

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021422\  
 Data File : BF126871.D  
 Acq On : 14 Feb 2022 15:18  
 Operator : CG\JU  
 Sample : N1477-08  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20220072-104-21-SITE-WATER

Quant Time: Feb 15 00:59:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 10 00:44:00 2022  
 Response via : Initial Calibration

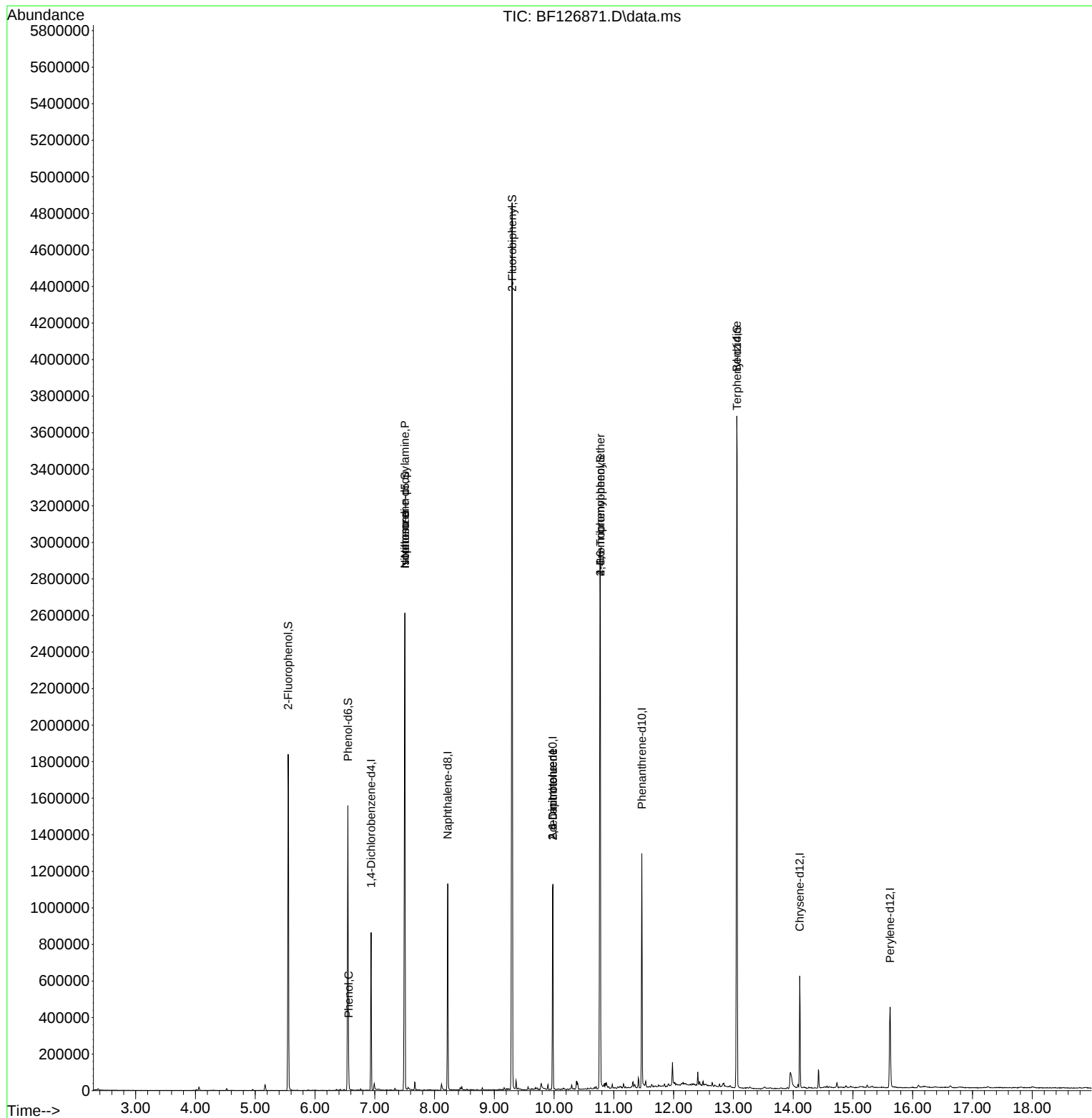
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.939  | 152  | 104404   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.222  | 136  | 430151   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.980  | 164  | 221275   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.469 | 188  | 395973   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.110 | 240  | 184377   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.621 | 264  | 188598   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.551  | 112  | 460095   | 67.851  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.551  | 99   | 440197   | 48.087  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.504  | 82   | 883427   | 94.760  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.775 | 330  | 364552   | 153.675 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.298  | 172  | 1392994  | 94.762  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.063 | 244  | 1300089  | 101.085 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 10) Phenol                    | 6.563  | 94   | 19075    | 2.067   | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 7.504  | 70   | 121067   | 20.884  | ng    | # 78     |
| 25) Isophorone                | 7.504  | 82   | 883417   | 56.559  | ng    | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.980  | 165  | 28988    | 9.144   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.980  | 165  | 28988    | 6.916   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.775 | 248  | 21700    | 5.043   | ng    | # 1      |
| 77) Benzidine                 | 13.057 | 184  | 20187    | 4.161   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

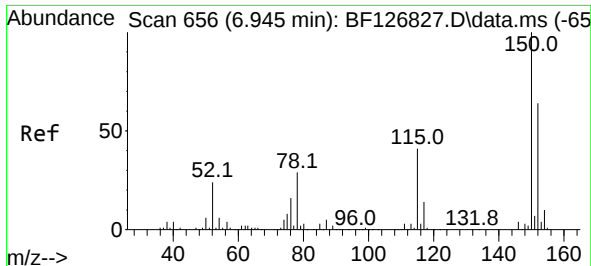
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021422\  
Data File : BF126871.D  
Acq On : 14 Feb 2022 15:18  
Operator : CG\JU  
Sample : N1477-08  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20220072-104-21-SITE-WATER

Quant Time: Feb 15 00:59:22 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 10 00:44:00 2022  
Response via : Initial Calibration

