

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011025\  
 Data File : BG063948.D  
 Acq On : 10 Jan 2025 12:48  
 Operator : RC/JU  
 Sample : P1187-08  
 Misc : LOQ-WATER-5PPM  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2024

Quant Time: Jan 10 13:27:46 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 03 23:17:54 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.768  | 152  | 133717   | 20.000  | ng    | -0.03    |
| 21) Naphthalene-d8            | 10.558 | 136  | 535413   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10          | 14.419 | 164  | 369106   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 17.174 | 188  | 865565   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 21.428 | 240  | 852123   | 20.000  | ng    | -0.03    |
| 86) Perylene-d12              | 24.436 | 264  | 909776   | 20.000  | ng    | -0.04    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.359  | 112  | 884502   | 105.391 | ng    | -0.03    |
| 7) Phenol-d6                  | 6.957  | 99   | 1264923  | 104.183 | ng    | -0.03    |
| 23) Nitrobenzene-d5           | 8.925  | 82   | 957651   | 70.456  | ng    | -0.03    |
| 42) 2,4,6-Tribromophenol      | 15.917 | 330  | 421274   | 94.649  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 13.032 | 172  | 1860668  | 73.030  | ng    | -0.02    |
| 79) Terphenyl-d14             | 19.812 | 244  | 3009555  | 70.126  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.249  | 88   | 28386    | 6.434   | ng    | 94       |
| 3) Pyridine                   | 3.655  | 79   | 59506    | 5.006   | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.572  | 42   | 27100    | 5.965   | ng    | # 87     |
| 6) Aniline                    | 7.098  | 93   | 80704    | 7.652   | ng    | 96       |
| 8) 2-Chlorophenol             | 7.339  | 128  | 51259    | 6.282   | ng    | 96       |
| 9) Benzaldehyde               | 6.910  | 77   | 62047    | 8.003   | ng    | 94       |
| 10) Phenol                    | 6.980  | 94   | 79787    | 6.312   | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.192  | 93   | 63462    | 6.403   | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.656  | 146  | 58643    | 5.963   | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 7.803  | 146  | 59400    | 6.043   | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.114  | 146  | 62256    | 6.435   | ng    | 98       |
| 15) Benzyl Alcohol            | 8.008  | 79   | 48882    | 5.611   | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.285  | 45   | 90885    | 6.370   | ng    | 97       |
| 17) 2-Methylphenol            | 8.220  | 107  | 47124    | 5.743   | ng    | 93       |
| 18) Hexachloroethane          | 8.837  | 117  | 22678    | 5.948   | ng    | 84       |
| 19) n-Nitroso-di-n-propyla... | 8.567  | 70   | 50229    | 5.665   | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.555  | 107  | 59693    | 5.408   | ng    | 92       |
| 22) Acetophenone              | 8.584  | 105  | 97514    | 6.065   | ng    | # 99     |
| 24) Nitrobenzene              | 8.966  | 77   | 83394    | 5.714   | ng    | 91       |
| 25) Isophorone                | 9.483  | 82   | 136709   | 5.707   | ng    | 97       |
| 26) 2-Nitrophenol             | 9.677  | 139  | 23355    | 5.043   | ng    | # 91     |
| 27) 2,4-Dimethylphenol        | 9.742  | 122  | 24412    | 4.134   | ng    | # 77     |
| 28) bis(2-Chloroethoxy)met... | 9.971  | 93   | 79950    | 5.597   | ng    | # 98     |
| 29) 2,4-Dichlorophenol        | 10.229 | 162  | 48337    | 5.478   | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.423 | 180  | 61141    | 5.729   | ng    | # 92     |
| 31) Naphthalene               | 10.605 | 128  | 172355   | 5.938   | ng    | 98       |
| 32) Benzoic acid              | 10.065 | 122  | 10121m   | 2.562   | ng    |          |
| 33) 4-Chloroaniline           | 10.729 | 127  | 59237    | 6.286   | ng    | # 93     |
| 34) Hexachlorobutadiene       | 10.893 | 225  | 38449    | 5.256   | ng    | 96       |
| 35) Caprolactam               | 11.475 | 113  | 14907    | 5.116   | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.869 | 107  | 52741    | 5.385   | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.227 | 142  | 119433   | 5.856   | ng    | 94       |
| 38) 1-Methylnaphthalene       | 12.444 | 142  | 114394   | 5.640   | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.603 | 216  | 73580    | 5.942   | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.856 | 196  | 38166    | 5.232   | ng    | 94       |
| 44) 2,4,5-Trichlorophenol     | 12.932 | 196  | 41767    | 5.102   | ng    | 93       |

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 Sample : P1187-08  
 Misc : LOQ-WATER-5PPM  
 ALS Vial : 7 Sample Multiplier: 1

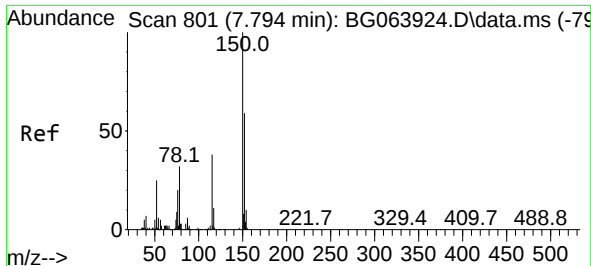
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2024

Quant Time: Jan 10 13:27:46 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 03 23:17:54 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.243 | 154  | 175928   | 6.530 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.285 | 162  | 129918   | 5.866 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.496 | 65   | 36083    | 4.869 | ng    | 97       |
| 49) Acenaphthylene            | 14.137 | 152  | 211926   | 6.458 | ng    | 97       |
| 50) Dimethylphthalate         | 13.872 | 163  | 158924   | 5.895 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.996 | 165  | 30440    | 5.069 | ng    | 94       |
| 52) Acenaphthene              | 14.483 | 154  | 119839   | 5.973 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.330 | 138  | 28226    | 5.123 | ng #  | 78       |
| 54) 2,4-Dinitrophenol         | 14.565 | 184  | 4375m    | 9.202 | ng    |          |
| 55) Dibenzofuran              | 14.818 | 168  | 212002   | 6.087 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.683 | 139  | 16446m   | 4.353 | ng    |          |
| 57) 2,4-Dinitrotoluene        | 14.795 | 165  | 40249    | 4.774 | ng #  | 98       |
| 58) Fluorene                  | 15.470 | 166  | 166379   | 6.148 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.059 | 232  | 34592    | 4.789 | ng #  | 91       |
| 60) Diethylphthalate          | 15.241 | 149  | 148934   | 5.605 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.464 | 204  | 85797    | 5.848 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.500 | 138  | 27856    | 4.864 | ng    | 91       |
| 63) Azobenzene                | 15.758 | 77   | 191313   | 5.691 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.576 | 198  | 15445    | 3.422 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 15.682 | 169  | 136044   | 6.035 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.363 | 248  | 54454    | 5.691 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.481 | 284  | 62863    | 5.755 | ng    | 94       |
| 69) Atrazine                  | 16.634 | 200  | 52243    | 7.230 | ng    | 97       |
| 70) Pentachlorophenol         | 16.845 | 266  | 14941m   | 3.297 | ng    |          |
| 71) Phenanthrene              | 17.215 | 178  | 286156   | 6.356 | ng    | 97       |
| 72) Anthracene                | 17.309 | 178  | 264069   | 6.025 | ng    | 97       |
| 73) Carbazole                 | 17.580 | 167  | 247571   | 6.117 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.144 | 149  | 249874   | 5.540 | ng    | 98       |
| 75) Fluoranthene              | 19.242 | 202  | 347844   | 6.122 | ng    | 98       |
| 77) Benzidine                 | 19.424 | 184  | 54326    | 4.556 | ng    | 95       |
| 78) Pyrene                    | 19.607 | 202  | 369945   | 6.329 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.500 | 149  | 89045    | 4.938 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.410 | 228  | 352545   | 6.185 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.334 | 252  | 94932    | 5.361 | ng #  | 97       |
| 83) Chrysene                  | 21.475 | 228  | 351409   | 6.349 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.328 | 149  | 147101   | 5.335 | ng #  | 99       |
| 85) Di-n-octyl phthalate      | 22.456 | 149  | 255600   | 5.321 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.826 | 276  | 381528   | 6.039 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.484 | 252  | 328815   | 5.782 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.543 | 252  | 353820   | 6.200 | ng    | 94       |
| 90) Benzo(a)pyrene            | 24.289 | 252  | 321494   | 6.364 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 27.868 | 278  | 301795   | 5.772 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.890 | 276  | 293516   | 5.457 | ng    | 97       |

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

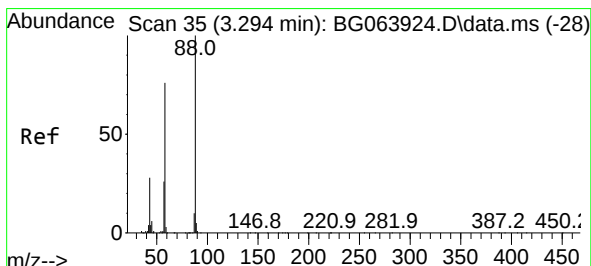
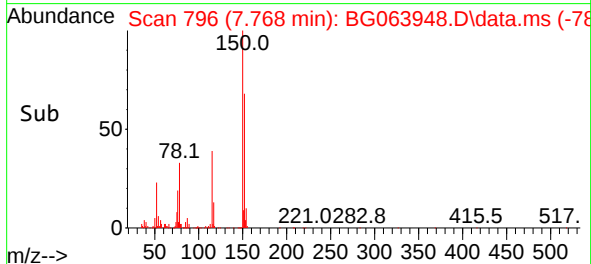
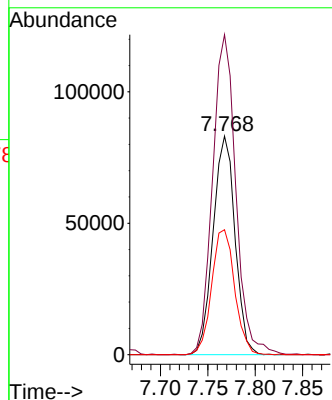
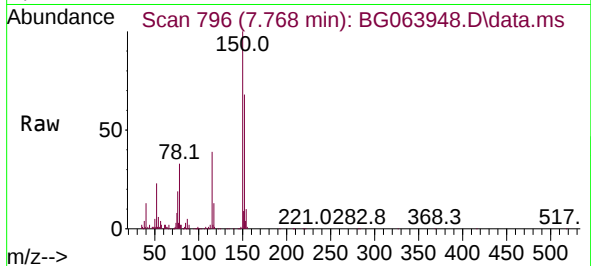




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.768 min Scan# 79  
Delta R.T. -0.026 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

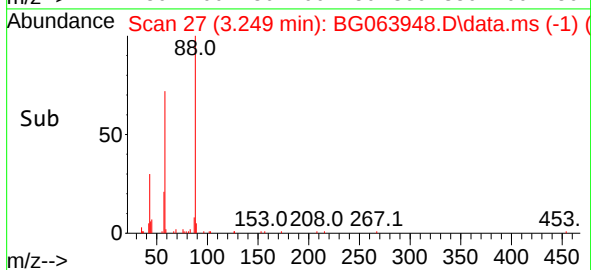
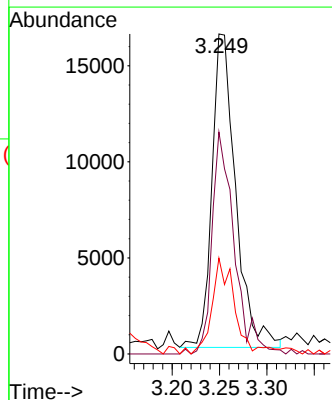
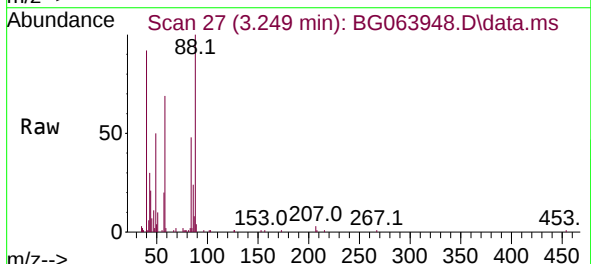
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

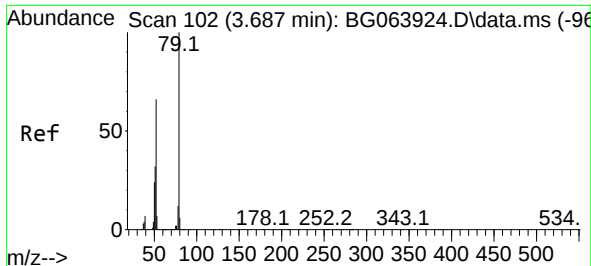
Tgt Ion:152 Resp: 133717  
Ion Ratio Lower Upper  
152 100  
150 146.4 135.5 203.3  
115 57.2 51.8 77.8



#2  
1,4-Dioxane  
Concen: 6.434 ng  
RT: 3.249 min Scan# 27  
Delta R.T. -0.044 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion: 88 Resp: 28386  
Ion Ratio Lower Upper  
88 100  
58 66.0 58.4 87.6  
43 28.2 22.1 33.1

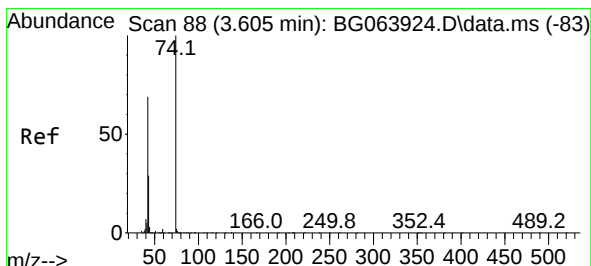
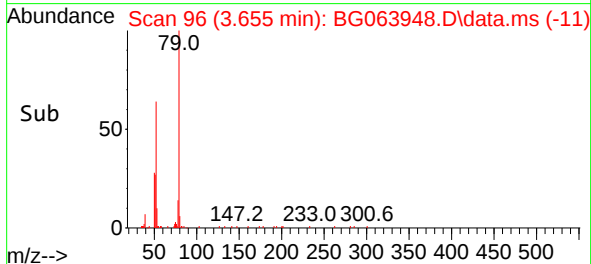
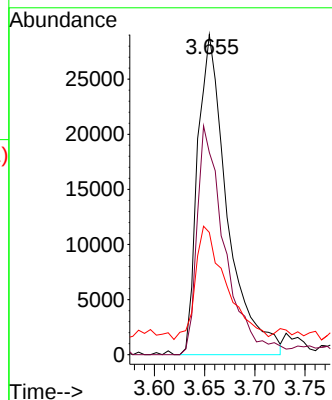
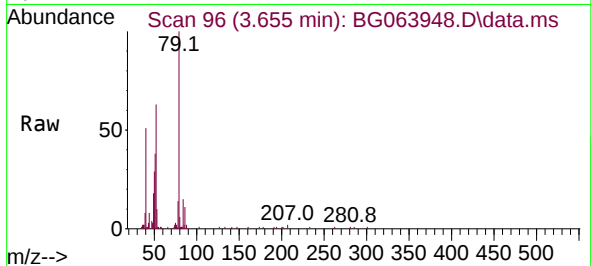




#3  
Pyridine  
Concen: 5.006 ng  
RT: 3.655 min Scan# 90  
Delta R.T. -0.032 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

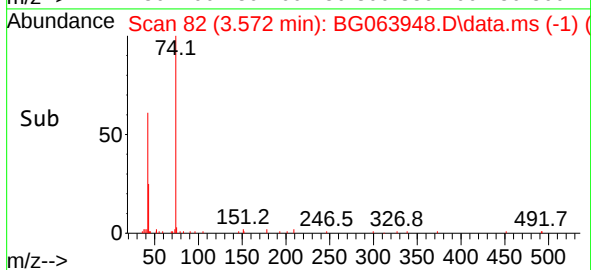
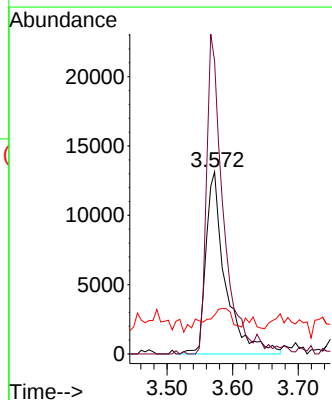
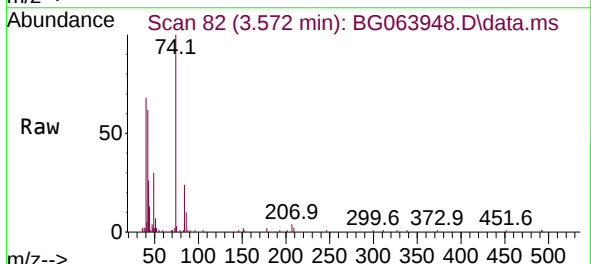
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ClientSampleId :  
LOQ-WATER-02-QT1-2024

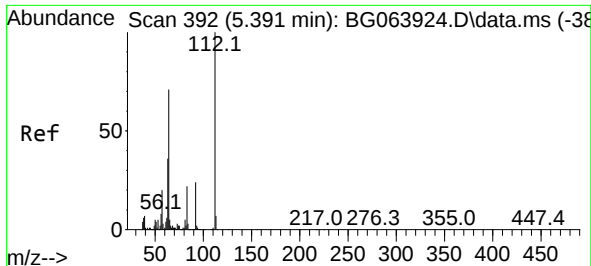
Tgt Ion: 79 Resp: 59506  
Ion Ratio Lower Upper  
79 100  
52 63.2 53.1 79.7  
51 38.2 26.2 39.4



#4  
n-Nitrosodimethylamine  
Concen: 5.965 ng  
RT: 3.572 min Scan# 82  
Delta R.T. -0.032 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion: 42 Resp: 27100  
Ion Ratio Lower Upper  
42 100  
74 160.6 116.6 175.0  
44 21.4 10.4 15.6

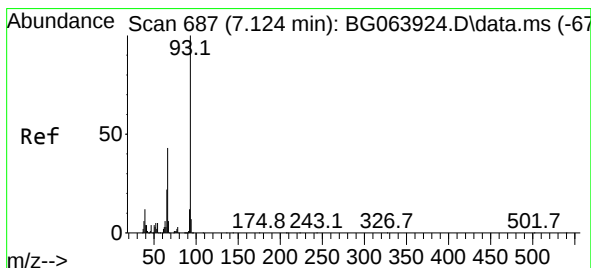
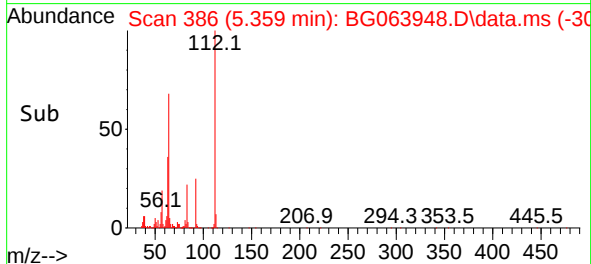
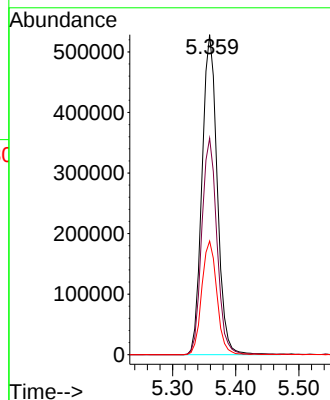
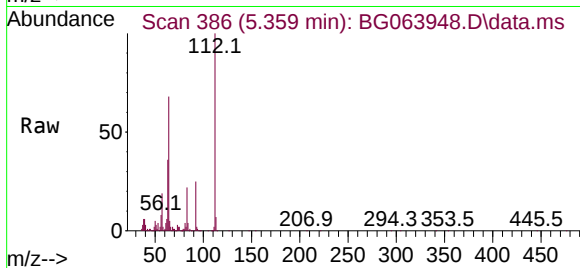




#5  
2-Fluorophenol  
Concen: 105.391 ng  
RT: 5.359 min Scan# 31  
Delta R.T. -0.032 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

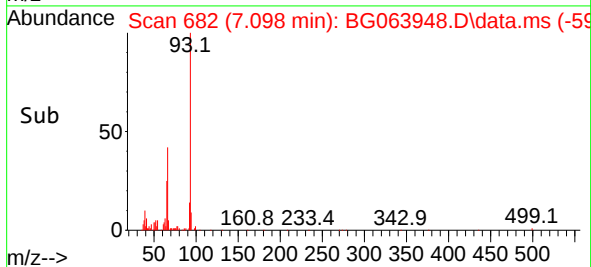
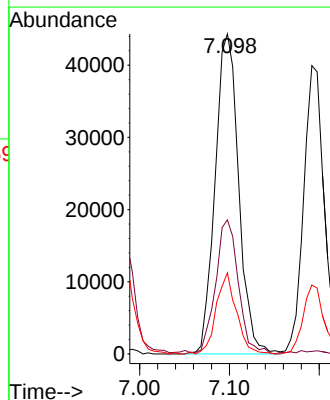
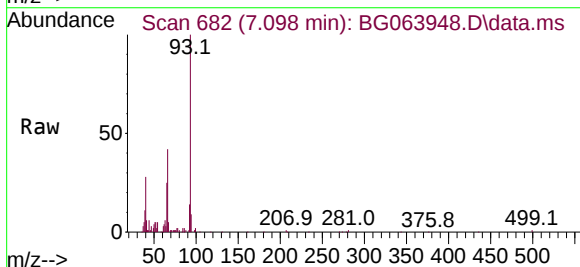
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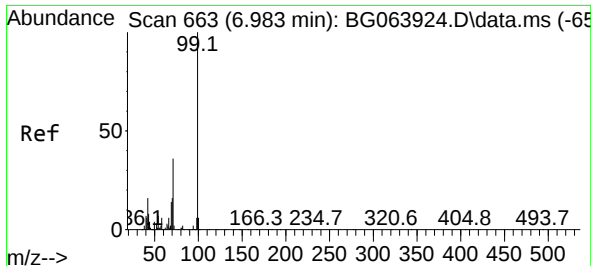
Tgt Ion:112 Resp: 884502  
Ion Ratio Lower Upper  
112 100  
64 67.7 56.6 85.0  
63 35.5 29.2 43.8



#6  
Aniline  
Concen: 7.652 ng  
RT: 7.098 min Scan# 682  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion: 93 Resp: 80704  
Ion Ratio Lower Upper  
93 100  
66 41.9 35.0 52.4  
65 25.3 17.8 26.8





#7

Phenol-d6

Concen: 104.183 ng

RT: 6.957 min Scan# 61

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

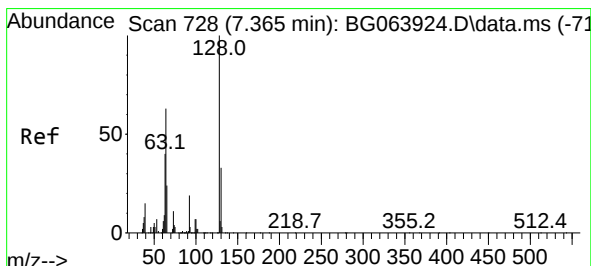
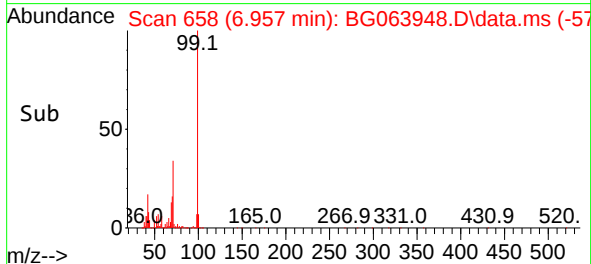
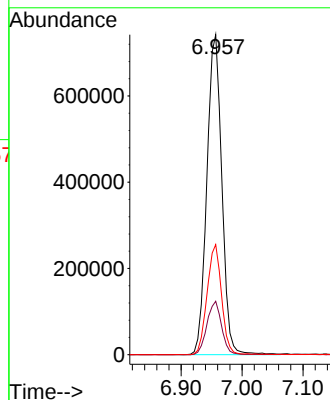
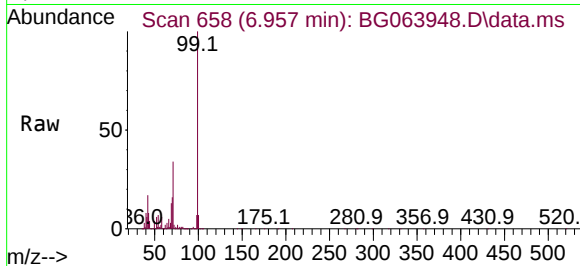
BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 99 Resp: 1264923

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.7  | 13.0  | 19.6  |
| 71  | 34.4  | 28.5  | 42.7  |



#8

2-Chlorophenol

Concen: 6.282 ng

RT: 7.339 min Scan# 723

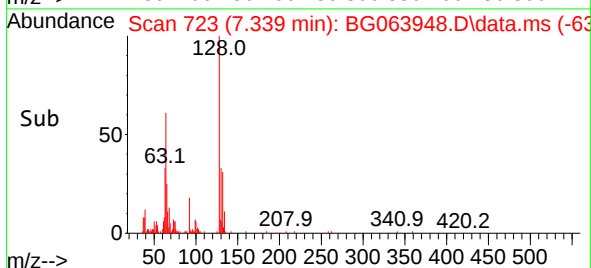
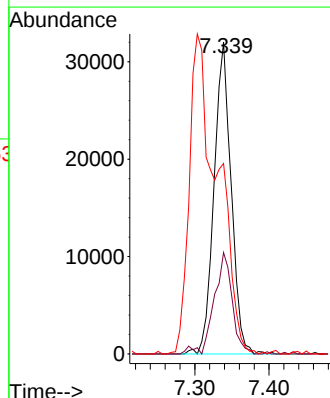
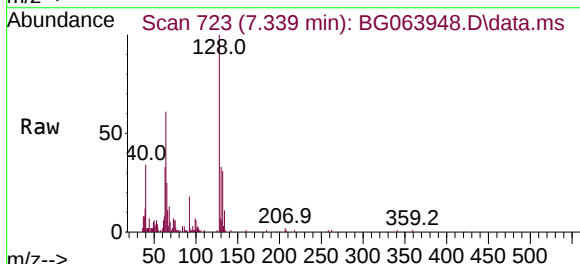
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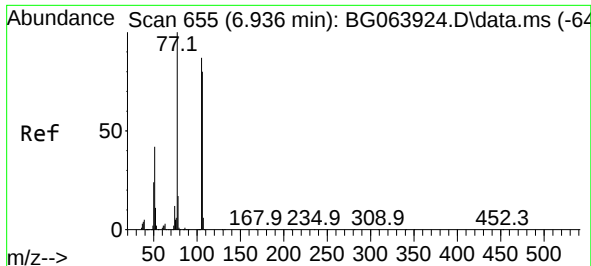
Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Tgt Ion:128 Resp: 51259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 13.4  | 53.4  |
| 64  | 61.0  | 44.6  | 84.6  |

