

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120321\  
 Data File : BM033291.D  
 Acq On : 03 Dec 2021 18:01  
 Operator : CG/JU  
 Sample : M4917-11  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-27

Quant Time: Dec 06 00:50:13 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM112421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 24 15:16:33 2021  
 Response via : Initial Calibration

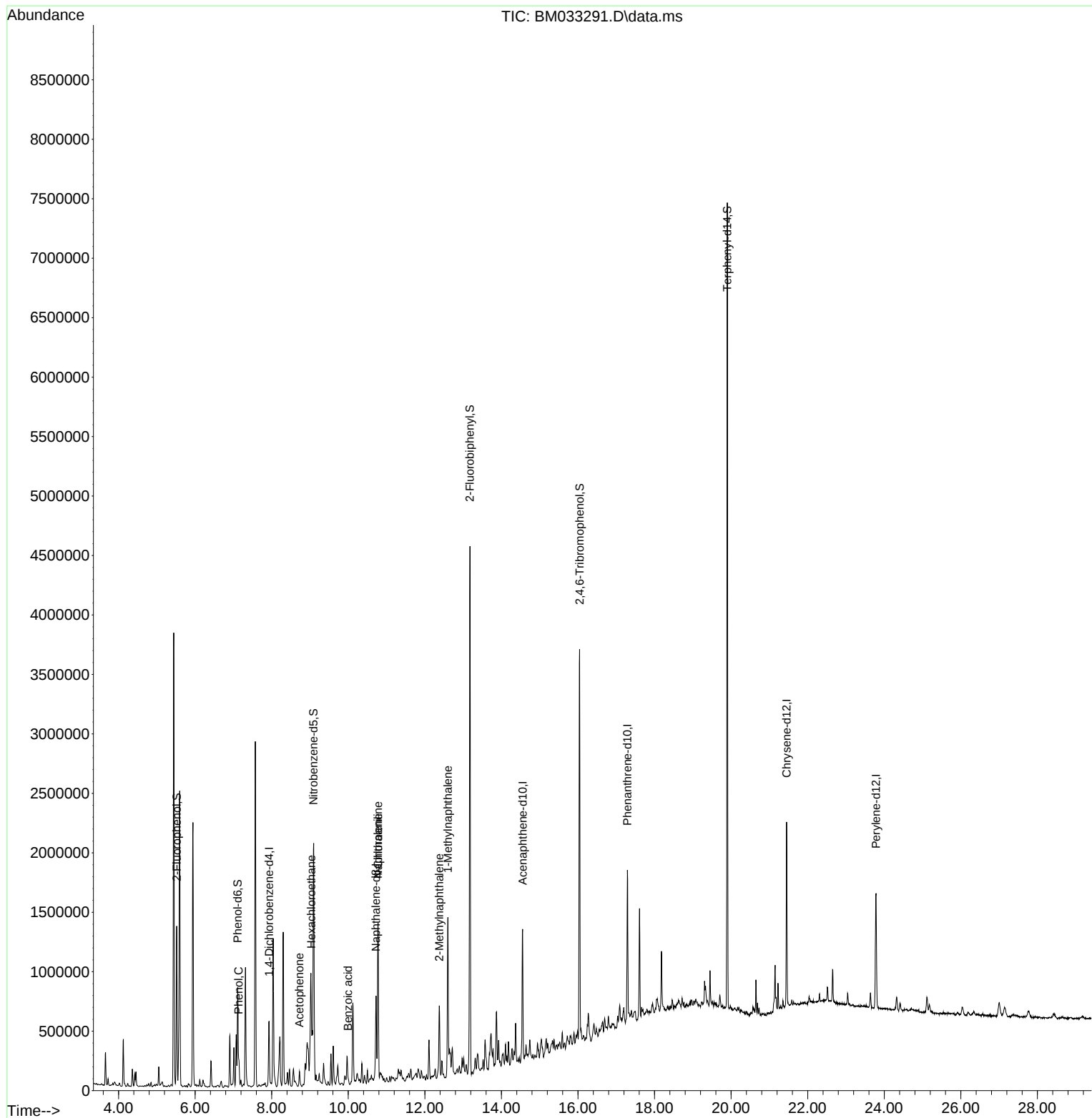
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.931  | 152  | 139404   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.725 | 136  | 569139   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.554 | 164  | 358162   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.289 | 188  | 724333   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.448 | 240  | 694224   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.783 | 264  | 693737   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.519  | 112  | 522279   | 61.869  | ng    | 0.01     |
| 7) Phenol-d6                | 7.113  | 99   | 431979   | 38.209  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 9.090  | 82   | 1136928  | 92.737  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.042 | 330  | 512440   | 131.250 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.178 | 172  | 2166232  | 85.298  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.901 | 244  | 2950953  | 84.053  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 10) Phenol                  | 7.137  | 94   | 28842    | 2.522   | ng    | 91       |
| 18) Hexachloroethane        | 9.031  | 117  | 58907    | 15.357  | ng    | # 1      |
| 22) Acetophenone            | 8.725  | 105  | 68411    | 4.671   | ng    | # 57     |
| 31) Naphthalene             | 10.778 | 128  | 1001995  | 33.375  | ng    | 100      |
| 32) Benzoic acid            | 9.990  | 122  | 5203     | 6.168   | ng    | # 73     |
| 33) 4-Chloroaniline         | 10.778 | 127  | 130294   | 11.285  | ng    | # 34     |
| 37) 2-Methylnaphthalene     | 12.378 | 142  | 245973   | 12.034  | ng    | 95       |
| 38) 1-Methylnaphthalene     | 12.601 | 142  | 378350   | 18.974  | ng    | 99       |
| -----                       |        |      |          |         |       |          |

