

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052224\  
 Data File : BF138016.D  
 Acq On : 22 May 2024 20:56  
 Operator : CG\JU  
 Sample : P2555-01 10X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-01-052124

Quant Time: May 23 01:15:48 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF051424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 15 04:12:16 2024  
 Response via : Initial Calibration

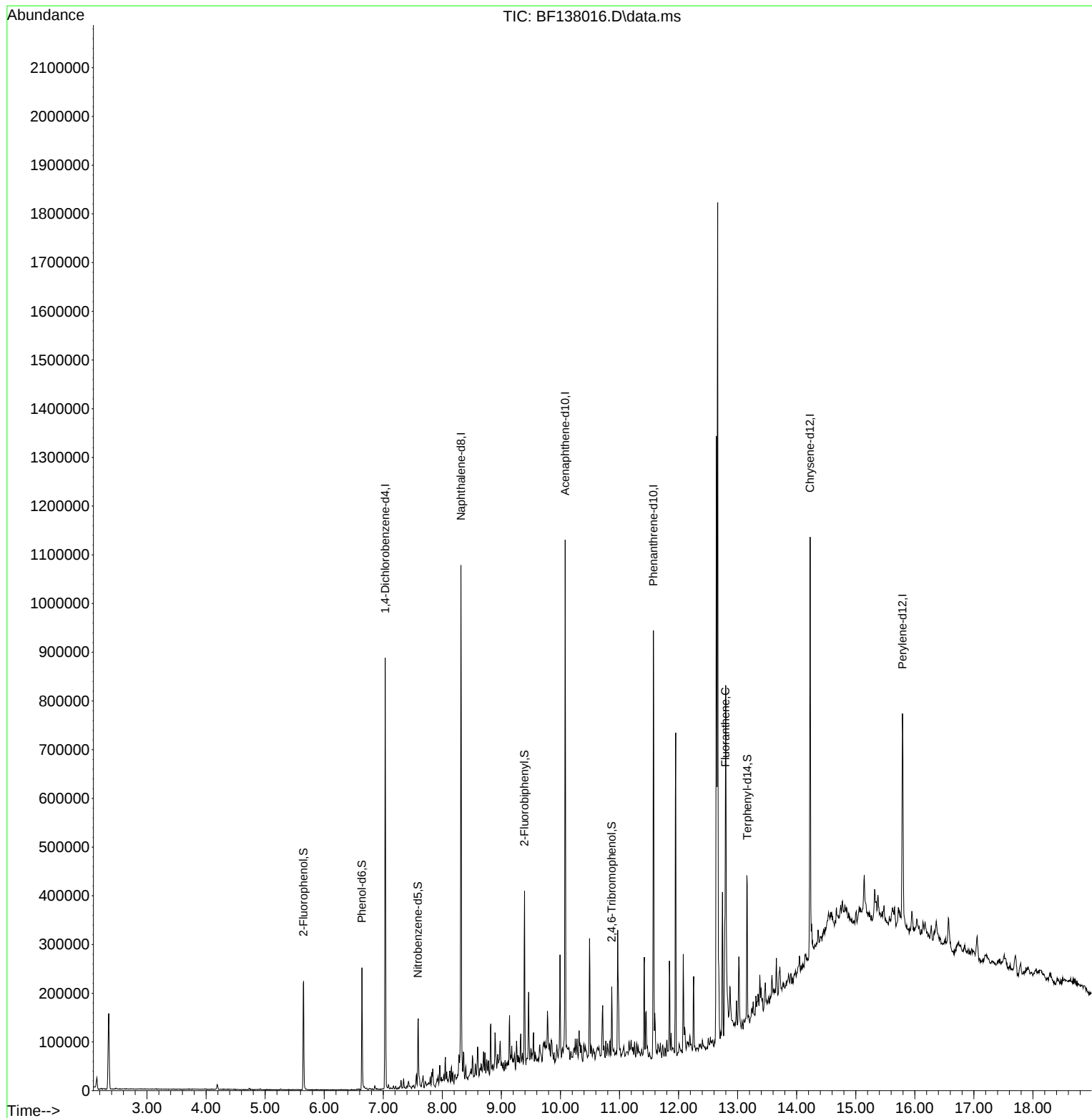
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|--------|-------|--------------|
| -----                       |        |      |          |        |       |              |
| Internal Standards          |        |      |          |        |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 7.033  | 152  | 123759   | 20.000 | ng    | -0.01        |
| 21) Naphthalene-d8          | 8.316  | 136  | 432894   | 20.000 | ng    | -0.01        |
| 39) Acenaphthene-d10        | 10.080 | 164  | 204127   | 20.000 | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.574 | 188  | 315962   | 20.000 | ng    | 0.00         |
| 76) Chrysene-d12            | 14.227 | 240  | 264651   | 20.000 | ng    | 0.00         |
| 86) Perylene-d12            | 15.792 | 264  | 201889   | 20.000 | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.651  | 112  | 67274    | 9.234  | ng    | -0.01        |
| 7) Phenol-d6                | 6.639  | 99   | 81840    | 9.119  | ng    | -0.02        |
| 23) Nitrobenzene-d5         | 7.586  | 82   | 45741    | 6.218  | ng    | -0.02        |
| 42) 2,4,6-Tribromophenol    | 10.869 | 330  | 17614    | 8.558  | ng    | -0.01        |
| 45) 2-Fluorobiphenyl        | 9.392  | 172  | 101908   | 7.690  | ng    | 0.00         |
| 79) Terphenyl-d14           | 13.162 | 244  | 107138   | 5.966  | ng    | 0.00         |
| Target Compounds            |        |      |          |        |       |              |
| 75) Fluoranthene            | 12.792 | 202  | 39016    | 2.469  | ng    | Qvalue<br>92 |
| -----                       |        |      |          |        |       |              |

