

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032125\  
 Data File : BG064125.D  
 Acq On : 21 Mar 2025 11:26  
 Operator : RC/JU  
 Sample : Q1546-02  
 Misc : MDL-WATER 4 ppm  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-QT1-2025-02

Quant Time: Mar 21 12:56:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031425.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 14 14:37:18 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/24/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.866  | 152  | 33681    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.645 | 136  | 151513   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.488 | 164  | 108854   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.226 | 188  | 248499   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.456 | 240  | 239875   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.470 | 264  | 248523   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.336  | 96   | 3219m    | 3.826  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.741  | 84   | 56093    | 23.208 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.020  | 99   | 75636    | 24.819 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.190  | 67   | 51531    | 26.834 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.390  | 132  | 60897    | 25.040 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.553  | 113  | 61709    | 23.871 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.006  | 128  | 29224    | 25.717 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.728  | 143  | 32109    | 26.904 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.263 | 165  | 59382    | 24.675 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.774 | 131  | 89379    | 26.488 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.894 | 166  | 225350   | 26.378 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.176 | 160  | 253651   | 26.699 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.670 | 143  | 34529    | 24.055 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.475 | 176  | 202895   | 27.552 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.586 | 200  | 28124    | 20.986 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.320 | 188  | 315860   | 25.347 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.611 | 212  | 368490   | 27.844 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.264 | 264  | 365464   | 28.216 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.377  | 88   | 1529m    | 1.605  | ng/uL  |          |
| 5) Pyridine                   | 3.759  | 79   | 10697    | 4.269  | ng/u1# | 74       |
| 6) Benzaldehyde               | 6.996  | 77   | 9642     | 5.382  | ng/u1  | 83       |
| 8) Phenol                     | 7.049  | 94   | 14526    | 4.570  | ng/u1  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.284  | 93   | 12076    | 5.026  | ng/u1  | 93       |
| 12) 2-Chlorophenol            | 7.425  | 128  | 11791    | 4.785  | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.295  | 108  | 10599    | 4.299  | ng/u1  | 92       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.383  | 45   | 26565    | 4.718  | ng/u1  | 97       |
| 16) Acetophenone              | 8.671  | 105  | 19643    | 4.668  | ng/u1  | 91       |
| 17) N-Nitroso-di-n-propyla... | 8.659  | 70   | 10271    | 4.582  | ng/u1  | 93       |
| 18) 4-Methylphenol            | 8.618  | 108  | 12796    | 4.682  | ng/u1  | 88       |
| 19) Hexachloroethane          | 8.941  | 117  | 5237     | 4.871  | ng/u1  | 99       |
| 22) Nitrobenzene              | 9.047  | 77   | 14824    | 4.837  | ng/u1# | 95       |
| 23) Isophorone                | 9.570  | 82   | 26740    | 4.516  | ng/u1  | 95       |
| 25) 2-Nitrophenol             | 9.758  | 139  | 6015     | 4.732  | ng/u1  | 95       |
| 26) 2,4-Dimethylphenol        | 9.822  | 107  | 6908     | 2.405  | ng/u1  | 88       |
| 27) Bis(2-Chloroethoxy)met... | 10.057 | 93   | 15553    | 4.660  | ng/u1# | 92       |
| 29) 2,4-Dichlorophenol        | 10.292 | 162  | 11222    | 4.795  | ng/u1  | 94       |
| 30) Naphthalene               | 10.698 | 128  | 40324    | 4.893  | ng/u1# | 94       |
| 32) 4-Chloroaniline           | 10.804 | 127  | 15352    | 4.710  | ng/u1  | 96       |
| 33) Hexachlorobutadiene       | 10.992 | 225  | 9247     | 5.161  | ng/u1  | 99       |
| 34) Caprolactam               | 11.538 | 113  | 4648m    | 5.156  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.926 | 107  | 13495    | 4.588  | ng/u1# | 97       |
| 36) 2-Methylnaphthalene       | 12.302 | 142  | 28223    | 4.740  | ng/u1  | 96       |

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 Sample : Q1546-02  
 Misc : MDL-WATER 4 ppm  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-QT1-2025-02

Quant Time: Mar 21 12:56:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG031425.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 14 14:37:18 2025  
 Response via : Initial Calibration

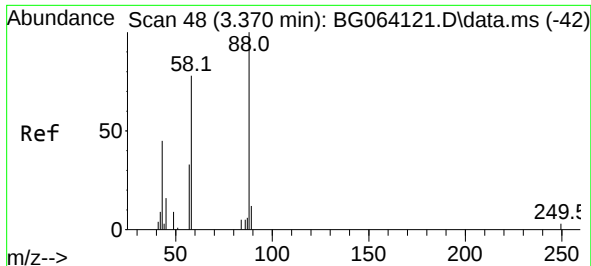
### Manual Integrations APPROVED

Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/24/2025

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.525 | 142  | 26958    | 4.457 | ng/ul# | 86       |
| 39) 1,2,4,5-Tetrachloroben... | 12.678 | 216  | 15824    | 4.817 | ng/ul  | 92       |
| 40) Hexachlorocyclopentadiene | 12.660 | 237  | 8093     | 4.422 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.913 | 196  | 8174     | 3.936 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 12.978 | 196  | 9910     | 4.406 | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.318 | 154  | 40427    | 4.848 | ng/ul# | 98       |
| 44) 2-Chloronaphthalene       | 13.359 | 162  | 28797    | 4.588 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.553 | 65   | 9442     | 4.426 | ng/ul  | 94       |
| 47) Dimethylphthalate         | 13.941 | 163  | 41520    | 5.142 | ng/ul# | 96       |
| 48) 2,6-Dinitrotoluene        | 14.053 | 165  | 8225     | 5.430 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.206 | 152  | 47141    | 4.831 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.376 | 138  | 6523     | 4.265 | ng/ul# | 82       |
| 52) Acenaphthene              | 14.546 | 153  | 36662    | 5.103 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.587 | 184  | 2765     | 3.603 | ng/ul# | 83       |
| 55) 4-Nitrophenol             | 14.681 | 109  | 7461     | 4.583 | ng/ul  | 97       |
| 56) Dibenzofuran              | 14.881 | 168  | 48284    | 4.808 | ng/ul  | 89       |
| 57) 2,4-Dinitrotoluene        | 14.840 | 165  | 9980     | 4.290 | ng/ul  | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.104 | 232  | 9517     | 4.675 | ng/ul  | 95       |
| 59) Diethylphthalate          | 15.304 | 149  | 41271    | 4.750 | ng/ul  | 98       |
| 61) Fluorene                  | 15.533 | 166  | 42325    | 5.159 | ng/ul  | 97       |
| 62) 4-Chlorophenyl-phenyle... | 15.528 | 204  | 20991    | 5.158 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.539 | 138  | 6079     | 3.803 | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.604 | 198  | 7350     | 5.125 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 15.739 | 169  | 35383    | 4.864 | ng/ul  | 94       |
| 68) 4-Bromophenyl-phenylether | 16.421 | 248  | 14130    | 5.192 | ng/ul  | 92       |
| 69) Hexachlorobenzene         | 16.532 | 284  | 15521    | 5.101 | ng/ul  | 96       |
| 70) Atrazine                  | 16.691 | 200  | 16041    | 5.546 | ng/ul  | 88       |
| 71) Pentachlorophenol         | 16.873 | 266  | 7599     | 4.173 | ng/ul  | 94       |
| 72) Phenanthrene              | 17.267 | 178  | 68469    | 4.929 | ng/ul  | 99       |
| 74) Anthracene                | 17.355 | 178  | 67730    | 4.764 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.277 | 216  | 15506    | 4.490 | ng/ul  | 90       |
| 76) Pentachlorobenzene        | 14.805 | 250  | 16478    | 4.568 | ng/ul  | 87       |
| 77) Carbazole                 | 17.625 | 167  | 57971    | 4.702 | ng/ul  | 97       |
| 78) Di-n-butylphthalate       | 18.195 | 149  | 70905    | 4.497 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.276 | 202  | 77717    | 4.957 | ng/ul# | 95       |
| 82) Pyrene                    | 19.640 | 202  | 84955    | 5.109 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.539 | 149  | 29017    | 4.383 | ng/ul# | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.362 | 252  | 27874    | 5.890 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.438 | 228  | 81349    | 4.894 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.374 | 149  | 47704    | 4.802 | ng/ul  | 99       |
| 87) Chrysene                  | 21.497 | 228  | 79089    | 5.005 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.519 | 149  | 77734    | 4.775 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.512 | 252  | 76497    | 4.983 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.583 | 252  | 78156    | 4.991 | ng/ul  | 96       |
| 93) Benzo(a)pyrene            | 24.329 | 252  | 73066    | 5.041 | ng/ul  | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.854 | 276  | 87741    | 4.836 | ng/ul  | 95       |
| 95) Dibenzo(a,h)anthracene    | 27.913 | 278  | 72489    | 5.016 | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 28.912 | 276  | 67422    | 4.793 | ng/ul  | 97       |

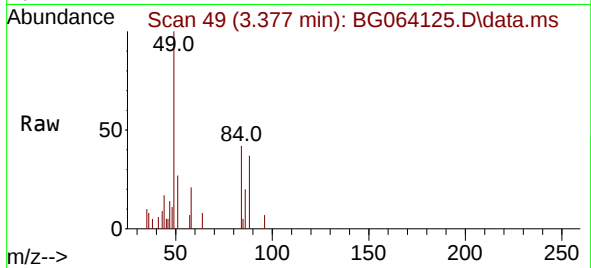
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
 1,4-Dioxane  
 Concen: 1.605 ng/uL m  
 RT: 3.377 min Scan# 48  
 Delta R.T. 0.007 min  
 Lab File: BG064125.D  
 Acq: 21 Mar 2025 11:26

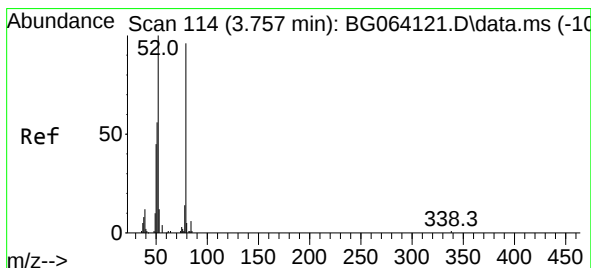
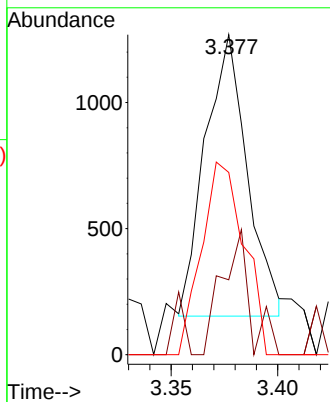
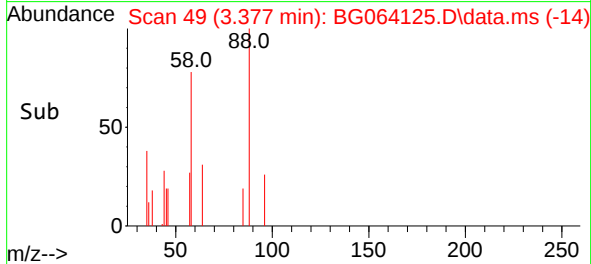
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-QT1-2025-02



Tgt Ion: 88 Resp: 1529  
 Ion Ratio Lower Upper  
 88 100  
 43 23.4 38.4 57.6  
 58 57.0 71.7 107.5

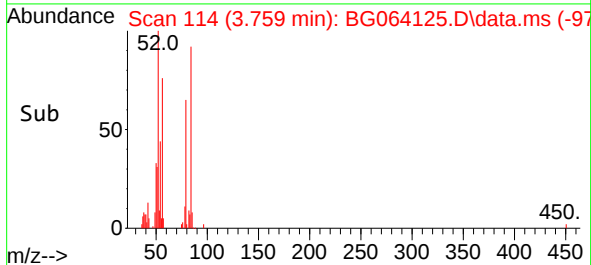
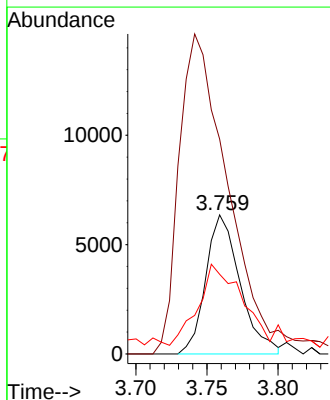
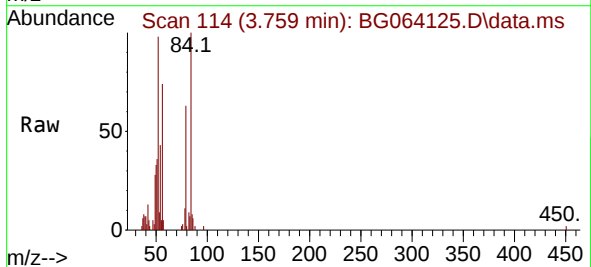
Manual Integrations  
 APPROVED

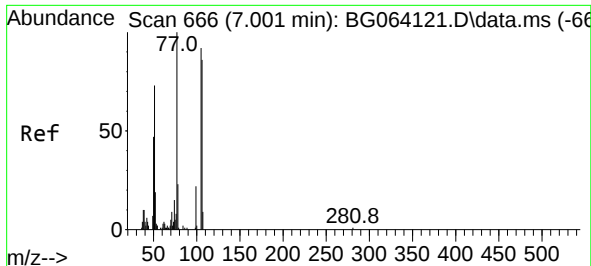
Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/24/2025



#5  
 Pyridine  
 Concen: 4.269 ng/uL  
 RT: 3.759 min Scan# 114  
 Delta R.T. 0.002 min  
 Lab File: BG064125.D  
 Acq: 21 Mar 2025 11:26

Tgt Ion: 79 Resp: 10697  
 Ion Ratio Lower Upper  
 79 100  
 52 154.6 91.0 136.4  
 51 57.3 45.4 68.0





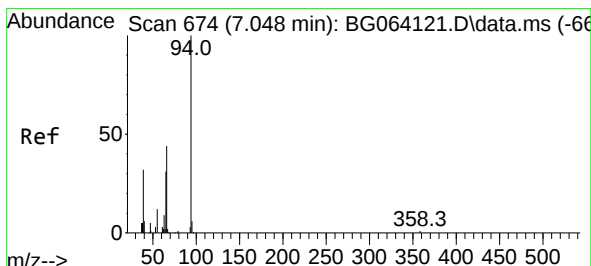
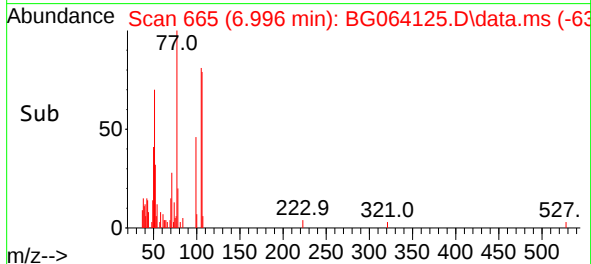
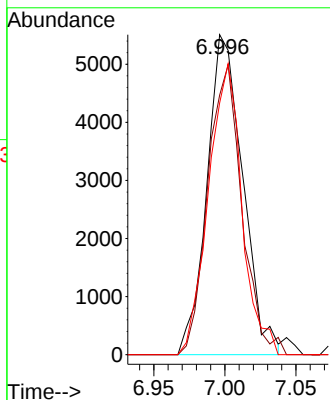
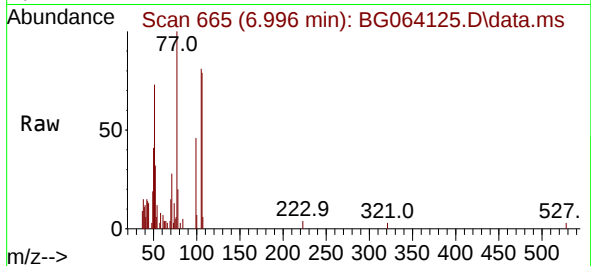
#6  
Benzaldehyde  
Concen: 5.382 ng/ul  
RT: 6.996 min Scan# 665  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 964   |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 81.1  | 78.6  | 117.8 |
| 106       | 78.7  | 75.8  | 113.6 |

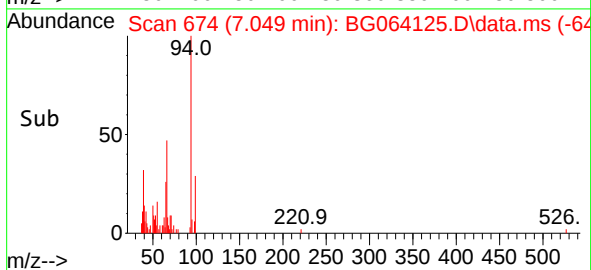
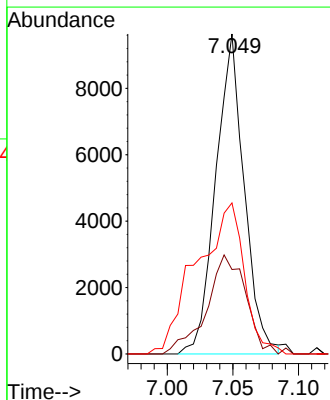
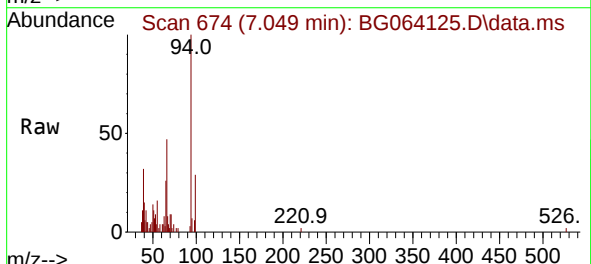
Manual Integrations  
APPROVED

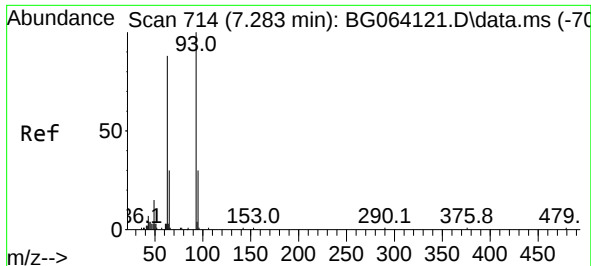
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#8  
Phenol  
Concen: 4.570 ng/ul  
RT: 7.049 min Scan# 674  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

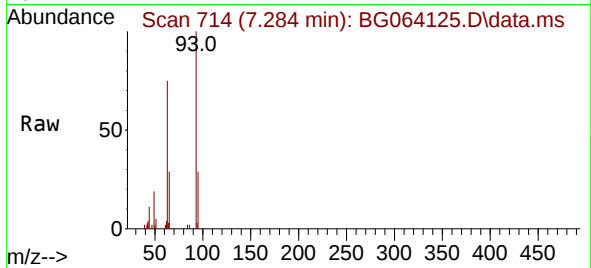
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 14526 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 26.4  | 25.0  | 37.6  |
| 66        | 47.2  | 37.6  | 56.4  |





#10  
Bis(2-Chloroethyl)ether  
Concen: 5.026 ng/ul  
RT: 7.284 min Scan# 714  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

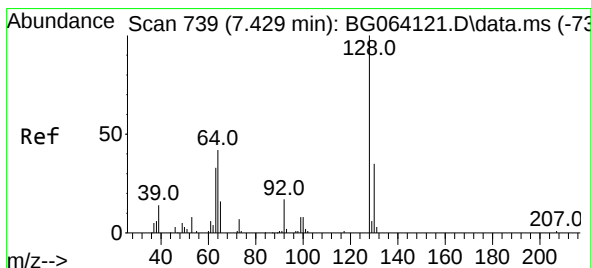
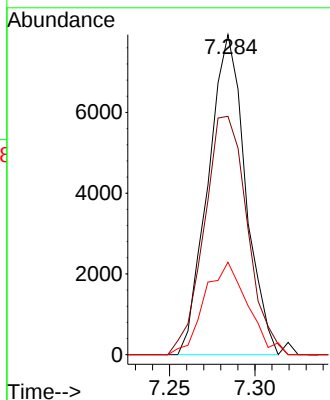
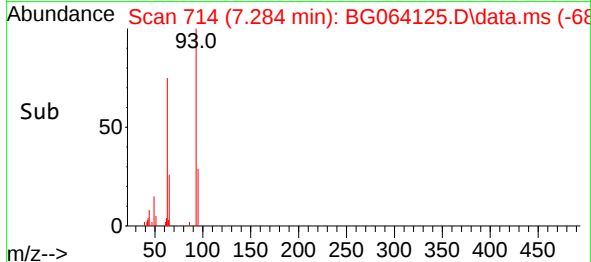
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion: 93 Resp: 12070  
Ion Ratio Lower Upper  
93 100  
63 74.5 66.2 99.2  
95 28.9 23.5 35.3

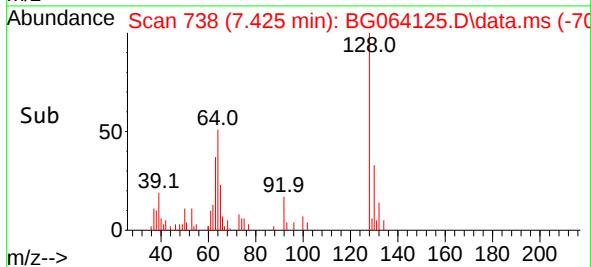
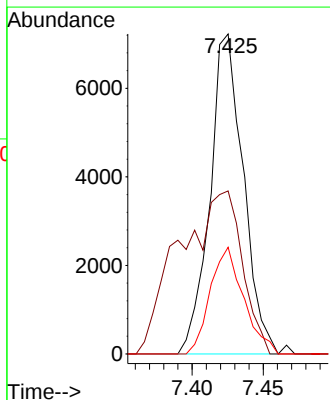
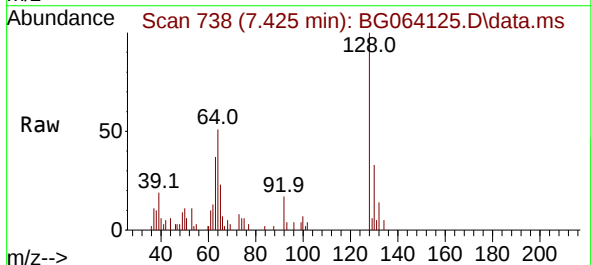
Manual Integrations  
APPROVED

