

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101722\  
 Data File : BF130688.D  
 Acq On : 17 Oct 2022 15:55  
 Operator : CG\JU  
 Sample : N5145-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-6-101322

Quant Time: Oct 18 03:21:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 18 03:15:54 2022  
 Response via : Initial Calibration

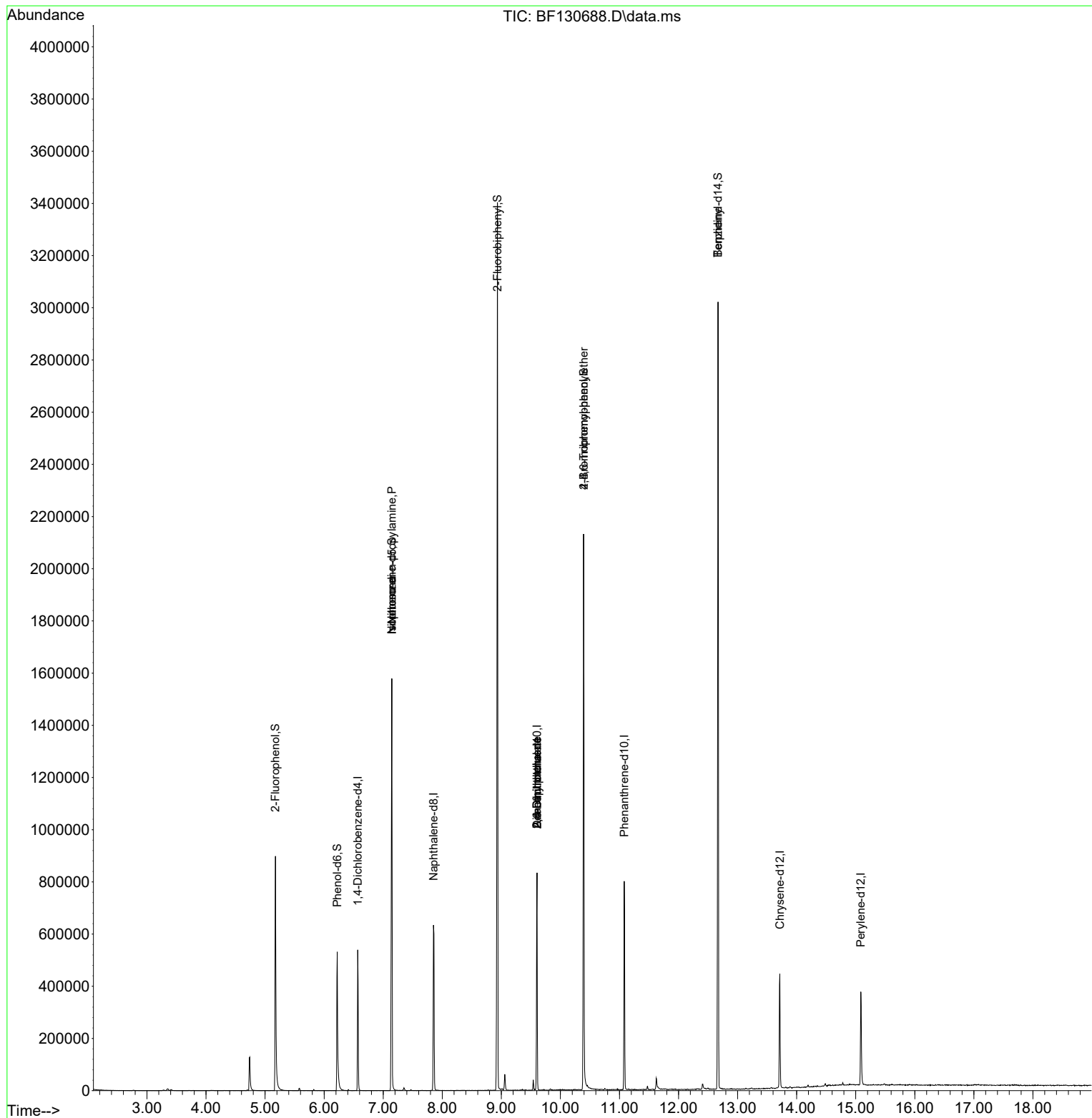
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.569  | 152  | 79564    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.851  | 136  | 313636   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.604  | 164  | 164981   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.081 | 188  | 283791   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.716 | 240  | 155968   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.086 | 264  | 144943   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.175  | 112  | 280098   | 63.457  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.222  | 99   | 206428   | 37.197  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.146  | 82   | 536627   | 93.404  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.392 | 330  | 272749   | 168.955 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 8.934  | 172  | 1058064  | 97.144  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.669 | 244  | 1054709  | 112.237 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.146  | 70   | 72586    | 20.273  | ng    | # 77     |
| 25) Isophorone                | 7.146  | 82   | 536621   | 56.120  | ng    | # 64     |
| 50) Dimethylphthalate         | 9.604  | 163  | 31199    | 2.732   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.604  | 165  | 20747    | 8.282   | ng    | # 24     |
| 57) 2,4-Dinitrotoluene        | 9.604  | 165  | 20747    | 6.444   | ng    | # 14     |
| 67) 4-Bromophenyl-phenylether | 10.392 | 248  | 16252    | 5.061   | ng    | # 1      |
| 77) Benzidine                 | 12.669 | 184  | 14884    | 3.775   | ng    | # 94     |
| -----                         |        |      |          |         |       |          |

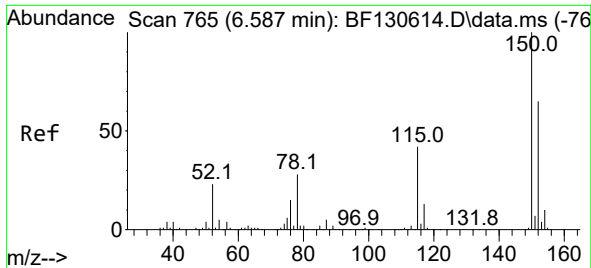
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101722\  
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Quant Time: Oct 18 03:21:38 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 18 03:15:54 2022  
Response via : Initial Calibration

