

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072125\  
 Data File : BF143169.D  
 Acq On : 21 Jul 2025 13:55  
 Operator : RC/JU  
 Sample : PB168929BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168929BL

Quant Time: Jul 21 14:26:31 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  | 134265   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.239  | 136  | 520755   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.998  | 164  | 272061   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.480 | 188  | 488527   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.115 | 240  | 295665   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.621 | 264  | 286062   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.598  | 112  | 938664   | 110.632 | ng    | 0.01     |
| 7) Phenol-d6                | 6.581  | 99   | 1193910  | 111.796 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.516  | 82   | 765844   | 73.307  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.786 | 330  | 336222   | 119.629 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.316  | 172  | 1455810  | 73.182  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.068 | 244  | 1505122  | 75.754  | ng    | 0.00     |

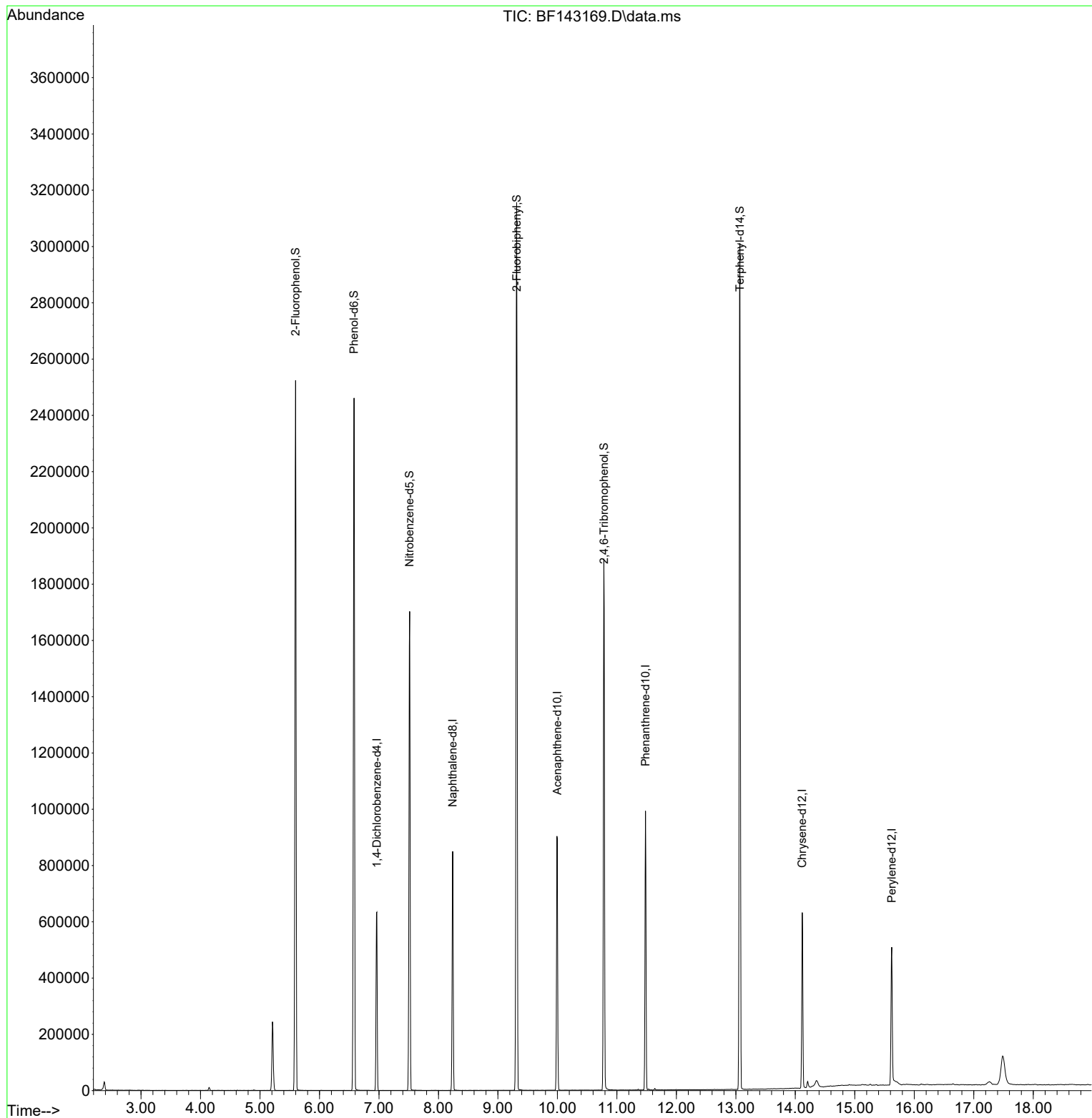
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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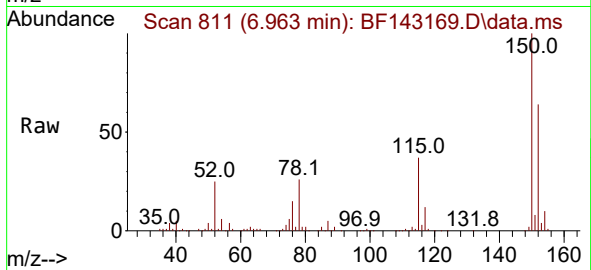
Quant Time: Jul 21 14:26:31 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071725.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 17 15:14:05 2025  
Response via : Initial Calibration



