

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021025\  
 Data File : BF141540.D  
 Acq On : 10 Feb 2025 17:42  
 Operator : RC/JU  
 Sample : Q1299-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-2

Quant Time: Feb 11 00:06:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.787  | 152  | 72533    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.069  | 136  | 283795   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 160169   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.310 | 188  | 281543   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.951 | 240  | 210238   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.409 | 264  | 151641   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 632388   | 136.686 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 715627   | 122.379 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 568663   | 104.514 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 247082   | 153.565 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 1040030  | 100.039 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.898 | 244  | 1292281  | 103.768 | ng    | 0.00     |

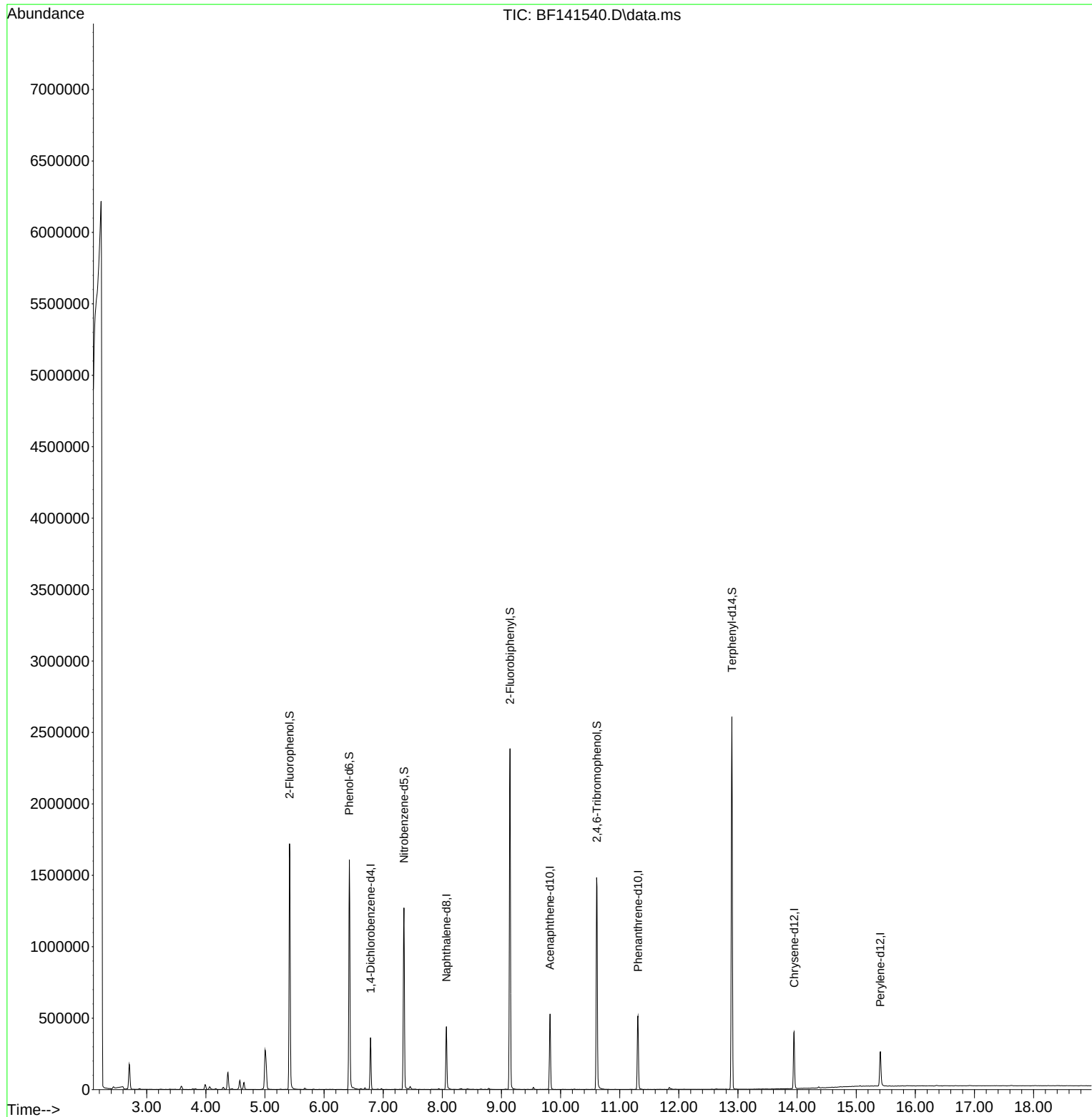
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

