

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062124\  
 Data File : BF138295.D  
 Acq On : 21 Jun 2024 20:06  
 Operator : CG\JU  
 Sample : P2977-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OSTL-A6

Quant Time: Jun 21 23:02:27 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  | 269452   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.163  | 136  | 1000457  | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.916  | 164  | 500858   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.404 | 188  | 673978   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.039 | 240  | 540638   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.510 | 264  | 542627   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 1290175  | 80.097 | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 1575051  | 77.114 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 950161   | 55.290 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 348189   | 69.831 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 1821520  | 57.830 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.986 | 244  | 1450089  | 42.481 | ng    | -0.01    |

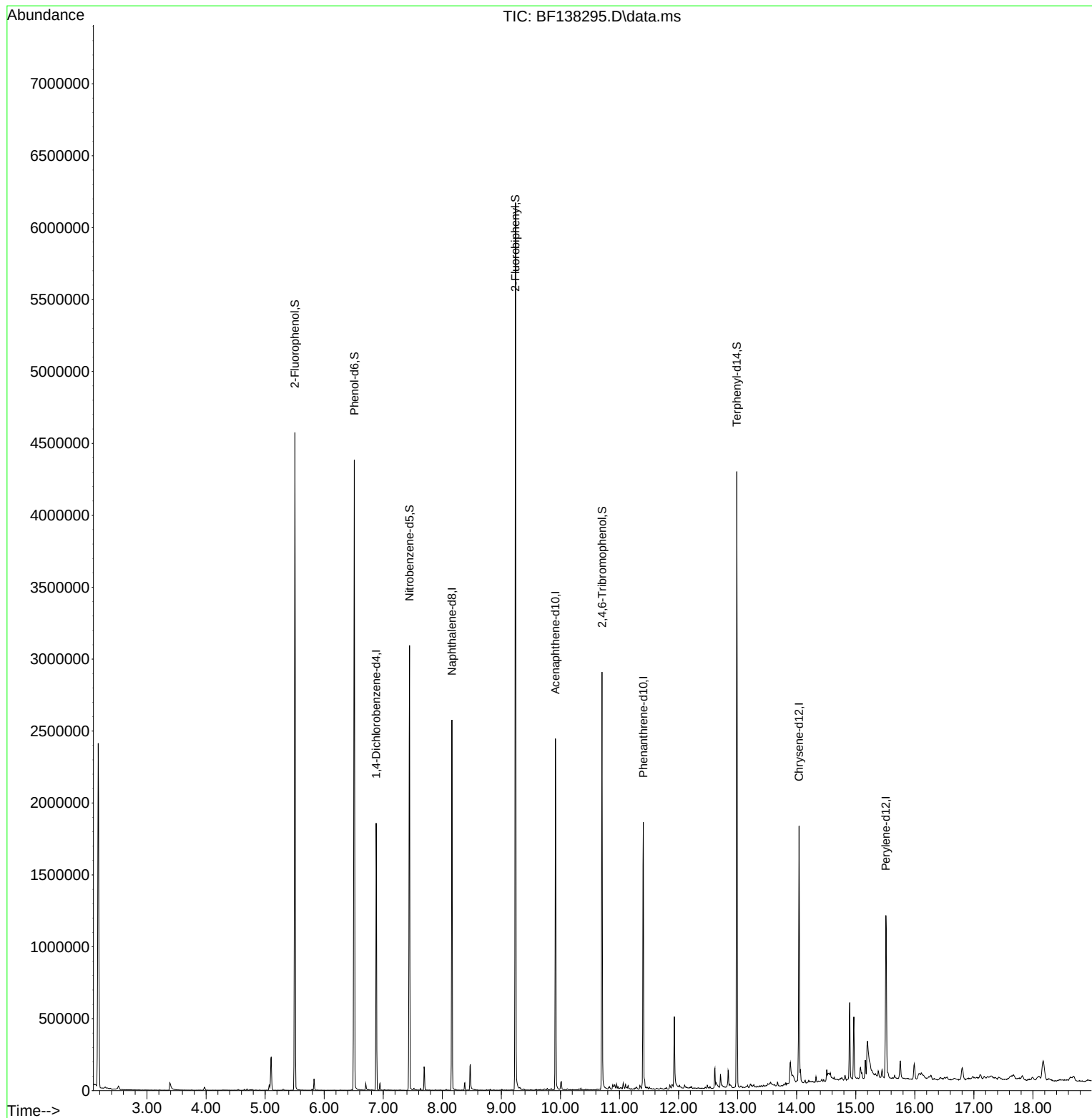
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

