

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102624\  
 Data File : BF140063.D  
 Acq On : 26 Oct 2024 16:48  
 Operator : RC/JU  
 Sample : P4460-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WB-303-BOT

Quant Time: Oct 28 01:08:53 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

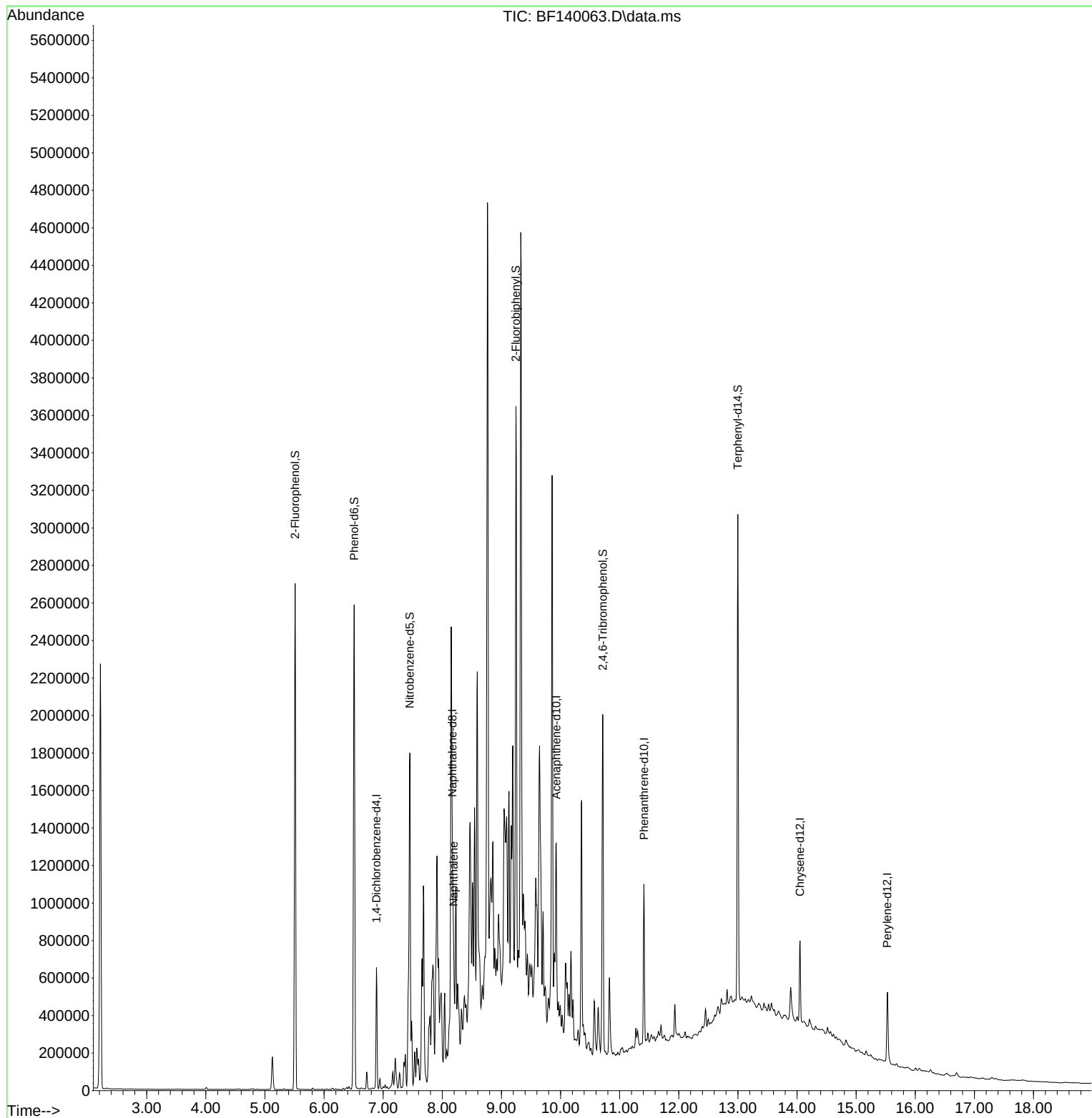
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|---------|-------|--------------|
| -----                       |        |      |          |         |       |              |
| Internal Standards          |        |      |          |         |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 129197   | 20.000  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.169  | 136  | 476862   | 20.000  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.928  | 164  | 260201   | 20.000  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.410 | 188  | 444743   | 20.000  | ng    | 0.00         |
| 76) Chrysene-d12            | 14.051 | 240  | 217594   | 20.000  | ng    | 0.00         |
| 86) Perylene-d12            | 15.527 | 264  | 237376   | 20.000  | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |         |       |              |
| 5) 2-Fluorophenol           | 5.510  | 112  | 1049709  | 127.194 | ng    | 0.01         |
| 7) Phenol-d6                | 6.510  | 99   | 1349554  | 126.259 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 871333   | 101.271 | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 348572   | 143.219 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1474289  | 93.641  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.998 | 244  | 1342432  | 100.530 | ng    | 0.00         |
| Target Compounds            |        |      |          |         |       |              |
| 31) Naphthalene             | 8.193  | 128  | 122370   | 4.976   | ng    | Qvalue<br>98 |
| -----                       |        |      |          |         |       |              |

