

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111924\  
 Data File : BF140477.D  
 Acq On : 19 Nov 2024 16:51  
 Operator : RC/JU  
 Sample : P4870-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1

Quant Time: Nov 19 17:40:07 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  | 142342   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 529334   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 260928   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.398 | 188  | 384950   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 246325   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.527 | 264  | 198529   | 20.000 | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 602831   | 72.309 | ng    | 0.01     |
| 7) Phenol-d6                | 6.510  | 99   | 872571   | 77.252 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 605867   | 59.636 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 139779   | 53.870 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 1022480  | 62.994 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 741167   | 52.228 | ng    | 0.00     |

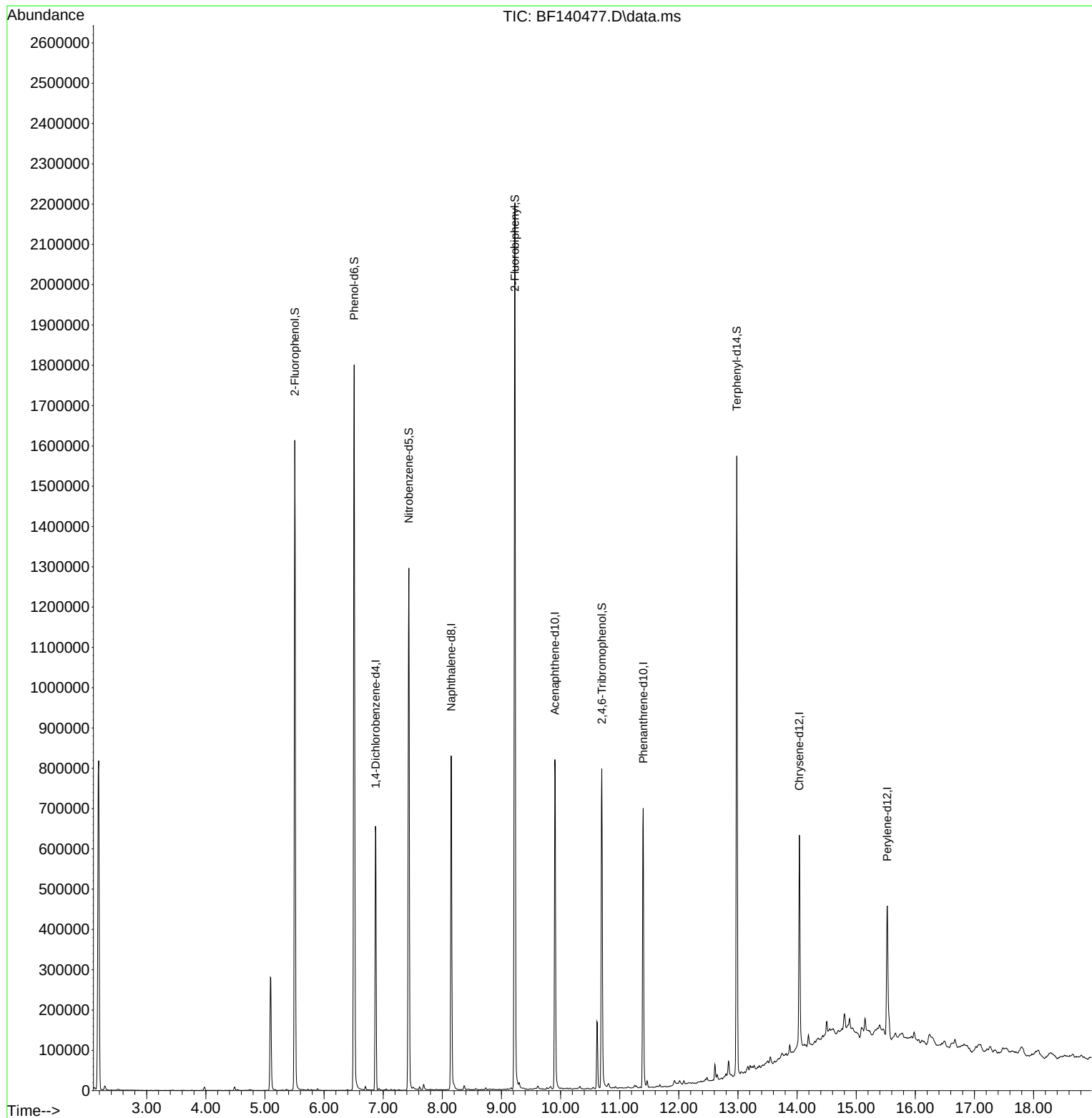
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

