

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030525\  
 Data File : BF141848.D  
 Acq On : 05 Mar 2025 17:20  
 Operator : RC/JU  
 Sample : Q1485-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DN-B-41

Quant Time: Mar 06 00:12:21 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

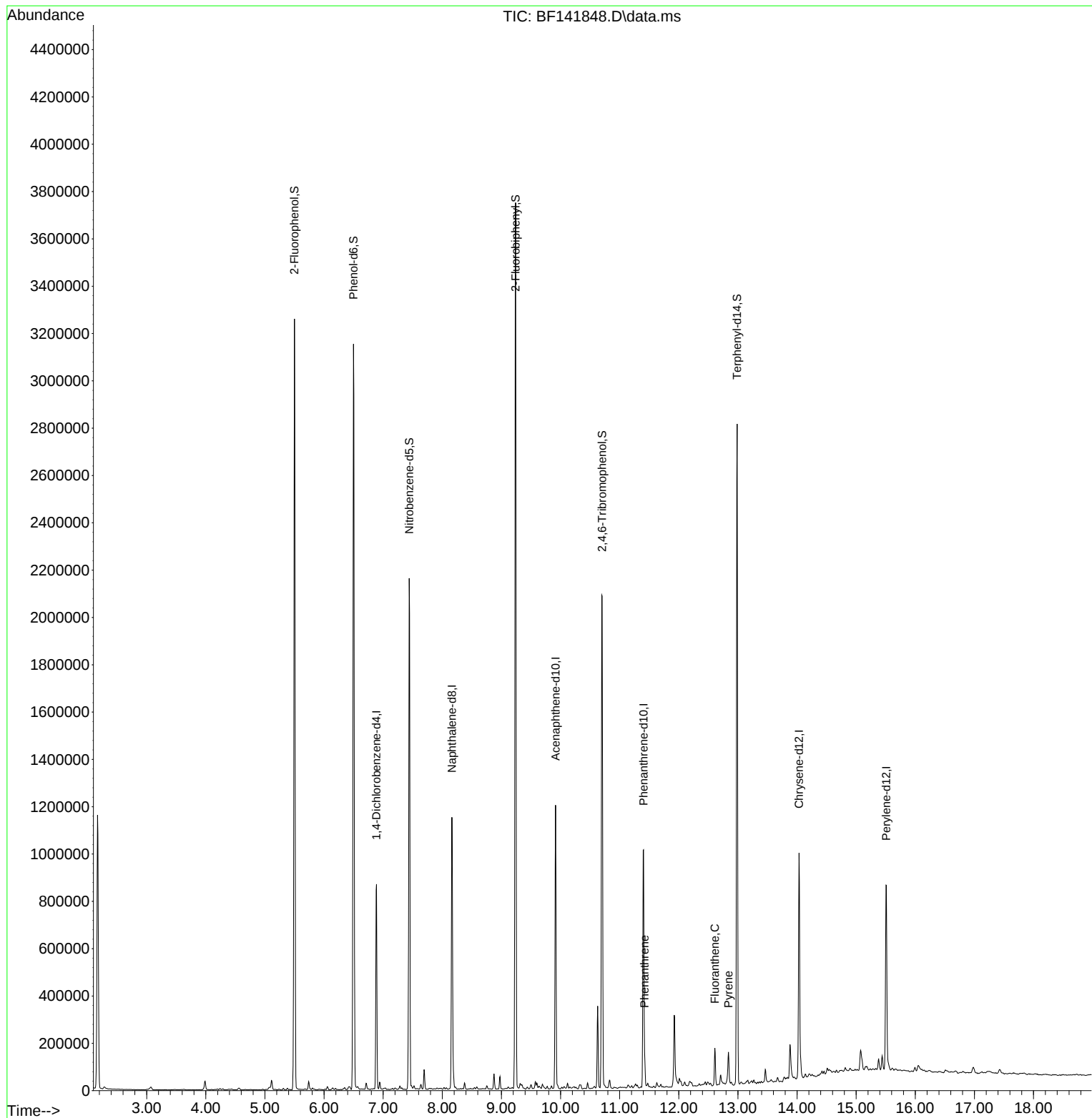
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 184965   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 688845   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.916  | 164  | 344199   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.404 | 188  | 520985   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.033 | 240  | 419399   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 15.510 | 264  | 456966   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.499  | 112  | 1220622  | 105.388 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 1515049  | 100.500 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.440  | 82   | 966701   | 89.703  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 342039   | 105.848 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 1627909  | 75.836  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1336212  | 51.547  | ng    | -0.01    |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene            | 11.422 | 178  | 59607    | 2.139   | ng    | 97       |
| 75) Fluoranthene            | 12.610 | 202  | 84247    | 2.950   | ng    | 98       |
| 78) Pyrene                  | 12.839 | 202  | 76121    | 2.096   | ng    | 98       |
| -----                       |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030525\  
Data File : BF141848.D  
Acq On : 05 Mar 2025 17:20  
Operator : RC/JU  
Sample : Q1485-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DN-B-41

