

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090424\  
 Data File : BG062640.D  
 Acq On : 4 Sep 2024 12:28  
 Operator : MA/JU  
 Sample : P3390-08  
 Misc : LOQ-WATER-10 ng  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2024

Quant Time: Sep 04 13:02:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.921  | 152  | 80154    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.717 | 136  | 347751   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.548 | 164  | 284445   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.292 | 188  | 814457   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.534 | 240  | 857461   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.607 | 264  | 958549   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.500  | 112  | 546647   | 117.886 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.086  | 99   | 805488   | 120.241 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.078  | 82   | 538356   | 83.375  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.035 | 330  | 551388   | 137.742 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.173 | 172  | 1411178  | 80.360  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.913 | 244  | 3058173  | 70.719  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.408  | 88   | 20738    | 10.735  | ng    | 100      |
| 3) Pyridine                   | 3.802  | 79   | 51754    | 9.298   | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.714  | 42   | 28373    | 10.486  | ng    | 91       |
| 6) Aniline                    | 7.251  | 93   | 71989    | 11.502  | ng    | 95       |
| 8) 2-Chlorophenol             | 7.486  | 128  | 49317    | 9.906   | ng    | 99       |
| 9) Benzaldehyde               | 7.063  | 77   | 51091    | 13.111  | ng    | 97       |
| 10) Phenol                    | 7.116  | 94   | 67267    | 9.919   | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.345  | 93   | 53068    | 10.221  | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.809  | 146  | 54879    | 10.045  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.956  | 146  | 54943    | 9.772   | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.273  | 146  | 53045    | 9.598   | ng    | 93       |
| 15) Benzyl Alcohol            | 8.156  | 79   | 49298    | 9.946   | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.438  | 45   | 90877    | 9.183   | ng    | 97       |
| 17) 2-Methylphenol            | 8.361  | 107  | 40800    | 8.631   | ng    | 97       |
| 18) Hexachloroethane          | 9.002  | 117  | 19677    | 9.334   | ng    | # 83     |
| 19) n-Nitroso-di-n-propyla... | 8.720  | 70   | 46990    | 8.902   | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.685  | 107  | 57912    | 8.304   | ng    | 96       |
| 22) Acetophenone              | 8.737  | 105  | 87710    | 9.349   | ng    | # 98     |
| 24) Nitrobenzene              | 9.119  | 77   | 70147    | 10.217  | ng    | 96       |
| 25) Isophorone                | 9.636  | 82   | 133907   | 9.447   | ng    | # 97     |
| 26) 2-Nitrophenol             | 9.824  | 139  | 26513    | 10.221  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.889  | 122  | 19891    | 5.233   | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.118 | 93   | 76294    | 10.055  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.359 | 162  | 55423    | 10.429  | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.576 | 180  | 63121    | 10.019  | ng    | 98       |
| 31) Naphthalene               | 10.765 | 128  | 170619   | 9.899   | ng    | 99       |
| 32) Benzoic acid              | 9.983  | 122  | 47729    | 11.675  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.870 | 127  | 71298    | 10.511  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.052 | 225  | 42750    | 9.716   | ng    | 96       |
| 35) Caprolactam               | 11.622 | 113  | 21946    | 10.712  | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.992 | 107  | 56686    | 8.843   | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.369 | 142  | 129497   | 9.686   | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.592 | 142  | 125880   | 9.377   | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.739 | 216  | 88919    | 10.395  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.721 | 237  | 23040    | 9.440   | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.980 | 196  | 54239    | 10.002  | ng    | 95       |

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 Sample : P3390-08  
 Misc : LOQ-WATER-10 ng  
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Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2024

Quant Time: Sep 04 13:02:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG083024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 31 02:36:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.050 | 196  | 63734    | 10.378 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.379 | 154  | 191724   | 10.103 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.420 | 162  | 153802   | 10.000 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.620 | 65   | 43549    | 10.766 | ng    | 91       |
| 49) Acenaphthylene            | 14.266 | 152  | 252473   | 11.085 | ng    | 97       |
| 50) Dimethylphthalate         | 14.002 | 163  | 216126   | 10.391 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.119 | 165  | 41681    | 10.595 | ng    | 91       |
| 52) Acenaphthene              | 14.613 | 154  | 143376   | 10.070 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.443 | 138  | 41502    | 10.902 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.654 | 184  | 25294    | 11.457 | ng    | 95       |
| 55) Dibenzofuran              | 14.942 | 168  | 259330   | 10.621 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.754 | 139  | 61573    | 19.086 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.907 | 165  | 57243    | 10.664 | ng    | 96       |
| 58) Fluorene                  | 15.594 | 166  | 204197   | 10.656 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.089 | 232  | 61609    | 10.590 | ng    | 90       |
| 60) Diethylphthalate          | 15.365 | 149  | 215869   | 10.471 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.588 | 204  | 116848   | 10.622 | ng    | 94       |
| 62) 4-Nitroaniline            | 15.606 | 138  | 46921    | 11.179 | ng    | 91       |
| 63) Azobenzene                | 15.882 | 77   | 198729   | 10.266 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.671 | 198  | 34192    | 9.407  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.800 | 169  | 186518   | 9.525  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.481 | 248  | 79604    | 9.470  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.599 | 284  | 95260    | 9.569  | ng    | 98       |
| 69) Atrazine                  | 16.746 | 200  | 85198    | 12.810 | ng    | 99       |
| 70) Pentachlorophenol         | 16.940 | 266  | 95044    | 14.907 | ng    | 99       |
| 71) Phenanthrene              | 17.333 | 178  | 396133   | 10.420 | ng    | 100      |
| 72) Anthracene                | 17.421 | 178  | 383624   | 10.264 | ng    | 98       |
| 73) Carbazole                 | 17.692 | 167  | 352624   | 10.262 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.256 | 149  | 395654   | 10.210 | ng    | 99       |
| 75) Fluoranthene              | 19.343 | 202  | 504821   | 10.500 | ng    | 99       |
| 77) Benzidine                 | 19.525 | 184  | 131709   | 8.522  | ng    | 98       |
| 78) Pyrene                    | 19.707 | 202  | 534819   | 9.812  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.600 | 149  | 153202   | 9.569  | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.517 | 228  | 562692   | 10.404 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.434 | 252  | 191512   | 10.870 | ng    | 100      |
| 83) Chrysene                  | 21.581 | 228  | 532573   | 10.281 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.434 | 149  | 233329   | 9.593  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.598 | 149  | 396106   | 9.301  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.074 | 276  | 636817   | 10.361 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.632 | 252  | 536864   | 10.140 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.702 | 252  | 545666   | 10.536 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.460 | 252  | 481893   | 10.303 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.132 | 278  | 528023   | 10.428 | ng    | 96       |
| 92) Benzo(g,h,i)perylene      | 29.149 | 276  | 495812   | 9.711  | ng    | 98       |

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

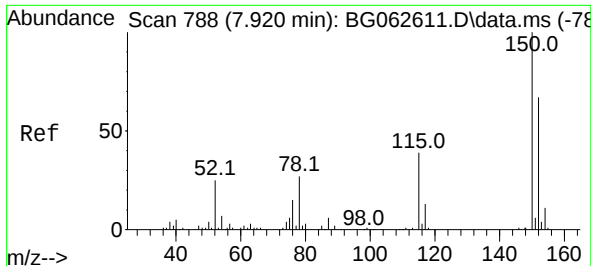
**Instrument :**  
BNA\_G  
**ClientSampleId :**  
LOQ-WATER-02-QT3-2024

TIC: BG062640.D\data.ms

Abundance

Time-->

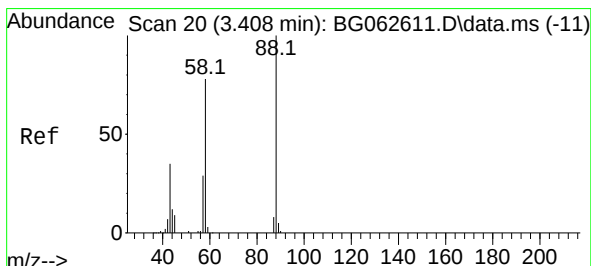
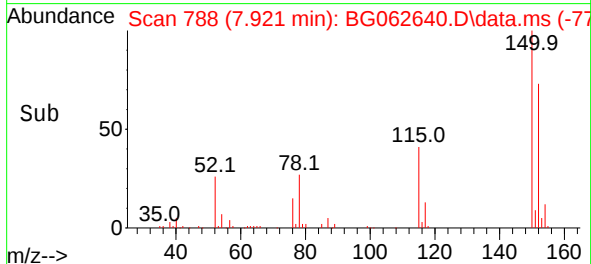
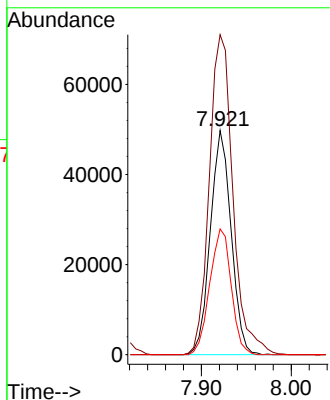
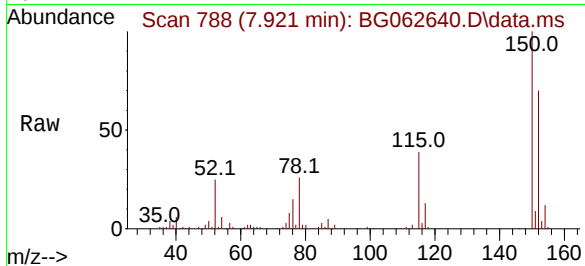
1,4-Dioxane  
N-methylmethylaniline,  
2-Fluorophenol,S  
Phenol-d6,S  
1,3-Dichlorobenzene-d4,l  
1,3-Dichlorobenzene-d4,l  
2,4-Dichlorophenol  
3-Methylphenol  
Hexachlorocyclopentadiene,P  
Hexachlorocyclopentadiene  
Nitrobenzene-d5,S  
Isopropyl alcohol  
2-Methylphenol  
2,4-Dichlorophenol,C  
Hexachlorocyclopentadiene,l  
Hexachlorocyclopentadiene,C  
Caprolactam  
4-Chloro-3-methylphenol,C  
2-Methylnaphthalene  
Hexachlorocyclopentadiene  
2,4,6-Trichlorophthalic acid  
2-Nitroaniline  
2,6-Dimethylphthalate  
2,6-Dimethylphthalate  
3-Nitroaniline  
2,4,6-Trichlorophthalic acid  
2,4,5,6-Tetrachlorophthalic acid  
Diethylphthalate  
4,6-Dichlorophthalic acid  
4,6-Dichlorophthalic acid  
4,6-Dichlorophthalic acid  
4,6-Dichlorophthalic acid  
Phenanthrene-d10,l  
Phenanthrene  
Carbazole  
Di-n-butylphthalate  
Fluoranthene,C  
Pyrene  
Benzidine  
Butylbenzylphthalate  
Chrysene  
Benzo(a)anthracene-d12,l  
Di-n-octyl phthalate,c  
Benzo(a)fluoranthene  
Benzo(a)pyrene,C  
Benzo(a)pyrene-d12,l  
Benzo(a)anthracene  
Benzo(a)anthracene  
Benzo(g,h,i)perylene



#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.921 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

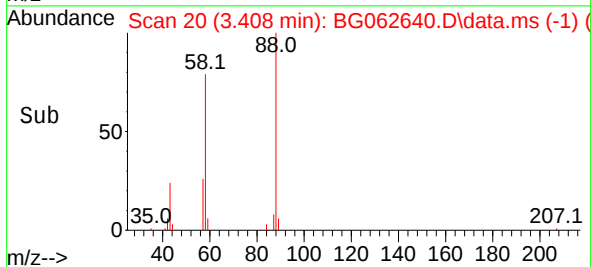
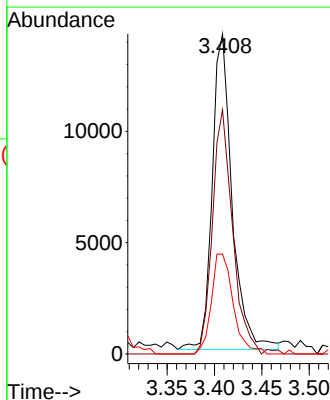
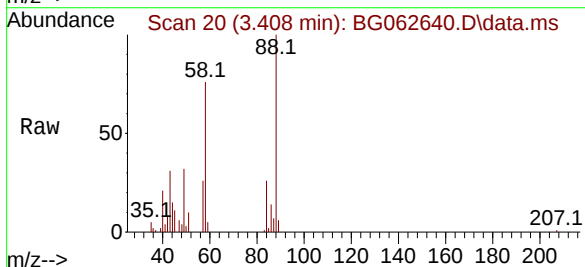
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

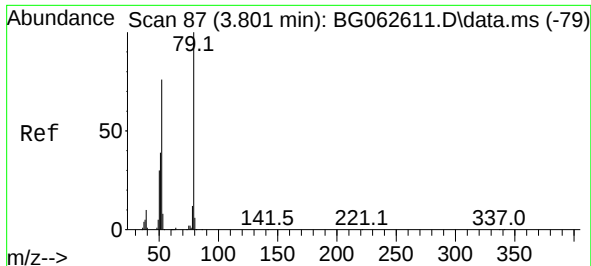
Tgt Ion:152 Resp: 80154  
Ion Ratio Lower Upper  
152 100  
150 142.8 119.9 179.9  
115 56.1 46.6 69.8



#2  
1,4-Dioxane  
Concen: 10.735 ng  
RT: 3.408 min Scan# 20  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion: 88 Resp: 20738  
Ion Ratio Lower Upper  
88 100  
58 77.9 62.3 93.5  
43 34.7 27.5 41.3





#3

Pyridine

Concen: 9.298 ng

RT: 3.802 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

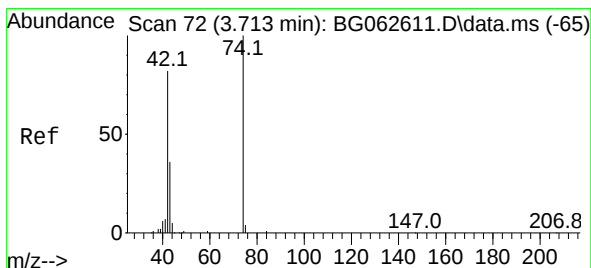
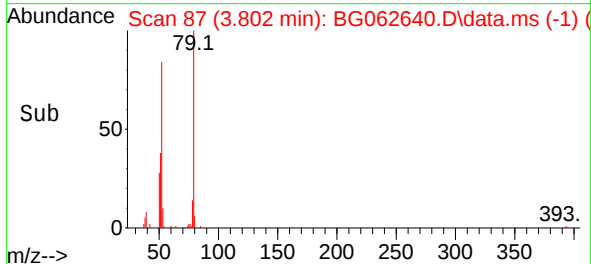
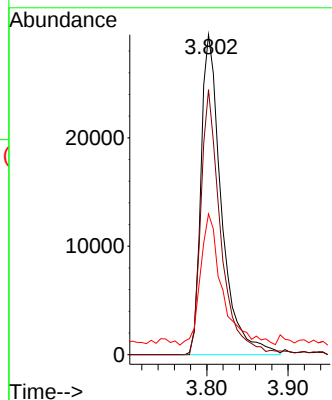
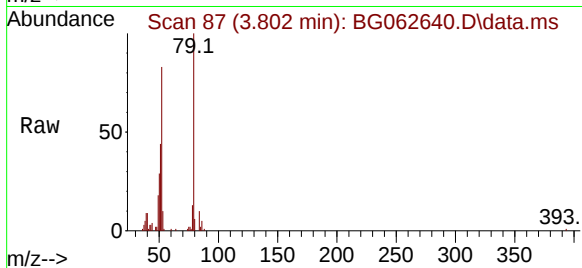
Tgt Ion: 79 Resp: 51754

Ion Ratio Lower Upper

79 100

52 82.8 60.9 91.3

51 44.0 31.5 47.3



#4

n-Nitrosodimethylamine

Concen: 10.486 ng

RT: 3.714 min Scan# 72

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

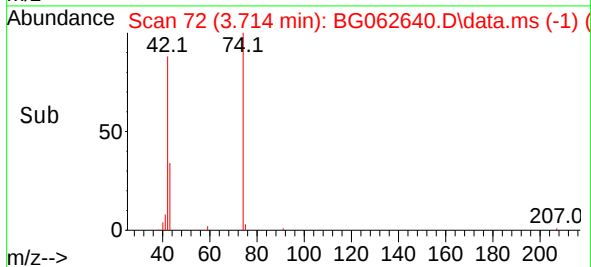
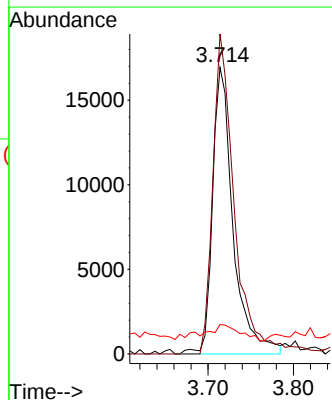
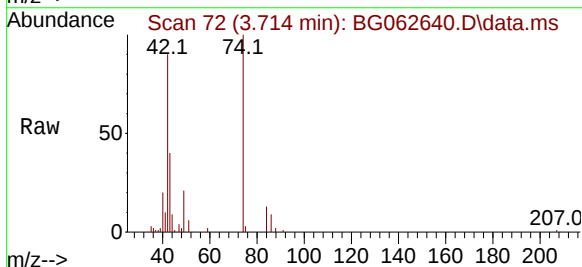
Tgt Ion: 42 Resp: 28373

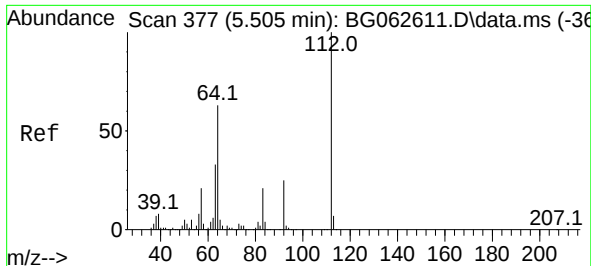
Ion Ratio Lower Upper

42 100

74 111.7 98.0 147.0

44 10.2 7.4 11.2





#5

2-Fluorophenol

Concen: 117.886 ng

RT: 5.500 min Scan# 377

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

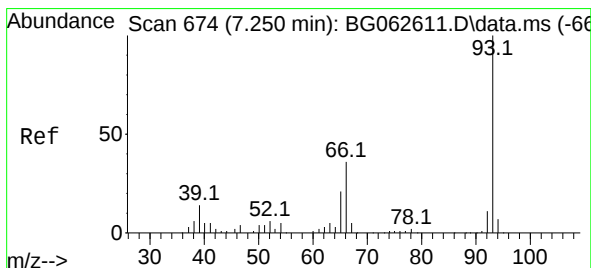
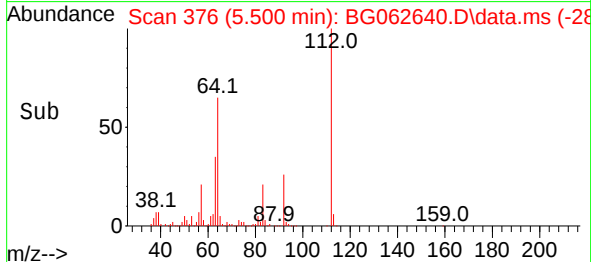
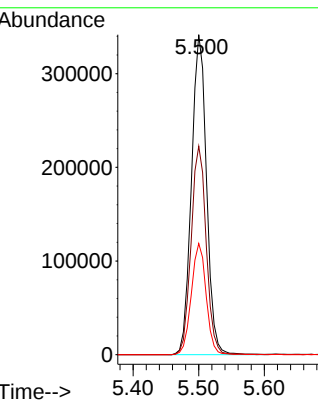
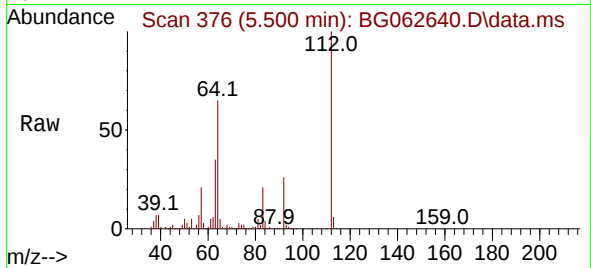
Tgt Ion:112 Resp: 546647

Ion Ratio Lower Upper

112 100

64 65.1 50.2 75.2

63 34.8 26.6 39.8



#6

Aniline

Concen: 11.502 ng

RT: 7.251 min Scan# 674

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

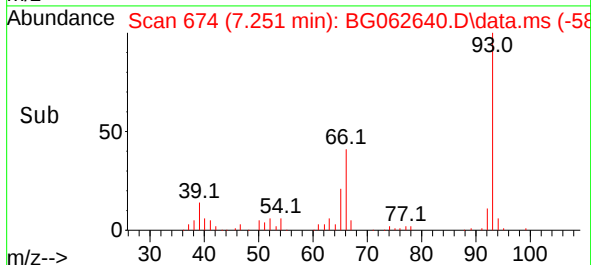
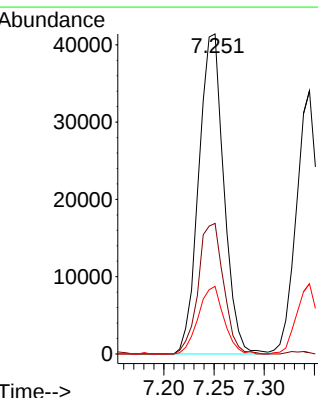
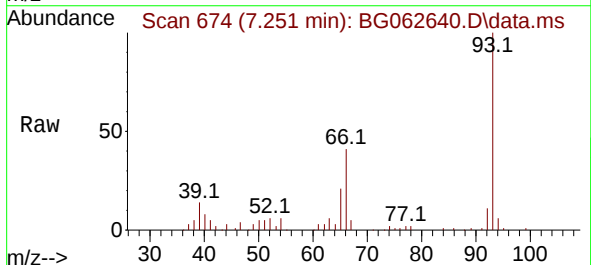
Tgt Ion: 93 Resp: 71989

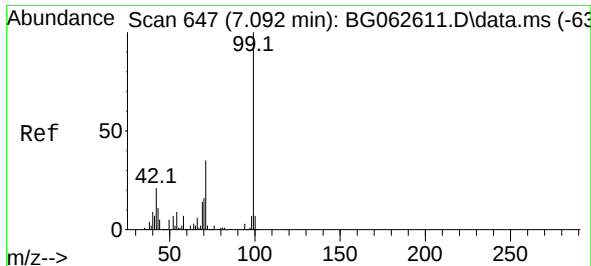
Ion Ratio Lower Upper

93 100

66 40.8 29.1 43.7

65 21.1 16.6 25.0

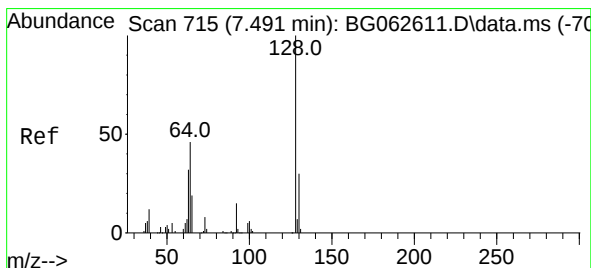
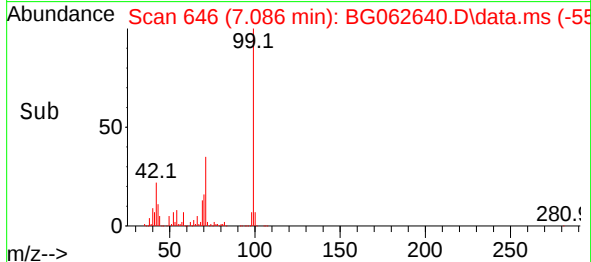
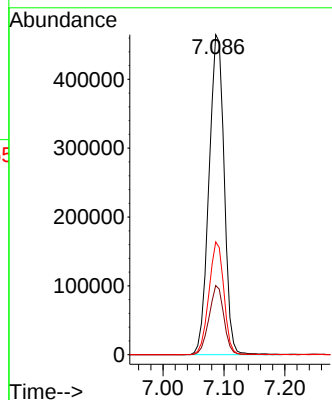
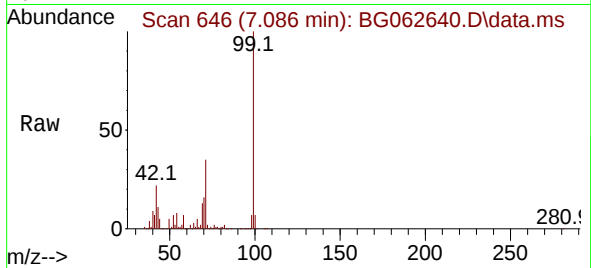




#7  
Phenol-d6  
Concen: 120.241 ng  
RT: 7.086 min Scan# 647  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

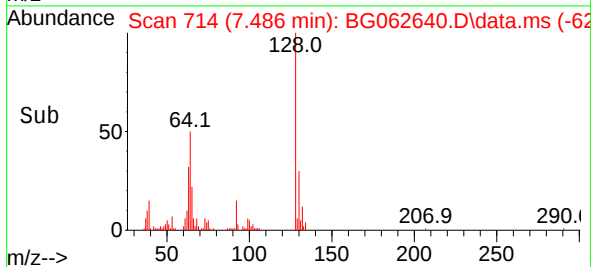
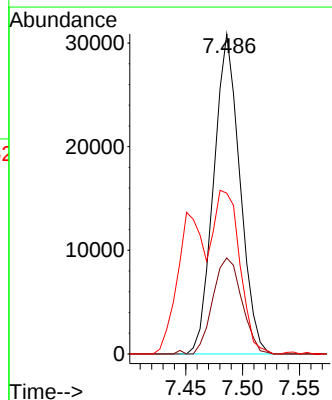
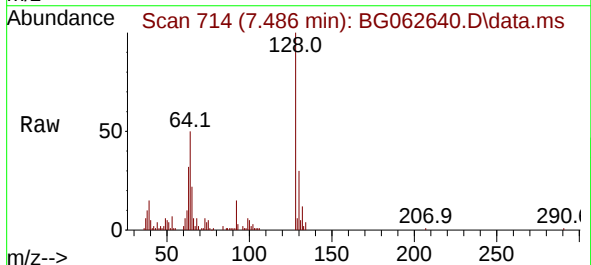
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

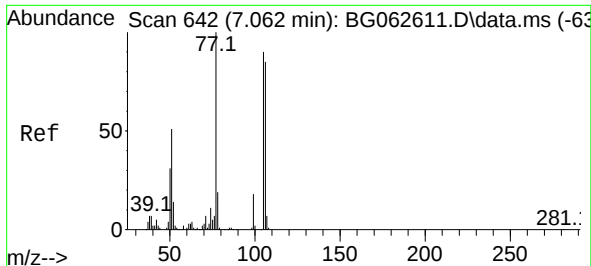
Tgt Ion: 99 Resp: 805488  
Ion Ratio Lower Upper  
99 100  
42 21.6 16.9 25.3  
71 35.3 27.9 41.9



