

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053025\  
 Data File : BF142577.D  
 Acq On : 30 May 2025 18:46  
 Operator : RC/JU  
 Sample : Q2146-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP04-MHN-WC

Quant Time: May 30 22:28:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 20 16:26:47 2025  
 Response via : Initial Calibration

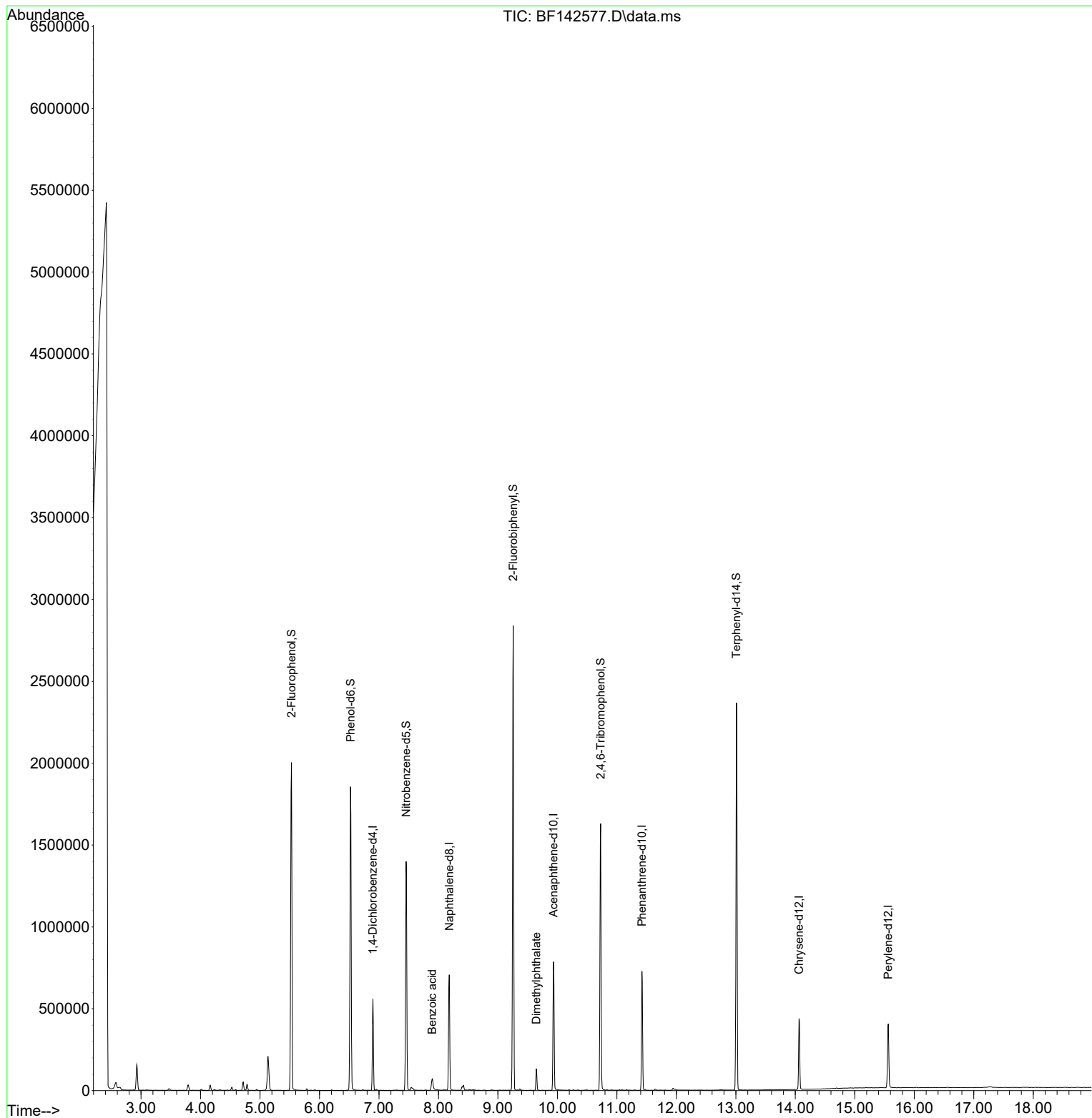
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.898  | 152  | 121806   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 458880   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.934  | 164  | 239948   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.422 | 188  | 386203   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.063 | 240  | 222868   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.563 | 264  | 239278   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 804897   | 111.329 | ng    | 0.01     |
| 7) Phenol-d6                | 6.522  | 99   | 915526   | 105.196 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 631906   | 75.090  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.728 | 330  | 307832   | 115.591 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 1309254  | 73.217  | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.010 | 244  | 1177240  | 72.184  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       |          |
| 32) Benzoic acid            | 7.893  | 122  | 29286    | 6.727   | ng    | 95       |
| 50) Dimethylphthalate       | 9.645  | 163  | 78078    | 4.931   | ng    | 100      |
| -----                       |        |      |          |         |       |          |

