

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120621\  
 Data File : BM033310.D  
 Acq On : 06 Dec 2021 13:46  
 Operator : CG/JU  
 Sample : M4917-16  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MW-32

Quant Time: Dec 07 03:06:56 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM112421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 06 13:01:33 2021  
 Response via : Initial Calibration

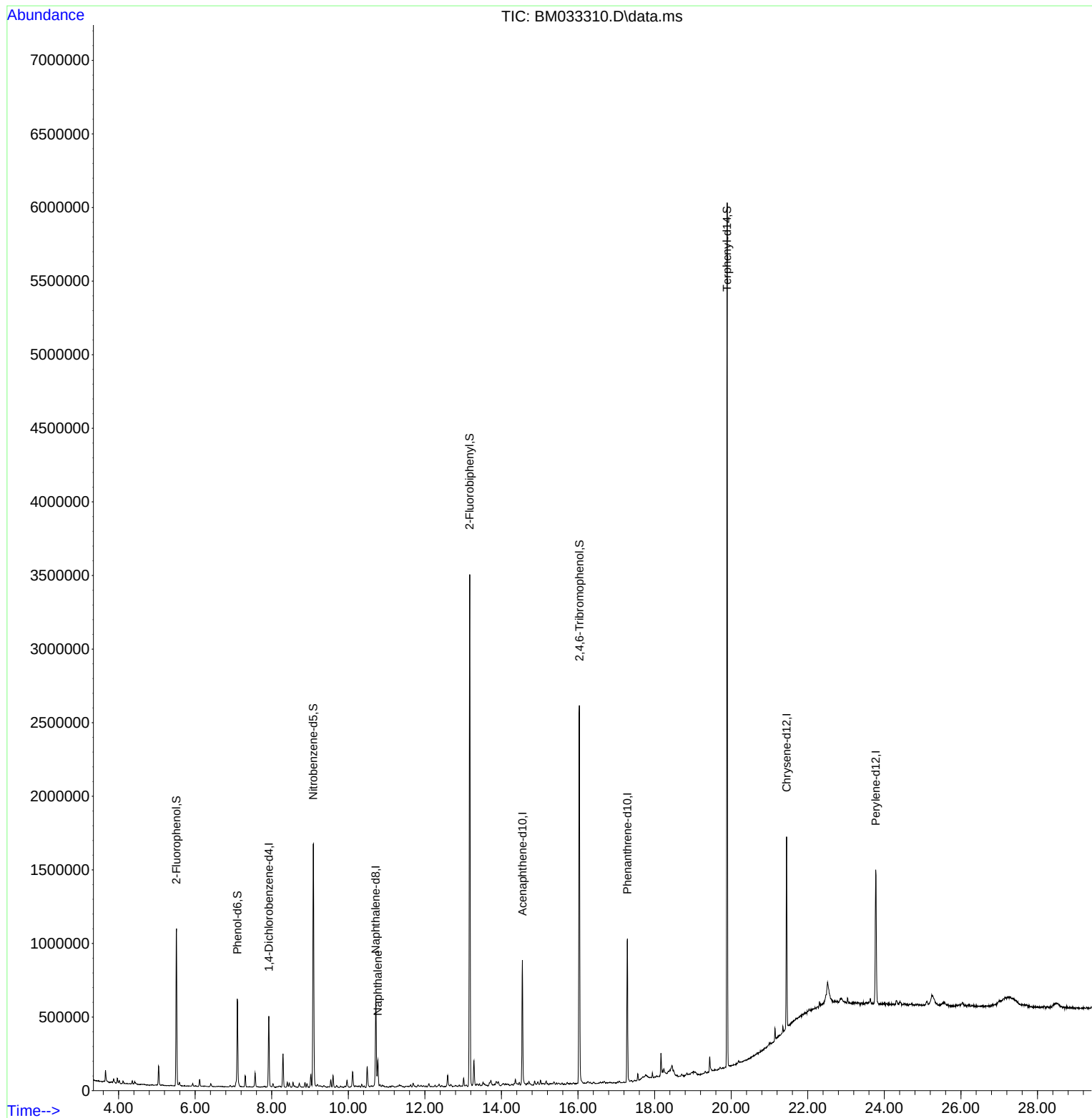
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)      |
|-----------------------------|--------|------|----------|---------|-------|---------------|
| -----                       |        |      |          |         |       |               |
| Internal Standards          |        |      |          |         |       |               |
| 1) 1,4-Dichlorobenzene-d4   | 7.925  | 152  | 119941   | 20.000  | ng    | -0.01         |
| 21) Naphthalene-d8          | 10.719 | 136  | 473169   | 20.000  | ng    | #-0.02        |
| 39) Acenaphthene-d10        | 14.548 | 164  | 278078   | 20.000  | ng    | -0.01         |
| 64) Phenanthrene-d10        | 17.289 | 188  | 581596   | 20.000  | ng    | # 0.00        |
| 76) Chrysene-d12            | 21.448 | 240  | 605566   | 20.000  | ng    | # 0.00        |
| 86) Perylene-d12            | 23.777 | 264  | 648232   | 20.000  | ng    | -0.01         |
| System Monitoring Compounds |        |      |          |         |       |               |
| 5) 2-Fluorophenol           | 5.513  | 112  | 421489   | 58.032  | ng    | 0.00          |
| 7) Phenol-d6                | 7.101  | 99   | 325791   | 33.492  | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 9.084  | 82   | 981471   | 96.294  | ng    | -0.02         |
| 42) 2,4,6-Tribromophenol    | 16.036 | 330  | 420901   | 138.851 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 13.172 | 172  | 1724516  | 87.461  | ng    | -0.01         |
| 79) Terphenyl-d14           | 19.895 | 244  | 2551300  | 83.309  | ng    | -0.01         |
| Target Compounds            |        |      |          |         |       |               |
| 31) Naphthalene             | 10.772 | 128  | 130931   | 5.246   | ng    | Qvalue<br>100 |
| -----                       |        |      |          |         |       |               |

