

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091525\  
 Data File : BF143763.D  
 Acq On : 15 Sep 2025 20:55  
 Operator : RC/JU  
 Sample : Q3092-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 291376

Quant Time: Sep 16 01:10:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 09 15:20:16 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.892  | 152  | 16953    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.175  | 136  | 62637    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.928  | 164  | 34545    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.422 | 188  | 56729    | 20.000  | ng    | 0.01     |
| 76) Chrysene-d12            | 14.063 | 240  | 40371    | 20.000  | ng    | 0.02     |
| 86) Perylene-d12            | 15.545 | 264  | 26945    | 20.000  | ng    | 0.03     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 146678   | 147.616 | ng    | 0.03     |
| 7) Phenol-d6                | 6.516  | 99   | 162698   | 134.476 | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 106895   | 106.150 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 57624    | 165.522 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 233546   | 102.127 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.010 | 244  | 255438   | 102.535 | ng    | 0.02     |

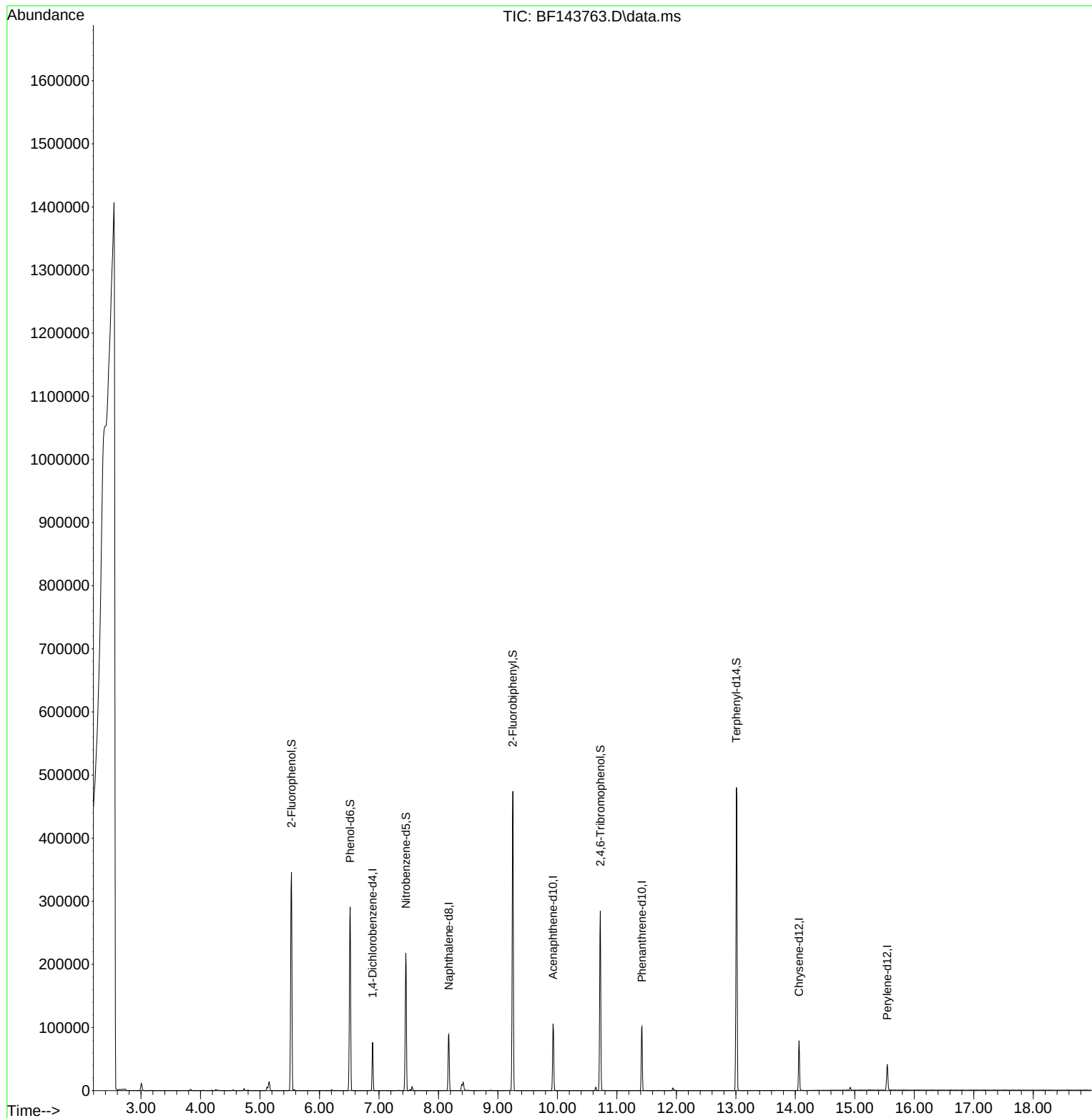
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

