

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032724\  
 Data File : BM044778.D  
 Acq On : 27 Mar 2024 14:29  
 Operator : MA/JU  
 Sample : PB159793BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB159793BL

Quant Time: Mar 27 14:59:32 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 02:28:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.687  | 152  | 210359   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.469 | 136  | 798997   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.333 | 164  | 422531   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.092 | 188  | 792999   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.292 | 240  | 547584   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.539 | 264  | 644995   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.299  | 112  | 1781467  | 121.592 | ng    | 0.00     |
| 7) Phenol-d6                | 6.875  | 99   | 2175962  | 115.443 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.851  | 82   | 1357250  | 81.836  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.839 | 330  | 595682   | 127.819 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.951 | 172  | 2553004  | 83.214  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.739 | 244  | 2877829  | 91.937  | ng    | 0.00     |

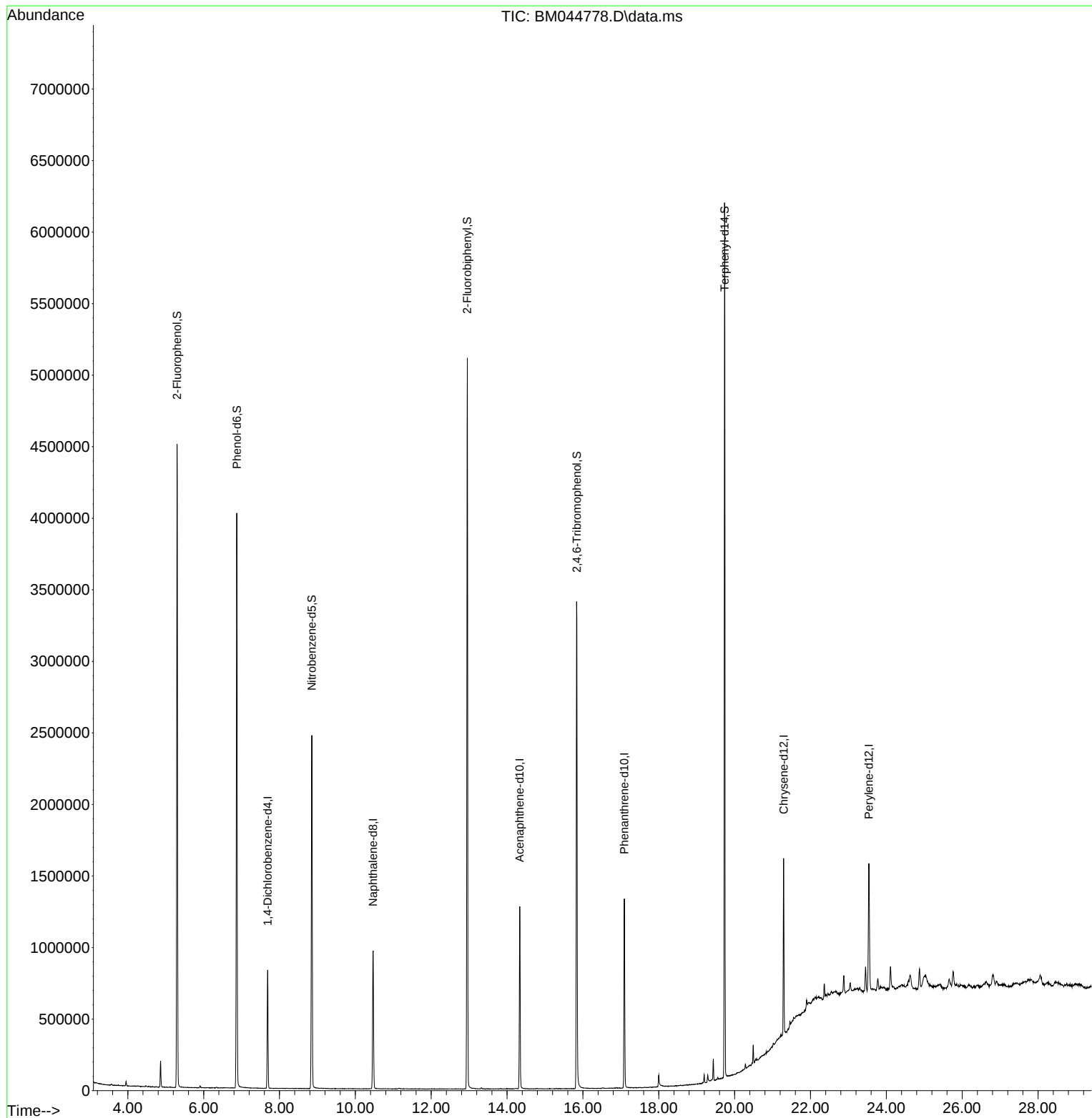
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

