

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112125\  
 Data File : BF144307.D  
 Acq On : 21 Nov 2025 14:33  
 Operator : RC/JU  
 Sample : PB170680BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170680BL

Quant Time: Nov 21 14:52:45 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 05 18:37:33 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 77298    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.145  | 136  | 299715   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.904  | 164  | 173062   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 277704   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.039 | 240  | 182728   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.521 | 264  | 222979   | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 439004   | 88.875 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 498461   | 89.060 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 319220   | 61.514 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 183774   | 84.621 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 700453   | 59.778 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 645147   | 56.081 | ng    | -0.01    |

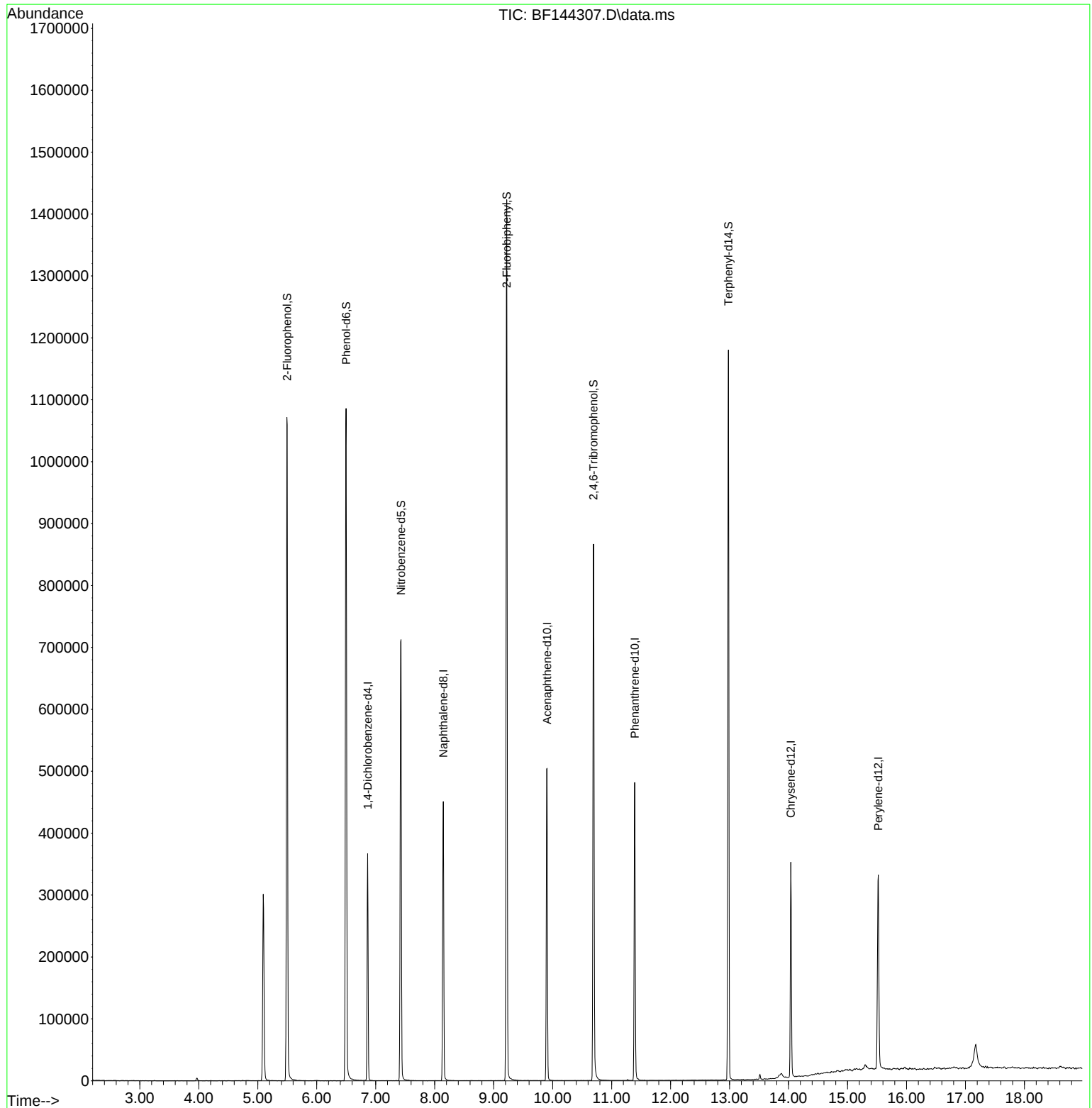
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

