

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF043021\  
 Data File : BF123772.D  
 Acq On : 30 Apr 2021 15:58  
 Operator : JU/CG  
 Sample : M1458-08  
 Misc : LOQ-WATER-5PPM  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021

Quant Time: Apr 30 16:19:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 30 14:46:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.810  | 152  | 255520   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.092  | 136  | 918783   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.845  | 164  | 459683   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 885971   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 701747   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12              | 15.433 | 264  | 519263   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 1641842  | 101.80 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.445  | 99   | 2205696  | 99.28  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.369  | 82   | 1396430  | 68.61  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.639 | 330  | 596395   | 104.22 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.169  | 172  | 2113230  | 66.95  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.927 | 244  | 2382516  | 65.38  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.510  | 88   | 34328    | 3.95   | ng    | 96       |
| 3) Pyridine                   | 3.316  | 79   | 66401    | 3.13   | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.181  | 42   | 43668    | 3.73   | ng    | # 95     |
| 6) Aniline                    | 6.469  | 93   | 121422   | 4.73   | ng    | 99       |
| 8) 2-Chlorophenol             | 6.592  | 128  | 75206    | 4.33   | ng    | 97       |
| 9) Benzaldehyde               | 6.357  | 77   | 71392    | 6.64   | ng    | 96       |
| 10) Phenol                    | 6.457  | 94   | 101005   | 4.23   | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.545  | 93   | 77293    | 4.44   | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.745  | 146  | 78212    | 4.46   | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.822  | 146  | 79054    | 4.46   | ng    | 92       |
| 14) 1,2-Dichlorobenzene       | 6.981  | 146  | 73738    | 4.28   | ng    | 98       |
| 15) Benzyl Alcohol            | 6.945  | 79   | 89747    | 5.15   | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.087  | 45   | 167976   | 4.53   | ng    | 99       |
| 17) 2-Methylphenol            | 7.057  | 107  | 61777    | 4.18   | ng    | 96       |
| 18) Hexachloroethane          | 7.322  | 117  | 31185    | 4.44   | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 7.216  | 70   | 58220    | 4.24   | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.216  | 107  | 79866    | 4.25   | ng    | # 84     |
| 22) Acetophenone              | 7.210  | 105  | 119833   | 4.80   | ng    | # 97     |
| 24) Nitrobenzene              | 7.387  | 77   | 94188    | 4.44   | ng    | 98       |
| 25) Isophorone                | 7.622  | 82   | 149782   | 3.92   | ng    | 98       |
| 26) 2-Nitrophenol             | 7.704  | 139  | 34408    | 3.98   | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.745  | 122  | 65694    | 4.83   | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.839  | 93   | 90569    | 4.66   | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.951  | 162  | 55175    | 4.12   | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 8.034  | 180  | 61452    | 4.38   | ng    | 96       |
| 31) Naphthalene               | 8.116  | 128  | 216321   | 4.57   | ng    | 99       |
| 32) Benzoic acid              | 7.834  | 122  | 3038     | 0.36   | ng    | 92       |
| 33) 4-Chloroaniline           | 8.163  | 127  | 89485    | 4.53   | ng    | 94       |
| 34) Hexachlorobutadiene       | 8.234  | 225  | 37422    | 4.37   | ng    | 97       |
| 35) Caprolactam               | 8.481  | 113  | 16937    | 3.60   | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.639  | 107  | 67269    | 4.03   | ng    | 95       |
| 37) 2-Methylnaphthalene       | 8.804  | 142  | 141475   | 4.59   | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.904  | 142  | 127779   | 4.41   | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 8.969  | 216  | 62755    | 4.64   | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 8.963  | 237  | 15208    | 2.83   | ng    | 90       |
| 43) 2,4,6-Trichlorophenol     | 9.081  | 196  | 34527    | 3.71   | ng    | 98       |

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 Sample : M1458-08  
 Misc : LOQ-WATER-5PPM  
 ALS Vial : 9 Sample Multiplier: 1

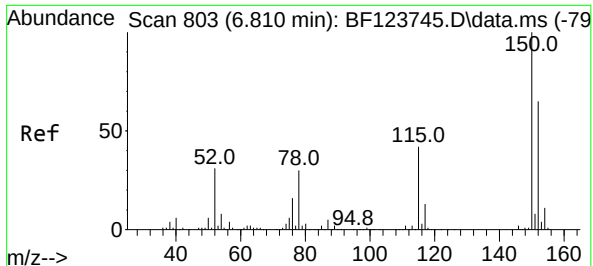
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021

Quant Time: Apr 30 16:19:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 30 14:46:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.122  | 196  | 35233    | 3.52 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 9.269  | 154  | 179062   | 4.75 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.292  | 162  | 125607   | 4.42 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.386  | 65   | 49365    | 3.95 | ng    | 95       |
| 49) Acenaphthylene            | 9.704  | 152  | 203341   | 4.44 | ng    | 98       |
| 50) Dimethylphthalate         | 9.563  | 163  | 140117   | 4.33 | ng    | # 98     |
| 51) 2,6-Dinitrotoluene        | 9.622  | 165  | 29209    | 3.90 | ng    | 92       |
| 52) Acenaphthene              | 9.880  | 154  | 124337   | 4.45 | ng    | 97       |
| 53) 3-Nitroaniline            | 9.792  | 138  | 34954    | 3.91 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.904  | 184  | 4515     | 1.14 | ng    | # 78     |
| 55) Dibenzofuran              | 10.051 | 168  | 187574   | 4.44 | ng    | 92       |
| 56) 4-Nitrophenol             | 9.957  | 139  | 21645    | 3.32 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 10.028 | 165  | 39012    | 3.82 | ng    | # 90     |
| 58) Fluorene                  | 10.392 | 166  | 145825   | 4.49 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.169 | 232  | 28375    | 3.58 | ng    | 99       |
| 60) Diethylphthalate          | 10.263 | 149  | 153925   | 4.47 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.386 | 204  | 68634    | 4.54 | ng    | 96       |
| 62) 4-Nitroaniline            | 10.398 | 138  | 33699    | 3.80 | ng    | 97       |
| 63) Azobenzene                | 10.545 | 77   | 164937   | 4.16 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.439 | 198  | 13286    | 2.42 | ng    | 83       |
| 66) n-Nitrosodiphenylamine    | 10.504 | 169  | 126682   | 4.37 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 10.875 | 248  | 41661    | 4.47 | ng    | 98       |
| 68) Hexachlorobenzene         | 10.945 | 284  | 45262    | 4.26 | ng    | 93       |
| 69) Atrazine                  | 11.027 | 200  | 38015    | 4.34 | ng    | 99       |
| 70) Pentachlorophenol         | 11.139 | 266  | 12076    | 2.23 | ng    | 93       |
| 71) Phenanthrene              | 11.357 | 178  | 210853   | 4.54 | ng    | 99       |
| 72) Anthracene                | 11.410 | 178  | 210281   | 4.55 | ng    | 98       |
| 73) Carbazole                 | 11.563 | 167  | 197761   | 4.23 | ng    | 97       |
| 74) Di-n-butylphthalate       | 11.898 | 149  | 226254   | 4.32 | ng    | 98       |
| 75) Fluoranthene              | 12.545 | 202  | 215677   | 4.26 | ng    | 99       |
| 77) Benzidine                 | 12.669 | 184  | 117446   | 6.46 | ng    | 99       |
| 78) Pyrene                    | 12.774 | 202  | 223667   | 4.11 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.398 | 149  | 82871    | 3.56 | ng    | 93       |
| 81) Benzo(a)anthracene        | 13.963 | 228  | 180403   | 4.24 | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 13.927 | 252  | 56962    | 4.36 | ng    | 97       |
| 83) Chrysene                  | 13.998 | 228  | 183584   | 4.29 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 13.963 | 149  | 106942   | 3.70 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.574 | 149  | 149392   | 3.23 | ng    | # 99     |
| 87) Indeno(1,2,3-cd)pyrene    | 16.868 | 276  | 118896   | 3.93 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 15.033 | 252  | 135008   | 3.86 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.033 | 252  | 135008   | 4.04 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.368 | 252  | 123116   | 4.11 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 16.886 | 278  | 98459    | 3.86 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.304 | 276  | 99626    | 3.90 | ng    | 97       |

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

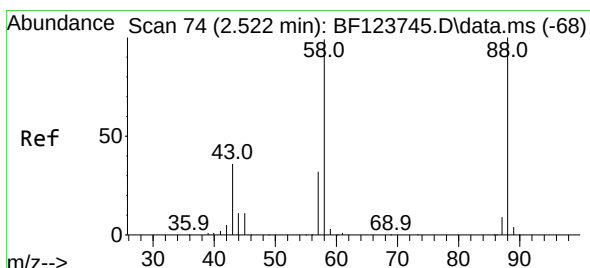
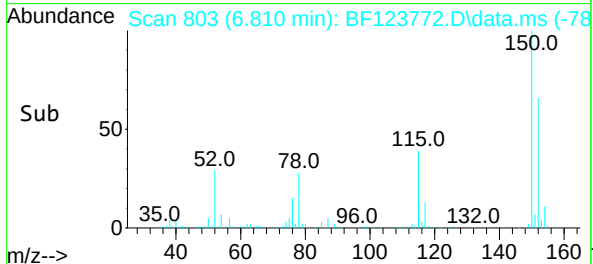
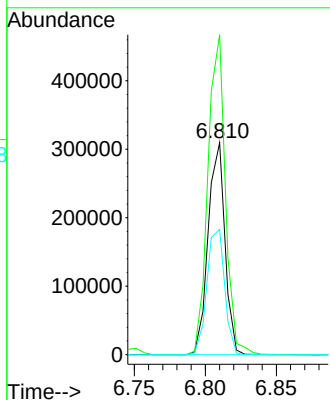
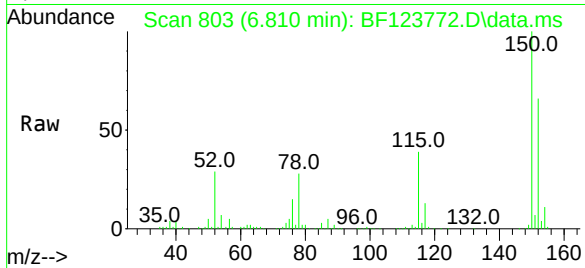




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.810 min Scan# 803  
Delta R.T. 0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

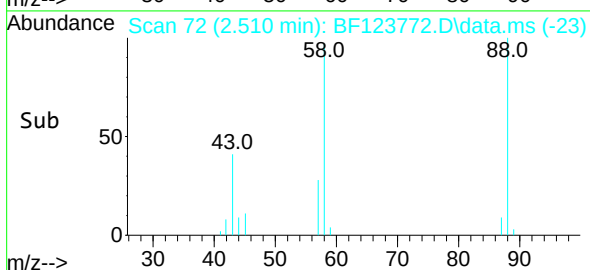
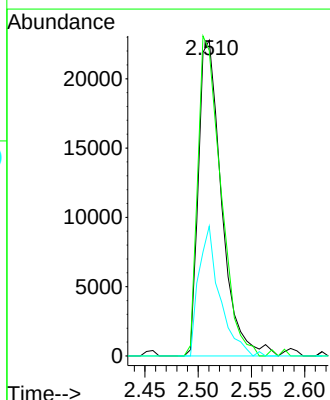
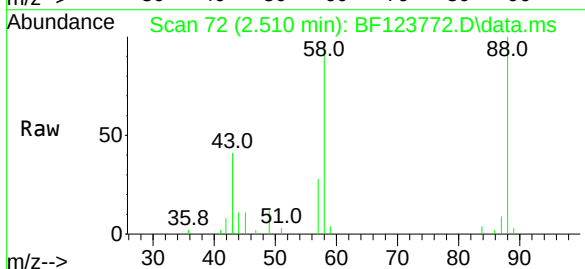
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

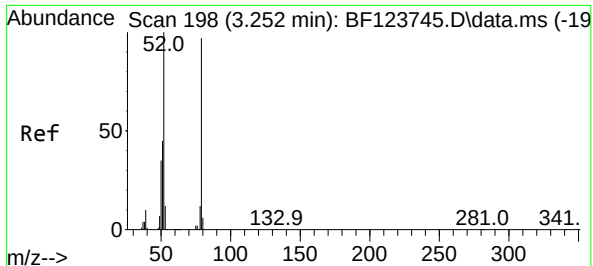
Tgt Ion:152 Resp: 255520  
Ion Ratio Lower Upper  
152 100  
150 150.9 127.0 190.6  
115 59.0 54.3 81.5



#2  
1,4-Dioxane  
Concen: 3.95 ng  
RT: 2.510 min Scan# 72  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion: 88 Resp: 34328  
Ion Ratio Lower Upper  
88 100  
58 100.8 83.8 125.8  
43 37.4 32.2 48.4

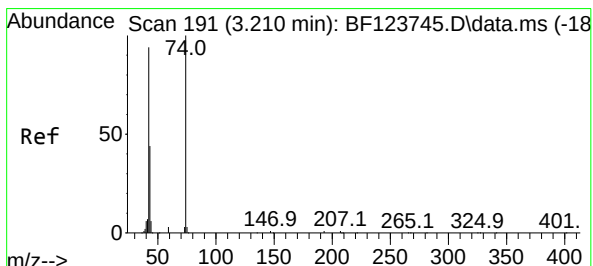
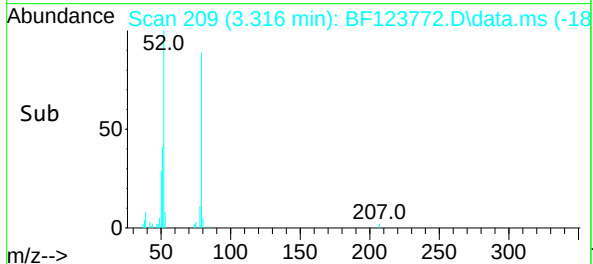
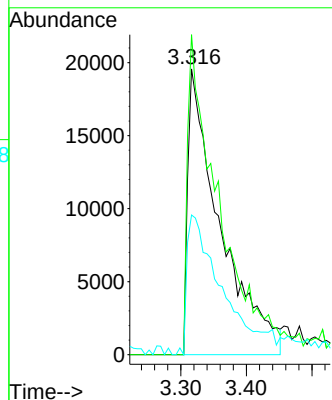
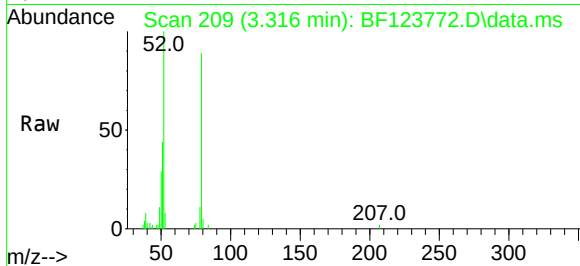




#3  
Pyridine  
Concen: 3.13 ng  
RT: 3.316 min Scan# 209  
Delta R.T. 0.065 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

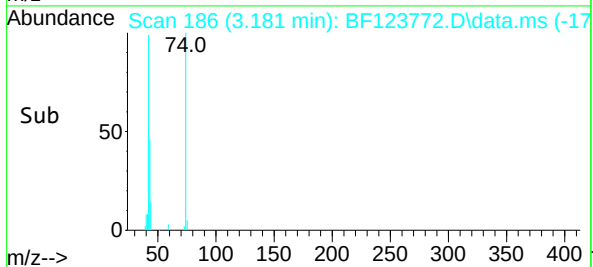
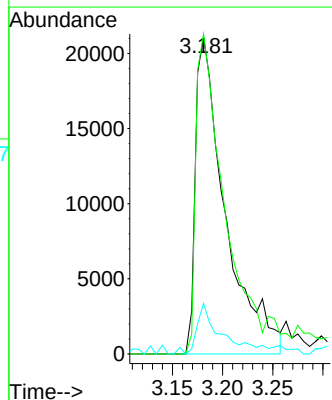
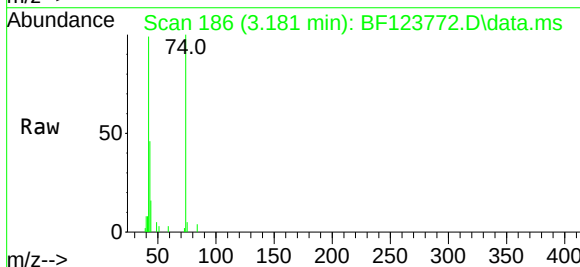
Instrument :  
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ClientSampleId :  
LOQ-WATER-02-QT1-2021

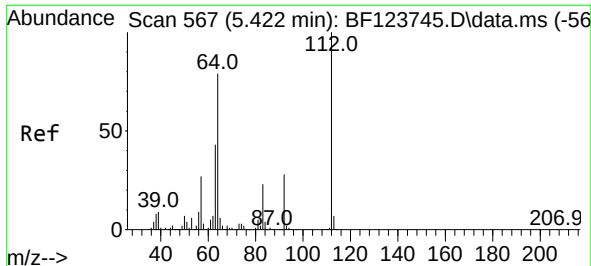
Tgt Ion: 79 Resp: 66401  
Ion Ratio Lower Upper  
79 100  
52 112.0 87.4 131.0  
51 48.9 41.4 62.0



#4  
n-Nitrosodimethylamine  
Concen: 3.73 ng  
RT: 3.181 min Scan# 186  
Delta R.T. -0.029 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion: 42 Resp: 43668  
Ion Ratio Lower Upper  
42 100  
74 100.8 83.5 125.3  
44 15.9 5.7 8.5#

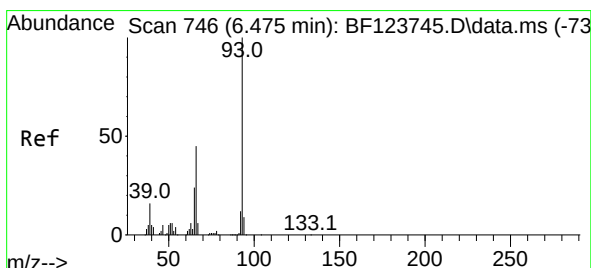
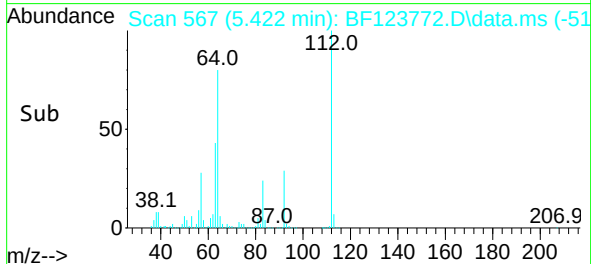
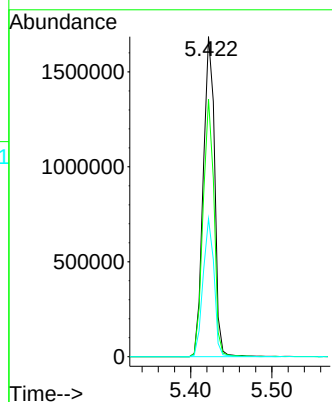
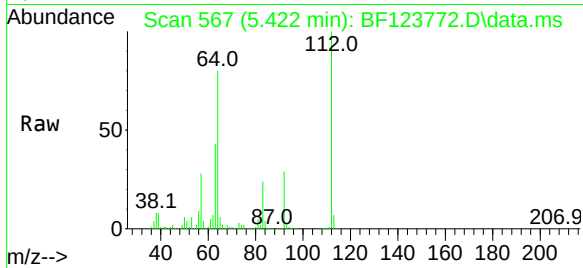




#5  
2-Fluorophenol  
Concen: 101.80 ng  
RT: 5.422 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

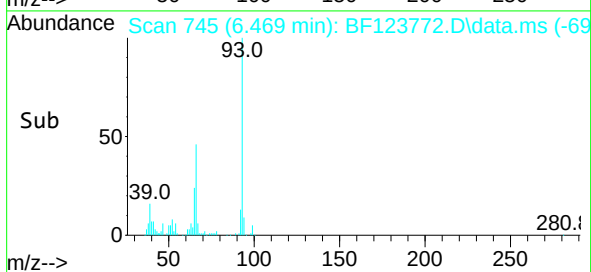
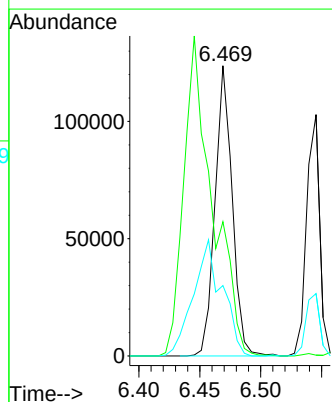
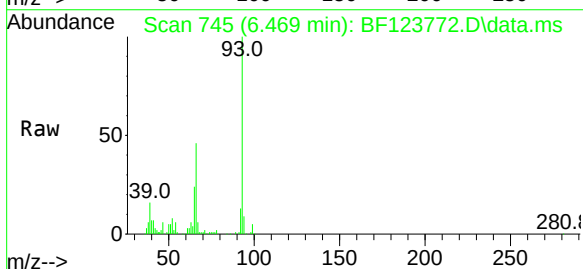
Instrument :  
BNA\_F  
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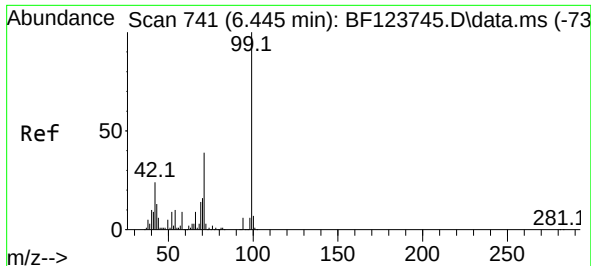
Tgt Ion:112 Resp: 1641842  
Ion Ratio Lower Upper  
112 100  
64 80.5 61.4 92.0  
63 43.1 33.0 49.4



#6  
Aniline  
Concen: 4.73 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.006 min  
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Tgt Ion: 93 Resp: 121422  
Ion Ratio Lower Upper  
93 100  
66 46.3 36.4 54.6  
65 24.3 19.4 29.0



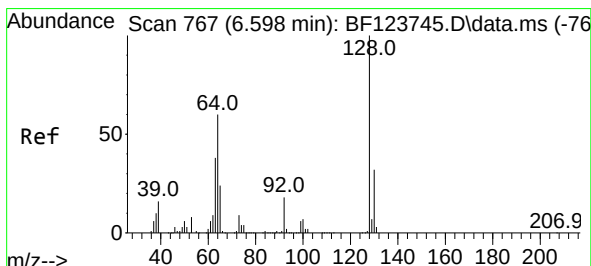
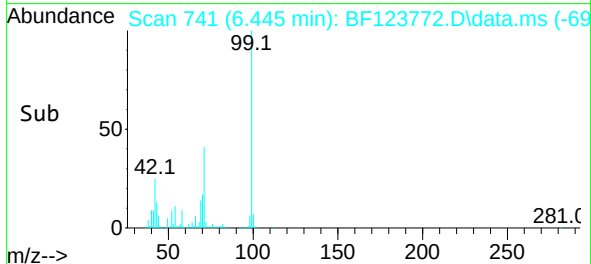
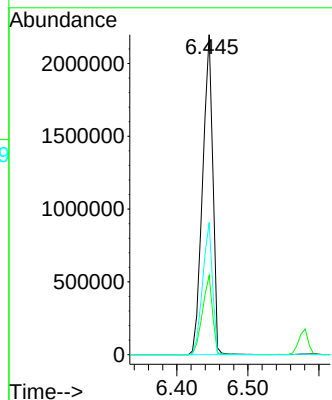
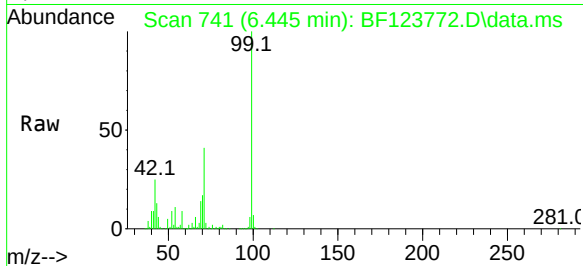


#7  
Phenol-d6  
Concen: 99.28 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

Tgt Ion: 99 Resp: 2205696

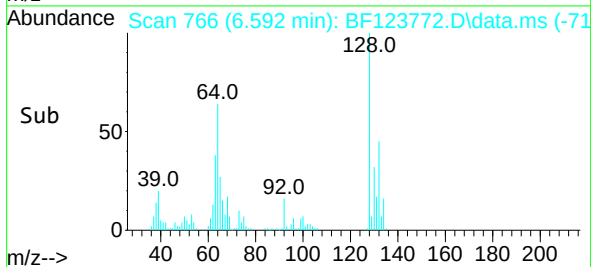
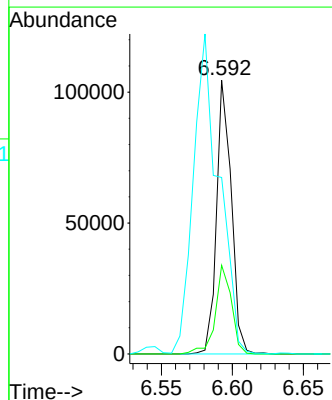
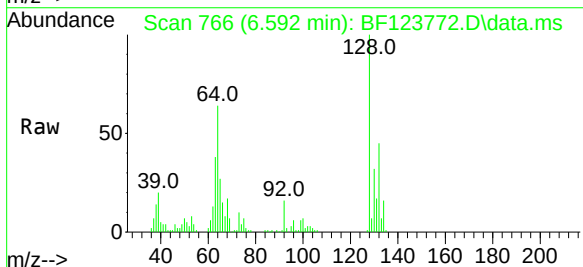
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|-----|-------|-------|-------|
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| 42  | 24.8  | 19.8  | 29.8  |
| 71  | 41.3  | 31.1  | 46.7  |

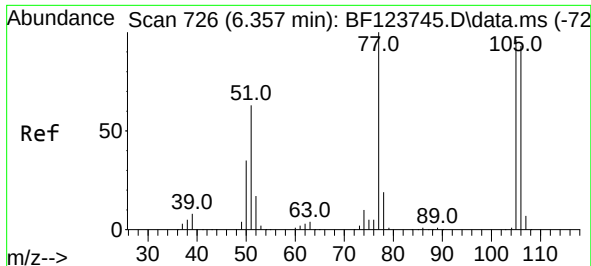


#8  
2-Chlorophenol  
Concen: 4.33 ng  
RT: 6.592 min Scan# 766  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion: 128 Resp: 75206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.4  | 12.6  | 52.6  |
| 64  | 64.4  | 41.5  | 81.5  |