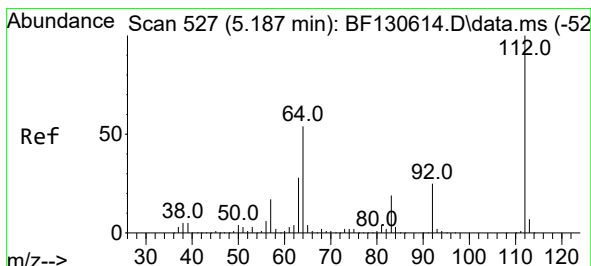
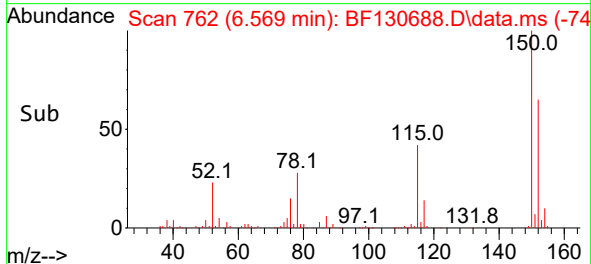
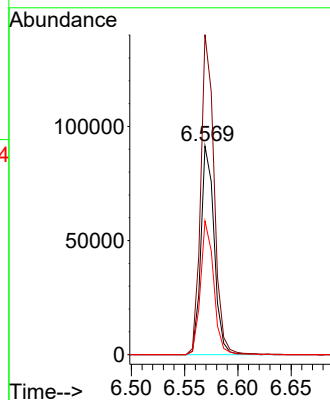
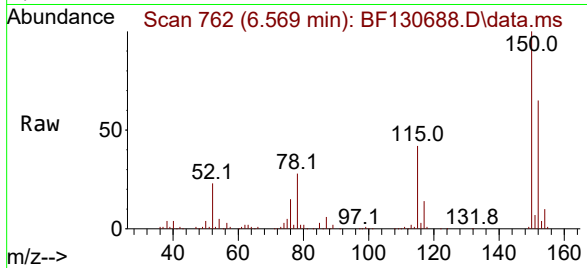




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.569 min Scan# 765  
Delta R.T. -0.006 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

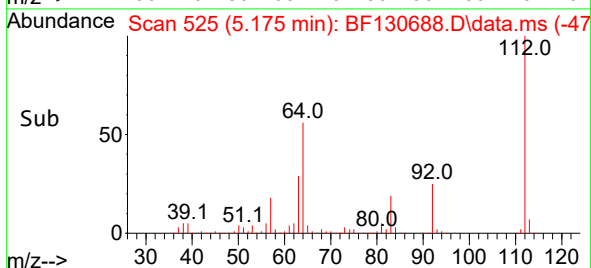
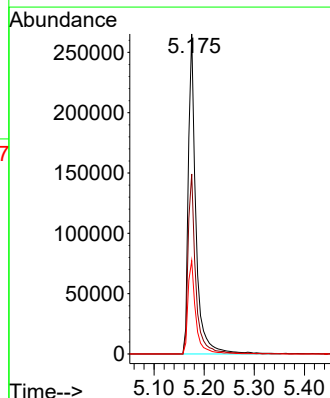
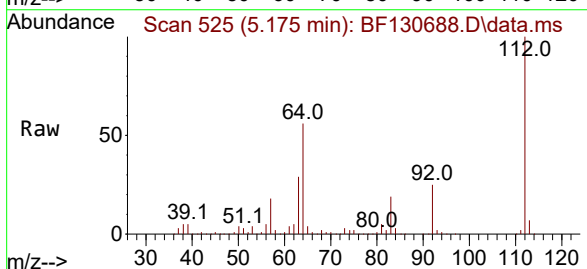
Instrument :  
BNA\_F  
ClientSampleId :  
MW-6-101322

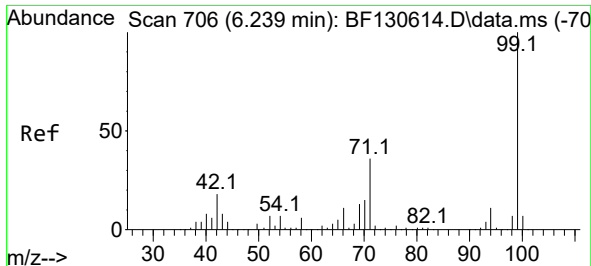
Tgt Ion:152 Resp: 79564  
Ion Ratio Lower Upper  
152 100  
150 153.5 123.8 185.6  
115 64.1 52.2 78.4



#5  
2-Fluorophenol  
Concen: 63.457 ng  
RT: 5.175 min Scan# 525  
Delta R.T. 0.006 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

Tgt Ion:112 Resp: 280098  
Ion Ratio Lower Upper  
112 100  
64 56.2 43.5 65.3  
63 29.2 22.6 34.0

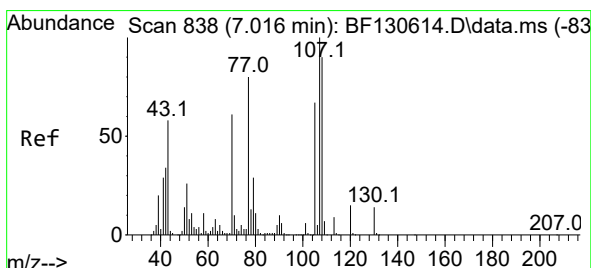
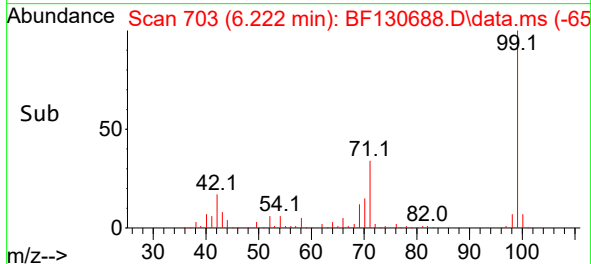
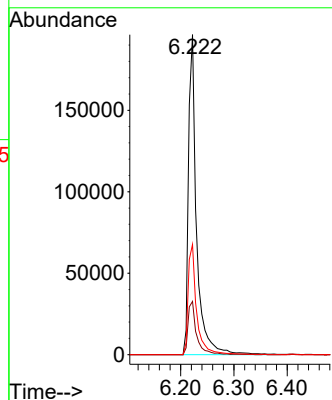
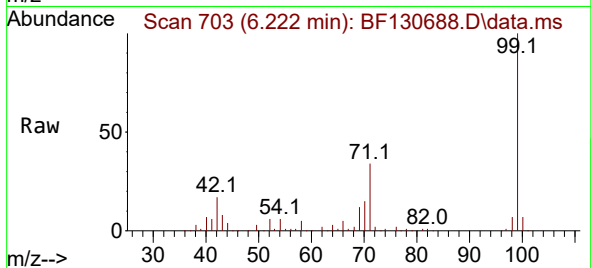