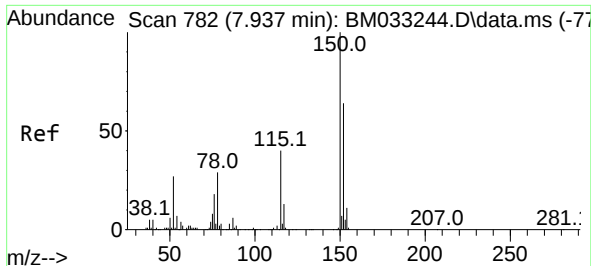
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120321\  
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QLast Update : Wed Nov 24 15:16:33 2021  
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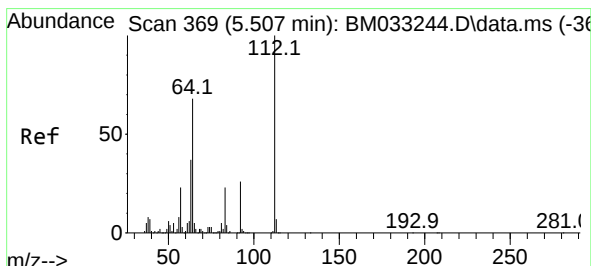
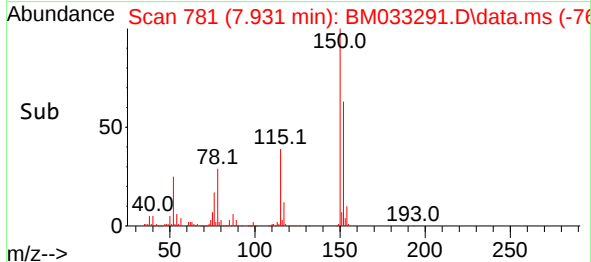
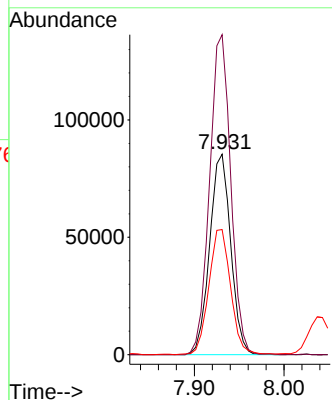
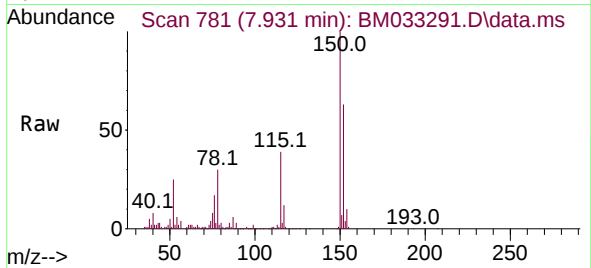




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.931 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

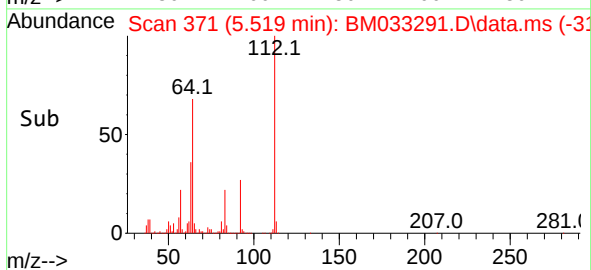
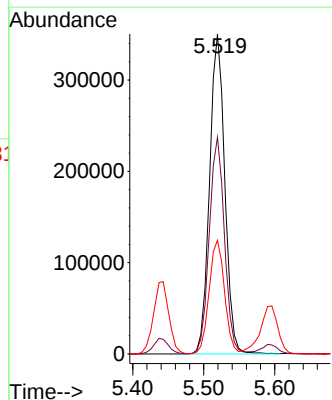
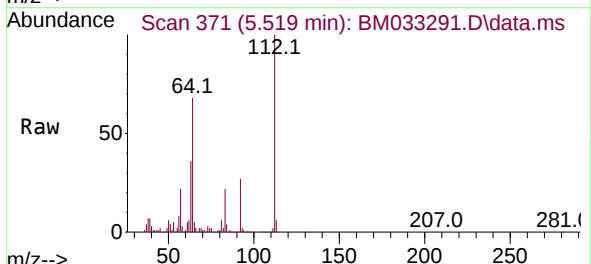
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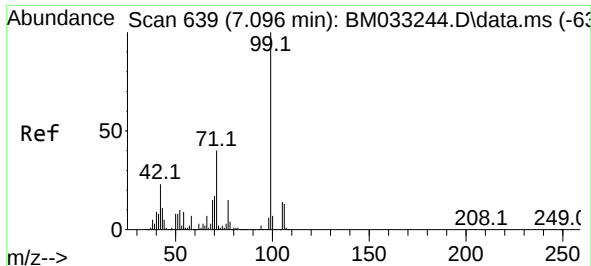
Tgt Ion:152 Resp: 139404  
Ion Ratio Lower Upper  
152 100  
150 159.6 122.4 183.6  
115 62.4 53.8 80.8



#5  
2-Fluorophenol  
Concen: 61.869 ng  
RT: 5.519 min Scan# 371  
Delta R.T. 0.012 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

Tgt Ion:112 Resp: 522279  
Ion Ratio Lower Upper  
112 100  
64 67.8 53.7 80.5  
63 35.5 33.9 50.9

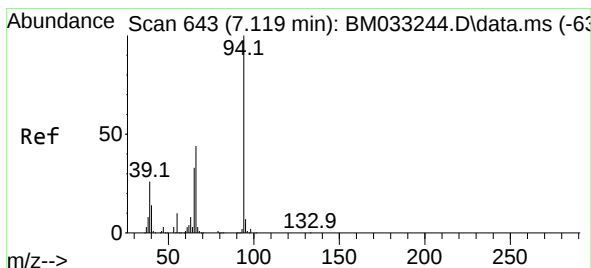
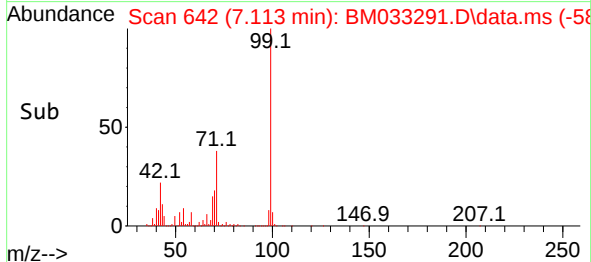
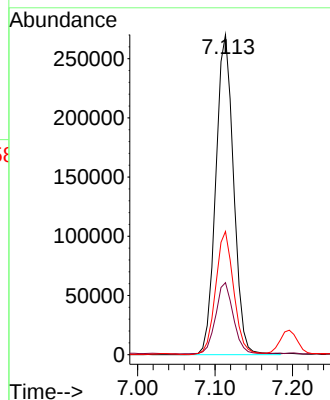
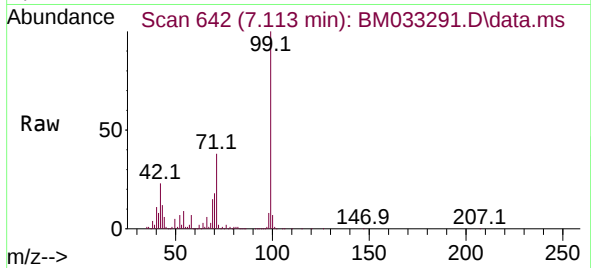




