

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112124\  
 Data File : BF140537.D  
 Acq On : 21 Nov 2024 15:34  
 Operator : RC/JU  
 Sample : PB165144BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB165144BL

Quant Time: Nov 21 16:12:38 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  | 89214    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 332852   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 187896   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 359986   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 208110   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.539 | 264  | 161923   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 726213   | 138.888 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 933803   | 135.088 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.433  | 82   | 623751   | 95.854  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 267214   | 132.971 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.227  | 172  | 1199007  | 95.077  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1315938  | 98.462  | ng    | 0.00     |

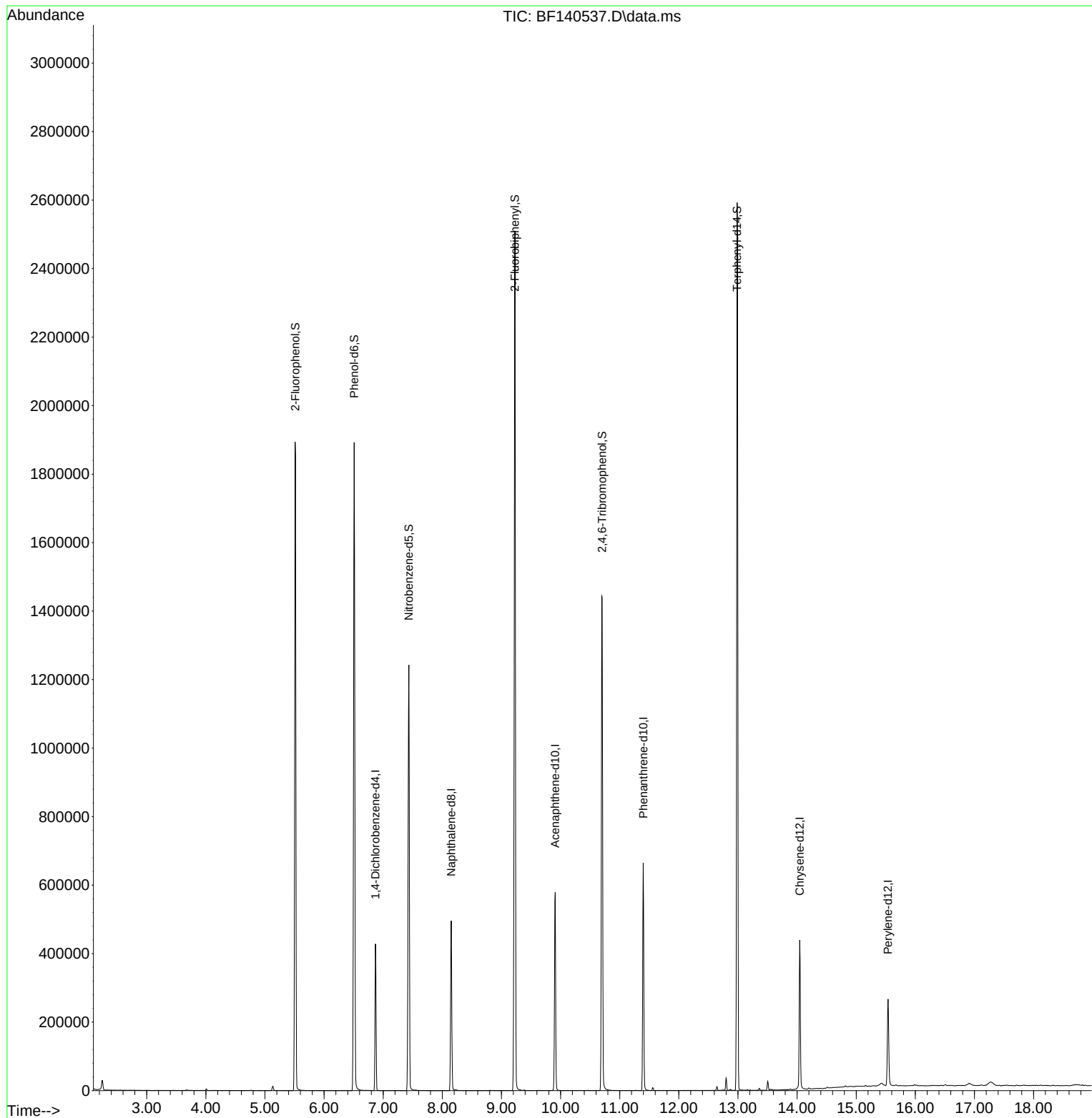
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