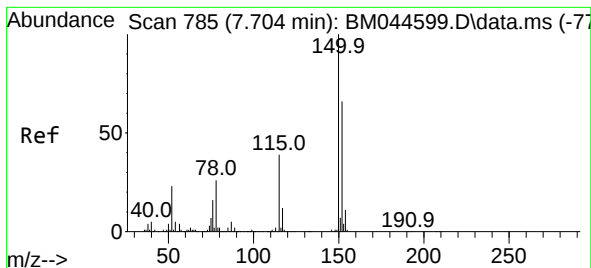
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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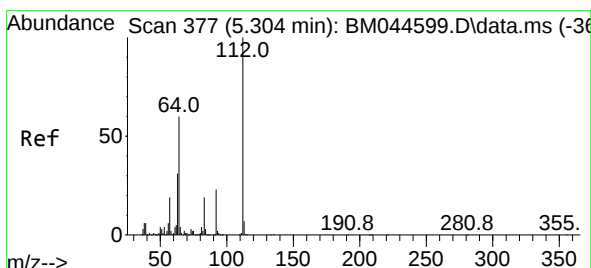
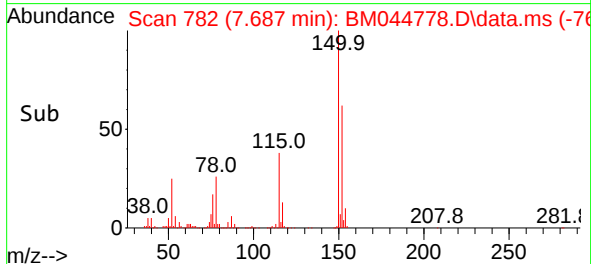
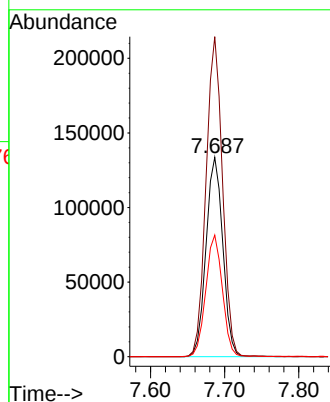
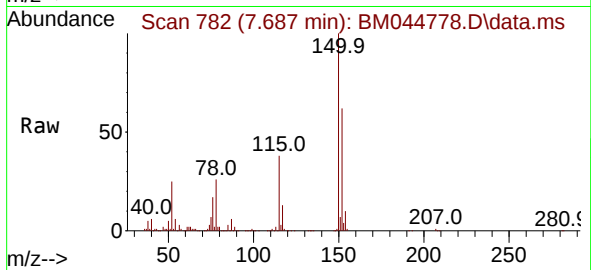




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.687 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BM044778.D  
Acq: 27 Mar 2024 14:29

