

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
 Data File : BF138402.D  
 Acq On : 01 Jul 2024 14:37  
 Operator : CG\JU  
 Sample : P3092-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW6-20240626

Quant Time: Jul 01 15:00:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 29 02:44:30 2024  
 Response via : Initial Calibration

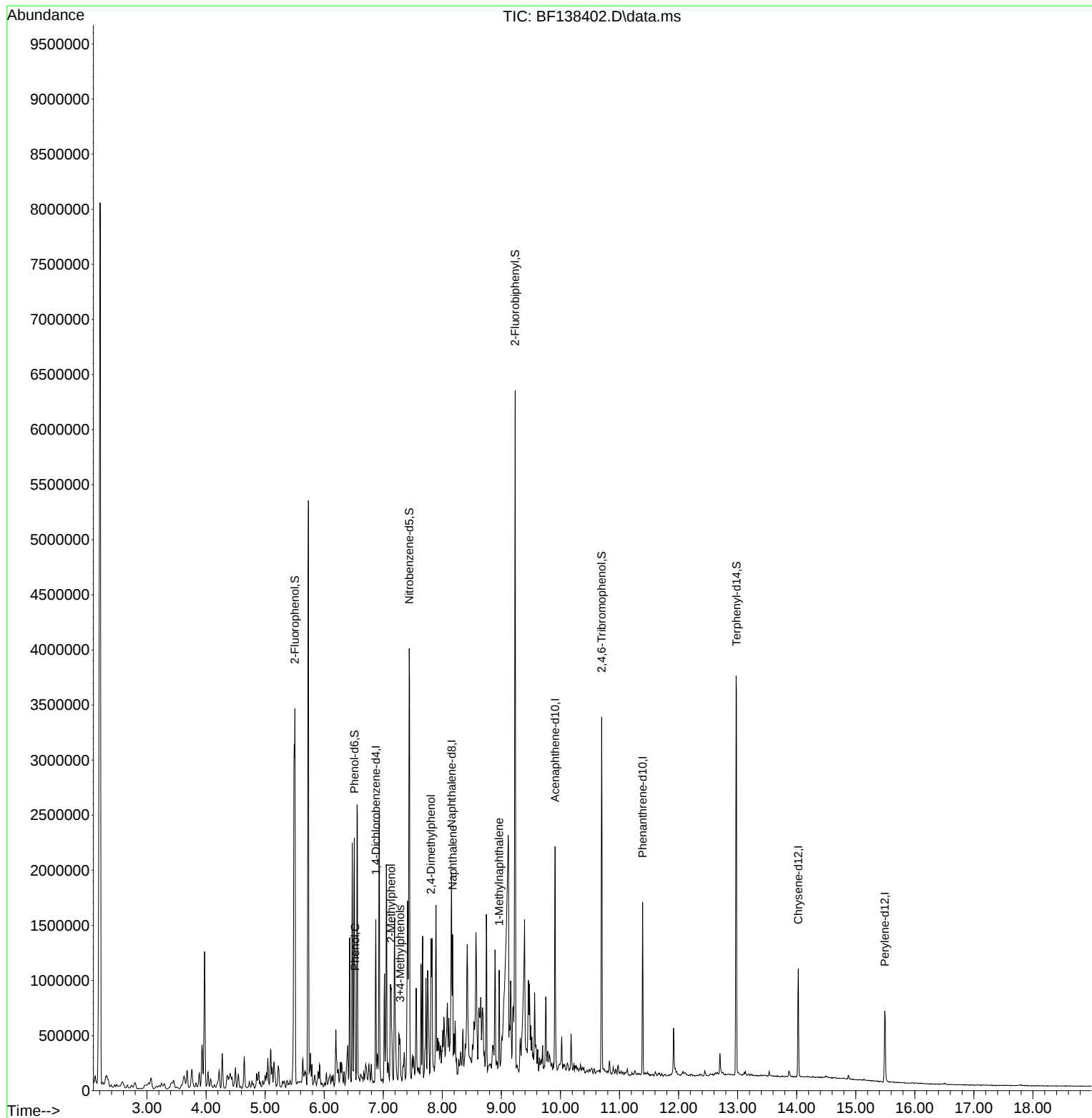
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 182194   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 702961   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 385210   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.392 | 188  | 511118   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.027 | 240  | 307249   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.492 | 264  | 298037   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 857863   | 78.065  | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 740066   | 49.993  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 1222140  | 90.314  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 362338   | 115.130 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 1877951  | 77.586  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 1339771  | 59.758  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 10) Phenol                  | 6.522  | 94   | 120937   | 7.668   | ng    | 90       |
| 17) 2-Methylphenol          | 7.134  | 107  | 73170    | 7.484   | ng    | 98       |
| 20) 3+4-Methylphenols       | 7.287  | 107  | 43652    | 3.843   | ng    | # 69     |
| 27) 2,4-Dimethylphenol      | 7.810  | 122  | 231734   | 30.499  | ng    | 98       |
| 31) Naphthalene             | 8.175  | 128  | 357111   | 10.049  | ng    | 98       |
| 38) 1-Methylnaphthalene     | 8.963  | 142  | 75270    | 3.379   | ng    | 98       |
| -----                       |        |      |          |         |       |          |

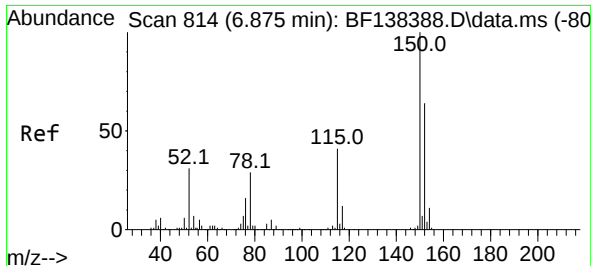
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 01 15:00:45 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jun 29 02:44:30 2024  
Response via : Initial Calibration