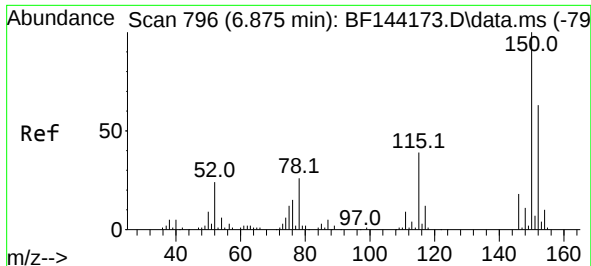
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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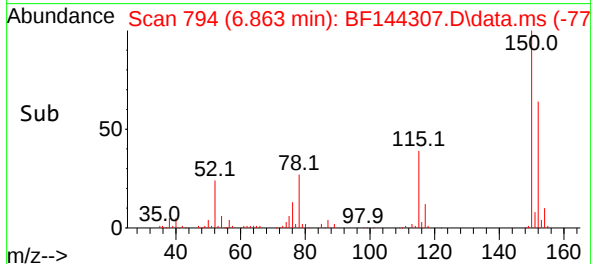
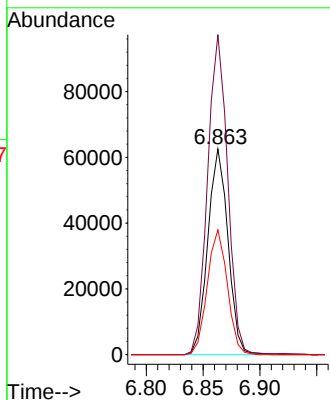
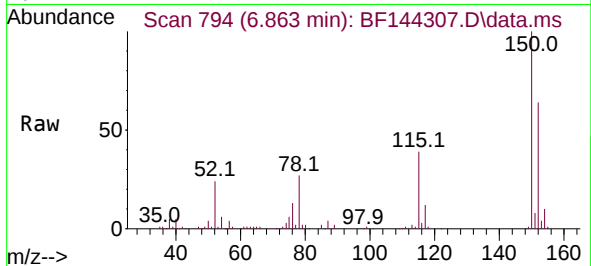




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.863 min Scan# 796  
 Delta R.T. -0.012 min  
 Lab File: BF144307.D  
 Acq: 21 Nov 2025 14:33

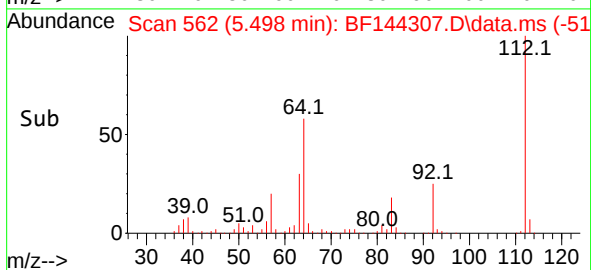
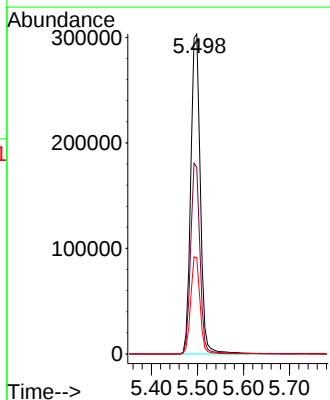
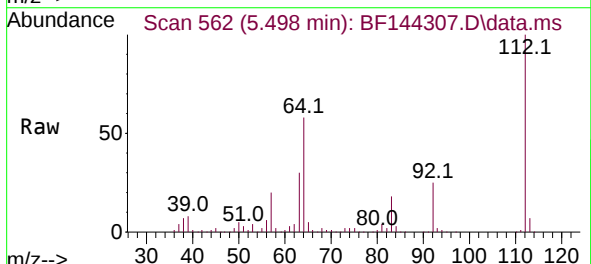
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB170680BL

Tgt Ion:152 Resp: 77298  
 Ion Ratio Lower Upper  
 152 100  
 150 155.6 127.4 191.0  
 115 60.6 49.5 74.3



#5  
 2-Fluorophenol  
 Concen: 88.875 ng  
 RT: 5.498 min Scan# 562  
 Delta R.T. 0.006 min  
 Lab File: BF144307.D  
 Acq: 21 Nov 2025 14:33

