

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092622\  
 Data File : BF130410.D  
 Acq On : 26 Sep 2022 16:10  
 Operator : CG\JU  
 Sample : N4742-06  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

Quant Time: Sep 27 01:06:19 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 27 01:00:47 2022  
 Response via : Initial Calibration

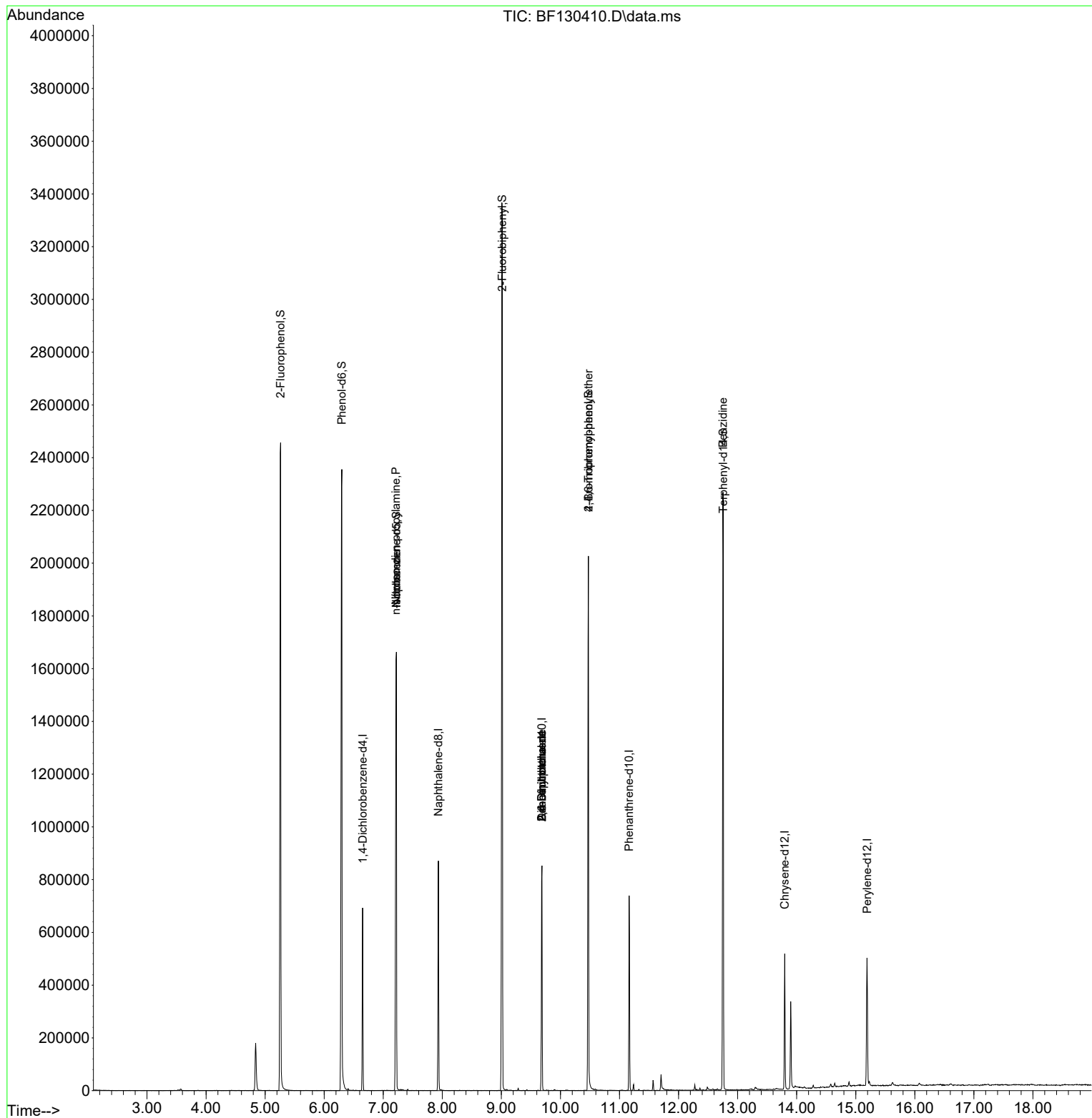
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.651  | 152  | 91626    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.934  | 136  | 355649   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.686  | 164  | 176120   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.163 | 188  | 254547   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.798 | 240  | 159052   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.192 | 264  | 202401   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.263  | 112  | 770939   | 145.937 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.298  | 99   | 956942   | 144.775 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.222  | 82   | 607951   | 87.331  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.475 | 330  | 243813   | 144.476 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.016  | 172  | 1123911  | 92.927  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.757 | 244  | 769994   | 80.193  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.216  | 70   | 82374    | 18.469  | ng    | # 75     |
| 25) Isophorone                | 7.222  | 82   | 607946   | 54.183  | ng    | # 66     |
| 50) Dimethylphthalate         | 9.686  | 163  | 33775    | 2.776   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.686  | 165  | 22490    | 8.839   | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 9.686  | 165  | 22490    | 6.916   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.475 | 248  | 15025    | 5.351   | ng    | # 1      |
| 77) Benzidine                 | 12.751 | 184  | 11476    | 2.486   | ng    | # 89     |
| -----                         |        |      |          |         |       |          |