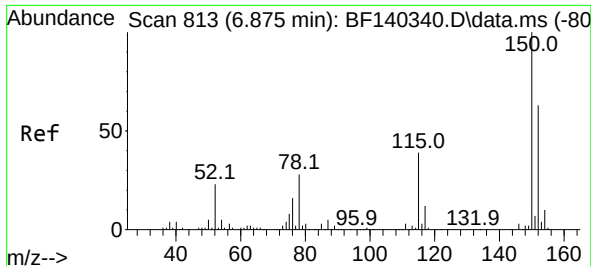
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P4870-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

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Quant Time: Nov 19 17:40:07 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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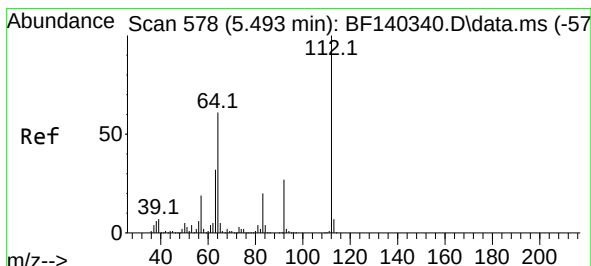
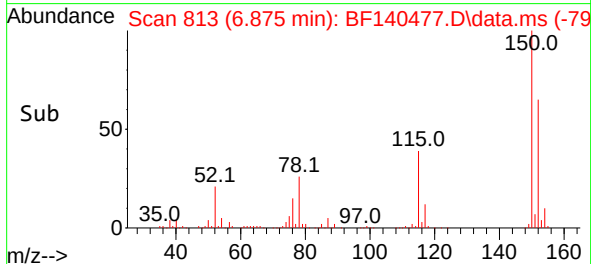
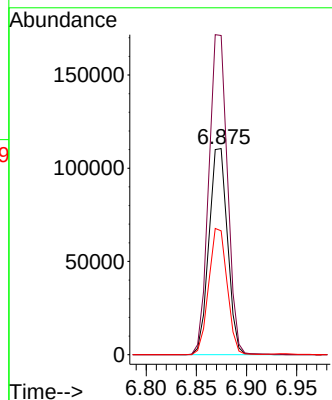
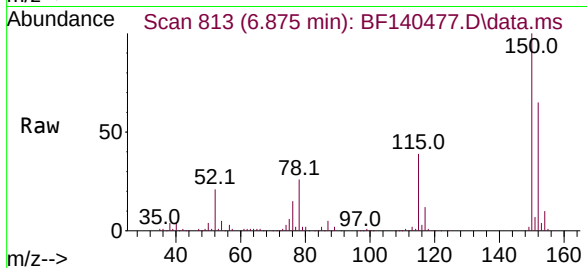




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF140477.D  
Acq: 19 Nov 2024 16:51

