

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110424\  
 Data File : BG063160.D  
 Acq On : 4 Nov 2024 18:11  
 Operator : RC/JU  
 Sample : P4368-07  
 Misc : LOD-MDL-WATER-4 PPM  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Nov 05 01:45:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG103124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 01 05:13:40 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024  
 Supervised By :mohammad ahmed 11/06/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.843  | 152  | 92632    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.634 | 136  | 377891   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.477 | 164  | 273829   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.227 | 188  | 698517   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.474 | 240  | 839683   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.506 | 264  | 944430   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 764589   | 127.990 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.021  | 99   | 1046634  | 133.699 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.995  | 82   | 784797   | 90.325  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.969 | 330  | 622521   | 133.836 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.096 | 172  | 1765577  | 95.498  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.853 | 244  | 3443936  | 84.402  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.355  | 88   | 12806    | 5.456   | ng    | # 81     |
| 3) Pyridine                   | 3.754  | 79   | 25277    | 4.461   | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.666  | 42   | 17691    | 5.026   | ng    | # 71     |
| 6) Aniline                    | 7.179  | 93   | 41190    | 5.851   | ng    | 91       |
| 8) 2-Chlorophenol             | 7.414  | 128  | 26828    | 4.836   | ng    | 91       |
| 9) Benzaldehyde               | 6.986  | 77   | 29335    | 6.031   | ng    | # 69     |
| 10) Phenol                    | 7.044  | 94   | 36138    | 4.309   | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.268  | 93   | 24232    | 4.284   | ng    | # 84     |
| 12) 1,3-Dichlorobenzene       | 7.732  | 146  | 27872    | 4.141   | ng    | 87       |
| 13) 1,4-Dichlorobenzene       | 7.879  | 146  | 31077m   | 4.529   | ng    |          |
| 14) 1,2-Dichlorobenzene       | 8.196  | 146  | 29615    | 4.478   | ng    | 96       |
| 15) Benzyl Alcohol            | 8.078  | 79   | 30560    | 4.858   | ng    | # 84     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.360  | 45   | 53334    | 5.199   | ng    | 93       |
| 17) 2-Methylphenol            | 8.284  | 107  | 23092    | 4.329   | ng    | 93       |
| 18) Hexachloroethane          | 8.924  | 117  | 10549    | 4.296   | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 8.637  | 70   | 26368    | 4.837   | ng    | # 89     |
| 20) 3+4-Methylphenols         | 8.613  | 107  | 30934    | 4.348   | ng    | 88       |
| 22) Acetophenone              | 8.660  | 105  | 46294    | 4.572   | ng    | # 90     |
| 24) Nitrobenzene              | 9.042  | 77   | 42124    | 4.484   | ng    | # 90     |
| 25) Isophorone                | 9.553  | 82   | 65776    | 4.377   | ng    | # 96     |
| 26) 2-Nitrophenol             | 9.753  | 139  | 13561    | 3.925   | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 9.812  | 122  | 18346    | 4.319   | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.041 | 93   | 35729    | 4.534   | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.288 | 162  | 24844    | 3.872   | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.499 | 180  | 33009    | 4.183   | ng    | 98       |
| 31) Naphthalene               | 10.681 | 128  | 88552    | 4.442   | ng    | 99       |
| 33) 4-Chloroaniline           | 10.799 | 127  | 30204    | 4.490   | ng    | # 90     |
| 34) Hexachlorobutadiene       | 10.969 | 225  | 28014    | 4.313   | ng    | 93       |
| 35) Caprolactam               | 11.533 | 113  | 7436     | 3.629   | ng    | # 90     |
| 36) 4-Chloro-3-methylphenol   | 11.921 | 107  | 28356    | 3.836   | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.297 | 142  | 62144    | 4.395   | ng    | 88       |
| 38) 1-Methylnaphthalene       | 12.514 | 142  | 58629m   | 4.212   | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.667 | 216  | 45558    | 4.630   | ng    | # 98     |
| 41) Hexachlorocyclopentadiene | 12.644 | 237  | 9374     | 2.932   | ng    | 85       |
| 43) 2,4,6-Trichlorophenol     | 12.908 | 196  | 23339m   | 3.962   | ng    |          |
| 44) 2,4,5-Trichlorophenol     | 12.984 | 196  | 22027    | 3.401   | ng    | # 95     |

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 Sample : P4368-07  
 Misc : LOD-MDL-WATER-4 PPM  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Nov 05 01:45:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG103124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 01 05:13:40 2024  
 Response via : Initial Calibration

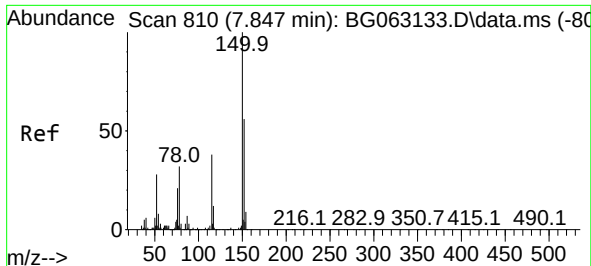
Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024  
 Supervised By :mohammad ahmed 11/06/2024

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.308 | 154  | 87881    | 4.728 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.349 | 162  | 67133    | 4.313 | ng    | # 90     |
| 48) 2-Nitroaniline            | 13.548 | 65   | 22731    | 4.161 | ng    | 95       |
| 49) Acenaphthylene            | 14.195 | 152  | 107185   | 4.878 | ng    | # 92     |
| 50) Dimethylphthalate         | 13.930 | 163  | 86439    | 4.429 | ng    | # 96     |
| 51) 2,6-Dinitrotoluene        | 14.048 | 165  | 18677    | 4.482 | ng    | # 78     |
| 52) Acenaphthene              | 14.536 | 154  | 63407    | 4.661 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.383 | 138  | 16125    | 4.076 | ng    | # 97     |
| 55) Dibenzofuran              | 14.876 | 168  | 114144   | 4.759 | ng    | 95       |
| 56) 4-Nitrophenol             | 14.706 | 139  | 9904m    | 3.307 | ng    |          |
| 57) 2,4-Dinitrotoluene        | 14.847 | 165  | 24492    | 4.110 | ng    | # 88     |
| 58) Fluorene                  | 15.523 | 166  | 85472    | 4.496 | ng    | 91       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.105 | 232  | 22493    | 3.619 | ng    | # 92     |
| 60) Diethylphthalate          | 15.293 | 149  | 87799    | 4.381 | ng    | # 96     |
| 61) 4-Chlorophenyl-phenyle... | 15.523 | 204  | 53622    | 4.539 | ng    | # 84     |
| 62) 4-Nitroaniline            | 15.546 | 138  | 18341    | 4.202 | ng    | # 84     |
| 63) Azobenzene                | 15.816 | 77   | 94823    | 4.575 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.617 | 198  | 12127    | 2.700 | ng    | 77       |
| 66) n-Nitrosodiphenylamine    | 15.734 | 169  | 74225    | 4.259 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.416 | 248  | 38564    | 4.505 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.533 | 284  | 42700    | 4.306 | ng    | 94       |
| 69) Atrazine                  | 16.680 | 200  | 31981    | 3.992 | ng    | 91       |
| 71) Phenanthrene              | 17.268 | 178  | 156670   | 4.627 | ng    | 95       |
| 72) Anthracene                | 17.356 | 178  | 155979   | 4.693 | ng    | 96       |
| 73) Carbazole                 | 17.632 | 167  | 136220   | 4.354 | ng    | # 96     |
| 74) Di-n-butylphthalate       | 18.190 | 149  | 149174   | 4.199 | ng    | 98       |
| 75) Fluoranthene              | 19.289 | 202  | 207951   | 4.338 | ng    | 98       |
| 77) Benzidine                 | 19.471 | 184  | 104387   | 8.069 | ng    | # 96     |
| 78) Pyrene                    | 19.647 | 202  | 220577   | 4.431 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.546 | 149  | 66552    | 4.150 | ng    | 87       |
| 81) Benzo(a)anthracene        | 21.457 | 228  | 240205   | 4.543 | ng    | 94       |
| 82) 3,3'-Dichlorobenzidine    | 21.380 | 252  | 87355    | 4.456 | ng    | # 94     |
| 83) Chrysene                  | 21.521 | 228  | 232846   | 4.688 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.375 | 149  | 95903    | 4.122 | ng    | 95       |
| 85) Di-n-octyl phthalate      | 22.514 | 149  | 156238   | 4.014 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.920 | 276  | 269157   | 4.246 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 23.549 | 252  | 220012   | 3.996 | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 23.607 | 252  | 236424   | 4.501 | ng    | 95       |
| 90) Benzo(a)pyrene            | 24.365 | 252  | 219222   | 4.561 | ng    | # 92     |
| 91) Dibenzo(a,h)anthracene    | 27.967 | 278  | 224588   | 4.245 | ng    | # 99     |
| 92) Benzo(g,h,i)perylene      | 28.983 | 276  | 205699   | 3.933 | ng    | # 91     |

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





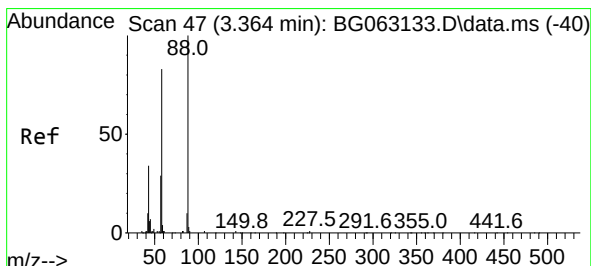
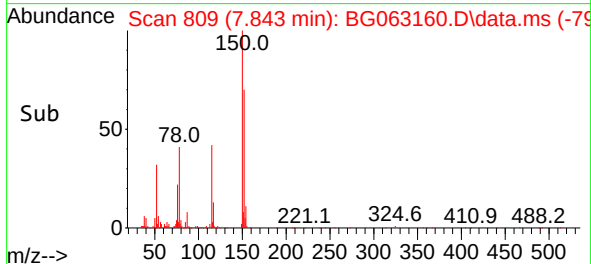
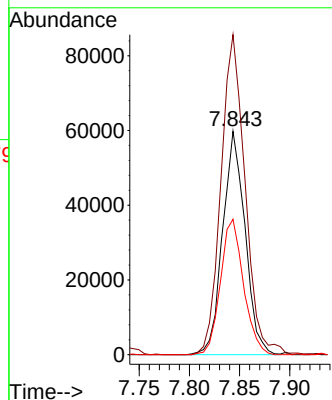
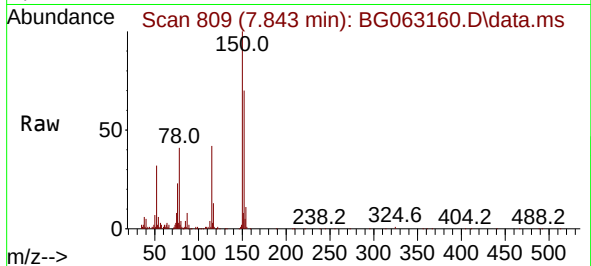
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.843 min Scan# 80  
Delta R.T. -0.004 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:152 Resp: 9263  
Ion Ratio Lower Upper  
152 100  
150 143.3 143.1 214.7  
115 60.6 55.0 82.4

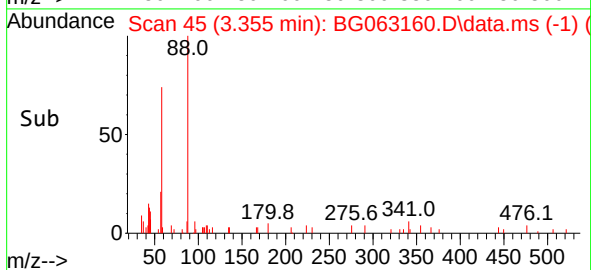
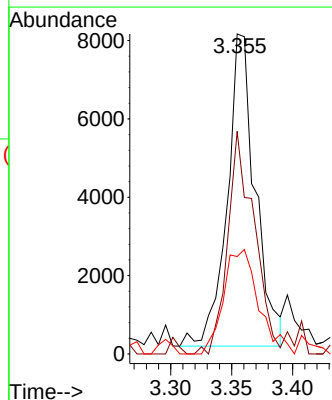
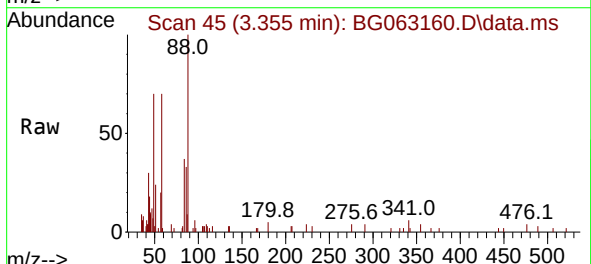
Manual Integrations  
APPROVED

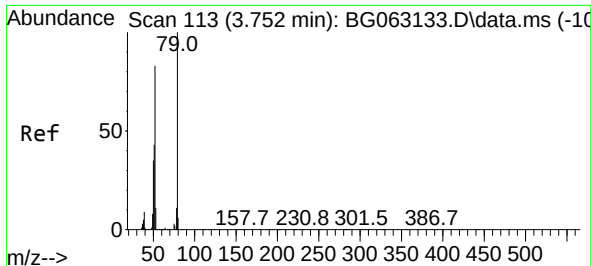
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#2  
1,4-Dioxane  
Concen: 5.456 ng  
RT: 3.355 min Scan# 45  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion: 88 Resp: 12806  
Ion Ratio Lower Upper  
88 100  
58 67.0 73.8 110.6#  
43 41.8 32.0 48.0





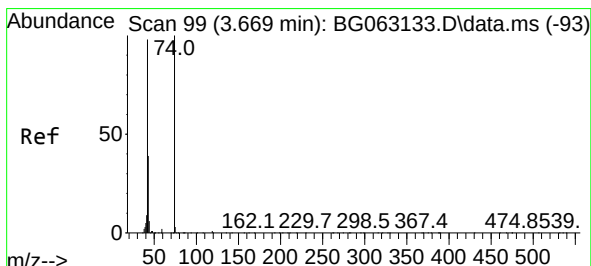
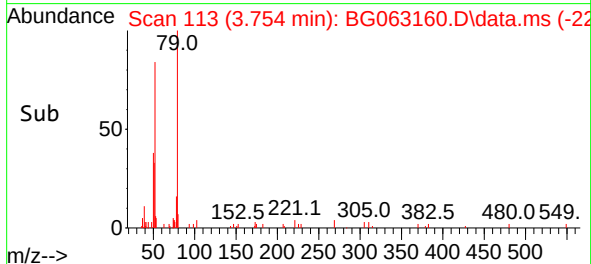
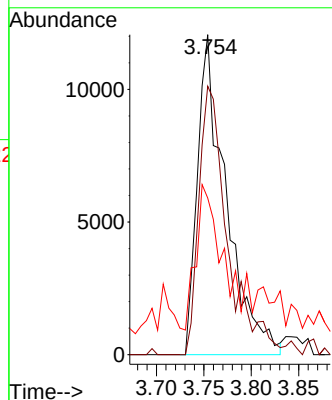
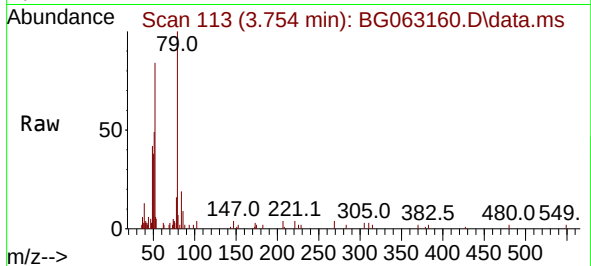
#3  
Pyridine  
Concen: 4.461 ng  
RT: 3.754 min Scan# 113  
Delta R.T. 0.002 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 79 Resp: 2527  
Ion Ratio Lower Upper  
79 100  
52 83.9 66.1 99.1  
51 49.0 36.6 54.8

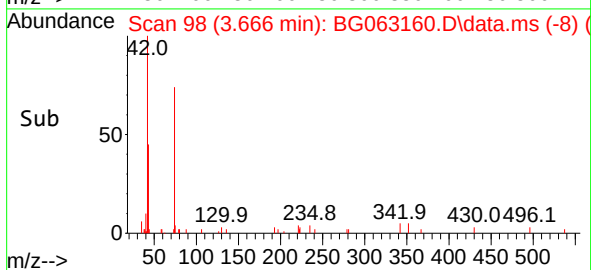
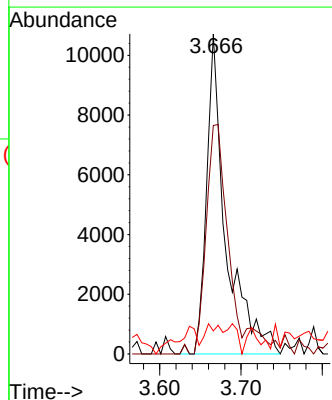
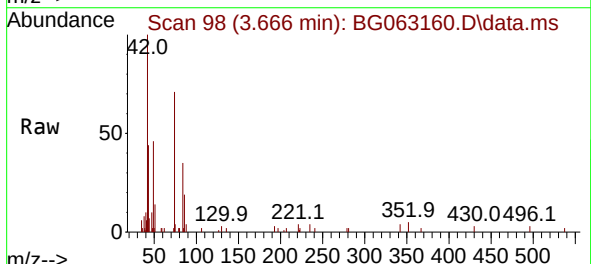
Manual Integrations  
APPROVED

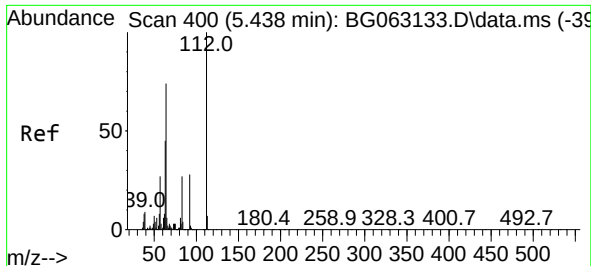
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#4  
n-Nitrosodimethylamine  
Concen: 5.026 ng  
RT: 3.666 min Scan# 98  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

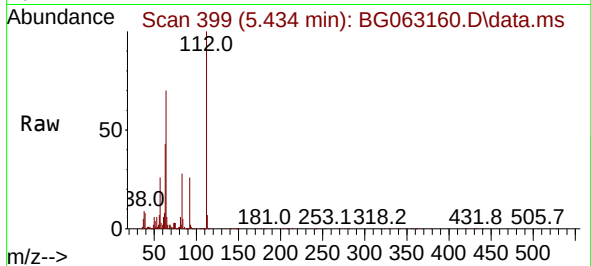
Tgt Ion: 42 Resp: 17691  
Ion Ratio Lower Upper  
42 100  
74 71.4 81.9 122.9  
44 7.2 5.8 8.8





#5  
2-Fluorophenol  
Concen: 127.990 ng  
RT: 5.434 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

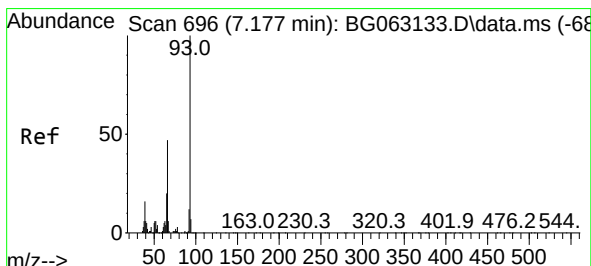
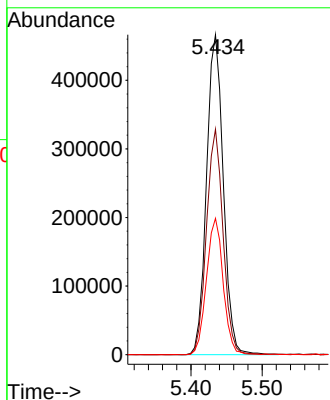
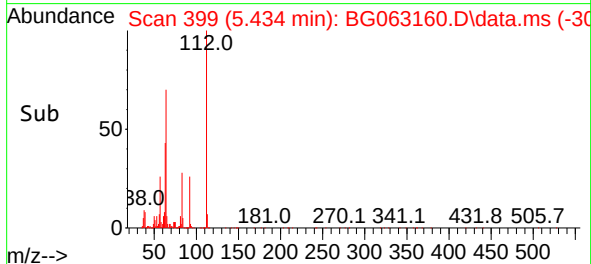
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:112 Resp: 764589  
Ion Ratio Lower Upper  
112 100  
64 70.5 59.4 89.0  
63 42.6 35.8 53.6

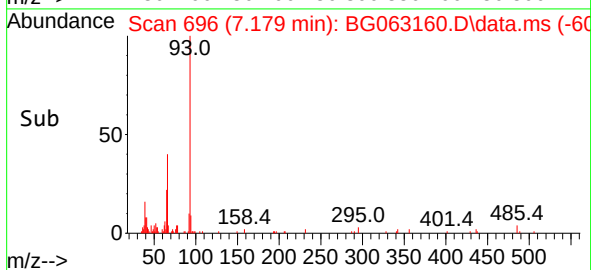
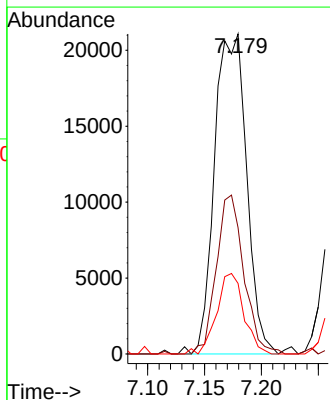
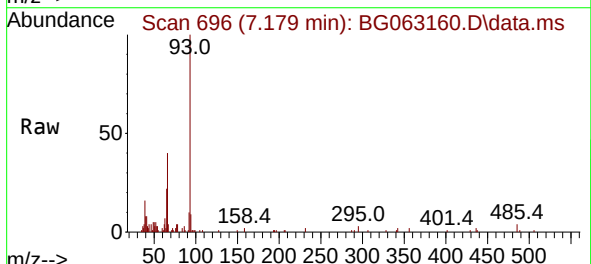
Manual Integrations  
APPROVED

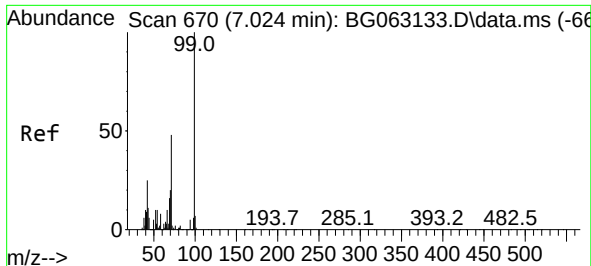
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#6  
Aniline  
Concen: 5.851 ng  
RT: 7.179 min Scan# 696  
Delta R.T. 0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion: 93 Resp: 41190  
Ion Ratio Lower Upper  
93 100  
66 39.5 37.8 56.8  
65 22.0 16.1 24.1





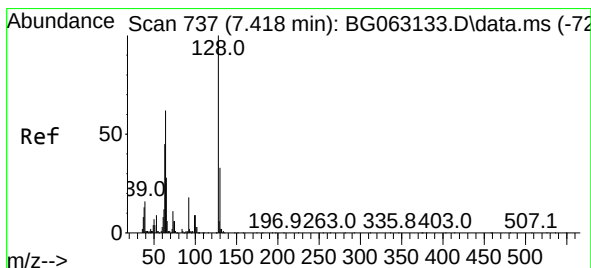
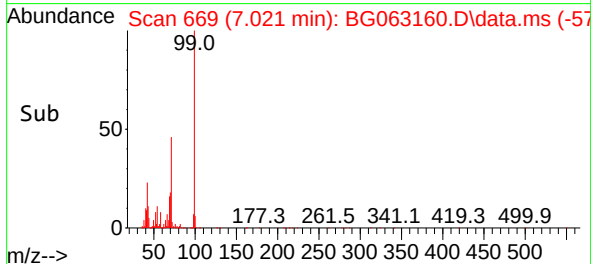
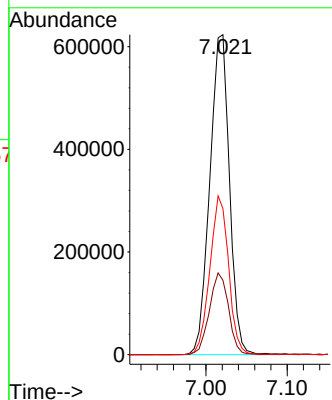
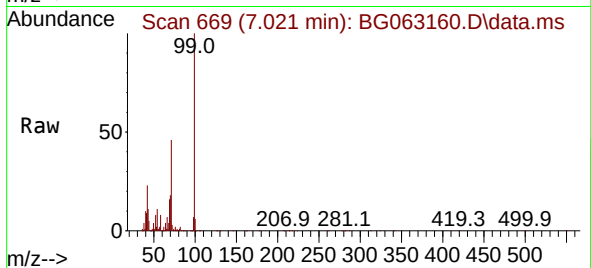
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Phenol-d6  
Concen: 133.699 ng  
RT: 7.021 min Scan# 60  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 99 Resp: 1046634  
Ion Ratio Lower Upper  
99 100  
42 23.3 20.0 30.0  
71 45.6 38.2 57.4

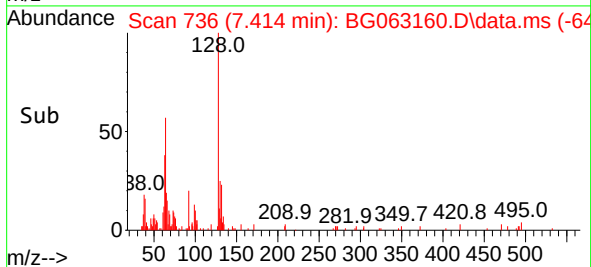
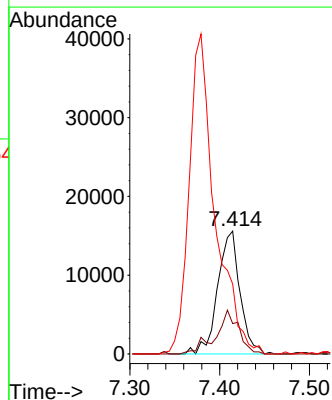
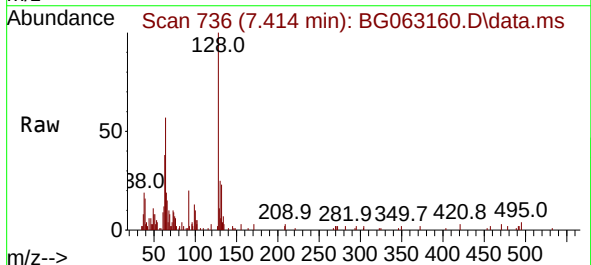
Manual Integrations  
APPROVED

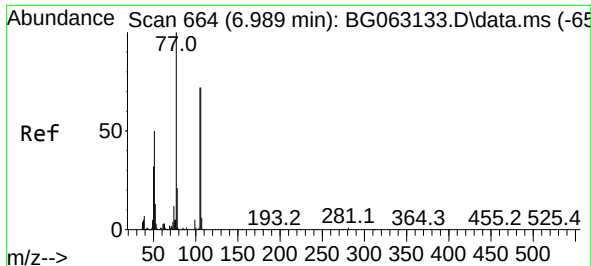
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#8  
2-Chlorophenol  
Concen: 4.836 ng  
RT: 7.414 min Scan# 736  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