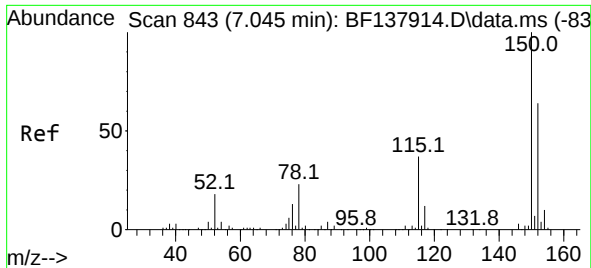
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF051424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 15 04:12:16 2024  
Response via : Initial Calibration

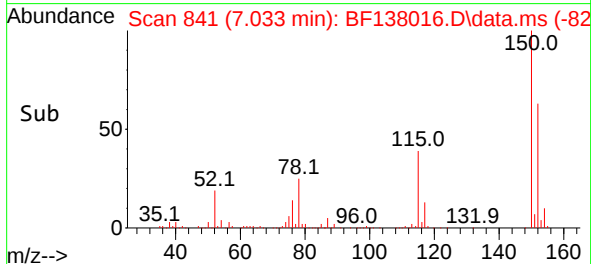
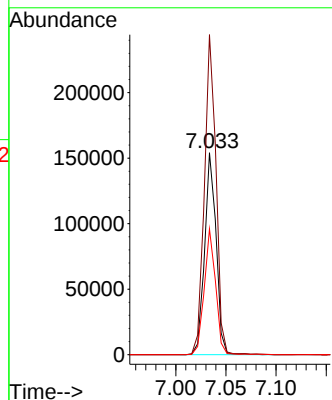
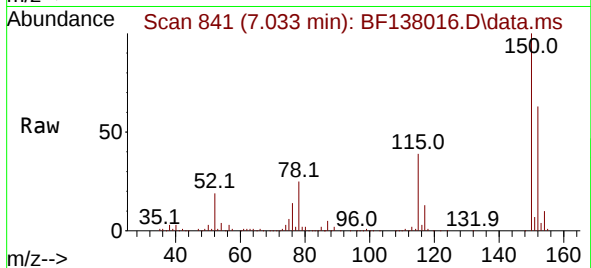




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.033 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: BF138016.D  
Acq: 22 May 2024 20:56

