

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111624\  
Data File : BF140436.D  
Acq On : 16 Nov 2024 18:00  
Operator : RC/JU  
Sample : P4833-05  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

Quant Time: Nov 18 00:09:03 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 13 14:40:06 2024  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 118629   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 435635   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 228104   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 355089   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 237316   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.527 | 264  | 176746   | 20.000 | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 599967   | 86.351 | ng    | 0.01     |
| 7) Phenol-d6                | 6.510  | 99   | 789156   | 83.833 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 495718   | 59.289 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 165492   | 72.958 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 906006   | 63.850 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 750138   | 54.867 | ng    | 0.00     |

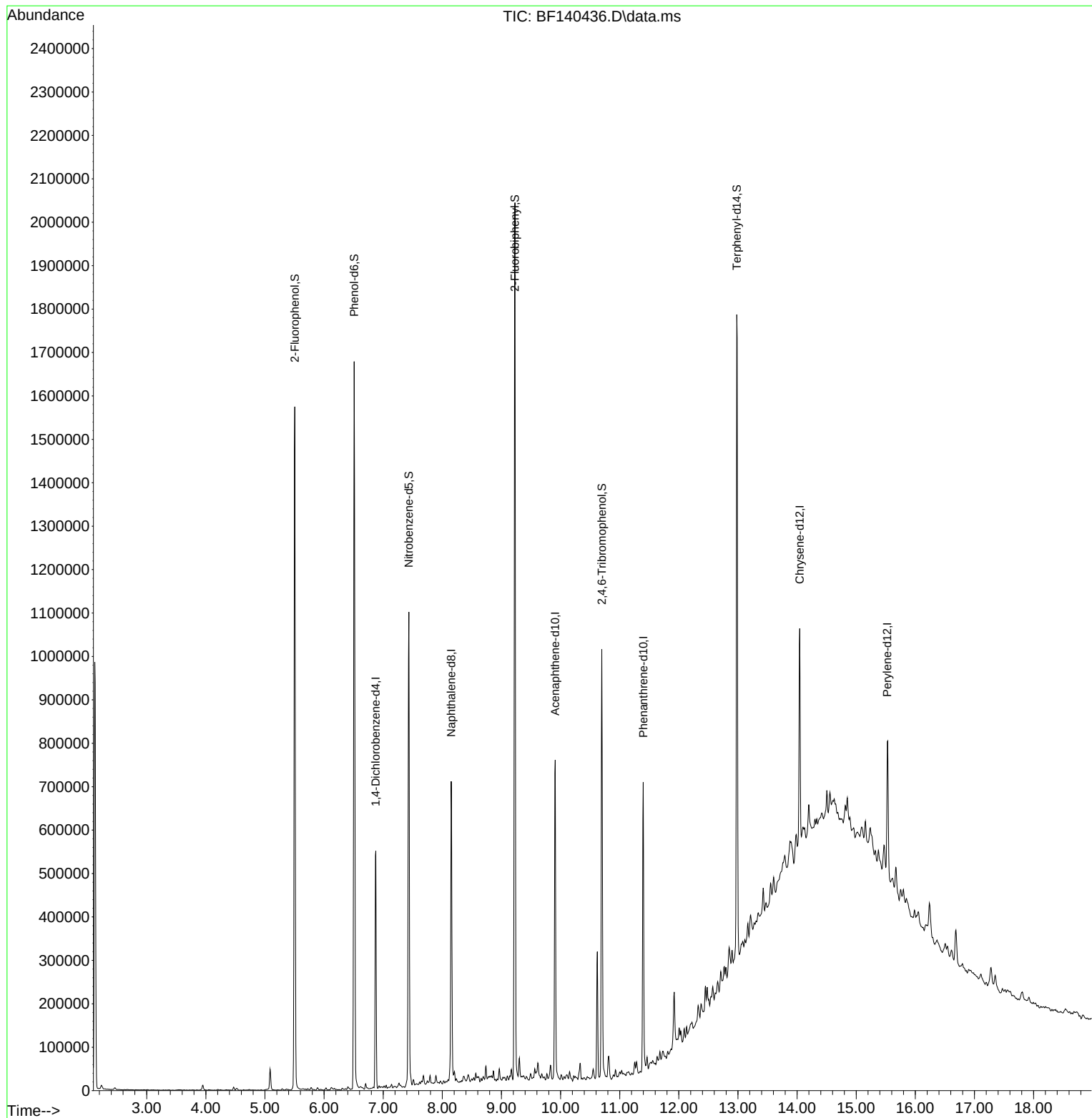
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

