

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010522\  
 Data File : BF126506.D  
 Acq On : 5 Jan 2022 20:16  
 Operator : JU/CG  
 Sample : N1010-06  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20211312-CAPE-6-SITE-WATER

Quant Time: Jan 06 01:11:24 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

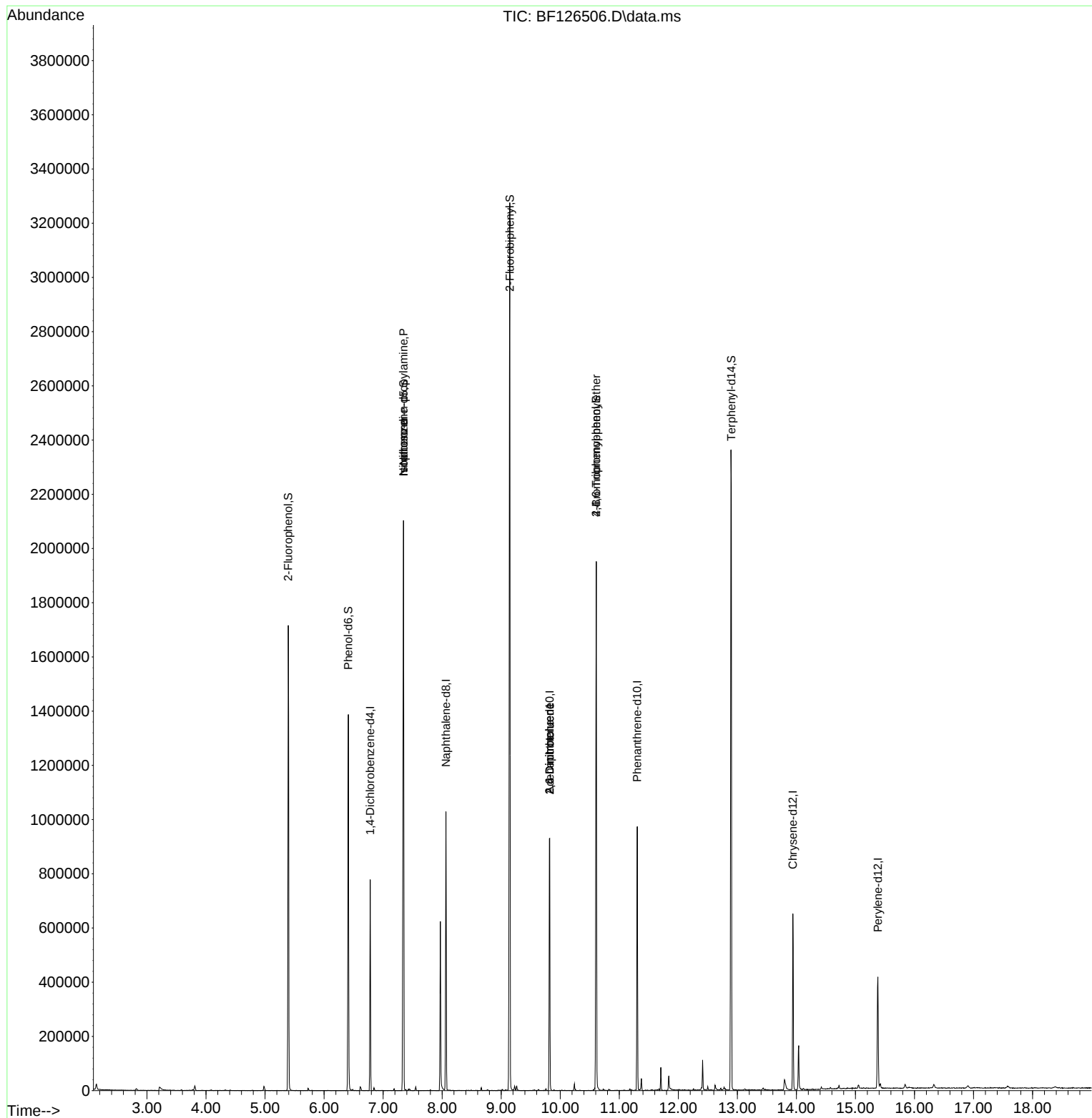
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 101009   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 432061   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 203986   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.304 | 188  | 322017   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 13.939 | 240  | 207871   | 20.000    | ng    | -0.01    |
| 86) Perylene-d12              | 15.380 | 264  | 177453   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.392  | 112  | 491029   | 69.810    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.410  | 99   | 451045   | 49.510    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 758068   | 90.089    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 232920   | 147.765   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 1073893  | 92.642    | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.898 | 244  | 852858   | 79.715    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 95211    | 18.315    | ng    | # 79     |
| 25) Isophorone                | 7.345  | 82   | 758059   | 50.324    | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.822  | 165  | 26139    | 9.505     | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.822  | 165  | 26139    | 7.367     | ng    | # 15     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 12744    | 4.459     | ng    | # 1      |
| 77) Benzidine                 | 12.892 | 184  | 10659    | Below Cal |       | 97       |
| -----                         |        |      |          |           |       |          |