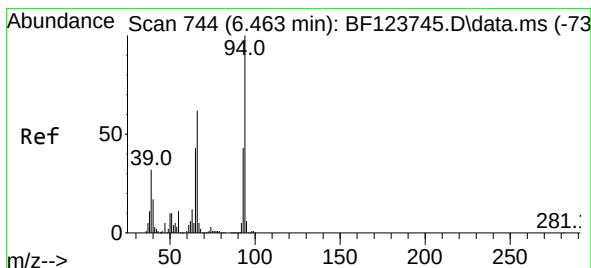
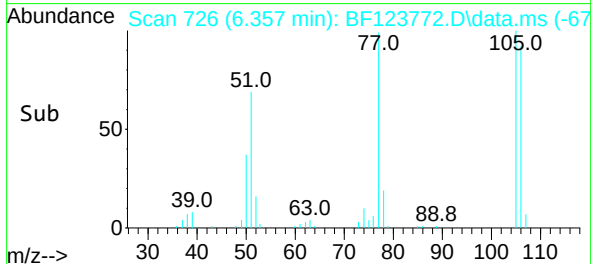
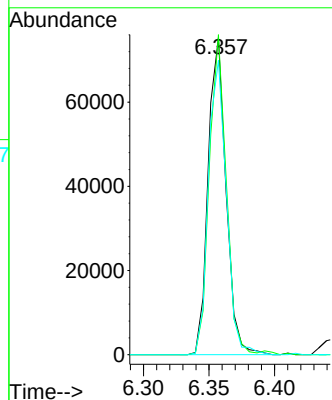
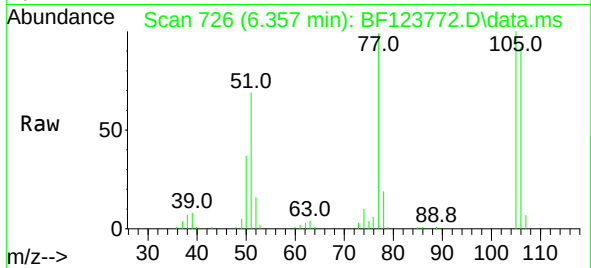




#9  
Benzaldehyde  
Concen: 6.64 ng  
RT: 6.357 min Scan# 726  
Delta R.T. -0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

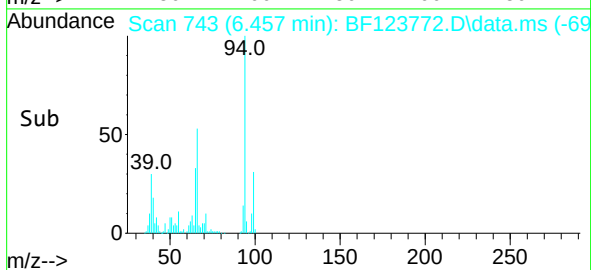
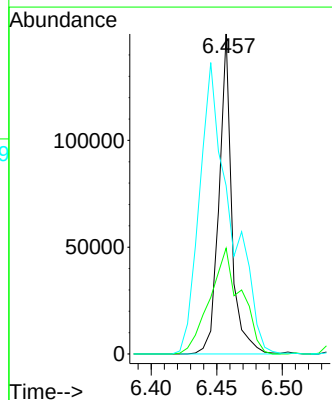
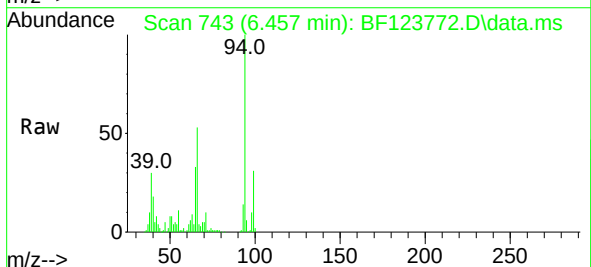
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 71392 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 101.0 | 75.2  | 115.2 |
| 106      | 92.9  | 71.6  | 111.6 |

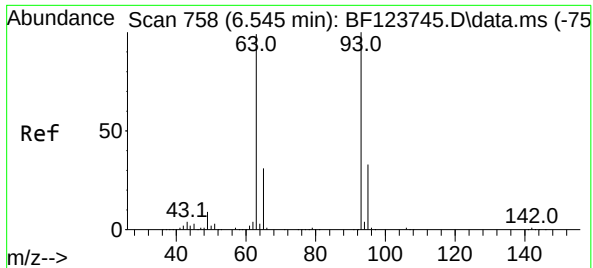


#10  
Phenol  
Concen: 4.23 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 101005 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.0  | 18.1  | 58.1   |
| 66       | 52.6  | 29.0  | 69.0   |



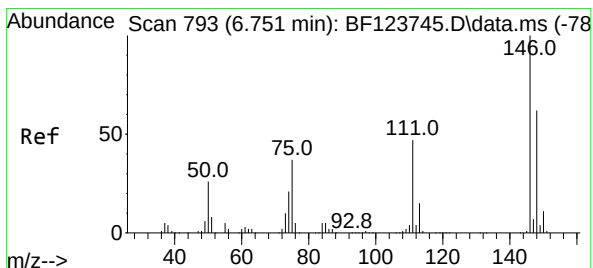
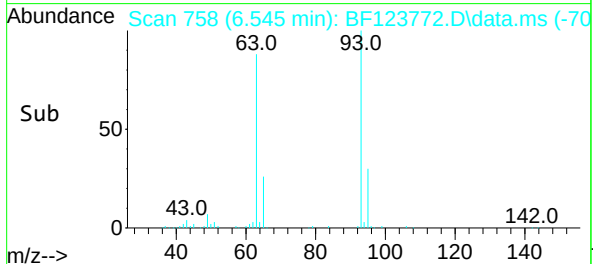
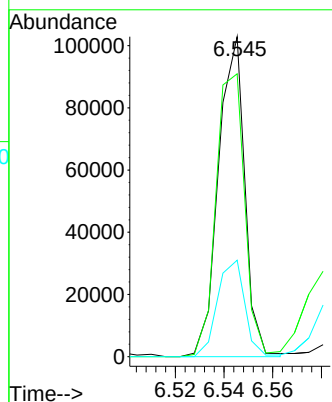
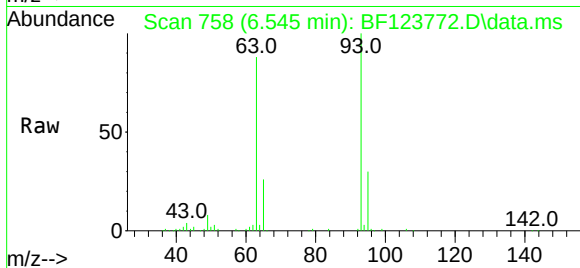




#11  
bis(2-Chloroethyl)ether  
Concen: 4.44 ng  
RT: 6.545 min Scan# 758  
Delta R.T. -0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

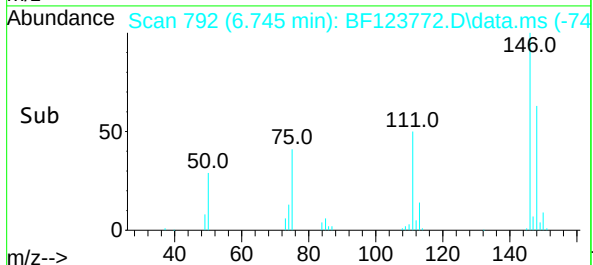
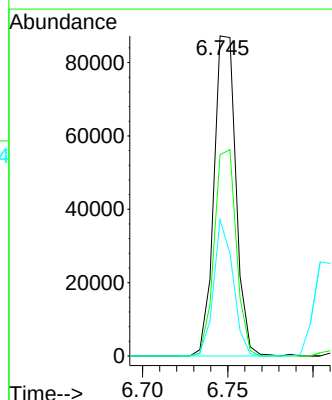
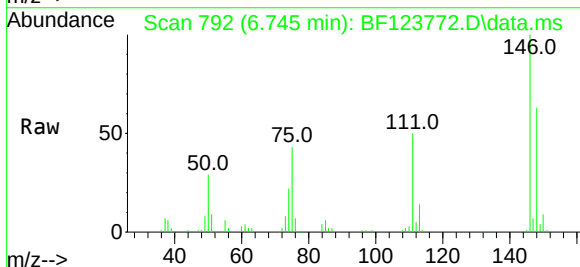
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

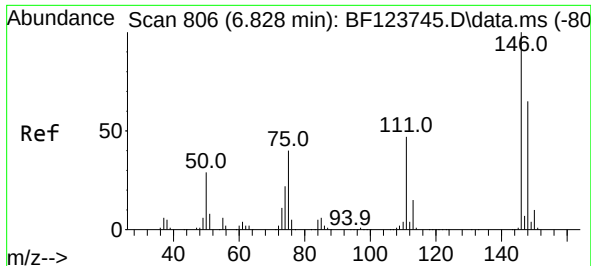
Tgt Ion: 93 Resp: 77293  
Ion Ratio Lower Upper  
93 100  
63 88.4 76.1 116.1  
95 30.1 11.5 51.5



#12  
1,3-Dichlorobenzene  
Concen: 4.46 ng  
RT: 6.745 min Scan# 792  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:146 Resp: 78212  
Ion Ratio Lower Upper  
146 100  
148 62.9 50.9 76.3  
75 42.5 34.2 51.4

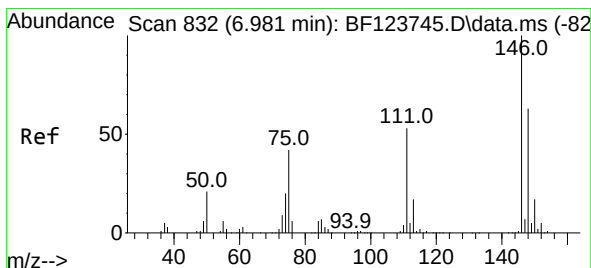
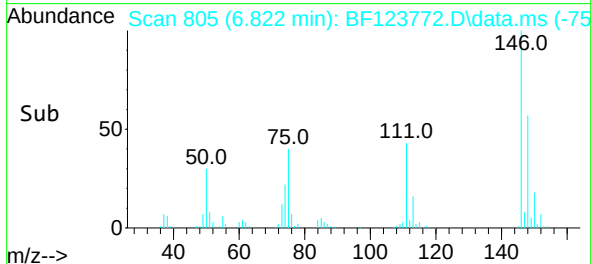
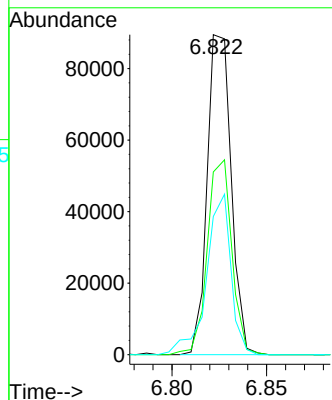
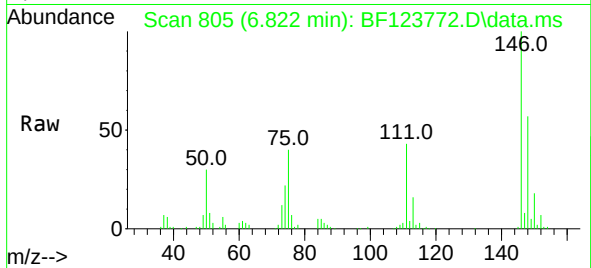




#13  
1,4-Dichlorobenzene  
Concen: 4.46 ng  
RT: 6.822 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

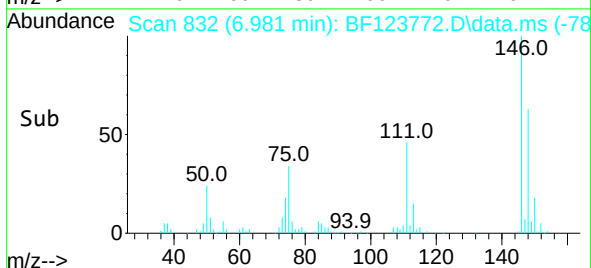
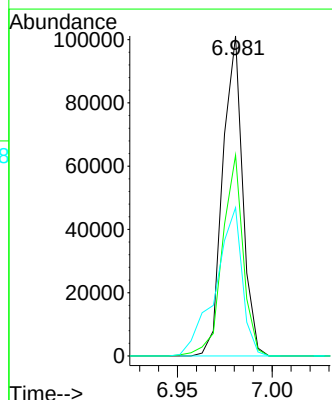
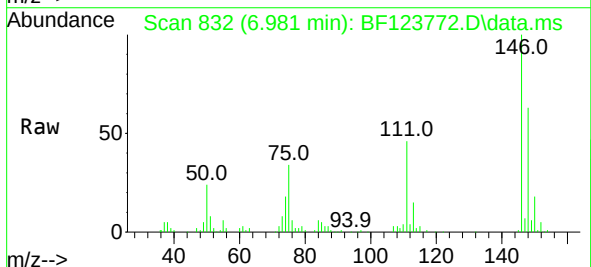
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

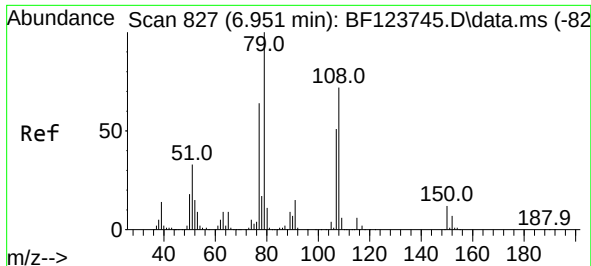
Tgt Ion:146 Resp: 79054  
Ion Ratio Lower Upper  
146 100  
148 57.1 49.9 74.9  
111 43.2 39.5 59.3



#14  
1,2-Dichlorobenzene  
Concen: 4.28 ng  
RT: 6.981 min Scan# 832  
Delta R.T. -0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:146 Resp: 73738  
Ion Ratio Lower Upper  
146 100  
148 62.7 51.6 77.4  
111 46.3 38.4 57.6

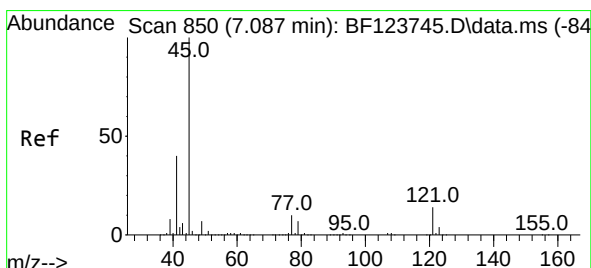
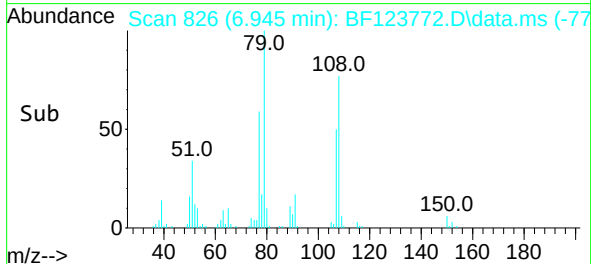
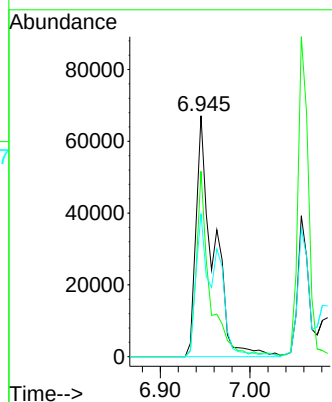
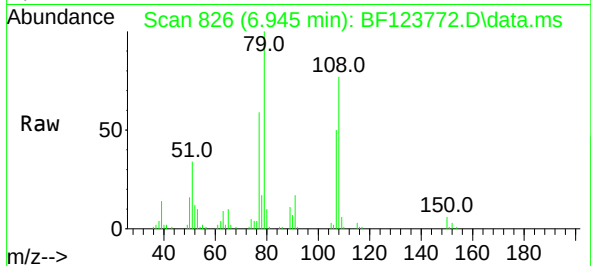




#15  
Benzyl Alcohol  
Concen: 5.15 ng  
RT: 6.945 min Scan# 826  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

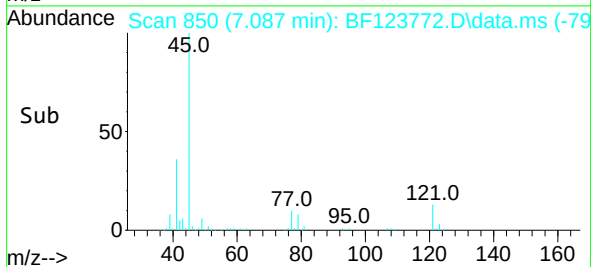
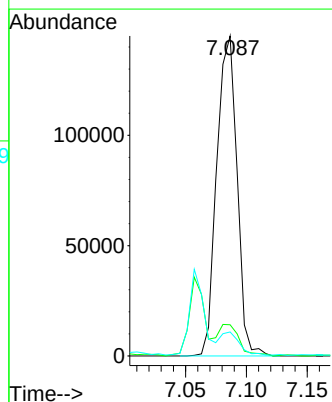
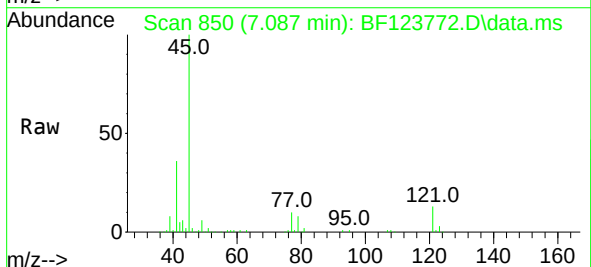
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

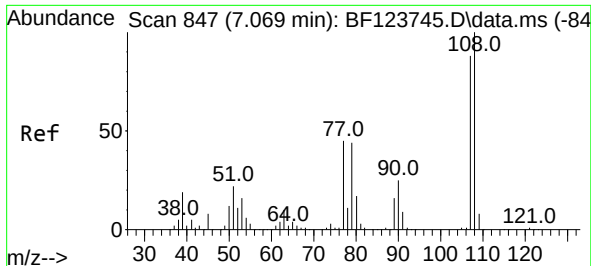
Tgt Ion: 79 Resp: 89747  
Ion Ratio Lower Upper  
79 100  
108 77.0 55.8 83.8  
77 59.4 49.9 74.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.53 ng  
RT: 7.087 min Scan# 850  
Delta R.T. -0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion: 45 Resp: 167976  
Ion Ratio Lower Upper  
45 100  
77 9.8 0.0 30.0  
79 7.5 0.0 27.3

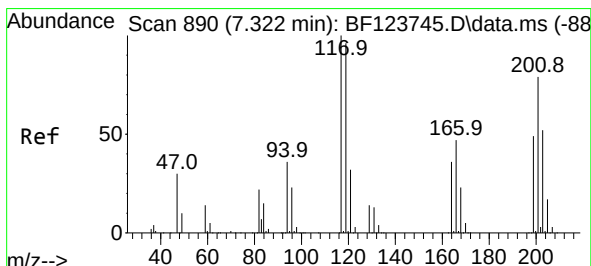
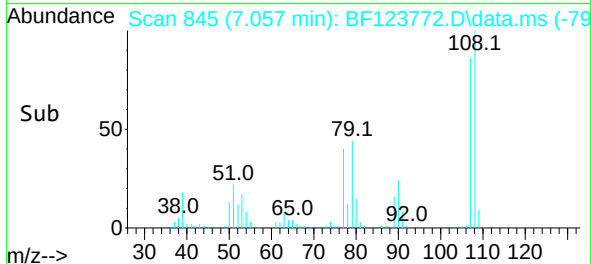
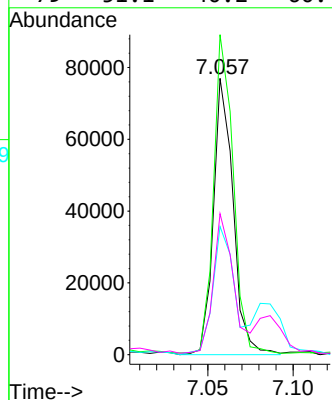
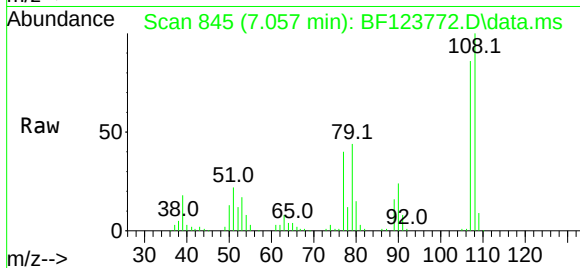




#17  
2-Methylphenol  
Concen: 4.18 ng  
RT: 7.057 min Scan# 845  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

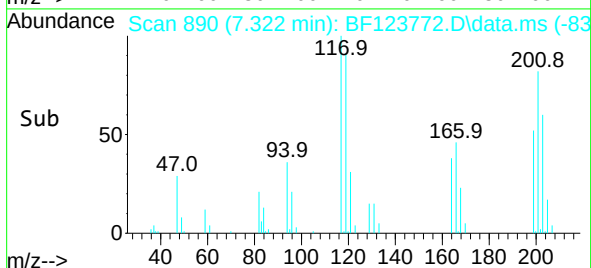
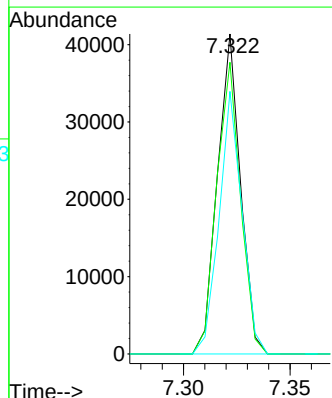
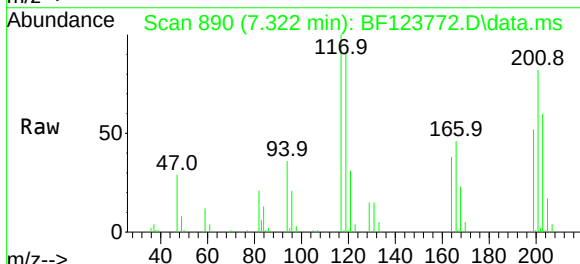
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

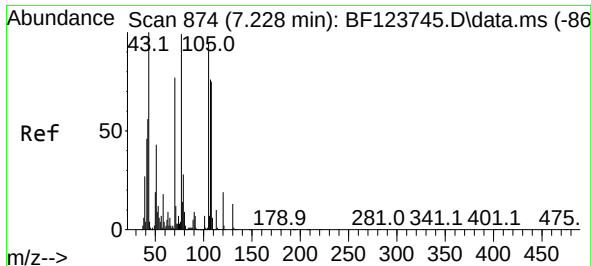
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 61777 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 115.8 | 89.8  | 134.8 |
| 77       | 46.4  | 40.9  | 61.3  |
| 79       | 51.1  | 40.2  | 60.4  |



#18  
Hexachloroethane  
Concen: 4.44 ng  
RT: 7.322 min Scan# 890  
Delta R.T. -0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 31185 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.1  | 77.8  | 116.8 |
| 201      | 82.0  | 67.8  | 101.8 |

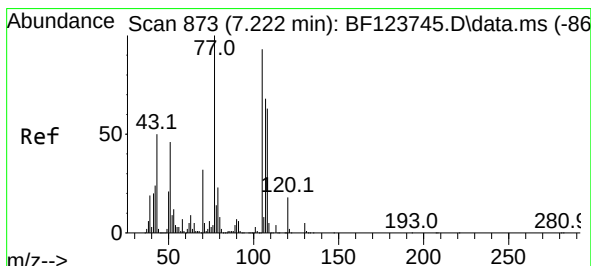
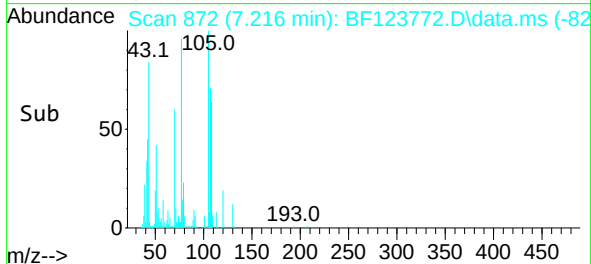
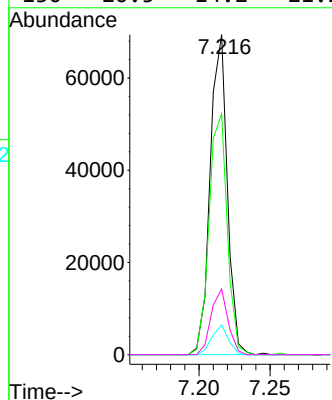
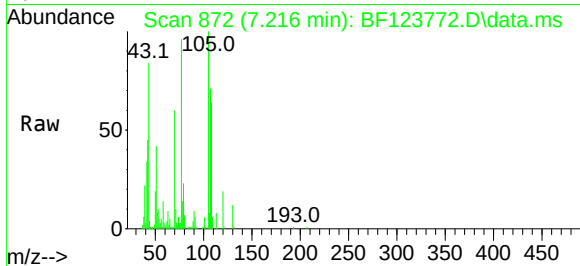




#19  
n-Nitroso-di-n-propylamine  
Concen: 4.24 ng  
RT: 7.216 min Scan# 872  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

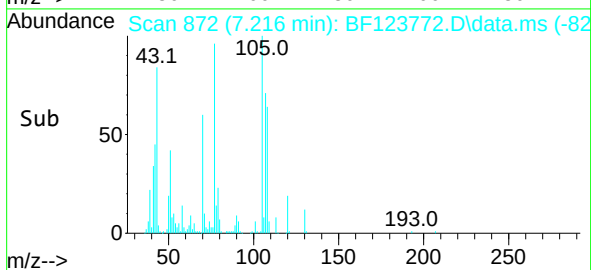
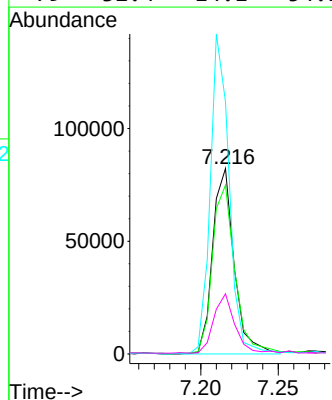
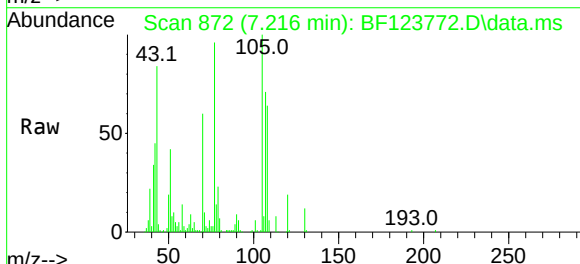
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

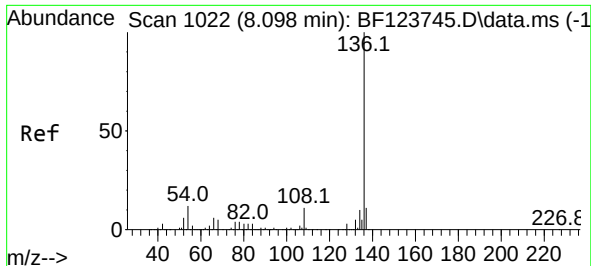
|             |             |
|-------------|-------------|
| Tgt Ion: 70 | Resp: 58220 |
| Ion Ratio   | Lower Upper |
| 70 100      |             |
| 42 75.3     | 60.1 90.1   |
| 101 9.3     | 7.4 11.2    |
| 130 20.5    | 14.2 21.2   |



#20  
3+4-Methylphenols  
Concen: 4.25 ng  
RT: 7.216 min Scan# 872  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

|              |             |
|--------------|-------------|
| Tgt Ion: 107 | Resp: 79866 |
| Ion Ratio    | Lower Upper |
| 107 100      |             |
| 108 91.1     | 71.5 111.5  |
| 77 136.0     | 82.0 122.0# |
| 79 32.4      | 14.1 54.1   |