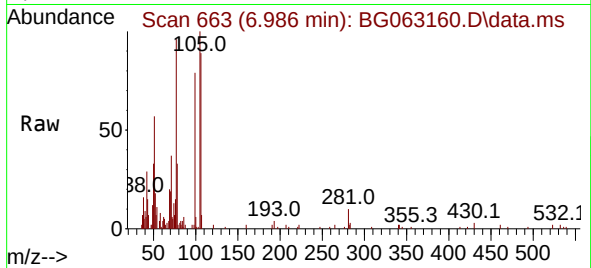
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Ion Ratio Lower Upper  
128 100  
130 24.7 13.3 53.3  
64 56.9 41.8 81.8





#9  
Benzaldehyde  
Concen: 6.031 ng  
RT: 6.986 min Scan# 60  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

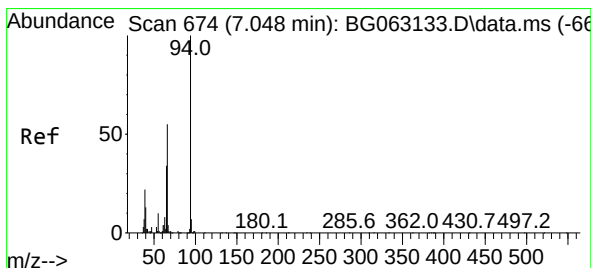
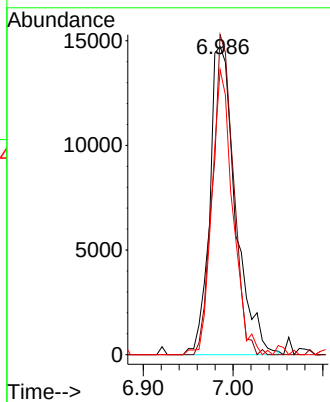
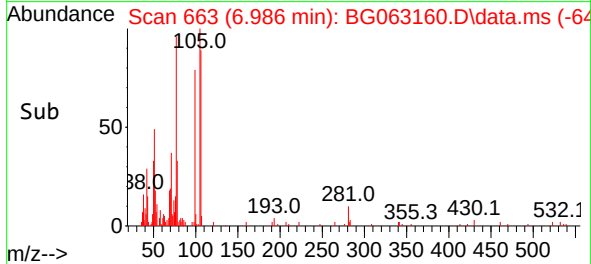
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 77 Resp: 2933  
Ion Ratio Lower Upper  
77 100  
105 103.8 52.2 92.2  
106 92.5 52.2 92.2

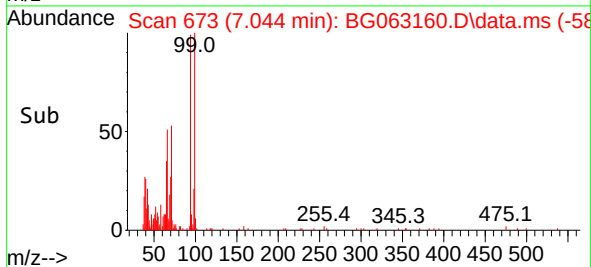
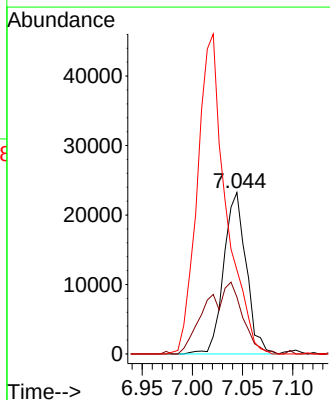
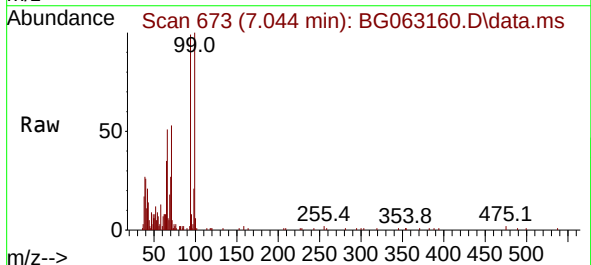
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024

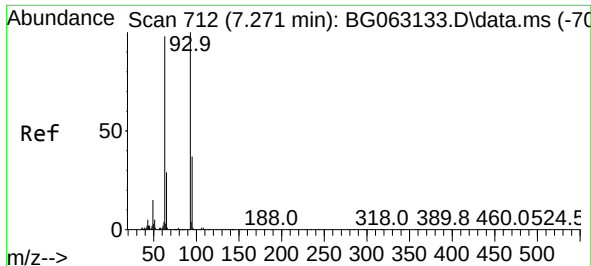


#10  
Phenol  
Concen: 4.309 ng  
RT: 7.044 min Scan# 673  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion: 94 Resp: 36138  
Ion Ratio Lower Upper  
94 100  
65 35.2 14.2 54.2  
66 52.0 36.2 76.2

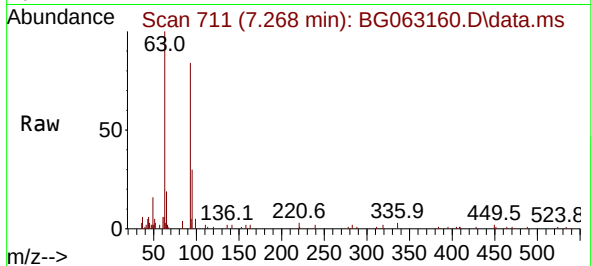






#11  
bis(2-Chloroethyl)ether  
Concen: 4.284 ng  
RT: 7.268 min Scan# 712  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

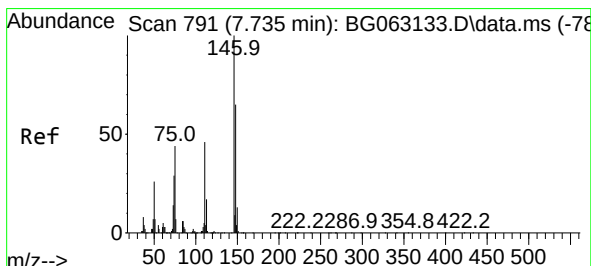
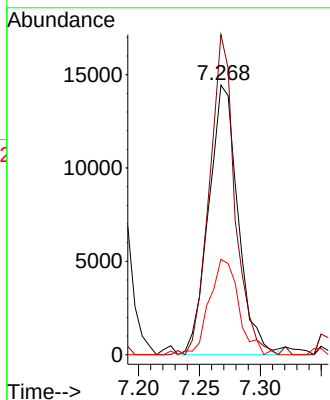
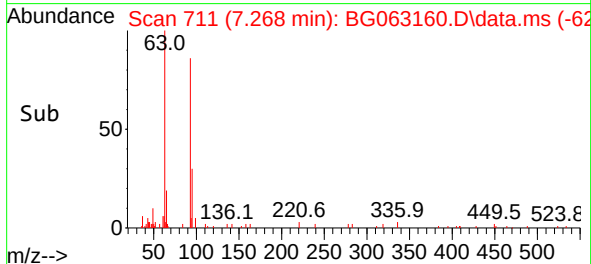
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 93 Resp: 2423  
Ion Ratio Lower Upper  
93 100  
63 118.7 77.5 117.5  
95 35.4 16.5 56.5

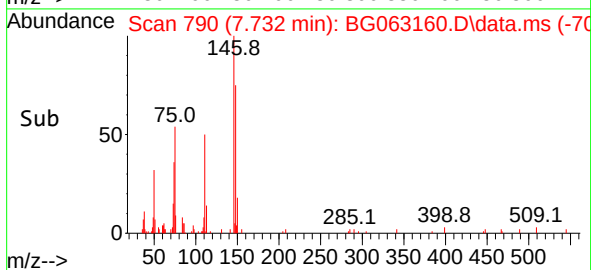
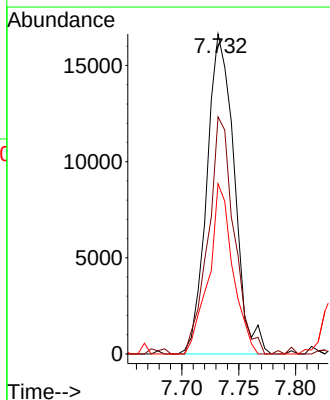
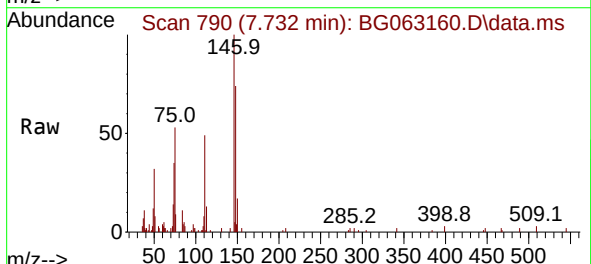
Manual Integrations  
APPROVED

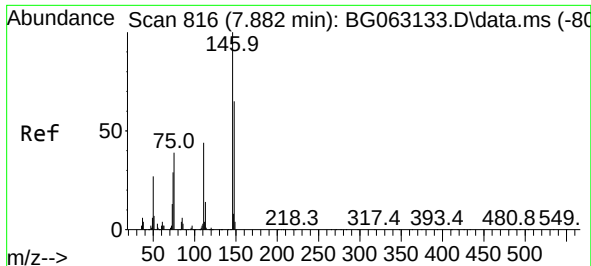
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#12  
1,3-Dichlorobenzene  
Concen: 4.141 ng  
RT: 7.732 min Scan# 790  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:146 Resp: 27872  
Ion Ratio Lower Upper  
146 100  
148 74.1 51.7 77.5  
75 53.2 35.7 53.5





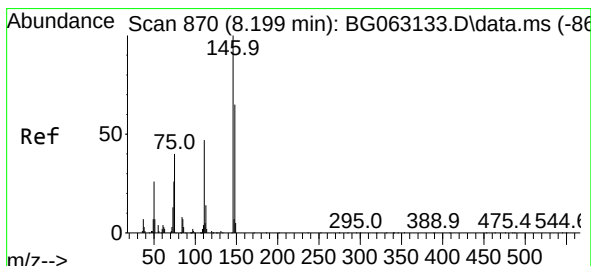
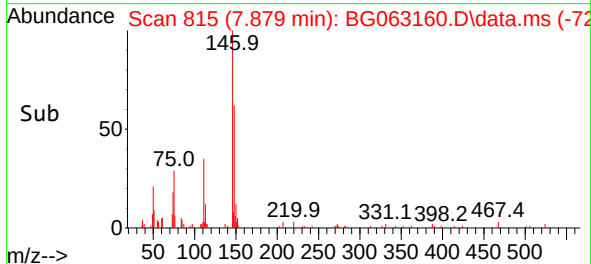
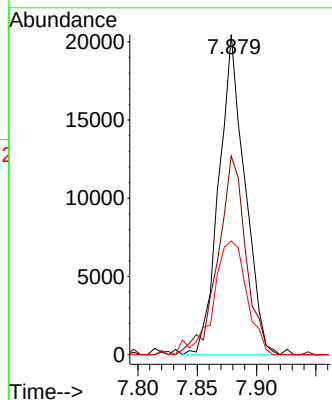
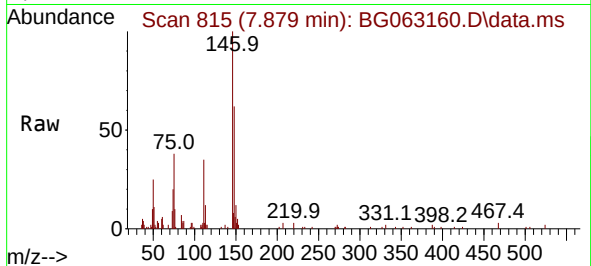
#13  
1,4-Dichlorobenzene  
Concen: 4.529 ng m  
RT: 7.879 min Scan# 816  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:146 Resp: 3107  
Ion Ratio Lower Upper  
146 100  
148 62.1 52.3 78.5  
111 35.5 35.8 53.6

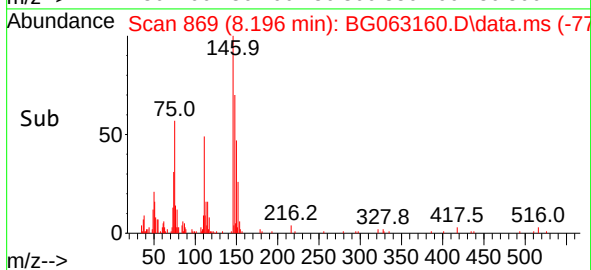
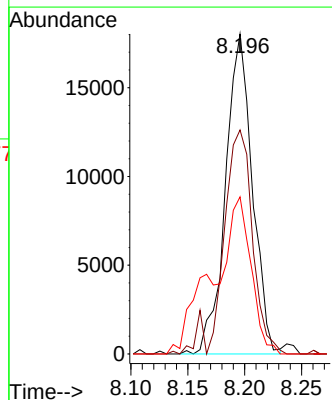
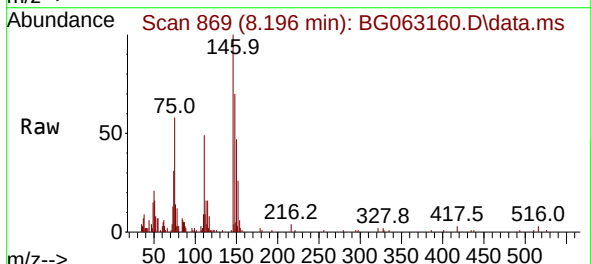
Manual Integrations  
APPROVED

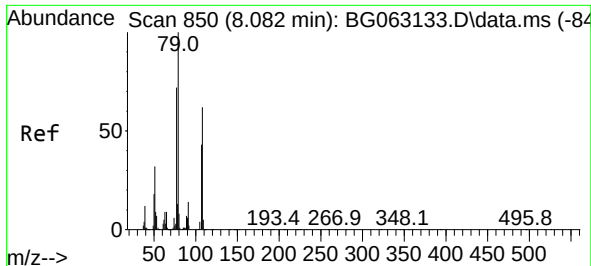
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#14  
1,2-Dichlorobenzene  
Concen: 4.478 ng  
RT: 8.196 min Scan# 869  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

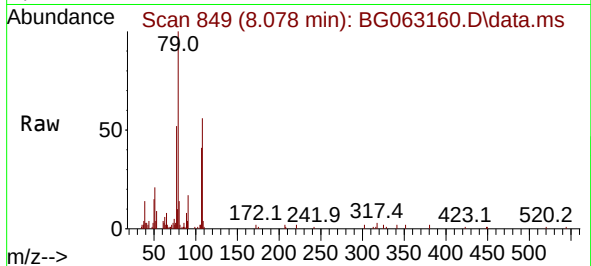
Tgt Ion:146 Resp: 29615  
Ion Ratio Lower Upper  
146 100  
148 70.0 52.3 78.5  
111 49.1 38.5 57.7





#15  
Benzyl Alcohol  
Concen: 4.858 ng  
RT: 8.078 min Scan# 849  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

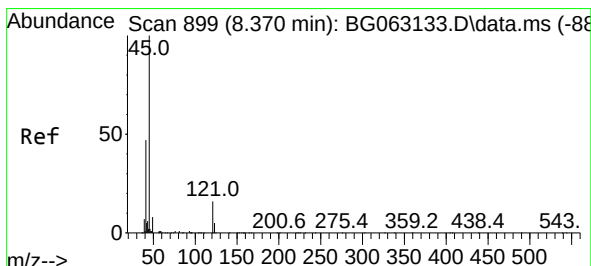
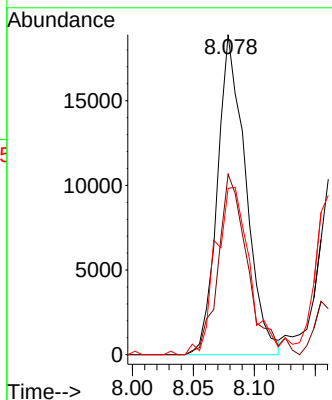
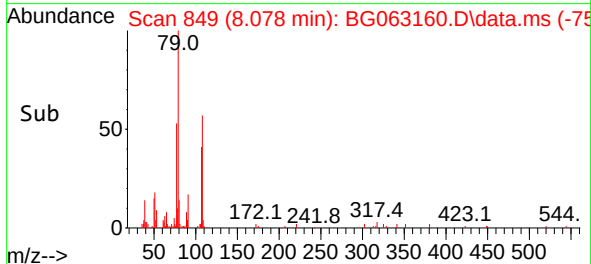
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 79 Resp: 30560  
Ion Ratio Lower Upper  
79 100  
108 56.4 49.5 74.3  
77 52.0 57.6 86.4

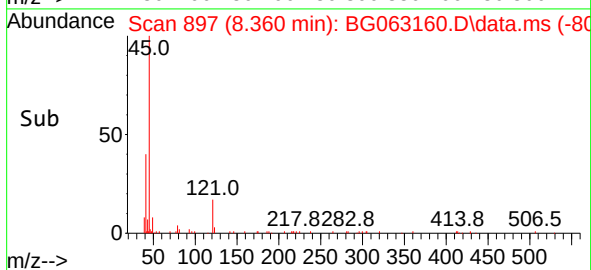
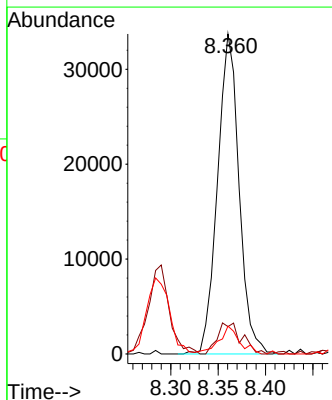
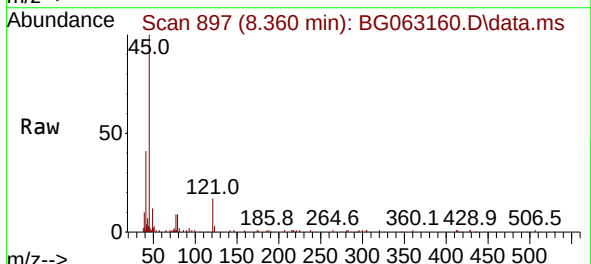
Manual Integrations  
APPROVED

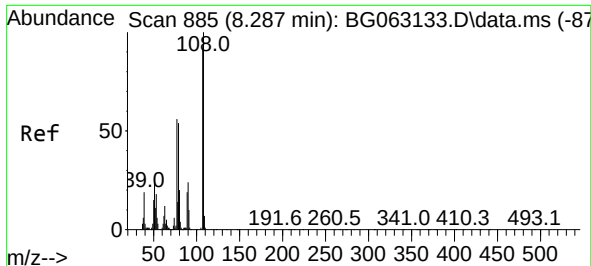
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 5.199 ng  
RT: 8.360 min Scan# 897  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

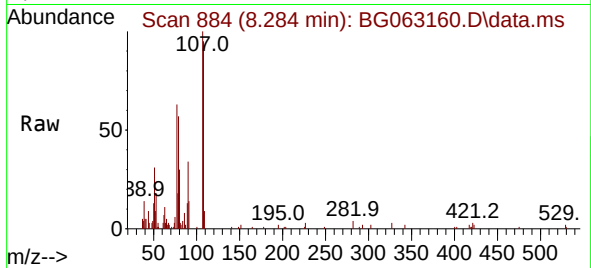
Tgt Ion: 45 Resp: 53334  
Ion Ratio Lower Upper  
45 100  
77 8.6 0.0 32.4  
79 8.7 0.0 29.7





#17  
2-Methylphenol  
Concen: 4.329 ng  
RT: 8.284 min Scan# 885  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

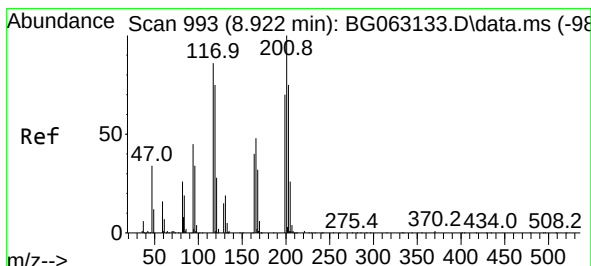
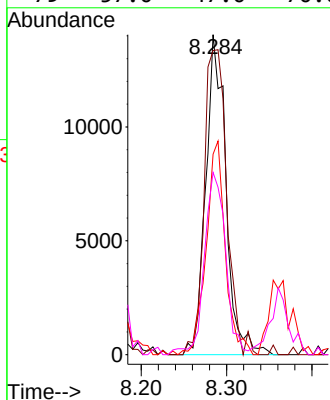
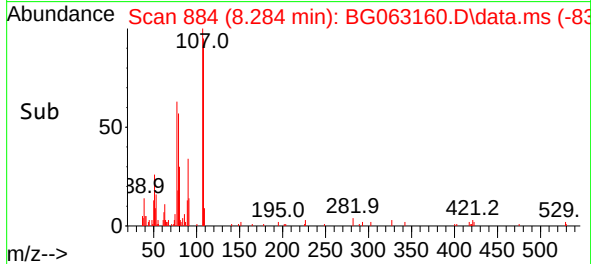
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 2309  |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 95.1  | 87.1  | 130.7 |
| 77        | 62.6  | 48.9  | 73.3  |
| 79        | 57.0  | 47.0  | 70.6  |

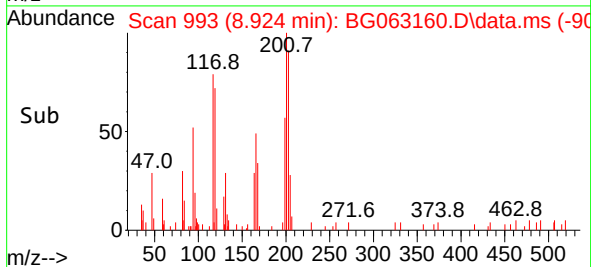
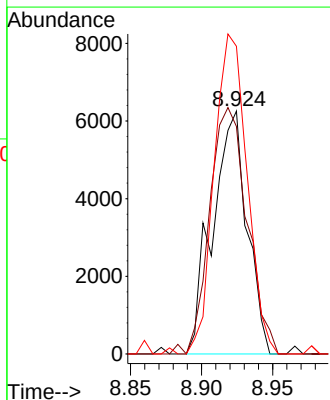
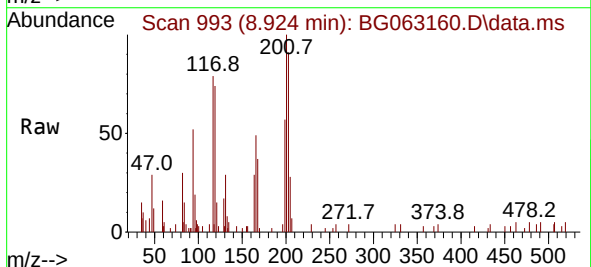
Manual Integrations  
APPROVED

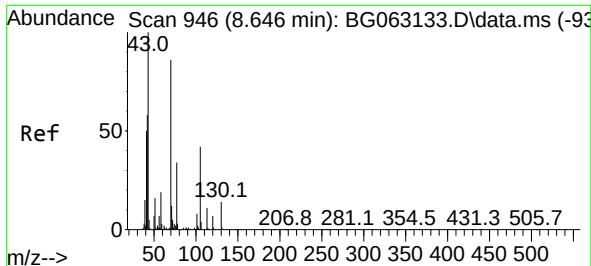
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#18  
Hexachloroethane  
Concen: 4.296 ng  
RT: 8.924 min Scan# 993  
Delta R.T. 0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

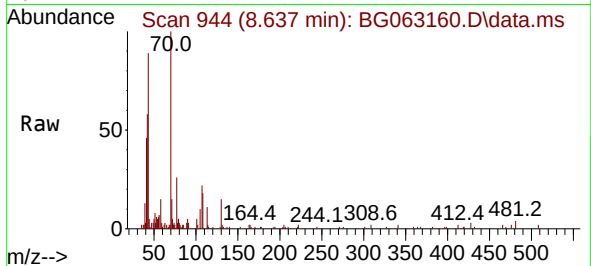
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 10549 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 93.7  | 69.7  | 104.5 |
| 201       | 126.7 | 92.6  | 138.8 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 4.837 ng  
RT: 8.637 min Scan# 944  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

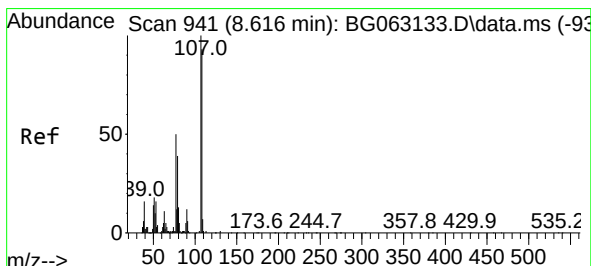
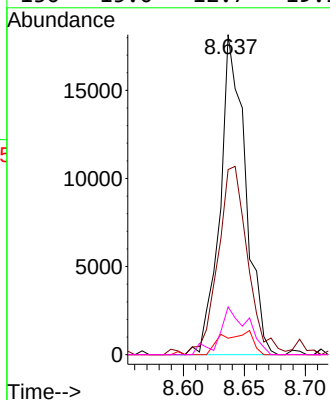
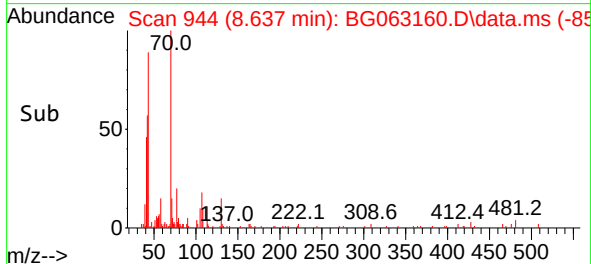
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 70 Resp: 2636  
Ion Ratio Lower Upper  
70 100  
42 57.9 54.2 81.2  
101 5.1 7.7 11.5  
130 15.0 12.7 19.1

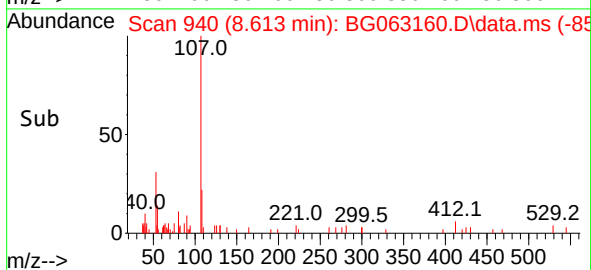
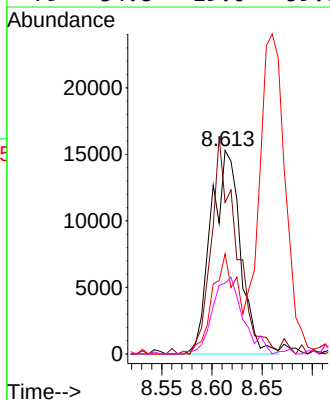
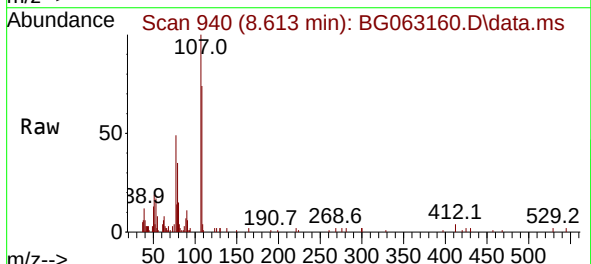
Manual Integrations  
APPROVED