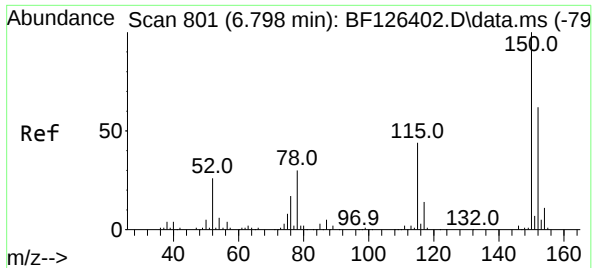
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010522\  
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Quant Time: Jan 06 01:11:24 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

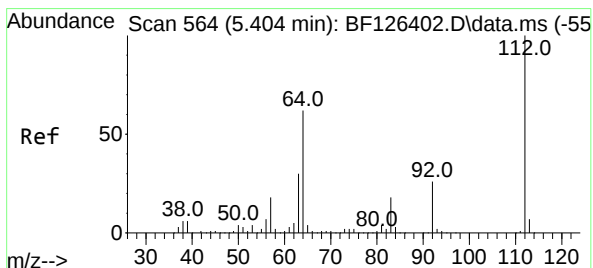
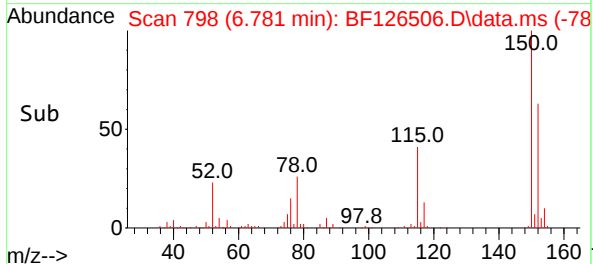
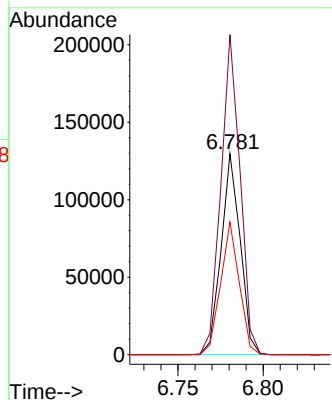
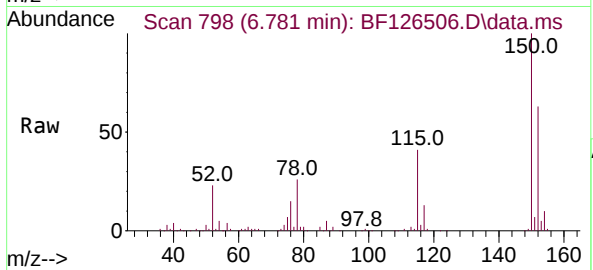




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

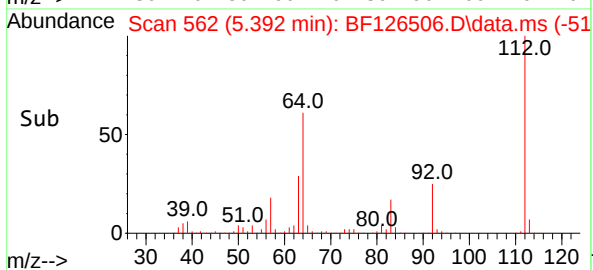
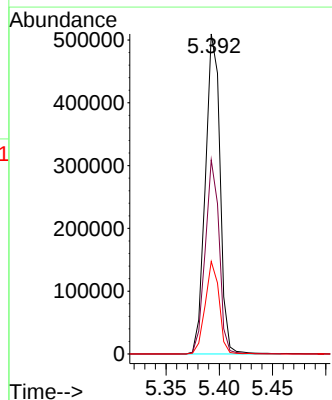
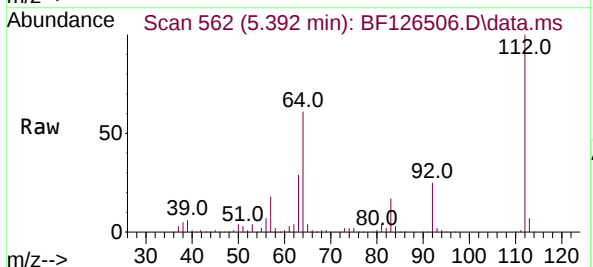
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BNA\_F  
ClientSampleId :  
20211312-CAPE-6-SITE-WATER

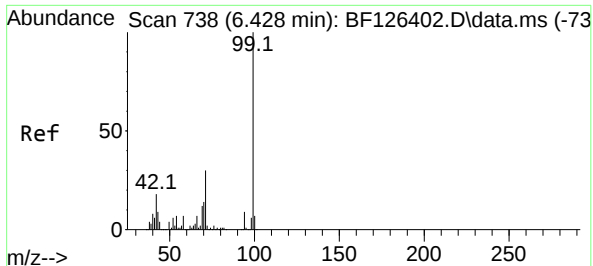
Tgt Ion:152 Resp: 101009  
Ion Ratio Lower Upper  
152 100  
150 159.3 128.1 192.1  
115 66.0 56.7 85.1



#5  
2-Fluorophenol  
Concen: 69.810 ng  
RT: 5.392 min Scan# 562  
Delta R.T. -0.000 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