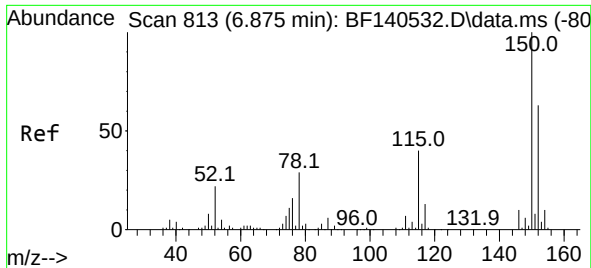
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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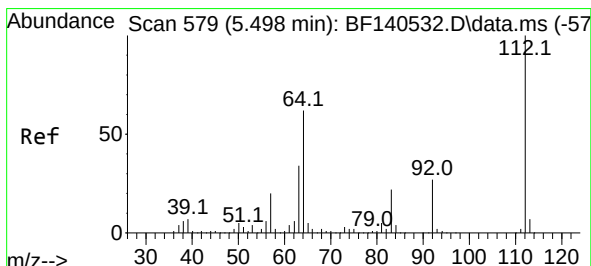
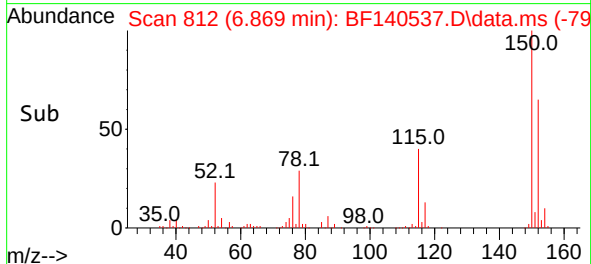
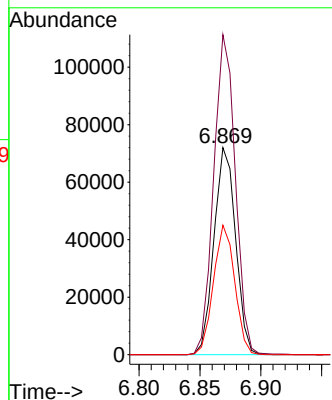
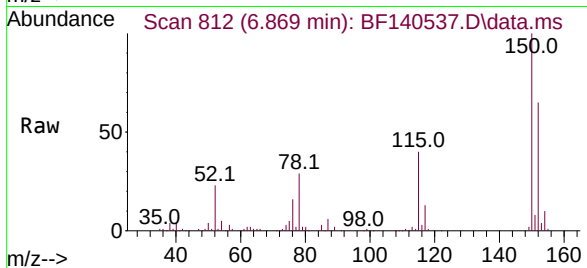




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.006 min  
Lab File: BF140537.D  
Acq: 21 Nov 2024 15:34

