

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100324\  
 Data File : BF139639.D  
 Acq On : 03 Oct 2024 18:54  
 Operator : RC/JU  
 Sample : P4232-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-R

Quant Time: Oct 04 01:16:25 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 81061    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.145  | 136  | 304907   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.898  | 164  | 166142   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.386 | 188  | 305133   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.021 | 240  | 183794   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.492 | 264  | 182163   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 479395   | 102.504 | ng    | 0.00     |
| 7) Phenol-d6                | 6.492  | 99   | 633215   | 100.681 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 408985   | 67.913  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.686 | 330  | 151924   | 94.726  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 751100   | 69.403  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.969 | 244  | 755744   | 67.469  | ng    | -0.01    |

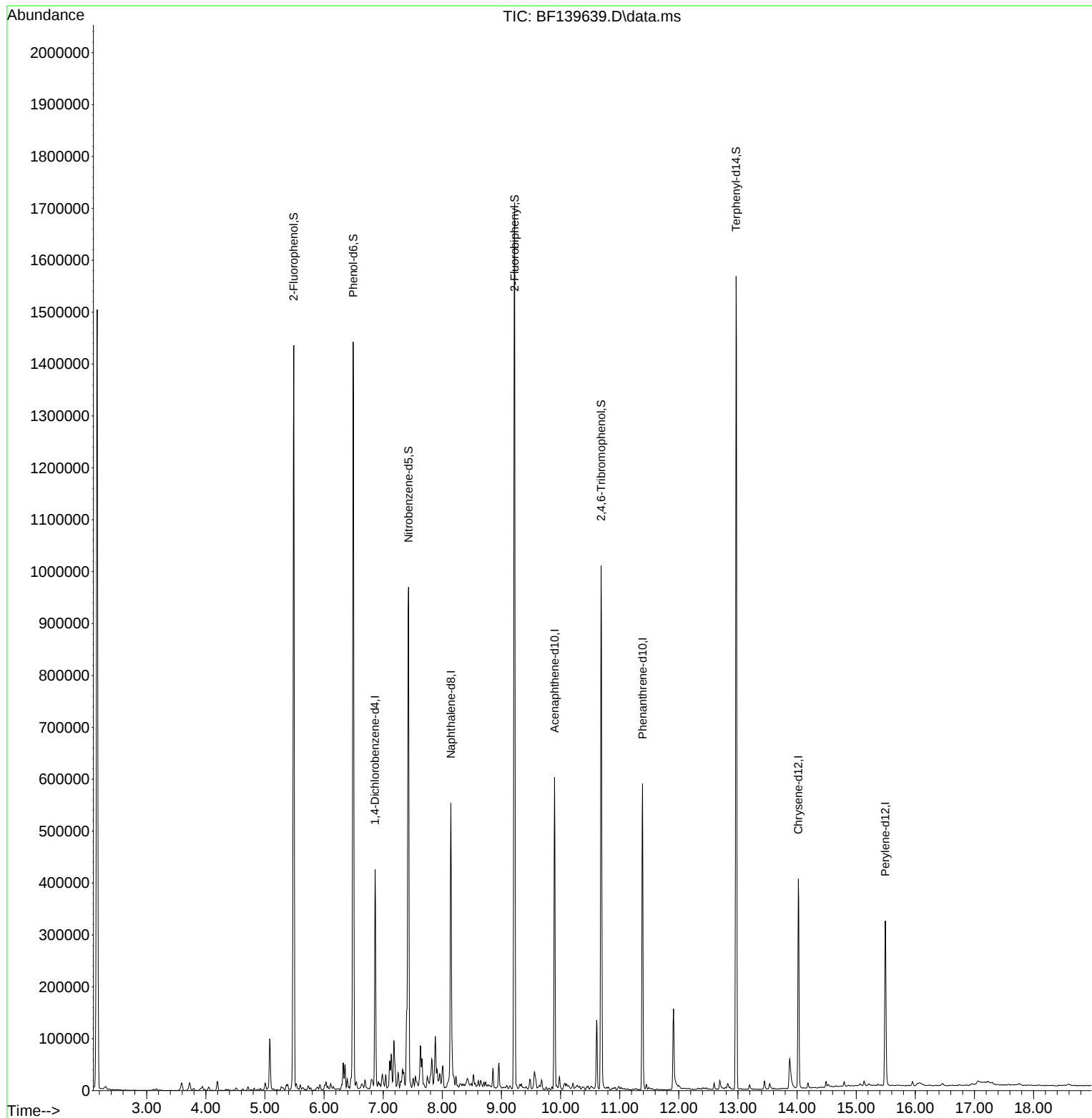
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 02 04:58:47 2024  
Response via : Initial Calibration