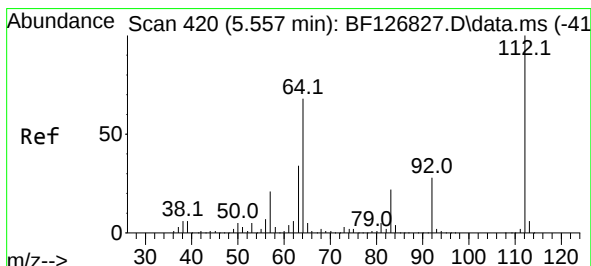
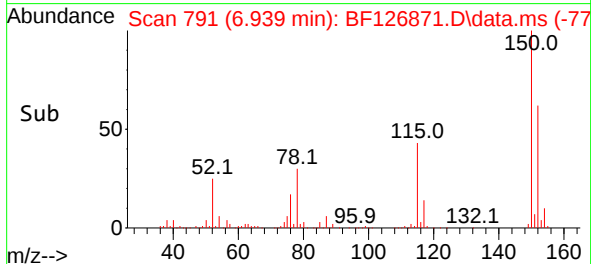
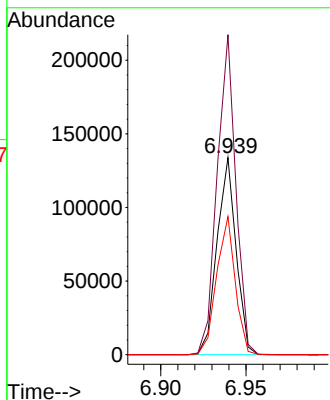
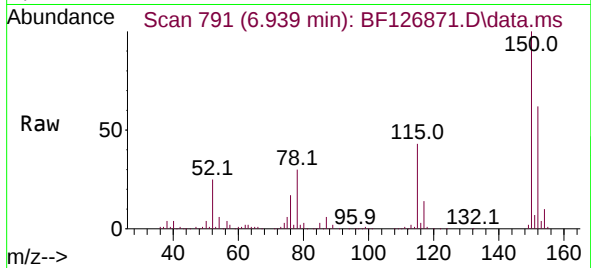




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.939 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

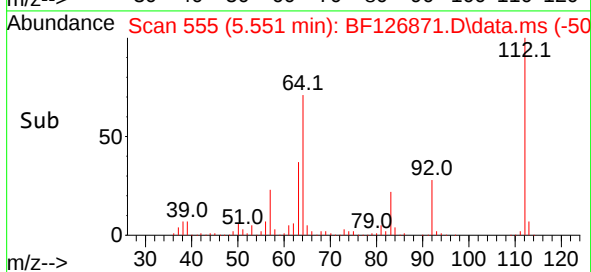
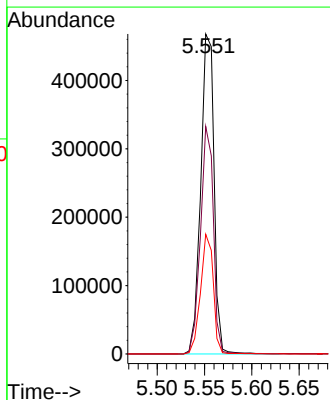
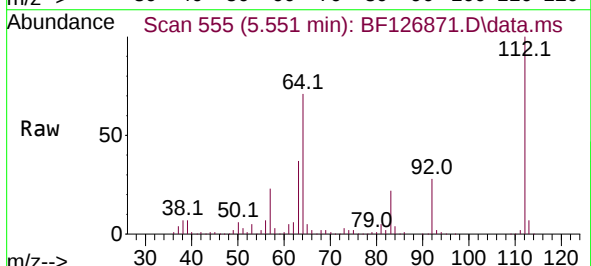
Instrument :  
BNA\_F  
ClientSampleId :  
20220072-104-21-SITE-WATER

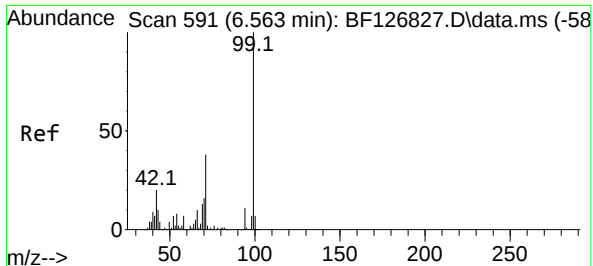
Tgt Ion:152 Resp: 104404  
Ion Ratio Lower Upper  
152 100  
150 162.4 124.3 186.5  
115 70.0 50.5 75.7



#5  
2-Fluorophenol  
Concen: 67.851 ng  
RT: 5.551 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

Tgt Ion:112 Resp: 460095  
Ion Ratio Lower Upper  
112 100  
64 71.1 54.3 81.5  
63 37.4 27.5 41.3

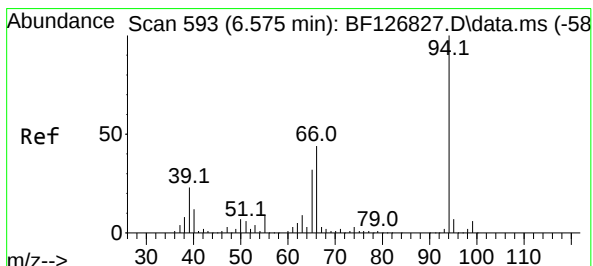
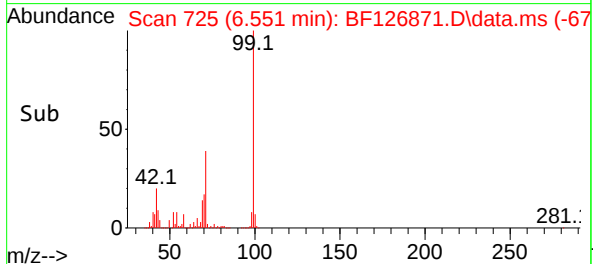
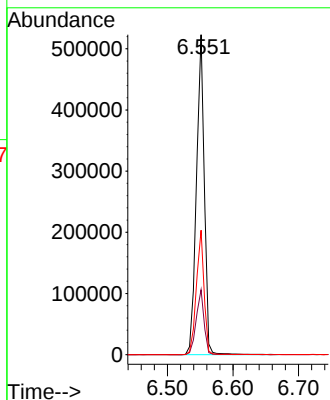
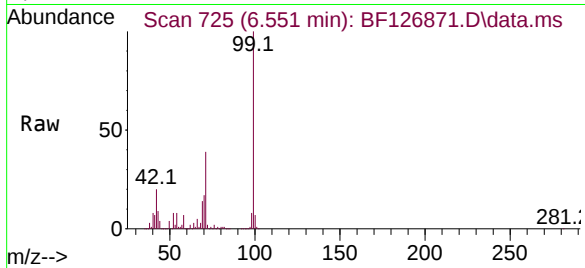




