

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091125\  
 Data File : BF143702.D  
 Acq On : 11 Sep 2025 13:00  
 Operator : RC/JU  
 Sample : PB169649BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169649BL

Quant Time: Sep 11 13:25:34 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   | 6.893  | 152  | 44271    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.175  | 136  | 169641   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.928  | 164  | 97086    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 169627   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 99790    | 20.000  | ng    | 0.01     |
| 86) Perylene-d12            | 15.539 | 264  | 98683    | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 353033   | 136.054 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 426288   | 134.925 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 262080   | 96.094  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 139554   | 142.634 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 599368   | 93.259  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.010 | 244  | 638673   | 103.716 | ng    | 0.02     |

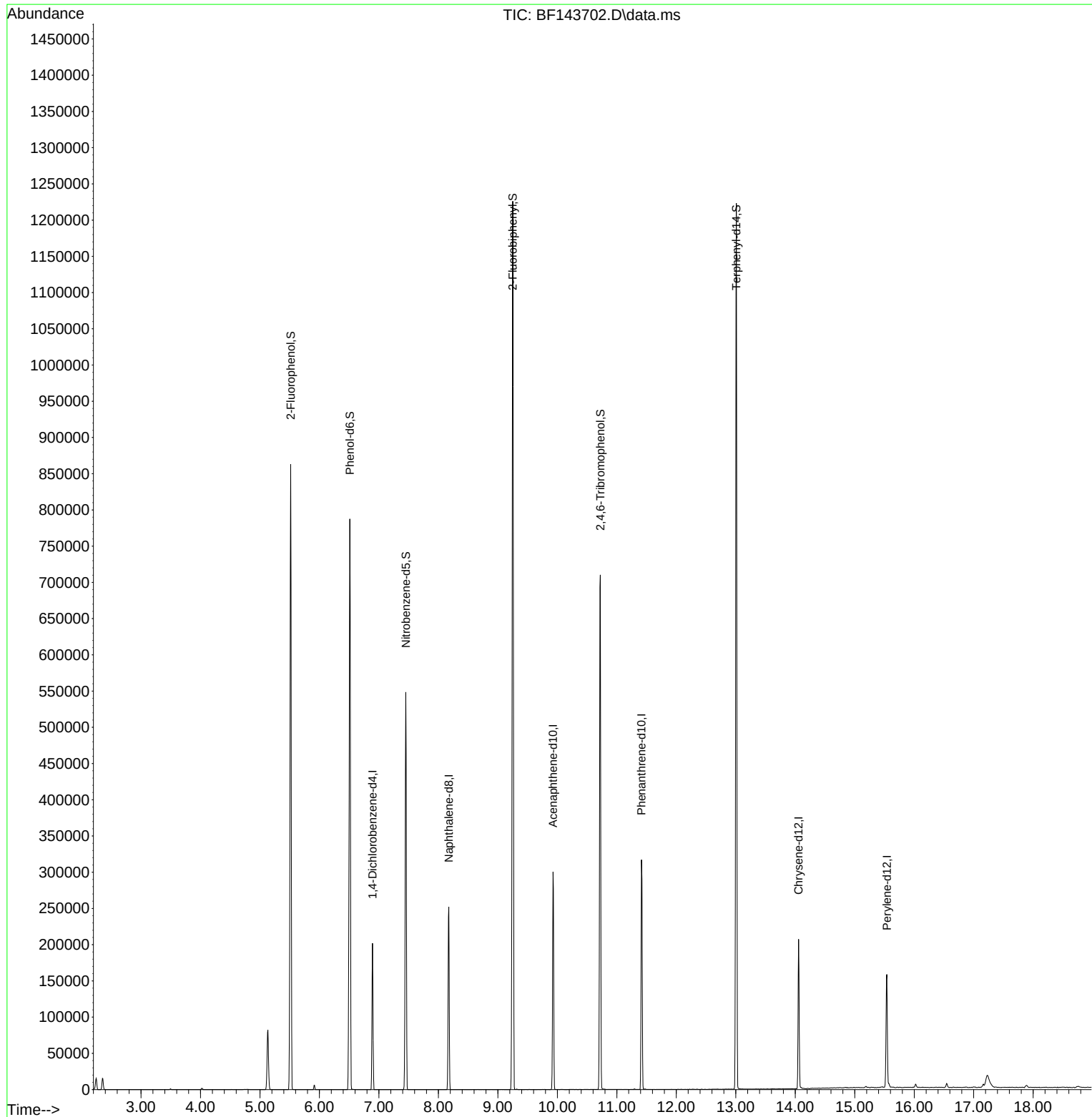
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

