

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022025\  
 Data File : BF141698.D  
 Acq On : 20 Feb 2025 12:33  
 Operator : RC/JU  
 Sample : PB166776BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166776BL

Quant Time: Feb 20 13:04:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 87229    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.063  | 136  | 339851   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.810  | 164  | 180981   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.298 | 188  | 295461   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 13.939 | 240  | 194169   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 15.380 | 264  | 170584   | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 696403   | 125.163 | ng    | 0.00     |
| 7) Phenol-d6                | 6.422  | 99   | 843104   | 119.888 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 545407   | 83.706  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.604 | 330  | 206145   | 113.389 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 1033384  | 87.969  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.880 | 244  | 1058511  | 92.031  | ng    | -0.02    |

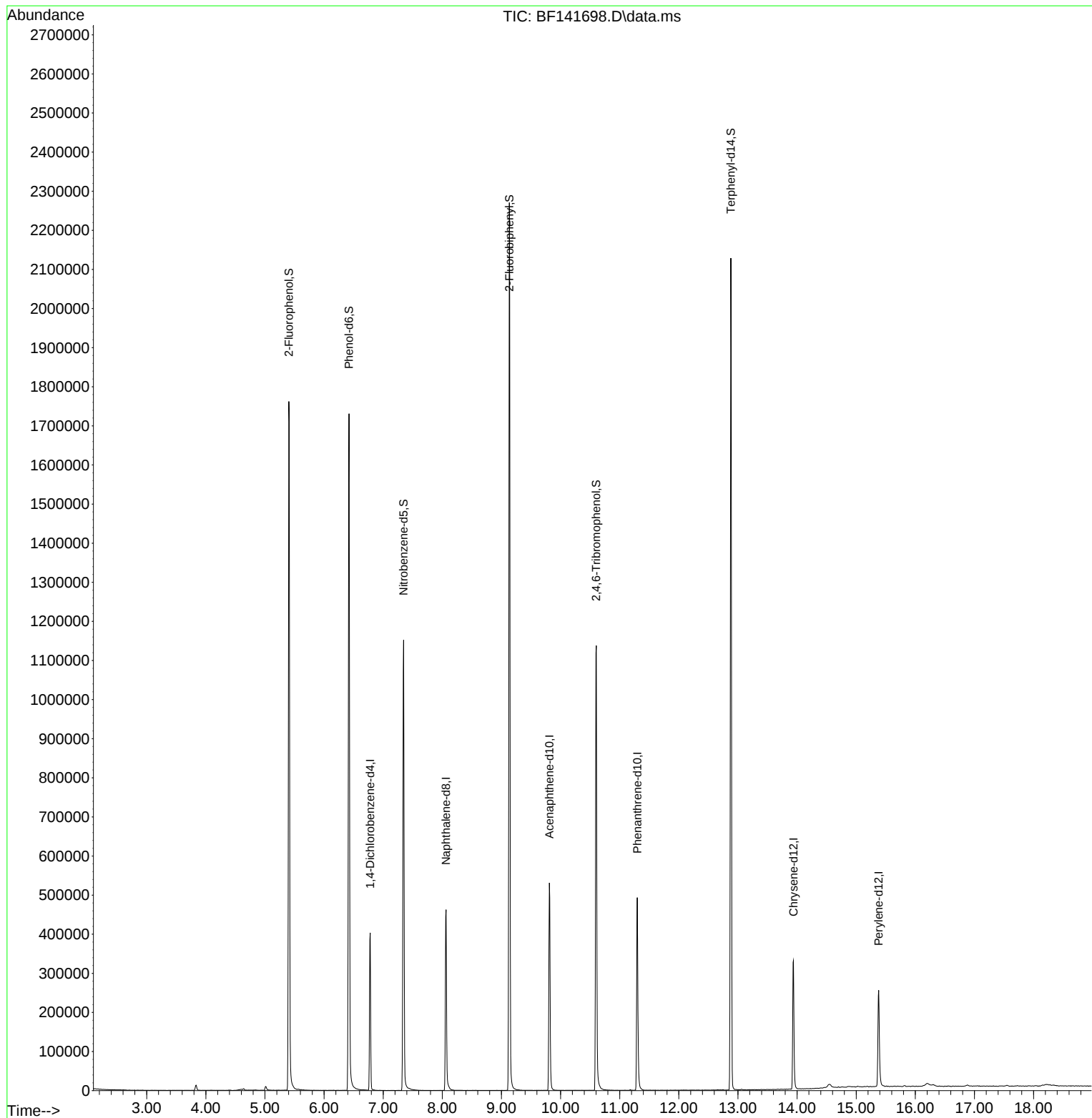
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