Tgt Ion:112 Resp: 491029  
Ion Ratio Lower Upper  
112 100  
64 60.7 49.5 74.3  
63 28.9 23.9 35.9

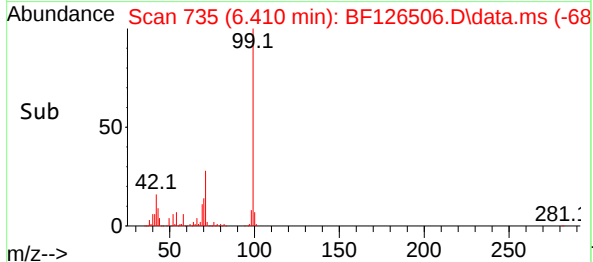
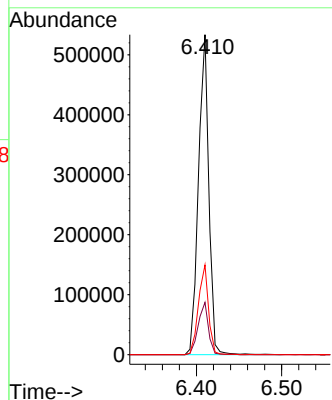
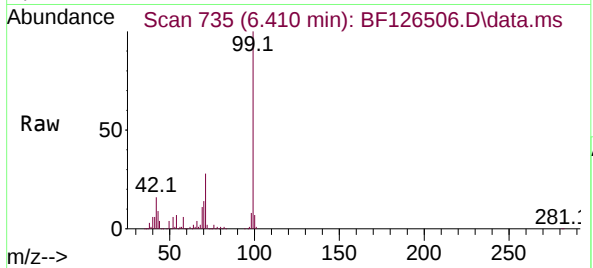




#7  
Phenol-d6  
Concen: 49.510 ng  
RT: 6.410 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

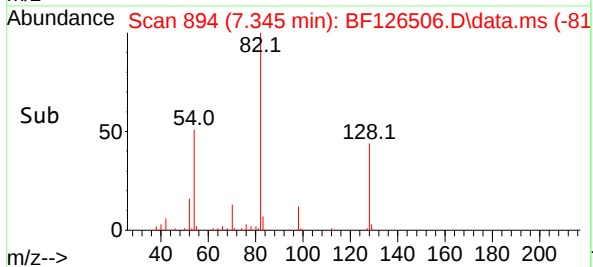
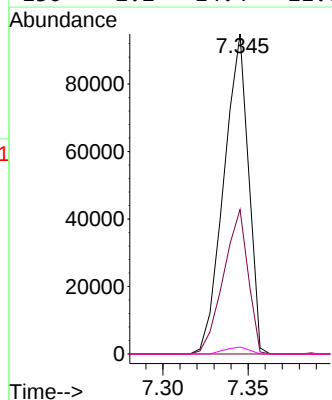
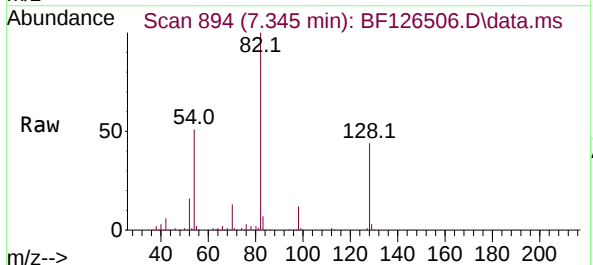
Instrument :  
BNA\_F  
ClientSampleId :  
20211312-CAPE-6-SITE-WATER

Tgt Ion: 99 Resp: 451045  
Ion Ratio Lower Upper  
99 100  
42 16.4 14.2 21.4  
71 28.1 24.3 36.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.315 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.141 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

Tgt Ion: 70 Resp: 95211  
Ion Ratio Lower Upper  
70 100  
42 45.2 45.8 68.8#  
101 0.0 6.9 10.3#  
130 2.2 14.4 21.6#

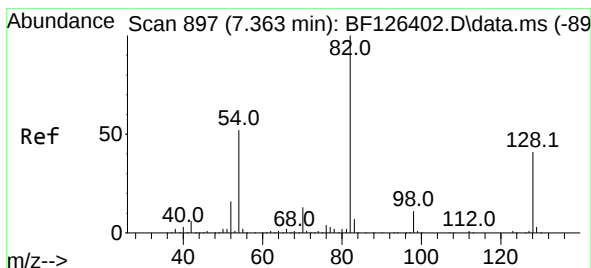
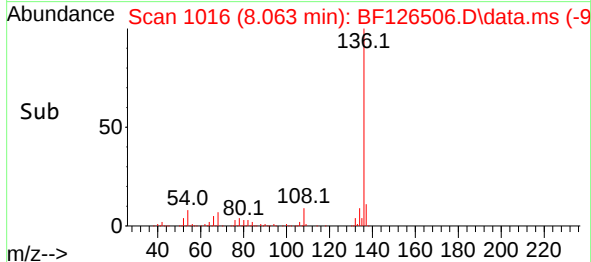
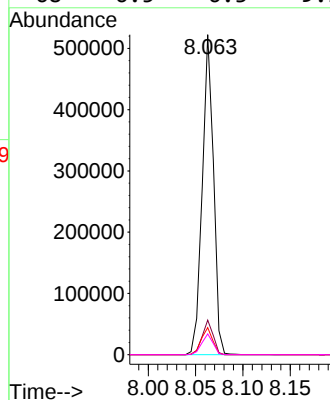
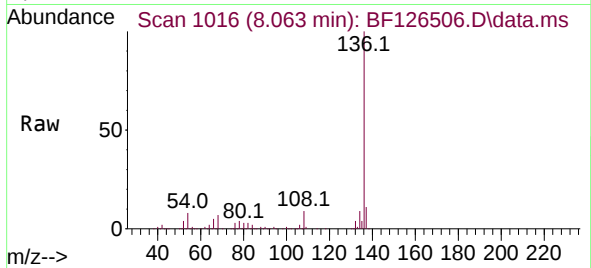




