

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080621\  
 Data File : BF124957.D  
 Acq On : 6 Aug 2021 10:50  
 Operator : JU/CG  
 Sample : M2262-08  
 Misc : LOQ-WATER-5ppm  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2021

Quant Time: Aug 06 11:26:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 04 17:59:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.828  | 152  | 7880     | 20.000  | ng     | -0.01    |
| 21) Naphthalene-d8            | 8.110  | 136  | 27153    | 20.000  | ng     | -0.01    |
| 39) Acenaphthene-d10          | 9.863  | 164  | 14994    | 20.000  | ng     | -0.01    |
| 64) Phenanthrene-d10          | 11.351 | 188  | 27779    | 20.000  | ng     | -0.01    |
| 76) Chrysene-d12              | 13.986 | 240  | 20853    | 20.000  | ng     | -0.02    |
| 86) Perylene-d12              | 15.445 | 264  | 17830    | 20.000  | ng     | -0.02    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 46194    | 96.029  | ng     | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 59295    | 97.756  | ng     | -0.01    |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 33266    | 64.090  | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 13978    | 104.348 | ng     | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 68277    | 66.630  | ng     | -0.01    |
| 79) Terphenyl-d14             | 12.933 | 244  | 77354    | 62.573  | ng     | -0.01    |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 2.593  | 88   | 1088     | 6.046   | ng     | # 100    |
| 3) Pyridine                   | 3.393  | 79   | 1676     | 4.008   | ng     | # 82     |
| 4) n-Nitrosodimethylamine     | 3.281  | 42   | 631      | 2.125   | ng     | 89       |
| 6) Aniline                    | 6.492  | 93   | 3196     | 4.988   | ng     | 98       |
| 8) 2-Chlorophenol             | 6.610  | 128  | 2390     | 4.529   | ng     | 95       |
| 9) Benzaldehyde               | 6.381  | 77   | 1703     | 5.161   | ng     | 95       |
| 10) Phenol                    | 6.469  | 94   | 2460     | 3.931   | ng     | 90       |
| 11) bis(2-Chloroethyl)ether   | 6.563  | 93   | 2251     | 4.794   | ng     | 97       |
| 12) 1,3-Dichlorobenzene       | 6.845  | 146  | 2600     | 4.527   | ng     | 93       |
| 13) 1,4-Dichlorobenzene       | 6.845  | 146  | 2600     | 4.529   | ng     | 96       |
| 14) 1,2-Dichlorobenzene       | 6.998  | 146  | 2591     | 4.816   | ng     | 96       |
| 15) Benzyl Alcohol            | 6.969  | 79   | 2186     | 4.996   | ng     | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.098  | 45   | 3405     | 4.527   | ng     | 90       |
| 17) 2-Methylphenol            | 7.075  | 107  | 1565     | 3.962   | ng     | # 84     |
| 18) Hexachloroethane          | 7.339  | 117  | 1014     | 4.511   | ng     | 99       |
| 19) n-Nitroso-di-n-propyla... | 7.234  | 70   | 1314     | 3.651   | ng     | # 82     |
| 20) 3+4-Methylphenols         | 7.228  | 107  | 2152     | 4.104   | ng     | # 76     |
| 22) Acetophenone              | 7.234  | 105  | 3489     | 5.247   | ng     | # 90     |
| 24) Nitrobenzene              | 7.410  | 77   | 2393     | 4.765   | ng     | 92       |
| 25) Isophorone                | 7.645  | 82   | 4064     | 4.587   | ng     | 92       |
| 26) 2-Nitrophenol             | 7.728  | 139  | 1189     | 4.662   | ng     | # 81     |
| 27) 2,4-Dimethylphenol        | 7.757  | 122  | 2052     | 5.676   | ng     | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.857  | 93   | 2543     | 5.044   | ng     | # 93     |
| 29) 2,4-Dichlorophenol        | 7.963  | 162  | 1782     | 4.424   | ng     | 93       |
| 30) 1,2,4-Trichlorobenzene    | 8.051  | 180  | 2047     | 4.535   | ng     | 96       |
| 31) Naphthalene               | 8.133  | 128  | 6757     | 4.843   | ng     | 96       |
| 32) Benzoic acid              | 7.757  | 122  | 2052     | 15.532  | ng     | # 15     |
| 33) 4-Chloroaniline           | 8.181  | 127  | 2631     | 5.061   | ng     | 96       |
| 34) Hexachlorobutadiene       | 8.245  | 225  | 1164     | 4.318   | ng     | 90       |
| 35) Caprolactam               | 8.510  | 113  | 432      | 4.039   | ng     | # 73     |
| 36) 4-Chloro-3-methylphenol   | 8.657  | 107  | 1999     | 4.744   | ng     | 97       |
| 37) 2-Methylnaphthalene       | 8.822  | 142  | 4379     | 4.669   | ng     | 89       |
| 38) 1-Methylnaphthalene       | 8.922  | 142  | 4348     | 4.954   | ng     | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 8.986  | 216  | 1917     | 4.454   | ng     | 96       |
| 41) Hexachlorocyclopentadiene | 8.975  | 237  | 189      | 6.466   | ng     | 80       |
| 43) 2,4,6-Trichlorophenol     | 9.098  | 196  | 1210     | 4.223   | ng     | 93       |

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 Sample : M2262-08  
 Misc : LOQ-WATER-5ppm  
 ALS Vial : 4 Sample Multiplier: 1

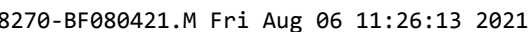
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2021

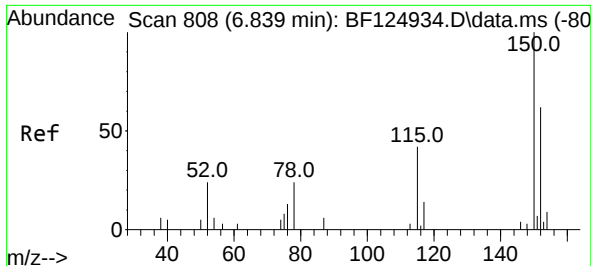
Quant Time: Aug 06 11:26:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 04 17:59:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.139  | 196  | 1198     | 4.131 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 9.286  | 154  | 5880     | 5.262 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 9.310  | 162  | 4449     | 5.005 | ng    | 94       |
| 48) 2-Nitroaniline            | 9.404  | 65   | 1187     | 4.546 | ng #  | 90       |
| 49) Acenaphthylene            | 9.727  | 152  | 6965     | 5.158 | ng    | 95       |
| 50) Dimethylphthalate         | 9.580  | 163  | 5046     | 4.966 | ng #  | 96       |
| 51) 2,6-Dinitrotoluene        | 9.645  | 165  | 1044     | 4.614 | ng    | 89       |
| 52) Acenaphthene              | 9.898  | 154  | 4031     | 4.924 | ng    | 93       |
| 53) 3-Nitroaniline            | 9.816  | 138  | 1026     | 4.305 | ng #  | 77       |
| 55) Dibenzofuran              | 10.069 | 168  | 6097     | 4.766 | ng    | 96       |
| 56) 4-Nitrophenol             | 9.969  | 139  | 419      | 2.667 | ng #  | 58       |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 1420     | 4.623 | ng #  | 82       |
| 58) Fluorene                  | 10.410 | 166  | 4828     | 4.922 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.186 | 232  | 819      | 3.764 | ng #  | 59       |
| 60) Diethylphthalate          | 10.280 | 149  | 5449     | 5.226 | ng    | 95       |
| 61) 4-Chlorophenyl-phenyle... | 10.404 | 204  | 2252     | 4.861 | ng    | 90       |
| 62) 4-Nitroaniline            | 10.422 | 138  | 976      | 4.218 | ng    | 87       |
| 63) Azobenzene                | 10.563 | 77   | 4528     | 4.441 | ng    | 92       |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 390      | 2.241 | ng #  | 80       |
| 66) n-Nitrosodiphenylamine    | 10.522 | 169  | 3879     | 4.308 | ng    | 90       |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 1456     | 4.785 | ng    | 94       |
| 68) Hexachlorobenzene         | 10.957 | 284  | 1603     | 4.843 | ng    | 95       |
| 69) Atrazine                  | 11.039 | 200  | 1275     | 4.713 | ng    | 93       |
| 70) Pentachlorophenol         | 11.157 | 266  | 148      | 4.495 | ng #  | 17       |
| 71) Phenanthrene              | 11.374 | 178  | 7101     | 4.712 | ng #  | 97       |
| 72) Anthracene                | 11.374 | 178  | 7101     | 4.697 | ng    | 97       |
| 73) Carbazole                 | 11.580 | 167  | 6428     | 4.637 | ng #  | 93       |
| 74) Di-n-butylphthalate       | 11.910 | 149  | 8239     | 4.676 | ng    | 96       |
| 75) Fluoranthene              | 12.557 | 202  | 7373     | 4.730 | ng    | 97       |
| 77) Benzidine                 | 12.680 | 184  | 3455     | 6.192 | ng    | 96       |
| 78) Pyrene                    | 12.786 | 202  | 7876     | 4.795 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.404 | 149  | 3208     | 4.389 | ng    | 94       |
| 81) Benzo(a)anthracene        | 13.974 | 228  | 6254     | 4.602 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 13.939 | 252  | 2309     | 6.445 | ng    | 86       |
| 83) Chrysene                  | 14.010 | 228  | 6269     | 4.772 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 13.962 | 149  | 4668     | 4.604 | ng #  | 98       |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 7042     | 4.402 | ng #  | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.886 | 276  | 4424     | 4.167 | ng #  | 85       |
| 88) Benzo(b)fluoranthene      | 15.015 | 252  | 5481     | 4.378 | ng    | 94       |
| 89) Benzo(k)fluoranthene      | 15.045 | 252  | 5448     | 4.784 | ng #  | 94       |
| 90) Benzo(a)pyrene            | 15.380 | 252  | 5195     | 4.873 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 16.903 | 278  | 3750     | 4.017 | ng #  | 92       |
| 92) Benzo(g,h,i)perylene      | 17.333 | 276  | 3619     | 4.041 | ng    | 95       |

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

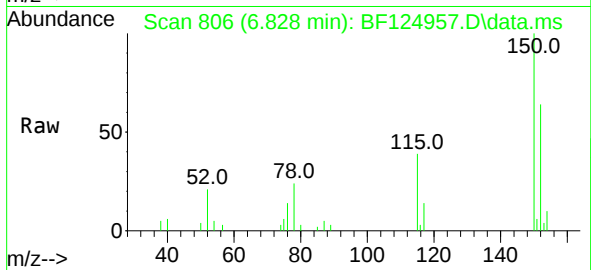
Quant Time: Aug 06 11:26:02 2021  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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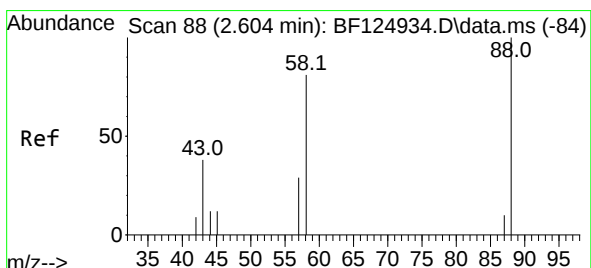
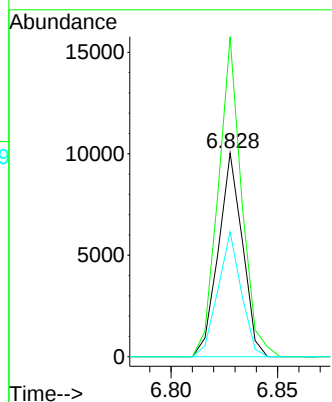
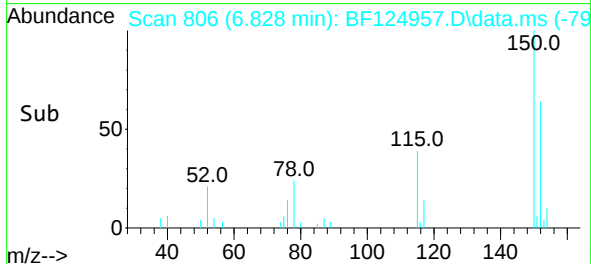


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 806  
Delta R.T. -0.011 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

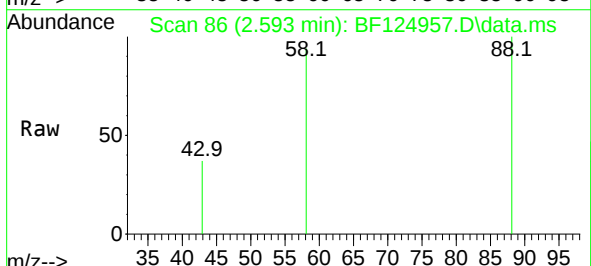
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021



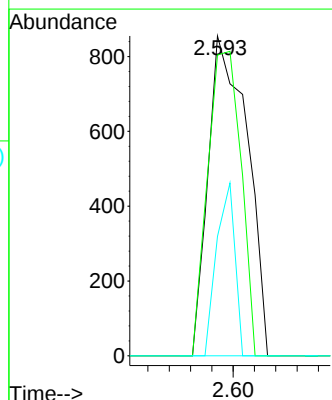
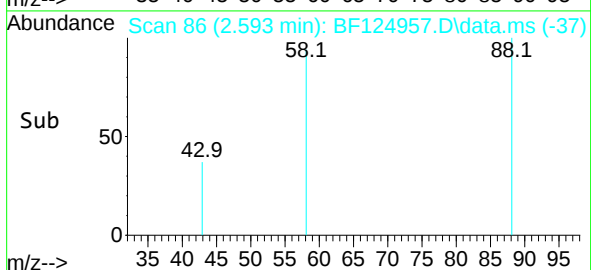
Tgt Ion:152 Resp: 7880  
Ion Ratio Lower Upper  
152 100  
150 157.0 117.6 176.4  
115 61.3 47.1 70.7

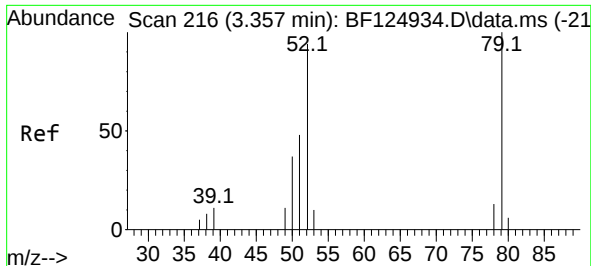


#2  
1,4-Dioxane  
Concen: 6.046 ng  
RT: 2.593 min Scan# 86  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50



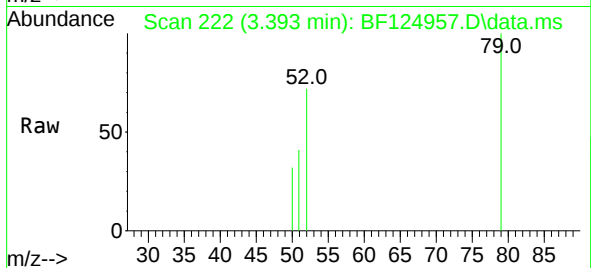
Tgt Ion: 88 Resp: 1088  
Ion Ratio Lower Upper  
88 100  
58 81.2 0.0 0.0#  
43 25.4 0.0 0.0#



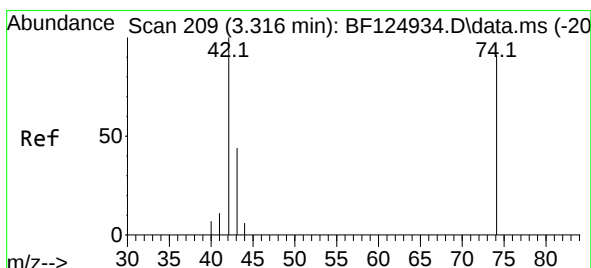
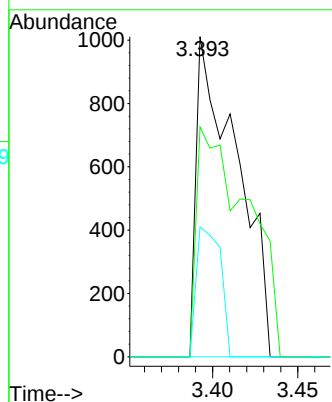
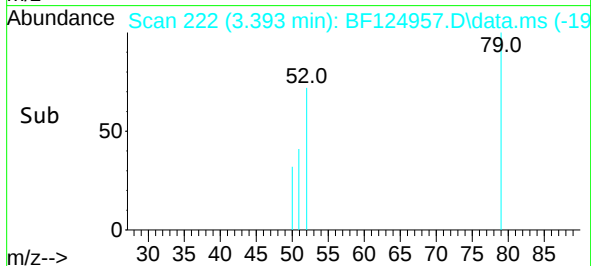


#3  
Pyridine  
Concen: 4.008 ng  
RT: 3.393 min Scan# 222  
Delta R.T. 0.035 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

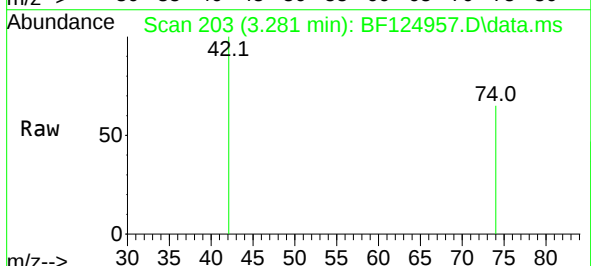
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021



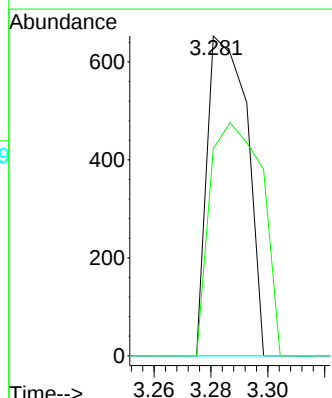
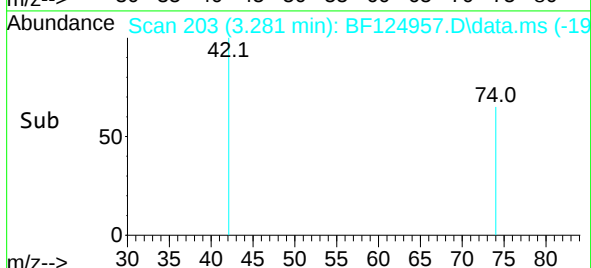
Tgt Ion: 79 Resp: 1676  
Ion Ratio Lower Upper  
79 100  
52 71.8 70.3 105.5  
51 40.6 44.1 66.1#

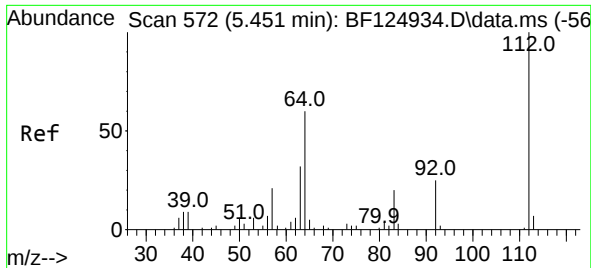


#4  
n-Nitrosodimethylamine  
Concen: 2.125 ng  
RT: 3.281 min Scan# 203  
Delta R.T. -0.035 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50



Tgt Ion: 42 Resp: 631  
Ion Ratio Lower Upper  
42 100  
74 64.8 59.0 88.6  
44 0.0 0.0 0.0

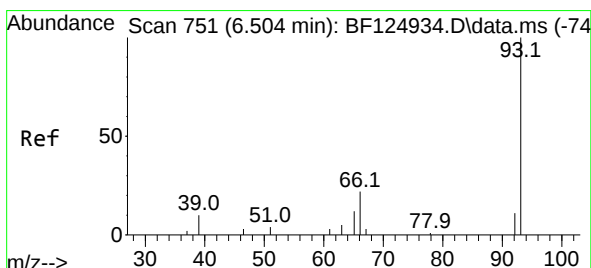
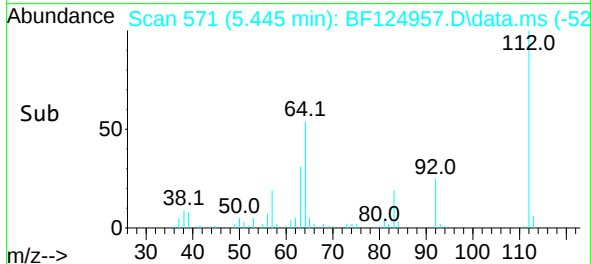
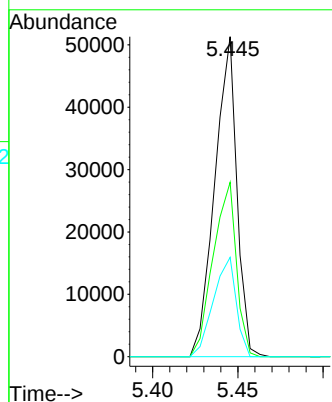
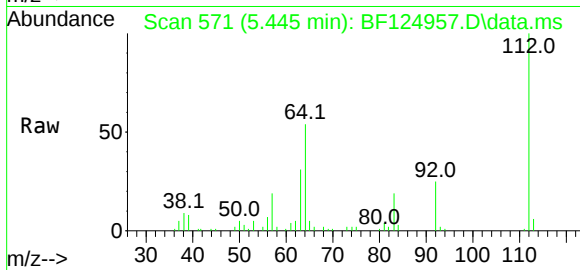




#5  
2-Fluorophenol  
Concen: 96.029 ng  
RT: 5.445 min Scan# 571  
Delta R.T. -0.006 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

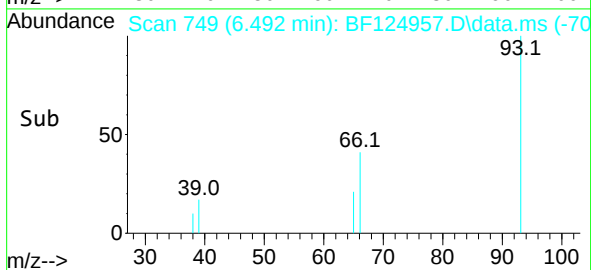
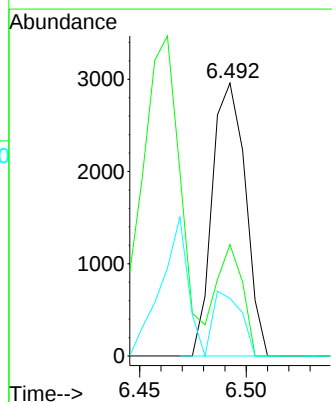
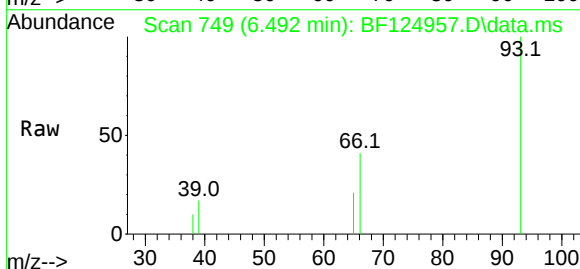
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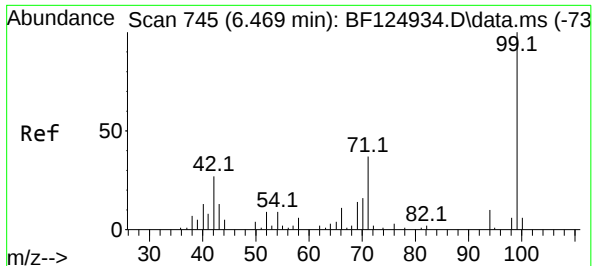
Tgt Ion:112 Resp: 46194  
Ion Ratio Lower Upper  
112 100  
64 54.5 44.2 66.2  
63 31.1 26.2 39.2



#6  
Aniline  
Concen: 4.988 ng  
RT: 6.492 min Scan# 749  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion: 93 Resp: 3196  
Ion Ratio Lower Upper  
93 100  
66 40.8 32.7 49.1  
65 21.1 14.2 21.4

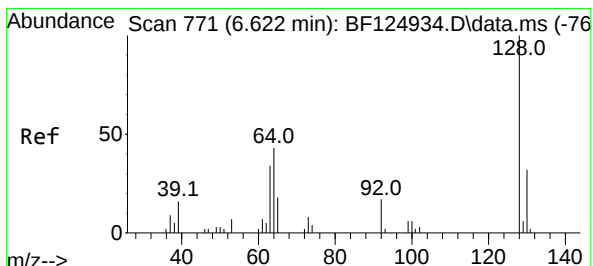
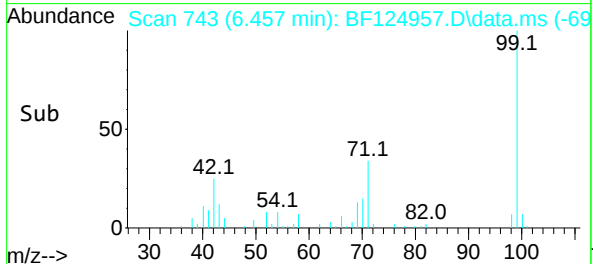
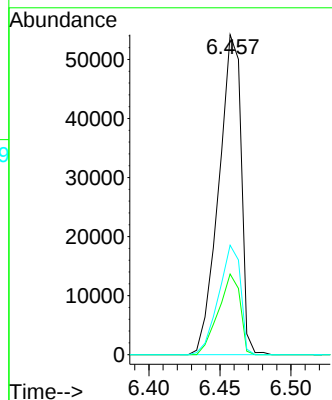
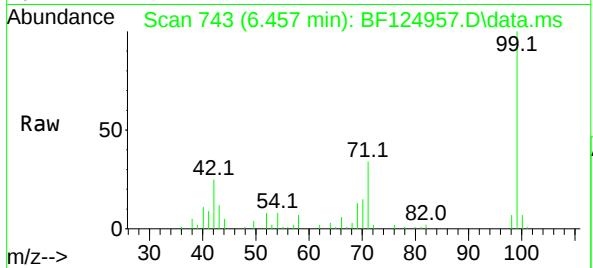




#7  
Phenol-d6  
Concen: 97.756 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

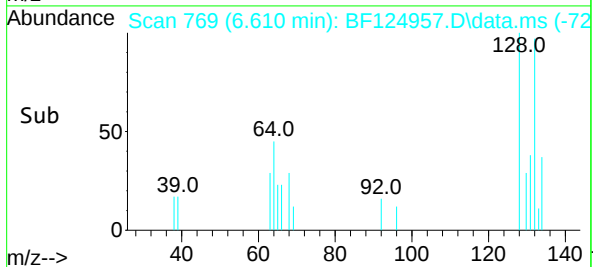
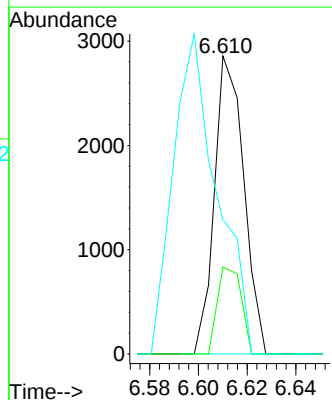
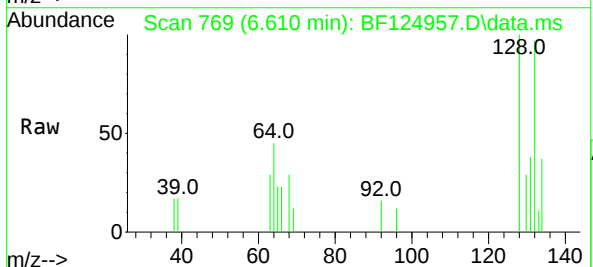
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

