

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120123\  
 Data File : BF136345.D  
 Acq On : 01 Dec 2023 19:06  
 Operator : CG\JU  
 Sample : 05525-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TWP12

Quant Time: Dec 02 00:34:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 28 03:04:20 2023  
 Response via : Initial Calibration

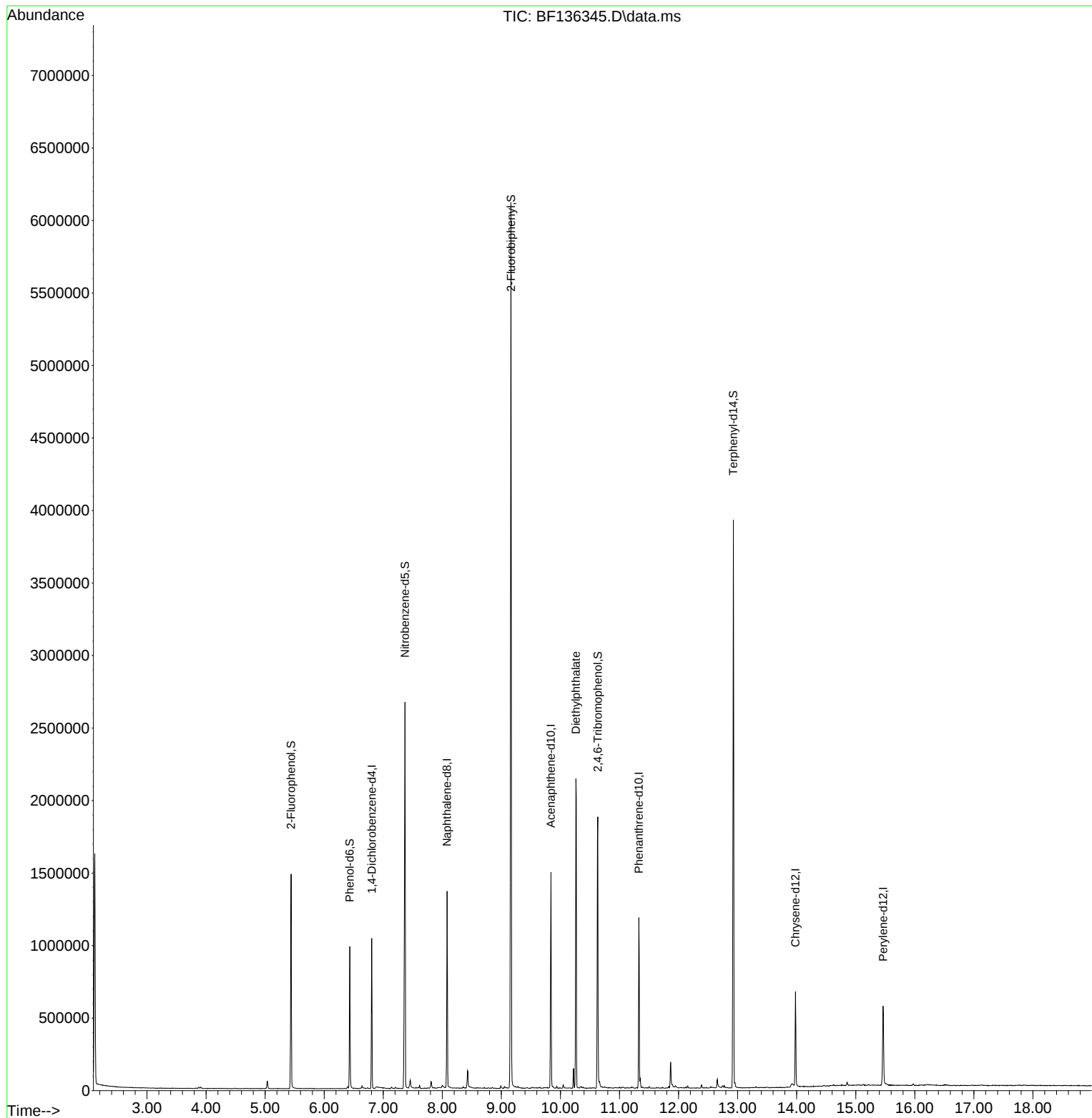
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.804  | 152  | 138525   | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.081  | 136  | 568972   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.839  | 164  | 281263   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.327 | 188  | 414807   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12            | 13.980 | 240  | 216227   | 20.000 | ng    | -0.01     |
| 86) Perylene-d12            | 15.463 | 264  | 271303   | 20.000 | ng    | -0.01     |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.440  | 112  | 379098   | 38.090 | ng    | 0.00      |
| 7) Phenol-d6                | 6.434  | 99   | 298096   | 23.954 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.369  | 82   | 966873   | 89.798 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.633 | 330  | 258271   | 75.108 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.163  | 172  | 1942446  | 88.213 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.927 | 244  | 1387874  | 74.038 | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 60) Diethylphthalate        | 10.263 | 149  | 844260   | 39.702 | ng    | Qvalue 99 |
| -----                       |        |      |          |        |       |           |

