

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF063025\  
 Data File : BF142934.D  
 Acq On : 01 Jul 2025 00:45  
 Operator : RC/JU  
 Sample : Q2452-05  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-2

Quant Time: Jul 01 01:26:48 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 60946    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 219777   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.910  | 164  | 105629   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.404 | 188  | 155279   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 129147   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.539 | 264  | 141626   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 334051   | 91.256 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 391546   | 90.661 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 235176   | 58.694 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 92248    | 84.865 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.234  | 172  | 492572   | 61.260 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.986 | 244  | 381490   | 40.814 | ng    | -0.01    |

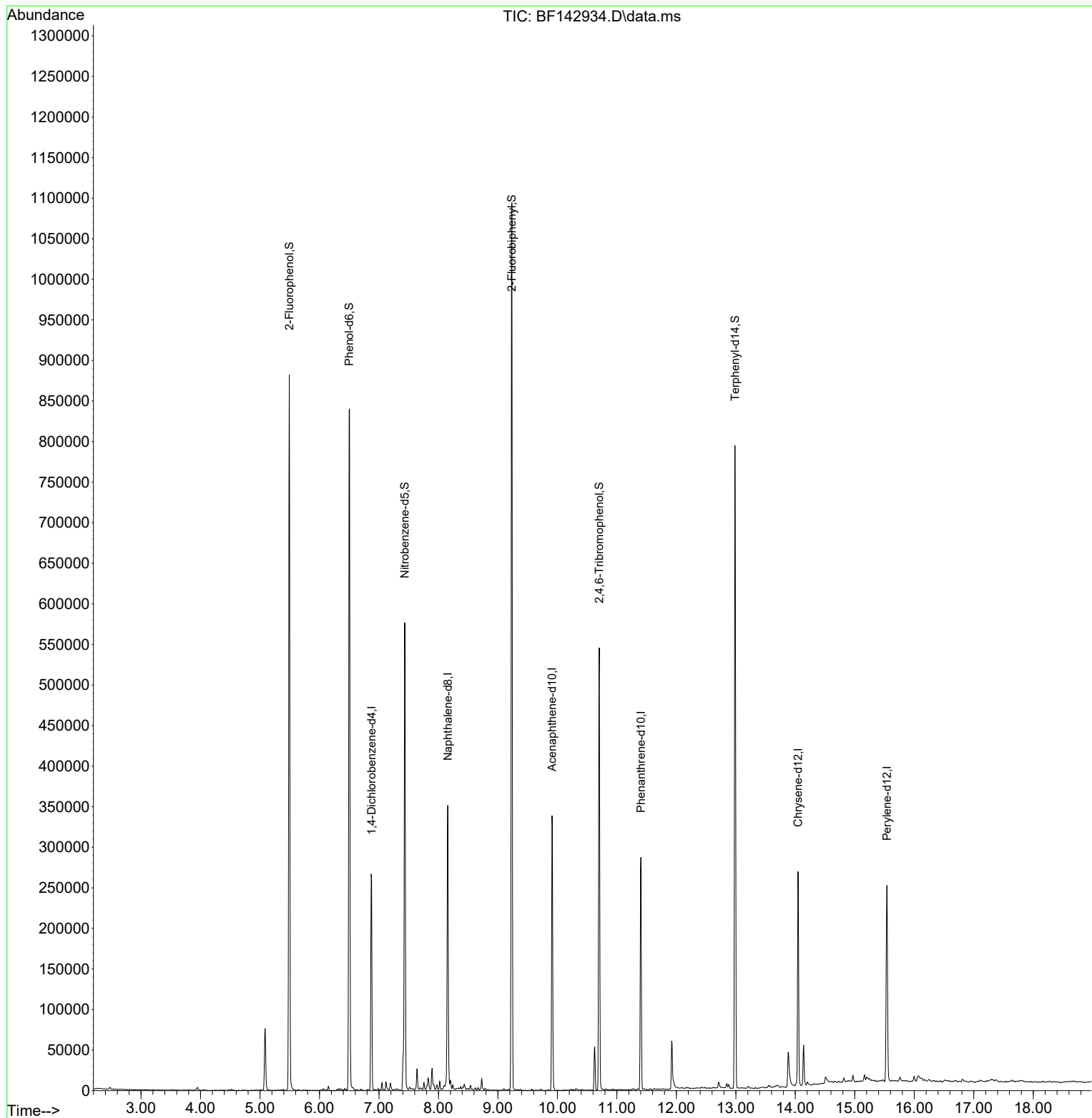
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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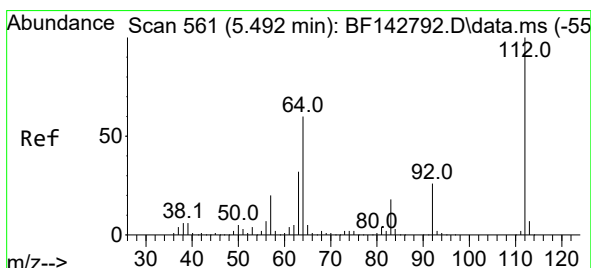
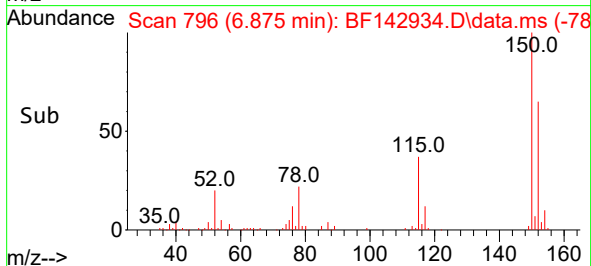
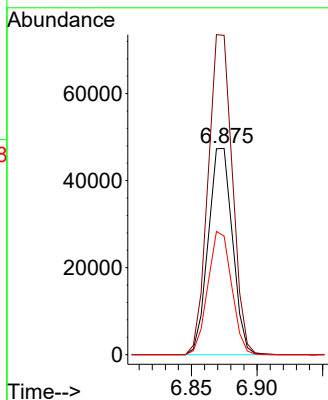
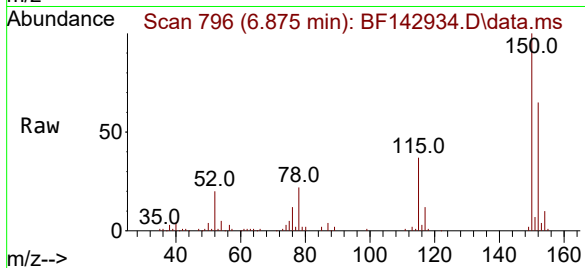