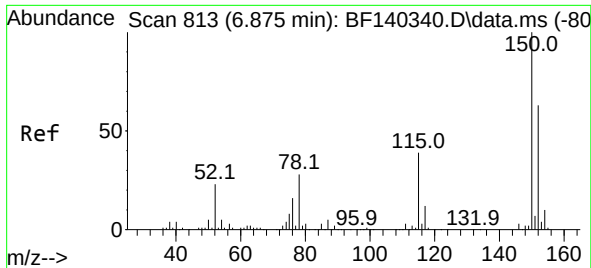
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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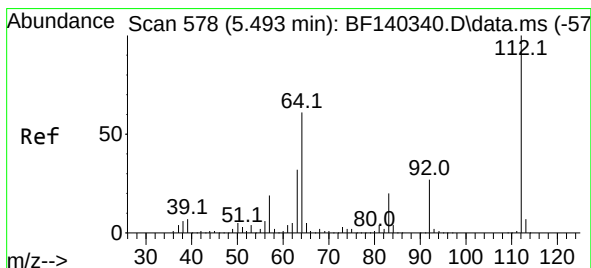
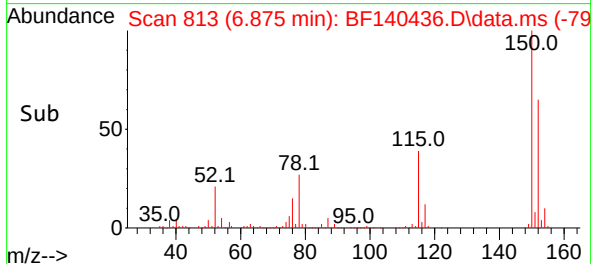
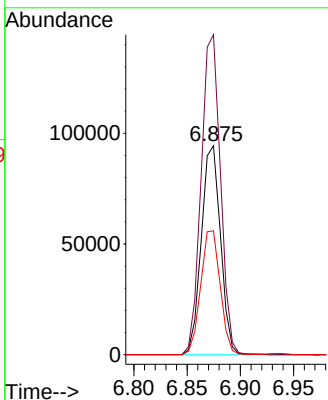
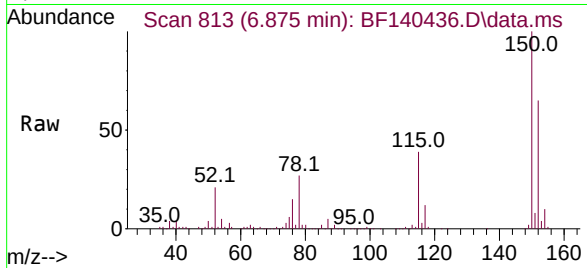




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140436.D  
Acq: 16 Nov 2024 18:00

