

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021822\  
 Data File : BF126958.D  
 Acq On : 18 Feb 2022 18:06  
 Operator : CG\JU  
 Sample : M4068-09  
 Misc : MDL-MDL-WATER 4ppm  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2021

Quant Time: Feb 18 23:53:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 16 14:55:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.928  | 152  | 107754   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.210  | 136  | 426263   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.969  | 164  | 221563   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.457 | 188  | 400760   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.104 | 240  | 272530   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.610 | 264  | 211129   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.551  | 112  | 976842   | 140.114 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.557  | 99   | 1339351  | 142.372 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.498  | 82   | 749556   | 79.371  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.763 | 330  | 401226   | 157.282 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.292  | 172  | 1231952  | 81.856  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.051 | 244  | 1453361  | 78.395  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.746  | 88   | 11520    | 3.611   | ng    | # 95     |
| 3) Pyridine                   | 3.599  | 79   | 26873    | 3.211   | ng    | # 82     |
| 4) n-Nitrosodimethylamine     | 3.469  | 42   | 14868    | 3.627   | ng    | # 65     |
| 6) Aniline                    | 6.598  | 93   | 45797    | 4.109   | ng    | 96       |
| 8) 2-Chlorophenol             | 6.716  | 128  | 28428    | 3.800   | ng    | 98       |
| 9) Benzaldehyde               | 6.487  | 77   | 26703    | 4.663   | ng    | 97       |
| 10) Phenol                    | 6.569  | 94   | 36124    | 3.800   | ng    | 86       |
| 11) bis(2-Chloroethyl)ether   | 6.663  | 93   | 28038    | 3.761   | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 6.869  | 146  | 30571    | 3.789   | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.945  | 146  | 31470    | 3.847   | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 7.098  | 146  | 29975    | 3.842   | ng    | 96       |
| 15) Benzyl Alcohol            | 7.063  | 79   | 20053    | 2.530   | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.198  | 45   | 40477    | 3.448   | ng    | 94       |
| 17) 2-Methylphenol            | 7.169  | 107  | 24708    | 3.818   | ng    | # 93     |
| 18) Hexachloroethane          | 7.440  | 117  | 12062    | 3.847   | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.328  | 70   | 22289    | 3.677   | ng    | 94       |
| 20) 3+4-Methylphenols         | 7.322  | 107  | 31698    | 3.772   | ng    | # 78     |
| 22) Acetophenone              | 7.334  | 105  | 46190    | 4.116   | ng    | # 93     |
| 24) Nitrobenzene              | 7.510  | 77   | 36090    | 4.045   | ng    | 96       |
| 25) Isophorone                | 7.740  | 82   | 63780    | 4.081   | ng    | 98       |
| 26) 2-Nitrophenol             | 7.822  | 139  | 13533    | 3.563   | ng    | # 67     |
| 27) 2,4-Dimethylphenol        | 7.851  | 122  | 26654    | 4.272   | ng    | 85       |
| 28) bis(2-Chloroethoxy)met... | 7.951  | 93   | 35215    | 3.717   | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.063  | 162  | 21231    | 3.619   | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.151  | 180  | 24705    | 3.767   | ng    | 99       |
| 31) Naphthalene               | 8.234  | 128  | 87893    | 3.950   | ng    | 98       |
| 32) Benzoic acid              | 7.922  | 122  | 9116     | 2.060   | ng    | 85       |
| 33) 4-Chloroaniline           | 8.281  | 127  | 34524    | 3.942   | ng    | 97       |
| 34) Hexachlorobutadiene       | 8.345  | 225  | 15149    | 3.956   | ng    | 97       |
| 35) Caprolactam               | 8.610  | 113  | 6958     | 3.396   | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.751  | 107  | 27939    | 3.726   | ng    | 96       |
| 37) 2-Methylnaphthalene       | 8.922  | 142  | 57073    | 3.953   | ng    | 98       |
| 38) 1-Methylnaphthalene       | 9.022  | 142  | 54275    | 3.925   | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 9.087  | 216  | 23018    | 3.947   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 9.075  | 237  | 9377     | 2.964   | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 9.198  | 196  | 15637    | 3.656   | ng    | 98       |

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 Sample : M4068-09  
 Misc : MDL-MDL-WATER 4ppm  
 ALS Vial : 17 Sample Multiplier: 1

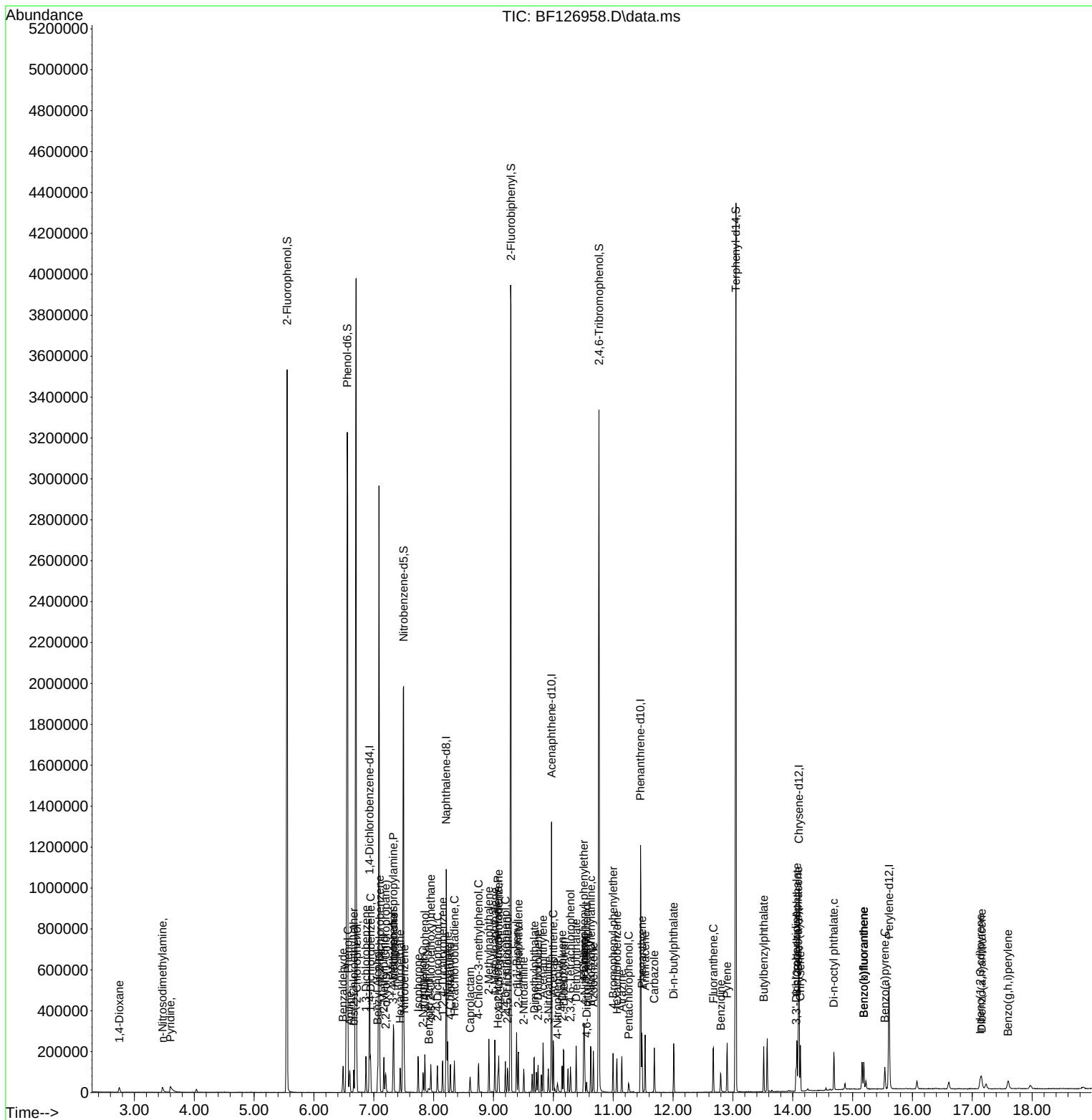
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2021

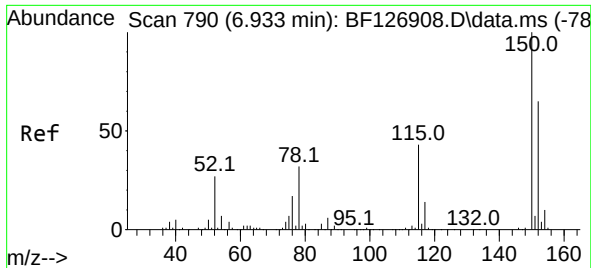
Quant Time: Feb 18 23:53:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 16 14:55:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.234  | 196  | 16000    | 3.554 | ng    | # 94     |
| 46) 1,1'-Biphenyl             | 9.386  | 154  | 72573    | 4.134 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.416  | 162  | 50153    | 3.853 | ng    | 99       |
| 48) 2-Nitroaniline            | 9.504  | 65   | 18122    | 3.528 | ng    | 98       |
| 49) Acenaphthylene            | 9.828  | 152  | 87571    | 4.141 | ng    | 98       |
| 50) Dimethylphthalate         | 9.681  | 163  | 60748    | 3.836 | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 9.745  | 165  | 13060    | 4.053 | ng    | 93       |
| 52) Acenaphthene              | 9.998  | 154  | 50138    | 3.646 | ng    | 96       |
| 53) 3-Nitroaniline            | 9.916  | 138  | 14313    | 3.634 | ng    | # 94     |
| 55) Dibenzofuran              | 10.175 | 168  | 75516    | 3.994 | ng    | 97       |
| 56) 4-Nitrophenol             | 10.069 | 139  | 8771     | 3.015 | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 10.145 | 165  | 16765    | 3.848 | ng    | # 97     |
| 58) Fluorene                  | 10.516 | 166  | 58579    | 3.977 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.286 | 232  | 12371    | 3.467 | ng    | # 94     |
| 60) Diethylphthalate          | 10.381 | 149  | 66275    | 4.005 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.510 | 204  | 27232    | 3.921 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.522 | 138  | 13350    | 3.432 | ng    | # 79     |
| 63) Azobenzene                | 10.669 | 77   | 67998    | 3.690 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 10.557 | 198  | 5328     | 2.263 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.628 | 169  | 50019    | 3.806 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.998 | 248  | 16563    | 3.699 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.063 | 284  | 18508    | 3.840 | ng    | # 92     |
| 69) Atrazine                  | 11.145 | 200  | 16354    | 4.013 | ng    | 96       |
| 70) Pentachlorophenol         | 11.257 | 266  | 6122     | 2.327 | ng    | 97       |
| 71) Phenanthrene              | 11.480 | 178  | 89243    | 3.979 | ng    | 99       |
| 72) Anthracene                | 11.533 | 178  | 89091    | 3.990 | ng    | 97       |
| 73) Carbazole                 | 11.686 | 167  | 74300    | 3.628 | ng    | 96       |
| 74) Di-n-butylphthalate       | 12.010 | 149  | 100682   | 3.824 | ng    | # 97     |
| 75) Fluoranthene              | 12.675 | 202  | 84641    | 3.974 | ng    | 94       |
| 77) Benzidine                 | 12.798 | 184  | 34451    | 4.652 | ng    | 99       |
| 78) Pyrene                    | 12.904 | 202  | 84979    | 3.589 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.516 | 149  | 39156    | 3.493 | ng    | 86       |
| 81) Benzo(a)anthracene        | 14.092 | 228  | 69861    | 3.802 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 14.057 | 252  | 21649    | 3.739 | ng    | # 96     |
| 83) Chrysene                  | 14.127 | 228  | 66114    | 3.827 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 14.069 | 149  | 56440    | 3.835 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 14.686 | 149  | 82072    | 3.873 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.133 | 276  | 41197    | 2.976 | ng    | # 87     |
| 88) Benzo(b)fluoranthene      | 15.186 | 252  | 51889    | 3.659 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 15.186 | 252  | 51889    | 3.794 | ng    | 97       |
| 90) Benzo(a)pyrene            | 15.539 | 252  | 47924    | 4.327 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 17.157 | 278  | 34457    | 3.009 | ng    | # 88     |
| 92) Benzo(g,h,i)perylene      | 17.598 | 276  | 35351    | 3.132 | ng    | # 84     |

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

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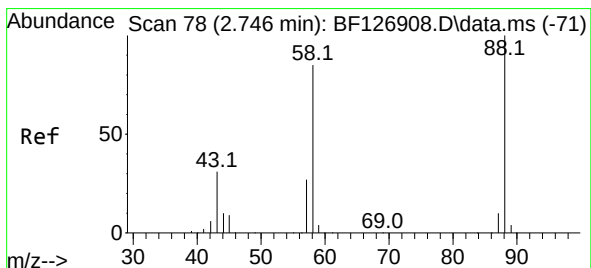
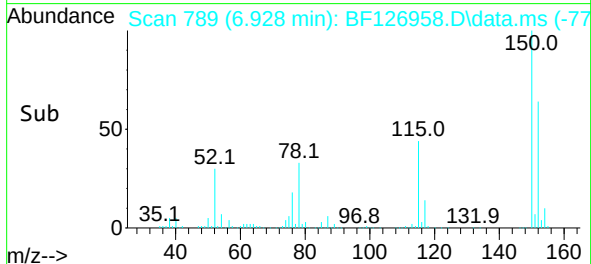
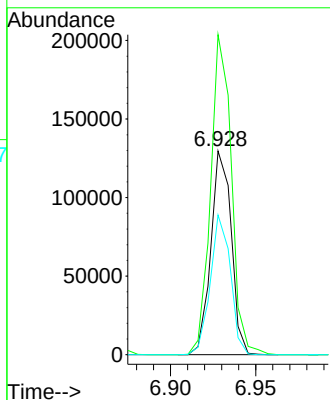
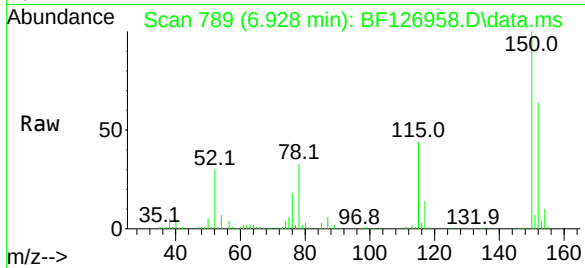




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.928 min Scan# 71  
 Delta R.T. -0.005 min  
 Lab File: BF126958.D  
 Acq: 18 Feb 2022 18:06

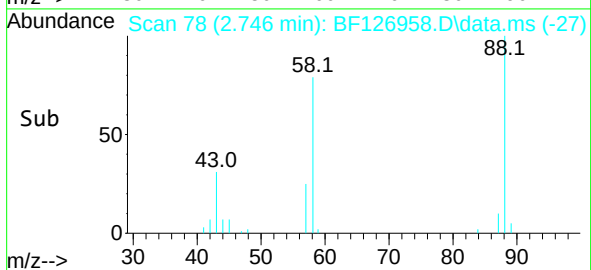
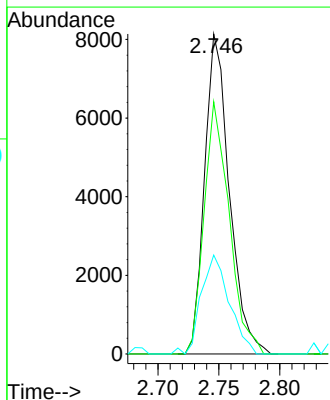
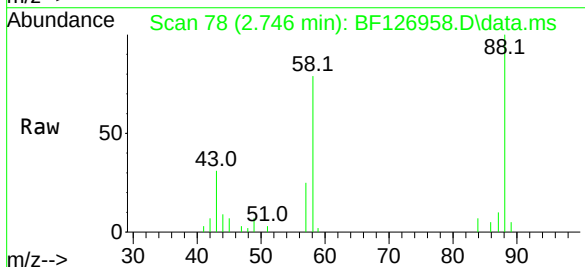
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2021

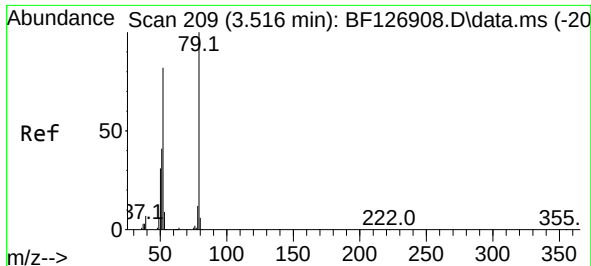
Tgt Ion:152 Resp: 107754  
 Ion Ratio Lower Upper  
 152 100  
 150 157.1 128.1 192.1  
 115 68.6 56.7 85.1



#2  
 1,4-Dioxane  
 Concen: 3.611 ng  
 RT: 2.746 min Scan# 78  
 Delta R.T. 0.000 min  
 Lab File: BF126958.D  
 Acq: 18 Feb 2022 18:06

Tgt Ion: 88 Resp: 11520  
 Ion Ratio Lower Upper  
 88 100  
 58 80.0 62.8 94.2  
 43 35.1 22.3 33.5#

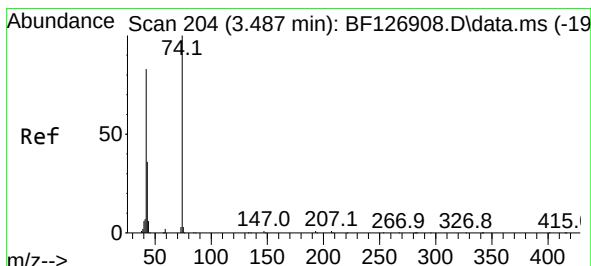
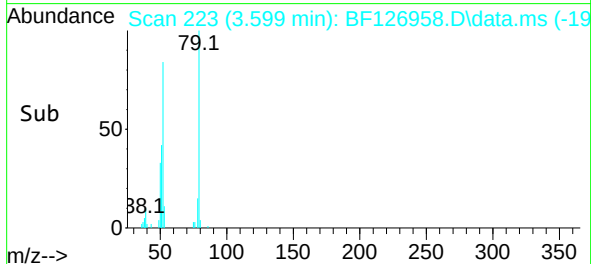
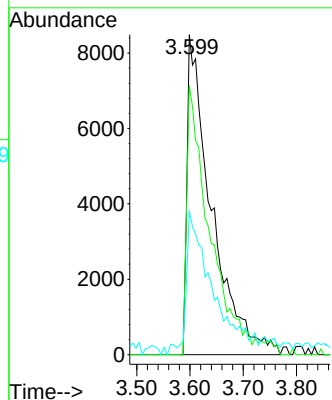
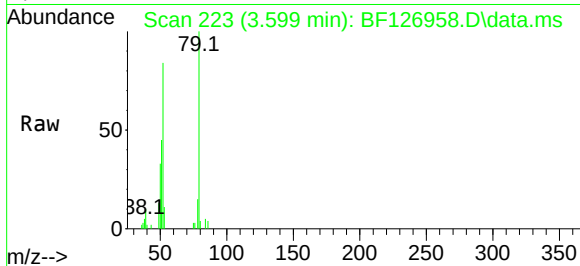




#3  
Pyridine  
Concen: 3.211 ng  
RT: 3.599 min Scan# 201  
Delta R.T. 0.083 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

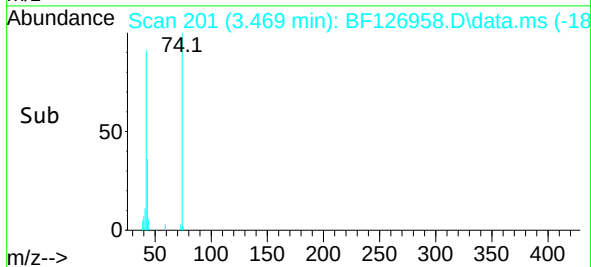
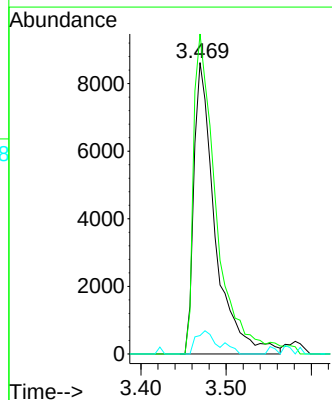
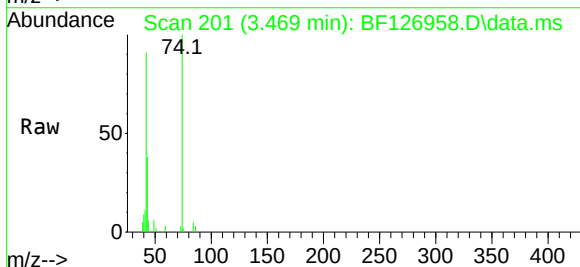
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

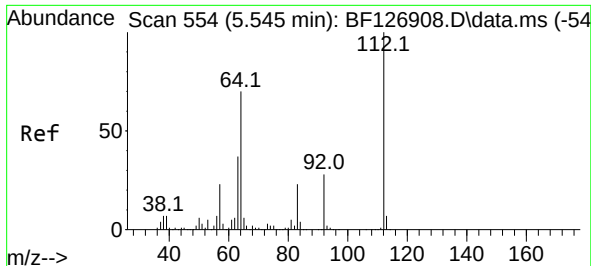
Tgt Ion: 79 Resp: 26873  
Ion Ratio Lower Upper  
79 100  
52 84.1 56.2 84.4  
51 44.6 26.7 40.1#



#4  
n-Nitrosodimethylamine  
Concen: 3.627 ng  
RT: 3.469 min Scan# 201  
Delta R.T. -0.017 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion: 42 Resp: 14868  
Ion Ratio Lower Upper  
42 100  
74 109.8 125.6 188.4#  
44 6.3 5.7 8.5

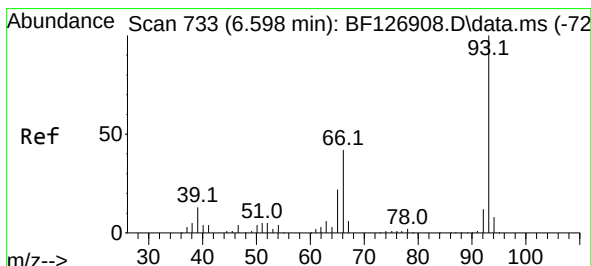
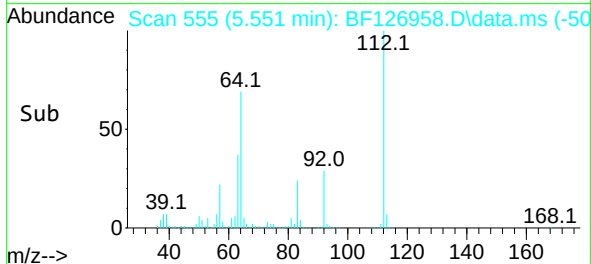
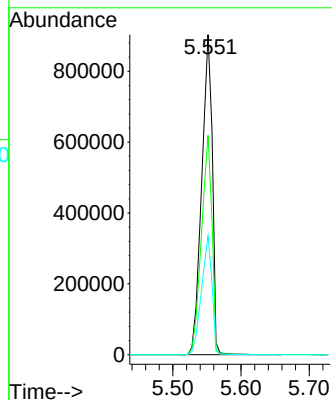
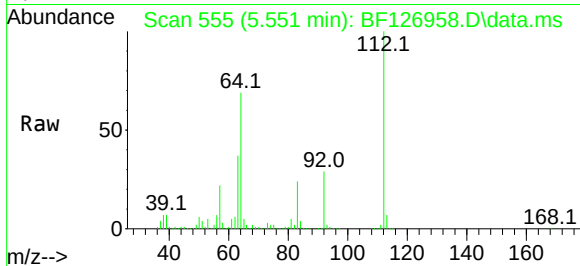




#5  
2-Fluorophenol  
Concen: 140.114 ng  
RT: 5.551 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

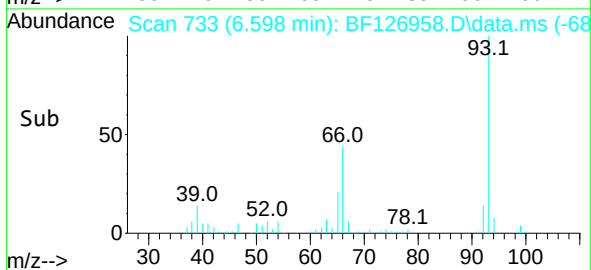
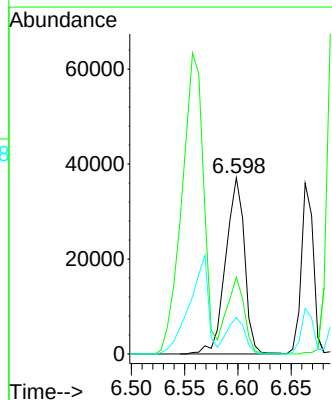
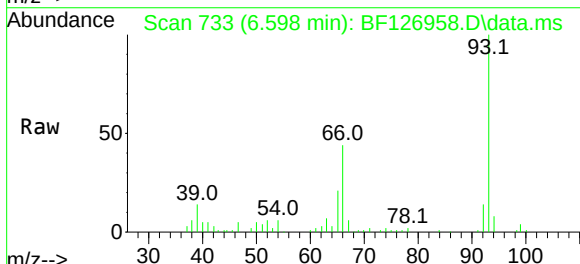
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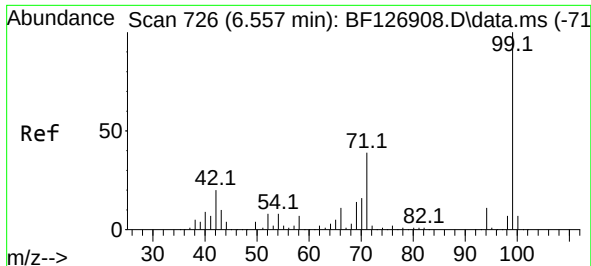
Tgt Ion:112 Resp: 976842  
Ion Ratio Lower Upper  
112 100  
64 68.5 49.5 74.3  
63 37.1 23.9 35.9#



#6  
Aniline  
Concen: 4.109 ng  
RT: 6.598 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion: 93 Resp: 45797  
Ion Ratio Lower Upper  
93 100  
66 43.7 32.2 48.4  
65 20.6 16.3 24.5

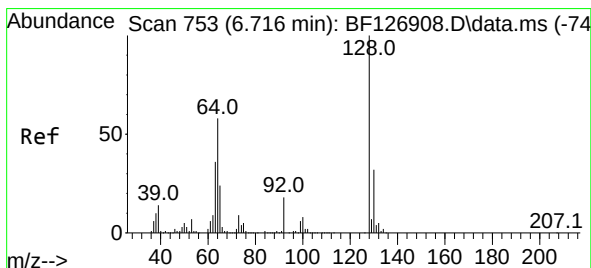
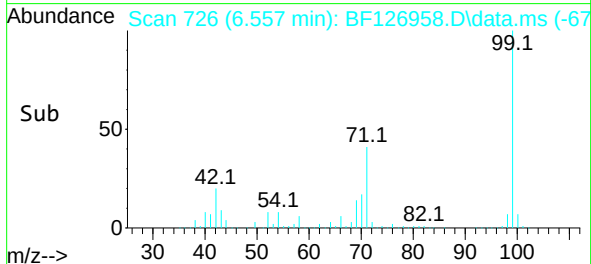
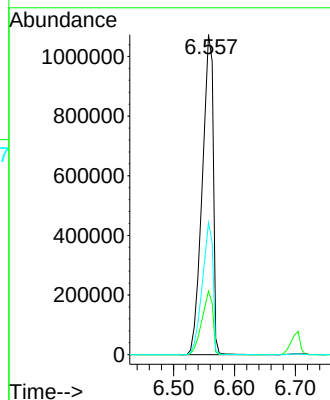
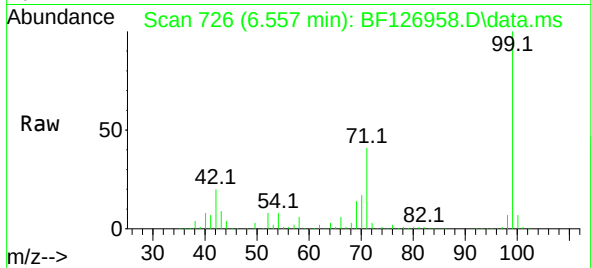