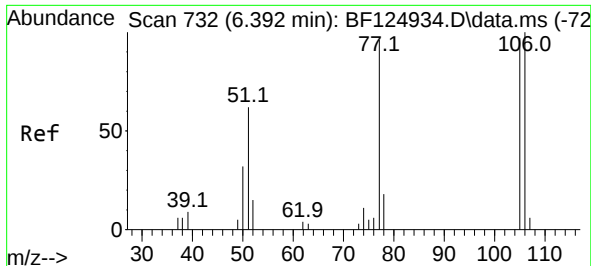
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Ion Ratio Lower Upper  
99 100  
42 25.2 23.5 35.3  
71 34.2 25.6 38.4



#8  
2-Chlorophenol  
Concen: 4.529 ng  
RT: 6.610 min Scan# 769  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion: 128 Resp: 2390  
Ion Ratio Lower Upper  
128 100  
130 29.2 10.5 50.5  
64 45.1 20.3 60.3

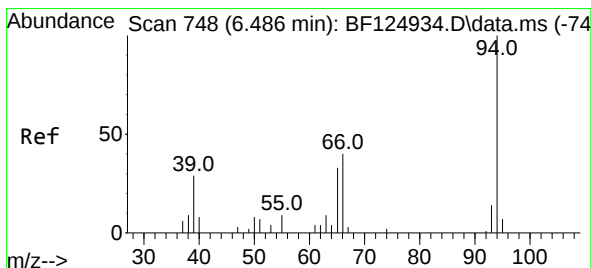
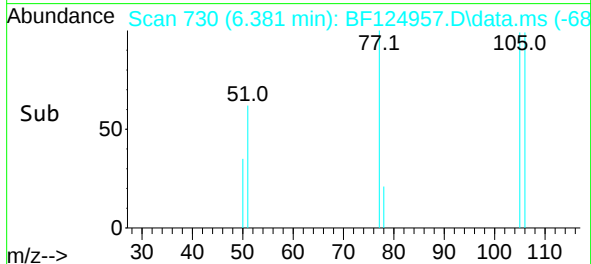
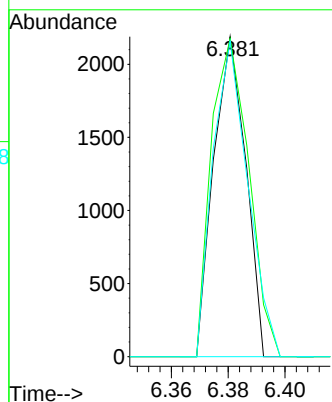
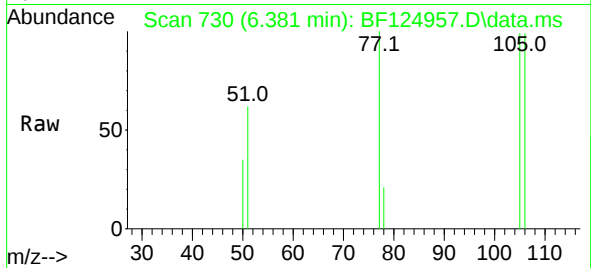




#9  
Benzaldehyde  
Concen: 5.161 ng  
RT: 6.381 min Scan# 730  
Delta R.T. -0.011 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

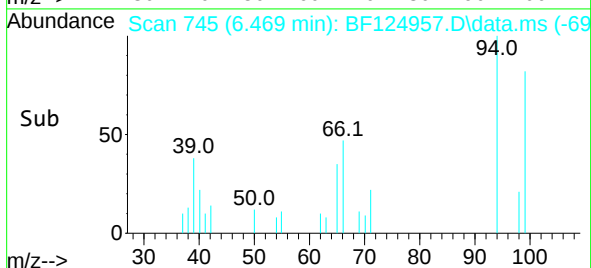
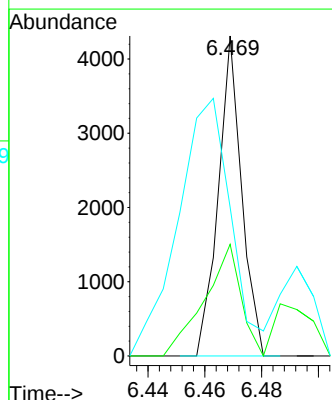
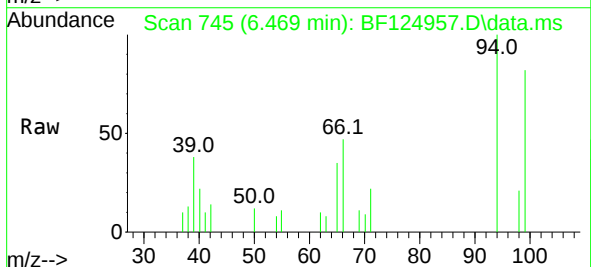
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

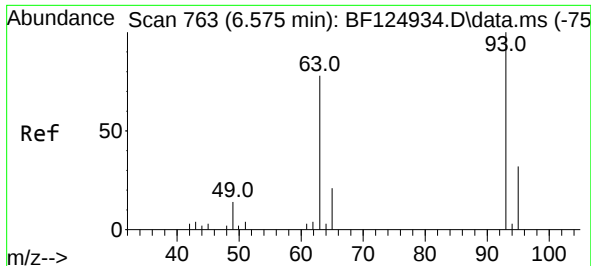
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 1703  |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 105 99.4    | 75.9 115.9  |
| 106 98.5    | 84.0 124.0  |



#10  
Phenol  
Concen: 3.931 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

|             |             |
|-------------|-------------|
| Tgt Ion: 94 | Resp: 2460  |
| Ion Ratio   | Lower Upper |
| 94 100      |             |
| 65 34.9     | 9.3 49.3    |
| 66 46.5     | 20.3 60.3   |

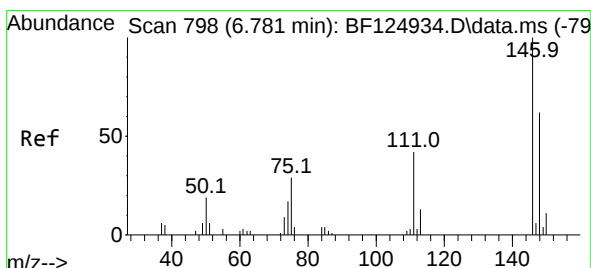
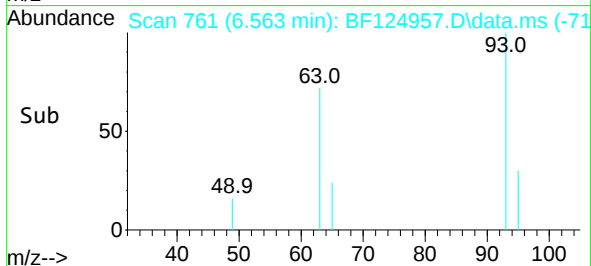
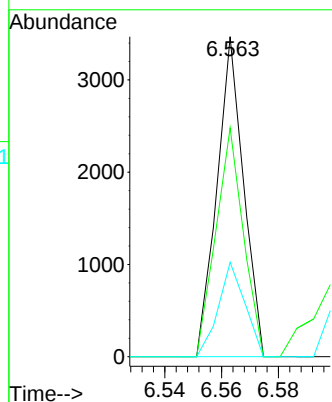
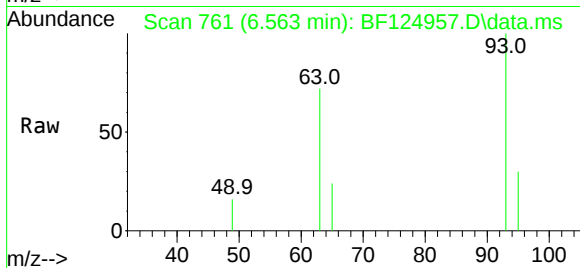




#11  
bis(2-Chloroethyl)ether  
Concen: 4.794 ng  
RT: 6.563 min Scan# 761  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

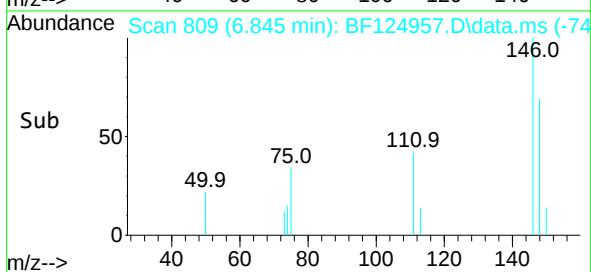
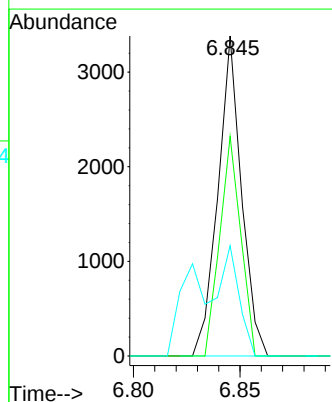
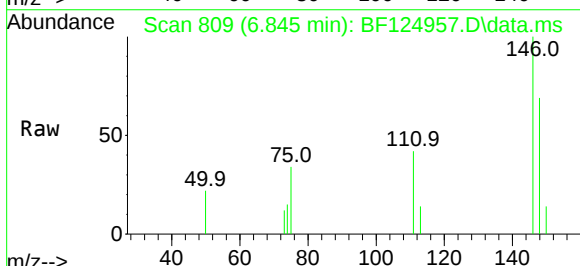
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

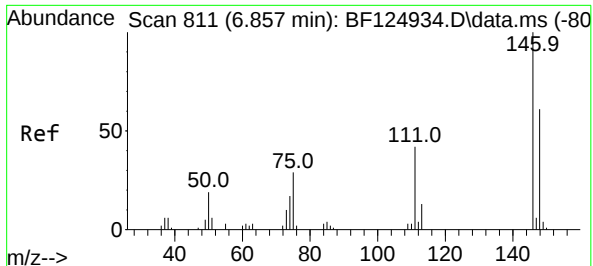
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 93 | Resp: | 2251  |       |
| Ion         | Ratio | Lower | Upper |
| 93          | 100   |       |       |
| 63          | 71.6  | 54.4  | 94.4  |
| 95          | 29.5  | 11.4  | 51.4  |



#12  
1,3-Dichlorobenzene  
Concen: 4.527 ng  
RT: 6.845 min Scan# 809  
Delta R.T. 0.065 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:146 | Resp: | 2600  |       |
| Ion         | Ratio | Lower | Upper |
| 146         | 100   |       |       |
| 148         | 68.6  | 49.7  | 74.5  |
| 75          | 34.4  | 25.2  | 37.8  |





#13

1,4-Dichlorobenzene

Concen: 4.529 ng

RT: 6.845 min Scan# 809

Delta R.T. -0.012 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

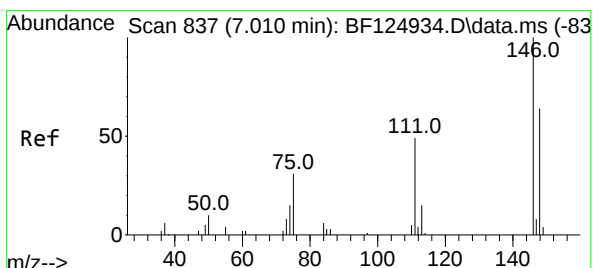
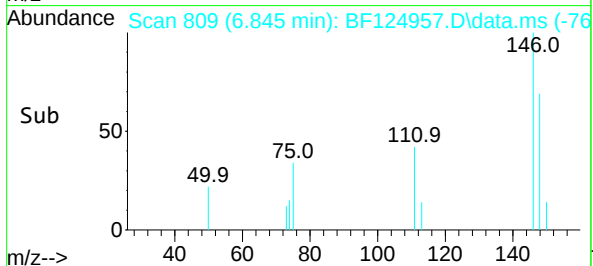
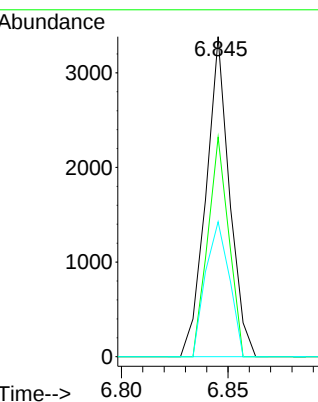
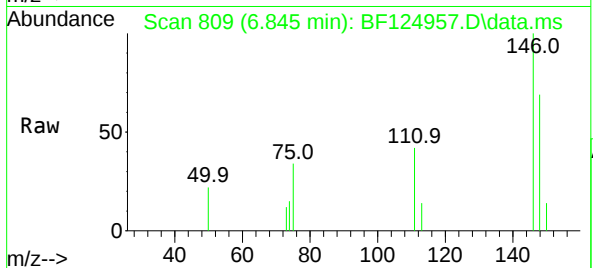
Tgt Ion:146 Resp: 2600

Ion Ratio Lower Upper

146 100

148 68.6 51.9 77.9

111 42.1 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 4.816 ng

RT: 6.998 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

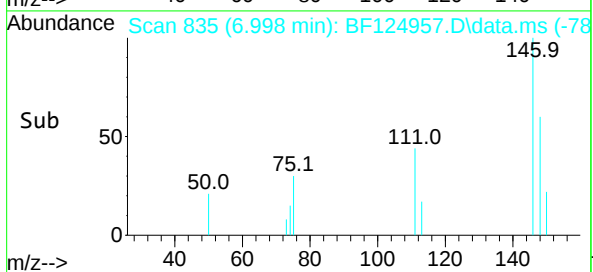
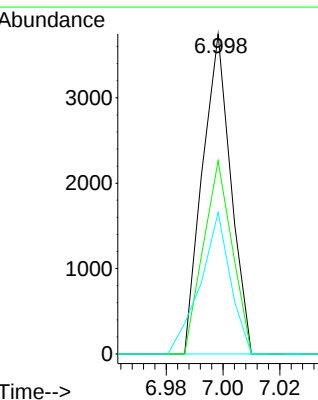
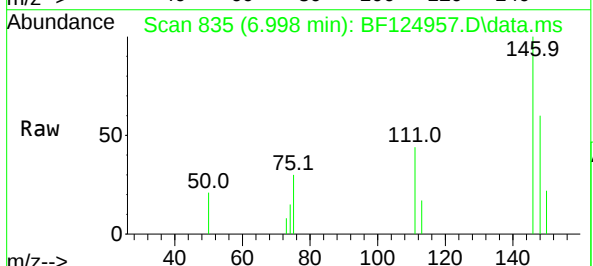
Tgt Ion:146 Resp: 2591

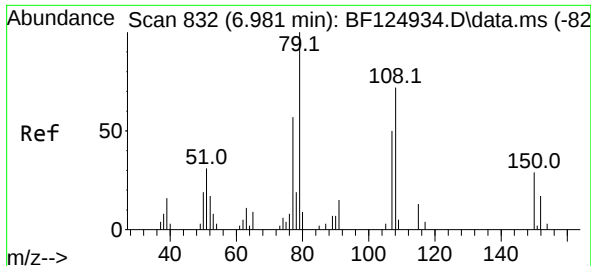
Ion Ratio Lower Upper

146 100

148 60.4 50.6 75.8

111 44.2 33.5 50.3

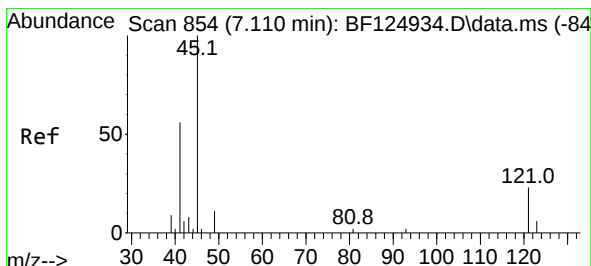
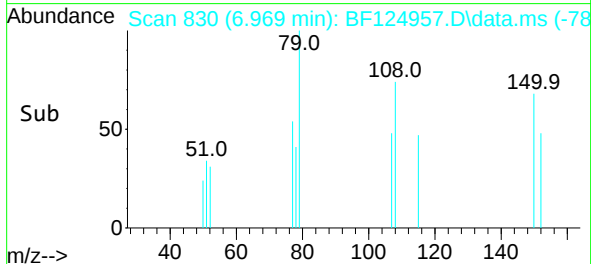
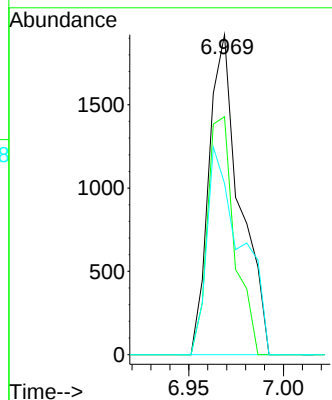
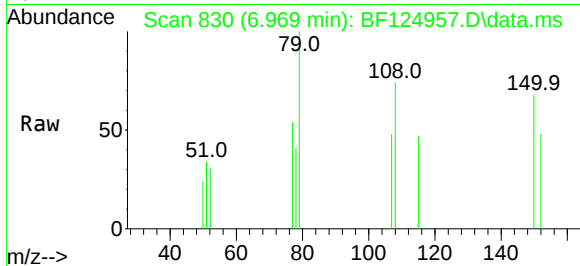




#15  
Benzyl Alcohol  
Concen: 4.996 ng  
RT: 6.969 min Scan# 830  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

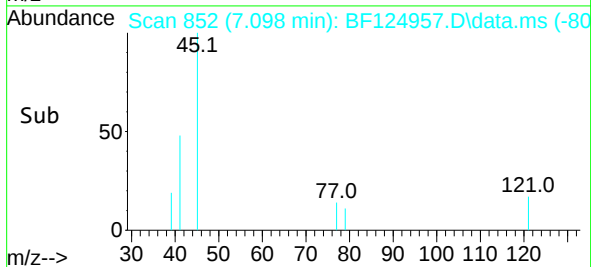
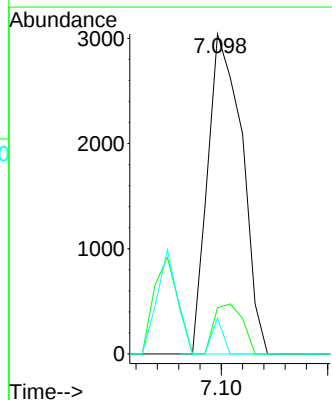
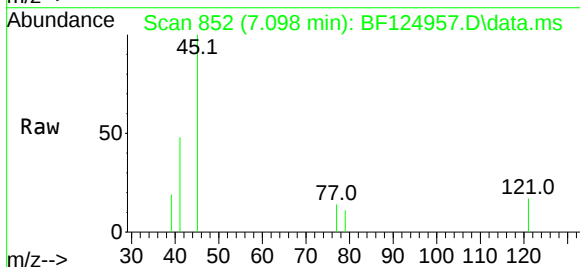
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

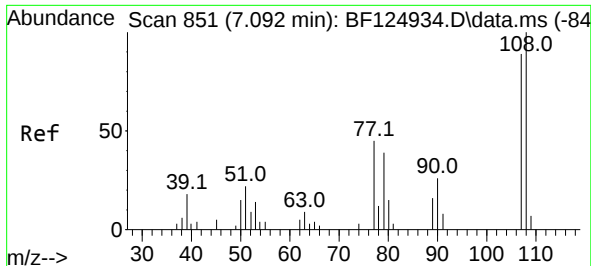
|             |             |
|-------------|-------------|
| Tgt Ion: 79 | Resp: 2186  |
| Ion Ratio   | Lower Upper |
| 79 100      |             |
| 108 74.3    | 60.4 90.6   |
| 77 53.5     | 51.5 77.3   |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.527 ng  
RT: 7.098 min Scan# 852  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

|             |             |
|-------------|-------------|
| Tgt Ion: 45 | Resp: 3405  |
| Ion Ratio   | Lower Upper |
| 45 100      |             |
| 77 14.4     | 0.0 30.6    |
| 79 11.2     | 0.0 27.5    |

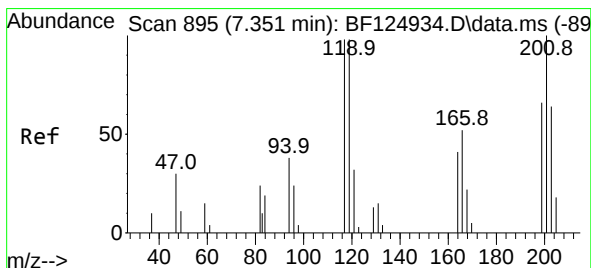
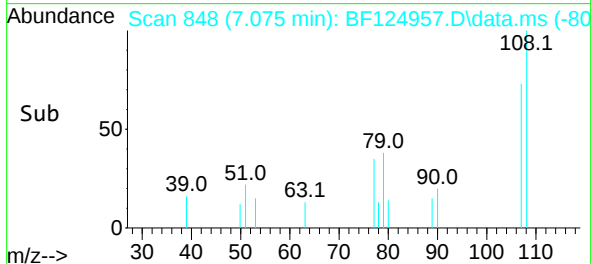
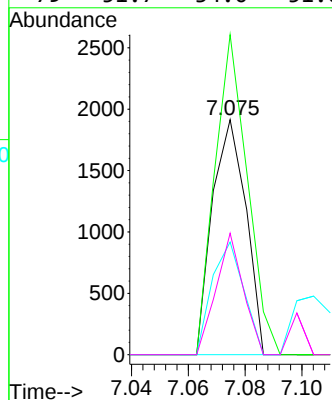
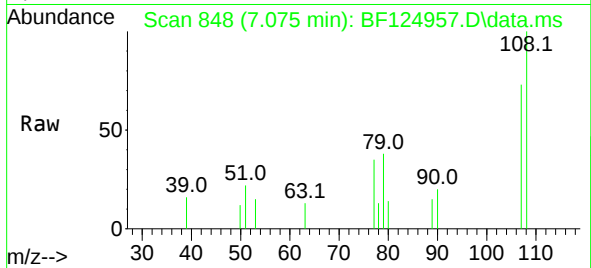




#17  
2-Methylphenol  
Concen: 3.962 ng  
RT: 7.075 min Scan# 848  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

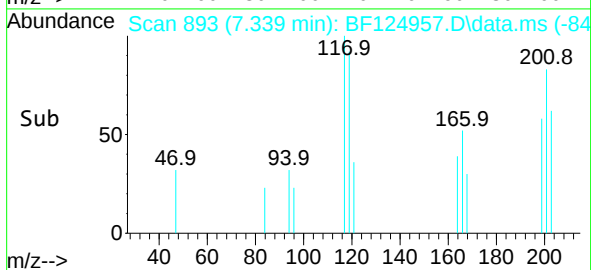
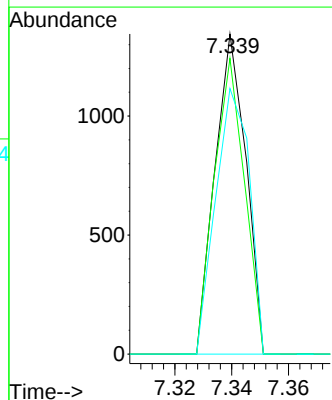
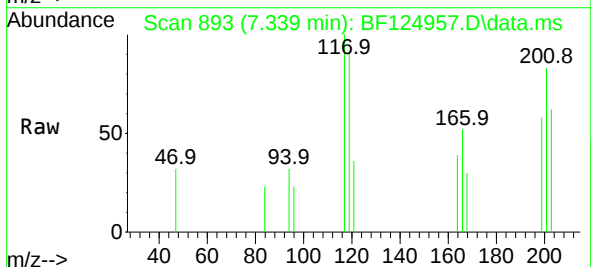
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

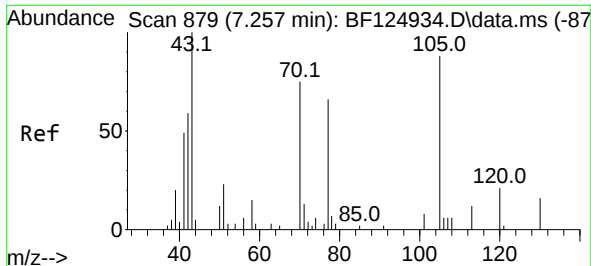
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 1565   |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 136.1 | 90.6  | 135.8# |
| 77       | 47.9  | 35.7  | 53.5   |
| 79       | 51.7  | 34.0  | 51.0#  |



#18  
Hexachloroethane  
Concen: 4.511 ng  
RT: 7.339 min Scan# 893  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 1014  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.4  | 73.4  | 110.2 |
| 201      | 83.0  | 64.9  | 97.3  |

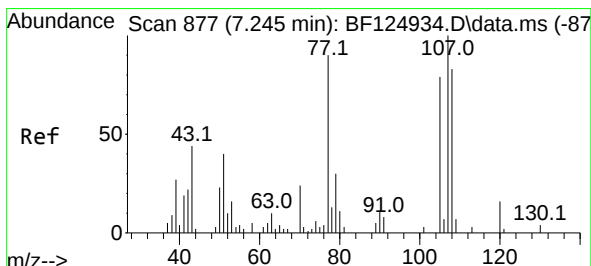
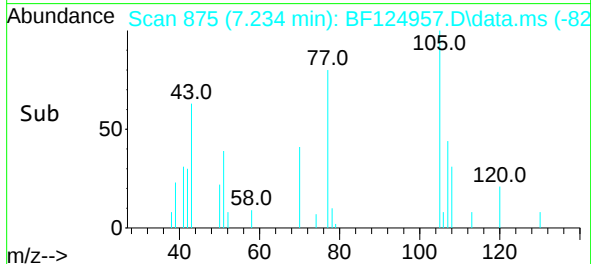
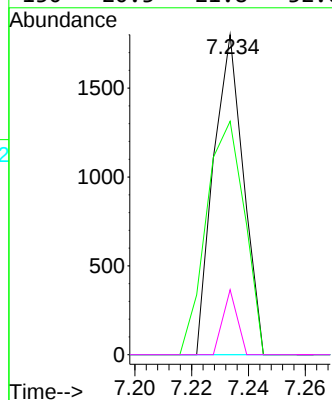
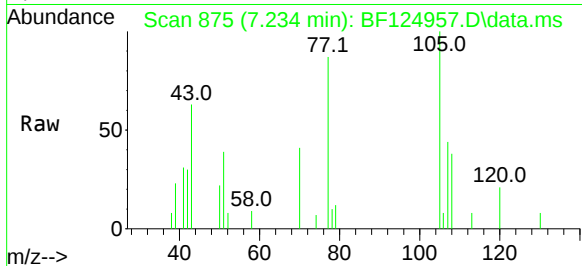




#19  
n-Nitroso-di-n-propylamine  
Concen: 3.651 ng  
RT: 7.234 min Scan# 875  
Delta R.T. -0.023 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

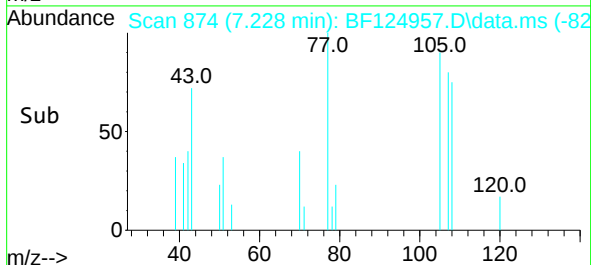
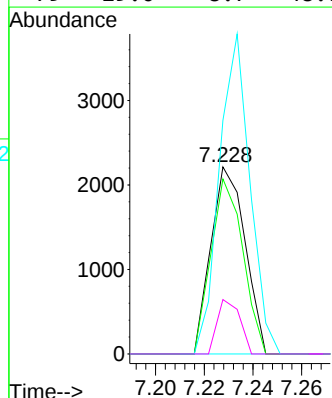
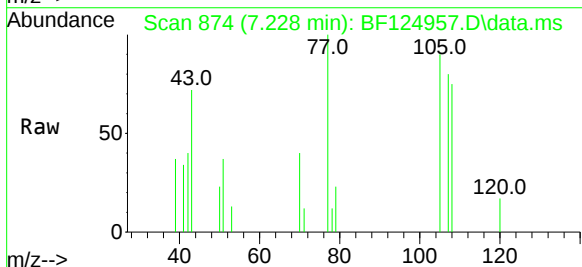
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

