

Data Path : T:\svoasrv\HPCHEM1\BNA\_F\Data\BF032425\  
 Data File : BF142053.D  
 Acq On : 24 Mar 2025 14:25  
 Operator : RC/JU  
 Sample : Q1618-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP20250320-02

Quant Time: Mar 24 14:48:54 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 132504   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 513024   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 280866   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.392 | 188  | 453913   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.033 | 240  | 235597   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.504 | 264  | 264164   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.492  | 112  | 693909   | 87.402  | ng    | 0.00     |
| 7) Phenol-d6                | 6.492  | 99   | 572809   | 56.666  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 1000189  | 109.715 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 524170   | 147.108 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 2044627  | 110.711 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 1880949  | 118.036 | ng    | 0.00     |

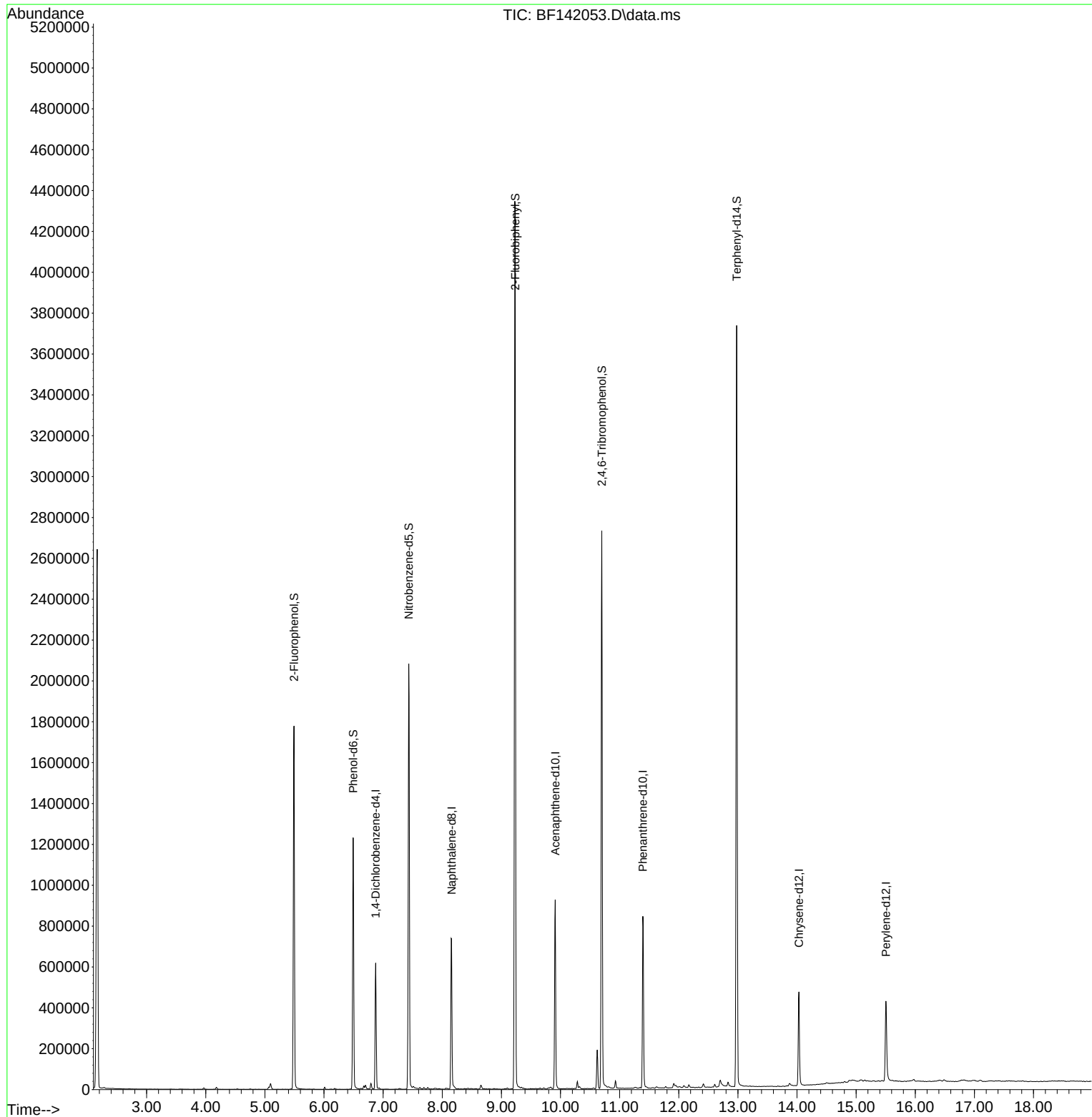
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