#7  
Phenol-d6  
Concen: 48.087 ng  
RT: 6.551 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

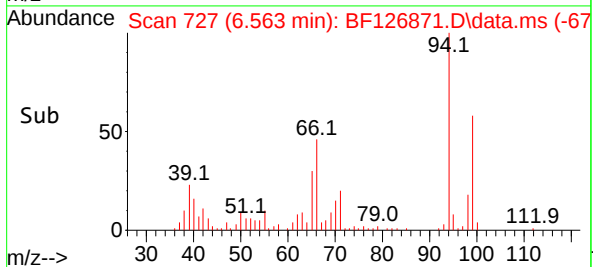
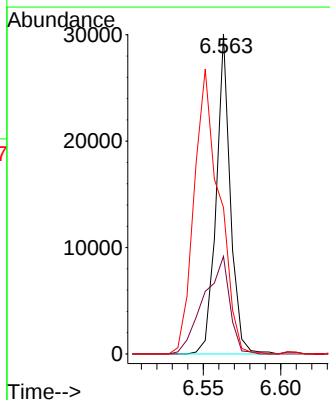
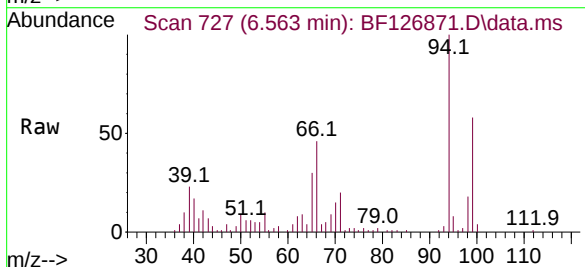
Instrument :  
BNA\_F  
ClientSampleId :  
20220072-104-21-SITE-WATER

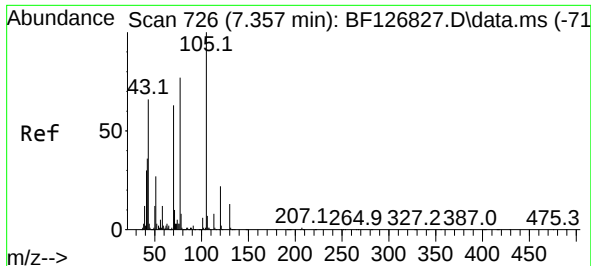
Tgt Ion: 99 Resp: 440197  
Ion Ratio Lower Upper  
99 100  
42 20.3 15.8 23.6  
71 38.9 30.6 45.8



#10  
Phenol  
Concen: 2.067 ng  
RT: 6.563 min Scan# 727  
Delta R.T. -0.012 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

Tgt Ion: 94 Resp: 19075  
Ion Ratio Lower Upper  
94 100  
65 30.5 12.1 52.1  
66 45.7 23.6 63.6



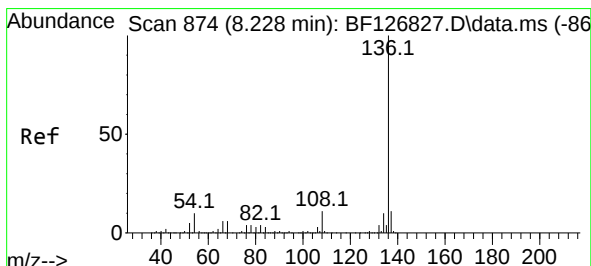
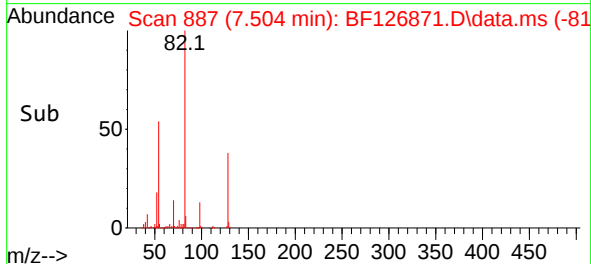
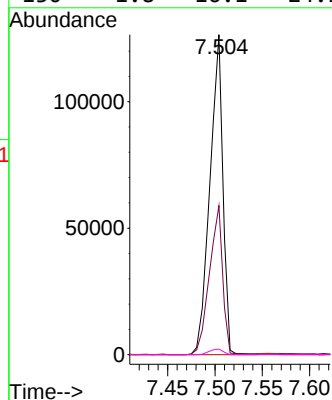
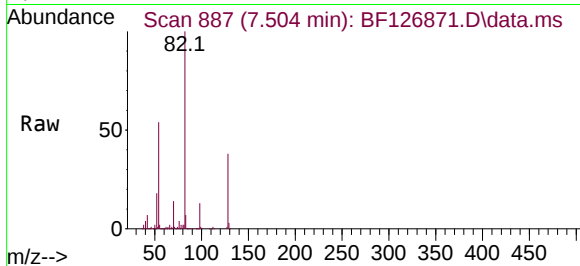


#19  
n-Nitroso-di-n-propylamine  
Concen: 20.884 ng  
RT: 7.504 min Scan# 81  
Delta R.T. 0.147 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

Instrument :  
BNA\_F  
ClientSampleId :  
20220072-104-21-SITE-WATER

Tgt Ion: 70 Resp: 121067

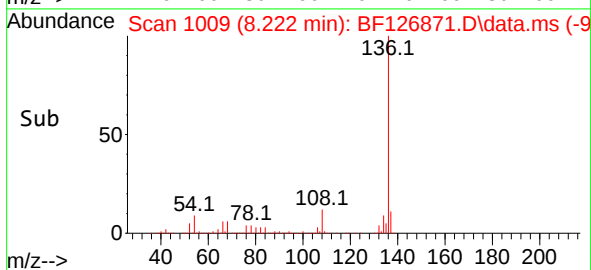
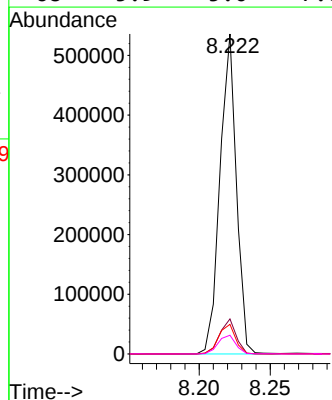
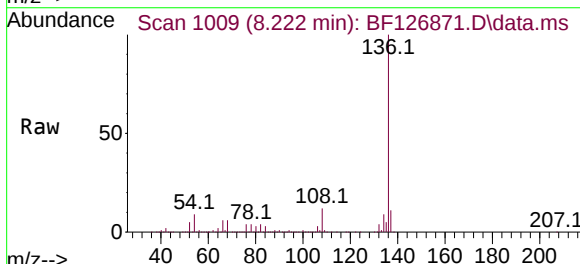
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 46.5  | 46.3  | 69.5  |
| 101 | 0.0   | 7.5   | 11.3# |
| 130 | 1.8   | 16.1  | 24.1# |