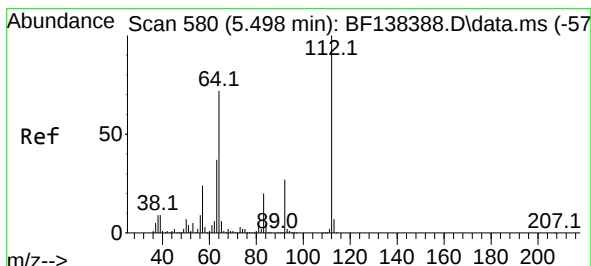
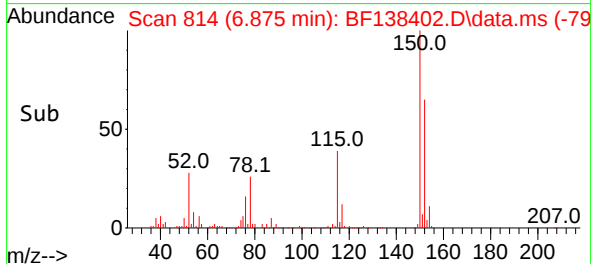
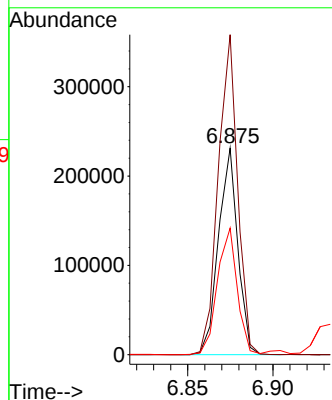
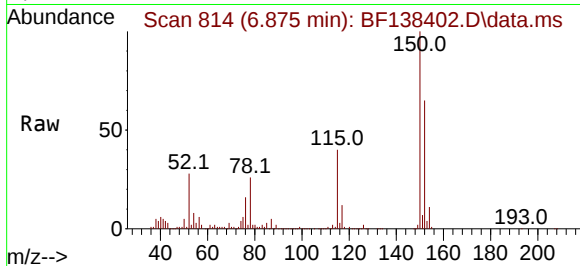




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 814  
 Delta R.T. -0.000 min  
 Lab File: BF138402.D  
 Acq: 01 Jul 2024 14:37

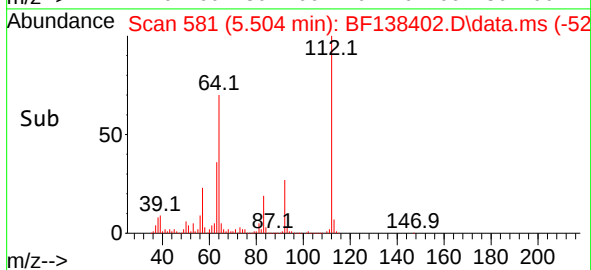
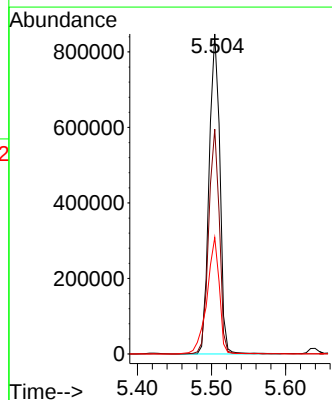
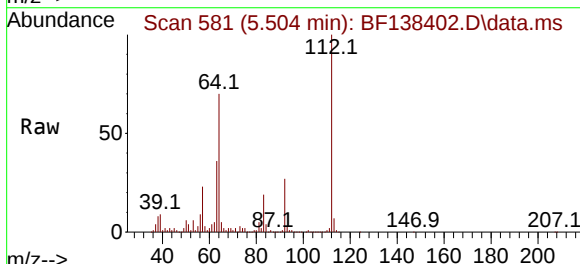
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW6-20240626

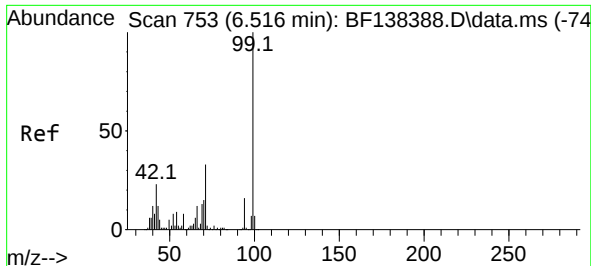
Tgt Ion:152 Resp: 182194  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 124.9 187.3  
 115 61.2 50.8 76.2



#5  
 2-Fluorophenol  
 Concen: 78.065 ng  
 RT: 5.504 min Scan# 581  
 Delta R.T. 0.006 min  
 Lab File: BF138402.D  
 Acq: 01 Jul 2024 14:37

Tgt Ion:112 Resp: 857863  
 Ion Ratio Lower Upper  
 112 100  
 64 70.3 57.2 85.8  
 63 36.4 29.4 44.0





#7

Phenol-d6

Concen: 49.993 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

Instrument :

BNA\_F

ClientSampleId :