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

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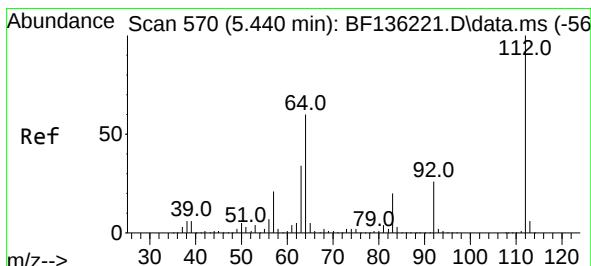
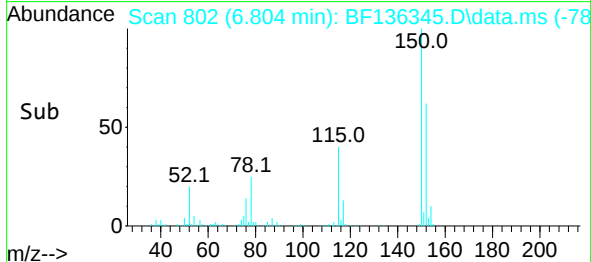
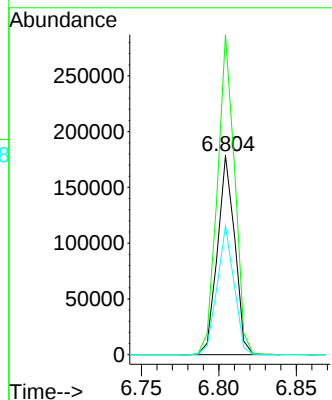
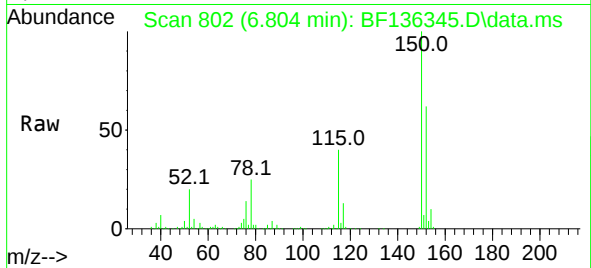




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.804 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF136345.D  
Acq: 01 Dec 2023 19:06

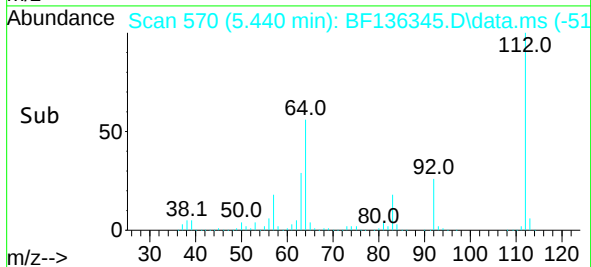
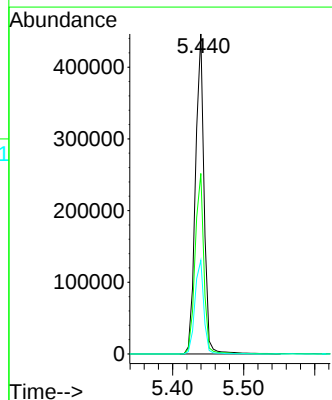
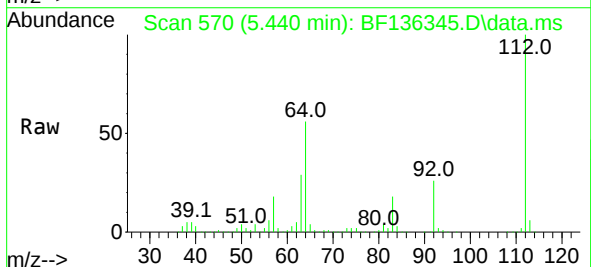
Instrument :  
BNA\_F  
ClientSampleId :  
TWP12