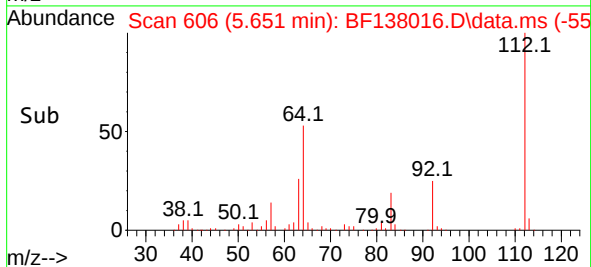
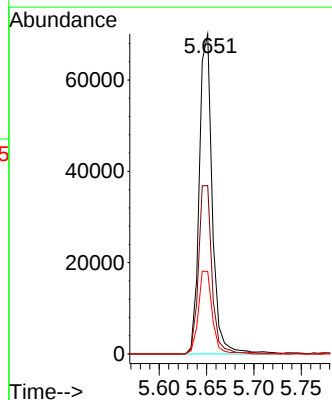
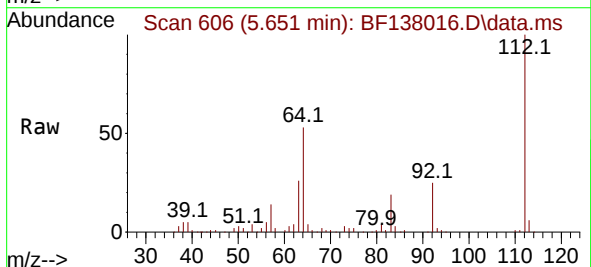
Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-052124

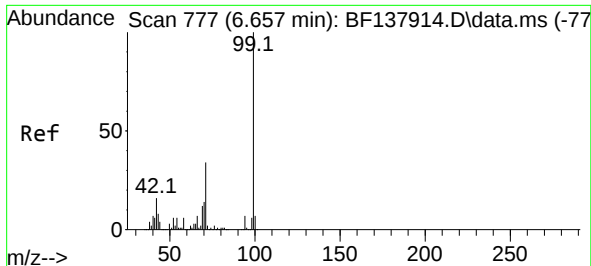
Tgt Ion:152 Resp: 123759  
Ion Ratio Lower Upper  
152 100  
150 158.5 125.7 188.5  
115 62.3 47.0 70.6



#5  
2-Fluorophenol  
Concen: 9.234 ng  
RT: 5.651 min Scan# 606  
Delta R.T. -0.012 min  
Lab File: BF138016.D  
Acq: 22 May 2024 20:56

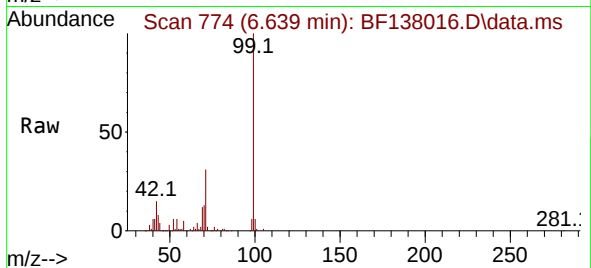
Tgt Ion:112 Resp: 67274  
Ion Ratio Lower Upper  
112 100  
64 52.6 42.4 63.6  
63 25.8 21.4 32.2



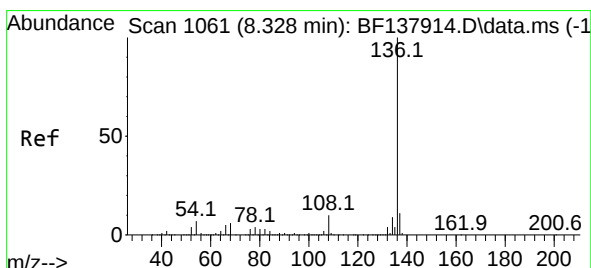
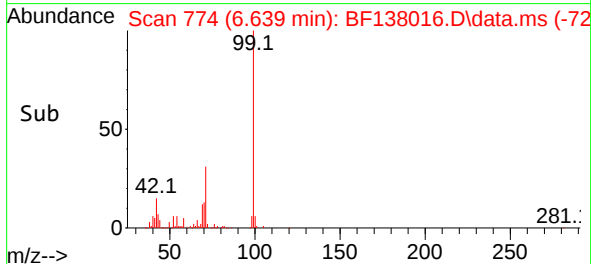
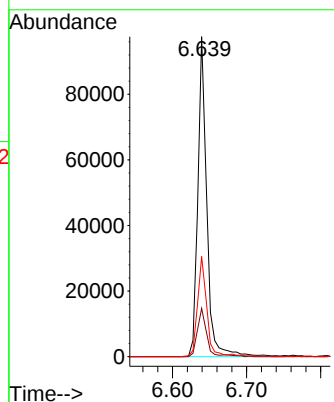


#7  
Phenol-d6  
Concen: 9.119 ng  
RT: 6.639 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF138016.D  
Acq: 22 May 2024 20:56