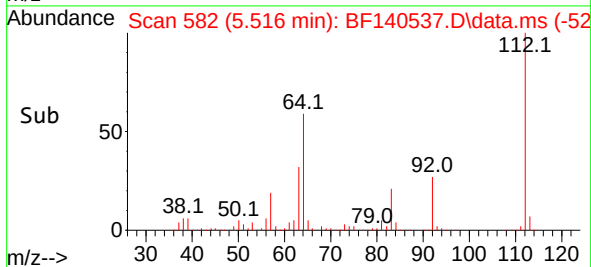
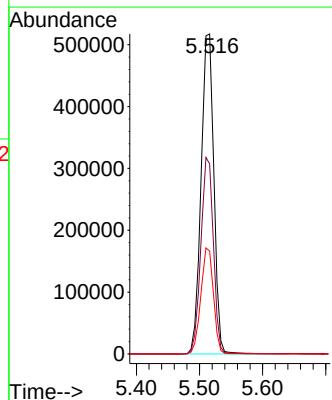
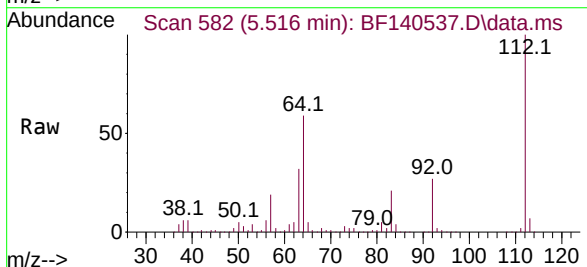
Instrument :  
BNA\_F  
ClientSampleId :  
PB165144BL

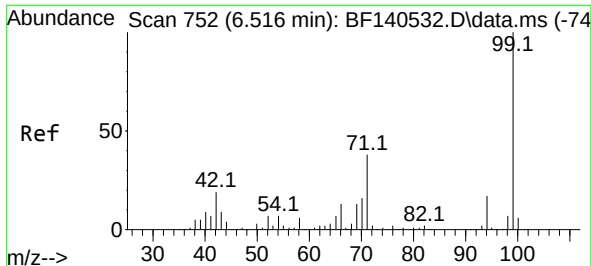
Tgt Ion:152 Resp: 89214  
Ion Ratio Lower Upper  
152 100  
150 154.5 128.5 192.7  
115 62.5 50.2 75.4



#5  
2-Fluorophenol  
Concen: 138.888 ng  
RT: 5.516 min Scan# 582  
Delta R.T. 0.018 min  
Lab File: BF140537.D  
Acq: 21 Nov 2024 15:34

Tgt Ion:112 Resp: 726213  
Ion Ratio Lower Upper  
112 100  
64 59.4 49.2 73.8  
63 32.1 27.0 40.4

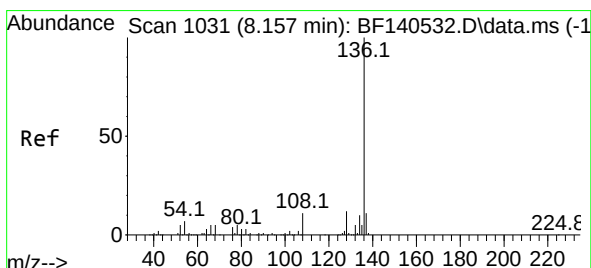
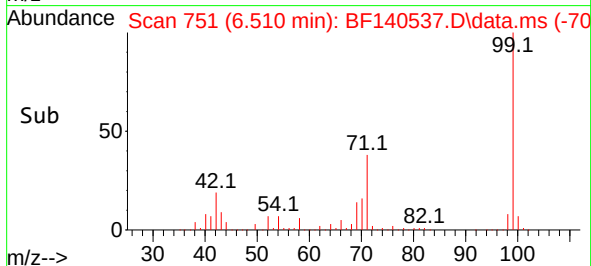
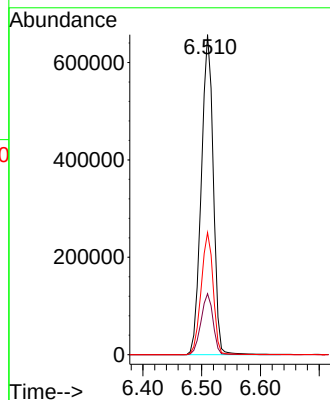
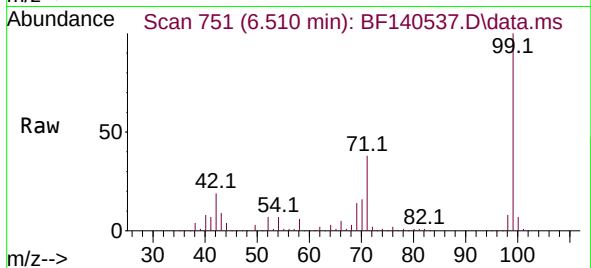