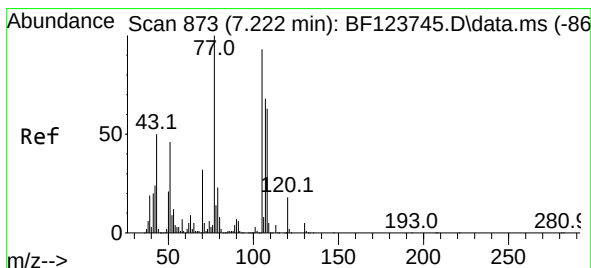
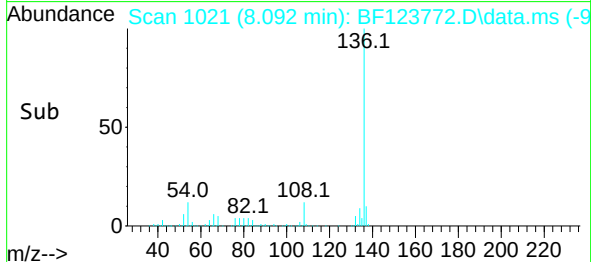
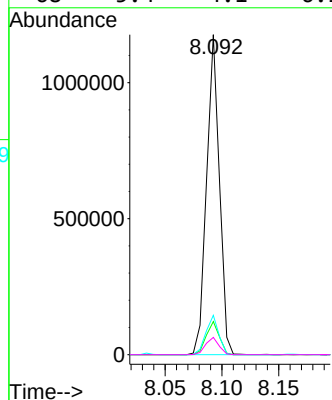
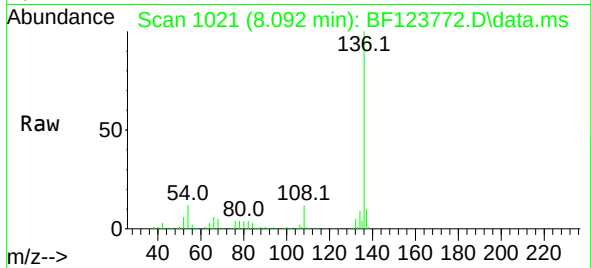




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

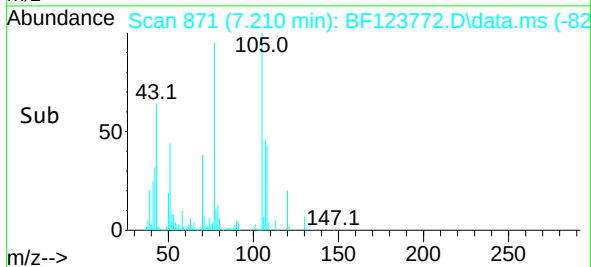
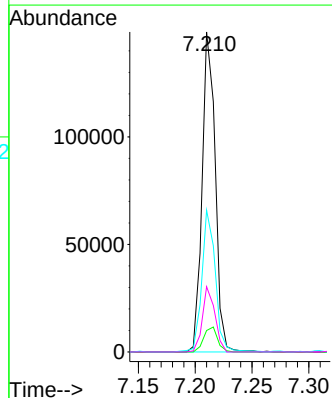
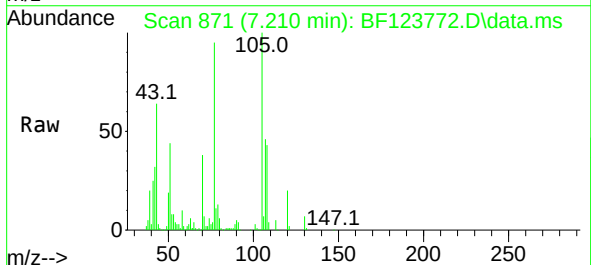
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

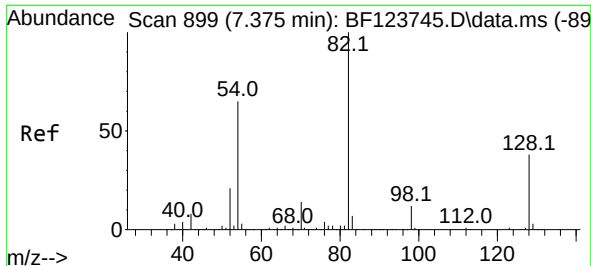
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:136 | Resp: | 918783 |
| Ion | Ratio   | Lower | Upper  |
| 136 | 100     |       |        |
| 137 | 10.4    | 8.7   | 13.1   |
| 54  | 12.3    | 9.8   | 14.6   |
| 68  | 5.4     | 4.1   | 6.1    |



#22  
Acetophenone  
Concen: 4.80 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 119833 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 6.7     | 4.2   | 6.4#   |
| 51  | 44.3    | 33.6  | 50.4   |
| 120 | 20.4    | 16.3  | 24.5   |

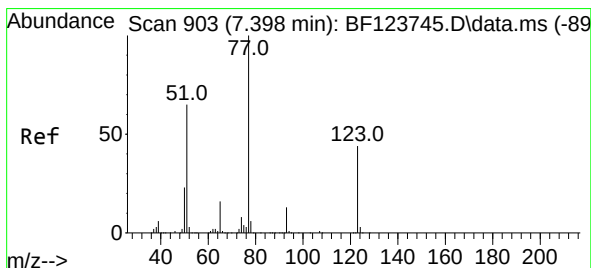
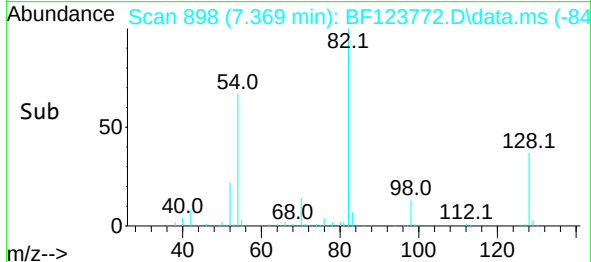
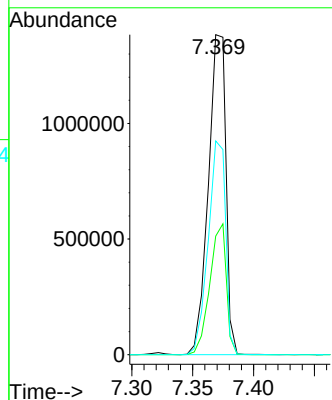
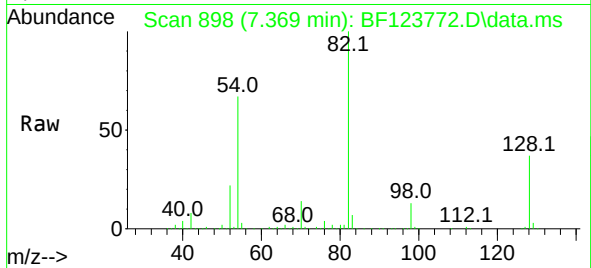




#23  
Nitrobenzene-d5  
Concen: 68.61 ng  
RT: 7.369 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

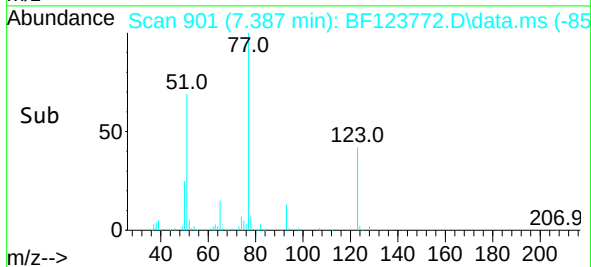
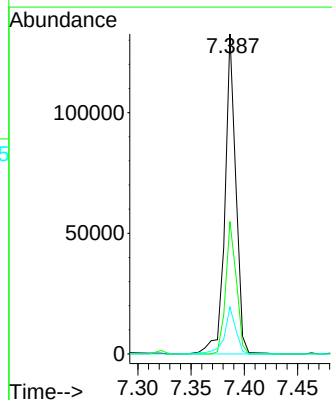
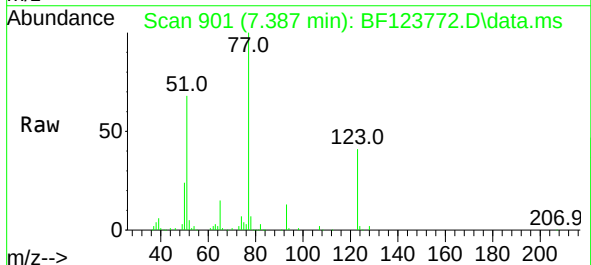
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

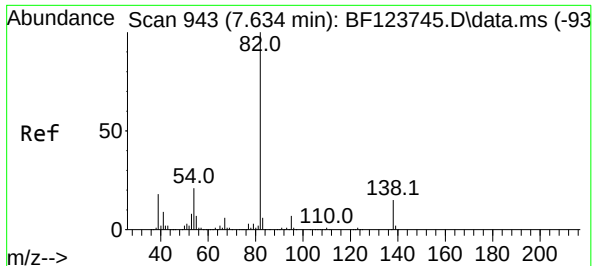
Tgt Ion: 82 Resp: 1396430  
Ion Ratio Lower Upper  
82 100  
128 37.0 29.4 44.2  
54 66.8 54.1 81.1



#24  
Nitrobenzene  
Concen: 4.44 ng  
RT: 7.387 min Scan# 901  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion: 77 Resp: 94188  
Ion Ratio Lower Upper  
77 100  
123 41.4 34.5 51.7  
65 14.7 12.2 18.2

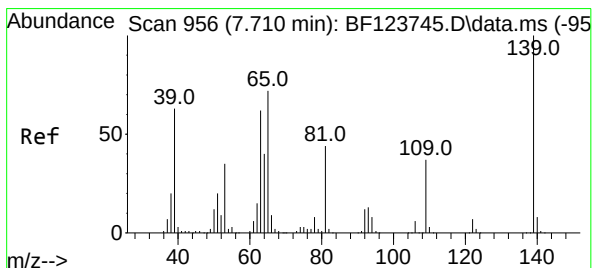
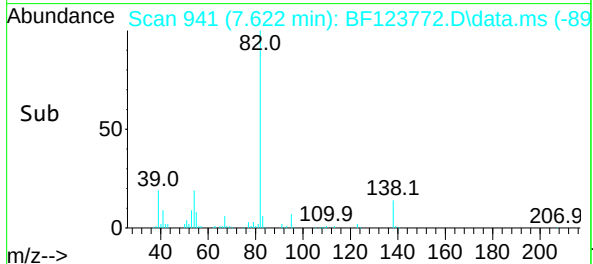
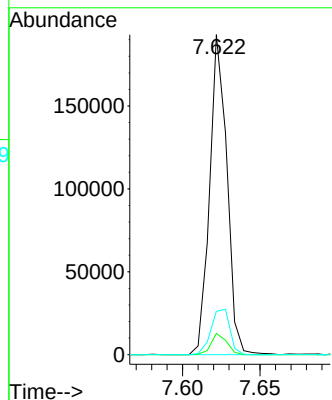
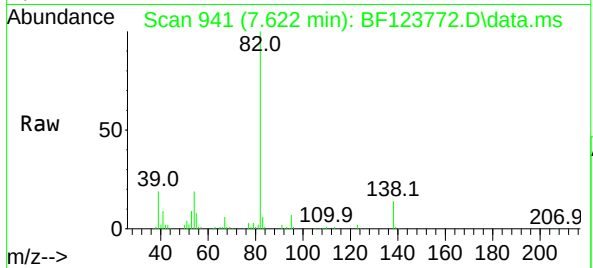




#25  
Isophorone  
Concen: 3.92 ng  
RT: 7.622 min Scan# 941  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

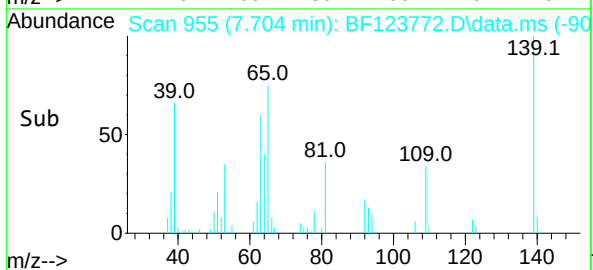
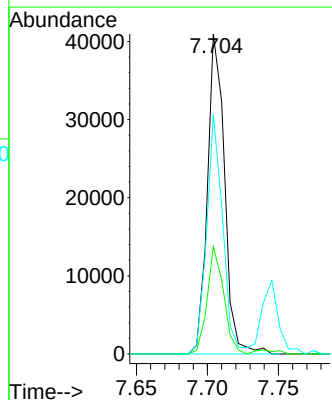
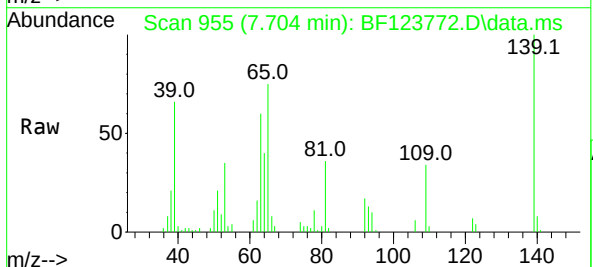
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

Tgt Ion: 82 Resp: 149782  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.8 8.6  
138 13.6 11.8 17.8

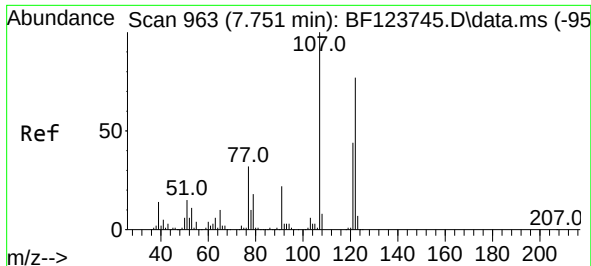


#26  
2-Nitrophenol  
Concen: 3.98 ng  
RT: 7.704 min Scan# 955  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion: 139 Resp: 34408  
Ion Ratio Lower Upper  
139 100  
109 33.5 28.6 43.0  
65 74.8 56.8 85.2

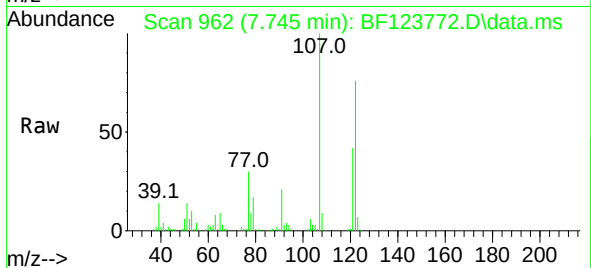




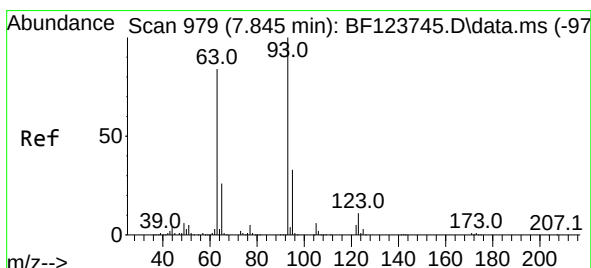
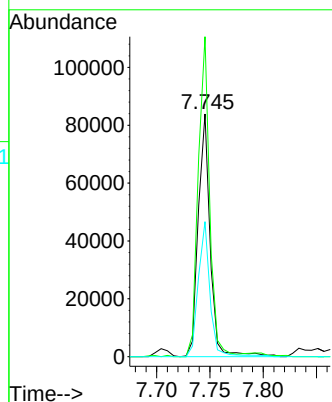
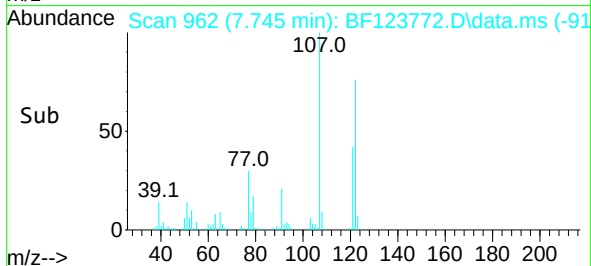


#27  
2,4-Dimethylphenol  
Concen: 4.83 ng  
RT: 7.745 min Scan# 962  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

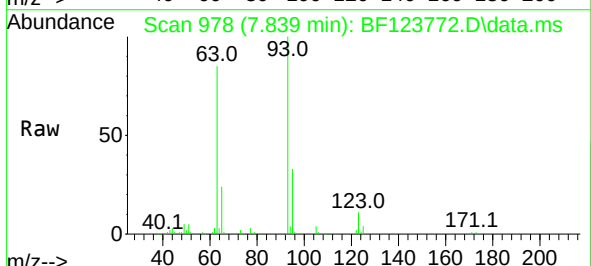
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



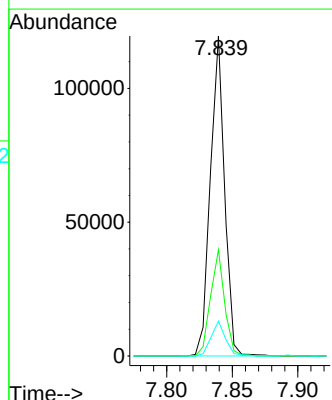
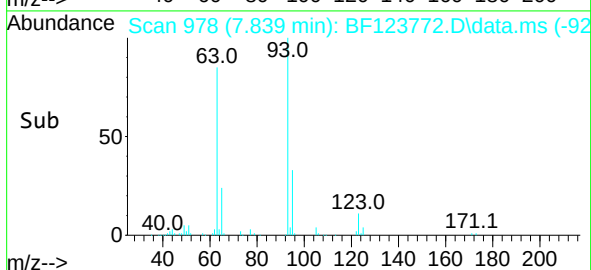
Tgt Ion:122 Resp: 65694  
Ion Ratio Lower Upper  
122 100  
107 131.8 106.3 159.5  
121 55.6 45.4 68.0

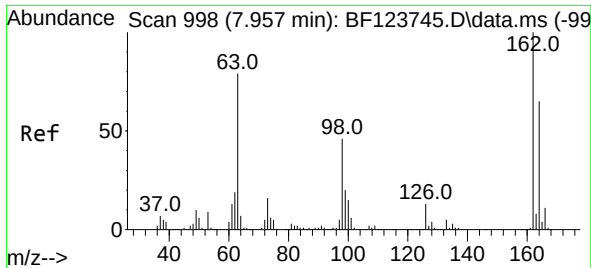


#28  
bis(2-Chloroethoxy)methane  
Concen: 4.66 ng  
RT: 7.839 min Scan# 978  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58



Tgt Ion: 93 Resp: 90569  
Ion Ratio Lower Upper  
93 100  
95 33.2 26.5 39.7  
123 10.9 8.4 12.6

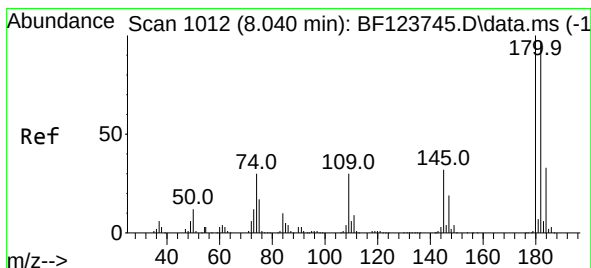
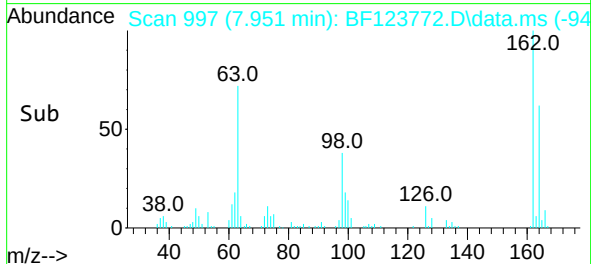
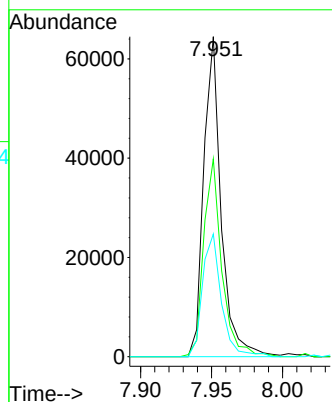
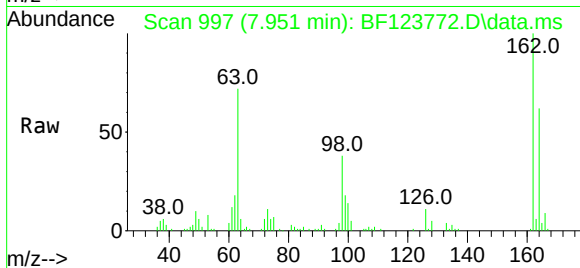




#29  
2,4-Dichlorophenol  
Concen: 4.12 ng  
RT: 7.951 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

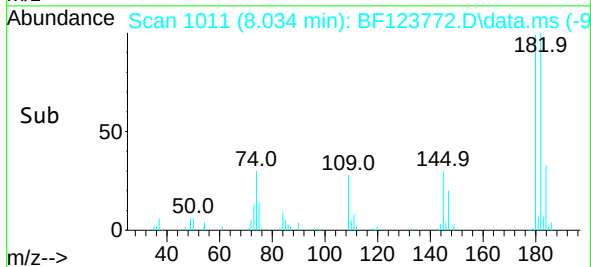
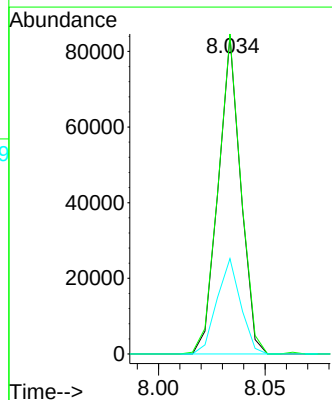
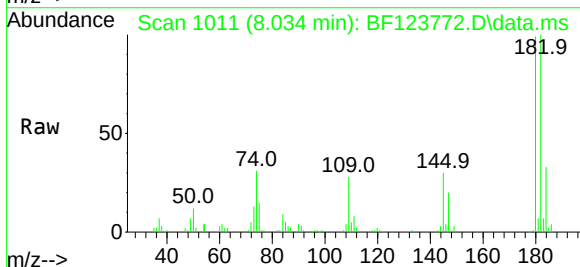
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

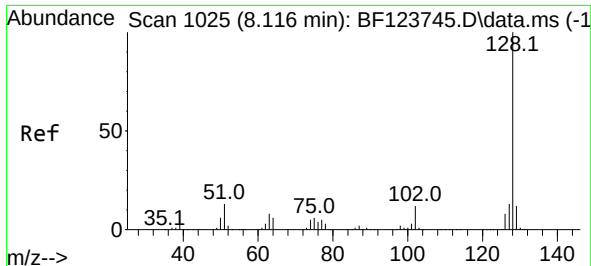
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 55175     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 61.8  | 44.1 84.1 |
| 98          | 38.4  | 27.3 67.3 |



#30  
1,2,4-Trichlorobenzene  
Concen: 4.38 ng  
RT: 8.034 min Scan# 1011  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 61452      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 100.6 | 77.2 115.8 |
| 145         | 30.0  | 26.0 39.0  |

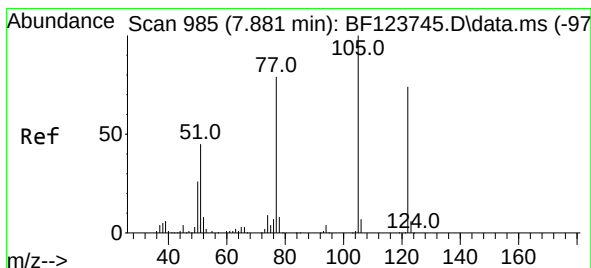
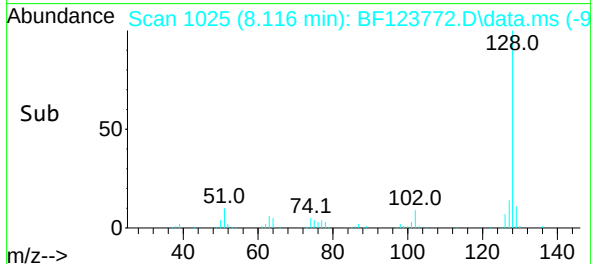
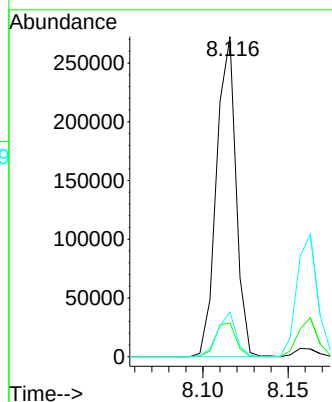
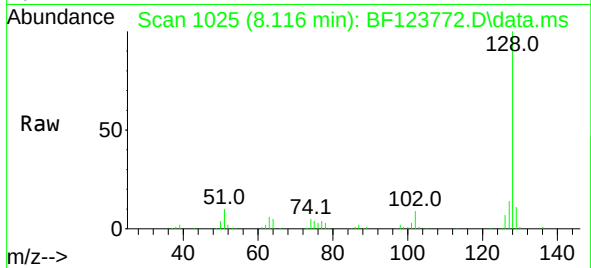




#31  
Naphthalene  
Concen: 4.57 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

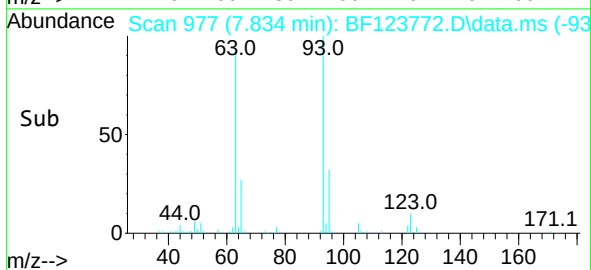
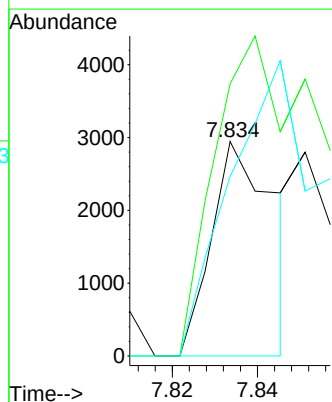
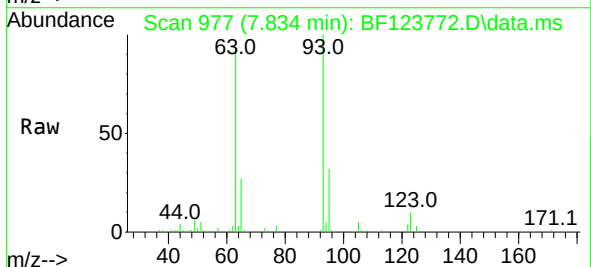
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

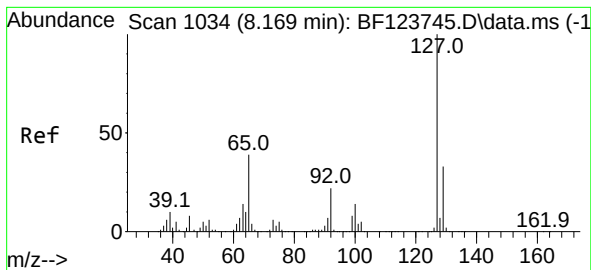
Tgt Ion:128 Resp: 216321  
Ion Ratio Lower Upper  
128 100  
129 10.6 8.9 13.3  
127 13.8 10.8 16.2