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-052124

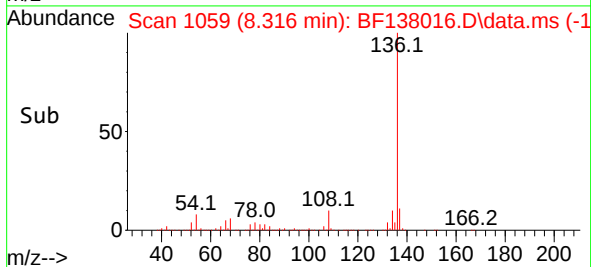
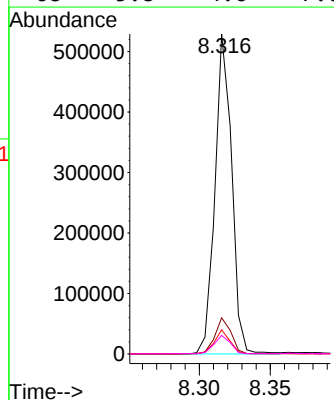
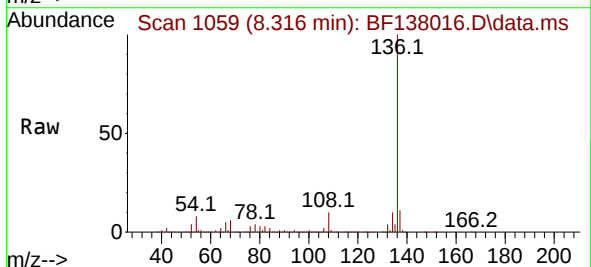


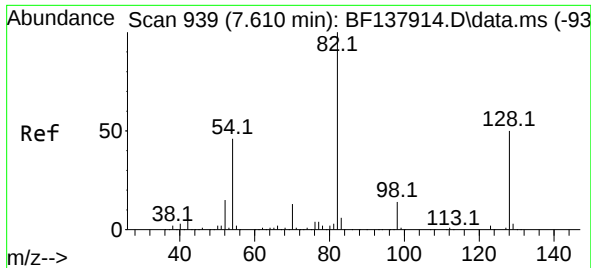
Tgt Ion: 99 Resp: 81840  
Ion Ratio Lower Upper  
99 100  
42 15.1 12.6 18.8  
71 31.3 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.316 min Scan# 1059  
Delta R.T. -0.012 min  
Lab File: BF138016.D  
Acq: 22 May 2024 20:56

Tgt Ion: 136 Resp: 432894  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.7 13.1  
54 7.6 5.4 8.2  
68 5.8 4.6 7.0

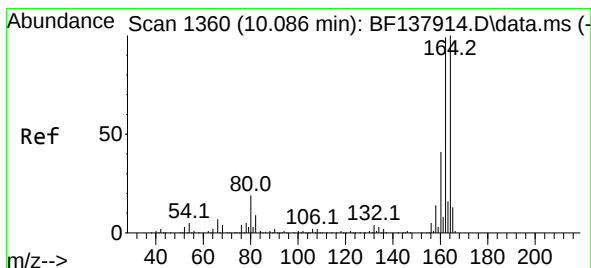
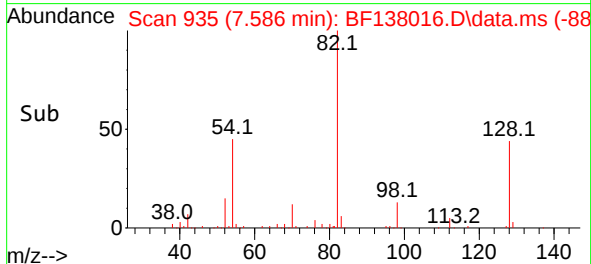
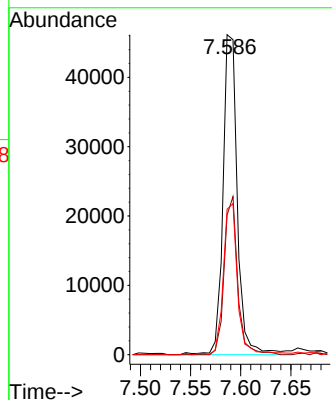
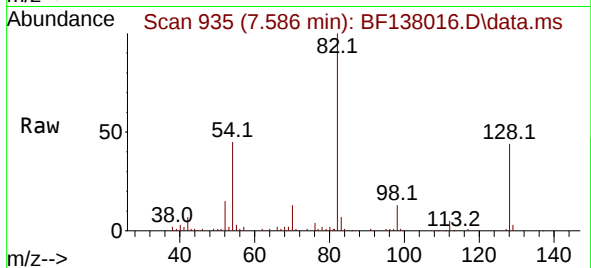