#8  
2-Chlorophenol  
Concen: 9.906 ng  
RT: 7.486 min Scan# 714  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:128 Resp: 49317  
Ion Ratio Lower Upper  
128 100  
130 30.0 10.0 50.0  
64 50.2 28.8 68.8





#9

Benzaldehyde

Concen: 13.111 ng

RT: 7.063 min Scan# 642

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

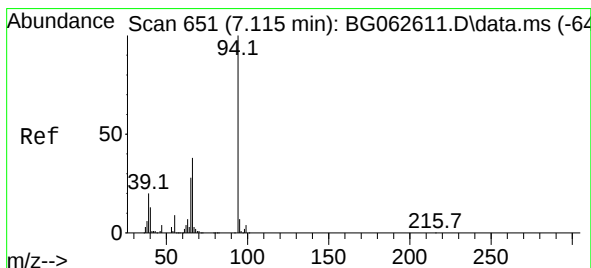
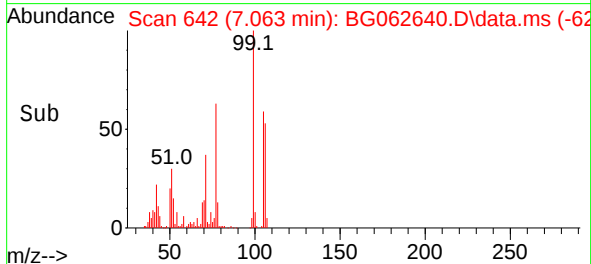
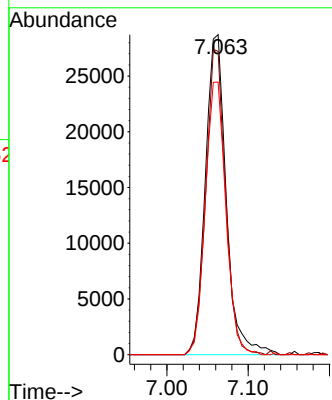
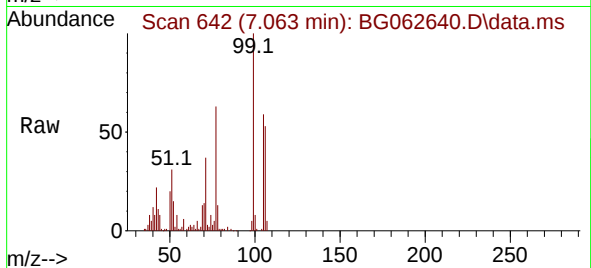
Tgt Ion: 77 Resp: 51091

Ion Ratio Lower Upper

77 100

105 94.8 70.2 110.2

106 85.2 65.4 105.4



#10

Phenol

Concen: 9.919 ng

RT: 7.116 min Scan# 651

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

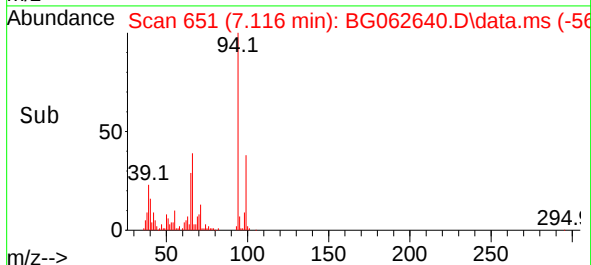
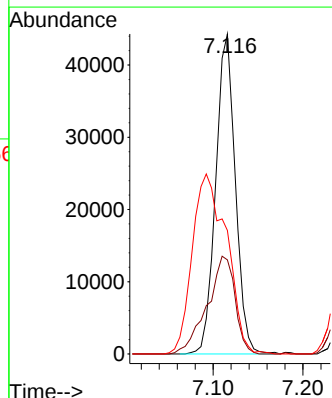
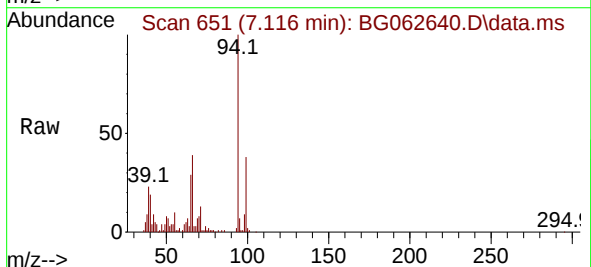
Tgt Ion: 94 Resp: 67267

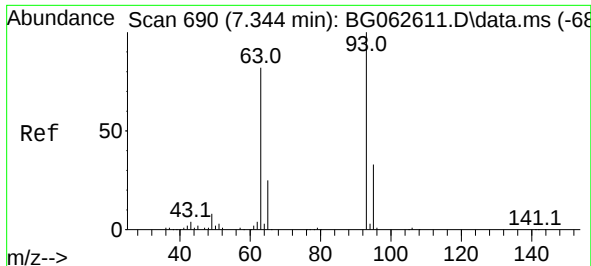
Ion Ratio Lower Upper

94 100

65 29.4 8.6 48.6

66 38.6 18.2 58.2

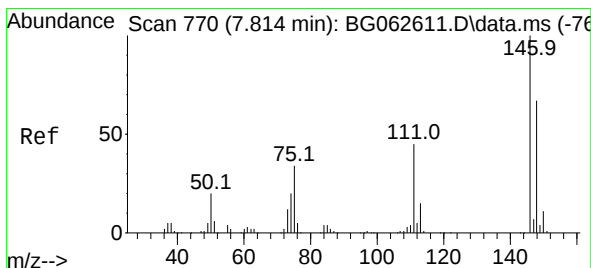
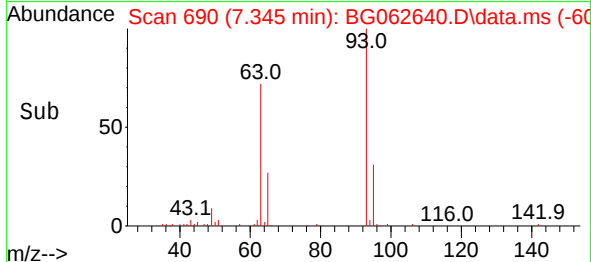
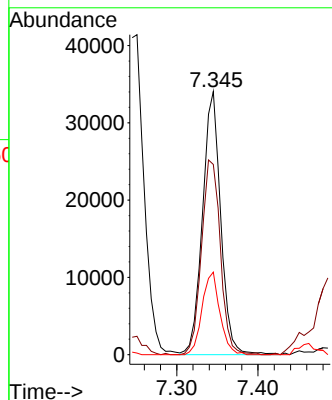
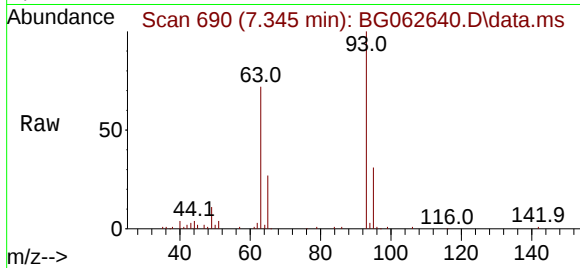




#11  
bis(2-Chloroethyl)ether  
Concen: 10.221 ng  
RT: 7.345 min Scan# 690  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

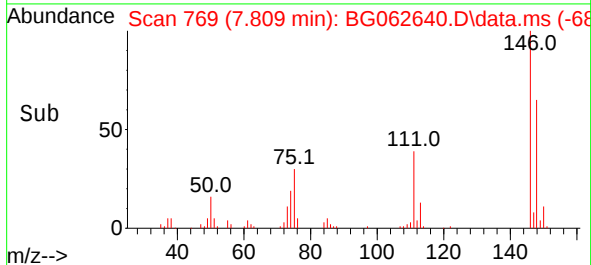
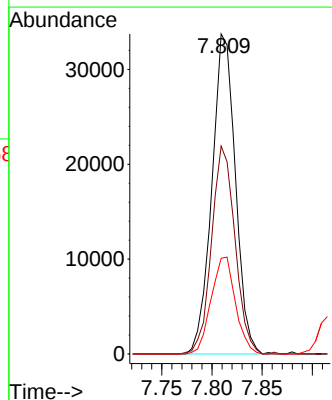
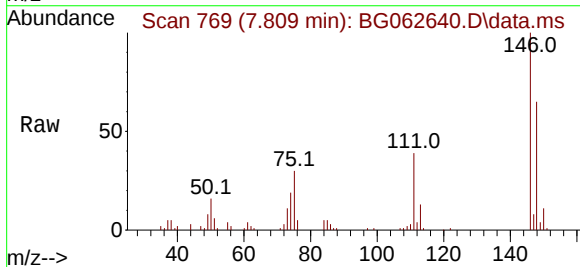
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

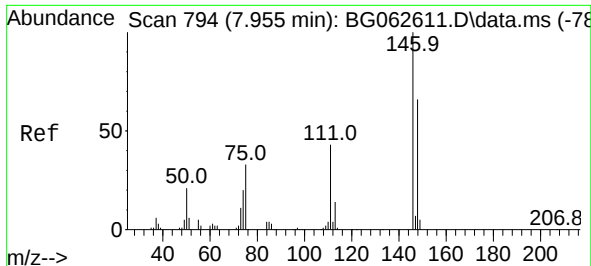
Tgt Ion: 93 Resp: 53068  
Ion Ratio Lower Upper  
93 100  
63 72.3 61.9 101.9  
95 31.4 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 10.045 ng  
RT: 7.809 min Scan# 769  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:146 Resp: 54879  
Ion Ratio Lower Upper  
146 100  
148 64.9 53.9 80.9  
75 29.9 27.0 40.4

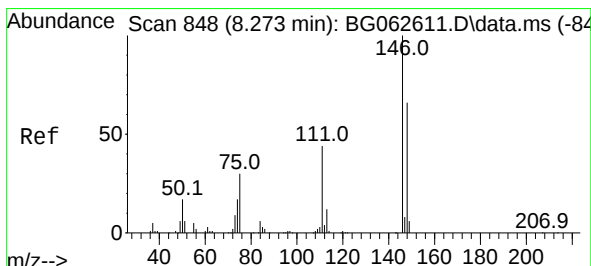
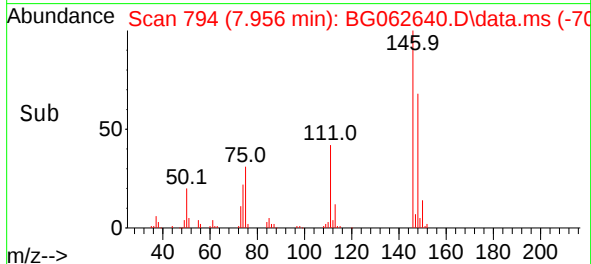
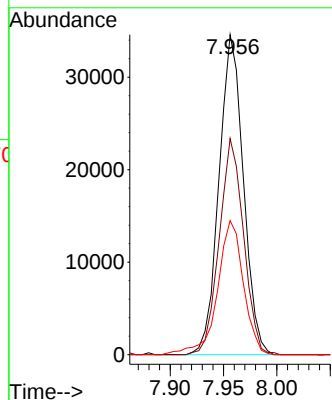
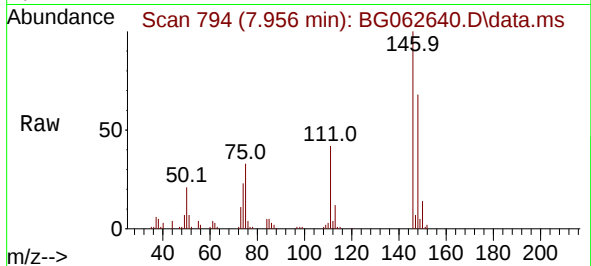




#13  
1,4-Dichlorobenzene  
Concen: 9.772 ng  
RT: 7.956 min Scan# 794  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

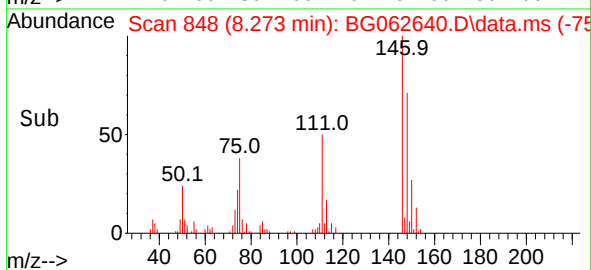
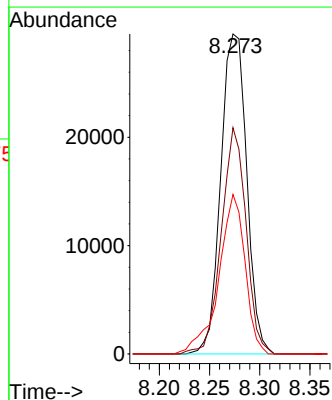
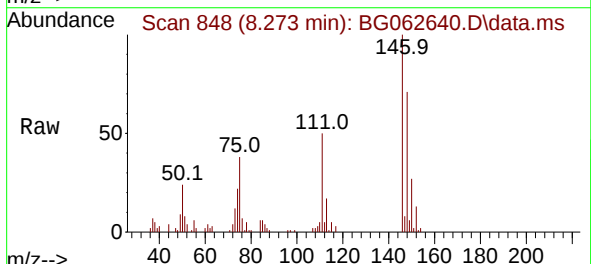
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

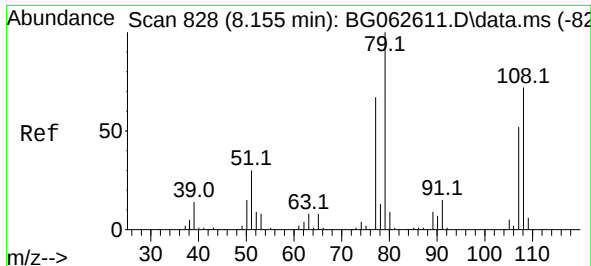
Tgt Ion:146 Resp: 54943  
Ion Ratio Lower Upper  
146 100  
148 67.6 53.0 79.6  
111 41.9 34.9 52.3



#14  
1,2-Dichlorobenzene  
Concen: 9.598 ng  
RT: 8.273 min Scan# 848  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:146 Resp: 53045  
Ion Ratio Lower Upper  
146 100  
148 70.7 52.5 78.7  
111 49.8 35.5 53.3





#15

Benzyl Alcohol

Concen: 9.946 ng

RT: 8.156 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

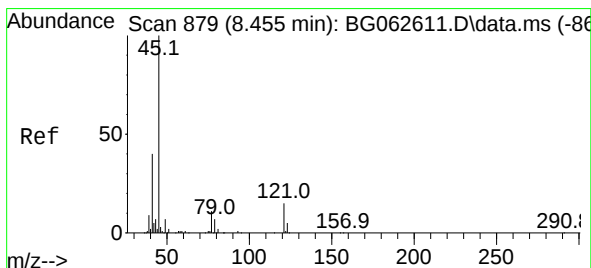
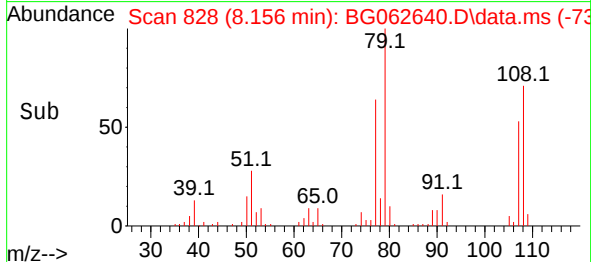
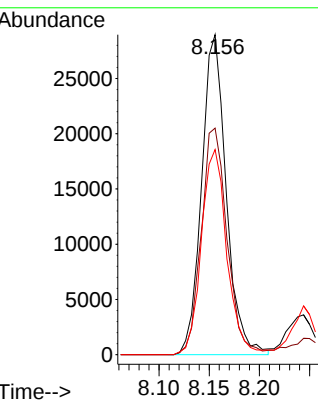
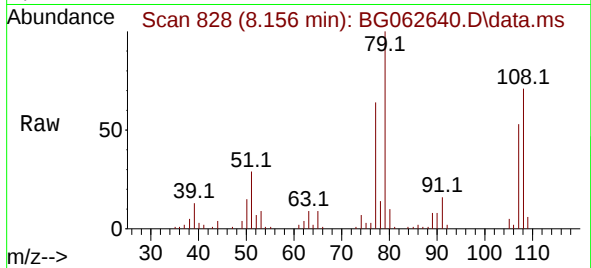
Tgt Ion: 79 Resp: 49298

Ion Ratio Lower Upper

79 100

108 70.8 57.9 86.9

77 64.1 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.183 ng

RT: 8.438 min Scan# 876

Delta R.T. -0.017 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

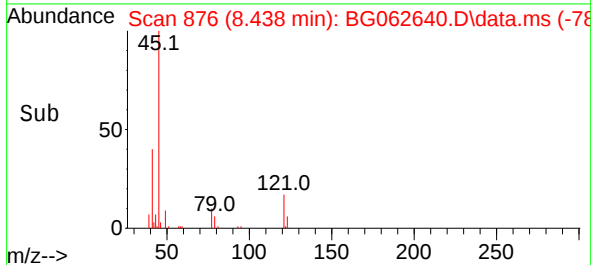
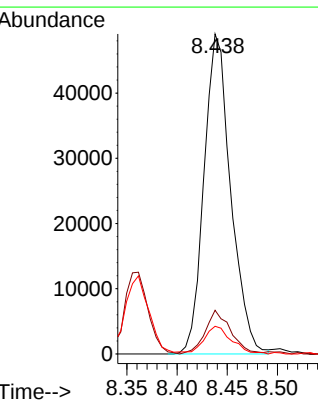
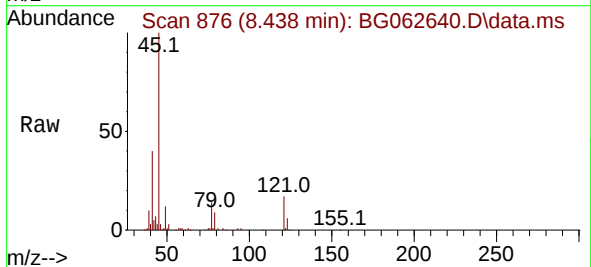
Tgt Ion: 45 Resp: 90877

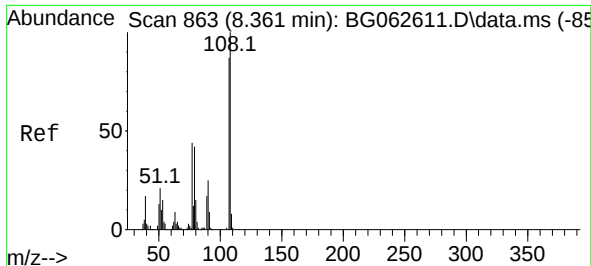
Ion Ratio Lower Upper

45 100

77 13.6 0.0 31.7

79 8.7 0.0 28.3

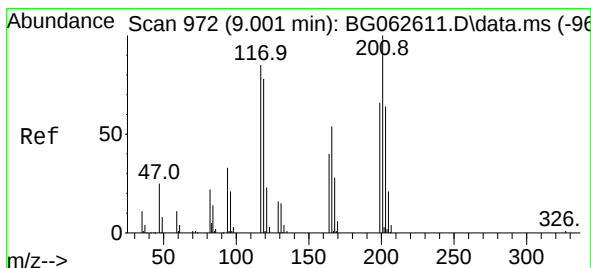
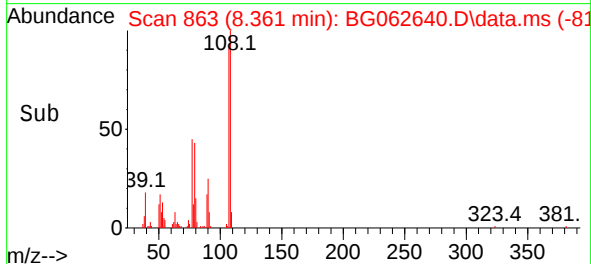
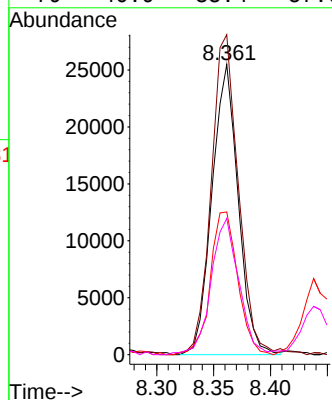
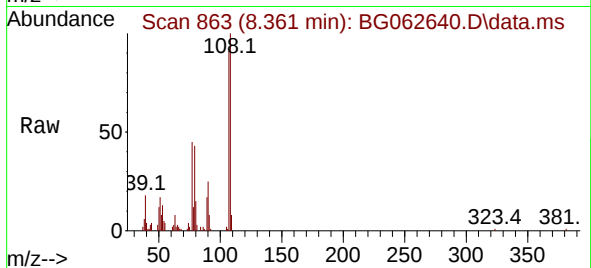




#17  
2-Methylphenol  
Concen: 8.631 ng  
RT: 8.361 min Scan# 863  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

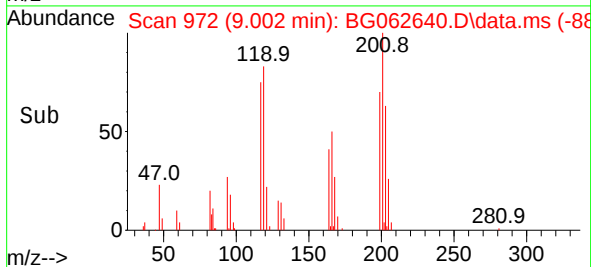
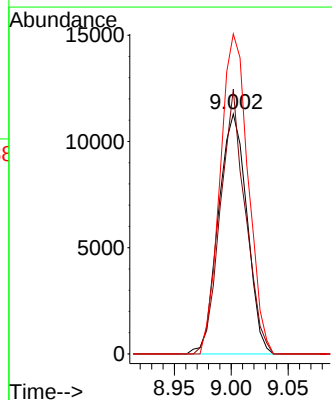
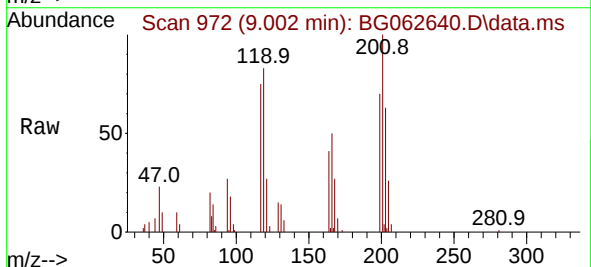
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

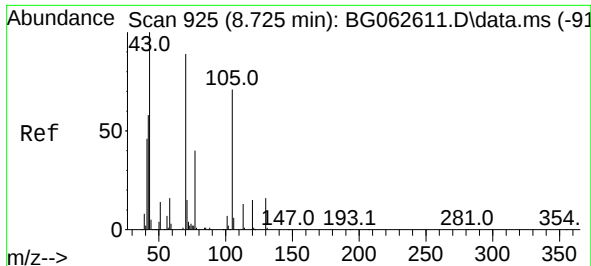
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 40800 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 110.3 | 91.5  | 137.3 |
| 77       | 49.2  | 40.0  | 60.0  |
| 79       | 46.9  | 38.4  | 57.6  |



#18  
Hexachloroethane  
Concen: 9.334 ng  
RT: 9.002 min Scan# 972  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 19677  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 110.3 | 73.4  | 110.0# |
| 201      | 133.3 | 93.9  | 140.9  |



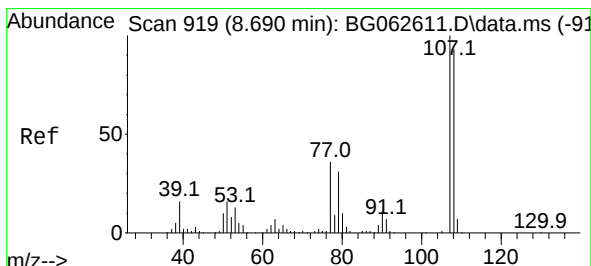
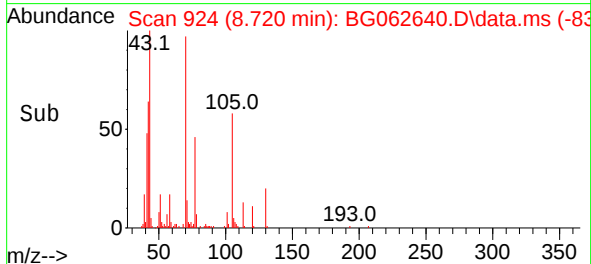
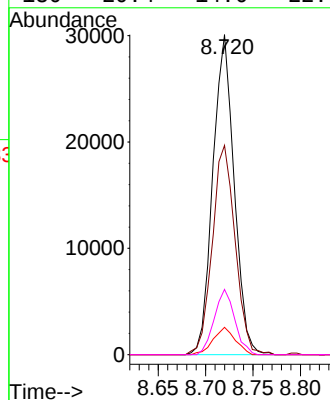
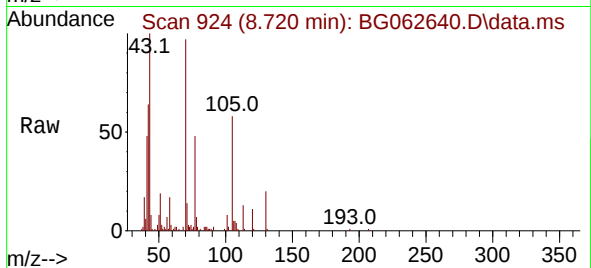


#19  
n-Nitroso-di-n-propylamine  
Concen: 8.902 ng  
RT: 8.720 min Scan# 918  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

Tgt Ion: 70 Resp: 46990

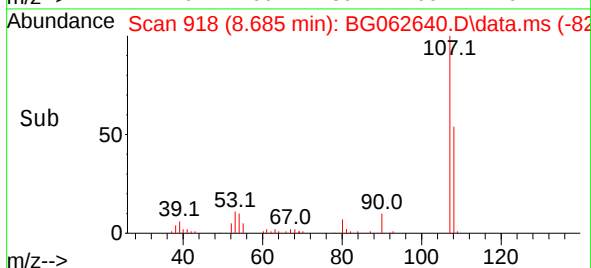
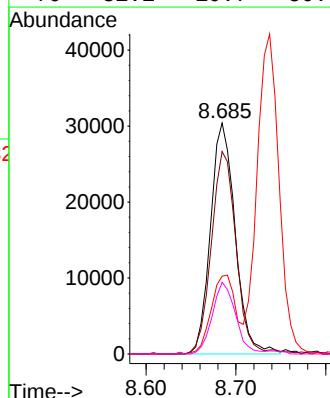
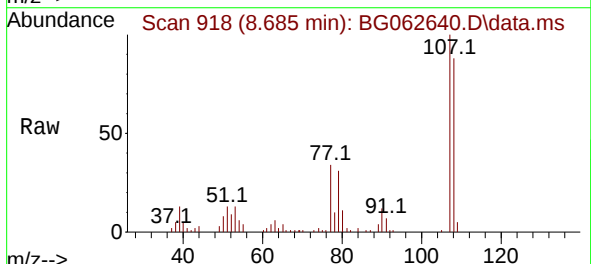
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 65.4  | 52.3  | 78.5  |
| 101 | 8.5   | 6.6   | 9.8   |
| 130 | 20.4  | 14.6  | 22.0  |