#32  
Benzoic acid  
Concen: 0.36 ng  
RT: 7.834 min Scan# 977  
Delta R.T. -0.047 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:122 Resp: 3038  
Ion Ratio Lower Upper  
122 100  
105 126.9 107.8 147.8  
77 83.7 81.6 121.6

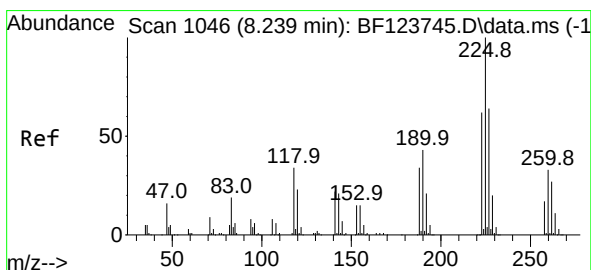
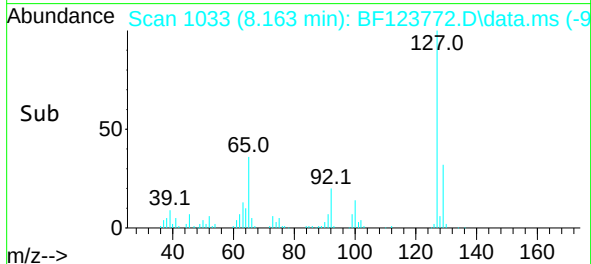
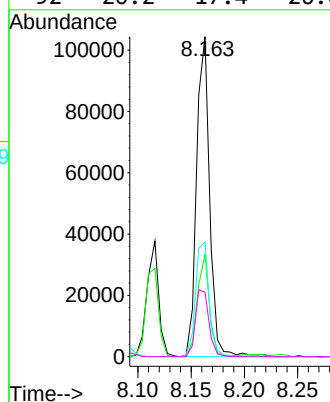
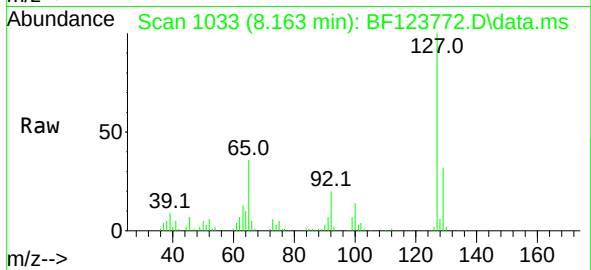




#33  
4-Chloroaniline  
Concen: 4.53 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

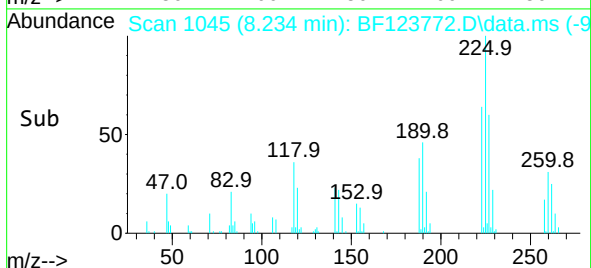
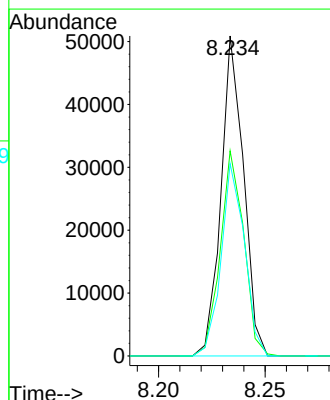
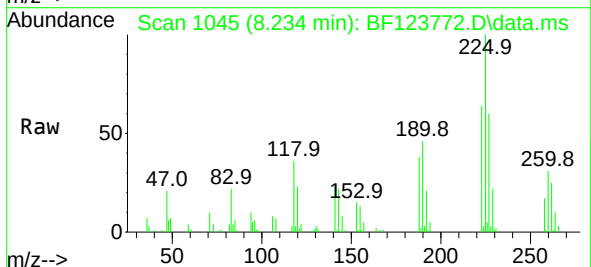
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

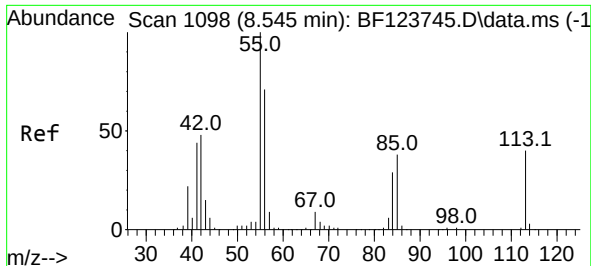
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 89485 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.8  | 25.7  | 38.5  |
| 65        | 35.9  | 34.5  | 51.7  |
| 92        | 20.2  | 17.4  | 26.0  |



#34  
Hexachlorobutadiene  
Concen: 4.37 ng  
RT: 8.234 min Scan# 1045  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 37422 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.1  | 50.4  | 75.6  |
| 227       | 60.1  | 51.4  | 77.0  |

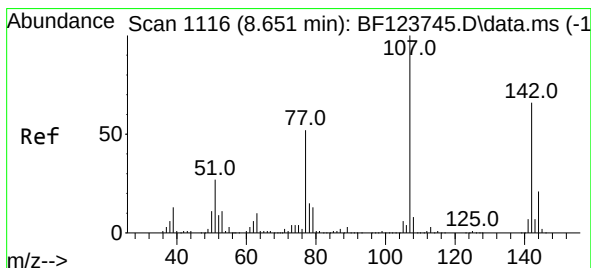
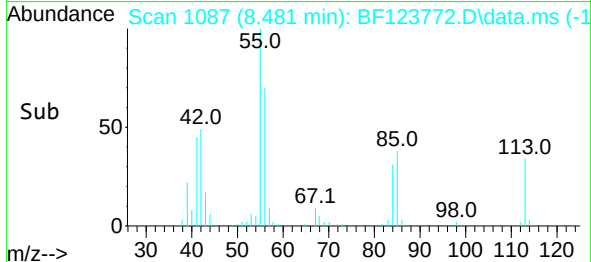
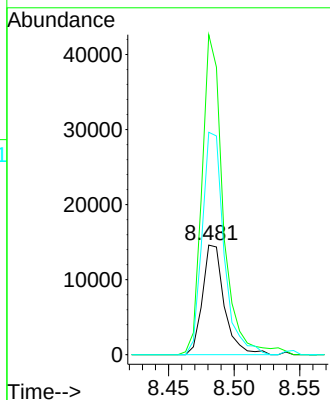
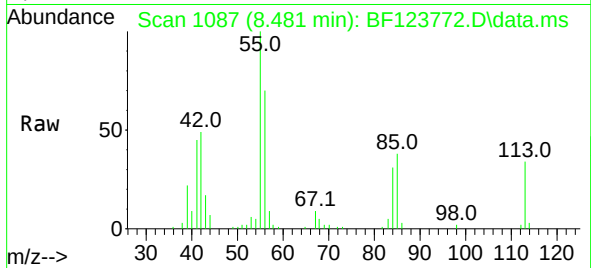




#35  
Caprolactam  
Concen: 3.60 ng  
RT: 8.481 min Scan# 1087  
Delta R.T. -0.065 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

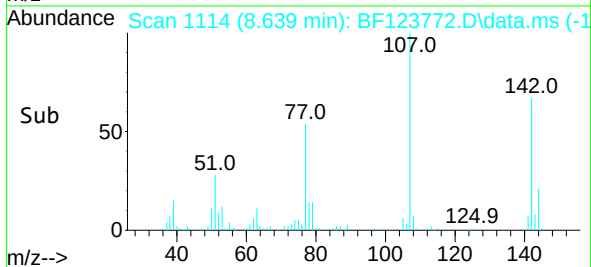
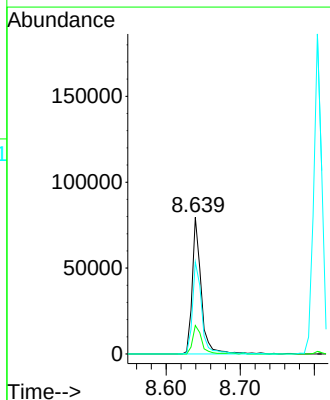
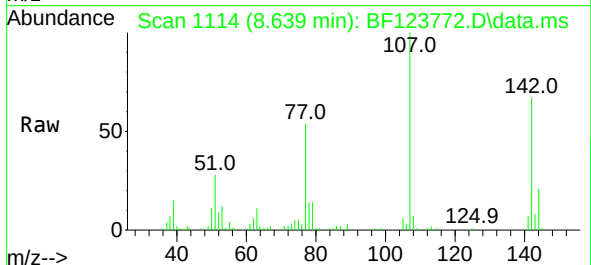
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

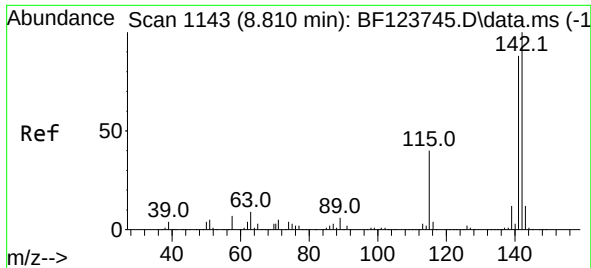
Tgt Ion:113 Resp: 16937  
Ion Ratio Lower Upper  
113 100  
55 291.8 254.9 294.9  
56 202.8 179.4 219.4



#36  
4-Chloro-3-methylphenol  
Concen: 4.03 ng  
RT: 8.639 min Scan# 1114  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:107 Resp: 67269  
Ion Ratio Lower Upper  
107 100  
144 20.8 16.3 24.5  
142 67.3 50.1 75.1

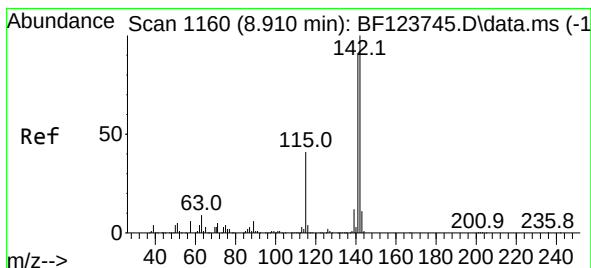
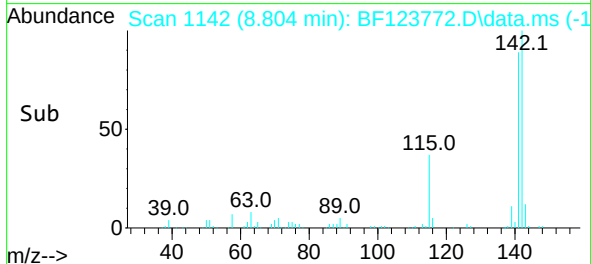
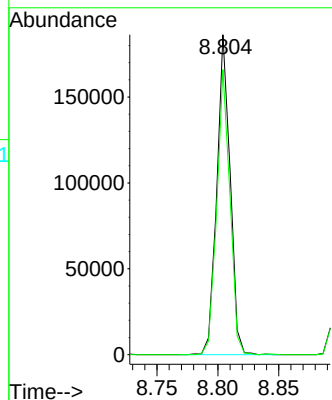
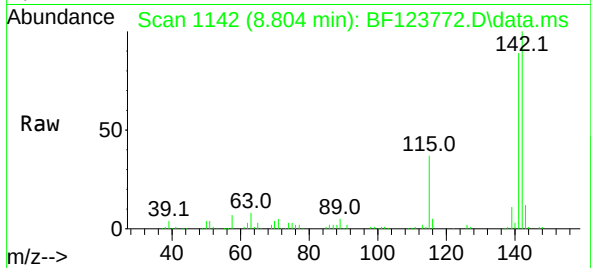




#37  
2-Methylnaphthalene  
Concen: 4.59 ng  
RT: 8.804 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

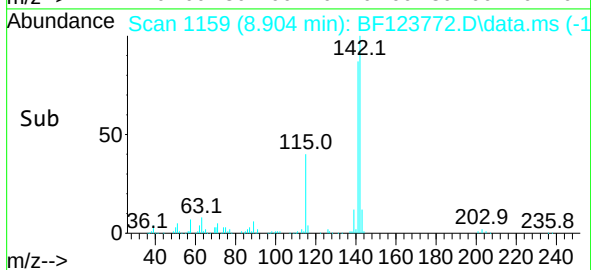
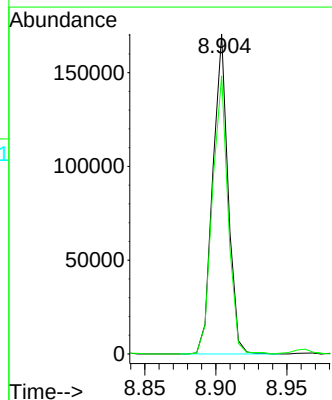
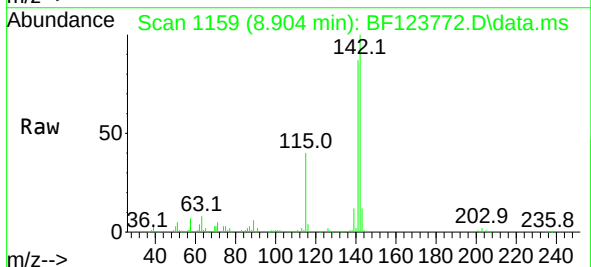
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

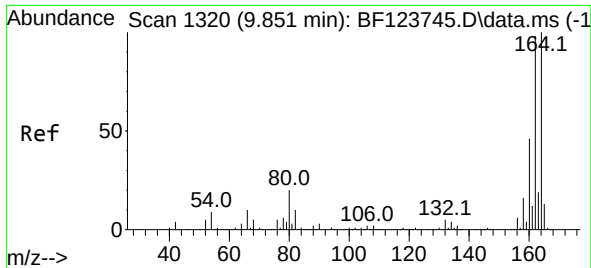
Tgt Ion:142 Resp: 141475  
Ion Ratio Lower Upper  
142 100  
141 89.1 71.8 107.6



#38  
1-Methylnaphthalene  
Concen: 4.41 ng  
RT: 8.904 min Scan# 1159  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:142 Resp: 127779  
Ion Ratio Lower Upper  
142 100  
141 86.9 72.8 109.2

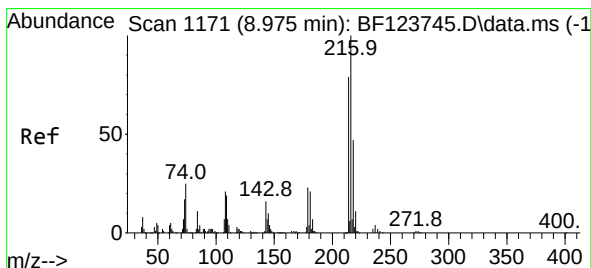
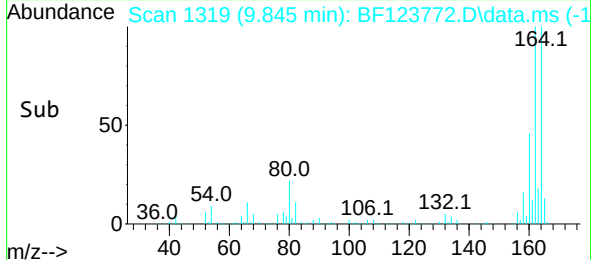
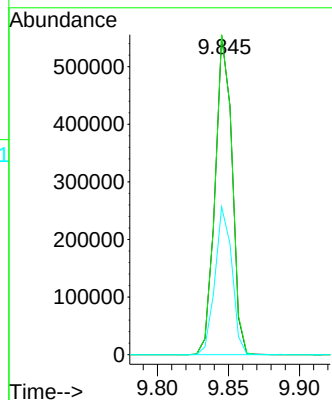
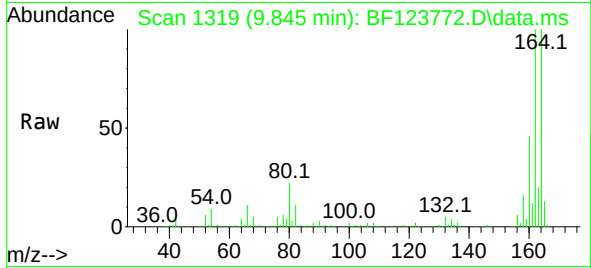




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

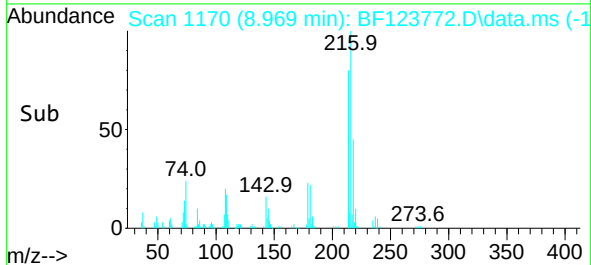
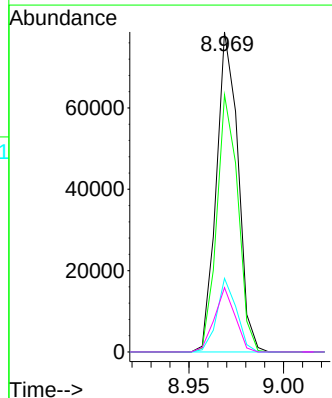
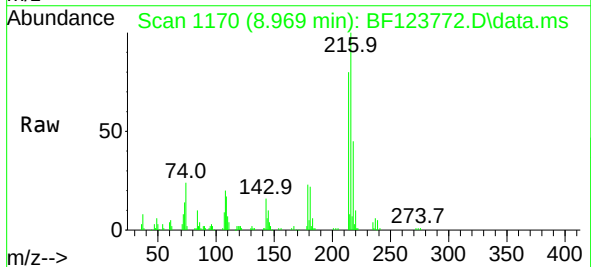
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

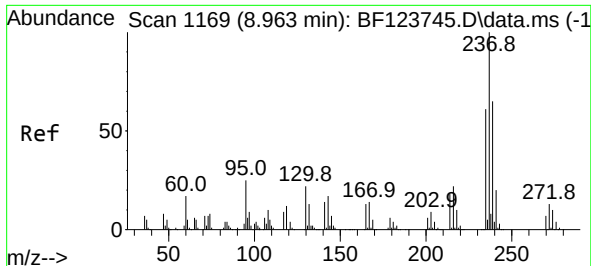
Tgt Ion:164 Resp: 459683  
Ion Ratio Lower Upper  
164 100  
162 100.2 80.7 121.1  
160 46.3 37.3 55.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.64 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:216 Resp: 62755  
Ion Ratio Lower Upper  
216 100  
214 78.0 63.8 95.8  
179 20.9 17.9 26.9  
108 19.1 18.6 28.0

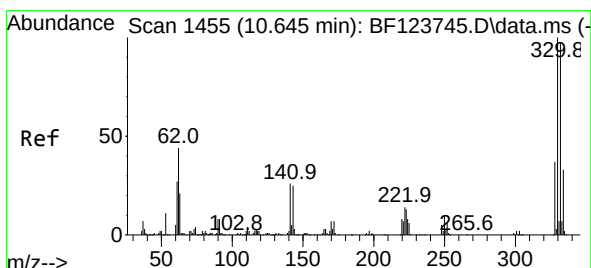
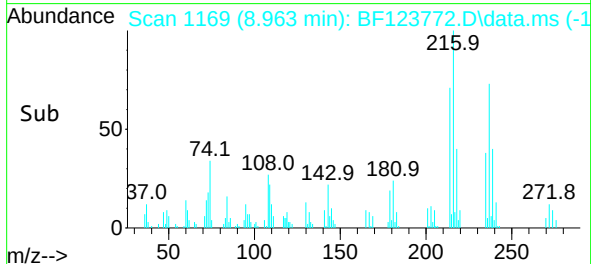
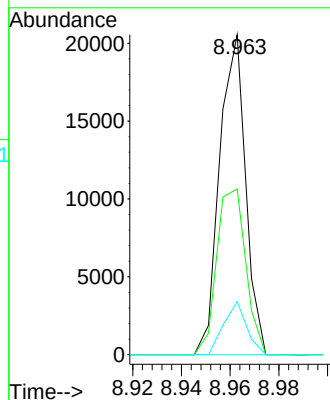
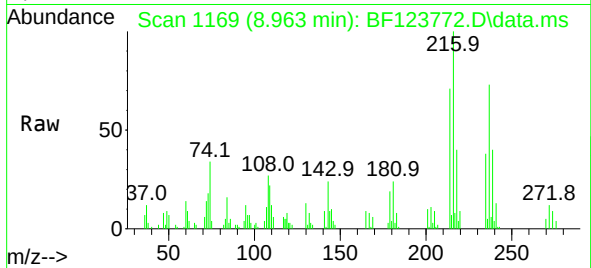




#41  
Hexachlorocyclopentadiene  
Concen: 2.83 ng  
RT: 8.963 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

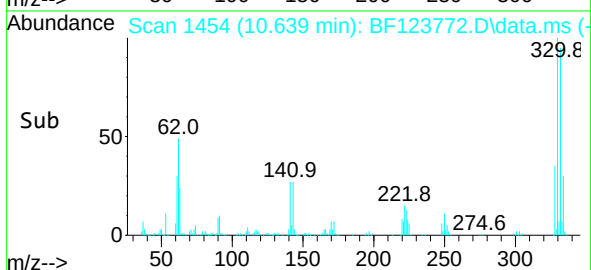
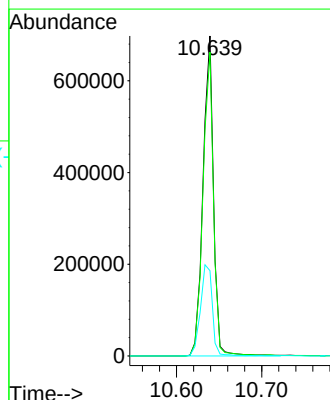
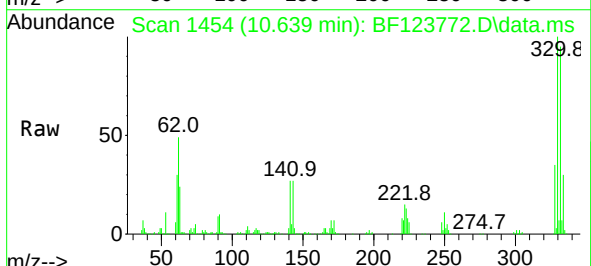
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

Tgt Ion:237 Resp: 15208  
Ion Ratio Lower Upper  
237 100  
235 51.8 38.8 78.8  
272 16.6 0.0 32.4

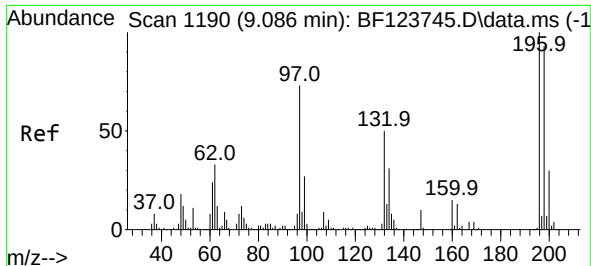


#42  
2,4,6-Tribromophenol  
Concen: 104.22 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:330 Resp: 596395  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.1 115.7  
141 32.1 27.9 41.9



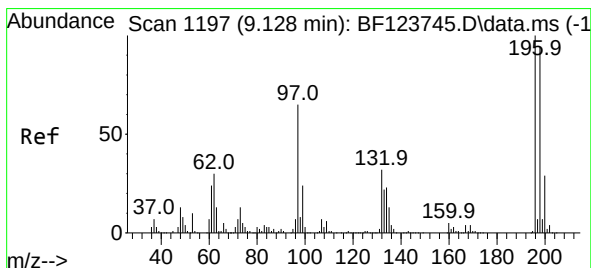
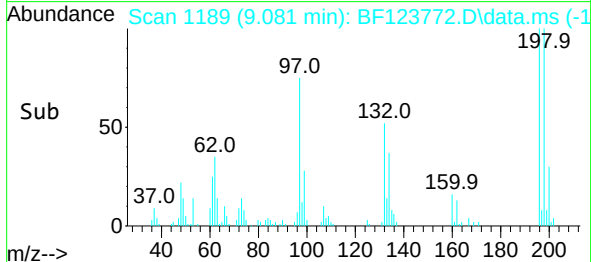
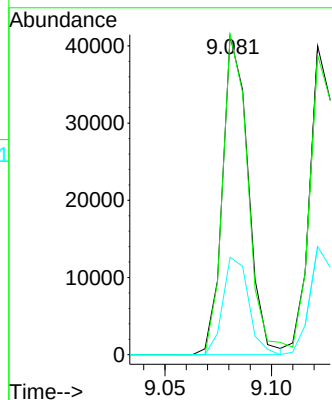
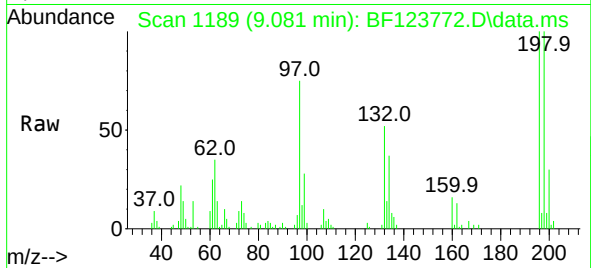




#43  
2,4,6-Trichlorophenol  
Concen: 3.71 ng  
RT: 9.081 min Scan# 1189  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

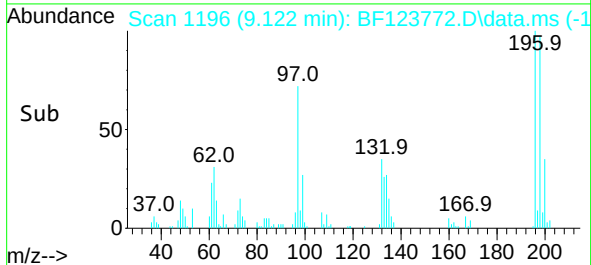
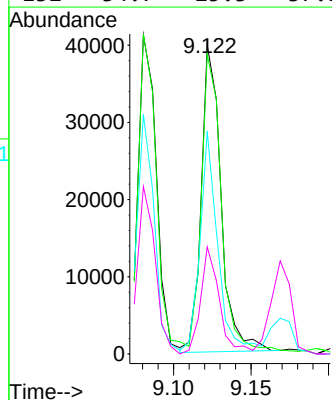
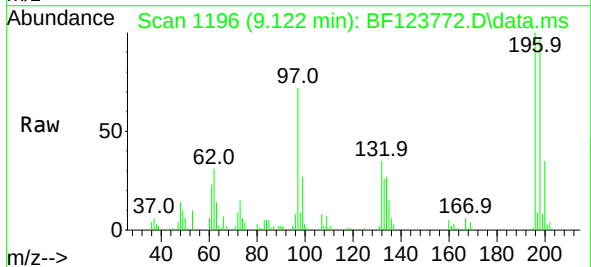
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