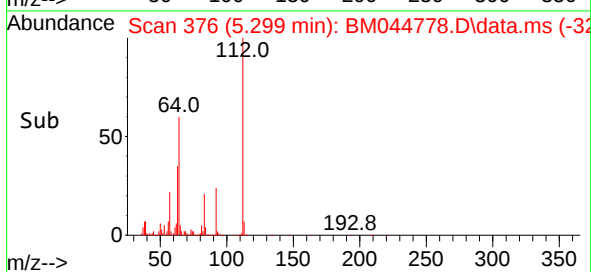
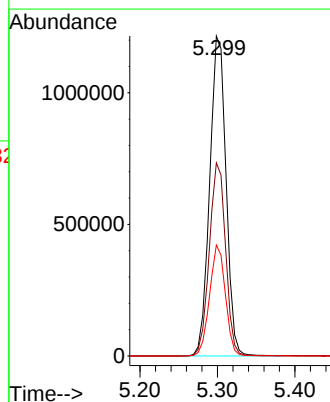
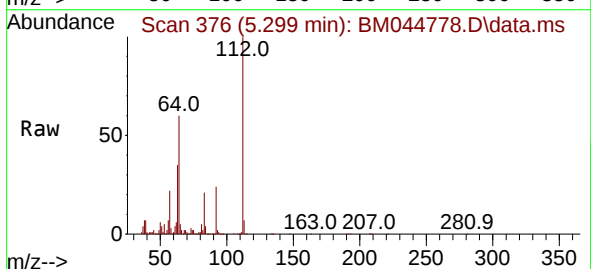
Instrument :  
BNA\_M  
ClientSampleId :  
PB159793BL

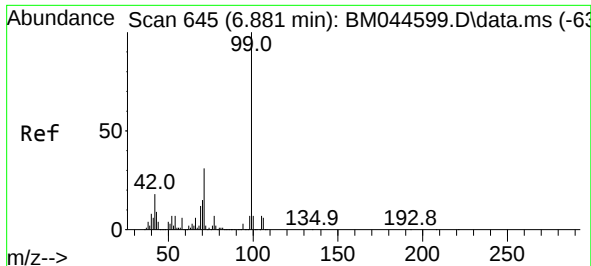
Tgt Ion:152 Resp: 210359  
Ion Ratio Lower Upper  
152 100  
150 160.5 121.9 182.9  
115 61.0 47.1 70.7



#5  
2-Fluorophenol  
Concen: 121.592 ng  
RT: 5.299 min Scan# 376  
Delta R.T. -0.006 min  
Lab File: BM044778.D  
Acq: 27 Mar 2024 14:29

Tgt Ion:112 Resp: 1781467  
Ion Ratio Lower Upper  
112 100  
64 60.4 47.9 71.9  
63 34.6 25.0 37.4

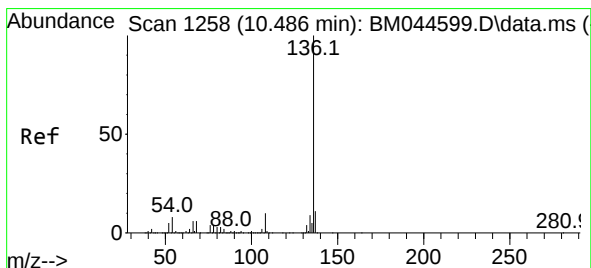
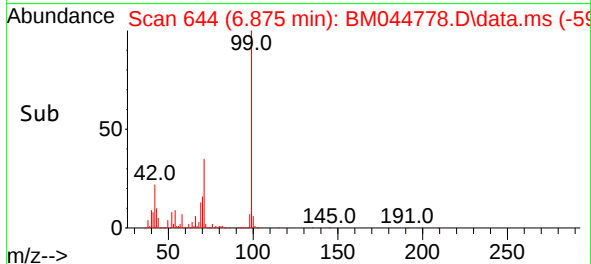
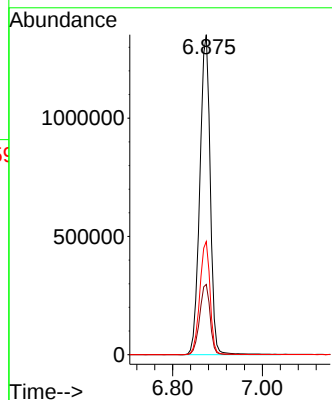
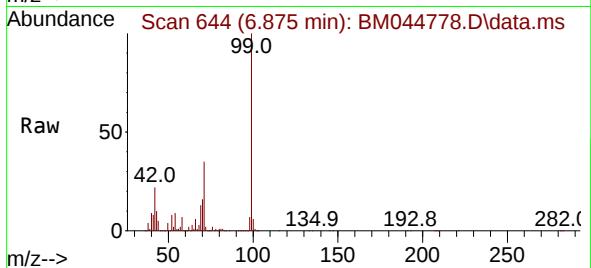




