

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092922\  
 Data File : BF130466.D  
 Acq On : 29 Sep 2022 14:40  
 Operator : CG\JU  
 Sample : N4860-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-01

Quant Time: Sep 30 03:07:50 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:59:31 2022  
 Response via : Initial Calibration

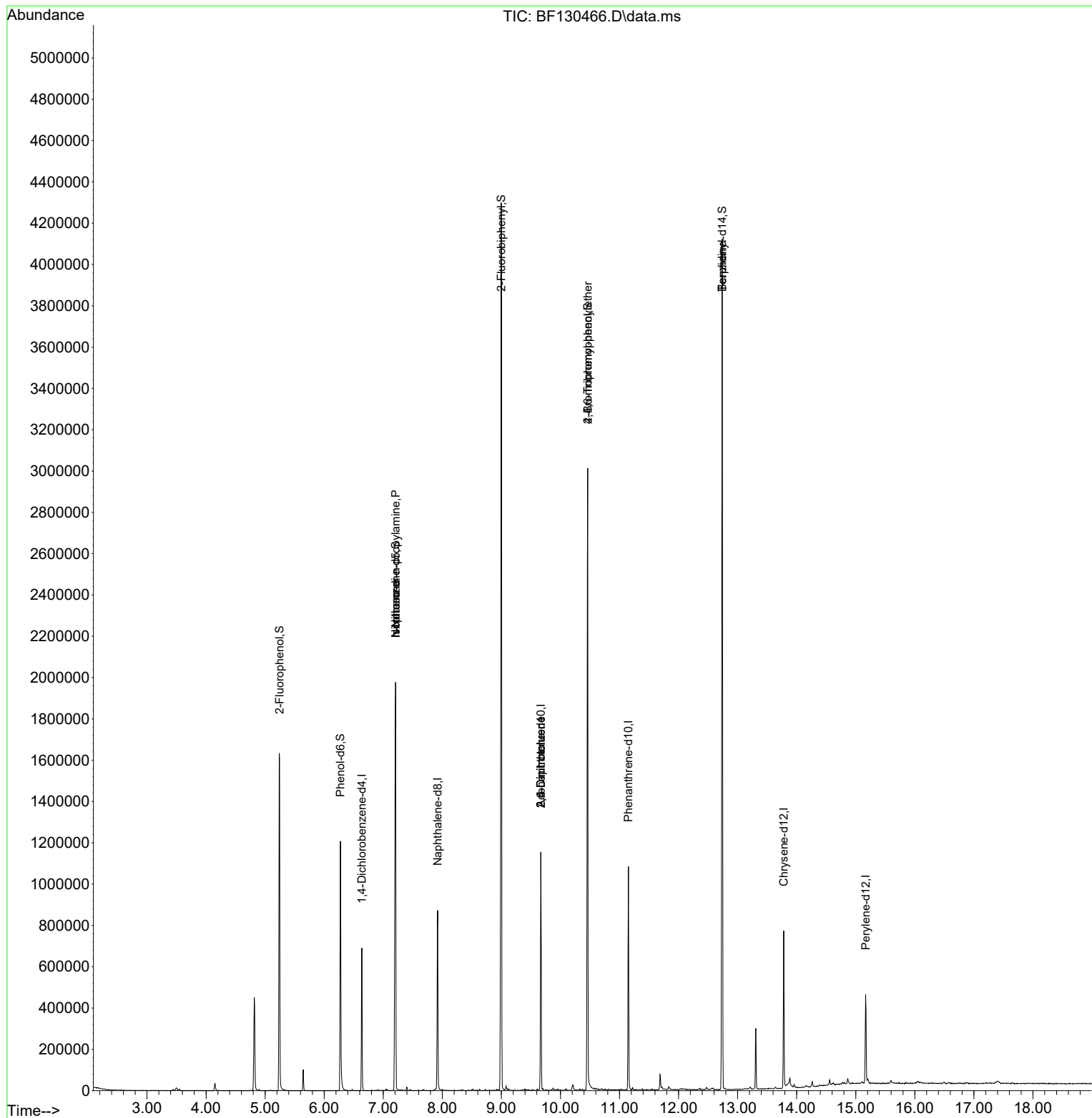
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.639  | 152  | 106896   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.922  | 136  | 414799   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.669  | 164  | 218202   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.151 | 188  | 366668   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.780 | 240  | 226299   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.168 | 264  | 175714   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.245  | 112  | 489984   | 79.503  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.275  | 99   | 390970   | 50.700  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.210  | 82   | 747639   | 92.083  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.463 | 330  | 380561   | 182.018 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 8.998  | 172  | 1470720  | 98.150  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.739 | 244  | 1423949  | 104.232 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 102194   | 19.639  | ng    | # 71     |
| 25) Isophorone                | 7.210  | 82   | 743200   | 56.792  | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.669  | 165  | 27700    | 8.787   | ng    | # 15     |
| 57) 2,4-Dinitrotoluene        | 9.669  | 165  | 27700    | 6.876   | ng    | # 15     |
| 67) 4-Bromophenyl-phenylether | 10.463 | 248  | 22812    | 5.640   | ng    | # 1      |
| 77) Benzidine                 | 12.739 | 184  | 19533    | 2.973   | ng    | # 94     |
| -----                         |        |      |          |         |       |          |

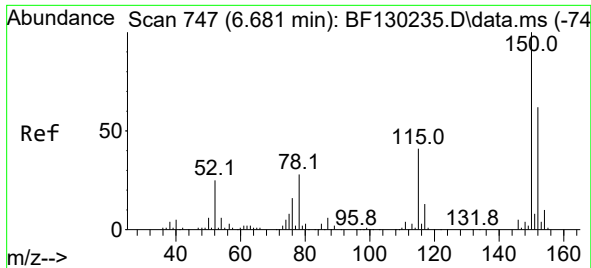
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092922\  
Data File : BF130466.D  
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Sample : N4860-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-01