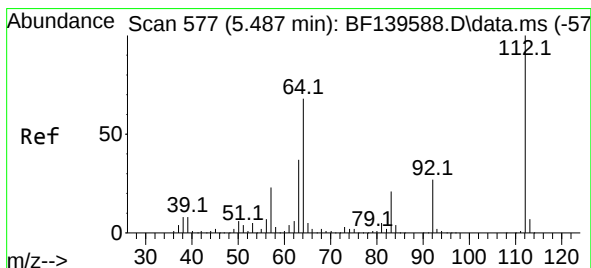
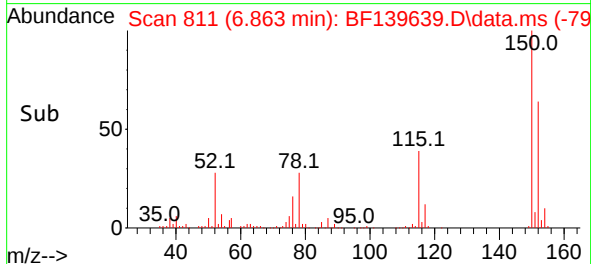
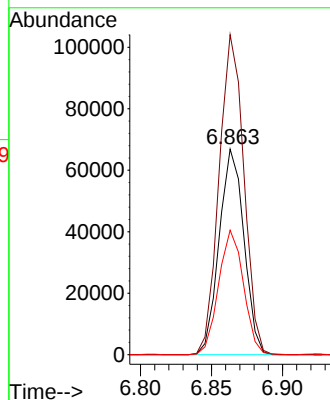
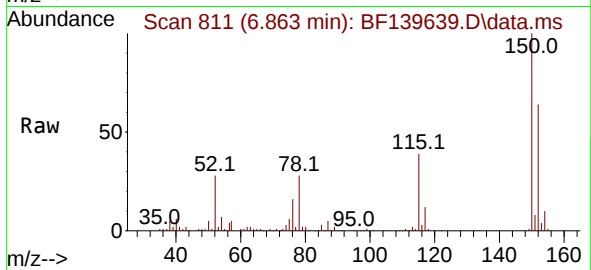




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: BF139639.D  
Acq: 03 Oct 2024 18:54

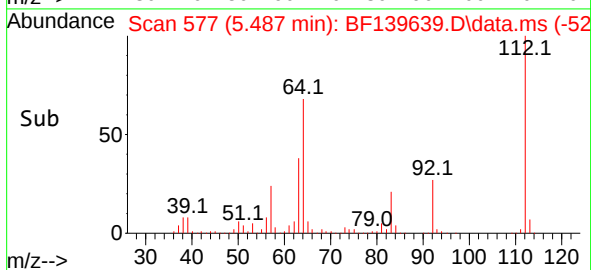
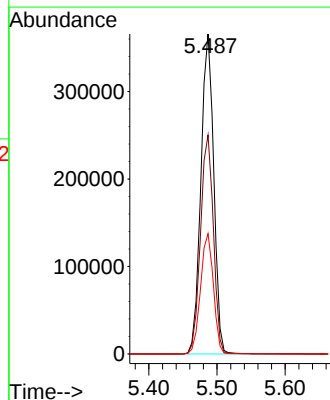
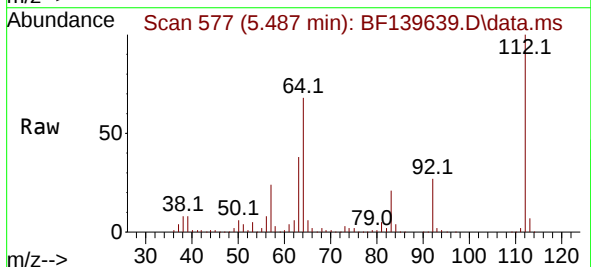
Instrument :  
BNA\_F  
ClientSampleId :  
TP-R