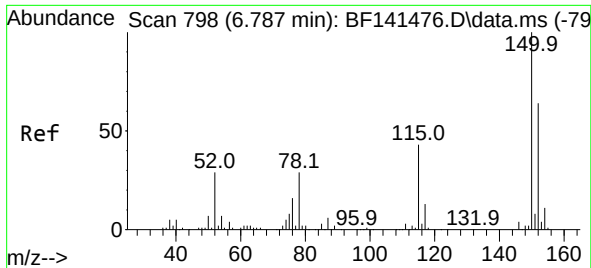
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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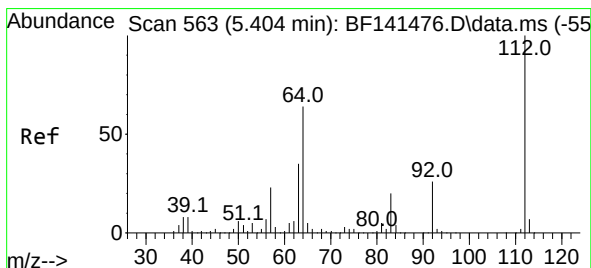
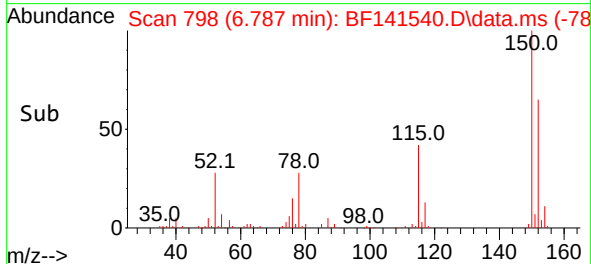
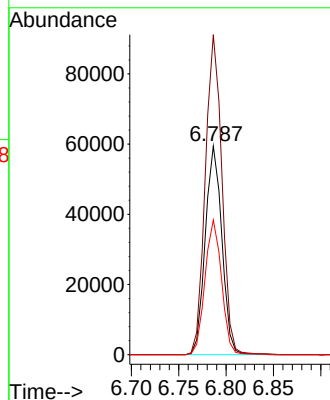
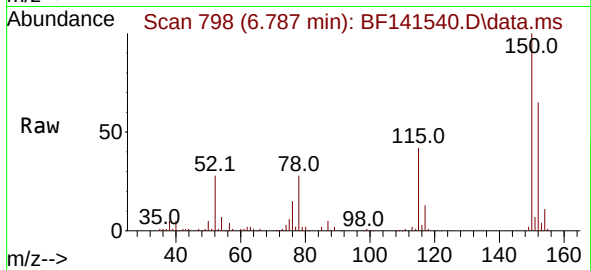




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 798  
 Delta R.T. -0.005 min  
 Lab File: BF141540.D  
 Acq: 10 Feb 2025 17:42