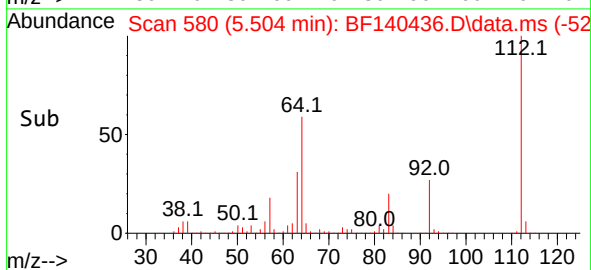
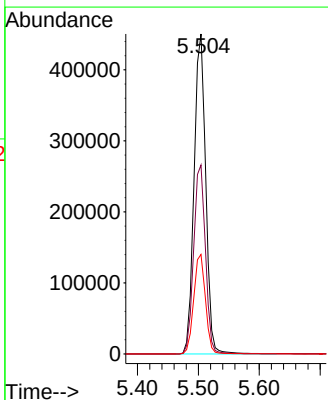
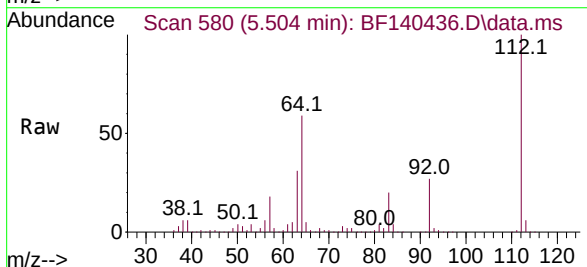
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

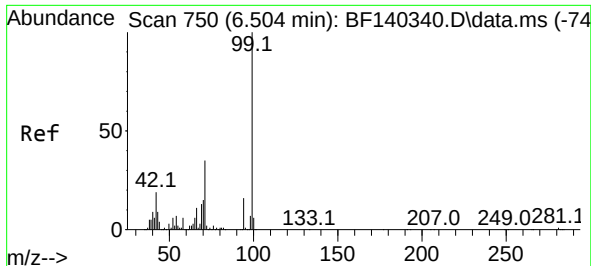
Tgt Ion:152 Resp: 118629  
Ion Ratio Lower Upper  
152 100  
150 153.1 127.4 191.0  
115 59.2 47.4 71.2



#5  
2-Fluorophenol  
Concen: 86.351 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.012 min  
Lab File: BF140436.D  
Acq: 16 Nov 2024 18:00

Tgt Ion:112 Resp: 599967  
Ion Ratio Lower Upper  
112 100  
64 59.1 49.2 73.8  
63 31.1 25.6 38.4

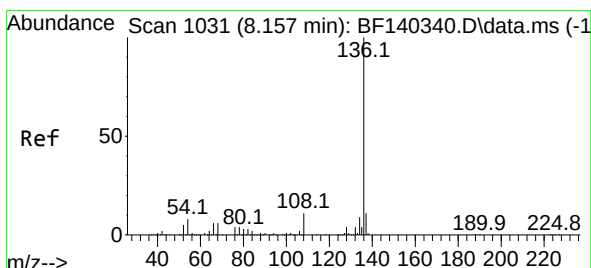
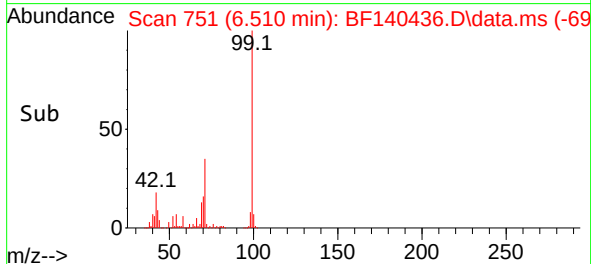
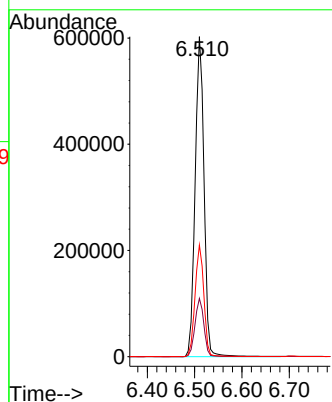
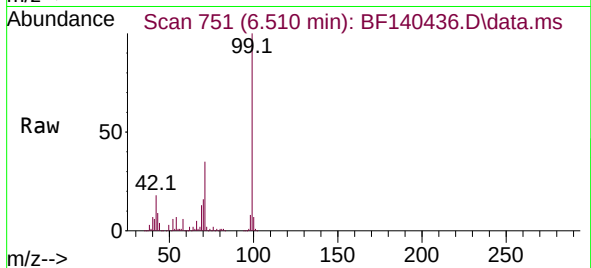




