

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082724\  
 Data File : BF139182.D  
 Acq On : 27 Aug 2024 12:46  
 Operator : RC/JU  
 Sample : P3717-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Quant Time: Aug 27 13:42:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 27 02:51:47 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.892  | 152  | 74805    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 274148   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 150955   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 248569   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 150281   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.521 | 264  | 165328   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 380797   | 85.539 | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 510978   | 83.635 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 314202   | 63.494 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 117538   | 90.913 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 563239   | 57.958 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 530590   | 55.090 | ng    | 0.00     |

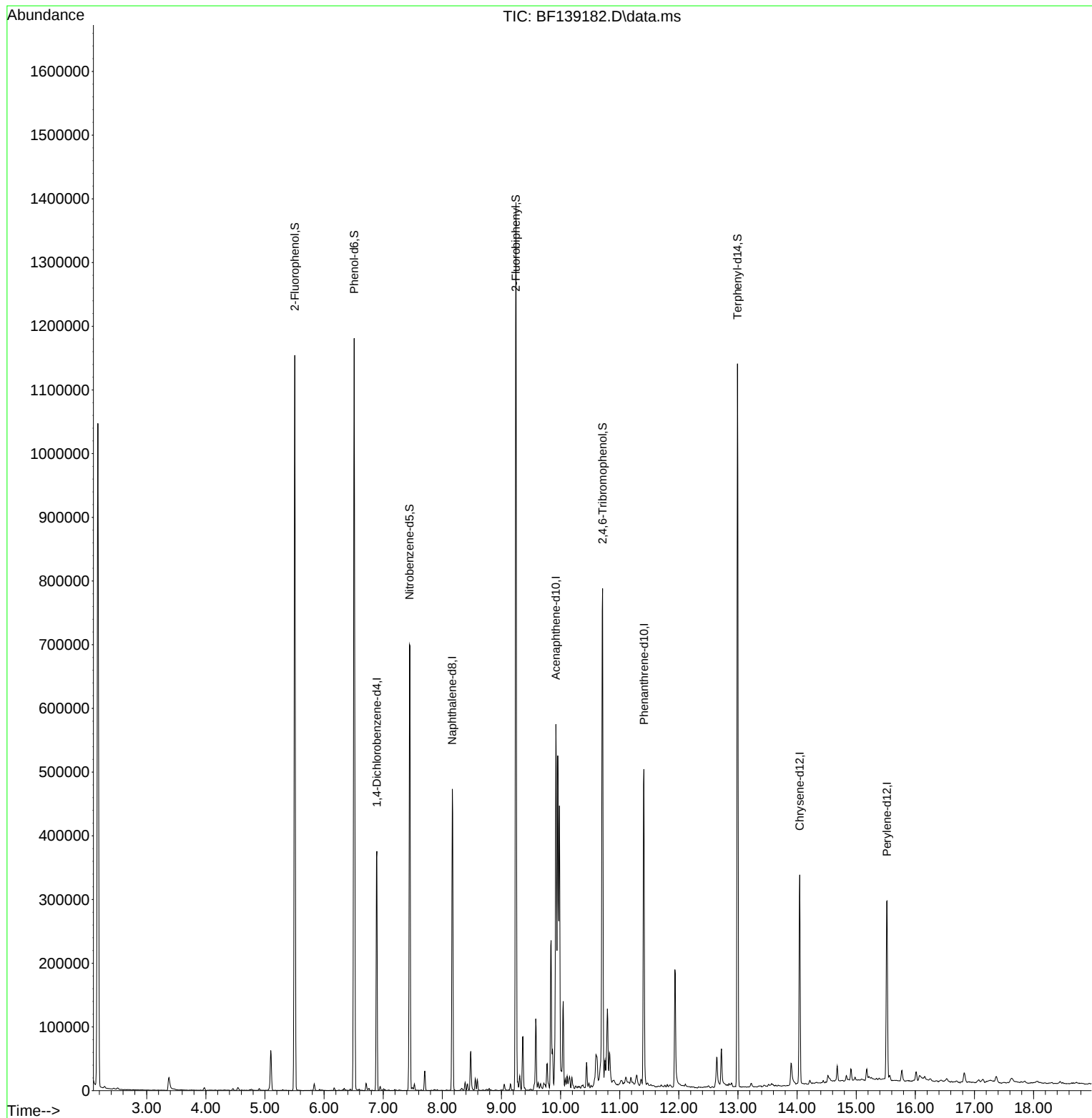
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