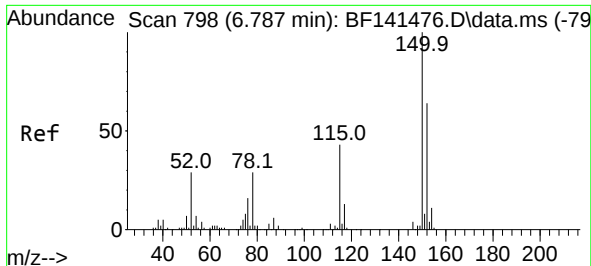
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022025\  
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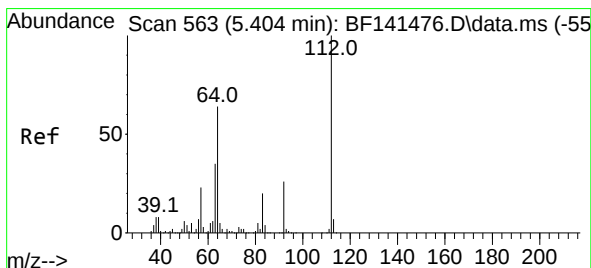
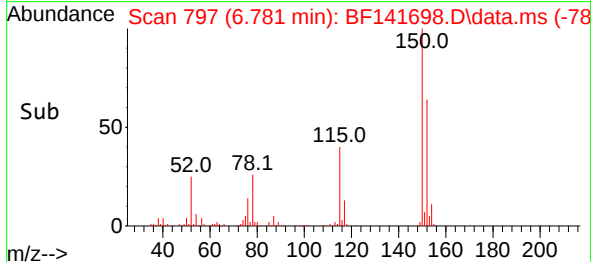
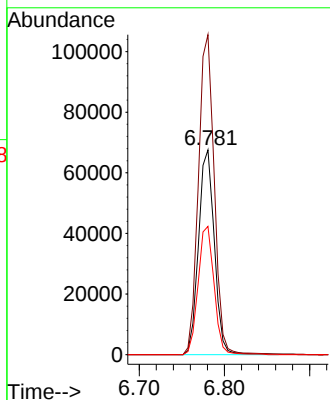
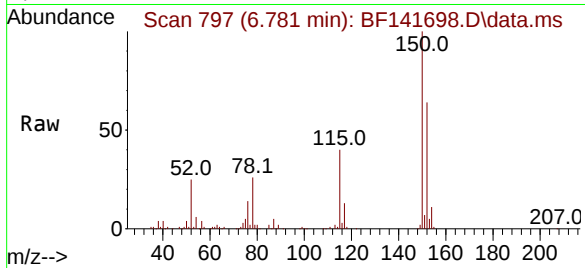




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.011 min  
Lab File: BF141698.D  
Acq: 20 Feb 2025 12:33

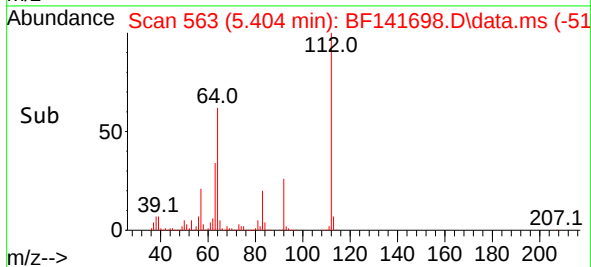
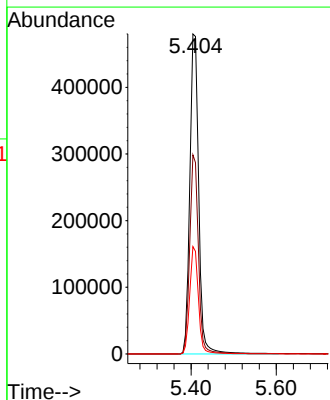
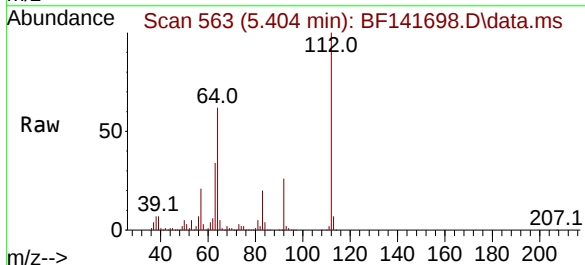
Instrument :  
BNA\_F  
ClientSampleId :  
PB166776BL