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

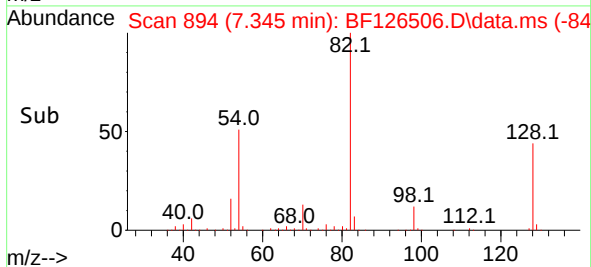
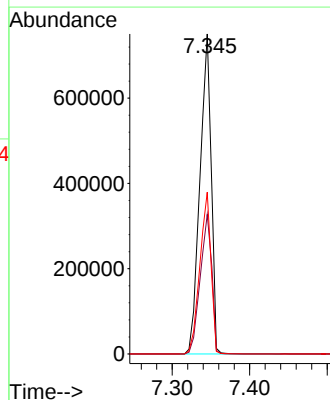
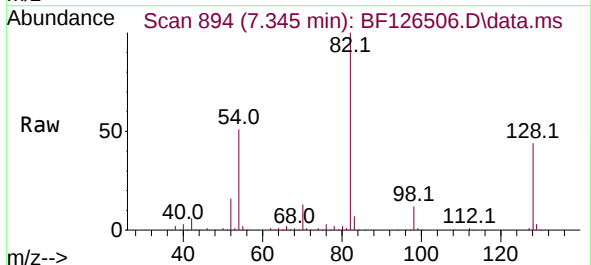
Instrument :  
BNA\_F  
ClientSampleId :  
20211312-CAPE-6-SITE-WATER

Tgt Ion:136 Resp: 432061  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.5 7.8 11.6  
68 6.5 6.3 9.5



#23  
Nitrobenzene-d5  
Concen: 90.089 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

Tgt Ion: 82 Resp: 758068  
Ion Ratio Lower Upper  
82 100  
128 43.6 32.7 49.1  
54 50.6 41.7 62.5

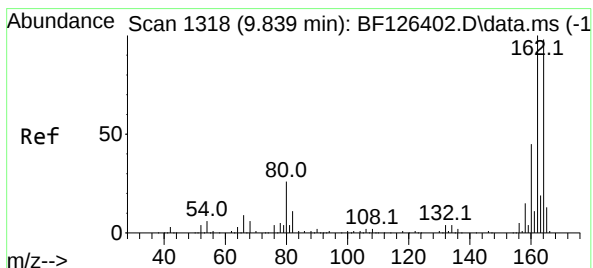
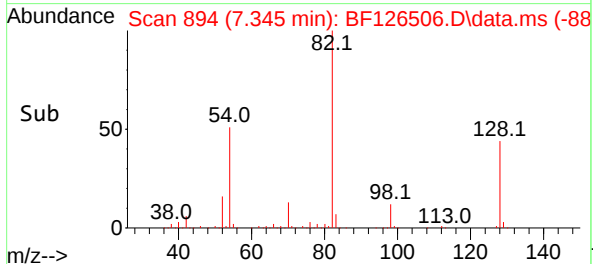
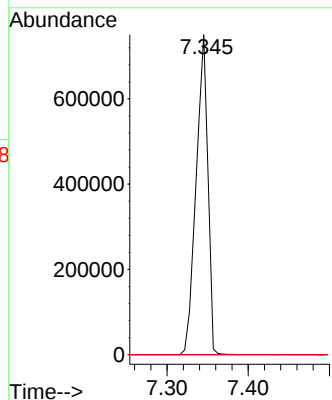
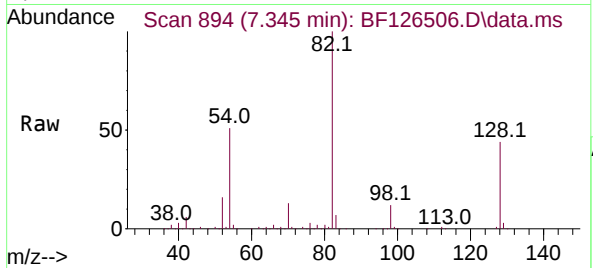




#25  
Isophorone  
Concen: 50.324 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.265 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

