

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031824\  
 Data File : BF137638.D  
 Acq On : 18 Mar 2024 18:34  
 Operator : CG\JU  
 Sample : P1784-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-3

Quant Time: Mar 18 18:59:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 14:45:20 2024  
 Response via : Initial Calibration

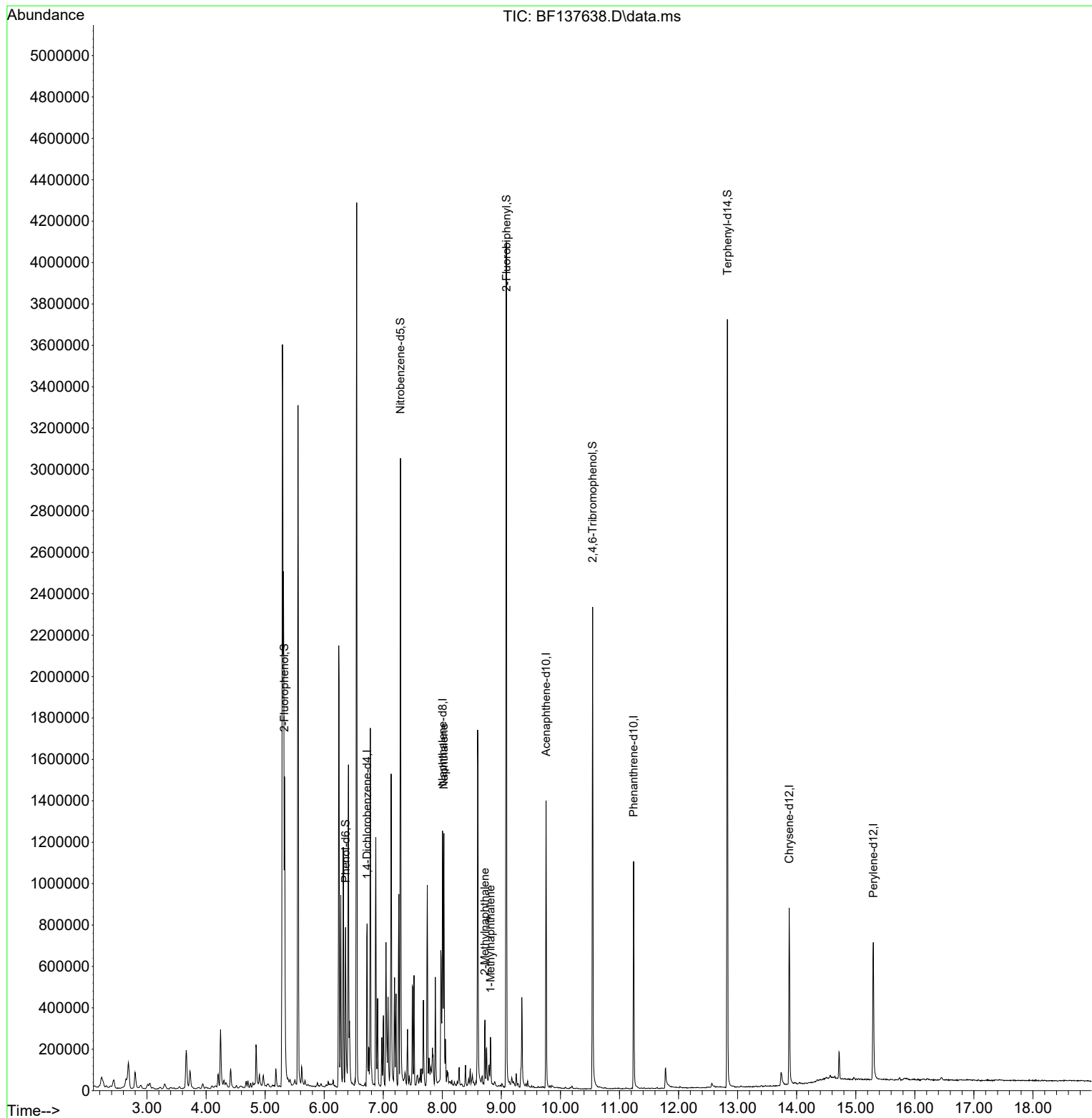
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.728  | 152  | 124092   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.004  | 136  | 477357   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.757  | 164  | 258969   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.239 | 188  | 396416   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.874 | 240  | 295273   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.298 | 264  | 308583   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.328  | 112  | 412043   | 50.290  | ng    | 0.00     |
| 7) Phenol-d6                | 6.363  | 99   | 324411   | 27.430  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.292  | 82   | 787304   | 76.633  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.545 | 330  | 260275   | 114.447 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.086  | 172  | 1342319  | 81.138  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.827 | 244  | 1265262  | 58.924  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 8.028  | 128  | 406540   | 15.873  | ng    | 100      |
| 37) 2-Methylnaphthalene     | 8.722  | 142  | 83357    | 5.105   | ng    | 99       |
| 38) 1-Methylnaphthalene     | 8.816  | 142  | 52690    | 3.427   | ng    | 99       |
| -----                       |        |      |          |         |       |          |