#7  
Phenol-d6  
Concen: 115.443 ng  
RT: 6.875 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BM044778.D  
Acq: 27 Mar 2024 14:29

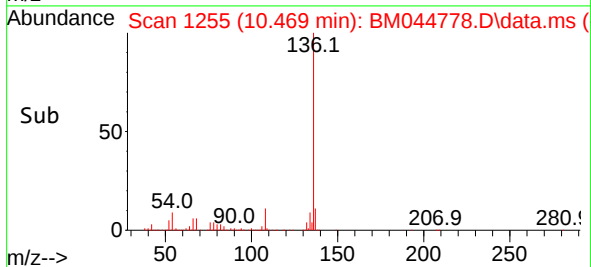
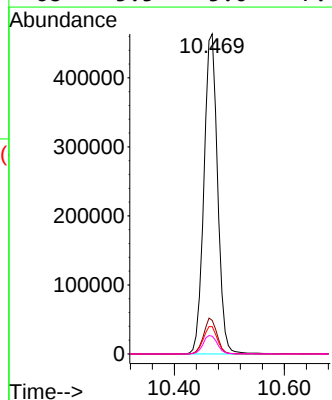
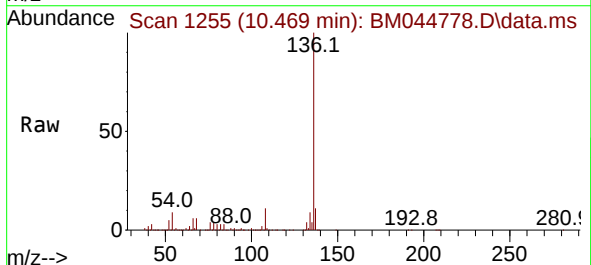
Instrument :  
BNA\_M  
ClientSampleId :  
PB159793BL

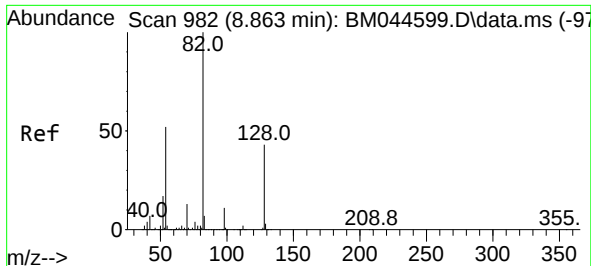
Tgt Ion: 99 Resp: 2175962  
Ion Ratio Lower Upper  
99 100  
42 21.9 14.3 21.5#  
71 35.4 24.5 36.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.469 min Scan# 1255  
Delta R.T. -0.018 min  
Lab File: BM044778.D  
Acq: 27 Mar 2024 14:29

Tgt Ion: 136 Resp: 798997  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.9 13.3  
54 8.5 6.6 10.0  
68 5.5 5.0 7.4

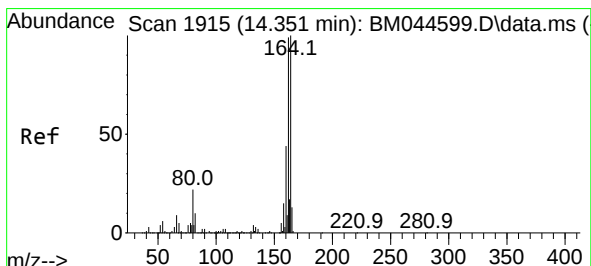
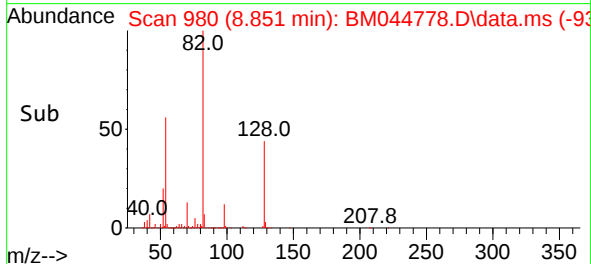
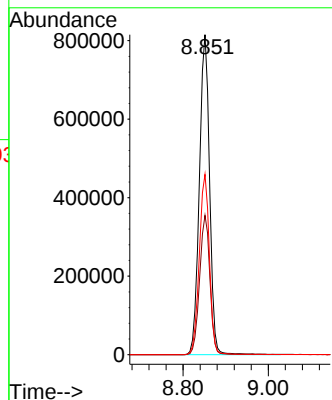
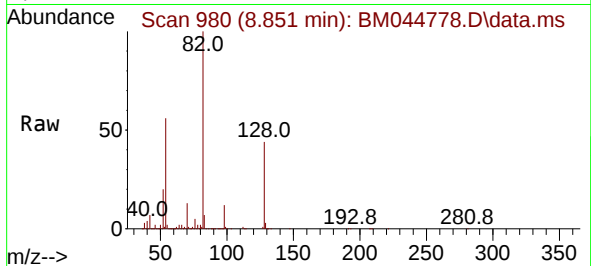




