

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021125\  
 Data File : BF141563.D  
 Acq On : 11 Feb 2025 15:49  
 Operator : RC/JU  
 Sample : Q1309-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-4

Quant Time: Feb 11 16:18:32 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   | 6.786  | 152  | 83549    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.069  | 136  | 328448   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 180579   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.304 | 188  | 312210   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.945 | 240  | 247673   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 15.404 | 264  | 211847   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 674627   | 126.589 | ng    | 0.01     |
| 7) Phenol-d6                | 6.428  | 99   | 763511   | 113.352 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 598275   | 95.007  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.610 | 330  | 256671   | 141.495 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 1107848  | 94.518  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.898 | 244  | 1321071  | 90.046  | ng    | 0.00     |

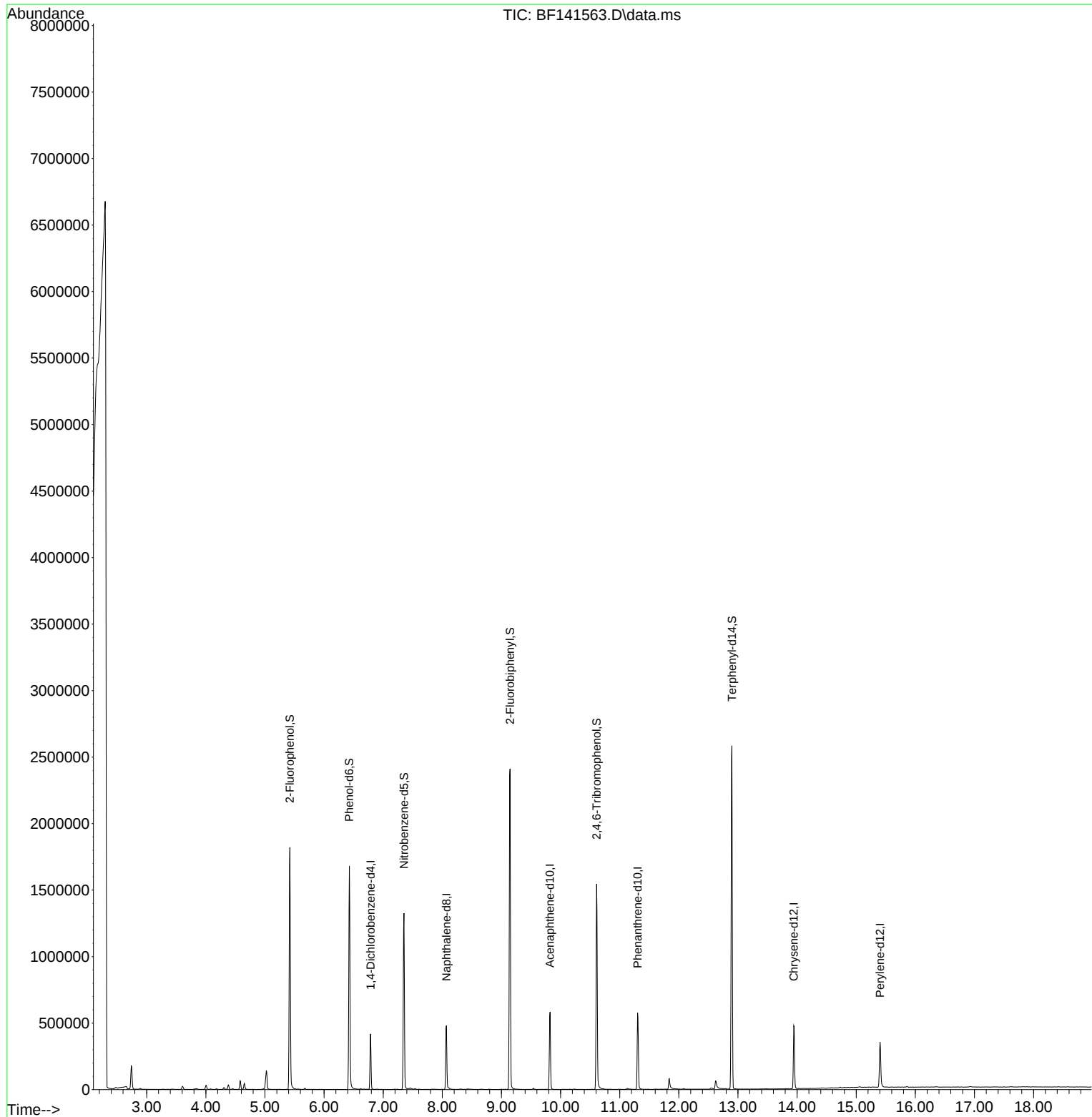
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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ALS Vial : 14 Sample Multiplier: 1