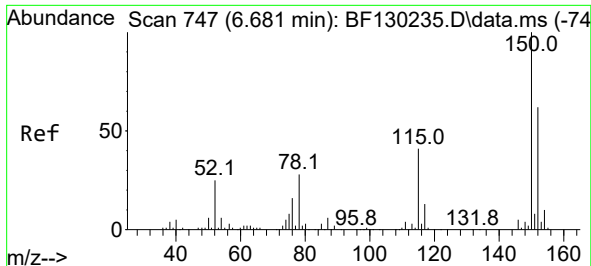
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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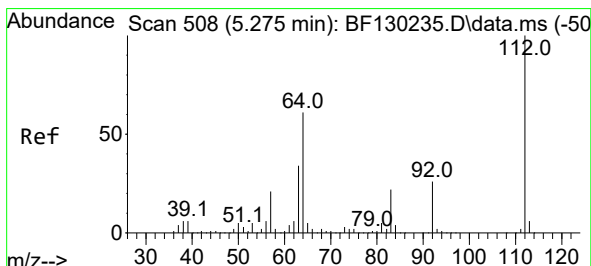
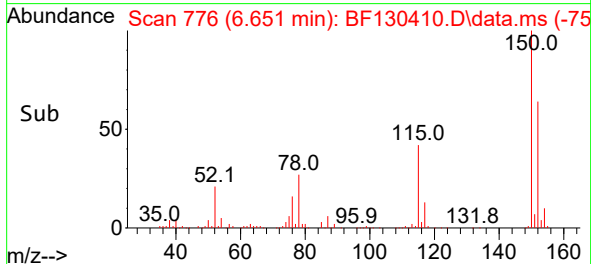
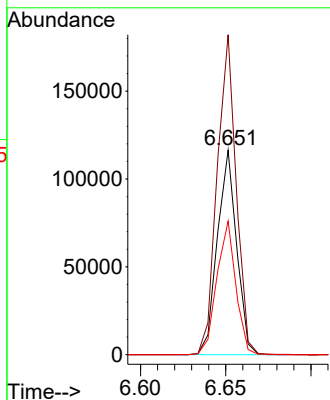
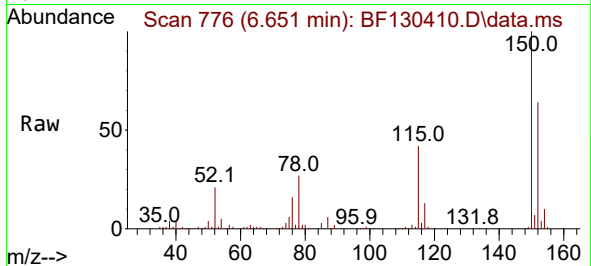




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.651 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

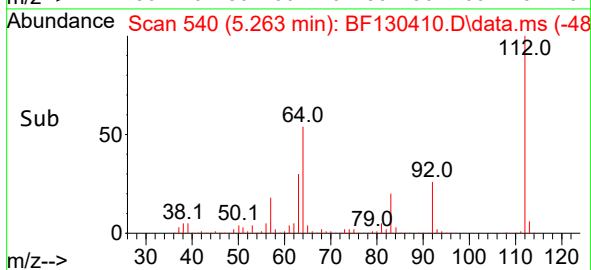
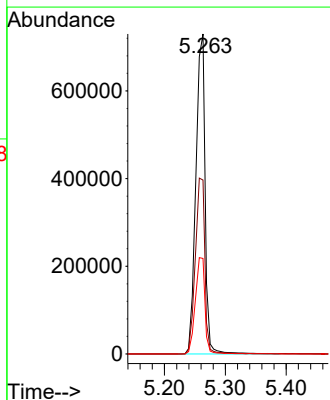
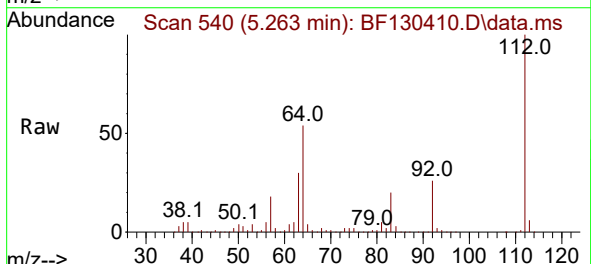
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

Tgt Ion:152 Resp: 91626  
Ion Ratio Lower Upper  
152 100  
150 156.5 122.8 184.2  
115 65.3 53.8 80.8



#5  
2-Fluorophenol  
Concen: 145.937 ng  
RT: 5.263 min Scan# 540  
Delta R.T. 0.018 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

Tgt Ion:112 Resp: 770939  
Ion Ratio Lower Upper  
112 100  
64 54.3 51.4 77.0  
63 29.8 28.8 43.2

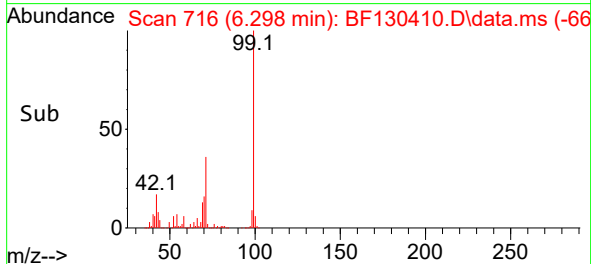
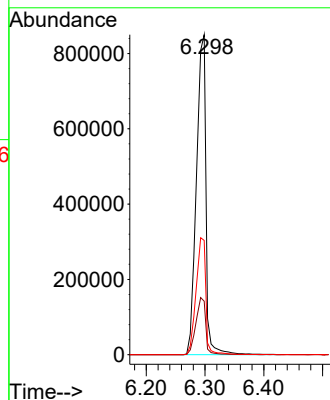
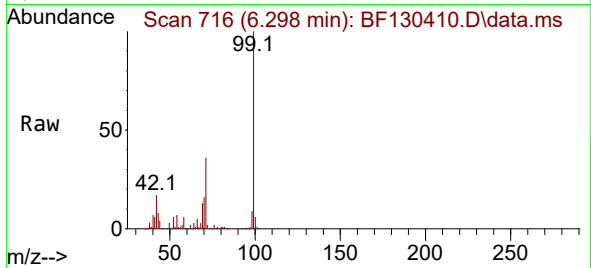




