

# 团体标准

T/SZS XXXX—2020

## 植物性食品中农药多残留高通量筛查检测 液相色谱-四级杆/飞行时间质谱法

High-throughput screening and confirmative detection of multi-pesticide residues in plant derived foods by liquid chromatography coupled with quadrupole time-of-flight mass spectrometry

(征求意见稿)

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## 前 言

本文件按照GB/T 1.1—2020《标准化工作导则 第1部分：标准化文件的结构和起草规则》给出的规定起草。

本文件由深圳市深圳标准促进会提出并归口。

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本文件为首次制定。



# 植物性食品中农药多残留高通量筛查检测 液相色谱-四级杆/飞行时间质谱法

## 1 范围

本文件规定了植物源性食品中306种农药（具体名单见附录A中表A.1）残留量的液相色谱-四级杆/飞行时间质谱检测方法。

本文件适用于苹果、橙子、生菜、西红柿、芹菜、大米中306种农药残留量的定性筛查、确证和半定量检测，其他植物源性食品可参照执行。

## 2 规范性引用文件

下列文件中的内容通过文中的规范性引用而构成本文件必不可少的条款。其中，注日期的引用文件，仅该日期对应的版本适用于本文件；不注日期的引用文件，其最新版本（包括所有的修改单）适用于本文件。

GB/T 6682 分析实验室用水规格和试验方法

GB 2763 食品安全国家标准 食品中农药最大残留限量

## 3 术语和定义

本文件没有需要界定的术语和定义。

## 4 原理

样品在酸性条件下经乙腈均质提取，采用QuEChERS法净化，液相色谱-四级杆-飞行时间质谱检测，内标法定量。

## 5 试剂和材料

注：除非另有说明，在分析中仅使用分析纯的试剂，水为GB/T 6682规定的一级水。

### 5.1 试剂与材料

5.1.1 乙腈(CH<sub>3</sub>CN)：色谱纯。

5.1.2 甲酸(HCOOH)：色谱纯。

5.1.3 甲醇(CH<sub>3</sub>OH)：色谱纯。

5.1.4 乙酸铵：色谱纯。

5.1.5 乙腈。

5.1.6 氯化钠。

5.1.7 无水 Na<sub>2</sub>SO<sub>4</sub>：用前在 650 °C 下灼烧 4 h，贮于干燥器内，冷却后备用。

5.1.8 N-丙基乙二胺吸附剂(PSA)。

5.1.9 尾部封端十八烷基键合硅胶吸附剂 (EC-C<sub>18</sub>) (粒径范围 40–60 μm, 平均孔径 100 Å)。

5.1.10 微孔滤膜: 0.22 μm, 有机相型。

## 5.2 试剂配制

5.2.1 0.1%甲酸水溶液: 吸取 1 mL 甲酸至 1 L 容量瓶, 用水稀释并定容, 现用现配。

5.2.2 50%乙腈水溶液 (含 0.1%甲酸: 量取 50 mL 乙腈于 100 mL 容量瓶中, 加入 0.1 mL 甲酸, 再用水定容至 100 mL, 现用现配。

5.2.3 5 mmol 乙酸铵 (含 0.1 %甲酸) 水溶液: 称取 0.3854 g 乙酸铵, 溶解于 100 mL 水中, 加入 1.0 mL 甲酸, 用水稀释并定容至 1000 mL, 现用现配。

5.2.4 甲醇 (含 0.1%甲酸) 溶液: 吸取 1 mL 甲酸至 1 L 容量瓶, 用甲醇稀释并定容度, 现用现配。

## 5.3 标准品

5.3.1 克百威等 306 种 (详细名单及相关化学信息见附录 A 中表 A.1) 或经国家认证并授予标准物质证书的标准物质。

5.3.2 氘代莠去津-D5 (C<sub>8</sub>H<sub>9</sub>D<sub>5</sub>ClN<sub>5</sub>, CAS 号: 163165-75-1) 或经国家认证并授予标准物质证书的标准物质。

## 5.4 标准溶液配制

5.4.1 标准储备溶液: 分别称取适量的标准物质、氘代莠去津-D5, 用乙腈分别配制成浓度约为 1000 mg/L 的标准储备溶液。-18 °C 下避光保存, 有效期为 8 个月。

5.4.2 混合标准中间溶液 (10.0 mg/L): 分别吸取 1.00 mL 标准储备液于 100 mL 容量瓶中, 乙腈定容, 配制成四组混合标准工作溶液 (A、B、C 和 D 组)。-18 °C 下避光保存, 有效期为 3 个月。

5.4.3 氘代莠去津-D5 标准中间溶液 (10.0 mg/L) 和标准工作溶液 (1.00 mg/L): 分别吸取 1.00 mL 标准储备液于 100 mL 容量瓶中, 乙腈定容混匀, 配制成浓度为 10.0 mg/L 的内标标准工作溶液; 分别吸取 1.00 mL 标准中间溶液于 10 mL 容量瓶中, 乙腈定容混匀, 配制成浓度为 1.00 mg/L 的内标标准工作溶液。-18 °C 下避光保存, 有效期为 3 个月。

5.4.4 混合标准曲线工作溶液 (适用于筛查检测): 分别吸取适量 50%乙腈水溶液 (含 0.1%甲酸)、内标液和四组混合标准工作溶液, 其中 A 组 (80 种)、B 组 (80 种)、C 组 (80 种) 和 D 组 (66 种), 配制为浓度为 0.010 mg/L, 0.020 mg/L, 0.050 mg/L、0.100 mg/L 和 0.200 mg/L 的混合标准系列溶液 (内标氘代莠去津-D5 浓度为 0.050 mg/L)。试验当天配制, 现用现配。

5.4.5 基质匹配混合标准曲线工作溶液 (适用于半定量检测): 分别吸取适量基质空白溶液、内标液和四组混合标准工作溶液, 其中 A 组 (80 种)、B 组 (80 种)、C 组 (90 种) 和 D 组 (66 种), 配制为浓度为 0.010 mg/L、0.020 mg/L、0.050 mg/L、0.100 mg/L 和 0.200 mg/L 的混合标准系列溶液 (内标氘代莠去津-D5 浓度为 0.050 mg/L), 试验当天配制, 现用现配。

## 6 仪器和设备

6.1 液相色谱-四极杆/飞行时间质谱仪, 配有电喷雾离子源 (ESI)。

6.2 涡旋混合器。

6.3 高速冷冻离心机: 转速不低于 9500 r/min。

6.4 氮气浓缩装置。

6.5 分析天平: 感量为 0.1 mg 和 0.01 g。

## 7 分析步骤



## 7.1 试样制备

蔬菜和水果的取样量按照相关标准的规定执行。样品取样部位按照GB 2763规定执行。对于个体较小的样品，取样后全部处理；对于个体较大的基本均匀样品，可在对称轴或对称面上分割或切成小块后处理；对于细长、扁平或组分含量在各部分有差异的样品，可在不同部位切取小片或截成小段后处理；取后的样品将其切碎，充分混匀，用四分法取样或直接放入组织捣碎机中捣碎成匀浆，放入聚乙烯瓶或袋中。

## 7.2 提取与净化

### 7.2.1 提取

准确称取10 g（精确到0.01）新鲜苹果、生菜样品于50 mL 塑料离心管中，加入氘代莠去津-D5内标溶液，涡旋振荡1 min，加入10 mL分析纯乙腈和5 mL 0.1%甲酸水溶液，涡旋振荡1 min，9500 r/min 离心10 min。吸取上清液至洁净的50 mL离心管中，加入2 g NaCl，涡旋振荡1 min，9500 r/min 离心10 min。

### 7.2.2 净化

移取7 mL上清液到装有净化粉末的离心管中（900 mg  $\text{MgSO}_4$ ，180 mg PSA，180 mg EC-C<sub>18</sub>），振荡混匀 3 min，9500 r/min 离心 10 min。吸取5 mL上清液，40 °C水浴氮吹至近干，加入1.0 mL50%乙腈水（含0.1%甲酸），振荡混匀。过0.22  $\mu\text{m}$ 有机滤膜后，LC-QTOF/MS检测。

## 7.3 仪器参考条件

### 7.3.1 色谱条件

- 色谱柱：Waters Acquity UPLC HSS T3，1.8  $\mu\text{m}$ ，150 mm×2.1 mm（内径）或相当者；
- 柱温：40 °C；
- 进样量：10  $\mu\text{L}$ ；
- 流动相：A相：5 mmol 乙酸铵（含0.1%甲酸）水溶液；B相：甲醇（含0.1%甲酸）；
- 梯度洗脱，见表1。

表 1 流动相条件

时间(min)	流速 (mL/min)	A (%)	B (%)
0	0.3	95.0	5.0
1.00	0.3	95.0	5.0
3.00	0.3	60.0	40.0
20.00	0.3	20.0	80.0
24.00	0.3	5.0	95.0
28.00	0.3	5.0	95.0
28.10	0.3	95.0	5.0
33.00	0.3	95.0	5.0

### 7.3.2 质谱条件

- 离子源：HESI；
- 扫描模式：正离子采集；
- 检测方式：TOF-MS/SWATH(数据非依赖性质谱采集)和TOF-MS/MS；
- 喷雾电压：5500 V；
- 毛细管温度：325 °C；
- 加热器温度：550 °C；

- g) 气帘气压力: 35 unit;  
 h) 碰撞气压力: 7 unit;  
 i) 雾化气压力: 55 psi;  
 j) 干燥气压力: 60 psi;  
 k) TOF-MS参数: 采集范围80~900 m/z; 去簇电压DP 80 V; 碰撞能量CE 8 eV; 累积时间: 0.16 s;  
 l) TOF-MS/MS参数: 采集范围50~900 m/z; 累积时间: 0.06 s; 电荷数1; 质谱扫描参数见表2。

表 2 TOF-MS/MS 质谱扫描参数

母离子起始扫描质量数 (Da)	母离子结束扫描质量数 (Da)	去簇电压 (V)	碰撞能量 (eV)	碰撞能量扩展 (eV)
80	200	80	35	± 15
195	220	80	35	± 15
219	250	80	35	± 15
249	280	80	35	± 15
279	310	80	35	± 15
309	340	80	35	± 15
339	370	80	35	± 15
369	400	80	35	± 15
399	440	80	35	± 15
439	500	80	35	± 15
499	900	80	35	± 5
900	1200	80	35	± 15

#### 7.4 高分辨质谱库建立

输入306种农药的英文、CAS号及化学式,由高分辨质谱谱库构建软件计算得到每个化合物的理论质量数。利用100 μg/L的混合标准工作溶液在TOF-MS Scan模式下进行测定,得到每个农药的保留时间和母离子精确质量数测定值;在TOF-MS/MS模式下,对每种化合物进行碎片离子谱图采集,并将其导入高分辨质谱谱库,与相应化合物的保留时间、精确质量数测定值、中英文名称、CAS号、分子式等信息相关联(见附录A中表A.1),完成谱库构建。

#### 7.5 定性分析

定性分析依据保留时间、母离子精确质量数、至少一个碎片离子精确质量数。如目标化合物的色谱峰的信噪比 $S/N \geq 3$ ,保留时间与谱库(附录A中表A.1)中保留时间的相对偏差 $\leq \pm 2.5\%$ (且不超过0.5 min),母离子精确质量数与理论质量数的相对偏差 $\leq 5$  ppm ( $1 \times 10^{-6}$ ),二级碎片离子精确质量数的相对偏差 $\leq 5$  ppm,则可以判断试验中含有该种农药化合物,定性分析及判定依据如表3所示。若检出目标化合物的含量超过筛查限浓度,则可判定样品中该目标化合物的检测结果为阳性结果。

表 3 定性分析及判定依据

定性因子	判定标准	备注
灵敏度	$S/N \geq 3$	色谱峰
保留时间偏差	$\leq \pm 2.5\%$	不超过 0.5 min
母离子精确质量数偏差	$\leq 5$ ppm	高分辨质谱一、二级同时扫描模式,包含两个离子(其中一个碎片离子)
碎片离子精确质量数偏差	$\leq 5$ ppm	

#### 7.6 半定量分析

将基质匹配标准系列工作液按浓度由低到高的顺序，依次注入液相色谱-四级杆/飞行时间质谱仪中测定，以标准系列工作液中各化合物和氘代莠去津的浓度比为横坐标，以母离子相应的色谱峰面积比为纵坐标，绘制标准工作曲线，用标准工作曲线对待测样品进行内标法定量，并需要根据不同样品基质的回收率校正因子进行含量校正（苹果、橙子、生菜、西红柿、芹菜、大米等6种代表性基质样品的校正因子见附录B中表B.1）。各标准品色谱图参见附录C中表C.1。

#### 7.6.1 空白试验

除不加试样外，均按上述测定步骤进行。

#### 7.6.2 分析结果的表述

试样中农药的残留量按公式（1）计算：

$$X_i = \frac{c_i \times V \times 10}{m \times 5} \times \frac{1000}{1000} \times f_i \dots\dots\dots (1)$$

式中：

$X_i$  —— 试样中待测化合物的含量，单位为毫克每千克（mg/kg）；

$C_i$  —— 从校正曲线得到的被测组分溶液浓度，单位为毫克每升（mg/L）；

$V$  —— 样液最终定容体积，单位为毫升（mL）；

$m$  —— 试样称样量，单位为克（g）。

$f_i$  —— 校正因子。

### 8 灵敏度

306种农药的筛查限均为0.01 mg/kg。

### 9 回收率

本方法添加水平为筛查限时，添加回收率范围在50% ~ 200%内。

### 10 精密度

本标准精密度按照食用农产品化学物质残留高通量筛查方法确认与检测质量控制指南规定应小于等于20%。

### 11 特异性

基质空白样品中307种化合物在相应保留时间处的质谱响应不高于筛查限峰面积的5%。

## 附 录 A

(资料性)

## 307 种化合物的相关化学信息及其分组

307种化合物相关化学信息及分组情况如表A. 1所示。

表 A. 1 307 种化合物的相关化学信息及分组情况

序号	英文名	中文名	保留时间 (min)	分子式	CAS 号	电离模式	理论质量数	精确质量数	质量数精度 偏差 ( $1 \times 10^{-6}$ , ppm)	典型二级碎片 离子 (m/z)	备注
1	1,3-Diphenyl Urea	双苯基脲	13.89	C <sub>13</sub> H <sub>12</sub> N <sub>2</sub> O	102-07-8	[M+H] <sup>+</sup>	213.1022	213.1016	-2.82	94.0648	A 组
2	1-naphthyl acetamide	萘乙酰胺	10.28	C <sub>12</sub> H <sub>11</sub> NO	86-86-2	[M+H] <sup>+</sup>	186.0913	186.0911	-1.2	141.0695	A 组
3	2,6-Dichlorobenzamide	2,6-二氯苯甲酰胺	6.04	C <sub>7</sub> H <sub>5</sub> Cl <sub>2</sub> NO	2008-58-4	[M+H] <sup>+</sup>	189.9821	189.9819	-0.9	172.9561	A 组
4	3,4,5-Trimethacarb	3,4,5-混杀威	14.87	C <sub>11</sub> H <sub>15</sub> N <sub>2</sub> O	2686-99-9	[M+H] <sup>+</sup>	194.1176	194.1174	-0.8	137.0964	A 组
5	6-Benzylaminopurine	6-苄氨基嘌呤	9.40	C <sub>12</sub> H <sub>11</sub> N <sub>5</sub>	1214-39-7	[M+H] <sup>+</sup>	226.1087	226.1086	-0.5	91.0540	A 组
6	Acetamiprid	啉虫脒	7.33	C <sub>10</sub> H <sub>11</sub> ClN <sub>4</sub>	135410-20-7	[M+H] <sup>+</sup>	223.0745	223.0737	-0.35	126.0087	A 组
7	Albendazole	丙硫多菌灵	15.74	C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub> S	54965-21-8	[M+H] <sup>+</sup>	266.0958	266.095	-2.9	234.0691	A 组
8	Aldimorph	4-十二烷基-2,6-二甲基吗啉	20.03	C <sub>18</sub> H <sub>37</sub> NO	91315-15-0	[M+H] <sup>+</sup>	284.2948	284.2935	-4.7	130.1238	A 组
9	Ametoctradin	啉啉菌胺	22.18	C <sub>15</sub> H <sub>25</sub> N <sub>5</sub>	865318-97-4	[M+H] <sup>+</sup>	276.2183	276.2173	-3.5	176.0929	A 组
10	Ametryn	莠灭净	15.22	C <sub>9</sub> H <sub>17</sub> N <sub>5</sub> S	834-12-8	[M+H] <sup>+</sup>	228.1277	228.1206	-3.1	186.0793	A 组
11	Aminocarb	灭害威	4.65	C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>	2032-59-9	[M+H] <sup>+</sup>	209.1285	209.1278	-3.3	137.0833	A 组
12	Ancymidol	环丙啉啉醇	11.89	C <sub>15</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>	12771-68-5	[M+H] <sup>+</sup>	257.1285	257.1284	-0.4	135.0449	A 组
13	Anilofos	莎稗磷	20.88	C <sub>13</sub> H <sub>19</sub> ClNO <sub>3</sub> PS <sub>2</sub>	64249-01-0	[M+H] <sup>+</sup>	368.0305	368.0297	-2.1	124.9820	A 组
14	Asulam	磺草灵	4.86	C <sub>8</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub> S	3337-71-1	[M+H] <sup>+</sup>	231.0434	231.0435	0.4	92.0501	A 组
15	Atraton	莠去通	11.01	C <sub>9</sub> H <sub>17</sub> N <sub>3</sub> O	1610-17-9	[M+H] <sup>+</sup>	212.1506	212.1505	-0.4	170.1030	A 组

序号	英文名	中文名	保留时间 (min)	分子式	CAS 号	电离模式	理论质量数	精确质量数	质量数精度 偏差 ( $1 \times 10^{-6}$ , ppm)	典型二级碎片 离子 (m/z)	备注
16	Atrazine	莠去津	14.27	C <sub>8</sub> H <sub>14</sub> ClN <sub>5</sub>	1912-24-9	[M+H] <sup>+</sup>	216.1011	216.1008	-0.9	174.0540	A 组
17	Atrazine-desethyl	去乙基阿特拉津	8.45	C <sub>8</sub> H <sub>10</sub> ClN <sub>5</sub>	6190-65-4	[M+H] <sup>+</sup>	188.0698	188.0695	-1.2	146.0237	A 组
18	Azaconazole	氧环唑	14.95	C <sub>12</sub> H <sub>11</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub>	60207-31-0	[M+H] <sup>+</sup>	300.0301	300.0298	-0.9	158.9763	A 组
19	Azamethiphos	甲基吡啶磷	10.93	C <sub>9</sub> H <sub>10</sub> ClN <sub>2</sub> O <sub>3</sub> PS	35575-96-3	[M+H] <sup>+</sup>	324.9809	324.9807	-0.6	139.0056	A 组
20	Aziprotryne	叠氮津	17.72	C <sub>7</sub> H <sub>11</sub> N <sub>7</sub> S	4658-28-0	[M+H] <sup>+</sup>	226.0869	226.0867	-1.0	68.0248	A 组
21	Azoxystrobin	啞菌酯	16.76	C <sub>22</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>	131860-33-8	[M+H] <sup>+</sup>	404.1241	404.1231	-2.6	344.1013	A 组
22	Beflubutamid	氟丁酰草胺	20.48	C <sub>18</sub> H <sub>17</sub> F <sub>4</sub> NO <sub>2</sub>	113614-08-7	[M+H] <sup>+</sup>	356.1268	356.1258	-3.0	91.0540	A 组
23	Benalaxyl	苯霜灵	21.23	C <sub>20</sub> H <sub>23</sub> NO <sub>3</sub>	71626-11-4	[M+H] <sup>+</sup>	326.1751	326.1739	-3.7	148.1118	A 组
24	Bendiocarb	噁虫威	11.40	C <sub>11</sub> H <sub>13</sub> NO <sub>4</sub>	22781-23-3	[M+H] <sup>+</sup>	224.0917	224.0925	3.2	109.0288	A 组
25	Benodanil	麦锈灵	14.00	C <sub>13</sub> H <sub>10</sub> INO	15310-01-7	[M+H] <sup>+</sup>	323.988	323.9878	-0.7	230.9288	A 组
26	Benoxacor	解草嗪	15.91	C <sub>11</sub> H <sub>11</sub> Cl <sub>2</sub> NO <sub>2</sub>	98730-04-2	[M+H] <sup>+</sup>	260.024	260.024	0.2	149.0839	A 组
27	Bensulfuron-methyl	苄嘧磺隆	16.14	C <sub>16</sub> H <sub>18</sub> N <sub>4</sub> O <sub>7</sub> S	83055-99-6	[M+H] <sup>+</sup>	411.0969	411.0972	0.8	149.0597	A 组
28	Benthiavalicarb- Isopropyl	苯噻菌胺	18.19	C <sub>18</sub> H <sub>24</sub> FN <sub>3</sub> O <sub>3</sub> S	177406-68-7	[M+H] <sup>+</sup>	382.1595	382.1587	-2.2	180.0274	A 组
29	Boscalid	啶酰菌胺	17.44	C <sub>18</sub> H <sub>12</sub> Cl <sub>2</sub> N <sub>2</sub> O	188425-85-6	[M+H] <sup>+</sup>	343.0399	343.0396	-1.1	307.0635	A 组
30	Bromacil	除草定	11.48	C <sub>9</sub> H <sub>13</sub> BrN <sub>2</sub> O <sub>2</sub>	314-40-9	[M+H] <sup>+</sup>	261.0233	261.0248	3.6	204.9616	A 组
31	Bromuconazole	糠菌唑	20.13	C <sub>13</sub> H <sub>12</sub> BrCl <sub>2</sub> N <sub>3</sub> O	116255-48-2	[M+H] <sup>+</sup>	375.9614	375.9615	0.5	158.9774	A 组
32	Bupirimate	乙嘧酚磺酸酯	19.39	C <sub>13</sub> H <sub>24</sub> N <sub>4</sub> O <sub>5</sub> S	41483-43-6	[M+H] <sup>+</sup>	317.1642	317.1627	-4.7	166.0976	A 组
33	Buprofezin	噻嗪酮	23.64	C <sub>16</sub> H <sub>23</sub> N <sub>3</sub> OS	69327-76-0	[M+H] <sup>+</sup>	306.1635	306.1525	-3.6	106.0656	A 组
34	Butafenacil	氟丙嘧草酯	19.09	C <sub>20</sub> H <sub>18</sub> ClF <sub>3</sub> N <sub>2</sub> O <sub>6</sub>	134605-64-4	[M+H] <sup>+</sup>	475.0878	475.0879	0.2	331.0087	A 组
35	Butralin	仲丁灵	24.88	C <sub>14</sub> H <sub>21</sub> N <sub>3</sub> O <sub>4</sub>	33629-47-9	[M+H] <sup>+</sup>	296.1605	296.16	-1.7	240.0985	A 组
36	Cadusafos	硫线磷	22.45	C <sub>10</sub> H <sub>23</sub> O <sub>2</sub> PS <sub>2</sub>	95465-99-9	[M+H] <sup>+</sup>	271.095	271.0938	-4.4	130.9383	A 组
37	Cafenstrole	唑草胺	18.41	C <sub>16</sub> H <sub>22</sub> N <sub>4</sub> O <sub>3</sub> S	125306-83-4	[M+H] <sup>+</sup>	351.1485	351.1488	0.8	100.0763	A 组
38	Carbaryl	甲萘威	12.36	C <sub>12</sub> H <sub>11</sub> NO <sub>2</sub>	63-25-2	[M+H] <sup>+</sup>	202.0863	202.0864	0.6	127.0526	A 组
39	Carbendazim	多菌灵	6.07	C <sub>9</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub>	10605-21-7	[M+H] <sup>+</sup>	192.0768	192.0763	-2.2	160.0496	A 组

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40	Carbetamide	双酰草胺	10.38	C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>	16118-49-3	[M+H] <sup>+</sup>	237.1234	237.1234	0.1	120.0450	A 组
41	Carbofuran	克百威	11.60	C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>3</sub>	1563-66-2	[M+H] <sup>+</sup>	222.1125	222.1117	-3.5	123.0437	A 组
42	Carbofuran-3-hydroxy	3-羟基克百威	7.28	C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub>	16655-82-6	[M+H] <sup>+</sup>	238.1074	238.1075	0.7	163.0759	A 组
43	Carboxin	萎锈灵	12.44	C <sub>12</sub> H <sub>13</sub> N <sub>3</sub> O <sub>2</sub> S	5234-68-4	[M+H] <sup>+</sup>	236.074	236.0733	-3.0	143.0160	A 组
44	Chlorfluazuron	氟啶脲	25.03	C <sub>20</sub> H <sub>9</sub> Cl <sub>3</sub> F <sub>5</sub> N <sub>3</sub> O <sub>3</sub>	71422-67-8	[M+H] <sup>+</sup>	539.9702	539.9709	1.3	382.9360	A 组
45	Chloridazon	氯草敏	7.61	C <sub>10</sub> H <sub>8</sub> ClN <sub>3</sub> O	1698-60-8	[M+H] <sup>+</sup>	222.0429	222.0423	-2.5	77.0390	A 组
46	Chlorotoluron	绿麦隆	13.64	C <sub>10</sub> H <sub>13</sub> ClN <sub>2</sub> O	15545-48-9	[M+H] <sup>+</sup>	213.0789	213.0789	-0.3	77.0444	A 组
47	Chlorpyrifos	毒死蜱	24.24	C <sub>9</sub> H <sub>11</sub> Cl <sub>3</sub> N <sub>3</sub> O <sub>3</sub> PS	2921-88-2	[M+H] <sup>+</sup>	349.9336	349.9326	-2.9	197.9292	A 组
48	Chlorpyrifos-methyl	甲基毒死蜱	22.07	C <sub>7</sub> H <sub>7</sub> Cl <sub>3</sub> N <sub>3</sub> O <sub>3</sub> PS	5598-13-0	[M+H] <sup>+</sup>	321.9023	321.9023	0.2	125.0142	A 组
49	Chlorsulfuron	氯磺隆	12.61	C <sub>12</sub> H <sub>12</sub> ClN <sub>5</sub> O <sub>4</sub> S	64902-72-3	[M+H] <sup>+</sup>	358.0371	358.0372	0.1	141.0778	A 组
50	Clomazone	异噁草酮	15.95	C <sub>12</sub> H <sub>14</sub> ClNO <sub>2</sub>	81777-89-1	[M+H] <sup>+</sup>	240.0786	240.0786	0.1	125.0146	A 组
51	Clothianidin	噻虫胺	6.73	C <sub>6</sub> H <sub>8</sub> ClN <sub>3</sub> O <sub>2</sub> S	210880-92-5	[M+H] <sup>+</sup>	250.016	250.0163	1.2	131.9677	A 组
52	Coumaphos	蝇毒磷	21.22	C <sub>14</sub> H <sub>16</sub> ClO <sub>5</sub> PS	56-72-4	[M+H] <sup>+</sup>	363.0217	363.0209	-2.3	226.9933	A 组
53	Cyanazine	氰草津	10.64	C <sub>9</sub> H <sub>13</sub> ClN <sub>6</sub>	21725-46-2	[M+H] <sup>+</sup>	241.0963	241.0961	-0.9	214.0860	A 组
54	Cyanofenphos	苯腈磷	20.72	C <sub>15</sub> H <sub>14</sub> NO <sub>2</sub> PS	13067-93-1	[M+H] <sup>+</sup>	304.0556	304.0553	-0.9	156.9873	A 组
55	Cyanophos	杀螟腈	14.41	C <sub>9</sub> H <sub>10</sub> N <sub>3</sub> O <sub>3</sub> PS	2636-26-2	[M+H] <sup>+</sup>	244.0192	244.0193	0.5	124.9829	A 组
56	Cycloate	环草敌	22.39	C <sub>11</sub> H <sub>21</sub> NOS	1134-23-2	[M+H] <sup>+</sup>	216.1417	216.1339	-3.6	55.0550	A 组
57	Cycluron	环莠隆	15.11	C <sub>11</sub> H <sub>22</sub> N <sub>2</sub> O	2163-69-1	[M+H] <sup>+</sup>	199.1805	199.1798	-3.4	72.0446	A 组
58	Cyflufenamid	环氟菌胺	21.75	C <sub>20</sub> H <sub>17</sub> F <sub>5</sub> N <sub>2</sub> O <sub>2</sub>	180409-60-3	[M+H] <sup>+</sup>	413.1283	413.1284	0.3	241.0400	A 组
59	Cyprazine	环丙津	14.47	C <sub>9</sub> H <sub>14</sub> ClN <sub>5</sub>	22936-86-3	[M+H] <sup>+</sup>	228.1011	228.1009	-0.6	186.0544	A 组
60	Cyproconazole	环丙唑醇	18.07	C <sub>15</sub> H <sub>18</sub> ClN <sub>3</sub> O	94361-06-5	[M+H] <sup>+</sup>	292.1211	292.1214	0.9	70.0409	A 组
61	Cyprodinil	噻菌环胺	19.82	C <sub>14</sub> H <sub>15</sub> N <sub>3</sub>	121552-61-2	[M+H] <sup>+</sup>	226.1339	226.1244	-4.2	108.0811	A 组
62	Diazinon	二嗪磷	21.22	C <sub>12</sub> H <sub>21</sub> N <sub>2</sub> O <sub>3</sub> PS	333-41-5	[M+H] <sup>+</sup>	305.1083	305.0979	-3.4	169.0793	A 组

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63	Dichlofenthion	除线磷	23.96	C <sub>10</sub> H <sub>13</sub> Cl <sub>2</sub> O <sub>3</sub> PS	97-17-6	[M+H] <sup>+</sup>	314.9773	314.9771	-0.7	258.9153	A 组
64	Dichlorvos	敌敌畏	11.08	C <sub>4</sub> H <sub>7</sub> Cl <sub>2</sub> O <sub>4</sub> P	62-73-7	[M+H] <sup>+</sup>	220.9532	220.9533	0.5	109.0054	A 组
65	Diclobutrazole	苄氯三唑醇	20.46	C <sub>15</sub> H <sub>19</sub> Cl <sub>2</sub> N <sub>3</sub> O	75736-33-3	[M+H] <sup>+</sup>	328.0978	328.0975	-0.8	70.0406	A 组
66	Dicrotophos	百治磷	6.17	C <sub>8</sub> H <sub>16</sub> NO <sub>5</sub> P	141-66-2	[M+H] <sup>+</sup>	238.0839	238.0834	-2.0	72.0443	A 组
67	Diethyltoluamide	避蚊胺	14.60	C <sub>12</sub> H <sub>17</sub> NO	134-62-3	[M+H] <sup>+</sup>	192.1383	192.1316	-3.5	91.0539	A 组
68	Difenoconazole	苯醚甲环唑	22.18	C <sub>19</sub> H <sub>17</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>3</sub>	119446-68-3	[M+H] <sup>+</sup>	406.072	406.0724	0.9	251.0038	A 组
69	Difenoxuron	枯莠隆	14.85	C <sub>16</sub> H <sub>18</sub> N <sub>2</sub> O <sub>3</sub>	14214-32-5	[M+H] <sup>+</sup>	287.139	287.1386	-1.4	72.0448	A 组
70	Diflubenzuron	除虫脲	19.71	C <sub>14</sub> H <sub>9</sub> ClF <sub>2</sub> N <sub>2</sub> O <sub>2</sub>	35367-38-5	[M+H] <sup>+</sup>	311.0393	311.0394	0.3	141.0154	A 组
71	Dimefuron	噁唑隆	16.02	C <sub>15</sub> H <sub>19</sub> ClN <sub>4</sub> O <sub>3</sub>	34205-21-5	[M+H] <sup>+</sup>	339.1218	339.1096	-3.6	72.0444	A 组
72	Dimethachlor	二甲草胺	15.47	C <sub>13</sub> H <sub>18</sub> ClNO <sub>2</sub>	50563-36-5	[M+H] <sup>+</sup>	256.1099	256.1101	1.0	224.0843	A 组
73	Dimethametryn	异戊乙净	19.64	C <sub>11</sub> H <sub>21</sub> N <sub>5</sub> S	22936-75-0	[M+H] <sup>+</sup>	256.159	256.1591	0.1	186.0810	A 组
74	Dimethenamid	二甲吩草胺	17.29	C <sub>12</sub> H <sub>18</sub> ClNO <sub>2</sub> S	87674-68-8	[M+H] <sup>+</sup>	276.082	276.0817	-0.9	244.0552	A 组
75	Dimethirimol	二甲嘧酚	9.80	C <sub>11</sub> H <sub>19</sub> N <sub>3</sub> O	5221-53-4	[M+H] <sup>+</sup>	210.1601	210.1594	-3.4	140.1071	A 组
76	Dimethoate	乐果	7.41	C <sub>5</sub> H <sub>12</sub> NO <sub>3</sub> PS <sub>2</sub>	60-51-5	[M+H] <sup>+</sup>	230.0069	230.0068	-0.3	124.9823	A 组
77	Dimethomorph	烯酰吗啉	17.74	C <sub>21</sub> H <sub>22</sub> ClNO <sub>4</sub>	110488-70-5	[M+H] <sup>+</sup>	388.131	388.1309	-0.2	301.0628	A 组
78	Dimetilan	敌蝇威	7.83	C <sub>10</sub> H <sub>16</sub> N <sub>4</sub> O <sub>3</sub>	644-64-4	[M+H] <sup>+</sup>	241.1295	241.1293	-1.0	72.0440	A 组
79	Dimoxystrobin	醚菌胺	20.25	C <sub>19</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub>	149961-52-4	[M+H] <sup>+</sup>	327.1703	327.1699	-1.2	116.0494	A 组
80	Diniconazole	烯唑醇	21.98	C <sub>15</sub> H <sub>17</sub> C <sub>12</sub> N <sub>3</sub> O	83657-24-3	[M+H] <sup>+</sup>	326.0821	326.0819	-0.9	70.0405	A 组
81	Dinitramine	氨氟灵	21.53	C <sub>11</sub> H <sub>13</sub> F <sub>3</sub> N <sub>3</sub> O <sub>4</sub>	29091-05-2	[M+H] <sup>+</sup>	323.0962	323.096	-0.6	305.0873	B 组
82	Dinotefuran	呋虫胺	4.92	C <sub>7</sub> H <sub>14</sub> N <sub>4</sub> O <sub>3</sub>	165252-70-0	[M+H] <sup>+</sup>	203.1139	203.1138	-0.3	73.0644	B 组
83	Diphenamid	双苯酰草胺	15.45	C <sub>16</sub> H <sub>17</sub> NO	957-51-7	[M+H] <sup>+</sup>	240.1383	240.1316	-2.8	134.0954	B 组
84	Dipropetryn	异丙净	19.52	C <sub>11</sub> H <sub>21</sub> N <sub>5</sub> S	4147-51-7	[M+H] <sup>+</sup>	256.159	256.1591	0.1	186.0799	B 组
85	Disulfoton sulfone	乙拌磷砒	14.02	C <sub>8</sub> H <sub>19</sub> O <sub>4</sub> PS <sub>3</sub>	2497-06-5	[M+H] <sup>+</sup>	307.0256	307.0253	-0.9	96.9504	B 组
86	Disulfoton sulfoxide	砒拌磷	13.65	C <sub>8</sub> H <sub>19</sub> O <sub>3</sub> PS <sub>3</sub>	2497-07-6	[M+H] <sup>+</sup>	291.0307	291.0309	0.9	156.9544	B 组

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87	Ditalimfos	灭菌磷	18.84	C <sub>12</sub> H <sub>14</sub> NO <sub>4</sub> PS	5131-24-8	[M+H] <sup>+</sup>	300.0454	300.045	-1.2	130.0284	B 组
88	Dithiopyr	氟硫草定	22.96	C <sub>15</sub> H <sub>16</sub> F <sub>5</sub> NO <sub>2</sub> S <sub>2</sub>	97886-45-8	[M+H] <sup>+</sup>	402.0615	402.0614	-0.2	354.0583	B 组
89	Diuron	敌草隆	14.79	C <sub>9</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>2</sub> O	330-54-1	[M+H] <sup>+</sup>	233.0243	233.0242	-0.4	72.0452	B 组
90	Dodemorph	十二环吗啉	14.72	C <sub>18</sub> H <sub>35</sub> NO	1593-77-7	[M+H] <sup>+</sup>	282.2791	282.278	-4.1	116.1066	B 组
91	Edifenphos	敌瘟磷	20.86	C <sub>14</sub> H <sub>15</sub> O <sub>2</sub> PS <sub>2</sub>	17109-49-8	[M+H] <sup>+</sup>	311.0324	311.0321	-1.0	109.0104	B 组
92	Emamectin-benzoate	甲氨基阿维菌素	23.23	C <sub>49</sub> H <sub>75</sub> NO <sub>13</sub>	119791-41-2	[M+H] <sup>+</sup>	886.5311	886.5305	-0.7	158.1176	B 组
93	Epoxiconazole	氟环唑	19.43	C <sub>17</sub> H <sub>13</sub> ClFN <sub>3</sub> O	133855-98-8	[M+H] <sup>+</sup>	330.0804	330.0801	-1.0	121.0451	B 组
94	Esprocarb	戊草丹	23.66	C <sub>15</sub> H <sub>23</sub> NOS	85785-20-2	[M+H] <sup>+</sup>	266.1573	266.1565	-3.0	91.0543	B 组
95	Etaconazole	乙环唑	19.25	C <sub>14</sub> H <sub>15</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub>	60207-93-4	[M+H] <sup>+</sup>	328.0614	328.0617	1.0	158.9771	B 组
96	Ethametsulfuron-methyl	甲基胺苯磺隆	13.35	C <sub>15</sub> H <sub>18</sub> N <sub>6</sub> O <sub>6</sub> S	97780-06-8	[M+H] <sup>+</sup>	411.1081	411.1085	0.9	168.0518	B 组
97	Ethion	乙硫磷	24.02	C <sub>9</sub> H <sub>22</sub> O <sub>4</sub> P <sub>2</sub> S <sub>4</sub>	563-12-2	[M+H] <sup>+</sup>	384.9949	384.995	0.3	142.9393	B 组
98	Ethiprole	乙虫腈	17.25	C <sub>13</sub> H <sub>9</sub> Cl <sub>2</sub> F <sub>3</sub> N <sub>4</sub> OS	181587-01-9	[M+H] <sup>+</sup>	396.9899	396.9899	-0.1	350.9479	B 组
99	Ethirimol	乙嘧酚	9.80	C <sub>11</sub> H <sub>19</sub> N <sub>3</sub> O	23947-60-6	[M+H] <sup>+</sup>	210.1601	210.1594	-3.4	140.1071	B 组
100	Ethoprophos	灭线磷	19.30	C <sub>8</sub> H <sub>19</sub> O <sub>2</sub> PS <sub>2</sub>	13194-48-4	[M+H] <sup>+</sup>	243.0637	243.0627	-4.1	130.9384	B 组
101	Etoxazole	乙螨唑	24.70	C <sub>21</sub> H <sub>23</sub> F <sub>2</sub> NO <sub>2</sub>	153233-91-1	[M+H] <sup>+</sup>	360.177	360.1630	-3.9	141.0150	B 组
102	Fenamidone	咪唑菌酮	17.12	C <sub>17</sub> H <sub>17</sub> N <sub>3</sub> OS	161326-34-7	[M+H] <sup>+</sup>	312.1165	312.1164	-0.5	92.0498	B 组
103	Fenamiphos	苯线磷	19.93	C <sub>13</sub> H <sub>22</sub> NO <sub>3</sub> PS	22224-92-6	[M+H] <sup>+</sup>	304.1131	304.1118	-4.2	217.0081	B 组
104	Fenarimol	氯苯嘧啶醇	18.96	C <sub>17</sub> H <sub>12</sub> Cl <sub>2</sub> N <sub>2</sub> O	60168-88-9	[M+H] <sup>+</sup>	331.0399	331.04	0.2	268.0538	B 组
105	Fenazaquin	喹螨醚	25.58	C <sub>20</sub> H <sub>22</sub> N <sub>2</sub> O	120928-09-8	[M+H] <sup>+</sup>	307.1805	307.1719	-2.8	161.1327	B 组
106	Fenbuconazole	腈苯唑	19.58	C <sub>19</sub> H <sub>17</sub> ClN <sub>4</sub>	114369-43-6	[M+H] <sup>+</sup>	337.1215	337.1211	-1.0	125.0156	B 组
107	Fenfuram	甲呋酰胺	12.74	C <sub>12</sub> H <sub>11</sub> NO <sub>2</sub>	24691-80-3	[M+H] <sup>+</sup>	202.0863	202.0780	-4.1	109.0278	B 组
108	Fenobucarb	仲丁威	16.36	C <sub>12</sub> H <sub>17</sub> NO <sub>2</sub>	3766-81-2	[M+H] <sup>+</sup>	208.1332	208.1334	0.8	95.0490	B 组
109	Fenothiocarb	苯硫威	20.01	C <sub>13</sub> H <sub>19</sub> NO <sub>2</sub> S	62850-32-2	[M+H] <sup>+</sup>	254.1209	254.1204	-2.1	72.0446	B 组



序号	英文名	中文名	保留时间 (min)	分子式	CAS 号	电离模式	理论质量数	精确质量数	质量数精度 偏差 ( $1 \times 10^{-6}$ , ppm)	典型二级碎片 离子 (m/z)	备注
110	Fenoxaprop-ethyl	噁唑禾草灵	23.25	C <sub>18</sub> H <sub>16</sub> ClNO <sub>5</sub>	66441-23-4	[M+H] <sup>+</sup>	362.079	362.0656	-3.7	288.0415	B 组
111	Fenpiclonil	拌种咯	15.68	C <sub>11</sub> H <sub>6</sub> Cl <sub>2</sub> N <sub>2</sub>	74738-17-3	[M+H] <sup>+</sup>	236.9981	236.9982	0.6	202.0304	B 组
112	Fenpropidin	苯锈啉	14.89	C <sub>19</sub> H <sub>31</sub> N	67306-00-7	[M+H] <sup>+</sup>	274.2529	274.2522	-2.7	147.1171	B 组
113	Fenpropimorph	丁苯吗啉	16.00	C <sub>20</sub> H <sub>33</sub> NO	67564-91-4	[M+H] <sup>+</sup>	304.2635	304.2636	0.3	147.1171	B 组
114	Fenpyroximate	唑螨酯	25.08	C <sub>24</sub> H <sub>27</sub> N <sub>3</sub> O <sub>4</sub>	134098-61-6	[M+H] <sup>+</sup>	422.2074	422.2064	-2.5	231.1002	B 组
115	Fenthion	倍硫磷	20.69	C <sub>10</sub> H <sub>15</sub> O <sub>3</sub> PS <sub>2</sub>	55-38-9	[M+H] <sup>+</sup>	279.0273	279.0262	-4.1	169.0145	B 组
116	Fenuron	非草隆	7.30	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O	101-42-8	[M+H] <sup>+</sup>	165.1022	165.1019	-2.2	72.0430	B 组
117	Flamprop-isopropyl	麦草氟异丙酯	21.04	C <sub>19</sub> H <sub>19</sub> ClFNO <sub>3</sub>	52756-22-6	[M+H] <sup>+</sup>	364.111	364.1107	-1.0	105.0338	B 组
118	Flonicamid	氟啉虫酰胺	5.65	C <sub>9</sub> H <sub>6</sub> F <sub>3</sub> N <sub>3</sub> O	158062-67-0	[M+H] <sup>+</sup>	230.0536	230.0535	-0.2	203.0434	B 组
119	Fluazifop	吡氟禾草酸	17.01	C <sub>15</sub> H <sub>12</sub> F <sub>3</sub> NO <sub>4</sub>	69335-91-7	[M+H] <sup>+</sup>	328.0791	328.0794	0.8	282.0744	B 组
120	Flufenacet	氟噻草胺	19.16	C <sub>14</sub> H <sub>13</sub> F <sub>4</sub> N <sub>3</sub> O <sub>2</sub> S	142459-58-3	[M+H] <sup>+</sup>	364.0737	364.0741	0.9	152.0510	B 组
121	Flufenoxuron	氟虫脲	24.55	C <sub>21</sub> H <sub>11</sub> ClF <sub>6</sub> N <sub>2</sub> O <sub>3</sub>	101463-69-8	[M+H] <sup>+</sup>	489.0435	489.0441	1.1	158.0415	B 组
122	Flumorph	氟吗啉	15.43	C <sub>21</sub> H <sub>22</sub> FNO <sub>4</sub>	211867-47-9	[M+H] <sup>+</sup>	372.1606	372.1603	-0.6	285.0908	B 组
123	Fluometuron	氟草隆	13.28	C <sub>10</sub> H <sub>11</sub> F <sub>3</sub> N <sub>2</sub> O	2164-17-2	[M+H] <sup>+</sup>	233.0896	233.0819	-3.3	72.0443	B 组
124	Fluopicolide	氟吡菌胺	17.88	C <sub>14</sub> H <sub>8</sub> Cl <sub>3</sub> F <sub>3</sub> N <sub>2</sub> O	239110-15-7	[M+H] <sup>+</sup>	382.9727	382.9725	-0.4	172.9558	B 组
125	Fluopyram	氟吡菌酰胺	18.78	C <sub>16</sub> H <sub>11</sub> ClF <sub>6</sub> N <sub>2</sub> O	658066-35-4	[M+H] <sup>+</sup>	397.0537	397.0539	0.5	208.0138	B 组
126	Fluoroglycofen-ethyl	乙羧氟草醚	22.79	C <sub>18</sub> H <sub>13</sub> ClF <sub>3</sub> NO <sub>7</sub>	77501-90-7	[M+H] <sup>+</sup>	448.0405	448.0409	0.7	343.9957	B 组
127	Fluoxastrobin	氟啉菌酯	18.94	C <sub>21</sub> H <sub>16</sub> ClFN <sub>4</sub> O <sub>5</sub>	361377-29-9	[M+H] <sup>+</sup>	459.0866	459.0867	0.3	427.0585	B 组
128	Fluquinconazole	氟唑啉	18.82	C <sub>16</sub> H <sub>8</sub> Cl <sub>2</sub> FN <sub>5</sub> O	136426-54-5	[M+H] <sup>+</sup>	376.0163	376.0162	-0.2	306.9849	B 组
129	Fluroxypyr	氯氟吡氧乙酸	24.48	C <sub>7</sub> H <sub>5</sub> Cl <sub>2</sub> FN <sub>2</sub> O <sub>3</sub>	69377-81-7	[M+H] <sup>+</sup>	254.9734	254.9729	-1.9	180.9738	B 组
130	Flurprimidol	呋嘧啉醇	17.81	C <sub>15</sub> H <sub>15</sub> F <sub>3</sub> N <sub>2</sub> O <sub>2</sub>	56425-91-3	[M+H] <sup>+</sup>	313.1158	313.1155	-1.1	270.0623	B 组
131	Flurtamone	呋草酮	16.84	C <sub>18</sub> H <sub>14</sub> F <sub>3</sub> NO <sub>2</sub>	96525-23-4	[M+H] <sup>+</sup>	334.1049	334.1037	-3.6	247.0717	B 组
132	Flusilazole	氟硅唑	19.86	C <sub>16</sub> H <sub>13</sub> F <sub>2</sub> N <sub>3</sub> Si	85509-19-9	[M+H] <sup>+</sup>	316.1076	316.1074	-0.5	165.0704	B 组
133	Fluthiacet-methyl	噻草酸甲酯	20.50	C <sub>15</sub> H <sub>15</sub> ClFN <sub>3</sub> O <sub>3</sub> S <sub>2</sub>	117337-19-6	[M+H] <sup>+</sup>	404.03	404.0294	-1.6	344.0091	B 组

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134	Flutolanil	氟酰胺	17.78	C <sub>17</sub> H <sub>16</sub> F <sub>3</sub> NO <sub>2</sub>	66332-96-5	[M+H] <sup>+</sup>	324.1206	324.1195	-3.4	242.0605	B 组
135	Flutriafol	粉唑醇	14.19	C <sub>16</sub> H <sub>13</sub> F <sub>2</sub> N <sub>3</sub> O	76674-21-0	[M+H] <sup>+</sup>	302.1099	302.11	0.3	70.0402	B 组
136	Fluxapyroxad	氟唑菌酰胺	17.84	C <sub>18</sub> H <sub>12</sub> F <sub>5</sub> N <sub>3</sub> O	907204-31-3	[M+H] <sup>+</sup>	382.0973	382.097	-0.9	342.0843	B 组
137	Fonofos	地虫硫磷	20.96	C <sub>10</sub> H <sub>15</sub> OPS <sub>2</sub>	944-22-9	[M+H] <sup>+</sup>	247.0375	247.0373	-0.5	108.9877	B 组
138	Forchlorfenuron	氯吡脞	14.88	C <sub>12</sub> H <sub>10</sub> ClN <sub>3</sub> O	68157-60-8	[M+H] <sup>+</sup>	248.0585	248.0584	-0.3	129.0218	B 组
139	Fosthiazate	噻唑磷	13.44	C <sub>9</sub> H <sub>18</sub> NO <sub>3</sub> PS <sub>2</sub>	98886-44-3	[M+H] <sup>+</sup>	284.0539	284.0541	0.8	104.0165	B 组
140	Fuberidazole	麦穗宁	7.41	C <sub>11</sub> H <sub>8</sub> N <sub>2</sub> O	3878-19-1	[M+H] <sup>+</sup>	185.0709	185.0701	-4.4	157.0766	B 组
141	Furalaxyl	呋霜灵	16.77	C <sub>17</sub> H <sub>19</sub> NO <sub>4</sub>	57646-30-7	[M+H] <sup>+</sup>	302.1387	302.1383	-1.2	95.0123	B 组
142	Furathiocarb	呋线威	23.62	C <sub>18</sub> H <sub>26</sub> N <sub>2</sub> O <sub>5</sub> S	65907-30-4	[M+H] <sup>+</sup>	383.1635	383.1574	-1.6	195.0480	B 组
143	Furmecyclox	拌种胺	20.97	C <sub>14</sub> H <sub>21</sub> NO <sub>3</sub>	60568-05-0	[M+H] <sup>+</sup>	252.1594	252.1496	-3.9	110.0599	B 组
144	Haloxypop	氟吡禾灵	20.31	C <sub>15</sub> H <sub>11</sub> ClF <sub>3</sub> NO <sub>4</sub>	69806-34-4	[M+H] <sup>+</sup>	362.0402	362.0398	-0.8	316.0347	B 组
145	Haloxypop-methyl	氟吡甲禾灵	22.43	C <sub>16</sub> H <sub>13</sub> ClF <sub>3</sub> NO <sub>4</sub>	69806-40-2	[M+H] <sup>+</sup>	376.0558	376.054	-4.7	316.0343	B 组
146	Heptenophos	庚烯磷	14.97	C <sub>9</sub> H <sub>12</sub> ClO <sub>4</sub> P	23560-59-0	[M+H] <sup>+</sup>	251.0235	251.0231	-1.3	127.0156	B 组
147	Hexaconazole	己唑醇	21.23	C <sub>14</sub> H <sub>17</sub> Cl <sub>2</sub> N <sub>3</sub> O	79983-71-4	[M+H] <sup>+</sup>	314.0821	314.082	-0.6	70.0404	B 组
148	Hexaflumuron	氟铃脞	22.75	C <sub>16</sub> H <sub>8</sub> Cl <sub>2</sub> F <sub>6</sub> N <sub>2</sub> O <sub>3</sub>	86479-06-3	[M+H] <sup>+</sup>	460.9889	460.9895	1.3	158.0420	B 组
149	Hexazinone	环嗪酮	11.66	C <sub>12</sub> H <sub>20</sub> N <sub>4</sub> O <sub>2</sub>	51235-04-2	[M+H] <sup>+</sup>	253.1659	253.1658	-0.3	171.0871	B 组
150	Hexythiazox	噻螨酮	24.30	C <sub>17</sub> H <sub>21</sub> ClN <sub>2</sub> O <sub>2</sub> S	78587-05-0	[M+H] <sup>+</sup>	353.1085	353.107	-4.2	228.0265	B 组
151	Imazalil	抑霉唑	13.19	C <sub>14</sub> H <sub>14</sub> Cl <sub>2</sub> N <sub>2</sub> O	35554-44-0	[M+H] <sup>+</sup>	297.0556	297.0557	0.3	158.9768	B 组
152	Imazamethabenz-methyl	咪草酸	11.74	C <sub>16</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub>	81405-85-8	[M+H] <sup>+</sup>	289.1547	289.1542	-1.7	144.0447	B 组
153	Imidacloprid	吡虫啉	6.53	C <sub>9</sub> H <sub>10</sub> ClN <sub>3</sub> O <sub>2</sub>	138261-41-3	[M+H] <sup>+</sup>	256.0596	256.0595	-0.1	209.0599	B 组
154	Imidacloprid-Urea	吡虫啉脞	6.46	C <sub>9</sub> H <sub>10</sub> ClN <sub>3</sub> O	120868-66-8	[M+H] <sup>+</sup>	212.0585	212.058	-2.3	128.0262	B 组
155	Indoxacarb	茚虫威	22.45	C <sub>22</sub> H <sub>17</sub> ClF <sub>3</sub> N <sub>3</sub> O <sub>7</sub>	144171-61-9	[M+H] <sup>+</sup>	528.078	528.0775	-0.9	218.0439	B 组
156	Iprobenfos	异稻瘟净	24.70	C <sub>13</sub> H <sub>21</sub> O <sub>3</sub> PS	26087-47-8	[M+H] <sup>+</sup>	289.1022	289.1021	-0.2	91.0542	B 组

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157	Iprovalicarb	缬霉威	18.99	C <sub>18</sub> H <sub>28</sub> N <sub>2</sub> O <sub>3</sub>	140923-17-7	[M+H] <sup>+</sup>	321.2173	321.2172	-0.3	119.0855	B 组
158	Isazofos	氯唑磷	18.61	C <sub>9</sub> H <sub>17</sub> ClN <sub>3</sub> O <sub>3</sub> PS	42509-80-8	[M+H] <sup>+</sup>	314.049	314.0487	-0.7	119.9957	B 组
159	Isocarbamid	丁咪酰胺	8.40	C <sub>8</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub>	30979-48-7	[M+H] <sup>+</sup>	186.1237	186.1236	-0.5	87.0557	B 组
160	Isofenphos oxon	氧异柳磷	18.76	C <sub>15</sub> H <sub>24</sub> NO <sub>5</sub> P	31120-85-1	[M+H] <sup>+</sup>	330.1465	330.1467	0.7	200.9941	B 组
161	Isopropalin	异丙乐灵	25.17	C <sub>15</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>	33820-53-0	[M+H] <sup>+</sup>	310.1761	310.1751	-3.5	212.9503	C 组
162	Isoprothiolane	稻瘟灵	17.87	C <sub>12</sub> H <sub>18</sub> O <sub>4</sub> S <sub>2</sub>	50512-35-1	[M+H] <sup>+</sup>	291.0719	291.0717	-0.7	188.9678	C 组
163	Isoproturon	异丙隆	14.53	C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O	34123-59-6	[M+H] <sup>+</sup>	207.1492	207.1491	-0.5	72.0447	C 组
164	Isoxaben	异噁酰草胺	17.69	C <sub>18</sub> H <sub>24</sub> N <sub>2</sub> O <sub>4</sub>	82558-50-7	[M+H] <sup>+</sup>	333.1809	333.1809	-0.1	165.0537	C 组
165	Isoxadifen-ethyl	双苯恶唑酸	20.23	C <sub>18</sub> H <sub>17</sub> NO <sub>3</sub>	163520-33-0	[M+H] <sup>+</sup>	296.1281	296.1279	-0.6	232.0769	C 组
166	Isoxaflutole	异噁唑草酮	14.85	C <sub>15</sub> H <sub>12</sub> F <sub>3</sub> NO <sub>3</sub> S	141112-29-0	[M+H] <sup>+</sup>	360.0512	360.0506	-1.7	250.9997	C 组
167	Isoxathion	噁唑磷	21.56	C <sub>13</sub> H <sub>16</sub> NO <sub>4</sub> PS	18854-01-8	[M+H] <sup>+</sup>	314.061	314.0478	-4.2	105.0339	C 组
168	Linuron	利谷隆	16.56	C <sub>9</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>	330-55-2	[M+H] <sup>+</sup>	249.0192	249.019	-0.7	159.9722	C 组
169	Malathion	马拉硫磷	17.91	C <sub>10</sub> H <sub>19</sub> O <sub>6</sub> PS <sub>2</sub>	121-75-5	[M+H] <sup>+</sup>	331.0433	331.0431	-0.7	99.0078	C 组
170	Mandipropamid	双炔酰菌胺	17.61	C <sub>23</sub> H <sub>22</sub> ClNO <sub>4</sub>	374726-62-2	[M+H] <sup>+</sup>	412.131	412.1306	-1.0	328.1090	C 组
171	Mefenacet	苯噻酰草胺	18.44	C <sub>16</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> S	73250-68-7	[M+H] <sup>+</sup>	299.0849	299.0847	-0.7	120.0809	C 组
172	Mefenpyr-diethyl	吡唑解草酯	21.42	C <sub>16</sub> H <sub>18</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>4</sub>	135590-91-9	[M+H] <sup>+</sup>	373.0716	373.0715	-0.5	327.0306	C 组
173	Mepanipyrim	噻菌胺	18.68	C <sub>14</sub> H <sub>13</sub> N <sub>3</sub>	110235-47-7	[M+H] <sup>+</sup>	224.1182	224.1181	-0.6	106.0659	C 组
174	Mephosfolan	地胺磷	11.13	C <sub>8</sub> H <sub>16</sub> NO <sub>3</sub> PS <sub>2</sub>	950-10-7	[M+H] <sup>+</sup>	270.0382	270.0384	0.7	139.9563	C 组
175	Mepronil	灭锈胺	18.03	C <sub>17</sub> H <sub>19</sub> NO <sub>2</sub>	55814-41-0	[M+H] <sup>+</sup>	270.1489	270.1484	-1.8	119.0494	C 组
176	Metalaxyl	甲霜灵	14.92	C <sub>15</sub> H <sub>21</sub> NO <sub>4</sub>	57837-19-1	[M+H] <sup>+</sup>	280.1543	280.1543	-0.2	160.1125	C 组
177	Metamitron	苯噻草酮	7.40	C <sub>10</sub> H <sub>10</sub> N <sub>4</sub> O	41394-05-2	[M+H] <sup>+</sup>	203.0927	203.0925	-1.3	175.0981	C 组
178	Metazachlor	吡唑草胺	14.55	C <sub>14</sub> H <sub>16</sub> ClN <sub>3</sub> O	67129-08-2	[M+H] <sup>+</sup>	278.1055	278.1055	0.1	134.0966	C 组
179	Metconazole	叶菌唑	21.47	C <sub>17</sub> H <sub>22</sub> ClN <sub>3</sub> O	125116-23-6	[M+H] <sup>+</sup>	320.1524	320.1522	-0.8	70.0404	C 组
180	Methabenzthiazuron	甲基苯噻隆	14.03	C <sub>10</sub> H <sub>11</sub> N <sub>3</sub> OS	18691-97-9	[M+H] <sup>+</sup>	222.0696	222.0694	-0.6	165.0480	C 组

序号	英文名	中文名	保留时间 (min)	分子式	CAS 号	电离模式	理论质量数	精确质量数	质量数精度 偏差 ( $1 \times 10^{-6}$ , ppm)	典型二级碎片 离子 (m/z)	备注
181	Methamidophos	甲胺磷	3.97	C <sub>2</sub> H <sub>8</sub> NO <sub>2</sub> PS	10265-92-6	[M+H] <sup>+</sup>	142.0086	142.0081	-3.4	94.0060	C 组
182	Methiocarb	甲硫威	16.83	C <sub>11</sub> H <sub>15</sub> NO <sub>2</sub> S	2032-65-7	[M+H] <sup>+</sup>	226.0896	226.09	1.5	169.0679	C 组
183	Methoprotryne	甲氧丙净	15.54	C <sub>11</sub> H <sub>21</sub> N <sub>5</sub> OS	841-06-5	[M+H] <sup>+</sup>	272.154	272.1533	-2.5	198.0807	C 组
184	Methoxyfenozide	甲氧虫酰肼	18.27	C <sub>22</sub> H <sub>28</sub> N <sub>2</sub> O <sub>3</sub>	161050-58-4	[M+H] <sup>+</sup>	369.2173	369.2328	4.2	133.0650	C 组
185	Metolachlor	异丙甲草胺	19.75	C <sub>15</sub> H <sub>22</sub> ClNO <sub>2</sub>	51218-45-2	[M+H] <sup>+</sup>	284.1412	284.1402	-3.3	252.1139	C 组
186	Metolcarb	速灭威	22.54	C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>	1129-41-5	[M+H] <sup>+</sup>	166.0863	166.0810	-3.2	109.0655	C 组
187	Metominostrobin-(E)	苯氧菌胺-(E)	15.30	C <sub>16</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>	133408-50-1	[M+H] <sup>+</sup>	285.1234	285.1224	-3.6	194.0590	C 组
188	Metominostrobin-(Z)	苯氧菌胺-(Z)	15.30	C <sub>16</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>	133408-51-2	[M+H] <sup>+</sup>	285.1234	285.1224	-3.6	194.0590	C 组
189	Metosulam	磺草唑胺	12.13	C <sub>14</sub> H <sub>13</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>4</sub> S	139528-85-1	[M+H] <sup>+</sup>	418.0138	418.014	0.4	174.9956	C 组
190	Metoxuron	甲氧隆	9.53	C <sub>10</sub> H <sub>13</sub> ClN <sub>2</sub> O <sub>2</sub>	19937-59-8	[M+H] <sup>+</sup>	229.0738	229.0735	-1.3	72.0444	C 组
191	Metrafenone	苯菌酮	22.04	C <sub>19</sub> H <sub>21</sub> BrO <sub>5</sub>	220899-03-6	[M+H] <sup>+</sup>	409.0645	409.0644	-0.3	226.9696	C 组
192	Metribuzin	噻草酮	11.48	C <sub>8</sub> H <sub>14</sub> N <sub>4</sub> O <sub>5</sub>	21087-64-9	[M+H] <sup>+</sup>	215.0961	215.096	-0.3	187.1022	C 组
193	Mevinphos	速灭磷	8.56	C <sub>7</sub> H <sub>13</sub> O <sub>6</sub> P	7786-34-7	[M+H] <sup>+</sup>	225.0523	225.0524	0.6	127.0162	C 组
194	Mexacarbate	兹克威	9.43	C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub>	315-18-4	[M+H] <sup>+</sup>	223.1441	223.1438	-1.5	151.0990	C 组
195	Molinate	禾草敌	18.13	C <sub>9</sub> H <sub>17</sub> NOS	2212-67-1	[M+H] <sup>+</sup>	188.1104	188.11	-1.9	55.0548	C 组
196	Monocrotophos	久效磷	7.28	C <sub>7</sub> H <sub>14</sub> NO <sub>5</sub> P	6923-22-4	[M+H] <sup>+</sup>	224.0682	224.0597	-3.8	127.0162	C 组
197	Monolinuron	绿谷隆	12.90	C <sub>9</sub> H <sub>13</sub> ClN <sub>2</sub> O <sub>2</sub>	1746-81-2	[M+H] <sup>+</sup>	215.0582	215.058	-1.1	126.0105	C 组
198	Myclobutanil	腈菌唑	18.07	C <sub>15</sub> H <sub>17</sub> ClN <sub>4</sub>	88671-89-0	[M+H] <sup>+</sup>	289.1215	289.1212	-0.8	70.0404	C 组
199	Napropamide	敌草胺	19.30	C <sub>17</sub> H <sub>21</sub> NO <sub>2</sub>	15299-99-7	[M+H] <sup>+</sup>	272.1645	272.1550	-3.5	171.0803	C 组
200	Norflurazon	氟草敏	15.11	C <sub>12</sub> H <sub>9</sub> ClF <sub>3</sub> N <sub>3</sub> O	27314-13-2	[M+H] <sup>+</sup>	304.0459	304.0453	-1.9	284.0393	C 组
201	Novaluron	氟酰胺	22.98	C <sub>17</sub> H <sub>9</sub> ClF <sub>8</sub> N <sub>2</sub> O <sub>4</sub>	116714-46-6	[M+H] <sup>+</sup>	493.0196	493.0208	2.5	158.0420	C 组
202	Nuarimol	氟苯嘧啶醇	16.79	C <sub>17</sub> H <sub>12</sub> ClFN <sub>2</sub> O	63284-71-9	[M+H] <sup>+</sup>	315.0695	315.0693	-0.6	252.0827	C 组
203	Ofurace	呋酰胺	11.74	C <sub>14</sub> H <sub>16</sub> ClNO <sub>3</sub>	58810-48-3	[M+H] <sup>+</sup>	282.0892	282.0889	-1.0	160.1121	C 组

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204	Omethoate	氧乐果	4.74	C <sub>5</sub> H <sub>12</sub> NO <sub>4</sub> PS	1113-02-6	[M+H] <sup>+</sup>	214.0297	214.0298	0.1	124.9823	C 组
205	Orbencarb	坪草丹	21.54	C <sub>12</sub> H <sub>16</sub> ClNOS	34622-58-7	[M+H] <sup>+</sup>	258.0714	258.0704	-4.0	125.0154	C 组
206	Oxadiazon	噁草酮	23.92	C <sub>15</sub> H <sub>18</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>3</sub>	19666-30-9	[M+H] <sup>+</sup>	345.0767	345.0767	-0.2	219.9578	C 组
207	Oxadixyl	噁霜灵	9.88	C <sub>14</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub>	77732-09-3	[M+H] <sup>+</sup>	279.1339	279.1342	0.9	219.1142	C 组
208	Oxycarboxin	氧化萎锈灵	8.11	C <sub>12</sub> H <sub>13</sub> NO <sub>4</sub> S	5259-88-1	[M+H] <sup>+</sup>	268.0638	268.0637	-0.4	175.0064	C 组
209	Oxydemeton-methyl	亚砷磷	5.39	C <sub>6</sub> H <sub>15</sub> O <sub>4</sub> PS <sub>2</sub>	301-12-2	[M+H] <sup>+</sup>	247.0222	247.0216	-2.3	169.0080	C 组
210	Paclobutrazol	多效唑	17.69	C <sub>15</sub> H <sub>20</sub> ClN <sub>3</sub> O	76738-62-0	[M+H] <sup>+</sup>	294.1368	294.1369	0.4	70.0402	C 组
211	Paraoxon-ethyl	对氧磷	14.01	C <sub>10</sub> H <sub>14</sub> NO <sub>6</sub> P	311-45-5	[M+H] <sup>+</sup>	276.0632	276.063	-0.6	219.9994	C 组
212	Paraoxon-methyl	甲基对氧磷	9.83	C <sub>8</sub> H <sub>10</sub> NO <sub>6</sub> P	950-35-6	[M+H] <sup>+</sup>	248.0319	248.0317	-0.5	202.0392	C 组
213	Pebulate	克草敌	22.12	C <sub>10</sub> H <sub>21</sub> NOS	1114-71-2	[M+H] <sup>+</sup>	204.1417	204.1337	-3.9	57.0704	C 组
214	Penconazole	戊菌唑	20.52	C <sub>13</sub> H <sub>15</sub> Cl <sub>2</sub> N <sub>3</sub>	66246-88-6	[M+H] <sup>+</sup>	284.0716	284.071	-2.1	158.9767	C 组
215	Pendimethalin	二甲戊灵	24.39	C <sub>13</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub>	40487-42-1	[M+H] <sup>+</sup>	282.1448	282.1449	0.2	212.0669	C 组
216	Phenthoate	稻丰散	20.32	C <sub>12</sub> H <sub>17</sub> O <sub>4</sub> PS <sub>2</sub>	2597-03-7	[M+H] <sup>+</sup>	321.0379	321.0386	2.4	135.0812	C 组
217	Phosalone	伏杀硫磷	21.74	C <sub>12</sub> H <sub>15</sub> ClNO <sub>4</sub> PS <sub>2</sub>	2310-17-0	[M+H] <sup>+</sup>	367.9941	367.9945	0.9	182.0012	C 组
218	Phosfolan	硫环磷	9.16	C <sub>7</sub> H <sub>14</sub> NO <sub>3</sub> PS <sub>2</sub>	947-02-4	[M+H] <sup>+</sup>	256.0226	256.0222	-1.4	139.9561	C 组
219	Phosfolan-Methyl	甲基硫环磷	5.98	C <sub>5</sub> H <sub>10</sub> NO <sub>3</sub> PS <sub>2</sub>	5120-23-0	[M+H] <sup>+</sup>	227.9913	227.9909	-1.7	167.9877	C 组
220	Phosphamidon	磷胺	10.21	C <sub>10</sub> H <sub>19</sub> ClNO <sub>3</sub> P	13171-21-6	[M+H] <sup>+</sup>	300.0762	300.0759	-1.0	127.0156	C 组
221	Phoxim	辛硫磷	21.46	C <sub>12</sub> H <sub>15</sub> N <sub>2</sub> O <sub>3</sub> PS	14816-18-3	[M+H] <sup>+</sup>	299.0614	299.0612	-0.7	77.0389	C 组
222	Picolinafen	氟吡酰草胺	23.63	C <sub>19</sub> H <sub>12</sub> F <sub>4</sub> N <sub>2</sub> O <sub>2</sub>	137641-05-5	[M+H] <sup>+</sup>	377.0908	377.0761	-3.9	238.0482	C 组
223	Picoxystrobin	啉氧菌酯	20.05	C <sub>18</sub> H <sub>16</sub> F <sub>3</sub> NO <sub>4</sub>	117428-22-5	[M+H] <sup>+</sup>	368.1104	368.1104	-0.1	145.0650	C 组
224	Pinoxaden	啉啉草酯	21.85	C <sub>23</sub> H <sub>32</sub> N <sub>2</sub> O <sub>4</sub>	243973-20-8	[M+H] <sup>+</sup>	401.2435	401.2424	-2.8	317.1833	C 组
225	Piperophos	哌草磷	22.67	C <sub>14</sub> H <sub>28</sub> NO <sub>3</sub> PS <sub>2</sub>	24151-93-7	[M+H] <sup>+</sup>	354.1321	354.1306	-4.2	170.9328	C 组
226	Pirimicarb	抗蚜威	11.24	C <sub>11</sub> H <sub>18</sub> N <sub>4</sub> O <sub>2</sub>	23103-98-2	[M+H] <sup>+</sup>	239.1503	239.1496	-2.8	72.0439	C 组
227	Pirimicarb-desmethyl	去甲基抗蚜威	7.08	C <sub>10</sub> H <sub>16</sub> N <sub>4</sub> O <sub>2</sub>	30614-22-3	[M+H] <sup>+</sup>	225.1346	225.1347	0.4	72.0440	C 组

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228	Pirimicarb-desmethyl- formamido	去甲基-甲酰氨基-抗 蚜威	11.45	C <sub>11</sub> H <sub>16</sub> N <sub>4</sub> O <sub>3</sub>	27218-04-8	[M+H] <sup>+</sup>	253.1295	253.1295	-0.2	72.0440	C 组
229	Pirimiphos-ethyl	嘧啶磷	23.82	C <sub>13</sub> H <sub>24</sub> N <sub>3</sub> O <sub>3</sub> PS	23505-41-1	[M+H] <sup>+</sup>	334.1349	334.1334	-4.5	198.1042	C 组
230	Pirimiphos-methyl	甲基嘧啶磷	21.70	C <sub>11</sub> H <sub>20</sub> N <sub>3</sub> O <sub>3</sub> PS	29232-93-7	[M+H] <sup>+</sup>	306.1036	306.0938	-3.2	164.1180	C 组
231	Pretilachlor	丙草胺	23.00	C <sub>17</sub> H <sub>26</sub> ClNO <sub>2</sub>	51218-49-6	[M+H] <sup>+</sup>	312.1725	312.1722	-0.9	252.1161	C 组
232	Prochloraz	咪鲜胺	21.31	C <sub>15</sub> H <sub>16</sub> C <sub>13</sub> N <sub>3</sub> O <sub>2</sub>	67747-09-5	[M+H] <sup>+</sup>	376.0381	376.0382	0.2	308.0006	C 组
233	Prometryne	扑草净	17.72	C <sub>10</sub> H <sub>19</sub> N <sub>5</sub> S	7287-19-6	[M+H] <sup>+</sup>	242.1434	242.1429	-1.8	158.0489	C 组
234	Propachlor	毒草胺	14.62	C <sub>11</sub> H <sub>14</sub> ClNO	1918-16-7	[M+H] <sup>+</sup>	212.0837	212.0833	-1.5	170.0763	C 组
235	Propamocarb	霜霉威	4.76	C <sub>9</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>	24579-73-5	[M+H] <sup>+</sup>	189.1598	189.1594	-1.8	102.0550	C 组
236	Propanil	敌稗	16.65	C <sub>9</sub> H <sub>9</sub> Cl <sub>2</sub> NO	709-98-8	[M+H] <sup>+</sup>	218.0134	218.0132	-0.7	127.0189	C 组
237	Propaphos	丙虫磷	20.75	C <sub>13</sub> H <sub>21</sub> O <sub>4</sub> PS	7292-16-2	[M+H] <sup>+</sup>	305.0971	305.0967	-1.3	141.0374	C 组
238	Propazine	扑灭津	16.78	C <sub>9</sub> H <sub>16</sub> ClN <sub>5</sub>	139-40-2	[M+H] <sup>+</sup>	230.1167	230.1086	-3.5	146.0228	C 组
239	Propiconazole	丙环唑	21.07	C <sub>15</sub> H <sub>17</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>2</sub>	60207-90-1	[M+H] <sup>+</sup>	342.0771	342.0764	-2.0	158.9769	C 组
240	Propyzamide	炔苯酰草胺	17.83	C <sub>12</sub> H <sub>11</sub> Cl <sub>2</sub> NO	23950-58-5	[M+H] <sup>+</sup>	256.0291	256.0288	-1.0	172.9568	C 组
241	Prothiofos	丙硫磷	25.67	C <sub>11</sub> H <sub>15</sub> Cl <sub>2</sub> O <sub>2</sub> PS <sub>2</sub>	34643-46-4	[M+H] <sup>+</sup>	344.9701	344.9705	1.1	240.9561	D 组
242	Pymetrozine	吡蚜酮	4.79	C <sub>10</sub> H <sub>11</sub> N <sub>5</sub> O	123312-89-0	[M+H] <sup>+</sup>	218.1036	218.1034	-0.9	105.0451	D 组
243	Pyracarbolid	吡喃灵	12.05	C <sub>13</sub> H <sub>15</sub> NO <sub>2</sub>	24691-76-7	[M+H] <sup>+</sup>	218.1176	218.1108	-3.1	125.0593	D 组
244	Pyraclostrobin	吡唑醚菌酯	21.50	C <sub>19</sub> H <sub>18</sub> ClN <sub>3</sub> O <sub>4</sub>	175013-18-0	[M+H] <sup>+</sup>	388.1059	388.1047	-2.9	163.0628	D 组
245	Pyrazophos	吡菌磷	21.97	C <sub>14</sub> H <sub>20</sub> N <sub>3</sub> O <sub>5</sub> PS	13457-18-6	[M+H] <sup>+</sup>	374.0934	374.0928	-1.5	222.0875	D 组
246	Pyridaben	哒螨灵	25.53	C <sub>19</sub> H <sub>25</sub> ClN <sub>2</sub> OS	96489-71-3	[M+H] <sup>+</sup>	365.1449	365.1433	-4.5	147.1171	D 组
247	Pyriftalid	环酯草醚	16.25	C <sub>15</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub> S	135186-78-6	[M+H] <sup>+</sup>	319.0747	319.0635	-3.5	139.0508	D 组
248	Pyrimethanil	嘧霉胺	15.92	C <sub>12</sub> H <sub>13</sub> N <sub>3</sub>	53112-28-0	[M+H] <sup>+</sup>	200.1182	200.1114	-3.4	168.0692	D 组
249	Pyrimidifen	嘧螨醚	23.75	C <sub>20</sub> H <sub>28</sub> ClN <sub>3</sub> O <sub>2</sub>	105779-78-0	[M+H] <sup>+</sup>	378.1943	378.1941	-0.5	184.0615	D 组
250	Pyriminobac-Methyl (Z)	嘧草醚-Z	16.38	C <sub>17</sub> H <sub>19</sub> N <sub>3</sub> O <sub>6</sub>	147411-70-9	[M+H] <sup>+</sup>	362.1347	362.1346	-0.2	330.1060	D 组