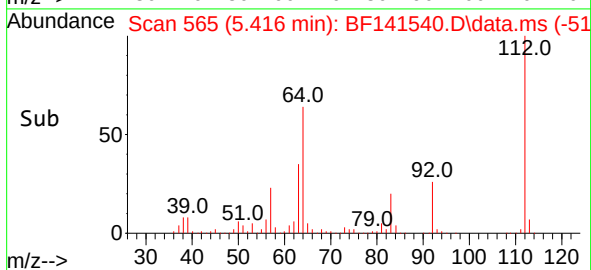
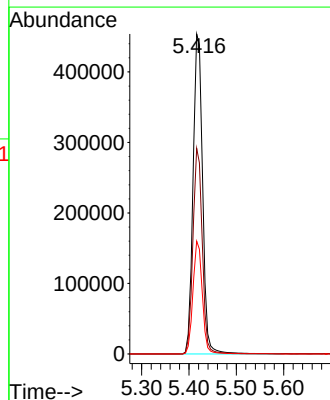
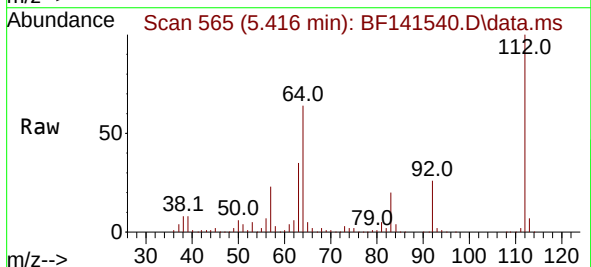
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-2

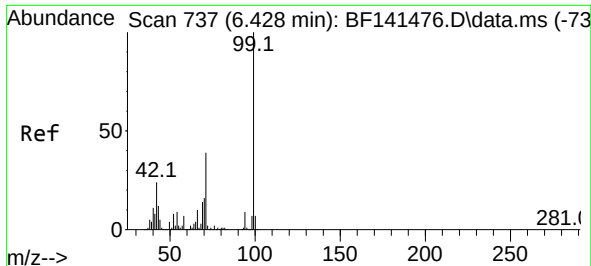
Tgt Ion:152 Resp: 72533  
 Ion Ratio Lower Upper  
 152 100  
 150 153.4 125.0 187.4  
 115 64.6 53.6 80.4



#5  
 2-Fluorophenol  
 Concen: 136.686 ng  
 RT: 5.416 min Scan# 565  
 Delta R.T. 0.006 min  
 Lab File: BF141540.D  
 Acq: 10 Feb 2025 17:42

Tgt Ion:112 Resp: 632388  
 Ion Ratio Lower Upper  
 112 100  
 64 64.2 51.1 76.7  
 63 35.2 28.4 42.6

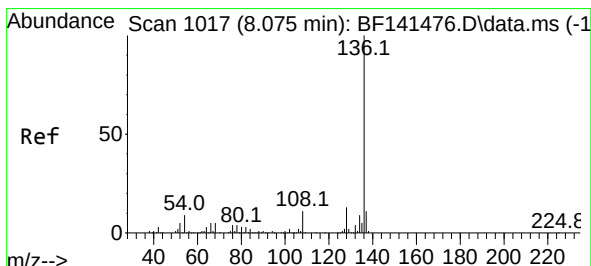
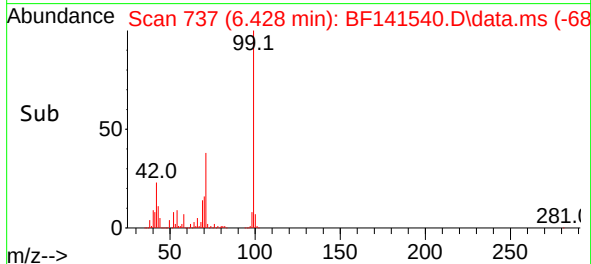
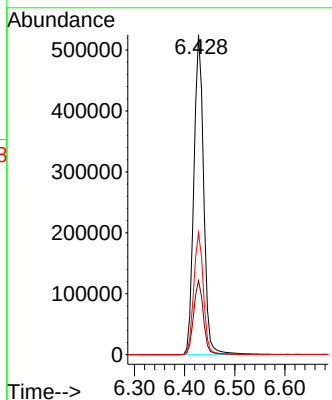
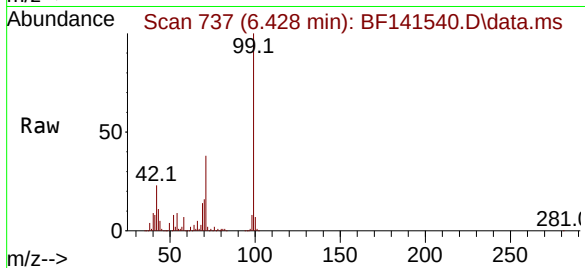