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF142934.D  
Acq: 01 Jul 2025 00:45

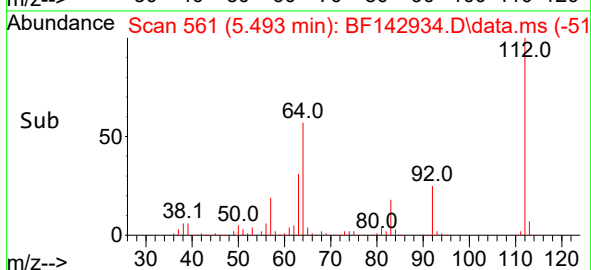
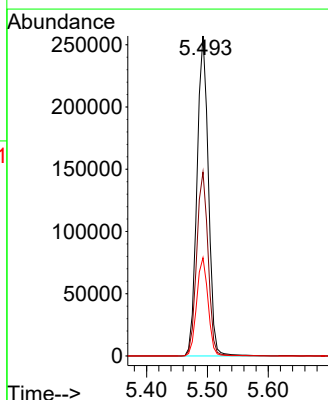
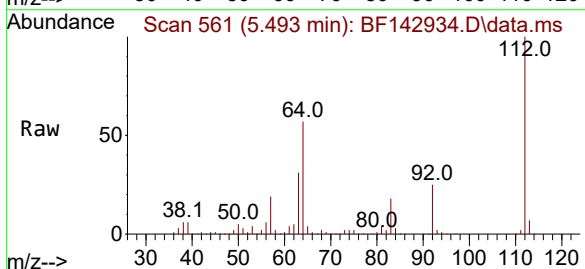
Instrument :  
BNA\_F  
ClientSampleId :  
EP-2