序号	英文名	中文名	保留时间 (min)	分子式	CAS 号	电离模式	理论质量数	精确质量数	质量数精度 偏差 ( $1 \times 10^{-6}$ , ppm)	典型二级碎片 离子 (m/z)	备注
251	Pyriproxyfen	吡丙醚	23.99	C <sub>20</sub> H <sub>19</sub> NO <sub>3</sub>	95737-68-1	[M+H] <sup>+</sup>	322.1438	322.1319	-3.7	96.0438	D 组
252	Pyroquilon	咯嗉酮	10.97	C <sub>11</sub> H <sub>11</sub> NO	57369-32-1	[M+H] <sup>+</sup>	174.0913	174.0908	-3.4	132.0806	D 组
253	Quinalphos	喹硫磷	20.36	C <sub>12</sub> H <sub>15</sub> N <sub>2</sub> O <sub>3</sub> PS	13593-03-8	[M+H] <sup>+</sup>	299.0614	299.0518	-3.2	163.0333	D 组
254	Quinoclamine	灭藻醌	10.69	C <sub>10</sub> H <sub>6</sub> ClNO <sub>2</sub>	2797-51-5	[M+H] <sup>+</sup>	208.016	208.0158	-0.9	105.0340	D 组
255	Quinoxifen	喹氧灵	24.17	C <sub>15</sub> H <sub>8</sub> Cl <sub>2</sub> FNO	124495-18-7	[M+H] <sup>+</sup>	308.004	307.9972	-2.2	196.9797	D 组
256	Resmethrin	苳呋菊酯	25.77	C <sub>22</sub> H <sub>26</sub> O <sub>3</sub>	10453-86-8	[M+H] <sup>+</sup>	339.1955	339.1952	-0.8	143.0854	D 组
257	Rotenone	鱼藤酮	19.87	C <sub>23</sub> H <sub>22</sub> O <sub>6</sub>	83-79-4	[M+H] <sup>+</sup>	395.1489	395.1486	-0.8	213.0921	D 组
258	Saflufenacil	苯嘧磺草胺	16.62	C <sub>17</sub> H <sub>17</sub> ClF <sub>4</sub> N <sub>2</sub> O <sub>5</sub> S	372137-35-4	[M+H] <sup>+</sup>	501.0617	501.0623	1.1	349.0003	D 组
259	Secbumeton	仲丁通	14.04	C <sub>10</sub> H <sub>19</sub> N <sub>5</sub> O	26259-45-0	[M+H] <sup>+</sup>	226.1662	226.166	-1.2	170.1028	D 组
260	Sethoxydim	烯禾啉	23.74	C <sub>17</sub> H <sub>29</sub> NO <sub>3</sub> S	74051-80-2	[M+H] <sup>+</sup>	328.1941	328.1938	-0.8	178.0862	D 组
261	Simeton	西玛通	8.59	C <sub>8</sub> H <sub>18</sub> N <sub>5</sub> O	673-04-1	[M+H] <sup>+</sup>	198.1349	198.1286	-3.2	68.0246	D 组
262	Simetryn	西草净	12.51	C <sub>8</sub> H <sub>18</sub> N <sub>5</sub> S	1014-70-6	[M+H] <sup>+</sup>	214.1121	214.1046	-3.5	124.0869	D 组
263	Spinetoram	乙基多杀菌素	22.15	C <sub>42</sub> H <sub>69</sub> NO <sub>10</sub>	187166-40-1	[M+H] <sup>+</sup>	748.4994	748.5002	1.0	142.1225	D 组
264	Spinosad	多杀霉素	21.04	C <sub>41</sub> H <sub>65</sub> NO <sub>10</sub>	168316-95-8	[M+H] <sup>+</sup>	732.4681	732.4675	-0.9	142.1220	D 组
265	Spirodiclofen	螺螨酯	25.20	C <sub>21</sub> H <sub>24</sub> Cl <sub>2</sub> O <sub>4</sub>	148477-71-8	[M+H] <sup>+</sup>	411.1124	411.1126	0.3	313.0394	D 组
266	Spirotetramat	螺虫乙酯	19.09	C <sub>21</sub> H <sub>27</sub> NO <sub>5</sub>	203313-25-1	[M+H] <sup>+</sup>	374.1962	374.1959	-0.8	216.1018	D 组
267	Spiroxamine	螺环菌胺	16.02	C <sub>18</sub> H <sub>35</sub> NO <sub>2</sub>	118134-30-8	[M+H] <sup>+</sup>	298.2741	298.274	-0.2	144.1380	D 组
268	Sulfentrazone	甲磺草胺	12.36	C <sub>11</sub> H <sub>10</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>4</sub> O <sub>3</sub> S	122836-35-5	[M+H] <sup>+</sup>	386.9892	386.9895	0.8	306.9960	D 组
269	Sulfotep	治螟磷	20.65	C <sub>8</sub> H <sub>20</sub> O <sub>5</sub> P <sub>2</sub> S <sub>2</sub>	3689-24-5	[M+H] <sup>+</sup>	323.03	323.0190	-3.4	96.9508	D 组
270	Tebuconazole	戊唑醇	20.72	C <sub>16</sub> H <sub>22</sub> ClN <sub>5</sub> O	107534-96-3	[M+H] <sup>+</sup>	308.1524	308.152	-1.2	70.0397	D 组
271	Tebufenpyrad	吡螨胺	23.58	C <sub>18</sub> H <sub>24</sub> ClN <sub>5</sub> O	119168-77-3	[M+H] <sup>+</sup>	334.1681	334.1567	-3.4	145.0535	D 组
272	Tebupirimfos	丁基嘧啶磷	23.82	C <sub>13</sub> H <sub>23</sub> N <sub>2</sub> O <sub>3</sub> PS	96182-53-5	[M+H] <sup>+</sup>	319.124	319.1236	-1.2	153.1027	D 组
273	Tebutam	牧草胺	19.78	C <sub>15</sub> H <sub>23</sub> NO	35256-85-0	[M+H] <sup>+</sup>	234.1852	234.1770	-3.5	91.0534	D 组
274	Tebuthiuron	丁噻隆	12.13	C <sub>9</sub> H <sub>16</sub> N <sub>4</sub> OS	34014-18-1	[M+H] <sup>+</sup>	229.1118	229.1111	-2.9	172.0895	D 组

序号	英文名	中文名	保留时间 (min)	分子式	CAS 号	电离模式	理论质量数	精确质量数	质量数精度 偏差 ( $1 \times 10^{-6}$ , ppm)	典型二级碎片 离子 (m/z)	备注
275	Terbumeton	特丁通	14.04	C <sub>10</sub> H <sub>19</sub> N <sub>5</sub> O	33693-04-8	[M+H] <sup>+</sup>	226.1662	226.166	-1.2	170.1028	D 组
276	Terbutylazine	特丁津	18.97	C <sub>9</sub> H <sub>16</sub> ClN <sub>5</sub>	5915-41-3	[M+H] <sup>+</sup>	230.1167	230.1089	-3.4	132.0330	D 组
277	Tetraconazole	四氟醚唑	19.08	C <sub>13</sub> H <sub>11</sub> Cl <sub>2</sub> F <sub>4</sub> N <sub>3</sub> O	112281-77-3	[M+H] <sup>+</sup>	372.0288	372.0291	0.9	158.9772	D 组
278	Tetramethrin	胺菊酯	23.51	C <sub>19</sub> H <sub>26</sub> N <sub>4</sub> O <sub>4</sub>	7696-12-0	[M+H] <sup>+</sup>	332.1856	332.1852	-1.2	164.0713	D 组
279	Thiabendazole	噻菌灵	6.97	C <sub>10</sub> H <sub>7</sub> N <sub>3</sub> S	148-79-8	[M+H] <sup>+</sup>	202.0433	202.0428	-2.7	175.0318	D 组
280	Thiabendazole-5-Hydroxy	噻苯咪唑-5-羟基	5.50	C <sub>10</sub> H <sub>7</sub> N <sub>3</sub> OS	948-71-0	[M+H] <sup>+</sup>	218.0383	218.038	-1.1	191.0276	D 组
281	Thiacloprid	噻虫啉	8.29	C <sub>10</sub> H <sub>9</sub> ClN <sub>3</sub> S	111988-49-9	[M+H] <sup>+</sup>	253.0309	253.0303	-2.4	126.0107	D 组
282	Thiamethoxam	噻虫嗪	5.66	C <sub>8</sub> H <sub>10</sub> ClN <sub>3</sub> O <sub>3</sub> S	153719-23-4	[M+H] <sup>+</sup>	292.0266	292.0265	-0.1	211.0655	D 组
283	Thiencarbazone-Methyl	噻酮磺隆	9.91	C <sub>12</sub> H <sub>14</sub> N <sub>4</sub> O <sub>7</sub> S <sub>2</sub>	317815-83-1	[M+H] <sup>+</sup>	391.0377	391.0378	0.2	130.0618	D 组
284	Thifensulfuron-methyl	噻吩磺隆	11.07	C <sub>12</sub> H <sub>13</sub> N <sub>5</sub> O <sub>6</sub> S <sub>2</sub>	79277-27-3	[M+H] <sup>+</sup>	388.038	388.0378	-0.6	167.0568	D 组
285	Thiobencarb	禾草丹	21.54	C <sub>12</sub> H <sub>16</sub> ClNOS	28249-77-6	[M+H] <sup>+</sup>	258.0714	258.0704	-4.0	125.0154	D 组
286	Thiophanate-Ethyl	硫菌灵	15.27	C <sub>14</sub> H <sub>18</sub> N <sub>4</sub> O <sub>4</sub> S <sub>2</sub>	23564-06-9	[M+H] <sup>+</sup>	371.0842	371.0839	-0.9	151.0318	D 组
287	Thiophanate-methyl	甲基硫菌灵	11.33	C <sub>12</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub> S <sub>2</sub>	23564-05-8	[M+H] <sup>+</sup>	343.0529	343.0529	-0.1	151.0322	D 组
288	Tiocabazil	仲草丹	24.70	C <sub>16</sub> H <sub>25</sub> NOS	36756-79-3	[M+H] <sup>+</sup>	280.173	280.1719	-3.7	91.0542	D 组
289	Tolclofos-methyl	甲基立枯磷	21.65	C <sub>9</sub> H <sub>11</sub> Cl <sub>2</sub> O <sub>3</sub> PS	57018-04-9	[M+H] <sup>+</sup>	300.9616	300.9613	-1.1	268.9371	D 组
290	Triadimefon	三唑酮	18.16	C <sub>14</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>2</sub>	43121-43-3	[M+H] <sup>+</sup>	294.1004	294.1003	-0.3	197.0741	D 组
291	Triallate	野麦畏	24.40	C <sub>10</sub> H <sub>16</sub> Cl <sub>3</sub> NOS	2303-17-5	[M+H] <sup>+</sup>	304.0091	304.008	-3.6	142.9225	D 组
292	Triapenthenol	抑芽唑	20.17	C <sub>15</sub> H <sub>25</sub> N <sub>3</sub> O	76608-88-3	[M+H] <sup>+</sup>	264.207	264.1980	-3.4	70.0400	D 组
293	Triazophos	三唑磷	18.50	C <sub>12</sub> H <sub>16</sub> N <sub>3</sub> O <sub>3</sub> PS	24017-47-8	[M+H] <sup>+</sup>	314.0723	314.0723	0.2	162.0652	D 组
294	Tributyl phosphate	磷酸三丁酯	22.69	C <sub>12</sub> H <sub>27</sub> O <sub>4</sub> P	126-73-8	[M+H] <sup>+</sup>	267.172	267.1618	-3.8	98.9834	D 组
295	Trichlorfon	敌百虫	7.44	C <sub>4</sub> H <sub>6</sub> Cl <sub>3</sub> O <sub>4</sub> P	52-68-6	[M+H] <sup>+</sup>	256.9299	256.9303	1.6	109.0054	D 组
296	Tricyclazole	三环唑	9.10	C <sub>9</sub> H <sub>7</sub> N <sub>3</sub> S	41814-78-2	[M+H] <sup>+</sup>	190.0433	190.0433	-0.2	136.0215	D 组
297	Tridemorph	十三吗啉	20.03	C <sub>19</sub> H <sub>39</sub> NO	81412-43-3	[M+H] <sup>+</sup>	298.3104	298.3102	-0.9	130.1235	D 组



序号	英文名	中文名	保留时间 (min)	分子式	CAS 号	电离模式	理论质量数	精确质量数	质量数精度 偏差 ( $1 \times 10^{-6}$ , ppm)	典型二级碎片 离子 (m/z)	备注
298	Trietazine	草达津	18.97	C <sub>9</sub> H <sub>16</sub> ClN <sub>5</sub>	1912-26-1	[M+H] <sup>+</sup>	230.1167	230.1077	-3.9	202.0862	D 组
299	Trifloxystrobin	肟菌酯	22.62	C <sub>20</sub> H <sub>19</sub> F <sub>3</sub> N <sub>2</sub> O <sub>4</sub>	141517-21-7	[M+H] <sup>+</sup>	409.137	409.135	-4.7	186.0525	D 组
300	Triflumizole	氟菌唑	22.62	C <sub>15</sub> H <sub>15</sub> ClF <sub>3</sub> N <sub>3</sub> O	99387-89-0	[M+H] <sup>+</sup>	346.0929	346.0926	-0.7	278.0569	D 组
301	Triflumuron	杀铃脲	21.56	C <sub>15</sub> H <sub>10</sub> ClF <sub>3</sub> N <sub>2</sub> O <sub>3</sub>	64628-44-0	[M+H] <sup>+</sup>	359.0405	359.0402	-0.8	156.0217	D 组
302	Triticonazole	灭菌唑	19.16	C <sub>17</sub> H <sub>20</sub> ClN <sub>3</sub> O	131983-72-7	[M+H] <sup>+</sup>	318.1368	318.1366	-0.5	70.0405	D 组
303	Uniconazole	烯效唑	19.68	C <sub>15</sub> H <sub>18</sub> ClN <sub>3</sub> O	83657-22-1	[M+H] <sup>+</sup>	292.1211	292.121	-0.3	70.0406	D 组
304	Vamidothion	蚜灭磷	7.21	C <sub>8</sub> H <sub>18</sub> NO <sub>4</sub> PS <sub>2</sub>	2275-23-2	[M+H] <sup>+</sup>	288.0488	288.0489	0.5	118.0321	D 组
305	Vernolate	灭草敌	22.12	C <sub>10</sub> H <sub>21</sub> NOS	1929-77-7	[M+H] <sup>+</sup>	204.1417	204.1337	-3.9	57.0704	D 组
306	Zoxamide	苯酰菌胺	21.16	C <sub>14</sub> H <sub>16</sub> Cl <sub>3</sub> NO <sub>2</sub>	156052-68-5	[M+H] <sup>+</sup>	336.0319	336.0314	-1.7	186.9715	D 组
307	Atrazine-d5	莠去津-D5	14.17	<sup>2</sup> H <sub>5</sub> C <sub>8</sub> H <sub>9</sub> ClN <sub>5</sub>	163165-75-1	[M+H] <sup>+</sup>	221.1324	221.1323	-0.7	179.0864	D 组

## 附 录 B

(资料性)

## 307 种化合物的定量校正因子

307种化合物在6种典型基质样品中定量回收率校正因子如表B. 1所示。

表 B. 1 307 种化合物在 6 种典型基质样品中定量回收率校正因子

序号	化合物	校正因子					
		生菜	芹菜	橙子	西红柿	苹果	大米
1	双苯基脲	1.3	1.3	1.3	1.3	1.0	1.3
2	2,6-二氯苯甲酰胺	1.0	1.0	1.0	1.3	1.0	0.8
3	3,4,5-混杀威	1.3	1.3	1.3	1.3	1.3	1.3
4	3-羟基克百威	1.0	1.0	1.0	1.0	0.6	1.0
5	4-十二烷基-2,6-二甲基吗啉	1.3	1.3	1.3	1.3	1.3	1.7
6	6-苄氨基嘌呤	1.3	1.0	1.3	0.8	0.8	1.0
7	氨基灵	1.3	1.7	1.0	1.3	1.0	1.3
8	胺菊酯	1.7	1.0	1.0	0.5	1.0	1.3
9	百治磷	0.8	1.0	1.0	1.0	1.0	1.3
10	拌种胺	1.3	1.3	1.3	1.3	1.3	1.7
11	拌种咯	1.0	1.0	1.3	1.0	0.8	1.3
12	倍硫磷	1.3	0.8	1.0	1.0	1.0	1.0
13	苯腈磷	1.3	1.3	1.3	1.3	1.3	1.0
14	苯菌酮	1.3	1.0	1.7	1.0	0.8	1.7
15	苯硫威	1.7	1.3	1.3	1.3	0.8	1.3
16	苯醚甲环唑	1.7	1.0	1.3	0.8	0.8	1.0
17	苯噻磺草胺	1.3	1.0	1.3	1.3	1.3	1.3
18	苯噻草酮	1.0	1.0	1.0	1.0	1.0	1.0
19	苯噻菌胺	1.7	1.3	1.3	1.0	1.0	1.7
20	苯噻酰草胺	1.3	0.8	1.3	1.3	1.3	1.3
21	苯霜灵	1.3	1.3	1.3	1.3	0.8	1.0
22	苯酰菌胺	1.7	1.3	1.3	1.3	0.8	1.7
23	苯线磷	1.3	1.3	1.3	1.0	0.8	1.7
24	苯锈啉	1.3	1.0	1.3	1.0	1.0	1.3
25	苯氧菌胺-(E)	1.0	1.0	1.3	1.0	1.0	1.3
26	苯氧菌胺-(Z)	1.3	1.3	1.3	1.3	1.0	1.3
27	吡丙醚	1.3	1.3	1.3	0.8	1.0	1.7
28	吡虫啉	0.7	0.8	1.0	1.0	0.8	1.3
29	吡虫啉脲	1.0	1.7	1.0	1.3	1.0	1.0
30	吡氟禾草酸	1.3	1.0	1.3	1.3	0.8	1.3
31	吡菌磷	1.7	1.0	1.3	1.0	1.0	1.0
32	吡螨胺	1.7	1.0	1.0	1.3	1.3	1.3
33	吡喃灵	1.0	1.0	0.8	0.8	1.0	1.3
34	吡蚜酮	1.3	1.3	1.3	1.3	1.3	1.3
35	吡唑草胺	1.3	1.3	1.3	1.3	1.3	1.3
36	吡唑解草酯	1.3	1.0	1.3	1.3	0.8	1.3
37	吡唑醚菌酯	1.3	1.0	1.7	1.3	1.0	1.3

序号	化合物	校正因子					
		生菜	芹菜	橙子	西红柿	苹果	大米
38	避蚊胺	1.0	1.0	0.8	1.0	0.8	1.0
39	苜呋菊酯	1.0	1.3	1.0	1.0	1.0	1.7
40	苜氯三唑醇	1.7	1.3	1.3	1.3	0.8	1.3
41	苜噻磺隆	1.3	1.3	1.3	1.3	1.3	1.7
42	丙草胺	1.3	1.0	1.0	1.0	1.0	1.3
43	丙虫磷	1.3	1.3	1.3	1.3	1.3	1.0
44	丙环唑	1.3	1.0	1.3	1.0	1.0	1.7
45	丙硫多菌灵	1.7	1.7	1.3	1.3	1.7	1.7
46	丙硫磷	1.3	1.3	1.3	1.3	1.3	1.3
47	草达津	1.3	1.3	1.3	1.3	1.3	1.3
48	除草定	1.3	1.3	1.3	1.3	1.3	1.7
49	除虫脲	1.3	1.3	1.3	1.3	1.3	1.3
50	除线磷	1.7	1.7	1.3	1.0	1.0	1.7
51	哒螨灵	0.6	0.8	0.8	0.6	0.8	0.8
52	稻丰散	1.0	1.7	1.3	1.0	1.0	1.7
53	稻瘟灵	1.3	1.0	1.3	1.0	0.8	1.7
54	敌百虫	1.3	1.3	1.0	0.8	1.3	1.0
55	敌稗	1.3	1.0	1.3	1.0	1.0	1.7
56	敌草胺	1.0	0.8	0.8	1.0	0.8	1.7
57	敌草隆	1.3	1.3	1.3	1.0	1.0	1.3
58	敌敌畏	1.3	1.0	1.0	1.0	1.0	1.3
59	敌瘟磷	1.3	1.3	1.3	1.3	0.8	1.3
60	敌蝇威	1.0	1.7	1.0	1.0	0.7	1.3
61	地胺磷	1.3	1.0	1.0	0.8	0.8	1.3
62	地虫硫磷	1.3	1.0	1.3	0.8	1.0	1.3
63	叠氮津	1.0	1.0	1.0	0.8	1.0	1.0
64	丁苯吗啉	1.3	1.3	1.3	1.3	1.3	1.3
65	丁基嘧啶磷	1.0	0.8	1.0	1.0	1.0	0.7
66	丁咪酰胺	1.3	1.0	1.3	1.7	1.3	1.3
67	丁噻隆	1.0	0.8	0.8	0.8	1.0	1.3
68	啉虫脒	1.0	1.0	1.0	1.0	1.0	0.8
69	啉酰菌胺	1.3	1.3	1.0	1.0	1.0	1.7
70	啉氧菌酯	1.3	1.0	1.0	0.8	1.0	1.3
71	毒草胺	0.8	0.8	0.8	0.8	0.8	1.0
72	毒死蜱	1.0	1.0	1.3	1.3	1.3	1.3
73	对氧磷	0.8	0.7	0.8	0.8	0.8	1.0
74	多菌灵	1.3	1.0	0.8	1.3	1.0	1.3
75	多杀霉素	1.7	1.3	1.7	1.7	0.8	1.3
76	多效唑	1.7	1.0	1.3	1.0	0.8	1.3
77	噁草酮	1.3	1.0	0.8	1.0	1.0	1.0
78	噁虫威	1.3	1.3	1.3	1.3	1.3	1.7
79	噁霜灵	1.3	1.3	1.3	1.0	0.7	1.3
80	噁唑禾草灵	1.3	1.0	1.0	0.6	1.0	1.7
81	噁唑磷	1.3	1.0	1.7	1.3	0.8	1.3
82	噁唑隆	1.7	1.7	1.3	1.3	0.8	1.3
83	二甲草胺	1.0	1.7	1.0	0.8	0.8	1.0

序号	化合物	校正因子					
		生菜	芹菜	橙子	西红柿	苹果	大米
84	二甲吩草胺	1.0	1.7	1.0	1.0	0.8	1.3
85	二甲嘧酚	1.3	1.7	0.8	1.0	1.3	1.0
86	二甲戊灵	0.6	0.6	0.6	1.0	1.3	0.7
87	二嗪磷	1.3	1.3	1.3	0.8	1.0	1.0
88	非草隆	1.7	1.3	1.3	1.3	1.0	1.3
89	粉唑醇	1.3	1.0	1.3	1.0	0.7	1.0
90	砒拌磷	1.0	1.7	1.0	0.8	0.8	1.0
91	呋草酮	1.7	1.3	1.3	1.0	1.0	1.7
92	呋虫胺	1.3	1.3	1.3	1.3	1.3	1.0
93	呋啉醇	1.3	1.0	1.3	1.0	1.0	1.3
94	呋霜灵	1.7	1.3	1.7	1.0	0.8	1.7
95	呋酰胺	1.3	1.0	1.0	0.8	0.8	1.3
96	呋线威	0.8	0.8	0.8	0.8	0.8	1.0
97	伏杀硫磷	1.3	1.3	1.3	1.3	1.3	1.3
98	氟苯嘧啶醇	1.7	1.3	1.7	1.0	0.8	1.7
99	氟吡禾灵	1.7	1.7	1.7	1.3	1.3	1.3
100	氟吡甲禾灵	1.3	0.8	1.0	0.8	1.0	1.3
101	氟吡菌胺	1.7	1.3	1.3	1.0	1.0	1.7
102	氟吡菌酰胺	1.3	0.8	1.3	1.3	0.8	1.7
103	氟吡酰草胺	1.3	1.0	1.0	1.0	1.3	1.0
104	氟丙嘧草酯	1.3	1.0	1.3	1.0	0.8	1.7
105	氟草隆	1.3	1.0	1.3	0.8	1.0	1.3
106	氟草敏	1.3	1.0	1.3	1.0	0.8	1.3
107	氟虫脲	1.0	0.7	1.3	1.0	1.0	0.6
108	氟丁酰草胺	1.7	1.3	1.3	1.3	1.0	1.3
109	氟啶虫酰胺	0.8	0.8	1.0	1.3	0.8	1.0
110	氟啶脲	1.3	1.3	1.3	1.3	1.3	1.0
111	氟硅唑	1.3	1.3	1.3	1.3	1.0	1.3
112	氟环唑	1.7	0.8	1.3	1.0	0.8	1.3
113	氟菌唑	0.8	0.8	0.8	0.8	1.0	1.3
114	氟唑唑	1.3	1.3	1.3	1.3	1.3	1.7
115	氟铃脲	1.3	1.3	1.3	1.3	1.3	1.3
116	氟硫草定	1.3	1.0	1.0	0.6	1.0	1.3
117	氟吗啉	1.3	1.0	1.3	1.0	0.8	1.3
118	氟啉菌酯	1.3	0.7	1.0	1.0	1.0	1.7
119	氟噻草胺	1.0	1.0	0.8	0.8	1.0	1.7
120	氟酰胺	1.7	1.3	1.3	1.0	0.8	1.3
121	氟酰胺脲	1.3	1.0	1.0	0.8	1.0	1.3
122	氟唑菌酰胺	1.3	1.0	1.3	1.3	1.0	1.7
123	咯嗪酮	1.3	0.8	1.3	0.6	1.0	1.3
124	庚烯磷	1.0	1.0	1.0	0.8	0.8	1.3
125	禾草丹	1.7	1.0	1.3	1.0	1.0	1.3
126	禾草敌	1.7	1.7	1.3	1.3	1.3	1.3
127	环丙津	0.7	0.8	1.0	1.0	1.0	1.3
128	环丙嘧啶醇	1.0	1.0	1.0	0.8	1.0	1.3
129	环丙唑醇	1.7	1.3	1.3	1.0	1.0	1.3

序号	化合物	校正因子					
		生菜	芹菜	橙子	西红柿	苹果	大米
130	环草敌	1.3	1.3	1.3	1.3	1.3	1.3
131	环氟菌胺	1.3	1.0	1.0	1.0	1.0	1.3
132	环嗪酮	1.0	1.0	1.0	1.0	1.0	1.3
133	环莠隆	1.3	1.3	1.3	1.3	1.3	1.3
134	环酯草醚	1.7	1.0	1.3	1.0	1.0	1.3
135	磺草灵	1.3	1.3	1.3	1.3	1.3	1.3
136	磺草唑胺	1.3	1.3	1.3	1.3	1.3	1.3
137	己唑醇	1.3	1.0	1.3	1.3	0.8	1.0
138	甲氨基阿维菌素	1.7	1.7	1.0	1.0	1.3	1.3
139	甲胺磷	1.3	1.7	1.0	1.3	1.3	1.0
140	甲呋酰胺	1.7	1.3	1.3	1.0	0.8	1.7
141	甲磺草胺	1.3	1.0	1.7	0.8	1.0	1.3
142	甲基胺苯磺隆	1.3	1.3	1.0	1.0	1.3	1.3
143	甲基苯噻隆	1.0	1.0	1.0	1.0	1.0	1.0
144	甲基吡啶磷	1.3	1.3	1.3	1.0	0.8	1.3
145	甲基毒死蜱	1.7	1.3	1.0	1.0	1.0	1.0
146	甲基对氧磷	1.0	0.8	1.0	1.0	0.8	1.3
147	甲基立枯磷	1.3	1.0	1.3	1.0	1.0	1.3
148	甲基硫环磷	1.0	1.0	1.0	1.0	1.0	1.3
149	甲基硫菌灵	1.3	1.7	1.0	0.8	1.0	1.3
150	甲基嘧啶磷	1.3	1.0	1.3	1.0	1.0	1.0
151	甲硫威	1.3	1.0	1.3	1.0	1.0	1.3
152	甲萘威	1.7	1.7	1.3	1.0	0.8	0.7
153	甲霜灵	1.0	1.0	1.3	1.0	1.0	1.3
154	甲氧丙净	1.3	1.0	1.0	1.0	0.8	1.3
155	甲氧虫酰肼	1.3	1.3	1.3	1.3	1.3	1.3
156	甲氧隆	1.3	1.0	1.0	1.0	1.3	1.3
157	解草啉	0.8	0.8	1.0	1.0	1.3	1.0
158	腈苯唑	1.7	1.0	1.3	1.3	0.8	1.7
159	腈菌唑	1.3	1.0	1.3	1.0	1.0	1.3
160	久效磷	1.3	1.3	1.3	1.3	1.3	1.3
161	糠菌唑	1.7	1.0	1.3	1.3	0.8	1.3
162	抗蚜威	1.0	0.8	0.8	0.8	1.0	1.3
163	克百威	1.3	1.0	1.3	0.8	0.7	1.0
164	克草敌	0.7	0.7	0.6	0.8	1.0	1.3
165	枯莠隆	1.0	1.7	1.0	1.0	0.8	1.3
166	喹硫磷	1.3	1.0	1.3	1.0	1.0	1.3
167	喹螨醚	1.3	1.7	0.8	1.0	1.0	0.6
168	喹氧灵	1.7	1.0	1.0	1.3	1.7	1.0
169	乐果	1.0	1.7	1.0	1.0	0.8	1.0
170	利谷隆	1.0	0.8	1.0	0.8	1.3	1.7
171	磷胺	1.0	1.0	0.8	1.0	1.0	1.3
172	磷酸三丁酯	1.7	1.3	1.3	1.0	0.7	1.0
173	硫环磷	1.3	1.0	1.0	1.0	1.0	1.3
174	硫菌灵	1.7	1.7	1.3	1.0	1.0	1.3
175	硫线磷	1.3	1.3	1.3	0.8	1.0	1.3

序号	化合物	校正因子					
		生菜	芹菜	橙子	西红柿	苹果	大米
176	螺虫乙酯	1.3	1.3	1.3	1.3	1.3	1.7
177	螺环菌胺	1.3	1.3	1.3	1.3	1.3	1.3
178	螺螨酯	1.3	1.3	1.0	1.0	1.3	1.0
179	绿谷隆	1.0	1.0	1.0	1.0	1.0	1.3
180	绿麦隆	1.3	1.3	1.3	0.8	0.8	1.0
181	氯苯嘧啶醇	1.3	0.8	1.0	1.0	1.0	1.3
182	氯吡脞	1.3	1.0	1.3	1.0	1.7	1.7
183	氯草敏	1.3	1.3	1.3	1.3	1.3	1.3
184	氯氟吡氧乙酸	0.8	0.7	1.0	1.0	1.0	0.6
185	氯磺隆	1.3	1.7	1.7	1.7	1.3	1.7
186	氯唑磷	1.7	1.0	1.3	1.3	1.0	1.0
187	马拉硫磷	1.3	0.8	1.0	1.0	1.0	1.7
188	麦草氟异丙酯	1.3	1.0	1.3	1.3	0.8	1.3
189	麦穗宁	1.3	1.3	1.0	1.0	1.3	1.7
190	麦锈灵	1.3	1.3	1.3	1.0	0.8	1.0
191	咪草酸	1.3	1.3	1.3	1.0	1.0	1.3
192	咪鲜胺	1.3	0.8	1.0	1.0	1.0	1.3
193	咪唑菌酮	1.3	1.3	1.3	1.0	0.8	1.3
194	醚菌胺	1.3	1.7	1.3	1.3	0.8	1.3
195	啞草醚-Z	0.8	0.7	0.8	0.8	0.8	1.3
196	啞啶磷	1.0	0.8	0.8	1.0	1.0	0.6
197	啞菌胺	1.0	1.7	1.3	1.0	1.0	1.3
198	啞菌环胺	1.7	1.7	1.7	1.7	1.3	1.3
199	啞菌酯	1.0	0.8	1.0	1.3	0.8	1.7
200	啞螨醚	1.7	0.8	1.0	0.6	1.7	1.0
201	啞霉胺	1.7	0.6	1.7	0.8	0.7	1.7
202	灭草敌	0.7	0.8	1.3	0.8	1.0	1.3
203	灭害威	0.6	0.8	1.0	1.0	1.3	1.3
204	灭菌磷	1.7	1.0	1.3	1.3	1.3	1.3
205	灭菌唑	1.3	1.7	1.7	1.0	0.8	1.7
206	灭线磷	1.7	1.3	1.3	1.0	1.0	1.7
207	灭锈胺	1.3	1.0	1.3	1.0	0.8	1.0
208	灭藻醌	1.3	1.0	1.7	1.0	1.0	1.3
209	牧草胺	1.7	1.3	1.3	1.0	0.8	1.0
210	萘乙酰胺	1.3	1.3	1.0	0.6	1.0	1.3
211	哌草磷	1.7	1.0	1.3	1.0	0.8	0.8
212	坪草丹	1.3	1.3	1.3	1.3	1.3	1.3
213	扑草净	1.3	1.3	1.3	1.0	0.8	1.3
214	扑灭津	1.3	1.3	1.3	1.3	1.3	1.7
215	噻草酸甲酯	1.7	1.0	1.0	1.3	1.0	1.7
216	噻草酮	1.0	1.7	0.8	1.0	1.0	1.3
217	氰草津	0.8	1.0	0.8	0.8	0.8	1.3
218	去甲基-甲酰氨基-抗蚜威	1.3	1.3	1.3	1.3	1.3	1.3
219	去甲基抗蚜威	0.8	1.0	1.0	1.0	1.3	1.3
220	去乙基阿特拉津	1.3	1.3	1.3	1.3	1.0	1.3
221	炔苯酰草胺	1.3	1.3	1.3	1.3	1.3	1.3

序号	化合物	校正因子					
		生菜	芹菜	橙子	西红柿	苹果	大米
222	噻苯咪唑-5-羟基	1.7	1.7	1.3	1.7	1.7	1.3
223	噻虫胺	0.7	0.8	1.0	1.0	0.8	1.3
224	噻虫啉	1.0	1.0	1.3	1.0	1.0	1.3
225	噻虫嗪	1.0	0.7	1.0	1.0	1.3	1.3
226	噻吩磺隆	1.3	1.3	1.7	1.3	1.3	1.7
227	噻菌灵	1.3	1.3	1.7	1.0	1.3	1.7
228	噻螨酮	0.8	0.8	1.3	1.0	1.3	1.3
229	噻嗪酮	1.3	1.0	1.0	1.0	1.0	0.8
230	噻酮磺隆	1.0	1.0	1.7	1.3	0.8	1.3
231	噻唑磷	1.3	1.0	1.0	1.0	0.8	1.3
232	三环唑	1.3	1.7	1.7	1.0	1.3	1.3
233	三唑磷	1.3	1.3	1.3	1.0	1.0	1.3
234	三唑酮	1.0	0.7	0.8	1.0	1.0	1.3
235	杀铃脲	1.3	1.0	1.0	1.0	1.3	1.3
236	杀螟腈	1.3	0.8	1.0	1.3	1.0	1.0
237	莎稗磷	1.7	1.3	1.3	1.3	0.8	1.7
238	十二环吗啉	1.3	1.3	1.3	1.3	1.3	1.3
239	十三吗啉	1.3	0.8	0.8	1.0	1.0	1.7
240	双苯恶唑酸	1.3	1.7	1.3	0.8	1.0	1.3
241	双苯酰草胺	1.7	1.7	1.3	0.8	0.8	1.0
242	双炔酰菌胺	1.0	0.8	1.0	0.8	0.8	1.7
243	双酰草胺	1.0	1.0	1.0	1.0	1.0	1.3
244	霜霉威	1.3	1.3	1.3	1.3	1.0	1.3
245	四氟醚唑	1.3	1.0	1.3	1.0	1.0	1.7
246	速灭磷	1.0	1.0	1.0	0.8	1.0	1.0
247	速灭威	1.7	1.3	1.3	1.0	0.8	1.3
248	特丁津	1.3	1.3	1.3	1.3	1.3	1.3
249	特丁通	1.0	0.8	1.0	0.8	0.8	1.0
250	萎锈灵	1.3	1.3	0.8	0.8	1.0	1.7
251	肟菌酯	1.7	1.3	1.0	0.8	1.0	1.3
252	戊草丹	1.0	0.5	1.3	0.5	0.8	0.7
253	戊菌唑	1.3	1.0	1.3	1.0	1.0	1.3
254	戊唑醇	1.3	1.7	1.3	1.3	1.3	1.0
255	西草净	1.3	1.0	1.0	1.0	1.3	1.3
256	西玛通	0.8	1.0	1.3	1.0	1.0	1.3
257	烯禾啉	1.3	1.0	0.8	0.6	1.3	1.3
258	烯酰吗啉	1.3	1.7	1.0	1.0	1.0	1.3
259	烯效唑	1.7	1.3	1.3	1.0	1.0	1.3
260	烯唑醇	1.7	1.7	1.7	1.0	1.0	1.3
261	啶霉威	1.0	1.7	1.0	1.0	0.8	1.7
262	辛硫磷	1.3	1.0	1.3	1.0	1.0	1.3
263	蚜灭磷	1.7	0.6	1.3	1.0	1.0	1.0
264	亚砷磷	0.8	0.8	1.0	1.0	1.0	1.3
265	氧化萎锈灵	1.0	0.8	0.8	1.0	1.0	1.3
266	氧环唑	1.3	1.3	1.3	1.0	0.8	1.3
267	氧乐果	0.8	0.8	1.3	1.3	1.0	1.0

序号	化合物	校正因子					
		生菜	芹菜	橙子	西红柿	苹果	大米
268	氧异柳磷	1.7	1.3	1.3	1.3	0.8	1.7
269	野麦畏	1.0	0.8	1.0	0.8	1.3	0.7
270	叶菌唑	1.7	1.0	1.3	1.0	1.0	1.3
271	乙拌磷砒	1.7	1.7	1.7	1.0	0.8	1.0
272	乙虫腓	1.3	1.0	1.3	1.0	1.0	1.7
273	乙环唑	1.0	1.7	1.7	1.0	1.0	1.3
274	乙基多杀菌素	1.7	1.3	1.7	1.0	1.0	1.7
275	乙硫磷	1.7	1.3	0.8	1.3	1.0	1.7
276	乙螨唑	1.0	0.6	1.0	1.0	1.0	1.0
277	乙嘧酚	1.3	1.3	0.8	1.0	1.3	1.0
278	乙嘧酚磺酸酯	1.3	1.3	1.3	1.0	1.0	1.7
279	乙羧氟草醚	1.3	0.8	1.0	0.8	1.3	1.3
280	异丙甲草胺	1.3	1.3	1.3	1.0	0.8	1.3
281	异丙净	1.7	1.7	1.3	1.3	0.8	1.7
282	异丙乐灵	0.6	0.8	0.8	0.8	1.3	0.8
283	异丙隆	1.3	1.0	1.3	0.8	1.0	1.3
284	异稻瘟净	1.3	1.3	1.3	1.0	0.8	1.3
285	异噁草酮	1.0	0.8	1.3	1.0	1.0	1.0
286	异噁酰草胺	1.7	1.3	1.3	1.0	1.0	1.3
287	异噁唑草酮	1.3	1.3	1.3	1.3	1.3	1.7
288	异戊乙净	1.3	1.7	1.0	0.8	0.7	1.7
289	抑霉唑	1.3	1.0	1.3	1.0	1.0	1.7
290	抑芽唑	1.7	1.3	1.3	1.0	1.0	1.3
291	茚虫威	1.3	1.0	1.7	1.0	1.0	1.3
292	蝇毒磷	1.7	1.3	1.3	1.0	1.3	1.0
293	莠灭净	1.0	1.0	1.0	0.8	1.0	1.0
294	莠去津	1.0	1.0	0.8	0.8	1.0	1.3
295	莠去通	1.0	1.0	1.0	0.8	1.0	1.3
296	鱼藤酮	1.7	1.0	1.3	1.3	0.8	1.3
297	治螟磷	1.0	0.7	0.8	0.8	1.0	1.3
298	仲草丹	1.3	0.7	1.7	1.0	1.0	0.8
299	仲丁灵	0.5	0.7	0.6	0.8	1.0	0.6
300	仲丁通	1.0	0.8	1.0	0.8	0.8	1.0
301	仲丁威	1.3	1.3	1.3	1.3	1.3	1.3
302	兹克威	1.3	1.3	1.0	0.8	1.0	1.3
303	唑草胺	1.3	1.3	1.3	1.3	1.3	1.3
304	唑啉草酯	1.3	1.0	1.3	1.3	1.0	1.7
305	唑螨酯	0.5	0.7	0.8	0.6	0.8	1.3
306	唑啉菌胺	1.7	1.7	1.7	1.3	1.3	1.0



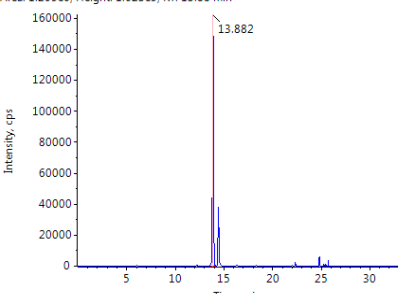
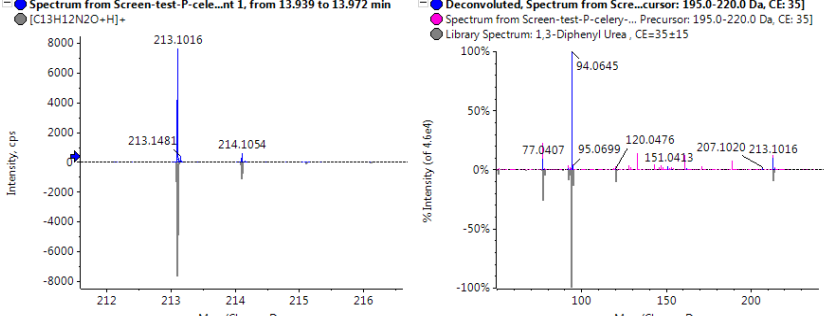
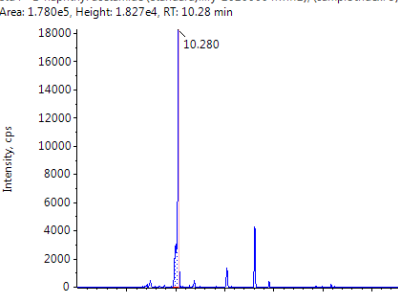
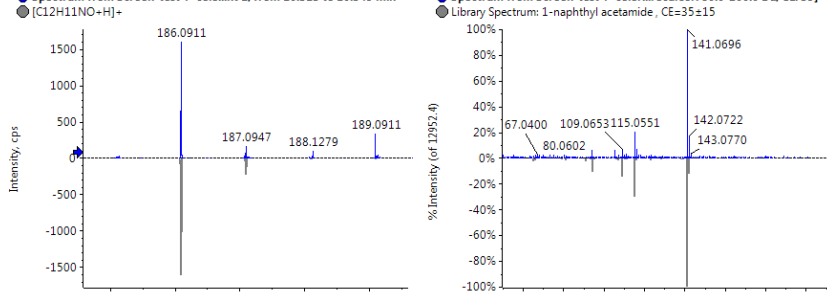
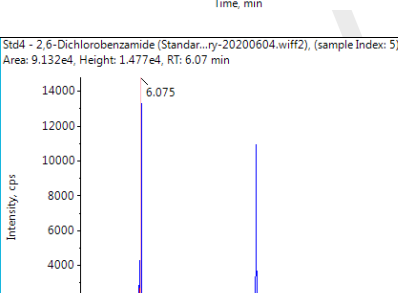
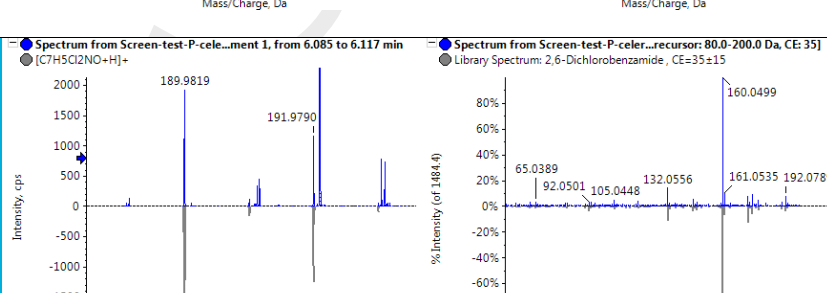
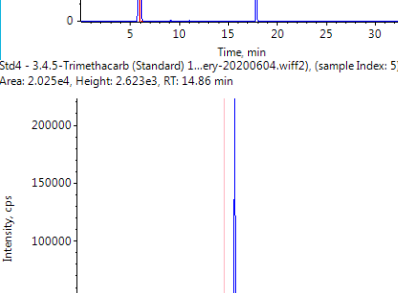
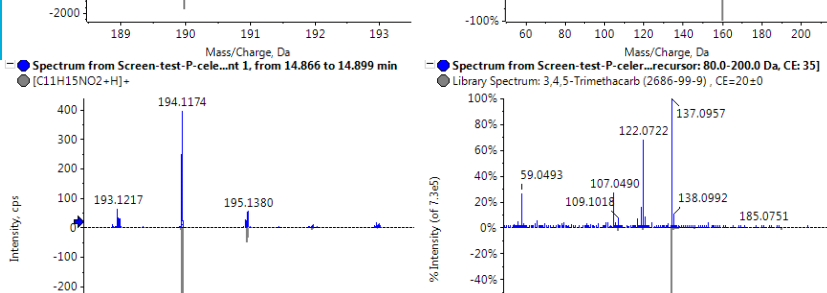
## 附录 C

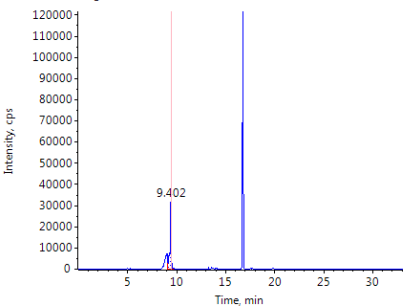
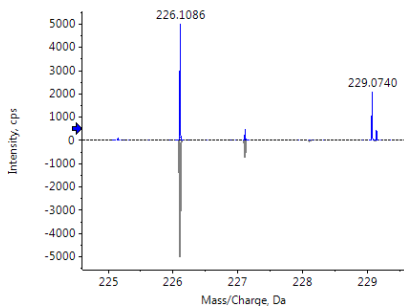
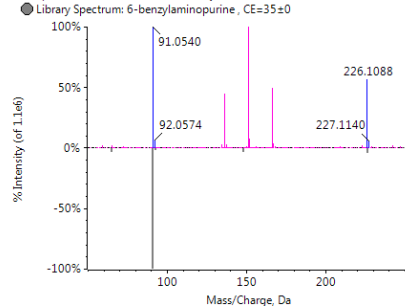
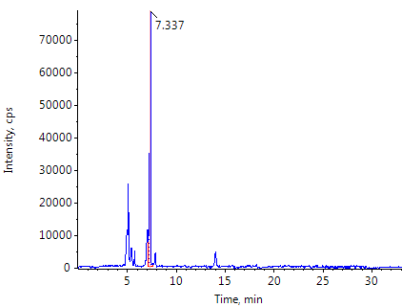
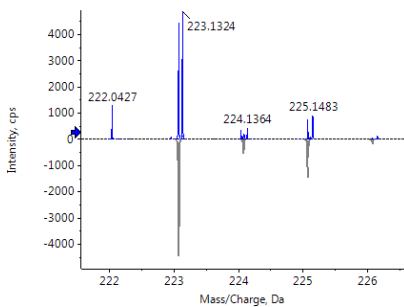
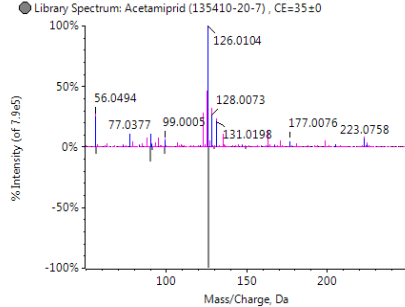
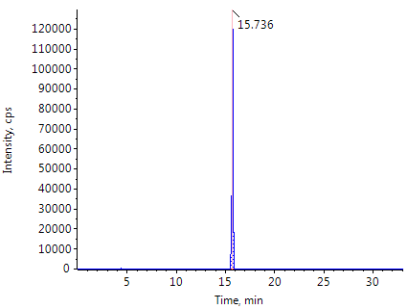
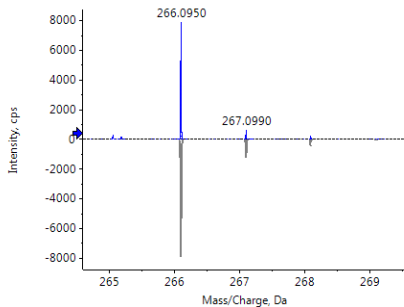
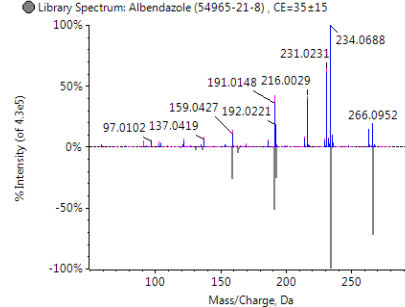
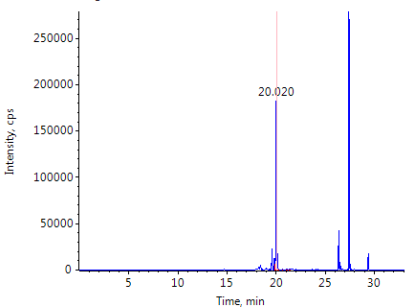
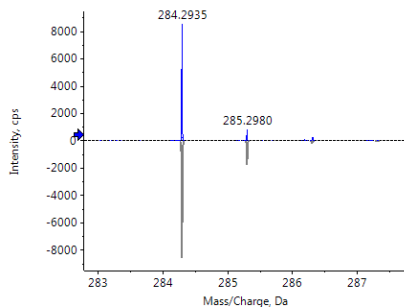
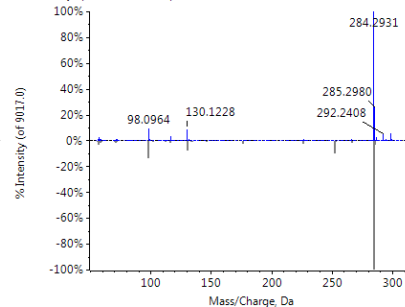
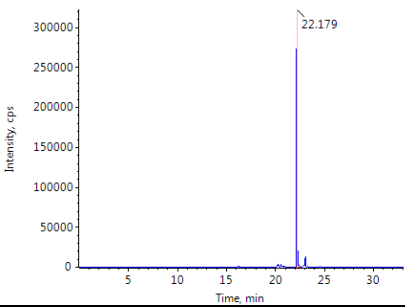
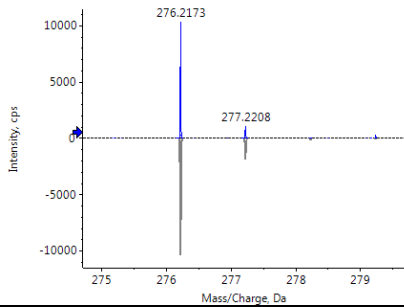
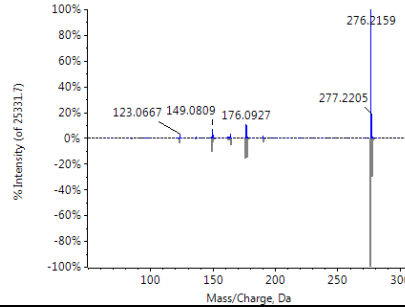
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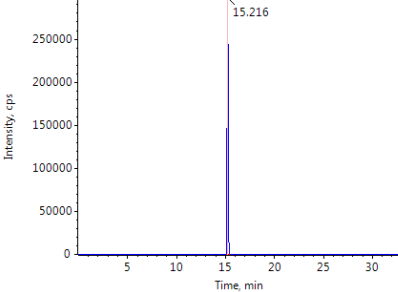
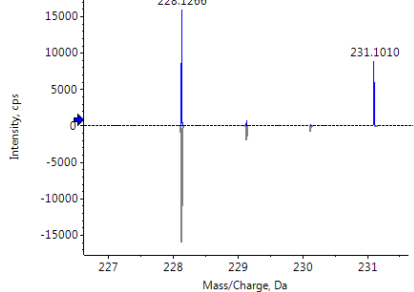
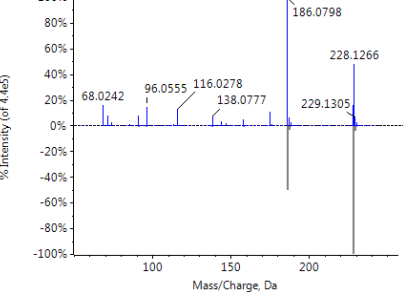
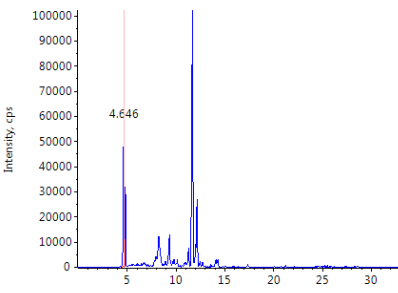
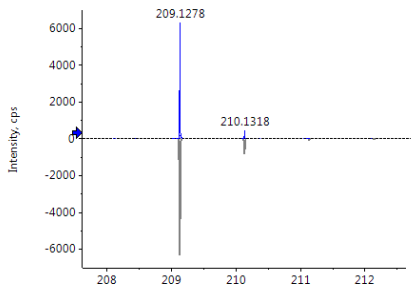
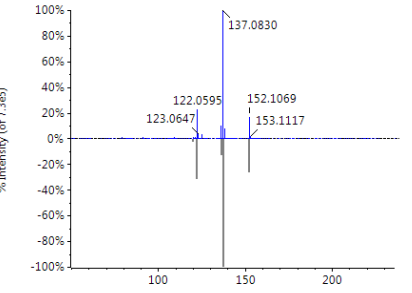
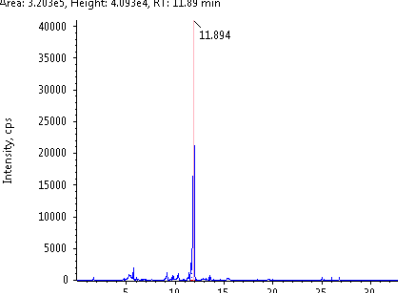
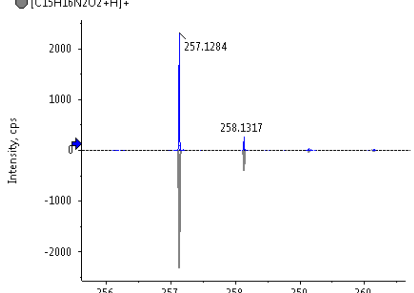
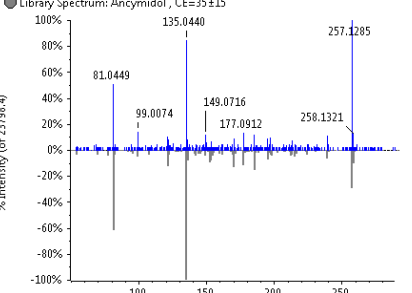
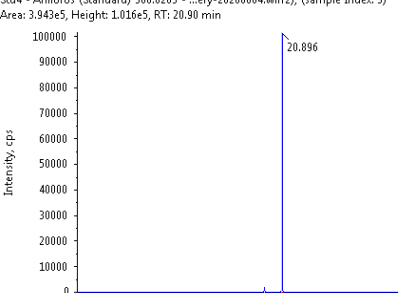
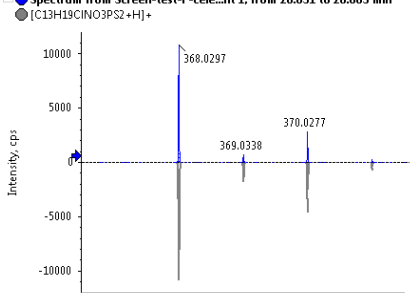
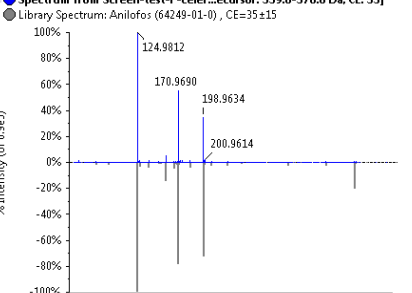
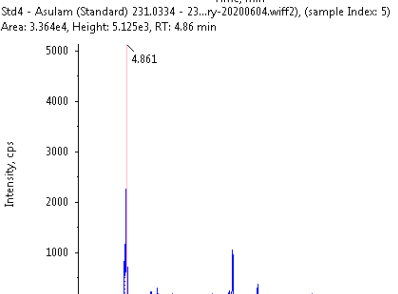
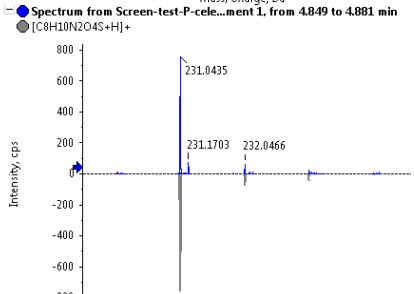
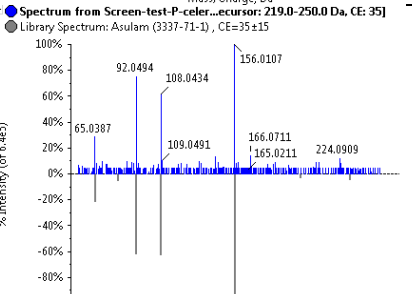
## 307种化合物的标准溶液色谱图、TOF-MS一级和TOF-MS/MS二级质谱图

307种化合物浓度为0.01 mg/L标准溶液的色谱图、TOF-MS一级和TOF-MS/MS二级质谱图如表C.1所示。

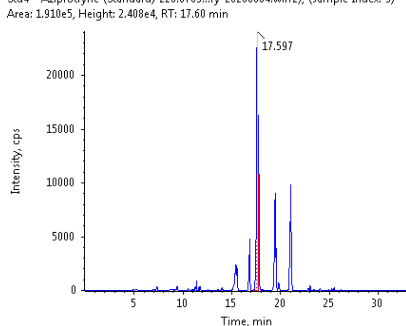
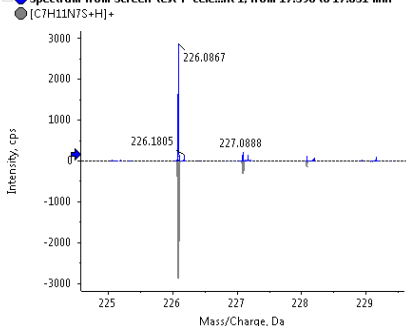
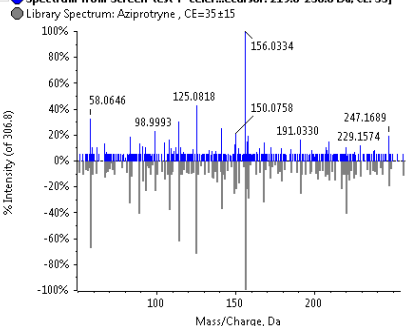
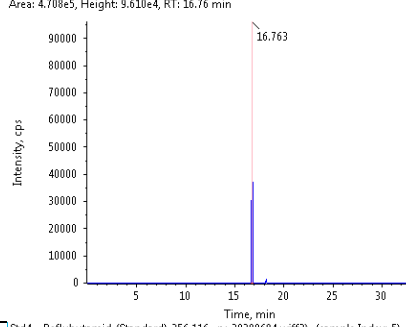
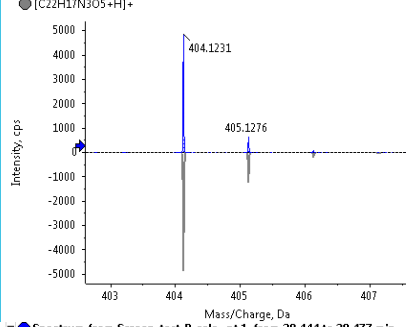
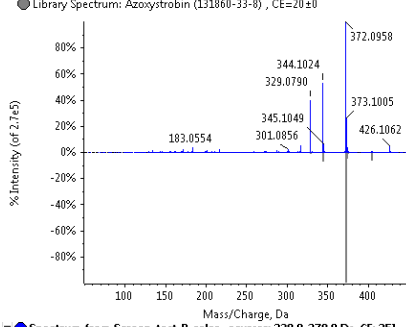
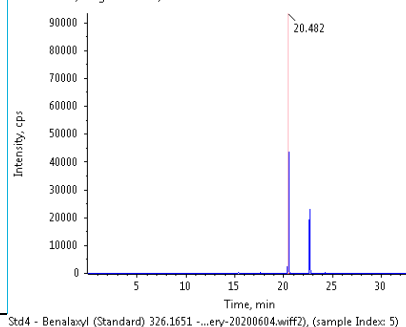
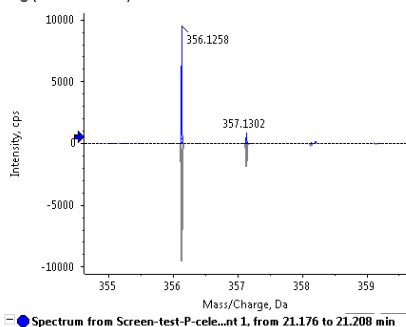
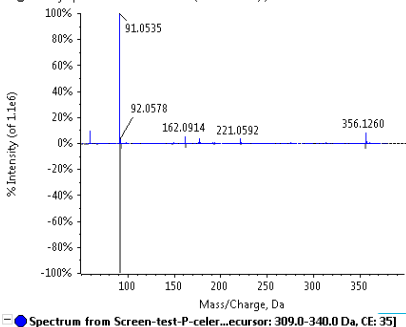
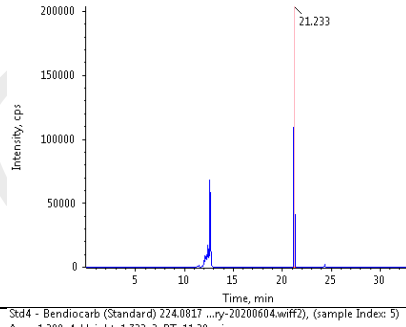
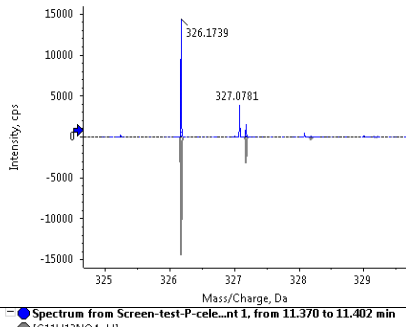
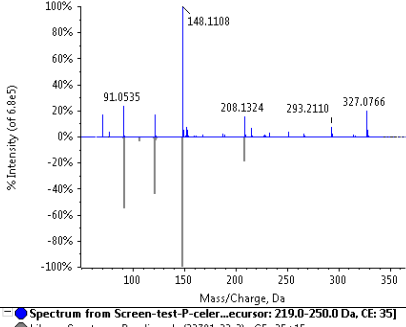
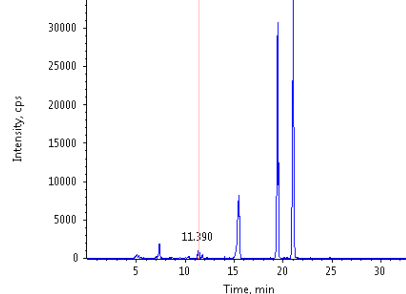
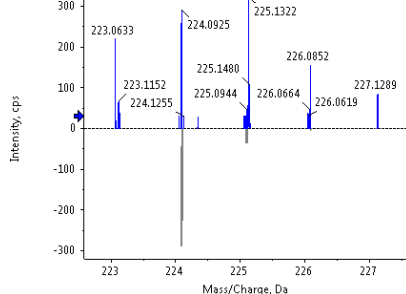
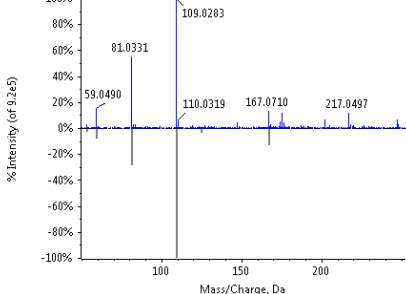
表 C.1 307 种化合物的标准溶液色谱图、TOF-MS 一级和 TOF-MS/MS 二级质谱图

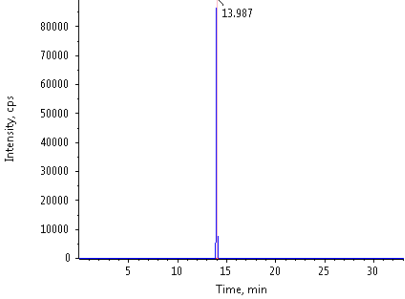
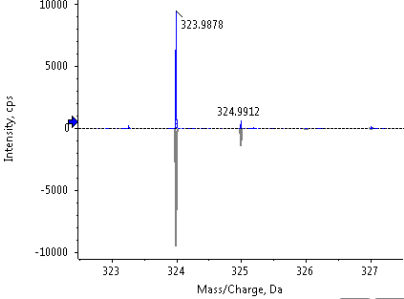
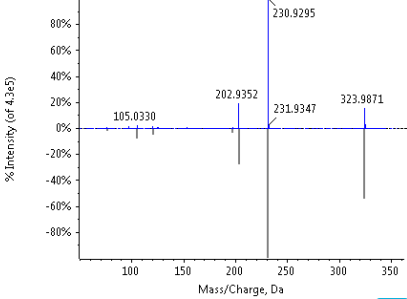
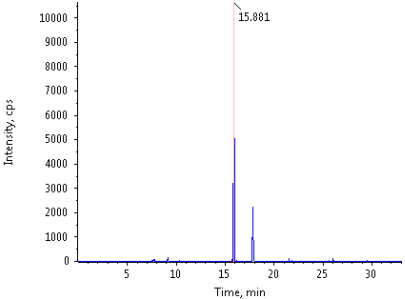
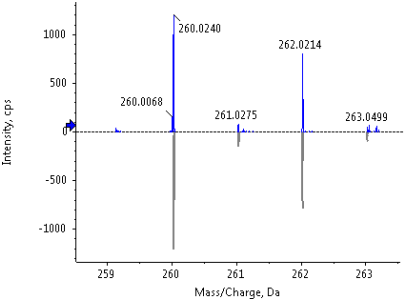
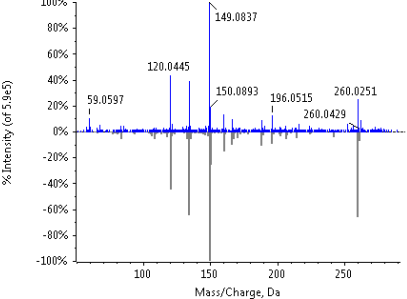
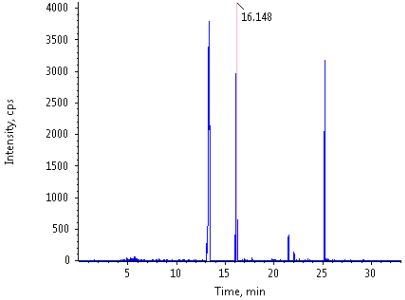
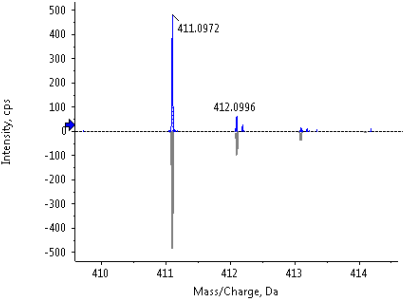
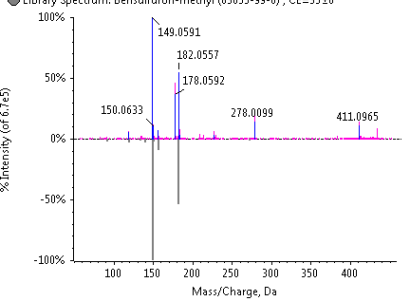
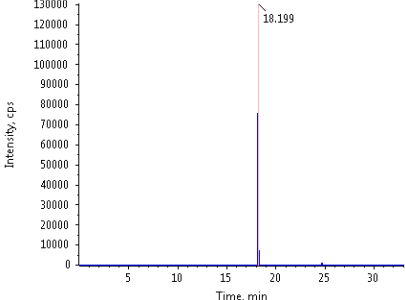
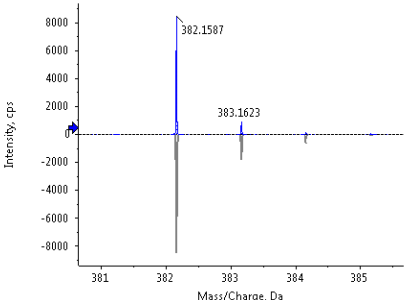
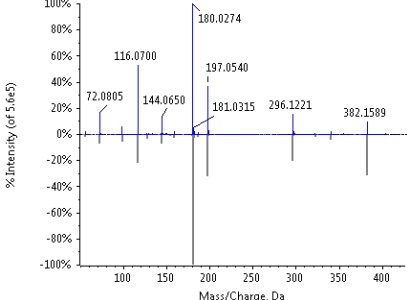
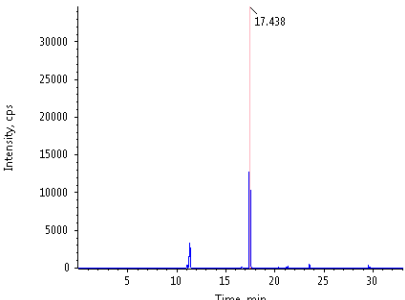
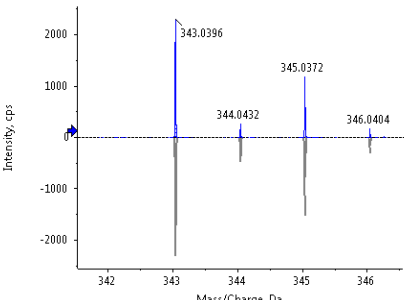
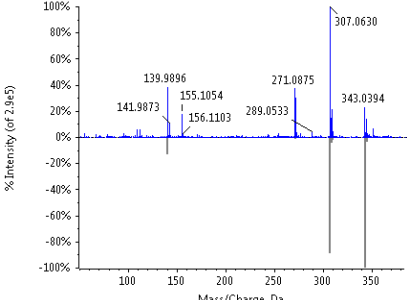
序号	化合物	一级图谱	二级图谱
1	双苯基脲	Std4 - 1,3-Diphenyl Urea (Standard) 21...ry-20200604.wiff2), (sample Index: 5) Area: 1.205e6, Height: 1.623e5, RT: 13.88 min 	
2	萘乙酰胺	Std4 - 1-naphthyl acetamide (Standard) 21...ry-20200604.wiff2), (sample Index: 5) Area: 1.780e5, Height: 1.827e4, RT: 10.28 min 	
3	2,6-二氯苯甲酰胺	Std4 - 2,6-Dichlorobenzamide (Standard) 21...ry-20200604.wiff2), (sample Index: 5) Area: 9.132e4, Height: 1.477e4, RT: 6.07 min 	
4	3,4,5-混杀威	Std4 - 3,4,5-Trimethacarb (Standard) 21...ry-20200604.wiff2), (sample Index: 5) Area: 2.025e4, Height: 2.623e3, RT: 14.86 min 	