#7  
Phenol-d6  
Concen: 144.775 ng  
RT: 6.298 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

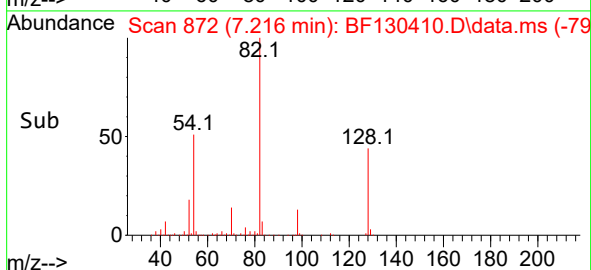
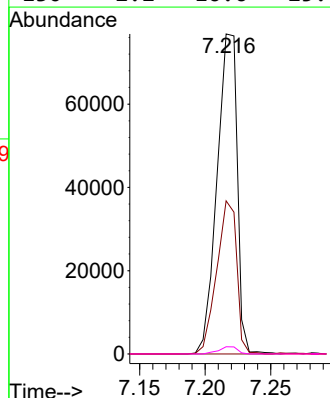
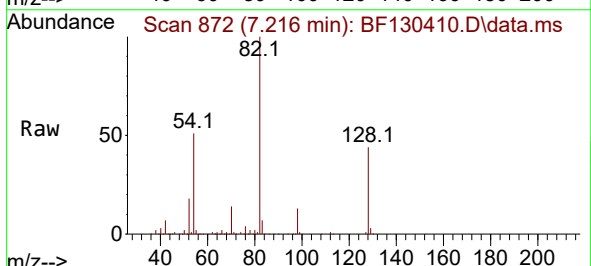
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

Tgt Ion: 99 Resp: 956942  
Ion Ratio Lower Upper  
99 100  
42 16.7 17.0 25.6#  
71 35.7 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.469 ng  
RT: 7.216 min Scan# 872  
Delta R.T. 0.141 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

Tgt Ion: 70 Resp: 82374  
Ion Ratio Lower Upper  
70 100  
42 47.9 50.8 76.2#  
101 0.0 8.2 12.4#  
130 2.2 16.6 25.0#

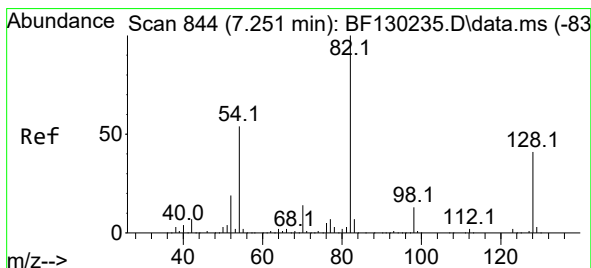
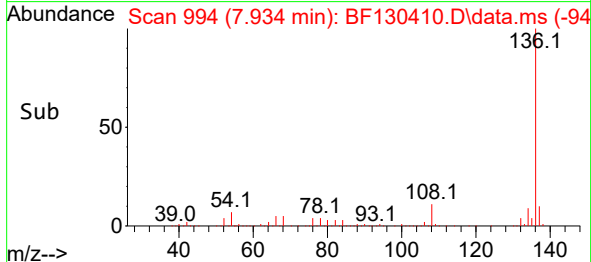
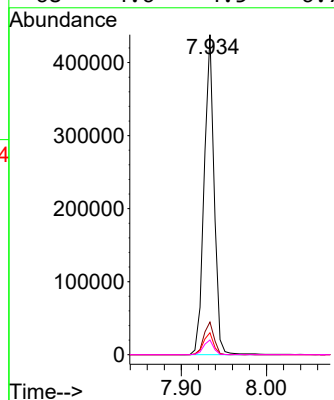
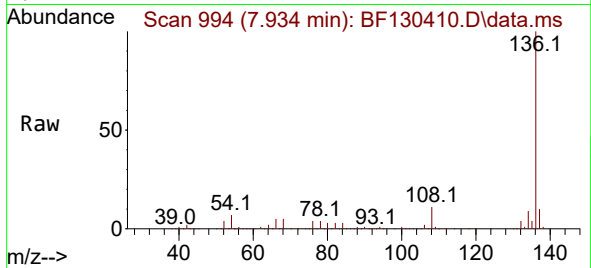




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.934 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

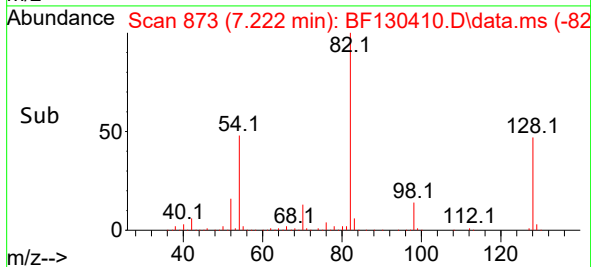
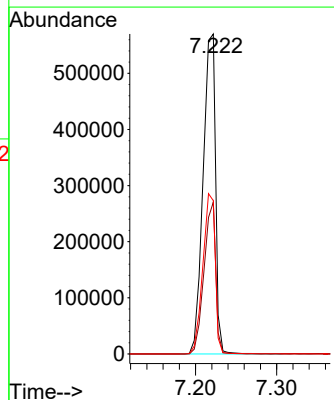
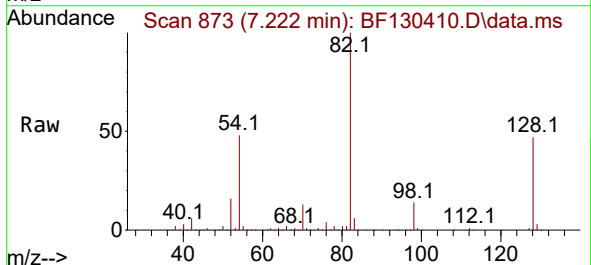
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