#7  
Phenol-d6  
Concen: 142.372 ng  
RT: 6.557 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

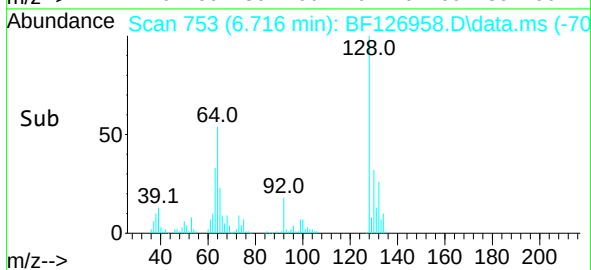
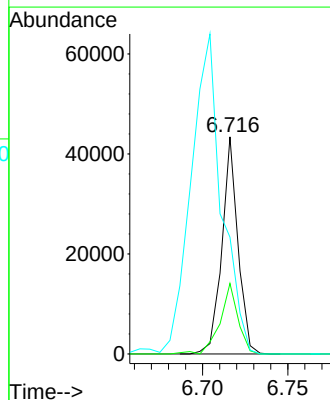
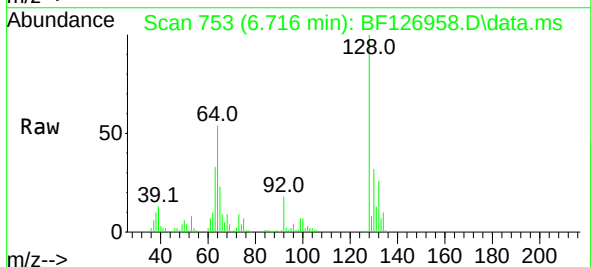
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

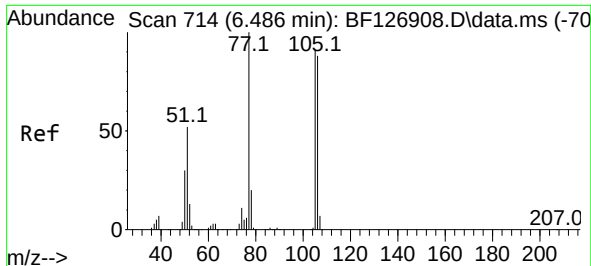
Tgt Ion: 99 Resp: 1339351  
Ion Ratio Lower Upper  
99 100  
42 19.9 14.2 21.4  
71 41.3 24.3 36.5#



#8  
2-Chlorophenol  
Concen: 3.800 ng  
RT: 6.716 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:128 Resp: 28428  
Ion Ratio Lower Upper  
128 100  
130 32.5 12.7 52.7  
64 53.8 35.6 75.6

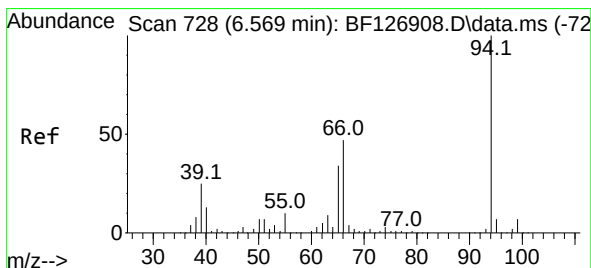
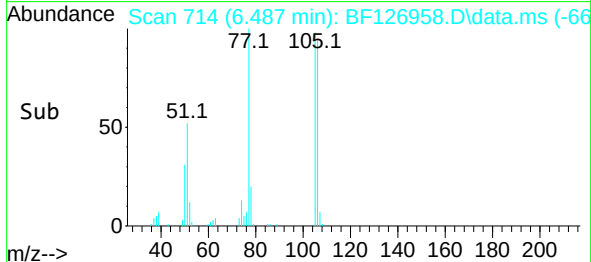
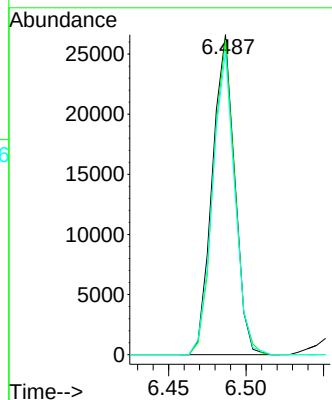
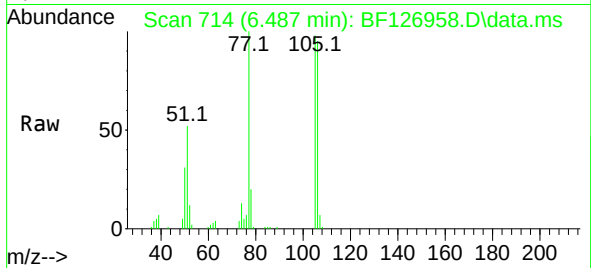




#9  
Benzaldehyde  
Concen: 4.663 ng  
RT: 6.487 min Scan# 714  
Delta R.T. 0.000 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

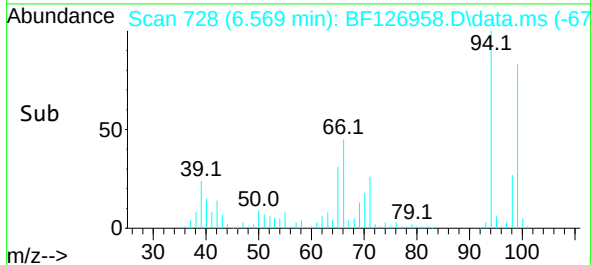
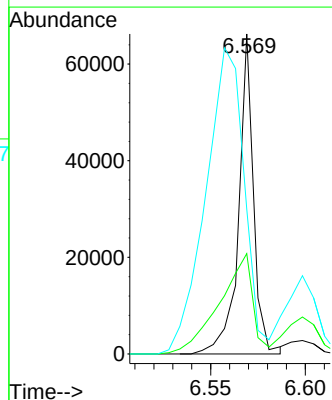
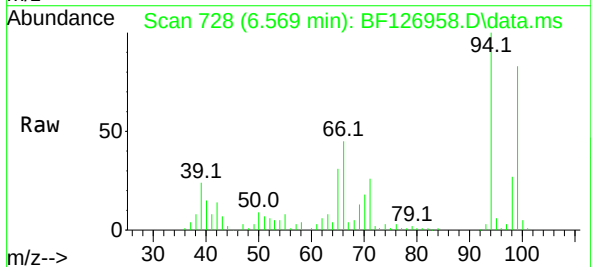
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

Tgt Ion: 77 Resp: 26703  
Ion Ratio Lower Upper  
77 100  
105 98.3 74.9 114.9  
106 94.7 72.4 112.4

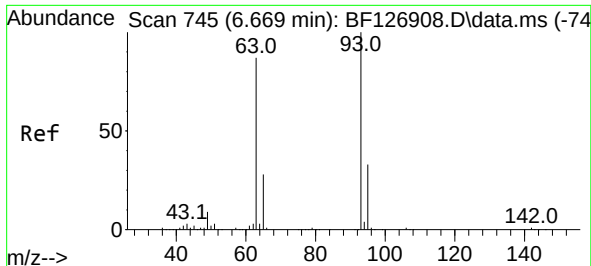


#10  
Phenol  
Concen: 3.800 ng  
RT: 6.569 min Scan# 728  
Delta R.T. 0.000 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion: 94 Resp: 36124  
Ion Ratio Lower Upper  
94 100  
65 31.4 7.2 47.2  
66 45.3 14.5 54.5







#11

bis(2-Chloroethyl)ether

Concen: 3.761 ng

RT: 6.663 min Scan# 745

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

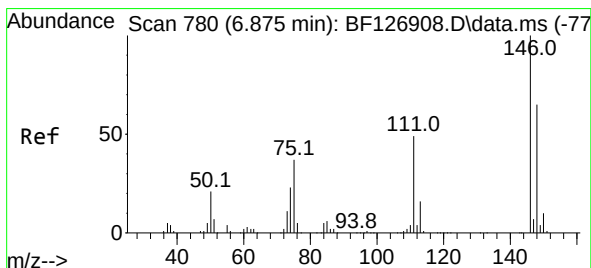
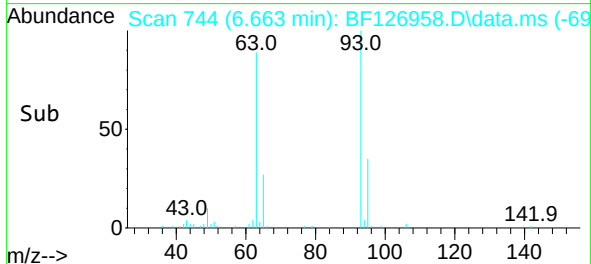
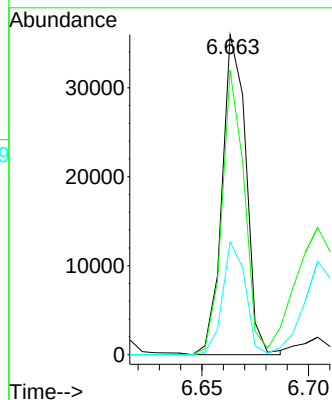
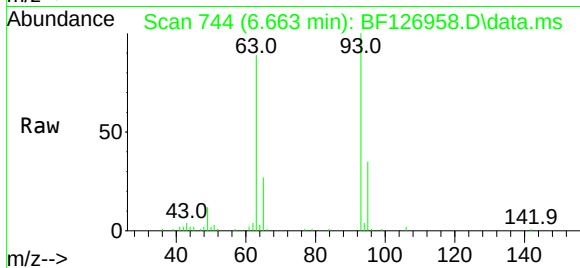
Tgt Ion: 93 Resp: 28038

Ion Ratio Lower Upper

93 100

63 88.8 60.5 100.5

95 35.2 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 3.789 ng

RT: 6.869 min Scan# 779

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

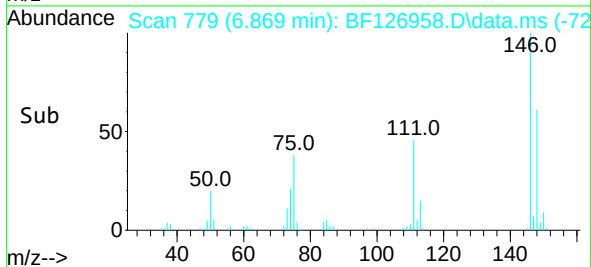
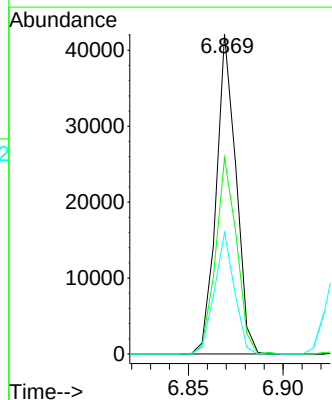
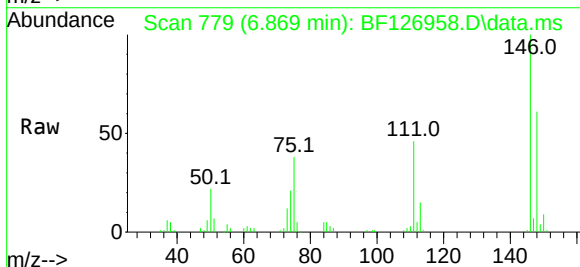
Tgt Ion:146 Resp: 30571

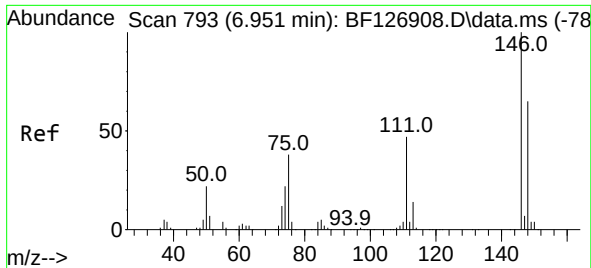
Ion Ratio Lower Upper

146 100

148 61.3 50.9 76.3

75 37.9 28.4 42.6

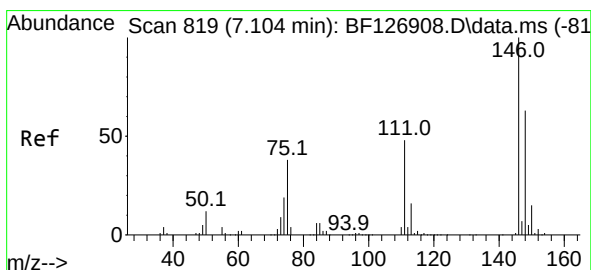
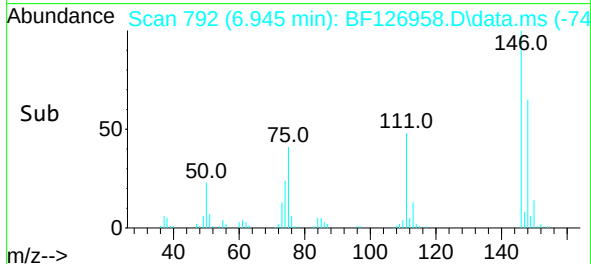
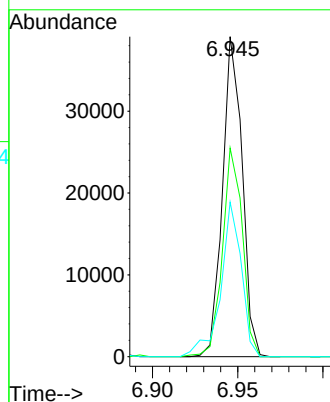
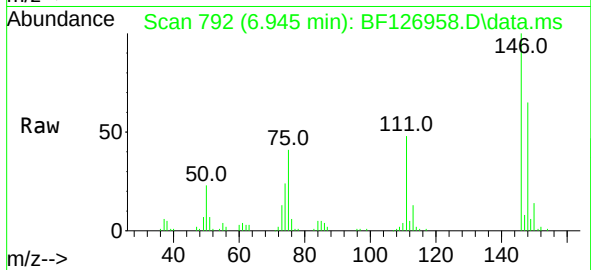




#13  
1,4-Dichlorobenzene  
Concen: 3.847 ng  
RT: 6.945 min Scan# 793  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

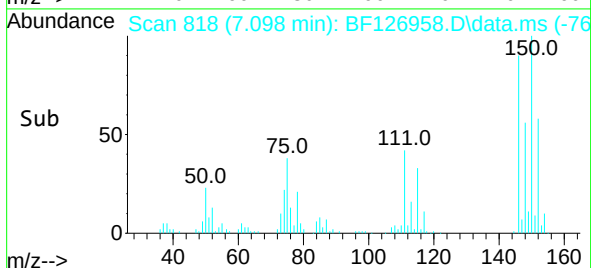
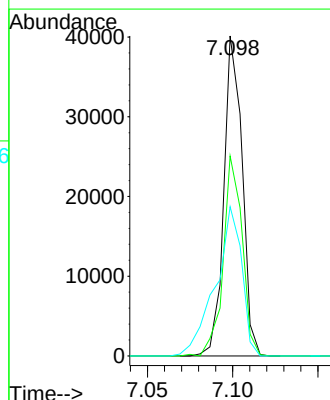
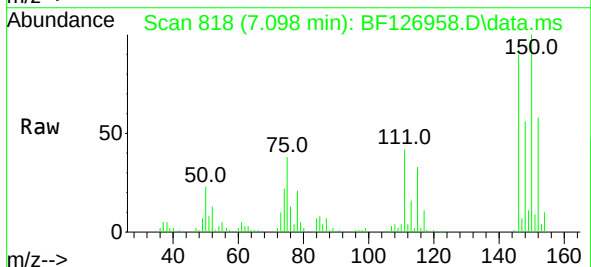
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

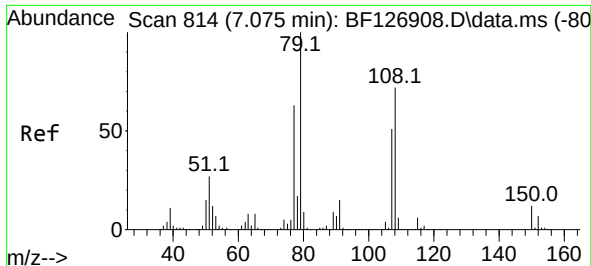
Tgt Ion:146 Resp: 31470  
Ion Ratio Lower Upper  
146 100  
148 65.2 49.8 74.6  
111 48.3 36.1 54.1



#14  
1,2-Dichlorobenzene  
Concen: 3.842 ng  
RT: 7.098 min Scan# 818  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:146 Resp: 29975  
Ion Ratio Lower Upper  
146 100  
148 62.5 51.6 77.4  
111 46.6 40.2 60.2





#15

Benzyl Alcohol

Concen: 2.530 ng

RT: 7.063 min Scan# 814

Delta R.T. -0.012 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

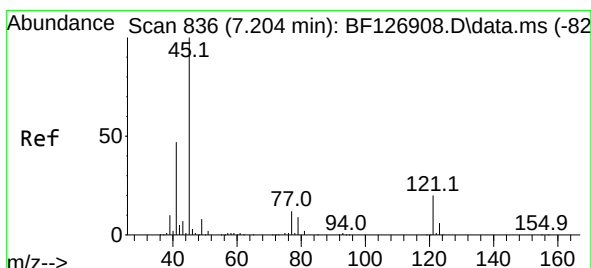
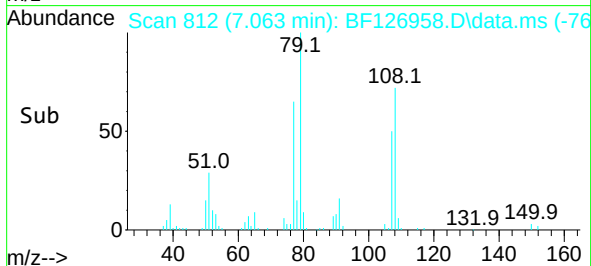
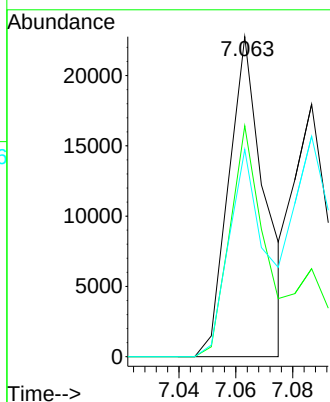
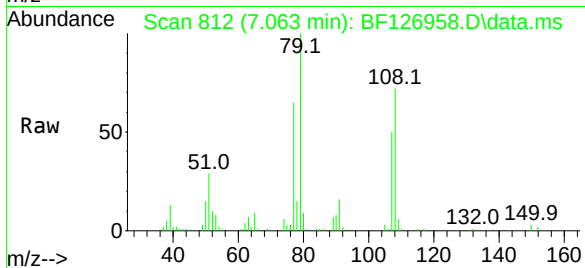
Tgt Ion: 79 Resp: 20053

Ion Ratio Lower Upper

79 100

108 72.1 63.2 94.8

77 64.7 49.4 74.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.448 ng

RT: 7.198 min Scan# 835

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

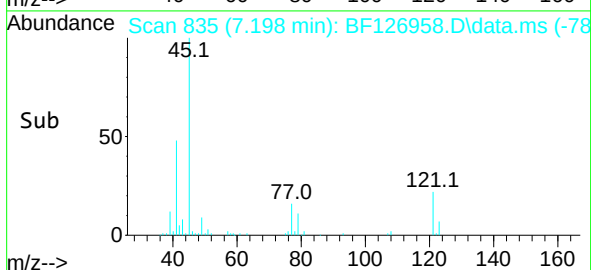
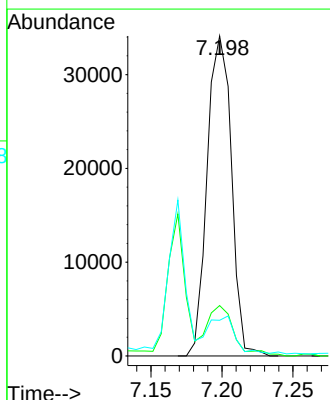
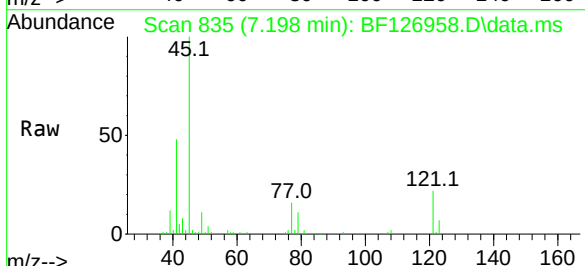
Tgt Ion: 45 Resp: 40477

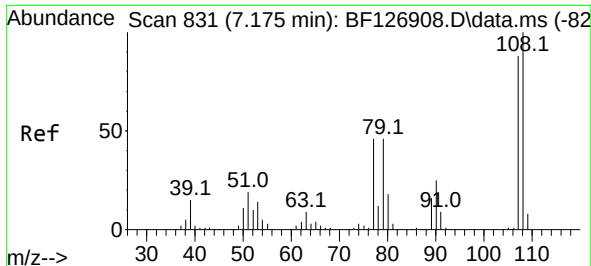
Ion Ratio Lower Upper

45 100

77 15.7 0.0 32.4

79 11.2 0.0 29.8





#17

2-Methylphenol

Concen: 3.818 ng

RT: 7.169 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion:107 Resp: 24708

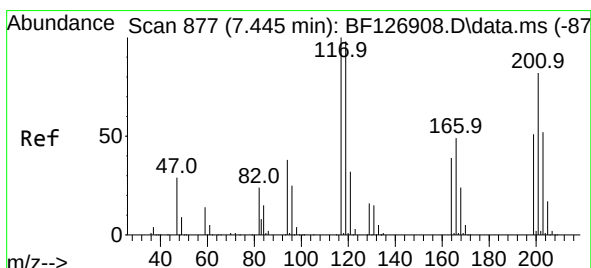
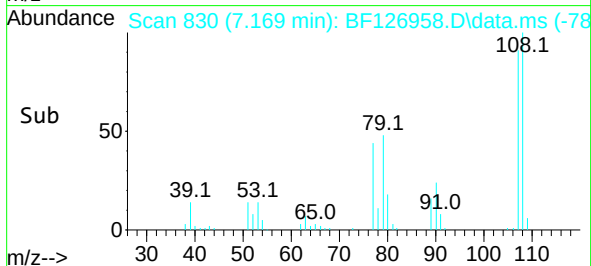
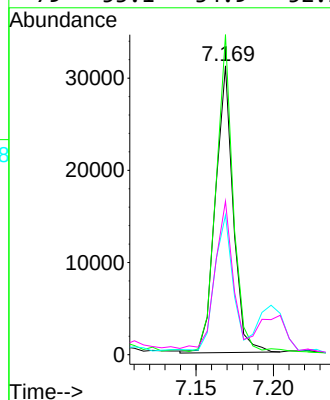
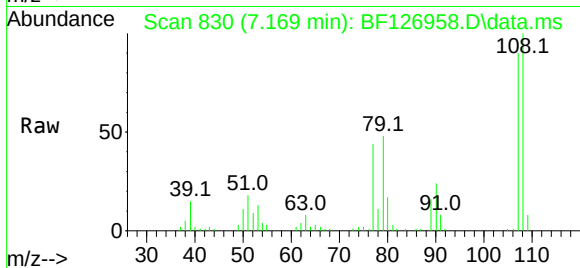
Ion Ratio Lower Upper

107 100

108 110.8 93.4 140.0

77 48.4 36.1 54.1

79 53.1 34.9 52.3#



#18

Hexachloroethane

Concen: 3.847 ng

RT: 7.440 min Scan# 876

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

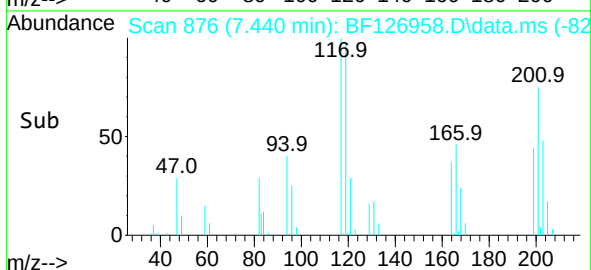
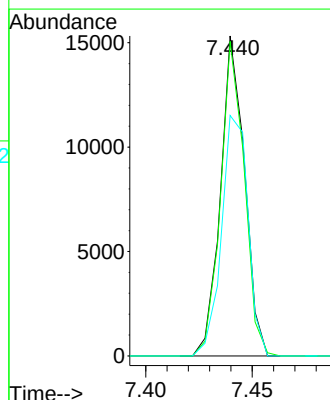
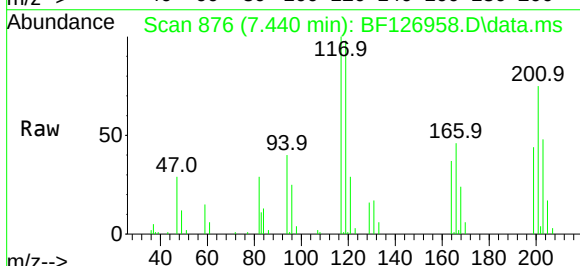
Tgt Ion:117 Resp: 12062

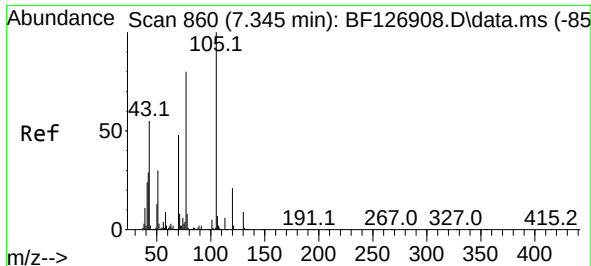
Ion Ratio Lower Upper

117 100

119 98.3 75.4 113.0

201 75.2 56.8 85.2

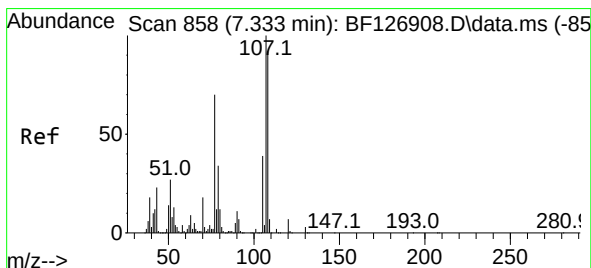
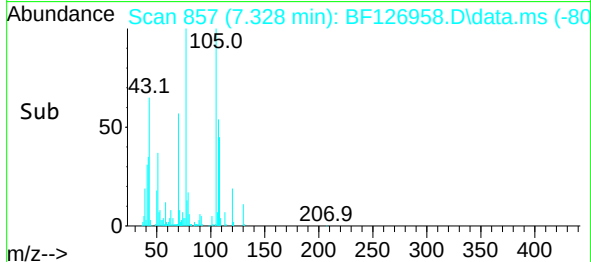
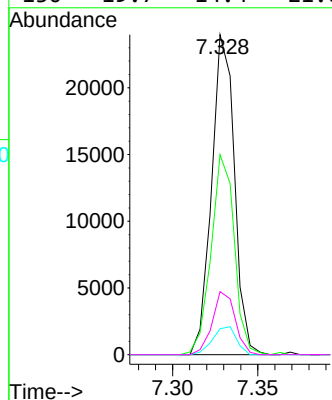
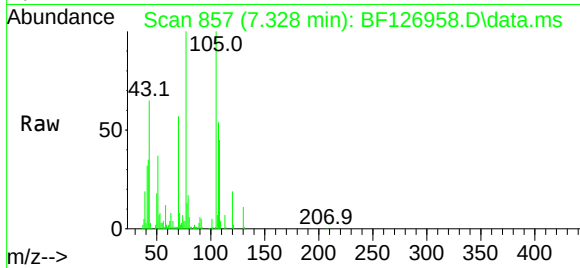