#7  
Phenol-d6  
Concen: 83.833 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF140436.D  
Acq: 16 Nov 2024 18:00

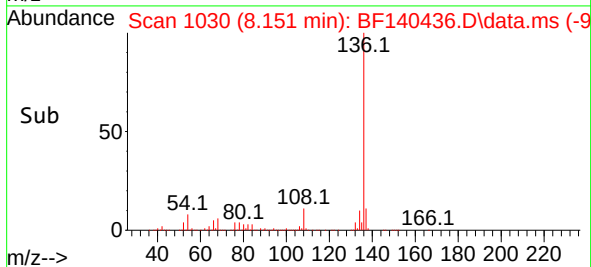
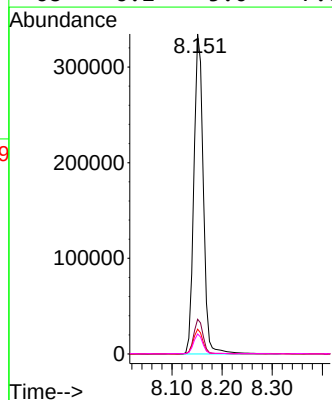
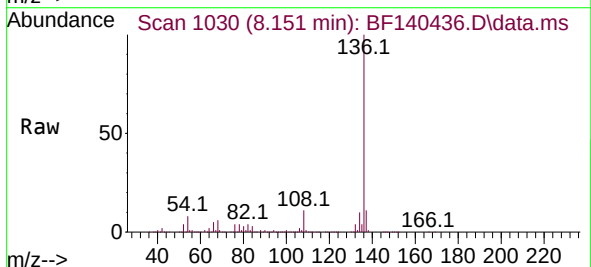
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

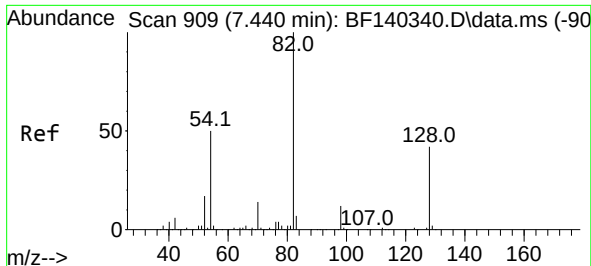
Tgt Ion: 99 Resp: 789156  
Ion Ratio Lower Upper  
99 100  
42 18.2 15.1 22.7  
71 34.9 27.9 41.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF140436.D  
Acq: 16 Nov 2024 18:00

Tgt Ion: 136 Resp: 435635  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 7.8 6.5 9.7  
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 59.289 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140436.D

Acq: 16 Nov 2024 18:00

Instrument :

BNA\_F

ClientSampleId :