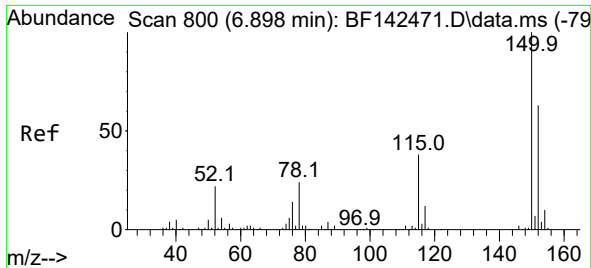
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053025\  
Data File : BF142577.D  
Acq On : 30 May 2025 18:46  
Operator : RC/JU  
Sample : Q2146-04  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP04-MHN-WC

Quant Time: May 30 22:28:29 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 20 16:26:47 2025  
Response via : Initial Calibration

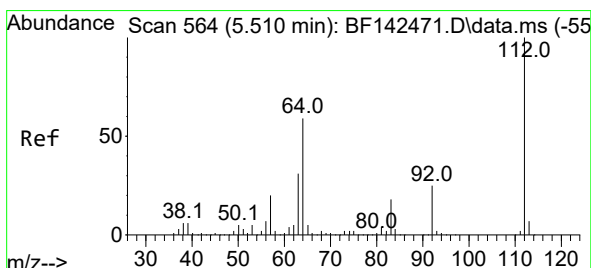
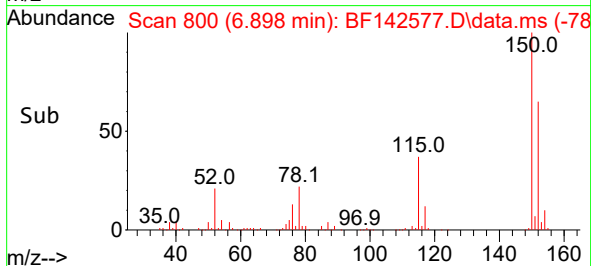
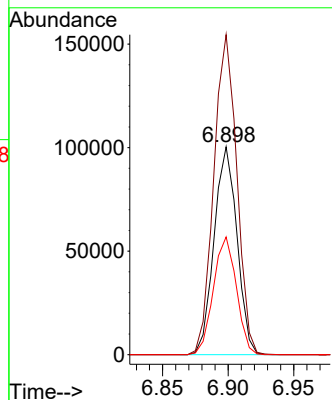
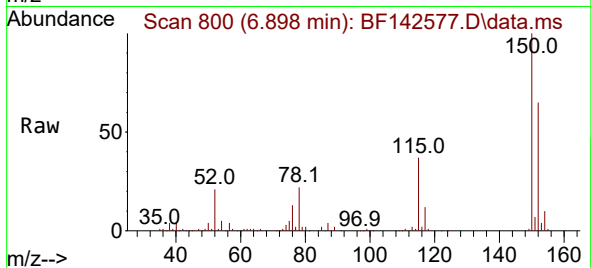




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

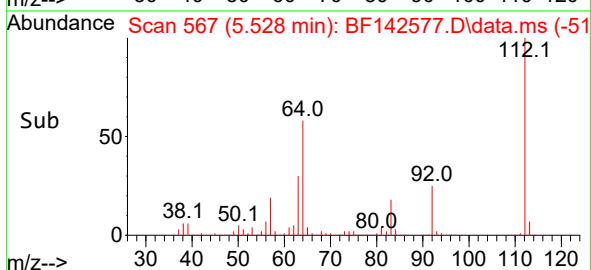
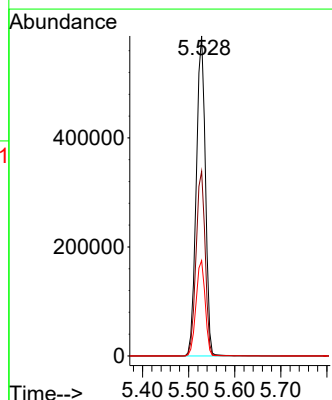
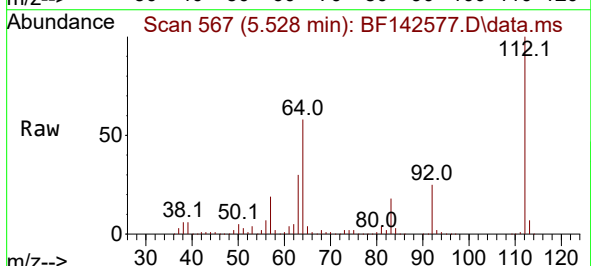
Instrument :  
BNA\_F  
ClientSampleId :  
TP04-MHN-WC