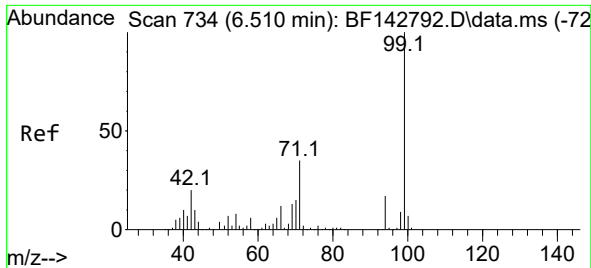
Tgt Ion:152 Resp: 60946  
Ion Ratio Lower Upper  
152 100  
150 154.8 127.2 190.8  
115 57.4 46.6 69.8



#5  
2-Fluorophenol  
Concen: 91.256 ng  
RT: 5.493 min Scan# 561  
Delta R.T. 0.001 min  
Lab File: BF142934.D  
Acq: 01 Jul 2025 00:45

Tgt Ion:112 Resp: 334051  
Ion Ratio Lower Upper  
112 100  
64 57.5 48.2 72.2  
63 30.7 25.7 38.5

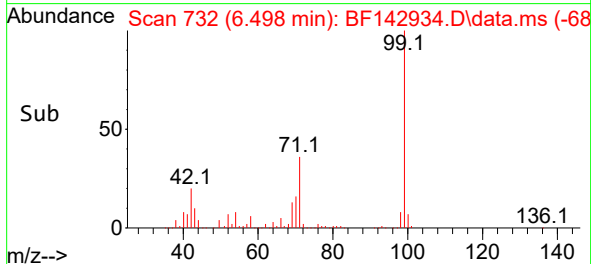
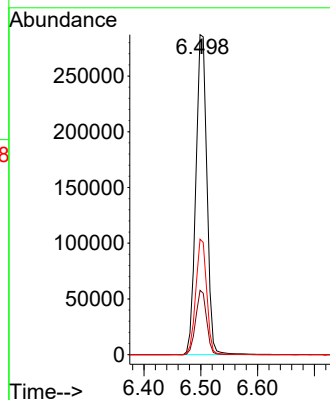
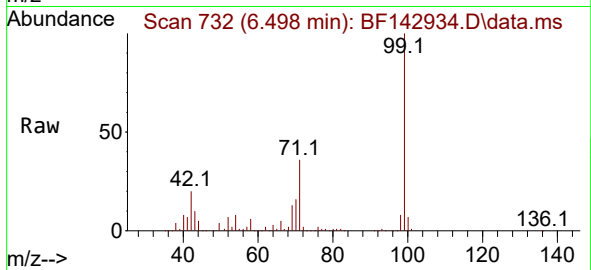




#7  
Phenol-d6  
Concen: 90.661 ng  
RT: 6.498 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF142934.D  
Acq: 01 Jul 2025 00:45

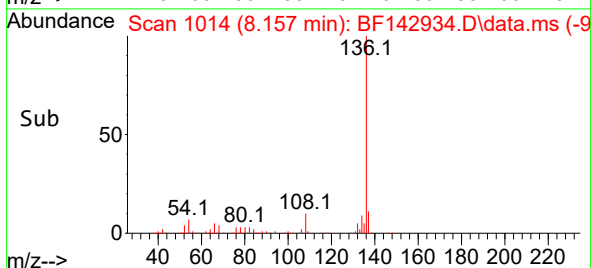
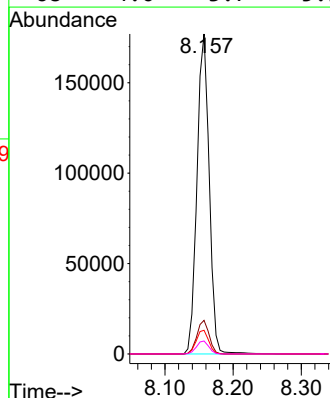
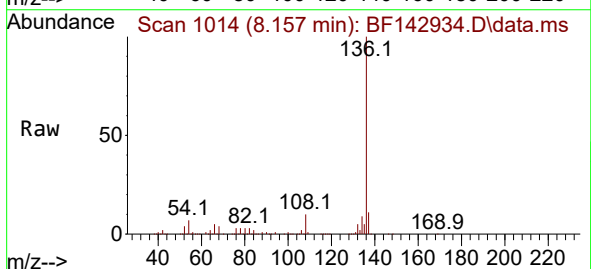
Instrument :  
BNA\_F  
ClientSampleId :  
EP-2

