

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021925\  
 Data File : BF141690.D  
 Acq On : 19 Feb 2025 22:37  
 Operator : RC/JU  
 Sample : Q1383-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OU4-PCS-TC-15-021725

Quant Time: Feb 20 00:16:04 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   | 6.781  | 152  | 93977    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.063  | 136  | 374022   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.810  | 164  | 200098   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.298 | 188  | 336579   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 13.933 | 240  | 182552   | 20.000  | ng    | -0.03    |
| 86) Perylene-d12            | 15.380 | 264  | 183803   | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.404  | 112  | 673535   | 112.360 | ng    | 0.00     |
| 7) Phenol-d6                | 6.422  | 99   | 839637   | 110.822 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 547127   | 76.298  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.604 | 330  | 225226   | 112.049 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 1041995  | 80.228  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.880 | 244  | 1043224  | 96.473  | ng    | -0.02    |

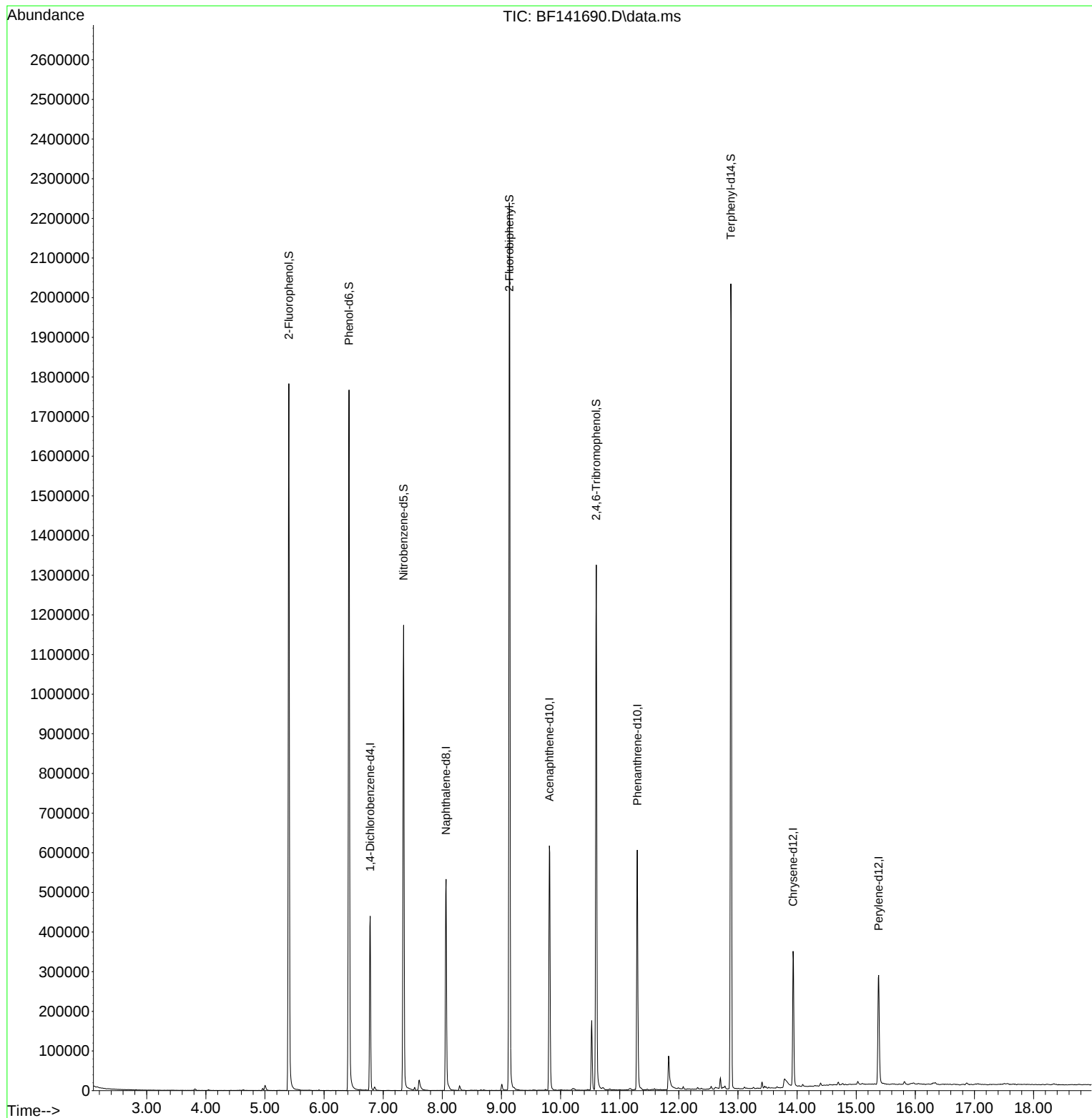
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021925\  
Data File : BF141690.D  
Acq On : 19 Feb 2025 22:37  
Operator : RC/JU  
Sample : Q1383-09  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-TC-15-021725