Tgt Ion:112 Resp: 439004  
 Ion Ratio Lower Upper  
 112 100  
 64 58.3 47.2 70.8  
 63 30.0 24.4 36.6

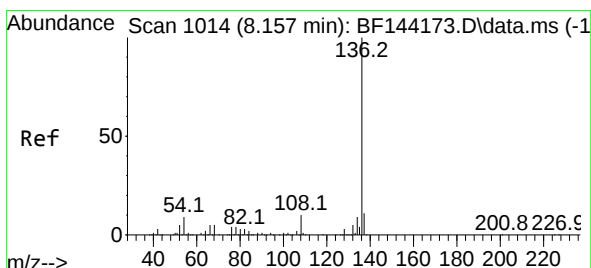
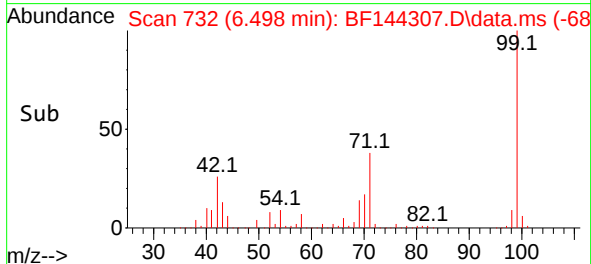
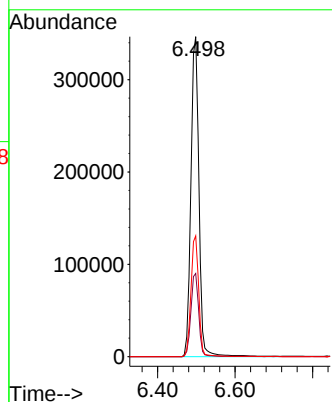
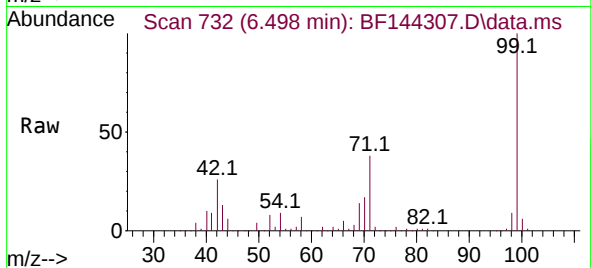




#7  
Phenol-d6  
Concen: 89.060 ng  
RT: 6.498 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: BF144307.D  
Acq: 21 Nov 2025 14:33

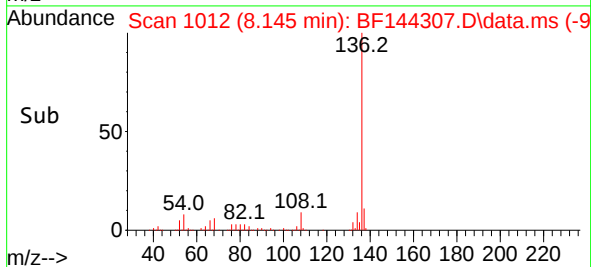
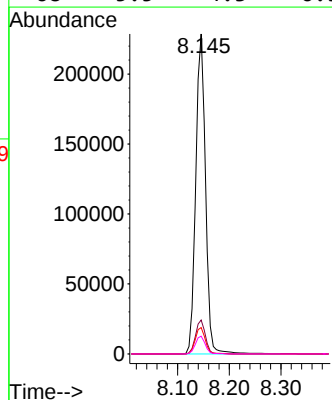
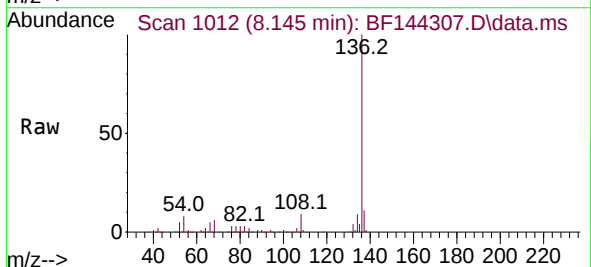
Instrument :  
BNA\_F  
ClientSampleId :  
PB170680BL

