

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120624\  
 Data File : BF140768.D  
 Acq On : 06 Dec 2024 15:58  
 Operator : RC/JU  
 Sample : P5095-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-764

Quant Time: Dec 06 15:26:32 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 21 15:23:48 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 68557    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 259669   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 145006   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.398 | 188  | 244799   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 165924   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.574 | 264  | 190322   | 20.000  | ng    | 0.04     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 621028   | 154.558 | ng    | 0.02     |
| 7) Phenol-d6                | 6.522  | 99   | 780643   | 146.958 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 527634   | 103.935 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 237878   | 153.386 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 1021992  | 105.010 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.980 | 244  | 939873   | 88.203  | ng    | -0.01    |

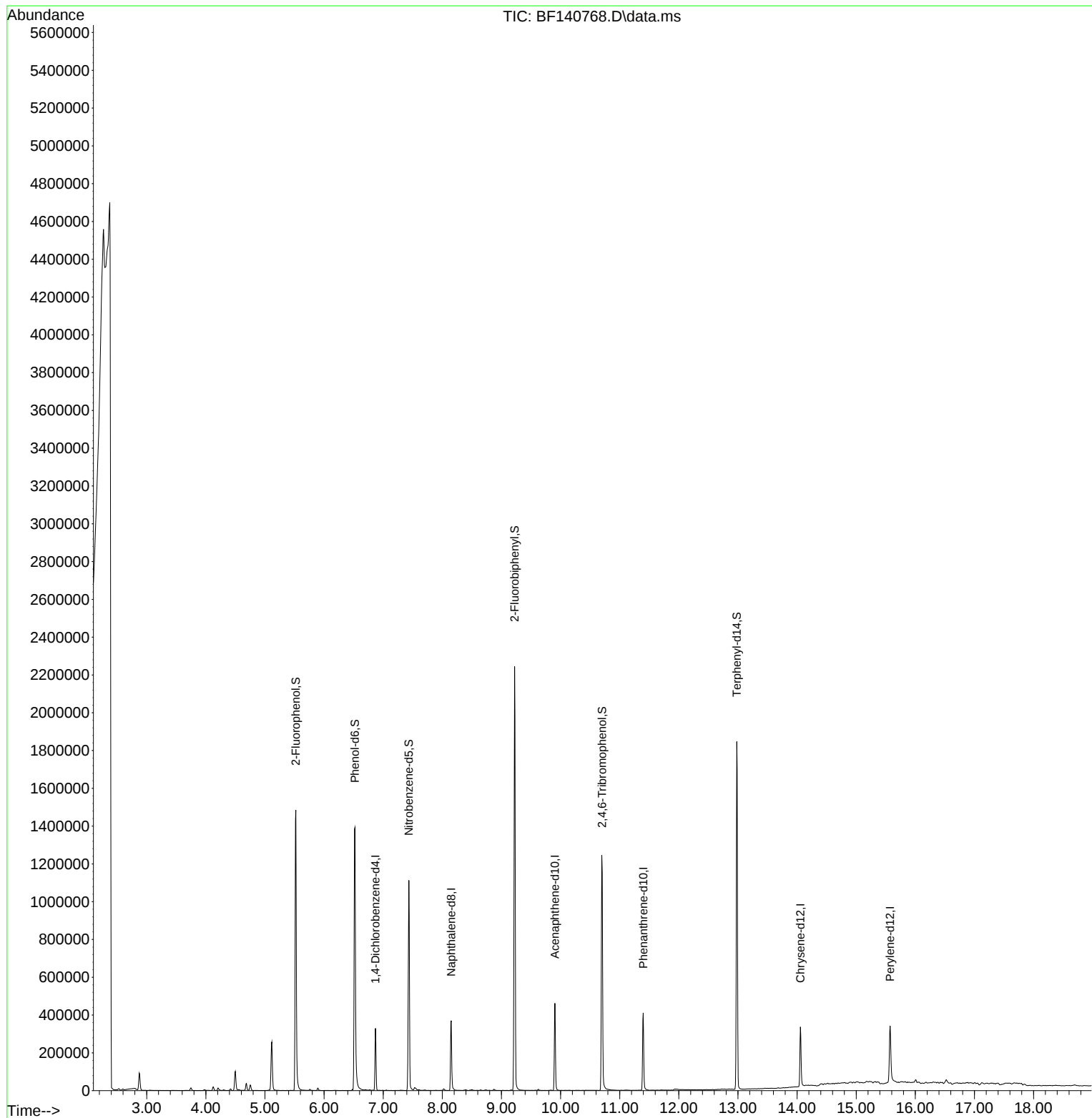
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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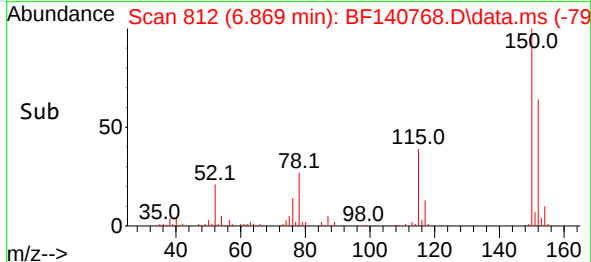
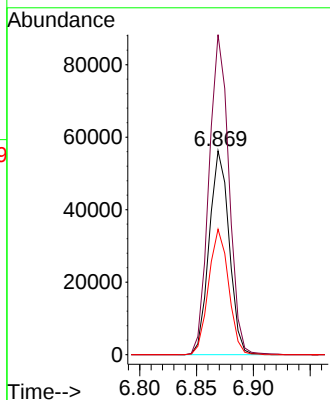
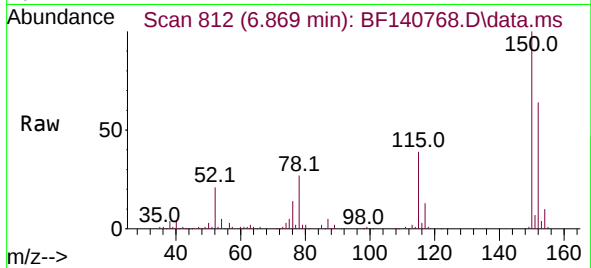