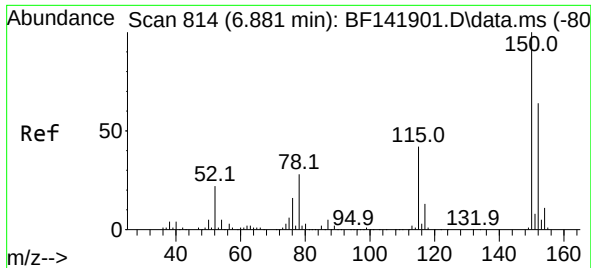
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : T:\svoasrv\HPCHEM1\BNA\_F\Data\BF032425\  
Data File : BF142053.D  
Acq On : 24 Mar 2025 14:25  
Operator : RC/JU  
Sample : Q1618-02  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP20250320-02

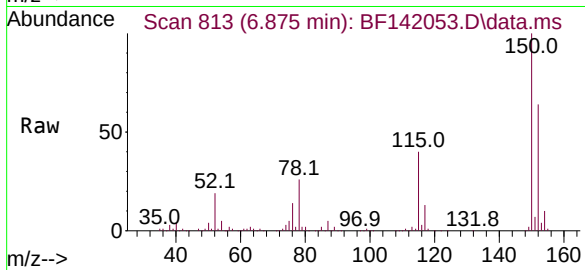
Quant Time: Mar 24 14:48:54 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 15:46:22 2025  
Response via : Initial Calibration



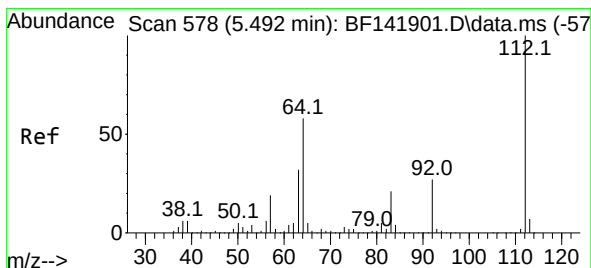
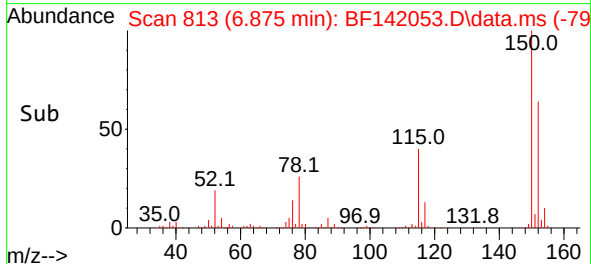
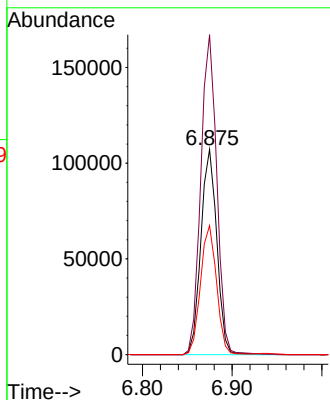


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF142053.D  
Acq: 24 Mar 2025 14:25