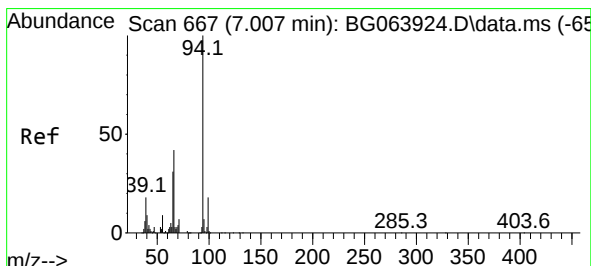
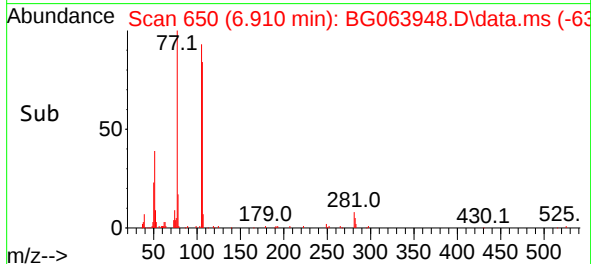
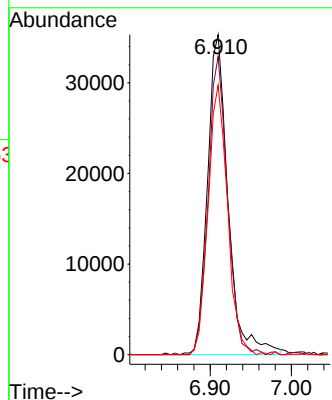
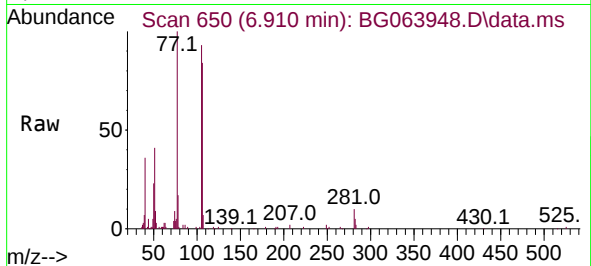




#9  
Benzaldehyde  
Concen: 8.003 ng  
RT: 6.910 min Scan# 61  
Delta R.T. -0.026 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

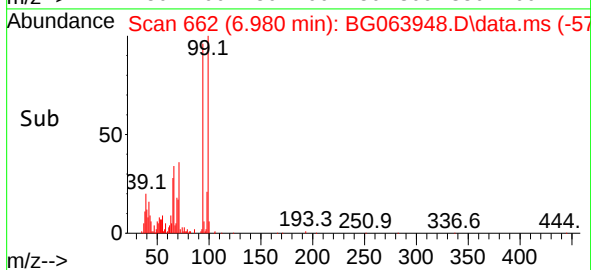
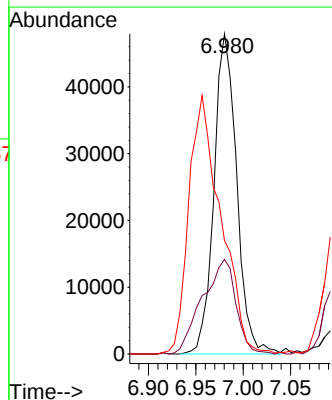
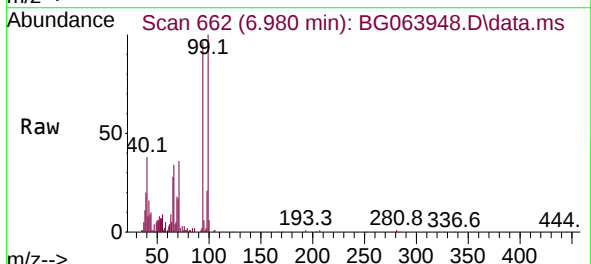
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

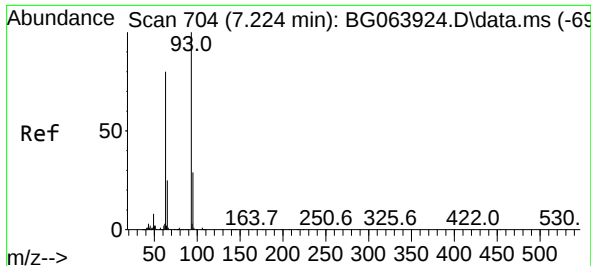
Tgt Ion: 77 Resp: 62047  
Ion Ratio Lower Upper  
77 100  
105 93.2 66.5 106.5  
106 84.2 60.1 100.1



#10  
Phenol  
Concen: 6.312 ng  
RT: 6.980 min Scan# 662  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion: 94 Resp: 79787  
Ion Ratio Lower Upper  
94 100  
65 29.6 11.5 51.5  
66 35.4 21.9 61.9

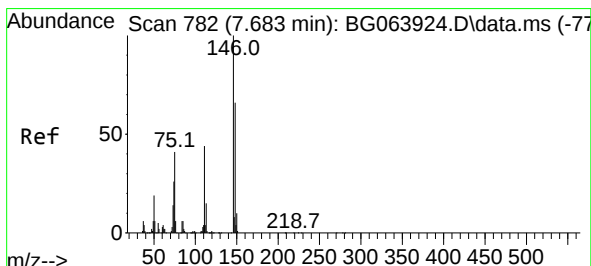
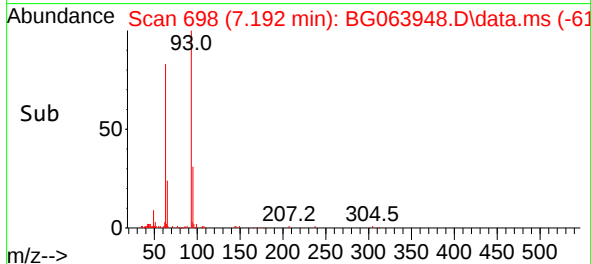
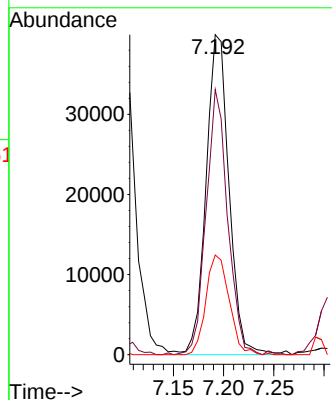
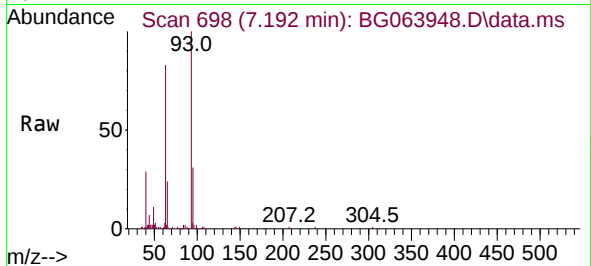




#11  
bis(2-Chloroethyl)ether  
Concen: 6.403 ng  
RT: 7.192 min Scan# 61  
Delta R.T. -0.032 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

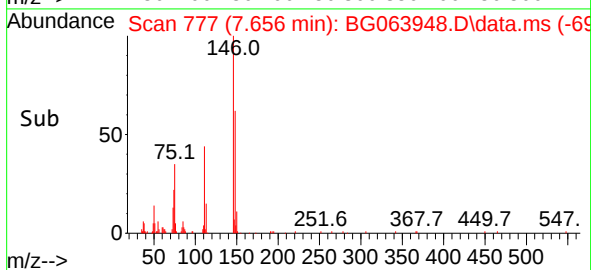
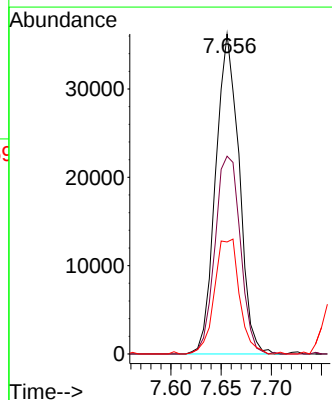
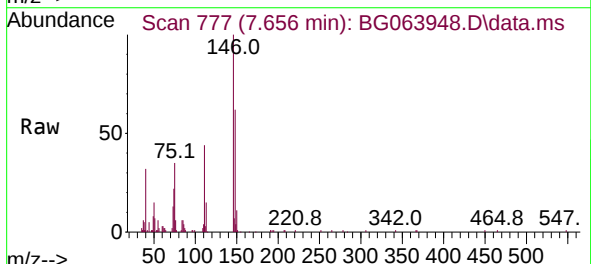
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

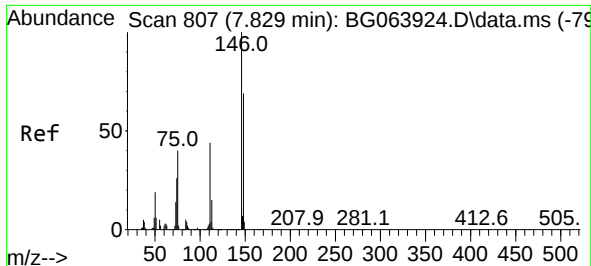
Tgt Ion: 93 Resp: 63462  
Ion Ratio Lower Upper  
93 100  
63 82.8 59.6 99.6  
95 31.1 9.3 49.3



#12  
1,3-Dichlorobenzene  
Concen: 5.963 ng  
RT: 7.656 min Scan# 777  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:146 Resp: 58643  
Ion Ratio Lower Upper  
146 100  
148 61.8 52.6 78.8  
75 35.0 32.6 48.8

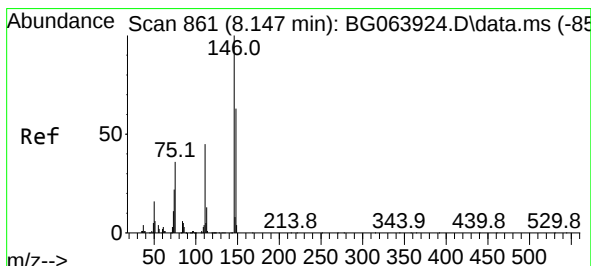
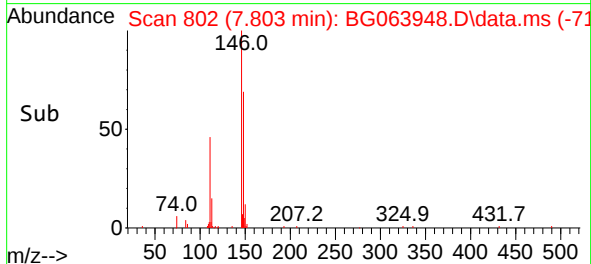
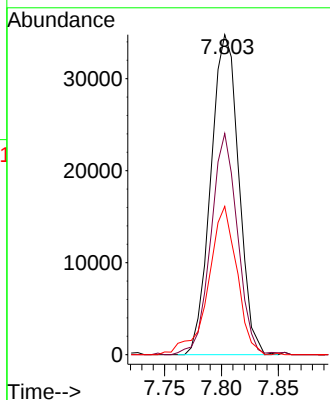
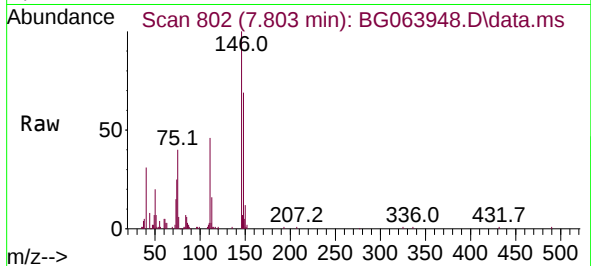




#13  
1,4-Dichlorobenzene  
Concen: 6.043 ng  
RT: 7.803 min Scan# 801  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

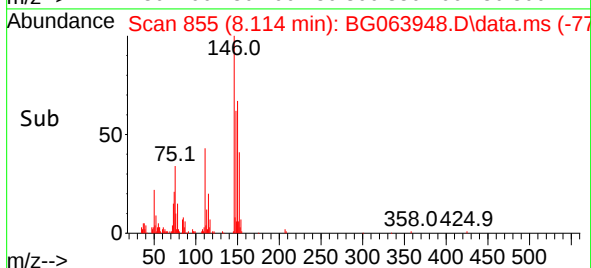
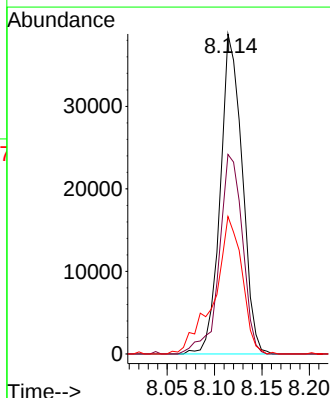
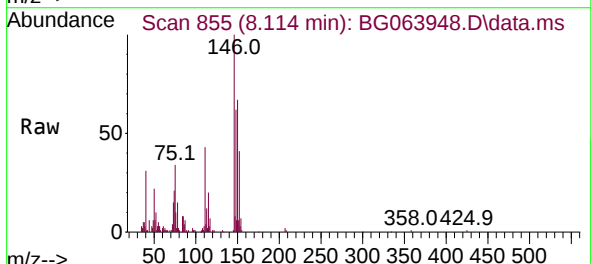
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

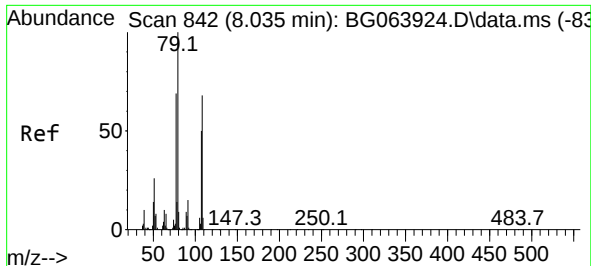
Tgt Ion:146 Resp: 59400  
Ion Ratio Lower Upper  
146 100  
148 69.1 55.4 83.0  
111 46.3 35.8 53.8



#14  
1,2-Dichlorobenzene  
Concen: 6.435 ng  
RT: 8.114 min Scan# 855  
Delta R.T. -0.032 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:146 Resp: 62256  
Ion Ratio Lower Upper  
146 100  
148 62.3 50.7 76.1  
111 43.0 36.1 54.1

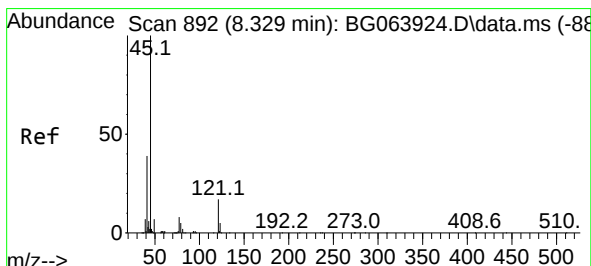
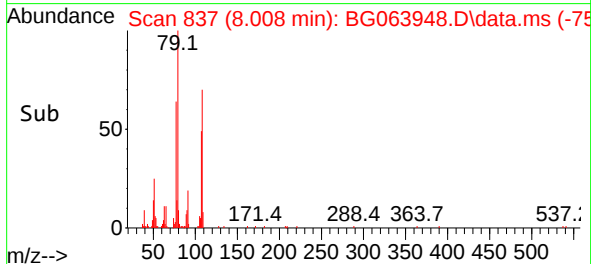
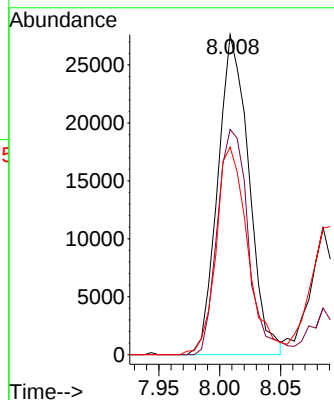
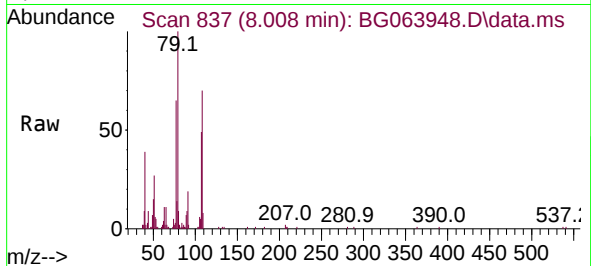




#15  
Benzyl Alcohol  
Concen: 5.611 ng  
RT: 8.008 min Scan# 81  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

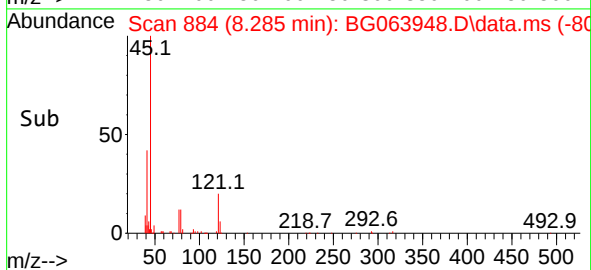
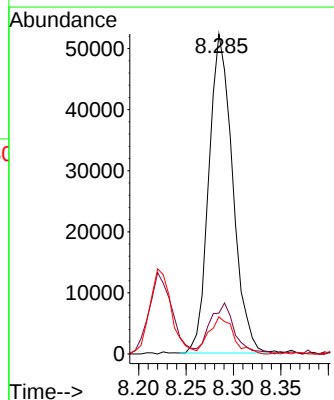
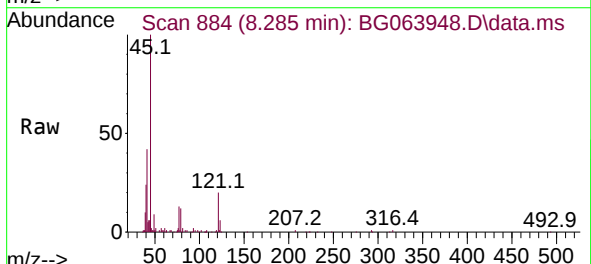
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

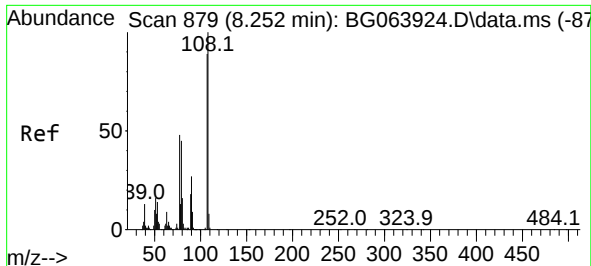
Tgt Ion: 79 Resp: 48882  
Ion Ratio Lower Upper  
79 100  
108 70.4 54.6 81.8  
77 64.8 55.6 83.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 6.370 ng  
RT: 8.285 min Scan# 884  
Delta R.T. -0.044 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion: 45 Resp: 90885  
Ion Ratio Lower Upper  
45 100  
77 12.8 0.0 34.7  
79 11.6 0.0 32.1





#17

2-Methylphenol

Concen: 5.743 ng

RT: 8.220 min Scan# 81

Delta R.T. -0.032 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:107 Resp: 47124

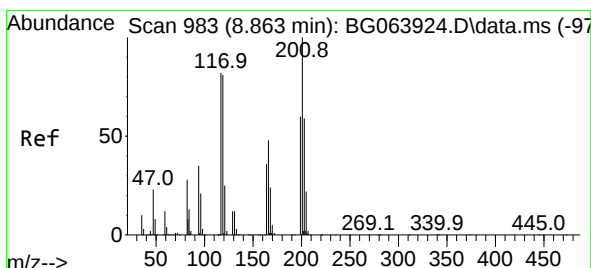
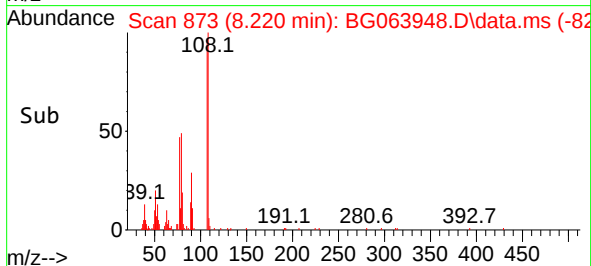
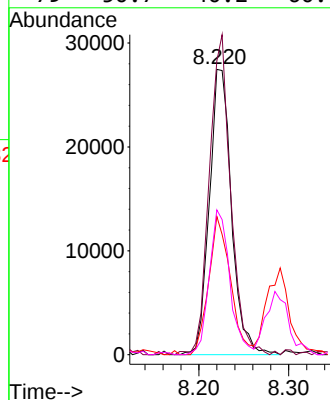
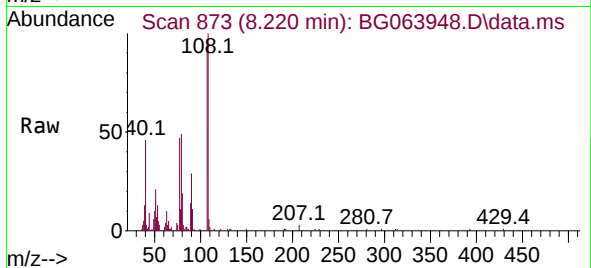
Ion Ratio Lower Upper

107 100

108 103.0 89.5 134.3

77 48.4 43.4 65.2

79 50.7 40.2 60.4



#18

Hexachloroethane

Concen: 5.948 ng

RT: 8.837 min Scan# 978

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

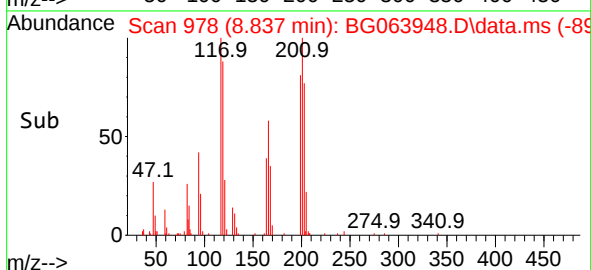
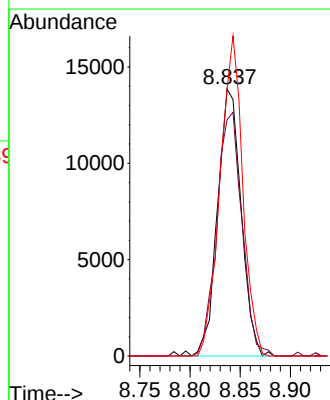
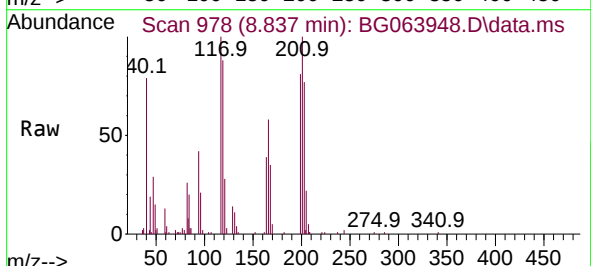
Tgt Ion:117 Resp: 22678

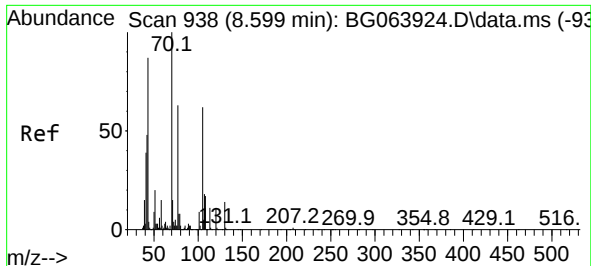
Ion Ratio Lower Upper

117 100

119 88.4 79.7 119.5

201 100.1 97.8 146.8

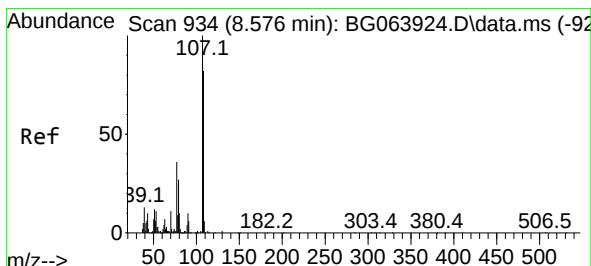
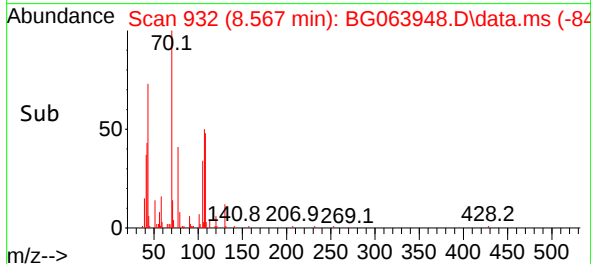
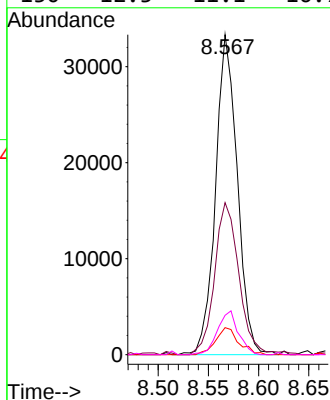
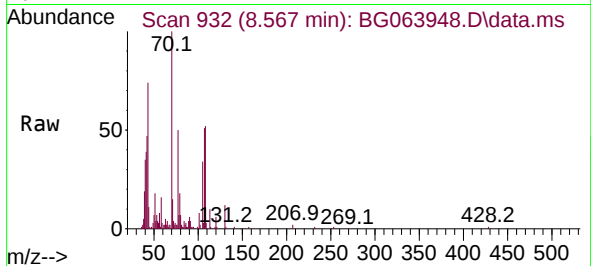




#19  
n-Nitroso-di-n-propylamine  
Concen: 5.665 ng  
RT: 8.567 min Scan# 91  
Delta R.T. -0.032 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

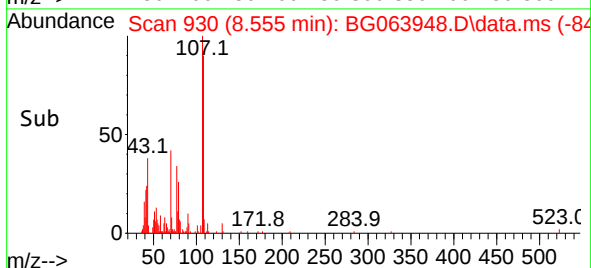
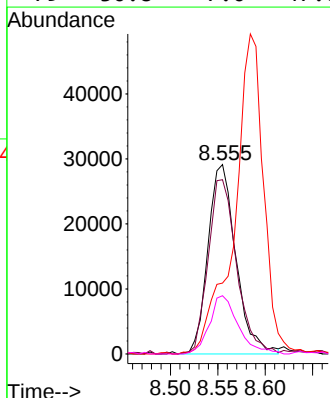
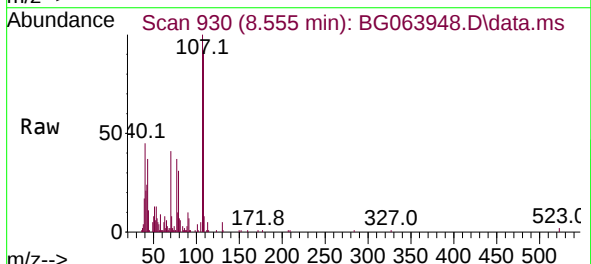
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

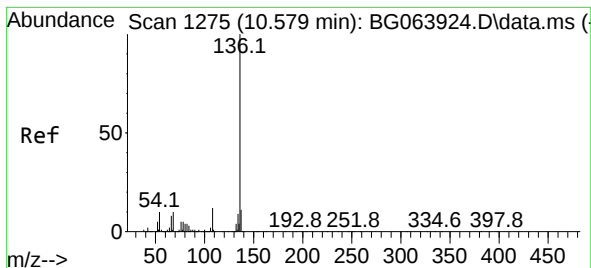
|             |             |
|-------------|-------------|
| Tgt Ion: 70 | Resp: 50229 |
| Ion Ratio   | Lower Upper |
| 70 100      |             |
| 42 47.5     | 39.0 58.4   |
| 101 8.4     | 7.0 10.4    |
| 130 12.3    | 11.1 16.7   |