Quant Time: Sep 30 03:07:50 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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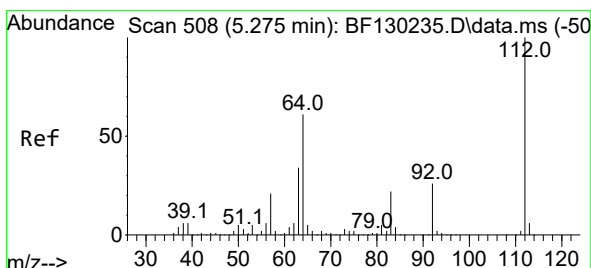
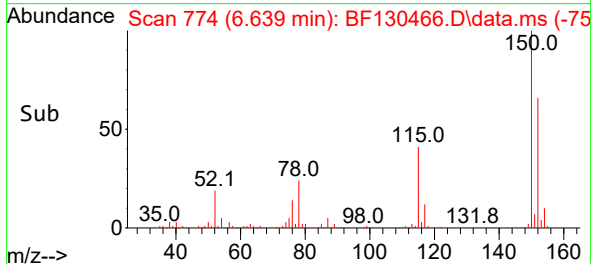
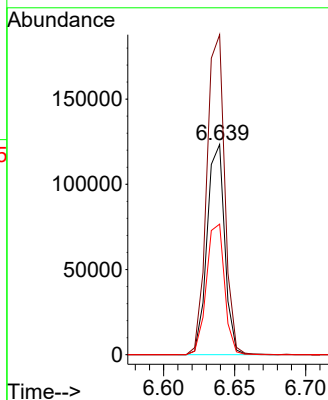
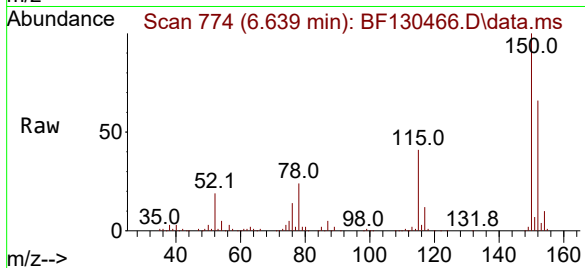




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.639 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF130466.D  
 Acq: 29 Sep 2022 14:40

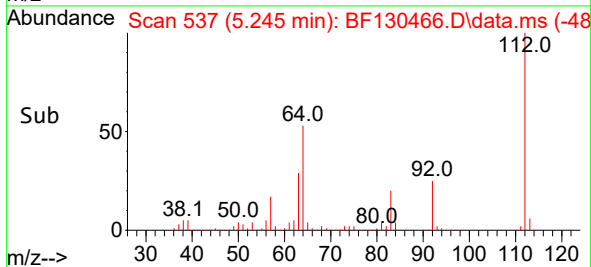
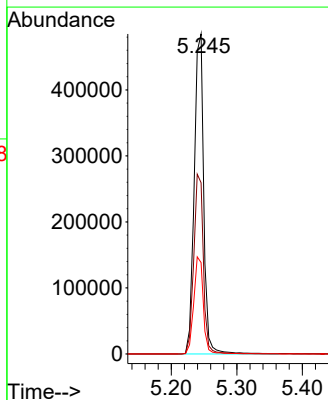
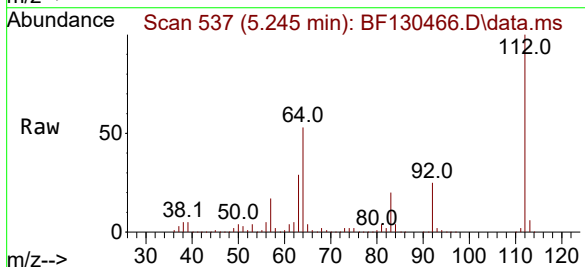
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-01

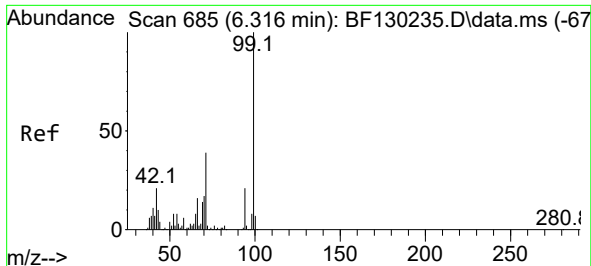
Tgt Ion:152 Resp: 106896  
 Ion Ratio Lower Upper  
 152 100  
 150 152.3 122.8 184.2  
 115 62.2 53.8 80.8



#5  
 2-Fluorophenol  
 Concen: 79.503 ng  
 RT: 5.245 min Scan# 537  
 Delta R.T. -0.000 min  
 Lab File: BF130466.D  
 Acq: 29 Sep 2022 14:40

Tgt Ion:112 Resp: 489984  
 Ion Ratio Lower Upper  
 112 100  
 64 53.5 51.4 77.0  
 63 28.6 28.8 43.2#

