

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072125\  
 Data File : BF143174.D  
 Acq On : 21 Jul 2025 16:28  
 Operator : RC/JU  
 Sample : Q2651-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH 8-7

Quant Time: Jul 21 16:49:29 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  | 141875   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.239  | 136  | 527265   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.998  | 164  | 244037   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.480 | 188  | 323422   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.121 | 240  | 273124   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.621 | 264  | 185637   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.587  | 112  | 623567   | 69.552 | ng    | 0.00     |
| 7) Phenol-d6                | 6.581  | 99   | 810797   | 71.849 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.516  | 82   | 494221   | 46.723 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.780 | 330  | 162731   | 64.549 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.316  | 172  | 942986   | 52.846 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.069 | 244  | 722517   | 39.366 | ng    | 0.00     |

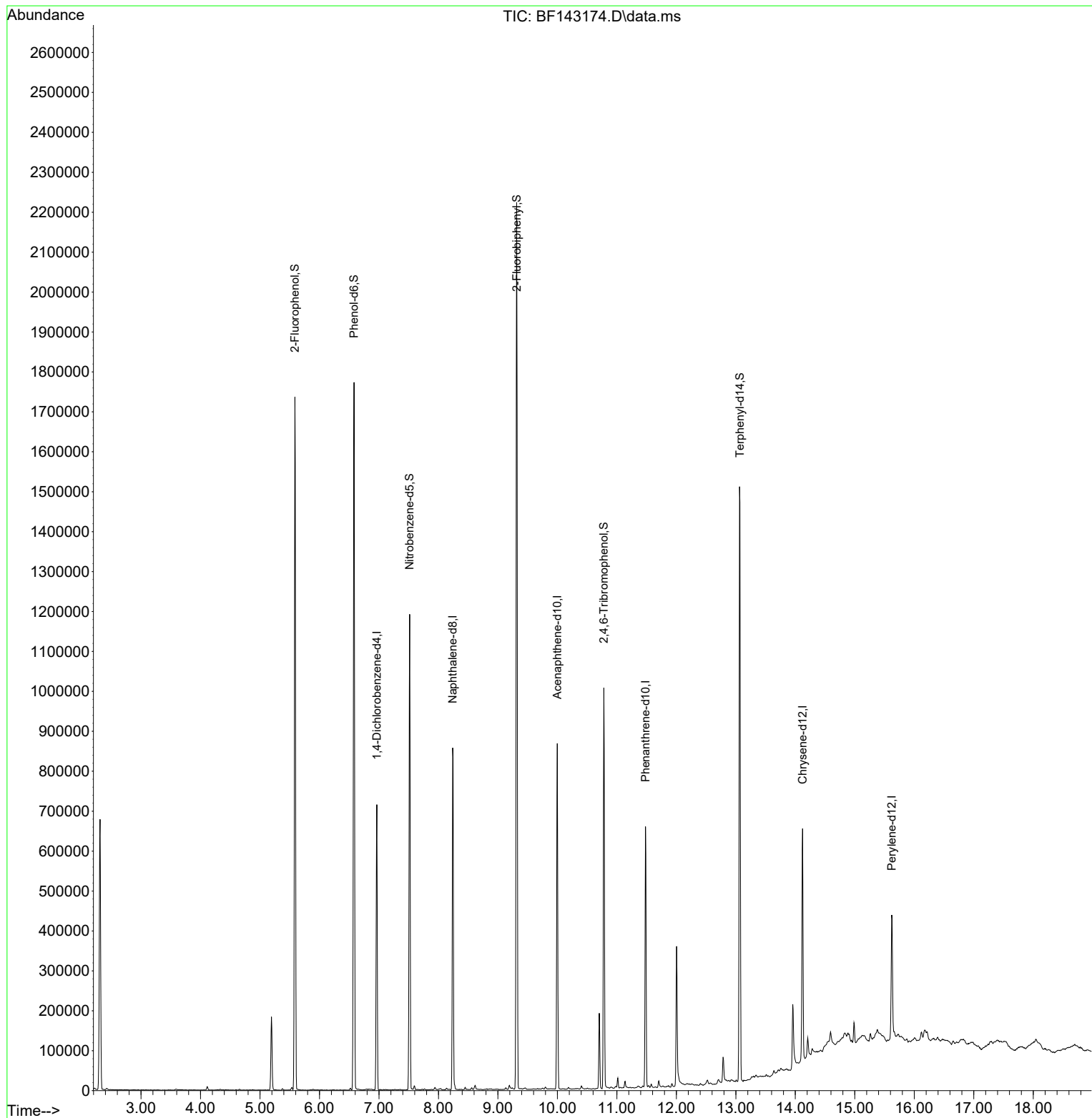
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

