

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090722\  
 Data File : BF130158.D  
 Acq On : 07 Sep 2022 12:56  
 Operator : CG\JU  
 Sample : N4500-18  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 08 02:47:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 07 02:05:07 2022  
 Response via : Initial Calibration

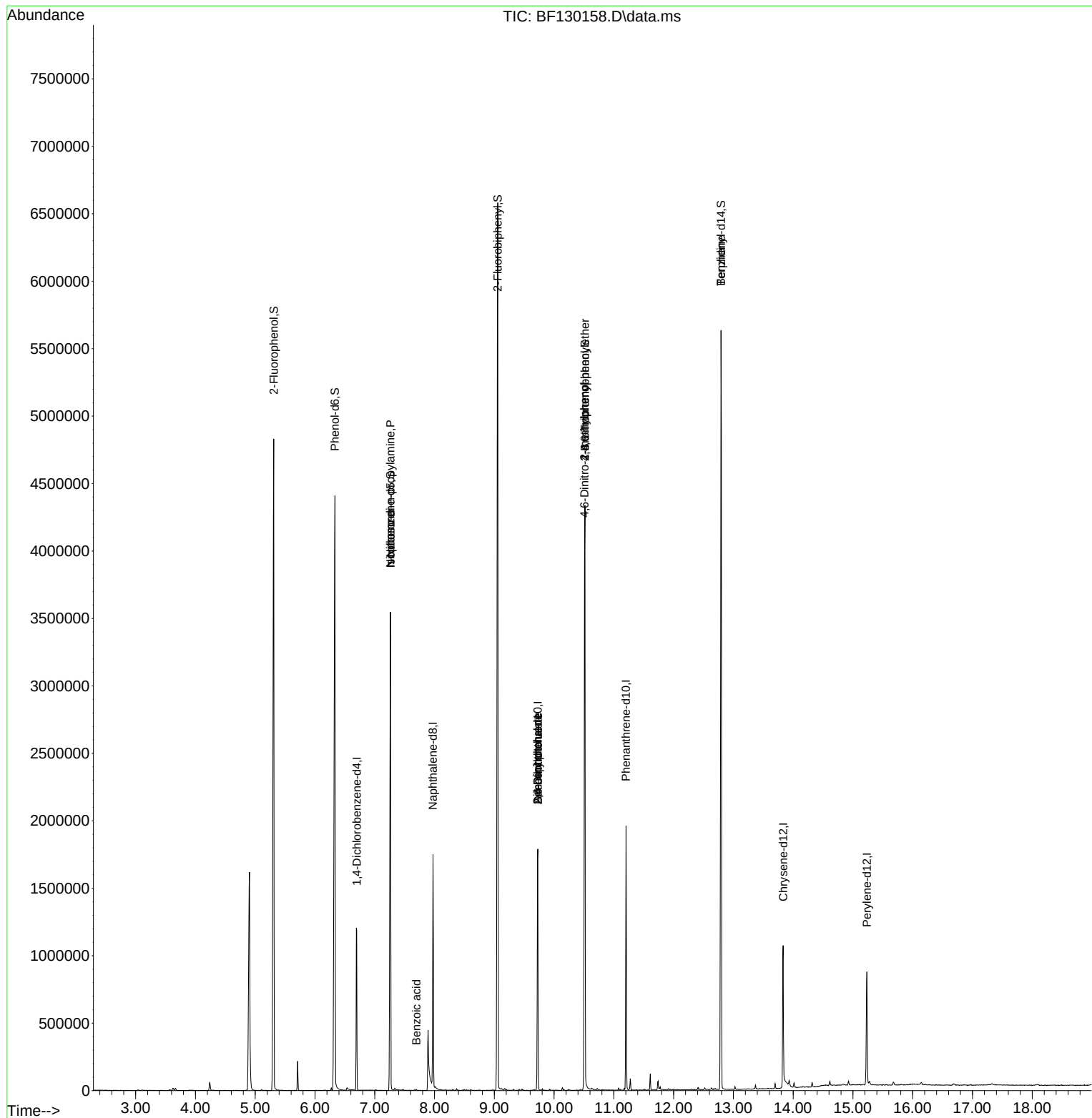
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.698  | 152  | 186270   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.975  | 136  | 723585   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.727  | 164  | 380680   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.204 | 188  | 622503   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.833 | 240  | 345164   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.233 | 264  | 345764   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.310  | 112  | 1685160  | 153.584 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.334  | 99   | 2106859  | 154.019 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.263  | 82   | 1276276  | 113.354 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.516 | 330  | 591860   | 170.799 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.057  | 172  | 2248972  | 97.948  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.792 | 244  | 2076912  | 104.345 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.263  | 70   | 166521   | 20.207  | ng    | # 73     |
| 25) Isophorone                | 7.263  | 82   | 1272114  | 55.822  | ng    | # 65     |
| 32) Benzoic acid              | 7.698  | 122  | 120      | 6.585   | ng    | # 72     |
| 50) Dimethylphthalate         | 9.727  | 163  | 92312    | 3.560   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.727  | 165  | 49427    | 9.777   | ng    | # 22     |
| 57) 2,4-Dinitrotoluene        | 9.727  | 165  | 49427    | 8.492   | ng    | # 17     |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 1337     | 6.479   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.516 | 248  | 36166    | 5.223   | ng    | # 1      |
| 77) Benzidine                 | 12.792 | 184  | 28895    | 3.101   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