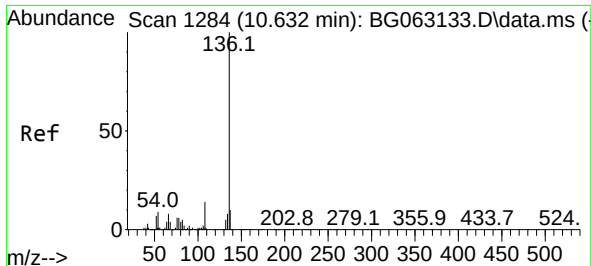
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#20  
3+4-Methylphenols  
Concen: 4.348 ng  
RT: 8.613 min Scan# 940  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

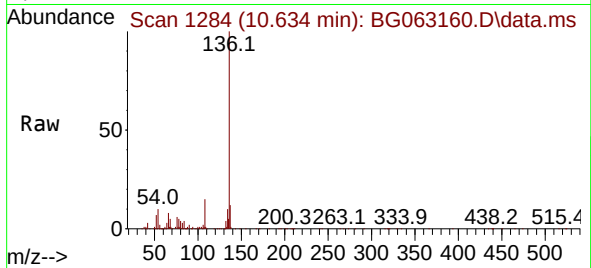
Tgt Ion:107 Resp: 30934  
Ion Ratio Lower Upper  
107 100  
108 74.5 73.1 113.1  
77 49.2 30.2 70.2  
79 34.8 19.0 59.0





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.634 min Scan# 1284  
Delta R.T. 0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

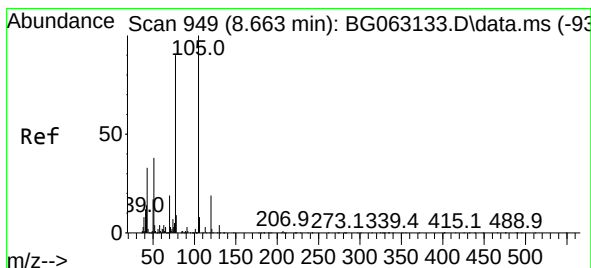
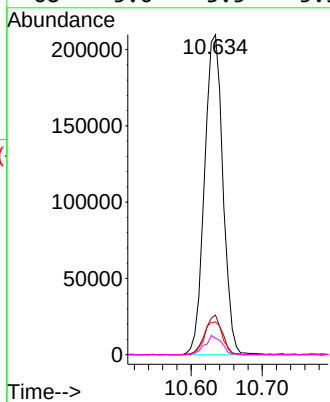
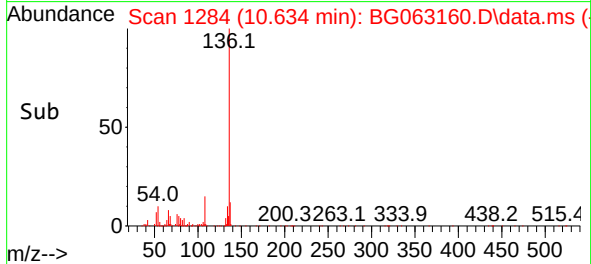
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:136 Resp: 37789  
Ion Ratio Lower Upper  
136 100  
137 12.4 7.8 11.6  
54 10.2 7.3 10.9  
68 5.6 3.5 5.3#

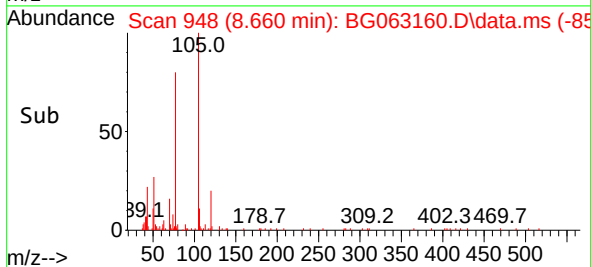
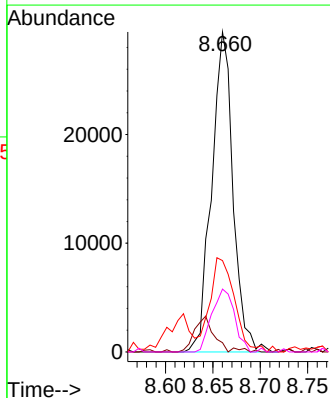
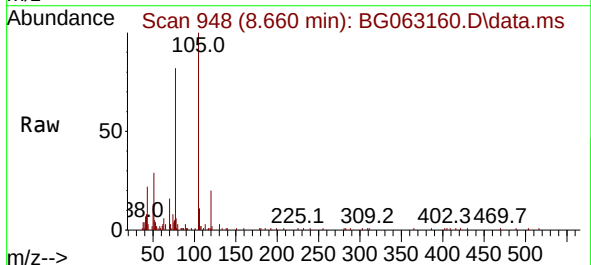
Manual Integrations  
APPROVED

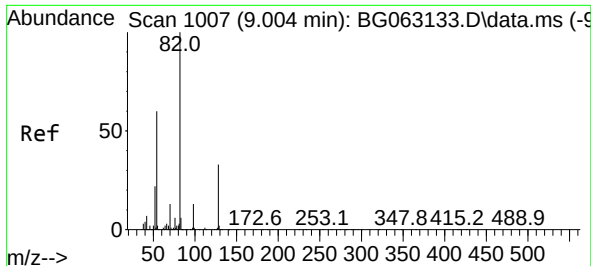
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#22  
Acetophenone  
Concen: 4.572 ng  
RT: 8.660 min Scan# 948  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

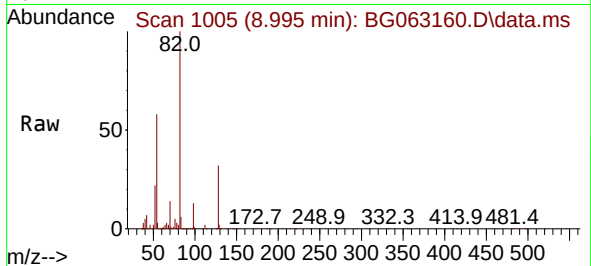
Tgt Ion:105 Resp: 46294  
Ion Ratio Lower Upper  
105 100  
71 2.9 2.3 3.5  
51 28.6 30.5 45.7#  
120 19.6 15.4 23.2





#23  
Nitrobenzene-d5  
Concen: 90.325 ng  
RT: 8.995 min Scan# 1005  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

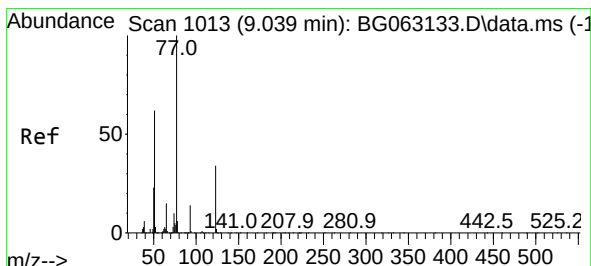
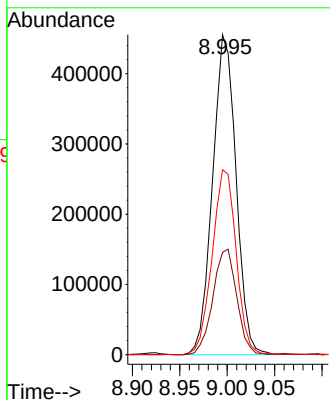
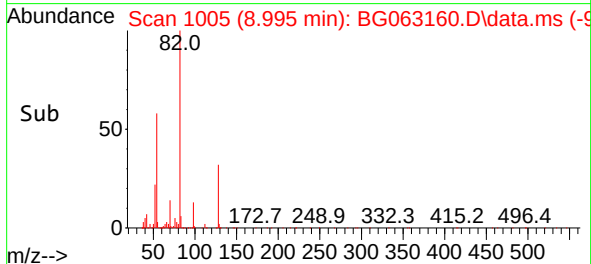
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 82 Resp: 78479  
Ion Ratio Lower Upper  
82 100  
128 32.0 26.6 39.8  
54 57.8 47.8 71.8

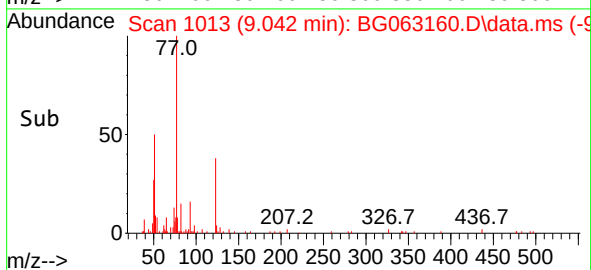
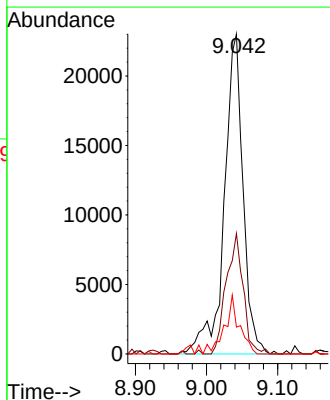
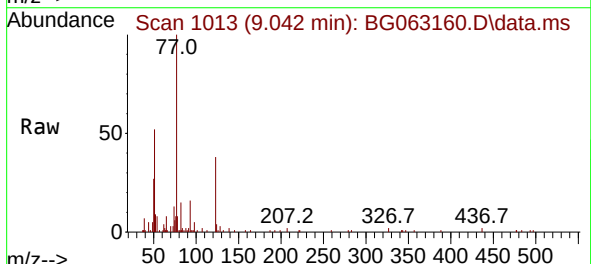
Manual Integrations  
APPROVED

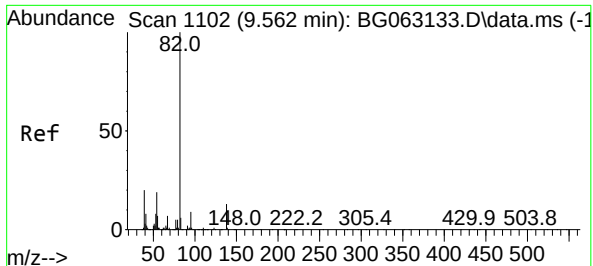
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#24  
Nitrobenzene  
Concen: 4.484 ng  
RT: 9.042 min Scan# 1013  
Delta R.T. 0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion: 77 Resp: 42124  
Ion Ratio Lower Upper  
77 100  
123 37.7 26.9 40.3  
65 8.4 12.3 18.5#





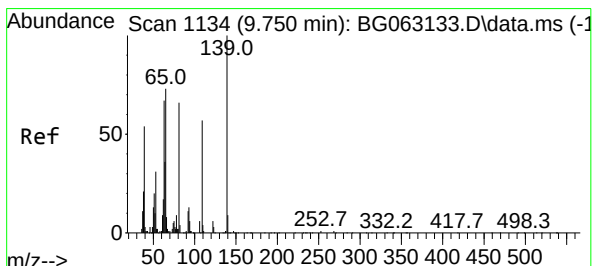
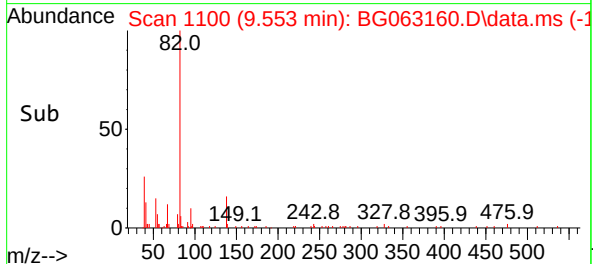
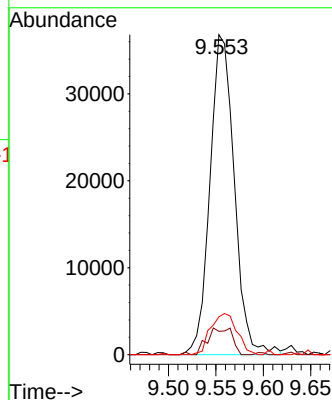
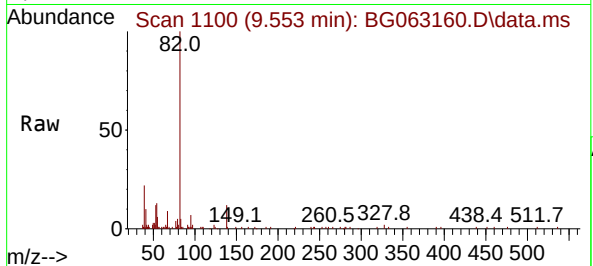
#25  
Isophorone  
Concen: 4.377 ng  
RT: 9.553 min Scan# 1100  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 82 Resp: 65770  
Ion Ratio Lower Upper  
82 100  
95 7.3 7.4 11.0  
138 11.8 10.3 15.5

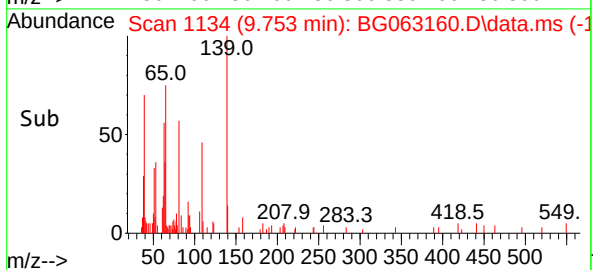
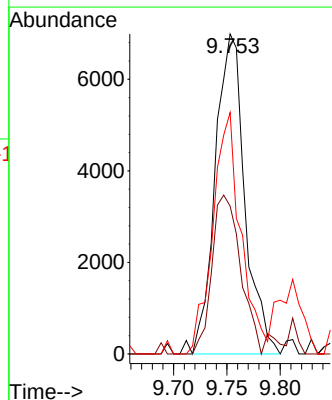
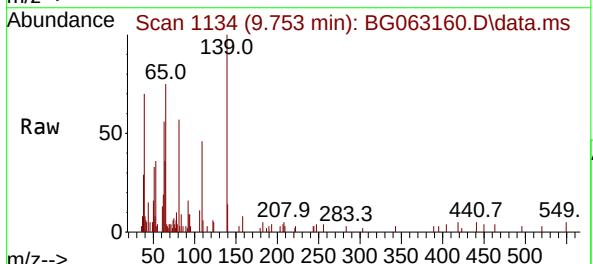
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024

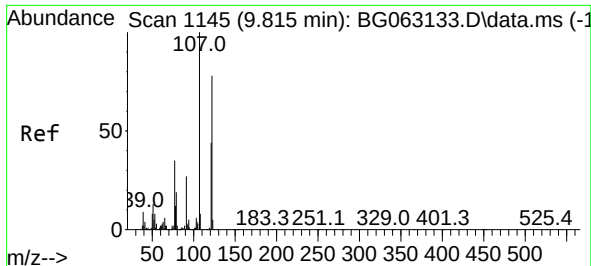


#26  
2-Nitrophenol  
Concen: 3.925 ng  
RT: 9.753 min Scan# 1134  
Delta R.T. 0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:139 Resp: 13561  
Ion Ratio Lower Upper  
139 100  
109 46.2 45.4 68.0  
65 75.4 58.4 87.6







#27

2,4-Dimethylphenol

Concen: 4.319 ng

RT: 9.812 min Scan# 1144

Delta R.T. -0.003 min

Lab File: BG063160.D

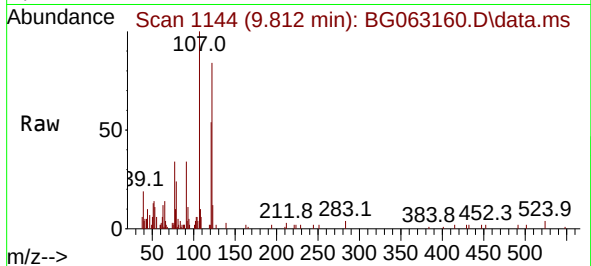
Acq: 4 Nov 2024 18:11

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

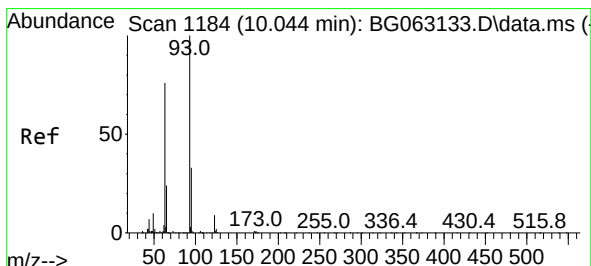
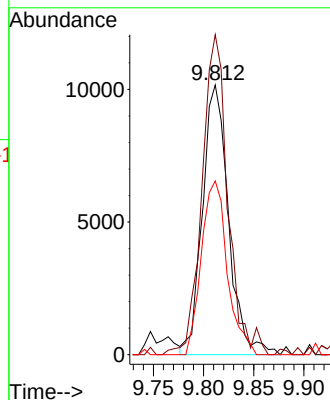
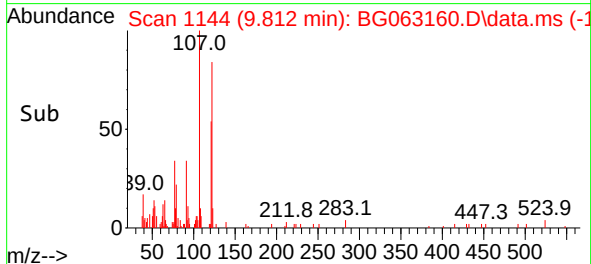


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 18340 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 118.6 | 101.8 | 152.6 |
| 121      | 64.4  | 45.2  | 67.8  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#28

bis(2-Chloroethoxy)methane

Concen: 4.534 ng

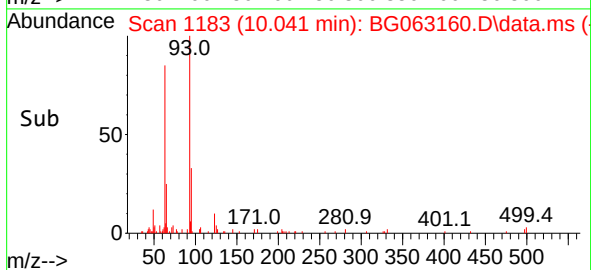
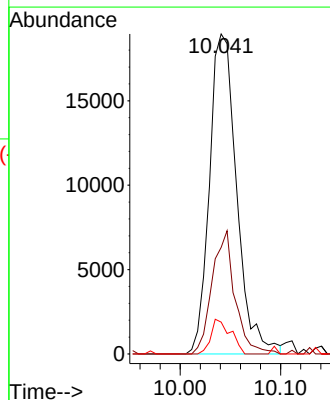
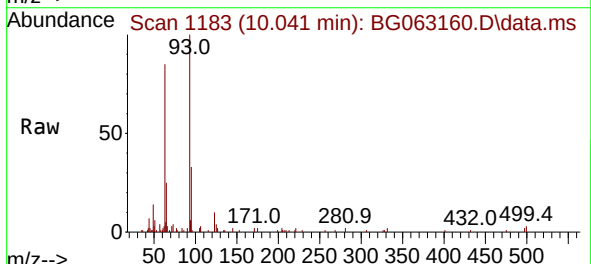
RT: 10.041 min Scan# 1183

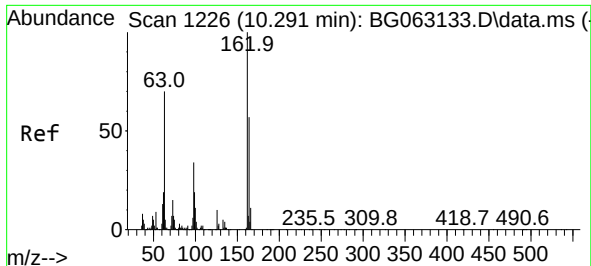
Delta R.T. -0.003 min

Lab File: BG063160.D

Acq: 4 Nov 2024 18:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 35729 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 33.3  | 26.1  | 39.1  |
| 123      | 10.0  | 7.6   | 11.4  |





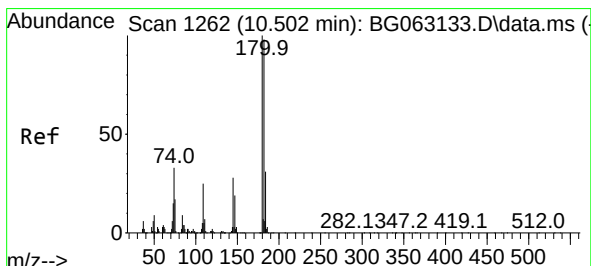
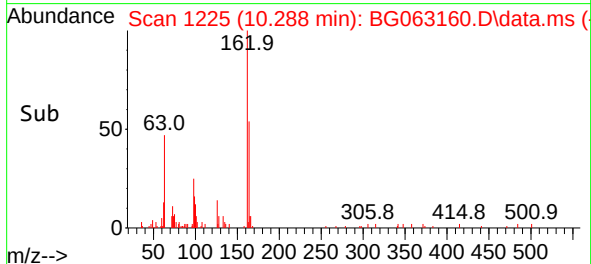
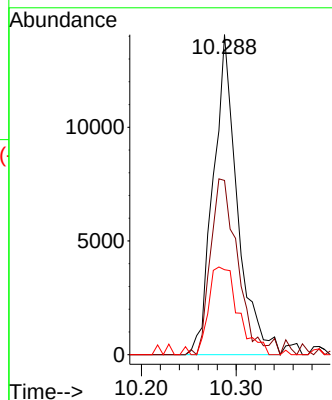
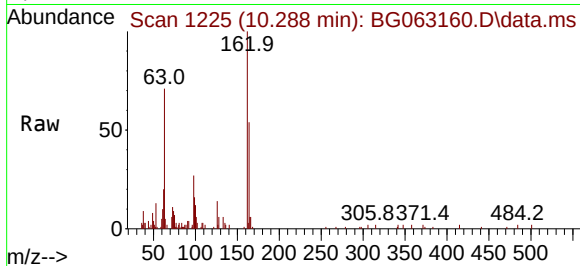
#29  
2,4-Dichlorophenol  
Concen: 3.872 ng  
RT: 10.288 min Scan# 1225  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:162 Resp: 2484  
Ion Ratio Lower Upper  
162 100  
164 54.5 37.2 77.2  
98 26.6 14.0 54.0

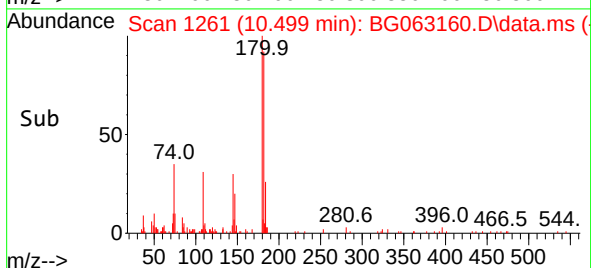
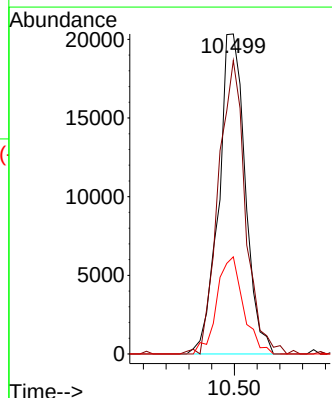
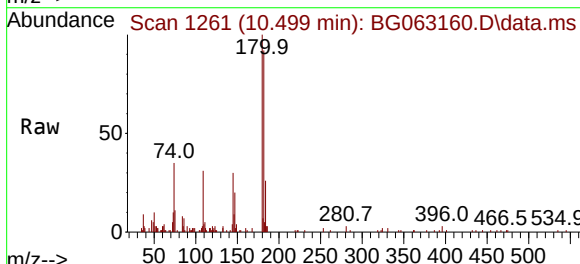
Manual Integrations  
APPROVED

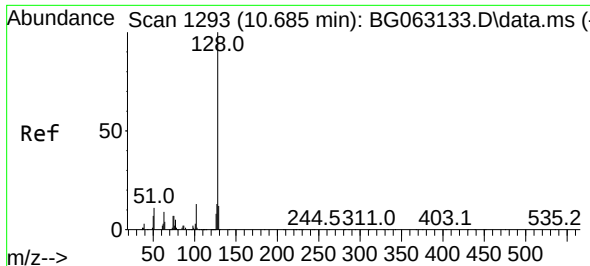
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 4.183 ng  
RT: 10.499 min Scan# 1261  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

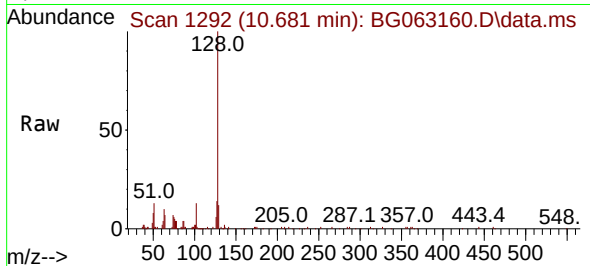
Tgt Ion:180 Resp: 33009  
Ion Ratio Lower Upper  
180 100  
182 97.0 78.5 117.7  
145 30.4 22.6 34.0





#31  
Naphthalene  
Concen: 4.442 ng  
RT: 10.681 min Scan# 1293  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

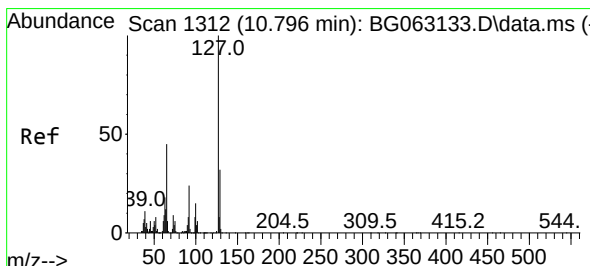
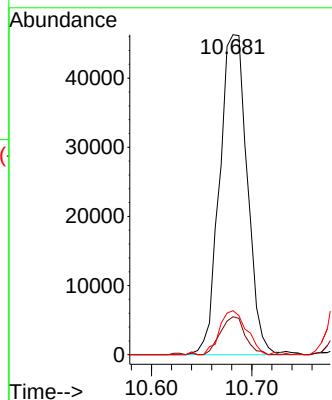
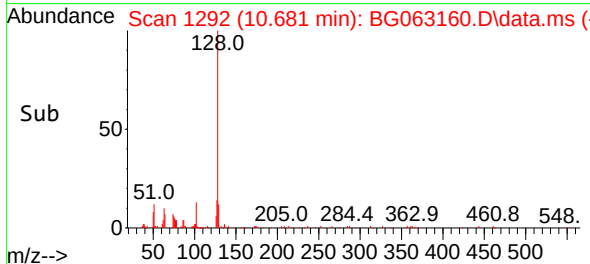
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