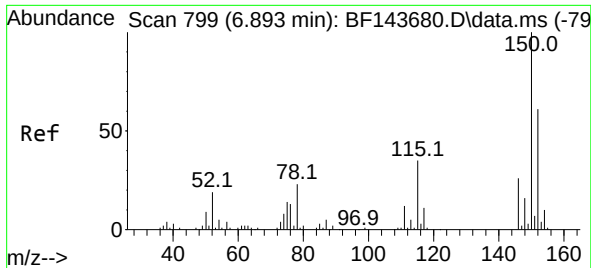
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091525\  
Data File : BF143763.D  
Acq On : 15 Sep 2025 20:55  
Operator : RC/JU  
Sample : Q3092-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
291376

Quant Time: Sep 16 01:10:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 09 15:20:16 2025  
Response via : Initial Calibration

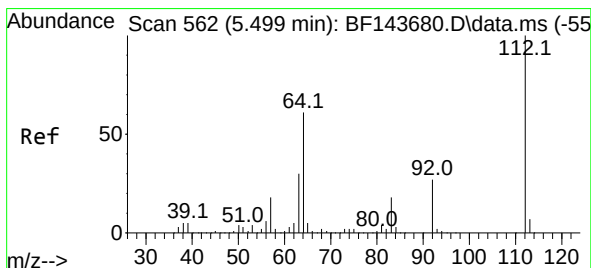
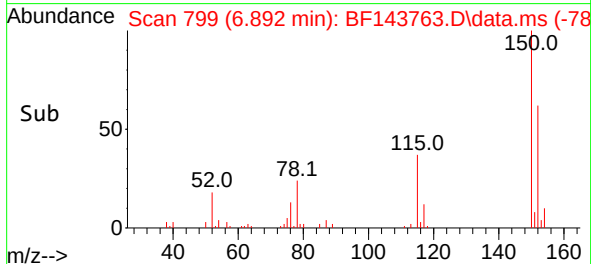
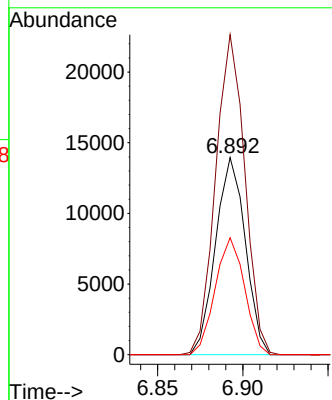
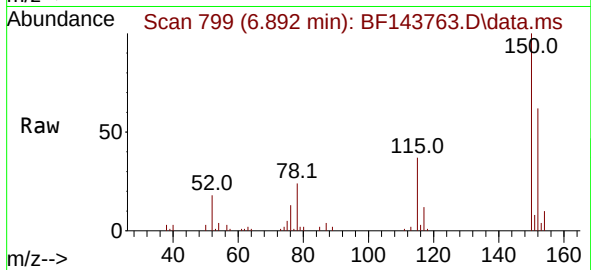




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 799  
Delta R.T. -0.001 min  
Lab File: BF143763.D  
Acq: 15 Sep 2025 20:55

