

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070823\  
 Data File : BF134151.D  
 Acq On : 08 Jul 2023 16:34  
 Operator : CG\JU  
 Sample : 03510-16  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-WWS-11

Quant Time: Jul 09 00:38:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 30 18:35:29 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 192333   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 778968   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.886  | 164  | 406492   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.380 | 188  | 784237   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 425409   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.545 | 264  | 406125   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 627702   | 54.593 | ng    | 0.00     |
| 7) Phenol-d6                | 6.481  | 99   | 784130   | 55.454 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 462147   | 31.981 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.680 | 330  | 271451   | 53.261 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 608767   | 21.774 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.974 | 244  | 581136   | 21.986 | ng    | -0.01    |

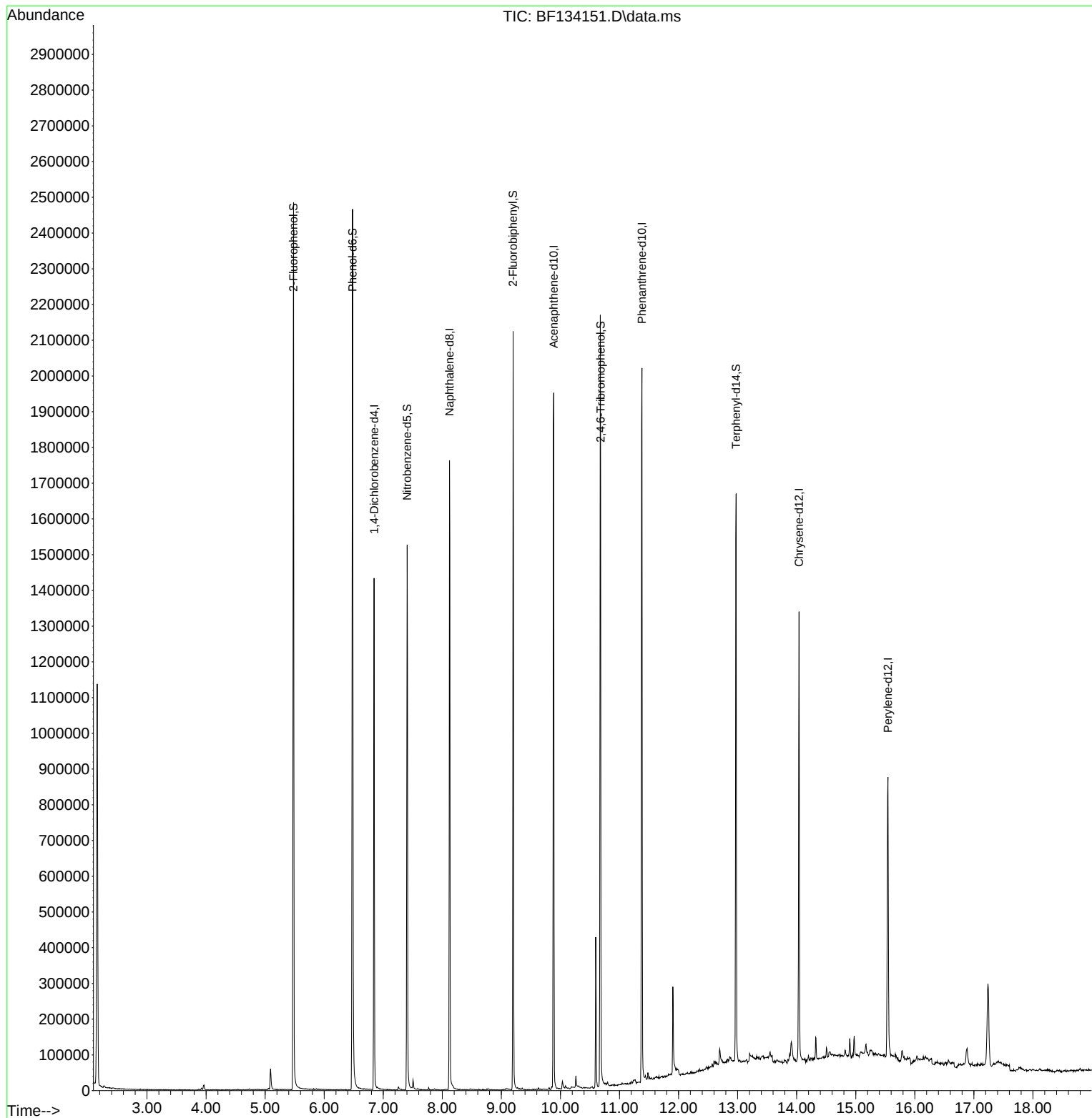
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070823\  
Data File : BF134151.D  
Acq On : 08 Jul 2023 16:34  
Operator : CG\JU  
Sample : 03510-16  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-WWS-11