#7  
Phenol-d6  
Concen: 38.209 ng  
RT: 7.113 min Scan# 64  
Delta R.T. 0.018 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

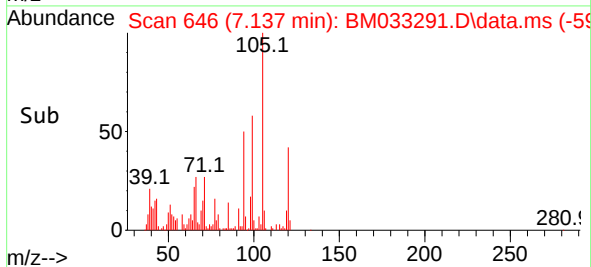
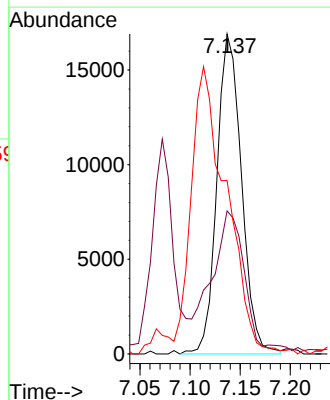
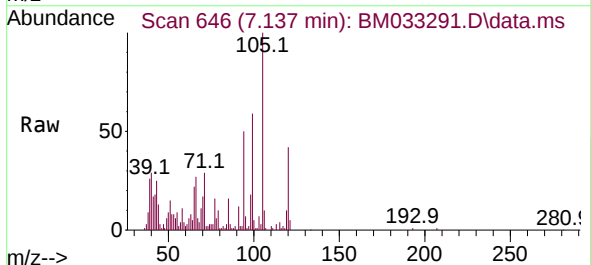
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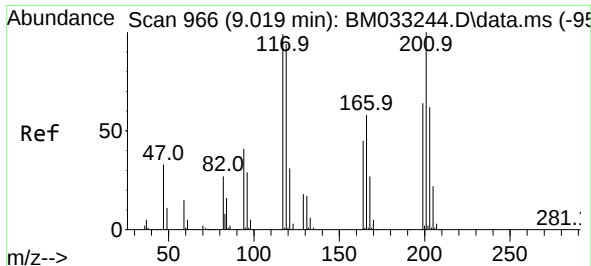
Tgt Ion: 99 Resp: 431979  
Ion Ratio Lower Upper  
99 100  
42 22.5 23.0 34.6#  
71 38.5 37.8 56.8



#10  
Phenol  
Concen: 2.522 ng  
RT: 7.137 min Scan# 646  
Delta R.T. 0.018 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

Tgt Ion: 94 Resp: 28842  
Ion Ratio Lower Upper  
94 100  
65 44.7 16.9 56.9  
66 54.2 30.0 70.0

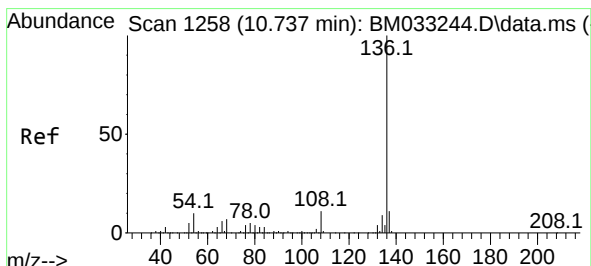
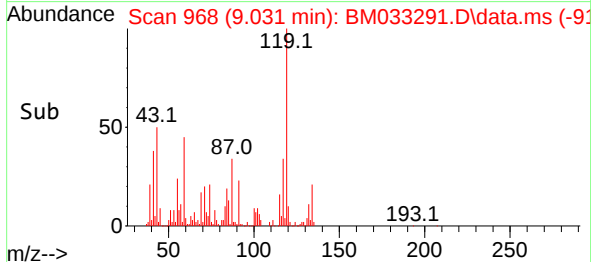
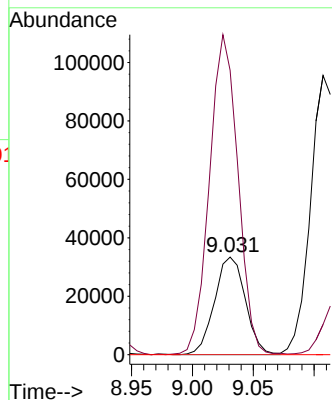
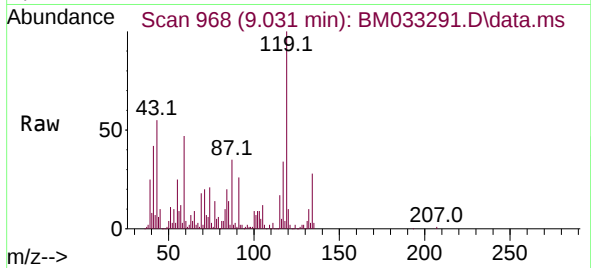




#18  
Hexachloroethane  
Concen: 15.357 ng  
RT: 9.031 min Scan# 90  
Delta R.T. 0.012 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

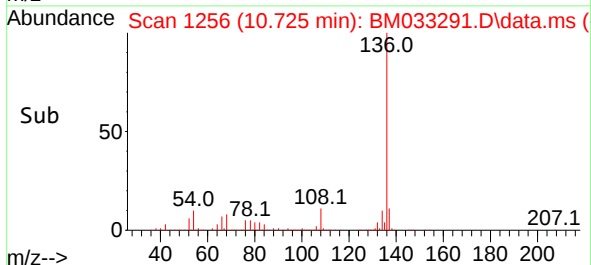
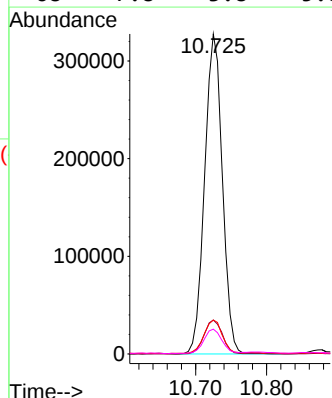
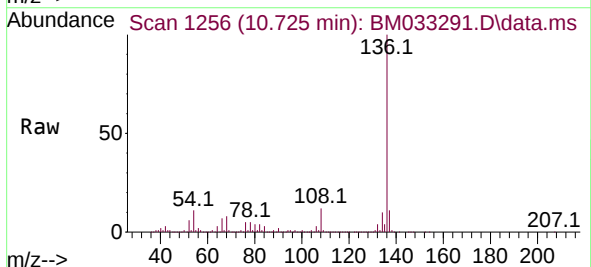
Instrument :  
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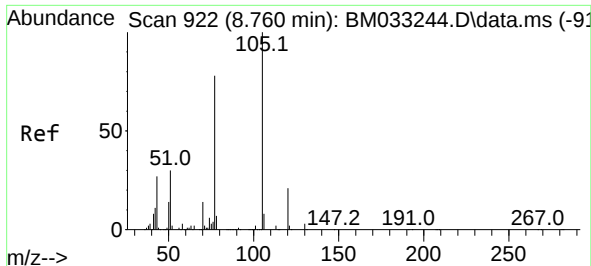
Tgt Ion:117 Resp: 58907  
Ion Ratio Lower Upper  
117 100  
119 291.2 77.7 116.5#  
201 0.0 70.2 105.2#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.725 min Scan# 1256  
Delta R.T. -0.012 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