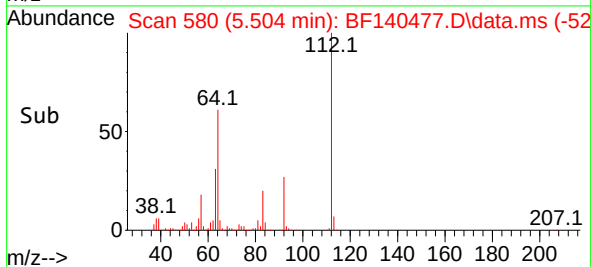
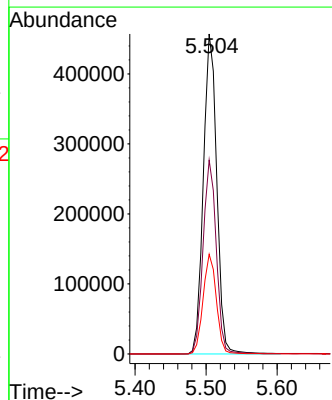
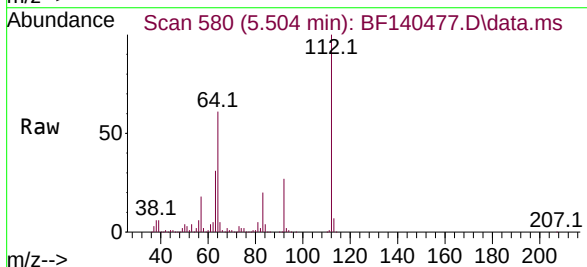
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

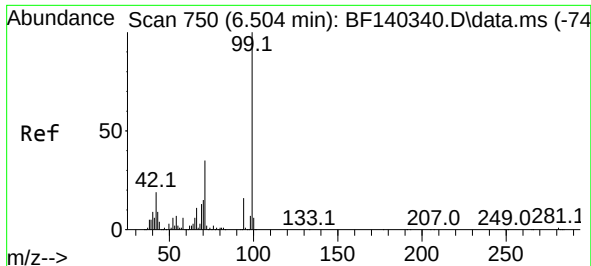
Tgt Ion:152 Resp: 142342  
Ion Ratio Lower Upper  
152 100  
150 154.9 127.4 191.0  
115 60.1 47.4 71.2



#5  
2-Fluorophenol  
Concen: 72.309 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.012 min  
Lab File: BF140477.D  
Acq: 19 Nov 2024 16:51

Tgt Ion:112 Resp: 602831  
Ion Ratio Lower Upper  
112 100  
64 60.6 49.2 73.8  
63 31.2 25.6 38.4

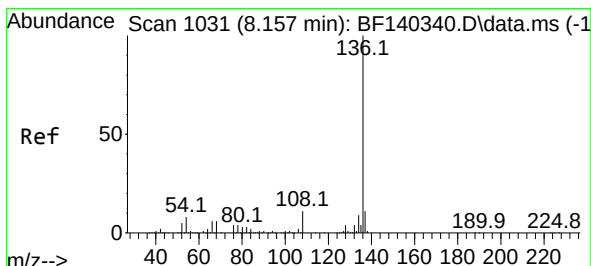
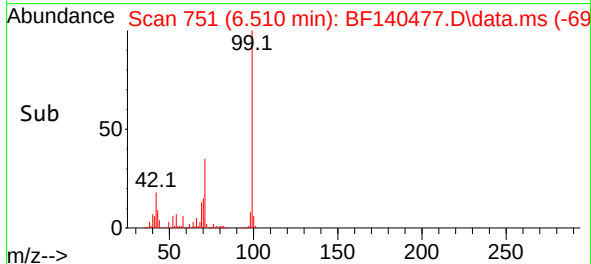
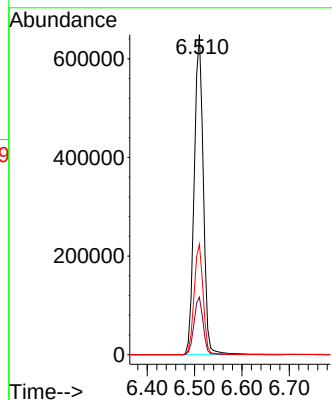
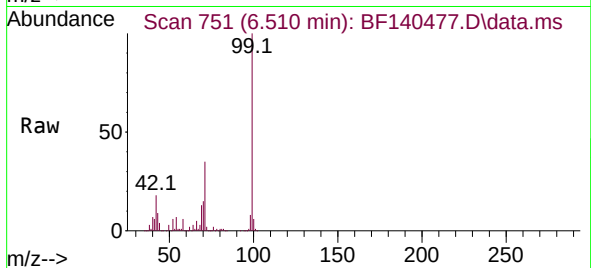