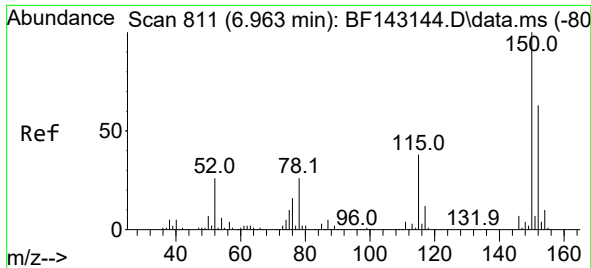
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 17 15:14:05 2025  
Response via : Initial Calibration

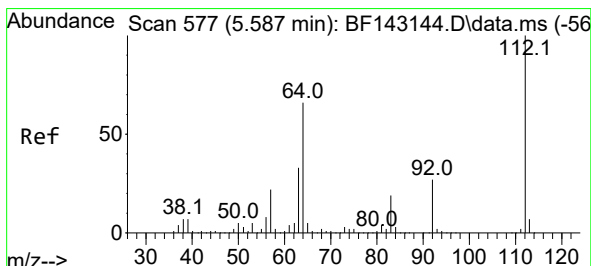
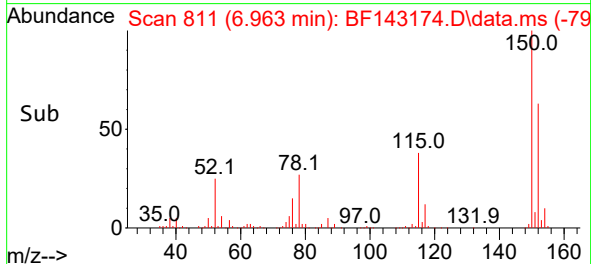
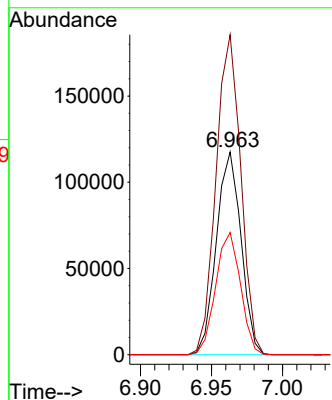
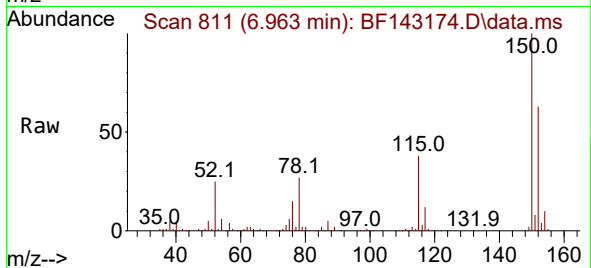




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.963 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF143174.D  
Acq: 21 Jul 2025 16:28