Quant Time: Feb 20 00:16:04 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

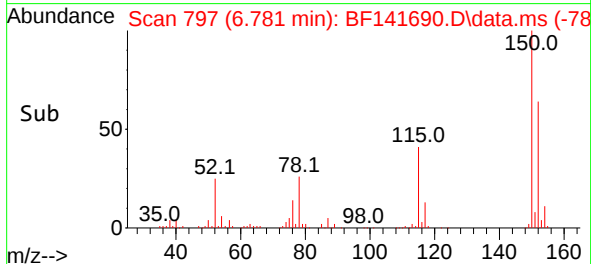
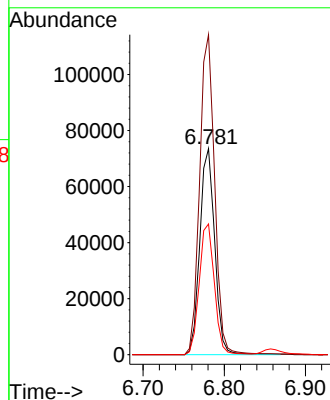
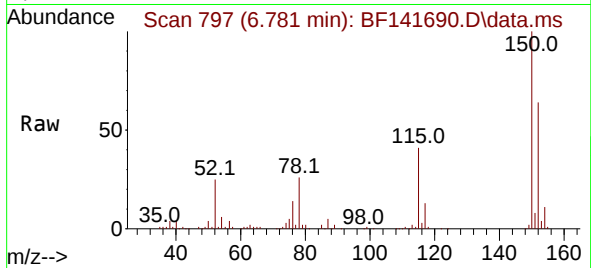




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.011 min  
Lab File: BF141690.D  
Acq: 19 Feb 2025 22:37

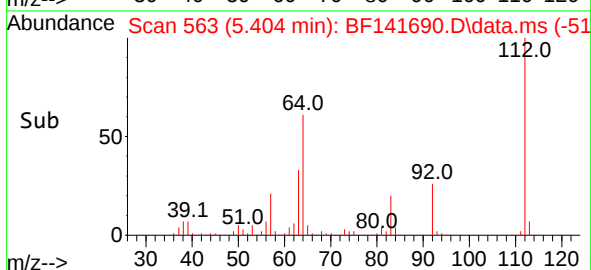
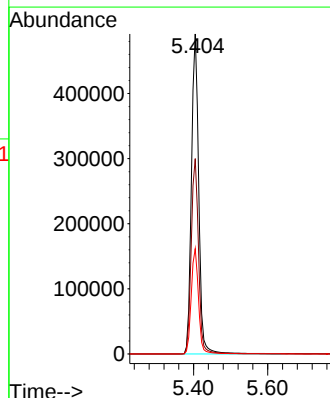
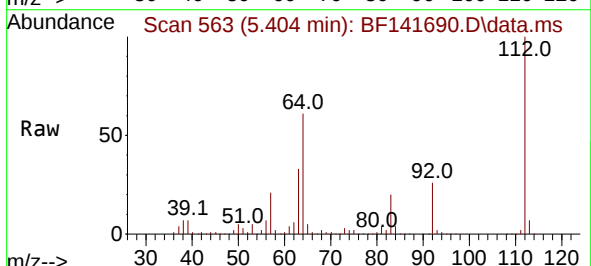
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-TC-15-021725