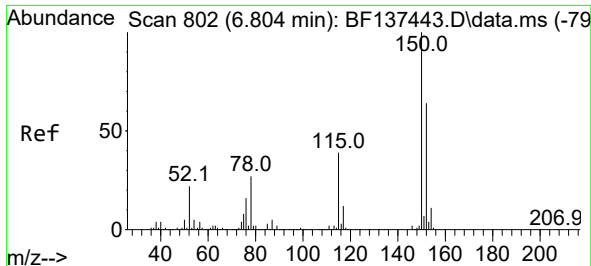
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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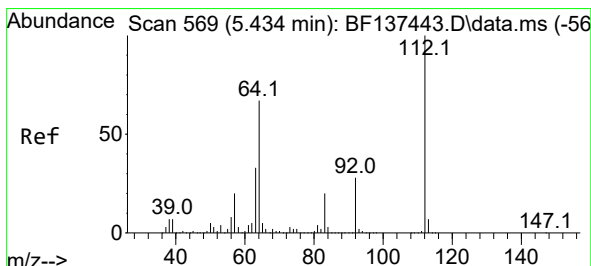
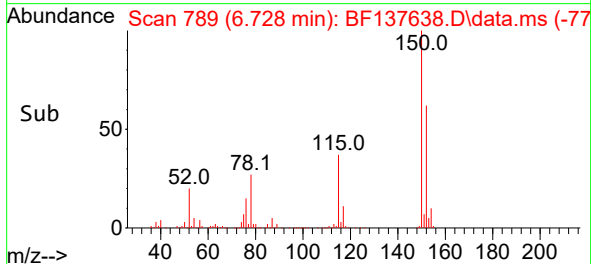
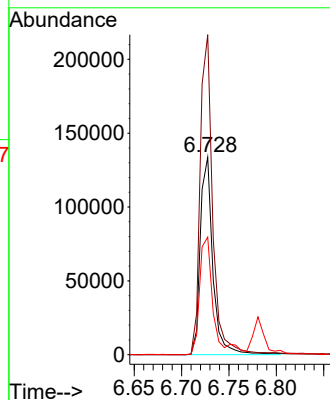
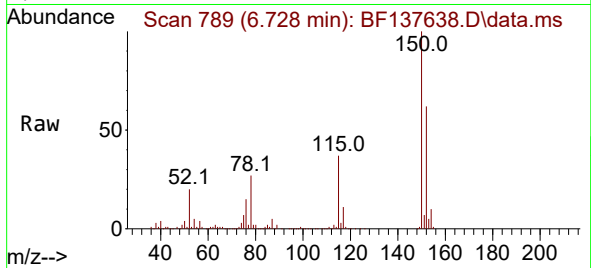




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.728 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF137638.D  
Acq: 18 Mar 2024 18:34

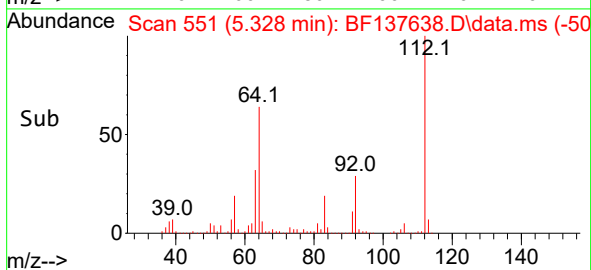
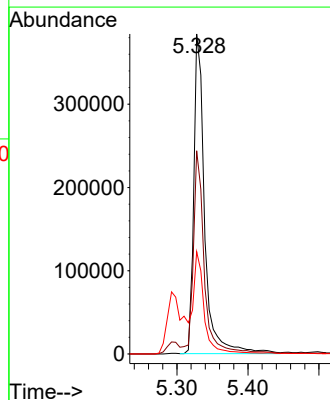
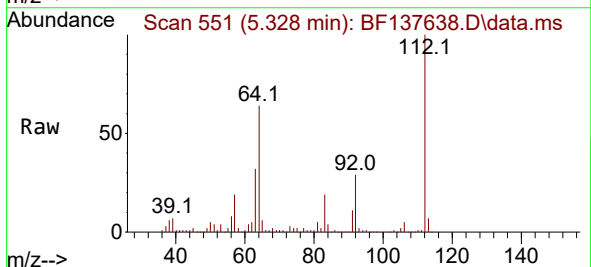
Instrument :  
BNA\_F  
ClientSampleId :  
MW-3

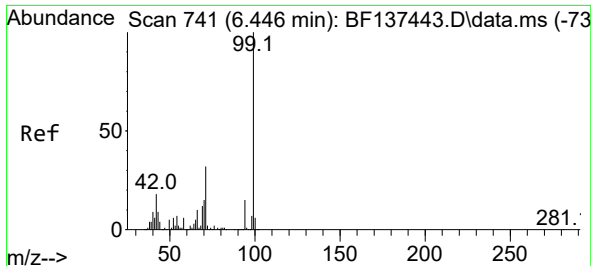
Tgt Ion:152 Resp: 124092  
Ion Ratio Lower Upper  
152 100  
150 162.0 125.8 188.6  
115 59.5 48.8 73.2