#23  
 Nitrobenzene-d5  
 Concen: 6.218 ng  
 RT: 7.586 min Scan# 91  
 Delta R.T. -0.024 min  
 Lab File: BF138016.D  
 Acq: 22 May 2024 20:56

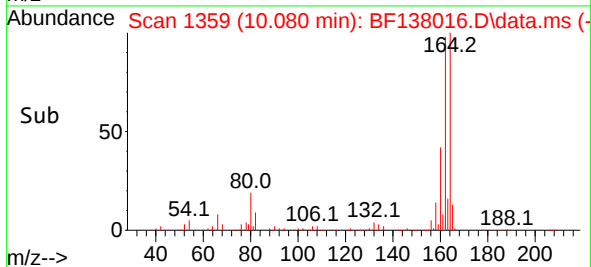
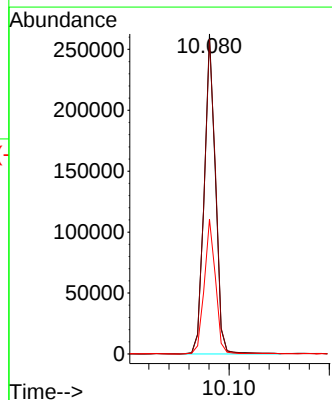
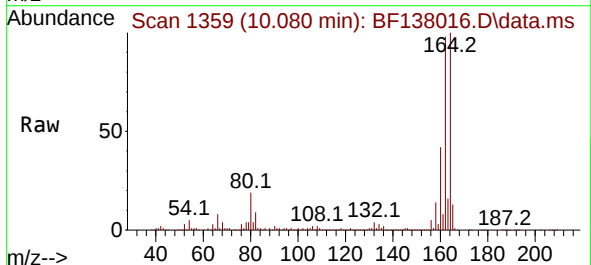
Instrument :  
 BNA\_F  
 ClientSampleId :  
 EO-01-052124

Tgt Ion: 82 Resp: 45741  
 Ion Ratio Lower Upper  
 82 100  
 128 43.6 40.3 60.5  
 54 45.5 36.8 55.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.080 min Scan# 1359  
 Delta R.T. -0.006 min  
 Lab File: BF138016.D  
 Acq: 22 May 2024 20:56

Tgt Ion: 164 Resp: 204127  
 Ion Ratio Lower Upper  
 164 100  
 162 98.4 79.4 119.2  
 160 42.1 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 8.558 ng

RT: 10.869 min Scan# 1493

Delta R.T. -0.012 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

Instrument :

BNA\_F

ClientSampleId :

EO-01-052124

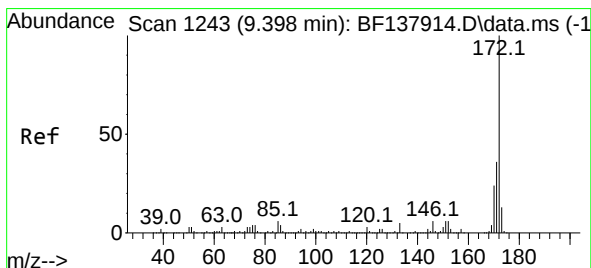
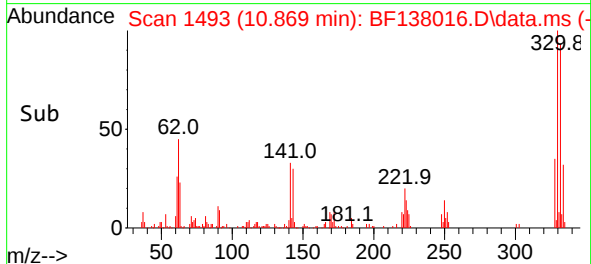
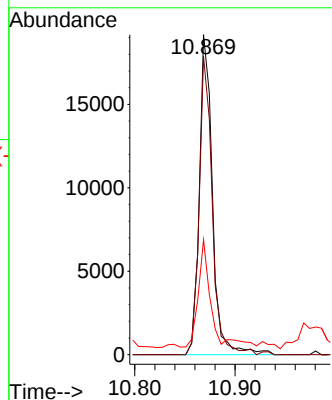
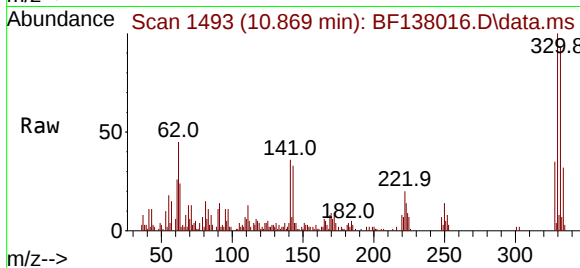
Tgt Ion:330 Resp: 17614