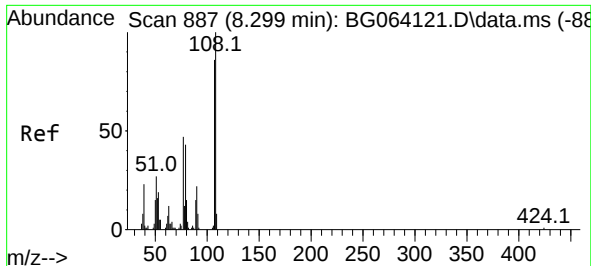
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#12  
2-Chlorophenol  
Concen: 4.785 ng/ul  
RT: 7.425 min Scan# 738  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

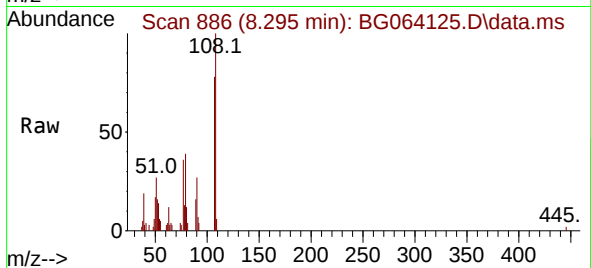
Tgt Ion:128 Resp: 11791  
Ion Ratio Lower Upper  
128 100  
64 50.9 41.8 62.6  
130 33.4 25.8 38.8





#13  
2-Methylphenol  
Concen: 4.299 ng/ul  
RT: 8.295 min Scan# 887  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

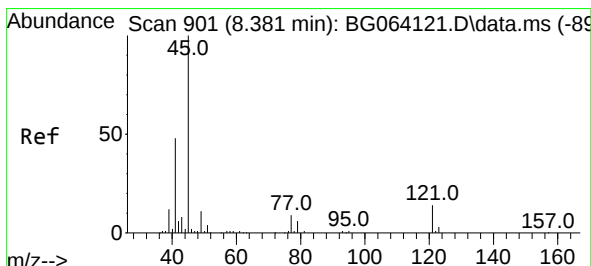
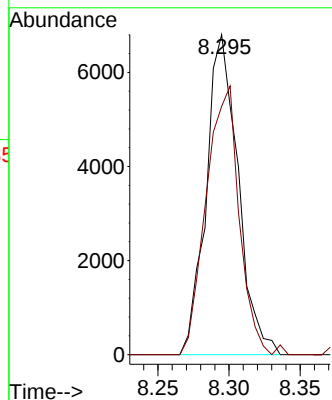
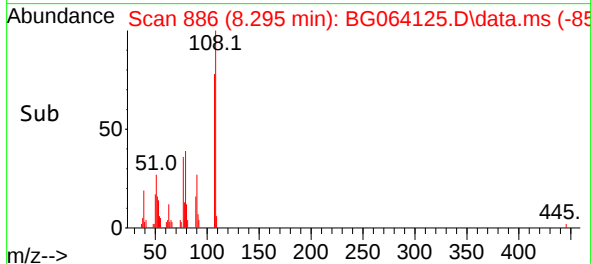
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02



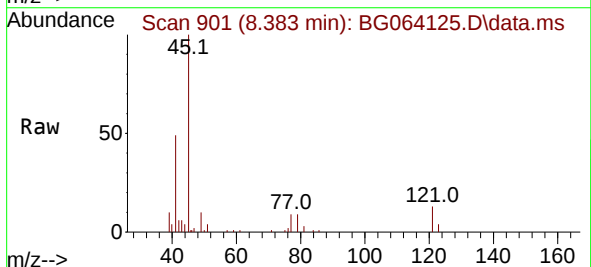
Tgt Ion:108 Resp: 10599  
Ion Ratio Lower Upper  
108 100  
107 77.6 67.6 101.4

Manual Integrations  
APPROVED

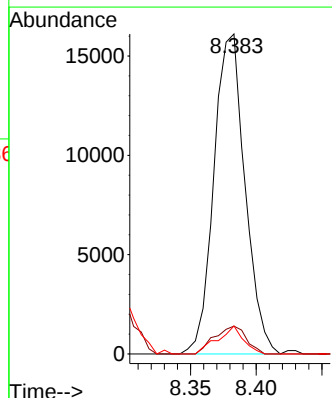
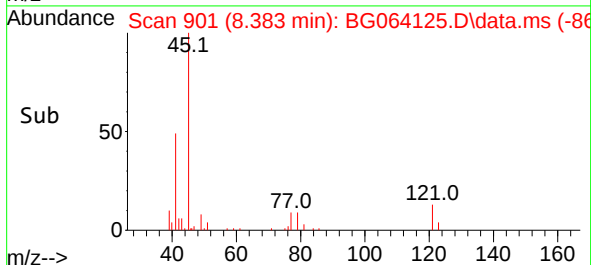
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025

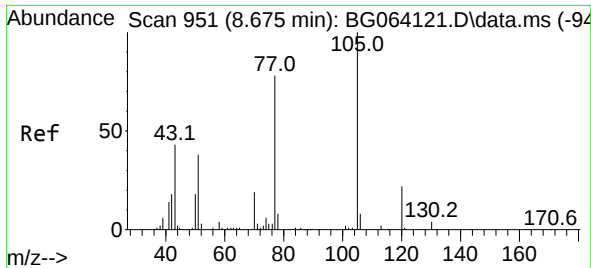


#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.718 ng/ul  
RT: 8.383 min Scan# 901  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26



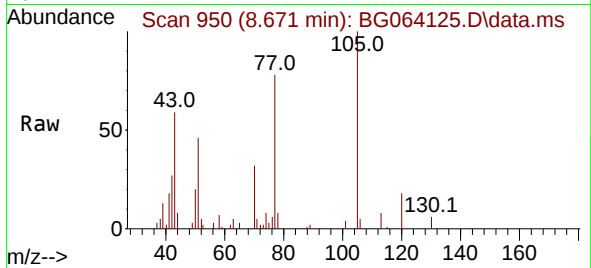
Tgt Ion: 45 Resp: 26565  
Ion Ratio Lower Upper  
45 100  
77 8.7 7.8 11.6  
79 8.7 5.9 8.9





#16  
Acetophenone  
Concen: 4.668 ng/ul  
RT: 8.671 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

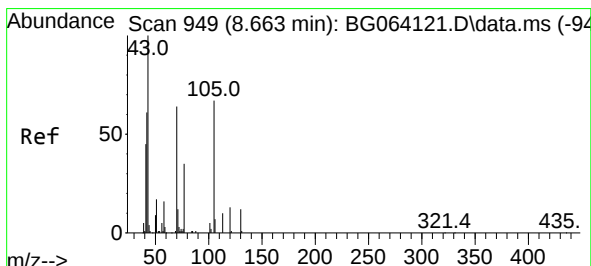
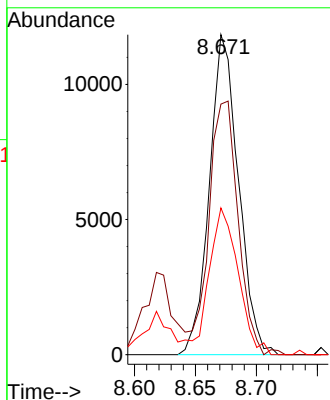
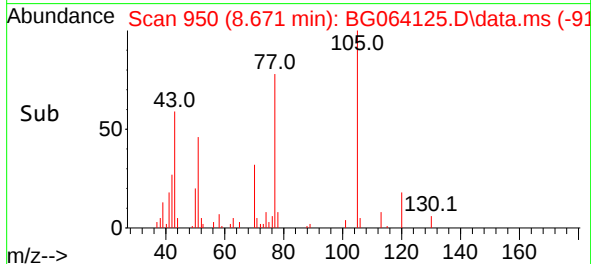
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:105 Resp: 1964  
Ion Ratio Lower Upper  
105 100  
77 78.3 68.8 103.2  
51 45.8 31.0 46.6

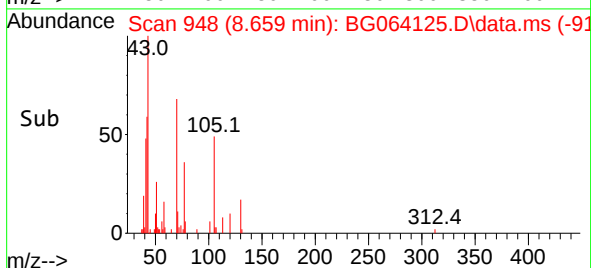
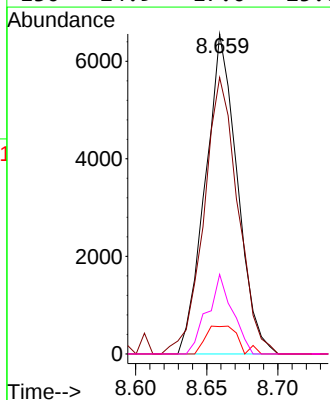
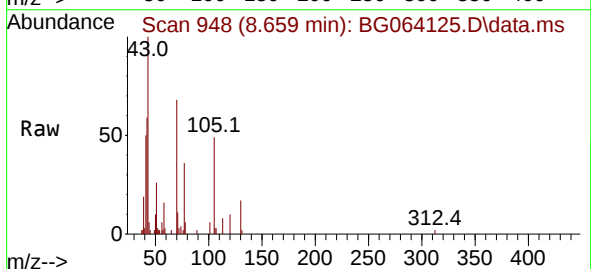
Manual Integrations  
APPROVED

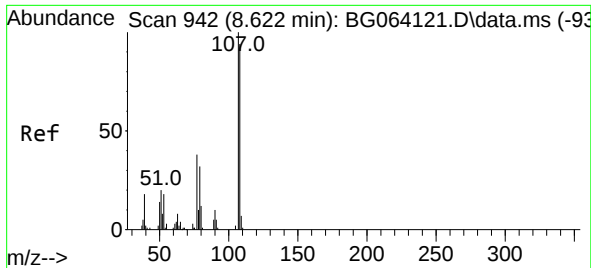
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#17  
N-Nitroso-di-n-propylamine  
Concen: 4.582 ng/ul  
RT: 8.659 min Scan# 948  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

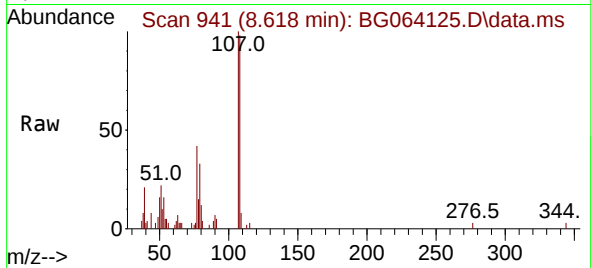
Tgt Ion: 70 Resp: 10271  
Ion Ratio Lower Upper  
70 100  
42 86.4 74.9 112.3  
101 8.6 8.5 12.7  
130 24.9 17.0 25.6





#18  
4-Methylphenol  
Concen: 4.682 ng/ul  
RT: 8.618 min Scan# 941  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

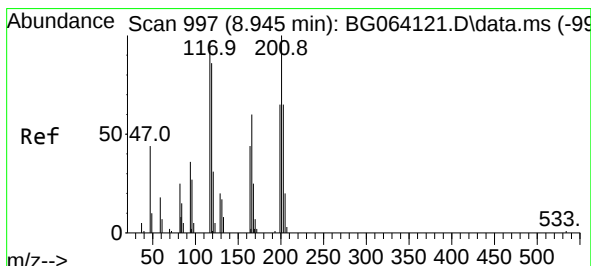
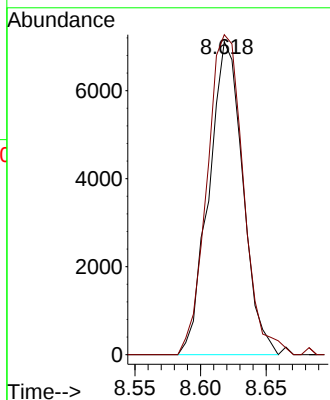
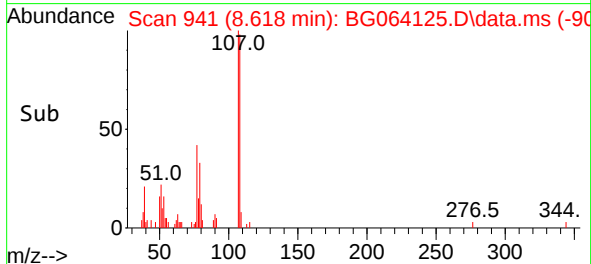
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02



Tgt Ion:108 Resp: 12790  
Ion Ratio Lower Upper  
108 100  
107 102.2 92.4 138.6

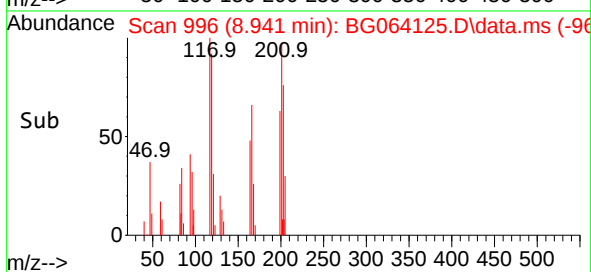
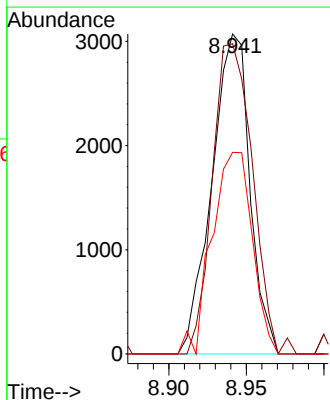
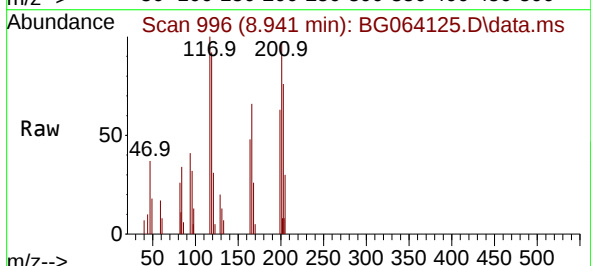
Manual Integrations  
APPROVED

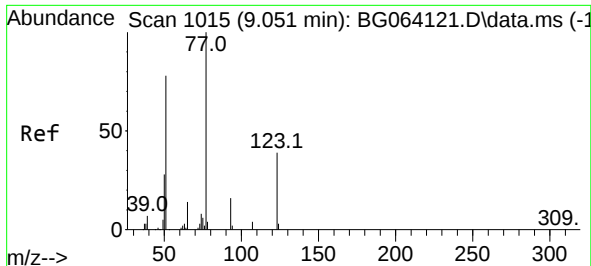
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#19  
Hexachloroethane  
Concen: 4.871 ng/ul  
RT: 8.941 min Scan# 996  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

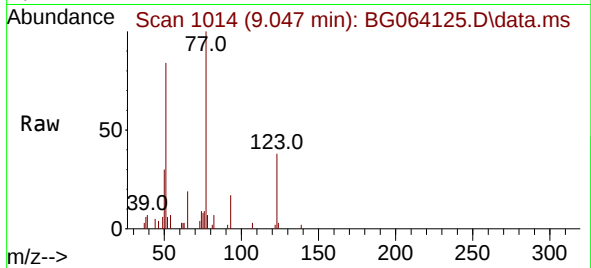
Tgt Ion:117 Resp: 5237  
Ion Ratio Lower Upper  
117 100  
201 97.0 77.4 116.0  
199 63.0 49.0 73.6





#22  
Nitrobenzene  
Concen: 4.837 ng/ul  
RT: 9.047 min Scan# 1103  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

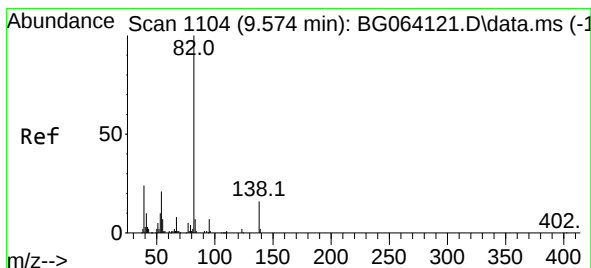
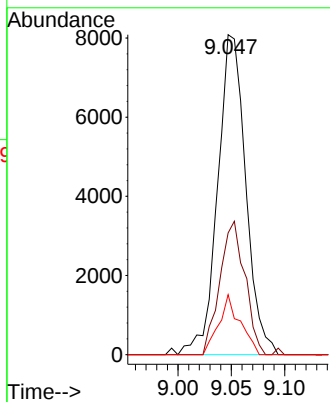
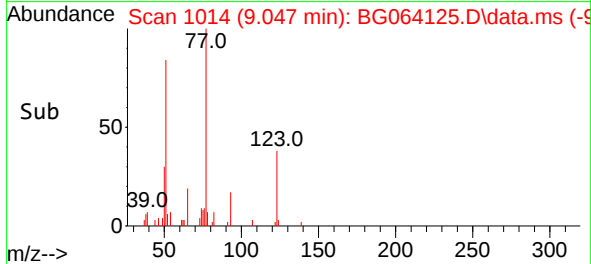
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion: 77 Resp: 14824  
Ion Ratio Lower Upper  
77 100  
123 38.0 29.8 44.8  
65 18.8 9.3 13.9

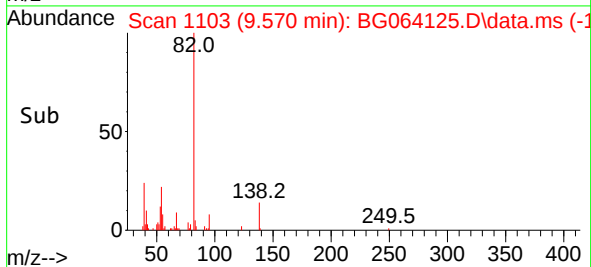
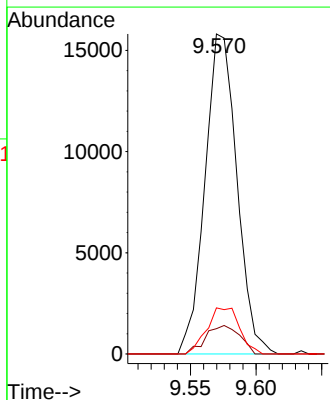
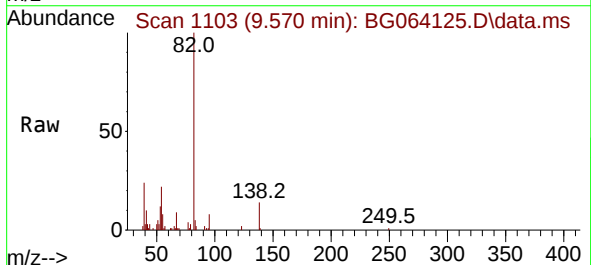
Manual Integrations  
APPROVED

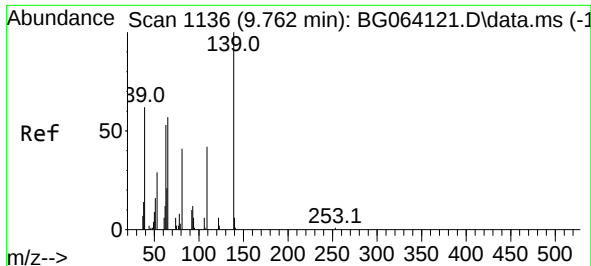
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#23  
Isophorone  
Concen: 4.516 ng/ul  
RT: 9.570 min Scan# 1103  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

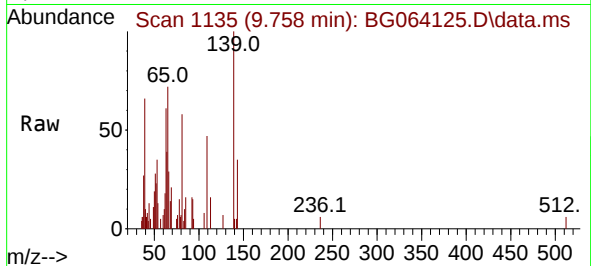
Tgt Ion: 82 Resp: 26740  
Ion Ratio Lower Upper  
82 100  
95 7.9 7.2 10.8  
138 14.4 13.7 20.5





#25  
2-Nitrophenol  
Concen: 4.732 ng/ul  
RT: 9.758 min Scan# 1135  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

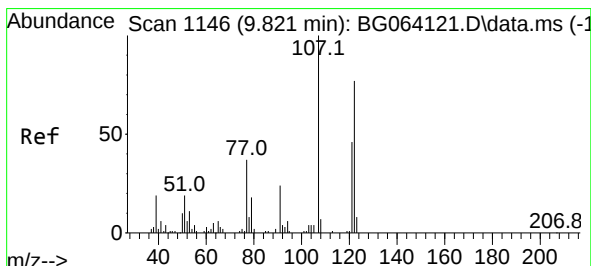
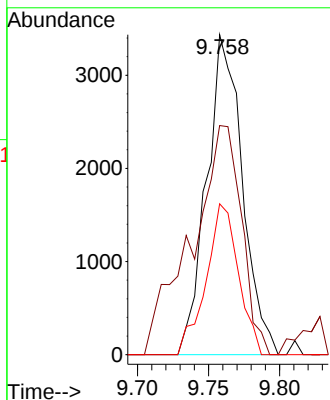
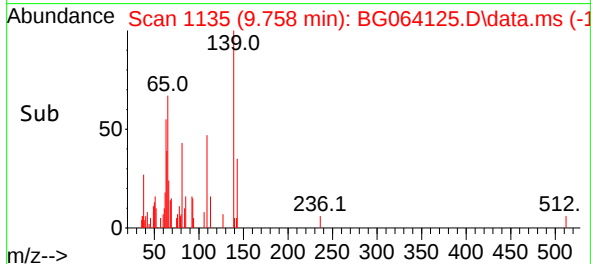
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