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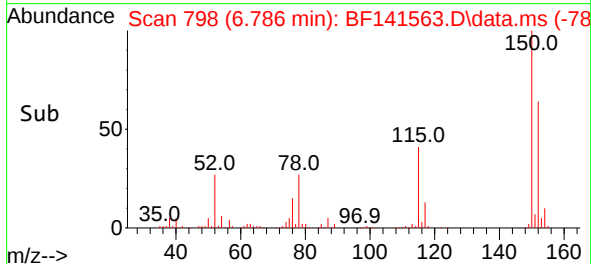
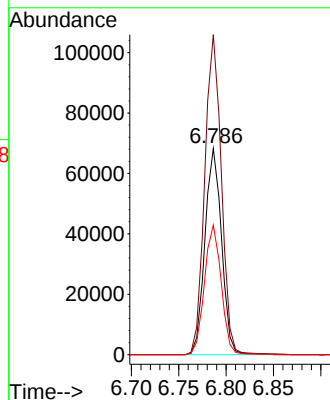
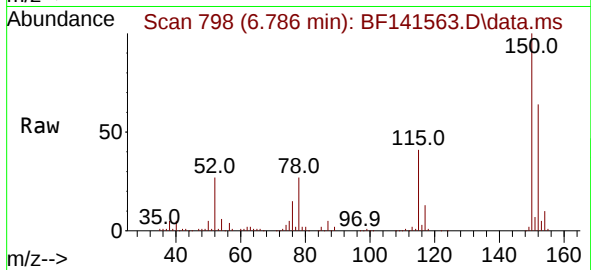




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.786 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BF141563.D  
Acq: 11 Feb 2025 15:49

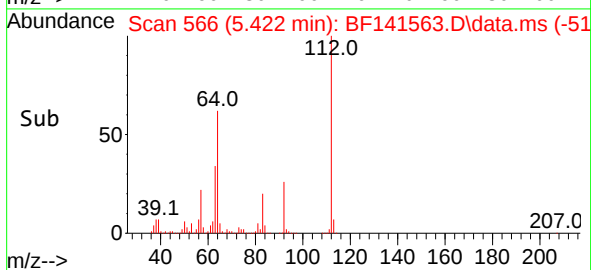
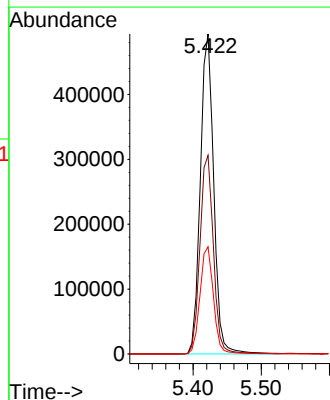
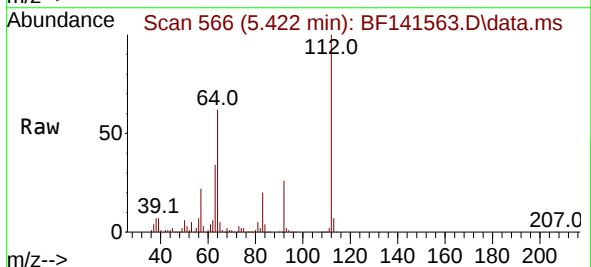
Instrument :  
BNA\_F  
ClientSampleId :  
WC-4