Tgt Ion:152 Resp: 81061  
Ion Ratio Lower Upper  
152 100  
150 155.7 127.2 190.8  
115 60.5 49.0 73.4



#5  
2-Fluorophenol  
Concen: 102.504 ng  
RT: 5.487 min Scan# 577  
Delta R.T. -0.000 min  
Lab File: BF139639.D  
Acq: 03 Oct 2024 18:54

Tgt Ion:112 Resp: 479395  
Ion Ratio Lower Upper  
112 100  
64 68.4 54.2 81.4  
63 37.6 29.4 44.2

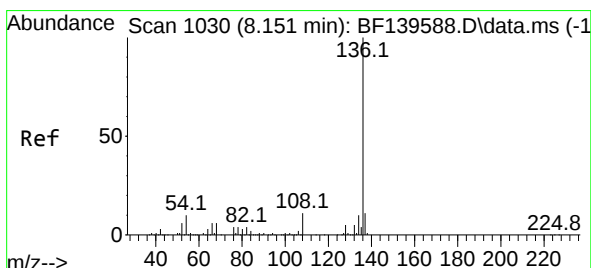
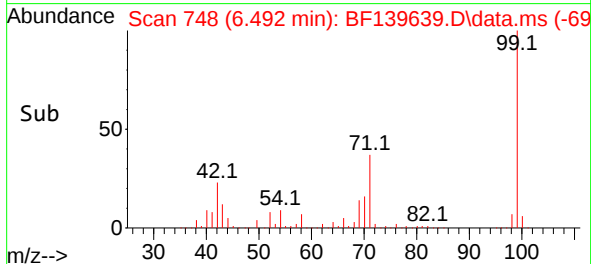
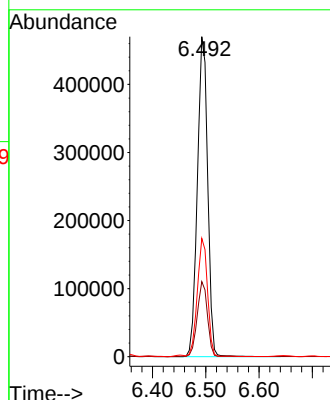
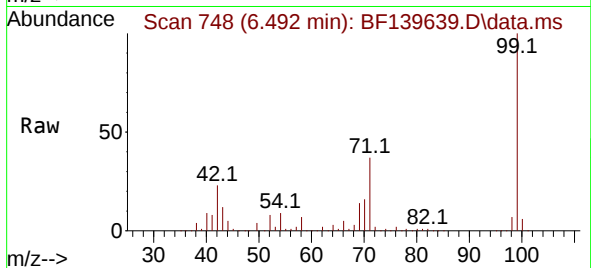




#7  
Phenol-d6  
Concen: 100.681 ng  
RT: 6.492 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF139639.D  
Acq: 03 Oct 2024 18:54

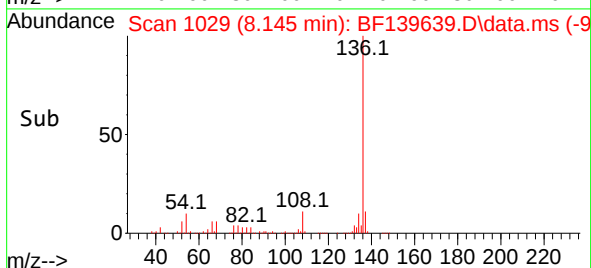
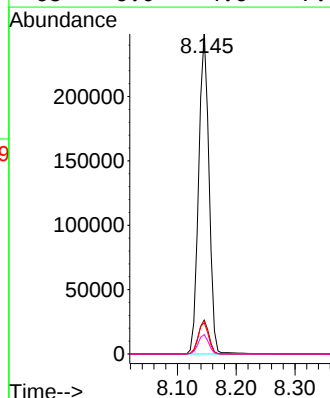
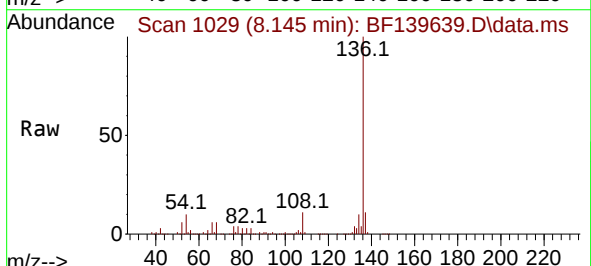
Instrument :  
BNA\_F  
ClientSampleId :  
TP-R

