

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071725\  
 Data File : BF143154.D  
 Acq On : 17 Jul 2025 18:07  
 Operator : RC/JU  
 Sample : PB168816BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168816BL

Quant Time: Jul 17 18:23:45 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 17 15:14:05 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.963  | 152  | 147851   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.239  | 136  | 568198   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.998  | 164  | 296501   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.480 | 188  | 516813   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.116 | 240  | 288942   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.621 | 264  | 298268   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.598  | 112  | 1066912  | 114.193 | ng    | 0.01     |
| 7) Phenol-d6                | 6.581  | 99   | 1348841  | 114.697 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.516  | 82   | 882845   | 77.450  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.786 | 330  | 379327   | 123.841 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.316  | 172  | 1627472  | 75.068  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.069 | 244  | 1565893  | 80.647  | ng    | 0.00     |

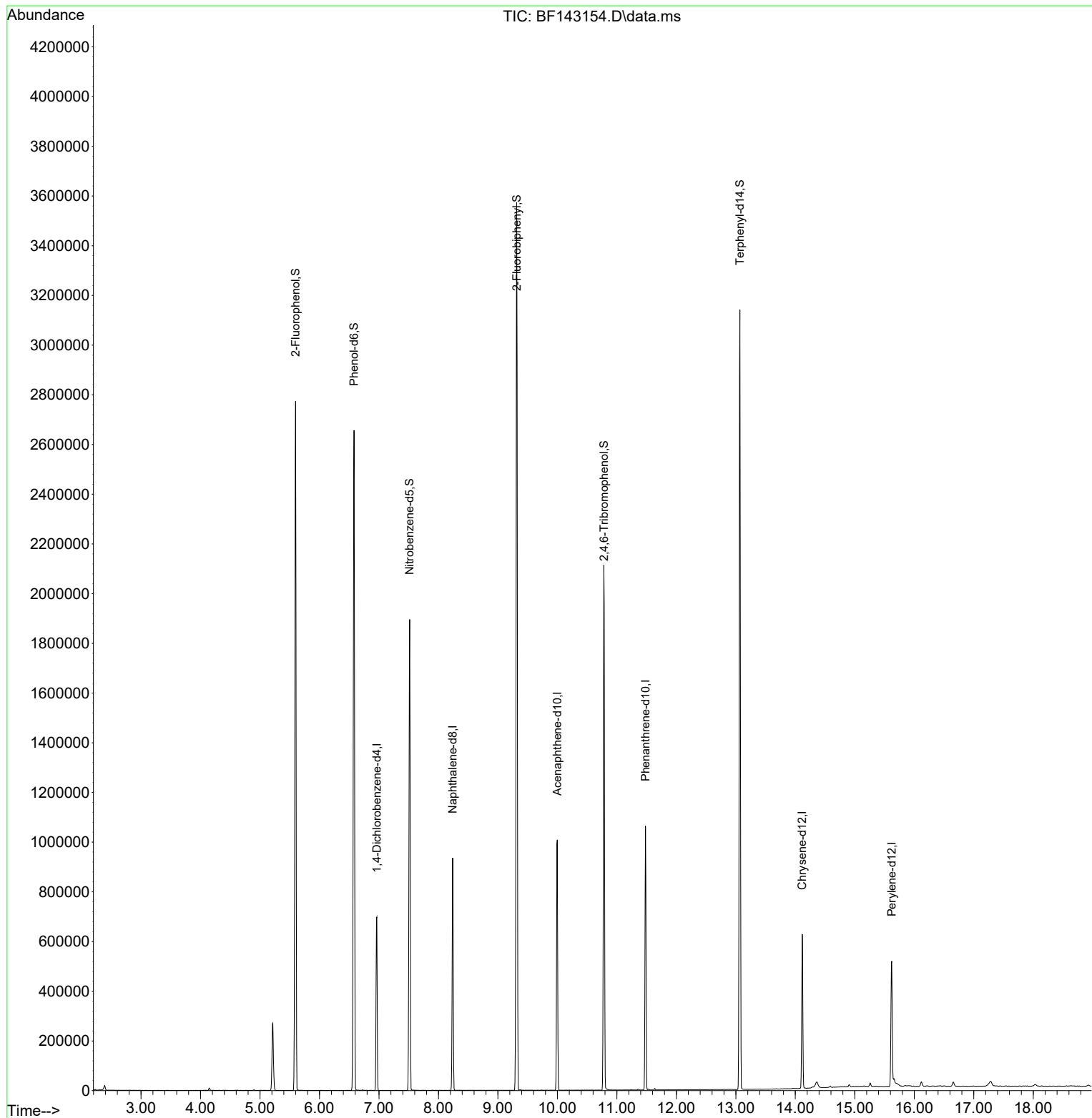
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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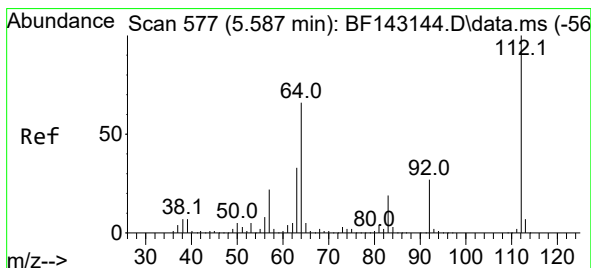
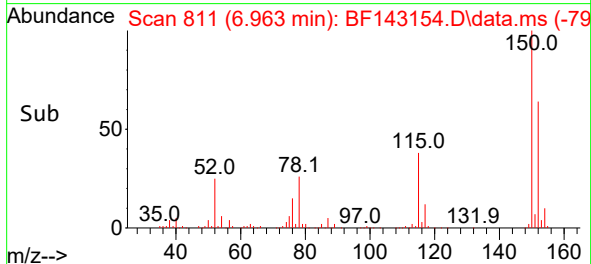
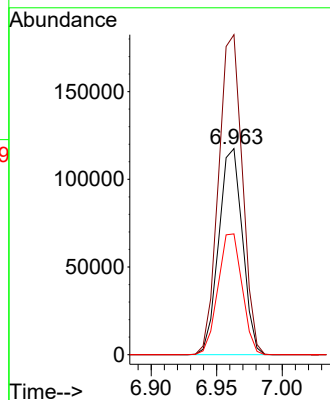
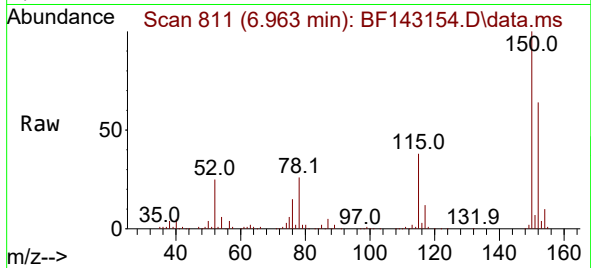