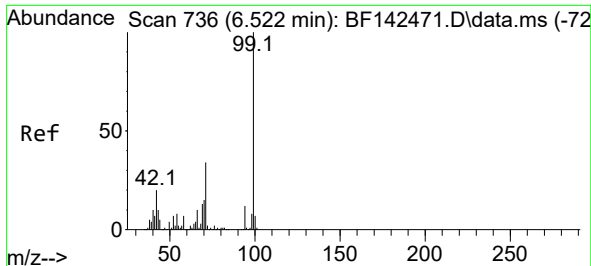
Tgt Ion:152 Resp: 121806  
Ion Ratio Lower Upper  
152 100  
150 154.0 128.2 192.4  
115 56.7 48.3 72.5



#5  
2-Fluorophenol  
Concen: 111.329 ng  
RT: 5.528 min Scan# 567  
Delta R.T. 0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion:112 Resp: 804897  
Ion Ratio Lower Upper  
112 100  
64 57.7 47.5 71.3  
63 29.8 24.9 37.3

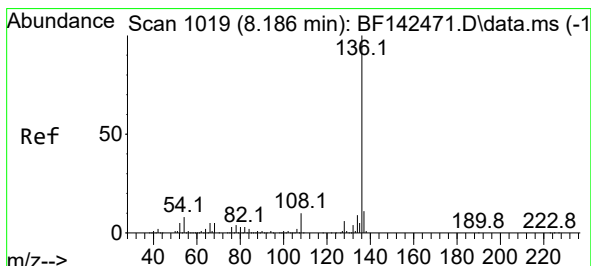
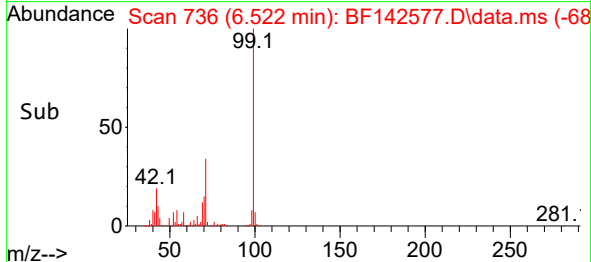
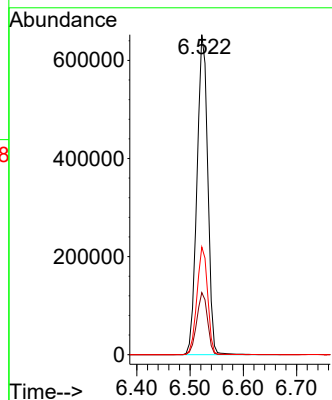
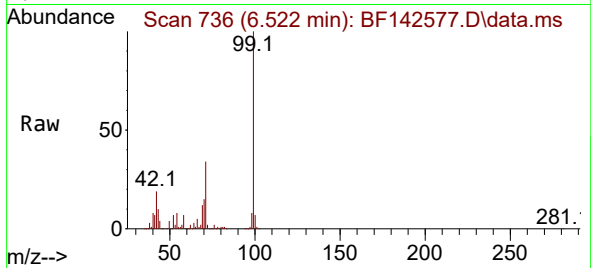




#7  
Phenol-d6  
Concen: 105.196 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

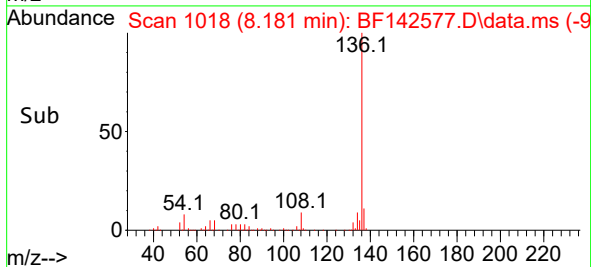
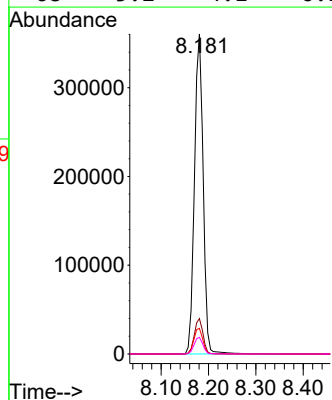
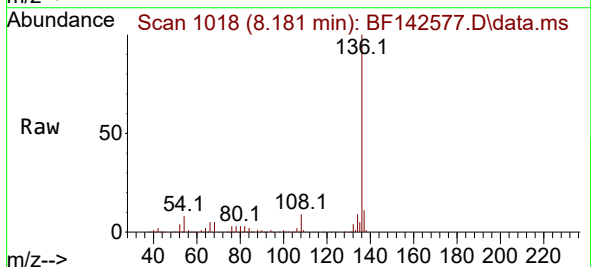
Instrument :  
BNA\_F  
ClientSampleId :  
TP04-MHN-WC