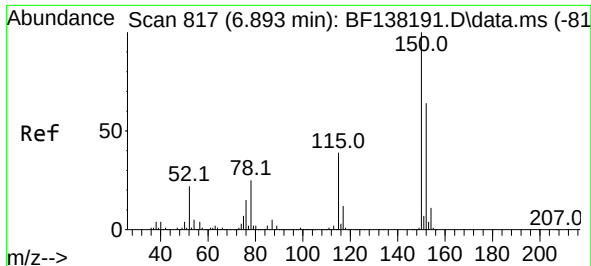
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

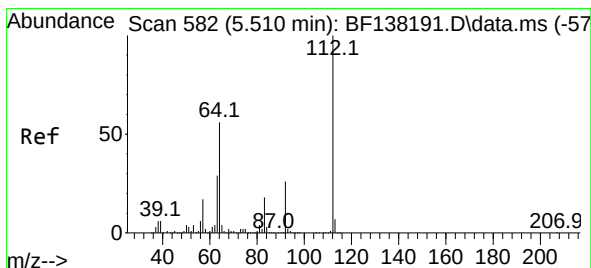
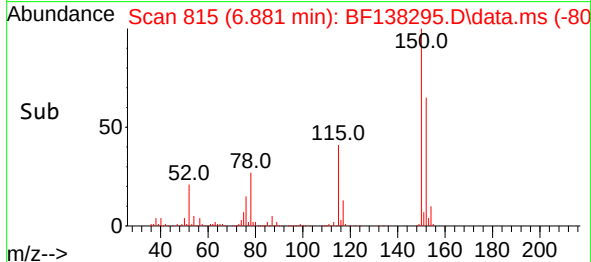
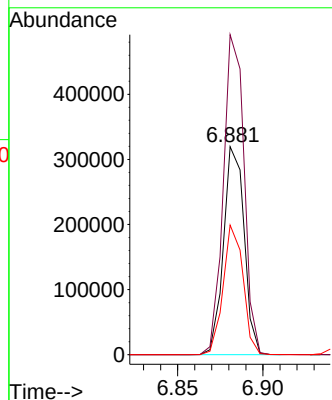
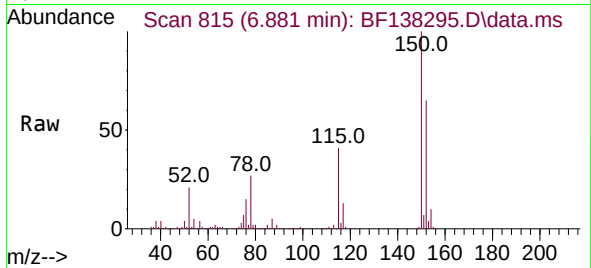




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 817  
Delta R.T. -0.012 min  
Lab File: BF138295.D  
Acq: 21 Jun 2024 20:06