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.963 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF143154.D  
Acq: 17 Jul 2025 18:07

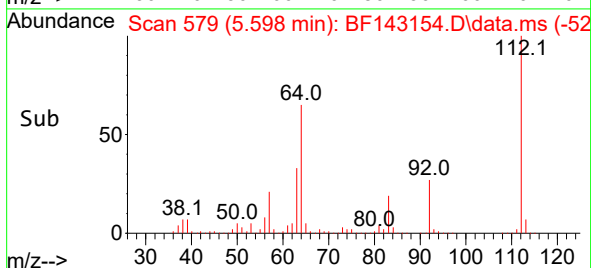
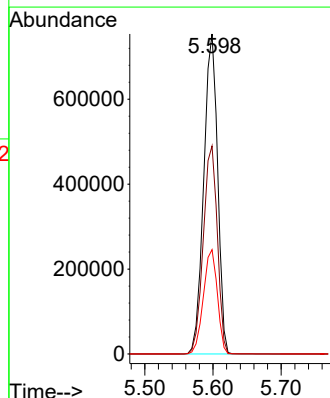
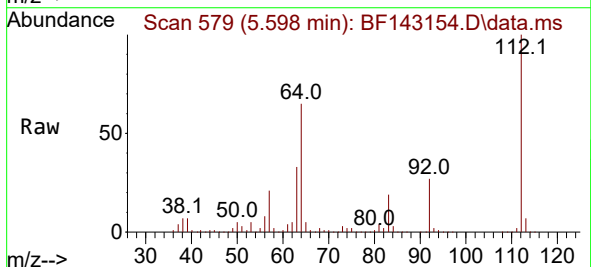
Instrument :  
BNA\_F  
ClientSampleId :  
PB168816BL

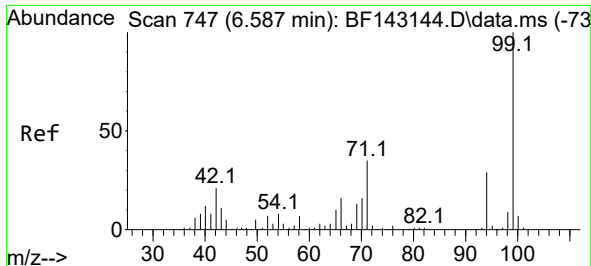
Tgt Ion:152 Resp: 147851  
Ion Ratio Lower Upper  
152 100  
150 155.2 128.2 192.4  
115 58.6 47.9 71.9



#5  
2-Fluorophenol  
Concen: 114.193 ng  
RT: 5.598 min Scan# 579  
Delta R.T. 0.012 min  
Lab File: BF143154.D  
Acq: 17 Jul 2025 18:07

Tgt Ion:112 Resp: 1066912  
Ion Ratio Lower Upper  
112 100  
64 65.0 53.1 79.7  
63 32.6 26.6 40.0

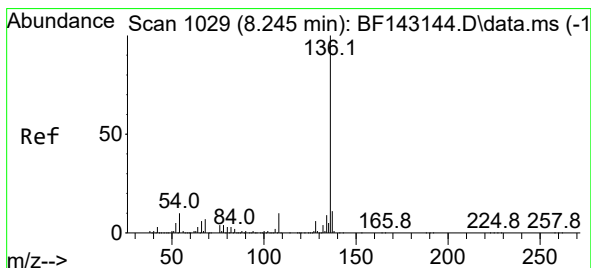
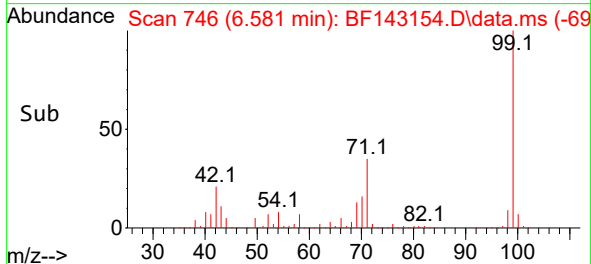
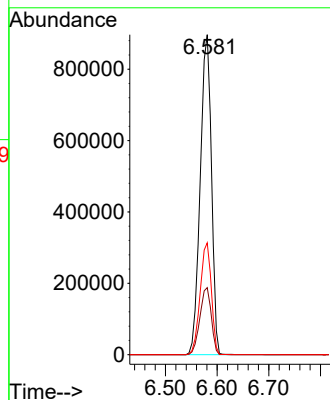
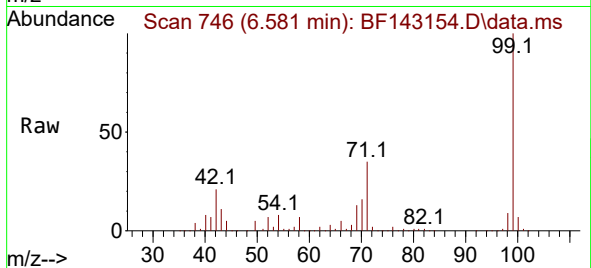




