

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
 Data File : BM029267.D  
 Acq On : 30 Mar 2021 05:00  
 Operator : CG/JU  
 Sample : M1826-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RO-RBR200035

Manual Integrations  
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Quant Time: Mar 30 06:28:15 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 29 11:14:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.757  | 152  | 140949   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.539 | 136  | 555516   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.380 | 164  | 321547   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.121 | 188  | 677527   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.286 | 240  | 686096   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 23.527 | 264  | 710419   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 738881   | 90.36 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.934  | 99   | 965490   | 82.28 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 8.904  | 82   | 676368   | 59.11 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.868 | 330  | 275052   | 92.37 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.004 | 172  | 1283421  | 56.62 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.739 | 244  | 1839883  | 53.87 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 50) Dimethylphthalate         | 13.839 | 163  | 45189    | 2.01  | ng    | 98       |
| 75) Fluoranthene              | 19.174 | 202  | 173806   | 4.00  | ng    | 99       |
| 78) Pyrene                    | 19.533 | 202  | 154293   | 3.32  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.209 | 149  | 180723   | 10.13 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 22.850 | 252  | 126320m  | 2.73  | ng    |          |
| -----                         |        |      |          |       |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

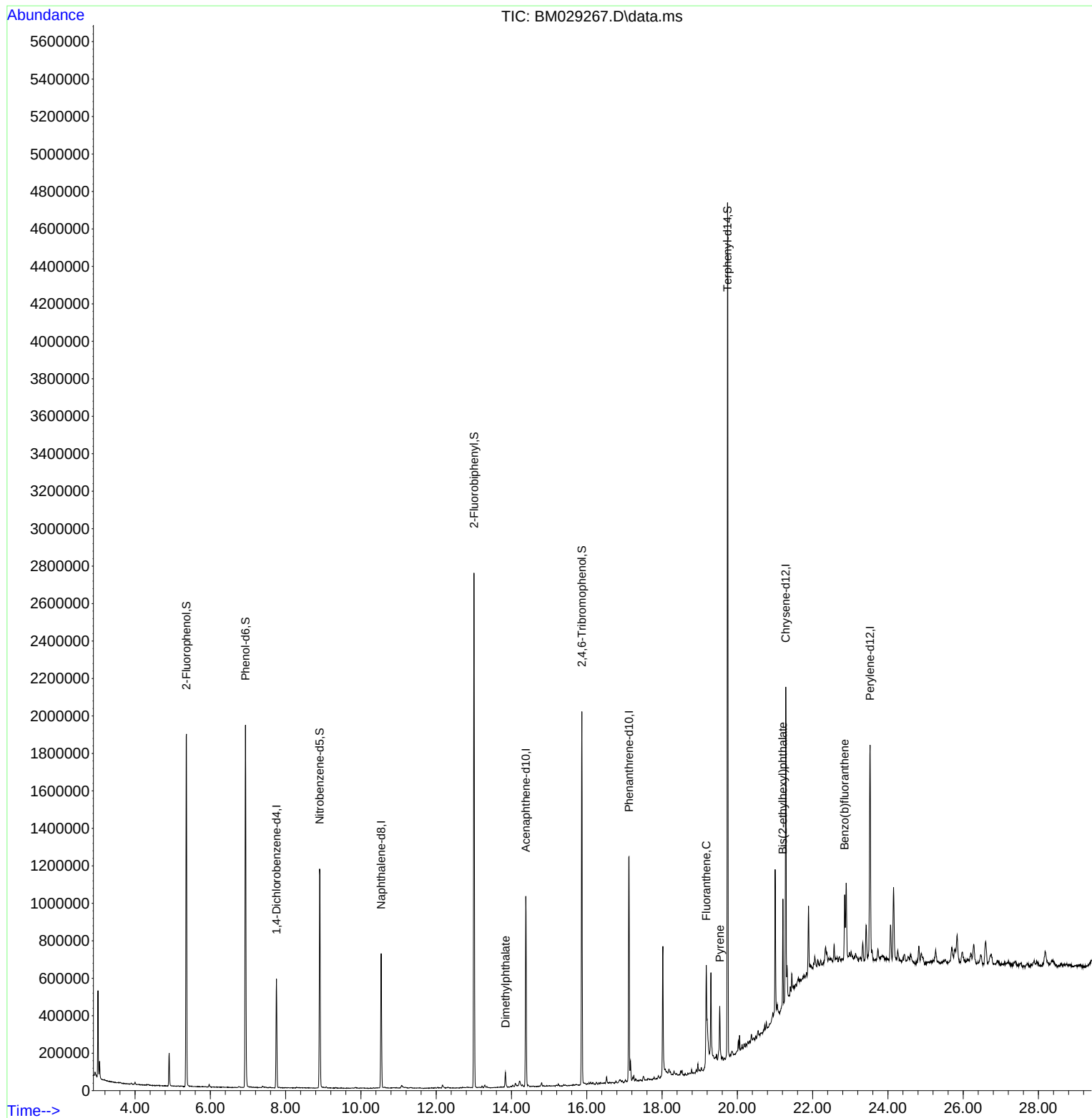
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Data File : BM029267.D  
Acq On : 30 Mar 2021 05:00  
Operator : CG/JU  
Sample : M1826-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