Tgt Ion:136 Resp: 569139  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.7 13.1  
54 10.6 7.4 11.0  
68 7.8 3.8 5.8#

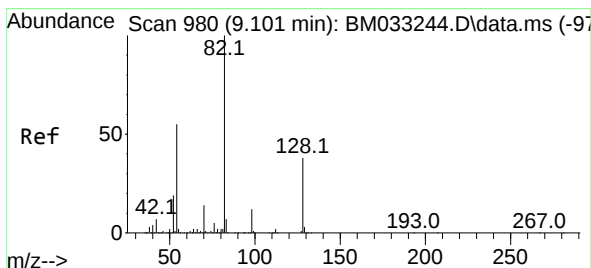
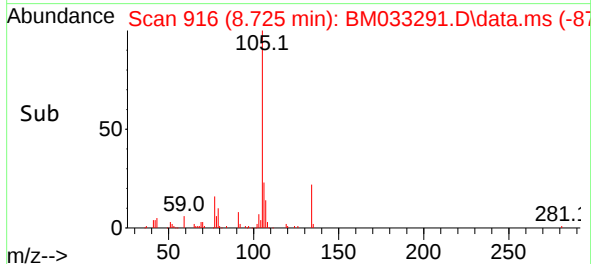
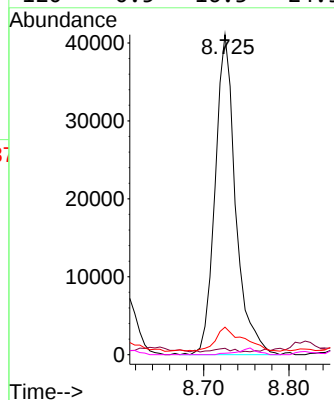
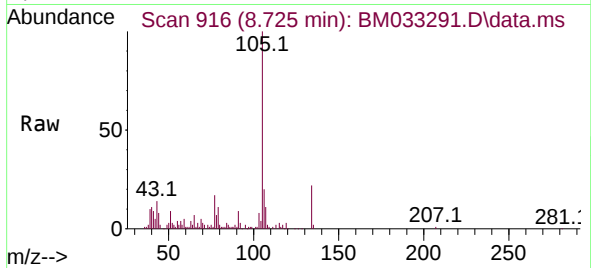




#22  
Acetophenone  
Concen: 4.671 ng  
RT: 8.725 min Scan# 916  
Delta R.T. -0.035 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

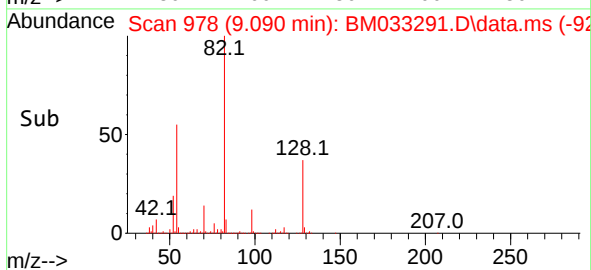
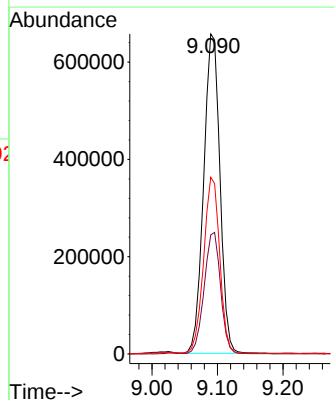
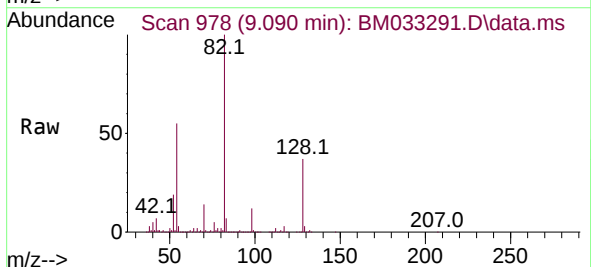
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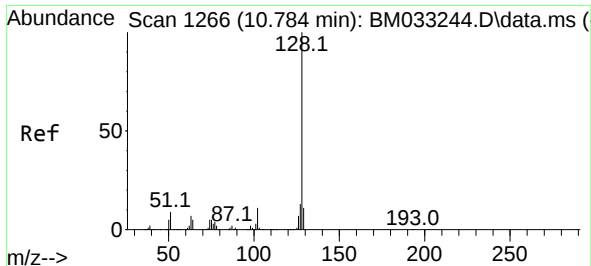
Tgt Ion:105 Resp: 68411  
Ion Ratio Lower Upper  
105 100  
71 2.0 3.8 5.6#  
51 8.6 29.5 44.3#  
120 0.5 16.3 24.5#



#23  
Nitrobenzene-d5  
Concen: 92.737 ng  
RT: 9.090 min Scan# 978  
Delta R.T. -0.012 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

Tgt Ion: 82 Resp: 1136928  
Ion Ratio Lower Upper  
82 100  
128 37.2 29.0 43.6  
54 55.2 45.8 68.8