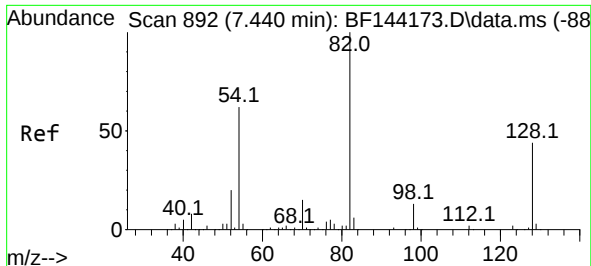
Tgt Ion: 99 Resp: 498461  
Ion Ratio Lower Upper  
99 100  
42 26.0 20.9 31.3  
71 37.8 31.4 47.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1012  
Delta R.T. -0.012 min  
Lab File: BF144307.D  
Acq: 21 Nov 2025 14:33

Tgt Ion: 136 Resp: 299715  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 8.2 7.0 10.6  
68 5.5 4.3 6.5





#23

Nitrobenzene-d5

Concen: 61.514 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144307.D

Acq: 21 Nov 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

PB170680BL

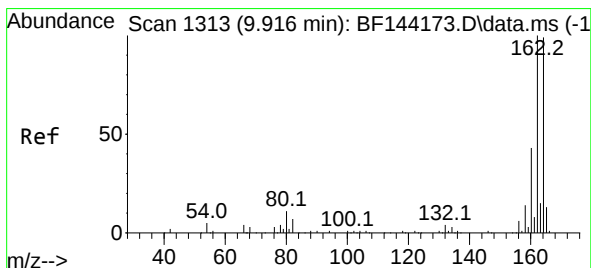
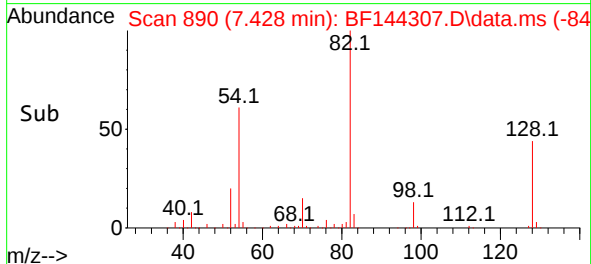
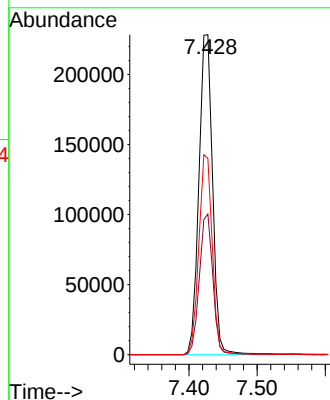
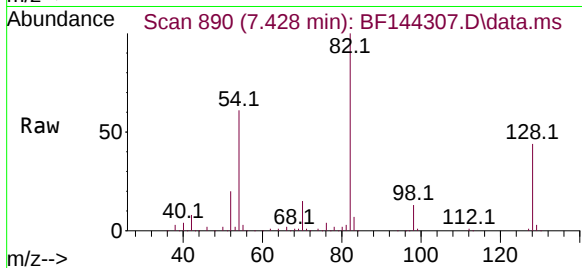
Tgt Ion: 82 Resp: 319220

Ion Ratio Lower Upper

82 100

128 43.9 34.7 52.1

54 61.3 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144307.D

Acq: 21 Nov 2025 14:33

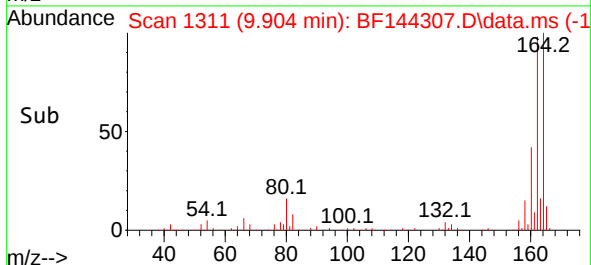
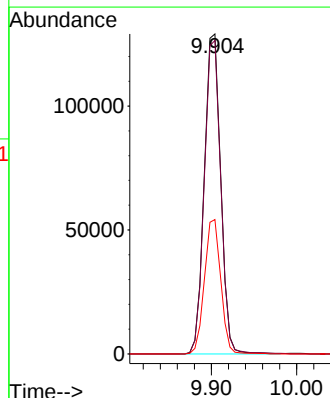
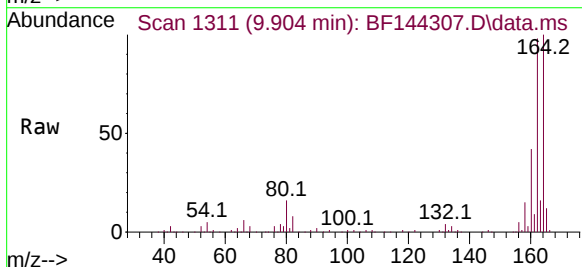
Tgt Ion: 164 Resp: 173062

