

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072125\  
 Data File : BF143175.D  
 Acq On : 21 Jul 2025 16:58  
 Operator : RC/JU  
 Sample : Q2651-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH 9-8

Quant Time: Jul 21 17:29:34 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  | 134165   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.240  | 136  | 475638   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.998  | 164  | 208826   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.480 | 188  | 294164   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.121 | 240  | 252469   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.627 | 264  | 168445   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.587  | 112  | 502178   | 59.231 | ng    | 0.00     |
| 7) Phenol-d6                | 6.581  | 99   | 629286   | 58.969 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.516  | 82   | 389282   | 40.797 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.781 | 330  | 116869   | 54.174 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.316  | 172  | 708994   | 46.433 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.063 | 244  | 599687   | 35.347 | ng    | 0.00     |

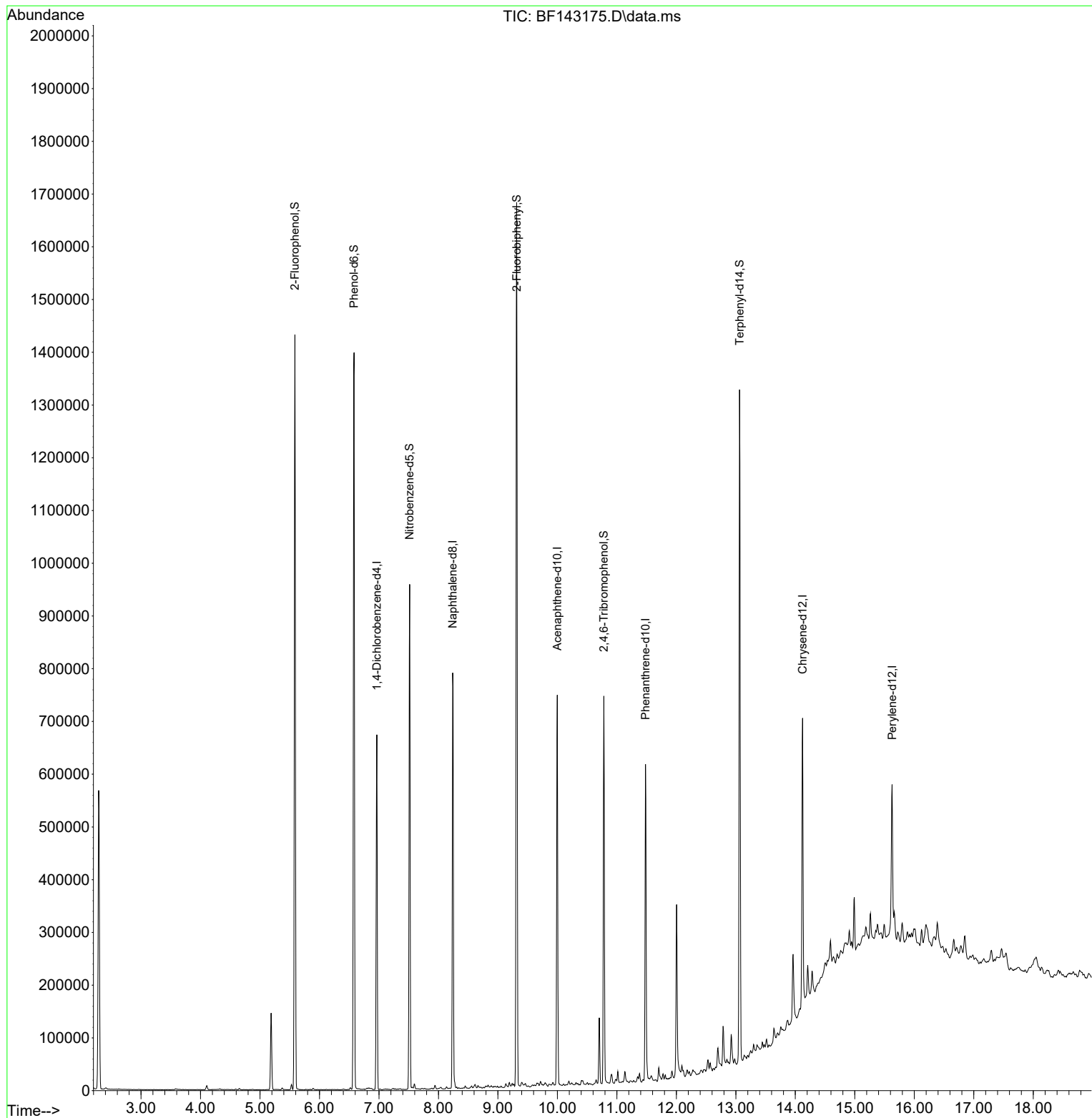
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