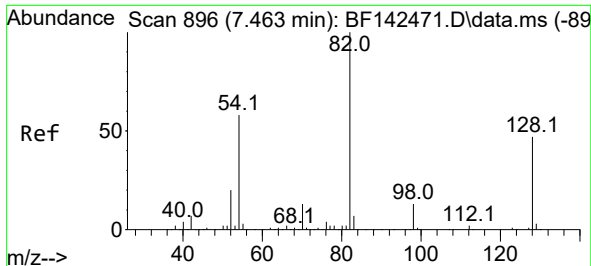
Tgt Ion: 99 Resp: 915526  
Ion Ratio Lower Upper  
99 100  
42 19.4 16.2 24.2  
71 33.7 27.3 40.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion:136 Resp: 458880  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.0 6.6 10.0  
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 75.090 ng

RT: 7.457 min Scan# 896

Delta R.T. -0.017 min

Lab File: BF142577.D

Acq: 30 May 2025 18:46

Instrument :

BNA\_F

ClientSampleId :

TP04-MHN-WC

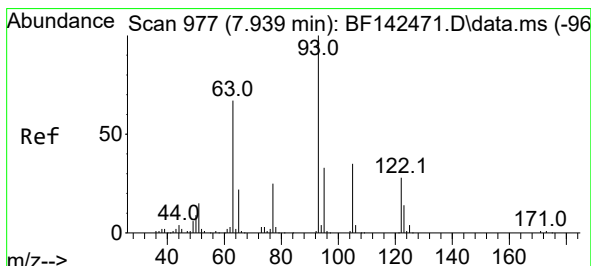
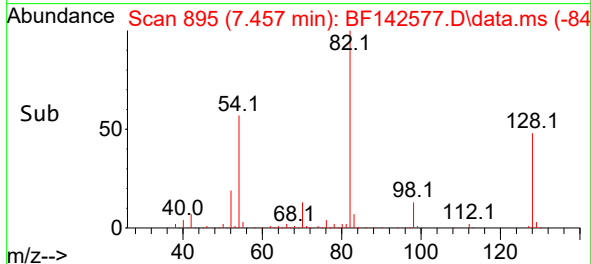
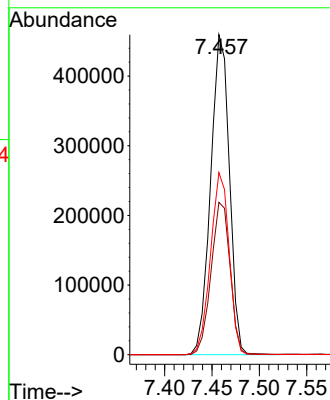
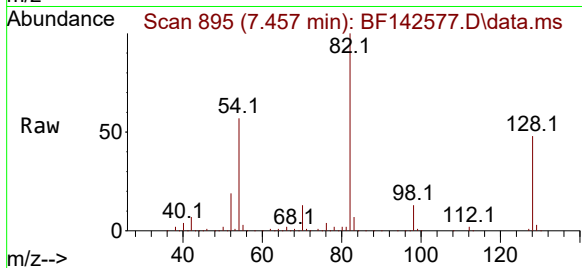
Tgt Ion: 82 Resp: 631906