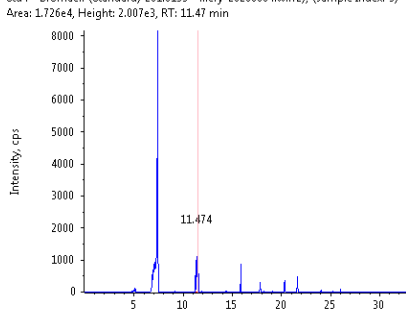
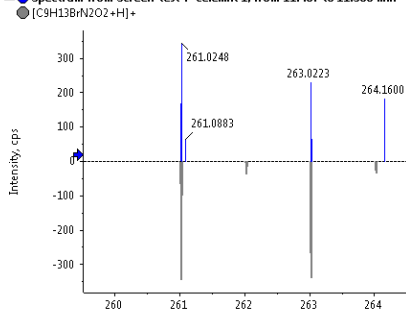
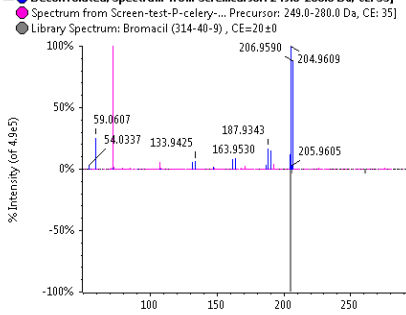
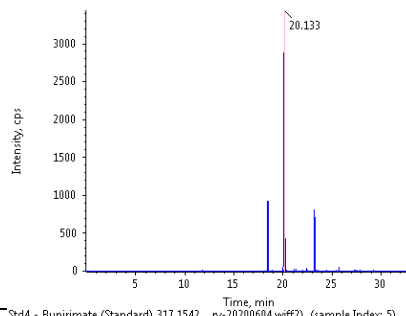
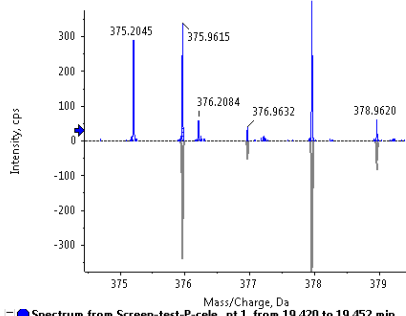
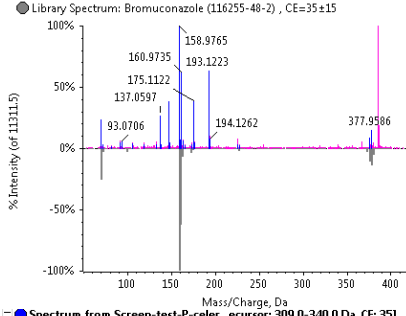
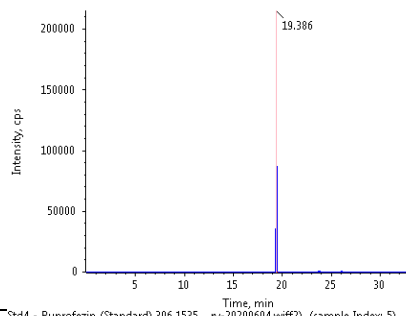
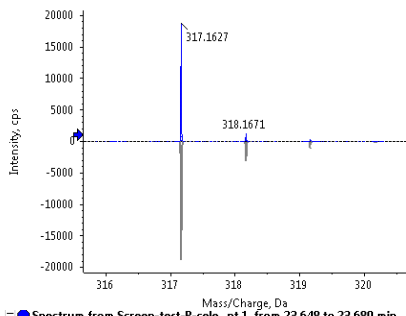
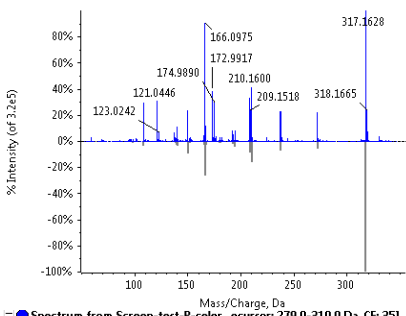
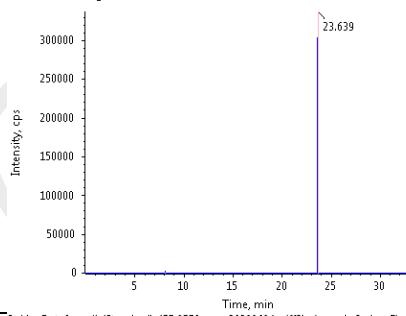
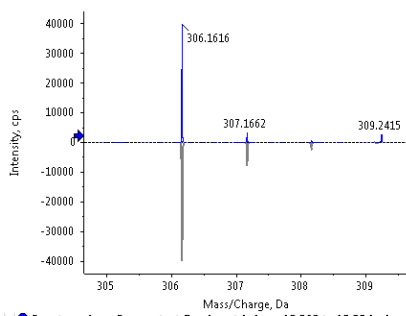
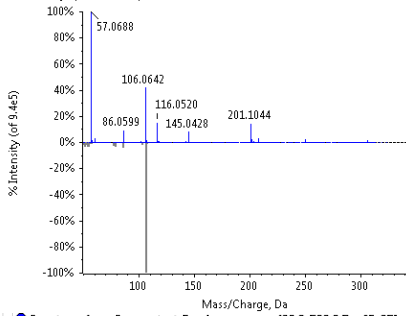
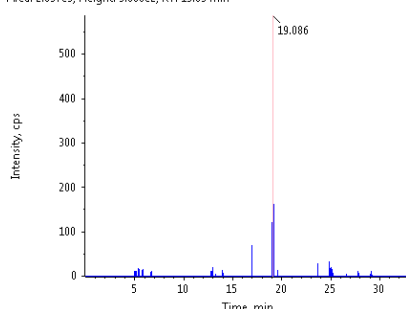
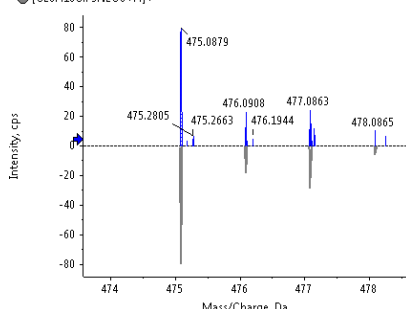
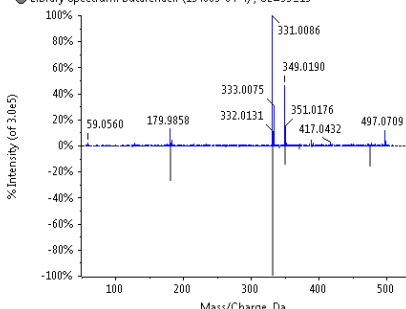
序号	化合物	一级图谱	二级图谱
5	6-苄基嘌呤	<p>Std4 - 6-Benzylaminopurine (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 2.595e5, Height: 3.166e4, RT: 9.40 min</p> 	<p>● Spectrum from Screen-test-P-celery...ment 1, from 9.386 to 9.418 min ● [C12H11N5+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: 6-benzylaminopurine, CE=35±0</p> 
6	啉虫脒	<p>Std4 - Acetamiprid (Standard) 223.0645...ry-20200604.wiff2), (sample Index: 5) Area: 5.532e5, Height: 7.849e4, RT: 7.34 min</p> 	<p>● Spectrum from Screen-test-P-celery...ment 1, from 7.369 to 7.402 min ● [C10H11ClN4+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Acetamiprid (135410-20-7), CE=35±0</p> 
7	丙硫多菌灵	<p>Std4 - Albendazole (Standard) 266.0858...ry-20200604.wiff2), (sample Index: 5) Area: 1.001e6, Height: 1.295e5, RT: 15.74 min</p> 	<p>● Spectrum from Screen-test-P-celery...nt 1, from 15.793 to 15.826 min ● [C12H15N3O2S+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Albendazole (54965-21-8), CE=35±15</p> 
8	4-十二烷基-2,6-二甲基吗啉	<p>Std4 - Aldimorph (Standard) 284.2848 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.177e6, Height: 1.826e5, RT: 20.02 min</p> 	<p>● Spectrum from Screen-test-P-celery...nt 1, from 20.086 to 20.119 min ● [C18H37NO+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celery...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Aldimorph, CE=35±15</p> 
9	唑啉菌胺	<p>Std4 - Ametoctradin (Standard) 276.208...ry-20200604.wiff2), (sample Index: 5) Area: 1.798e6, Height: 3.224e5, RT: 22.18 min</p> 	<p>● Spectrum from Screen-test-P-celery...nt 1, from 22.233 to 22.266 min ● [C15H25N5+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celery...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Ametoctradin, CE=35±15</p> 

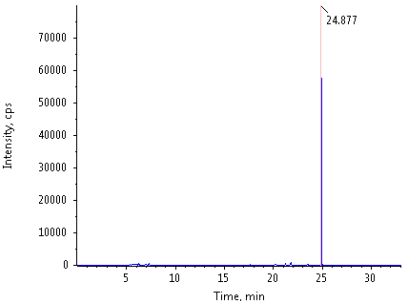
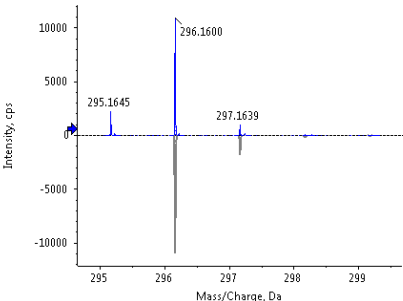
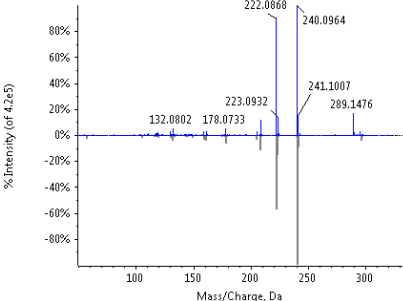
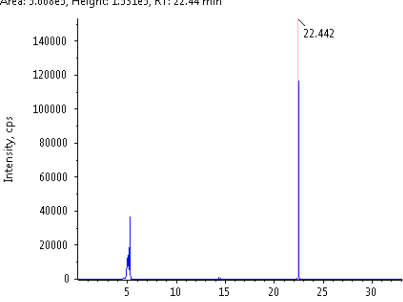
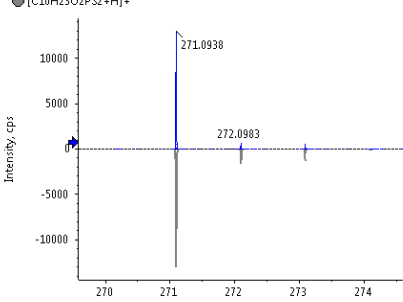
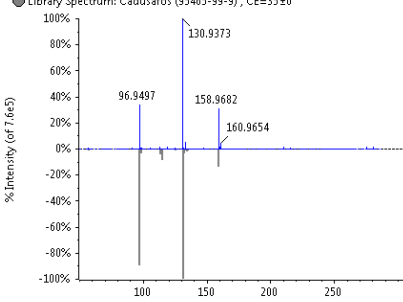
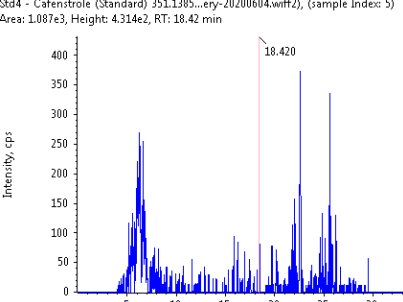
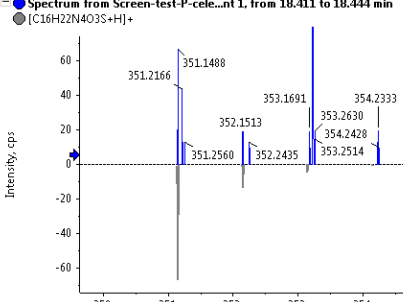
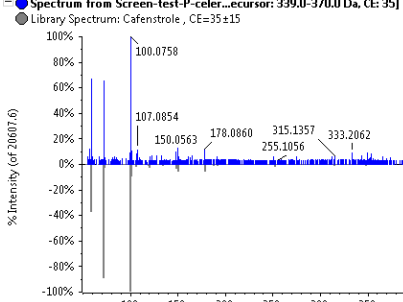
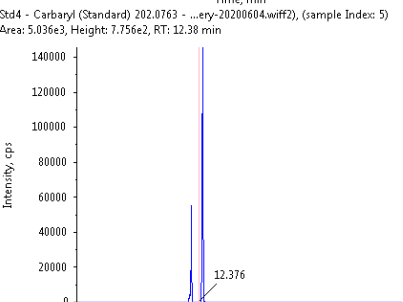
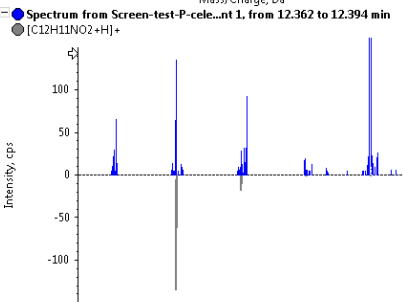
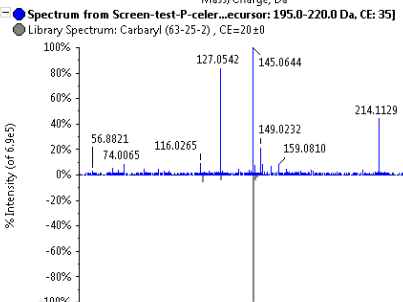
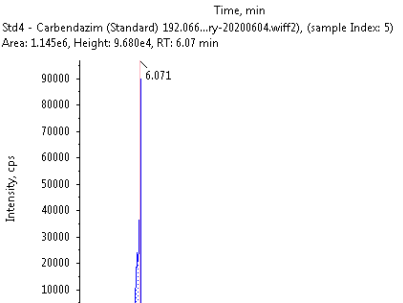
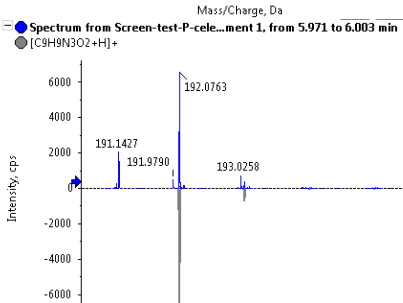
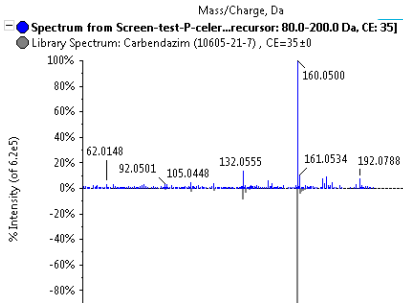
序号	化合物	一级图谱	二级图谱
10	莠灭净	Std4 - Ametryn (Standard) 228.1177 - 2...ry-20200604.wiff2), (sample Index: 5) Area: 2.380e6, Height: 2.983e5, RT: 15.22 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.289 to 15.322 min ● [C9H17N5S+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Ametryn (834-12-8), CE=20±0</p> 
11	灭害威	Std4 - Aminocarb (Standard) 209.1185 - ...ry-20200604.wiff2), (sample Index: 5) Area: 3.684e5, Height: 5.711e4, RT: 4.65 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 4.670 to 4.702 min ● [C11H16N2O2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Aminocarb (2032-59-9), CE=35±15</p> 
12	环丙嘧啶醇	Std4 - Ancymidol (Standard) 257.1185 - ...ry-20200604.wiff2), (sample Index: 5) Area: 3.203e5, Height: 4.093e4, RT: 11.89 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.939 to 11.972 min ● [C15H16N2O2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Ancymidol, CE=35±15</p> 
13	莎稗磷	Std4 - Anilofos (Standard) 368.0205 - ...ry-20200604.wiff2), (sample Index: 5) Area: 3.943e5, Height: 1.016e5, RT: 20.90 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.851 to 20.883 min ● [C13H19ClNO3PS2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Anilofos (64249-01-0), CE=35±15</p> 
14	磺草灵	Std4 - Asulam (Standard) 231.0334 - 23...ry-20200604.wiff2), (sample Index: 5) Area: 3.364e4, Height: 5.125e3, RT: 4.86 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 4.849 to 4.881 min ● [C8H10N2O4S+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Asulam (3337-71-1), CE=35±15</p> 

序号	化合物	一级图谱	二级图谱
15	莠去通	<p>Std4 - Atraton (Standard) 212.1406 - 2...ry-20200604.wiff2), (sample Index: 5) Area: 1.819e6, Height: 1.818e5, RT: 11.00 min</p>	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.077 to 11.110 min ● [C9H17N5O+H]<sup>+</sup></p> <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Atraton (1610-17-9), CE=35±15</p>
16	莠去津	<p>Std4 - Atrazine (Standard) 216.0910 - ...ry-20200604.wiff2), (sample Index: 5) Area: 5.131e5, Height: 6.710e4, RT: 14.25 min</p>	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.265 to 14.297 min ● [C8H14ClN5+H]<sup>+</sup></p> <p>● Deconvoluted, Spectrum from Sre...cursor: 195.0-220.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Atrazine (1912-24-9), CE=20±0</p>
17	去乙阿特拉津	<p>Std4 - Atrazine-desethyl (Standard) 18...ry-20200604.wiff2), (sample Index: 5) Area: 2.172e5, Height: 2.212e4, RT: 8.45 min</p>	<p>● Spectrum from Screen-test-P-celer...ment 1, from 8.492 to 8.524 min ● [C6H10ClN5+H]<sup>+</sup></p> <p>● Deconvoluted, Spectrum from Sre...cursor: 80.0-200.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Atrazine-desethyl (6190-65-4), CE=20±0</p>
18	氧环唑	<p>Std4 - Azaconazole (Standard) 300.020...ry-20200604.wiff2), (sample Index: 5) Area: 1.832e5, Height: 2.757e4, RT: 14.95 min</p>	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.931 to 14.964 min ● [C12H11ClN3O2+H]<sup>+</sup></p> <p>● Deconvoluted, Spectrum from Sre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Azaconazole (60207-31-0), CE=35±15</p>
19	甲基吡啶磷	<p>Std4 - Azamethiphos (Standard) 324.97...ry-20200604.wiff2), (sample Index: 5) Area: 5.660e5, Height: 8.491e4, RT: 10.92 min</p>	<p>● Spectrum from Screen-test-P-celer...nt 1, from 10.947 to 10.980 min ● [C9H10ClN2O5PS+H]<sup>+</sup></p> <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: azamethiphos, CE=35±15</p>

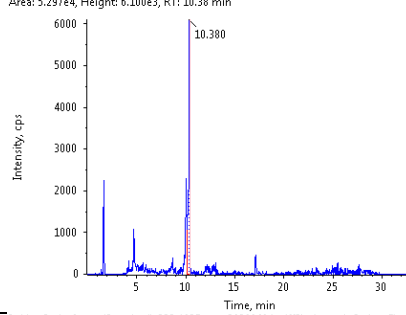
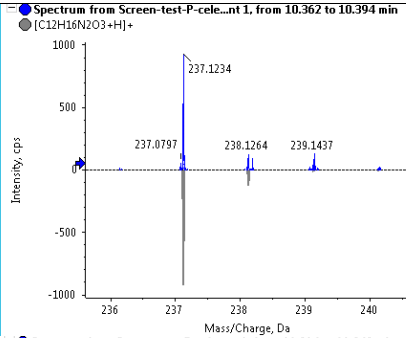
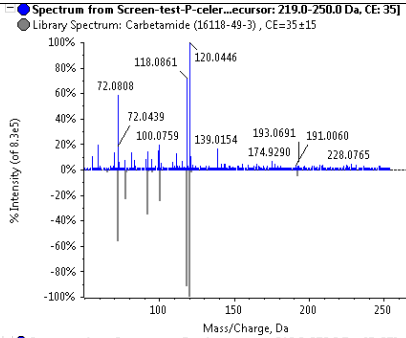
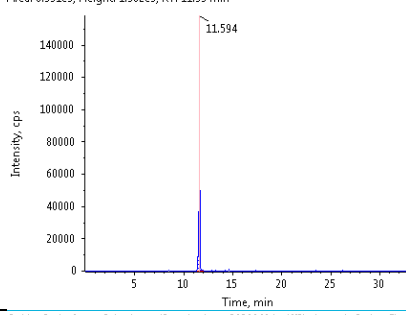
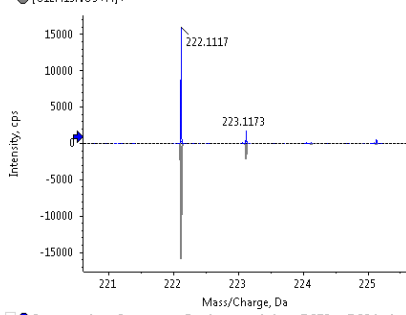
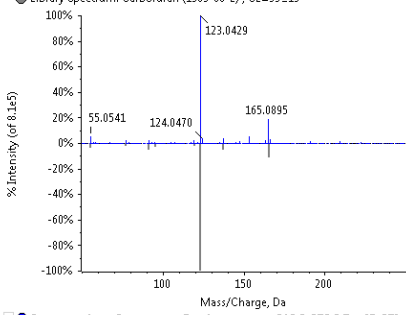
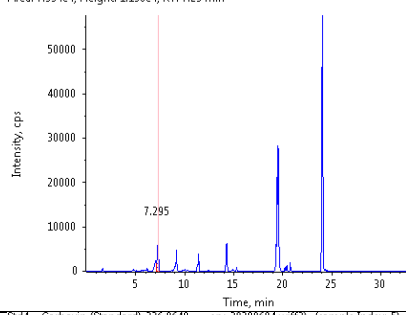
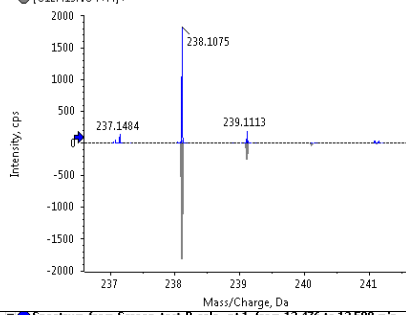
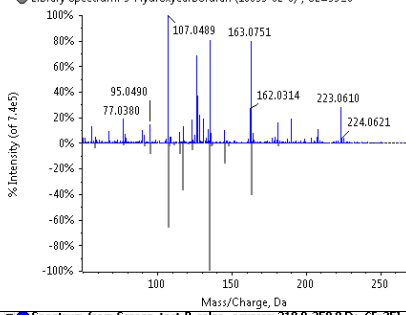
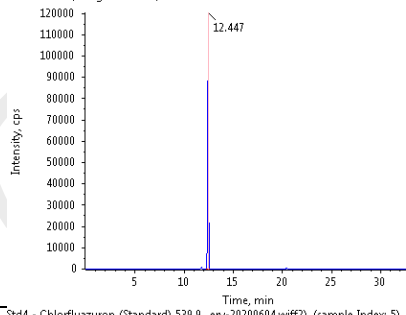
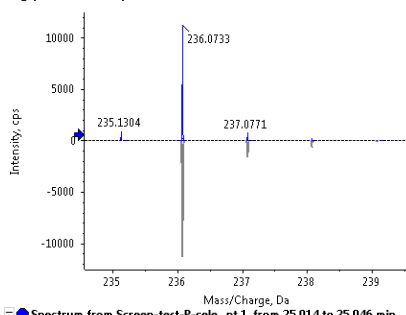
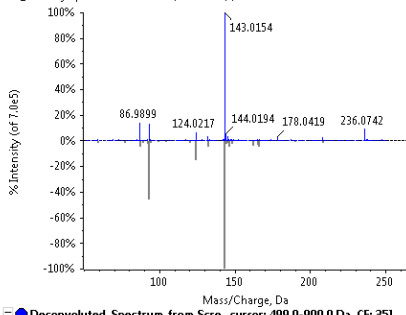
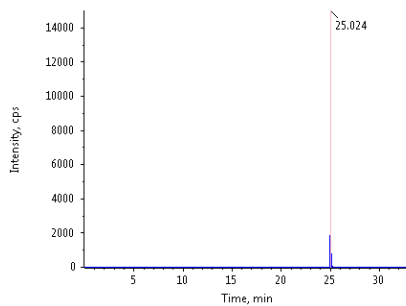
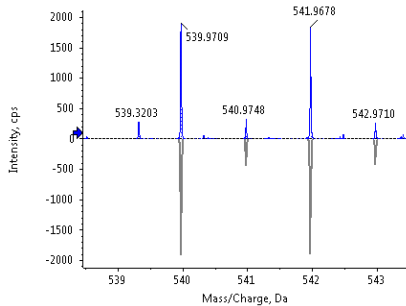
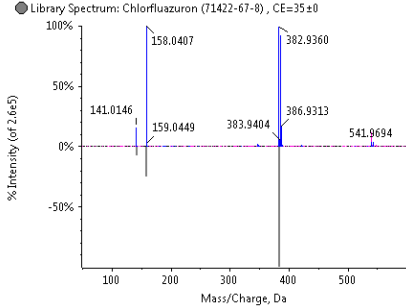
序号	化合物	一级图谱	二级图谱
20	叠氮津	Std4 - Aziprotryne (Standard) 226.0769...ry-20200604.wiff2), (sample Index: 5) Area: 1.910e5, Height: 2.408e4, RT: 17.60 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.598 to 17.631 min ● [C7H11N7S+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Aziprotryne, CE=35±15</p> 
21	嘧菌酯	Std4 - Azoxystrobin (Standard) 404.114...ry-20200604.wiff2), (sample Index: 5) Area: 4.708e5, Height: 9.610e4, RT: 16.76 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.688 to 16.720 min ● [C22H17N3O5+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 339.0-440.0 Da, CE: 35] ● Library Spectrum: Azoxystrobin (131860-33-8), CE=20±0</p> 
22	氟丁酰胺	Std4 - Beflubutamid (Standard) 356.116...ry-20200604.wiff2), (sample Index: 5) Area: 3.621e5, Height: 9.327e4, RT: 20.48 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.444 to 20.477 min ● [C18H17F4NO2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Beflubutamid (113614-08-7), CE=35±15</p> 
23	苯霜灵	Std4 - Benalaxyl (Standard) 326.1651...ry-20200604.wiff2), (sample Index: 5) Area: 8.254e5, Height: 2.038e5, RT: 21.23 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.176 to 21.208 min ● [C20H23NO3+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Benalaxyl (71626-11-4), CE=35±0</p> 
24	噁虫威	Std4 - Bendiocarb (Standard) 224.0817...ry-20200604.wiff2), (sample Index: 5) Area: 1.209e4, Height: 1.722e3, RT: 11.39 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.370 to 11.402 min ● [C11H13NO4+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Bendiocarb (22781-23-3), CE=35±15</p> 

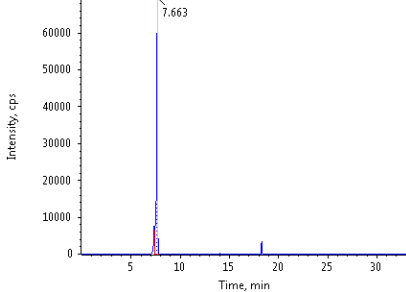
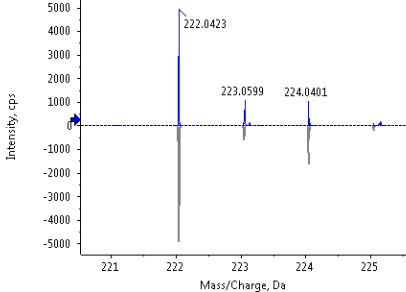
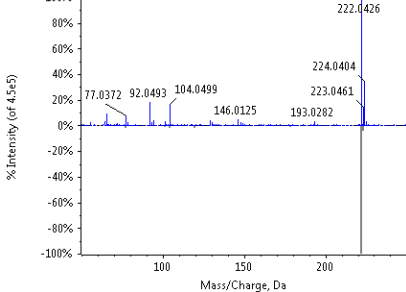
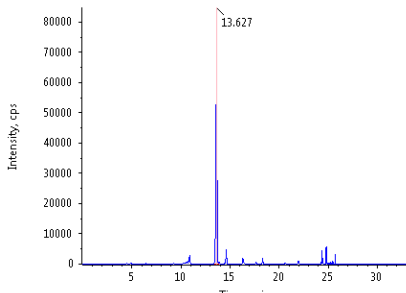
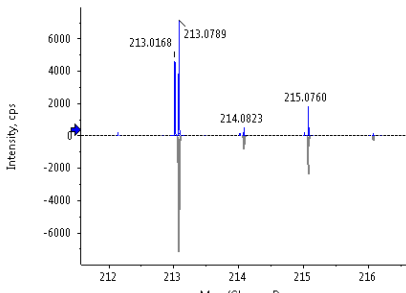
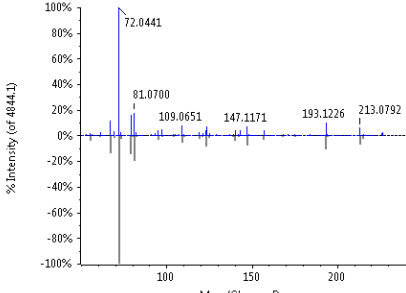
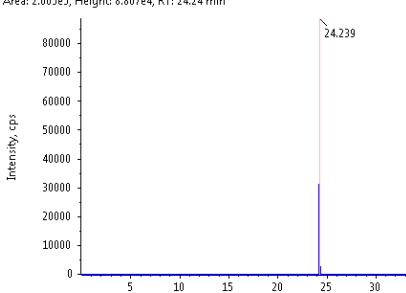
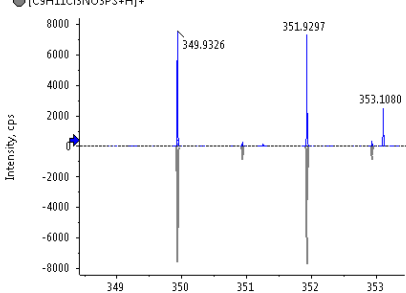
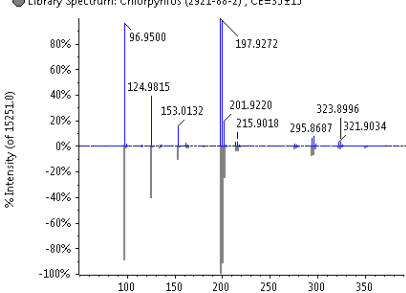
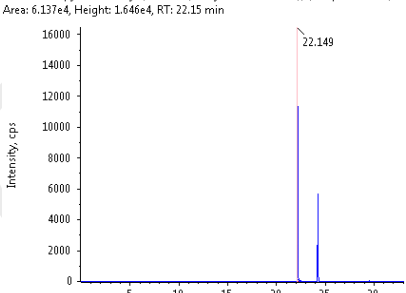
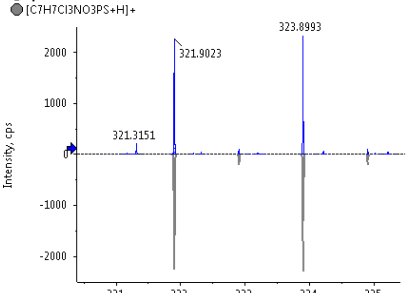
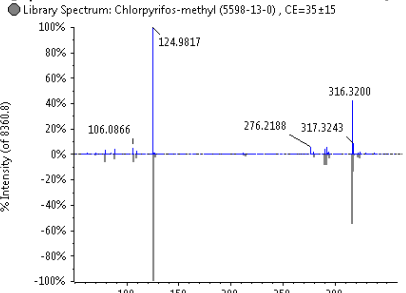
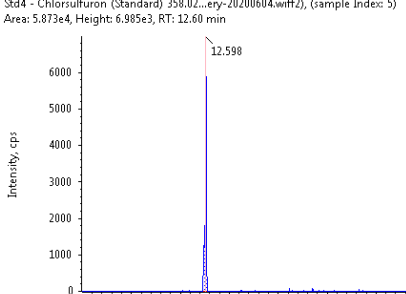
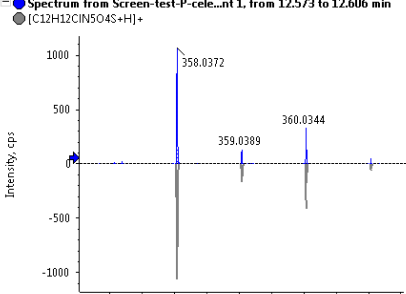
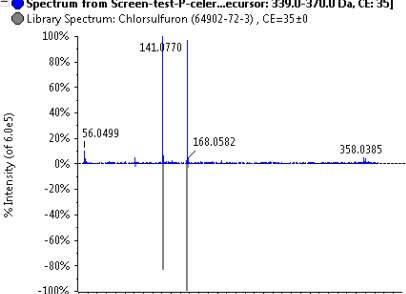
序号	化合物	一级图谱	二级图谱	
25	麦锈灵	<p>Std4 - Benodanil (Standard) 323.9780 ...ry-20200604.wiff2), (sample Index: 5) Area: 4.721e5, Height: 8.970e4, RT: 13.99 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.004 to 14.037 min ● [C13H10NO+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Benodanil (15310-01-7), CE=35±15</p> 
26	解草啉	<p>Std4 - Benoxacor (Standard) 260.0140 ...ry-20200604.wiff2), (sample Index: 5) Area: 5.456e4, Height: 1.064e4, RT: 15.88 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.891 to 15.923 min ● [C11H11Cl2NO2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Benoxacor (98730-04-2), CE=35±15</p> 
27	苄嘧磺隆	<p>Std4 - Bensulfuron-methyl (Standard) 4...ry-20200604.wiff2), (sample Index: 5) Area: 2.214e4, Height: 4.092e3, RT: 16.15 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.151 to 16.183 min ● [C16H18N4O7S+H]<sup>+</sup></p> 	<p>● Deconvoluted, Spectrum from Sre...cursor: 399.0-440.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Bensulfuron-methyl (83055-99-6), CE=35±0</p> 
28	苯噻菌胺	<p>Std4 - Benthiaivalcarb-Isopropyl (Stan...ry-20200604.wiff2), (sample Index: 5) Area: 6.355e5, Height: 1.303e5, RT: 18.20 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.135 to 18.167 min ● [C18H24FN3O3S+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Benthiaivalcarb-isopropyl (177406-68-7), CE=35±15</p> 
29	啉酰菌胺	<p>Std4 - Boscalid (Standard) 343.0299 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.710e5, Height: 3.464e4, RT: 17.44 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.468 to 17.501 min ● [C18H12Cl2N2O+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Boscalid (188425-85-6), CE=20±0</p> 

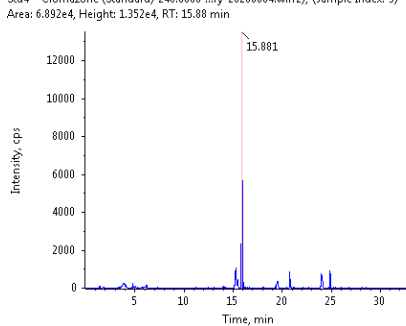
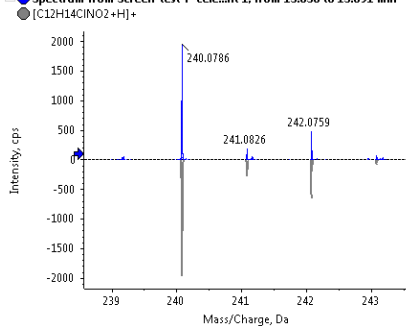
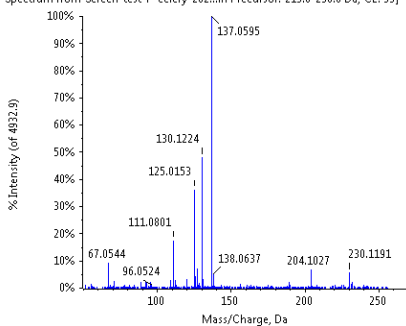
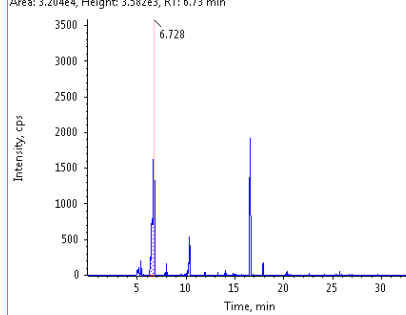
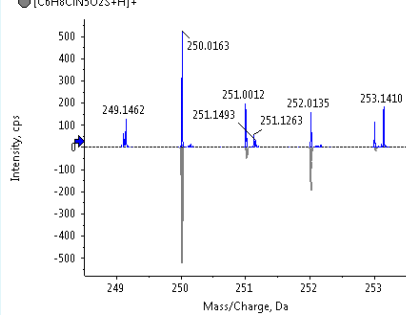
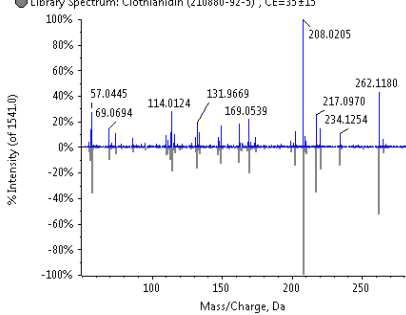
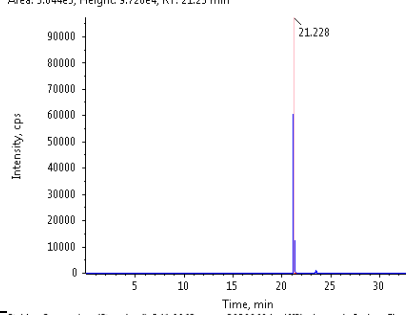
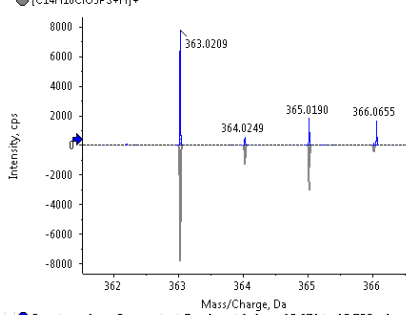
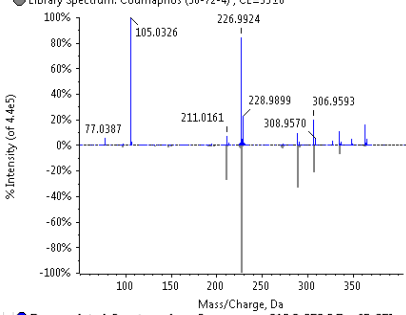
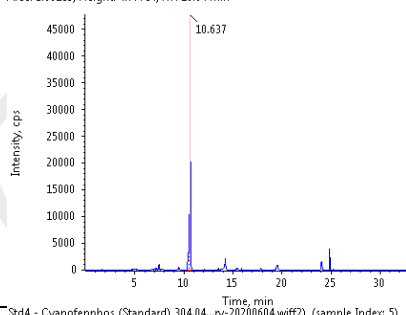
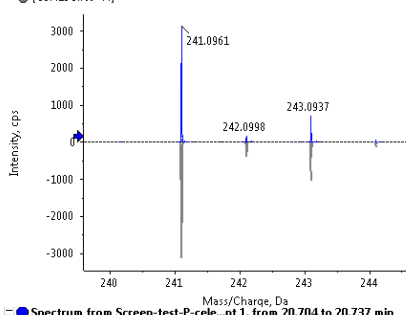
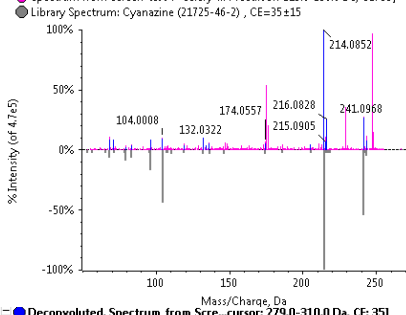
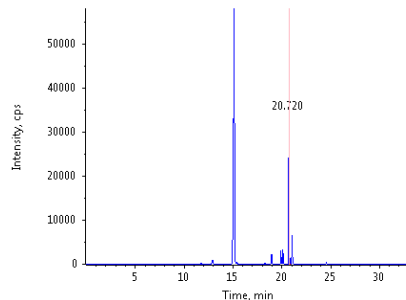
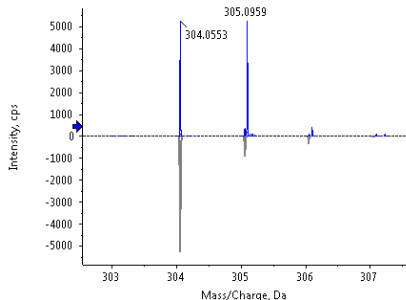
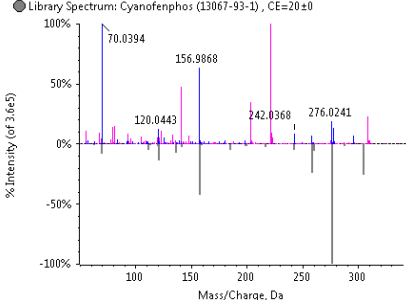
序号	化合物	一级图谱	二级图谱
30	除草定	<p>Std4 - Bromacil (Standard) 261.0133 - ...ery-20200604.wiff2), (sample Index: 5) Area: 1.726e4, Height: 2.007e3, RT: 11.47 min</p> 	<p>           Spectrum from Screen-test-P-celer...nt 1, from 11.467 to 11.500 min            [C9H13BrN2O2+H]<sup>+</sup>            Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35            Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35            Library Spectrum: Bromacil (314-40-9), CE=20±0         </p>  
31	糠菌唑	<p>Std4 - Bromuconazole (Standard) 375.9...ry-20200604.wiff2), (sample Index: 5) Area: 1.810e4, Height: 3.437e3, RT: 20.13 min</p> 	<p>           Spectrum from Screen-test-P-celer...nt 1, from 20.151 to 20.184 min            [C13H12BrCl2N3O+H]<sup>+</sup>            Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35            Spectrum from Screen-test-P-celer... Precursor: 369.0-400.0 Da, CE: 35            Library Spectrum: Bromuconazole (116255-48-2), CE=35±15         </p>  
32	乙嘧磺酯	<p>Std4 - Bupirimate (Standard) 317.1542 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.038e6, Height: 2.150e5, RT: 19.39 min</p> 	<p>           Spectrum from Screen-test-P-celer...nt 1, from 19.420 to 19.452 min            [C13H24N4O3S+H]<sup>+</sup>            Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35            Library Spectrum: Bupirimate (41483-43-6), CE=35±15         </p>  
33	噻嗪酮	<p>Std4 - Buprofezin (Standard) 306.1535 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.261e6, Height: 3.369e5, RT: 23.64 min</p> 	<p>           Spectrum from Screen-test-P-celer...nt 1, from 23.648 to 23.680 min            [C16H23N3OS+H]<sup>+</sup>            Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35            Library Spectrum: Buprofezin (953030-84-T), CE=50±0         </p>  
34	氟丙嘧草酯	<p>Std4 - Butafenacil (Standard) 475.0778 - ...ery-20200604.wiff2), (sample Index: 5) Area: 2.637e3, Height: 5.868e2, RT: 19.09 min</p> 	<p>           Spectrum from Screen-test-P-celer...nt 1, from 19.062 to 19.094 min            [C20H18ClF3N2O6+H]<sup>+</sup>            Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 439.0-500.0 Da, CE: 35            Library Spectrum: Butafenacil (134605-64-4), CE=35±15         </p>  

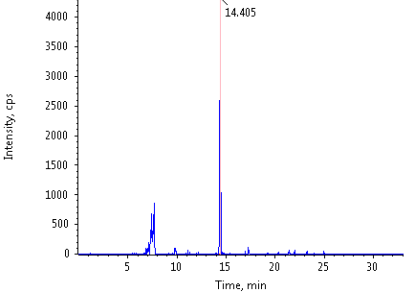
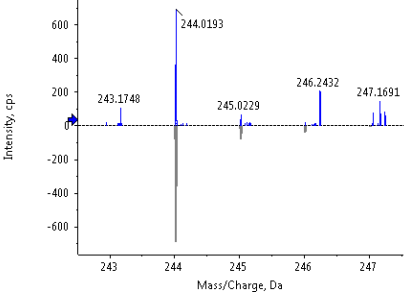
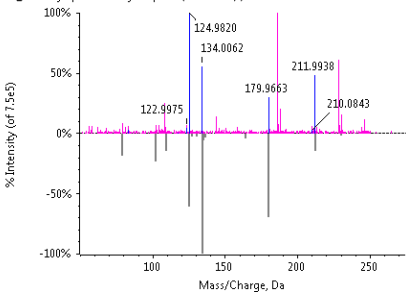
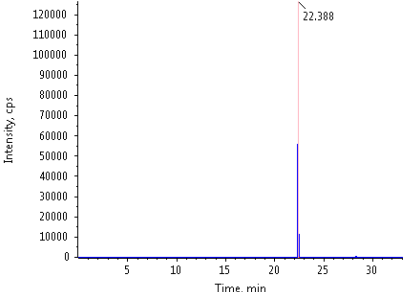
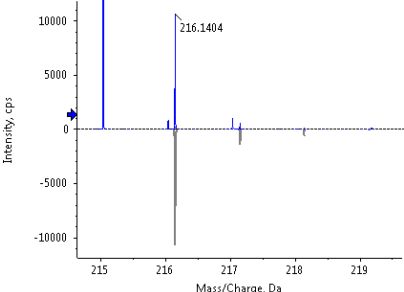
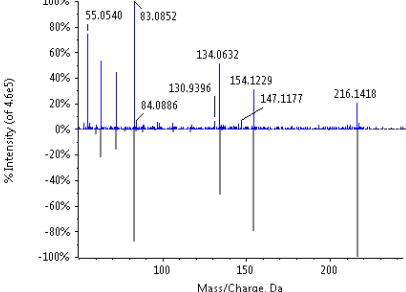
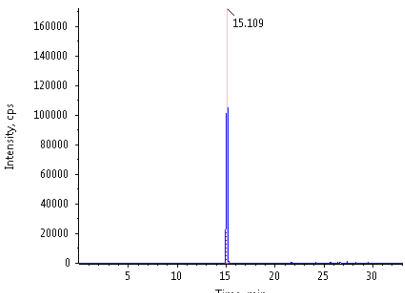
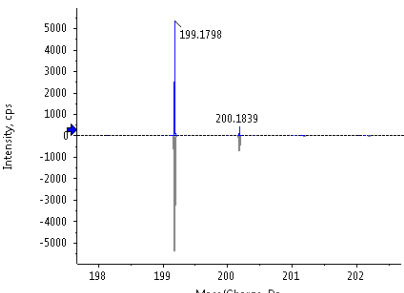
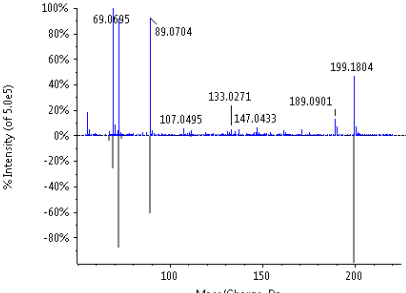
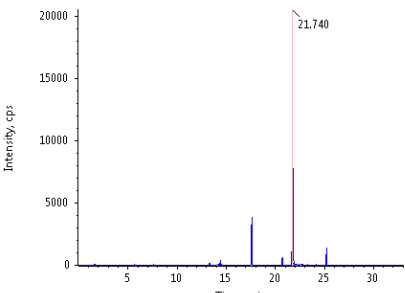
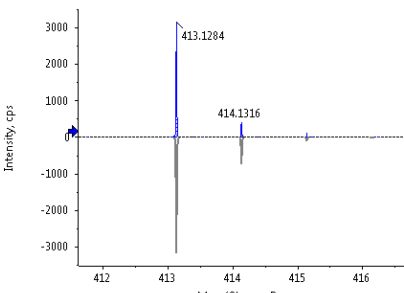
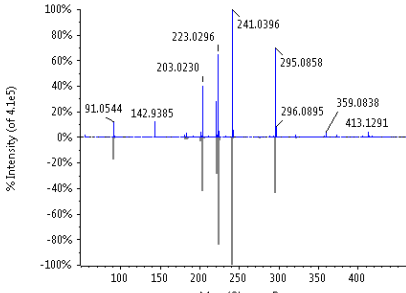
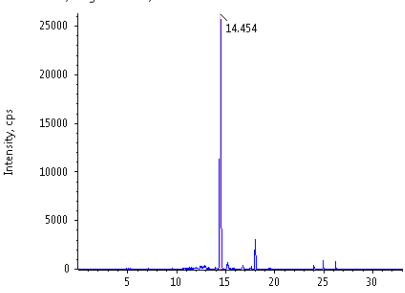
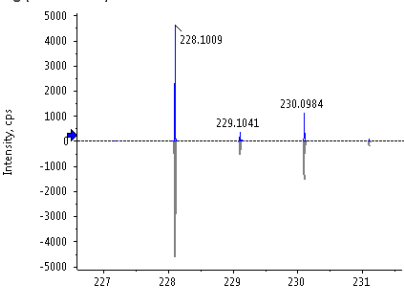
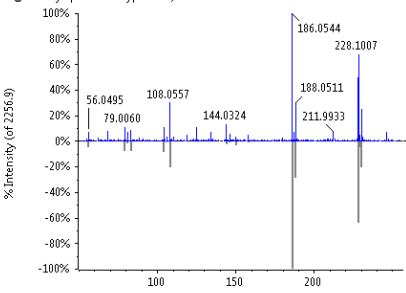
序号	化合物	一级图谱	二级图谱	
35	仲丁灵	<p>Std4 - Butralin (Standard) 296.1505 - 2...ry-20200604.wiff2), (sample Index: 5) Area: 2.464e5, Height: 7.997e4, RT: 24.88 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.867 to 24.900 min ● [C14H21N3O4+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Butralin (33629-47-9), CE=35±15</p> 
36	硫线磷	<p>Std4 - Cadusafos (Standard) 271.0850 - ...ry-20200604.wiff2), (sample Index: 5) Area: 5.668e5, Height: 1.531e5, RT: 22.44 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.461 to 22.493 min ● [C10H23O2P52+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Cadusafos (95465-99-9), CE=35±0</p> 
37	唑草胺	<p>Std4 - Cafenstrole (Standard) 351.1385 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.087e3, Height: 4.314e2, RT: 18.42 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.411 to 18.444 min ● [C16H22N4O3S+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Cafenstrole, CE=35±15</p> 
38	甲萘威	<p>Std4 - Carbaryl (Standard) 202.0763 - ...ry-20200604.wiff2), (sample Index: 5) Area: 5.036e3, Height: 7.756e2, RT: 12.38 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 12.362 to 12.394 min ● [C12H11N2O2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Carbaryl (63-25-2), CE=20±0</p> 
39	多菌灵	<p>Std4 - Carbendazim (Standard) 192.066...ry-20200604.wiff2), (sample Index: 5) Area: 1.145e6, Height: 9.680e4, RT: 6.07 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.971 to 6.003 min ● [C9H9N3O2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Carbendazim (10605-21-7), CE=35±0</p> 

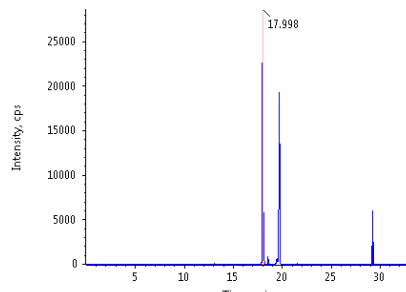
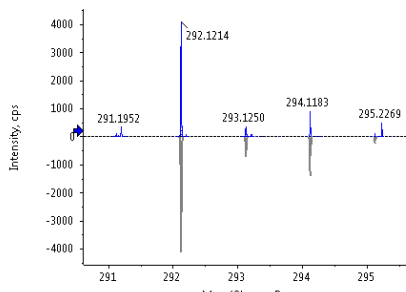
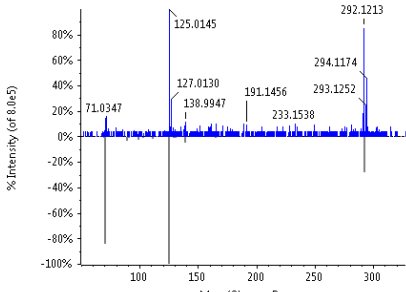
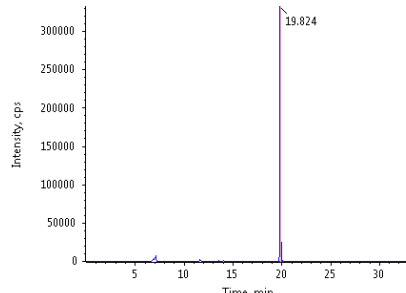
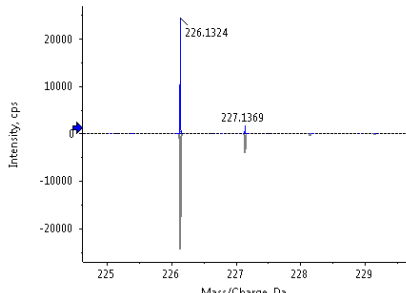
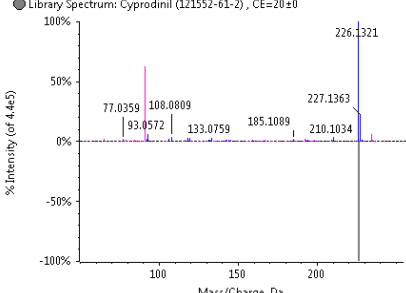
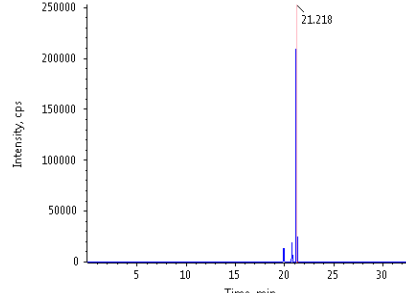
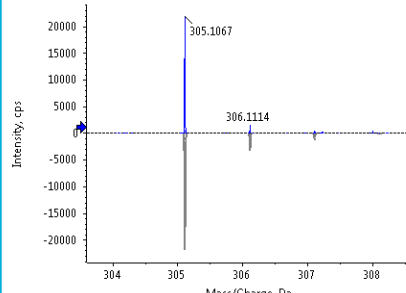
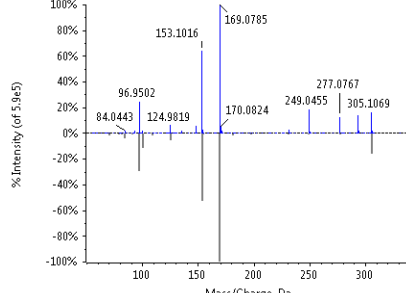
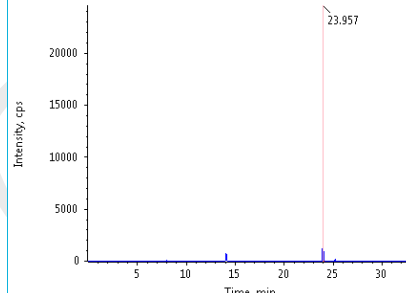
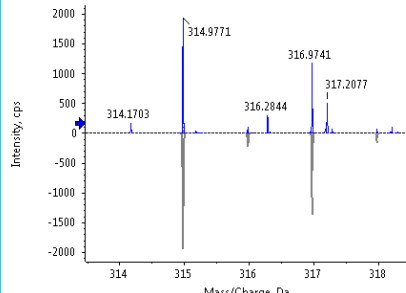
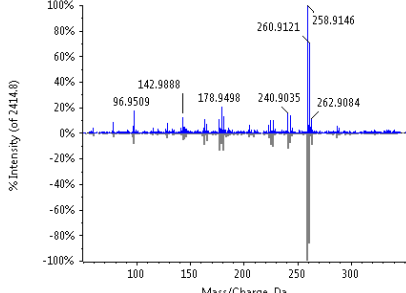
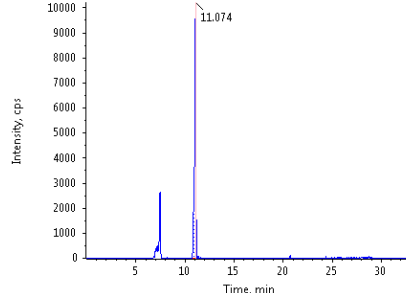
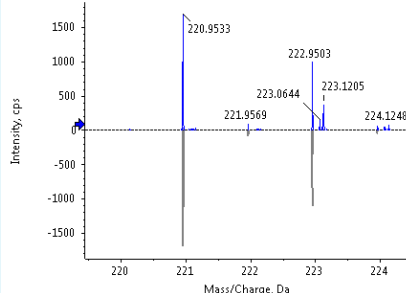
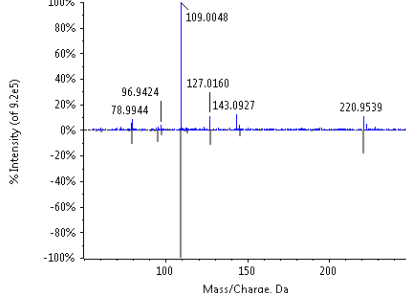


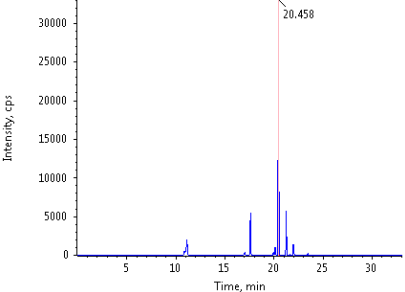
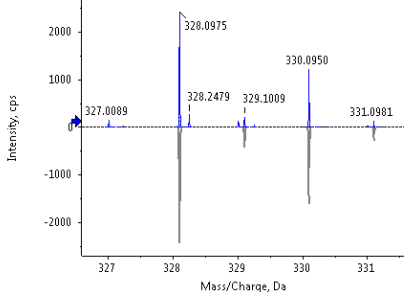
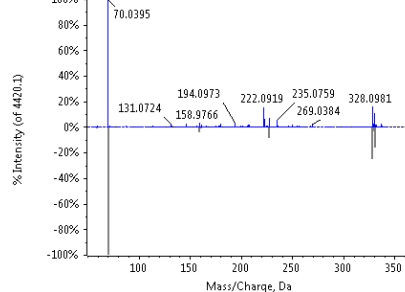
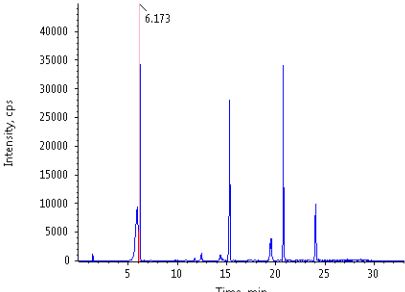
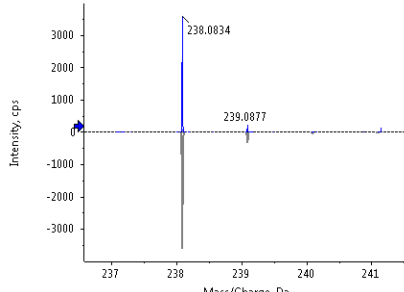
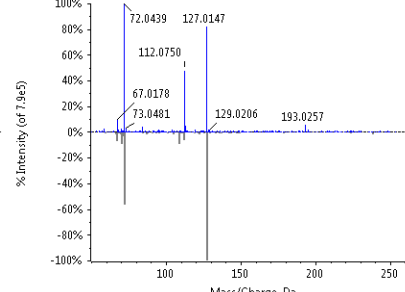
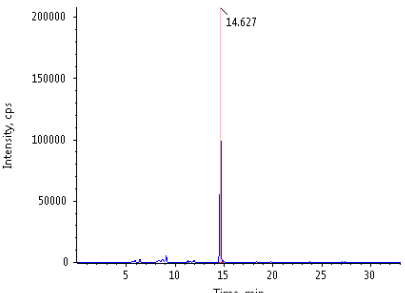
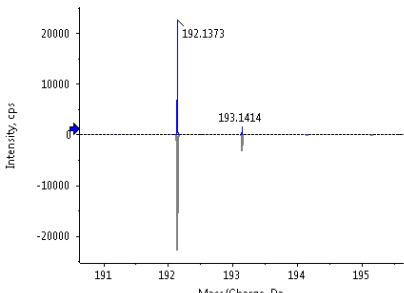
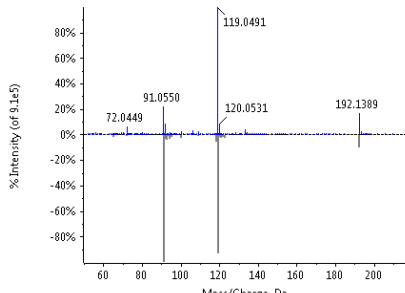
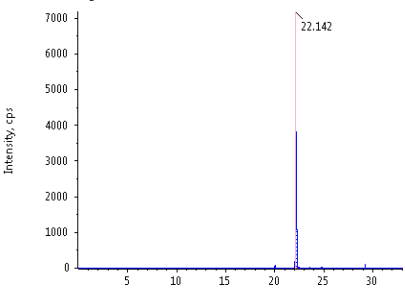
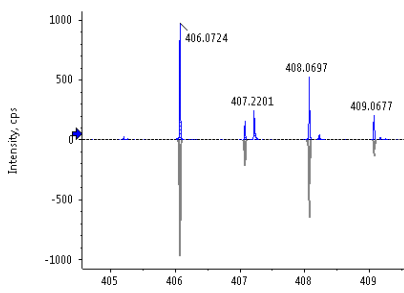
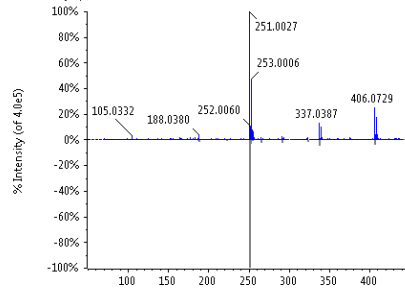
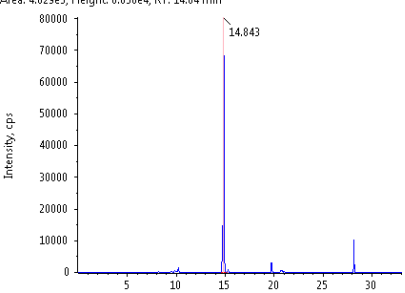
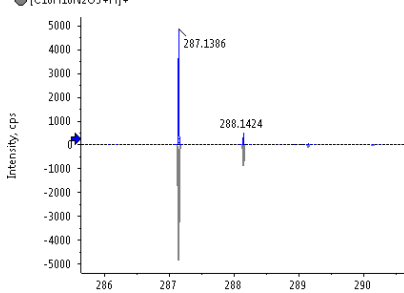
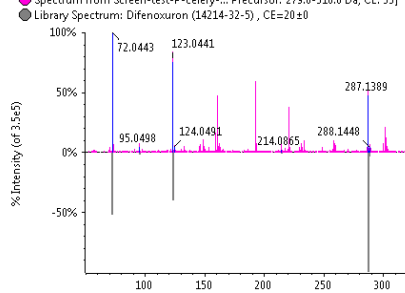
序号	化合物	一级图谱	二级图谱
40	双酰草胺	Std4 - Carbetamide (Standard) 237.113...ry-20200604.wiff2), (sample Index: 5) Area: 5.297e4, Height: 6.100e3, RT: 10.38 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 10.362 to 10.394 min ● [C12H16N2O3+H] <sup>+</sup>  ● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]
41	克百威	Std4 - Carbofuran (Standard) 222.1025...ry-20200604.wiff2), (sample Index: 5) Area: 8.351e5, Height: 1.582e5, RT: 11.59 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 11.614 to 11.646 min ● [C12H15NO3+H] <sup>+</sup>  ● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]
42	3-羟基克百威	Std4 - Carbofuran-3-hydroxy (Standard) 222.1025...ry-20200604.wiff2), (sample Index: 5) Area: 7.354e4, Height: 1.150e4, RT: 7.29 min 	 ● Spectrum from Screen-test-P-celer...ment 1, from 7.272 to 7.304 min ● [C12H15NO4+H] <sup>+</sup>  ● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]
43	萎锈灵	Std4 - Carboxin (Standard) 236.0640...ry-20200604.wiff2), (sample Index: 5) Area: 7.031e5, Height: 1.202e5, RT: 12.45 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 12.476 to 12.508 min ● [C12H13NO2S+H] <sup>+</sup>  ● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]
44	氟啶脲	Std4 - Chlorfluazuron (Standard) 539.3...ry-20200604.wiff2), (sample Index: 5) Area: 4.266e4, Height: 1.500e4, RT: 25.02 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 25.014 to 25.046 min ● [C20H9Cl3F5N3O3+H] <sup>+</sup>  ● Deconvoluted, Spectrum from Scre...cursor: 499.0-900.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 499.0-900.0 Da, CE: 35]

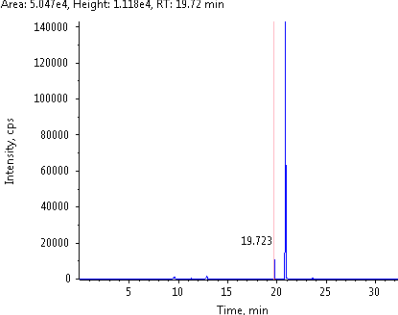
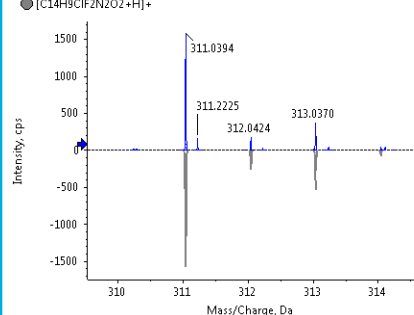
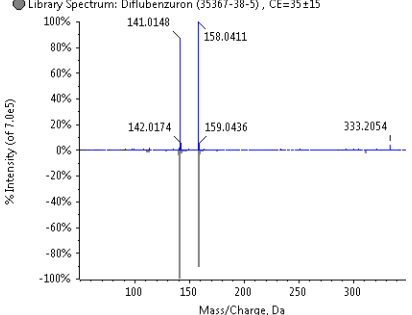
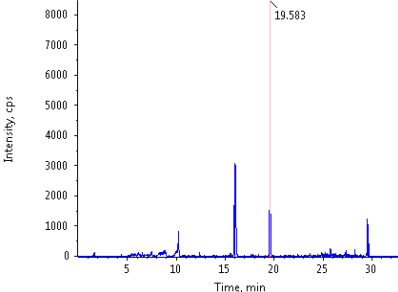
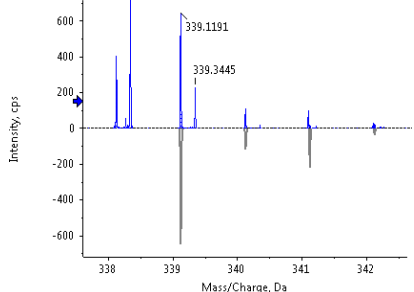
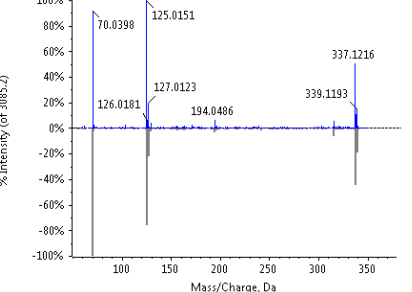
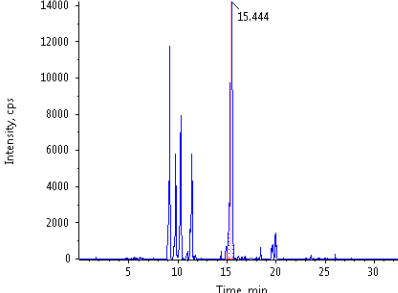
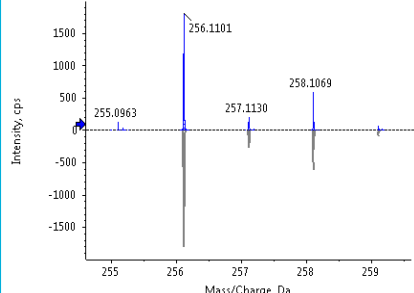
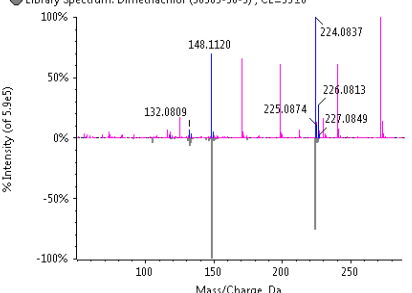
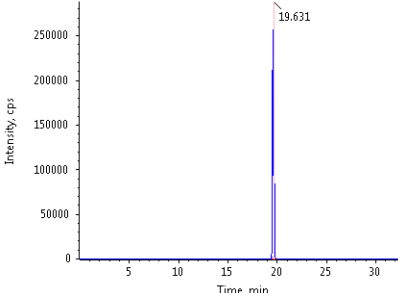
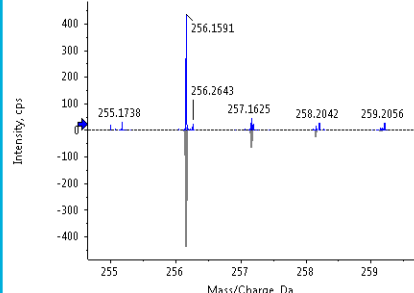
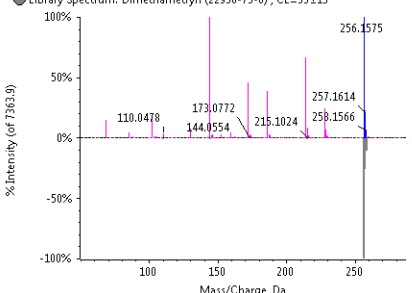
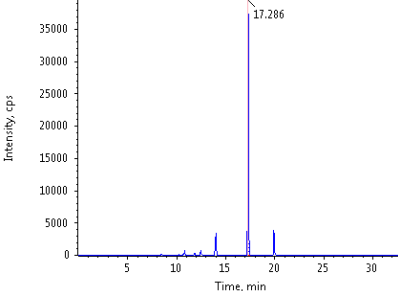
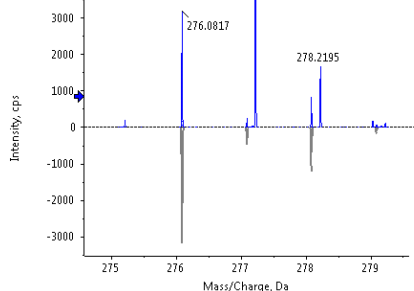
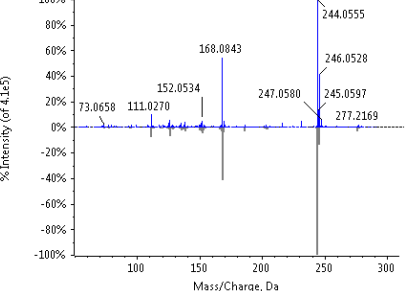
序号	化合物	一级图谱	二级图谱
45	氯草敏	Std4 - Chloridazon (Standard) 222.0329...ry-20200604.wiff2), (sample Index: 5) Area: 4.730e5, Height: 6.956e4, RT: 7.66 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ment 1, from 7.695 to 7.727 min ● [C10H8ClN3O+H]<sup>+</sup> </li> <li>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Chloridazon (1698-60-8), CE=20±0 </li> </ul>
46	绿麦隆	Std4 - Chlorotoluron (Standard) 213.06...ry-20200604.wiff2), (sample Index: 5) Area: 5.711e5, Height: 8.475e4, RT: 13.63 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 13.663 to 13.695 min ● [C10H13ClN2O+H]<sup>+</sup> </li> <li>● Spectrum from Screen-test-P-celer...ecursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Chlorotoluron (15945-48-9), CE=35±15 </li> </ul>
47	毒死蜱	Std4 - Chlorpyrifos (Standard) 349.923...ry-20200604.wiff2), (sample Index: 5) Area: 2.605e5, Height: 8.867e4, RT: 24.24 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 24.250 to 24.282 min ● [C9H11Cl3NO3PS+H]<sup>+</sup> </li> <li>● Spectrum from Screen-test-P-celer...ecursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Chlorpyrifos (2921-88-2), CE=35±15 </li> </ul>
48	甲基毒死蜱	Std4 - Chlorpyrifos-methyl (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 6.137e4, Height: 1.646e4, RT: 22.15 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 22.135 to 22.168 min ● [C7H7Cl3NO3PS+H]<sup>+</sup> </li> <li>● Spectrum from Screen-test-P-celer...ecursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Chlorpyrifos-methyl (5598-13-0), CE=35±15 </li> </ul>
49	氯磺隆	Std4 - Chlorsulfuron (Standard) 358.02...ry-20200604.wiff2), (sample Index: 5) Area: 5.873e4, Height: 6.985e3, RT: 12.60 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 12.573 to 12.606 min ● [C12H12ClN5O4S+H]<sup>+</sup> </li> <li>● Spectrum from Screen-test-P-celer...ecursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Chlorsulfuron (64902-72-3), CE=35±0 </li> </ul>

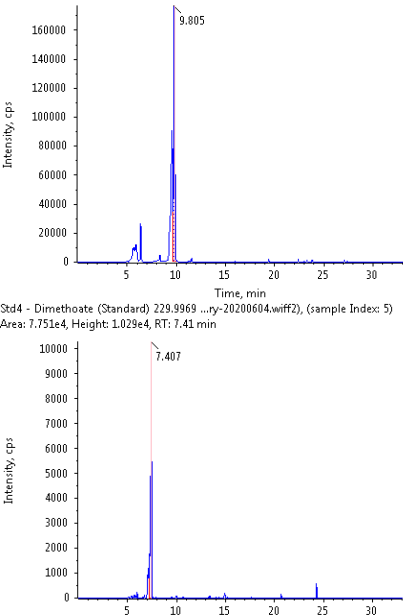
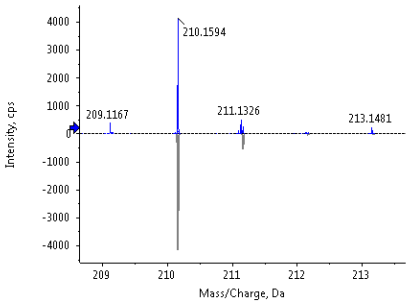
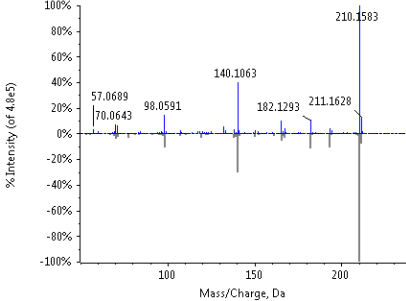
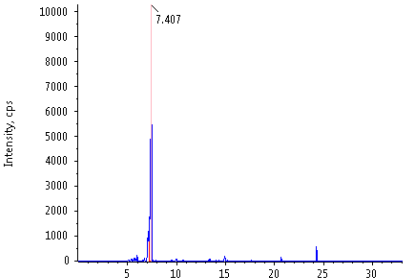
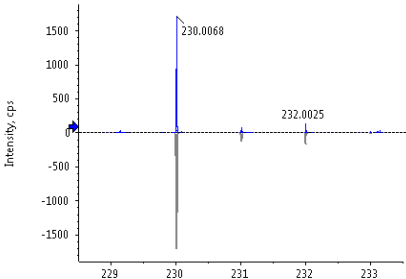
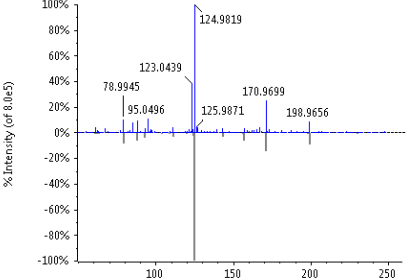
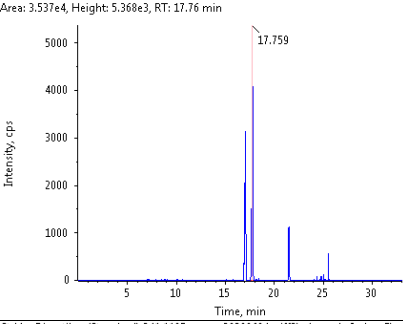
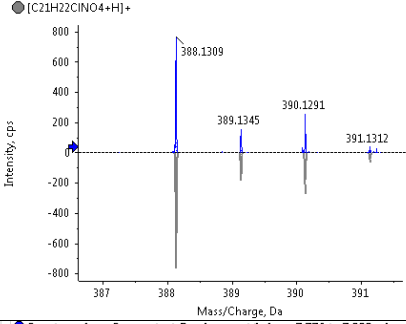
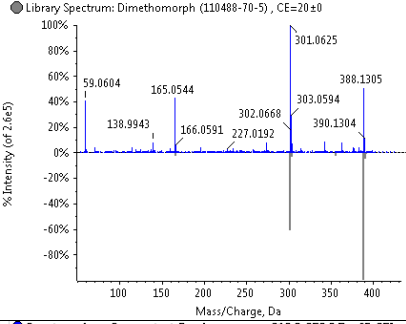
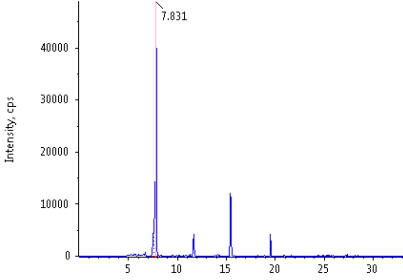
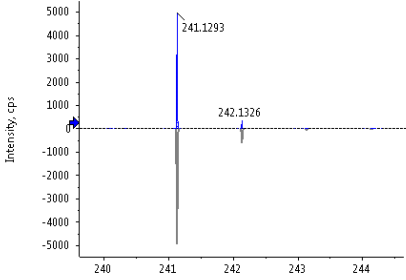
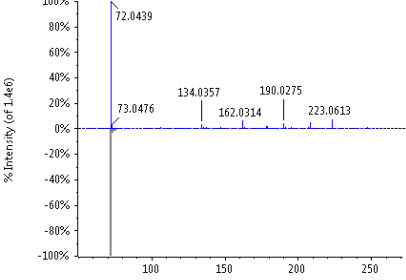
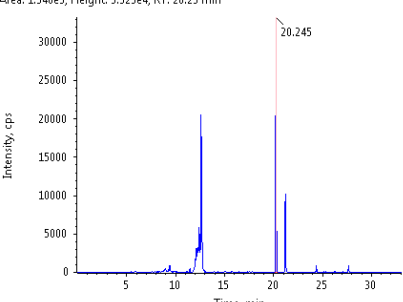
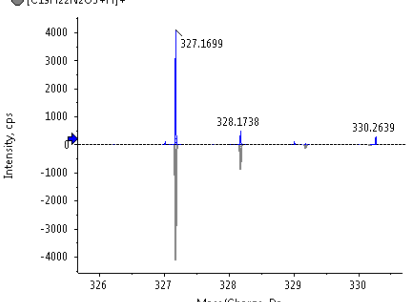
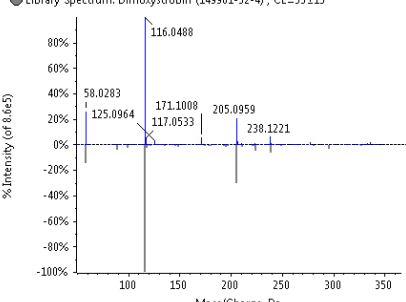
序号	化合物	一级图谱	二级图谱
50	异噁草酮	Std4 - Clomazone (Standard) 240.0686 ...ry-20200604.wiff2), (sample Index: 5) Area: 6.892e4, Height: 1.352e4, RT: 15.881 min 	<p>● Spectrum from Screen-test-P-celery.nt 1, from 15.858 to 15.891 min ● [C12H14ClNO2+H]<sup>+</sup></p>  <p>Spectrum from Screen-test-P-celery-202...in Precursor: 219.0-250.0 Da, CE: 35]</p> 
51	噻虫胺	Std4 - Clothianidin (Standard) 250.006...ry-20200604.wiff2), (sample Index: 5) Area: 3.204e4, Height: 3.582e3, RT: 6.73 min 	<p>● Spectrum from Screen-test-P-celery.nt 1, from 6.703 to 6.735 min ● [C6H8ClN5O2S+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celery-ecursor: 249.0-280.0 Da, CE: 35]</p> 
52	蝇毒磷	Std4 - Coumaphos (Standard) 363.0117 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.644e5, Height: 9.720e4, RT: 21.23 min 	<p>● Spectrum from Screen-test-P-celery.nt 1, from 21.241 to 21.274 min ● [C14H16ClO5PS+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celery-ecursor: 339.0-370.0 Da, CE: 35]</p> 
53	氰草津	Std4 - Cyanazine (Standard) 241.0863 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.881e5, Height: 4.777e4, RT: 10.64 min 	<p>● Spectrum from Screen-test-P-celery.nt 1, from 10.671 to 10.703 min ● [C9H13ClN6+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celery-ecursor: 219.0-250.0 Da, CE: 35]</p> 
54	苯腈磷	Std4 - Cyanofenphos (Standard) 304.04...ry-20200604.wiff2), (sample Index: 5) Area: 1.446e5, Height: 3.394e4, RT: 20.72 min 	<p>● Spectrum from Screen-test-P-celery.nt 1, from 20.704 to 20.737 min ● [C15H14NO2PS+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celery-ecursor: 279.0-310.0 Da, CE: 35]</p> 