#20  
3+4-Methylphenols  
Concen: 5.408 ng  
RT: 8.555 min Scan# 930  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:107 | Resp: | 59693 |
| Ion | Ratio   | Lower | Upper |
| 107 | 100     |       |       |
| 108 | 92.0    | 62.4  | 102.4 |
| 77  | 37.4    | 16.3  | 56.3  |
| 79  | 30.8    | 7.0   | 47.0  |

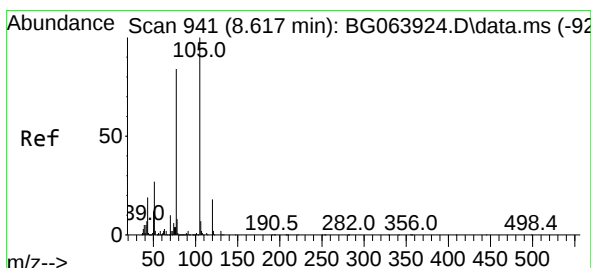
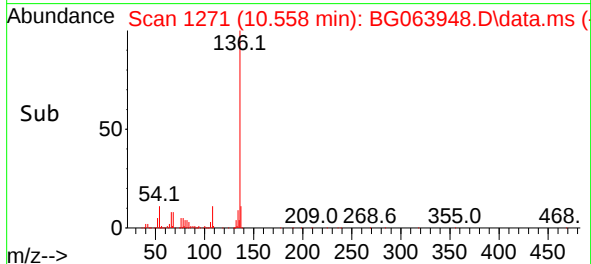
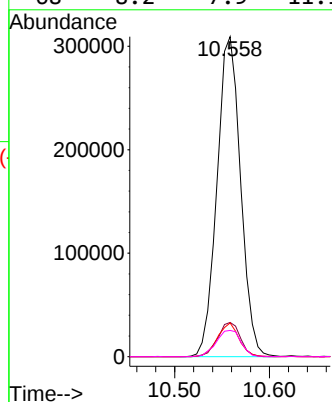
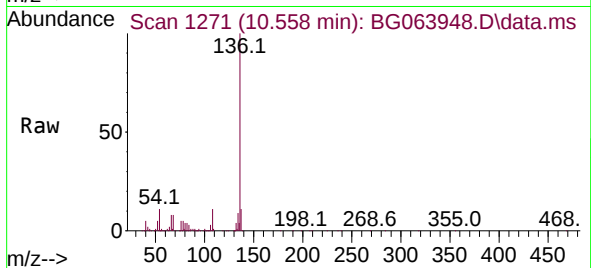




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.558 min Scan# 11  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

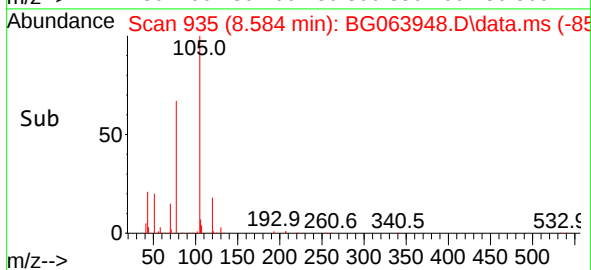
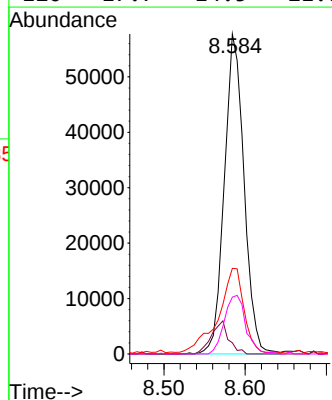
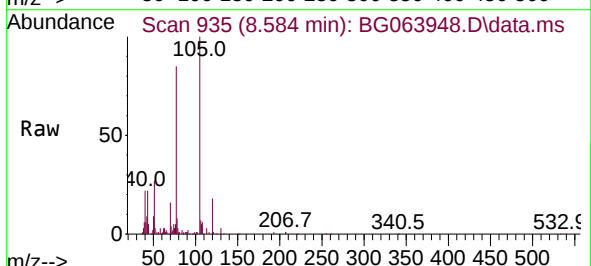
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT1-2024

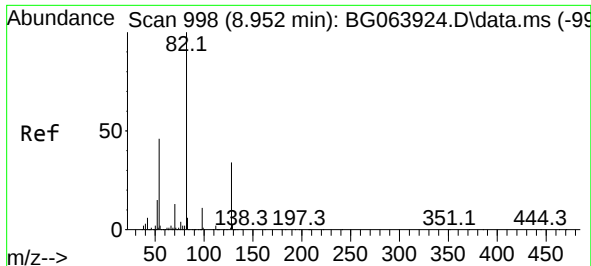
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 535413 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 9.0   | 13.6   |
| 54       | 10.6  | 8.0   | 12.0   |
| 68       | 8.2   | 7.9   | 11.9   |



#22  
Acetophenone  
Concen: 6.065 ng  
RT: 8.584 min Scan# 935  
Delta R.T. -0.032 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 97514 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 3.5   | 1.5   | 2.3   |
| 51       | 26.8  | 21.8  | 32.8  |
| 120      | 17.7  | 14.5  | 21.7  |

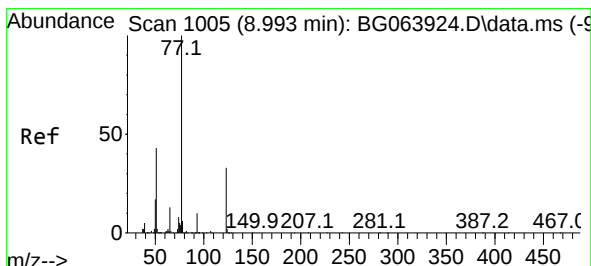
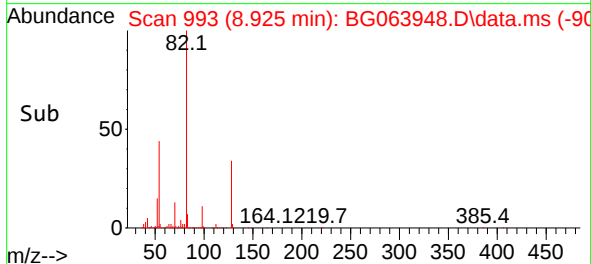
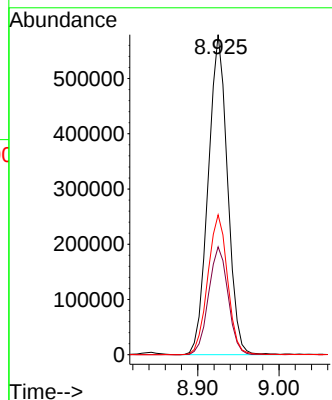
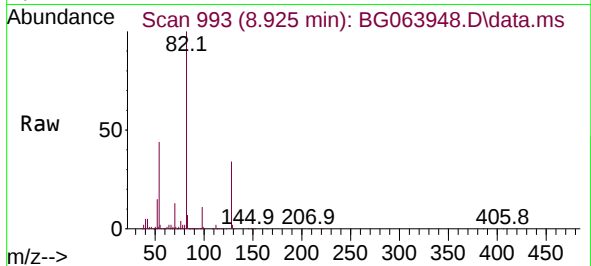




#23  
Nitrobenzene-d5  
Concen: 70.456 ng  
RT: 8.925 min Scan# 91  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

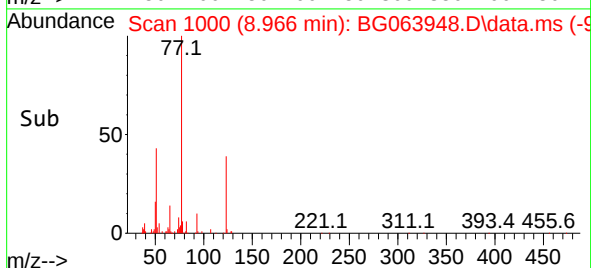
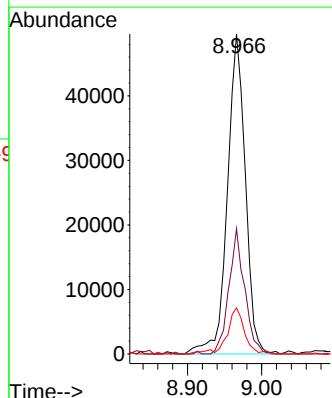
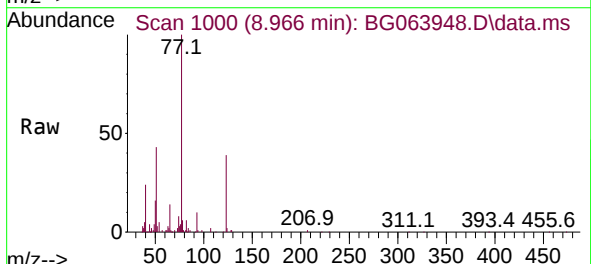
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

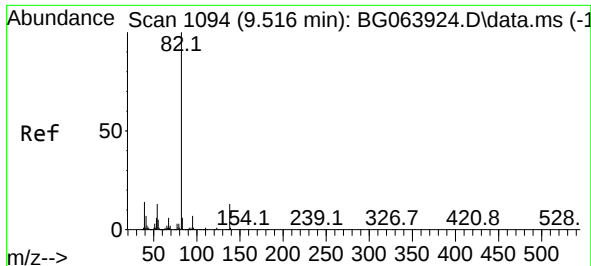
Tgt Ion: 82 Resp: 957651  
Ion Ratio Lower Upper  
82 100  
128 33.7 26.9 40.3  
54 43.7 36.7 55.1



#24  
Nitrobenzene  
Concen: 5.714 ng  
RT: 8.966 min Scan# 1000  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion: 77 Resp: 83394  
Ion Ratio Lower Upper  
77 100  
123 39.1 26.5 39.7  
65 14.4 10.2 15.4

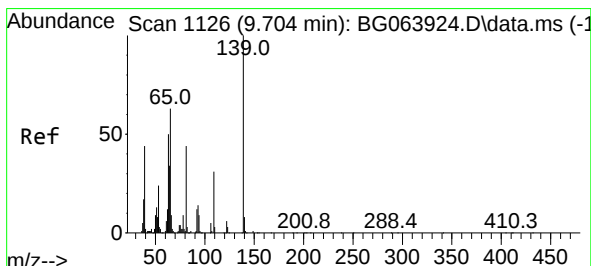
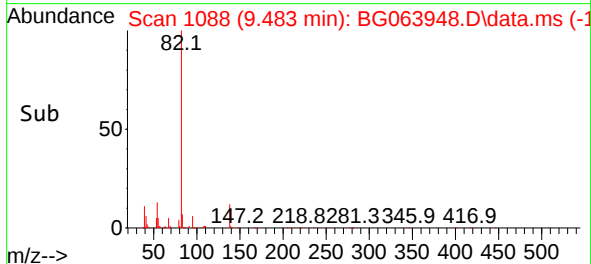
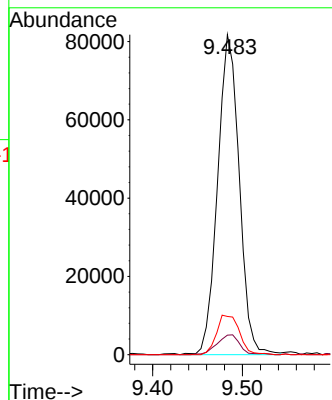
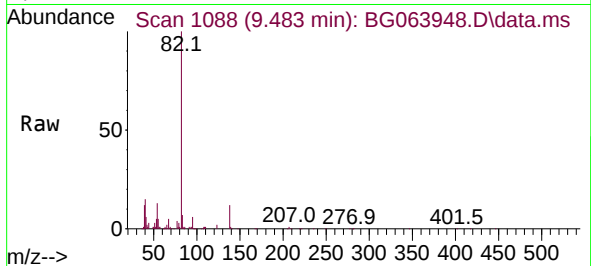




#25  
Isophorone  
Concen: 5.707 ng  
RT: 9.483 min Scan# 1088  
Delta R.T. -0.032 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

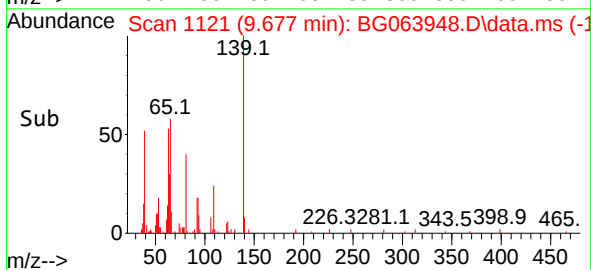
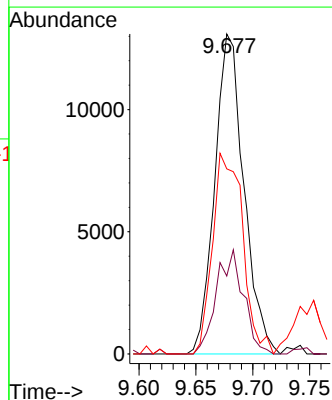
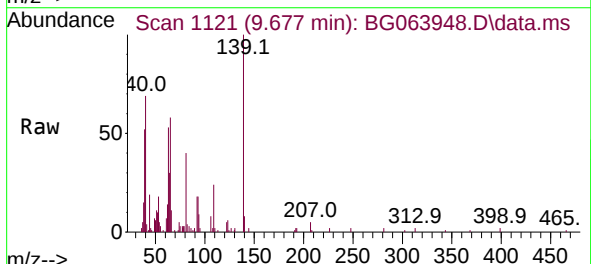
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT1-2024

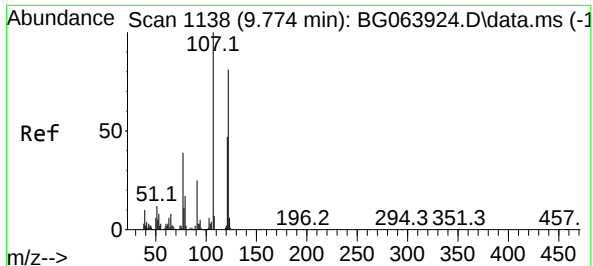
Tgt Ion: 82 Resp: 136709  
Ion Ratio Lower Upper  
82 100  
95 6.1 5.2 7.8  
138 12.0 10.6 16.0



#26  
2-Nitrophenol  
Concen: 5.043 ng  
RT: 9.677 min Scan# 1121  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion: 139 Resp: 23355  
Ion Ratio Lower Upper  
139 100  
109 24.3 25.0 37.4#  
65 57.8 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 4.134 ng

RT: 9.742 min Scan# 1132

Delta R.T. -0.032 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

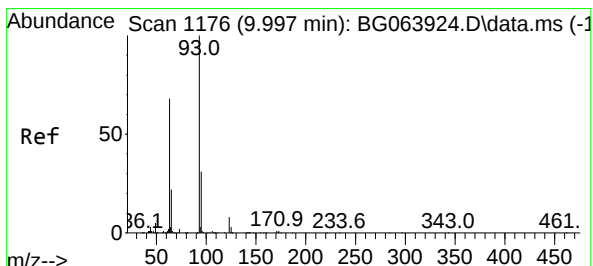
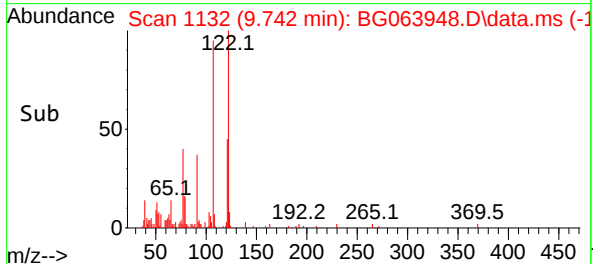
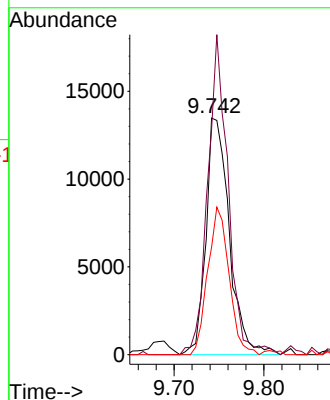
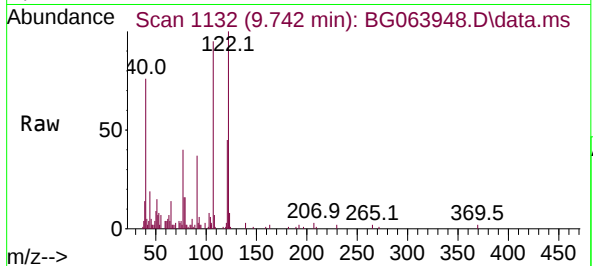
Tgt Ion:122 Resp: 24412

Ion Ratio Lower Upper

122 100

107 95.0 99.0 148.4#

121 45.4 46.0 69.0#



#28

bis(2-Chloroethoxy)methane

Concen: 5.597 ng

RT: 9.971 min Scan# 1171

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

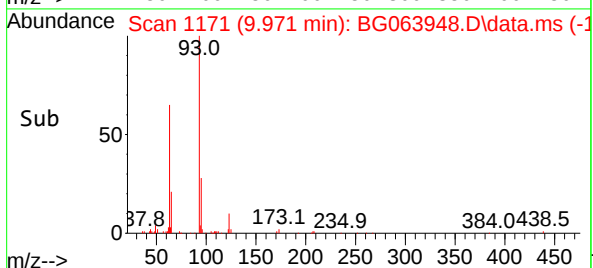
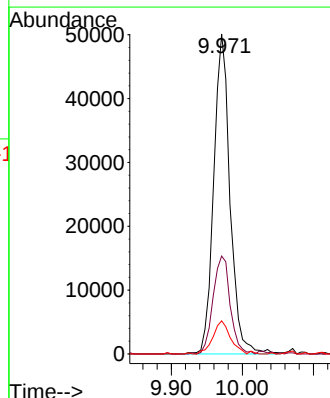
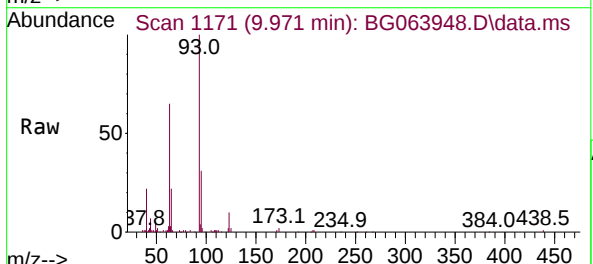
Tgt Ion: 93 Resp: 79950

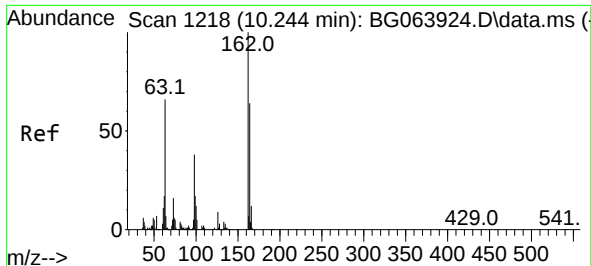
Ion Ratio Lower Upper

93 100

95 30.6 25.0 37.6

123 10.4 6.9 10.3#





#29

2,4-Dichlorophenol

Concen: 5.478 ng

RT: 10.229 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

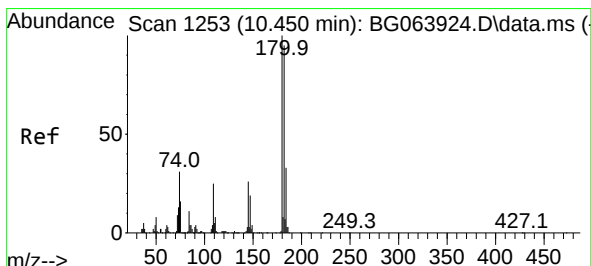
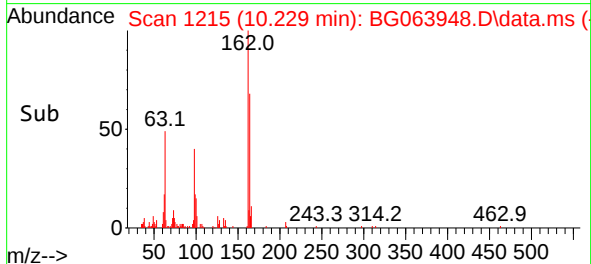
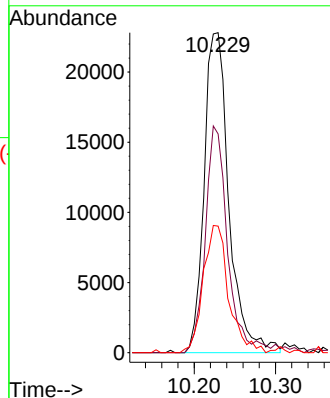
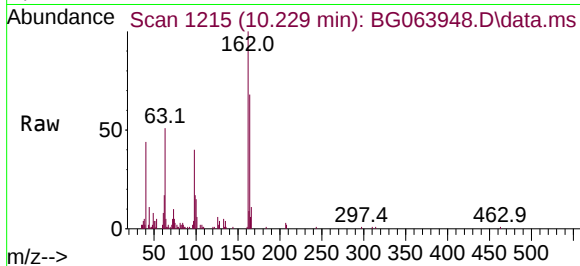
Tgt Ion:162 Resp: 48337

Ion Ratio Lower Upper

162 100

164 68.3 44.4 84.4

98 39.6 17.7 57.7



#30

1,2,4-Trichlorobenzene

Concen: 5.729 ng

RT: 10.423 min Scan# 1248

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

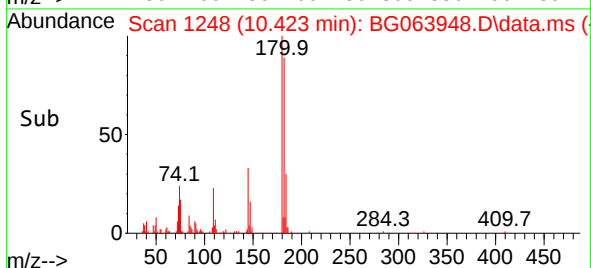
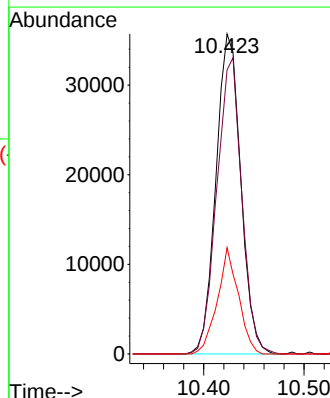
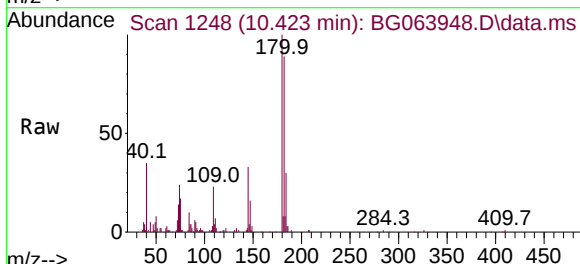
Tgt Ion:180 Resp: 61141

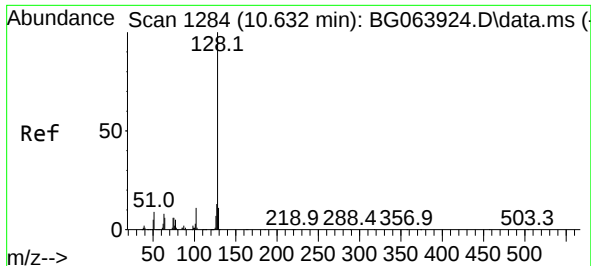
Ion Ratio Lower Upper

180 100

182 88.8 75.8 113.6

145 33.2 20.8 31.2#

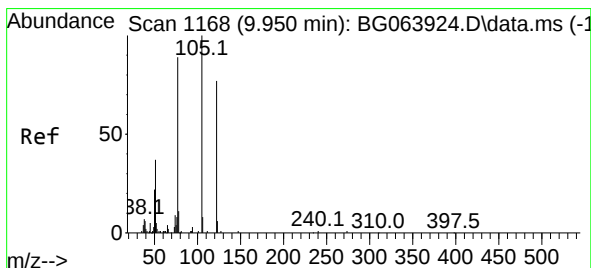
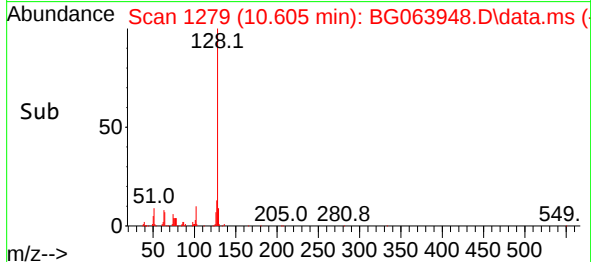
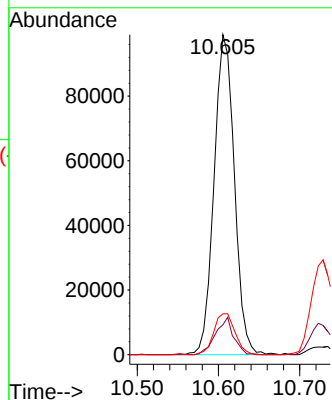
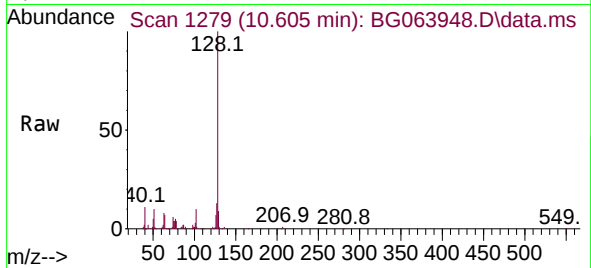




#31  
Naphthalene  
Concen: 5.938 ng  
RT: 10.605 min Scan# 1187  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

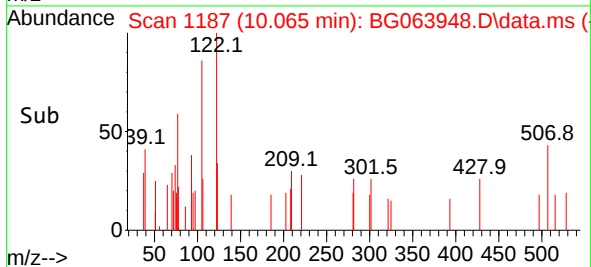
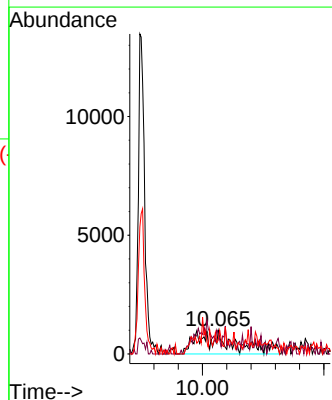
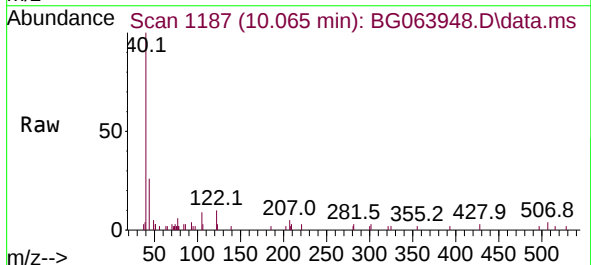
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT1-2024