Ion Ratio Lower Upper

82 100

128 47.6 37.4 56.2

54 56.9 46.6 70.0



#32

Benzoic acid

Concen: 6.727 ng

RT: 7.893 min Scan# 969

Delta R.T. -0.082 min

Lab File: BF142577.D

Acq: 30 May 2025 18:46

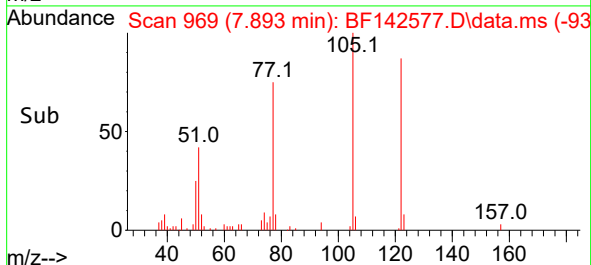
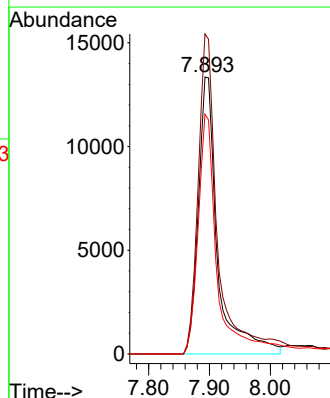
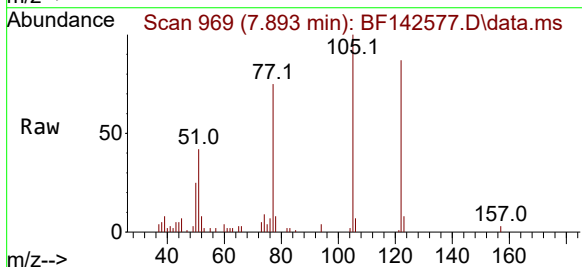
Tgt Ion:122 Resp: 29286

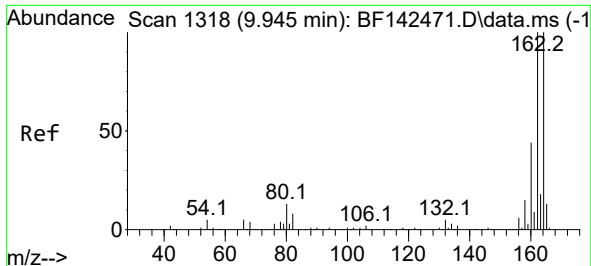
Ion Ratio Lower Upper

122 100

105 115.5 101.7 141.7

77 86.5 69.5 109.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142577.D

Acq: 30 May 2025 18:46

Instrument :

BNA\_F

ClientSampleId :

TP04-MHN-WC

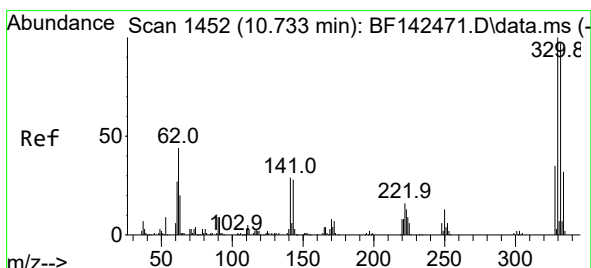
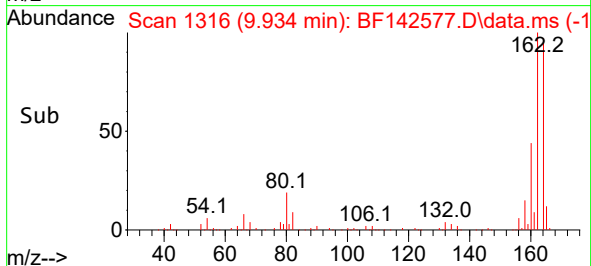
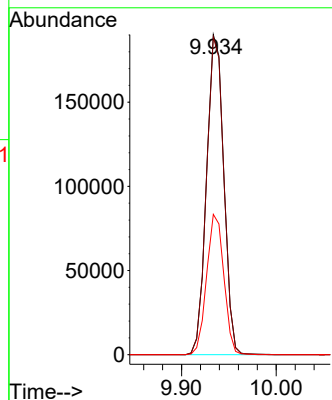
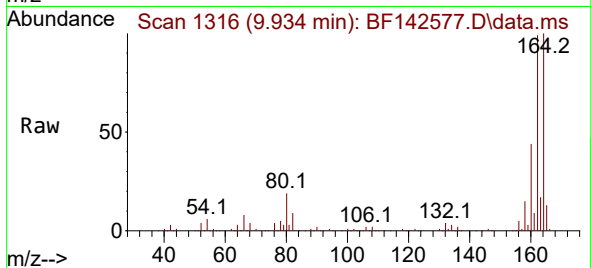
Tgt Ion:164 Resp: 239948