Quant Time: Jul 09 00:38:02 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 30 18:35:29 2023  
Response via : Initial Calibration

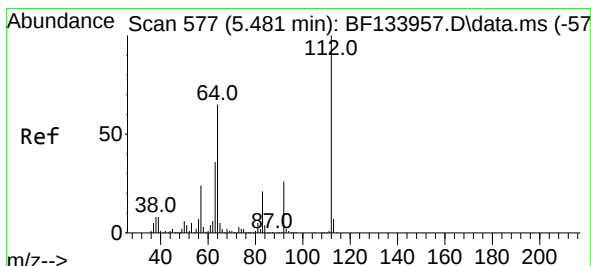
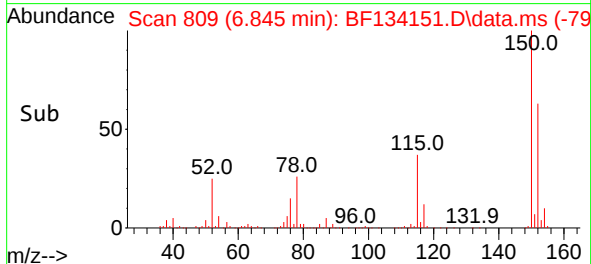
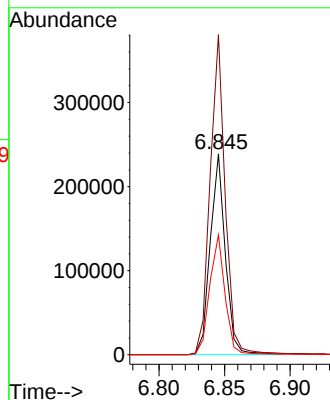
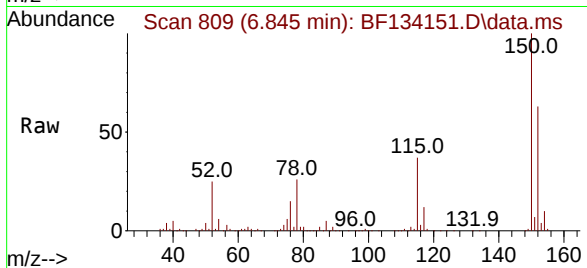




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: BF134151.D  
Acq: 08 Jul 2023 16:34

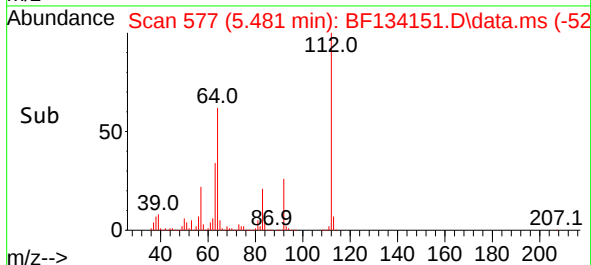
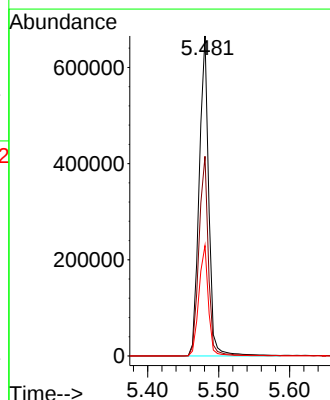
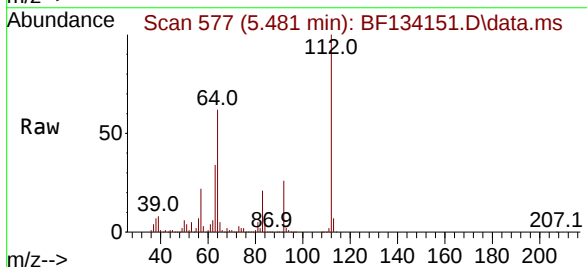
Instrument :  
BNA\_F  
ClientSampleId :  
WC-WWS-11