Tgt Ion:152 Resp: 93977  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.0 187.4  
115 63.4 53.6 80.4



#5  
2-Fluorophenol  
Concen: 112.360 ng  
RT: 5.404 min Scan# 563  
Delta R.T. -0.006 min  
Lab File: BF141690.D  
Acq: 19 Feb 2025 22:37

Tgt Ion:112 Resp: 673535  
Ion Ratio Lower Upper  
112 100  
64 61.1 51.1 76.7  
63 32.9 28.4 42.6

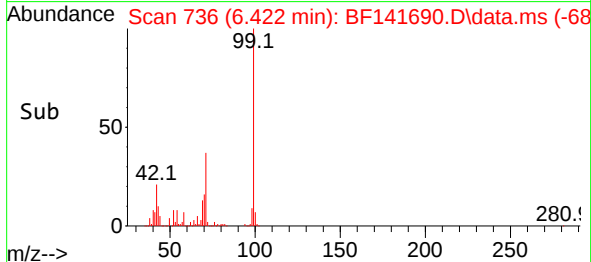
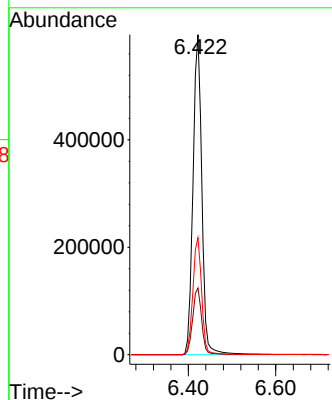
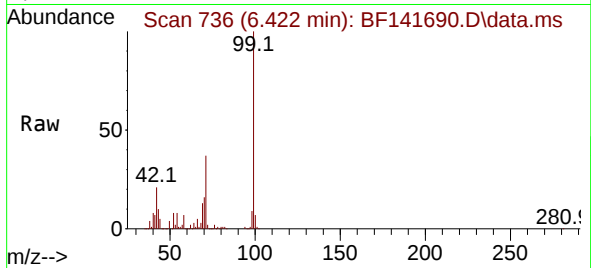




#7  
Phenol-d6  
Concen: 110.822 ng  
RT: 6.422 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF141690.D  
Acq: 19 Feb 2025 22:37

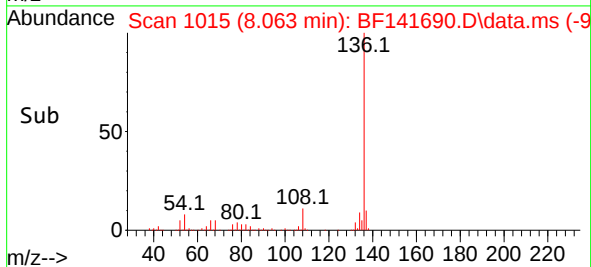
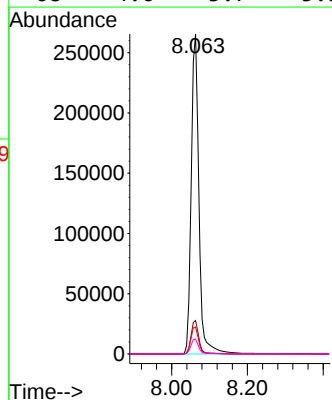
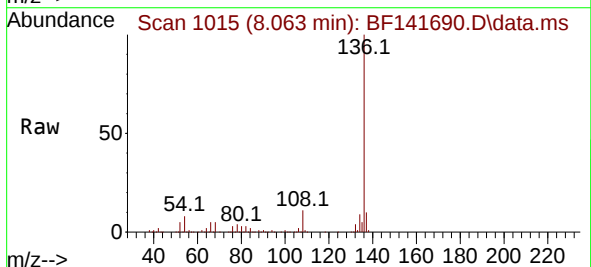
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-TC-15-021725

