

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112524\  
 Data File : BF140610.D  
 Acq On : 25 Nov 2024 18:34  
 Operator : RC/JU  
 Sample : P4960-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1

Quant Time: Nov 26 00:08:41 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  | 59105    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 220044   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 119818   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 220513   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.045 | 240  | 152332   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.545 | 264  | 126610   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 331974   | 95.832 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 429618   | 93.811 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 278329   | 64.699 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 116985   | 91.290 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 548301   | 68.182 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.980 | 244  | 608210   | 62.171 | ng    | -0.01    |

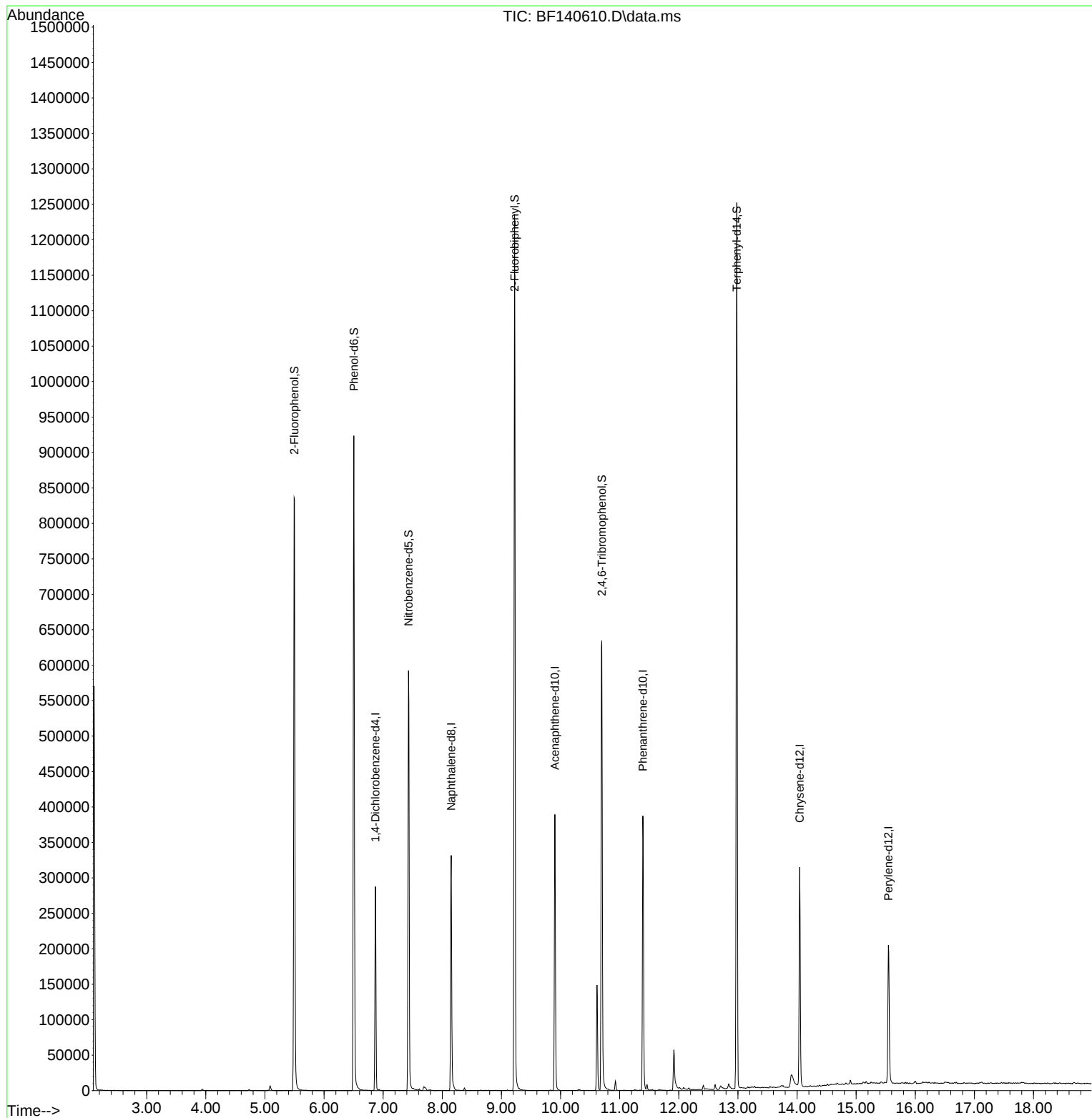
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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QLast Update : Thu Nov 21 15:23:48 2024  
Response via : Initial Calibration