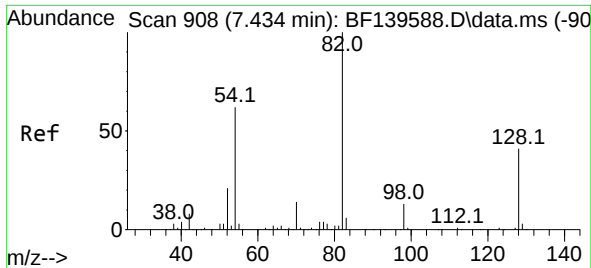
Tgt Ion: 99 Resp: 633215  
Ion Ratio Lower Upper  
99 100  
42 23.4 19.1 28.7  
71 37.0 29.7 44.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF139639.D  
Acq: 03 Oct 2024 18:54

Tgt Ion: 136 Resp: 304907  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 9.8 8.3 12.5  
68 6.0 4.6 7.0

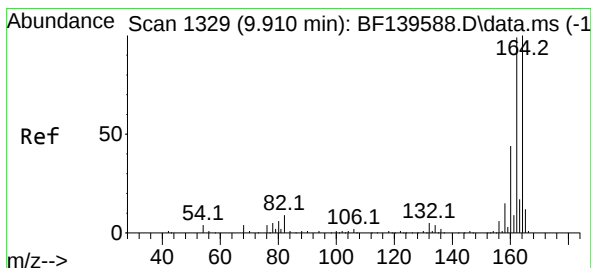
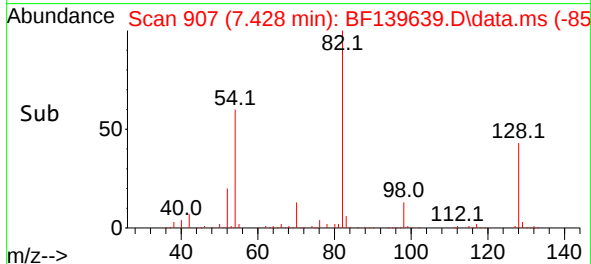
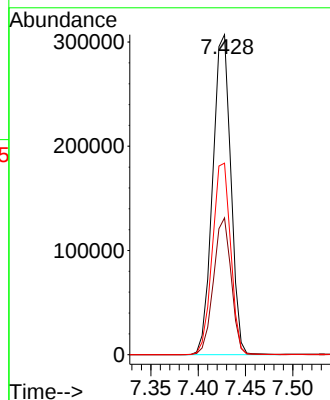
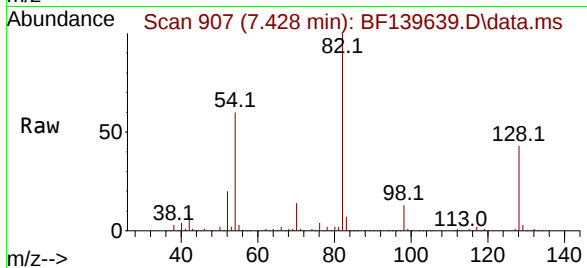




#23  
Nitrobenzene-d5  
Concen: 67.913 ng  
RT: 7.428 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: BF139639.D  
Acq: 03 Oct 2024 18:54

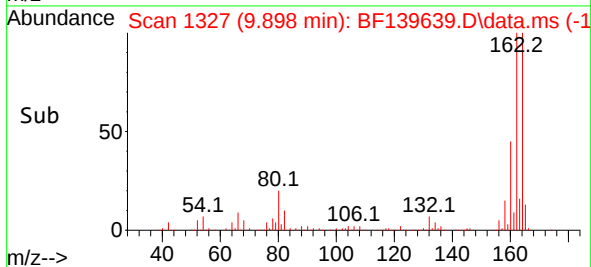
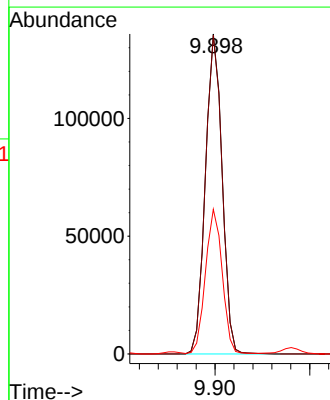
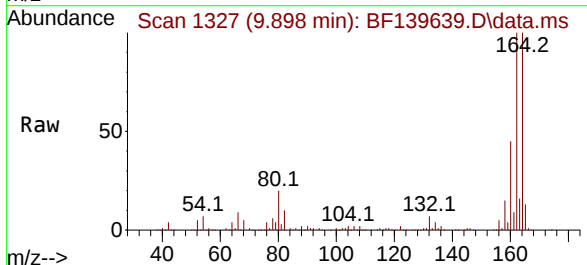
Instrument :  
BNA\_F  
ClientSampleId :  
TP-R