#19  
n-Nitroso-di-n-propylamine  
Concen: 3.677 ng  
RT: 7.328 min Scan# 857  
Delta R.T. -0.017 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

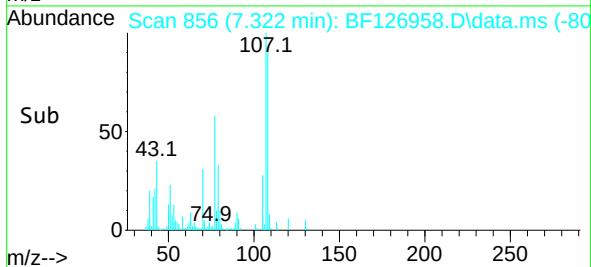
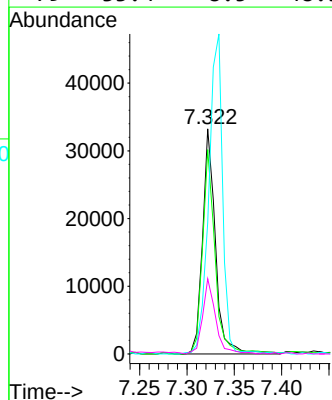
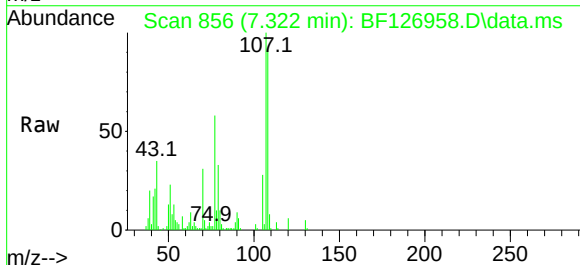
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

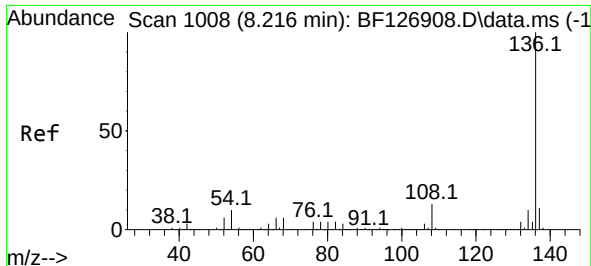
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 22289 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 62.5  | 45.8  | 68.8  |
| 101      | 8.1   | 6.9   | 10.3  |
| 130      | 19.7  | 14.4  | 21.6  |



#20  
3+4-Methylphenols  
Concen: 3.772 ng  
RT: 7.322 min Scan# 856  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

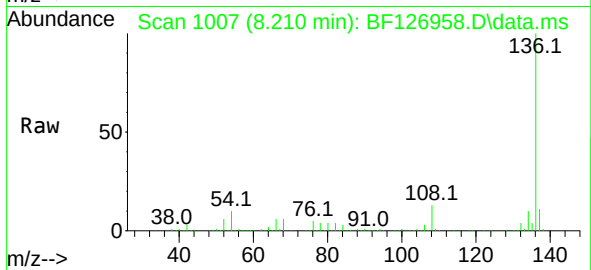
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 31698  |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.8  | 72.4  | 112.4  |
| 77       | 58.4  | 83.8  | 123.8# |
| 79       | 33.4  | 8.5   | 48.5   |



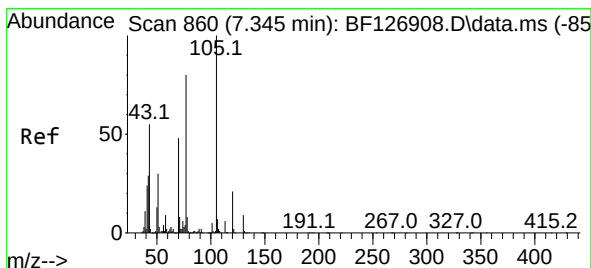
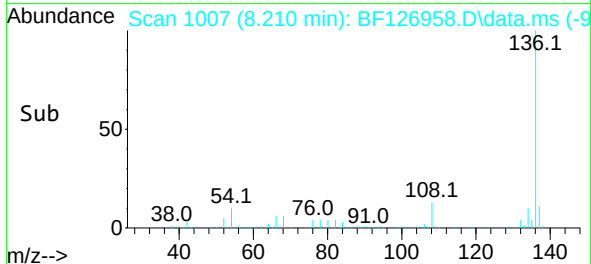
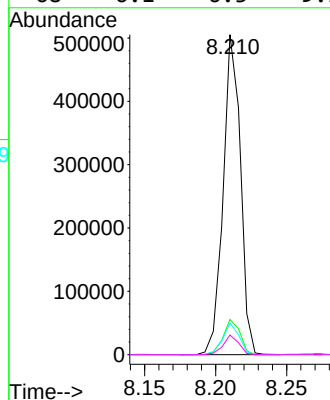


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.210 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

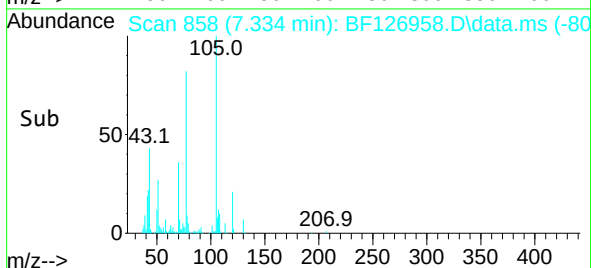
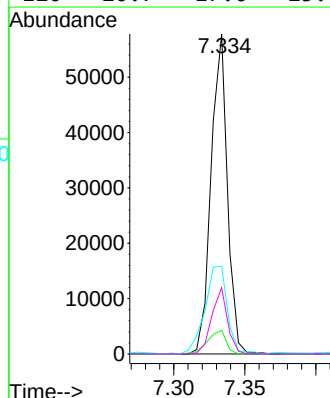
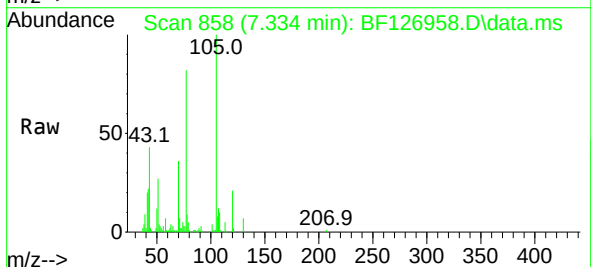


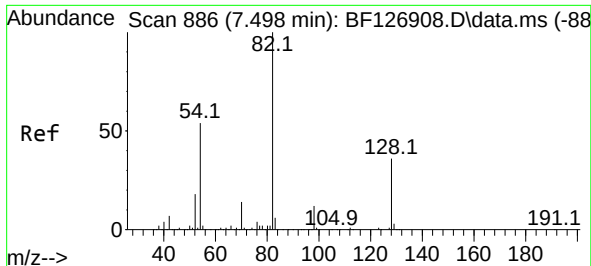
Tgt Ion:136 Resp: 426263  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 9.9 7.8 11.6  
68 6.1 6.3 9.5#



#22  
Acetophenone  
Concen: 4.116 ng  
RT: 7.334 min Scan# 858  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:105 Resp: 46190  
Ion Ratio Lower Upper  
105 100  
71 7.4 5.4 8.0  
51 27.4 27.4 41.0#  
120 20.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.371 ng

RT: 7.498 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

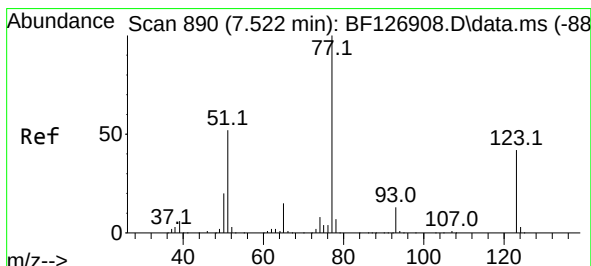
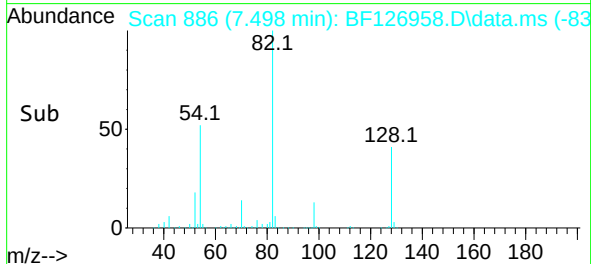
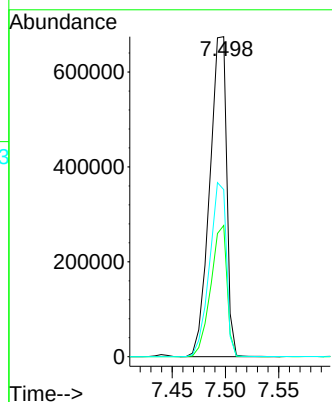
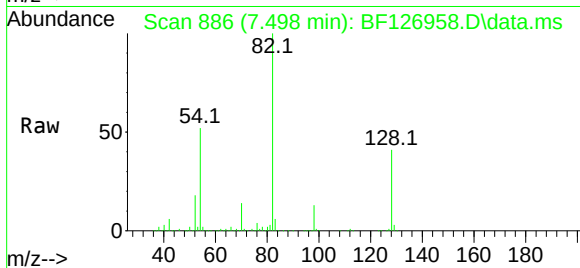
BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 82 Resp: 749556

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.0  | 32.7  | 49.1  |
| 54  | 52.2  | 41.7  | 62.5  |



#24

Nitrobenzene

Concen: 4.045 ng

RT: 7.510 min Scan# 888

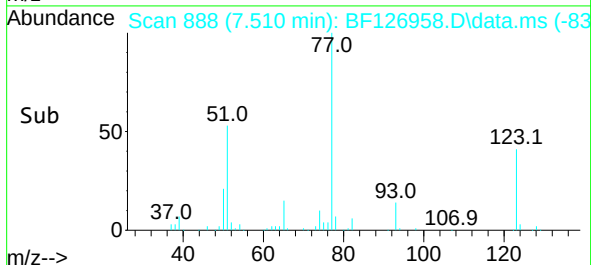
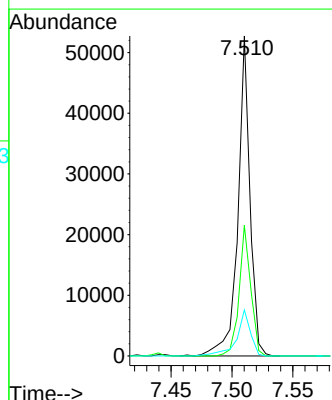
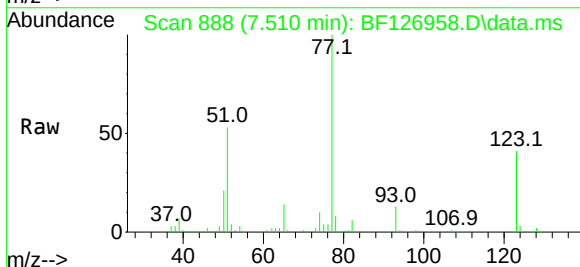
Delta R.T. -0.012 min

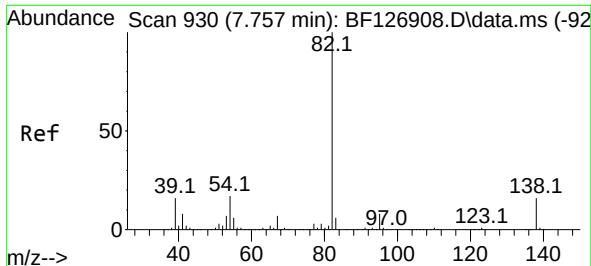
Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Tgt Ion: 77 Resp: 36090

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 40.8  | 34.6  | 52.0  |
| 65  | 14.4  | 10.6  | 15.8  |

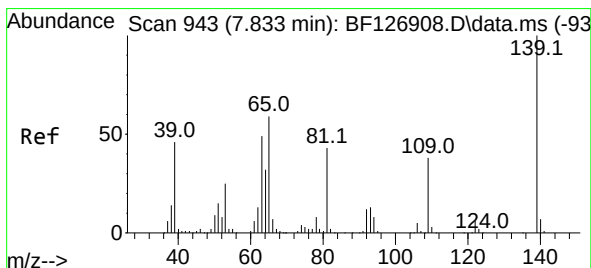
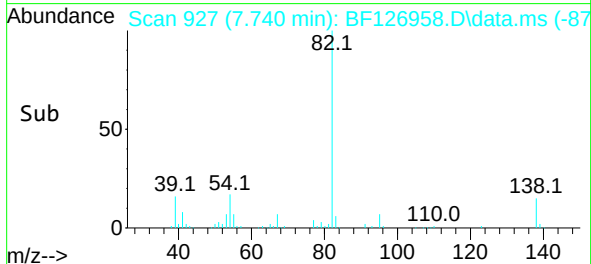
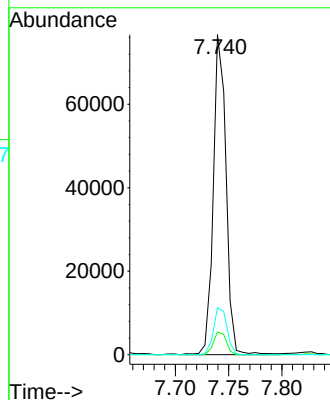
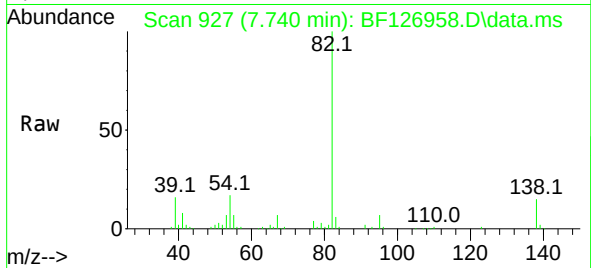




#25  
Isophorone  
Concen: 4.081 ng  
RT: 7.740 min Scan# 91  
Delta R.T. -0.017 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

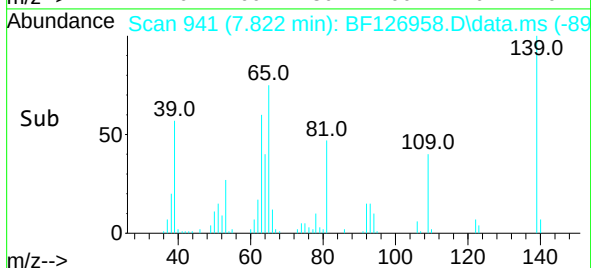
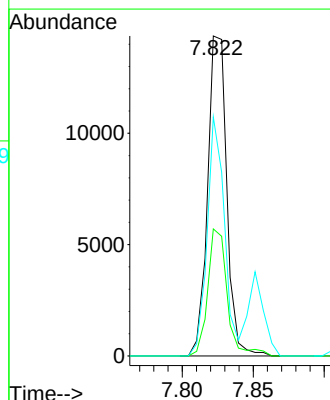
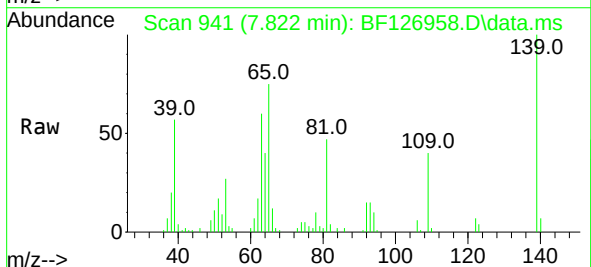
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

Tgt Ion: 82 Resp: 63780  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.0 7.4  
138 14.7 12.3 18.5

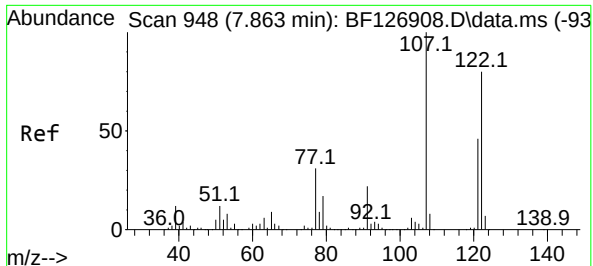


#26  
2-Nitrophenol  
Concen: 3.563 ng  
RT: 7.822 min Scan# 941  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion: 139 Resp: 13533  
Ion Ratio Lower Upper  
139 100  
109 39.7 20.0 30.0#  
65 74.7 40.8 61.2#







#27

2,4-Dimethylphenol

Concen: 4.272 ng

RT: 7.851 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

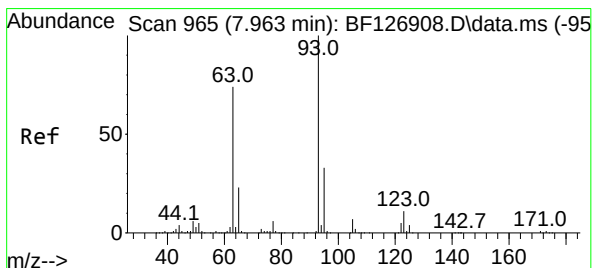
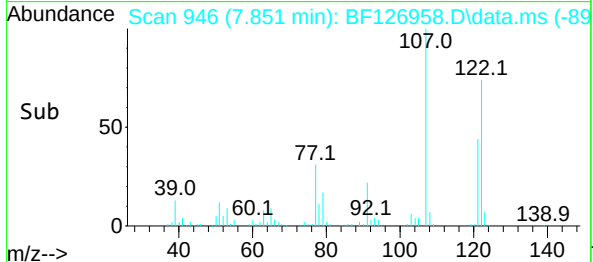
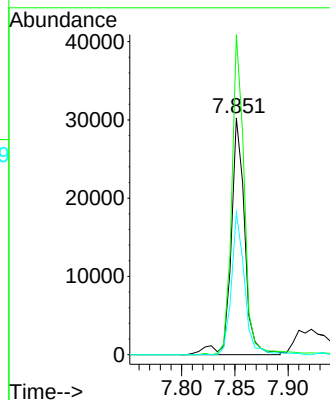
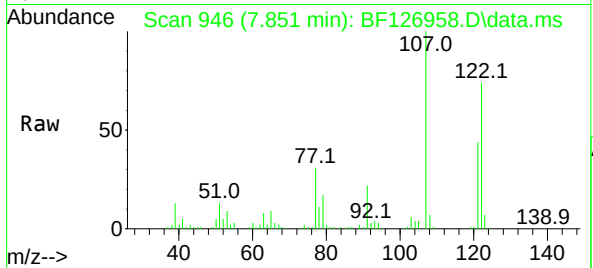
Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:122 | Resp: | 26654      |
| Ion Ratio   | Lower | Upper      |
| 122         | 100   |            |
| 107         | 135.1 | 91.2 136.8 |
| 121         | 60.0  | 44.4 66.6  |



#28

bis(2-Chloroethoxy)methane

Concen: 3.717 ng

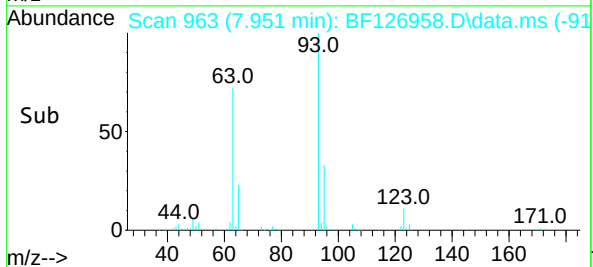
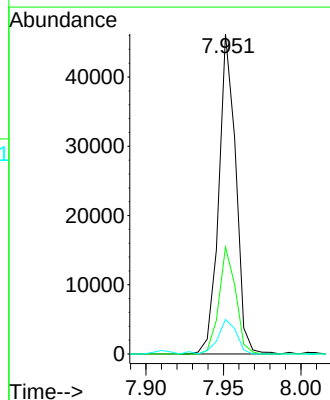
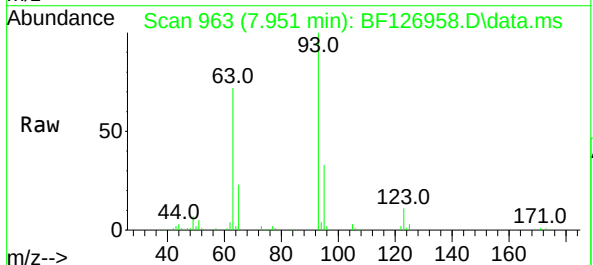
RT: 7.951 min Scan# 963

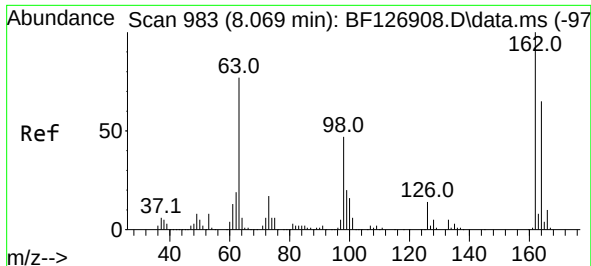
Delta R.T. -0.012 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 93 | Resp: | 35215     |
| Ion Ratio   | Lower | Upper     |
| 93          | 100   |           |
| 95          | 33.4  | 25.4 38.2 |
| 123         | 10.8  | 8.9 13.3  |





#29

2,4-Dichlorophenol

Concen: 3.619 ng

RT: 8.063 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

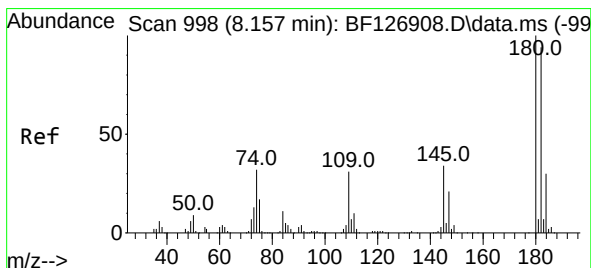
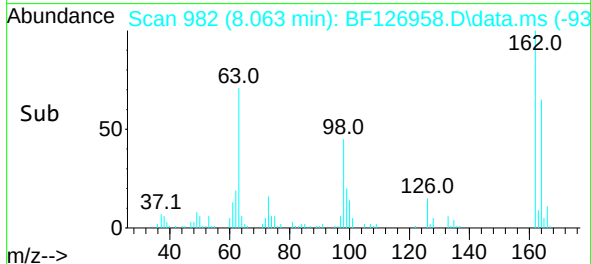
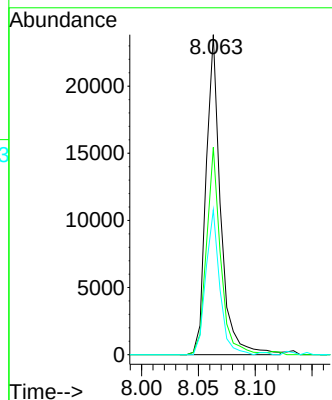
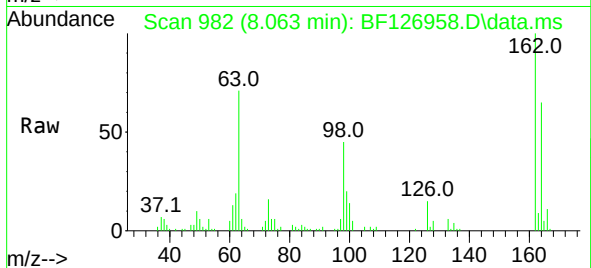
Tgt Ion:162 Resp: 21231

Ion Ratio Lower Upper

162 100

164 64.8 43.8 83.8

98 45.2 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 3.767 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

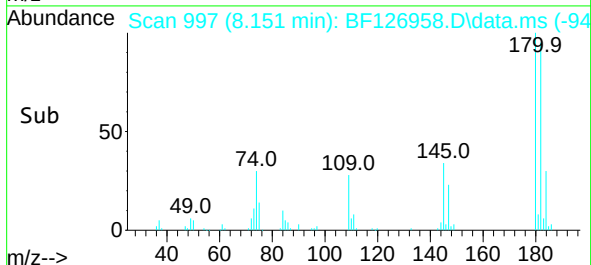
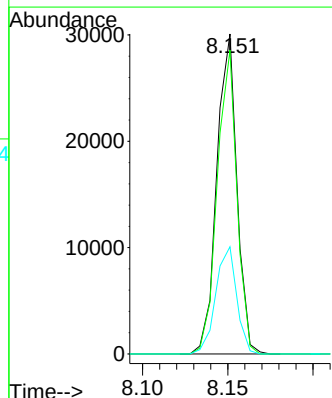
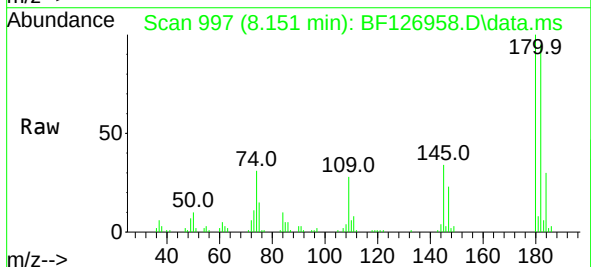
Tgt Ion:180 Resp: 24705

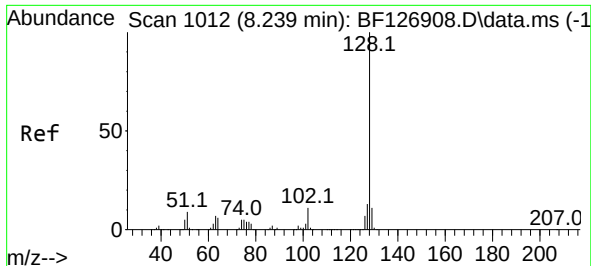
Ion Ratio Lower Upper

180 100

182 95.0 75.5 113.3

145 33.5 26.2 39.2

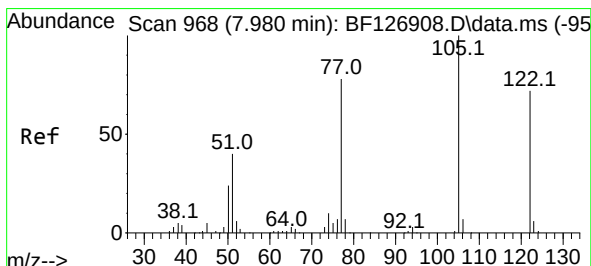
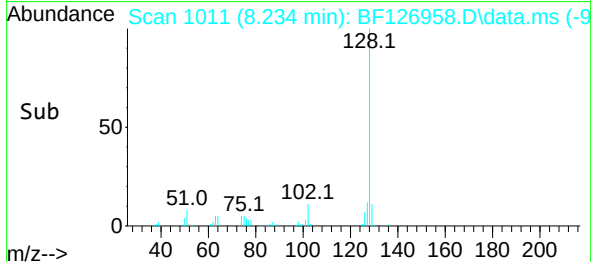
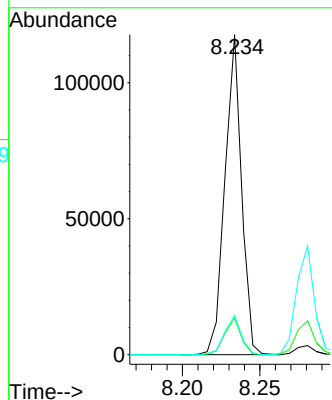
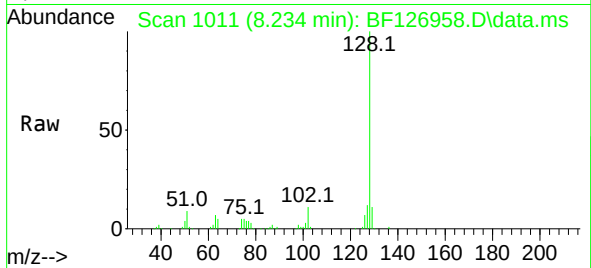