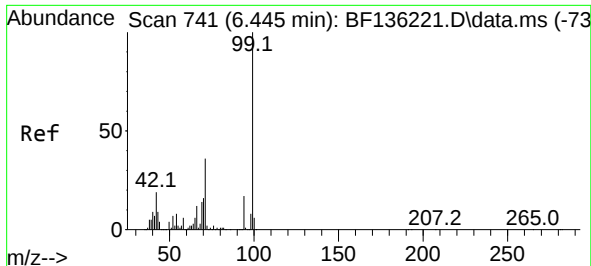
Tgt Ion:152 Resp: 138525  
Ion Ratio Lower Upper  
152 100  
150 160.7 137.8 206.8  
115 64.8 52.7 79.1



#5  
2-Fluorophenol  
Concen: 38.090 ng  
RT: 5.440 min Scan# 570  
Delta R.T. 0.000 min  
Lab File: BF136345.D  
Acq: 01 Dec 2023 19:06

Tgt Ion:112 Resp: 379098  
Ion Ratio Lower Upper  
112 100  
64 56.4 48.2 72.4  
63 29.2 27.0 40.6

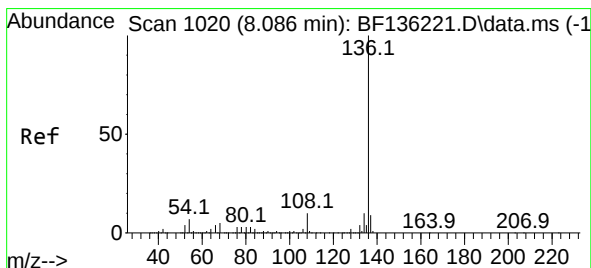
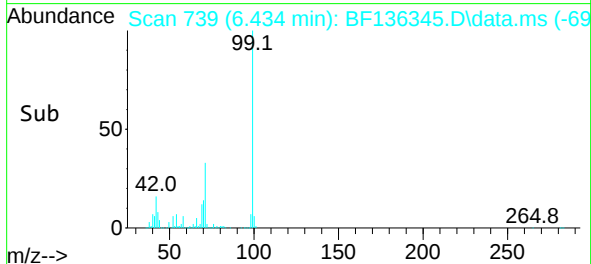
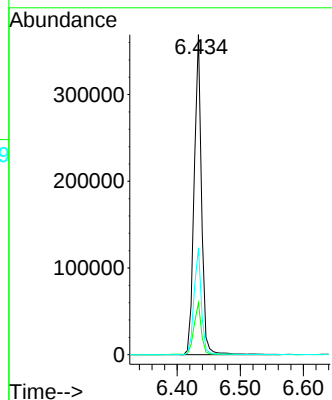
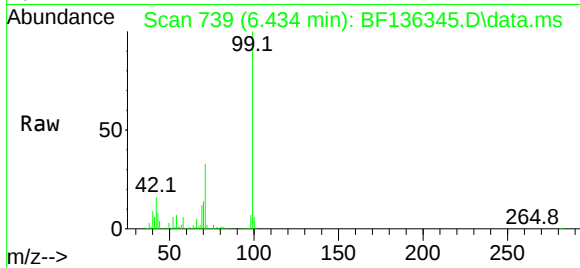




#7  
Phenol-d6  
Concen: 23.954 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136345.D  
Acq: 01 Dec 2023 19:06