#7  
Phenol-d6  
Concen: 135.088 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF140537.D  
Acq: 21 Nov 2024 15:34

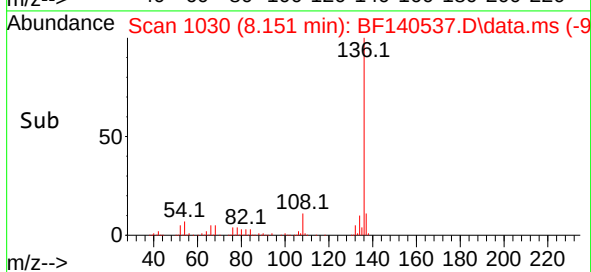
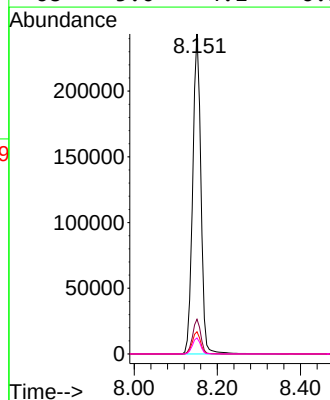
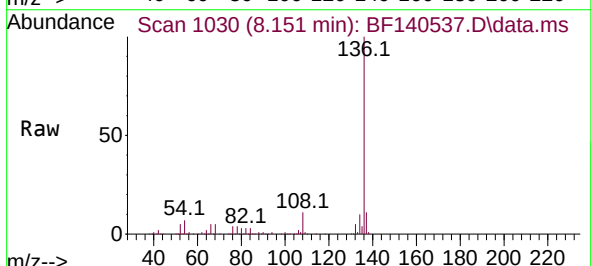
Instrument :  
BNA\_F  
ClientSampleId :  
PB165144BL

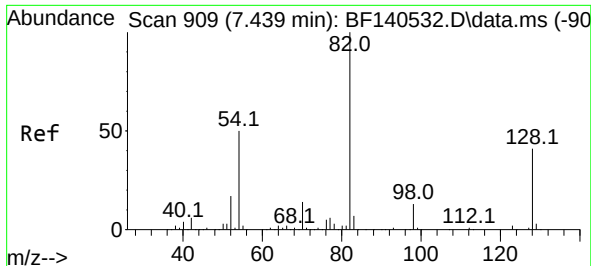
Tgt Ion: 99 Resp: 933803  
Ion Ratio Lower Upper  
99 100  
42 19.0 15.4 23.0  
71 38.2 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF140537.D  
Acq: 21 Nov 2024 15:34

Tgt Ion: 136 Resp: 332852  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 6.9 5.8 8.8  
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 95.854 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140537.D

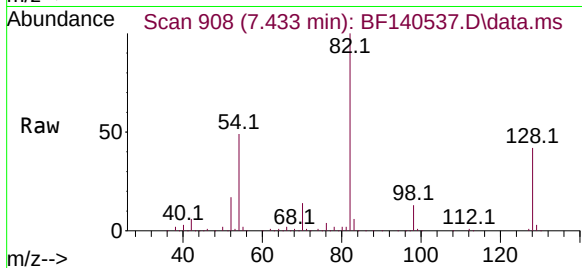
Acq: 21 Nov 2024 15:34

Instrument :