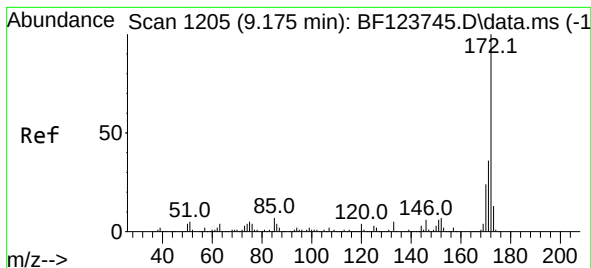
Tgt Ion:196 Resp: 34527  
Ion Ratio Lower Upper  
196 100  
198 100.3 78.2 117.2  
200 30.6 25.0 37.6



#44  
2,4,5-Trichlorophenol  
Concen: 3.52 ng  
RT: 9.122 min Scan# 1196  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:196 Resp: 35233  
Ion Ratio Lower Upper  
196 100  
198 97.0 76.5 114.7  
97 72.1 52.9 79.3  
132 34.7 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 66.95 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF123772.D

Acq: 30 Apr 2021 15:58

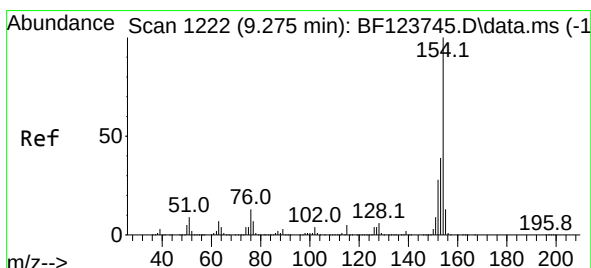
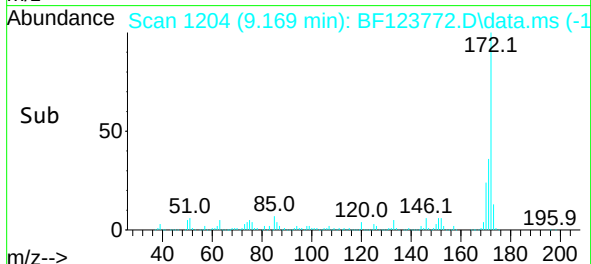
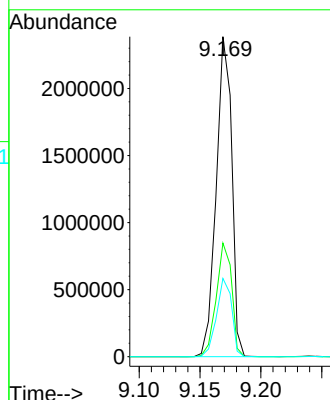
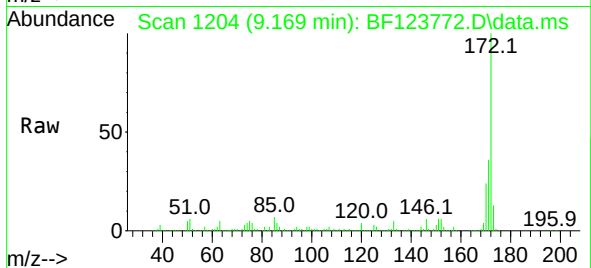
Tgt Ion:172 Resp: 2113230

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 24.4 19.2 28.8



#46

1,1'-Biphenyl

Concen: 4.75 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF123772.D

Acq: 30 Apr 2021 15:58

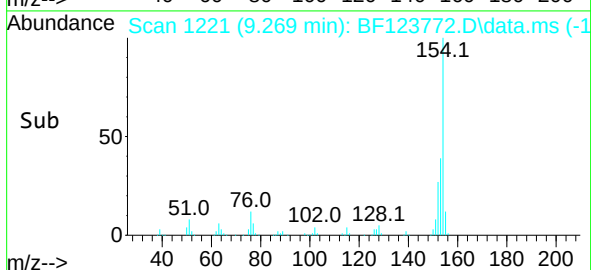
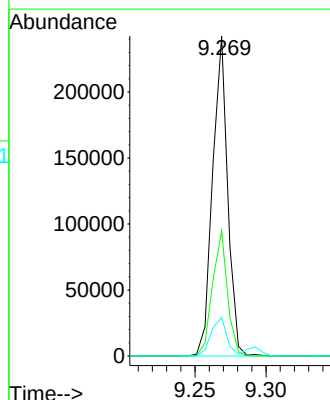
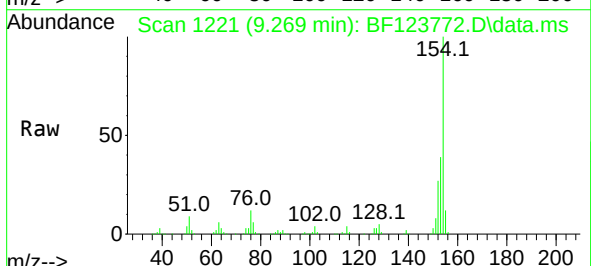
Tgt Ion:154 Resp: 179062

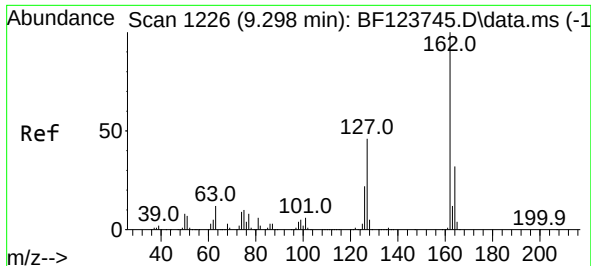
Ion Ratio Lower Upper

154 100

153 39.1 20.7 60.7

76 12.0 0.0 31.7

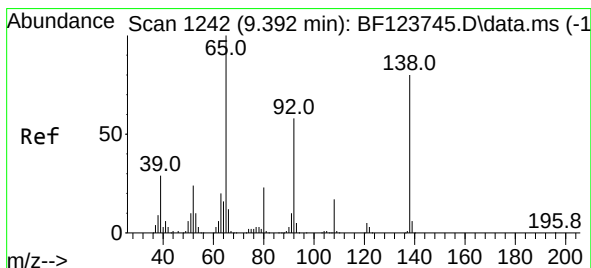
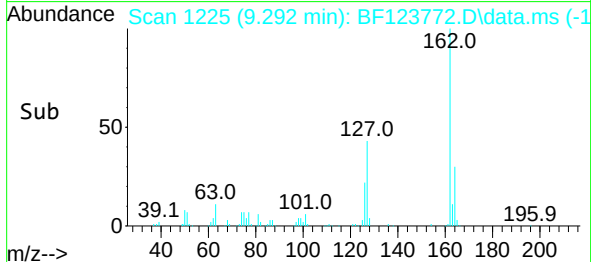
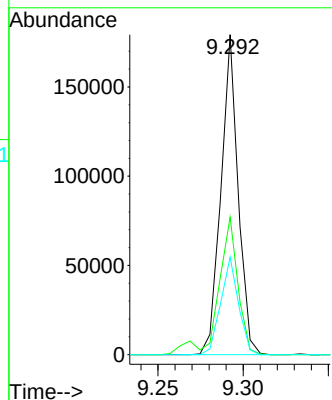
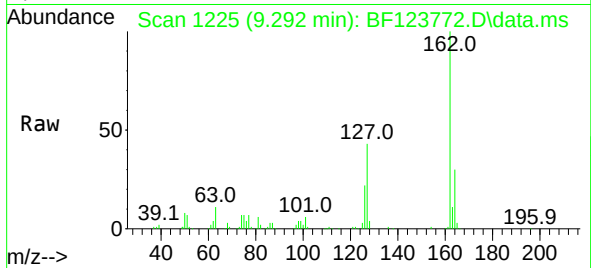




#47  
2-Chloronaphthalene  
Concen: 4.42 ng  
RT: 9.292 min Scan# 1225  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

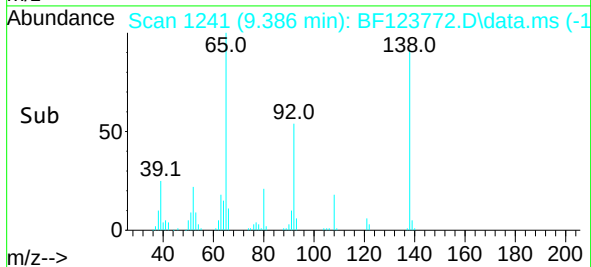
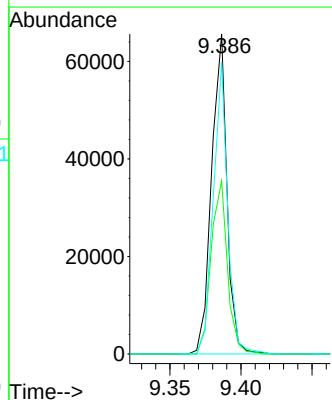
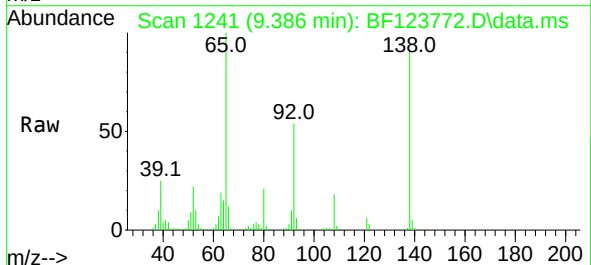
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

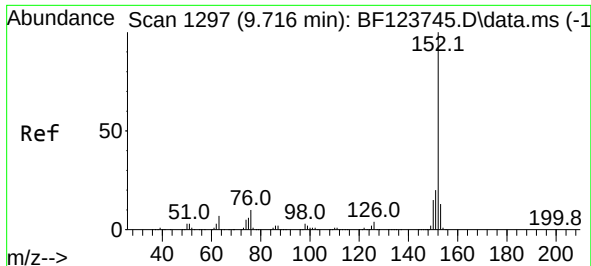
Tgt Ion:162 Resp: 125607  
Ion Ratio Lower Upper  
162 100  
127 43.0 36.2 54.2  
164 30.5 25.4 38.2



#48  
2-Nitroaniline  
Concen: 3.95 ng  
RT: 9.386 min Scan# 1241  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion: 65 Resp: 49365  
Ion Ratio Lower Upper  
65 100  
92 54.0 47.1 70.7  
138 91.2 70.2 105.2





#49

Acenaphthylene

Concen: 4.44 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF123772.D

Acq: 30 Apr 2021 15:58

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2021

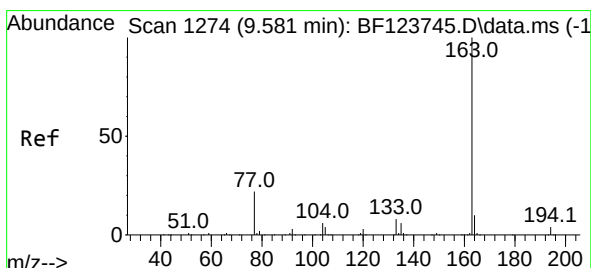
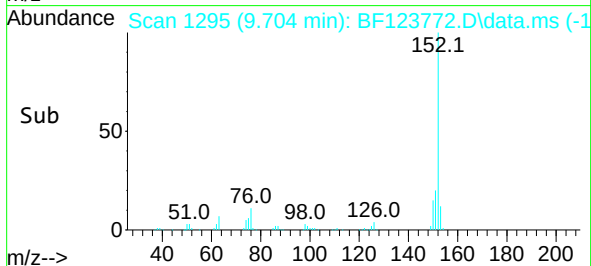
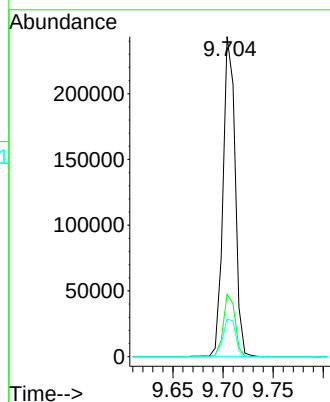
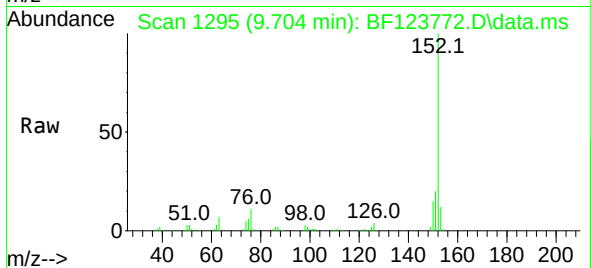
Tgt Ion:152 Resp: 203341

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

153 11.9 10.4 15.6



#50

Dimethylphthalate

Concen: 4.33 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.018 min

Lab File: BF123772.D

Acq: 30 Apr 2021 15:58

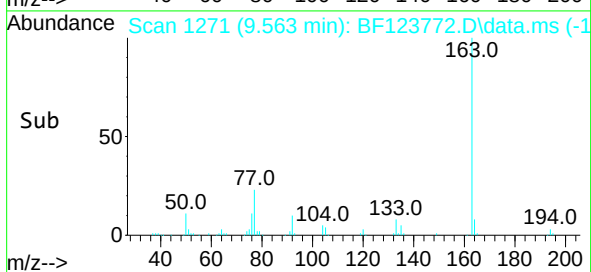
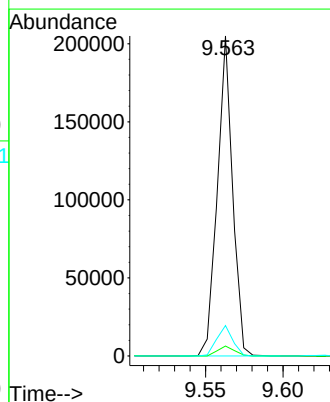
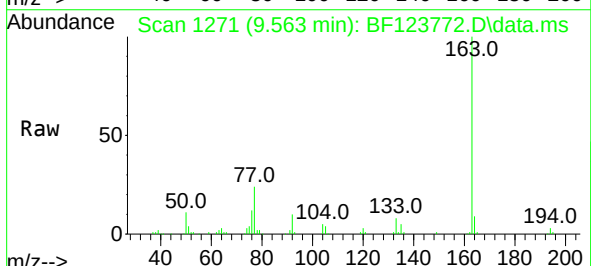
Tgt Ion:163 Resp: 140117

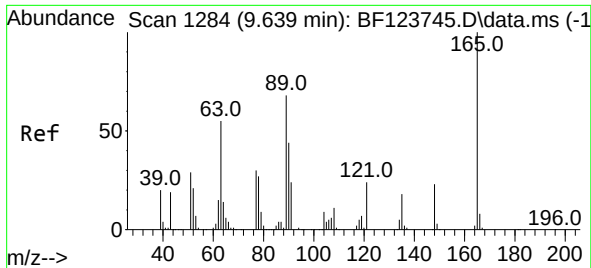
Ion Ratio Lower Upper

163 100

194 3.1 3.1 4.7#

164 9.5 8.2 12.2

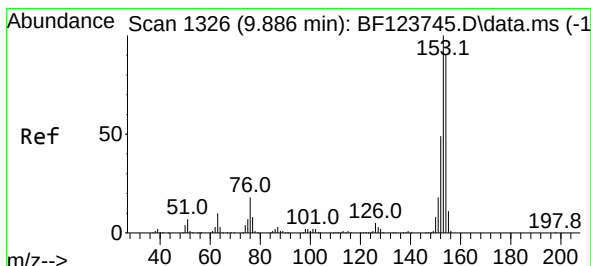
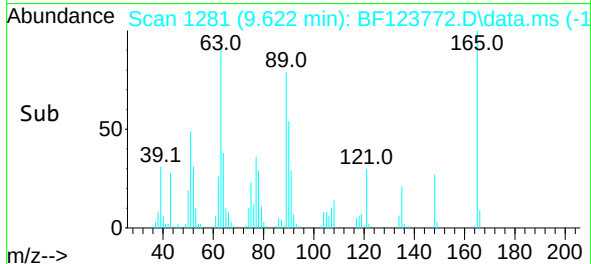
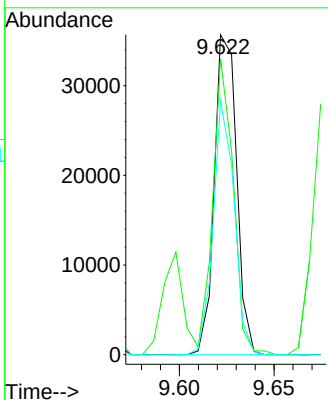
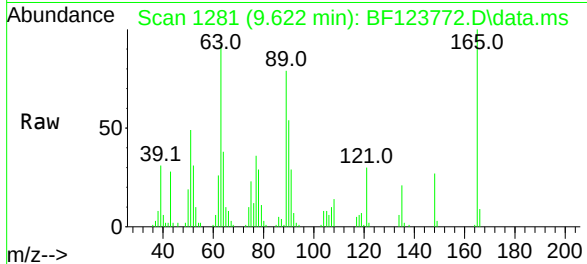




#51  
2,6-Dinitrotoluene  
Concen: 3.90 ng  
RT: 9.622 min Scan# 1281  
Delta R.T. -0.018 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

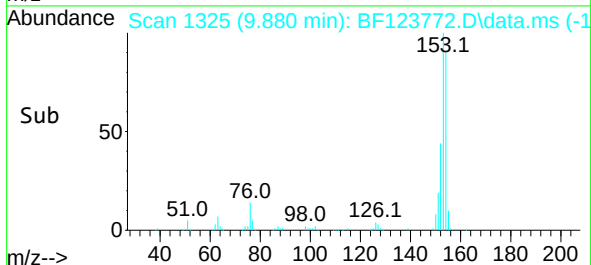
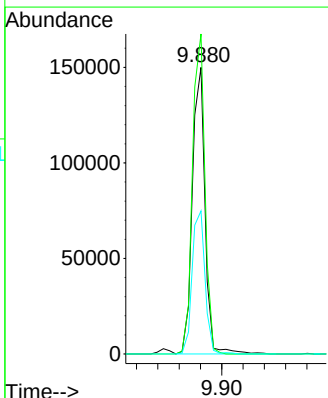
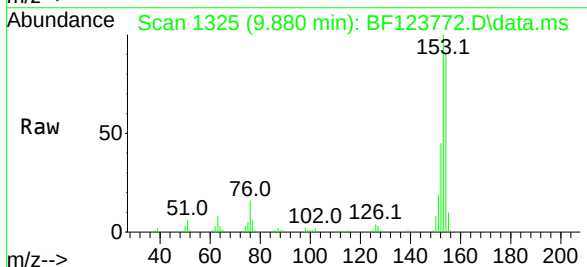
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

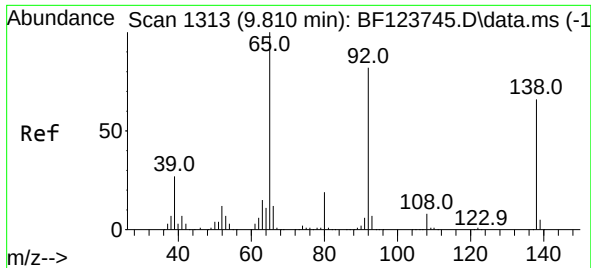
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:165 | Resp: | 29209      |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 92.5  | 67.7 101.5 |
| 89          | 79.3  | 58.8 88.2  |



#52  
Acenaphthene  
Concen: 4.45 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:154 | Resp: | 124337     |
| Ion Ratio   | Lower | Upper      |
| 154         | 100   |            |
| 153         | 111.6 | 88.1 132.1 |
| 152         | 49.9  | 43.4 65.0  |

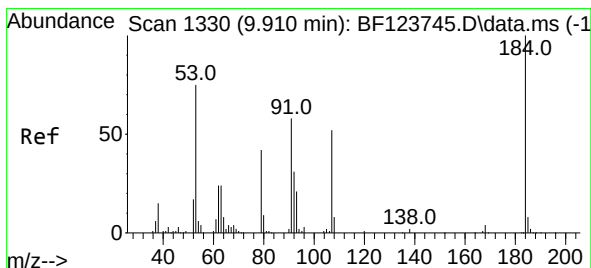
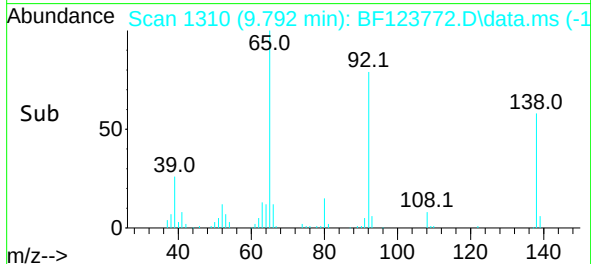
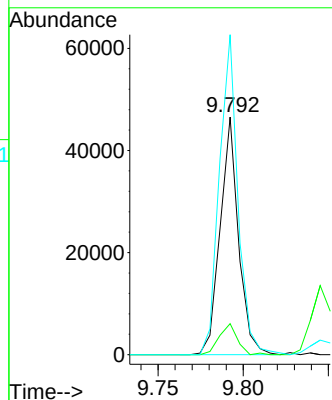
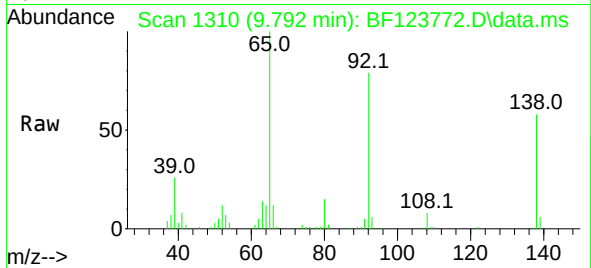




#53  
3-Nitroaniline  
Concen: 3.91 ng  
RT: 9.792 min Scan# 1310  
Delta R.T. -0.018 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

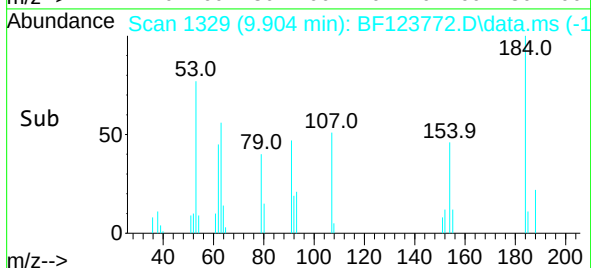
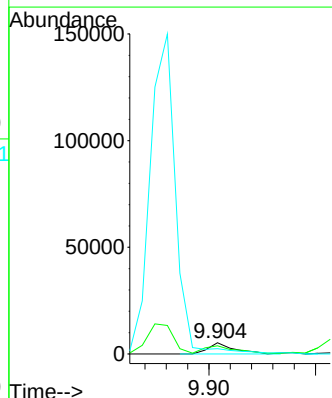
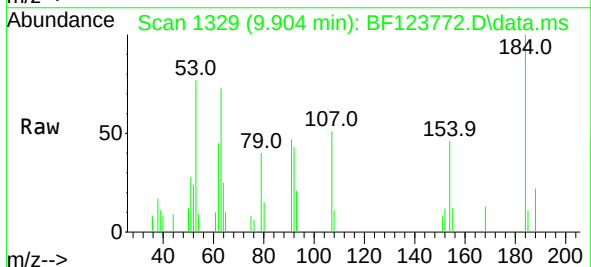
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

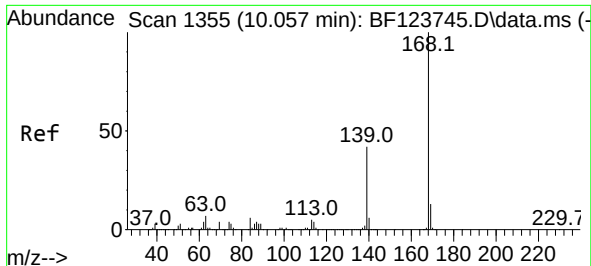
Tgt Ion:138 Resp: 34954  
Ion Ratio Lower Upper  
138 100  
108 13.0 10.2 15.4  
92 134.7 103.3 154.9



#54  
2,4-Dinitrophenol  
Concen: 1.14 ng  
RT: 9.904 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

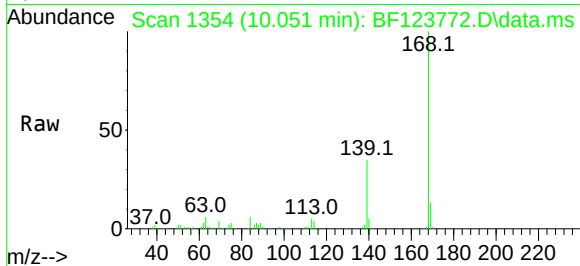
Tgt Ion:184 Resp: 4515  
Ion Ratio Lower Upper  
184 100  
63 72.7 73.5 110.3#  
154 46.3 52.5 78.7#



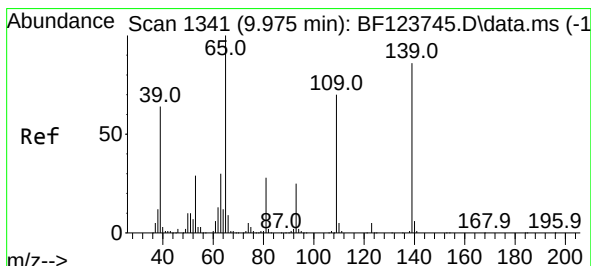
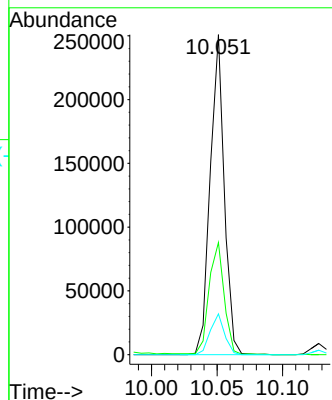
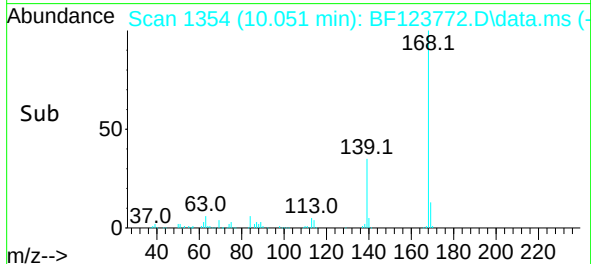


#55  
Dibenzenofuran  
Concen: 4.44 ng  
RT: 10.051 min Scan# 1354  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

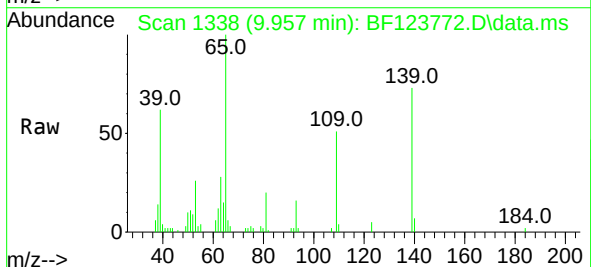
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021



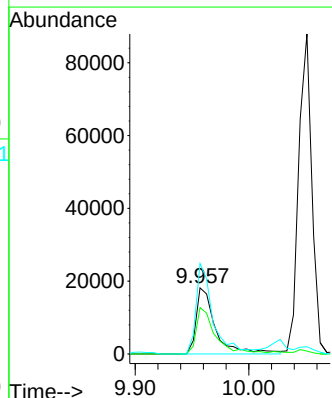
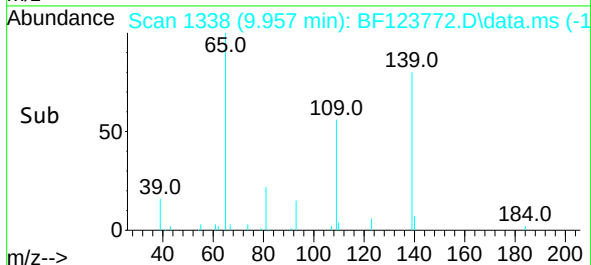
Tgt Ion:168 Resp: 187574  
Ion Ratio Lower Upper  
168 100  
139 35.0 33.2 49.8  
169 12.7 10.8 16.2