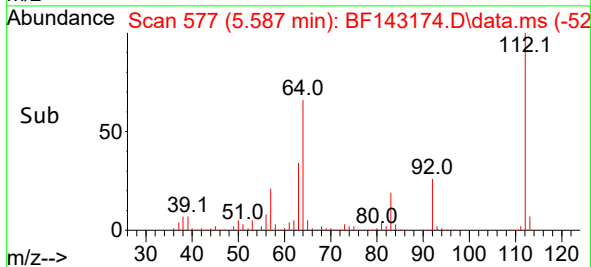
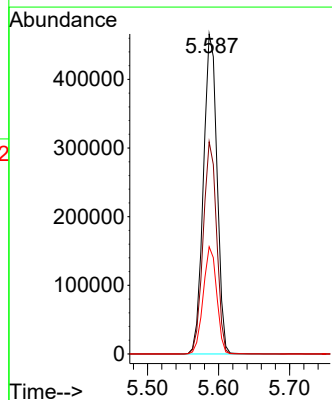
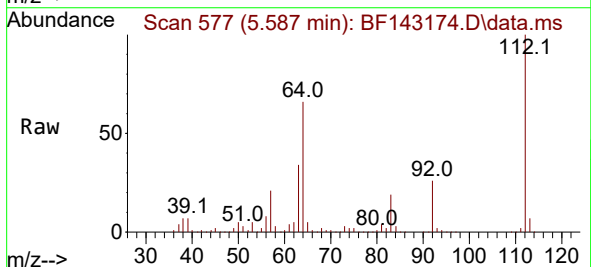
Instrument :  
BNA\_F  
ClientSampleId :  
MH 8-7

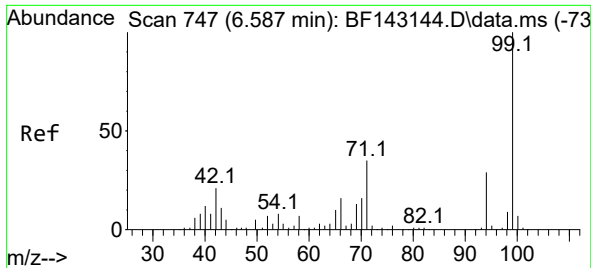
Tgt Ion:152 Resp: 141875  
Ion Ratio Lower Upper  
152 100  
150 157.8 128.2 192.4  
115 60.3 47.9 71.9



#5  
2-Fluorophenol  
Concen: 69.552 ng  
RT: 5.587 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: BF143174.D  
Acq: 21 Jul 2025 16:28

Tgt Ion:112 Resp: 623567  
Ion Ratio Lower Upper  
112 100  
64 66.3 53.1 79.7  
63 33.5 26.6 40.0

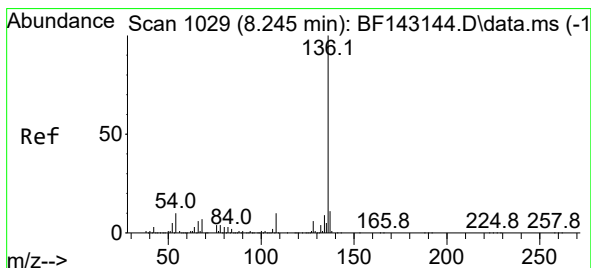
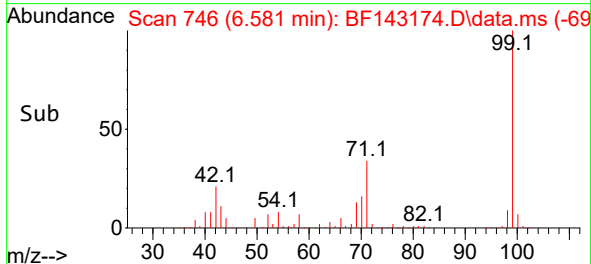
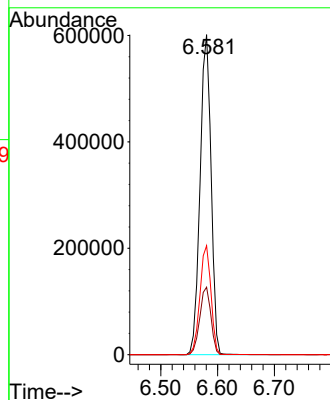
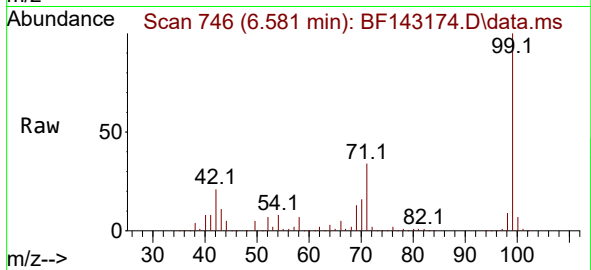