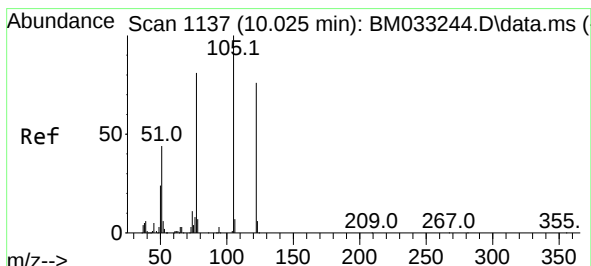
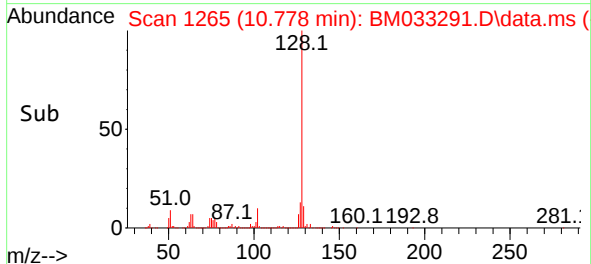
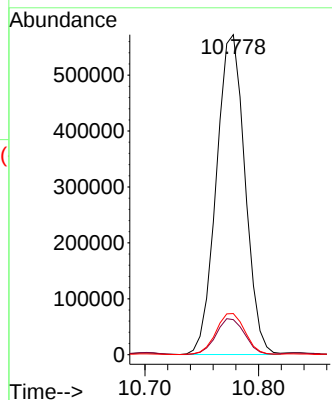
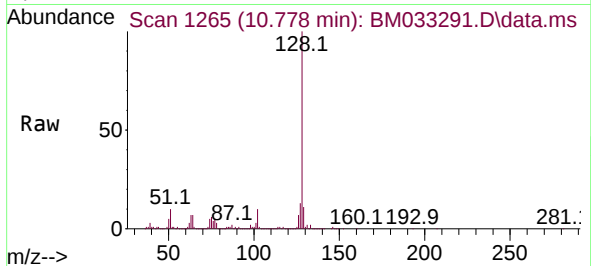




#31  
Naphthalene  
Concen: 33.375 ng  
RT: 10.778 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

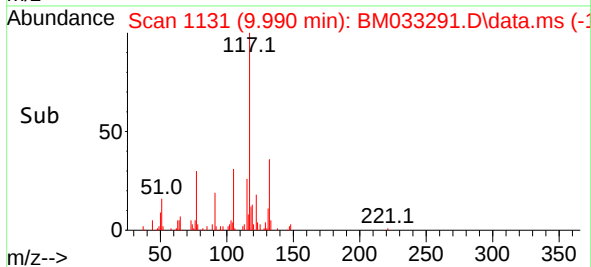
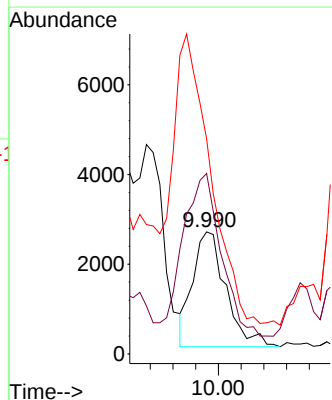
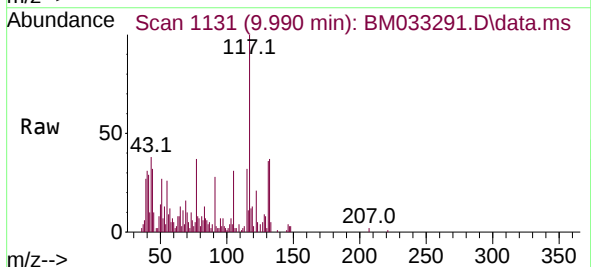
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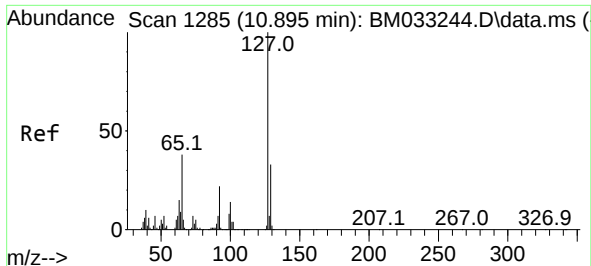
Tgt Ion:128 Resp: 1001995  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.6 13.0  
127 12.8 10.4 15.6



#32  
Benzoic acid  
Concen: 6.168 ng  
RT: 9.990 min Scan# 1131  
Delta R.T. -0.035 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

Tgt Ion:122 Resp: 5203  
Ion Ratio Lower Upper  
122 100  
105 147.8 120.3 160.3  
77 176.2 100.0 140.0#

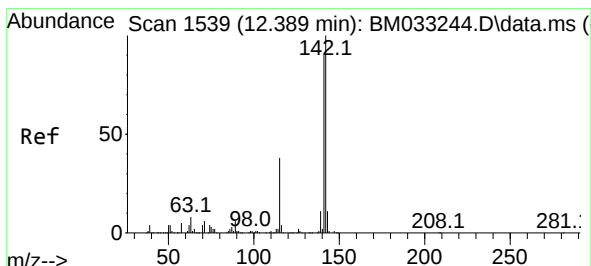
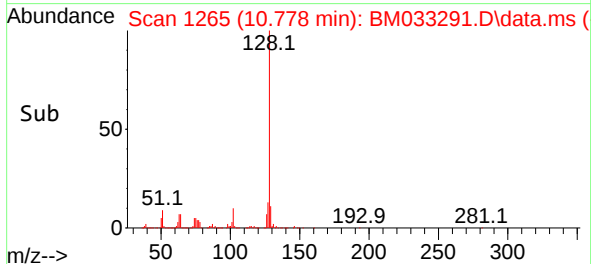
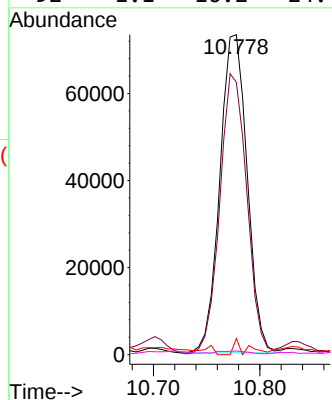
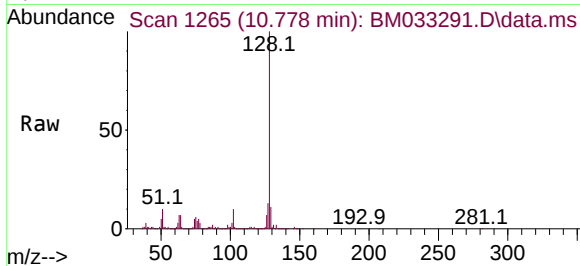




#33  
4-Chloroaniline  
Concen: 11.285 ng  
RT: 10.778 min Scan# 1  
Delta R.T. -0.118 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