序号	化合物	一级图谱	二级图谱	
55	杀螟腈	<p>Std4 - Cyanophos (Standard) 244.0092 --ry-20200604.wiff2), (sample Index: 5) Area: 2.392e4, Height: 4.326e3, RT: 14.41 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1. from 14.378 to 14.411 min ● [C9H10NO3PS+H]<sup>+</sup></p> 	<p>● Deconvoluted Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Cyanophos (2636-26-2), CE=35±0</p> 
56	环草敌	<p>Std4 - Cycloate (Standard) 216.1317 --ry-20200604.wiff2), (sample Index: 5) Area: 4.990e5, Height: 1.264e5, RT: 22.39 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1. from 22.412 to 22.444 min ● [C11H21NOS+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celery...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Cycloate (1134-23-2), CE=35±15</p> 
57	环莠隆	<p>Std4 - Cycluron (Standard) 199.1705 --ry-20200604.wiff2), (sample Index: 5) Area: 1.435e6, Height: 1.720e5, RT: 15.11 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1. from 15.175 to 15.208 min ● [C11H22N2O+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celery...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Cycluron (2163-69-1), CE=35±15</p> 
58	环氟菌胺	<p>Std4 - Cyflufenamid (Standard) 413.118 --ry-20200604.wiff2), (sample Index: 5) Area: 1.003e5, Height: 2.053e4, RT: 21.74 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1. from 21.729 to 21.761 min ● [C20H17F5N2O2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celery...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Cyflufenamid (180409-60-3), CE=35±0</p> 
59	环丙津	<p>Std4 - Cyprazine (Standard) 228.0910 --ry-20200604.wiff2), (sample Index: 5) Area: 2.362e5, Height: 2.629e4, RT: 14.45 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1. from 14.443 to 14.476 min ● [C9H14ClN5+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celery...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Cyprazine, CE=35±15</p> 

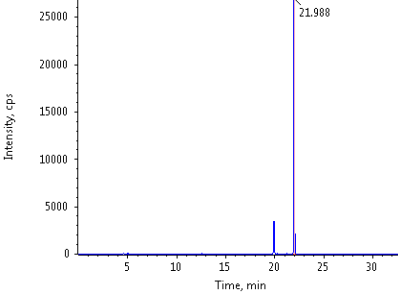
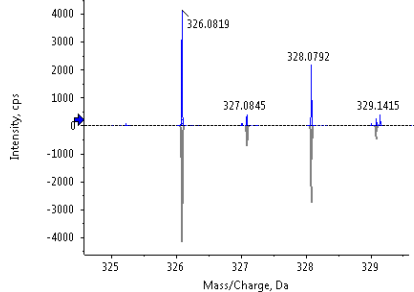
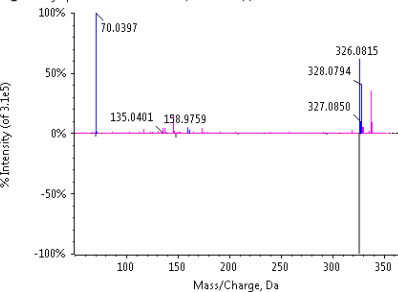
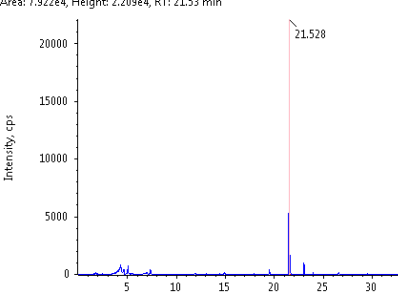
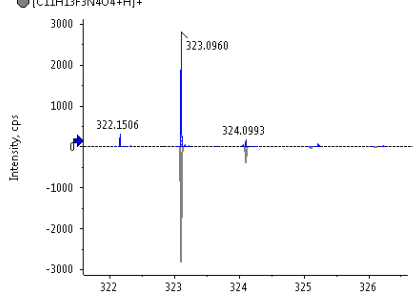
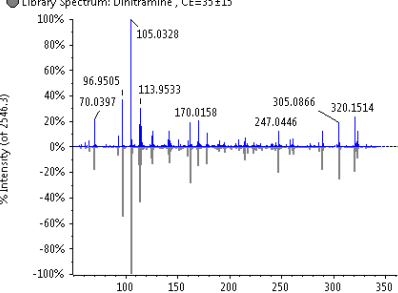
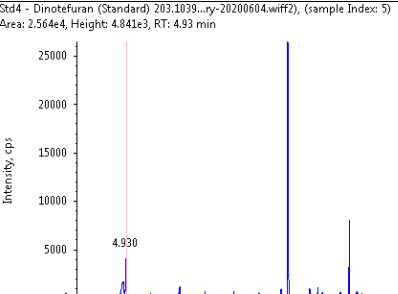
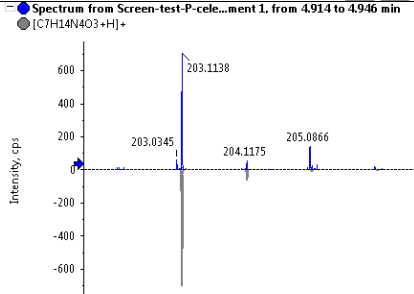
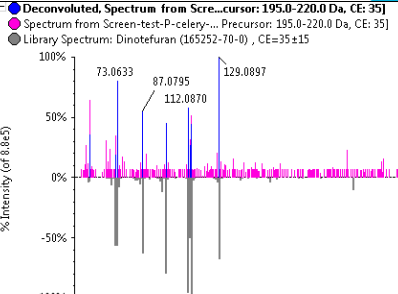
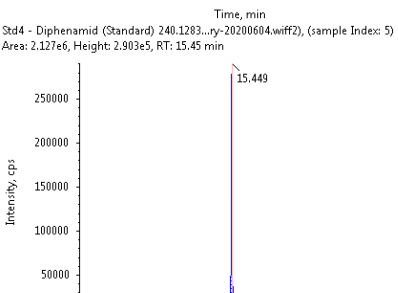
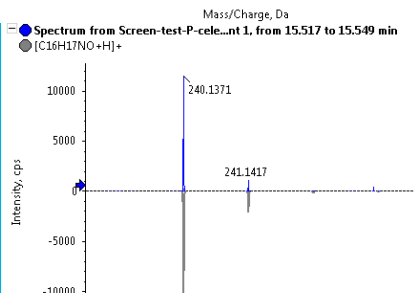
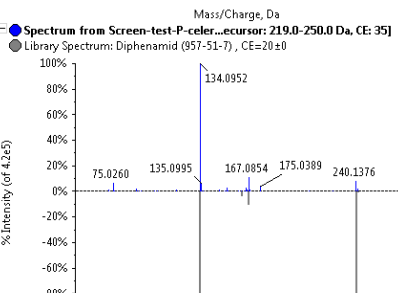
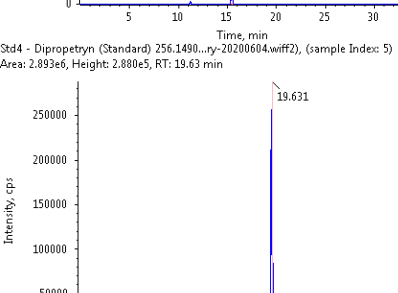
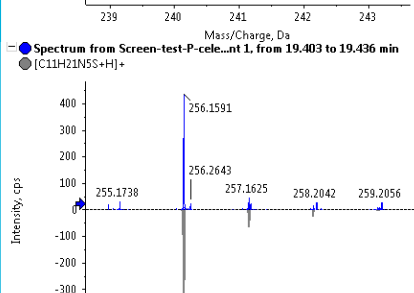
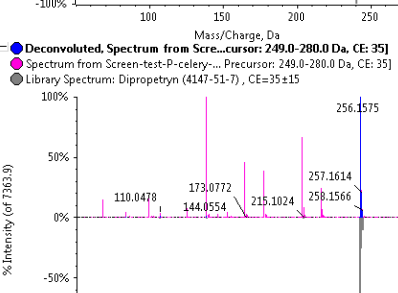
序号	化合物	一级图谱	二级图谱
60	环丙唑醇	Std4 - Cyproconazole (Standard) 292.11...ry-20200604.wiff2), (sample Index: 5) Area: 1.543e5, Height: 2.861e4, RT: 18.00 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 17.989 to 18.021 min ● [C15H18ClN3O+H] <sup>+</sup>  ● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Cyproconazole (113096-99-4), CE=35±15
61	噻菌环胺	Std4 - Cyprodinil (Standard) 226.1239 ...ery-20200604.wiff2), (sample Index: 5) Area: 1.924e6, Height: 3.325e5, RT: 19.82 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 19.875 to 19.908 min ● [C14H15N3+H] <sup>+</sup>  ● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Cyprodinil (121552-61-2), CE=20±0
62	二嗪磷	Std4 - Diazinon (Standard) 305.0983 ...ery-20200604.wiff2), (sample Index: 5) Area: 1.143e6, Height: 2.526e5, RT: 21.22 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 21.241 to 21.274 min ● [C12H21N2O3PS+H] <sup>+</sup>  ● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Diazinon (333-41-5), CE=35±15
63	除线磷	Std4 - Dichlofenthion (Standard) 314.9...ery-20200604.wiff2), (sample Index: 5) Area: 4.753e4, Height: 2.459e4, RT: 23.96 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 23.941 to 23.973 min ● [C10H13Cl2O3PS+H] <sup>+</sup>  ● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Dichlofenthion (97-17-6), CE=35±15
64	敌敌畏	Std4 - Dichlorvos (Standard) 220.9432 ...ery-20200604.wiff2), (sample Index: 5) Area: 9.436e4, Height: 1.020e4, RT: 11.07 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 11.061 to 11.093 min ● [C4H7Cl2O4P+H] <sup>+</sup>  ● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Dichlorvos (62-73-7), CE=35±15

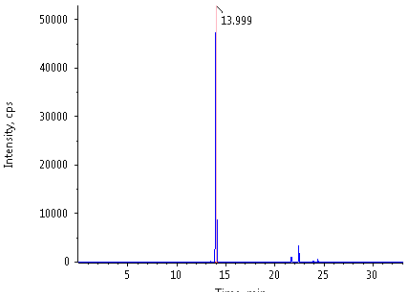
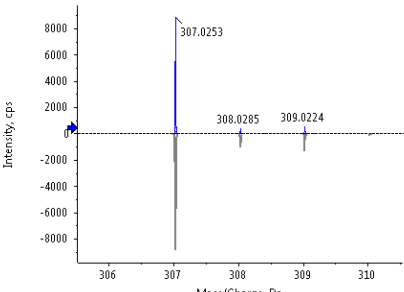
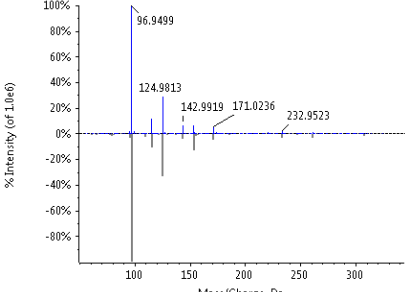
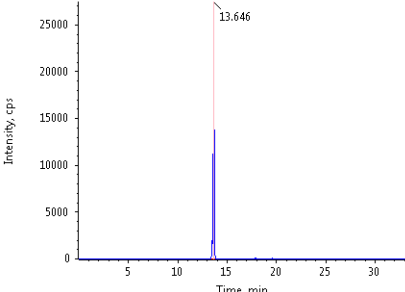
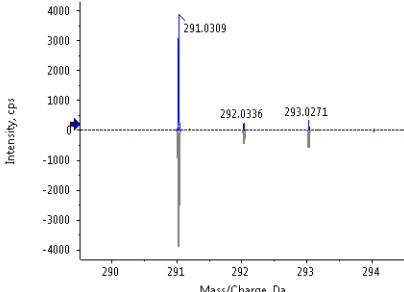
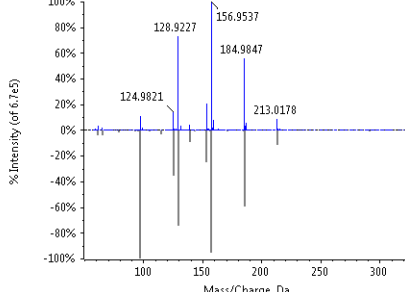
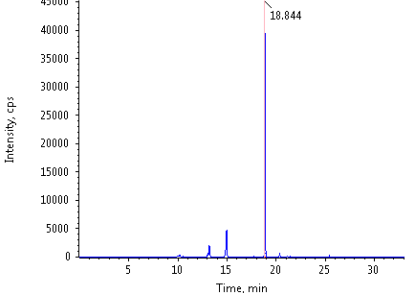
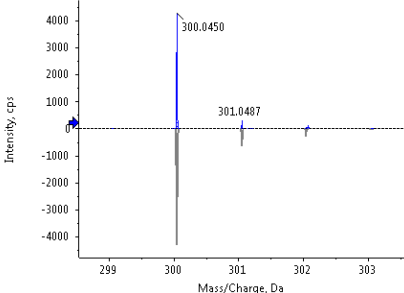
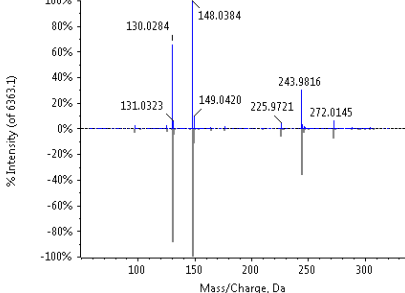
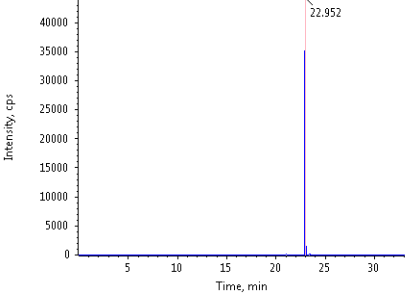
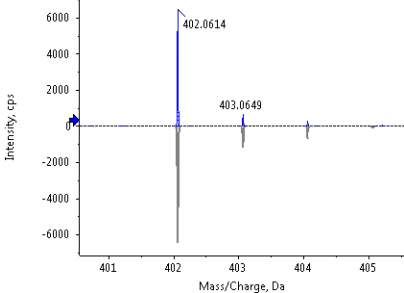
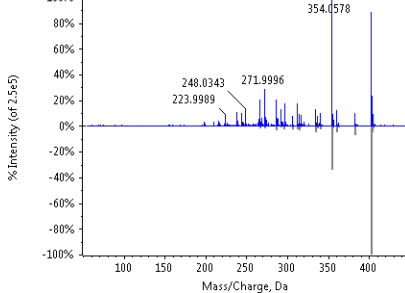
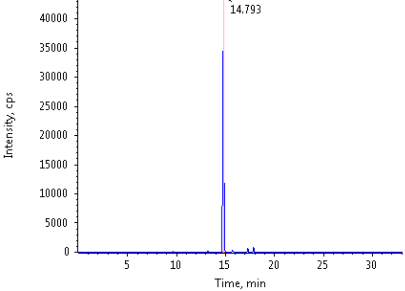
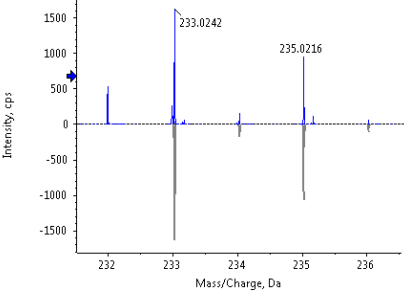
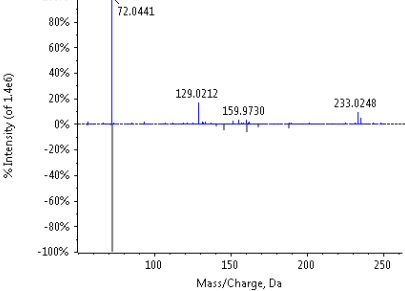
序号	化合物	一级图谱	二级图谱
65	苄氯三唑醇	<p>Std4 - Diclobutazrole (Standard) 328.0...ry-20200604.wiff2), (sample Index: 5) Area: 1.385e5, Height: 3.301e4, RT: 20.46 min</p> 	<div><div><p>● Spectrum from Screen-test-P-celer...nt 1, from 20.477 to 20.509 min ● [C15H19ClN3O+H]<sup>+</sup></p></div><div><p>● Spectrum from Screen-test-P-celer...ecursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Diclobutazrole, CE=35±15</p></div></div>
66	百治磷	<p>Std4 - Dicrotophos (Standard) 238.0739...ry-20200604.wiff2), (sample Index: 5) Area: 2.089e5, Height: 4.481e4, RT: 6.17 min</p> 	<div><div><p>● Spectrum from Screen-test-P-celer...ment 1, from 6.117 to 6.150 min ● [C8H16NO5P+H]<sup>+</sup></p></div><div><p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Dicrotophos (3735-78-3), CE=35±0</p></div></div>
67	避蚊胺	<p>Std4 - Diethyltoluamide (Standard) 192...ry-20200604.wiff2), (sample Index: 5) Area: 1.163e6, Height: 2.079e5, RT: 14.63 min</p> 	<div><div><p>● Spectrum from Screen-test-P-celer...nt 1, from 14.574 to 14.606 min ● [C12H17NO+H]<sup>+</sup></p></div><div><p>● Spectrum from Screen-test-P-celer...ecursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: DEET (134-62-3), CE=35±0</p></div></div>
68	苯醚甲环唑	<p>Std4 - Difenoconazole (Standard) 406.0...ry-20200604.wiff2), (sample Index: 5) Area: 3.879e4, Height: 7.180e3, RT: 22.14 min</p> 	<div><div><p>● Spectrum from Screen-test-P-celer...nt 1, from 22.119 to 22.152 min ● [C19H17Cl2N3O3+H]<sup>+</sup></p></div><div><p>● Spectrum from Screen-test-P-celer...ecursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Difenoconazole (119446-68-3), CE=35±0</p></div></div>
69	枯莠隆	<p>Std4 - Difenoaxuron (Standard) 287.1290...ry-20200604.wiff2), (sample Index: 5) Area: 4.829e5, Height: 8.038e4, RT: 14.84 min</p> 	<div><div><p>● Spectrum from Screen-test-P-celer...nt 1, from 14.883 to 14.915 min ● [C16H18N2O3+H]<sup>+</sup></p></div><div><p>● Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Difenoaxuron (14214-32-5), CE=20±0</p></div></div>

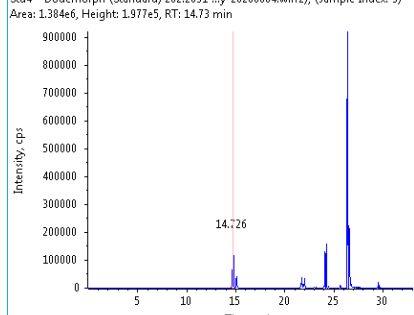
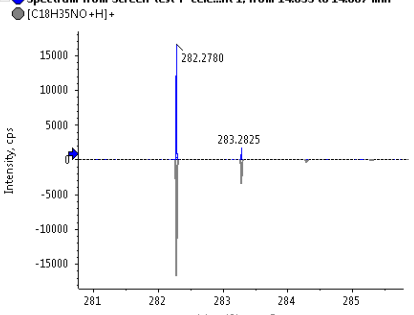
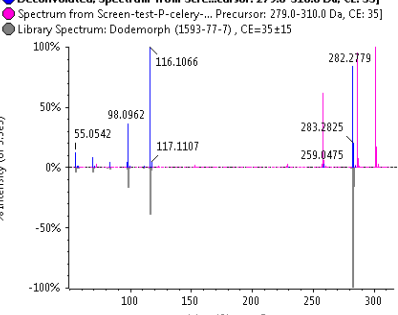
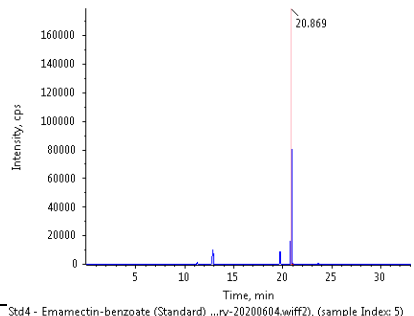
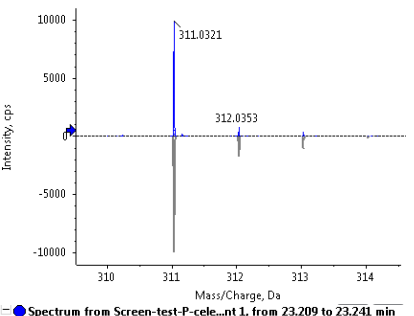
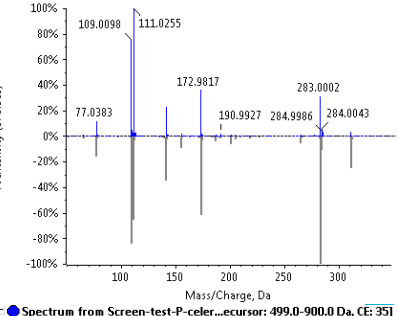
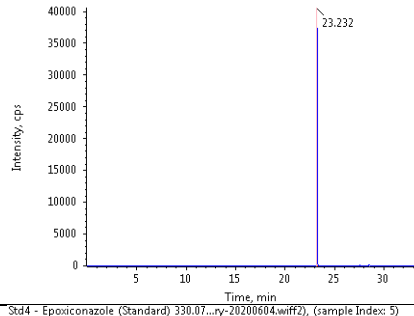
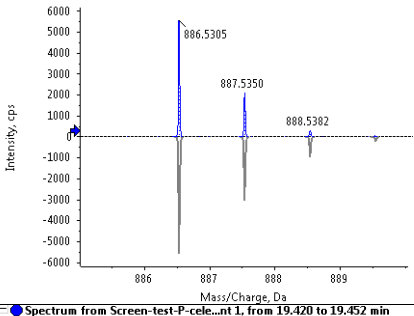
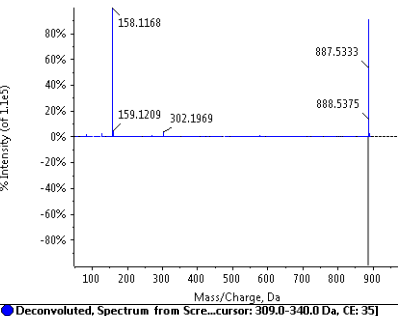
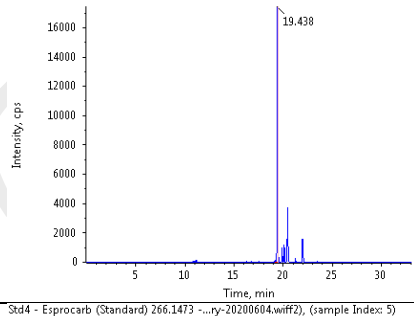
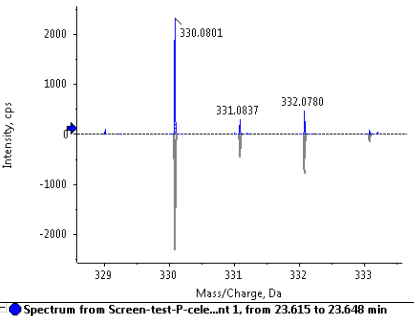
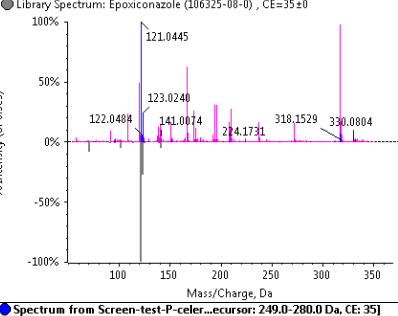
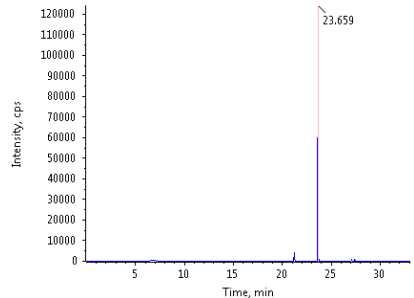
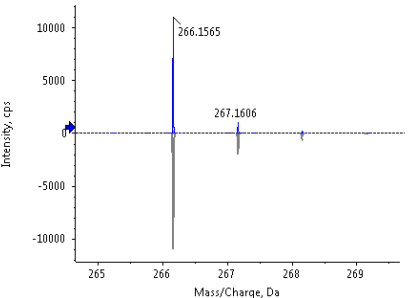
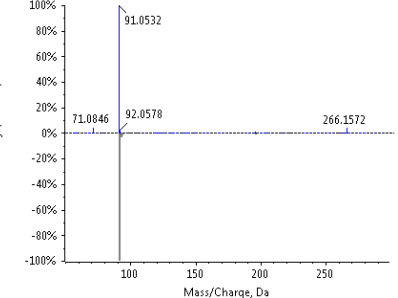
序号	化合物	一级图谱	二级图谱
70	除虫脲	Std4 - Diflubenzuron (Standard) 311.02...ry-20200604.wiff2), (sample Index: 5) Area: 5.047e4, Height: 1.118e4, RT: 19.72 min 	<ul style="list-style-type: none"><li>● Spectrum from Screen-test-P-celer...nt 1, from 19.712 to 19.745 min</li><li>● [C14H9ClF2N2O2+H]<sup>+</sup></li><li>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35]</li><li>● Library Spectrum: Diflubenzuron (35367-38-5), CE=35±15</li></ul>  
71	噁唑隆	Std4 - Dimefuron (Standard) 339.1118...ry-20200604.wiff2), (sample Index: 5) Area: 3.699e4, Height: 8.473e3, RT: 19.58 min 	<ul style="list-style-type: none"><li>● Spectrum from Screen-test-P-celer...nt 1, from 19.533 to 19.566 min</li><li>● [C15H19ClN4O3+H]<sup>+</sup></li><li>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35]</li><li>● Library Spectrum: Dimefuron (34205-21-5), CE=35±15</li></ul>  
72	二甲草胺	Std4 - Dimethachlor (Standard) 256.099...ry-20200604.wiff2), (sample Index: 5) Area: 2.157e5, Height: 1.420e4, RT: 15.44 min 	<ul style="list-style-type: none"><li>● Spectrum from Screen-test-P-celer...nt 1, from 15.468 to 15.500 min</li><li>● [C13H18ClNO2+H]<sup>+</sup></li><li>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35]</li><li>● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35]</li><li>● Library Spectrum: Dimethachlor (50563-36-5), CE=35±10</li></ul>  
73	异戊乙净	Std4 - Dimethametryn (Standard) 256.1...ry-20200604.wiff2), (sample Index: 5) Area: 2.893e6, Height: 2.880e5, RT: 19.63 min 	<ul style="list-style-type: none"><li>● Spectrum from Screen-test-P-celer...nt 1, from 19.403 to 19.436 min</li><li>● [C11H21N5S+H]<sup>+</sup></li><li>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35]</li><li>● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35]</li><li>● Library Spectrum: Dimethametryn (22936-75-0), CE=35±15</li></ul>  
74	二甲吩草胺	Std4 - Dimethenamid (Standard) 276.07...ry-20200604.wiff2), (sample Index: 5) Area: 2.385e5, Height: 3.960e4, RT: 17.29 min 	<ul style="list-style-type: none"><li>● Spectrum from Screen-test-P-celer...nt 1, from 17.322 to 17.354 min</li><li>● [C12H18ClNO2S+H]<sup>+</sup></li><li>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35]</li><li>● Library Spectrum: Dimethenamide (87674-68-8), CE=35±15</li></ul>  

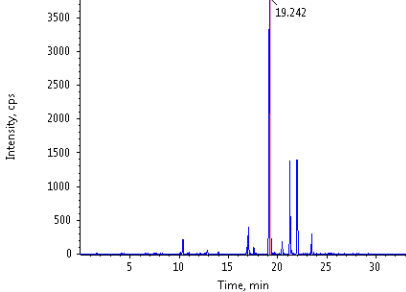
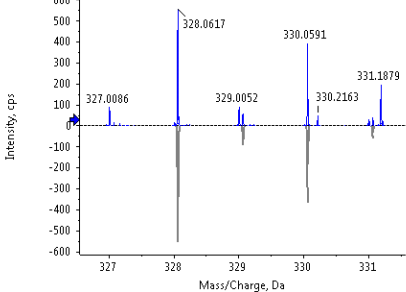
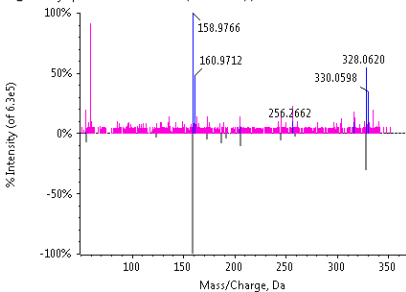
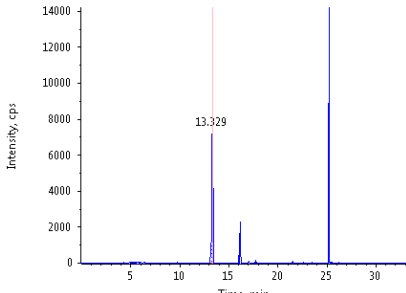
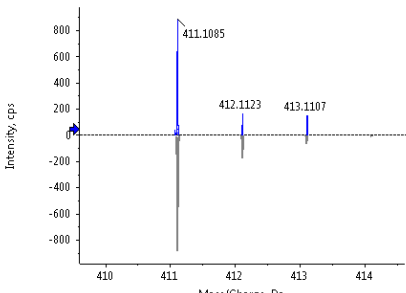
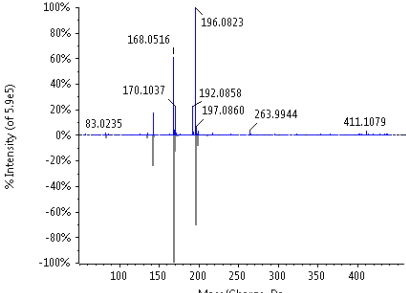
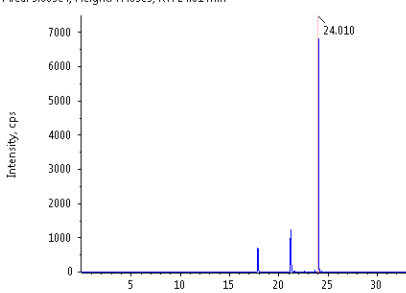
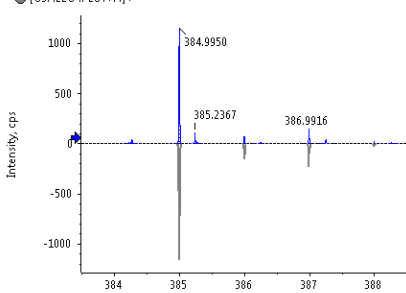
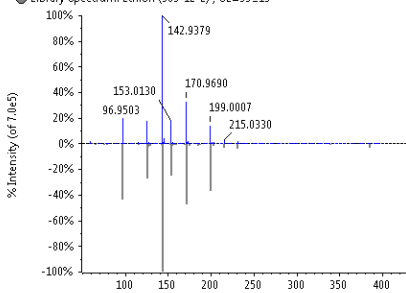
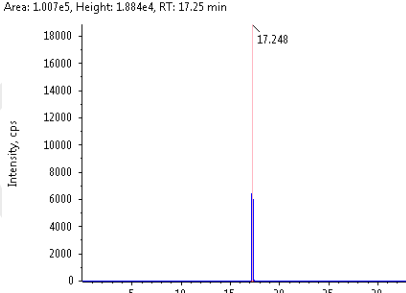
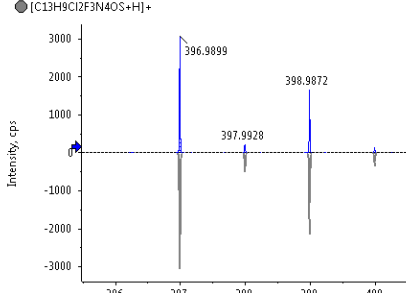
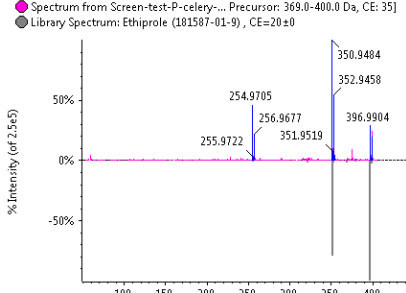
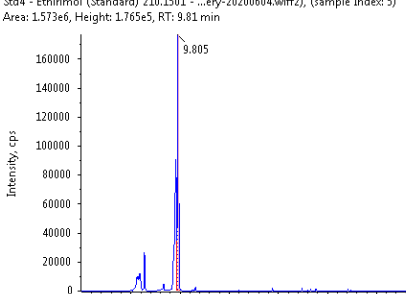
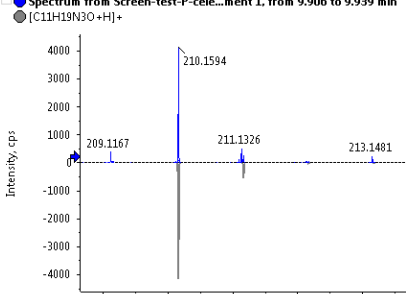
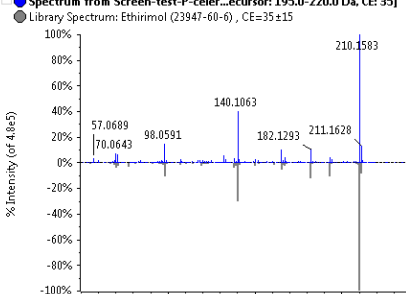
序号	化合物	一级图谱	二级图谱	
75	二甲嘧酚	<p>Std4 - Dimethirimol (Standard) 210.150...ry-20200604.wiff2), (sample Index: 5) Area: 1.573e6, Height: 1.765e5, RT: 9.81 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.906 to 9.939 min ● [C11H19N3O+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Ethirimol (23947-60-6), CE=35±15</p> 
76	乐果	<p>Std4 - Dimethoate (Standard) 229.9969...ry-20200604.wiff2), (sample Index: 5) Area: 7.751e4, Height: 1.029e4, RT: 7.41 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.386 to 7.418 min ● [C5H12NO3PS2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Dimethoate (60-51-5), CE=35±15</p> 
77	烯酰吗啉	<p>Std4 - Dimethomorph (Standard) 388.12...ry-20200604.wiff2), (sample Index: 5) Area: 3.537e4, Height: 5.368e3, RT: 17.76 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.745 to 17.777 min ● [C21H22ClNO4+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Dimethomorph (110488-70-5), CE=20±0</p> 
78	敌蝇威	<p>Std4 - Dimethilan (Standard) 241.1195...ry-20200604.wiff2), (sample Index: 5) Area: 3.905e5, Height: 4.890e4, RT: 7.83 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.776 to 7.809 min ● [C10H16N4O3+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Dimethilan (644-64-4), CE=50±0</p> 
79	醚菌胺	<p>Std4 - Dimoxystrobin (Standard) 327.16...ry-20200604.wiff2), (sample Index: 5) Area: 1.540e5, Height: 3.323e4, RT: 20.25 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.249 to 20.282 min ● [C19H22N2O3+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Dimoxystrobin (149961-52-4), CE=35±15</p> 

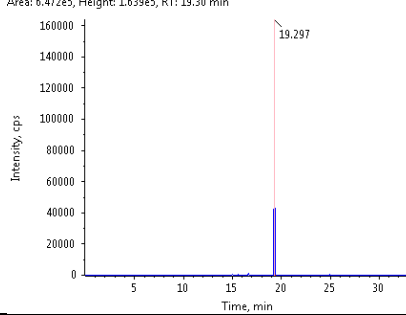
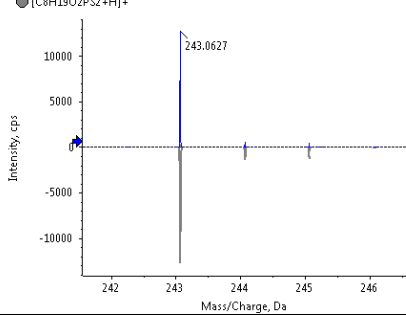
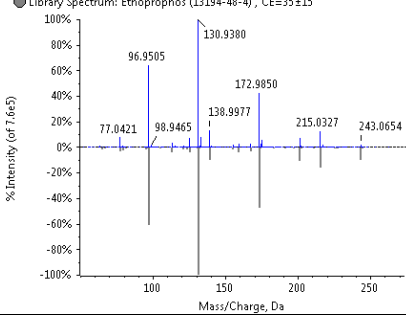
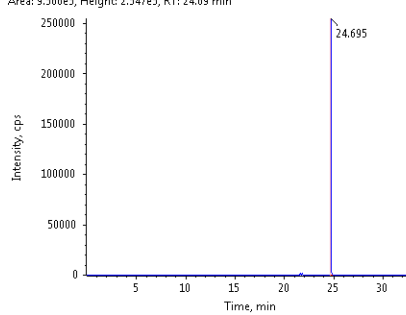
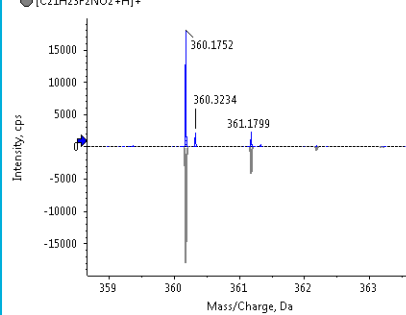
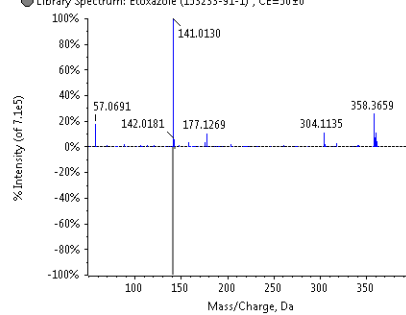
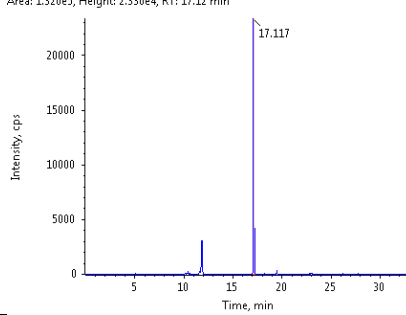
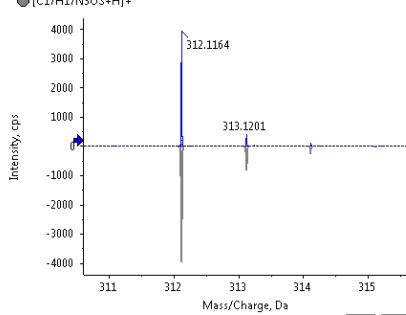
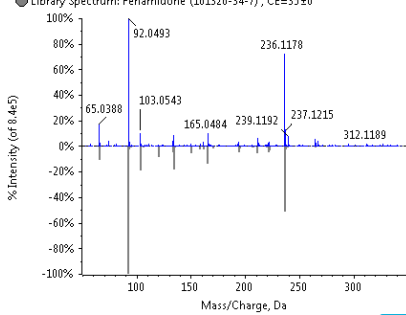
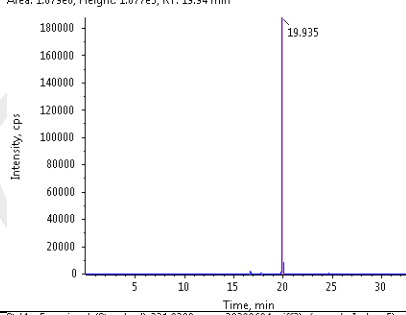
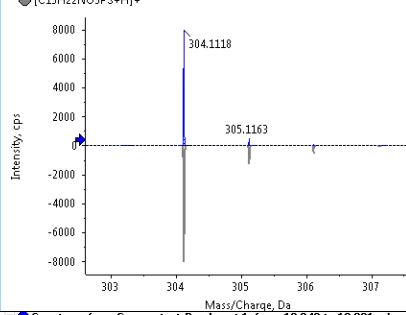
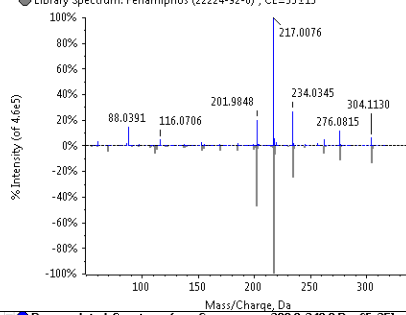
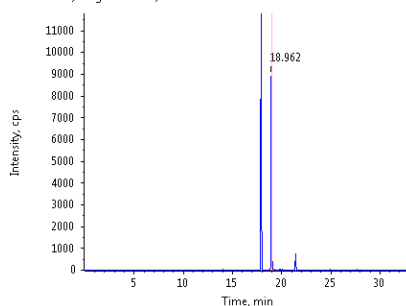
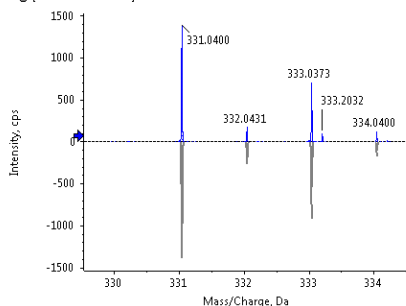
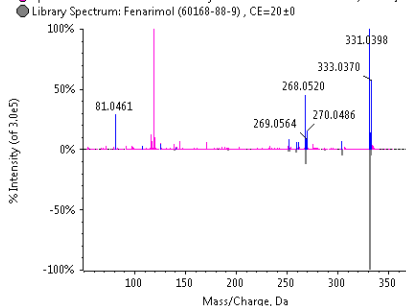


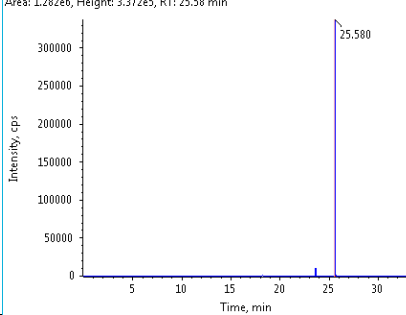
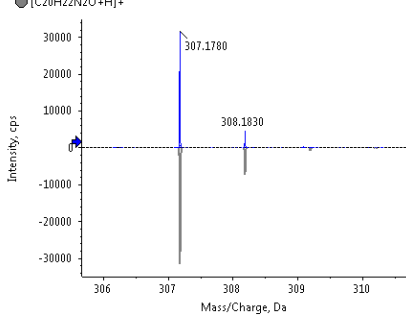
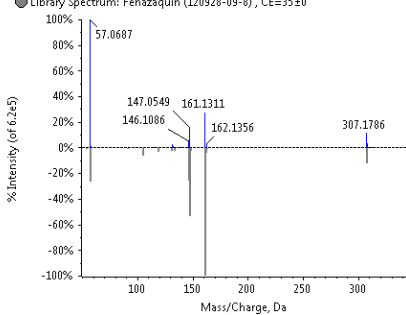
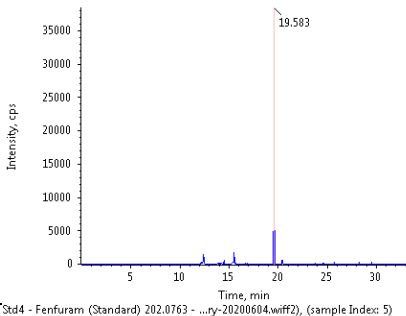
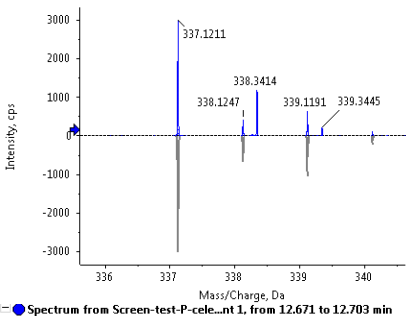
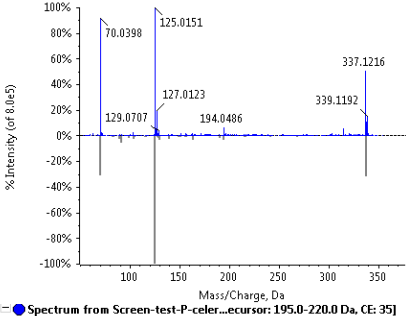
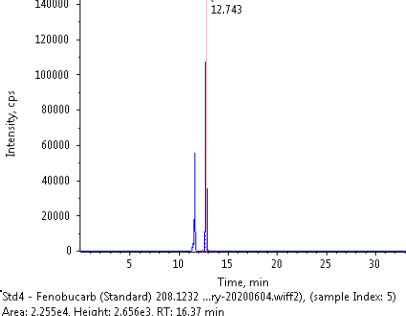
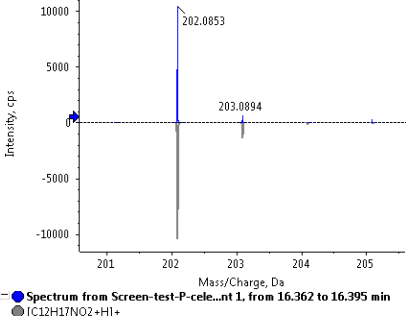
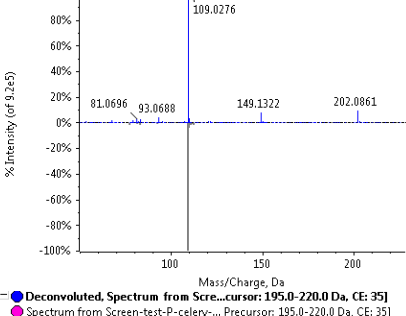
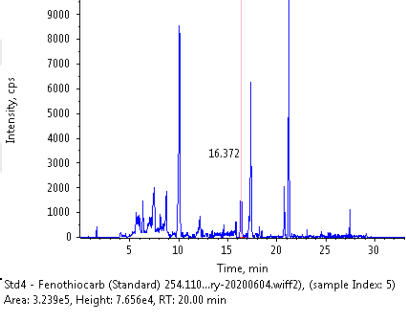
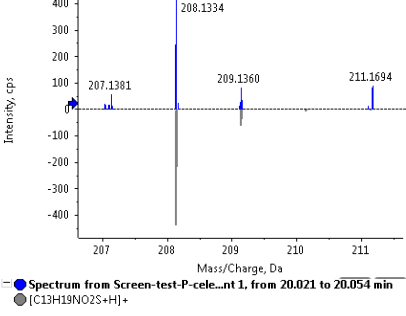
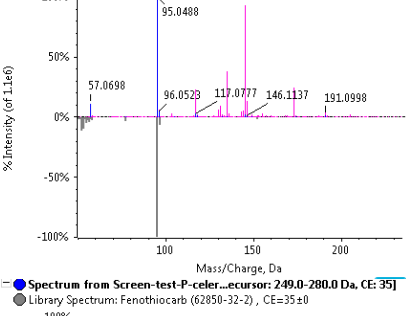
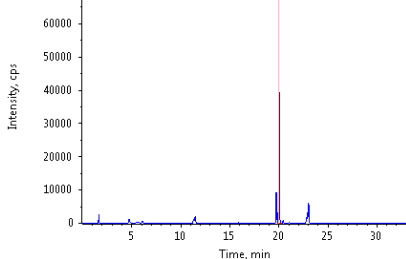
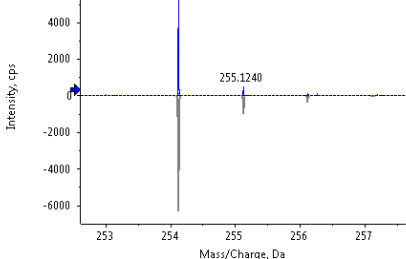
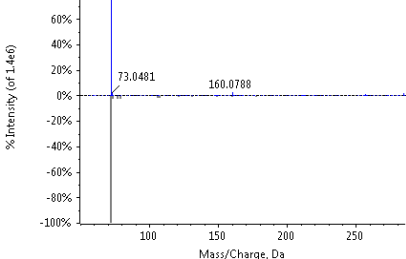
序号	化合物	一级图谱	二级图谱
80	烯唑醇	Std4 - Diniconazole (Standard) 326.072...ry-20200604.wiff2), (sample Index: 5) Area: 1.294e5, Height: 2.704e4, RT: 21.99 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-cel...nt 1, from 21.973 to 22.005 min</li> <li>● [C15H17ClN3O+H]<sup>+</sup></li> <li>● Deconvoluted, Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celery... Precursor: 309.0-340.0 Da, CE: 35]</li> <li>● Library Spectrum: Diniconazole (83657-24-3), CE=20±0</li> </ul>  
81	氨基灵	Std4 - Dinitramine (Standard) 323.0862...ry-20200604.wiff2), (sample Index: 5) Area: 7.922e4, Height: 2.209e4, RT: 21.53 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-cel...nt 1, from 21.517 to 21.550 min</li> <li>● [C11H13F3N4O4+H]<sup>+</sup></li> <li>● Deconvoluted, Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celery... Precursor: 309.0-340.0 Da, CE: 35]</li> <li>● Library Spectrum: Dinitramine, CE=35±15</li> </ul>  
82	呋虫胺	Std4 - Dinotefuran (Standard) 203.1039...ry-20200604.wiff2), (sample Index: 5) Area: 2.564e4, Height: 4.841e3, RT: 4.93 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-cel...ment 1, from 4.914 to 4.946 min</li> <li>● [C7H14N4O3+H]<sup>+</sup></li> <li>● Deconvoluted, Spectrum from Scre...cursor: 195.0-220.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celery... Precursor: 195.0-220.0 Da, CE: 35]</li> <li>● Library Spectrum: Dinotefuran (165252-70-0), CE=35±15</li> </ul>  
83	双苯酰草胺	Std4 - Diphenamid (Standard) 240.1283...ry-20200604.wiff2), (sample Index: 5) Area: 2.127e6, Height: 2.903e5, RT: 15.45 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-cel...nt 1, from 15.517 to 15.549 min</li> <li>● [C16H17NO+H]<sup>+</sup></li> <li>● Deconvoluted, Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celery... Precursor: 219.0-250.0 Da, CE: 35]</li> <li>● Library Spectrum: Diphenamid (957-51-7), CE=20±0</li> </ul>  
84	异丙净	Std4 - Dipropetryn (Standard) 256.1490...ry-20200604.wiff2), (sample Index: 5) Area: 2.893e6, Height: 2.880e5, RT: 19.63 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-cel...nt 1, from 19.403 to 19.436 min</li> <li>● [C11H21N5S+H]<sup>+</sup></li> <li>● Deconvoluted, Spectrum from Scre...cursor: 249.0-280.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celery... Precursor: 249.0-280.0 Da, CE: 35]</li> <li>● Library Spectrum: Dipropetryn (4147-51-7), CE=35±15</li> </ul>  

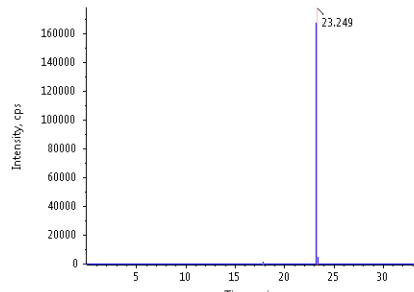
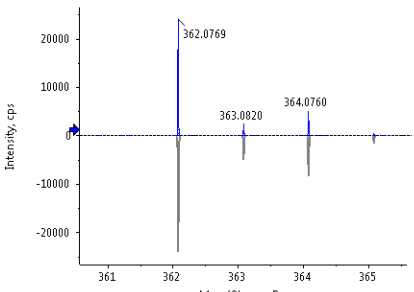
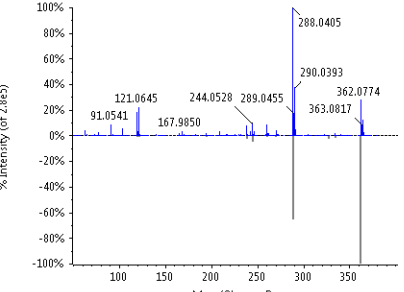
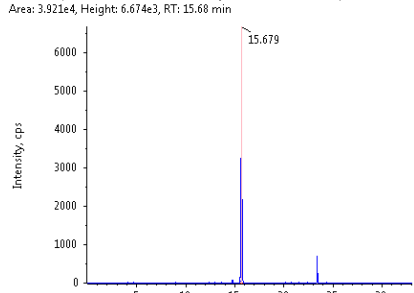
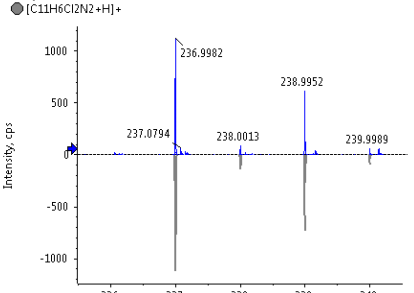
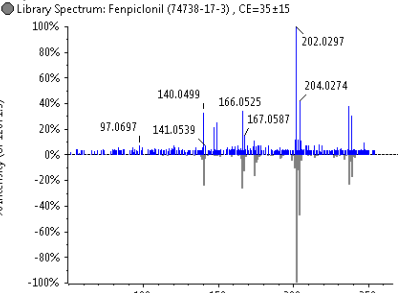
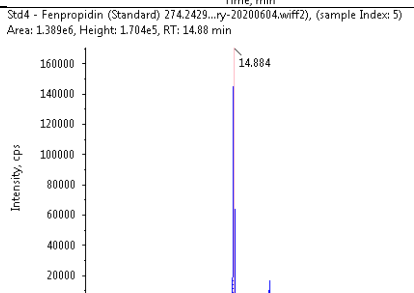
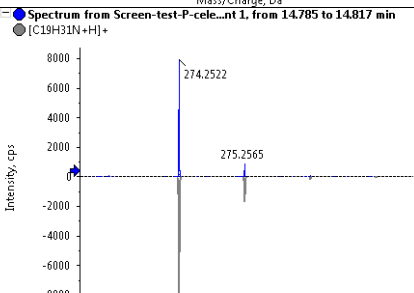
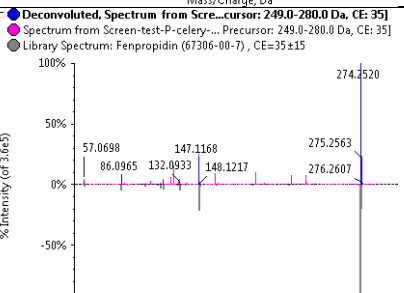
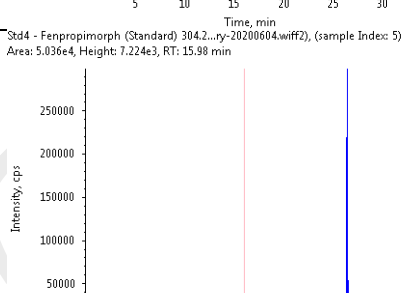
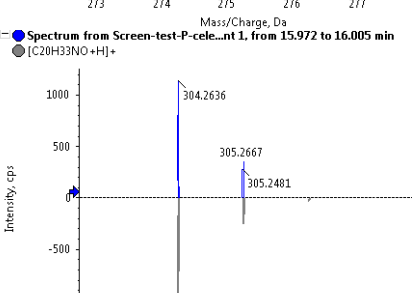
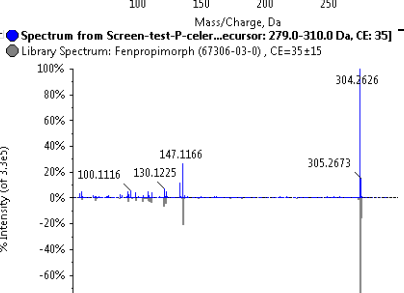
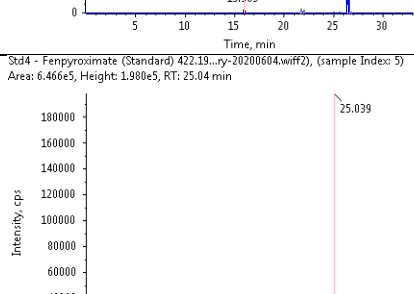
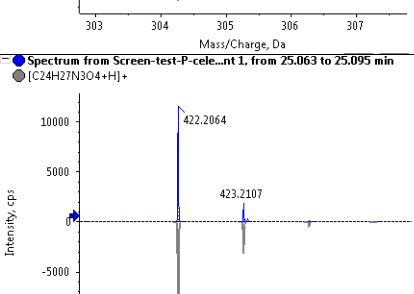
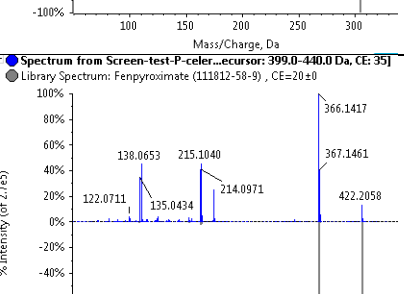
序号	化合物	一级图谱	二级图谱	
85	乙拌磷	<p>Std4 - Disulfoton sulfone (Standard) 3...ry-20200604.wiff2), (sample Index: 5) Area: 3.139e5, Height: 5.285e4, RT: 14.00 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 13.988 to 14.021 min ● [C8H19O4PS3+H]+</p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Disulfoton-sulfon (2497-06-5), CE=35±15</p> 
86	砒拌磷	<p>Std4 - Disulfoton sulfoxide (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 1.860e5, Height: 2.745e4, RT: 13.65 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 13.647 to 13.679 min ● [C8H19O3PS3+H]+</p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Disulfoton-sulfoxide (2497-07-6), CE=35±15</p> 
87	灭菌磷	<p>Std4 - Ditalimfos (Standard) 300.0354 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.235e5, Height: 4.520e4, RT: 18.84 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.867 to 18.899 min ● [C12H14N4O4PS+H]+</p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Ditalimfos, CE=35±15</p> 
88	氟硫草定	<p>Std4 - Dithiopyr (Standard) 402.0515 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.672e5, Height: 4.425e4, RT: 22.95 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.932 to 22.965 min ● [C15H16F5NO2S2+H]+</p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Dithiopyr (97886-45-8), CE=20±0</p> 
89	敌草隆	<p>Std4 - Diuron (Standard) 233.0143 - 23...ry-20200604.wiff2), (sample Index: 5) Area: 3.510e5, Height: 4.377e4, RT: 14.79 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.850 to 14.883 min ● [C9H10Cl2N2O+H]+</p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Diuron (330-54-1), CE=35±15</p> 

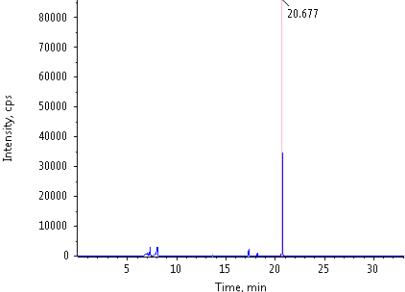
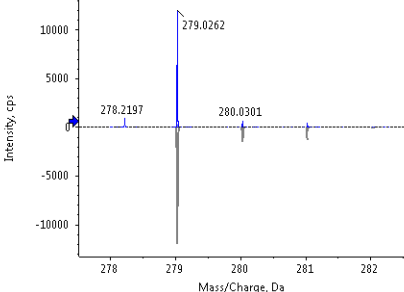
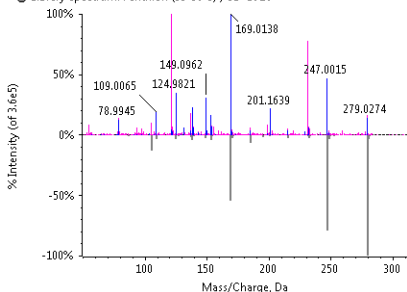
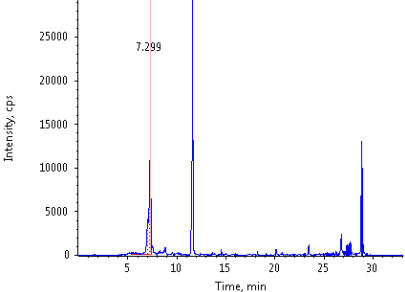
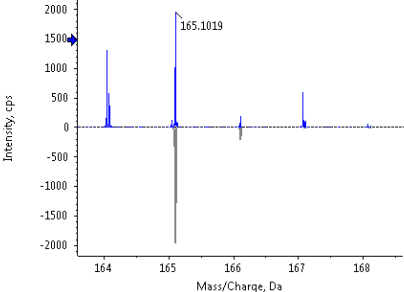
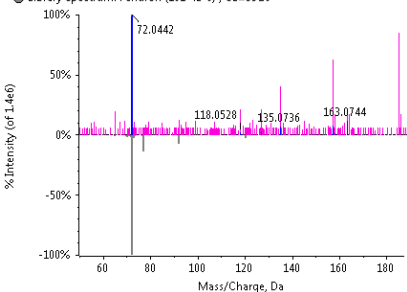
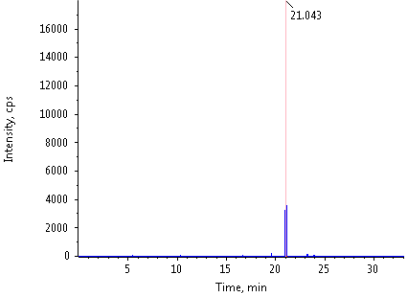
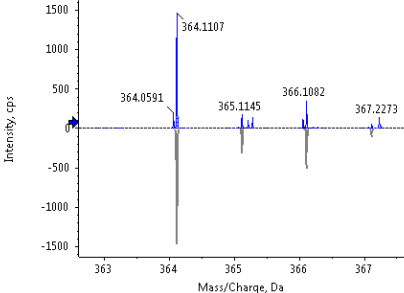
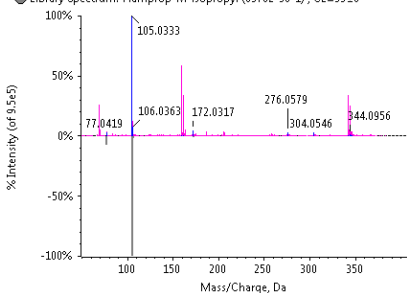
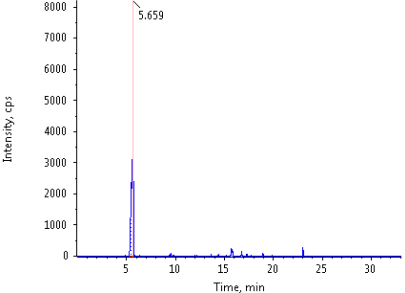
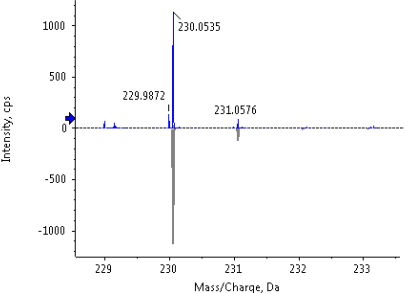
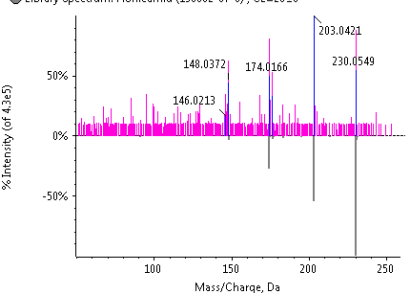
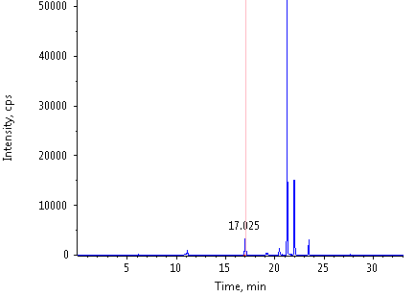
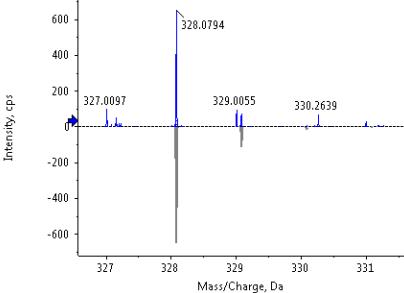
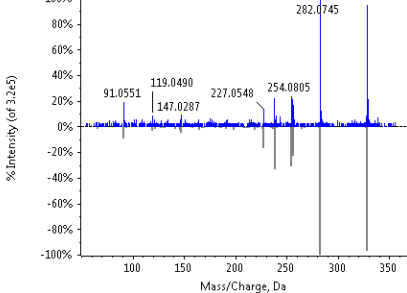
序号	化合物	一级图谱	二级图谱
90	十二环吗啉	<p>Std4 - Dodemorph (Standard) 282.2691 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.384e6, Height: 1.977e5, RT: 14.73 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.655 to 14.687 min ● [C18H35NO+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Dodemorph (1583-77-7), CE=35±15</p> 
91	敌瘟磷	<p>Std4 - Edifenphos (Standard) 311.0224 ...ry-20200604.wiff2), (sample Index: 5) Area: 8.644e5, Height: 1.788e5, RT: 20.87 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.802 to 20.834 min ● [C14H15O2PS2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Edifenphos (17109-49-8), CE=35±15</p> 
92	甲氨基阿维菌素	<p>Std4 - Emamectin-benzoate (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 1.212e5, Height: 4.054e4, RT: 23.23 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 23.209 to 23.241 min ● [C49H75NO13+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 499.0-900.0 Da, CE: 35] ● Library Spectrum: Emamectin B1a (123997-28-4), CE=20±0</p> 
93	氟环唑	<p>Std4 - Epoxiconazole (Standard) 330.07 ...ry-20200604.wiff2), (sample Index: 5) Area: 7.728e4, Height: 1.743e4, RT: 19.44 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.420 to 19.452 min ● [C17H13ClFN3O+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Epoxiconazole (106325-08-0), CE=35±0</p> 
94	戊草丹	<p>Std4 - Esprocarb (Standard) 266.1473 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.853e5, Height: 1.241e5, RT: 23.66 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 23.615 to 23.648 min ● [C15H23NOS+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Esprocarb (85785-20-2), CE=35±0</p> 

序号	化合物	一级图谱	二级图谱
95	乙环唑	Std4 - Etoconazole (Standard) 328.0514...ry-20200604.wiff2), (sample Index: 5) Area: 2.201e4, Height: 7.793e3, RT: 19.24 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-cel...nt 1, from 19.225 to 19.257 min ● [C14H15Cl2N3O2+H]<sup>+</sup> </li> <li>Deconvoluted Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35 ● Spectrum from Screen-test-P-celery... Precursor: 309.0-340.0 Da, CE: 35 ● Library Spectrum: Etoconazole (60207-93-4), CE=35±15 </li> </ul>
96	甲基胺苯磺隆	Std4 - Ethamsulfuron-methyl (Standar...ry-20200604.wiff2), (sample Index: 5) Area: 7.172e4, Height: 7.365e3, RT: 13.33 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-cel...nt 1, from 13.370 to 13.403 min ● [C15H18N6O6S+H]<sup>+</sup> </li> <li>Spectrum from Screen-test-P-celery...cursor: 399.0-440.0 Da, CE: 35 ● Library Spectrum: Ethamsulfuron-methyl (97780-06-8), CE=35±0 </li> </ul>
97	乙硫磷	Std4 - Ethion (Standard) 384.9849 - 38...ry-20200604.wiff2), (sample Index: 5) Area: 3.069e4, Height: 7.489e3, RT: 24.01 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-cel...nt 1, from 23.989 to 24.022 min ● [C9H22O4P2S4+H]<sup>+</sup> </li> <li>Spectrum from Screen-test-P-celery...cursor: 369.0-400.0 Da, CE: 35 ● Library Spectrum: Ethion (563-12-2), CE=35±15 </li> </ul>
98	乙虫腈	Std4 - Ethiprole (Standard) 396.9799 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.007e5, Height: 1.884e4, RT: 17.25 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-cel...nt 1, from 17.224 to 17.257 min ● [C13H9Cl2F3N4OS+H]<sup>+</sup> </li> <li>Deconvoluted Spectrum from Scre...cursor: 369.0-400.0 Da, CE: 35 ● Spectrum from Screen-test-P-celery... Precursor: 369.0-400.0 Da, CE: 35 ● Library Spectrum: Ethiprole (181587-01-9), CE=20±0 </li> </ul>
99	乙啶酚	Std4 - Ethirimol (Standard) 210.1501 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.573e6, Height: 1.765e5, RT: 9.81 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-cel...ment 1, from 9.906 to 9.939 min ● [C11H19N3O+H]<sup>+</sup> </li> <li>Spectrum from Screen-test-P-celery...cursor: 195.0-220.0 Da, CE: 35 ● Library Spectrum: Ethirimol (23947-60-6), CE=35±15 </li> </ul>

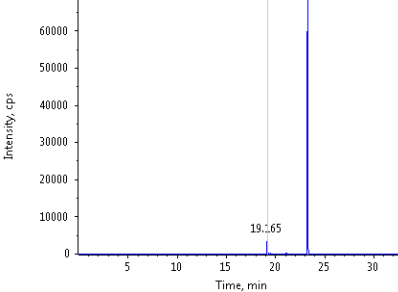
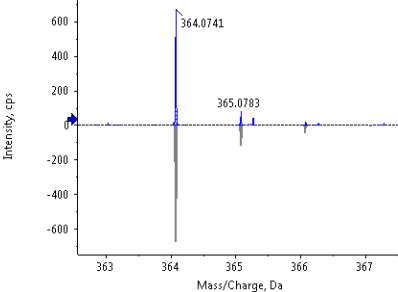
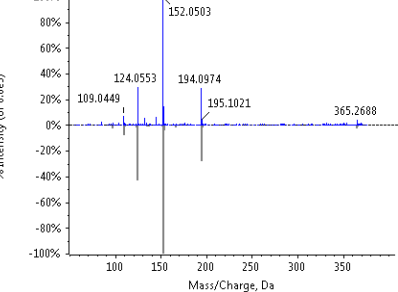
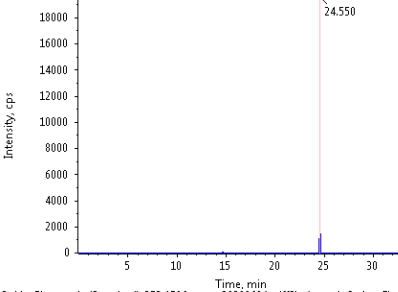
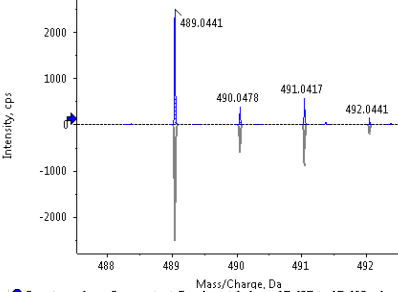
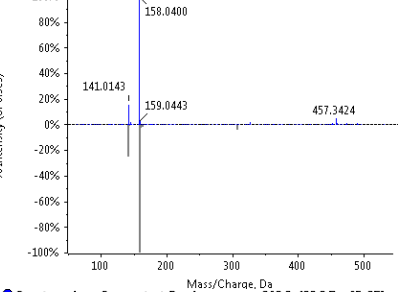
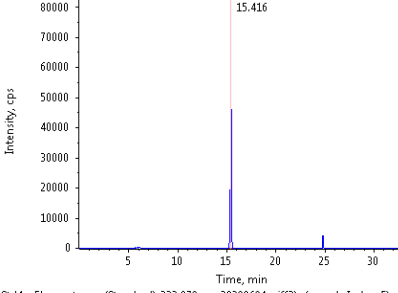
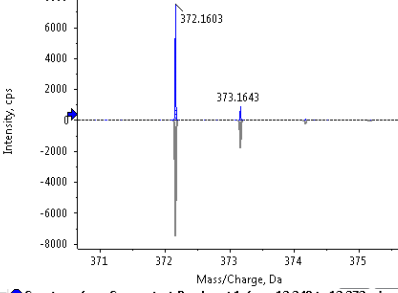
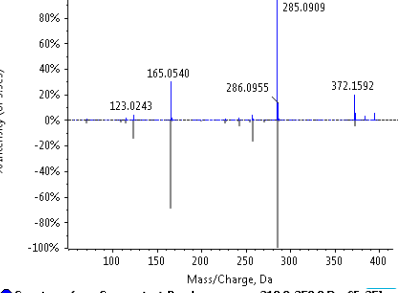
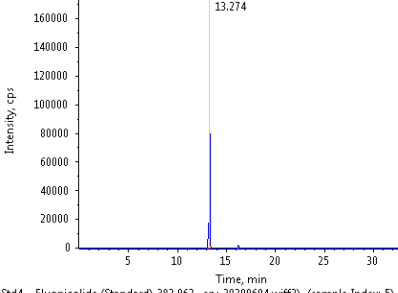
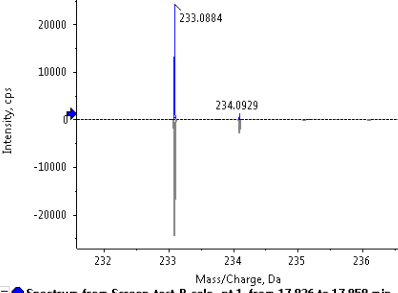
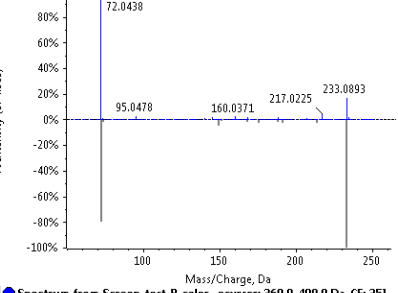
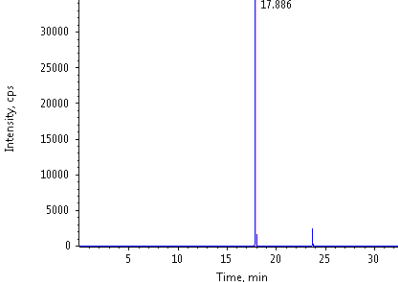
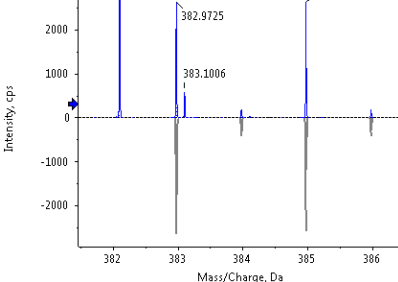
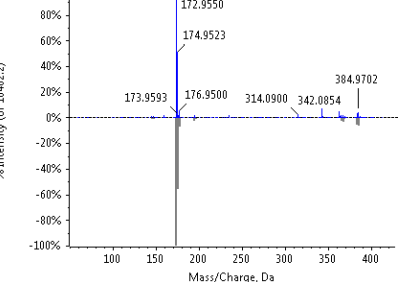
序号	化合物	一级图谱	二级图谱	
100	灭线磷	Std4 - Ethoprophos (Standard) 243.053...ry-20200604.wiff2), (sample Index: 5) Area: 6.472e5, Height: 1.639e5, RT: 19.30 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 19.241 to 19.273 min ● [C8H19O2PS2+H] <sup>+</sup>	 ● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Ethoprophos (13194-48-4), CE=35±15
101	乙螨唑	Std4 - Etoxazole (Standard) 360.1679...ry-20200604.wiff2), (sample Index: 5) Area: 9.566e5, Height: 2.547e5, RT: 24.69 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 24.721 to 24.754 min ● [C21H23F2NO2+H] <sup>+</sup>	 ● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Etoxazole (153233-91-1), CE=50±0
102	咪唑菌酮	Std4 - Fenamidone (Standard) 312.1065...ry-20200604.wiff2), (sample Index: 5) Area: 1.320e5, Height: 2.336e4, RT: 17.12 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 17.094 to 17.127 min ● [C17H17N3OS+H] <sup>+</sup>	 ● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Fenamidone (161326-34-7), CE=35±0
103	苯线磷	Std4 - Fenamiphos (Standard) 304.1031...ry-20200604.wiff2), (sample Index: 5) Area: 1.079e6, Height: 1.877e5, RT: 19.94 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 19.989 to 20.021 min ● [C13H22NO3PS+H] <sup>+</sup>	 ● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Fenamiphos (22224-92-6), CE=35±15
104	氯苯嘧啶醇	Std4 - Fenarimol (Standard) 331.0299...ry-20200604.wiff2), (sample Index: 5) Area: 4.387e4, Height: 8.914e3, RT: 18.96 min 	 ● Spectrum from Screen-test-P-celer...nt 1, from 18.948 to 18.981 min ● [C17H12Cl2N2O+H] <sup>+</sup>	 ● Deconvoluted, Spectrum from Sre...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Fenarimol (60168-88-9), CE=20±0