#7  
Phenol-d6  
Concen: 37.197 ng  
RT: 6.222 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

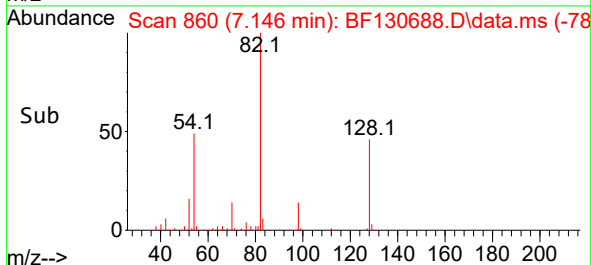
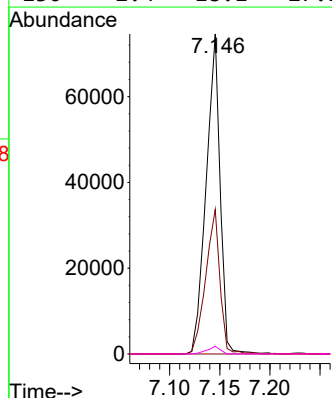
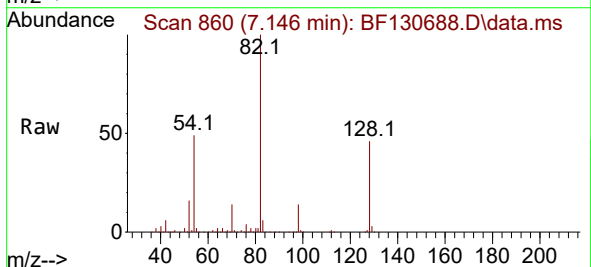
Instrument :  
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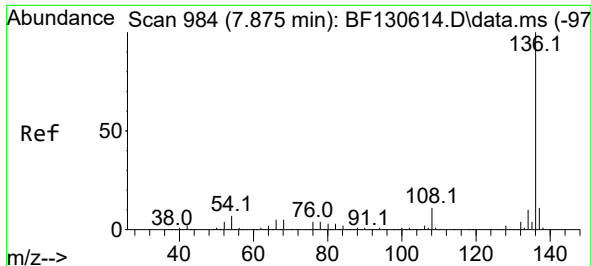
Tgt Ion: 99 Resp: 206428  
Ion Ratio Lower Upper  
99 100  
42 16.6 14.0 21.0  
71 34.4 28.8 43.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.273 ng  
RT: 7.146 min Scan# 860  
Delta R.T. 0.141 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

Tgt Ion: 70 Resp: 72586  
Ion Ratio Lower Upper  
70 100  
42 45.2 44.3 66.5  
101 0.0 7.9 11.9#  
130 2.4 18.1 27.1#

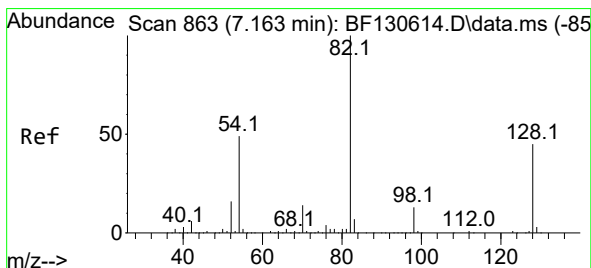
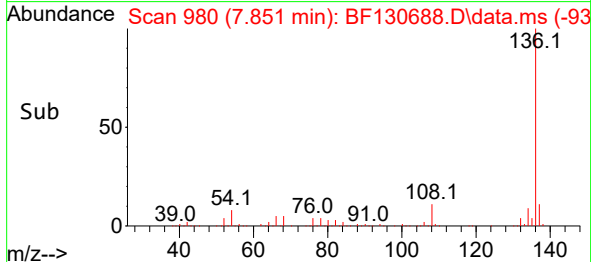
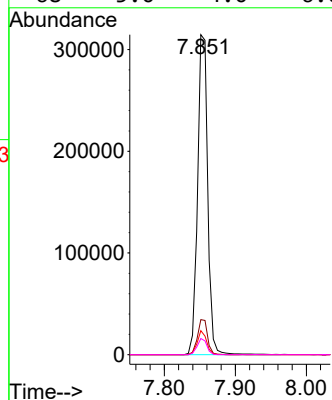
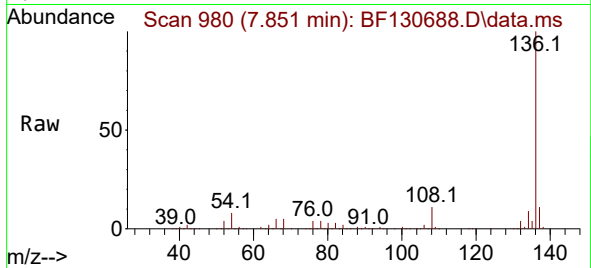




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.851 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

