

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010522\  
 Data File : BF126501.D  
 Acq On : 5 Jan 2022 17:36  
 Operator : JU/CG  
 Sample : N1010-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20211309-CAPE-3-SITE-WATER

Quant Time: Jan 06 01:10:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 05 01:57:07 2022  
 Response via : Initial Calibration

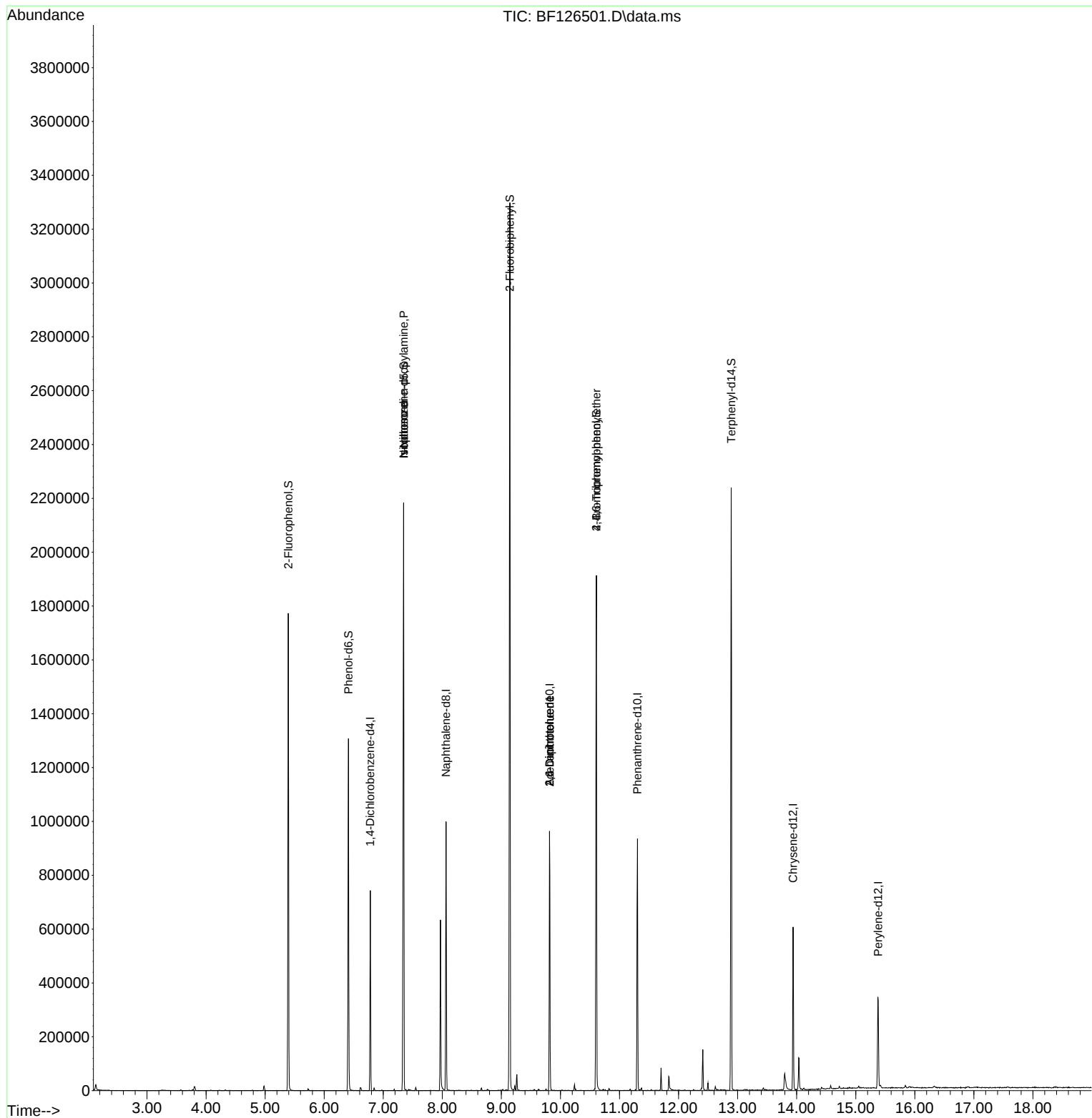
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 97523    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 414532   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.816  | 164  | 193166   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 303241   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 13.939 | 240  | 189852   | 20.000    | ng    | -0.01    |
| 86) Perylene-d12              | 15.380 | 264  | 145586   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.392  | 112  | 484875   | 71.400    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.410  | 99   | 420246   | 47.778    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 750926   | 93.014    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 234091   | 156.826   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 1048485  | 95.516    | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.892 | 244  | 769821   | 78.783    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 94611    | 18.850    | ng    | # 79     |
| 25) Isophorone                | 7.345  | 82   | 750760   | 51.947    | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 24399    | 9.369     | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 24399    | 7.262     | ng    | # 14     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 12508    | 4.647     | ng    | # 1      |
| 77) Benzidine                 | 12.892 | 184  | 9485     | Below Cal |       | 98       |
| -----                         |        |      |          |           |       |          |