Tgt Ion:152 Resp: 87229  
Ion Ratio Lower Upper  
152 100  
150 156.3 125.0 187.4  
115 62.6 53.6 80.4



#5  
2-Fluorophenol  
Concen: 125.163 ng  
RT: 5.404 min Scan# 563  
Delta R.T. -0.006 min  
Lab File: BF141698.D  
Acq: 20 Feb 2025 12:33

Tgt Ion:112 Resp: 696403  
Ion Ratio Lower Upper  
112 100  
64 62.2 51.1 76.7  
63 33.6 28.4 42.6

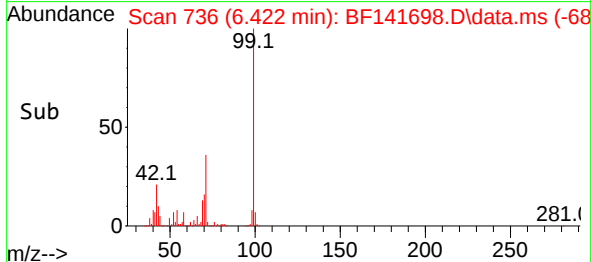
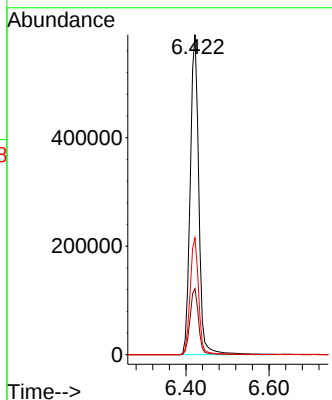
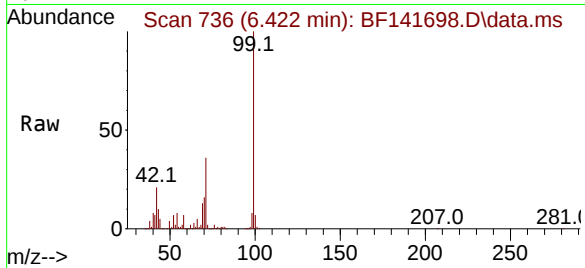




#7  
Phenol-d6  
Concen: 119.888 ng  
RT: 6.422 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF141698.D  
Acq: 20 Feb 2025 12:33

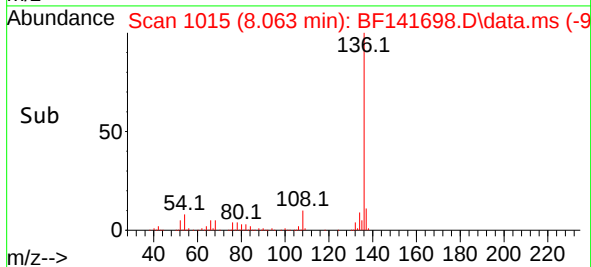
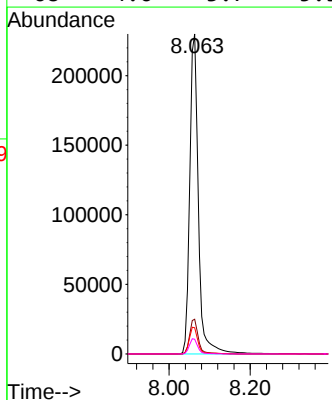
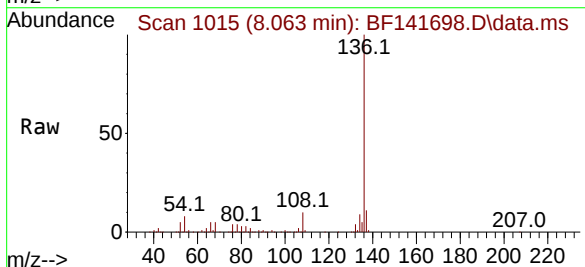
Instrument :  
BNA\_F  
ClientSampleId :  
PB166776BL