Ion Ratio Lower Upper

164 100

162 97.9 81.1 121.7

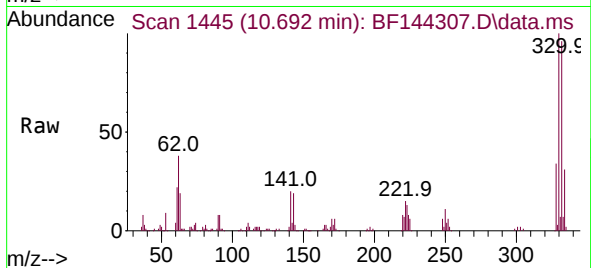
160 42.0 34.5 51.7



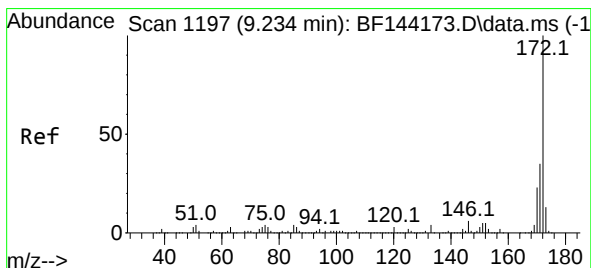
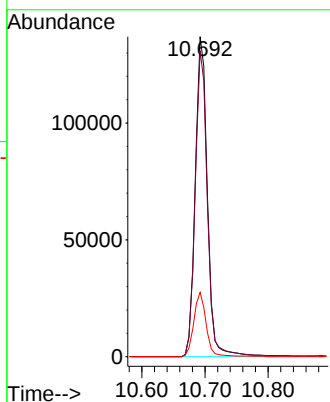
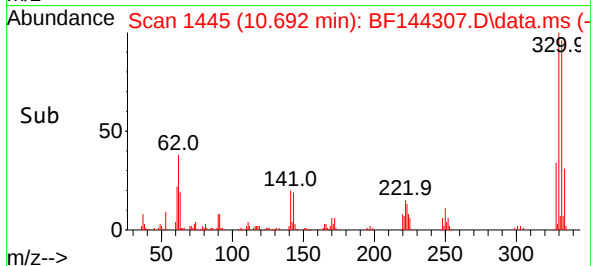


#42  
2,4,6-Tribromophenol  
Concen: 84.621 ng  
RT: 10.692 min Scan# 1445  
Delta R.T. -0.012 min  
Lab File: BF144307.D  
Acq: 21 Nov 2025 14:33

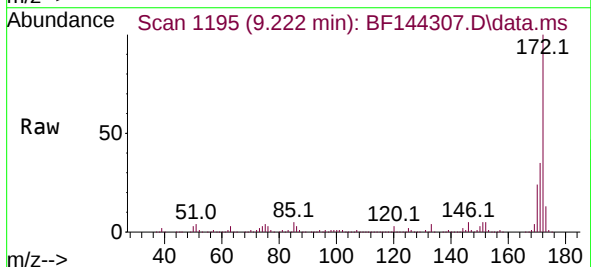
Instrument :  
BNA\_F  
ClientSampleId :  
PB170680BL



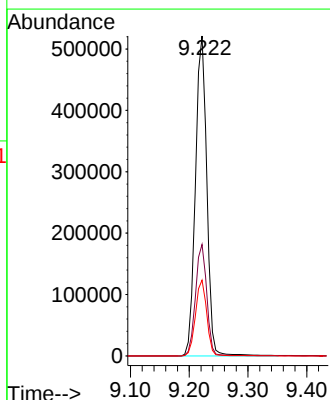
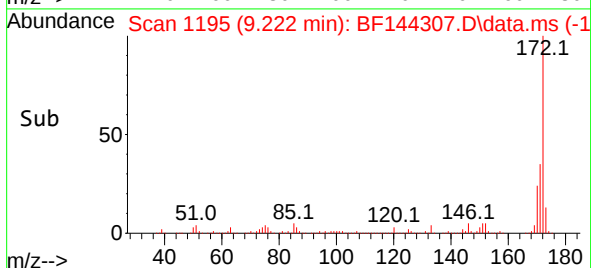
Tgt Ion:330 Resp: 183774  
Ion Ratio Lower Upper  
330 100  
332 96.0 76.7 115.1  
141 20.5 17.8 26.8