#7  
Phenol-d6  
Concen: 77.252 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF140477.D  
Acq: 19 Nov 2024 16:51

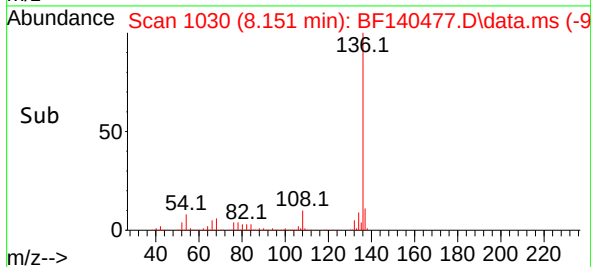
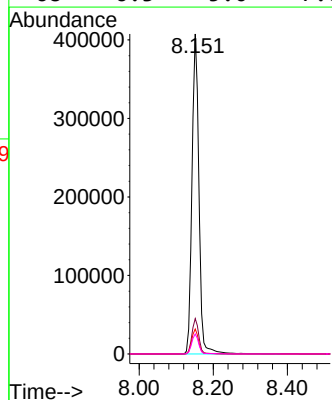
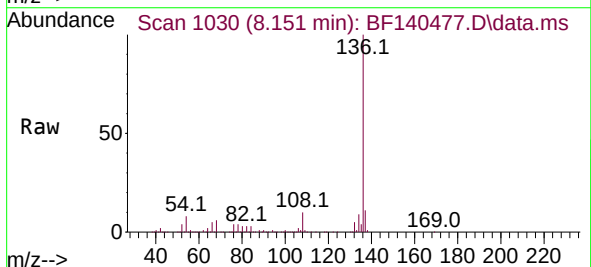
Instrument :  
BNA\_F  
ClientSampleId :  
TP-1

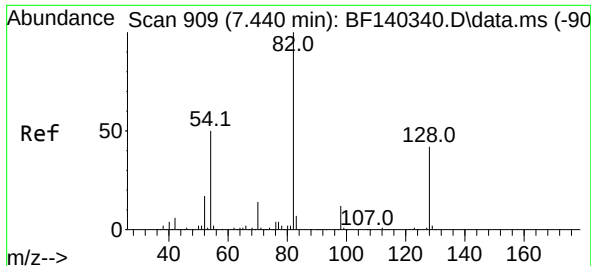
Tgt Ion: 99 Resp: 872571  
Ion Ratio Lower Upper  
99 100  
42 18.0 15.1 22.7  
71 34.5 27.9 41.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF140477.D  
Acq: 19 Nov 2024 16:51

Tgt Ion: 136 Resp: 529334  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.7 13.1  
54 7.8 6.5 9.7  
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 59.636 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140477.D