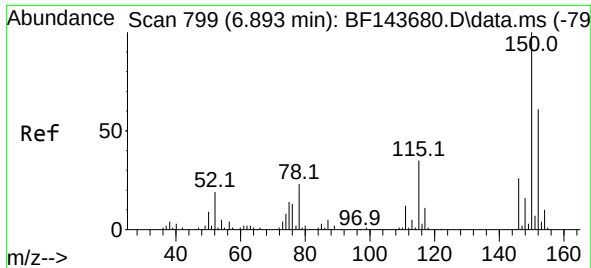
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091125\  
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Sample : PB169649BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB169649BL

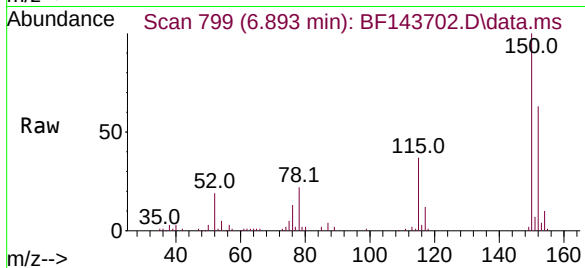
Quant Time: Sep 11 13:25:34 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 09 15:20:16 2025  
Response via : Initial Calibration



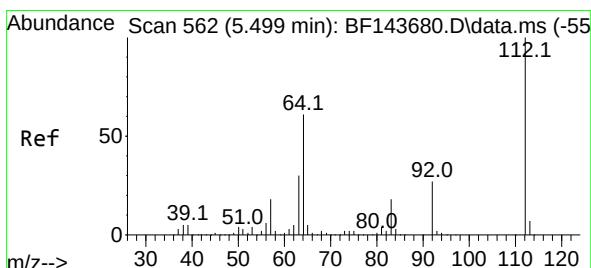
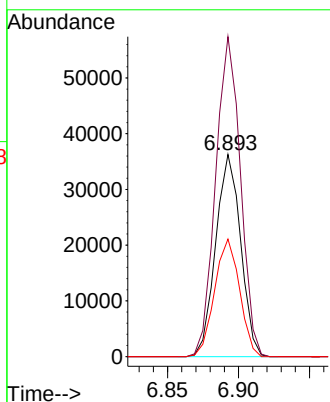
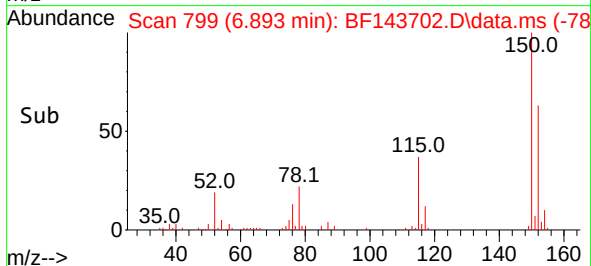


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BF143702.D  
Acq: 11 Sep 2025 13:00

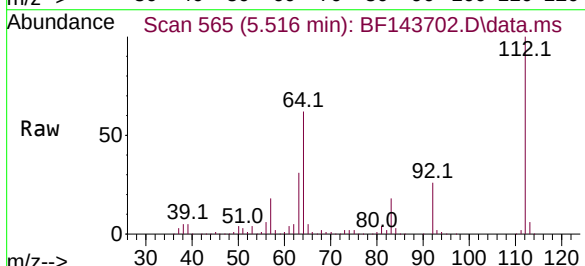
Instrument :  
BNA\_F  
ClientSampleId :  
PB169649BL