Tgt Ion:152 Resp: 83549  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.0 187.4  
115 62.9 53.6 80.4



#5  
2-Fluorophenol  
Concen: 126.589 ng  
RT: 5.422 min Scan# 566  
Delta R.T. 0.012 min  
Lab File: BF141563.D  
Acq: 11 Feb 2025 15:49

Tgt Ion:112 Resp: 674627  
Ion Ratio Lower Upper  
112 100  
64 62.1 51.1 76.7  
63 33.5 28.4 42.6





#7  
Phenol-d6  
Concen: 113.352 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141563.D  
Acq: 11 Feb 2025 15:49

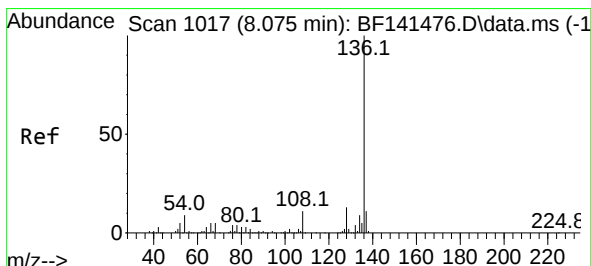
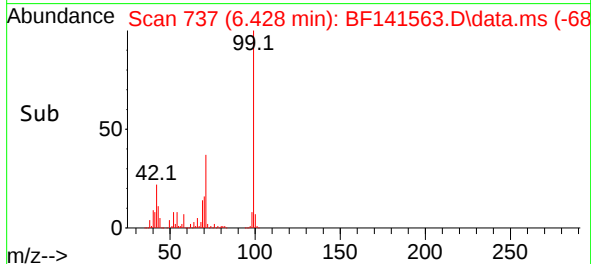
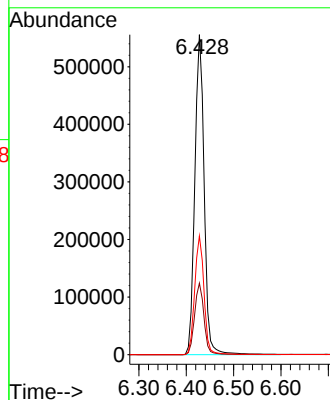
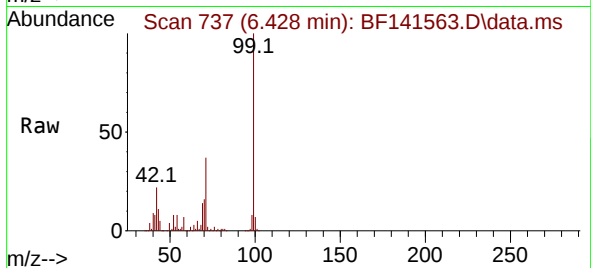
Instrument :

BNA\_F

ClientSampleId :

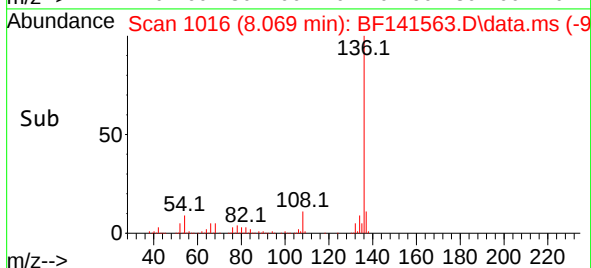
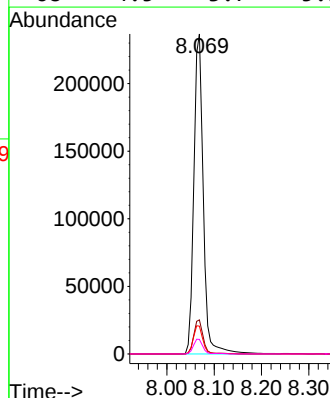
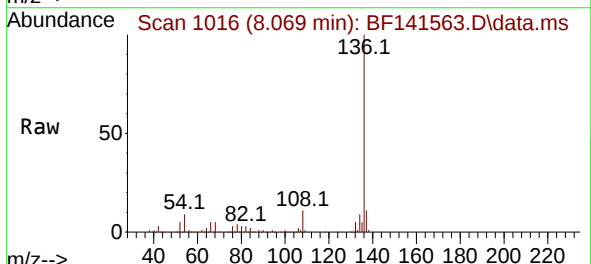
WC-4