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

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Quant Time: Jan 06 01:10:22 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 05 01:57:07 2022  
Response via : Initial Calibration

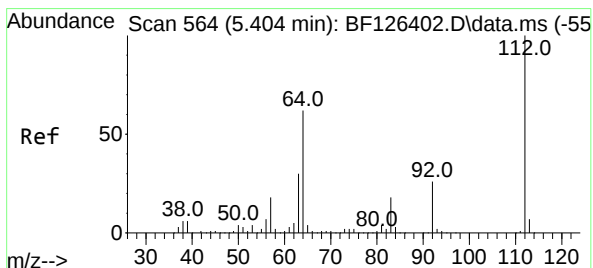
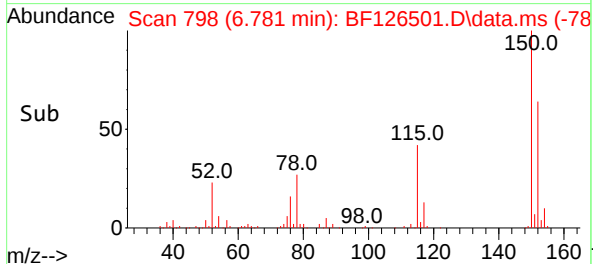
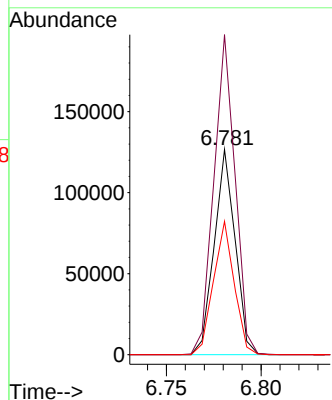
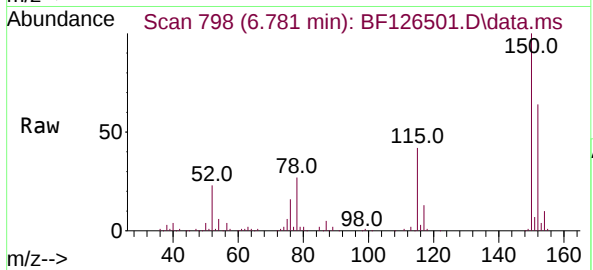




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

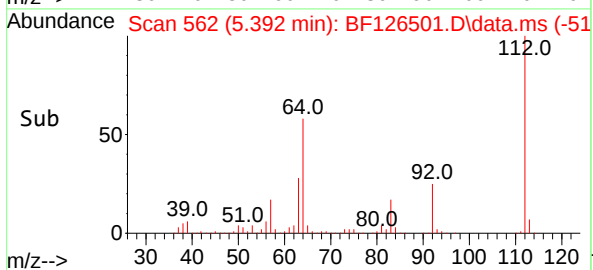
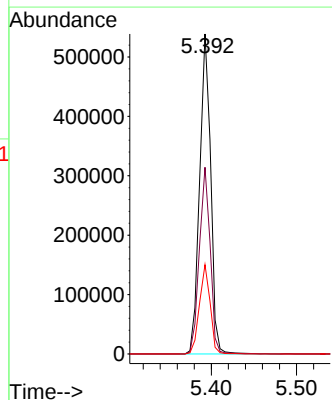
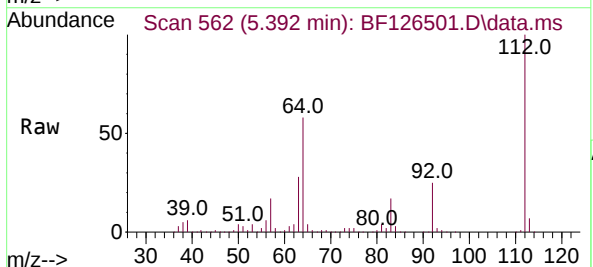
Instrument :  
BNA\_F  
ClientSampleId :  
20211309-CAPE-3-SITE-WATER

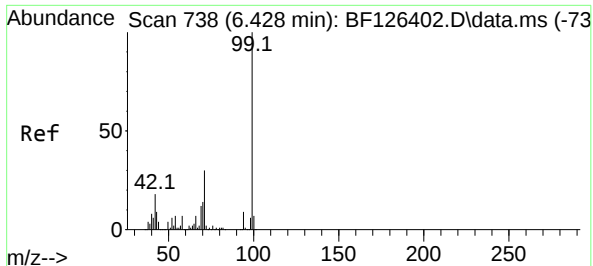
Tgt Ion:152 Resp: 97523  
Ion Ratio Lower Upper  
152 100  
150 155.9 128.1 192.1  
115 64.9 56.7 85.1



#5  
2-Fluorophenol  
Concen: 71.400 ng  
RT: 5.392 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

Tgt Ion:112 Resp: 484875  
Ion Ratio Lower Upper  
112 100  
64 58.3 49.5 74.3  
63 27.9 23.9 35.9