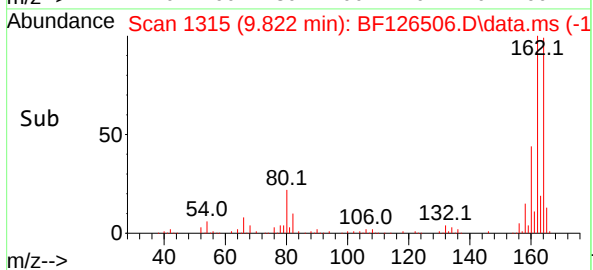
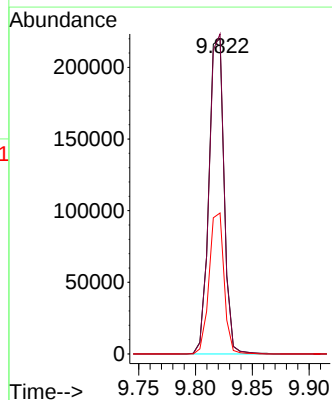
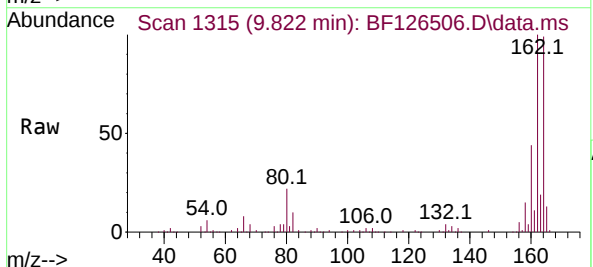
Instrument :  
BNA\_F  
ClientSampleId :  
20211312-CAPE-6-SITE-WATER

Tgt Ion: 82 Resp: 758059  
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: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

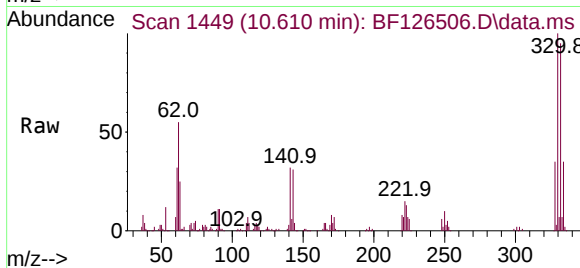
Tgt Ion: 164 Resp: 203986  
Ion Ratio Lower Upper  
164 100  
162 101.5 81.4 122.0  
160 44.7 36.6 54.8



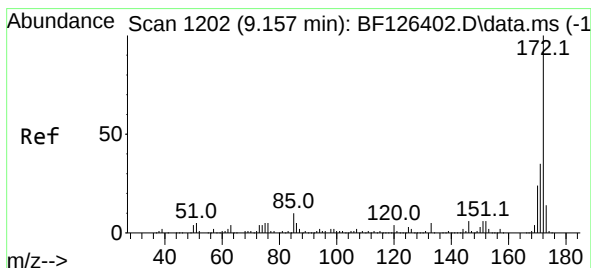
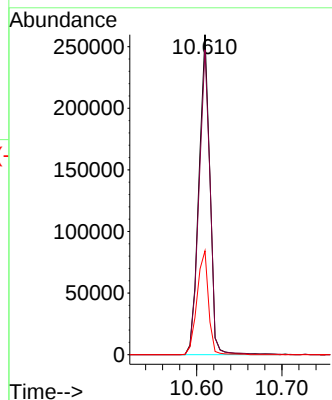
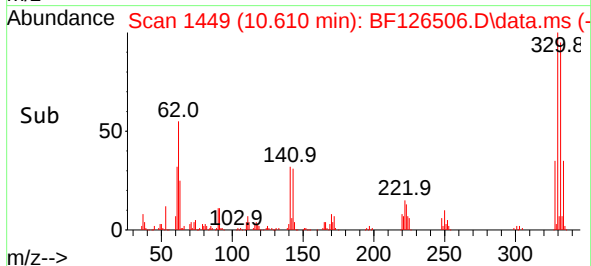


#42  
2,4,6-Tribromophenol  
Concen: 147.765 ng  
RT: 10.610 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

Instrument :  
BNA\_F  
ClientSampleId :  
20211312-CAPE-6-SITE-WATER

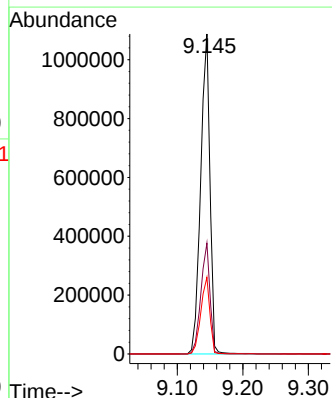
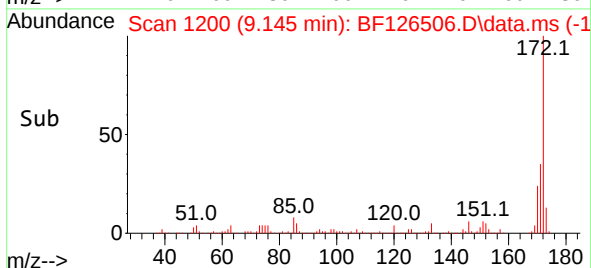
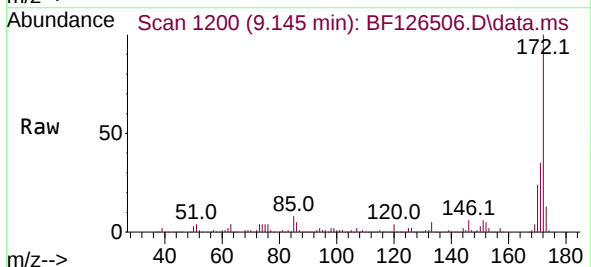