Tgt Ion: 99 Resp: 763511  
Ion Ratio Lower Upper  
99 100  
42 22.3 19.1 28.7  
71 37.1 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: BF141563.D  
Acq: 11 Feb 2025 15:49

Tgt Ion: 136 Resp: 328448  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 8.7 7.2 10.8  
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 95.007 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141563.D

Acq: 11 Feb 2025 15:49

Instrument :

BNA\_F

ClientSampleId :

WC-4

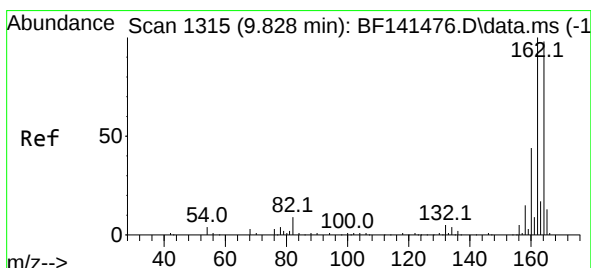
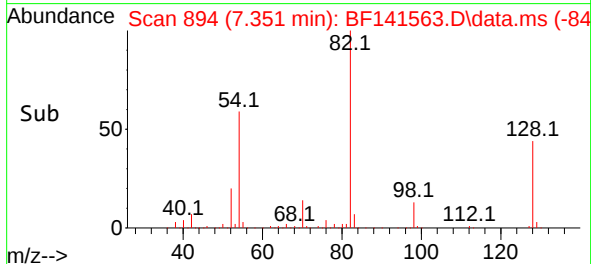
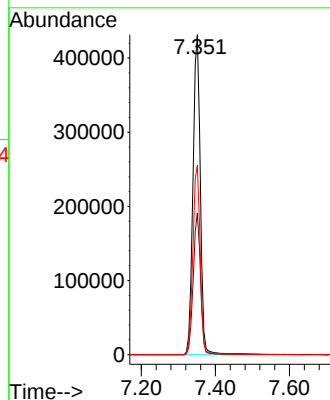
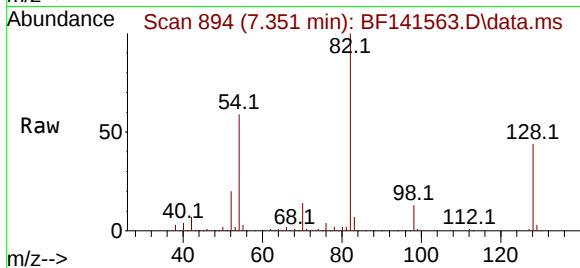
Tgt Ion: 82 Resp: 598275