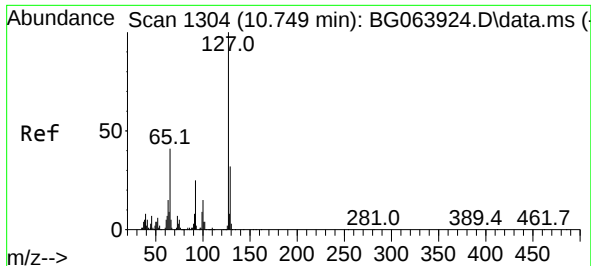
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 172355 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 9.3   | 9.0   | 13.6   |
| 127      | 12.8  | 10.2  | 15.4   |



#32  
Benzoic acid  
Concen: 2.562 ng m  
RT: 10.065 min Scan# 1187  
Delta R.T. 0.115 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 10121  |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 86.2  | 109.7 | 149.7# |
| 77       | 58.7  | 96.0  | 136.0# |

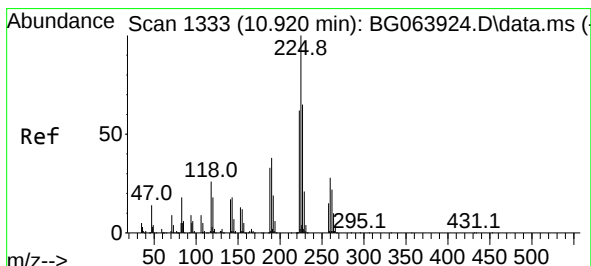
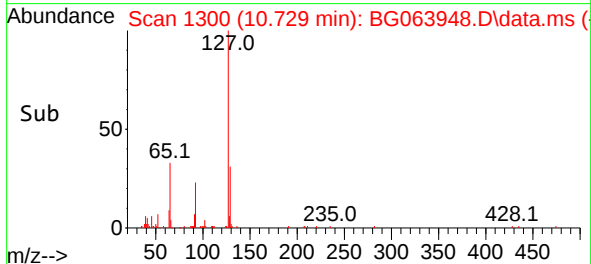
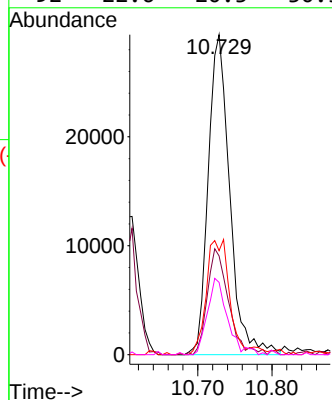
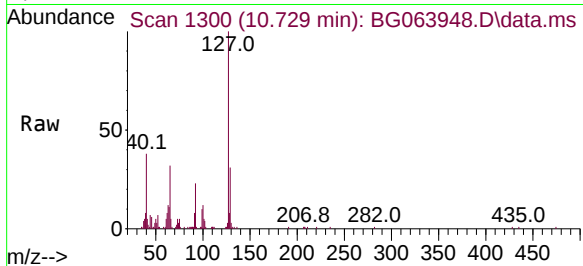




#33  
4-Chloroaniline  
Concen: 6.286 ng  
RT: 10.729 min Scan# 11  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

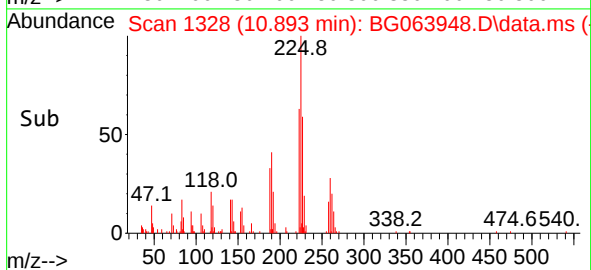
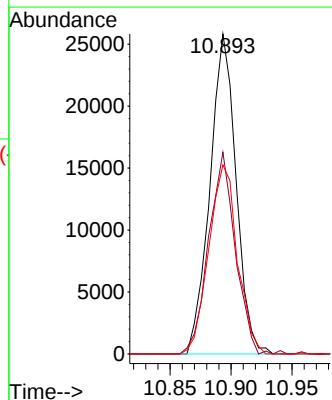
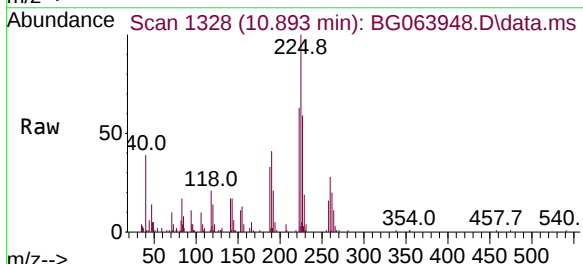
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

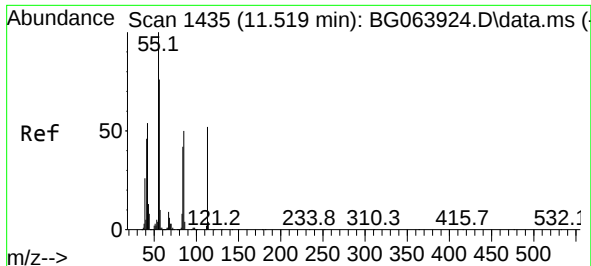
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:127 | Resp: | 59237      |
| Ion Ratio   | Lower | Upper      |
| 127         | 100   |            |
| 129         | 30.9  | 25.4 38.0  |
| 65          | 32.5  | 32.6 48.8# |
| 92          | 22.6  | 20.3 30.5  |



#34  
Hexachlorobutadiene  
Concen: 5.256 ng  
RT: 10.893 min Scan# 1328  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 38449     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.0  | 49.5 74.3 |
| 227         | 59.1  | 51.6 77.4 |

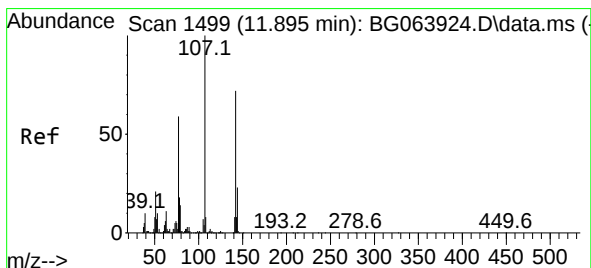
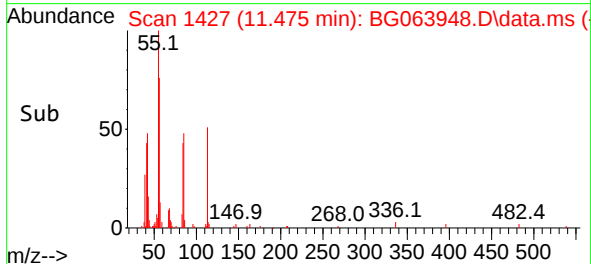
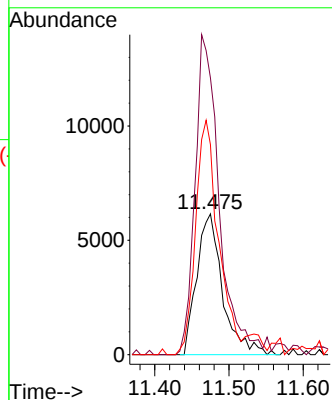
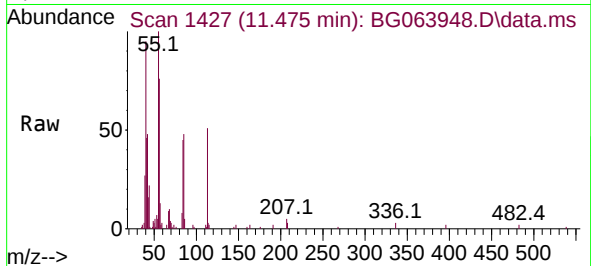




#35  
Caprolactam  
Concen: 5.116 ng  
RT: 11.475 min Scan# 1427  
Delta R.T. -0.044 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

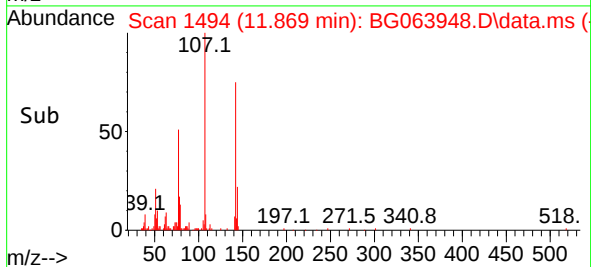
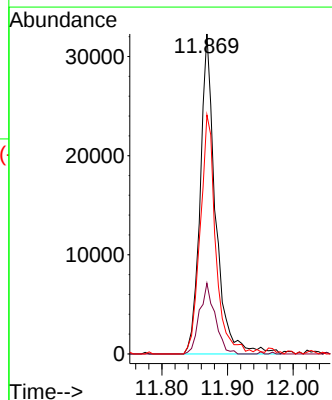
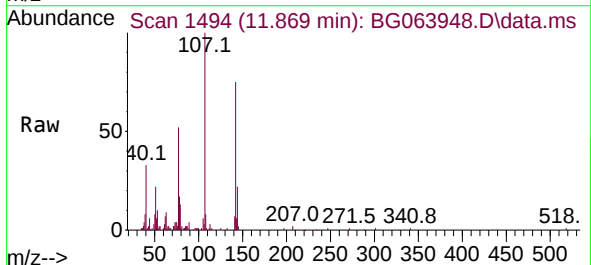
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

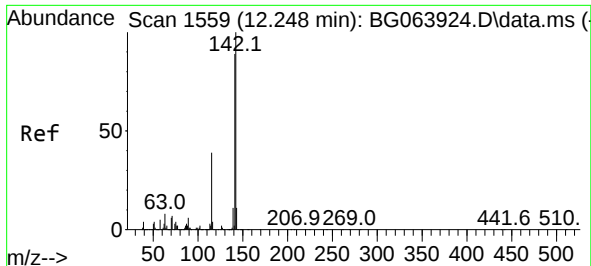
Tgt Ion:113 Resp: 14907  
Ion Ratio Lower Upper  
113 100  
55 196.6 173.7 213.7  
56 149.2 127.5 167.5



#36  
4-Chloro-3-methylphenol  
Concen: 5.385 ng  
RT: 11.869 min Scan# 1494  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:107 Resp: 52741  
Ion Ratio Lower Upper  
107 100  
144 22.1 18.7 28.1  
142 74.7 57.5 86.3

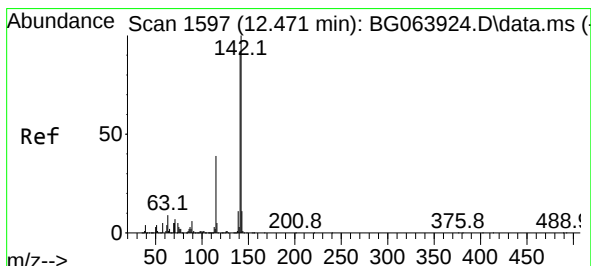
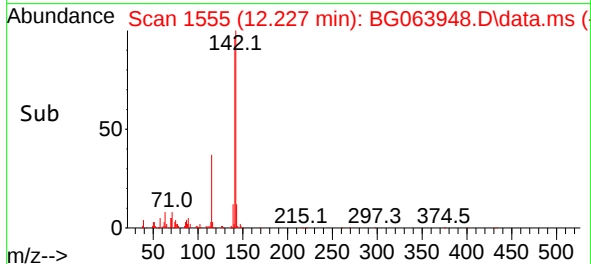
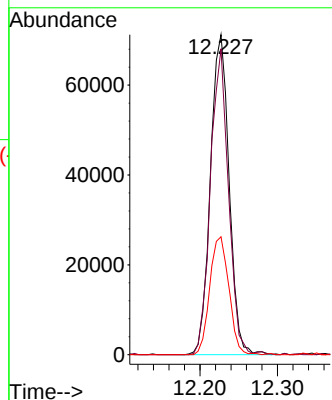
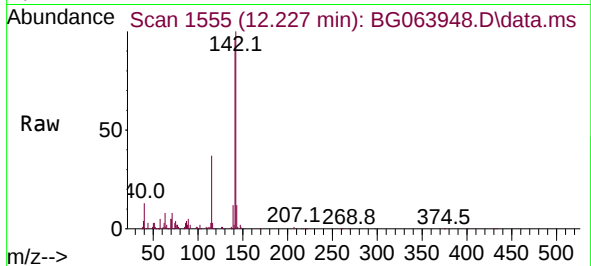




#37  
2-Methylnaphthalene  
Concen: 5.856 ng  
RT: 12.227 min Scan# 11  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

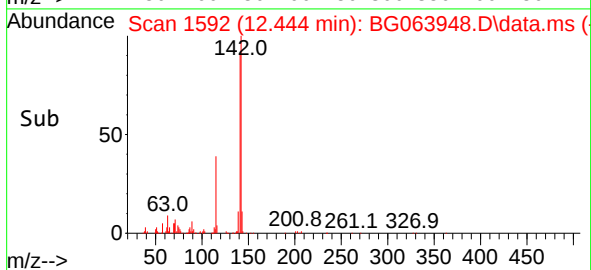
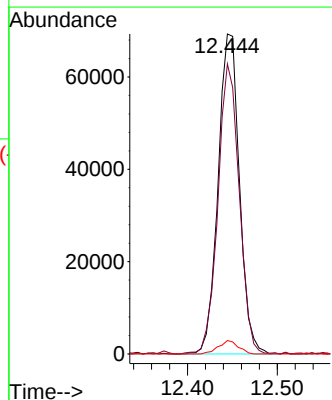
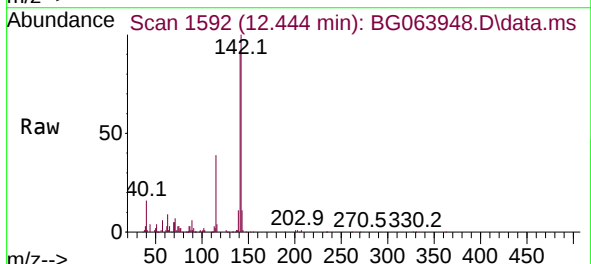
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

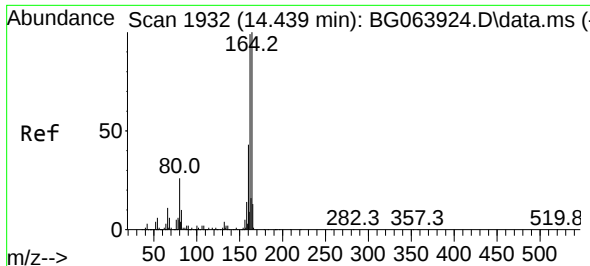
Tgt Ion:142 Resp: 119433  
Ion Ratio Lower Upper  
142 100  
141 95.6 70.8 106.2  
115 36.8 31.2 46.8



#38  
1-Methylnaphthalene  
Concen: 5.640 ng  
RT: 12.444 min Scan# 1592  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:142 Resp: 114394  
Ion Ratio Lower Upper  
142 100  
141 90.6 73.4 110.2  
116 4.2 3.7 5.5

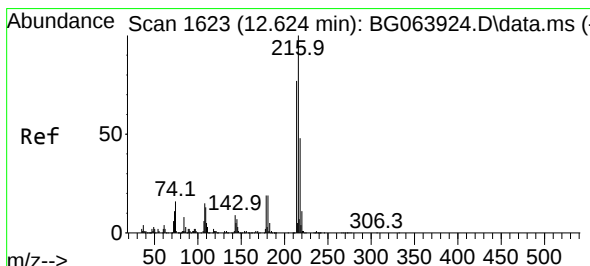
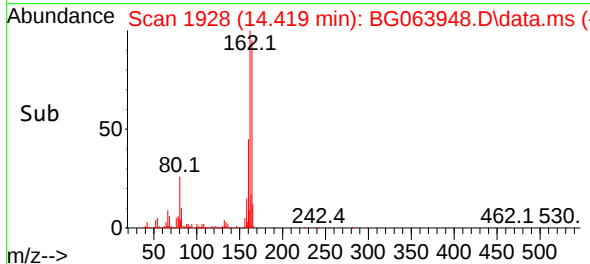
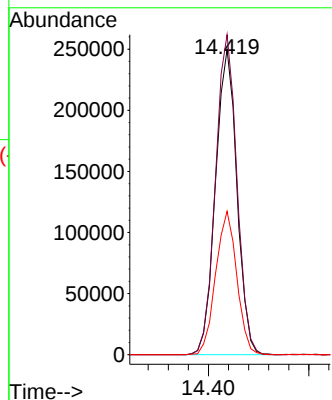
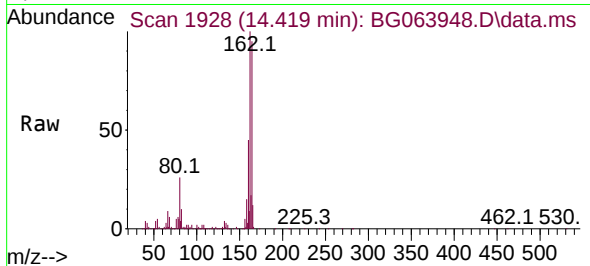




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.419 min Scan# 1619  
Delta R.T. -0.020 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

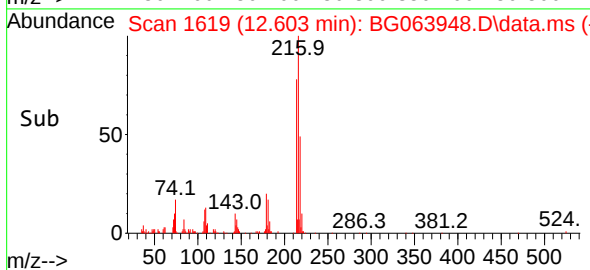
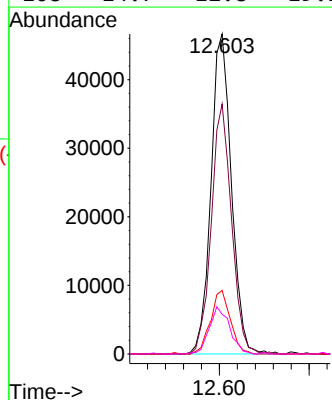
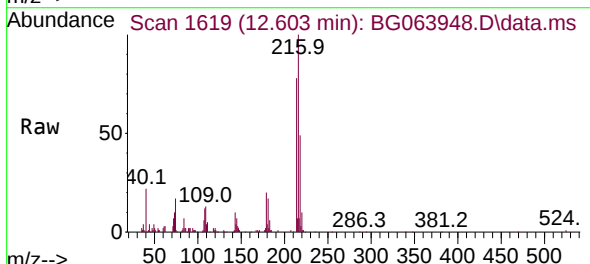
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

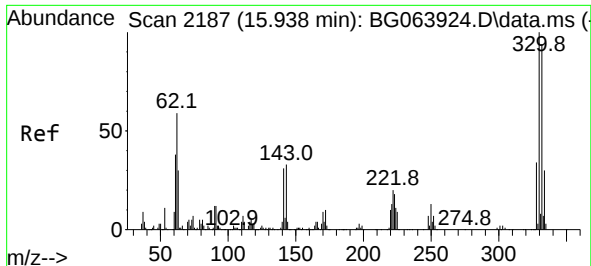
| Tgt Ion:  | 164   | Resp: | 369106 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 104.9 | 79.1  | 118.7  |
| 160       | 47.0  | 34.6  | 52.0   |



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 5.942 ng  
RT: 12.603 min Scan# 1619  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

| Tgt Ion:  | 216   | Resp: | 73580 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 77.3  | 61.8  | 92.8  |
| 179       | 19.3  | 15.5  | 23.3  |
| 108       | 14.7  | 12.8  | 19.2  |





#42

2,4,6-Tribromophenol

Concen: 94.649 ng

RT: 15.917 min Scan# 2187

Delta R.T. -0.021 min

Lab File: BG063948.D

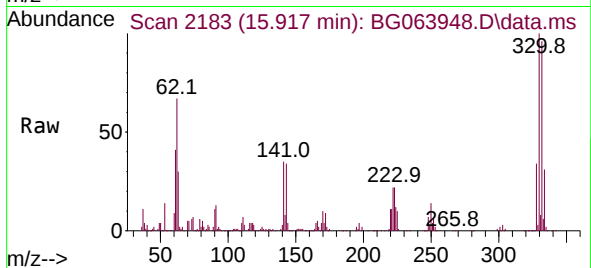
Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024



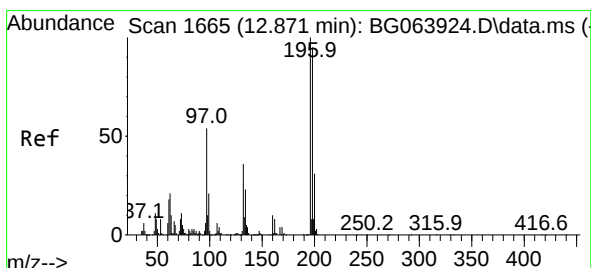
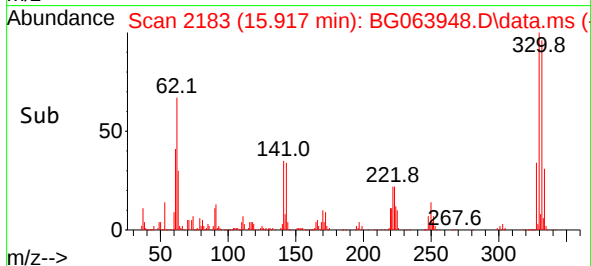
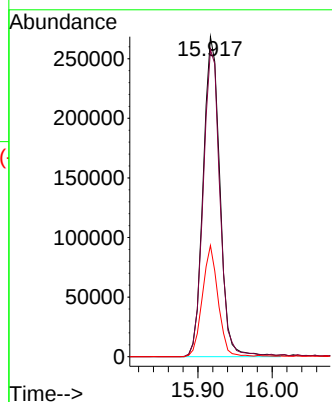
Tgt Ion:330 Resp: 421274

Ion Ratio Lower Upper

330 100

332 96.3 76.6 114.8

141 32.6 24.4 36.6



#43

2,4,6-Trichlorophenol

Concen: 5.232 ng

RT: 12.856 min Scan# 1662

Delta R.T. -0.015 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

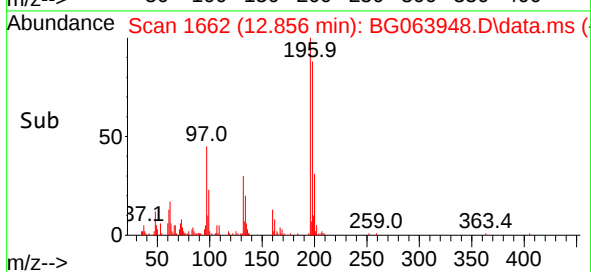
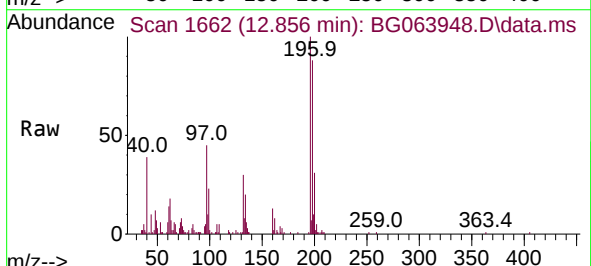
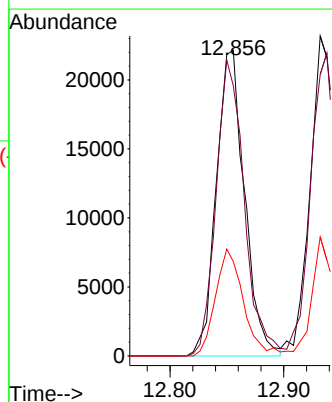
Tgt Ion:196 Resp: 38166

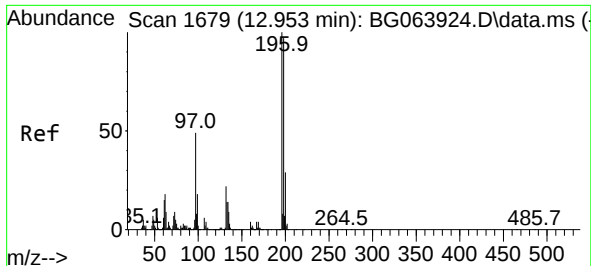
Ion Ratio Lower Upper

196 100

198 88.4 76.3 114.5

200 33.4 25.0 37.4

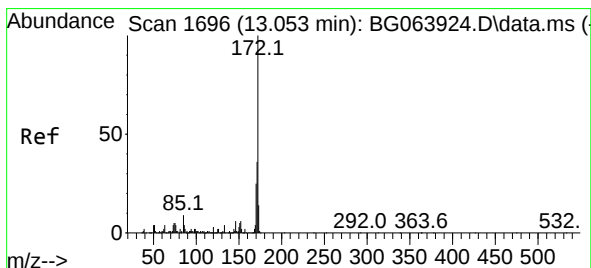
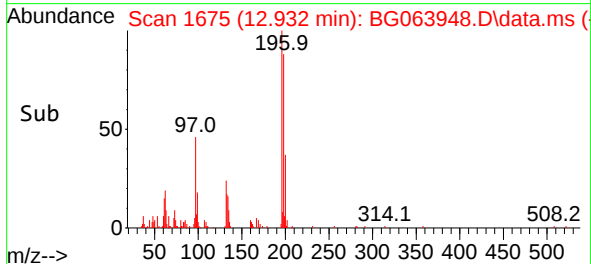
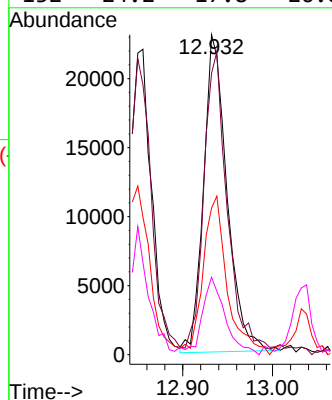
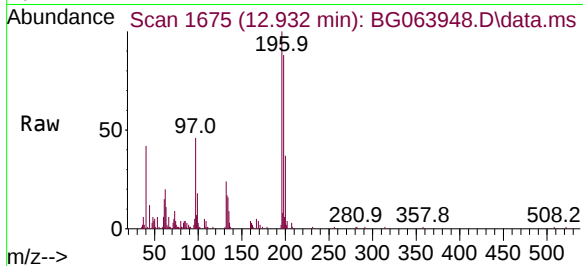




#44  
2,4,5-Trichlorophenol  
Concen: 5.102 ng  
RT: 12.932 min Scan# 1692  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