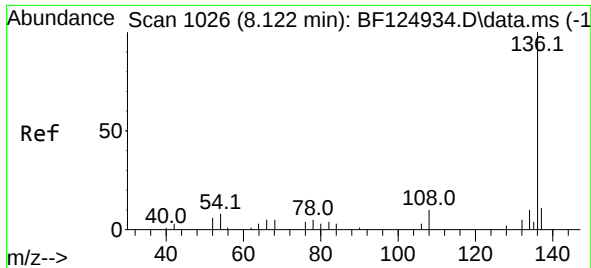
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 1314  |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 73.0  | 72.2  | 108.2 |
| 101      | 0.0   | 7.8   | 11.8# |
| 130      | 20.3  | 21.8  | 32.6# |



#20  
3+4-Methylphenols  
Concen: 4.104 ng  
RT: 7.228 min Scan# 874  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

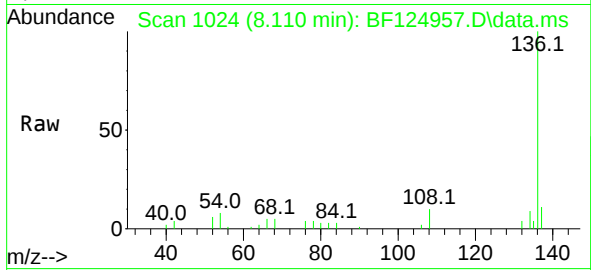
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 2152  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 93.5  | 76.6  | 116.6 |
| 77       | 124.8 | 53.3  | 93.3# |
| 79       | 29.0  | 8.7   | 48.7  |



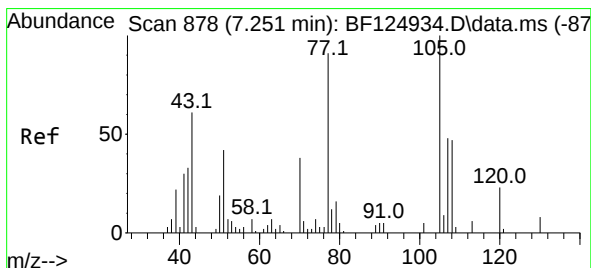
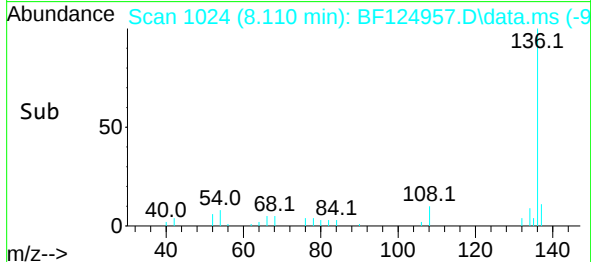
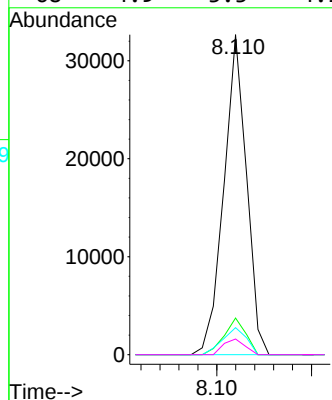


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

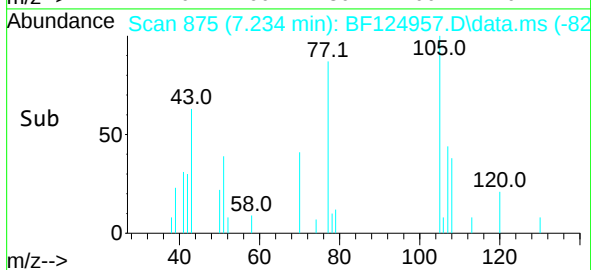
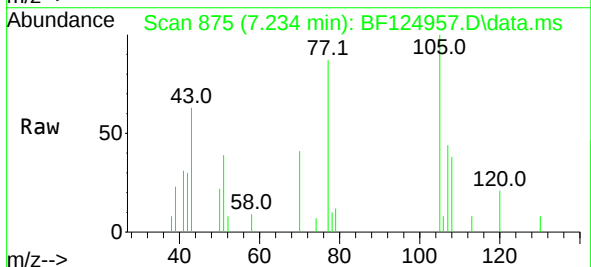
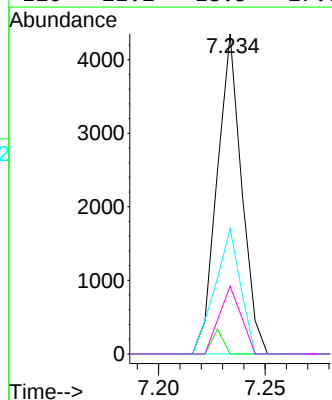


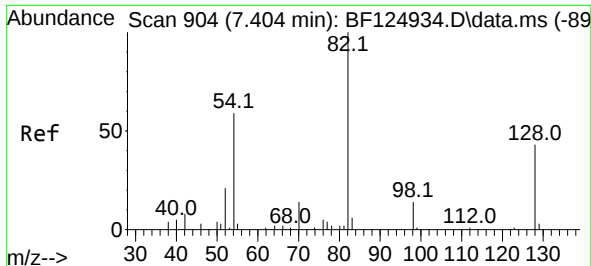
|             |             |
|-------------|-------------|
| Tgt Ion:136 | Resp: 27153 |
| Ion Ratio   | Lower Upper |
| 136 100     |             |
| 137 11.5    | 9.8 14.6    |
| 54 8.5      | 6.4 9.6     |
| 68 4.9      | 3.3 4.9     |



#22  
Acetophenone  
Concen: 5.247 ng  
RT: 7.234 min Scan# 875  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

|             |             |
|-------------|-------------|
| Tgt Ion:105 | Resp: 3489  |
| Ion Ratio   | Lower Upper |
| 105 100     |             |
| 71 0.0      | 5.5 8.3#    |
| 51 39.2     | 26.0 39.0#  |
| 120 21.2    | 18.5 27.7   |





#23

Nitrobenzene-d5

Concen: 64.090 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

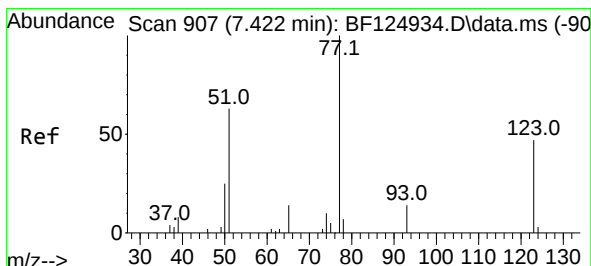
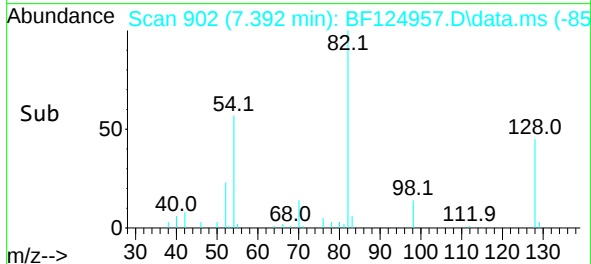
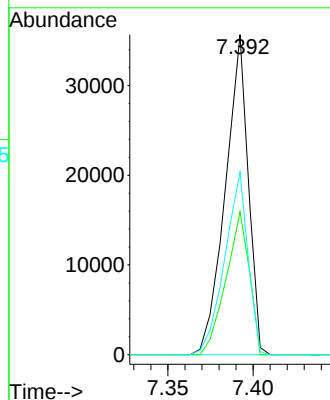
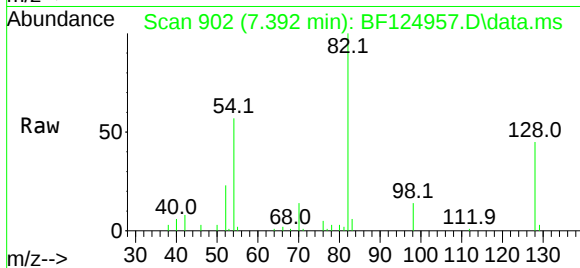
Tgt Ion: 82 Resp: 33266

Ion Ratio Lower Upper

82 100

128 44.7 40.6 60.8

54 57.1 49.6 74.4



#24

Nitrobenzene

Concen: 4.765 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

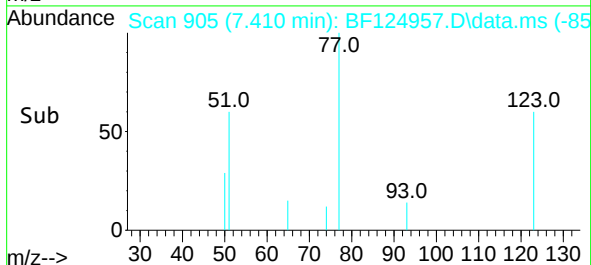
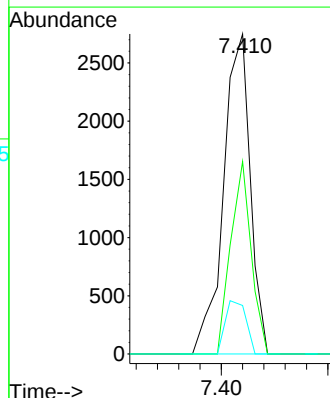
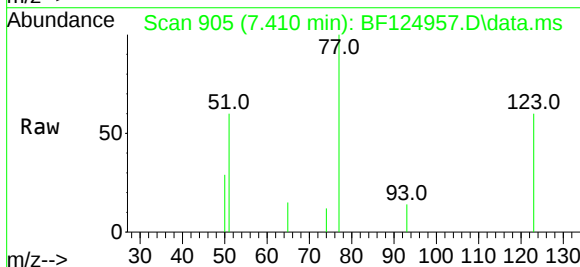
Tgt Ion: 77 Resp: 2393

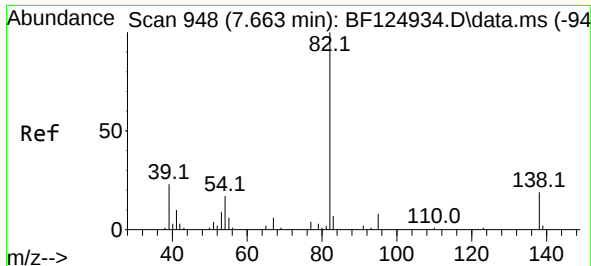
Ion Ratio Lower Upper

77 100

123 60.2 42.3 63.5

65 15.2 12.4 18.6

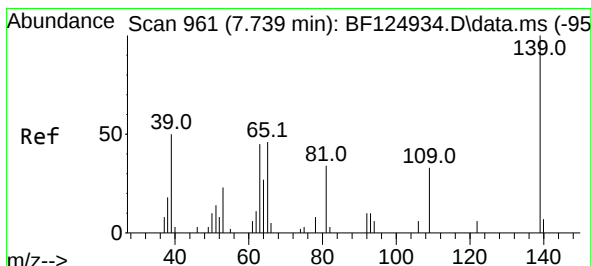
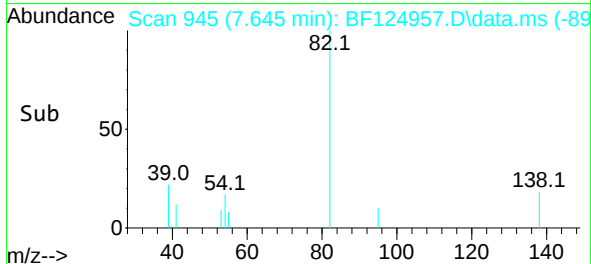
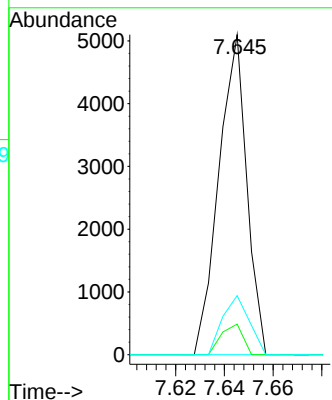
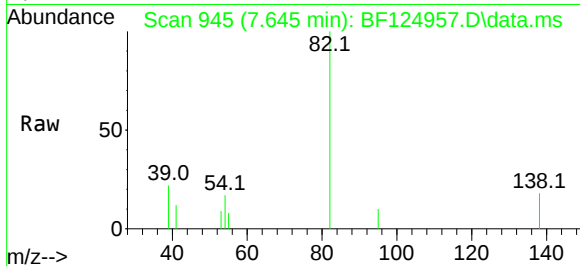




#25  
Isophorone  
Concen: 4.587 ng  
RT: 7.645 min Scan# 945  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

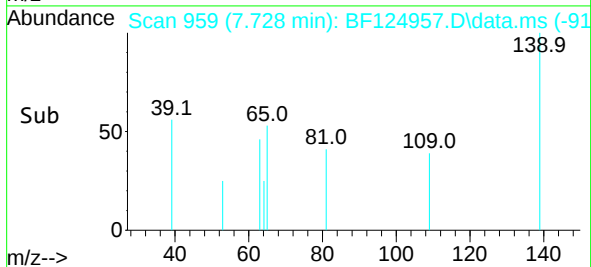
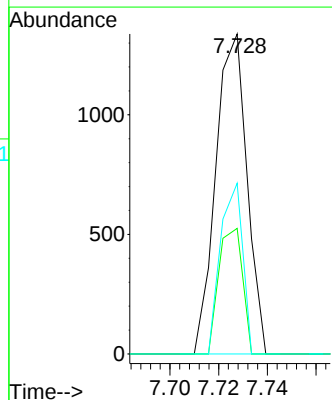
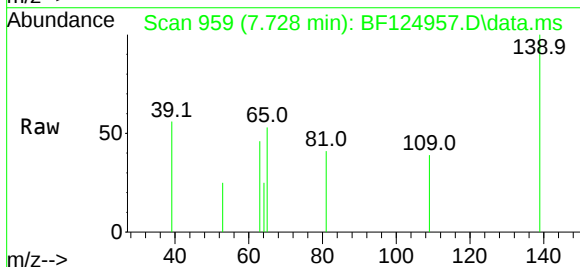
Instrument :  
BNA\_F  
ClientSampleId :  
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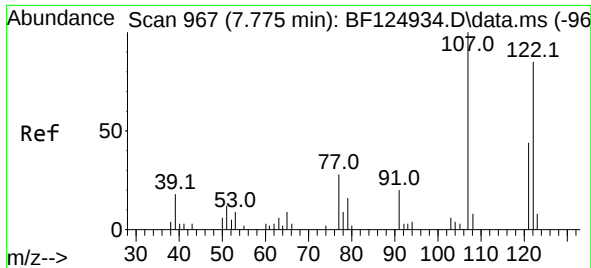
Tgt Ion: 82 Resp: 4064  
Ion Ratio Lower Upper  
82 100  
95 9.5 6.5 9.7  
138 18.5 18.4 27.6



#26  
2-Nitrophenol  
Concen: 4.662 ng  
RT: 7.728 min Scan# 959  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion: 139 Resp: 1189  
Ion Ratio Lower Upper  
139 100  
109 39.2 26.0 39.0#  
65 53.4 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 5.676 ng

RT: 7.757 min Scan# 964

Delta R.T. -0.018 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

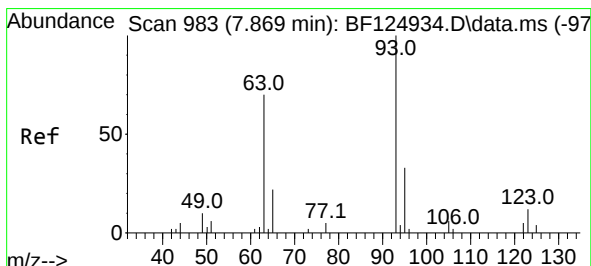
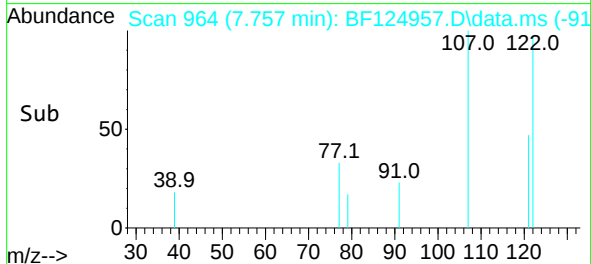
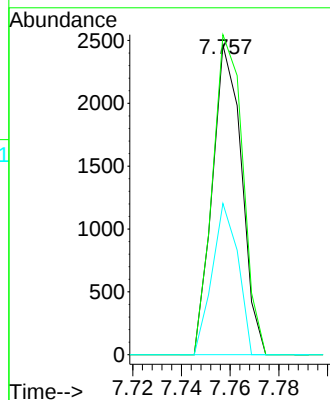
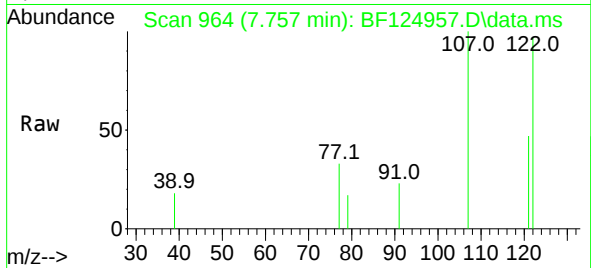
Instrument :

BNA\_F

ClientSampleId :

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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:122 | Resp: | 2052        |
| Ion         | Ratio | Lower Upper |
| 122         | 100   |             |
| 107         | 103.2 | 85.0 127.6  |
| 121         | 48.8  | 43.3 64.9   |



#28

bis(2-Chloroethoxy)methane

Concen: 5.044 ng

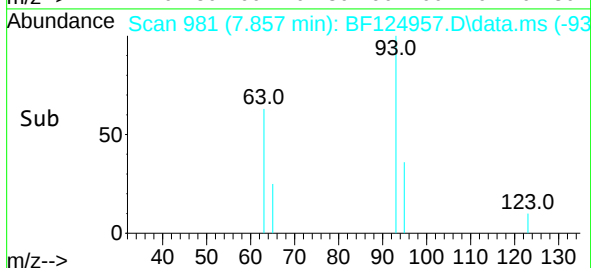
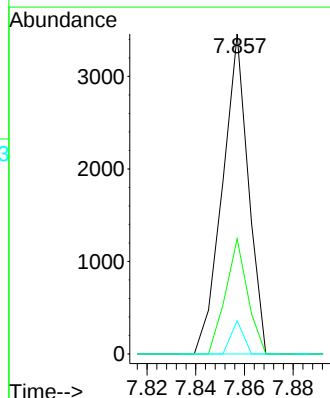
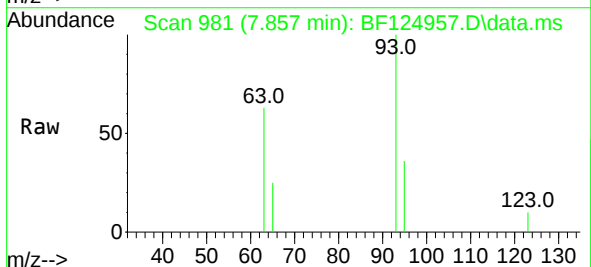
RT: 7.857 min Scan# 981

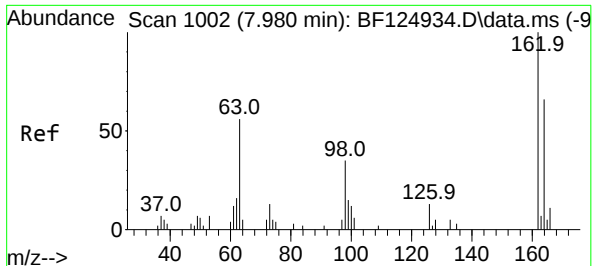
Delta R.T. -0.012 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 93 | Resp: | 2543        |
| Ion         | Ratio | Lower Upper |
| 93          | 100   |             |
| 95          | 36.0  | 26.1 39.1   |
| 123         | 10.4  | 11.7 17.5   |

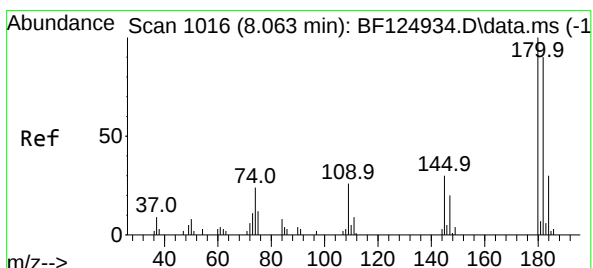
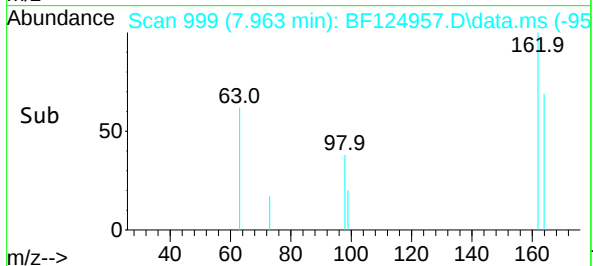
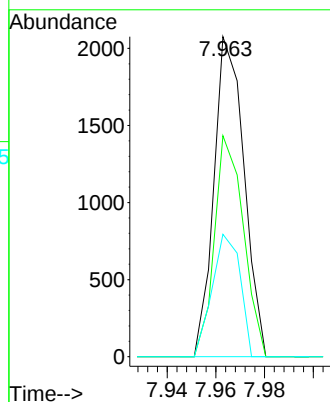
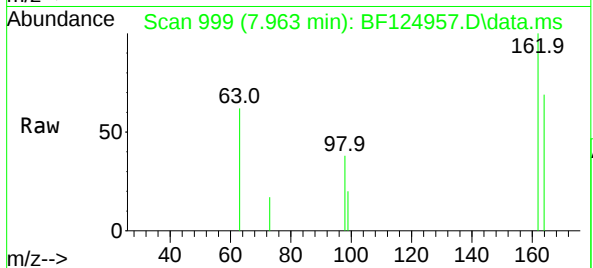




#29  
2,4-Dichlorophenol  
Concen: 4.424 ng  
RT: 7.963 min Scan# 999  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

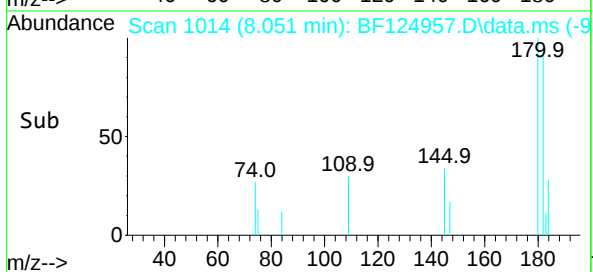
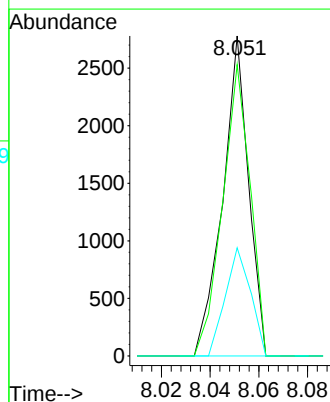
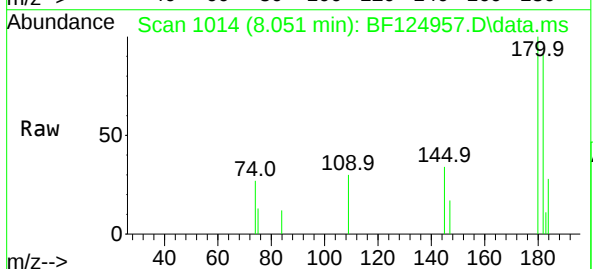
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

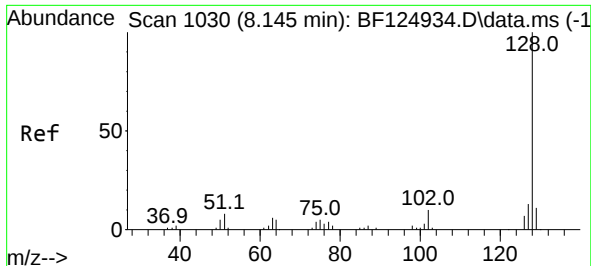
Tgt Ion:162 Resp: 1782  
Ion Ratio Lower Upper  
162 100  
164 69.1 44.5 84.5  
98 38.2 13.0 53.0



#30  
1,2,4-Trichlorobenzene  
Concen: 4.535 ng  
RT: 8.051 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

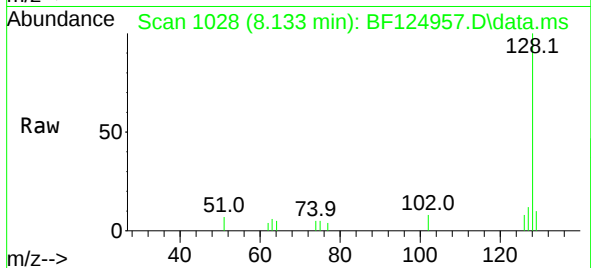
Tgt Ion:180 Resp: 2047  
Ion Ratio Lower Upper  
180 100  
182 91.0 76.8 115.2  
145 33.8 26.7 40.1



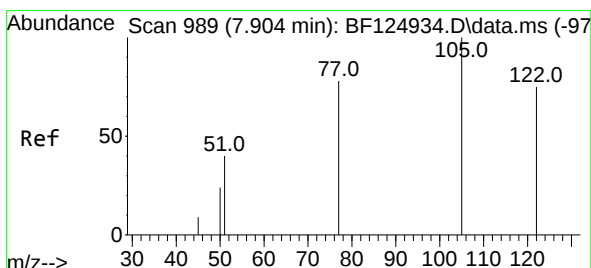
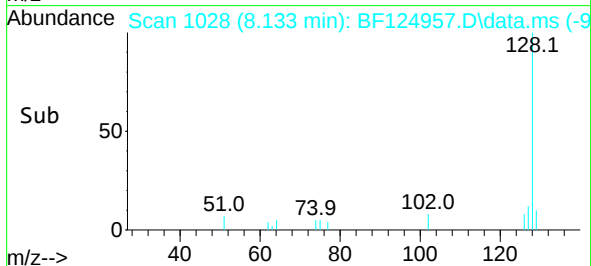
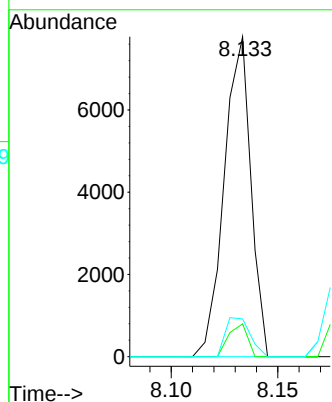