#7  
Phenol-d6  
Concen: 122.379 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141540.D  
Acq: 10 Feb 2025 17:42

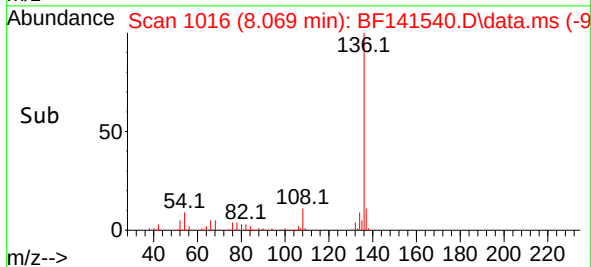
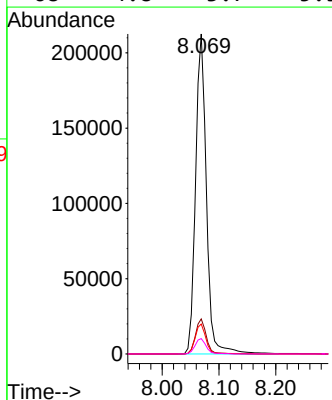
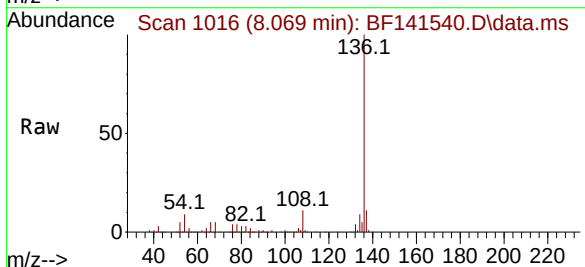
Instrument :  
BNA\_F  
ClientSampleId :  
WC-2

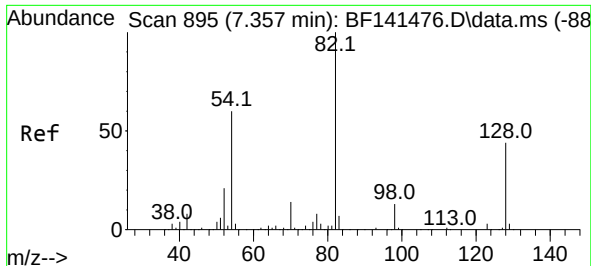
Tgt Ion: 99 Resp: 715627  
Ion Ratio Lower Upper  
99 100  
42 23.1 19.1 28.7  
71 38.1 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF141540.D  
Acq: 10 Feb 2025 17:42

Tgt Ion: 136 Resp: 283795  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 9.3 7.2 10.8  
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 104.514 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141540.D

Acq: 10 Feb 2025 17:42

Instrument :

BNA\_F

ClientSampleId :