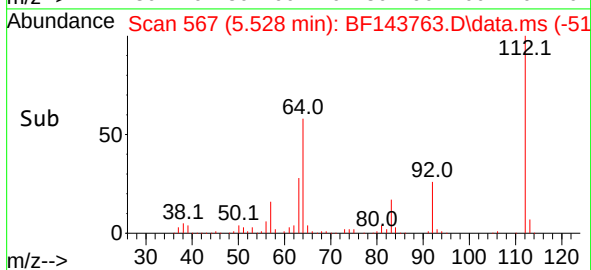
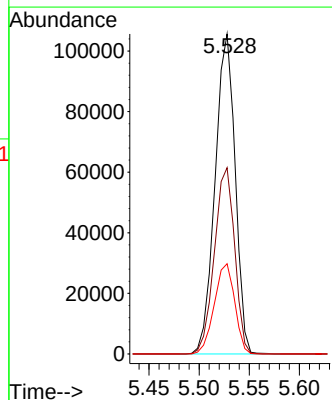
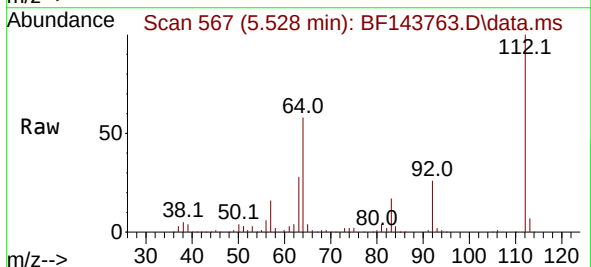
Instrument :  
BNA\_F  
ClientSampleId :  
291376

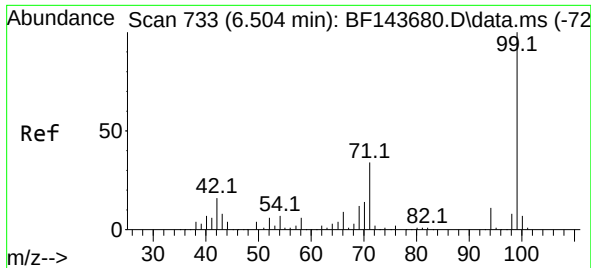
Tgt Ion:152 Resp: 16953  
Ion Ratio Lower Upper  
152 100  
150 162.3 130.7 196.1  
115 59.4 45.9 68.9



#5  
2-Fluorophenol  
Concen: 147.616 ng  
RT: 5.528 min Scan# 567  
Delta R.T. 0.029 min  
Lab File: BF143763.D  
Acq: 15 Sep 2025 20:55

Tgt Ion:112 Resp: 146678  
Ion Ratio Lower Upper  
112 100  
64 58.2 49.0 73.4  
63 28.2 24.3 36.5

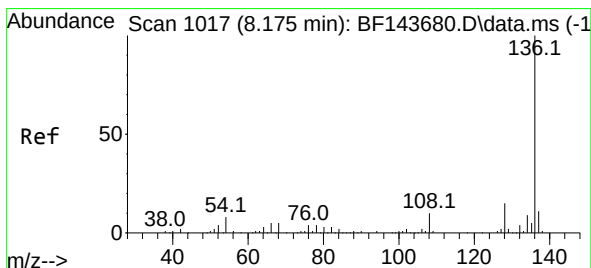
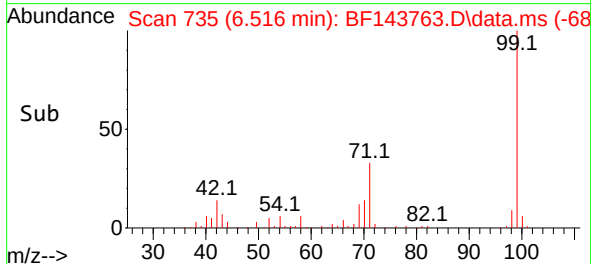
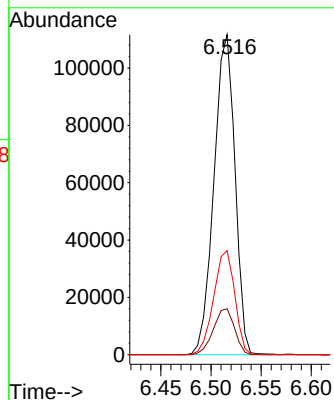
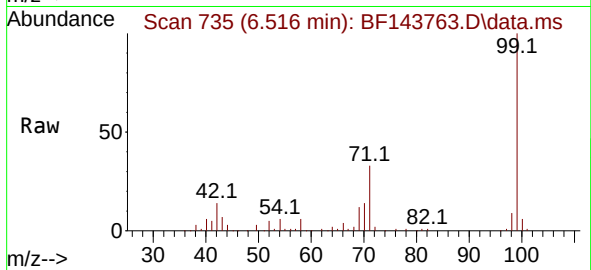