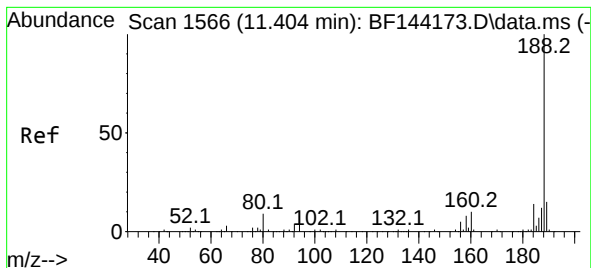


#45  
2-Fluorobiphenyl  
Concen: 59.778 ng  
RT: 9.222 min Scan# 1195  
Delta R.T. -0.006 min  
Lab File: BF144307.D  
Acq: 21 Nov 2025 14:33



Tgt Ion:172 Resp: 700453  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.1 42.1  
170 23.7 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF144307.D

Acq: 21 Nov 2025 14:33

Instrument :

BNA\_F

ClientSampleId :

PB170680BL

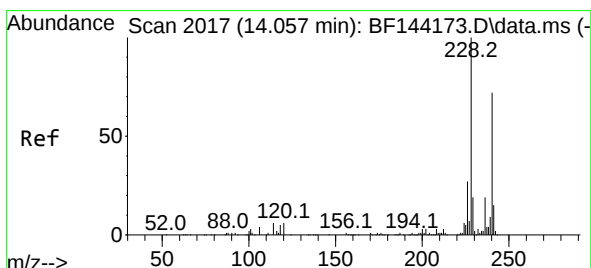
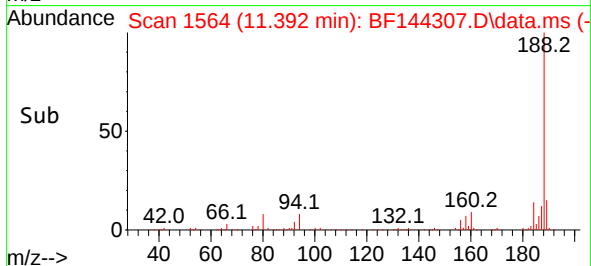
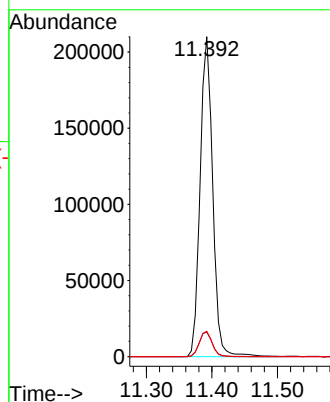
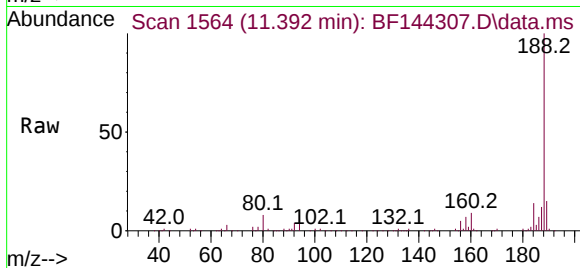
Tgt Ion:188 Resp: 277704