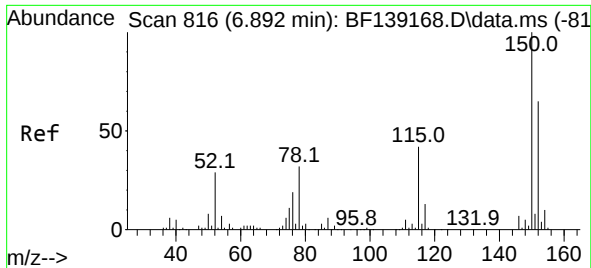
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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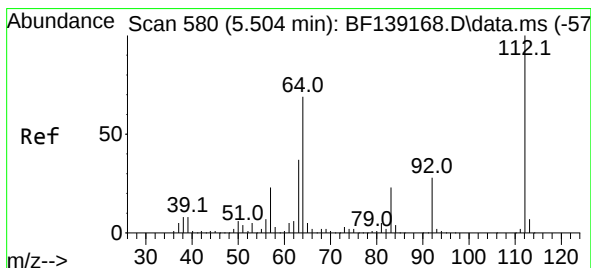
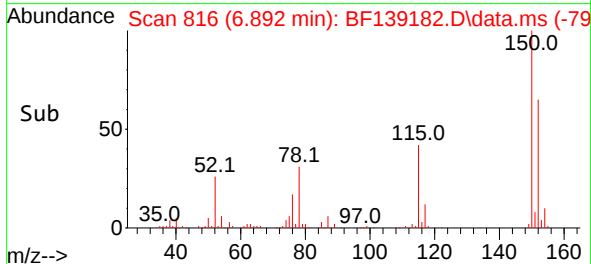
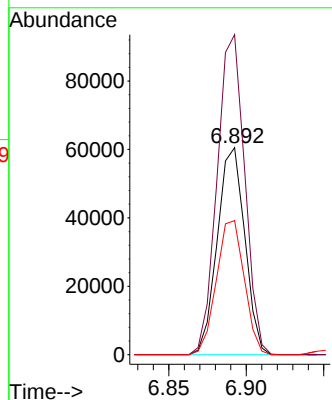
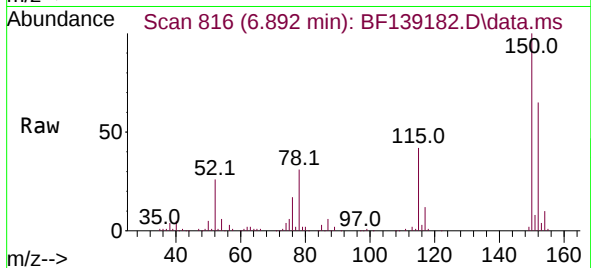




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.892 min Scan# 816  
 Delta R.T. 0.000 min  
 Lab File: BF139182.D  
 Acq: 27 Aug 2024 12:46