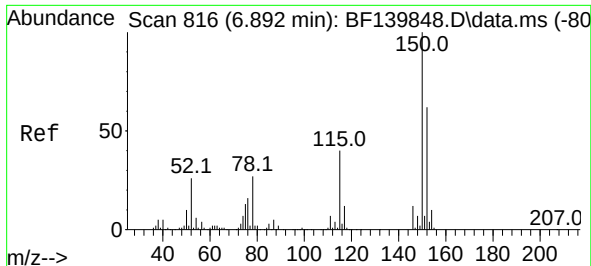
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF140063.D  
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Sample : P4460-03  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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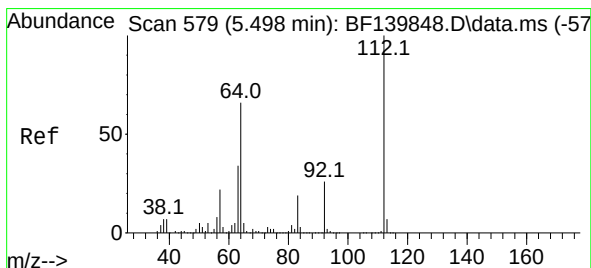
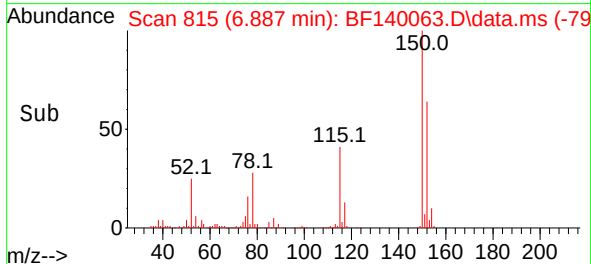
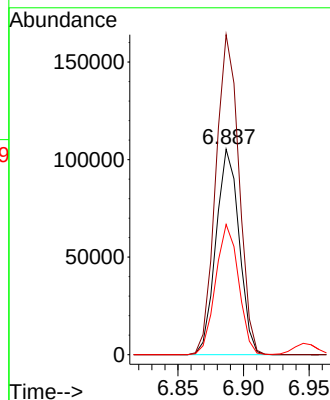
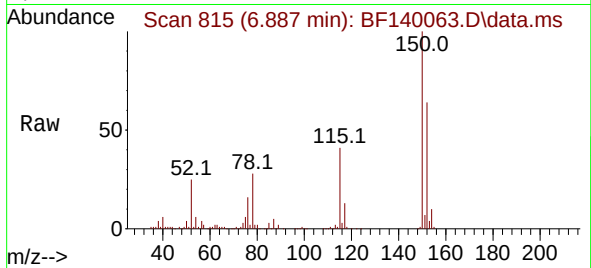




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF140063.D  
Acq: 26 Oct 2024 16:48