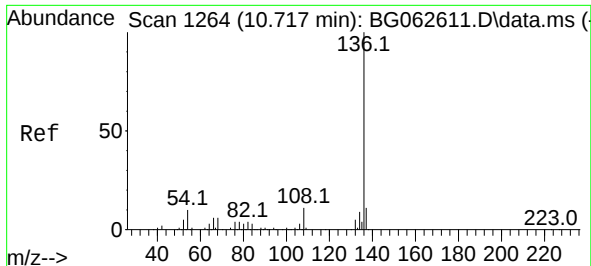


#20  
3+4-Methylphenols  
Concen: 8.304 ng  
RT: 8.685 min Scan# 918  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion: 107 Resp: 57912

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.7  | 72.7  | 112.7 |
| 77  | 33.7  | 16.5  | 56.5  |
| 79  | 31.1  | 10.7  | 50.7  |

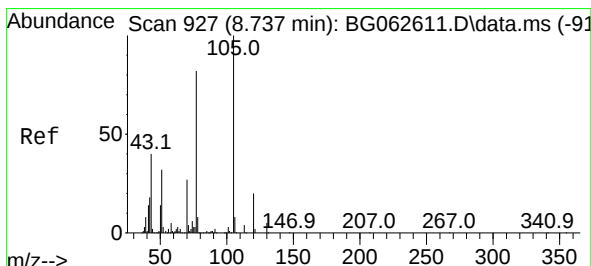
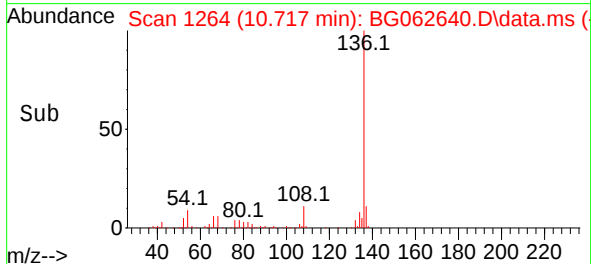
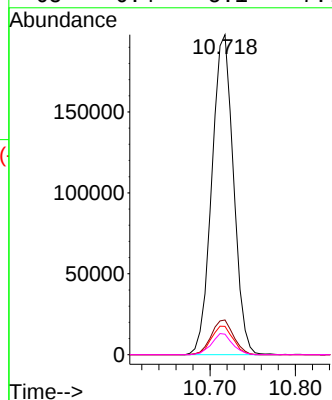
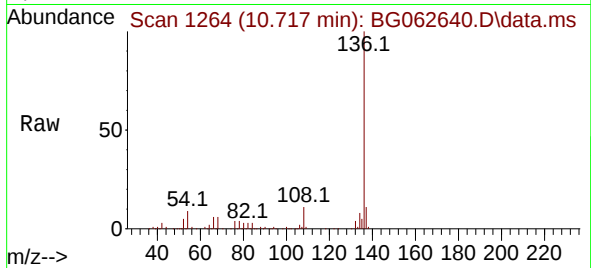




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.717 min Scan# 1264  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

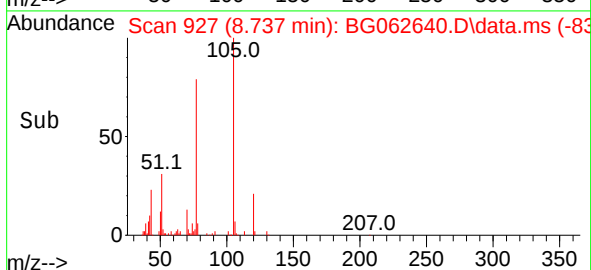
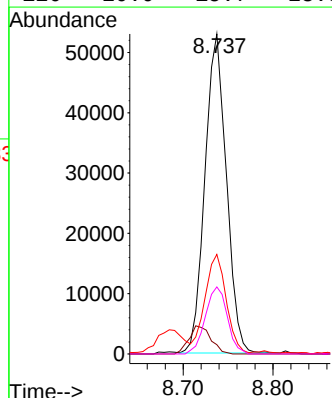
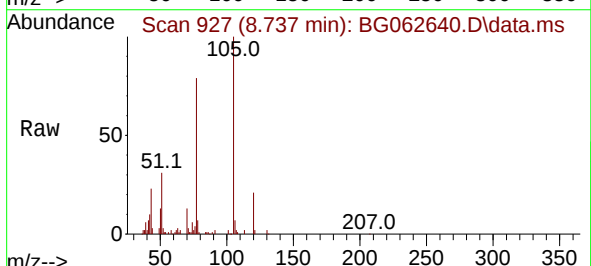
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT3-2024

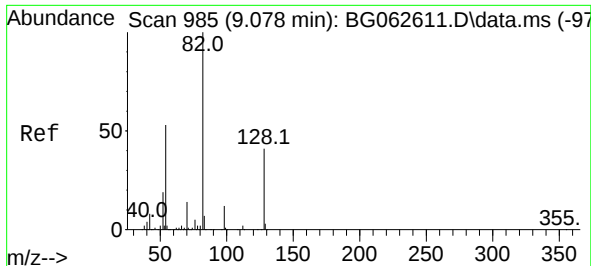
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 347751 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.9  | 9.0   | 13.4   |
| 54        | 8.9   | 7.8   | 11.6   |
| 68        | 6.4   | 5.1   | 7.7    |



#22  
Acetophenone  
Concen: 9.349 ng  
RT: 8.737 min Scan# 927  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 87710 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 2.9   | 3.5   | 5.3#  |
| 51        | 31.1  | 25.7  | 38.5  |
| 120       | 20.9  | 15.7  | 23.5  |





#23

Nitrobenzene-d5

Concen: 83.375 ng

RT: 9.078 min Scan# 985

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

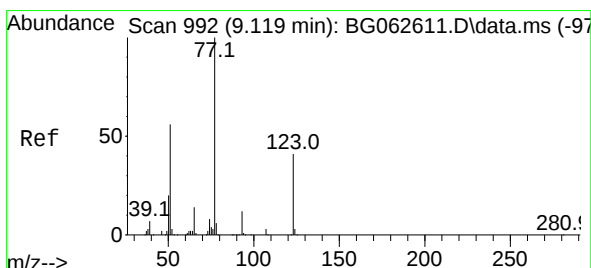
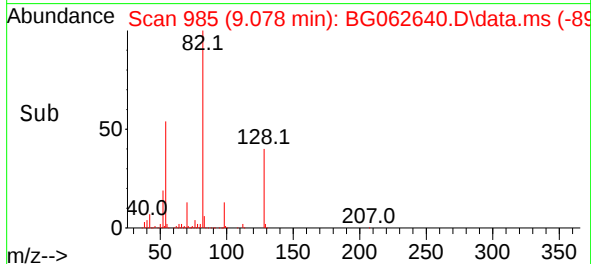
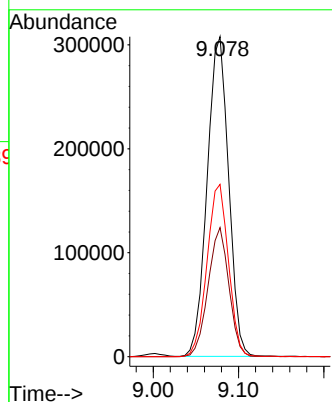
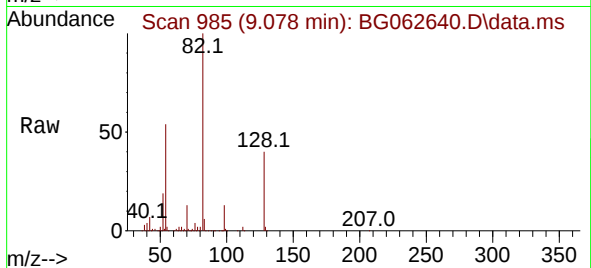
Tgt Ion: 82 Resp: 538356

Ion Ratio Lower Upper

82 100

128 40.4 32.5 48.7

54 53.8 42.5 63.7



#24

Nitrobenzene

Concen: 10.217 ng

RT: 9.119 min Scan# 992

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

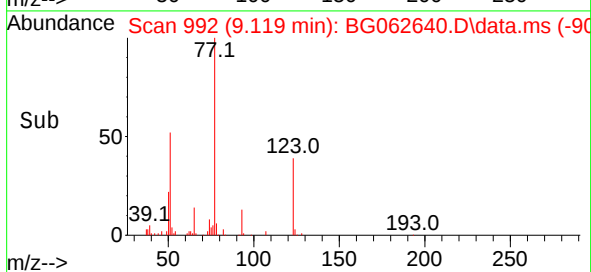
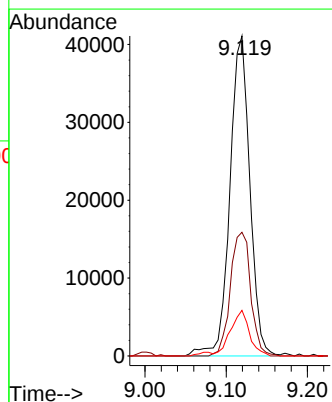
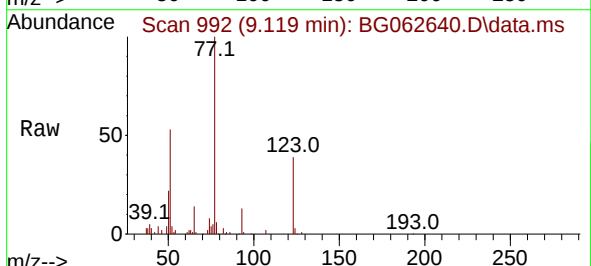
Tgt Ion: 77 Resp: 70147

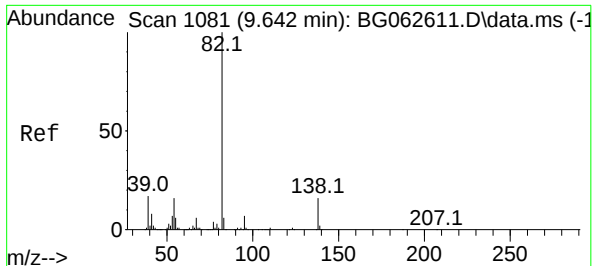
Ion Ratio Lower Upper

77 100

123 38.7 33.1 49.7

65 14.3 11.0 16.4





#25

Isophorone

Concen: 9.447 ng

RT: 9.636 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

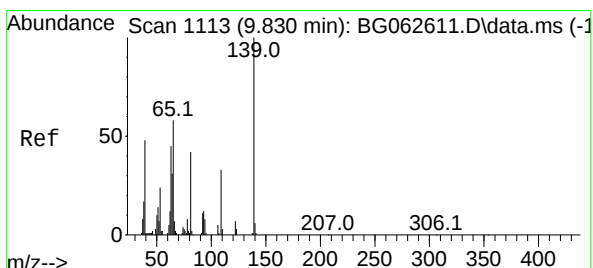
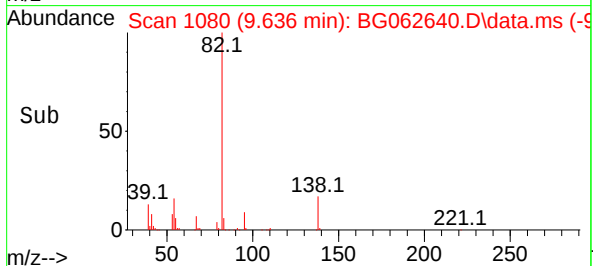
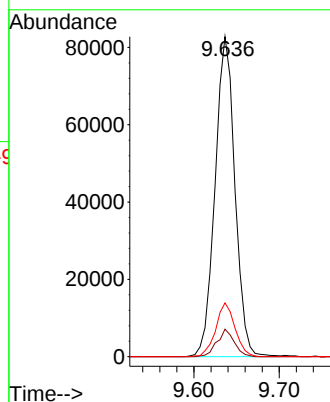
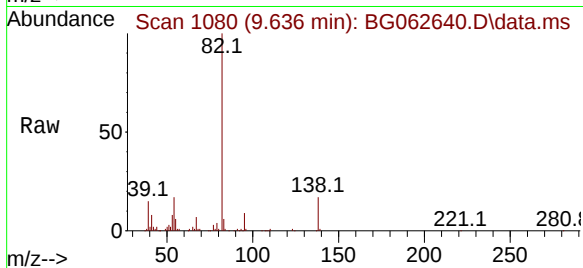
Tgt Ion: 82 Resp: 133907

Ion Ratio Lower Upper

82 100

95 8.6 5.4 8.0#

138 16.8 12.6 18.8



#26

2-Nitrophenol

Concen: 10.221 ng

RT: 9.824 min Scan# 1112

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

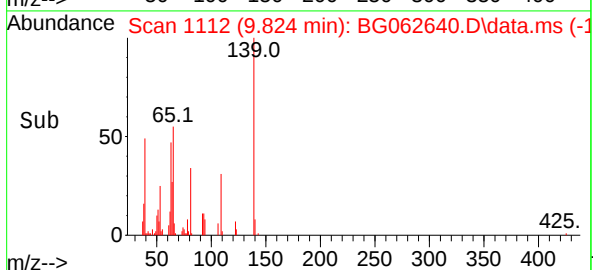
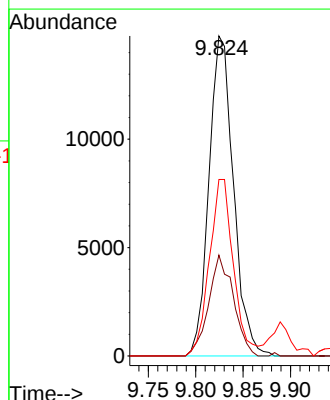
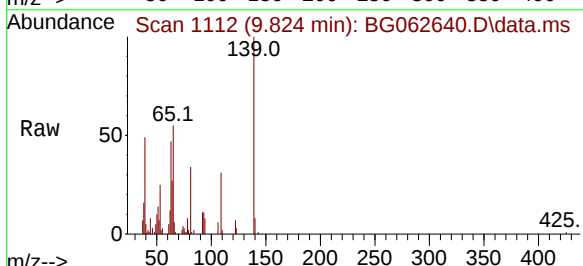
Tgt Ion:139 Resp: 26513

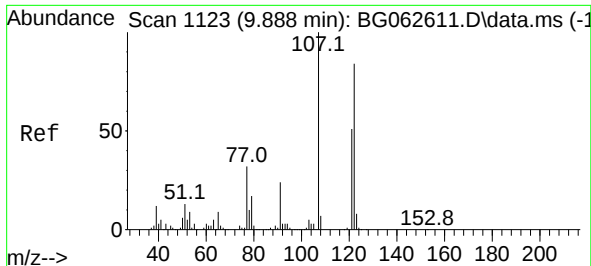
Ion Ratio Lower Upper

139 100

109 31.5 26.6 39.8

65 55.1 46.5 69.7

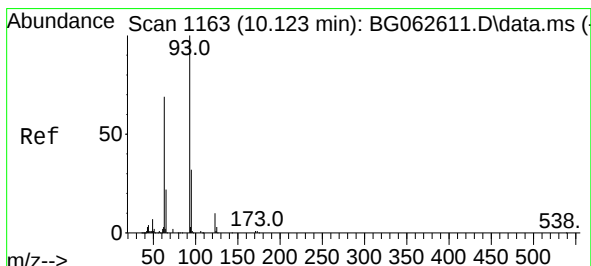
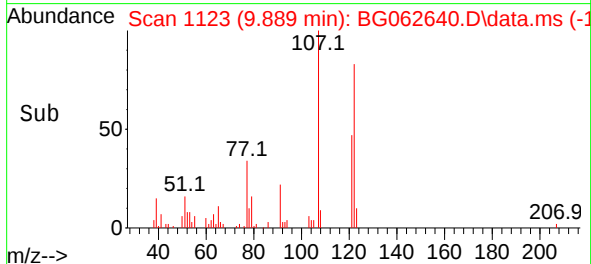
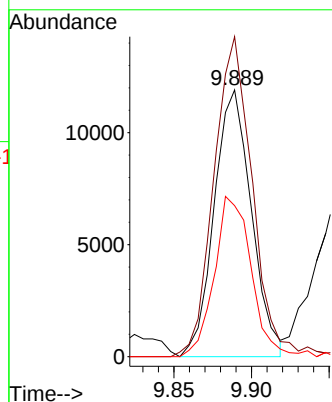
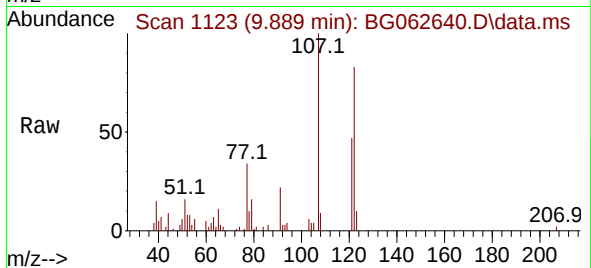




#27  
2,4-Dimethylphenol  
Concen: 5.233 ng  
RT: 9.889 min Scan# 1123  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

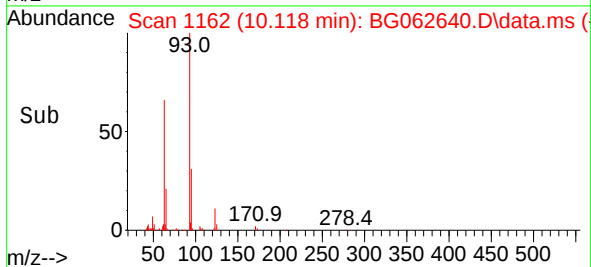
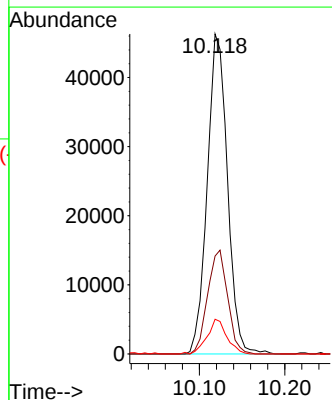
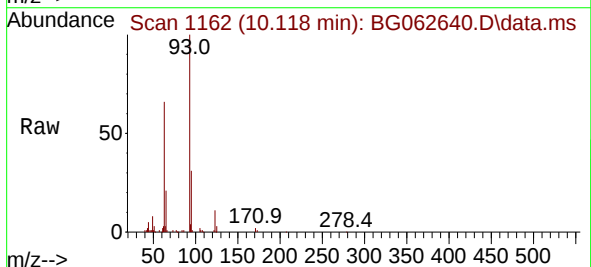
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

Tgt Ion:122 Resp: 19891  
Ion Ratio Lower Upper  
122 100  
107 119.9 95.8 143.6  
121 56.6 48.6 72.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.055 ng  
RT: 10.118 min Scan# 1162  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion: 93 Resp: 76294  
Ion Ratio Lower Upper  
93 100  
95 30.6 25.4 38.0  
123 10.8 7.9 11.9





#29

2,4-Dichlorophenol

Concen: 10.429 ng

RT: 10.359 min Scan# 1203

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

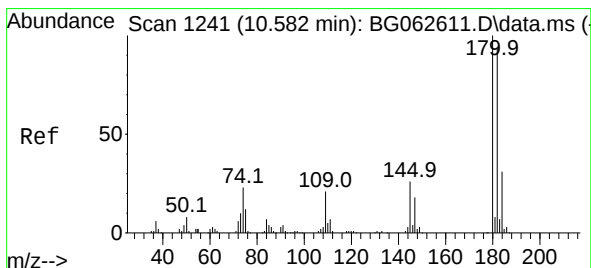
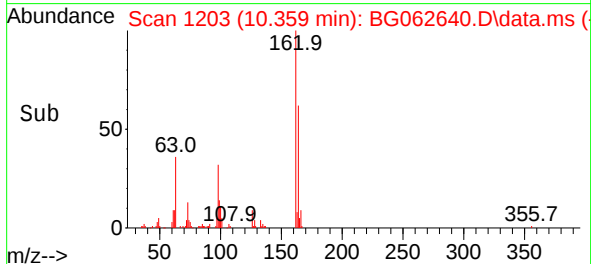
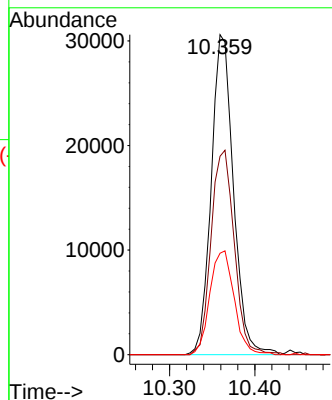
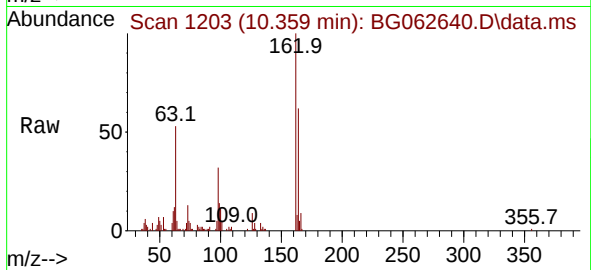
Tgt Ion:162 Resp: 55423

Ion Ratio Lower Upper

162 100

164 62.0 46.8 86.8

98 31.7 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 10.019 ng

RT: 10.576 min Scan# 1240

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

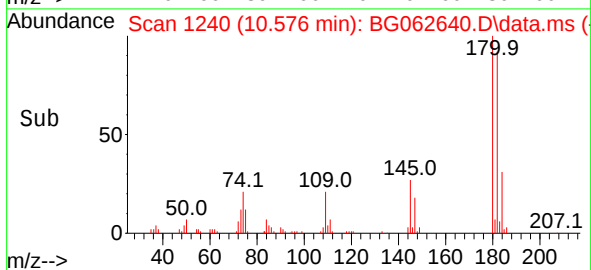
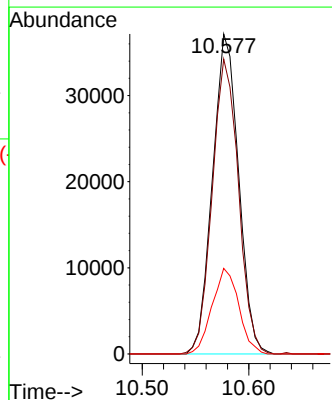
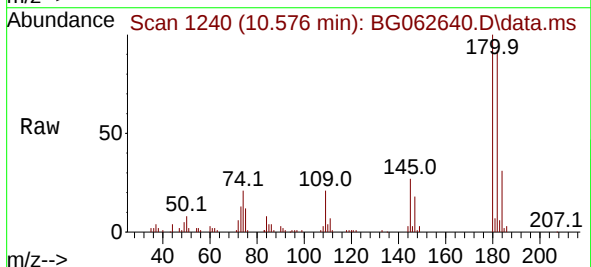
Tgt Ion:180 Resp: 63121

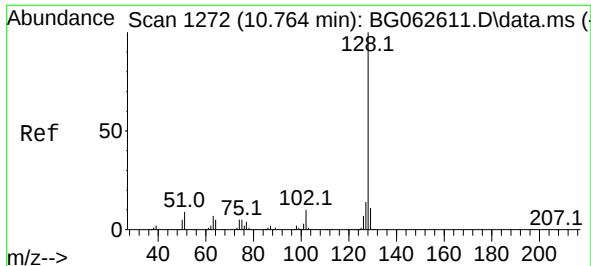
Ion Ratio Lower Upper

180 100

182 92.1 75.1 112.7

145 26.8 20.8 31.2

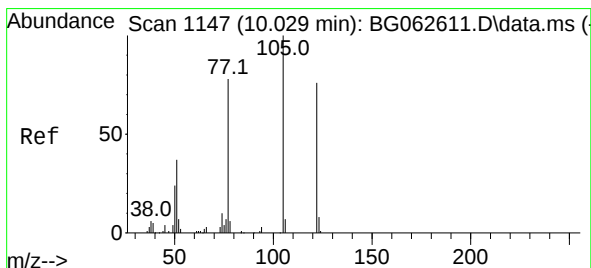
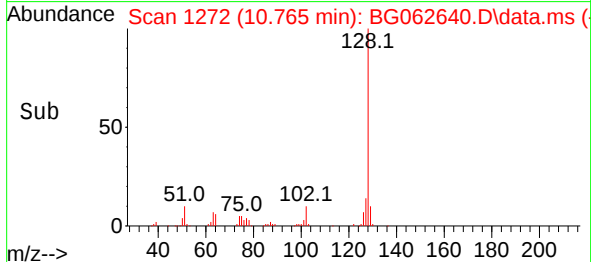
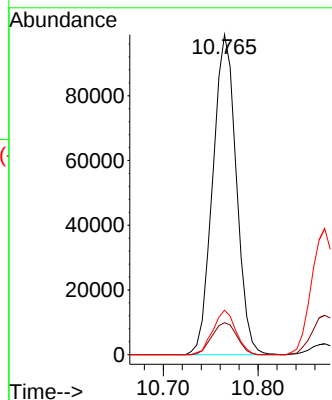
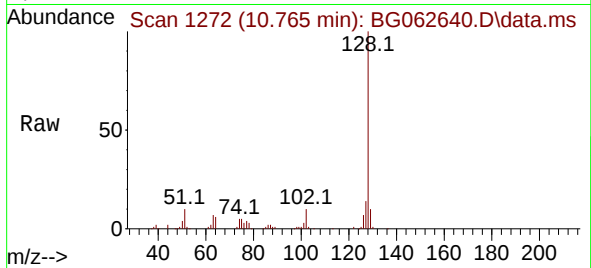




#31  
Naphthalene  
Concen: 9.899 ng  
RT: 10.765 min Scan# 1139  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

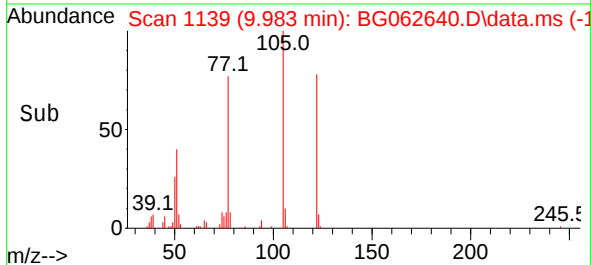
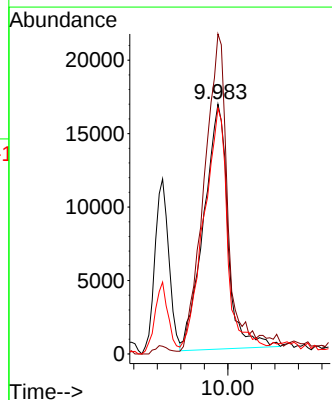
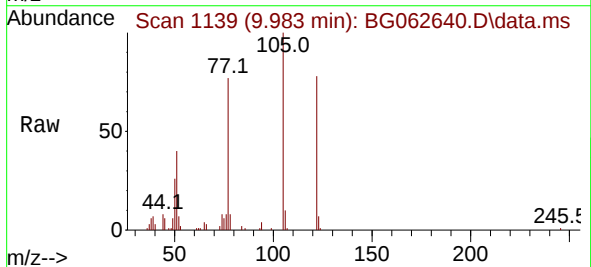
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