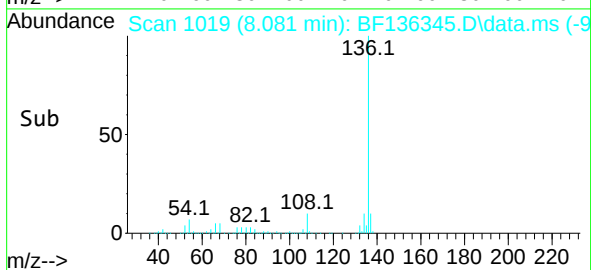
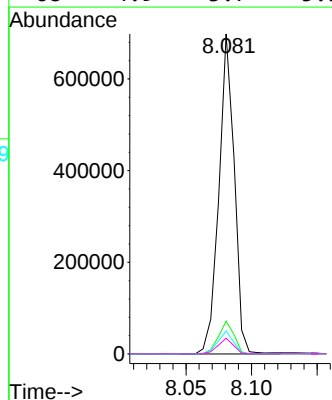
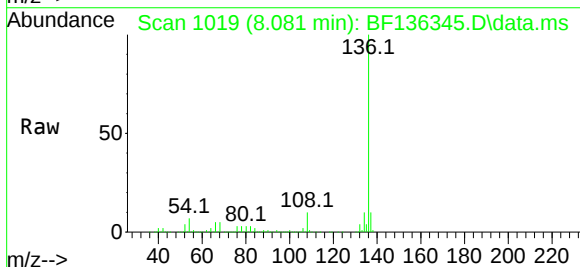
Instrument :  
BNA\_F  
ClientSampleId :  
TWP12

Tgt Ion: 99 Resp: 298096  
Ion Ratio Lower Upper  
99 100  
42 16.2 15.0 22.6  
71 33.4 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF136345.D  
Acq: 01 Dec 2023 19:06

Tgt Ion: 136 Resp: 568972  
Ion Ratio Lower Upper  
136 100  
137 10.3 7.4 11.2  
54 7.2 5.5 8.3  
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 89.798 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

Instrument :

BNA\_F

ClientSampleId :

TWP12

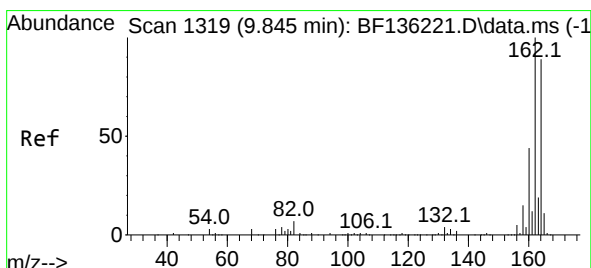
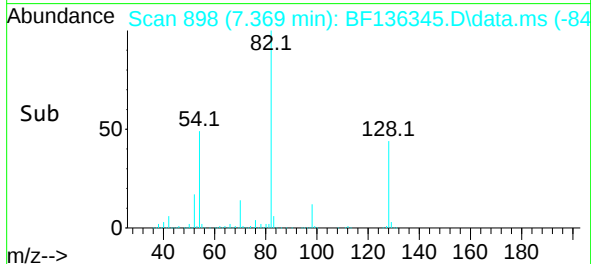
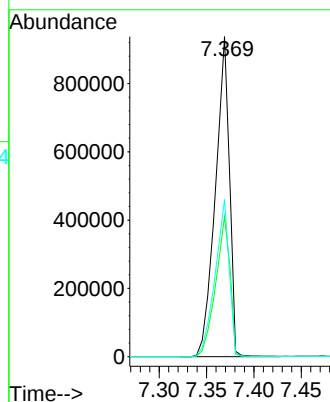
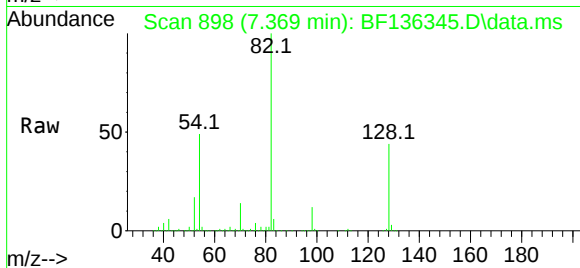
Tgt Ion: 82 Resp: 966873