Acq: 19 Nov 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

TP-1

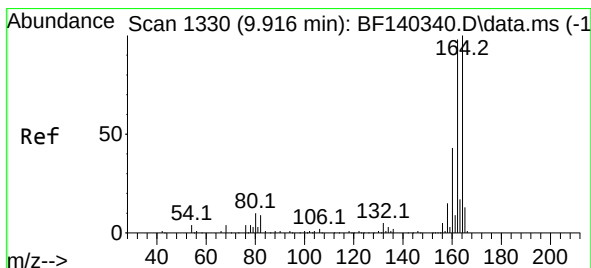
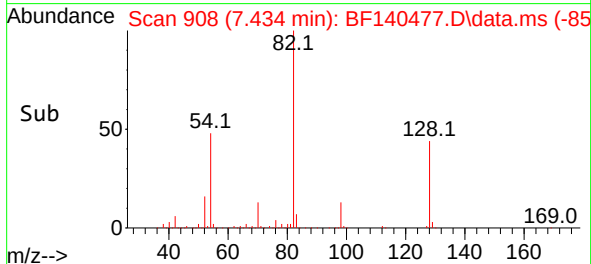
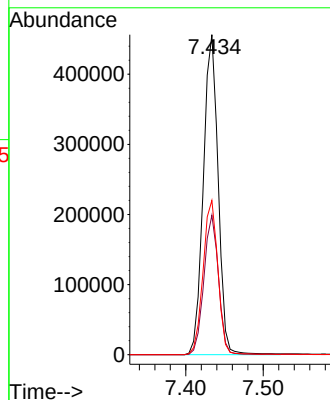
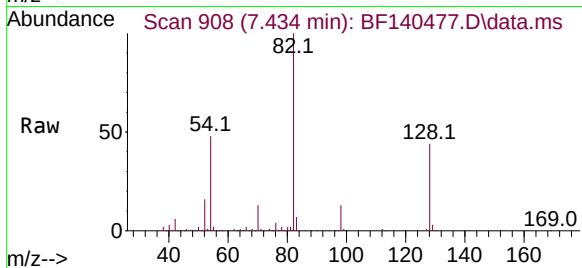
Tgt Ion: 82 Resp: 605867

Ion Ratio Lower Upper

82 100

128 43.5 33.3 49.9

54 48.2 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF140477.D

Acq: 19 Nov 2024 16:51

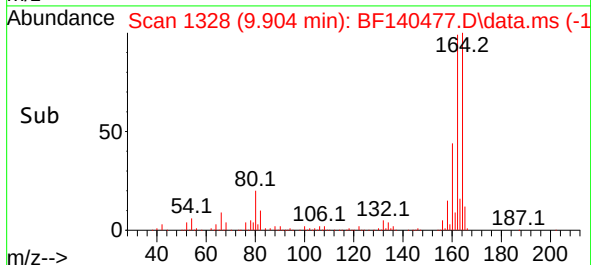
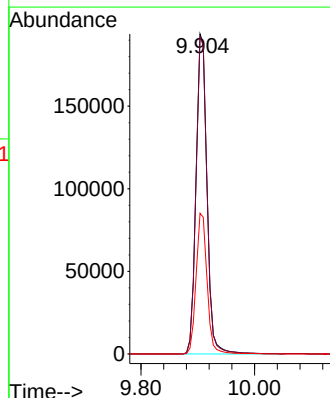
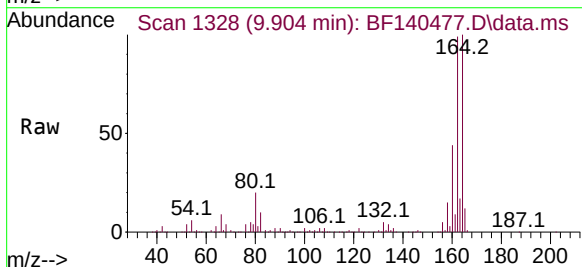
Tgt Ion: 164 Resp: 260928

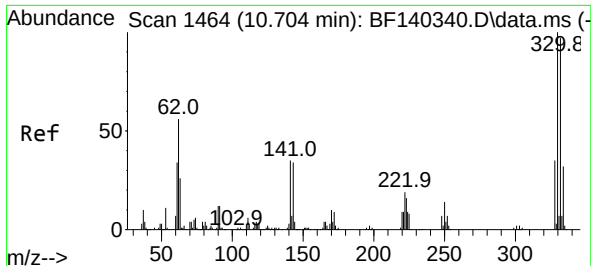
Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 53.870 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140477.D

Acq: 19 Nov 2024 16:51

Instrument :