#7  
Phenol-d6  
Concen: 134.476 ng  
RT: 6.516 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: BF143763.D  
Acq: 15 Sep 2025 20:55

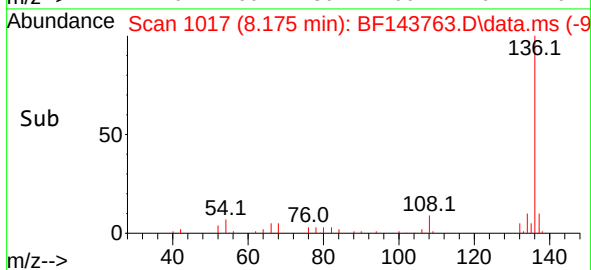
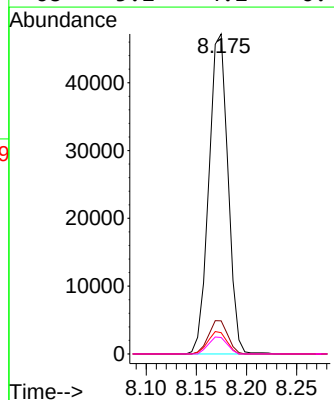
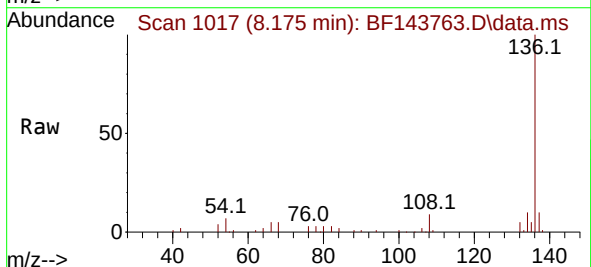
Instrument :  
BNA\_F  
ClientSampleId :  
291376

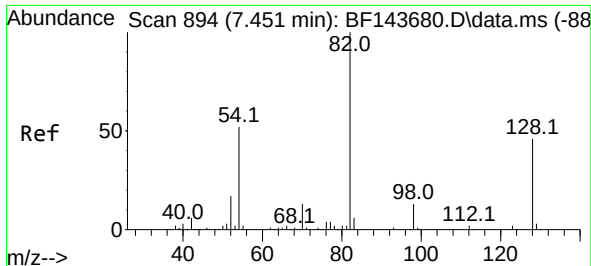
Tgt Ion: 99 Resp: 162698  
Ion Ratio Lower Upper  
99 100  
42 14.3 13.0 19.4  
71 32.6 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF143763.D  
Acq: 15 Sep 2025 20:55

Tgt Ion: 136 Resp: 62637  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.7 13.1  
54 6.7 6.2 9.2  
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 106.150 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143763.D

Acq: 15 Sep 2025 20:55

Instrument :

BNA\_F

ClientSampleId :