Tgt Ion: 82 Resp: 408985  
Ion Ratio Lower Upper  
82 100  
128 42.8 32.4 48.6  
54 59.8 49.1 73.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.898 min Scan# 1327  
Delta R.T. -0.012 min  
Lab File: BF139639.D  
Acq: 03 Oct 2024 18:54

Tgt Ion:164 Resp: 166142  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.4 119.0  
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 94.726 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139639.D

Acq: 03 Oct 2024 18:54

Instrument :

BNA\_F

ClientSampleId :

TP-R

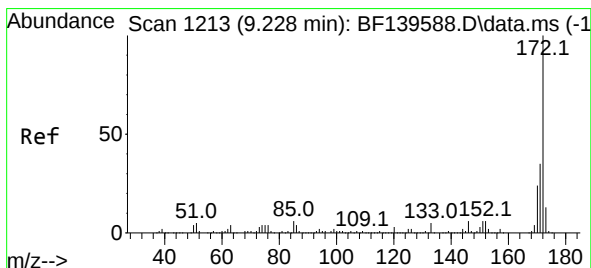
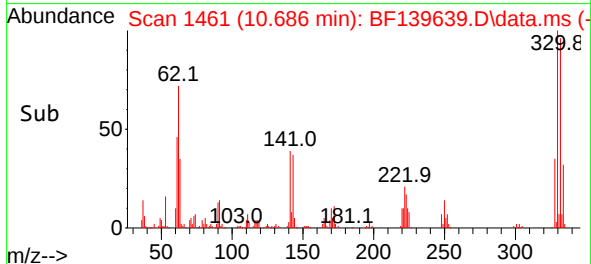
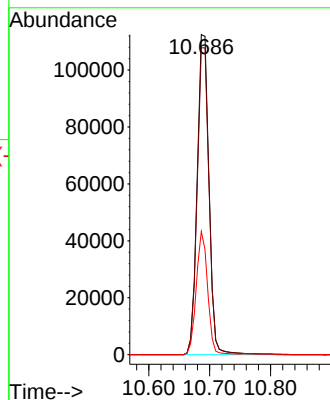
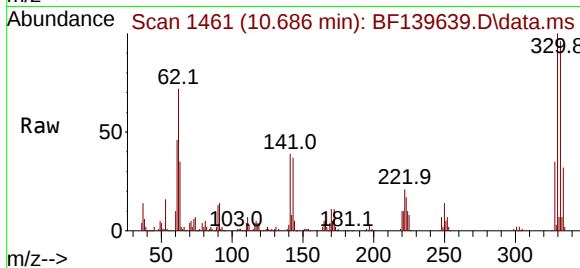
Tgt Ion:330 Resp: 151924

Ion Ratio Lower Upper

330 100

332 96.2 76.5 114.7

141 36.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 69.403 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139639.D

Acq: 03 Oct 2024 18:54

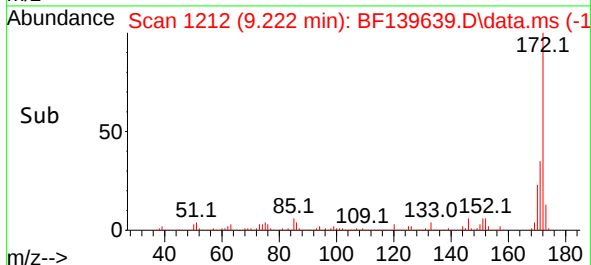
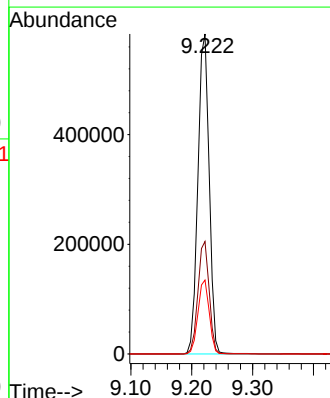
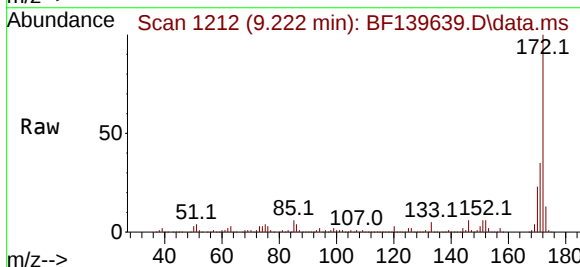
Tgt Ion:172 Resp: 751100