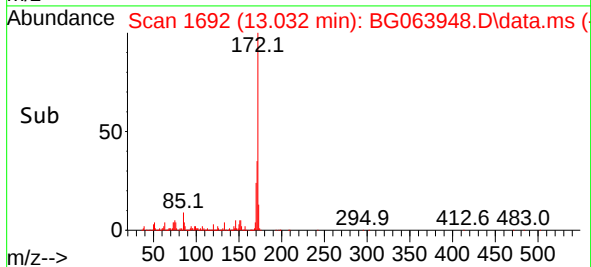
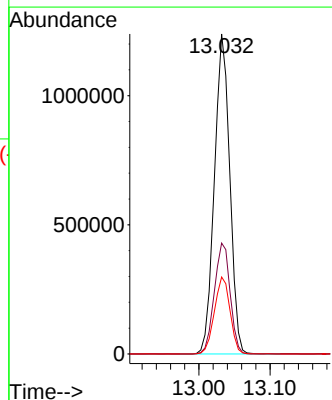
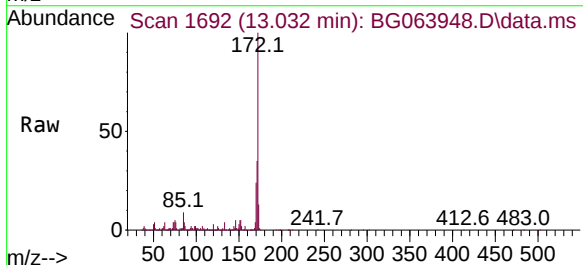
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

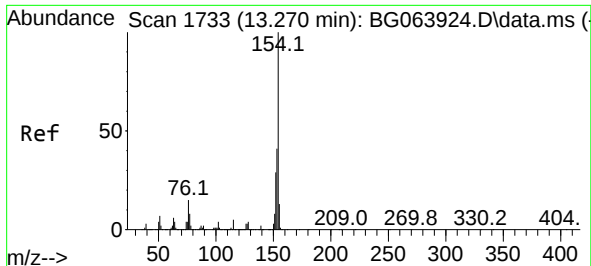
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 41767 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 88.0  | 77.7  | 116.5 |
| 97        | 45.8  | 39.5  | 59.3  |
| 132       | 24.2  | 17.8  | 26.8  |



#45  
2-Fluorobiphenyl  
Concen: 73.030 ng  
RT: 13.032 min Scan# 1692  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1860668 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 34.6  | 29.2  | 43.8    |
| 170       | 24.0  | 20.1  | 30.1    |

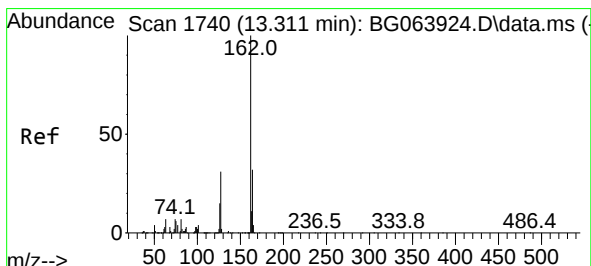
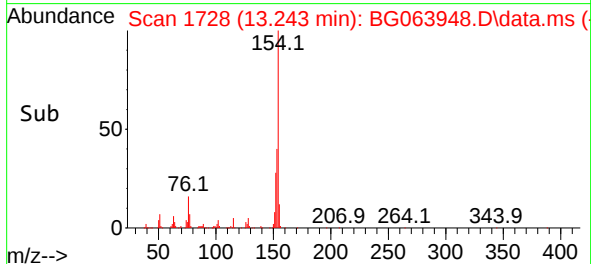
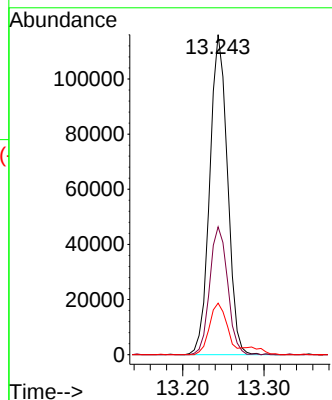
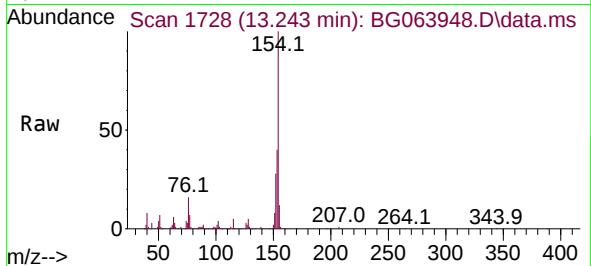




#46  
1,1'-Biphenyl  
Concen: 6.530 ng  
RT: 13.243 min Scan# 1  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

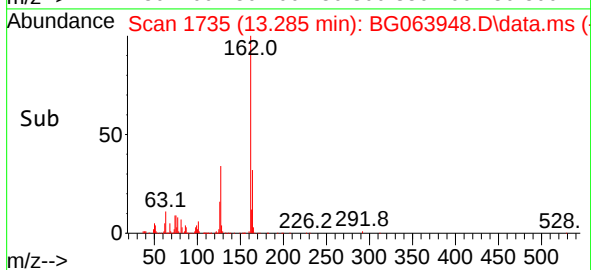
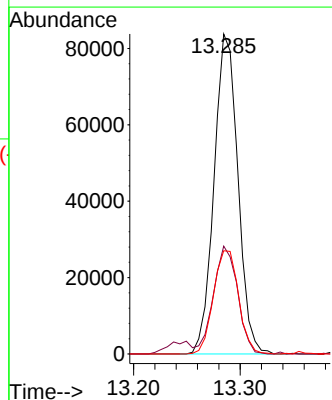
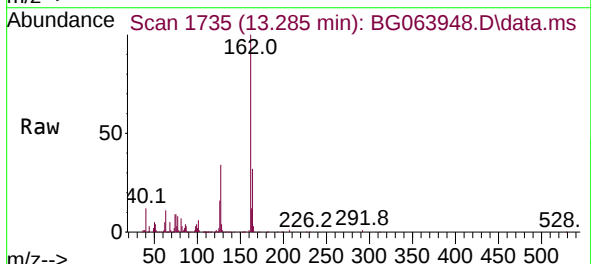
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

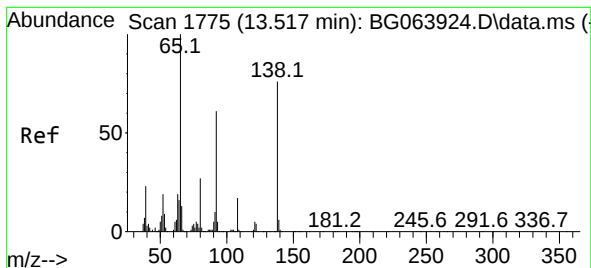
Tgt Ion:154 Resp: 175928  
Ion Ratio Lower Upper  
154 100  
153 40.0 21.4 61.4  
76 16.1 0.0 35.0



#47  
2-Chloronaphthalene  
Concen: 5.866 ng  
RT: 13.285 min Scan# 1735  
Delta R.T. -0.026 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:162 Resp: 129918  
Ion Ratio Lower Upper  
162 100  
127 33.7 25.6 38.4  
164 32.3 25.7 38.5





#48

2-Nitroaniline

Concen: 4.869 ng

RT: 13.496 min Scan# 1

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

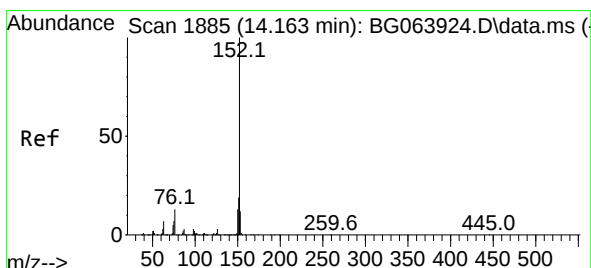
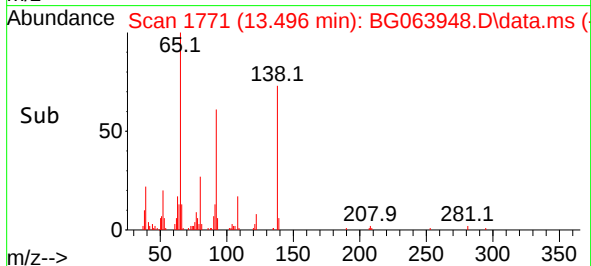
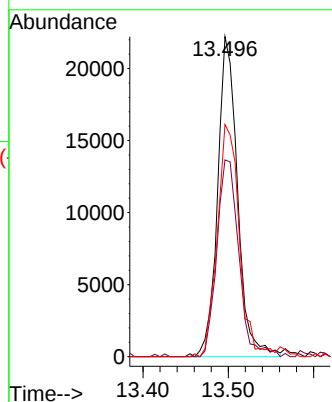
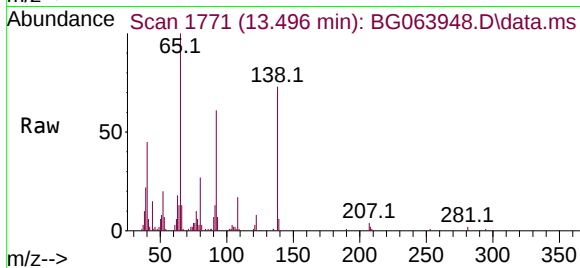
Tgt Ion: 65 Resp: 36083

Ion Ratio Lower Upper

65 100

92 61.5 48.9 73.3

138 72.5 61.0 91.6



#49

Acenaphthylene

Concen: 6.458 ng

RT: 14.137 min Scan# 1880

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

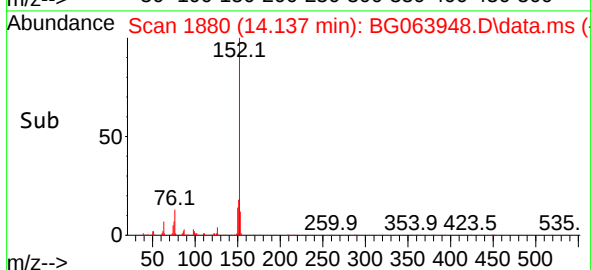
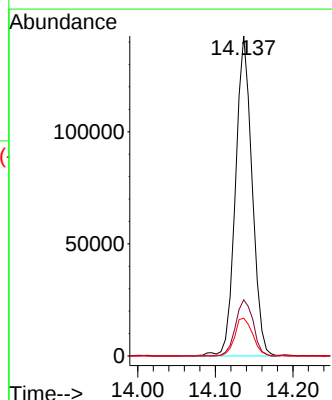
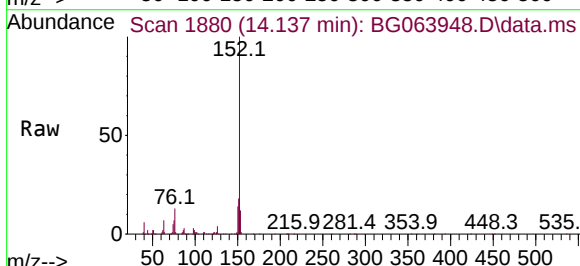
Tgt Ion:152 Resp: 211926

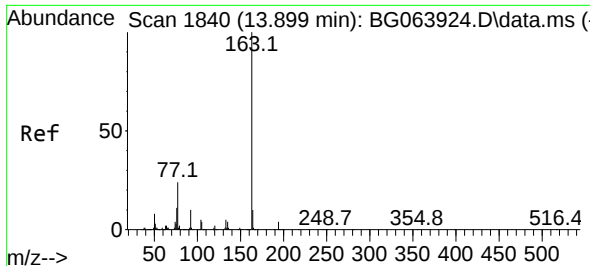
Ion Ratio Lower Upper

152 100

151 17.5 15.5 23.3

153 11.8 9.9 14.9

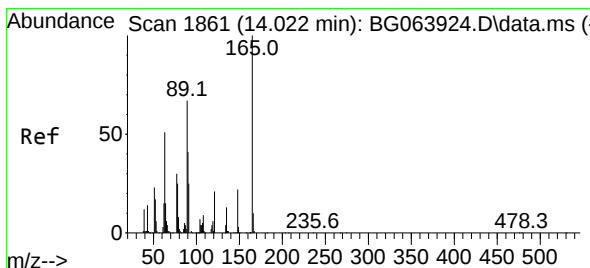
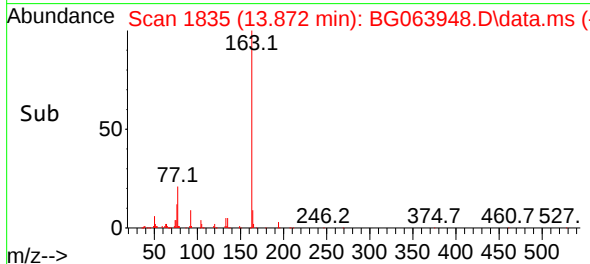
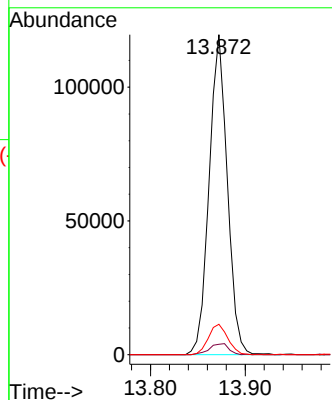
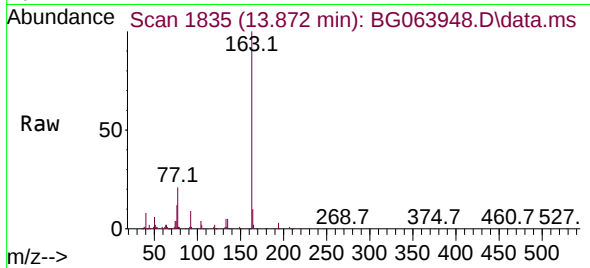




#50  
Dimethylphthalate  
Concen: 5.895 ng  
RT: 13.872 min Scan# 1835  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

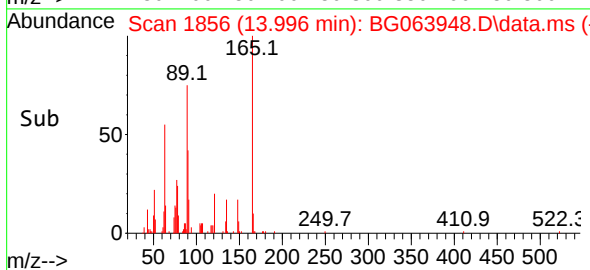
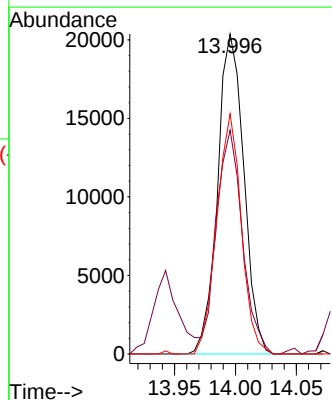
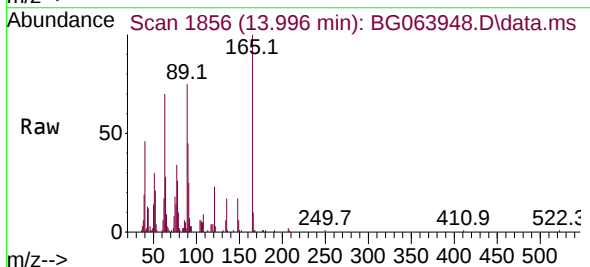
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

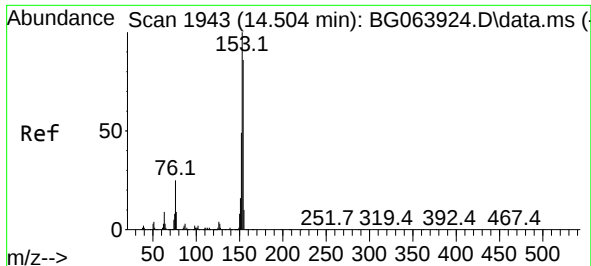
Tgt Ion:163 Resp: 158924  
Ion Ratio Lower Upper  
163 100  
194 3.2 3.0 4.4  
164 9.5 7.8 11.8



#51  
2,6-Dinitrotoluene  
Concen: 5.069 ng  
RT: 13.996 min Scan# 1856  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:165 Resp: 30440  
Ion Ratio Lower Upper  
165 100  
63 69.9 53.9 80.9  
89 75.1 53.8 80.8

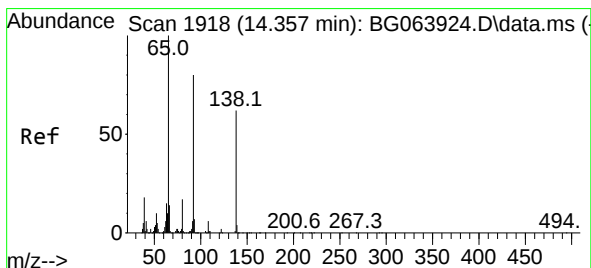
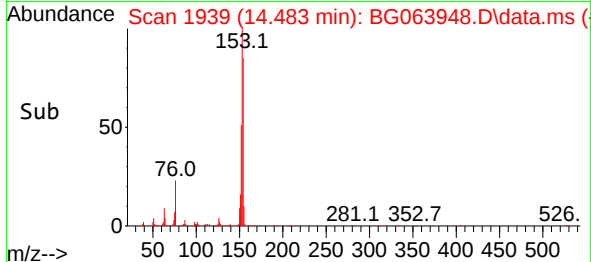
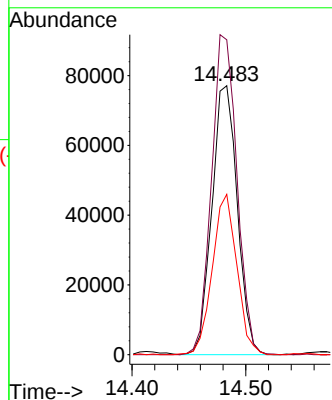
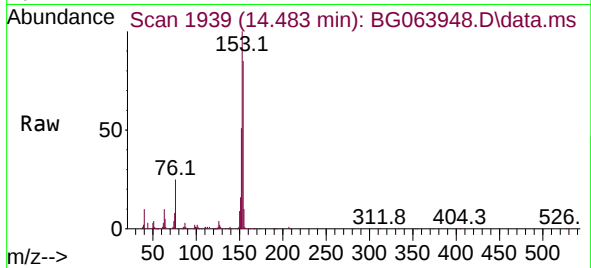




#52  
Acenaphthene  
Concen: 5.973 ng  
RT: 14.483 min Scan# 1939  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

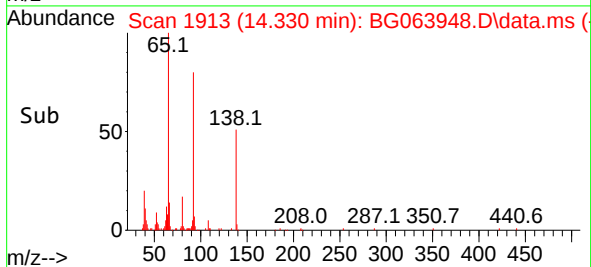
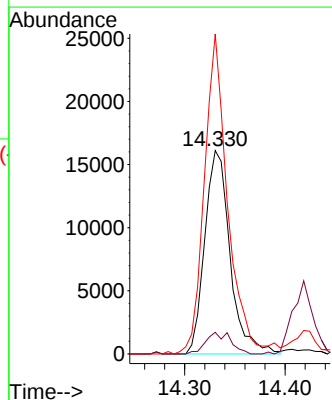
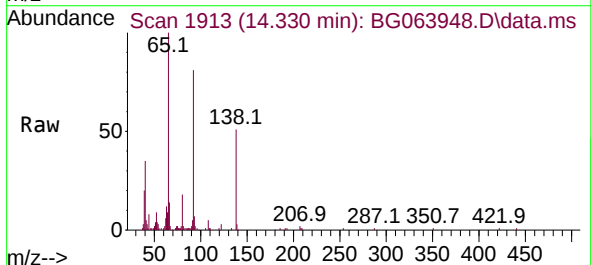
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT1-2024

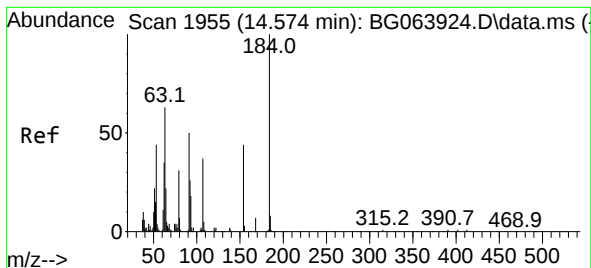
Tgt Ion:154 Resp: 119839  
Ion Ratio Lower Upper  
154 100  
153 117.1 93.4 140.0  
152 59.6 46.1 69.1



#53  
3-Nitroaniline  
Concen: 5.123 ng  
RT: 14.330 min Scan# 1913  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:138 Resp: 28226  
Ion Ratio Lower Upper  
138 100  
108 10.6 7.8 11.8  
92 157.3 104.2 156.2#





#54

2,4-Dinitrophenol

Concen: 9.202 ng m

RT: 14.565 min Scan# 1953

Delta R.T. -0.009 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

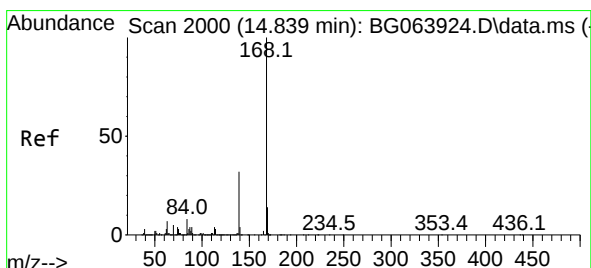
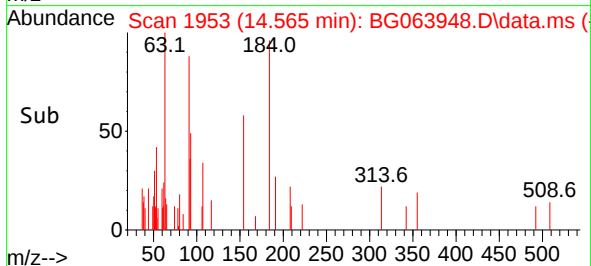
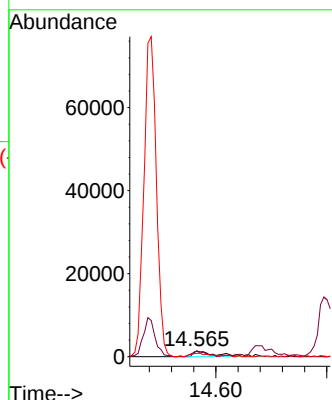
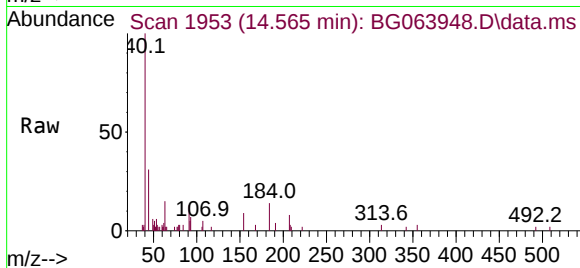
Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:184 | Resp: | 4375       |
| Ion Ratio   | Lower | Upper      |
| 184         | 100   |            |
| 63          | 104.4 | 50.8 76.2# |
| 154         | 60.3  | 44.2 66.2  |



#55

Dibenzofuran

Concen: 6.087 ng

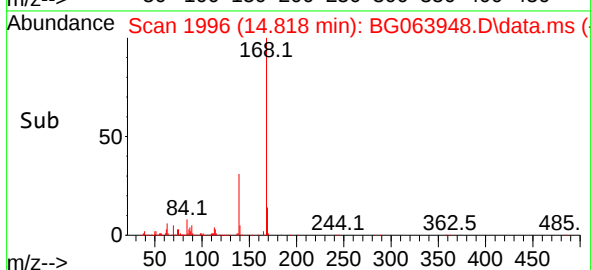
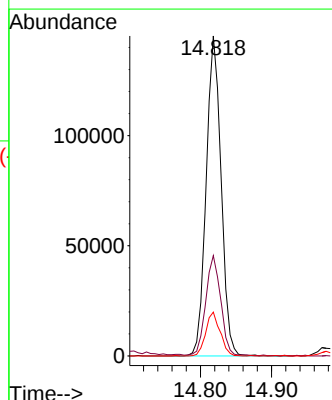
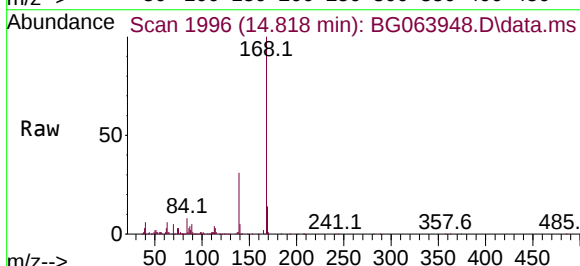
RT: 14.818 min Scan# 1996

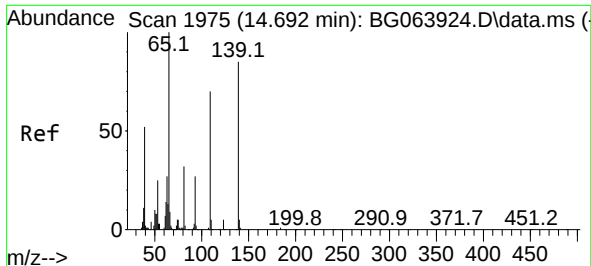
Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:168 | Resp: | 212002    |
| Ion Ratio   | Lower | Upper     |
| 168         | 100   |           |
| 139         | 31.4  | 26.0 39.0 |
| 169         | 13.7  | 10.8 16.2 |

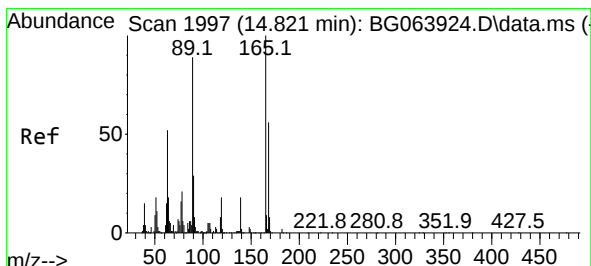
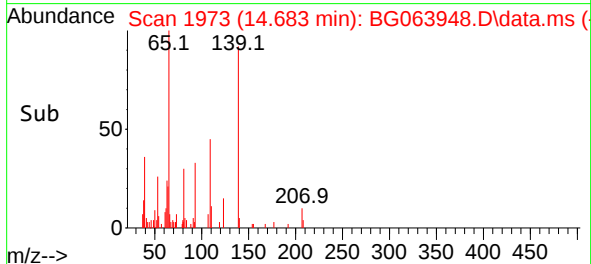
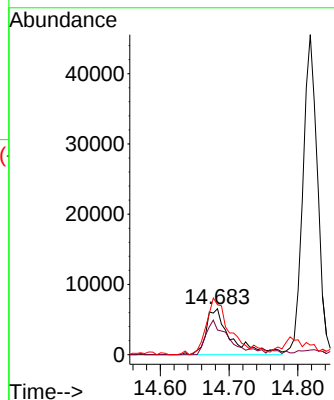
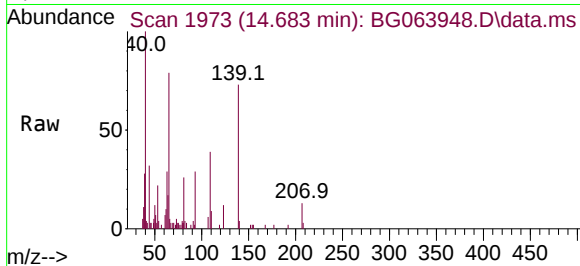