Ion Ratio Lower Upper

82 100

128 43.9 33.4 50.2

54 49.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

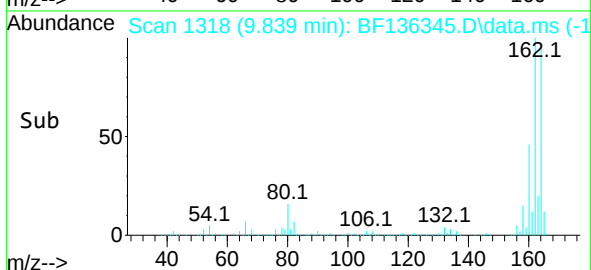
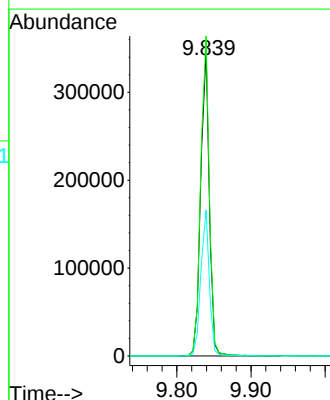
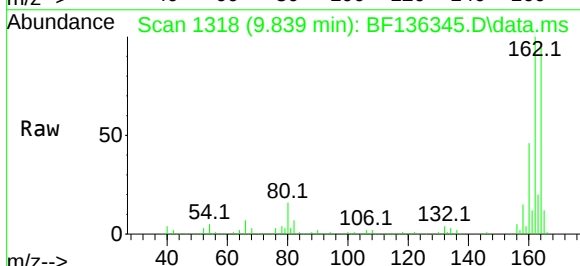
Tgt Ion:164 Resp: 281263

Ion Ratio Lower Upper

164 100

162 104.7 89.5 134.3

160 47.8 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 75.108 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136345.D

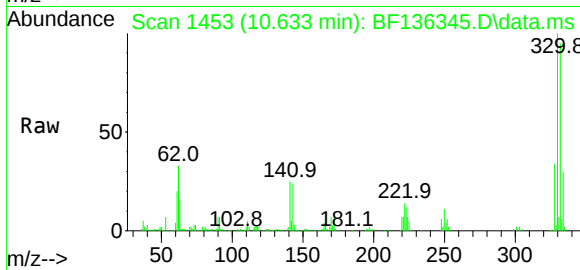
Acq: 01 Dec 2023 19:06

Instrument :

BNA\_F

ClientSampleId :

TWP12



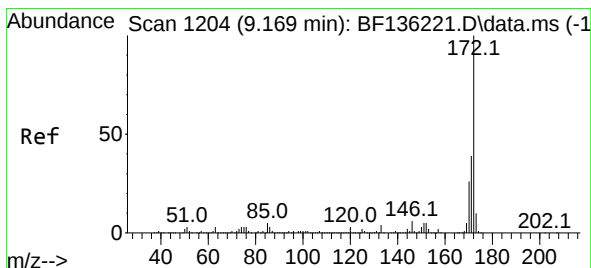
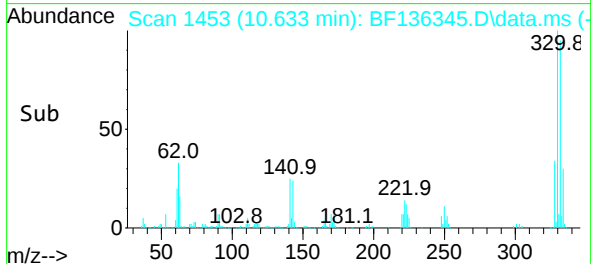
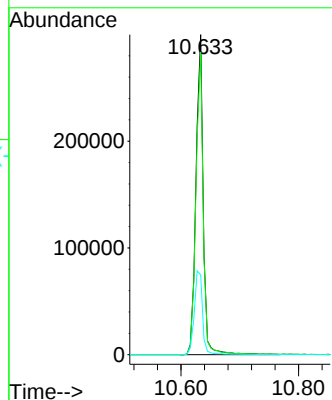
Tgt Ion:330 Resp: 258271

Ion Ratio Lower Upper

330 100

332 95.7 73.0 109.6

141 30.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 88.213 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