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140768.D  
Acq: 06 Dec 2024 15:58

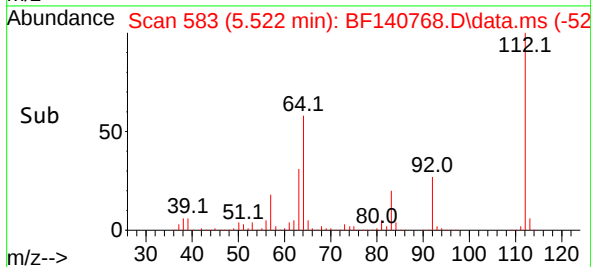
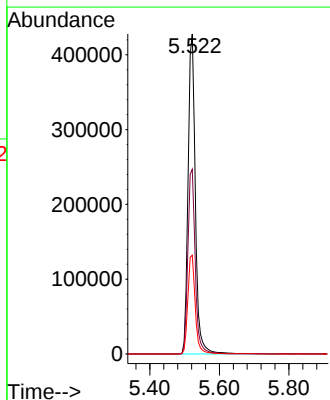
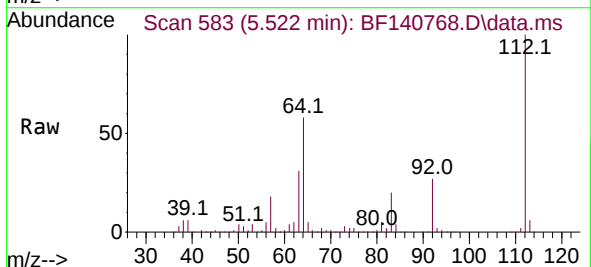
Instrument :  
BNA\_F  
ClientSampleId :  
MH-764

Tgt Ion:152 Resp: 68557  
Ion Ratio Lower Upper  
152 100  
150 157.0 128.5 192.7  
115 61.5 50.2 75.4



#5  
2-Fluorophenol  
Concen: 154.558 ng  
RT: 5.522 min Scan# 583  
Delta R.T. 0.023 min  
Lab File: BF140768.D  
Acq: 06 Dec 2024 15:58