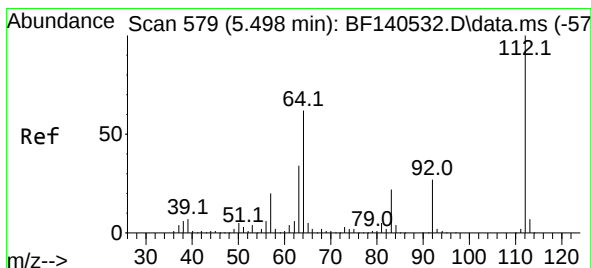
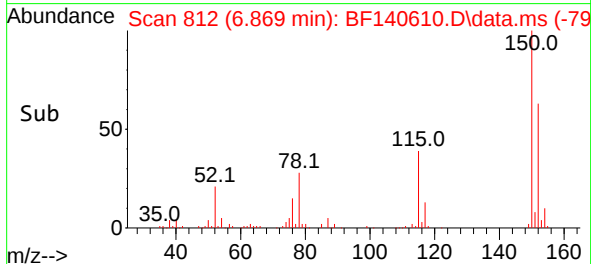
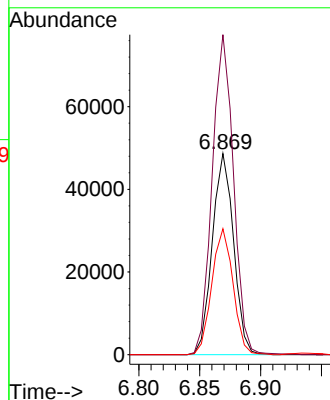
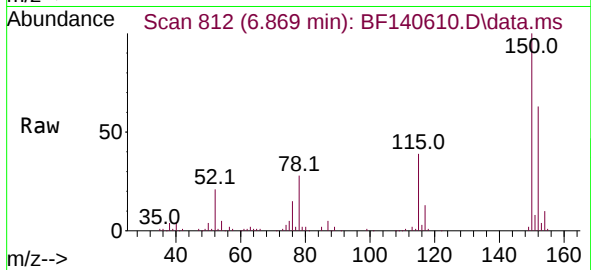




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF140610.D  
Acq: 25 Nov 2024 18:34

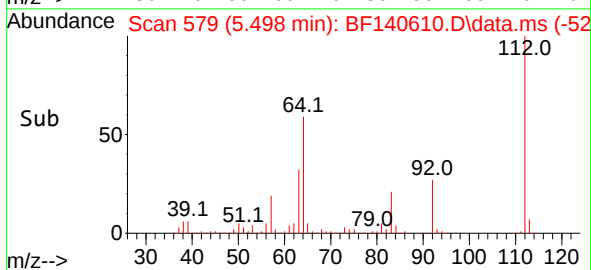
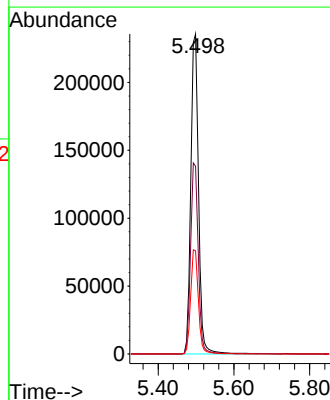
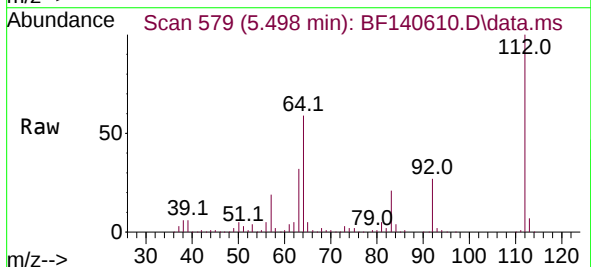
Instrument :  
BNA\_F  
ClientSampleId :  
B1

Tgt Ion:152 Resp: 59105  
Ion Ratio Lower Upper  
152 100  
150 159.1 128.5 192.7  
115 62.6 50.2 75.4