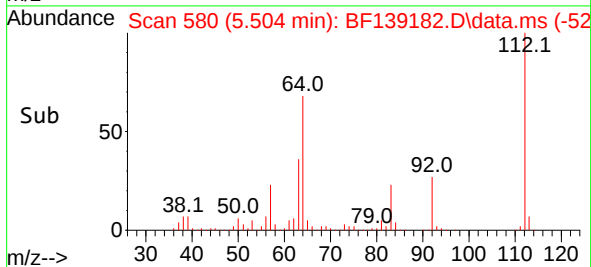
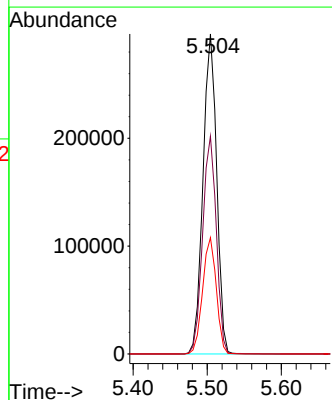
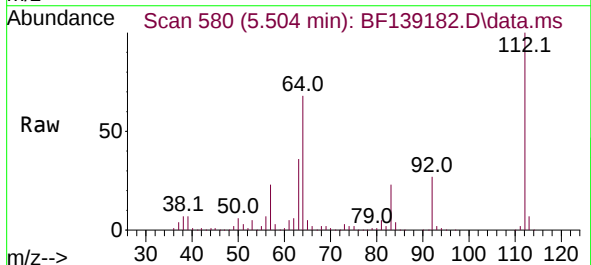
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

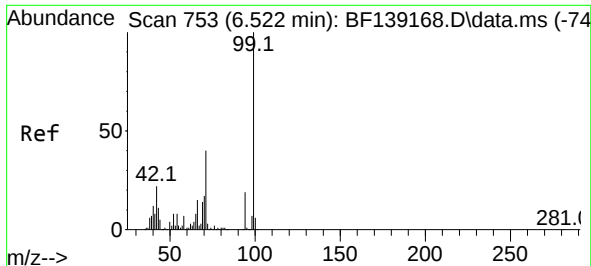
Tgt Ion:152 Resp: 74805  
 Ion Ratio Lower Upper  
 152 100  
 150 154.5 123.7 185.5  
 115 64.8 51.8 77.8



#5  
 2-Fluorophenol  
 Concen: 85.539 ng  
 RT: 5.504 min Scan# 580  
 Delta R.T. 0.000 min  
 Lab File: BF139182.D  
 Acq: 27 Aug 2024 12:46

Tgt Ion:112 Resp: 380797  
 Ion Ratio Lower Upper  
 112 100  
 64 68.1 55.5 83.3  
 63 36.4 29.8 44.6

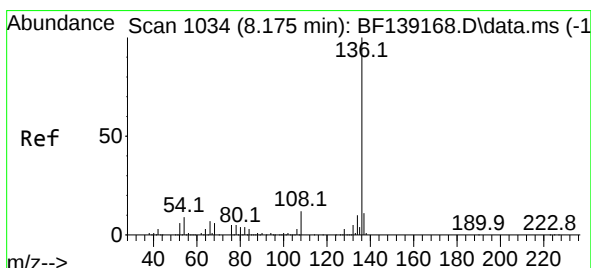
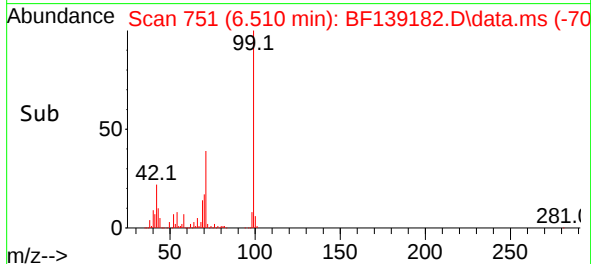
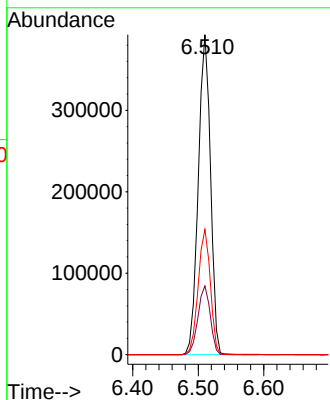
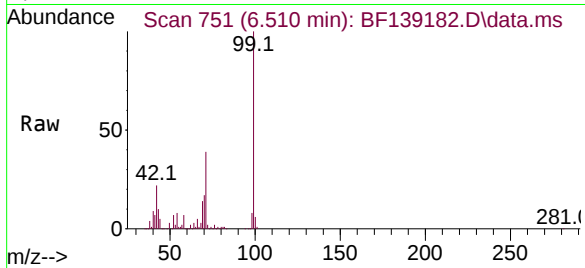