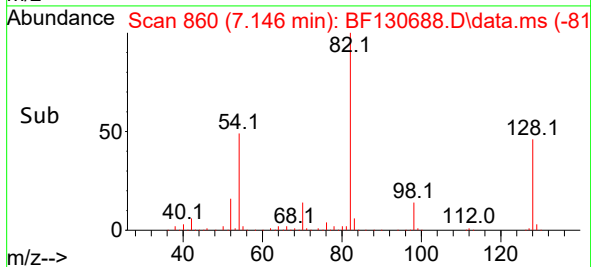
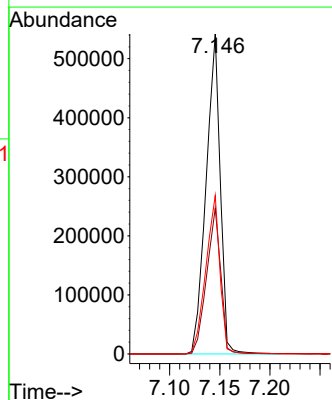
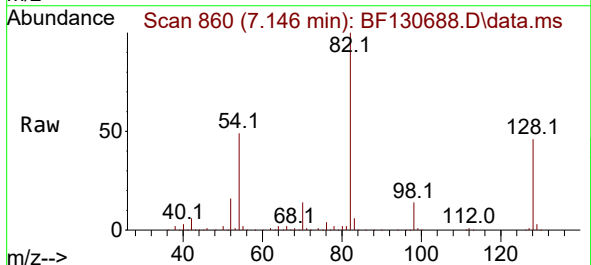
Instrument :  
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ClientSampleId :  
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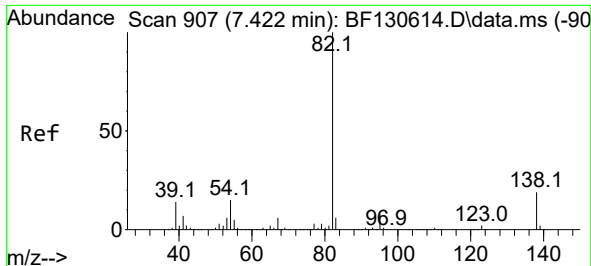
Tgt Ion:136 Resp: 313636  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.4 12.6  
54 7.5 5.5 8.3  
68 5.0 4.0 6.0



#23  
Nitrobenzene-d5  
Concen: 93.404 ng  
RT: 7.146 min Scan# 860  
Delta R.T. -0.006 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

Tgt Ion: 82 Resp: 536627  
Ion Ratio Lower Upper  
82 100  
128 45.6 35.8 53.6  
54 49.5 39.3 58.9

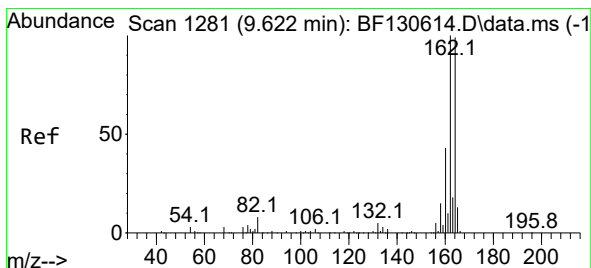
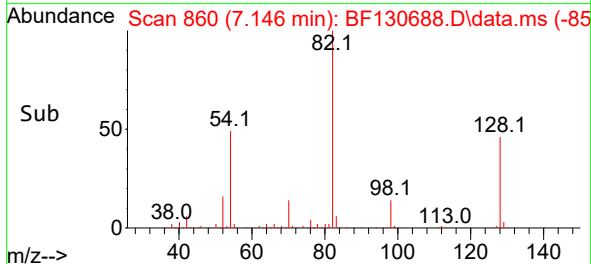
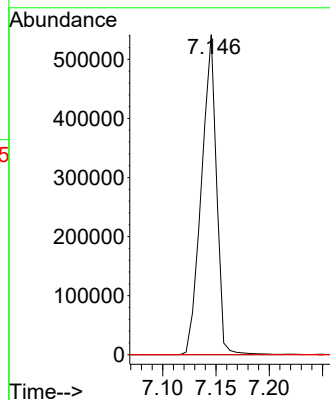
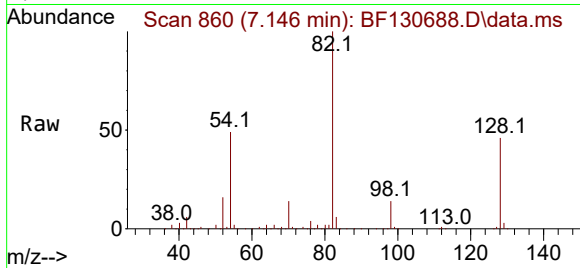




#25  
Isophorone  
Concen: 56.120 ng  
RT: 7.146 min Scan# 80  
Delta R.T. -0.265 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

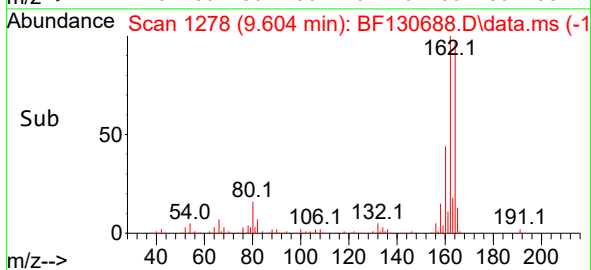
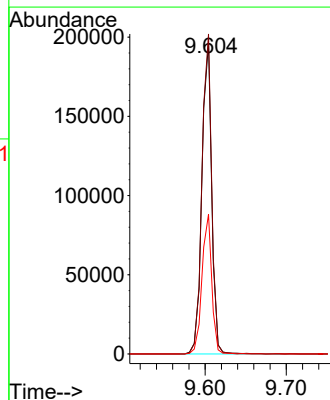
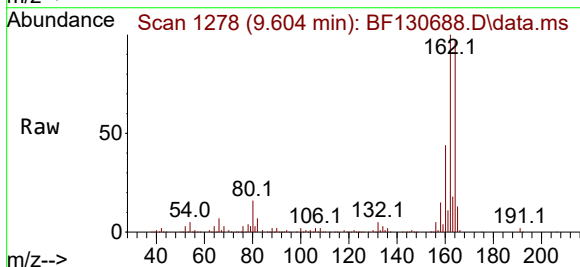
Instrument :  
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MW-6-101322

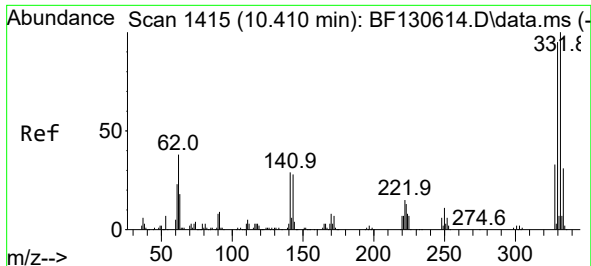
Tgt Ion: 82 Resp: 536621  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.1 9.1#  
138 0.0 14.9 22.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.604 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