Tgt Ion:136 Resp: 355649  
Ion Ratio Lower Upper  
136 100  
137 10.2 9.1 13.7  
54 6.9 7.1 10.7#  
68 4.6 4.5 6.7



#23  
Nitrobenzene-d5  
Concen: 87.331 ng  
RT: 7.222 min Scan# 873  
Delta R.T. -0.000 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

Tgt Ion: 82 Resp: 607951  
Ion Ratio Lower Upper  
82 100  
128 47.5 32.6 49.0  
54 47.9 43.8 65.6

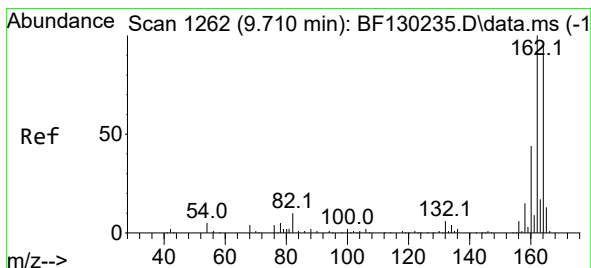
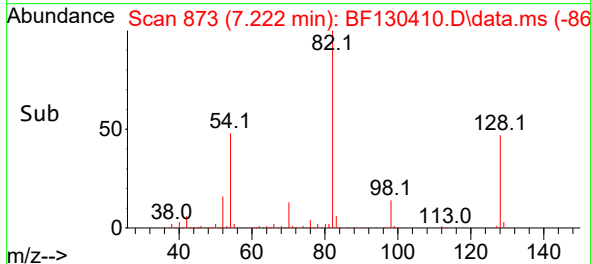
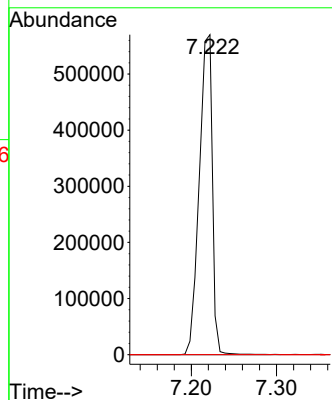
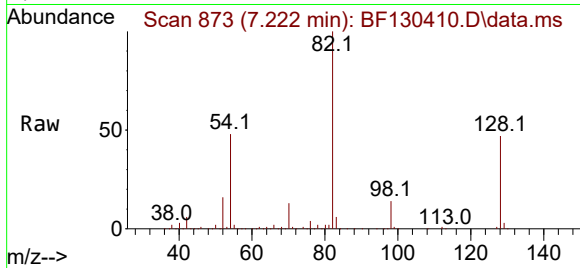




#25  
Isophorone  
Concen: 54.183 ng  
RT: 7.222 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

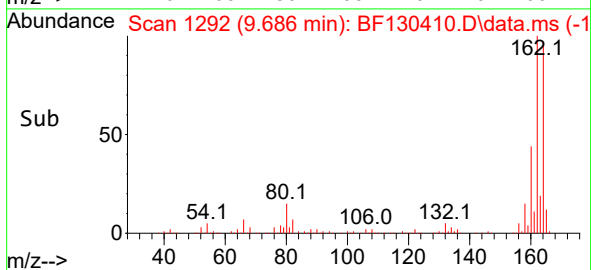
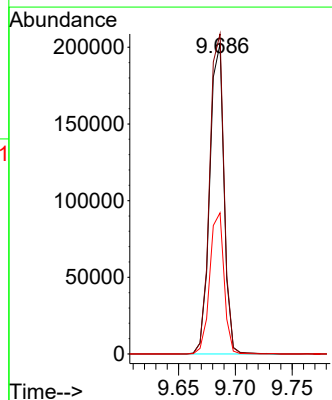
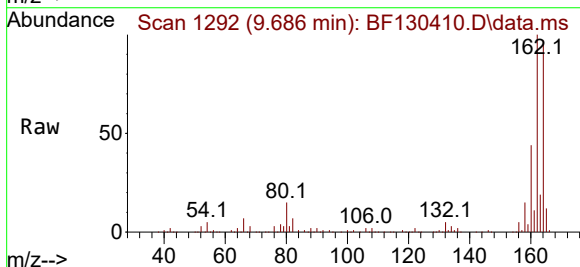
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

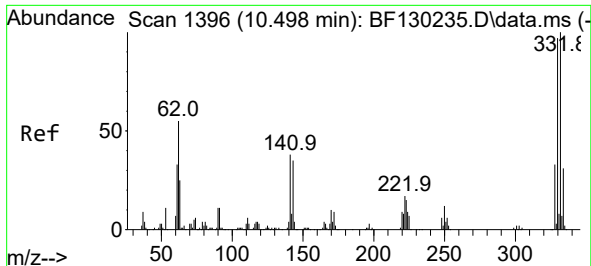
Tgt Ion: 82 Resp: 607946  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. -0.000 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

Tgt Ion: 164 Resp: 176120  
Ion Ratio Lower Upper  
164 100  
162 103.1 81.4 122.0  
160 45.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 144.476 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130410.D

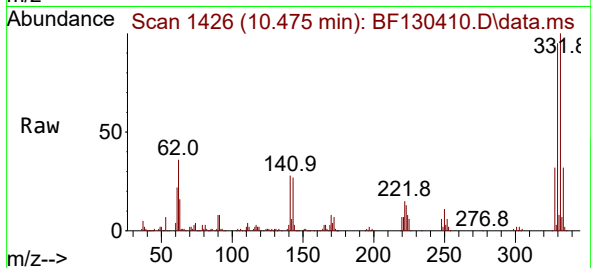
Acq: 26 Sep 2022 16:10

Instrument :