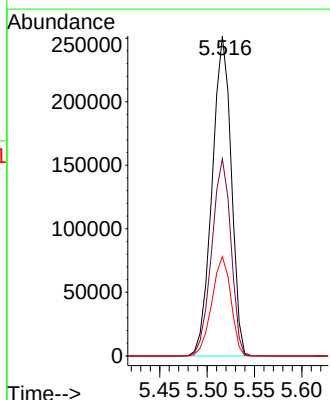
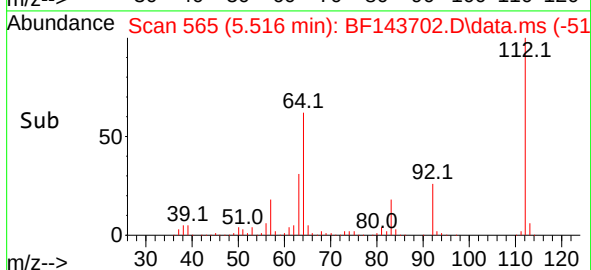
Tgt Ion:152 Resp: 44271  
Ion Ratio Lower Upper  
152 100  
150 158.3 130.7 196.1  
115 58.1 45.9 68.9

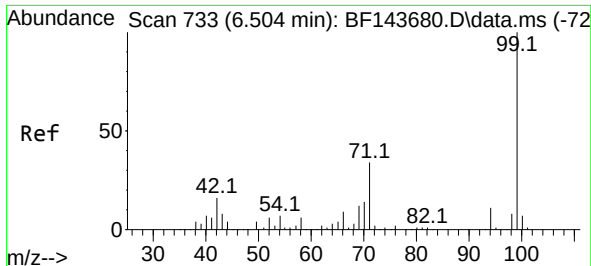


#5  
2-Fluorophenol  
Concen: 136.054 ng  
RT: 5.516 min Scan# 565  
Delta R.T. 0.018 min  
Lab File: BF143702.D  
Acq: 11 Sep 2025 13:00



Tgt Ion:112 Resp: 353033  
Ion Ratio Lower Upper  
112 100  
64 61.6 49.0 73.4  
63 31.0 24.3 36.5

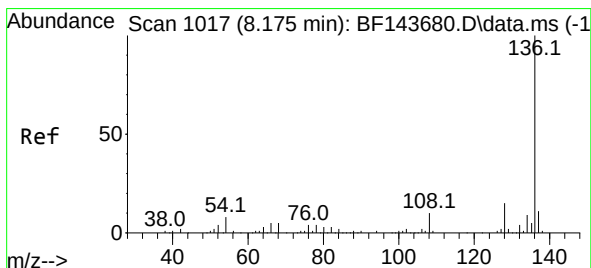
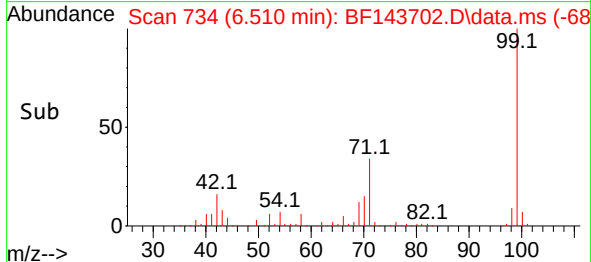
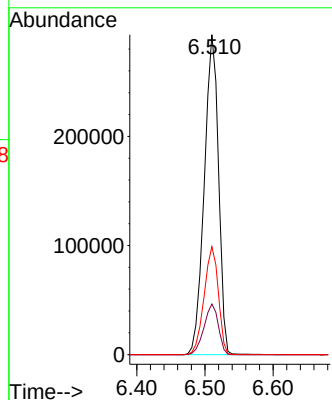
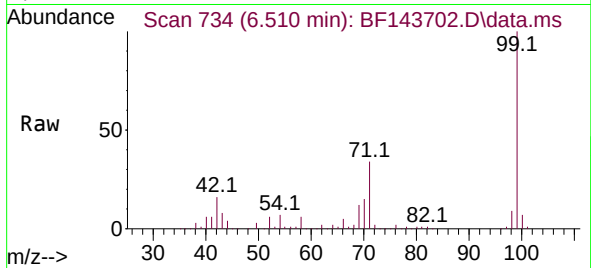