#31  
Naphthalene  
Concen: 3.950 ng  
RT: 8.234 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

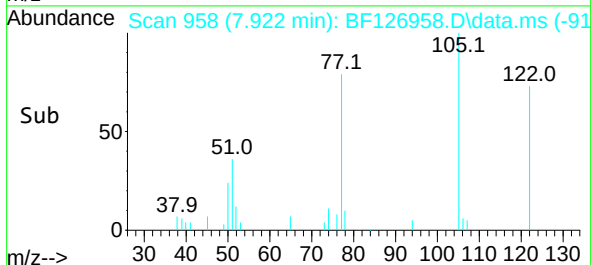
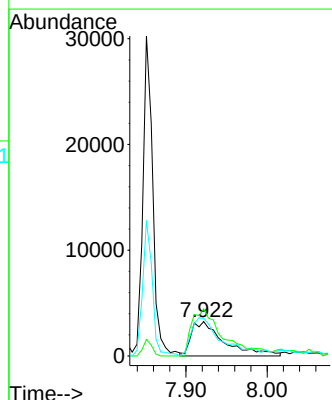
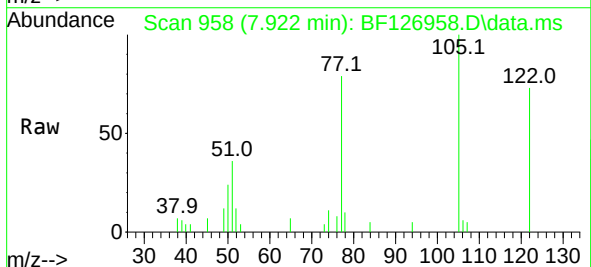
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

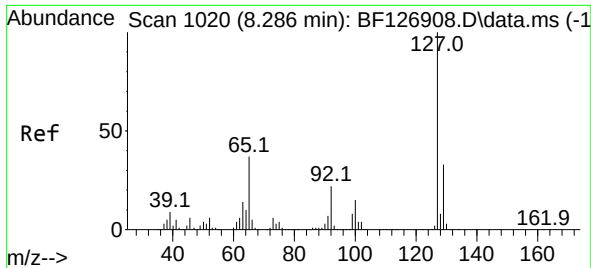
Tgt Ion:128 Resp: 87893  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.6 13.0  
127 12.2 10.3 15.5



#32  
Benzoic acid  
Concen: 2.060 ng  
RT: 7.922 min Scan# 958  
Delta R.T. -0.059 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:122 Resp: 9116  
Ion Ratio Lower Upper  
122 100  
105 137.2 101.0 141.0  
77 109.0 74.5 114.5

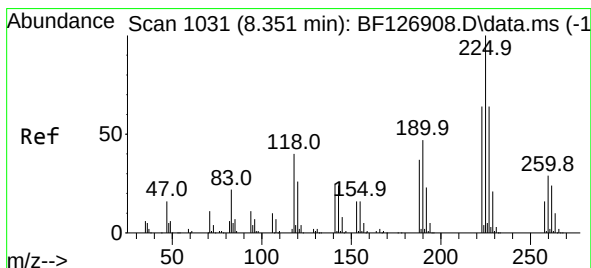
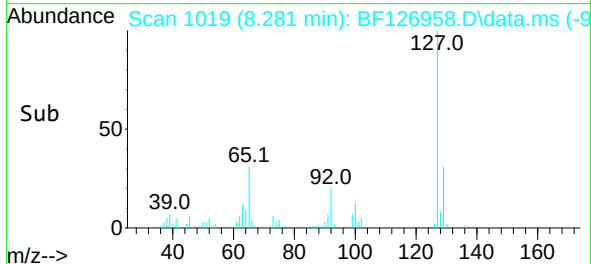
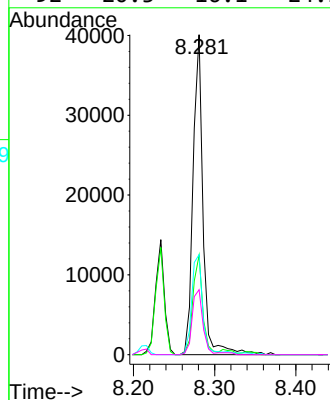
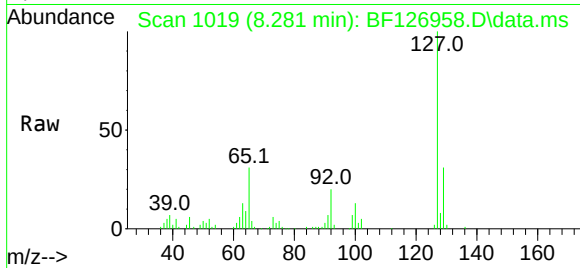




#33  
4-Chloroaniline  
Concen: 3.942 ng  
RT: 8.281 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

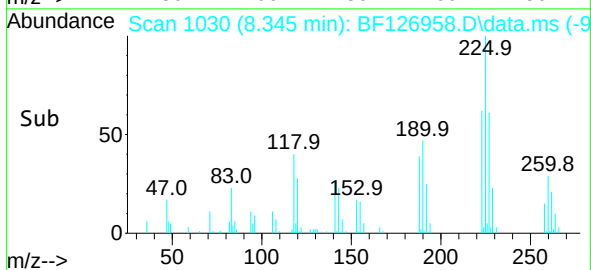
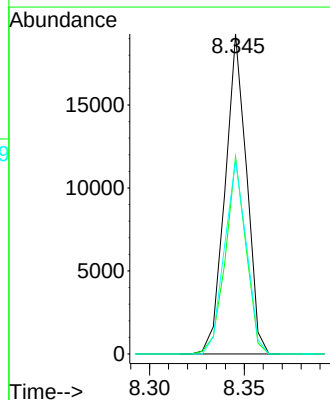
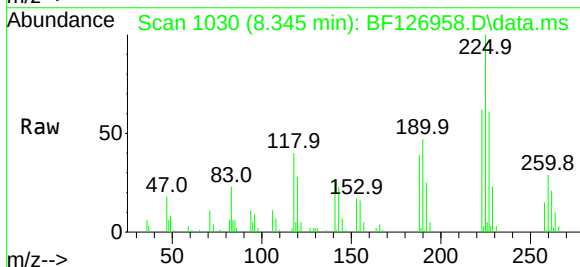
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

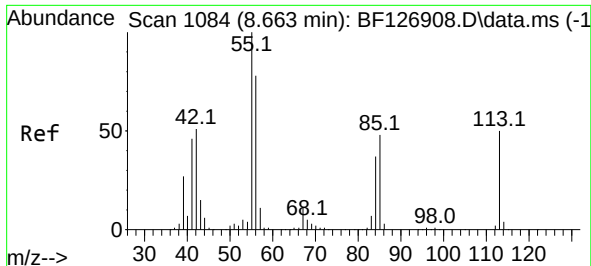
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 34524     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.1  | 26.5 39.7 |
| 65          | 31.3  | 26.6 39.8 |
| 92          | 20.3  | 16.1 24.1 |



#34  
Hexachlorobutadiene  
Concen: 3.956 ng  
RT: 8.345 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 15149     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 61.7  | 48.6 73.0 |
| 227         | 60.6  | 51.4 77.0 |

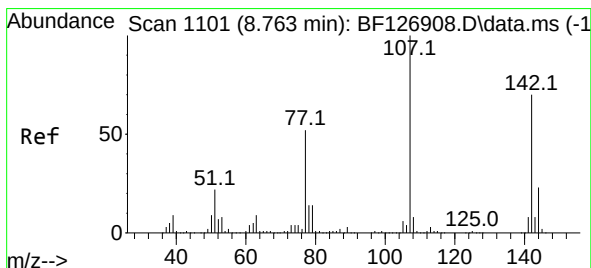
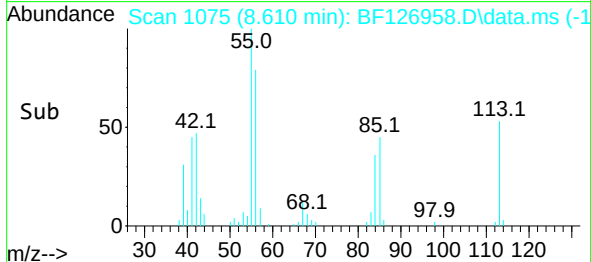
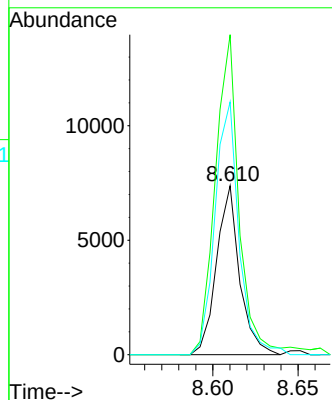
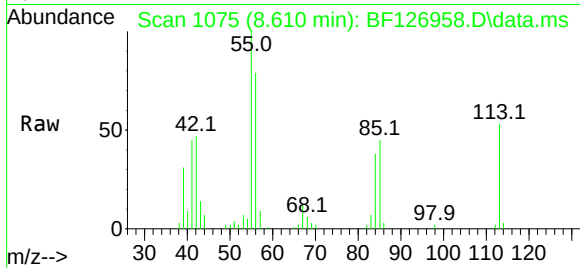




#35  
 Caprolactam  
 Concen: 3.396 ng  
 RT: 8.610 min Scan# 1098  
 Delta R.T. -0.053 min  
 Lab File: BF126958.D  
 Acq: 18 Feb 2022 18:06

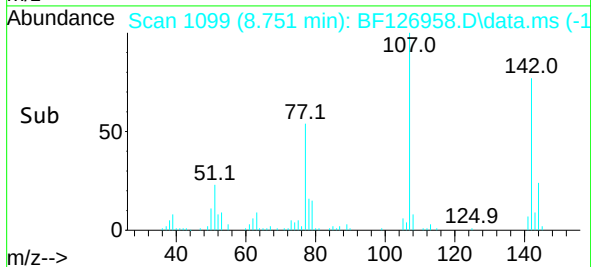
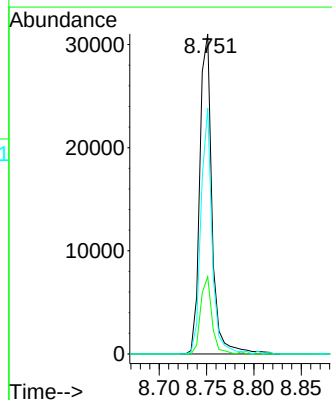
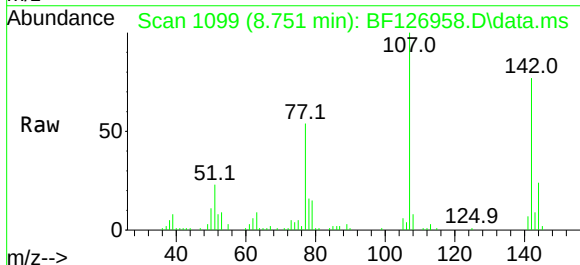
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2021

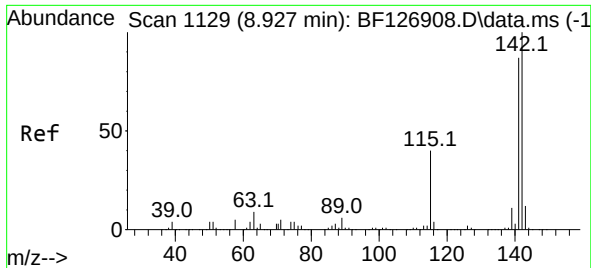
Tgt Ion:113 Resp: 6958  
 Ion Ratio Lower Upper  
 113 100  
 55 189.4 183.9 223.9  
 56 149.6 129.9 169.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 3.726 ng  
 RT: 8.751 min Scan# 1099  
 Delta R.T. -0.012 min  
 Lab File: BF126958.D  
 Acq: 18 Feb 2022 18:06

Tgt Ion:107 Resp: 27939  
 Ion Ratio Lower Upper  
 107 100  
 144 24.1 18.5 27.7  
 142 76.8 58.1 87.1

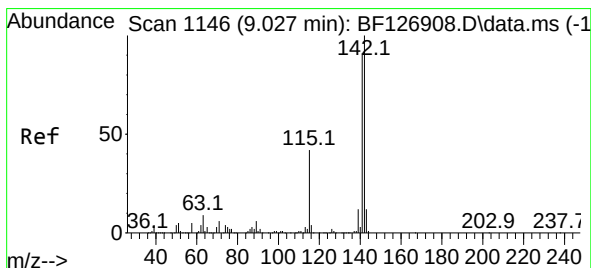
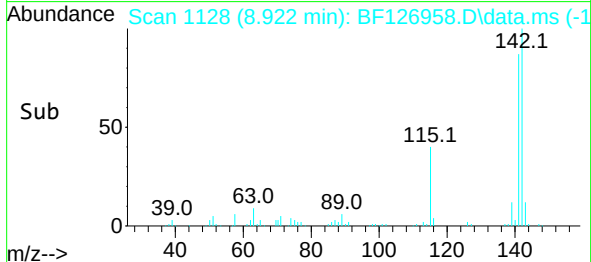
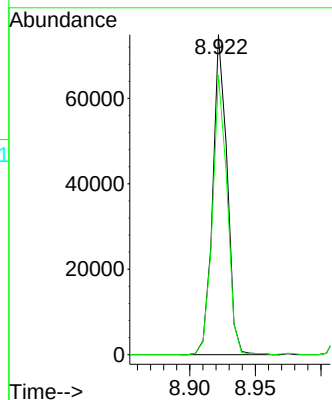
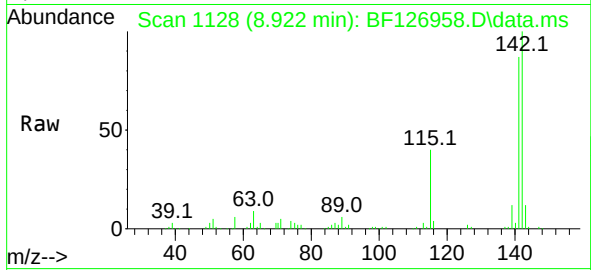




#37  
2-Methylnaphthalene  
Concen: 3.953 ng  
RT: 8.922 min Scan# 1129  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

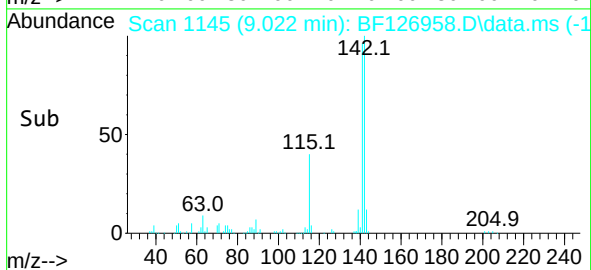
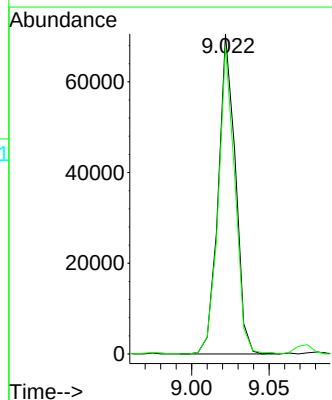
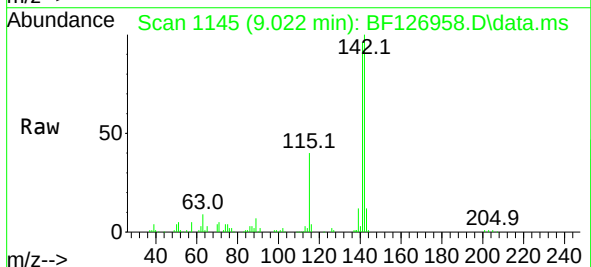
Instrument : BNA\_F  
ClientSampleId : MDL-WATER-03-QT4-2021

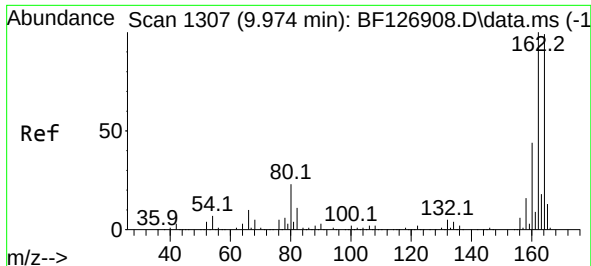
Tgt Ion:142 Resp: 57073  
Ion Ratio Lower Upper  
142 100  
141 87.4 68.6 102.8



#38  
1-Methylnaphthalene  
Concen: 3.925 ng  
RT: 9.022 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:142 Resp: 54275  
Ion Ratio Lower Upper  
142 100  
141 96.1 72.1 108.1

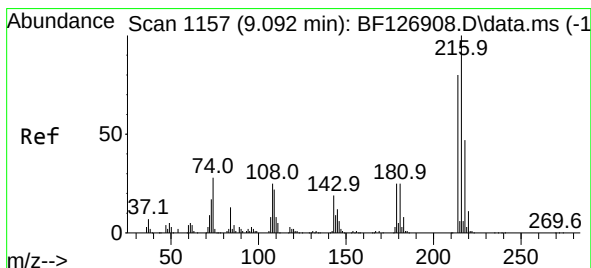
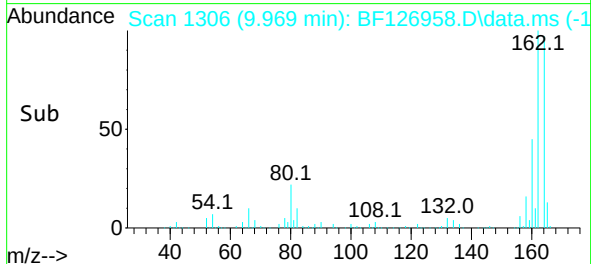
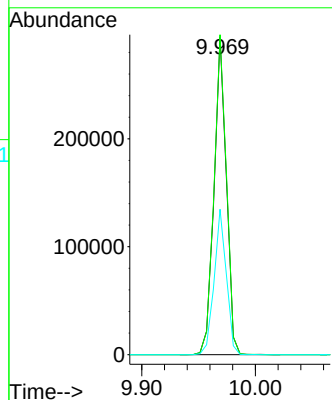
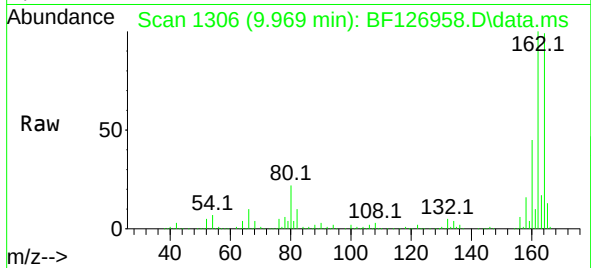




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.969 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

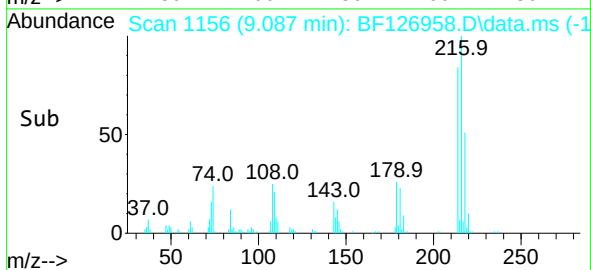
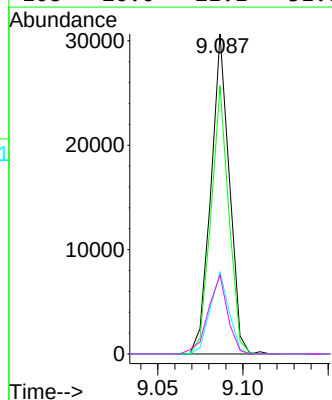
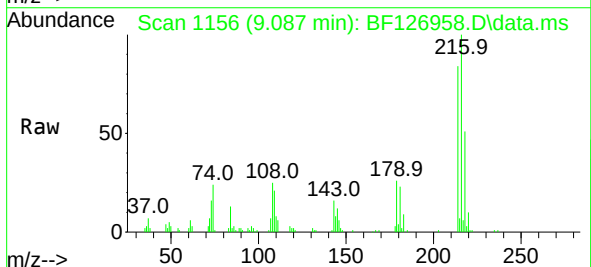
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

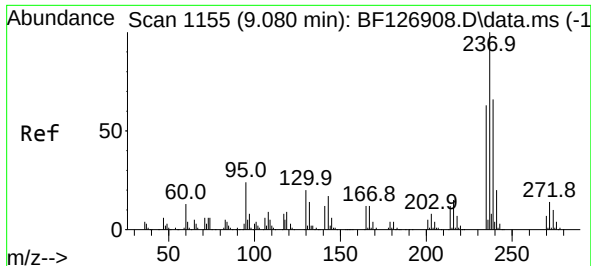
Tgt Ion:164 Resp: 221563  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.4 122.0  
160 45.8 36.6 54.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 3.947 ng  
RT: 9.087 min Scan# 1156  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:216 Resp: 23018  
Ion Ratio Lower Upper  
216 100  
214 80.8 64.6 96.8  
179 25.9 19.5 29.3  
108 26.0 21.1 31.7

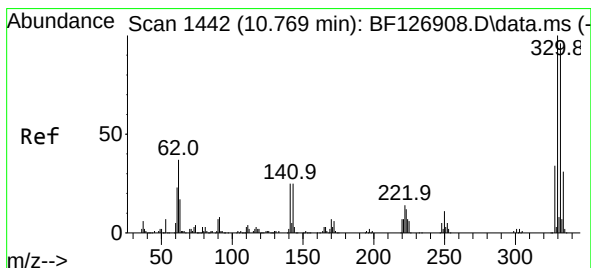
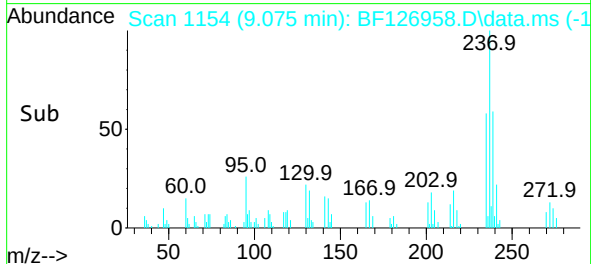
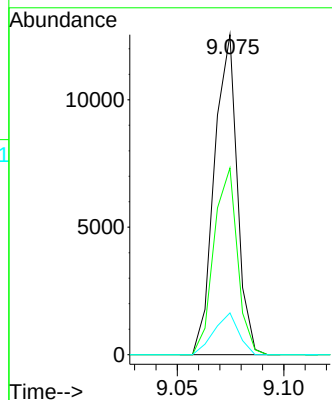
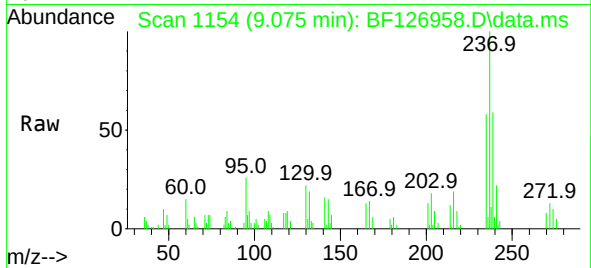




#41  
Hexachlorocyclopentadiene  
Concen: 2.964 ng  
RT: 9.075 min Scan# 1154  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

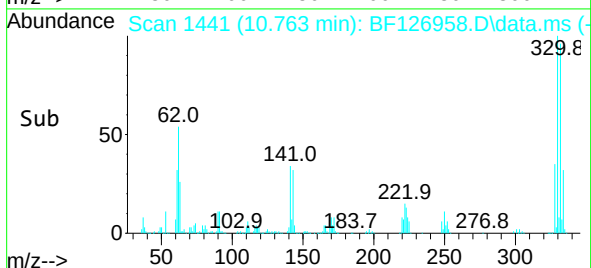
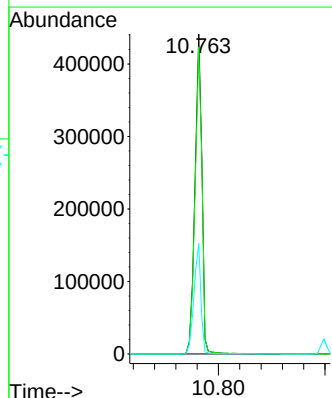
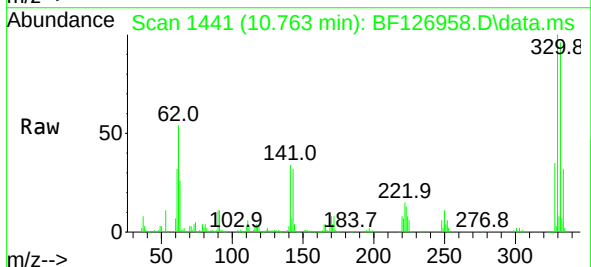
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

Tgt Ion:237 Resp: 9377  
Ion Ratio Lower Upper  
237 100  
235 58.3 38.9 78.9  
272 13.0 0.0 33.5

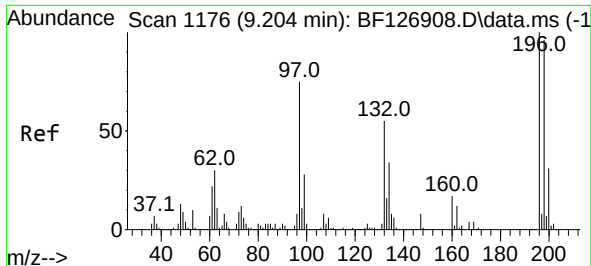


#42  
2,4,6-Tribromophenol  
Concen: 157.282 ng  
RT: 10.763 min Scan# 1441  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:330 Resp: 401226  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.0 114.0  
141 34.6 30.1 45.1



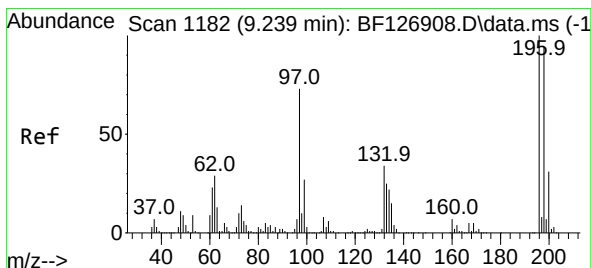
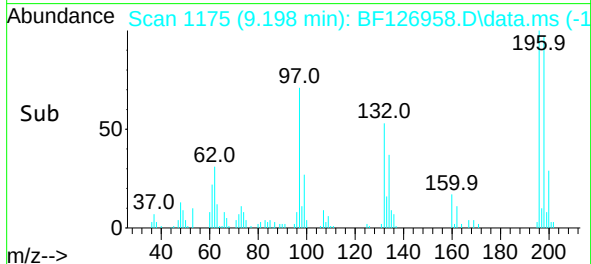
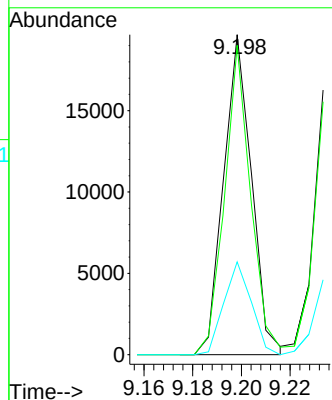
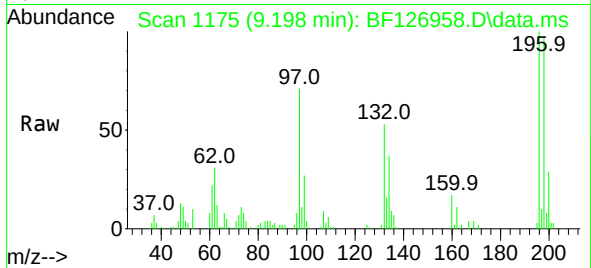