BNA\_F

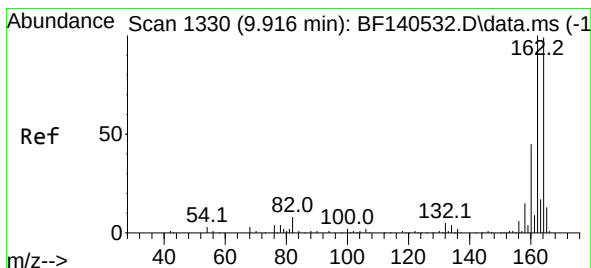
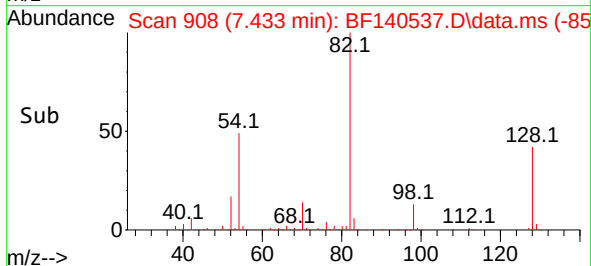
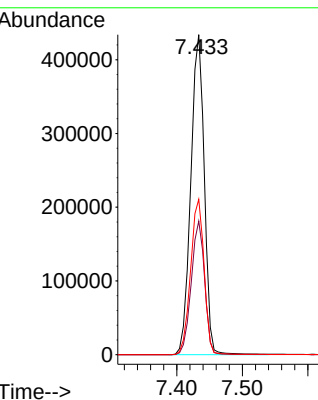
ClientSampleId :

PB165144BL



Tgt Ion: 82 Resp: 623751

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.8  | 33.0  | 49.4  |
| 54  | 48.5  | 39.5  | 59.3  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

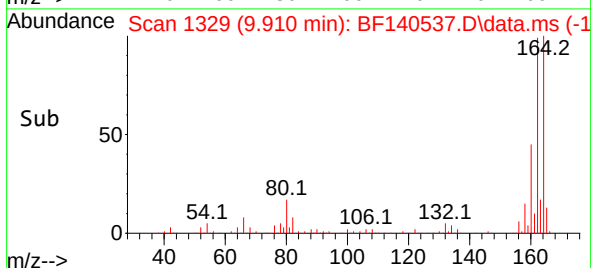
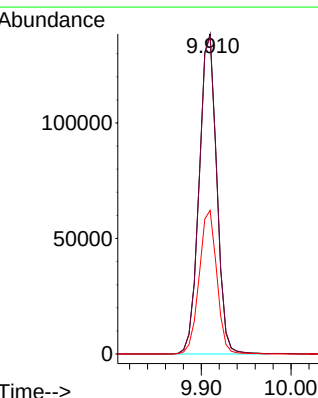
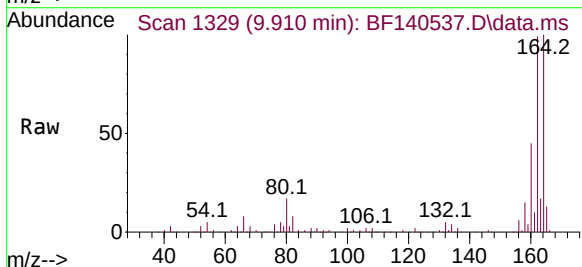
Delta R.T. -0.006 min

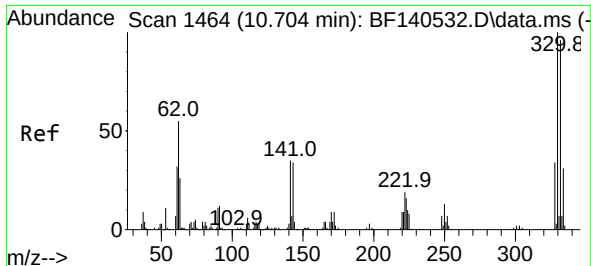
Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

Tgt Ion:164 Resp: 187896

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.3  | 80.6  | 120.8 |
| 160 | 44.8  | 36.2  | 54.4  |