Tgt Ion:112 Resp: 621028  
Ion Ratio Lower Upper  
112 100  
64 57.7 49.2 73.8  
63 30.8 27.0 40.4

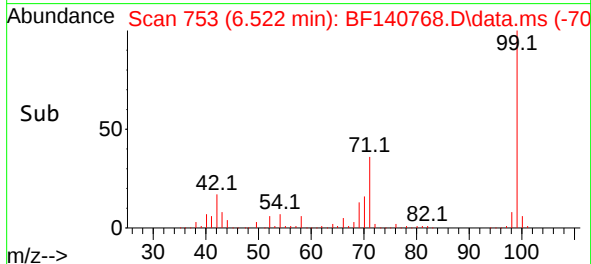
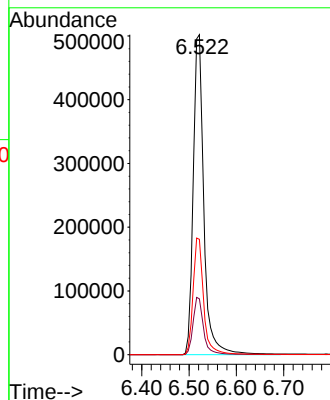
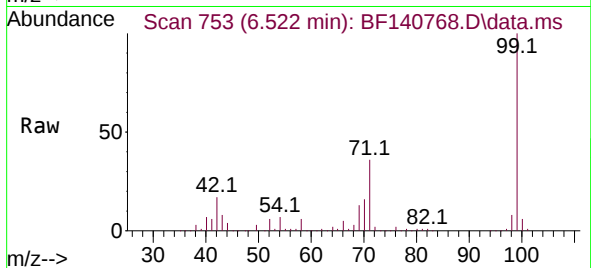




#7  
Phenol-d6  
Concen: 146.958 ng  
RT: 6.522 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF140768.D  
Acq: 06 Dec 2024 15:58

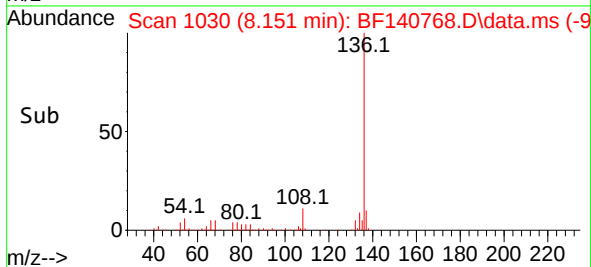
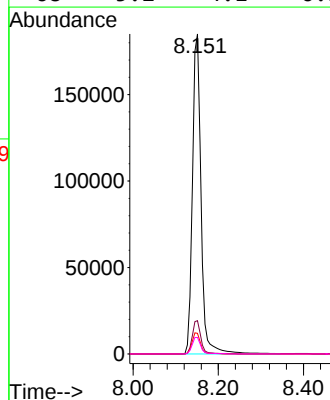
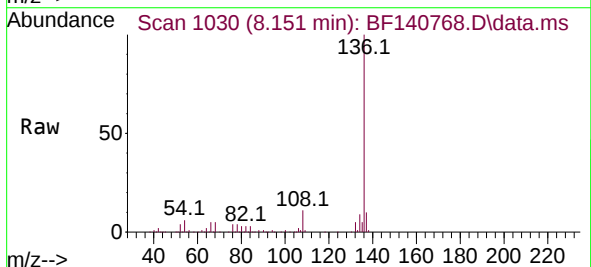
Instrument :  
BNA\_F  
ClientSampleId :  
MH-764

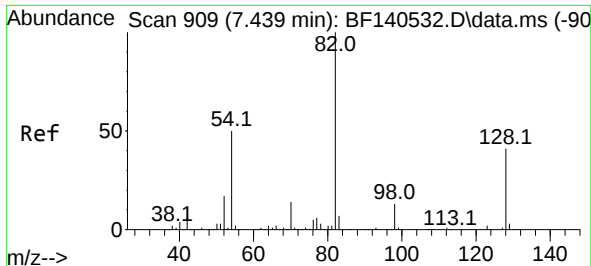
Tgt Ion: 99 Resp: 780643  
Ion Ratio Lower Upper  
99 100  
42 17.5 15.4 23.0  
71 36.0 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF140768.D  
Acq: 06 Dec 2024 15:58