#23  
 Nitrobenzene-d5  
 Concen: 81.836 ng  
 RT: 8.851 min Scan# 91  
 Delta R.T. -0.012 min  
 Lab File: BM044778.D  
 Acq: 27 Mar 2024 14:29

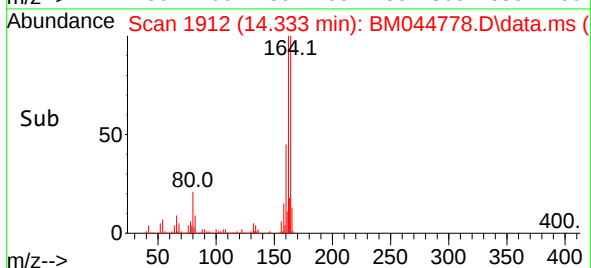
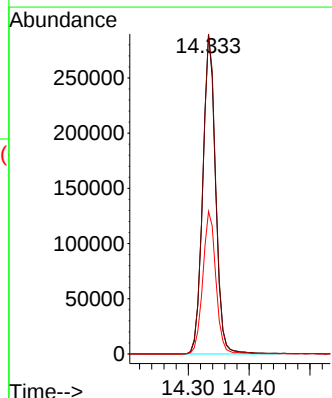
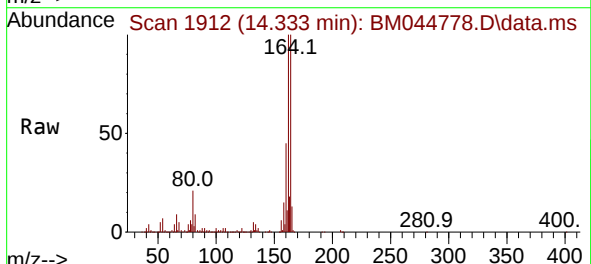
Instrument :  
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 ClientSampleId :  
 PB159793BL

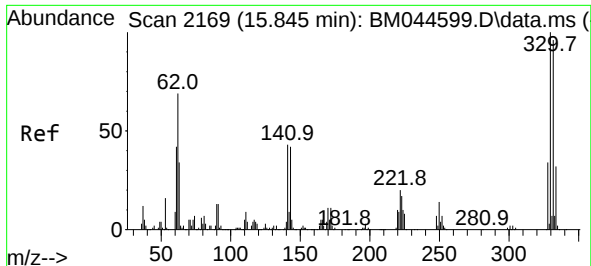
Tgt Ion: 82 Resp: 1357250  
 Ion Ratio Lower Upper  
 82 100  
 128 43.6 34.2 51.4  
 54 56.4 41.3 61.9



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.333 min Scan# 1912  
 Delta R.T. -0.018 min  
 Lab File: BM044778.D  
 Acq: 27 Mar 2024 14:29

Tgt Ion:164 Resp: 422531  
 Ion Ratio Lower Upper  
 164 100  
 162 99.9 79.3 118.9  
 160 44.6 35.2 52.8