#42

2,4,6-Tribromophenol

Concen: 132.971 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140537.D

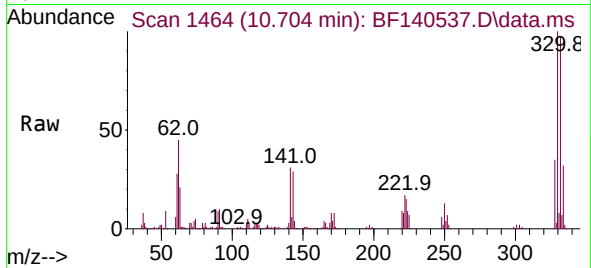
Acq: 21 Nov 2024 15:34

Instrument :

BNA\_F

ClientSampleId :

PB165144BL



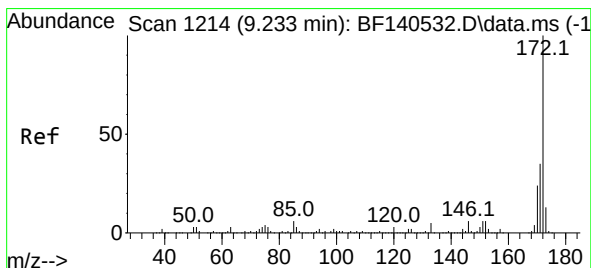
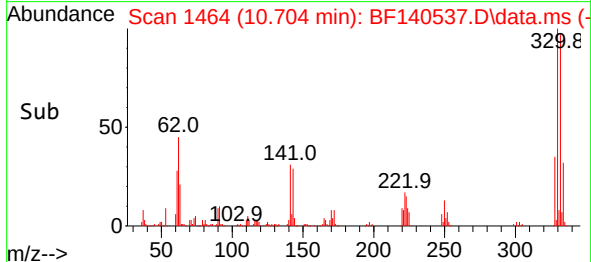
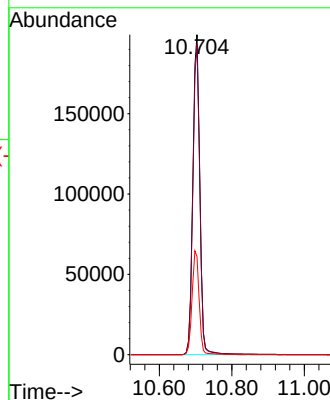
Tgt Ion:330 Resp: 267214

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 32.9 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 95.077 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

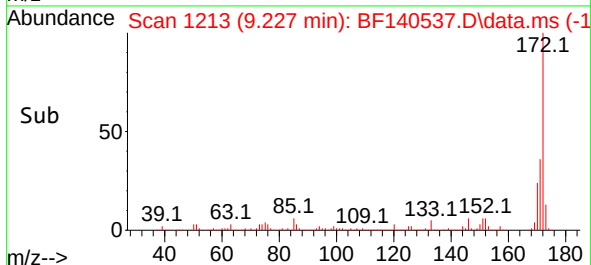
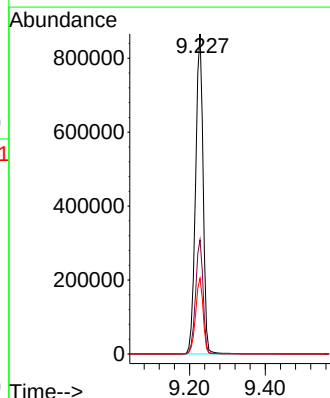
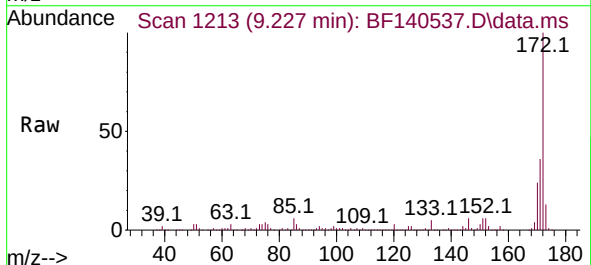
Tgt Ion:172 Resp: 1199007