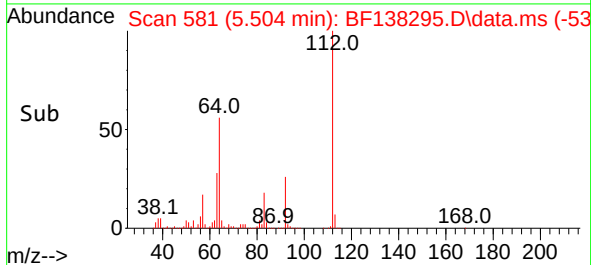
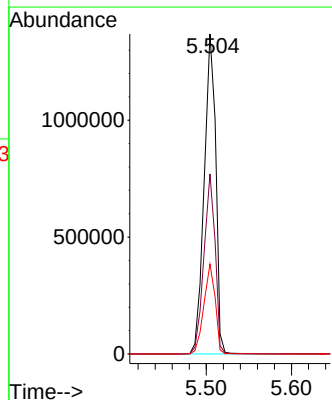
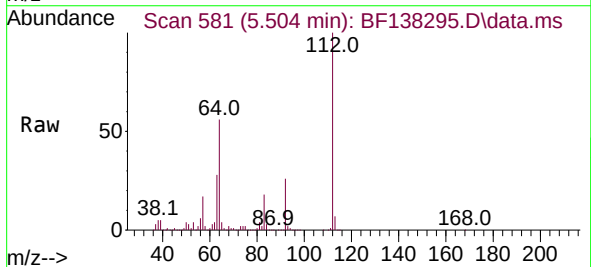
Instrument :  
BNA\_F  
ClientSampleId :  
OSTL-A6

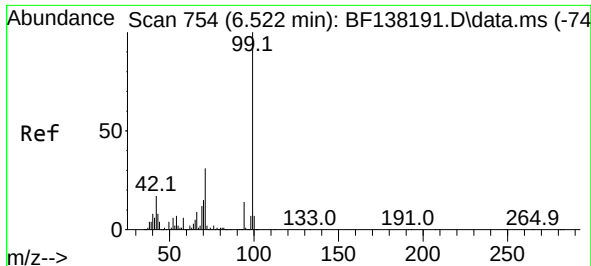
Tgt Ion:152 Resp: 269452  
Ion Ratio Lower Upper  
152 100  
150 153.9 125.0 187.4  
115 62.3 48.4 72.6



#5  
2-Fluorophenol  
Concen: 80.097 ng  
RT: 5.504 min Scan# 581  
Delta R.T. -0.006 min  
Lab File: BF138295.D  
Acq: 21 Jun 2024 20:06

Tgt Ion:112 Resp: 1290175  
Ion Ratio Lower Upper  
112 100  
64 56.2 45.2 67.8  
63 28.1 22.9 34.3

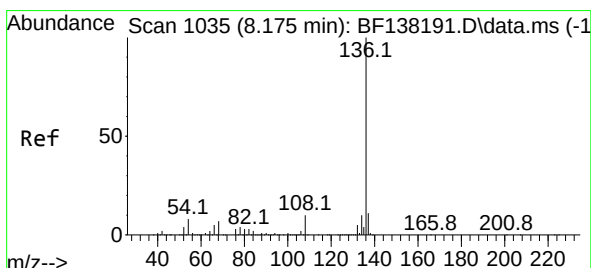
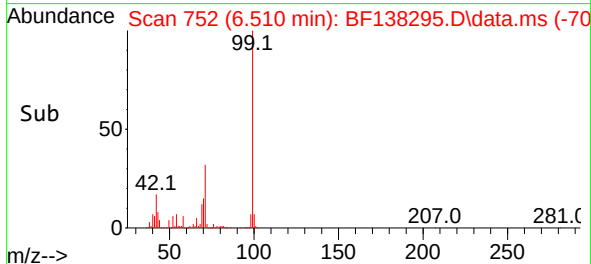
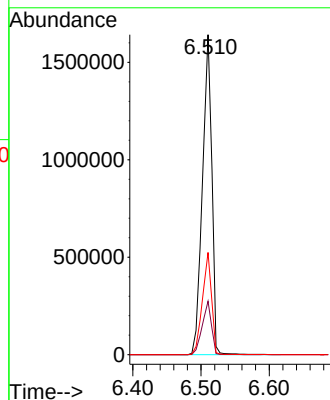
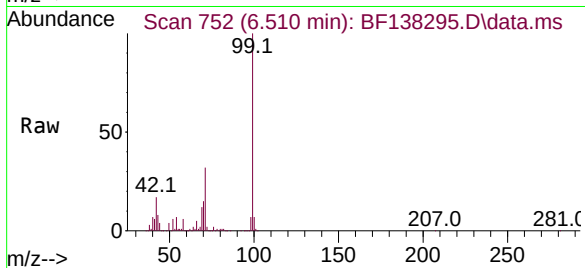