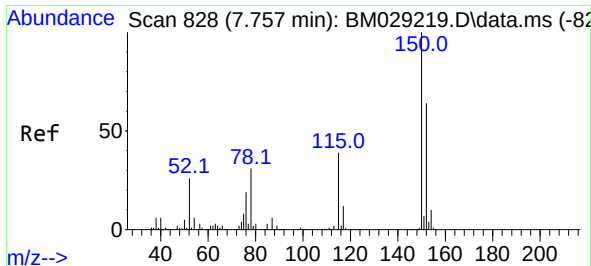
Instrument :  
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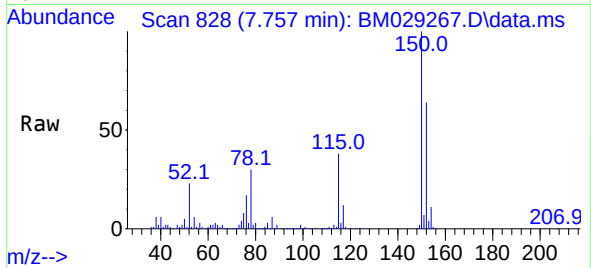
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Quant Time: Mar 30 06:28:15 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 29 11:14:33 2021  
Response via : Initial Calibration

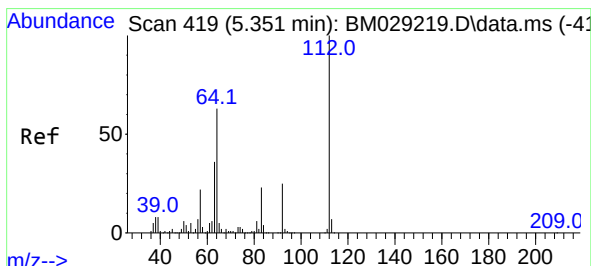
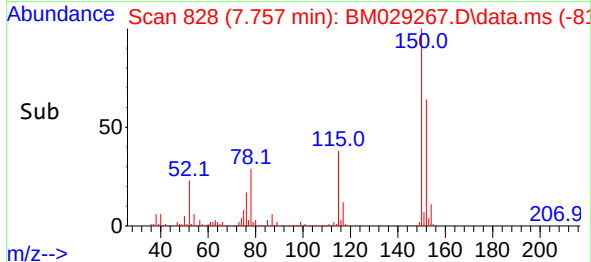
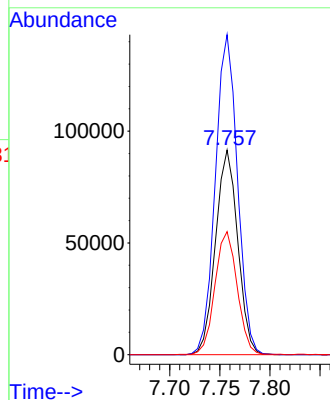




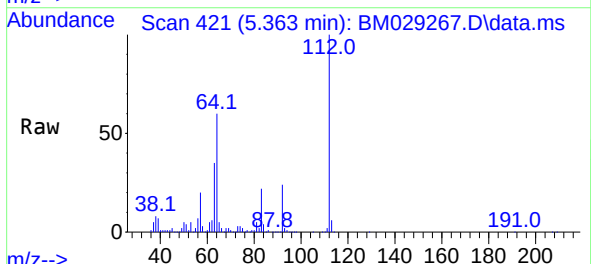
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.757 min Scan# 828  
Delta R.T. 0.005 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00



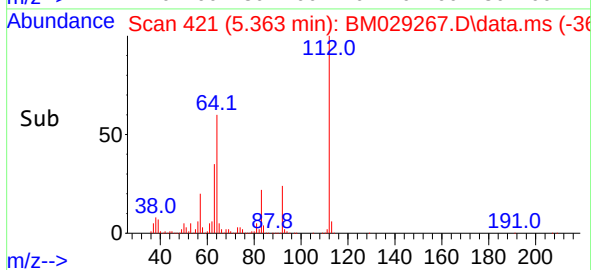
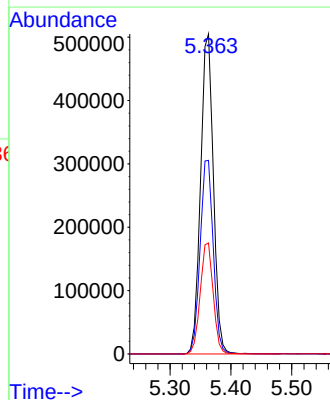
Tgt Ion:152 Resp: 140949  
Ion Ratio Lower Upper  
152 100  
150 156.4 124.3 186.5  
115 60.1 46.4 69.6



#5  
2-Fluorophenol  
Concen: 90.36 ng  
RT: 5.363 min Scan# 421  
Delta R.T. 0.012 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00



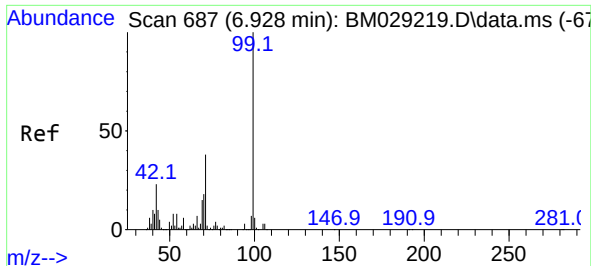
Tgt Ion:112 Resp: 738881  
Ion Ratio Lower Upper  
112 100  
64 60.5 51.6 77.4  
63 34.7 29.0 43.4



Instrument :  
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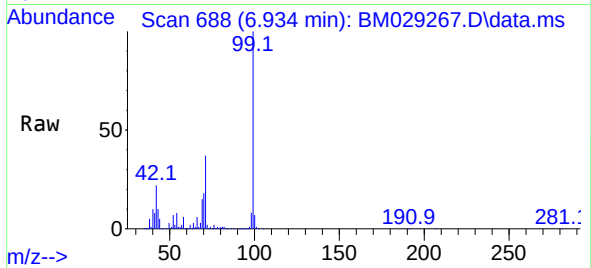
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#7  
Phenol-d6  
Concen: 82.28 ng  
RT: 6.934 min Scan# 688  
Delta R.T. 0.012 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00