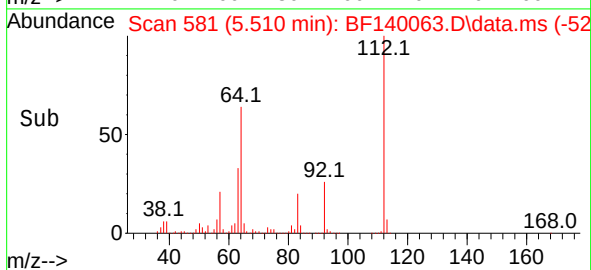
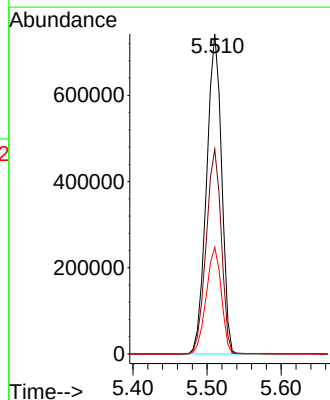
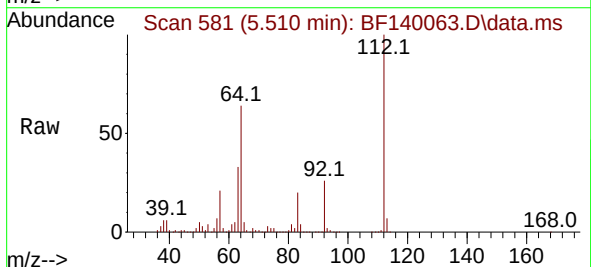
Instrument :  
BNA\_F  
ClientSampleId :  
WB-303-BOT

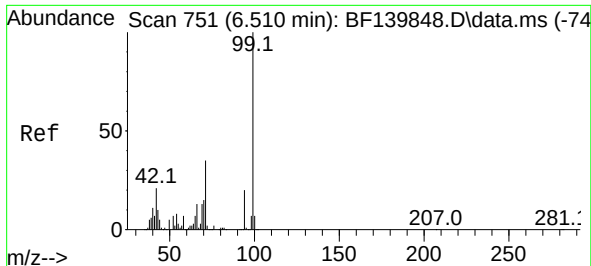
Tgt Ion:152 Resp: 129197  
Ion Ratio Lower Upper  
152 100  
150 155.8 130.2 195.2  
115 63.4 51.4 77.2



#5  
2-Fluorophenol  
Concen: 127.194 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF140063.D  
Acq: 26 Oct 2024 16:48

Tgt Ion:112 Resp: 1049709  
Ion Ratio Lower Upper  
112 100  
64 63.9 53.0 79.6  
63 33.3 27.0 40.4

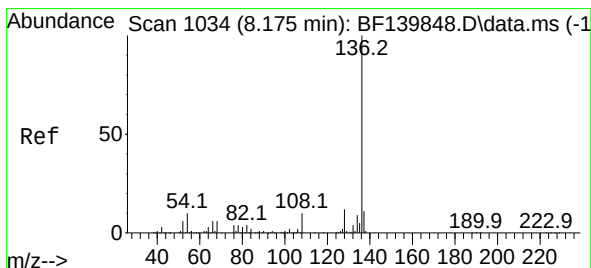
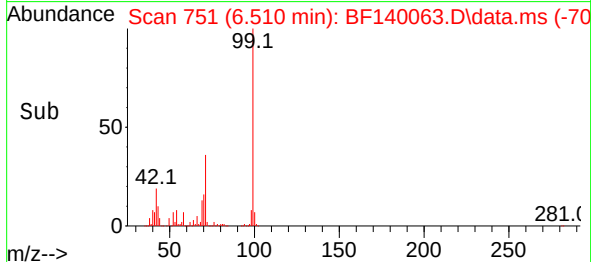
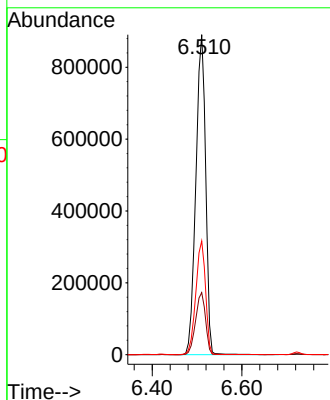
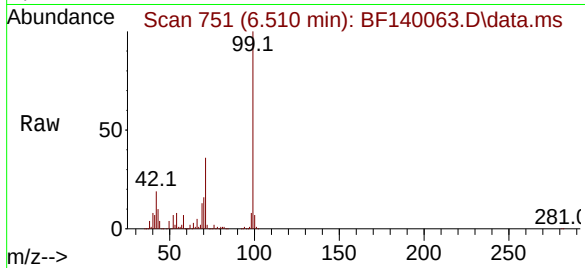




#7  
Phenol-d6  
Concen: 126.259 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF140063.D  
Acq: 26 Oct 2024 16:48