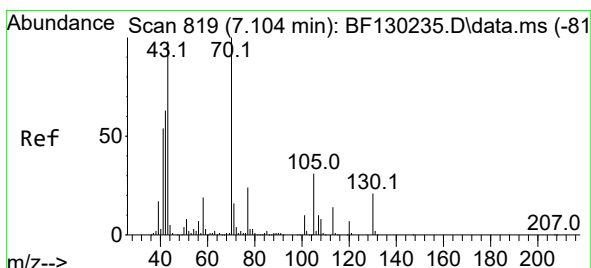
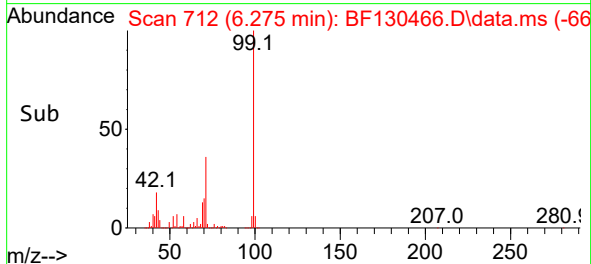
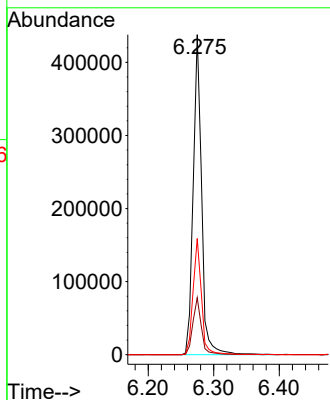
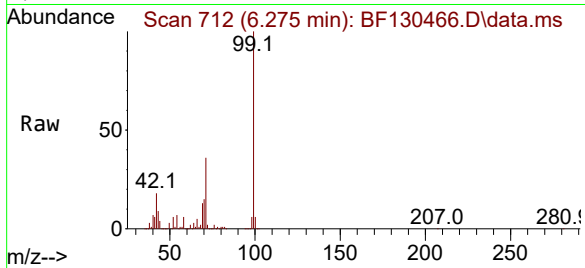




#7  
Phenol-d6  
Concen: 50.700 ng  
RT: 6.275 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF130466.D  
Acq: 29 Sep 2022 14:40

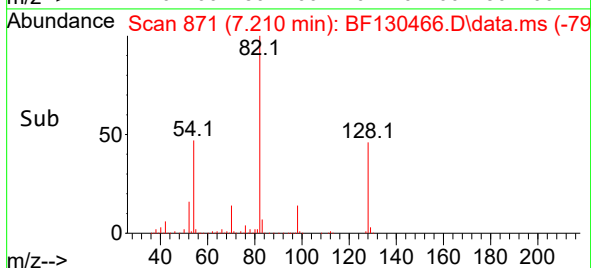
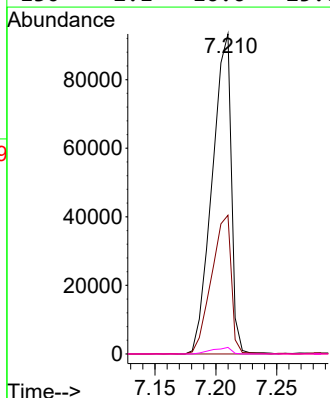
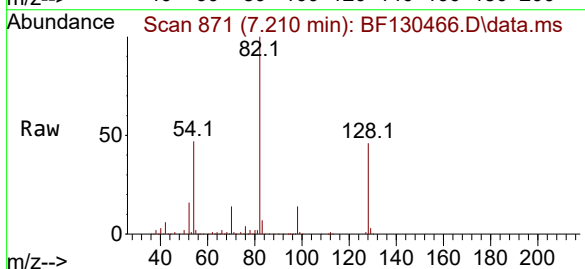
Instrument :  
BNA\_F  
ClientSampleId :  
MW-01

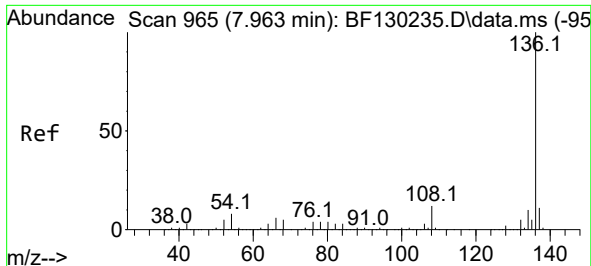
Tgt Ion: 99 Resp: 390970  
Ion Ratio Lower Upper  
99 100  
42 17.8 17.0 25.6  
71 36.3 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.639 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.141 min  
Lab File: BF130466.D  
Acq: 29 Sep 2022 14:40

Tgt Ion: 70 Resp: 102194  
Ion Ratio Lower Upper  
70 100  
42 43.4 50.8 76.2#  
101 0.0 8.2 12.4#  
130 2.1 16.6 25.0#

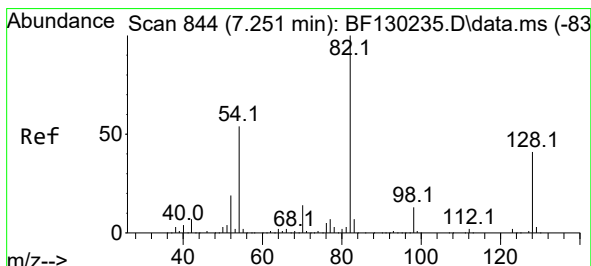
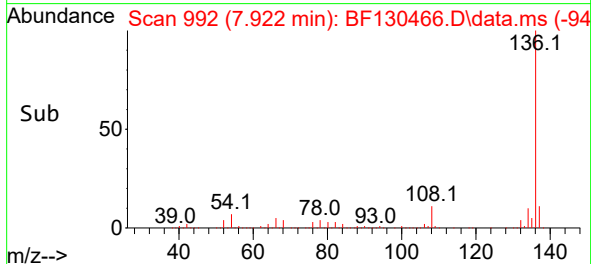
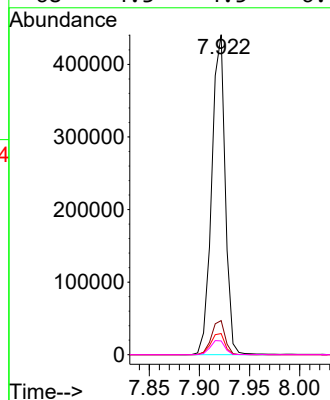
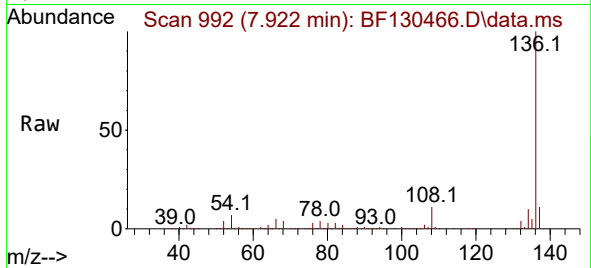