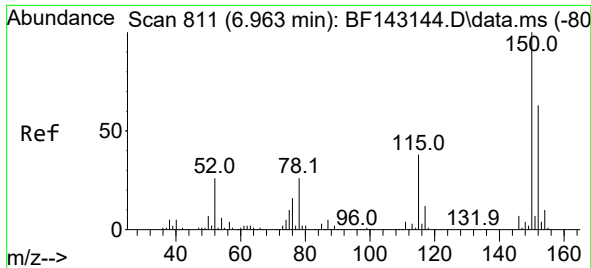
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q2651-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Response via : Initial Calibration

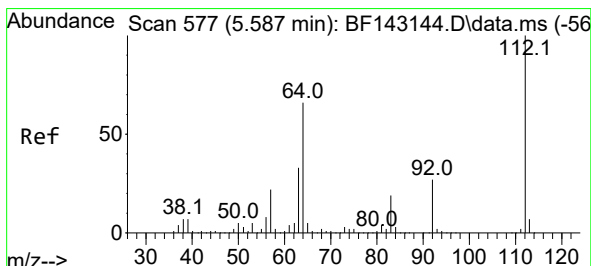
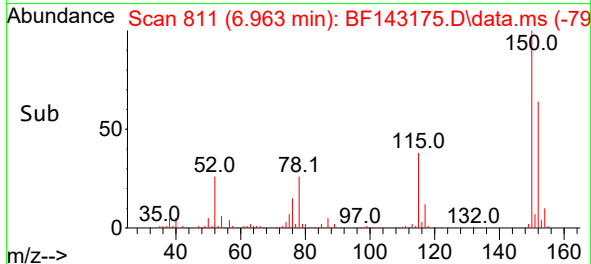
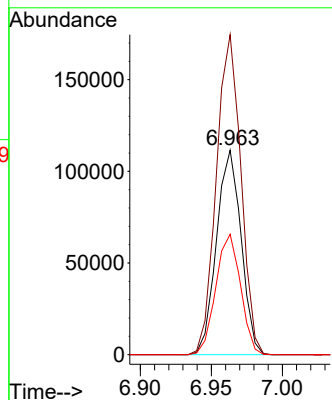
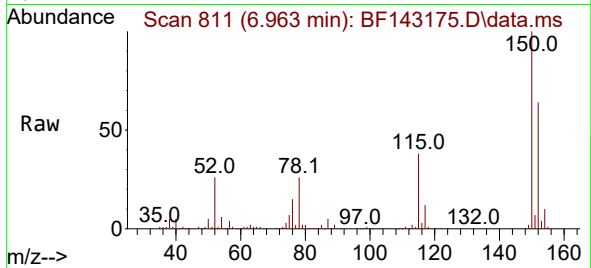




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.963 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF143175.D  
Acq: 21 Jul 2025 16:58