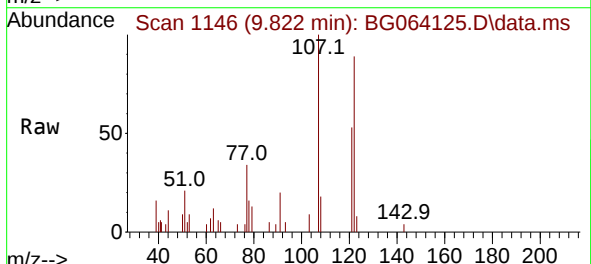
Tgt Ion:139 Resp: 601  
Ion Ratio Lower Upper  
139 100  
65 71.6 57.4 86.0  
109 47.2 43.8 65.6

Manual Integrations  
APPROVED

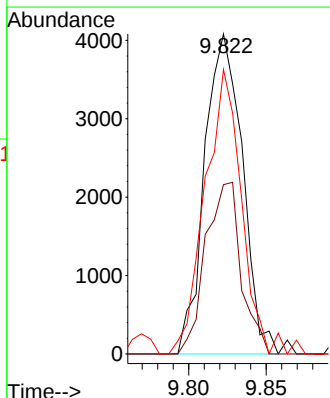
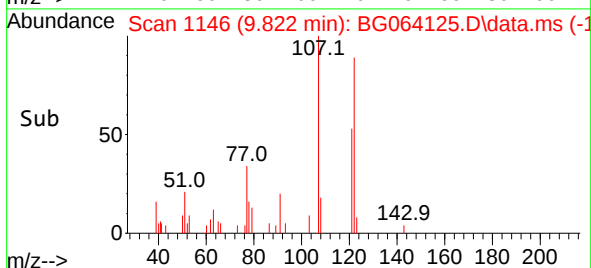
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025

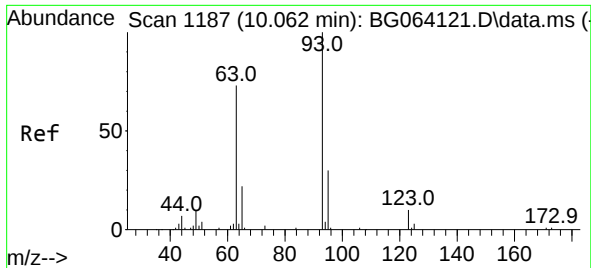


#26  
2,4-Dimethylphenol  
Concen: 2.405 ng/ul  
RT: 9.822 min Scan# 1146  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26



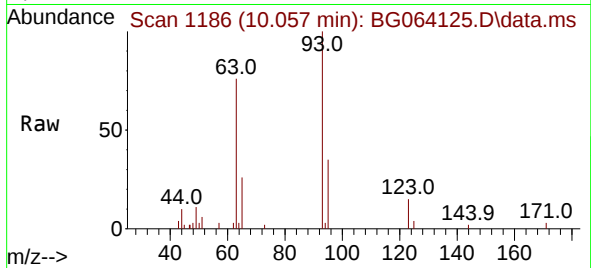
Tgt Ion:107 Resp: 6908  
Ion Ratio Lower Upper  
107 100  
121 52.9 37.0 55.6  
122 88.9 62.1 93.1





#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 4.660 ng/ul  
 RT: 10.057 min Scan# 1186  
 Delta R.T. -0.004 min  
 Lab File: BG064125.D  
 Acq: 21 Mar 2025 11:26

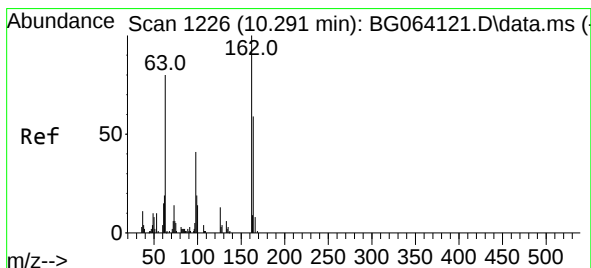
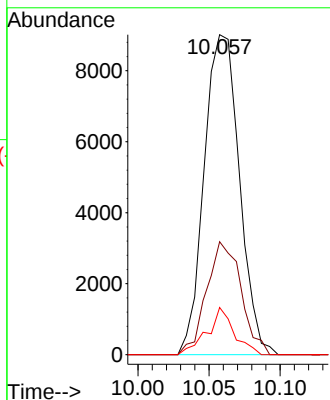
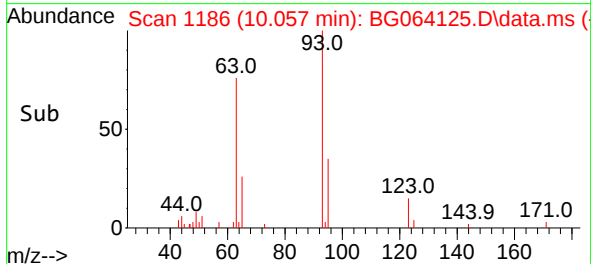
Instrument : BNA\_G  
 ClientSampleId : MDL-WATER-QT1-2025-02



|             |                |
|-------------|----------------|
| Tgt Ion: 93 | Resp: 1555     |
| Ion Ratio   | Lower Upper    |
| 93          | 100            |
| 95          | 35.3 24.9 37.3 |
| 123         | 14.8 9.0 13.6  |

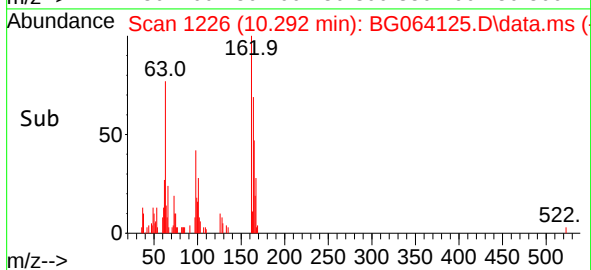
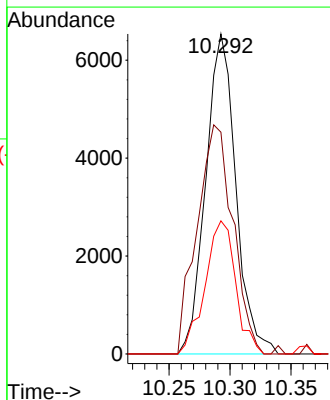
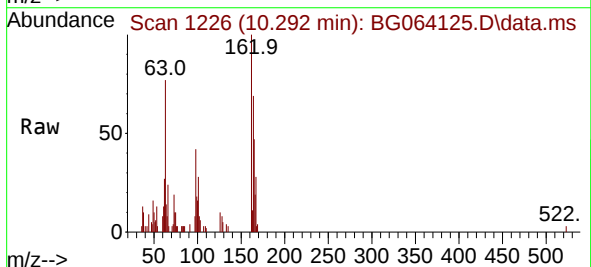
Manual Integrations  
 APPROVED

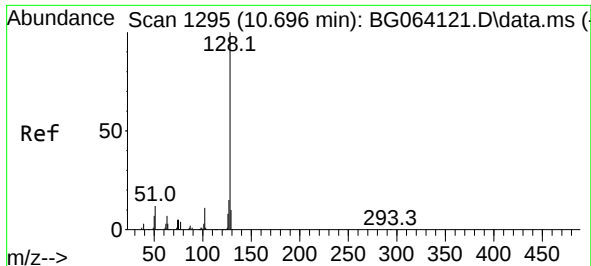
Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/24/2025



#29  
 2,4-Dichlorophenol  
 Concen: 4.795 ng/ul  
 RT: 10.292 min Scan# 1226  
 Delta R.T. -0.004 min  
 Lab File: BG064125.D  
 Acq: 21 Mar 2025 11:26

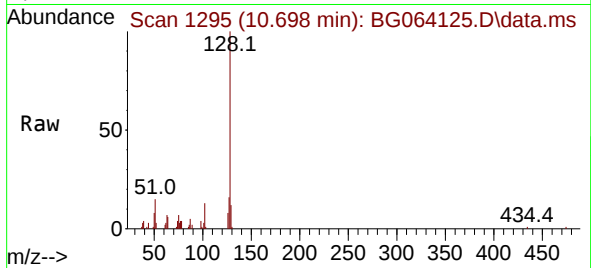
|             |                |
|-------------|----------------|
| Tgt Ion:162 | Resp: 11222    |
| Ion Ratio   | Lower Upper    |
| 162         | 100            |
| 164         | 69.3 51.4 77.0 |
| 98          | 41.6 31.4 47.0 |





#30  
Naphthalene  
Concen: 4.893 ng/ul  
RT: 10.698 min Scan# 1295  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

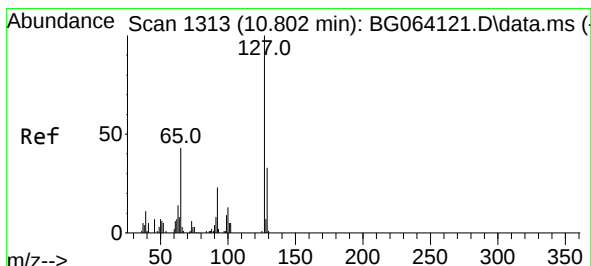
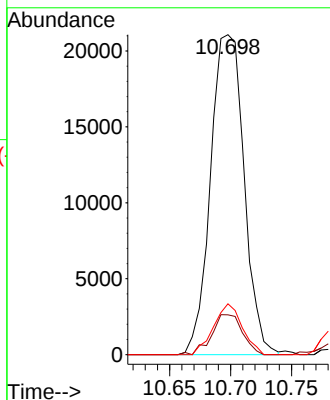
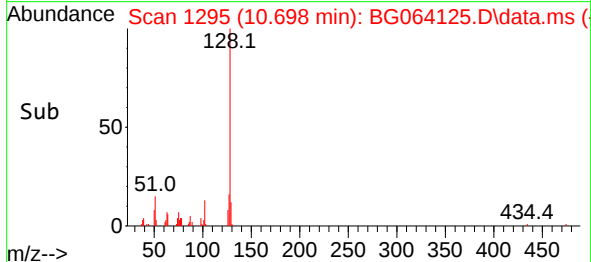
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:128 Resp: 40324  
Ion Ratio Lower Upper  
128 100  
129 12.5 8.3 12.5  
127 15.9 10.5 15.7

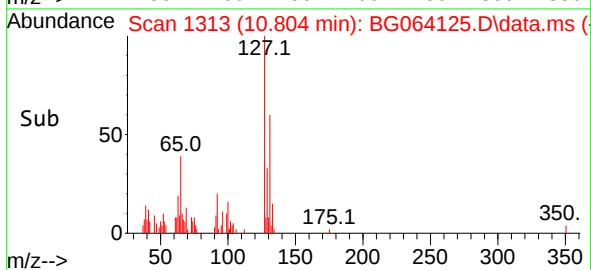
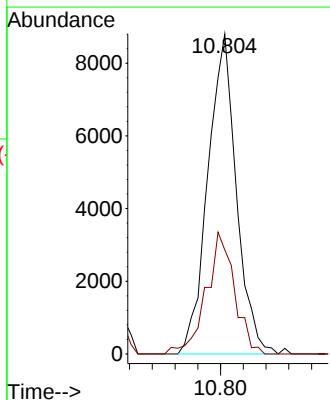
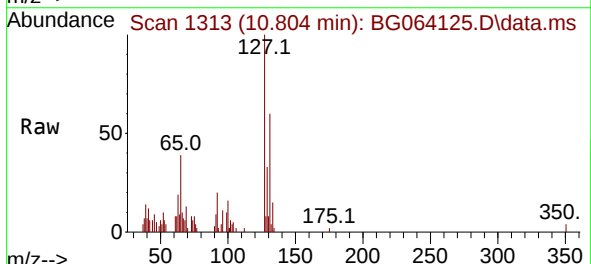
Manual Integrations  
APPROVED

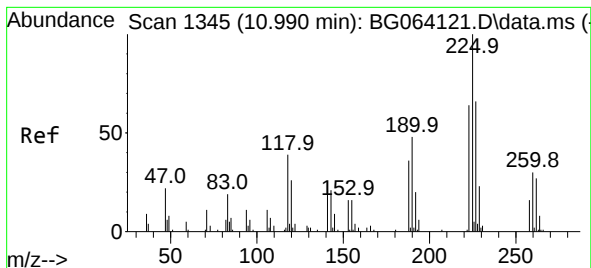
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#32  
4-Chloroaniline  
Concen: 4.710 ng/ul  
RT: 10.804 min Scan# 1313  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

Tgt Ion:127 Resp: 15352  
Ion Ratio Lower Upper  
127 100  
129 32.6 24.4 36.6





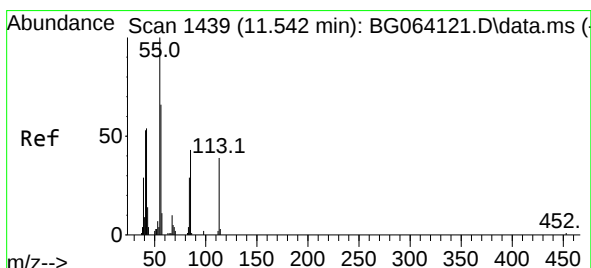
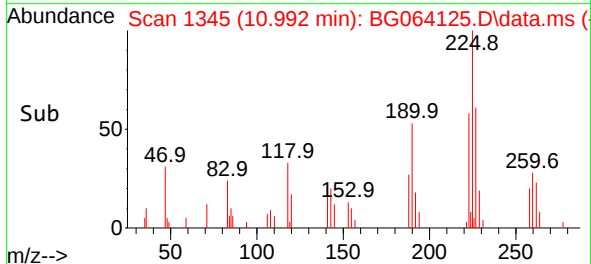
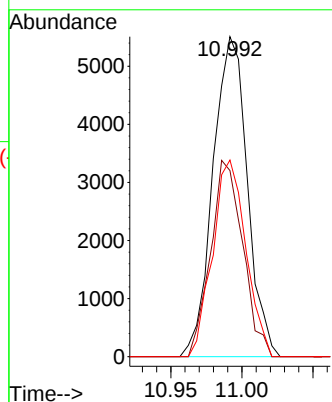
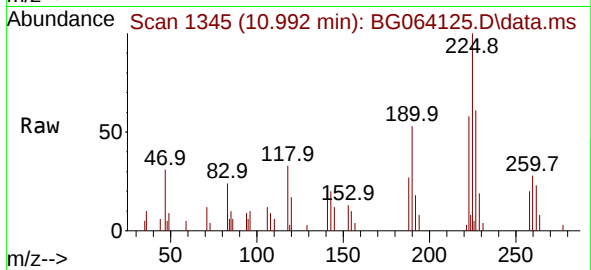
#33  
Hexachlorobutadiene  
Concen: 5.161 ng/ul  
RT: 10.992 min Scan# 1345  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02

Tgt Ion:225 Resp: 924  
Ion Ratio Lower Upper  
225 100  
223 58.2 47.0 70.4  
227 61.5 47.8 71.8

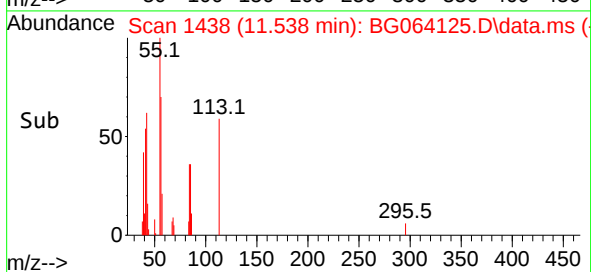
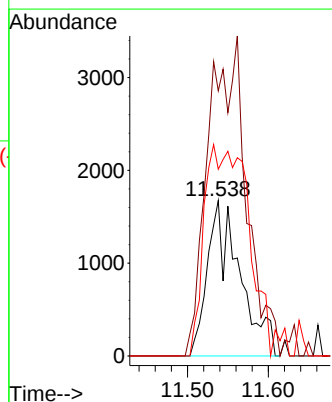
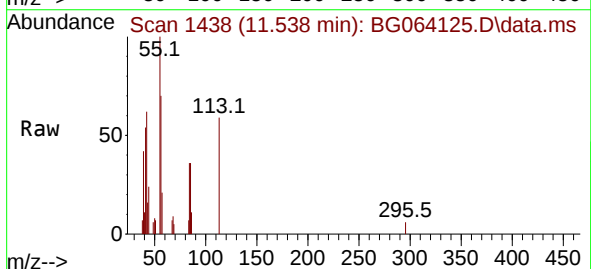
Manual Integrations  
APPROVED

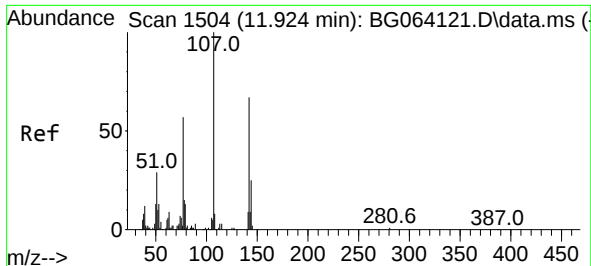
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#34  
Caprolactam  
Concen: 5.156 ng/ul m  
RT: 11.538 min Scan# 1438  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

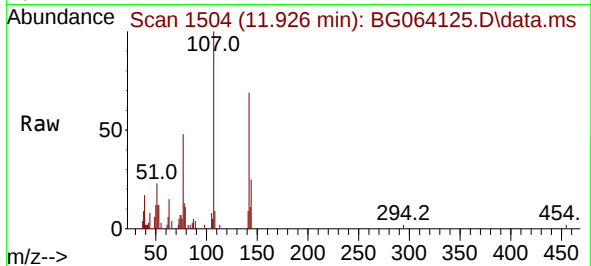
Tgt Ion:113 Resp: 4648  
Ion Ratio Lower Upper  
113 100  
55 170.6 195.5 293.3#  
56 120.3 136.4 204.6#





#35  
4-Chloro-3-methylphenol  
Concen: 4.588 ng/ul  
RT: 11.926 min Scan# 1504  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

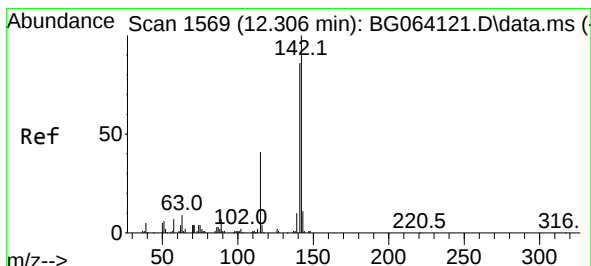
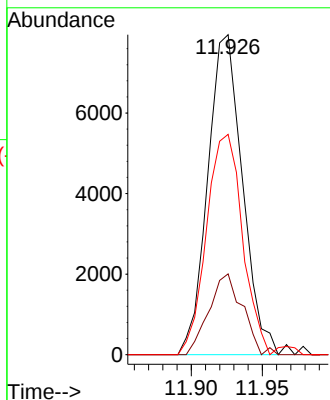
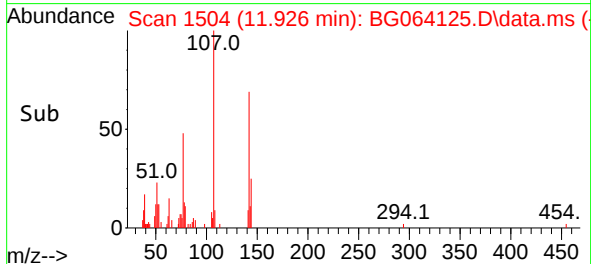
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:107 Resp: 1349  
Ion Ratio Lower Upper  
107 100  
144 25.2 16.2 24.2  
142 68.9 55.7 83.5

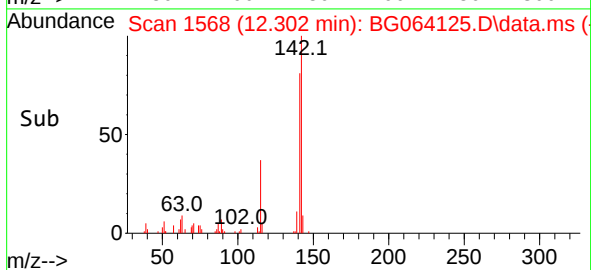
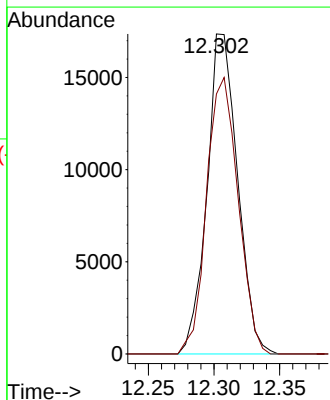
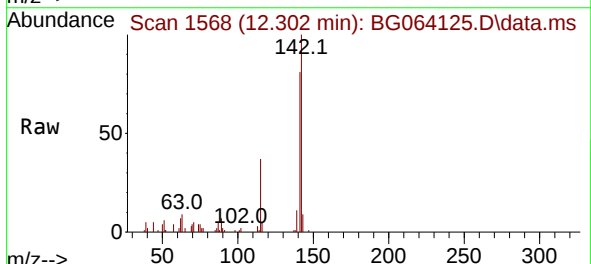
Manual Integrations  
APPROVED

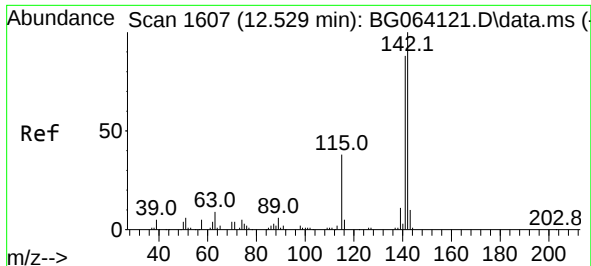
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#36  
2-Methylnaphthalene  
Concen: 4.740 ng/ul  
RT: 12.302 min Scan# 1568  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