Ion Ratio Lower Upper

164 100

162 99.3 80.2 120.4

160 43.8 35.6 53.4



#42

2,4,6-Tribromophenol

Concen: 115.591 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF142577.D

Acq: 30 May 2025 18:46

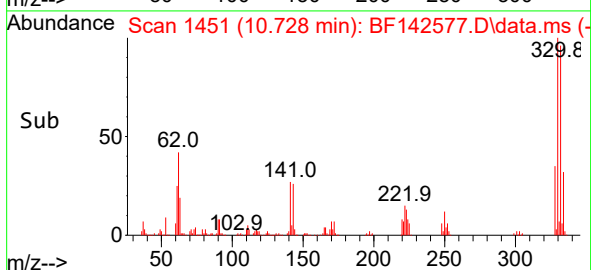
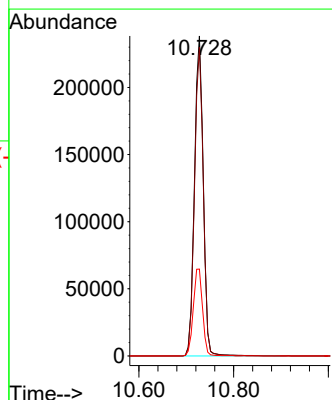
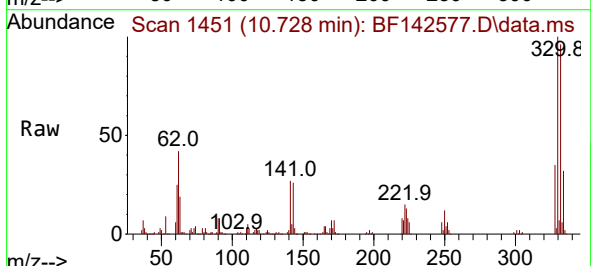
Tgt Ion:330 Resp: 307832

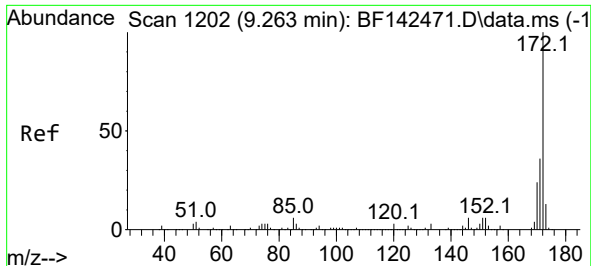
Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 28.6 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 73.217 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142577.D

Acq: 30 May 2025 18:46

Instrument :

BNA\_F

ClientSampleId :

TP04-MHN-WC

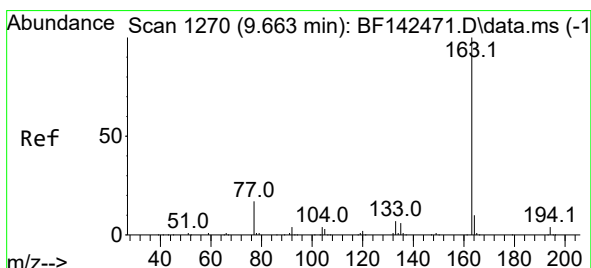
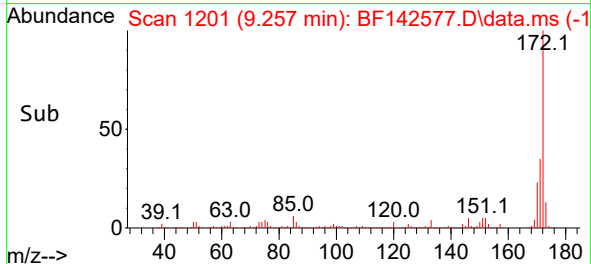
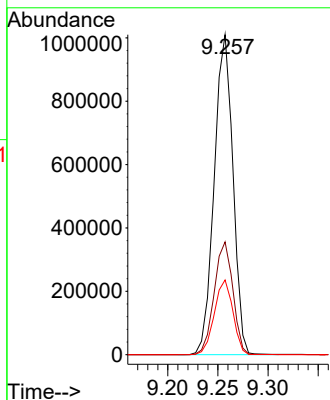
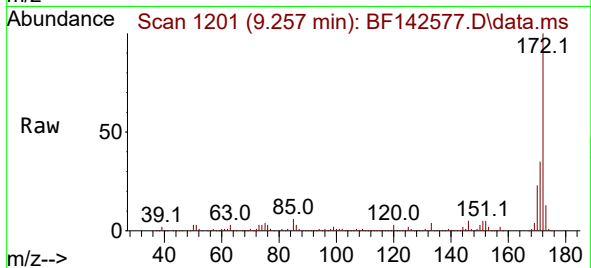
Tgt Ion:172 Resp: 1309254