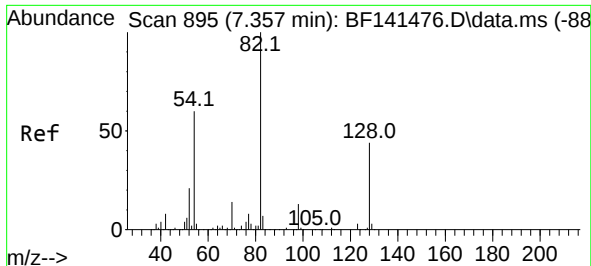
Tgt Ion: 99 Resp: 843104  
Ion Ratio Lower Upper  
99 100  
42 20.6 19.1 28.7  
71 36.5 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141698.D  
Acq: 20 Feb 2025 12:33

Tgt Ion: 136 Resp: 339851  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.2 7.2 10.8  
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 83.706 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF141698.D

Acq: 20 Feb 2025 12:33

Instrument :

BNA\_F

ClientSampleId :

PB166776BL

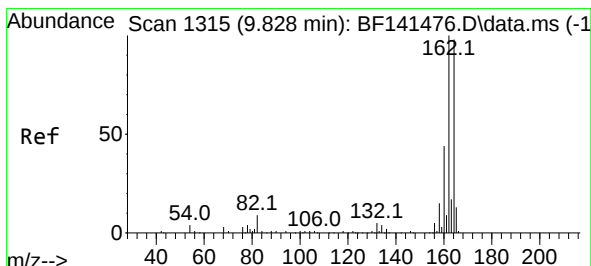
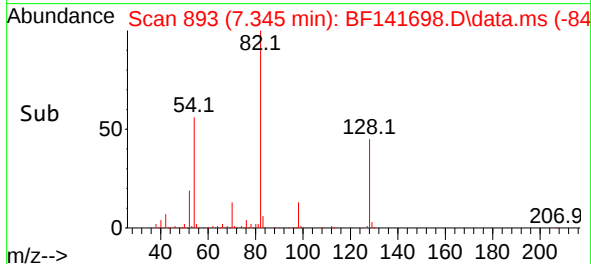
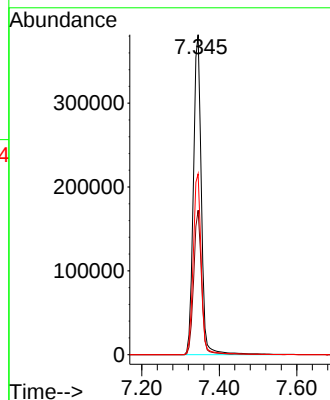
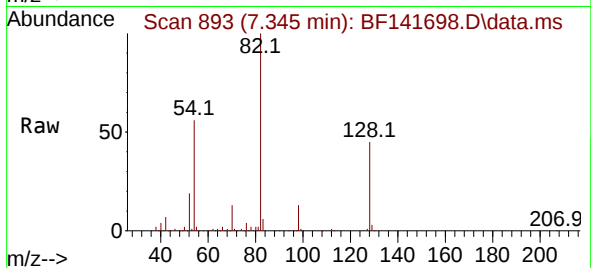
Tgt Ion: 82 Resp: 545407