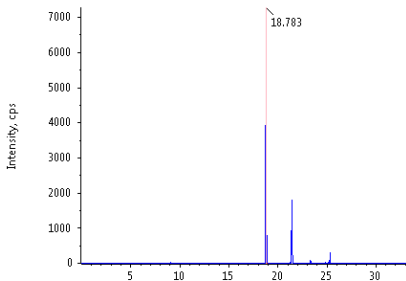
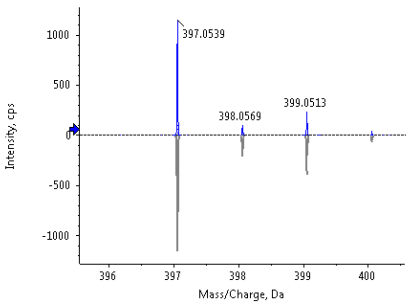
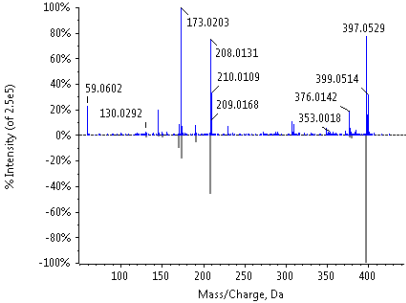
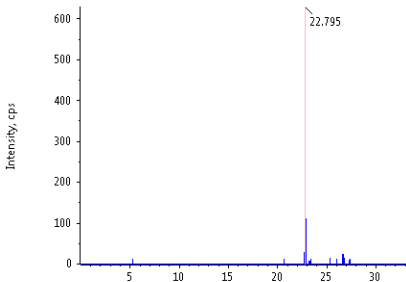
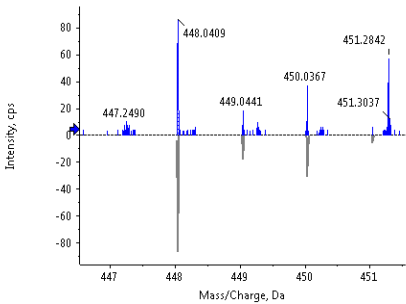
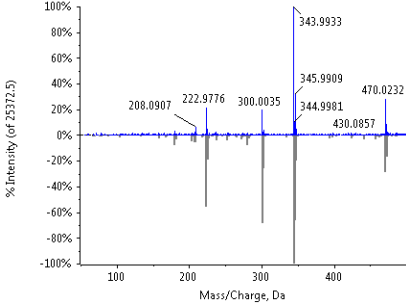
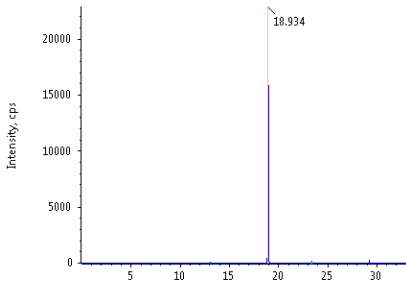
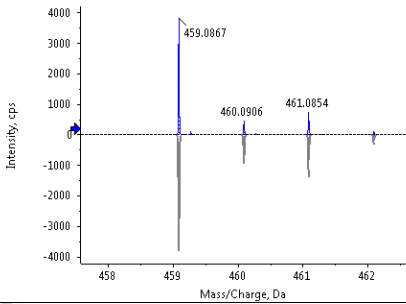
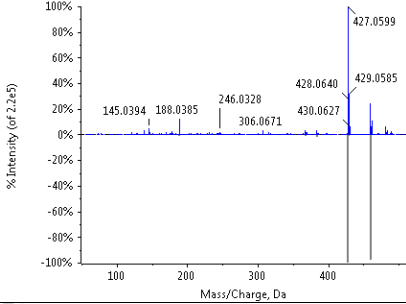
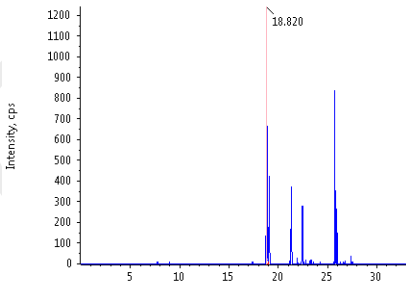
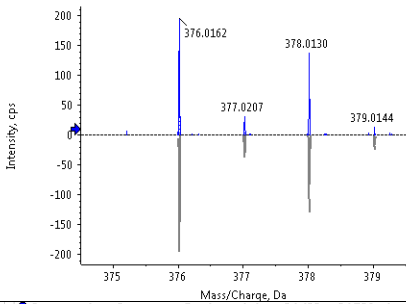
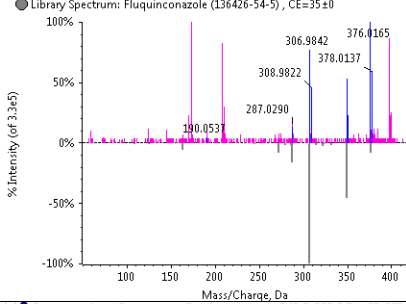
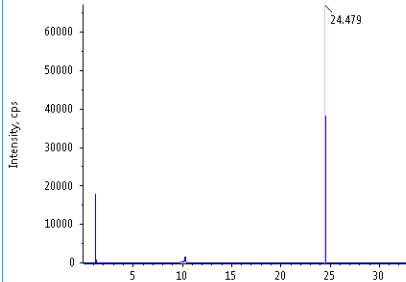
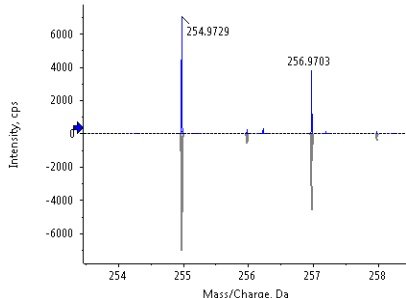
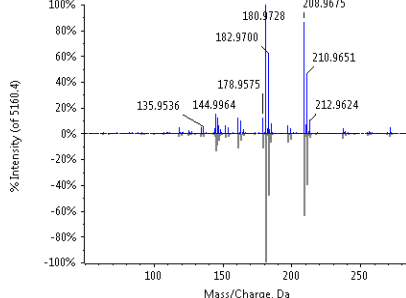
序号	化合物	一级图谱	二级图谱
105	喹螨醚	Std4 - Fenazaquin (Standard) 307.1705 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.282e6, Height: 3.372e5, RT: 25.58 min 	Spectrum from Screen-test-P-celer...nt 1, from 25.599 to 25.632 min [C20H22N2O+H] <sup>+</sup>  Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35 Library Spectrum: Fenazaquin (120928-09-8), CE=35±0 
106	腈苯唑	Std4 - Fenbuconazole (Standard) 337.11...ry-20200604.wiff2), (sample Index: 5) Area: 1.542e5, Height: 3.844e4, RT: 19.58 min 	Spectrum from Screen-test-P-celer...nt 1, from 19.533 to 19.566 min [C19H17ClN4+H] <sup>+</sup>  Spectrum from Screen-test-P-celer...ecursor: 309.0-340.0 Da, CE: 35 Library Spectrum: Fenbuconazole (114369-43-6), CE=35±15 
107	甲呋酰胺	Std4 - Fenfuram (Standard) 202.0763 ...ry-20200604.wiff2), (sample Index: 5) Area: 9.041e5, Height: 1.455e5, RT: 12.74 min 	Spectrum from Screen-test-P-celer...nt 1, from 12.671 to 12.703 min [C12H11NO2+H] <sup>+</sup>  Spectrum from Screen-test-P-celer...ecursor: 195.0-220.0 Da, CE: 35 Library Spectrum: Fenfuram (24691-80-3), CE=35±0 
108	仲丁威	Std4 - Fenobucarb (Standard) 208.1232 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.255e4, Height: 2.656e3, RT: 16.37 min 	Spectrum from Screen-test-P-celer...nt 1, from 16.362 to 16.395 min [C12H17NO2+H] <sup>+</sup>  Deconvoluted Spectrum from Screen-test-P-celer...ecursor: 195.0-220.0 Da, CE: 35 Spectrum from Screen-test-P-celer...ecursor: 195.0-220.0 Da, CE: 35 Library Spectrum: Fenobucarb (3766-81-2), CE=20±0 
109	苯硫威	Std4 - Fenothiocarb (Standard) 254.110...ry-20200604.wiff2), (sample Index: 5) Area: 3.239e5, Height: 7.656e4, RT: 20.00 min 	Spectrum from Screen-test-P-celer...nt 1, from 20.021 to 20.054 min [C13H19NO2S+H] <sup>+</sup>  Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35 Library Spectrum: Fenothiocarb (62850-32-2), CE=35±0 

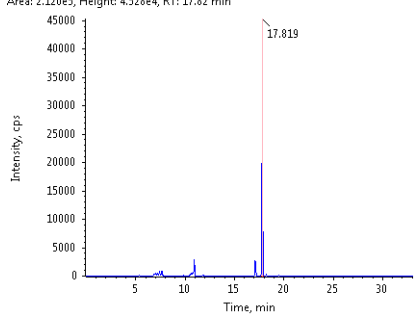
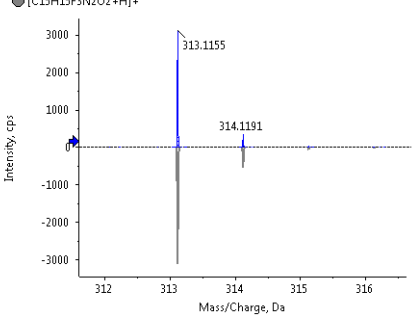
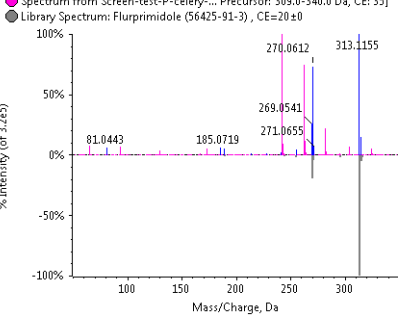
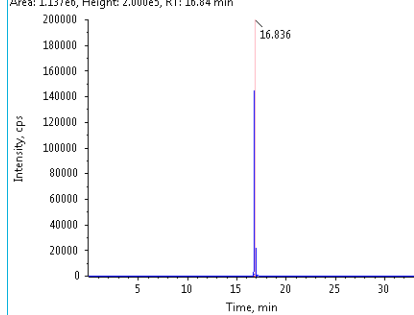
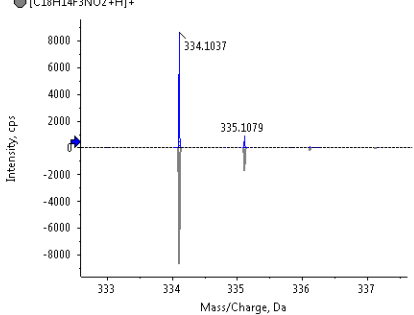
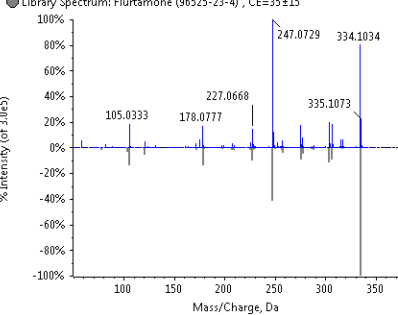
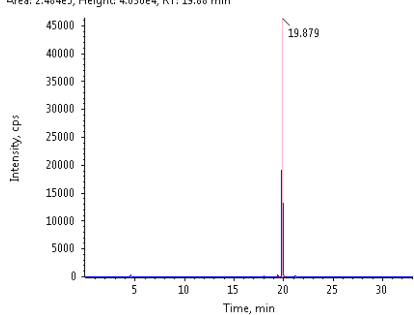
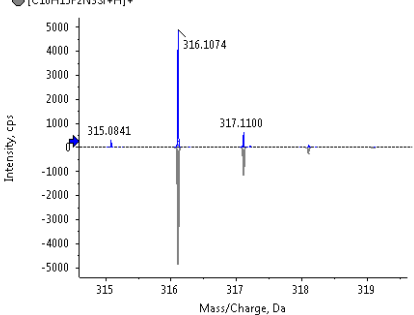
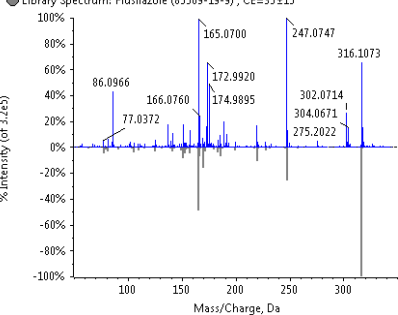
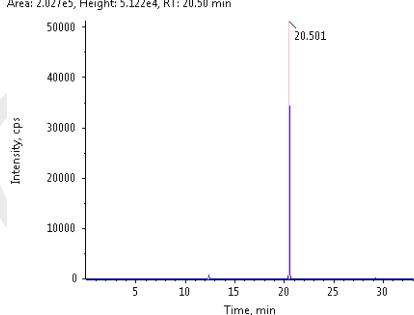
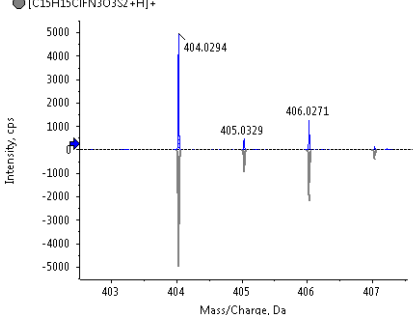
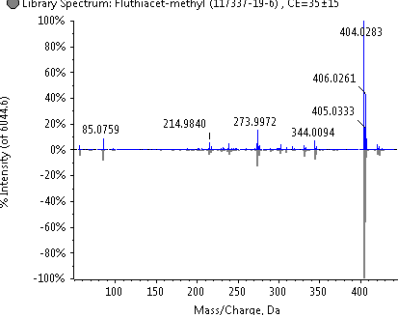
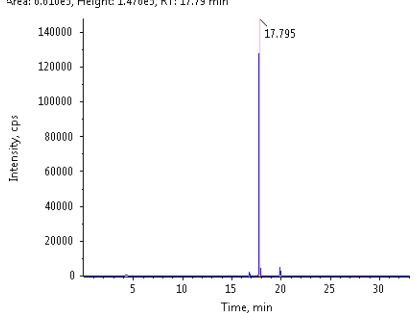
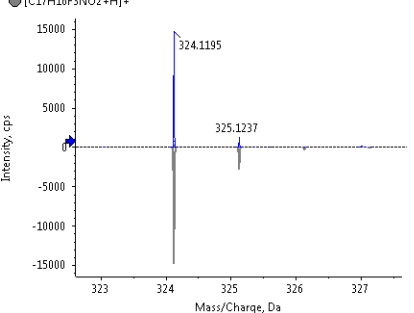
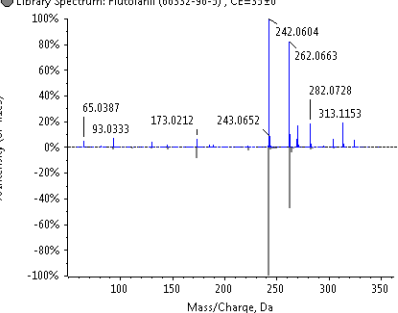
序号	化合物	一级图谱	二级图谱
110	噁唑禾草灵	Std4 - Fenoxaprop-ethyl (Standard) 362...ry-20200604.wiff2), (sample Index: 5) Area: 7.561e5, Height: 1.779e5, RT: 23.25 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1. from 23.258 to 23.290 min ● [C18H16ClNO5+H]<sup>+</sup> </li> <li>Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Fenoxaprop-ethyl (71283-80-2), CE=20±0 </li> </ul>
111	拌种咯	Std4 - Fenpiclonil (Standard) 236.9881...ry-20200604.wiff2), (sample Index: 5) Area: 3.921e4, Height: 6.674e3, RT: 15.68 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1. from 15.663 to 15.696 min ● [C11H6Cl2N2+H]<sup>+</sup> </li> <li>Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Fenpiclonil (74738-17-3), CE=35±15 </li> </ul>
112	苯锈啉	Std4 - Fenpropidin (Standard) 274.2429...ry-20200604.wiff2), (sample Index: 5) Area: 1.389e6, Height: 1.704e5, RT: 14.88 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1. from 14.785 to 14.817 min ● [C19H31N+H]<sup>+</sup> </li> <li>Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Fenpropidin (67306-00-7), CE=35±15 </li> </ul>
113	丁苯吗啉	Std4 - Fenpropimorph (Standard) 304.2...ry-20200604.wiff2), (sample Index: 5) Area: 5.036e4, Height: 7.224e3, RT: 15.98 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1. from 15.972 to 16.005 min ● [C20H33NO+H]<sup>+</sup> </li> <li>Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Fenpropimorph (67306-03-0), CE=35±15 </li> </ul>
114	唑螨酯	Std4 - Fenpyroximate (Standard) 422.19...ry-20200604.wiff2), (sample Index: 5) Area: 6.466e5, Height: 1.980e5, RT: 25.04 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1. from 25.063 to 25.095 min ● [C24H27N3O4+H]<sup>+</sup> </li> <li>Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Fenpyroximate (111812-58-9), CE=20±0 </li> </ul>

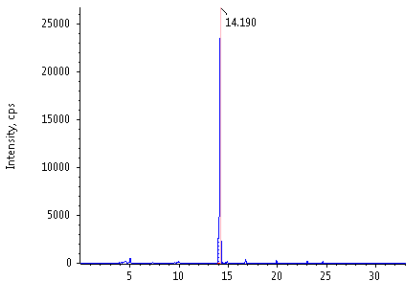
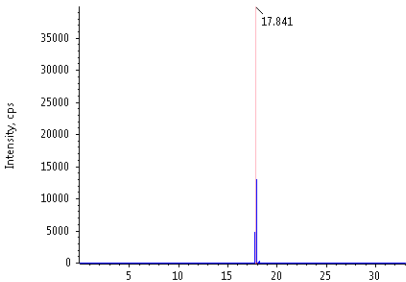
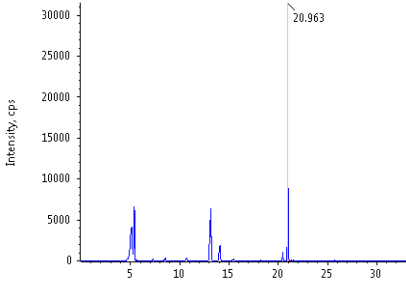
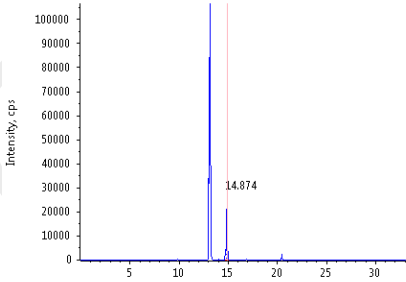
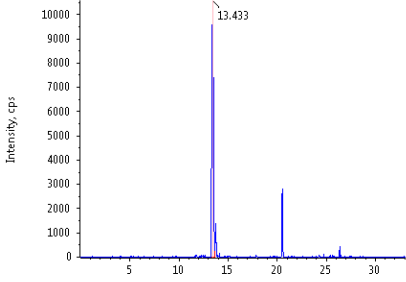
序号	化合物	一级图谱	二级图谱
115	倍硫磷	<p>Std4 - Fenthion (Standard) 279.0173 - ...ry-20200604.wiff2), (sample Index: 5) Area: 2.957e5, Height: 8.623e4, RT: 20.68 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.672 to 20.704 min ● [C10H15O3PS2+H]<sup>+</sup></p>  <p>● Deconvoluted Spectrum from Scre...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Fenthion (55-38-9), CE=20±0</p> 
116	非草隆	<p>Std4 - Fenuron (Standard) 165.0922 - 1...ry-20200604.wiff2), (sample Index: 5) Area: 2.133e5, Height: 2.281e4, RT: 7.30 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.239 to 7.272 min ● [C9H12N2O+H]<sup>+</sup></p>  <p>● Deconvoluted Spectrum from Scre...cursor: 80.0-200.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Fenuron (101-42-0), CE=35±0</p> 
117	麦草氟异丙酯	<p>Std4 - Flamprop-isopropyl (Standard) 3...ry-20200604.wiff2), (sample Index: 5) Area: 7.457e4, Height: 1.799e4, RT: 21.04 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.062 to 21.095 min ● [C19H19ClFNO3+H]<sup>+</sup></p>  <p>● Deconvoluted Spectrum from Scre...cursor: 339.0-370.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Flamprop-M-isopropyl (63782-90-1), CE=35±0</p> 
118	氟啶虫酰胺	<p>Std4 - Flonicamid (Standard) 230.0436 - ...ry-20200604.wiff2), (sample Index: 5) Area: 6.085e4, Height: 8.204e3, RT: 5.66 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.646 to 5.678 min ● [C9H6F3N3O+H]<sup>+</sup></p>  <p>● Deconvoluted Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Flonicamid (158062-67-0), CE=20±0</p> 
119	吡氟禾草酸	<p>Std4 - Fluazifop (Standard) 328.0691 - ...ry-20200604.wiff2), (sample Index: 5) Area: 3.101e4, Height: 4.099e3, RT: 17.02 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.029 to 17.062 min ● [C15H12F3NO4+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Fluazifop (free acid) (83066-88-0), CE=35±15</p> 

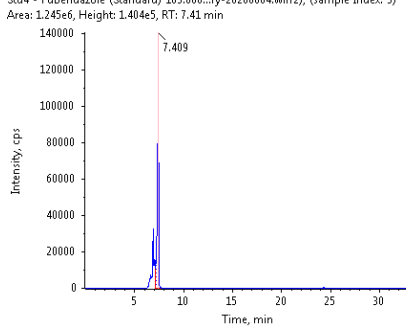
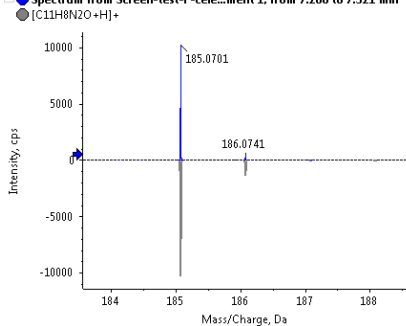
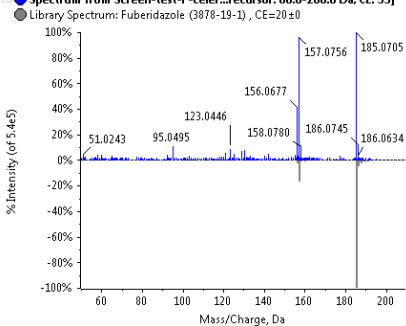
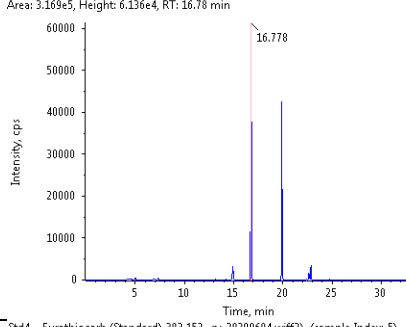
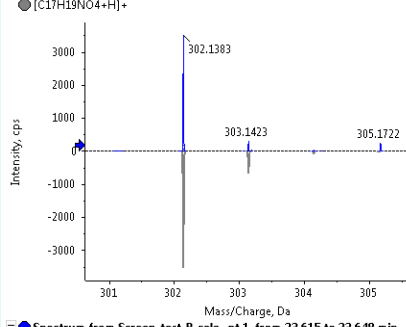
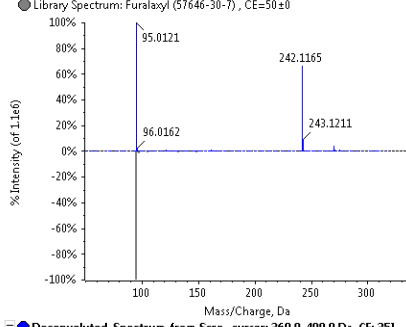
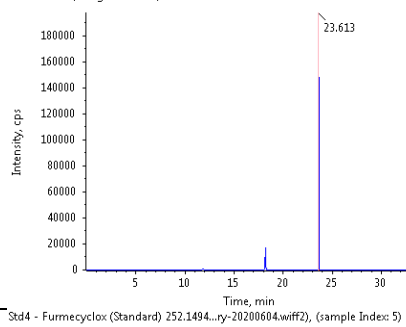
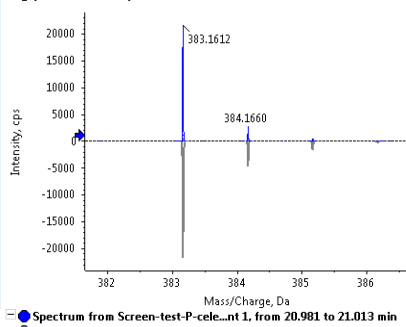
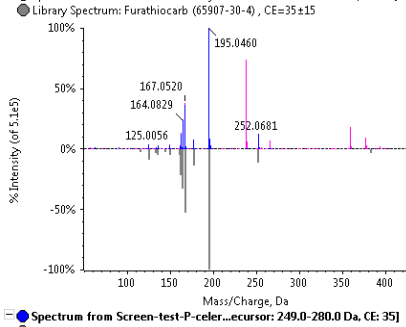
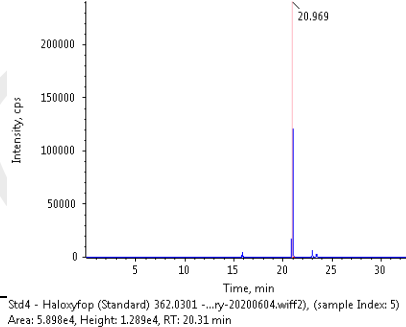
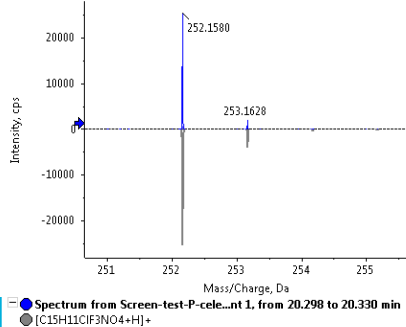
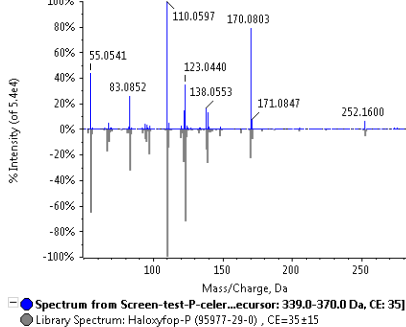
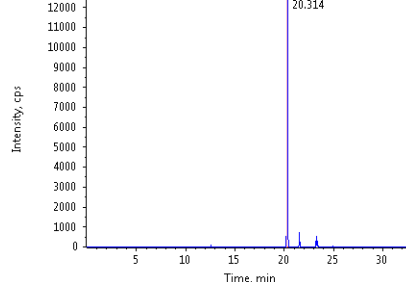
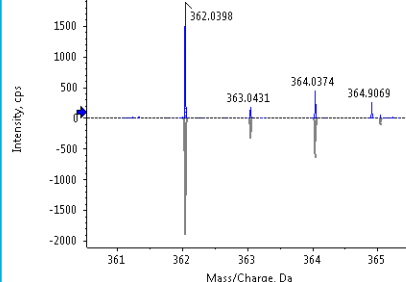
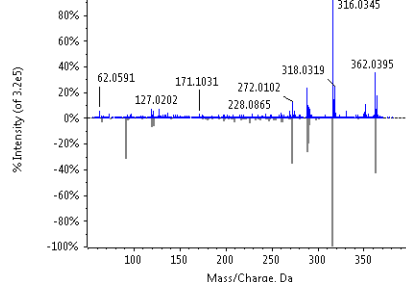


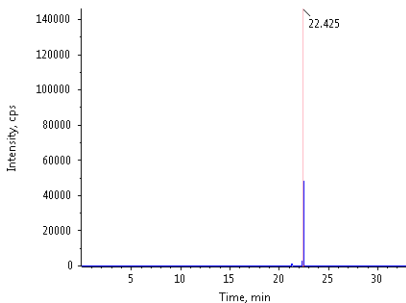
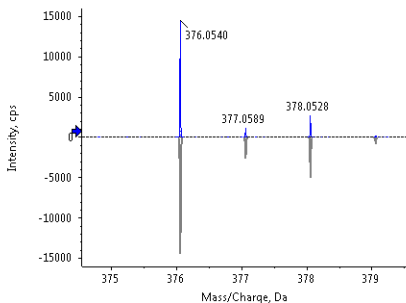
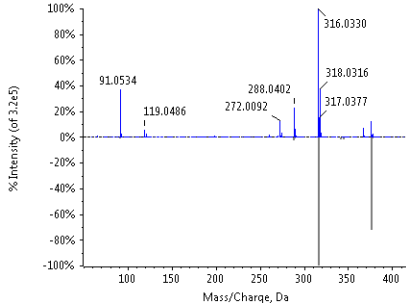
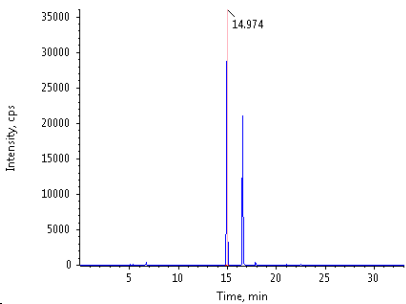
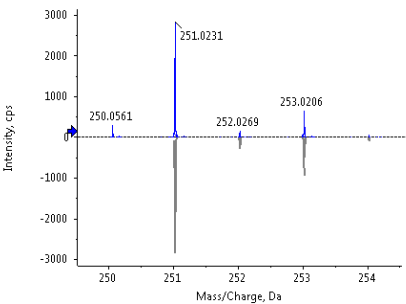
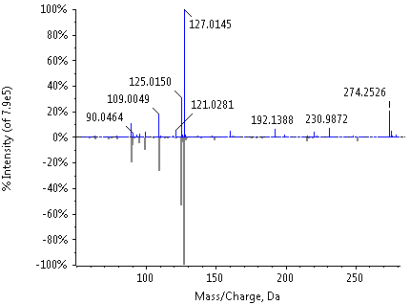
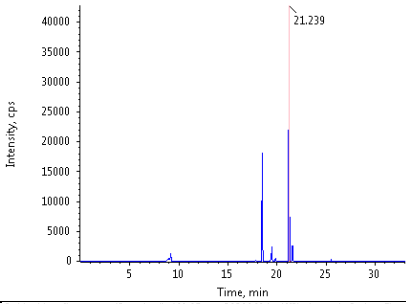
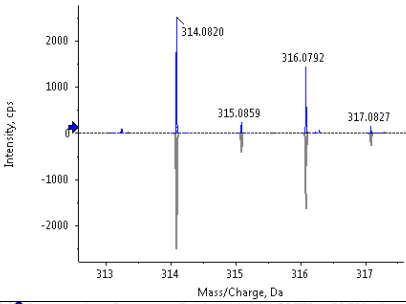
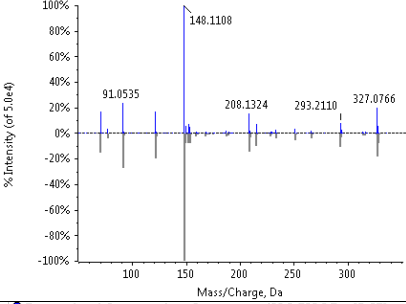
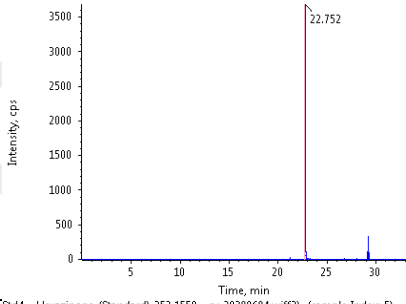
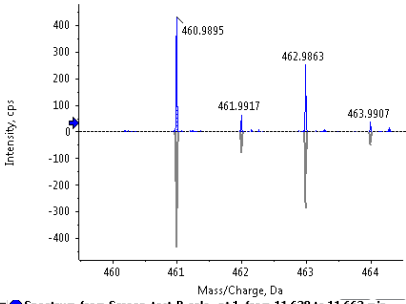
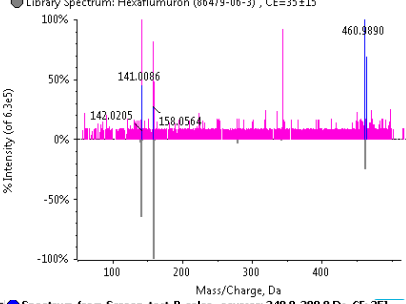
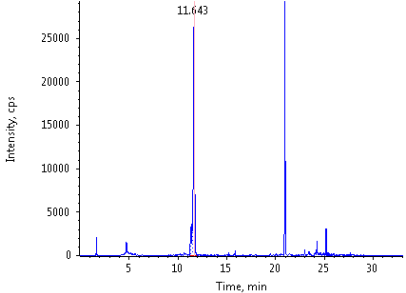
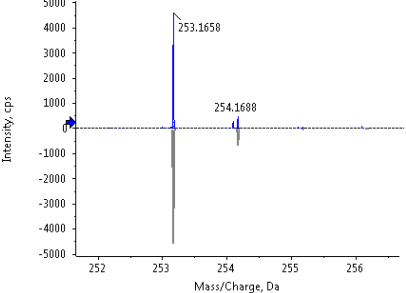
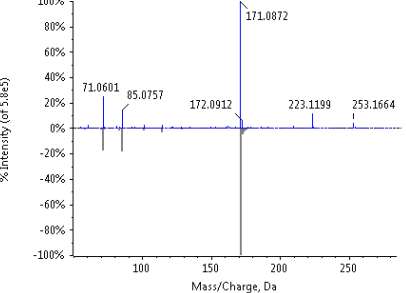
序号	化合物	一级图谱	二级图谱
120	氟噻草胺	<p>Std4 - Flufenacet (Standard) 364.0637...ry-20200604.wiff2), (sample Index: 5) Area: 2.103e4, Height: 4.410e3, RT: 19.16 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.143 to 19.176 min ● [C14H13F4N3O2S+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Flufenacet (142459-58-3), CE=35±15</p> 
121	氟虫脲	<p>Std4 - Flufenoxuron (Standard) 489.033...ry-20200604.wiff2), (sample Index: 5) Area: 6.189e4, Height: 1.960e4, RT: 24.55 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.542 to 24.575 min ● [C21H11ClF6N2O3+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 439.0-500.0 Da, CE: 35] ● Library Spectrum: Flufenoxuron (101463-69-8), CE=35±10</p> 
122	氟吗啉	<p>Std4 - Flumorph (Standard) 372.1506...ry-20200604.wiff2), (sample Index: 5) Area: 4.539e5, Height: 8.485e4, RT: 15.42 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.435 to 15.468 min ● [C21H22FN4O4+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Flumorph (211867-47-9), CE=35±10</p> 
123	氟草隆	<p>Std4 - Fluometuron (Standard) 233.079...ry-20200604.wiff2), (sample Index: 5) Area: 7.537e5, Height: 1.788e5, RT: 13.27 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 13.240 to 13.273 min ● [C10H11F3N2O+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Fluometuron (2164-17-2), CE=20±10</p> 
124	氟吡菌胺	<p>Std4 - Flupicolide (Standard) 382.962...ry-20200604.wiff2), (sample Index: 5) Area: 1.805e5, Height: 3.595e4, RT: 17.89 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.826 to 17.858 min ● [C14H8Cl3F3N2O+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Flupicolide (239110-15-7), CE=35±15</p> 

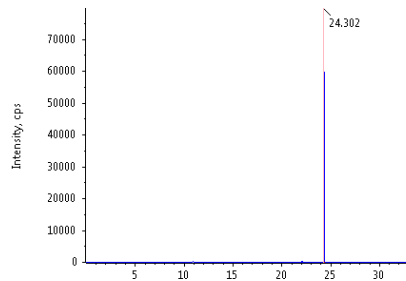
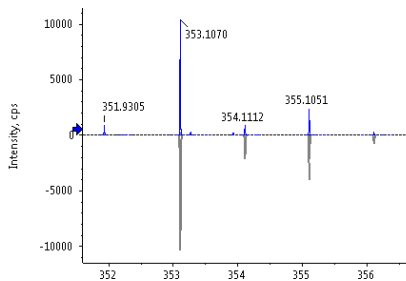
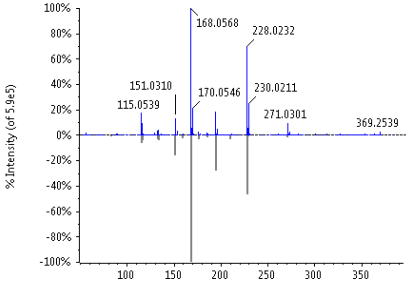
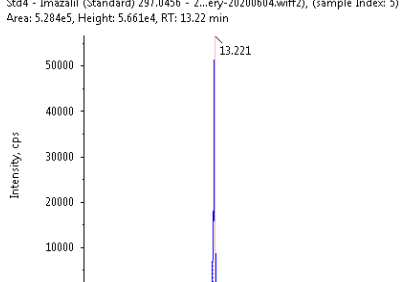
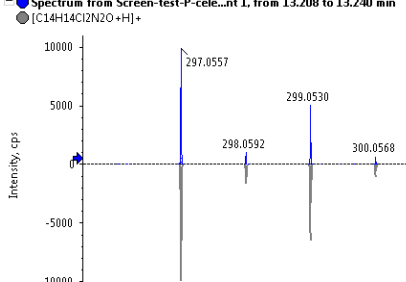
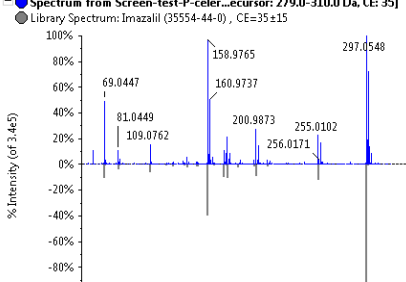
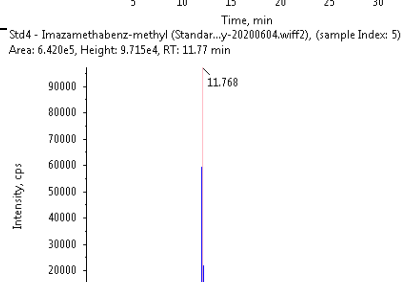
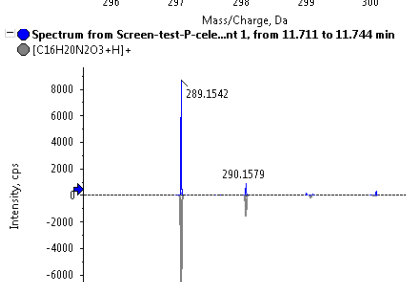
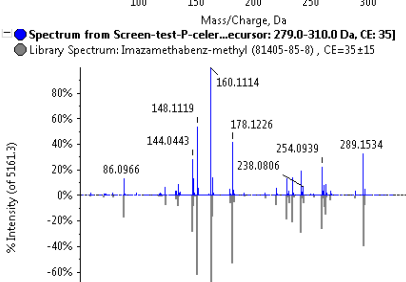
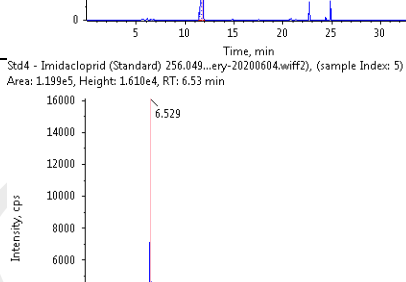
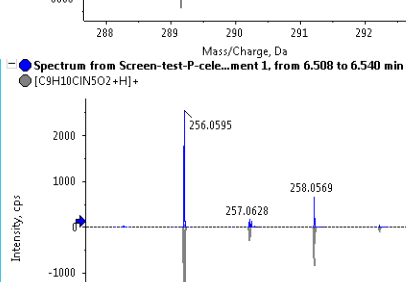
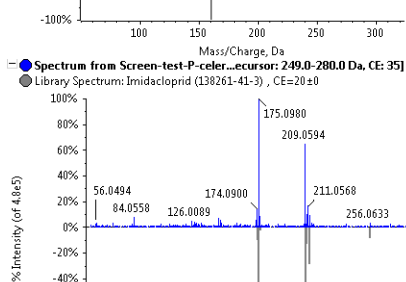
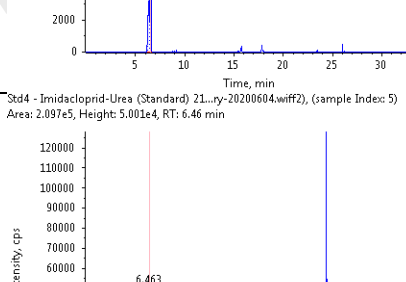
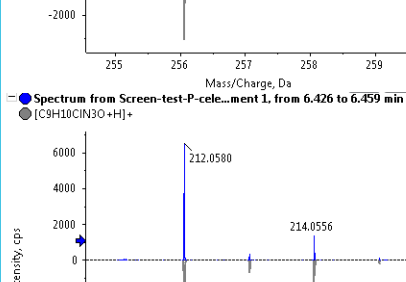
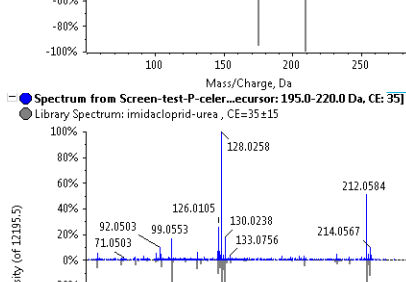
序号	化合物	一级图谱	二级图谱
125	氟吡菌酰胺	Std4 - Fluopyram (Standard) 397.0437 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.465e4, Height: 7.276e3, RT: 18.78 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 18.769 to 18.802 min</li> <li>● [C16H11ClF6N2O+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35]</li> <li>● Library Spectrum: Fluopyram (658066-35-4), CE=20±0</li> </ul>  
126	乙羧氟草醚	Std4 - Fluoroglycofen-ethyl (Standard)...ry-20200604.wiff2), (sample Index: 5) Area: 2.184e3, Height: 6.292e2, RT: 22.79 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 22.786 to 22.818 min</li> <li>● [C18H13ClF3NO7+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 439.0-500.0 Da, CE: 35]</li> <li>● Library Spectrum: Fluoroglycofen-ethyl, CE=35±15</li> </ul>  
127	氟啉菌酯	Std4 - Fluoxastrobin (Standard) 459.07...ry-20200604.wiff2), (sample Index: 5) Area: 1.025e5, Height: 2.288e4, RT: 18.93 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 18.916 to 18.948 min</li> <li>● [C21H16ClFN4O5+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 439.0-500.0 Da, CE: 35]</li> <li>● Library Spectrum: Fluoxastrobin (361377-29-9), CE=20±0</li> </ul>  
128	氟唑啉	Std4 - Fluquinconazole (Standard) 376...ry-20200604.wiff2), (sample Index: 5) Area: 7.425e3, Height: 1.242e3, RT: 18.82 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 18.802 to 18.834 min</li> <li>● [C16H8Cl2FN5O+H]<sup>+</sup></li> <li>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35]</li> <li>● Library Spectrum: Fluquinconazole (136426-54-5), CE=35±0</li> </ul>  
129	氯氟吡氧乙酸	Std4 - Fluroxpyr (Standard) 254.9634 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.344e5, Height: 6.706e4, RT: 24.48 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 24.493 to 24.526 min</li> <li>● [C7H5Cl2FN2O3+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35]</li> <li>● Library Spectrum: Fluroxpyr (69377-81-7), CE=35±15</li> </ul>  

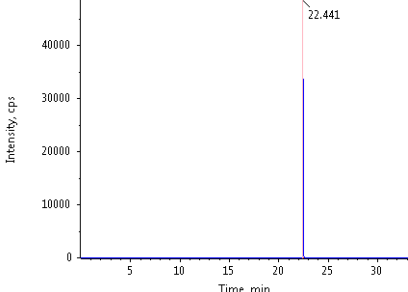
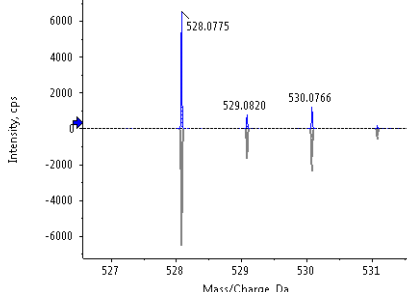
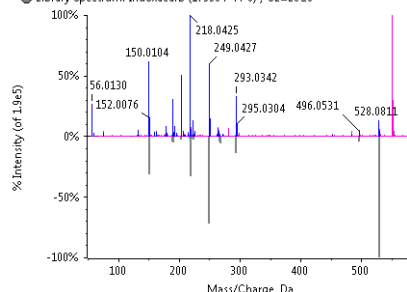
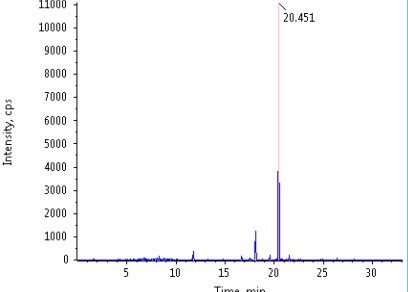
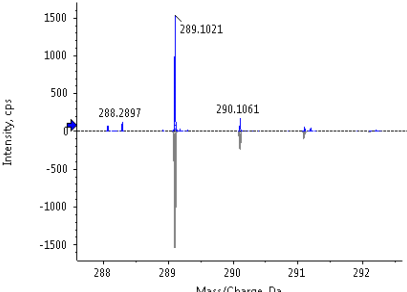
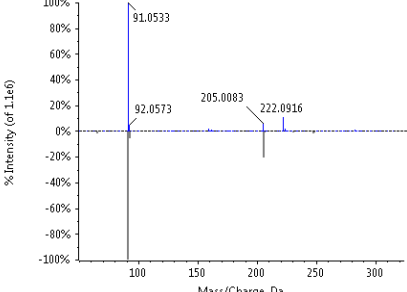
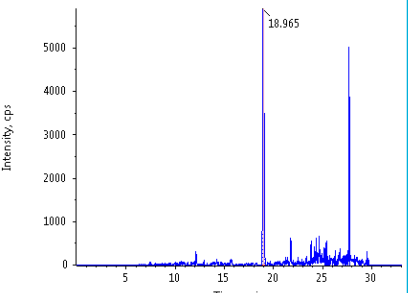
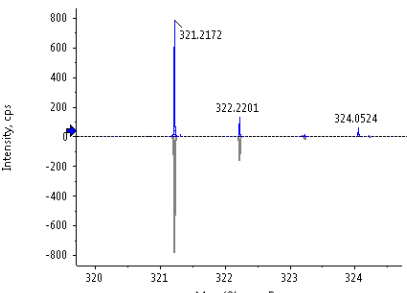
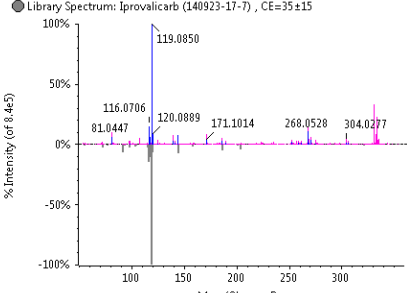
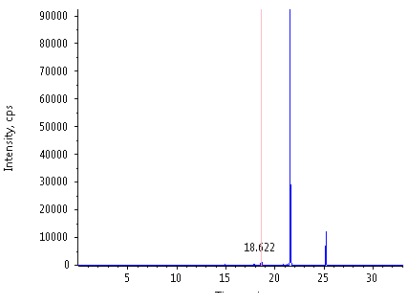
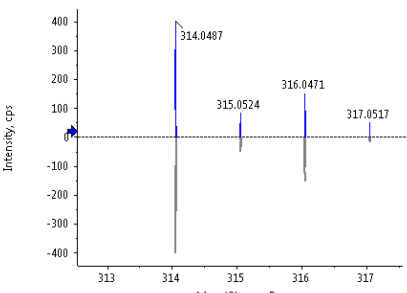
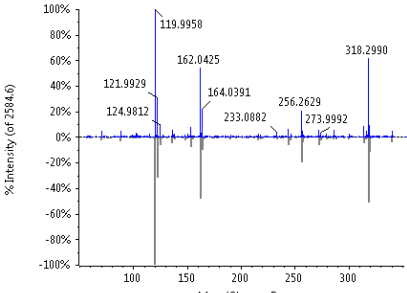
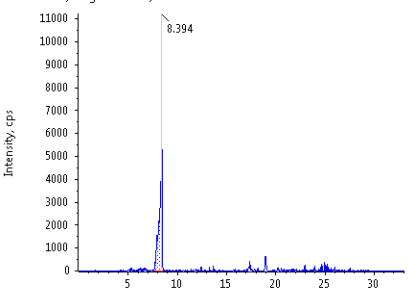
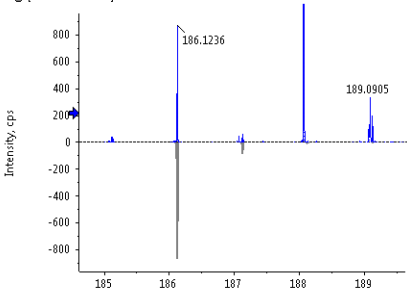
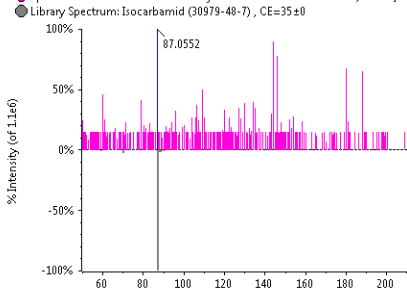
序号	化合物	一级图谱	二级图谱
130	咪唑醇	Std4 - Flurprimidol (Standard) 313.105...ery-20200604.wiff2), (sample Index: 5) Area: 2.120e5, Height: 4.528e4, RT: 17.82 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.761 to 17.793 min ● [C15H15F3N2O2+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Flurprimidole (56425-91-3), CE=20±0</p> 
131	咪草酮	Std4 - Flurtamone (Standard) 334.0949...ery-20200604.wiff2), (sample Index: 5) Area: 1.137e6, Height: 2.000e5, RT: 16.84 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.883 to 16.915 min ● [C18H14F3NO2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Flurtamone (96525-23-4), CE=35±15</p> 
132	氟硅唑	Std4 - Flusilazole (Standard) 316.0976...ery-20200604.wiff2), (sample Index: 5) Area: 2.484e5, Height: 4.636e4, RT: 19.88 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.826 to 19.859 min ● [C16H15F2N3Si+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Flusilazole (85509-19-9), CE=35±15</p> 
133	噻草酸甲酯	Std4 - Fluthiacet-methyl (Standard) 40...ery-20200604.wiff2), (sample Index: 5) Area: 2.027e5, Height: 5.122e4, RT: 20.50 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.509 to 20.542 min ● [C15H15ClFN3O3S2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Fluthiacet-methyl (117337-19-6), CE=35±15</p> 
134	氟酰胺	Std4 - Flutolanil (Standard) 324.1106...ery-20200604.wiff2), (sample Index: 5) Area: 6.610e5, Height: 1.476e5, RT: 17.79 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.745 to 17.777 min ● [C17H16F3NO2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Flutolanil (66332-96-5), CE=35±0</p> 

序号	化合物	一级图谱	二级图谱
135	粉唑醇	Std4 - Flutriafol (Standard) 302.0999...ry-20200604.wiff2), (sample Index: 5) Area: 1.854e5, Height: 2.669e4, RT: 14.19 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1, from 14.167 to 14.200 min</li> <li>Library Spectrum: Flutriafol (76674-21-0), CE=20±0</li> <li>Mass spectrum showing major peaks at m/z 302.1100 and 303.1132.</li> <li>Deconvoluted spectrum showing peaks at m/z 70.0397, 123.0248, 137.0410, 233.0782, and 302.1125.</li> </ul>
136	氟唑菌酰胺	Std4 - Fluxapyroxad (Standard) 382.087...ry-20200604.wiff2), (sample Index: 5) Area: 1.056e5, Height: 3.988e4, RT: 17.84 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1, from 17.858 to 17.891 min</li> <li>Library Spectrum: Fluxapyroxad, CE=35±15</li> <li>Mass spectrum showing major peaks at m/z 382.0970, 383.1006, and 383.9760.</li> <li>Deconvoluted spectrum showing peaks at m/z 129.0457, 159.0366, 172.9550, 174.9523, 234.0524, 271.0605, 314.0899, 342.0840, 362.0905, and 363.0933.</li> </ul>
137	地虫硫磷	Std4 - Fonofos (Standard) 247.0275 - 2...ry-20200604.wiff2), (sample Index: 5) Area: 1.056e5, Height: 3.149e4, RT: 20.96 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1, from 20.948 to 20.981 min</li> <li>Library Spectrum: Fonofos (944-22-9), CE=35±10</li> <li>Mass spectrum showing major peaks at m/z 247.0373, 248.0413, and 249.1849.</li> <li>Deconvoluted spectrum showing peaks at m/z 80.9558, 108.9869, 137.0182, 170.0816, 200.9958, and 252.1603.</li> </ul>
138	氯吡啶	Std4 - Forchlorfenuron (Standard) 248.0438...ry-20200604.wiff2), (sample Index: 5) Area: 1.624e5, Height: 2.316e4, RT: 14.87 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1, from 14.850 to 14.883 min</li> <li>Library Spectrum: Forchlorfenuron (68157-60-8), CE=35±15</li> <li>Mass spectrum showing major peaks at m/z 248.0584, 248.1287, 249.0612, 250.0557, and 251.0226.</li> <li>Deconvoluted spectrum showing peaks at m/z 66.0368, 93.0447, 129.0213, 131.0188, 161.0969, and 248.0609.</li> </ul>
139	噻唑磷	Std4 - Fosthiazate (Standard) 284.0438...ry-20200604.wiff2), (sample Index: 5) Area: 1.195e5, Height: 1.057e4, RT: 13.43 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1, from 13.419 to 13.451 min</li> <li>Library Spectrum: Fosthiazate (98886-44-3), CE=35±15</li> <li>Mass spectrum showing major peaks at m/z 284.0541, 285.0584, and 286.0495.</li> <li>Deconvoluted spectrum showing peaks at m/z 104.0158, 106.0121, 199.9608, and 227.9919.</li> </ul>

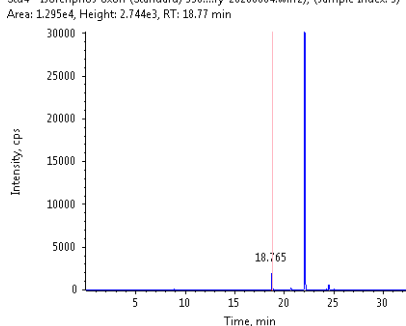
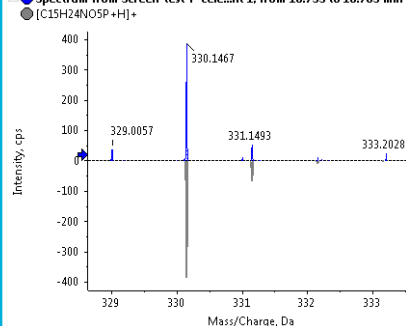
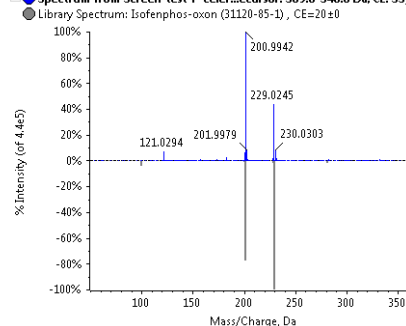
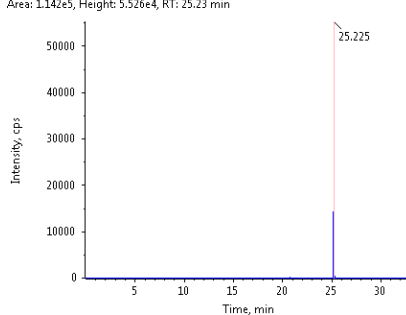
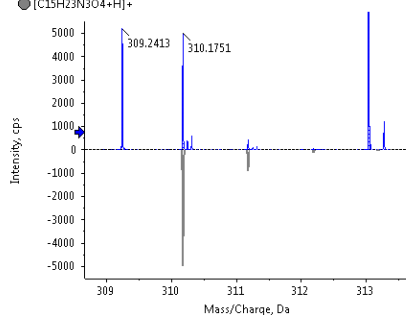
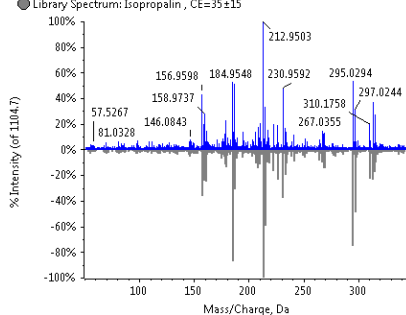
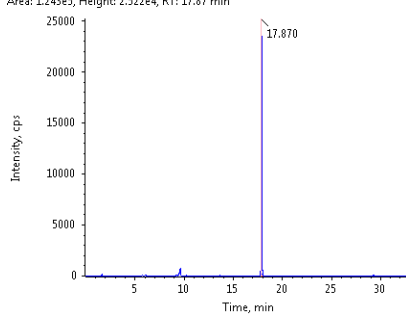
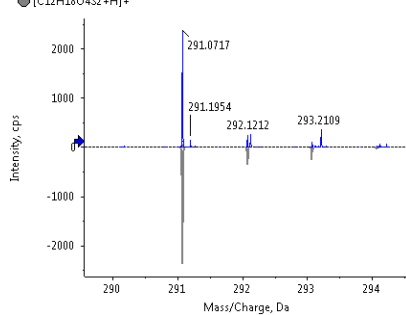
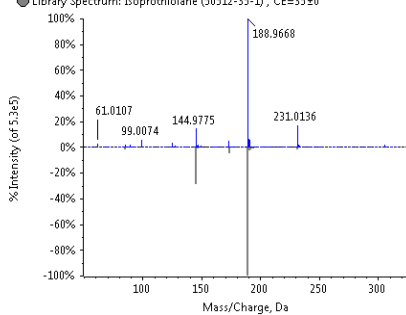
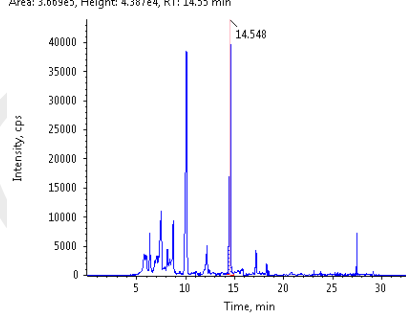
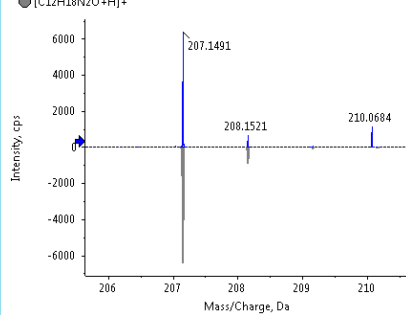
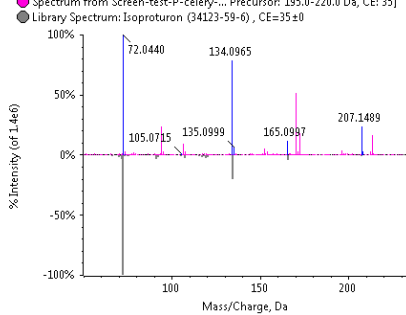
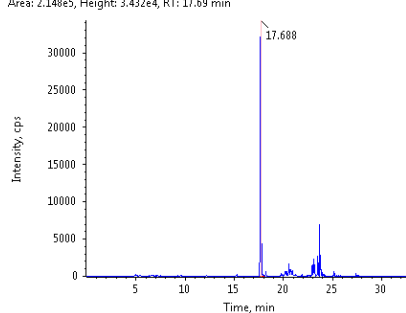
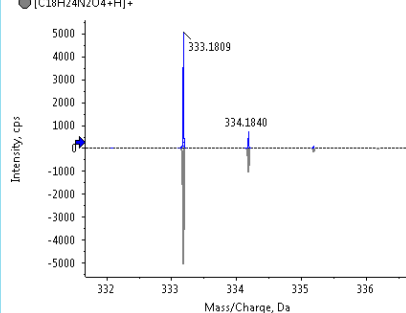
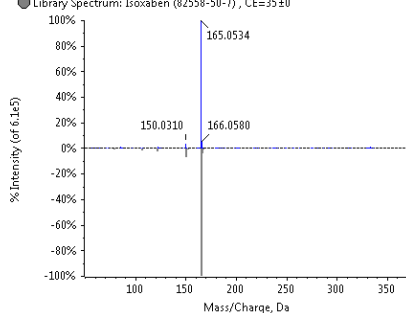
序号	化合物	一级图谱	二级图谱
140	麦穗宁	Std4 - Fuberidazole (Standard) 185.060...ry-20200604.wiff2), (sample Index: 5) Area: 1.245e6, Height: 1.404e5, RT: 7.41 min 	<div> <p>● Spectrum from Screen-test-P-celer...ment 1, from 7.288 to 7.321 min ● [C11H8N2O+H]<sup>+</sup></p>  </div> <div> <p>● Spectrum from Screen-test-P-celer...recursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Fuberidazole (3878-19-1), CE=20±0</p>  </div>
141	呋霜灵	Std4 - Furalaxyl (Standard) 302.1287...ry-20200604.wiff2), (sample Index: 5) Area: 3.169e5, Height: 6.136e4, RT: 16.78 min 	<div> <p>● Spectrum from Screen-test-P-celer...nt 1, from 16.818 to 16.850 min ● [C17H19NO4+H]<sup>+</sup></p>  </div> <div> <p>● Spectrum from Screen-test-P-celer...recursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Furalaxyl (5746-30-7), CE=50±0</p>  </div>
142	呋线威	Std4 - Furathiocarb (Standard) 383.153...ry-20200604.wiff2), (sample Index: 5) Area: 5.770e5, Height: 1.975e5, RT: 23.61 min 	<div> <p>● Spectrum from Screen-test-P-celer...nt 1, from 23.615 to 23.648 min ● [C18H26N2O5S+H]<sup>+</sup></p>  </div> <div> <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...Precursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Furathiocarb (65907-30-4), CE=35±15</p>  </div>
143	拌种胺	Std4 - Fumcyclohex (Standard) 252.1494...ry-20200604.wiff2), (sample Index: 5) Area: 1.081e6, Height: 2.405e5, RT: 20.97 min 	<div> <p>● Spectrum from Screen-test-P-celer...nt 1, from 20.981 to 21.013 min ● [C14H22NO3+H]<sup>+</sup></p>  </div> <div> <p>● Spectrum from Screen-test-P-celer...recursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Fumcyclohex, CE=35±15</p>  </div>
144	氟吡禾灵	Std4 - Haloxypop (Standard) 362.0301...ry-20200604.wiff2), (sample Index: 5) Area: 5.898e4, Height: 1.289e4, RT: 20.31 min 	<div> <p>● Spectrum from Screen-test-P-celer...nt 1, from 20.298 to 20.330 min ● [C15H11ClF3NO4+H]<sup>+</sup></p>  </div> <div> <p>● Spectrum from Screen-test-P-celer...recursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Haloxypop-P (95877-29-0), CE=35±15</p>  </div>

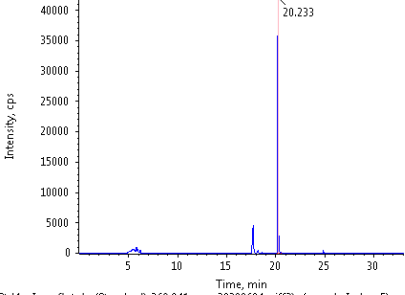
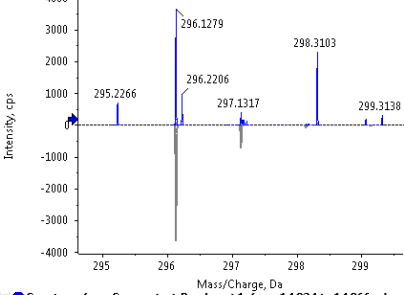
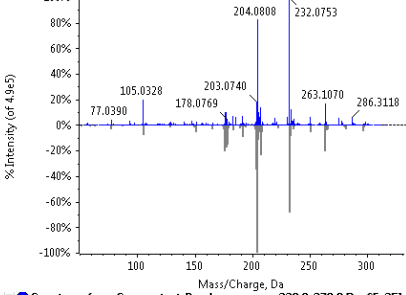
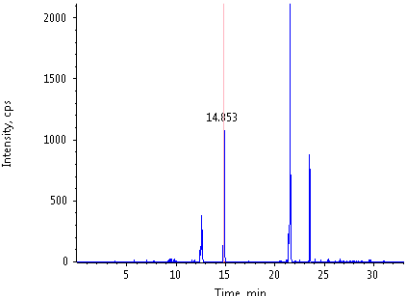
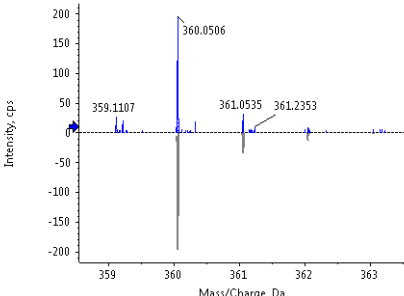
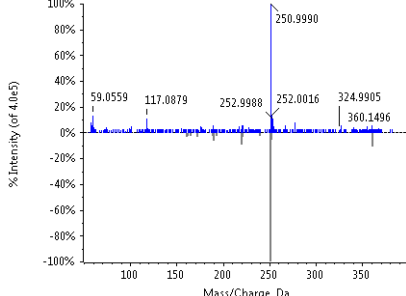
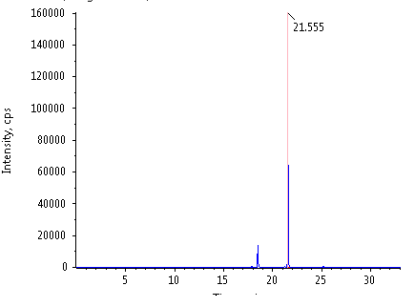
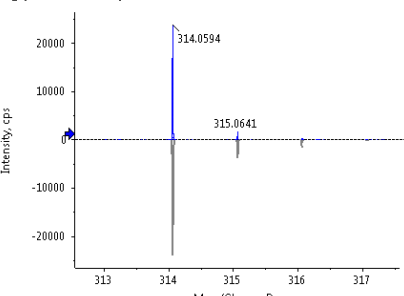
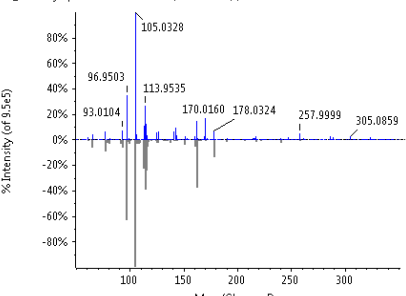
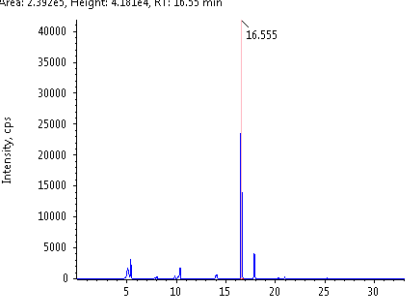
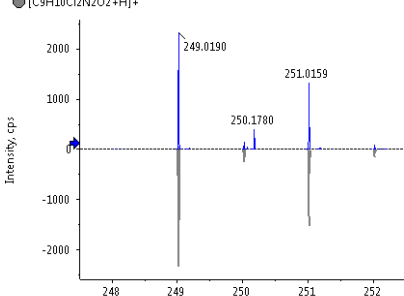
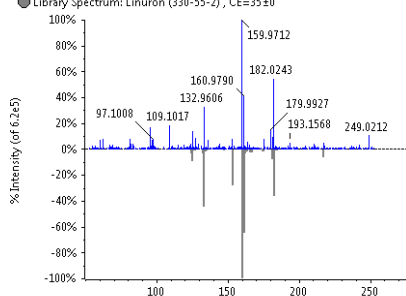
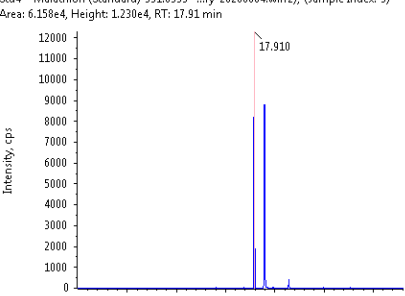
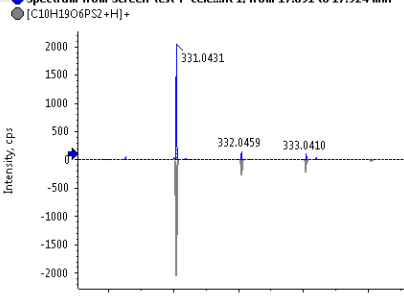
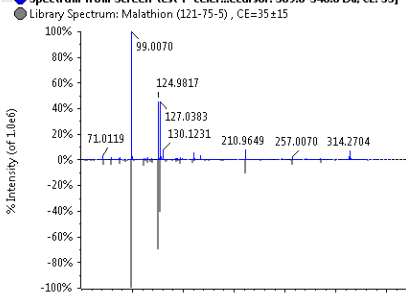
序号	化合物	一级图谱	二级图谱
145	氟吡甲禾灵	Std4 - Haloxyp-methyl (Standard) 376...ry-20200604.wiff2), (sample Index: 5) Area: 5.312e5, Height: 1.460e5, RT: 22.42 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.379 to 22.412 min ● [C16H13ClF3NO4+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Haloxyp-P-methyl (72619-32-0), CE=20±0</p> 
146	庚烯磷	Std4 - Heptenophos (Standard) 251.013...ry-20200604.wiff2), (sample Index: 5) Area: 2.054e5, Height: 3.603e4, RT: 14.97 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.915 to 14.948 min ● [C9H12ClO4P+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Heptenophos (23560-59-0), CE=35±15</p> 
147	己唑醇	Std4 - Hexaconazole (Standard) 314.07...ry-20200604.wiff2), (sample Index: 5) Area: 1.719e5, Height: 4.274e4, RT: 21.24 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.176 to 21.208 min ● [C14H17Cl2N3O+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Hexaconazole (79983-71-4), CE=35±15</p> 
148	氟铃脲	Std4 - Hexaflumuron (Standard) 460.97...ry-20200604.wiff2), (sample Index: 5) Area: 1.369e4, Height: 3.680e3, RT: 22.75 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.753 to 22.786 min ● [C16H8Cl2F6N2O3+H]<sup>+</sup></p>  <p>● Deconvoluted Spectrum from Scre...cursor: 439.0-500.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 439.0-500.0 Da, CE: 35] ● Library Spectrum: Hexaflumuron (86479-06-3), CE=35±15</p> 
149	环嗪酮	Std4 - Hexazinone (Standard) 253.1559...ry-20200604.wiff2), (sample Index: 5) Area: 2.916e5, Height: 2.723e4, RT: 11.64 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.630 to 11.663 min ● [C12H20N4O2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Hexazinone (51235-04-2), CE=35±0</p> 

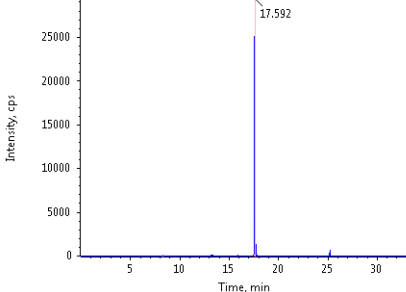
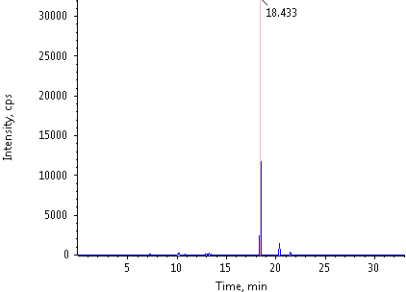
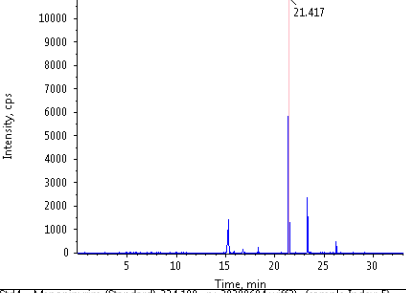
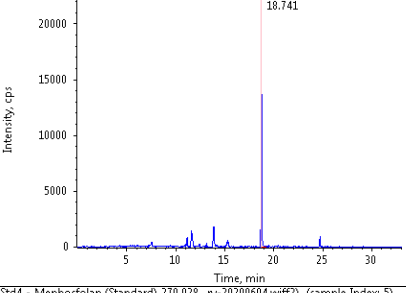
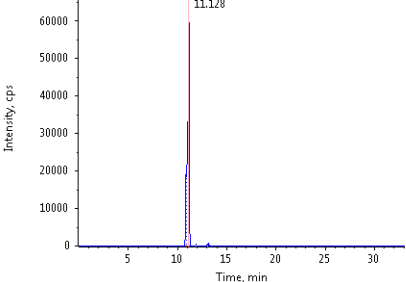
序号	化合物	一级图谱	二级图谱
150	噻螨酮	Std4 - Hedythiazox (Standard) 353.0985...ry-20200604.wiff2), (sample Index: 5) Area: 2.107e5, Height: 7.975e4, RT: 24.30 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.282 to 24.315 min ● [C17H21ClN2O2S+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Hedythiazox (78587-05-0), CE=35±0</p> 
151	抑霉唑	Std4 - Imazalil (Standard) 297.0456 - 2...ry-20200604.wiff2), (sample Index: 5) Area: 5.284e5, Height: 5.661e4, RT: 13.22 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 13.208 to 13.240 min ● [C14H14Cl2N2O+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Imazalil (35554-44-0), CE=35±15</p> 
152	咪草酸	Std4 - Imazamethabenz-methyl (Standar...y-20200604.wiff2), (sample Index: 5) Area: 6.420e5, Height: 9.715e4, RT: 11.77 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.711 to 11.744 min ● [C16H20N2O3+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Imazamethabenz-methyl (81405-85-8), CE=35±15</p> 
153	吡虫啉	Std4 - Imidacloprid (Standard) 256.049...ry-20200604.wiff2), (sample Index: 5) Area: 1.199e5, Height: 1.610e4, RT: 6.53 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 6.508 to 6.540 min ● [C9H10ClN5O2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Imidacloprid (138261-41-3), CE=20±0</p> 
154	吡虫啉脒	Std4 - Imidacloprid-Urea (Standard) 21...ry-20200604.wiff2), (sample Index: 5) Area: 2.097e5, Height: 5.001e4, RT: 6.46 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 6.426 to 6.459 min ● [C9H10ClN3O+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: imidacloprid-urea, CE=35±15</p> 