#7  
Phenol-d6  
Concen: 114.697 ng  
RT: 6.581 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF143154.D  
Acq: 17 Jul 2025 18:07

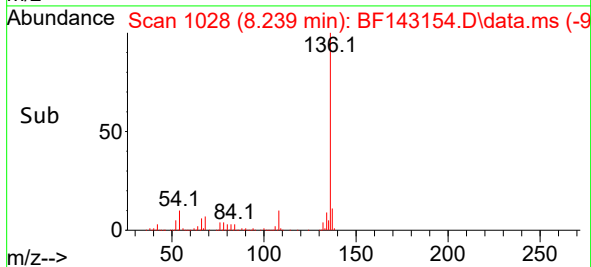
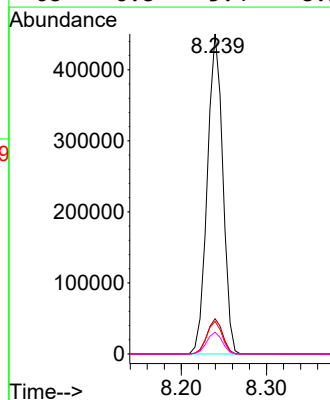
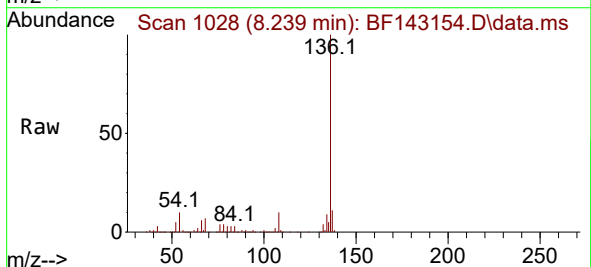
Instrument :  
BNA\_F  
ClientSampleId :  
PB168816BL

Tgt Ion: 99 Resp: 1348841  
Ion Ratio Lower Upper  
99 100  
42 20.9 17.0 25.6  
71 35.0 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BF143154.D  
Acq: 17 Jul 2025 18:07

Tgt Ion: 136 Resp: 568198  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 10.2 8.2 12.2  
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 77.450 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143154.D

Acq: 17 Jul 2025 18:07

Instrument :

BNA\_F

ClientSampleId :

PB168816BL

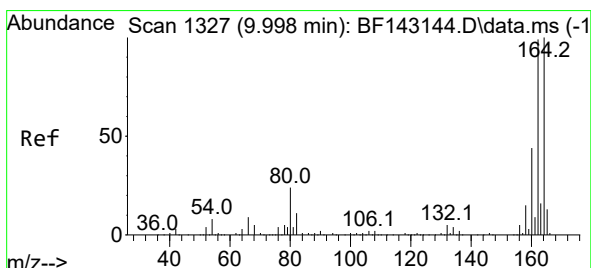
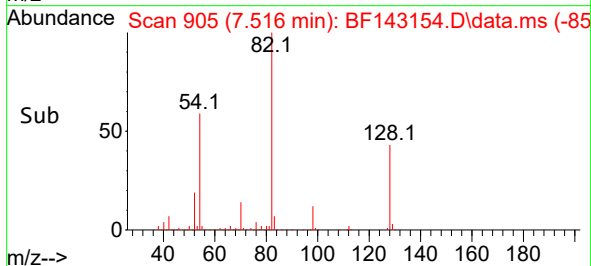
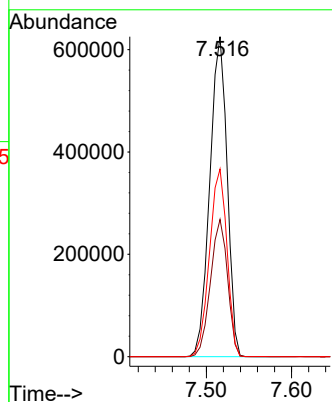
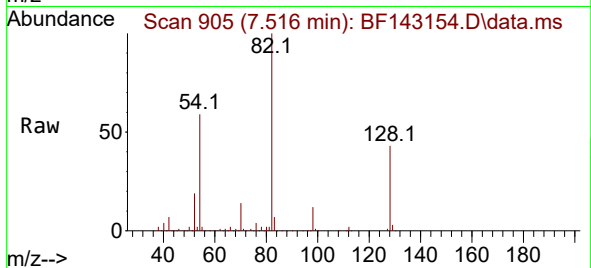
Tgt Ion: 82 Resp: 882845