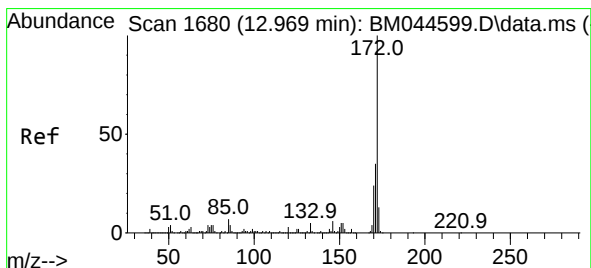
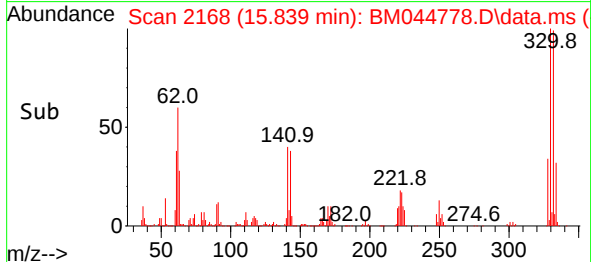
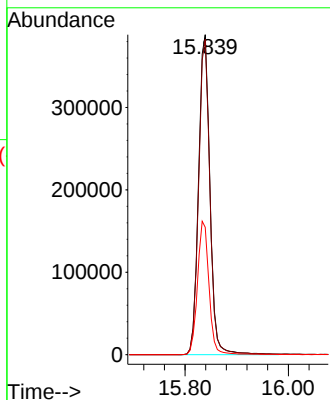
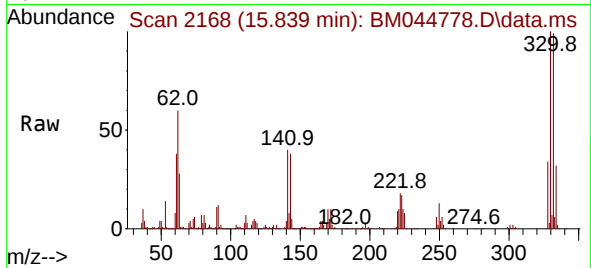




#42  
2,4,6-Tribromophenol  
Concen: 127.819 ng  
RT: 15.839 min Scan# 2168  
Delta R.T. -0.006 min  
Lab File: BM044778.D  
Acq: 27 Mar 2024 14:29

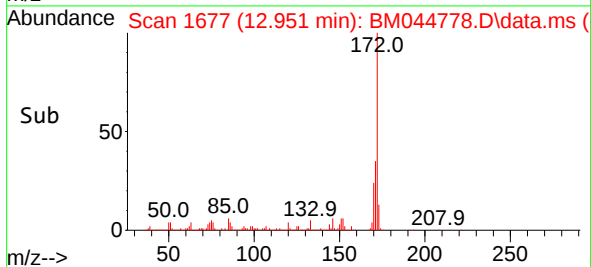
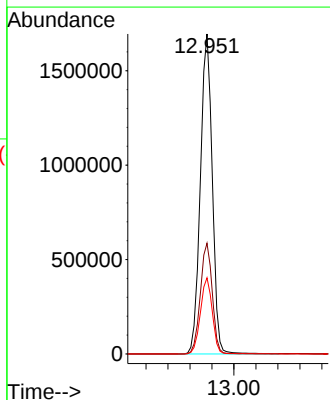
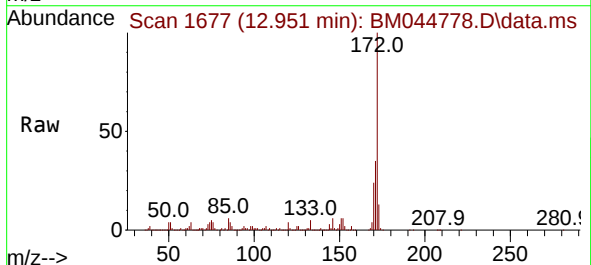
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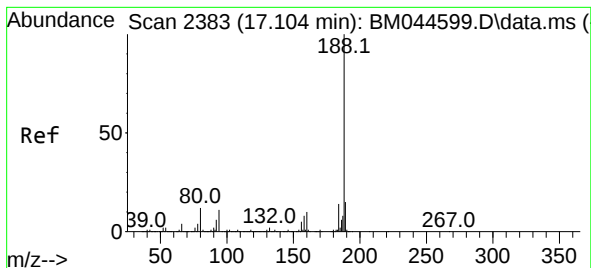
Tgt Ion:330 Resp: 595682  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.8  
141 42.1 33.4 50.0