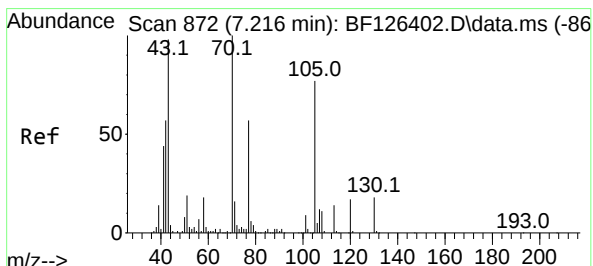
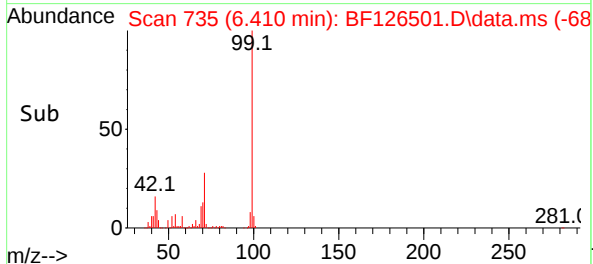
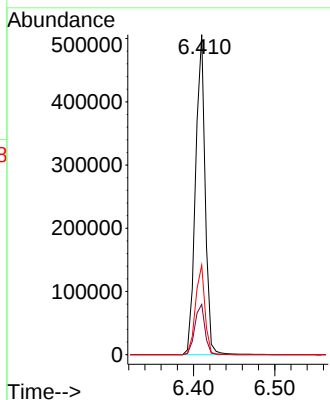
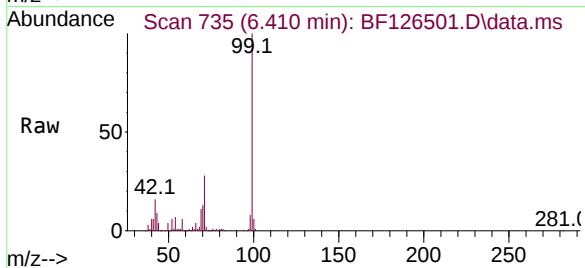




#7  
Phenol-d6  
Concen: 47.778 ng  
RT: 6.410 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

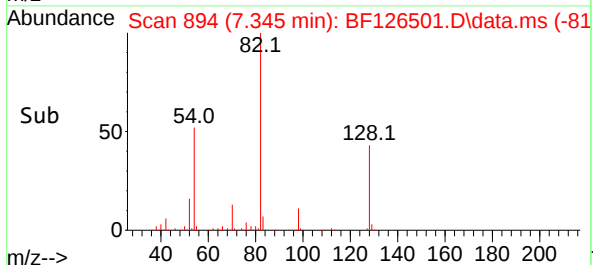
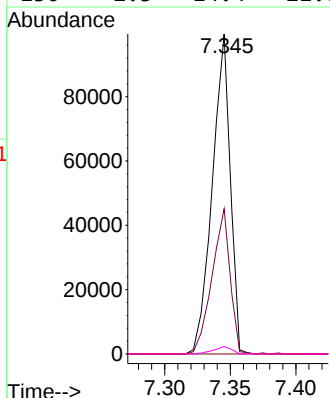
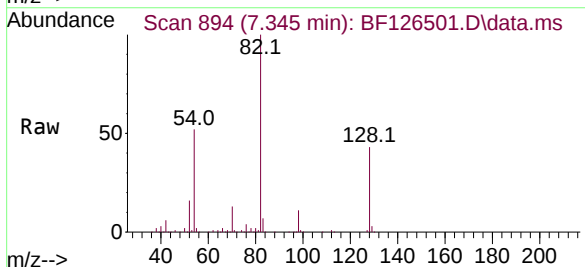
Instrument :  
BNA\_F  
ClientSampleId :  
20211309-CAPE-3-SITE-WATER

Tgt Ion: 99 Resp: 420246  
Ion Ratio Lower Upper  
99 100  
42 15.7 14.2 21.4  
71 27.9 24.3 36.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.850 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.141 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

Tgt Ion: 70 Resp: 94611  
Ion Ratio Lower Upper  
70 100  
42 45.3 45.8 68.8#  
101 0.0 6.9 10.3#  
130 2.3 14.4 21.6#



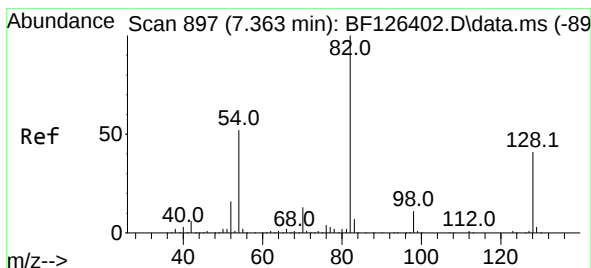
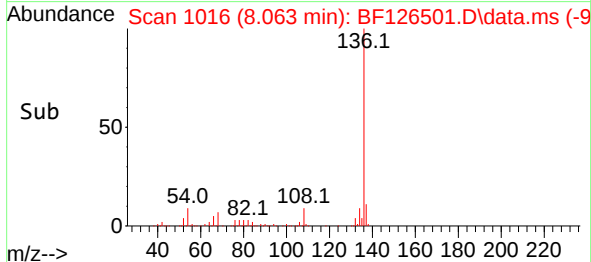
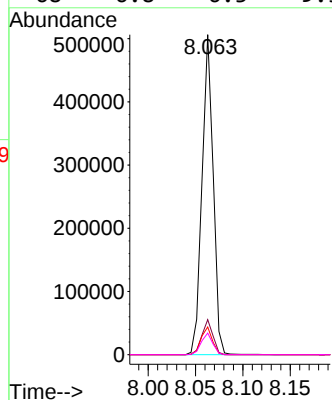
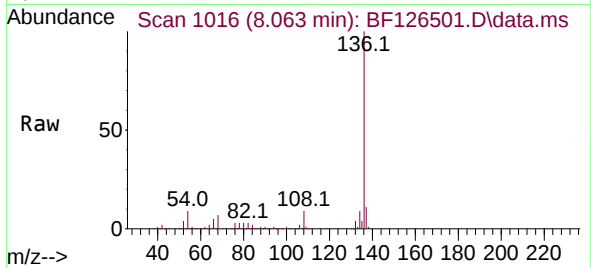