Tgt Ion:142 Resp: 28223  
Ion Ratio Lower Upper  
142 100  
141 81.2 67.7 101.5





#37

1-Methylnaphthalene

Concen: 4.457 ng/ul

RT: 12.525 min Scan# 1606

Delta R.T. -0.004 min

Lab File: BG064125.D

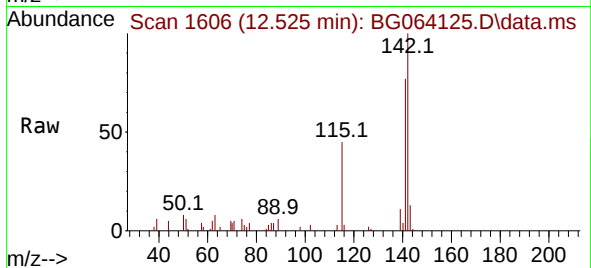
Acq: 21 Mar 2025 11:26

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT1-2025-02



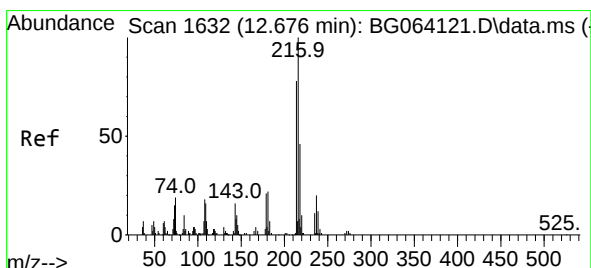
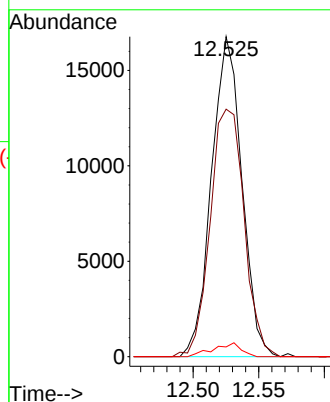
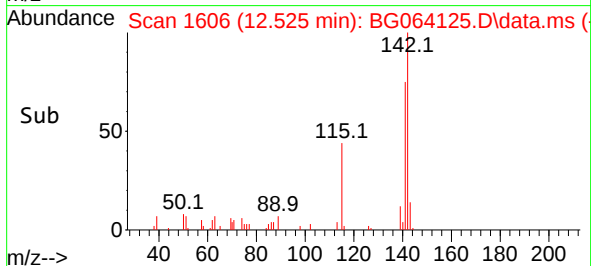
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 26958 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 77.4  | 73.3  | 109.9 |
| 116       | 3.1   | 4.0   | 6.0   |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.817 ng/ul

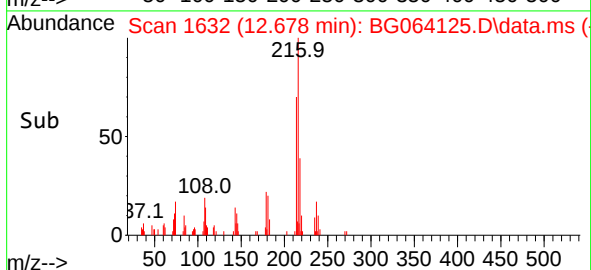
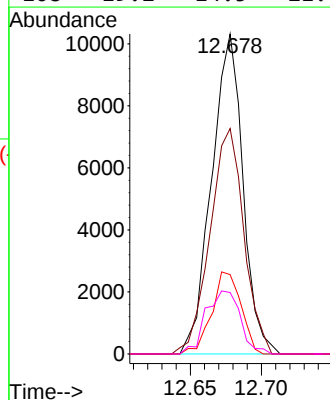
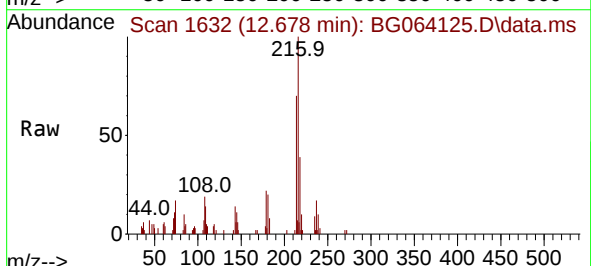
RT: 12.678 min Scan# 1632

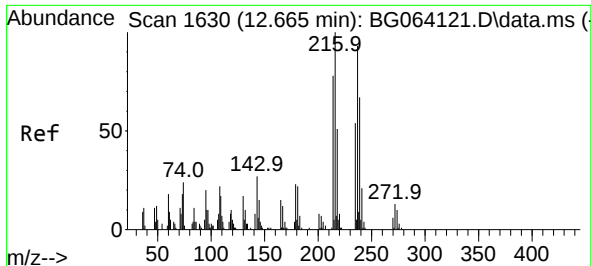
Delta R.T. 0.002 min

Lab File: BG064125.D

Acq: 21 Mar 2025 11:26

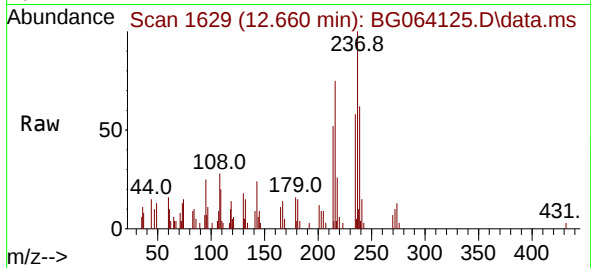
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 15824 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 70.4  | 63.3  | 94.9  |
| 179       | 24.8  | 17.1  | 25.7  |
| 108       | 19.2  | 14.5  | 21.7  |





#40  
Hexachlorocyclopentadiene  
Concen: 4.422 ng/ul  
RT: 12.660 min Scan# 1630  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

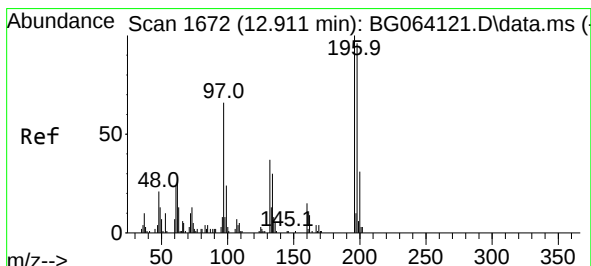
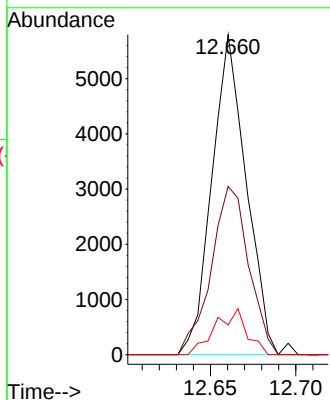
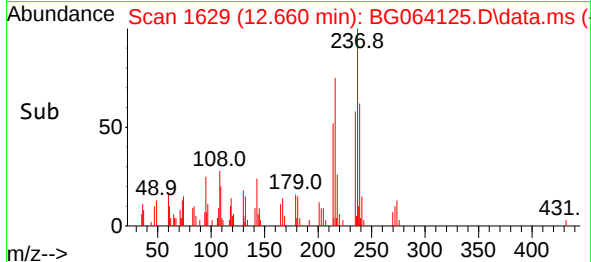
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02



Tgt Ion:237 Resp: 809  
Ion Ratio Lower Upper  
237 100  
235 52.6 42.4 63.6  
272 9.3 8.0 12.0

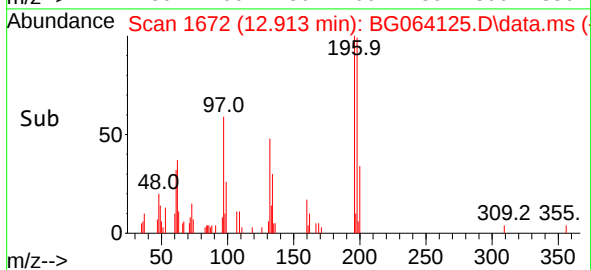
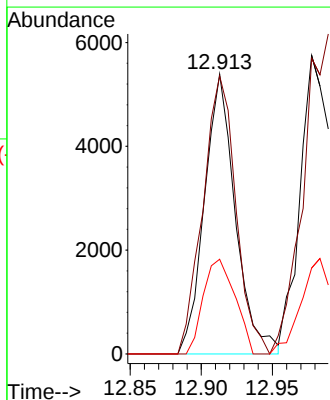
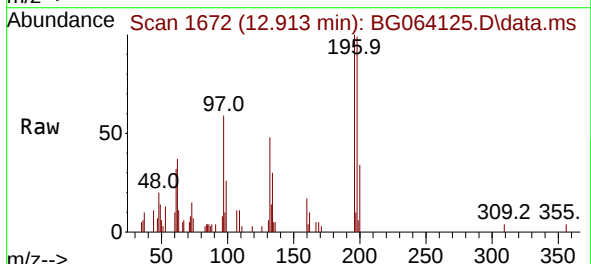
Manual Integrations  
APPROVED

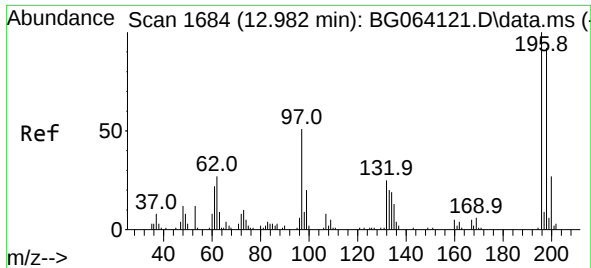
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#41  
2,4,6-Trichlorophenol  
Concen: 3.936 ng/ul  
RT: 12.913 min Scan# 1672  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

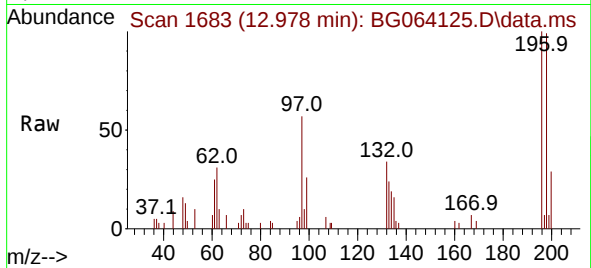
Tgt Ion:196 Resp: 8174  
Ion Ratio Lower Upper  
196 100  
198 105.2 89.4 134.0  
200 33.9 27.6 41.4





#42  
2,4,5-Trichlorophenol  
Concen: 4.406 ng/ul  
RT: 12.978 min Scan# 1683  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

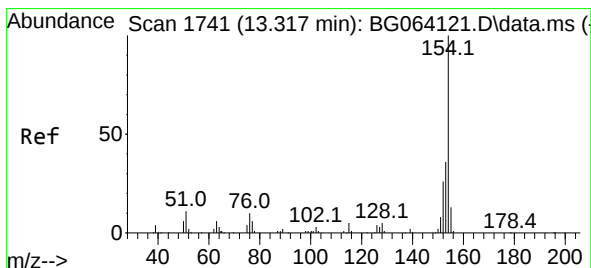
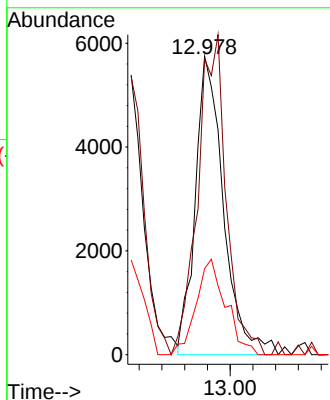
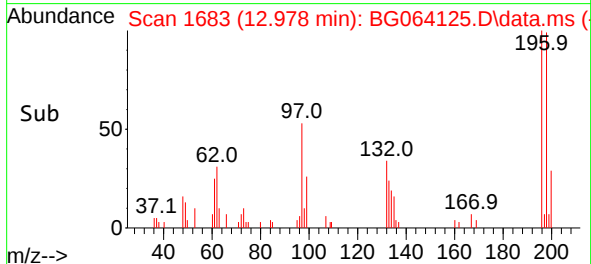
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02



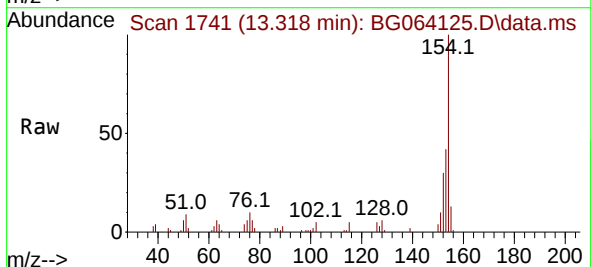
Tgt Ion:196 Resp: 9910  
Ion Ratio Lower Upper  
196 100  
198 99.0 80.7 121.1  
200 28.8 24.9 37.3

Manual Integrations  
APPROVED

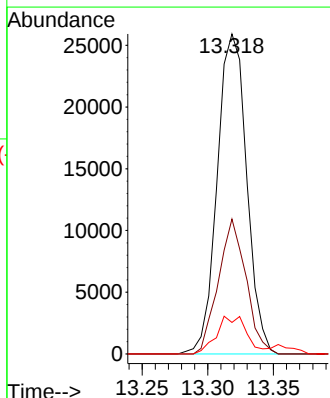
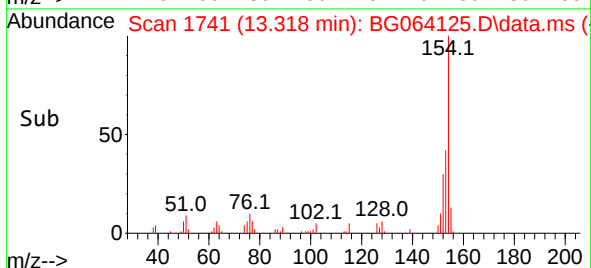
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025

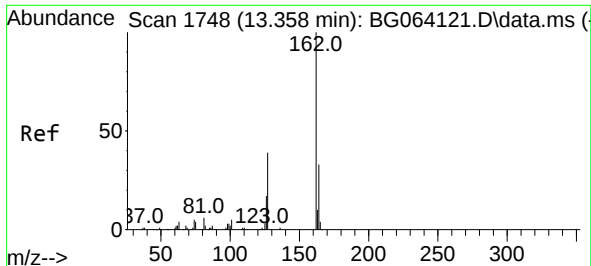


#43  
1,1'-Biphenyl  
Concen: 4.848 ng/ul  
RT: 13.318 min Scan# 1741  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26



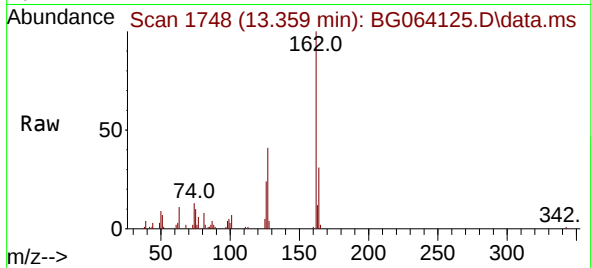
Tgt Ion:154 Resp: 40427  
Ion Ratio Lower Upper  
154 100  
153 42.2 33.8 50.6  
76 9.9 10.6 16.0#





#44  
2-Chloronaphthalene  
Concen: 4.588 ng/ul  
RT: 13.359 min Scan# 1748  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

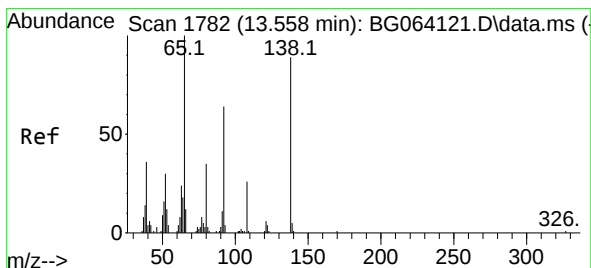
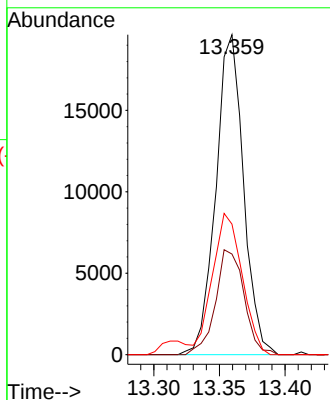
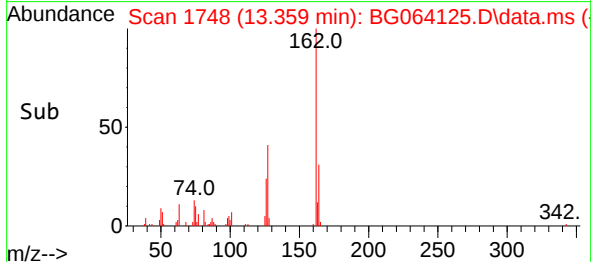
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02



Tgt Ion:162 Resp: 2879  
Ion Ratio Lower Upper  
162 100  
164 31.4 24.6 37.0  
127 40.8 33.8 50.8

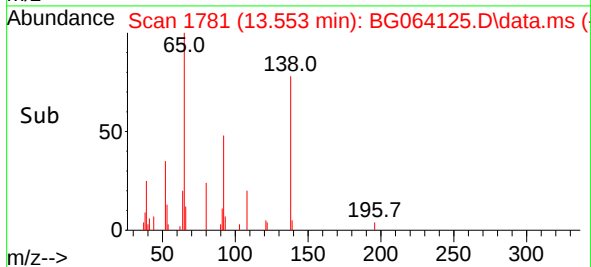
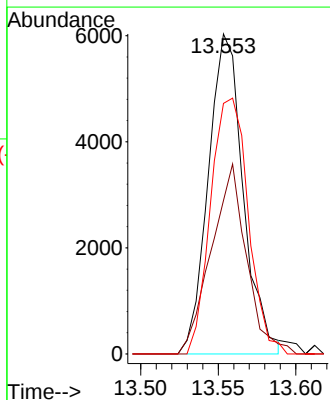
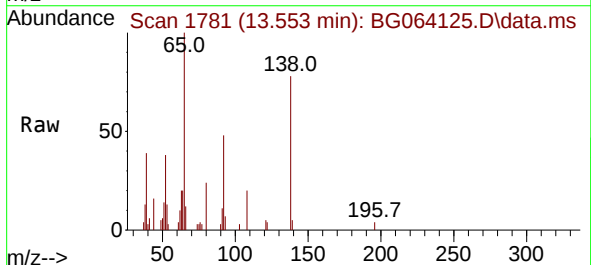
Manual Integrations  
APPROVED

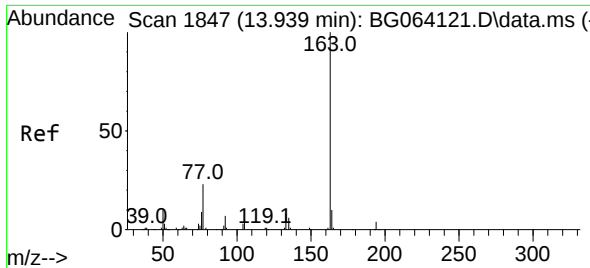
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#45  
2-Nitroaniline  
Concen: 4.426 ng/ul  
RT: 13.553 min Scan# 1781  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

Tgt Ion: 65 Resp: 9442  
Ion Ratio Lower Upper  
65 100  
92 48.0 44.5 66.7  
138 78.3 64.1 96.1





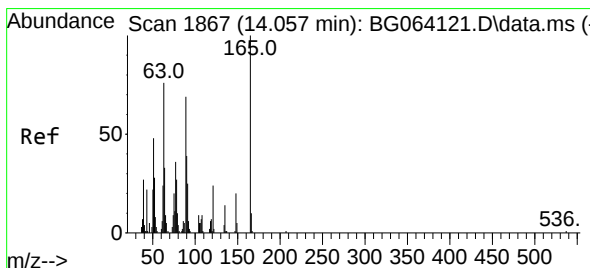
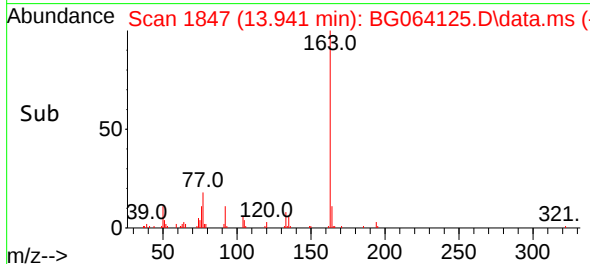
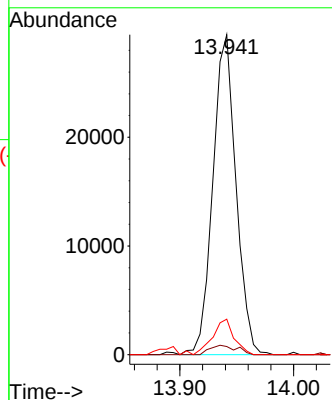
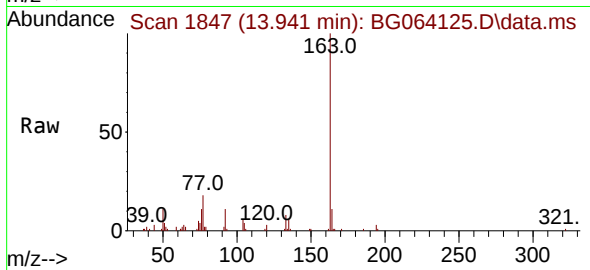
#47  
Dimethylphthalate  
Concen: 5.142 ng/ul  
RT: 13.941 min Scan# 1847  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02

Tgt Ion:163 Resp: 41520  
Ion Ratio Lower Upper  
163 100  
194 2.5 3.0 4.4  
164 11.1 7.5 11.3

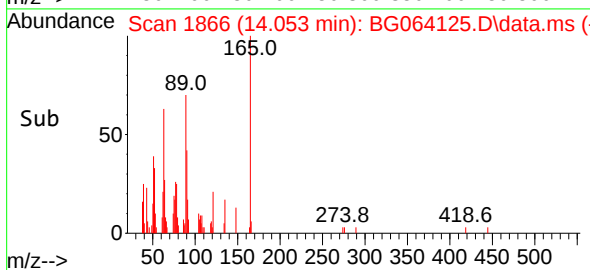
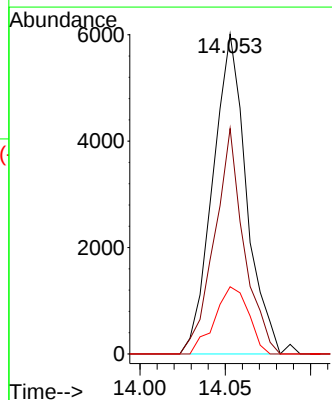
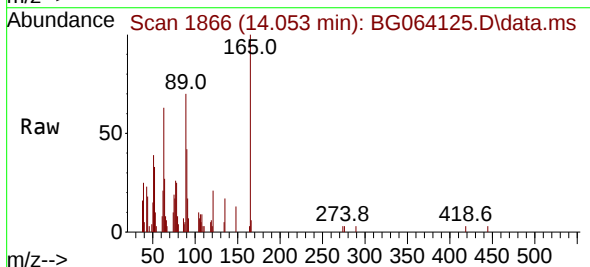
Manual Integrations  
APPROVED