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.3 18.9 28.3



#50

Dimethylphthalate

Concen: 4.931 ng

RT: 9.645 min Scan# 1267

Delta R.T. -0.023 min

Lab File: BF142577.D

Acq: 30 May 2025 18:46

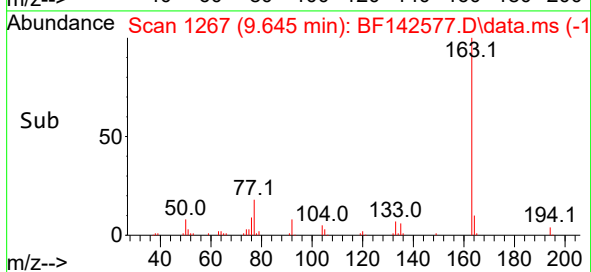
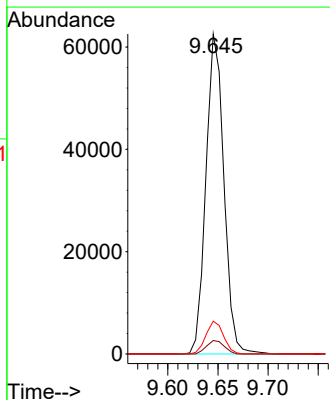
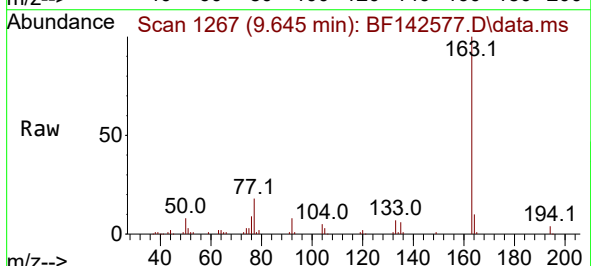
Tgt Ion:163 Resp: 78078

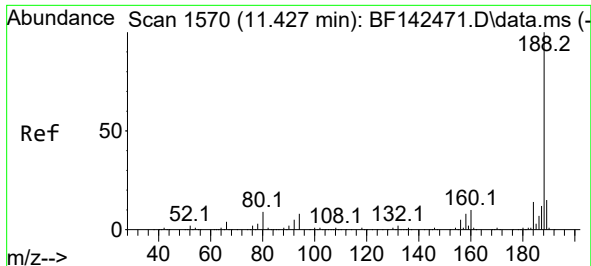
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.2 12.4

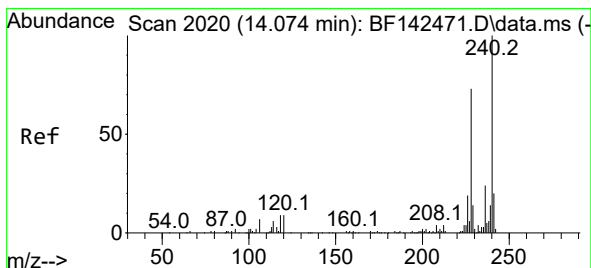
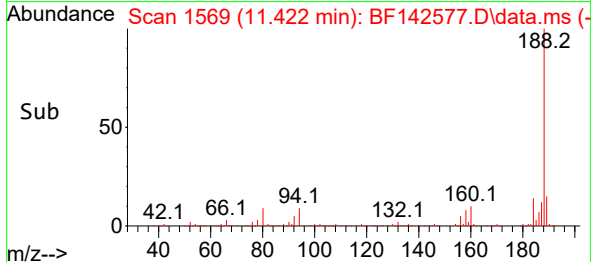
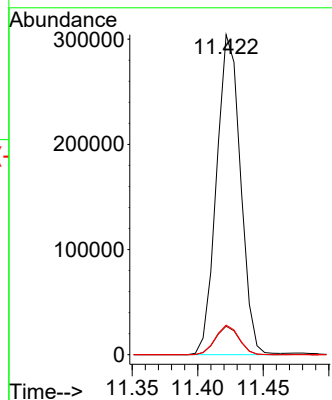
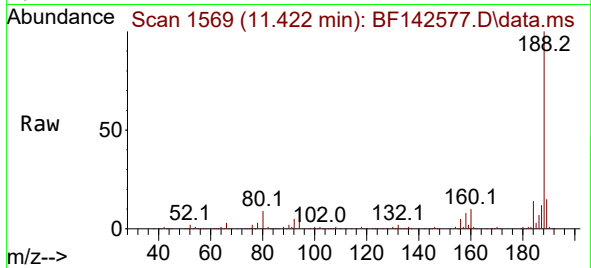