#5  
2-Fluorophenol  
Concen: 50.290 ng  
RT: 5.328 min Scan# 551  
Delta R.T. -0.006 min  
Lab File: BF137638.D  
Acq: 18 Mar 2024 18:34

Tgt Ion:112 Resp: 412043  
Ion Ratio Lower Upper  
112 100  
64 63.5 53.4 80.2  
63 31.9 26.2 39.2

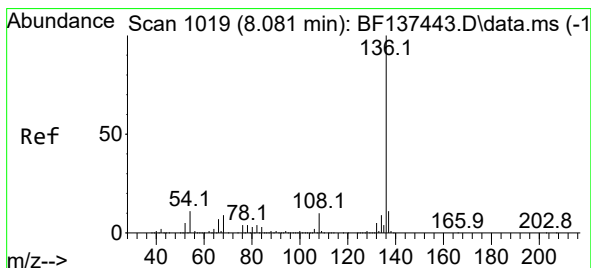
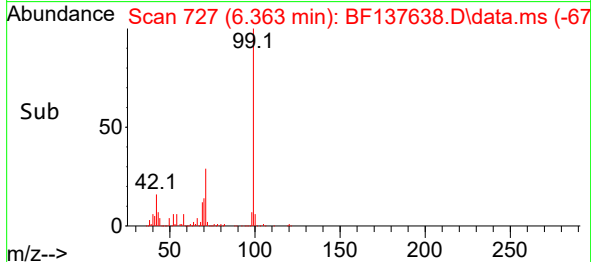
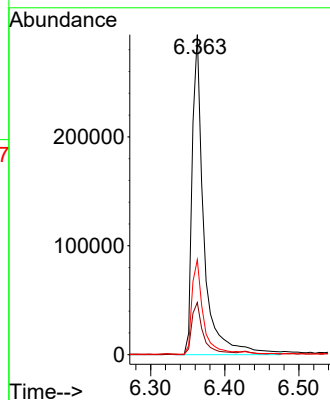
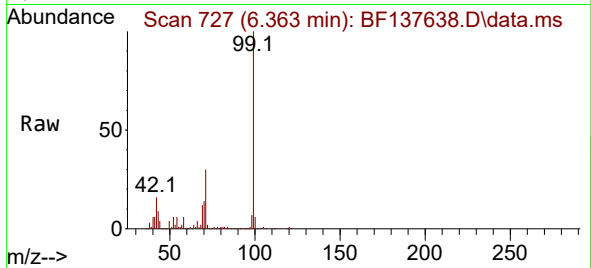




#7  
Phenol-d6  
Concen: 27.430 ng  
RT: 6.363 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137638.D  
Acq: 18 Mar 2024 18:34

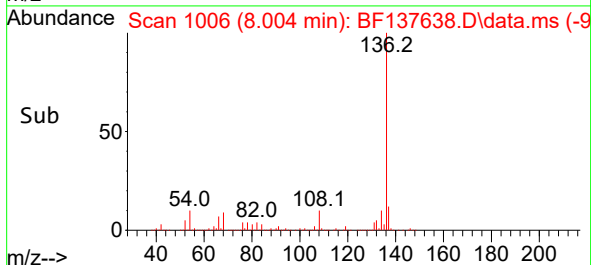
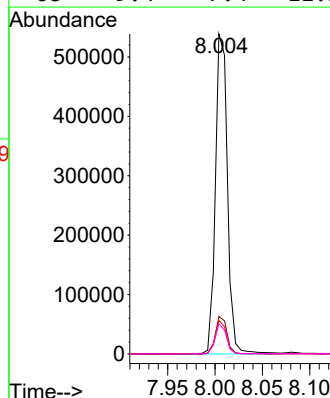
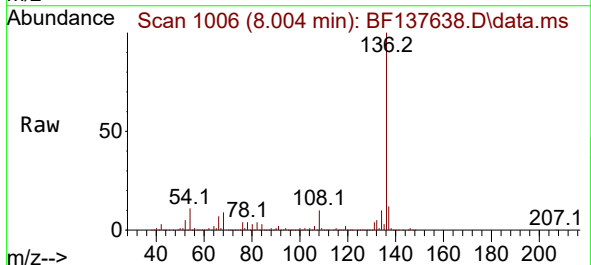
Instrument :  
BNA\_F  
ClientSampleId :  
MW-3