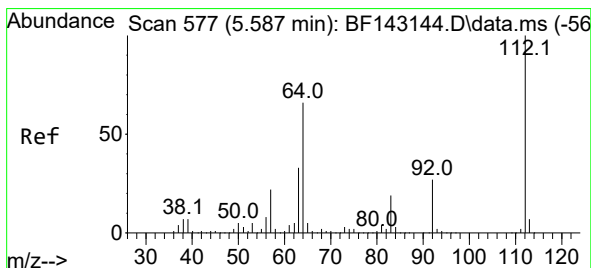
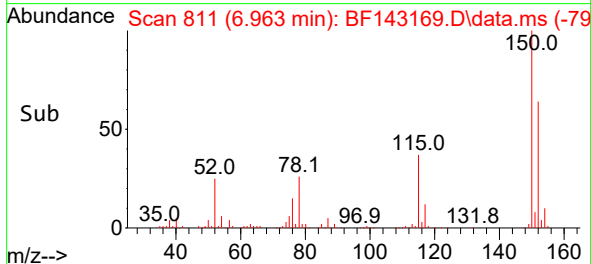
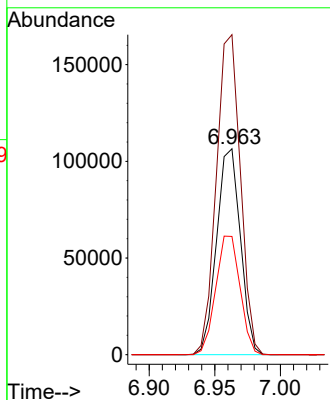


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.963 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF143169.D  
Acq: 21 Jul 2025 13:55