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.922 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130466.D  
Acq: 29 Sep 2022 14:40

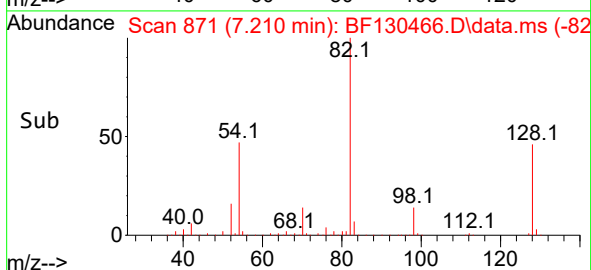
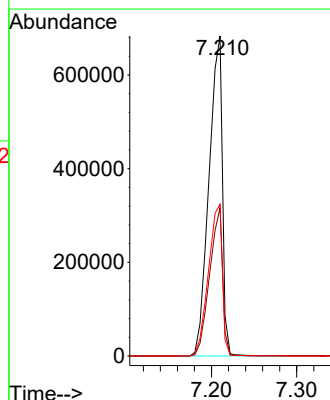
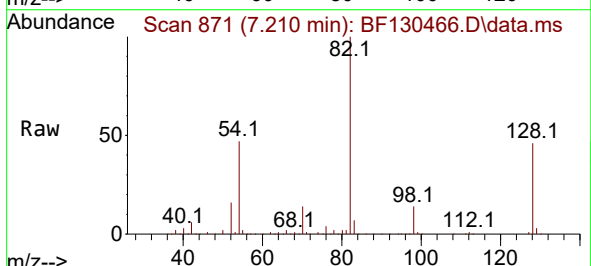
Instrument :  
BNA\_F  
ClientSampleId :  
MW-01

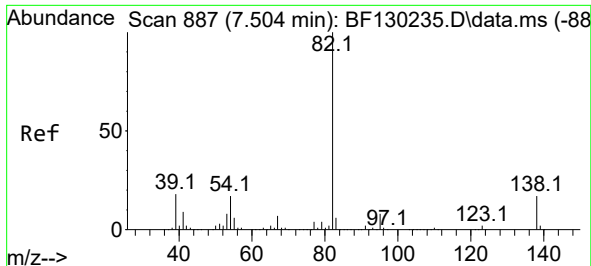
Tgt Ion:136 Resp: 414799  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.1 13.7  
54 6.6 7.1 10.7#  
68 4.3 4.5 6.7#



#23  
Nitrobenzene-d5  
Concen: 92.083 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BF130466.D  
Acq: 29 Sep 2022 14:40

Tgt Ion: 82 Resp: 747639  
Ion Ratio Lower Upper  
82 100  
128 46.3 32.6 49.0  
54 47.4 43.8 65.6

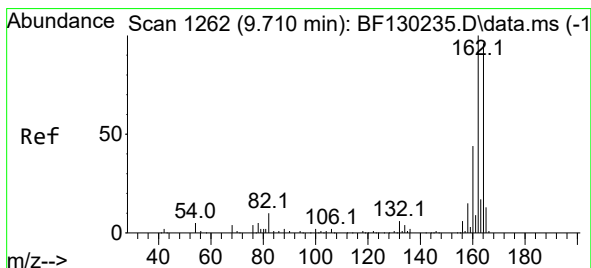
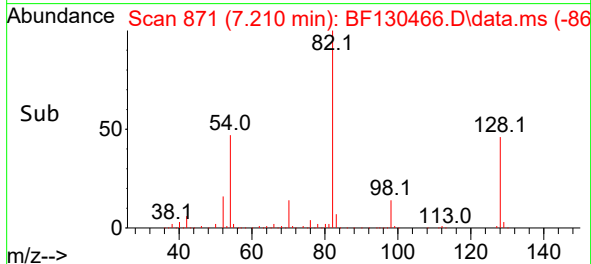
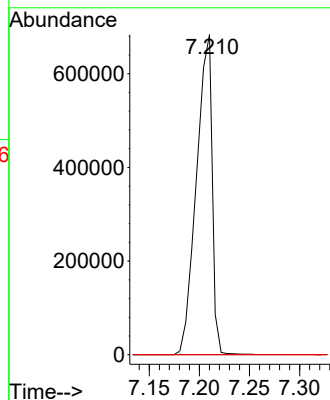
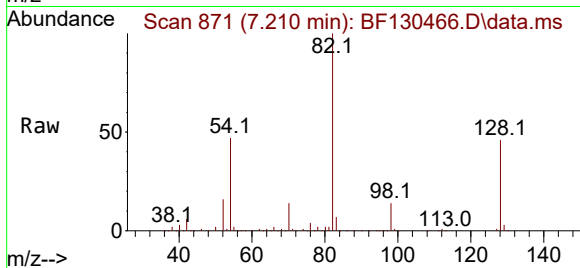




#25  
Isophorone  
Concen: 56.792 ng  
RT: 7.210 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF130466.D  
Acq: 29 Sep 2022 14:40

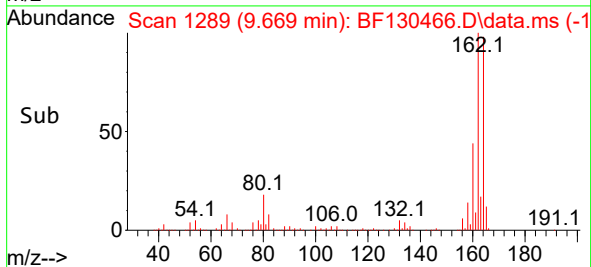
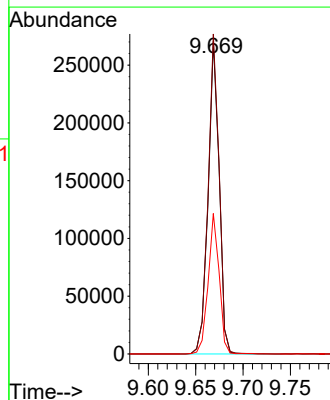
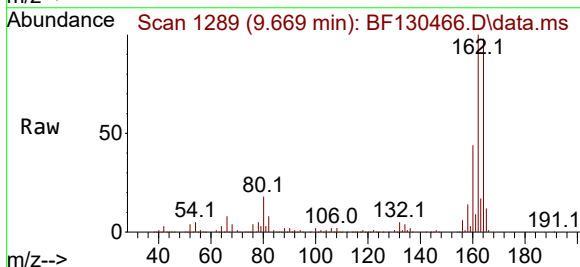
Instrument :  
BNA\_F  
ClientSampleId :  
MW-01