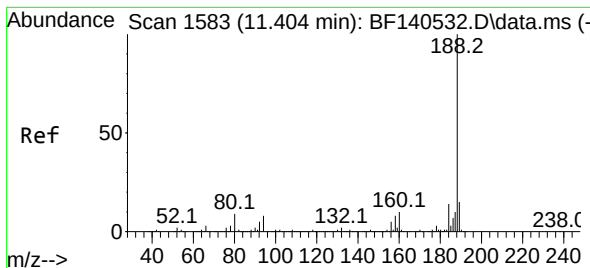
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

Instrument :

BNA\_F

ClientSampleId :

PB165144BL

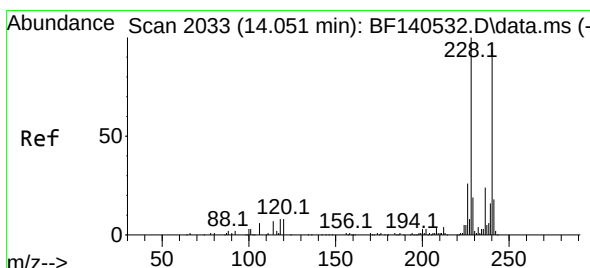
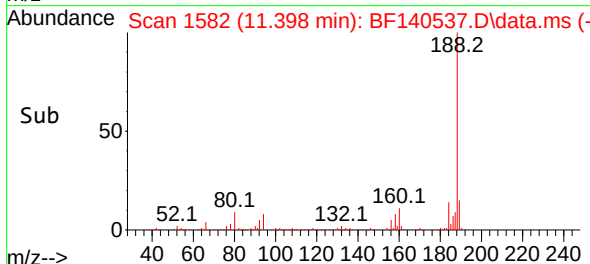
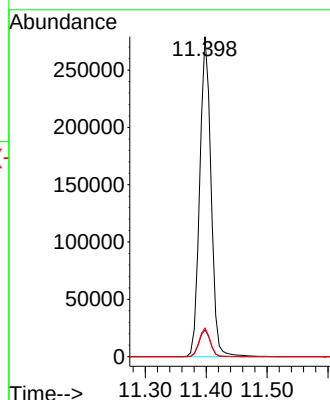
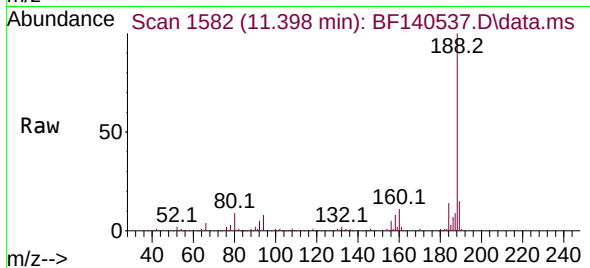
Tgt Ion:188 Resp: 359986

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 8.9 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: BF140537.D