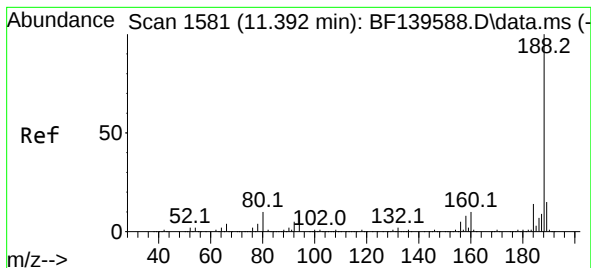
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139639.D

Acq: 03 Oct 2024 18:54

Instrument :

BNA\_F

ClientSampleId :

TP-R

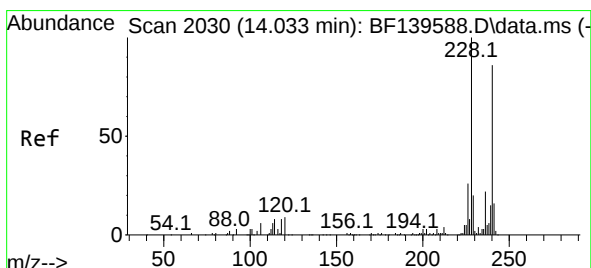
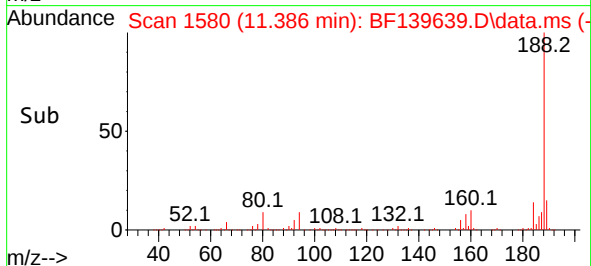
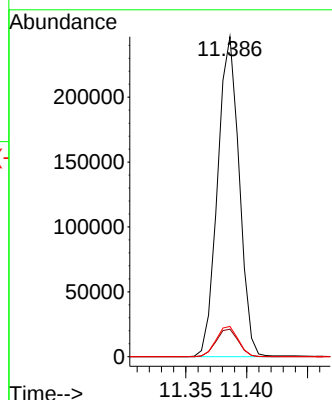
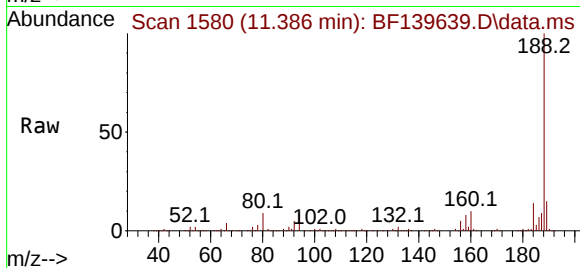
Tgt Ion:188 Resp: 305133

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.5 8.2 12.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF139639.D