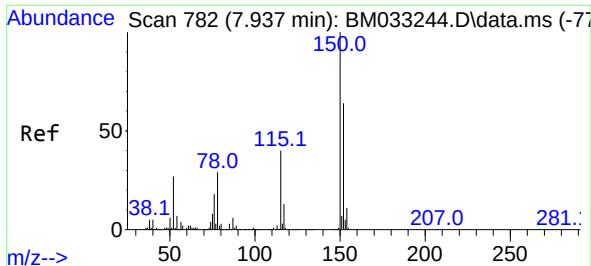
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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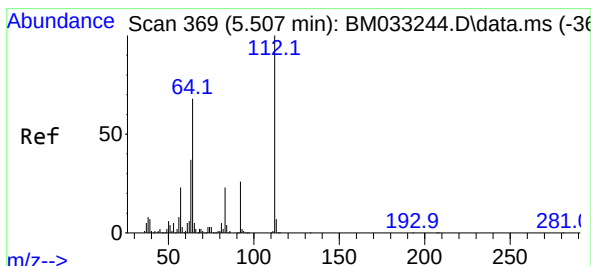
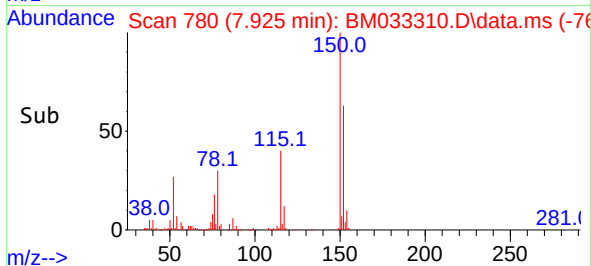
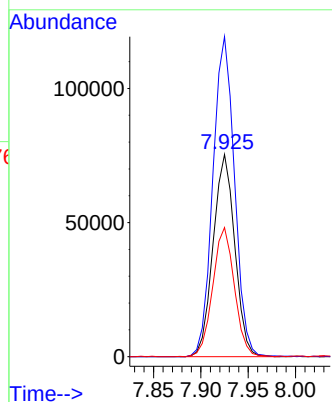
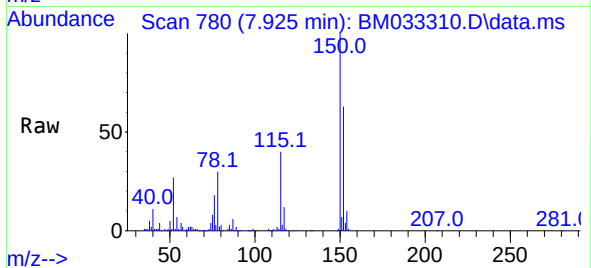




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.925 min Scan# 7  
Delta R.T. -0.012 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