#7  
Phenol-d6  
Concen: 83.635 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF139182.D  
Acq: 27 Aug 2024 12:46

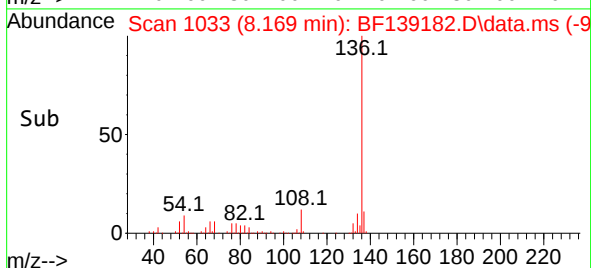
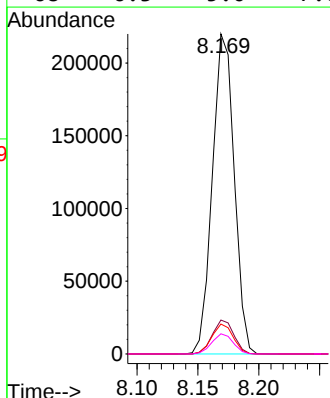
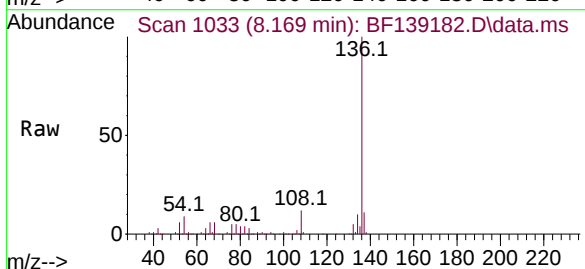
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

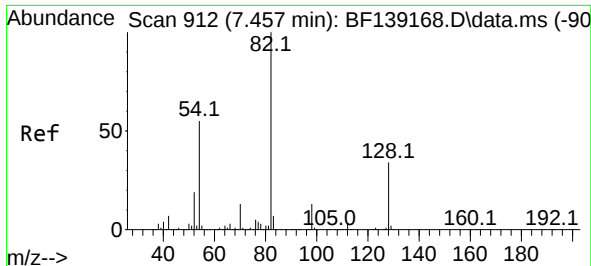
Tgt Ion: 99 Resp: 510978  
Ion Ratio Lower Upper  
99 100  
42 21.5 17.9 26.9  
71 39.1 31.7 47.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF139182.D  
Acq: 27 Aug 2024 12:46

Tgt Ion: 136 Resp: 274148  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 12.8  
54 9.3 7.6 11.4  
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 63.494 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

TP-2

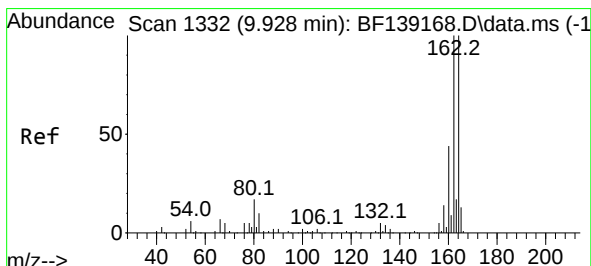
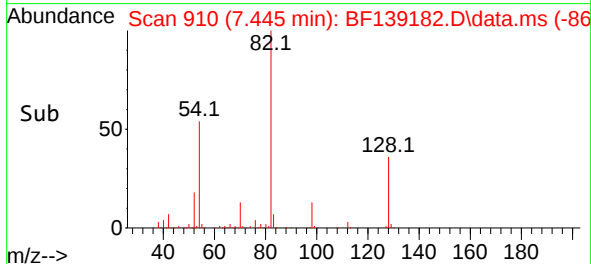
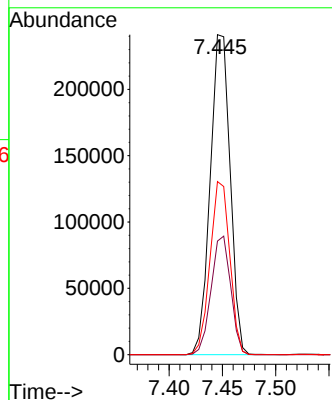
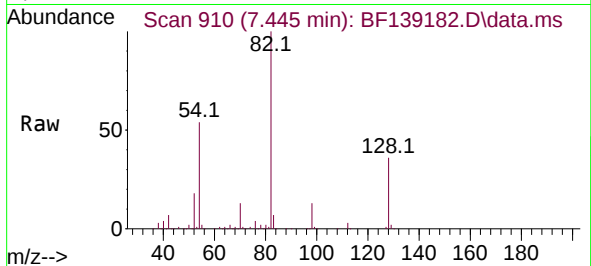
Tgt Ion: 82 Resp: 314202