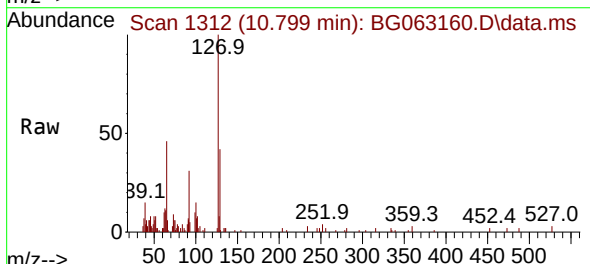
Tgt Ion:128 Resp: 88552  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.5 14.3  
127 13.8 10.7 16.1

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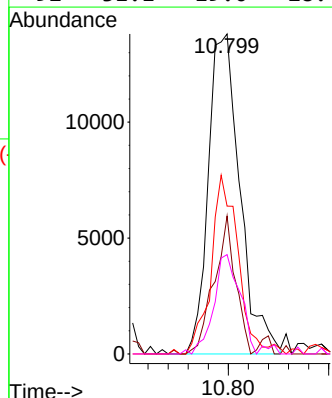
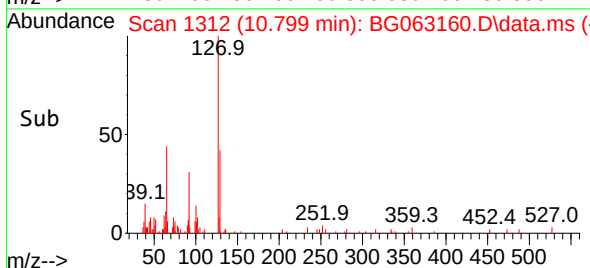
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024

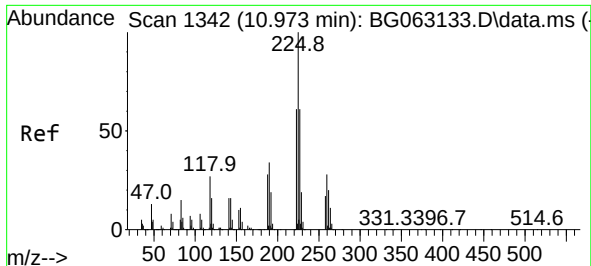


#33  
4-Chloroaniline  
Concen: 4.490 ng  
RT: 10.799 min Scan# 1312  
Delta R.T. 0.002 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11



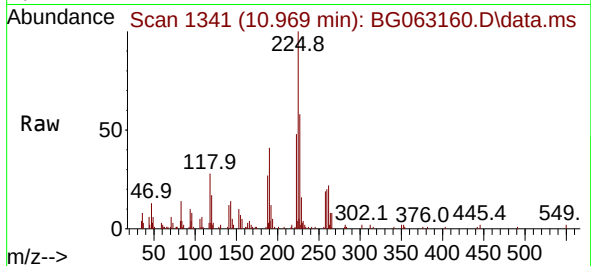
Tgt Ion:127 Resp: 30204  
Ion Ratio Lower Upper  
127 100  
129 43.1 25.6 38.4#  
65 46.2 36.4 54.6  
92 31.1 19.0 28.4#





#34  
Hexachlorobutadiene  
Concen: 4.313 ng  
RT: 10.969 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

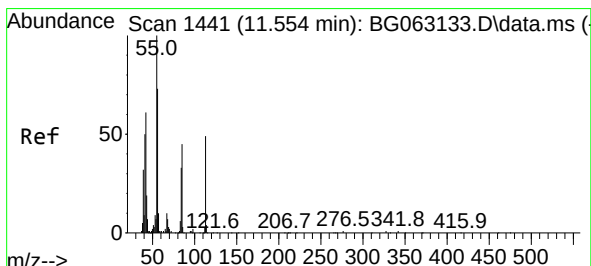
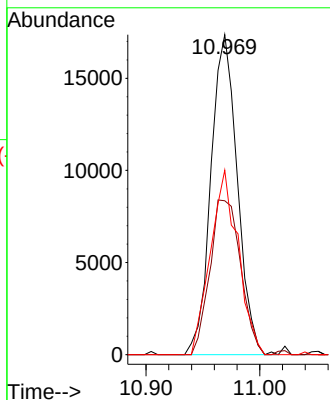
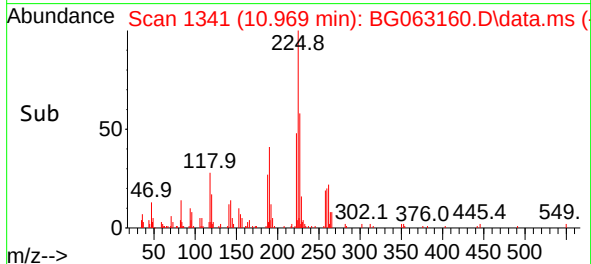
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:225 Resp: 28014  
Ion Ratio Lower Upper  
225 100  
223 48.1 46.2 69.4  
227 57.6 46.2 69.4

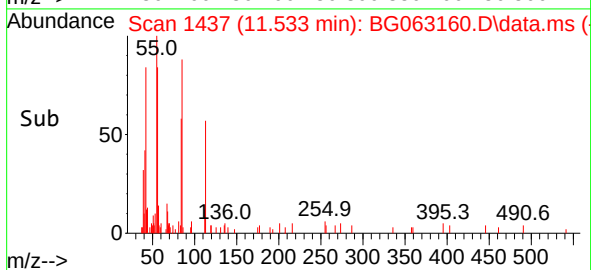
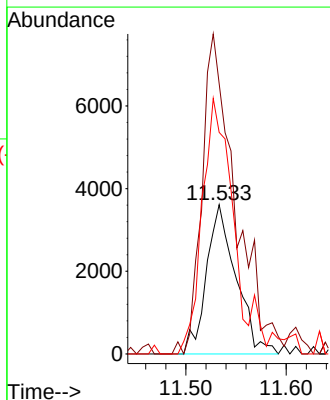
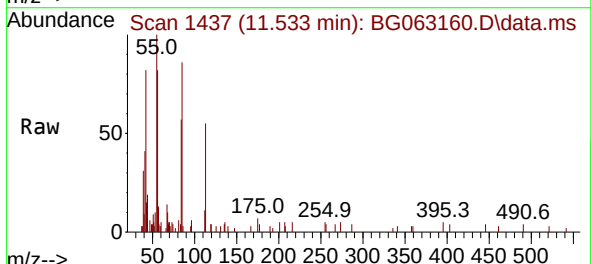
Manual Integrations  
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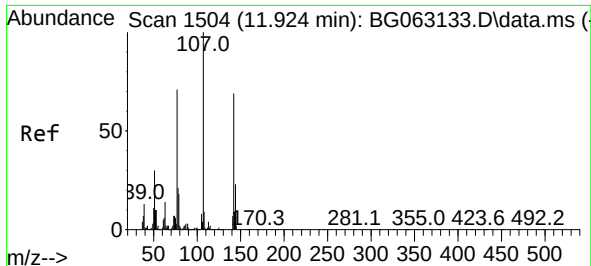
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#35  
Caprolactam  
Concen: 3.629 ng  
RT: 11.533 min Scan# 1437  
Delta R.T. -0.021 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:113 Resp: 7436  
Ion Ratio Lower Upper  
113 100  
55 181.1 187.0 227.0#  
56 148.5 130.9 170.9





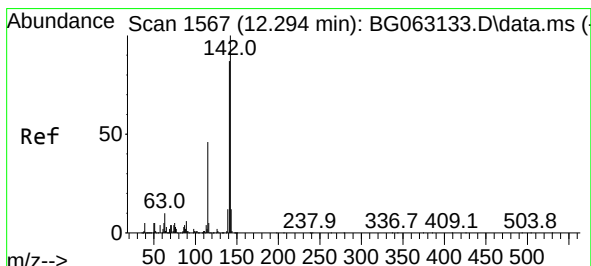
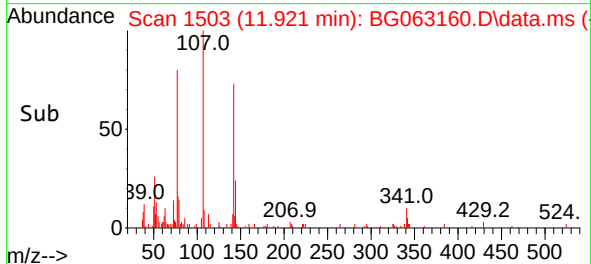
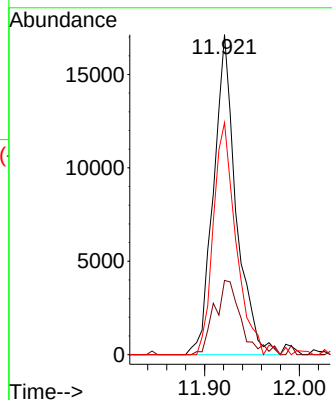
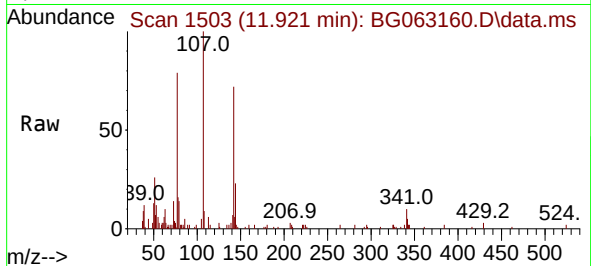
#36  
4-Chloro-3-methylphenol  
Concen: 3.836 ng  
RT: 11.921 min Scan# 1503  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:107 Resp: 28350  
Ion Ratio Lower Upper  
107 100  
144 23.2 18.5 27.7  
142 72.5 55.0 82.4

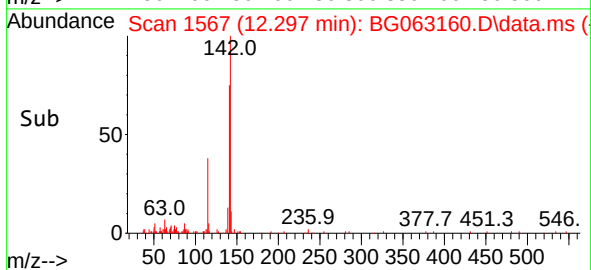
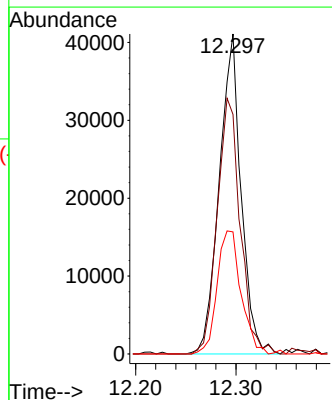
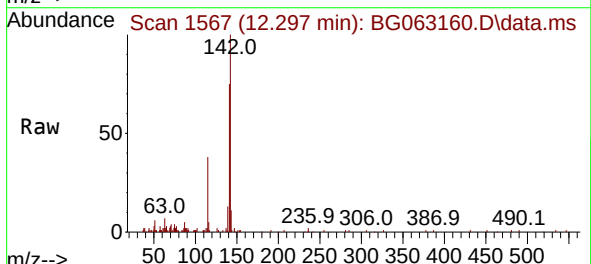
Manual Integrations  
APPROVED

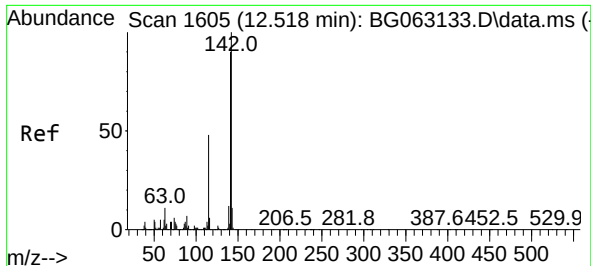
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#37  
2-Methylnaphthalene  
Concen: 4.395 ng  
RT: 12.297 min Scan# 1567  
Delta R.T. 0.002 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

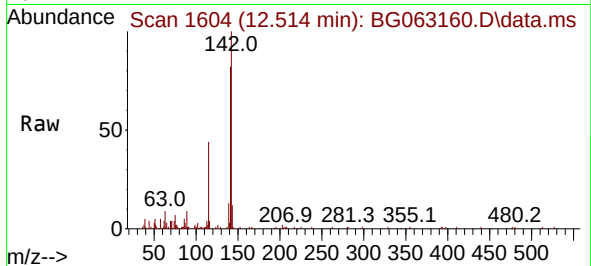
Tgt Ion:142 Resp: 62144  
Ion Ratio Lower Upper  
142 100  
141 74.9 69.2 103.8  
115 38.2 36.6 54.8





#38  
1-Methylnaphthalene  
Concen: 4.212 ng m  
RT: 12.514 min Scan# 10  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

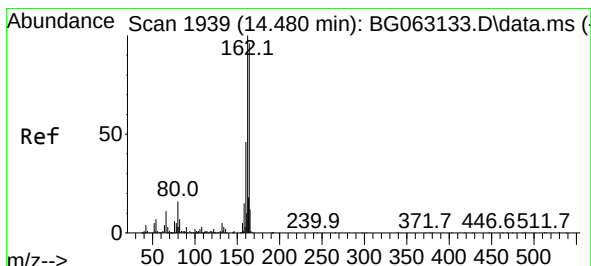
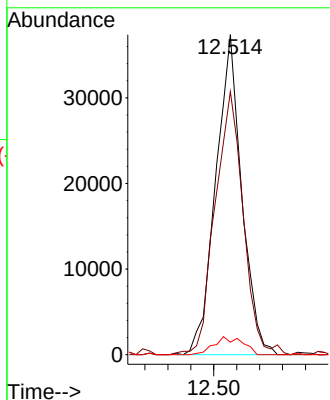
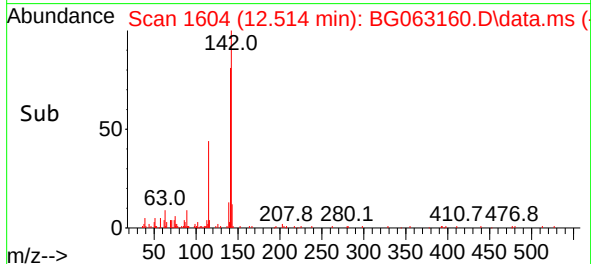
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:142 Resp: 58629  
Ion Ratio Lower Upper  
142 100  
141 82.2 72.2 108.4  
116 3.9 4.5 6.7

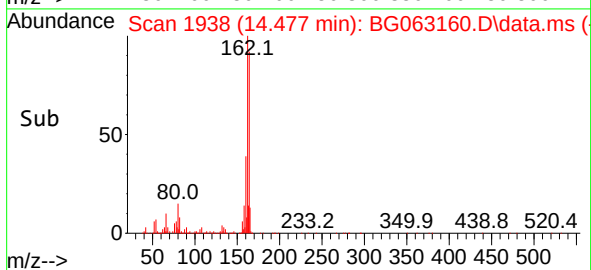
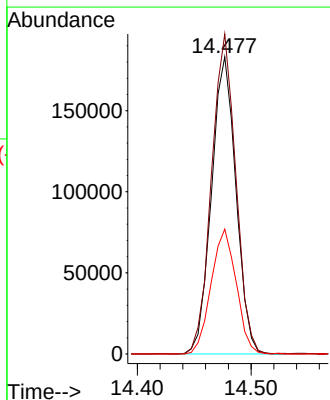
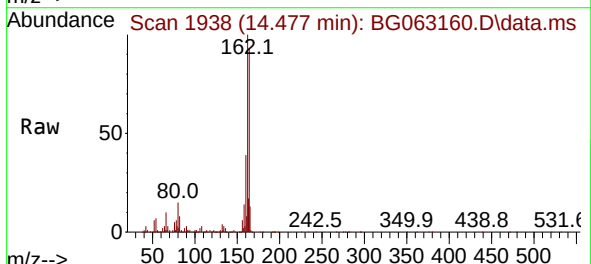
Manual Integrations  
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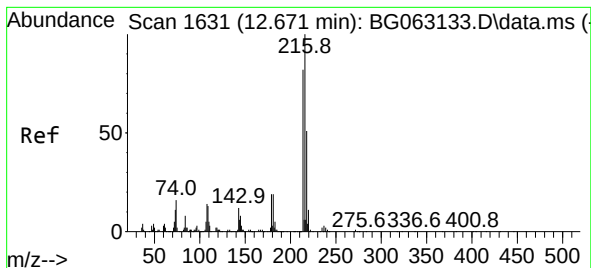
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.477 min Scan# 1938  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:164 Resp: 273829  
Ion Ratio Lower Upper  
164 100  
162 107.7 83.4 125.0  
160 42.0 38.0 57.0





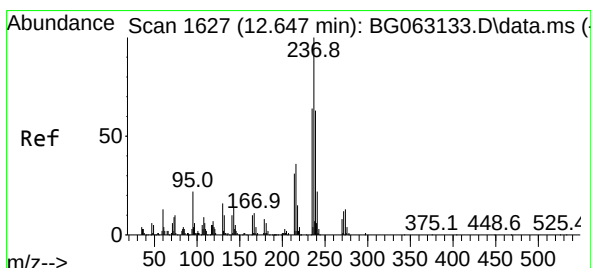
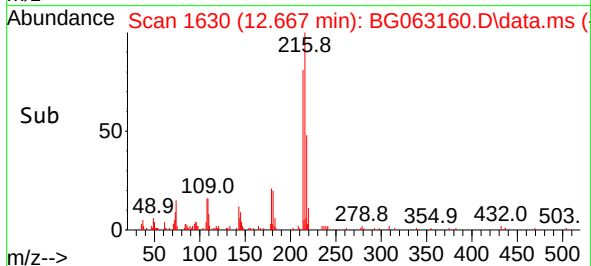
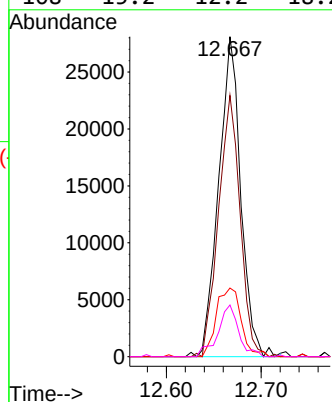
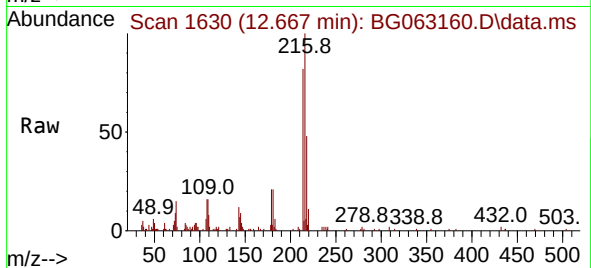
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.630 ng  
RT: 12.667 min Scan# 1630  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:216 Resp: 45558  
Ion Ratio Lower Upper  
216 100  
214 79.8 63.8 95.6  
179 24.1 15.7 23.5  
108 15.2 12.2 18.2

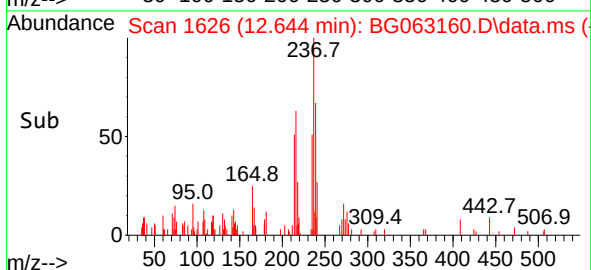
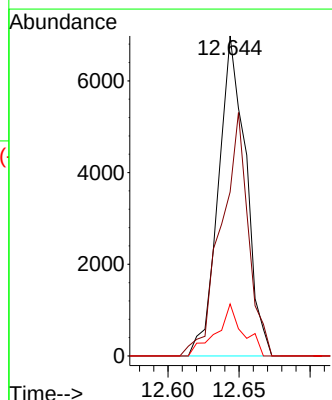
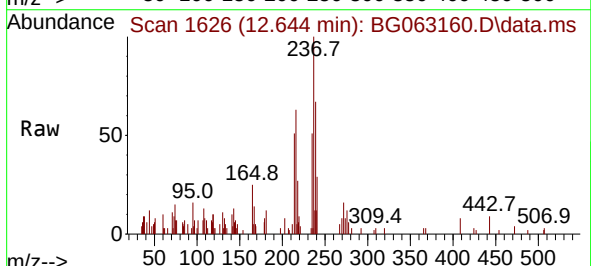
Manual Integrations  
APPROVED

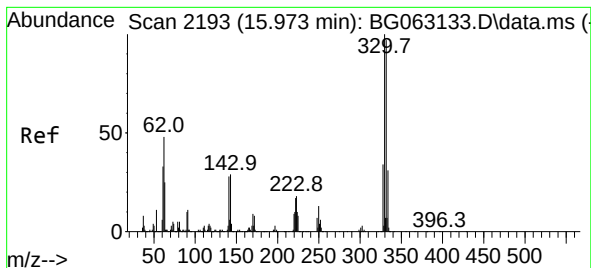
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#41  
Hexachlorocyclopentadiene  
Concen: 2.932 ng  
RT: 12.644 min Scan# 1626  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

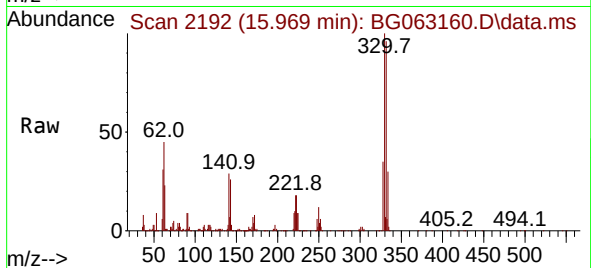
Tgt Ion:237 Resp: 9374  
Ion Ratio Lower Upper  
237 100  
235 51.3 43.8 83.8  
272 16.3 0.0 32.4





#42  
2,4,6-Tribromophenol  
Concen: 133.836 ng  
RT: 15.969 min Scan# 2193  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

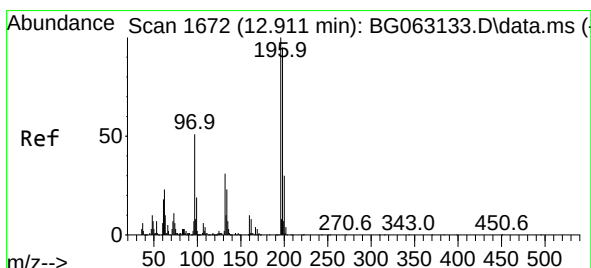
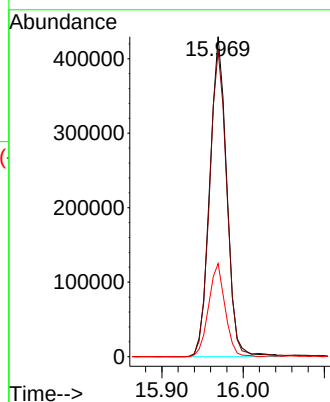
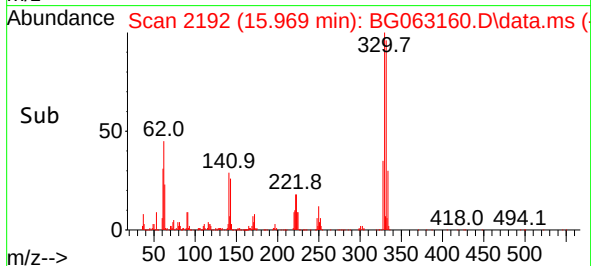
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



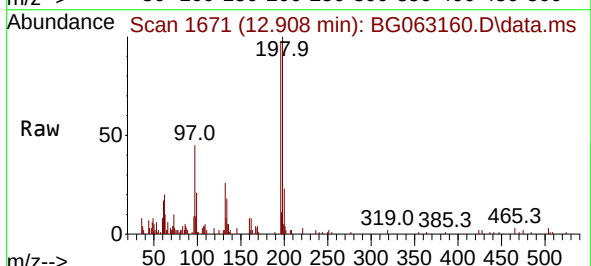
Tgt Ion:330 Resp: 62252  
Ion Ratio Lower Upper  
330 100  
332 97.1 78.6 117.8  
141 28.3 22.6 34.0

Manual Integrations  
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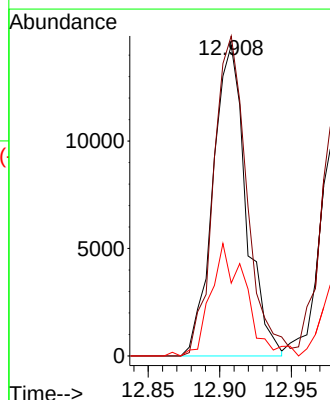
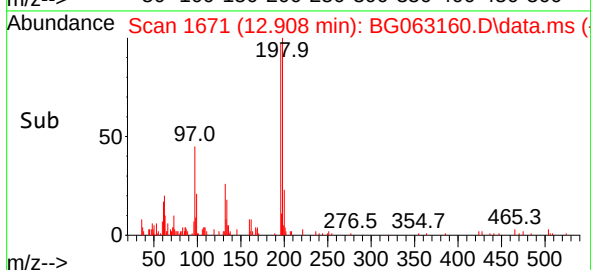
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



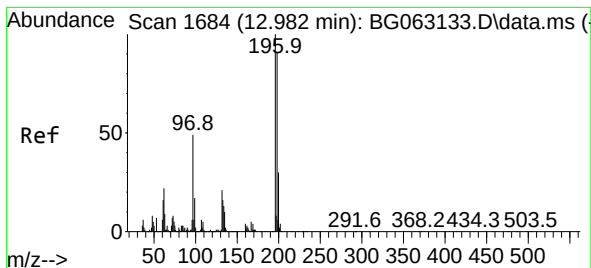
#43  
2,4,6-Trichlorophenol  
Concen: 3.962 ng m  
RT: 12.908 min Scan# 1671  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11



Tgt Ion:196 Resp: 23339  
Ion Ratio Lower Upper  
196 100  
198 103.0 76.2 114.2  
200 23.5 23.8 35.8#

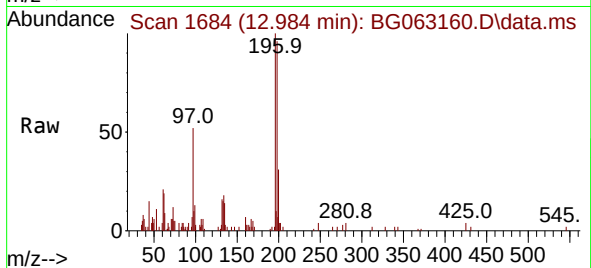






#44  
2,4,5-Trichlorophenol  
Concen: 3.401 ng  
RT: 12.984 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