Quant Time: Mar 06 00:12:21 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 28 01:48:16 2025  
Response via : Initial Calibration

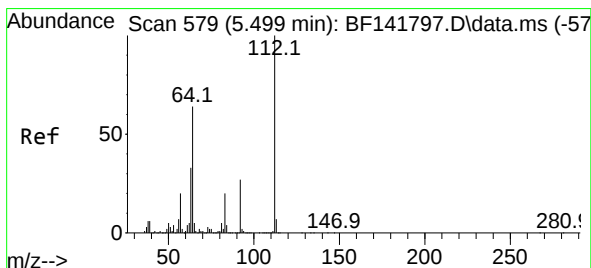
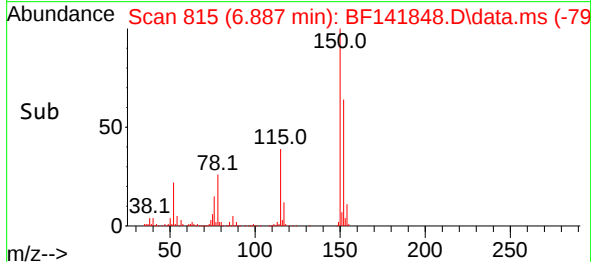
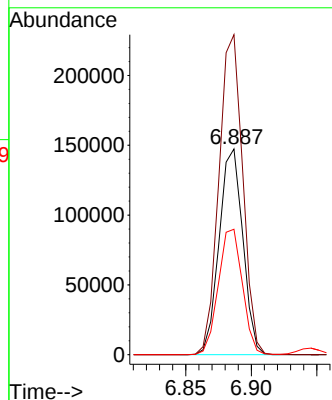
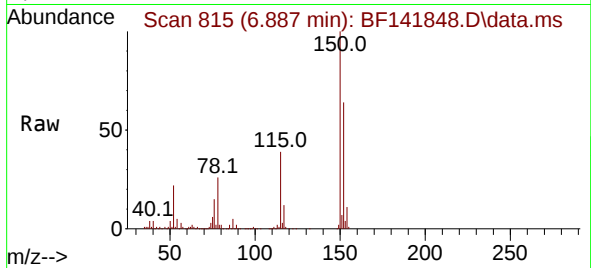




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.887 min Scan# 816  
 Delta R.T. -0.006 min  
 Lab File: BF141848.D  
 Acq: 05 Mar 2025 17:20

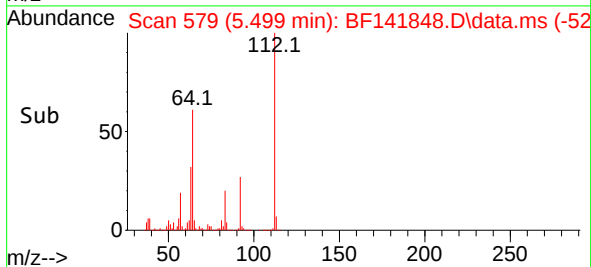
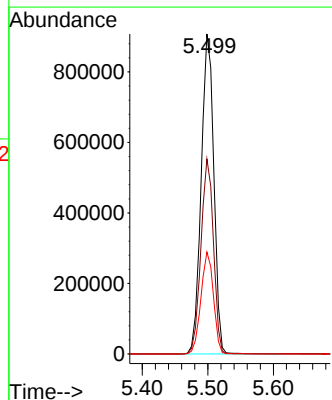
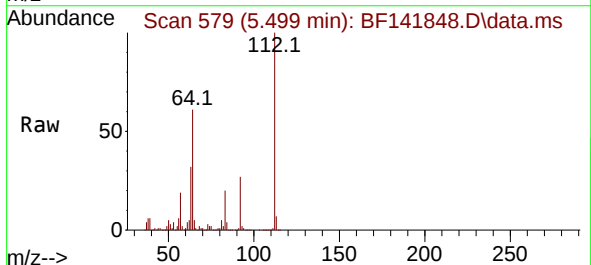
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DN-B-41

Tgt Ion:152 Resp: 184965  
 Ion Ratio Lower Upper  
 152 100  
 150 155.5 127.5 191.3  
 115 60.9 51.4 77.2



#5  
 2-Fluorophenol  
 Concen: 105.388 ng  
 RT: 5.499 min Scan# 579  
 Delta R.T. -0.000 min  
 Lab File: BF141848.D  
 Acq: 05 Mar 2025 17:20

Tgt Ion:112 Resp: 1220622  
 Ion Ratio Lower Upper  
 112 100  
 64 60.9 51.3 76.9  
 63 31.9 26.2 39.4