#31  
Naphthalene  
Concen: 4.843 ng  
RT: 8.133 min Scan# 1028  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Instrument :  
BNA\_F  
ClientSampleId :  
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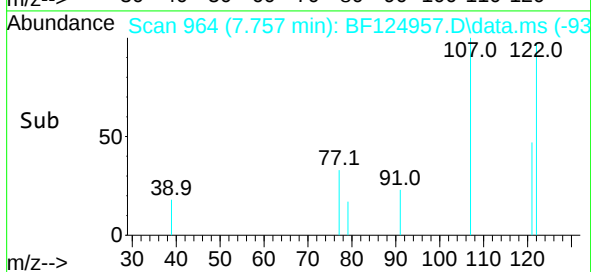
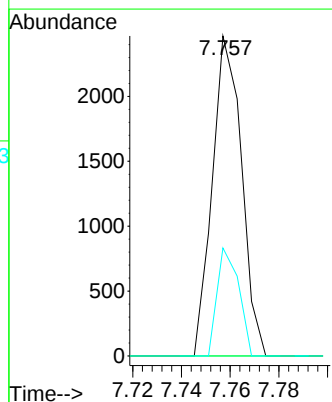
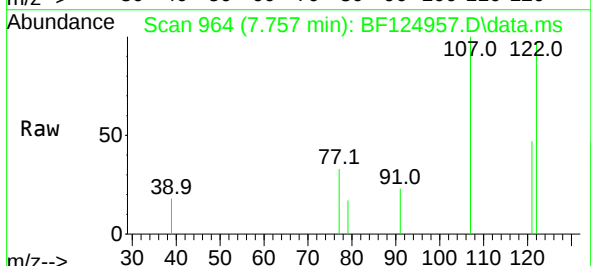


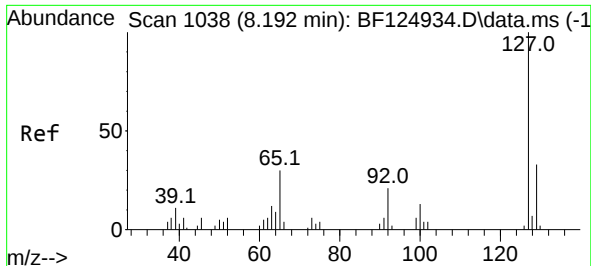
Tgt Ion:128 Resp: 6757  
Ion Ratio Lower Upper  
128 100  
129 10.2 9.4 14.0  
127 11.8 10.9 16.3



#32  
Benzoic acid  
Concen: 15.532 ng  
RT: 7.757 min Scan# 964  
Delta R.T. -0.147 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

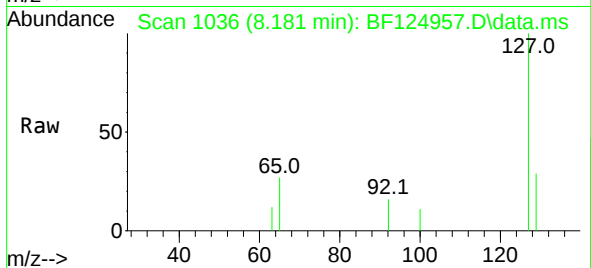
Tgt Ion:122 Resp: 2052  
Ion Ratio Lower Upper  
122 100  
105 0.0 97.6 137.6#  
77 33.7 59.6 99.6#



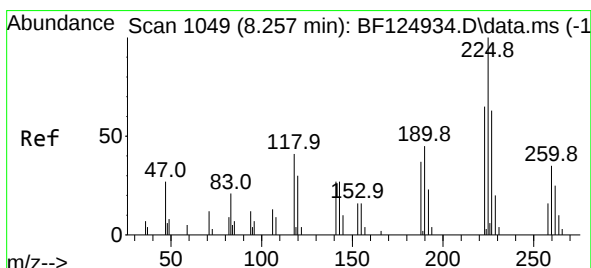
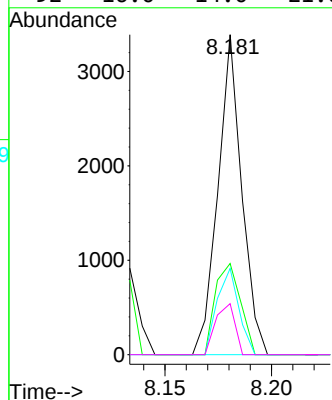
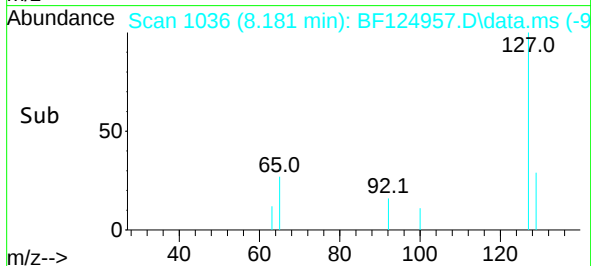


#33  
4-Chloroaniline  
Concen: 5.061 ng  
RT: 8.181 min Scan# 1036  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

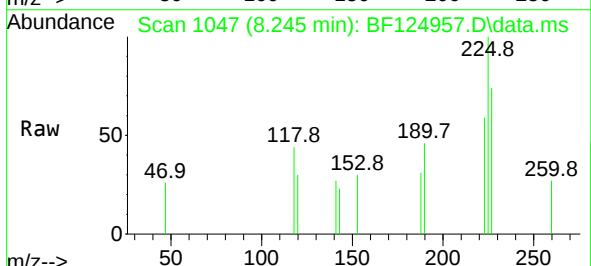
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021



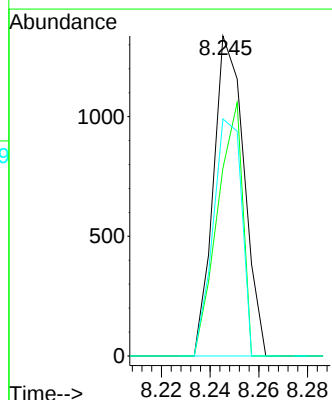
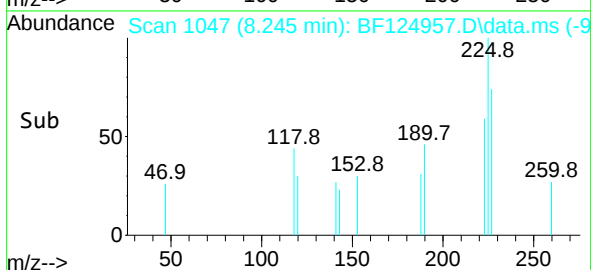
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 2631  |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 28.5  | 25.7  | 38.5  |
| 65       | 26.9  | 21.2  | 31.8  |
| 92       | 16.0  | 14.0  | 21.0  |

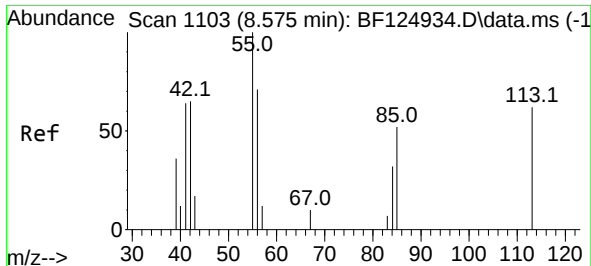


#34  
Hexachlorobutadiene  
Concen: 4.318 ng  
RT: 8.245 min Scan# 1047  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1164  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 58.7  | 50.6  | 76.0  |
| 227      | 74.0  | 50.6  | 75.8  |

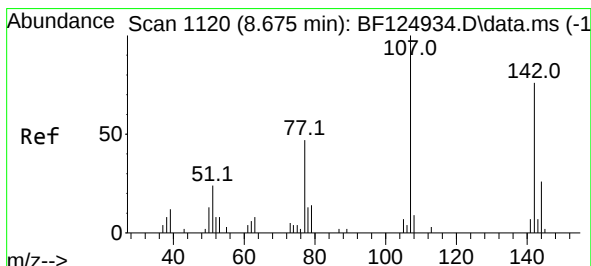
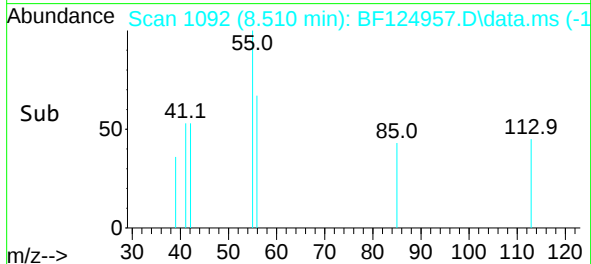
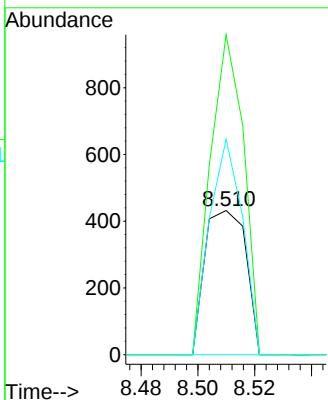
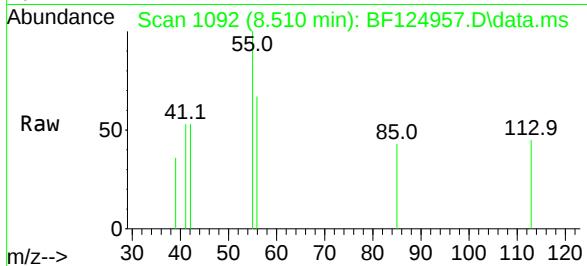




#35  
 Caprolactam  
 Concen: 4.039 ng  
 RT: 8.510 min Scan# 1092  
 Delta R.T. -0.065 min  
 Lab File: BF124957.D  
 Acq: 6 Aug 2021 10:50

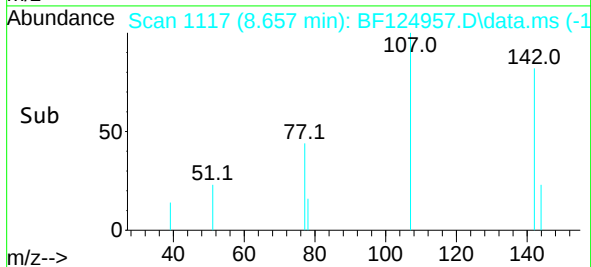
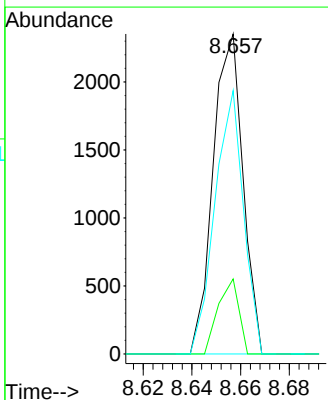
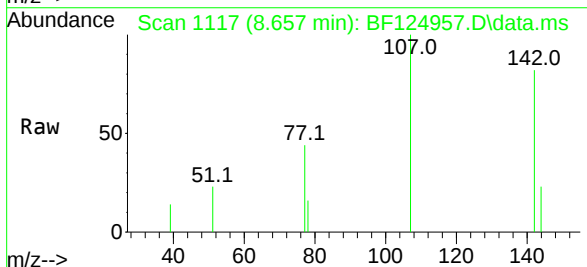
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2021

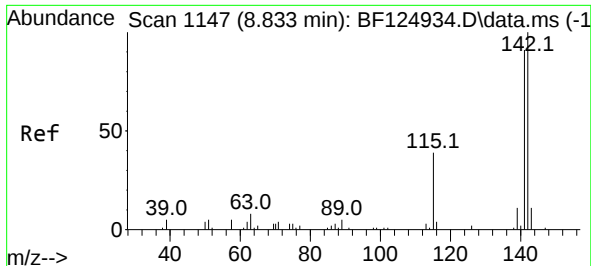
Tgt Ion:113 Resp: 432  
 Ion Ratio Lower Upper  
 113 100  
 55 222.0 154.1 194.1#  
 56 149.5 108.7 148.7#



#36  
 4-Chloro-3-methylphenol  
 Concen: 4.744 ng  
 RT: 8.657 min Scan# 1117  
 Delta R.T. -0.018 min  
 Lab File: BF124957.D  
 Acq: 6 Aug 2021 10:50

Tgt Ion:107 Resp: 1999  
 Ion Ratio Lower Upper  
 107 100  
 144 23.5 21.9 32.9  
 142 82.3 67.1 100.7

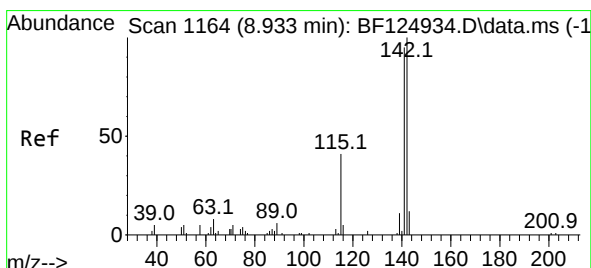
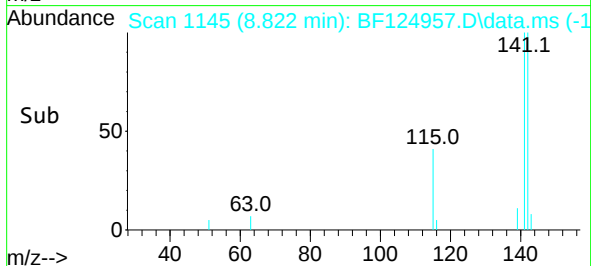
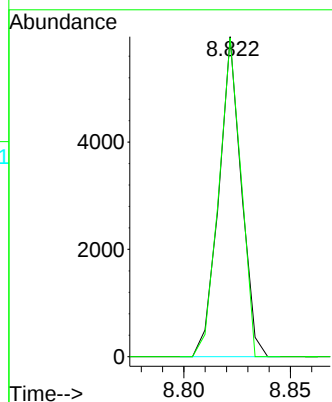
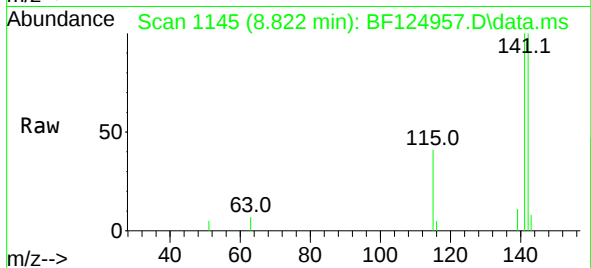




#37  
2-Methylnaphthalene  
Concen: 4.669 ng  
RT: 8.822 min Scan# 1145  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

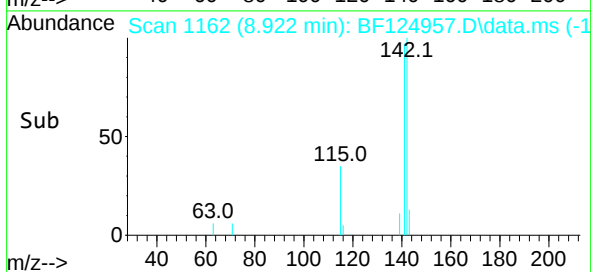
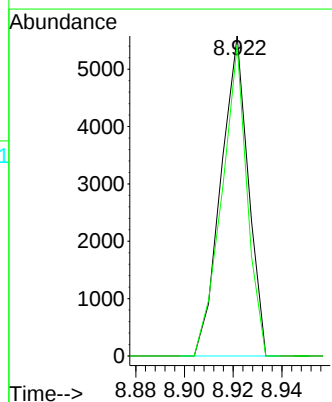
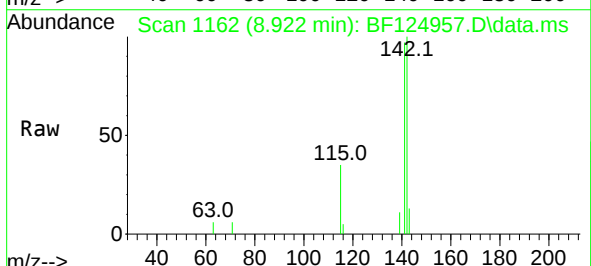
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

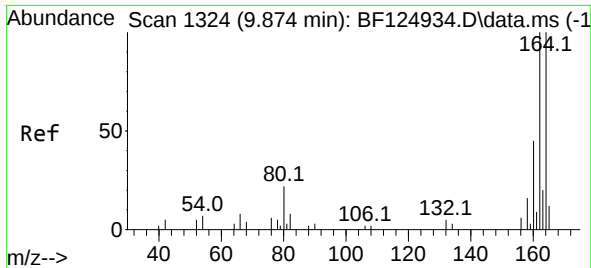
Tgt Ion:142 Resp: 4379  
Ion Ratio Lower Upper  
142 100  
141 99.6 71.2 106.8



#38  
1-Methylnaphthalene  
Concen: 4.954 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:142 Resp: 4348  
Ion Ratio Lower Upper  
142 100  
141 97.2 76.0 114.0

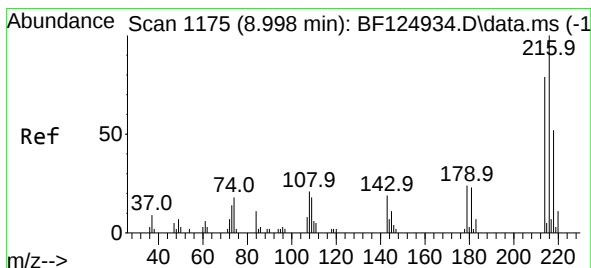
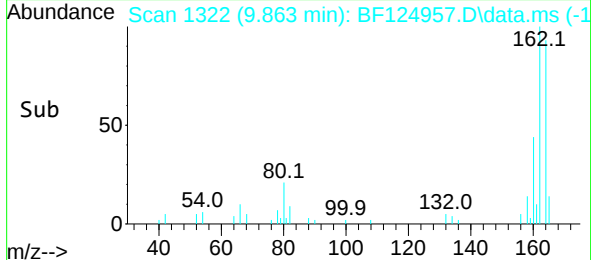
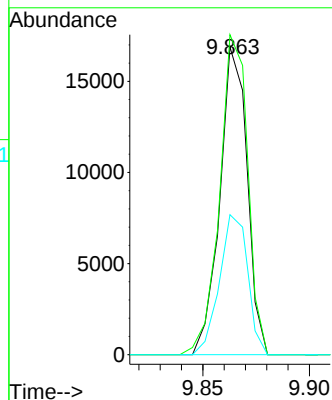
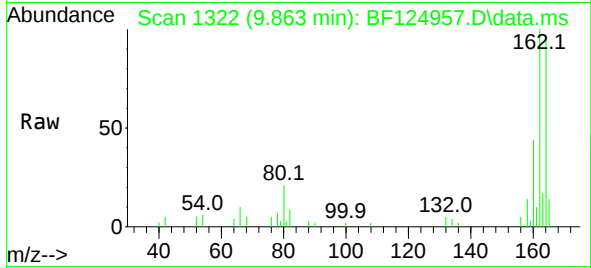




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.011 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

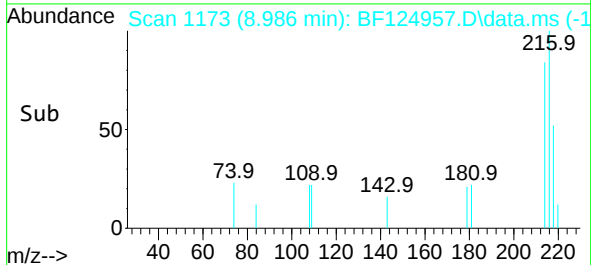
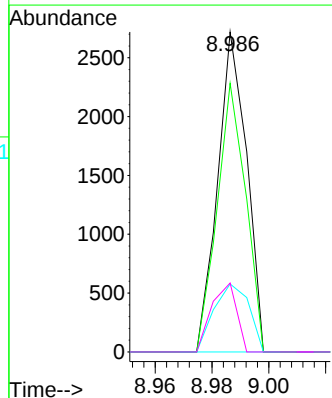
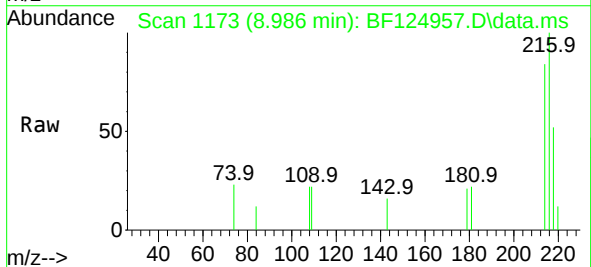
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

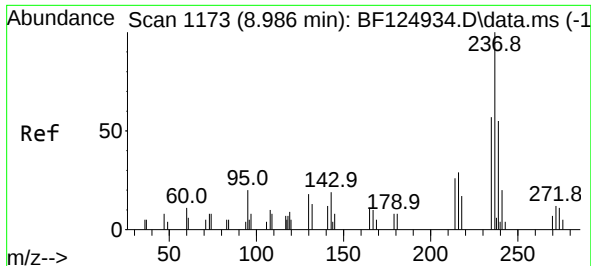
Tgt Ion:164 Resp: 14994  
Ion Ratio Lower Upper  
164 100  
162 104.0 81.3 121.9  
160 45.5 38.0 57.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.454 ng  
RT: 8.986 min Scan# 1173  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:216 Resp: 1917  
Ion Ratio Lower Upper  
216 100  
214 82.9 64.9 97.3  
179 25.8 17.4 26.2  
108 18.7 16.5 24.7

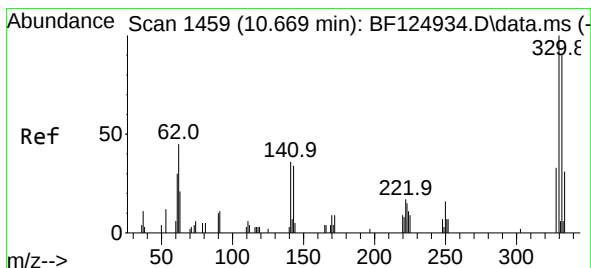
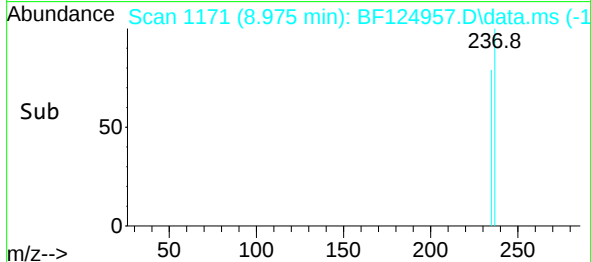
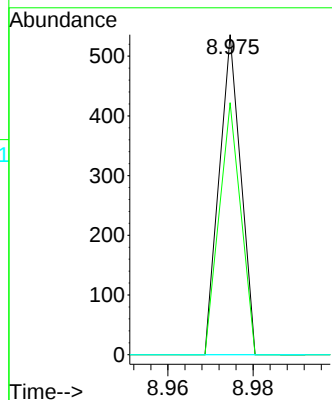
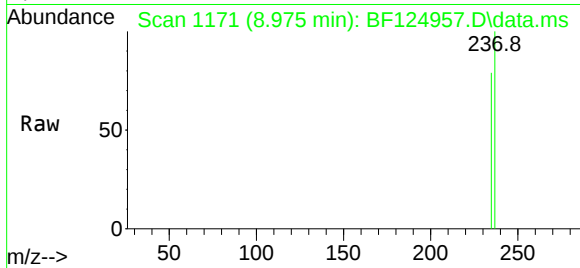




#41  
Hexachlorocyclopentadiene  
Concen: 6.466 ng  
RT: 8.975 min Scan# 1171  
Delta R.T. -0.011 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

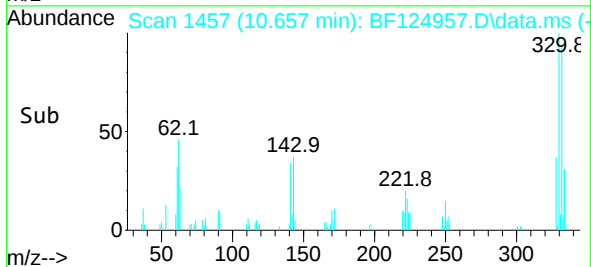
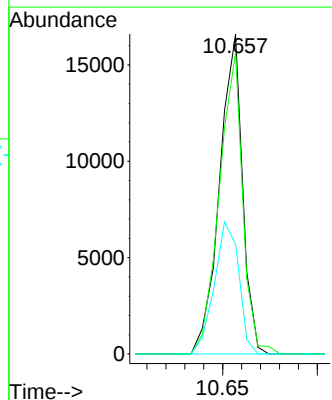
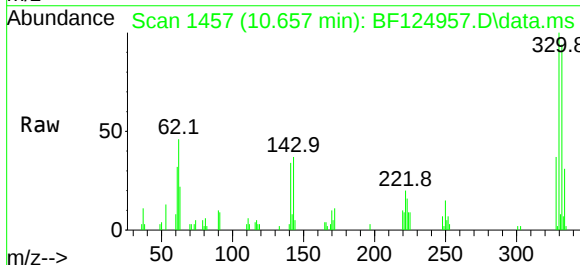
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

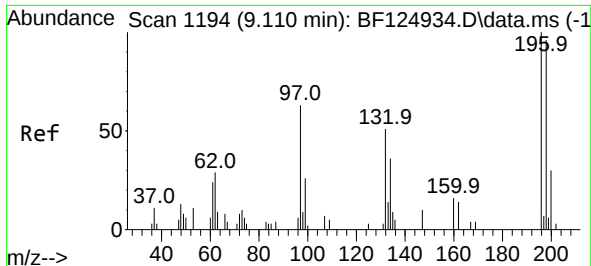
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 189       |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 78.7  | 44.7 84.7 |
| 272         | 0.0   | 0.0 31.6  |



#42  
2,4,6-Tribromophenol  
Concen: 104.348 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 13978      |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 95.9  | 76.2 114.4 |
| 141         | 44.0  | 44.6 66.8# |

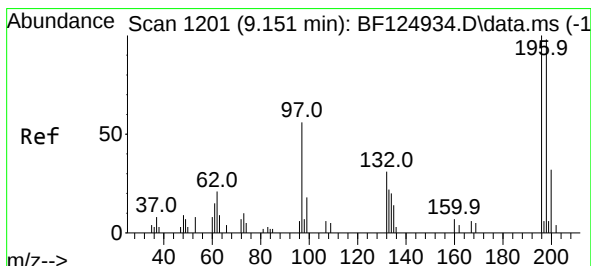
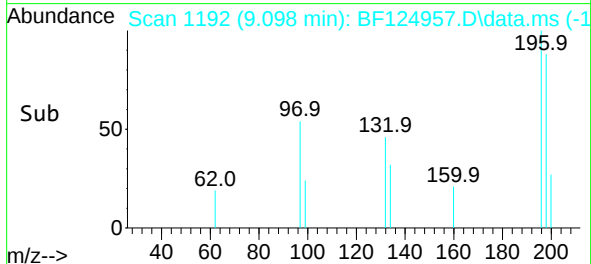
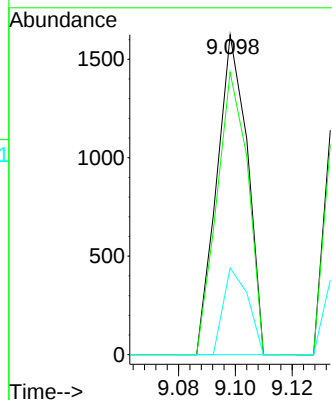
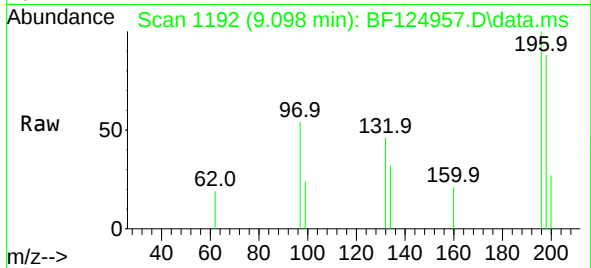




#43  
2,4,6-Trichlorophenol  
Concen: 4.223 ng  
RT: 9.098 min Scan# 1192  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