#56  
4-Nitrophenol  
Concen: 4.353 ng m  
RT: 14.683 min Scan# 1973  
Delta R.T. -0.009 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

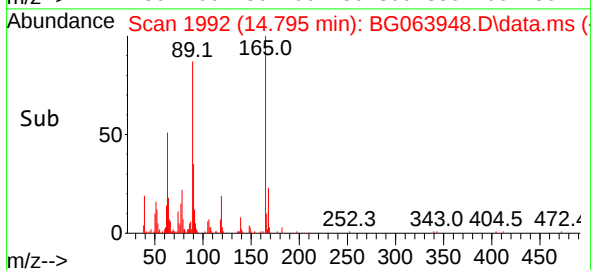
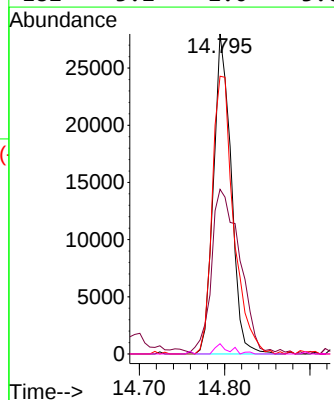
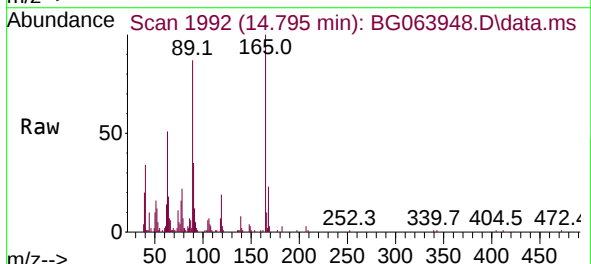
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

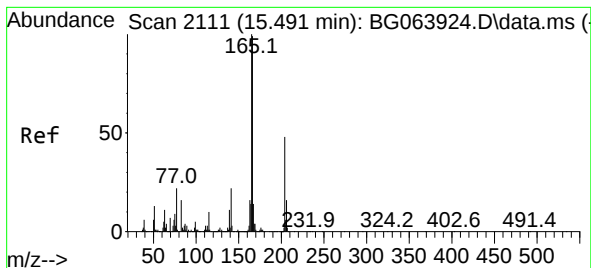
Tgt Ion:139 Resp: 16446  
Ion Ratio Lower Upper  
139 100  
109 53.6 62.8 102.8#  
65 108.8 98.2 138.2



#57  
2,4-Dinitrotoluene  
Concen: 4.774 ng  
RT: 14.795 min Scan# 1992  
Delta R.T. -0.026 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:165 Resp: 40249  
Ion Ratio Lower Upper  
165 100  
63 51.4 41.6 62.4  
89 86.8 71.0 106.6  
182 3.2 2.0 3.0#





#58

Fluorene

Concen: 6.148 ng

RT: 15.470 min Scan# 2111

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

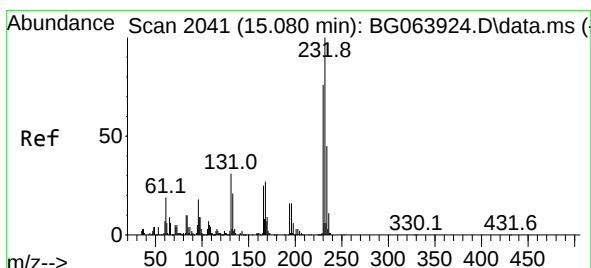
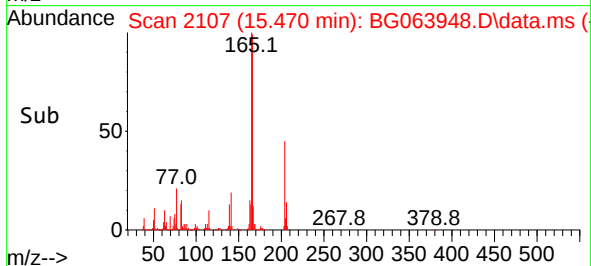
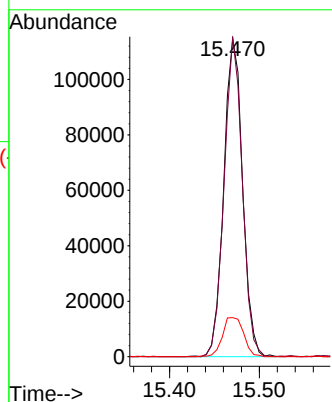
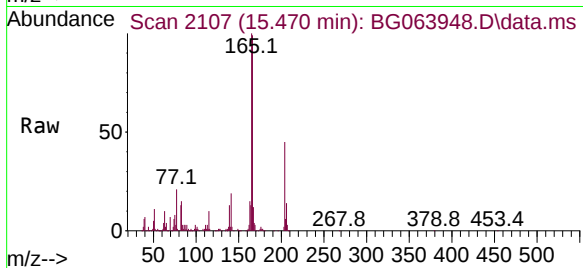
Tgt Ion:166 Resp: 166379

Ion Ratio Lower Upper

166 100

165 100.8 81.2 121.8

167 12.3 11.2 16.8



#59

2,3,4,6-Tetrachlorophenol

Concen: 4.789 ng

RT: 15.059 min Scan# 2037

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Tgt Ion:232 Resp: 34592

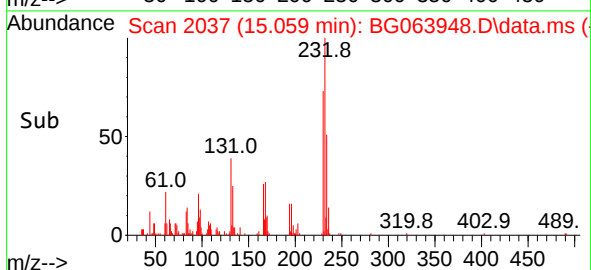
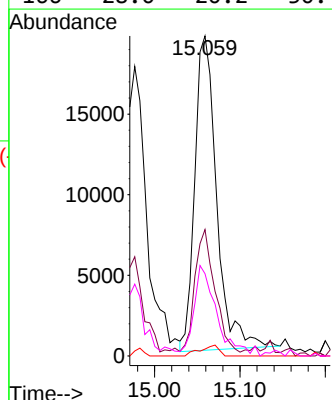
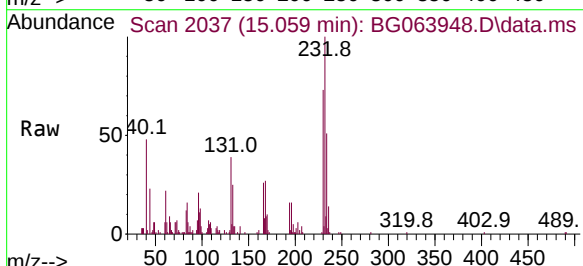
Ion Ratio Lower Upper

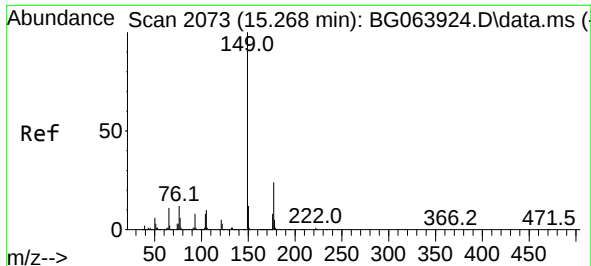
232 100

131 38.9 25.8 38.6#

130 3.0 1.5 2.3#

166 28.0 20.2 30.4

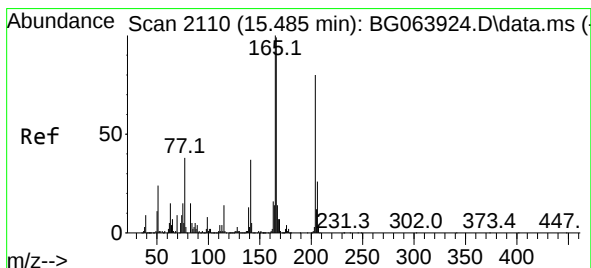
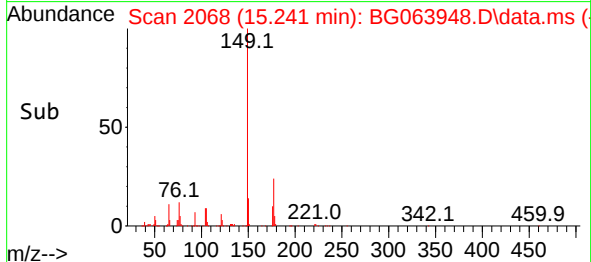
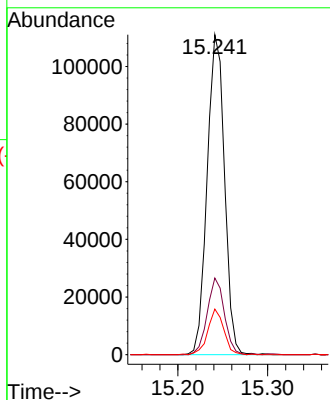
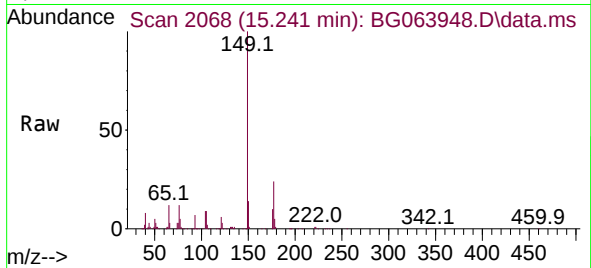




#60  
Diethylphthalate  
Concen: 5.605 ng  
RT: 15.241 min Scan# 2073  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

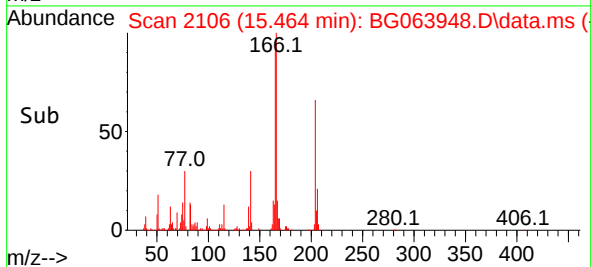
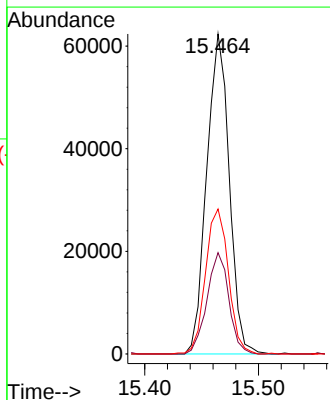
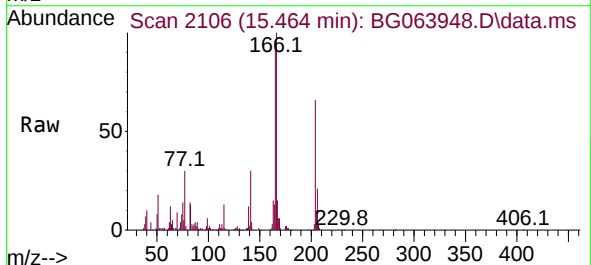
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

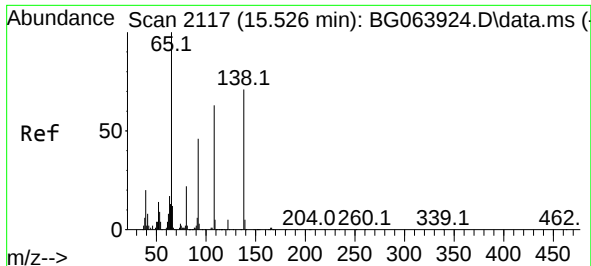
Tgt Ion:149 Resp: 148934  
Ion Ratio Lower Upper  
149 100  
177 24.0 19.1 28.7  
150 14.2 9.8 14.8



#61  
4-Chlorophenyl-phenylether  
Concen: 5.848 ng  
RT: 15.464 min Scan# 2106  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:204 Resp: 85797  
Ion Ratio Lower Upper  
204 100  
206 31.7 26.3 39.5  
141 45.3 36.6 55.0

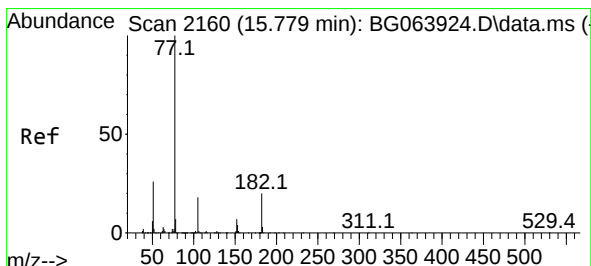
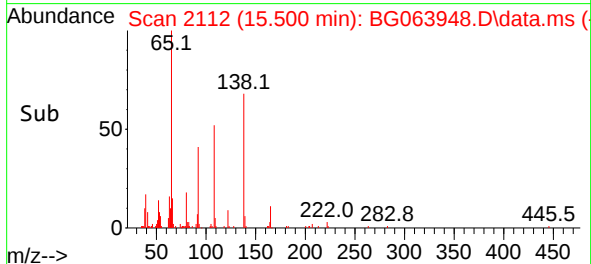
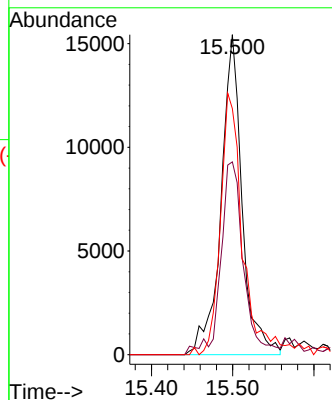
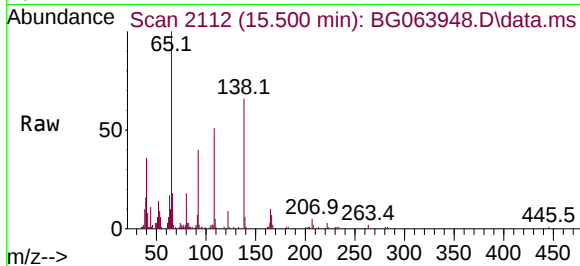




#62  
4-Nitroaniline  
Concen: 4.864 ng  
RT: 15.500 min Scan# 2117  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

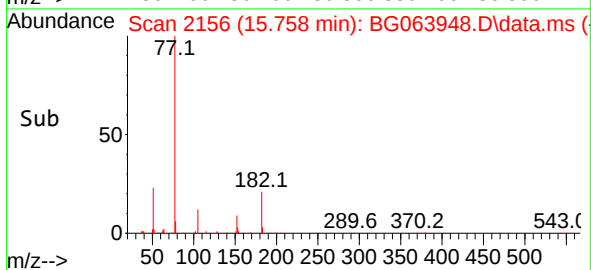
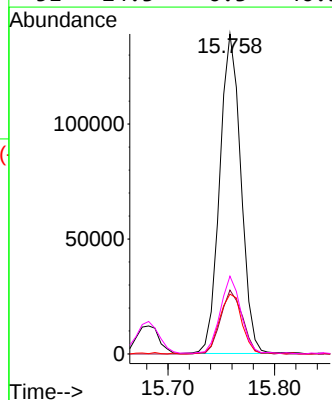
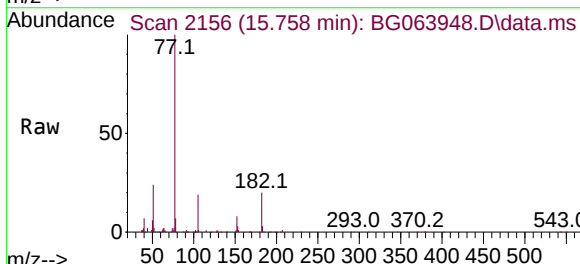
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

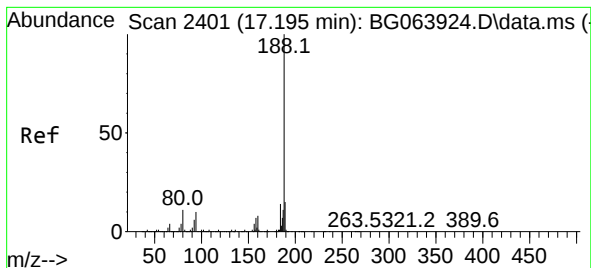
Tgt Ion:138 Resp: 27856  
Ion Ratio Lower Upper  
138 100  
92 60.2 43.9 83.9  
108 76.9 68.3 108.3



#63  
Azobenzene  
Concen: 5.691 ng  
RT: 15.758 min Scan# 2156  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion: 77 Resp: 191313  
Ion Ratio Lower Upper  
77 100  
182 20.0 0.2 40.2  
105 18.7 0.0 37.9  
51 24.3 6.3 46.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.174 min Scan# 21

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

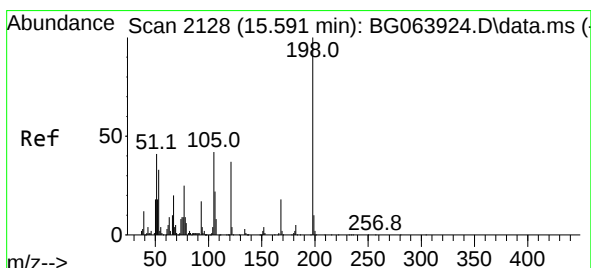
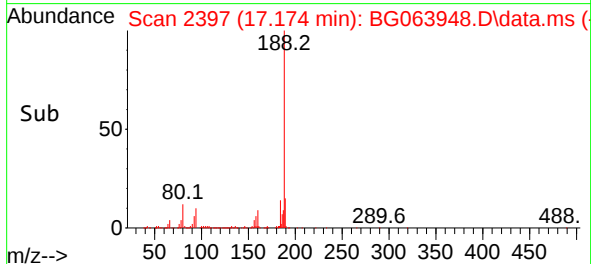
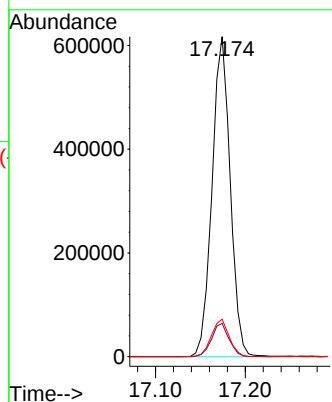
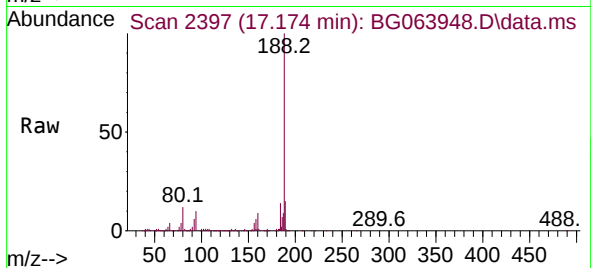
Tgt Ion:188 Resp: 865565

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

80 11.7 9.1 13.7



#65

4,6-Dinitro-2-methylphenol

Concen: 3.422 ng

RT: 15.576 min Scan# 2125

Delta R.T. -0.015 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

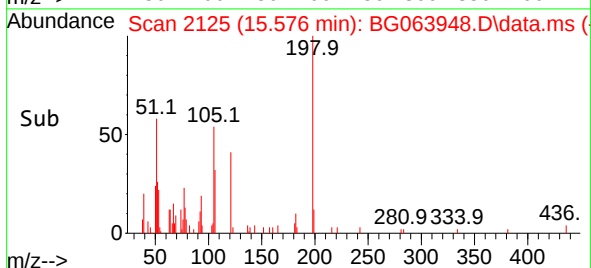
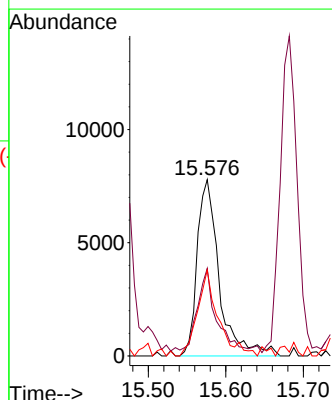
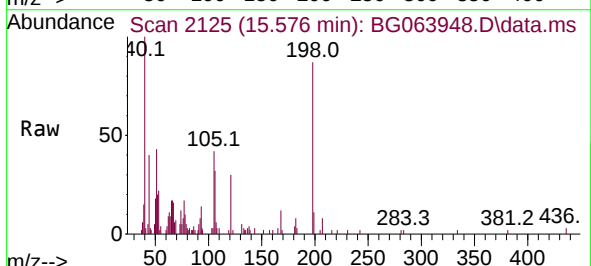
Tgt Ion:198 Resp: 15445

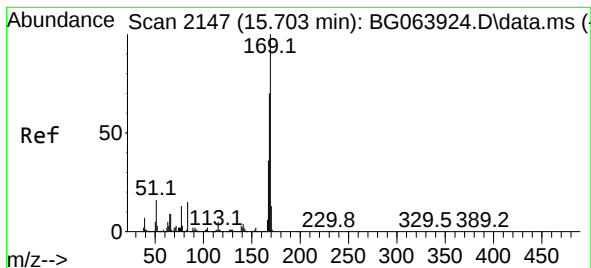
Ion Ratio Lower Upper

198 100

51 49.6 22.5 62.5

105 48.8 22.2 62.2





#66

n-Nitrosodiphenylamine

Concen: 6.035 ng

RT: 15.682 min Scan# 2143

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

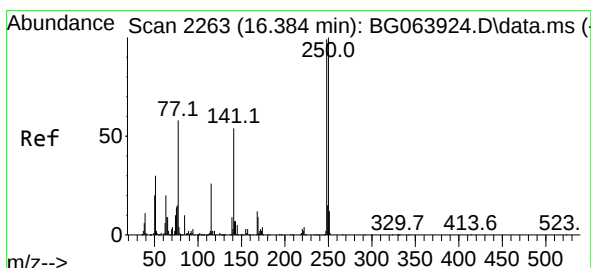
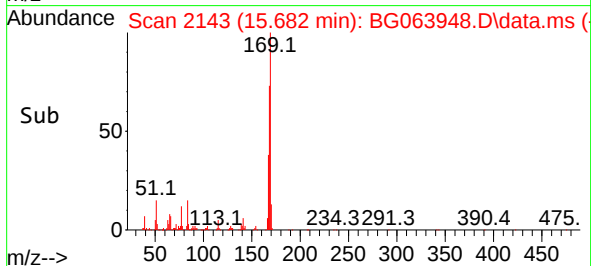
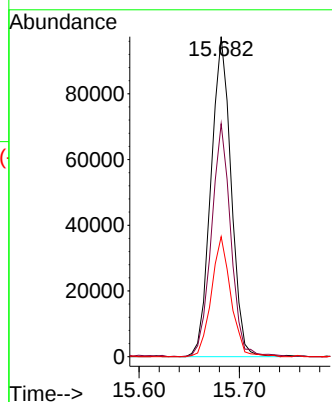
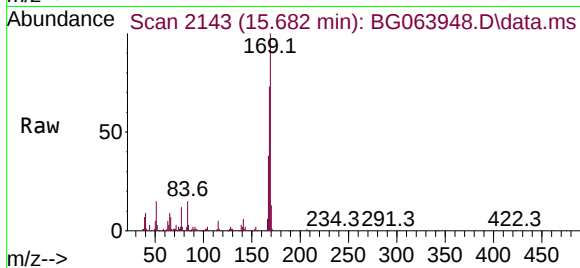
Tgt Ion:169 Resp: 136044

Ion Ratio Lower Upper

169 100

168 72.8 56.2 84.2

167 37.5 29.2 43.8



#67

4-Bromophenyl-phenylether

Concen: 5.691 ng

RT: 16.363 min Scan# 2259

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

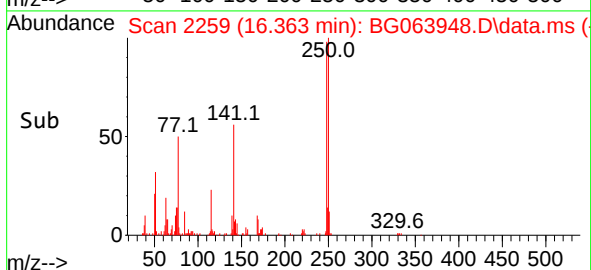
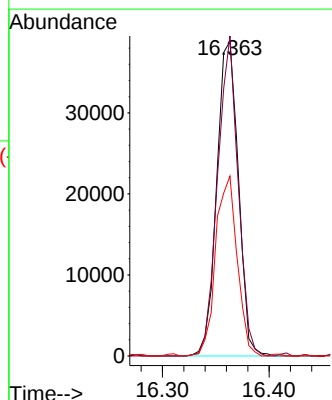
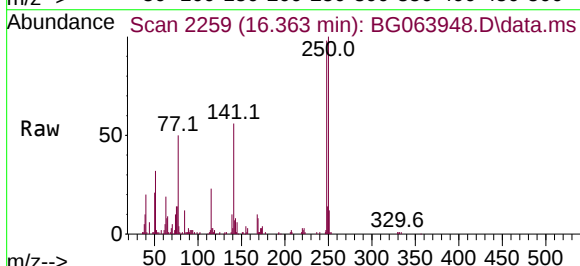
Tgt Ion:248 Resp: 54454

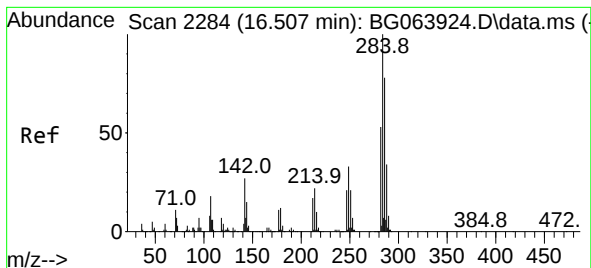
Ion Ratio Lower Upper

248 100

250 101.7 80.7 121.1

141 57.2 43.3 64.9





#68

Hexachlorobenzene

Concen: 5.755 ng

RT: 16.481 min Scan# 21

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

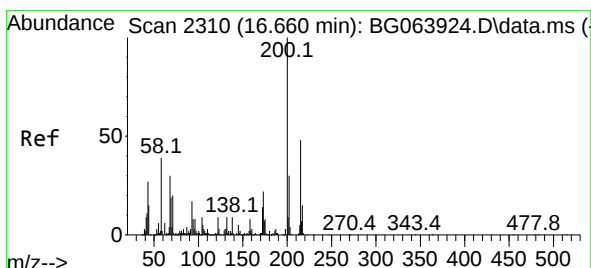
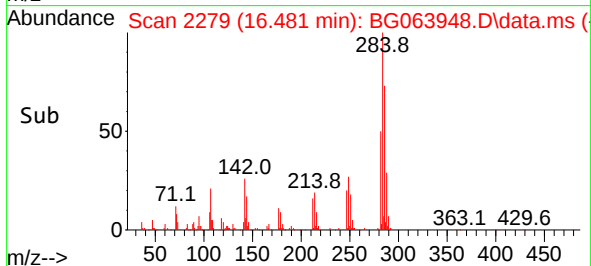
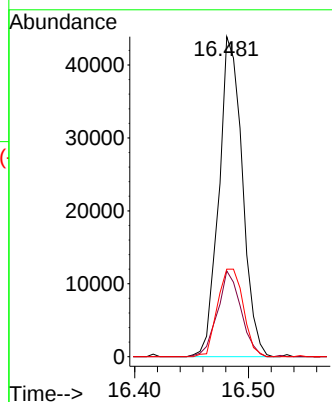
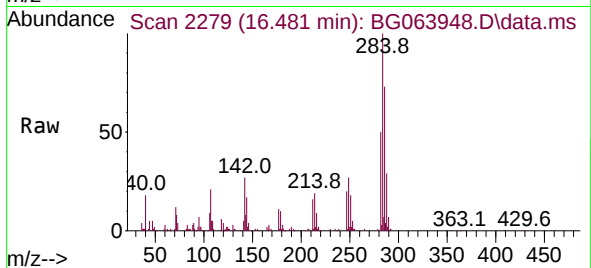
Tgt Ion:284 Resp: 62863