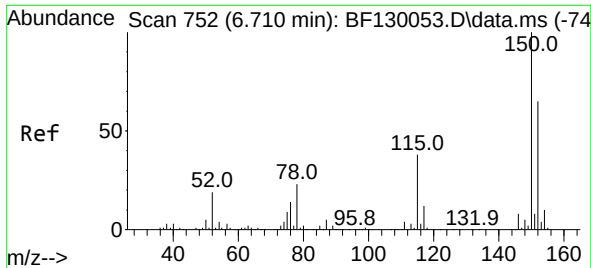
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 07 02:05:07 2022  
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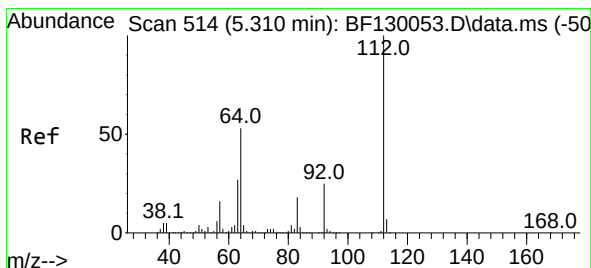
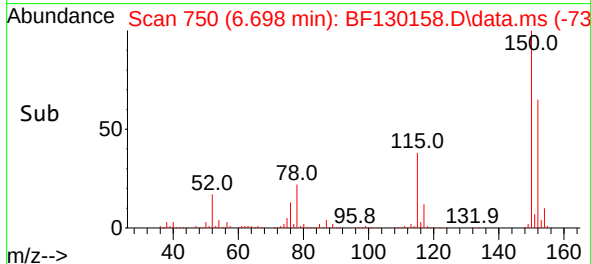
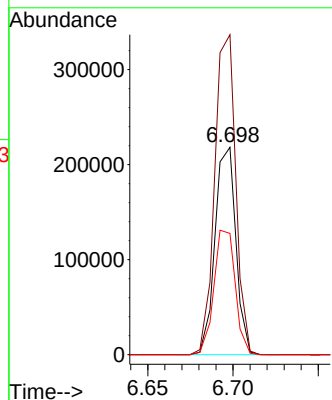
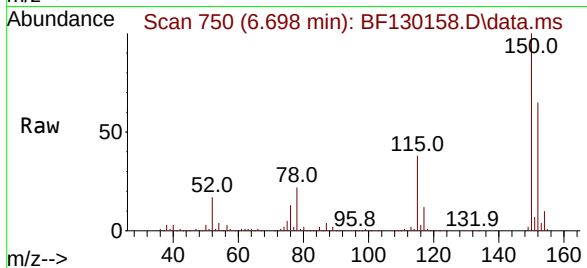




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.698 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

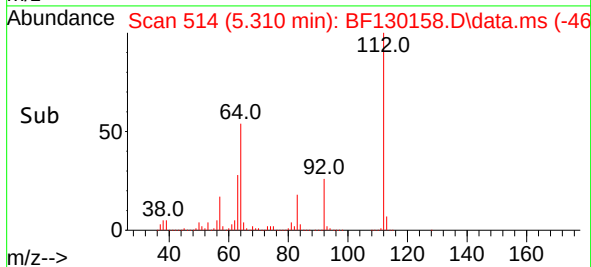
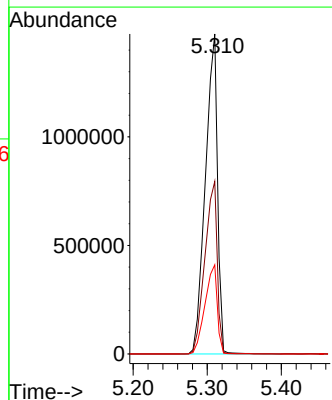
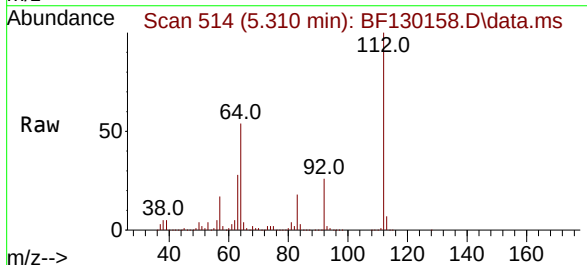
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

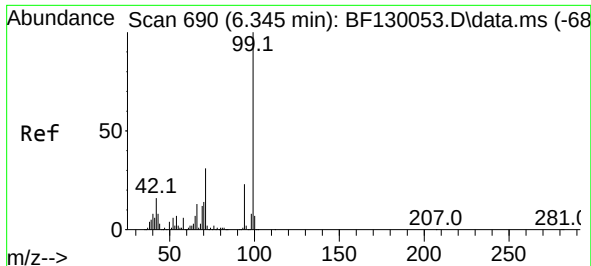
Tgt Ion:152 Resp: 186270  
Ion Ratio Lower Upper  
152 100  
150 154.3 126.9 190.3  
115 58.5 53.4 80.0



#5  
2-Fluorophenol  
Concen: 153.584 ng  
RT: 5.310 min Scan# 514  
Delta R.T. 0.012 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

Tgt Ion:112 Resp: 1685160  
Ion Ratio Lower Upper  
112 100  
64 53.9 47.6 71.4  
63 27.9 24.6 37.0

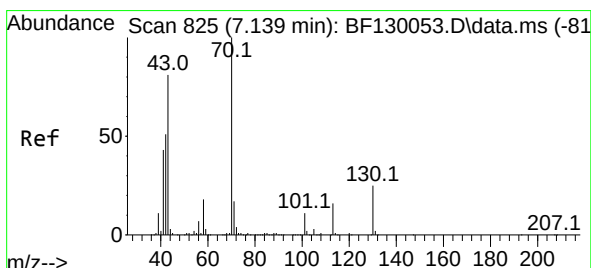
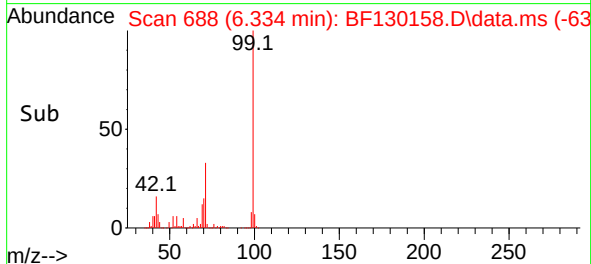
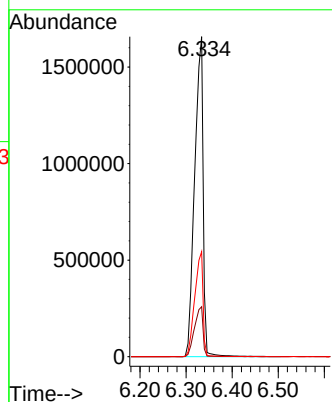
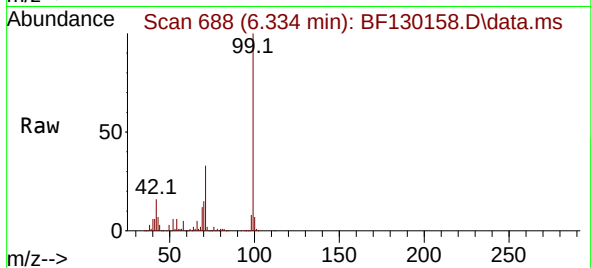




#7  
Phenol-d6  
Concen: 154.019 ng  
RT: 6.334 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