WC-2

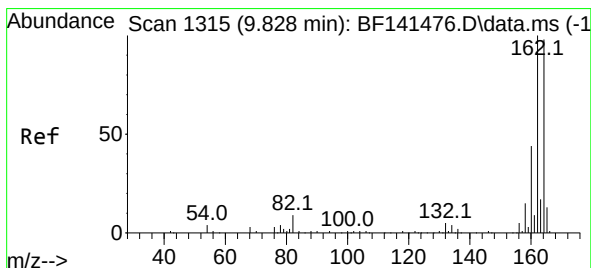
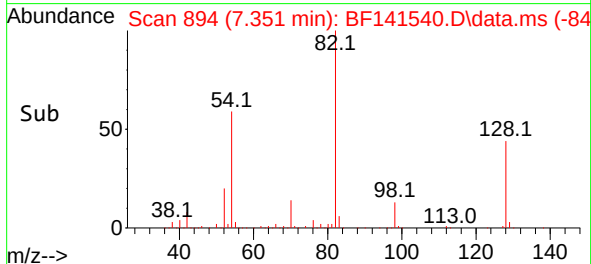
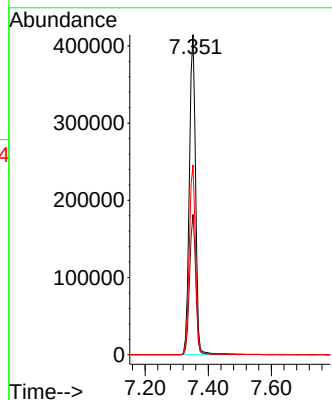
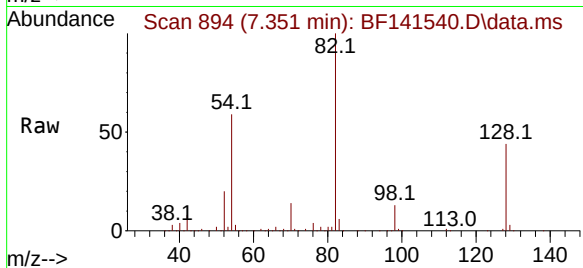
Tgt Ion: 82 Resp: 568663

Ion Ratio Lower Upper

82 100

128 43.8 34.8 52.2

54 59.3 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141540.D

Acq: 10 Feb 2025 17:42

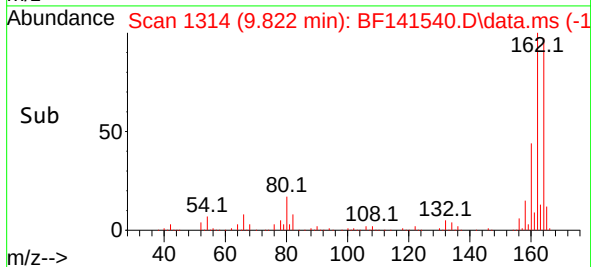
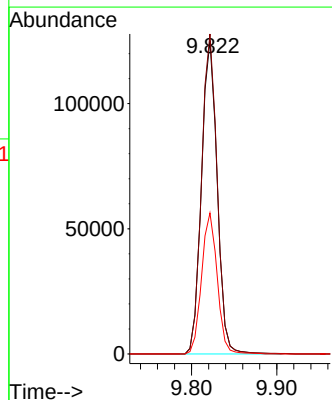
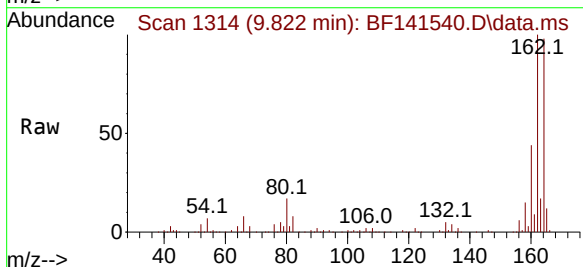
Tgt Ion:164 Resp: 160169

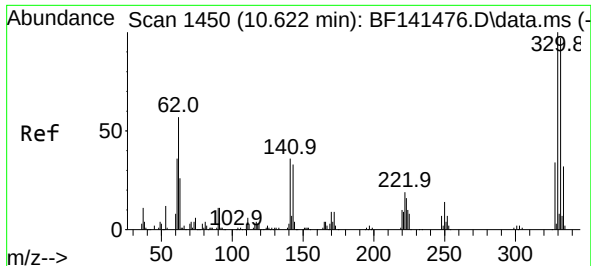
Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

160 45.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 153.565 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141540.D

Acq: 10 Feb 2025 17:42

Instrument :

BNA\_F

ClientSampleId :