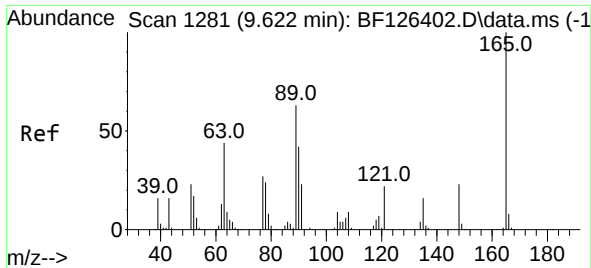
Tgt Ion:330 Resp: 232920  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.0 114.0  
141 33.8 30.1 45.1



#45  
2-Fluorobiphenyl  
Concen: 92.642 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

Tgt Ion:172 Resp: 1073893  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.3 42.5  
170 24.0 19.0 28.6

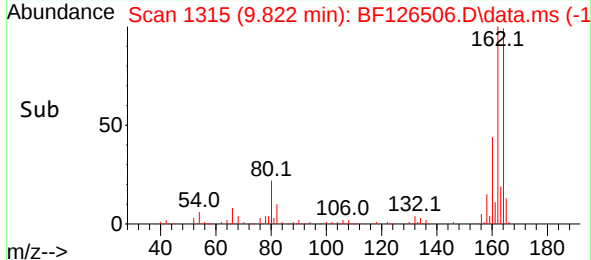
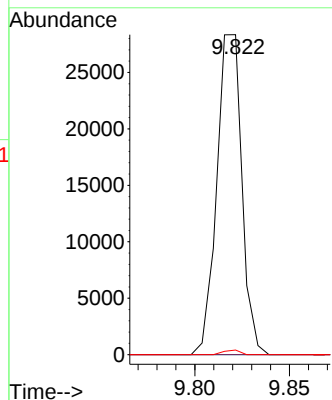
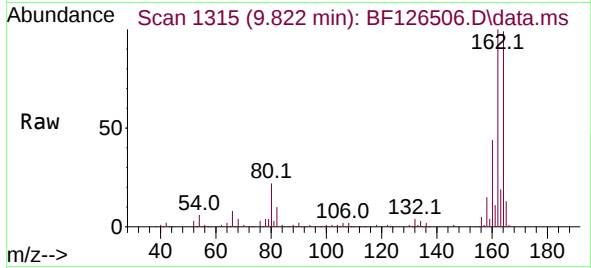




#51  
2,6-Dinitrotoluene  
Concen: 9.505 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. 0.212 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

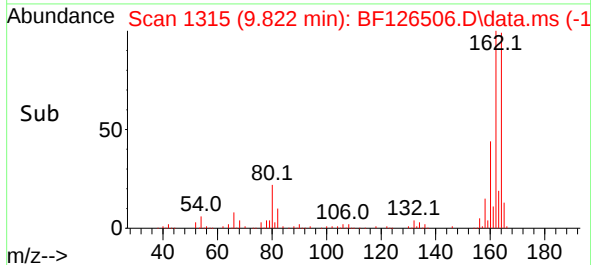
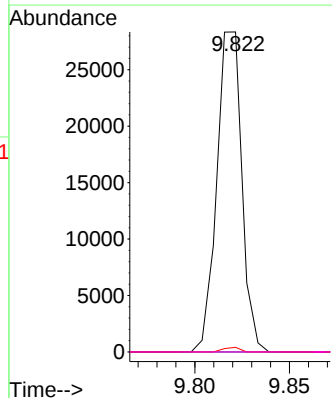
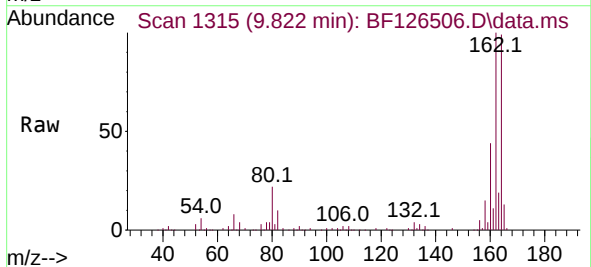
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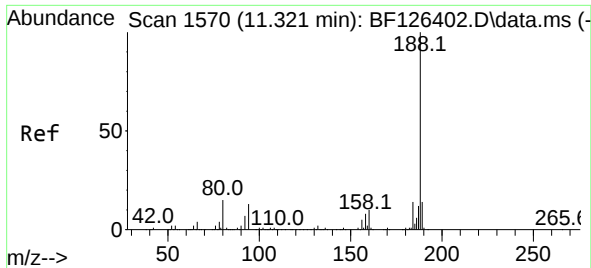
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Ion Ratio Lower Upper  
165 100  
63 0.0 48.4 72.6#  
89 1.5 50.5 75.7#



#57  
2,4-Dinitrotoluene  
Concen: 7.367 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.194 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