Instrument :  
BNA\_F  
ClientSampleId :  
PB168929BL

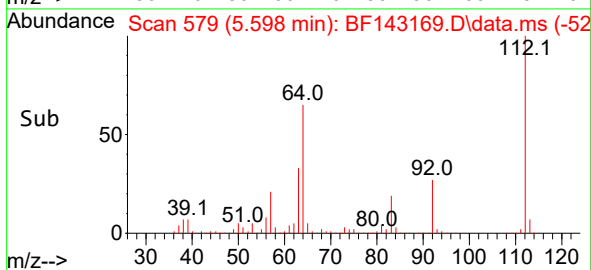
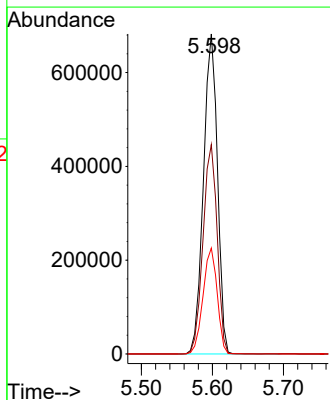
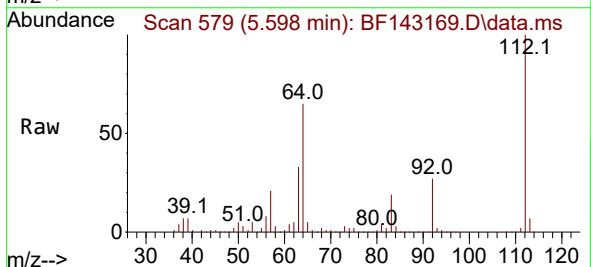


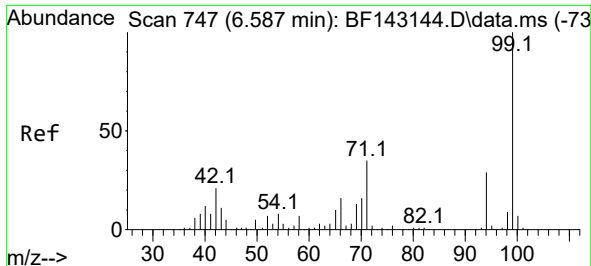
Tgt Ion:152 Resp: 134265  
Ion Ratio Lower Upper  
152 100  
150 155.4 128.2 192.4  
115 57.4 47.9 71.9



#5  
2-Fluorophenol  
Concen: 110.632 ng  
RT: 5.598 min Scan# 579  
Delta R.T. 0.012 min  
Lab File: BF143169.D  
Acq: 21 Jul 2025 13:55

Tgt Ion:112 Resp: 938664  
Ion Ratio Lower Upper  
112 100  
64 65.4 53.1 79.7  
63 33.1 26.6 40.0

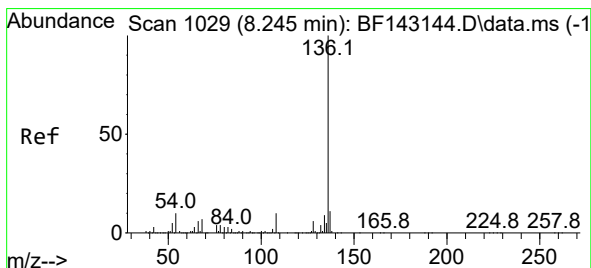
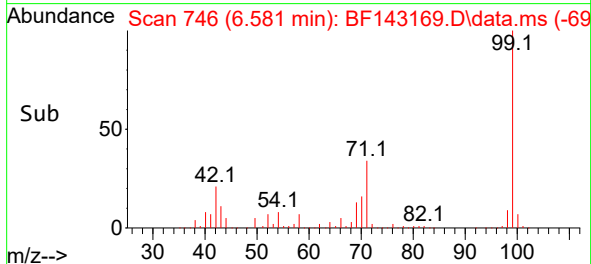
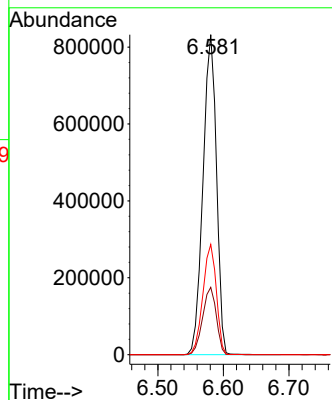
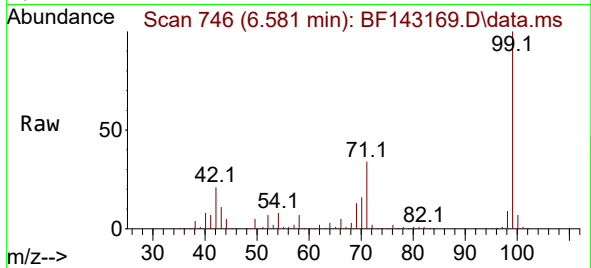