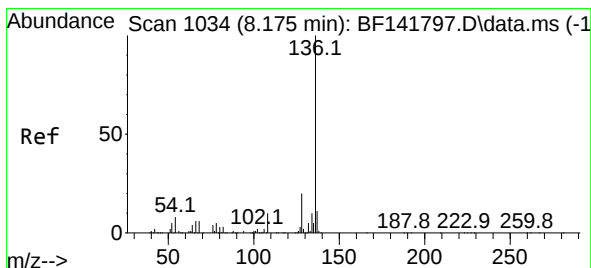
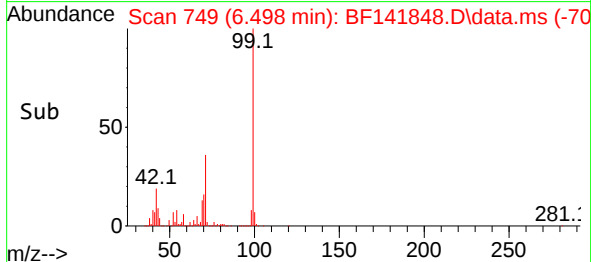
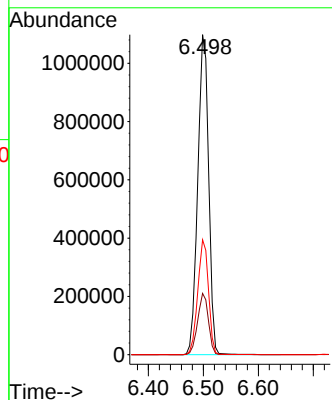
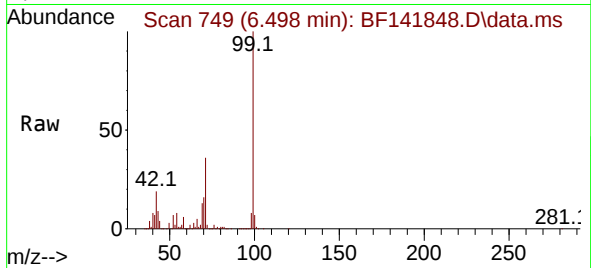




#7  
Phenol-d6  
Concen: 100.500 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.012 min  
Lab File: BF141848.D  
Acq: 05 Mar 2025 17:20

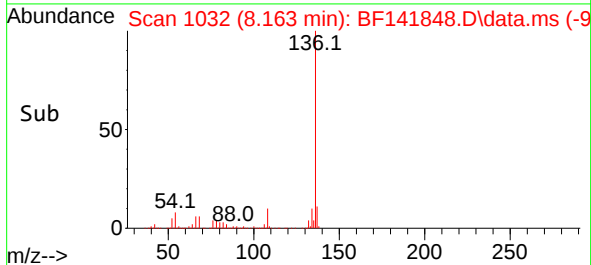
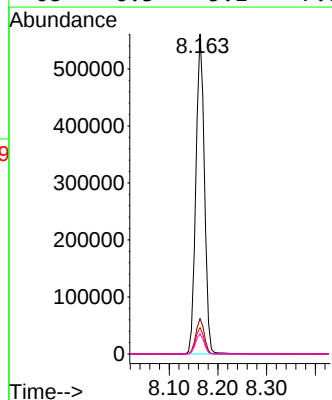
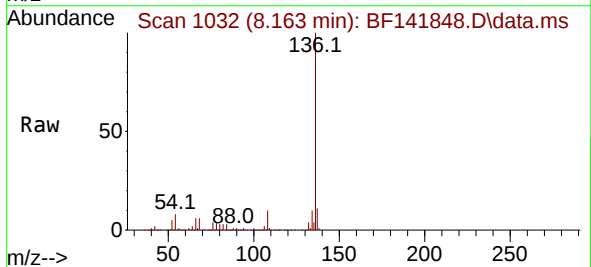
Instrument :  
BNA\_F  
ClientSampleId :  
DN-B-41

Tgt Ion: 99 Resp: 1515049  
Ion Ratio Lower Upper  
99 100  
42 19.1 15.2 22.8  
71 35.9 28.2 42.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. -0.012 min  
Lab File: BF141848.D  
Acq: 05 Mar 2025 17:20

Tgt Ion: 136 Resp: 688845  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 8.2 6.9 10.3  
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 89.703 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF141848.D

Acq: 05 Mar 2025 17:20

Instrument :

BNA\_F

ClientSampleId :