MW6-20240626

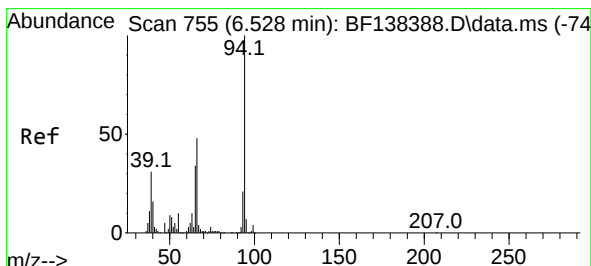
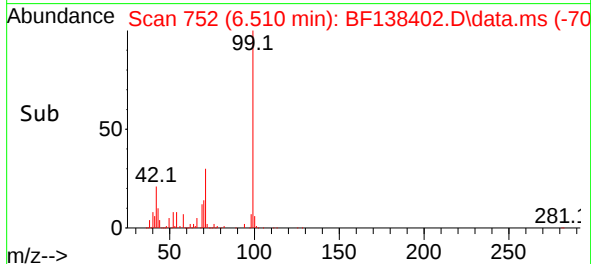
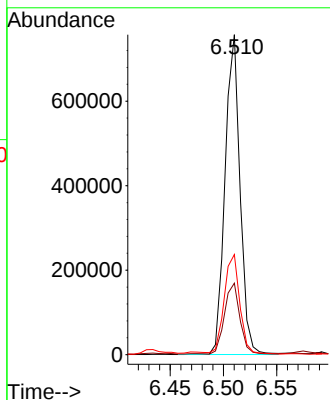
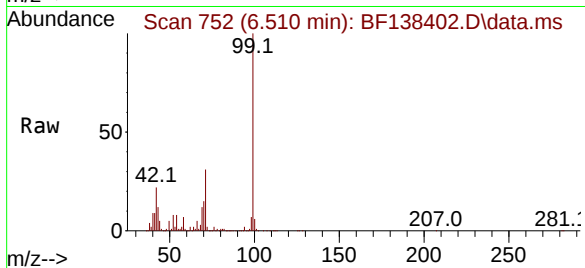
Tgt Ion: 99 Resp: 740066

Ion Ratio Lower Upper

99 100

42 22.3 18.5 27.7

71 31.3 26.1 39.1



#10

Phenol

Concen: 7.668 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.006 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

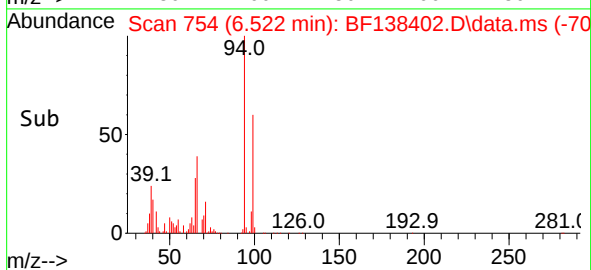
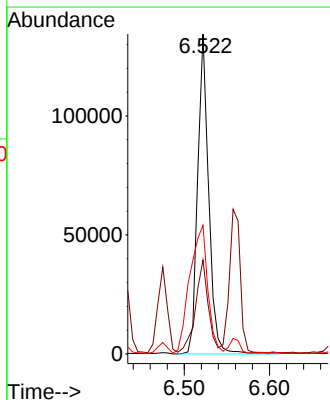
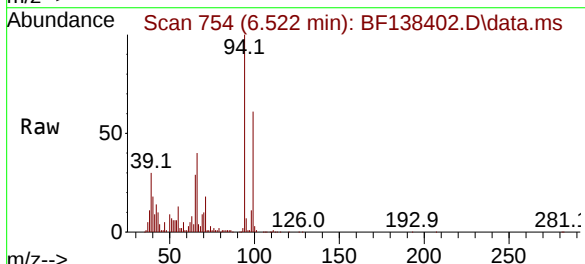
Tgt Ion: 94 Resp: 120937

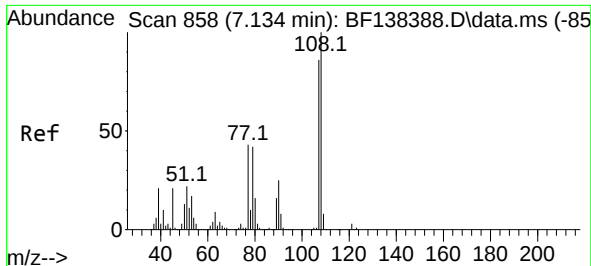
Ion Ratio Lower Upper

94 100

65 29.3 14.2 54.2

66 40.2 27.9 67.9

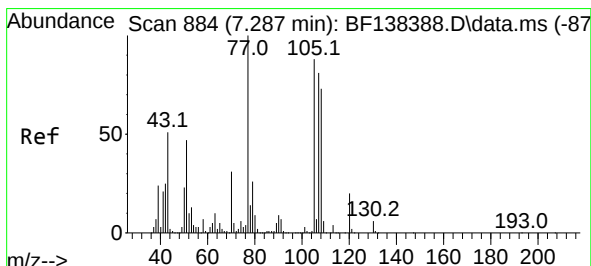
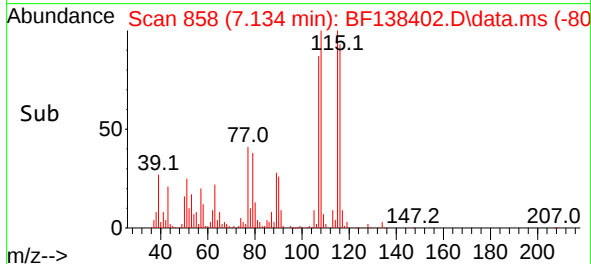
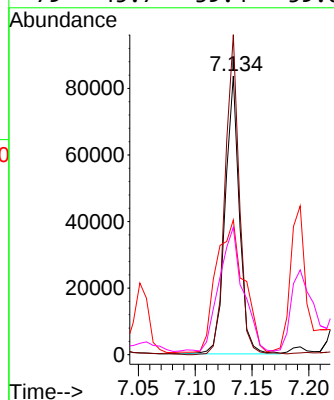
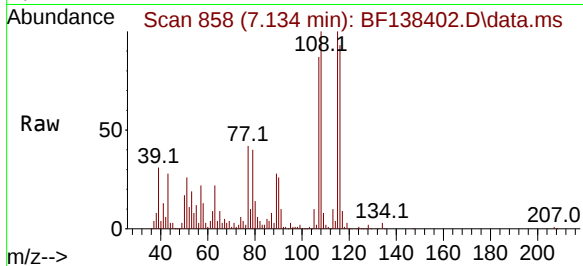