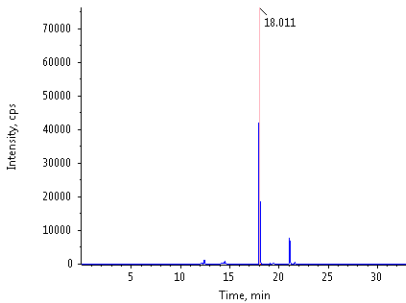
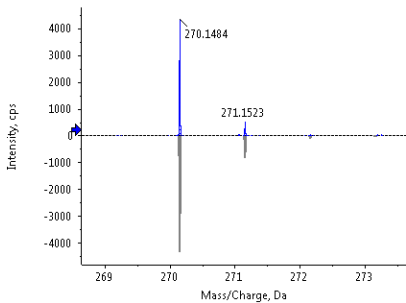
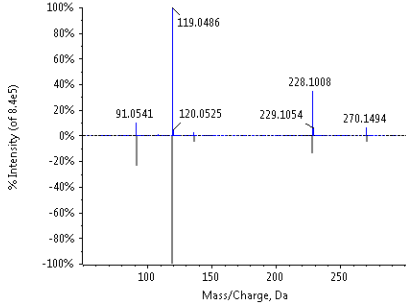
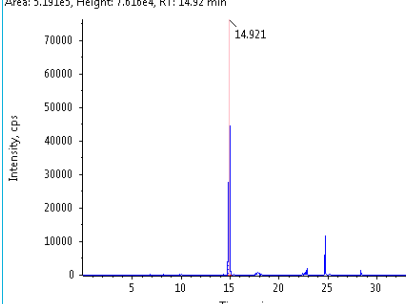
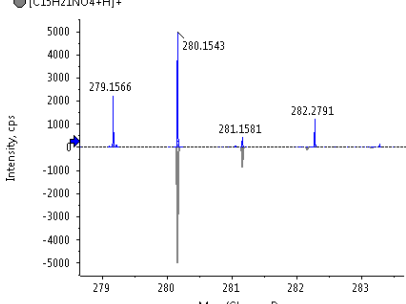
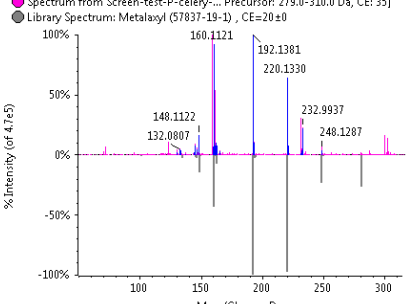
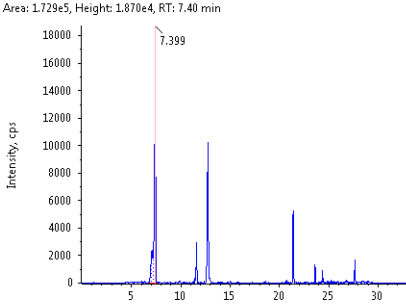
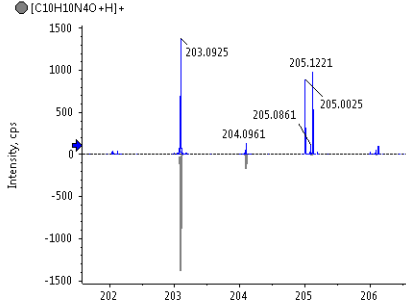
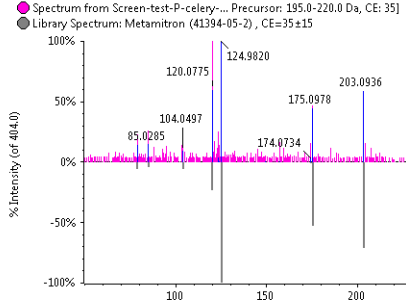
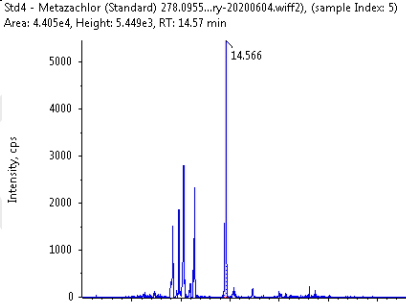
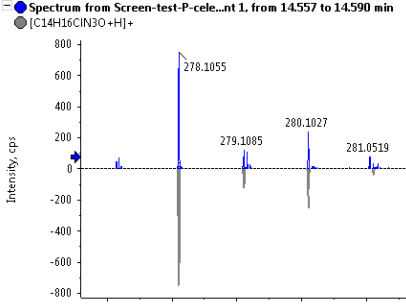
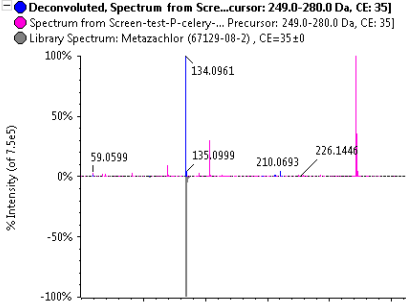
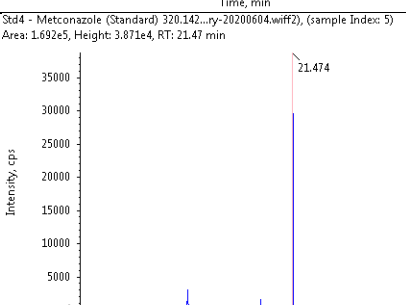
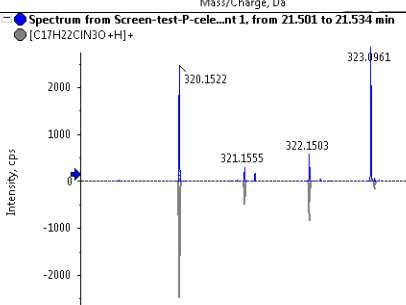
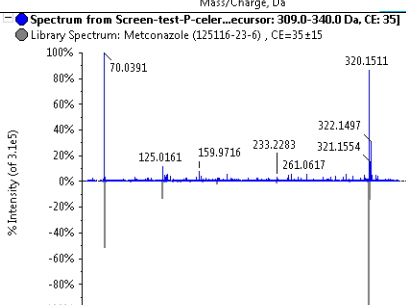
序号	化合物	一级图谱	二级图谱	
155	茚虫威	<p>Std4 - Indoxacarb (Standard) 528.0680 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.471e5, Height: 4.860e4, RT: 22.44 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 22.428 to 22.461 min ● [C22H17ClF3N3O7+H]<sup>+</sup></p> 	<p>● Deconvoluted, Spectrum from Scre...ursor: 499.0-900.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 499.0-900.0 Da, CE: 35] ● Library Spectrum: Indoxacarb (173584-44-6), CE=20±0</p> 
156	异稻瘟净	<p>Std4 - Iprobenfos (Standard) 289.0922 ...ry-20200604.wiff2), (sample Index: 5) Area: 5.009e4, Height: 1.107e4, RT: 20.45 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 20.428 to 20.460 min ● [C13H21O3PS+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celery...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Iprobenfos (26087-47-8), CE=35±15</p> 
157	缬霉威	<p>Std4 - Iprovalicarb (Standard) 321.207...ery-20200604.wiff2), (sample Index: 5) Area: 5.589e4, Height: 5.903e3, RT: 18.96 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 18.948 to 18.981 min ● [C18H28N2O3+H]<sup>+</sup></p> 	<p>● Deconvoluted, Spectrum from Scre...ursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Iprovalicarb (140923-17-7), CE=35±15</p> 
158	氯唑磷	<p>Std4 - Isazofos (Standard) 314.0390 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.671e4, Height: 3.162e3, RT: 18.62 min</p> 	<p>● Spectrum from Screen-test-P-cel...nt 1, from 18.607 to 18.639 min ● [C9H17ClN3O3PS+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celery...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Isazofos (42509-80-8), CE=35±15</p> 
159	丁咪酰胺	<p>Std4 - Isocarbamid (Standard) 186.1137...ry-20200604.wiff2), (sample Index: 5) Area: 1.234e5, Height: 1.121e4, RT: 8.39 min</p> 	<p>● Spectrum from Screen-test-P-cel...ment 1, from 8.426 to 8.459 min ● [C8H15N3O2+H]<sup>+</sup></p> 	<p>● Deconvoluted, Spectrum from Scre...recursor: 80.0-200.0 Da, CE: 35] ● Spectrum from Screen-test-P-celery...n Precursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Isocarbamid (30979-48-7), CE=35±0</p> 

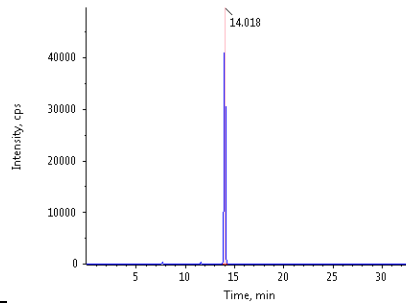
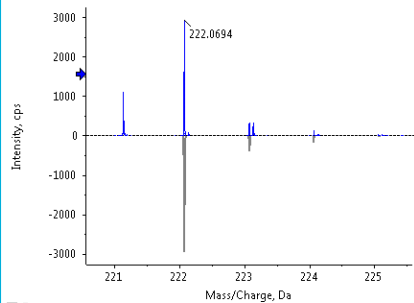
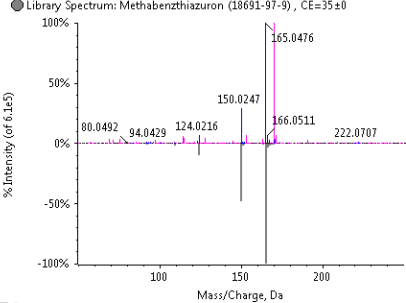
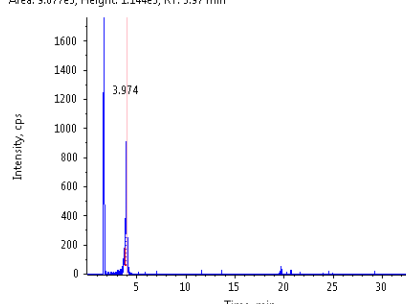
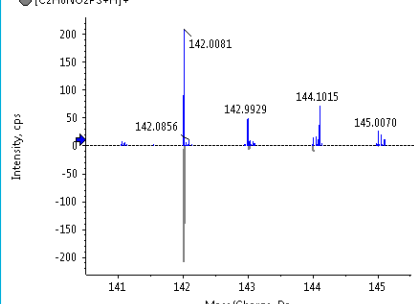
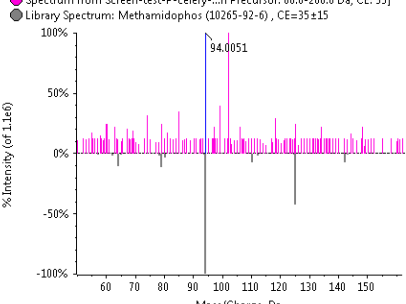
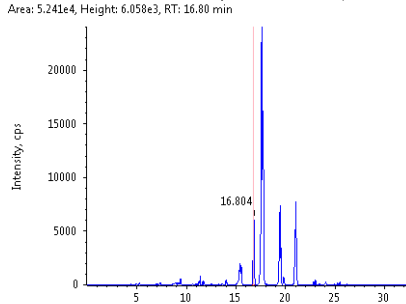
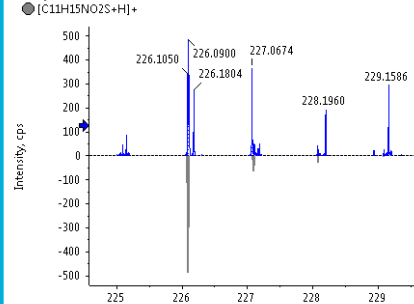
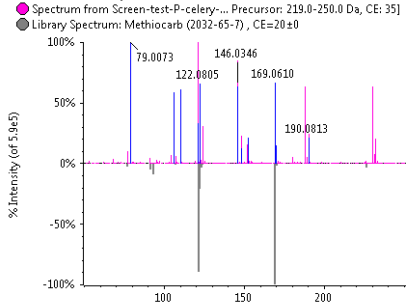
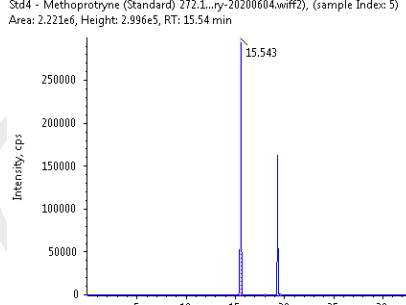
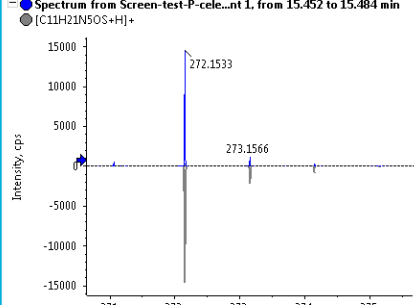
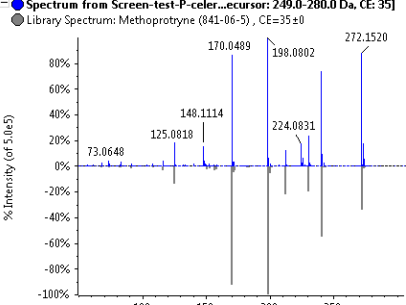
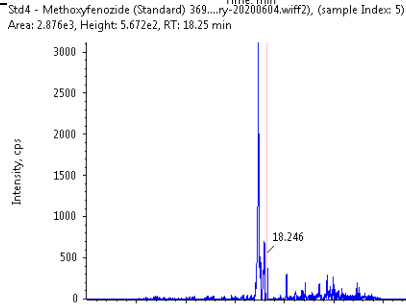
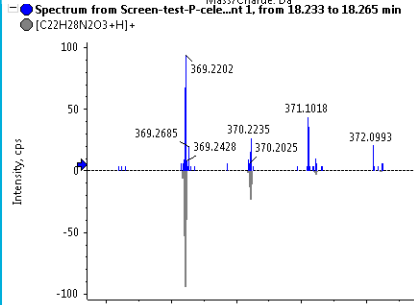
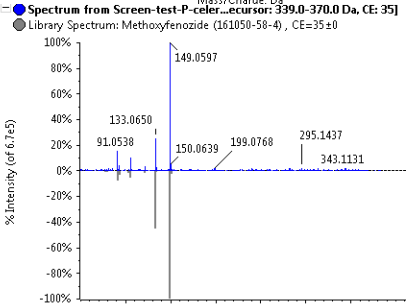


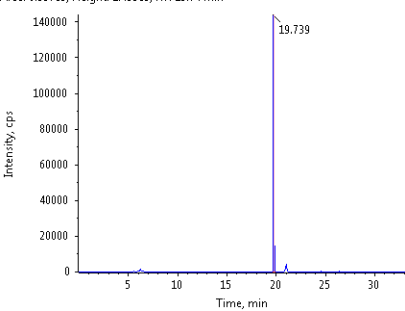
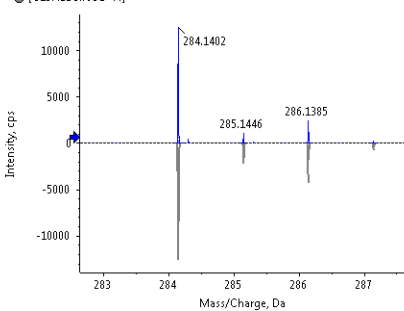
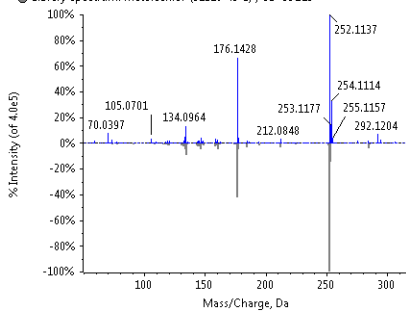
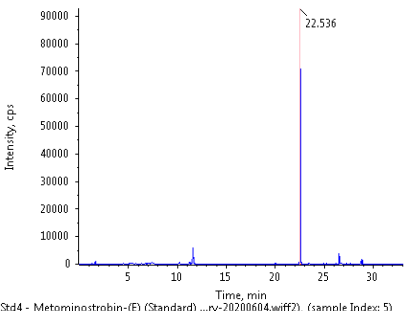
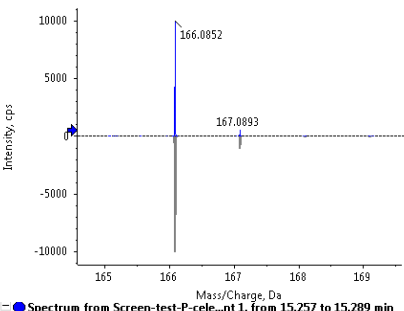
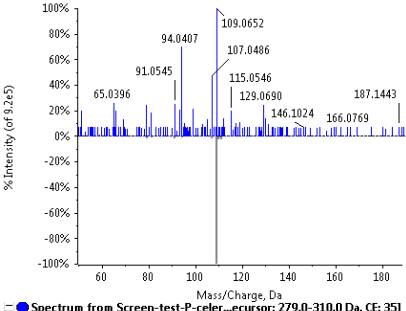
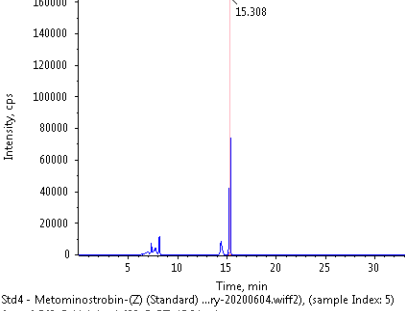
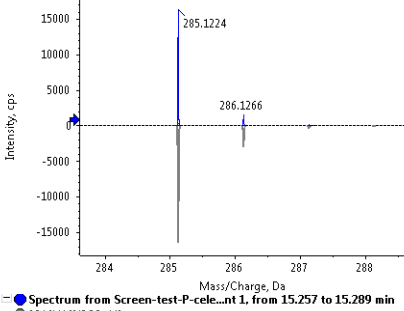
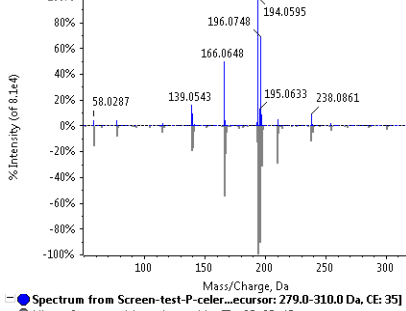
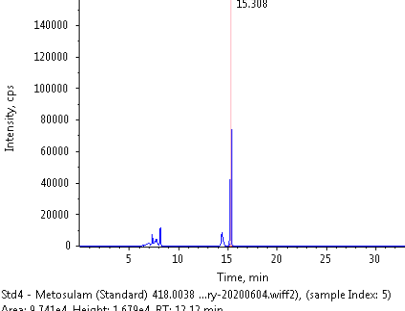
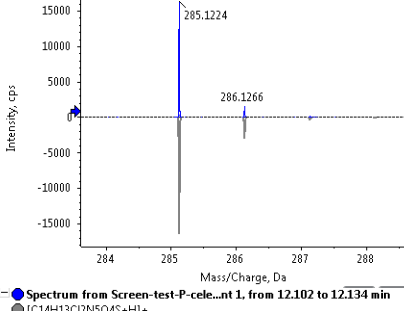
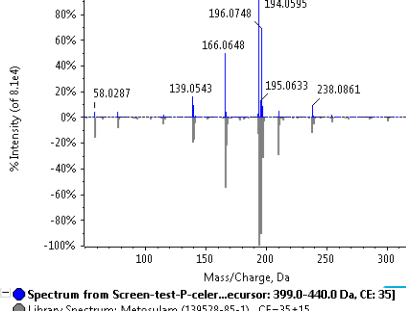
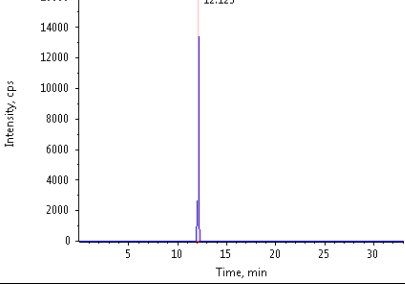
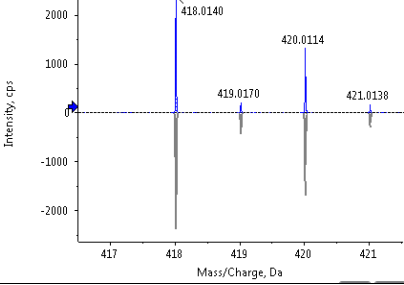
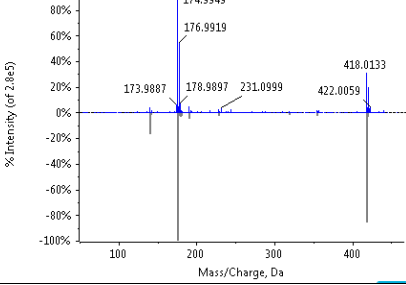
序号	化合物	一级图谱	二级图谱
160	氧异柳磷	Std4 - Isufenphos oxon (Standard) 330...ry-20200604.wiff2), (sample Index: 5) Area: 1.295e4, Height: 2.744e3, RT: 18.77 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 18.753 to 18.785 min</li> <li>● [C15H24NO5P+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35]</li> <li>● Library Spectrum: Isufenphos-oxon (31120-85-1), CE=20±0</li> </ul>  
161	异丙乐灵	Std4 - Isopropalin (Standard) 310.1661...ry-20200604.wiff2), (sample Index: 5) Area: 1.142e5, Height: 5.526e4, RT: 25.23 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 25.209 to 25.242 min</li> <li>● [C15H23N3O4+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35]</li> <li>● Library Spectrum: Isopropalin, CE=35±15</li> </ul>  
162	稻瘟灵	Std4 - Isoprothiolane (Standard) 291.0...ry-20200604.wiff2), (sample Index: 5) Area: 1.243e5, Height: 2.522e4, RT: 17.87 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 17.891 to 17.924 min</li> <li>● [C12H18O4S2+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35]</li> <li>● Library Spectrum: Isoprothiolane (50512-35-1), CE=35±0</li> </ul>  
163	异丙隆	Std4 - Isoproturon (Standard) 207.1392...ry-20200604.wiff2), (sample Index: 5) Area: 3.669e5, Height: 4.387e4, RT: 14.55 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 14.508 to 14.541 min</li> <li>● [C12H18N2O+H]<sup>+</sup></li> <li>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35]</li> <li>● Library Spectrum: Isoproturon (34123-59-6), CE=35±0</li> </ul>  
164	异噁酰草胺	Std4 - Isoxaben (Standard) 333.1709...ry-20200604.wiff2), (sample Index: 5) Area: 2.148e5, Height: 3.432e4, RT: 17.69 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 17.680 to 17.712 min</li> <li>● [C18H24N2O4+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35]</li> <li>● Library Spectrum: Isoxaben (82558-50-7), CE=35±0</li> </ul>  

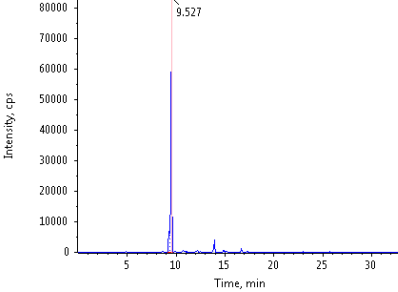
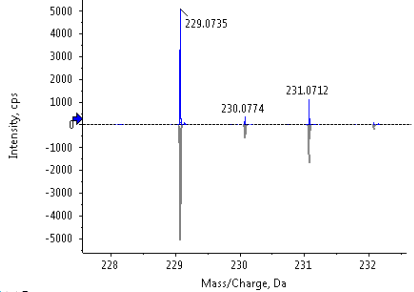
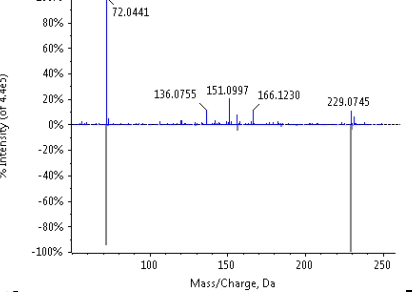
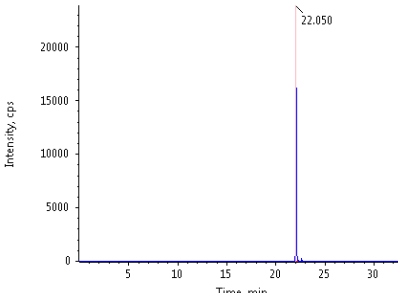
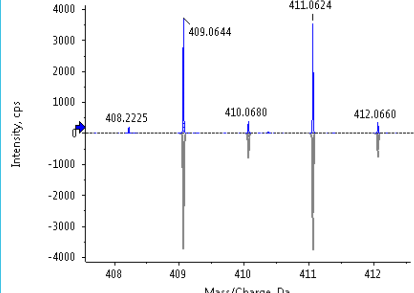
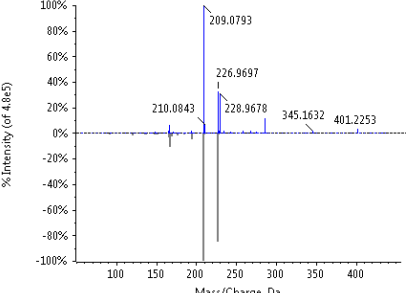
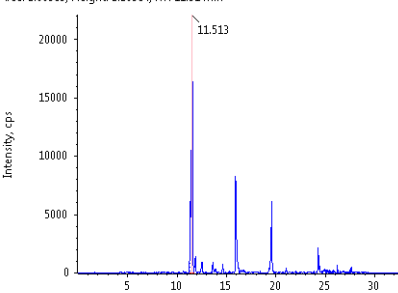
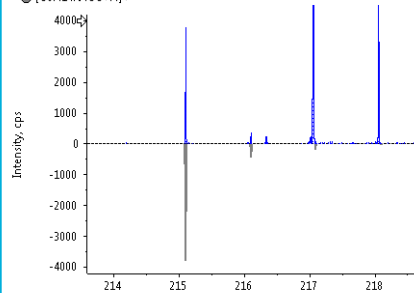
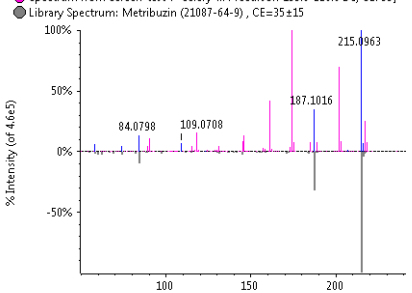
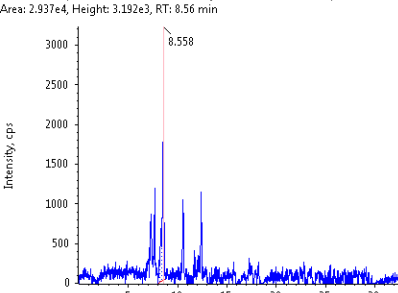
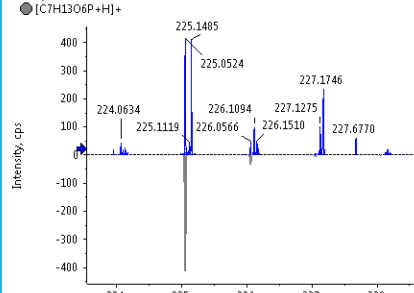
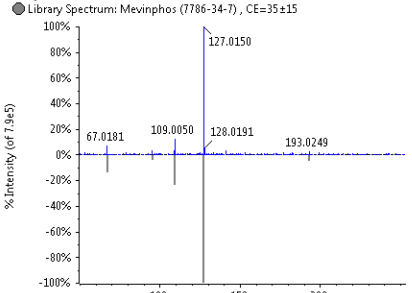
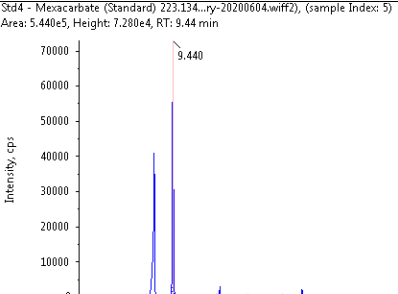
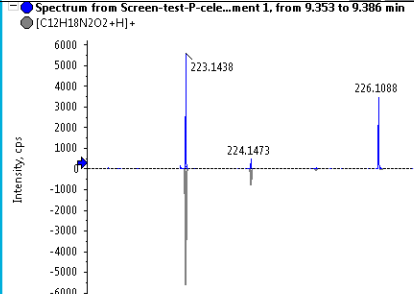
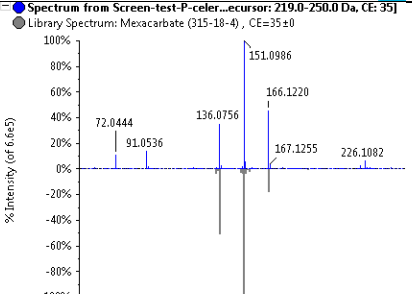
序号	化合物	一级图谱	二级图谱
165	双苯恶唑酸	<p>Std4 - Isoxadifen-ethyl (Standard) 296.1111...ery-20200604.wiff2), (sample Index: 5) Area: 1.803e5, Height: 4.210e4, RT: 20.23 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.249 to 20.282 min ● [C18H17NO3+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Isoxadifen-ethyl (163520-33-0), CE=35±15</p> 
166	异噁唑草酮	<p>Std4 - Isoxaflutole (Standard) 360.0411...ery-20200604.wiff2), (sample Index: 5) Area: 6.353e3, Height: 1.111e3, RT: 14.85 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.834 to 14.866 min ● [C15H12F3NO4S+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Isoxaflutole (141112-29-0), CE=35±15</p> 
167	噁唑磷	<p>Std4 - Isoxathion (Standard) 314.0510...ery-20200604.wiff2), (sample Index: 5) Area: 6.335e5, Height: 1.604e5, RT: 21.55 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.550 to 21.583 min ● [C13H16NO4PS+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Isoxathion (18854-01-8), CE=35±0</p> 
168	利谷隆	<p>Std4 - Linuron (Standard) 249.0092 - 2...ery-20200604.wiff2), (sample Index: 5) Area: 2.392e5, Height: 4.181e4, RT: 16.55 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.476 to 16.509 min ● [C9H10Cl2N2O2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Linuron (330-55-2), CE=35±0</p> 
169	马拉硫磷	<p>Std4 - Malathion (Standard) 331.0333...ery-20200604.wiff2), (sample Index: 5) Area: 6.158e4, Height: 1.230e4, RT: 17.91 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.891 to 17.924 min ● [C10H19O6PS2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Malathion (121-75-5), CE=35±15</p> 

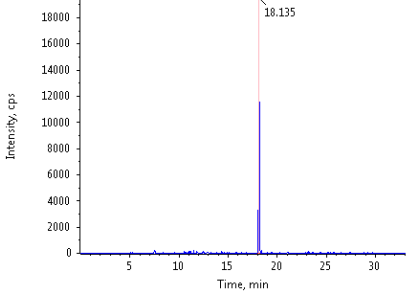
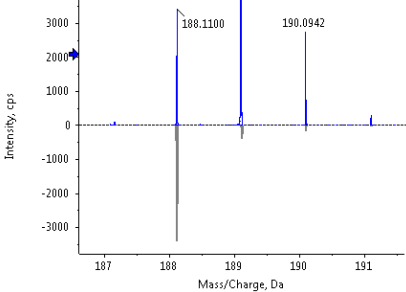
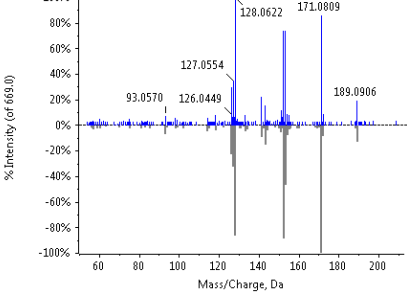
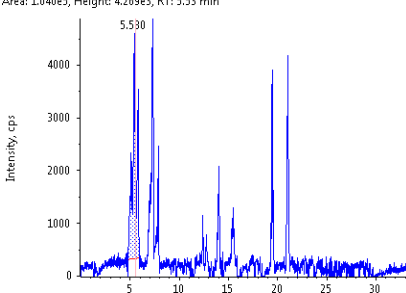
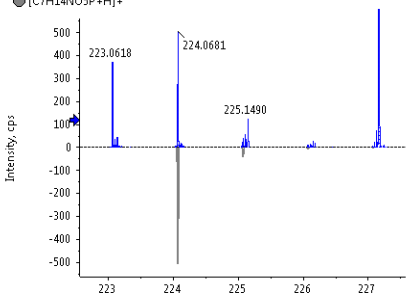
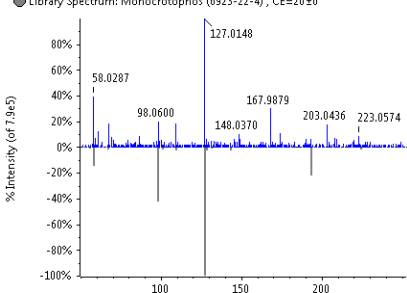
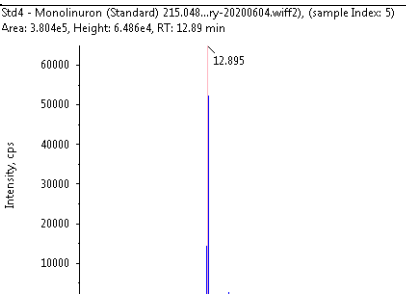
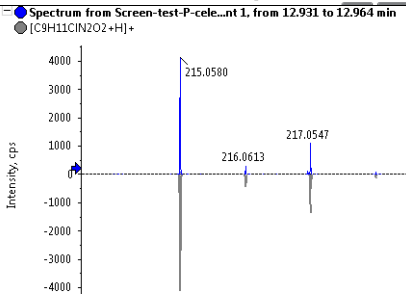
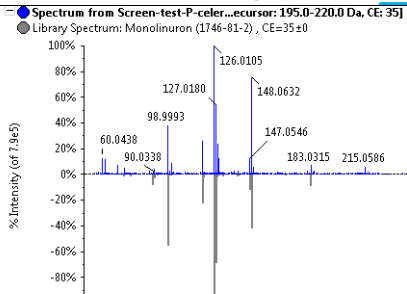
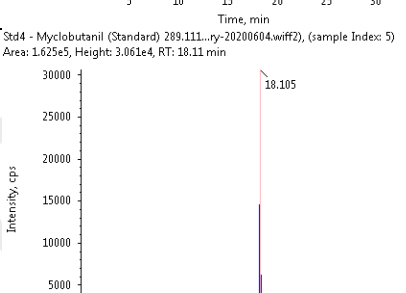
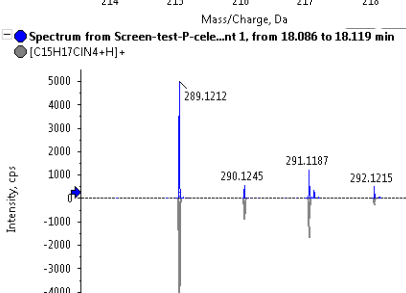
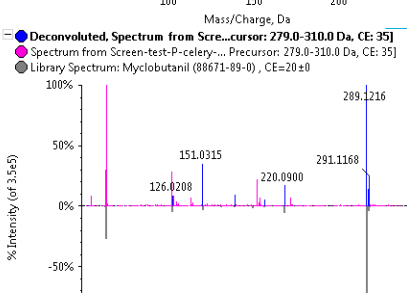
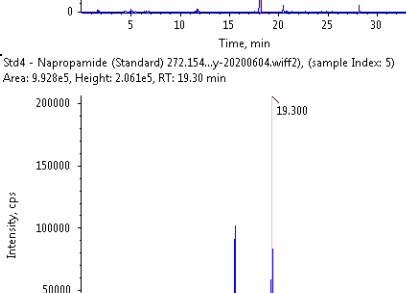
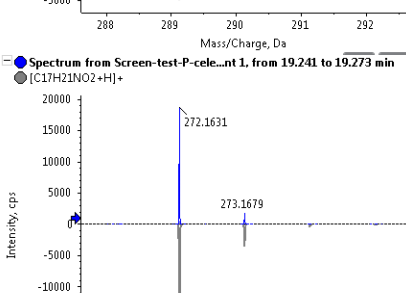
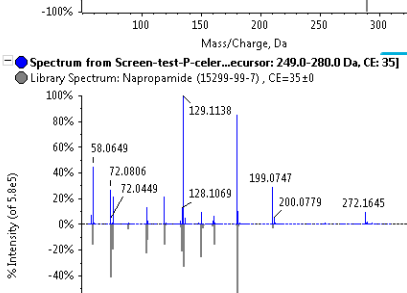
序号	化合物	一级图谱	二级图谱
170	双炔酰菌胺	Std4 - Mandipropamid (Standard) 412.1...ry-20200604.wiff2), (sample Index: 5) Area: 1.062e5, Height: 2.938e4, RT: 17.59 min 	<ul style="list-style-type: none"><li>Spectrum from Screen-test-P-celer...nt 1, from 17.582 to 17.615 min</li><li>Library Spectrum: Mandipropamid (374726-62-2), CE=20±0</li><li>Mass spectrum showing major peaks at m/z 412.1306, 413.1341, 414.1288, 125.0149, 204.1018, 329.1124, 330.1060, 331.1080, 356.1034, 436.1124.</li></ul>
171	苯噻酰草胺	Std4 - Mefenacet (Standard) 299.0749...ry-20200604.wiff2), (sample Index: 5) Area: 1.234e5, Height: 3.232e4, RT: 18.43 min 	<ul style="list-style-type: none"><li>Spectrum from Screen-test-P-celer...nt 1, from 18.411 to 18.444 min</li><li>Library Spectrum: Mefenacet (73250-68-7), CE=20±0</li><li>Mass spectrum showing major peaks at m/z 299.0847, 300.0879, 301.1547, 120.0806, 148.0748, 170.0957, 198.0909, 199.0986, 284.2947.</li></ul>
172	吡唑解草酯	Std4 - Mefenpyr-diethyl (Standard) 373...ry-20200604.wiff2), (sample Index: 5) Area: 4.631e4, Height: 1.089e4, RT: 21.42 min 	<ul style="list-style-type: none"><li>Spectrum from Screen-test-P-celer...nt 1, from 21.404 to 21.436 min</li><li>Library Spectrum: Mefenpyr-diethyl (135590-91-9), CE=35±15</li><li>Mass spectrum showing major peaks at m/z 373.0715, 374.0749, 375.0690, 376.0704, 144.9602, 159.9715, 252.9933, 328.0328, 329.0261, 331.0243, 339.2302, 395.0518.</li></ul>
173	噻菌胺	Std4 - Mepanipyrim (Standard) 224.108...ry-20200604.wiff2), (sample Index: 5) Area: 9.977e4, Height: 2.296e4, RT: 18.74 min 	<ul style="list-style-type: none"><li>Spectrum from Screen-test-P-celer...nt 1, from 18.688 to 18.720 min</li><li>Library Spectrum: Mepanipyrim (110235-47-7), CE=35±15</li><li>Mass spectrum showing major peaks at m/z 224.1181, 225.1213, 224.1159, 131.0628, 209.0955.</li></ul>
174	地胺磷	Std4 - Mephosfolan (Standard) 270.028...ry-20200604.wiff2), (sample Index: 5) Area: 7.948e5, Height: 6.853e4, RT: 11.13 min 	<ul style="list-style-type: none"><li>Spectrum from Screen-test-P-celer...nt 1, from 11.110 to 11.142 min</li><li>Library Spectrum: Mephosfolan, CE=35±15</li><li>Mass spectrum showing major peaks at m/z 270.0384, 269.1134, 271.0414, 272.0346, 139.9558, 75.0260, 141.9527, 167.9875, 196.0188, 223.1202, 270.0383.</li></ul>

序号	化合物	一级图谱	二级图谱
175	灭锈胺	Std4 - Mepronil (Standard) 270.1389 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.714e5, Height: 7.622e4, RT: 18.01 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 18.054 to 18.086 min ● [C17H19NO2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Mepronil (55814-41-0), CE=35±15</p> 
176	甲霜灵	Std4 - Metalaxyl (Standard) 280.1443 ...ry-20200604.wiff2), (sample Index: 5) Area: 5.191e5, Height: 7.616e4, RT: 14.92 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.964 to 14.996 min ● [C15H21NO4+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Metalaxyl (57837-19-1), CE=20±0</p> 
177	苯噻草酮	Std4 - Metamitron (Standard) 203.0827 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.729e5, Height: 1.870e4, RT: 7.40 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.321 to 7.353 min ● [C10H10N4O+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 195.0-220.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Metamitron (41394-05-2), CE=35±15</p> 
178	吡唑草胺	Std4 - Metazachlor (Standard) 278.0955 ...ry-20200604.wiff2), (sample Index: 5) Area: 4.405e4, Height: 5.449e3, RT: 14.57 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.557 to 14.590 min ● [C14H16ClN3O+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Metazachlor (67129-08-2), CE=35±0</p> 
179	叶菌唑	Std4 - Metconazole (Standard) 320.142...ry-20200604.wiff2), (sample Index: 5) Area: 1.692e5, Height: 3.871e4, RT: 21.47 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.501 to 21.534 min ● [C17H22ClN3O+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Metconazole (125116-23-6), CE=35±15</p> 

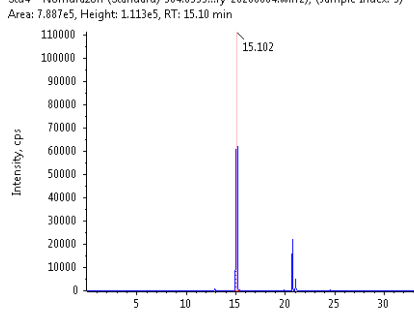
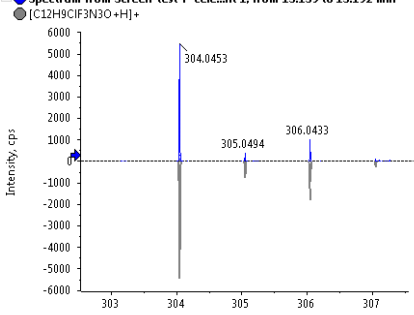
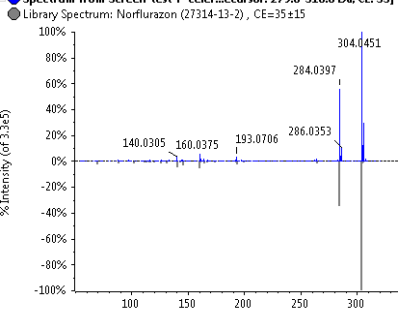
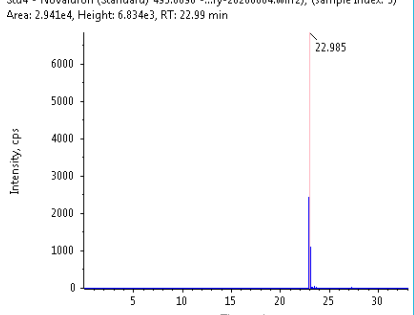
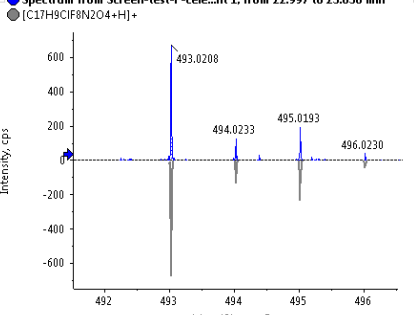
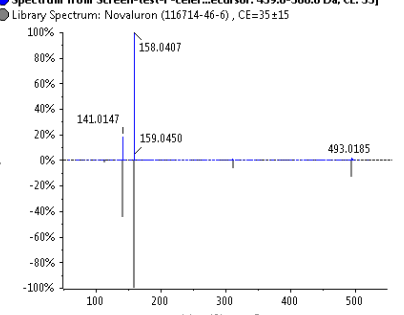
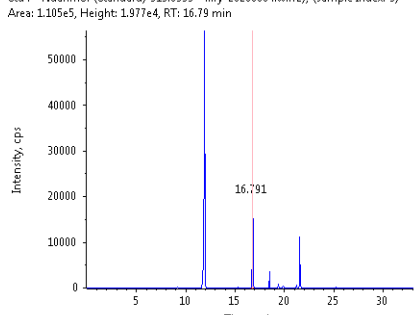
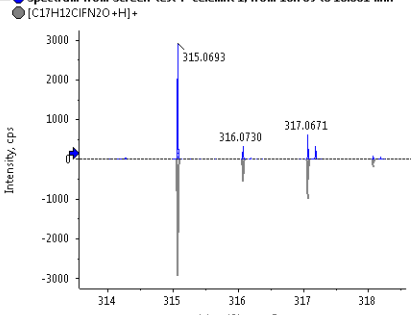
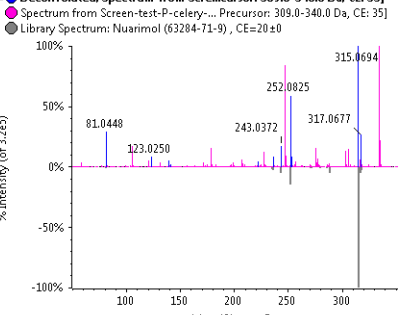
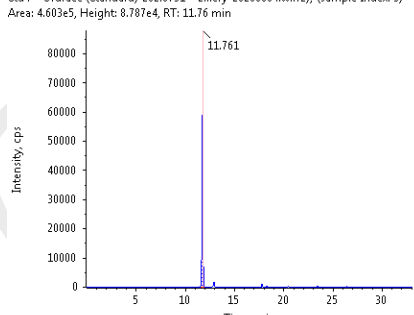
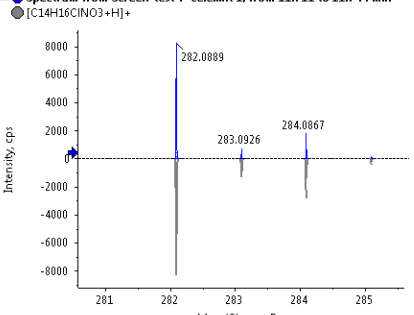
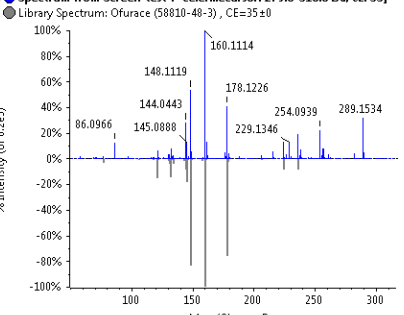
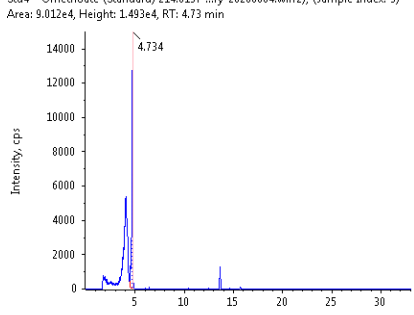
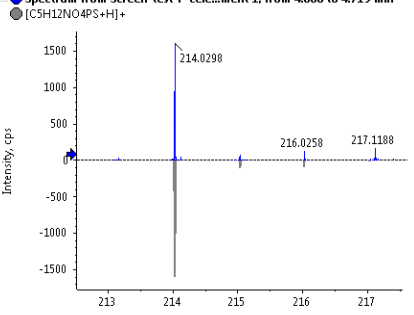
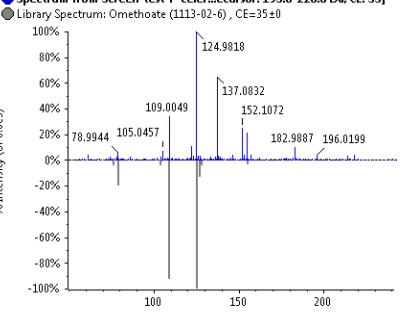
序号	化合物	一级图谱	二级图谱
180	甲基苯噻隆	Std4 - Methabenzthiazuron (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 4.661e5, Height: 4.973e4, RT: 14.02 min 	<ul style="list-style-type: none"><li>● Spectrum from Screen-test-P-celer...nt 1, from 14.086 to 14.118 min</li><li>● [C10H11N3OS+H]<sup>+</sup></li><li>● Deconvoluted, Spectrum from Scre...ursor: 219.0-250.0 Da, CE: 35]</li><li>● Spectrum from Screen-test-P-celer... Precursor: 219.0-250.0 Da, CE: 35]</li><li>● Library Spectrum: Methabenzthiazuron (18691-97-9), CE=35±0</li></ul>  
181	甲胺磷	Std4 - Methamidophos (Standard) 141.9...ry-20200604.wiff2), (sample Index: 5) Area: 9.077e3, Height: 1.144e3, RT: 3.97 min 	<ul style="list-style-type: none"><li>● Spectrum from Screen-test-P-celer...ment 1, from 3.954 to 3.987 min</li><li>● [C2H8NO2PS+H]<sup>+</sup></li><li>● Deconvoluted, Spectrum from Scre...ursor: 80.0-200.0 Da, CE: 35]</li><li>● Spectrum from Screen-test-P-celer... Precursor: 80.0-200.0 Da, CE: 35]</li><li>● Library Spectrum: Methamidophos (10265-92-6), CE=35±15</li></ul>  
182	甲硫威	Std4 - Methiocarb (Standard) 226.0796...ry-20200604.wiff2), (sample Index: 5) Area: 5.241e4, Height: 6.058e3, RT: 16.80 min 	<ul style="list-style-type: none"><li>● Spectrum from Screen-test-P-celer...nt 1, from 16.850 to 16.883 min</li><li>● [C11H15NO2S+H]<sup>+</sup></li><li>● Deconvoluted, Spectrum from Scre...ursor: 219.0-250.0 Da, CE: 35]</li><li>● Spectrum from Screen-test-P-celer... Precursor: 219.0-250.0 Da, CE: 35]</li><li>● Library Spectrum: Methiocarb (2032-65-7), CE=20±0</li></ul>  
183	甲氧丙净	Std4 - Methoprotynne (Standard) 272.1...ry-20200604.wiff2), (sample Index: 5) Area: 2.221e6, Height: 2.996e5, RT: 15.54 min 	<ul style="list-style-type: none"><li>● Spectrum from Screen-test-P-celer...nt 1, from 15.452 to 15.484 min</li><li>● [C11H21N5OS+H]<sup>+</sup></li><li>● Deconvoluted, Spectrum from Scre...ursor: 249.0-280.0 Da, CE: 35]</li><li>● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35]</li><li>● Library Spectrum: Methoprotynne (841-06-5), CE=35±0</li></ul>  
184	甲氧虫酰肼	Std4 - Methoxyfenozide (Standard) 369...ry-20200604.wiff2), (sample Index: 5) Area: 2.876e3, Height: 5.672e2, RT: 18.25 min 	<ul style="list-style-type: none"><li>● Spectrum from Screen-test-P-celer...nt 1, from 18.233 to 18.265 min</li><li>● [C22H28N2O3+H]<sup>+</sup></li><li>● Deconvoluted, Spectrum from Scre...ursor: 399.0-370.0 Da, CE: 35]</li><li>● Spectrum from Screen-test-P-celer... Precursor: 399.0-370.0 Da, CE: 35]</li><li>● Library Spectrum: Methoxyfenozide (161050-58-4), CE=35±0</li></ul>  

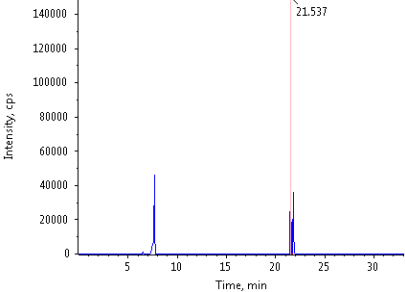
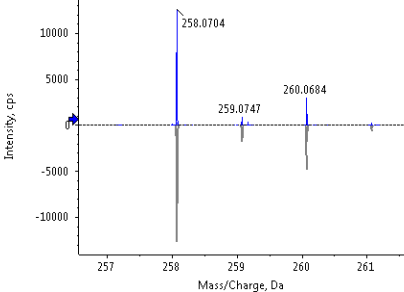
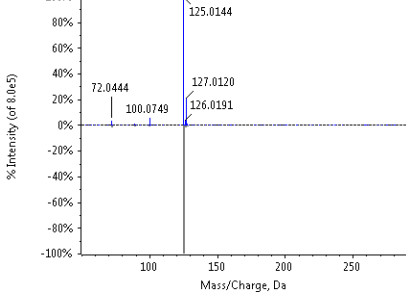
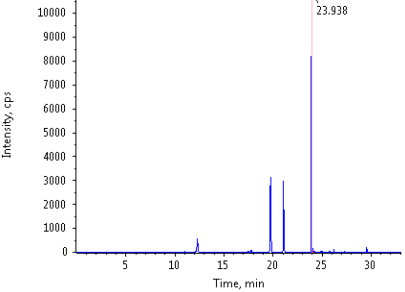
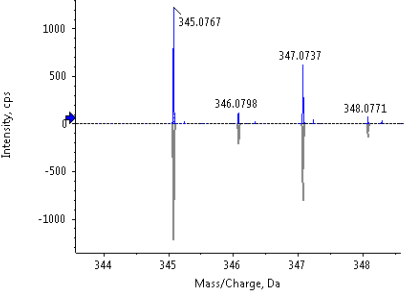
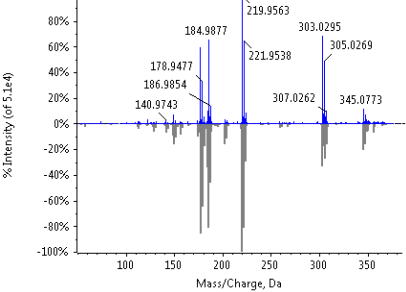
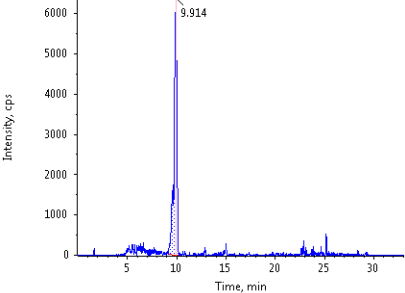
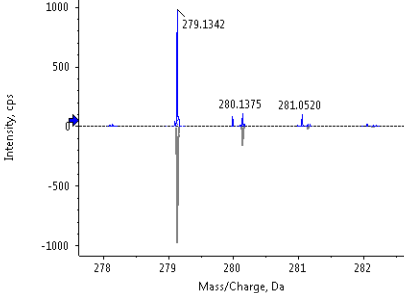
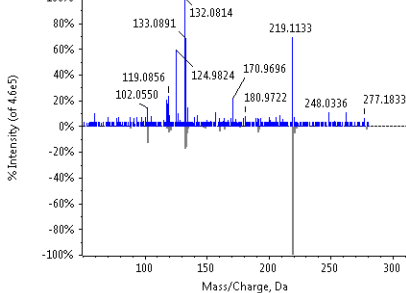
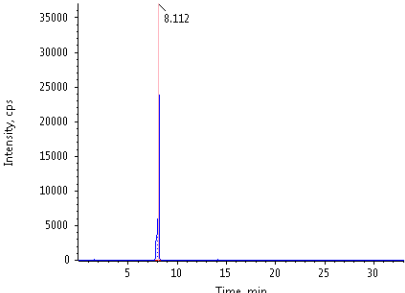
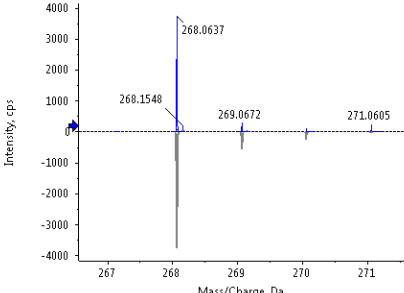
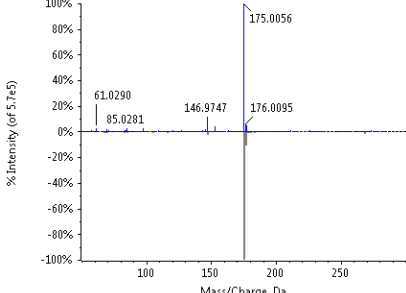
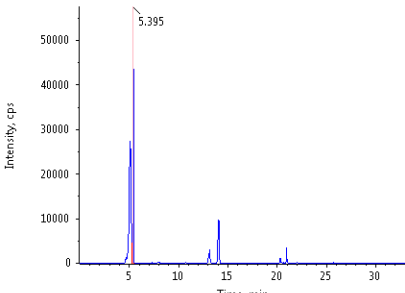
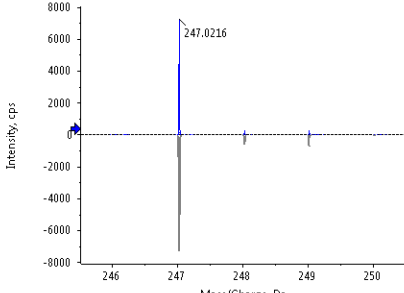
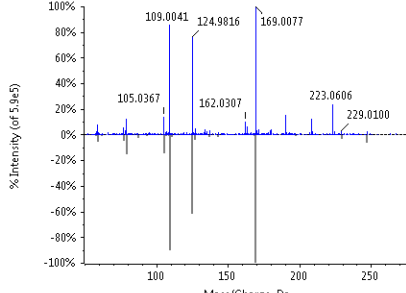
序号	化合物	一级图谱	二级图谱	
185	异丙甲草胺	<p>Std4 - Metolachlor (Standard) 284.1312...ry-20200604.wiff2), (sample Index: 5) Area: 6.537e5, Height: 1.439e5, RT: 19.74 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.761 to 19.794 min ● [C15H22ClNO2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Metolachlor (51218-45-2), CE=35±15</p> 
186	速灭威	<p>Std4 - Metolcarb (Standard) 166.0763 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.887e5, Height: 9.267e4, RT: 22.54 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.558 to 22.591 min ● [C9H11NO2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Metolcarb (1129-41-5), CE=20±0</p> 
187	苯氧菌胺-(E)	<p>Std4 - Metominostrobin-(E) (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 8.563e5, Height: 1.632e5, RT: 15.31 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.257 to 15.289 min ● [C16H16N2O3+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Metominostrobin-(E), CE=35±15</p> 
188	苯氧菌胺-(Z)	<p>Std4 - Metominostrobin-(Z) (Standard) ...ry-20200604.wiff2), (sample Index: 5) Area: 8.563e5, Height: 1.632e5, RT: 15.31 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.257 to 15.289 min ● [C16H16N2O3+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Metominostrobin-(Z), CE=35±15</p> 
189	磺草唑胺	<p>Std4 - Metosulam (Standard) 418.0038 ...ry-20200604.wiff2), (sample Index: 5) Area: 9.741e4, Height: 1.679e4, RT: 12.12 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 12.102 to 12.134 min ● [C14H13Cl2N5O4S+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Metosulam (139528-85-1), CE=35±15</p> 

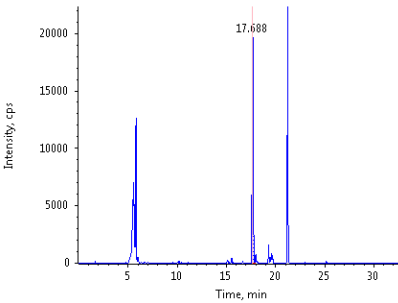
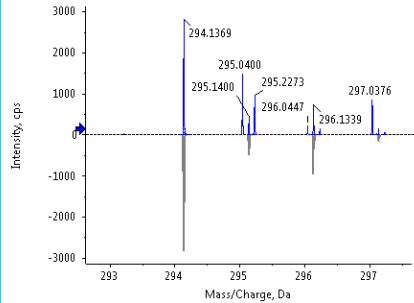
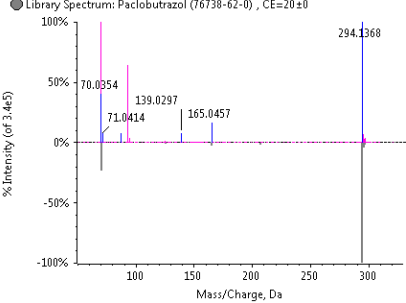
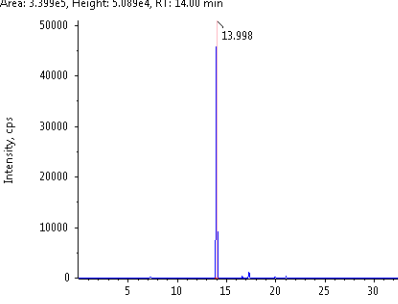
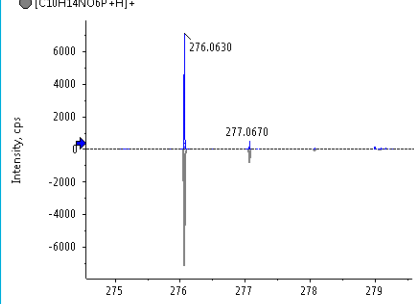
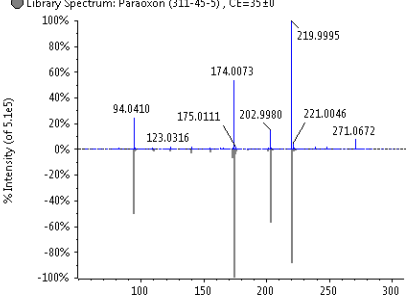
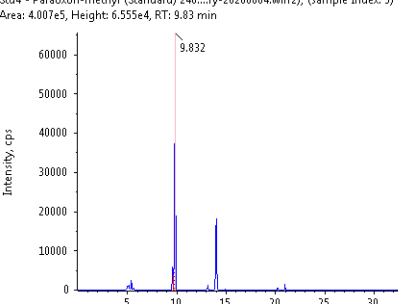
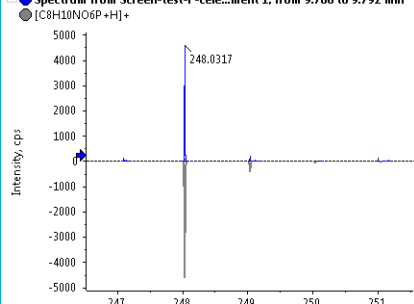
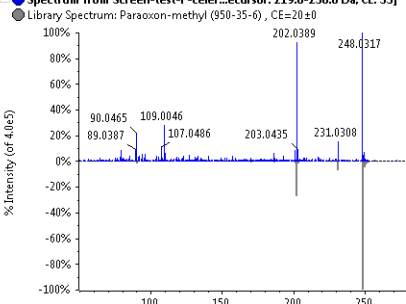
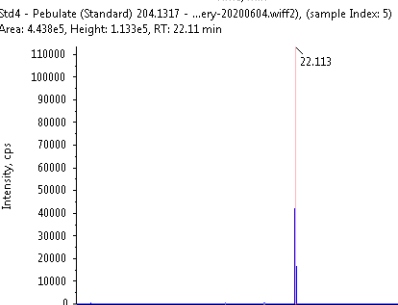
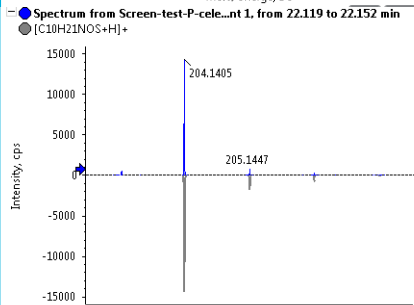
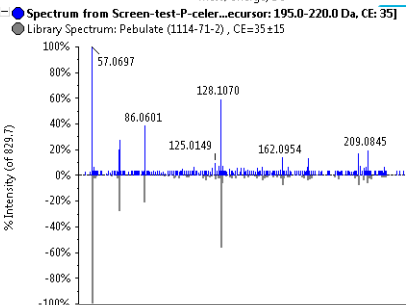
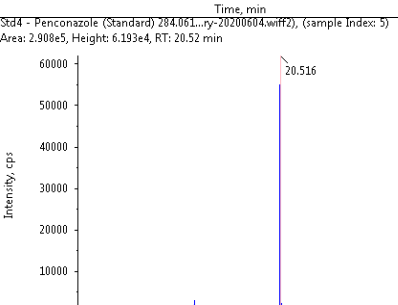
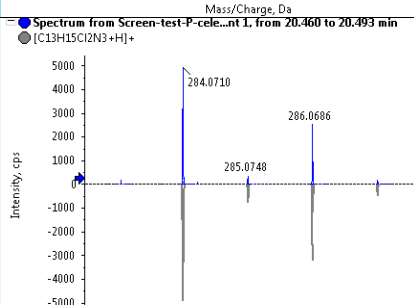
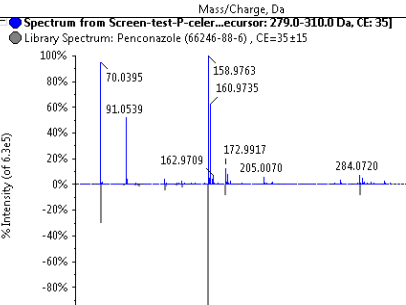
序号	化合物	一级图谱	二级图谱
190	甲氧隆	Std4 - Metoxuron (Standard) 229.0638 ...ry-20200604.wiff2), (sample Index: 5) Area: 5.859e5, Height: 8.344e4, RT: 9.53 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ment 1, from 9.565 to 9.597 min</li> <li>● [C10H13ClN2O2+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]</li> <li>● Library Spectrum: Metoxuron (19937-58-8), CE=20±0</li> </ul>  
191	苯菌酮	Std4 - Metrafenone (Standard) 409.054...ry-20200604.wiff2), (sample Index: 5) Area: 9.838e4, Height: 2.387e4, RT: 22.05 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 22.038 to 22.070 min</li> <li>● [C19H21BrO5+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35]</li> <li>● Library Spectrum: Metrafenone (220899-03-6), CE=35±0</li> </ul>  
192	噻草酮	Std4 - Metribuzin (Standard) 215.0861 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.069e5, Height: 2.209e4, RT: 11.51 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 11.500 to 11.533 min</li> <li>● [C8H14N4OS+H]<sup>+</sup></li> <li>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35]</li> <li>● Library Spectrum: Metribuzin (21087-64-9), CE=35±15</li> </ul>  
193	速灭磷	Std4 - Mevinphos (Standard) 225.0423 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.937e4, Height: 3.192e3, RT: 8.56 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ment 1, from 8.540 to 8.573 min</li> <li>● [C7H13O6P+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]</li> <li>● Library Spectrum: Mevinphos (7786-34-7), CE=35±15</li> </ul>  
194	兹克威	Std4 - Mexacarbate (Standard) 223.134...ry-20200604.wiff2), (sample Index: 5) Area: 5.440e5, Height: 7.280e4, RT: 9.44 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ment 1, from 9.353 to 9.386 min</li> <li>● [C12H18N2O2+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]</li> <li>● Library Spectrum: Mexacarbate (315-18-4), CE=35±0</li> </ul>  

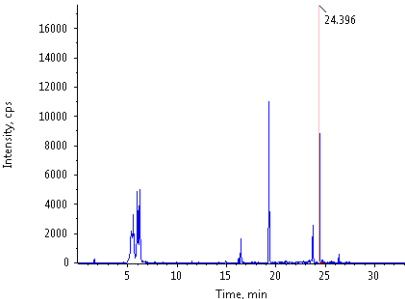
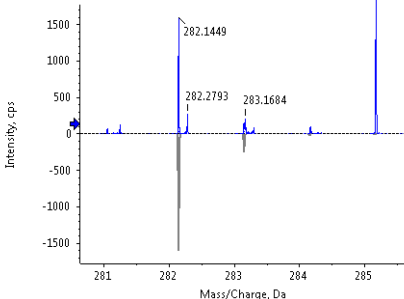
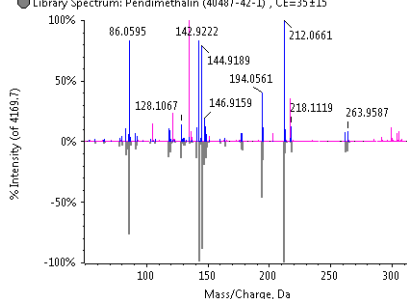
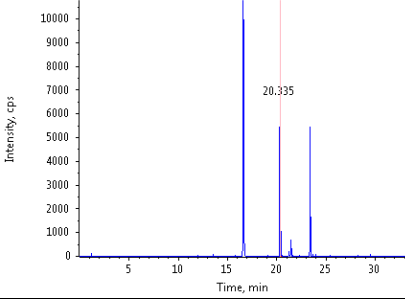
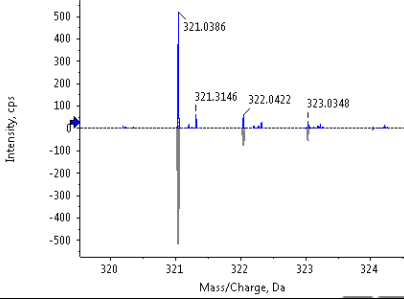
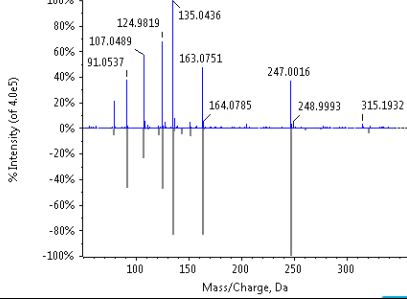
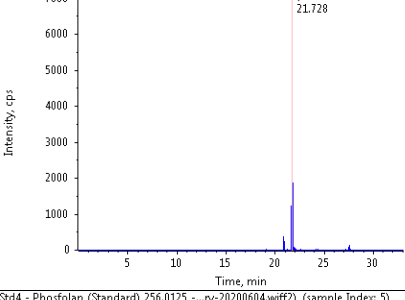
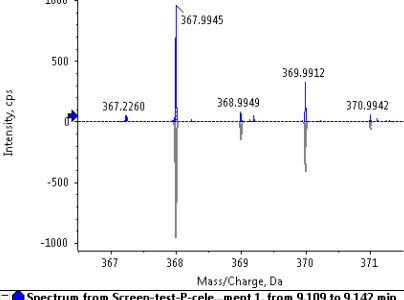
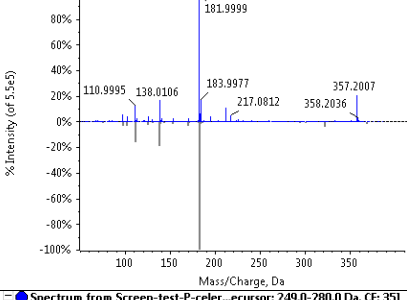
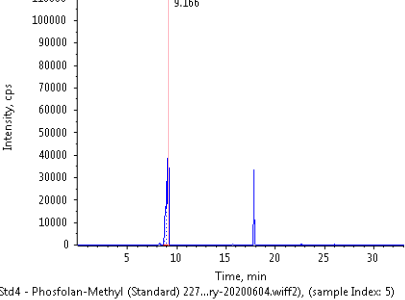
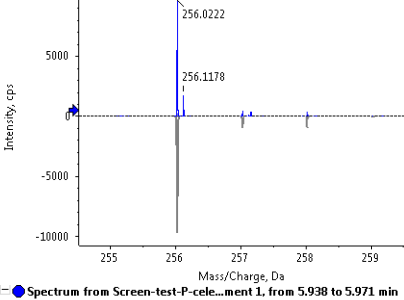
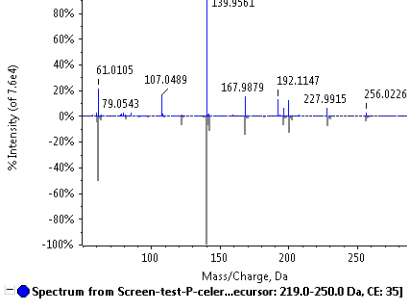
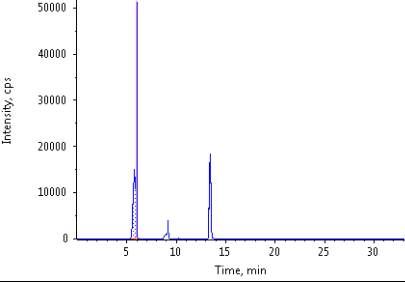
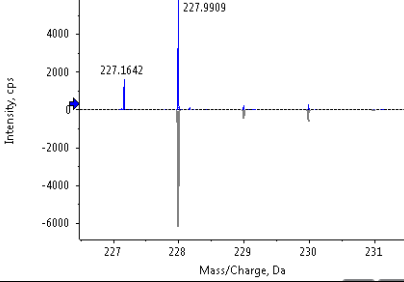
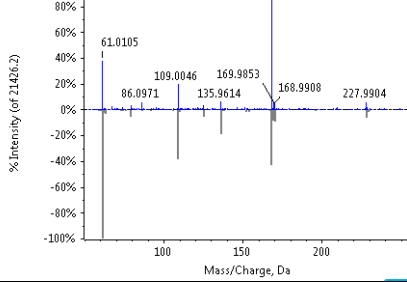
序号	化合物	一级图谱	二级图谱
195	禾草敌	<p>Std4 - Molinate (Standard) 188.1004 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.196e5, Height: 1.953e4, RT: 18.13 min</p> 	<div><div><p>● Spectrum from Screen-test-P-celer...nt 1, from 18.102 to 18.135 min ● [C9H17NOS+H]<sup>+</sup></p></div><div><p>● Spectrum from Screen-test-P-celer...cursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Molinate (2212-67-1), CE=35±15</p></div></div>
196	久效磷	<p>Std4 - Monocrotophos (Standard) 224.0...ry-20200604.wiff2), (sample Index: 5) Area: 1.040e5, Height: 4.269e3, RT: 5.53 min</p> 	<div><div><p>● Spectrum from Screen-test-P-celer...ment 1, from 5.808 to 5.841 min ● [C7H14NOS5P+H]<sup>+</sup></p></div><div><p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Monocrotophos (6923-22-4), CE=20±0</p></div></div>
197	绿谷隆	<p>Std4 - Monolinuron (Standard) 215.048...ry-20200604.wiff2), (sample Index: 5) Area: 3.804e5, Height: 6.486e4, RT: 12.89 min</p> 	<div><div><p>● Spectrum from Screen-test-P-celer...nt 1, from 12.931 to 12.964 min ● [C9H11ClN2O2+H]<sup>+</sup></p></div><div><p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Monolinuron (1746-81-2), CE=35±0</p></div></div>
198	腈菌唑	<p>Std4 - Myclobutanil (Standard) 289.111...ry-20200604.wiff2), (sample Index: 5) Area: 1.625e5, Height: 3.061e4, RT: 18.11 min</p> 	<div><div><p>● Spectrum from Screen-test-P-celer...nt 1, from 18.086 to 18.119 min ● [C15H17ClN4+H]<sup>+</sup></p></div><div><p>● Deconvoluted, Spectrum from Sre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Myclobutanil (88671-89-0), CE=20±0</p></div></div>
199	敌草胺	<p>Std4 - Napropamide (Standard) 272.154...ry-20200604.wiff2), (sample Index: 5) Area: 9.928e5, Height: 2.061e5, RT: 19.30 min</p> 	<div><div><p>● Spectrum from Screen-test-P-celer...nt 1, from 19.241 to 19.273 min ● [C17H21NO2+H]<sup>+</sup></p></div><div><p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Napropamide (15299-99-7), CE=35±0</p></div></div>