DN-B-41

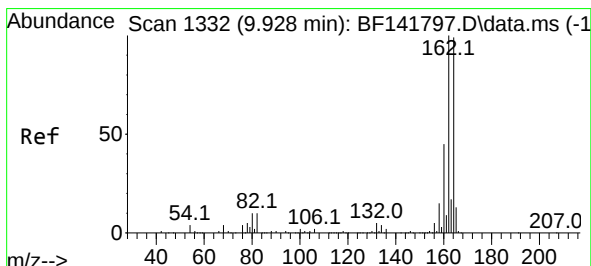
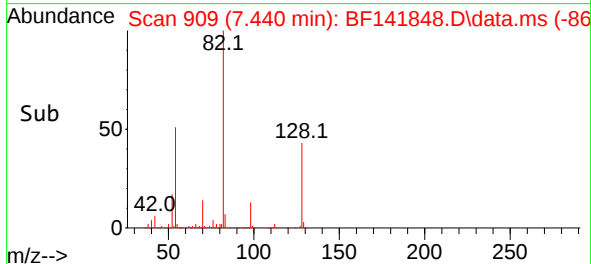
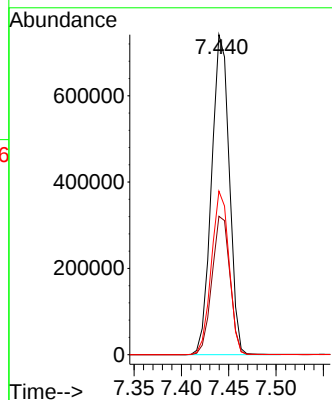
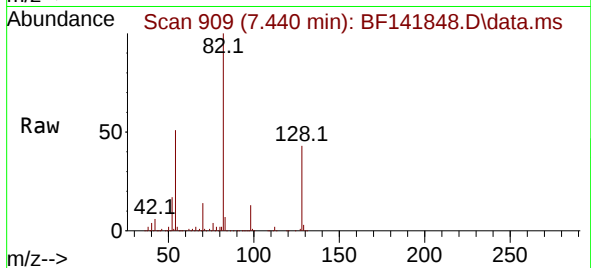
Tgt Ion: 82 Resp: 966701

Ion Ratio Lower Upper

82 100

128 43.2 33.5 50.3

54 51.1 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.012 min

Lab File: BF141848.D

Acq: 05 Mar 2025 17:20

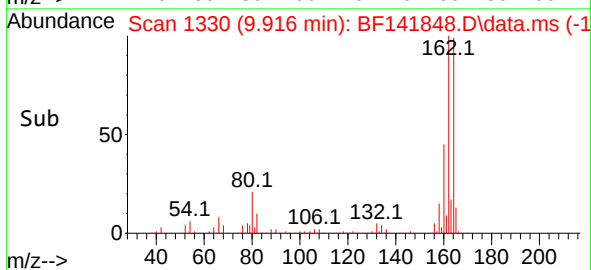
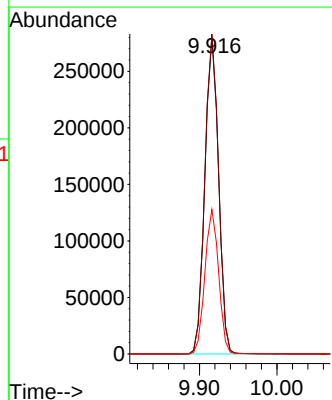
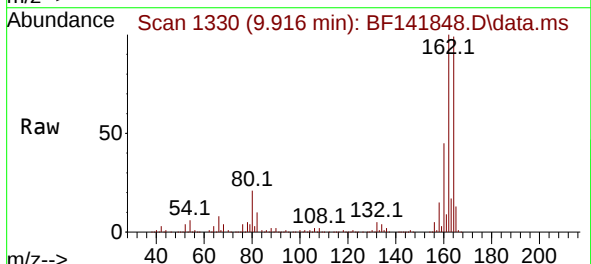
Tgt Ion: 164 Resp: 344199

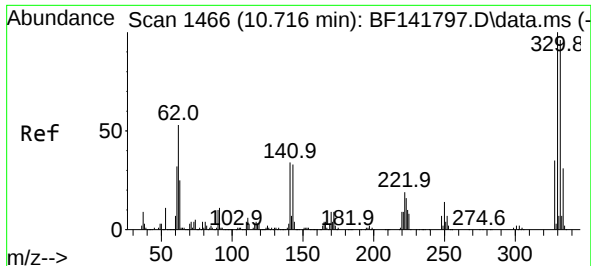
Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

160 45.7 36.3 54.5

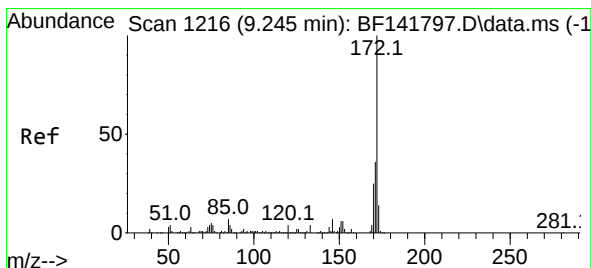
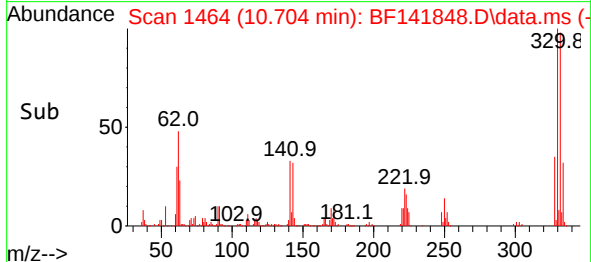
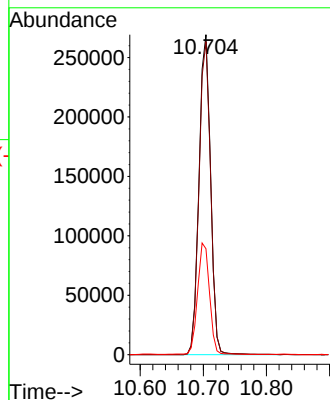
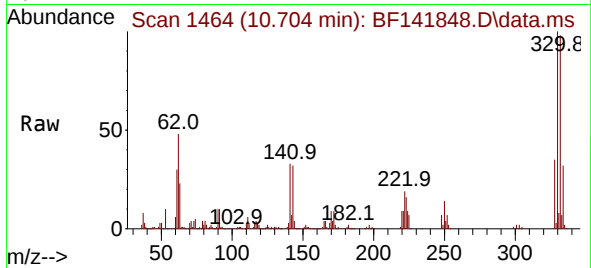