#5  
2-Fluorophenol  
Concen: 95.832 ng  
RT: 5.498 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: BF140610.D  
Acq: 25 Nov 2024 18:34

Tgt Ion:112 Resp: 331974  
Ion Ratio Lower Upper  
112 100  
64 58.7 49.2 73.8  
63 32.2 27.0 40.4

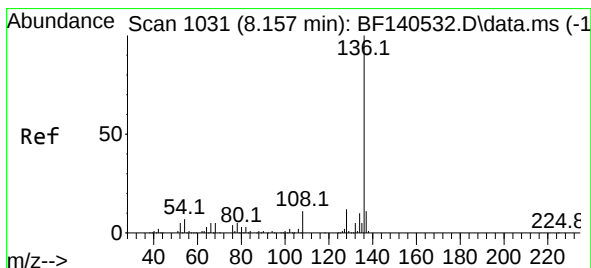
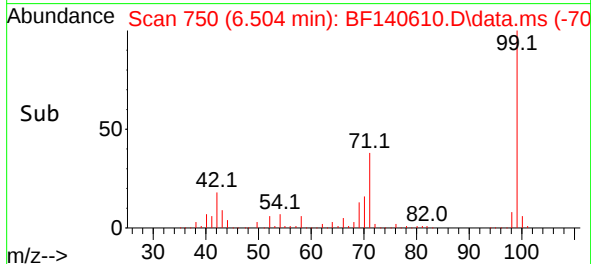
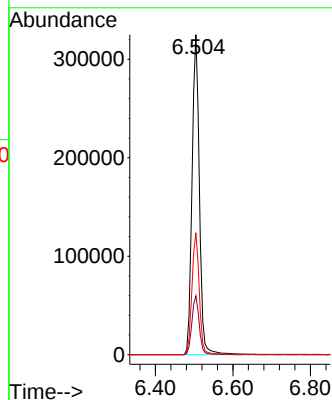
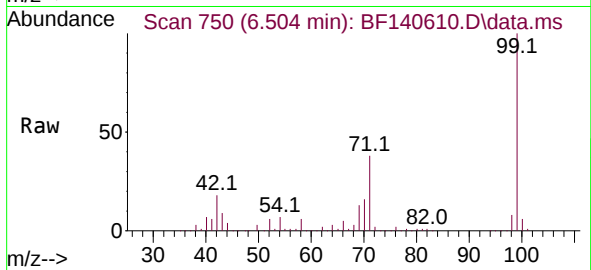




#7  
Phenol-d6  
Concen: 93.811 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF140610.D  
Acq: 25 Nov 2024 18:34

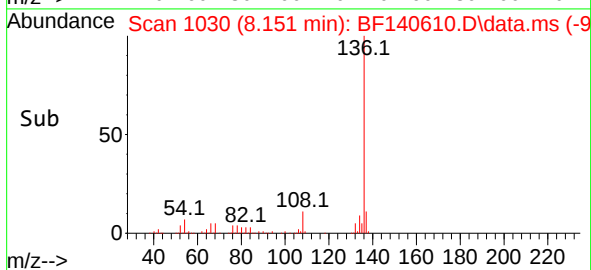
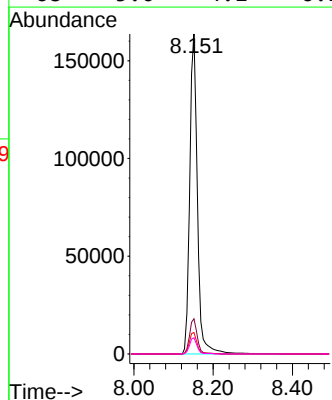
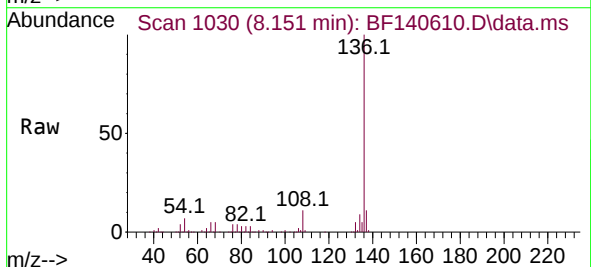
Instrument :  
BNA\_F  
ClientSampleId :  
B1