Tgt Ion:164 Resp: 164981  
Ion Ratio Lower Upper  
164 100  
162 102.9 81.0 121.4  
160 44.9 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 168.955 ng

RT: 10.392 min Scan# 1412

Delta R.T. -0.006 min

Lab File: BF130688.D

Acq: 17 Oct 2022 15:55

Instrument :

BNA\_F

ClientSampleId :

MW-6-101322

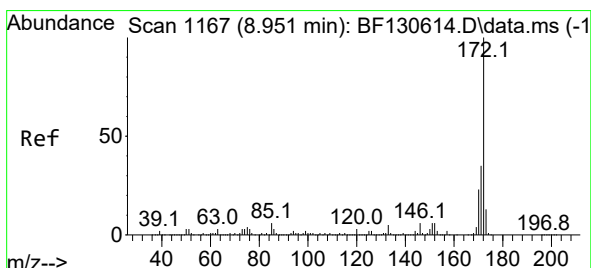
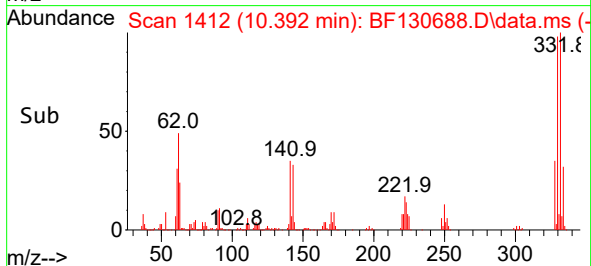
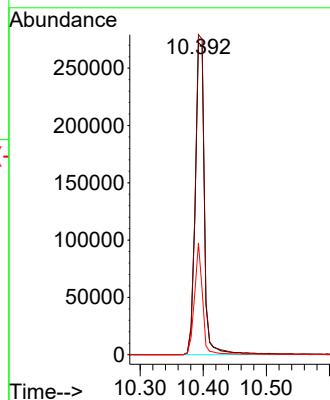
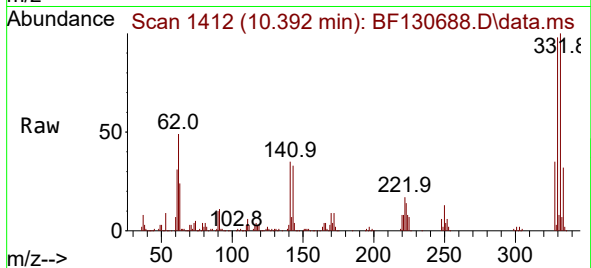
Tgt Ion:330 Resp: 272749

Ion Ratio Lower Upper

330 100

332 104.1 84.2 126.4

141 31.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 97.144 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130688.D

Acq: 17 Oct 2022 15:55

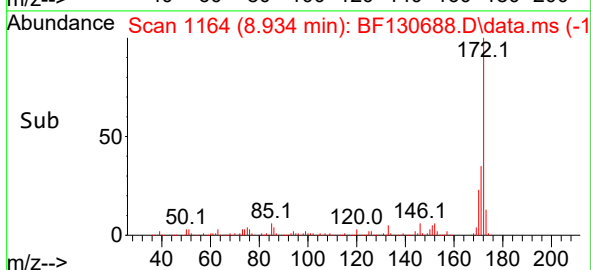
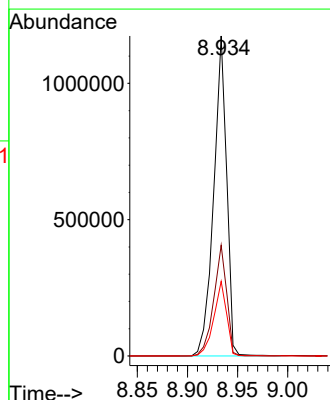
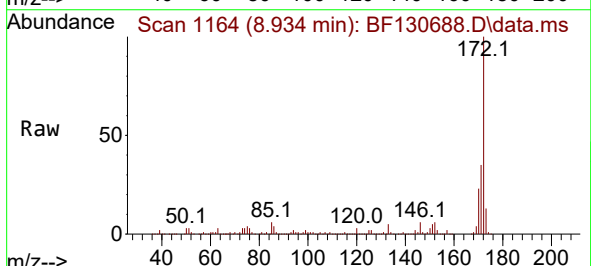
Tgt Ion:172 Resp: 1058064

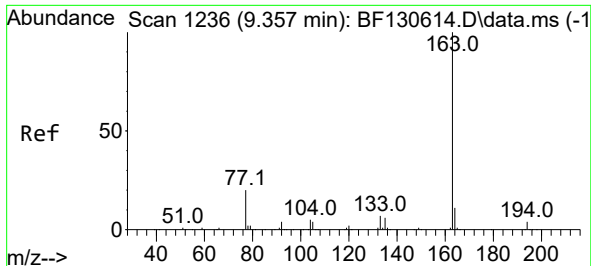
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.8

170 23.3 18.6 27.8

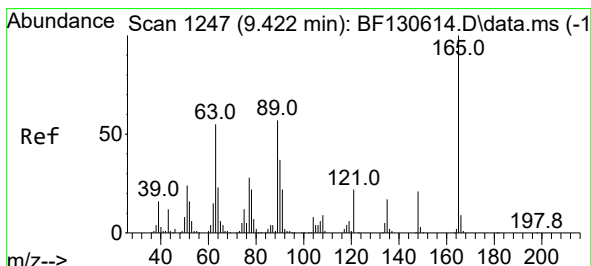
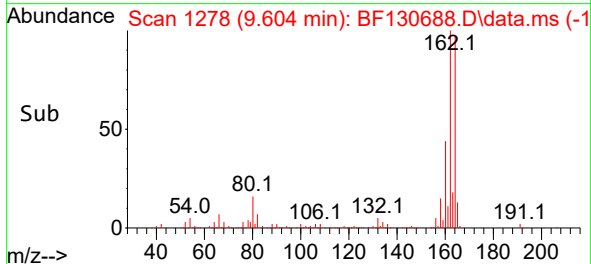
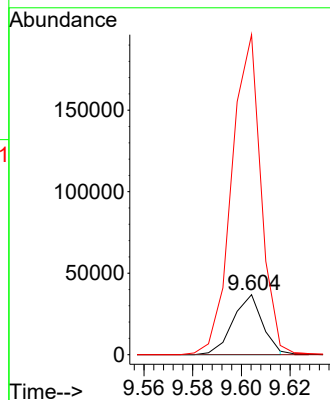
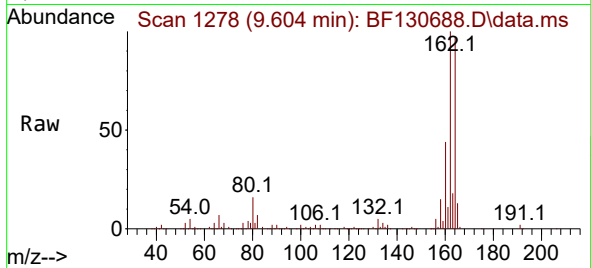