Tgt Ion: 136 Resp: 259669  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 6.4 5.8 8.8  
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 103.935 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140768.D

Acq: 06 Dec 2024 15:58

Instrument :

BNA\_F

ClientSampleId :

MH-764

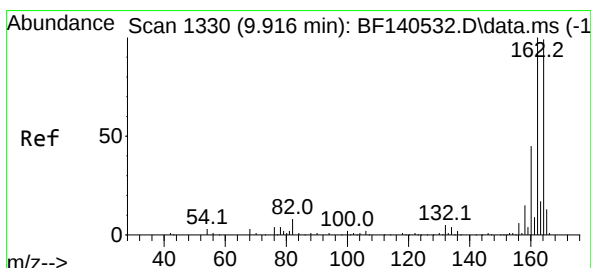
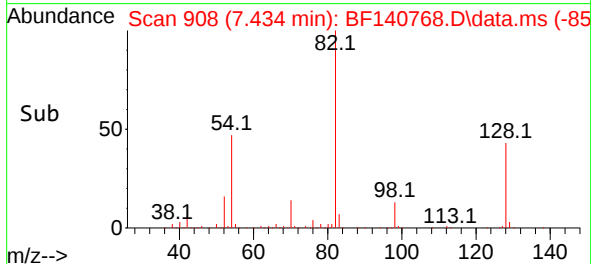
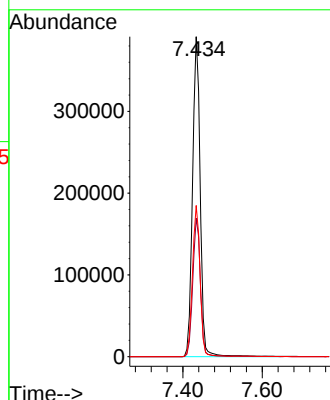
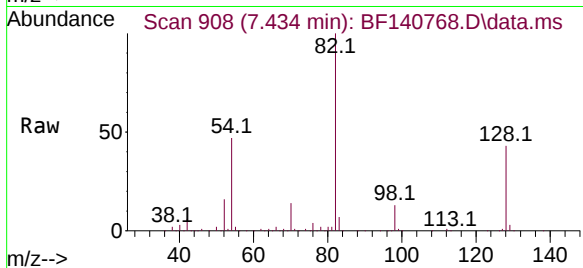
Tgt Ion: 82 Resp: 527634

Ion Ratio Lower Upper

82 100

128 43.3 33.0 49.4

54 47.2 39.5 59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF140768.D

Acq: 06 Dec 2024 15:58

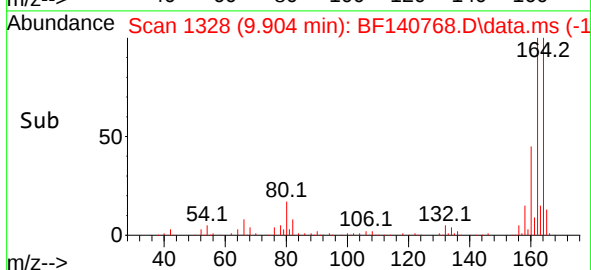
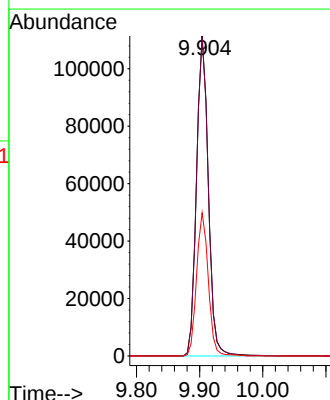
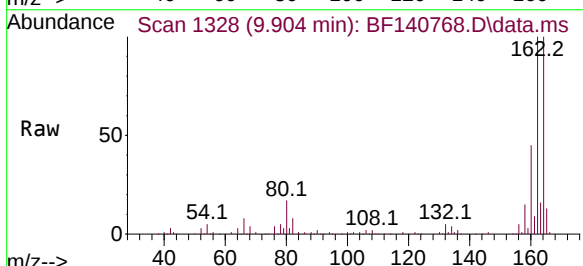
Tgt Ion:164 Resp: 145006