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

Instrument :  
BNA\_F  
ClientSampleId :  
20211309-CAPE-3-SITE-WATER

Tgt Ion:136 Resp: 414532

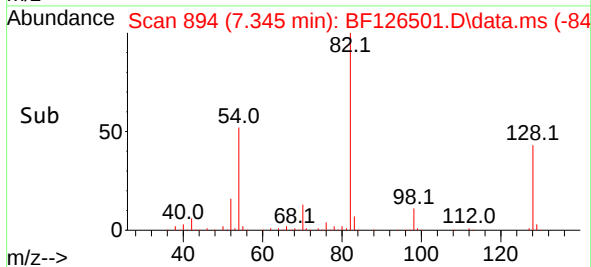
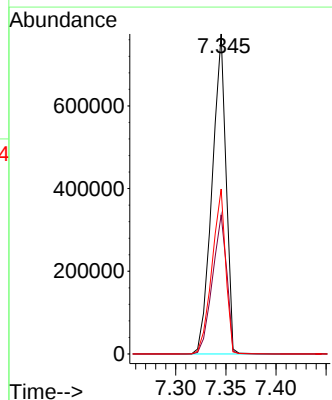
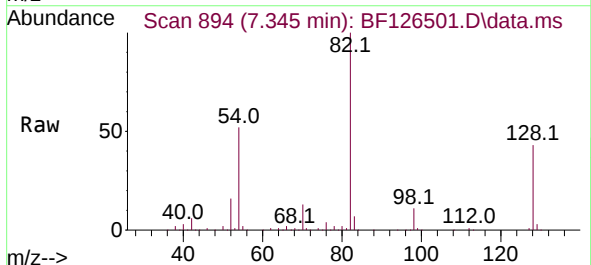
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 13.0  |
| 54  | 8.7   | 7.8   | 11.6  |
| 68  | 6.8   | 6.3   | 9.5   |



#23  
Nitrobenzene-d5  
Concen: 93.014 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

Tgt Ion: 82 Resp: 750926

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.5  | 32.7  | 49.1  |
| 54  | 51.5  | 41.7  | 62.5  |

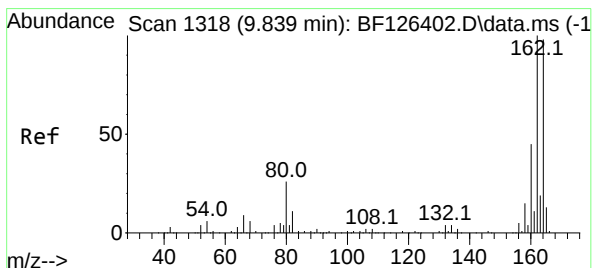
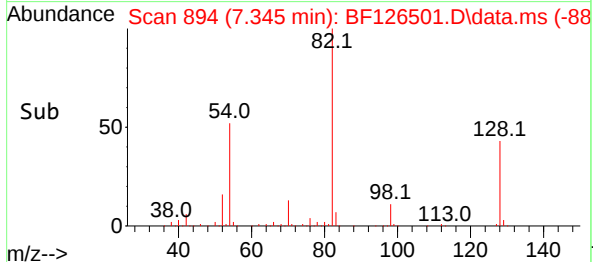
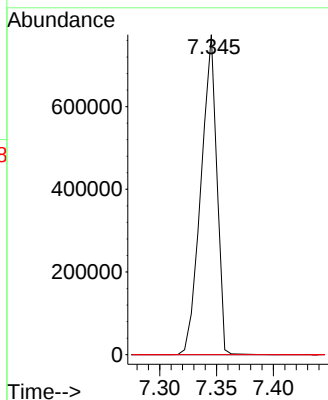
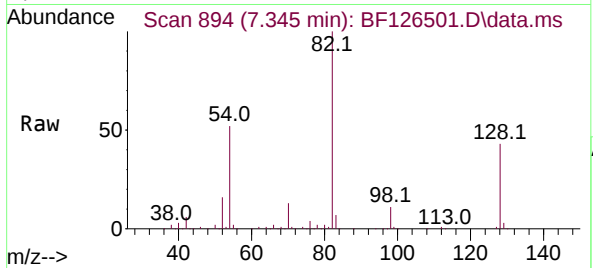




