

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062124\  
 Data File : BF138290.D  
 Acq On : 21 Jun 2024 17:32  
 Operator : CG\JU  
 Sample : P2977-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OSTL-B6

Quant Time: Jun 21 17:54:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 01:52:47 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 294017   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.163  | 136  | 1116182  | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.916  | 164  | 572127   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.404 | 188  | 784501   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.039 | 240  | 539167   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.509 | 264  | 536463   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 991984   | 56.440 | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 1208264  | 54.214 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 728159   | 37.978 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 223002   | 39.153 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 1246520  | 34.645 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.986 | 244  | 1071234  | 31.468 | ng    | -0.01    |

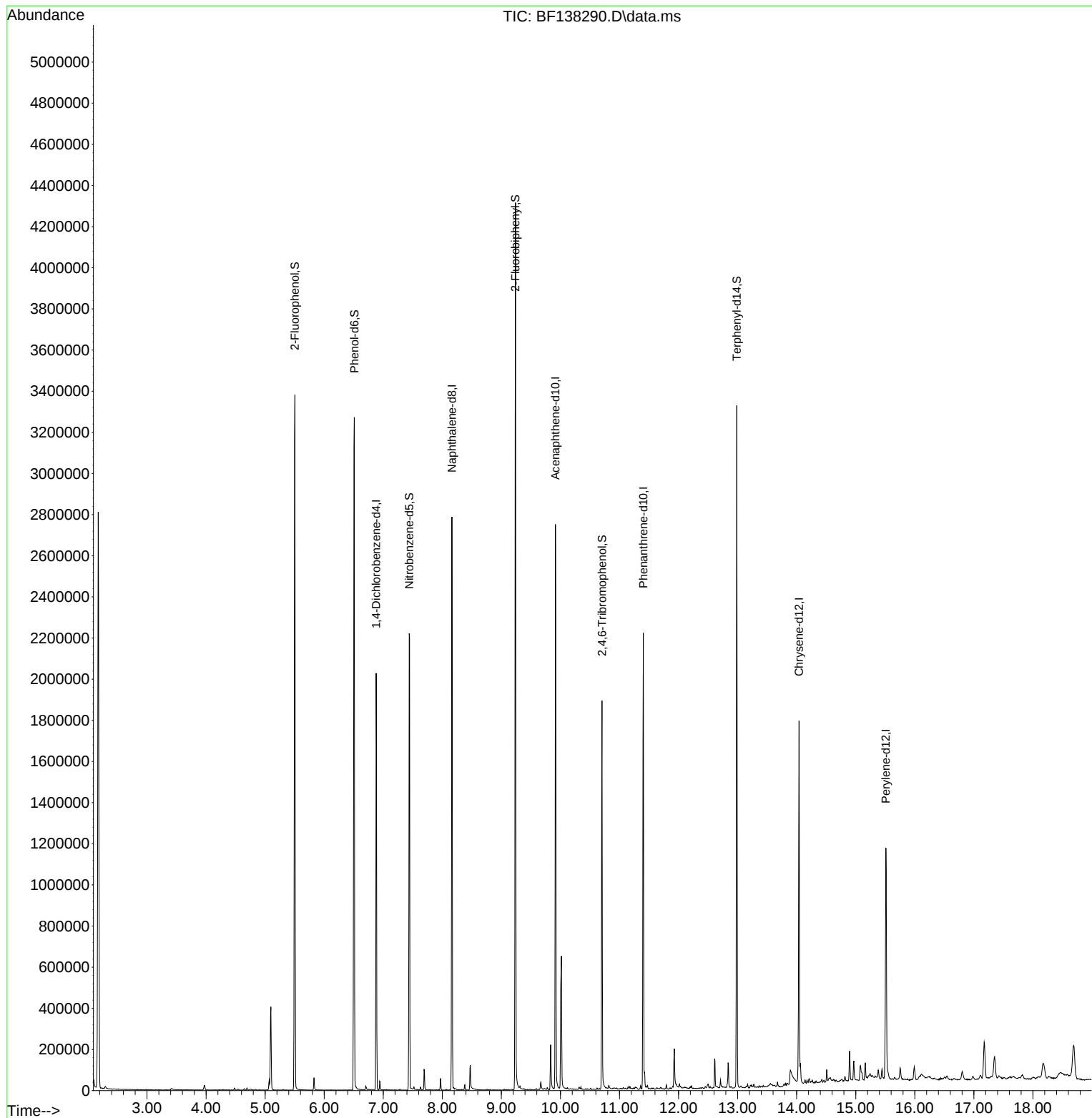
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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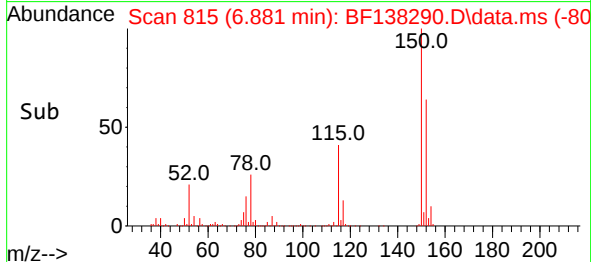
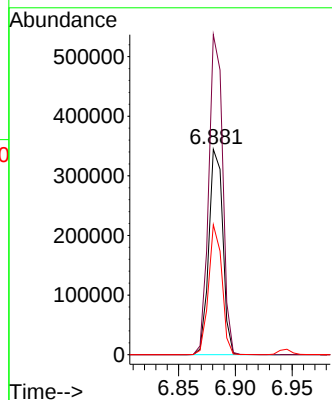
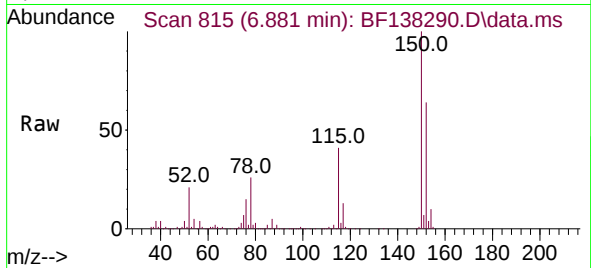