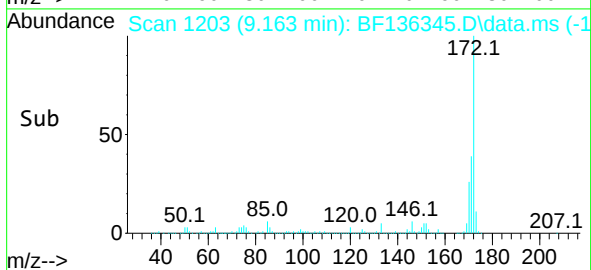
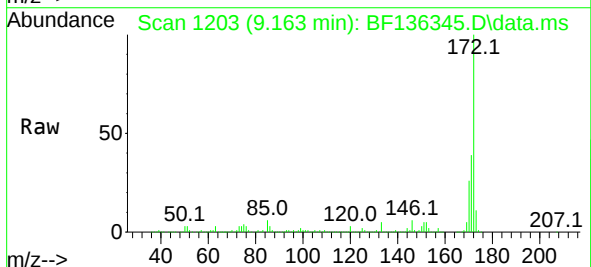
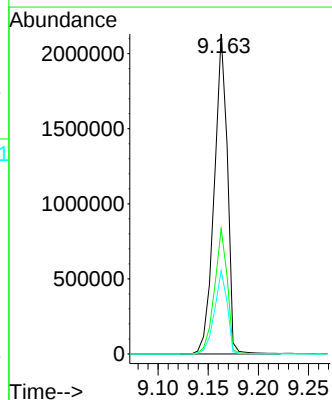
Tgt Ion:172 Resp: 1942446

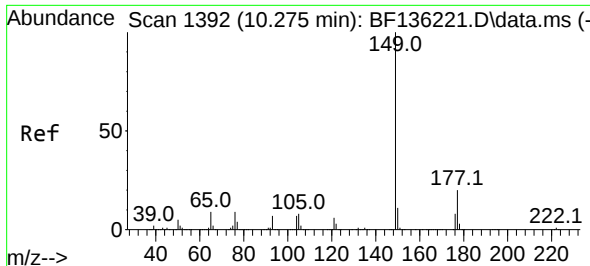
Ion Ratio Lower Upper

172 100

171 39.2 31.5 47.3

170 26.0 20.8 31.2

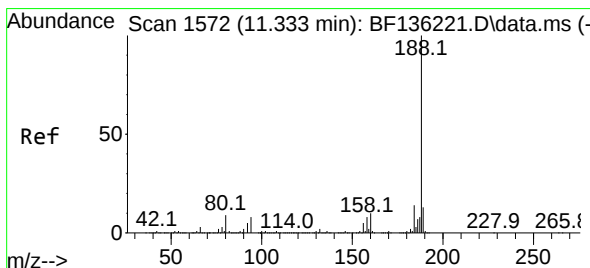
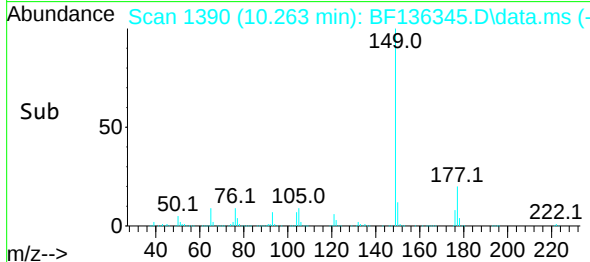
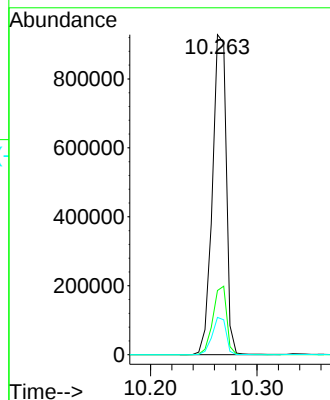
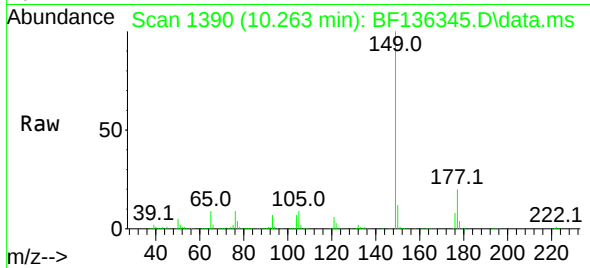