#17  
2-Methylphenol  
Concen: 7.484 ng  
RT: 7.134 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BF138402.D  
Acq: 01 Jul 2024 14:37

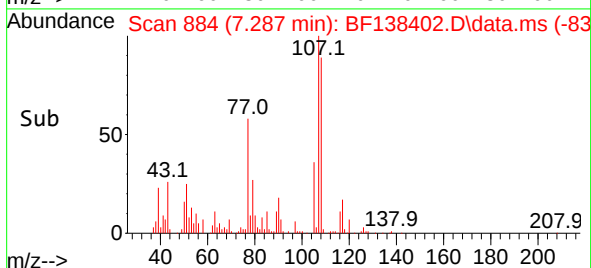
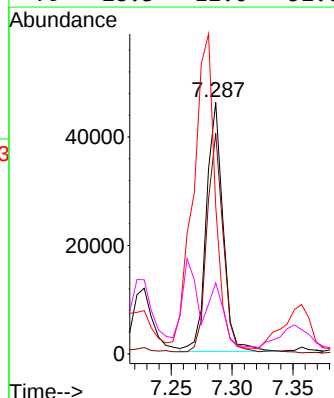
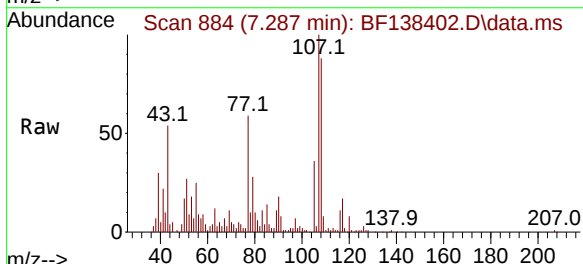
Instrument :  
BNA\_F  
ClientSampleId :  
MW6-20240626

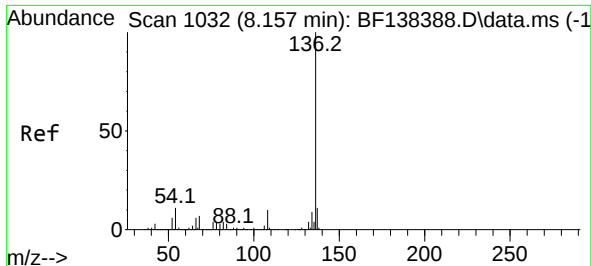
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 73170 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 114.8 | 92.6  | 138.8 |
| 77       | 48.4  | 40.3  | 60.5  |
| 79       | 45.7  | 39.4  | 59.0  |



#20  
3+4-Methylphenols  
Concen: 3.843 ng  
RT: 7.287 min Scan# 884  
Delta R.T. -0.000 min  
Lab File: BF138402.D  
Acq: 01 Jul 2024 14:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 43652  |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.7  | 70.8  | 110.8  |
| 77       | 58.8  | 104.0 | 144.0# |
| 79       | 28.3  | 12.0  | 52.0   |

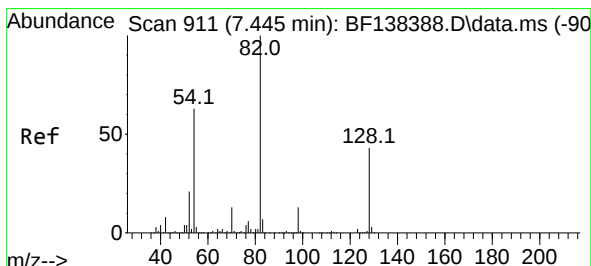
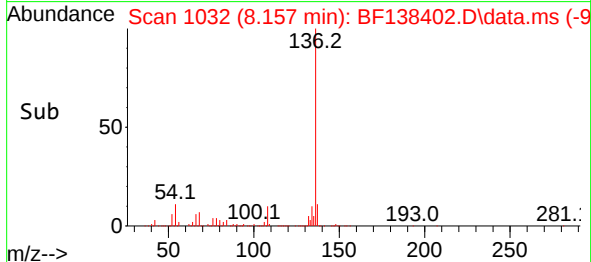
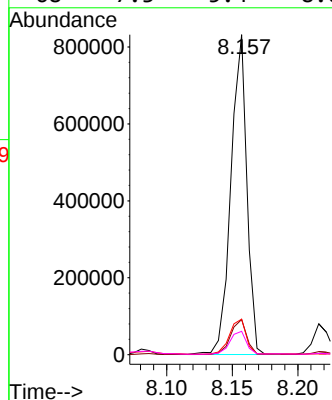
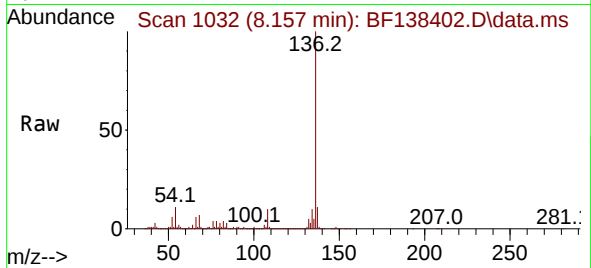




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: BF138402.D  
Acq: 01 Jul 2024 14:37