Ion Ratio Lower Upper

82 100

128 42.9 33.6 50.4

54 58.7 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143154.D

Acq: 17 Jul 2025 18:07

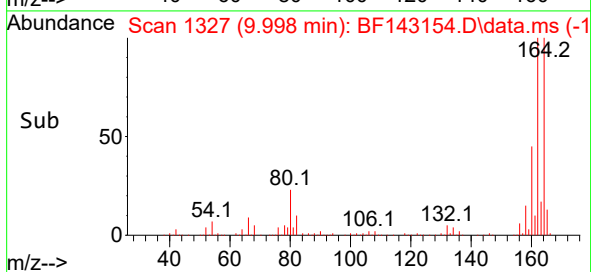
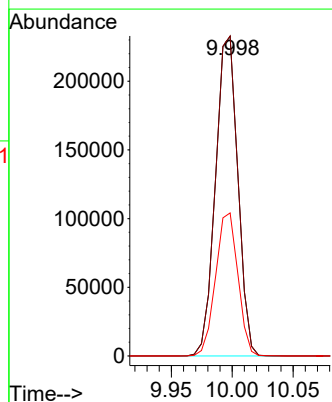
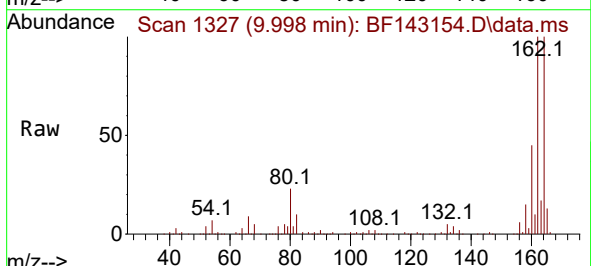
Tgt Ion: 164 Resp: 296501

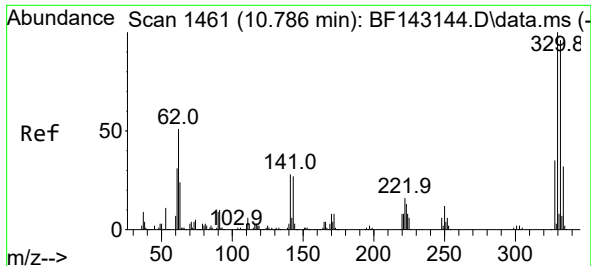
Ion Ratio Lower Upper

164 100

162 100.1 79.0 118.6

160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 123.841 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143154.D

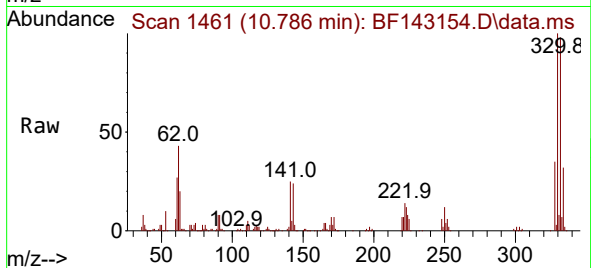
Acq: 17 Jul 2025 18:07

Instrument :