Ion Ratio Lower Upper

82 100

128 35.5 27.1 40.7

54 54.1 44.2 66.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

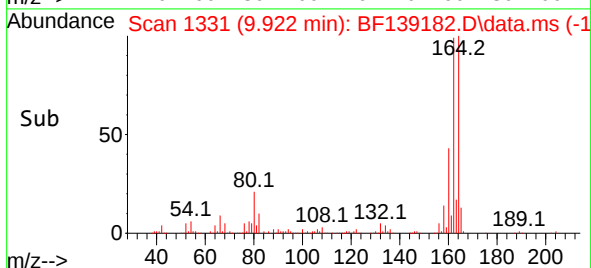
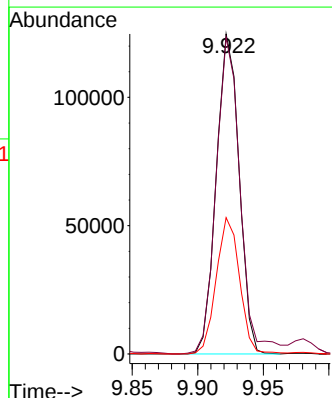
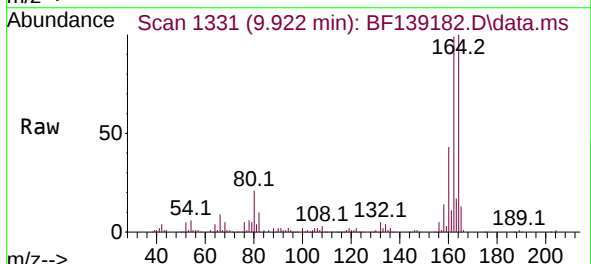
Tgt Ion:164 Resp: 150955