Ion Ratio Lower Upper

284 100

142 26.8 22.0 33.0

249 27.3 26.2 39.2



#69

Atrazine

Concen: 7.230 ng

RT: 16.634 min Scan# 2305

Delta R.T. -0.026 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

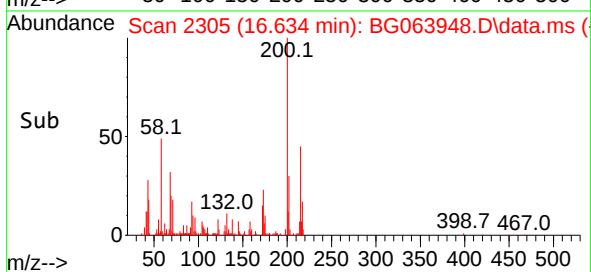
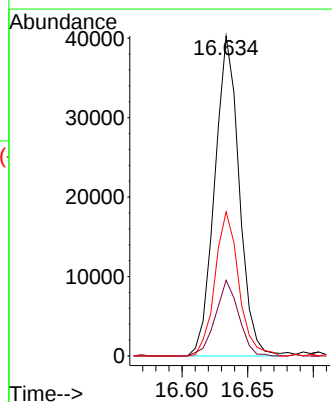
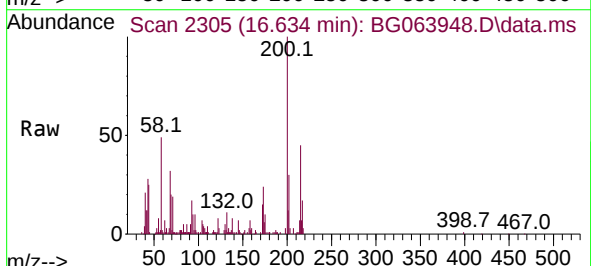
Tgt Ion:200 Resp: 52243

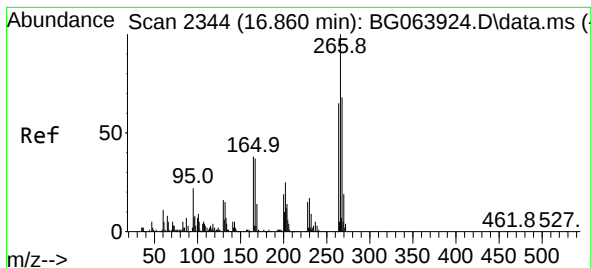
Ion Ratio Lower Upper

200 100

173 23.6 2.4 42.4

215 45.1 27.6 67.6





#70

Pentachlorophenol

Concen: 3.297 ng m

RT: 16.845 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

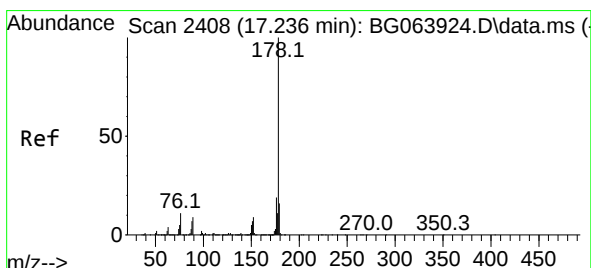
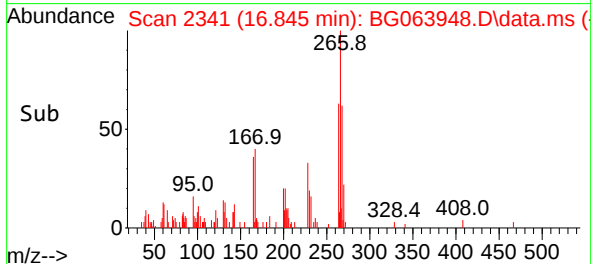
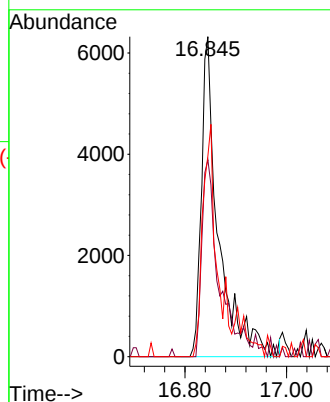
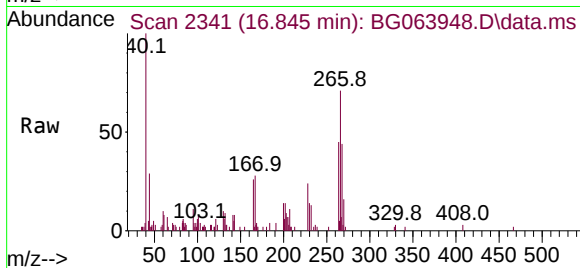
Tgt Ion:266 Resp: 14941

Ion Ratio Lower Upper

266 100

268 61.5 54.5 81.7

264 62.7 52.2 78.4



#71

Phenanthrene

Concen: 6.356 ng

RT: 17.215 min Scan# 2404

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

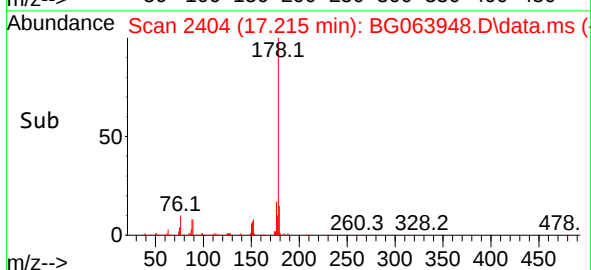
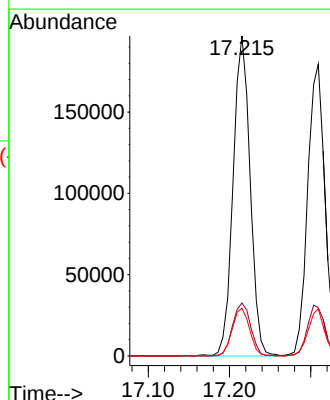
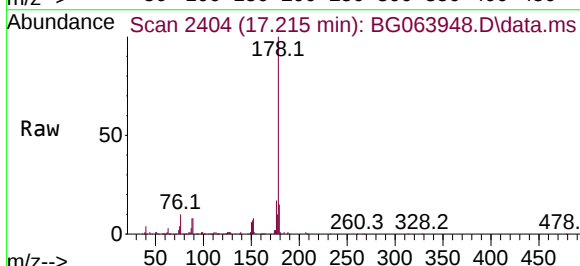
Tgt Ion:178 Resp: 286156

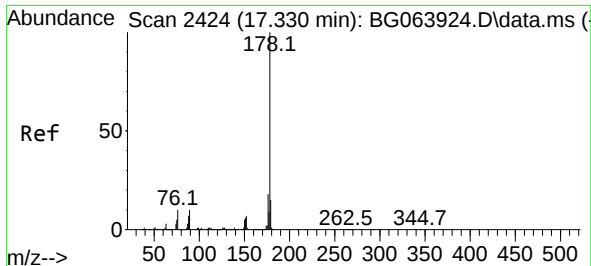
Ion Ratio Lower Upper

178 100

176 16.5 15.0 22.4

179 15.0 12.5 18.7

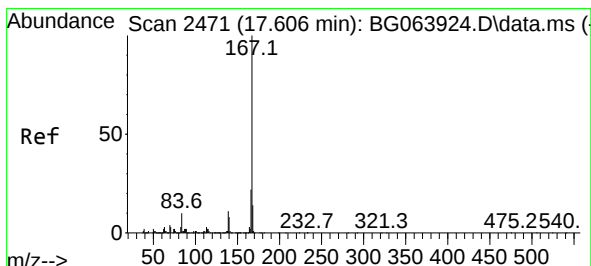
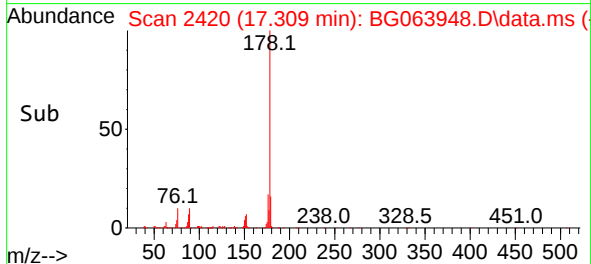
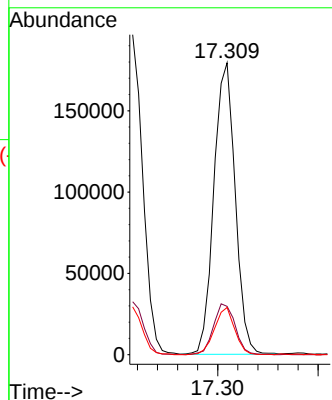
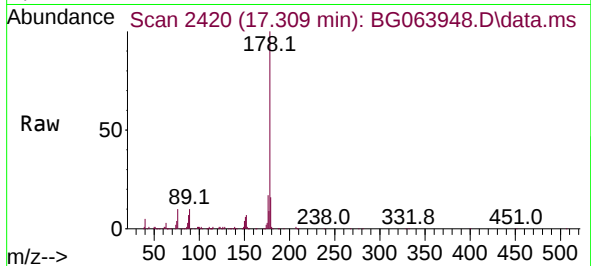




#72  
 Anthracene  
 Concen: 6.025 ng  
 RT: 17.309 min Scan# 24  
 Delta R.T. -0.021 min  
 Lab File: BG063948.D  
 Acq: 10 Jan 2025 12:48

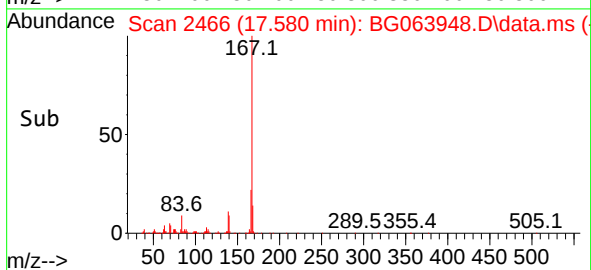
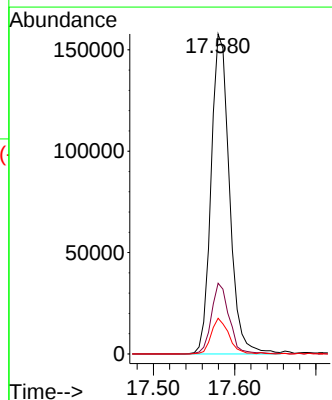
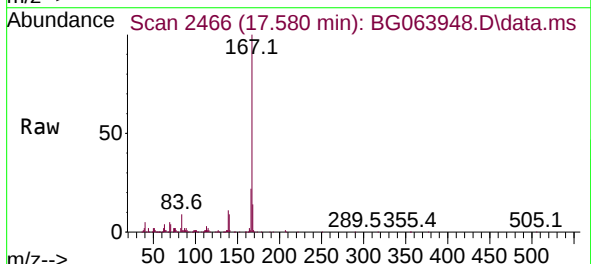
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2024

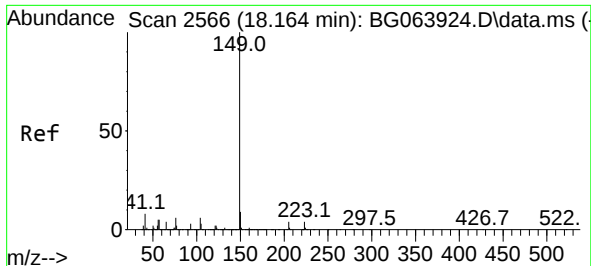
Tgt Ion:178 Resp: 264069  
 Ion Ratio Lower Upper  
 178 100  
 176 16.6 14.5 21.7  
 179 16.2 12.1 18.1



#73  
 Carbazole  
 Concen: 6.117 ng  
 RT: 17.580 min Scan# 2466  
 Delta R.T. -0.027 min  
 Lab File: BG063948.D  
 Acq: 10 Jan 2025 12:48

Tgt Ion:167 Resp: 247571  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.4 26.0  
 139 11.2 9.0 13.6

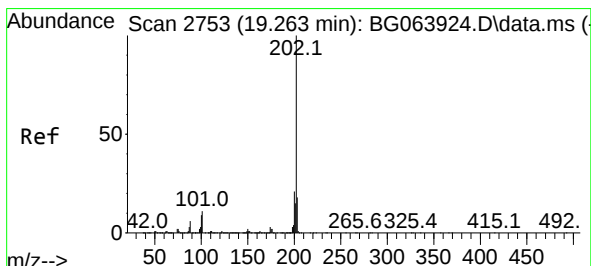
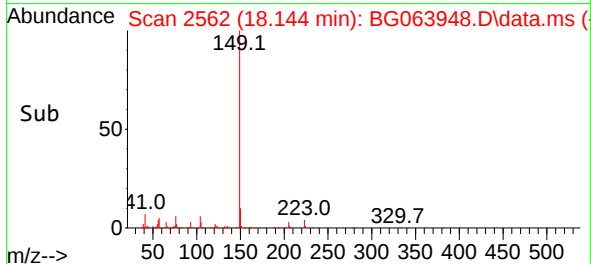
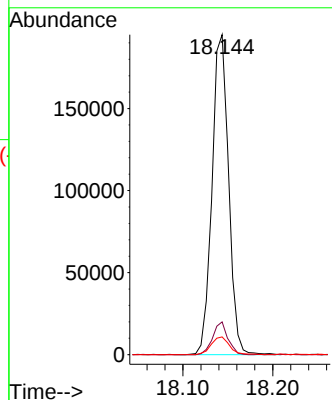
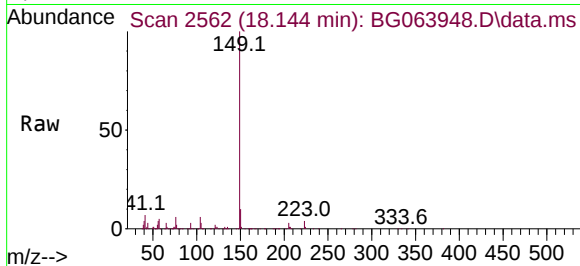




#74  
Di-n-butylphthalate  
Concen: 5.540 ng  
RT: 18.144 min Scan# 21  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

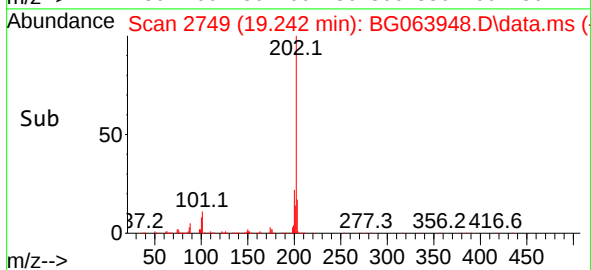
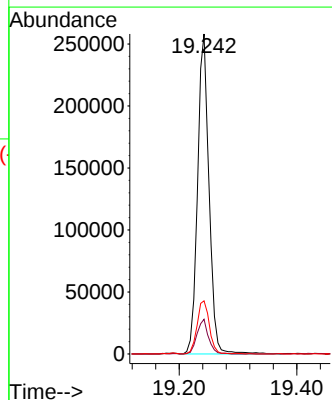
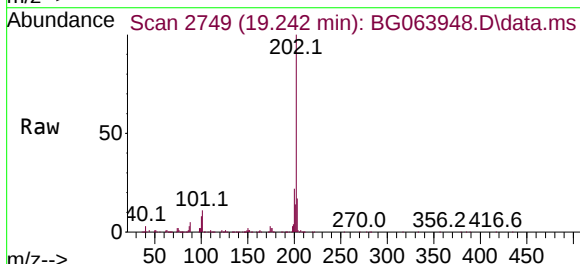
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

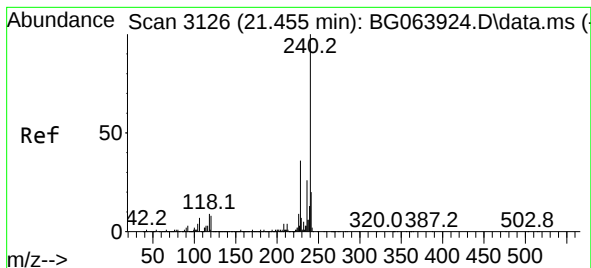
Tgt Ion:149 Resp: 249874  
Ion Ratio Lower Upper  
149 100  
150 10.2 7.4 11.0  
104 5.6 4.9 7.3



#75  
Fluoranthene  
Concen: 6.122 ng  
RT: 19.242 min Scan# 2749  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:202 Resp: 347844  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 31.1  
203 16.6 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.428 min Scan# 31

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

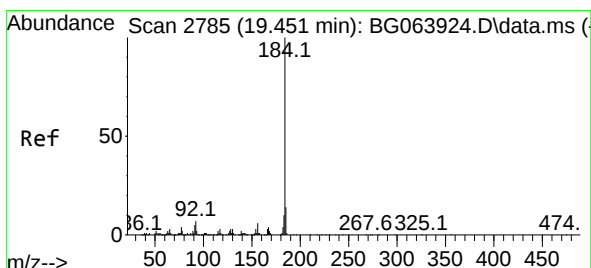
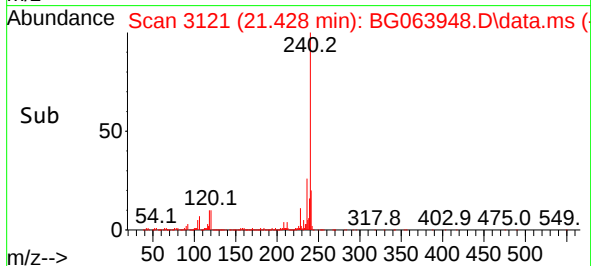
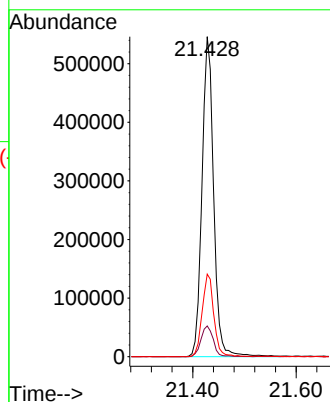
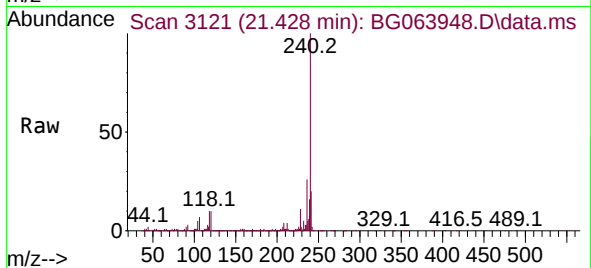
Tgt Ion:240 Resp: 852123

Ion Ratio Lower Upper

240 100

120 9.6 6.7 10.1

236 25.8 21.2 31.8



#77

Benzidine

Concen: 4.556 ng

RT: 19.424 min Scan# 2780

Delta R.T. -0.027 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

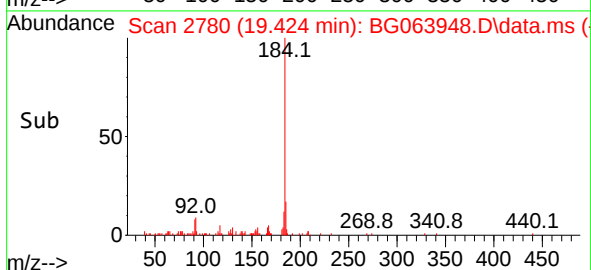
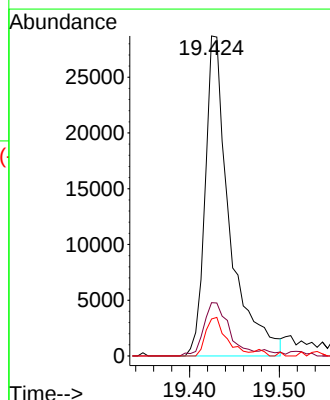
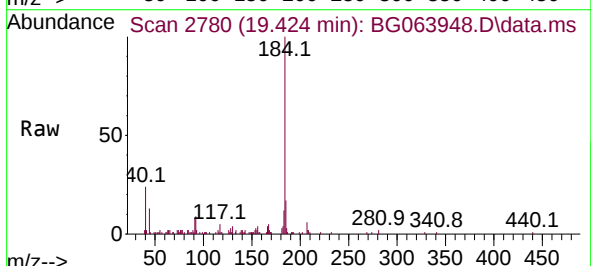
Tgt Ion:184 Resp: 54326

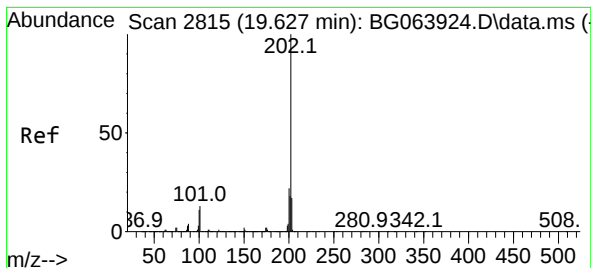
Ion Ratio Lower Upper

184 100

185 16.7 11.4 17.2

183 11.6 8.4 12.6





#78

Pyrene

Concen: 6.329 ng

RT: 19.607 min Scan# 2811

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

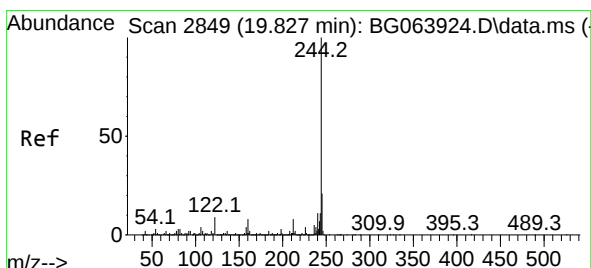
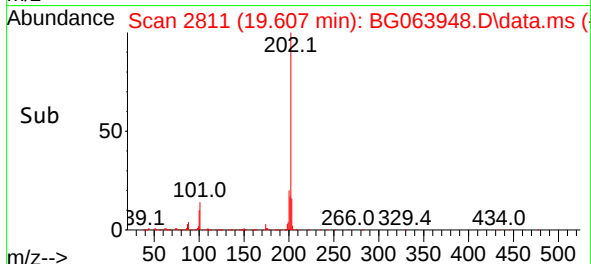
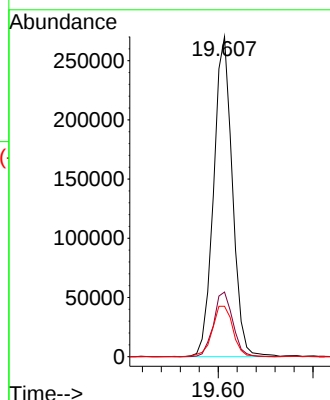
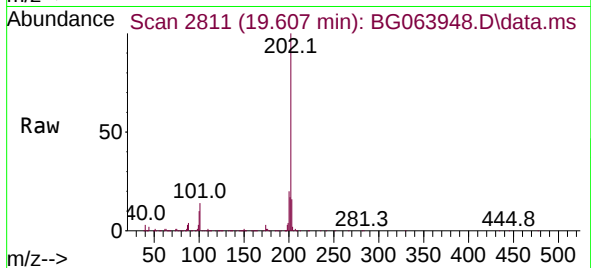
Tgt Ion:202 Resp: 369945

Ion Ratio Lower Upper

202 100

200 20.2 17.3 25.9

203 15.8 13.9 20.9



#79

Terphenyl-d14

Concen: 70.126 ng

RT: 19.812 min Scan# 2846

Delta R.T. -0.015 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

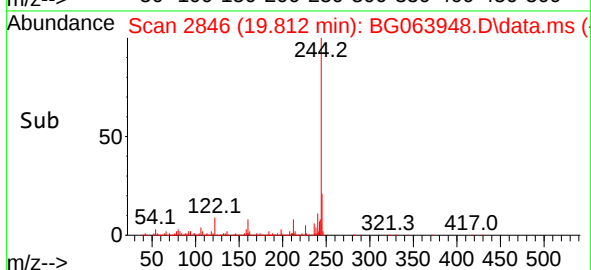
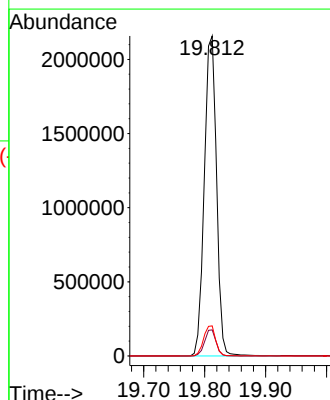
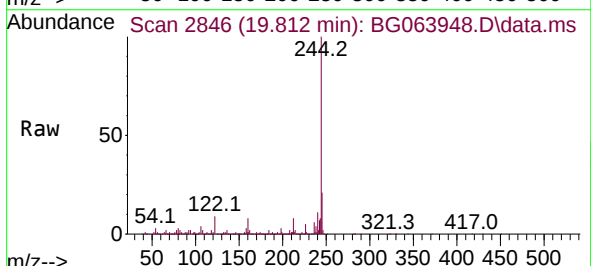
Tgt Ion:244 Resp: 3009555

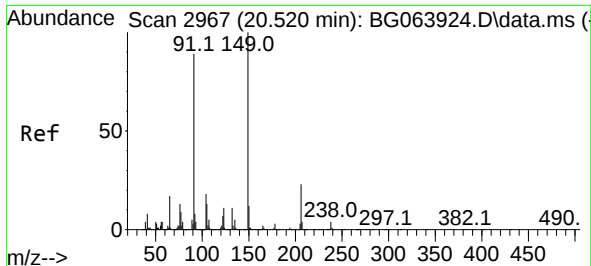
Ion Ratio Lower Upper

244 100

212 8.1 6.7 10.1

122 9.4 7.4 11.0

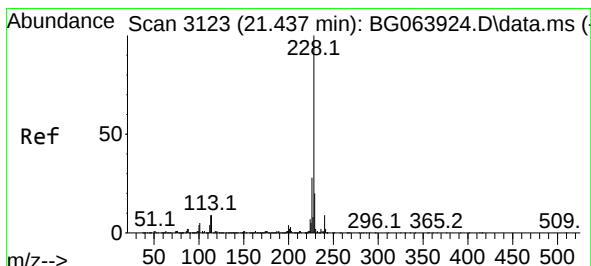
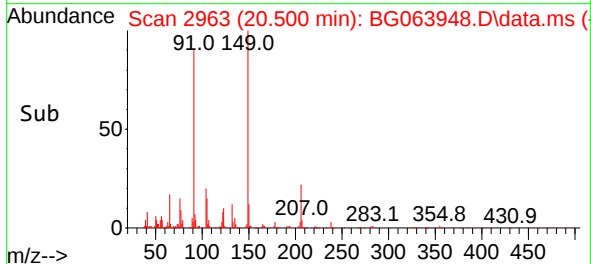
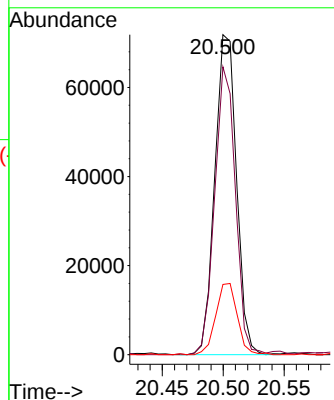
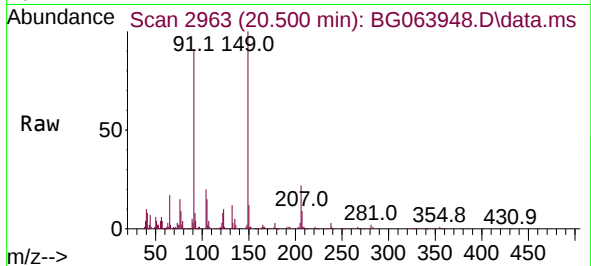