BNA\_F

ClientSampleId :

SB-05-COMP



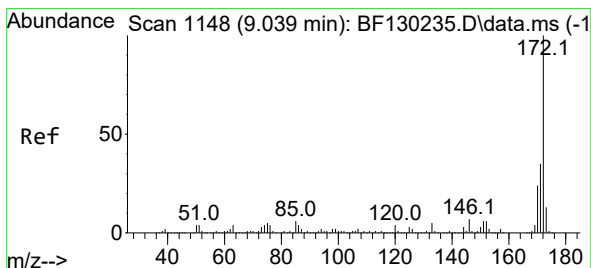
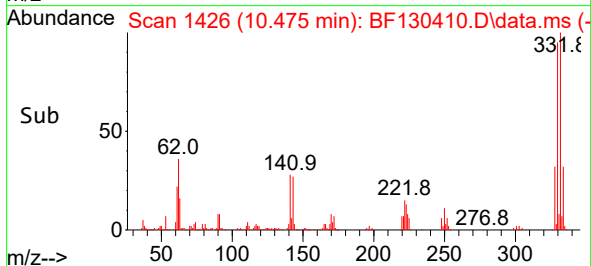
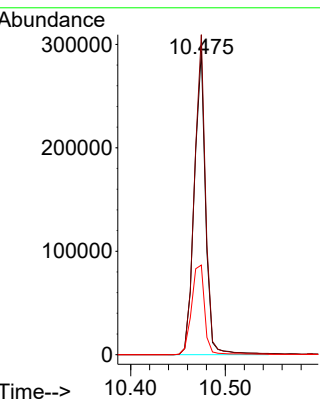
Tgt Ion:330 Resp: 243813

Ion Ratio Lower Upper

330 100

332 104.7 83.4 125.2

141 34.8 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 92.927 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF130410.D

Acq: 26 Sep 2022 16:10

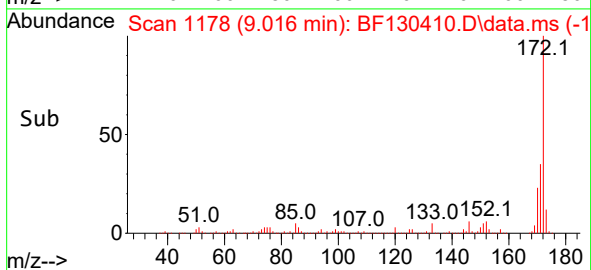
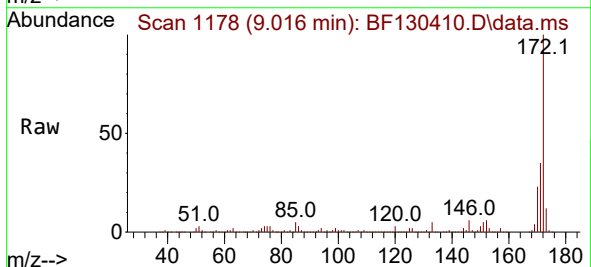
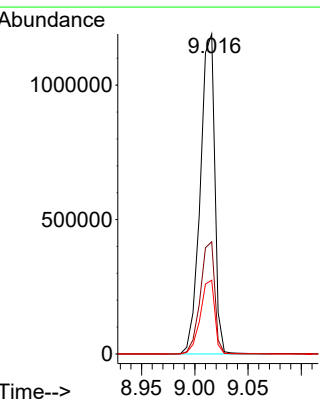
Tgt Ion:172 Resp: 1123911

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.0 18.7 28.1

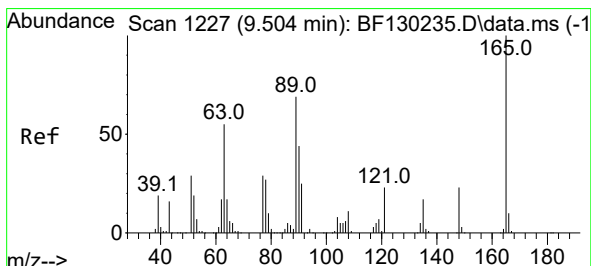
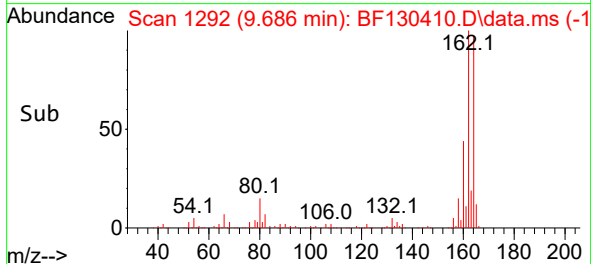
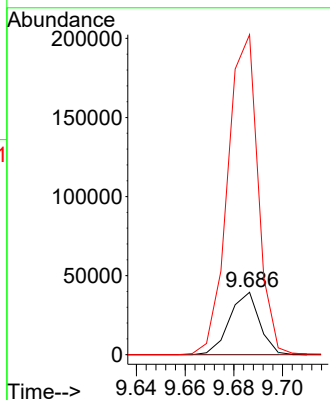
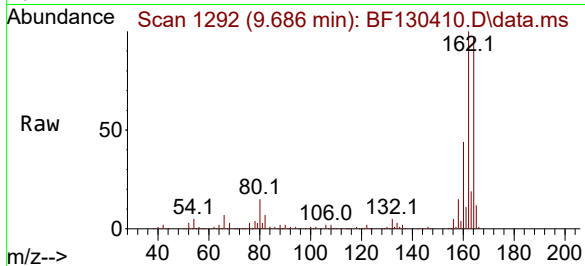