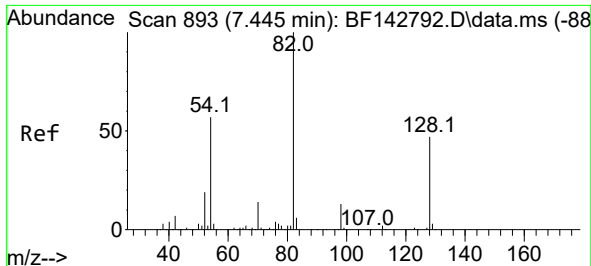
Tgt Ion: 99 Resp: 391546  
Ion Ratio Lower Upper  
99 100  
42 20.1 15.9 23.9  
71 36.1 27.8 41.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BF142934.D  
Acq: 01 Jul 2025 00:45

Tgt Ion: 136 Resp: 219777  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.4 12.6  
54 7.4 6.3 9.5  
68 4.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 58.694 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.011 min

Lab File: BF142934.D

Acq: 01 Jul 2025 00:45

Instrument :

BNA\_F

ClientSampleId :

EP-2

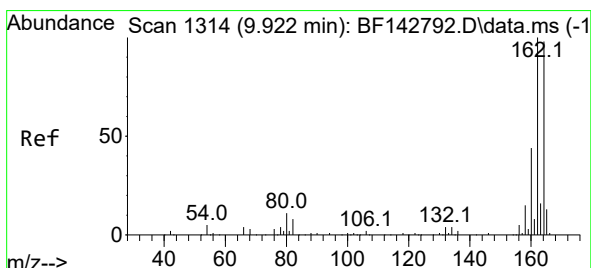
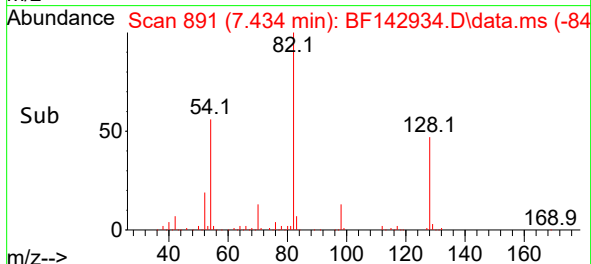
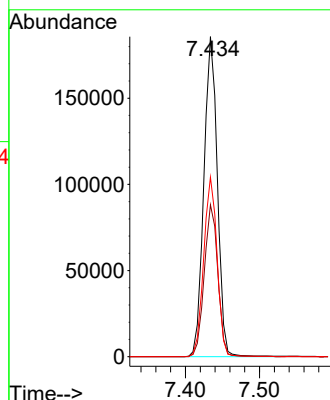
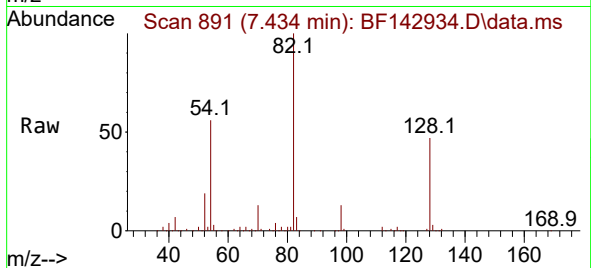
Tgt Ion: 82 Resp: 235176