#25  
Isophorone  
Concen: 51.947 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.265 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

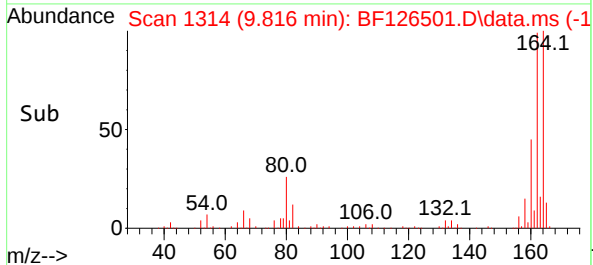
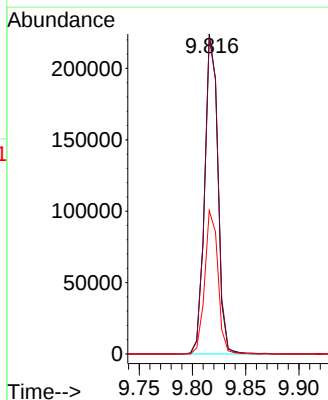
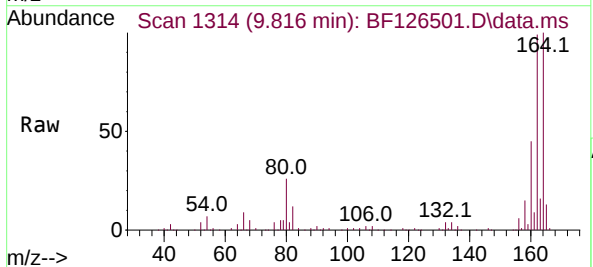
Instrument :  
BNA\_F  
ClientSampleId :  
20211309-CAPE-3-SITE-WATER

Tgt Ion: 82 Resp: 750760  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.0 7.4#  
138 0.0 12.3 18.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

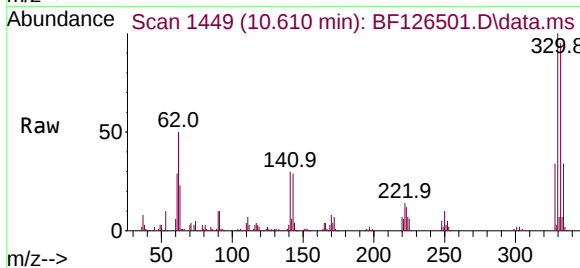
Tgt Ion:164 Resp: 193166  
Ion Ratio Lower Upper  
164 100  
162 99.1 81.4 122.0  
160 44.8 36.6 54.8



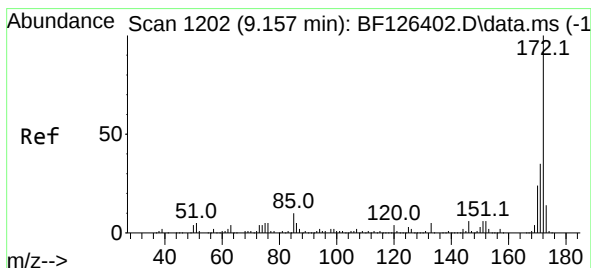
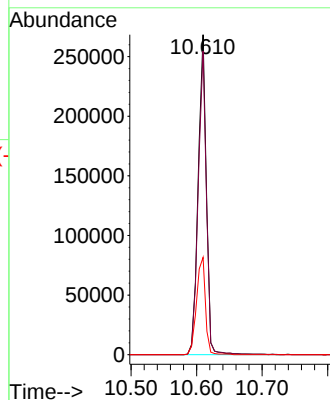
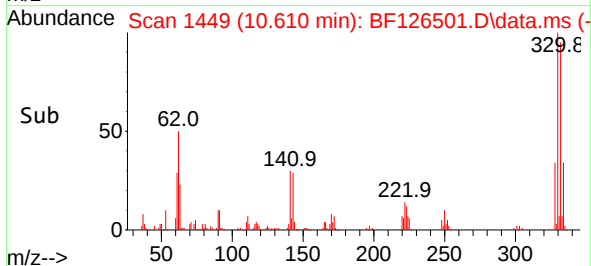


#42  
2,4,6-Tribromophenol  
Concen: 156.826 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

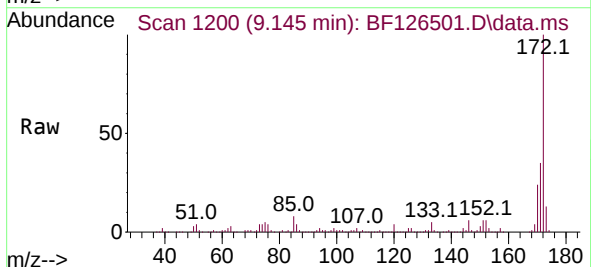
Instrument :  
BNA\_F  
ClientSampleId :  
20211309-CAPE-3-SITE-WATER