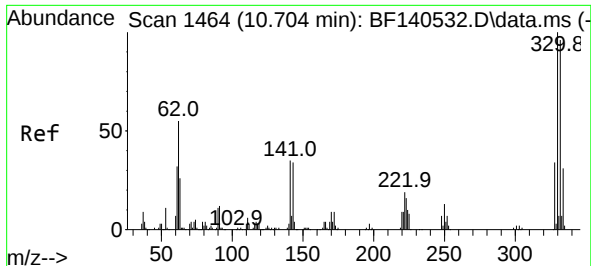
Ion Ratio Lower Upper

164 100

162 99.7 80.6 120.8

160 44.8 36.2 54.4

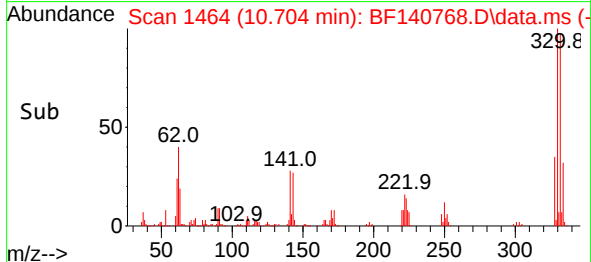
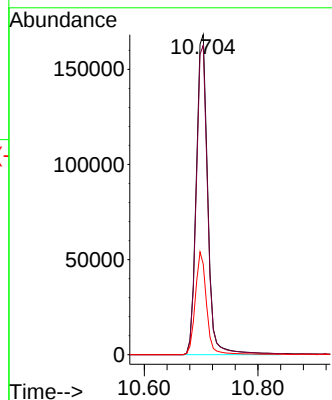
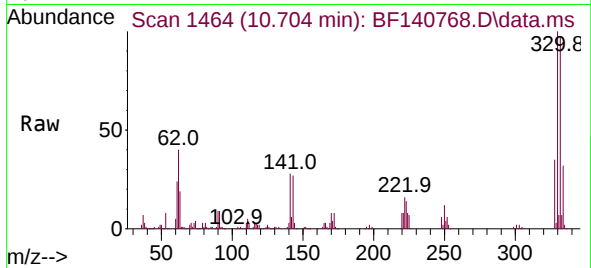




#42  
2,4,6-Tribromophenol  
Concen: 153.386 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: BF140768.D  
Acq: 06 Dec 2024 15:58

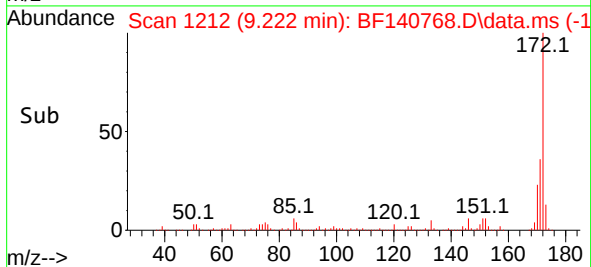
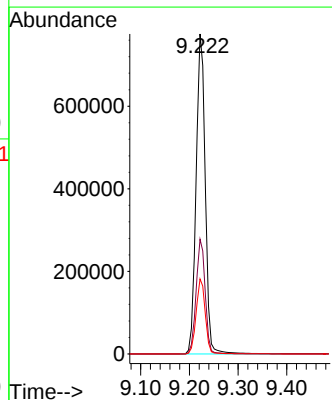
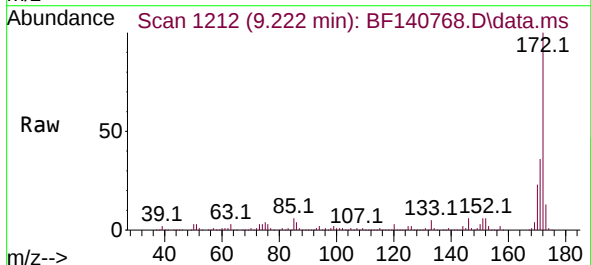
Instrument :  
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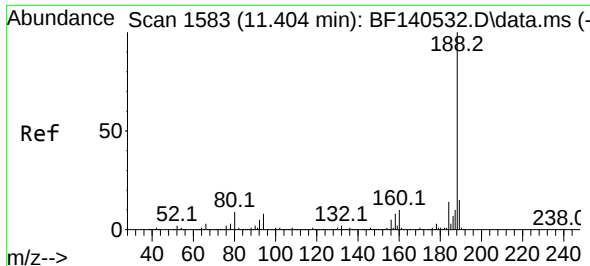
Tgt Ion:330 Resp: 237878  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.9 115.3  
141 31.7 26.7 40.1