291376

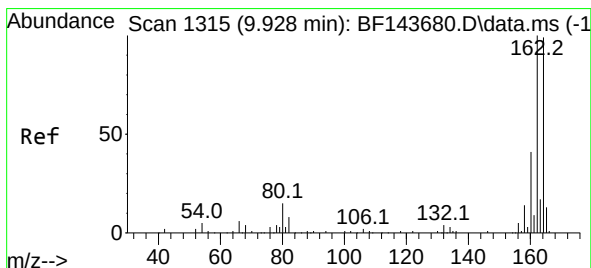
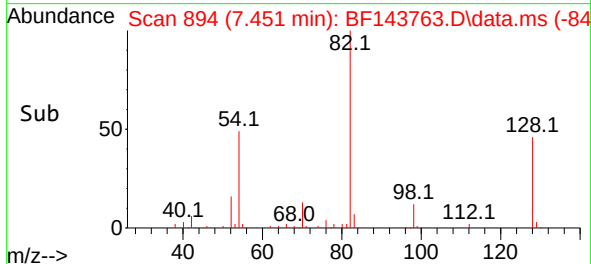
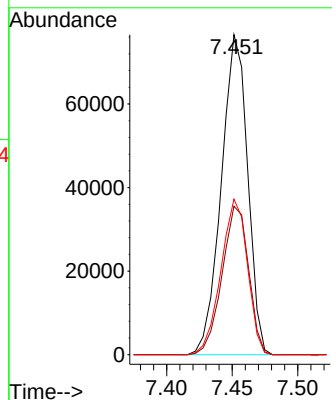
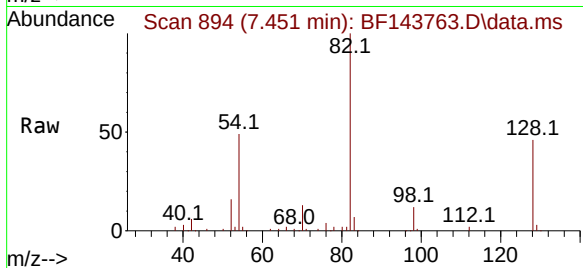
Tgt Ion: 82 Resp: 106895

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.4

54 48.6 41.8 62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF143763.D

Acq: 15 Sep 2025 20:55

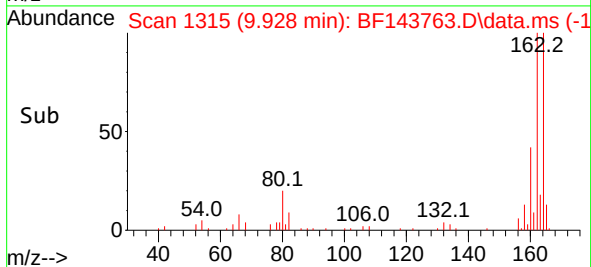
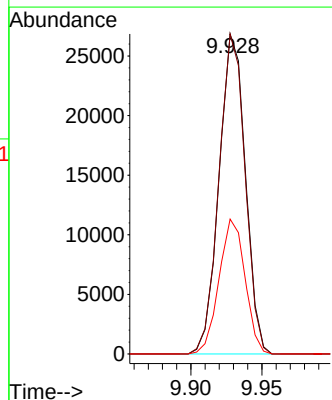
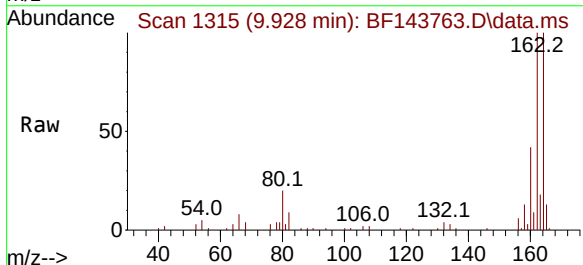
Tgt Ion:164 Resp: 34545

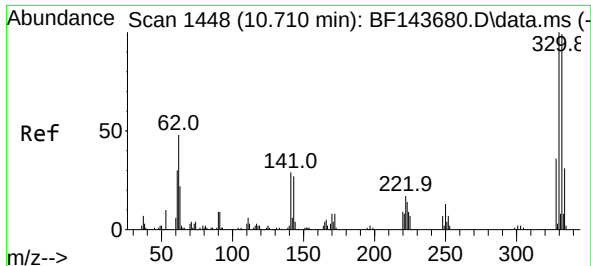
Ion Ratio Lower Upper

164 100

162 99.9 80.6 121.0

160 42.2 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 165.522 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF143763.D