Tgt Ion: 99 Resp: 839637  
Ion Ratio Lower Upper  
99 100  
42 20.9 19.1 28.7  
71 36.6 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141690.D  
Acq: 19 Feb 2025 22:37

Tgt Ion: 136 Resp: 374022  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 8.4 7.2 10.8  
68 4.6 3.7 5.5

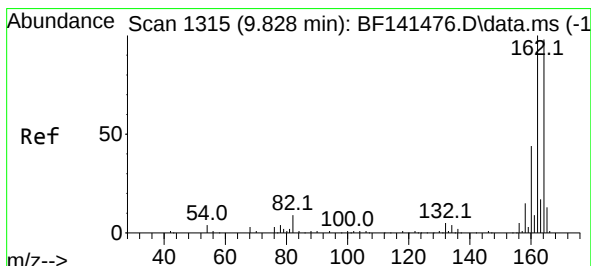
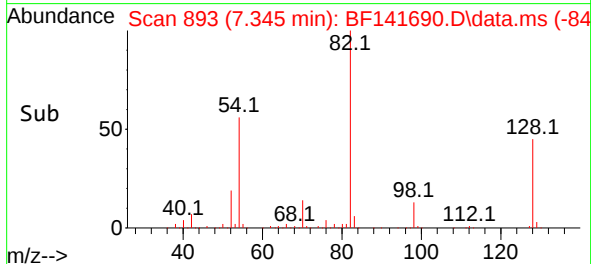
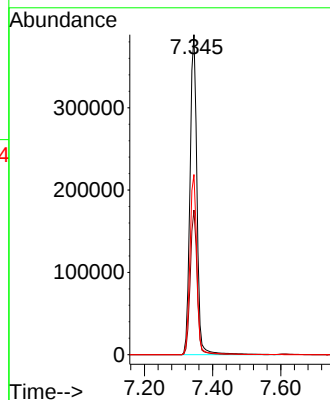
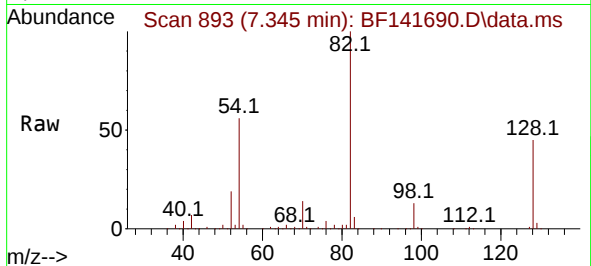




#23  
Nitrobenzene-d5  
Concen: 76.298 ng  
RT: 7.345 min Scan# 89  
Delta R.T. -0.018 min  
Lab File: BF141690.D  
Acq: 19 Feb 2025 22:37