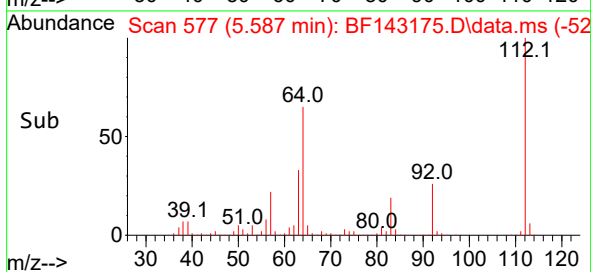
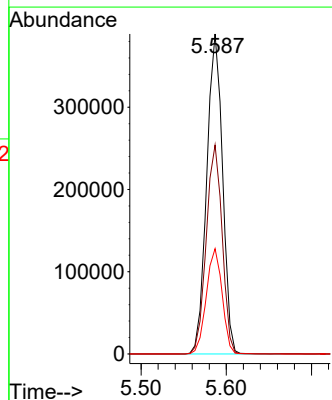
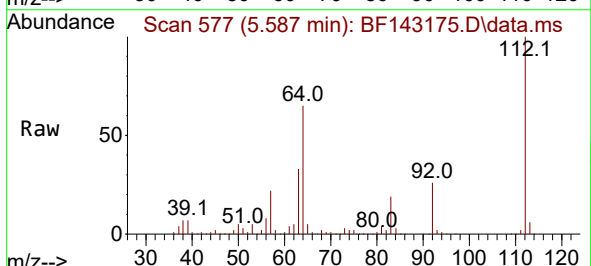
Instrument :  
BNA\_F  
ClientSampleId :  
MH 9-8

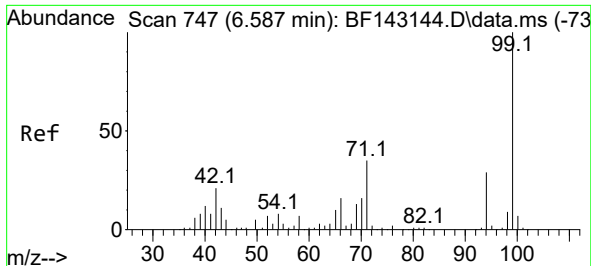
Tgt Ion:152 Resp: 134165  
Ion Ratio Lower Upper  
152 100  
150 156.5 128.2 192.4  
115 58.9 47.9 71.9



#5  
2-Fluorophenol  
Concen: 59.231 ng  
RT: 5.587 min Scan# 577  
Delta R.T. 0.000 min  
Lab File: BF143175.D  
Acq: 21 Jul 2025 16:58

Tgt Ion:112 Resp: 502178  
Ion Ratio Lower Upper  
112 100  
64 65.3 53.1 79.7  
63 32.9 26.6 40.0

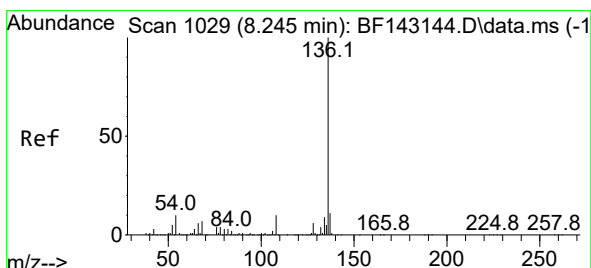
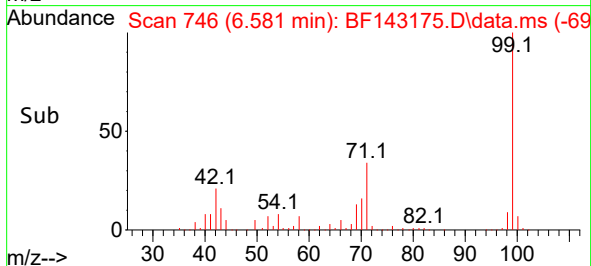
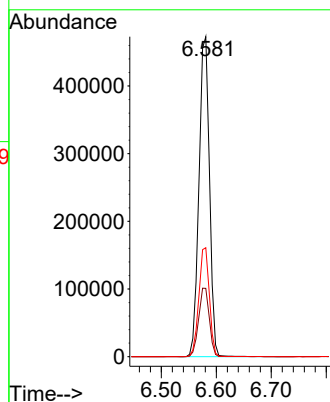
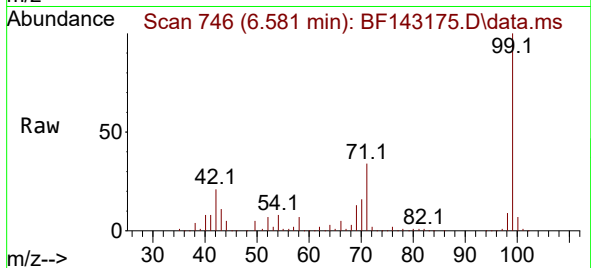