Ion Ratio Lower Upper

82 100

128 44.3 34.8 52.2

54 59.2 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: BF141563.D

Acq: 11 Feb 2025 15:49

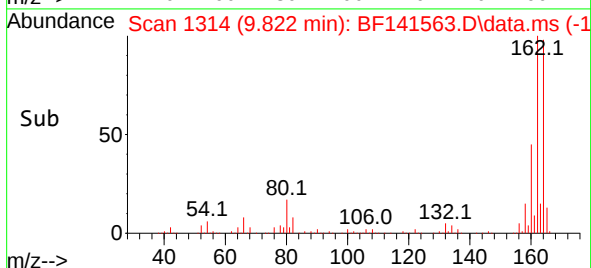
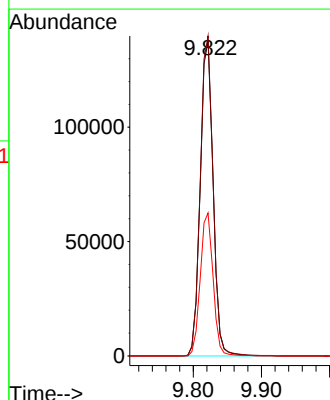
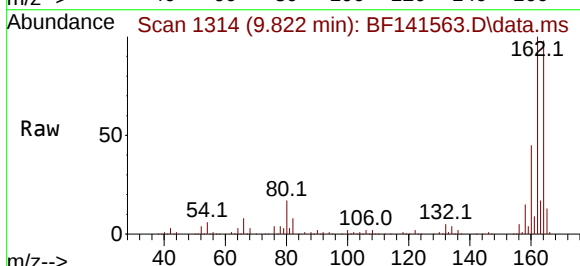
Tgt Ion:164 Resp: 180579

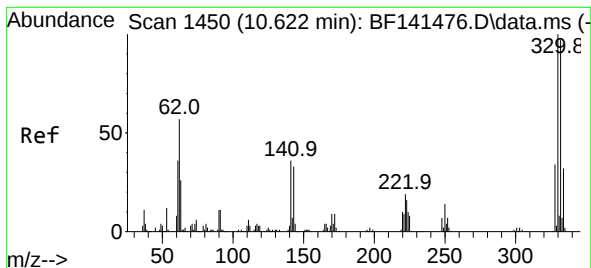
Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 141.495 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141563.D

Acq: 11 Feb 2025 15:49

Instrument :

BNA\_F

ClientSampleId :

WC-4

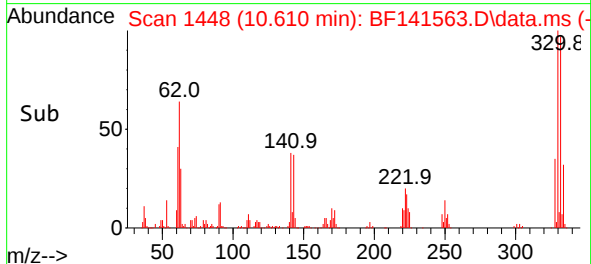
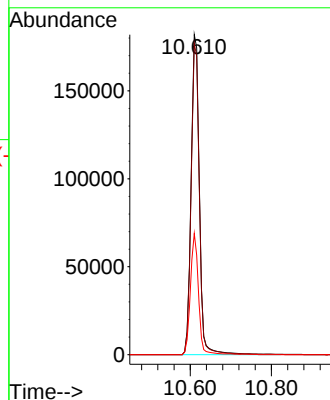
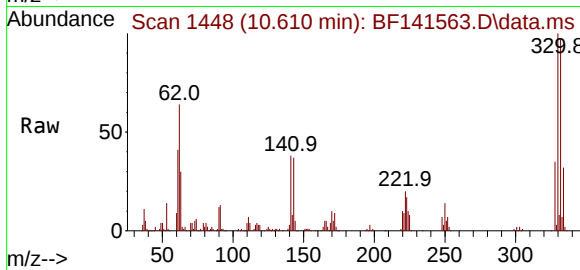
Tgt Ion:330 Resp: 256671

Ion Ratio Lower Upper

330 100

332 96.8 78.5 117.7

141 36.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 94.518 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141563.D