Tgt Ion:152 Resp: 192333  
Ion Ratio Lower Upper  
152 100  
150 159.3 124.5 186.7  
115 59.6 50.2 75.2



#5  
2-Fluorophenol  
Concen: 54.593 ng  
RT: 5.481 min Scan# 577  
Delta R.T. -0.006 min  
Lab File: BF134151.D  
Acq: 08 Jul 2023 16:34

Tgt Ion:112 Resp: 627702  
Ion Ratio Lower Upper  
112 100  
64 62.4 52.1 78.1  
63 34.5 28.6 42.8

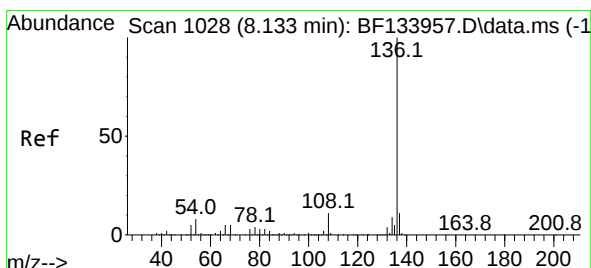
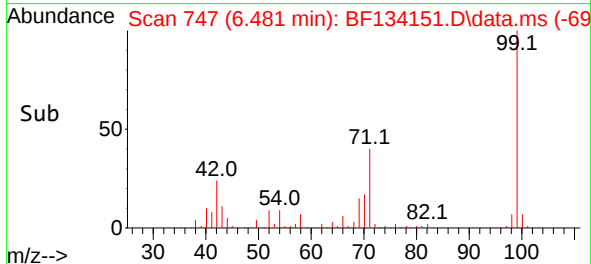
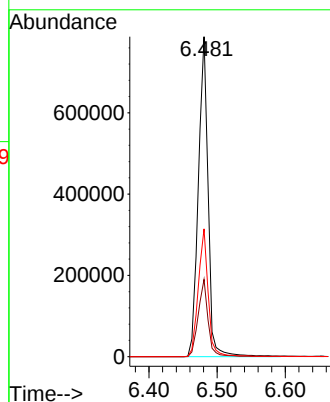
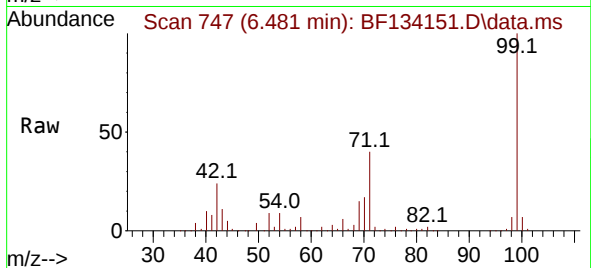




#7  
Phenol-d6  
Concen: 55.454 ng  
RT: 6.481 min Scan# 749  
Delta R.T. -0.012 min  
Lab File: BF134151.D  
Acq: 08 Jul 2023 16:34