WC-2

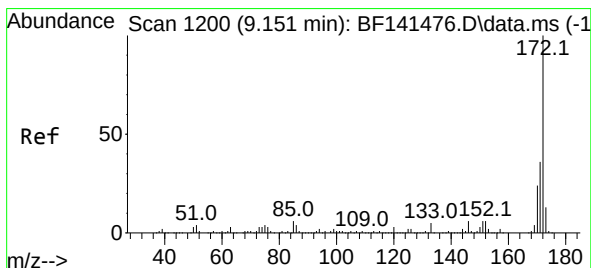
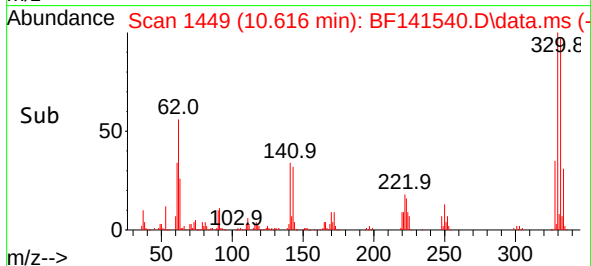
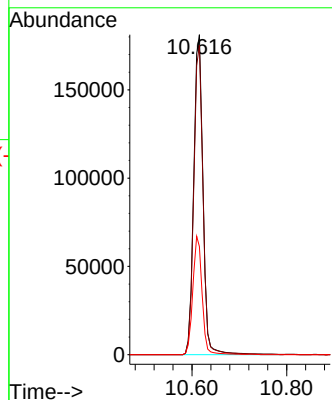
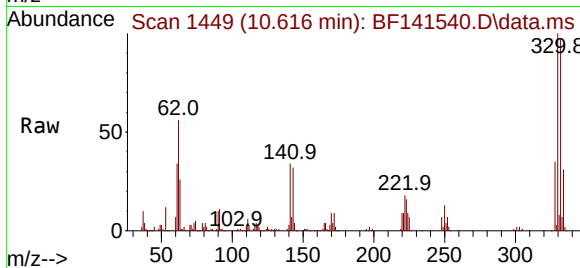
Tgt Ion:330 Resp: 247082

Ion Ratio Lower Upper

330 100

332 96.0 78.5 117.7

141 37.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 100.039 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141540.D

Acq: 10 Feb 2025 17:42

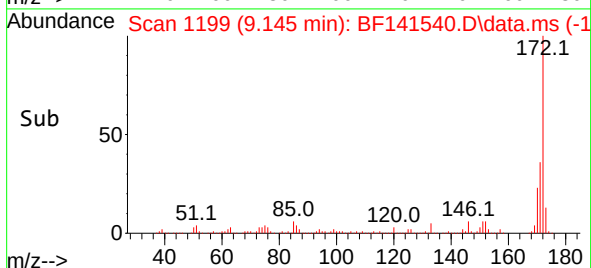
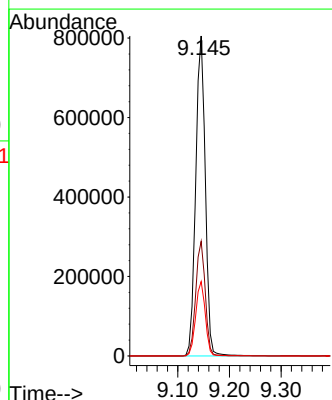
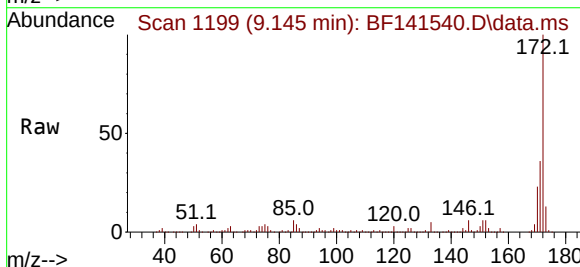
Tgt Ion:172 Resp: 1040030