#7  
Phenol-d6  
Concen: 71.849 ng  
RT: 6.581 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BF143174.D  
Acq: 21 Jul 2025 16:28

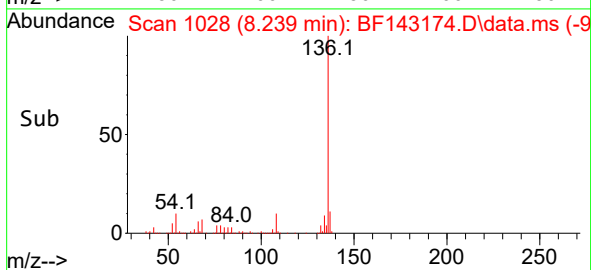
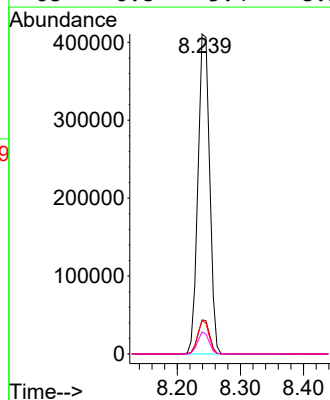
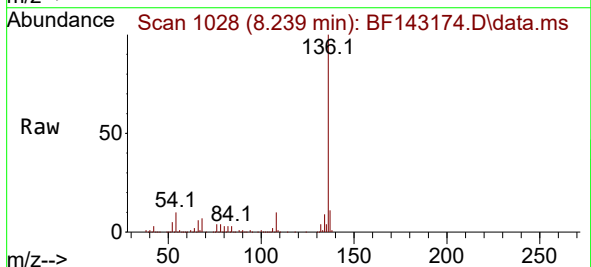
Instrument :  
BNA\_F  
ClientSampleId :  
MH 8-7

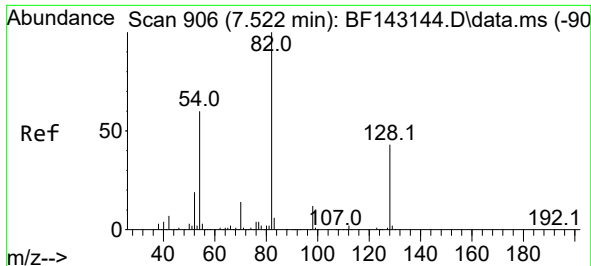
Tgt Ion: 99 Resp: 810797  
Ion Ratio Lower Upper  
99 100  
42 21.1 17.0 25.6  
71 34.0 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BF143174.D  
Acq: 21 Jul 2025 16:28

Tgt Ion: 136 Resp: 527265  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 10.5 8.2 12.2  
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 46.723 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143174.D

Acq: 21 Jul 2025 16:28

Instrument :

BNA\_F

ClientSampleId :