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 817  
Delta R.T. -0.012 min  
Lab File: BF138290.D  
Acq: 21 Jun 2024 17:32

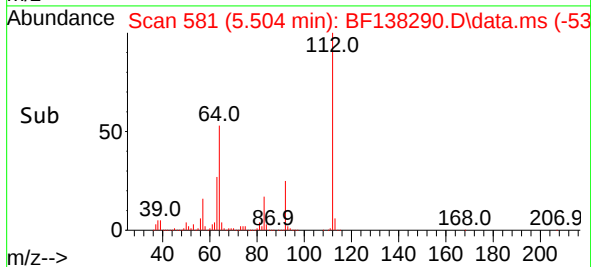
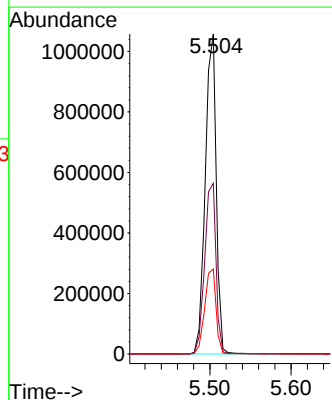
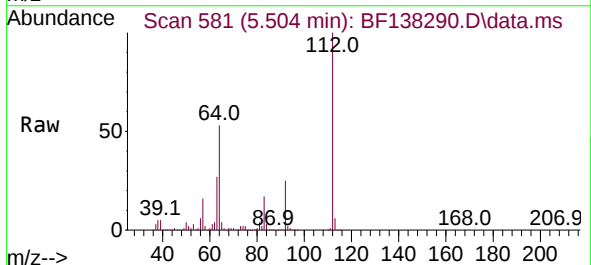
Instrument :  
BNA\_F  
ClientSampleId :  
OSTL-B6