TP-2

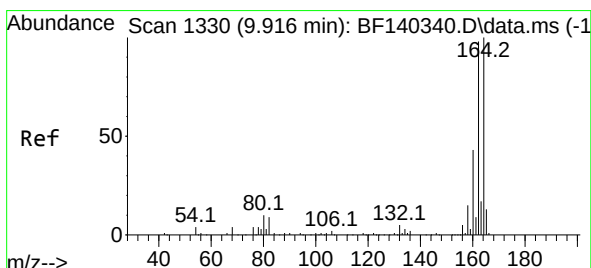
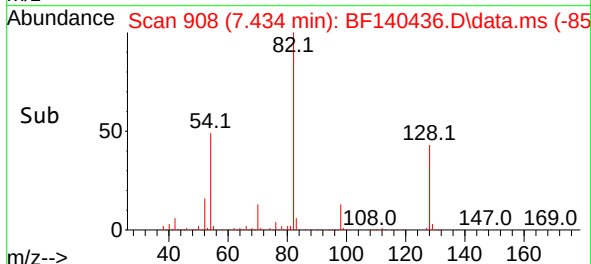
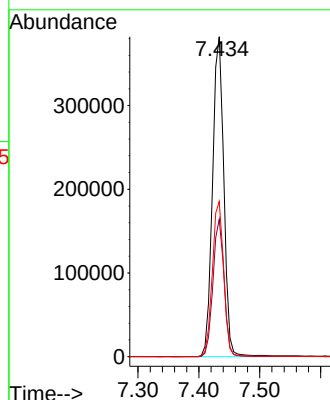
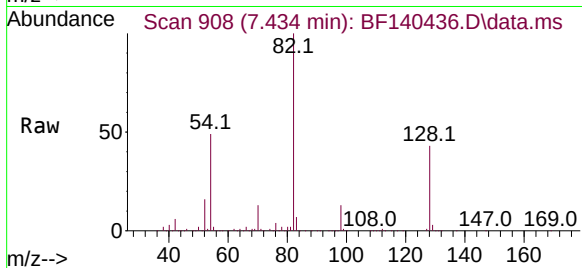
Tgt Ion: 82 Resp: 495718

Ion Ratio Lower Upper

82 100

128 43.0 33.3 49.9

54 48.5 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140436.D

Acq: 16 Nov 2024 18:00

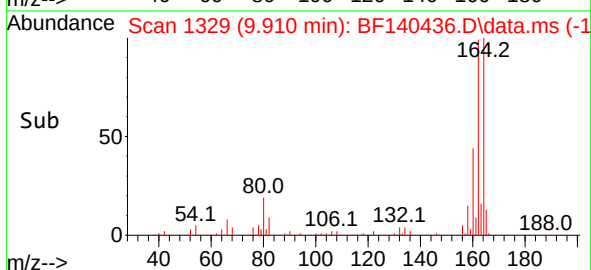
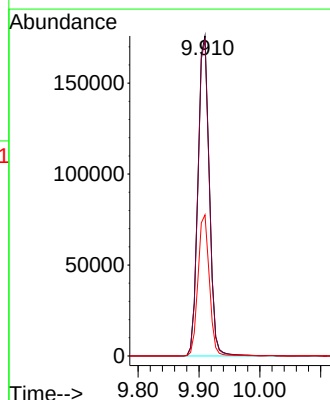
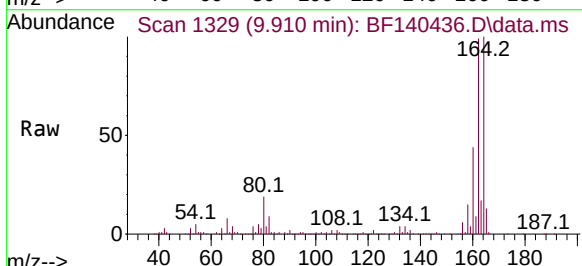
Tgt Ion:164 Resp: 228104