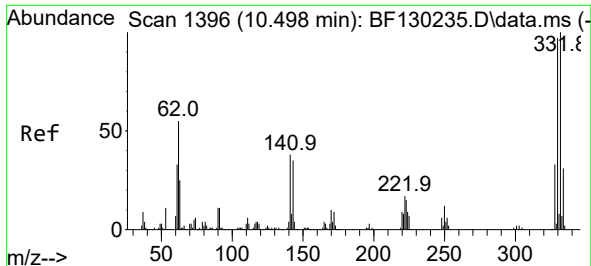
Tgt Ion: 82 Resp: 743200  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.669 min Scan# 1289  
Delta R.T. -0.012 min  
Lab File: BF130466.D  
Acq: 29 Sep 2022 14:40

Tgt Ion: 164 Resp: 218202  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.4 122.0  
160 44.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 182.018 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130466.D

Acq: 29 Sep 2022 14:40

Instrument :

BNA\_F

ClientSampleId :

MW-01

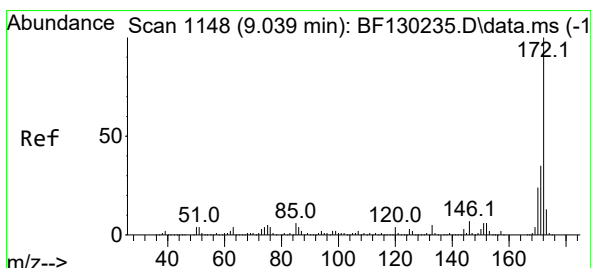
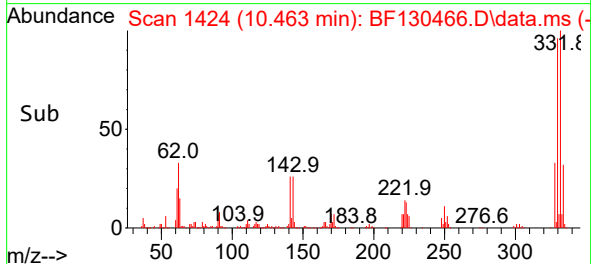
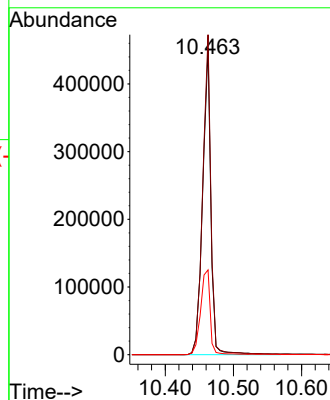
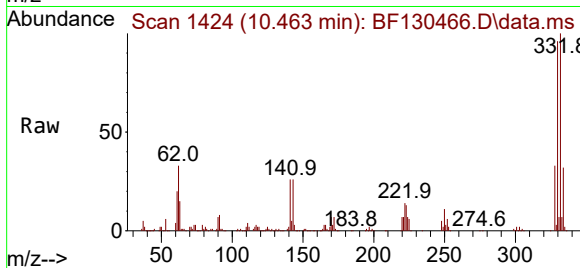
Tgt Ion:330 Resp: 380561

Ion Ratio Lower Upper

330 100

332 104.4 83.4 125.2

141 32.2 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 98.150 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF130466.D

Acq: 29 Sep 2022 14:40

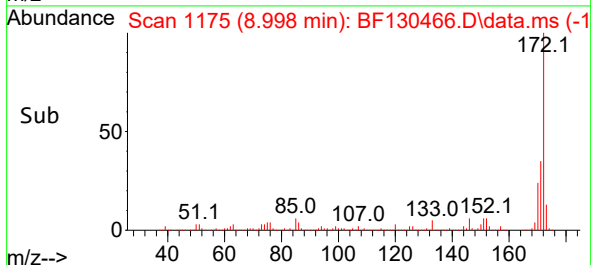
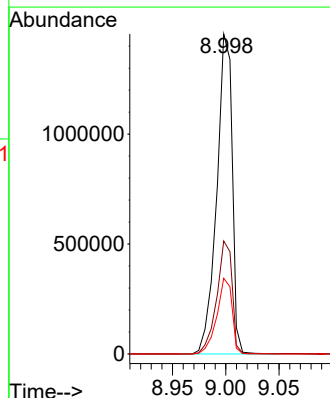
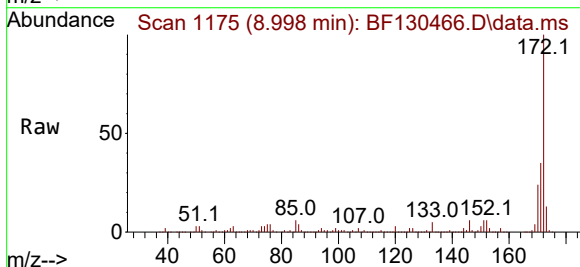
Tgt Ion:172 Resp: 1470720