#50  
Dimethylphthalate  
Concen: 2.732 ng  
RT: 9.604 min Scan# 1278  
Delta R.T. 0.259 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

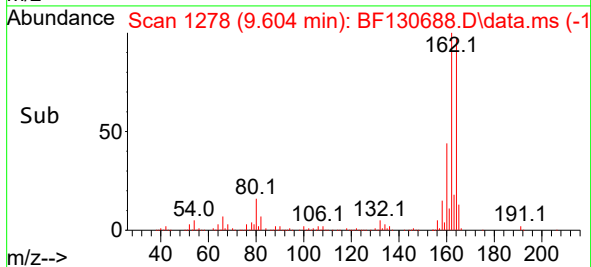
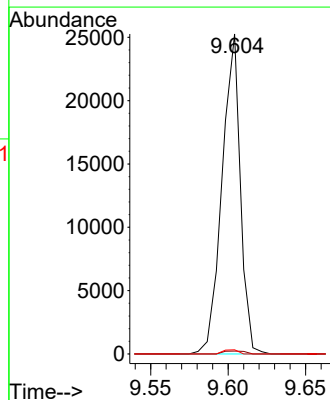
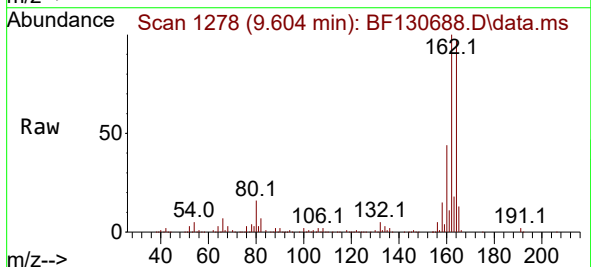
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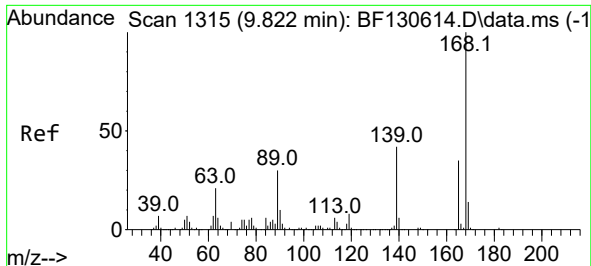
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Ion Ratio Lower Upper  
163 100  
194 0.0 3.0 4.6#  
164 533.7 8.5 12.7#



#51  
2,6-Dinitrotoluene  
Concen: 8.282 ng  
RT: 9.604 min Scan# 1278  
Delta R.T. 0.194 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

Tgt Ion:165 Resp: 20747  
Ion Ratio Lower Upper  
165 100  
63 0.9 45.3 67.9#  
89 1.3 45.6 68.4#

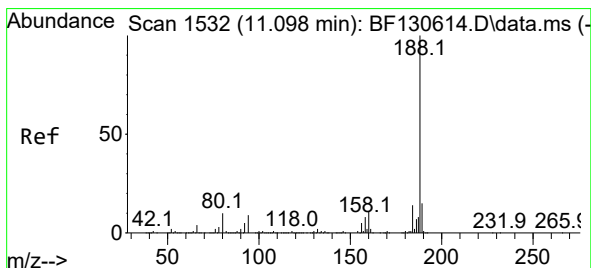
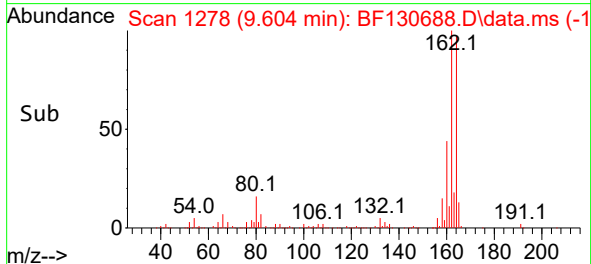
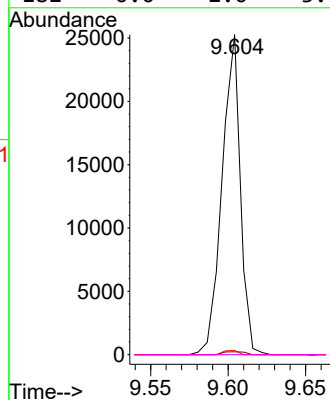
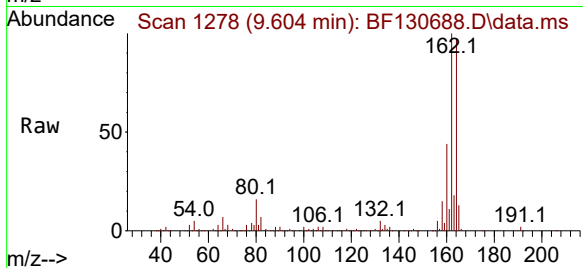




#57  
2,4-Dinitrotoluene  
Concen: 6.444 ng  
RT: 9.604 min Scan# 11  
Delta R.T. -0.212 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