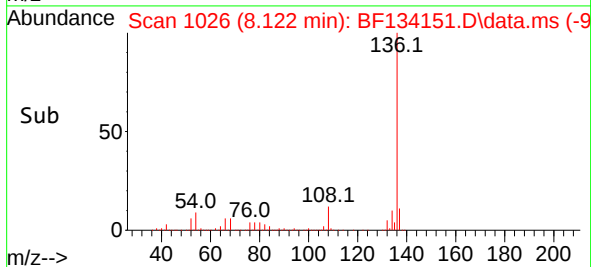
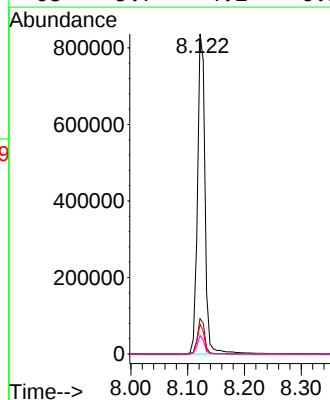
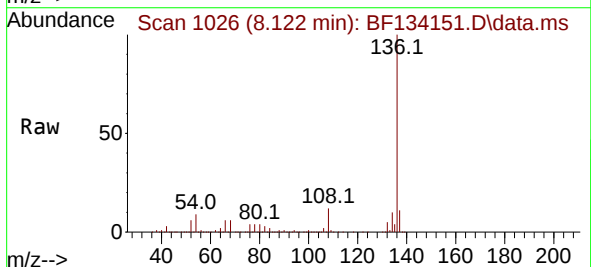
Instrument :  
BNA\_F  
ClientSampleId :  
WC-WWS-11

Tgt Ion: 99 Resp: 784130  
Ion Ratio Lower Upper  
99 100  
42 24.1 19.8 29.6  
71 39.9 31.9 47.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.012 min  
Lab File: BF134151.D  
Acq: 08 Jul 2023 16:34

Tgt Ion:136 Resp: 778968  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 9.3 6.5 9.7  
68 5.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 31.981 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.018 min

Lab File: BF134151.D

Acq: 08 Jul 2023 16:34

Instrument :

BNA\_F

ClientSampleId :

WC-WWS-11

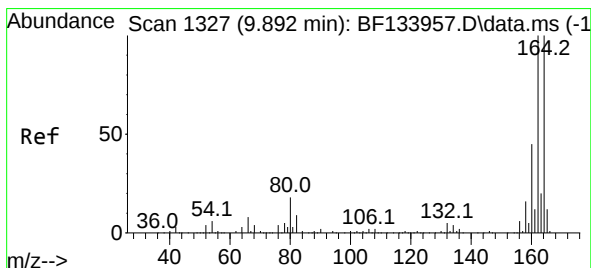
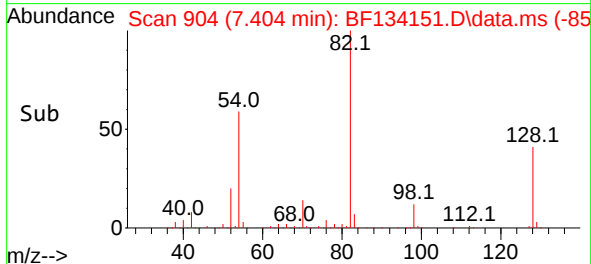
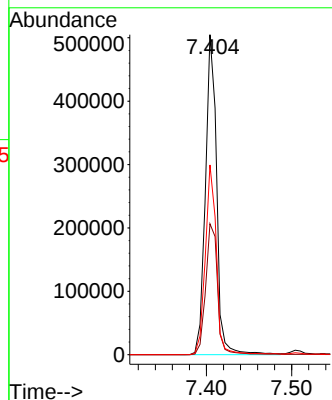
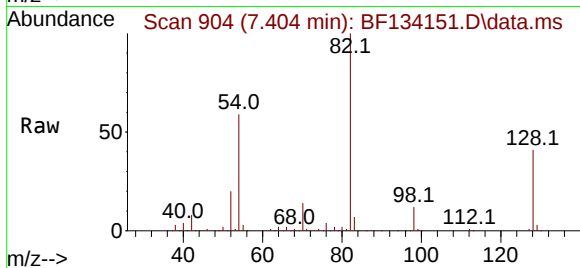
Tgt Ion: 82 Resp: 462147