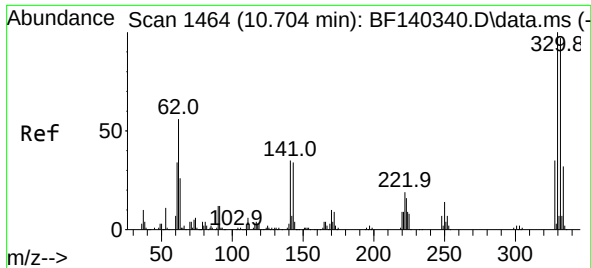
Ion Ratio Lower Upper

164 100

162 98.7 79.8 119.8

160 44.1 35.4 53.0

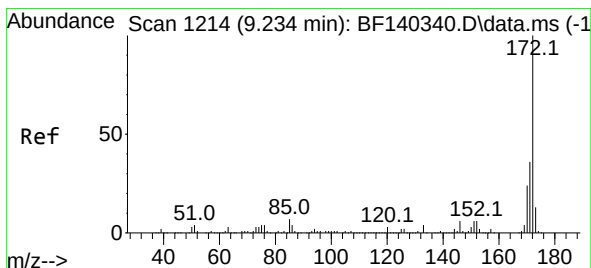
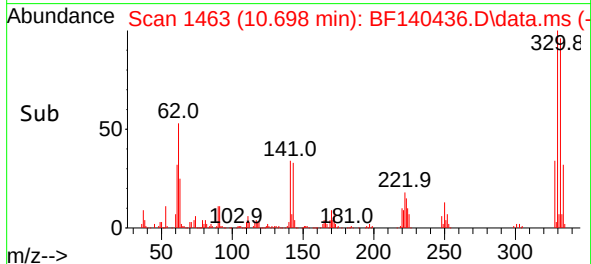
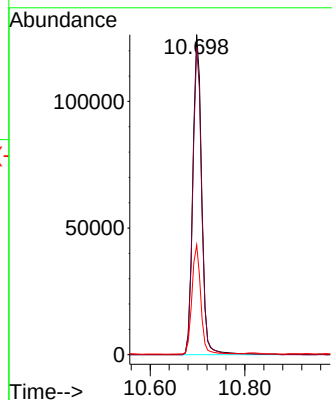
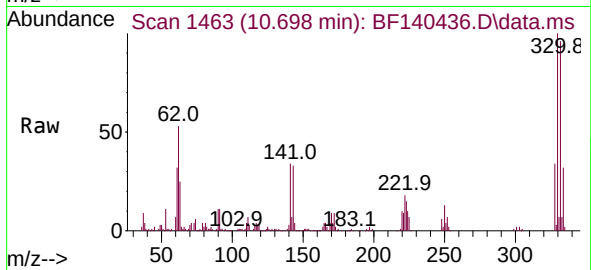




#42  
2,4,6-Tribromophenol  
Concen: 72.958 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF140436.D  
Acq: 16 Nov 2024 18:00

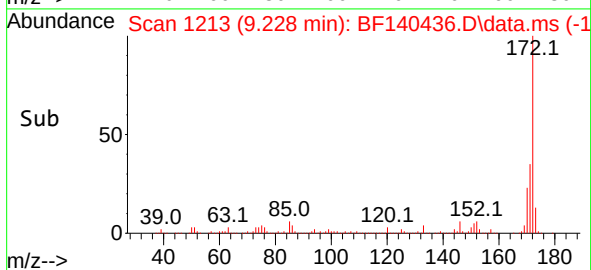
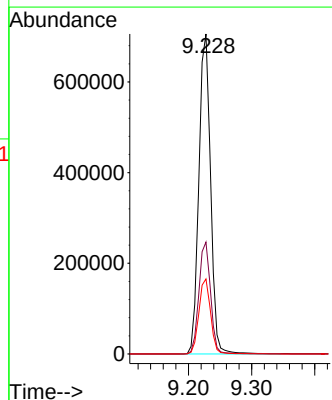
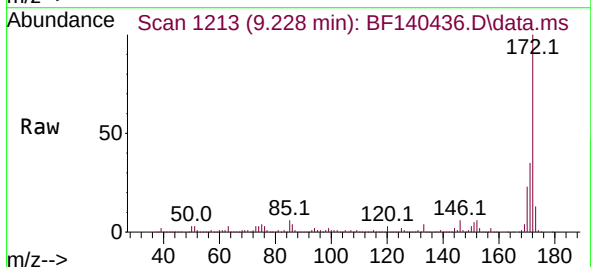
Instrument :  
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ClientSampleId :  
TP-2