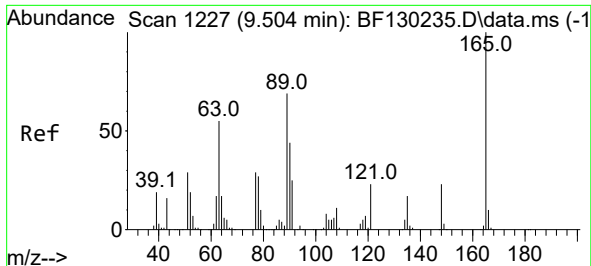
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 18.7 28.1

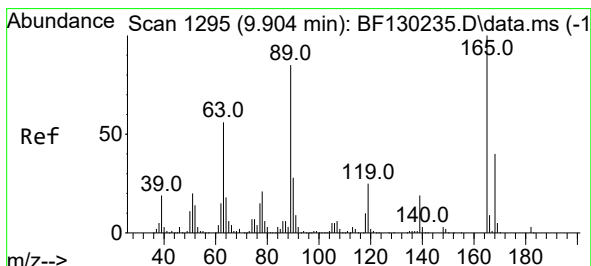
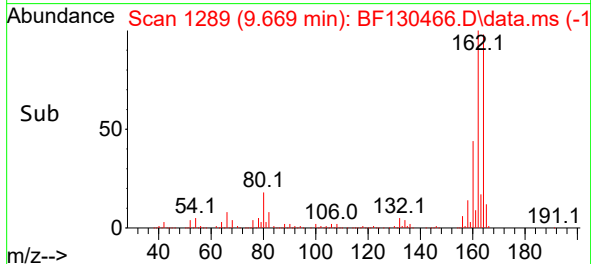
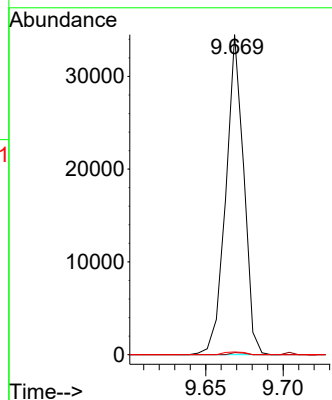
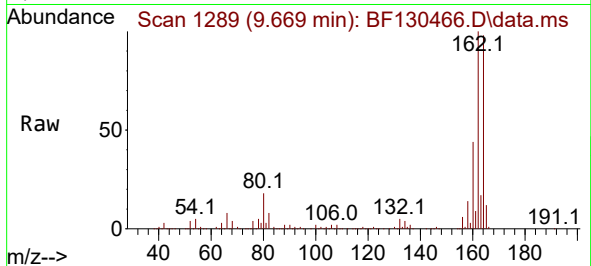




#51  
2,6-Dinitrotoluene  
Concen: 8.787 ng  
RT: 9.669 min Scan# 1289  
Delta R.T. 0.194 min  
Lab File: BF130466.D  
Acq: 29 Sep 2022 14:40

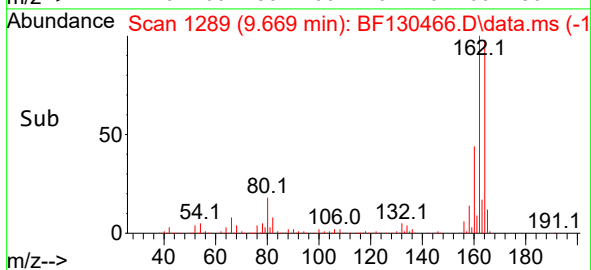
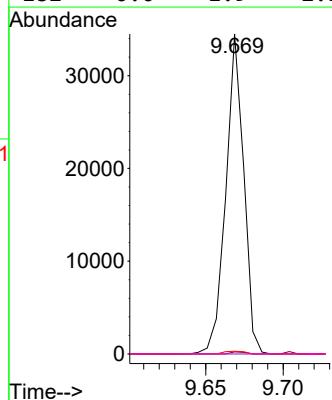
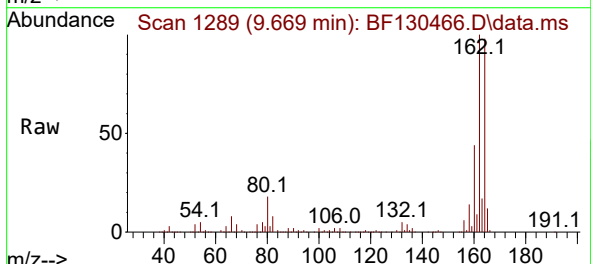
Instrument :  
BNA\_F  
ClientSampleId :  
MW-01

Tgt Ion:165 Resp: 27700  
Ion Ratio Lower Upper  
165 100  
63 0.7 58.8 88.2#  
89 0.9 54.5 81.7#

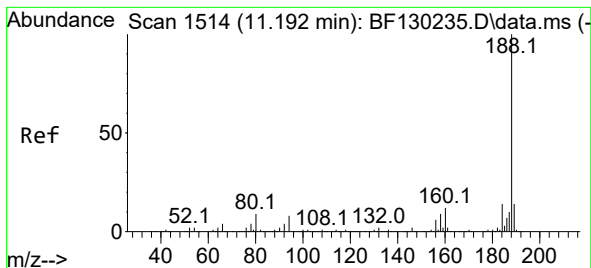


#57  
2,4-Dinitrotoluene  
Concen: 6.876 ng  
RT: 9.669 min Scan# 1289  
Delta R.T. -0.206 min  
Lab File: BF130466.D  
Acq: 29 Sep 2022 14:40

Tgt Ion:165 Resp: 27700  
Ion Ratio Lower Upper  
165 100  
63 0.7 44.7 67.1#  
89 0.9 69.0 103.4#  
182 0.0 1.9 2.9#







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130466.D

Acq: 29 Sep 2022 14:40

Instrument :

BNA\_F

ClientSampleId :