#7  
Phenol-d6  
Concen: 77.114 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF138295.D  
Acq: 21 Jun 2024 20:06

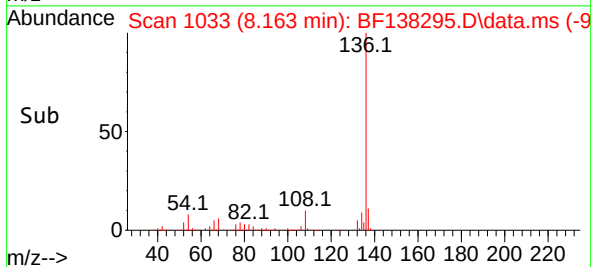
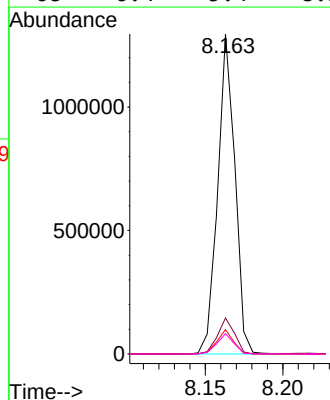
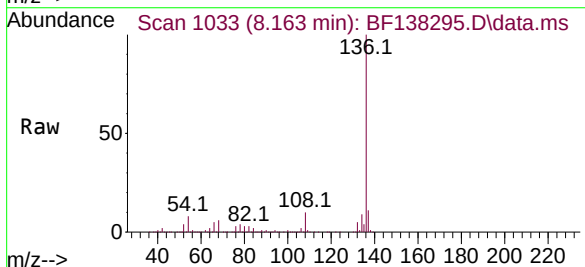
Instrument :  
BNA\_F  
ClientSampleId :  
OSTL-A6

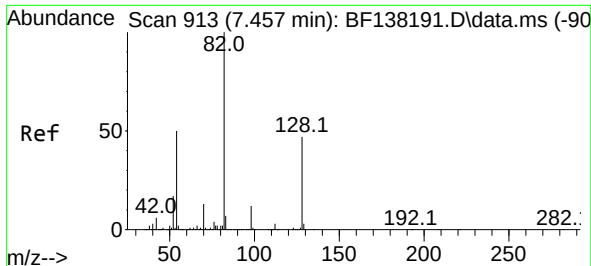
Tgt Ion: 99 Resp: 1575051  
Ion Ratio Lower Upper  
99 100  
42 16.7 13.7 20.5  
71 32.0 25.0 37.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. -0.012 min  
Lab File: BF138295.D  
Acq: 21 Jun 2024 20:06

Tgt Ion: 136 Resp: 1000457  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.1 13.7  
54 7.6 6.6 10.0  
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 55.290 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138295.D

Acq: 21 Jun 2024 20:06

Instrument :

BNA\_F

ClientSampleId :