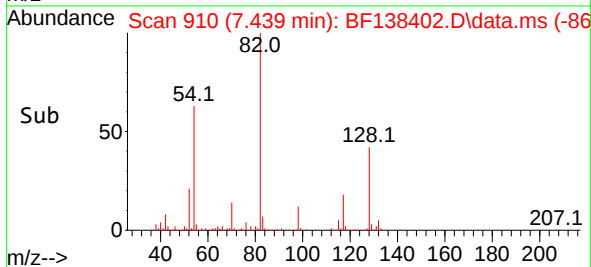
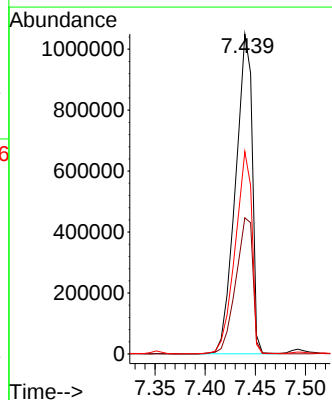
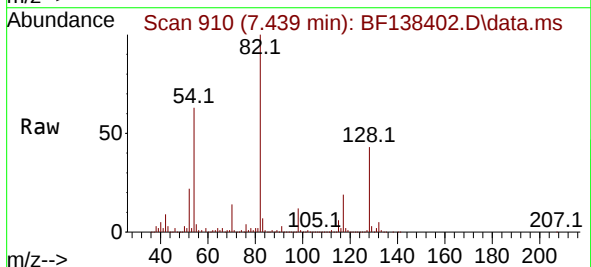
Instrument :  
BNA\_F  
ClientSampleId :  
MW6-20240626

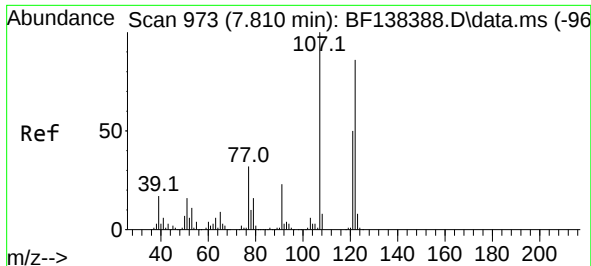
Tgt Ion:136 Resp: 702961  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 11.1 9.0 13.4  
68 7.3 5.4 8.0



#23  
Nitrobenzene-d5  
Concen: 90.314 ng  
RT: 7.439 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF138402.D  
Acq: 01 Jul 2024 14:37

Tgt Ion: 82 Resp: 1222140  
Ion Ratio Lower Upper  
82 100  
128 42.5 34.6 52.0  
54 63.2 50.5 75.7





#27

2,4-Dimethylphenol

Concen: 30.499 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

Instrument :

BNA\_F

ClientSampleId :

MW6-20240626

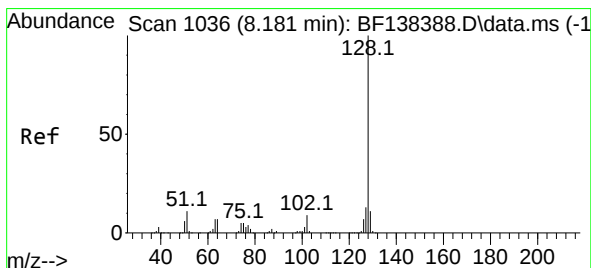
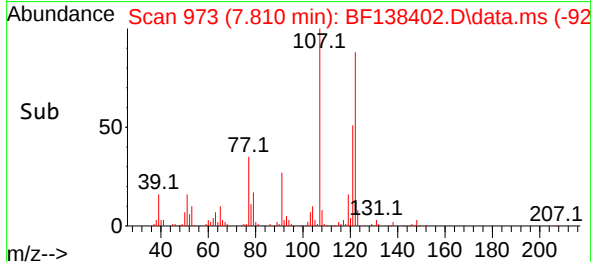
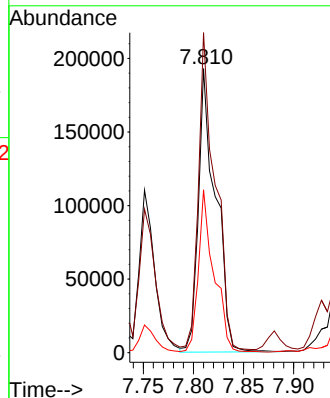
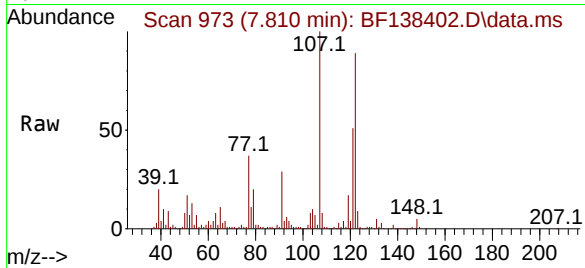
Tgt Ion:122 Resp: 231734

Ion Ratio Lower Upper

122 100

107 112.7 92.5 138.7

121 57.4 46.5 69.7



#31

Naphthalene

Concen: 10.049 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

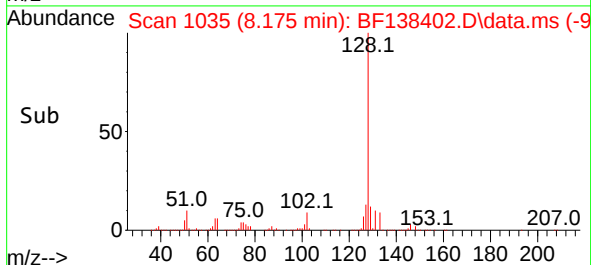
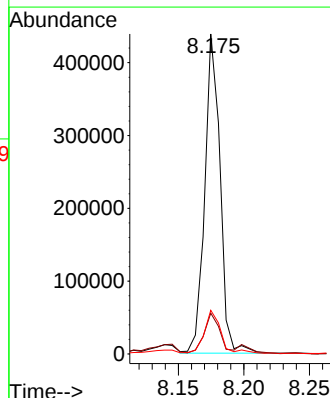
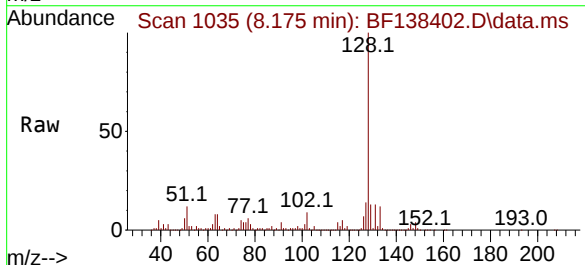
Tgt Ion:128 Resp: 357111