Acq: 21 Nov 2024 15:34

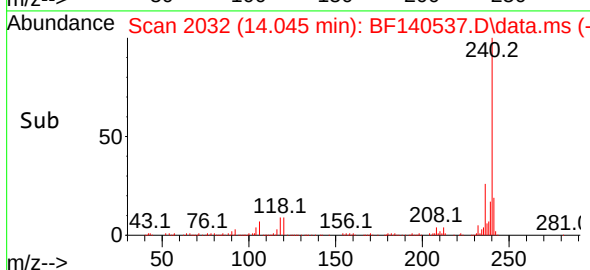
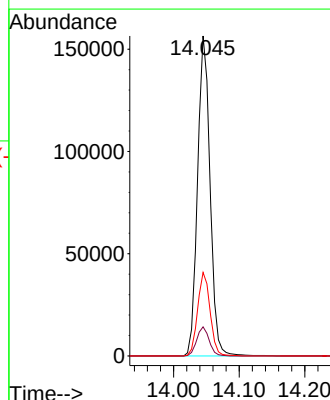
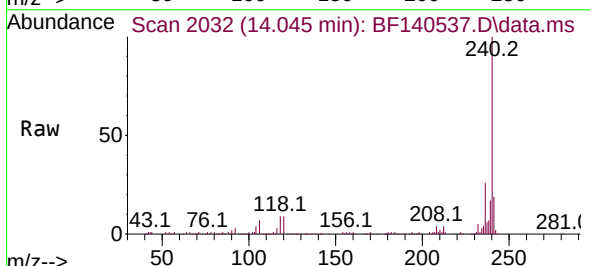
Tgt Ion:240 Resp: 208110

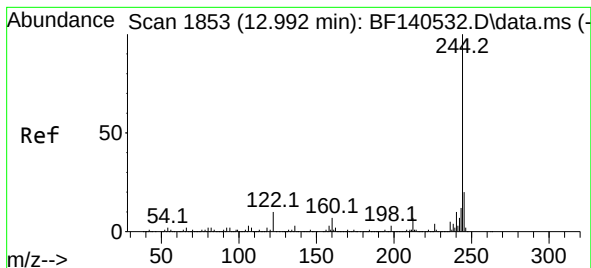
Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 26.1 20.6 31.0





#79

Terphenyl-d14

Concen: 98.462 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

Instrument :

BNA\_F

ClientSampleId :

PB165144BL

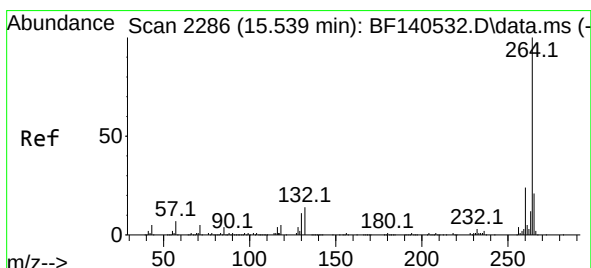
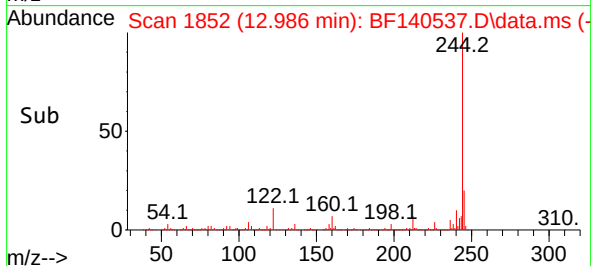
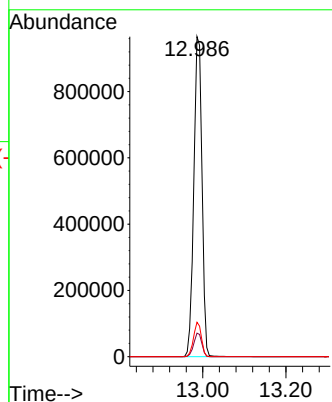
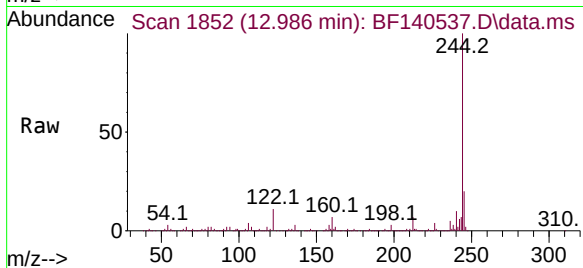
Tgt Ion:244 Resp: 1315938

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.8 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF140537.D

Acq: 21 Nov 2024 15:34

Tgt Ion:264 Resp: 161923

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.3 16.6 25.0

