

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101923\  
 Data File : BG059493.D  
 Acq On : 19 Oct 2023 17:49  
 Operator : MA/JU  
 Sample : 02215-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-QT2-2023-03

Quant Time: Oct 20 04:17:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101923.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 20 03:52:07 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/20/2023  
 Supervised By :mohammad ahmed 10/20/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.189  | 152  | 47907    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.026 | 136  | 168177   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.828 | 164  | 107802   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.578 | 188  | 259514   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.867 | 240  | 262395   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.310 | 264  | 295328   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.476  | 96   | 6868m    | 4.522  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.911  | 84   | 79913    | 15.324 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.313  | 99   | 151338   | 31.702 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.507  | 67   | 97446    | 35.612 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.707  | 132  | 101769   | 26.689 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.882  | 113  | 72645    | 17.664 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.387  | 128  | 36187    | 22.049 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.110 | 143  | 40171    | 24.866 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.627 | 165  | 69876    | 23.379 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.179 | 131  | 108581   | 24.466 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.223 | 166  | 239305   | 22.860 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.528 | 160  | 290363   | 24.094 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.016 | 143  | 39858    | 23.211 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.815 | 176  | 224852   | 25.155 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.927 | 200  | 40142    | 22.999 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.677 | 188  | 336456   | 23.544 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.951 | 212  | 405148   | 23.532 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.069 | 264  | 422322   | 24.989 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.512  | 88   | 2008m    | 1.162  | ng/uL  |          |
| 5) Pyridine                   | 3.941  | 79   | 11078    | 2.051  | ng/u1# | 68       |
| 6) Benzaldehyde               | 7.331  | 77   | 15974    | 7.432  | ng/u1# | 75       |
| 8) Phenol                     | 7.342  | 94   | 22854    | 4.842  | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.607  | 93   | 20611    | 5.058  | ng/u1  | 91       |
| 12) 2-Chlorophenol            | 7.742  | 128  | 17542    | 4.563  | ng/u1# | 86       |
| 13) 2-Methylphenol            | 8.617  | 108  | 12359    | 3.081  | ng/u1# | 65       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.711  | 45   | 26024m   | 2.866  | ng/u1  |          |
| 16) Acetophenone              | 9.035  | 105  | 18993    | 3.059  | ng/u1# | 85       |
| 17) N-Nitroso-di-n-propyla... | 8.993  | 70   | 8839     | 2.740  | ng/u1# | 97       |
| 18) 4-Methylphenol            | 8.946  | 108  | 11746    | 2.709  | ng/u1  | 95       |
| 19) Hexachloroethane          | 9.270  | 117  | 4284     | 2.709  | ng/u1# | 91       |
| 22) Nitrobenzene              | 9.428  | 77   | 12690    | 3.358  | ng/u1  | 90       |
| 23) Isophorone                | 9.934  | 82   | 26225    | 3.618  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 10.145 | 139  | 6590     | 3.876  | ng/u1# | 85       |
| 26) 2,4-Dimethylphenol        | 10.163 | 107  | 10463    | 3.240  | ng/u1  | 91       |
| 27) Bis(2-Chloroethoxy)met... | 10.421 | 93   | 17344    | 3.850  | ng/u1  | 96       |
| 29) 2,4-Dichlorophenol        | 10.656 | 162  | 11462    | 3.816  | ng/u1  | 88       |
| 30) Naphthalene               | 11.079 | 128  | 42398    | 4.012  | ng/u1  | 95       |
| 32) 4-Chloroaniline           | 11.203 | 127  | 16800    | 3.990  | ng/u1# | 74       |
| 33) Hexachlorobutadiene       | 11.308 | 225  | 7134     | 3.702  | ng/u1  | 88       |
| 34) Caprolactam               | 11.984 | 113  | 3749m    | 3.982  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.272 | 107  | 10213    | 3.459  | ng/u1# | 89       |
| 36) 2-Methylnaphthalene       | 12.672 | 142  | 27089    | 3.884  | ng/u1  | 100      |

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Quant Time: Oct 20 04:17:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101923.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 20 03:52:07 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/20/2023  
 Supervised By :mohammad ahmed 10/20/2023