#80  
Butylbenzylphthalate  
Concen: 4.938 ng  
RT: 20.500 min Scan# 2967  
Delta R.T. -0.021 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

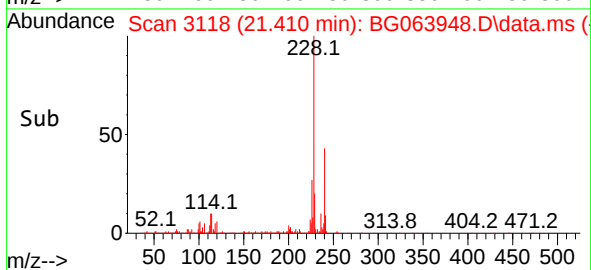
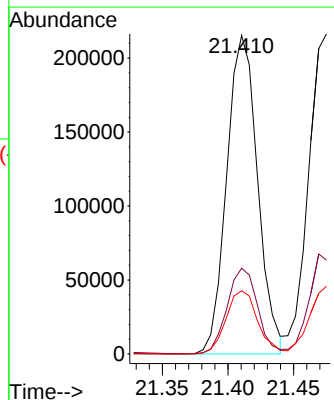
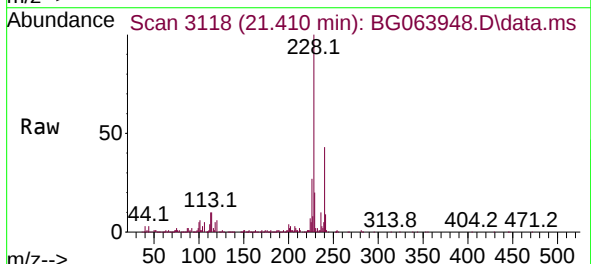
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT1-2024

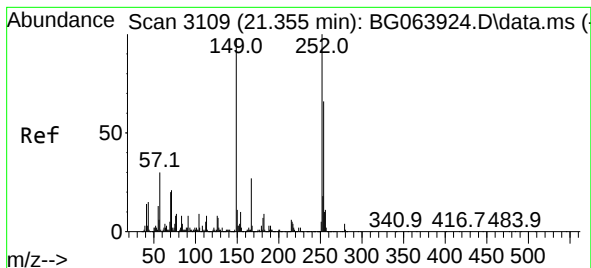
Tgt Ion:149 Resp: 89045  
Ion Ratio Lower Upper  
149 100  
91 89.9 71.4 107.0  
206 22.0 18.7 28.1



#81  
Benzo(a)anthracene  
Concen: 6.185 ng  
RT: 21.410 min Scan# 3118  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:228 Resp: 352545  
Ion Ratio Lower Upper  
228 100  
226 26.9 22.2 33.2  
229 19.8 15.8 23.6





#82

3,3'-Dichlorobenzidine

Concen: 5.361 ng

RT: 21.334 min Scan# 3105

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

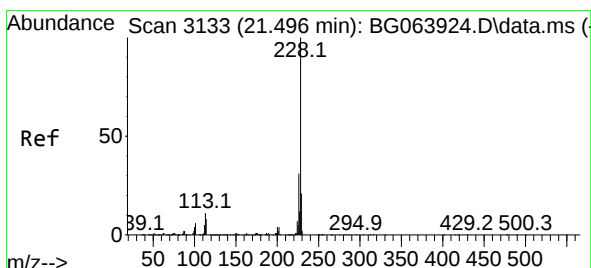
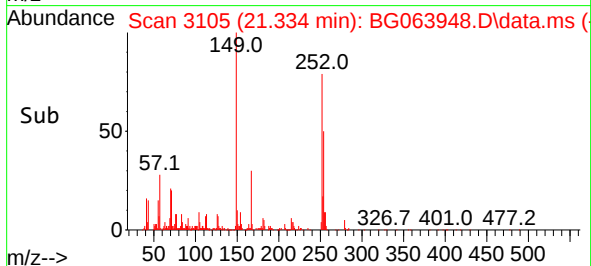
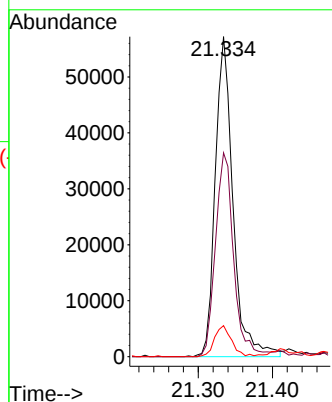
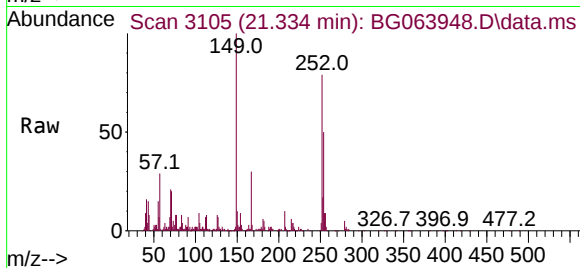
Tgt Ion:252 Resp: 94932

Ion Ratio Lower Upper

252 100

254 63.7 52.6 78.8

126 9.7 6.2 9.2#



#83

Chrysene

Concen: 6.349 ng

RT: 21.475 min Scan# 3129

Delta R.T. -0.021 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

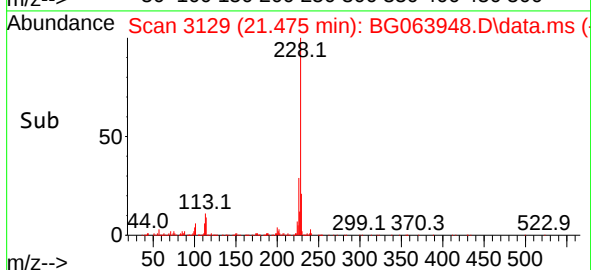
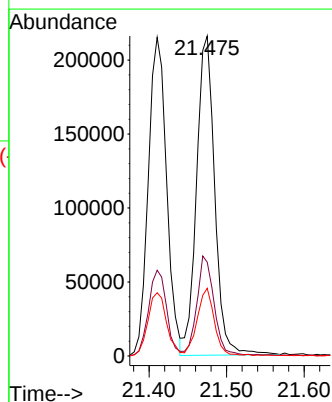
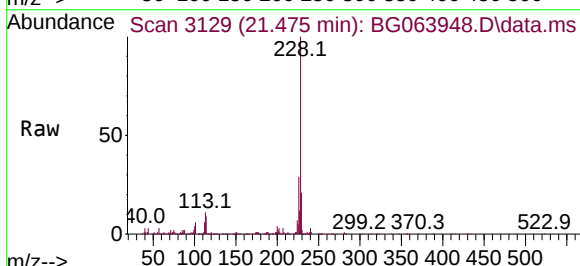
Tgt Ion:228 Resp: 351409

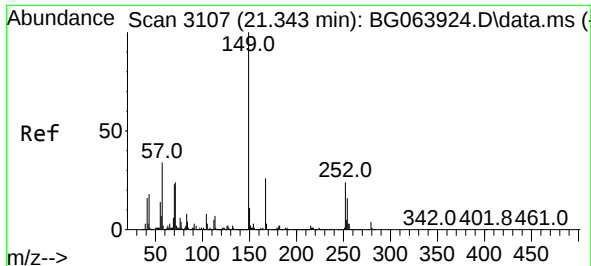
Ion Ratio Lower Upper

228 100

226 29.3 24.6 37.0

229 21.2 16.6 25.0

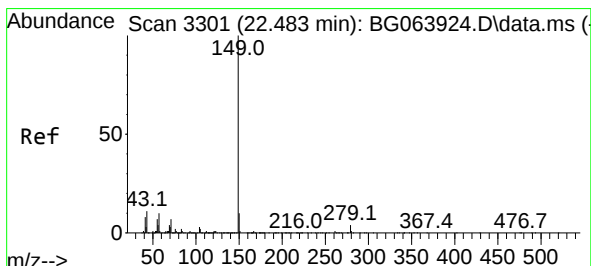
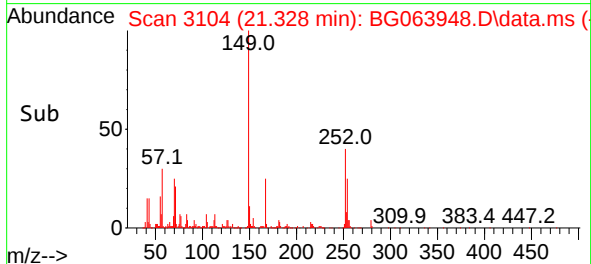
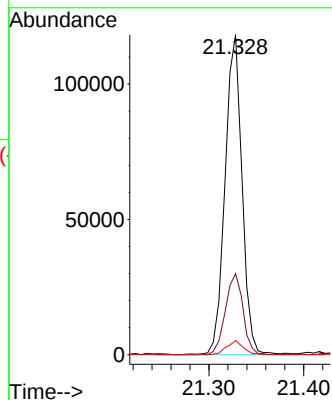
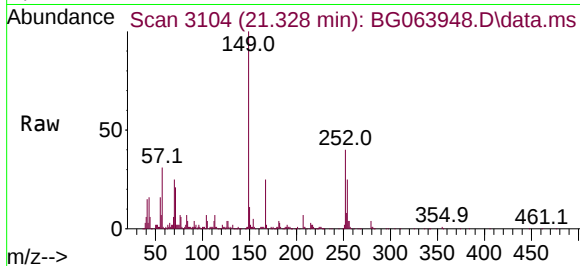




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.335 ng  
RT: 21.328 min Scan# 3104  
Delta R.T. -0.015 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

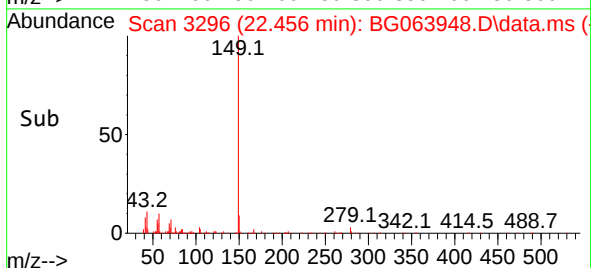
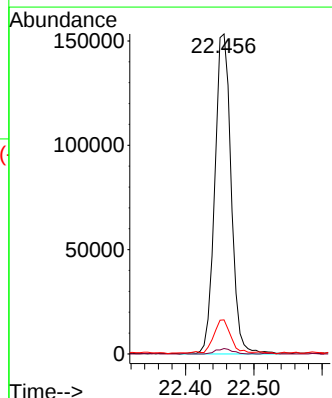
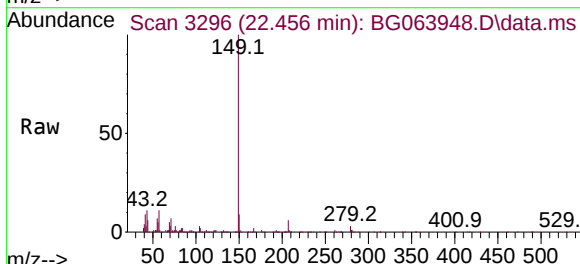
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT1-2024

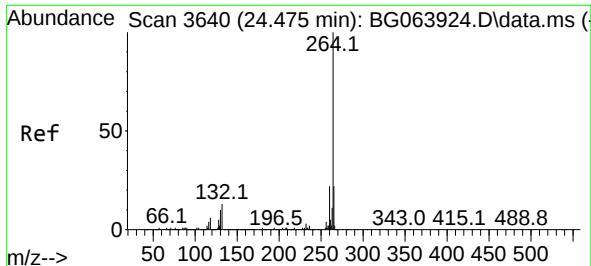
Tgt Ion:149 Resp: 147101  
Ion Ratio Lower Upper  
149 100  
167 25.3 20.6 31.0  
279 4.4 2.9 4.3#



#85  
Di-n-octyl phthalate  
Concen: 5.321 ng  
RT: 22.456 min Scan# 3296  
Delta R.T. -0.027 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:149 Resp: 255600  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 11.5 8.7 13.1



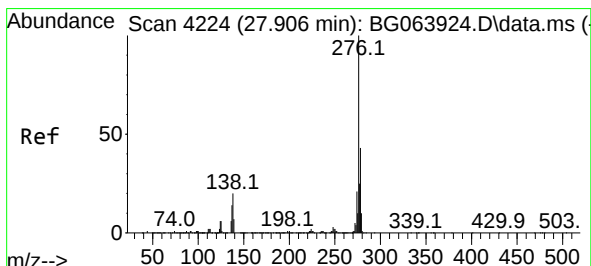
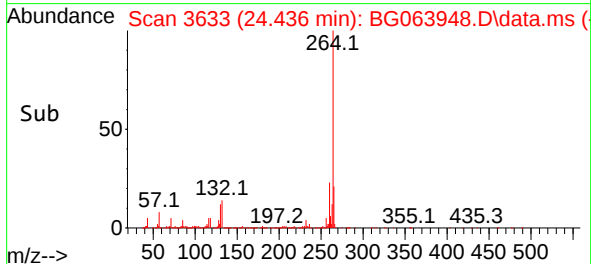
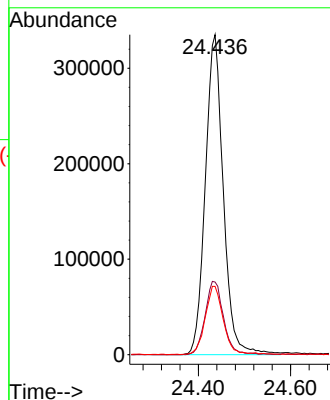
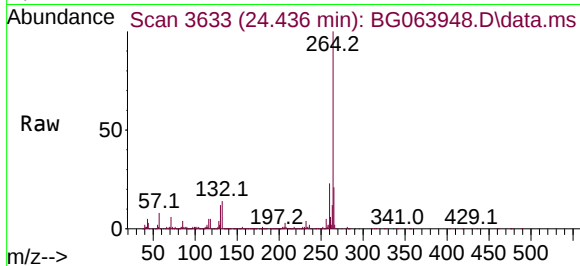


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.436 min Scan# 30  
Delta R.T. -0.038 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT1-2024

Tgt Ion:264 Resp: 909776  

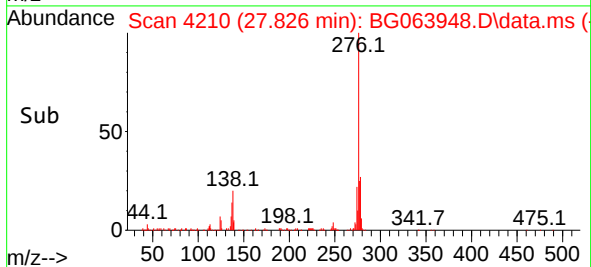
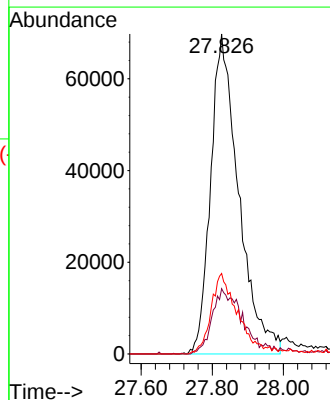
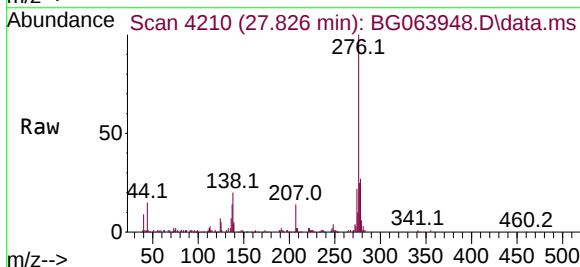
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.7  | 17.4  | 26.0  |
| 265 | 21.4  | 17.8  | 26.6  |

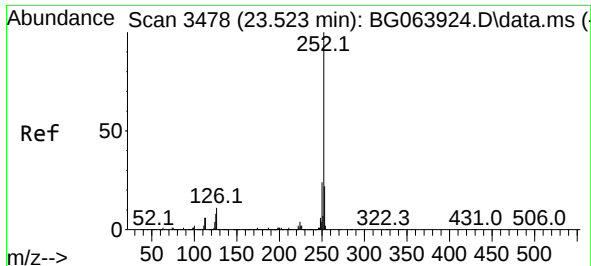


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 6.039 ng  
RT: 27.826 min Scan# 4210  
Delta R.T. -0.079 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:276 Resp: 381528  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 21.4  | 17.4  | 26.2  |
| 277 | 24.4  | 19.6  | 29.4  |

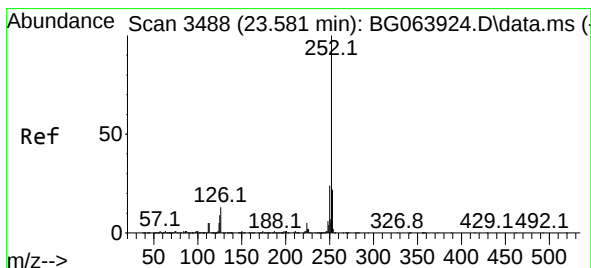
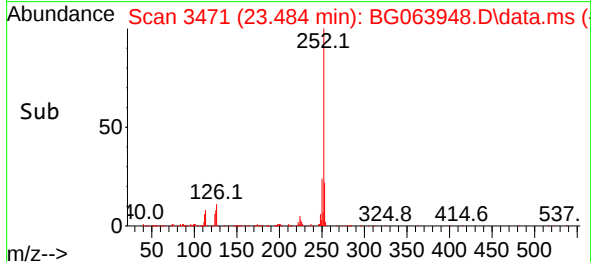
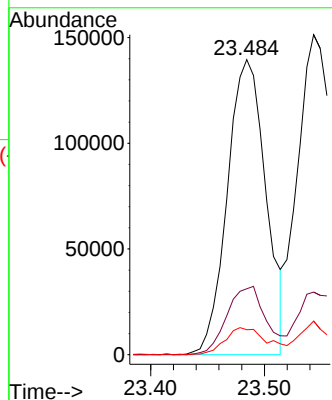
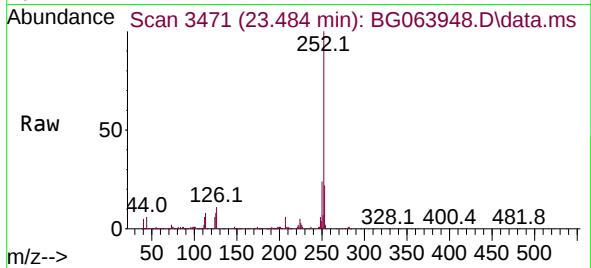




#88  
Benzo(b)fluoranthene  
Concen: 5.782 ng  
RT: 23.484 min Scan# 3478  
Delta R.T. -0.038 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

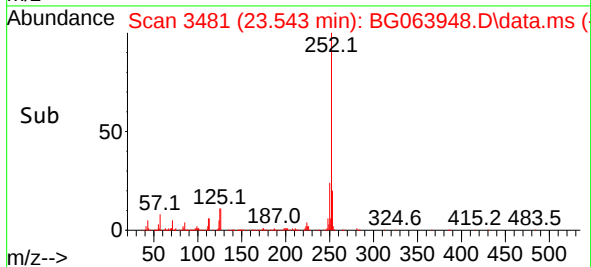
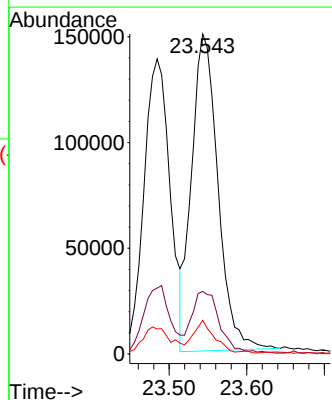
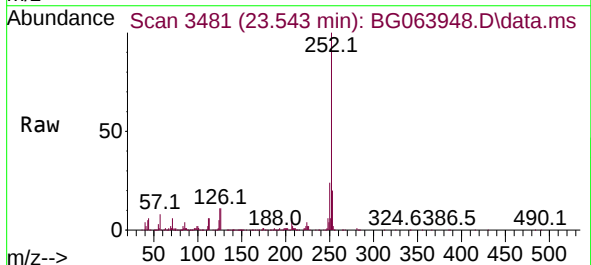
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT1-2024

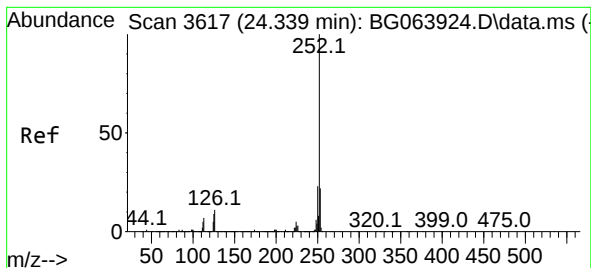
Tgt Ion:252 Resp: 328815  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 8.5 6.6 9.8



#89  
Benzo(k)fluoranthene  
Concen: 6.200 ng  
RT: 23.543 min Scan# 3481  
Delta R.T. -0.038 min  
Lab File: BG063948.D  
Acq: 10 Jan 2025 12:48

Tgt Ion:252 Resp: 353820  
Ion Ratio Lower Upper  
252 100  
253 19.6 18.0 27.0  
125 10.5 7.2 10.8





#90

Benzo(a)pyrene

Concen: 6.364 ng

RT: 24.289 min Scan# 3

Delta R.T. -0.050 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT1-2024

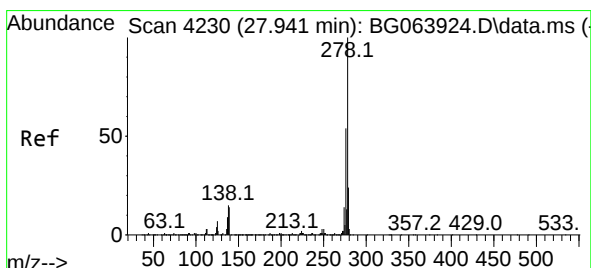
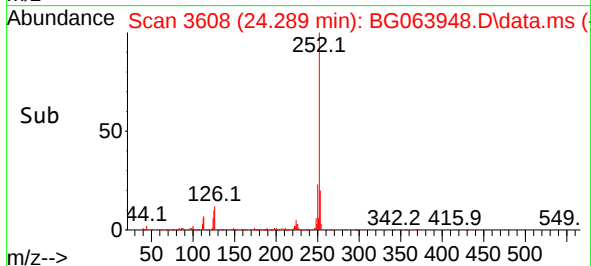
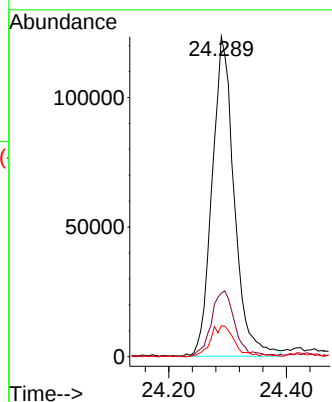
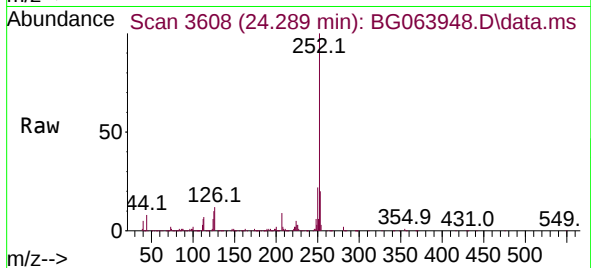
Tgt Ion:252 Resp: 321494

Ion Ratio Lower Upper

252 100

253 19.8 17.6 26.4

125 9.6 7.0 10.4



#91

Dibenzo(a,h)anthracene

Concen: 5.772 ng

RT: 27.868 min Scan# 4217

Delta R.T. -0.074 min

Lab File: BG063948.D

Acq: 10 Jan 2025 12:48

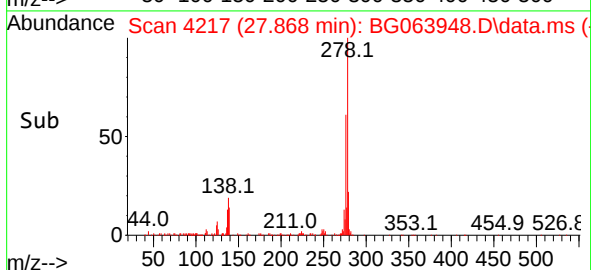
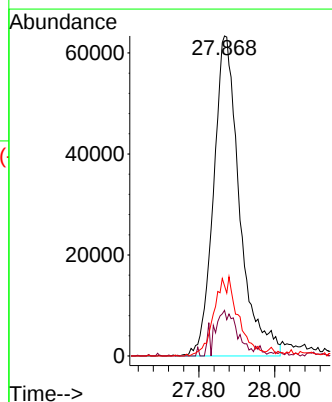
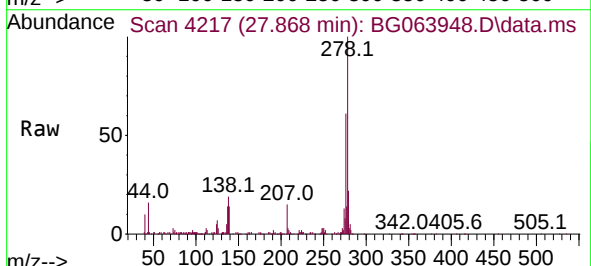
Tgt Ion:278 Resp: 301795

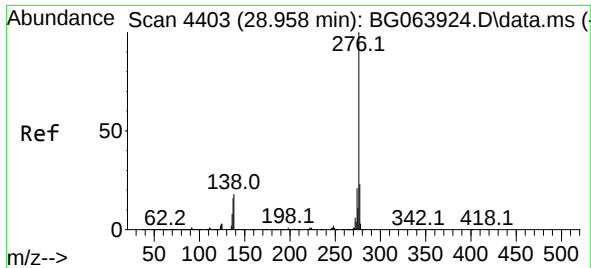
Ion Ratio Lower Upper

278 100

139 14.2 11.1 16.7

279 22.0 18.9 28.3





#92  
 Benzo(g,h,i)perylene  
 Concen: 5.457 ng  
 RT: 28.890 min Scan# 41  
 Delta R.T. -0.068 min  
 Lab File: BG063948.D  
 Acq: 10 Jan 2025 12:48

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2024

Tgt Ion:276 Resp: 293516  
 Ion Ratio Lower Upper  
 276 100  
 277 23.8 18.7 28.1  
 138 15.9 14.4 21.6