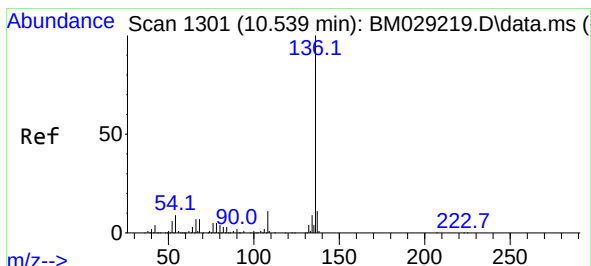
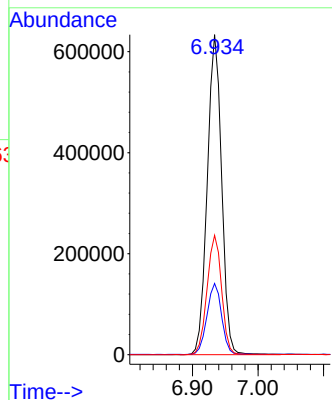
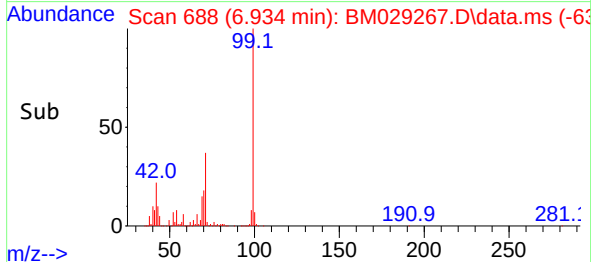
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BNA\_M  
ClientSampleId :  
RO-RBR200035



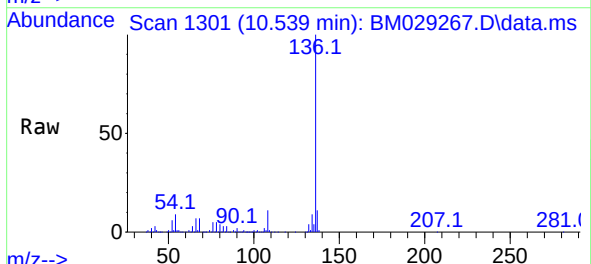
Tgt Ion: 99 Resp: 965490  
Ion Ratio Lower Upper  
99 100  
42 22.3 18.5 27.7  
71 37.3 31.8 47.6

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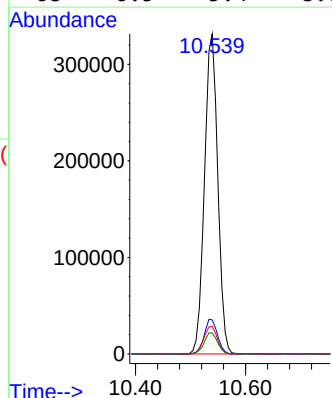
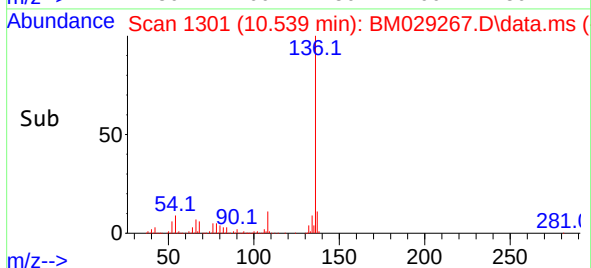
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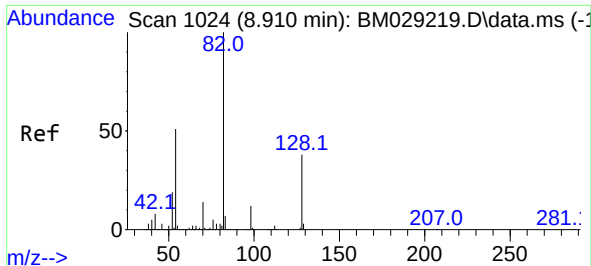


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.539 min Scan# 1301  
Delta R.T. 0.006 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00



Tgt Ion: 136 Resp: 555516  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.3 13.9  
54 8.6 6.9 10.3  
68 6.5 5.4 8.0





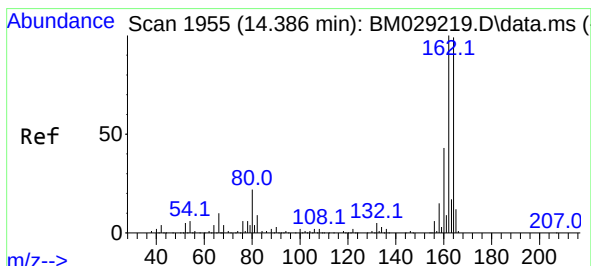
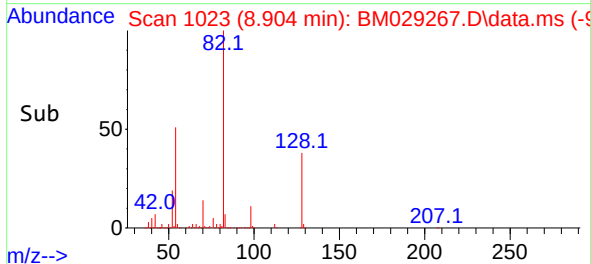
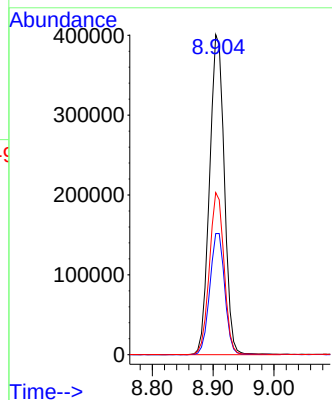
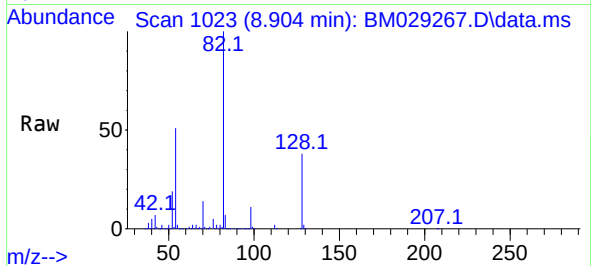
#23  
Nitrobenzene-d5  
Concen: 59.11 ng  
RT: 8.904 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00