Acq: 03 Oct 2024 18:54

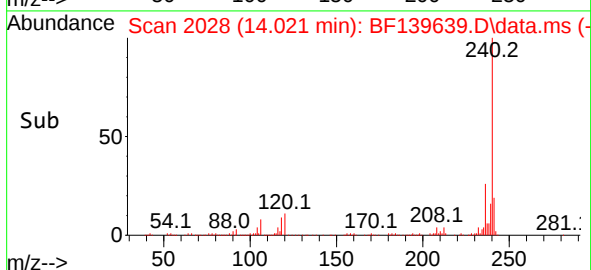
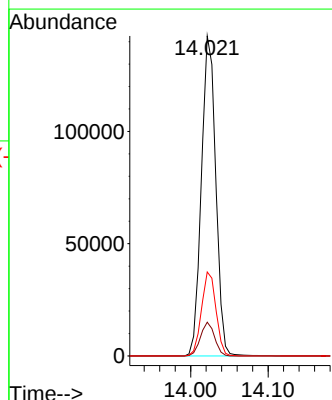
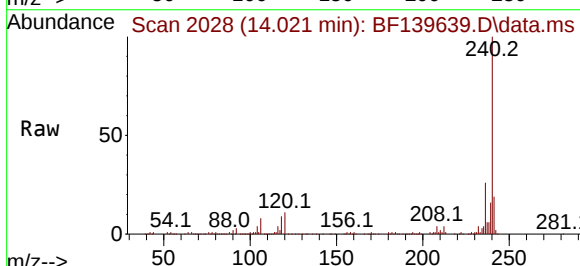
Tgt Ion:240 Resp: 183794

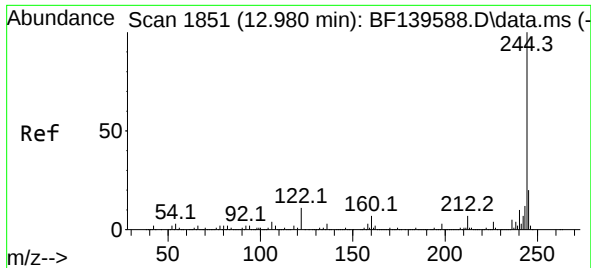
Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 26.3 20.3 30.5

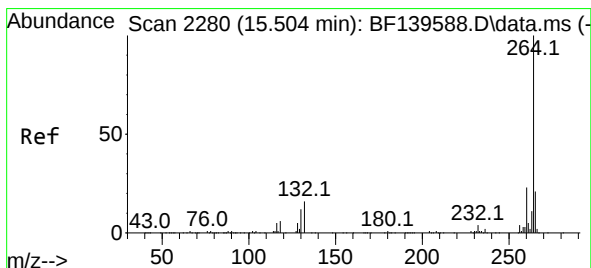
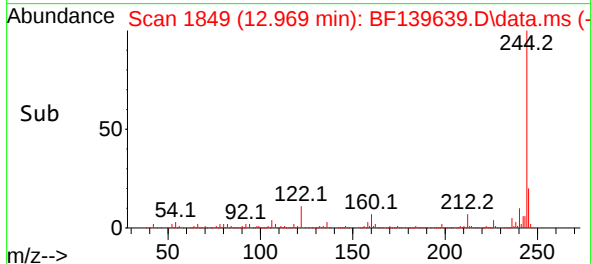
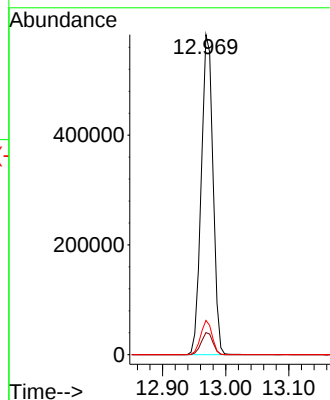
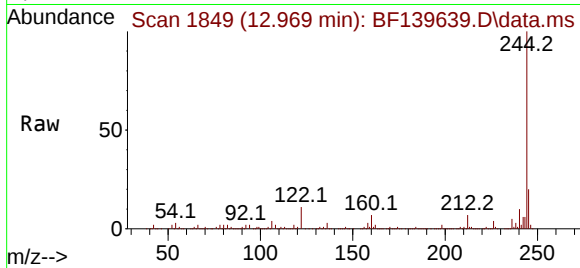




#79  
 Terphenyl-d14  
 Concen: 67.469 ng  
 RT: 12.969 min Scan# 1849  
 Delta R.T. -0.011 min  
 Lab File: BF139639.D  
 Acq: 03 Oct 2024 18:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-R

Tgt Ion:244 Resp: 755744  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.6  
 122 10.7 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.492 min Scan# 2278  
 Delta R.T. -0.012 min  
 Lab File: BF139639.D  
 Acq: 03 Oct 2024 18:54

Tgt Ion:264 Resp: 182163  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.7 28.1  
 265 21.0 16.9 25.3