#42  
 2,4,6-Tribromophenol  
 Concen: 105.848 ng  
 RT: 10.704 min Scan# 1466  
 Delta R.T. -0.012 min  
 Lab File: BF141848.D  
 Acq: 05 Mar 2025 17:20

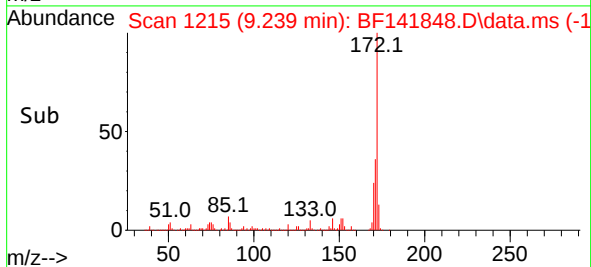
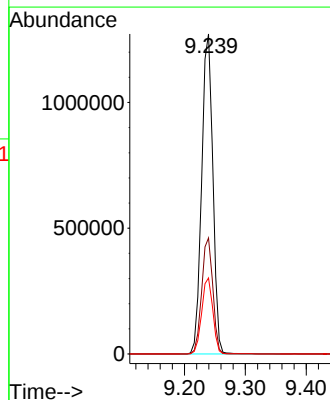
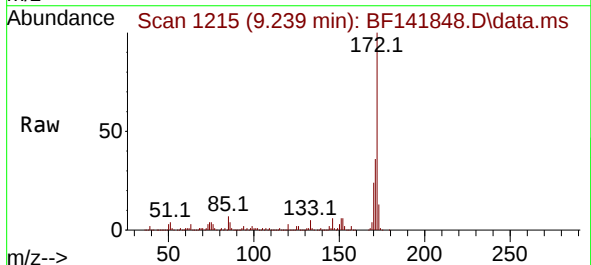
Instrument :  
 BNA\_F  
 ClientSampleId :  
 DN-B-41

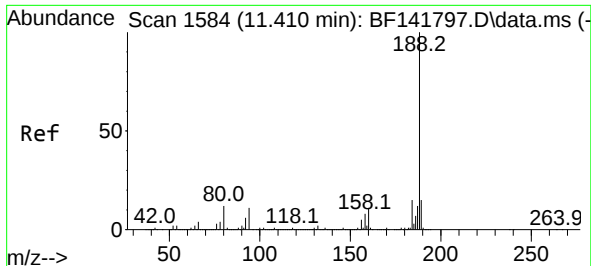
Tgt Ion: 330 Resp: 342039  
 Ion Ratio Lower Upper  
 330 100  
 332 97.8 76.6 115.0  
 141 35.9 29.0 43.4



#45  
 2-Fluorobiphenyl  
 Concen: 75.836 ng  
 RT: 9.239 min Scan# 1215  
 Delta R.T. -0.006 min  
 Lab File: BF141848.D  
 Acq: 05 Mar 2025 17:20

Tgt Ion: 172 Resp: 1627909  
 Ion Ratio Lower Upper  
 172 100  
 171 36.3 29.2 43.8  
 170 23.8 19.7 29.5