Tgt Ion:152 Resp: 294017  
Ion Ratio Lower Upper  
152 100  
150 155.7 125.0 187.4  
115 63.3 48.4 72.6



#5  
2-Fluorophenol  
Concen: 56.440 ng  
RT: 5.504 min Scan# 581  
Delta R.T. -0.006 min  
Lab File: BF138290.D  
Acq: 21 Jun 2024 17:32

Tgt Ion:112 Resp: 991984  
Ion Ratio Lower Upper  
112 100  
64 53.3 45.2 67.8  
63 26.5 22.9 34.3





#7

Phenol-d6

Concen: 54.214 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

Instrument :

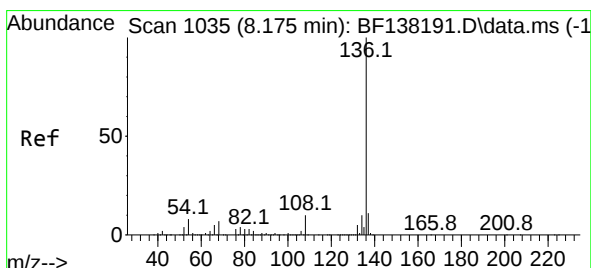
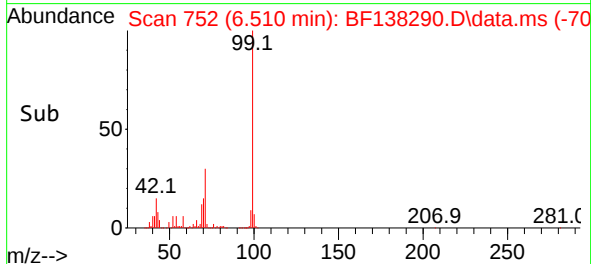
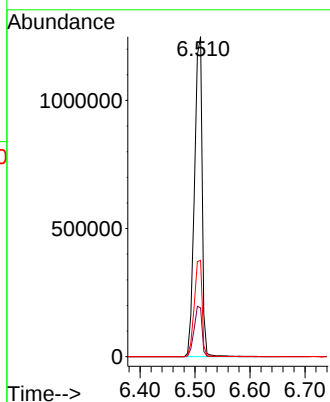
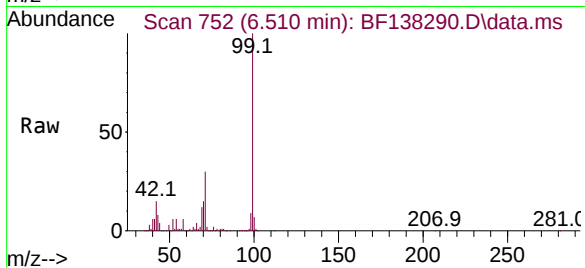
BNA\_F

ClientSampleId :

OSTL-B6

Tgt Ion: 99 Resp: 1208264

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.3  | 13.7  | 20.5  |
| 71  | 30.1  | 25.0  | 37.6  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1033

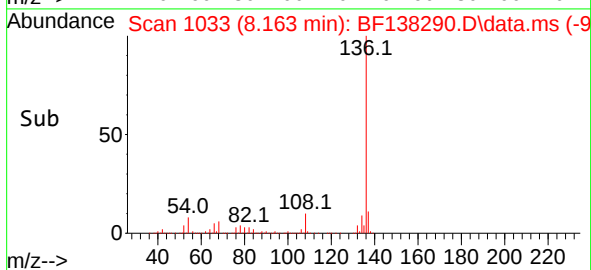
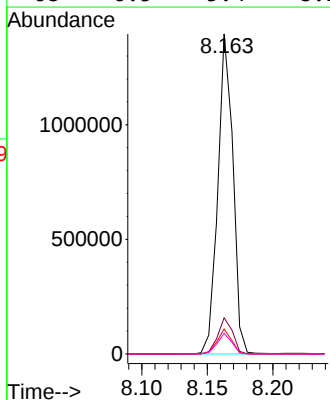
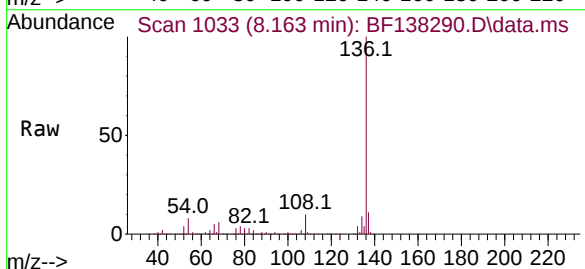
Delta R.T. -0.012 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