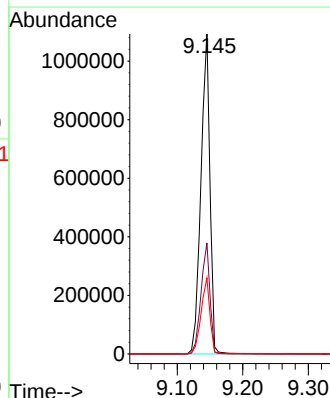
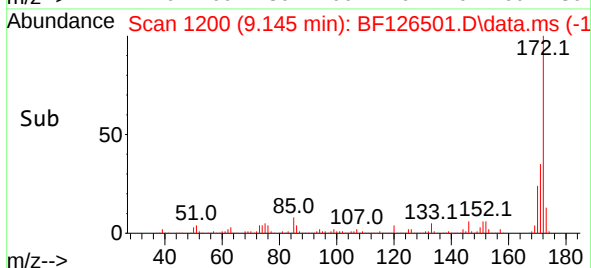
Tgt Ion:330 Resp: 234091  
Ion Ratio Lower Upper  
330 100  
332 95.2 76.0 114.0  
141 33.1 30.1 45.1

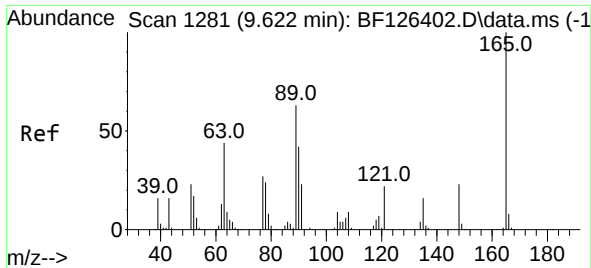


#45  
2-Fluorobiphenyl  
Concen: 95.516 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36



Tgt Ion:172 Resp: 1048485  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.3 42.5  
170 23.8 19.0 28.6

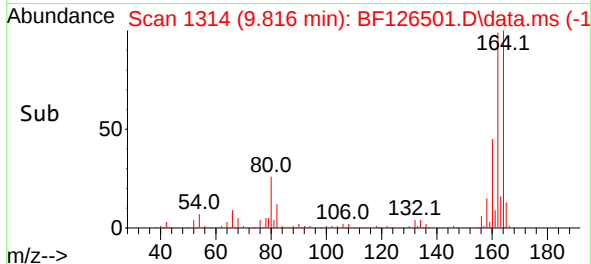
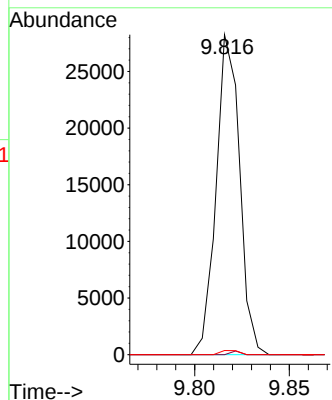
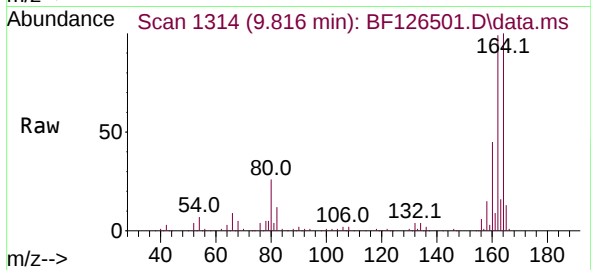




#51  
2,6-Dinitrotoluene  
Concen: 9.369 ng  
RT: 9.816 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

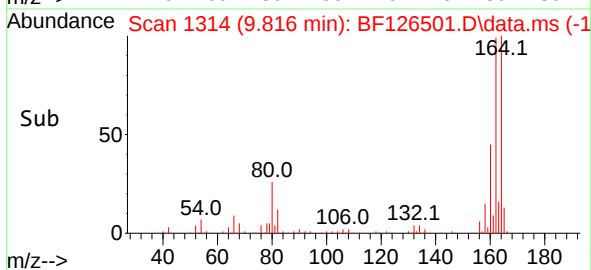
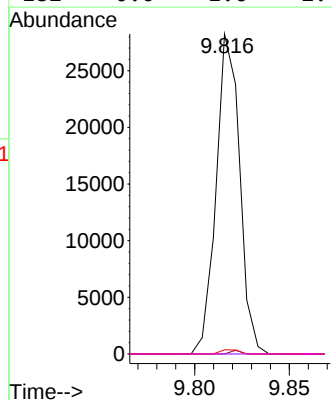
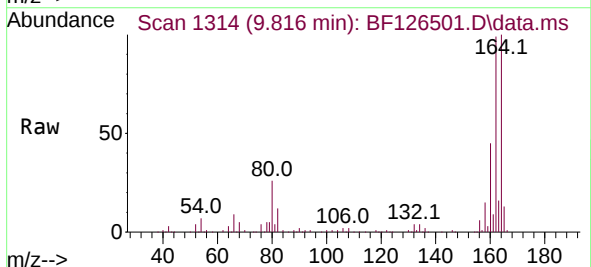
Instrument :  
BNA\_F  
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20211309-CAPE-3-SITE-WATER