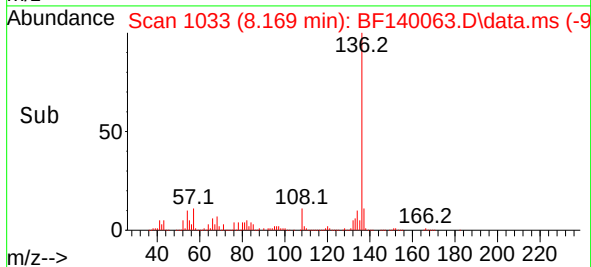
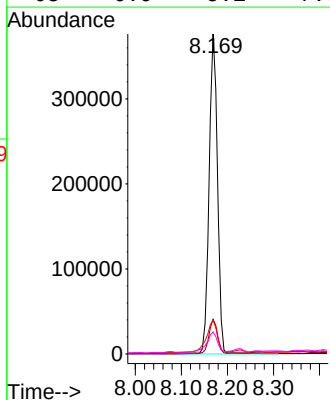
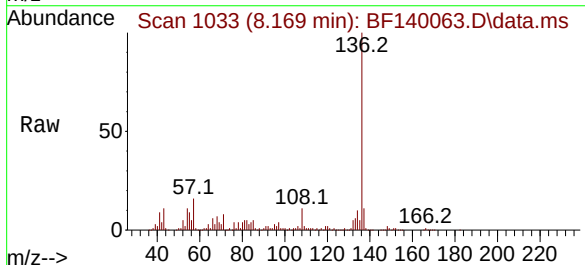
Instrument :  
BNA\_F  
ClientSampleId :  
WB-303-BOT

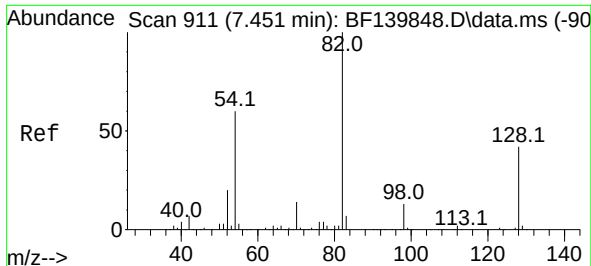
Tgt Ion: 99 Resp: 1349554  
Ion Ratio Lower Upper  
99 100  
42 19.4 16.7 25.1  
71 35.6 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF140063.D  
Acq: 26 Oct 2024 16:48

Tgt Ion: 136 Resp: 476862  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 10.5 8.4 12.6  
68 6.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 101.271 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140063.D

Acq: 26 Oct 2024 16:48

Instrument :

BNA\_F

ClientSampleId :

WB-303-BOT

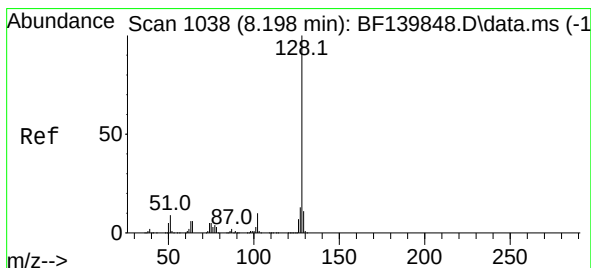
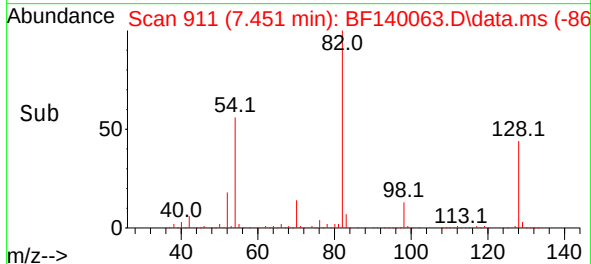
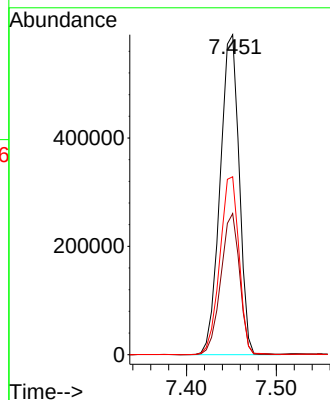
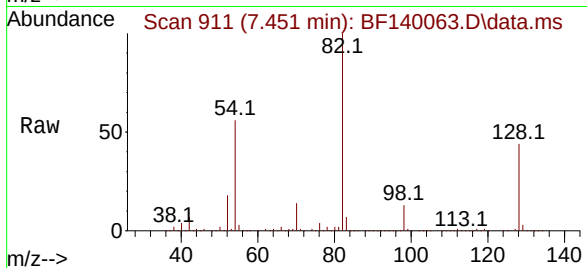
Tgt Ion: 82 Resp: 871333