Ion Ratio Lower Upper

82 100

128 47.4 37.7 56.5

54 56.1 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.012 min

Lab File: BF142934.D

Acq: 01 Jul 2025 00:45

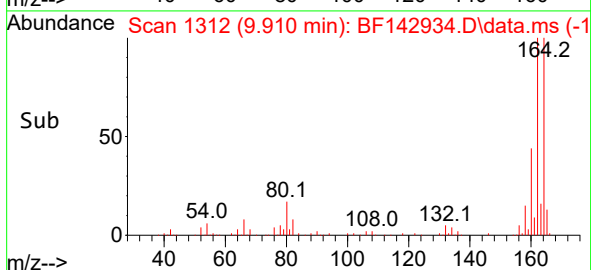
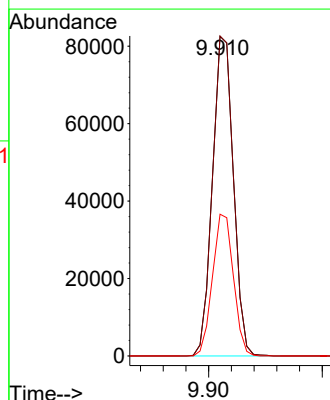
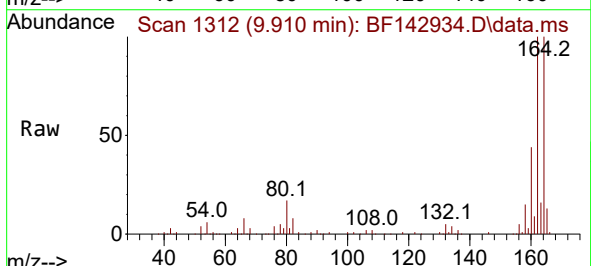
Tgt Ion:164 Resp: 105629

Ion Ratio Lower Upper

164 100

162 100.1 81.8 122.8

160 44.4 36.0 54.0

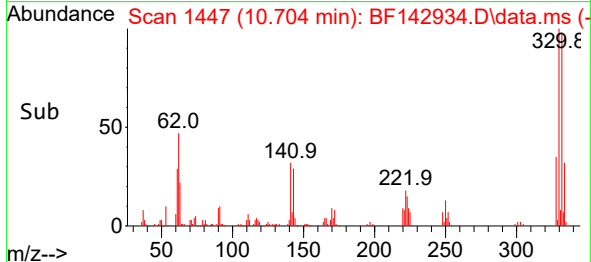
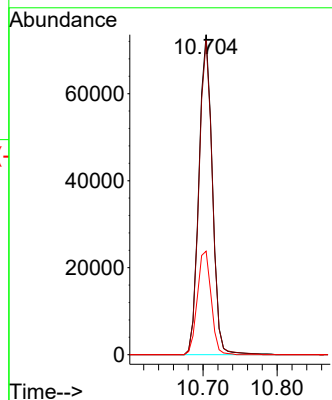
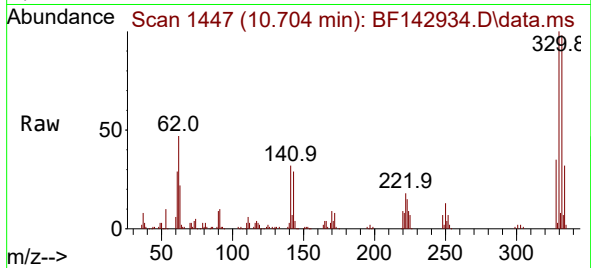




#42  
2,4,6-Tribromophenol  
Concen: 84.865 ng  
RT: 10.704 min Scan# 1447  
Delta R.T. -0.012 min  
Lab File: BF142934.D  
Acq: 01 Jul 2025 00:45

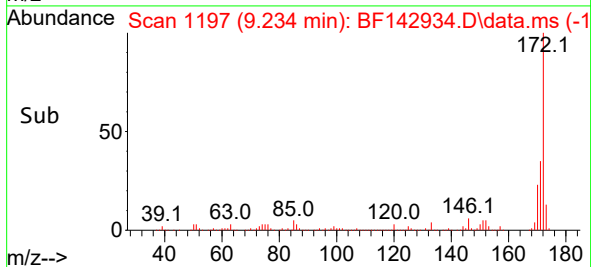
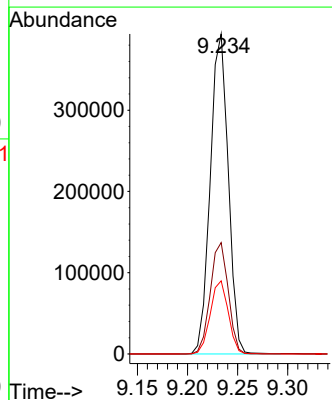
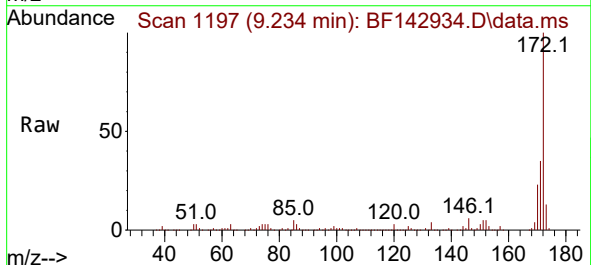
Instrument :  
BNA\_F  
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EP-2