Ion Ratio Lower Upper

330 100

332 93.0 75.8 113.8

141 29.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 7.690 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138016.D

Acq: 22 May 2024 20:56

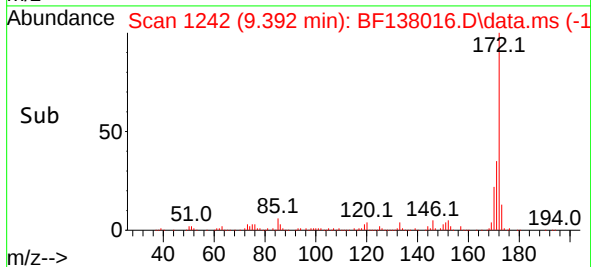
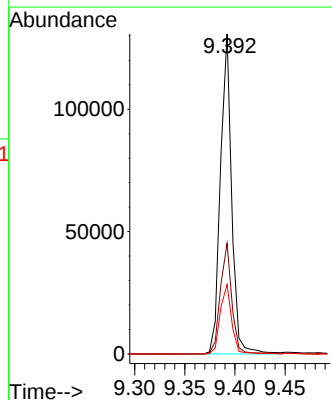
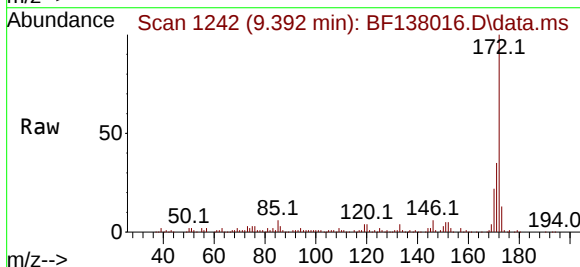
Tgt Ion:172 Resp: 101908

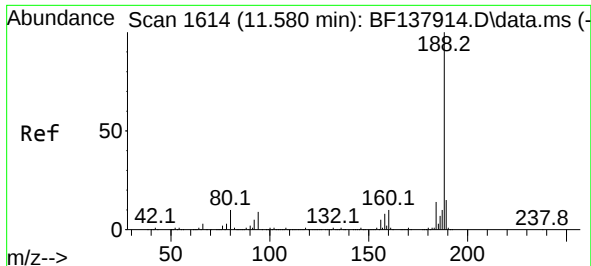
Ion Ratio Lower Upper

172 100

171 34.5 28.9 43.3

170 21.7 18.9 28.3

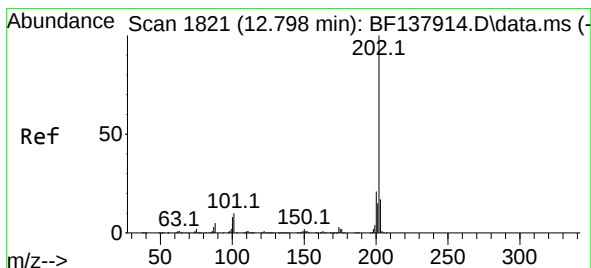
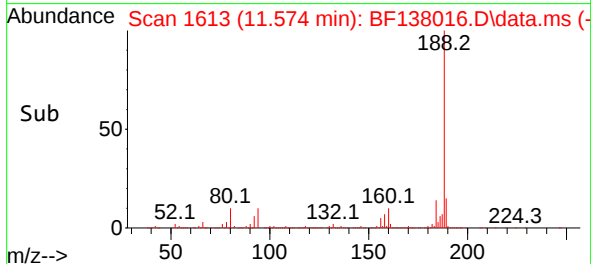
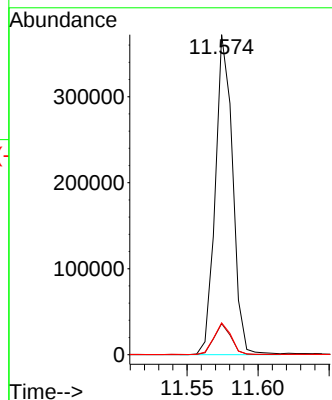
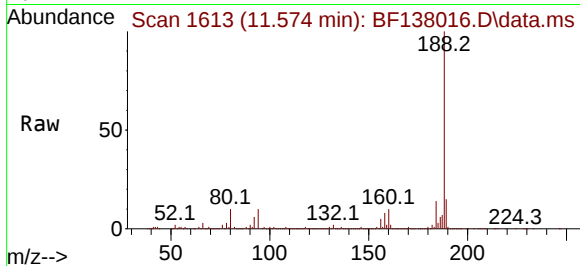