#7  
Phenol-d6  
Concen: 58.969 ng  
RT: 6.581 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF143175.D  
Acq: 21 Jul 2025 16:58

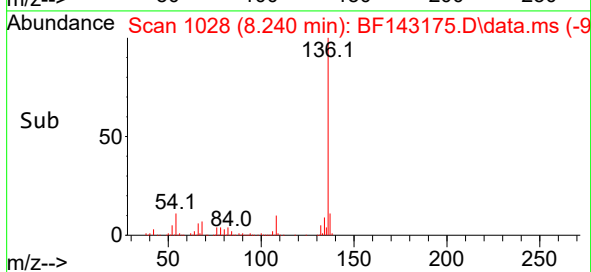
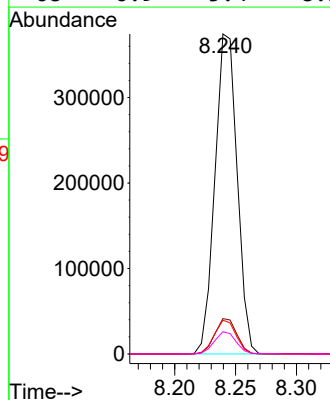
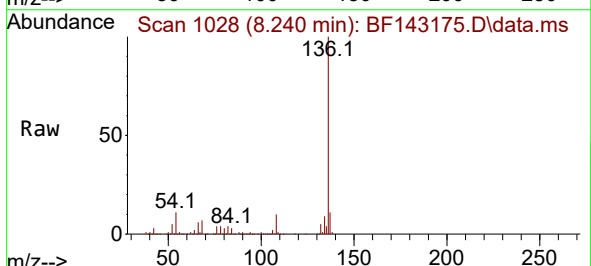
Instrument :  
BNA\_F  
ClientSampleId :  
MH 9-8

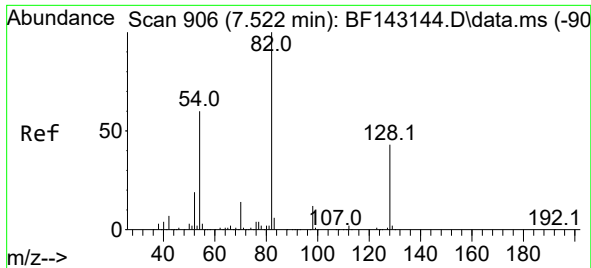
Tgt Ion: 99 Resp: 629286  
Ion Ratio Lower Upper  
99 100  
42 21.3 17.0 25.6  
71 34.0 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.240 min Scan# 1028  
Delta R.T. -0.005 min  
Lab File: BF143175.D  
Acq: 21 Jul 2025 16:58

Tgt Ion: 136 Resp: 475638  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 10.6 8.2 12.2  
68 6.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 40.797 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143175.D

Acq: 21 Jul 2025 16:58

Instrument :

BNA\_F

ClientSampleId :