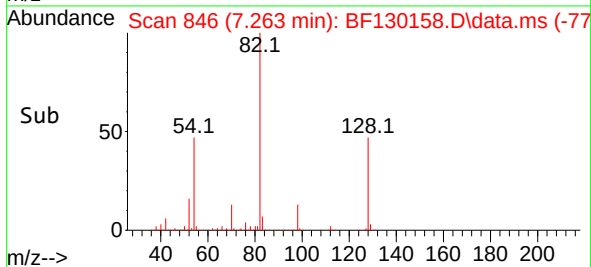
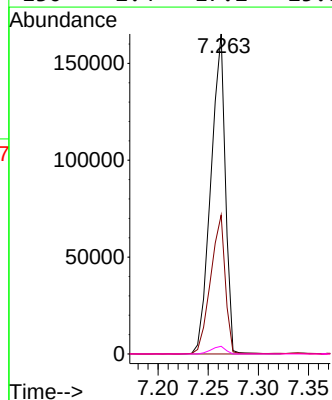
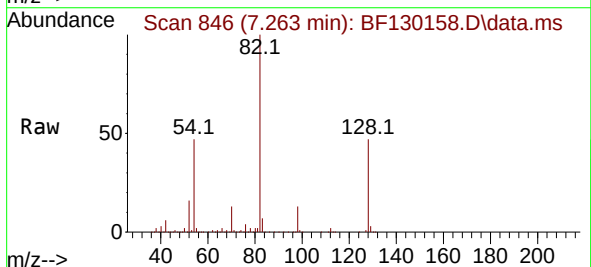
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

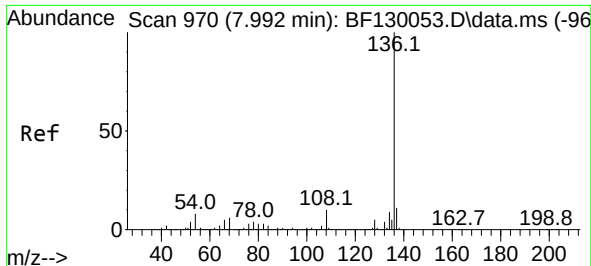
Tgt Ion: 99 Resp: 2106859  
Ion Ratio Lower Upper  
99 100  
42 15.6 15.0 22.4  
71 32.8 28.8 43.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.207 ng  
RT: 7.263 min Scan# 846  
Delta R.T. 0.135 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

Tgt Ion: 70 Resp: 166521  
Ion Ratio Lower Upper  
70 100  
42 43.4 47.6 71.4#  
101 0.0 8.1 12.1#  
130 2.4 17.2 25.8#



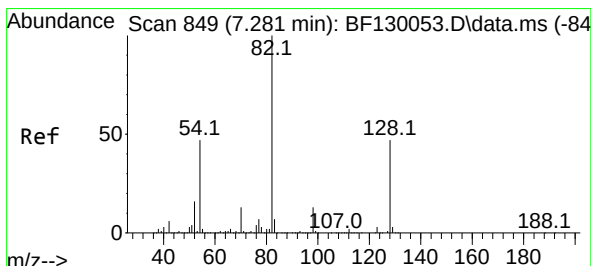
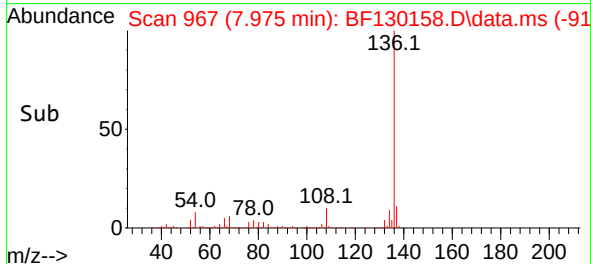
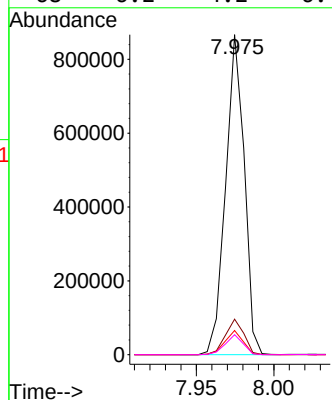
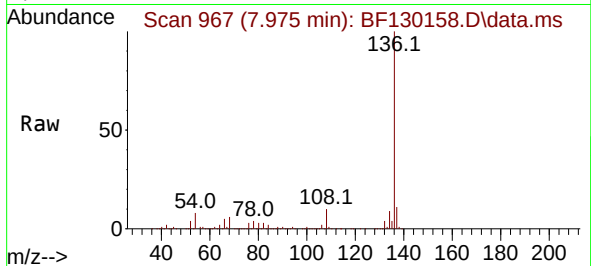


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.975 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

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

Tgt Ion:136 Resp: 723585

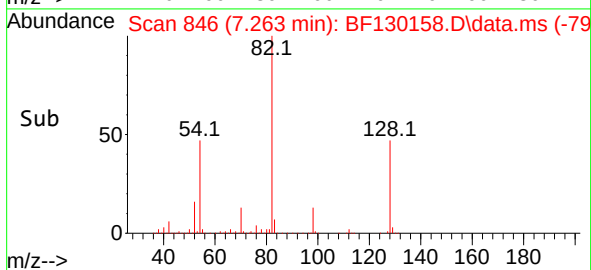
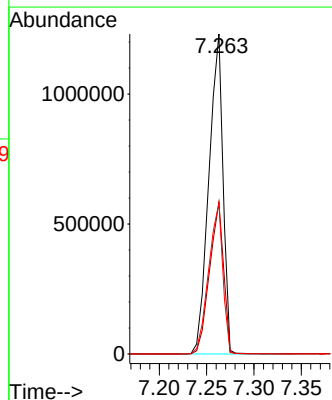
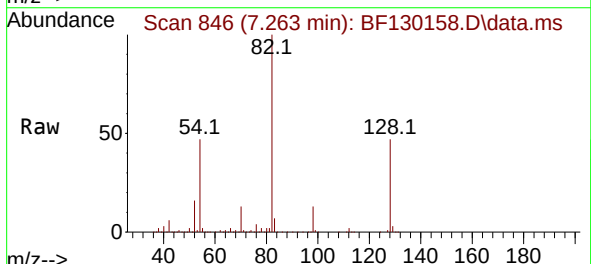
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.4   | 12.6  |
| 54  | 7.5   | 6.2   | 9.2   |
| 68  | 6.2   | 4.2   | 6.4   |

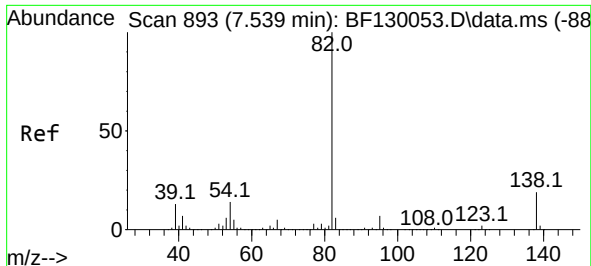


#23  
Nitrobenzene-d5  
Concen: 113.354 ng  
RT: 7.263 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

Tgt Ion: 82 Resp: 1276276

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.4  | 36.1  | 54.1  |
| 54  | 47.3  | 40.0  | 60.0  |