#7  
Phenol-d6  
Concen: 134.925 ng  
RT: 6.510 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: BF143702.D  
Acq: 11 Sep 2025 13:00

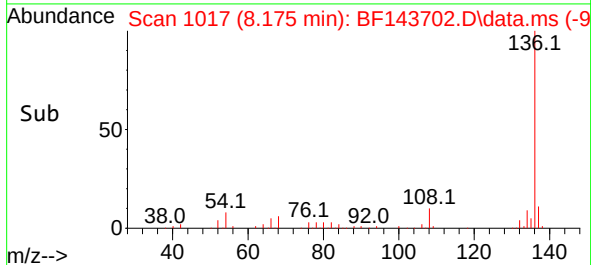
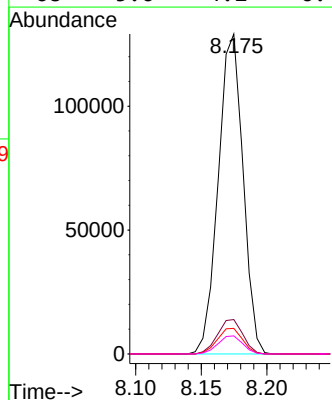
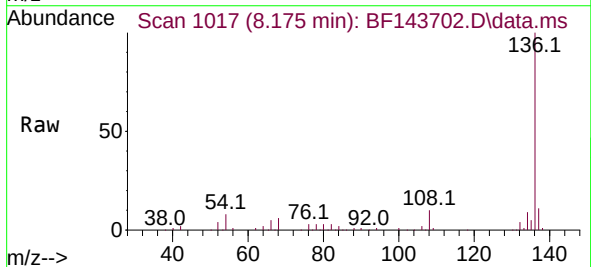
Instrument :  
BNA\_F  
ClientSampleId :  
PB169649BL

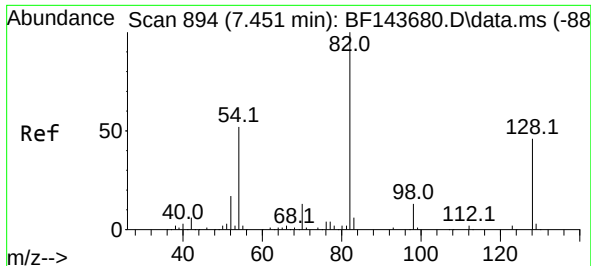
Tgt Ion: 99 Resp: 426288  
Ion Ratio Lower Upper  
99 100  
42 15.8 13.0 19.4  
71 33.7 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: BF143702.D  
Acq: 11 Sep 2025 13:00

Tgt Ion: 136 Resp: 169641  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.7 13.1  
54 8.0 6.2 9.2  
68 5.6 4.2 6.4





#23

Nitrobenzene-d5

Concen: 96.094 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143702.D

Acq: 11 Sep 2025 13:00

Instrument :

BNA\_F

ClientSampleId :