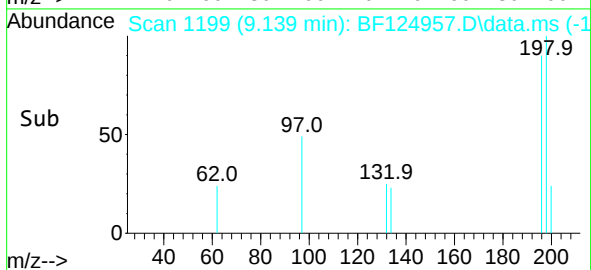
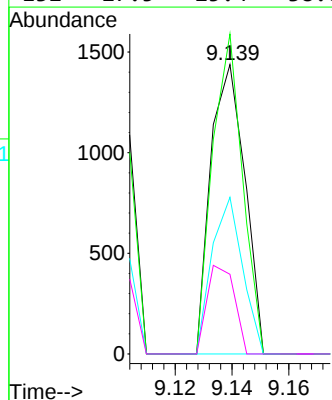
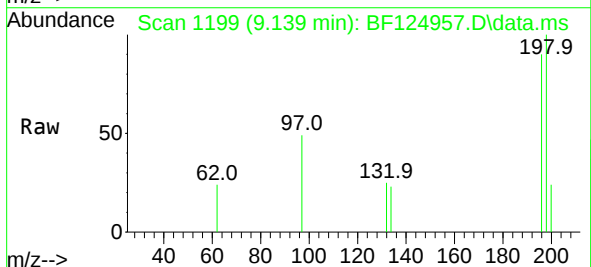
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

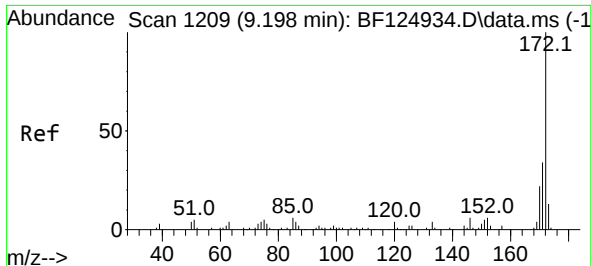
Tgt Ion:196 Resp: 1210  
Ion Ratio Lower Upper  
196 100  
198 88.3 74.9 112.3  
200 27.1 27.0 40.4



#44  
2,4,5-Trichlorophenol  
Concen: 4.131 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:196 Resp: 1198  
Ion Ratio Lower Upper  
196 100  
198 110.6 80.2 120.2  
97 54.1 44.0 66.0  
132 27.5 25.4 38.0

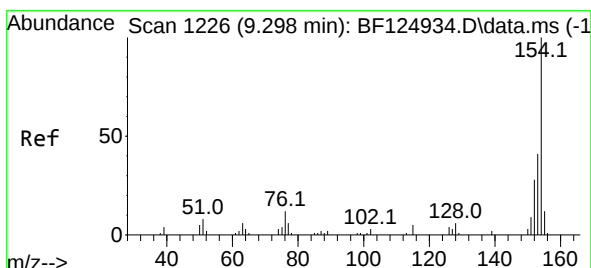
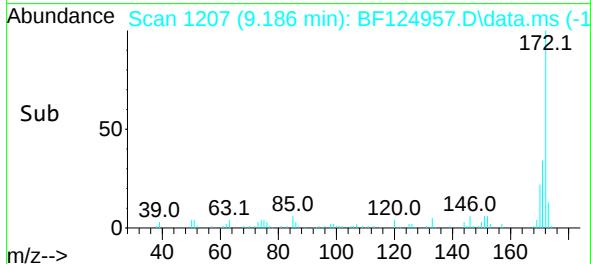
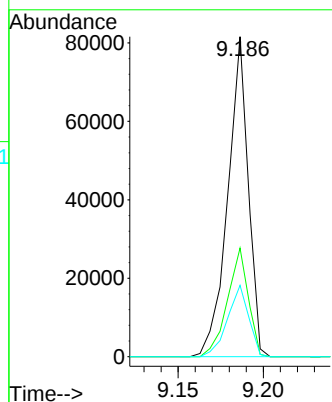
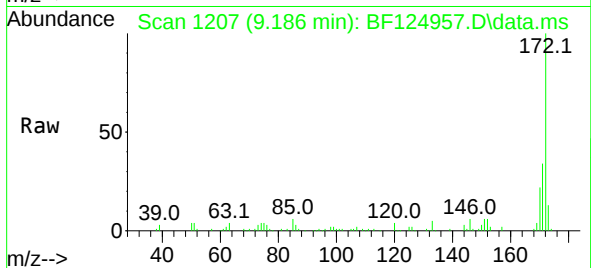




#45  
2-Fluorobiphenyl  
Concen: 66.630 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

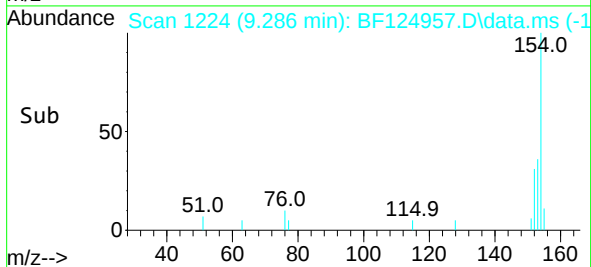
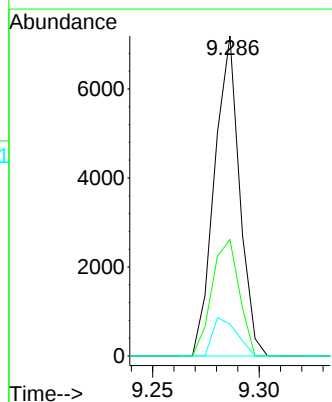
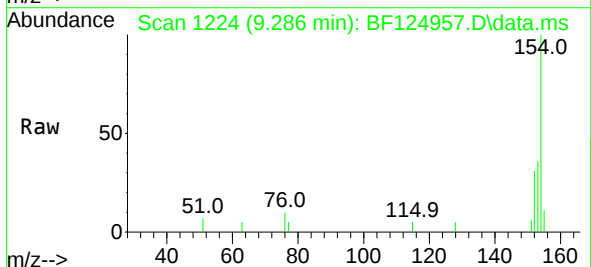
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

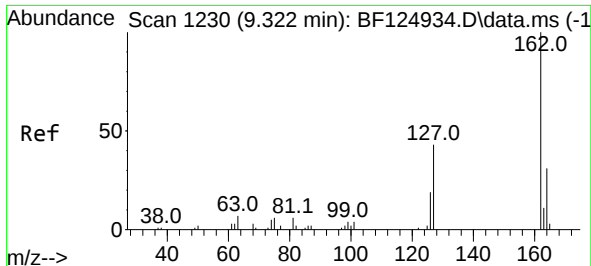
Tgt Ion:172 Resp: 68277  
Ion Ratio Lower Upper  
172 100  
171 33.9 26.5 39.7  
170 22.3 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 5.262 ng  
RT: 9.286 min Scan# 1224  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:154 Resp: 5880  
Ion Ratio Lower Upper  
154 100  
153 36.3 20.0 60.0  
76 9.9 0.0 30.3

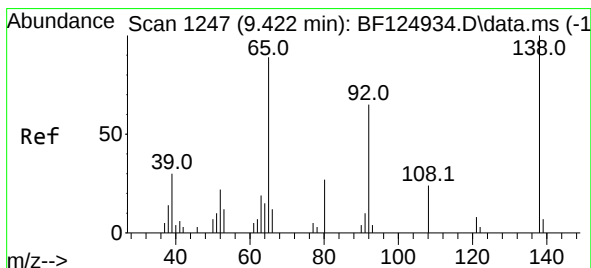
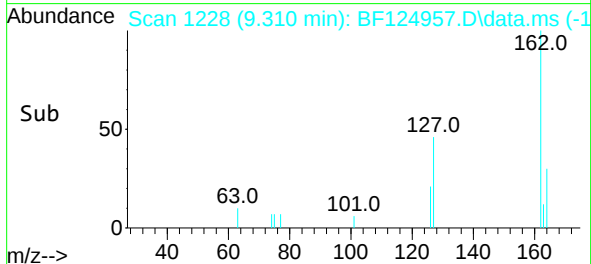
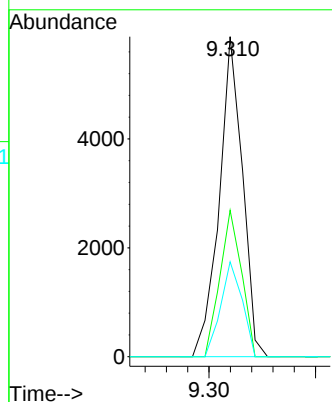
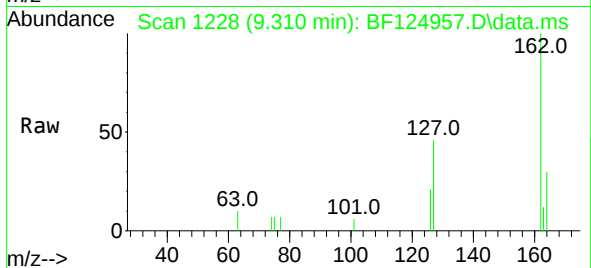




#47  
2-Chloronaphthalene  
Concen: 5.005 ng  
RT: 9.310 min Scan# 1228  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

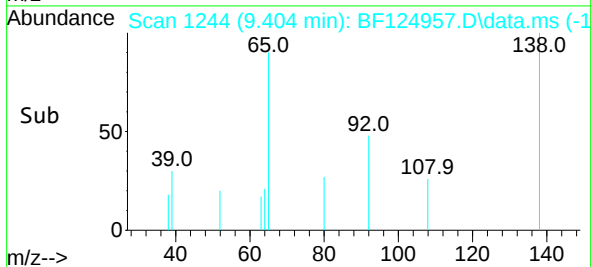
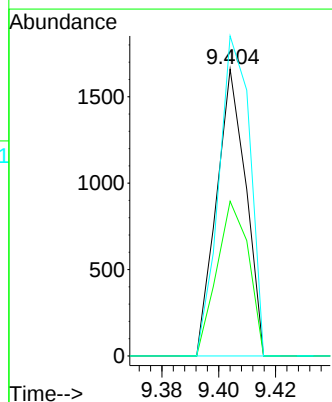
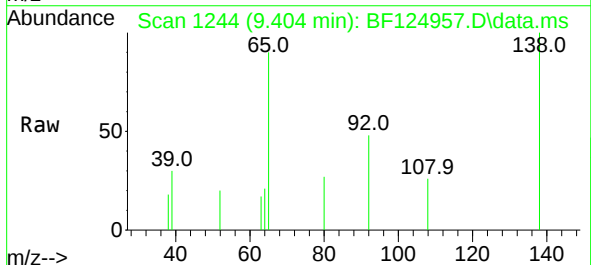
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

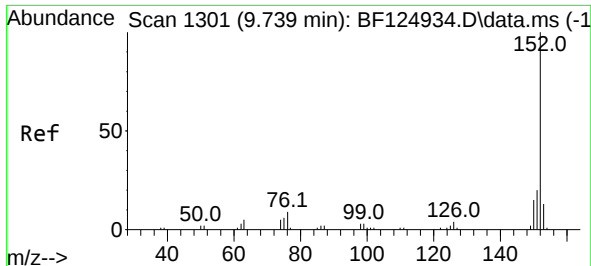
Tgt Ion:162 Resp: 4449  
Ion Ratio Lower Upper  
162 100  
127 45.8 33.0 49.4  
164 29.6 25.8 38.8



#48  
2-Nitroaniline  
Concen: 4.546 ng  
RT: 9.404 min Scan# 1244  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion: 65 Resp: 1187  
Ion Ratio Lower Upper  
65 100  
92 53.9 55.5 83.3#  
138 111.6 93.5 140.3





#49

Acenaphthylene

Concen: 5.158 ng

RT: 9.727 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

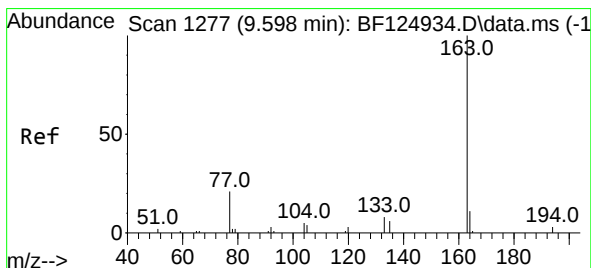
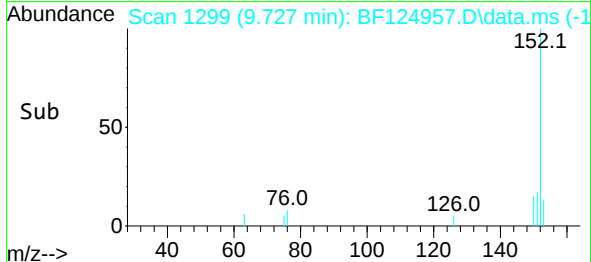
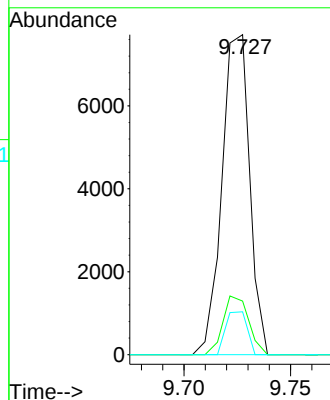
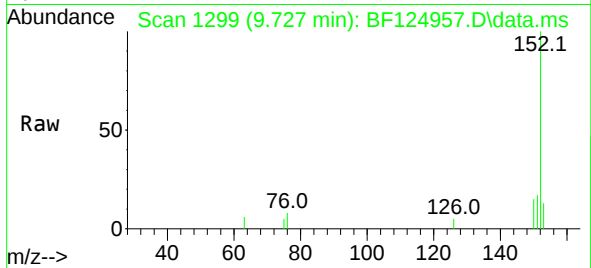
Tgt Ion:152 Resp: 6965

Ion Ratio Lower Upper

152 100

151 16.8 15.7 23.5

153 13.4 9.8 14.8



#50

Dimethylphthalate

Concen: 4.966 ng

RT: 9.580 min Scan# 1274

Delta R.T. -0.018 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

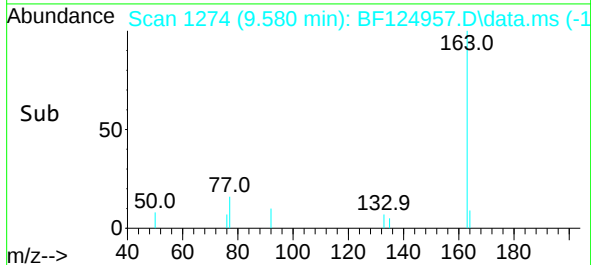
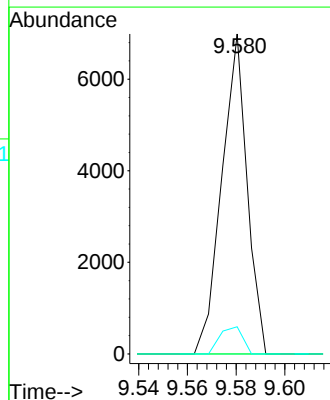
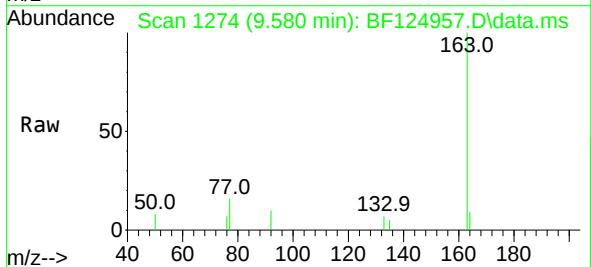
Tgt Ion:163 Resp: 5046

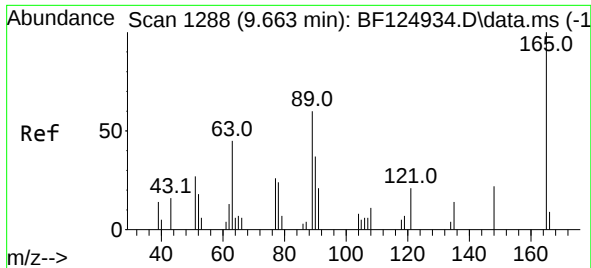
Ion Ratio Lower Upper

163 100

194 0.0 2.6 3.8#

164 8.5 7.4 11.0

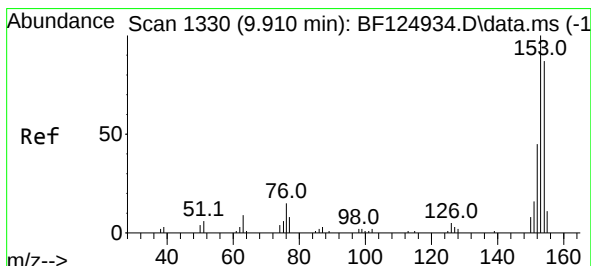
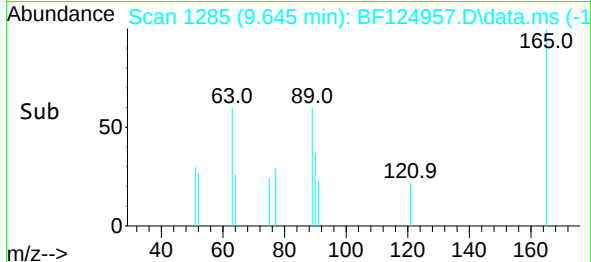
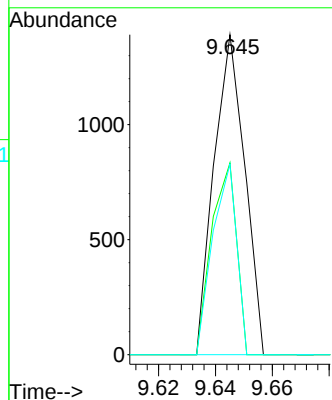
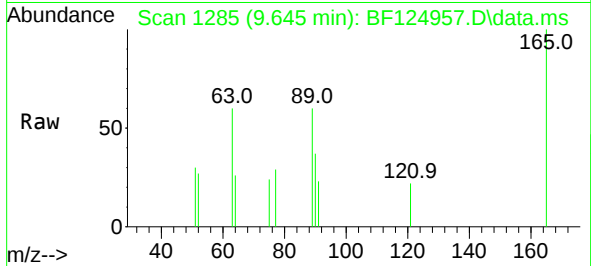




#51  
2,6-Dinitrotoluene  
Concen: 4.614 ng  
RT: 9.645 min Scan# 1285  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

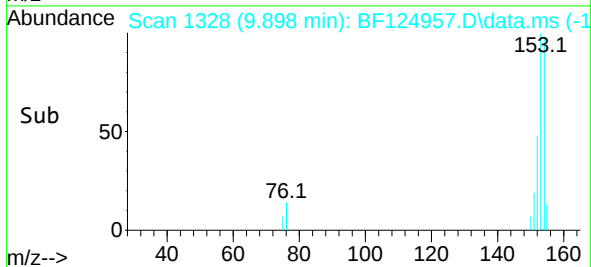
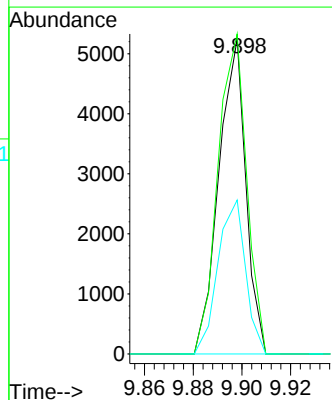
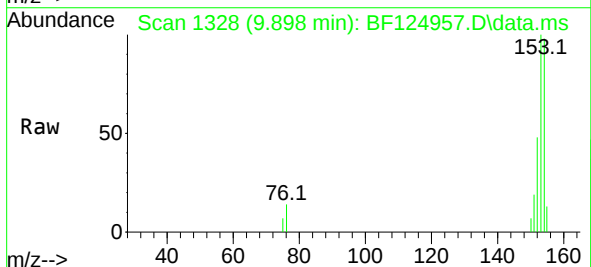
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

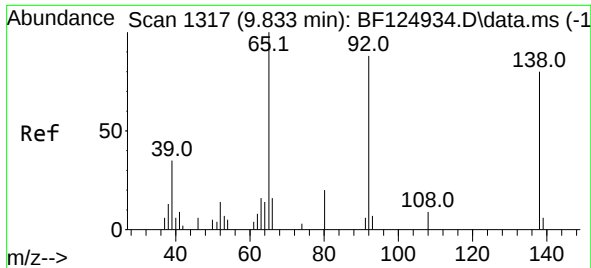
Tgt Ion:165 Resp: 1044  
Ion Ratio Lower Upper  
165 100  
63 60.0 42.6 63.8  
89 59.5 40.6 60.8



#52  
Acenaphthene  
Concen: 4.924 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:154 Resp: 4031  
Ion Ratio Lower Upper  
154 100  
153 101.6 89.4 134.2  
152 48.9 40.5 60.7

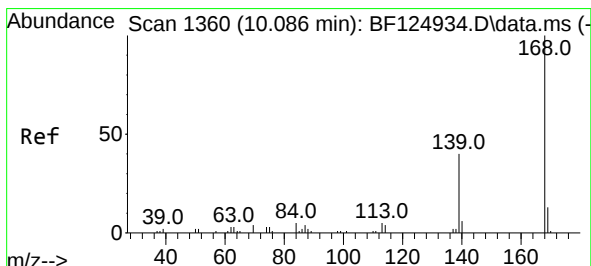
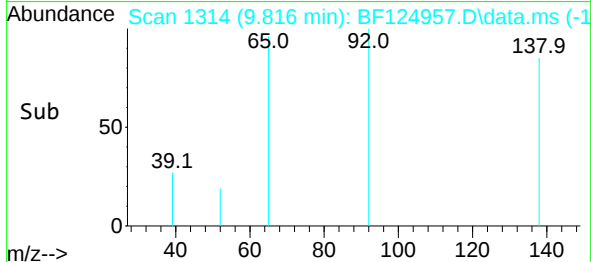
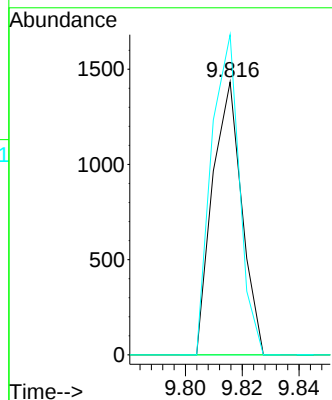
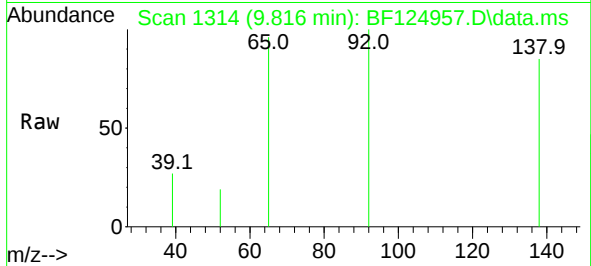




#53  
3-Nitroaniline  
Concen: 4.305 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

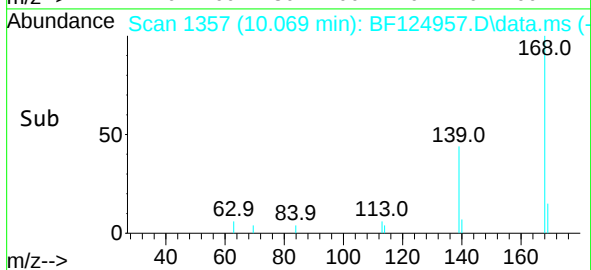
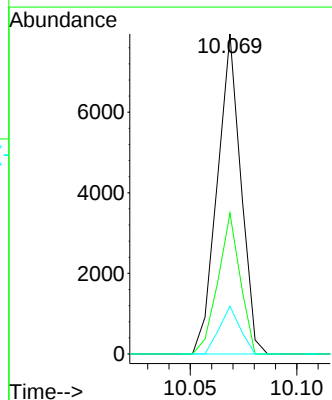
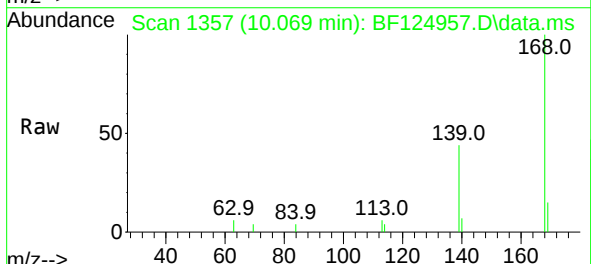
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

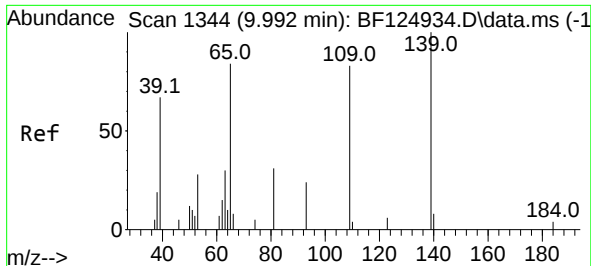
Tgt Ion:138 Resp: 1026  
Ion Ratio Lower Upper  
138 100  
108 0.0 9.3 13.9#  
92 117.3 76.5 114.7#



#55  
Dibenzofuran  
Concen: 4.766 ng  
RT: 10.069 min Scan# 1357  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:168 Resp: 6097  
Ion Ratio Lower Upper  
168 100  
139 44.0 32.7 49.1  
169 14.9 11.2 16.8

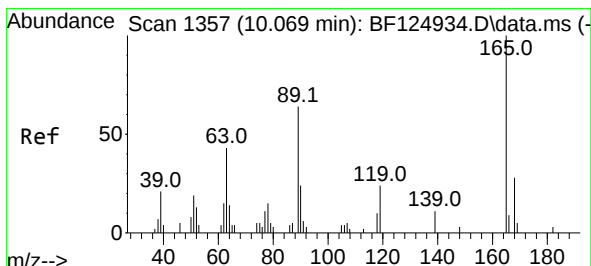
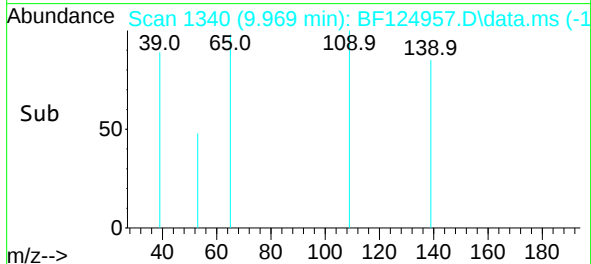
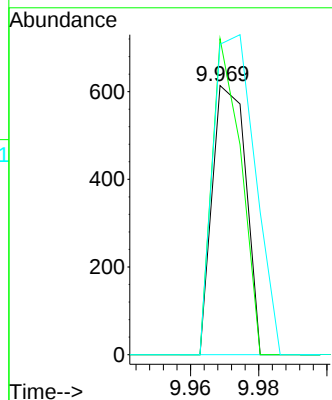
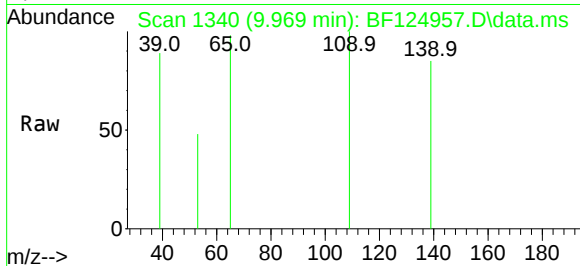




#56  
4-Nitrophenol  
Concen: 2.667 ng  
RT: 9.969 min Scan# 1340  
Delta R.T. -0.023 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