Instrument :  
BNA\_F  
ClientSampleId :  
TP20250320-02

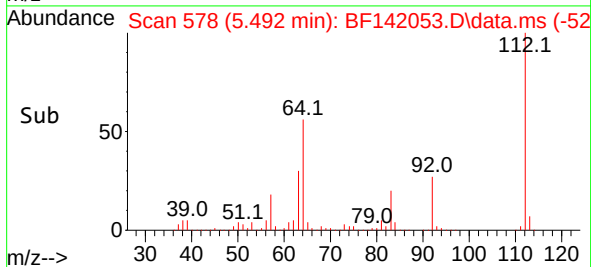
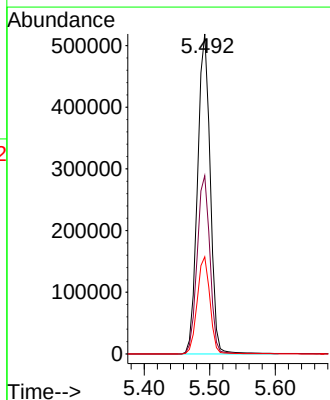
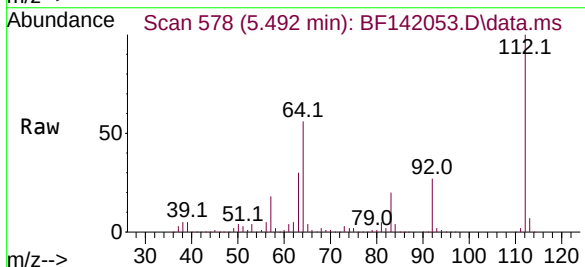


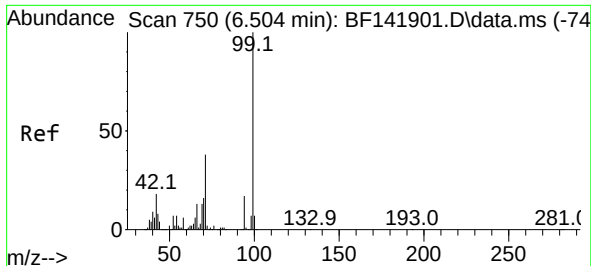
Tgt Ion:152 Resp: 132504  
Ion Ratio Lower Upper  
152 100  
150 155.9 127.4 191.2  
115 62.9 51.9 77.9



#5  
2-Fluorophenol  
Concen: 87.402 ng  
RT: 5.492 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: BF142053.D  
Acq: 24 Mar 2025 14:25

Tgt Ion:112 Resp: 693909  
Ion Ratio Lower Upper  
112 100  
64 55.7 46.5 69.7  
63 30.3 25.4 38.2

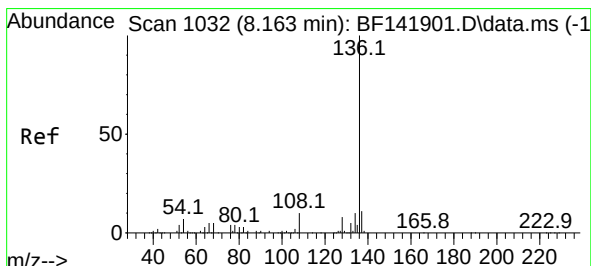
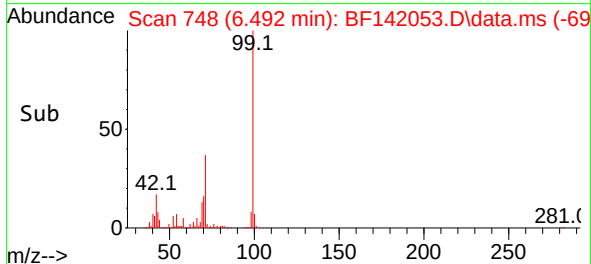
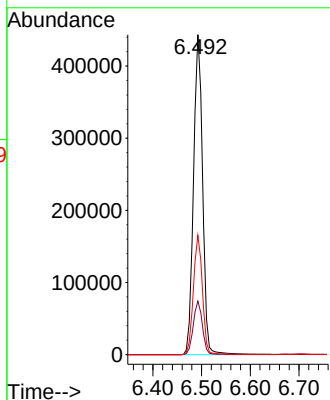
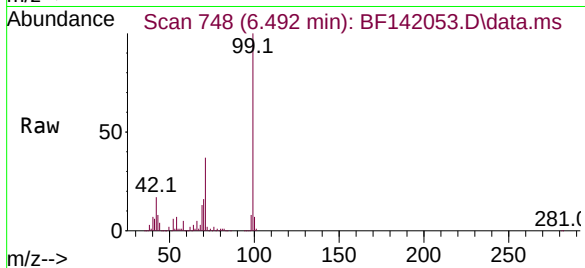