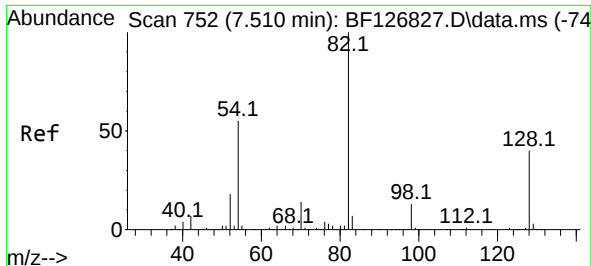


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.222 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

Tgt Ion: 136 Resp: 430151

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 12.8  |
| 54  | 9.3   | 8.0   | 12.0  |
| 68  | 5.9   | 5.0   | 7.6   |

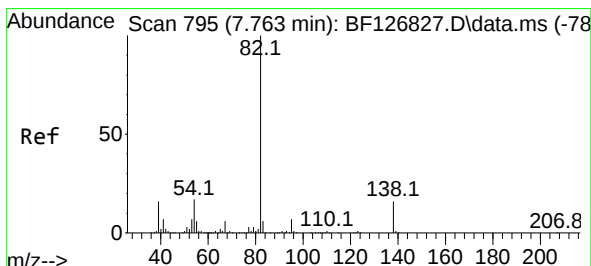
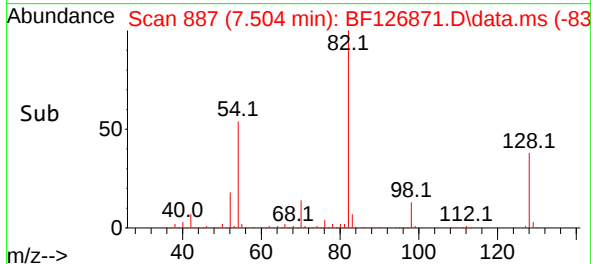
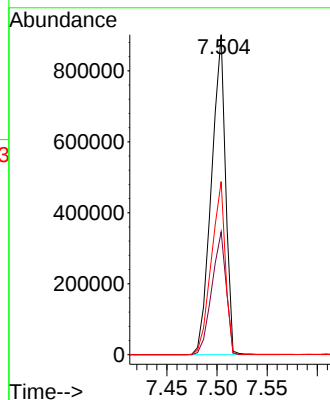
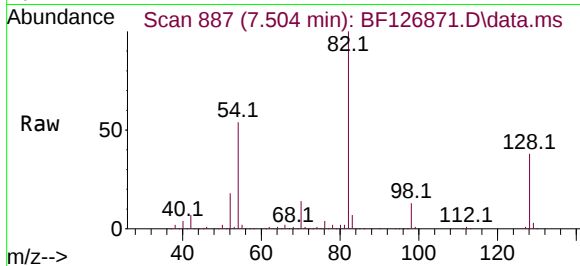




#23  
Nitrobenzene-d5  
Concen: 94.760 ng  
RT: 7.504 min Scan# 887  
Delta R.T. -0.006 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

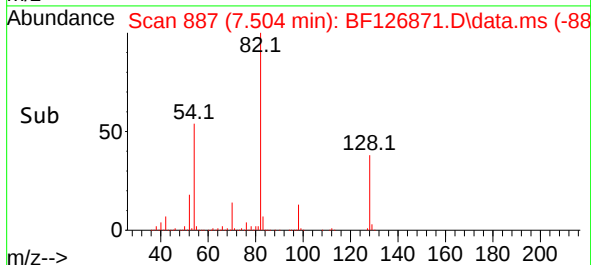
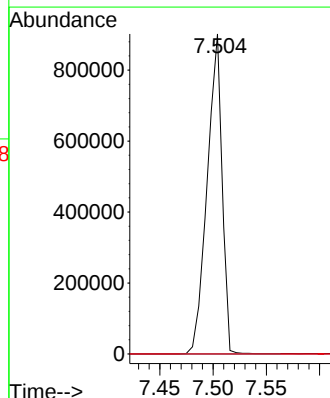
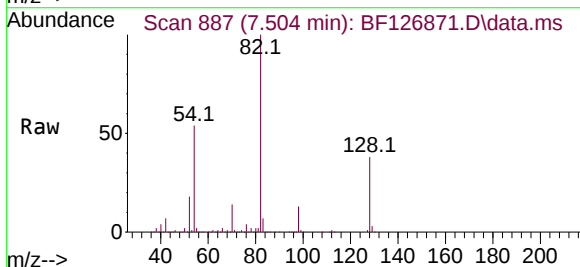
Instrument :  
BNA\_F  
ClientSampleId :  
20220072-104-21-SITE-WATER

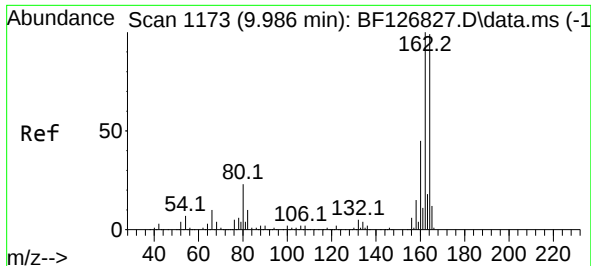
Tgt Ion: 82 Resp: 883427  
Ion Ratio Lower Upper  
82 100  
128 38.4 31.6 47.4  
54 54.1 43.7 65.5



#25  
Isophorone  
Concen: 56.559 ng  
RT: 7.504 min Scan# 887  
Delta R.T. -0.259 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