Ion Ratio Lower Upper

82 100

128 44.1 33.4 50.0

54 55.6 47.8 71.8



#31

Naphthalene

Concen: 4.976 ng

RT: 8.193 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF140063.D

Acq: 26 Oct 2024 16:48

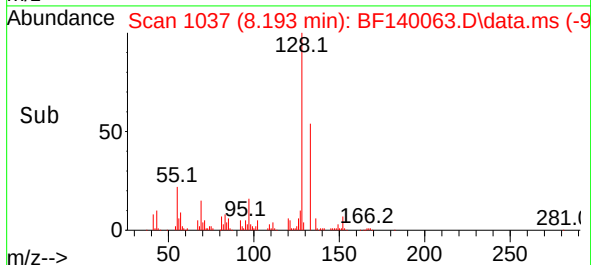
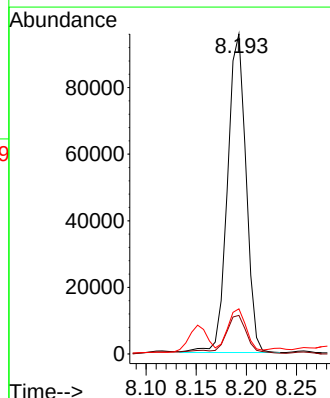
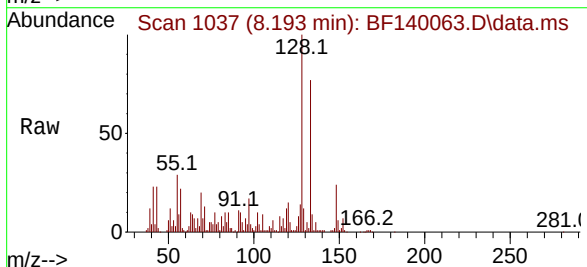
Tgt Ion:128 Resp: 122370

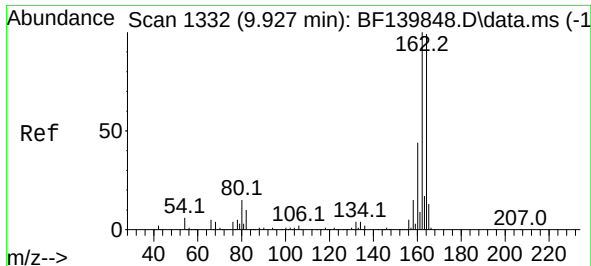
Ion Ratio Lower Upper

128 100

129 12.0 8.9 13.3

127 14.1 10.6 16.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1400

Delta R.T. 0.001 min

Lab File: BF140063.D

Acq: 26 Oct 2024 16:48

Instrument :

BNA\_F

ClientSampleId :

WB-303-BOT

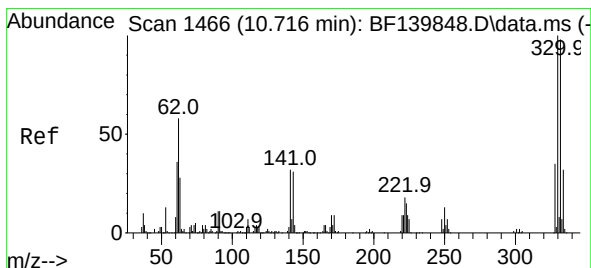
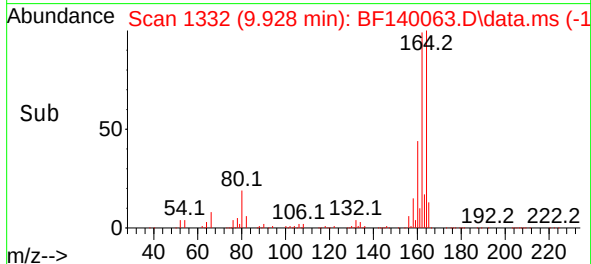
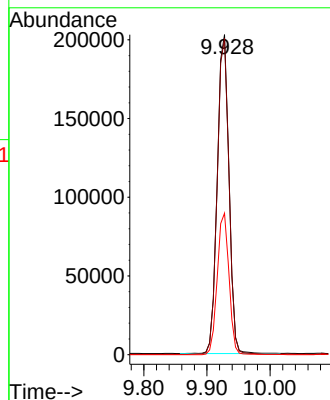
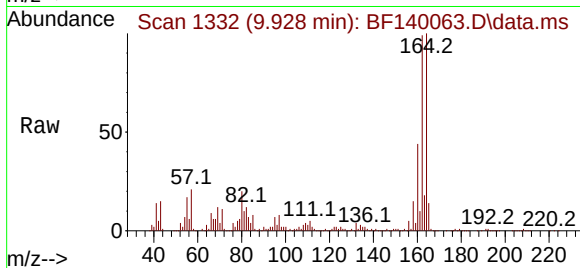
Tgt Ion:164 Resp: 260201