MH 9-8

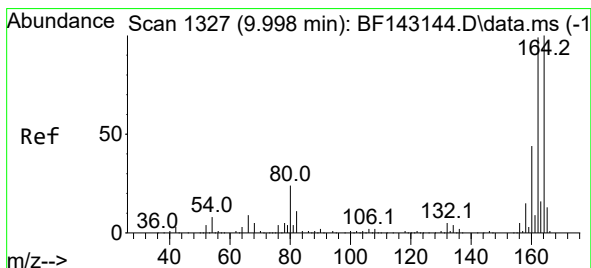
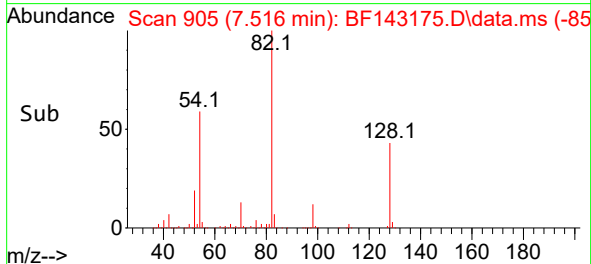
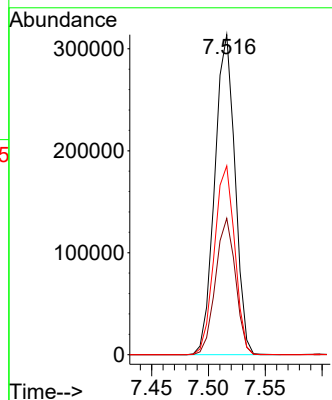
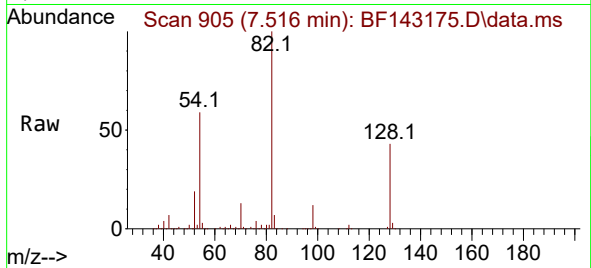
Tgt Ion: 82 Resp: 389282

Ion Ratio Lower Upper

82 100

128 42.6 33.6 50.4

54 59.0 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: BF143175.D

Acq: 21 Jul 2025 16:58

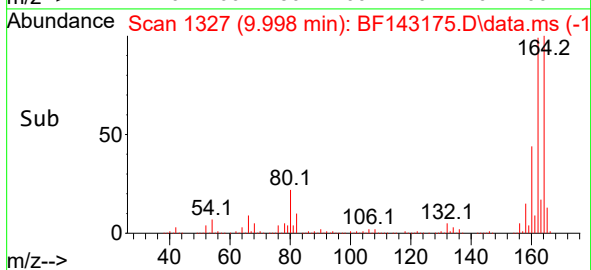
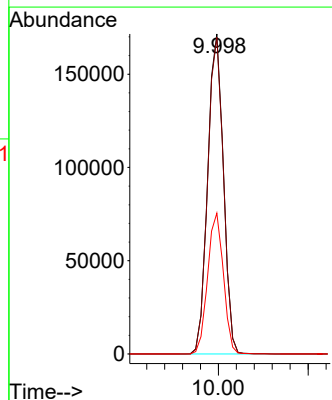
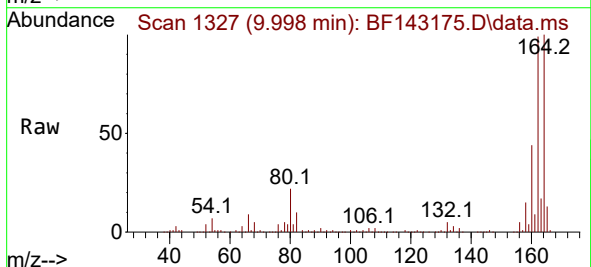
Tgt Ion:164 Resp: 208826

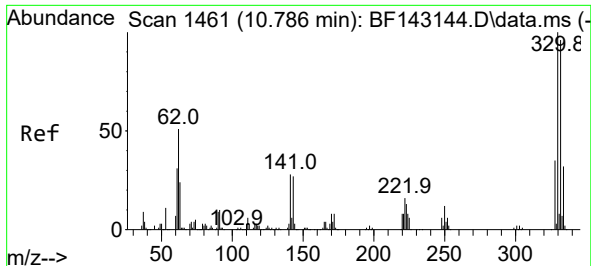
Ion Ratio Lower Upper

164 100

162 99.0 79.0 118.6

160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 54.174 ng

RT: 10.781 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF143175.D

Acq: 21 Jul 2025 16:58

Instrument :

BNA\_F

ClientSampleId :