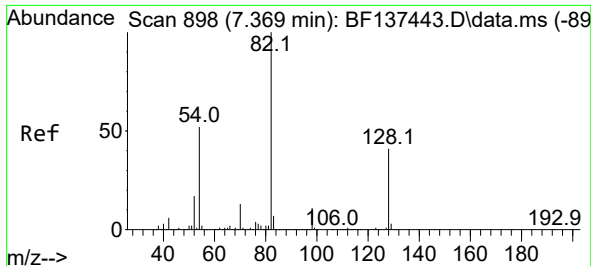
Tgt Ion: 99 Resp: 324411  
Ion Ratio Lower Upper  
99 100  
42 16.3 14.6 21.8  
71 29.6 25.3 37.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BF137638.D  
Acq: 18 Mar 2024 18:34

Tgt Ion: 136 Resp: 477357  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.1 13.7  
54 10.5 8.5 12.7  
68 9.4 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.633 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137638.D

Acq: 18 Mar 2024 18:34

Instrument :

BNA\_F

ClientSampleId :

MW-3

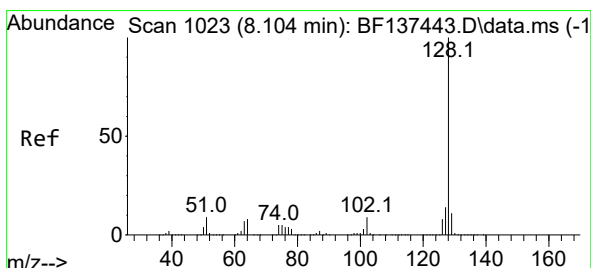
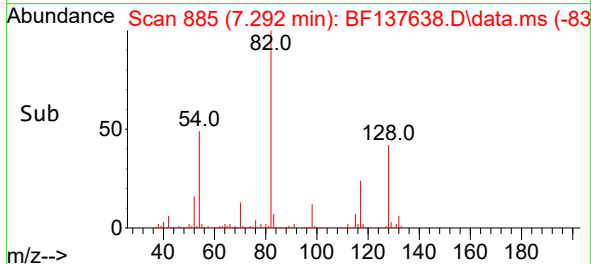
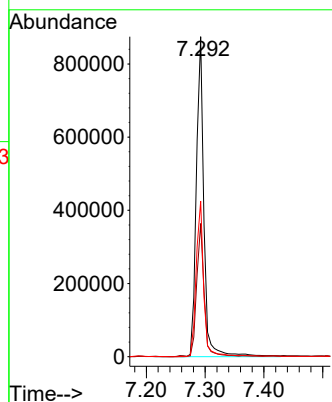
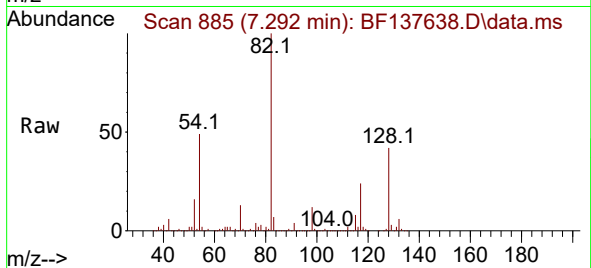
Tgt Ion: 82 Resp: 787304

Ion Ratio Lower Upper

82 100

128 41.6 32.5 48.7

54 48.6 41.5 62.3



#31

Naphthalene

Concen: 15.873 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BF137638.D

Acq: 18 Mar 2024 18:34

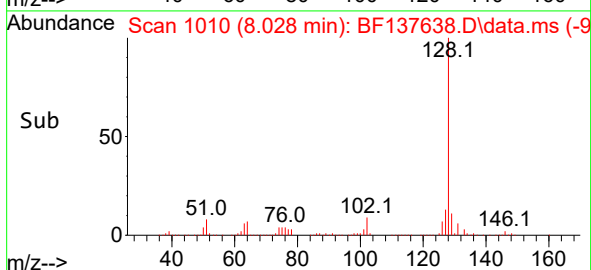
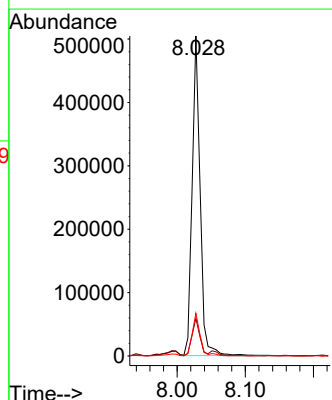
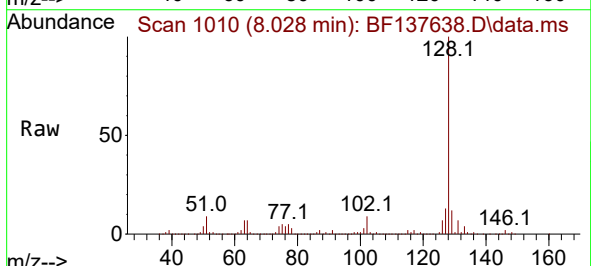
Tgt Ion: 128 Resp: 406540