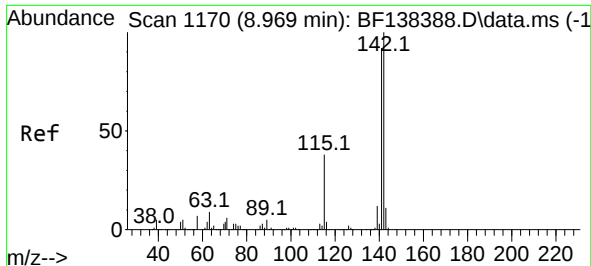
Ion Ratio Lower Upper

128 100

129 12.8 9.0 13.6

127 13.7 10.6 16.0

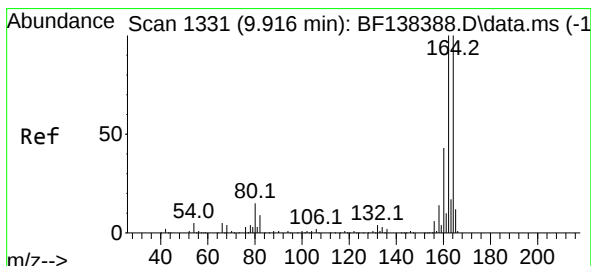
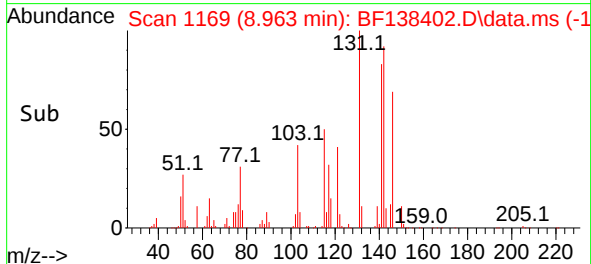
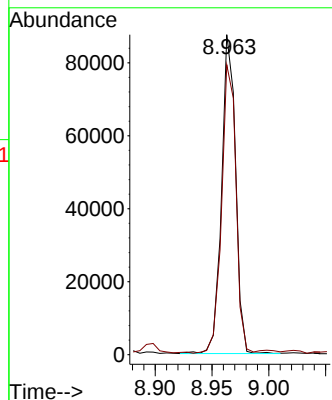
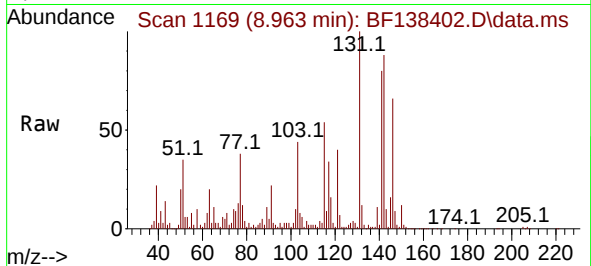




#38  
1-Methylnaphthalene  
Concen: 3.379 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. -0.006 min  
Lab File: BF138402.D  
Acq: 01 Jul 2024 14:37

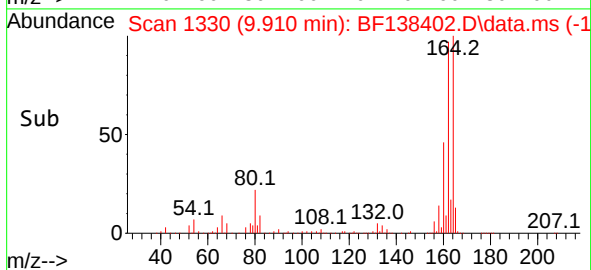
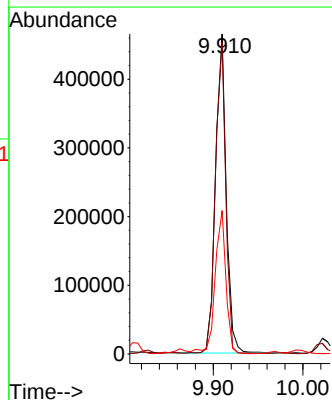
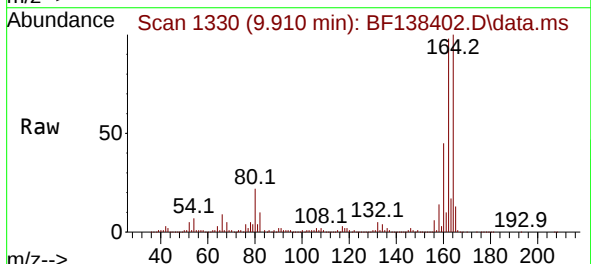
Instrument :  
BNA\_F  
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MW6-20240626

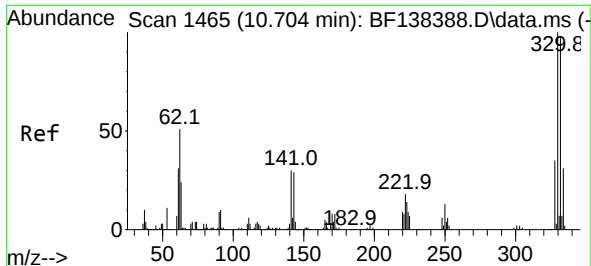
Tgt Ion:142 Resp: 75270  
Ion Ratio Lower Upper  
142 100  
141 90.6 73.7 110.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: BF138402.D  
Acq: 01 Jul 2024 14:37

Tgt Ion:164 Resp: 385210  
Ion Ratio Lower Upper  
164 100  
162 97.6 80.1 120.1  
160 44.8 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 115.130 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF138402.D