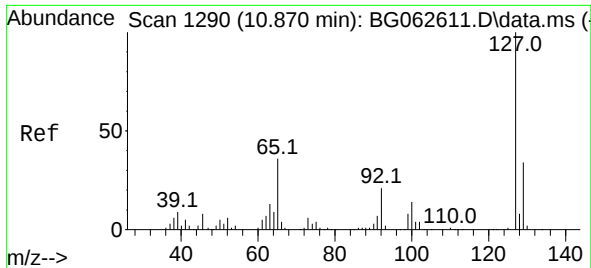
Tgt Ion:128 Resp: 170619  
Ion Ratio Lower Upper  
128 100  
129 10.0 8.8 13.2  
127 13.9 11.3 16.9



#32  
Benzoic acid  
Concen: 11.675 ng  
RT: 9.983 min Scan# 1139  
Delta R.T. -0.046 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:122 Resp: 47729  
Ion Ratio Lower Upper  
122 100  
105 128.1 105.7 145.7  
77 98.4 79.9 119.9





#33

4-Chloroaniline

Concen: 10.511 ng

RT: 10.870 min Scan# 1290

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:127 Resp: 71298

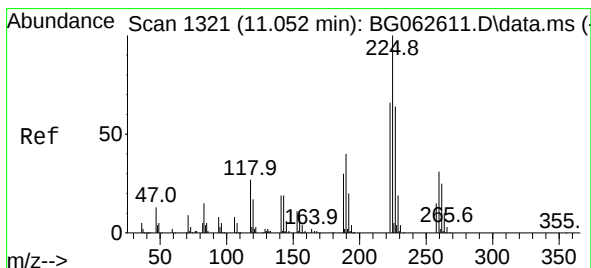
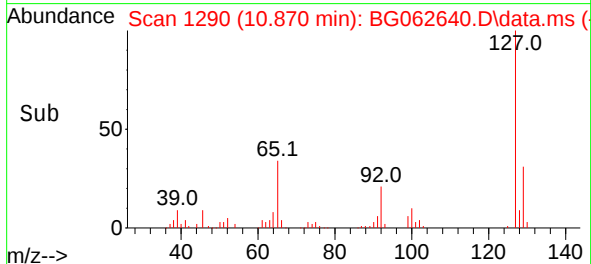
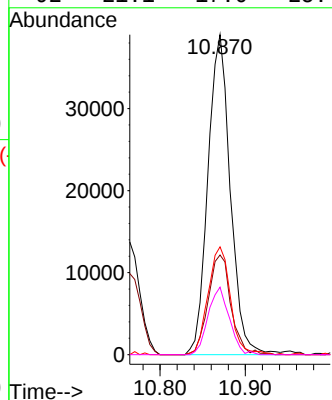
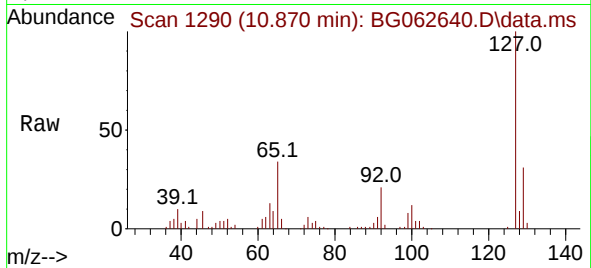
Ion Ratio Lower Upper

127 100

129 31.2 27.3 40.9

65 33.7 29.0 43.4

92 21.1 17.0 25.4



#34

Hexachlorobutadiene

Concen: 9.716 ng

RT: 11.052 min Scan# 1321

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

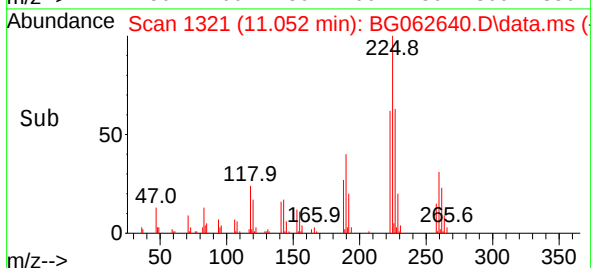
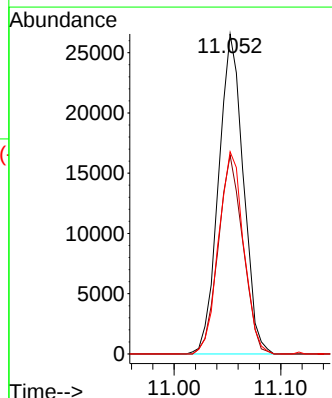
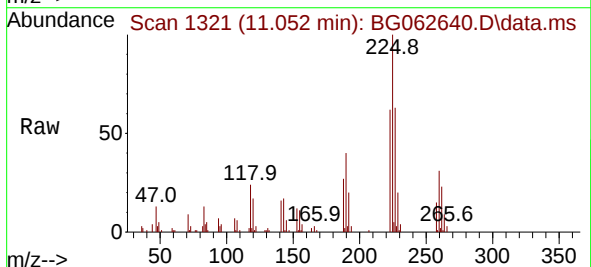
Tgt Ion:225 Resp: 42750

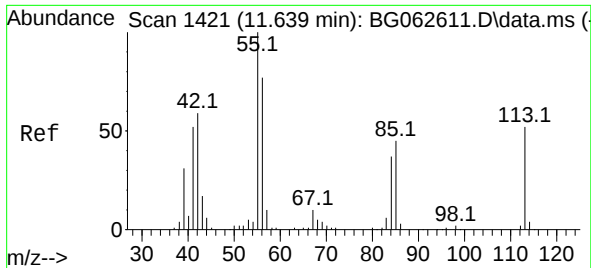
Ion Ratio Lower Upper

225 100

223 58.9 50.1 75.1

227 62.9 48.9 73.3





#35

Caprolactam

Concen: 10.712 ng

RT: 11.622 min Scan# 1418

Delta R.T. -0.017 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

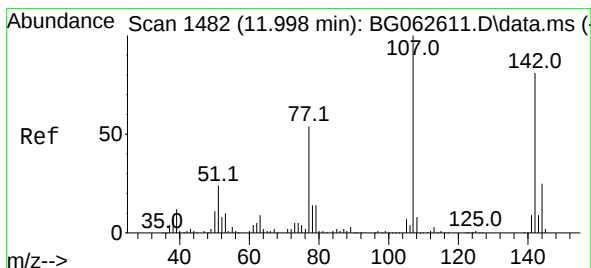
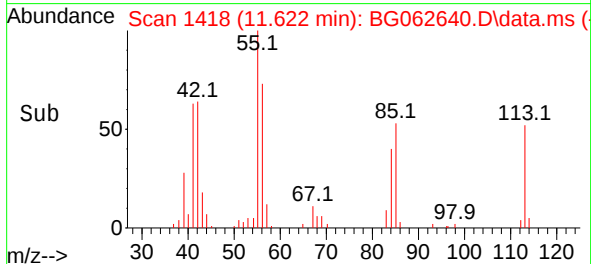
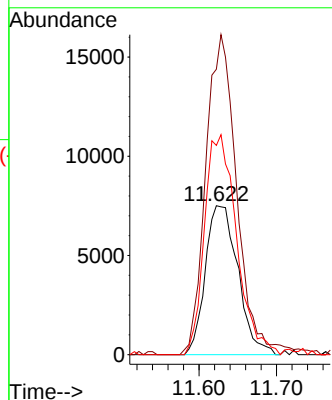
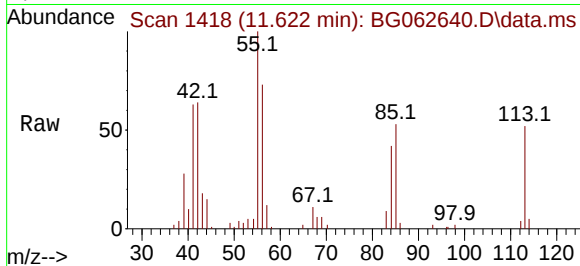
Tgt Ion:113 Resp: 21946

Ion Ratio Lower Upper

113 100

55 191.7 174.1 214.1

56 140.5 129.8 169.8



#36

4-Chloro-3-methylphenol

Concen: 8.843 ng

RT: 11.992 min Scan# 1481

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

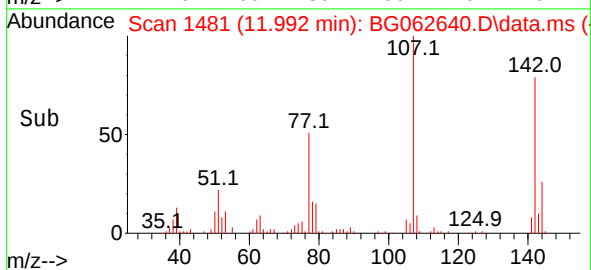
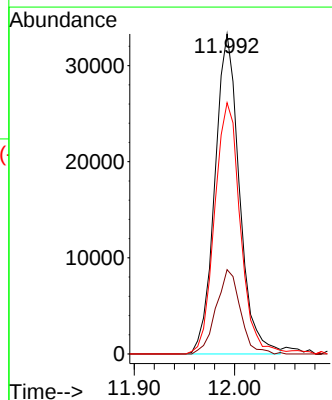
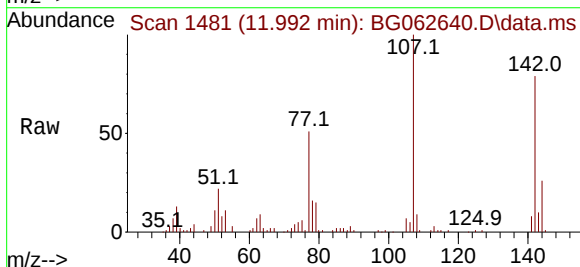
Tgt Ion:107 Resp: 56686

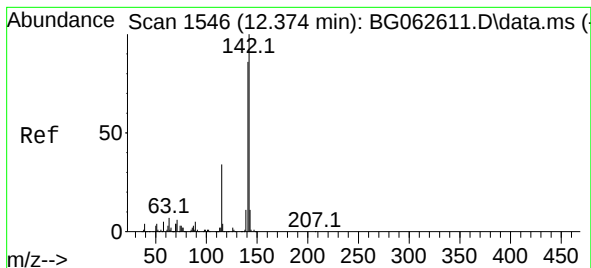
Ion Ratio Lower Upper

107 100

144 26.4 19.8 29.8

142 78.5 64.7 97.1





#37

2-Methylnaphthalene

Concen: 9.686 ng

RT: 12.369 min Scan# 1545

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

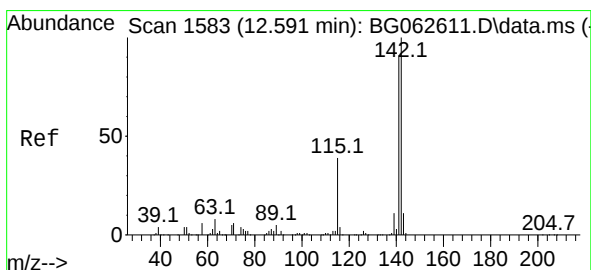
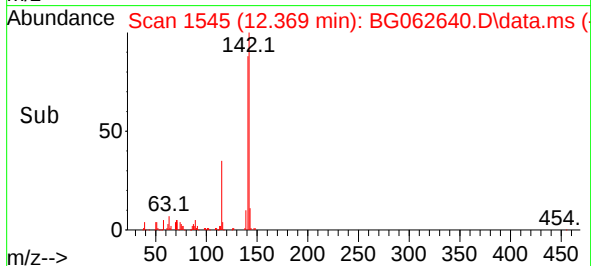
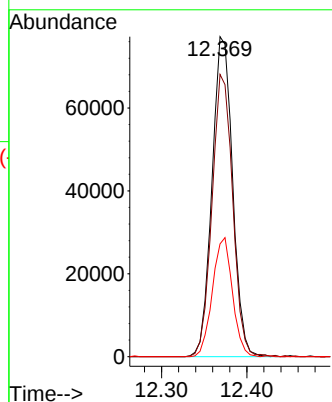
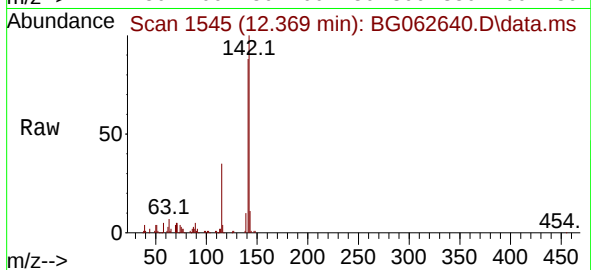
Tgt Ion:142 Resp: 129497

Ion Ratio Lower Upper

142 100

141 88.2 68.9 103.3

115 35.3 27.5 41.3



#38

1-Methylnaphthalene

Concen: 9.377 ng

RT: 12.592 min Scan# 1583

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

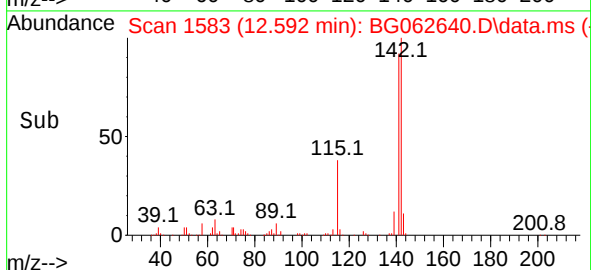
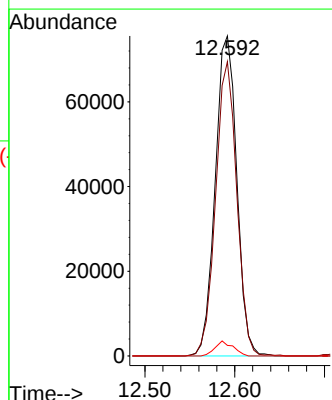
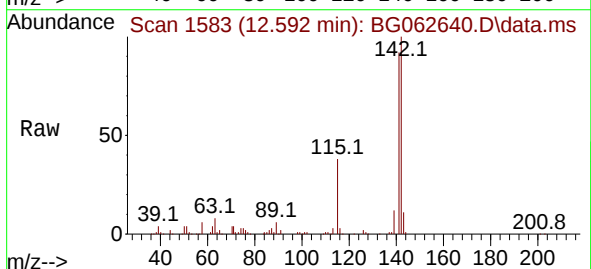
Tgt Ion:142 Resp: 125880

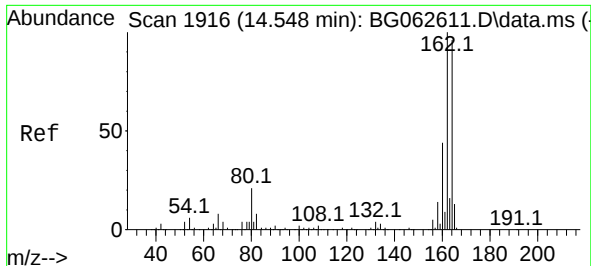
Ion Ratio Lower Upper

142 100

141 91.9 73.0 109.4

116 3.3 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.548 min Scan# 1916

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

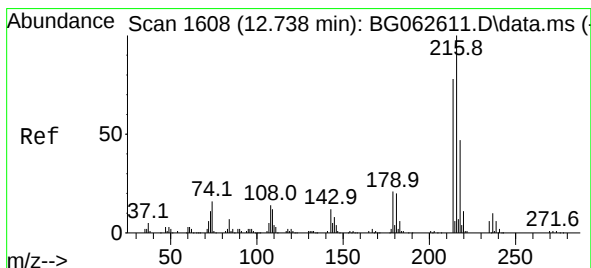
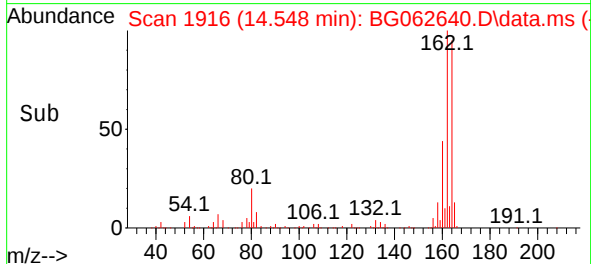
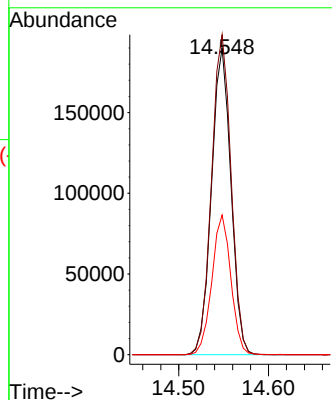
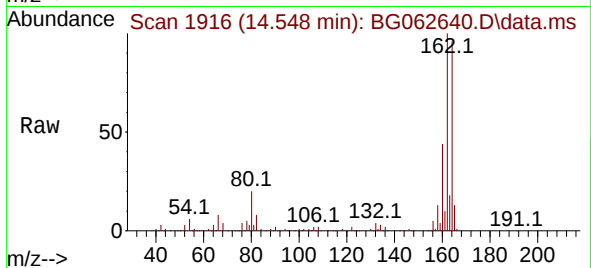
Tgt Ion:164 Resp: 284445

Ion Ratio Lower Upper

164 100

162 104.3 83.1 124.7

160 45.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.395 ng

RT: 12.739 min Scan# 1608

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Tgt Ion:216 Resp: 88919

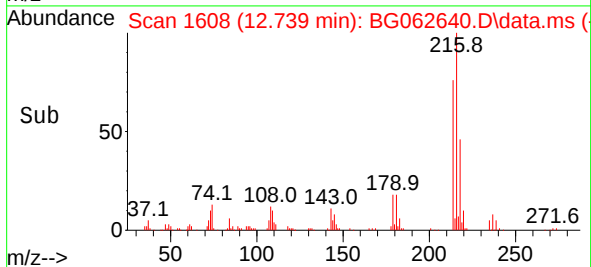
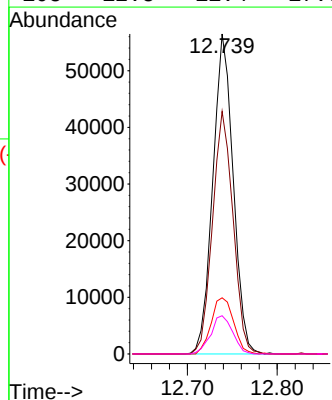
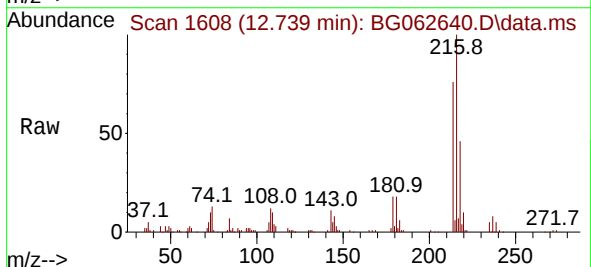
Ion Ratio Lower Upper

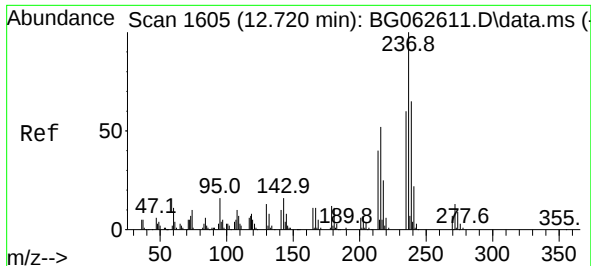
216 100

214 76.1 61.6 92.4

179 19.4 15.9 23.9

108 12.8 11.4 17.0

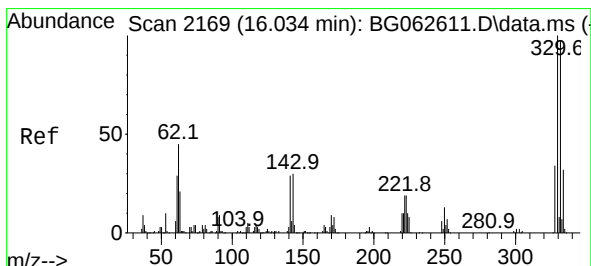
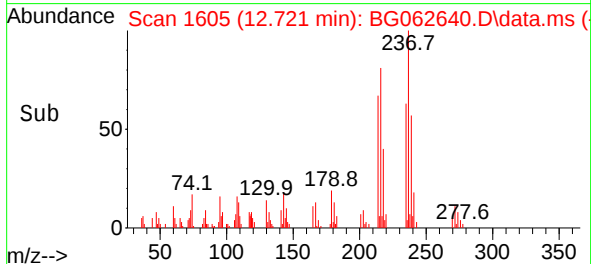
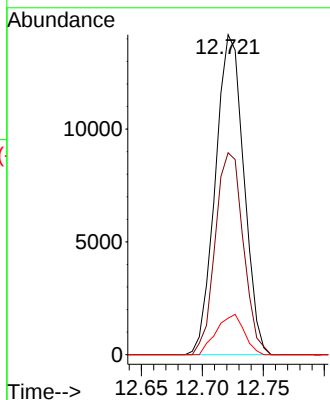
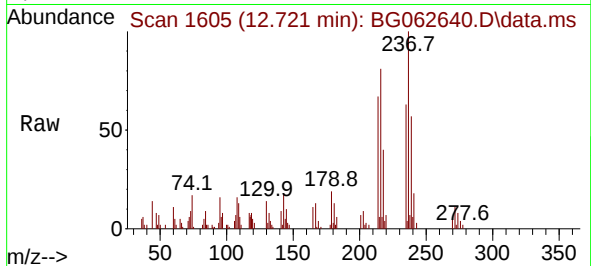




#41  
Hexachlorocyclopentadiene  
Concen: 9.440 ng  
RT: 12.721 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

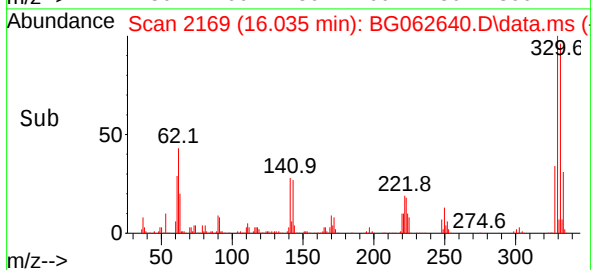
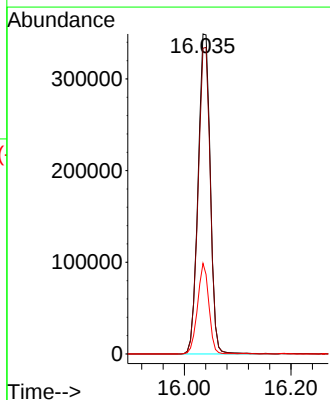
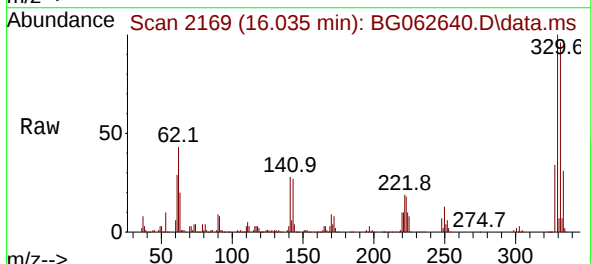
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

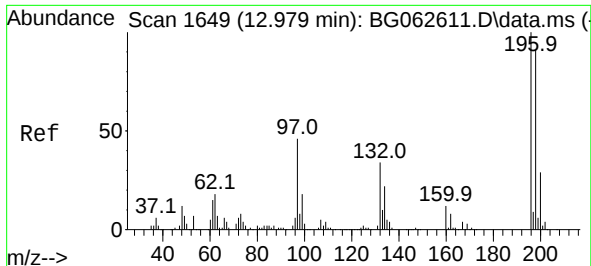
Tgt Ion:237 Resp: 23040  
Ion Ratio Lower Upper  
237 100  
235 63.1 40.4 80.4  
272 11.4 0.0 32.7



#42  
2,4,6-Tribromophenol  
Concen: 137.742 ng  
RT: 16.035 min Scan# 2169  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:330 Resp: 551388  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.2 115.8  
141 26.4 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 10.002 ng

RT: 12.980 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

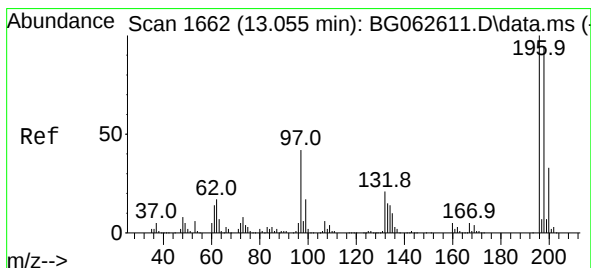
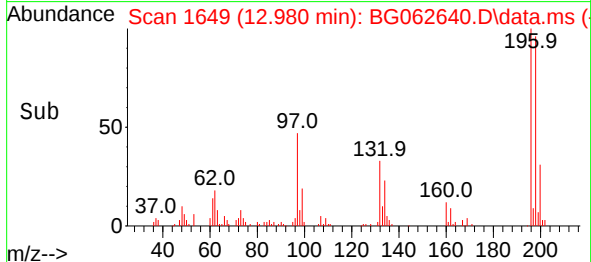
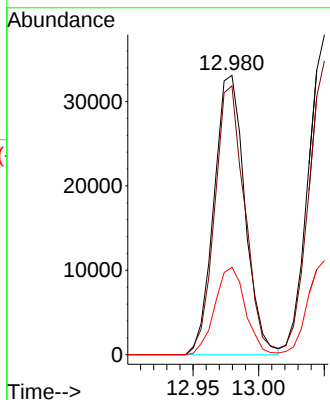
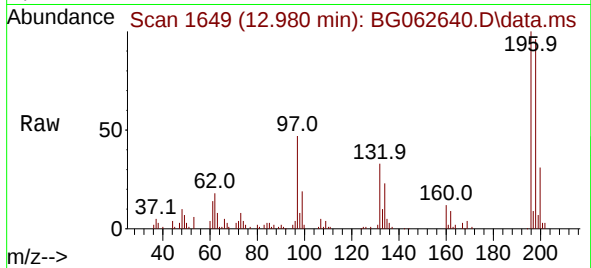
Tgt Ion:196 Resp: 54239

Ion Ratio Lower Upper

196 100

198 96.2 72.8 109.2

200 31.2 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 10.378 ng

RT: 13.050 min Scan# 1661

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Tgt Ion:196 Resp: 63734

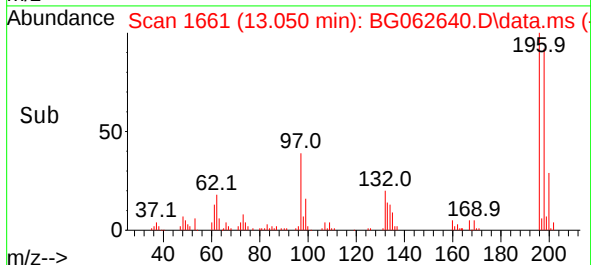
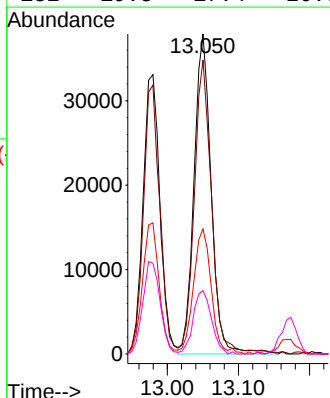
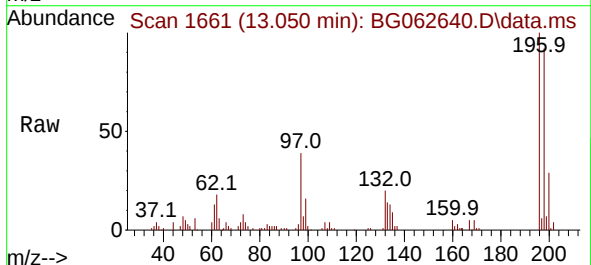
Ion Ratio Lower Upper