Tgt Ion: 136 Resp: 1116182

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 9.1   | 13.7  |
| 54  | 7.8   | 6.6   | 10.0  |
| 68  | 6.5   | 5.4   | 8.2   |





#23

Nitrobenzene-d5

Concen: 37.978 ng

RT: 7.439 min Scan# 913

Delta R.T. -0.018 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

Instrument :

BNA\_F

ClientSampleId :

OSTL-B6

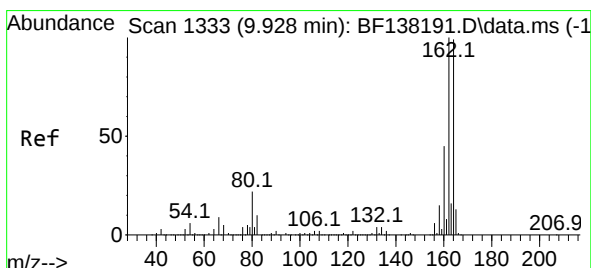
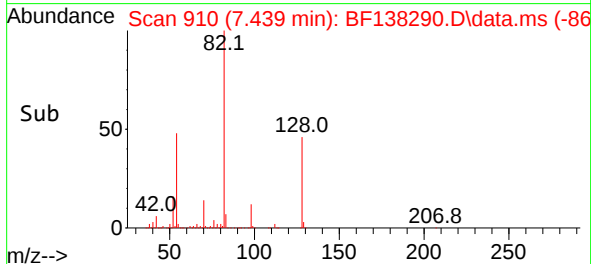
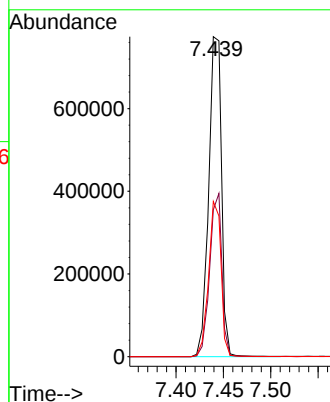
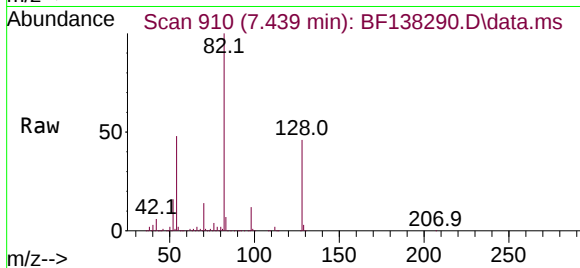
Tgt Ion: 82 Resp: 728159

Ion Ratio Lower Upper

82 100

128 45.9 37.2 55.8

54 48.5 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.012 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

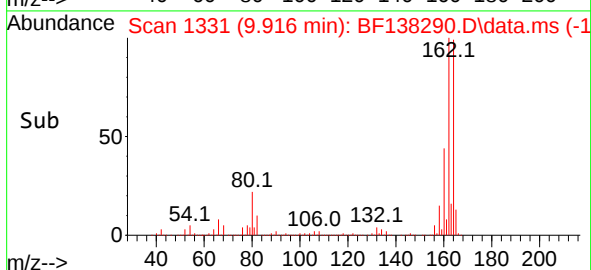
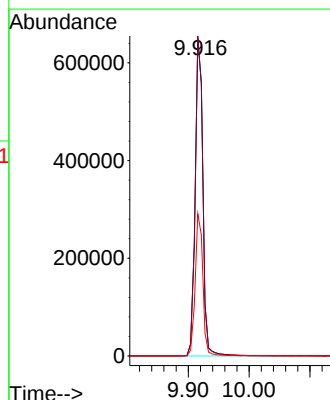
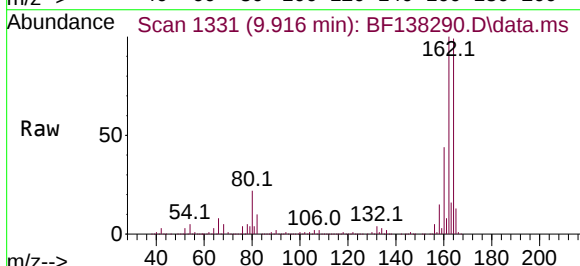
Tgt Ion: 164 Resp: 572127

Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 39.153 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

Instrument :

BNA\_F

ClientSampleId :

OSTL-B6

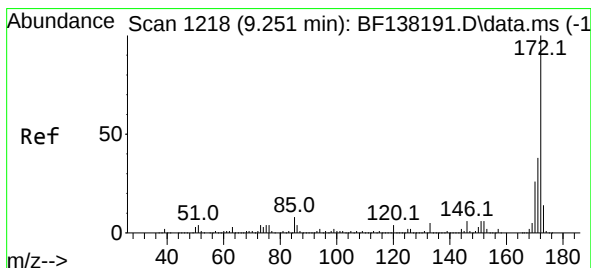
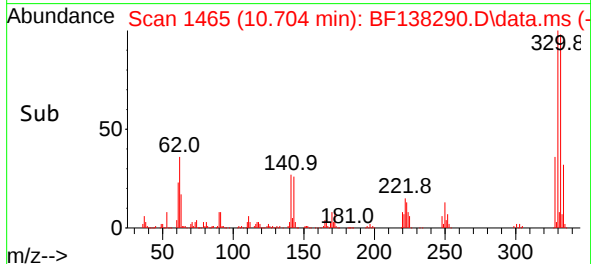
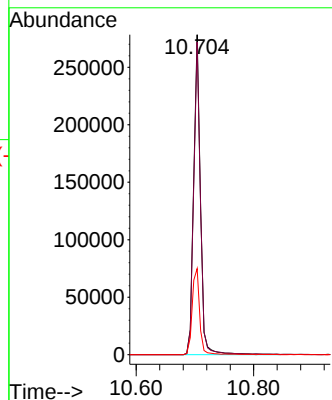
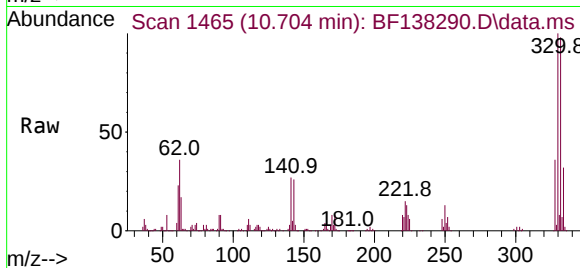
Tgt Ion:330 Resp: 223002

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

141 29.6 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 34.645 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

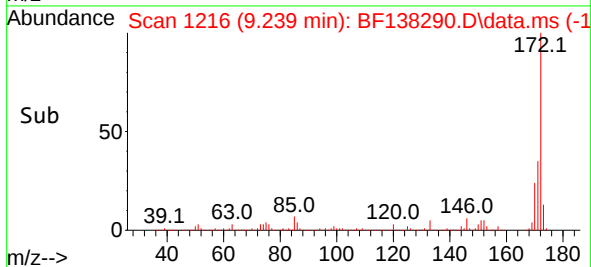
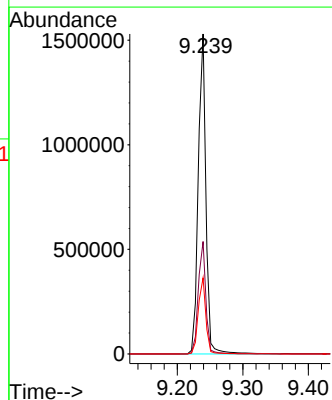
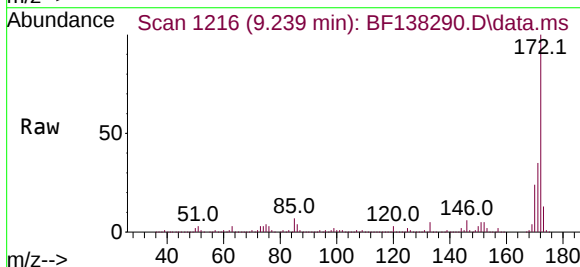
Tgt Ion:172 Resp: 1246520