Tgt Ion:330 Resp: 92248  
Ion Ratio Lower Upper  
330 100  
332 97.9 75.0 112.6  
141 33.3 25.3 37.9



#45  
2-Fluorobiphenyl  
Concen: 61.260 ng  
RT: 9.234 min Scan# 1197  
Delta R.T. -0.011 min  
Lab File: BF142934.D  
Acq: 01 Jul 2025 00:45

Tgt Ion:172 Resp: 492572  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.2 42.4  
170 22.8 18.5 27.7

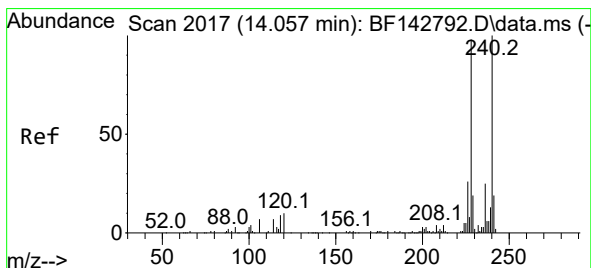
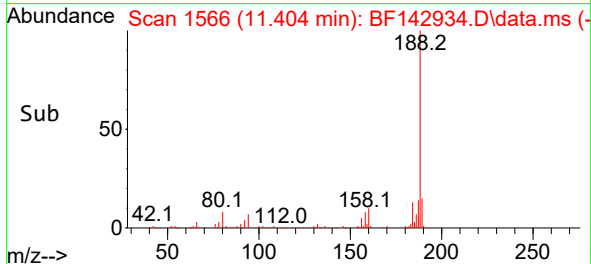
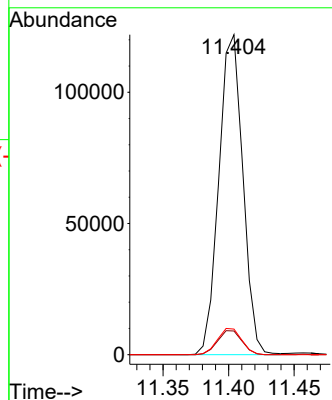
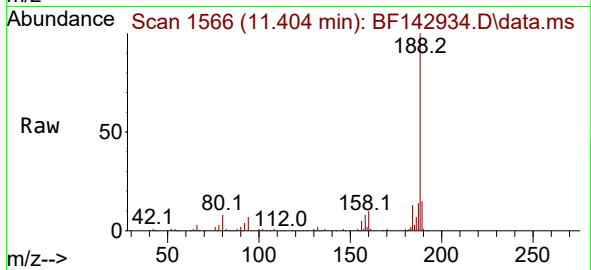




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF142934.D  
Acq: 01 Jul 2025 00:45