Ion Ratio Lower Upper

164 100

162 98.8 81.0 121.4

160 44.2 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 143.219 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140063.D

Acq: 26 Oct 2024 16:48

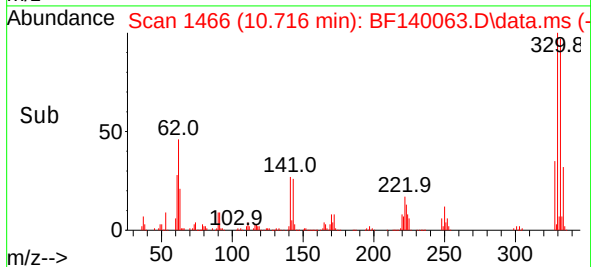
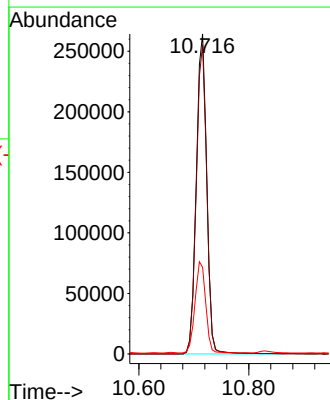
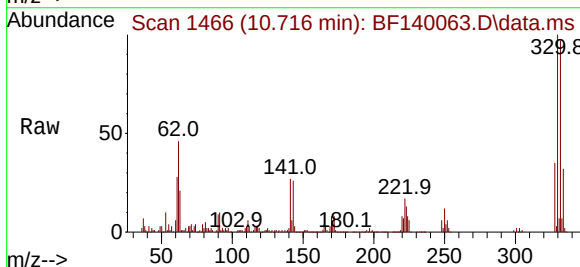
Tgt Ion:330 Resp: 348572

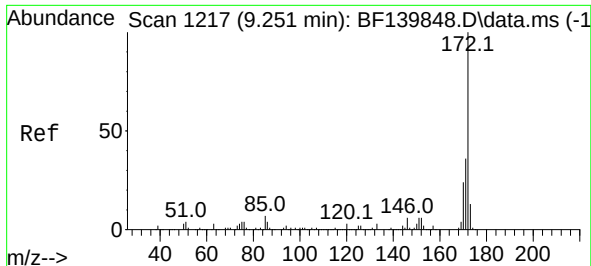
Ion Ratio Lower Upper

330 100

332 96.4 78.1 117.1

141 29.1 26.6 39.8





#45

2-Fluorobiphenyl

Concen: 93.641 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140063.D

Acq: 26 Oct 2024 16:48

Instrument :

BNA\_F

ClientSampleId :