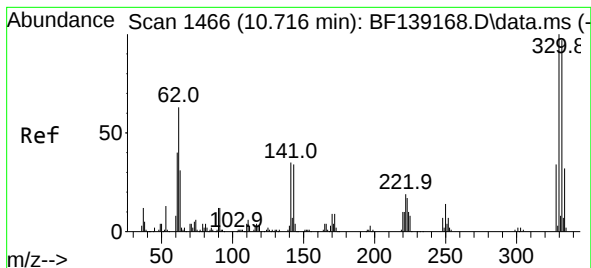
Ion Ratio Lower Upper

164 100

162 98.9 80.0 120.0

160 42.6 35.0 52.6

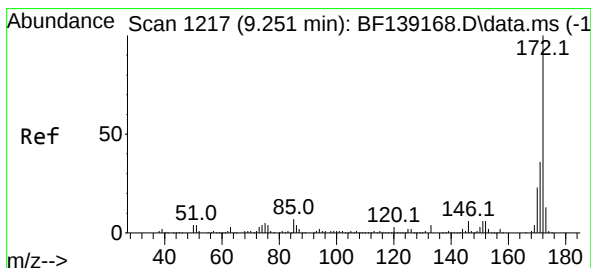
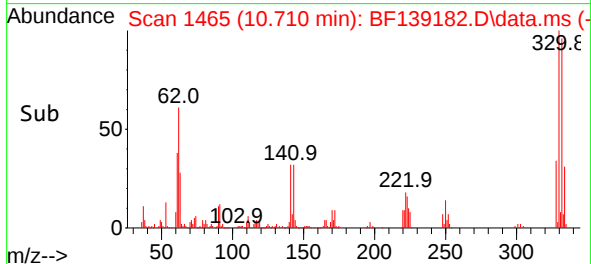
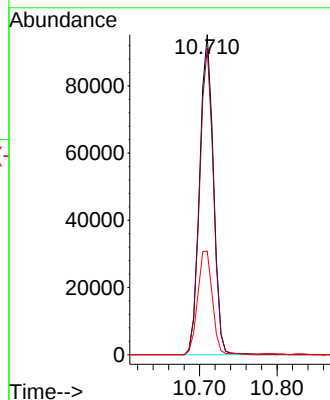
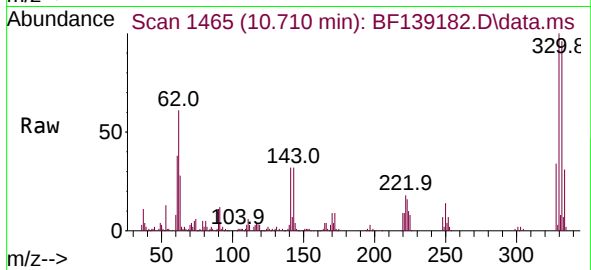




#42  
2,4,6-Tribromophenol  
Concen: 90.913 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF139182.D  
Acq: 27 Aug 2024 12:46

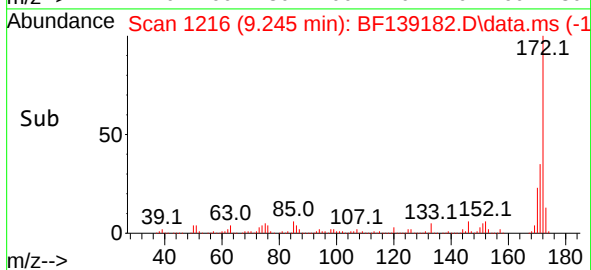
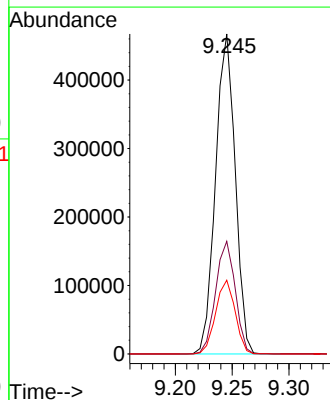
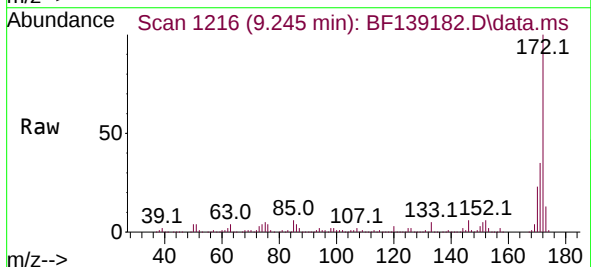
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

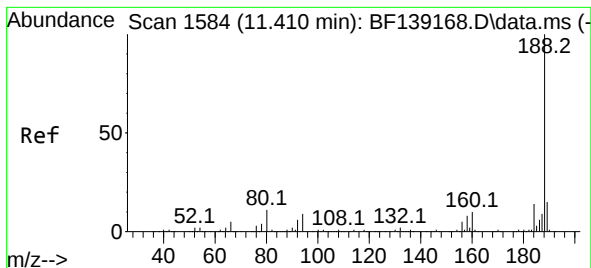
Tgt Ion:330 Resp: 117538  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.3 115.9  
141 34.5 28.8 43.2