MH 8-7

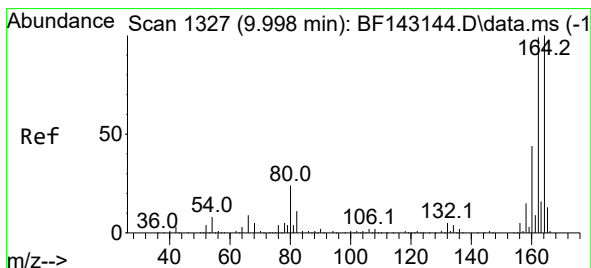
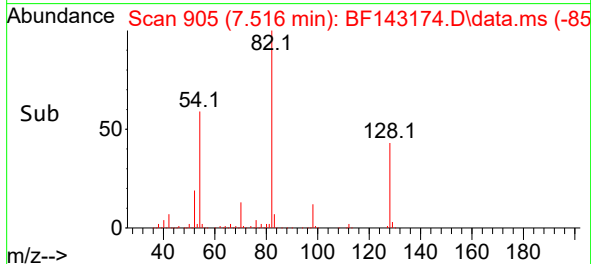
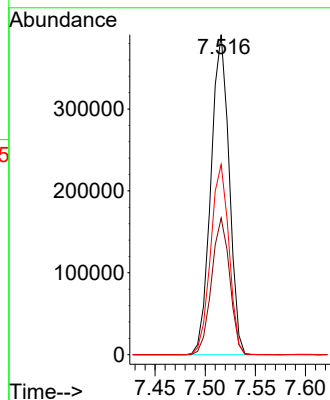
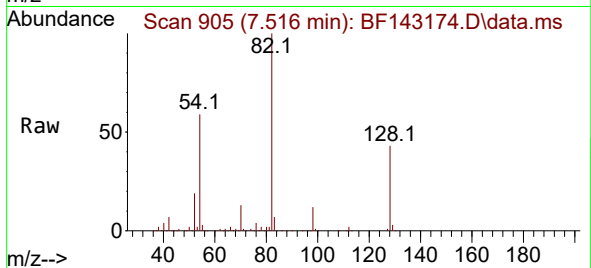
Tgt Ion: 82 Resp: 494221

Ion Ratio Lower Upper

82 100

128 42.7 33.6 50.4

54 59.4 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: BF143174.D

Acq: 21 Jul 2025 16:28

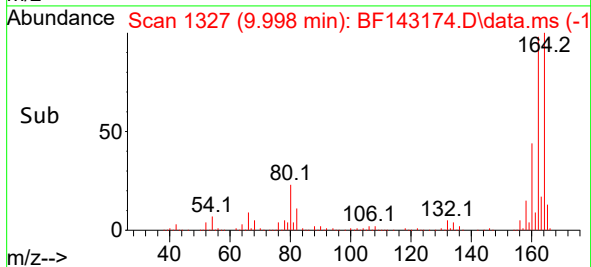
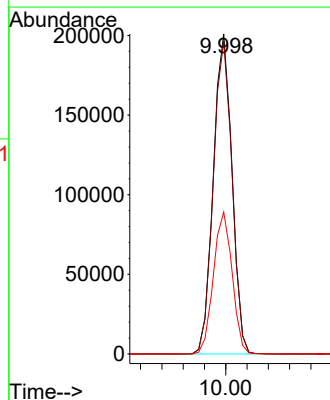
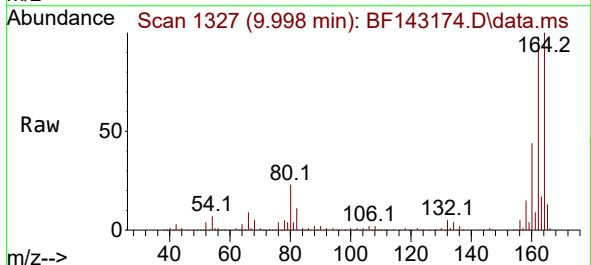
Tgt Ion:164 Resp: 244037