MH 9-8

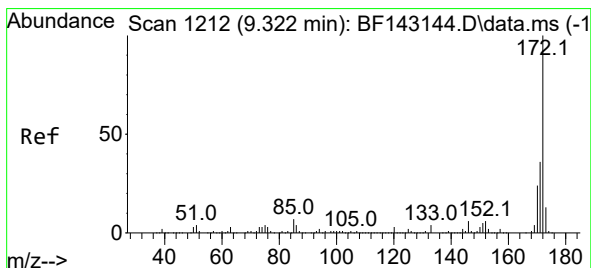
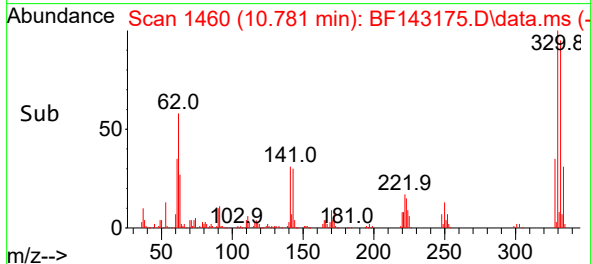
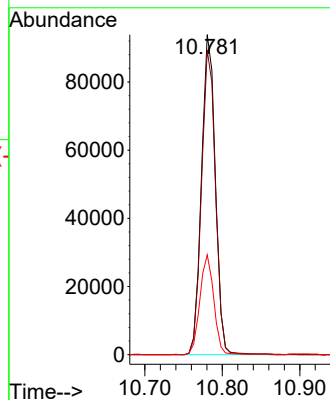
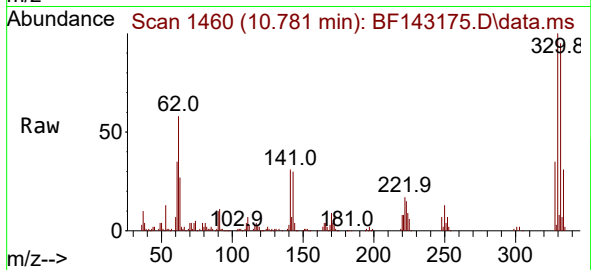
Tgt Ion:330 Resp: 116869

Ion Ratio Lower Upper

330 100

332 95.5 76.7 115.1

141 31.5 23.3 34.9



#45

2-Fluorobiphenyl

Concen: 46.433 ng

RT: 9.316 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF143175.D

Acq: 21 Jul 2025 16:58

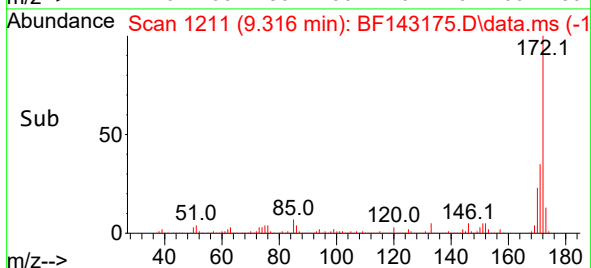
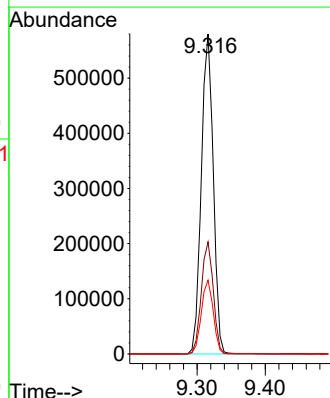
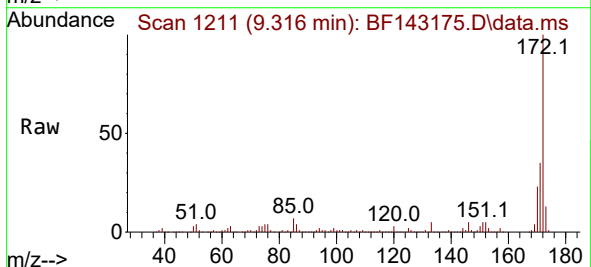
Tgt Ion:172 Resp: 708994