#7  
Phenol-d6  
Concen: 111.796 ng  
RT: 6.581 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF143169.D  
Acq: 21 Jul 2025 13:55

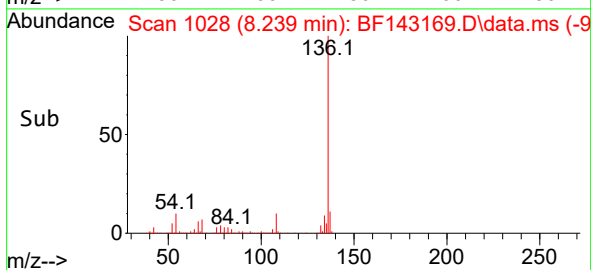
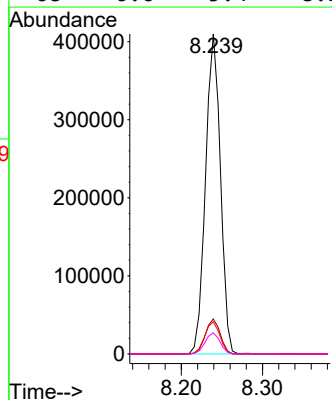
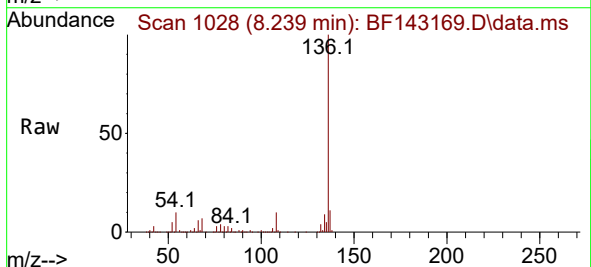
Instrument :  
BNA\_F  
ClientSampleId :  
PB168929BL

Tgt Ion: 99 Resp: 1193910  
Ion Ratio Lower Upper  
99 100  
42 21.1 17.0 25.6  
71 34.4 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: BF143169.D  
Acq: 21 Jul 2025 13:55

Tgt Ion: 136 Resp: 520755  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 10.0 8.2 12.2  
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 73.307 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143169.D

Acq: 21 Jul 2025 13:55

Instrument :

BNA\_F

ClientSampleId :

PB168929BL

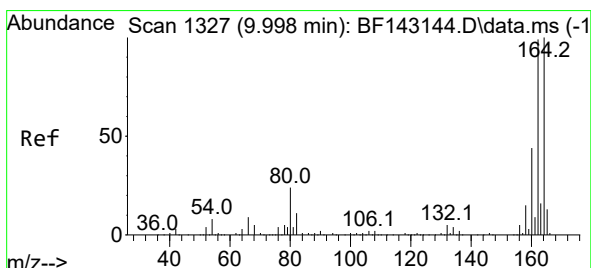
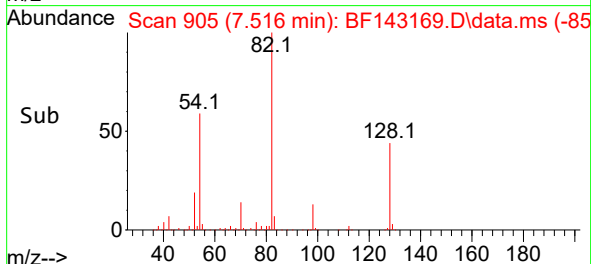
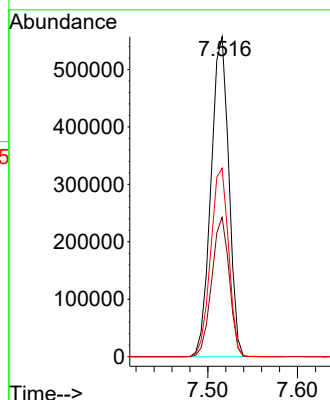
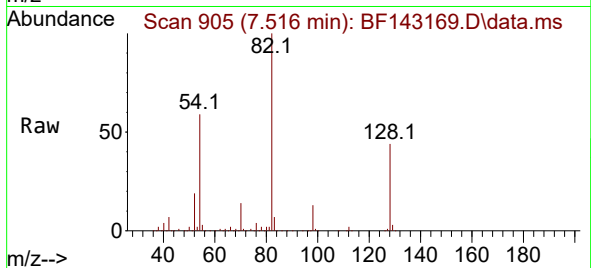
Tgt Ion: 82 Resp: 765844