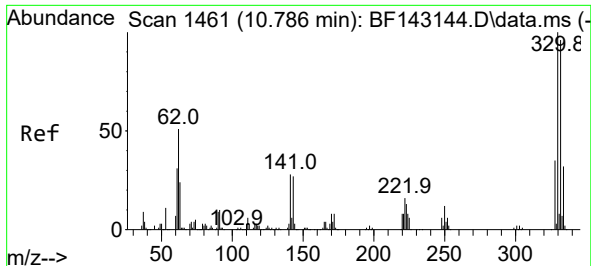
Ion Ratio Lower Upper

164 100

162 97.7 79.0 118.6

160 44.4 35.1 52.7

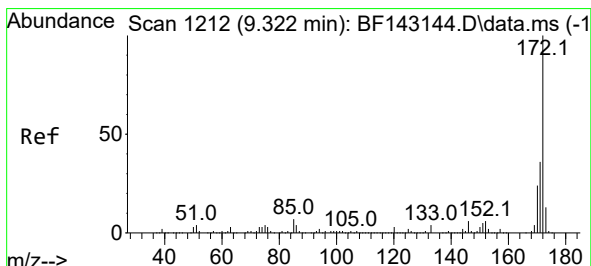
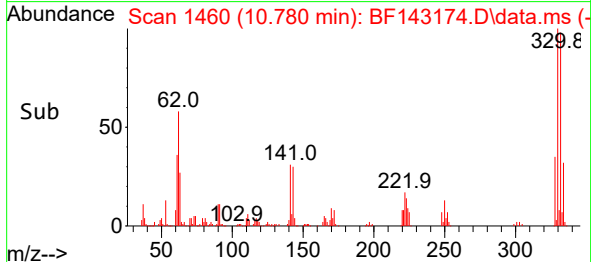
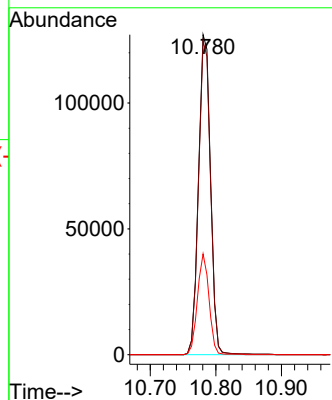
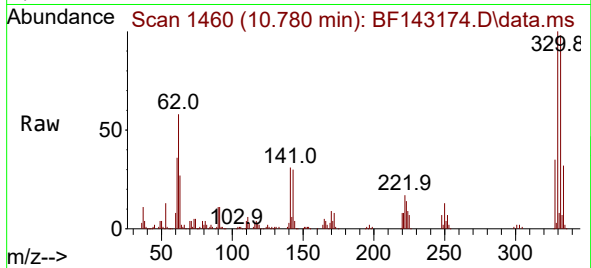




#42  
2,4,6-Tribromophenol  
Concen: 64.549 ng  
RT: 10.780 min Scan# 1461  
Delta R.T. -0.006 min  
Lab File: BF143174.D  
Acq: 21 Jul 2025 16:28

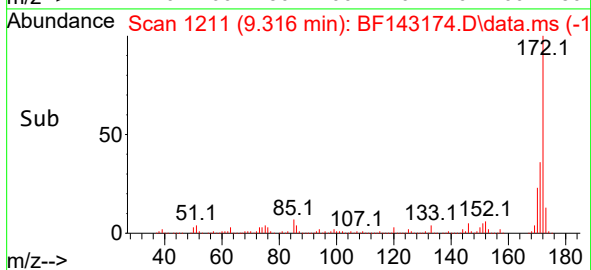
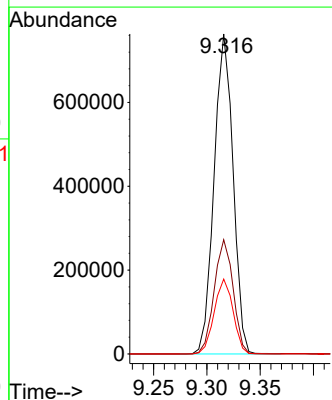
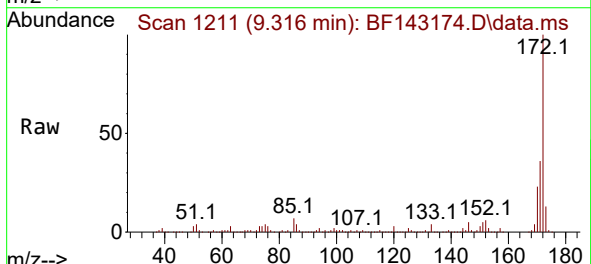
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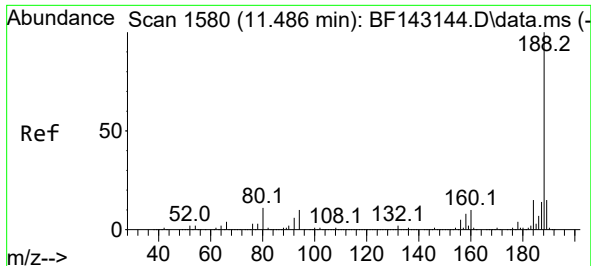
Tgt Ion:330 Resp: 162731  
Ion Ratio Lower Upper  
330 100  
332 97.6 76.7 115.1  
141 30.2 23.3 34.9