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.2

80 7.9 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF144307.D

Acq: 21 Nov 2025 14:33

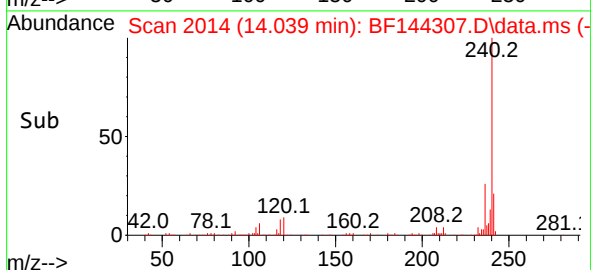
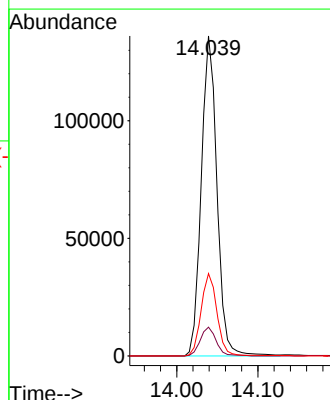
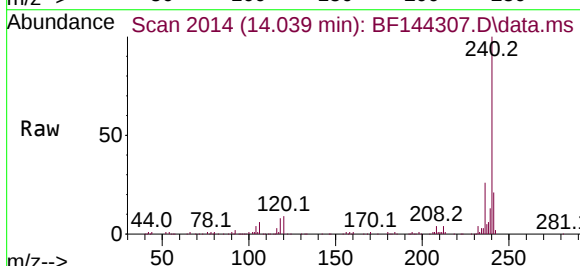
Tgt Ion:240 Resp: 182728

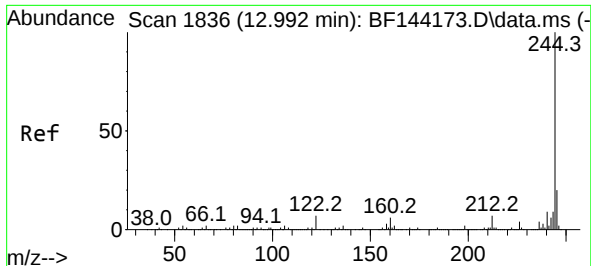
Ion Ratio Lower Upper

240 100

120 9.0 6.6 10.0

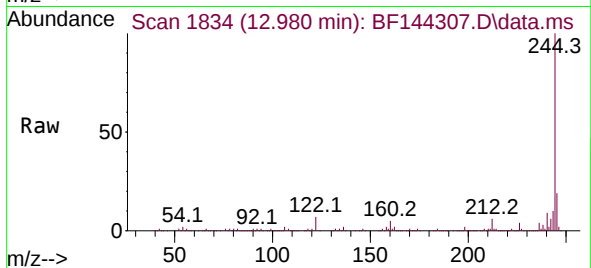
236 25.8 21.4 32.2



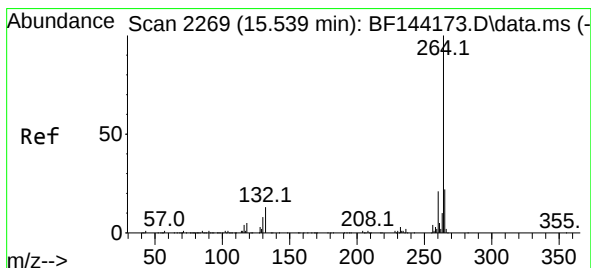
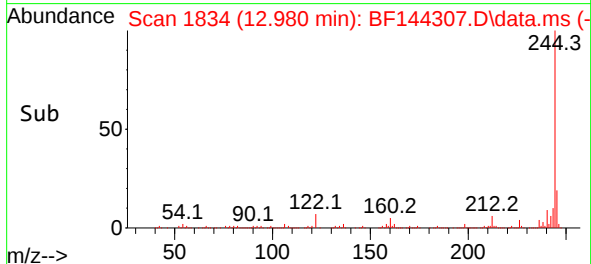
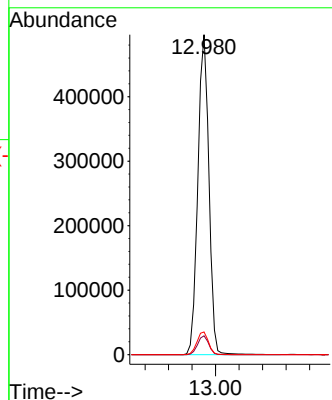


#79  
 Terphenyl-d14  
 Concen: 56.081 ng  
 RT: 12.980 min Scan# 1834  
 Delta R.T. -0.012 min  
 Lab File: BF144307.D  
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Tgt Ion:244 Resp: 645147  
 Ion Ratio Lower Upper  
 244 100  
 212 5.9 5.3 7.9  
 122 7.1 5.6 8.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.521 min Scan# 2266  
 Delta R.T. -0.018 min  
 Lab File: BF144307.D  
 Acq: 21 Nov 2025 14:33

Tgt Ion:264 Resp: 222979  
 Ion Ratio Lower Upper  
 264 100  
 260 22.5 17.1 25.7  
 265 21.5 17.4 26.0