Tgt Ion: 82 Resp: 676368  
Ion Ratio Lower Upper  
82 100  
128 37.9 28.6 42.8  
54 50.7 40.7 61.1

Instrument :  
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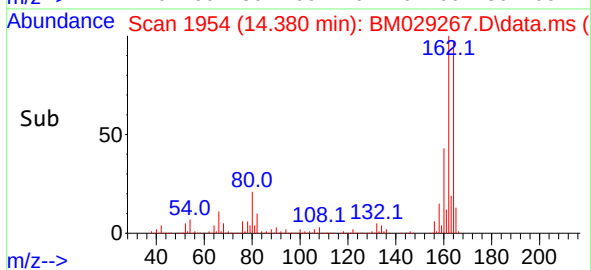
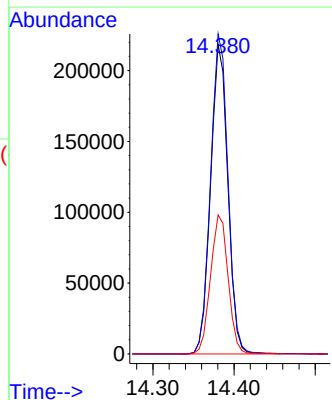
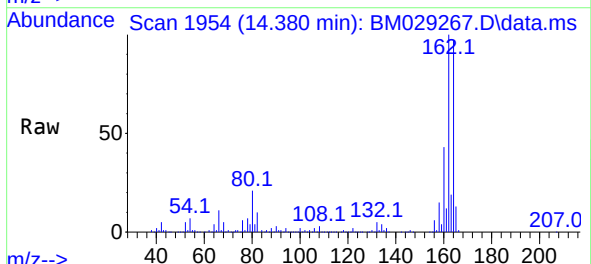
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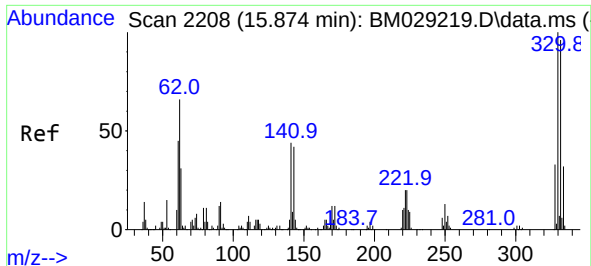
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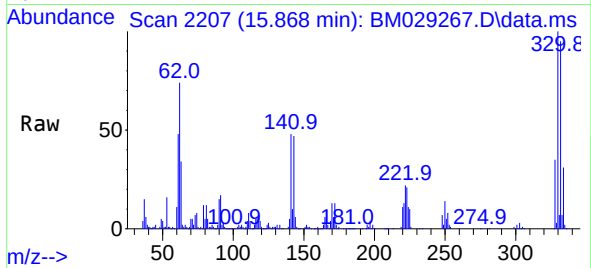
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.380 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BM029267.D  
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Tgt Ion:164 Resp: 321547  
Ion Ratio Lower Upper  
164 100  
162 103.4 84.4 126.6  
160 44.9 36.6 54.8

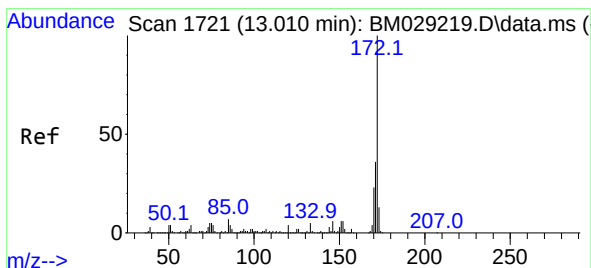
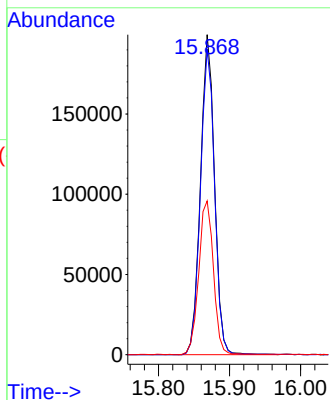
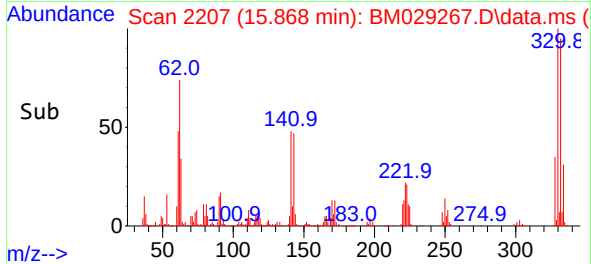




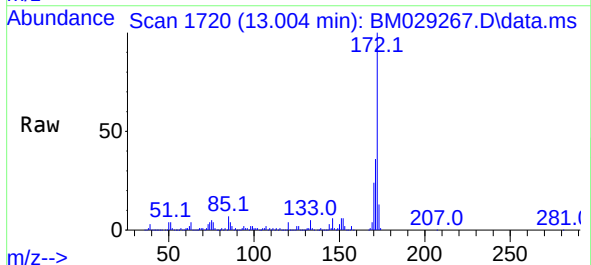
#42  
2,4,6-Tribromophenol  
Concen: 92.37 ng  
RT: 15.868 min Scan# 2207  
Delta R.T. 0.006 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00