WB-303-BOT

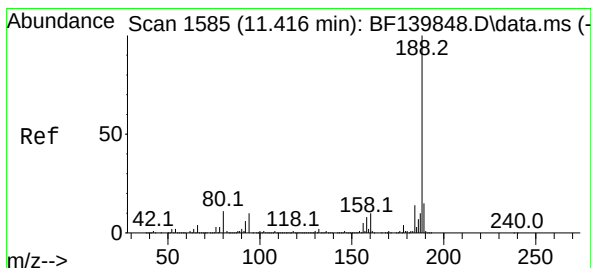
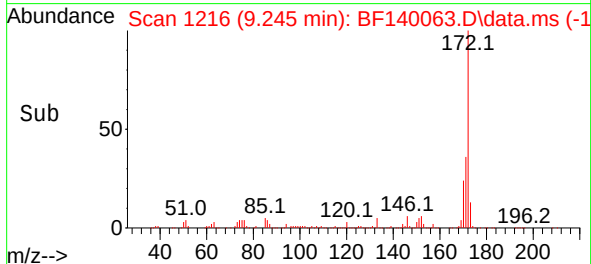
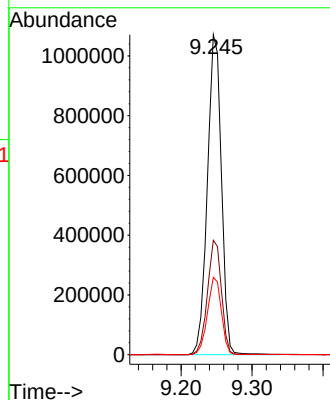
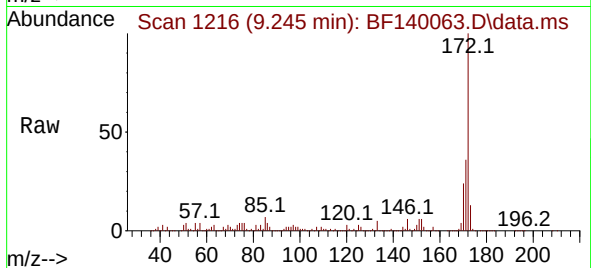
Tgt Ion:172 Resp: 1474289

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.2 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140063.D

Acq: 26 Oct 2024 16:48

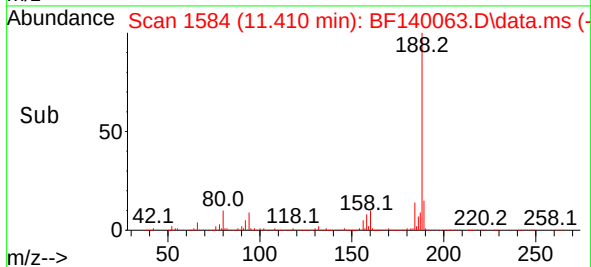
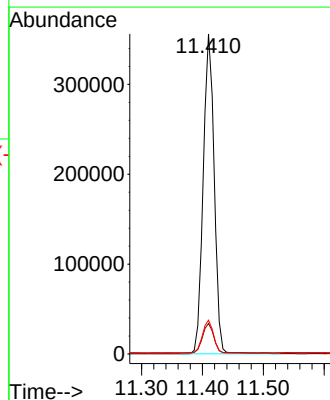
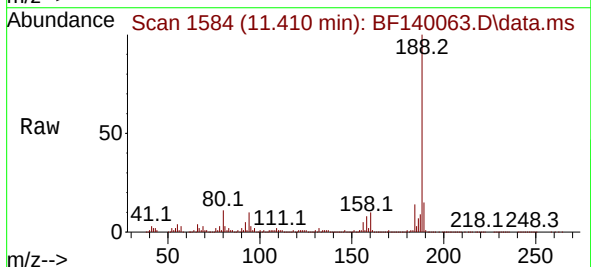
Tgt Ion:188 Resp: 444743

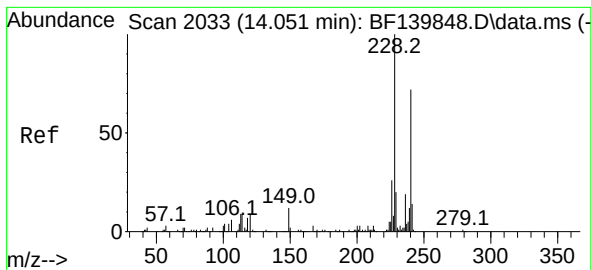
Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.5 9.0 13.4