Ion Ratio Lower Upper

82 100

128 43.5 33.6 50.4

54 58.9 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: BF143169.D

Acq: 21 Jul 2025 13:55

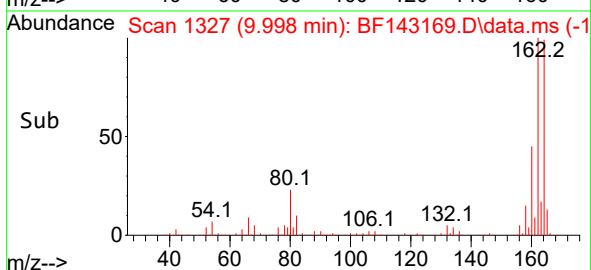
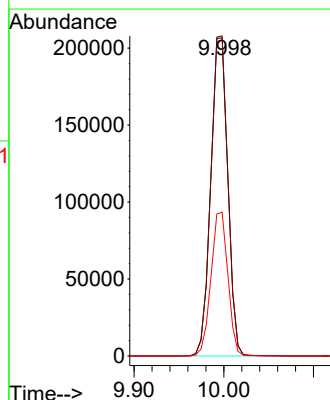
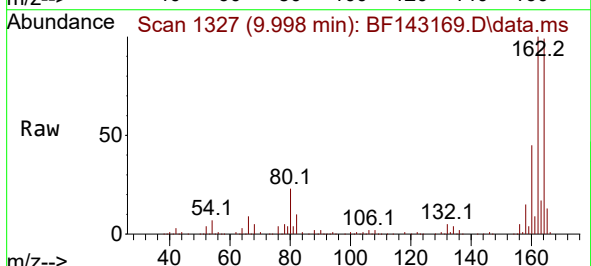
Tgt Ion: 164 Resp: 272061