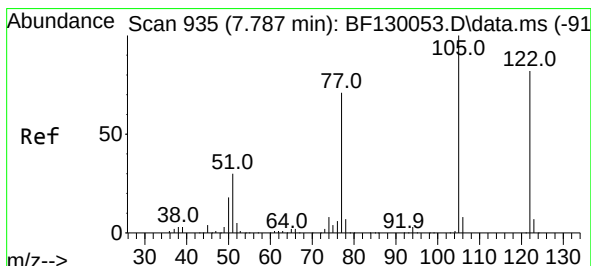
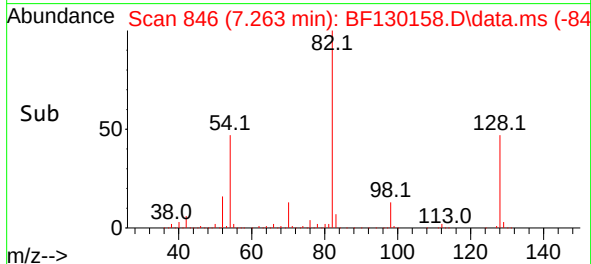
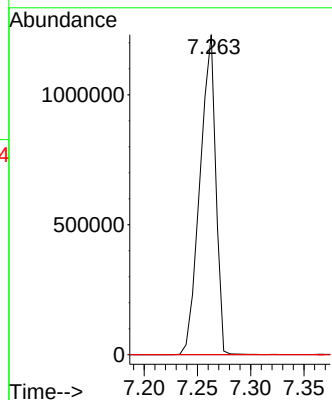
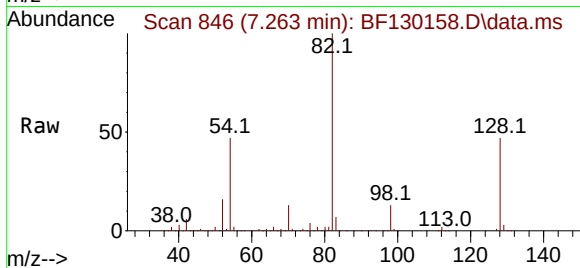




#25  
Isophorone  
Concen: 55.822 ng  
RT: 7.263 min Scan# 84  
Delta R.T. -0.265 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

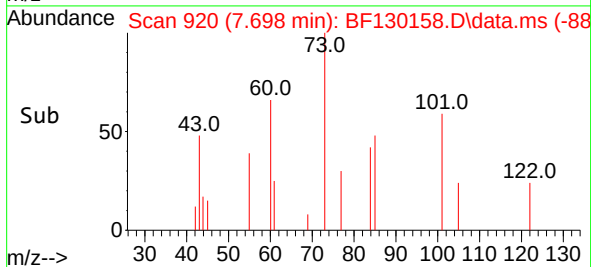
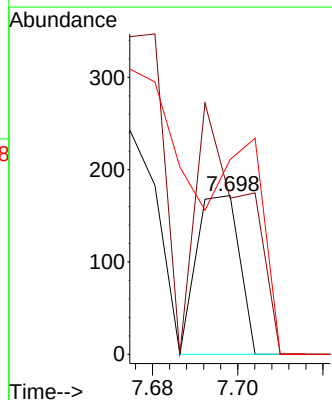
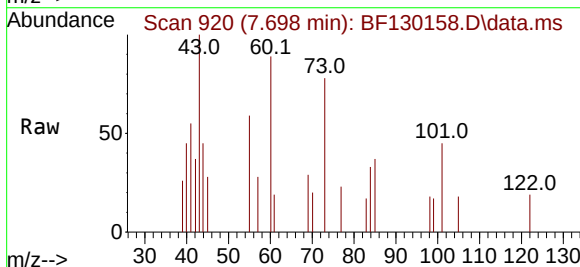
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ClientSampleId :  
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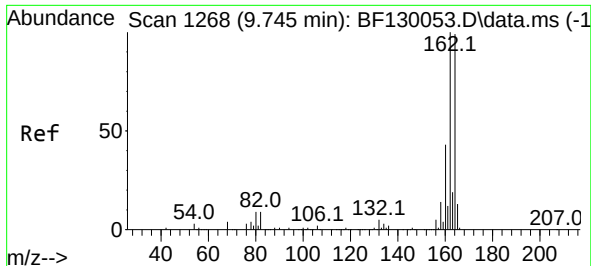
Tgt Ion: 82 Resp: 1272114  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.9 8.9#  
138 0.0 14.6 21.8#



#32  
Benzoic acid  
Concen: 6.585 ng  
RT: 7.698 min Scan# 920  
Delta R.T. -0.071 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

Tgt Ion: 122 Resp: 120  
Ion Ratio Lower Upper  
122 100  
105 98.3 99.9 139.9#  
77 122.7 65.9 105.9#

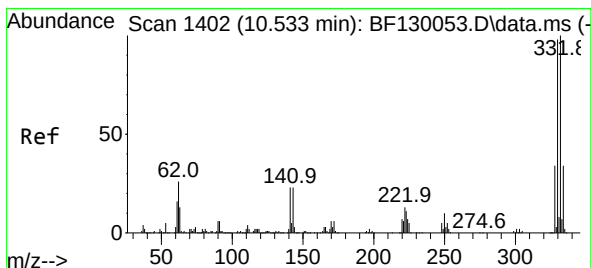
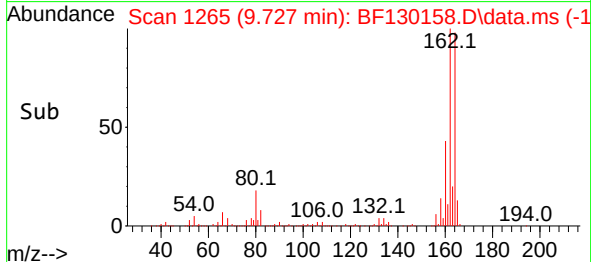
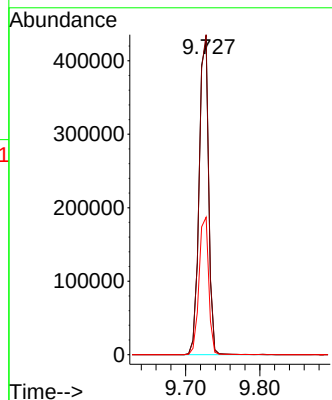
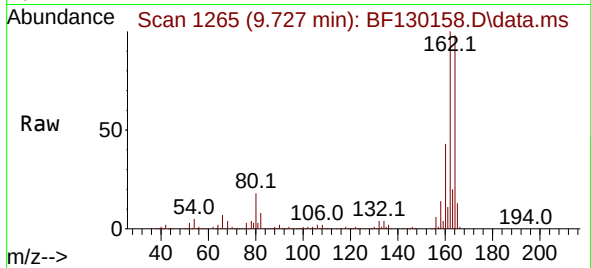