BNA\_F

ClientSampleId :

TP-1

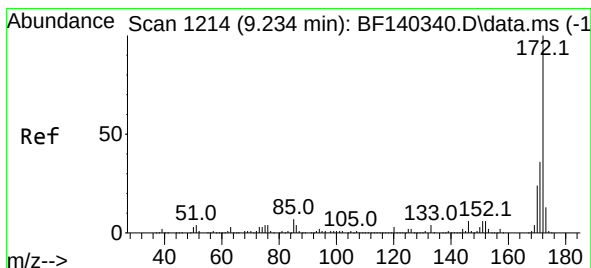
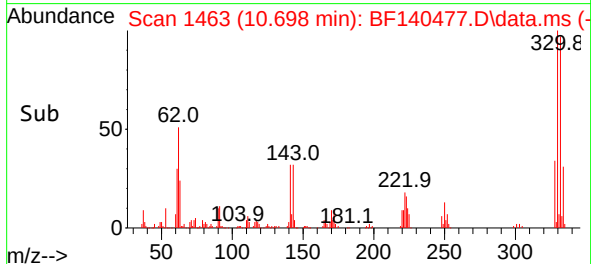
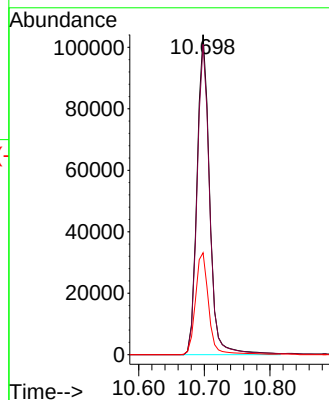
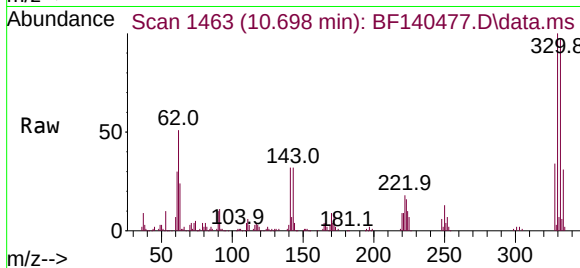
Tgt Ion:330 Resp: 139779

Ion Ratio Lower Upper

330 100

332 97.5 75.9 113.9

141 33.3 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 62.994 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140477.D

Acq: 19 Nov 2024 16:51

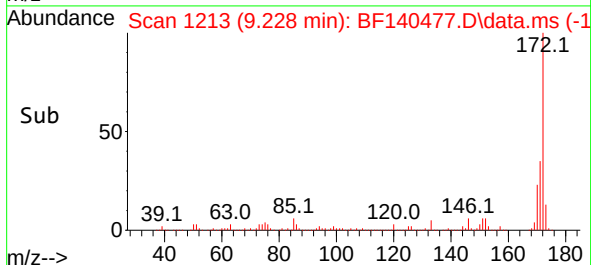
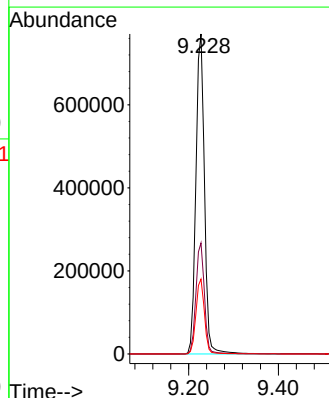
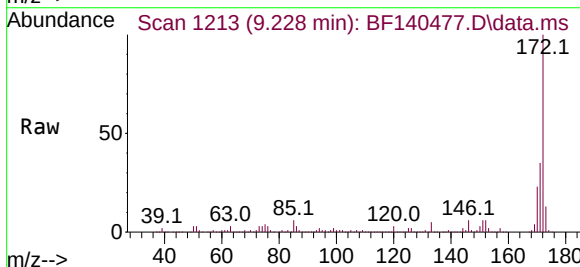
Tgt Ion:172 Resp: 1022480