#45  
2-Fluorobiphenyl  
Concen: 83.214 ng  
RT: 12.951 min Scan# 1677  
Delta R.T. -0.018 min  
Lab File: BM044778.D  
Acq: 27 Mar 2024 14:29

Tgt Ion:172 Resp: 2553004  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.2 42.2  
170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM044778.D

Acq: 27 Mar 2024 14:29

Instrument :

BNA\_M

ClientSampleId :

PB159793BL

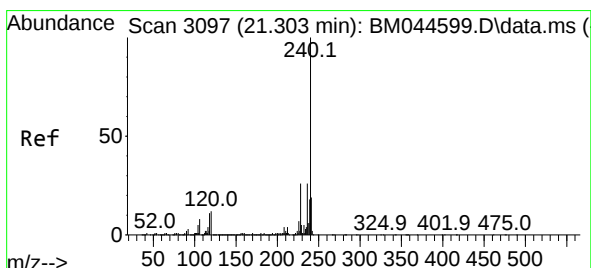
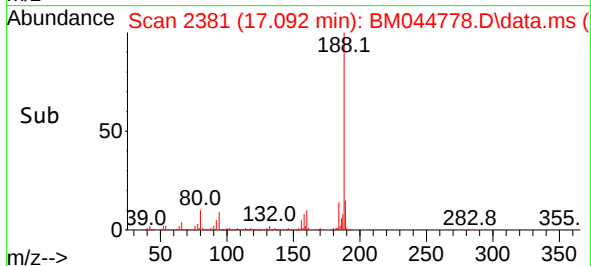
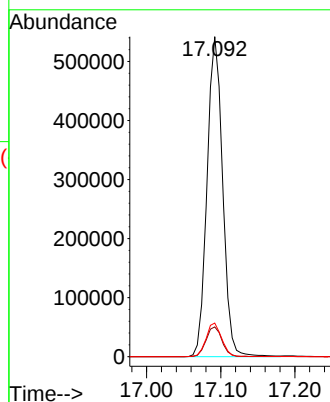
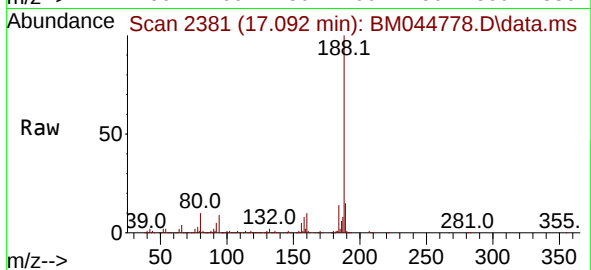
Tgt Ion:188 Resp: 792999

Ion Ratio Lower Upper

188 100

94 9.3 8.4 12.6

80 10.5 9.4 14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.292 min Scan# 3095

Delta R.T. -0.012 min

Lab File: BM044778.D

Acq: 27 Mar 2024 14:29

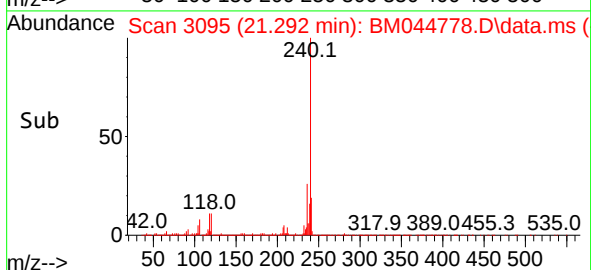
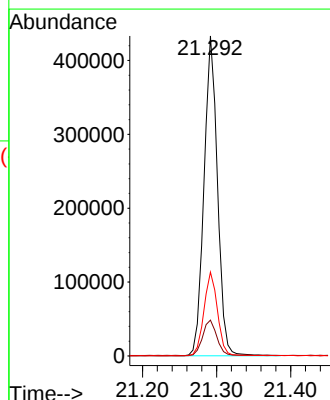
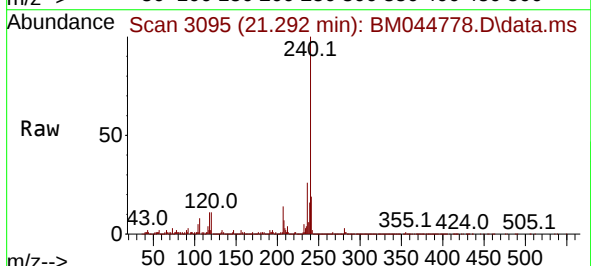
Tgt Ion:240 Resp: 547584