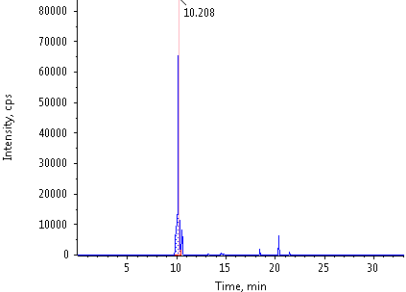
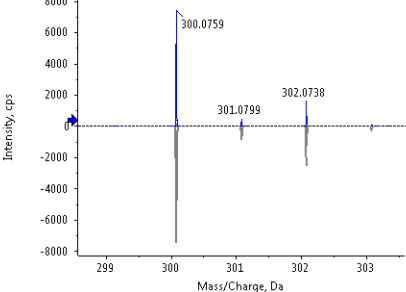
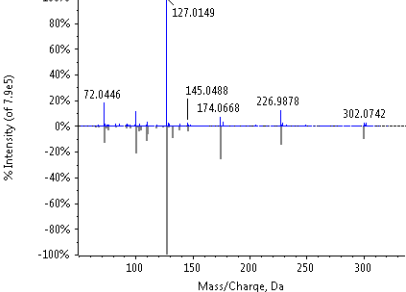
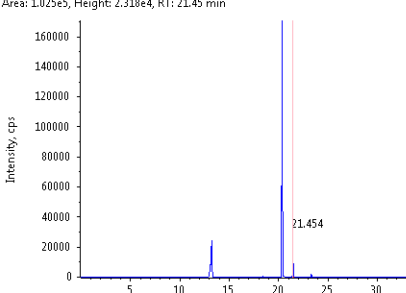
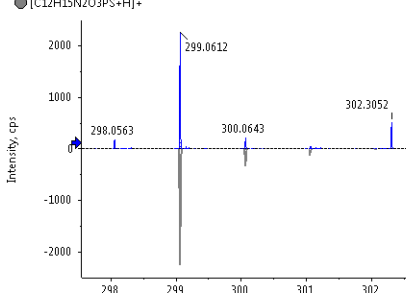
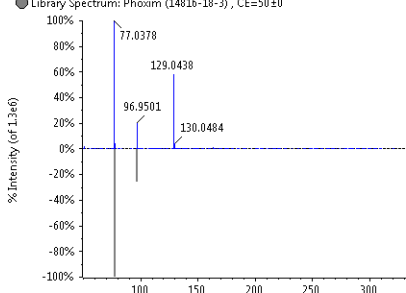
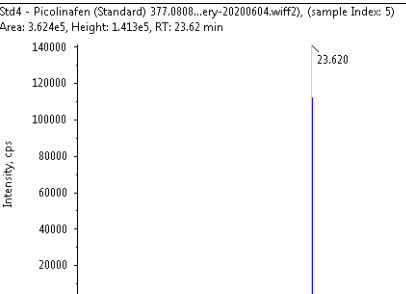
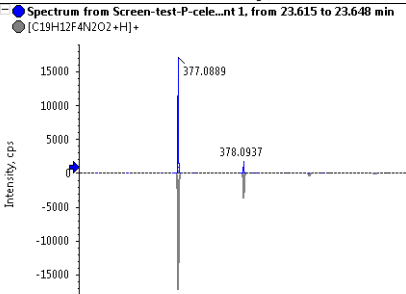
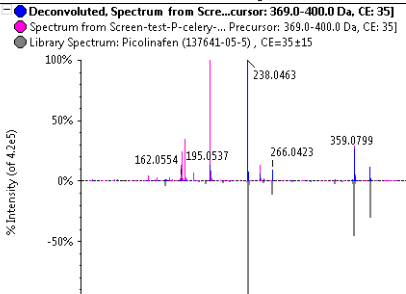
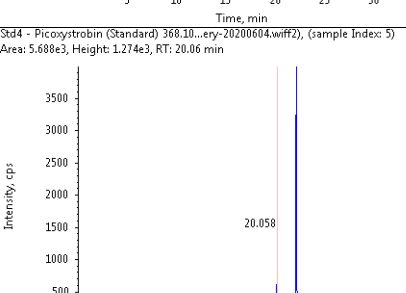
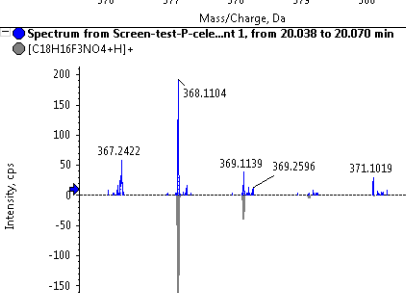
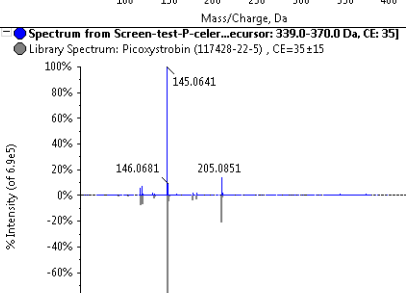
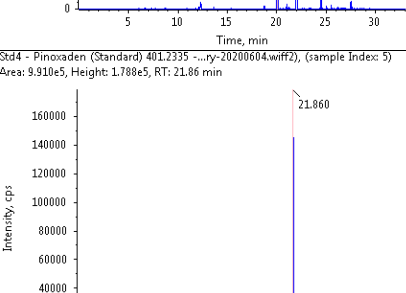
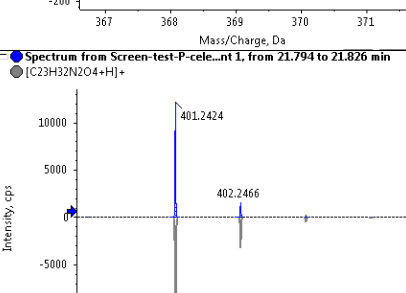
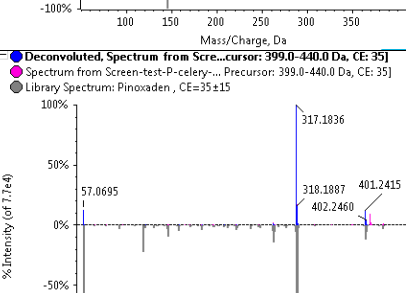


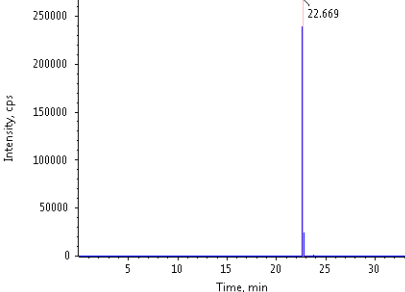
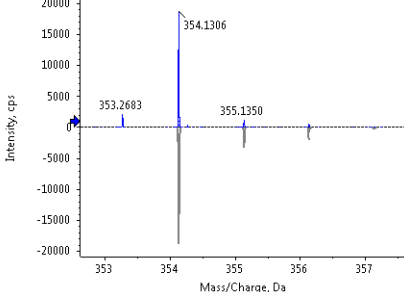
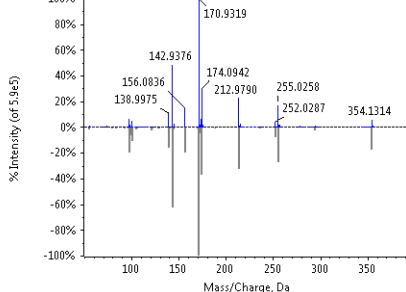
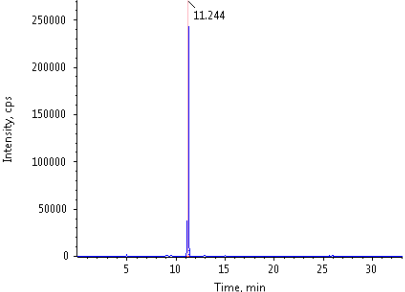
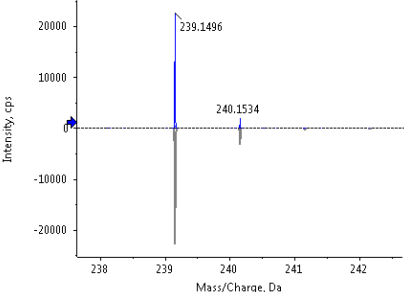
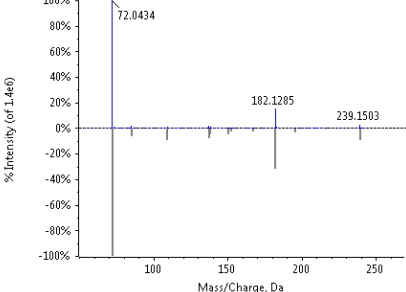
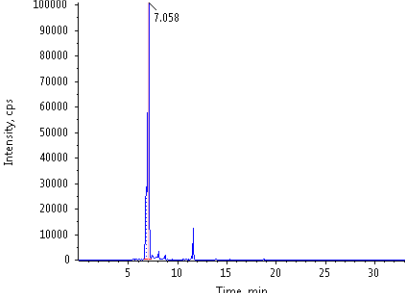
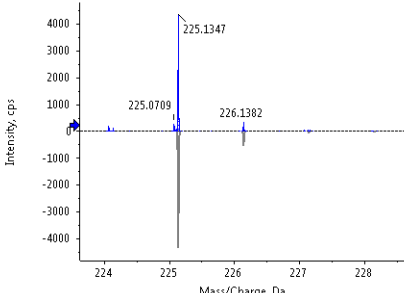
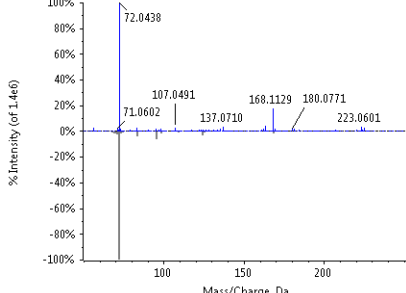
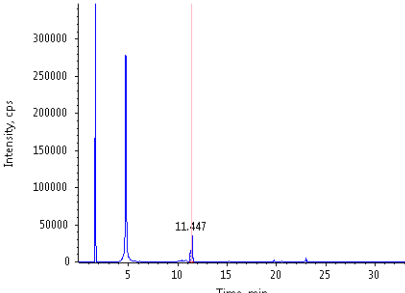
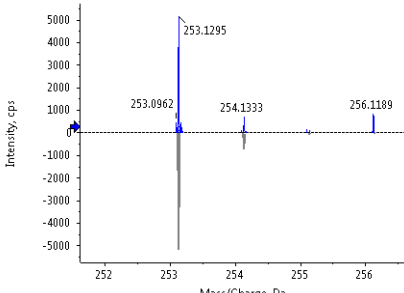
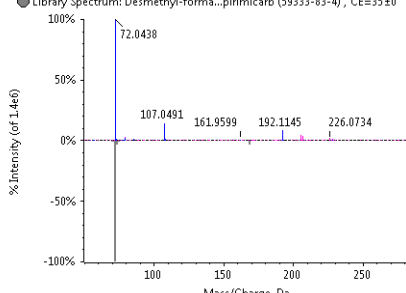
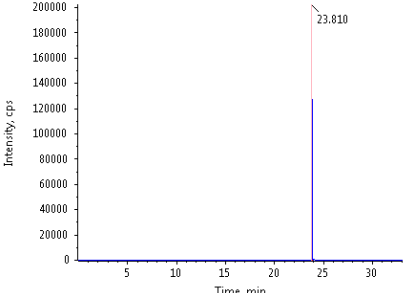
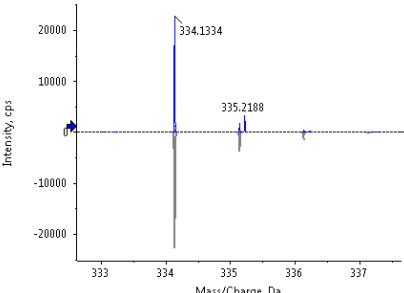
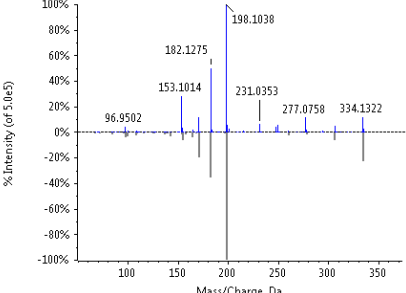
序号	化合物	一级图谱	二级图谱
200	氟草敏	<p>Std4 - Norflurazon (Standard) 304.0359...ry-20200604.wiff2), (sample Index: 5) Area: 7.887e5, Height: 1.113e5, RT: 15.10 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.159 to 15.192 min ● [C12H9ClF3N3O+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Norflurazon (27314-13-2), CE=35±15</p> 
201	氟酰胺	<p>Std4 - Novaluron (Standard) 493.0096...ry-20200604.wiff2), (sample Index: 5) Area: 2.941e4, Height: 6.834e3, RT: 22.99 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.997 to 23.030 min ● [C17H9ClF8N2O4+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 439.0-500.0 Da, CE: 35] ● Library Spectrum: Novaluron (116714-46-6), CE=35±15</p> 
202	氟苯嘧啶醇	<p>Std4 - Nuaimol (Standard) 315.0595...ry-20200604.wiff2), (sample Index: 5) Area: 1.105e5, Height: 1.977e4, RT: 16.79 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.769 to 16.801 min ● [C17H12ClF2N2O+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Nuaimol (63284-71-9), CE=20±0</p> 
203	呋酰胺	<p>Std4 - Ofurace (Standard) 282.0791...ry-20200604.wiff2), (sample Index: 5) Area: 4.603e5, Height: 8.787e4, RT: 11.76 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.711 to 11.744 min ● [C14H16ClNO3+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Ofurace (58810-48-3), CE=35±0</p> 
204	氧乐果	<p>Std4 - Omethoate (Standard) 214.0197...ry-20200604.wiff2), (sample Index: 5) Area: 9.012e4, Height: 1.493e4, RT: 4.73 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 4.686 to 4.719 min ● [C5H12NO4PS+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Omethoate (11113-02-6), CE=35±0</p> 

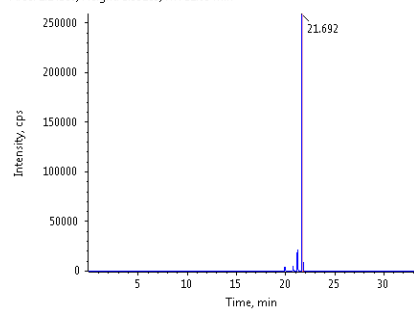
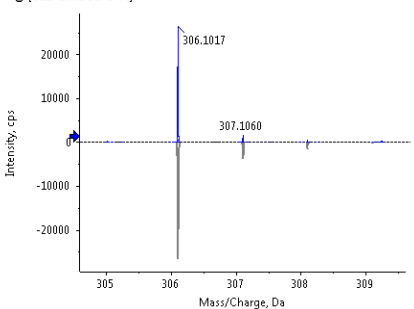
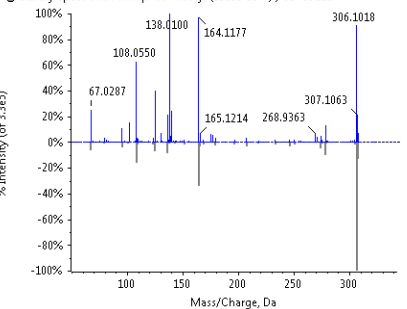
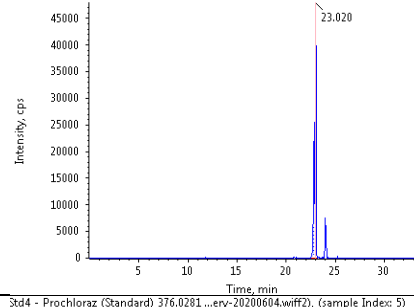
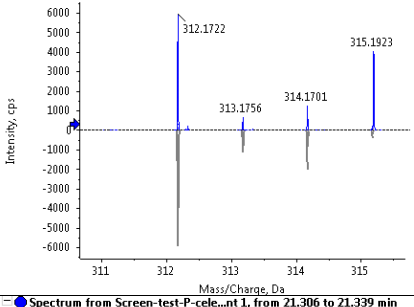
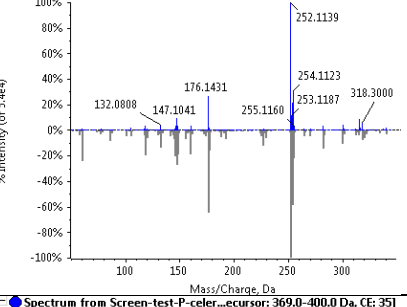
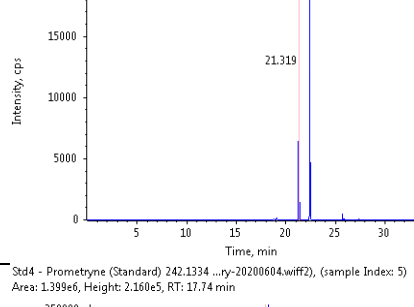
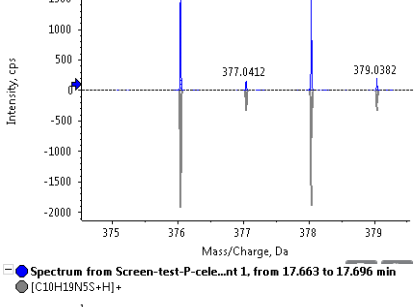
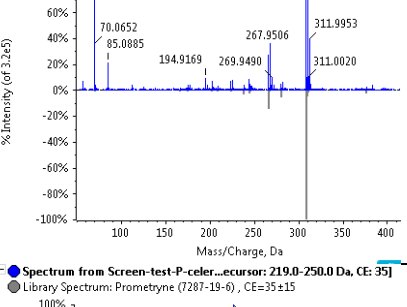
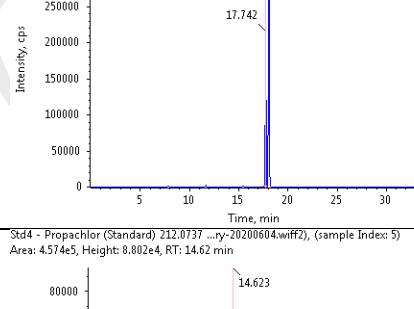
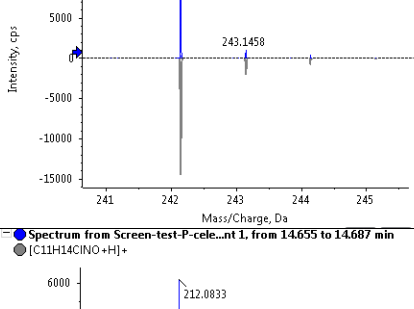
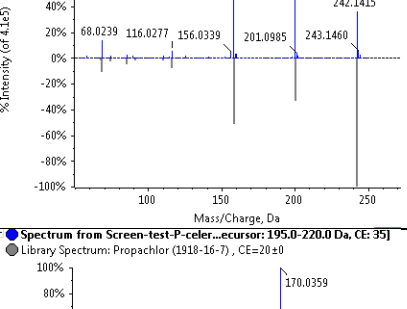
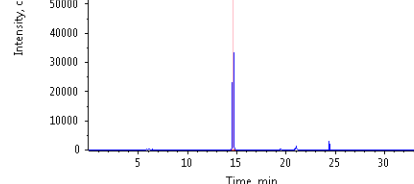
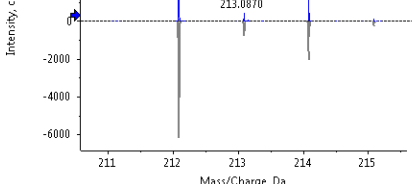
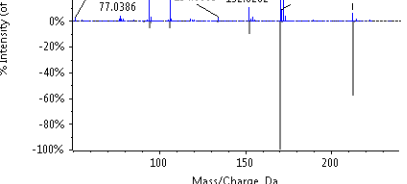
序号	化合物	一级图谱	二级图谱
205	坪草丹	<p>Std4 - Orbencarb (Standard) 258.0614 ...ry-20200604.wiff2), (sample Index: 5) Area: 5.443e5, Height: 1.501e5, RT: 21.54 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.485 to 21.517 min ● [C12H16ClNOS+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Orbencarb (34622-58-7), CE=35±10</p> 
206	噁草酮	<p>Std4 - Oxadiazon (Standard) 345.0667 ...ry-20200604.wiff2), (sample Index: 5) Area: 3.280e4, Height: 1.073e4, RT: 23.94 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 23.908 to 23.941 min ● [C15H18ClN2O3+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Oxadiazon (19666-30-9), CE=35±15</p> 
207	噁霜灵	<p>Std4 - Oxadixyl (Standard) 279.1239 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.300e5, Height: 6.380e3, RT: 9.91 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.890 to 9.923 min ● [C14H18N2O4+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Oxadixyl (77732-09-3), CE=20±0</p> 
208	氧化萎锈灵	<p>Std4 - Oxyacboxin (Standard) 268.0538 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.405e5, Height: 3.700e4, RT: 8.11 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 8.134 to 8.166 min ● [C12H13NO4S+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Oxyacboxin (5259-88-1), CE=35±15</p> 
209	亚砷磷	<p>Std4 - Oxydemeton-methyl (Standard) 2...ry-20200604.wiff2), (sample Index: 5) Area: 2.604e5, Height: 5.757e4, RT: 5.39 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.353 to 5.385 min ● [C6H15O4P2S2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Oxydemeton-methyl (301-12-2), CE=35±15</p> 

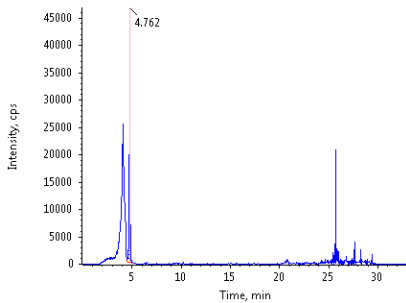
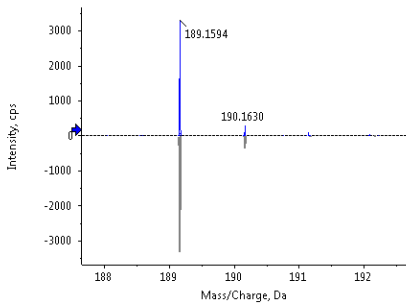
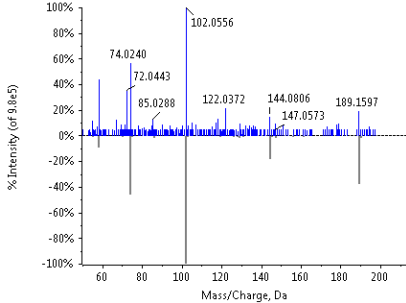
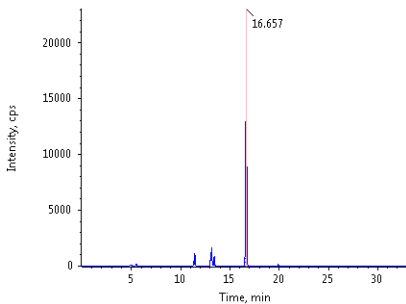
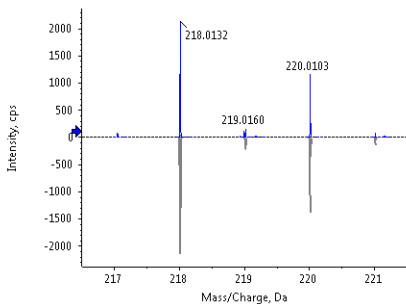
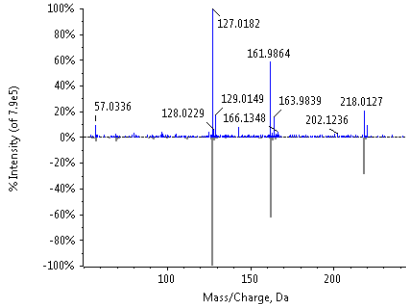
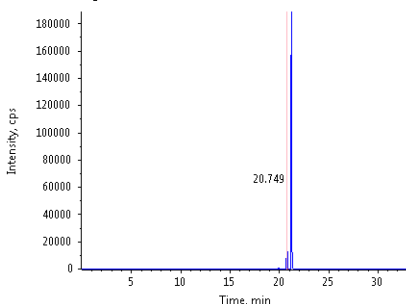
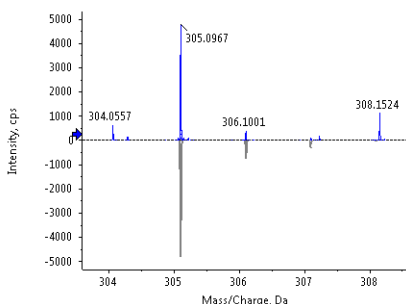
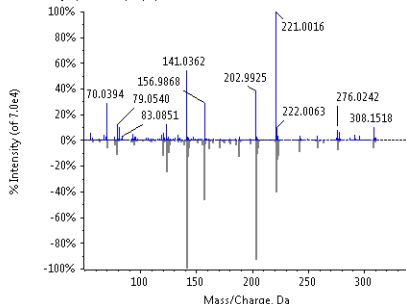
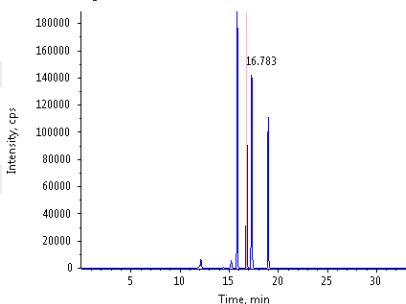
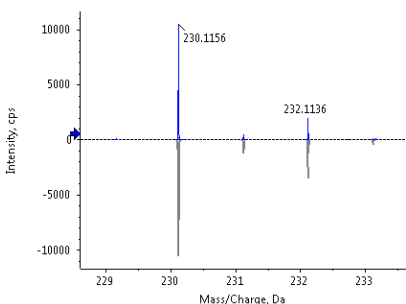
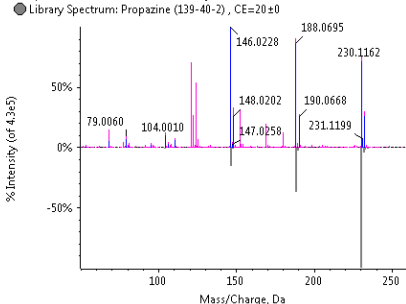
序号	化合物	一级图谱	二级图谱
210	多效唑	Std4 - Paclobutrazol (Standard) 294.12...ry-20200604.wiff2), (sample Index: 5) Area: 1.404e5, Height: 1.970e4, RT: 17.69 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.680 to 17.712 min ● [C15H20ClN3O+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Paclobutrazol (76738-62-0), CE=20±0</p> 
211	对氧磷	Std4 - Paraoxon-ethyl (Standard) 276.0...ry-20200604.wiff2), (sample Index: 5) Area: 3.399e5, Height: 5.089e4, RT: 14.00 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.004 to 14.037 min ● [C10H14NO6P+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Paraoxon (311-45-5), CE=35±0</p> 
212	甲基对氧磷	Std4 - Paraoxon-methyl (Standard) 248...ry-20200604.wiff2), (sample Index: 5) Area: 4.007e5, Height: 6.555e4, RT: 9.83 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.760 to 9.792 min ● [C8H10NO6P+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Paraoxon-methyl (950-35-0), CE=20±0</p> 
213	克草敌	Std4 - Pebulate (Standard) 204.1317 - ...ry-20200604.wiff2), (sample Index: 5) Area: 4.438e5, Height: 1.133e5, RT: 22.11 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.119 to 22.152 min ● [C10H21NOS+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Pebulate (1114-71-2), CE=35±15</p> 
214	戊菌唑	Std4 - Penconazole (Standard) 284.061...ry-20200604.wiff2), (sample Index: 5) Area: 2.908e5, Height: 6.193e4, RT: 20.52 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.460 to 20.493 min ● [C13H15Cl2N3+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Penconazole (66246-88-6), CE=35±15</p> 

序号	化合物	一级图谱	二级图谱
215	二甲戊灵	<p>Std4 - Pendimethalin (Standard) 282.13...ry-20200604.wiff2), (sample Index: 5) Area: 4.557e4, Height: 1.760e4, RT: 24.40 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.380 to 24.412 min ● [C13H19N3O4+H]<sup>+</sup></p>  <p>● Deconvoluted Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Pendimethalin (40487-42-1), CE=35±15</p> 
216	稻丰散	<p>Std4 - Phenthoate (Standard) 321.0279...ry-20200604.wiff2), (sample Index: 5) Area: 3.362e4, Height: 6.604e3, RT: 20.34 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.282 to 20.314 min ● [C12H17O4PS2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Phenthoate (2597-03-7), CE=20±0</p> 
217	伏杀硫磷	<p>Std4 - Phosalone (Standard) 367.9841...ry-20200604.wiff2), (sample Index: 5) Area: 3.147e4, Height: 7.120e3, RT: 21.73 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.713 to 21.745 min ● [C12H15ClNO4PS2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Phosalone (2310-17-0), CE=35±15</p> 
218	硫环磷	<p>Std4 - Phosfolan (Standard) 256.0125...ry-20200604.wiff2), (sample Index: 5) Area: 9.337e5, Height: 1.145e5, RT: 9.17 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.109 to 9.142 min ● [C7H14NO3PS2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Phosfolan (347-02-4), CE=35±15</p> 
219	甲基硫环磷	<p>Std4 - Phosfolan-Methyl (Standard) 227...ry-20200604.wiff2), (sample Index: 5) Area: 5.050e5, Height: 5.582e4, RT: 5.98 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.938 to 5.971 min ● [C5H10NO3PS2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Phosfolan-Methyl, CE=35±15</p> 

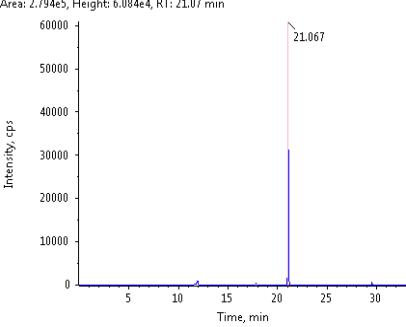
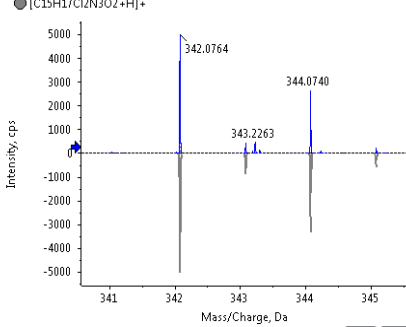
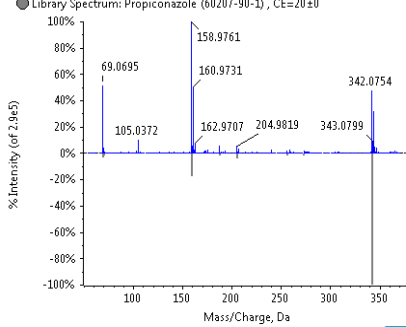
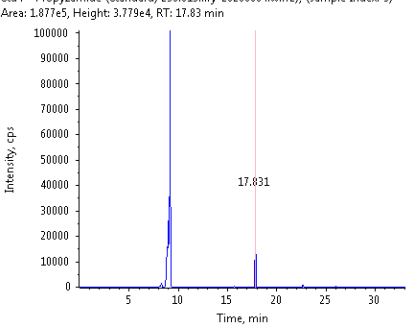
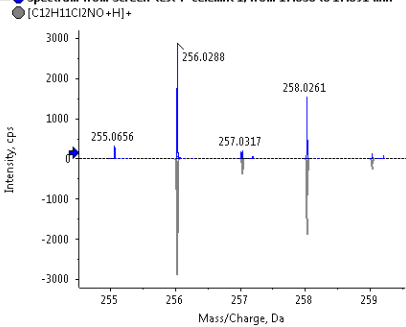
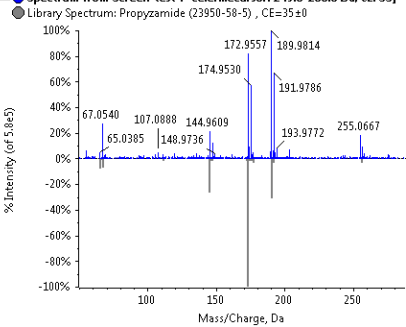
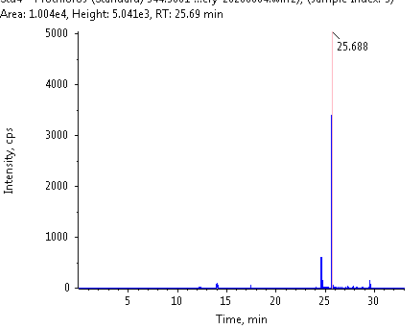
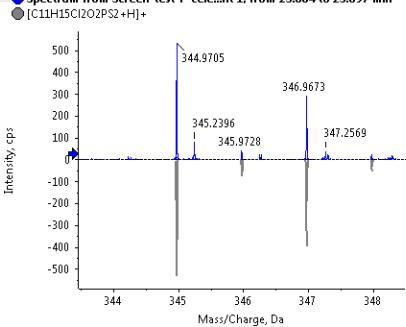
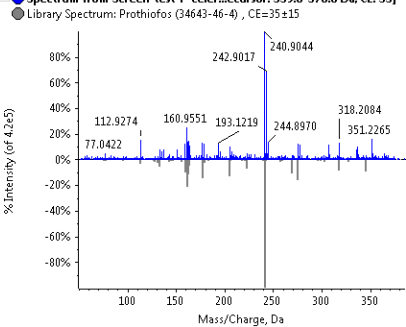
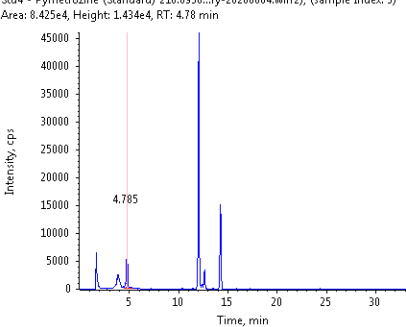
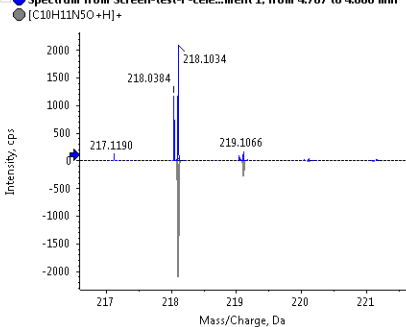
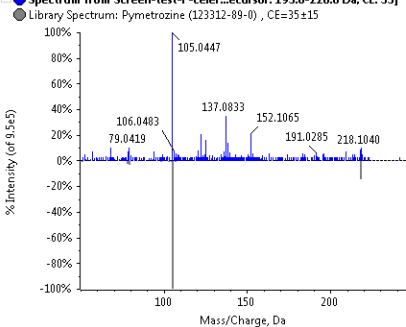
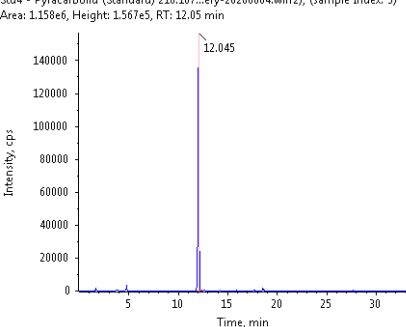
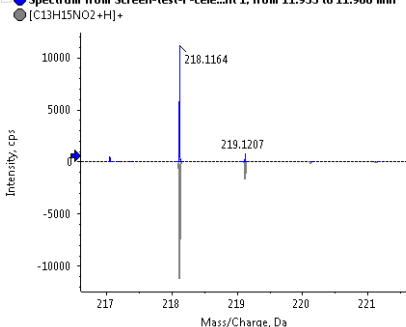
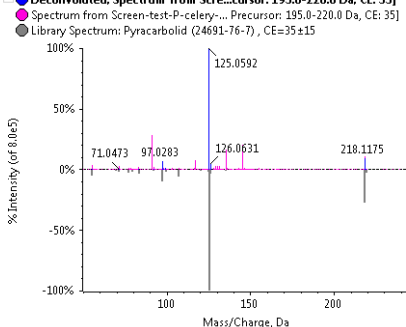
序号	化合物	一级图谱	二级图谱
220	磷胺	<p>Std4 - Phosphamidon (Standard) 300.06...y-20200604.wiff2), (sample Index: 5) Area: 6.497e5, Height: 8.432e4, RT: 10.21 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 10.232 to 10.264 min ● [C10H19ClNO5P+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Phosphamidon (13171-21-6), CE=35±15</p> 
221	辛硫磷	<p>Std4 - Phoxim (Standard) 299.0514 - 29...y-20200604.wiff2), (sample Index: 5) Area: 1.025e5, Height: 2.318e4, RT: 21.45 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.469 to 21.501 min ● [C12H15N2O3PS+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Phoxim (14816-18-3), CE=50±0</p> 
222	氟吡草胺	<p>Std4 - Picolnafen (Standard) 377.0808...ery-20200604.wiff2), (sample Index: 5) Area: 3.624e5, Height: 1.413e5, RT: 23.62 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 23.615 to 23.648 min ● [C19H12F4N2O2+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 369.0-400.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Picolnafen (137641-05-5), CE=35±15</p> 
223	啉氧菌酯	<p>Std4 - Picoxystrobin (Standard) 368.10...ery-20200604.wiff2), (sample Index: 5) Area: 5.688e3, Height: 1.274e3, RT: 20.06 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.038 to 20.070 min ● [C18H16F3NO4+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Picoxystrobin (117428-22-5), CE=35±15</p> 
224	唑啉草酯	<p>Std4 - Pinoxaden (Standard) 401.2335...ery-20200604.wiff2), (sample Index: 5) Area: 9.910e5, Height: 1.780e5, RT: 21.86 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.794 to 21.826 min ● [C23H32N2O4+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 399.0-440.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Pinoxaden, CE=35±15</p> 

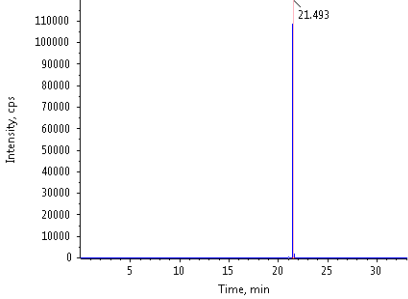
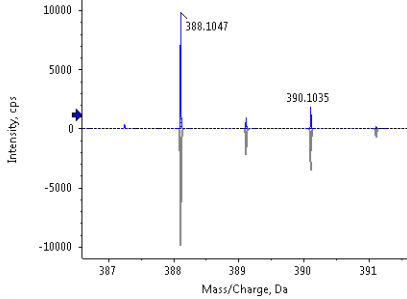
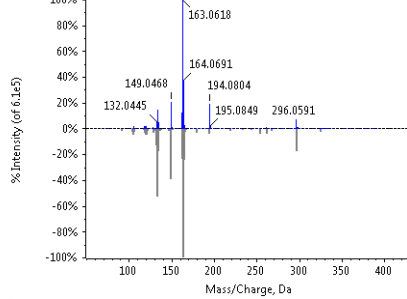
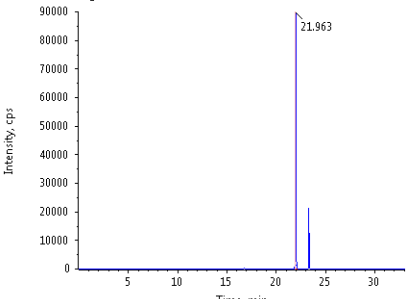
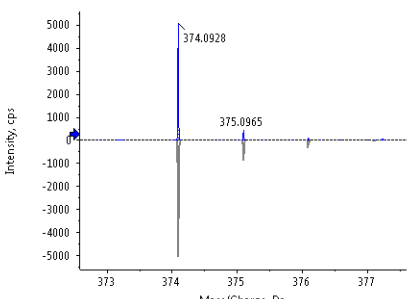
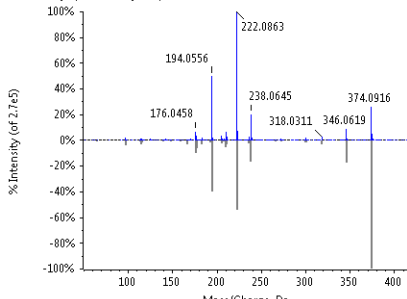
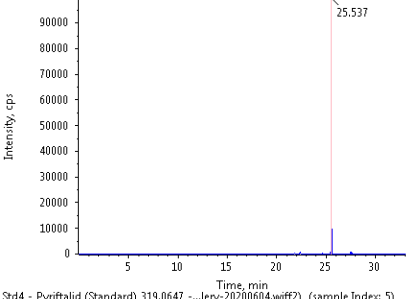
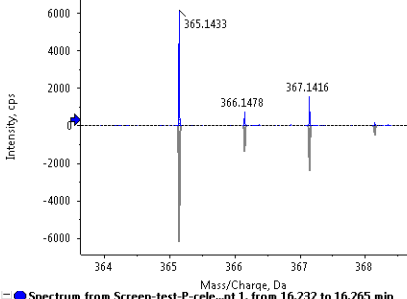
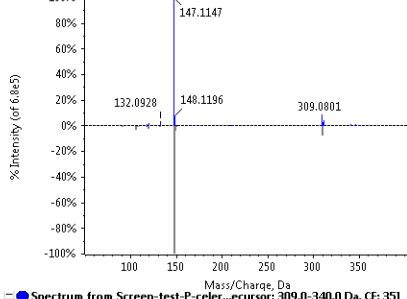
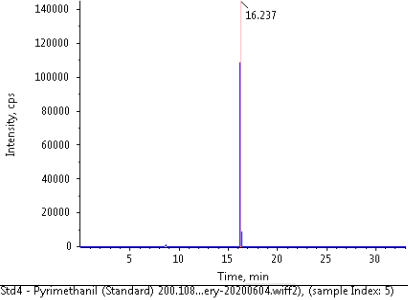
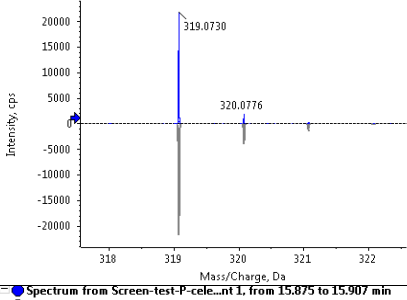
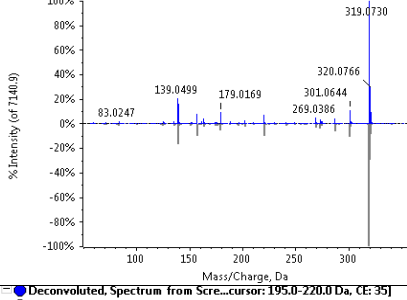
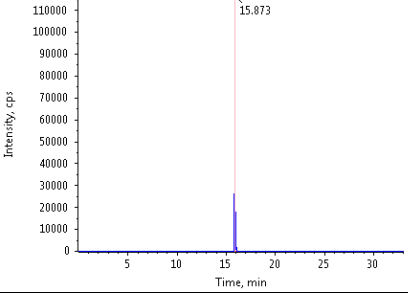
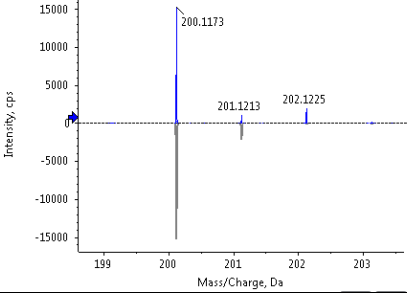
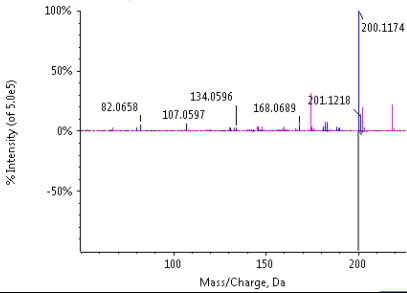
序号	化合物	一级图谱	二级图谱	
225	哌草磷	<p>Std4 - Piperophos (Standard) 354.1221...ry-20200604.wiff(2), (sample Index: 5) Area: 1.326e6, Height: 2.680e5, RT: 22.67 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.705 to 22.737 min ● [C14H28NO3PS2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Piperophos (24151-93-7), CE=35±15</p> 
226	抗蚜威	<p>Std4 - Pirimicarb (Standard) 239.1403...ry-20200604.wiff(2), (sample Index: 5) Area: 1.361e6, Height: 2.705e5, RT: 11.24 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.191 to 11.224 min ● [C11H18N4O2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Pirimicarb (23103-98-2), CE=35±15</p> 
227	去甲基抗蚜威	<p>Std4 - Pirimicarb-desmethyl (Standard)...ry-20200604.wiff(2), (sample Index: 5) Area: 1.228e6, Height: 1.006e5, RT: 7.06 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.125 to 7.158 min ● [C10H16N4O2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Desmethyl-pirimicarb (30614-22-3), CE=50±0</p> 
228	去甲基-甲酰氨基-抗蚜威	<p>Std4 - Pirimicarb-desmethyl-formamido...ry-20200604.wiff(2), (sample Index: 5) Area: 3.887e5, Height: 3.612e4, RT: 11.45 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.435 to 11.467 min ● [C11H16N4O3+H]<sup>+</sup></p> 	<p>● Deconvoluted, Spectrum from Scre...ecursor: 249.0-280.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Desmethyl-forma...pirimicarb (59333-83-4), CE=35±0</p> 
229	嘧啶磷	<p>Std4 - Pirimiphos-ethyl (Standard) 334...ry-20200604.wiff(2), (sample Index: 5) Area: 3.947e5, Height: 2.022e5, RT: 23.81 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 23.794 to 23.827 min ● [C13H24N3O3PS+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Pirimiphos-ethyl (23505-41-1), CE=35±15</p> 

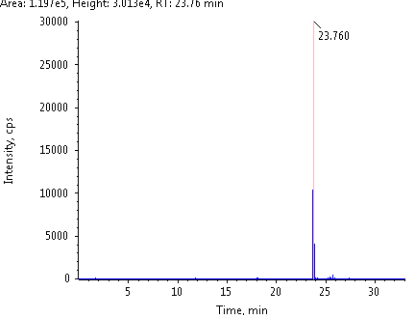
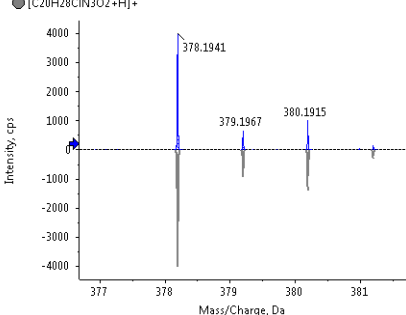
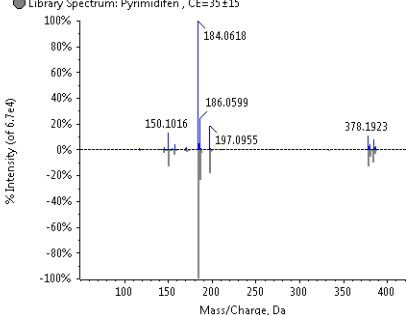
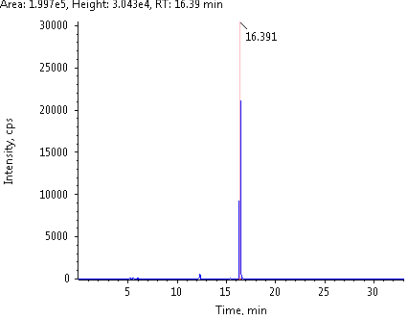
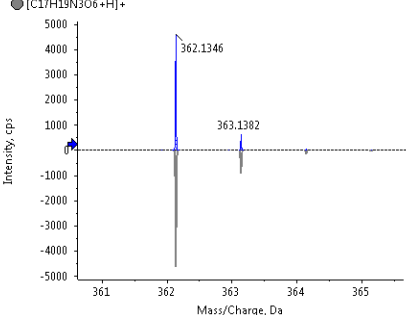
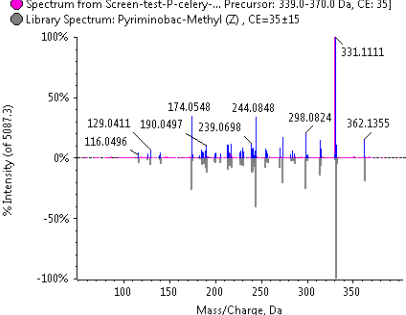
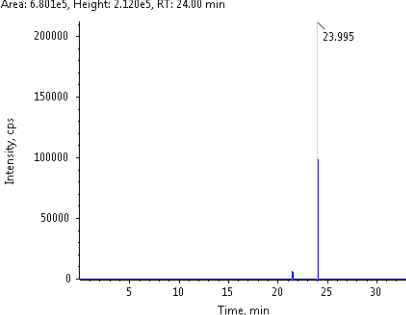
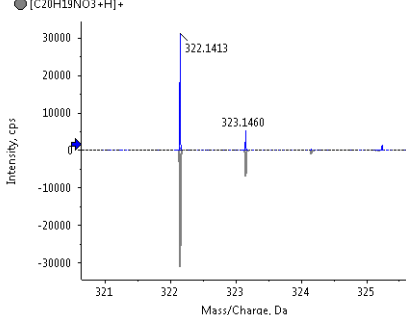
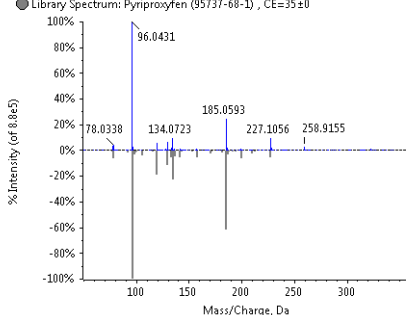
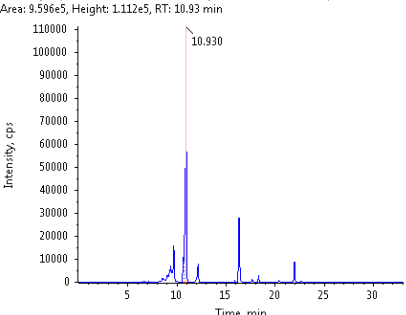
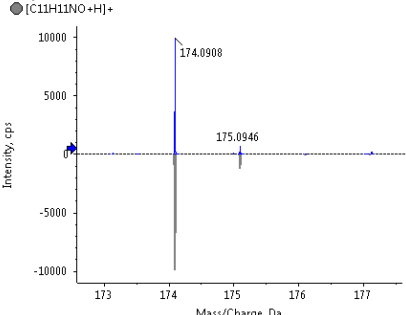
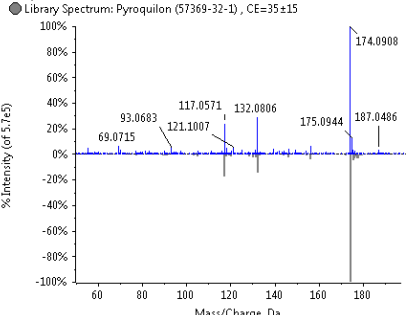
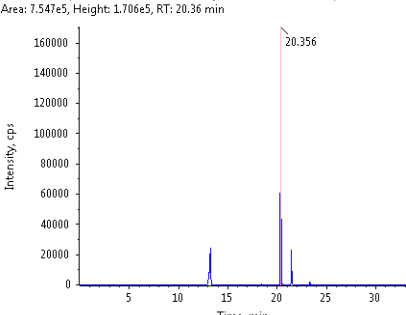
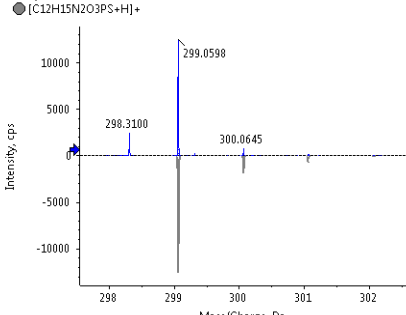
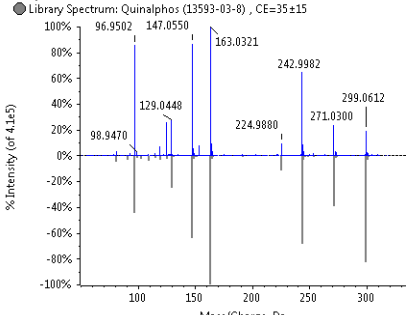
序号	化合物	一级图谱	二级图谱
230	甲基嘧啶磷	Std4 - Pirimiphos-methyl (Standard) 30...ry-20200604.wiff2), (sample Index: 5) Area: 1.142e6, Height: 2.591e5, RT: 21.69 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.713 to 21.745 min ● [C11H20N3O3PS+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE=35] ● Library Spectrum: Pirimiphos-methyl (29232-93-7), CE=35±15</p> 
231	丙草胺	Std4 - Pretilachlor (Standard) 312.1625...ry-20200604.wiff2), (sample Index: 5) Area: 4.504e5, Height: 4.794e4, RT: 23.02 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.981 to 23.014 min ● [C17H26ClNO2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE=35] ● Library Spectrum: Pretilachlor, CE=35±15</p> 
232	咪鲜胺	Std4 - Prochloraz (Standard) 376.0281...ry-20200604.wiff2), (sample Index: 5) Area: 5.304e4, Height: 1.154e4, RT: 21.32 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.306 to 21.339 min ● [C15H16Cl3N3O2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE=35] ● Library Spectrum: Prochloraz (67747-09-5), CE=35±15</p> 
233	扑草净	Std4 - Prometryne (Standard) 242.1334...ry-20200604.wiff2), (sample Index: 5) Area: 1.399e6, Height: 2.160e5, RT: 17.74 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.663 to 17.696 min ● [C10H19N5S+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE=35] ● Library Spectrum: Prometryne (7287-19-6), CE=35±15</p> 
234	毒草胺	Std4 - Propachlor (Standard) 212.0737...ry-20200604.wiff2), (sample Index: 5) Area: 4.574e5, Height: 8.802e4, RT: 14.62 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.655 to 14.687 min ● [C11H14ClNO+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE=35] ● Library Spectrum: Propachlor (1918-16-7), CE=20±0</p> 

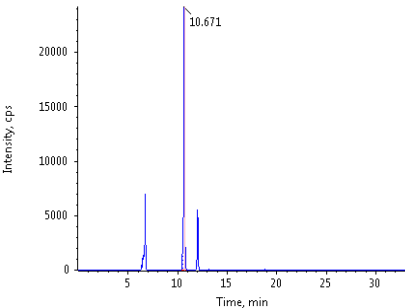
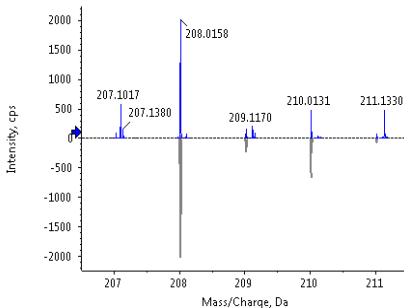
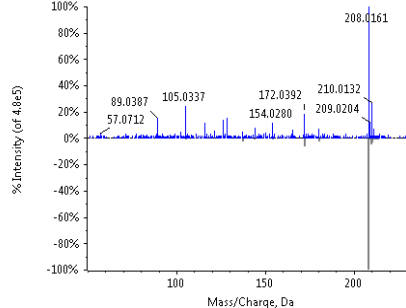
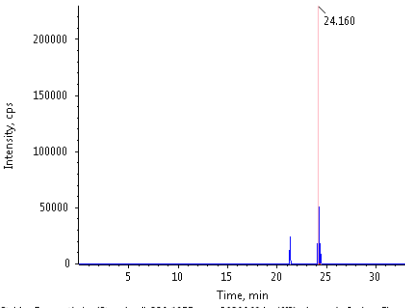
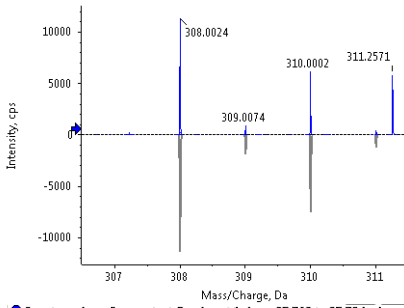
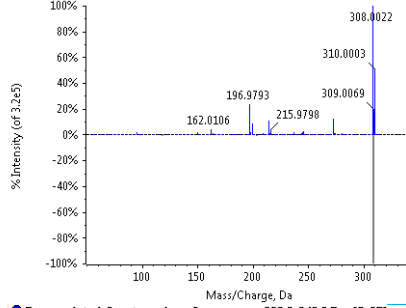
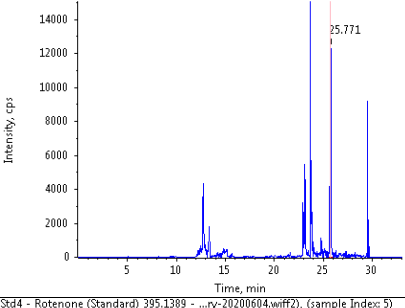
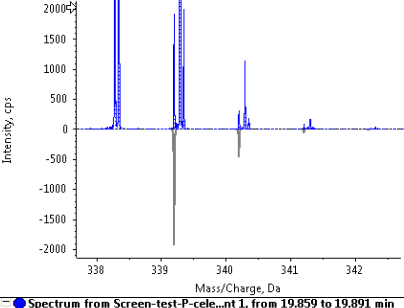
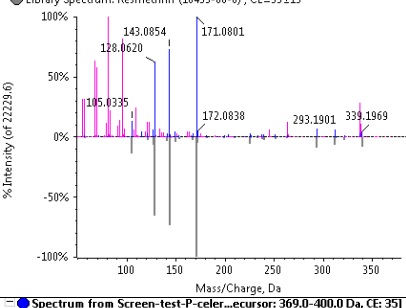
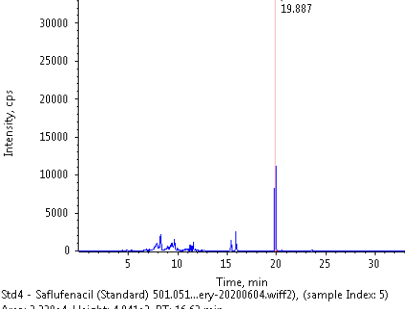
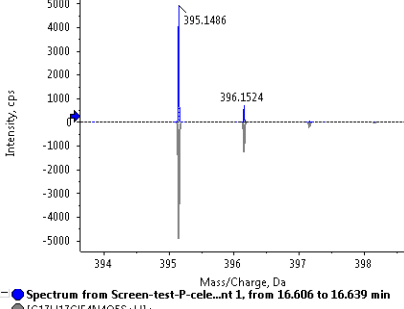
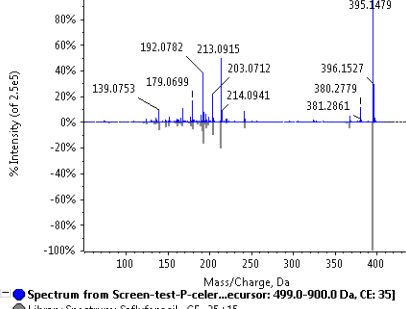
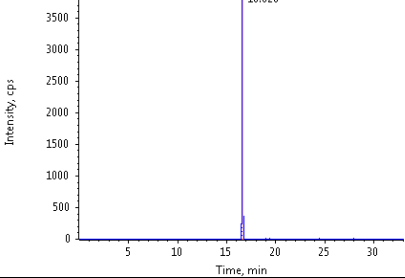
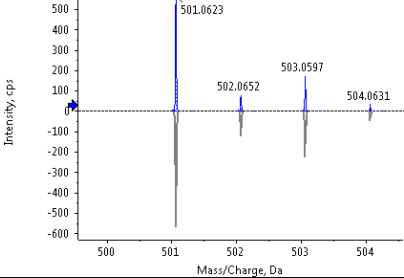
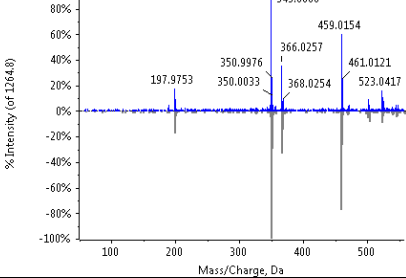
序号	化合物	一级图谱	二级图谱
235	霜霉威	Std4 - Propamocarb (Standard) 189.149...ry-20200604.wiff2), (sample Index: 5) Area: 2.452e5, Height: 4.652e4, RT: 4.76 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 4.702 to 4.735 min ● [C9H20N2O2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...recursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Propamocarb (24579-73-5), CE=35±15</p> 
236	敌稗	Std4 - Propanil (Standard) 218.0034 - ...ry-20200604.wiff2), (sample Index: 5) Area: 1.491e5, Height: 2.304e4, RT: 16.66 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.590 to 16.623 min ● [C9H9Cl2NO+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...recursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Propanil (709-98-8), CE=35±15</p> 
237	丙虫磷	Std4 - Propaphos (Standard) 305.0871 - ...ry-20200604.wiff2), (sample Index: 5) Area: 2.184e5, Height: 5.258e4, RT: 20.75 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.769 to 20.802 min ● [C13H21O4PS+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...recursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: propaphos, CE=35±15</p> 
238	扑灭津	Std4 - Propazine (Standard) 230.1067 - ...ry-20200604.wiff2), (sample Index: 5) Area: 7.263e5, Height: 1.280e5, RT: 16.78 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.818 to 16.850 min ● [C9H16ClN5+H]<sup>+</sup></p>  <p>● Deconvoluted Spectrum from Screen-test-P-celer...recursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Propazine (139-40-2), CE=20±0</p> 

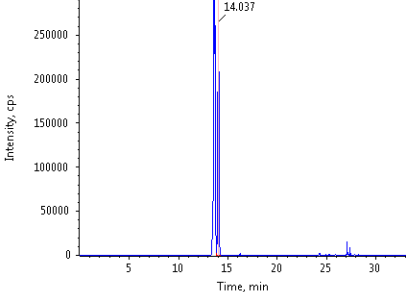
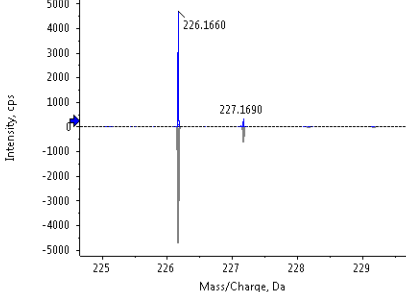
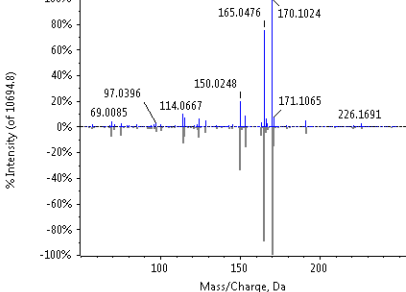
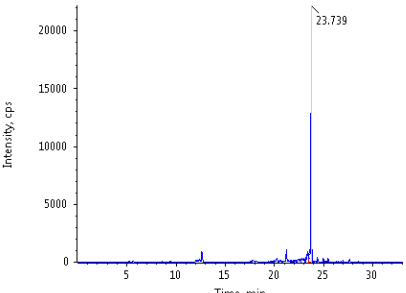
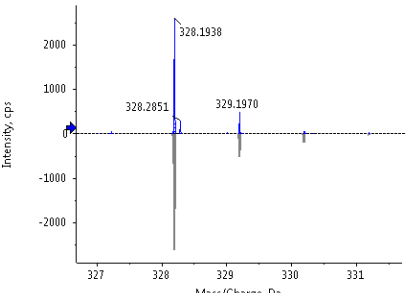
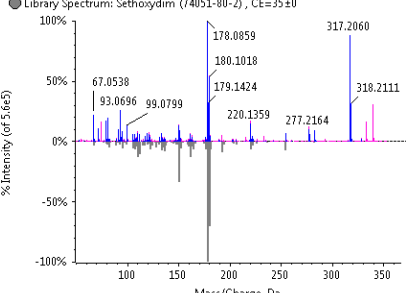
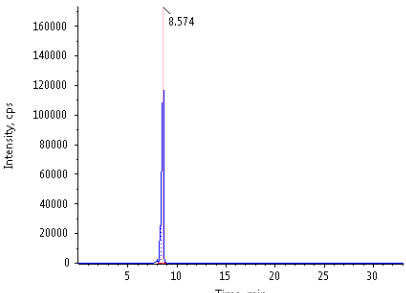
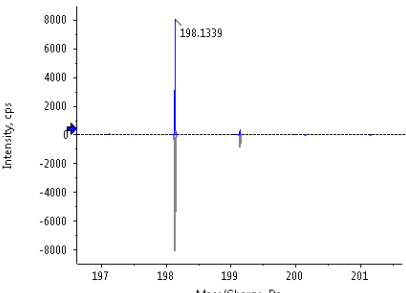
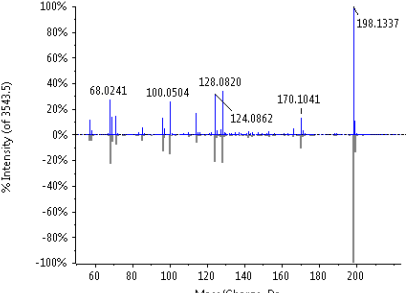
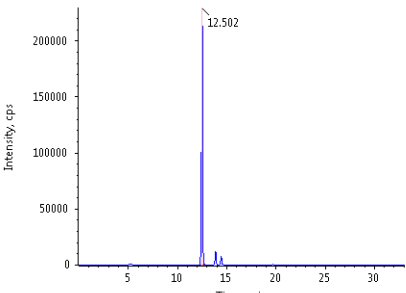
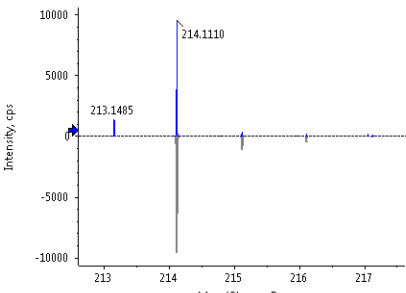
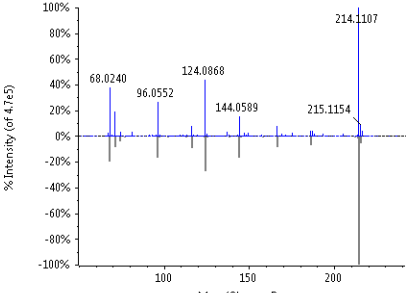
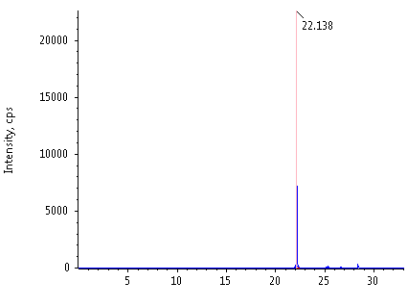
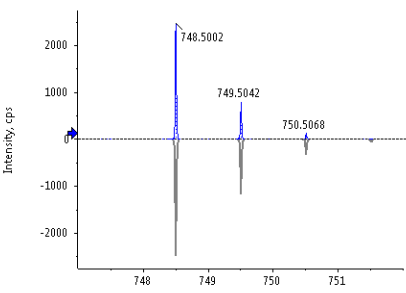
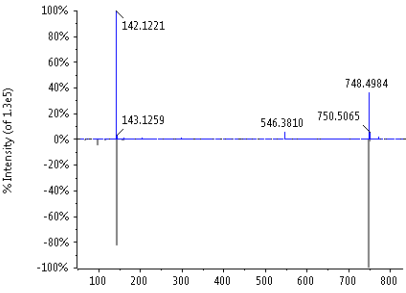


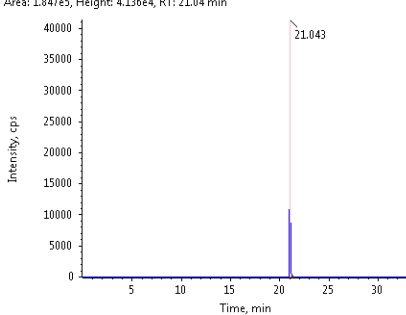
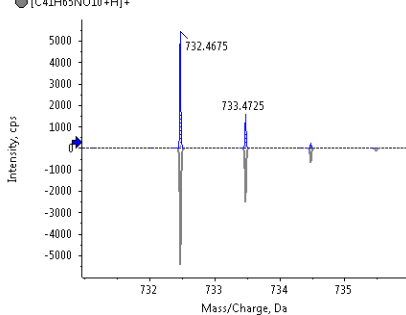
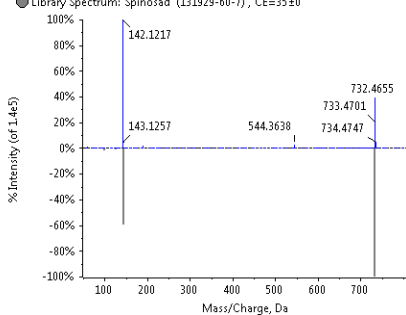
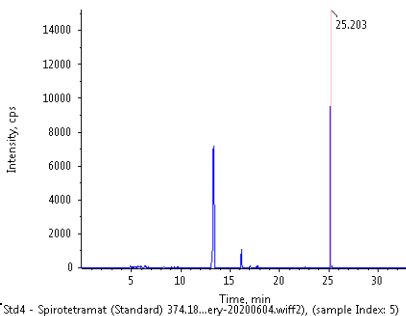
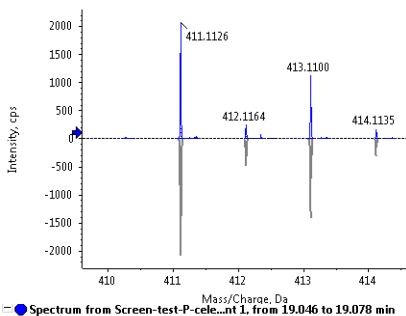
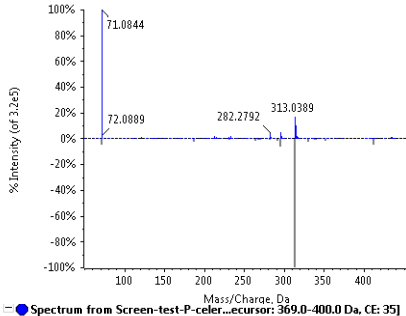
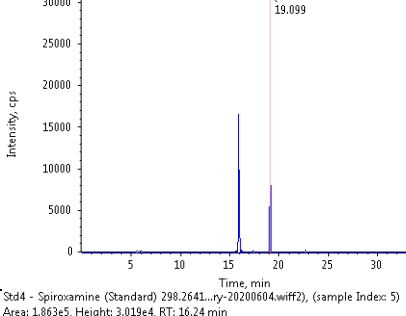
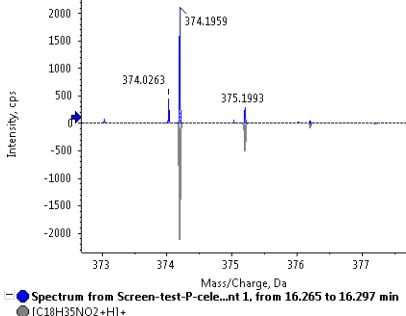
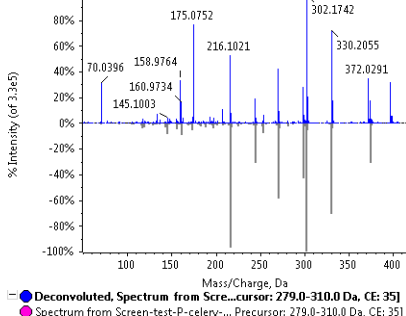
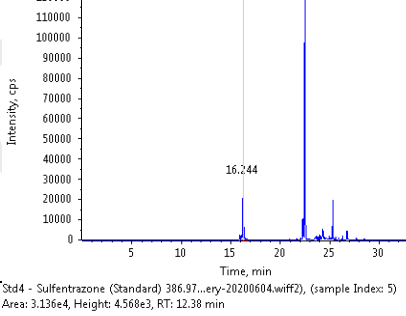
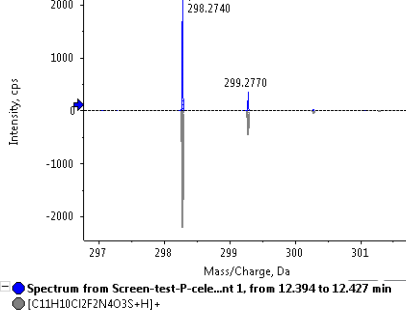
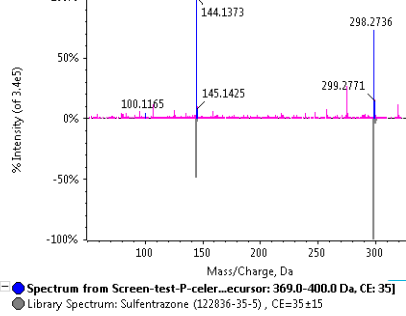
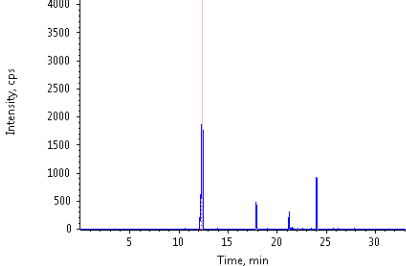
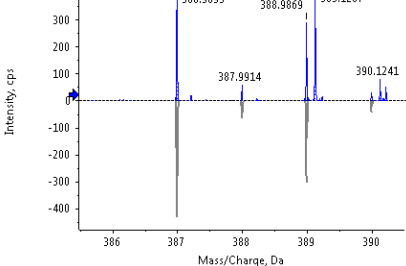
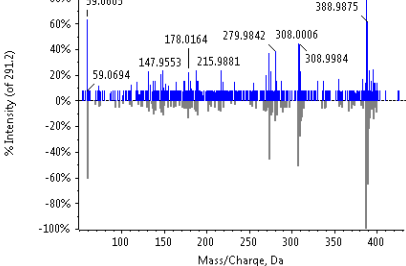
序号	化合物	一级图谱	二级图谱
239	丙环唑	Std4 - Propiconazole (Standard) 342.06...ry-20200604.wiff2), (sample Index: 5) Area: 2.794e5, Height: 6.084e4, RT: 21.07 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.095 to 21.127 min ● [C15H17Cl2N3O2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Propiconazole (60207-90-1), CE=20±0</p> 
240	炔苯酞草胺	Std4 - Propyzamide (Standard) 256.019...ry-20200604.wiff2), (sample Index: 5) Area: 1.877e5, Height: 3.779e4, RT: 17.83 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 17.858 to 17.891 min ● [C12H11Cl2NO+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Propyzamide (23950-58-5), CE=35±0</p> 
241	丙硫磷	Std4 - Prothiofos (Standard) 344.9601...ry-20200604.wiff2), (sample Index: 5) Area: 1.004e4, Height: 5.041e3, RT: 25.69 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 25.664 to 25.697 min ● [C11H15ClO2PS2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Prothiofos (34643-46-4), CE=35±15</p> 
242	吡蚜酮	Std4 - Pymetrozine (Standard) 218.0936...ry-20200604.wiff2), (sample Index: 5) Area: 8.425e4, Height: 1.434e4, RT: 4.78 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 4.767 to 4.800 min ● [C10H11N5O+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Pymetrozine (123312-89-0), CE=35±15</p> 
243	吡喃灵	Std4 - Pyracarbolid (Standard) 218.107...ry-20200604.wiff2), (sample Index: 5) Area: 1.158e6, Height: 1.567e5, RT: 12.05 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.955 to 11.988 min ● [C13H15NO2+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 195.0-220.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Pyracarbolid (24691-76-7), CE=35±15</p> 