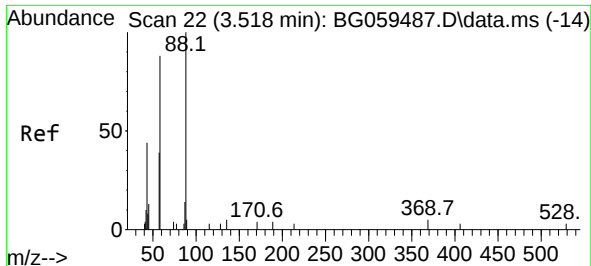
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.889 | 142  | 29164    | 4.102 | ng/ul# | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 13.012 | 216  | 14135    | 3.891 | ng/ul# | 85       |
| 40) Hexachlorocyclopentadiene | 12.965 | 237  | 8062     | 3.982 | ng/ul# | 95       |
| 41) 2,4,6-Trichlorophenol     | 13.265 | 196  | 8818     | 3.955 | ng/ul  | 90       |
| 42) 2,4,5-Trichlorophenol     | 13.330 | 196  | 8533m    | 3.346 | ng/ul  |          |
| 43) 1,1'-Biphenyl             | 13.664 | 154  | 39551    | 3.916 | ng/ul  | 93       |
| 44) 2-Chloronaphthalene       | 13.717 | 162  | 32651    | 4.112 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.935 | 65   | 8469     | 3.271 | ng/ul  | 87       |
| 47) Dimethylphthalate         | 14.270 | 163  | 40091    | 3.879 | ng/ul# | 97       |
| 48) 2,6-Dinitrotoluene        | 14.411 | 165  | 6527     | 3.208 | ng/ul  | 89       |
| 50) Acenaphthylene            | 14.558 | 152  | 49350    | 3.803 | ng/ul  | 96       |
| 51) 3-Nitroaniline            | 14.757 | 138  | 7445     | 3.797 | ng/ul# | 61       |
| 52) Acenaphthene              | 14.887 | 153  | 32979    | 3.944 | ng/ul  | 84       |
| 53) 2,4-Dinitrophenol         | 14.951 | 184  | 6702     | 6.494 | ng/ul# | 84       |
| 55) 4-Nitrophenol             | 15.028 | 109  | 4940     | 4.152 | ng/ul  | 85       |
| 56) Dibenzofuran              | 15.227 | 168  | 45595    | 4.044 | ng/ul  | 92       |
| 57) 2,4-Dinitrotoluene        | 15.192 | 165  | 9981     | 3.585 | ng/ul# | 81       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.439 | 232  | 8926     | 3.907 | ng/ul# | 75       |
| 59) Diethylphthalate          | 15.609 | 149  | 36976    | 3.920 | ng/ul  | 93       |
| 61) Fluorene                  | 15.868 | 166  | 39580    | 4.194 | ng/ul  | 96       |
| 62) 4-Chlorophenyl-phenyle... | 15.856 | 204  | 19548    | 4.060 | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 15.915 | 138  | 7691     | 4.050 | ng/ul# | 66       |
| 66) 4,6-Dinitro-2-methylph... | 15.938 | 198  | 7234     | 3.908 | ng/ul# | 60       |
| 67) N-Nitrosodiphenylamine    | 16.073 | 169  | 31480    | 3.926 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.755 | 248  | 12495    | 4.269 | ng/ul  | 93       |
| 69) Hexachlorobenzene         | 16.843 | 284  | 13749    | 4.147 | ng/ul# | 81       |
| 70) Atrazine                  | 17.008 | 200  | 12497    | 4.370 | ng/ul# | 94       |
| 71) Pentachlorophenol         | 17.201 | 266  | 10468m   | 5.621 | ng/ul  |          |
| 72) Phenanthrene              | 17.619 | 178  | 66639m   | 3.935 | ng/ul  |          |
| 74) Anthracene                | 17.707 | 178  | 68271    | 3.916 | ng/ul  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.623 | 216  | 14293    | 3.744 | ng/uL# | 76       |
| 76) Pentachlorobenzene        | 15.116 | 250  | 16364    | 4.376 | ng/uL  | 95       |
| 77) Carbazole                 | 17.989 | 167  | 57185    | 4.092 | ng/ul  | 97       |
| 78) Di-n-butylphthalate       | 18.494 | 149  | 65856    | 3.861 | ng/ul  | 97       |
| 80) Fluoranthene              | 19.616 | 202  | 80116    | 3.773 | ng/ul  | 96       |
| 82) Pyrene                    | 19.981 | 202  | 86974    | 3.886 | ng/ul  | 95       |
| 83) Butylbenzylphthalate      | 20.833 | 149  | 28867    | 3.716 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.761 | 252  | 33288    | 4.729 | ng/ul  | 93       |
| 85) Benzo(a)anthracene        | 21.843 | 228  | 81611    | 3.758 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.679 | 149  | 43853    | 3.869 | ng/ul  | 99       |
| 87) Chrysene                  | 21.914 | 228  | 79793    | 3.930 | ng/ul  | 94       |
| 89) Di-n-octyl phthalate      | 22.959 | 149  | 73530    | 4.121 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.193 | 252  | 85386m   | 4.061 | ng/ul  |          |
| 91) Benzo(k)fluoranthene      | 24.264 | 252  | 83846    | 3.857 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 25.145 | 252  | 83385    | 4.163 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.270 | 276  | 91047m   | 3.993 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 29.352 | 278  | 75902    | 4.093 | ng/ul  | 94       |
| 96) Benzo(g,h,i)perylene      | 30.527 | 276  | 78754m   | 4.113 | ng/ul  |          |