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.727 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

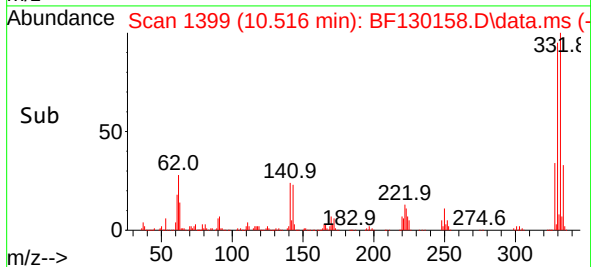
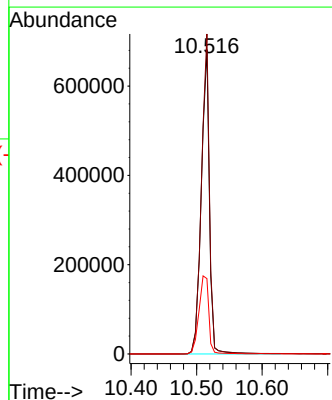
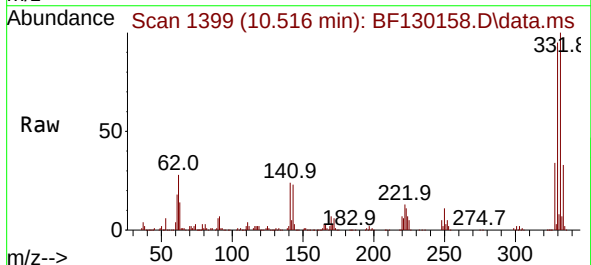
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

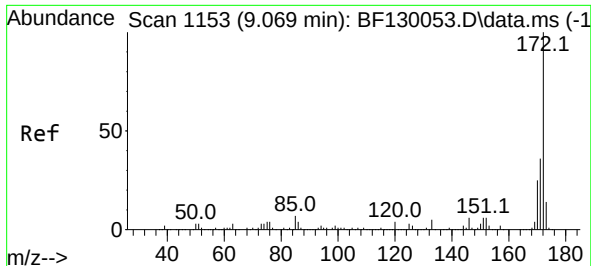
Tgt Ion:164 Resp: 380680  
Ion Ratio Lower Upper  
164 100  
162 102.1 82.0 123.0  
160 43.9 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 170.799 ng  
RT: 10.516 min Scan# 1399  
Delta R.T. -0.006 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

Tgt Ion:330 Resp: 591860  
Ion Ratio Lower Upper  
330 100  
332 103.4 82.6 124.0  
141 30.9 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 97.948 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130158.D

Acq: 07 Sep 2022 12:56

Instrument :

BNA\_F

ClientSampleId :

SB-05-COMP

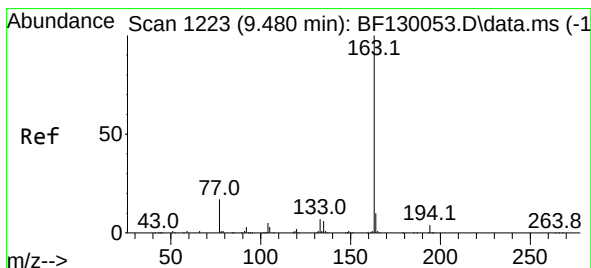
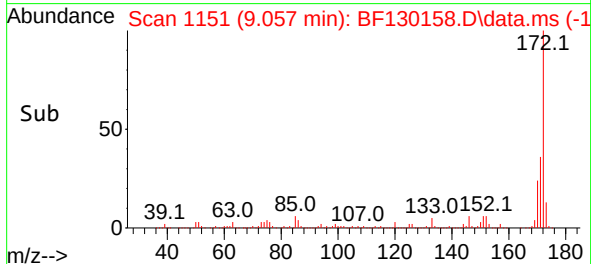
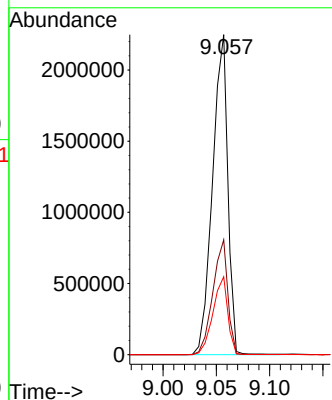
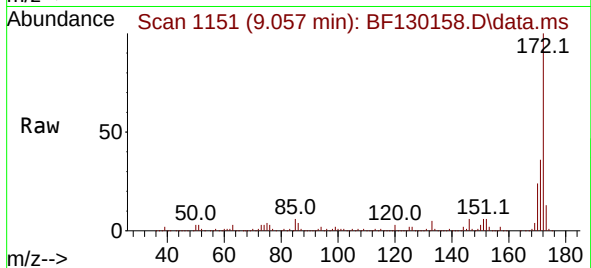
Tgt Ion:172 Resp: 2248972

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.4 19.1 28.7



#50

Dimethylphthalate

Concen: 3.560 ng

RT: 9.727 min Scan# 1265

Delta R.T. 0.259 min

Lab File: BF130158.D

Acq: 07 Sep 2022 12:56

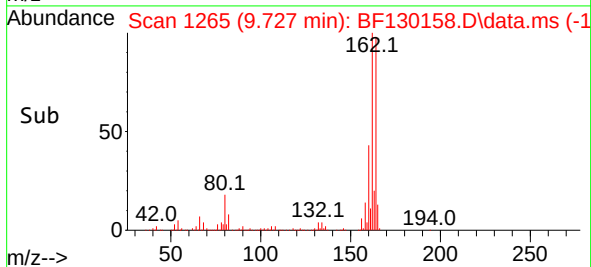
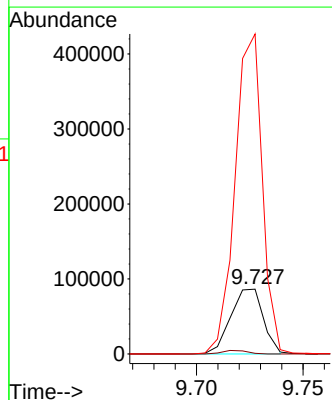
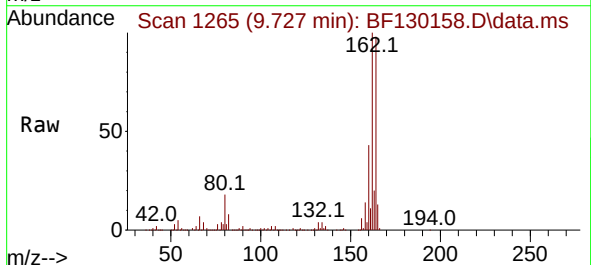
Tgt Ion:163 Resp: 92312