PB169649BL

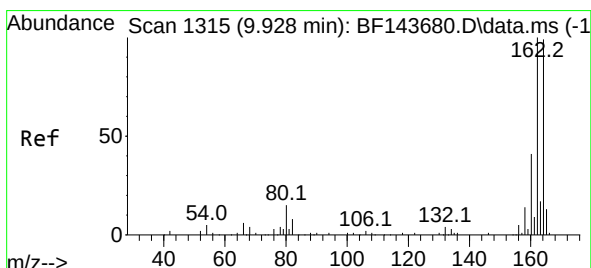
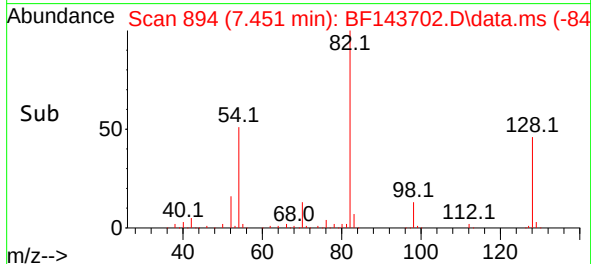
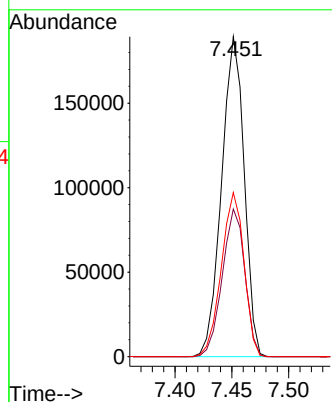
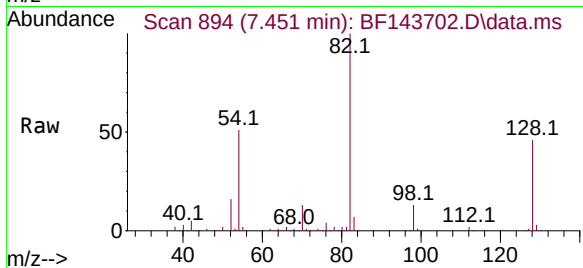
Tgt Ion: 82 Resp: 262080

Ion Ratio Lower Upper

82 100

128 46.1 37.0 55.4

54 51.3 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: BF143702.D

Acq: 11 Sep 2025 13:00

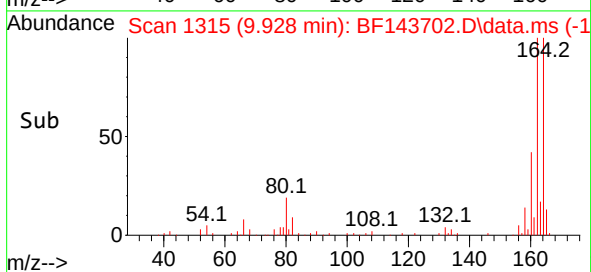
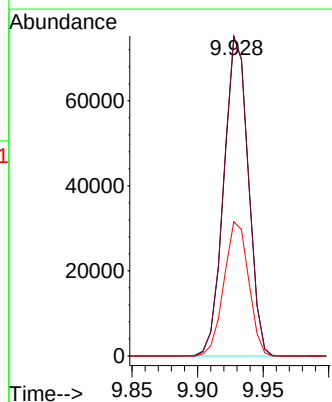
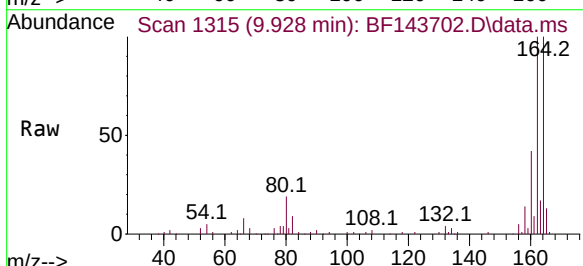
Tgt Ion:164 Resp: 97086

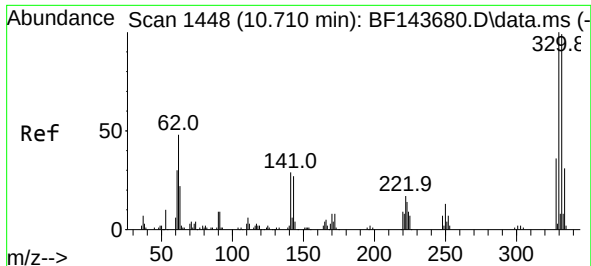
Ion Ratio Lower Upper

164 100

162 100.5 80.6 121.0

160 42.1 33.0 49.4





#42

2,4,6-Tribromophenol

Concen: 142.634 ng

RT: 10.722 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF143702.D

Acq: 11 Sep 2025 13:00

Instrument :