Tgt Ion: 82 Resp: 883417  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.8#  
138 0.0 12.6 19.0#

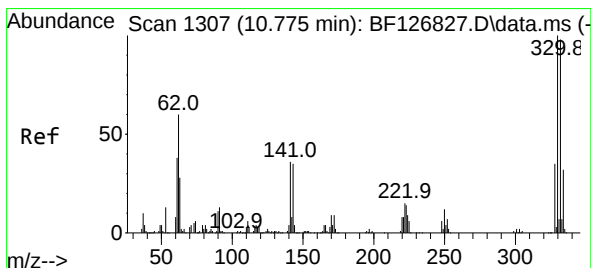
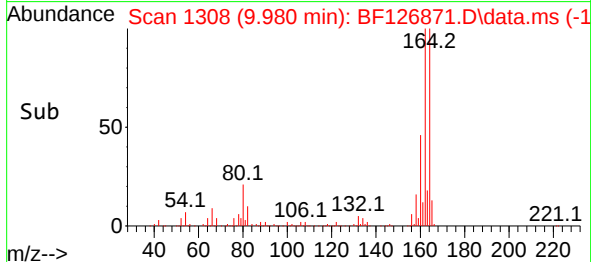
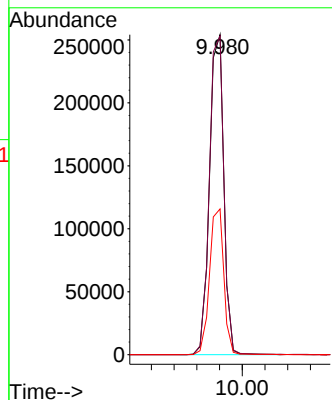
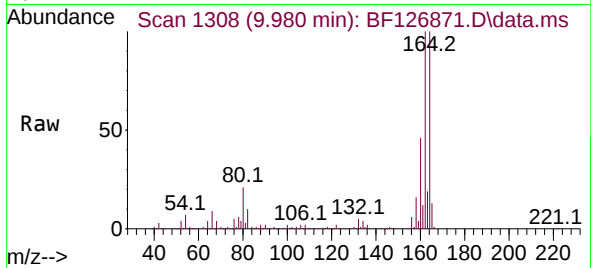




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.980 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

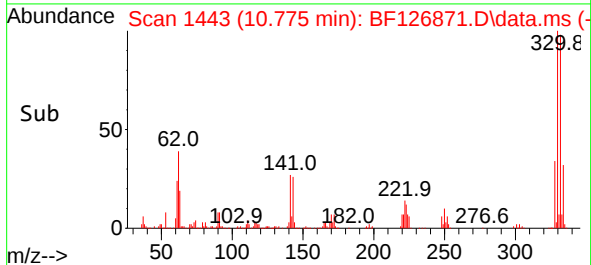
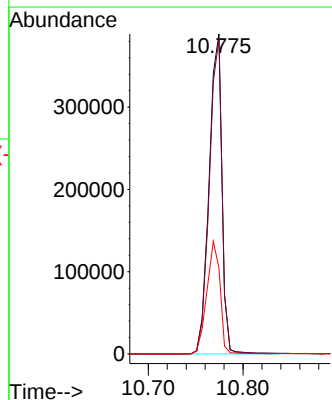
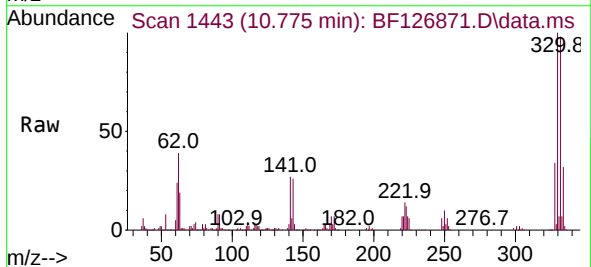
Instrument :  
BNA\_F  
ClientSampleId :  
20220072-104-21-SITE-WATER

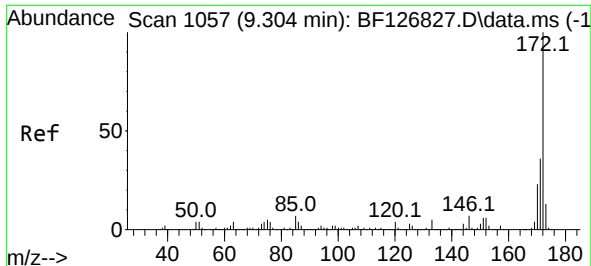
Tgt Ion:164 Resp: 221275  
Ion Ratio Lower Upper  
164 100  
162 99.5 80.9 121.3  
160 45.6 36.0 54.0



#42  
2,4,6-Tribromophenol  
Concen: 153.675 ng  
RT: 10.775 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

Tgt Ion:330 Resp: 364552  
Ion Ratio Lower Upper  
330 100  
332 97.6 78.2 117.4  
141 36.4 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 94.762 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126871.D

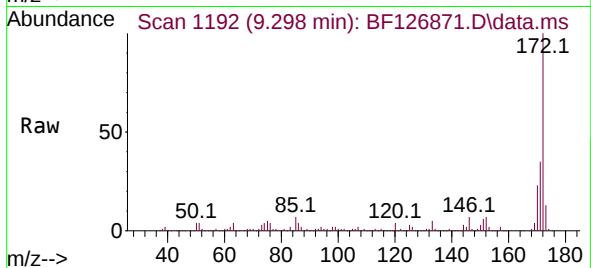
Acq: 14 Feb 2022 15:18

Instrument :

BNA\_F

ClientSampleId :