Ion Ratio Lower Upper

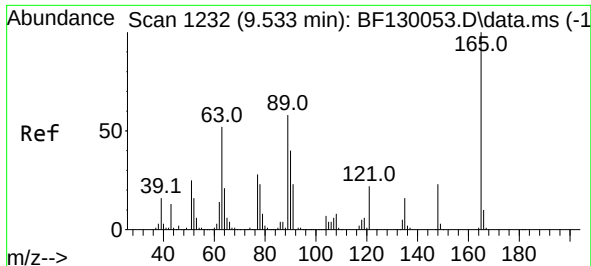
163 100

194 1.0 3.3 4.9#

164 493.5 8.2 12.2#







#51

2,6-Dinitrotoluene

Concen: 9.777 ng

RT: 9.727 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF130158.D

Acq: 07 Sep 2022 12:56

Instrument :

BNA\_F

ClientSampleId :

SB-05-COMP

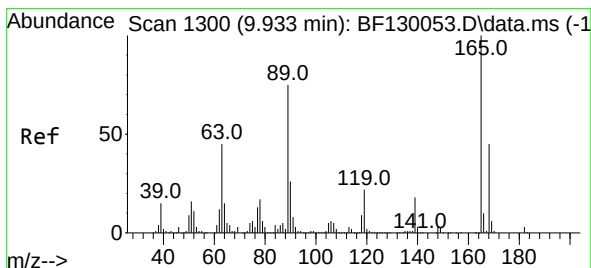
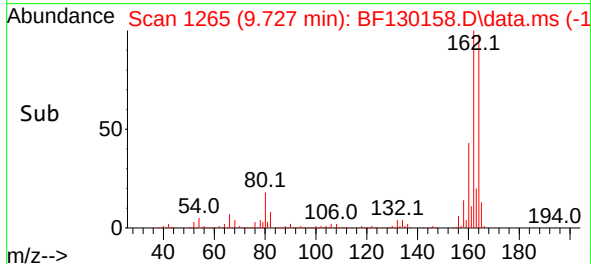
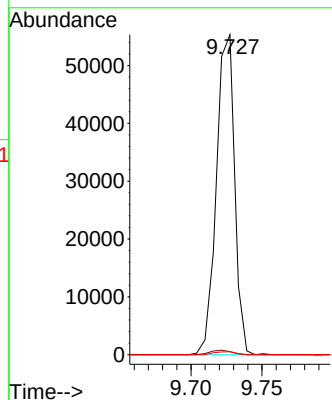
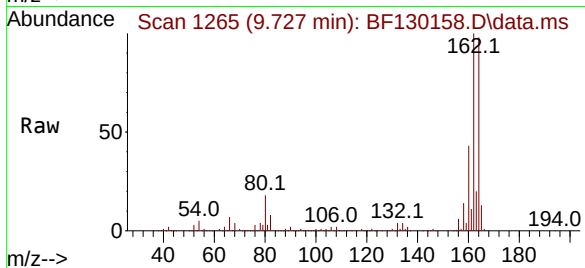
Tgt Ion:165 Resp: 49427

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 0.9 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.492 ng

RT: 9.727 min Scan# 1265

Delta R.T. -0.194 min

Lab File: BF130158.D

Acq: 07 Sep 2022 12:56

Tgt Ion:165 Resp: 49427

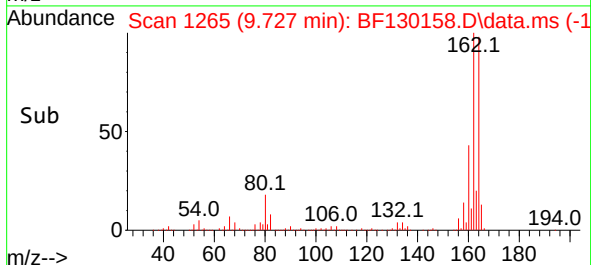
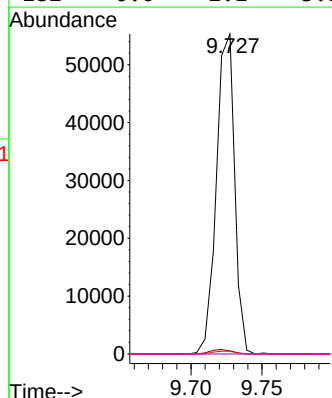
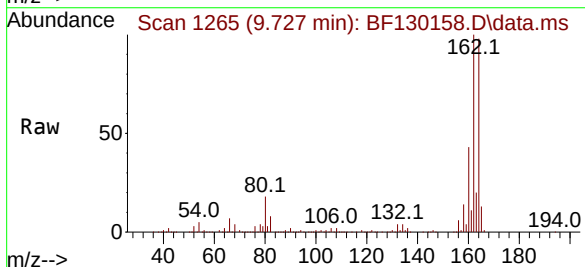
Ion Ratio Lower Upper