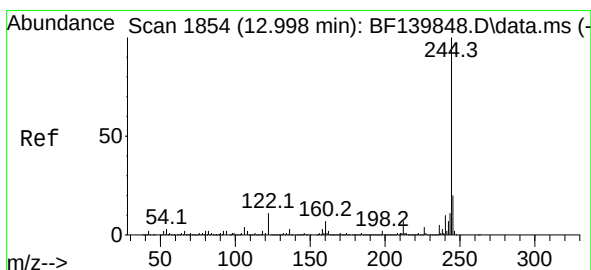
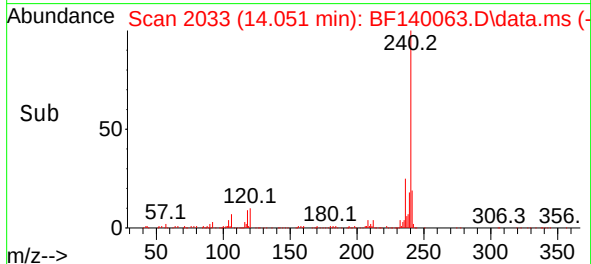
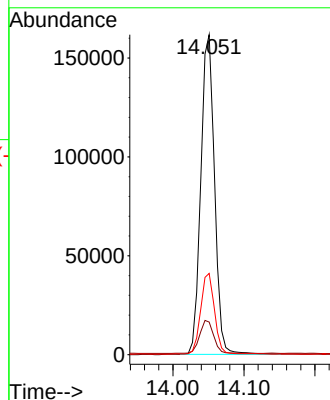
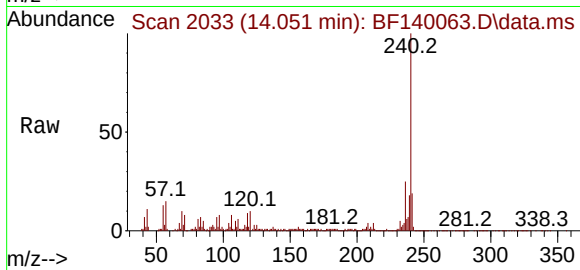




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: BF140063.D  
Acq: 26 Oct 2024 16:48

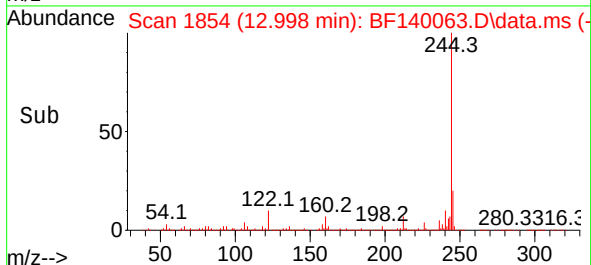
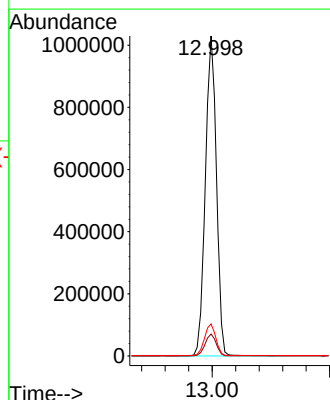
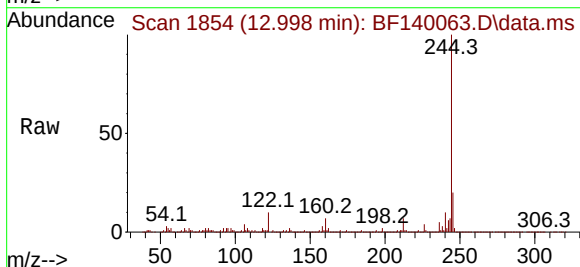
Instrument :  
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Tgt Ion:240 Resp: 217594  
Ion Ratio Lower Upper  
240 100  
120 10.2 9.4 14.2  
236 25.4 20.9 31.3

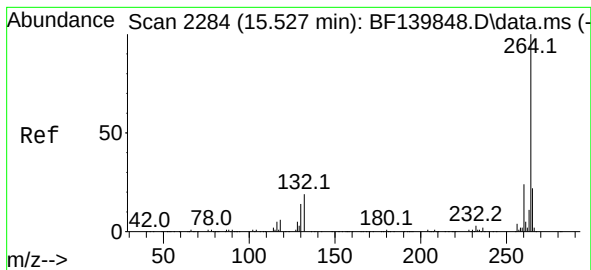


#79  
Terphenyl-d14  
Concen: 100.530 ng  
RT: 12.998 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: BF140063.D  
Acq: 26 Oct 2024 16:48

Tgt Ion:244 Resp: 1342432  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.7 8.5  
122 10.0 8.6 13.0







#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.527 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF140063.D  
Acq: 26 Oct 2024 16:48

Instrument :  
BNA\_F  
ClientSampleId :  
WB-303-BOT

Tgt Ion:264 Resp: 237376  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.4 29.2  
265 21.7 17.4 26.0