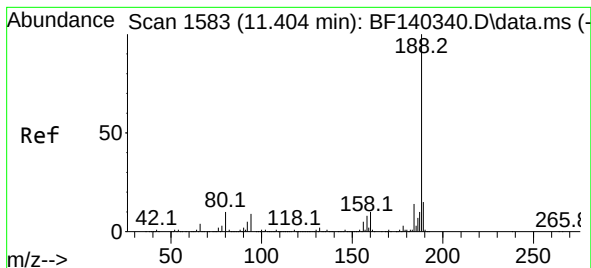
Tgt Ion:330 Resp: 165492  
Ion Ratio Lower Upper  
330 100  
332 95.6 75.9 113.9  
141 33.7 26.9 40.3



#45  
2-Fluorobiphenyl  
Concen: 63.850 ng  
RT: 9.228 min Scan# 1213  
Delta R.T. -0.006 min  
Lab File: BF140436.D  
Acq: 16 Nov 2024 18:00

Tgt Ion:172 Resp: 906006  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.5 42.7  
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140436.D

Acq: 16 Nov 2024 18:00

Instrument :

BNA\_F

ClientSampleId :

TP-2

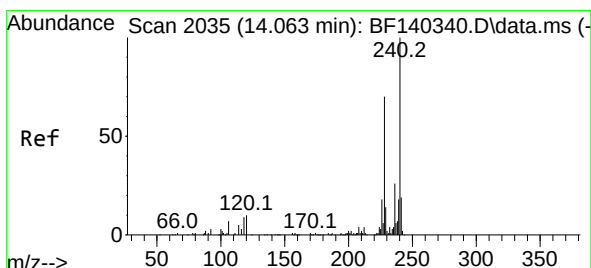
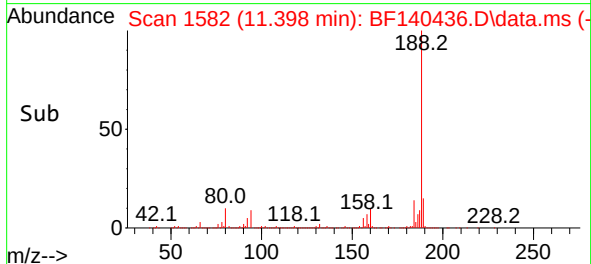
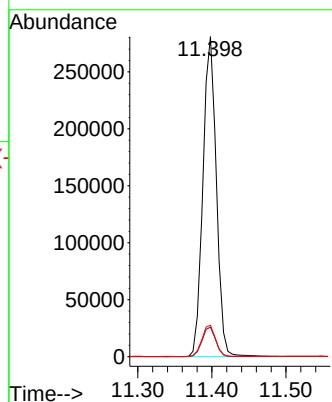
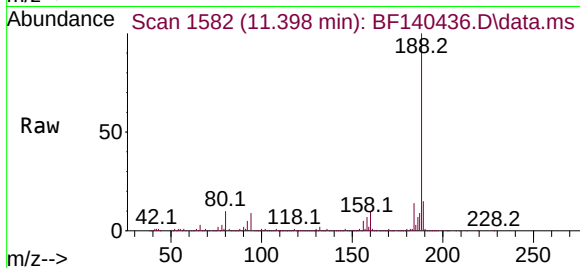
Tgt Ion:188 Resp: 355089

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.8 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140436.D