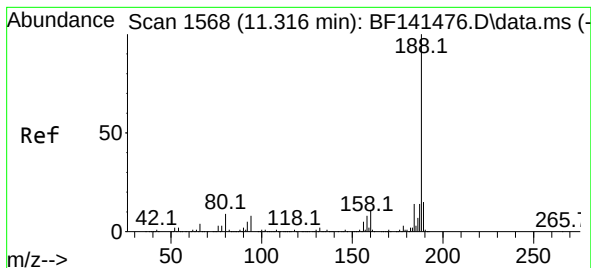
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141540.D

Acq: 10 Feb 2025 17:42

Instrument :

BNA\_F

ClientSampleId :

WC-2

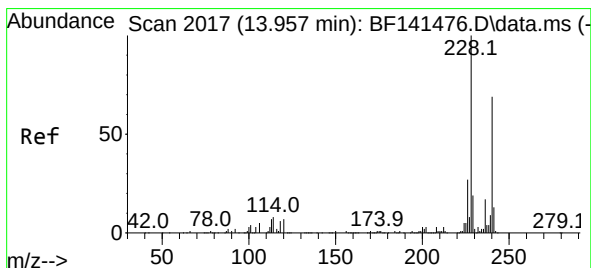
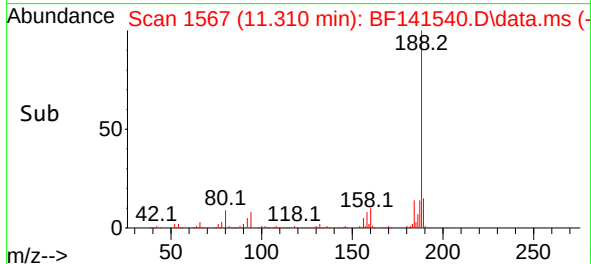
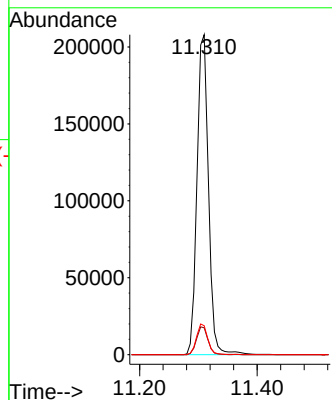
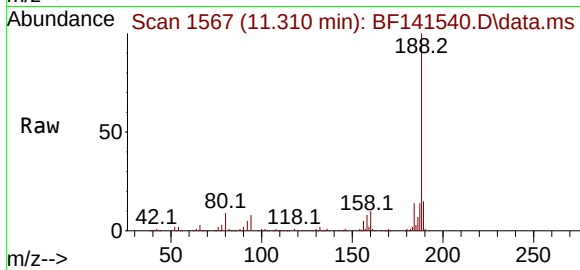
Tgt Ion:188 Resp: 281543

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.0 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141540.D

Acq: 10 Feb 2025 17:42

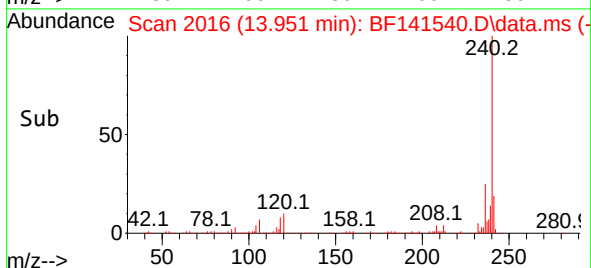
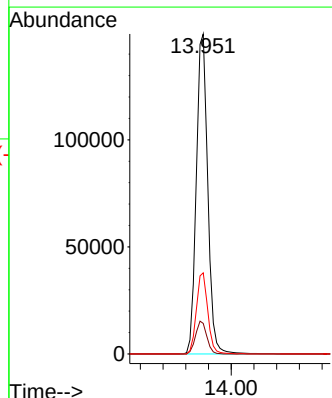
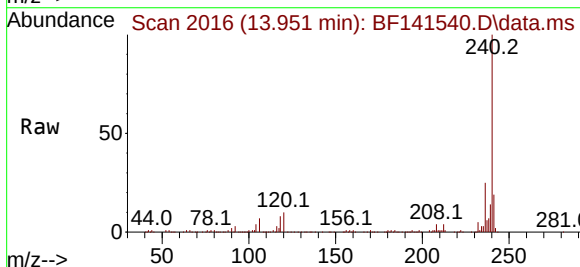
Tgt Ion:240 Resp: 210238