Tgt Ion: 99 Resp: 429618  
Ion Ratio Lower Upper  
99 100  
42 18.4 15.4 23.0  
71 38.1 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: BF140610.D  
Acq: 25 Nov 2024 18:34

Tgt Ion: 136 Resp: 220044  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 6.7 5.8 8.8  
68 5.0 4.1 6.1

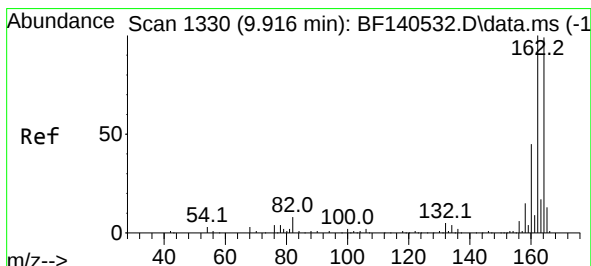
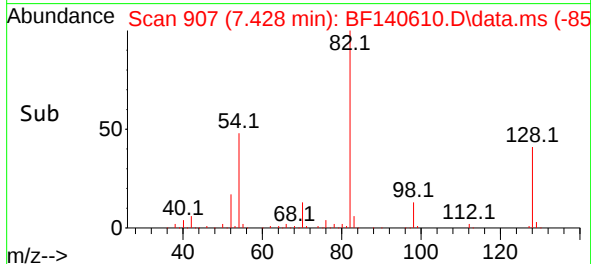
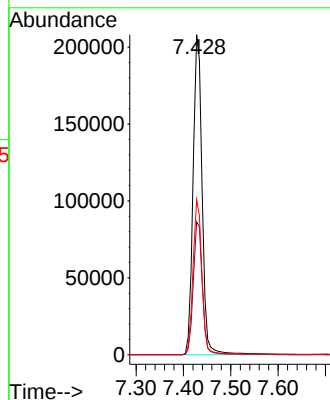
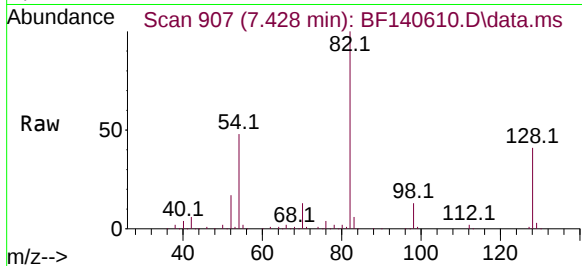




#23  
Nitrobenzene-d5  
Concen: 64.699 ng  
RT: 7.428 min Scan# 909  
Delta R.T. -0.012 min  
Lab File: BF140610.D  
Acq: 25 Nov 2024 18:34

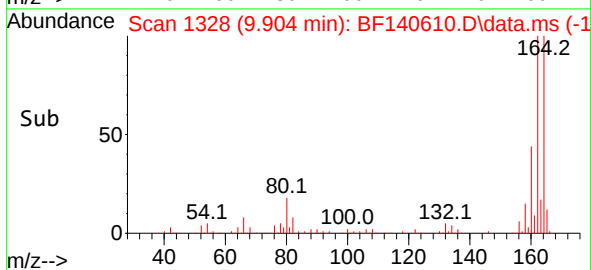
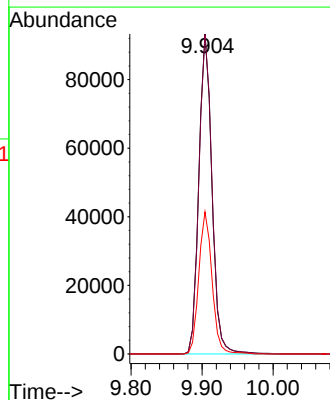
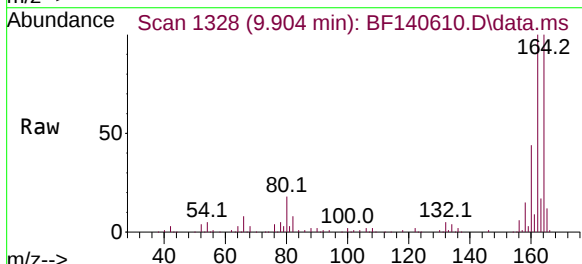
Instrument :  
BNA\_F  
ClientSampleId :  
B1