BNA\_F

ClientSampleId :

PB169649BL

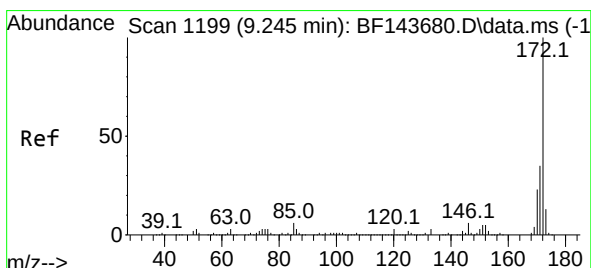
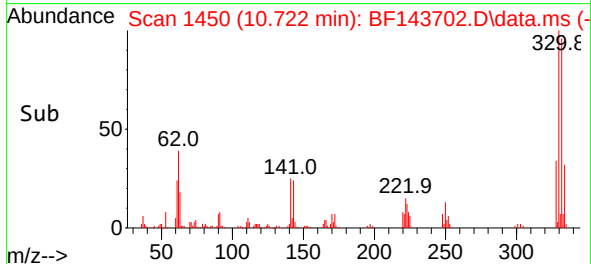
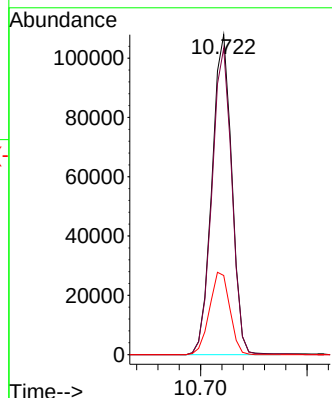
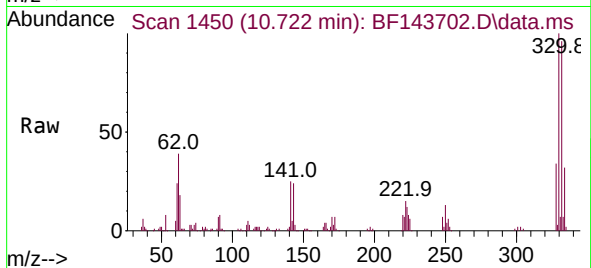
Tgt Ion:330 Resp: 139554

Ion Ratio Lower Upper

330 100

332 96.1 79.2 118.8

141 26.3 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 93.259 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.006 min

Lab File: BF143702.D

Acq: 11 Sep 2025 13:00

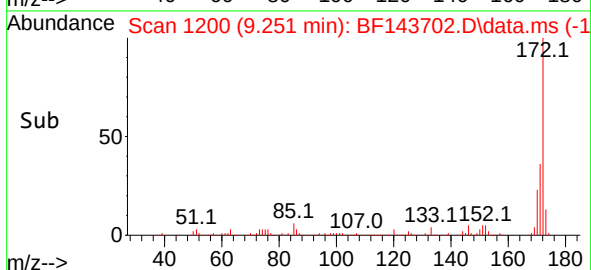
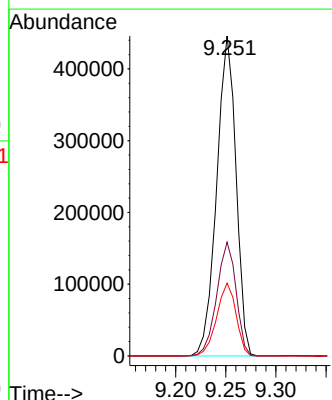
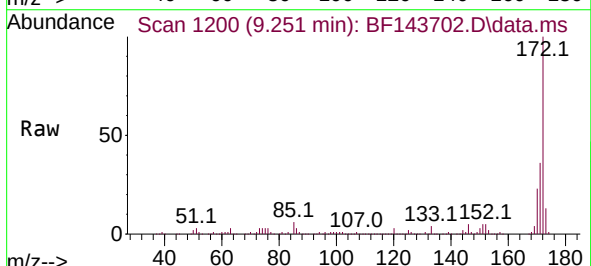
Tgt Ion:172 Resp: 599368