OSTL-A6

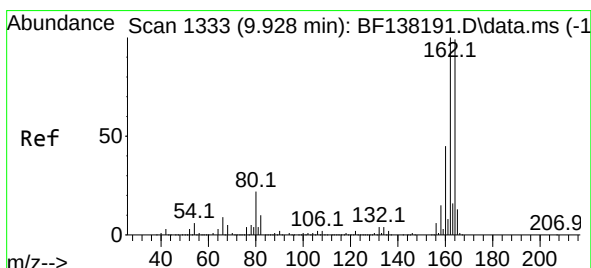
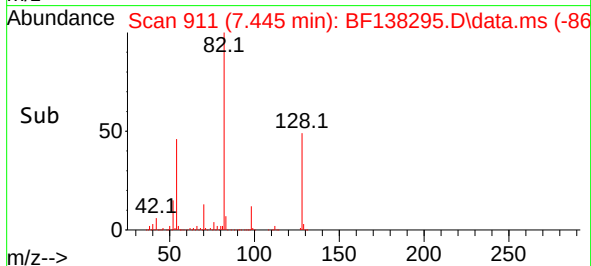
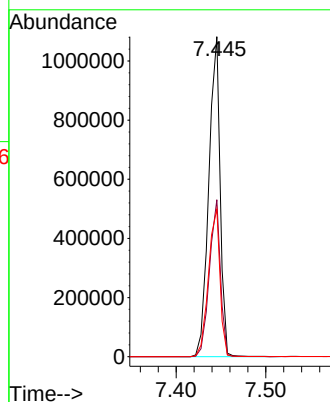
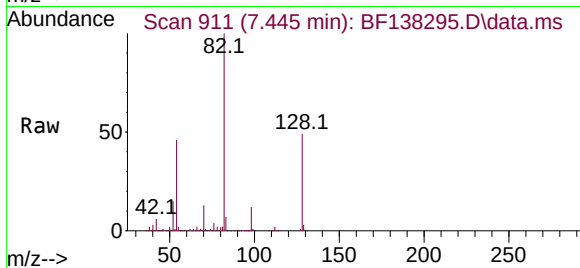
Tgt Ion: 82 Resp: 950161

Ion Ratio Lower Upper

82 100

128 49.0 37.2 55.8

54 46.1 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: BF138295.D

Acq: 21 Jun 2024 20:06

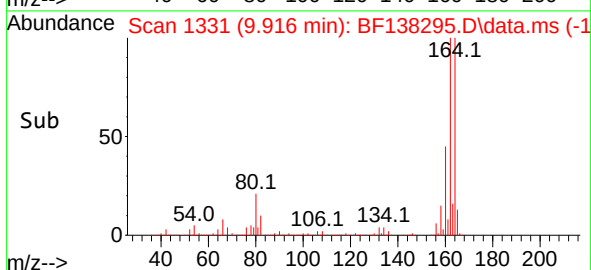
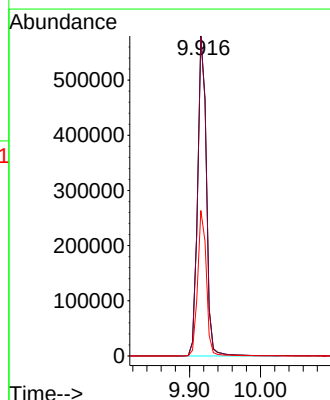
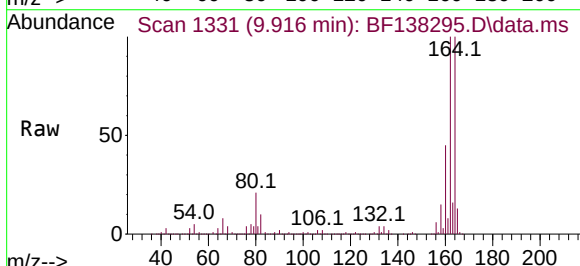
Tgt Ion: 164 Resp: 500858

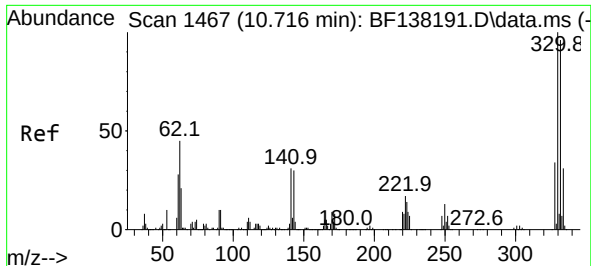
Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