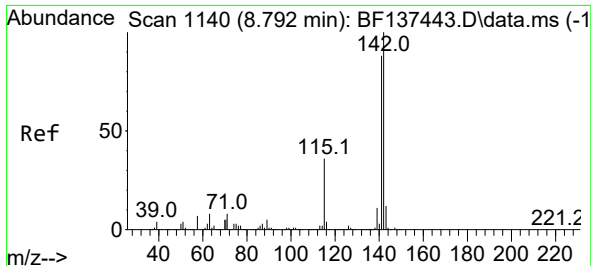
Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

127 13.3 10.8 16.2

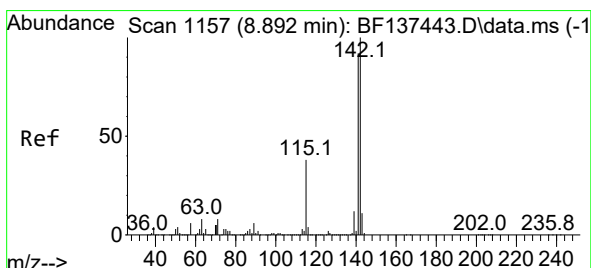
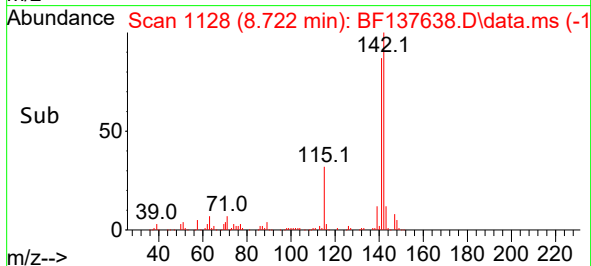
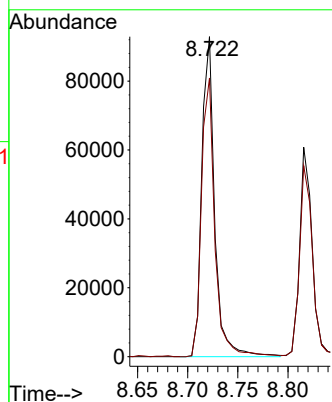
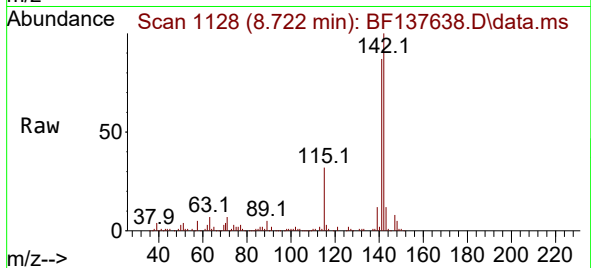




#37  
2-Methylnaphthalene  
Concen: 5.105 ng  
RT: 8.722 min Scan# 1140  
Delta R.T. -0.000 min  
Lab File: BF137638.D  
Acq: 18 Mar 2024 18:34

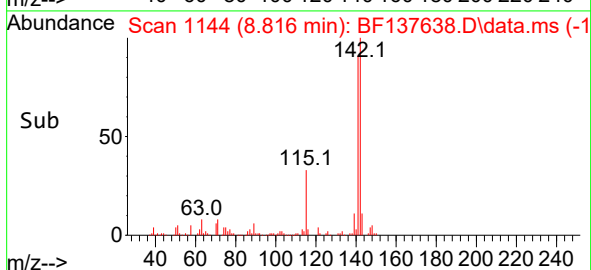
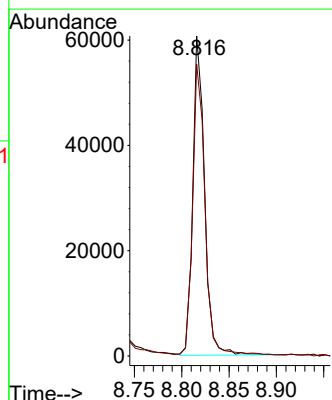
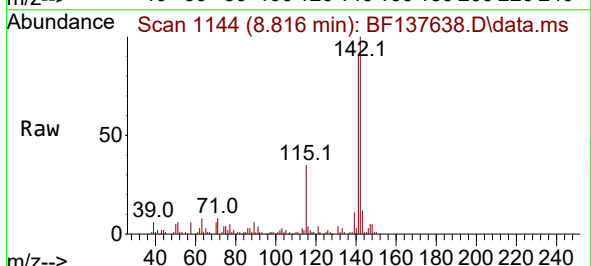
Instrument :  
BNA\_F  
ClientSampleId :  
MW-3

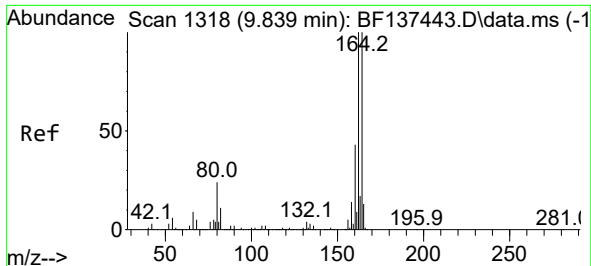
Tgt Ion:142 Resp: 83357  
Ion Ratio Lower Upper  
142 100  
141 87.1 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 3.427 ng  
RT: 8.816 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BF137638.D  
Acq: 18 Mar 2024 18:34