Ion Ratio Lower Upper

82 100

128 40.9 32.5 48.7

54 59.3 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF134151.D

Acq: 08 Jul 2023 16:34

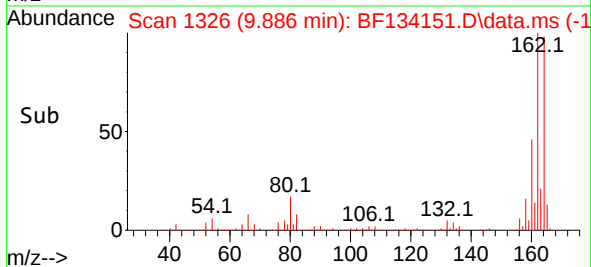
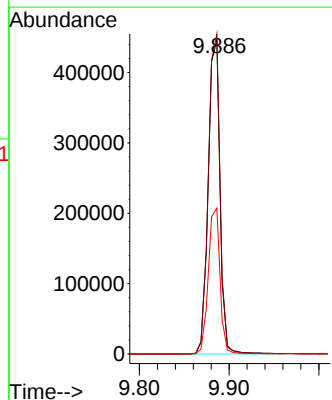
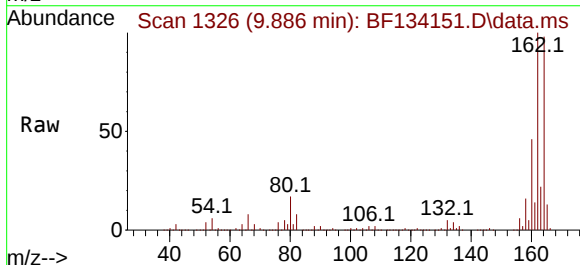
Tgt Ion:164 Resp: 406492

Ion Ratio Lower Upper

164 100

162 102.1 80.0 120.0

160 46.5 35.9 53.9

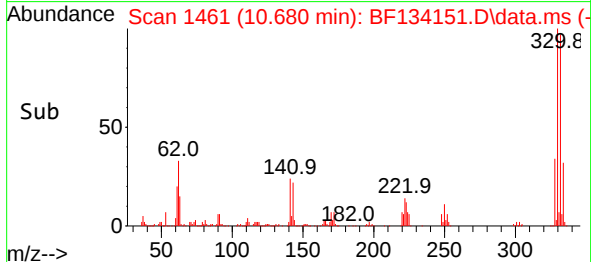
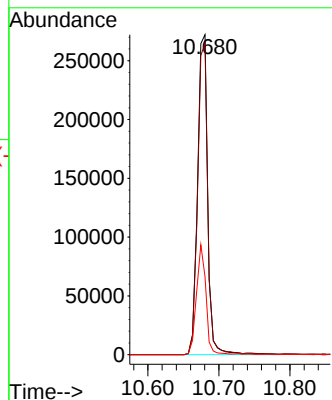
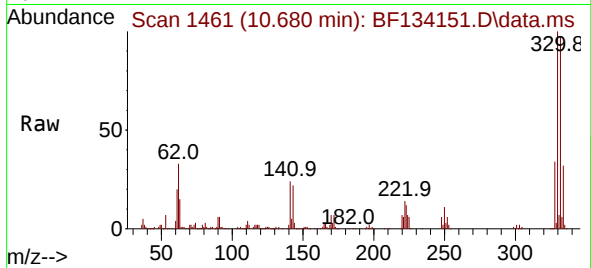




#42  
2,4,6-Tribromophenol  
Concen: 53.261 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. -0.006 min  
Lab File: BF134151.D  
Acq: 08 Jul 2023 16:34

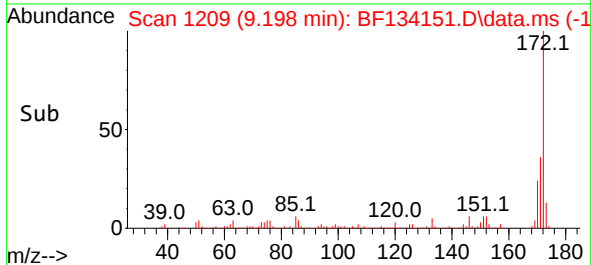
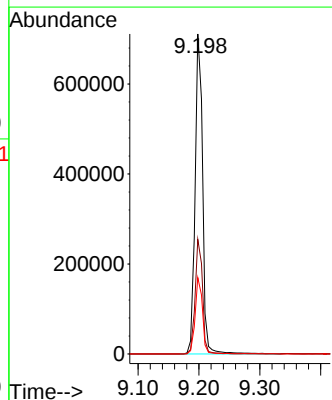
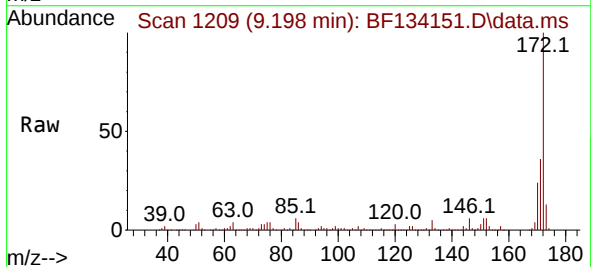
Instrument :  
BNA\_F  
ClientSampleId :  
WC-WWS-11