Ion Ratio Lower Upper

82 100

128 45.1 34.8 52.2

54 56.5 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.023 min

Lab File: BF141698.D

Acq: 20 Feb 2025 12:33

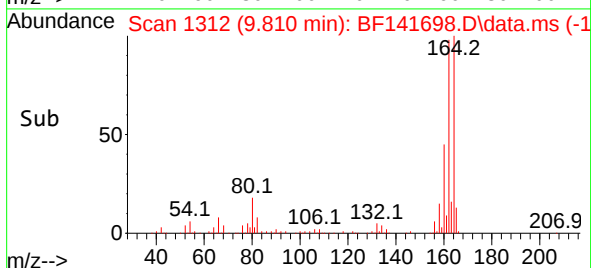
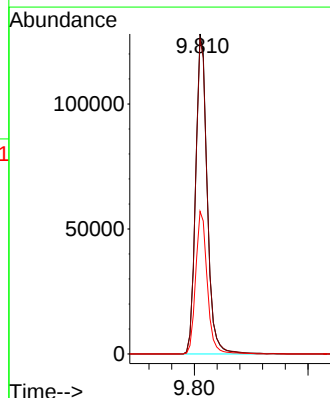
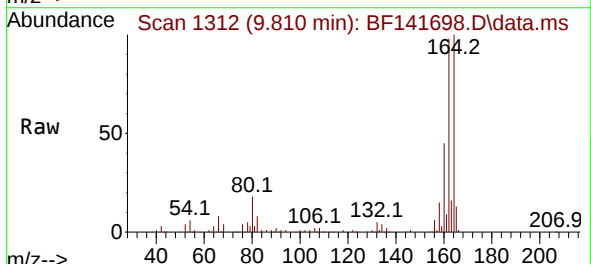
Tgt Ion: 164 Resp: 180981

Ion Ratio Lower Upper

164 100

162 98.4 81.3 121.9

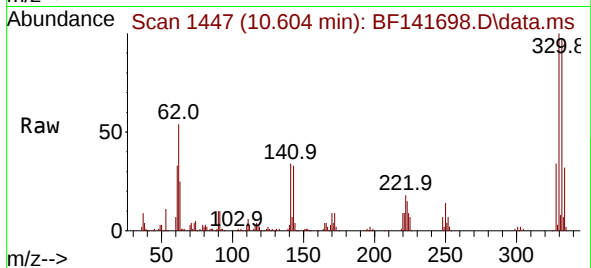
160 44.5 35.9 53.9



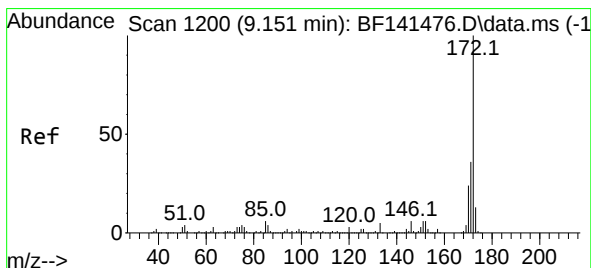
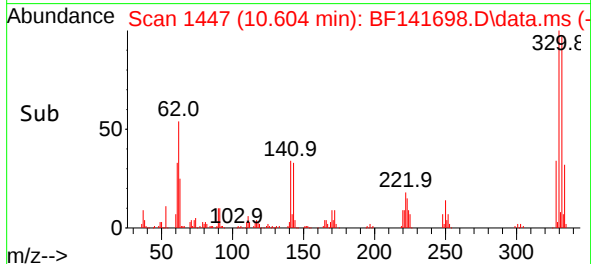
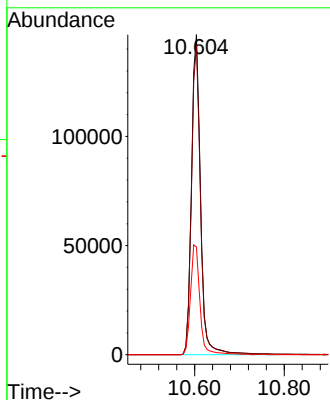


#42  
2,4,6-Tribromophenol  
Concen: 113.389 ng  
RT: 10.604 min Scan# 1447  
Delta R.T. -0.023 min  
Lab File: BF141698.D  
Acq: 20 Feb 2025 12:33

Instrument :  
BNA\_F  
ClientSampleId :  
PB166776BL

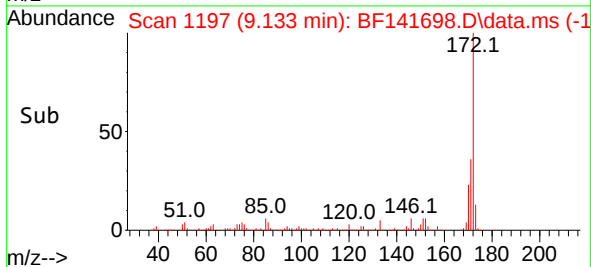
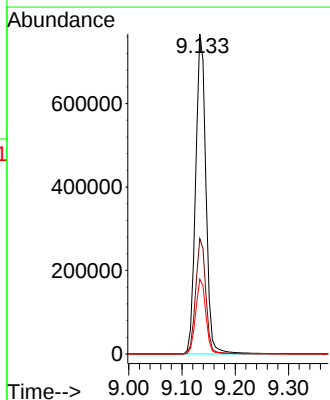
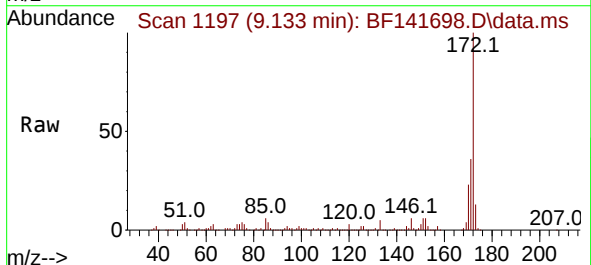