#43  
2,4,6-Trichlorophenol  
Concen: 3.656 ng  
RT: 9.198 min Scan# 1175  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

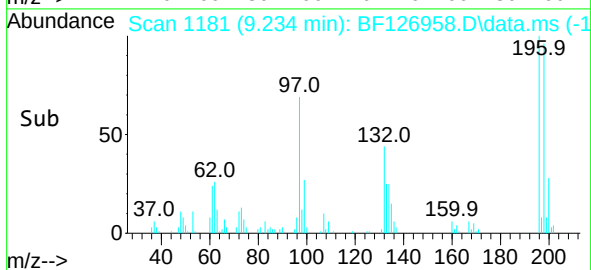
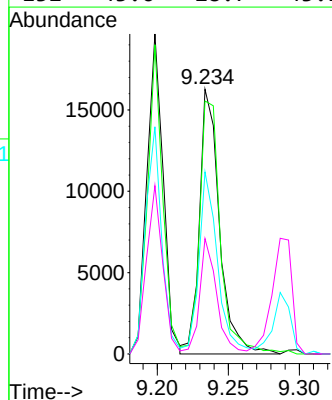
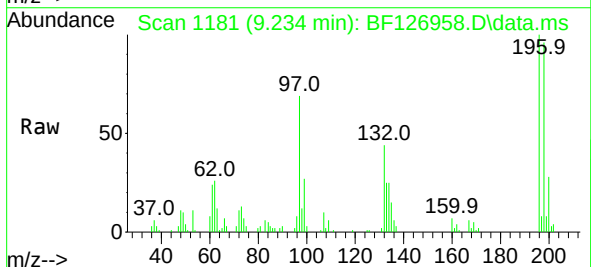
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

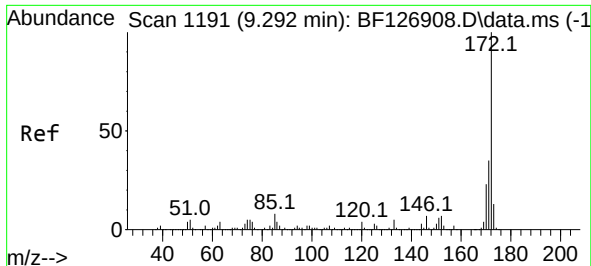
Tgt Ion:196 Resp: 15637  
Ion Ratio Lower Upper  
196 100  
198 96.7 78.5 117.7  
200 29.0 24.9 37.3



#44  
2,4,5-Trichlorophenol  
Concen: 3.554 ng  
RT: 9.234 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:196 Resp: 16000  
Ion Ratio Lower Upper  
196 100  
198 95.6 82.0 123.0  
97 68.8 53.5 80.3  
132 43.6 28.7 43.1#





#45

2-Fluorobiphenyl

Concen: 81.856 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

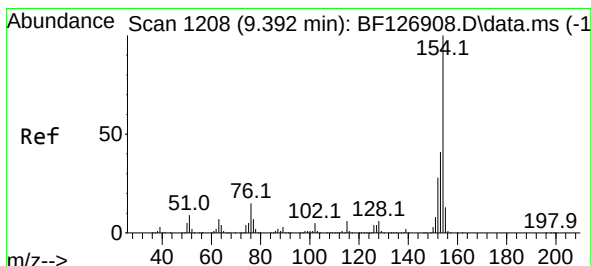
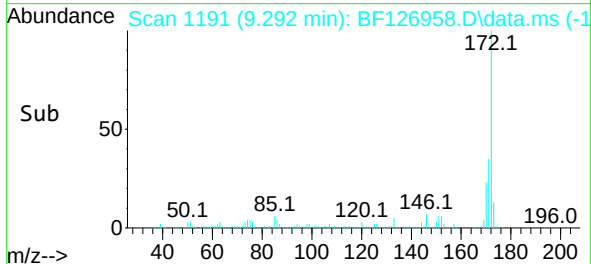
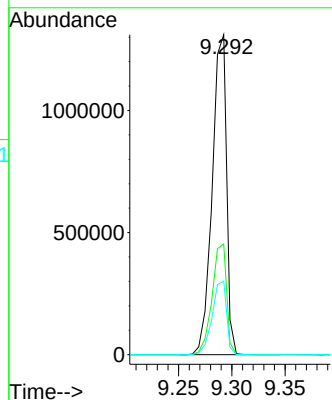
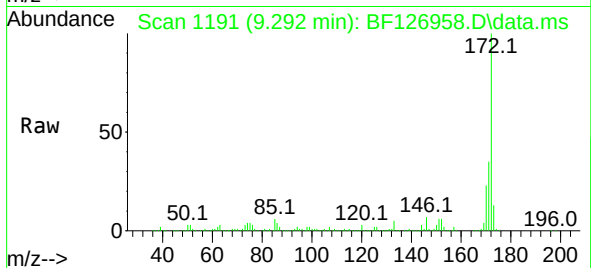
Tgt Ion:172 Resp: 1231952

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 4.134 ng

RT: 9.386 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

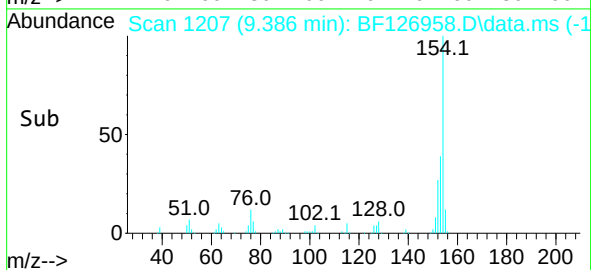
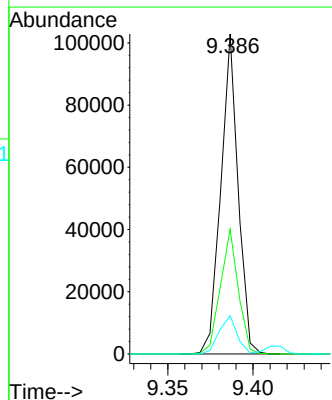
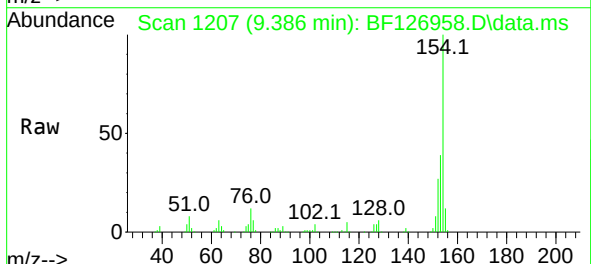
Tgt Ion:154 Resp: 72573

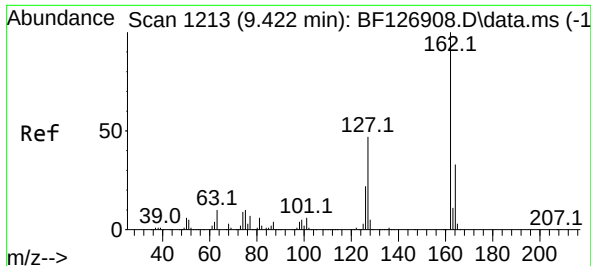
Ion Ratio Lower Upper

154 100

153 38.9 19.0 59.0

76 11.9 0.0 34.5

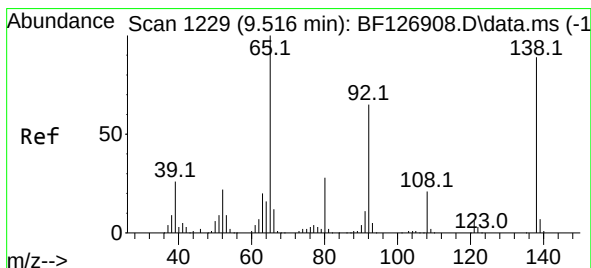
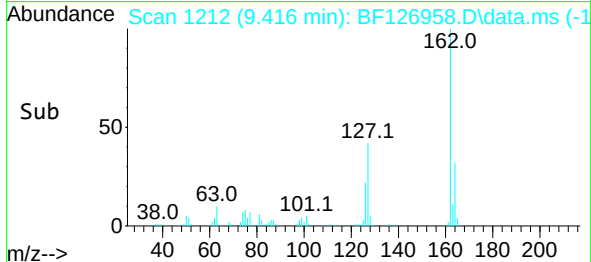
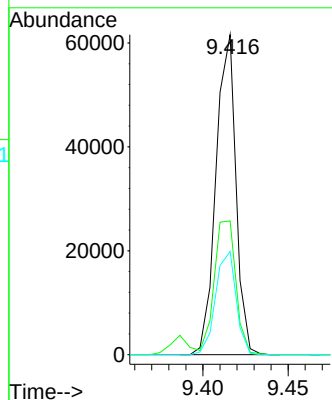
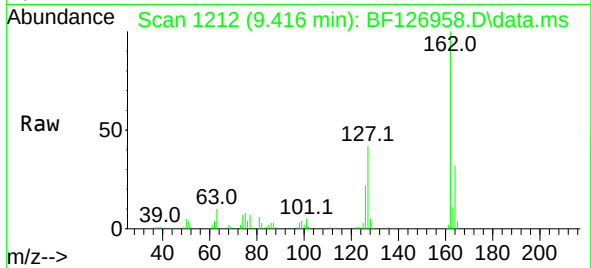




#47  
2-Chloronaphthalene  
Concen: 3.853 ng  
RT: 9.416 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

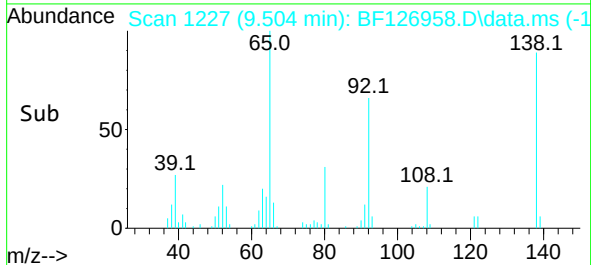
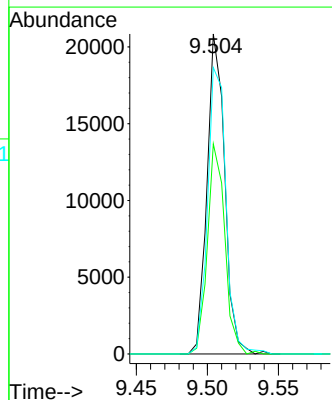
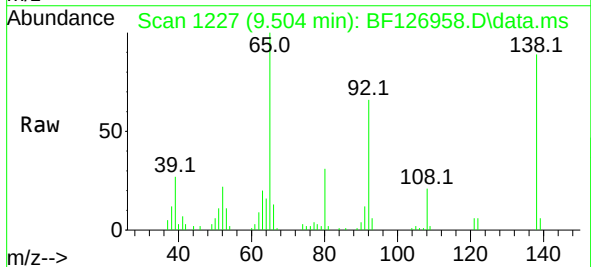
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

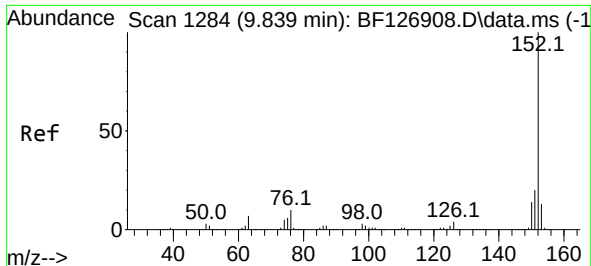
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 50153     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 127         | 41.8  | 33.5 50.3 |
| 164         | 32.2  | 26.2 39.4 |



#48  
2-Nitroaniline  
Concen: 3.528 ng  
RT: 9.504 min Scan# 1227  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 65 | Resp: | 18122      |
| Ion Ratio   | Lower | Upper      |
| 65          | 100   |            |
| 92          | 65.7  | 54.4 81.6  |
| 138         | 89.5  | 72.5 108.7 |





#49

Acenaphthylene

Concen: 4.141 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.012 min

Lab File: BF126958.D

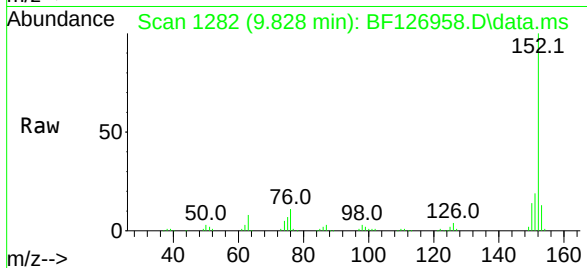
Acq: 18 Feb 2022 18:06

Instrument :

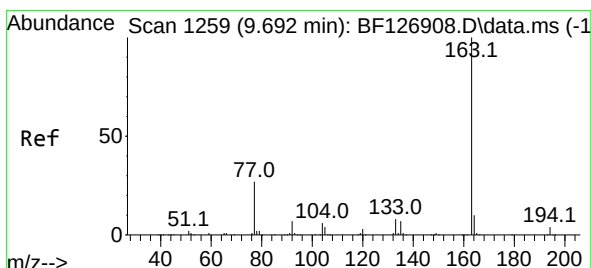
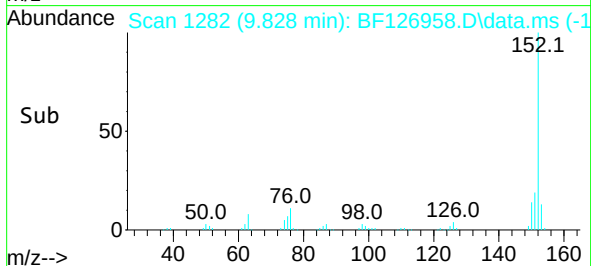
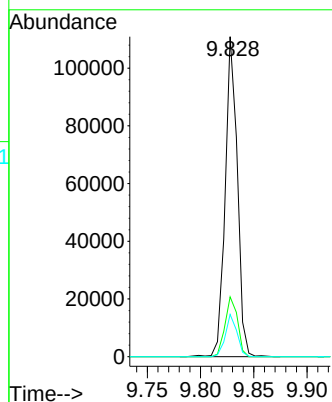
BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 87571     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 18.7  | 15.7 23.5 |
| 153         | 13.2  | 11.4 17.0 |



#50

Dimethylphthalate

Concen: 3.836 ng

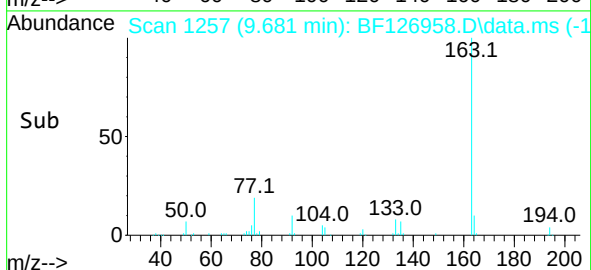
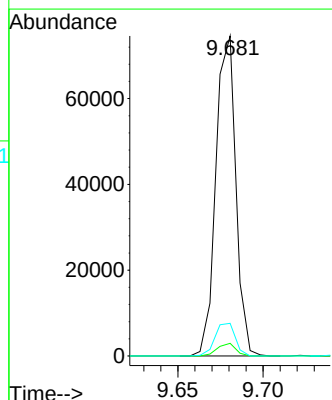
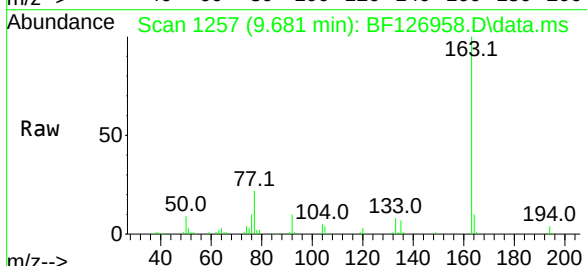
RT: 9.681 min Scan# 1257

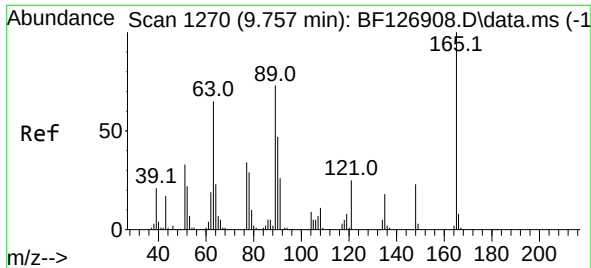
Delta R.T. -0.012 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:163 | Resp: | 60748    |
| Ion Ratio   | Lower | Upper    |
| 163         | 100   |          |
| 194         | 4.0   | 2.6 3.8# |
| 164         | 10.2  | 7.8 11.8 |

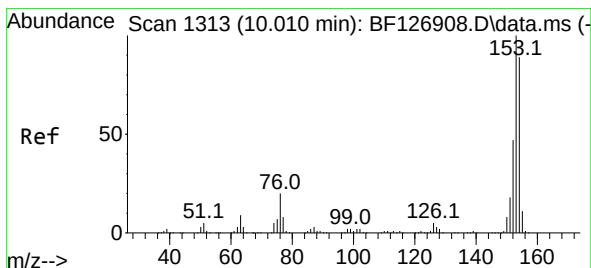
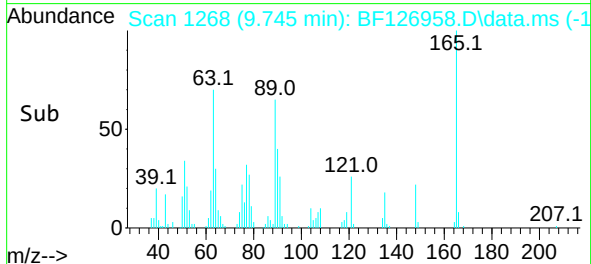
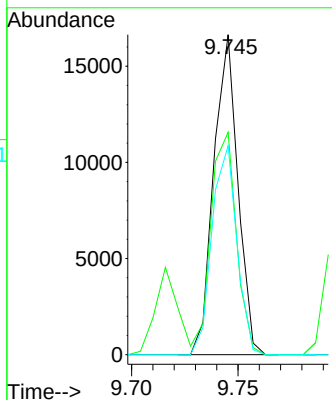
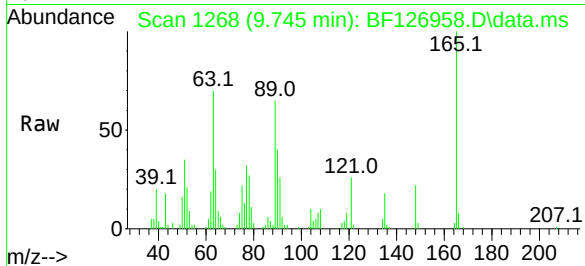




#51  
2,6-Dinitrotoluene  
Concen: 4.053 ng  
RT: 9.745 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

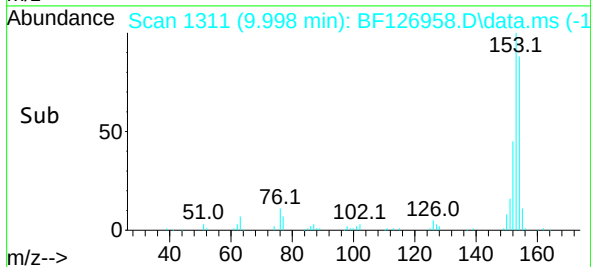
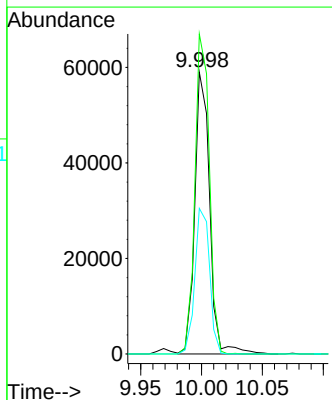
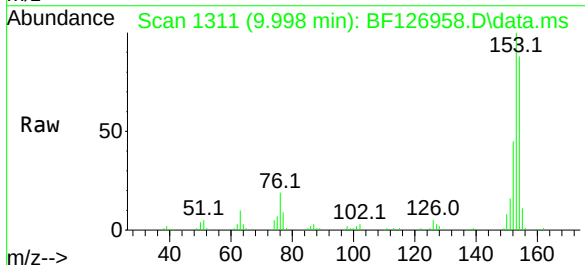
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

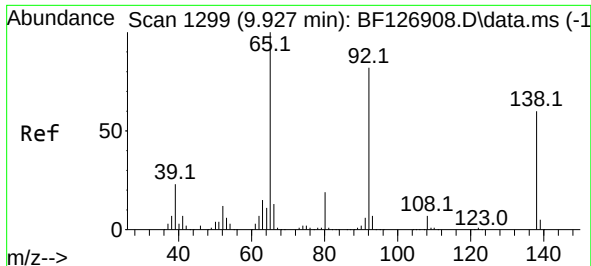
Tgt Ion:165 Resp: 13060  
Ion Ratio Lower Upper  
165 100  
63 69.5 48.4 72.6  
89 65.3 50.5 75.7



#52  
Acenaphthene  
Concen: 3.646 ng  
RT: 9.998 min Scan# 1311  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:154 Resp: 50138  
Ion Ratio Lower Upper  
154 100  
153 113.6 87.8 131.6  
152 51.7 39.4 59.2

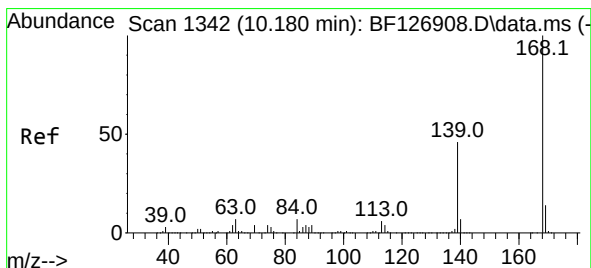
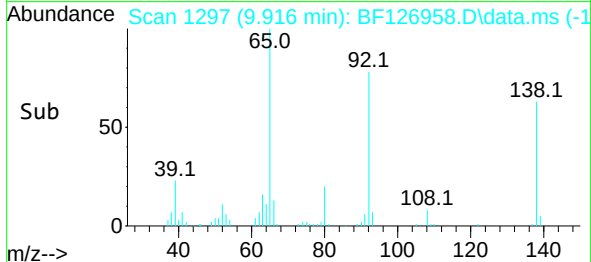
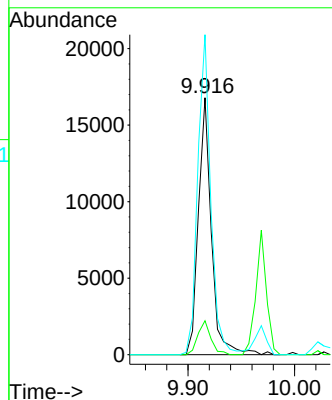
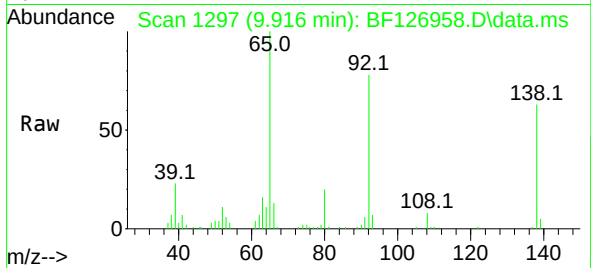




#53  
3-Nitroaniline  
Concen: 3.634 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

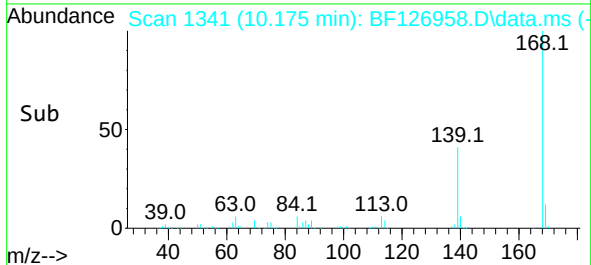
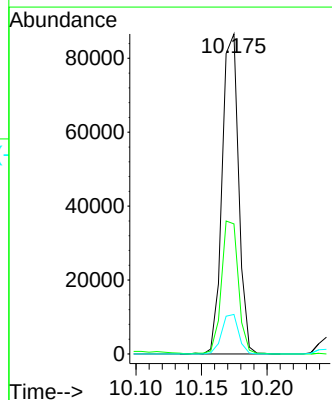
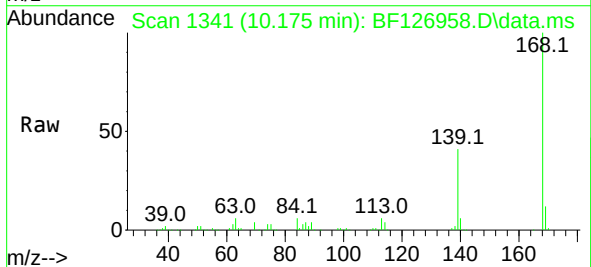
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

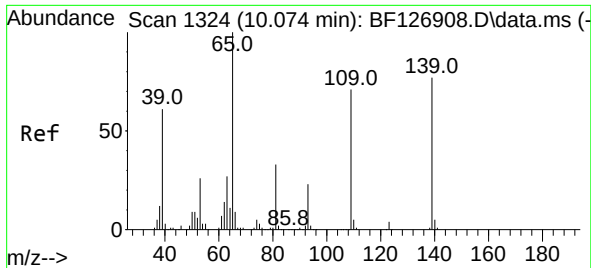
Tgt Ion:138 Resp: 14313  
Ion Ratio Lower Upper  
138 100  
108 13.2 8.6 13.0#  
92 124.5 105.0 157.6



#55  
Dibenzofuran  
Concen: 3.994 ng  
RT: 10.175 min Scan# 1341  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:168 Resp: 75516  
Ion Ratio Lower Upper  
168 100  
139 40.7 30.6 46.0  
169 12.3 10.0 15.0

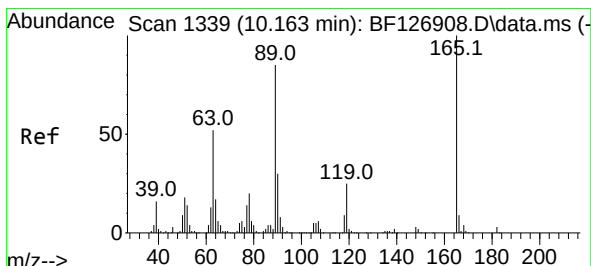
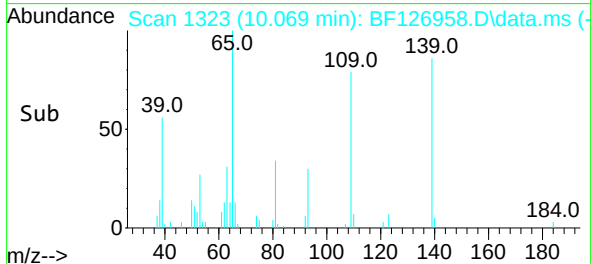
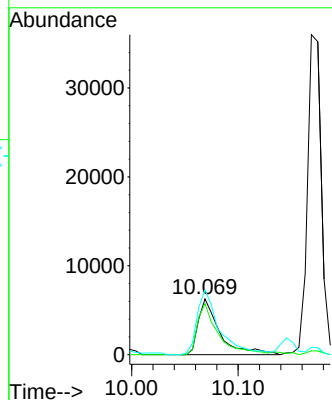
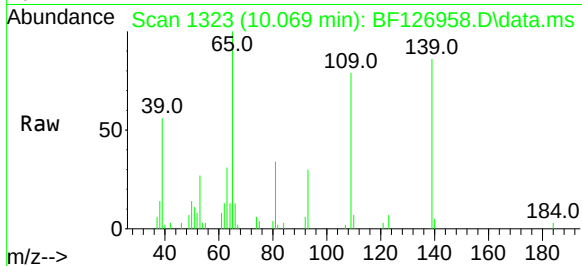