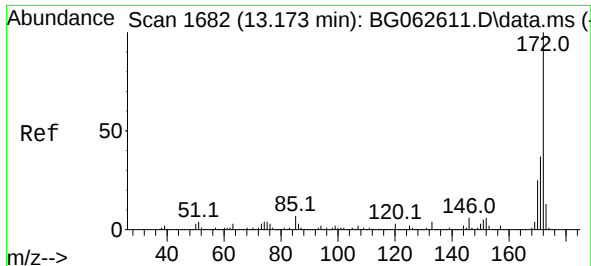
196 100

198 91.8 75.5 113.3

97 39.1 34.1 51.1

132 19.8 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 80.360 ng

RT: 13.173 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

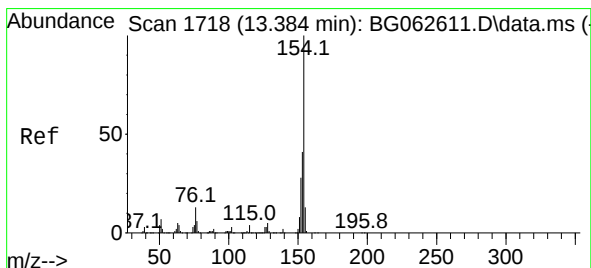
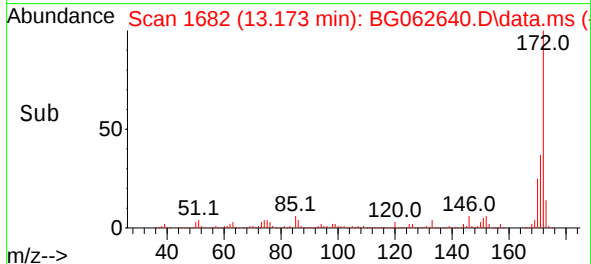
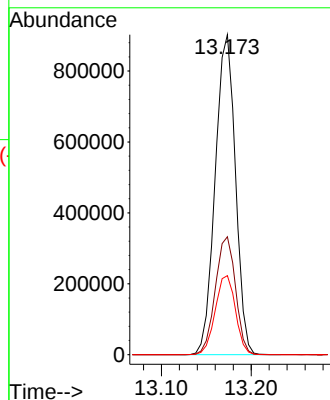
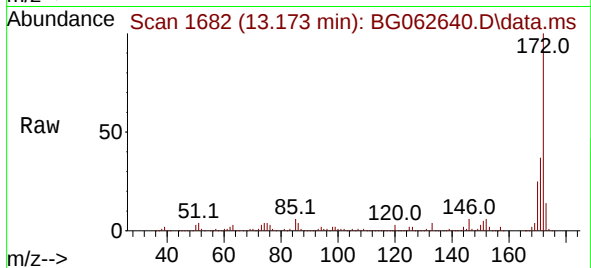
Tgt Ion:172 Resp: 1411178

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

170 24.7 20.0 30.0



#46

1,1'-Biphenyl

Concen: 10.103 ng

RT: 13.379 min Scan# 1717

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

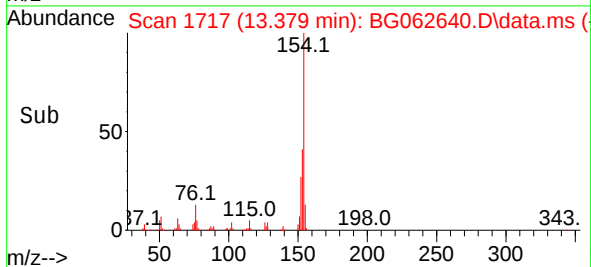
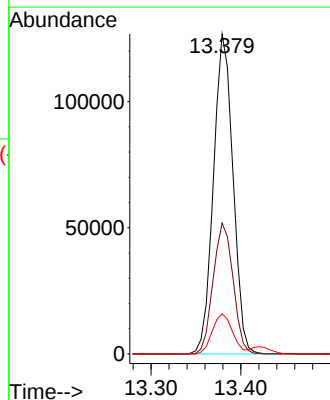
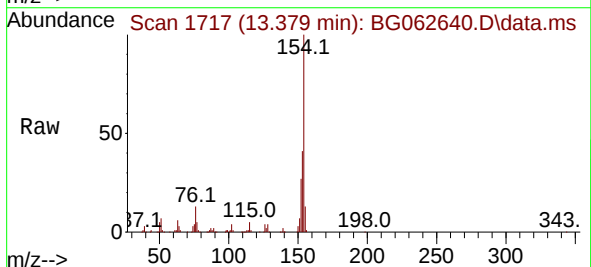
Tgt Ion:154 Resp: 191724

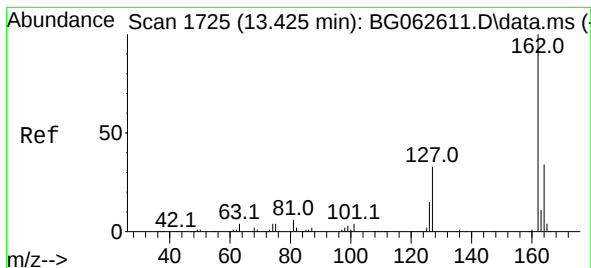
Ion Ratio Lower Upper

154 100

153 40.9 20.8 60.8

76 12.6 0.0 33.4





#47

2-Chloronaphthalene

Concen: 10.000 ng

RT: 13.420 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

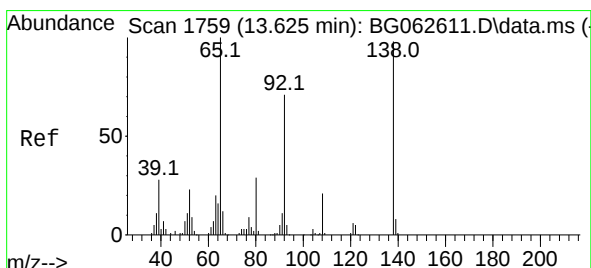
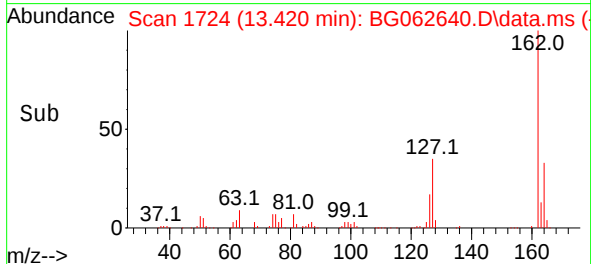
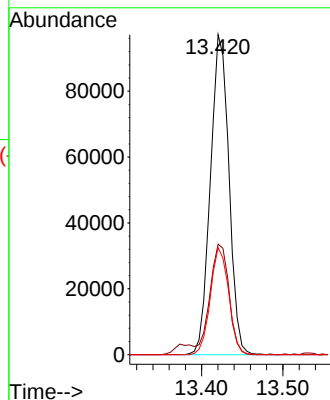
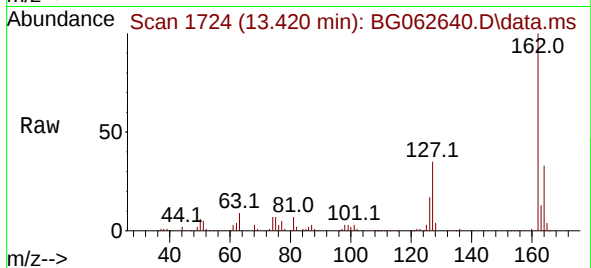
Tgt Ion:162 Resp: 153802

Ion Ratio Lower Upper

162 100

127 34.5 28.7 43.1

164 33.5 26.9 40.3



#48

2-Nitroaniline

Concen: 10.766 ng

RT: 13.620 min Scan# 1758

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

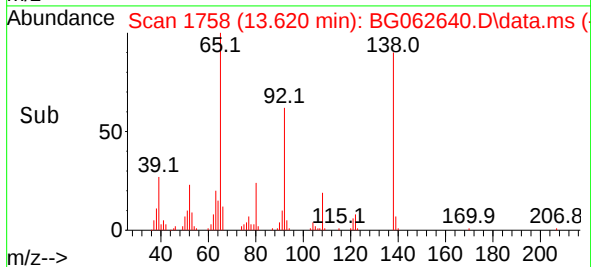
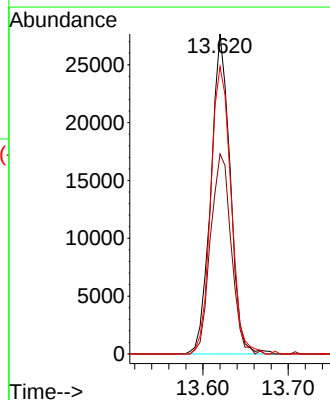
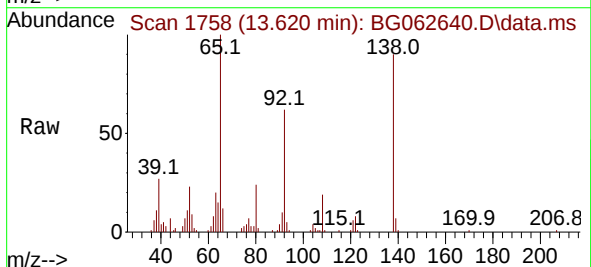
Tgt Ion: 65 Resp: 43549

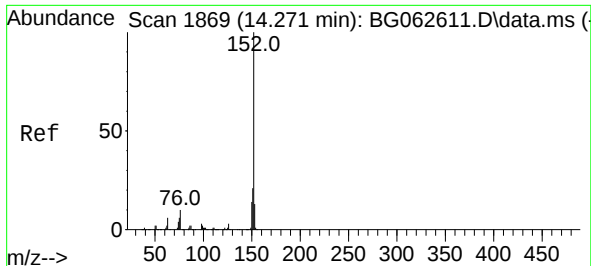
Ion Ratio Lower Upper

65 100

92 62.5 56.6 84.8

138 89.8 78.7 118.1





#49

Acenaphthylene

Concen: 11.085 ng

RT: 14.266 min Scan# 1868

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

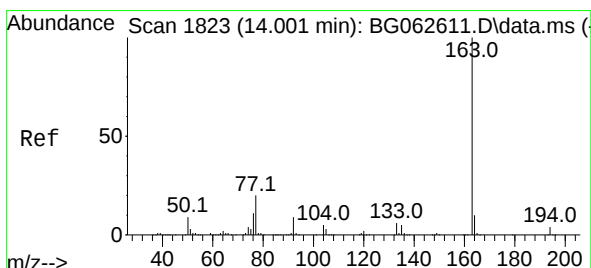
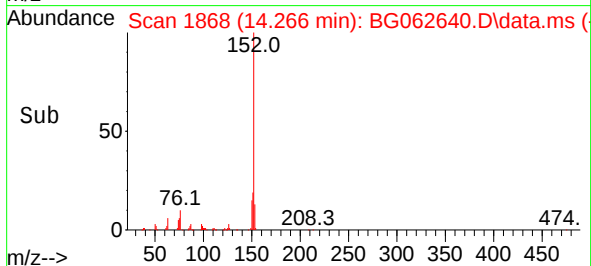
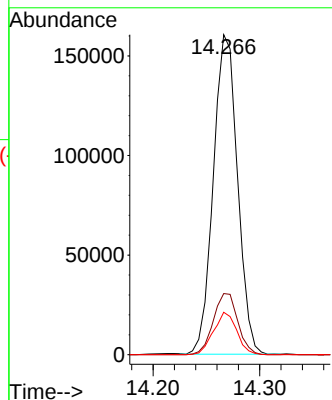
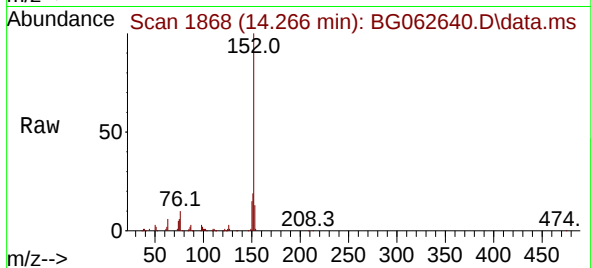
Tgt Ion:152 Resp: 252473

Ion Ratio Lower Upper

152 100

151 19.1 16.6 24.8

153 13.3 10.2 15.4



#50

Dimethylphthalate

Concen: 10.391 ng

RT: 14.002 min Scan# 1823

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

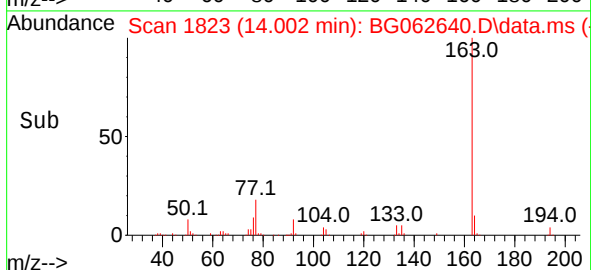
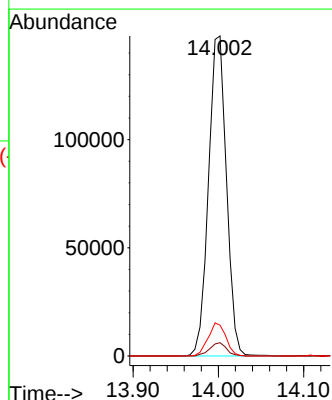
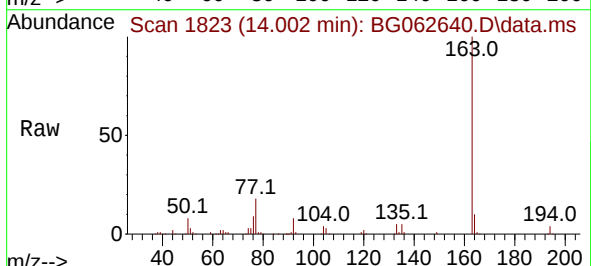
Tgt Ion:163 Resp: 216126

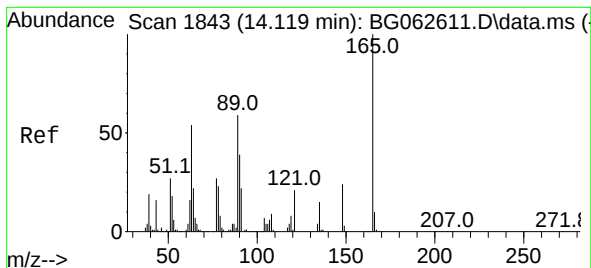
Ion Ratio Lower Upper

163 100

194 4.1 2.9 4.3

164 9.6 8.3 12.5

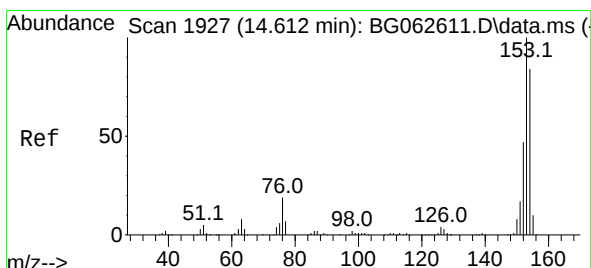
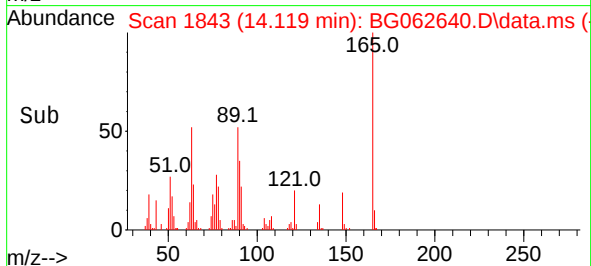
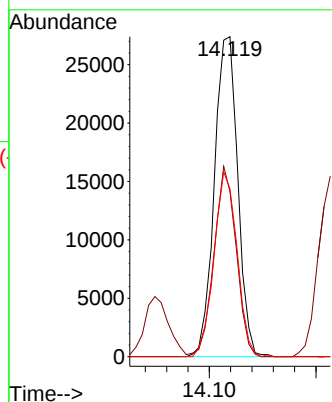
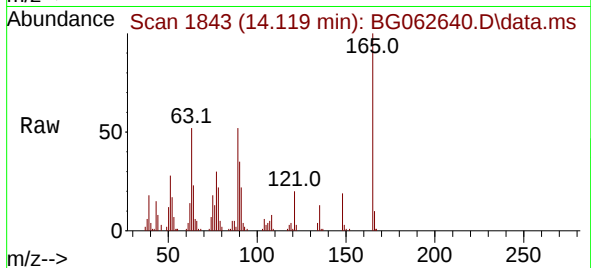




#51  
2,6-Dinitrotoluene  
Concen: 10.595 ng  
RT: 14.119 min Scan# 1843  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

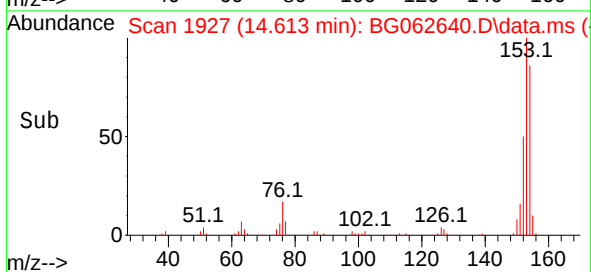
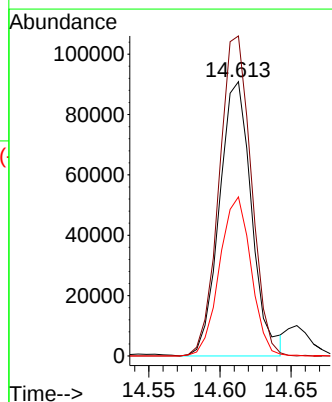
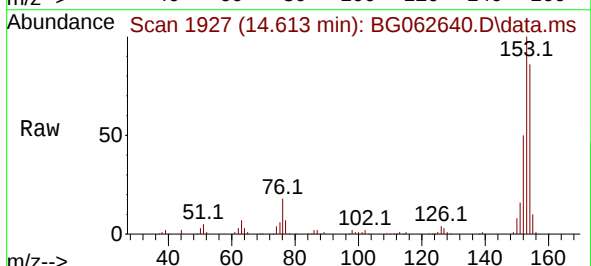
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

Tgt Ion:165 Resp: 41681  
Ion Ratio Lower Upper  
165 100  
63 51.6 46.6 69.8  
89 52.5 47.2 70.8



#52  
Acenaphthene  
Concen: 10.070 ng  
RT: 14.613 min Scan# 1927  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:154 Resp: 143376  
Ion Ratio Lower Upper  
154 100  
153 116.7 95.0 142.4  
152 58.0 45.0 67.6

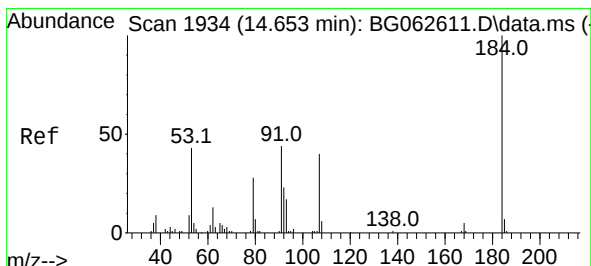
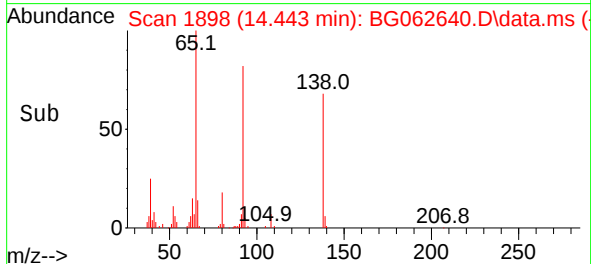
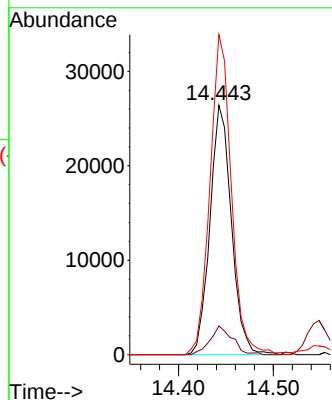
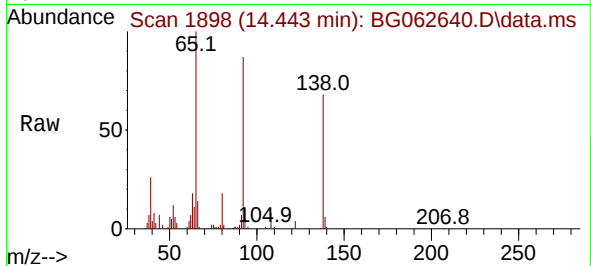




#53  
3-Nitroaniline  
Concen: 10.902 ng  
RT: 14.443 min Scan# 1899  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

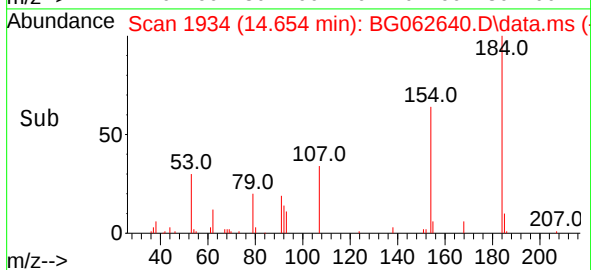
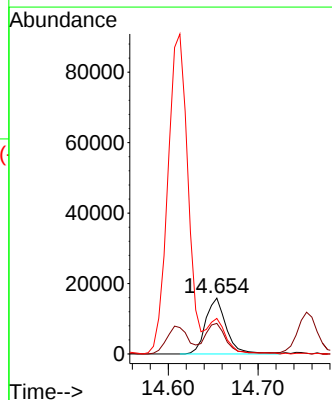
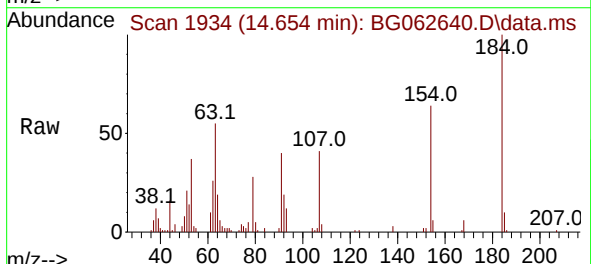
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

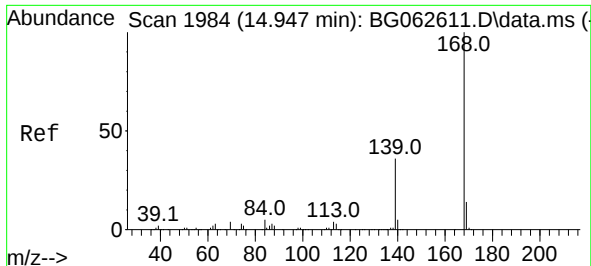
Tgt Ion:138 Resp: 41502  
Ion Ratio Lower Upper  
138 100  
108 11.6 8.6 13.0  
92 128.3 95.7 143.5



#54  
2,4-Dinitrophenol  
Concen: 11.457 ng  
RT: 14.654 min Scan# 1934  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:184 Resp: 25294  
Ion Ratio Lower Upper  
184 100  
63 54.6 49.0 73.4  
154 63.6 50.5 75.7





#55

Dibenzenofuran

Concen: 10.621 ng

RT: 14.942 min Scan# 1984

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

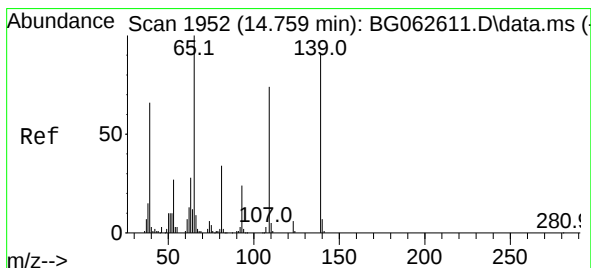
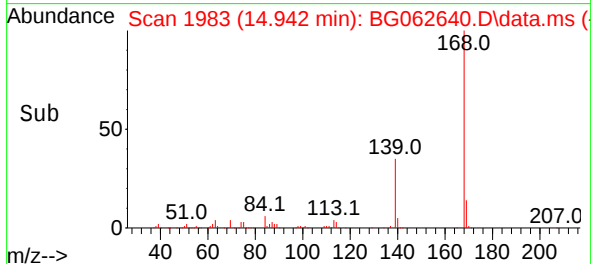
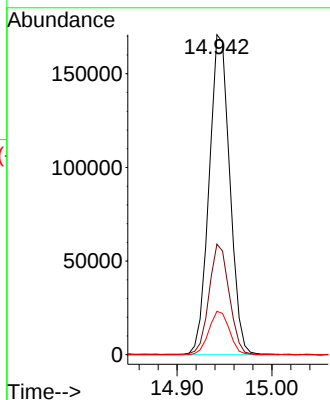
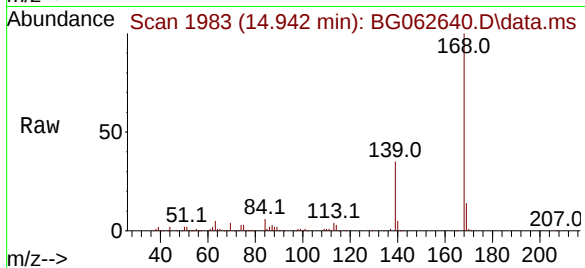
Tgt Ion:168 Resp: 259330

Ion Ratio Lower Upper

168 100

139 34.5 28.6 42.8

169 13.5 11.0 16.6



#56

4-Nitrophenol

Concen: 19.086 ng

RT: 14.754 min Scan# 1951

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

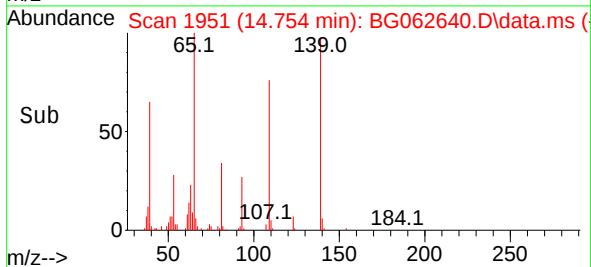
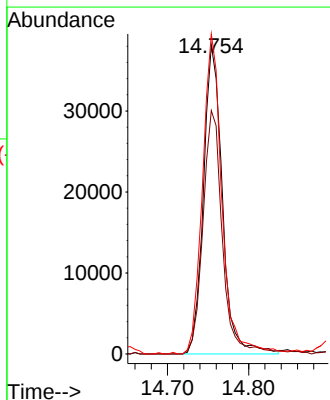
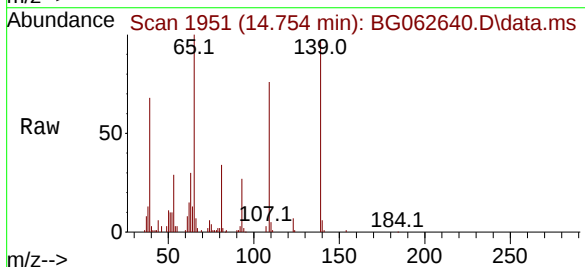
Tgt Ion:139 Resp: 61573