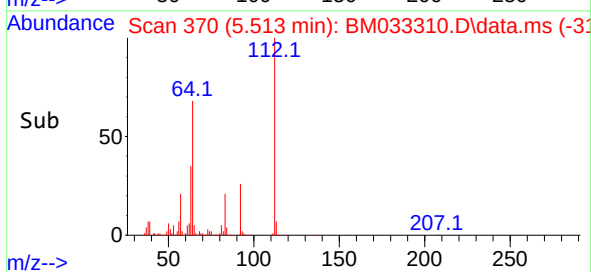
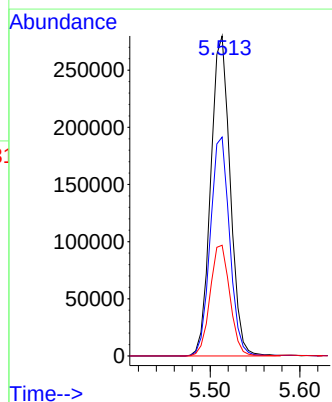
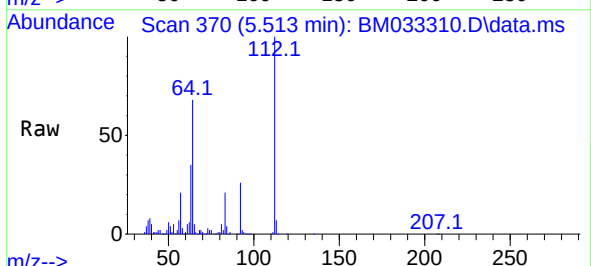
Instrument :  
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ClientSampleId :  
MW-32

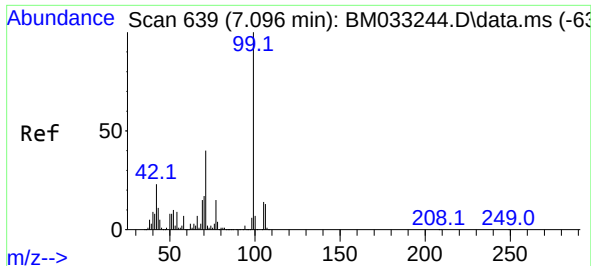
Tgt Ion:152 Resp: 119941  
Ion Ratio Lower Upper  
152 100  
150 158.2 122.4 183.6  
115 63.8 53.8 80.8



#5  
2-Fluorophenol  
Concen: 58.032 ng  
RT: 5.513 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

Tgt Ion:112 Resp: 421489  
Ion Ratio Lower Upper  
112 100  
64 68.4 53.7 80.5  
63 34.6 33.9 50.9

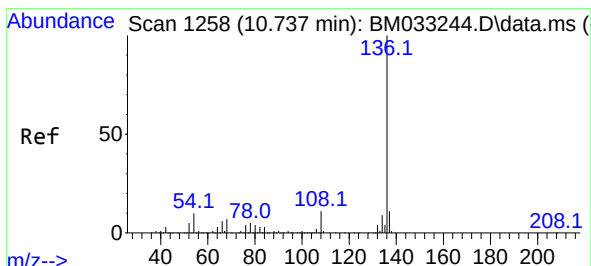
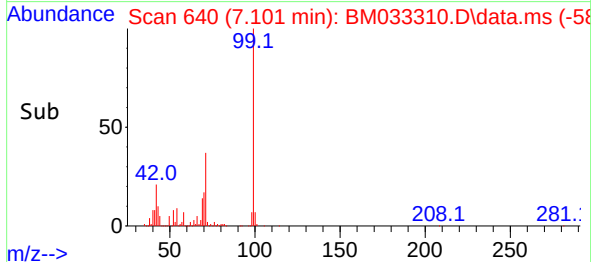
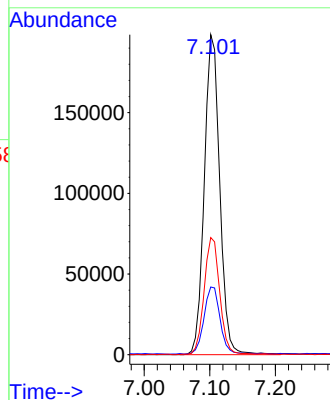
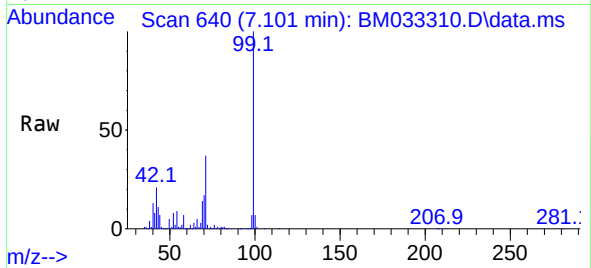