20220072-104-21-SITE-WATER



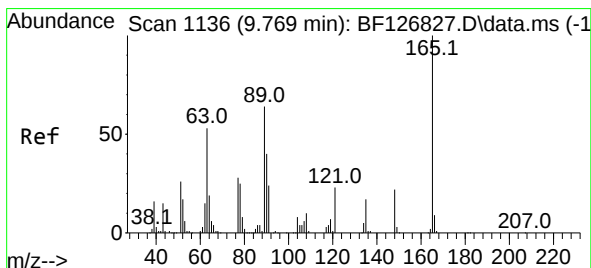
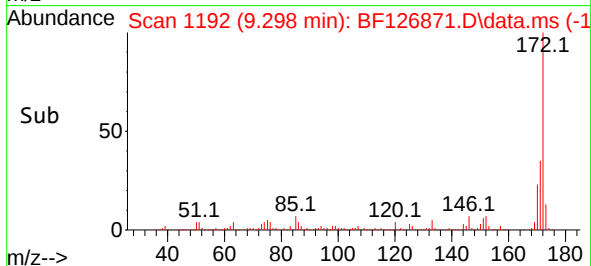
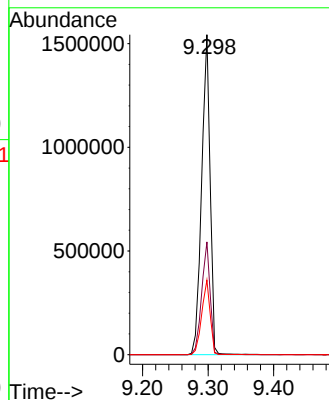
Tgt Ion:172 Resp: 1392994

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.3 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.144 ng

RT: 9.980 min Scan# 1308

Delta R.T. 0.211 min

Lab File: BF126871.D

Acq: 14 Feb 2022 15:18

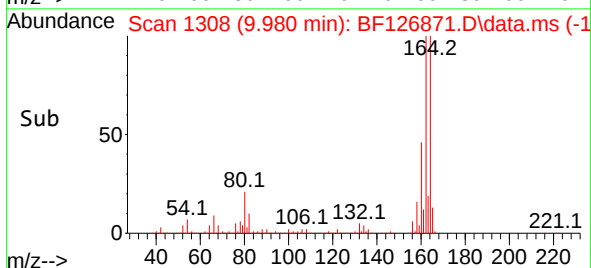
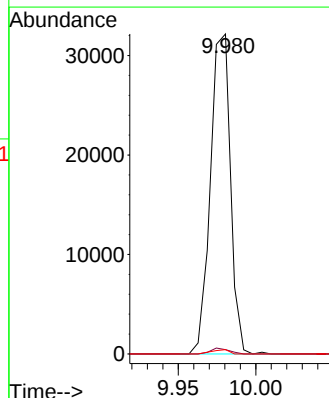
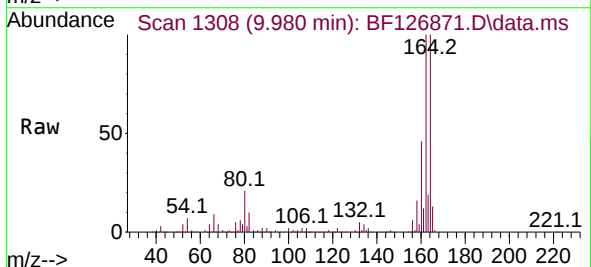
Tgt Ion:165 Resp: 28988

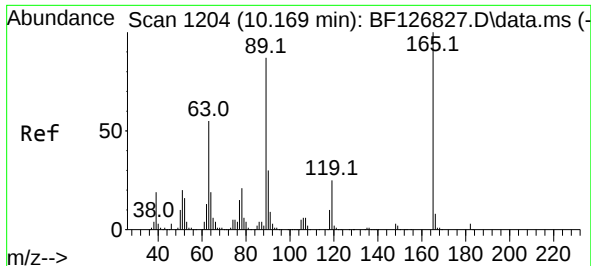
Ion Ratio Lower Upper

165 100

63 1.4 49.9 74.9#

89 1.3 51.0 76.4#

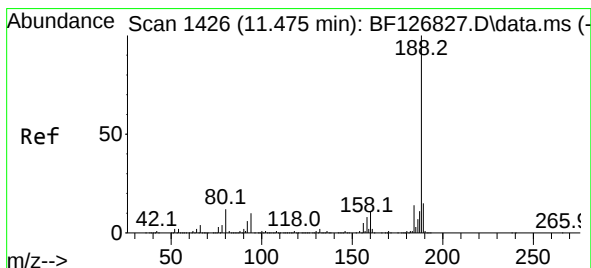
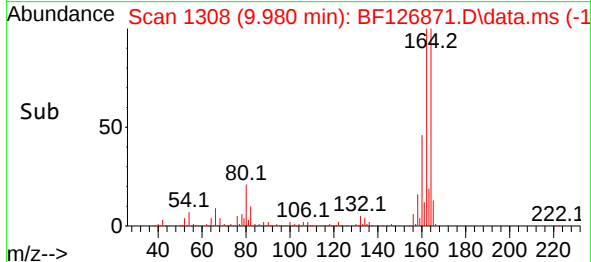
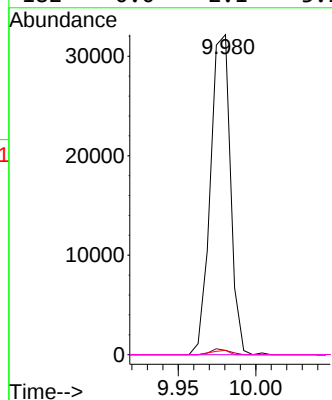
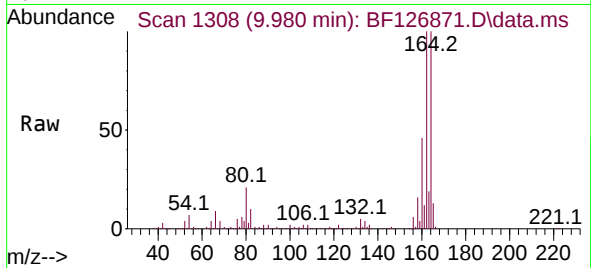




#57  
2,4-Dinitrotoluene  
Concen: 6.916 ng  
RT: 9.980 min Scan# 11  
Delta R.T. -0.188 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