Tgt Ion:142 Resp: 52690  
Ion Ratio Lower Upper  
142 100  
141 91.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137638.D

Acq: 18 Mar 2024 18:34

Instrument :

BNA\_F

ClientSampleId :

MW-3

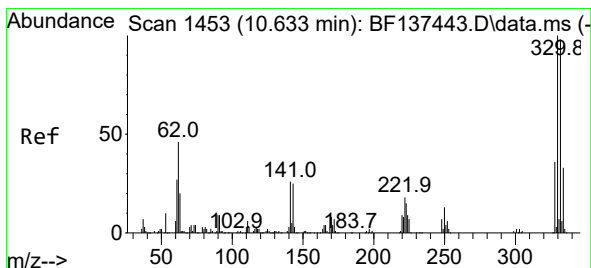
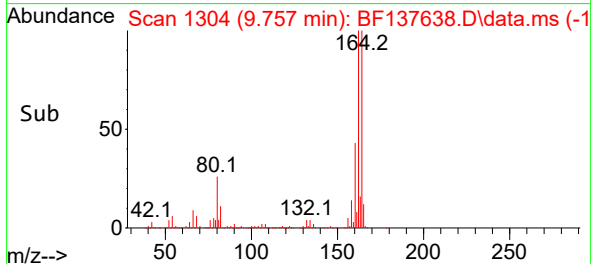
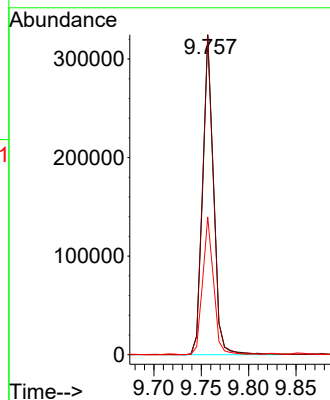
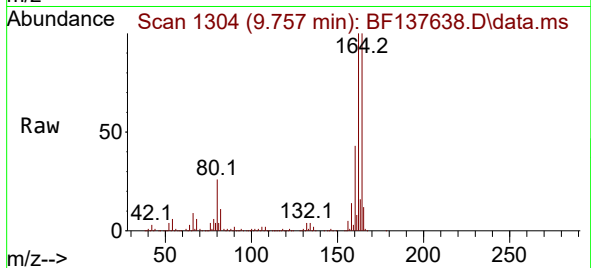
Tgt Ion:164 Resp: 258969

Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.8

160 43.1 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 114.447 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF137638.D

Acq: 18 Mar 2024 18:34

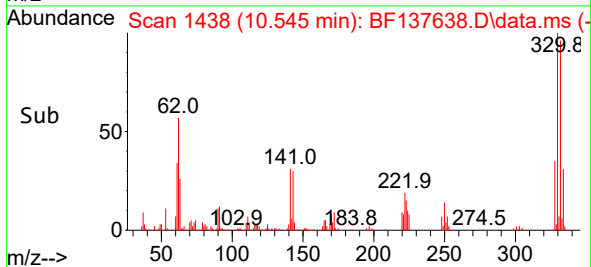
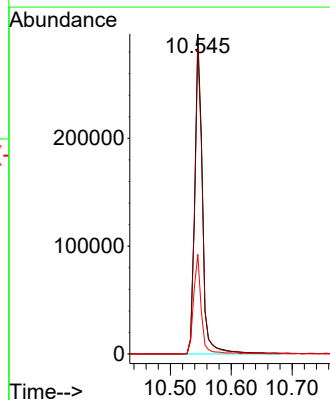
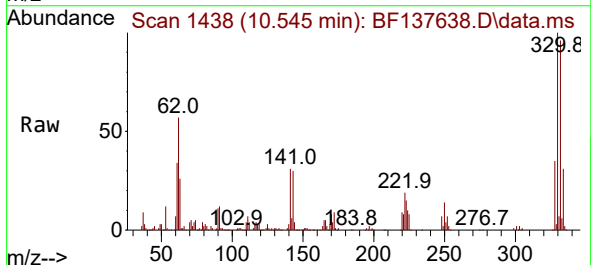
Tgt Ion:330 Resp: 260275

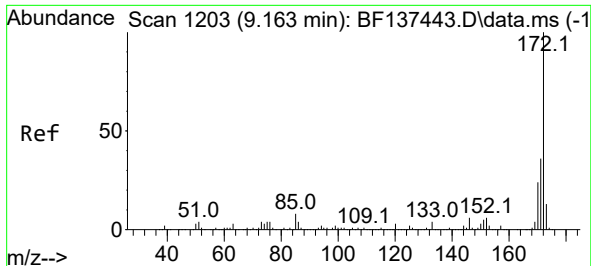
Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