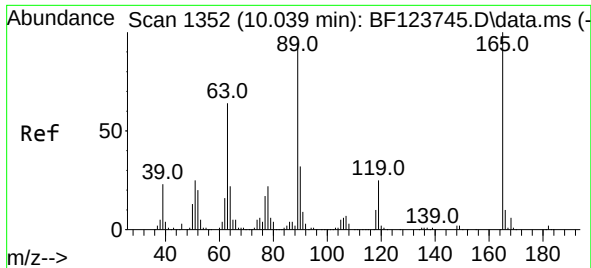


#56  
4-Nitrophenol  
Concen: 3.32 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.018 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58



Tgt Ion:139 Resp: 21645  
Ion Ratio Lower Upper  
139 100  
109 70.2 63.2 103.2  
65 136.6 110.0 150.0

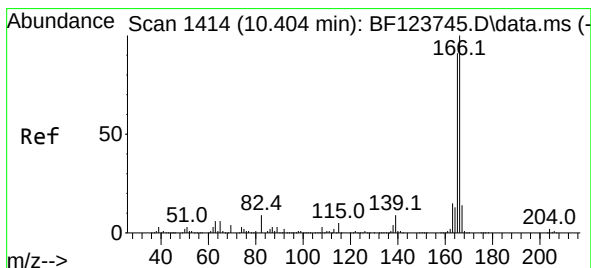
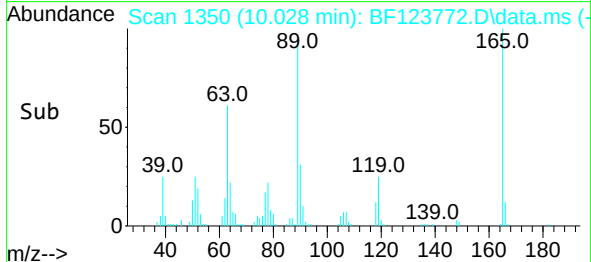
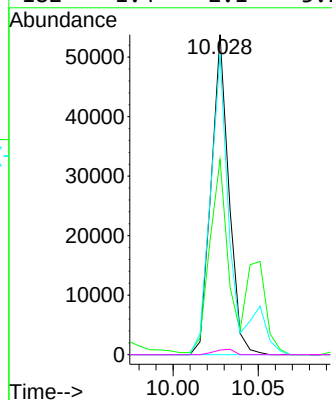
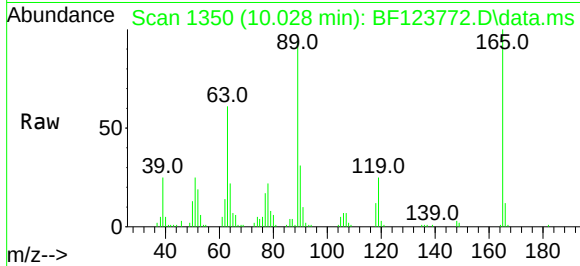




#57  
2,4-Dinitrotoluene  
Concen: 3.82 ng  
RT: 10.028 min Scan# 1350  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

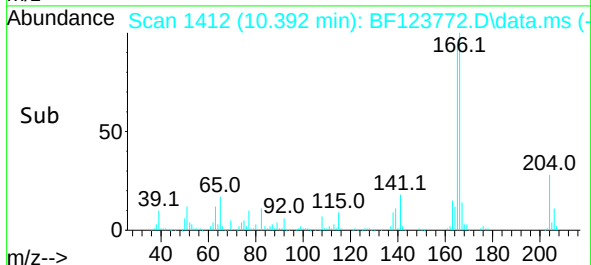
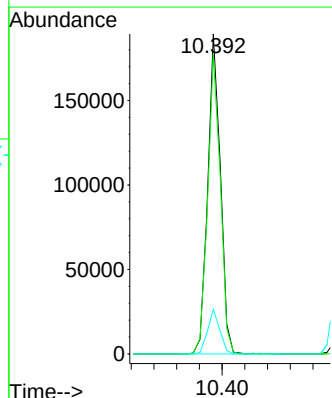
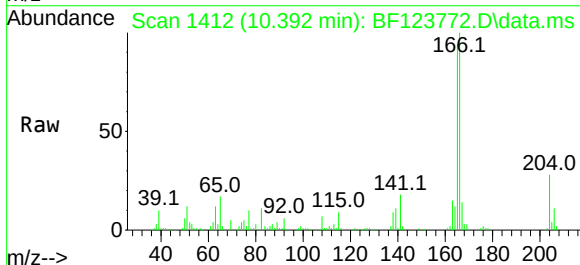
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:165 | Resp: | 39012      |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 61.1  | 43.5 65.3  |
| 89          | 93.8  | 67.7 101.5 |
| 182         | 1.4   | 2.1 3.1#   |

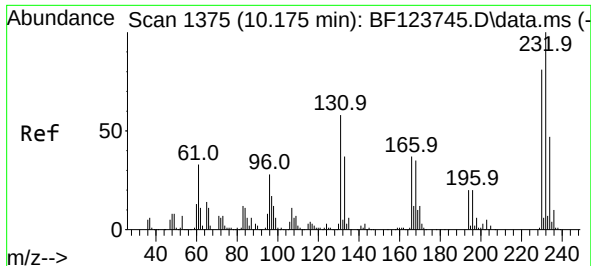


#58  
Fluorene  
Concen: 4.49 ng  
RT: 10.392 min Scan# 1412  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 145825     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 93.6  | 73.5 110.3 |
| 167         | 14.0  | 10.7 16.1  |



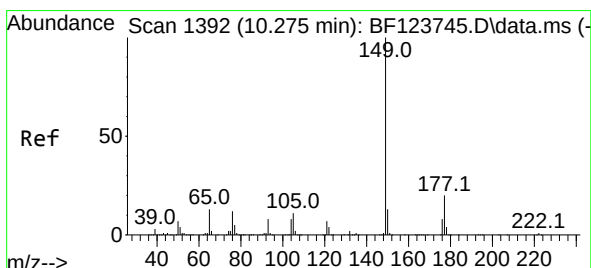
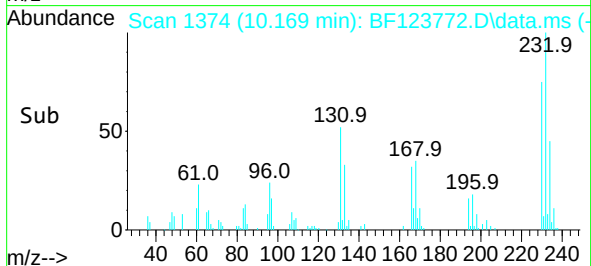
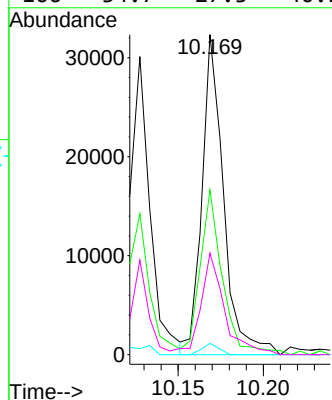
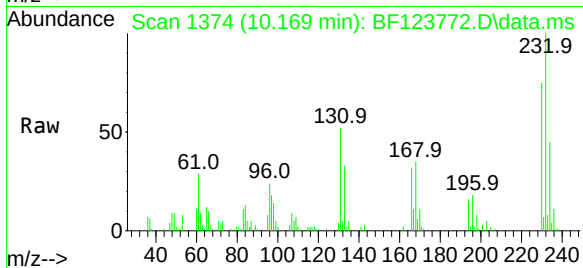




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.58 ng  
RT: 10.169 min Scan# 1374  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

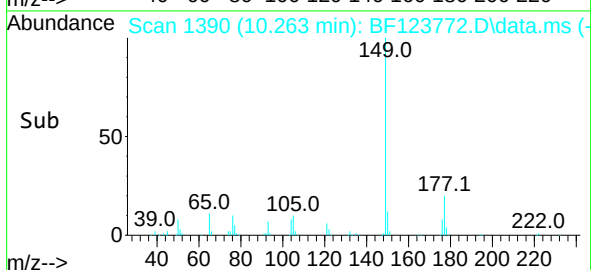
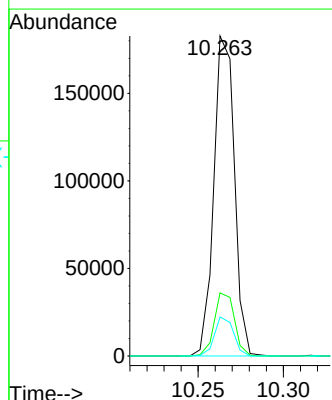
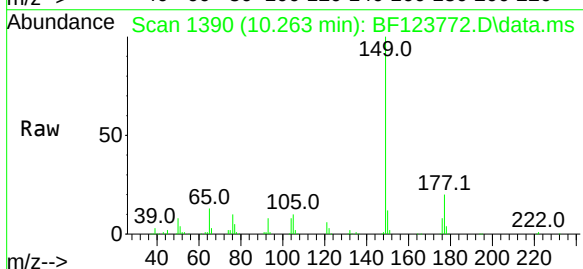
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

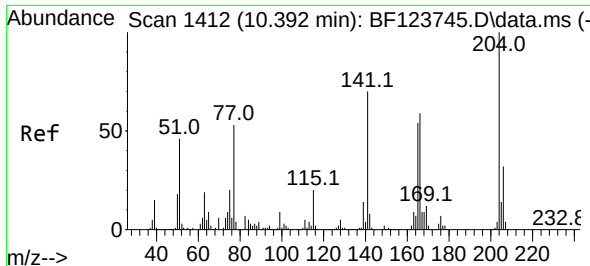
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 28375     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 53.2  | 43.2 64.8 |
| 130         | 2.7   | 2.2 3.2   |
| 166         | 34.7  | 27.3 40.9 |



#60  
Diethylphthalate  
Concen: 4.47 ng  
RT: 10.263 min Scan# 1390  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 153925    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 19.7  | 15.4 23.2 |
| 150         | 12.2  | 9.9 14.9  |

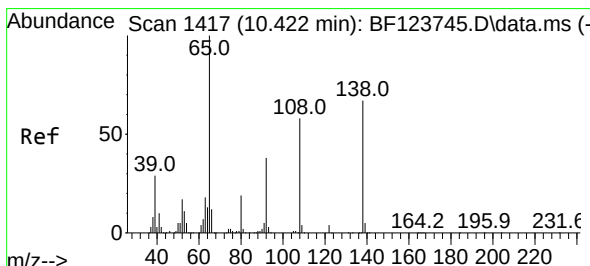
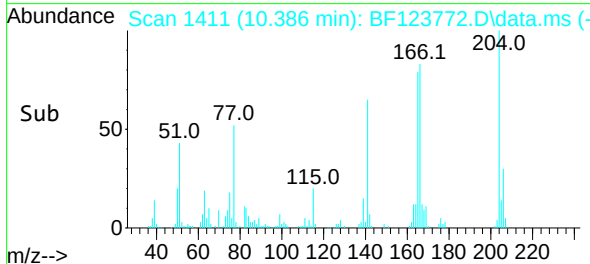
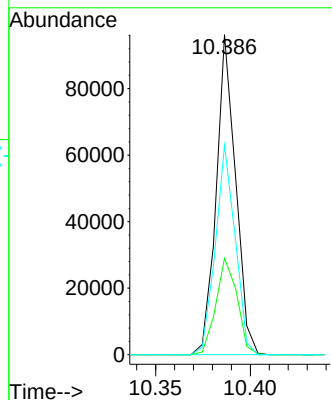
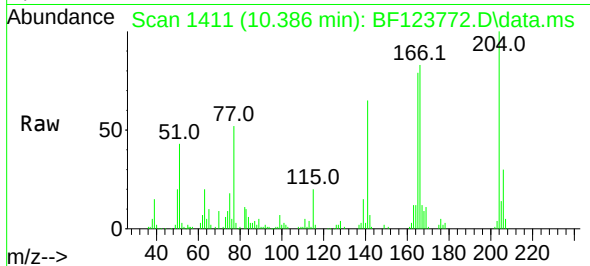




#61  
4-Chlorophenyl-phenylether  
Concen: 4.54 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

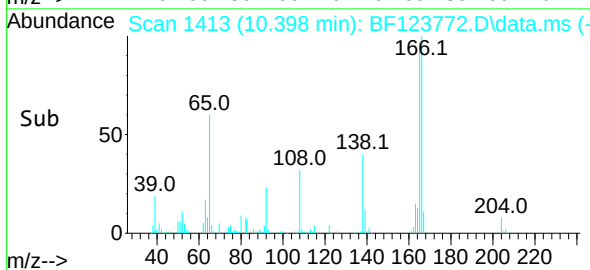
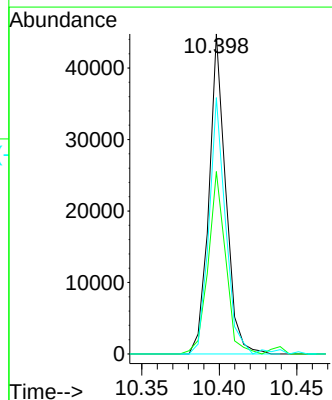
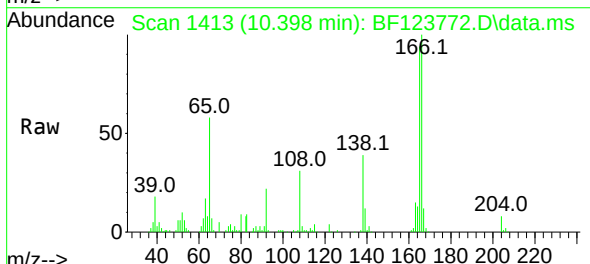
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

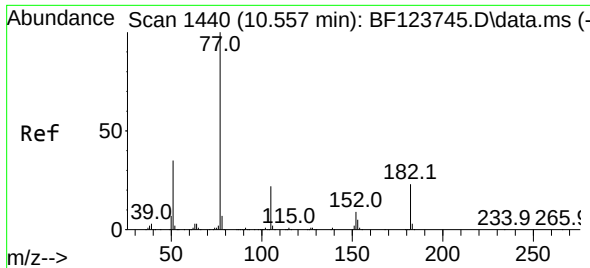
Tgt Ion:204 Resp: 68634  
Ion Ratio Lower Upper  
204 100  
206 30.2 25.7 38.5  
141 65.5 55.5 83.3



#62  
4-Nitroaniline  
Concen: 3.80 ng  
RT: 10.398 min Scan# 1413  
Delta R.T. -0.024 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:138 Resp: 33699  
Ion Ratio Lower Upper  
138 100  
92 57.0 35.8 75.8  
108 80.1 63.6 103.6



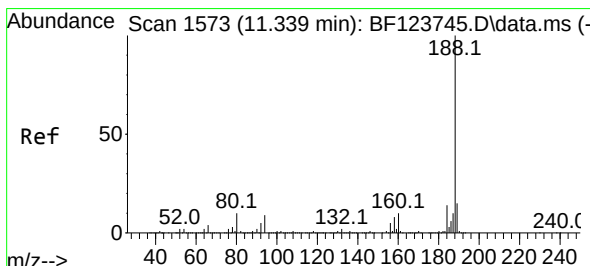
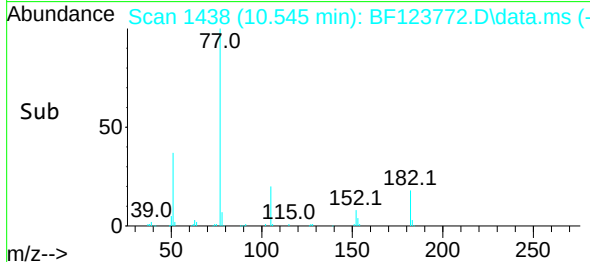
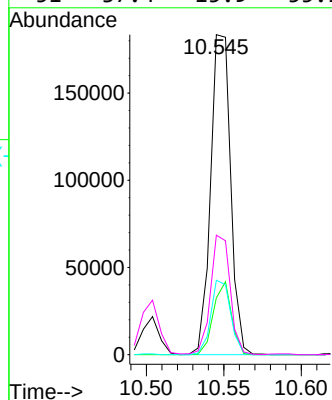
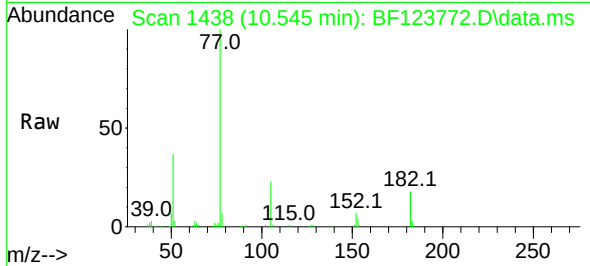


#63  
Azobenzene  
Concen: 4.16 ng  
RT: 10.545 min Scan# 1438  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

Tgt Ion: 77 Resp: 164937

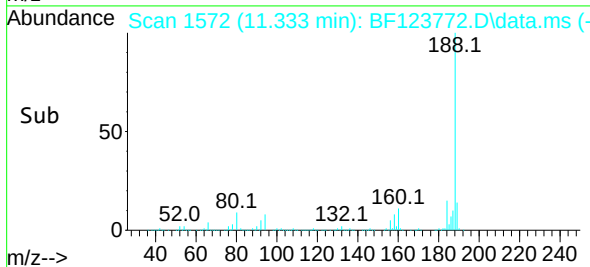
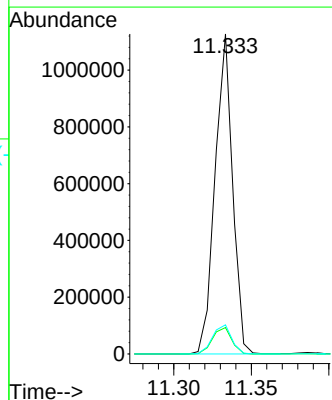
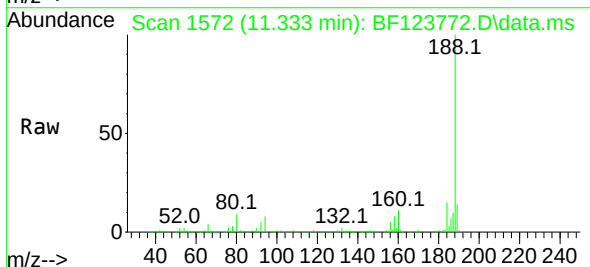
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 17.7  | 1.7   | 41.7  |
| 105 | 23.3  | 1.7   | 41.7  |
| 51  | 37.4  | 15.9  | 55.9  |

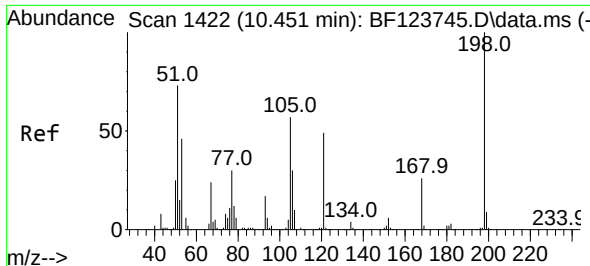


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion: 188 Resp: 885971

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.3   | 6.9   | 10.3  |
| 80  | 9.1   | 8.2   | 12.2  |

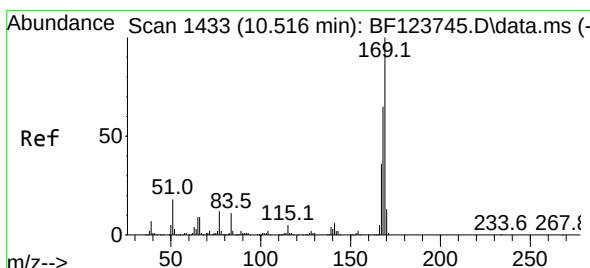
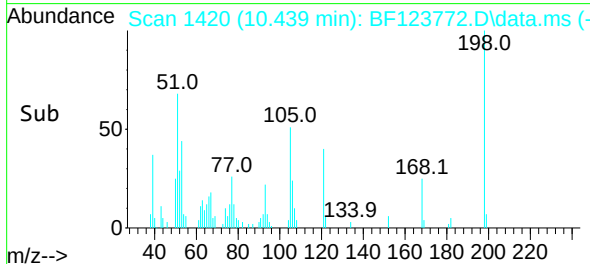
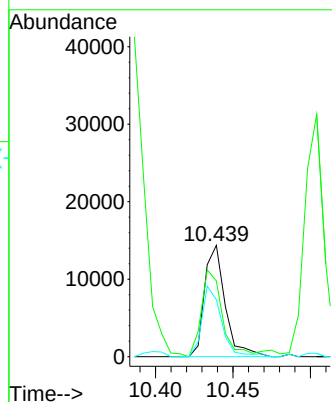
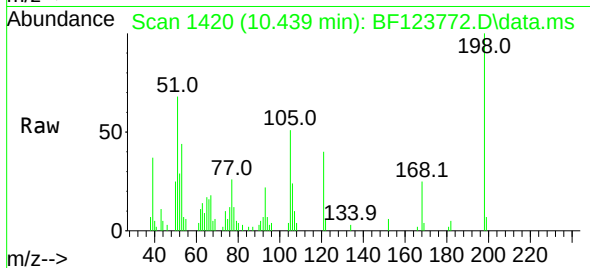




#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.42 ng  
RT: 10.439 min Scan# 1420  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

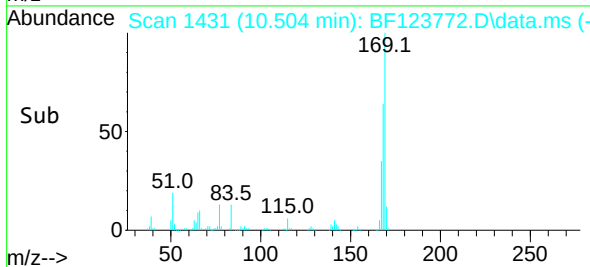
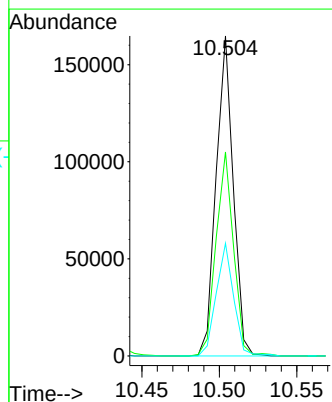
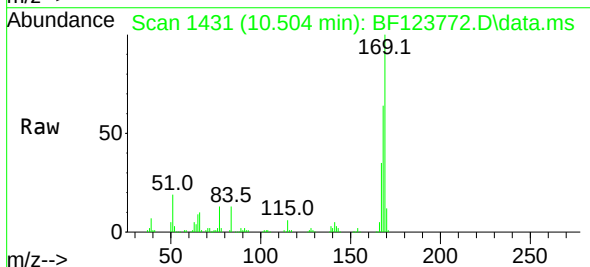
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

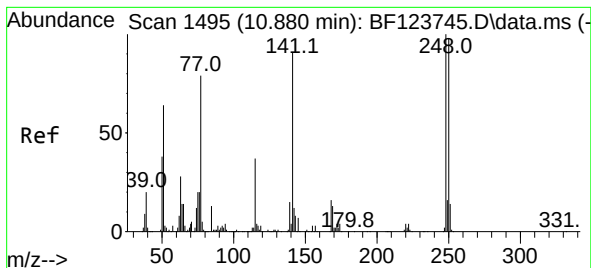
Tgt Ion:198 Resp: 13286  
Ion Ratio Lower Upper  
198 100  
51 68.0 64.8 104.8  
105 51.2 42.6 82.6



#66  
n-Nitrosodiphenylamine  
Concen: 4.37 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:169 Resp: 126682  
Ion Ratio Lower Upper  
169 100  
168 63.8 53.3 79.9  
167 35.2 29.9 44.9

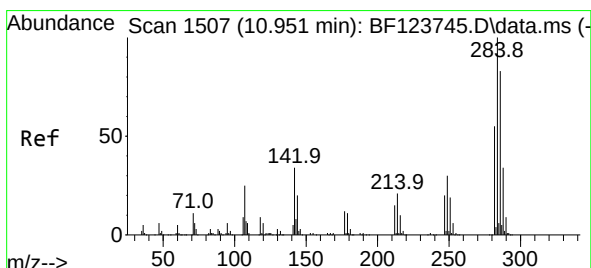
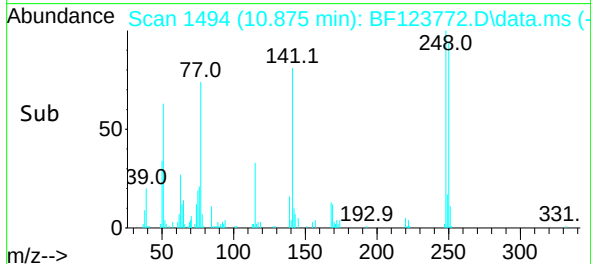
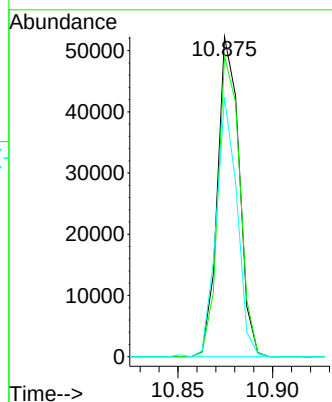
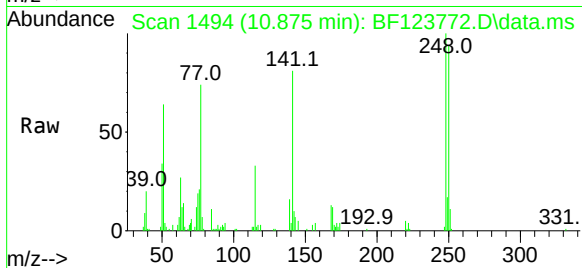




#67  
4-Bromophenyl-phenylether  
Concen: 4.47 ng  
RT: 10.875 min Scan# 1494  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

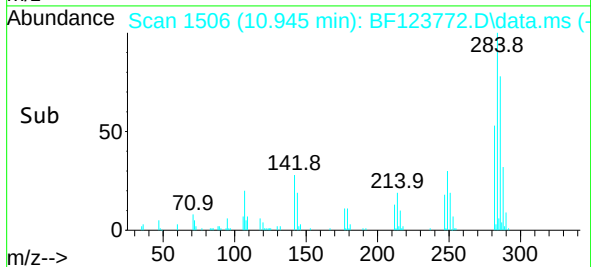
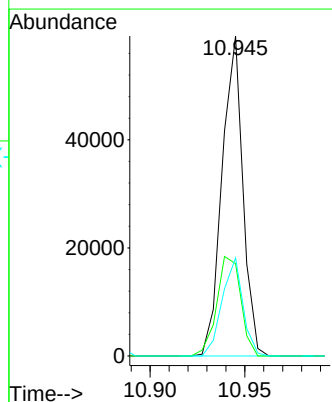
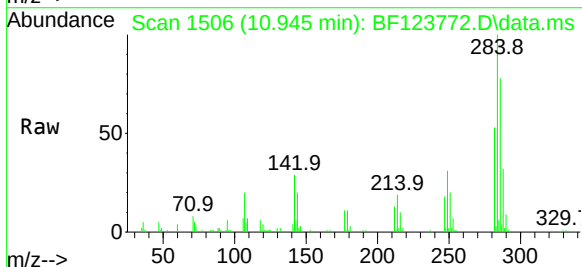
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