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.574 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF138016.D  
Acq: 22 May 2024 20:56

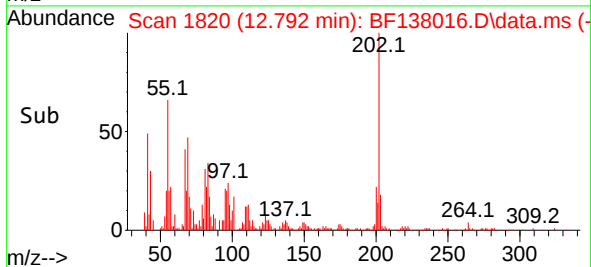
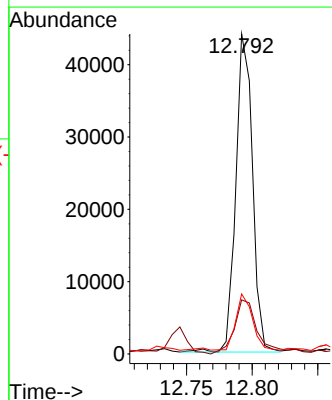
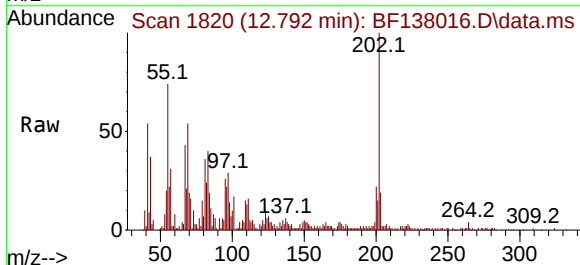
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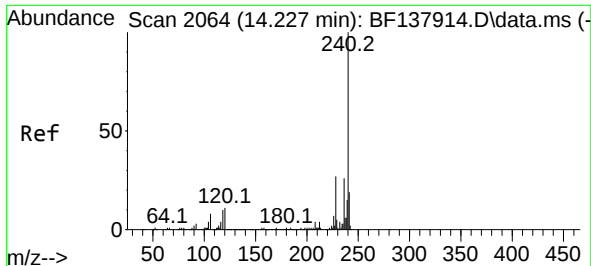
Tgt Ion:188 Resp: 315962  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.0 10.4  
80 10.0 7.7 11.5



#75  
Fluoranthene  
Concen: 2.469 ng  
RT: 12.792 min Scan# 1820  
Delta R.T. -0.006 min  
Lab File: BF138016.D  
Acq: 22 May 2024 20:56

Tgt Ion:202 Resp: 39016  
Ion Ratio Lower Upper  
202 100  
101 16.9 0.0 30.5  
203 18.7 0.0 37.3