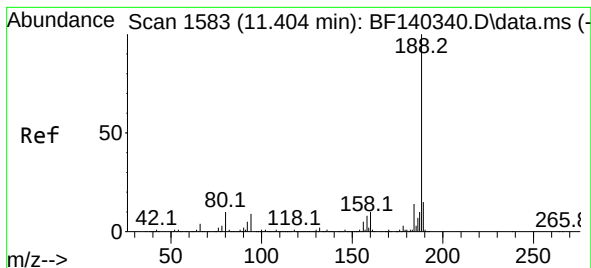
Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 23.4 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: BF140477.D

Acq: 19 Nov 2024 16:51

Instrument :

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ClientSampleId :

TP-1

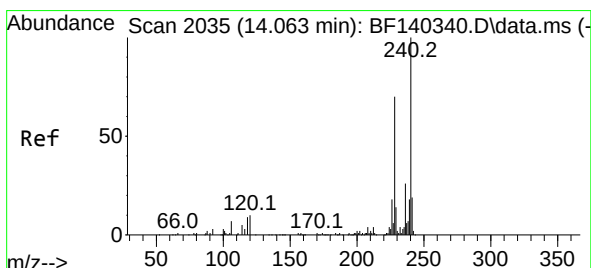
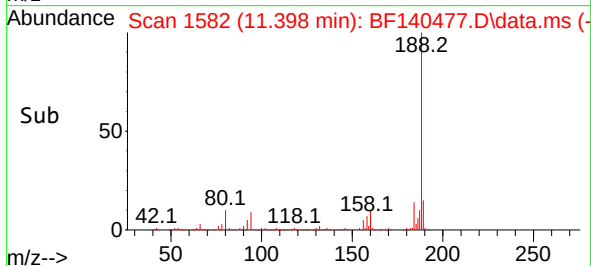
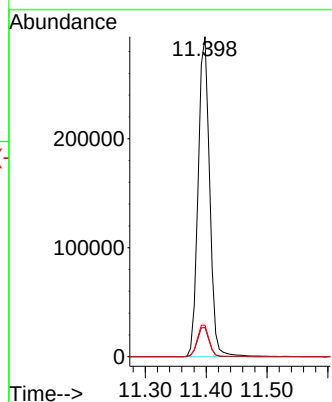
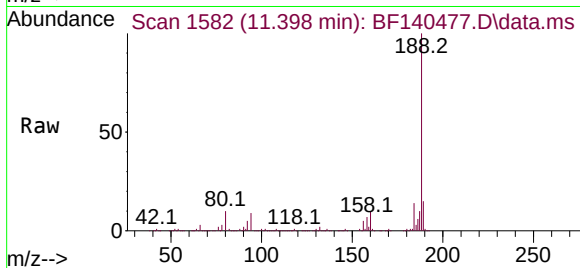
Tgt Ion:188 Resp: 384950

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.8 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF140477.D

Acq: 19 Nov 2024 16:51

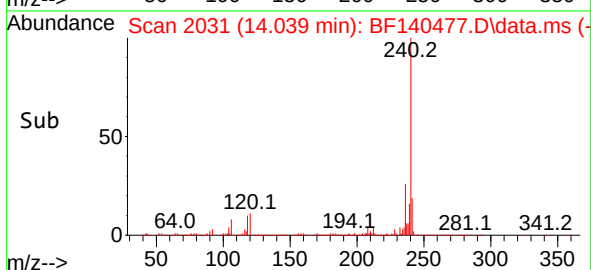
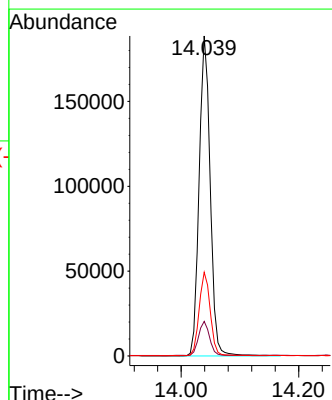
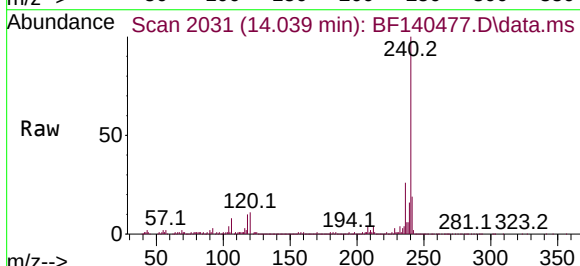
Tgt Ion:240 Resp: 246325