#50  
Dimethylphthalate  
Concen: 2.776 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. 0.265 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

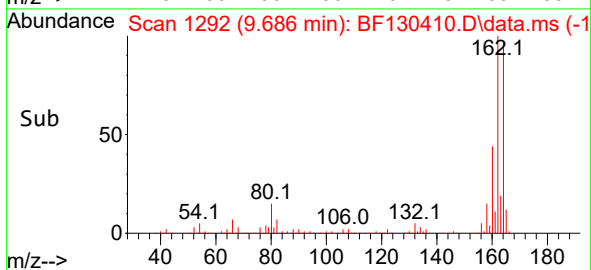
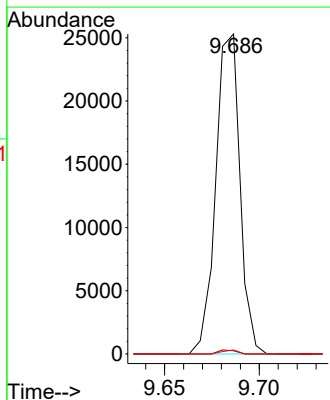
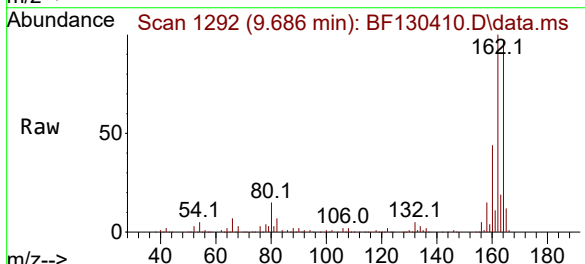
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SB-05-COMP

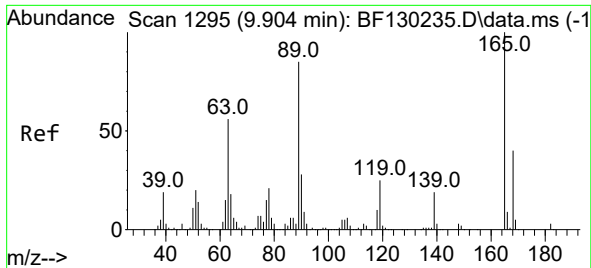
Tgt Ion:163 Resp: 33775  
Ion Ratio Lower Upper  
163 100  
194 0.0 2.8 4.2#  
164 512.6 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 8.839 ng  
RT: 9.686 min Scan# 1292  
Delta R.T. 0.200 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

Tgt Ion:165 Resp: 22490  
Ion Ratio Lower Upper  
165 100  
63 1.0 58.8 88.2#  
89 1.3 54.5 81.7#

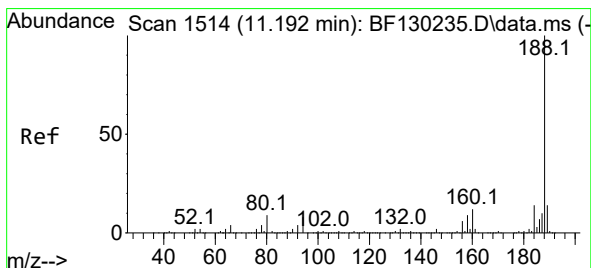
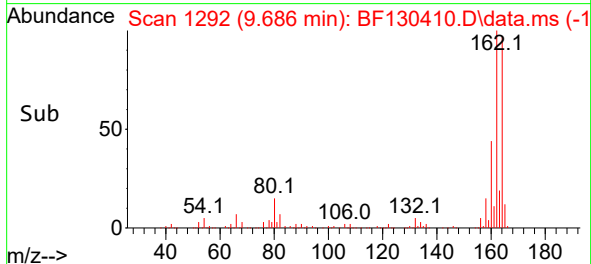
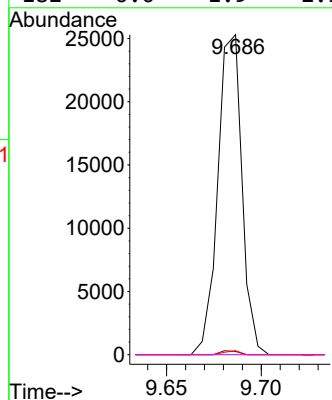
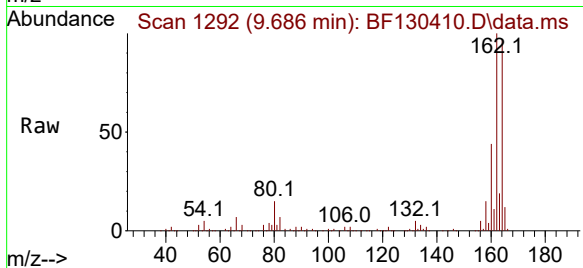




#57  
2,4-Dinitrotoluene  
Concen: 6.916 ng  
RT: 9.686 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