BNA\_F

ClientSampleId :

PB168816BL



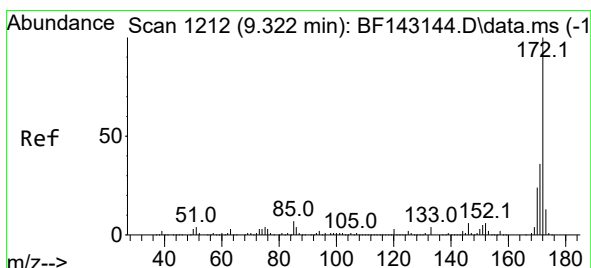
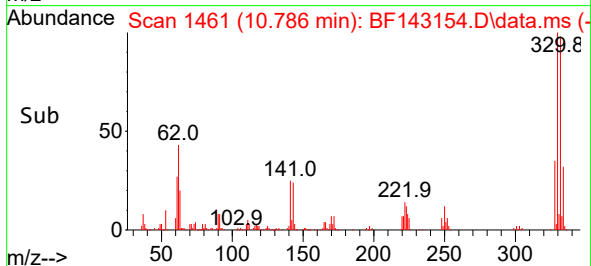
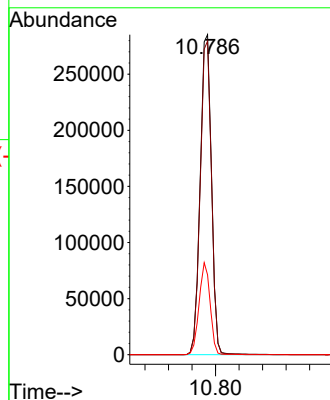
Tgt Ion:330 Resp: 379327

Ion Ratio Lower Upper

330 100

332 97.7 76.7 115.1

141 28.2 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 75.068 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143154.D

Acq: 17 Jul 2025 18:07

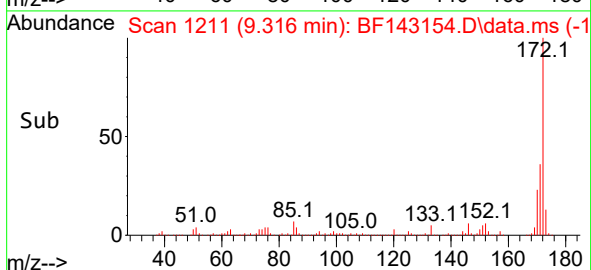
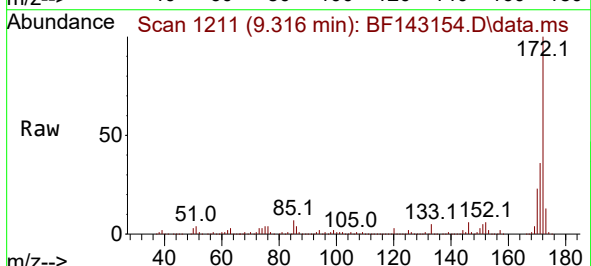
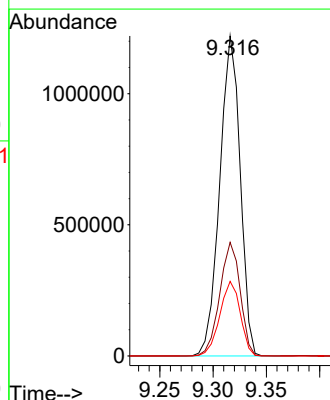
Tgt Ion:172 Resp: 1627472

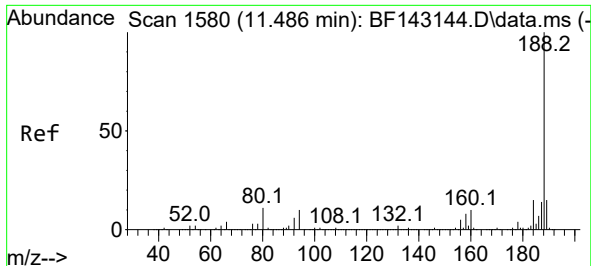
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.3 18.8 28.2