160 45.5 36.3 54.5



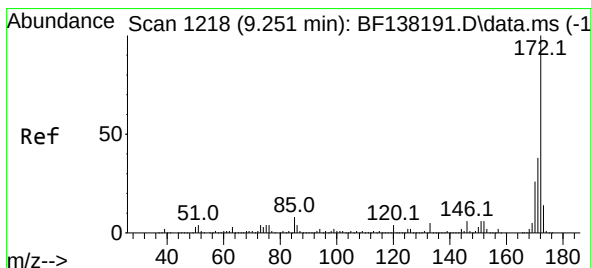
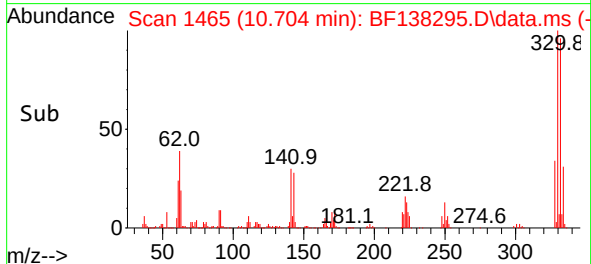
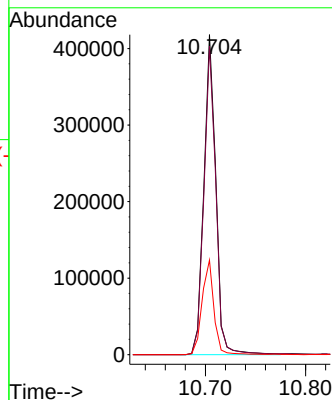
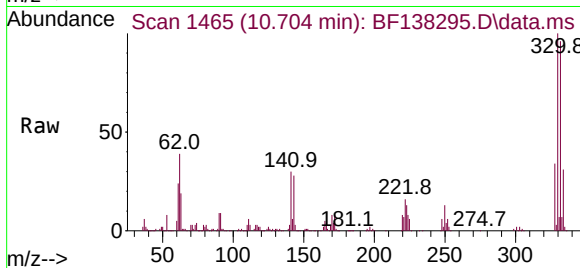


#42  
 2,4,6-Tribromophenol  
 Concen: 69.831 ng  
 RT: 10.704 min Scan# 1465  
 Delta R.T. -0.012 min  
 Lab File: BF138295.D  
 Acq: 21 Jun 2024 20:06

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 OSTL-A6

Tgt Ion:330 Resp: 348189  

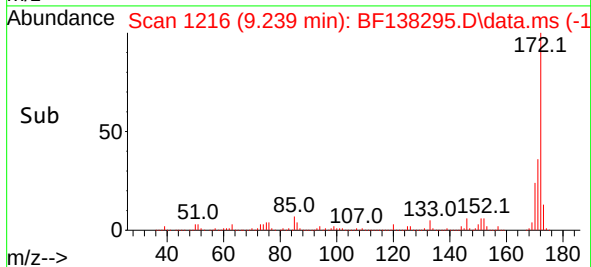
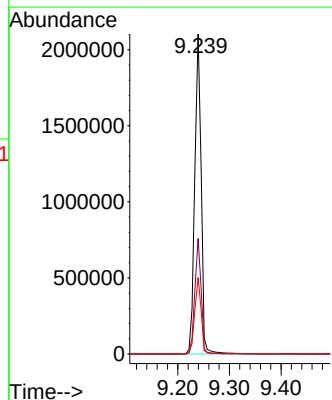
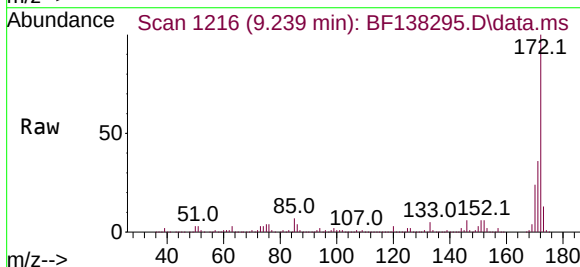
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.7  | 76.6  | 115.0 |
| 141 | 29.3  | 23.9  | 35.9  |