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

## Manual Integrations

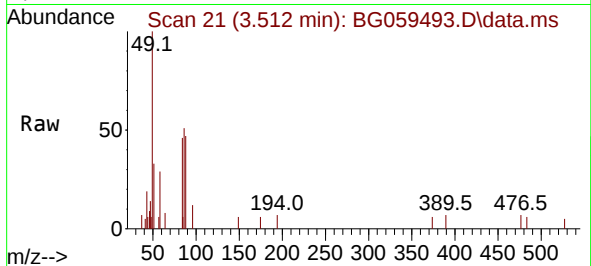
Quant Time: Oct 20 04:17:53 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG101923.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Oct 20 03:52:07 2023  
Response via : Initial Calibration





#2  
1,4-Dioxane  
Concen: 1.162 ng/uL m  
RT: 3.512 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

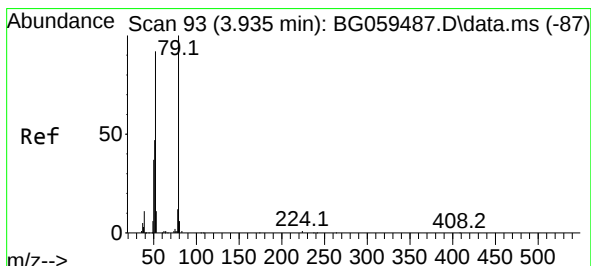
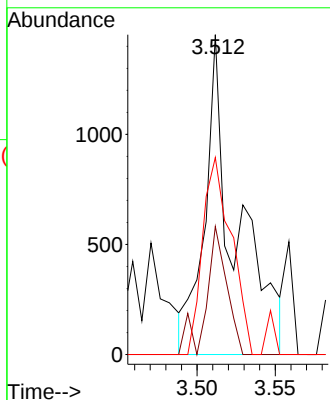
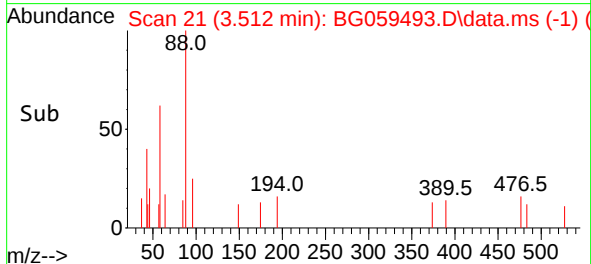
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03



Tgt Ion: 88 Resp: 2008  
Ion Ratio Lower Upper  
88 100  
43 40.1 35.5 53.3  
58 61.6 70.4 105.6