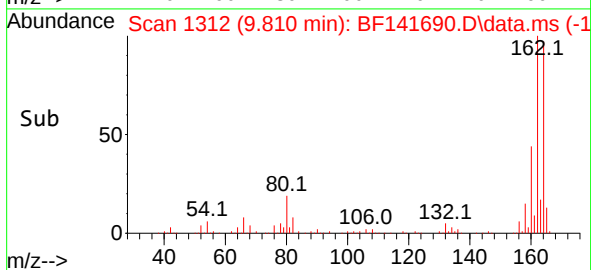
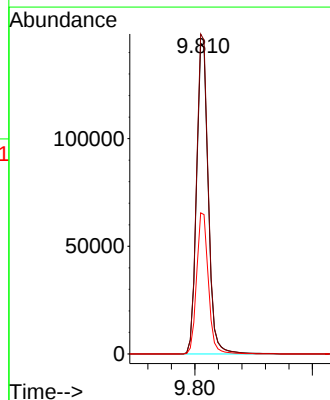
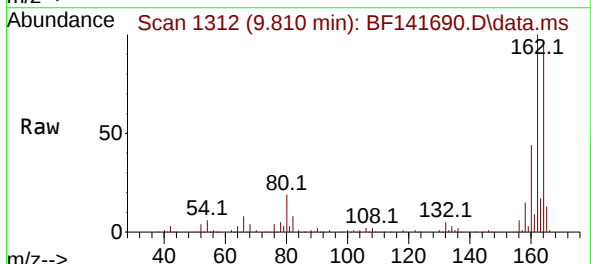
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-TC-15-021725

Tgt Ion: 82 Resp: 547127  
Ion Ratio Lower Upper  
82 100  
128 45.2 34.8 52.2  
54 56.3 48.2 72.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.810 min Scan# 1312  
Delta R.T. -0.024 min  
Lab File: BF141690.D  
Acq: 19 Feb 2025 22:37

Tgt Ion:164 Resp: 200098  
Ion Ratio Lower Upper  
164 100  
162 102.9 81.3 121.9  
160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 112.049 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.024 min

Lab File: BF141690.D

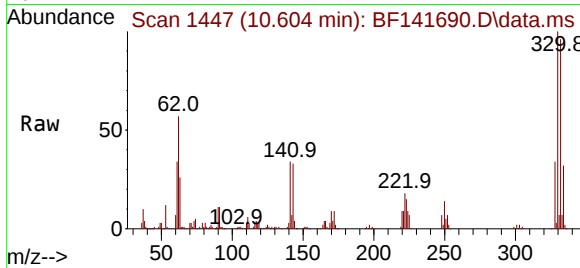
Acq: 19 Feb 2025 22:37

Instrument :

BNA\_F

ClientSampleId :

OU4-PCS-TC-15-021725



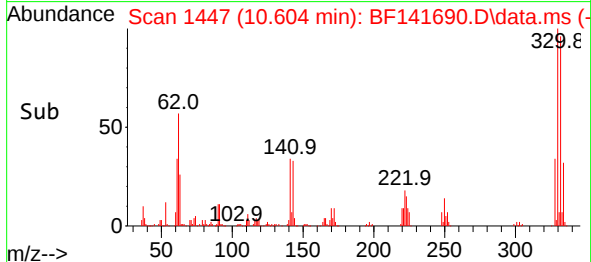
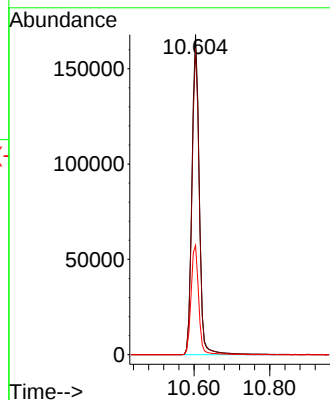
Tgt Ion:330 Resp: 225226

Ion Ratio Lower Upper

330 100

332 95.7 78.5 117.7

141 35.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 80.228 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141690.D