MW-01

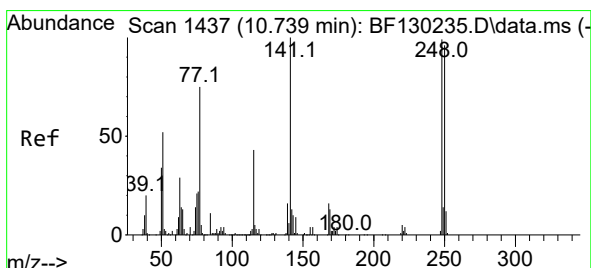
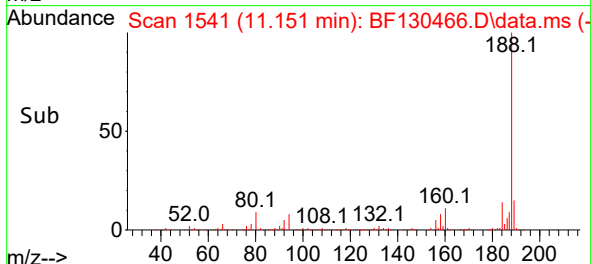
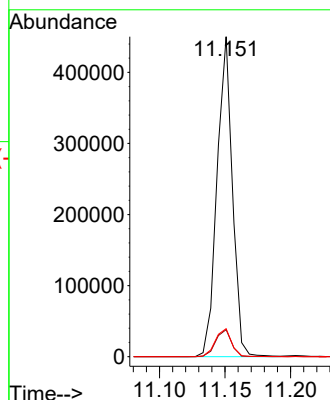
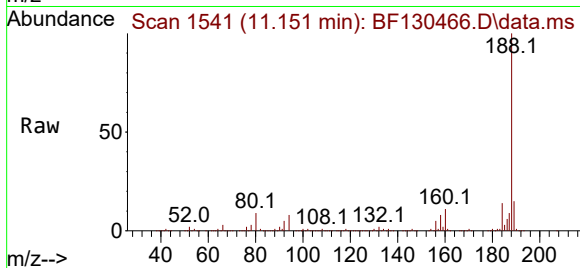
Tgt Ion:188 Resp: 366668

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 8.7 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 5.640 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.247 min

Lab File: BF130466.D

Acq: 29 Sep 2022 14:40

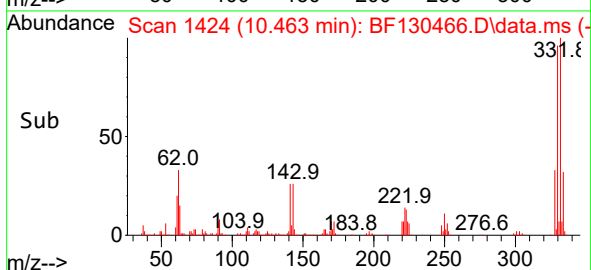
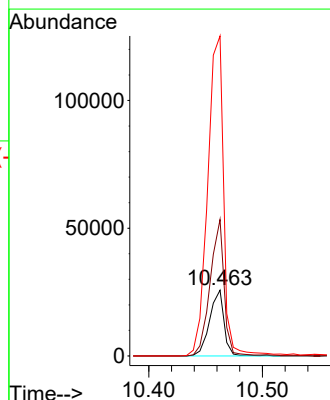
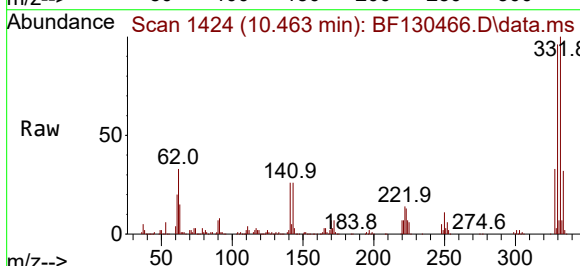
Tgt Ion:248 Resp: 22812

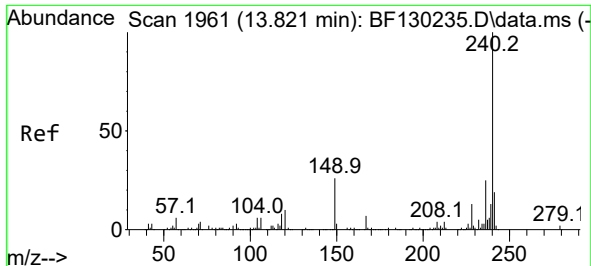
Ion Ratio Lower Upper

248 100

250 207.4 80.0 120.0#

141 486.2 68.5 102.7#

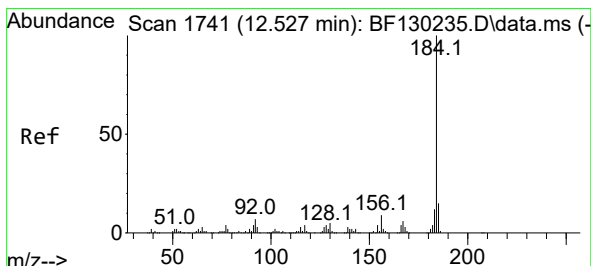
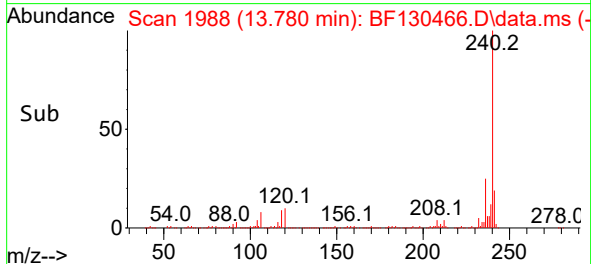
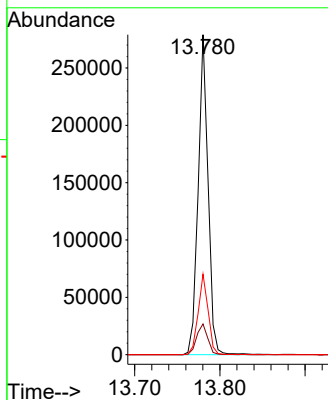
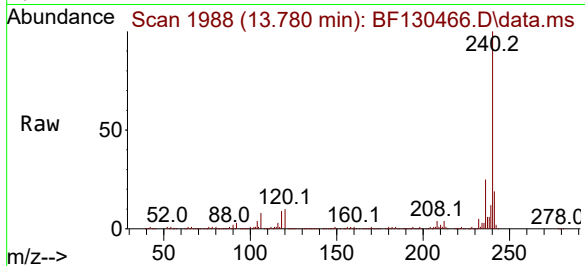