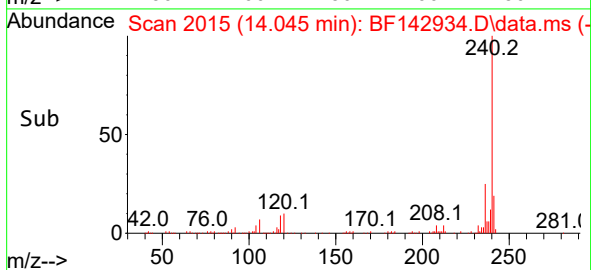
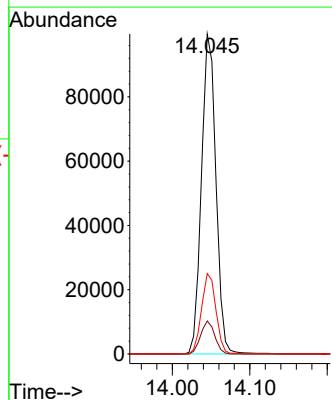
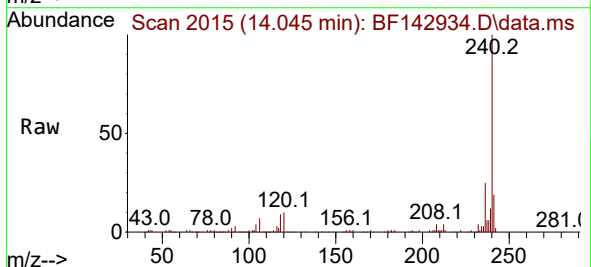
Instrument :  
BNA\_F  
ClientSampleId :  
EP-2

Tgt Ion:188 Resp: 155279  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.7 10.1  
80 8.0 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2015  
Delta R.T. -0.012 min  
Lab File: BF142934.D  
Acq: 01 Jul 2025 00:45

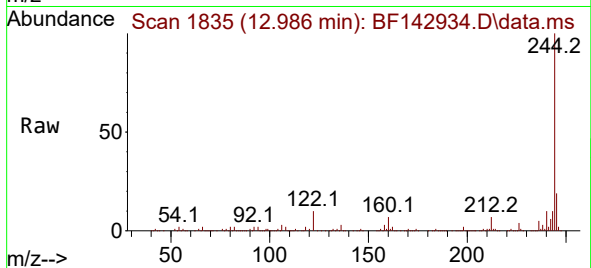
Tgt Ion:240 Resp: 129147  
Ion Ratio Lower Upper  
240 100  
120 10.3 8.2 12.2  
236 25.1 19.8 29.8



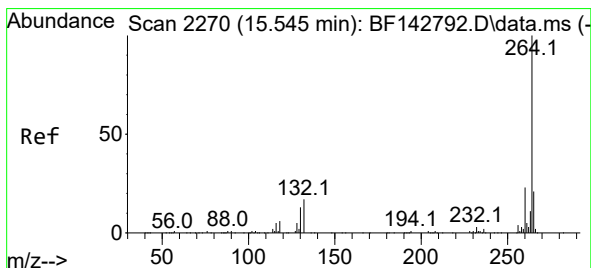
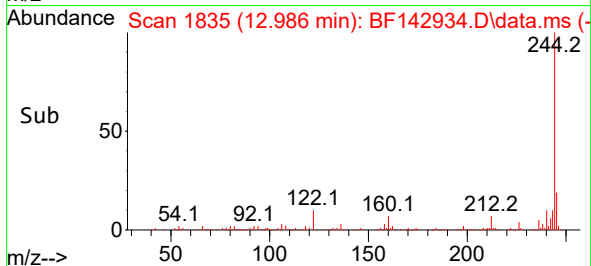
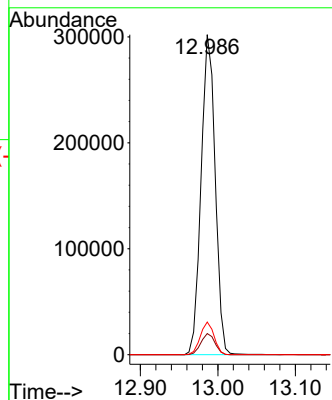


#79  
 Terphenyl-d14  
 Concen: 40.814 ng  
 RT: 12.986 min Scan# 1835  
 Delta R.T. -0.012 min  
 Lab File: BF142934.D  
 Acq: 01 Jul 2025 00:45

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EP-2



Tgt Ion:244 Resp: 381490  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.0  
 122 10.2 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2269  
 Delta R.T. -0.006 min  
 Lab File: BF142934.D  
 Acq: 01 Jul 2025 00:45

Tgt Ion:264 Resp: 141626  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.1 27.1  
 265 21.1 16.6 25.0