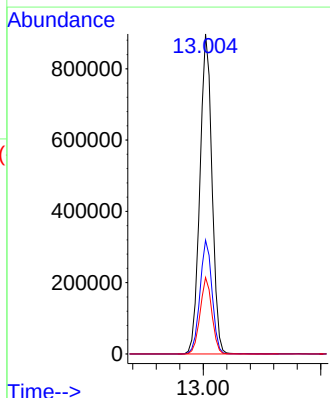
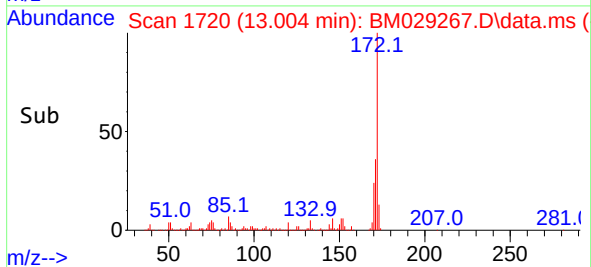
Tgt Ion:330 Resp: 275052  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.1 115.7  
141 50.5 39.2 58.8



#45  
2-Fluorobiphenyl  
Concen: 56.62 ng  
RT: 13.004 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00



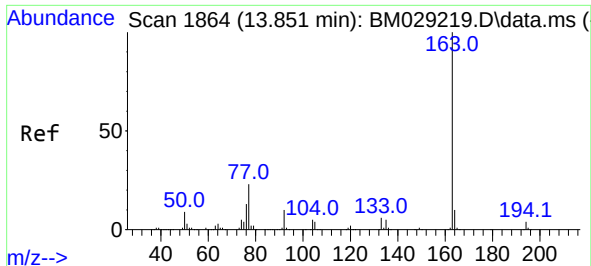
Tgt Ion:172 Resp: 1283421  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.7 43.1  
170 23.9 18.8 28.2



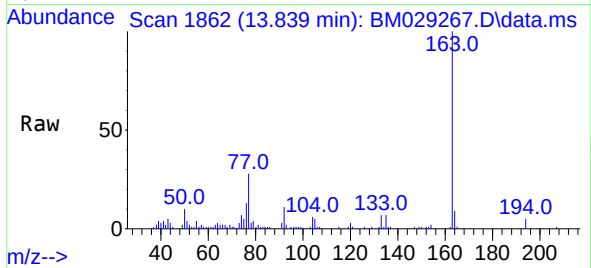
Instrument :  
BNA\_M  
ClientSampleId :  
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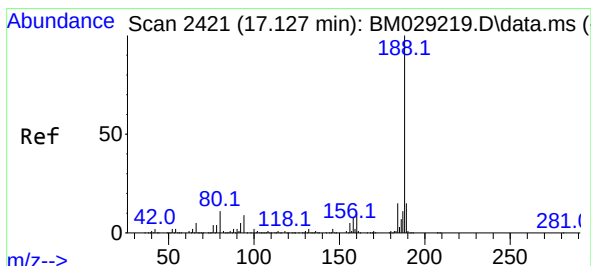
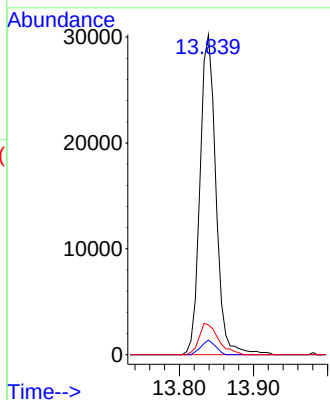
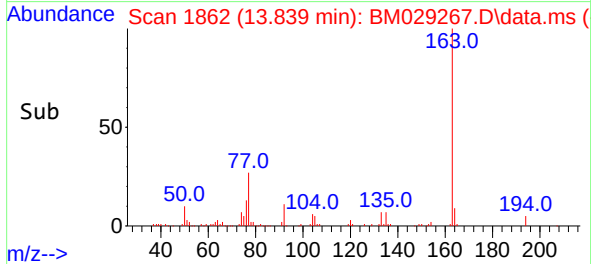
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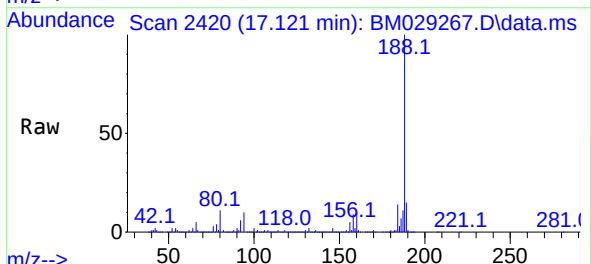
#50  
Dimethylphthalate  
Concen: 2.01 ng  
RT: 13.839 min Scan# 1862  
Delta R.T. -0.000 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00



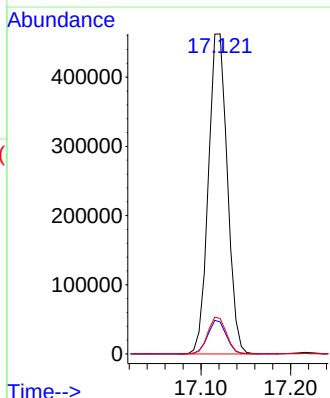
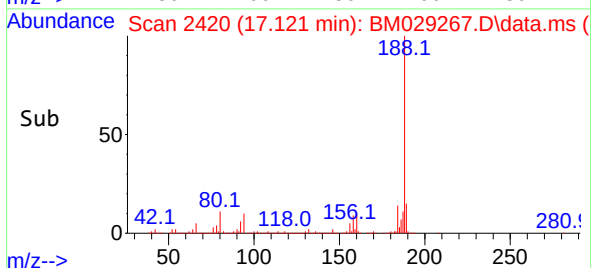
Tgt Ion:163 Resp: 45189  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.2 4.8  
164 9.3 7.9 11.9