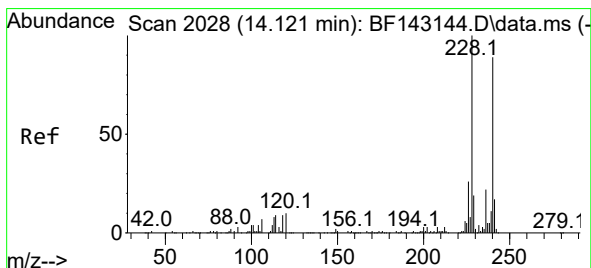
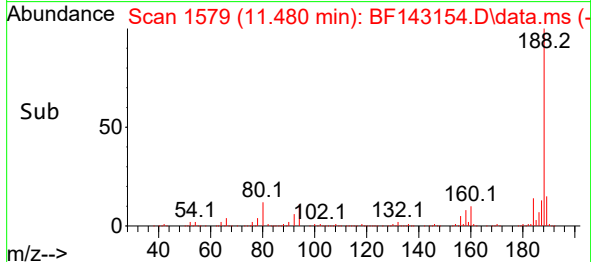
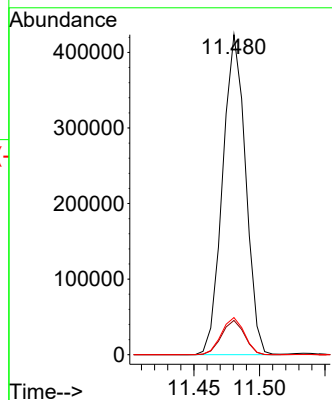
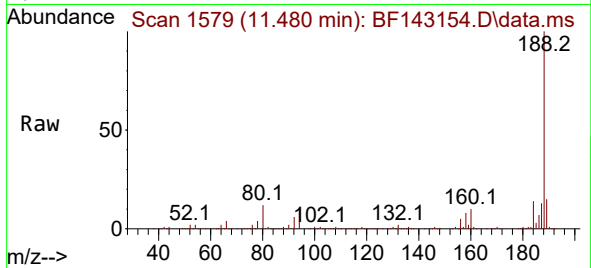




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.480 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF143154.D  
Acq: 17 Jul 2025 18:07

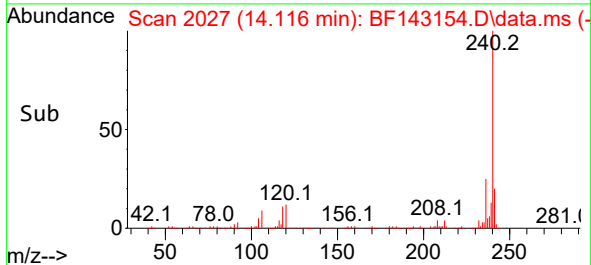
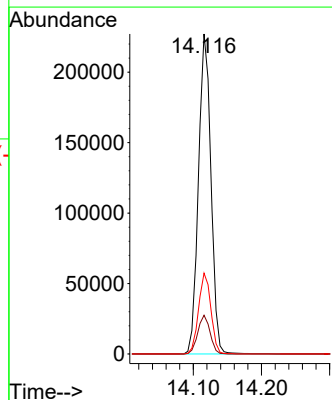
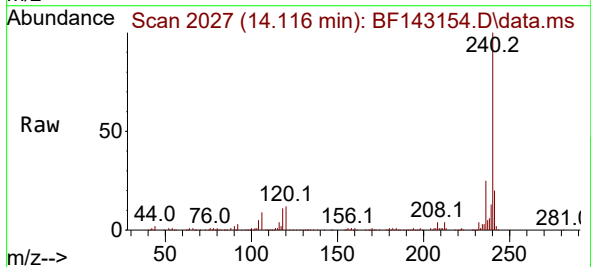
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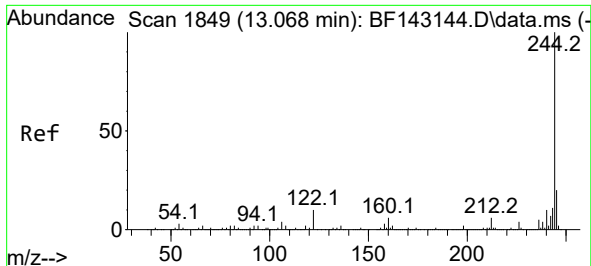
Tgt Ion:188 Resp: 516813  
Ion Ratio Lower Upper  
188 100  
94 10.7 8.3 12.5  
80 11.6 9.0 13.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.116 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF143154.D  
Acq: 17 Jul 2025 18:07