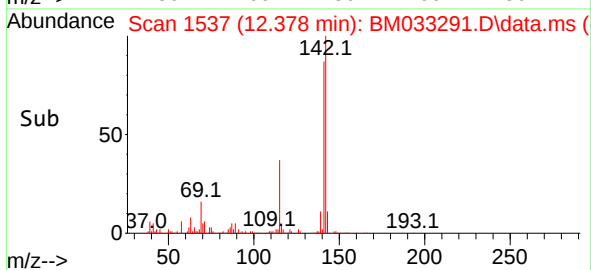
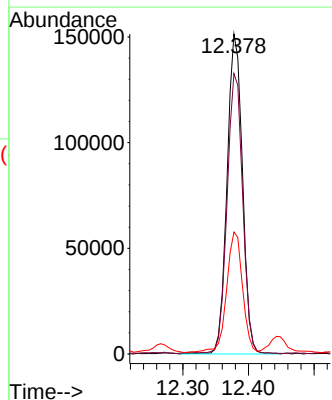
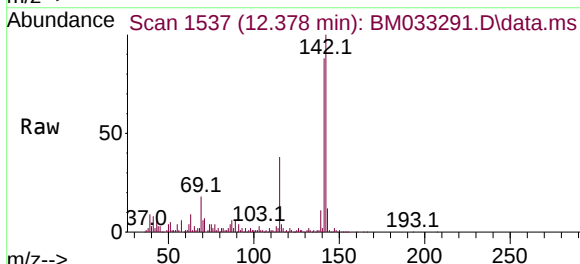
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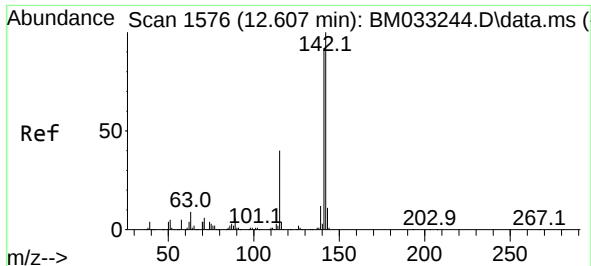
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 130294 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 85.1    | 25.6 38.4#   |
| 65 5.1      | 30.4 45.6#   |
| 92 1.1      | 16.2 24.4#   |



#37  
2-Methylnaphthalene  
Concen: 12.034 ng  
RT: 12.378 min Scan# 1537  
Delta R.T. -0.012 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

|             |              |
|-------------|--------------|
| Tgt Ion:142 | Resp: 245973 |
| Ion Ratio   | Lower Upper  |
| 142 100     |              |
| 141 87.7    | 71.8 107.6   |
| 115 38.1    | 36.3 54.5    |

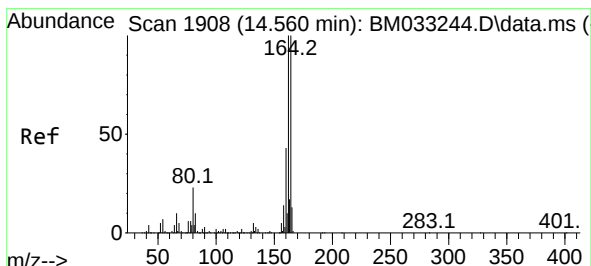
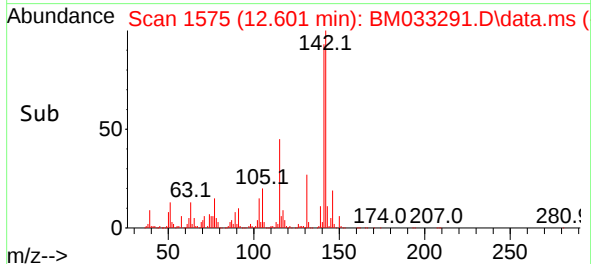
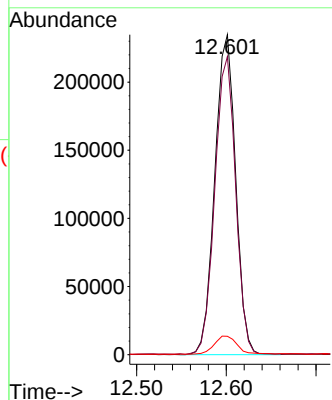
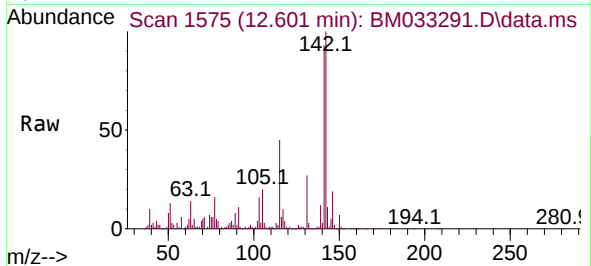




#38  
1-Methylnaphthalene  
Concen: 18.974 ng  
RT: 12.601 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

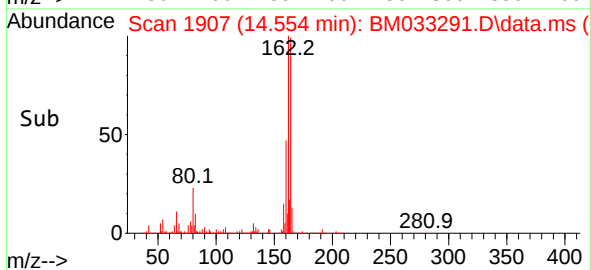
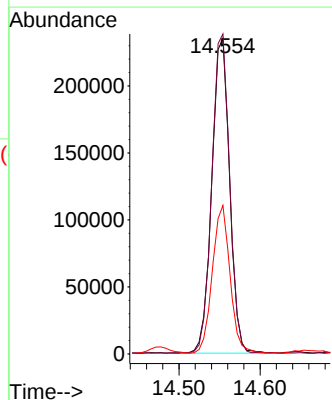
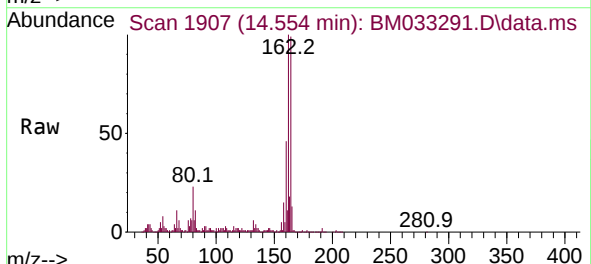
Instrument :  
BNA\_M  
ClientSampleId :  
MW-27