#7  
Phenol-d6  
Concen: 56.666 ng  
RT: 6.492 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF142053.D  
Acq: 24 Mar 2025 14:25

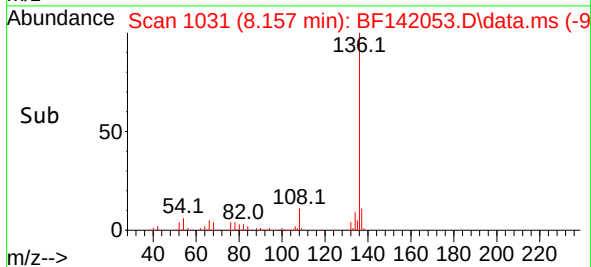
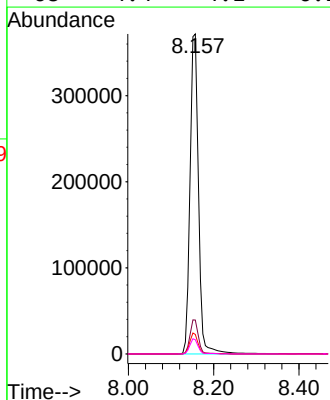
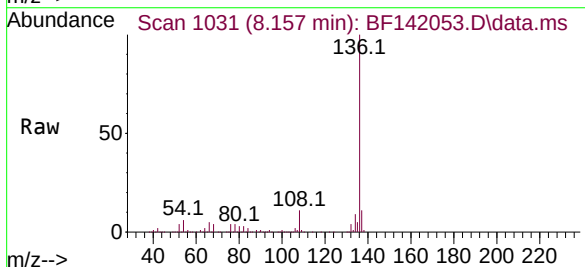
Instrument :  
BNA\_F  
ClientSampleId :  
TP20250320-02

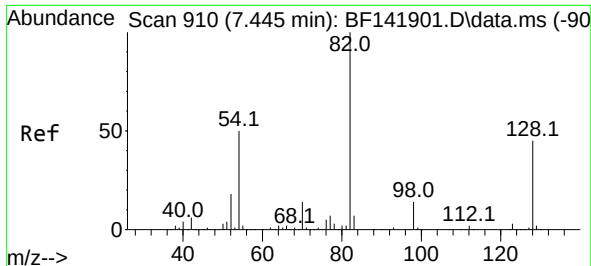
Tgt Ion: 99 Resp: 572809  
Ion Ratio Lower Upper  
99 100  
42 16.7 14.6 21.8  
71 37.3 30.8 46.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF142053.D  
Acq: 24 Mar 2025 14:25

Tgt Ion: 136 Resp: 513024  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.8 13.2  
54 6.1 5.8 8.8  
68 4.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 109.715 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142053.D

Acq: 24 Mar 2025 14:25

Instrument :

BNA\_F

ClientSampleId :