Ion Ratio Lower Upper

172 100

171 35.2 30.3 45.5

170 23.8 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

Instrument :

BNA\_F

ClientSampleId :

OSTL-B6

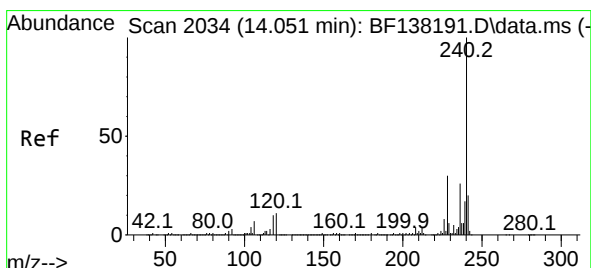
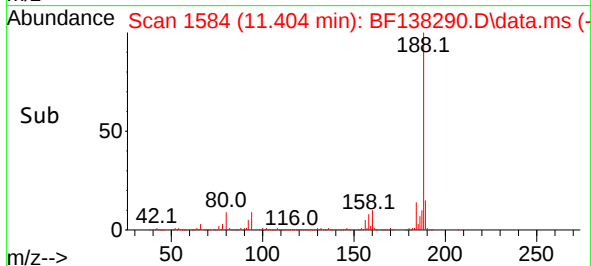
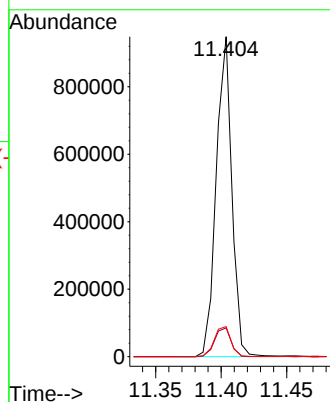
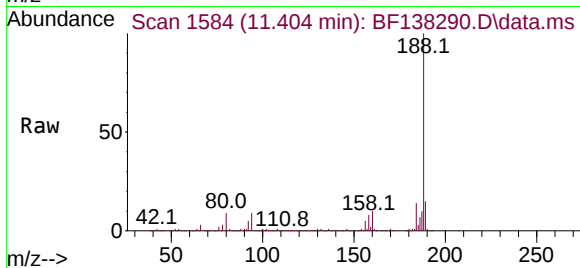
Tgt Ion:188 Resp: 784501

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

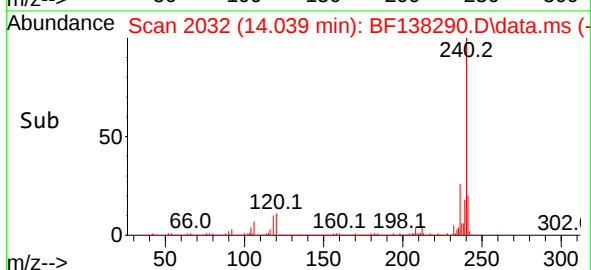
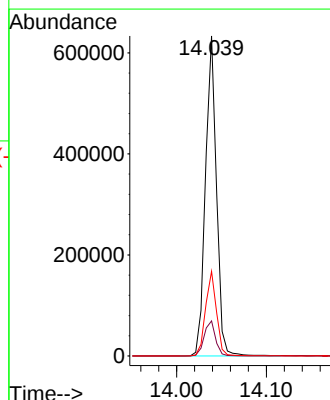
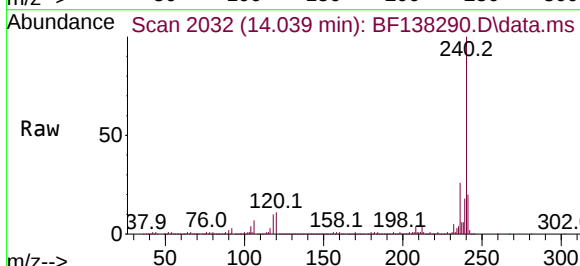
Tgt Ion:240 Resp: 539167