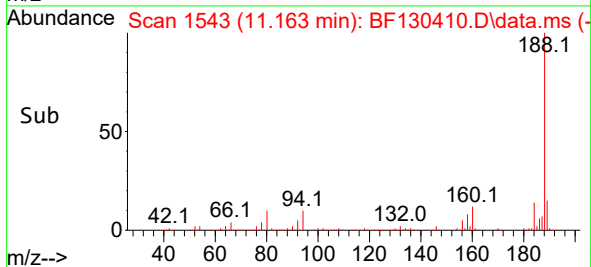
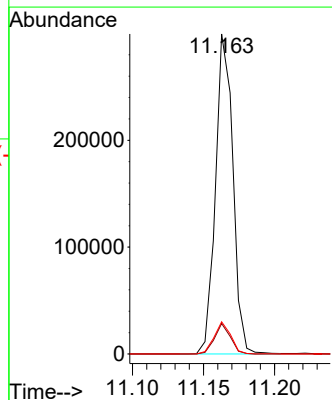
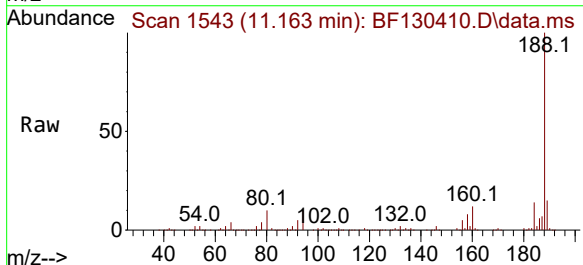
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

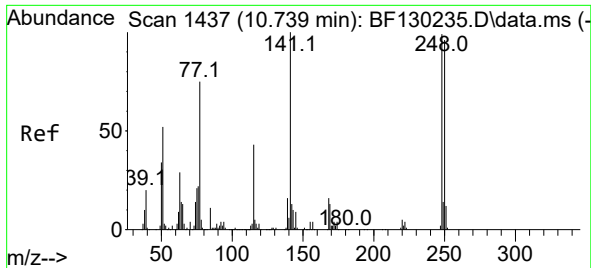
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 22490  |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 1.0   | 44.7  | 67.1#  |
| 89        | 1.3   | 69.0  | 103.4# |
| 182       | 0.0   | 1.9   | 2.9#   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.163 min Scan# 1543  
Delta R.T. -0.006 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 254547 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.5   | 7.4   | 11.2   |
| 80        | 10.0  | 7.9   | 11.9   |

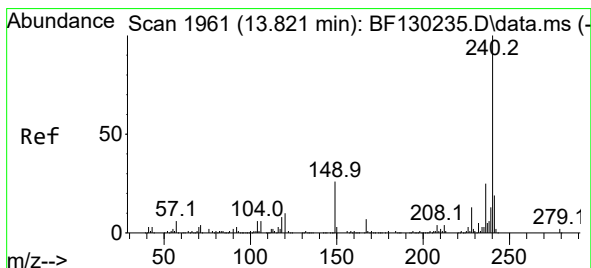
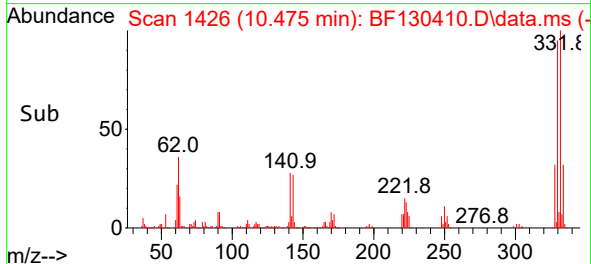
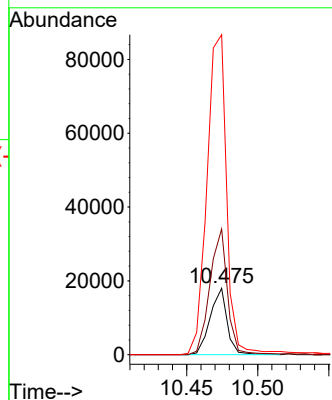
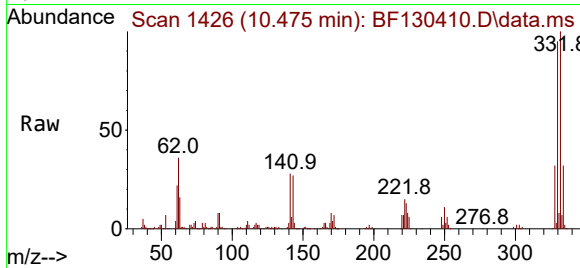




#67  
4-Bromophenyl-phenylether  
Concen: 5.351 ng  
RT: 10.475 min Scan# 1426  
Delta R.T. -0.247 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

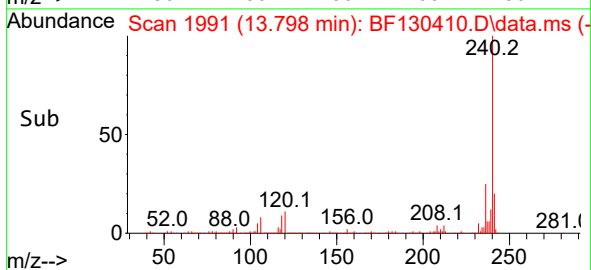
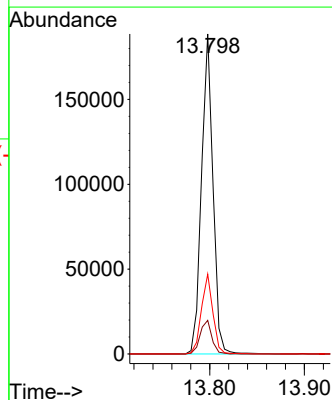
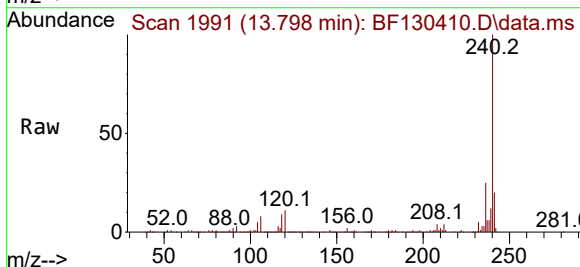
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