Acq: 16 Nov 2024 18:00

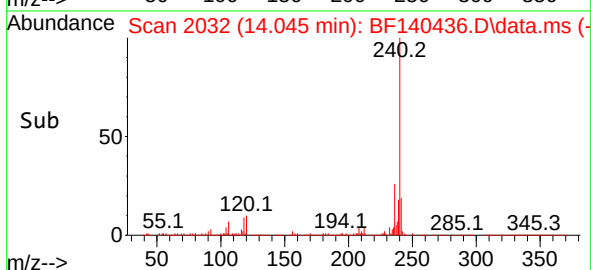
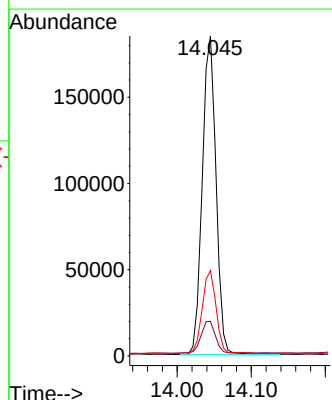
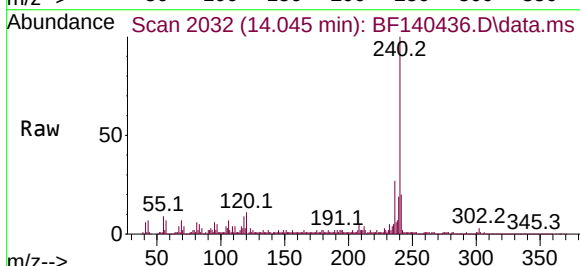
Tgt Ion:240 Resp: 237316

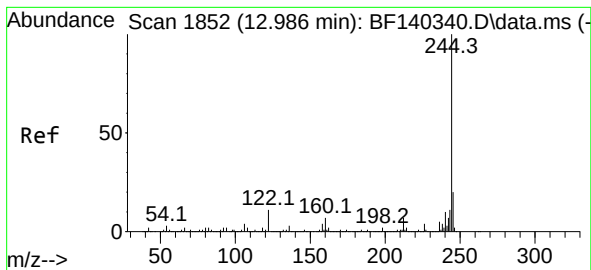
Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

236 26.7 20.9 31.3





#79

Terphenyl-d14

Concen: 54.867 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140436.D

Acq: 16 Nov 2024 18:00

Instrument :

BNA\_F

ClientSampleId :

TP-2

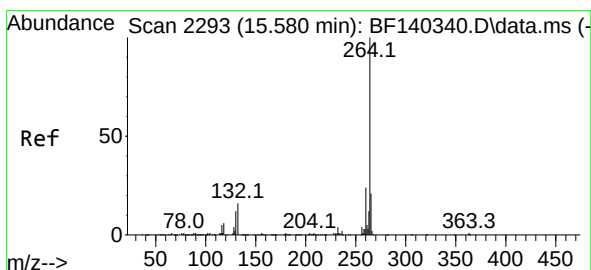
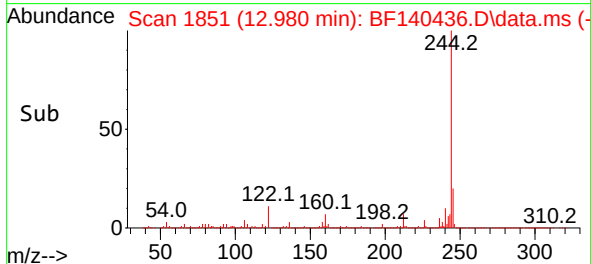
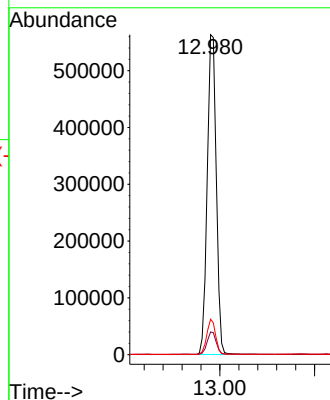
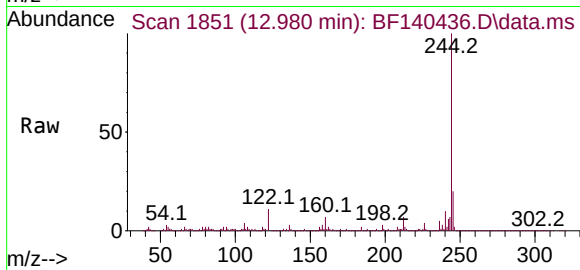
Tgt Ion:244 Resp: 750138

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.1 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.030 min

Lab File: BF140436.D

Acq: 16 Nov 2024 18:00

Tgt Ion:264 Resp: 176746

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.7 17.1 25.7