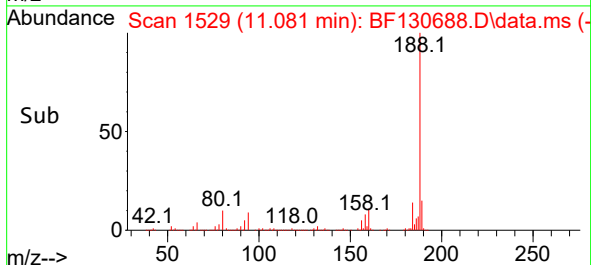
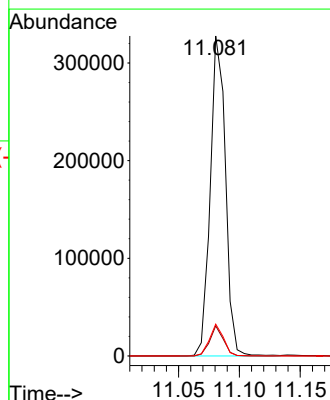
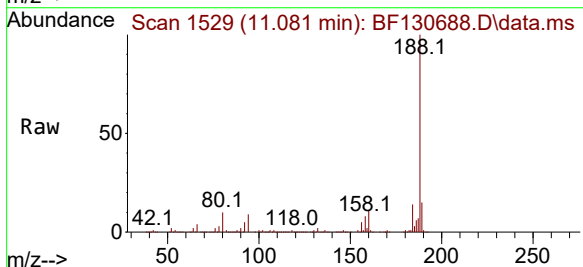
Instrument :  
BNA\_F  
ClientSampleId :  
MW-6-101322

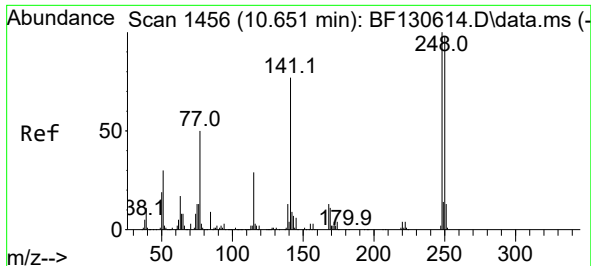
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Ion Ratio Lower Upper  
165 100  
63 0.9 50.6 76.0#  
89 1.3 68.6 102.8#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.081 min Scan# 1529  
Delta R.T. -0.006 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

Tgt Ion:188 Resp: 283791  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.4 11.2  
80 9.9 8.0 12.0

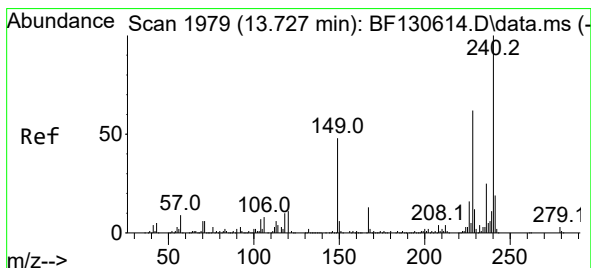
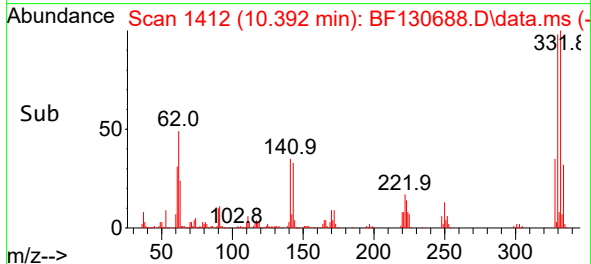
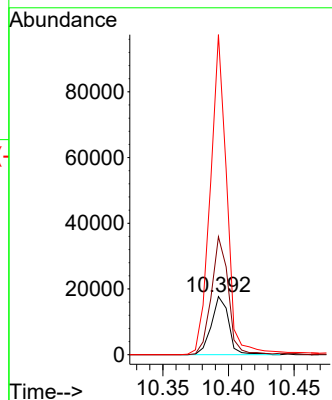
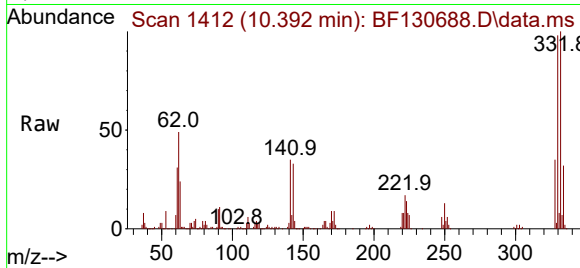




#67  
4-Bromophenyl-phenylether  
Concen: 5.061 ng  
RT: 10.392 min Scan# 1456  
Delta R.T. -0.247 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

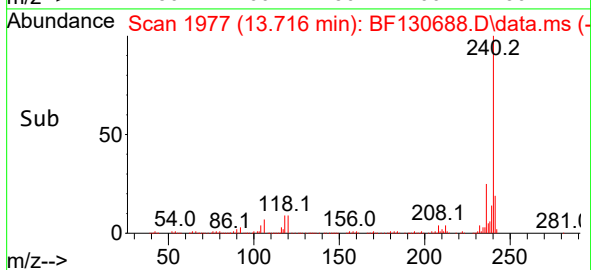
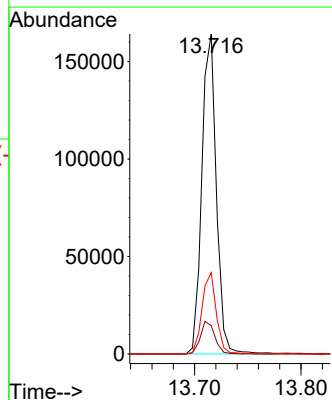
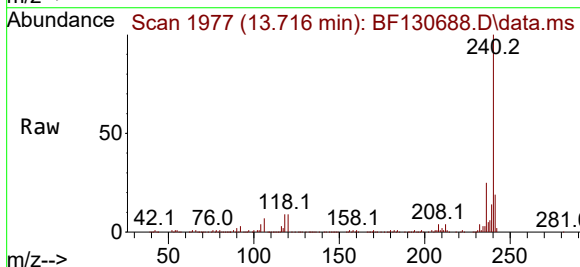
Instrument :  
BNA\_F  
ClientSampleId :  
MW-6-101322

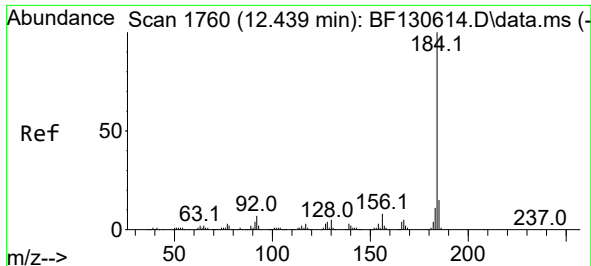
Tgt Ion:248 Resp: 16252  
Ion Ratio Lower Upper  
248 100  
250 203.1 78.7 118.1#  
141 551.2 61.6 92.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.716 min Scan# 1977  
Delta R.T. -0.006 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