#7  
Phenol-d6  
Concen: 33.492 ng  
RT: 7.101 min Scan# 64  
Delta R.T. 0.006 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

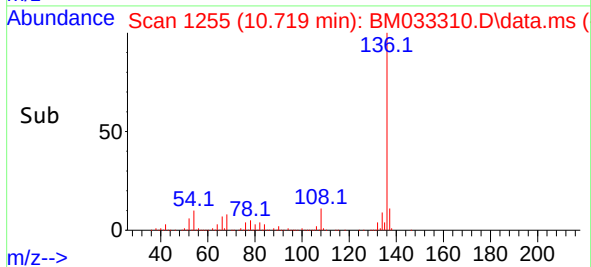
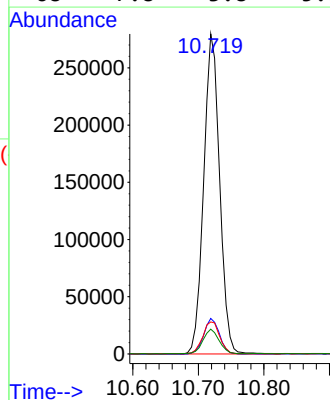
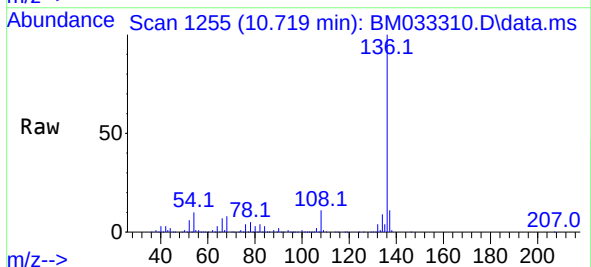
Instrument :  
BNA\_M  
ClientSampleId :  
MW-32

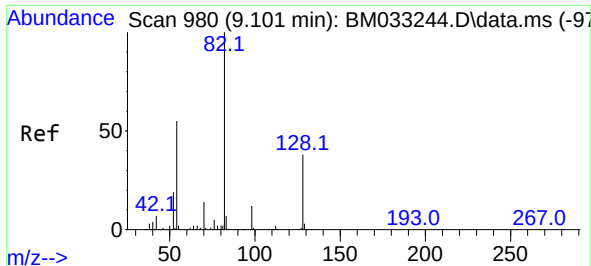
Tgt Ion: 99 Resp: 325791  
Ion Ratio Lower Upper  
99 100  
42 21.2 23.0 34.6#  
71 36.6 37.8 56.8#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.719 min Scan# 1255  
Delta R.T. -0.018 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

Tgt Ion: 136 Resp: 473169  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.7 13.1  
54 10.0 7.4 11.0  
68 7.8 3.8 5.8#

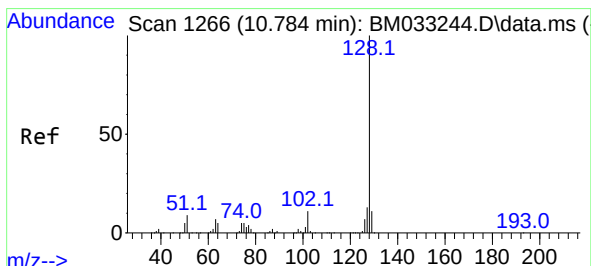
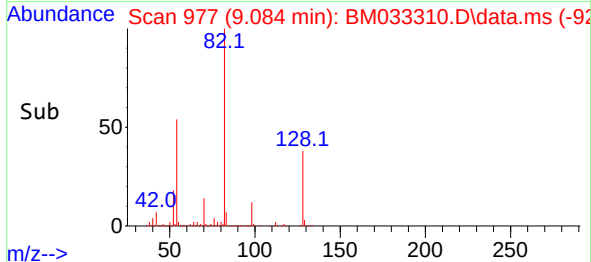
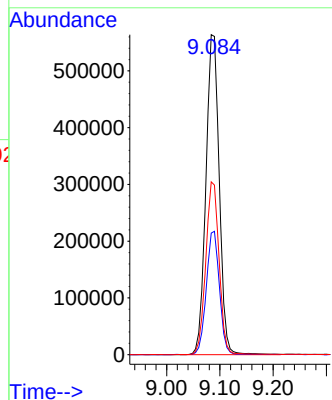
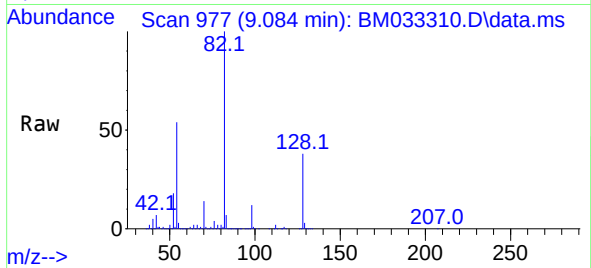