TP20250320-02

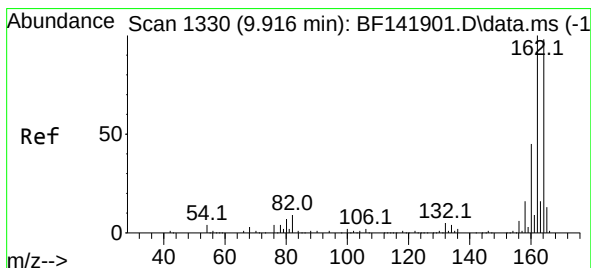
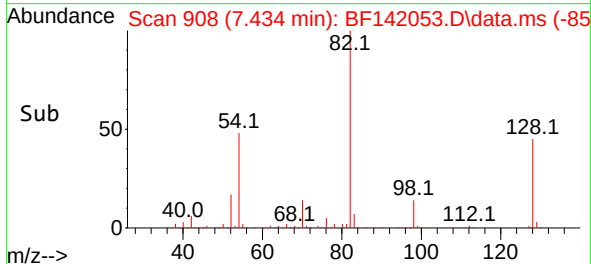
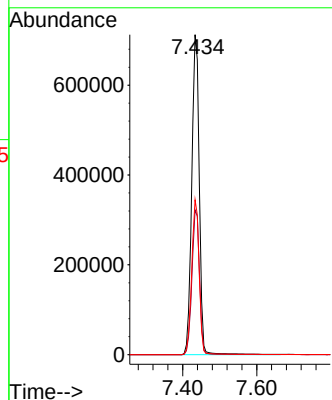
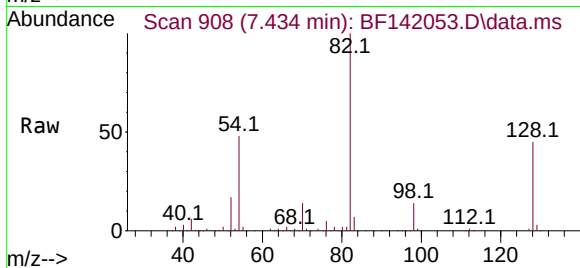
Tgt Ion: 82 Resp: 1000189

Ion Ratio Lower Upper

82 100

128 45.2 36.0 54.0

54 48.4 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF142053.D

Acq: 24 Mar 2025 14:25

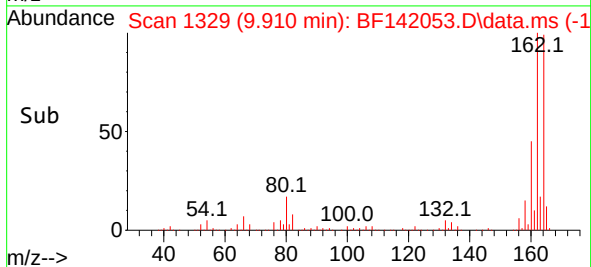
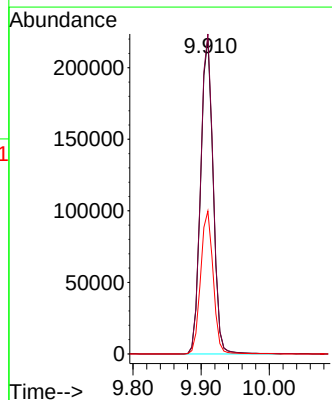
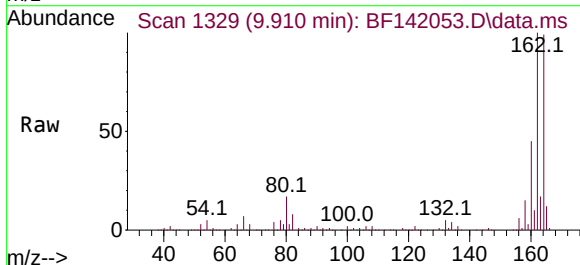
Tgt Ion:164 Resp: 280866

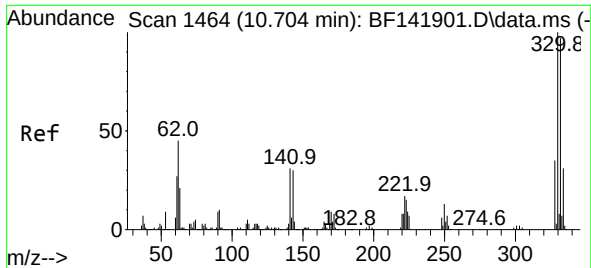
Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.6