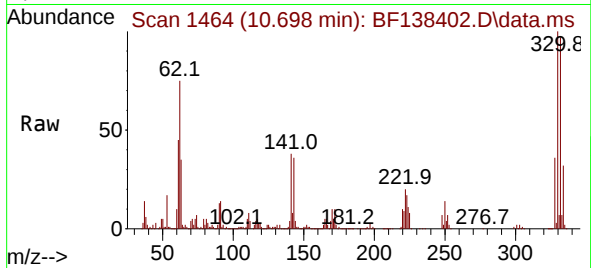
Acq: 01 Jul 2024 14:37

Instrument :

BNA\_F

ClientSampleId :

MW6-20240626



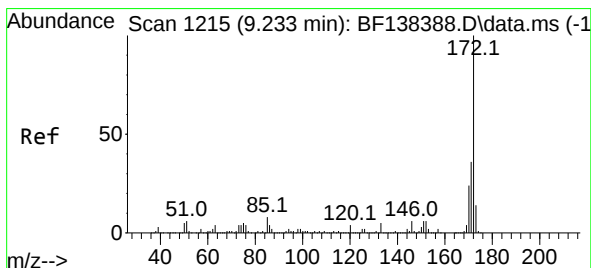
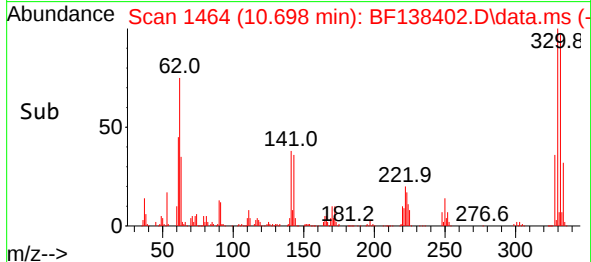
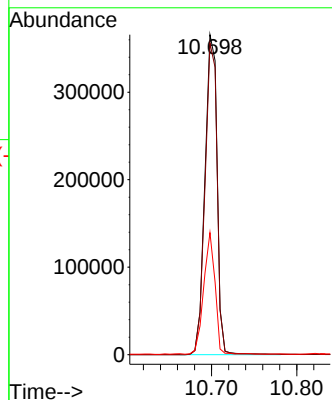
Tgt Ion:330 Resp: 362338

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

141 35.4 28.1 42.1



#45

2-Fluorobiphenyl

Concen: 77.586 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

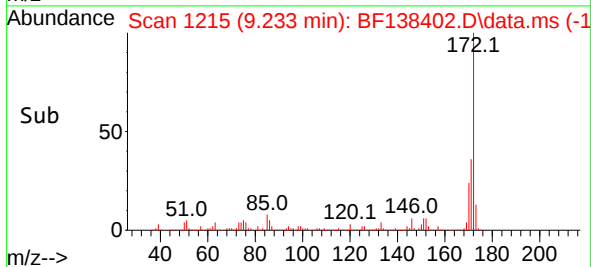
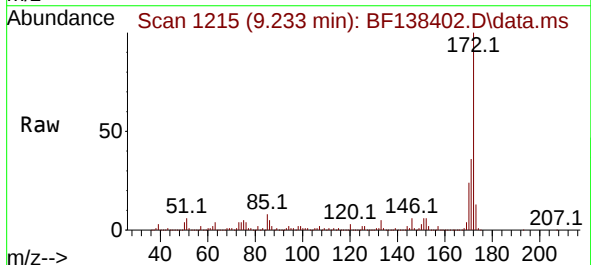
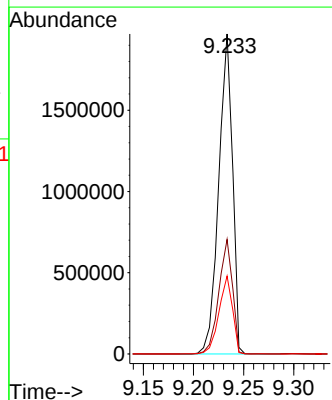
Tgt Ion:172 Resp: 1877951

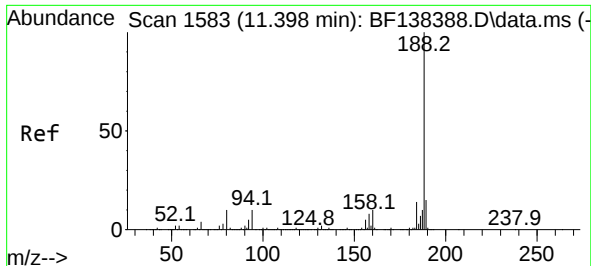
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 24.3 19.0 28.6

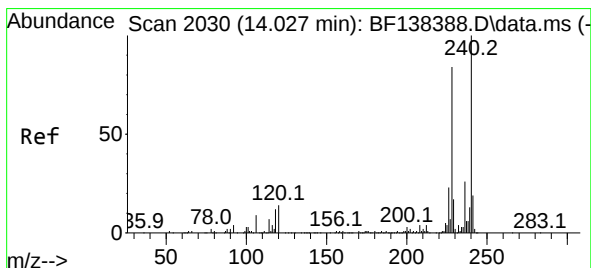
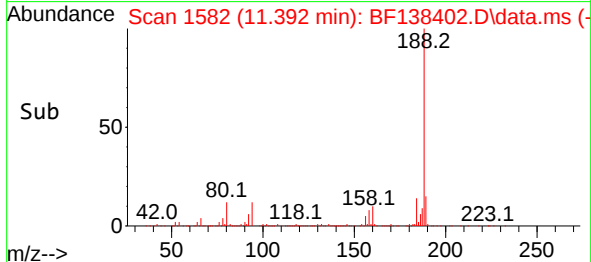
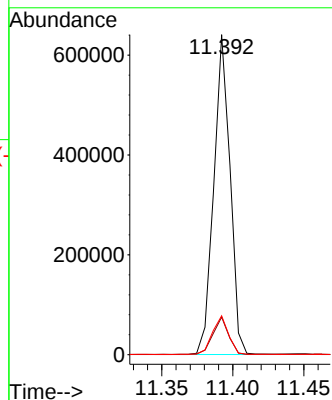
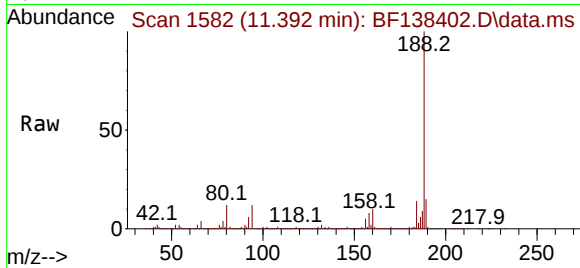