#23  
Nitrobenzene-d5  
Concen: 96.294 ng  
RT: 9.084 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

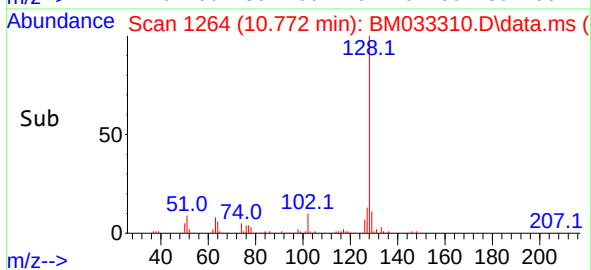
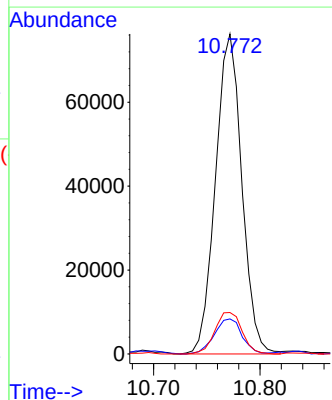
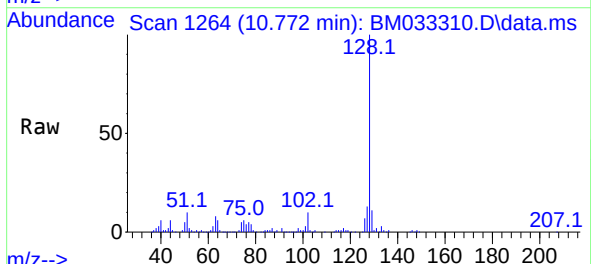
Instrument :  
BNA\_M  
ClientSampleId :  
MW-32

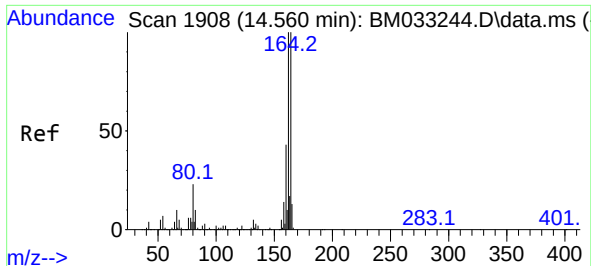
Tgt Ion: 82 Resp: 981471  
Ion Ratio Lower Upper  
82 100  
128 38.0 29.0 43.6  
54 54.0 45.8 68.8



#31  
Naphthalene  
Concen: 5.246 ng  
RT: 10.772 min Scan# 1264  
Delta R.T. -0.012 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

Tgt Ion:128 Resp: 130931  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 12.9 10.4 15.6

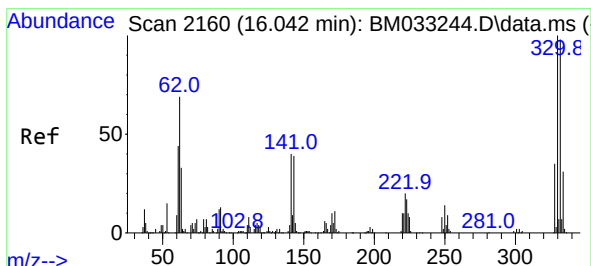
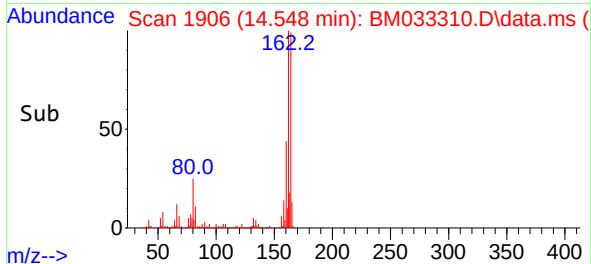
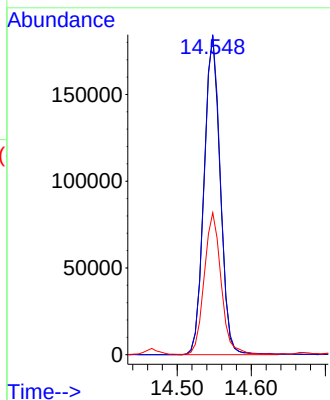
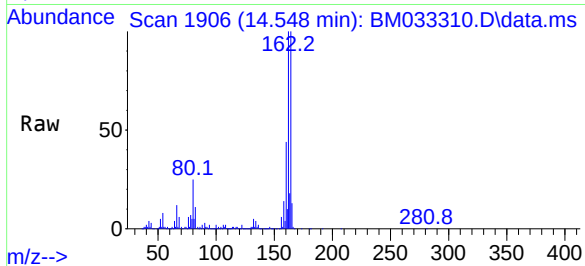