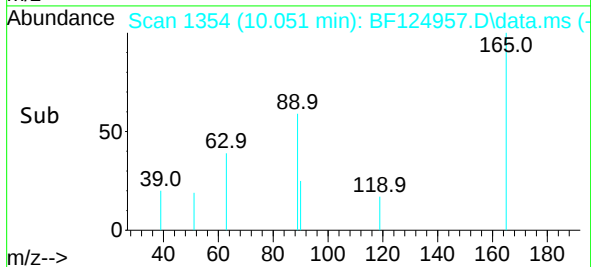
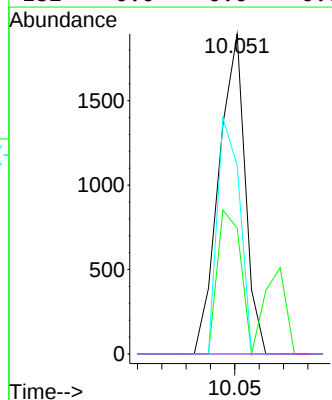
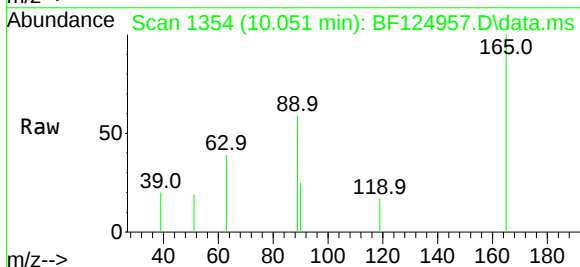
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

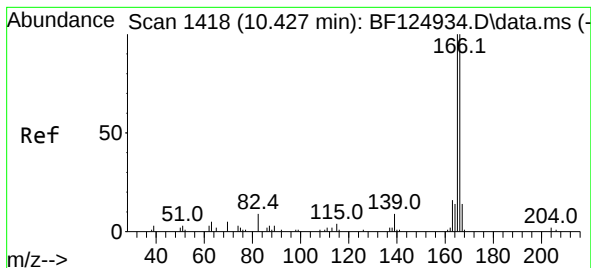
Tgt Ion:139 Resp: 419  
Ion Ratio Lower Upper  
139 100  
109 117.4 60.4 100.4#  
65 115.3 58.4 98.4#



#57  
2,4-Dinitrotoluene  
Concen: 4.623 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

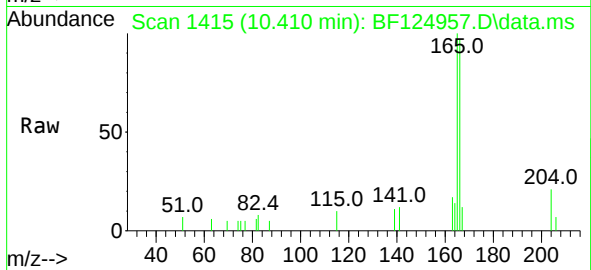
Tgt Ion:165 Resp: 1420  
Ion Ratio Lower Upper  
165 100  
63 39.4 40.9 61.3#  
89 58.9 59.7 89.5#  
182 0.0 0.0 0.0



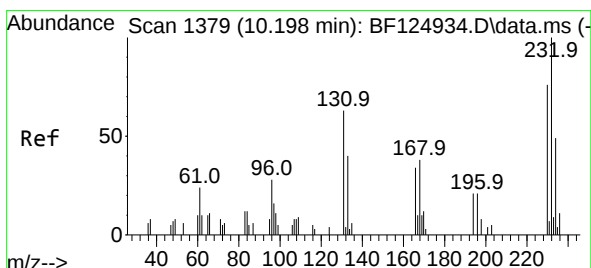
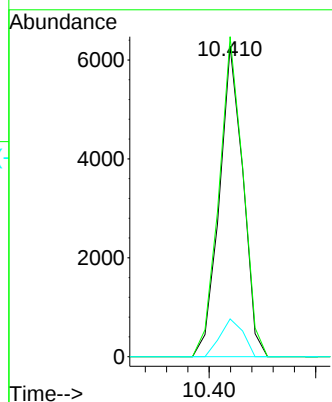
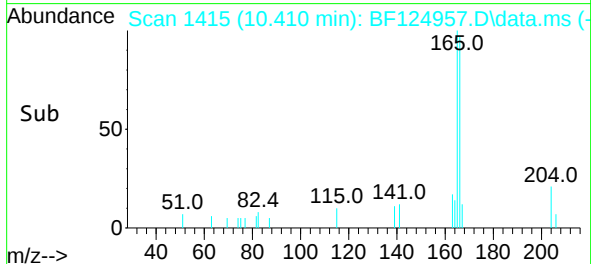


#58  
Fluorene  
Concen: 4.922 ng  
RT: 10.410 min Scan# 1415  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

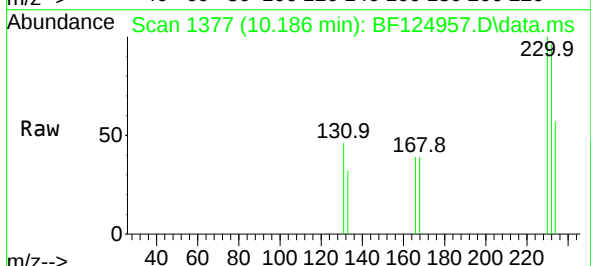
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021



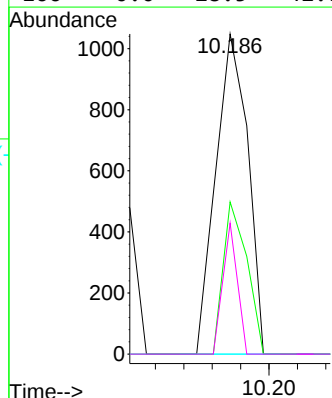
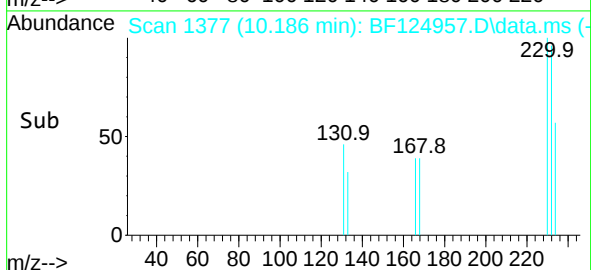
Tgt Ion:166 Resp: 4828  
Ion Ratio Lower Upper  
166 100  
165 103.1 78.1 117.1  
167 12.2 11.1 16.7

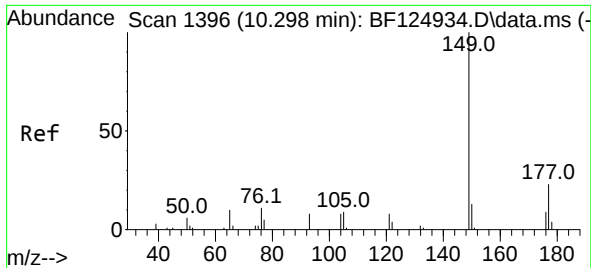


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.764 ng  
RT: 10.186 min Scan# 1377  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50



Tgt Ion:232 Resp: 819  
Ion Ratio Lower Upper  
232 100  
131 35.3 45.4 68.0#  
130 0.0 0.0 0.0  
166 0.0 28.5 42.7#

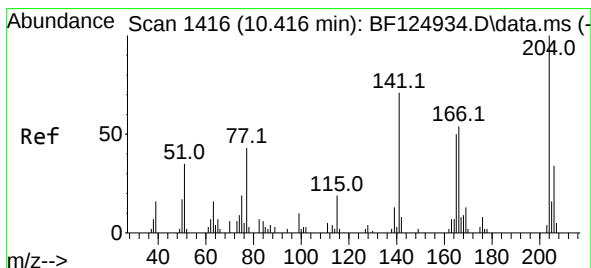
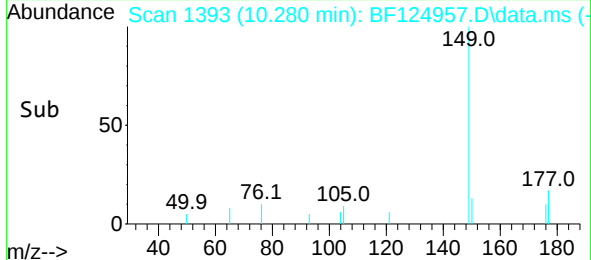
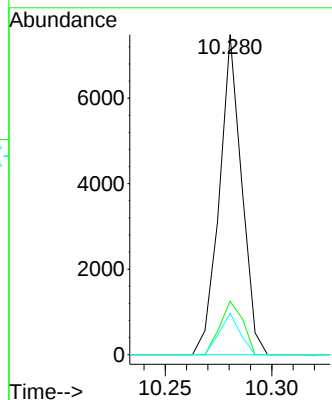
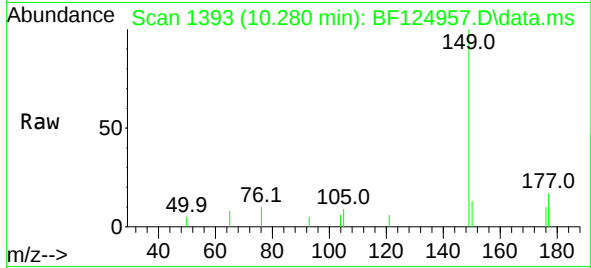




#60  
Diethylphthalate  
Concen: 5.226 ng  
RT: 10.280 min Scan# 1393  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

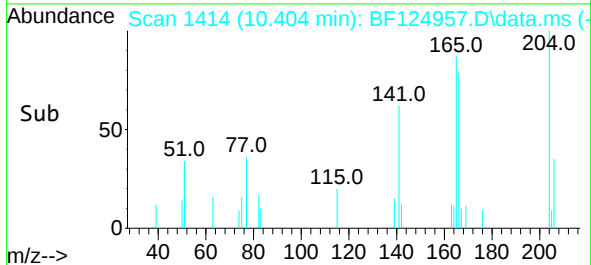
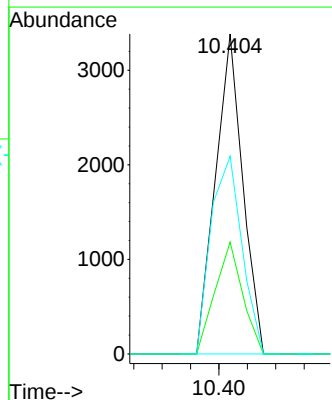
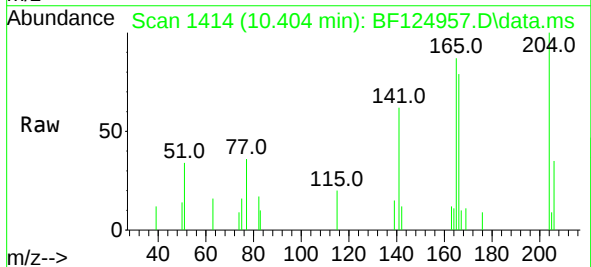
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

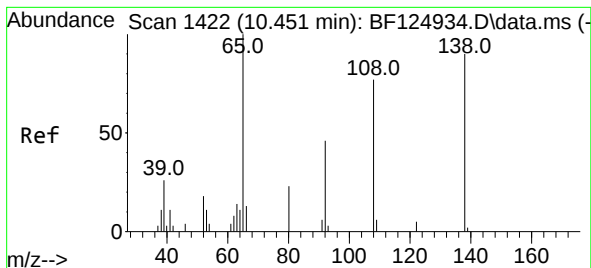
Tgt Ion:149 Resp: 5449  
Ion Ratio Lower Upper  
149 100  
177 16.7 16.5 24.7  
150 12.9 10.1 15.1



#61  
4-Chlorophenyl-phenylether  
Concen: 4.861 ng  
RT: 10.404 min Scan# 1414  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:204 Resp: 2252  
Ion Ratio Lower Upper  
204 100  
206 34.9 27.6 41.4  
141 61.8 58.6 88.0

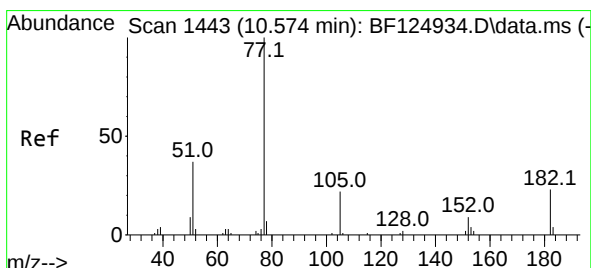
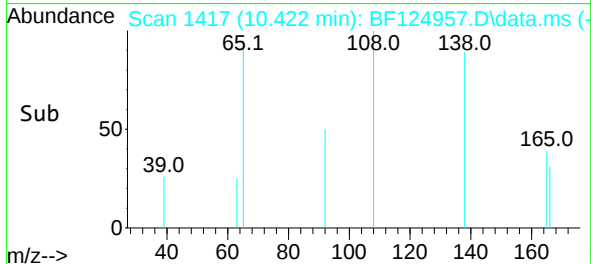
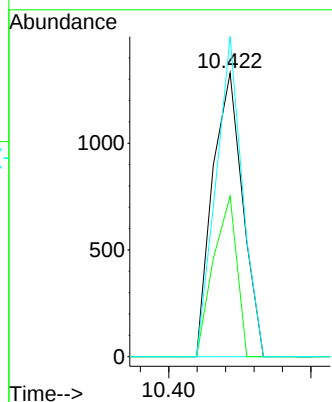
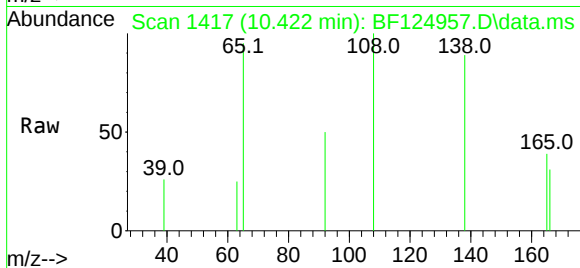




#62  
4-Nitroaniline  
Concen: 4.218 ng  
RT: 10.422 min Scan# 1417  
Delta R.T. -0.029 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

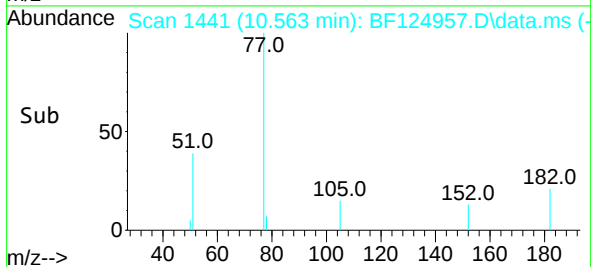
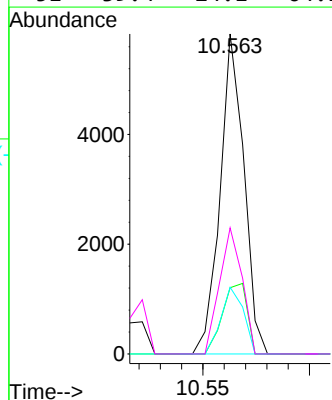
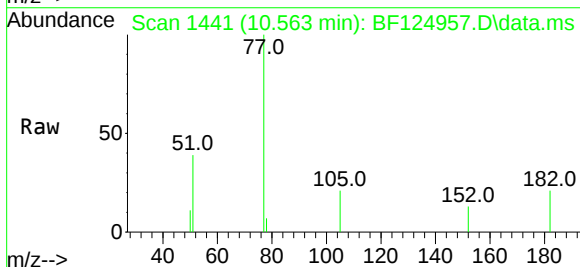
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

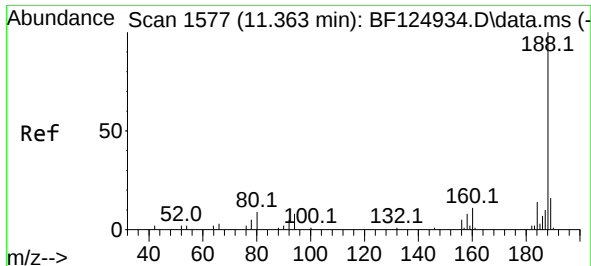
Tgt Ion:138 Resp: 976  
Ion Ratio Lower Upper  
138 100  
92 56.6 29.6 69.6  
108 112.8 78.1 118.1



#63  
Azobenzene  
Concen: 4.441 ng  
RT: 10.563 min Scan# 1441  
Delta R.T. -0.011 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion: 77 Resp: 4528  
Ion Ratio Lower Upper  
77 100  
182 20.7 6.3 46.3  
105 20.8 2.9 42.9  
51 39.4 24.1 64.1

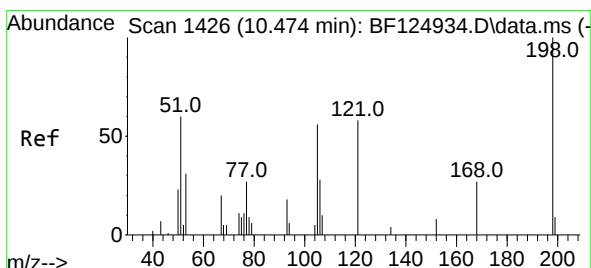
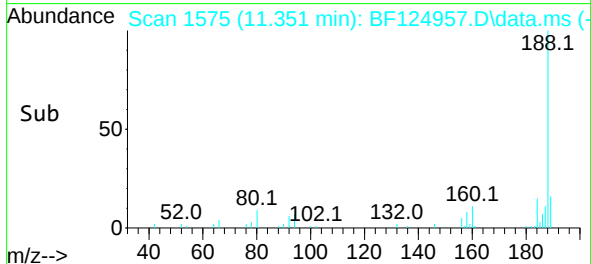
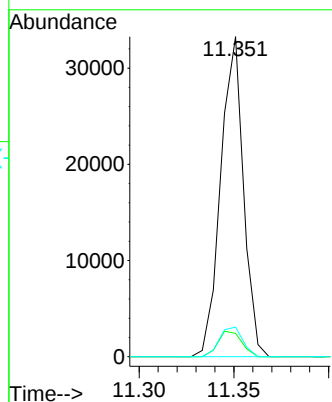
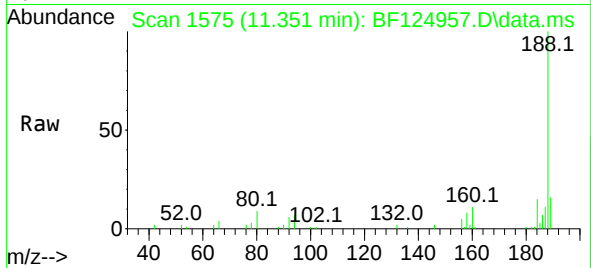




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 1575  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

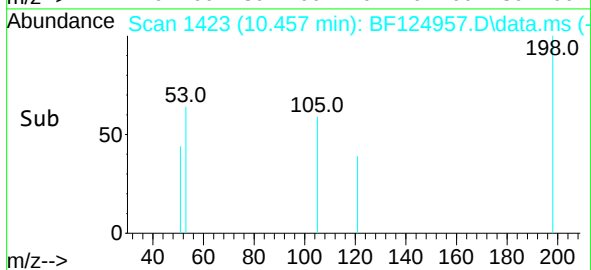
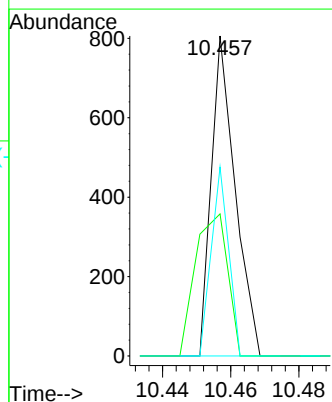
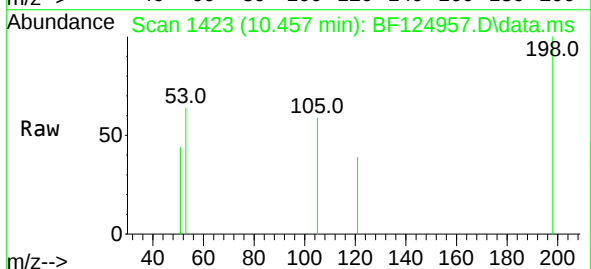
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

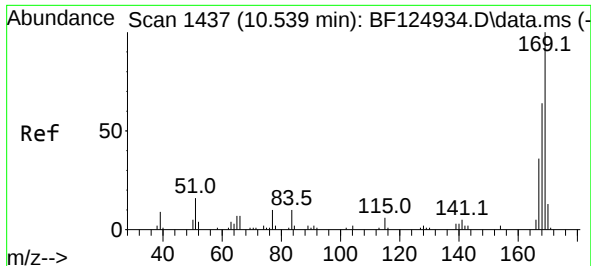
Tgt Ion:188 Resp: 27779  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.7 10.1  
80 9.3 7.5 11.3



#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.241 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. -0.017 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:198 Resp: 390  
Ion Ratio Lower Upper  
198 100  
51 44.4 45.3 85.3#  
105 59.1 30.6 70.6

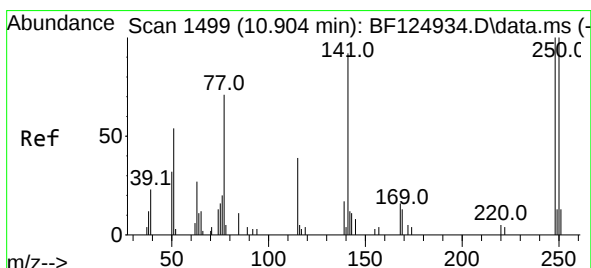
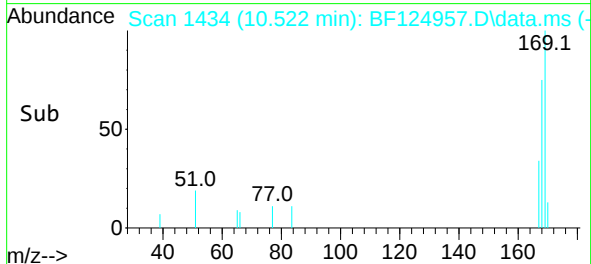
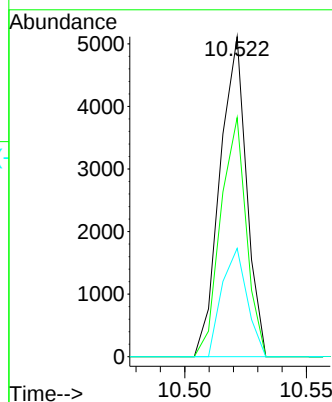
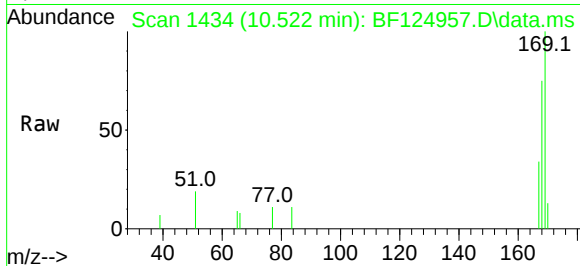




#66  
n-Nitrosodiphenylamine  
Concen: 4.308 ng  
RT: 10.522 min Scan# 1434  
Delta R.T. -0.017 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

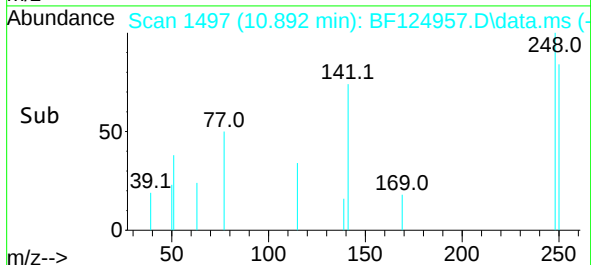
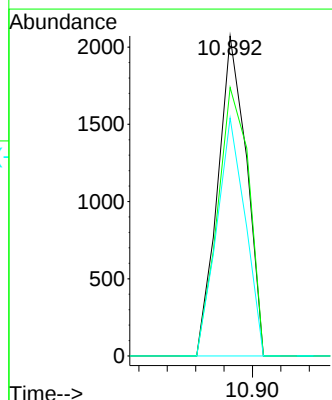
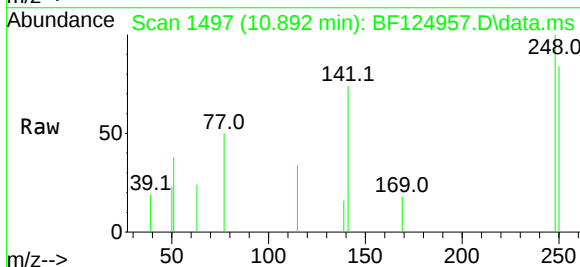
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

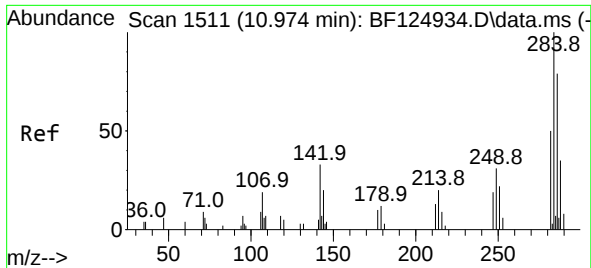
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:169 | Resp: | 3879        |
| Ion         | Ratio | Lower Upper |
| 169         | 100   |             |
| 168         | 74.7  | 50.8 76.2   |
| 167         | 33.8  | 28.8 43.2   |



#67  
4-Bromophenyl-phenylether  
Concen: 4.785 ng  
RT: 10.892 min Scan# 1497  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:248 | Resp: | 1456        |
| Ion         | Ratio | Lower Upper |
| 248         | 100   |             |
| 250         | 83.9  | 74.2 111.4  |
| 141         | 74.4  | 60.4 90.6   |

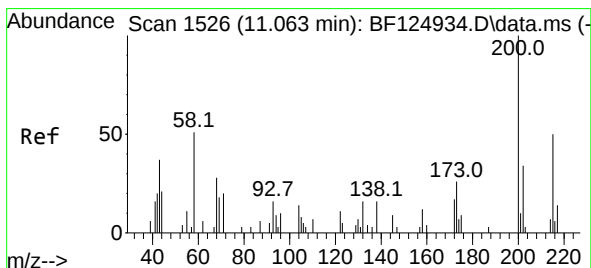
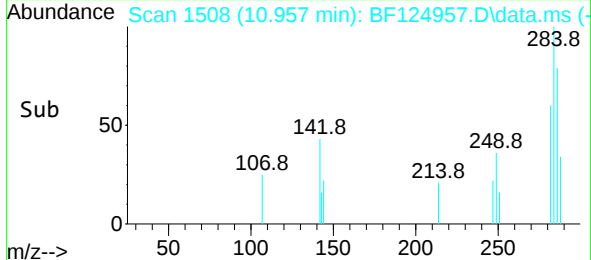
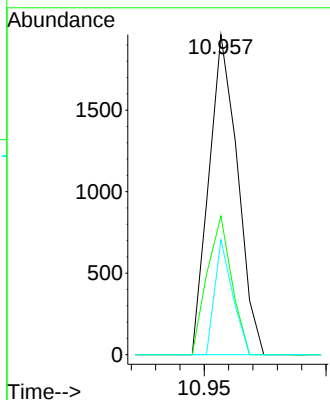
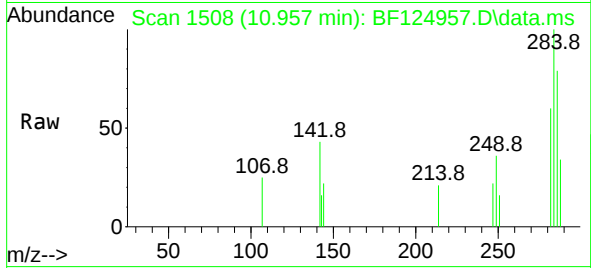