#45  
2-Fluorobiphenyl  
Concen: 52.846 ng  
RT: 9.316 min Scan# 1211  
Delta R.T. -0.006 min  
Lab File: BF143174.D  
Acq: 21 Jul 2025 16:28

Tgt Ion:172 Resp: 942986  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.6 42.8  
170 23.4 18.8 28.2

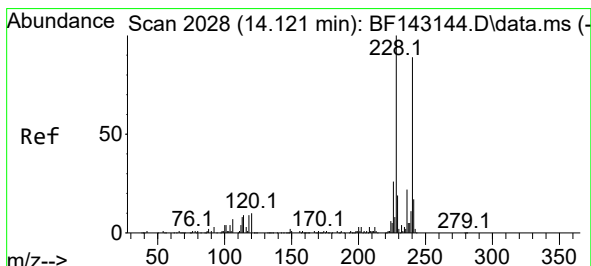
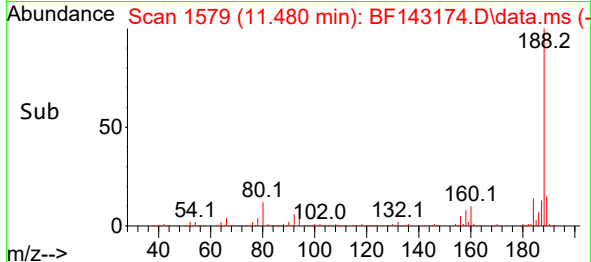
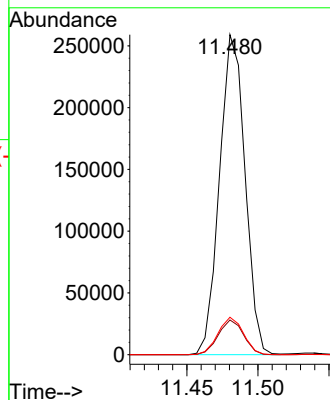
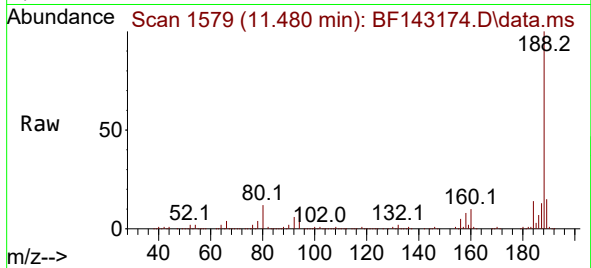




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.480 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF143174.D  
Acq: 21 Jul 2025 16:28