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.121 min Scan# 2420  
Delta R.T. 0.006 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00



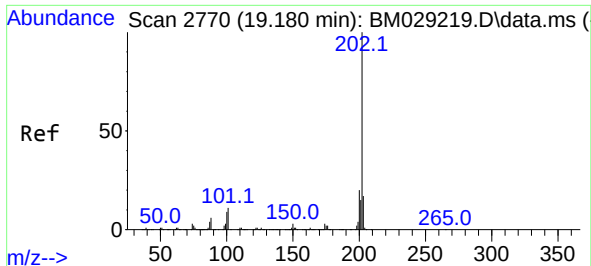
Tgt Ion:188 Resp: 677527  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.1 12.1  
80 11.1 9.2 13.8



Instrument :  
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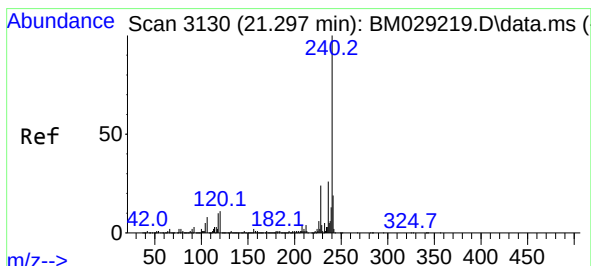
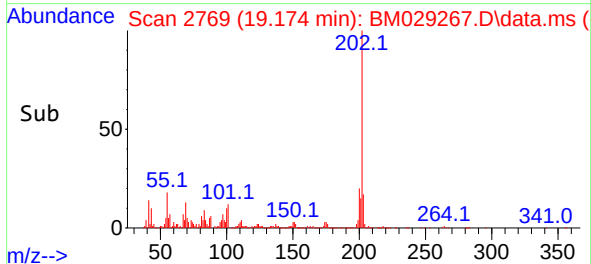
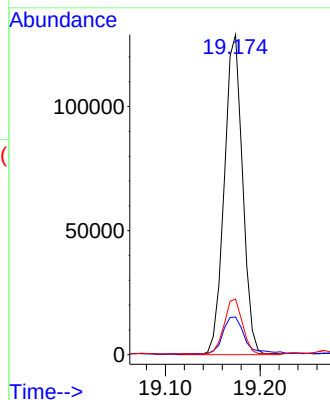
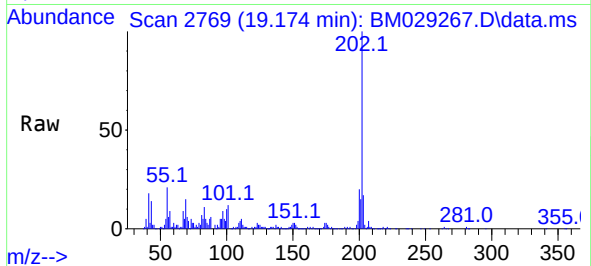
#75  
Fluoranthene  
Concen: 4.00 ng  
RT: 19.174 min Scan# 2769  
Delta R.T. 0.006 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 173806 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.8  | 0.0   | 31.5   |
| 203       | 17.4  | 0.0   | 37.7   |

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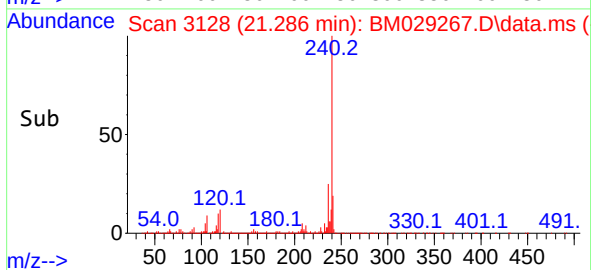
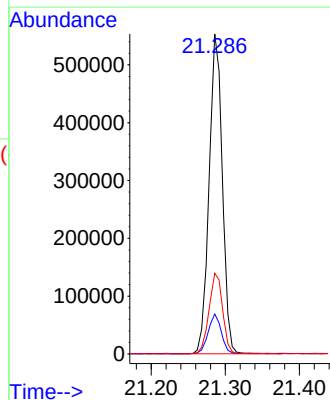
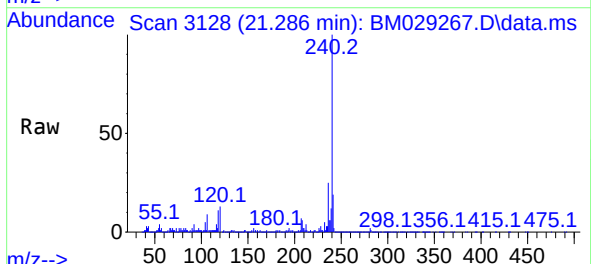
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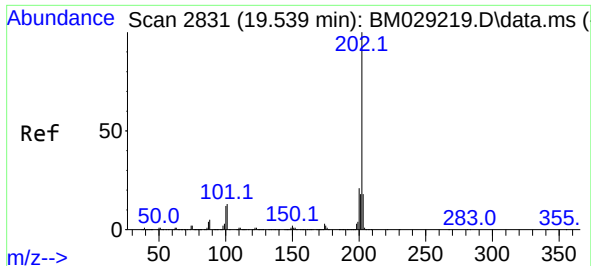


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.286 min Scan# 3128  
Delta R.T. -0.000 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 686096 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 12.5  | 9.0   | 13.6   |
| 236       | 25.2  | 20.3  | 30.5   |