Acq: 15 Sep 2025 20:55

Instrument :

BNA\_F

ClientSampleId :

291376

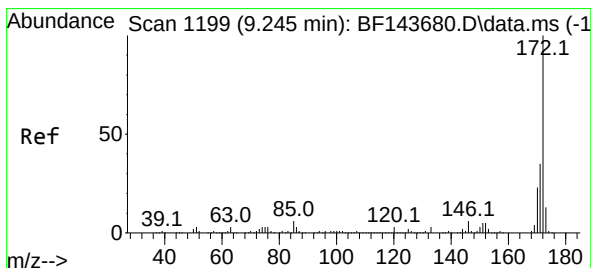
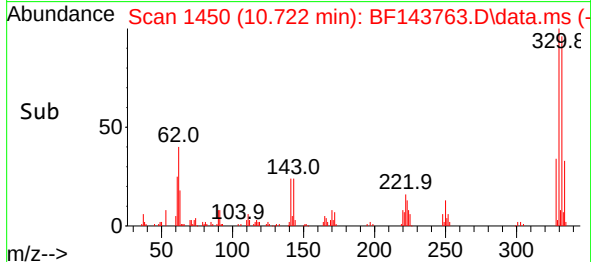
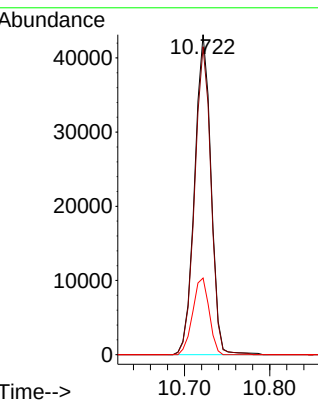
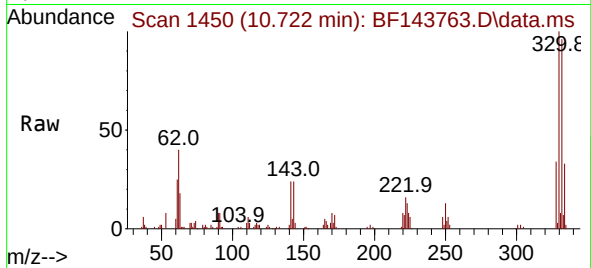
Tgt Ion:330 Resp: 57624

Ion Ratio Lower Upper

330 100

332 95.6 79.2 118.8

141 24.0 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 102.127 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143763.D

Acq: 15 Sep 2025 20:55

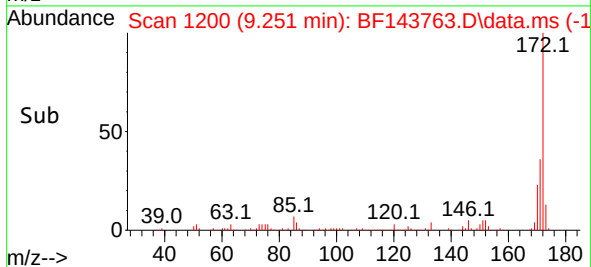
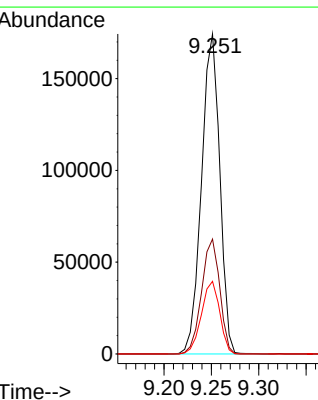
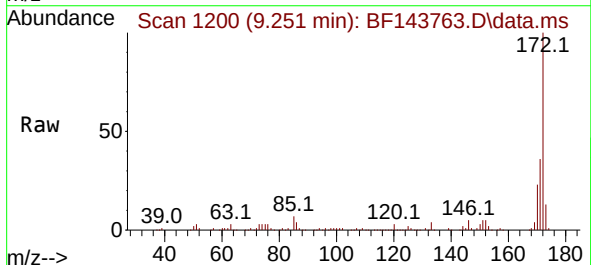
Tgt Ion:172 Resp: 233546