Tgt Ion:330 Resp: 206145  
Ion Ratio Lower Upper  
330 100  
332 96.0 78.5 117.7  
141 35.6 31.0 46.4



#45  
2-Fluorobiphenyl  
Concen: 87.969 ng  
RT: 9.133 min Scan# 1197  
Delta R.T. -0.018 min  
Lab File: BF141698.D  
Acq: 20 Feb 2025 12:33

Tgt Ion:172 Resp: 1033384  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.7 43.1  
170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141698.D

Acq: 20 Feb 2025 12:33

Instrument :

BNA\_F

ClientSampleId :

PB166776BL

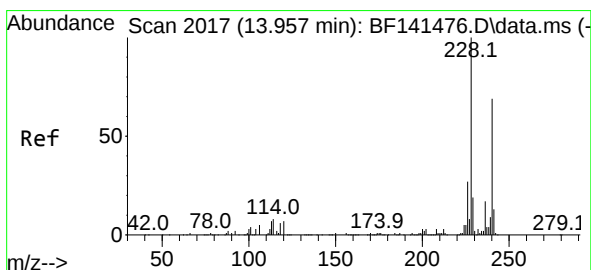
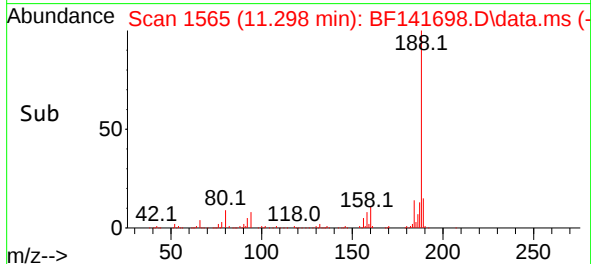
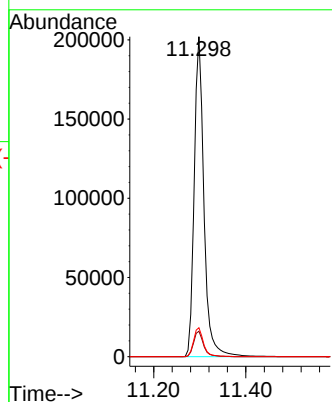
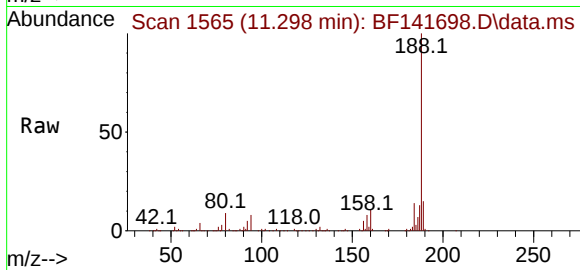
Tgt Ion:188 Resp: 295461