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.548 min Scan# 1906  
Delta R.T. -0.012 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

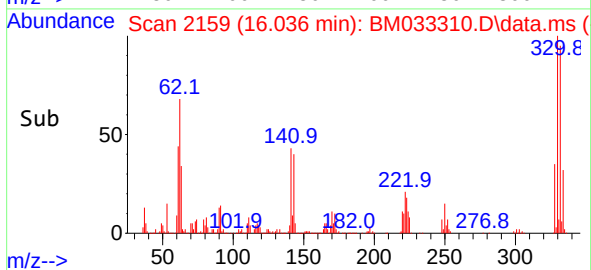
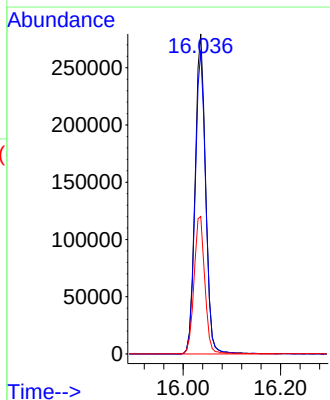
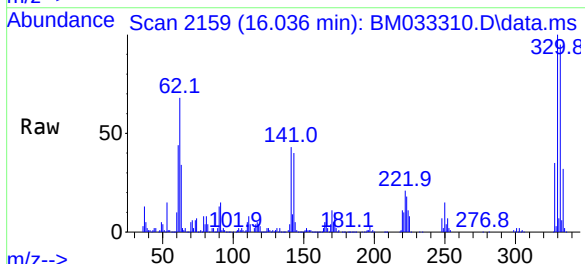
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ClientSampleId :  
MW-32

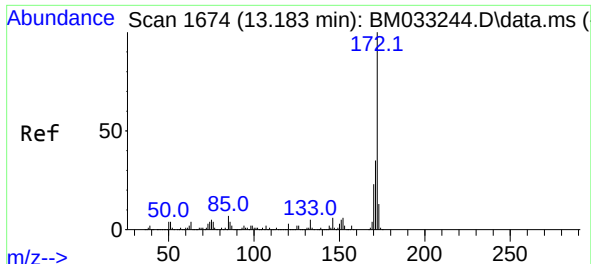
Tgt Ion:164 Resp: 278078  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.6 121.0  
160 44.6 35.1 52.7



#42  
2,4,6-Tribromophenol  
Concen: 138.851 ng  
RT: 16.036 min Scan# 2159  
Delta R.T. -0.006 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

Tgt Ion:330 Resp: 420901  
Ion Ratio Lower Upper  
330 100  
332 95.0 75.7 113.5  
141 44.3 50.7 76.1#