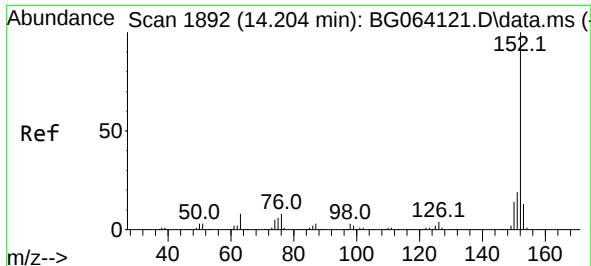
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#48  
2,6-Dinitrotoluene  
Concen: 5.430 ng/ul  
RT: 14.053 min Scan# 1866  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

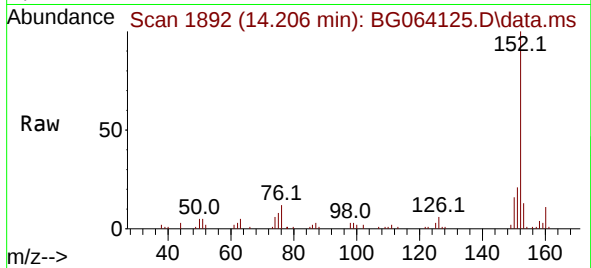
Tgt Ion:165 Resp: 8225  
Ion Ratio Lower Upper  
165 100  
89 70.5 58.1 87.1  
121 21.0 18.2 27.4





#50  
Acenaphthylene  
Concen: 4.831 ng/ul  
RT: 14.206 min Scan# 1892  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

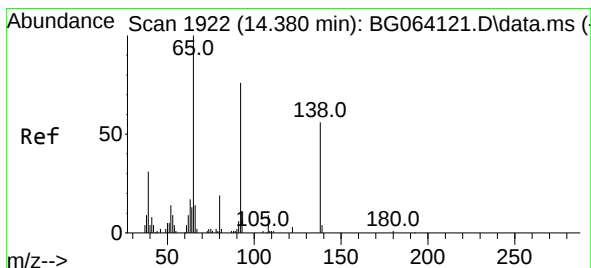
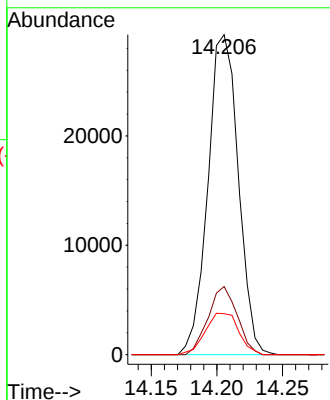
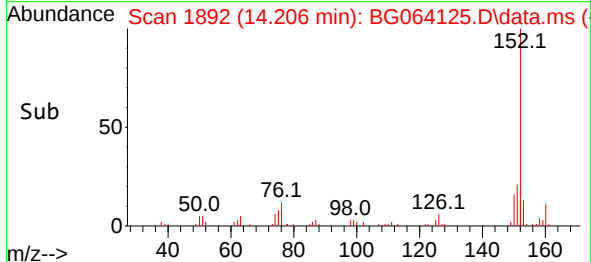
Instrument : BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:152 Resp: 4714  
Ion Ratio Lower Upper  
152 100  
151 21.3 16.3 24.5  
153 12.8 10.6 16.0

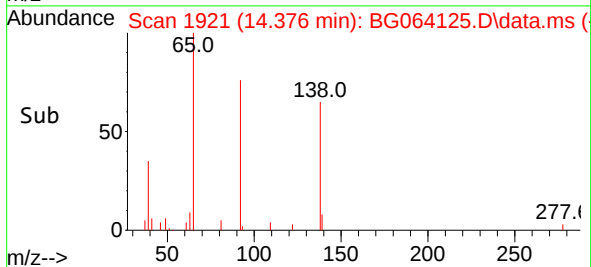
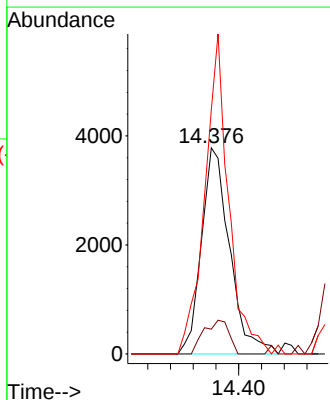
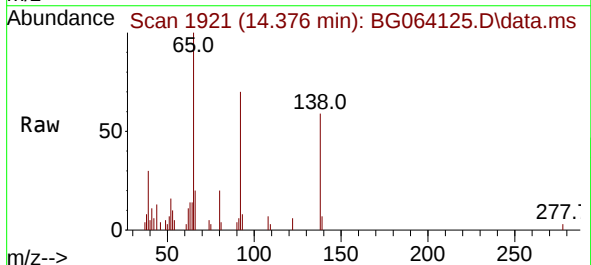
Manual Integrations  
APPROVED

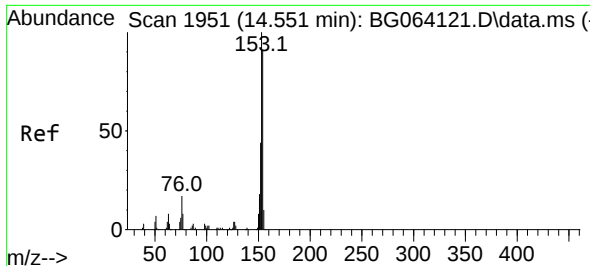
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#51  
3-Nitroaniline  
Concen: 4.265 ng/ul  
RT: 14.376 min Scan# 1921  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

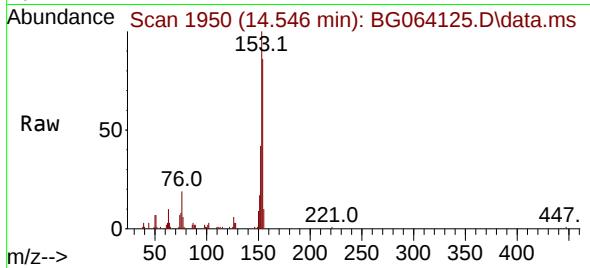
Tgt Ion:138 Resp: 6523  
Ion Ratio Lower Upper  
138 100  
108 12.0 12.1 18.1#  
92 118.4 113.9 170.9





#52  
Acenaphthene  
Concen: 5.103 ng/ul  
RT: 14.546 min Scan# 1950  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

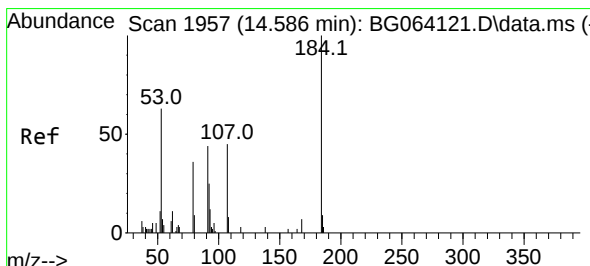
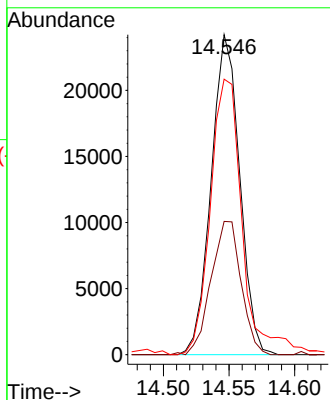
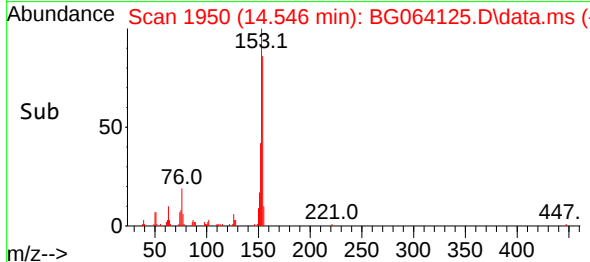
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02



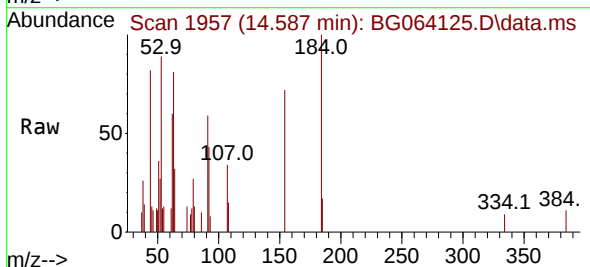
Tgt Ion:153 Resp: 36662  
Ion Ratio Lower Upper  
153 100  
152 41.7 36.6 55.0  
154 86.1 70.2 105.4

Manual Integrations  
APPROVED

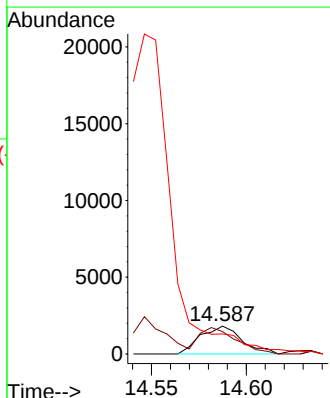
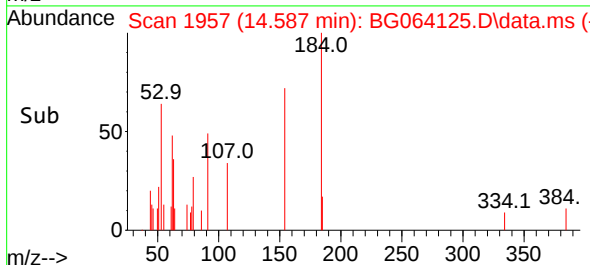
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025

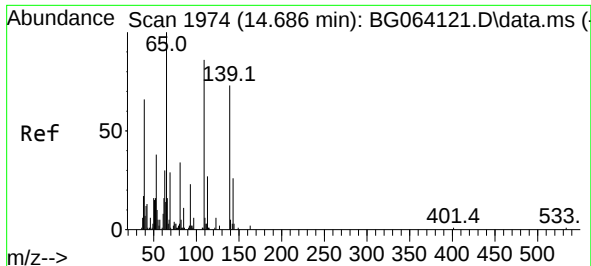


#53  
2,4-Dinitrophenol  
Concen: 3.603 ng/ul  
RT: 14.587 min Scan# 1957  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26



Tgt Ion:184 Resp: 2765  
Ion Ratio Lower Upper  
184 100  
63 80.6 74.5 111.7  
154 72.1 74.3 111.5#





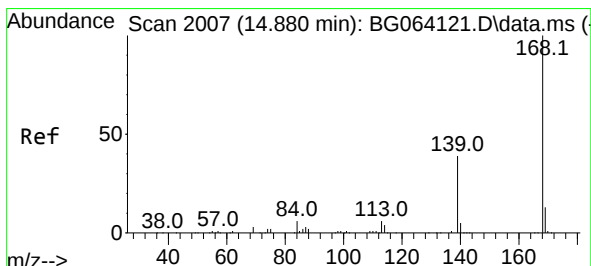
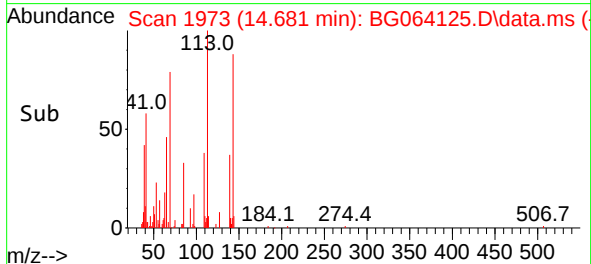
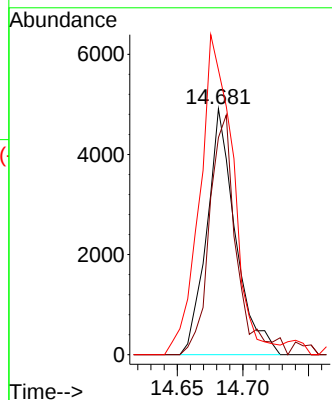
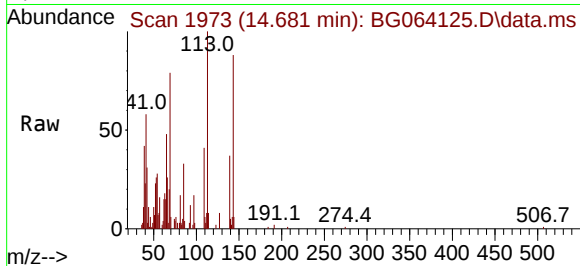
#55  
4-Nitrophenol  
Concen: 4.583 ng/ul  
RT: 14.681 min Scan# 1974  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02

Tgt Ion:109 Resp: 746  
Ion Ratio Lower Upper  
109 100  
139 88.3 74.0 111.0  
65 115.8 91.8 137.6

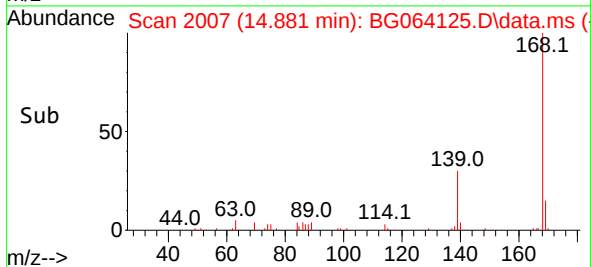
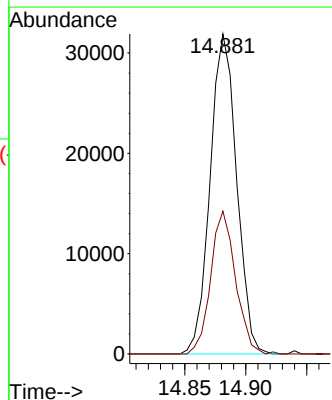
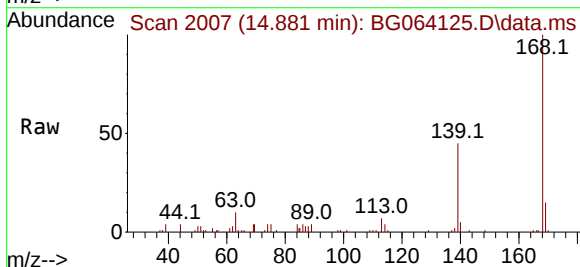
Manual Integrations  
APPROVED

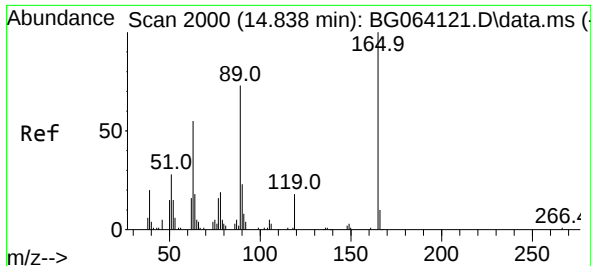
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#56  
Dibenzofuran  
Concen: 4.808 ng/ul  
RT: 14.881 min Scan# 2007  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

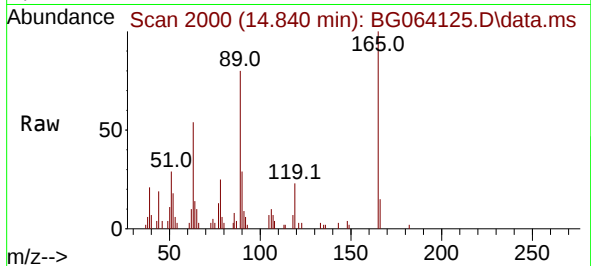
Tgt Ion:168 Resp: 48284  
Ion Ratio Lower Upper  
168 100  
139 44.6 30.2 45.2





#57  
2,4-Dinitrotoluene  
Concen: 4.290 ng/ul  
RT: 14.840 min Scan# 2000  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

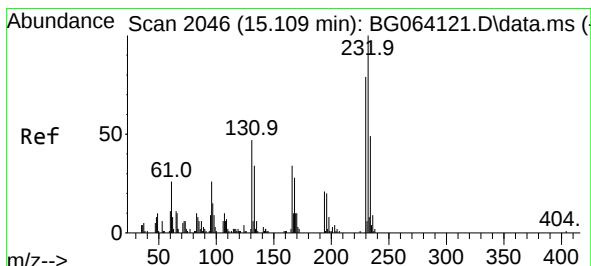
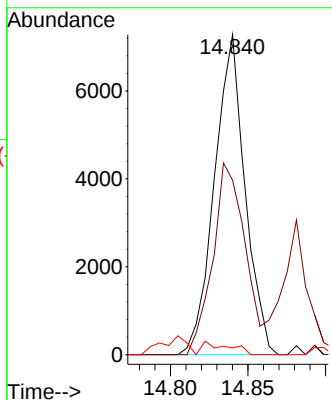
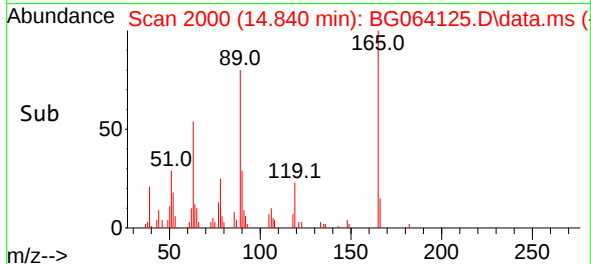
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:165 Resp: 9980  
Ion Ratio Lower Upper  
165 100  
63 54.5 46.6 70.0  
182 2.1 2.0 3.0

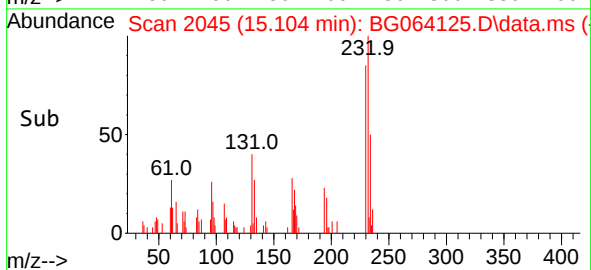
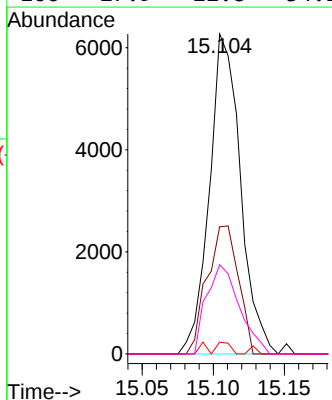
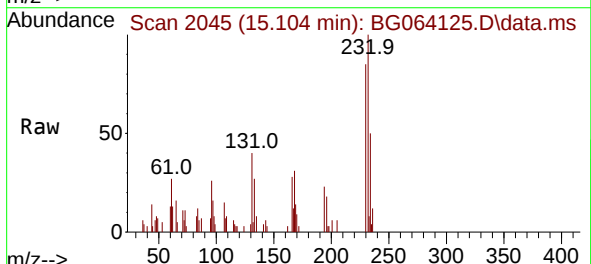
Manual Integrations  
APPROVED

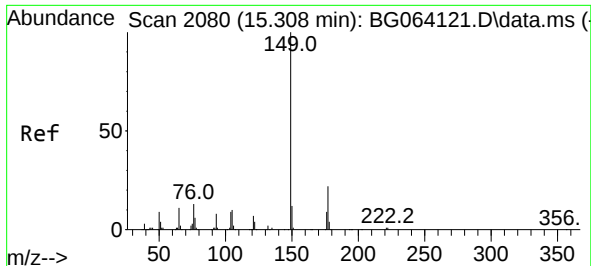
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.675 ng/ul  
RT: 15.104 min Scan# 2045  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

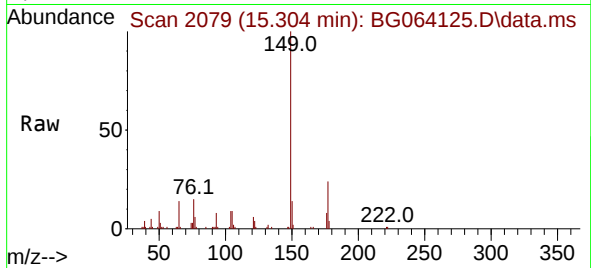
Tgt Ion:232 Resp: 9517  
Ion Ratio Lower Upper  
232 100  
131 39.8 36.2 54.4  
130 3.7 3.2 4.8  
166 27.9 22.8 34.2





#59  
Diethylphthalate  
Concen: 4.750 ng/ul  
RT: 15.304 min Scan# 2080  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

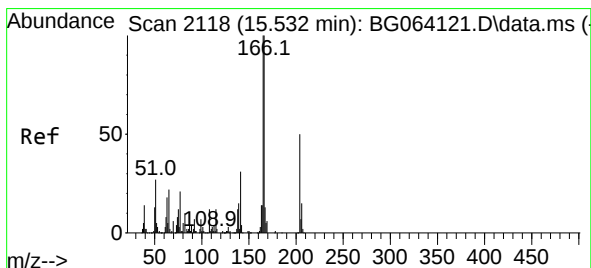
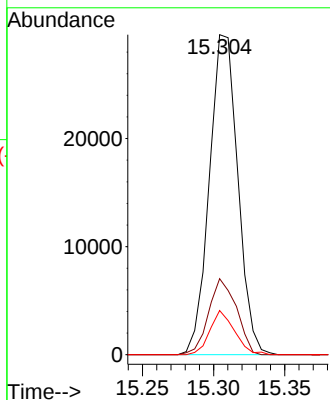
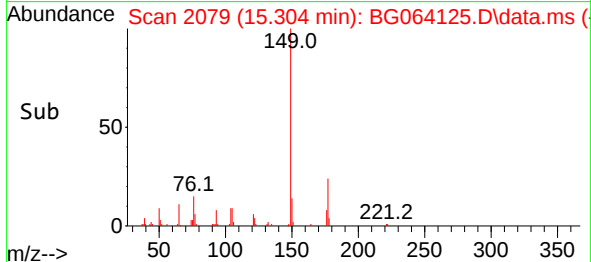
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02



Tgt Ion:149 Resp: 4127  
Ion Ratio Lower Upper  
149 100  
177 23.8 18.0 27.0  
150 13.8 10.9 16.3