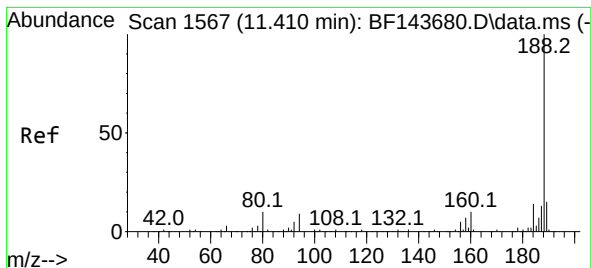
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 22.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143702.D

Acq: 11 Sep 2025 13:00

Instrument :

BNA\_F

ClientSampleId :

PB169649BL

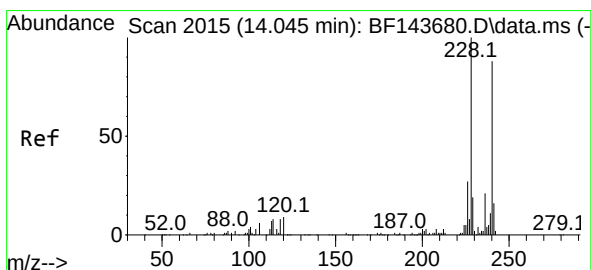
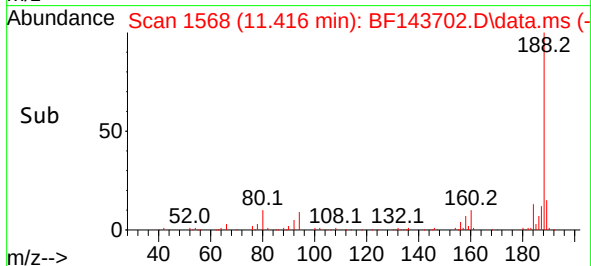
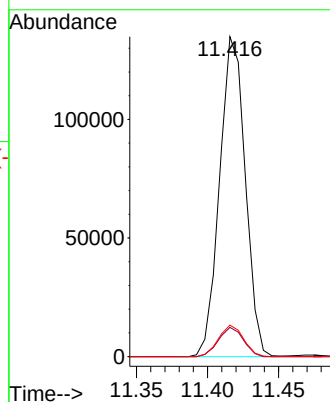
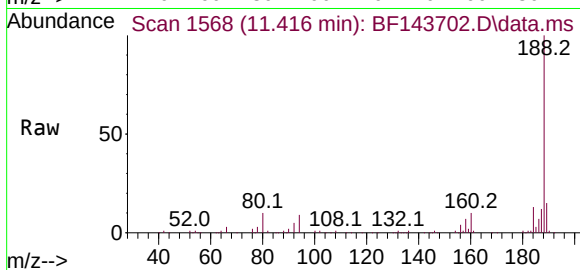
Tgt Ion:188 Resp: 169627

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: 14.057 min Scan# 2017

Delta R.T. 0.012 min

Lab File: BF143702.D

Acq: 11 Sep 2025 13:00

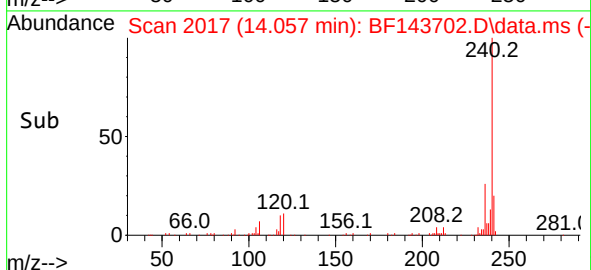
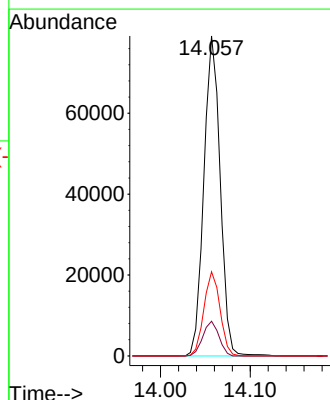
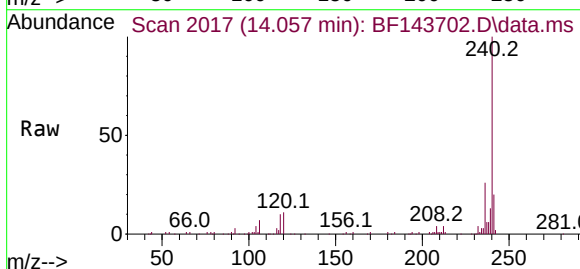
Tgt Ion:240 Resp: 99790