160 45.3 36.7 55.1

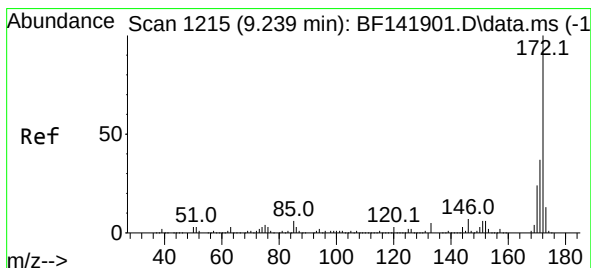
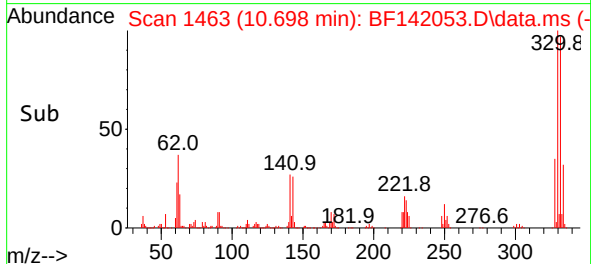
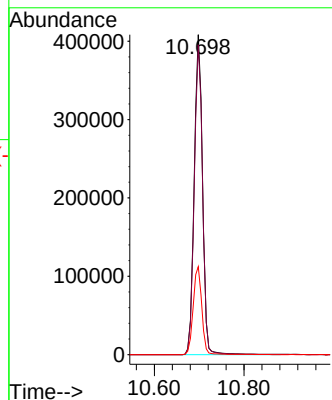
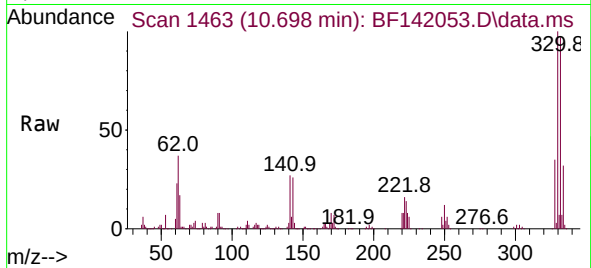




#42  
 2,4,6-Tribromophenol  
 Concen: 147.108 ng  
 RT: 10.698 min Scan# 1463  
 Delta R.T. -0.006 min  
 Lab File: BF142053.D  
 Acq: 24 Mar 2025 14:25

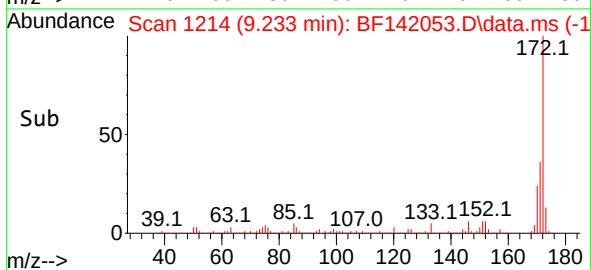
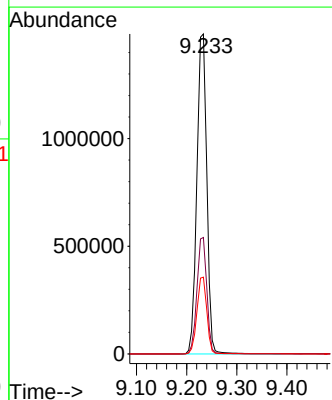
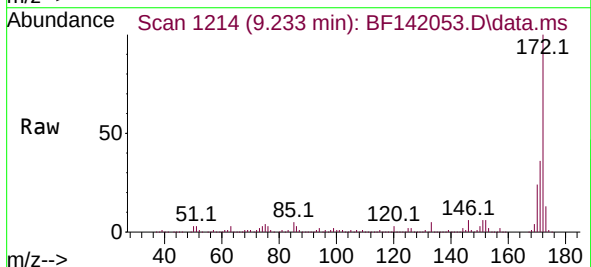
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP20250320-02

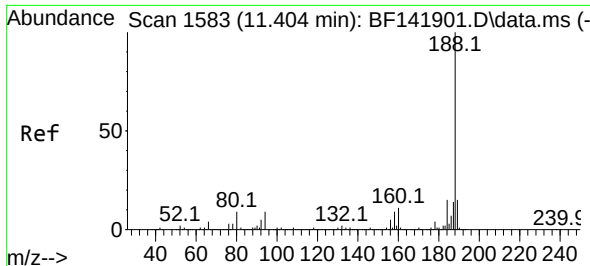
Tgt Ion:330 Resp: 524170  
 Ion Ratio Lower Upper  
 330 100  
 332 96.9 77.6 116.4  
 141 28.3 24.7 37.1