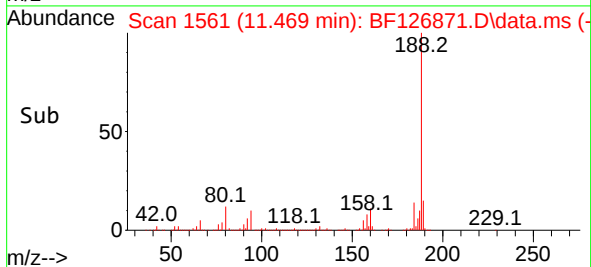
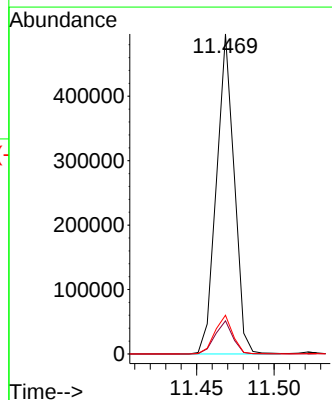
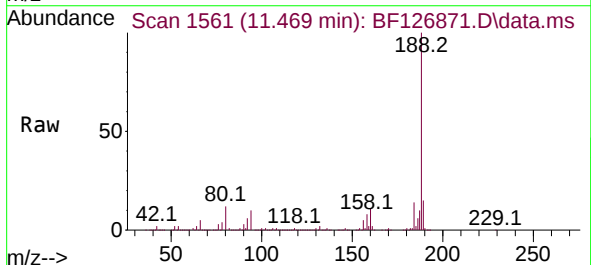
Instrument :  
BNA\_F  
ClientSampleId :  
20220072-104-21-SITE-WATER

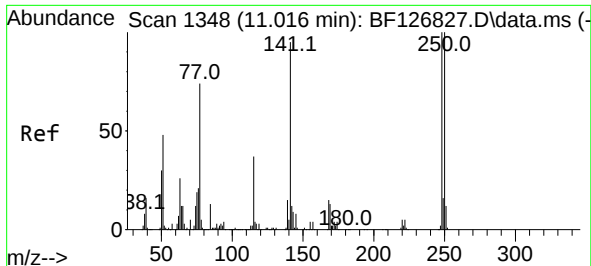
Tgt Ion:165 Resp: 28988  
Ion Ratio Lower Upper  
165 100  
63 1.4 43.9 65.9#  
89 1.3 69.8 104.8#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.469 min Scan# 1561  
Delta R.T. -0.006 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

Tgt Ion:188 Resp: 395973  
Ion Ratio Lower Upper  
188 100  
94 10.4 8.1 12.1  
80 12.1 9.5 14.3

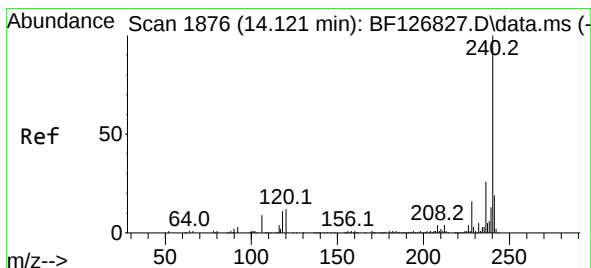
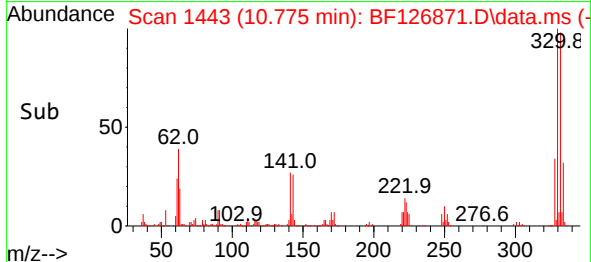
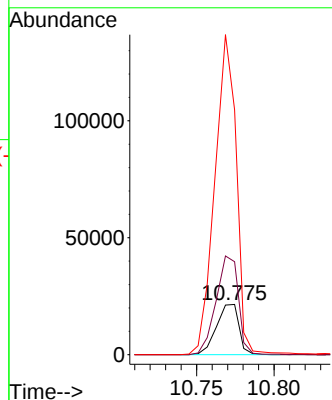
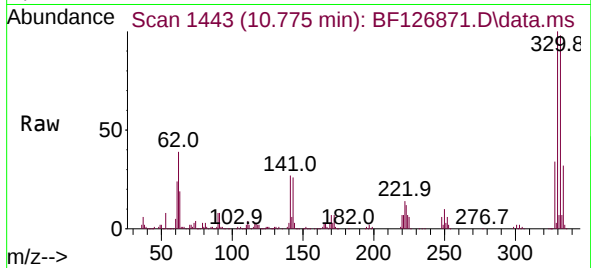




#67  
4-Bromophenyl-phenylether  
Concen: 5.043 ng  
RT: 10.775 min Scan# 1443  
Delta R.T. -0.241 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

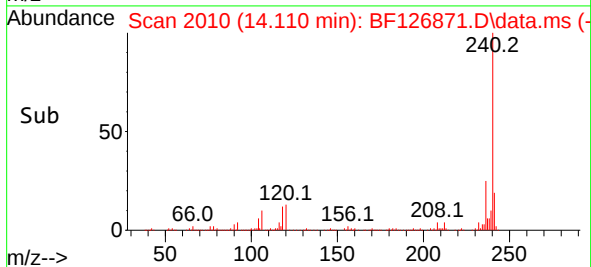
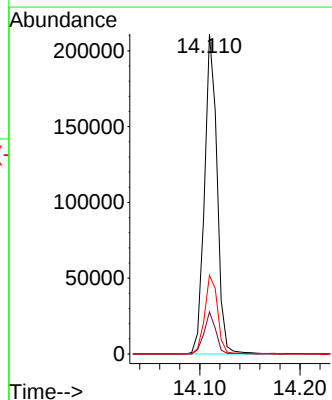
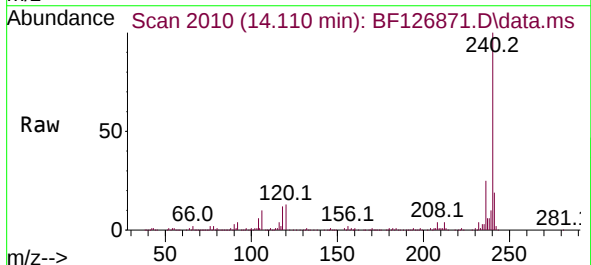
Instrument :  
BNA\_F  
ClientSampleId :  
20220072-104-21-SITE-WATER