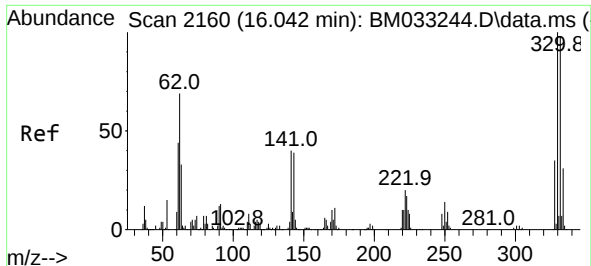
Tgt Ion:142 Resp: 378350  
Ion Ratio Lower Upper  
142 100  
141 93.2 75.6 113.4  
116 5.7 4.0 6.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.554 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

Tgt Ion:164 Resp: 358162  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.6 121.0  
160 47.1 35.1 52.7

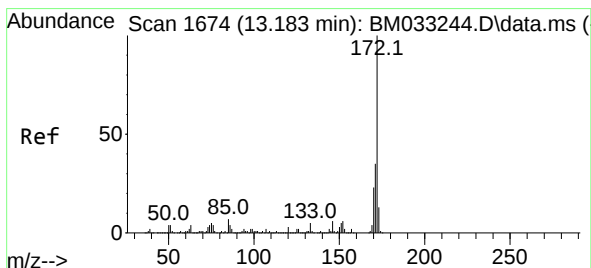
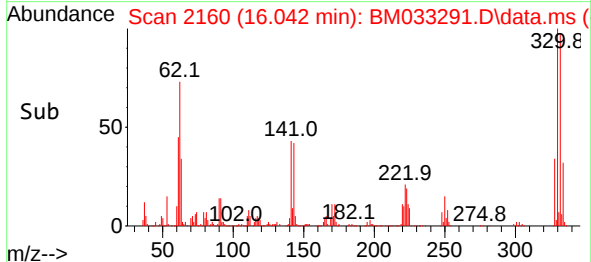
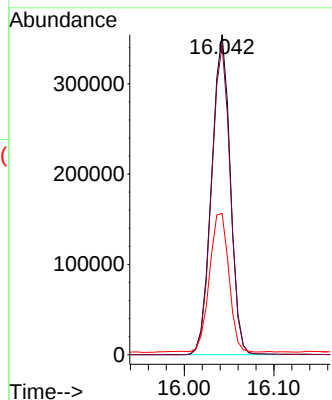
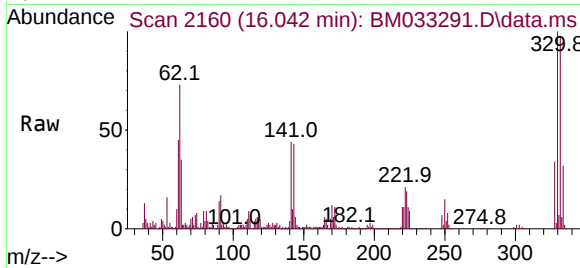




#42  
2,4,6-Tribromophenol  
Concen: 131.250 ng  
RT: 16.042 min Scan# 2160  
Delta R.T. 0.000 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

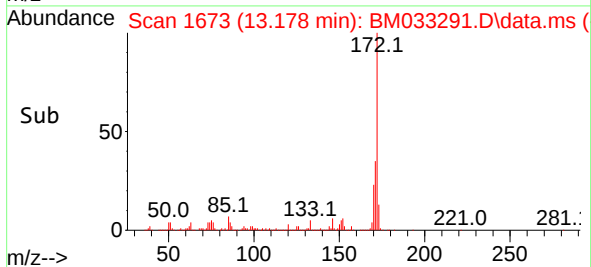
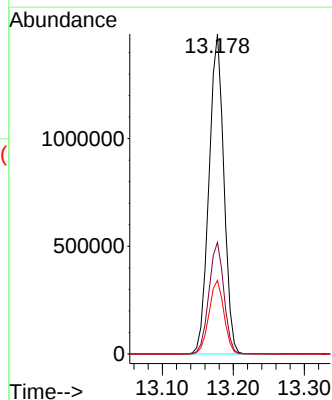
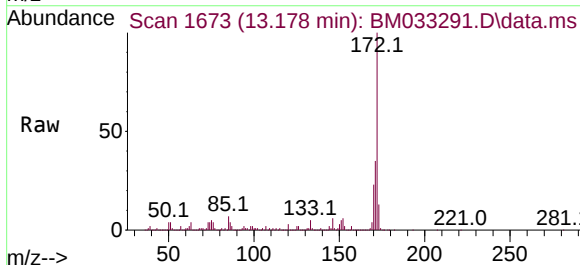
Instrument :  
BNA\_M  
ClientSampleId :  
MW-27

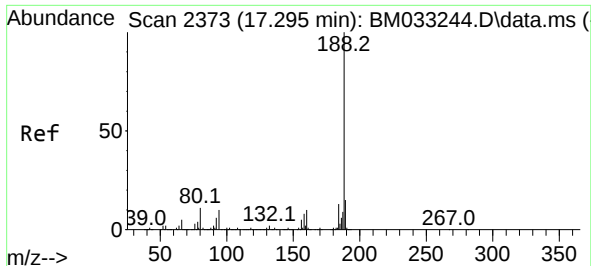
Tgt Ion:330 Resp: 512440  
Ion Ratio Lower Upper  
330 100  
332 96.9 75.7 113.5  
141 45.4 50.7 76.1#



#45  
2-Fluorobiphenyl  
Concen: 85.298 ng  
RT: 13.178 min Scan# 1673  
Delta R.T. -0.006 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

Tgt Ion:172 Resp: 2166232  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.1 42.1  
170 23.0 18.6 27.8