#45  
2-Fluorobiphenyl  
Concen: 105.010 ng  
RT: 9.222 min Scan# 1212  
Delta R.T. -0.012 min  
Lab File: BF140768.D  
Acq: 06 Dec 2024 15:58

Tgt Ion:172 Resp: 1021992  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.4 42.6  
170 23.5 19.0 28.6

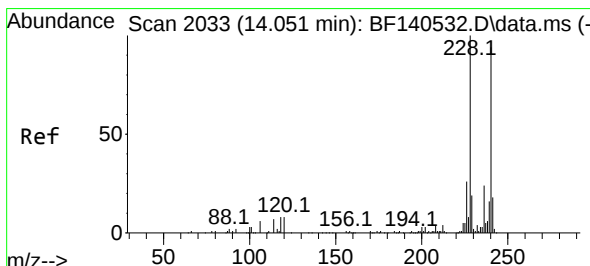
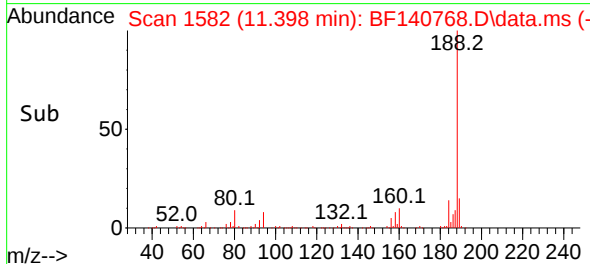
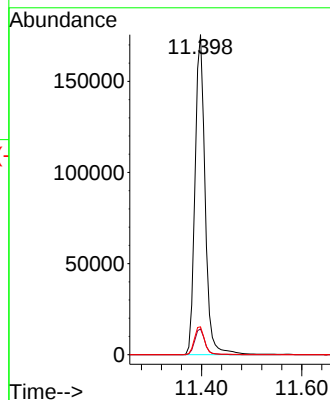
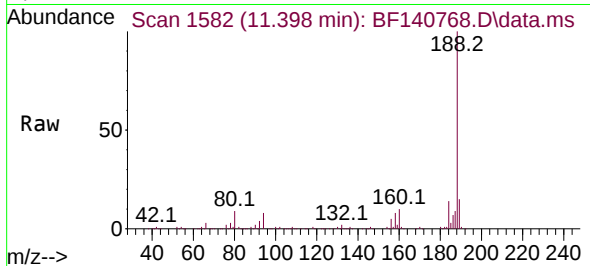




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140768.D  
Acq: 06 Dec 2024 15:58

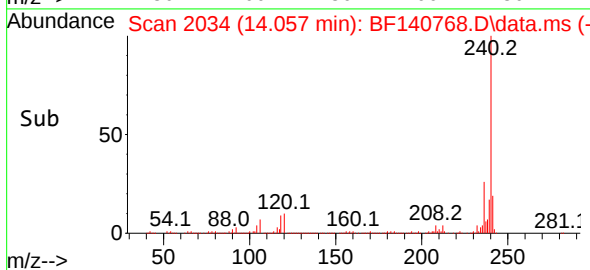
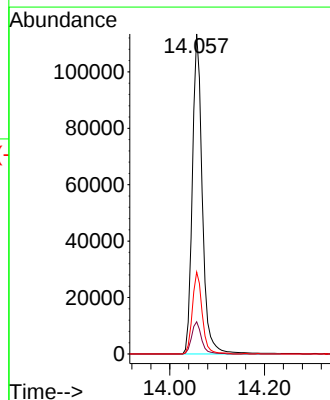
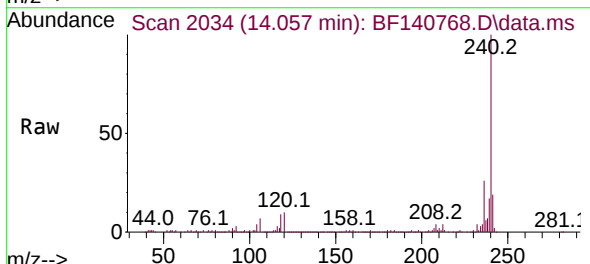
Instrument :  
BNA\_F  
ClientSampleId :  
MH-764