#68  
Hexachlorobenzene  
Concen: 4.843 ng  
RT: 10.957 min Scan# 1508  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

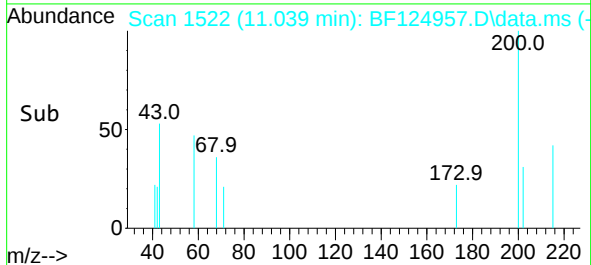
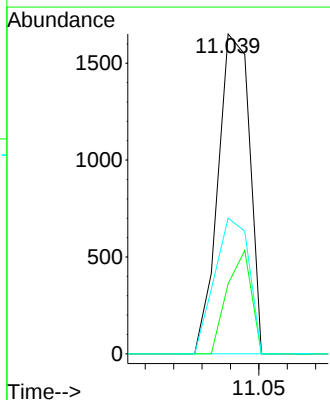
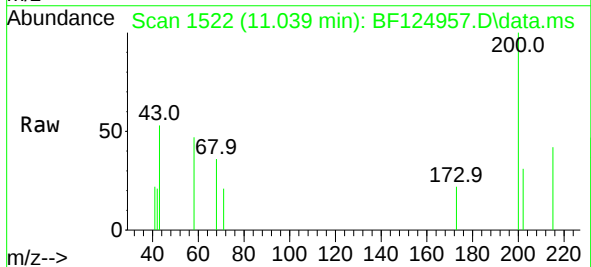
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

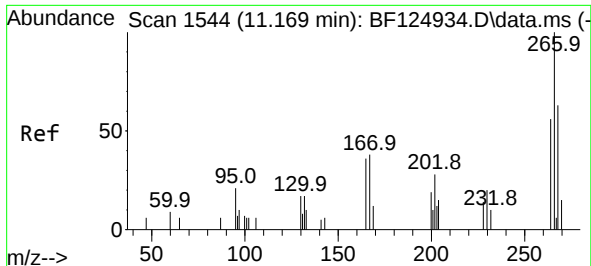
Tgt Ion:284 Resp: 1603  
Ion Ratio Lower Upper  
284 100  
142 43.3 36.4 54.6  
249 35.9 25.6 38.4



#69  
Atrazine  
Concen: 4.713 ng  
RT: 11.039 min Scan# 1522  
Delta R.T. -0.023 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:200 Resp: 1275  
Ion Ratio Lower Upper  
200 100  
173 21.9 11.1 51.1  
215 42.5 22.7 62.7

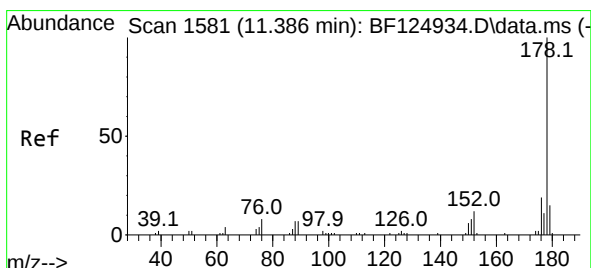
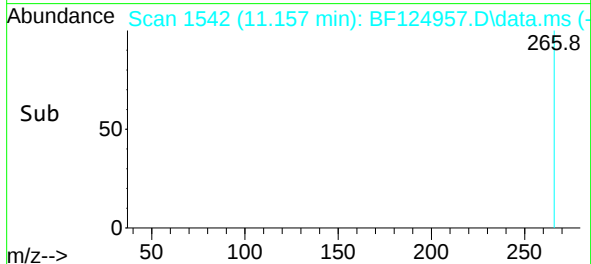
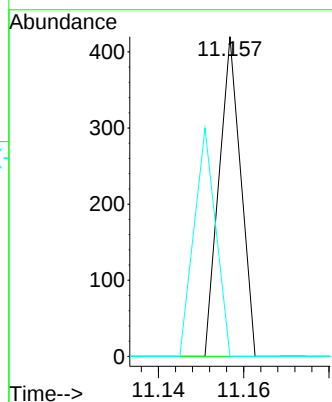
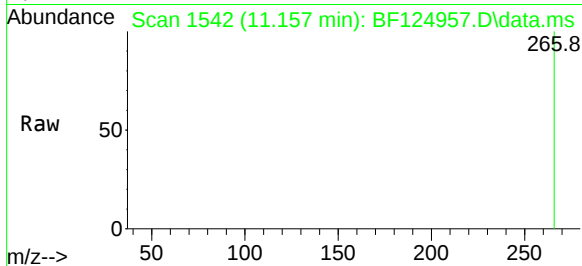




#70  
 Pentachlorophenol  
 Concen: 4.495 ng  
 RT: 11.157 min Scan# 1542  
 Delta R.T. -0.012 min  
 Lab File: BF124957.D  
 Acq: 6 Aug 2021 10:50

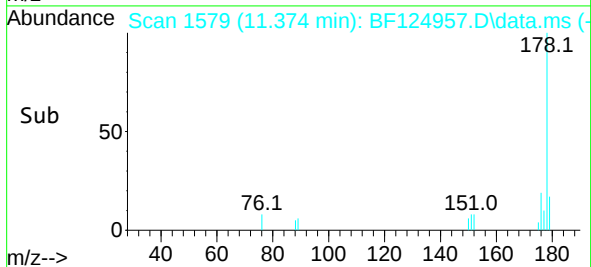
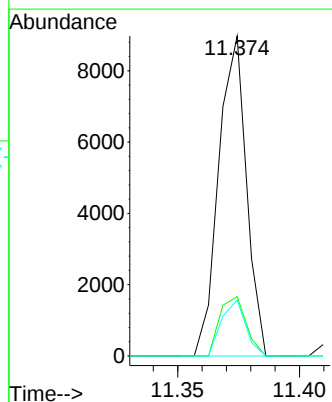
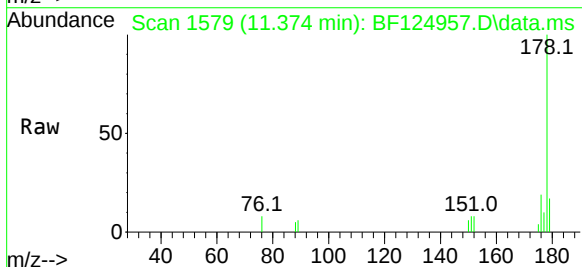
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2021

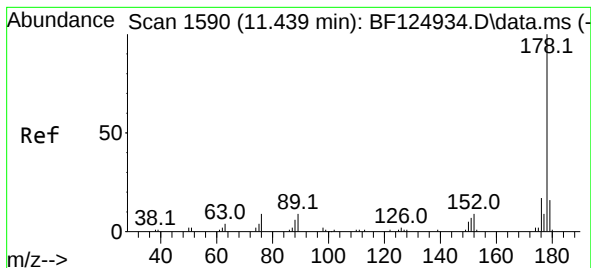
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:266 | Resp: | 148        |
| Ion Ratio   | Lower | Upper      |
| 266         | 100   |            |
| 268         | 0.0   | 48.9 73.3# |
| 264         | 0.0   | 55.9 83.9# |



#71  
 Phenanthrene  
 Concen: 4.712 ng  
 RT: 11.374 min Scan# 1579  
 Delta R.T. -0.012 min  
 Lab File: BF124957.D  
 Acq: 6 Aug 2021 10:50

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:178 | Resp: | 7101       |
| Ion Ratio   | Lower | Upper      |
| 178         | 100   |            |
| 176         | 18.5  | 14.7 22.1  |
| 179         | 17.5  | 11.5 17.3# |





#72

Anthracene

Concen: 4.697 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.065 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

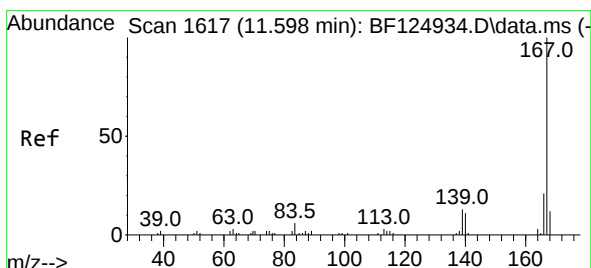
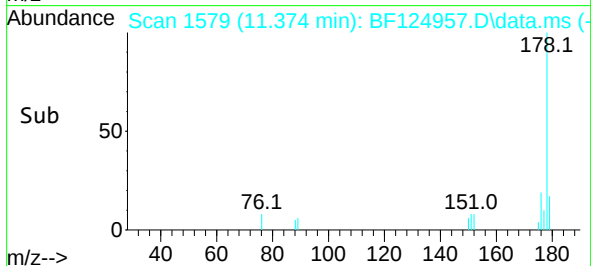
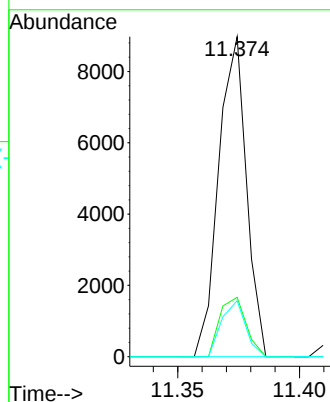
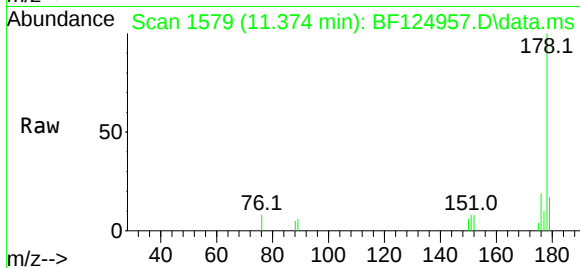
Tgt Ion:178 Resp: 7101

Ion Ratio Lower Upper

178 100

176 18.5 14.3 21.5

179 17.5 12.2 18.4



#73

Carbazole

Concen: 4.637 ng

RT: 11.580 min Scan# 1614

Delta R.T. -0.018 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

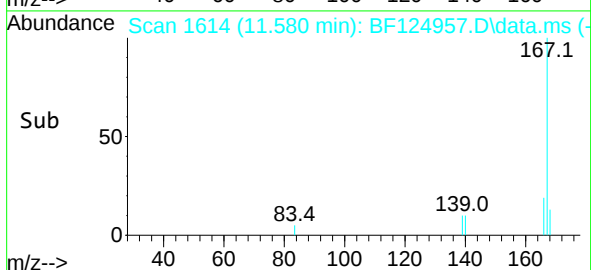
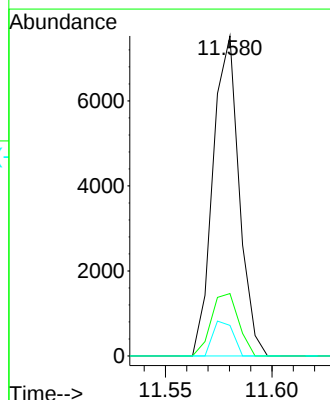
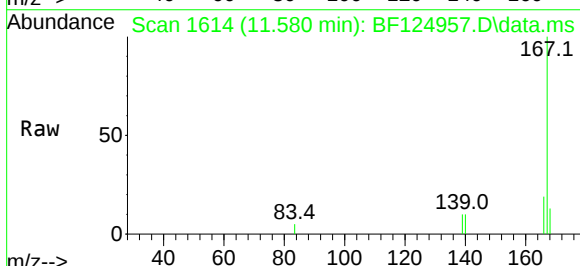
Tgt Ion:167 Resp: 6428

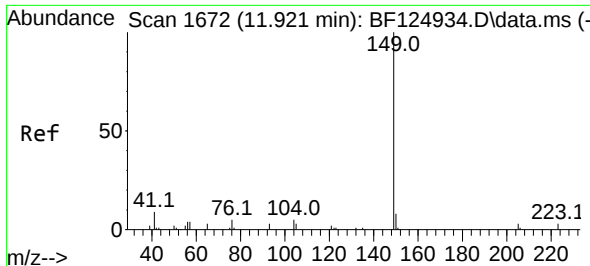
Ion Ratio Lower Upper

167 100

166 19.5 17.4 26.0

139 9.5 11.0 16.4#

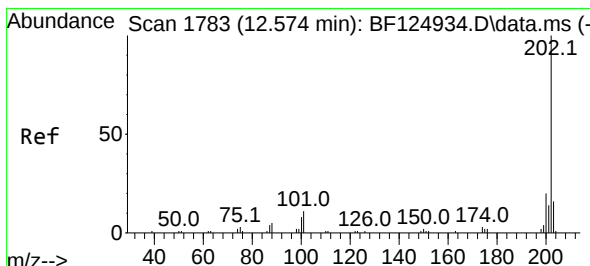
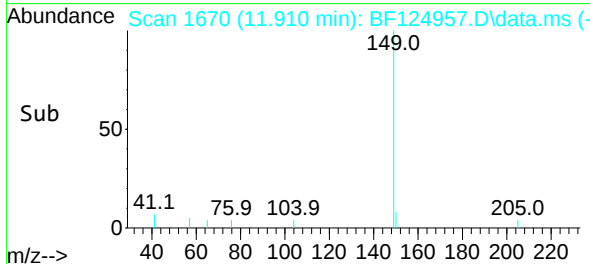
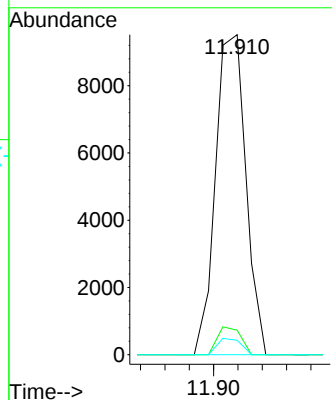
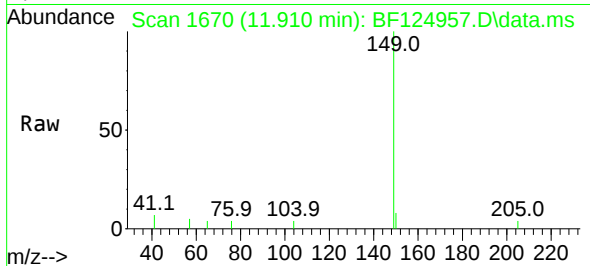




#74  
Di-n-butylphthalate  
Concen: 4.676 ng  
RT: 11.910 min Scan# 1670  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

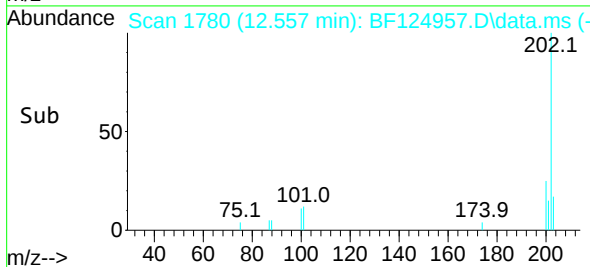
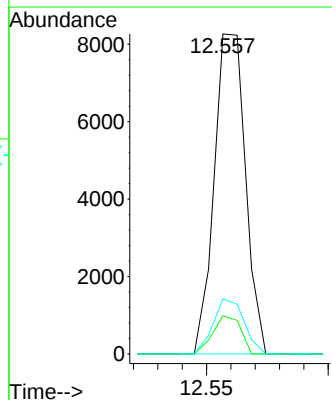
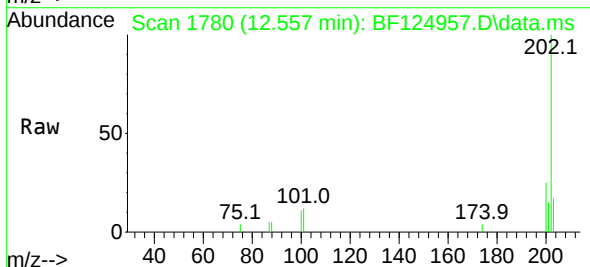
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

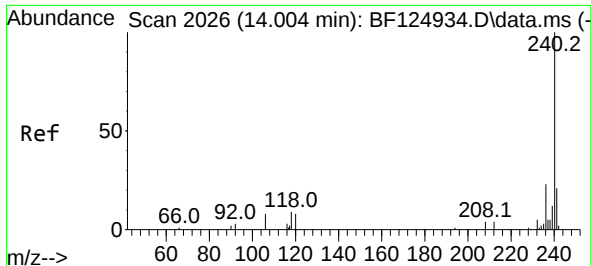
Tgt Ion:149 Resp: 8239  
Ion Ratio Lower Upper  
149 100  
150 7.6 7.4 11.2  
104 4.5 4.1 6.1



#75  
Fluoranthene  
Concen: 4.730 ng  
RT: 12.557 min Scan# 1780  
Delta R.T. -0.017 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:202 Resp: 7373  
Ion Ratio Lower Upper  
202 100  
101 12.0 0.0 30.7  
203 17.2 0.0 36.3

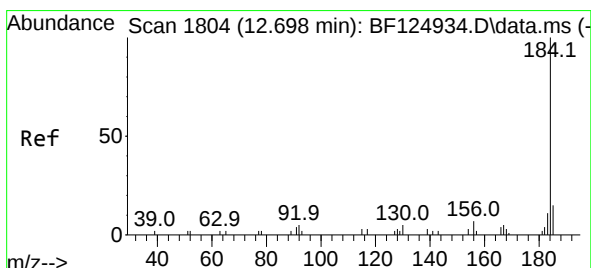
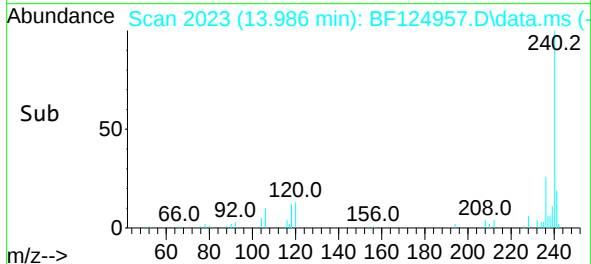
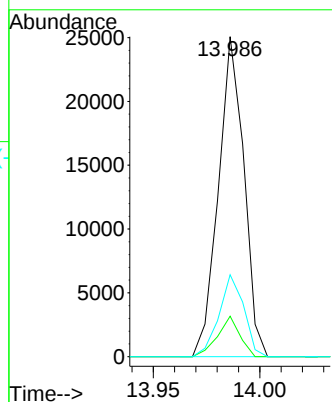
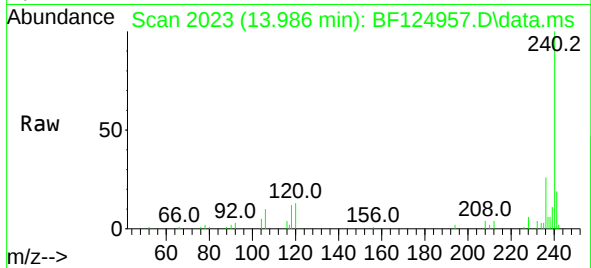




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

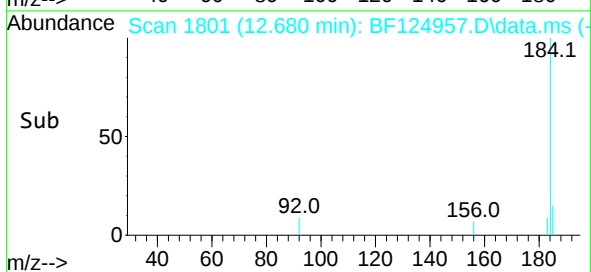
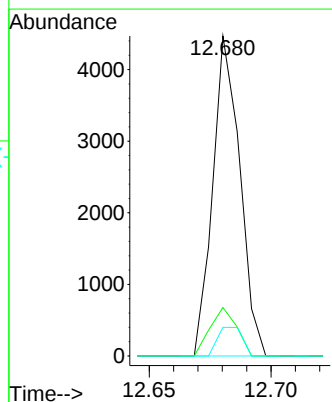
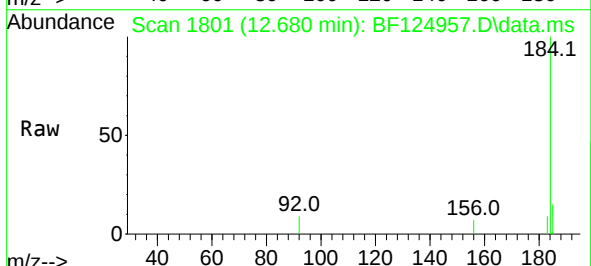
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

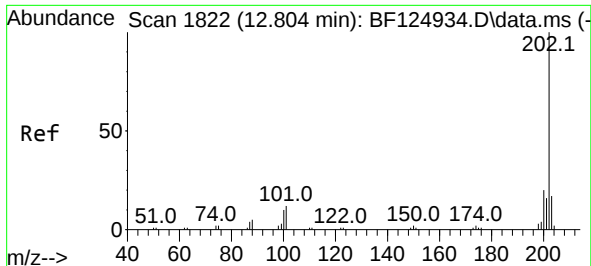
Tgt Ion:240 Resp: 20853  
Ion Ratio Lower Upper  
240 100  
120 12.6 10.8 16.2  
236 25.6 21.6 32.4



#77  
Benzidine  
Concen: 6.192 ng  
RT: 12.680 min Scan# 1801  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

Tgt Ion:184 Resp: 3455  
Ion Ratio Lower Upper  
184 100  
185 15.1 10.8 16.2  
183 8.9 8.1 12.1

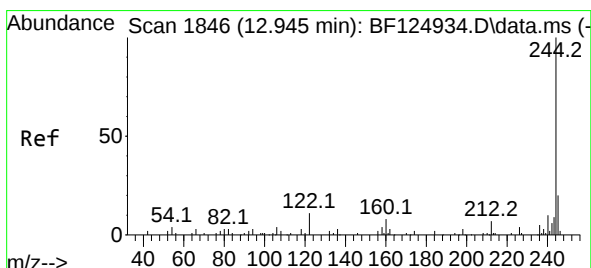
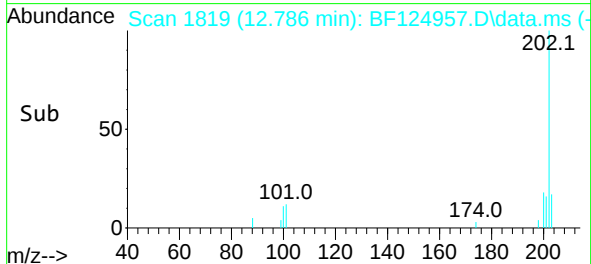
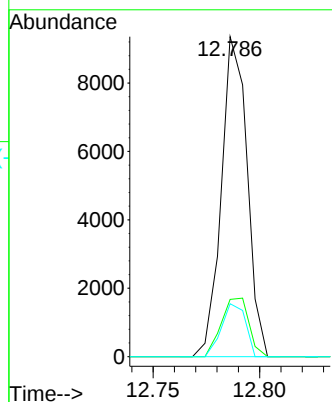
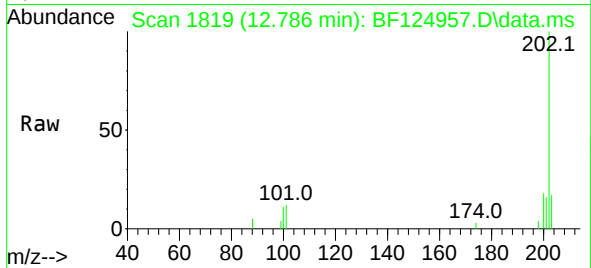




#78  
Pyrene  
Concen: 4.795 ng  
RT: 12.786 min Scan# 1819  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

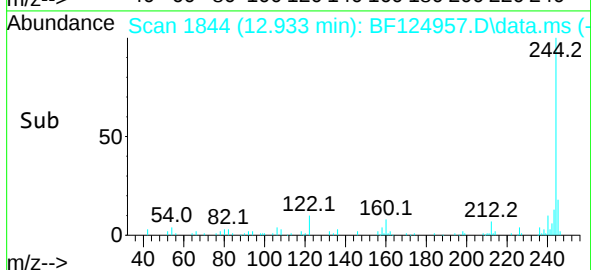
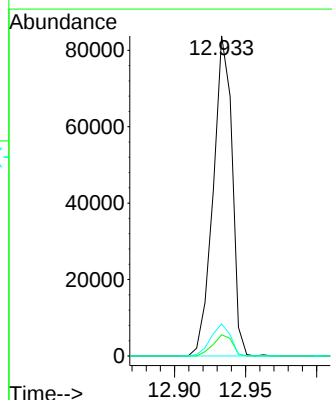
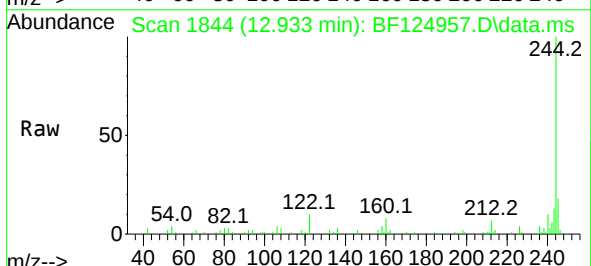
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

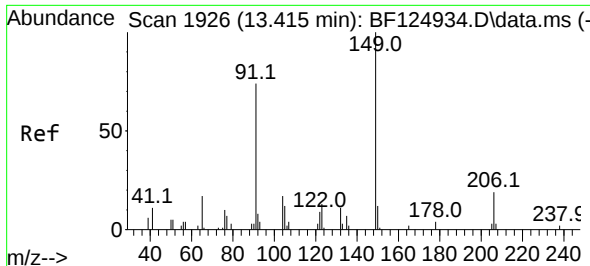
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 7876      |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 17.9  | 15.3 22.9 |
| 203         | 16.6  | 13.4 20.0 |



#79  
Terphenyl-d14  
Concen: 62.573 ng  
RT: 12.933 min Scan# 1844  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 77354    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 6.7   | 5.9 8.9  |
| 122         | 10.0  | 9.0 13.4 |

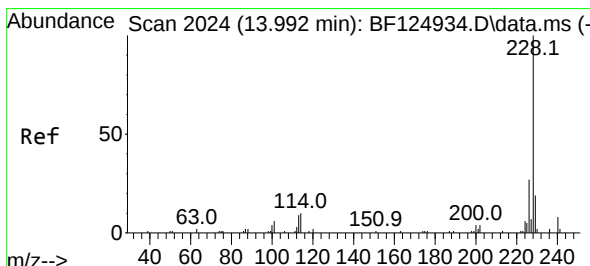
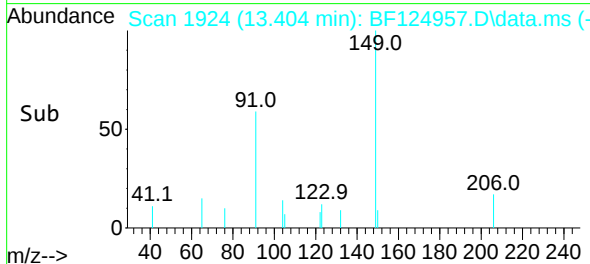
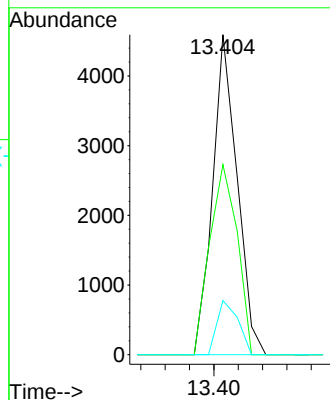
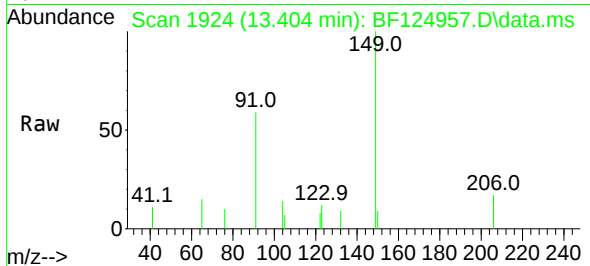