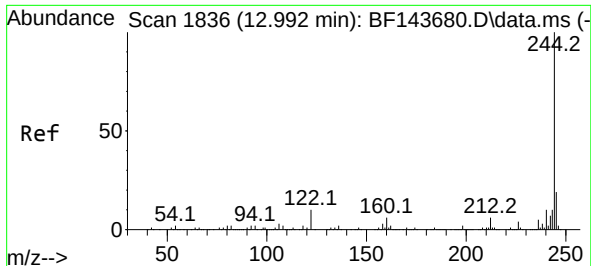
Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

236 26.3 18.6 28.0

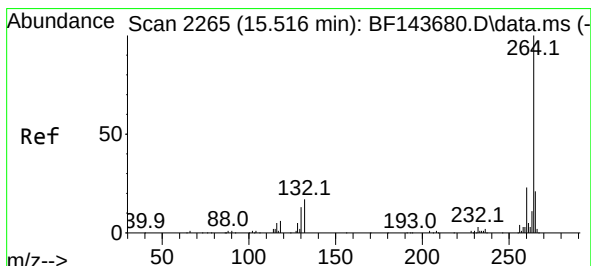
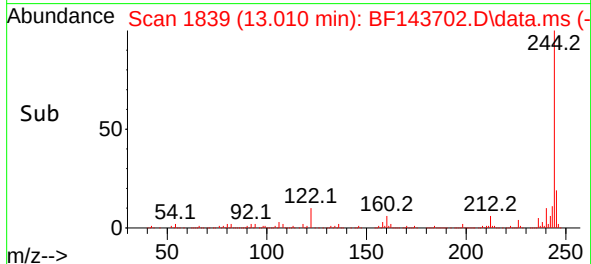
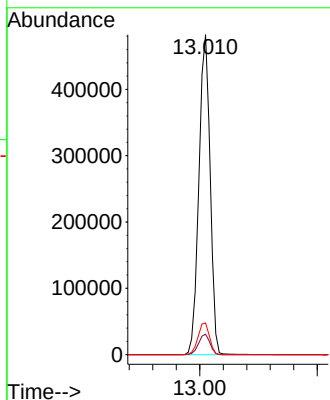
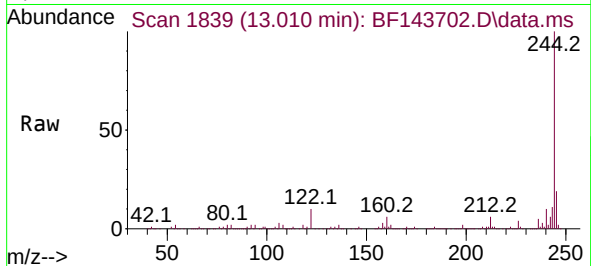




#79  
 Terphenyl-d14  
 Concen: 103.716 ng  
 RT: 13.010 min Scan# 1839  
 Delta R.T. 0.018 min  
 Lab File: BF143702.D  
 Acq: 11 Sep 2025 13:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169649BL

Tgt Ion:244 Resp: 638673  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.0 7.6  
 122 9.9 7.9 11.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2269  
 Delta R.T. 0.023 min  
 Lab File: BF143702.D  
 Acq: 11 Sep 2025 13:00

Tgt Ion:264 Resp: 98683  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.4 27.6  
 265 21.8 17.1 25.7