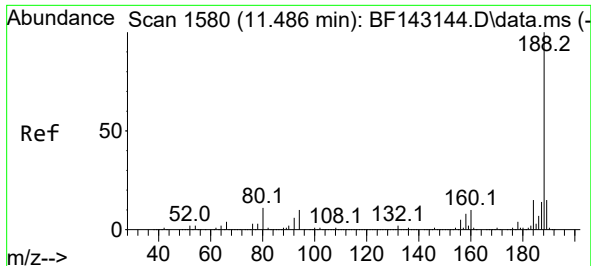
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.0 18.8 28.2

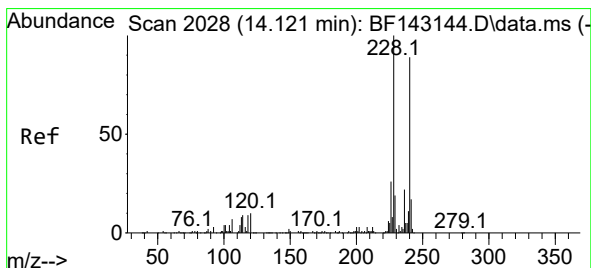
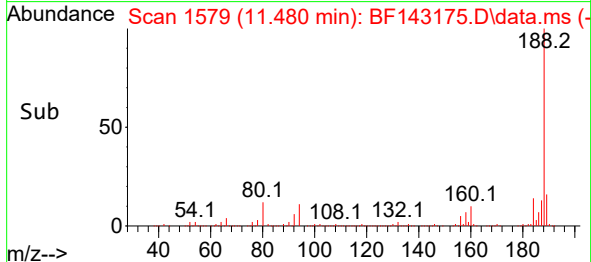
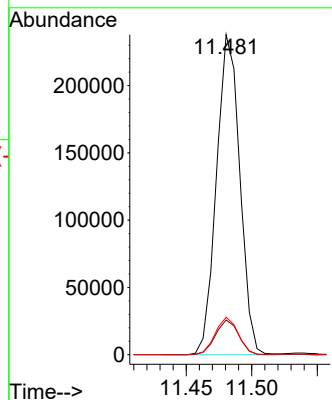
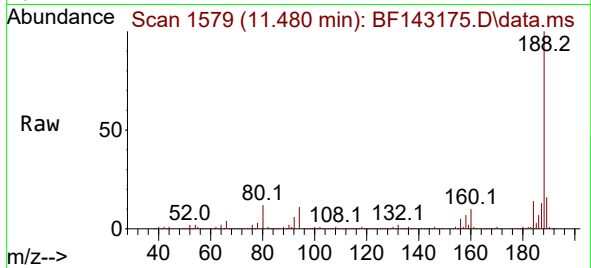




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.480 min Scan# 1580  
Delta R.T. -0.006 min  
Lab File: BF143175.D  
Acq: 21 Jul 2025 16:58