#56  
4-Nitrophenol  
Concen: 3.015 ng  
RT: 10.069 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

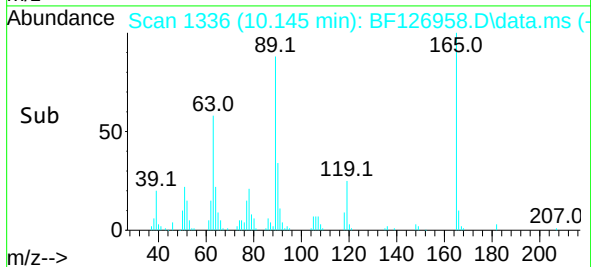
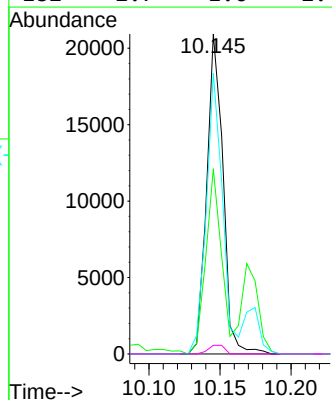
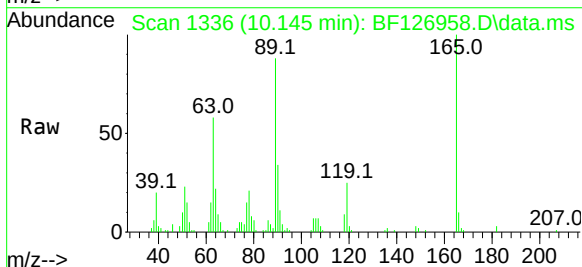
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

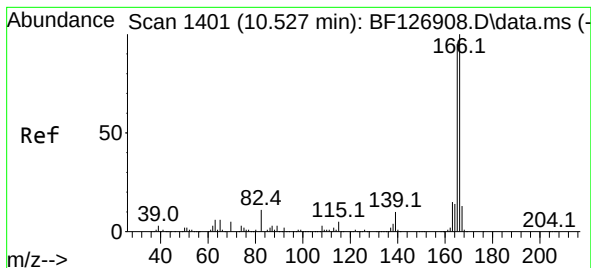
Tgt Ion:139 Resp: 8771  
Ion Ratio Lower Upper  
139 100  
109 91.8 44.1 84.1#  
65 116.3 85.5 125.5



#57  
2,4-Dinitrotoluene  
Concen: 3.848 ng  
RT: 10.145 min Scan# 1336  
Delta R.T. -0.017 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:165 Resp: 16765  
Ion Ratio Lower Upper  
165 100  
63 57.9 43.0 64.6  
89 87.8 71.0 106.4  
182 2.7 1.6 2.4#





#58

Fluorene

Concen: 3.977 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.012 min

Lab File: BF126958.D

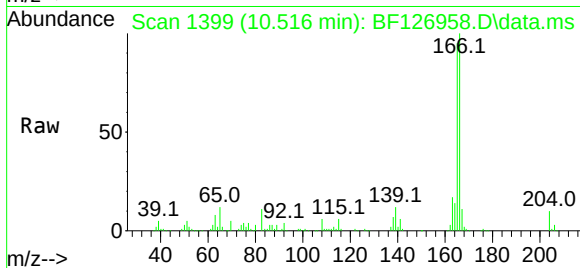
Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021



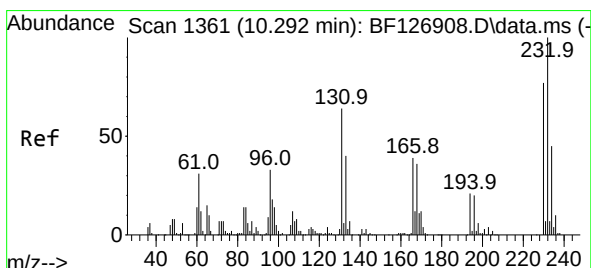
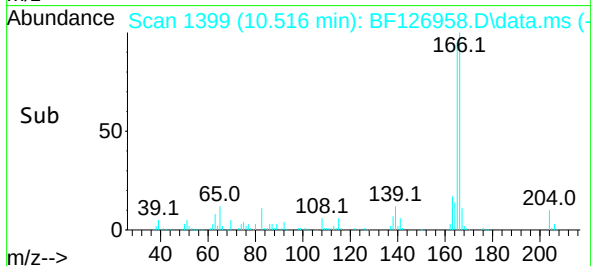
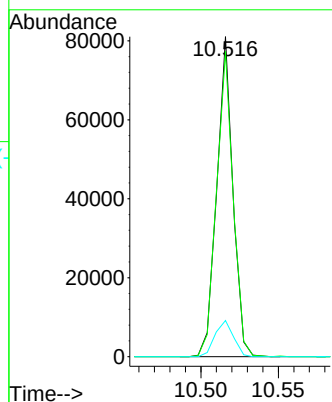
Tgt Ion:166 Resp: 58579

Ion Ratio Lower Upper

166 100

165 95.3 77.7 116.5

167 11.3 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.467 ng

RT: 10.286 min Scan# 1360

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Tgt Ion:232 Resp: 12371

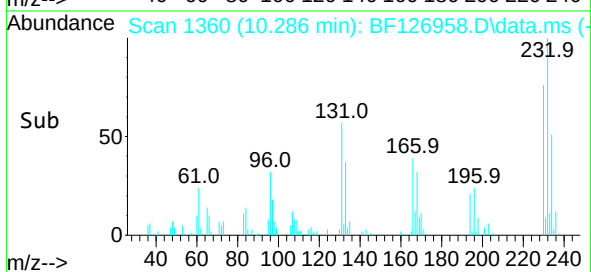
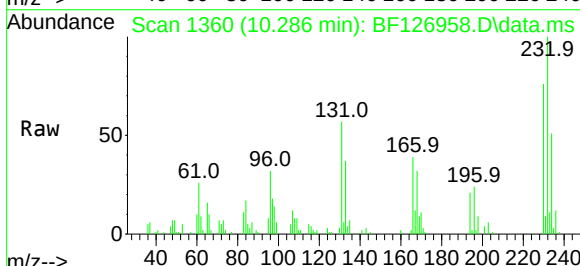
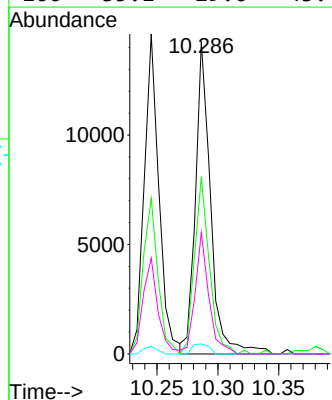
Ion Ratio Lower Upper

232 100

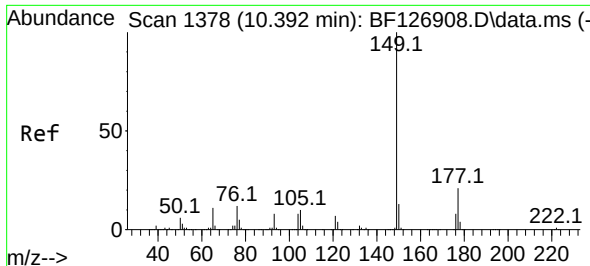
131 56.2 50.0 75.0

130 3.5 2.2 3.2#

166 35.1 29.0 43.4



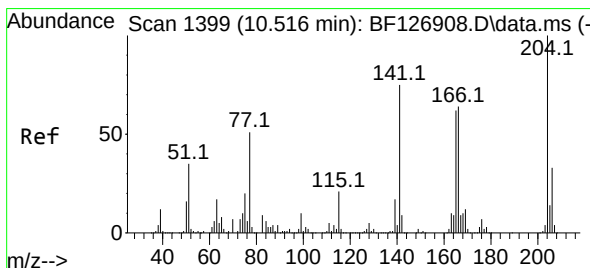
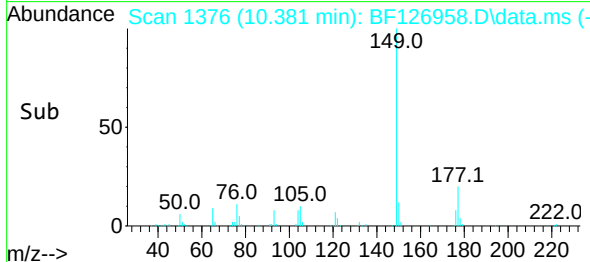
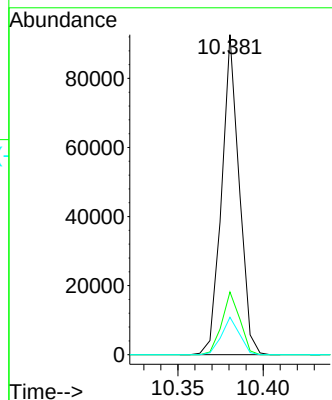
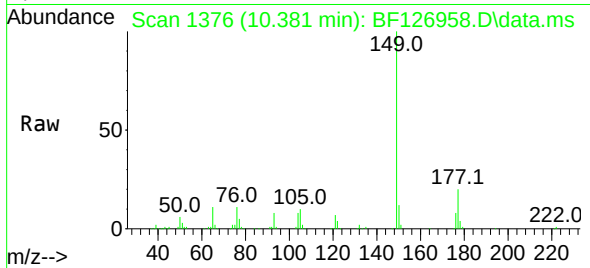




#60  
Diethylphthalate  
Concen: 4.005 ng  
RT: 10.381 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

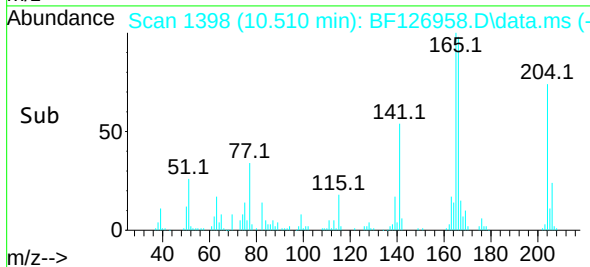
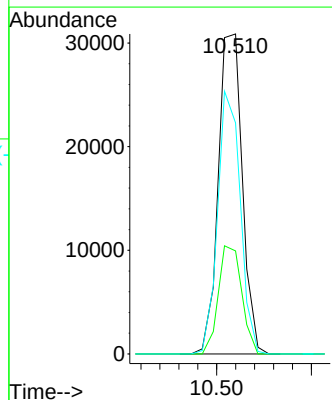
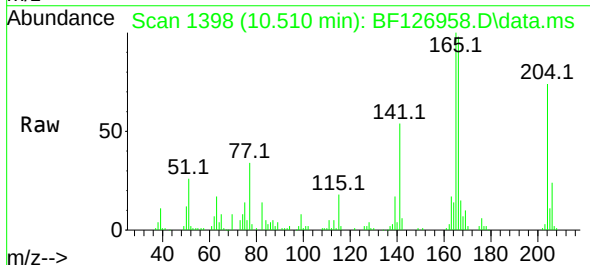
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

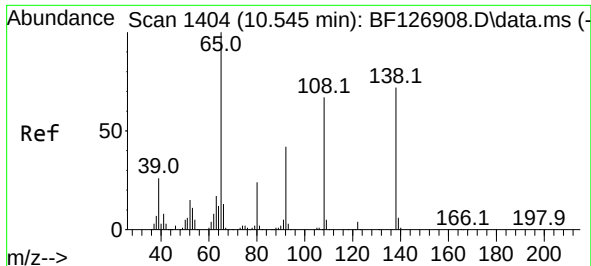
Tgt Ion:149 Resp: 66275  
Ion Ratio Lower Upper  
149 100  
177 19.6 16.7 25.1  
150 11.7 9.8 14.8



#61  
4-Chlorophenyl-phenylether  
Concen: 3.921 ng  
RT: 10.510 min Scan# 1398  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:204 Resp: 27232  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.3 39.5  
141 72.2 59.0 88.6

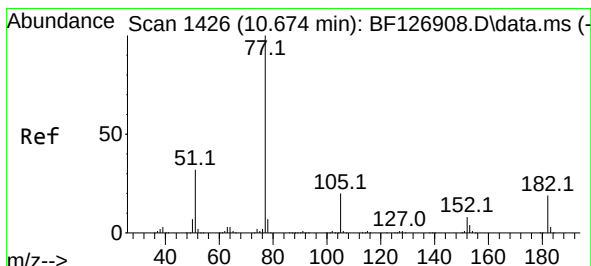
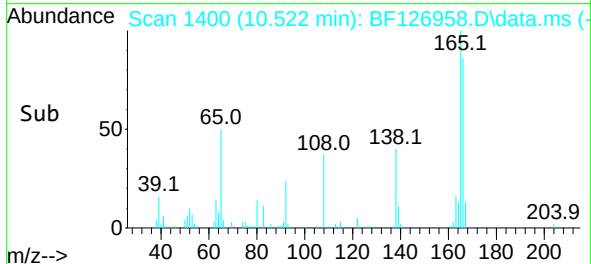
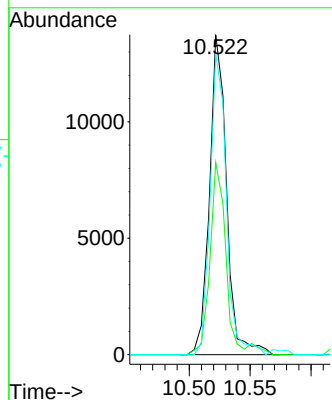
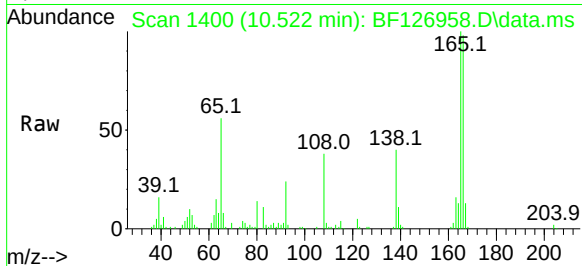




#62  
4-Nitroaniline  
Concen: 3.432 ng  
RT: 10.522 min Scan# 1400  
Delta R.T. -0.023 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

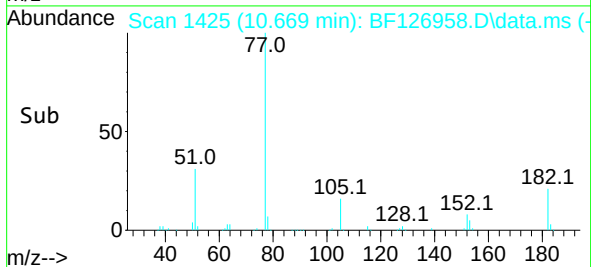
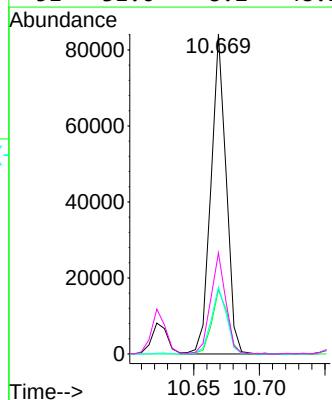
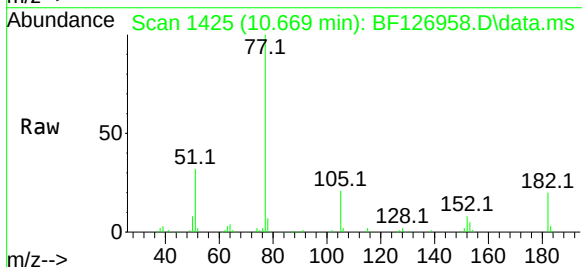
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

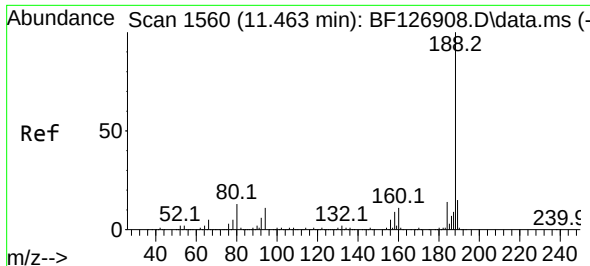
Tgt Ion:138 Resp: 13350  
Ion Ratio Lower Upper  
138 100  
92 60.0 36.2 76.2  
108 94.0 46.7 86.7#



#63  
Azobenzene  
Concen: 3.690 ng  
RT: 10.669 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion: 77 Resp: 67998  
Ion Ratio Lower Upper  
77 100  
182 20.1 0.0 39.0  
105 20.9 3.2 43.2  
51 31.6 8.2 48.2

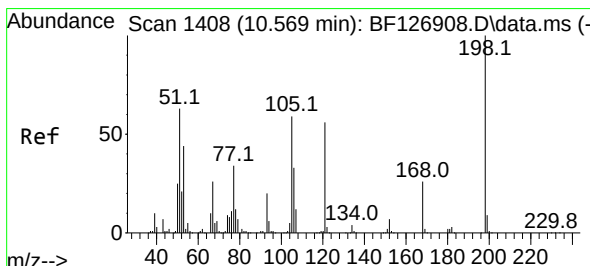
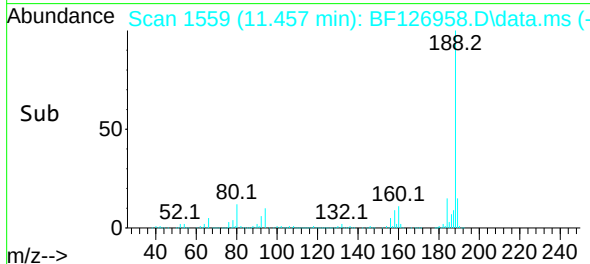
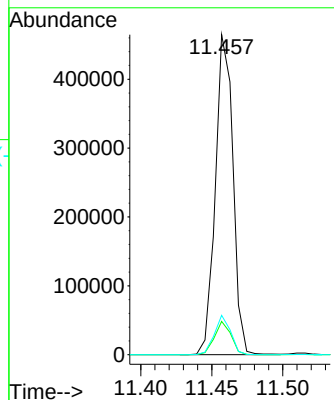
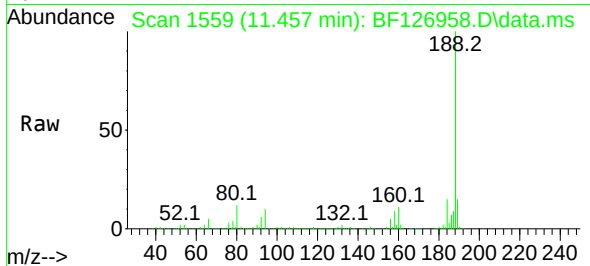




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.457 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

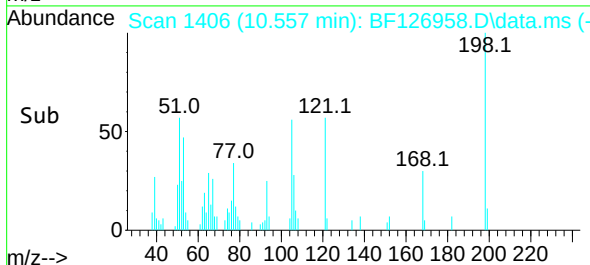
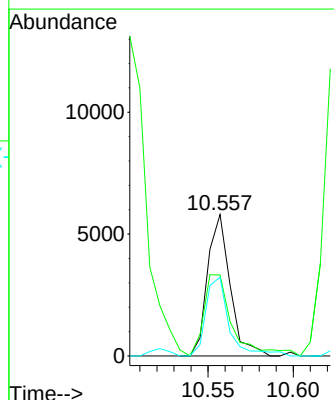
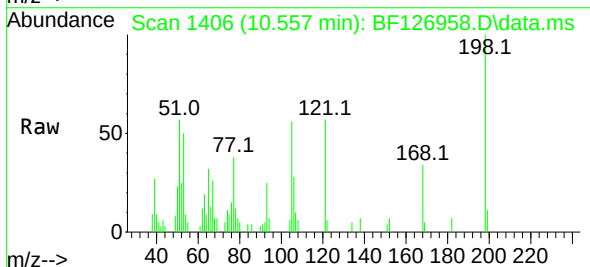
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

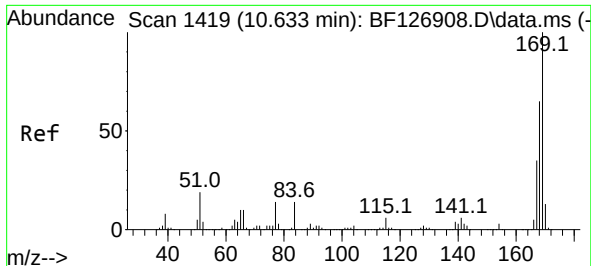
Tgt Ion:188 Resp: 400760  
Ion Ratio Lower Upper  
188 100  
94 10.4 10.1 15.1  
80 12.3 11.8 17.6



#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.263 ng  
RT: 10.557 min Scan# 1406  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:198 Resp: 5328  
Ion Ratio Lower Upper  
198 100  
51 57.2 32.0 72.0  
105 55.6 32.7 72.7

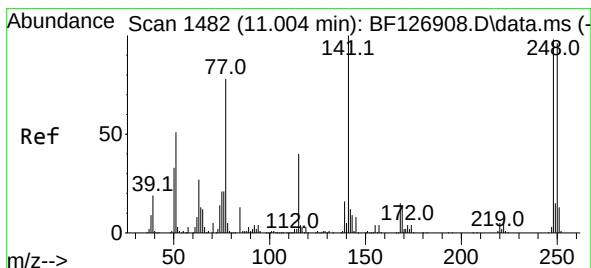
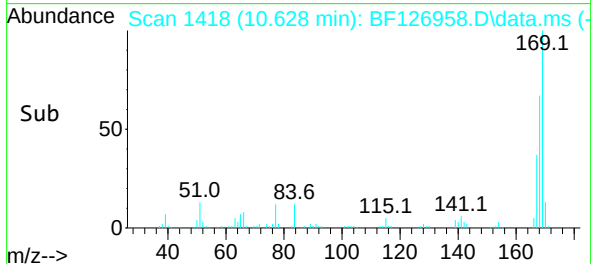
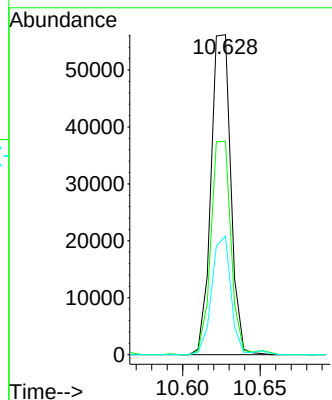
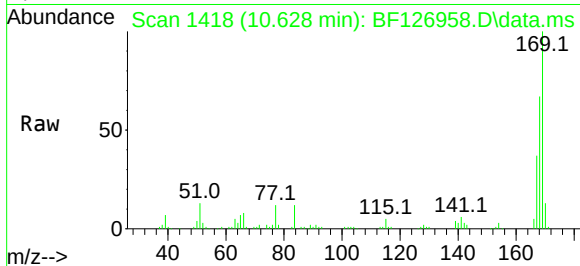




#66  
n-Nitrosodiphenylamine  
Concen: 3.806 ng  
RT: 10.628 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

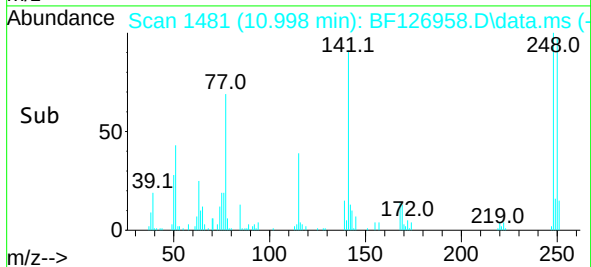
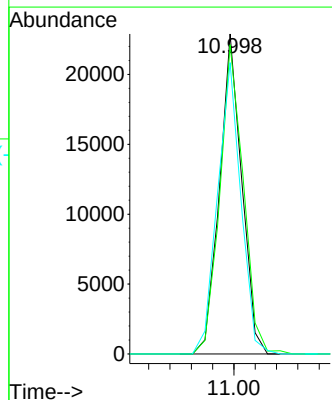
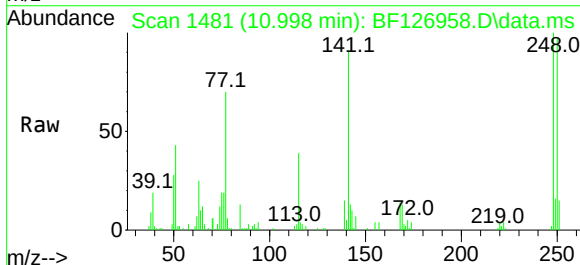
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

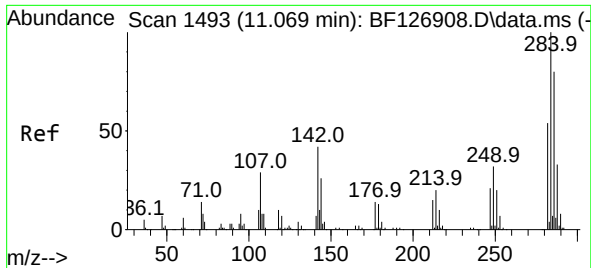
Tgt Ion:169 Resp: 50019  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.4 80.0  
167 37.0 29.4 44.0



#67  
4-Bromophenyl-phenylether  
Concen: 3.699 ng  
RT: 10.998 min Scan# 1481  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:248 Resp: 16563  
Ion Ratio Lower Upper  
248 100  
250 96.6 76.2 114.4  
141 91.1 66.2 99.4

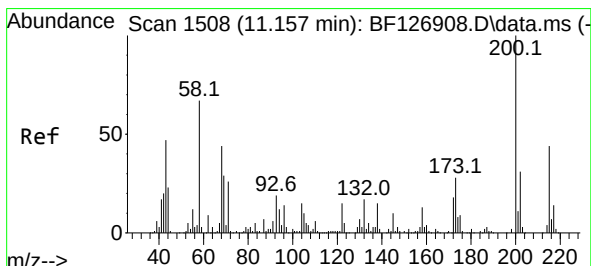
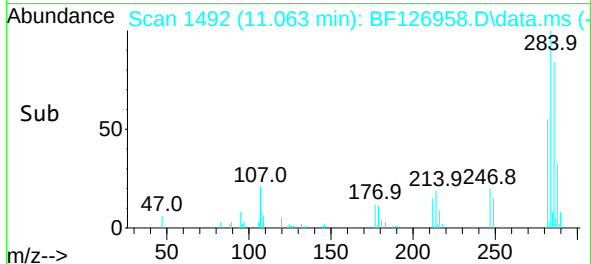
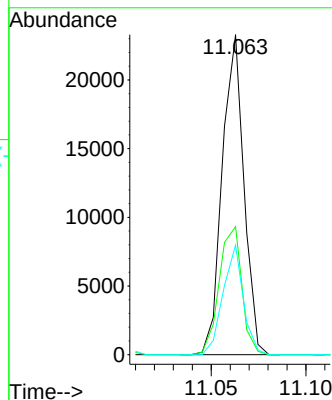
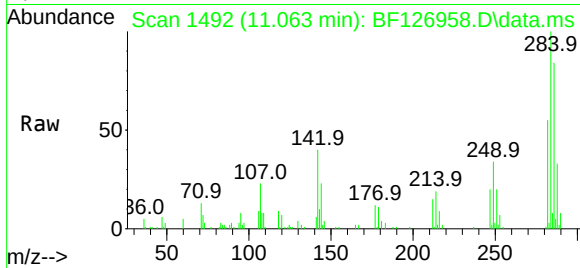