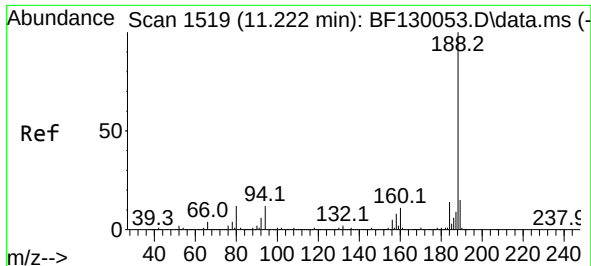
165 100

63 1.0 48.4 72.6#

89 0.9 62.3 93.5#

182 0.0 2.1 3.1#

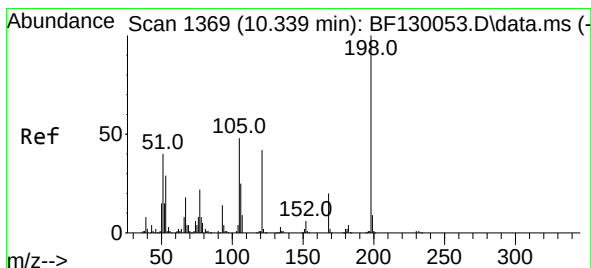
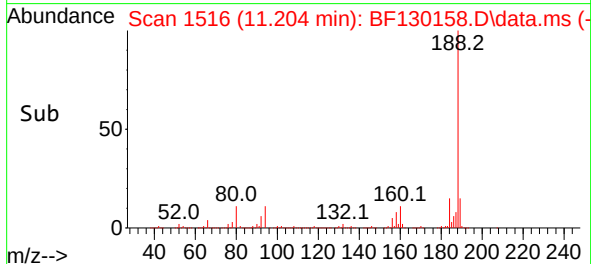
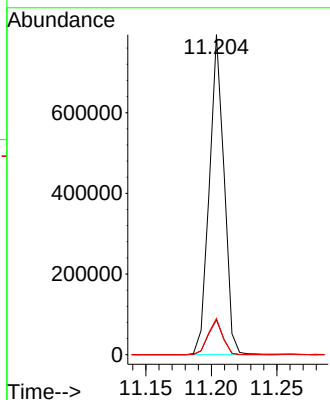
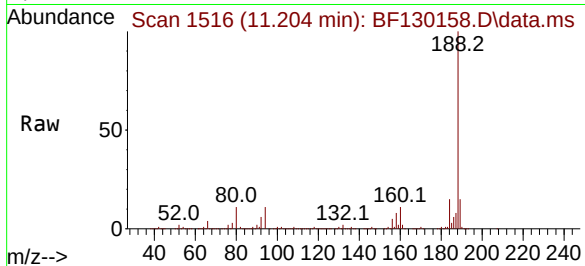




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.204 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

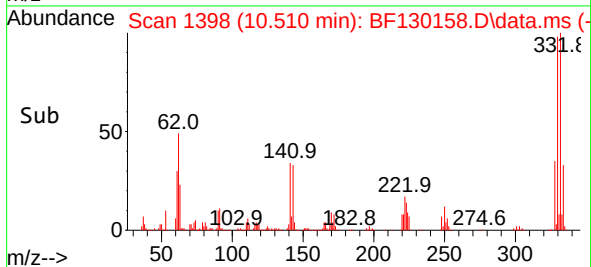
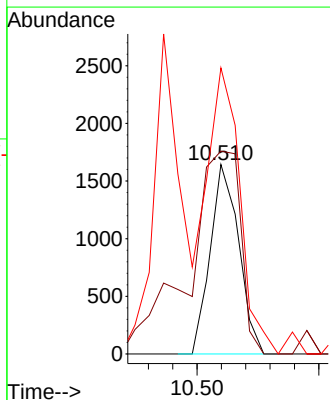
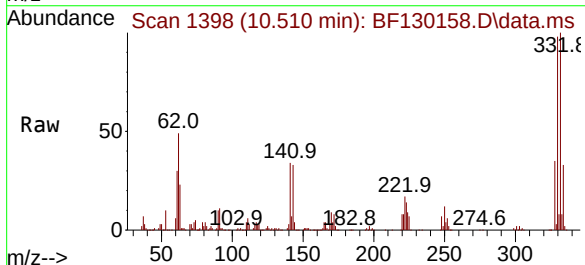
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

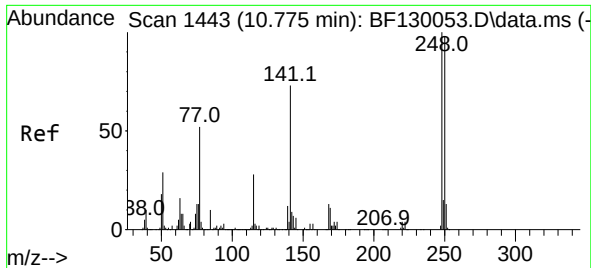
Tgt Ion:188 Resp: 622503  
Ion Ratio Lower Upper  
188 100  
94 10.9 7.4 11.2  
80 11.3 7.9 11.9



#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.479 ng  
RT: 10.510 min Scan# 1398  
Delta R.T. 0.182 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

Tgt Ion:198 Resp: 1337  
Ion Ratio Lower Upper  
198 100  
51 107.1 29.4 69.4#  
105 151.0 29.2 69.2#

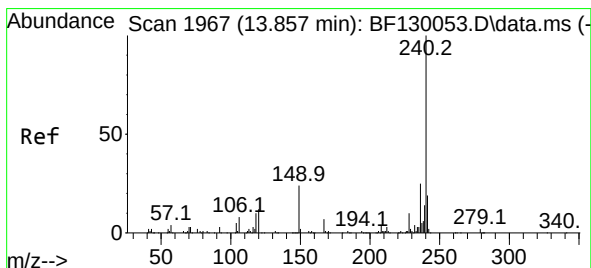
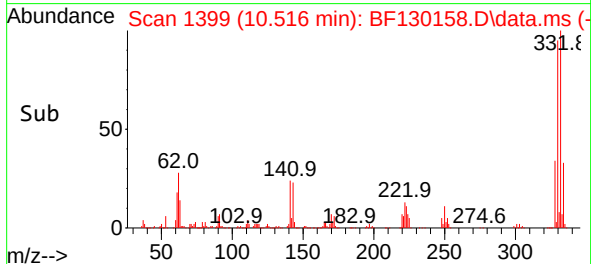
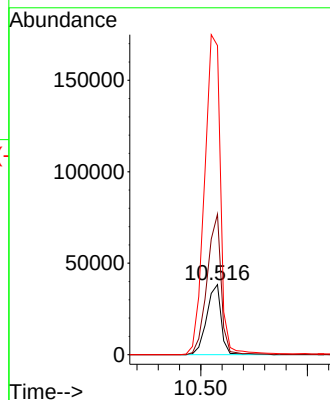
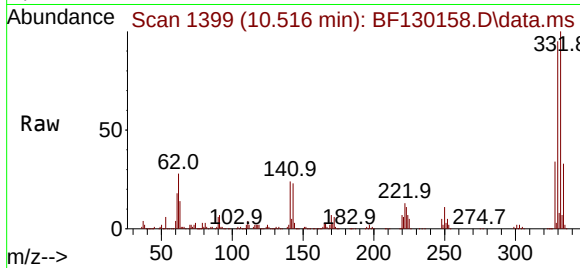




#67  
4-Bromophenyl-phenylether  
Concen: 5.223 ng  
RT: 10.516 min Scan# 11  
Delta R.T. -0.247 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

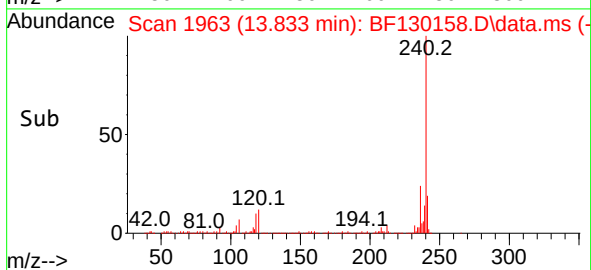
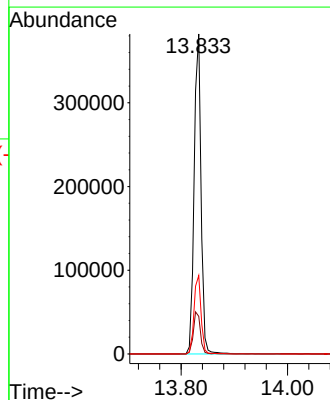
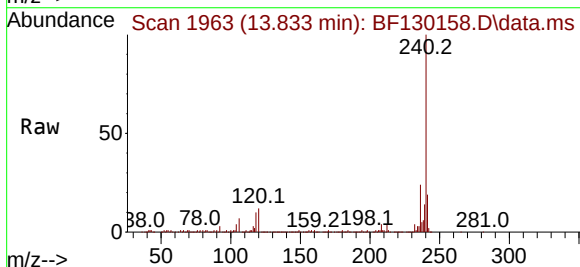
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