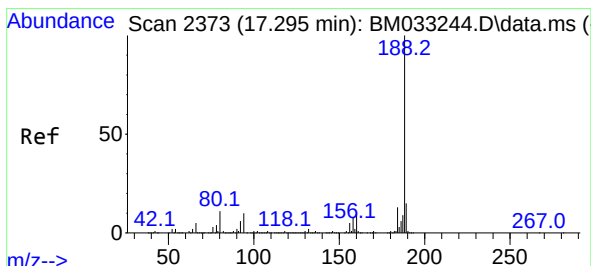
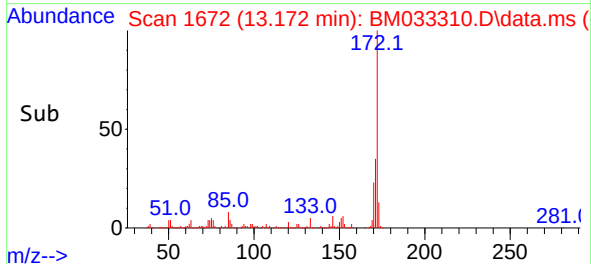
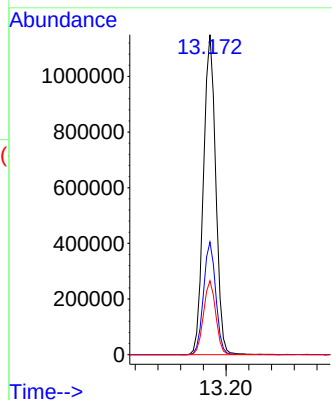
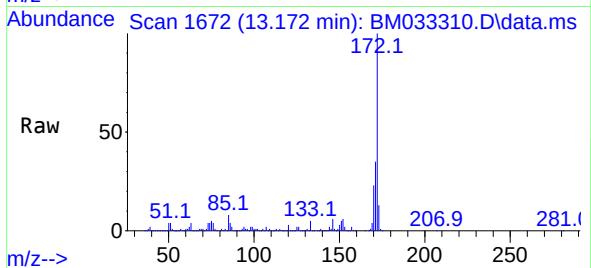




#45  
2-Fluorobiphenyl  
Concen: 87.461 ng  
RT: 13.172 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

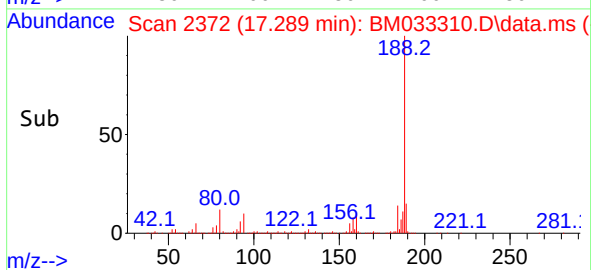
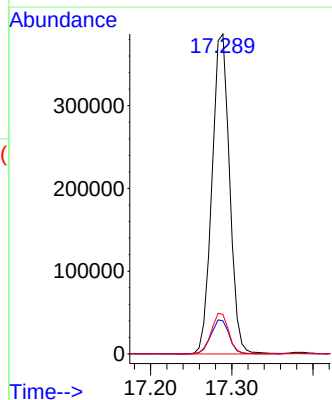
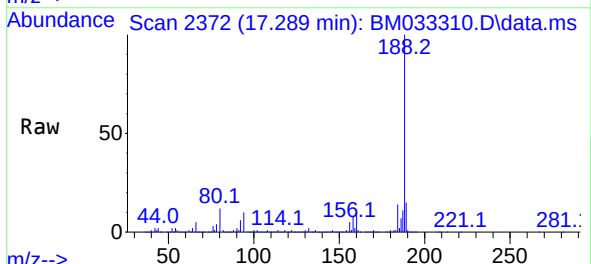
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ClientSampleId :  
MW-32

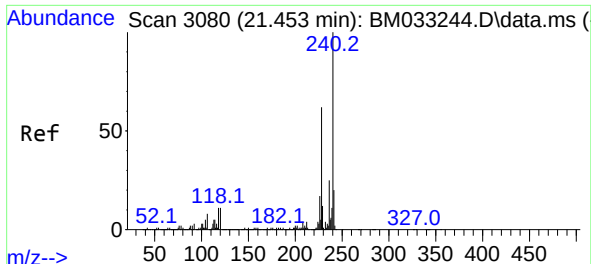
Tgt Ion:172 Resp: 1724516  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.1 42.1  
170 23.1 18.6 27.8



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.289 min Scan# 2372  
Delta R.T. -0.006 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

Tgt Ion:188 Resp: 581596  
Ion Ratio Lower Upper  
188 100  
94 10.3 6.3 9.5#  
80 12.4 7.3 10.9#