Tgt Ion:165 Resp: 26139  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.0 64.6#  
89 1.5 71.0 106.4#  
182 0.0 1.6 2.4#

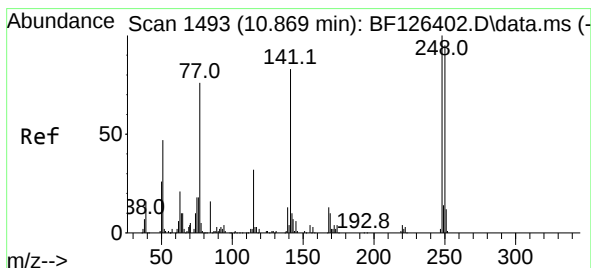
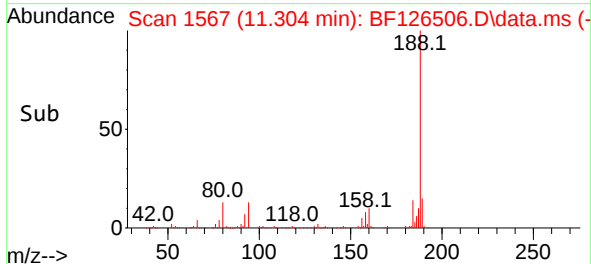
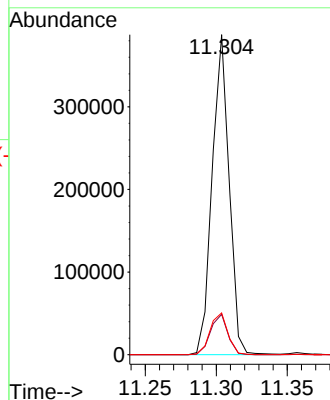
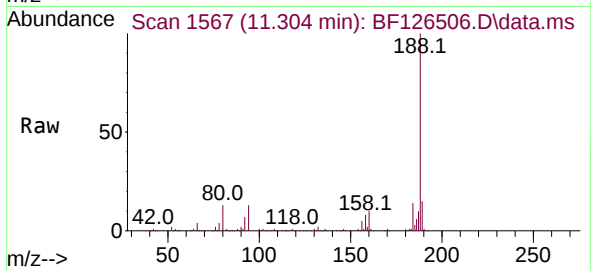




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

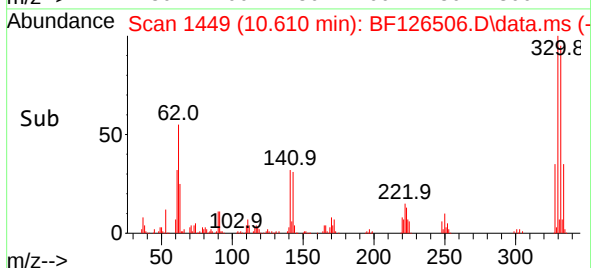
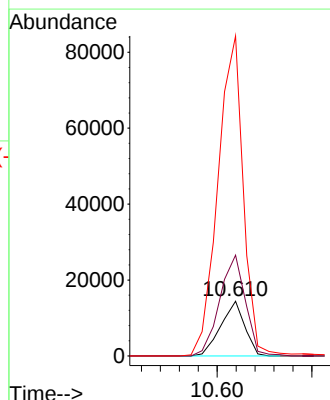
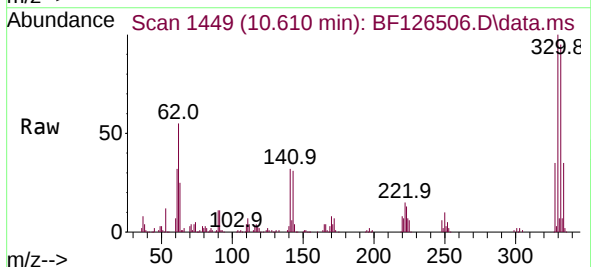
Instrument :  
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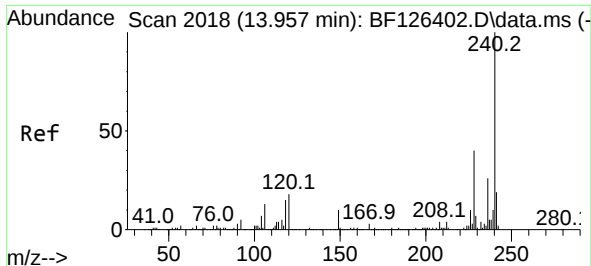
Tgt Ion:188 Resp: 322017  
Ion Ratio Lower Upper  
188 100  
94 12.6 10.1 15.1  
80 13.1 11.8 17.6



#67  
4-Bromophenyl-phenylether  
Concen: 4.459 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.247 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

Tgt Ion:248 Resp: 12744  
Ion Ratio Lower Upper  
248 100  
250 184.0 76.2 114.4#  
141 584.3 66.2 99.4#