Tgt Ion: 330 Resp: 271451  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.0 115.6  
141 32.3 26.3 39.5



#45  
2-Fluorobiphenyl  
Concen: 21.774 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.012 min  
Lab File: BF134151.D  
Acq: 08 Jul 2023 16:34

Tgt Ion: 172 Resp: 608767  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.6 43.0  
170 23.9 19.4 29.0

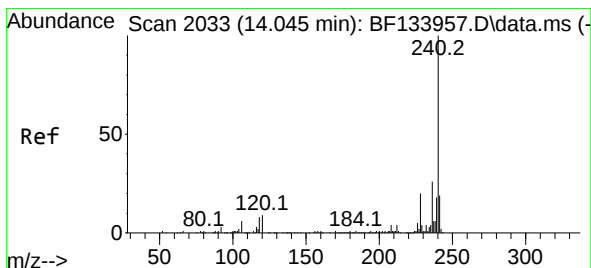
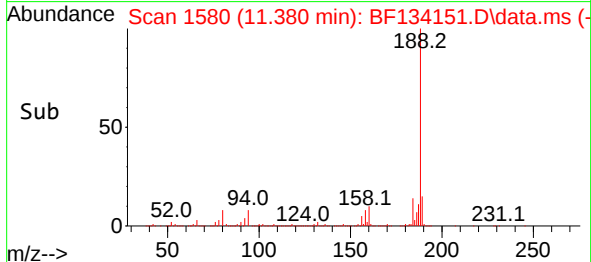
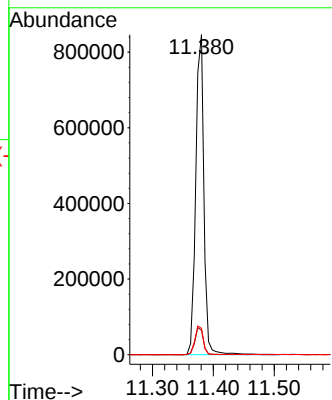
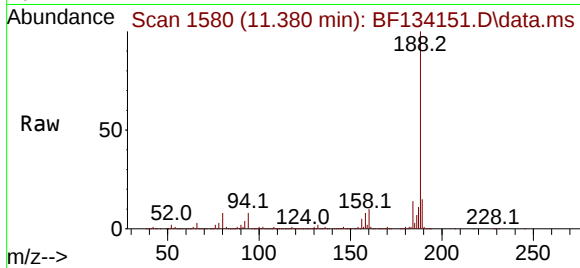




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.380 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF134151.D  
Acq: 08 Jul 2023 16:34

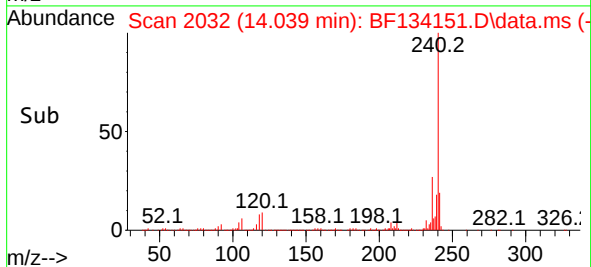
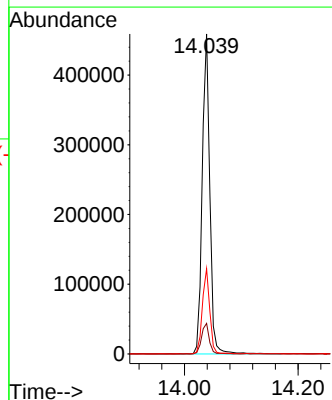
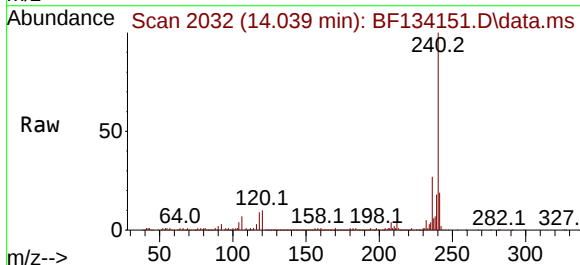
Instrument :  
BNA\_F  
ClientSampleId :  
WC-WWS-11