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.780 min Scan# 1811  
Delta R.T. -0.012 min  
Lab File: BF130466.D  
Acq: 29 Sep 2022 14:40

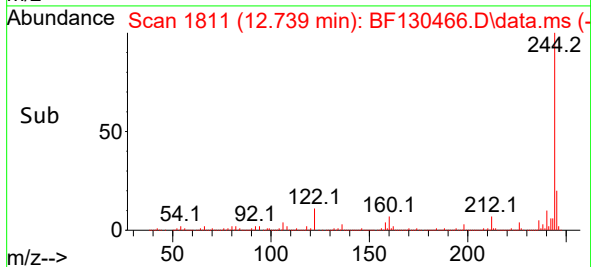
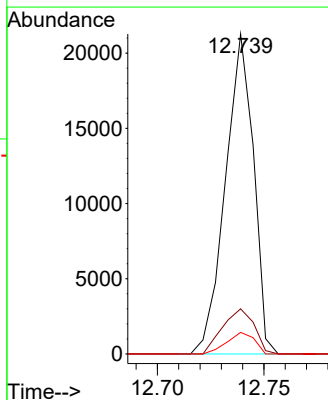
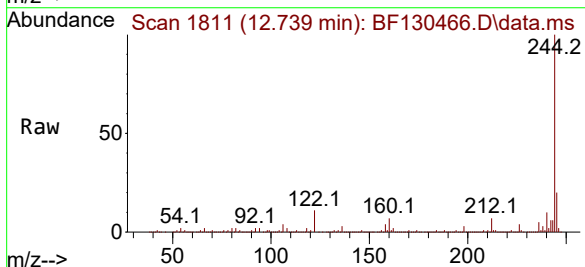
Instrument :  
BNA\_F  
ClientSampleId :  
MW-01

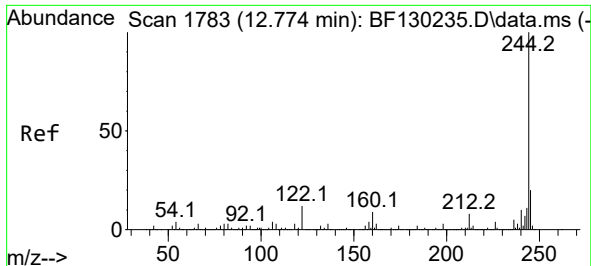
Tgt Ion:240 Resp: 226299  
Ion Ratio Lower Upper  
240 100  
120 9.6 8.7 13.1  
236 25.1 20.9 31.3



#77  
Benzidine  
Concen: 2.973 ng  
RT: 12.739 min Scan# 1811  
Delta R.T. 0.241 min  
Lab File: BF130466.D  
Acq: 29 Sep 2022 14:40

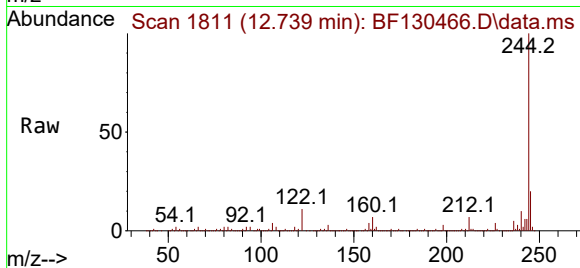
Tgt Ion:184 Resp: 19533  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.8 17.6  
183 6.8 9.1 13.7#



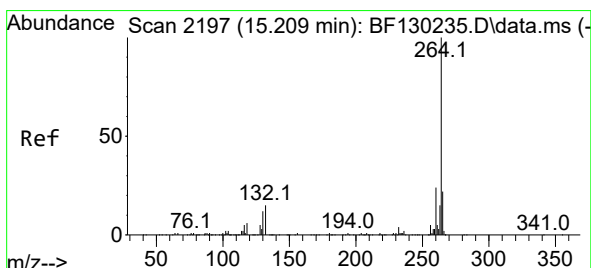
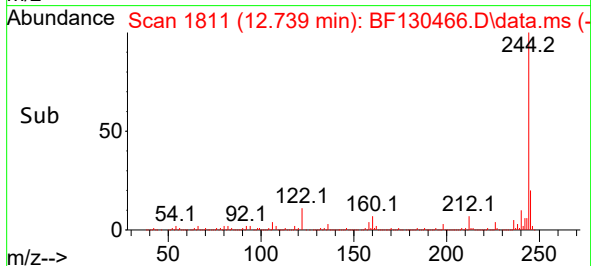
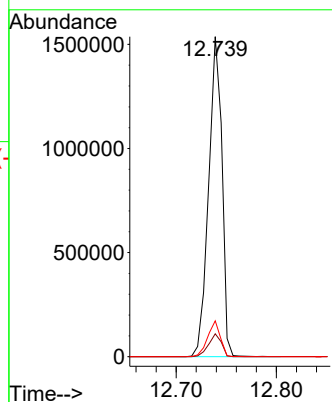


#79  
 Terphenyl-d14  
 Concen: 104.232 ng  
 RT: 12.739 min Scan# 1811  
 Delta R.T. -0.006 min  
 Lab File: BF130466.D  
 Acq: 29 Sep 2022 14:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-01



Tgt Ion:244 Resp: 1423949  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.9 8.9  
 122 11.2 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.168 min Scan# 2224  
 Delta R.T. -0.006 min  
 Lab File: BF130466.D  
 Acq: 29 Sep 2022 14:40

Tgt Ion:264 Resp: 175714  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.3 28.9  
 265 21.1 17.0 25.4