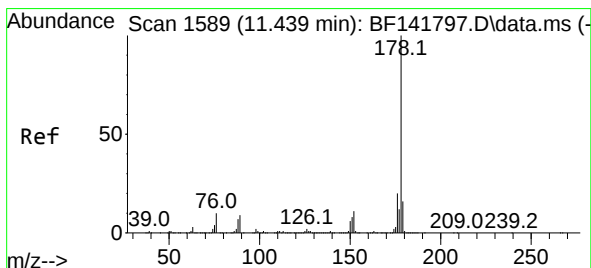
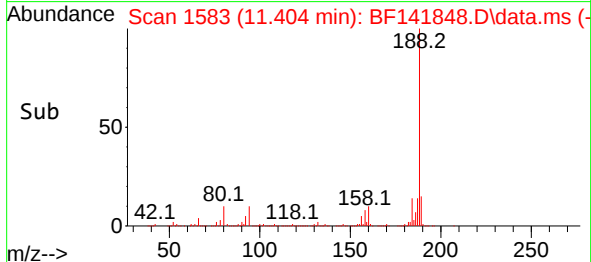
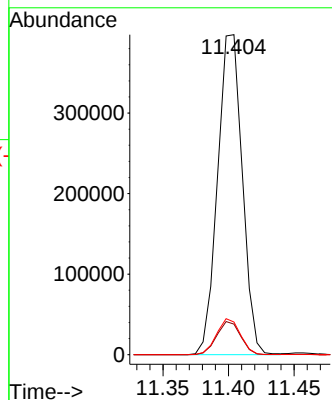
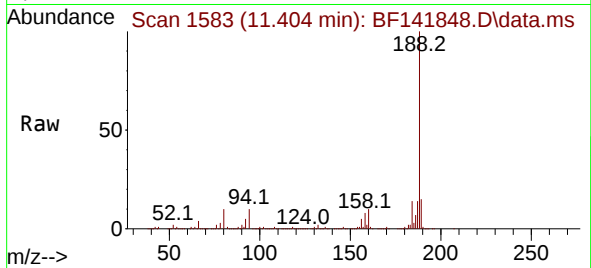




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141848.D  
Acq: 05 Mar 2025 17:20

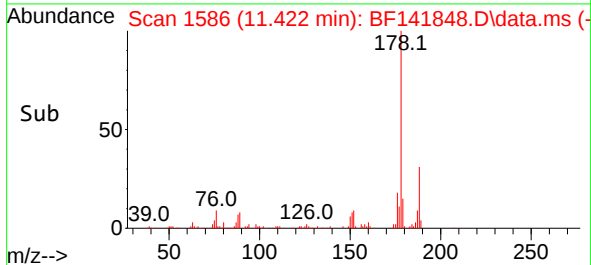
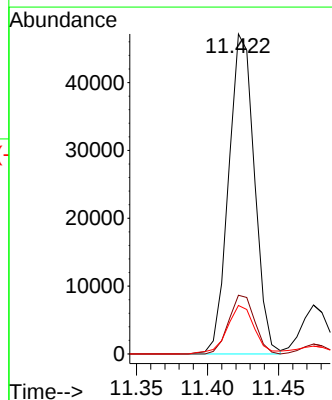
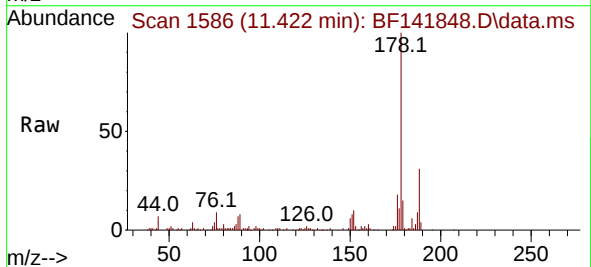
Instrument :  
BNA\_F  
ClientSampleId :  
DN-B-41

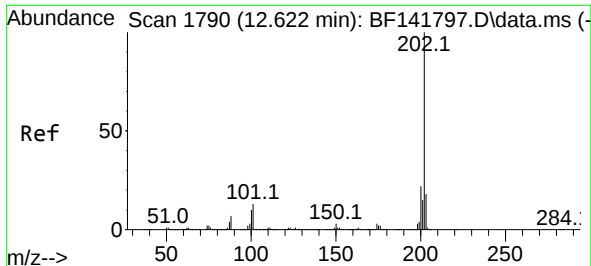
Tgt Ion:188 Resp: 520985  
Ion Ratio Lower Upper  
188 100  
94 9.6 8.9 13.3  
80 10.2 9.7 14.5



#71  
Phenanthrene  
Concen: 2.139 ng  
RT: 11.422 min Scan# 1586  
Delta R.T. -0.018 min  
Lab File: BF141848.D  
Acq: 05 Mar 2025 17:20

Tgt Ion:178 Resp: 59607  
Ion Ratio Lower Upper  
178 100  
176 18.4 16.0 24.0  
179 15.2 12.6 19.0