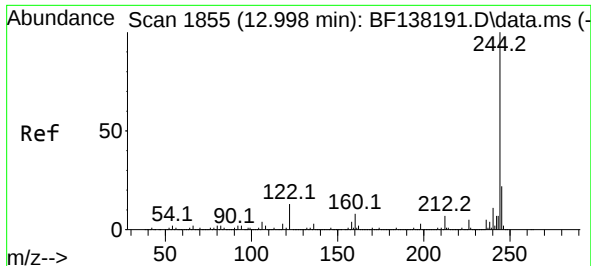
Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

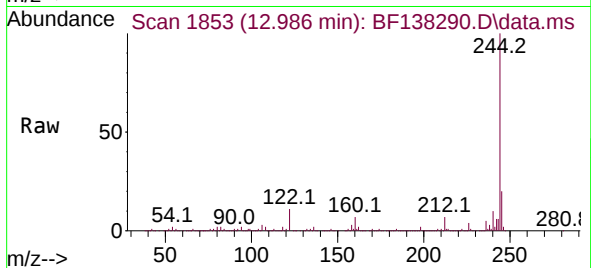
236 26.4 21.0 31.6



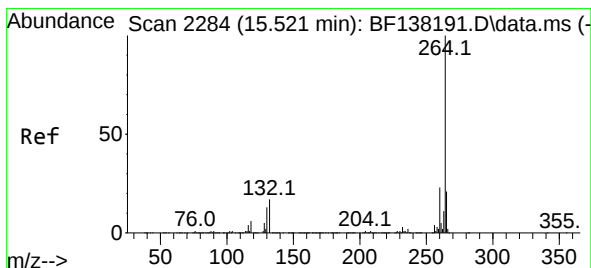
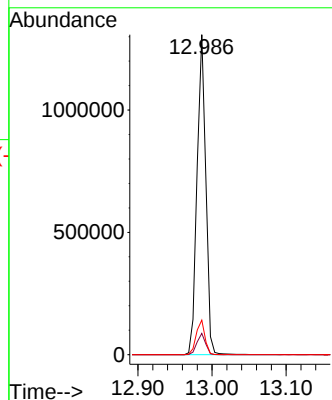
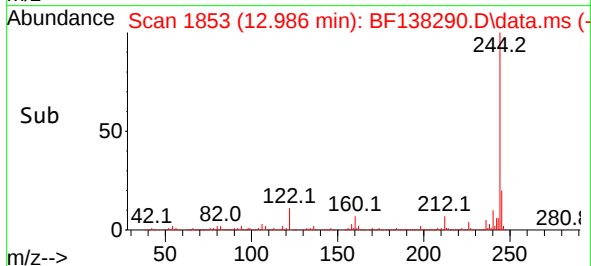


#79  
 Terphenyl-d14  
 Concen: 31.468 ng  
 RT: 12.986 min Scan# 1853  
 Delta R.T. -0.012 min  
 Lab File: BF138290.D  
 Acq: 21 Jun 2024 17:32

Instrument :  
 BNA\_F  
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 OSTL-B6



Tgt Ion:244 Resp: 1071234  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.9 8.9  
 122 10.8 10.6 15.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.509 min Scan# 2282  
 Delta R.T. -0.012 min  
 Lab File: BF138290.D  
 Acq: 21 Jun 2024 17:32

Tgt Ion:264 Resp: 536463  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 18.7 28.1  
 265 22.3 17.0 25.6