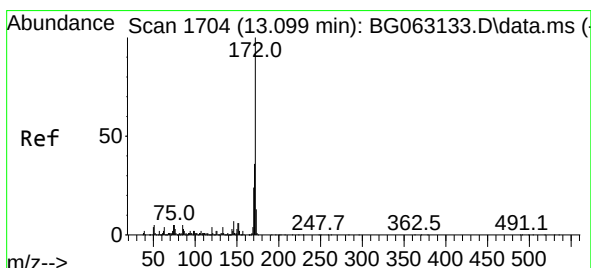
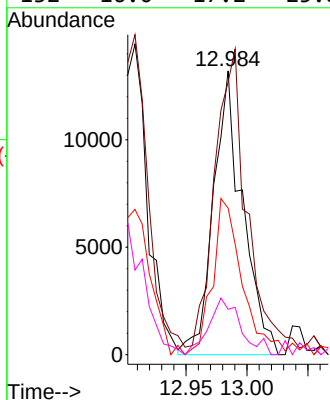
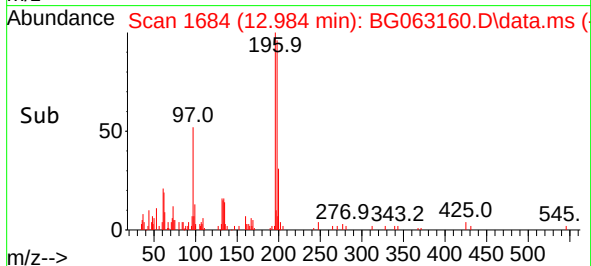
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



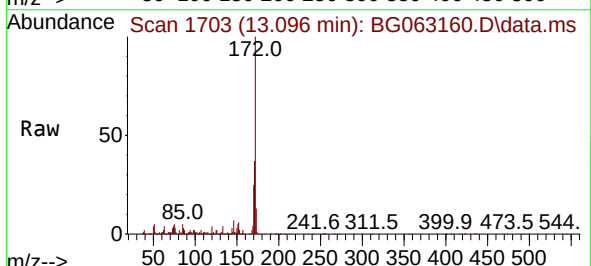
Tgt Ion:196 Resp: 2202  
Ion Ratio Lower Upper  
196 100  
198 96.0 73.2 109.8  
97 51.6 39.1 58.7  
132 16.0 17.2 25.8#

Manual Integrations  
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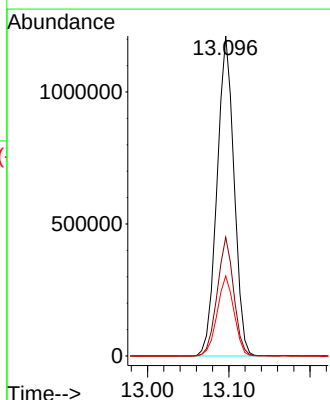
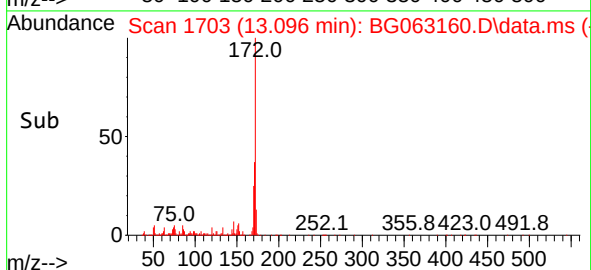
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024

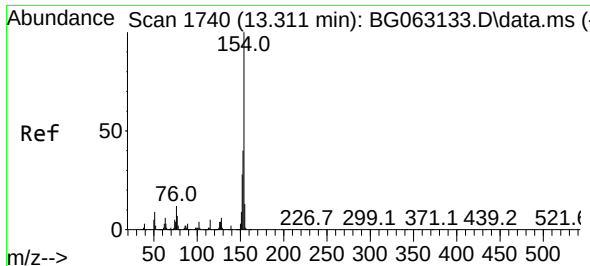


#45  
2-Fluorobiphenyl  
Concen: 95.498 ng  
RT: 13.096 min Scan# 1703  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11



Tgt Ion:172 Resp: 1765577  
Ion Ratio Lower Upper  
172 100  
171 37.1 28.6 42.8  
170 25.0 19.4 29.2





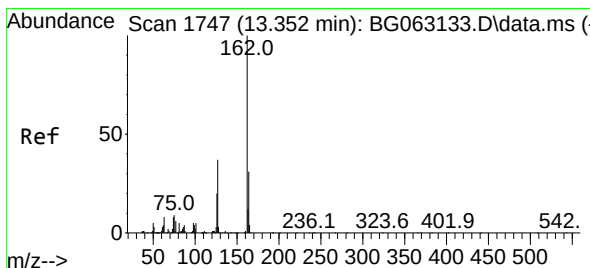
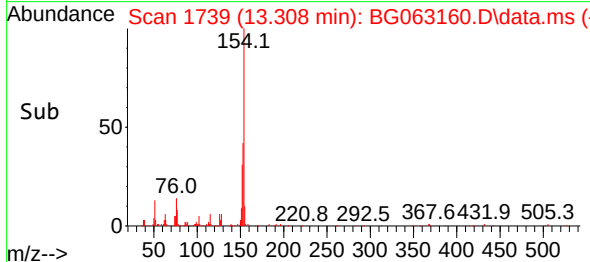
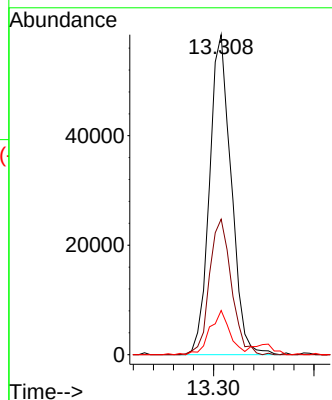
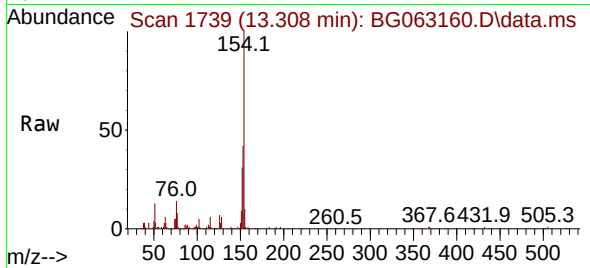
#46  
1,1'-Biphenyl  
Concen: 4.728 ng  
RT: 13.308 min Scan# 1739  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:154 Resp: 8788  
Ion Ratio Lower Upper  
154 100  
153 42.4 20.3 60.3  
76 13.8 0.0 32.5

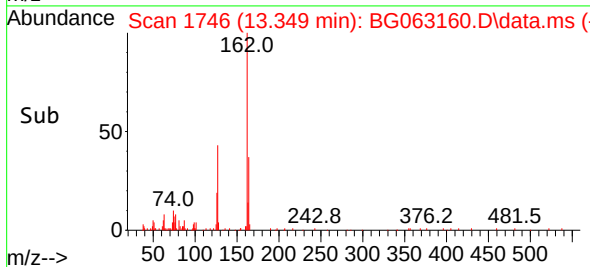
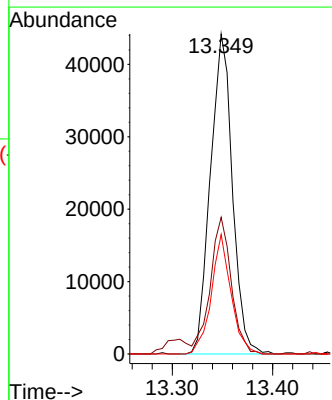
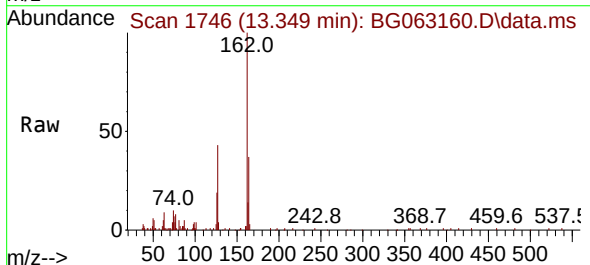
Manual Integrations  
APPROVED

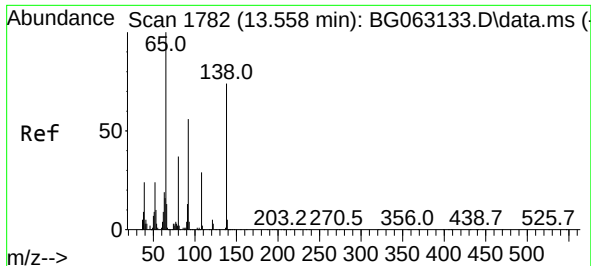
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#47  
2-Chloronaphthalene  
Concen: 4.313 ng  
RT: 13.349 min Scan# 1746  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

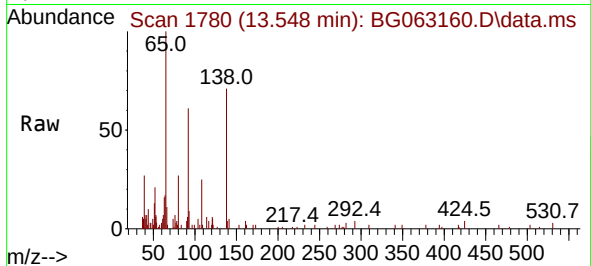
Tgt Ion:162 Resp: 67133  
Ion Ratio Lower Upper  
162 100  
127 42.7 30.3 45.5  
164 37.3 24.6 36.8#





#48  
2-Nitroaniline  
Concen: 4.161 ng  
RT: 13.548 min Scan# 1782  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

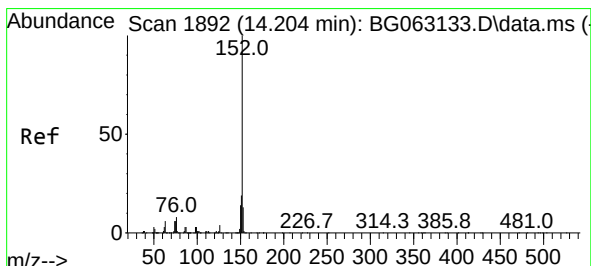
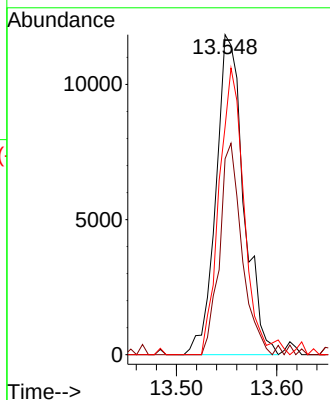
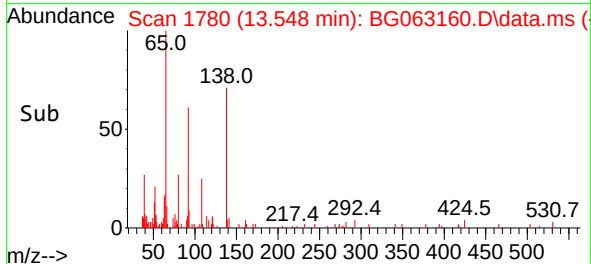
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



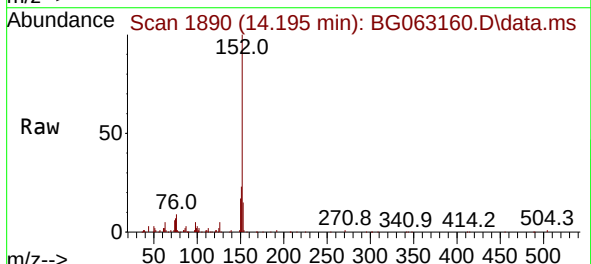
Tgt Ion: 65 Resp: 2273  
Ion Ratio Lower Upper  
65 100  
92 61.2 44.6 66.8  
138 71.2 59.0 88.4

Manual Integrations  
APPROVED

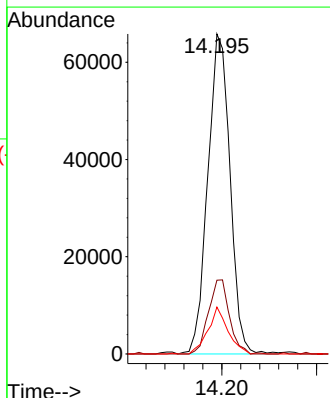
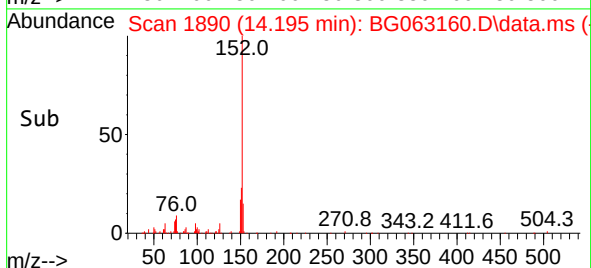
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024

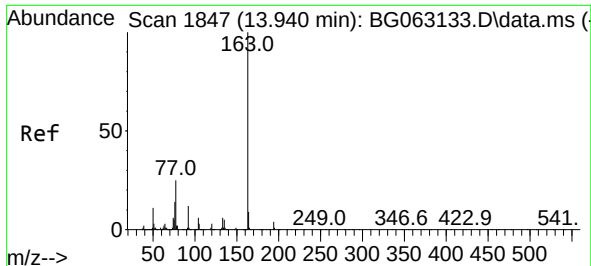


#49  
Acenaphthylene  
Concen: 4.878 ng  
RT: 14.195 min Scan# 1890  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11



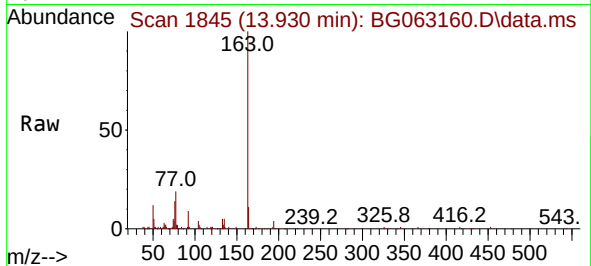
Tgt Ion:152 Resp: 107185  
Ion Ratio Lower Upper  
152 100  
151 23.1 15.0 22.4#  
153 14.7 10.1 15.1





#50  
Dimethylphthalate  
Concen: 4.429 ng  
RT: 13.930 min Scan# 1845  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

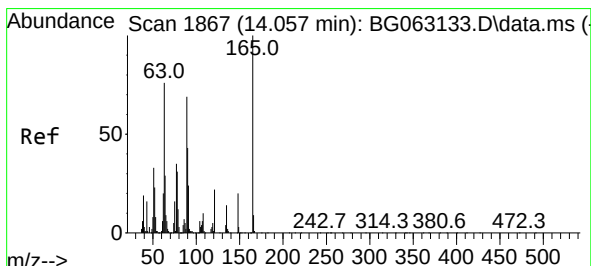
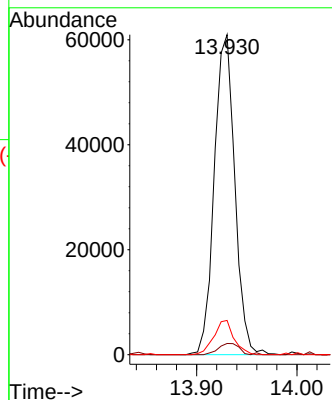
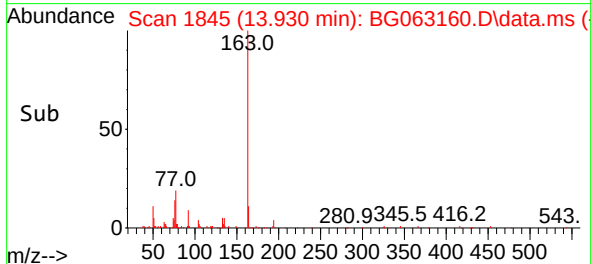
Instrument : BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



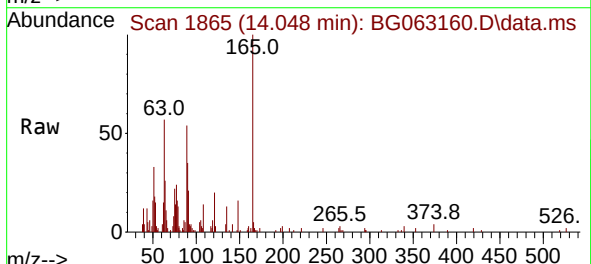
Tgt Ion:163 Resp: 86439  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.4 5.0  
164 10.7 7.0 10.6

Manual Integrations  
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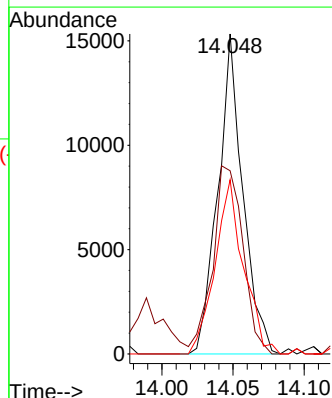
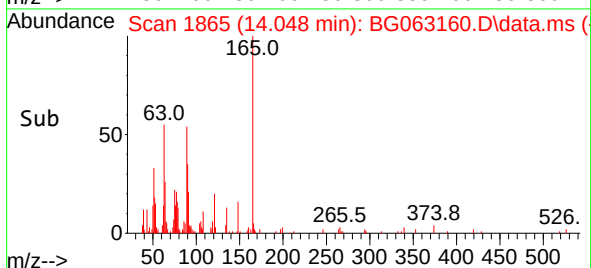
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024

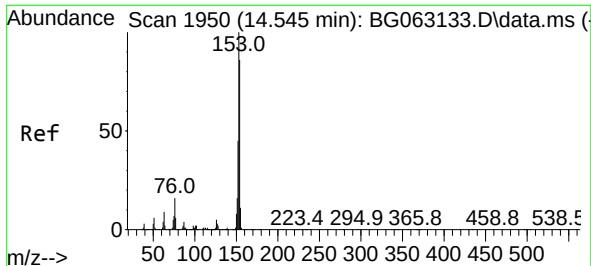


#51  
2,6-Dinitrotoluene  
Concen: 4.482 ng  
RT: 14.048 min Scan# 1865  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11



Tgt Ion:165 Resp: 18677  
Ion Ratio Lower Upper  
165 100  
63 57.3 63.8 95.8#  
89 54.5 55.1 82.7#





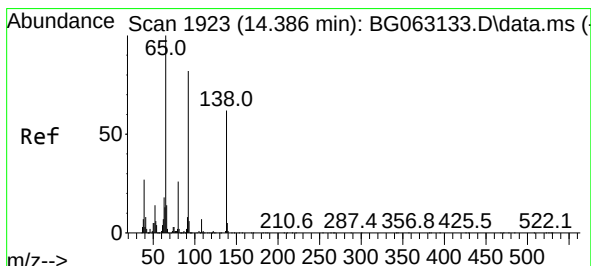
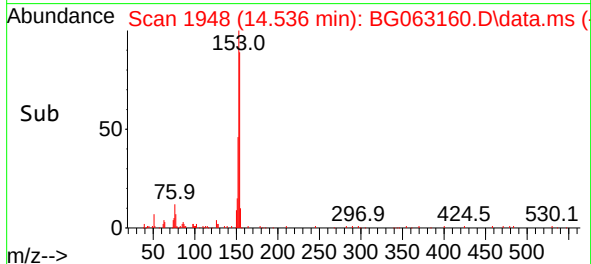
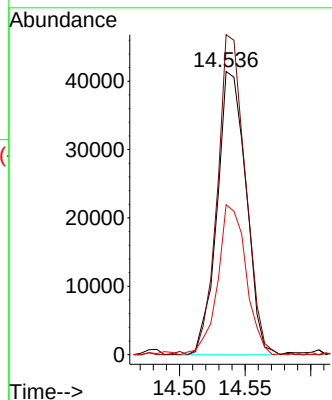
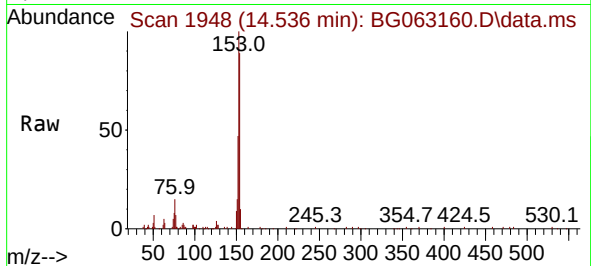
#52  
Acenaphthene  
Concen: 4.661 ng  
RT: 14.536 min Scan# 1950  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:154 Resp: 6340  
Ion Ratio Lower Upper  
154 100  
153 113.0 93.1 139.7  
152 52.9 42.2 63.2

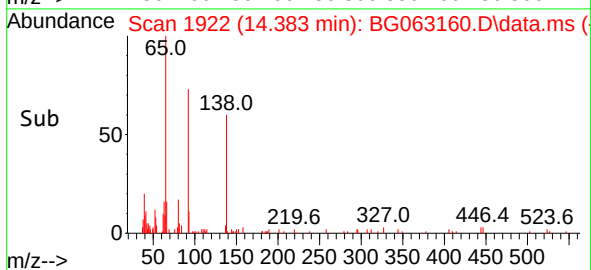
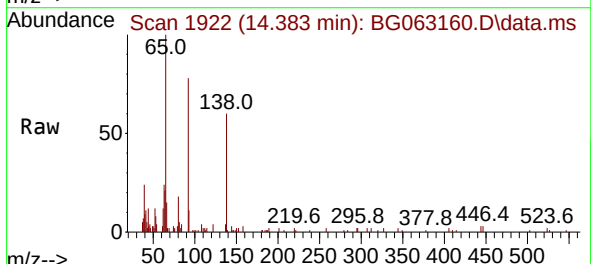
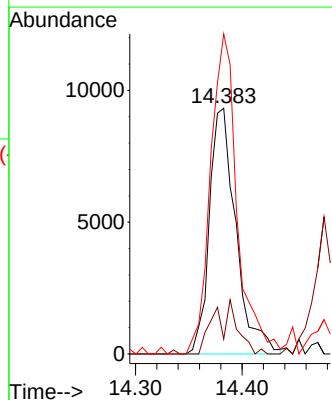
Manual Integrations  
APPROVED

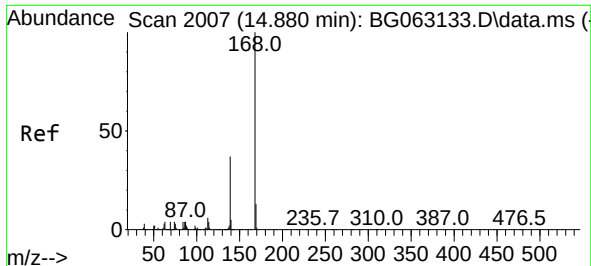
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#53  
3-Nitroaniline  
Concen: 4.076 ng  
RT: 14.383 min Scan# 1922  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:138 Resp: 16125  
Ion Ratio Lower Upper  
138 100  
108 6.1 9.4 14.0#  
92 130.2 106.2 159.2





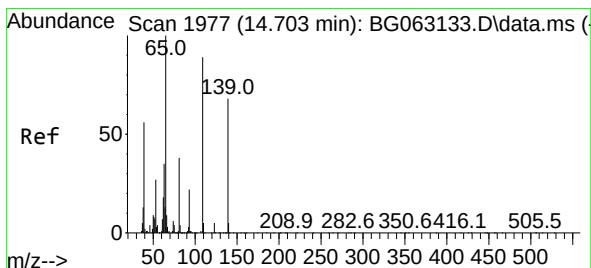
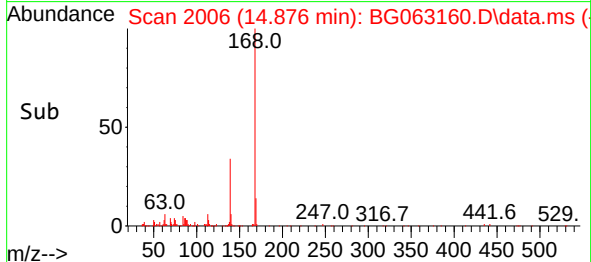
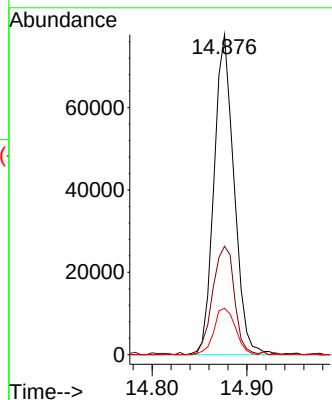
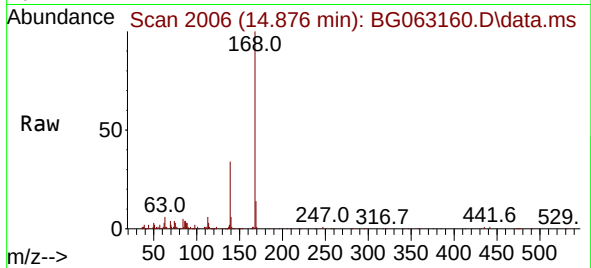
#55  
Dibenzenofuran  
Concen: 4.759 ng  
RT: 14.876 min Scan# 2007  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:168 Resp: 11414  
Ion Ratio Lower Upper  
168 100  
139 33.9 29.9 44.9  
169 14.5 10.4 15.6

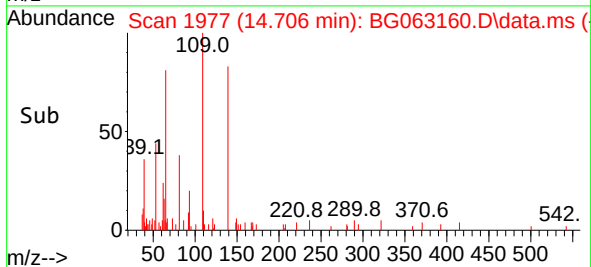
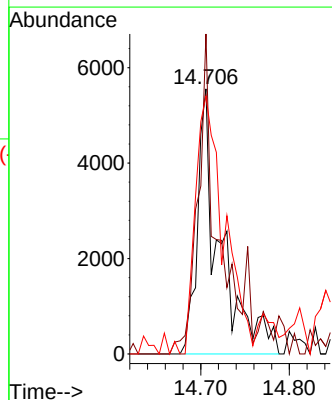
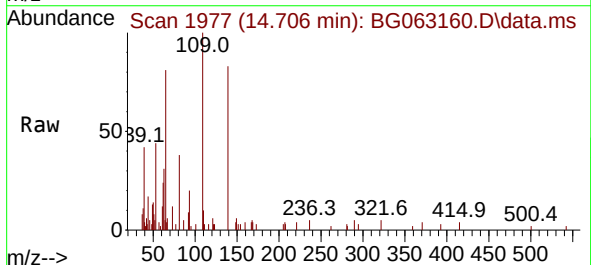
Manual Integrations  
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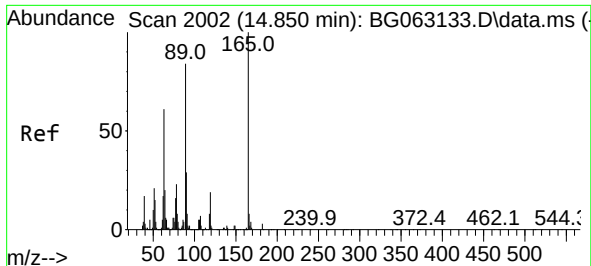
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#56  
4-Nitrophenol  
Concen: 3.307 ng m  
RT: 14.706 min Scan# 1977  
Delta R.T. 0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:139 Resp: 9904  
Ion Ratio Lower Upper  
139 100  
109 120.7 112.0 152.0  
65 97.4 127.6 167.6#