Tgt Ion:240 Resp: 288942  
Ion Ratio Lower Upper  
240 100  
120 12.1 9.4 14.2  
236 25.3 20.2 30.4

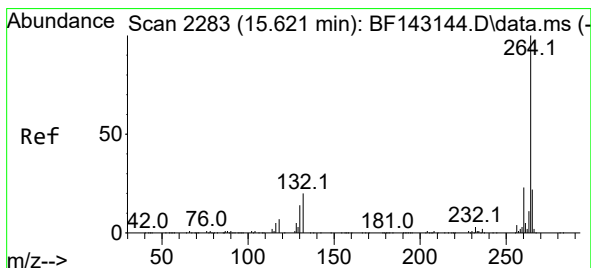
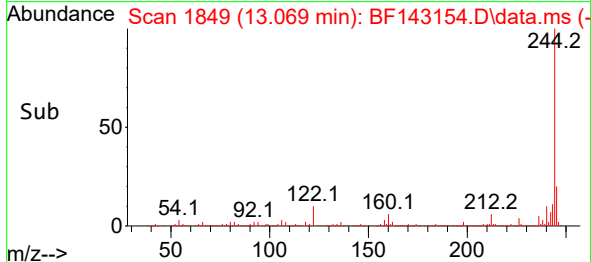
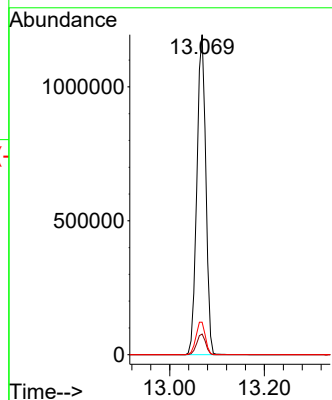
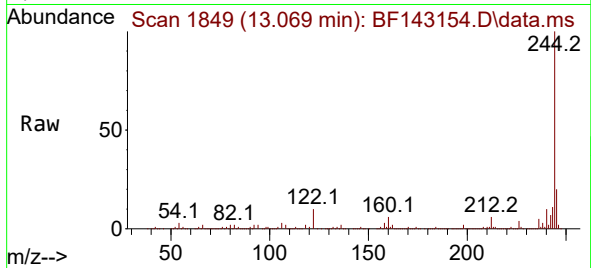




#79  
 Terphenyl-d14  
 Concen: 80.647 ng  
 RT: 13.069 min Scan# 1849  
 Delta R.T. 0.000 min  
 Lab File: BF143154.D  
 Acq: 17 Jul 2025 18:07

Instrument :  
 BNA\_F  
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 PB168816BL

Tgt Ion:244 Resp: 1565893  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.2 7.8  
 122 10.2 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.621 min Scan# 2283  
 Delta R.T. 0.000 min  
 Lab File: BF143154.D  
 Acq: 17 Jul 2025 18:07

Tgt Ion:264 Resp: 298268  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.5 27.7  
 265 21.3 17.4 26.2