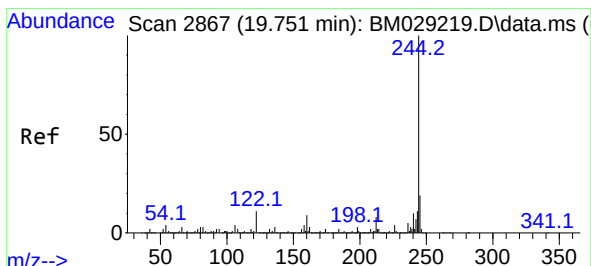
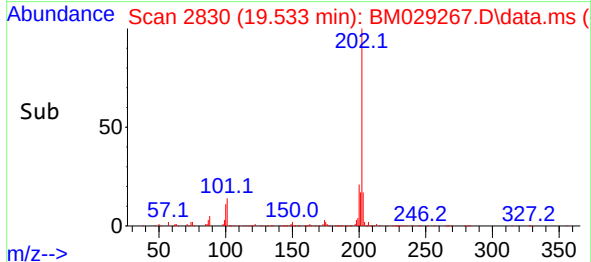
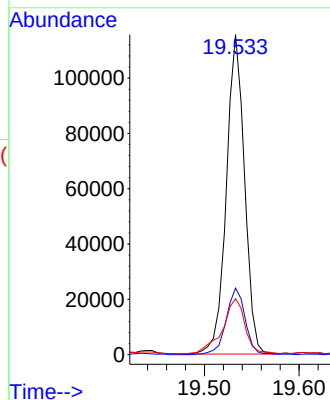
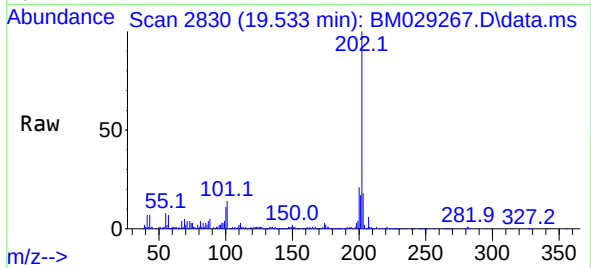
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Pyrene  
Concen: 3.32 ng  
RT: 19.533 min Scan# 2830  
Delta R.T. -0.000 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 154293 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.8  | 17.0  | 25.6   |
| 203       | 17.5  | 14.1  | 21.1   |

Instrument :  
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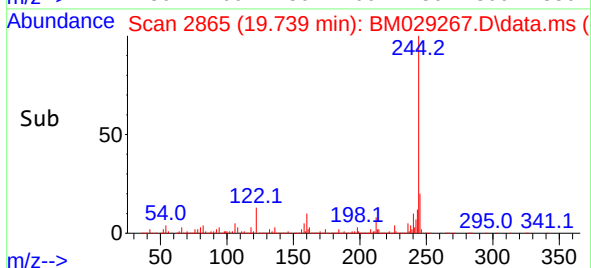
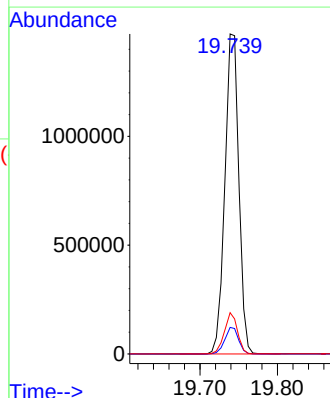
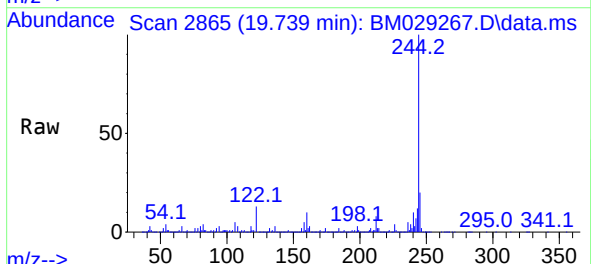
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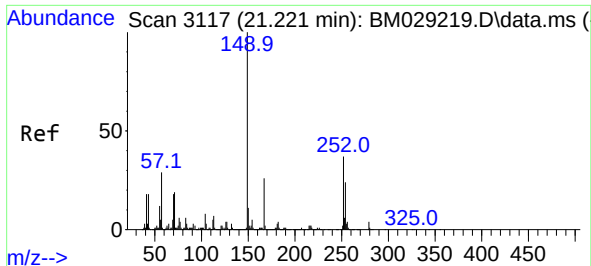
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#79  
Terphenyl-d14  
Concen: 53.87 ng  
RT: 19.739 min Scan# 2865  
Delta R.T. -0.000 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1839883 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 8.3   | 6.5   | 9.7     |
| 122       | 12.9  | 9.2   | 13.8    |