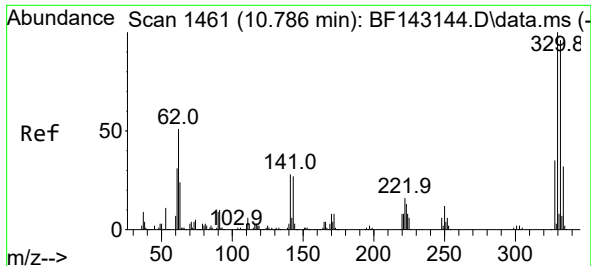
Ion Ratio Lower Upper

164 100

162 100.6 79.0 118.6

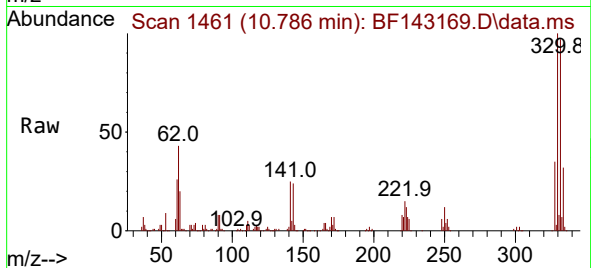
160 45.2 35.1 52.7



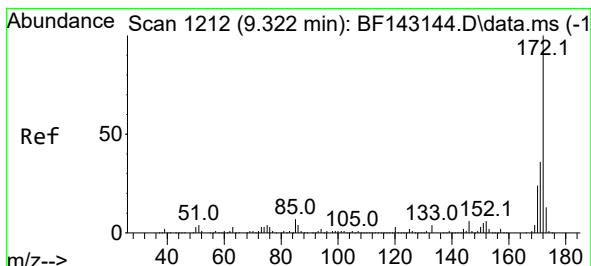
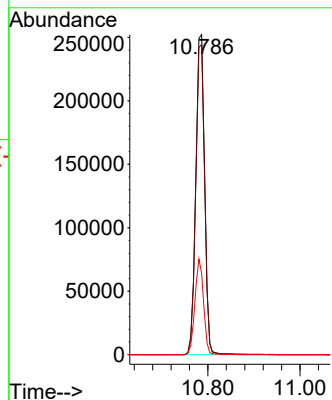
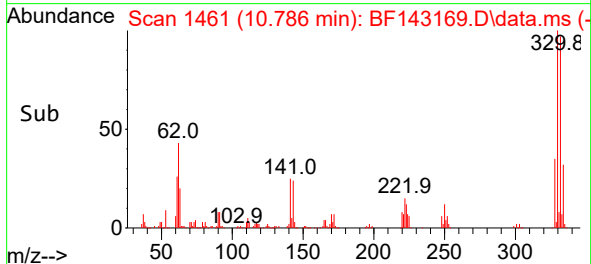


#42  
2,4,6-Tribromophenol  
Concen: 119.629 ng  
RT: 10.786 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BF143169.D  
Acq: 21 Jul 2025 13:55

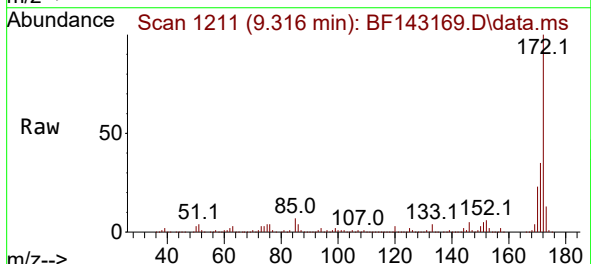
Instrument :  
BNA\_F  
ClientSampleId :  
PB168929BL



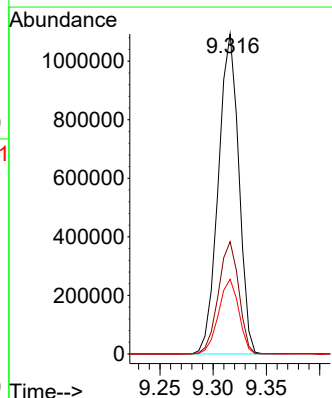
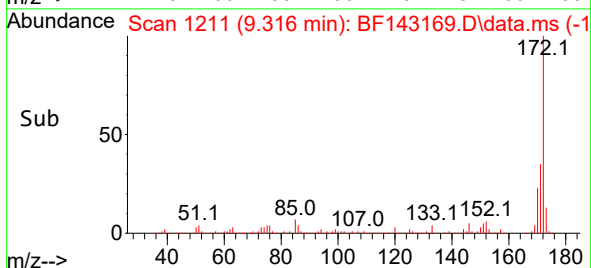
Tgt Ion:330 Resp: 336222  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.7 115.1  
141 29.1 23.3 34.9

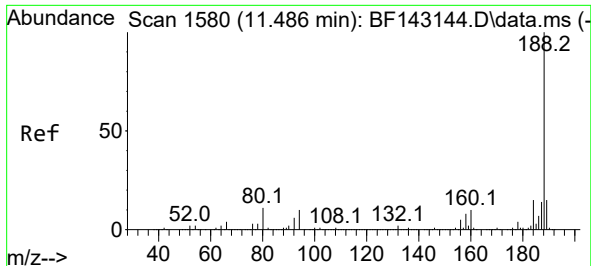


#45  
2-Fluorobiphenyl  
Concen: 73.182 ng  
RT: 9.316 min Scan# 1211  
Delta R.T. -0.006 min  
Lab File: BF143169.D  
Acq: 21 Jul 2025 13:55