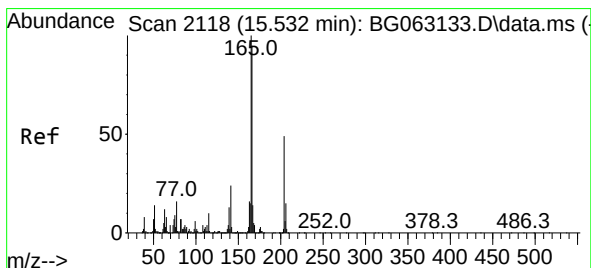
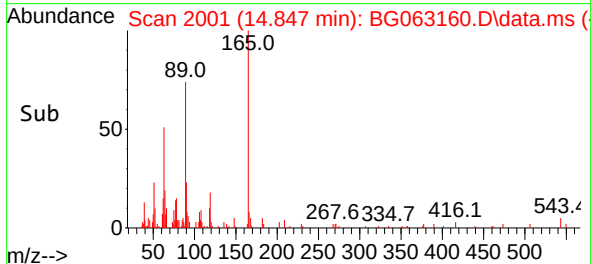
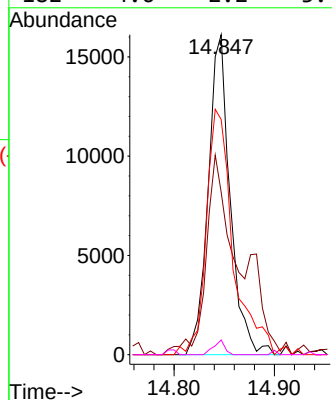
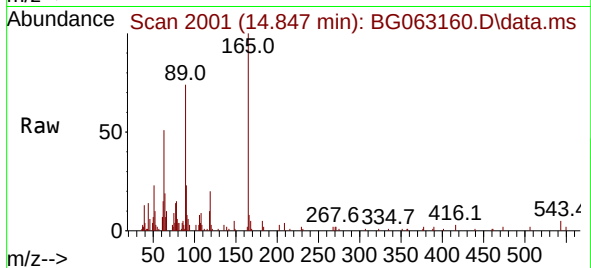
#57  
2,4-Dinitrotoluene  
Concen: 4.110 ng  
RT: 14.847 min Scan# 2002  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:165 Resp: 24492  
Ion Ratio Lower Upper  
165 100  
63 50.8 49.0 73.4  
89 73.5 67.4 101.0  
182 4.6 2.2 3.4#

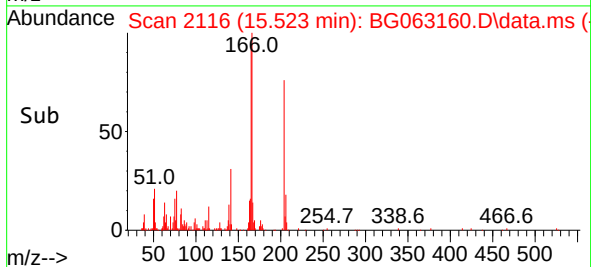
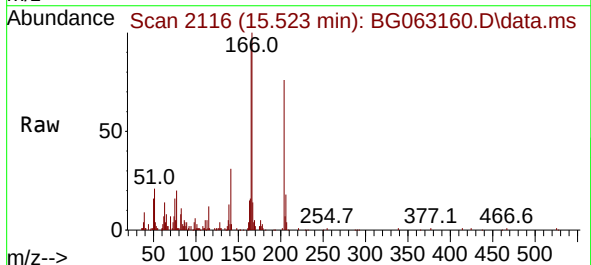
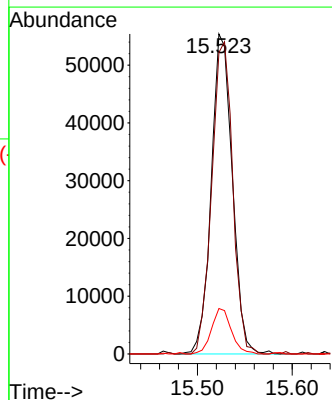
Manual Integrations  
APPROVED

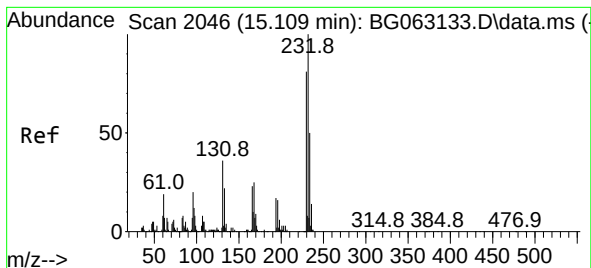
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#58  
Fluorene  
Concen: 4.496 ng  
RT: 15.523 min Scan# 2116  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:166 Resp: 85472  
Ion Ratio Lower Upper  
166 100  
165 94.2 84.1 126.1  
167 14.2 11.6 17.4





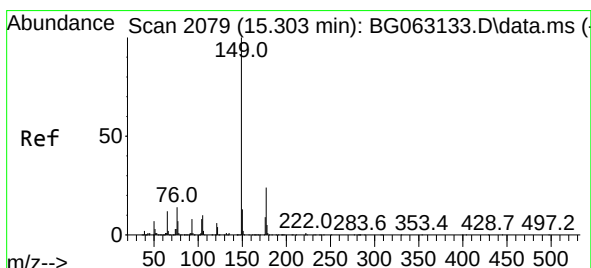
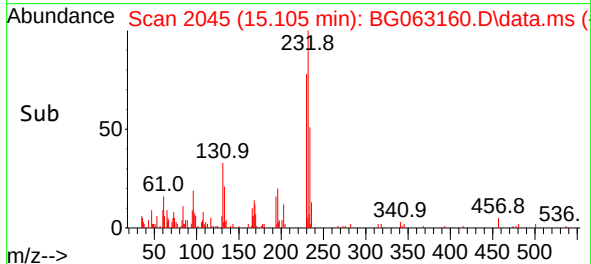
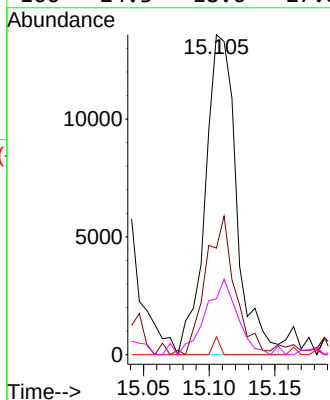
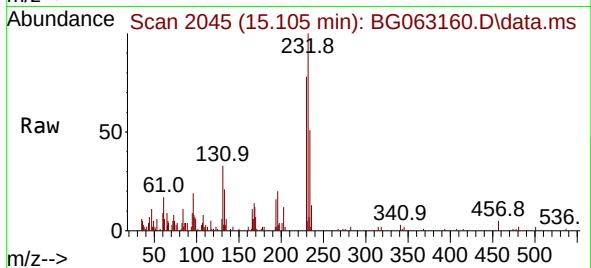
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.619 ng  
RT: 15.105 min Scan# 2046  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:232 Resp: 2249  
Ion Ratio Lower Upper  
232 100  
131 40.5 26.8 40.2  
130 1.2 1.8 2.8  
166 24.3 18.6 27.8

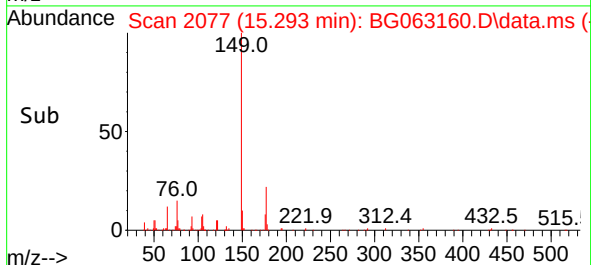
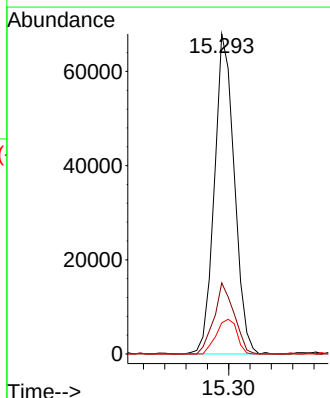
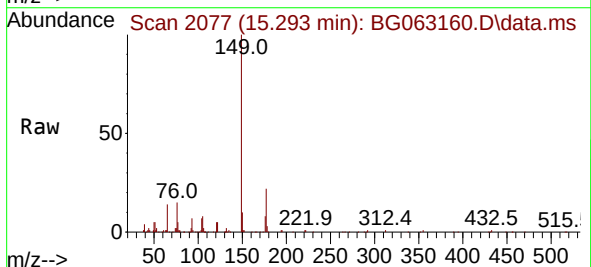
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024

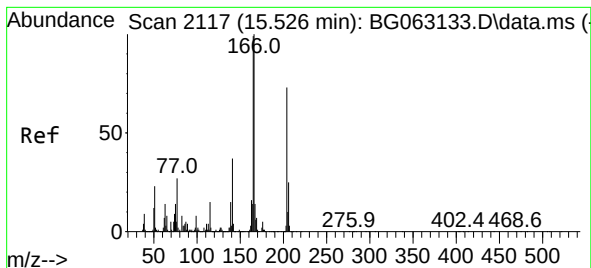


#60  
Diethylphthalate  
Concen: 4.381 ng  
RT: 15.293 min Scan# 2077  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:149 Resp: 87799  
Ion Ratio Lower Upper  
149 100  
177 22.2 18.8 28.2  
150 9.7 10.2 15.4







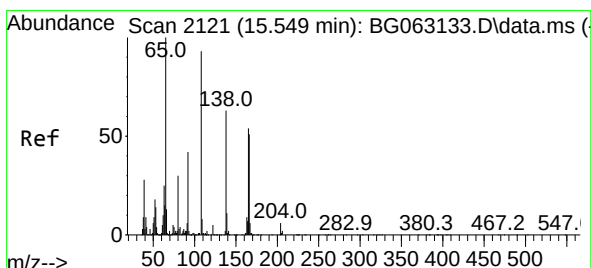
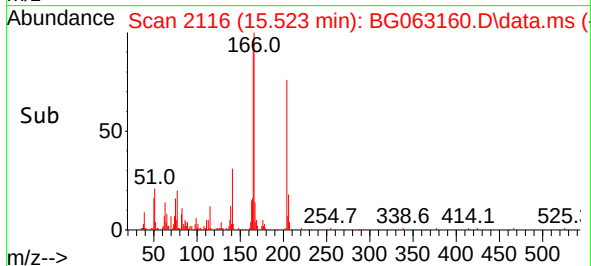
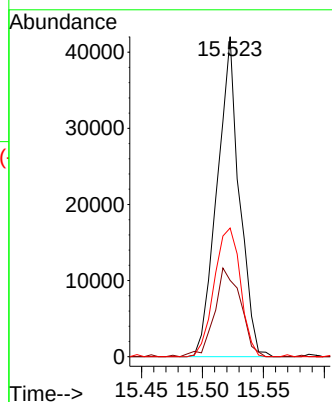
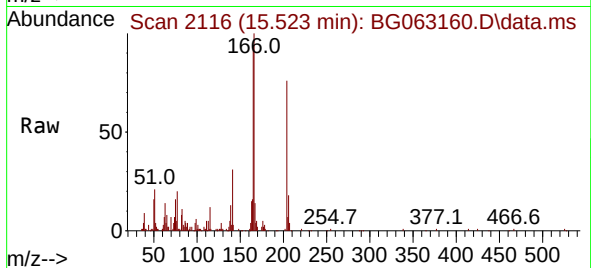
#61  
4-Chlorophenyl-phenylether  
Concen: 4.539 ng  
RT: 15.523 min Scan# 2116  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:204 Resp: 5362  
Ion Ratio Lower Upper  
204 100  
206 23.8 27.0 40.4  
141 40.2 41.0 61.4

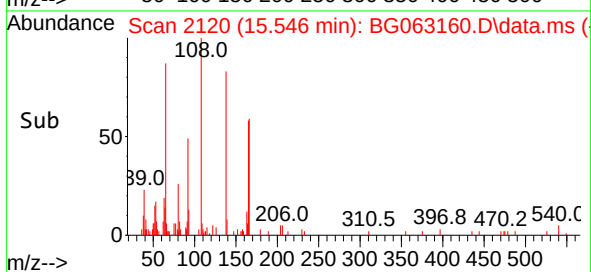
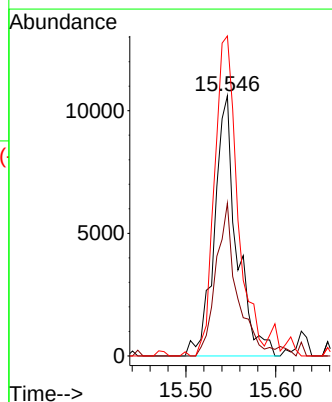
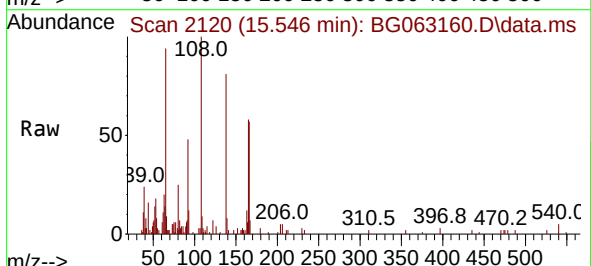
Manual Integrations  
APPROVED

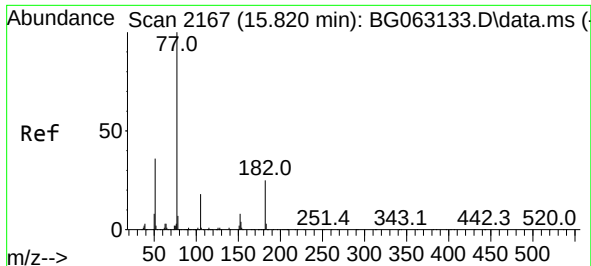
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#62  
4-Nitroaniline  
Concen: 4.202 ng  
RT: 15.546 min Scan# 2120  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

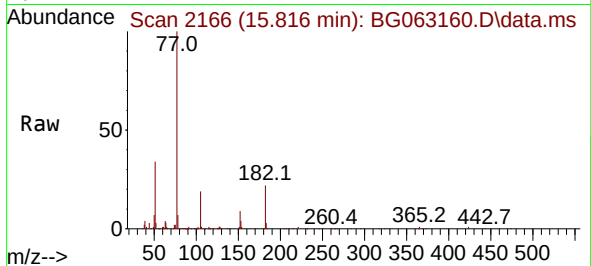
Tgt Ion:138 Resp: 18341  
Ion Ratio Lower Upper  
138 100  
92 58.8 46.2 86.2  
108 123.0 126.8 166.8





#63  
Azobenzene  
Concen: 4.575 ng  
RT: 15.816 min Scan# 2166  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

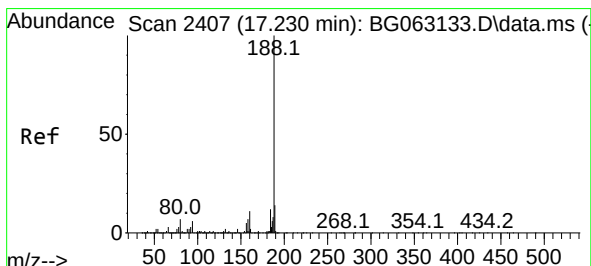
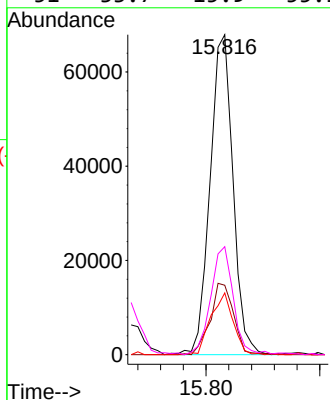
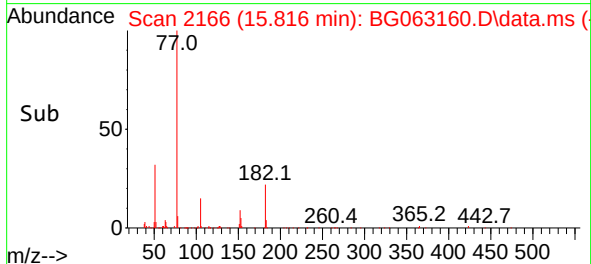
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 77 Resp: 9482  
Ion Ratio Lower Upper  
77 100  
182 21.7 5.4 45.4  
105 19.9 0.0 37.5  
51 33.7 15.9 55.9

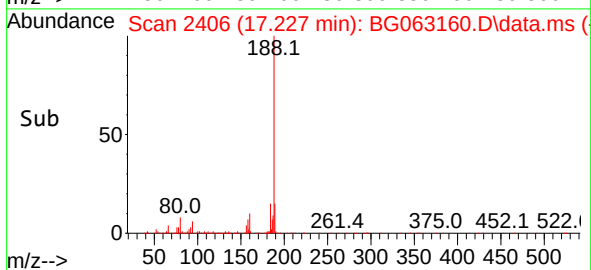
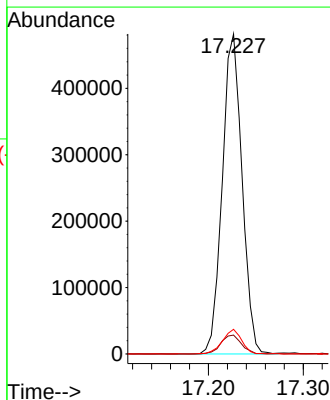
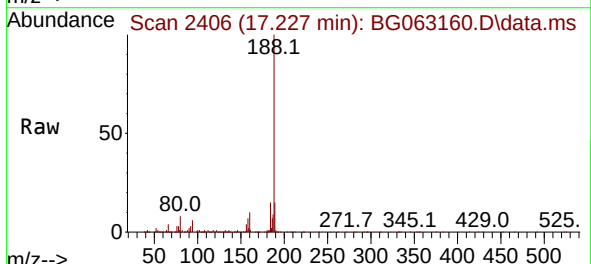
Manual Integrations  
APPROVED

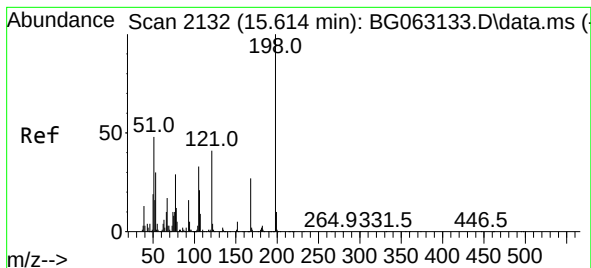
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2406  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:188 Resp: 698517  
Ion Ratio Lower Upper  
188 100  
94 5.9 4.8 7.2  
80 7.7 5.9 8.9





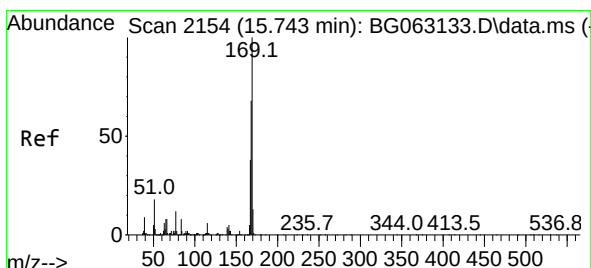
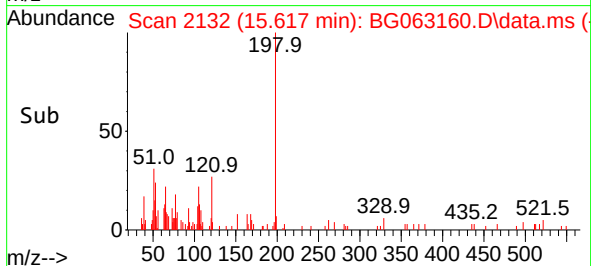
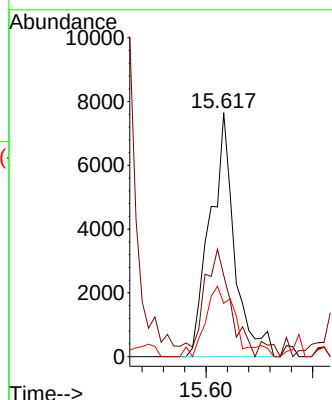
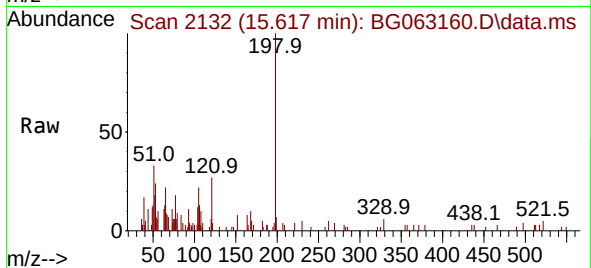
#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.700 ng  
RT: 15.617 min Scan# 2132  
Delta R.T. 0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:198 Resp: 1212  
Ion Ratio Lower Upper  
198 100  
51 33.3 30.3 70.3  
105 21.9 13.6 53.6

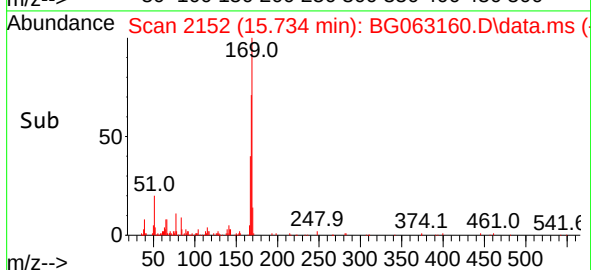
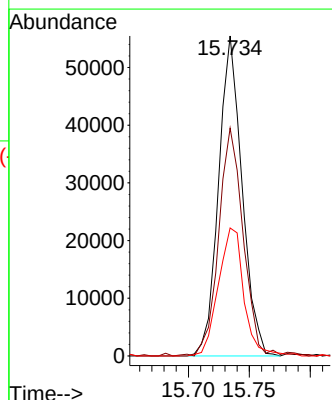
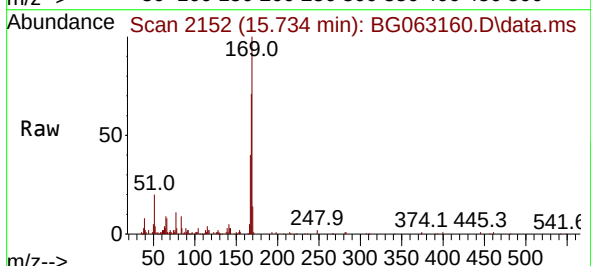
Manual Integrations  
APPROVED

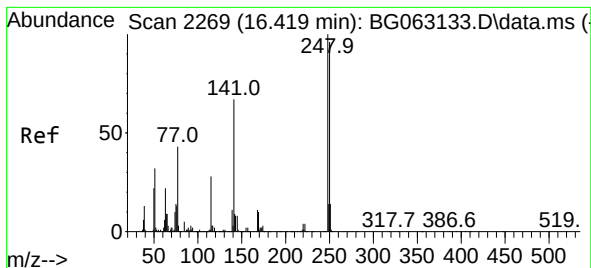
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#66  
n-Nitrosodiphenylamine  
Concen: 4.259 ng  
RT: 15.734 min Scan# 2152  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:169 Resp: 74225  
Ion Ratio Lower Upper  
169 100  
168 71.2 54.8 82.2  
167 40.0 30.2 45.4





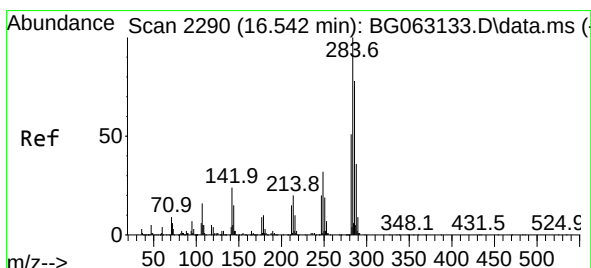
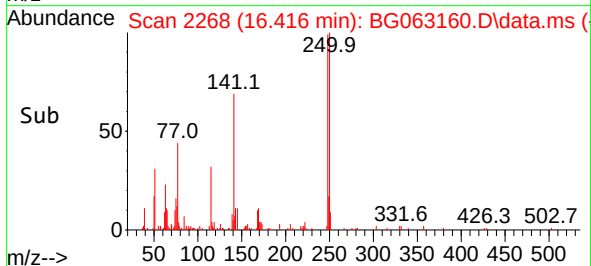
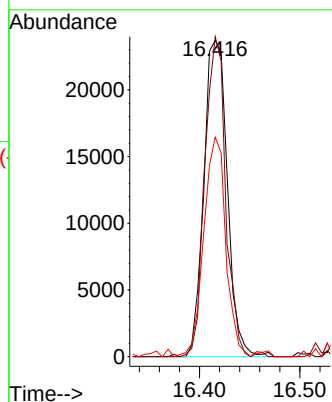
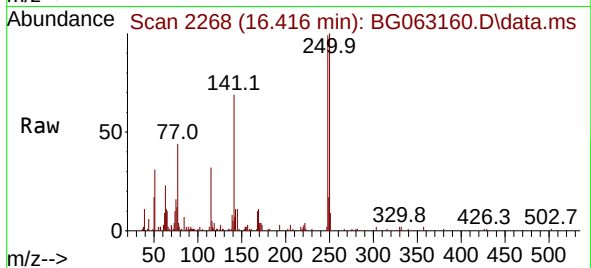
#67  
4-Bromophenyl-phenylether  
Concen: 4.505 ng  
RT: 16.416 min Scan# 2268  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:248 Resp: 3856  
Ion Ratio Lower Upper  
248 100  
250 101.1 76.6 115.0  
141 69.4 53.9 80.9

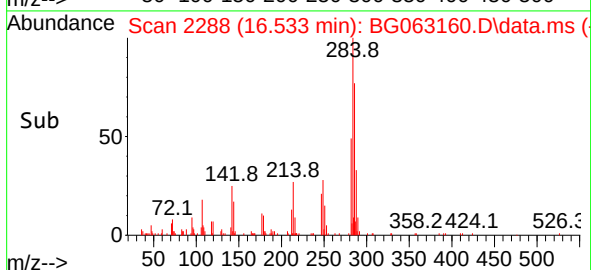
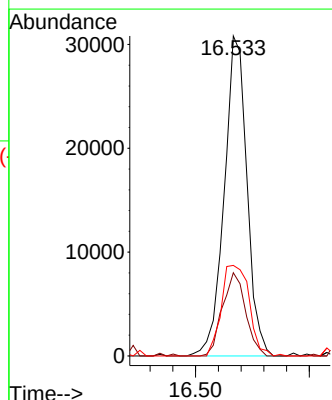
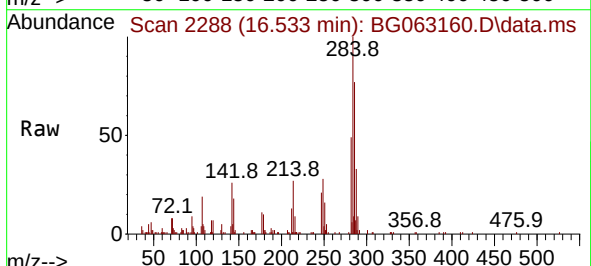
Manual Integrations  
APPROVED