Tgt Ion:240 Resp: 155968  
Ion Ratio Lower Upper  
240 100  
120 8.9 8.6 13.0  
236 25.4 20.2 30.4

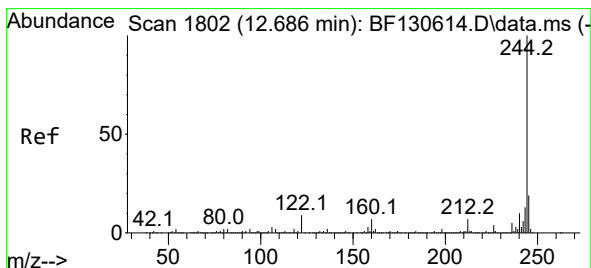
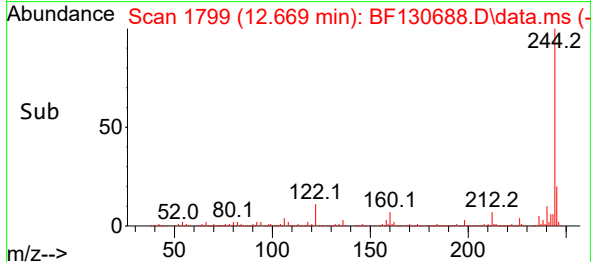
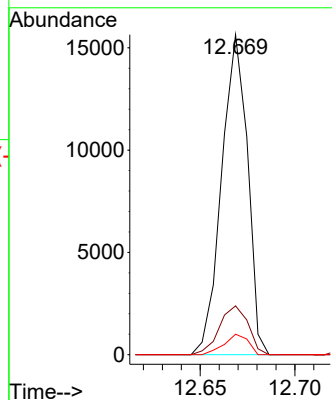
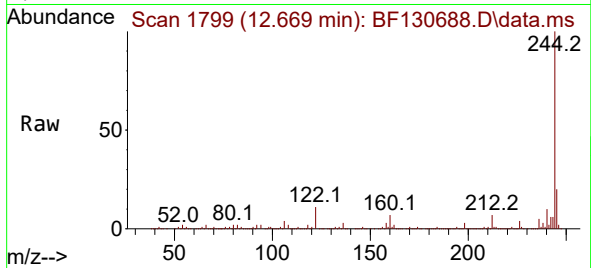




#77  
Benzidine  
Concen: 3.775 ng  
RT: 12.669 min Scan# 1799  
Delta R.T. 0.241 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

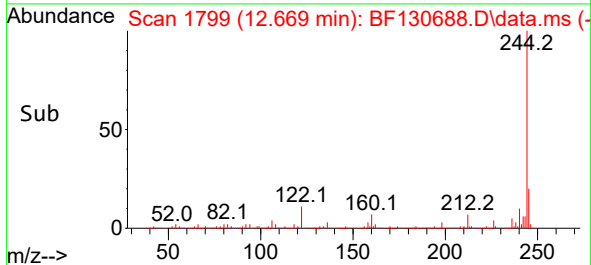
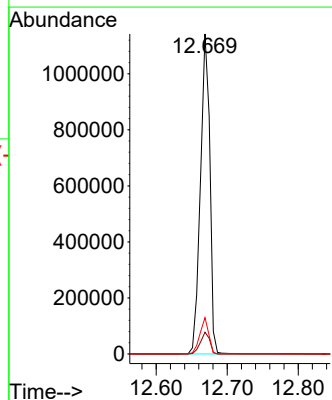
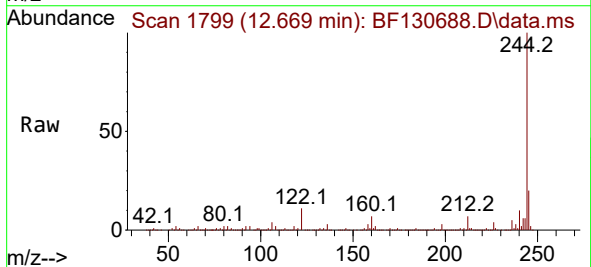
Instrument :  
BNA\_F  
ClientSampleId :  
MW-6-101322

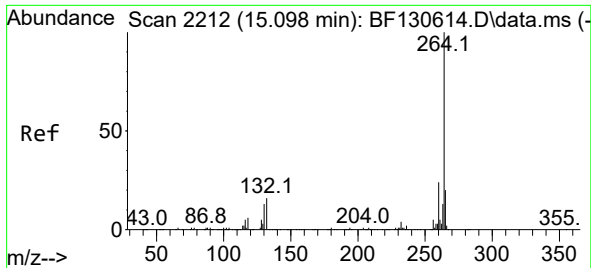
Tgt Ion:184 Resp: 14884  
Ion Ratio Lower Upper  
184 100  
185 15.2 12.0 18.0  
183 6.4 9.0 13.4#



#79  
Terphenyl-d14  
Concen: 112.237 ng  
RT: 12.669 min Scan# 1799  
Delta R.T. -0.006 min  
Lab File: BF130688.D  
Acq: 17 Oct 2022 15:55

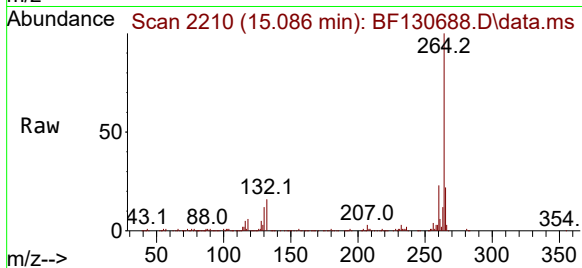
Tgt Ion:244 Resp: 1054709  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.4 8.0  
122 11.4 7.5 11.3#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.086 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF130688.D  
 Acq: 17 Oct 2022 15:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-6-101322



Tgt Ion:264 Resp: 144943  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 19.1 28.7  
 265 21.8 16.4 24.6