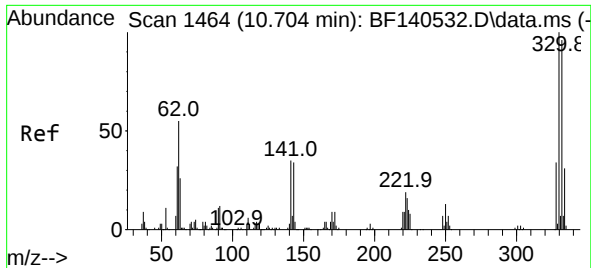
Tgt Ion: 82 Resp: 278329  
Ion Ratio Lower Upper  
82 100  
128 41.5 33.0 49.4  
54 48.4 39.5 59.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF140610.D  
Acq: 25 Nov 2024 18:34

Tgt Ion:164 Resp: 119818  
Ion Ratio Lower Upper  
164 100  
162 99.9 80.6 120.8  
160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 91.290 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140610.D

Acq: 25 Nov 2024 18:34

Instrument :

BNA\_F

ClientSampleId :

B1

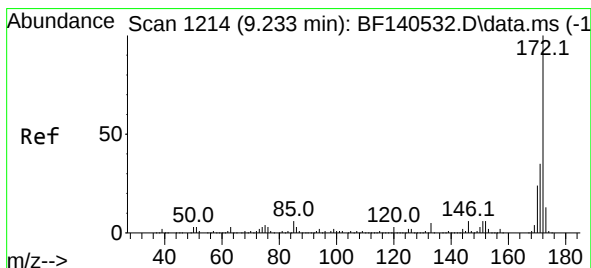
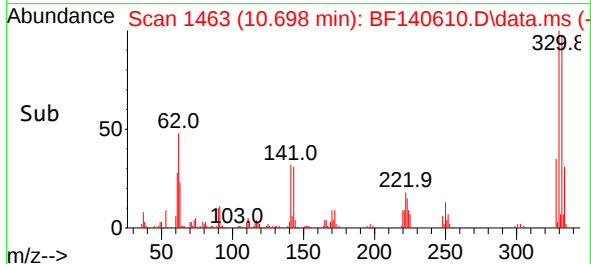
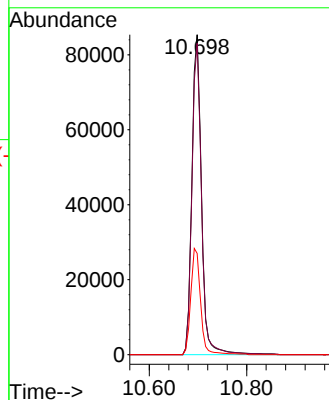
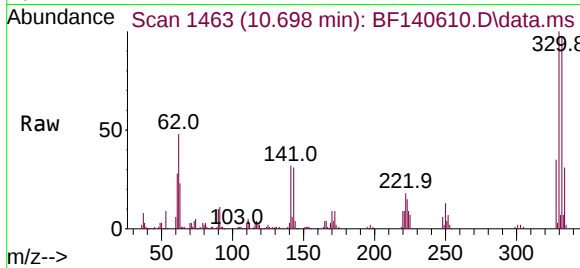
Tgt Ion:330 Resp: 116985

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

141 33.8 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 68.182 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140610.D

Acq: 25 Nov 2024 18:34

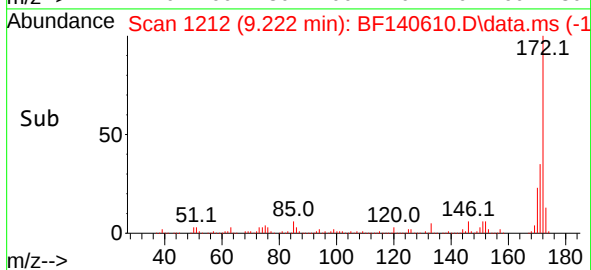
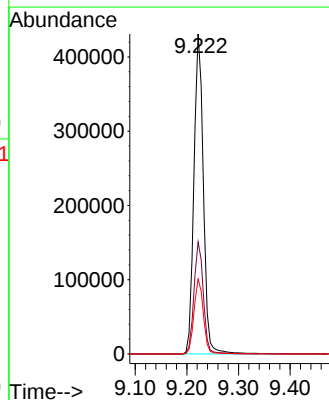
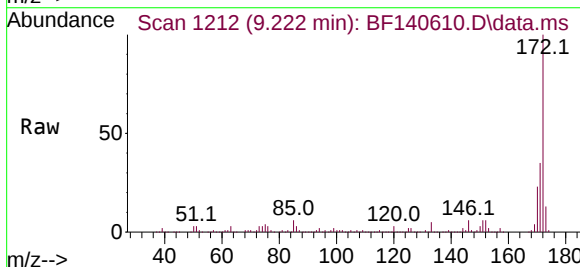
Tgt Ion:172 Resp: 548301