#80  
Butylbenzylphthalate  
Concen: 4.389 ng  
RT: 13.404 min Scan# 1924  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

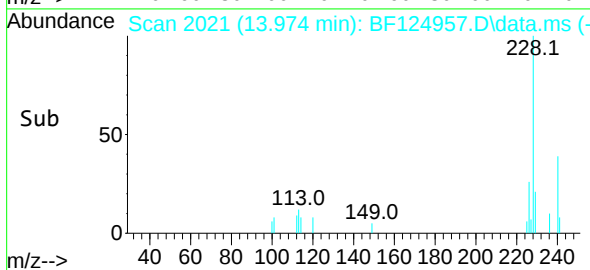
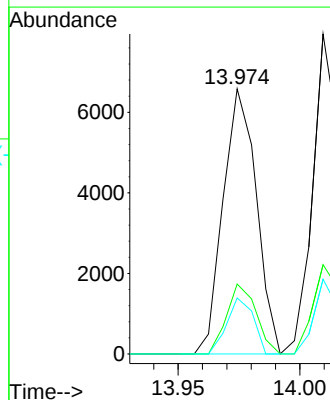
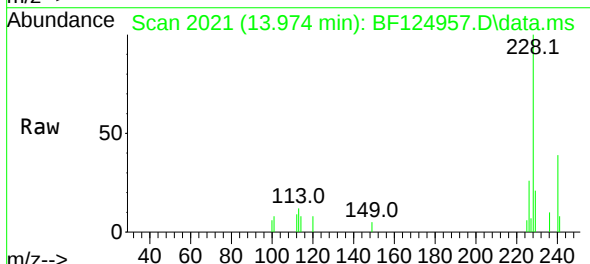
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

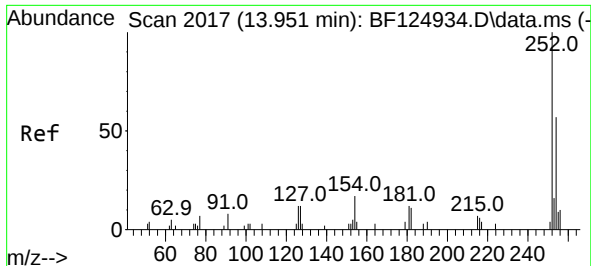
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 3208 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 91        | 59.4  | 51.8  | 77.8 |
| 206       | 16.9  | 14.5  | 21.7 |



#81  
Benzo(a)anthracene  
Concen: 4.602 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 6254 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 26.3  | 21.6  | 32.4 |
| 229       | 21.1  | 15.6  | 23.4 |

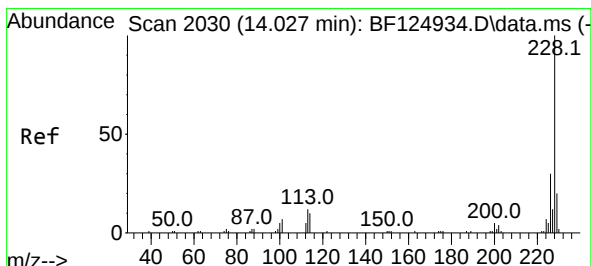
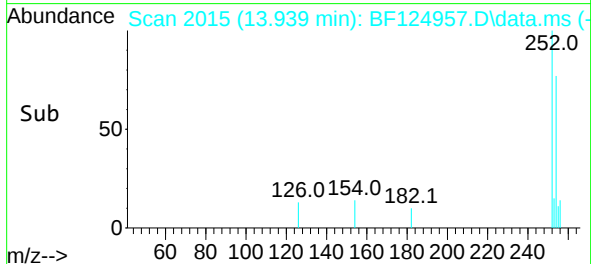
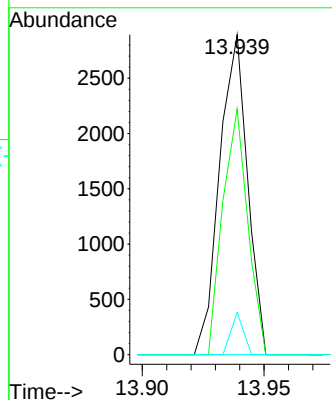
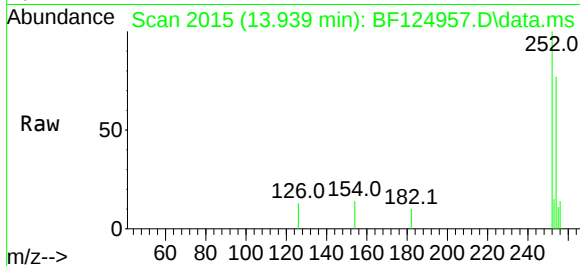




#82  
 3,3'-Dichlorobenzidine  
 Concen: 6.445 ng  
 RT: 13.939 min Scan# 2015  
 Delta R.T. -0.012 min  
 Lab File: BF124957.D  
 Acq: 6 Aug 2021 10:50

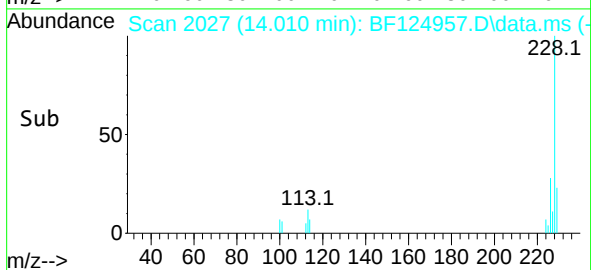
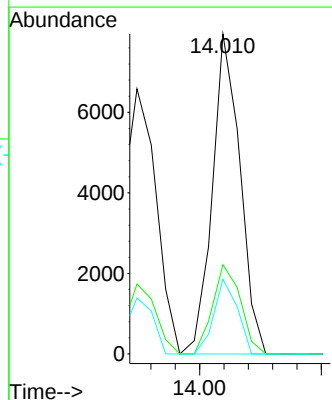
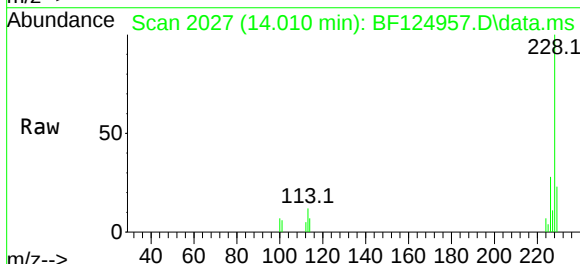
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2021

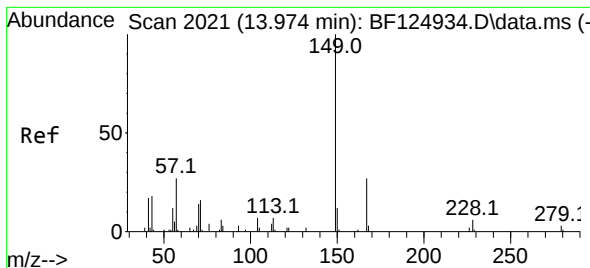
Tgt Ion:252 Resp: 2309  
 Ion Ratio Lower Upper  
 252 100  
 254 76.8 51.4 77.0  
 126 13.2 9.5 14.3



#83  
 Chrysene  
 Concen: 4.772 ng  
 RT: 14.010 min Scan# 2027  
 Delta R.T. -0.018 min  
 Lab File: BF124957.D  
 Acq: 6 Aug 2021 10:50

Tgt Ion:228 Resp: 6269  
 Ion Ratio Lower Upper  
 228 100  
 226 27.9 22.6 34.0  
 229 23.4 15.9 23.9

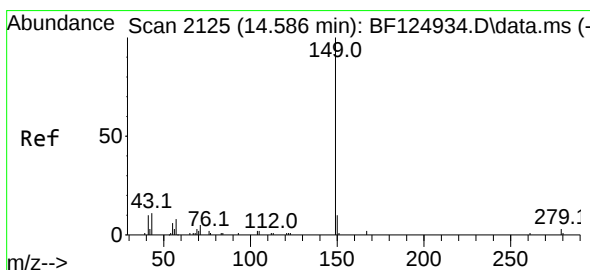
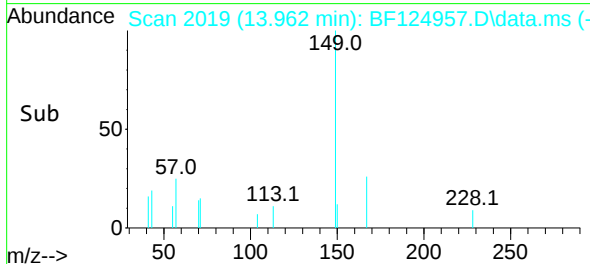
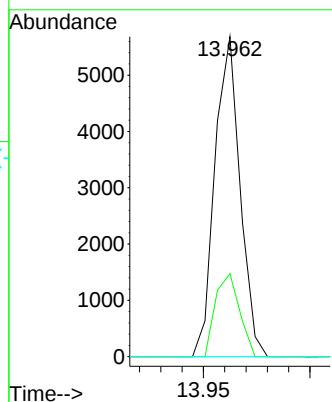
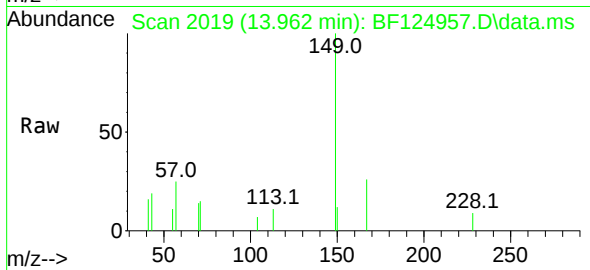




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 4.604 ng  
RT: 13.962 min Scan# 2019  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

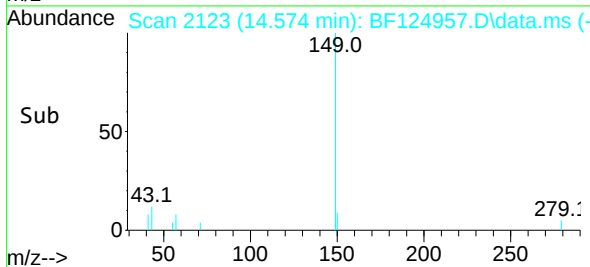
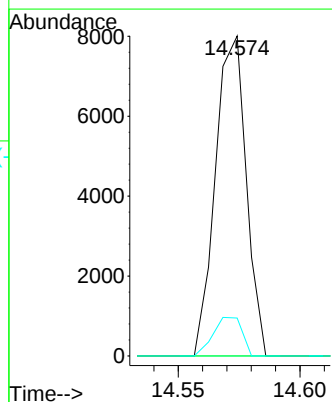
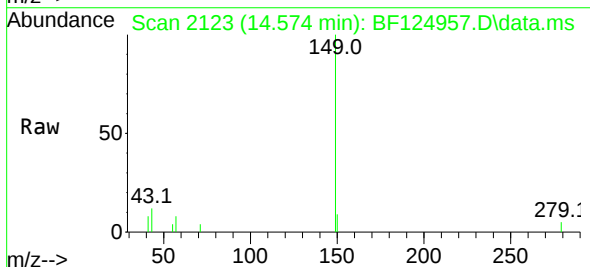
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

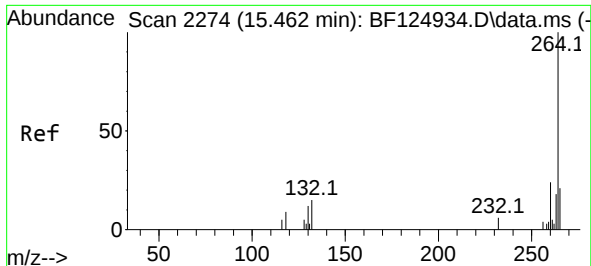
Tgt Ion:149 Resp: 4668  
Ion Ratio Lower Upper  
149 100  
167 26.0 21.4 32.0  
279 0.0 2.6 4.0#



#85  
Di-n-octyl phthalate  
Concen: 4.402 ng  
RT: 14.574 min Scan# 2123  
Delta R.T. -0.012 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

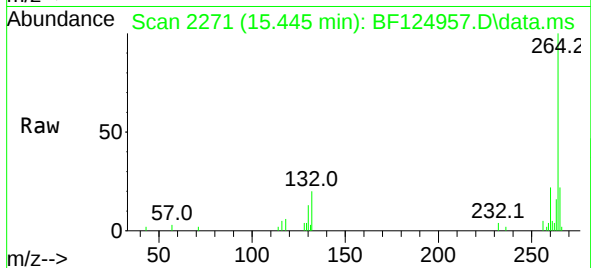
Tgt Ion:149 Resp: 7042  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.0 1.6#  
43 11.3 9.9 14.9



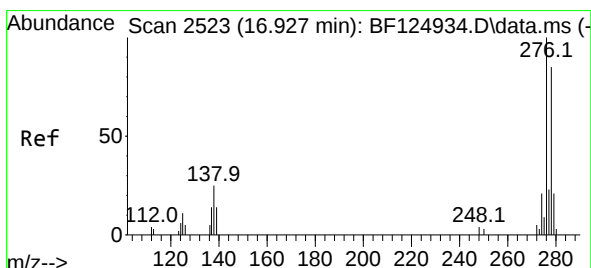
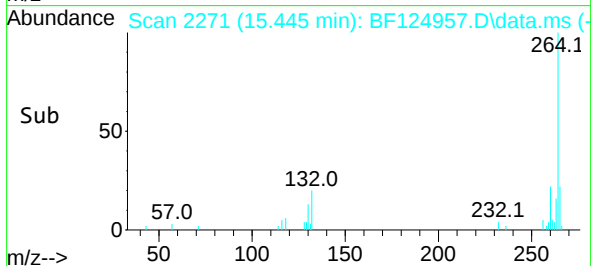
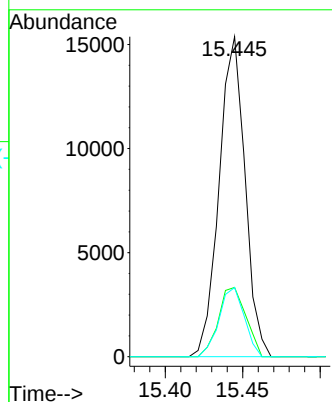


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.445 min Scan# 2271  
 Delta R.T. -0.018 min  
 Lab File: BF124957.D  
 Acq: 6 Aug 2021 10:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2021

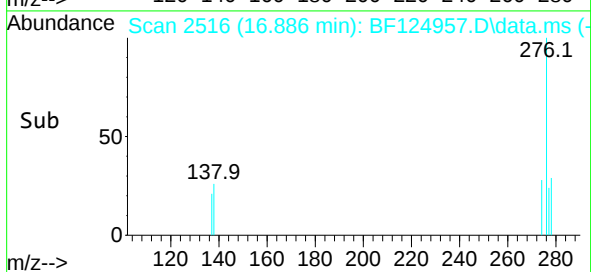
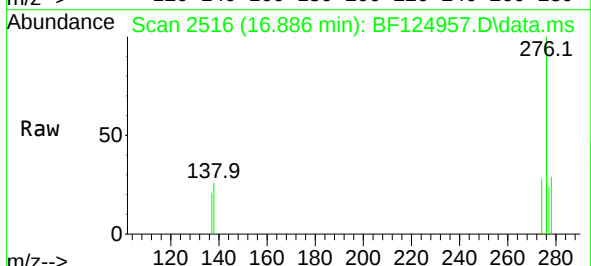
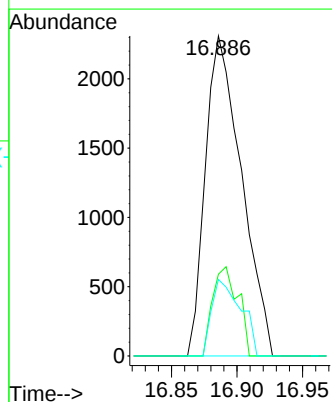


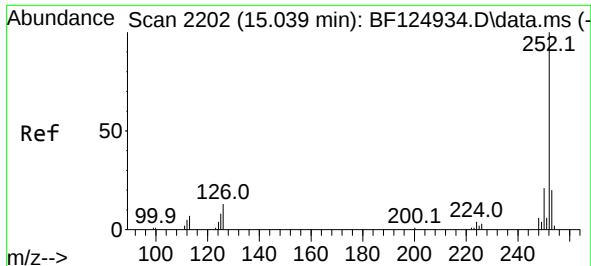
Tgt Ion:264 Resp: 17830  
 Ion Ratio Lower Upper  
 264 100  
 260 21.7 19.6 29.4  
 265 21.6 17.2 25.8



#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 4.167 ng  
 RT: 16.886 min Scan# 2516  
 Delta R.T. -0.041 min  
 Lab File: BF124957.D  
 Acq: 6 Aug 2021 10:50

Tgt Ion:276 Resp: 4424  
 Ion Ratio Lower Upper  
 276 100  
 138 19.6 24.1 36.1#  
 277 19.3 18.8 28.2





#88

Benzo(b)fluoranthene

Concen: 4.378 ng

RT: 15.015 min Scan# 2198

Delta R.T. -0.023 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

Tgt Ion:252 Resp: 5481

Ion Ratio Lower Upper

252 100

253 24.8 16.8 25.2

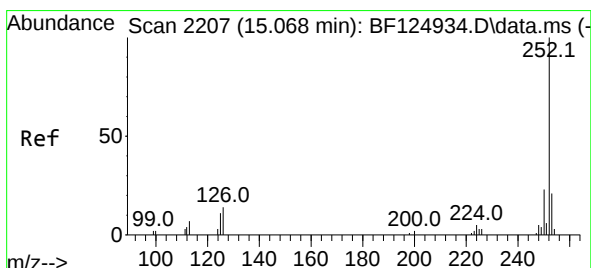
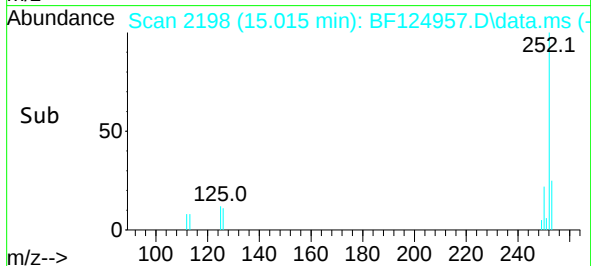
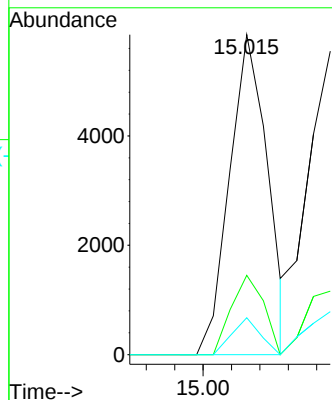
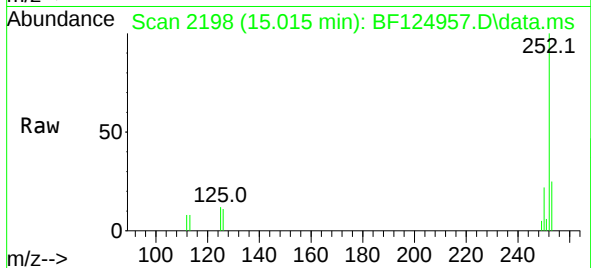
125 11.6 9.8 14.8

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT2-2021



#89

Benzo(k)fluoranthene

Concen: 4.784 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.023 min

Lab File: BF124957.D

Acq: 6 Aug 2021 10:50

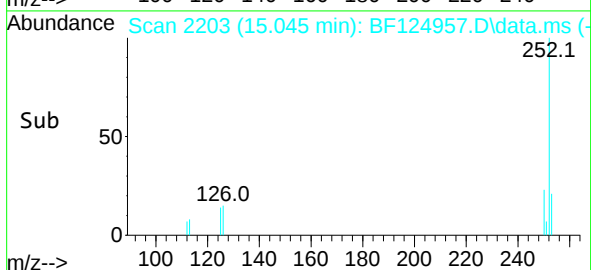
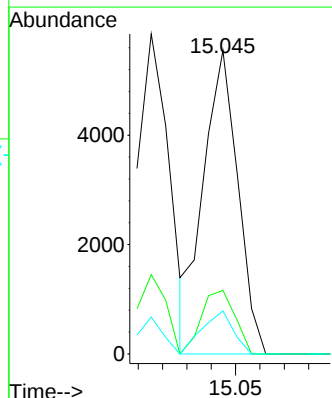
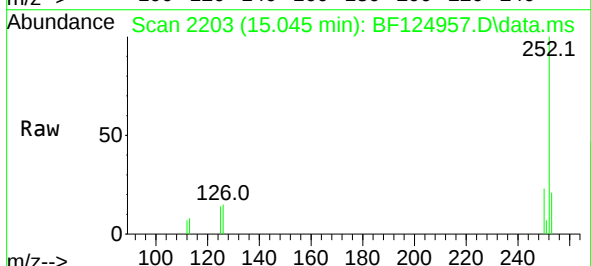
Tgt Ion:252 Resp: 5448

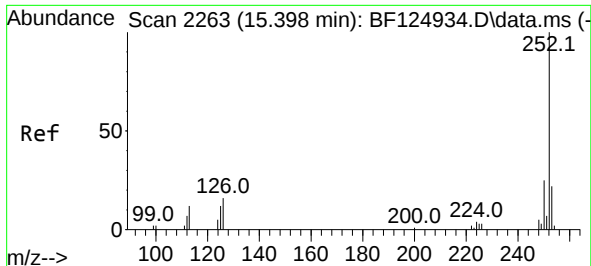
Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.8

125 14.2 7.2 10.8#

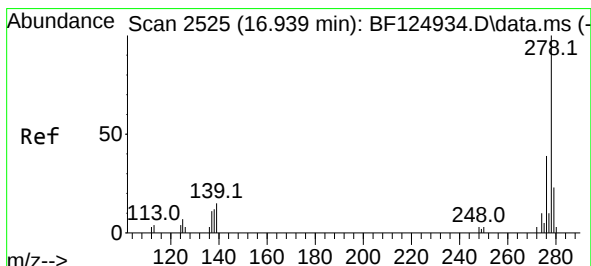
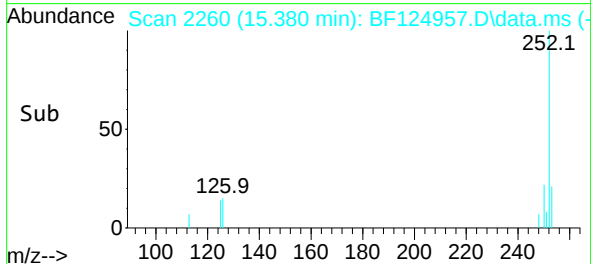
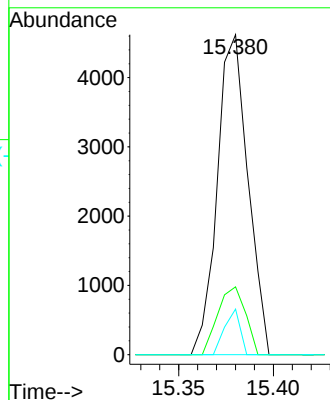
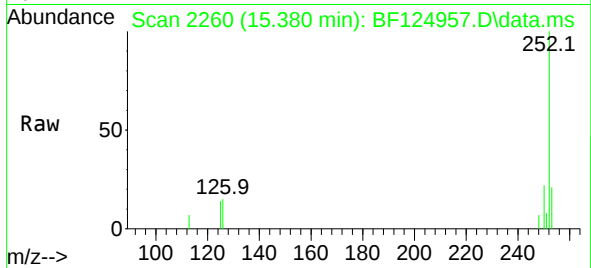




#90  
Benzo(a)pyrene  
Concen: 4.873 ng  
RT: 15.380 min Scan# 2260  
Delta R.T. -0.018 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

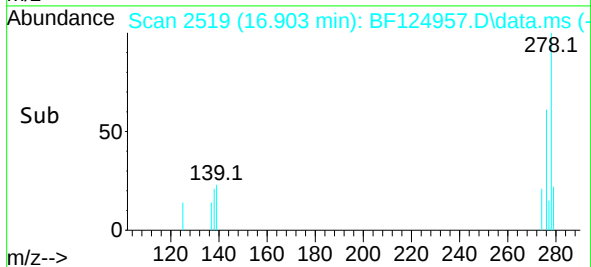
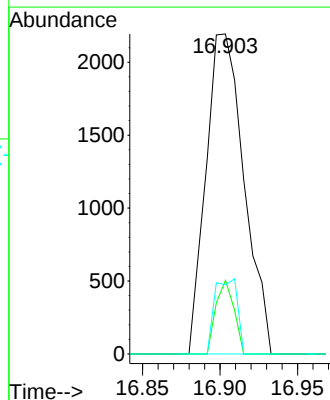
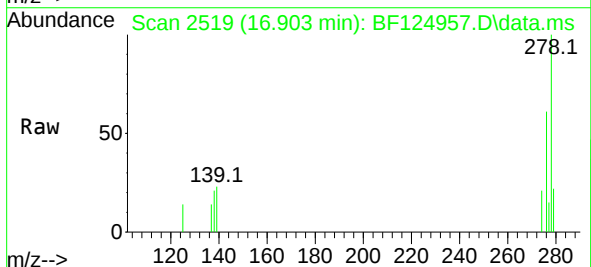
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT2-2021

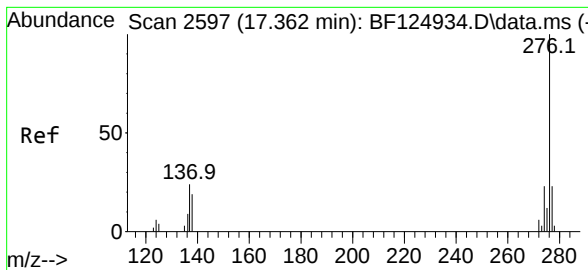
Tgt Ion:252 Resp: 5195  
Ion Ratio Lower Upper  
252 100  
253 21.2 18.4 27.6  
125 14.2 9.9 14.9



#91  
Dibenzo(a,h)anthracene  
Concen: 4.017 ng  
RT: 16.903 min Scan# 2519  
Delta R.T. -0.035 min  
Lab File: BF124957.D  
Acq: 6 Aug 2021 10:50

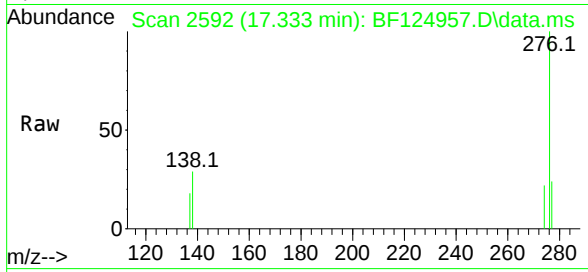
Tgt Ion:278 Resp: 3750  
Ion Ratio Lower Upper  
278 100  
139 23.0 14.9 22.3#  
279 21.6 19.7 29.5





#92  
 Benzo(g,h,i)perylene  
 Concen: 4.041 ng  
 RT: 17.333 min Scan# 2592  
 Delta R.T. -0.029 min  
 Lab File: BF124957.D  
 Acq: 6 Aug 2021 10:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2021



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 3619  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 23.6  | 22.0  | 33.0  |
| 138      | 29.1  | 22.2  | 33.4  |