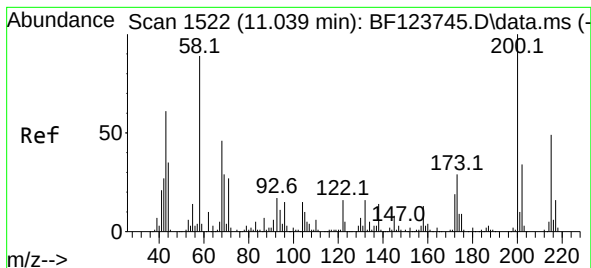
Tgt Ion:248 Resp: 41661  
Ion Ratio Lower Upper  
248 100  
250 93.9 77.4 116.2  
141 81.1 63.7 95.5



#68  
Hexachlorobenzene  
Concen: 4.26 ng  
RT: 10.945 min Scan# 1506  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:284 Resp: 45262  
Ion Ratio Lower Upper  
284 100  
142 28.9 28.3 42.5  
249 30.7 23.5 35.3





#69

Atrazine

Concen: 4.34 ng

RT: 11.027 min Scan# 1520

Delta R.T. -0.012 min

Lab File: BF123772.D

Acq: 30 Apr 2021 15:58

Tgt Ion:200 Resp: 38015

Ion Ratio Lower Upper

200 100

173 26.8 6.9 46.9

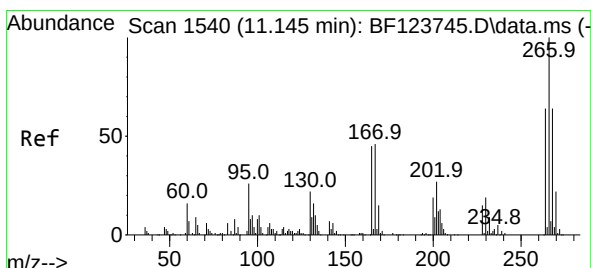
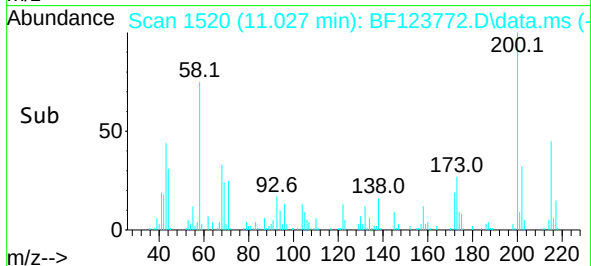
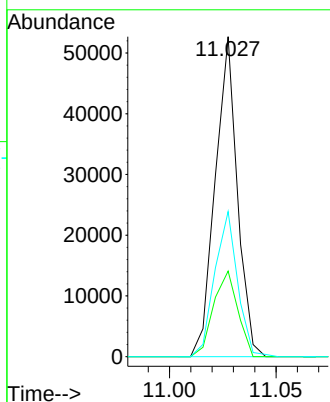
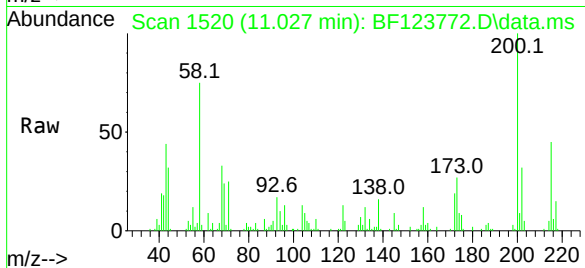
215 45.3 26.5 66.5

Instrument :

BNA\_F

ClientSampleId :

LOQ-WATER-02-QT1-2021



#70

Pentachlorophenol

Concen: 2.23 ng

RT: 11.139 min Scan# 1539

Delta R.T. -0.006 min

Lab File: BF123772.D

Acq: 30 Apr 2021 15:58

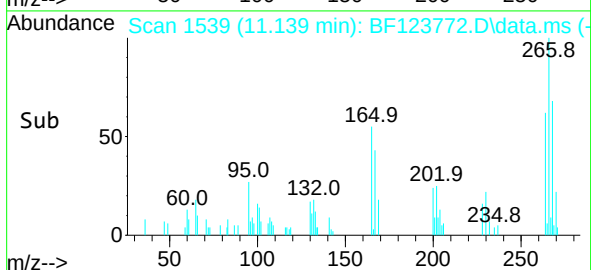
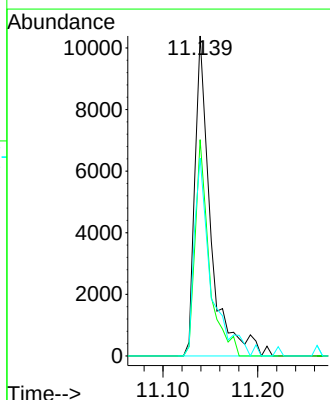
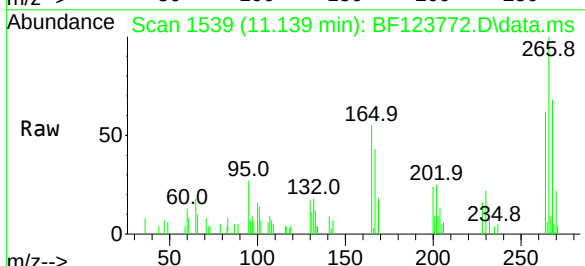
Tgt Ion:266 Resp: 12076

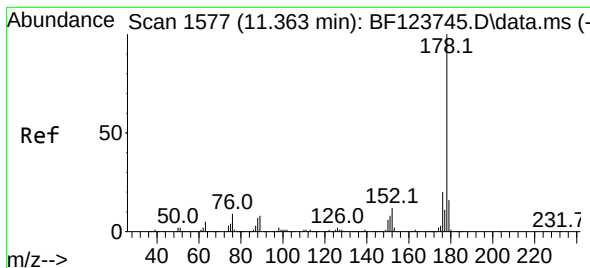
Ion Ratio Lower Upper

266 100

268 72.3 51.6 77.4

264 61.9 52.6 78.8

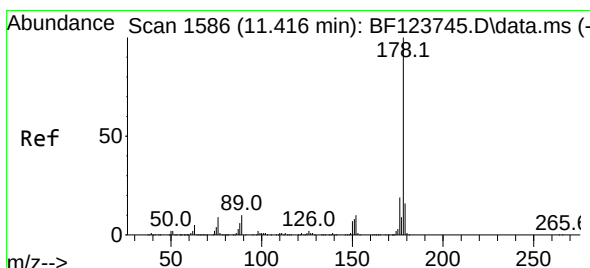
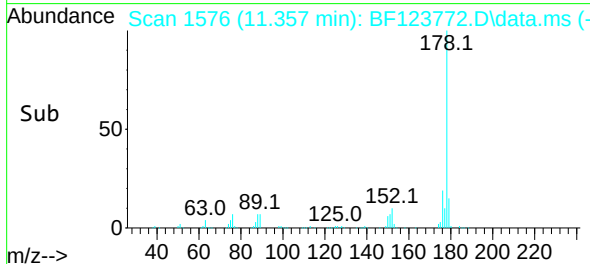
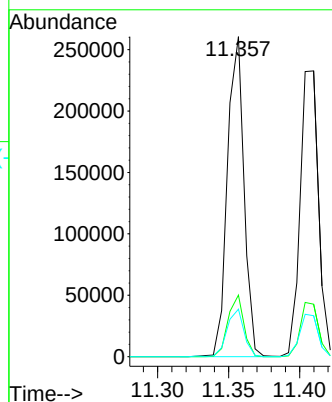
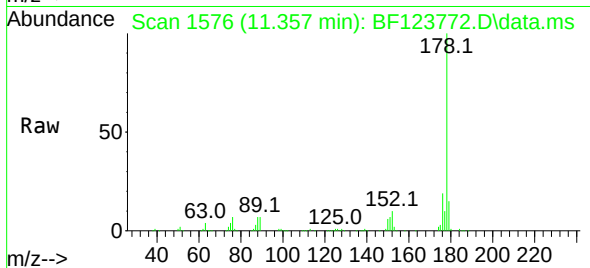




#71  
Phenanthrene  
Concen: 4.54 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

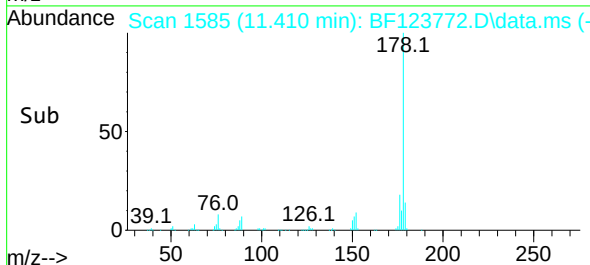
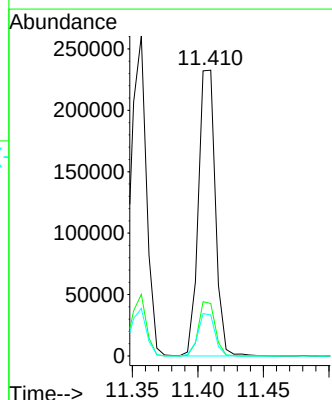
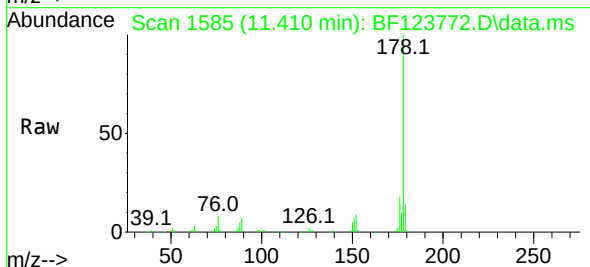
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

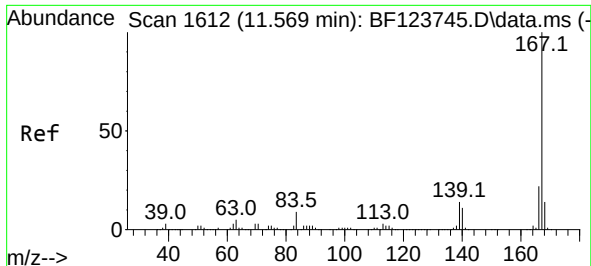
Tgt Ion:178 Resp: 210853  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.6 23.4  
179 14.9 12.5 18.7



#72  
Anthracene  
Concen: 4.55 ng  
RT: 11.410 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:178 Resp: 210281  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.4 23.0  
179 14.3 12.6 18.8

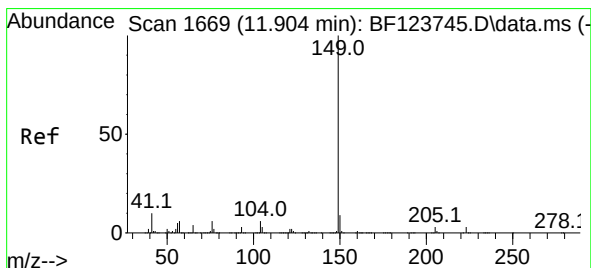
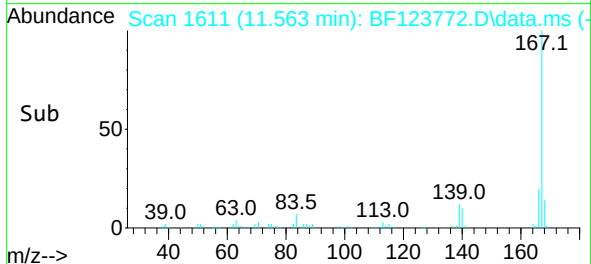
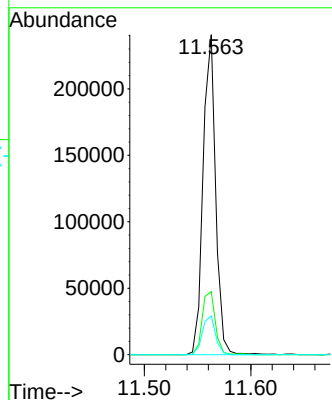
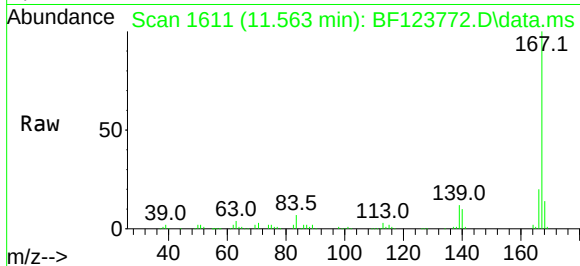




#73  
 Carbazole  
 Concen: 4.23 ng  
 RT: 11.563 min Scan# 1611  
 Delta R.T. -0.006 min  
 Lab File: BF123772.D  
 Acq: 30 Apr 2021 15:58

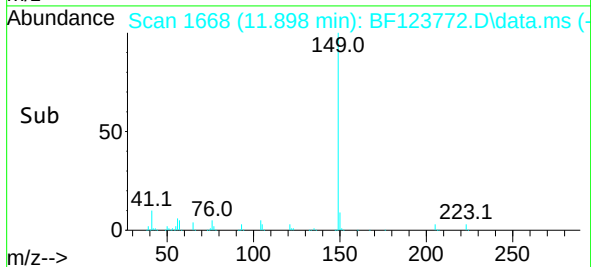
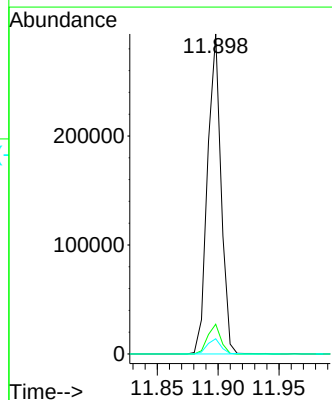
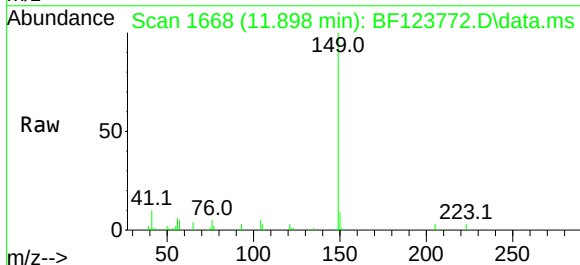
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021

Tgt Ion:167 Resp: 197761  
 Ion Ratio Lower Upper  
 167 100  
 166 19.7 17.0 25.6  
 139 12.1 10.4 15.6

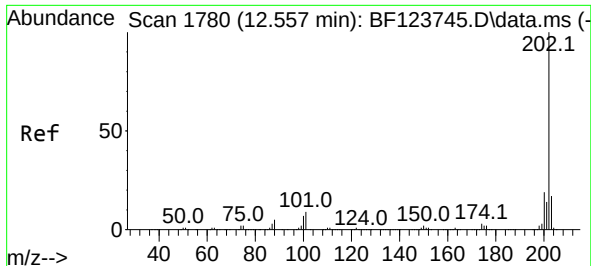


#74  
 Di-n-butylphthalate  
 Concen: 4.32 ng  
 RT: 11.898 min Scan# 1668  
 Delta R.T. -0.006 min  
 Lab File: BF123772.D  
 Acq: 30 Apr 2021 15:58

Tgt Ion:149 Resp: 226254  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.8 11.8  
 104 4.7 4.6 6.8



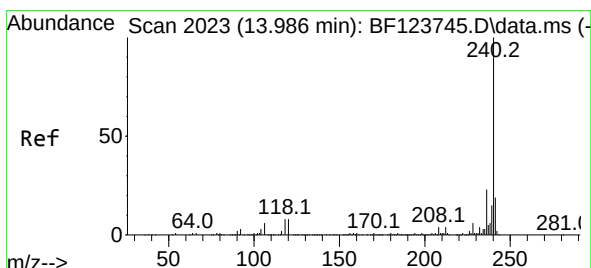
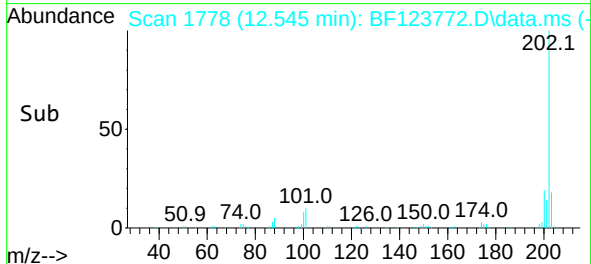
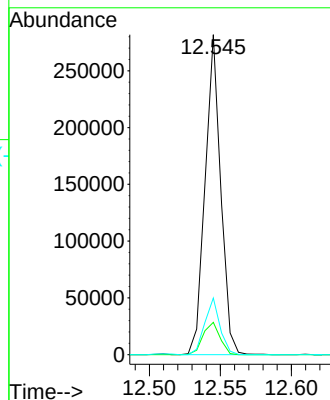
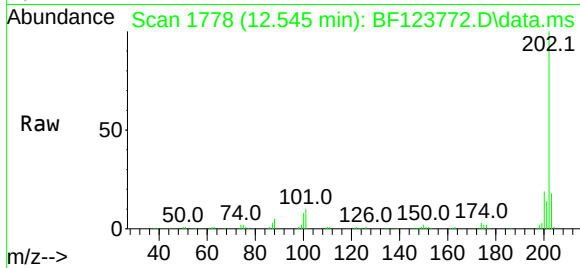




#75  
Fluoranthene  
Concen: 4.26 ng  
RT: 12.545 min Scan# 1778  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

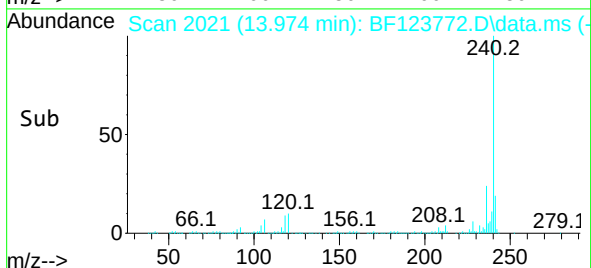
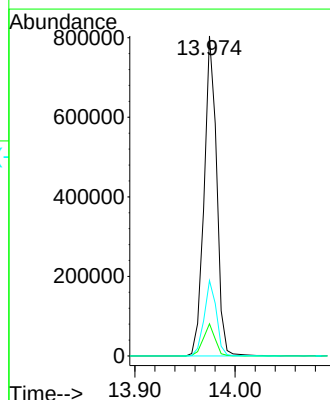
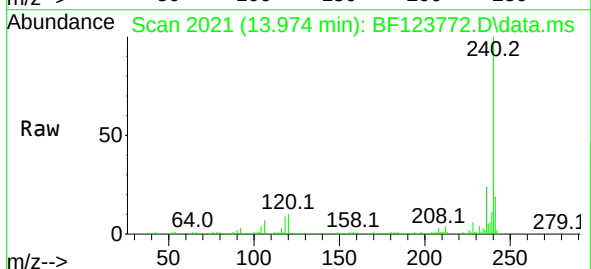
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

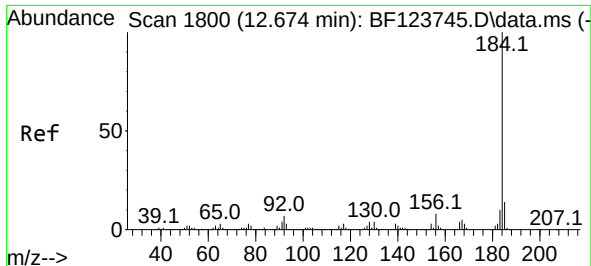
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:202 | Resp: | 215677   |
| Ion Ratio   | Lower | Upper    |
| 202         | 100   |          |
| 101         | 10.1  | 0.0 30.9 |
| 203         | 17.7  | 0.0 37.5 |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 701747    |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 10.1  | 7.2 10.8  |
| 236         | 23.6  | 19.0 28.4 |

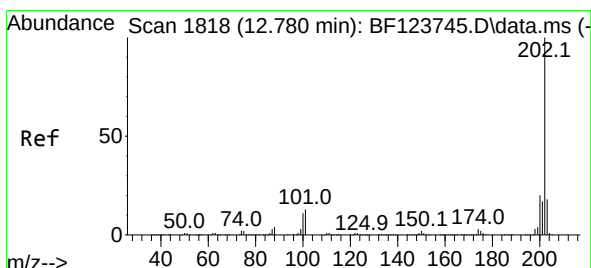
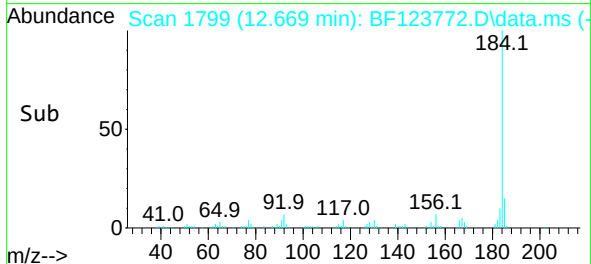
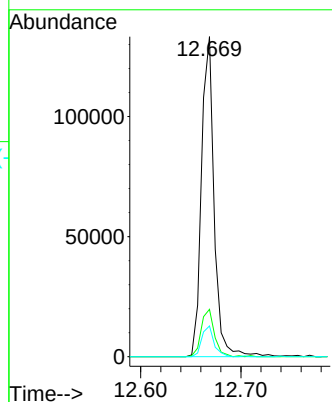
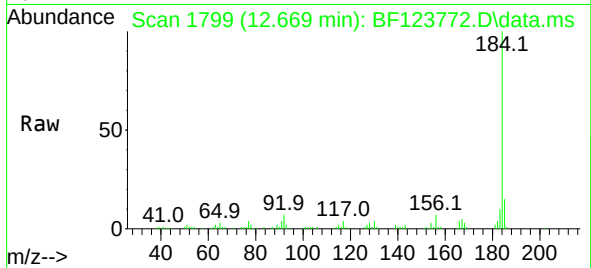




#77  
Benzidine  
Concen: 6.46 ng  
RT: 12.669 min Scan# 1799  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

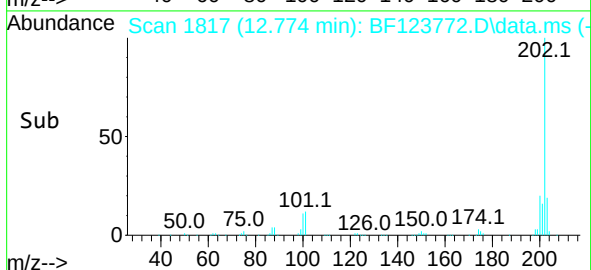
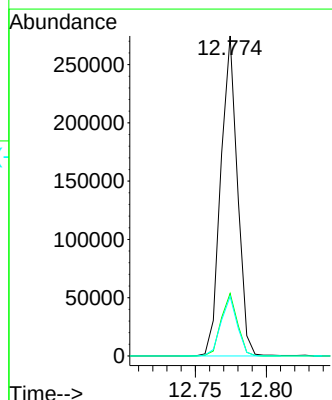
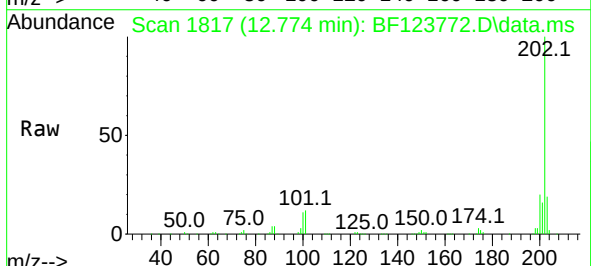
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

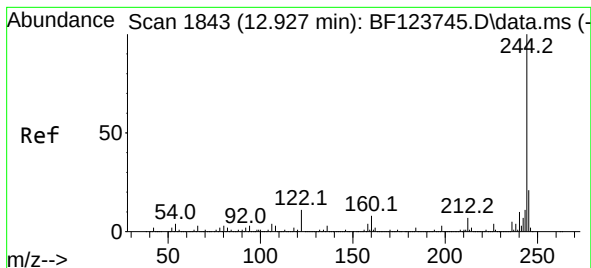
Tgt Ion:184 Resp: 117446  
Ion Ratio Lower Upper  
184 100  
185 14.8 12.1 18.1  
183 9.6 7.8 11.8



#78  
Pyrene  
Concen: 4.11 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:202 Resp: 223667  
Ion Ratio Lower Upper  
202 100  
200 19.6 16.1 24.1  
203 18.6 14.8 22.2





#79

Terphenyl-d14

Concen: 65.38 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF123772.D

Acq: 30 Apr 2021 15:58

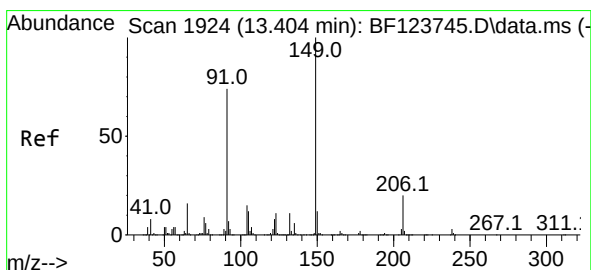
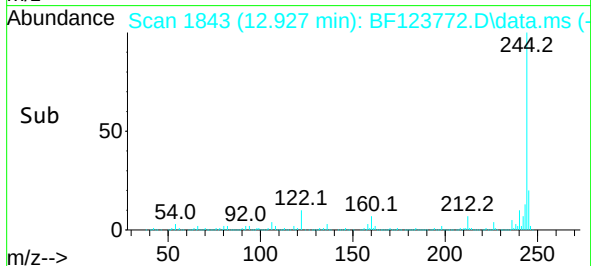
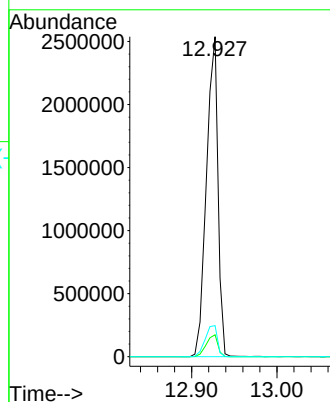
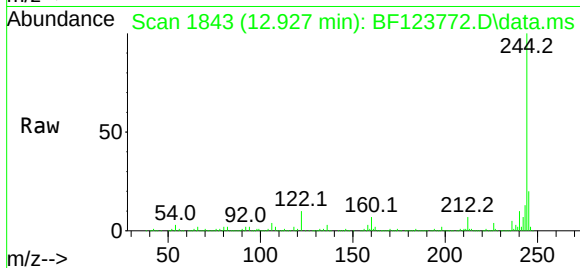
Tgt Ion:244 Resp: 2382516