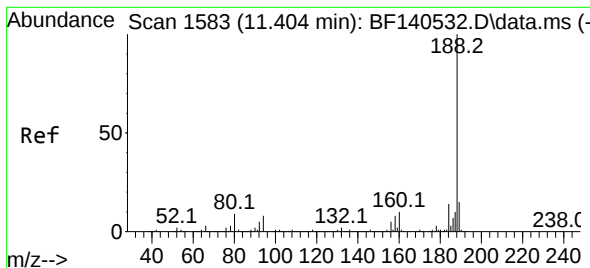
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140610.D

Acq: 25 Nov 2024 18:34

Instrument :

BNA\_F

ClientSampleId :

B1

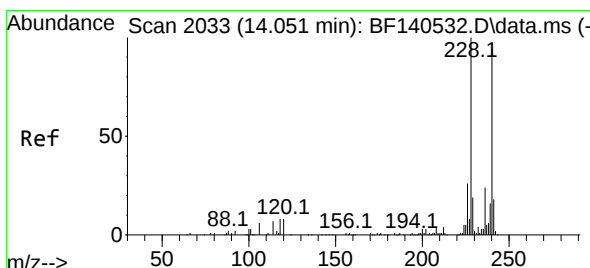
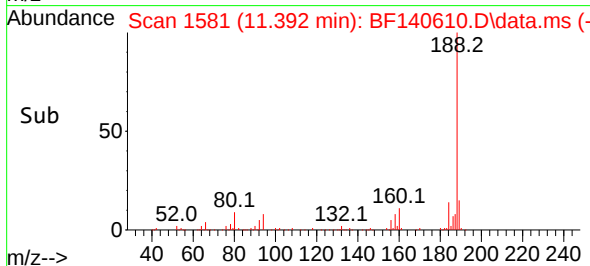
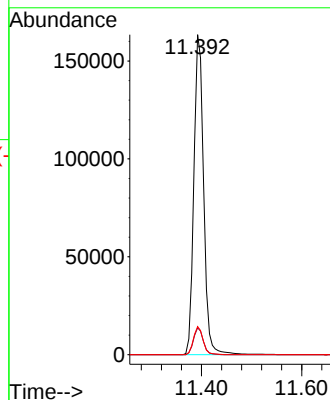
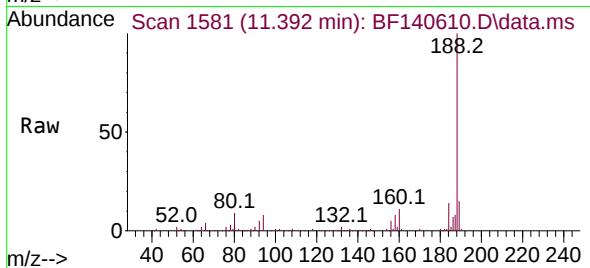
Tgt Ion:188 Resp: 220513

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 8.8 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140610.D