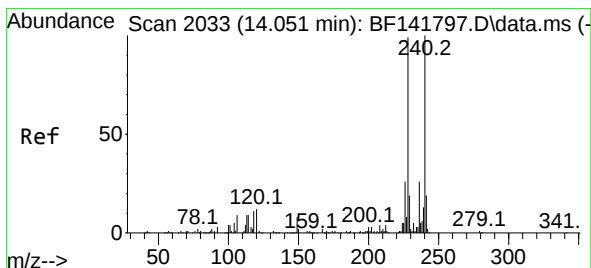
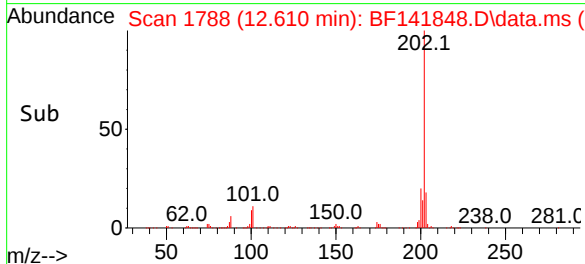
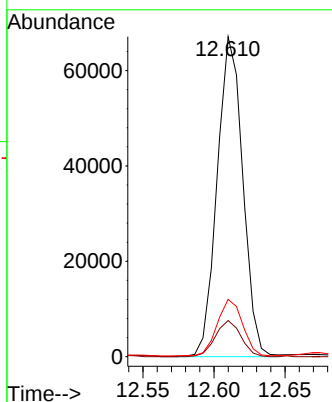
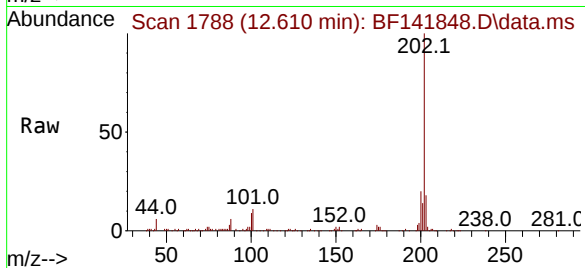




#75  
Fluoranthene  
Concen: 2.950 ng  
RT: 12.610 min Scan# 1788  
Delta R.T. -0.012 min  
Lab File: BF141848.D  
Acq: 05 Mar 2025 17:20

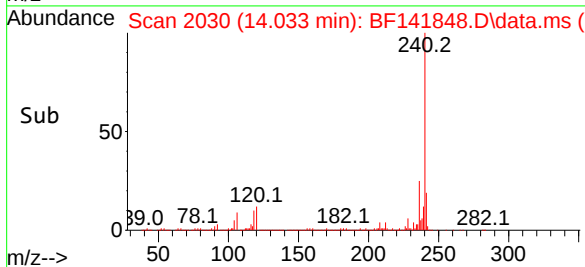
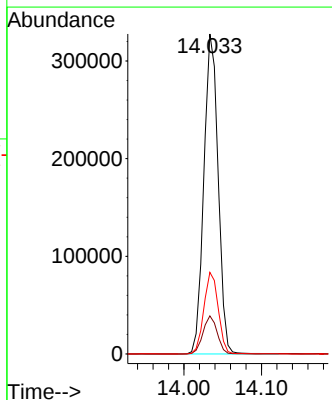
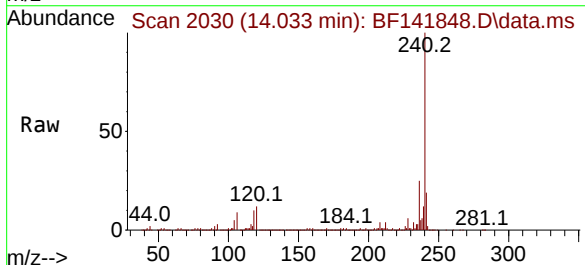
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ClientSampleId :  
DN-B-41

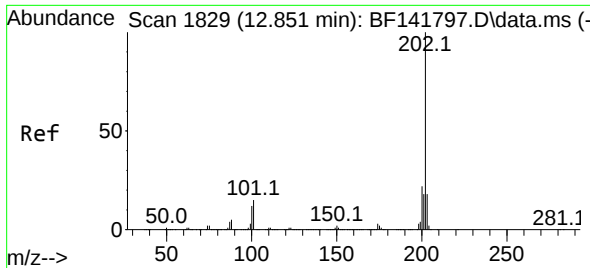
Tgt Ion:202 Resp: 84247  
Ion Ratio Lower Upper  
202 100  
101 11.3 0.0 32.8  
203 17.9 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.018 min  
Lab File: BF141848.D  
Acq: 05 Mar 2025 17:20

Tgt Ion:240 Resp: 419399  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.7 14.5  
236 25.5 21.0 31.4