Tgt Ion:165 Resp: 24399  
Ion Ratio Lower Upper  
165 100  
63 0.0 48.4 72.6#  
89 1.3 50.5 75.7#



#57  
2,4-Dinitrotoluene  
Concen: 7.262 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.200 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

Tgt Ion:165 Resp: 24399  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.0 64.6#  
89 1.3 71.0 106.4#  
182 0.0 1.6 2.4#

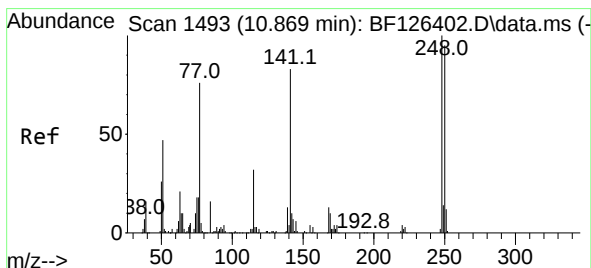
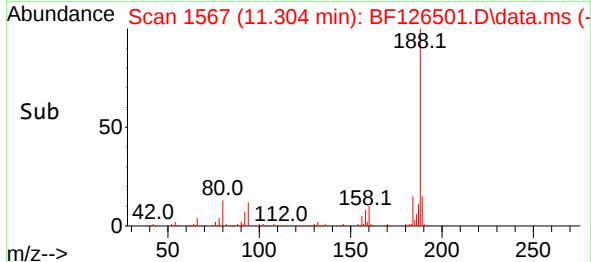
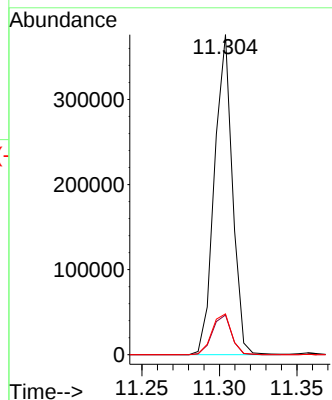
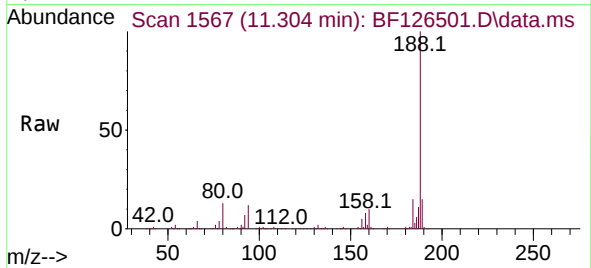




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

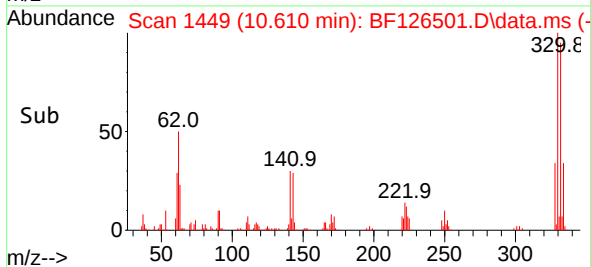
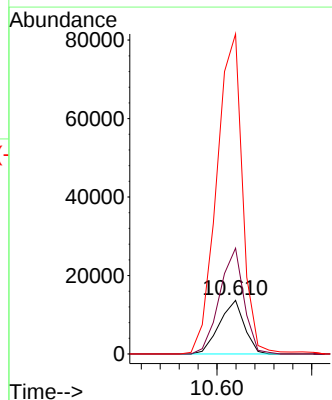
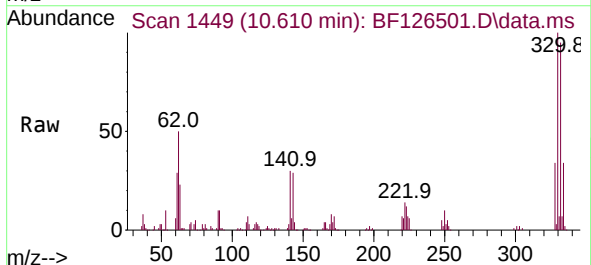
Instrument :  
BNA\_F  
ClientSampleId :  
20211309-CAPE-3-SITE-WATER

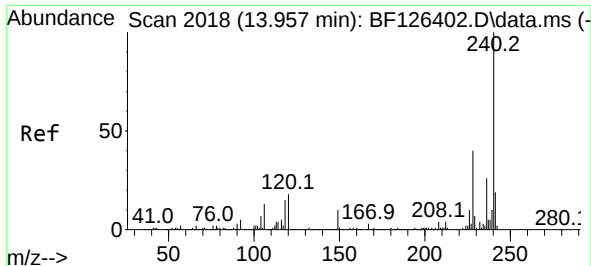
Tgt Ion:188 Resp: 303241  
Ion Ratio Lower Upper  
188 100  
94 12.4 10.1 15.1  
80 12.8 11.8 17.6



#67  
4-Bromophenyl-phenylether  
Concen: 4.647 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.247 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

Tgt Ion:248 Resp: 12508  
Ion Ratio Lower Upper  
248 100  
250 197.0 76.2 114.4#  
141 596.3 66.2 99.4#