Ion Ratio Lower Upper

188 100

94 7.9 6.6 10.0

80 9.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141698.D

Acq: 20 Feb 2025 12:33

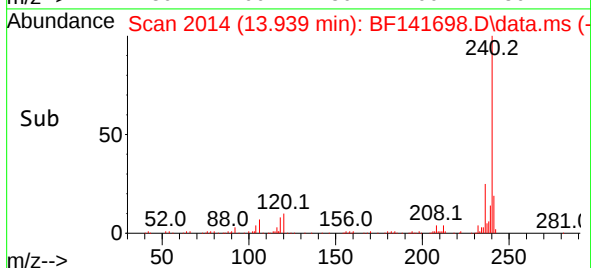
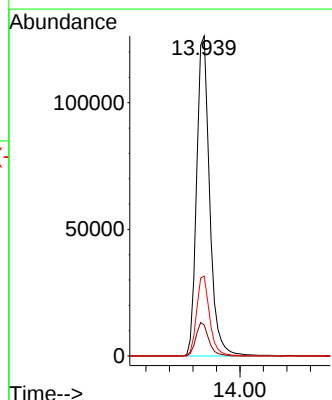
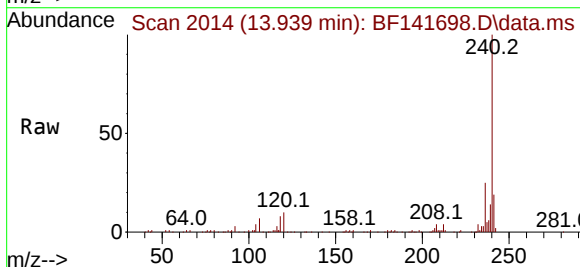
Tgt Ion:240 Resp: 194169

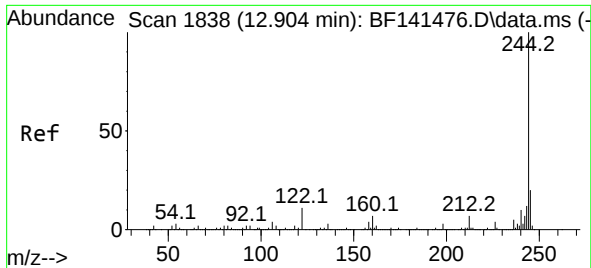
Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

236 24.9 19.8 29.8

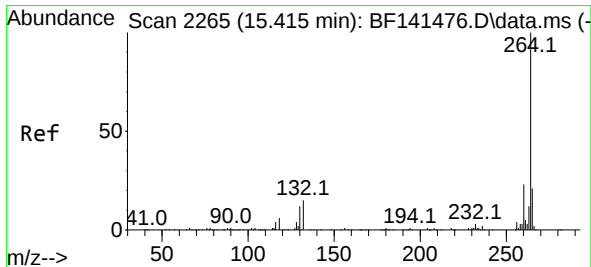
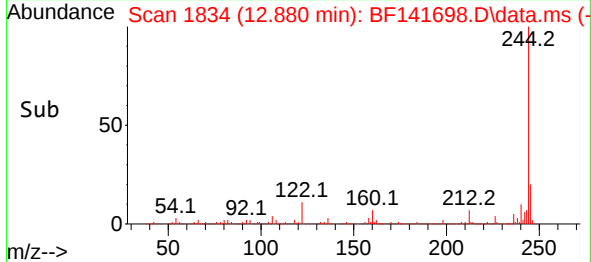
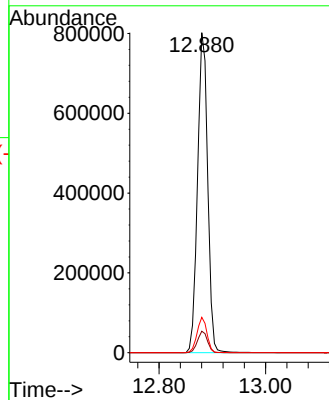
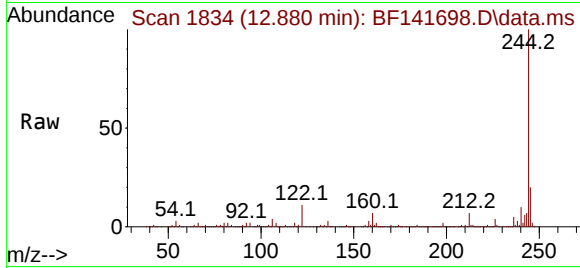




#79  
 Terphenyl-d14  
 Concen: 92.031 ng  
 RT: 12.880 min Scan# 11  
 Delta R.T. -0.023 min  
 Lab File: BF141698.D  
 Acq: 20 Feb 2025 12:33

Instrument :  
 BNA\_F  
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 PB166776BL

Tgt Ion:244 Resp: 1058511  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.6 8.4  
 122 11.0 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.380 min Scan# 2259  
 Delta R.T. -0.035 min  
 Lab File: BF141698.D  
 Acq: 20 Feb 2025 12:33

Tgt Ion:264 Resp: 170584  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.6 28.0  
 265 21.2 17.0 25.4