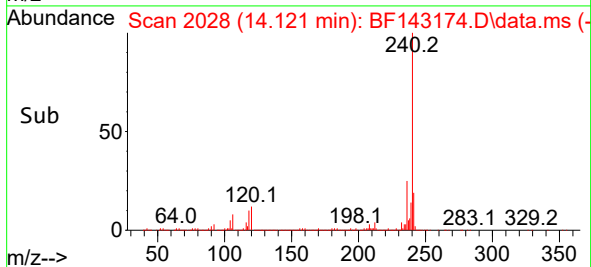
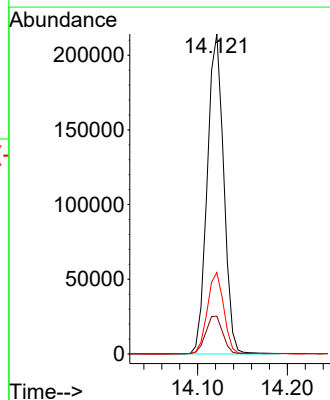
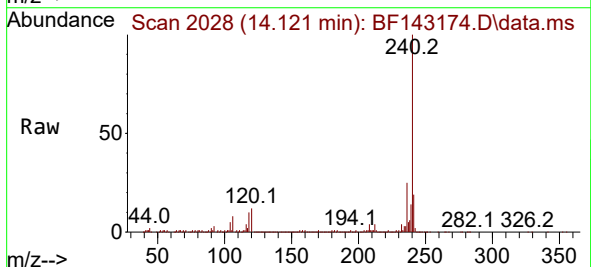
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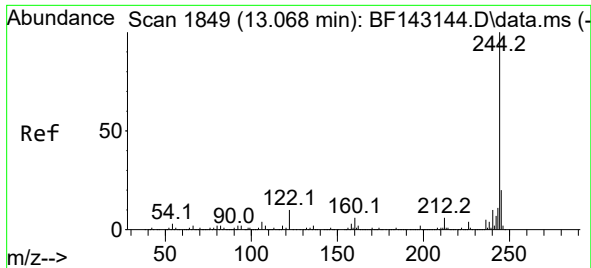
Tgt Ion:188 Resp: 323422  
Ion Ratio Lower Upper  
188 100  
94 10.8 8.3 12.5  
80 11.7 9.0 13.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.121 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF143174.D  
Acq: 21 Jul 2025 16:28

Tgt Ion:240 Resp: 273124  
Ion Ratio Lower Upper  
240 100  
120 11.8 9.4 14.2  
236 25.5 20.2 30.4

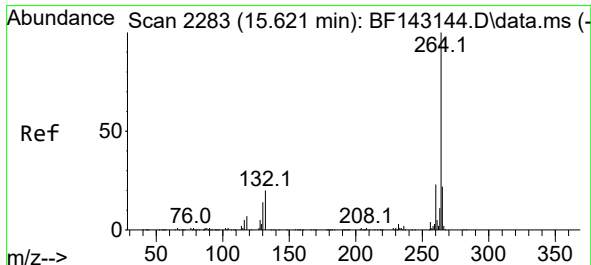
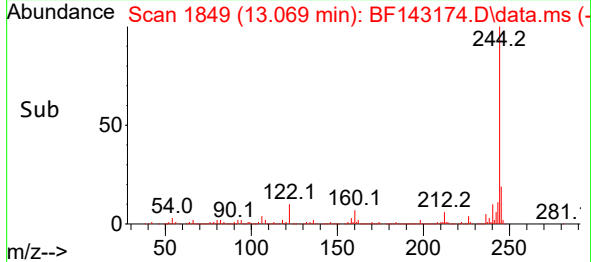
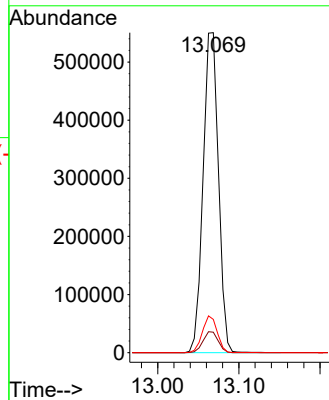
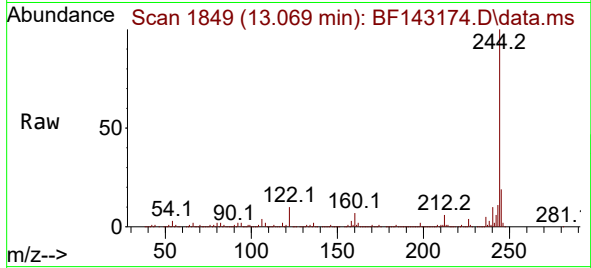




#79  
 Terphenyl-d14  
 Concen: 39.366 ng  
 RT: 13.069 min Scan# 1849  
 Delta R.T. 0.000 min  
 Lab File: BF143174.D  
 Acq: 21 Jul 2025 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH 8-7

Tgt Ion:244 Resp: 722517  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.2 7.8  
 122 10.4 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: BF143174.D  
 Acq: 21 Jul 2025 16:28

Tgt Ion:264 Resp: 185637  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.5 27.7  
 265 22.0 17.4 26.2