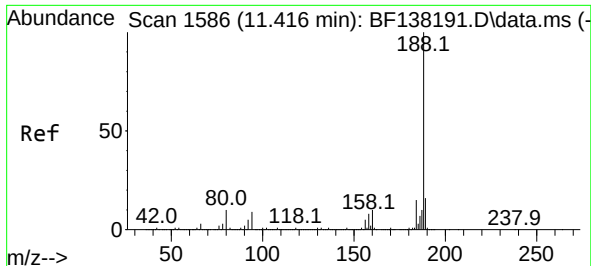


#45  
 2-Fluorobiphenyl  
 Concen: 57.830 ng  
 RT: 9.239 min Scan# 1216  
 Delta R.T. -0.012 min  
 Lab File: BF138295.D  
 Acq: 21 Jun 2024 20:06

Tgt Ion:172 Resp: 1821520  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.1  | 30.3  | 45.5  |
| 170 | 23.9  | 20.6  | 30.8  |

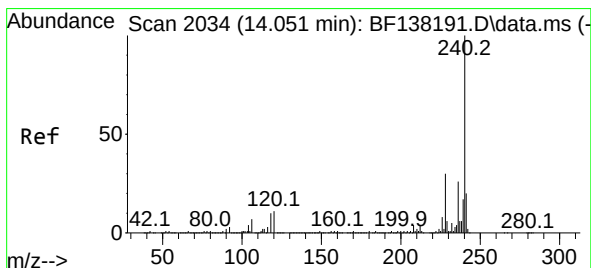
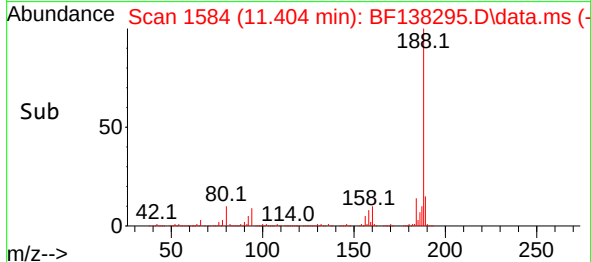
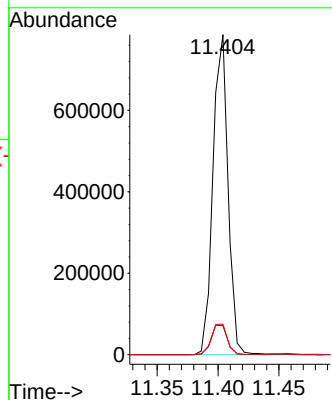
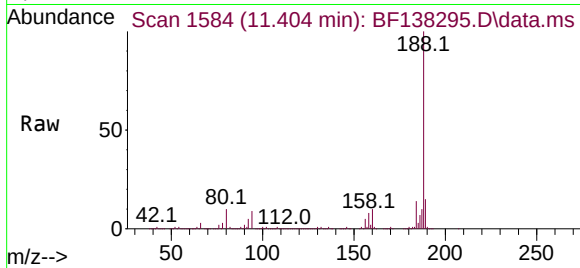




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF138295.D  
Acq: 21 Jun 2024 20:06

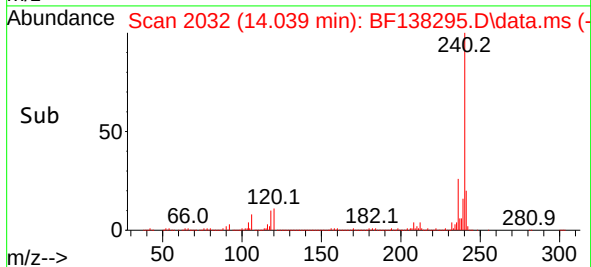
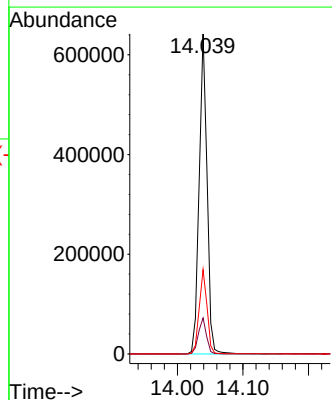
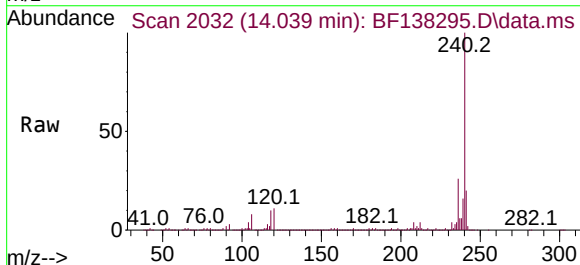
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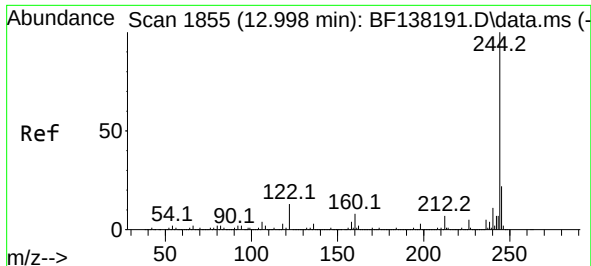
Tgt Ion:188 Resp: 673978  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.6 11.4  
80 9.5 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.012 min  
Lab File: BF138295.D  
Acq: 21 Jun 2024 20:06