#60  
Diethylphthalate  
Concen: 39.702 ng  
RT: 10.263 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136345.D  
Acq: 01 Dec 2023 19:06

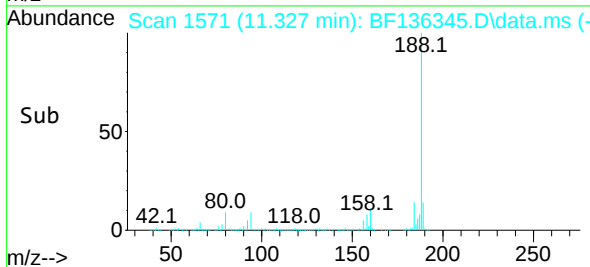
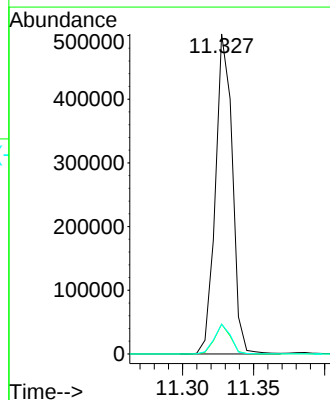
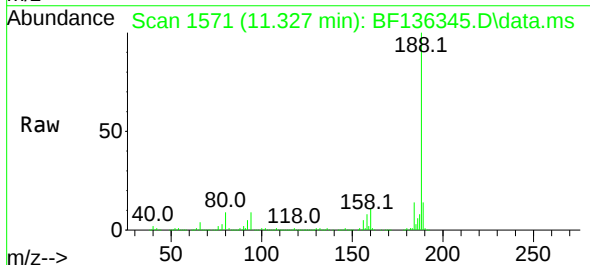
Instrument :  
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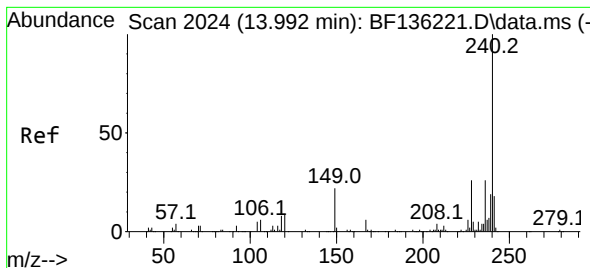
Tgt Ion:149 Resp: 844260  
Ion Ratio Lower Upper  
149 100  
177 20.0 15.8 23.6  
150 11.6 8.8 13.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.327 min Scan# 1571  
Delta R.T. -0.006 min  
Lab File: BF136345.D  
Acq: 01 Dec 2023 19:06

Tgt Ion:188 Resp: 414807  
Ion Ratio Lower Upper  
188 100  
94 9.3 6.7 10.1  
80 9.3 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

Instrument :

BNA\_F

ClientSampleId :

TWP12

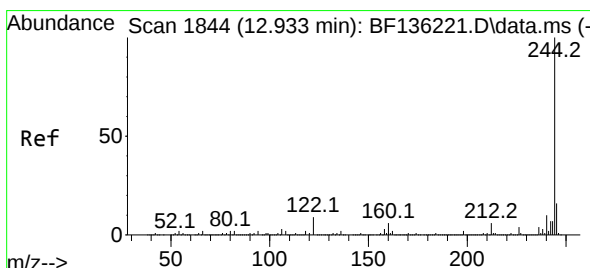
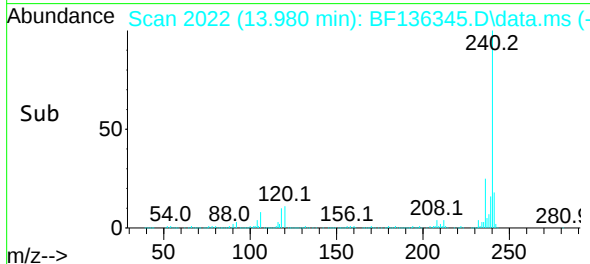
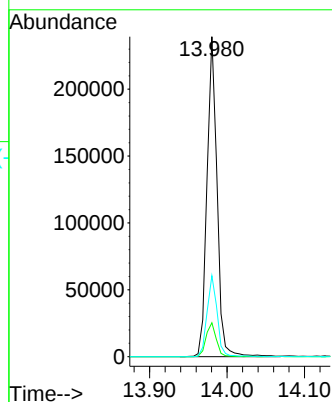
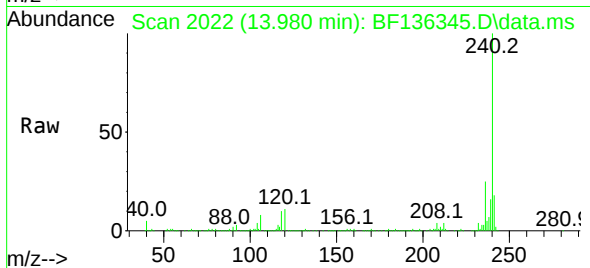
Tgt Ion:240 Resp: 216227