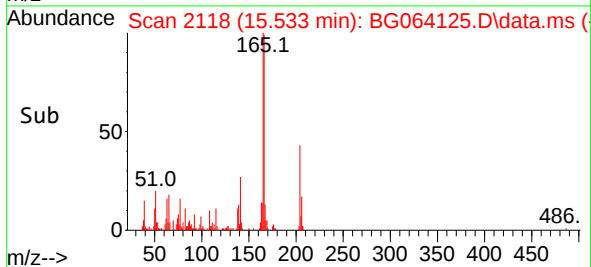
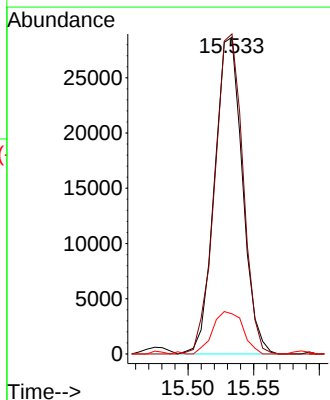
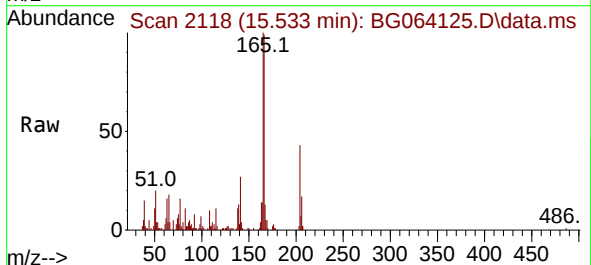
Manual Integrations  
APPROVED

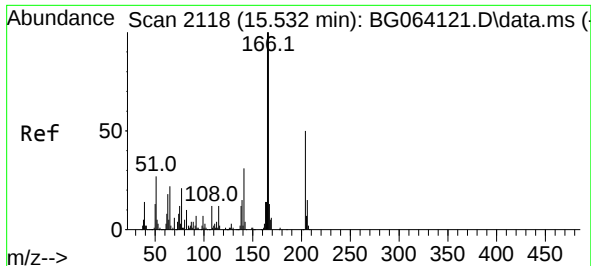
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#61  
Fluorene  
Concen: 5.159 ng/ul  
RT: 15.533 min Scan# 2118  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

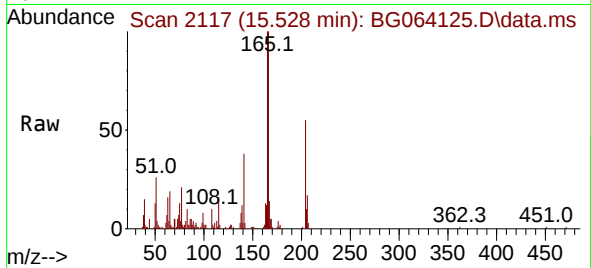
Tgt Ion:166 Resp: 42325  
Ion Ratio Lower Upper  
166 100  
165 101.0 83.1 124.7  
167 12.7 11.0 16.6





#62  
4-Chlorophenyl-phenylether  
Concen: 5.158 ng/ul  
RT: 15.528 min Scan# 2117  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

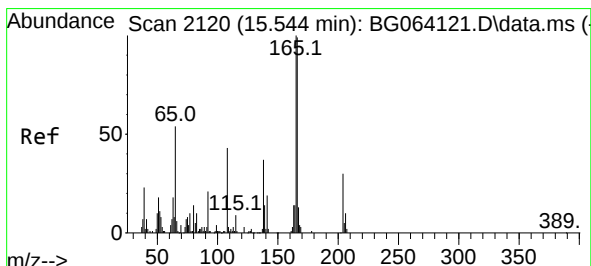
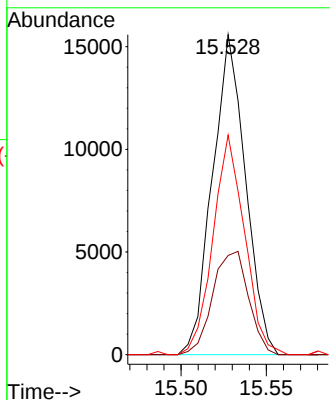
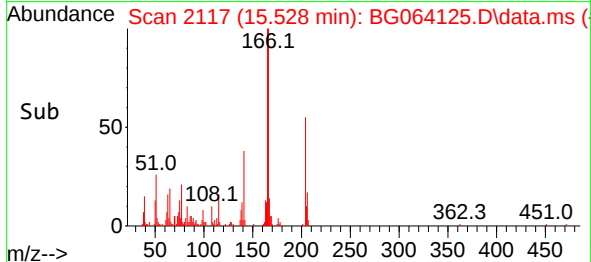
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT1-2025-02



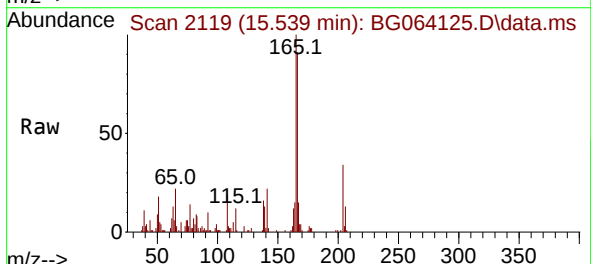
Tgt Ion:204 Resp: 2099  
Ion Ratio Lower Upper  
204 100  
206 31.0 27.0 40.6  
141 68.6 54.6 82.0

Manual Integrations  
APPROVED

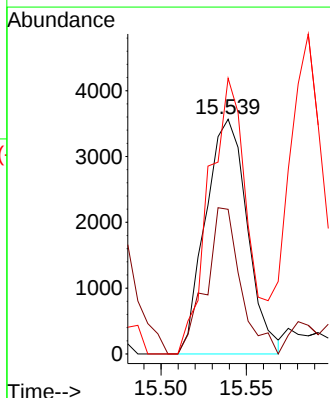
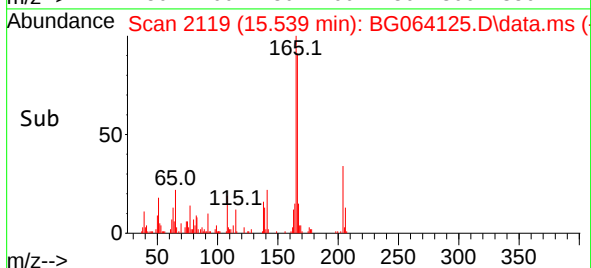
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025

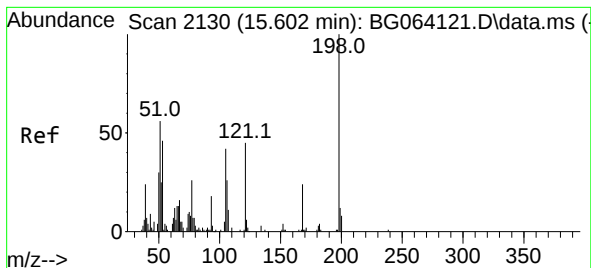


#63  
4-Nitroaniline  
Concen: 3.803 ng/ul  
RT: 15.539 min Scan# 2119  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26



Tgt Ion:138 Resp: 6079  
Ion Ratio Lower Upper  
138 100  
92 61.6 46.4 69.6  
108 117.4 93.9 140.9





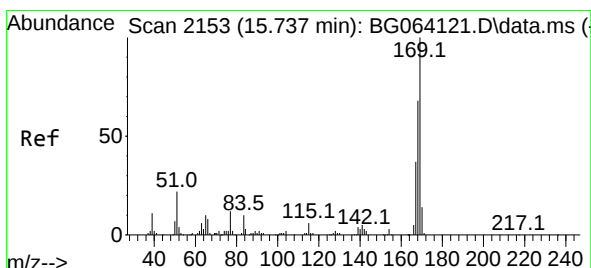
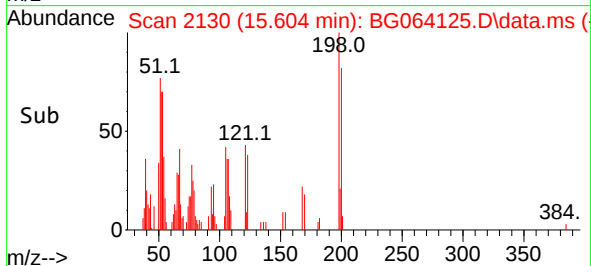
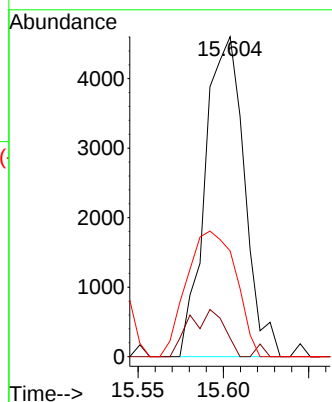
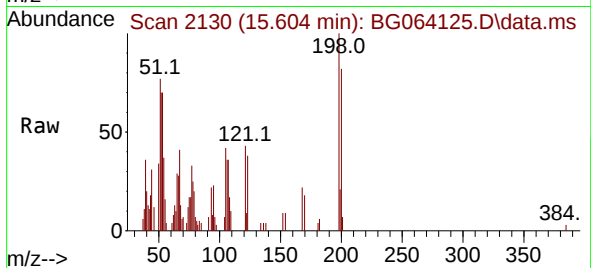
#66  
4,6-Dinitro-2-methylphenol  
Concen: 5.125 ng/ul  
RT: 15.604 min Scan# 2130  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02

Tgt Ion:198 Resp: 7350  
Ion Ratio Lower Upper  
198 100  
182 5.8 3.9 5.9  
77 33.1 25.5 38.3

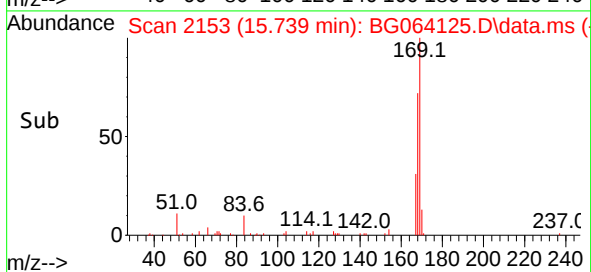
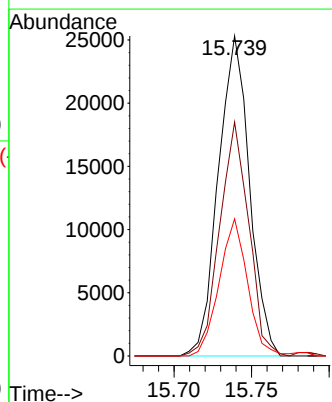
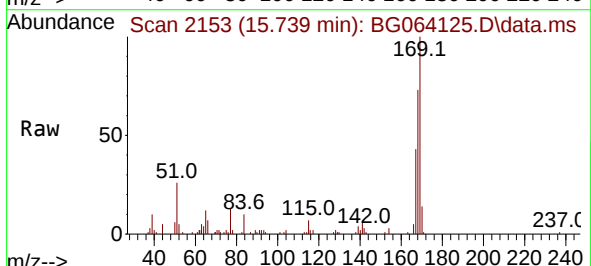
Manual Integrations  
APPROVED

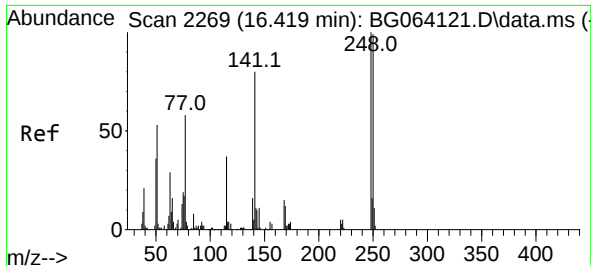
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#67  
N-Nitrosodiphenylamine  
Concen: 4.864 ng/ul  
RT: 15.739 min Scan# 2153  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

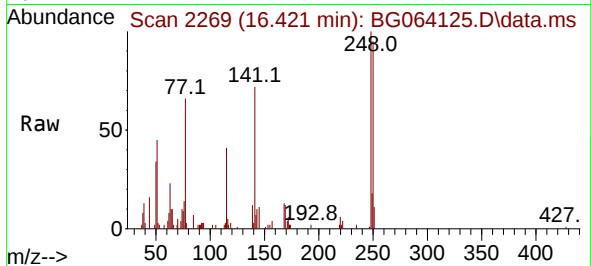
Tgt Ion:169 Resp: 35383  
Ion Ratio Lower Upper  
169 100  
168 73.1 55.5 83.3  
167 42.8 30.6 45.8





#68  
4-Bromophenyl-phenylether  
Concen: 5.192 ng/ul  
RT: 16.421 min Scan# 2269  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

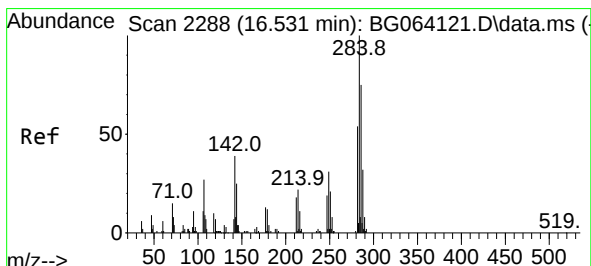
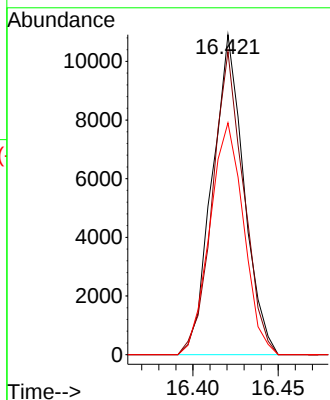
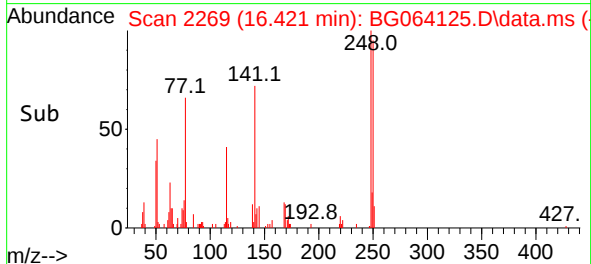
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:248 Resp: 14130  
Ion Ratio Lower Upper  
248 100  
250 94.7 77.8 116.8  
141 72.5 67.5 101.3

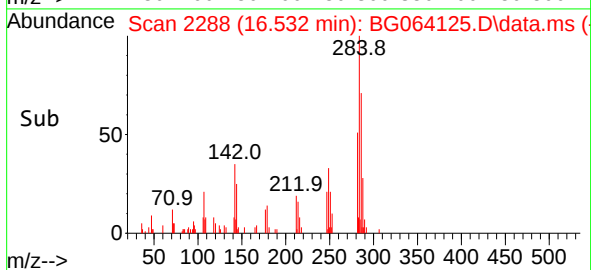
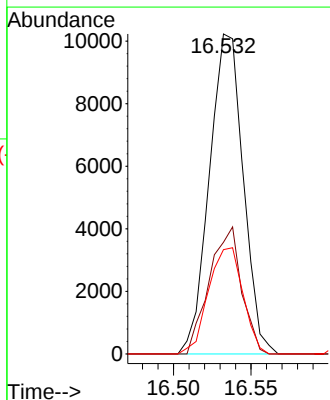
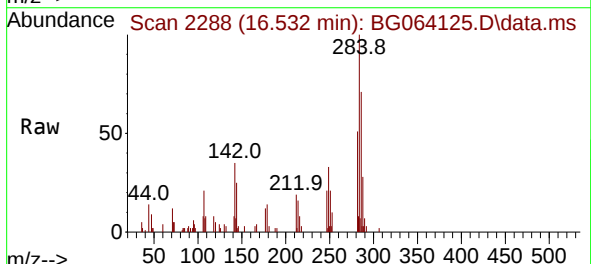
Manual Integrations  
APPROVED

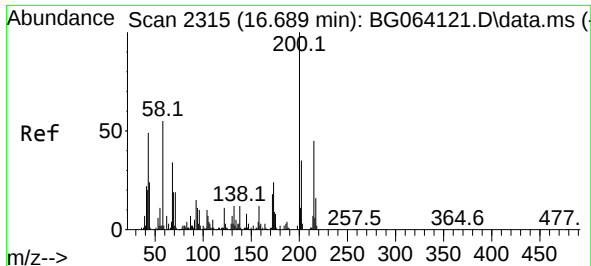
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#69  
Hexachlorobenzene  
Concen: 5.101 ng/ul  
RT: 16.532 min Scan# 2288  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

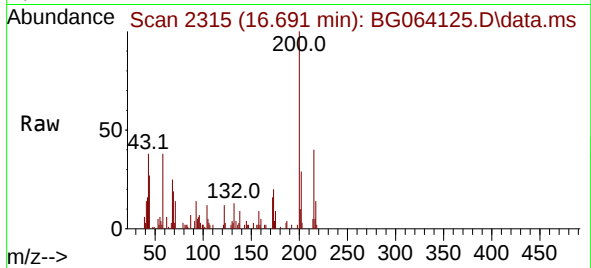
Tgt Ion:284 Resp: 15521  
Ion Ratio Lower Upper  
284 100  
142 32.6 28.2 42.2  
249 33.2 28.2 42.4





#70  
Atrazine  
Concen: 5.546 ng/ul  
RT: 16.691 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

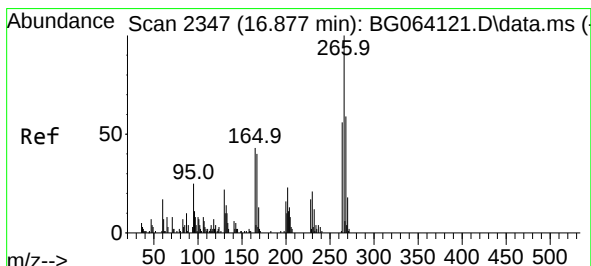
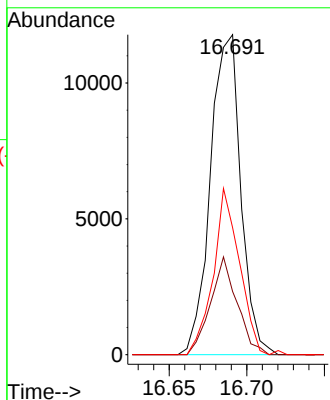
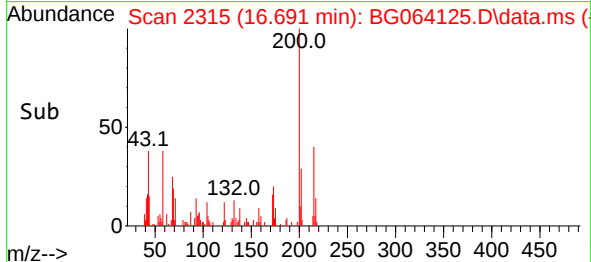
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



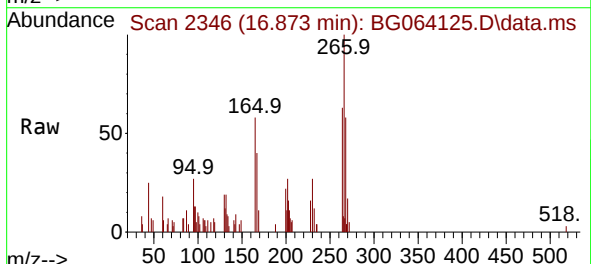
Tgt Ion:200 Resp: 1604  
Ion Ratio Lower Upper  
200 100  
173 19.8 19.8 29.6  
215 39.7 38.8 58.2

Manual Integrations  
APPROVED

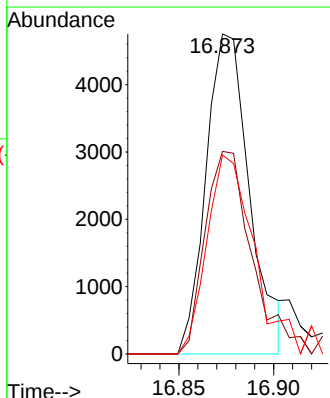
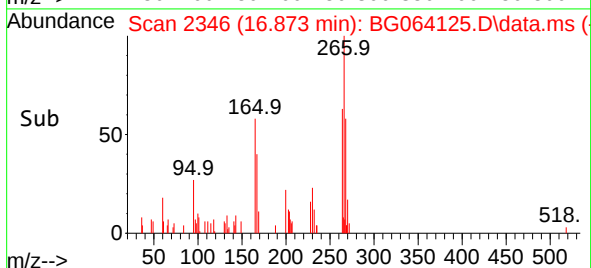
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025

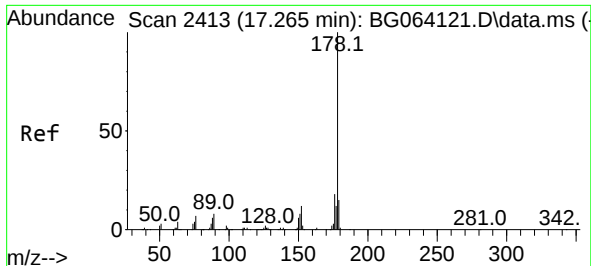


#71  
Pentachlorophenol  
Concen: 4.173 ng/ul  
RT: 16.873 min Scan# 2346  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26



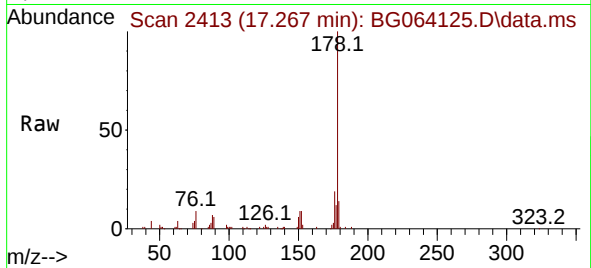
Tgt Ion:266 Resp: 7599  
Ion Ratio Lower Upper  
266 100  
264 63.3 54.0 81.0  
268 62.2 54.3 81.5





#72  
Phenanthrene  
Concen: 4.929 ng/ul  
RT: 17.267 min Scan# 2413  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