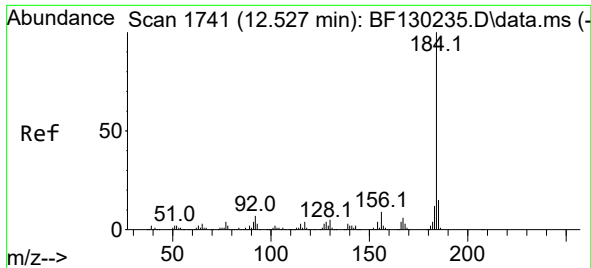
Tgt Ion:248 Resp: 15025  
Ion Ratio Lower Upper  
248 100  
250 189.5 80.0 120.0#  
141 482.3 68.5 102.7#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.798 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

Tgt Ion:240 Resp: 159052  
Ion Ratio Lower Upper  
240 100  
120 10.5 8.7 13.1  
236 25.0 20.9 31.3

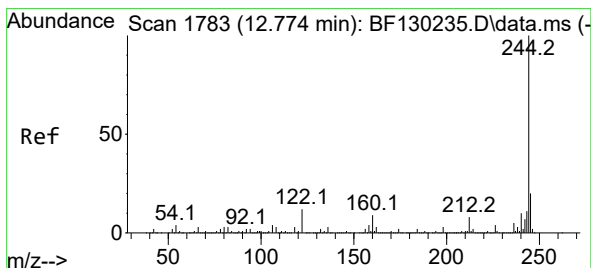
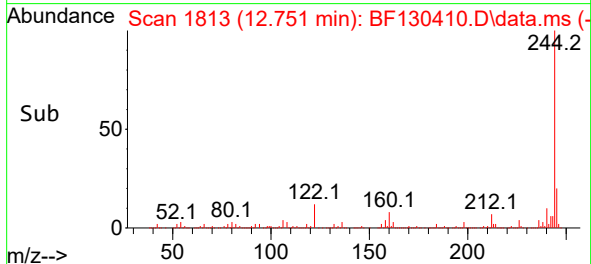
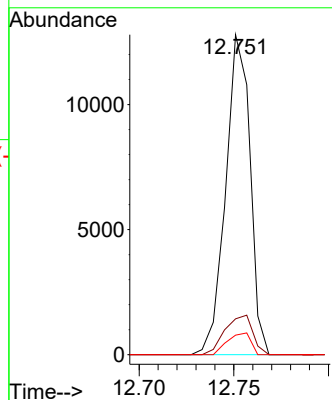
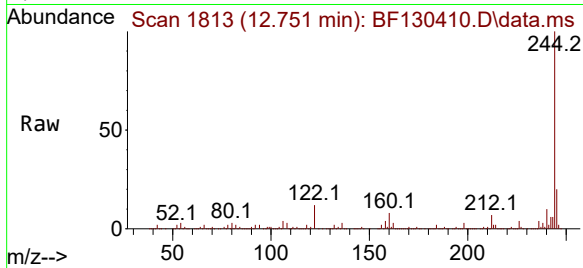




#77  
Benzidine  
Concen: 2.486 ng  
RT: 12.751 min Scan# 1813  
Delta R.T. 0.241 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

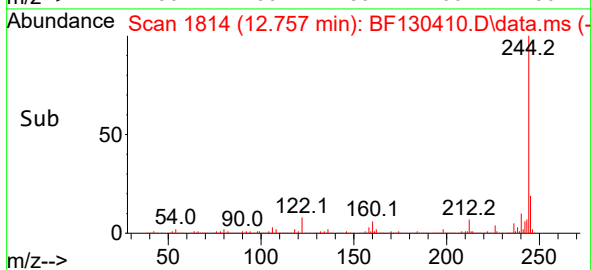
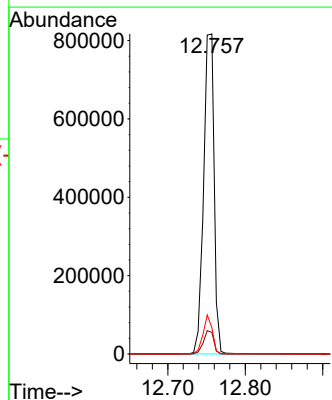
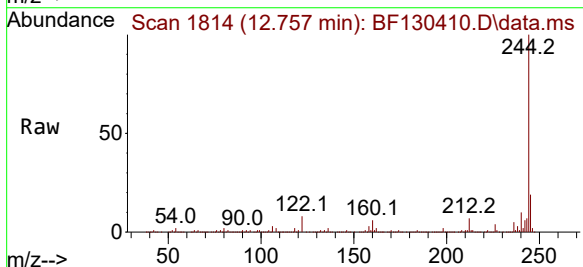
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

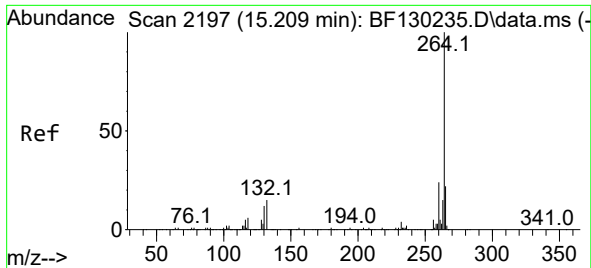
Tgt Ion:184 Resp: 11476  
Ion Ratio Lower Upper  
184 100  
185 11.2 11.8 17.6#  
183 6.1 9.1 13.7#



#79  
Terphenyl-d14  
Concen: 80.193 ng  
RT: 12.757 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: BF130410.D  
Acq: 26 Sep 2022 16:10

Tgt Ion:244 Resp: 769994  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 8.2 8.5 12.7#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.192 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BF130410.D  
 Acq: 26 Sep 2022 16:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-05-COMP

Tgt Ion:264 Resp: 202401  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.3 28.9  
 265 21.1 17.0 25.4