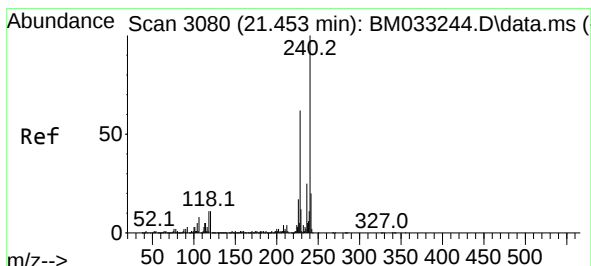
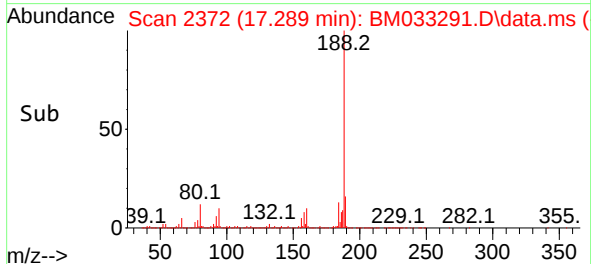
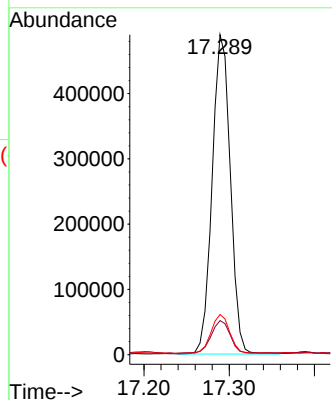
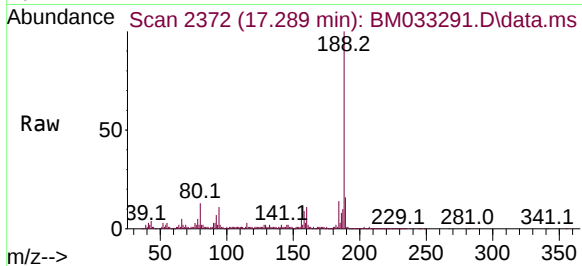




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.289 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

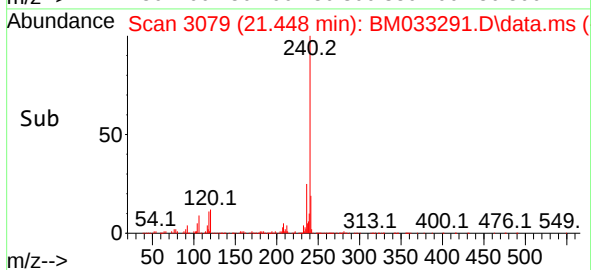
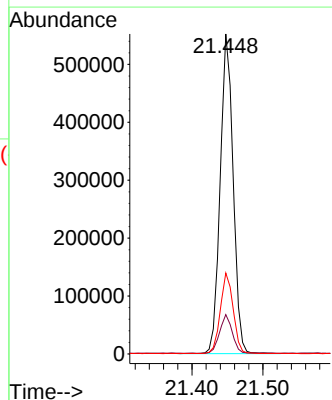
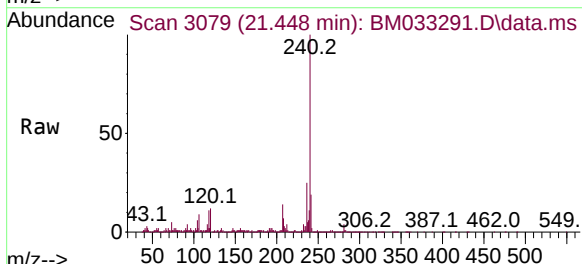
Instrument :  
BNA\_M  
ClientSampleId :  
MW-27

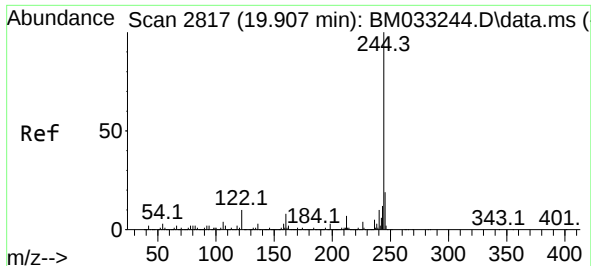
Tgt Ion:188 Resp: 724333  
Ion Ratio Lower Upper  
188 100  
94 10.6 6.3 9.5#  
80 12.5 7.3 10.9#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.448 min Scan# 3079  
Delta R.T. -0.006 min  
Lab File: BM033291.D  
Acq: 03 Dec 2021 18:01

Tgt Ion:240 Resp: 694224  
Ion Ratio Lower Upper  
240 100  
120 12.3 7.8 11.6#  
236 25.3 20.9 31.3

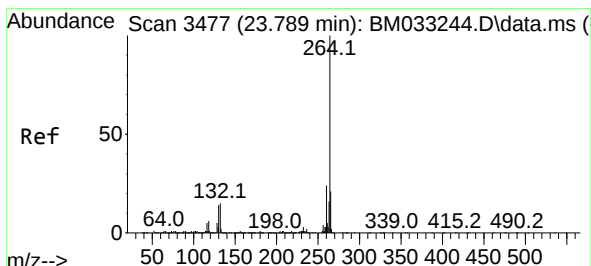
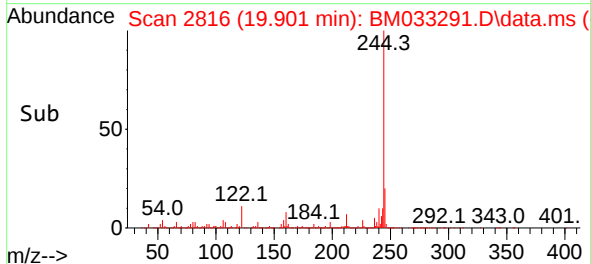
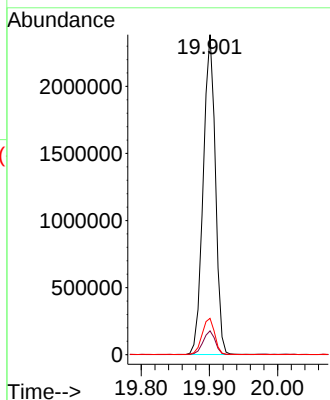
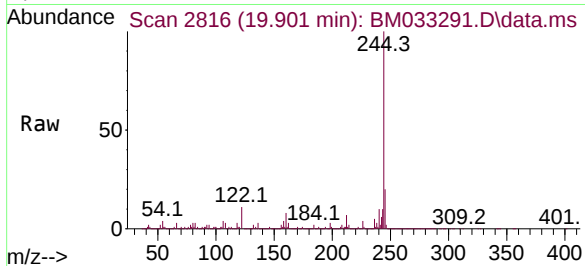




#79  
 Terphenyl-d14  
 Concen: 84.053 ng  
 RT: 19.901 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM033291.D  
 Acq: 03 Dec 2021 18:01

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-27

Tgt Ion:244 Resp: 2950953  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.5 9.7  
 122 11.4 8.7 13.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.783 min Scan# 3476  
 Delta R.T. -0.006 min  
 Lab File: BM033291.D  
 Acq: 03 Dec 2021 18:01

Tgt Ion:264 Resp: 693737  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.3 28.9  
 265 22.5 18.3 27.5