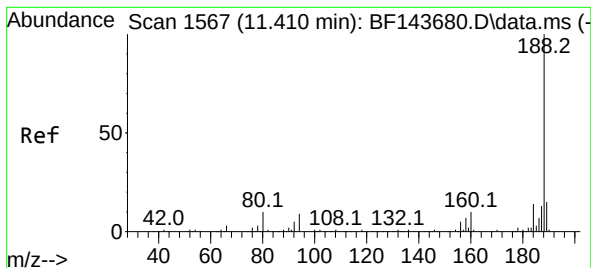
Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 22.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF143763.D

Acq: 15 Sep 2025 20:55

Instrument :

BNA\_F

ClientSampleId :

291376

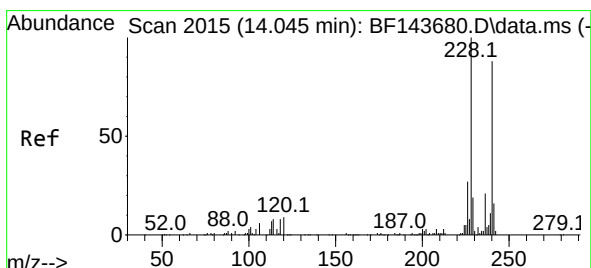
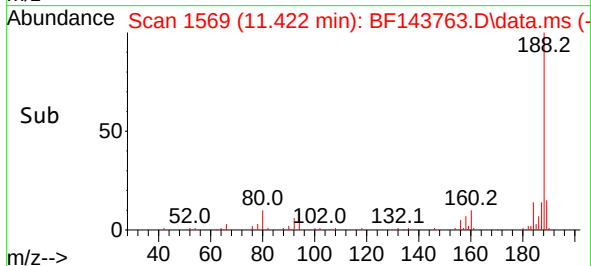
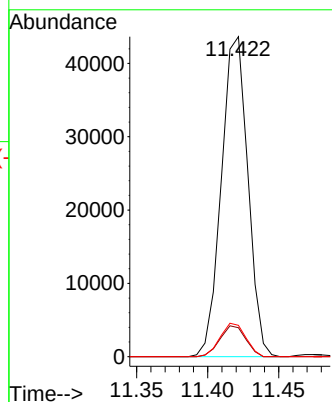
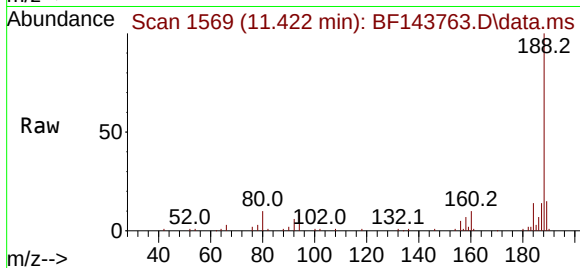
Tgt Ion:188 Resp: 56729