141 31.6 27.3 40.9

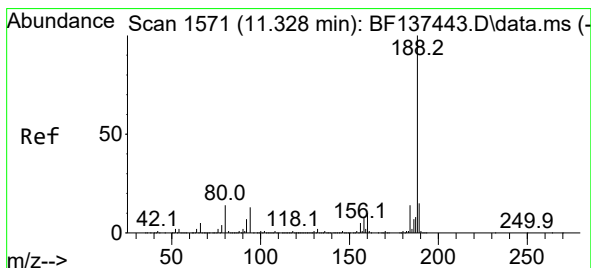
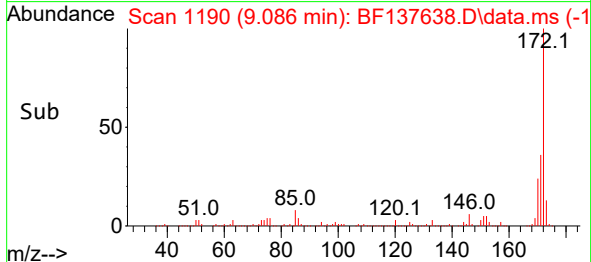
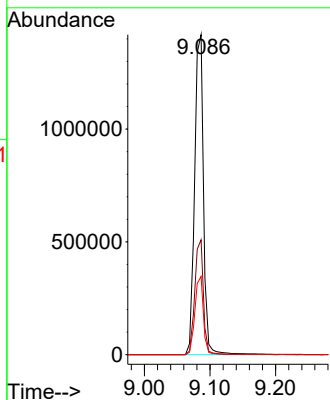
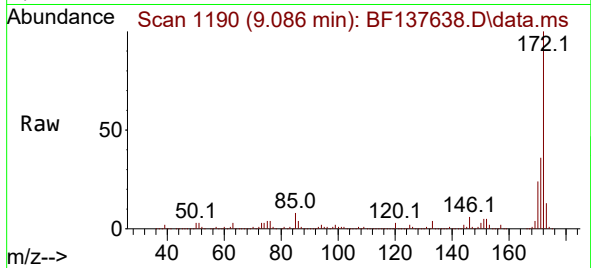




#45  
2-Fluorobiphenyl  
Concen: 81.138 ng  
RT: 9.086 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF137638.D  
Acq: 18 Mar 2024 18:34

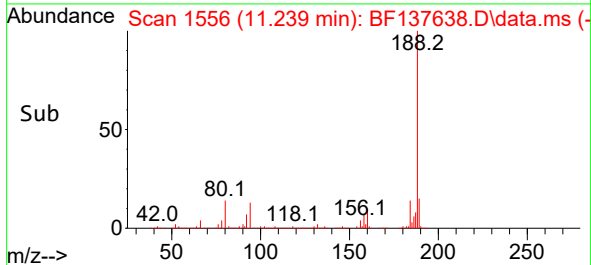
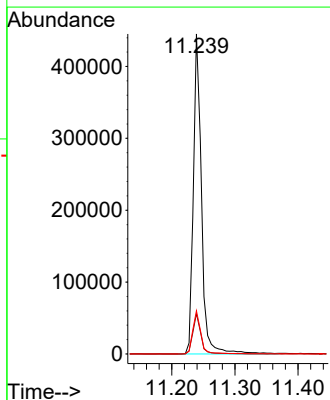
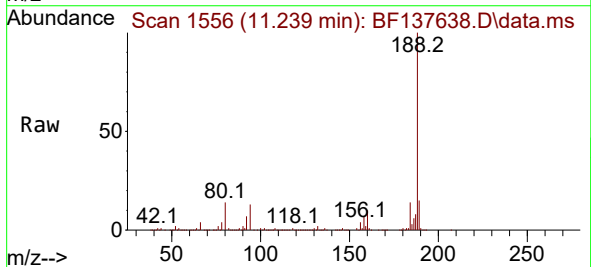
Instrument :  
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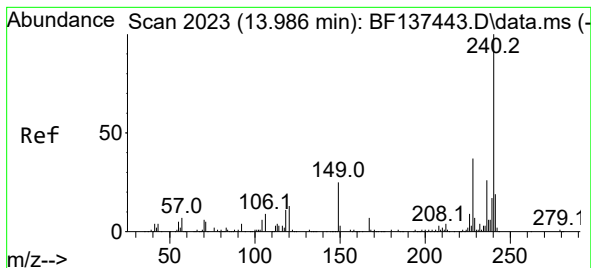
Tgt Ion:172 Resp: 1342319  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.5 42.7  
170 24.4 19.0 28.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.239 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: BF137638.D  
Acq: 18 Mar 2024 18:34

Tgt Ion:188 Resp: 396416  
Ion Ratio Lower Upper  
188 100  
94 12.6 10.6 15.8  
80 13.5 11.5 17.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF137638.D