Acq: 25 Nov 2024 18:34

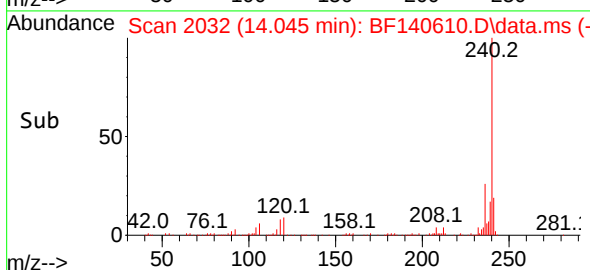
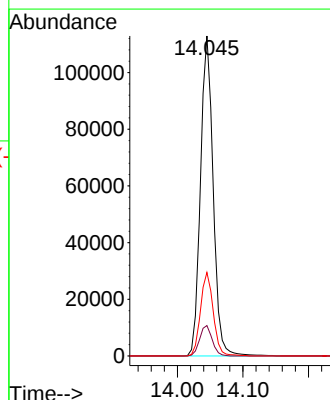
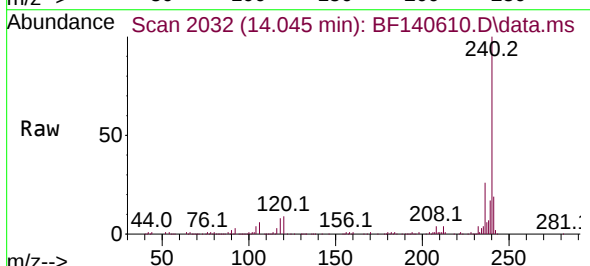
Tgt Ion:240 Resp: 152332

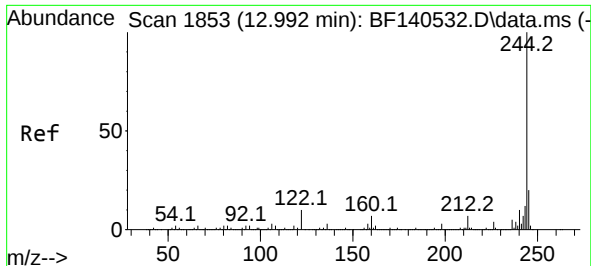
Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

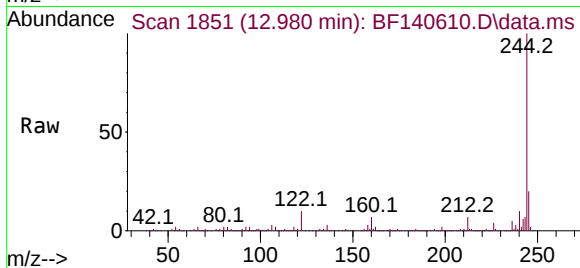
236 26.1 20.6 31.0



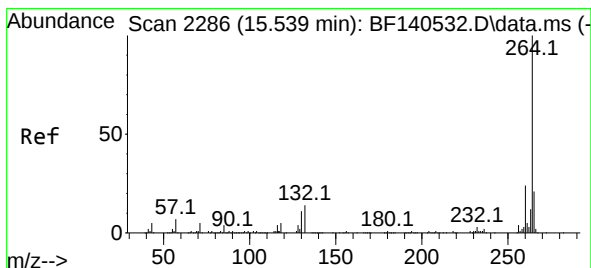
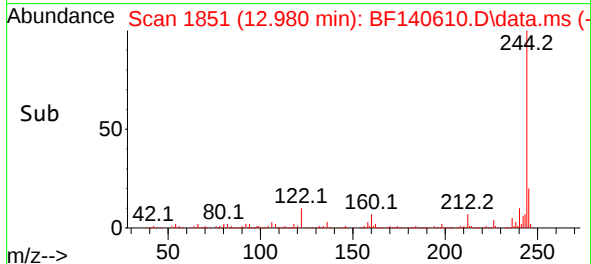
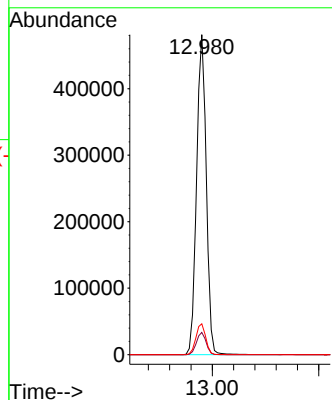


#79  
 Terphenyl-d14  
 Concen: 62.171 ng  
 RT: 12.980 min Scan# 1851  
 Delta R.T. -0.012 min  
 Lab File: BF140610.D  
 Acq: 25 Nov 2024 18:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1



Tgt Ion:244 Resp: 608210  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.8  
 122 9.6 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 2287  
 Delta R.T. 0.006 min  
 Lab File: BF140610.D  
 Acq: 25 Nov 2024 18:34

Tgt Ion:264 Resp: 126610  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.0 28.6  
 265 21.9 16.6 25.0