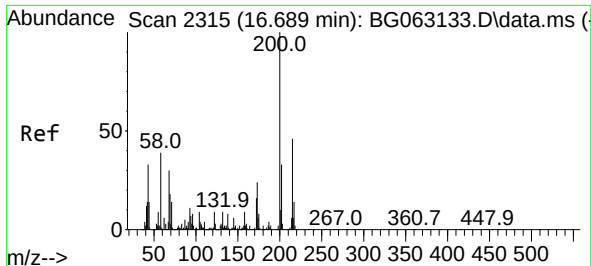
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#68  
Hexachlorobenzene  
Concen: 4.306 ng  
RT: 16.533 min Scan# 2288  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

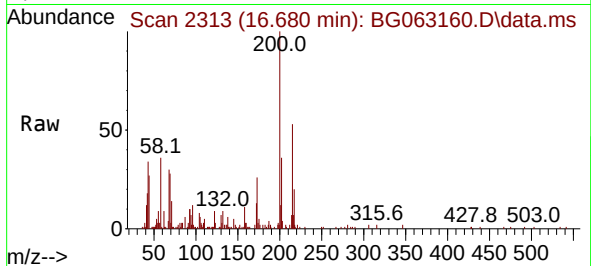
Tgt Ion:284 Resp: 42700  
Ion Ratio Lower Upper  
284 100  
142 26.0 19.0 28.6  
249 28.3 25.8 38.8





#69  
Atrazine  
Concen: 3.992 ng  
RT: 16.680 min Scan# 2198  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

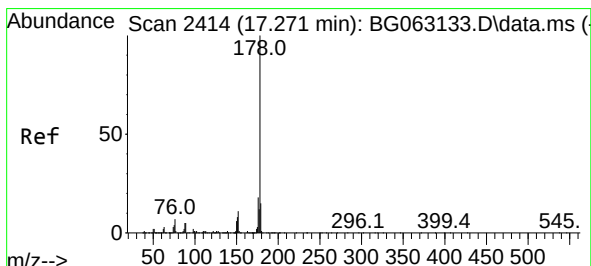
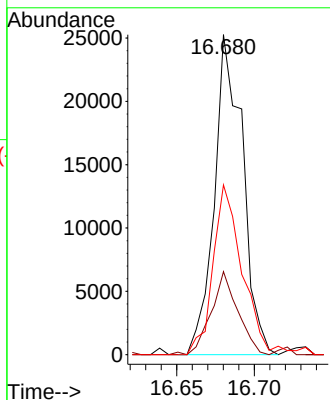
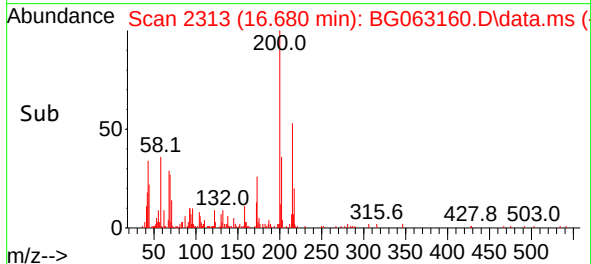
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:200 Resp: 3198  
Ion Ratio Lower Upper  
200 100  
173 25.9 3.6 43.6  
215 53.1 25.8 65.8

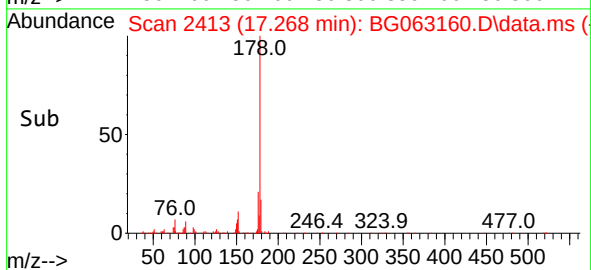
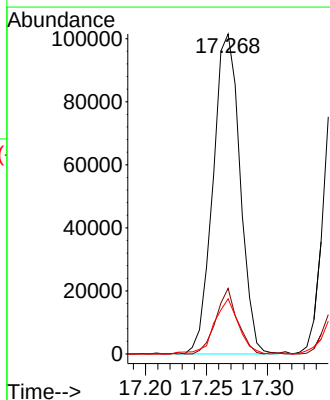
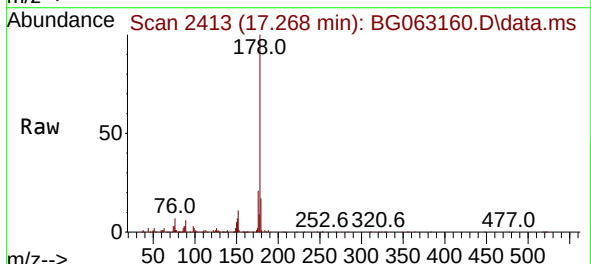
Manual Integrations  
APPROVED

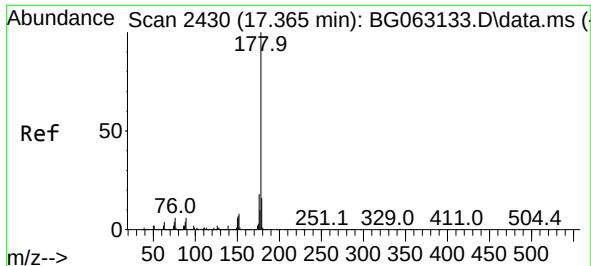
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#71  
Phenanthrene  
Concen: 4.627 ng  
RT: 17.268 min Scan# 2413  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

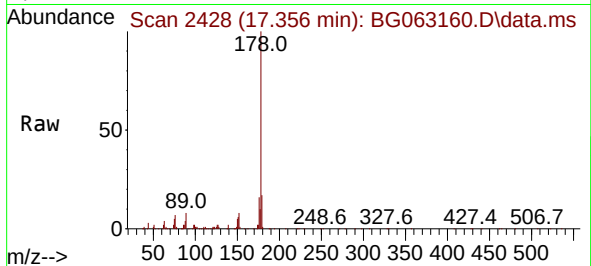
Tgt Ion:178 Resp: 156670  
Ion Ratio Lower Upper  
178 100  
176 20.5 14.6 22.0  
179 17.2 12.3 18.5





#72  
 Anthracene  
 Concen: 4.693 ng  
 RT: 17.356 min Scan# 2430  
 Delta R.T. -0.009 min  
 Lab File: BG063160.D  
 Acq: 4 Nov 2024 18:11

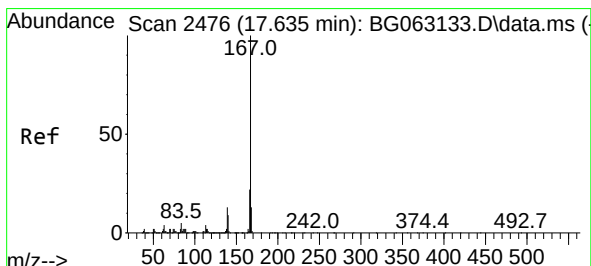
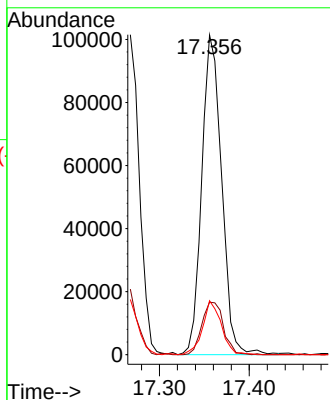
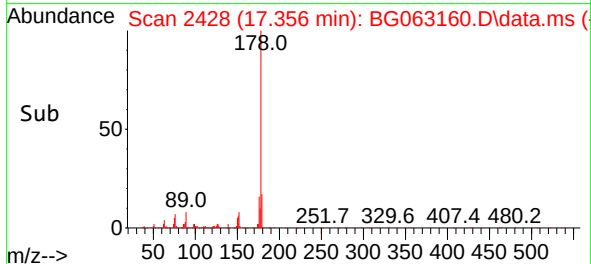
Instrument : BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion:178 Resp: 155979  
 Ion Ratio Lower Upper  
 178 100  
 176 16.4 14.6 22.0  
 179 16.9 12.4 18.6

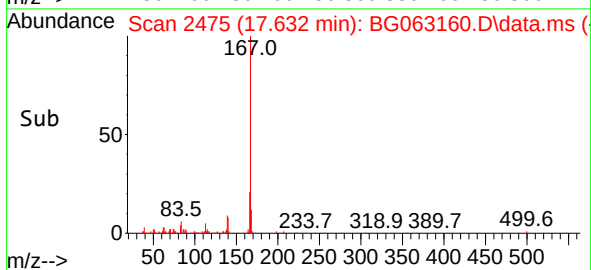
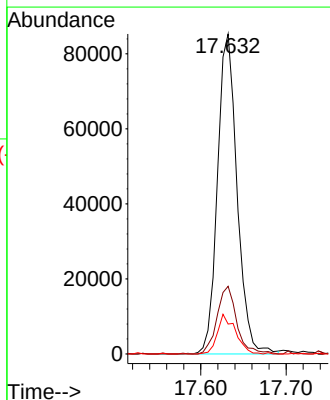
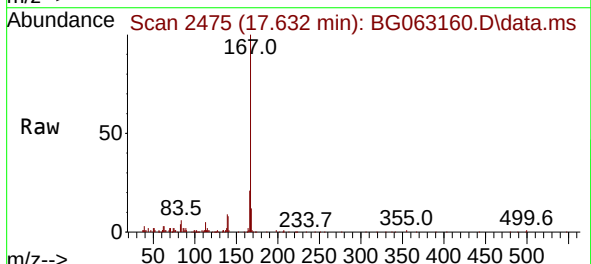
Manual Integrations  
 APPROVED

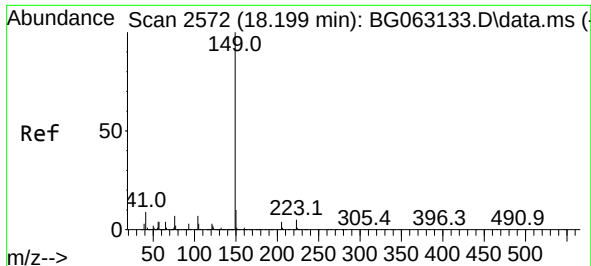
Reviewed By :Jagrut Upadhyay 11/05/2024  
 Supervised By :mohammad ahmed 11/06/2024



#73  
 Carbazole  
 Concen: 4.354 ng  
 RT: 17.632 min Scan# 2475  
 Delta R.T. -0.003 min  
 Lab File: BG063160.D  
 Acq: 4 Nov 2024 18:11

Tgt Ion:167 Resp: 136220  
 Ion Ratio Lower Upper  
 167 100  
 166 21.2 17.4 26.2  
 139 9.4 10.3 15.5#





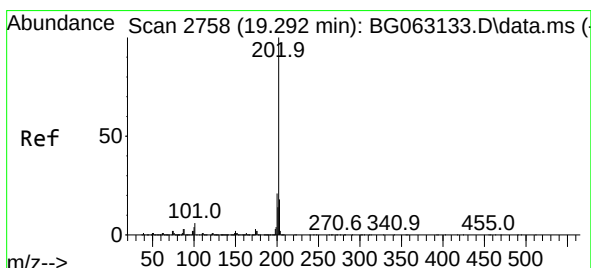
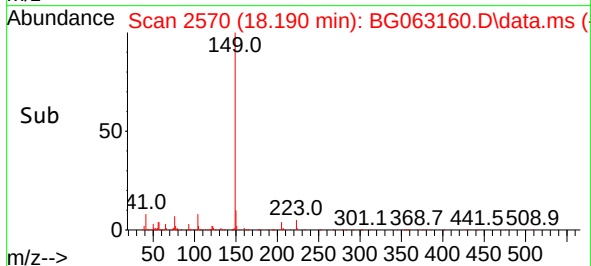
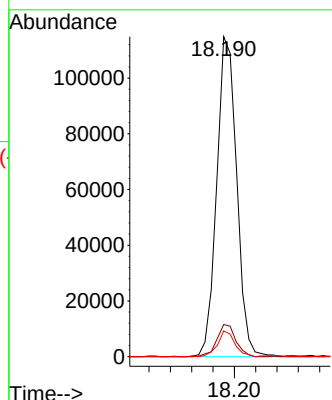
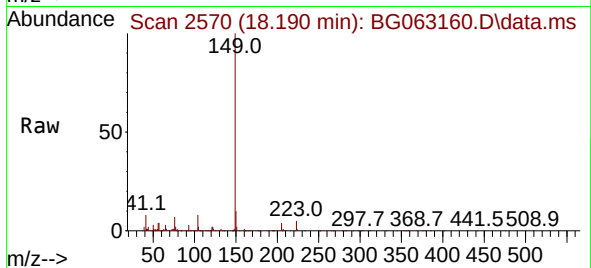
#74  
Di-n-butylphthalate  
Concen: 4.199 ng  
RT: 18.190 min Scan# 2570  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:149 Resp: 149174  
Ion Ratio Lower Upper  
149 100  
150 10.0 7.8 11.8  
104 8.0 5.4 8.0

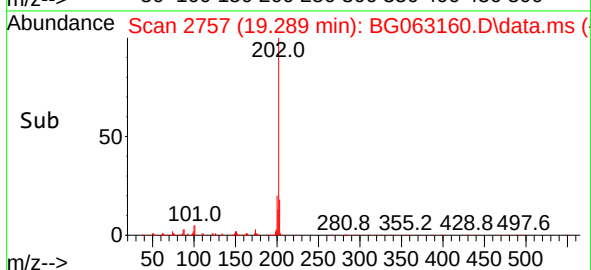
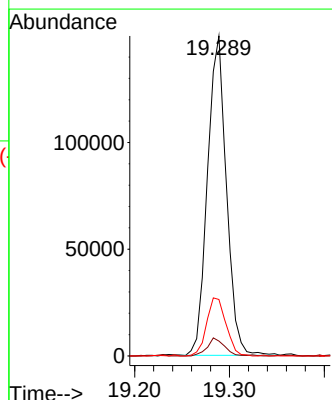
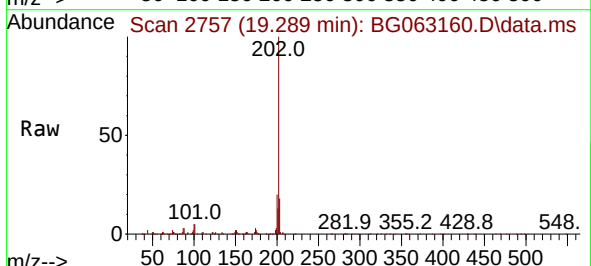
Manual Integrations  
APPROVED

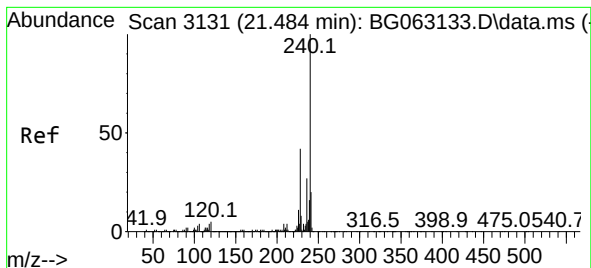
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#75  
Fluoranthene  
Concen: 4.338 ng  
RT: 19.289 min Scan# 2757  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:202 Resp: 207951  
Ion Ratio Lower Upper  
202 100  
101 4.7 0.0 25.8  
203 17.6 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.474 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG063160.D

Acq: 4 Nov 2024 18:11

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:240 Resp: 83968

Ion Ratio Lower Upper

240 100

120 4.4 3.9 5.9

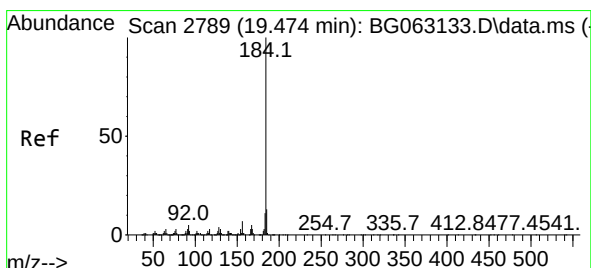
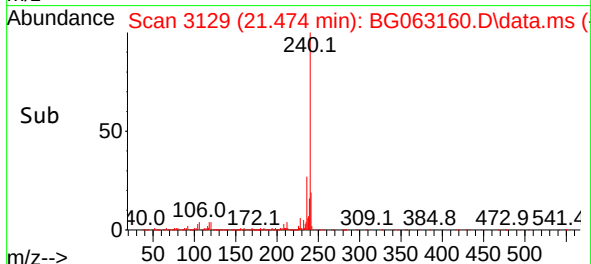
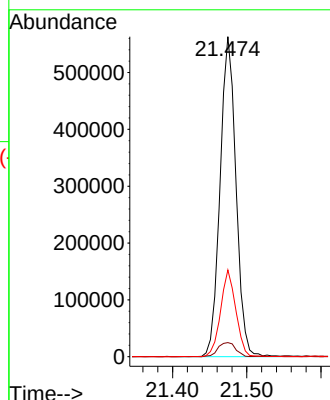
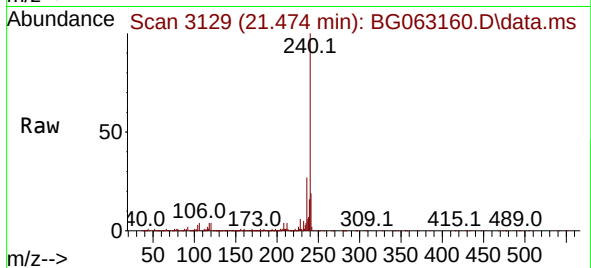
236 27.1 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024

Supervised By :mohammad ahmed 11/06/2024



#77

Benzidine

Concen: 8.069 ng

RT: 19.471 min Scan# 2788

Delta R.T. -0.003 min

Lab File: BG063160.D

Acq: 4 Nov 2024 18:11

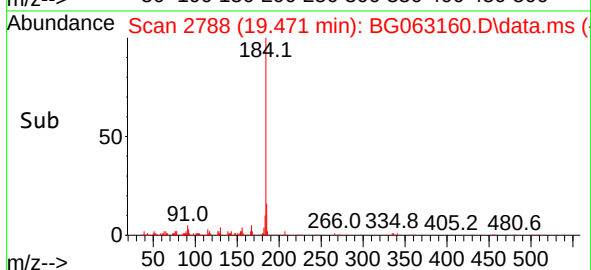
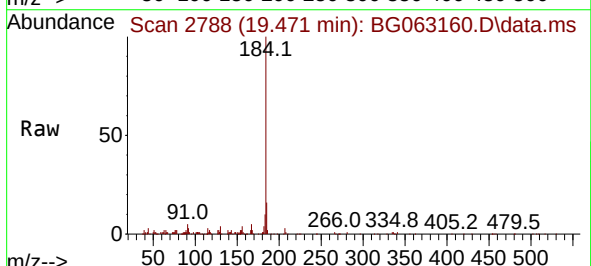
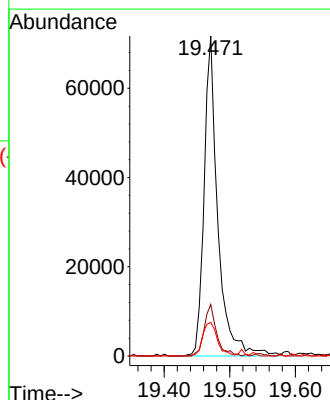
Tgt Ion:184 Resp: 104387

Ion Ratio Lower Upper

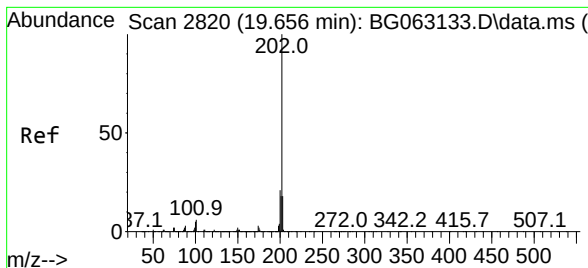
184 100

185 16.1 10.6 16.0#

183 10.4 8.6 12.8







#78

Pyrene

Concen: 4.431 ng

RT: 19.647 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG063160.D

Acq: 4 Nov 2024 18:11

Instrument :

BNA\_G

ClientSampleId :

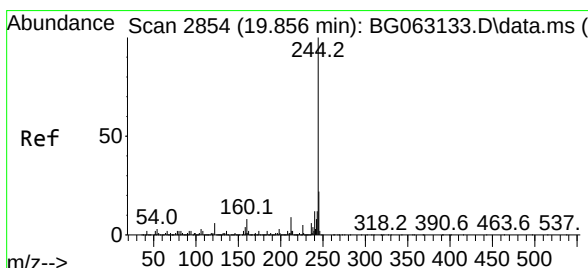
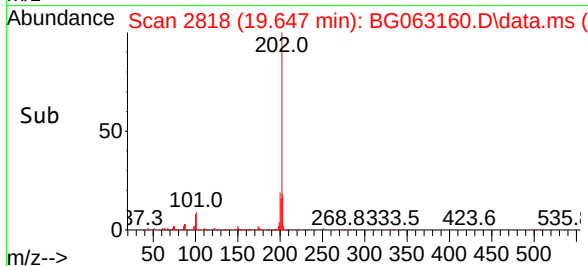
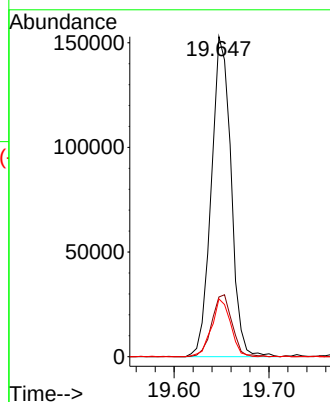
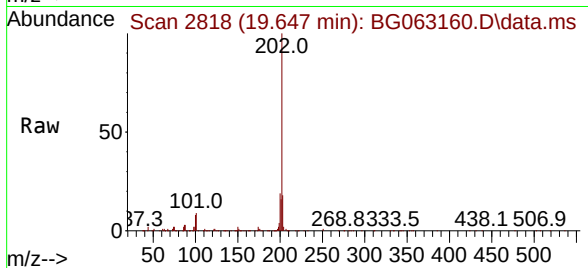
LOD-MDL-WATER-01-QT4-2024

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 22057 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 18.6  | 16.7  | 25.1  |
| 203       | 18.1  | 14.2  | 21.2  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#79

Terphenyl-d14

Concen: 84.402 ng

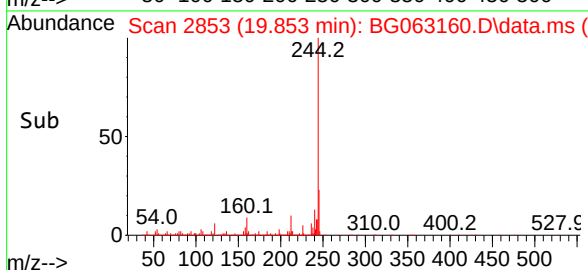
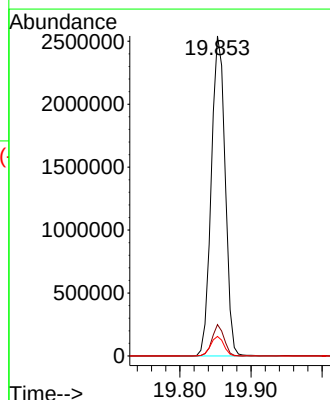
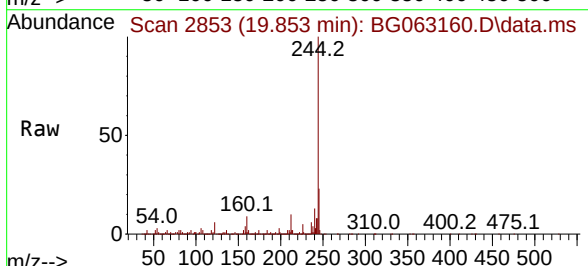
RT: 19.853 min Scan# 2853

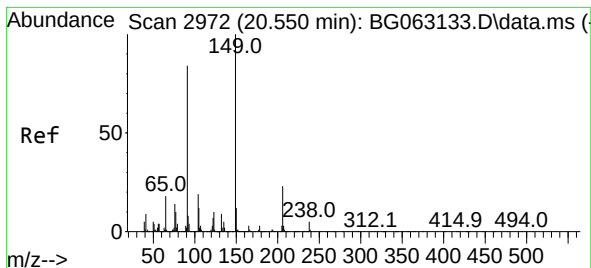
Delta R.T. -0.003 min

Lab File: BG063160.D

Acq: 4 Nov 2024 18:11

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 3443936 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 9.8   | 7.3   | 10.9    |
| 122       | 6.1   | 4.8   | 7.2     |





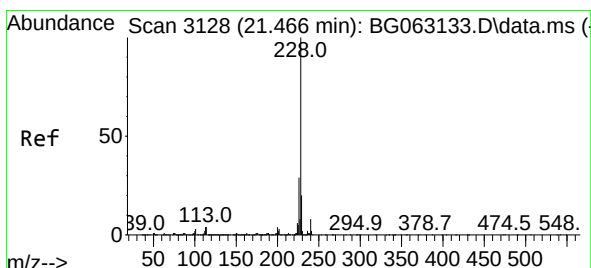
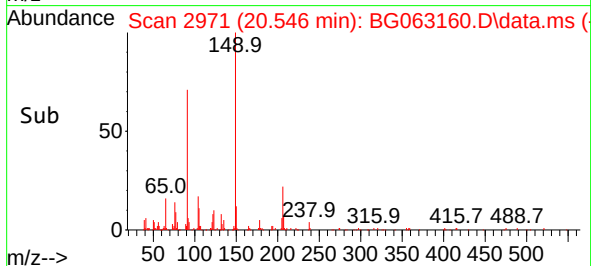
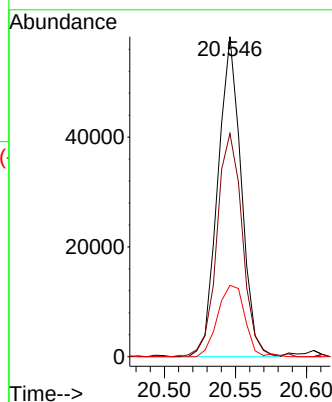
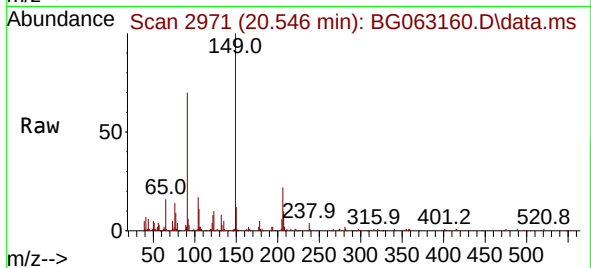
#80  
Butylbenzylphthalate  
Concen: 4.150 ng  
RT: 20.546 min Scan# 2971  
Delta R.T. -0.003 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:149 Resp: 6655  
Ion Ratio Lower Upper  
149 100  
91 69.7 67.3 100.9  
206 22.3 18.8 28.2