#45  
2-Fluorobiphenyl  
Concen: 57.958 ng  
RT: 9.245 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF139182.D  
Acq: 27 Aug 2024 12:46

Tgt Ion:172 Resp: 563239  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.6 42.8  
170 23.0 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

Instrument :

BNA\_F

ClientSampleId :

TP-2

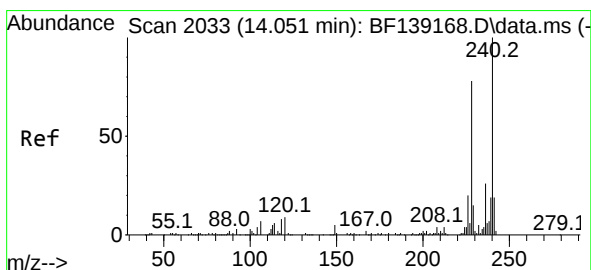
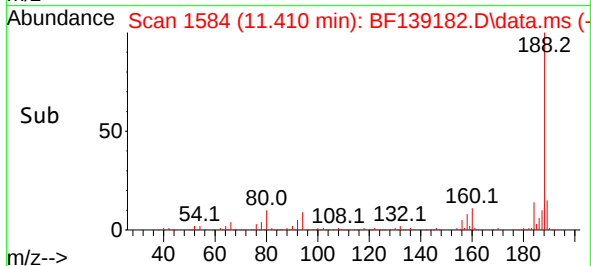
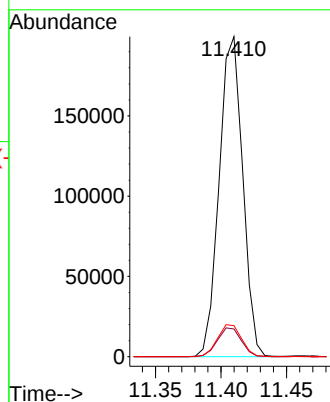
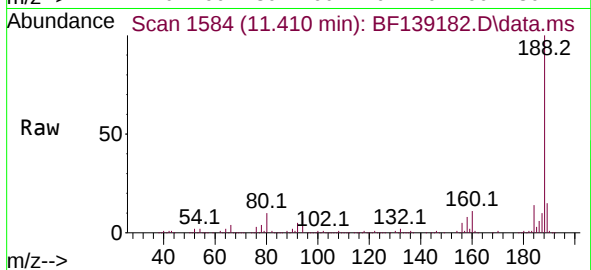
Tgt Ion:188 Resp: 248569

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.7 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139182.D

Acq: 27 Aug 2024 12:46

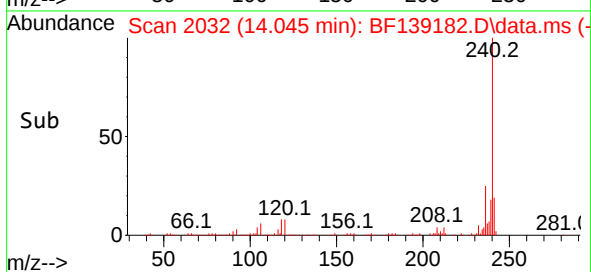
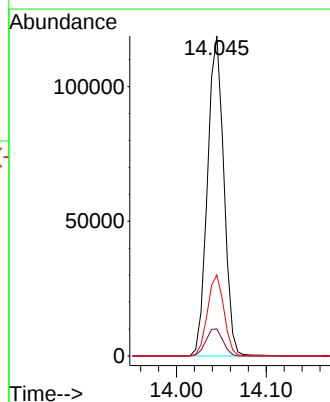
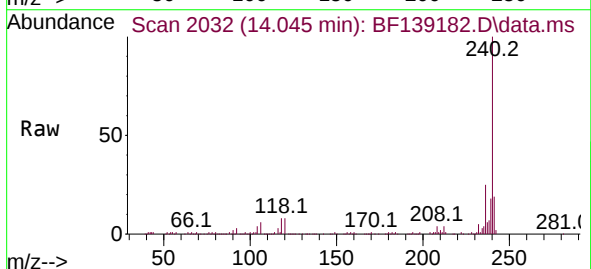
Tgt Ion:240 Resp: 150281