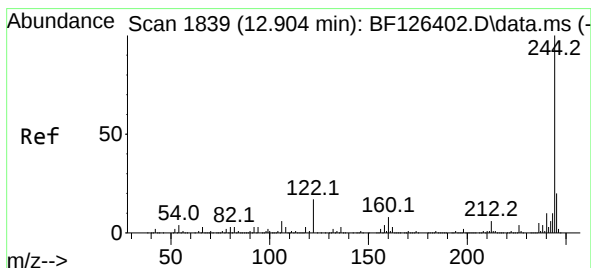
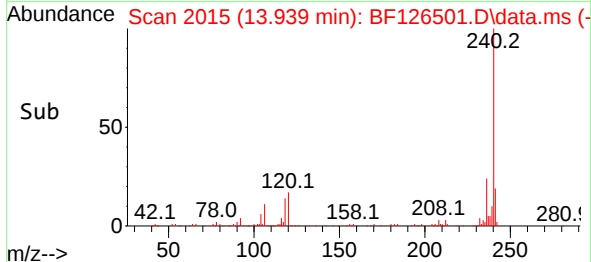
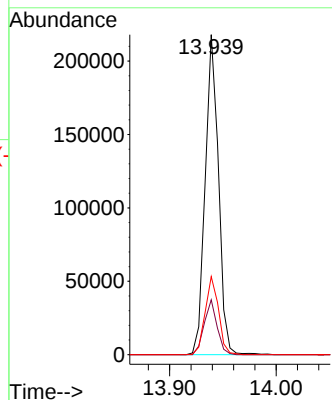
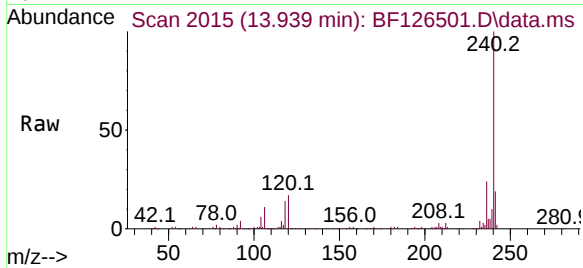




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

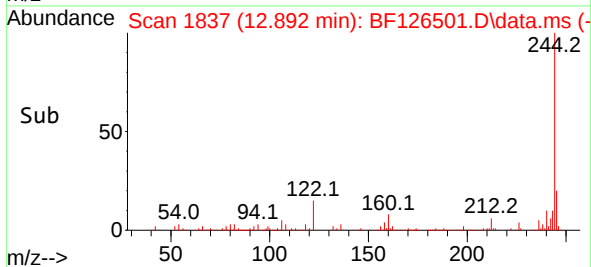
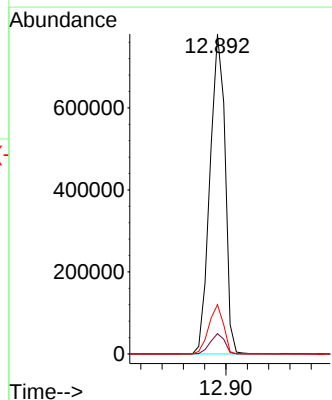
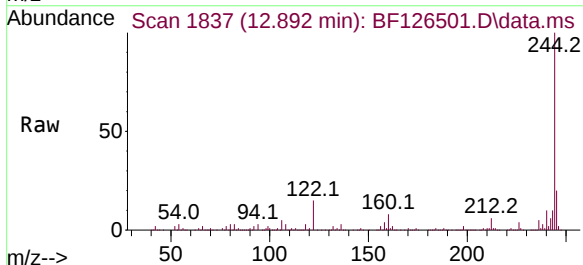
Instrument :  
BNA\_F  
ClientSampleId :  
20211309-CAPE-3-SITE-WATER

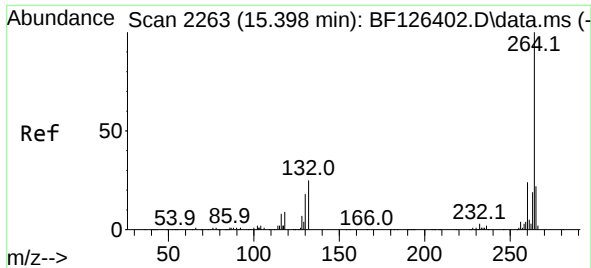
Tgt Ion:240 Resp: 189852  
Ion Ratio Lower Upper  
240 100  
120 17.1 14.4 21.6  
236 24.4 20.5 30.7



#79  
Terphenyl-d14  
Concen: 78.783 ng  
RT: 12.892 min Scan# 1837  
Delta R.T. -0.006 min  
Lab File: BF126501.D  
Acq: 5 Jan 2022 17:36

Tgt Ion:244 Resp: 769821  
Ion Ratio Lower Upper  
244 100  
212 6.3 5.0 7.4  
122 15.4 13.3 19.9





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.380 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF126501.D  
 Acq: 5 Jan 2022 17:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20211309-CAPE-3-SITE-WATER

Tgt Ion:264 Resp: 145586  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.2 28.8  
 265 21.6 17.4 26.2