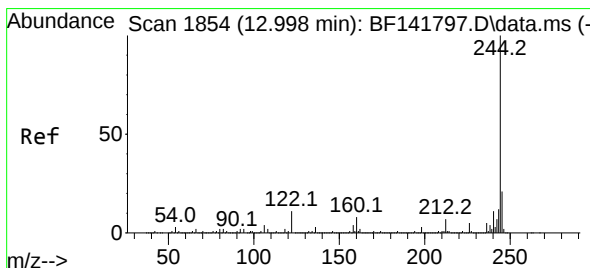
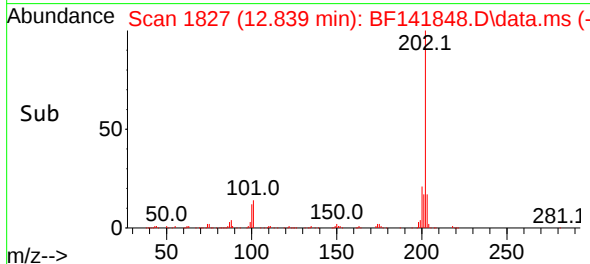
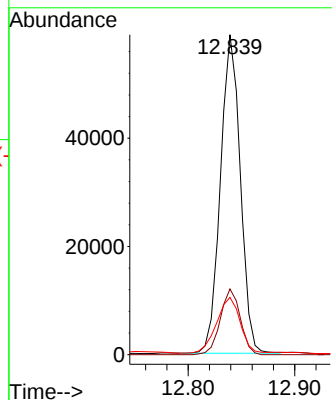
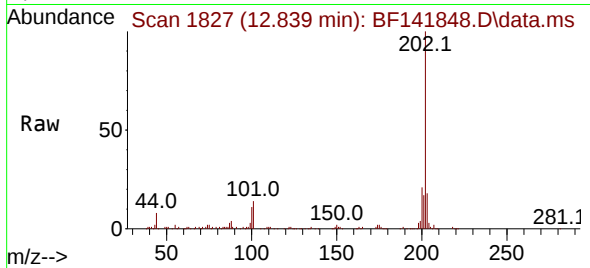




#78  
Pyrene  
Concen: 2.096 ng  
RT: 12.839 min Scan# 1827  
Delta R.T. -0.012 min  
Lab File: BF141848.D  
Acq: 05 Mar 2025 17:20

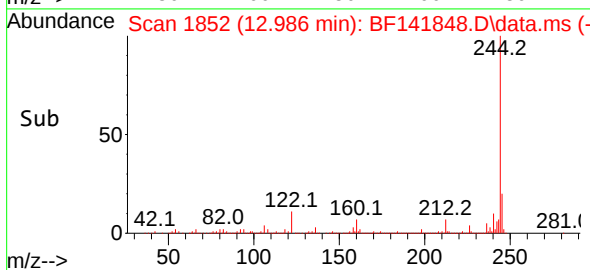
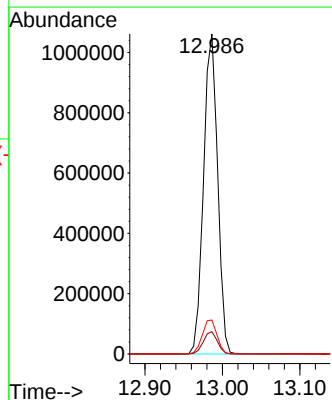
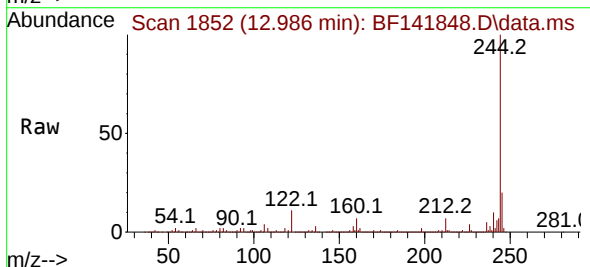
Instrument :  
BNA\_F  
ClientSampleId :  
DN-B-41

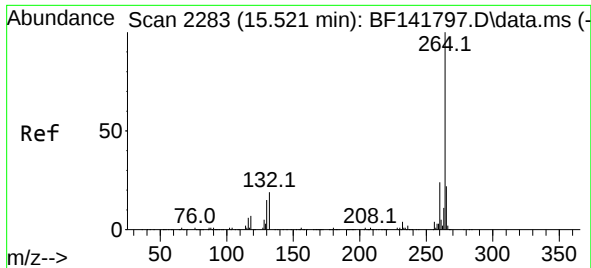
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 76121 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 20.6  | 17.4  | 26.0  |
| 203       | 17.9  | 14.6  | 22.0  |



#79  
Terphenyl-d14  
Concen: 51.547 ng  
RT: 12.986 min Scan# 1852  
Delta R.T. -0.012 min  
Lab File: BF141848.D  
Acq: 05 Mar 2025 17:20

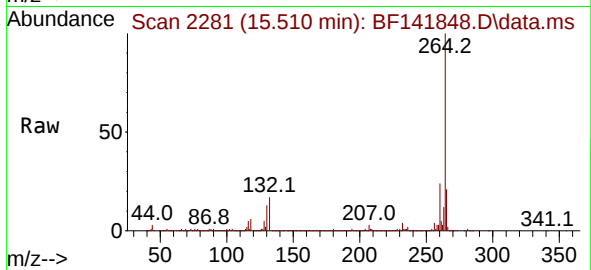
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1336212 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 7.0   | 6.0   | 9.0     |
| 122       | 10.6  | 9.0   | 13.6    |





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.510 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF141848.D  
Acq: 05 Mar 2025 17:20

Instrument :  
BNA\_F  
ClientSampleId :  
DN-B-41



Tgt Ion:264 Resp: 456966  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.9 28.3  
265 21.4 17.4 26.0