Tgt Ion:172 Resp: 1455810  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 42.8  
170 23.4 18.8 28.2

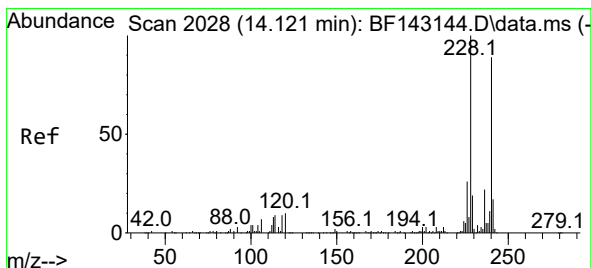
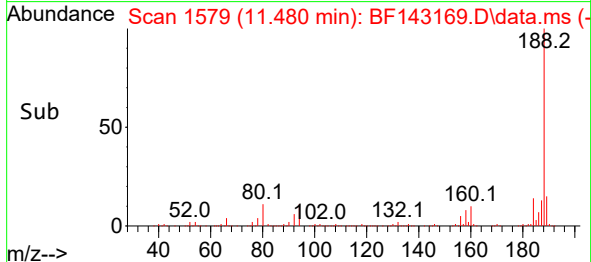
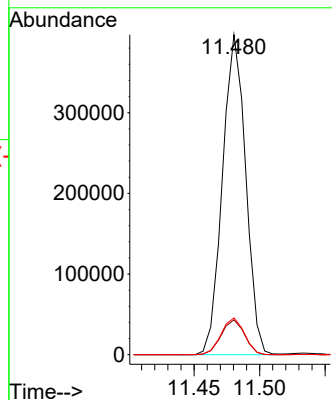
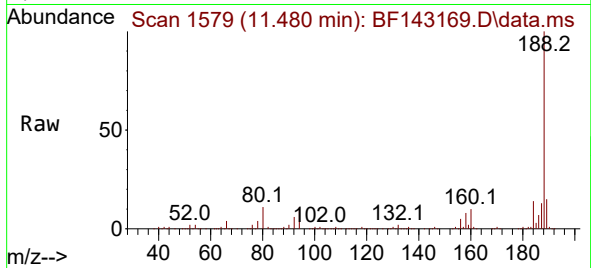




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.480 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF143169.D  
Acq: 21 Jul 2025 13:55

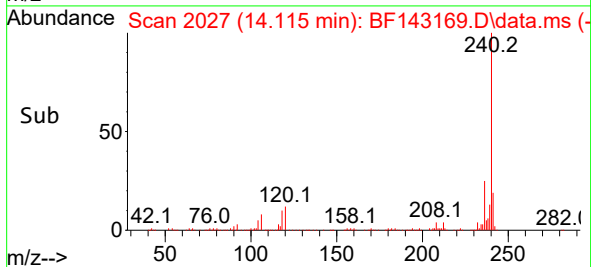
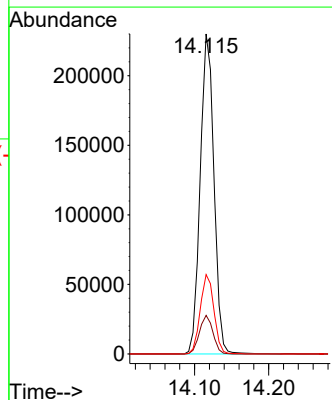
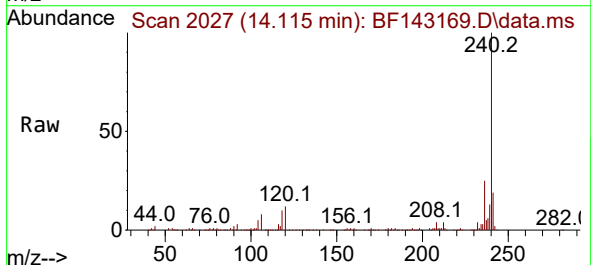
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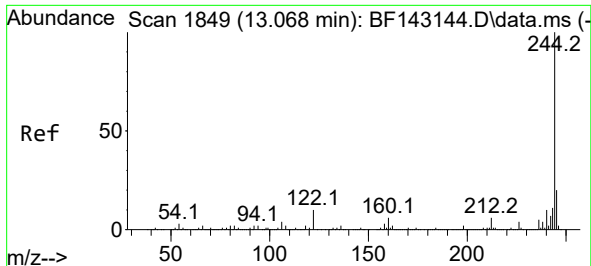
Tgt Ion:188 Resp: 488527  
Ion Ratio Lower Upper  
188 100  
94 10.9 8.3 12.5  
80 11.5 9.0 13.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.115 min Scan# 2027  
Delta R.T. -0.006 min  
Lab File: BF143169.D  
Acq: 21 Jul 2025 13:55