Acq: 11 Feb 2025 15:49

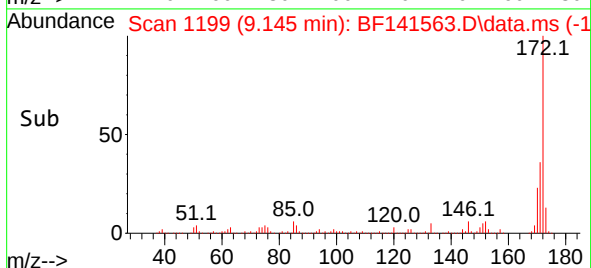
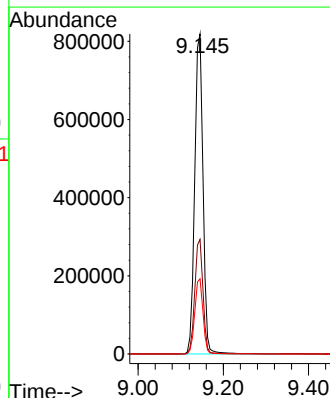
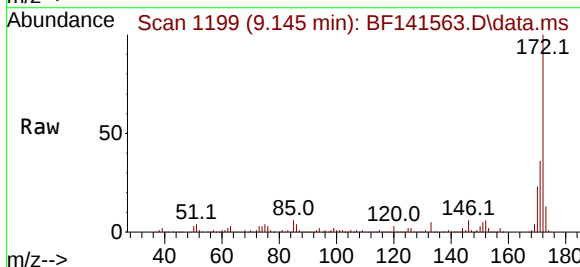
Tgt Ion:172 Resp: 1107848

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141563.D

Acq: 11 Feb 2025 15:49

Instrument :

BNA\_F

ClientSampleId :

WC-4

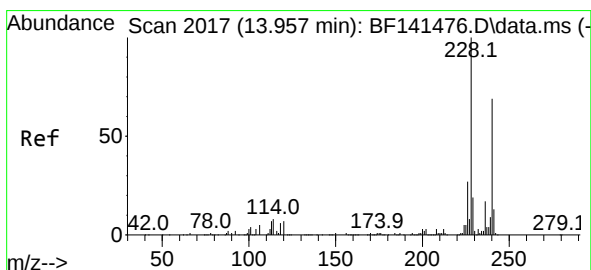
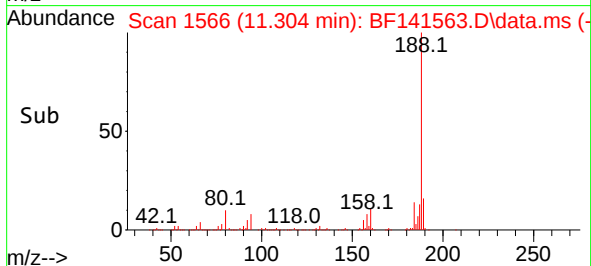
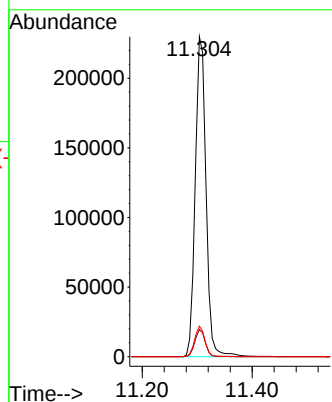
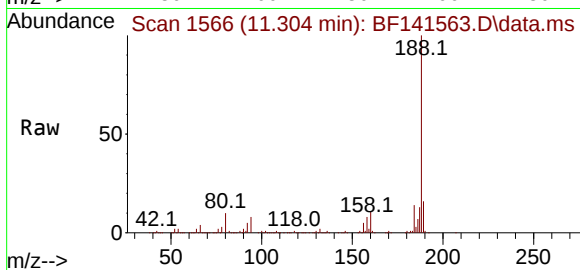
Tgt Ion:188 Resp: 312210