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.0

80 9.8 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.018 min

Lab File: BF143763.D

Acq: 15 Sep 2025 20:55

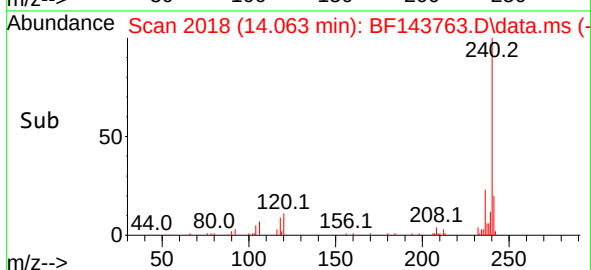
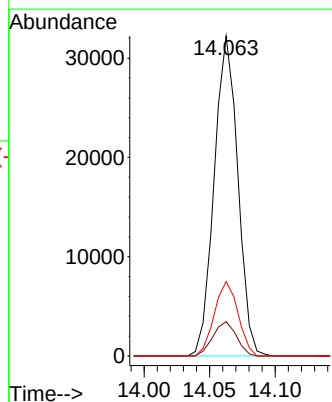
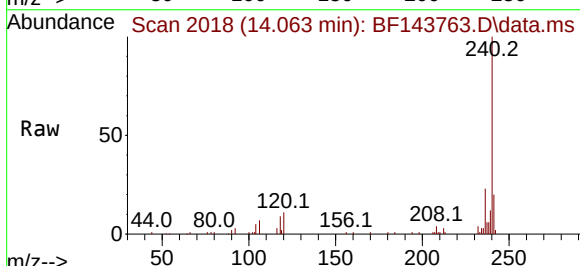
Tgt Ion:240 Resp: 40371

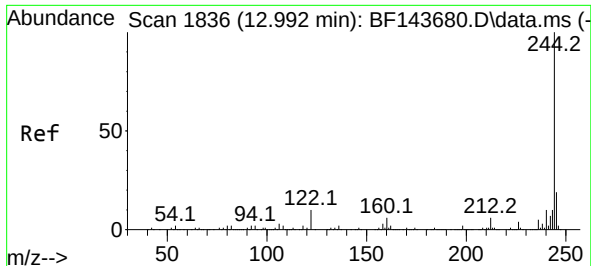
Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

236 23.3 18.6 28.0





#79

Terphenyl-d14

Concen: 102.535 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.018 min

Lab File: BF143763.D

Acq: 15 Sep 2025 20:55

Instrument :

BNA\_F

ClientSampleId :

291376

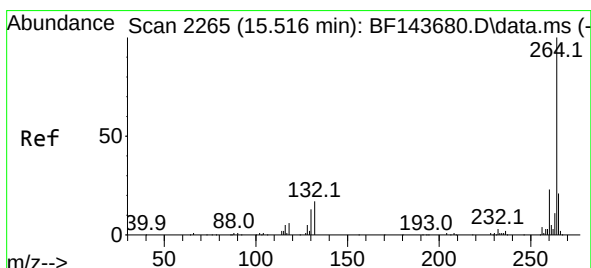
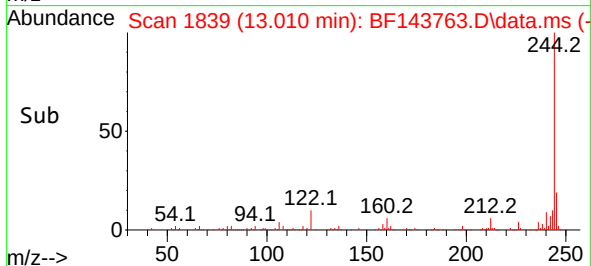
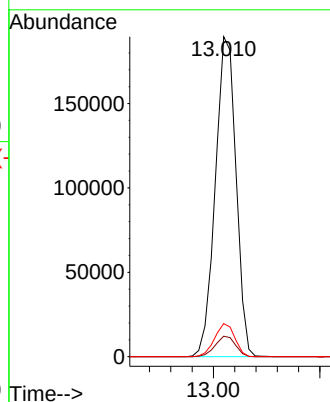
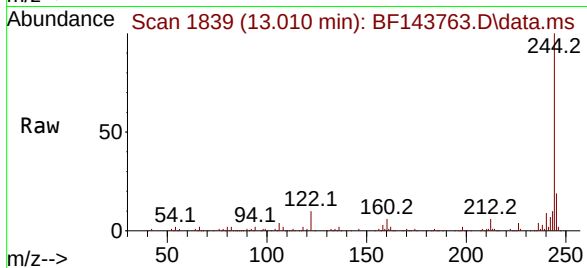
Tgt Ion:244 Resp: 255438

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.6

122 10.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.029 min

Lab File: BF143763.D

Acq: 15 Sep 2025 20:55

Tgt Ion:264 Resp: 26945

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 19.9 17.1 25.7