#68  
Hexachlorobenzene  
Concen: 3.840 ng  
RT: 11.063 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

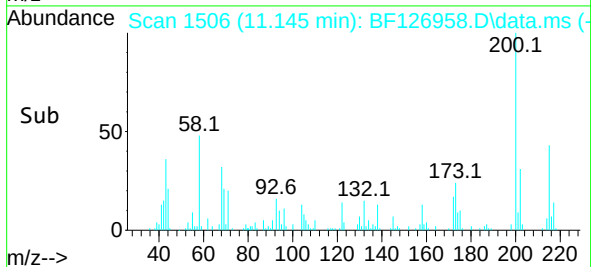
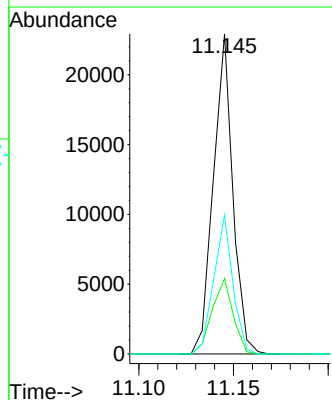
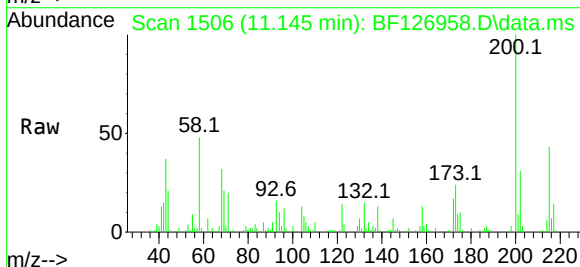
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

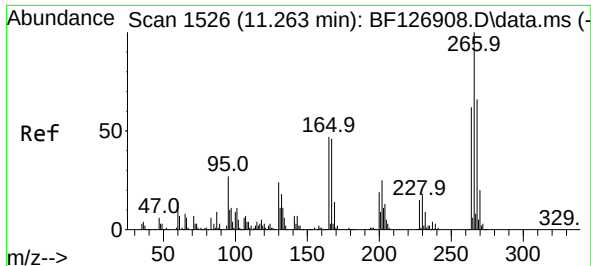
Tgt Ion:284 Resp: 18508  
Ion Ratio Lower Upper  
284 100  
142 40.0 30.7 46.1  
249 34.3 21.1 31.7#



#69  
Atrazine  
Concen: 4.013 ng  
RT: 11.145 min Scan# 1506  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:200 Resp: 16354  
Ion Ratio Lower Upper  
200 100  
173 23.5 9.2 49.2  
215 43.4 23.2 63.2

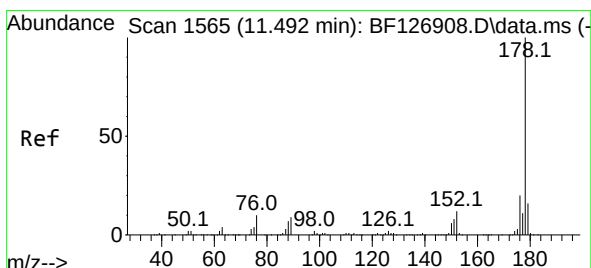
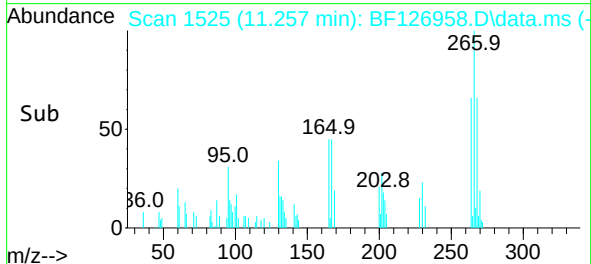
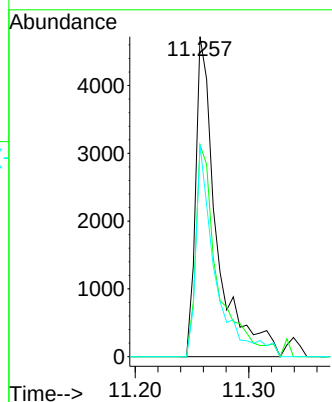
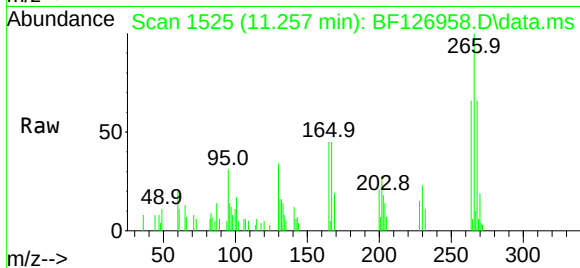




#70  
 Pentachlorophenol  
 Concen: 2.327 ng  
 RT: 11.257 min Scan# 1525  
 Delta R.T. -0.006 min  
 Lab File: BF126958.D  
 Acq: 18 Feb 2022 18:06

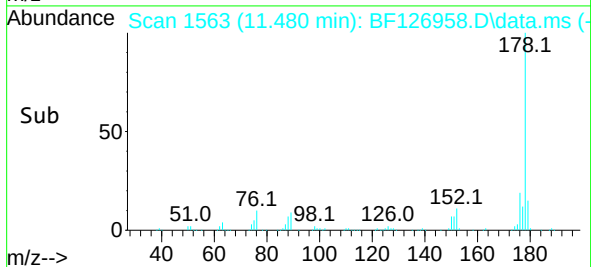
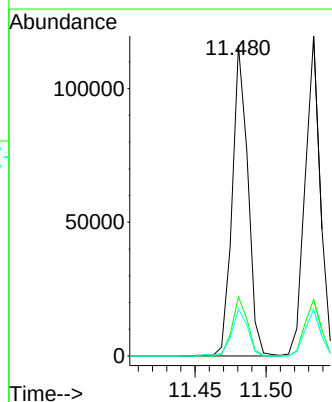
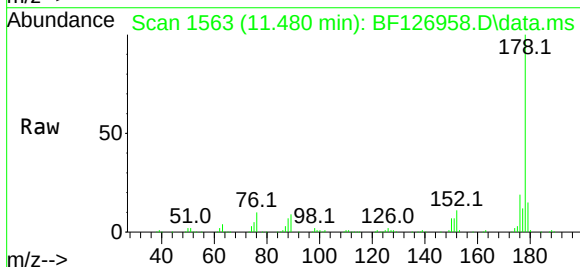
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2021

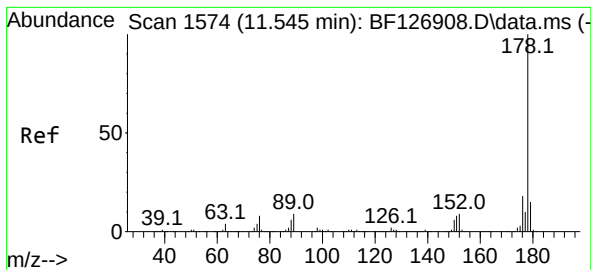
Tgt Ion:266 Resp: 6122  
 Ion Ratio Lower Upper  
 266 100  
 268 66.3 52.3 78.5  
 264 66.2 50.4 75.6



#71  
 Phenanthrene  
 Concen: 3.979 ng  
 RT: 11.480 min Scan# 1563  
 Delta R.T. -0.012 min  
 Lab File: BF126958.D  
 Acq: 18 Feb 2022 18:06

Tgt Ion:178 Resp: 89243  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.7 23.5  
 179 15.2 12.3 18.5





#72

Anthracene

Concen: 3.990 ng

RT: 11.533 min Scan# 1598

Delta R.T. -0.012 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

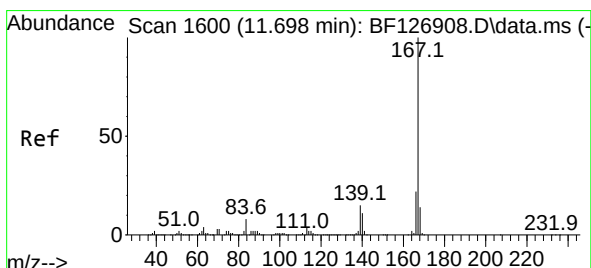
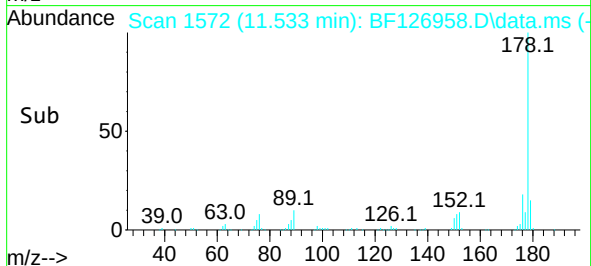
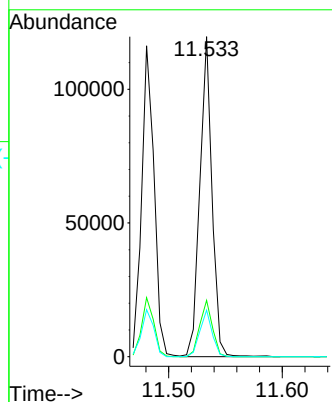
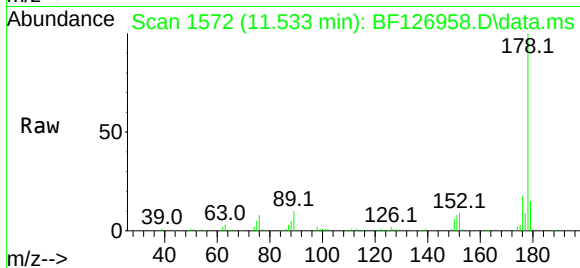
Tgt Ion:178 Resp: 89091

Ion Ratio Lower Upper

178 100

176 17.6 15.0 22.6

179 14.6 12.5 18.7



#73

Carbazole

Concen: 3.628 ng

RT: 11.686 min Scan# 1598

Delta R.T. -0.012 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

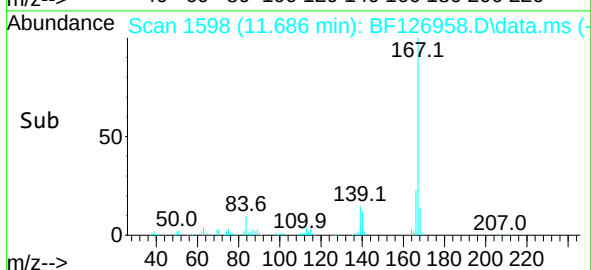
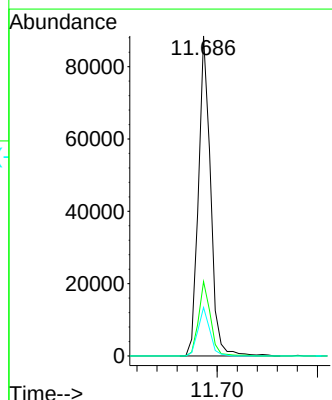
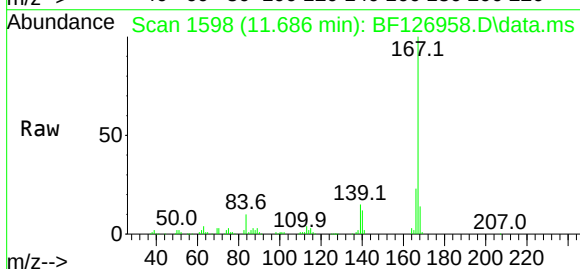
Tgt Ion:167 Resp: 74300

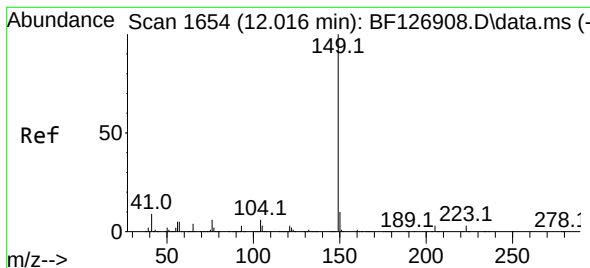
Ion Ratio Lower Upper

167 100

166 23.3 16.9 25.3

139 15.2 11.3 16.9





#74

Di-n-butylphthalate

Concen: 3.824 ng

RT: 12.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

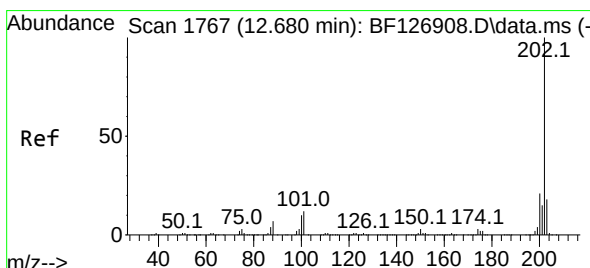
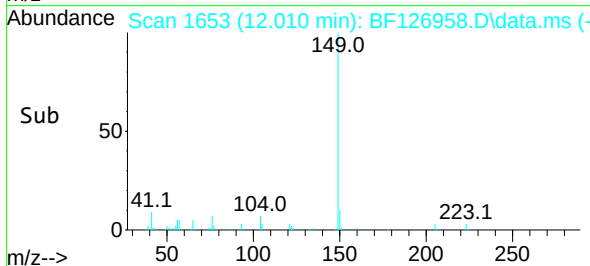
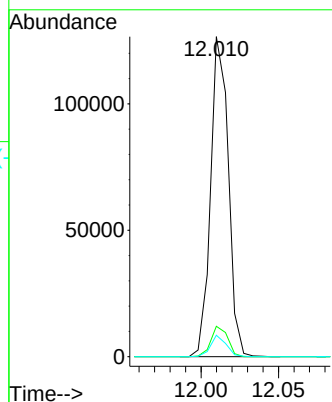
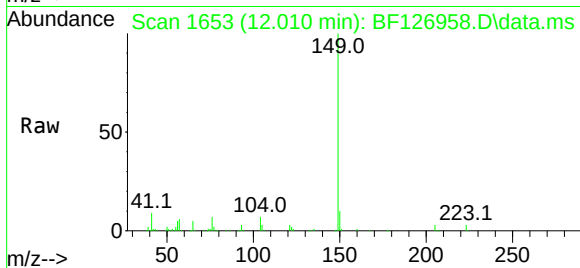
Tgt Ion:149 Resp: 100682

Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

104 6.7 4.2 6.2#



#75

Fluoranthene

Concen: 3.974 ng

RT: 12.675 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

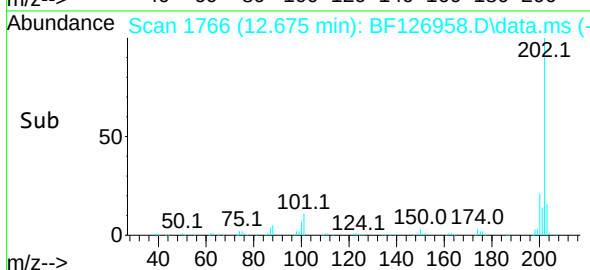
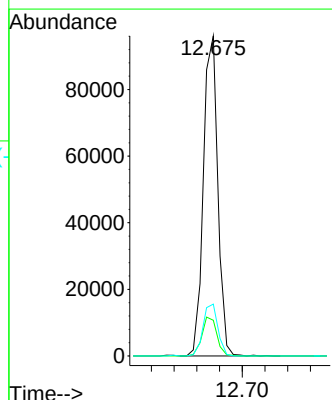
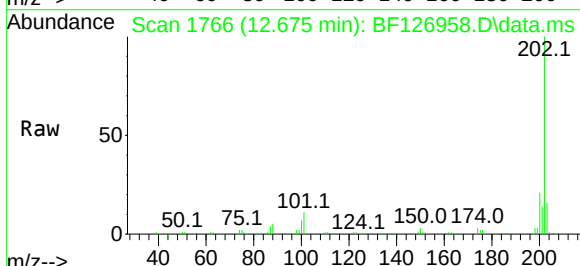
Tgt Ion:202 Resp: 84641

Ion Ratio Lower Upper

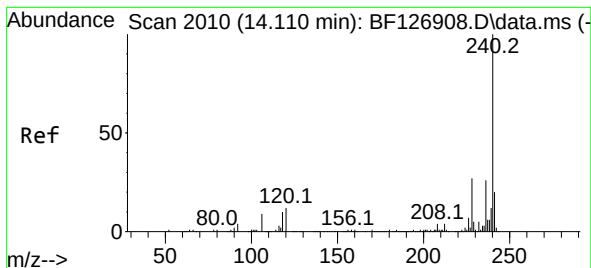
202 100

101 11.1 0.0 35.7

203 16.2 0.0 37.1







#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

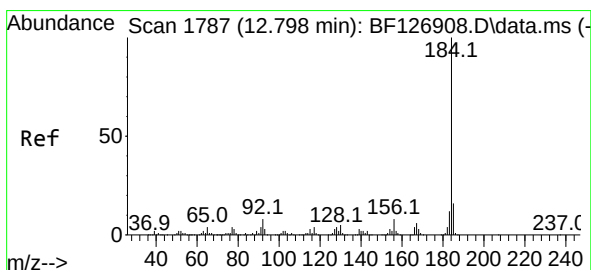
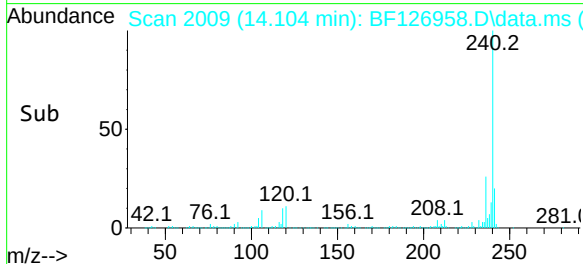
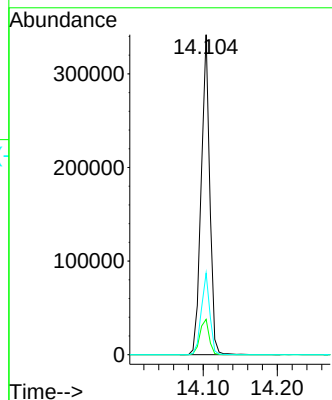
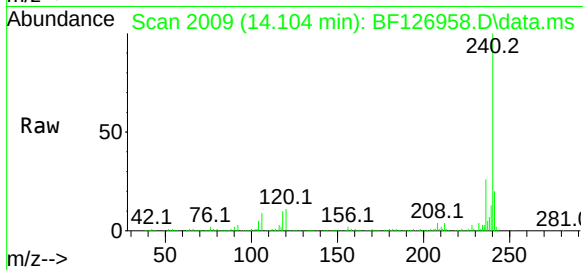
Tgt Ion:240 Resp: 272530

Ion Ratio Lower Upper

240 100

120 11.1 14.4 21.6#

236 25.5 20.5 30.7



#77

Benzdine

Concen: 4.652 ng

RT: 12.798 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

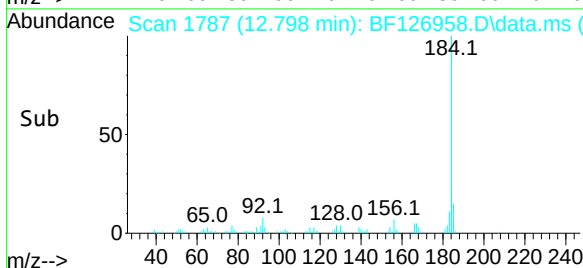
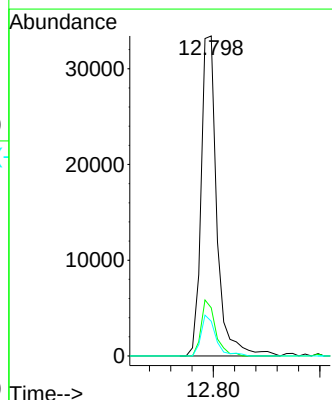
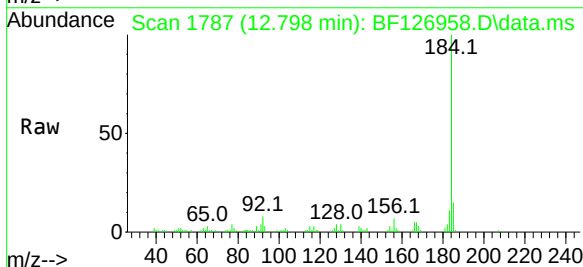
Tgt Ion:184 Resp: 34451

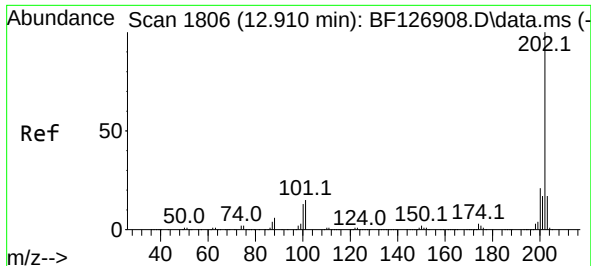
Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.8

183 10.8 8.2 12.2

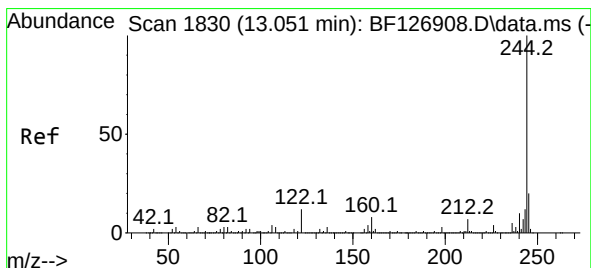
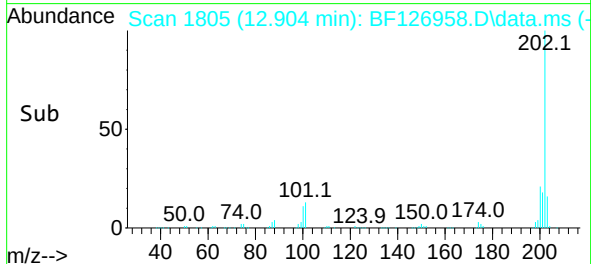
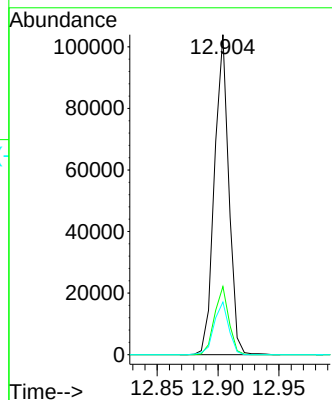
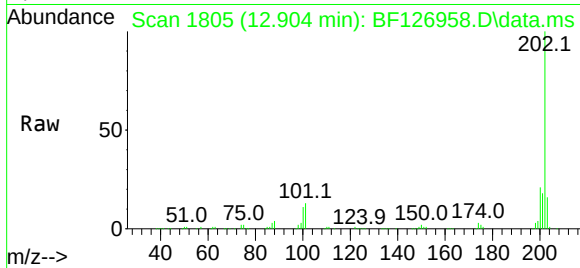




#78  
Pyrene  
Concen: 3.589 ng  
RT: 12.904 min Scan# 1805  
Delta R.T. -0.006 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

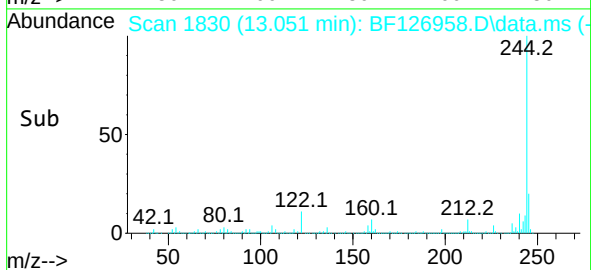
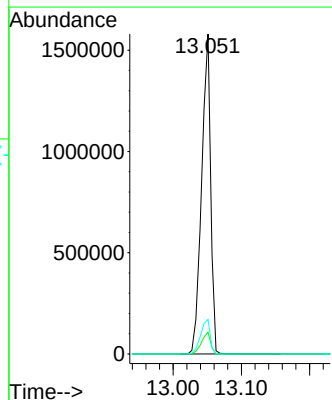
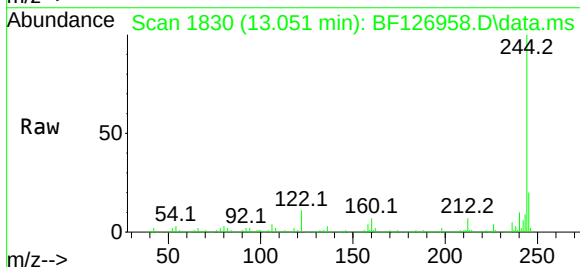
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

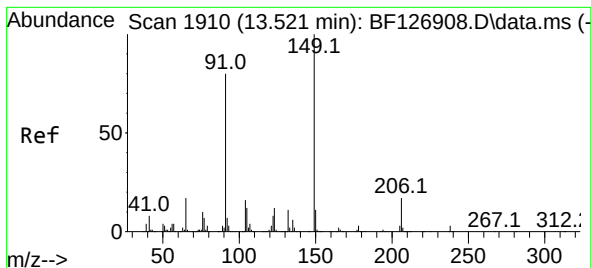
Tgt Ion:202 Resp: 84979  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.6 24.8  
203 16.5 13.8 20.8



#79  
Terphenyl-d14  
Concen: 78.395 ng  
RT: 13.051 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:244 Resp: 1453361  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.0 7.4  
122 10.8 13.3 19.9#





#80

Butylbenzylphthalate

Concen: 3.493 ng

RT: 13.516 min Scan# 1910

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

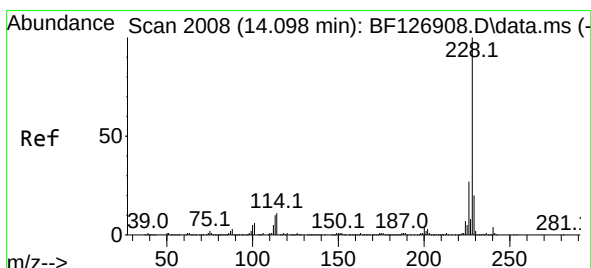
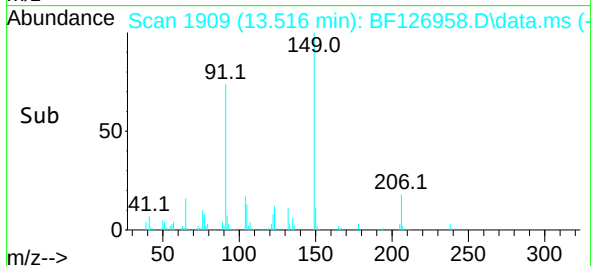
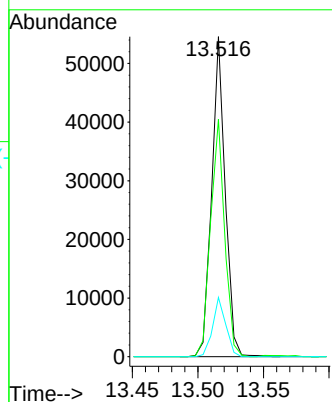
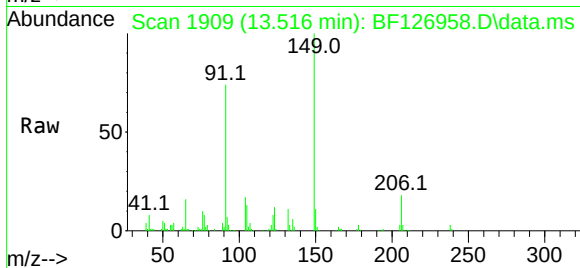
Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 39156 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 74.2  | 70.5  | 105.7 |
| 206       | 18.5  | 12.6  | 19.0  |