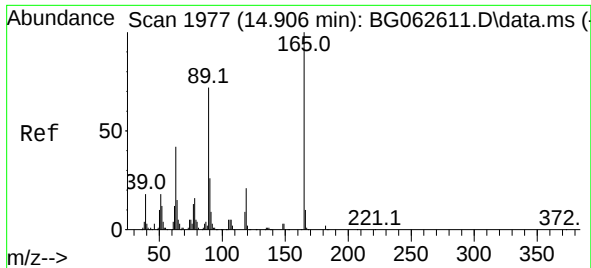
Ion Ratio Lower Upper

139 100

109 78.8 61.2 101.2

65 103.6 90.2 130.2

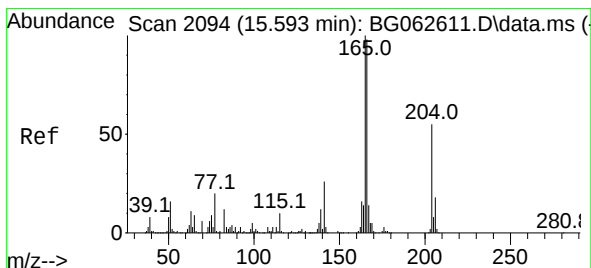
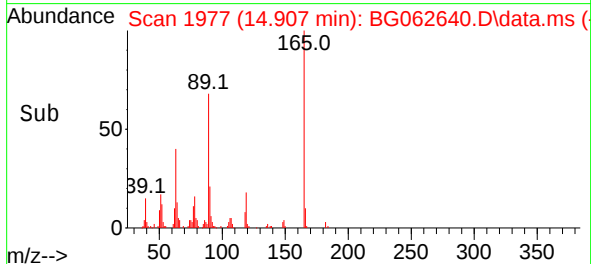
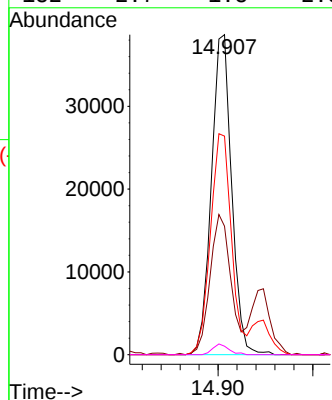
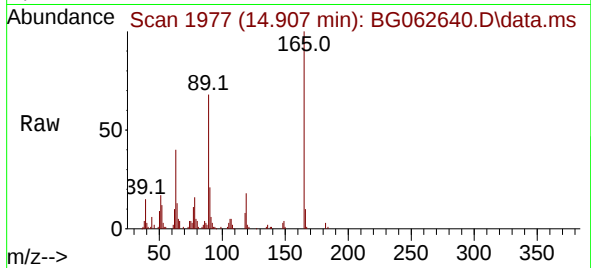




#57  
2,4-Dinitrotoluene  
Concen: 10.664 ng  
RT: 14.907 min Scan# 1977  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

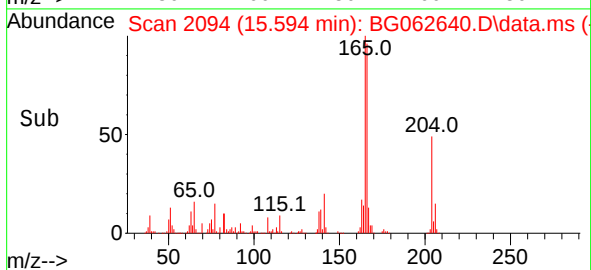
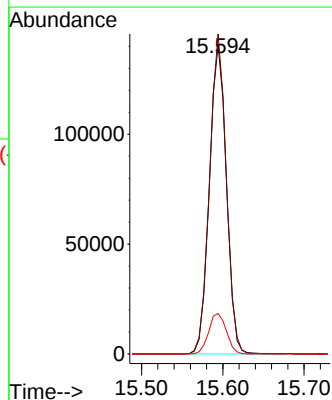
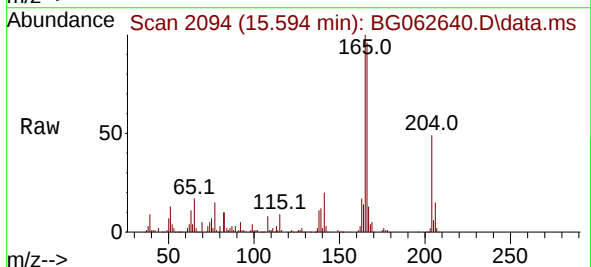
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

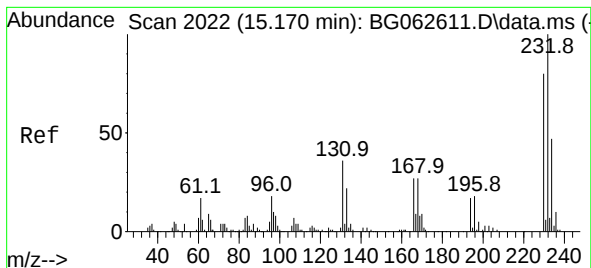
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 57243 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 40.1  | 33.8  | 50.6  |
| 89        | 68.3  | 57.9  | 86.9  |
| 182       | 2.7   | 1.8   | 2.8   |



#58  
Fluorene  
Concen: 10.656 ng  
RT: 15.594 min Scan# 2094  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

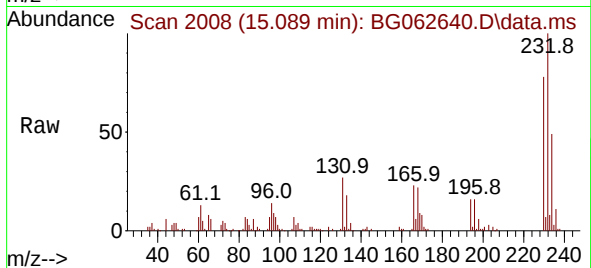
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 204197 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 103.6 | 82.0  | 123.0  |
| 167       | 13.1  | 11.3  | 16.9   |



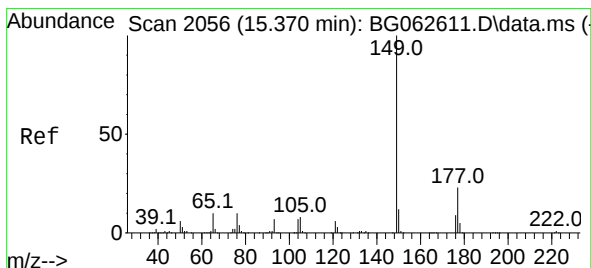
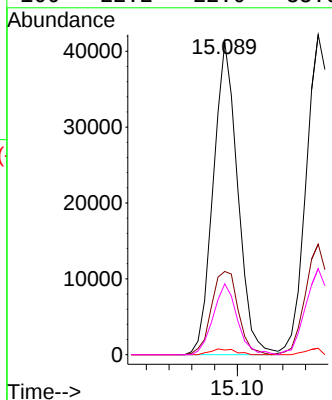
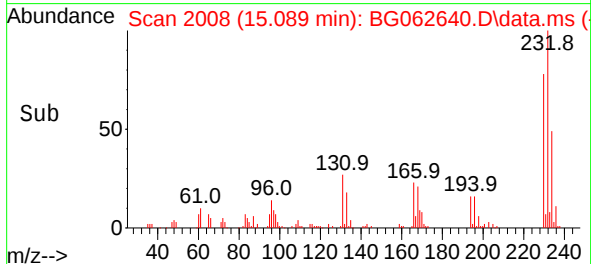


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 10.590 ng  
RT: 15.089 min Scan# 2008  
Delta R.T. -0.082 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

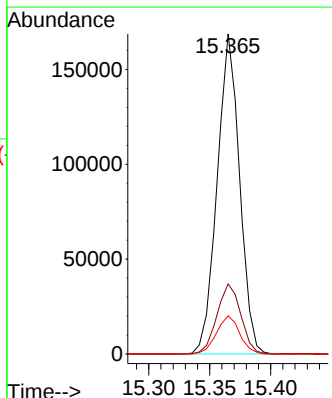
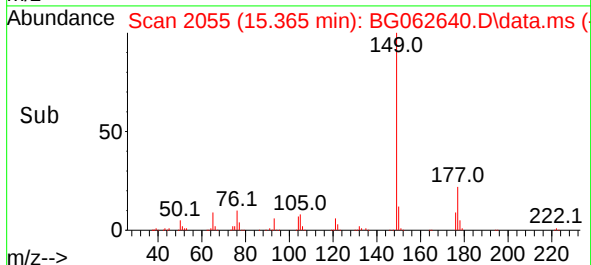
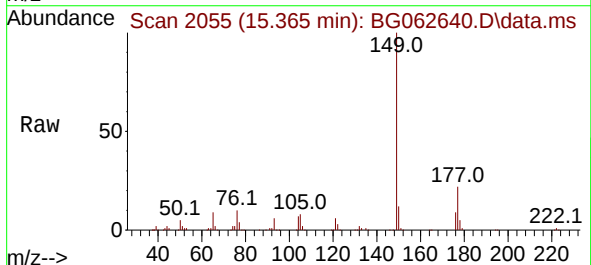


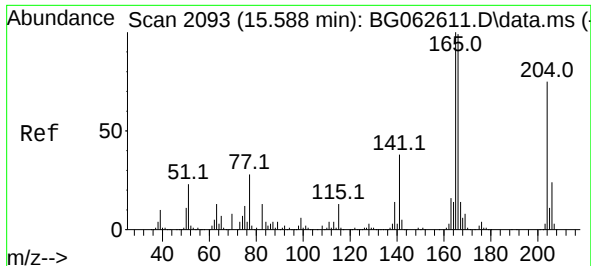
Tgt Ion:232 Resp: 61609  
Ion Ratio Lower Upper  
232 100  
131 29.1 28.3 42.5  
130 1.9 1.7 2.5  
166 22.2 22.0 33.0



#60  
Diethylphthalate  
Concen: 10.471 ng  
RT: 15.365 min Scan# 2055  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:149 Resp: 215869  
Ion Ratio Lower Upper  
149 100  
177 21.9 18.0 27.0  
150 12.0 9.8 14.8

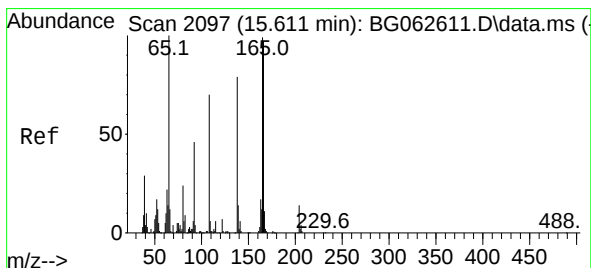
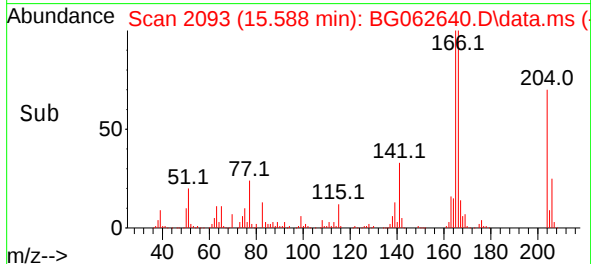
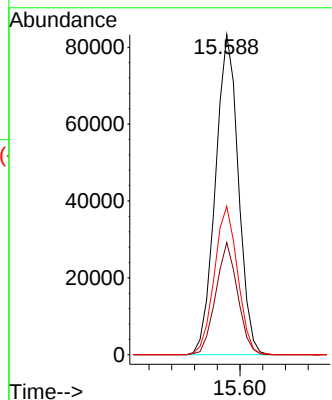
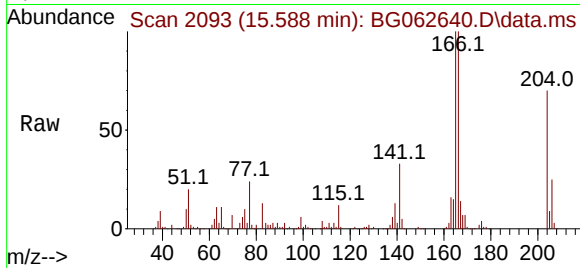




#61  
4-Chlorophenyl-phenylether  
Concen: 10.622 ng  
RT: 15.588 min Scan# 2093  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

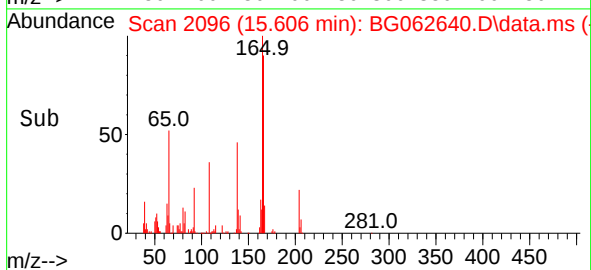
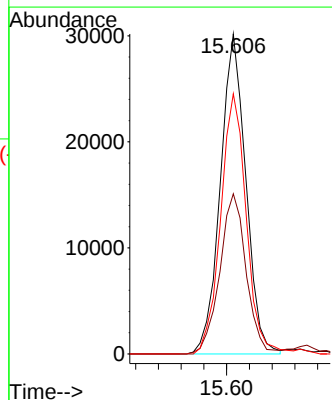
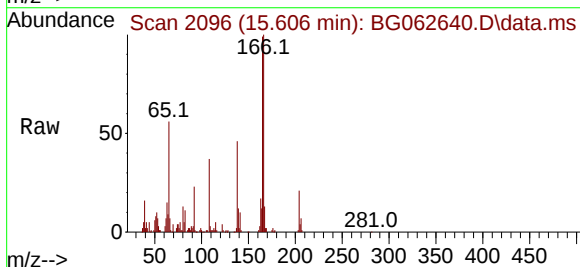
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

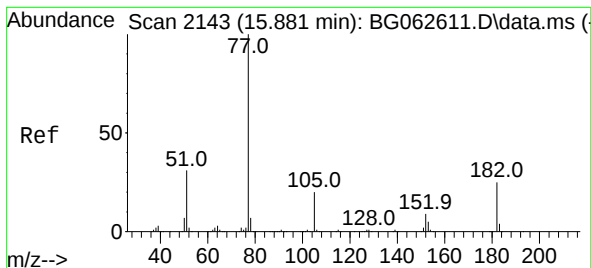
Tgt Ion:204 Resp: 116848  
Ion Ratio Lower Upper  
204 100  
206 35.0 25.9 38.9  
141 46.4 41.0 61.6



#62  
4-Nitroaniline  
Concen: 11.179 ng  
RT: 15.606 min Scan# 2096  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:138 Resp: 46921  
Ion Ratio Lower Upper  
138 100  
92 50.1 38.4 78.4  
108 81.3 69.0 109.0





#63

Azobenzene

Concen: 10.266 ng

RT: 15.882 min Scan# 2143

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 77 Resp: 198729

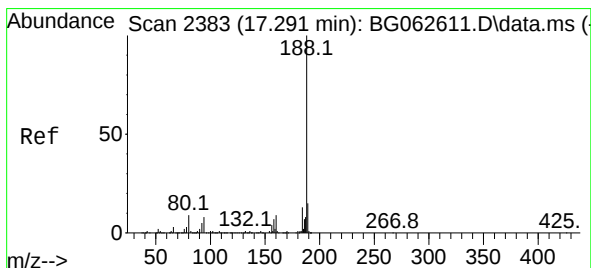
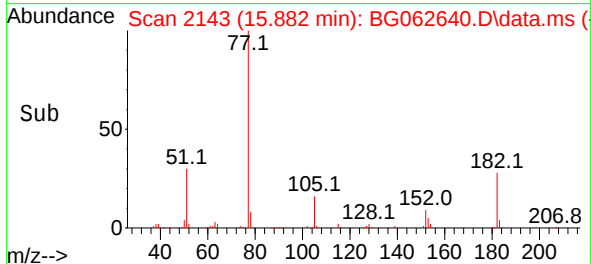
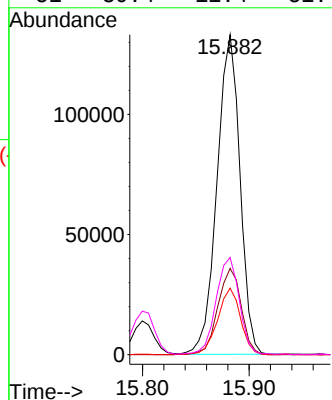
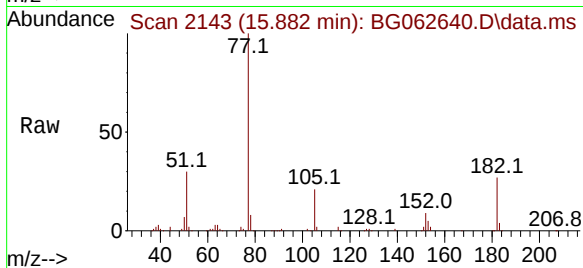
Ion Ratio Lower Upper

77 100

182 27.0 5.0 45.0

105 20.8 0.5 40.5

51 30.4 11.4 51.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2383

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

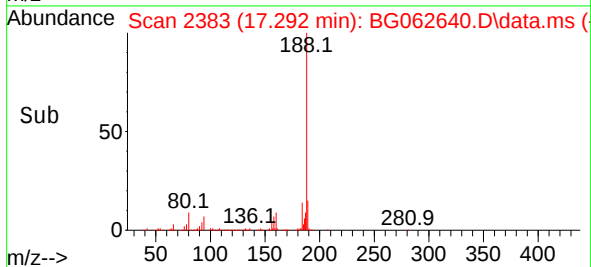
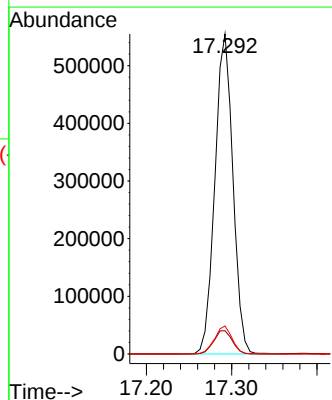
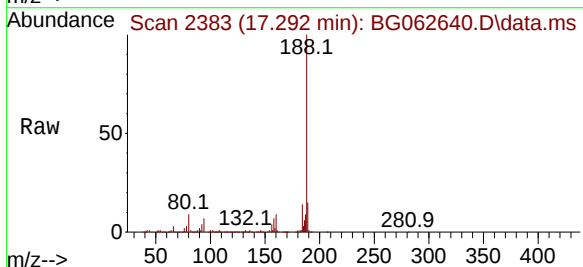
Tgt Ion:188 Resp: 814457

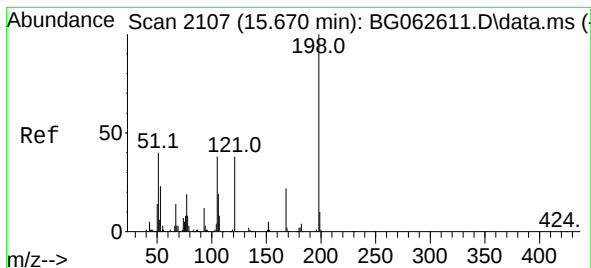
Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

80 8.8 7.0 10.4

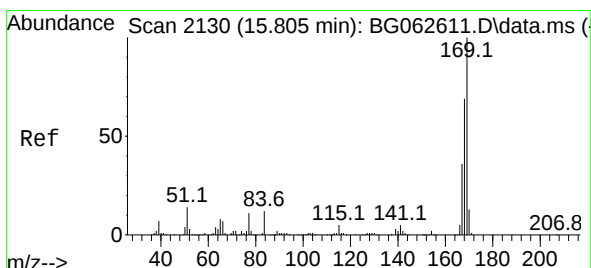
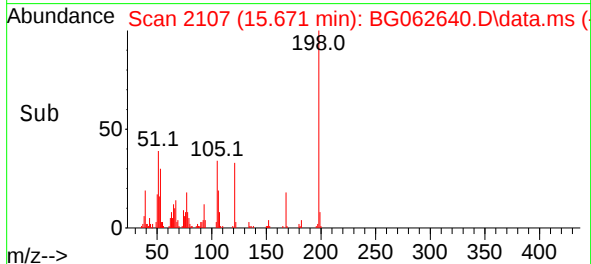
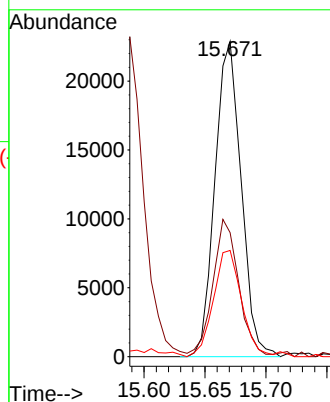
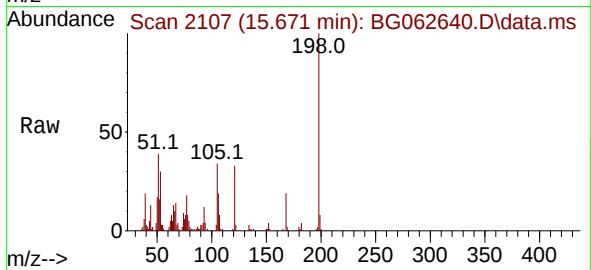




#65  
4,6-Dinitro-2-methylphenol  
Concen: 9.407 ng  
RT: 15.671 min Scan# 2107  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

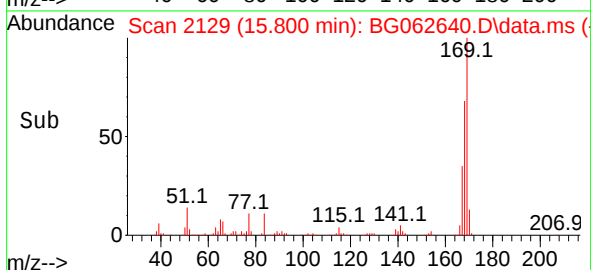
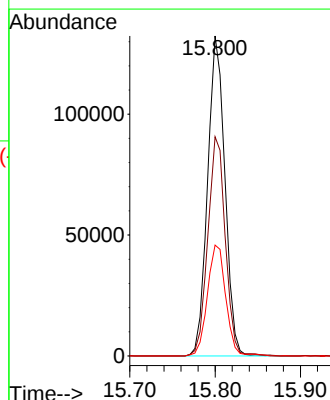
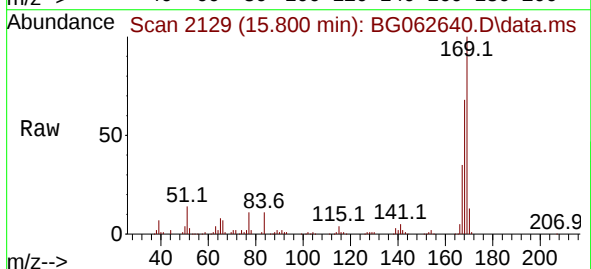
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

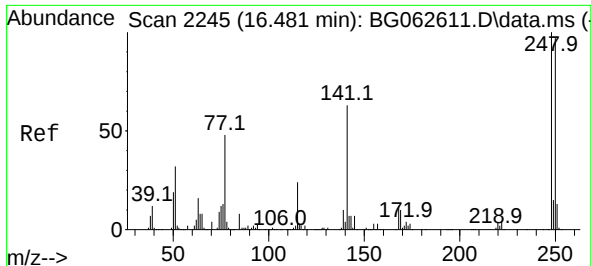
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 39.3  | 25.1  | 65.1  |
| 105     | 33.7  | 18.3  | 58.3  |



#66  
n-Nitrosodiphenylamine  
Concen: 9.525 ng  
RT: 15.800 min Scan# 2129  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.5  | 55.4  | 83.2  |
| 167     | 34.6  | 29.0  | 43.6  |





#67

4-Bromophenyl-phenylether

Concen: 9.470 ng

RT: 16.481 min Scan# 2245

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

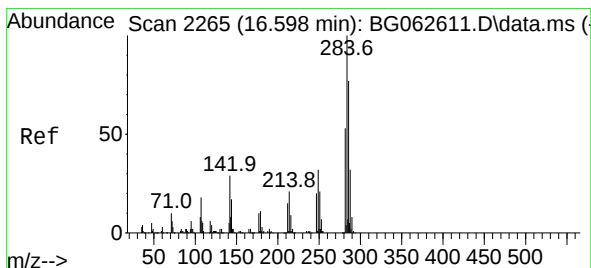
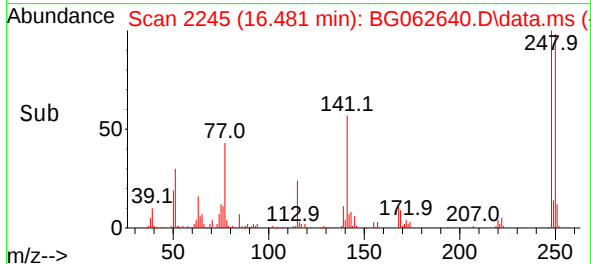
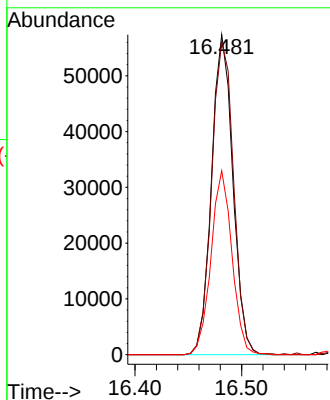
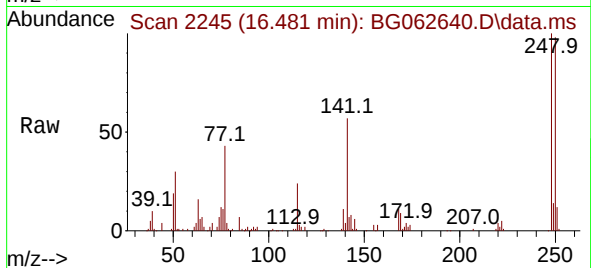
Tgt Ion:248 Resp: 79604