Acq: 19 Feb 2025 22:37

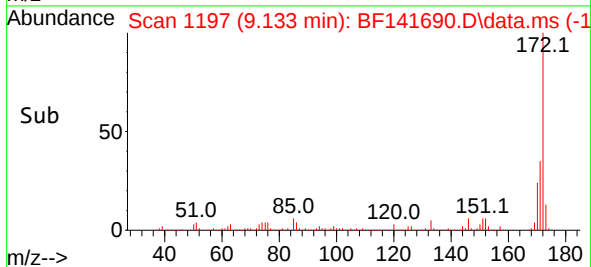
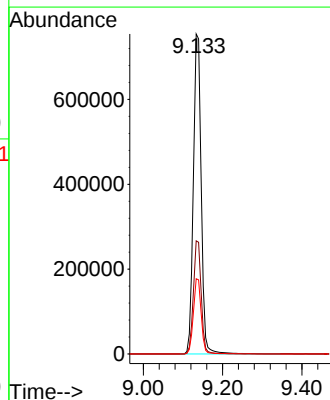
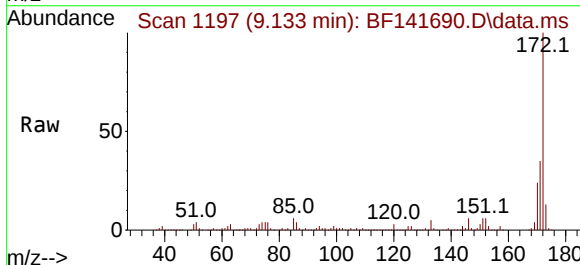
Tgt Ion:172 Resp: 1041995

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.5 18.9 28.3

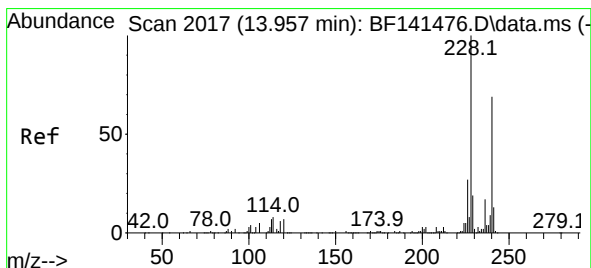
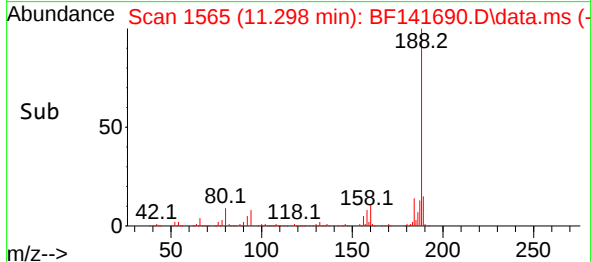
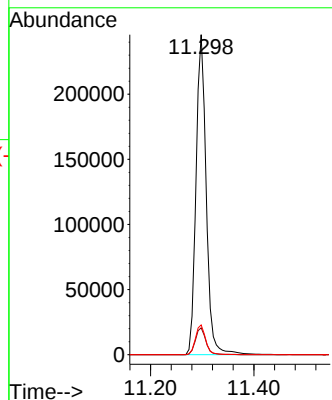
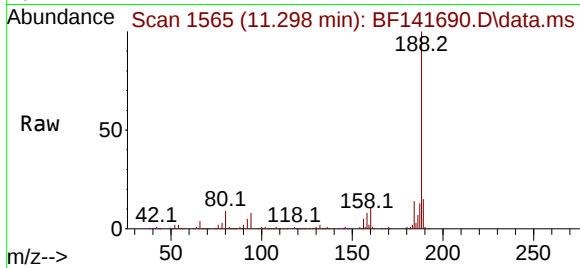




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.298 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF141690.D  
Acq: 19 Feb 2025 22:37