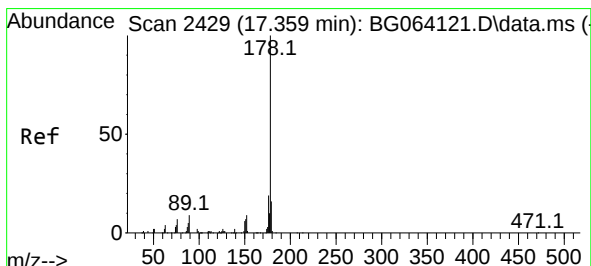
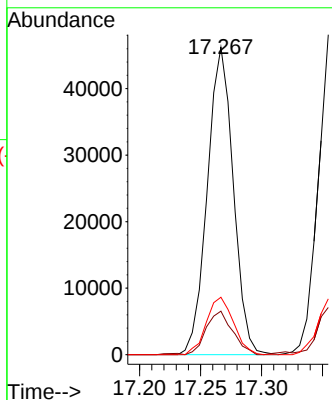
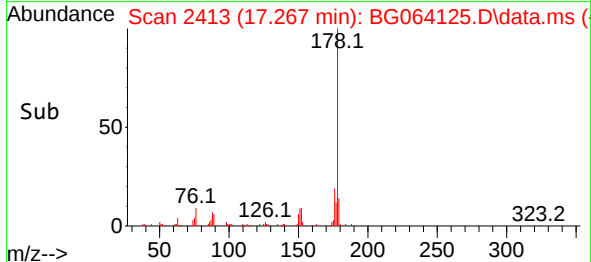
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:178 Resp: 68469  
Ion Ratio Lower Upper  
178 100  
179 14.2 12.2 18.2  
176 18.7 15.1 22.7

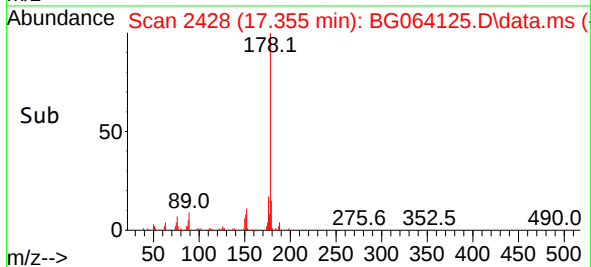
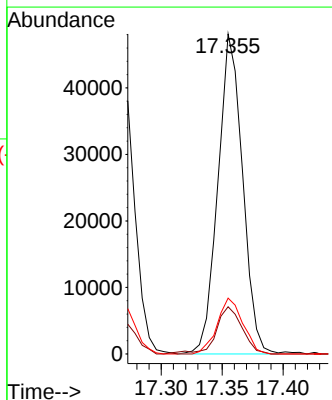
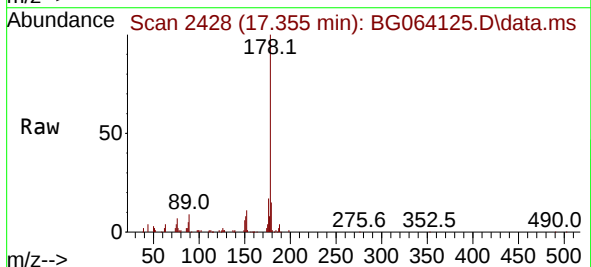
Manual Integrations  
APPROVED

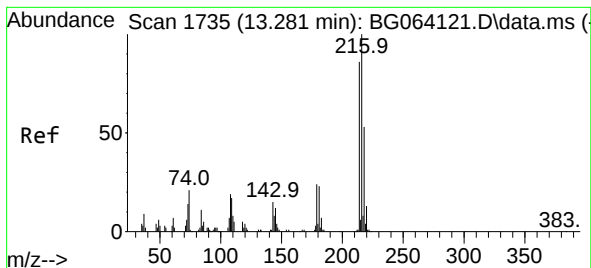
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#74  
Anthracene  
Concen: 4.764 ng/ul  
RT: 17.355 min Scan# 2428  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

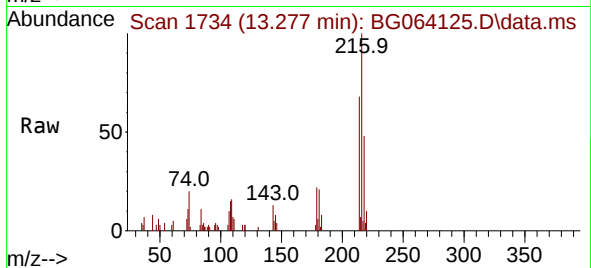
Tgt Ion:178 Resp: 67730  
Ion Ratio Lower Upper  
178 100  
179 14.8 12.0 18.0  
176 17.5 15.2 22.8





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 4.490 ng/ul  
RT: 13.277 min Scan# 1735  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

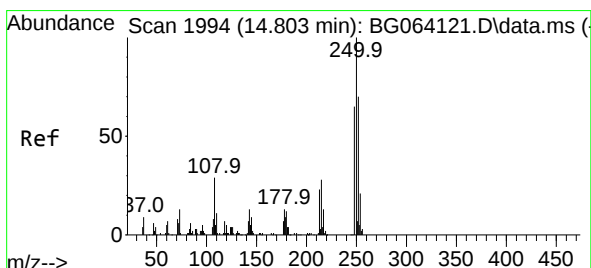
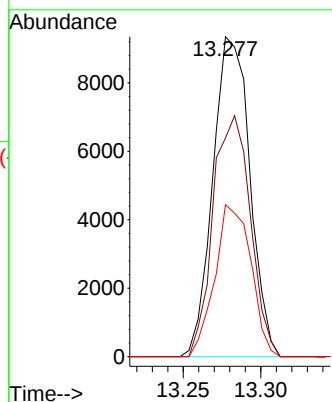
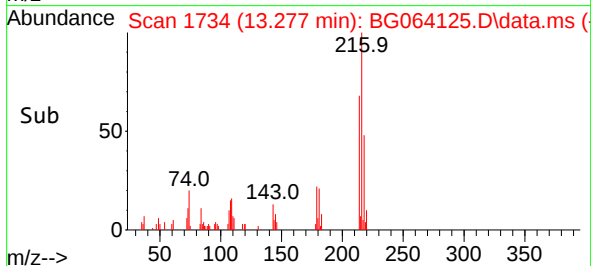
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:216 Resp: 15500  
Ion Ratio Lower Upper  
216 100  
214 68.3 64.8 97.2  
218 47.5 36.6 54.8

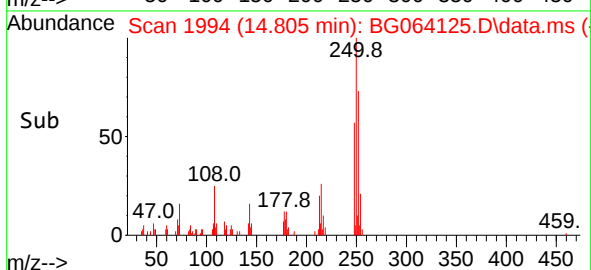
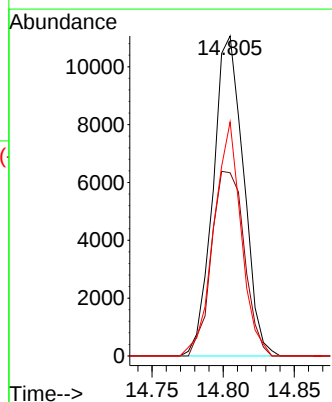
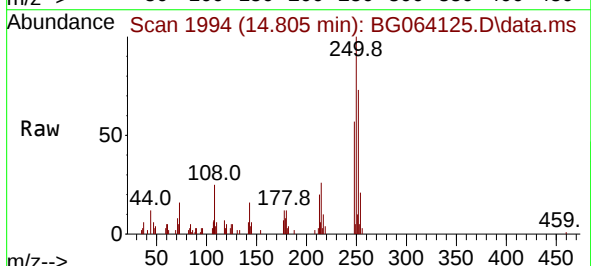
Manual Integrations  
APPROVED

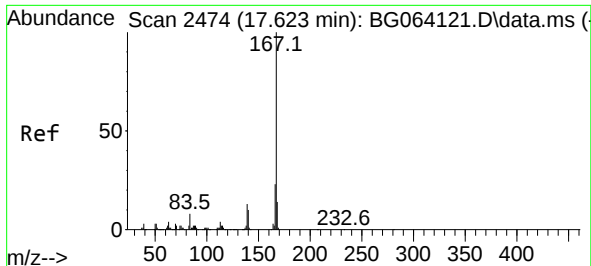
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#76  
Pentachlorobenzene  
Concen: 4.568 ng/ul  
RT: 14.805 min Scan# 1994  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

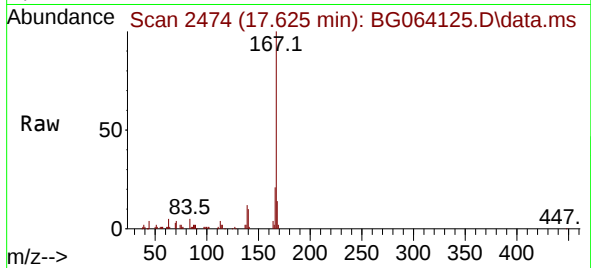
Tgt Ion:250 Resp: 16478  
Ion Ratio Lower Upper  
250 100  
248 57.2 55.2 82.8  
252 73.2 51.7 77.5





#77  
Carbazole  
Concen: 4.702 ng/ul  
RT: 17.625 min Scan# 2474  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

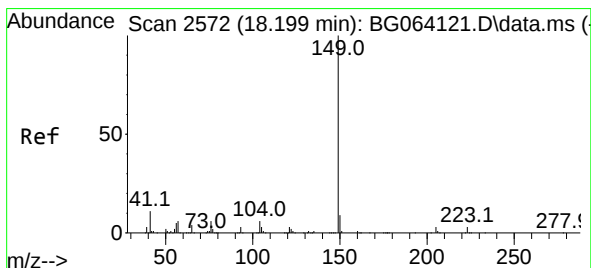
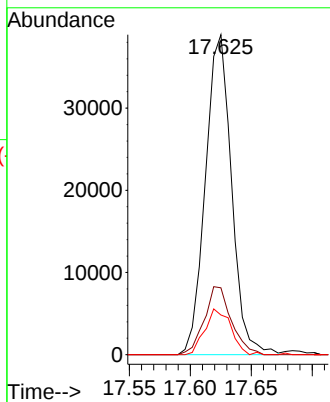
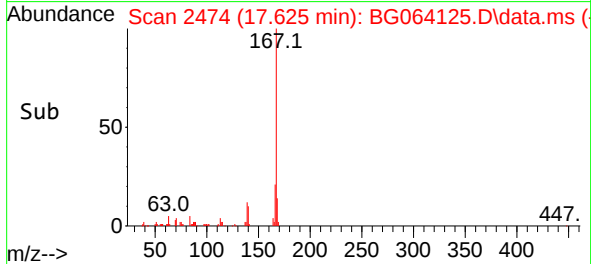
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:167 Resp: 5797  
Ion Ratio Lower Upper  
167 100  
166 20.9 18.0 27.0  
139 12.4 10.5 15.7

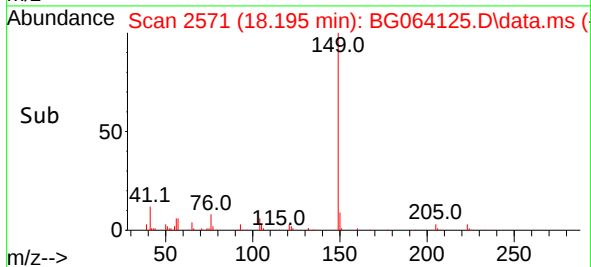
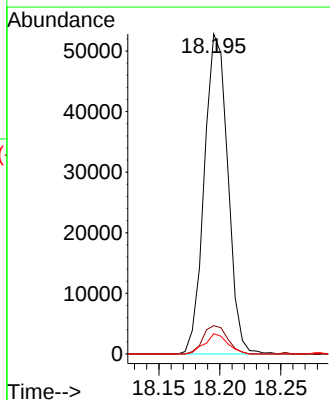
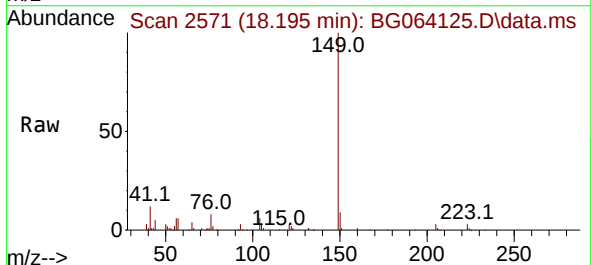
Manual Integrations  
APPROVED

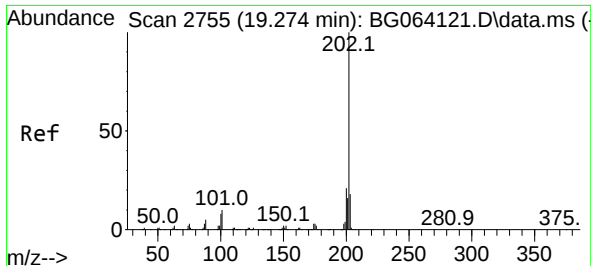
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#78  
Di-n-butylphthalate  
Concen: 4.497 ng/ul  
RT: 18.195 min Scan# 2571  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

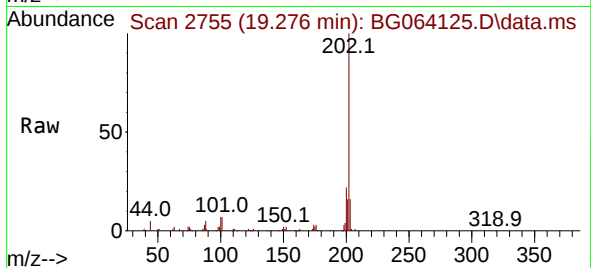
Tgt Ion:149 Resp: 70905  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.0 10.4  
104 6.4 4.7 7.1





#80  
Fluoranthene  
Concen: 4.957 ng/u1  
RT: 19.276 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

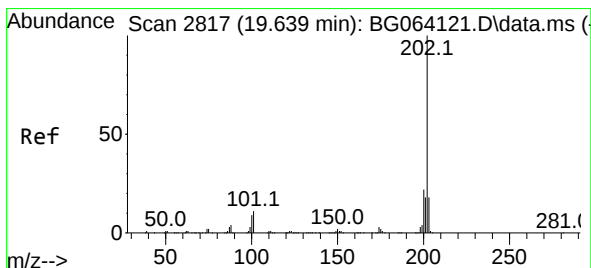
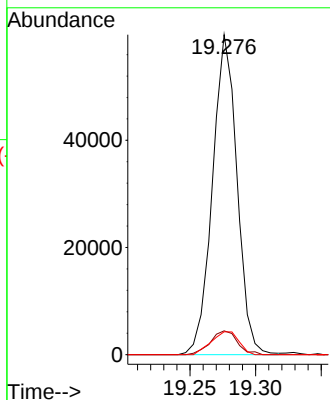
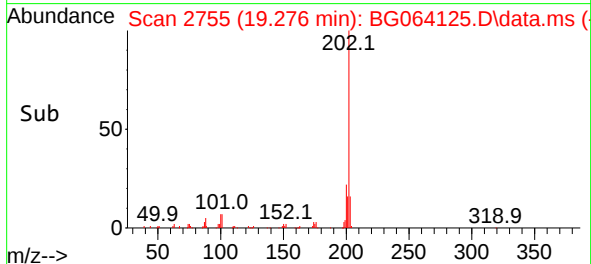
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



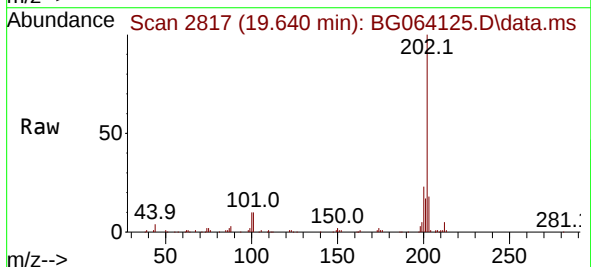
Tgt Ion:202 Resp: 7771  
Ion Ratio Lower Upper  
202 100  
101 7.5 7.8 11.8  
100 7.1 6.6 10.0

Manual Integrations  
APPROVED

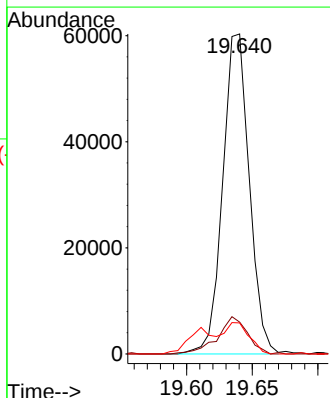
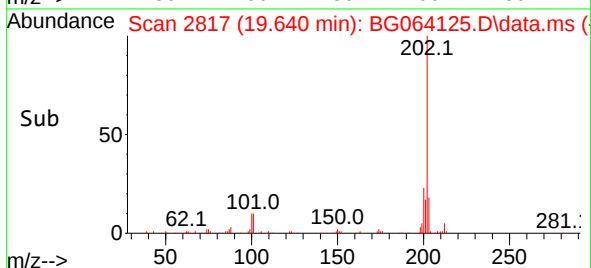
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025

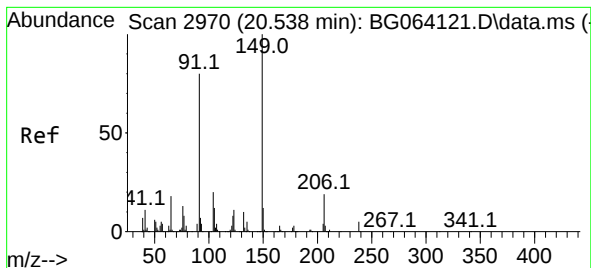


#82  
Pyrene  
Concen: 5.109 ng/u1  
RT: 19.640 min Scan# 2817  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26



Tgt Ion:202 Resp: 84955  
Ion Ratio Lower Upper  
202 100  
101 10.0 7.9 11.9  
100 9.7 7.4 11.0





#83

Butylbenzylphthalate

Concen: 4.383 ng/ul

RT: 20.539 min Scan# 2970

Delta R.T. 0.002 min

Lab File: BG064125.D

Acq: 21 Mar 2025 11:26

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT1-2025-02

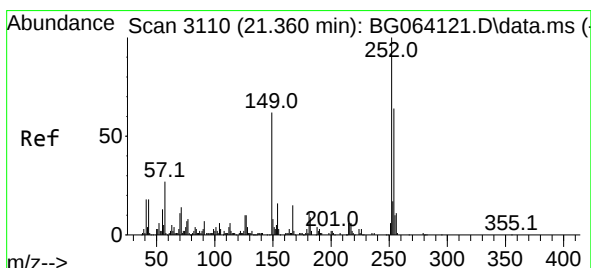
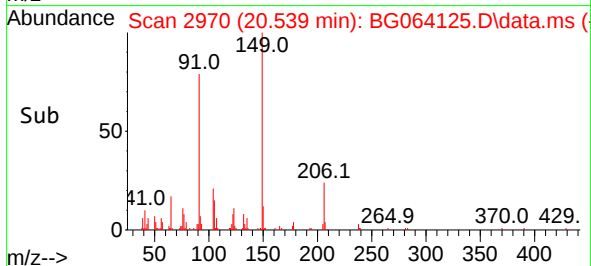
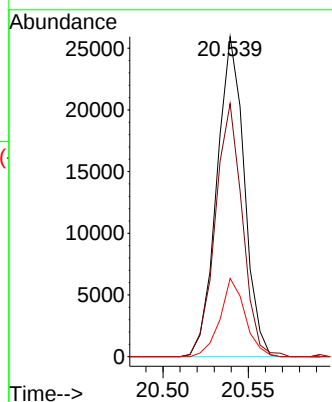
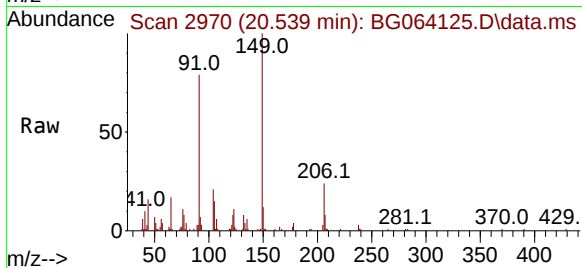
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 2901 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 91        | 79.1  | 63.4  | 95.0 |
| 206       | 24.4  | 15.8  | 23.8 |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#84

3,3'-Dichlorobenzidine

Concen: 5.890 ng/ul

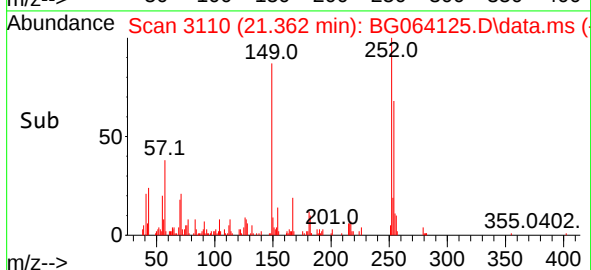
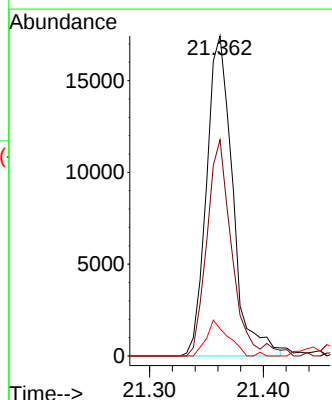
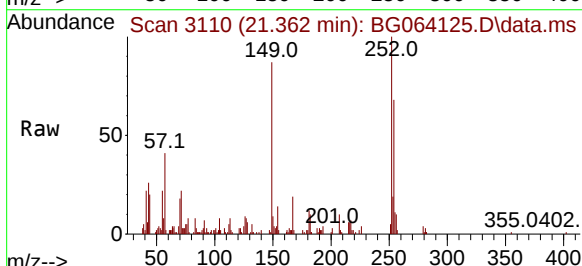
RT: 21.362 min Scan# 3110