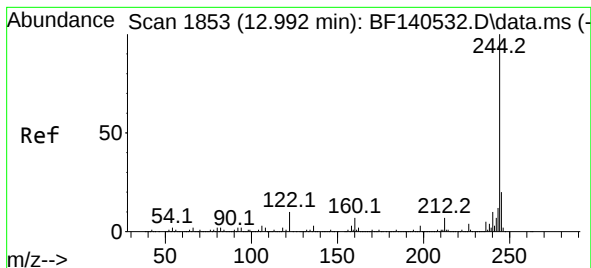
Tgt Ion:188 Resp: 244799  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.4 9.6  
80 8.7 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2034  
Delta R.T. 0.006 min  
Lab File: BF140768.D  
Acq: 06 Dec 2024 15:58

Tgt Ion:240 Resp: 165924  
Ion Ratio Lower Upper  
240 100  
120 10.0 7.3 10.9  
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 88.203 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140768.D

Acq: 06 Dec 2024 15:58

Instrument :

BNA\_F

ClientSampleId :

MH-764

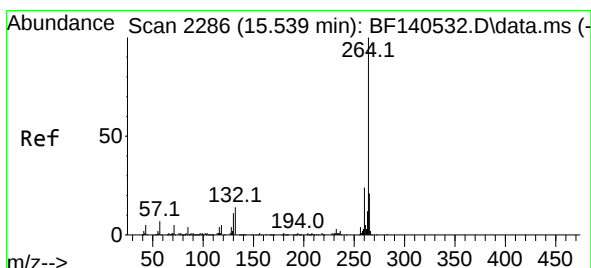
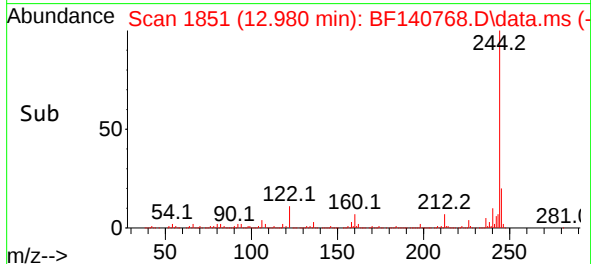
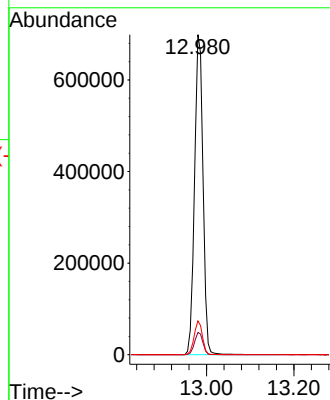
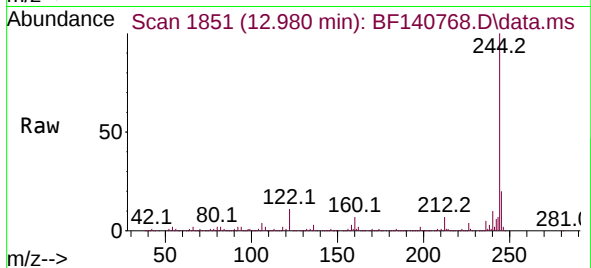
Tgt Ion:244 Resp: 939873

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.6 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.035 min

Lab File: BF140768.D

Acq: 06 Dec 2024 15:58

Tgt Ion:264 Resp: 190322

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 21.1 16.6 25.0