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 9.7 9.7 14.5



#80

Butylbenzylphthalate

Concen: 3.56 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.006 min

Lab File: BF123772.D

Acq: 30 Apr 2021 15:58

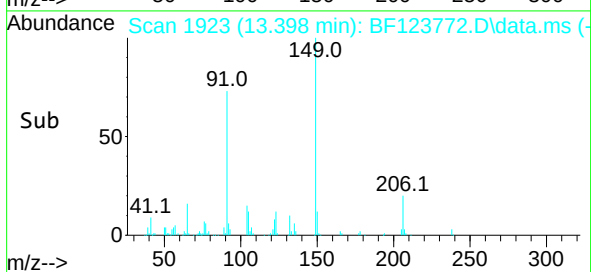
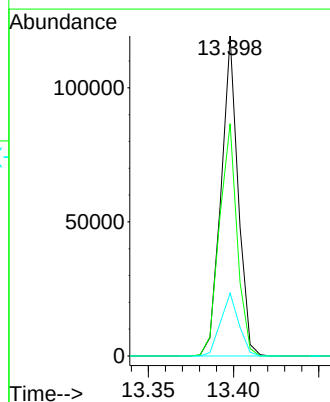
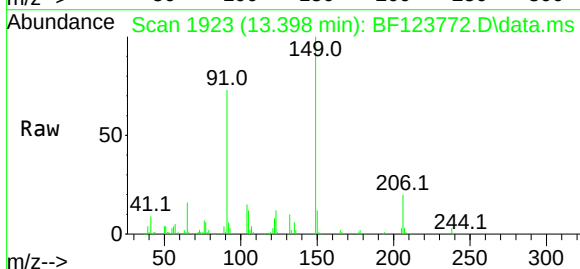
Tgt Ion:149 Resp: 82871

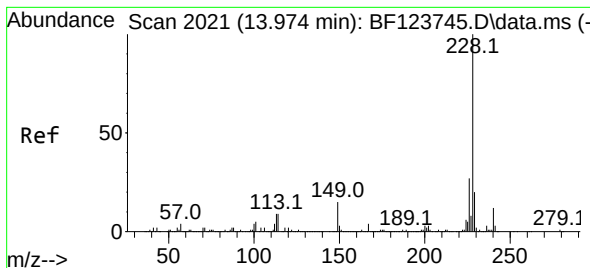
Ion Ratio Lower Upper

149 100

91 72.6 63.6 95.4

206 19.6 14.5 21.7

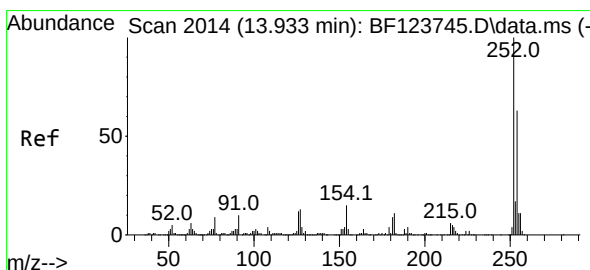
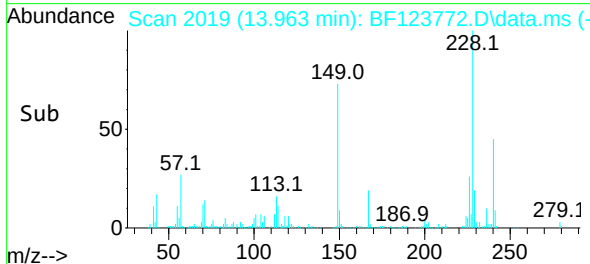
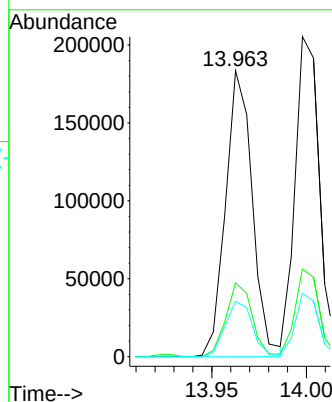
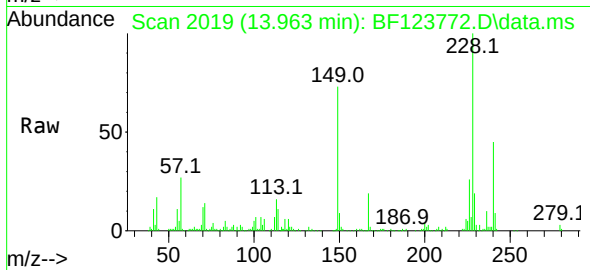




#81  
Benzo(a)anthracene  
Concen: 4.24 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

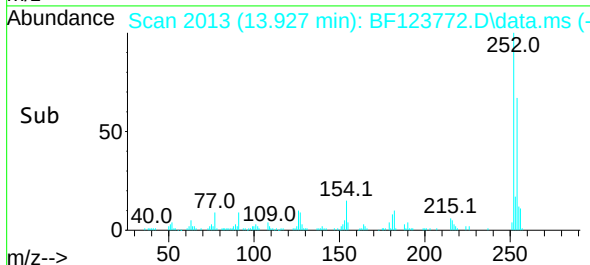
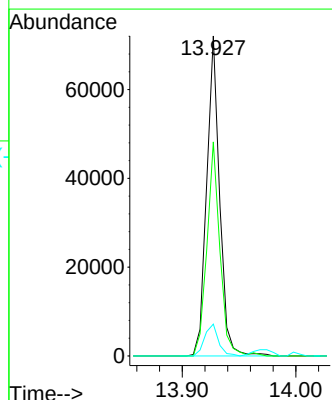
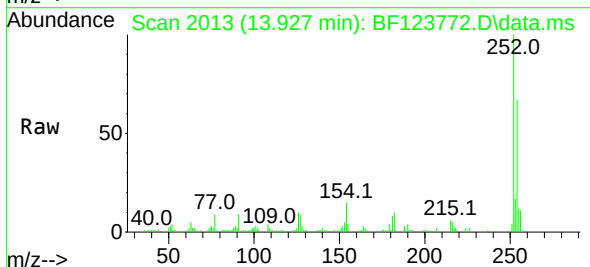
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

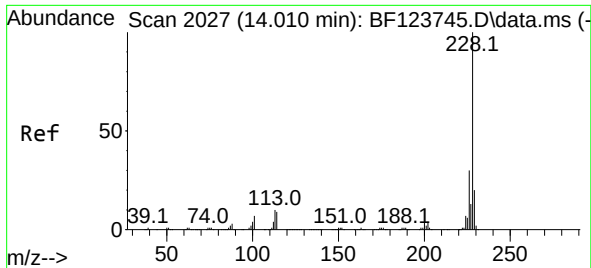
Tgt Ion:228 Resp: 180403  
Ion Ratio Lower Upper  
228 100  
226 25.8 22.4 33.6  
229 19.4 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 4.36 ng  
RT: 13.927 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:252 Resp: 56962  
Ion Ratio Lower Upper  
252 100  
254 66.9 51.1 76.7  
126 10.0 7.7 11.5

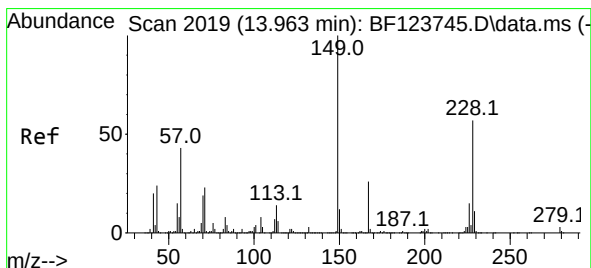
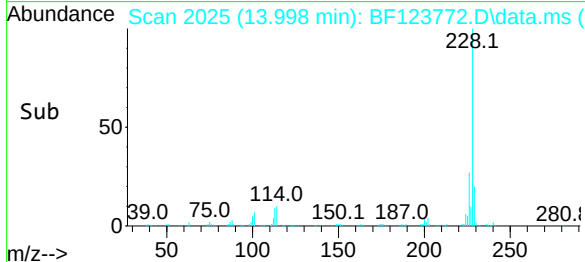
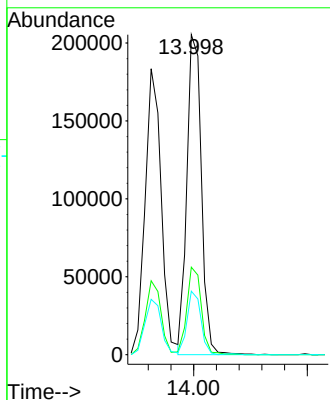
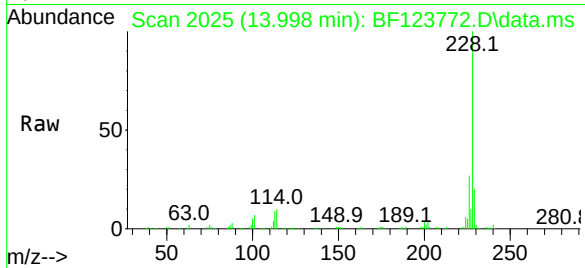




#83  
Chrysene  
Concen: 4.29 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

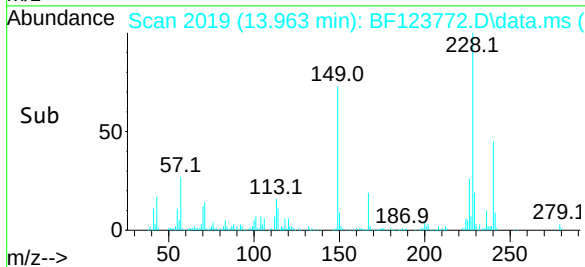
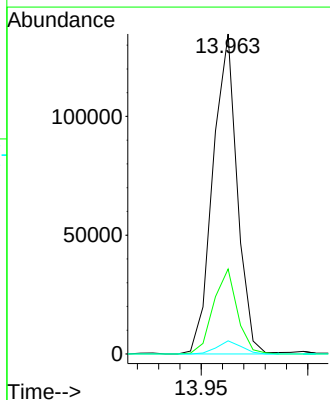
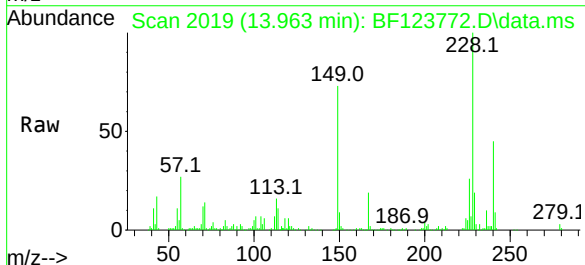
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

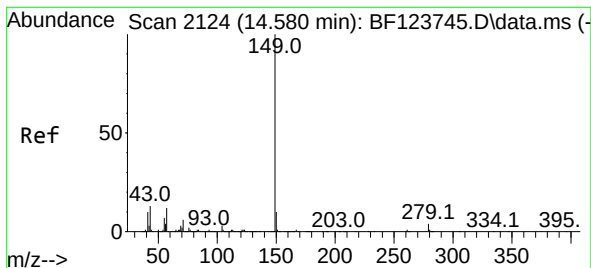
Tgt Ion:228 Resp: 183584  
Ion Ratio Lower Upper  
228 100  
226 27.4 24.3 36.5  
229 19.8 16.2 24.2



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.70 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:149 Resp: 106942  
Ion Ratio Lower Upper  
149 100  
167 26.6 21.8 32.6  
279 4.1 3.3 4.9

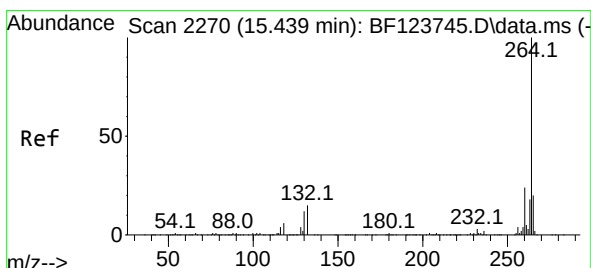
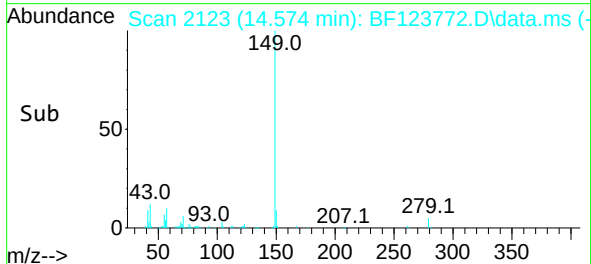
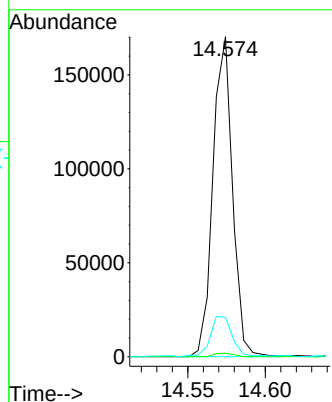
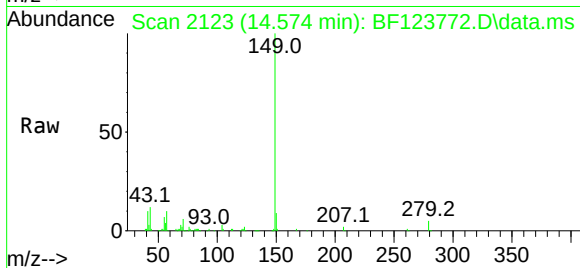




#85  
Di-n-octyl phthalate  
Concen: 3.23 ng  
RT: 14.574 min Scan# 2123  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

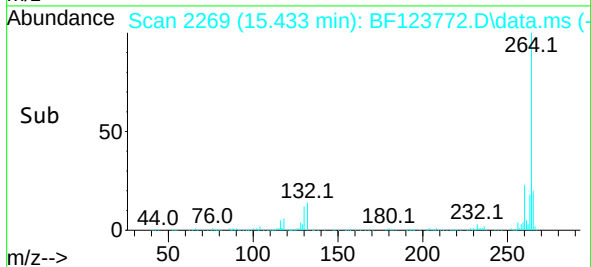
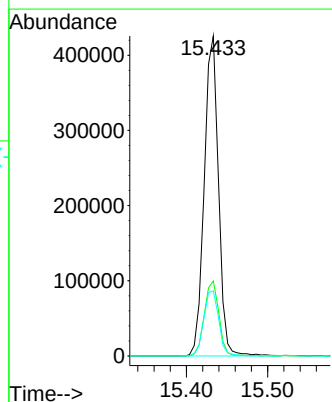
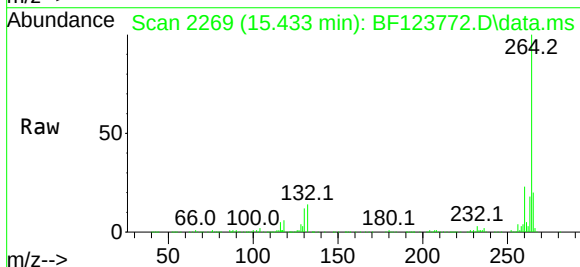
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

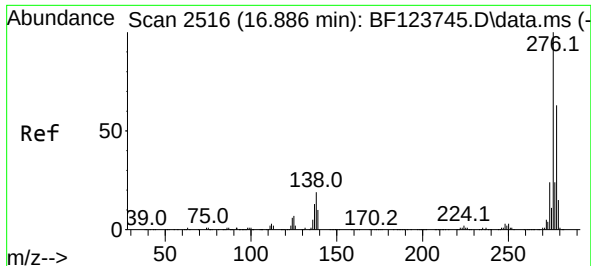
Tgt Ion:149 Resp: 149392  
Ion Ratio Lower Upper  
149 100  
167 1.1 1.2 1.8#  
43 14.2 11.8 17.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.433 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:264 Resp: 519263  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.7 28.1  
265 20.4 17.8 26.8

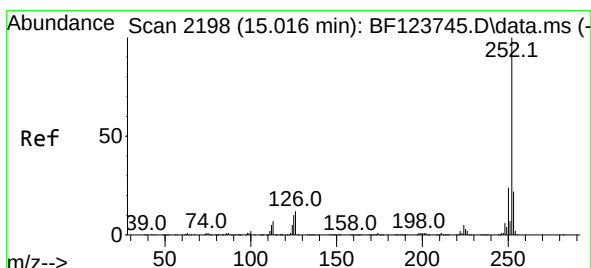
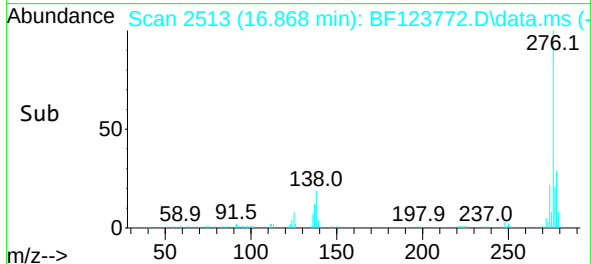
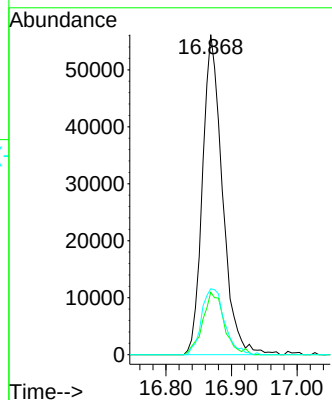
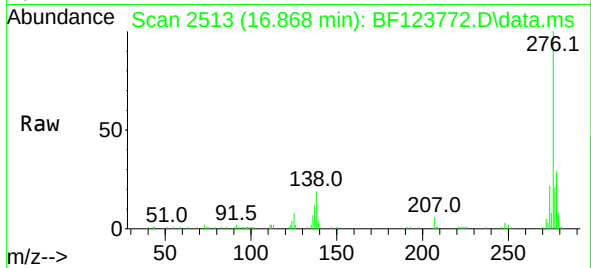




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.93 ng  
 RT: 16.868 min Scan# 2513  
 Delta R.T. -0.018 min  
 Lab File: BF123772.D  
 Acq: 30 Apr 2021 15:58

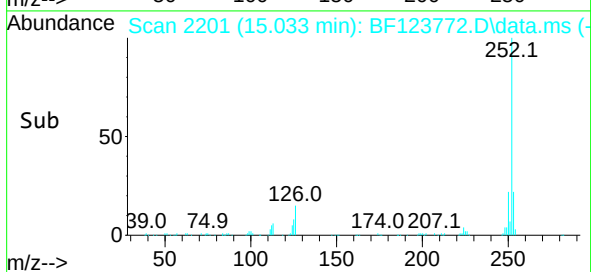
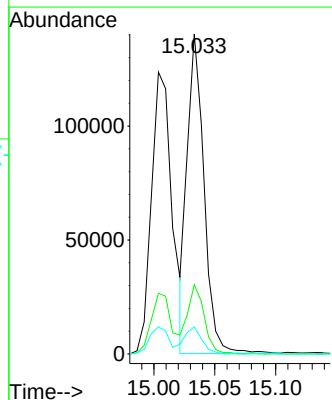
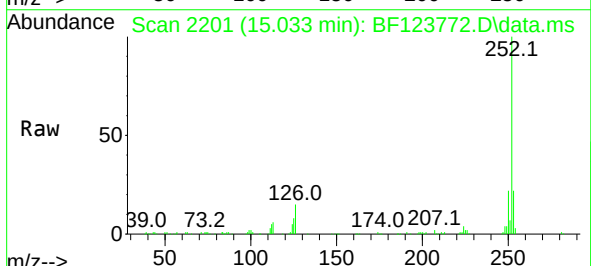
Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2021

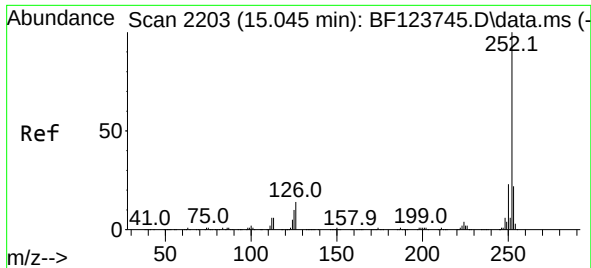
Tgt Ion:276 Resp: 118896  
 Ion Ratio Lower Upper  
 276 100  
 138 21.0 16.2 24.2  
 277 23.6 20.1 30.1



#88  
 Benzo(b)fluoranthene  
 Concen: 3.86 ng  
 RT: 15.033 min Scan# 2201  
 Delta R.T. 0.018 min  
 Lab File: BF123772.D  
 Acq: 30 Apr 2021 15:58

Tgt Ion:252 Resp: 135008  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 18.1 27.1  
 125 8.5 6.2 9.4

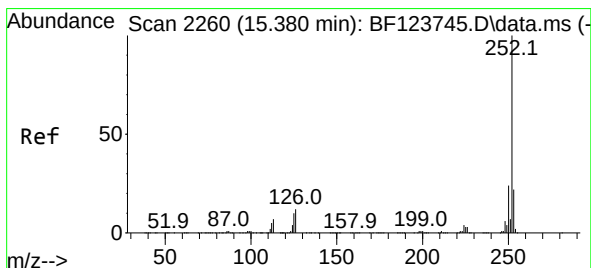
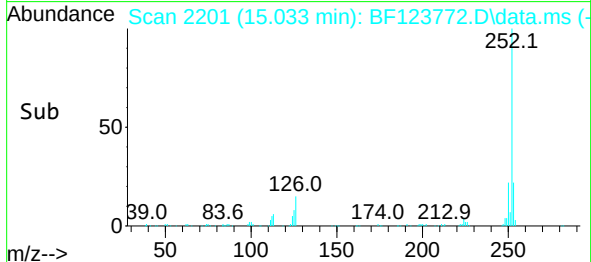
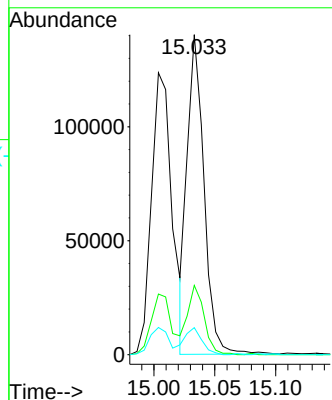
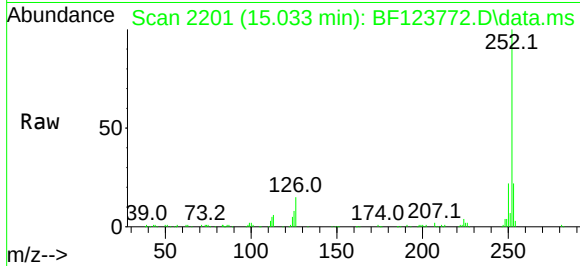




#89  
Benzo(k)fluoranthene  
Concen: 4.04 ng  
RT: 15.033 min Scan# 2201  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

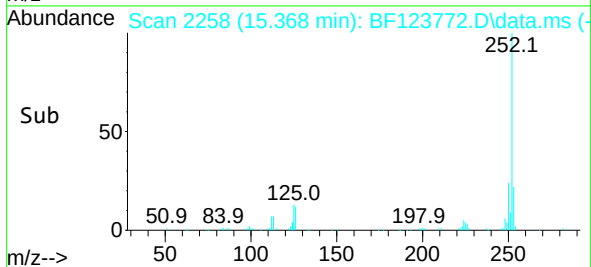
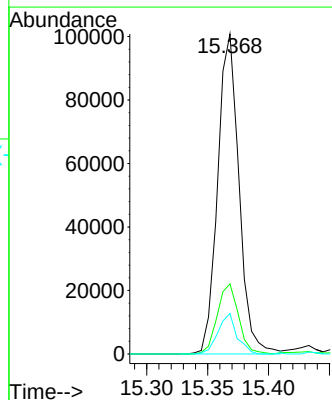
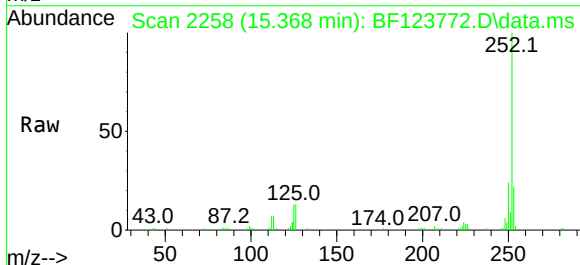
Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

Tgt Ion:252 Resp: 135008  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 8.5 7.0 10.6

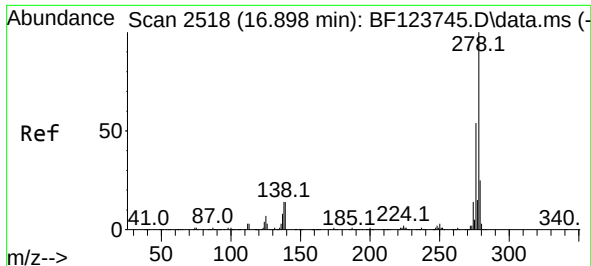


#90  
Benzo(a)pyrene  
Concen: 4.11 ng  
RT: 15.368 min Scan# 2258  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:252 Resp: 123116  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.4 27.6  
125 12.7 8.0 12.0#



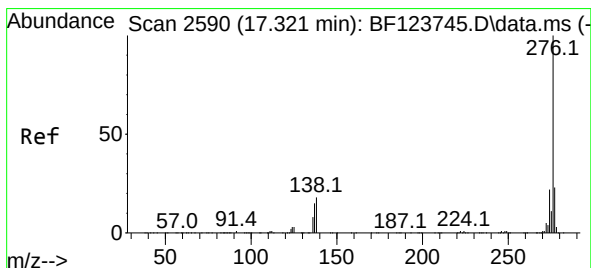
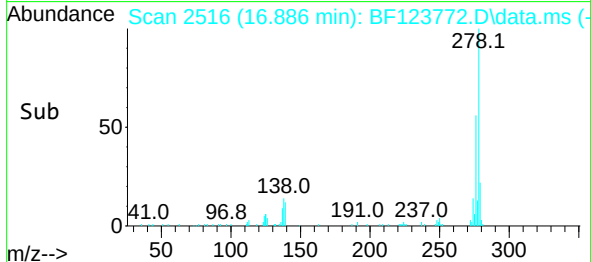
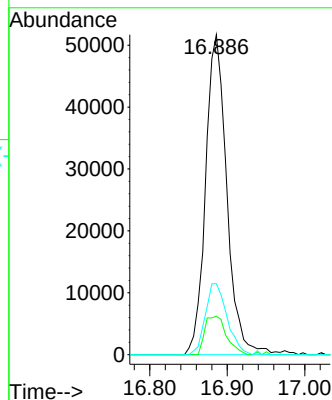
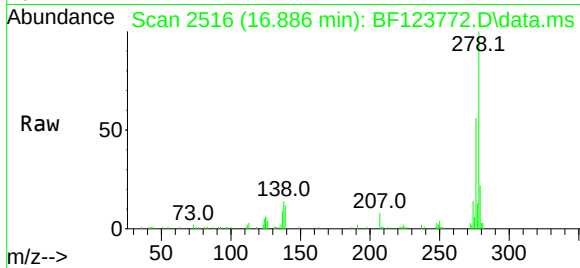




#91  
Dibenzo(a,h)anthracene  
Concen: 3.86 ng  
RT: 16.886 min Scan# 2516  
Delta R.T. -0.012 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Instrument :  
BNA\_F  
ClientSampleId :  
LOQ-WATER-02-QT1-2021

Tgt Ion:278 Resp: 98459  
Ion Ratio Lower Upper  
278 100  
139 12.1 10.2 15.2  
279 22.2 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 3.90 ng  
RT: 17.304 min Scan# 2587  
Delta R.T. -0.018 min  
Lab File: BF123772.D  
Acq: 30 Apr 2021 15:58

Tgt Ion:276 Resp: 99626  
Ion Ratio Lower Upper  
276 100  
277 22.0 18.2 27.2  
138 15.0 13.8 20.6