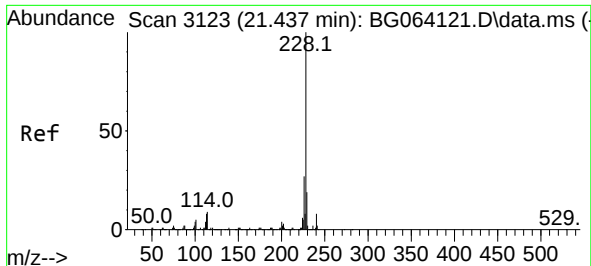
Delta R.T. 0.002 min

Lab File: BG064125.D

Acq: 21 Mar 2025 11:26

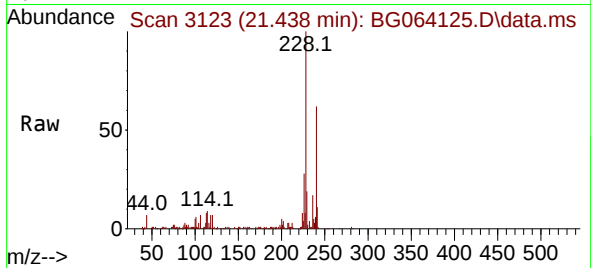
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 27874 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 67.6  | 54.0  | 81.0  |
| 126       | 8.5   | 8.1   | 12.1  |





#85  
Benzo(a)anthracene  
Concen: 4.894 ng/ul  
RT: 21.438 min Scan# 3123  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

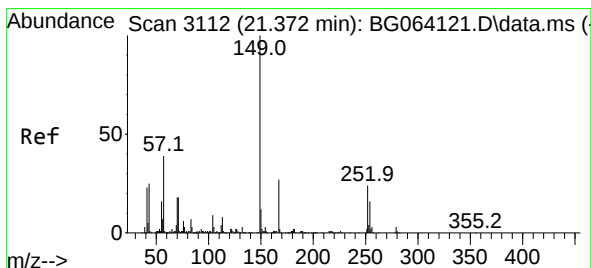
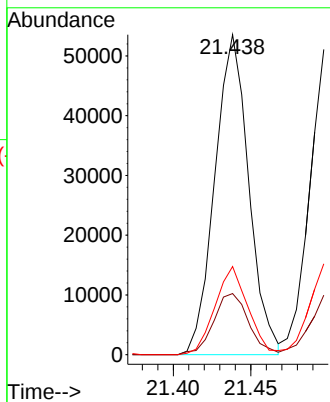
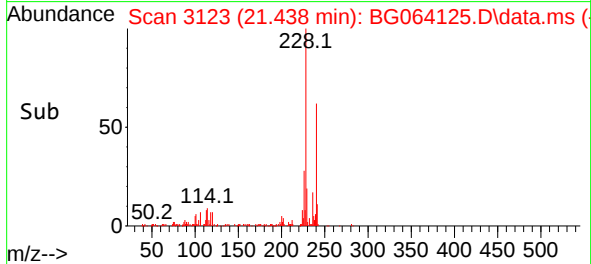
Instrument : BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:228 Resp: 81349  
Ion Ratio Lower Upper  
228 100  
229 19.1 15.7 23.5  
226 27.5 21.1 31.7

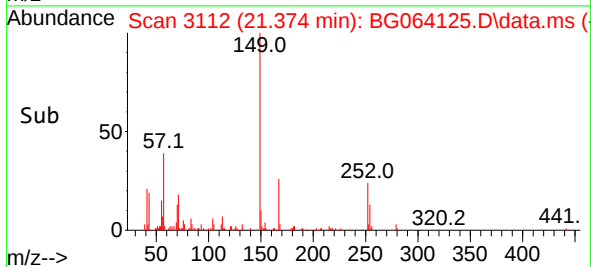
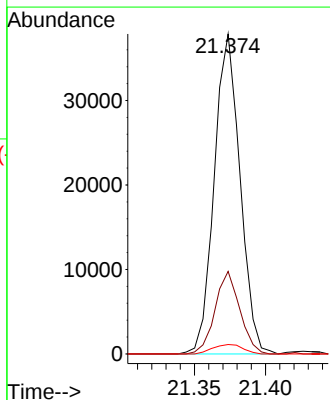
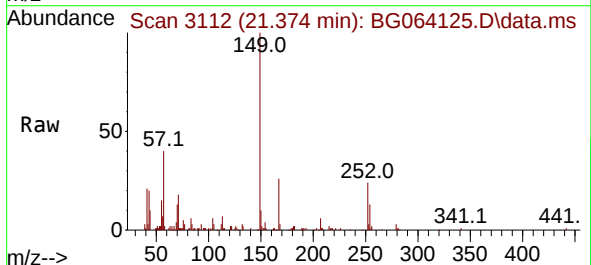
Manual Integrations  
APPROVED

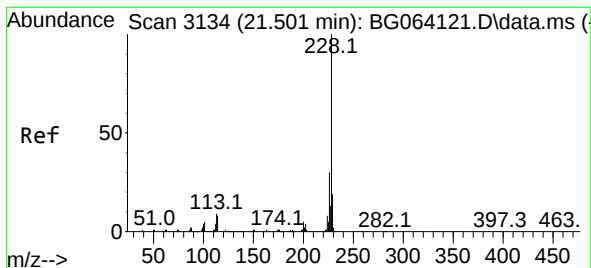
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 4.802 ng/ul  
RT: 21.374 min Scan# 3112  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

Tgt Ion:149 Resp: 47704  
Ion Ratio Lower Upper  
149 100  
167 25.8 21.0 31.4  
279 3.0 2.8 4.2





#87

Chrysene

Concen: 5.005 ng/ul

RT: 21.497 min Scan# 3134

Delta R.T. -0.004 min

Lab File: BG064125.D

Acq: 21 Mar 2025 11:26

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT1-2025-02

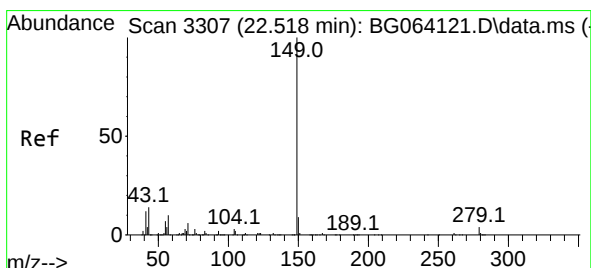
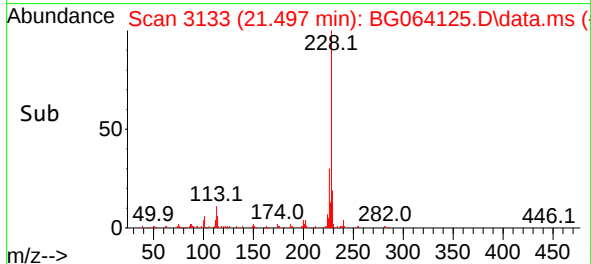
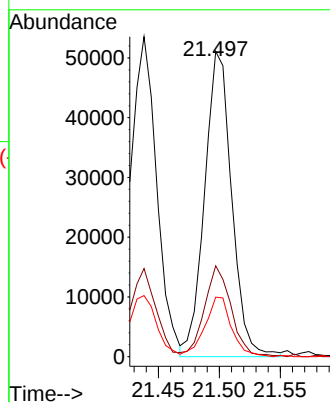
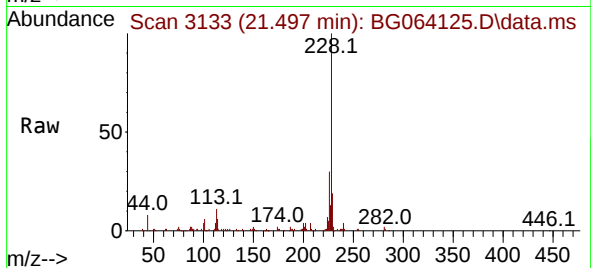
Tgt Ion:228 Resp: 79089  
 Ion Ratio Lower Upper  
 228 100  
 226 29.8 23.6 35.4  
 229 19.5 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#89

Di-n-octyl phthalate

Concen: 4.775 ng/ul

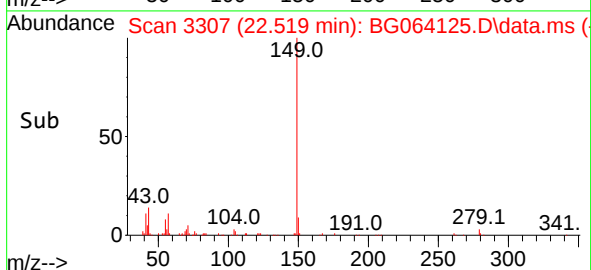
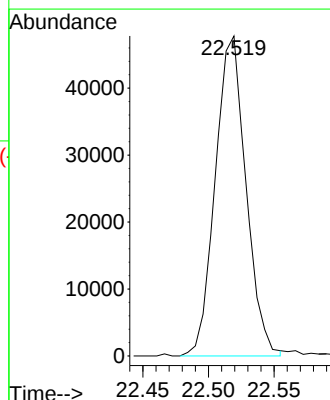
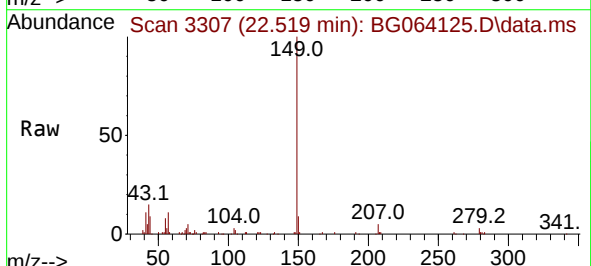
RT: 22.519 min Scan# 3307

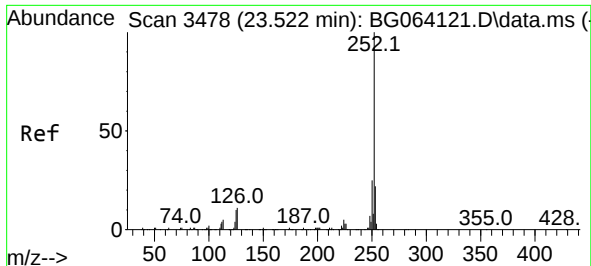
Delta R.T. 0.002 min

Lab File: BG064125.D

Acq: 21 Mar 2025 11:26

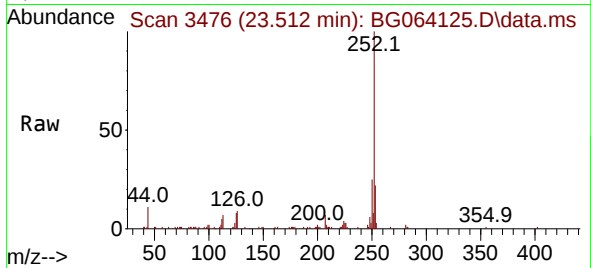
Tgt Ion:149 Resp: 77734





#90  
Benzo(b)fluoranthene  
Concen: 4.983 ng/ul  
RT: 23.512 min Scan# 3478  
Delta R.T. -0.004 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

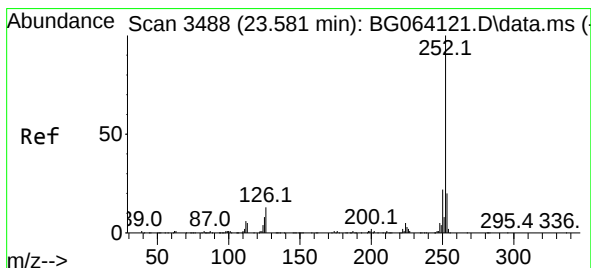
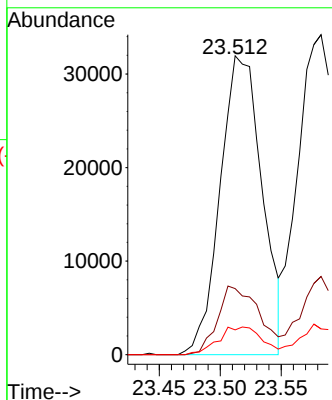
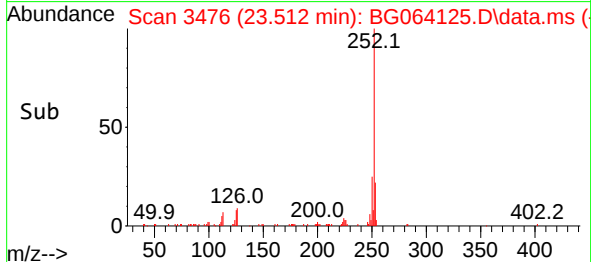
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:252 Resp: 7649  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.2  
125 8.3 7.8 11.6

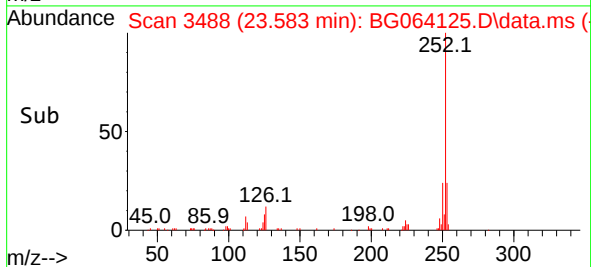
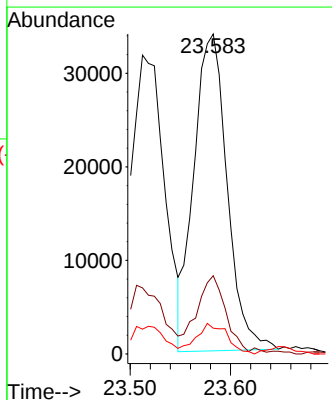
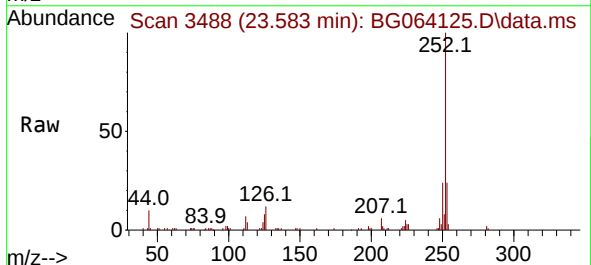
Manual Integrations  
APPROVED

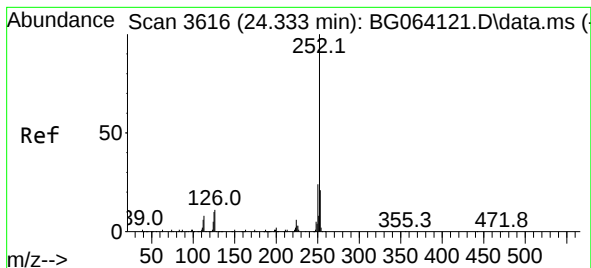
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#91  
Benzo(k)fluoranthene  
Concen: 4.991 ng/ul  
RT: 23.583 min Scan# 3488  
Delta R.T. 0.002 min  
Lab File: BG064125.D  
Acq: 21 Mar 2025 11:26

Tgt Ion:252 Resp: 78156  
Ion Ratio Lower Upper  
252 100  
253 24.5 17.7 26.5  
125 8.1 7.0 10.4





#93

Benzo(a)pyrene

Concen: 5.041 ng/ul

RT: 24.329 min Scan# 30

Delta R.T. 0.002 min

Lab File: BG064125.D

Acq: 21 Mar 2025 11:26

Instrument :

BNA\_G

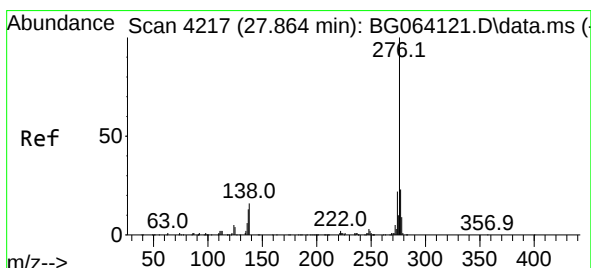
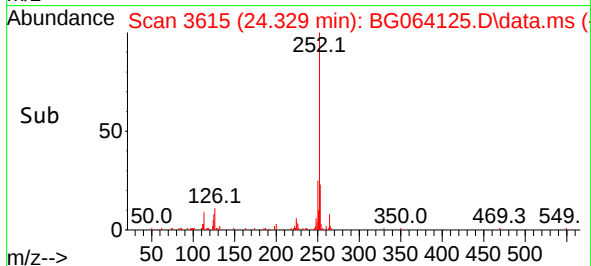
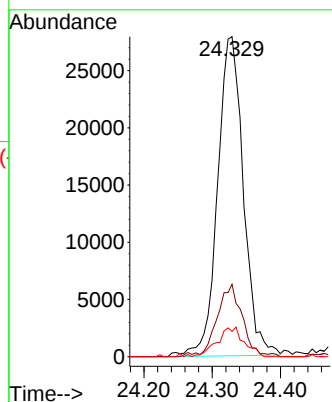
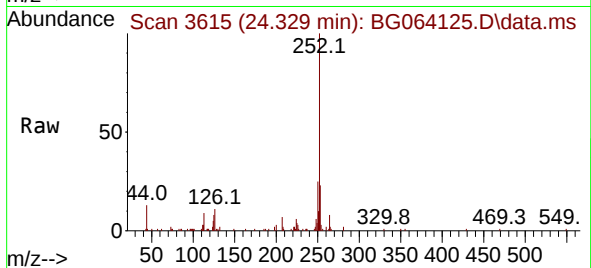
ClientSampleId :

MDL-WATER-QT1-2025-02

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 7306 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 22.6  | 16.3  | 24.5 |
| 125       | 7.9   | 7.3   | 10.9 |

Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/24/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.836 ng/ul

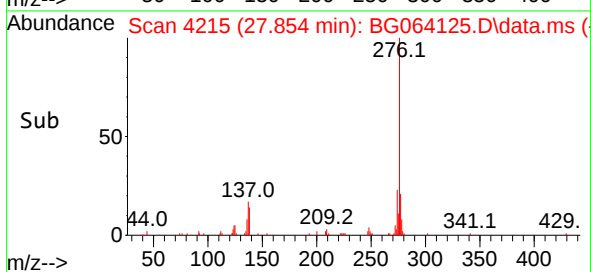
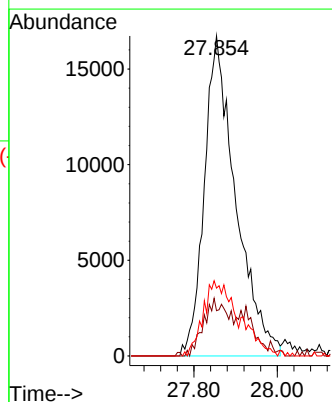
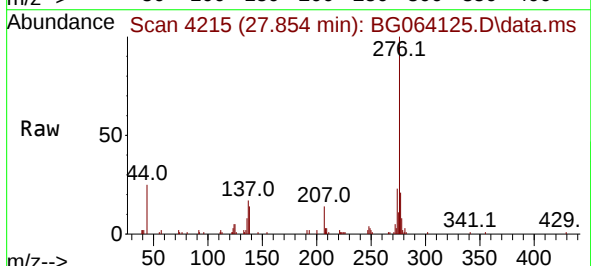
RT: 27.854 min Scan# 4215

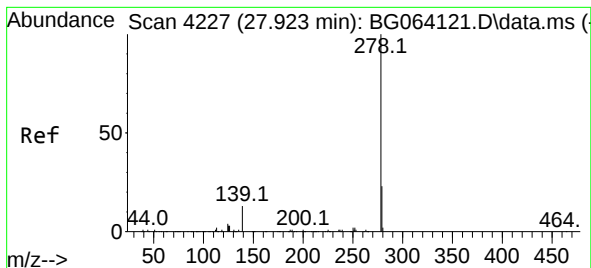
Delta R.T. 0.002 min

Lab File: BG064125.D

Acq: 21 Mar 2025 11:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 87741 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 14.1  | 12.5  | 18.7  |
| 277       | 21.2  | 19.4  | 29.2  |





#95

Dibenzo(a,h)anthracene

Concen: 5.016 ng/ul

RT: 27.913 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG064125.D

Acq: 21 Mar 2025 11:26

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT1-2025-02

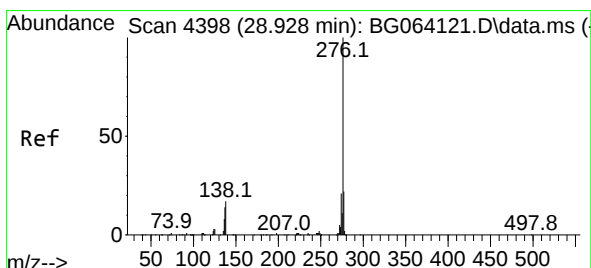
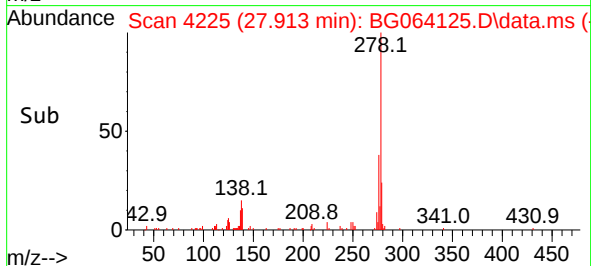
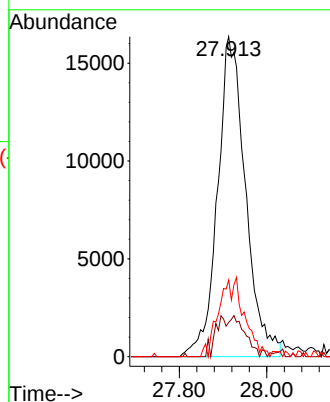
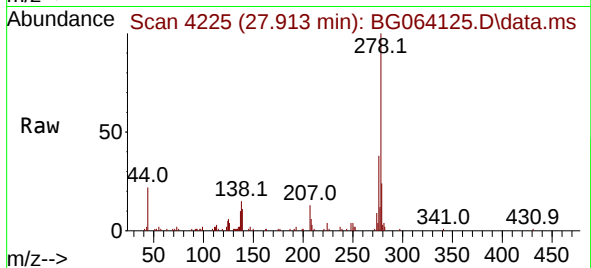
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 72489 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 10.7  | 10.0  | 15.0  |
| 279       | 24.0  | 20.4  | 30.6  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/24/2025



#96

Benzo(g,h,i)perylene

Concen: 4.793 ng/ul

RT: 28.912 min Scan# 4395

Delta R.T. -0.004 min

Lab File: BG064125.D

Acq: 21 Mar 2025 11:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 67422 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 19.9  | 13.4  | 20.0  |
| 277       | 24.1  | 19.1  | 28.7  |