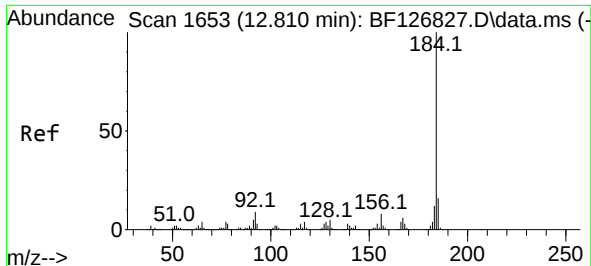
Tgt Ion:248 Resp: 21700  
Ion Ratio Lower Upper  
248 100  
250 185.4 80.0 120.0#  
141 487.9 75.6 113.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.110 min Scan# 2010  
Delta R.T. -0.012 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

Tgt Ion:240 Resp: 184377  
Ion Ratio Lower Upper  
240 100  
120 13.2 9.8 14.6  
236 24.6 20.5 30.7

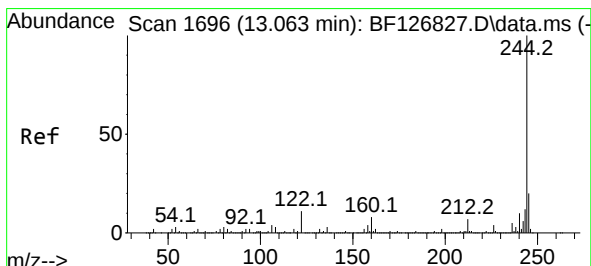
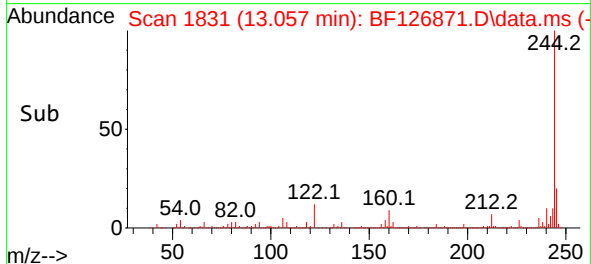
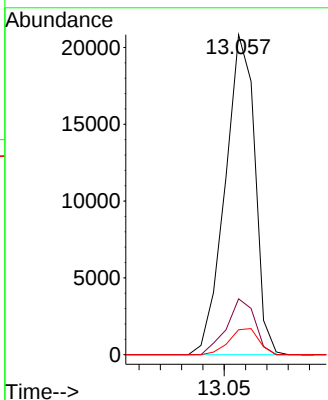
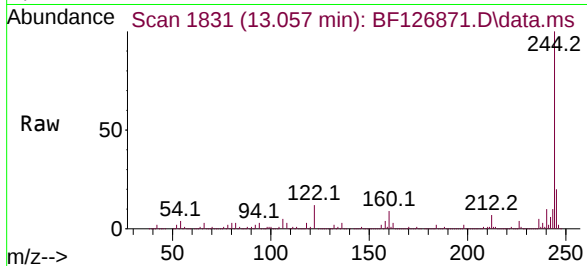




#77  
Benzidine  
Concen: 4.161 ng  
RT: 13.057 min Scan# 1831  
Delta R.T. 0.247 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

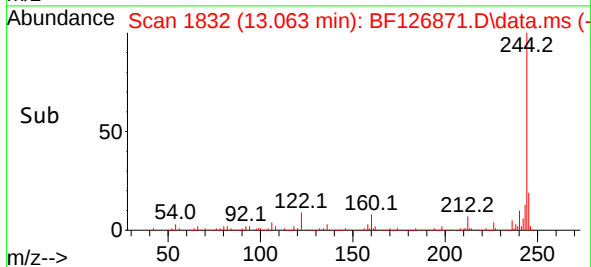
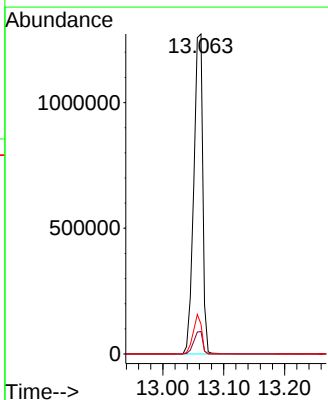
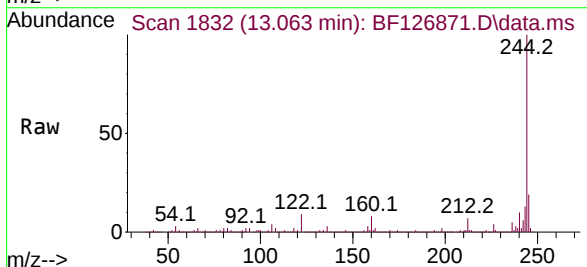
Instrument :  
BNA\_F  
ClientSampleId :  
20220072-104-21-SITE-WATER

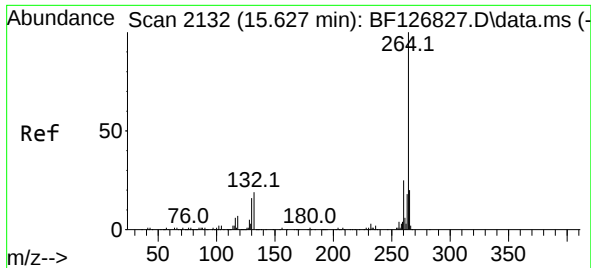
Tgt Ion:184 Resp: 20187  
Ion Ratio Lower Upper  
184 100  
185 17.4 12.5 18.7  
183 7.8 9.6 14.4#



#79  
Terphenyl-d14  
Concen: 101.085 ng  
RT: 13.063 min Scan# 1832  
Delta R.T. -0.000 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

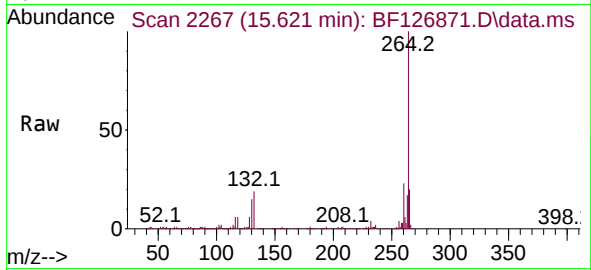
Tgt Ion:244 Resp: 1300089  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.6 8.4  
122 9.3 9.0 13.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.621 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF126871.D  
Acq: 14 Feb 2022 15:18

Instrument :  
BNA\_F  
ClientSampleId :  
20220072-104-21-SITE-WATER



Tgt Ion:264 Resp: 188598  
Ion Ratio Lower Upper  
264 100  
260 22.7 19.6 29.4  
265 20.4 15.9 23.9