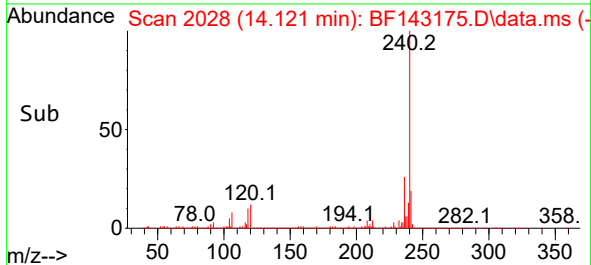
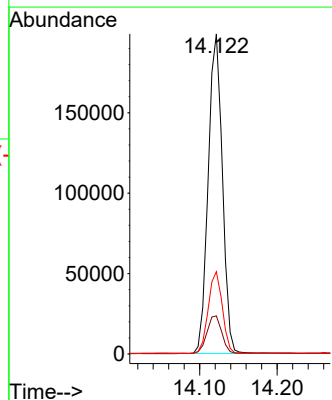
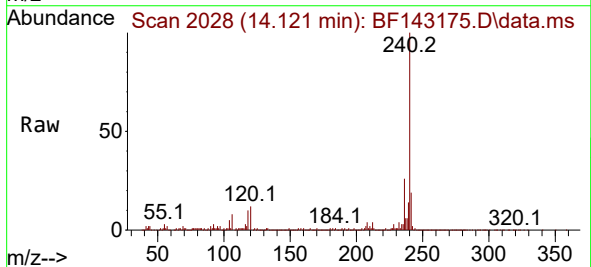
Instrument :  
BNA\_F  
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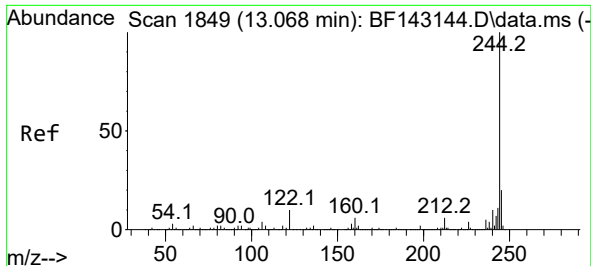
Tgt Ion:188 Resp: 294164  
Ion Ratio Lower Upper  
188 100  
94 10.9 8.3 12.5  
80 11.7 9.0 13.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.121 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF143175.D  
Acq: 21 Jul 2025 16:58

Tgt Ion:240 Resp: 252469  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.4 14.2  
236 25.7 20.2 30.4

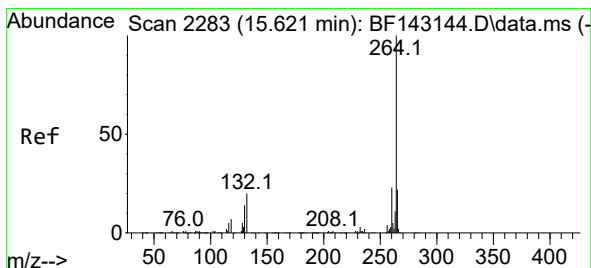
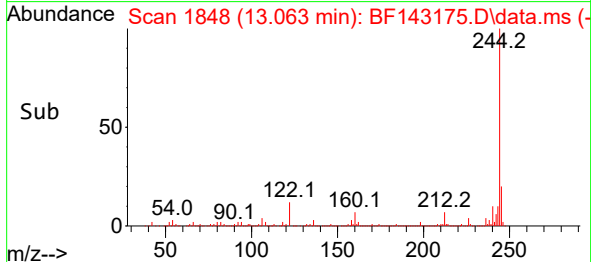
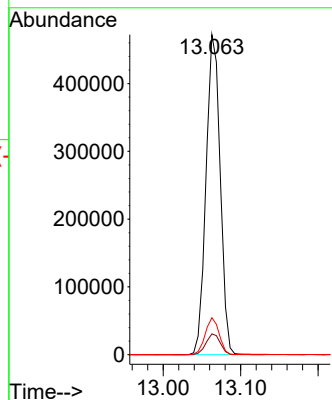
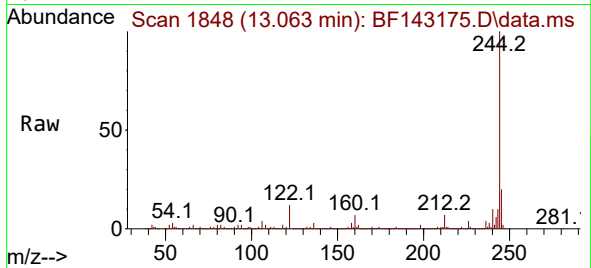




#79  
 Terphenyl-d14  
 Concen: 35.347 ng  
 RT: 13.063 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF143175.D  
 Acq: 21 Jul 2025 16:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH 9-8

Tgt Ion:244 Resp: 599687  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.2 7.8  
 122 11.5 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.627 min Scan# 2284  
 Delta R.T. 0.006 min  
 Lab File: BF143175.D  
 Acq: 21 Jul 2025 16:58

Tgt Ion:264 Resp: 168445  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.5 27.7  
 265 21.9 17.4 26.2