Ion Ratio Lower Upper

240 100

120 10.6 7.4 11.2

236 25.3 21.1 31.7



#79

Terphenyl-d14

Concen: 74.038 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136345.D

Acq: 01 Dec 2023 19:06

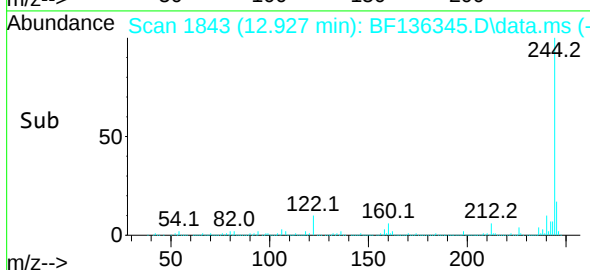
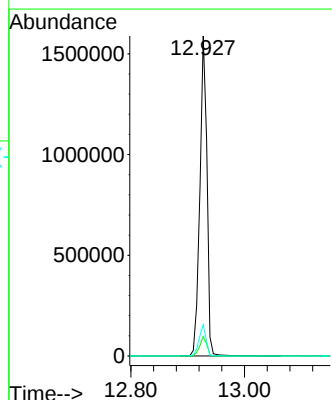
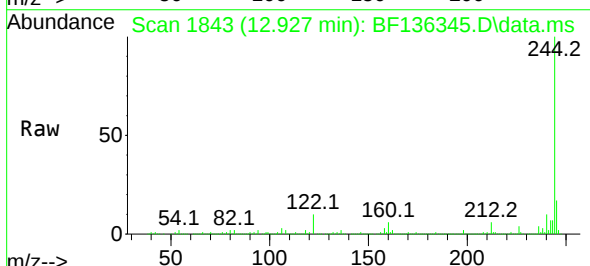
Tgt Ion:244 Resp: 1387874

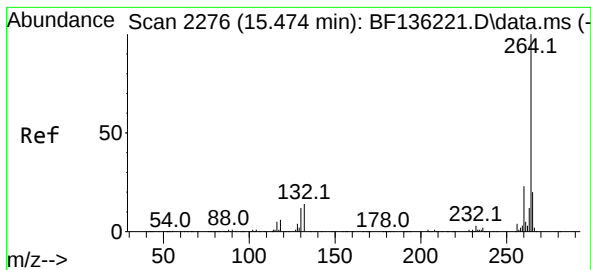
Ion Ratio Lower Upper

244 100

212 6.1 4.6 7.0

122 9.7 7.3 10.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF136345.D

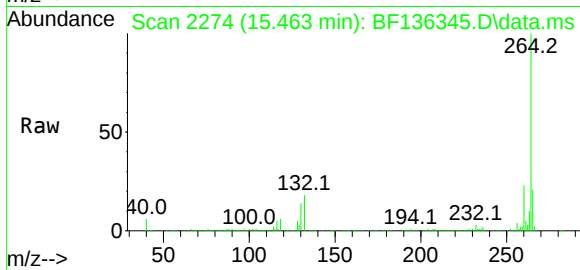
Acq: 01 Dec 2023 19:06

Instrument :

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ClientSampleId :

TWP12



Tgt Ion:264 Resp: 271303

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.3 15.7 23.5