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.018 min

Lab File: BF141563.D

Acq: 11 Feb 2025 15:49

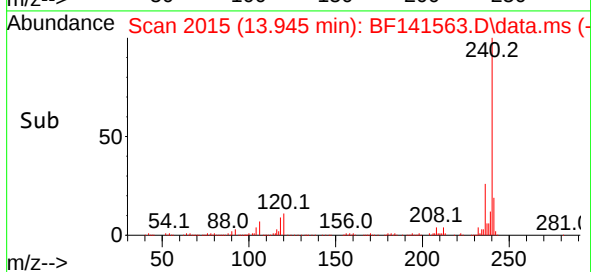
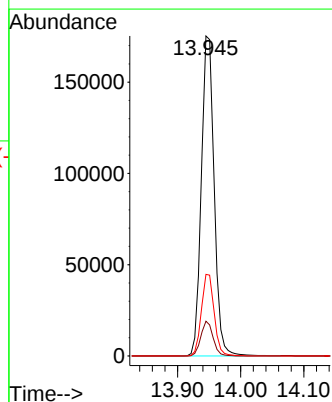
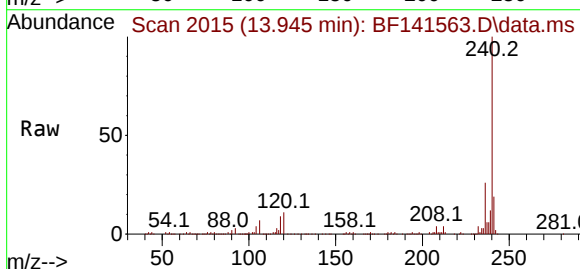
Tgt Ion:240 Resp: 247673

Ion Ratio Lower Upper

240 100

120 10.8 8.0 12.0

236 25.5 19.8 29.8

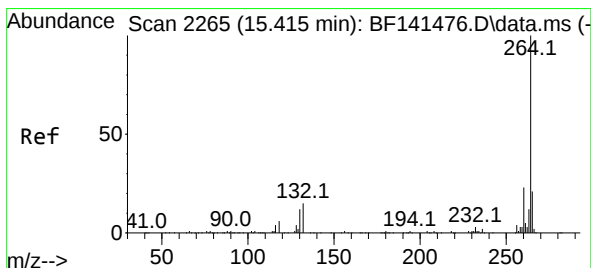
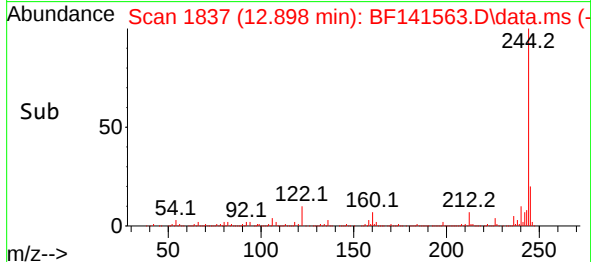
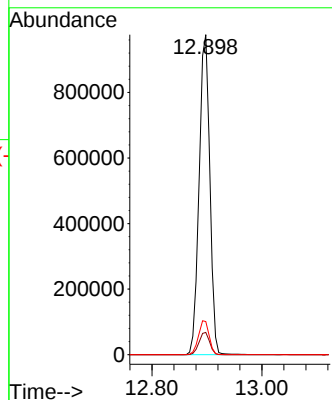
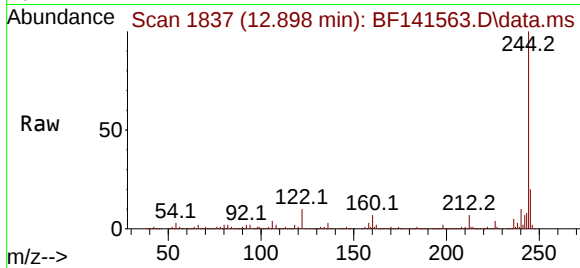




#79  
 Terphenyl-d14  
 Concen: 90.046 ng  
 RT: 12.898 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF141563.D  
 Acq: 11 Feb 2025 15:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-4

Tgt Ion:244 Resp: 1321071  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 10.3 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.404 min Scan# 2263  
 Delta R.T. -0.012 min  
 Lab File: BF141563.D  
 Acq: 11 Feb 2025 15:49

Tgt Ion:264 Resp: 211847  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.6 28.0  
 265 21.1 17.0 25.4