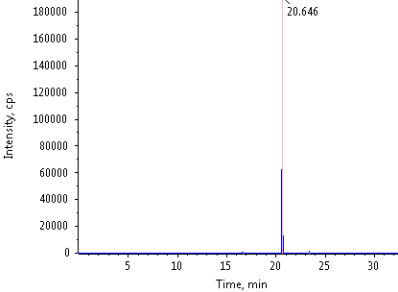
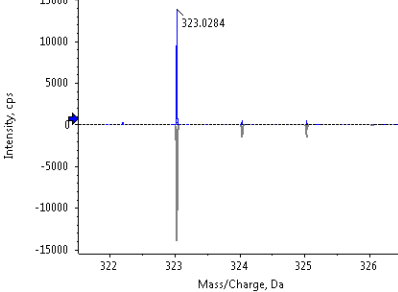
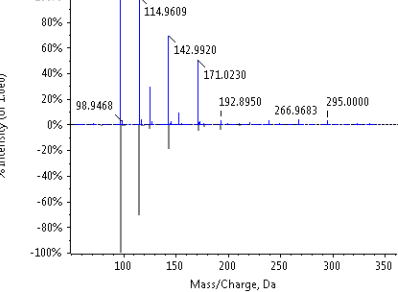
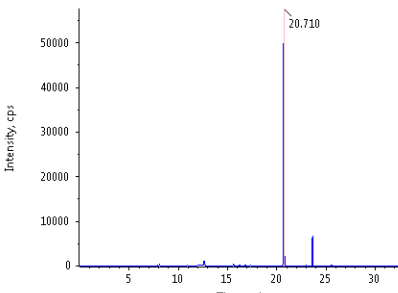
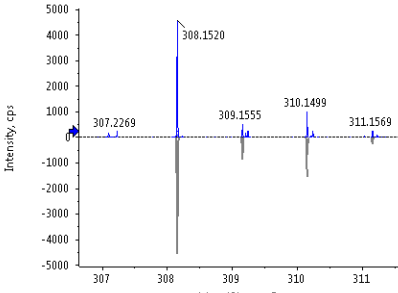
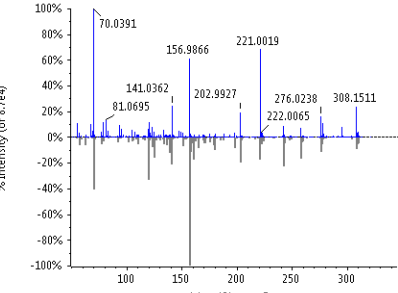
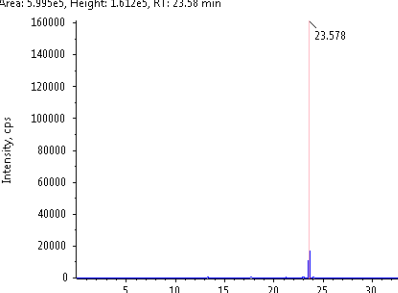
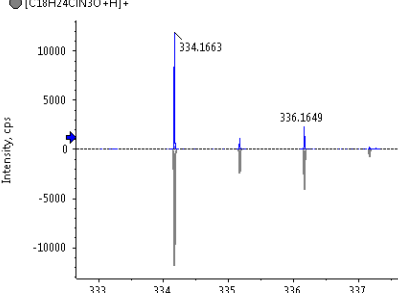
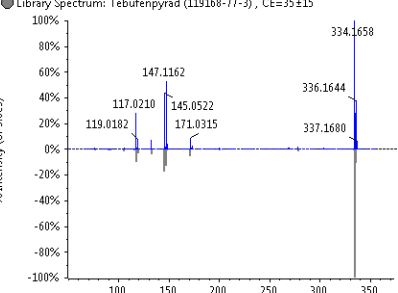
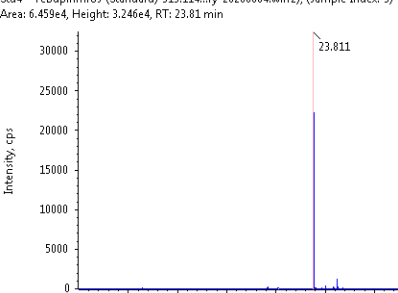
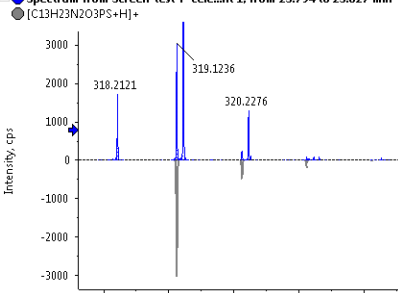
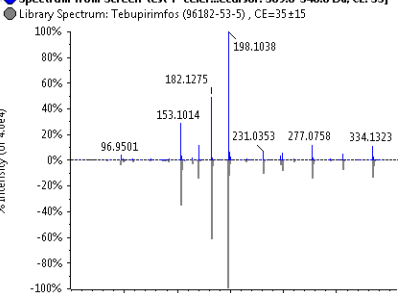
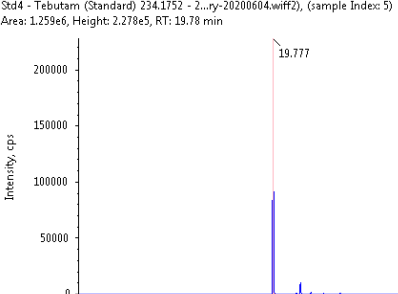
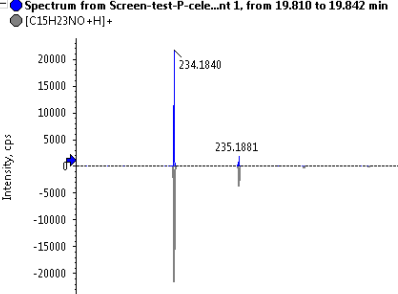
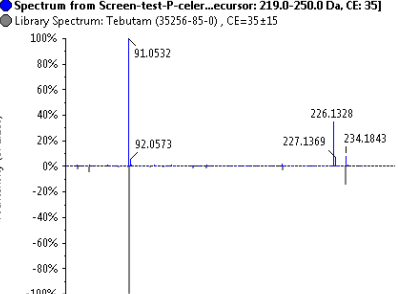
序号	化合物	一级图谱	二级图谱	
244	吡唑醚菌酯	<p>Std4 - Pyraclostrobin (Standard) 388.0...ry-20200604.wiff2), (sample Index: 5) Area: 5.123e5, Height: 1.198e5, RT: 21.49 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.517 to 21.550 min ● [C19H18ClN3O4+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Pyraclostrobin (175013-18-0), CE=35±8</p> 
245	吡菌磷	<p>Std4 - Pyrazophos (Standard) 374.0834...ry-20200604.wiff2), (sample Index: 5) Area: 3.979e5, Height: 9.002e4, RT: 21.96 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.005 to 22.038 min ● [C14H20N3O5PS+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Pyrazophos (13457-18-6), CE=35±15</p> 
246	哒螨灵	<p>Std4 - Pyridaben (Standard) 365.1349...ry-20200604.wiff2), (sample Index: 5) Area: 2.278e5, Height: 9.980e4, RT: 25.54 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 25.502 to 25.534 min ● [C19H25ClN2OS+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Pyridaben (96489-71-3), CE=35±8</p> 
247	环酯草醚	<p>Std4 - Pyrifalid (Standard) 319.0647...ry-20200604.wiff2), (sample Index: 5) Area: 5.663e5, Height: 1.449e5, RT: 16.24 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.232 to 16.265 min ● [C15H14N2O4S+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Pyrifalid, CE=35±15</p> 
248	啉霉胺	<p>Std4 - Pyrimethanil (Standard) 200.108...ry-20200604.wiff2), (sample Index: 5) Area: 4.437e5, Height: 1.167e5, RT: 15.87 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.875 to 15.907 min ● [C12H13N3+H]<sup>+</sup></p> 	<p>● Deconvoluted Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...Precursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Pyrimethanil (53112-28-0), CE=20±8</p> 

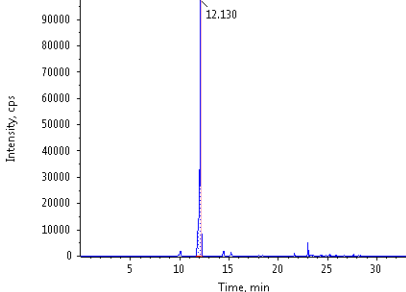
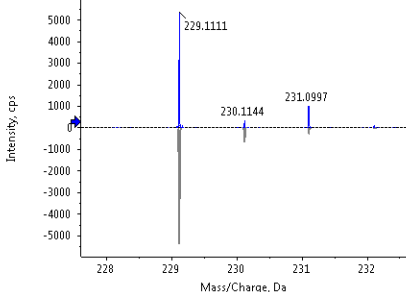
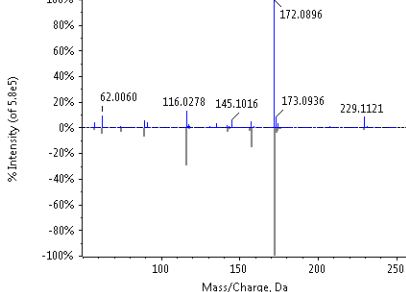
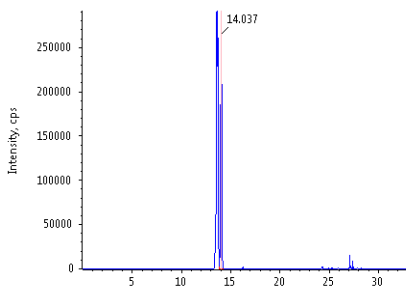
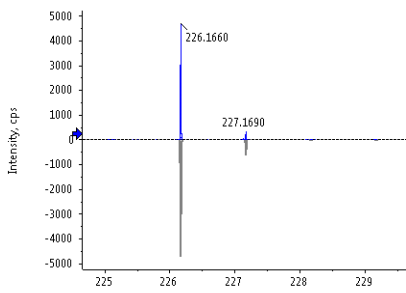
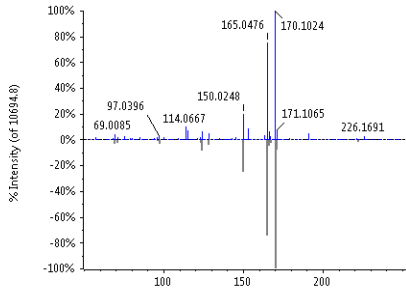
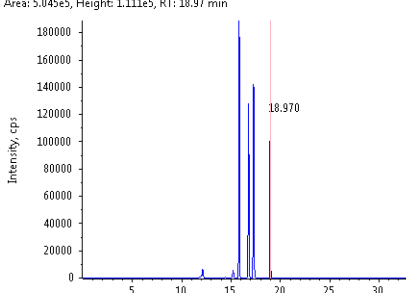
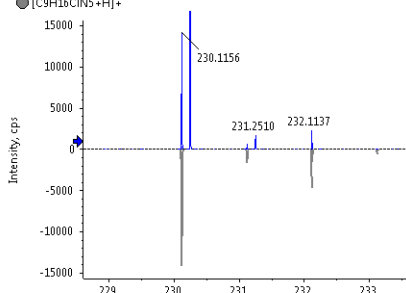
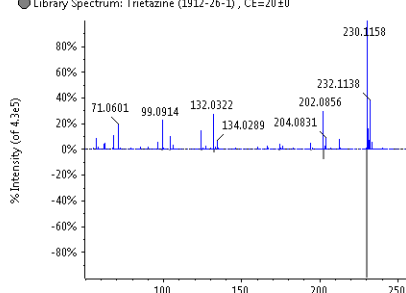
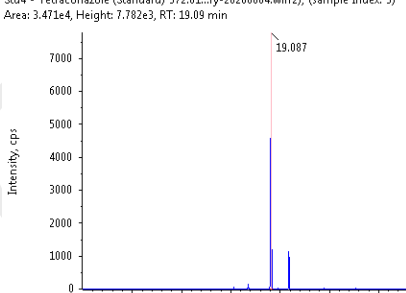
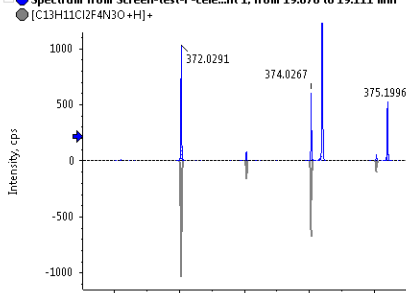
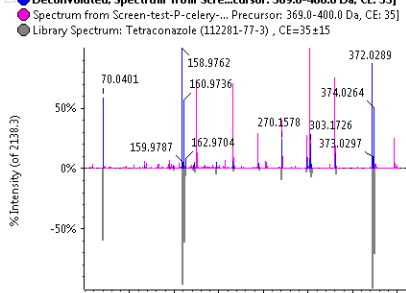
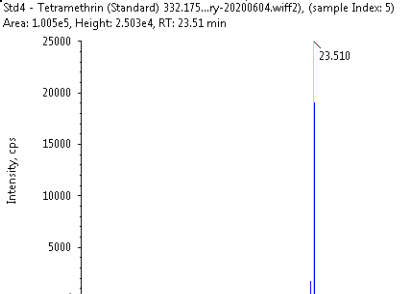
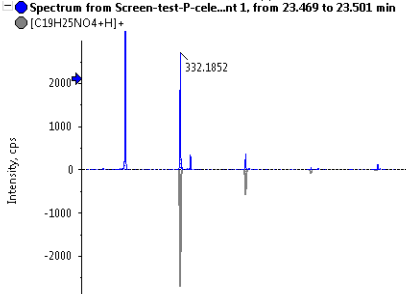
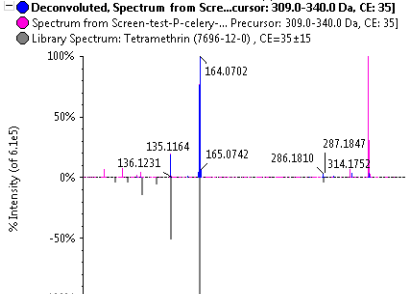
序号	化合物	一级图谱	二级图谱
249	嘧啶醚	Std4 - Pyrimidifen (Standard) 378.1843...ry-20200604.wiff2), (sample Index: 5) Area: 1.197e5, Height: 3.013e4, RT: 23.76 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 23.745 to 23.778 min ● [C20H28ClN3O2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Pyrimidifen, CE=35±15</p> 
250	嘧草醚-Z	Std4 - Pyriminobac-Methyl (Z) (Standar...ry-20200604.wiff2), (sample Index: 5) Area: 1.997e5, Height: 3.043e4, RT: 16.39 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.379 to 16.411 min ● [C17H19N3O6+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Scre...cursor: 339.0-370.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Pyriminobac-Methyl (Z), CE=35±15</p> 
251	吡丙醚	Std4 - Pyriproxyfen (Standard) 322.133...ry-20200604.wiff2), (sample Index: 5) Area: 6.801e5, Height: 2.120e5, RT: 24.00 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 23.989 to 24.022 min ● [C20H19NO3+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Pyriproxyfen (95737-68-1), CE=35±0</p> 
252	咯嗉酮	Std4 - Pyroquilon (Standard) 174.0813...ry-20200604.wiff2), (sample Index: 5) Area: 9.596e5, Height: 1.112e5, RT: 10.93 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 10.963 to 10.996 min ● [C11H11NO+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 80.0-200.0 Da, CE: 35] ● Library Spectrum: Pyroquilon (57389-32-1), CE=35±15</p> 
253	喹硫磷	Std4 - Quinalphos (Standard) 299.0514...ry-20200604.wiff2), (sample Index: 5) Area: 7.547e5, Height: 1.706e5, RT: 20.36 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 20.298 to 20.330 min ● [C12H15N2O3P+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Quinalphos (13593-03-8), CE=35±15</p> 

序号	化合物	一级图谱	二级图谱	
254	灭藻醌	<p>Std4 - Quinoclamine (Standard) 208.001...ry-20200604.wiff2), (sample Index: 5) Area: 1.701e5, Height: 2.416e4, RT: 10.67 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 10.703 to 10.736 min ● [C10H6ClNO2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Quinoclamine (2797-51-5), CE=20±0</p> 
255	喹氧灵	<p>Std4 - Quinoxifen (Standard) 307.9940...ry-20200604.wiff2), (sample Index: 5) Area: 9.228e5, Height: 2.296e5, RT: 24.16 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.201 to 24.233 min ● [C15H8Cl2FNO+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Quinoxifen (124495-18-7), CE=20±0</p> 
256	苜蓿菊酯	<p>Std4 - Resmethrin (Standard) 339.1855...ry-20200604.wiff2), (sample Index: 5) Area: 7.305e4, Height: 1.230e4, RT: 25.77 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 25.762 to 25.794 min ● [C22H26O3+H]<sup>+</sup></p> 	<p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Resmethrin (10453-86-8), CE=35±15</p> 
257	鱼藤酮	<p>Std4 - Rotenone (Standard) 395.1389...ry-20200604.wiff2), (sample Index: 5) Area: 1.628e5, Height: 3.385e4, RT: 19.89 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.859 to 19.891 min ● [C23H22O6+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Rotenone (83-79-4), CE=35±15</p> 
258	苯嘧磺草胺	<p>Std4 - Saflufenacil (Standard) 501.051...ry-20200604.wiff2), (sample Index: 5) Area: 2.228e4, Height: 4.041e3, RT: 16.62 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.606 to 16.639 min ● [C17H17ClF4N4O5S+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 499.0-900.0 Da, CE: 35] ● Library Spectrum: Saflufenacil, CE=35±15</p> 

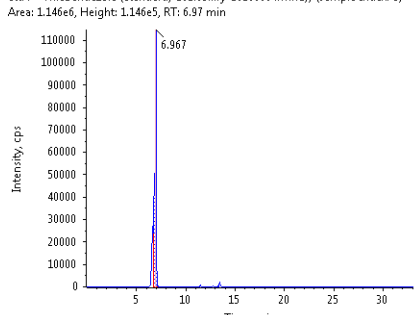
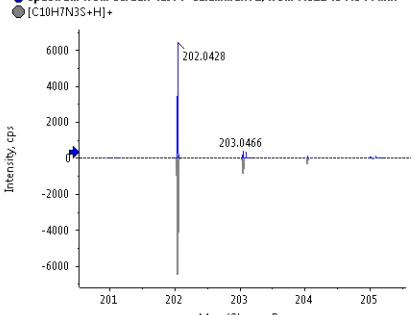
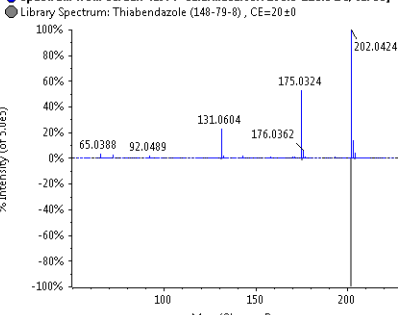
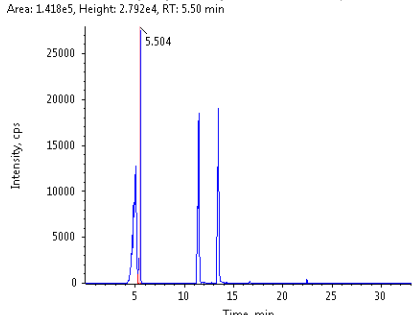
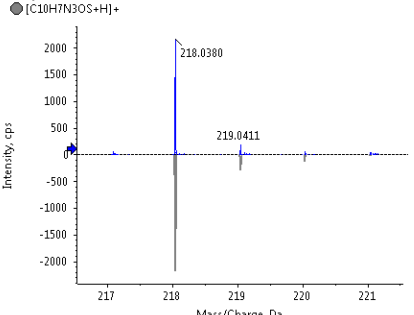
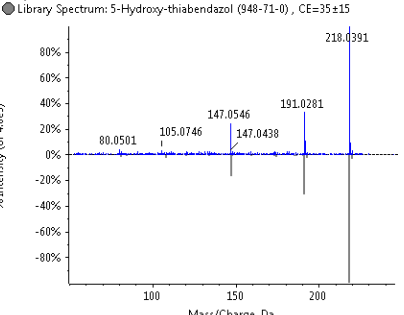
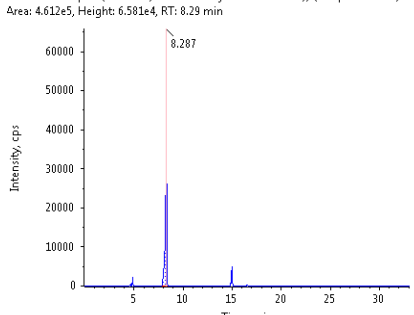
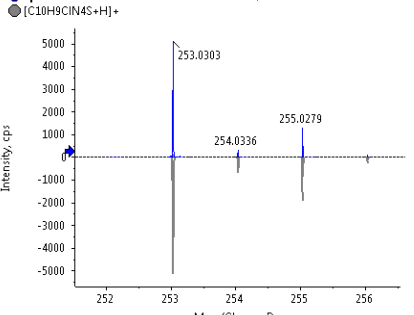
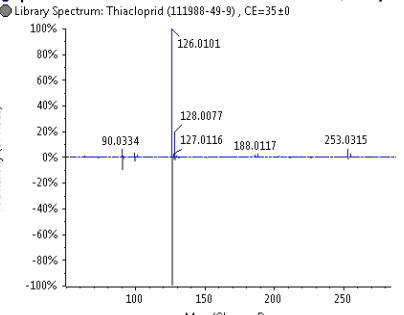
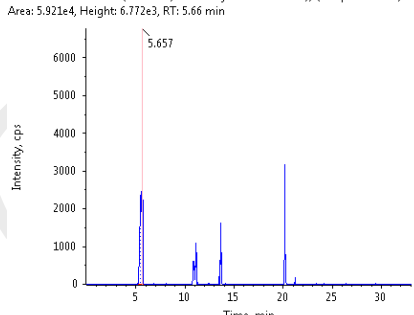
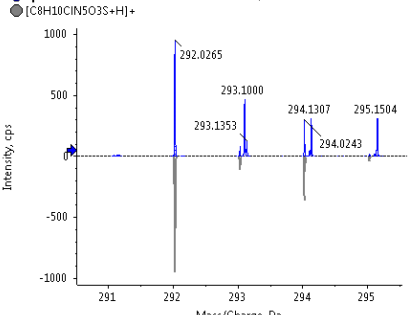
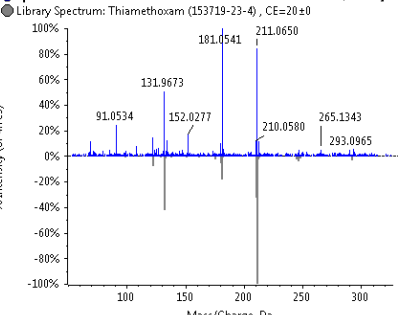
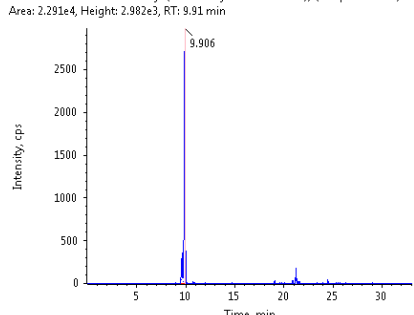
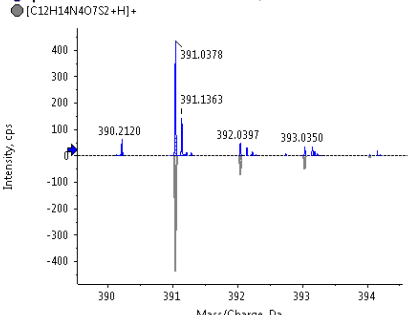
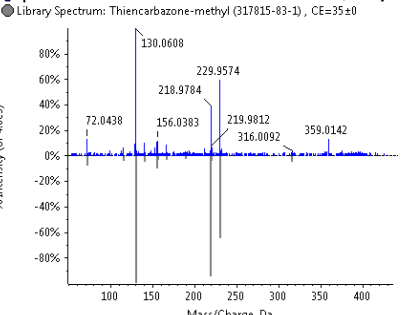
序号	化合物	一级图谱	二级图谱
259	仲丁通	Std4 - Secbuneton (Standard) 226.1562...ry-20200604.wiff2), (sample Index: 5) Area: 2.376e6, Height: 2.649e5, RT: 14.04 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 14.134 to 14.167 min</li> <li>● [C10H19NO5+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]</li> <li>● Library Spectrum: Secbuneton (26259-45-0), CE=35±15</li> </ul>  
260	烯禾啶	Std4 - Sethoxydim (Standard) 328.1841...ry-20200604.wiff2), (sample Index: 5) Area: 9.791e4, Height: 2.217e4, RT: 23.74 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 23.729 to 23.762 min</li> <li>● [C17H29NO3S+H]<sup>+</sup></li> <li>● Deconvoluted, Spectrum from Scre...cursor: 309.0-340.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35]</li> <li>● Library Spectrum: Sethoxydim (74051-80-2), CE=35±0</li> </ul>  
261	西玛通	Std4 - Simeton (Standard) 198.1249...ry-20200604.wiff2), (sample Index: 5) Area: 2.007e6, Height: 1.732e5, RT: 8.57 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ment 1, from 8.654 to 8.687 min</li> <li>● [C8H15N5O+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35]</li> <li>● Library Spectrum: Simeton, CE=35±15</li> </ul>  
262	西草净	Std4 - Simetryn (Standard) 214.1021...ry-20200604.wiff2), (sample Index: 5) Area: 1.907e6, Height: 2.295e5, RT: 12.50 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 12.573 to 12.606 min</li> <li>● [C8H15N5S+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35]</li> <li>● Library Spectrum: Simetryn (1014-70-6), CE=35±15</li> </ul>  
263	乙基多杀菌素	Std4 - Spinetoram (Standard) 748.4894...ry-20200604.wiff2), (sample Index: 5) Area: 7.414e4, Height: 2.258e4, RT: 22.14 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 22.135 to 22.168 min</li> <li>● [C42H69NO10+H]<sup>+</sup></li> <li>● Spectrum from Screen-test-P-celer...cursor: 499.0-900.0 Da, CE: 35]</li> <li>● Library Spectrum: Spinetoram A (187166-40-1), CE=35±15</li> </ul>  

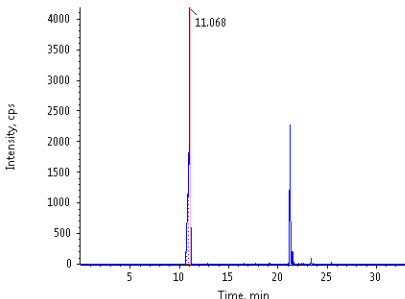
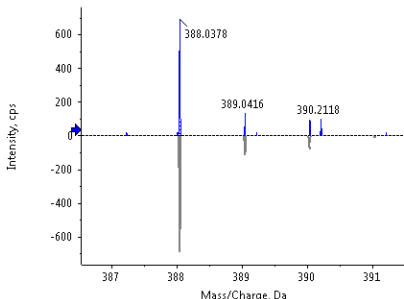
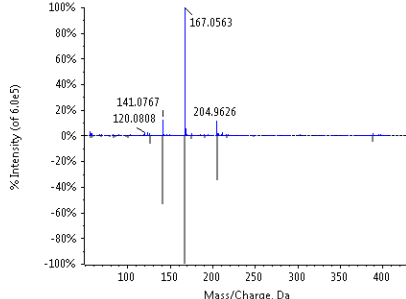
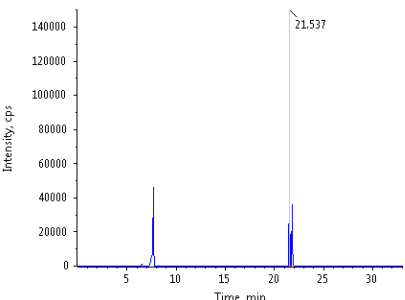
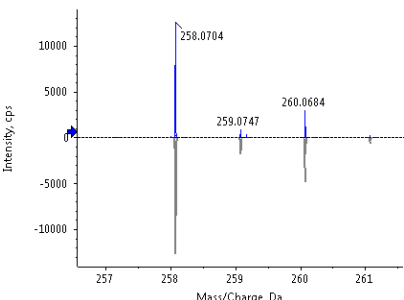
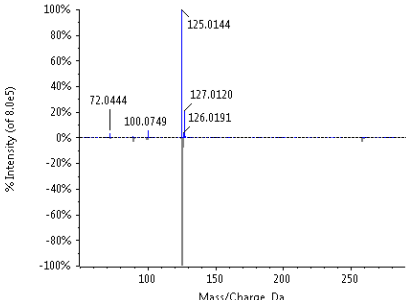
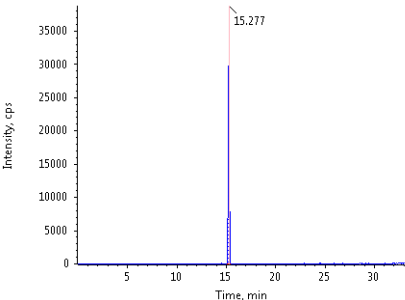
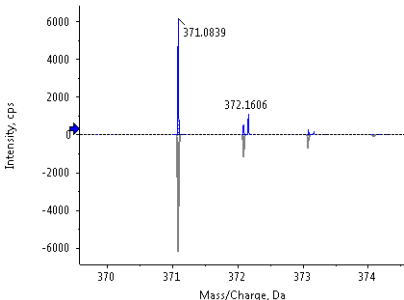
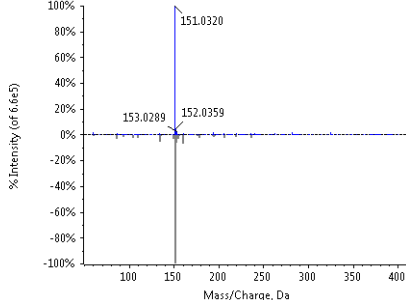
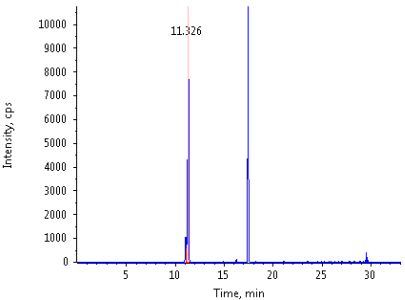
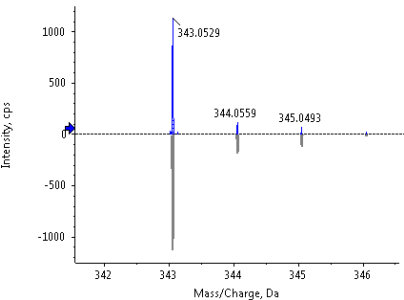
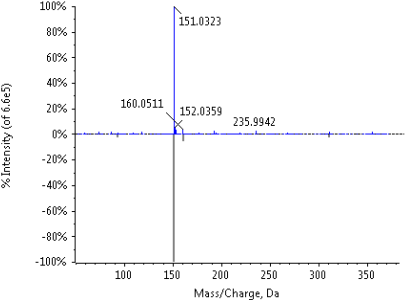
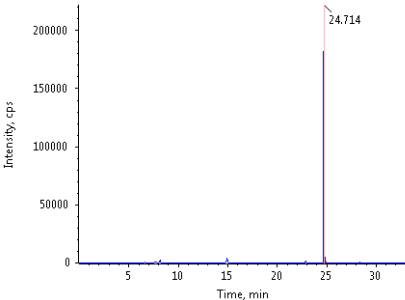
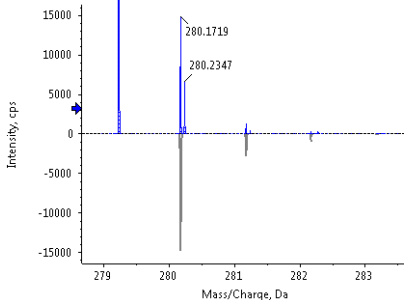
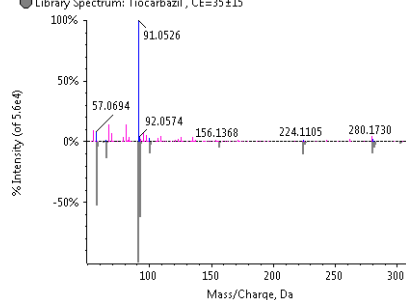
序号	化合物	一级图谱	二级图谱
264	多杀霉素	Std4 - Spinosad (Standard) 732.4581...ery-20200604.wiff2), (sample Index: 5) Area: 1.847e5, Height: 4.136e4, RT: 21.04 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.046 to 21.078 min ● [C41H65NO10+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 499.0-900.0 Da, CE: 35] ● Library Spectrum: Spinosad (131929-60-7), CE=35±0</p> 
265	螺螨酯	Std4 - Spirodiclofen (Standard) 411.10...ery-20200604.wiff2), (sample Index: 5) Area: 4.401e4, Height: 1.521e4, RT: 25.20 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 25.193 to 25.225 min ● [C21H24Cl2O4+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35] ● Library Spectrum: Spirodiclofen (148477-71-8), CE=20±0</p> 
266	螺虫乙酯	Std4 - Spirotetramat (Standard) 374.18...ery-20200604.wiff2), (sample Index: 5) Area: 1.289e5, Height: 3.090e4, RT: 19.10 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 19.046 to 19.078 min ● [C21H27NO5+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Spirotetramat (203313-25-1), CE=35±15</p> 
267	螺环菌胺	Std4 - Spiroxamine (Standard) 298.2641...ery-20200604.wiff2), (sample Index: 5) Area: 1.863e5, Height: 3.019e4, RT: 16.24 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 16.265 to 16.297 min ● [C18H35NO2+H]<sup>+</sup></p>  <p>● Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer...Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Spiroxamine (118134-30-8), CE=20±0</p> 
268	甲磺草胺	Std4 - Sulfentrazone (Standard) 386.97...ery-20200604.wiff2), (sample Index: 5) Area: 3.136e4, Height: 4.568e3, RT: 12.38 min 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 12.394 to 12.427 min ● [C11H10Cl2F2N4O3S+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Sulfentrazone (122836-35-5), CE=35±15</p> 

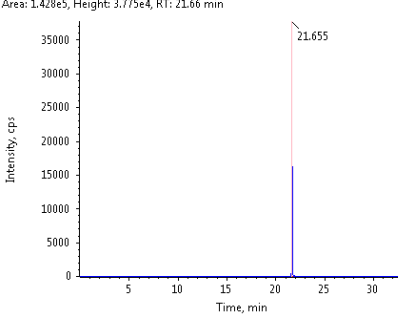
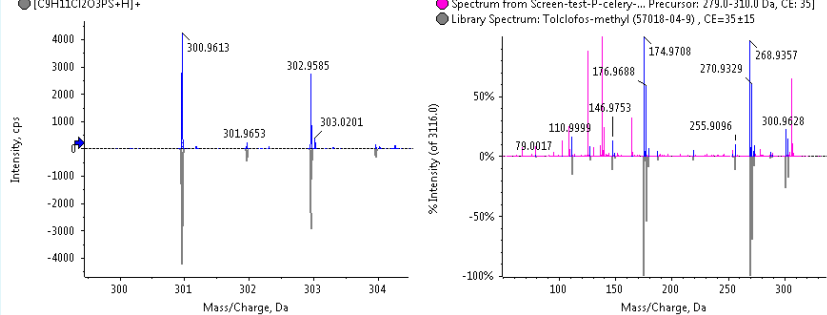
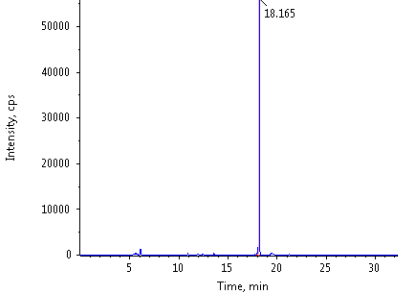
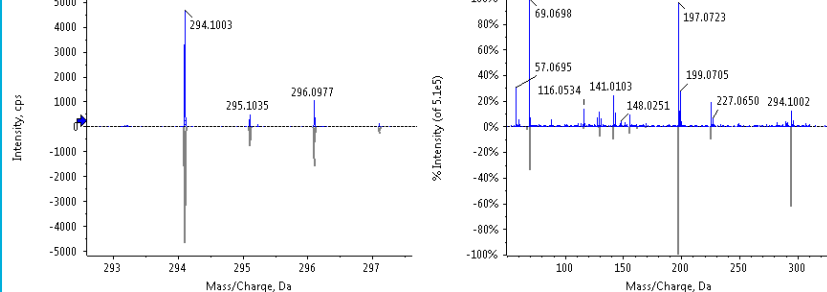
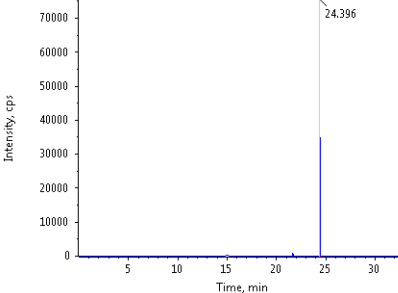
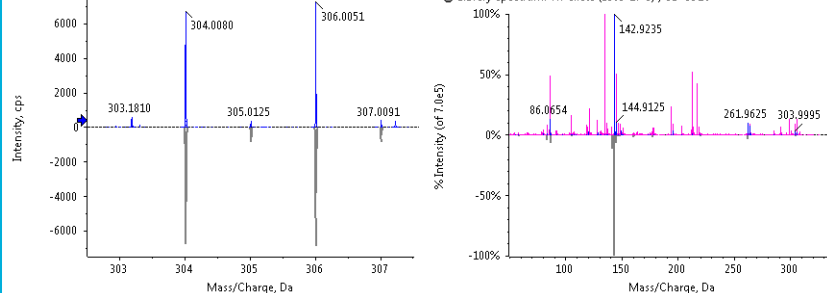
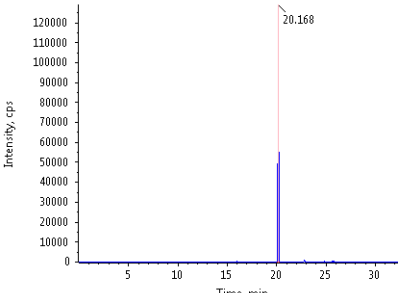
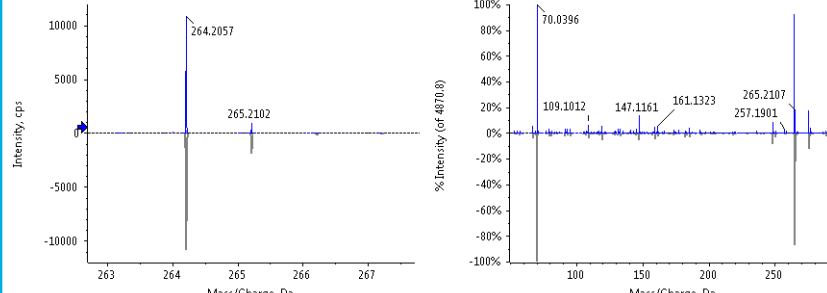
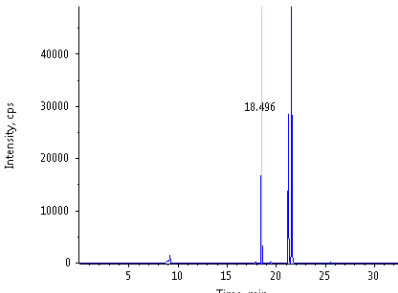
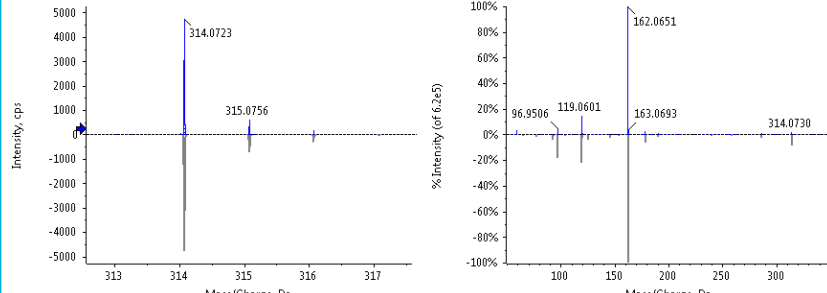
序号	化合物	一级图谱	二级图谱
269	治螟磷	<p>Std4 - Sulfotep (Standard) 323.0200 - ...ry-20200604.wiff2), (sample Index: 5) Area: 7.343e5, Height: 1.914e5, RT: 20.65 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 20.591 to 20.623 min ● [C8H20O5P2S2+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Sulfotep (3689-24-5), CE=35±0</p> 
270	戊唑醇	<p>Std4 - Tebuconazole (Standard) 308.14...ry-20200604.wiff2), (sample Index: 5) Area: 2.786e5, Height: 5.761e4, RT: 20.71 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 20.737 to 20.769 min ● [C16H22ClN3O+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Tebuconazole (107534-96-3), CE=35±15</p> 
271	吡蚜胺	<p>Std4 - Tebufenpyrad (Standard) 334.15...ry-20200604.wiff2), (sample Index: 5) Area: 5.995e5, Height: 1.612e5, RT: 23.58 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 23.599 to 23.632 min ● [C18H24ClN3O+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Tebufenpyrad (119168-77-3), CE=35±15</p> 
272	丁基嘧啶磷	<p>Std4 - Tebupirifos (Standard) 319.114...ry-20200604.wiff2), (sample Index: 5) Area: 6.459e4, Height: 3.246e4, RT: 23.81 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 23.794 to 23.827 min ● [C13H23N2O3PS+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Tebupirifos (96182-53-5), CE=35±15</p> 
273	牧草胺	<p>Std4 - Tebutam (Standard) 234.1752 - 2...ry-20200604.wiff2), (sample Index: 5) Area: 1.259e6, Height: 2.278e5, RT: 19.78 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1. from 19.810 to 19.842 min ● [C15H23NO+H]<sup>+</sup></p>  <p>● Spectrum from Screen-test-P-celer...cursor: 309.0-250.0 Da, CE: 35] ● Library Spectrum: Tebutam (35256-85-0), CE=35±15</p> 

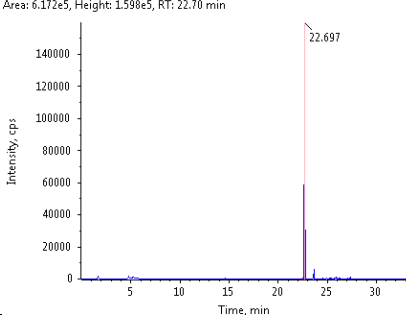
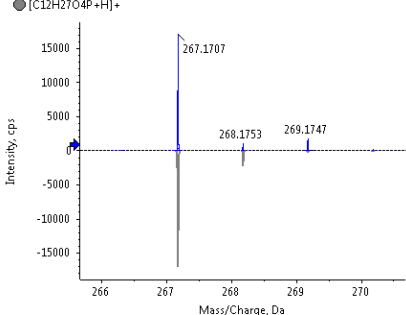
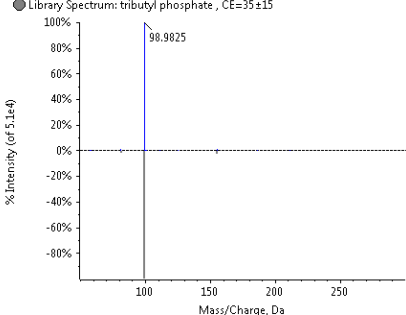
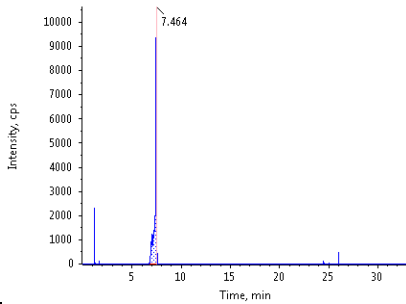
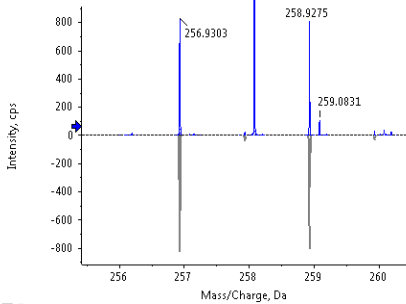
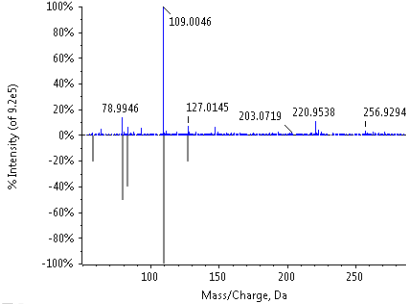
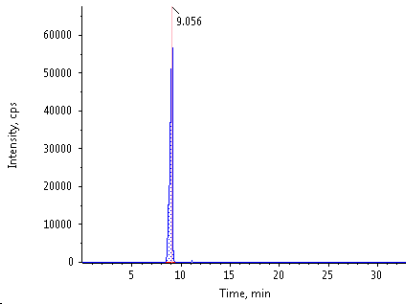
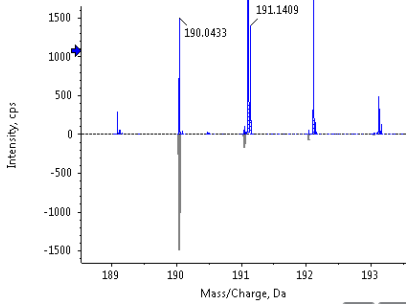
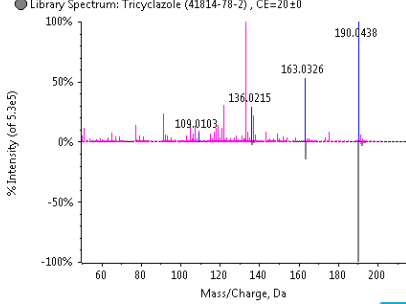
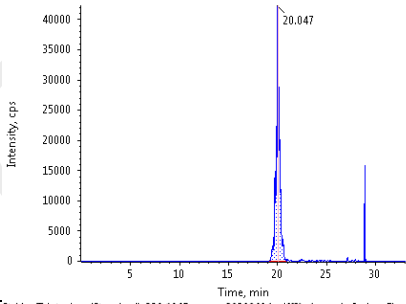
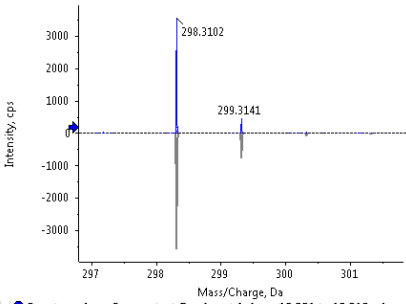
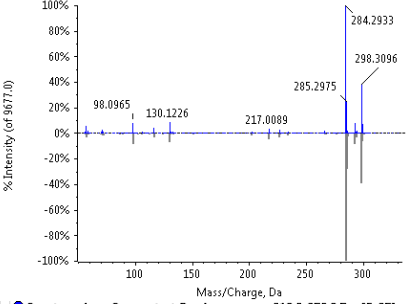
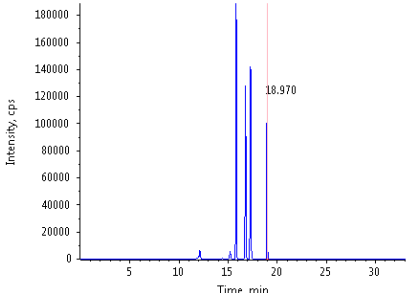
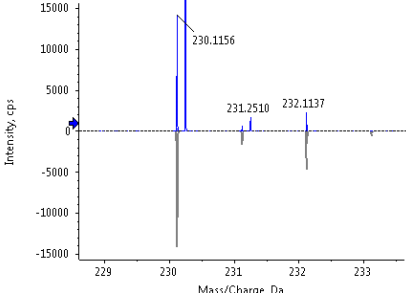
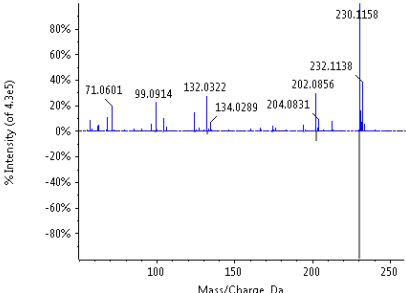
序号	化合物	一级图谱	二级图谱
274	丁噻隆	Std4 - Tebuthiuron (Standard) 229.1018...ry-20200604.wiff2), (sample Index: 5) Area: 8.918e5, Height: 9.749e4, RT: 12.13 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 12.183 to 12.216 min</li> <li>● [C9H16N4OS+H]<sup>+</sup> </li> <li>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]</li> <li>● Library Spectrum: Tebuthiuron (34014-18-1), CE=35±0 </li> </ul>
275	特丁通	Std4 - Terbumeton (Standard) 226.1562...ry-20200604.wiff2), (sample Index: 5) Area: 2.376e6, Height: 2.649e5, RT: 14.04 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 14.134 to 14.167 min</li> <li>● [C10H19N5O+H]<sup>+</sup> </li> <li>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]</li> <li>● Library Spectrum: Terbumeton (33693-04-8), CE=35±15 </li> </ul>
276	特丁津	Std4 - Terbutylazine (Standard) 230.1...ry-20200604.wiff2), (sample Index: 5) Area: 5.045e5, Height: 1.111e5, RT: 18.97 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 18.981 to 19.013 min</li> <li>● [C9H16ClN5+H]<sup>+</sup> </li> <li>● Spectrum from Screen-test-P-celer...cursor: 219.0-250.0 Da, CE: 35]</li> <li>● Library Spectrum: Trietazine (1912-26-1), CE=20±0 </li> </ul>
277	四氟醚唑	Std4 - Tetraconazole (Standard) 372.01...ry-20200604.wiff2), (sample Index: 5) Area: 3.471e4, Height: 7.782e3, RT: 19.09 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 19.078 to 19.111 min</li> <li>● [C13H11Cl2F4N3O+H]<sup>+</sup> </li> <li>● Deconvoluted, Spectrum from Sre...cursor: 369.0-400.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celer... Precursor: 369.0-400.0 Da, CE: 35]</li> <li>● Library Spectrum: Tetraconazole (112281-77-3), CE=35±15 </li> </ul>
278	胺菊酯	Std4 - Tetramethrin (Standard) 332.175...ry-20200604.wiff2), (sample Index: 5) Area: 1.005e5, Height: 2.503e4, RT: 23.51 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 23.469 to 23.501 min</li> <li>● [C19H25NO4+H]<sup>+</sup> </li> <li>● Deconvoluted, Spectrum from Sre...cursor: 309.0-340.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35]</li> <li>● Library Spectrum: Tetramethrin (7696-12-0), CE=35±15 </li> </ul>

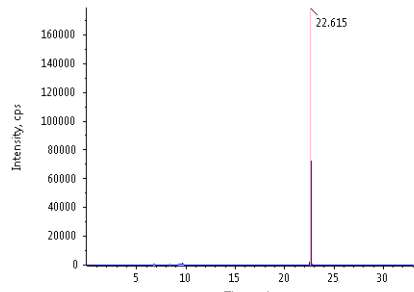
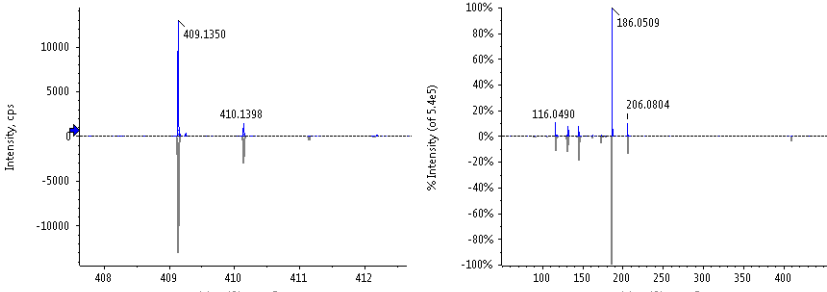
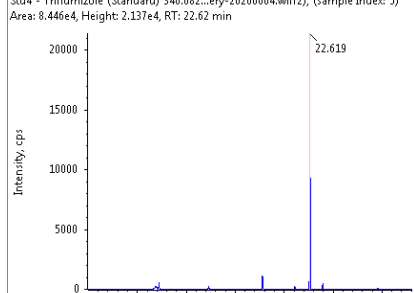
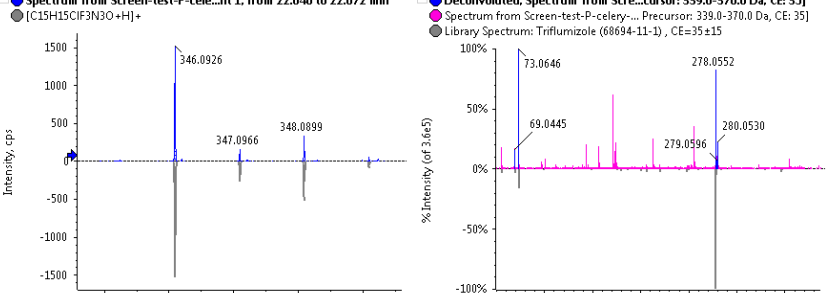
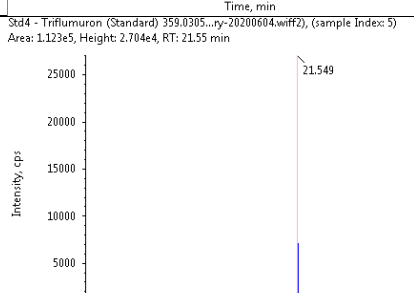
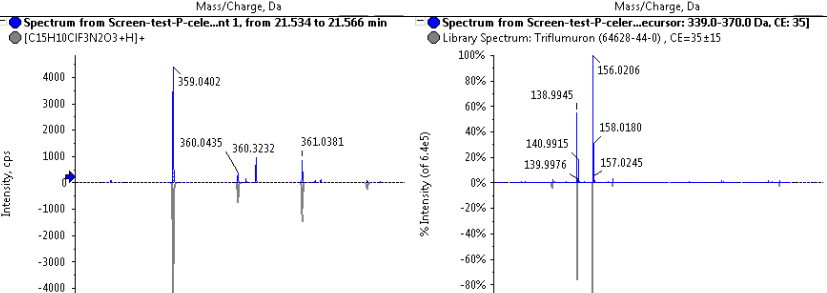
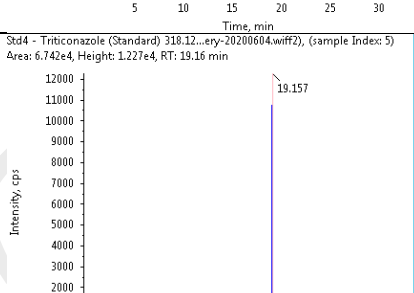
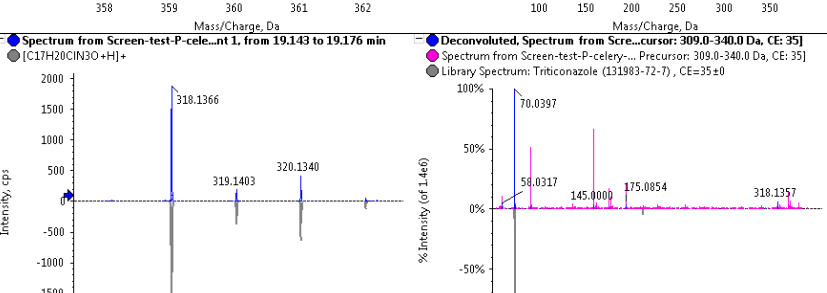
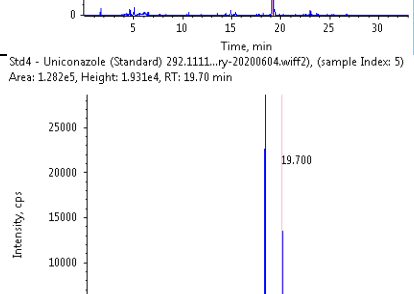
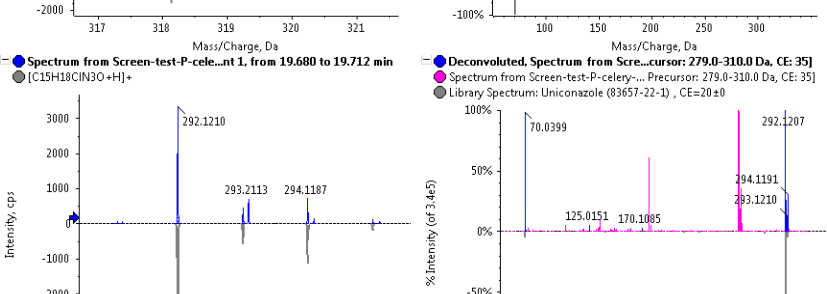


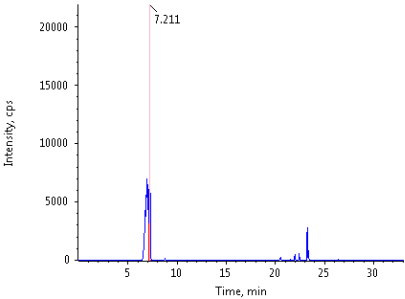
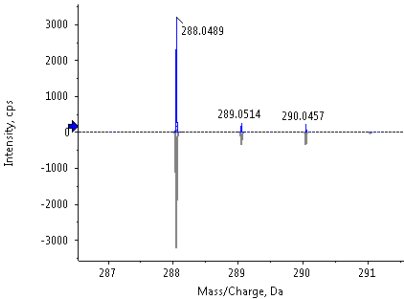
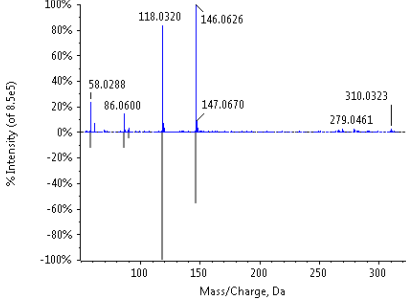
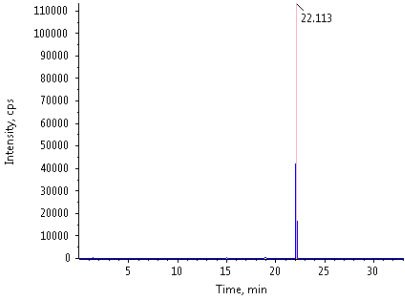
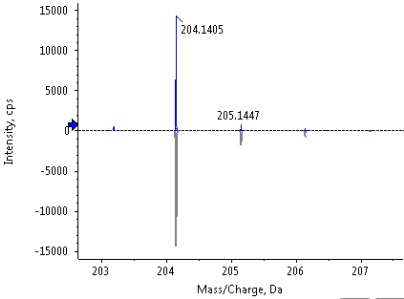
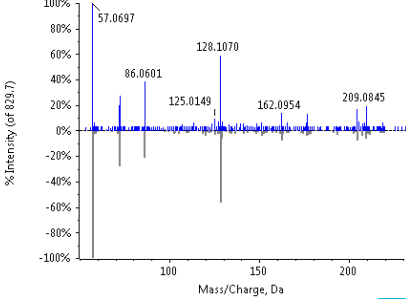
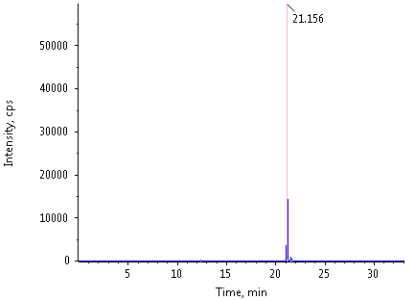
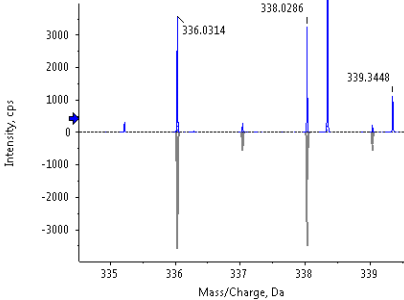
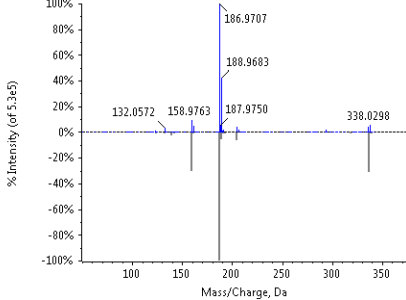
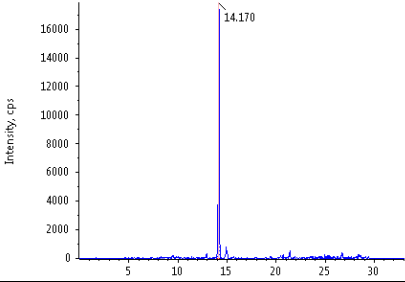
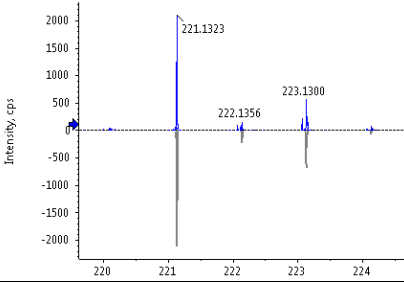
序号	化合物	一级图谱	二级图谱
279	噻菌灵	Std4 - Thiabendazole (Standard) 202003...ry-20200604.wiff2), (sample Index: 5) Area: 1.146e5, Height: 1.146e5, RT: 6.97 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.012 to 7.044 min ● [C10H7N3S+H]<sup>+</sup> </p> <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Thiabendazole (148-79-8), CE=20±0 </p>
280	噻苯咪唑-5-羟基	Std4 - Thiabendazole-5-Hydroxy (Standard) 202003...ry-20200604.wiff2), (sample Index: 5) Area: 1.418e5, Height: 2.792e4, RT: 5.50 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.451 to 5.483 min ● [C10H7N3OS+H]<sup>+</sup> </p> <p>● Spectrum from Screen-test-P-celer...cursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: 5-Hydroxy-thiabendazole (940-71-0), CE=35±15 </p>
281	噻虫啉	Std4 - Thiacloprid (Standard) 202003...ry-20200604.wiff2), (sample Index: 5) Area: 4.612e5, Height: 6.581e4, RT: 8.29 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 8.313 to 8.345 min ● [C10H9ClN4S+H]<sup>+</sup> </p> <p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Thiacloprid (111988-49-9), CE=35±0 </p>
282	噻虫嗪	Std4 - Thiamethoxam (Standard) 202003...ry-20200604.wiff2), (sample Index: 5) Area: 5.921e4, Height: 6.772e3, RT: 5.66 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 5.646 to 5.678 min ● [C8H10ClN5O3S+H]<sup>+</sup> </p> <p>● Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Thiamethoxam (153719-23-4), CE=20±0 </p>
283	噻酮磺隆	Std4 - Thien carbazon-Methyl (Standard) 202003...ry-20200604.wiff2), (sample Index: 5) Area: 2.291e4, Height: 2.982e3, RT: 9.91 min 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 9.890 to 9.923 min ● [C12H14N4O7S2+H]<sup>+</sup> </p> <p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Thien carbazon-methyl (317815-83-1), CE=35±0 </p>

序号	化合物	一级图谱	二级图谱	
284	噻吩磺隆	<p>Std4 - Thifensulfuron-methyl (Standard) 37...ry-20200604.wiff2), (sample Index: 5) Area: 4.558e4, Height: 4.183e3, RT: 11.07 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.045 to 11.077 min ● [C12H13N5O6S2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Thifensulfuron-methyl (79277-27-3), CE=35±15</p> 
285	禾草丹	<p>Std4 - Thiobencarb (Standard) 258.0614...ry-20200604.wiff2), (sample Index: 5) Area: 5.443e5, Height: 1.501e5, RT: 21.54 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.485 to 21.517 min ● [C12H16ClNOS+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35] ● Library Spectrum: Thiobencarb (28249-77-6), CE=35±15</p> 
286	硫菌灵	<p>Std4 - Thiophanate-Ethyl (Standard) 37...ry-20200604.wiff2), (sample Index: 5) Area: 2.674e5, Height: 3.875e4, RT: 15.28 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 15.273 to 15.305 min ● [C14H18N4O4S2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 369.0-400.0 Da, CE: 35] ● Library Spectrum: Thiophanate (23564-06-9), CE=35±0</p> 
287	甲基硫菌灵	<p>Std4 - Thiophanate-methyl (Standard) 3...ry-20200604.wiff2), (sample Index: 5) Area: 7.268e4, Height: 9.344e3, RT: 11.33 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 11.337 to 11.370 min ● [C12H14N4O4S2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...cursor: 339.0-370.0 Da, CE: 35] ● Library Spectrum: Thiophanate-methyl (23564-05-8), CE=35±15</p> 
288	仲草丹	<p>Std4 - Tiocarbazil (Standard) 280.1630 ...ry-20200604.wiff2), (sample Index: 5) Area: 1.089e6, Height: 2.219e5, RT: 24.71 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 24.640 to 24.672 min ● [C16H25NOS+H]<sup>+</sup></p> 	<p>● Deconvoluted, Spectrum from Scre...cursor: 279.0-310.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Tiocarbazil, CE=35±15</p> 

序号	化合物	一级图谱	二级图谱
289	甲基立枯磷	Std4 - Tolclofos-methyl (Standard) 300...ry-20200604.wiff2), (sample Index: 5) Area: 1.428e5, Height: 3.775e4, RT: 21.66 min 	<ul style="list-style-type: none"><li>Spectrum from Screen-test-P-celer...nt 1, from 21.615 to 21.648 min</li><li>[C9H11Cl2O3PS+H]<sup>+</sup></li><li>Deconvoluted, Spectrum from Sre...cursor: 279.0-310.0 Da, CE: 35]</li><li>Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35]</li><li>Library Spectrum: Tolclofos-methyl (57018-04-9), CE=35±15</li></ul> 
290	三唑酮	Std4 - Triadimefon (Standard) 294.0904...ry-20200604.wiff2), (sample Index: 5) Area: 3.001e5, Height: 5.609e4, RT: 18.17 min 	<ul style="list-style-type: none"><li>Spectrum from Screen-test-P-celer...nt 1, from 18.102 to 18.135 min</li><li>[C14H16ClN3O2+H]<sup>+</sup></li><li>Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35]</li><li>Library Spectrum: Triadimefon (43121-43-3), CE=20±0</li></ul> 
291	野麦畏	Std4 - Triallate (Standard) 303.9991...ry-20200604.wiff2), (sample Index: 5) Area: 1.521e5, Height: 7.565e4, RT: 24.40 min 	<ul style="list-style-type: none"><li>Spectrum from Screen-test-P-celer...nt 1, from 24.380 to 24.412 min</li><li>[C10H16ClN3OS+H]<sup>+</sup></li><li>Deconvoluted, Spectrum from Sre...cursor: 279.0-310.0 Da, CE: 35]</li><li>Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35]</li><li>Library Spectrum: Tri-allate (2303-17-5), CE=35±0</li></ul> 
292	抑芽唑	Std4 - Triapenthenol (Standard) 264.19...ry-20200604.wiff2), (sample Index: 5) Area: 7.104e5, Height: 1.290e5, RT: 20.17 min 	<ul style="list-style-type: none"><li>Spectrum from Screen-test-P-celer...nt 1, from 20.103 to 20.135 min</li><li>[C15H25N3O+H]<sup>+</sup></li><li>Spectrum from Screen-test-P-celer...cursor: 249.0-280.0 Da, CE: 35]</li><li>Library Spectrum: Triapenthenol, CE=35±15</li></ul> 
293	三唑磷	Std4 - Triazophos (Standard) 314.0623...ry-20200604.wiff2), (sample Index: 5) Area: 1.391e5, Height: 2.818e4, RT: 18.50 min 	<ul style="list-style-type: none"><li>Spectrum from Screen-test-P-celer...nt 1, from 18.476 to 18.509 min</li><li>[C12H16N3O3PS+H]<sup>+</sup></li><li>Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35]</li><li>Library Spectrum: Triazophos (24017-47-8), CE=35±15</li></ul> 

序号	化合物	一级图谱	二级图谱	
294	磷酸三丁酯	Std4 - Tributyl phosphate (Standard) 2...ry-20200604.wiff2), (sample Index: 5) Area: 6.17e5, Height: 1.59e5, RT: 22.70 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 22.705 to 22.737 min</li> <li>● [C12H27O4P+H]<sup>+</sup></li> <li></li> </ul>	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35]</li> <li>● Library Spectrum: tributyl phosphate, CE=35±15</li> <li></li> </ul>
295	敌百虫	Std4 - Trichlorfon (Standard) 256.9199...ry-20200604.wiff2), (sample Index: 5) Area: 8.74e4, Height: 1.063e4, RT: 7.46 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ment 1, from 7.483 to 7.516 min</li> <li>● [C4H8Cl3O4P+H]<sup>+</sup></li> <li></li> </ul>	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ecursor: 249.0-280.0 Da, CE: 35]</li> <li>● Library Spectrum: Trichlorfon (52-68-6), CE=50±0</li> <li></li> </ul>
296	三环唑	Std4 - Tricyclazole (Standard) 190.033...ry-20200604.wiff2), (sample Index: 5) Area: 1.121e6, Height: 6.752e4, RT: 9.06 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ment 1, from 9.175 to 9.207 min</li> <li>● [C9H7N3S+H]<sup>+</sup></li> <li></li> </ul>	<ul style="list-style-type: none"> <li>● Deconvoluted, Spectrum from Scre...ecursor: 80.0-200.0 Da, CE: 35]</li> <li>● Spectrum from Screen-test-P-celer...n Precursor: 80.0-200.0 Da, CE: 35]</li> <li>● Library Spectrum: Tricyclazole (41814-78-2), CE=20±0</li> <li></li> </ul>
297	十三吗啉	Std4 - Tridemorph (Standard) 298.3004...ry-20200604.wiff2), (sample Index: 5) Area: 9.138e5, Height: 4.224e4, RT: 20.05 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 19.924 to 19.956 min</li> <li>● [C19H39NO+H]<sup>+</sup></li> <li></li> </ul>	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35]</li> <li>● Library Spectrum: Tridemorph (24602-86-6), CE=35±15</li> <li></li> </ul>
298	草达津	Std4 - Trietazine (Standard) 230.1067...ry-20200604.wiff2), (sample Index: 5) Area: 5.045e5, Height: 1.111e5, RT: 18.97 min 	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...nt 1, from 18.981 to 19.013 min</li> <li>● [C9H16ClN5+H]<sup>+</sup></li> <li></li> </ul>	<ul style="list-style-type: none"> <li>● Spectrum from Screen-test-P-celer...ecursor: 219.0-250.0 Da, CE: 35]</li> <li>● Library Spectrum: Trietazine (1912-26-1), CE=20±0</li> <li></li> </ul>

序号	化合物	一级图谱	二级图谱
299	脲菌酯	Std4 - Trifloxystrobin (Standard) 409.1...ry-20200604.wiff2), (sample Index: 5) Area: 7.110e5, Height: 1.786e5, RT: 22.62 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1, from 22.640 to 22.672 min</li> <li>Library Spectrum: Trifloxystrobin (141517-21-7), CE=35±15</li> <li>Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 399.0-440.0 Da, CE: 35]</li> <li>Spectrum from Screen-test-P-celer... Precursor: 399.0-370.0 Da, CE: 35]</li> <li>Library Spectrum: Trifloxystrobin (68694-11-1), CE=35±15</li> </ul> 
300	氟菌唑	Std4 - Triflumizole (Standard) 346.092...ry-20200604.wiff2), (sample Index: 5) Area: 8.446e4, Height: 2.137e4, RT: 22.62 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1, from 22.640 to 22.672 min</li> <li>Library Spectrum: Triflumizole (68694-11-1), CE=35±15</li> <li>Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 399.0-370.0 Da, CE: 35]</li> <li>Spectrum from Screen-test-P-celer... Precursor: 399.0-370.0 Da, CE: 35]</li> <li>Library Spectrum: Triflumizole (68694-11-1), CE=35±15</li> </ul> 
301	杀铃脲	Std4 - Triflumuron (Standard) 359.0305...ry-20200604.wiff2), (sample Index: 5) Area: 1.123e5, Height: 2.704e4, RT: 21.55 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1, from 21.534 to 21.566 min</li> <li>Library Spectrum: Triflumuron (64628-44-0), CE=35±15</li> <li>Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 399.0-370.0 Da, CE: 35]</li> <li>Spectrum from Screen-test-P-celer... Precursor: 399.0-370.0 Da, CE: 35]</li> <li>Library Spectrum: Triflumuron (64628-44-0), CE=35±15</li> </ul> 
302	灭菌唑	Std4 - Tricetonazole (Standard) 318.12...ry-20200604.wiff2), (sample Index: 5) Area: 6.742e4, Height: 1.227e4, RT: 19.16 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1, from 19.143 to 19.176 min</li> <li>Library Spectrum: Tricetonazole (131983-72-7), CE=35±0</li> <li>Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 309.0-340.0 Da, CE: 35]</li> <li>Spectrum from Screen-test-P-celer... Precursor: 309.0-340.0 Da, CE: 35]</li> <li>Library Spectrum: Tricetonazole (131983-72-7), CE=35±0</li> </ul> 
303	烯效唑	Std4 - Uniconazole (Standard) 292.1111...ry-20200604.wiff2), (sample Index: 5) Area: 1.282e5, Height: 1.931e4, RT: 19.70 min 	<ul style="list-style-type: none"> <li>Spectrum from Screen-test-P-celer...nt 1, from 19.680 to 19.712 min</li> <li>Library Spectrum: Uniconazole (83657-22-1), CE=20±0</li> <li>Deconvoluted, Spectrum from Screen-test-P-celer...cursor: 279.0-310.0 Da, CE: 35]</li> <li>Spectrum from Screen-test-P-celer... Precursor: 279.0-310.0 Da, CE: 35]</li> <li>Library Spectrum: Uniconazole (83657-22-1), CE=20±0</li> </ul> 

序号	化合物	一级图谱	二级图谱	
304	蚜灭磷	<p>Std4 - Vamidothion (Standard) 288.038...ry-20200604.wiff2), (sample Index: 5) Area: 1.033e5, Height: 2.191e4, RT: 7.21 min</p> 	<p>● Spectrum from Screen-test-P-celer...ment 1, from 7.191 to 7.223 min ● [C8H18NO4PS2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 279.0-310.0 Da, CE: 35] ● Library Spectrum: Vamidothion (2275-23-2), CE=35±15</p> 
305	灭草敌	<p>Std4 - Vernolate (Standard) 204.1317 ...ry-20200604.wiff2), (sample Index: 5) Area: 4.438e5, Height: 1.133e5, RT: 22.11 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 22.119 to 22.152 min ● [C10H21NOS+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 195.0-220.0 Da, CE: 35] ● Library Spectrum: Vernolate, CE=35±15</p> 
306	苯酰菌胺	<p>Std4 - Zoxamide (Standard) 336.0219 ...ry-20200604.wiff2), (sample Index: 5) Area: 2.568e5, Height: 5.971e4, RT: 21.16 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 21.095 to 21.127 min ● [C14H16Cl3NO2+H]<sup>+</sup></p> 	<p>● Spectrum from Screen-test-P-celer...ecursor: 309.0-340.0 Da, CE: 35] ● Library Spectrum: Zoxamide (156052-68-5), CE=35±15</p> 
307	莠去津-D5	<p>Std4 - Atrazine-d5 (Standard) 221.1224...ry-20200604.wiff2), (sample Index: 5) Area: 1.207e5, Height: 1.784e4, RT: 14.17 min</p> 	<p>● Spectrum from Screen-test-P-celer...nt 1, from 14.183 to 14.216 min ● [2H5C8H9ClN5+H]<sup>+</sup></p> 	<p>● Deconvoluted, Spectrum from Scre...cursor: 219.0-250.0 Da, CE: 35] ● Spectrum from Screen-test-P-celer... Precursor: 219.0-250.0 Da, CE: 35] ● Library Spectrum: Atrazine-d5, CE=35±15</p> 