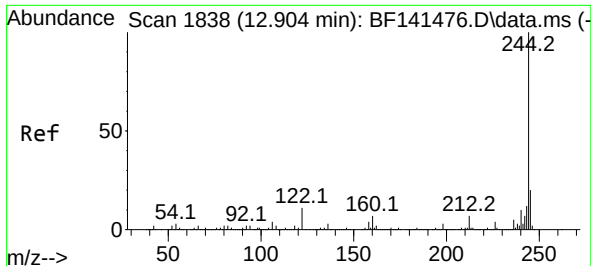
Ion Ratio Lower Upper

240 100

120 9.5 8.0 12.0

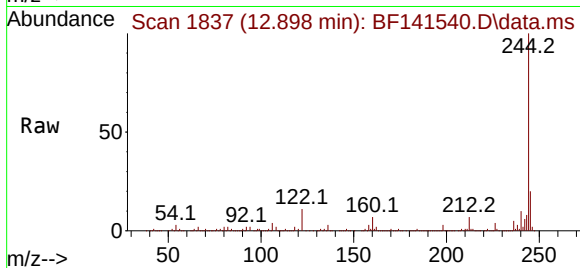
236 25.3 19.8 29.8





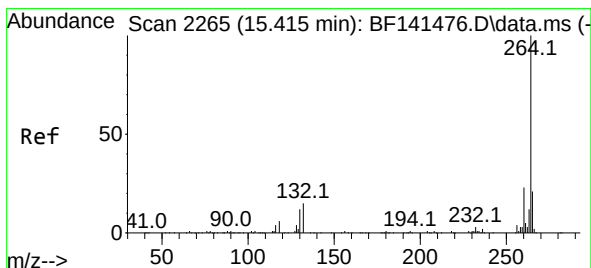
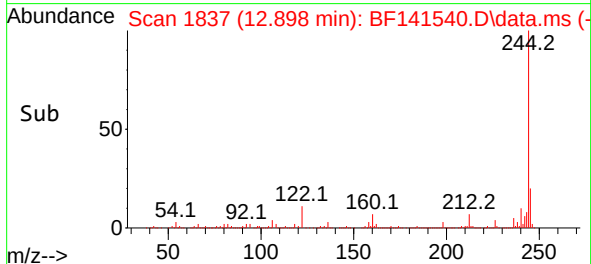
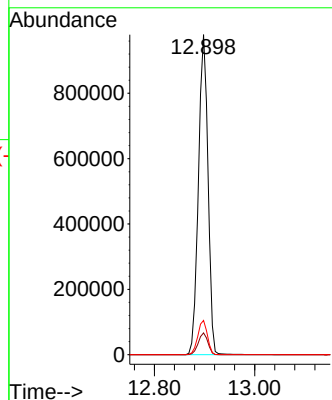
#79  
 Terphenyl-d14  
 Concen: 103.768 ng  
 RT: 12.898 min Scan# 1837  
 Delta R.T. -0.006 min  
 Lab File: BF141540.D  
 Acq: 10 Feb 2025 17:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-2



Tgt Ion:244 Resp: 1292281  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.8   | 5.6   | 8.4   |
| 122 | 10.7  | 8.4   | 12.6  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.409 min Scan# 2264  
 Delta R.T. -0.006 min  
 Lab File: BF141540.D  
 Acq: 10 Feb 2025 17:42

Tgt Ion:264 Resp: 151641  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 18.6  | 28.0  |
| 265 | 21.0  | 17.0  | 25.4  |