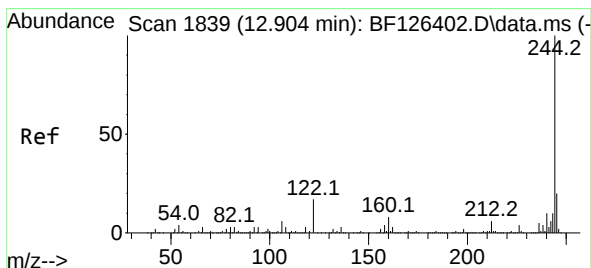
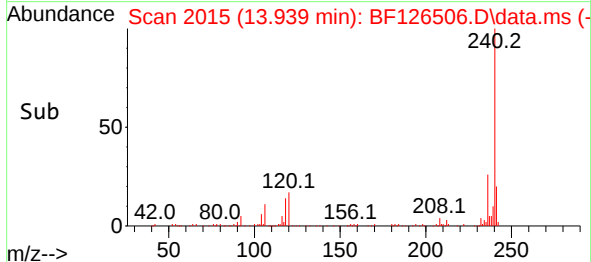
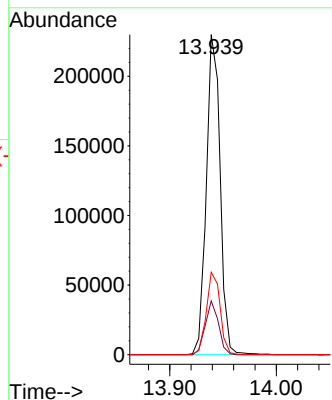
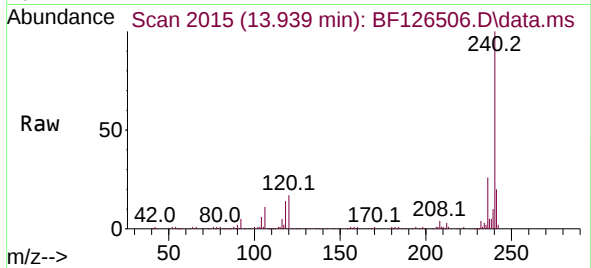




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

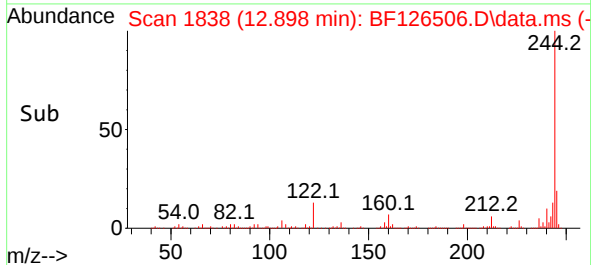
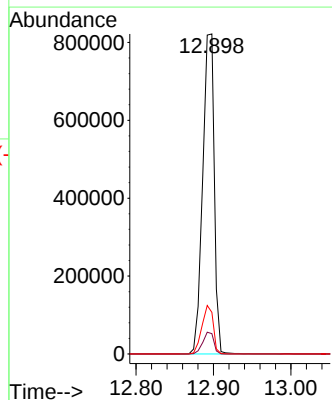
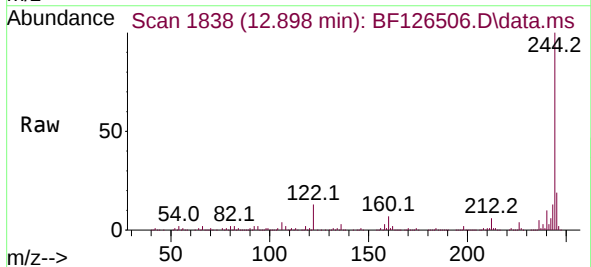
Instrument :  
BNA\_F  
ClientSampleId :  
20211312-CAPE-6-SITE-WATER

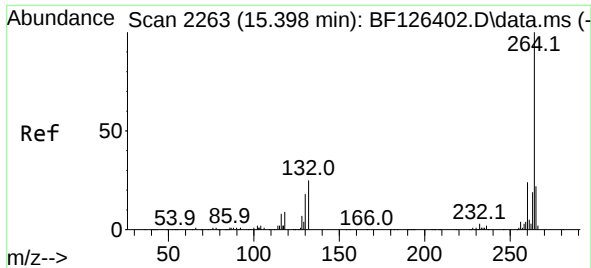
Tgt Ion:240 Resp: 207871  
Ion Ratio Lower Upper  
240 100  
120 16.8 14.4 21.6  
236 25.8 20.5 30.7



#79  
Terphenyl-d14  
Concen: 79.715 ng  
RT: 12.898 min Scan# 1838  
Delta R.T. -0.000 min  
Lab File: BF126506.D  
Acq: 5 Jan 2022 20:16

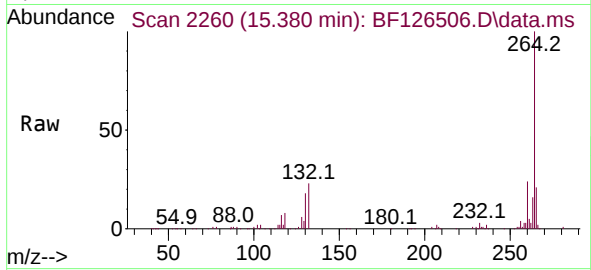
Tgt Ion:244 Resp: 852858  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.0 7.4  
122 13.0 13.3 19.9#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.380 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF126506.D  
 Acq: 5 Jan 2022 20:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20211312-CAPE-6-SITE-WATER



Tgt Ion:264 Resp: 177453  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.2 28.8  
 265 20.8 17.4 26.2