Tgt Ion:240 Resp: 295665  
Ion Ratio Lower Upper  
240 100  
120 12.1 9.4 14.2  
236 24.8 20.2 30.4

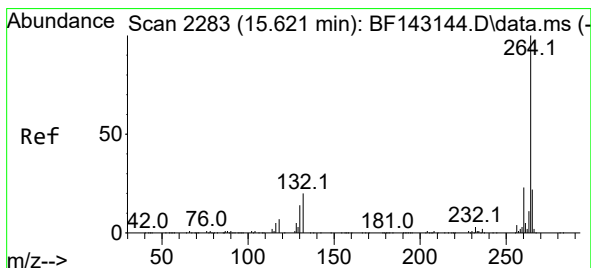
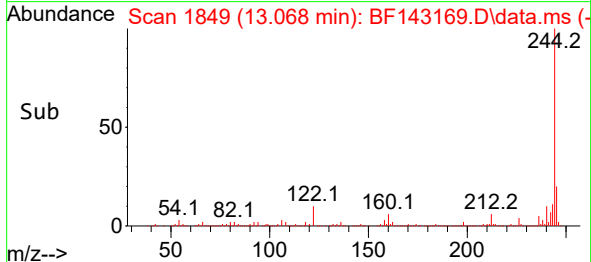
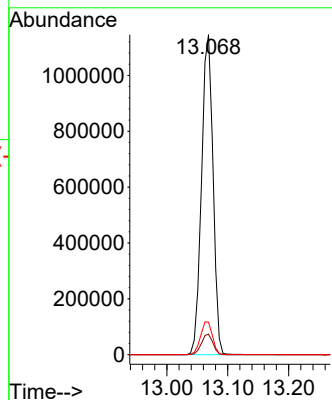
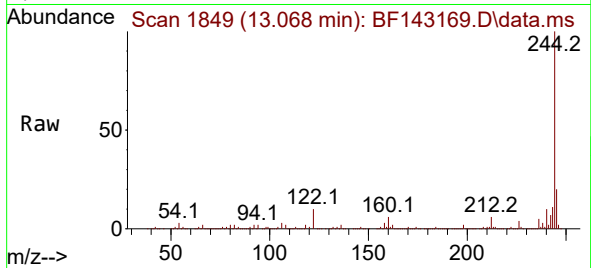




#79  
 Terphenyl-d14  
 Concen: 75.754 ng  
 RT: 13.068 min Scan# 1849  
 Delta R.T. 0.000 min  
 Lab File: BF143169.D  
 Acq: 21 Jul 2025 13:55

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 1505122  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 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: BF143169.D  
 Acq: 21 Jul 2025 13:55

Tgt Ion:264 Resp: 286062  
 Ion Ratio Lower Upper  
 264 100  
 260 22.5 18.5 27.7  
 265 21.3 17.4 26.2