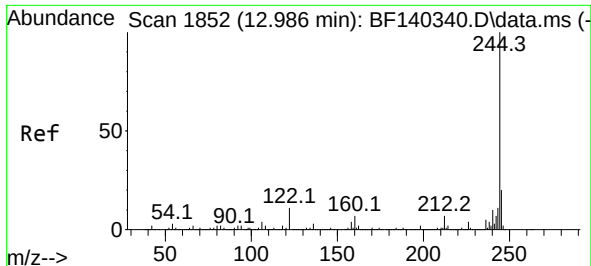
Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

236 26.2 20.9 31.3

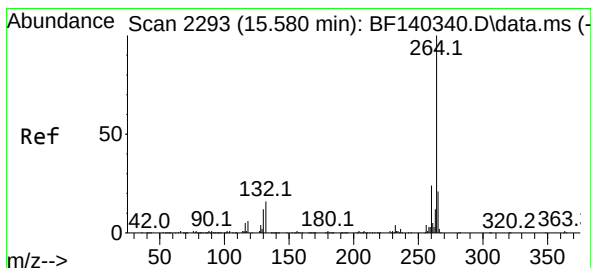
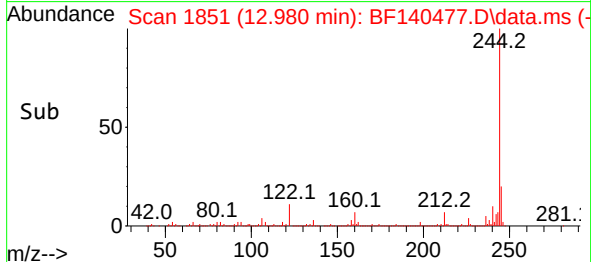
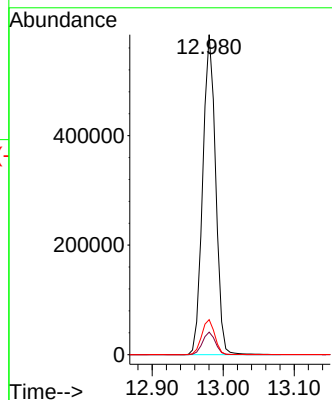
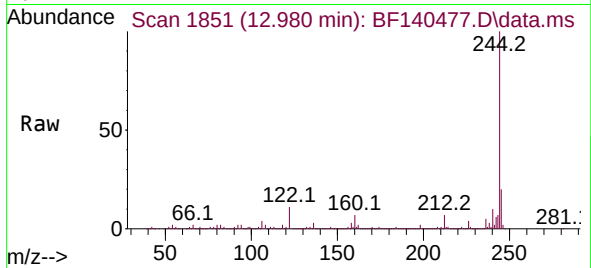




#79  
 Terphenyl-d14  
 Concen: 52.228 ng  
 RT: 12.980 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF140477.D  
 Acq: 19 Nov 2024 16:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-1

Tgt Ion:244 Resp: 741167  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.8 8.8  
 122 10.9 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: BF140477.D  
 Acq: 19 Nov 2024 16:51

Tgt Ion:264 Resp: 198529  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.2 28.8  
 265 21.3 17.1 25.7