Tgt Ion:240 Resp: 540638  
Ion Ratio Lower Upper  
240 100  
120 11.3 9.2 13.8  
236 26.3 21.0 31.6

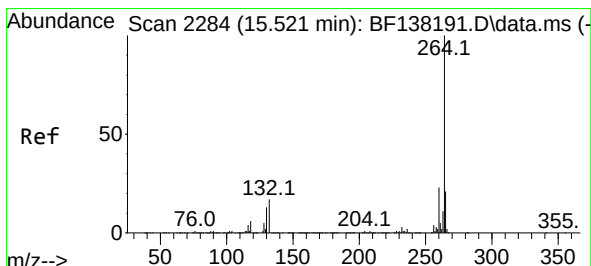
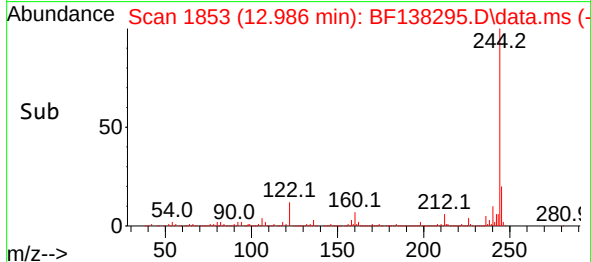
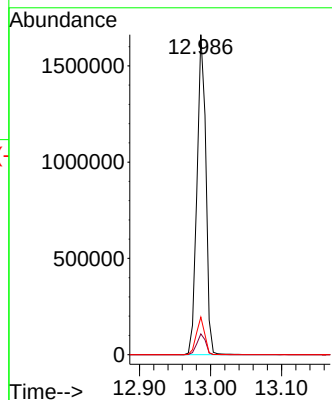
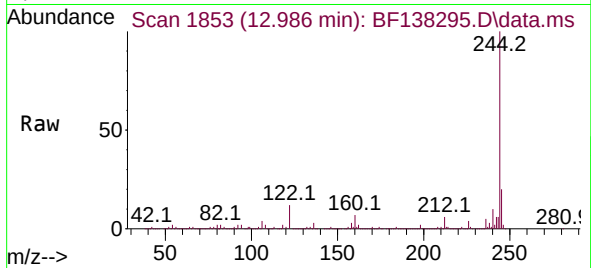




#79  
 Terphenyl-d14  
 Concen: 42.481 ng  
 RT: 12.986 min Scan# 1853  
 Delta R.T. -0.012 min  
 Lab File: BF138295.D  
 Acq: 21 Jun 2024 20:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OSTL-A6

Tgt Ion:244 Resp: 1450089  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.9 8.9  
 122 11.7 10.6 15.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.510 min Scan# 2282  
 Delta R.T. -0.012 min  
 Lab File: BF138295.D  
 Acq: 21 Jun 2024 20:06

Tgt Ion:264 Resp: 542627  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.7 28.1  
 265 22.0 17.0 25.6