Ion Ratio Lower Upper

248 100

250 97.8 77.9 116.9

141 57.5 50.2 75.2



#68

Hexachlorobenzene

Concen: 9.569 ng

RT: 16.599 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

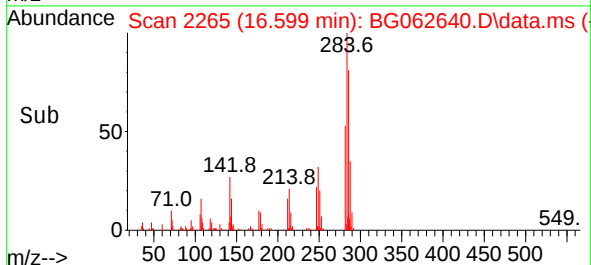
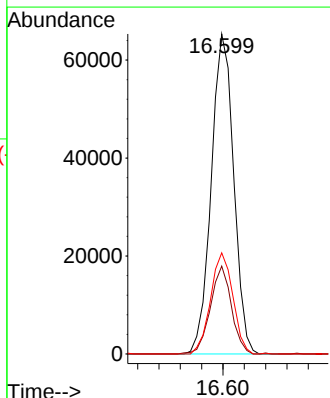
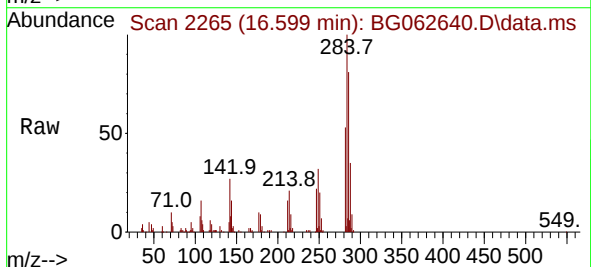
Tgt Ion:284 Resp: 95260

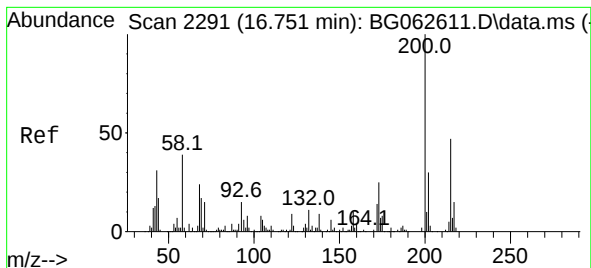
Ion Ratio Lower Upper

284 100

142 27.4 23.5 35.3

249 31.6 25.4 38.0





#69

Atrazine

Concen: 12.810 ng

RT: 16.746 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

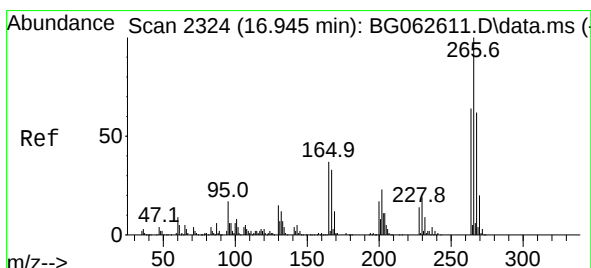
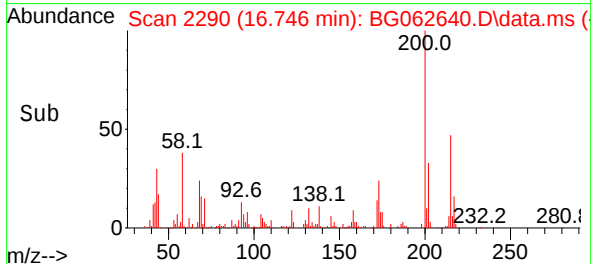
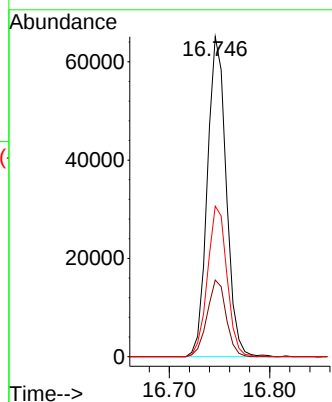
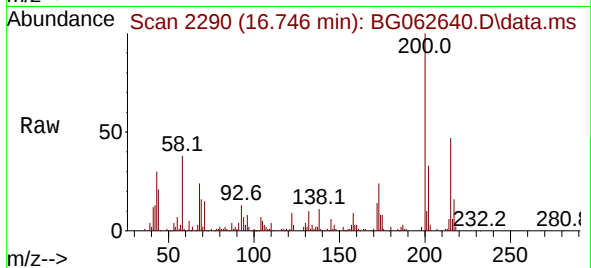
Tgt Ion:200 Resp: 85198

Ion Ratio Lower Upper

200 100

173 24.0 5.2 45.2

215 47.1 27.3 67.3



#70

Pentachlorophenol

Concen: 14.907 ng

RT: 16.940 min Scan# 2323

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

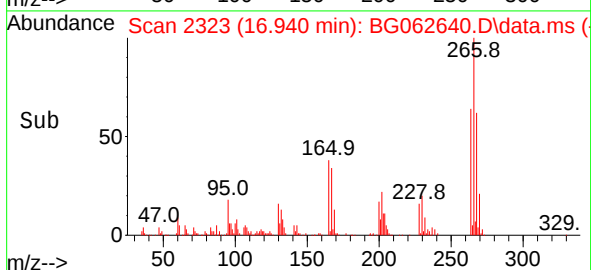
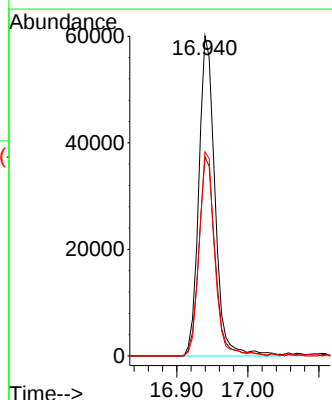
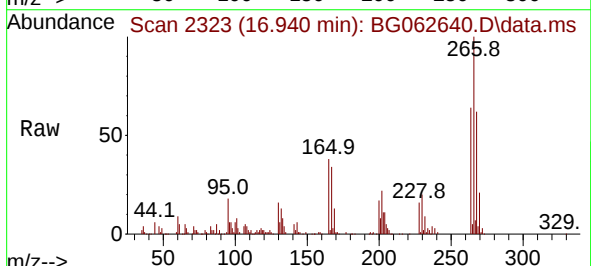
Tgt Ion:266 Resp: 95044

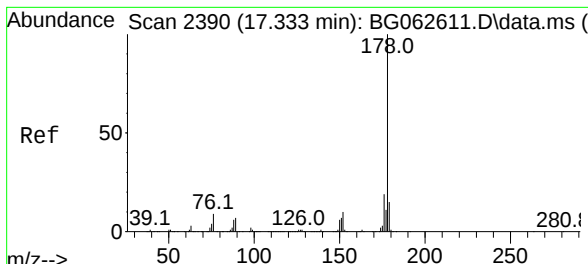
Ion Ratio Lower Upper

266 100

268 66.7 52.6 79.0

264 63.8 51.6 77.4



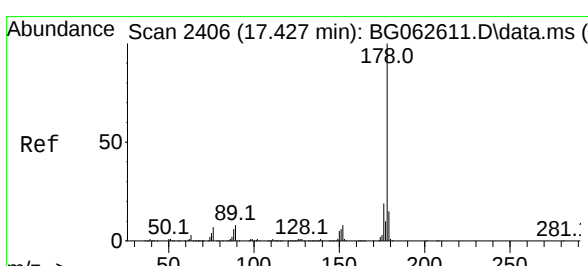
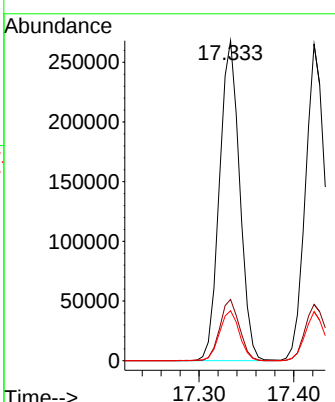
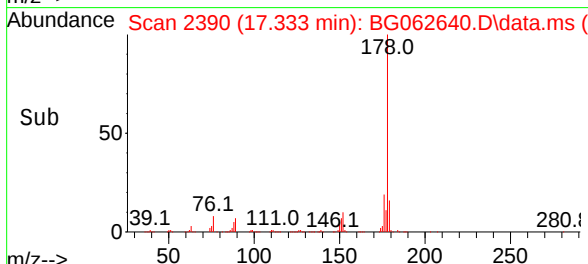
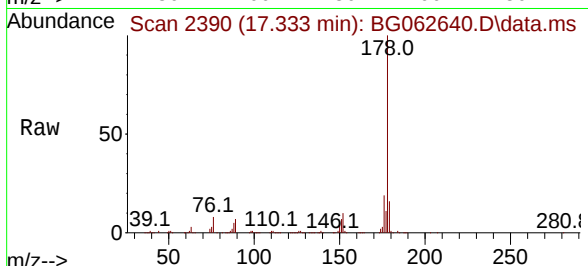


#71  
 Phenanthrene  
 Concen: 10.420 ng  
 RT: 17.333 min Scan# 2405  
 Delta R.T. 0.001 min  
 Lab File: BG062640.D  
 Acq: 4 Sep 2024 12:28

Instrument : BNA\_G  
 ClientSampleId : LOQ-WATER-02-QT3-2024

Tgt Ion:178 Resp: 396133

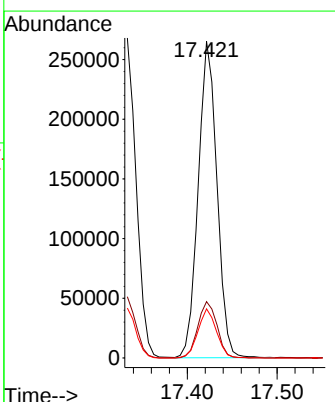
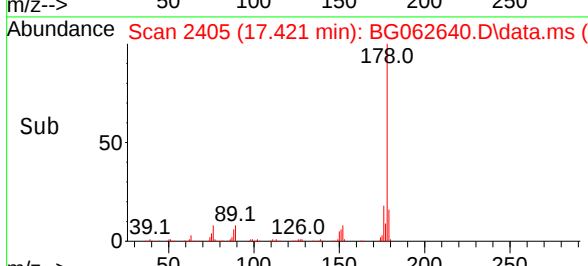
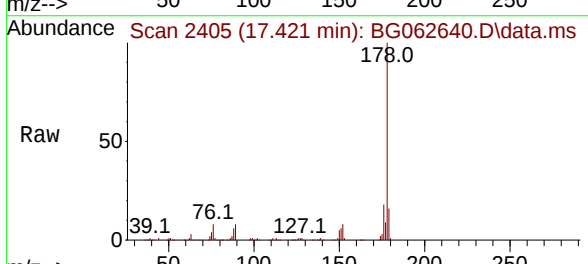
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.2  | 15.4  | 23.0  |
| 179 | 15.6  | 12.2  | 18.4  |

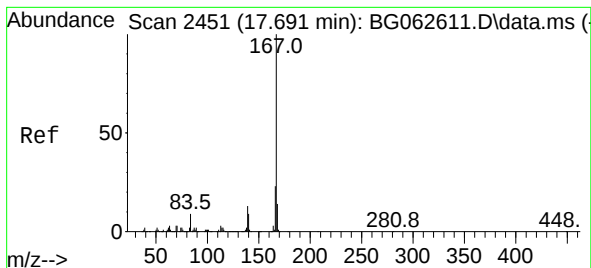


#72  
 Anthracene  
 Concen: 10.264 ng  
 RT: 17.421 min Scan# 2405  
 Delta R.T. -0.005 min  
 Lab File: BG062640.D  
 Acq: 4 Sep 2024 12:28

Tgt Ion:178 Resp: 383624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 17.8  | 15.2  | 22.8  |
| 179 | 15.5  | 12.0  | 18.0  |





#73

Carbazole

Concen: 10.262 ng

RT: 17.692 min Scan# 2451

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

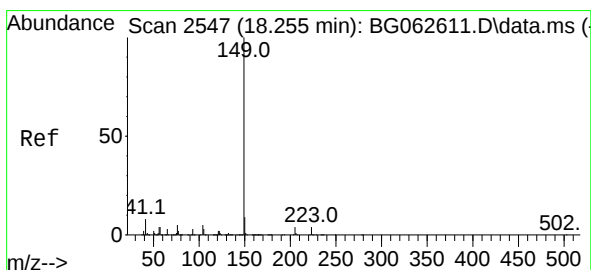
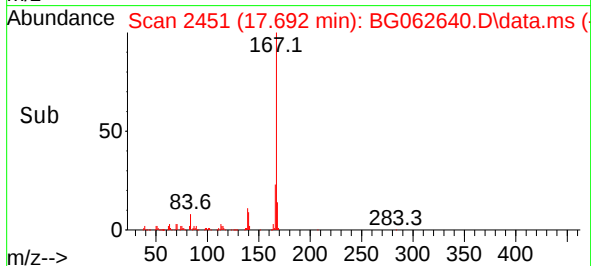
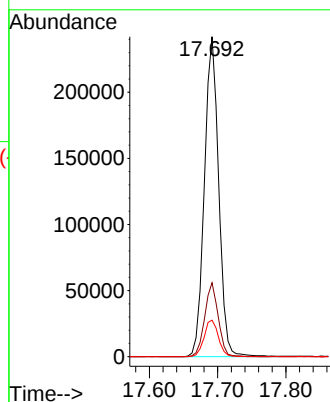
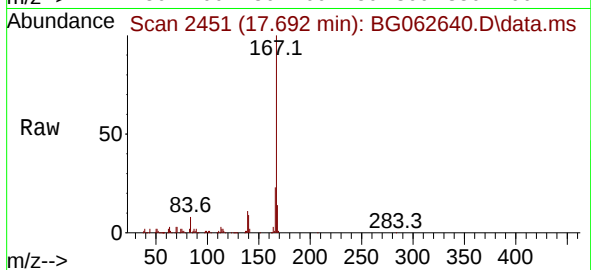
Tgt Ion:167 Resp: 352624

Ion Ratio Lower Upper

167 100

166 23.1 18.2 27.2

139 11.4 10.1 15.1



#74

Di-n-butylphthalate

Concen: 10.210 ng

RT: 18.256 min Scan# 2547

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

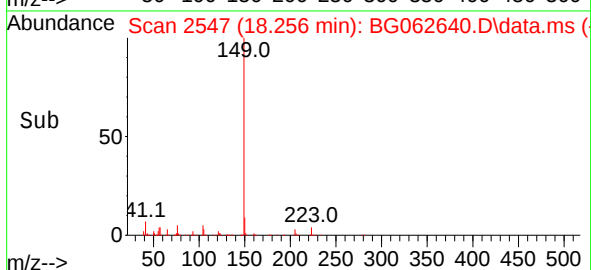
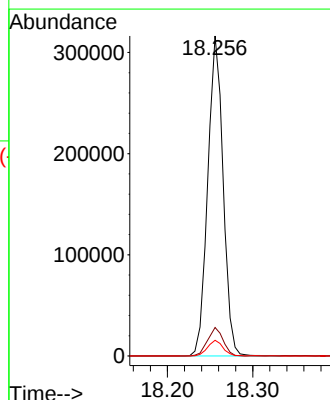
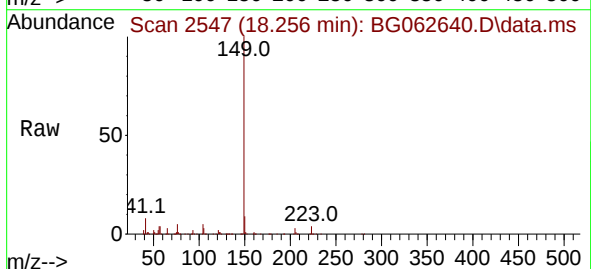
Tgt Ion:149 Resp: 395654

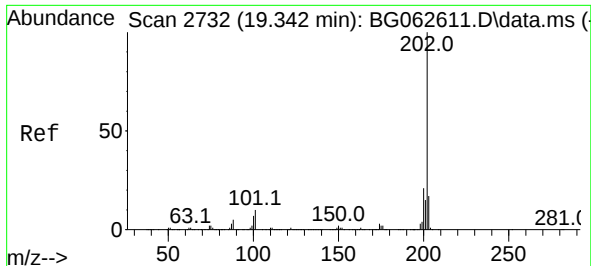
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 4.9 4.2 6.2

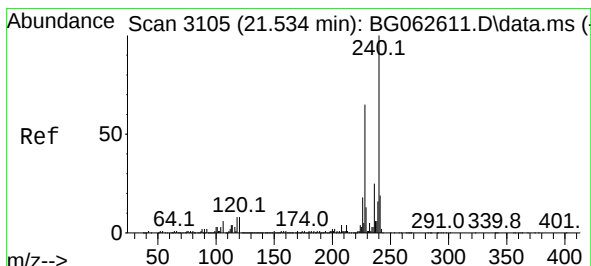
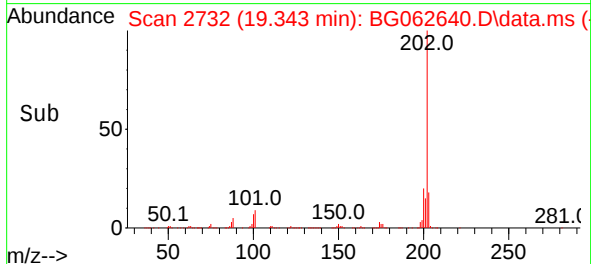
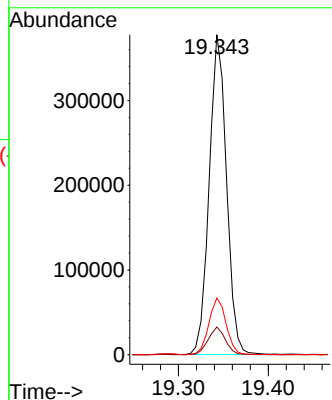
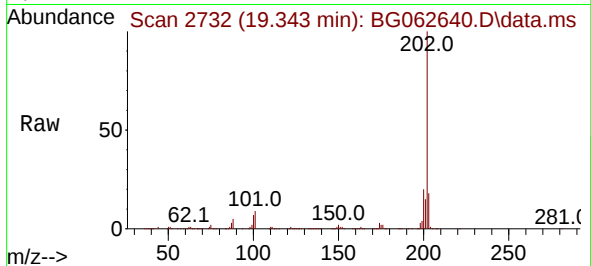




#75  
Fluoranthene  
Concen: 10.500 ng  
RT: 19.343 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

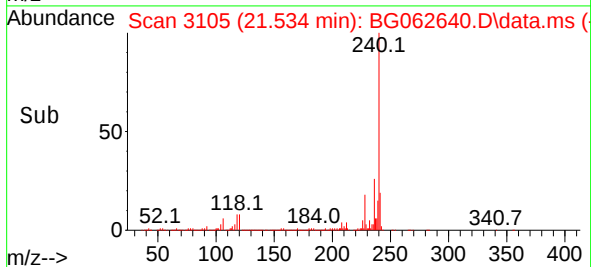
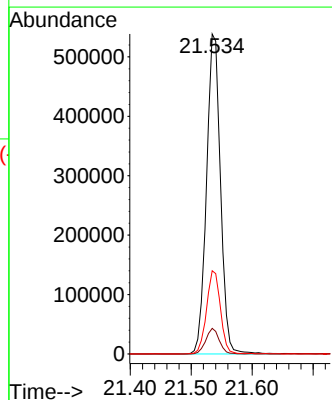
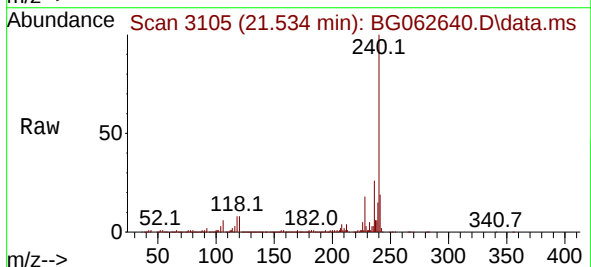
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

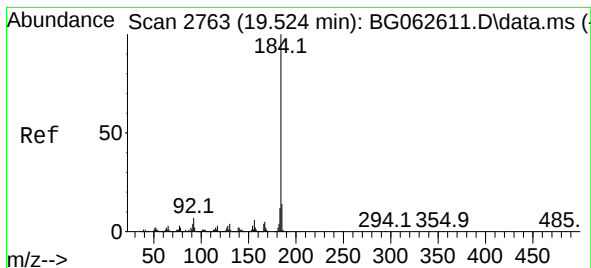
Tgt Ion:202 Resp: 504821  
Ion Ratio Lower Upper  
202 100  
101 8.7 0.0 29.6  
203 17.7 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.534 min Scan# 3105  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:240 Resp: 857461  
Ion Ratio Lower Upper  
240 100  
120 8.0 6.6 9.8  
236 26.0 20.2 30.4





#77

Benzidine

Concen: 8.522 ng

RT: 19.525 min Scan# 2763

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

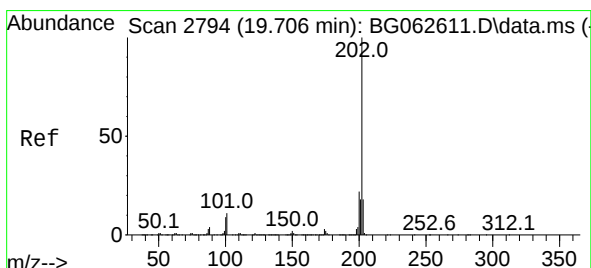
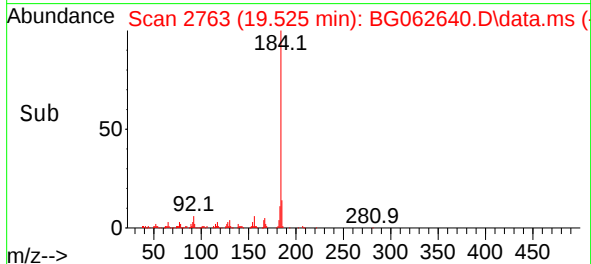
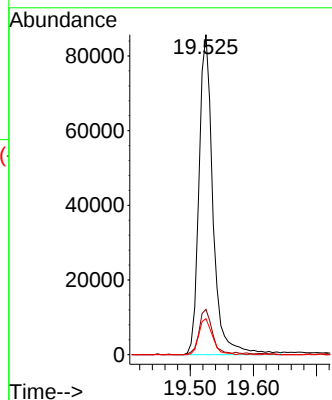
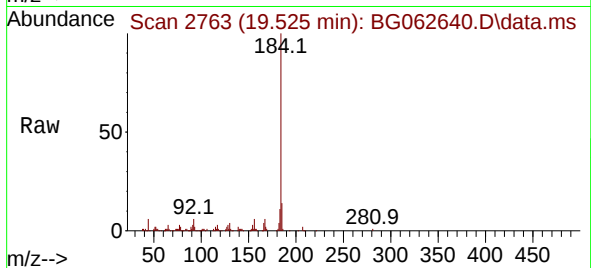
Tgt Ion:184 Resp: 131709

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.6

183 11.2 9.7 14.5



#78

Pyrene

Concen: 9.812 ng

RT: 19.707 min Scan# 2794

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

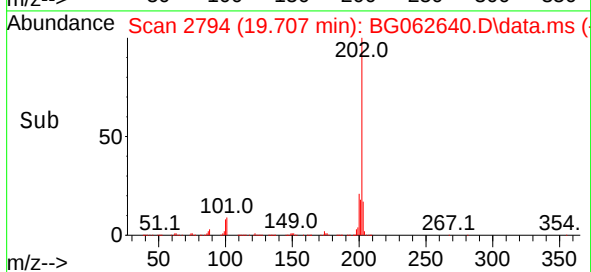
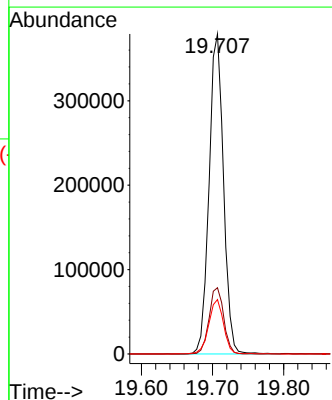
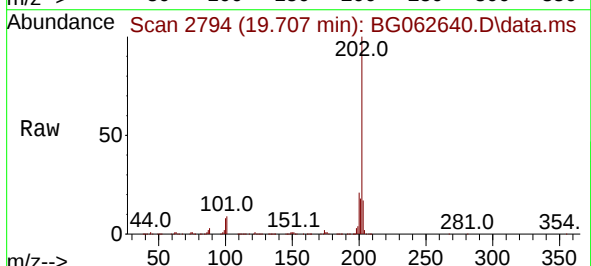
Tgt Ion:202 Resp: 534819

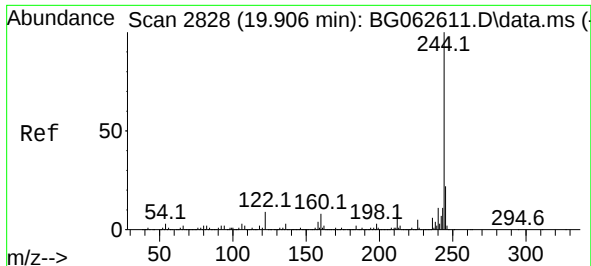
Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

203 17.0 14.1 21.1

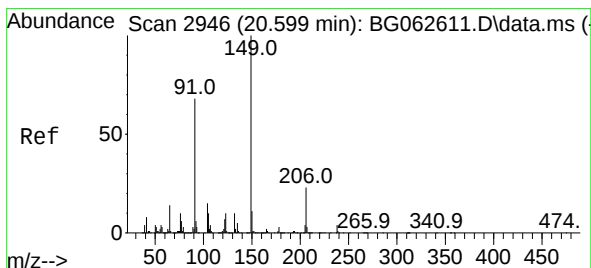
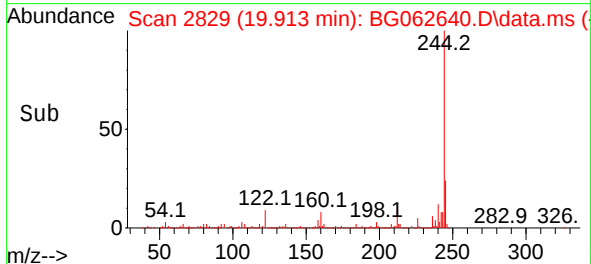
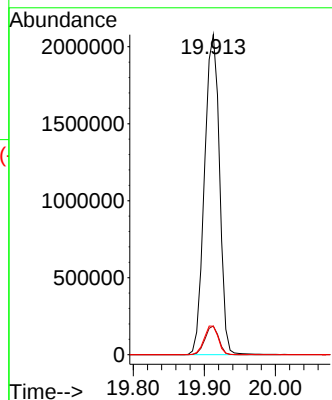
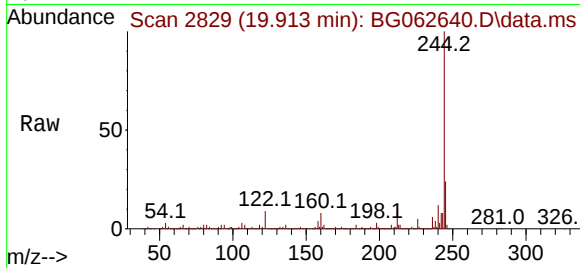




#79  
 Terphenyl-d14  
 Concen: 70.719 ng  
 RT: 19.913 min Scan# 2829  
 Delta R.T. 0.007 min  
 Lab File: BG062640.D  
 Acq: 4 Sep 2024 12:28