Acq: 18 Mar 2024 18:34

Instrument :

BNA\_F

ClientSampleId :

MW-3

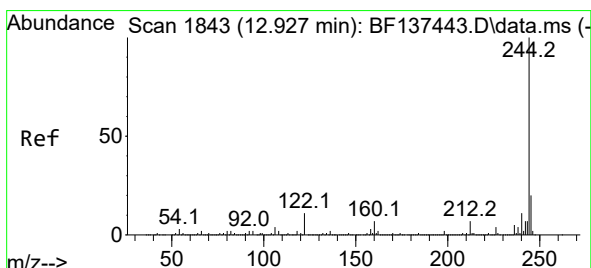
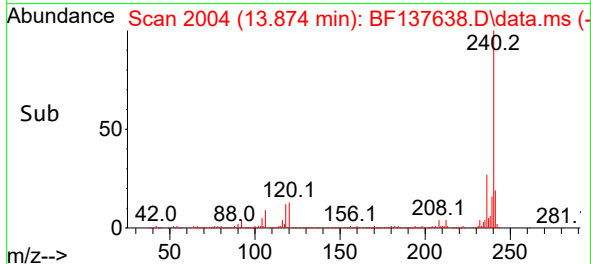
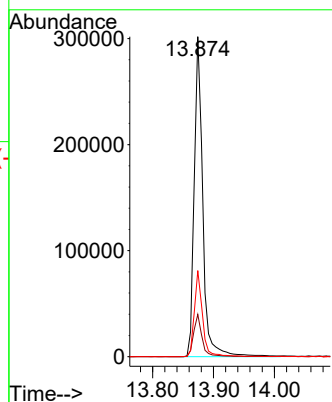
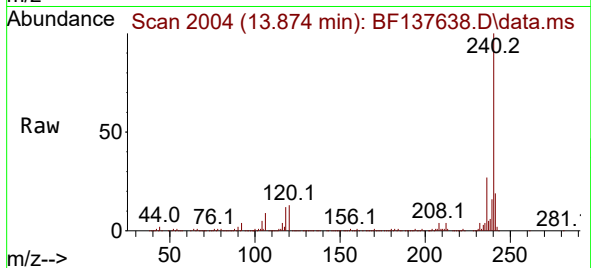
Tgt Ion:240 Resp: 295273

Ion Ratio Lower Upper

240 100

120 13.2 10.4 15.6

236 26.9 20.9 31.3



#79

Terphenyl-d14

Concen: 58.924 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF137638.D

Acq: 18 Mar 2024 18:34

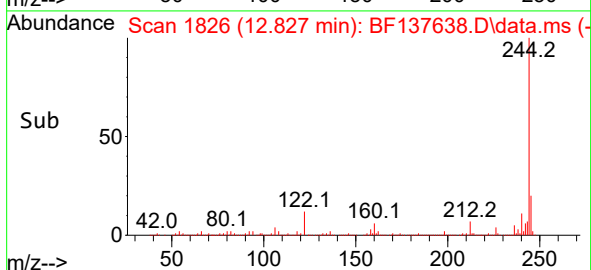
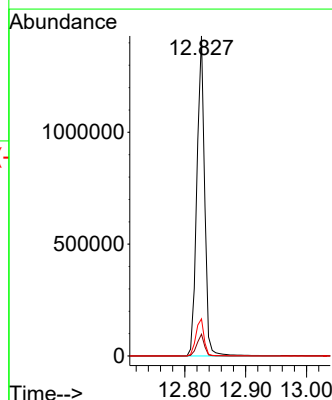
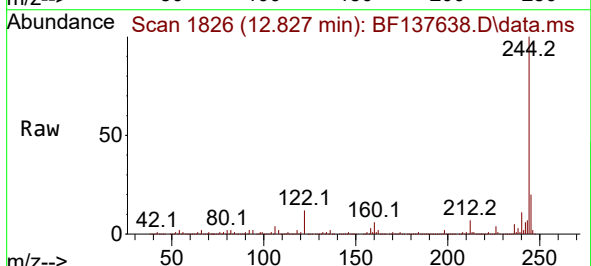
Tgt Ion:244 Resp: 1265262

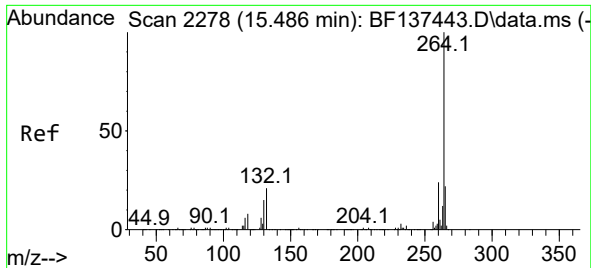
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.6 9.1 13.7





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.298 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF137638.D  
Acq: 18 Mar 2024 18:34

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:264 Resp: 308583  
Ion Ratio Lower Upper  
264 100  
260 23.5 19.3 28.9  
265 22.1 17.4 26.0