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138402.D  
Acq: 01 Jul 2024 14:37

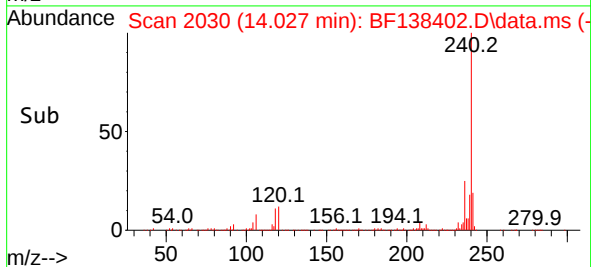
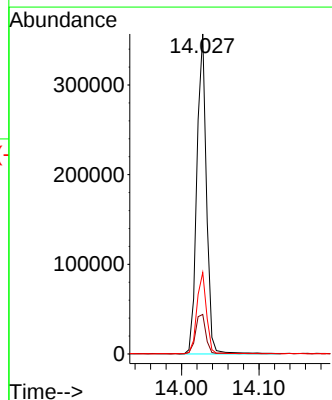
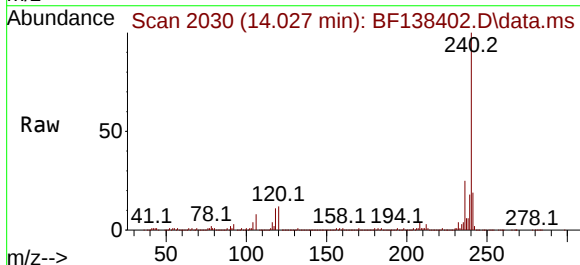
Instrument :  
BNA\_F  
ClientSampleId :  
MW6-20240626

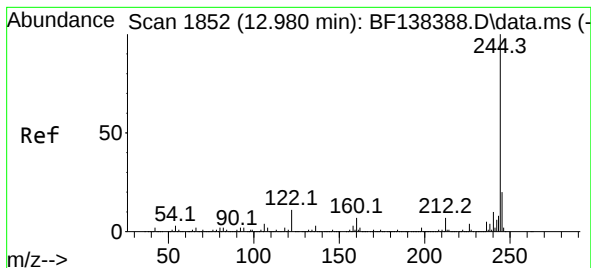
Tgt Ion:188 Resp: 511118  
Ion Ratio Lower Upper  
188 100  
94 11.8 8.0 12.0  
80 12.2 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. 0.000 min  
Lab File: BF138402.D  
Acq: 01 Jul 2024 14:37

Tgt Ion:240 Resp: 307249  
Ion Ratio Lower Upper  
240 100  
120 12.4 10.9 16.3  
236 25.5 20.6 30.8





#79

Terphenyl-d14

Concen: 59.758 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

Instrument :

BNA\_F

ClientSampleId :

MW6-20240626

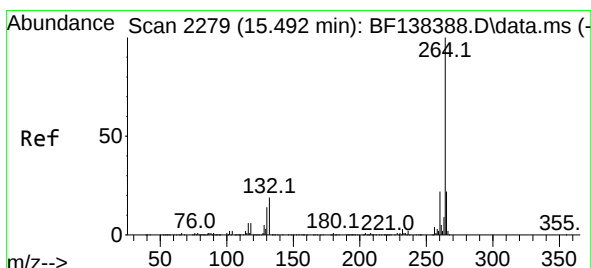
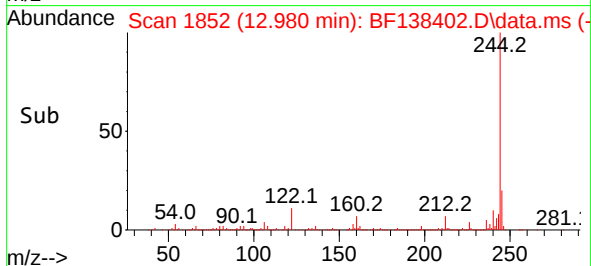
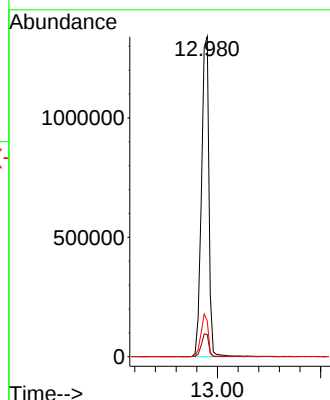
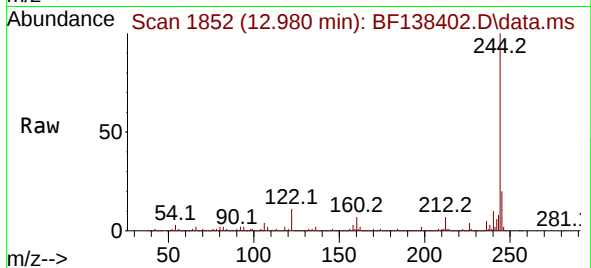
Tgt Ion:244 Resp: 1339771

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF138402.D

Acq: 01 Jul 2024 14:37

Tgt Ion:264 Resp: 298037

Ion Ratio Lower Upper

264 100

260 24.1 17.8 26.6

265 22.3 17.5 26.3