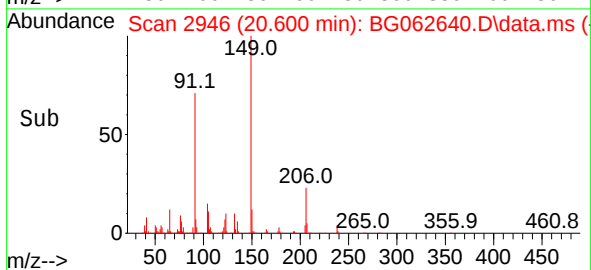
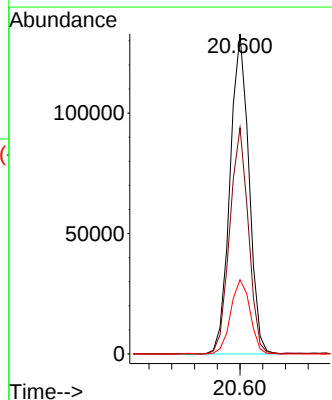
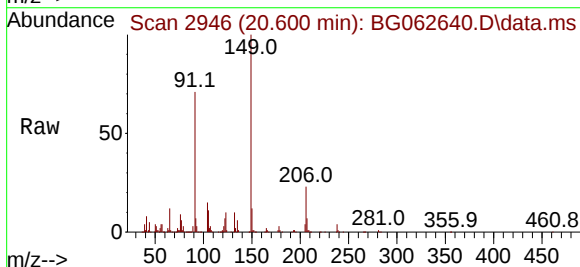
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2024

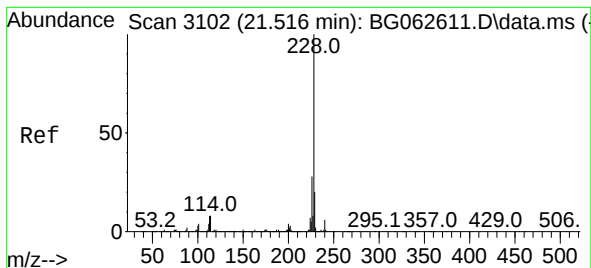
Tgt Ion:244 Resp: 3058173  
 Ion Ratio Lower Upper  
 244 100  
 212 8.9 6.6 10.0  
 122 8.9 7.2 10.8



#80  
 Butylbenzylphthalate  
 Concen: 9.569 ng  
 RT: 20.600 min Scan# 2946  
 Delta R.T. 0.001 min  
 Lab File: BG062640.D  
 Acq: 4 Sep 2024 12:28

Tgt Ion:149 Resp: 153202  
 Ion Ratio Lower Upper  
 149 100  
 91 70.7 54.6 81.8  
 206 23.2 18.4 27.6





#81

Benzo(a)anthracene

Concen: 10.404 ng

RT: 21.517 min Scan# 3102

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

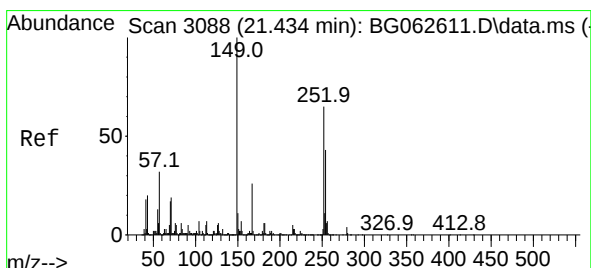
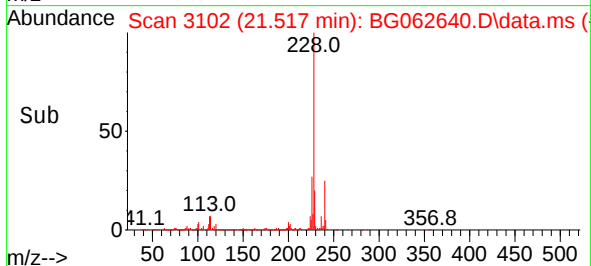
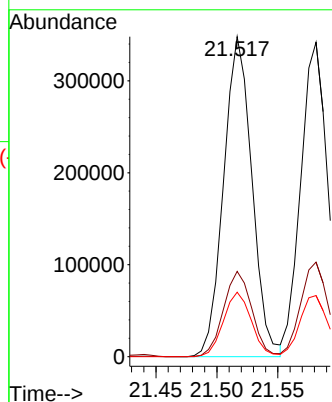
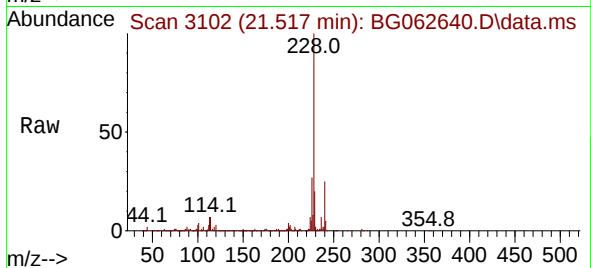
Tgt Ion:228 Resp: 562692

Ion Ratio Lower Upper

228 100

226 26.7 22.3 33.5

229 20.1 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 10.870 ng

RT: 21.434 min Scan# 3088

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

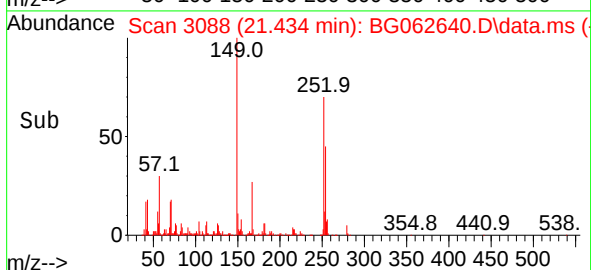
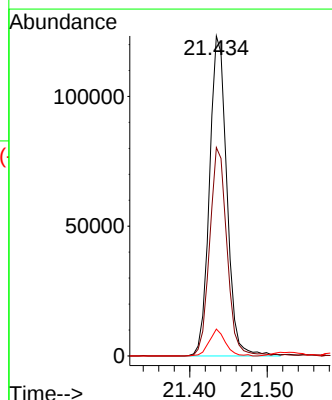
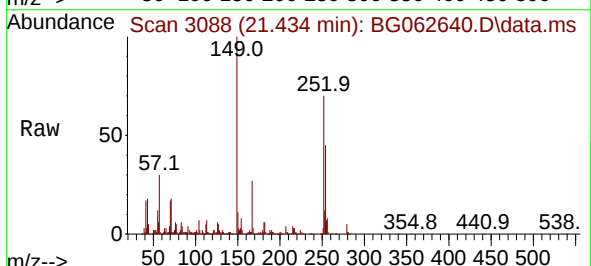
Tgt Ion:252 Resp: 191512

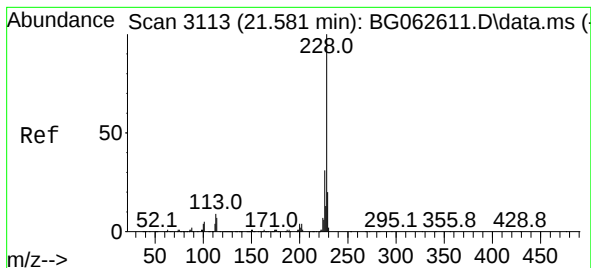
Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

126 8.4 6.7 10.1





#83

Chrysene

Concen: 10.281 ng

RT: 21.581 min Scan# 3113

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

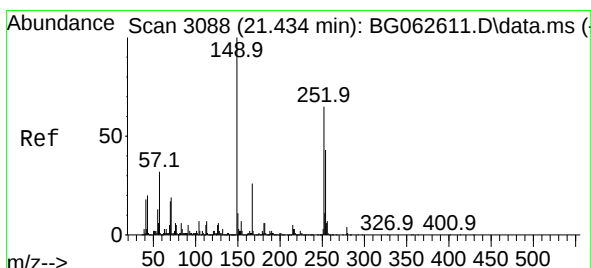
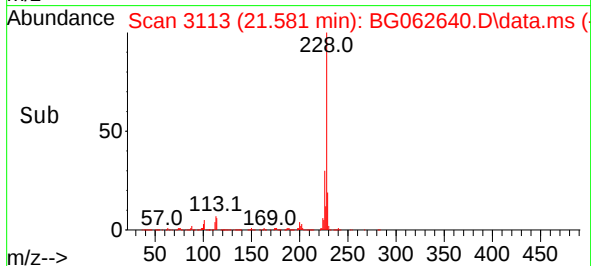
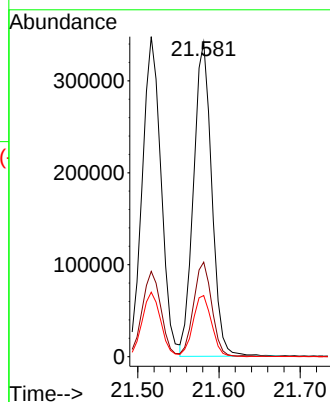
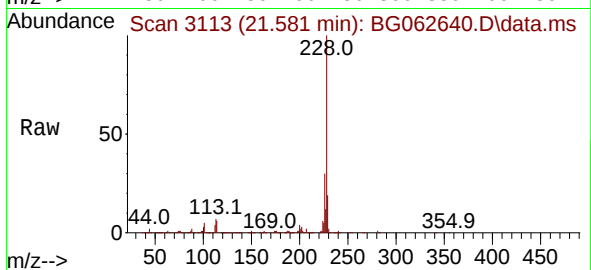
Tgt Ion:228 Resp: 532573

Ion Ratio Lower Upper

228 100

226 30.1 24.9 37.3

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.593 ng

RT: 21.434 min Scan# 3088

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

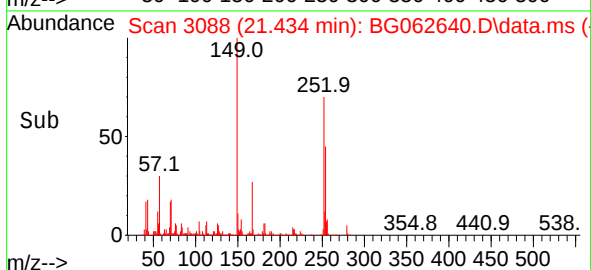
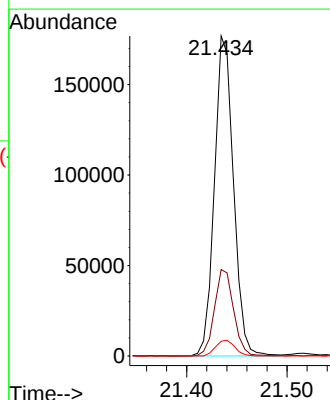
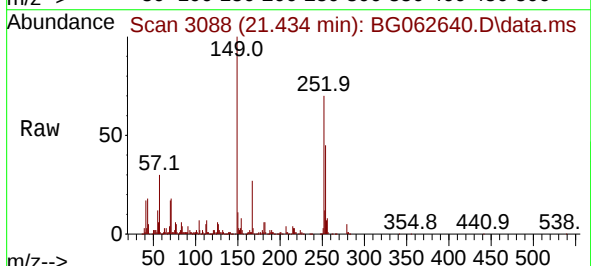
Tgt Ion:149 Resp: 233329

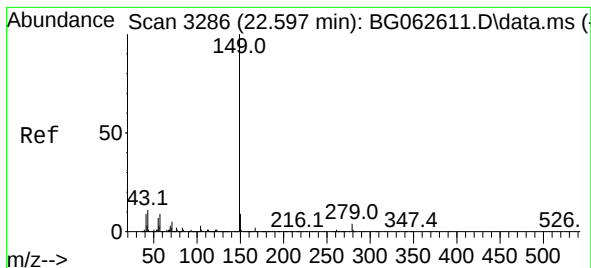
Ion Ratio Lower Upper

149 100

167 27.0 20.5 30.7

279 4.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 9.301 ng

RT: 22.598 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

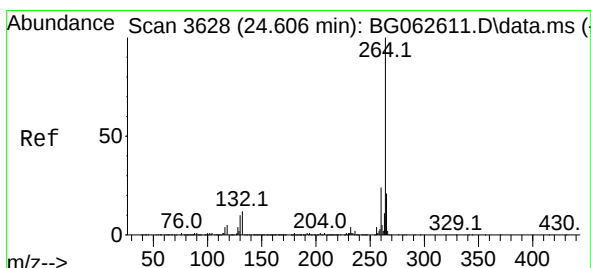
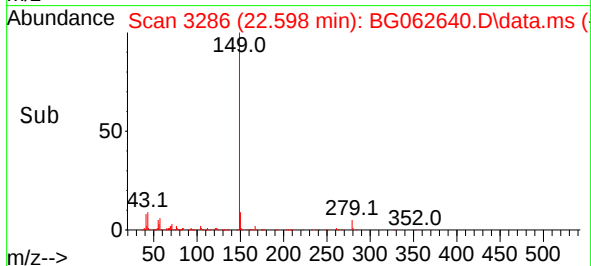
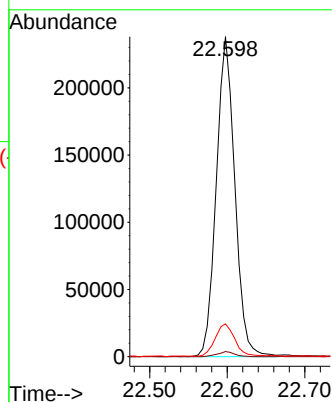
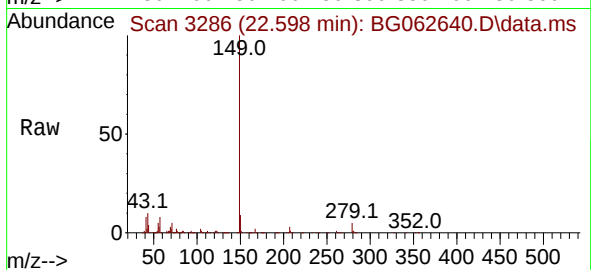
Tgt Ion:149 Resp: 396106

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 10.7 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.607 min Scan# 3628

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

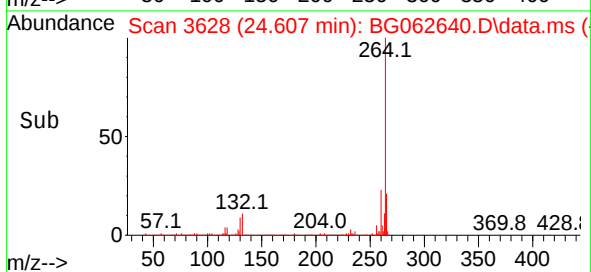
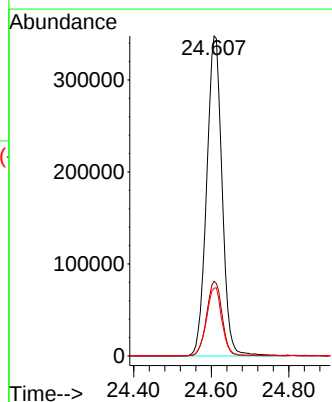
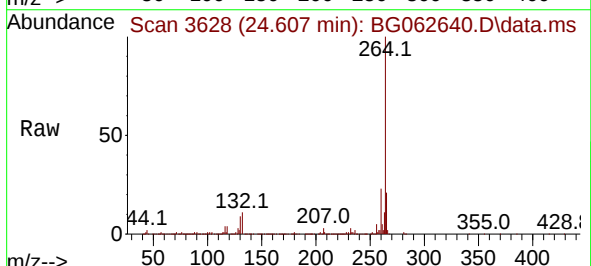
Tgt Ion:264 Resp: 958549

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.361 ng

RT: 28.074 min Scan# 4218

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

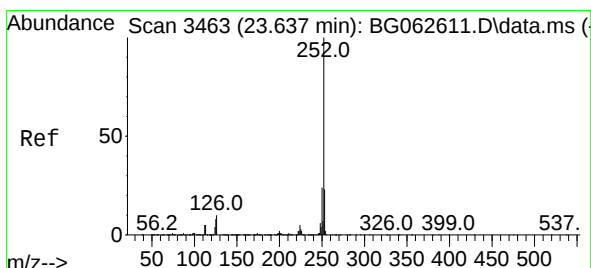
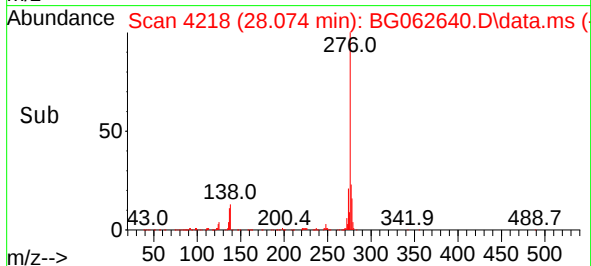
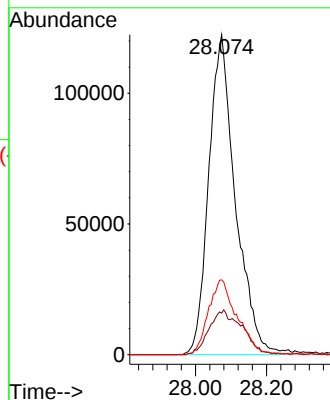
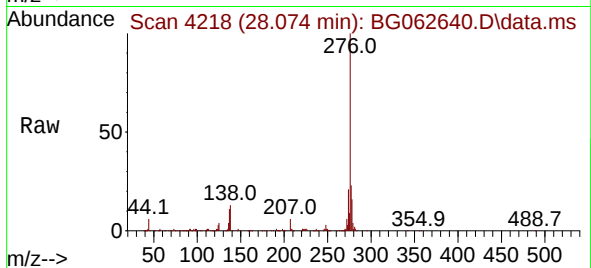
Tgt Ion:276 Resp: 636817

Ion Ratio Lower Upper

276 100

138 17.3 14.9 22.3

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 10.140 ng

RT: 23.632 min Scan# 3462

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

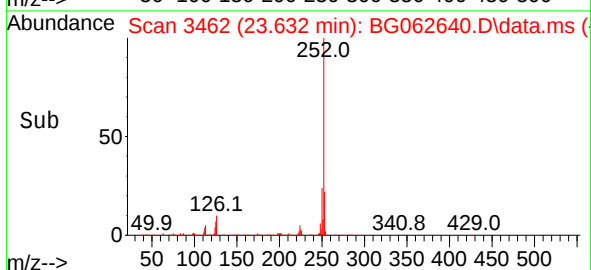
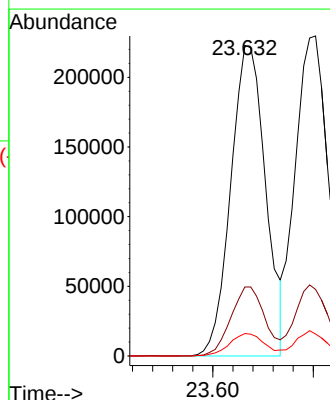
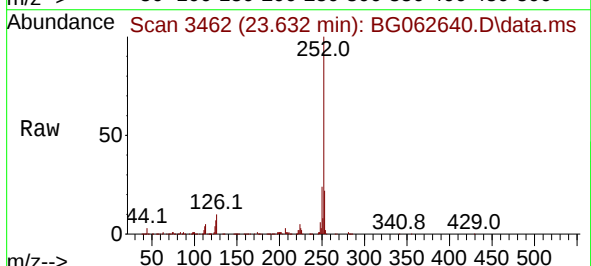
Tgt Ion:252 Resp: 536864

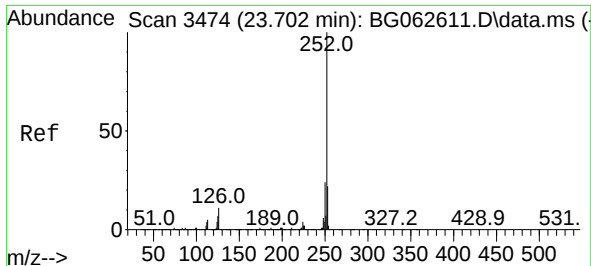
Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 7.2 6.2 9.2

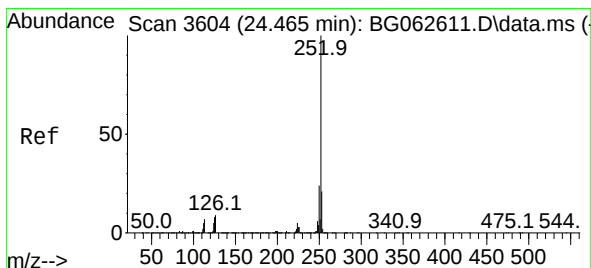
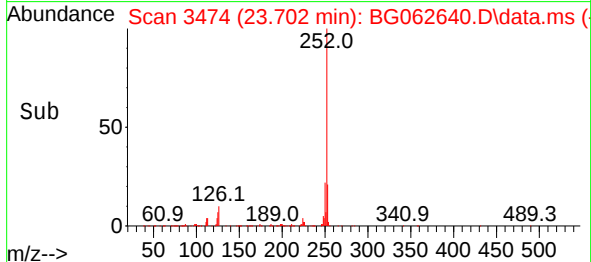
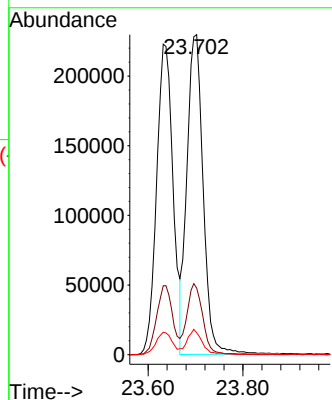
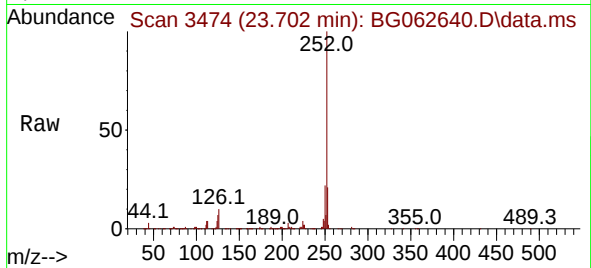




#89  
Benzo(k)fluoranthene  
Concen: 10.536 ng  
RT: 23.702 min Scan# 3474  
Delta R.T. 0.001 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

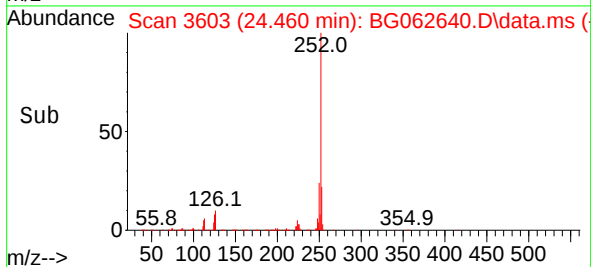
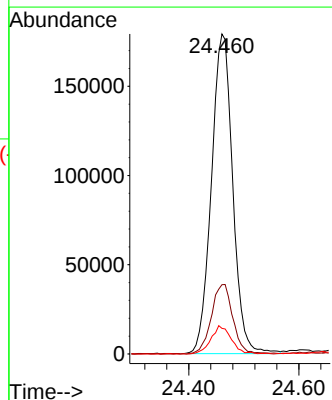
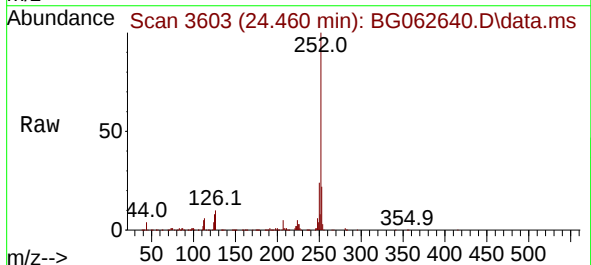
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2024

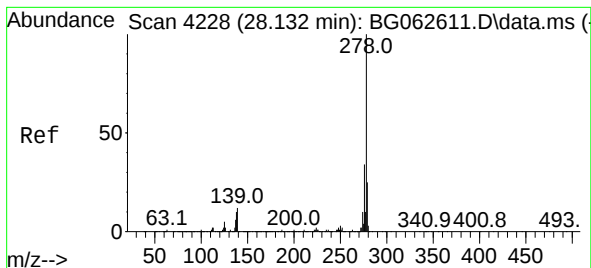
Tgt Ion:252 Resp: 545666  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.8 26.8  
125 6.8 6.1 9.1



#90  
Benzo(a)pyrene  
Concen: 10.303 ng  
RT: 24.460 min Scan# 3603  
Delta R.T. -0.005 min  
Lab File: BG062640.D  
Acq: 4 Sep 2024 12:28

Tgt Ion:252 Resp: 481893  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.1 25.7  
125 8.0 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 10.428 ng

RT: 28.132 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2024

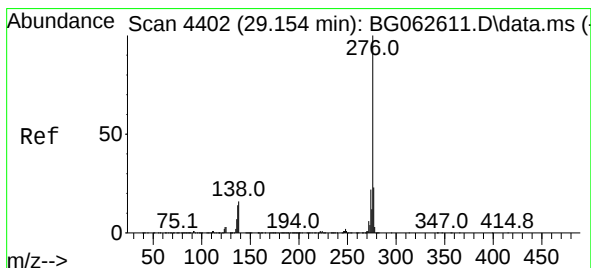
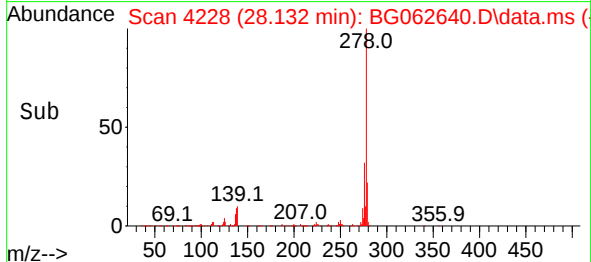
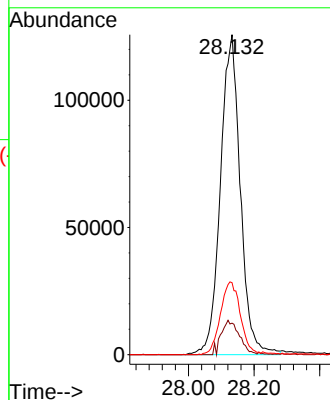
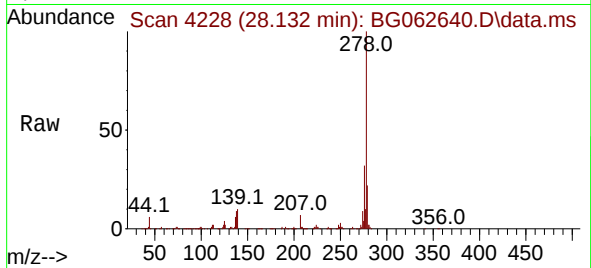
Tgt Ion:278 Resp: 528023

Ion Ratio Lower Upper

278 100

139 9.9 9.2 13.8

279 22.5 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 9.711 ng

RT: 29.149 min Scan# 4401

Delta R.T. -0.005 min

Lab File: BG062640.D

Acq: 4 Sep 2024 12:28

Tgt Ion:276 Resp: 495812

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 14.1 12.7 19.1