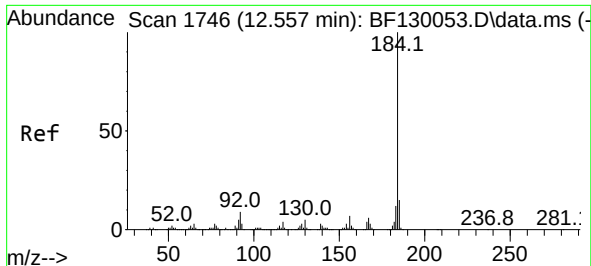
Tgt Ion:248 Resp: 36166  
Ion Ratio Lower Upper  
248 100  
250 200.3 77.8 116.6#  
141 440.7 66.2 99.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.833 min Scan# 1963  
Delta R.T. -0.012 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

Tgt Ion:240 Resp: 345164  
Ion Ratio Lower Upper  
240 100  
120 11.7 9.2 13.8  
236 24.5 20.7 31.1

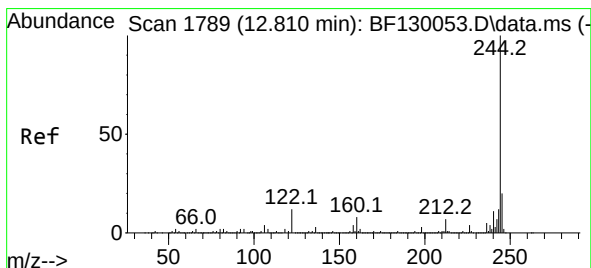
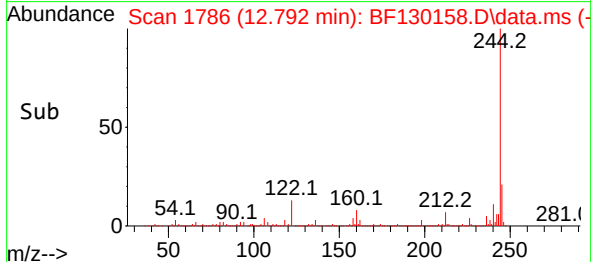
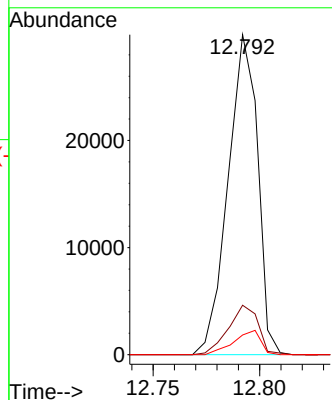
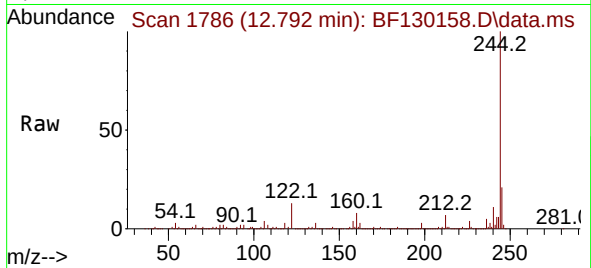




#77  
Benzidine  
Concen: 3.101 ng  
RT: 12.792 min Scan# 1786  
Delta R.T. 0.247 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

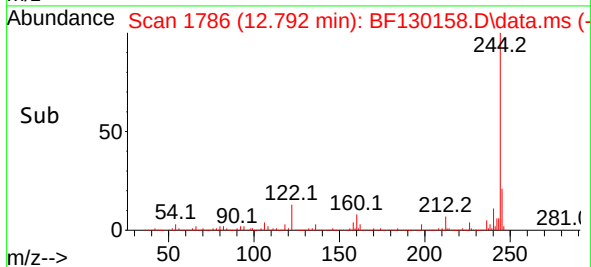
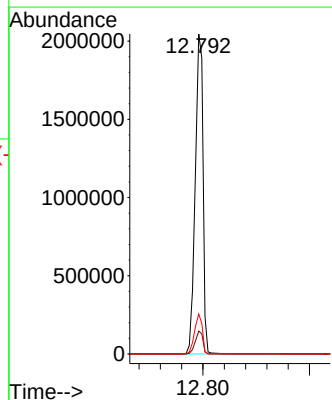
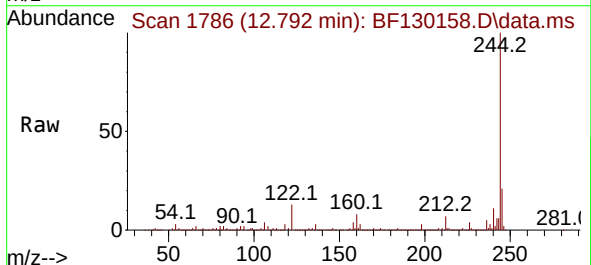
Instrument :  
BNA\_F  
ClientSampleId :  
SB-05-COMP

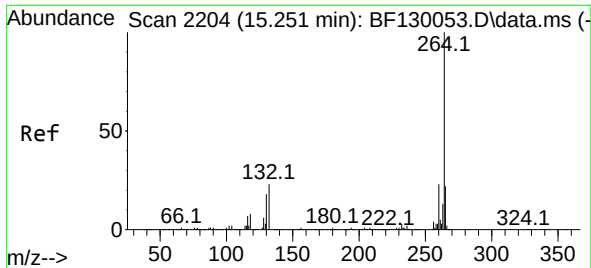
Tgt Ion:184 Resp: 28895  
Ion Ratio Lower Upper  
184 100  
185 15.5 11.4 17.2  
183 6.2 9.4 14.2#



#79  
Terphenyl-d14  
Concen: 104.345 ng  
RT: 12.792 min Scan# 1786  
Delta R.T. -0.006 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

Tgt Ion:244 Resp: 2076912  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 12.5 9.9 14.9





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.233 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF130158.D  
Acq: 07 Sep 2022 12:56

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

Tgt Ion:264 Resp: 345764  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.1 28.7  
265 22.2 16.7 25.1