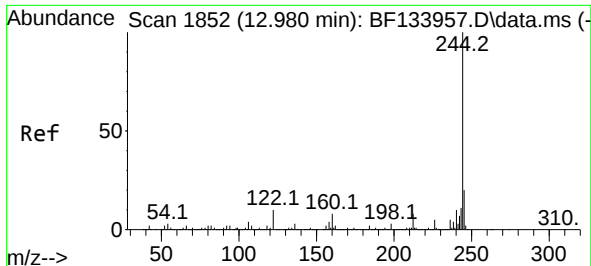
Tgt Ion:188 Resp: 784237  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.4 9.6  
80 8.3 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.012 min  
Lab File: BF134151.D  
Acq: 08 Jul 2023 16:34

Tgt Ion:240 Resp: 425409  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.4 11.0  
236 26.6 21.0 31.6

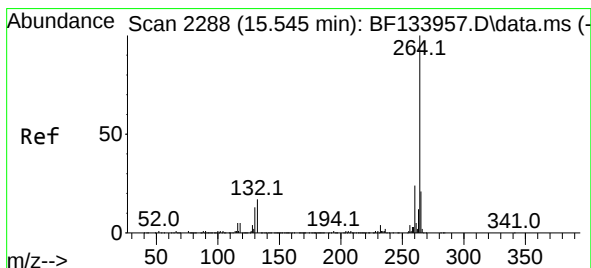
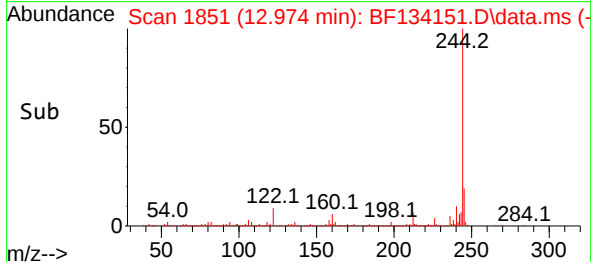
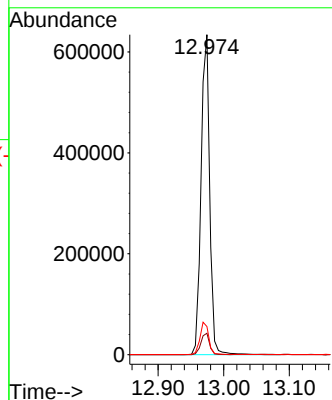
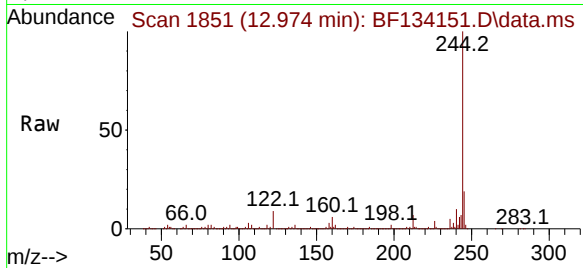




#79  
 Terphenyl-d14  
 Concen: 21.986 ng  
 RT: 12.974 min Scan# 1851  
 Delta R.T. -0.012 min  
 Lab File: BF134151.D  
 Acq: 08 Jul 2023 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-WWS-11

Tgt Ion:244 Resp: 581136  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 6.0 9.0  
 122 8.8 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 2288  
 Delta R.T. -0.006 min  
 Lab File: BF134151.D  
 Acq: 08 Jul 2023 16:34

Tgt Ion:264 Resp: 406125  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.5 29.3  
 265 22.3 16.6 25.0