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

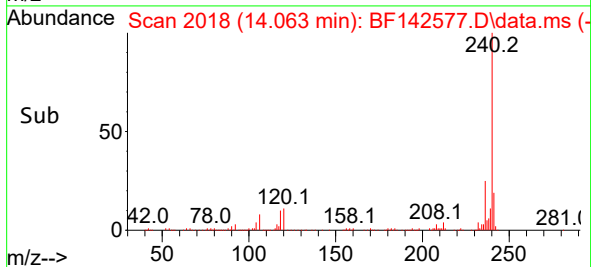
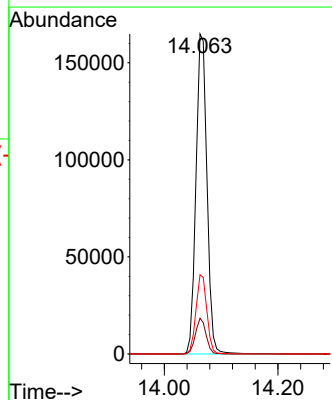
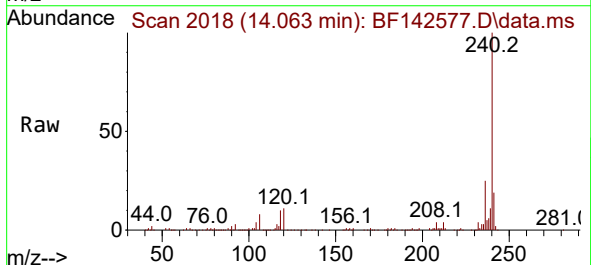
Instrument :  
BNA\_F  
ClientSampleId :  
TP04-MHN-WC

Tgt Ion:188 Resp: 386203  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.6 10.0  
80 9.3 7.4 11.0

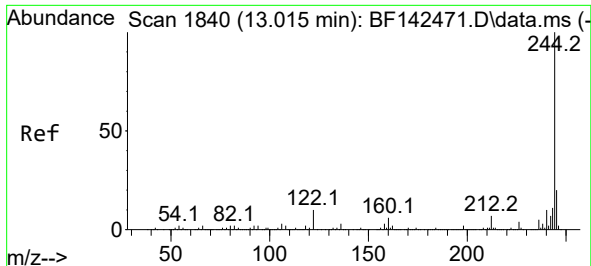


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion:240 Resp: 222868  
Ion Ratio Lower Upper  
240 100  
120 11.1 7.5 11.3  
236 24.8 19.6 29.4



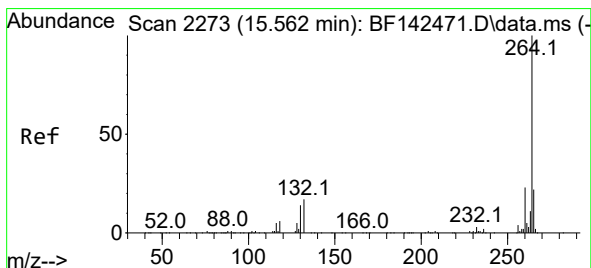
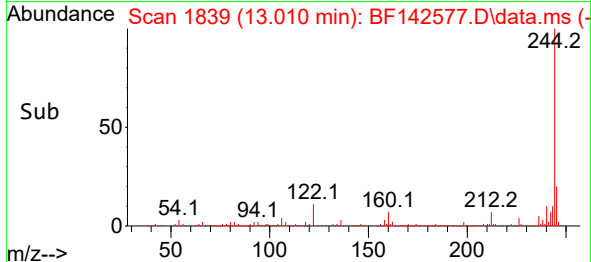
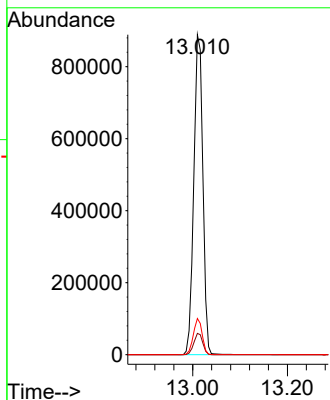
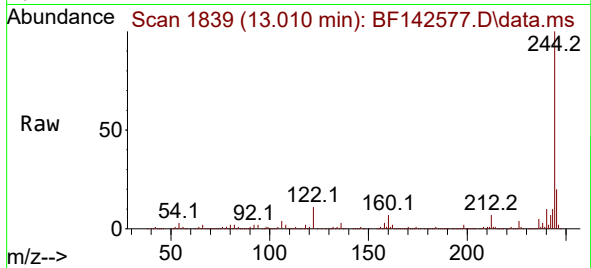




#79  
 Terphenyl-d14  
 Concen: 72.184 ng  
 RT: 13.010 min Scan# 1839  
 Delta R.T. -0.006 min  
 Lab File: BF142577.D  
 Acq: 30 May 2025 18:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP04-MHN-WC

Tgt Ion:244 Resp: 1177240  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.3 7.9  
 122 11.3 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.563 min Scan# 2273  
 Delta R.T. -0.006 min  
 Lab File: BF142577.D  
 Acq: 30 May 2025 18:46

Tgt Ion:264 Resp: 239278  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 18.6 28.0  
 265 21.3 17.7 26.5