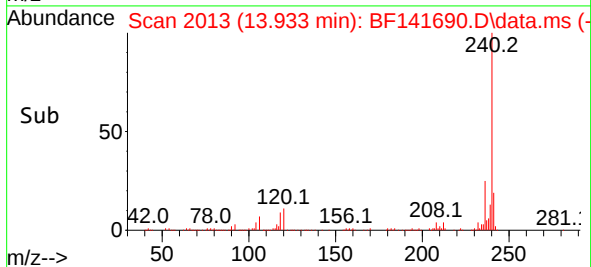
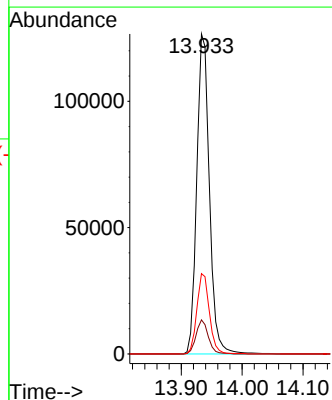
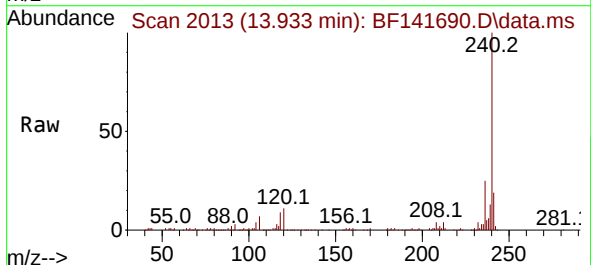
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-TC-15-021725

Tgt Ion:188 Resp: 336579  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.6 10.0  
80 9.3 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.933 min Scan# 2013  
Delta R.T. -0.029 min  
Lab File: BF141690.D  
Acq: 19 Feb 2025 22:37

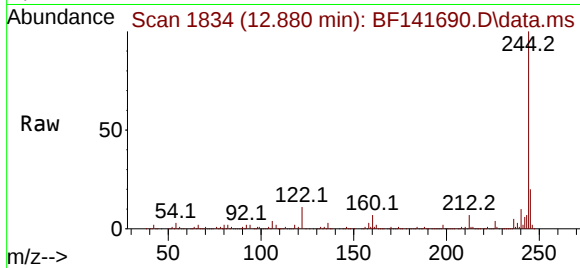
Tgt Ion:240 Resp: 182552  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.0 12.0  
236 25.1 19.8 29.8



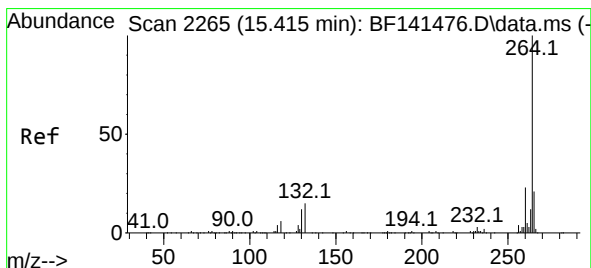
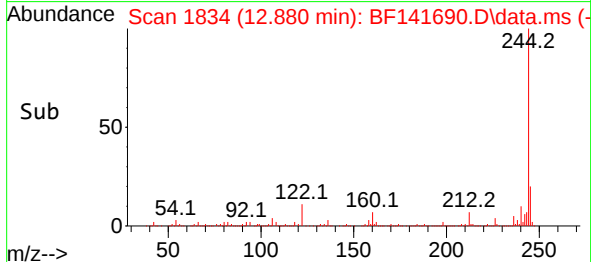
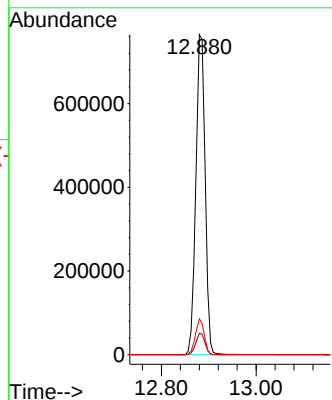


#79  
 Terphenyl-d14  
 Concen: 96.473 ng  
 RT: 12.880 min Scan# 11  
 Delta R.T. -0.024 min  
 Lab File: BF141690.D  
 Acq: 19 Feb 2025 22:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OU4-PCS-TC-15-021725



Tgt Ion:244 Resp: 1043224  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.6 8.4  
 122 11.2 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.380 min Scan# 2259  
 Delta R.T. -0.035 min  
 Lab File: BF141690.D  
 Acq: 19 Feb 2025 22:37

Tgt Ion:264 Resp: 183803  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.6 28.0  
 265 21.2 17.0 25.4