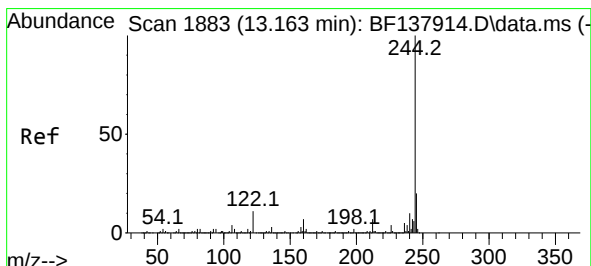
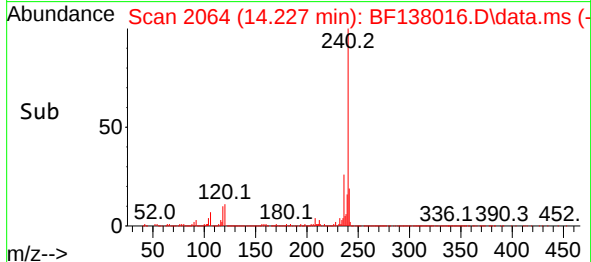
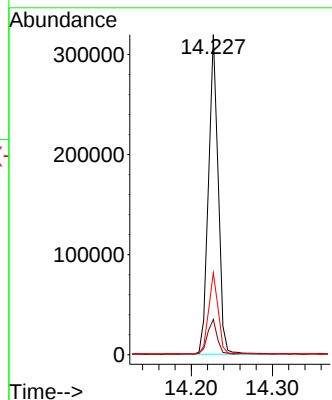
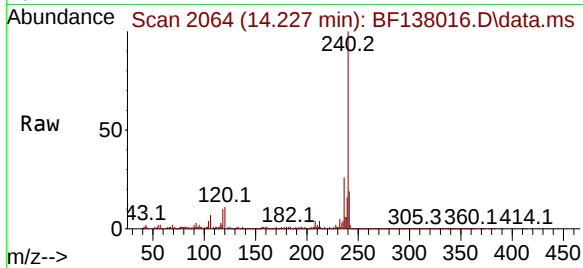




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.227 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: BF138016.D  
Acq: 22 May 2024 20:56

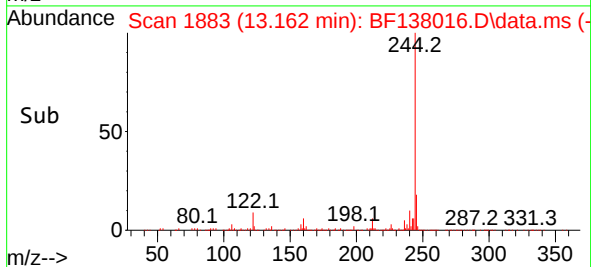
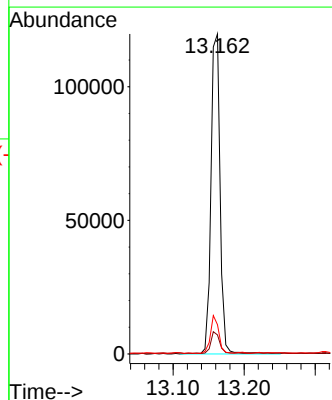
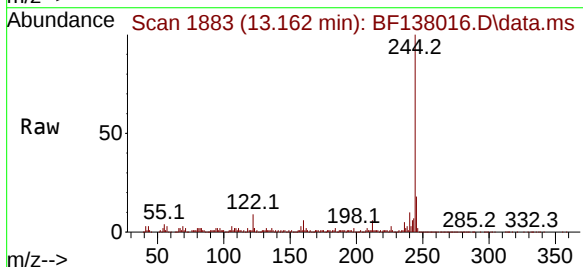
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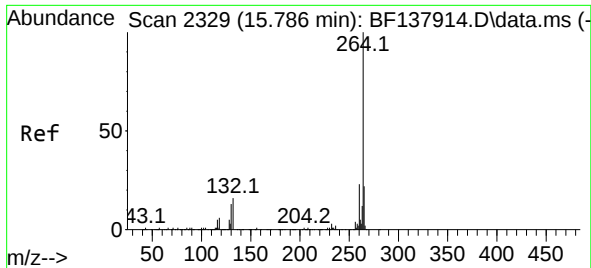
Tgt Ion:240 Resp: 264651  
Ion Ratio Lower Upper  
240 100  
120 11.0 8.9 13.3  
236 25.6 21.0 31.4



#79  
Terphenyl-d14  
Concen: 5.966 ng  
RT: 13.162 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: BF138016.D  
Acq: 22 May 2024 20:56

Tgt Ion:244 Resp: 107138  
Ion Ratio Lower Upper  
244 100  
212 5.9 5.6 8.4  
122 9.2 8.8 13.2





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.792 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF138016.D  
Acq: 22 May 2024 20:56

Instrument :  
BNA\_F  
ClientSampleId :  
EO-01-052124

Tgt Ion:264 Resp: 201889  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.1  | 18.3  | 27.5  |
| 265 | 21.5  | 17.6  | 26.4  |