#45  
 2-Fluorobiphenyl  
 Concen: 110.711 ng  
 RT: 9.233 min Scan# 1214  
 Delta R.T. -0.006 min  
 Lab File: BF142053.D  
 Acq: 24 Mar 2025 14:25

Tgt Ion:172 Resp: 2044627  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.3 43.9  
 170 24.0 19.4 29.0

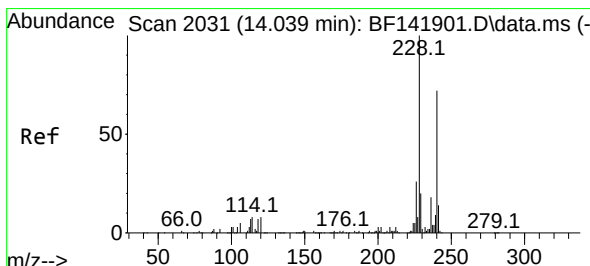
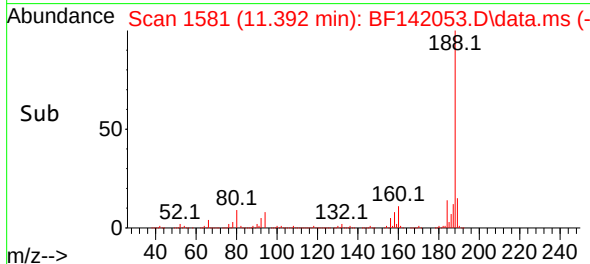
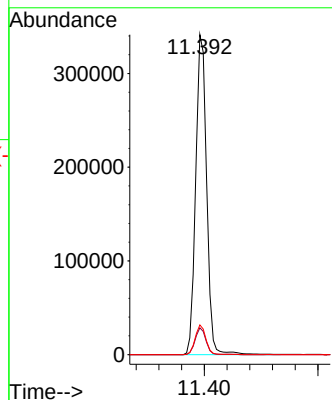
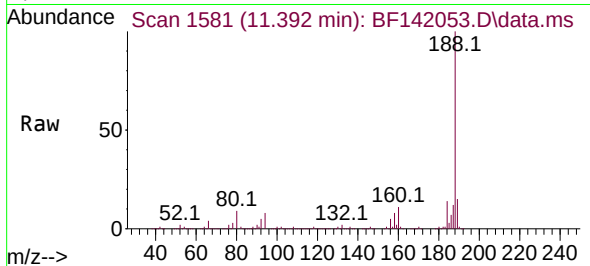




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF142053.D  
Acq: 24 Mar 2025 14:25

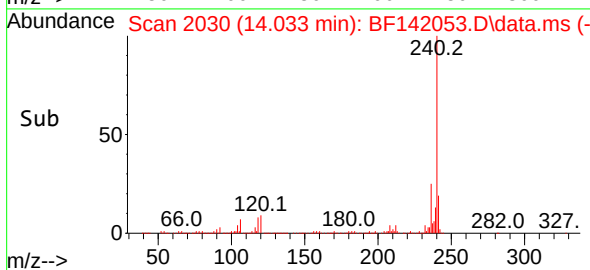
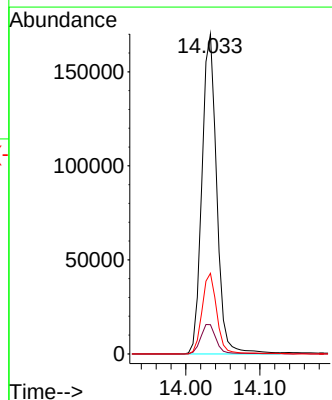
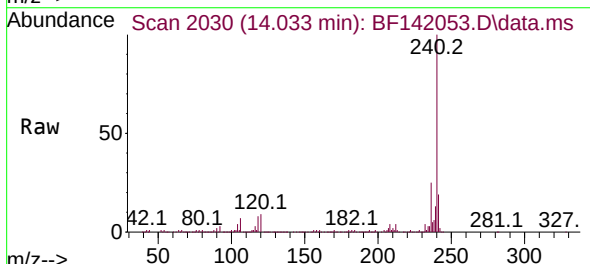
Instrument :  
BNA\_F  
ClientSampleId :  
TP20250320-02