#81

Benzo(a)anthracene

Concen: 3.802 ng

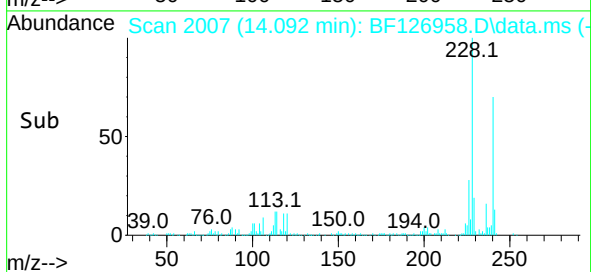
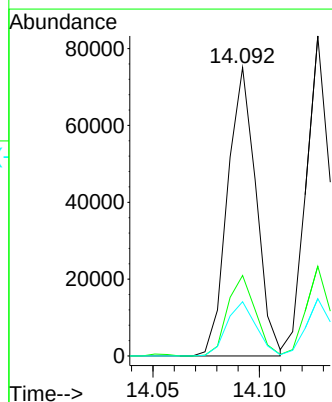
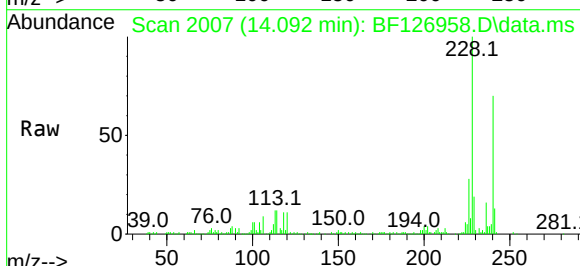
RT: 14.092 min Scan# 2007

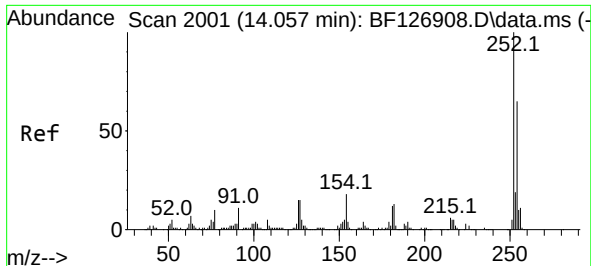
Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 69861 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 27.9  | 21.4  | 32.0  |
| 229       | 18.8  | 15.4  | 23.2  |

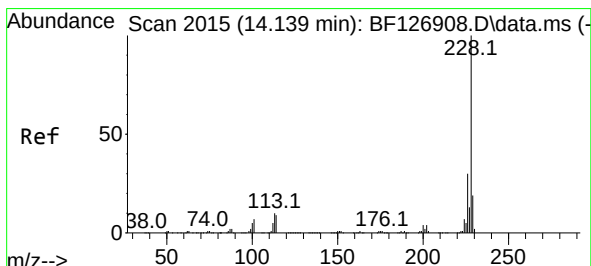
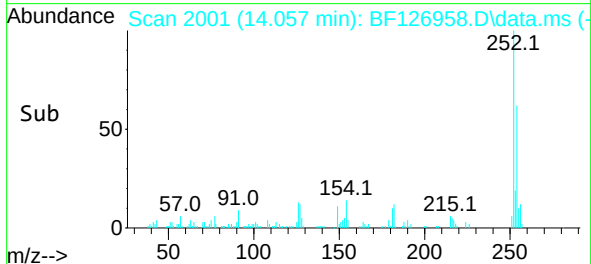
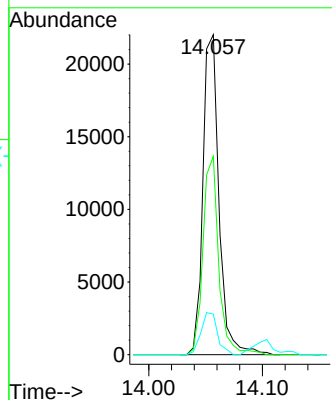
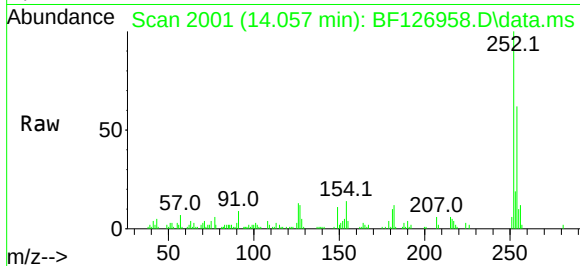




#82  
3,3'-Dichlorobenzidine  
Concen: 3.739 ng  
RT: 14.057 min Scan# 2001  
Delta R.T. 0.000 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

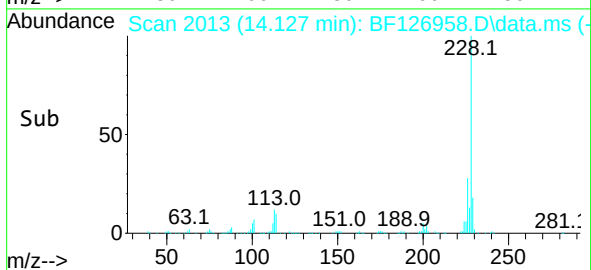
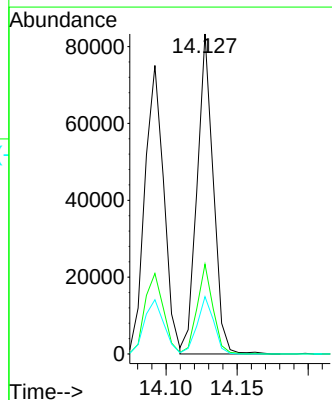
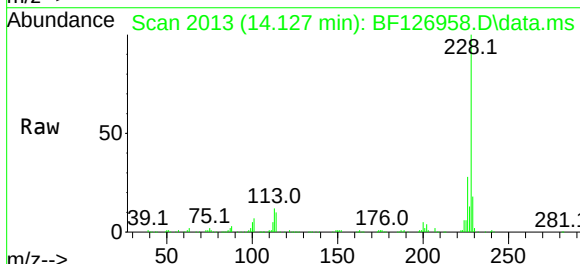
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

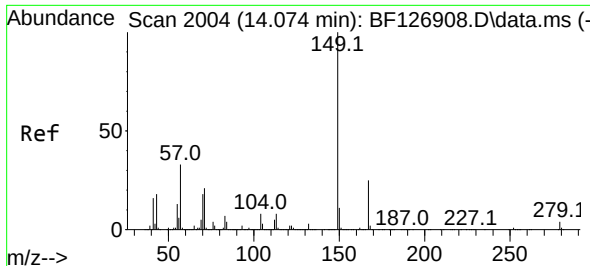
Tgt Ion:252 Resp: 21649  
Ion Ratio Lower Upper  
252 100  
254 62.0 51.0 76.4  
126 12.7 13.4 20.0#



#83  
Chrysene  
Concen: 3.827 ng  
RT: 14.127 min Scan# 2013  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:228 Resp: 66114  
Ion Ratio Lower Upper  
228 100  
226 28.1 23.7 35.5  
229 17.9 15.5 23.3

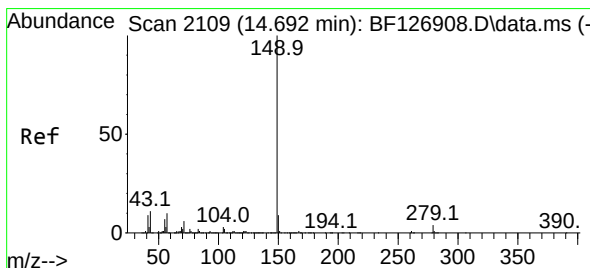
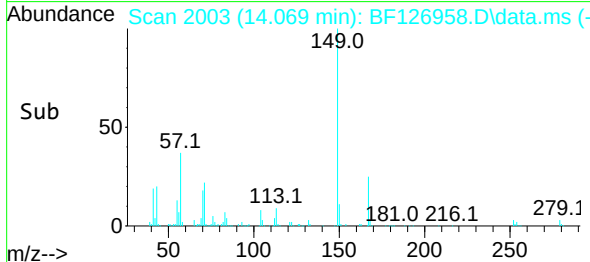
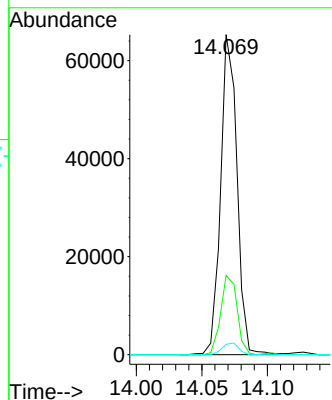
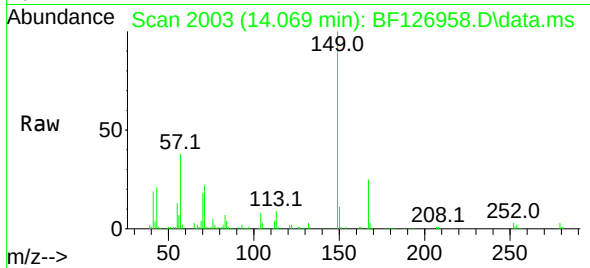




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.835 ng  
 RT: 14.069 min Scan# 2108  
 Delta R.T. -0.006 min  
 Lab File: BF126958.D  
 Acq: 18 Feb 2022 18:06

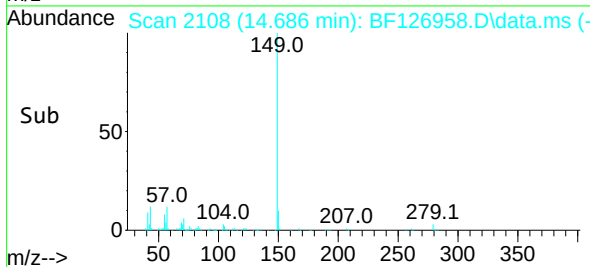
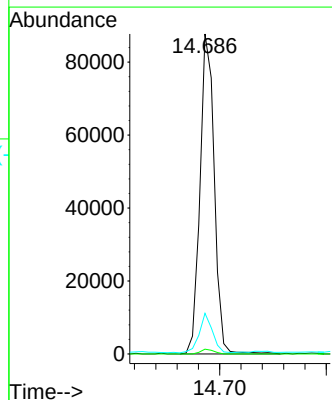
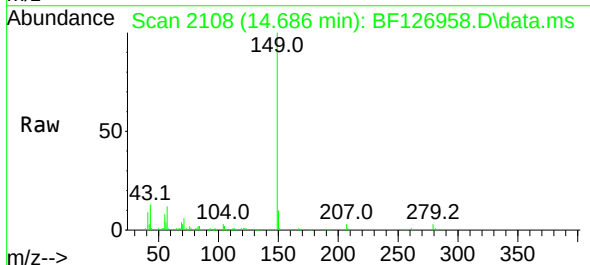
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2021

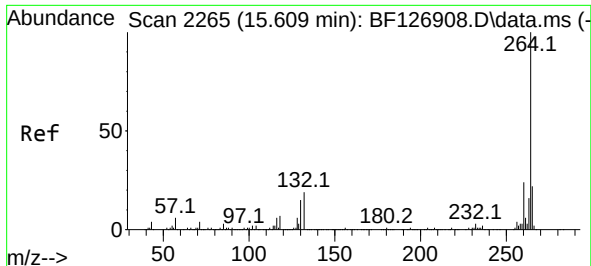
Tgt Ion:149 Resp: 56440  
 Ion Ratio Lower Upper  
 149 100  
 167 24.8 21.4 32.2  
 279 3.2 2.4 3.6



#85  
 Di-n-octyl phthalate  
 Concen: 3.873 ng  
 RT: 14.686 min Scan# 2108  
 Delta R.T. -0.006 min  
 Lab File: BF126958.D  
 Acq: 18 Feb 2022 18:06

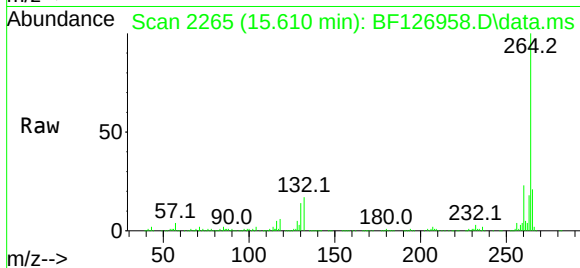
Tgt Ion:149 Resp: 82072  
 Ion Ratio Lower Upper  
 149 100  
 167 1.4 1.1 1.7  
 43 11.4 9.9 14.9



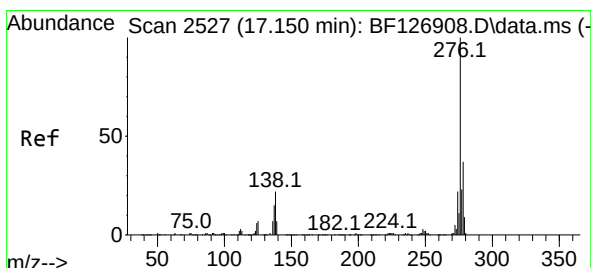
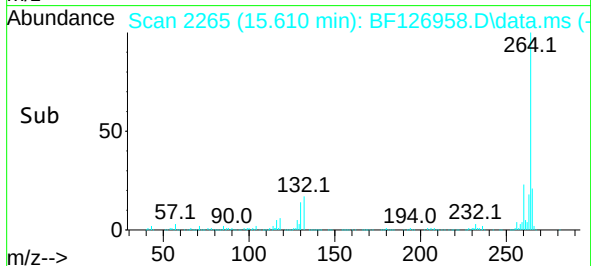
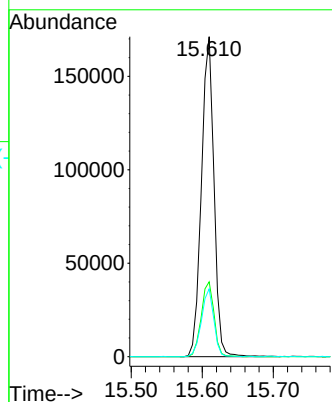


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.610 min Scan# 2111  
 Delta R.T. 0.000 min  
 Lab File: BF126958.D  
 Acq: 18 Feb 2022 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MDL-WATER-03-QT4-2021

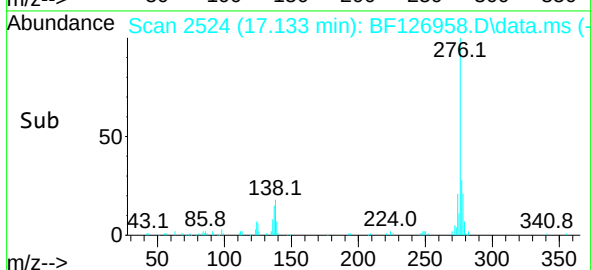
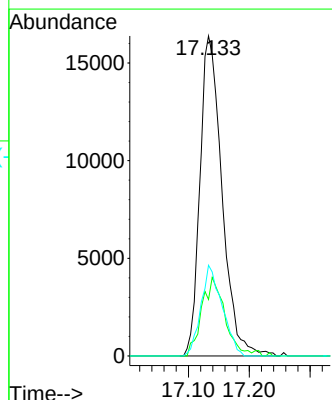
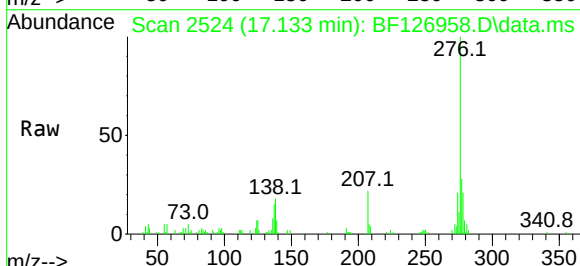


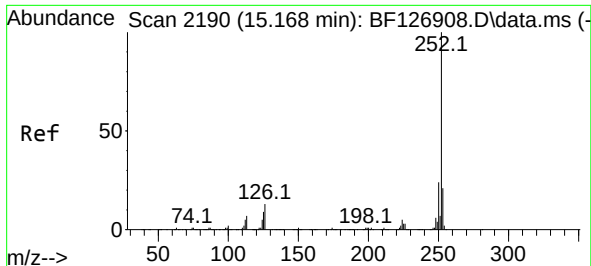
Tgt Ion:264 Resp: 211129  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.2 28.8  
 265 21.2 17.4 26.2



#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.976 ng  
 RT: 17.133 min Scan# 2524  
 Delta R.T. -0.017 min  
 Lab File: BF126958.D  
 Acq: 18 Feb 2022 18:06

Tgt Ion:276 Resp: 41197  
 Ion Ratio Lower Upper  
 276 100  
 138 26.0 29.2 43.8#  
 277 27.2 19.8 29.8

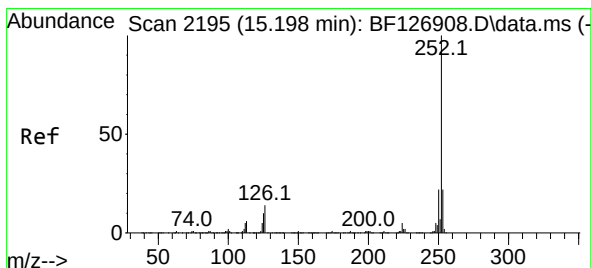
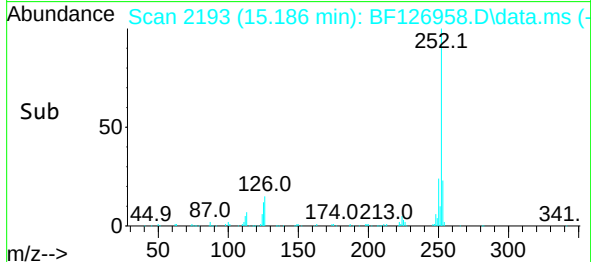
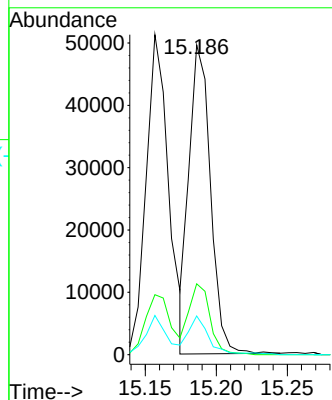
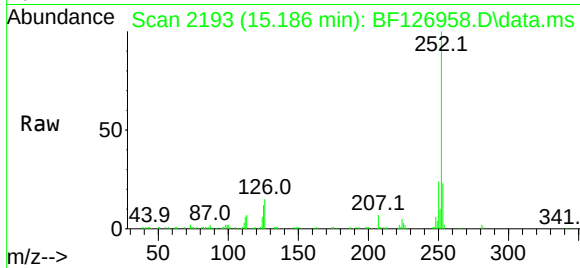




#88  
Benzo(b)fluoranthene  
Concen: 3.659 ng  
RT: 15.186 min Scan# 2193  
Delta R.T. 0.018 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

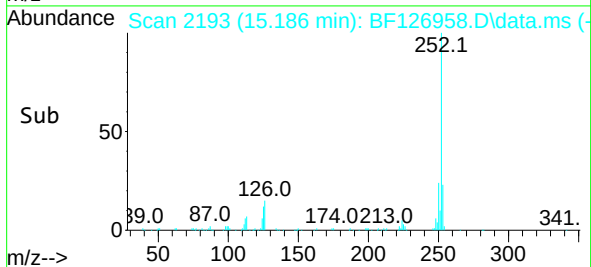
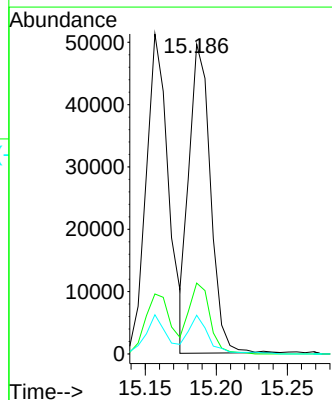
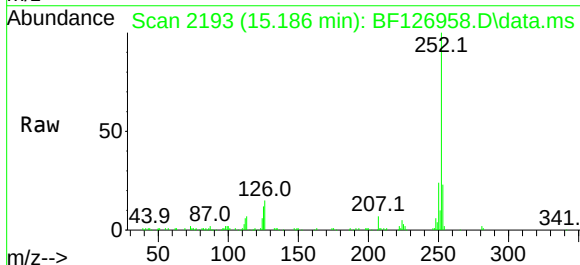
Instrument :  
BNA\_F  
ClientSampleId :  
MDL-WATER-03-QT4-2021

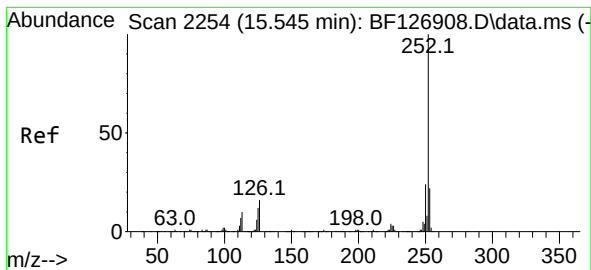
Tgt Ion:252 Resp: 51889  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.8 26.8  
125 12.5 12.4 18.6



#89  
Benzo(k)fluoranthene  
Concen: 3.794 ng  
RT: 15.186 min Scan# 2193  
Delta R.T. -0.012 min  
Lab File: BF126958.D  
Acq: 18 Feb 2022 18:06

Tgt Ion:252 Resp: 51889  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.5 26.3  
125 12.5 11.8 17.6





#90

Benzo(a)pyrene

Concen: 4.327 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021

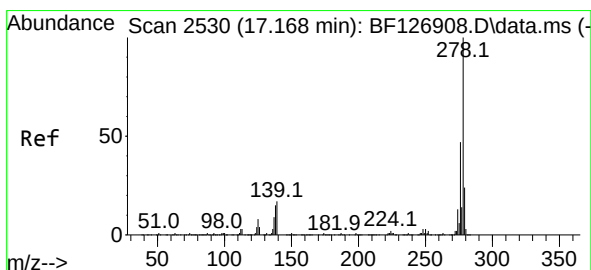
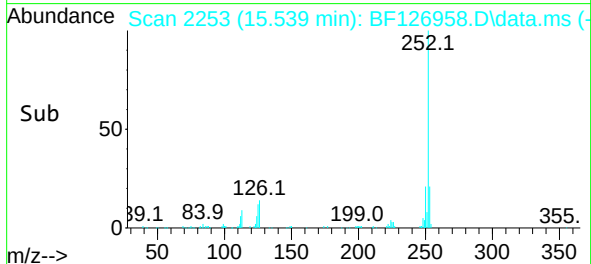
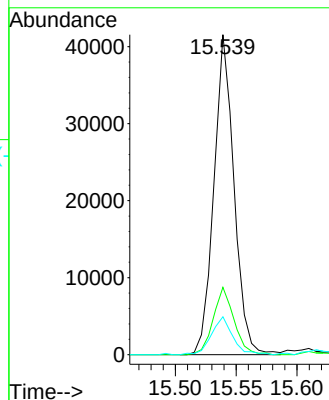
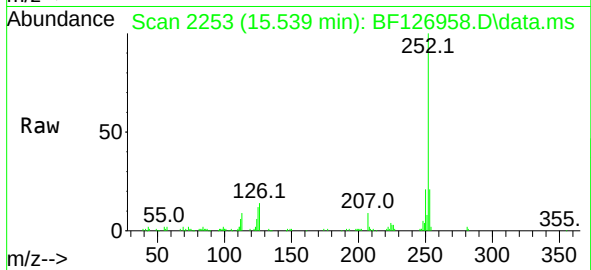
Tgt Ion:252 Resp: 47924

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

125 11.9 13.0 19.6#



#91

Dibenzo(a,h)anthracene

Concen: 3.009 ng

RT: 17.157 min Scan# 2528

Delta R.T. -0.012 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

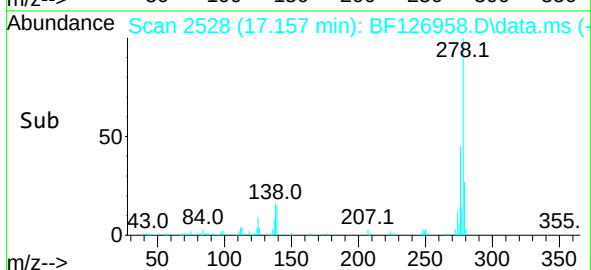
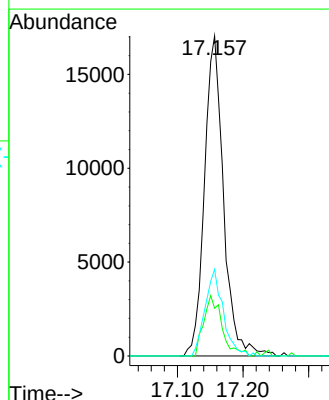
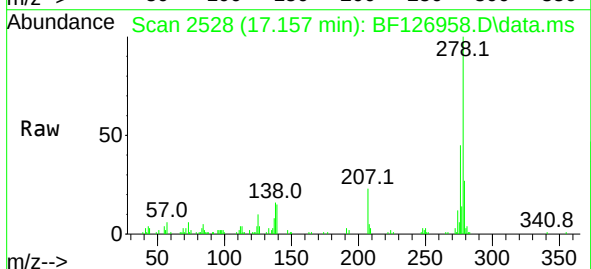
Tgt Ion:278 Resp: 34457

Ion Ratio Lower Upper

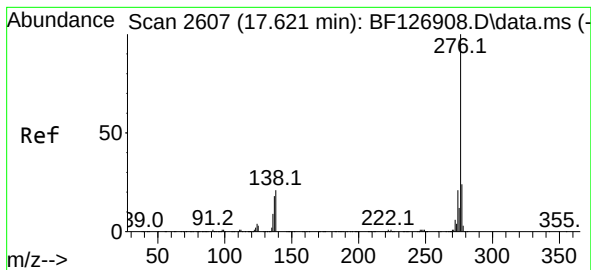
278 100

139 14.9 18.0 27.0#

279 27.1 18.6 27.8







#92

Benzo(g,h,i)perylene

Concen: 3.132 ng

RT: 17.598 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF126958.D

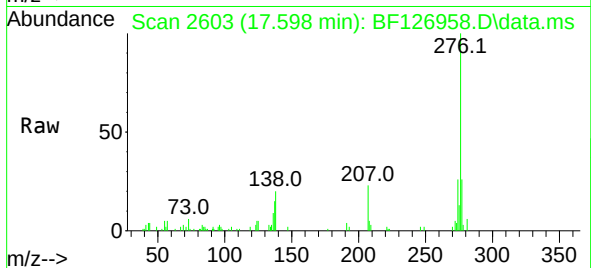
Acq: 18 Feb 2022 18:06

Instrument :

BNA\_F

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion: 276 Resp: 35351

Ion Ratio Lower Upper

276 100

277 26.5 18.5 27.7

138 20.0 25.9 38.9#