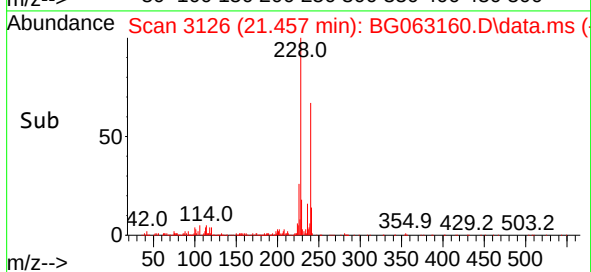
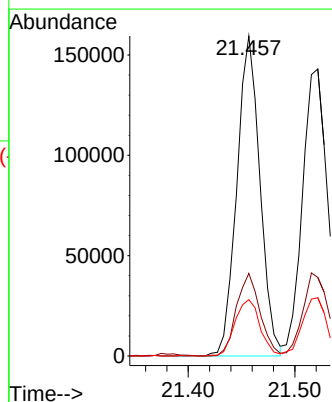
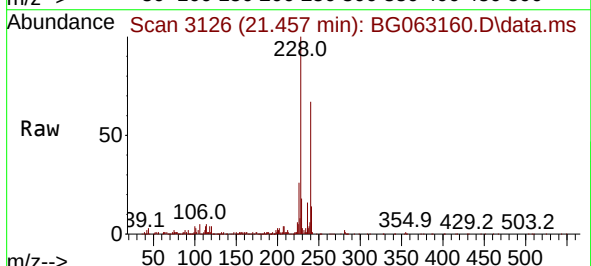
Manual Integrations  
APPROVED

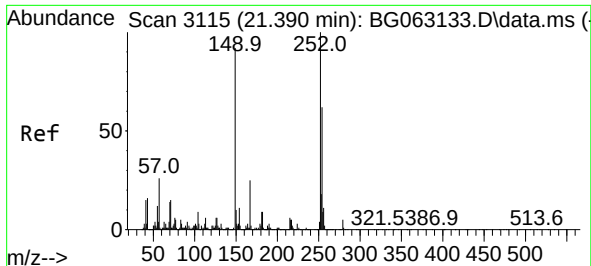
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#81  
Benzo(a)anthracene  
Concen: 4.543 ng  
RT: 21.457 min Scan# 3126  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

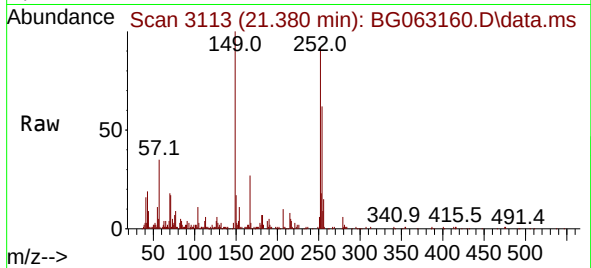
Tgt Ion:228 Resp: 240205  
Ion Ratio Lower Upper  
228 100  
226 25.8 23.5 35.3  
229 17.6 16.2 24.2





#82  
3,3'-Dichlorobenzidine  
Concen: 4.456 ng  
RT: 21.380 min Scan# 3115  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

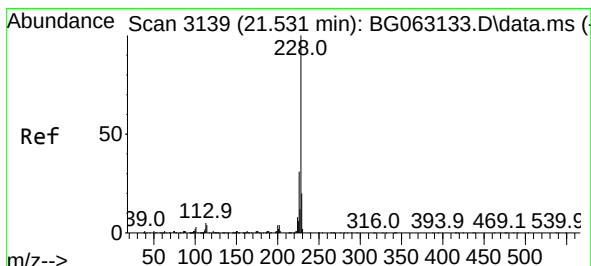
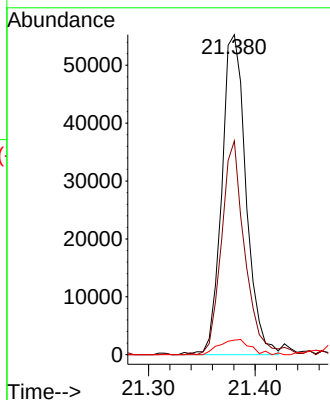
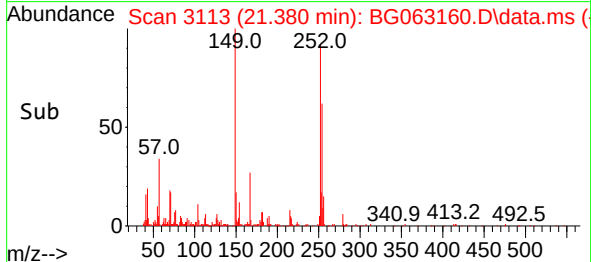
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:252 Resp: 8735  
Ion Ratio Lower Upper  
252 100  
254 66.8 49.4 74.2  
126 4.6 4.8 7.2

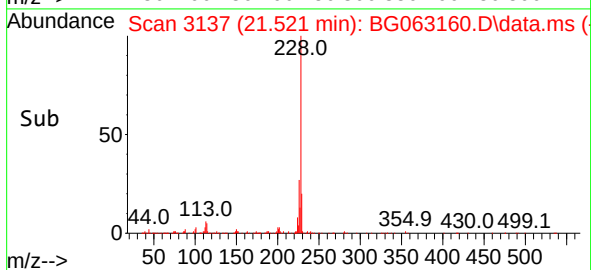
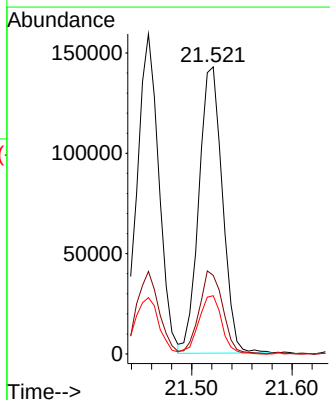
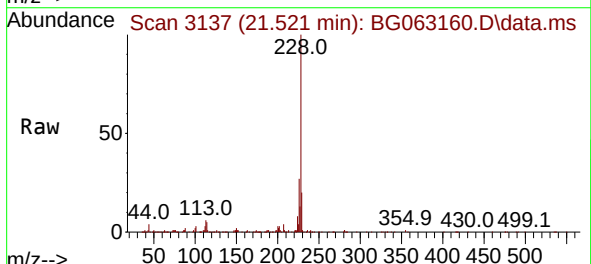
Manual Integrations  
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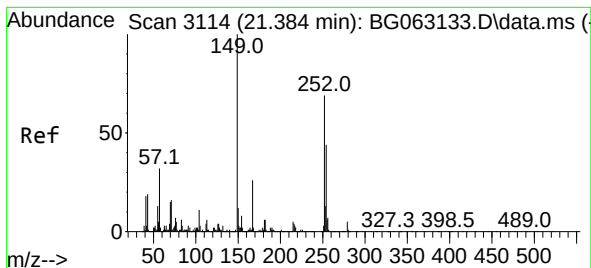
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#83  
Chrysene  
Concen: 4.688 ng  
RT: 21.521 min Scan# 3137  
Delta R.T. -0.009 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:228 Resp: 232846  
Ion Ratio Lower Upper  
228 100  
226 27.4 24.8 37.2  
229 20.3 15.8 23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.122 ng

RT: 21.375 min Scan# 3114

Delta R.T. -0.009 min

Lab File: BG063160.D

Acq: 4 Nov 2024 18:11

Instrument :

BNA\_G

ClientSampleId :

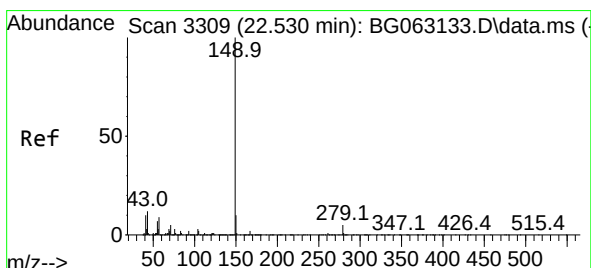
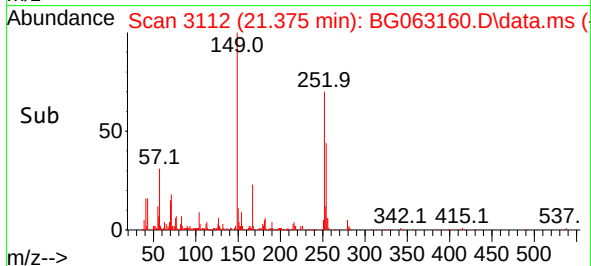
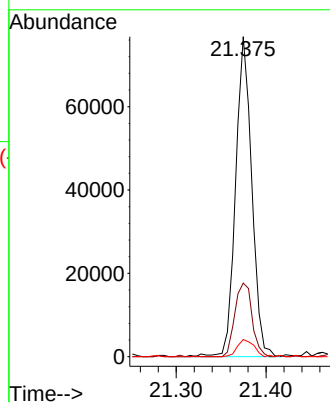
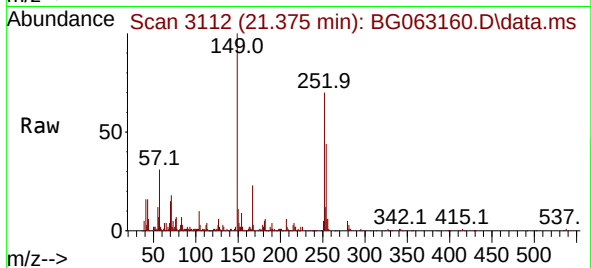
LOD-MDL-WATER-01-QT4-2024

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 9590 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 23.0  | 20.6  | 31.0 |
| 279       | 5.4   | 4.3   | 6.5  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#85

Di-n-octyl phthalate

Concen: 4.014 ng

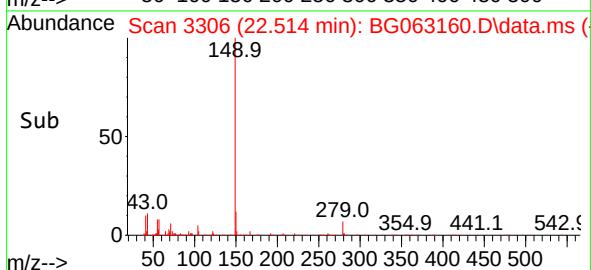
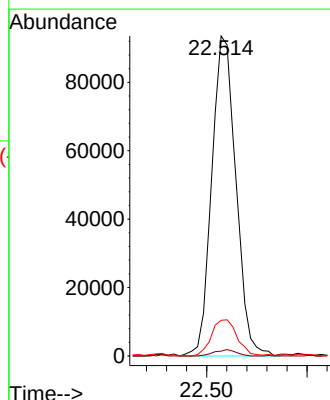
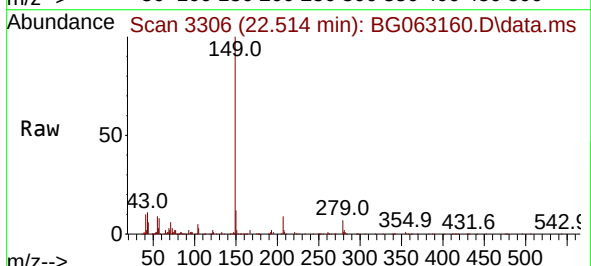
RT: 22.514 min Scan# 3306

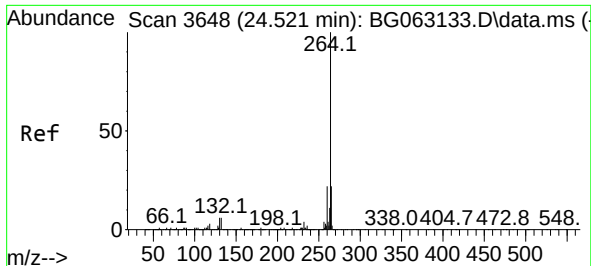
Delta R.T. -0.015 min

Lab File: BG063160.D

Acq: 4 Nov 2024 18:11

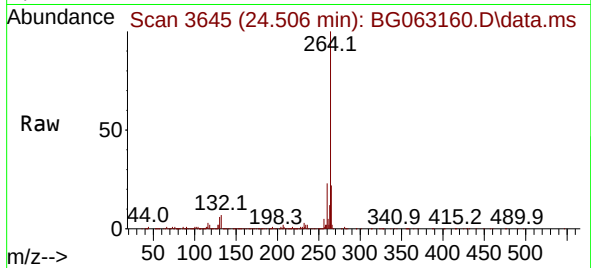
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 156238 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.0    |
| 43        | 12.2  | 9.8   | 14.6   |





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.506 min Scan# 30  
Delta R.T. -0.015 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

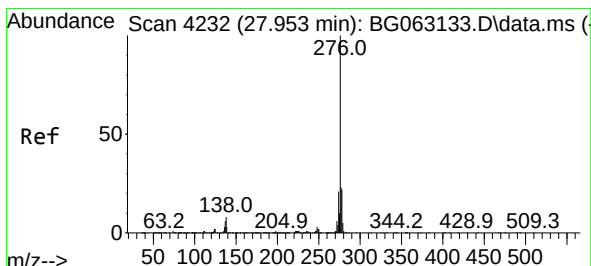
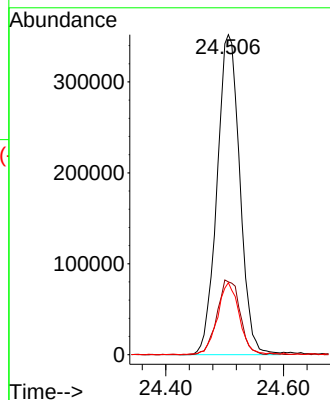
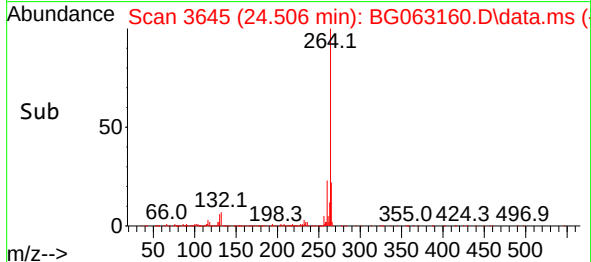
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:264 Resp: 944430  
Ion Ratio Lower Upper  
264 100  
260 22.8 17.4 26.2  
265 22.5 17.4 26.0

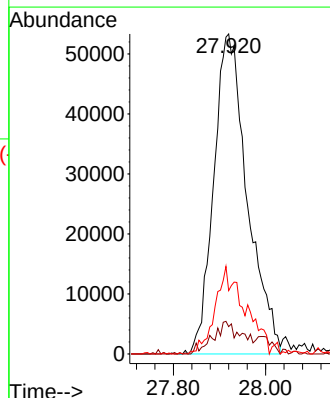
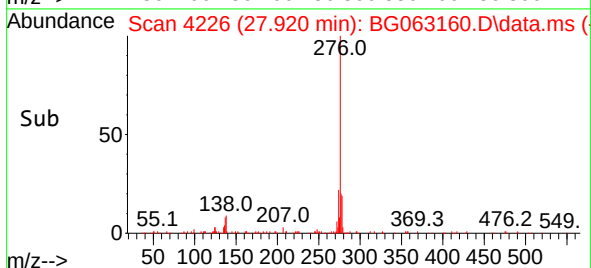
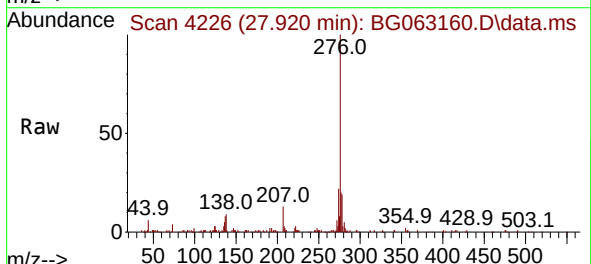
Manual Integrations  
APPROVED

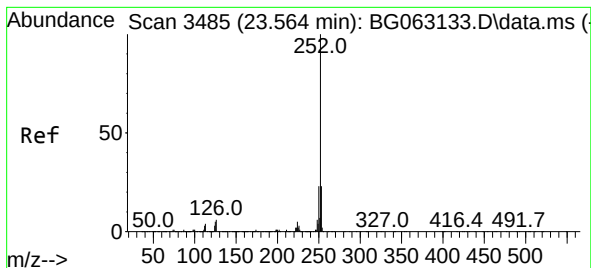
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.246 ng  
RT: 27.920 min Scan# 4226  
Delta R.T. -0.033 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

Tgt Ion:276 Resp: 269157  
Ion Ratio Lower Upper  
276 100  
138 5.4 8.3 12.5#  
277 18.8 19.8 29.8#





#88

Benzo(b)fluoranthene

Concen: 3.996 ng

RT: 23.549 min Scan# 3485

Delta R.T. -0.015 min

Lab File: BG063160.D

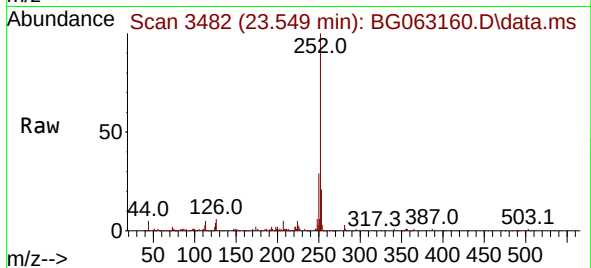
Acq: 4 Nov 2024 18:11

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion:252 Resp: 22001

Ion Ratio Lower Upper

252 100

253 21.0 18.7 28.1

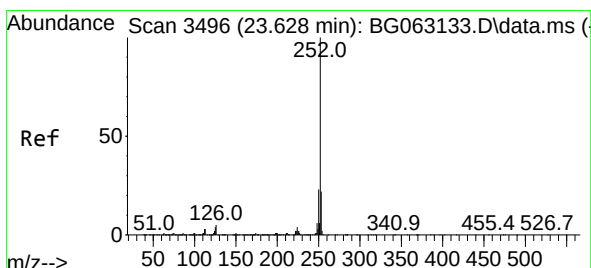
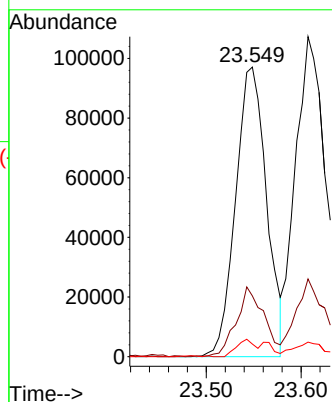
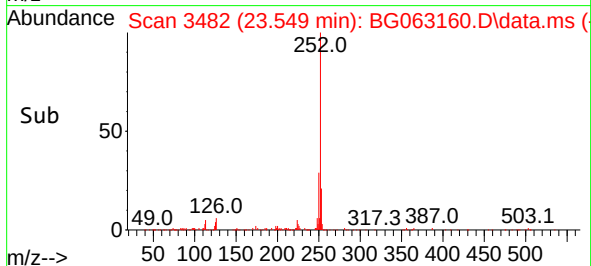
125 4.3 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024

Supervised By :mohammad ahmed 11/06/2024



#89

Benzo(k)fluoranthene

Concen: 4.501 ng

RT: 23.607 min Scan# 3492

Delta R.T. -0.021 min

Lab File: BG063160.D

Acq: 4 Nov 2024 18:11

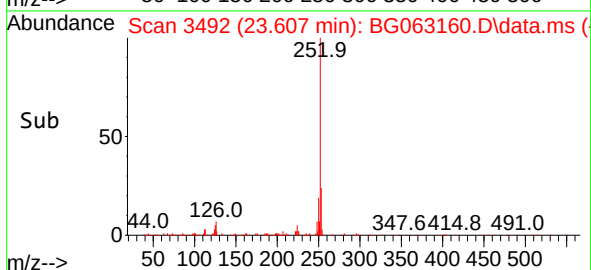
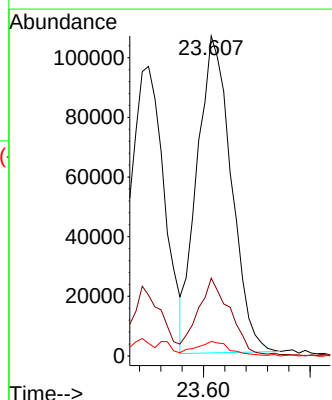
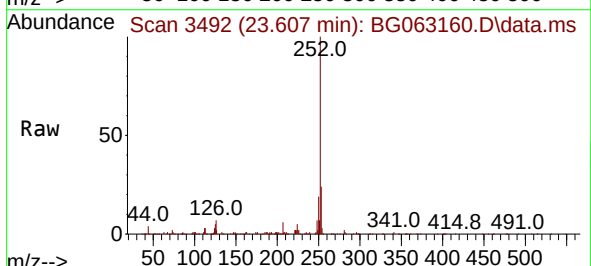
Tgt Ion:252 Resp: 236424

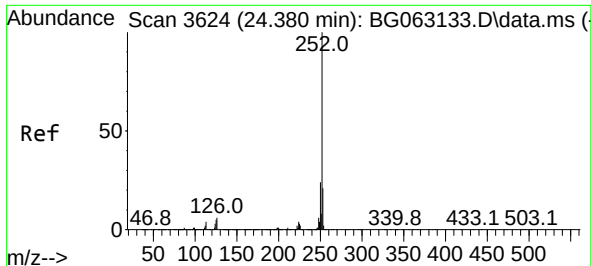
Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.2

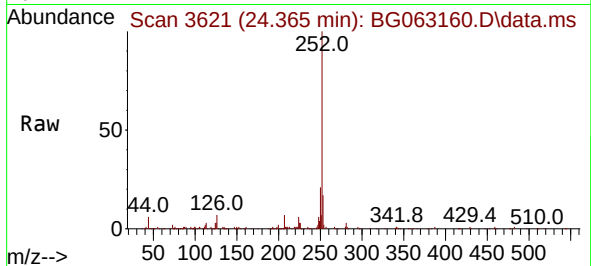
125 4.5 3.0 4.6





#90  
Benzo(a)pyrene  
Concen: 4.561 ng  
RT: 24.365 min Scan# 30  
Delta R.T. -0.015 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11

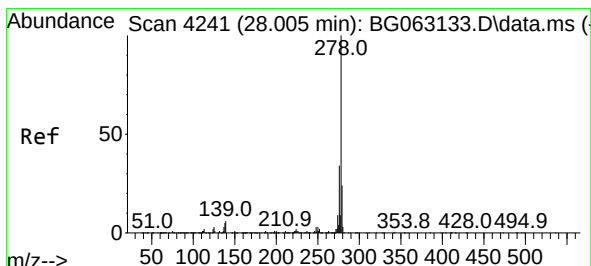
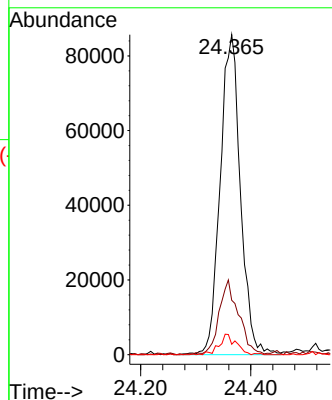
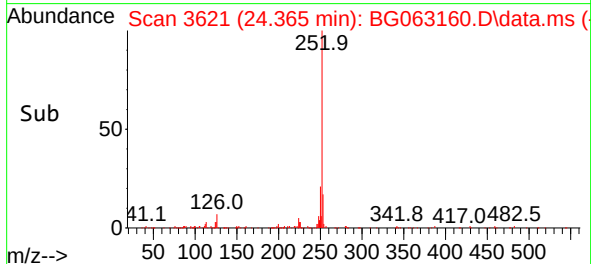
Instrument : BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024



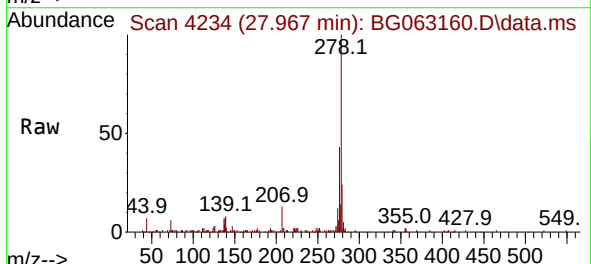
Tgt Ion:252 Resp: 21922  
Ion Ratio Lower Upper  
252 100  
253 17.0 16.9 25.3  
125 3.2 3.7 5.5

Manual Integrations  
APPROVED

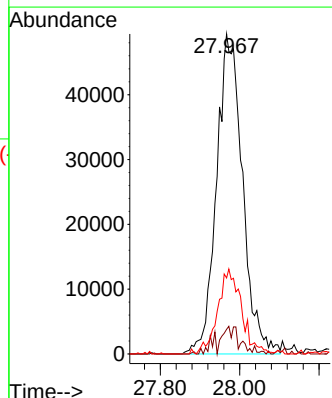
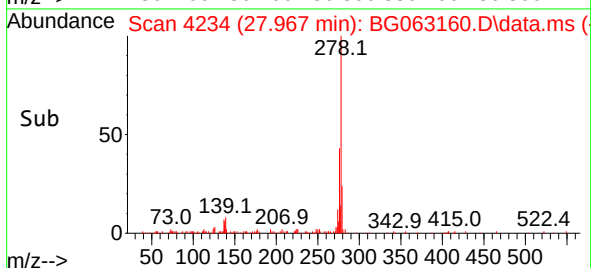
Reviewed By :Jagrut Upadhyay 11/05/2024  
Supervised By :mohammad ahmed 11/06/2024

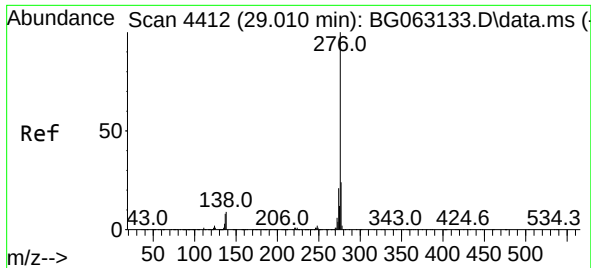


#91  
Dibenzo(a,h)anthracene  
Concen: 4.245 ng  
RT: 27.967 min Scan# 4234  
Delta R.T. -0.039 min  
Lab File: BG063160.D  
Acq: 4 Nov 2024 18:11



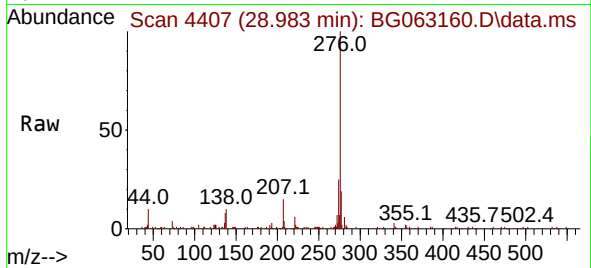
Tgt Ion:278 Resp: 224588  
Ion Ratio Lower Upper  
278 100  
139 7.7 5.0 7.6#  
279 23.7 19.2 28.8





#92  
 Benzo(g,h,i)perylene  
 Concen: 3.933 ng  
 RT: 28.983 min Scan# 44  
 Delta R.T. -0.027 min  
 Lab File: BG063160.D  
 Acq: 4 Nov 2024 18:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2024



Tgt Ion:276 Resp: 205699  
 Ion Ratio Lower Upper  
 276 100  
 277 18.8 19.3 28.9  
 138 10.4 7.0 10.4

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024  
 Supervised By :mohammad ahmed 11/06/2024