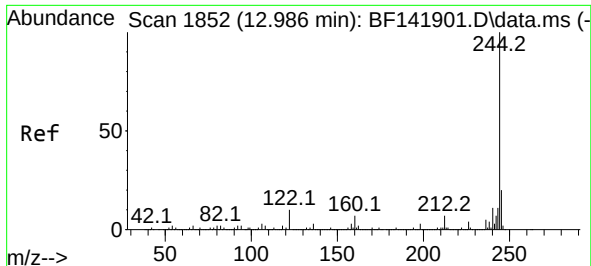
Tgt Ion:188 Resp: 453913  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.8 10.2  
80 9.3 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF142053.D  
Acq: 24 Mar 2025 14:25

Tgt Ion:240 Resp: 235597  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.4 12.6  
236 25.2 20.5 30.7

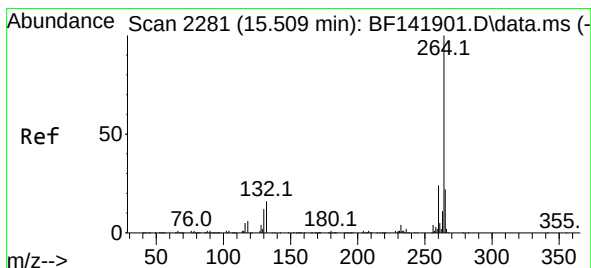
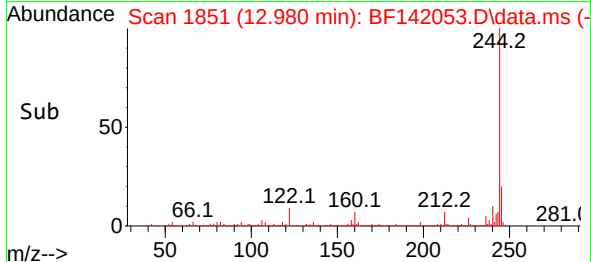
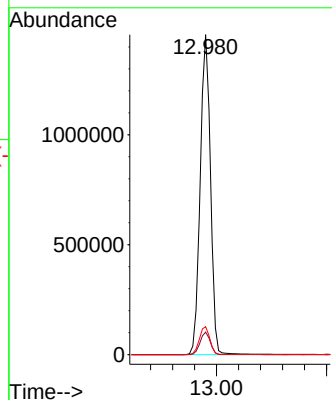
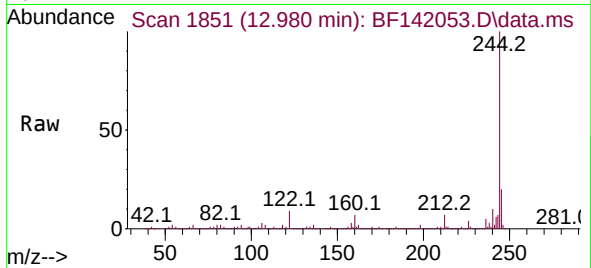




#79  
 Terphenyl-d14  
 Concen: 118.036 ng  
 RT: 12.980 min Scan# 1851  
 Delta R.T. -0.006 min  
 Lab File: BF142053.D  
 Acq: 24 Mar 2025 14:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP20250320-02

Tgt Ion:244 Resp: 1880949  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.0 9.0  
 122 8.7 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.504 min Scan# 2280  
 Delta R.T. -0.006 min  
 Lab File: BF142053.D  
 Acq: 24 Mar 2025 14:25

Tgt Ion:264 Resp: 264164  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.1 28.7  
 265 21.5 17.5 26.3