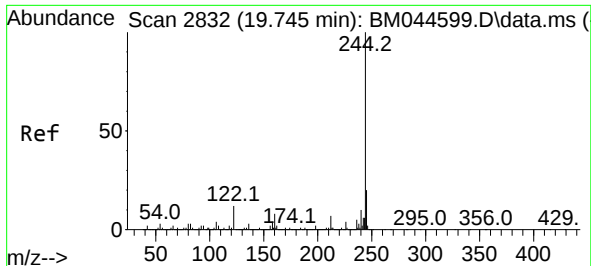
Ion Ratio Lower Upper

240 100

120 11.2 9.7 14.5

236 26.2 21.0 31.4

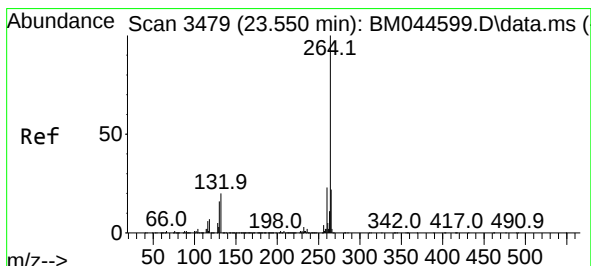
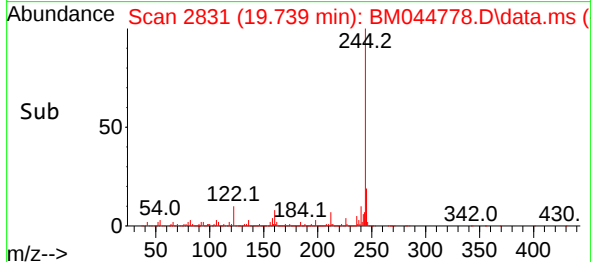
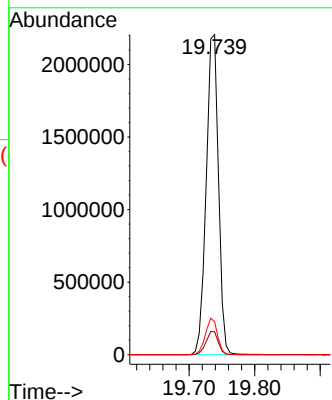
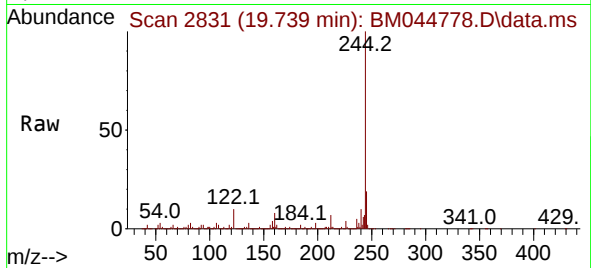




#79  
Terphenyl-d14  
Concen: 91.937 ng  
RT: 19.739 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM044778.D  
Acq: 27 Mar 2024 14:29

Instrument :  
BNA\_M  
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PB159793BL

Tgt Ion:244 Resp: 2877829  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.5 8.3  
122 10.3 9.7 14.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.539 min Scan# 3477  
Delta R.T. -0.012 min  
Lab File: BM044778.D  
Acq: 27 Mar 2024 14:29

Tgt Ion:264 Resp: 644995  
Ion Ratio Lower Upper  
264 100  
260 24.7 18.3 27.5  
265 23.6 17.5 26.3