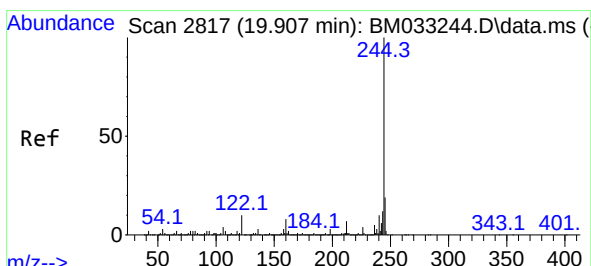
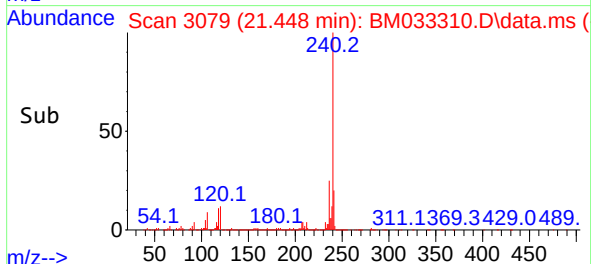
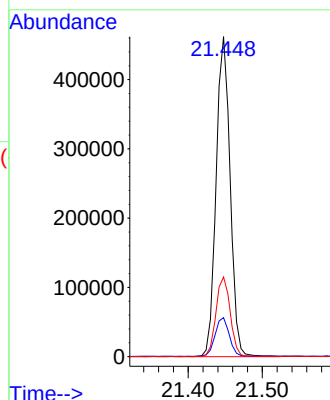
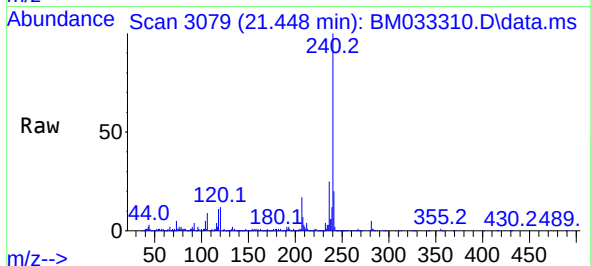




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.448 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

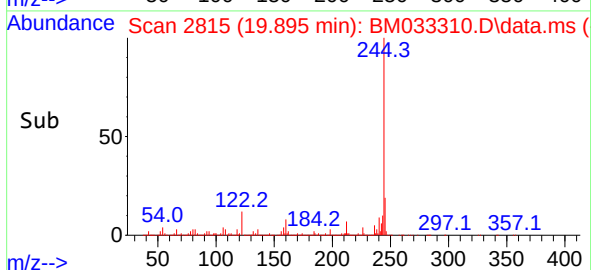
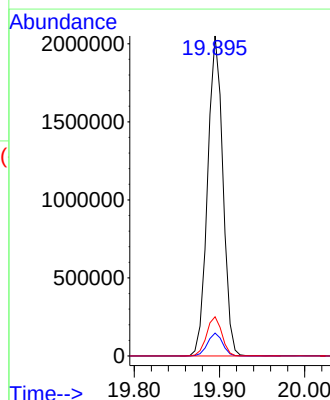
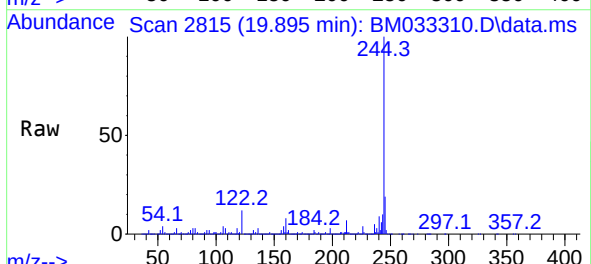
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MW-32

Tgt Ion:240 Resp: 605566  
Ion Ratio Lower Upper  
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120 12.2 7.8 11.6#  
236 24.9 20.9 31.3

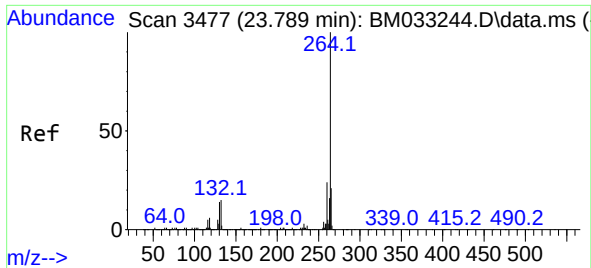


#79  
Terphenyl-d14  
Concen: 83.309 ng  
RT: 19.895 min Scan# 2815  
Delta R.T. -0.012 min  
Lab File: BM033310.D  
Acq: 06 Dec 2021 13:46

Tgt Ion:244 Resp: 2551300  
Ion Ratio Lower Upper  
244 100  
212 7.1 6.5 9.7  
122 12.3 8.7 13.1







#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.777 min Scan# 34  
 Delta R.T. -0.012 min  
 Lab File: BM033310.D  
 Acq: 06 Dec 2021 13:46

Instrument :  
 BNA\_M  
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 MW-32

Tgt Ion:264 Resp: 648232  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.3 28.9  
 265 22.4 18.3 27.5