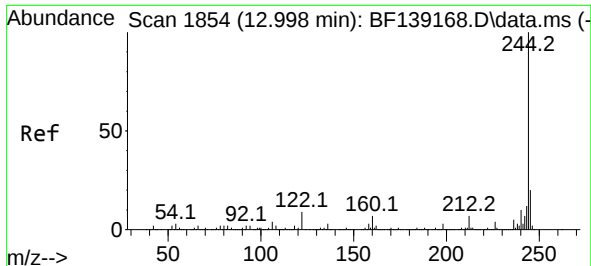
Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

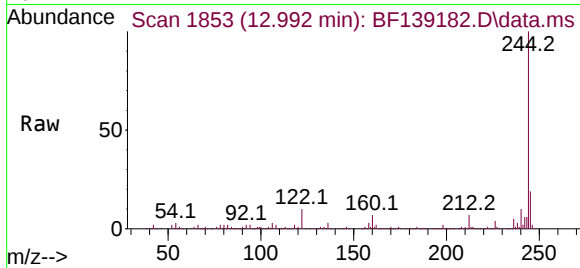
236 25.4 20.9 31.3



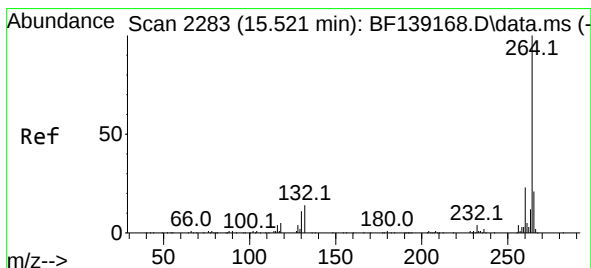
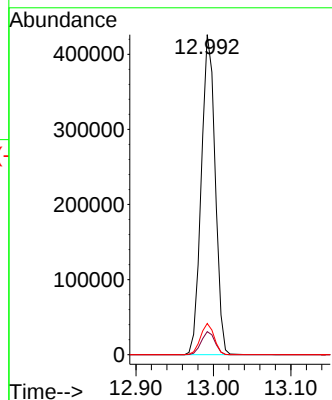
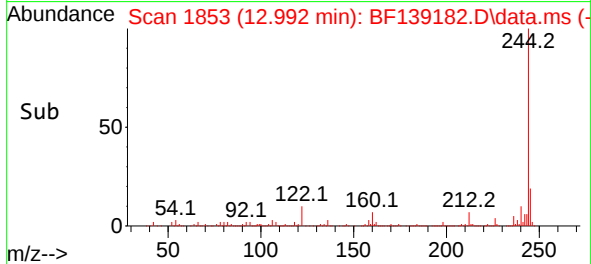


#79  
 Terphenyl-d14  
 Concen: 55.090 ng  
 RT: 12.992 min Scan# 1853  
 Delta R.T. -0.006 min  
 Lab File: BF139182.D  
 Acq: 27 Aug 2024 12:46

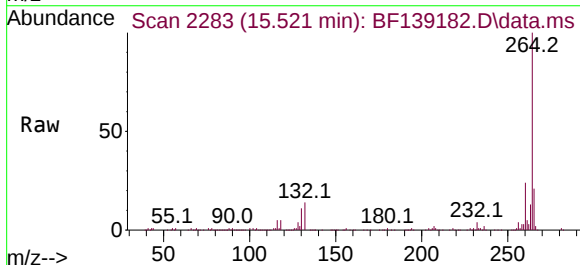
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2



Tgt Ion:244 Resp: 530590  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 9.8 7.6 11.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.521 min Scan# 2283  
 Delta R.T. 0.000 min  
 Lab File: BF139182.D  
 Acq: 27 Aug 2024 12:46



Tgt Ion:264 Resp: 165328  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.3 27.5  
 265 21.1 17.0 25.6