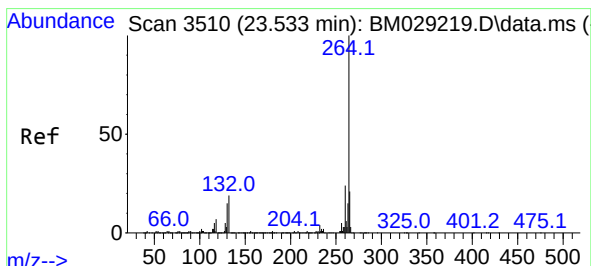
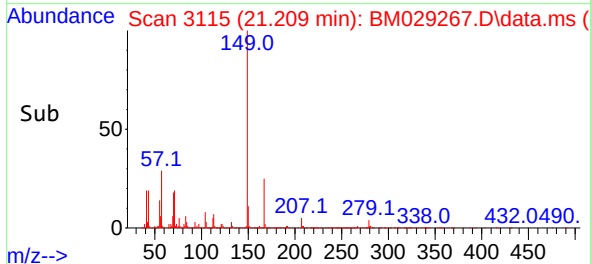
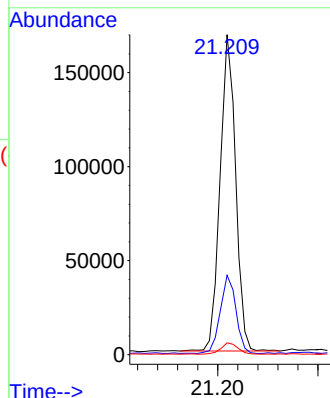
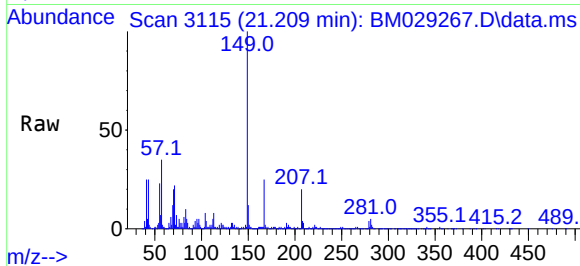
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 10.13 ng  
RT: 21.209 min Scan# 3115  
Delta R.T. -0.000 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00

Tgt Ion:149 Resp: 180723  
Ion Ratio Lower Upper  
149 100  
167 24.8 20.6 31.0  
279 3.7 3.3 4.9

Instrument :  
BNA\_M  
ClientSampleId :  
RO-RBR200035

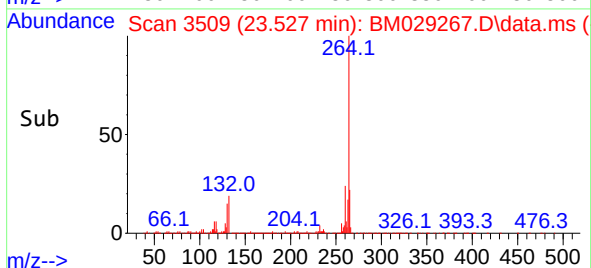
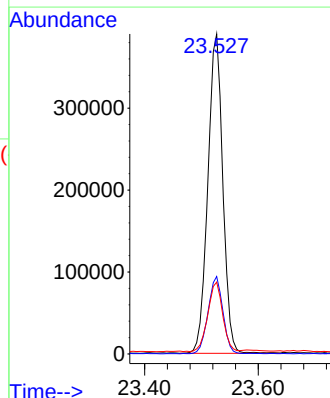
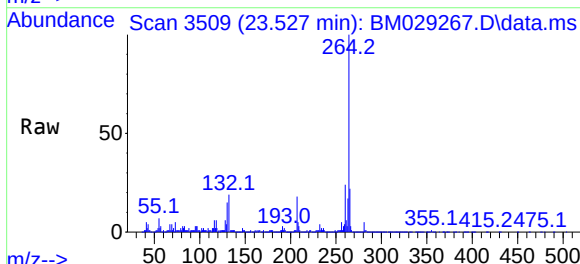
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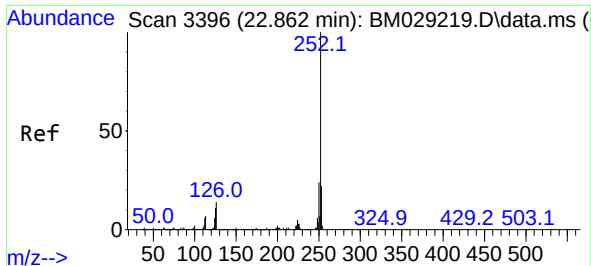
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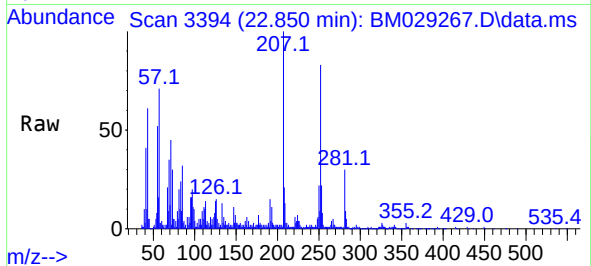
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.527 min Scan# 3509  
Delta R.T. 0.006 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00

Tgt Ion:264 Resp: 710419  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.6 29.4  
265 22.4 17.8 26.8

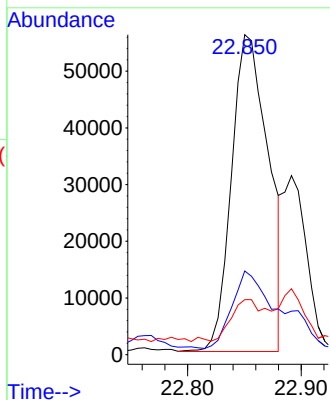
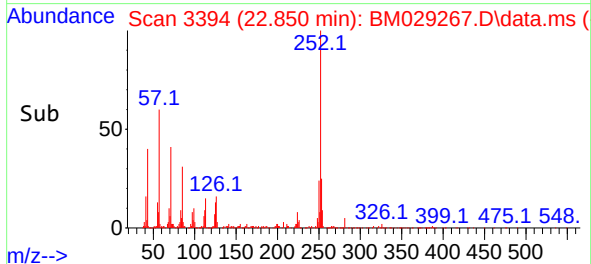




#88  
Benzo(b)fluoranthene  
Concen: 2.73 ng m  
RT: 22.850 min Scan# 3394  
Delta R.T. 0.006 min  
Lab File: BM029267.D  
Acq: 30 Mar 2021 05:00



Tgt Ion:252 Resp: 126320  
Ion Ratio Lower Upper  
252 100  
253 26.2 17.6 26.4  
125 17.2 9.0 13.4#



Instrument :  
BNA\_M  
ClientSampleId :  
RO-RBR200035

Manual Integrations  
APPROVED

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