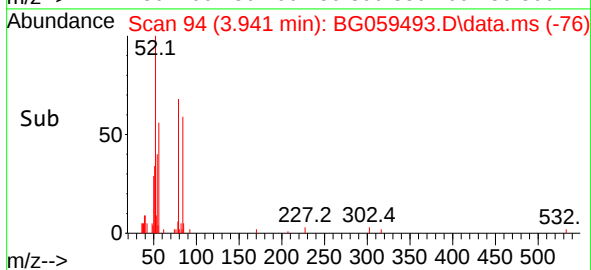
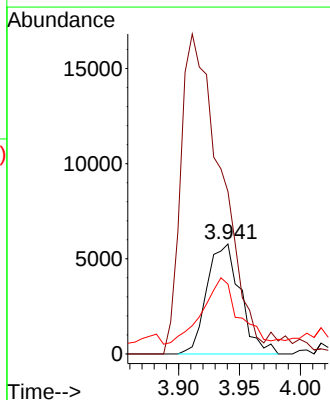
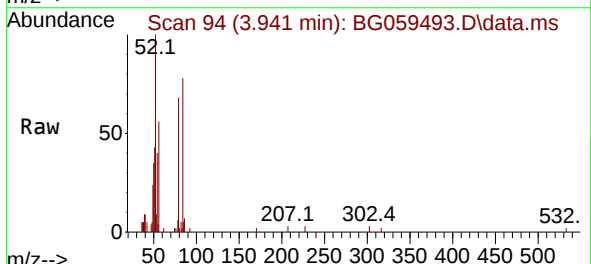
Manual Integrations  
APPROVED

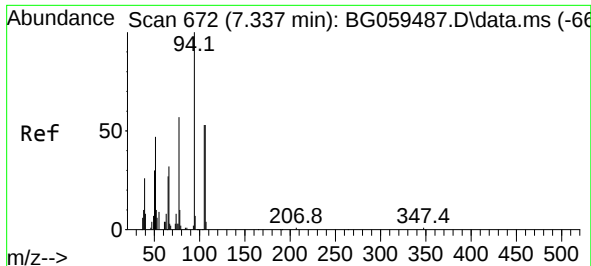
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#5  
Pyridine  
Concen: 2.051 ng/uL  
RT: 3.941 min Scan# 94  
Delta R.T. 0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Tgt Ion: 79 Resp: 11078  
Ion Ratio Lower Upper  
79 100  
52 147.7 87.8 131.8#  
51 63.6 38.6 58.0#





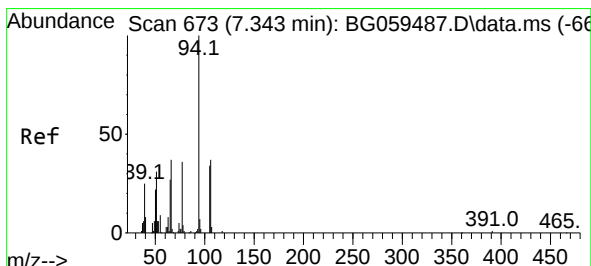
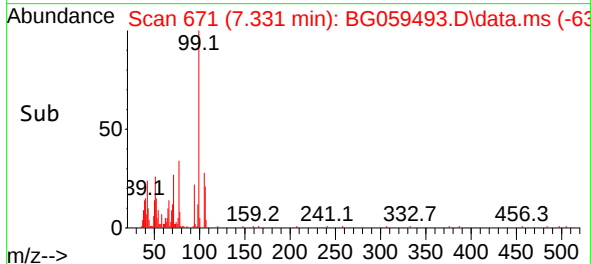
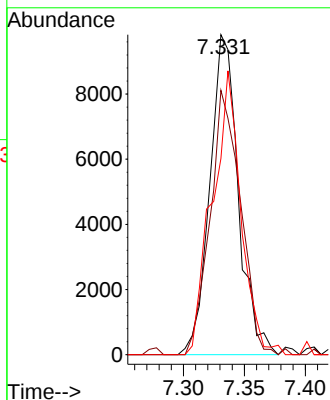
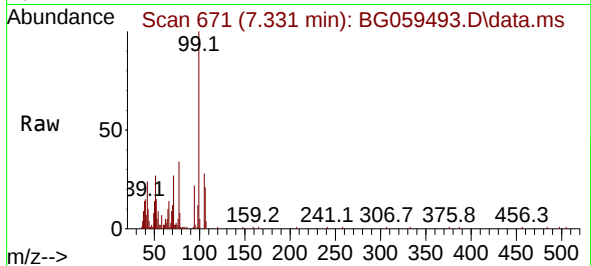
#6  
Benzaldehyde  
Concen: 7.432 ng/ul  
RT: 7.331 min Scan# 671  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03

Tgt Ion: 77 Resp: 15974  
Ion Ratio Lower Upper  
77 100  
105 82.6 76.2 114.4  
106 61.3 77.3 115.9

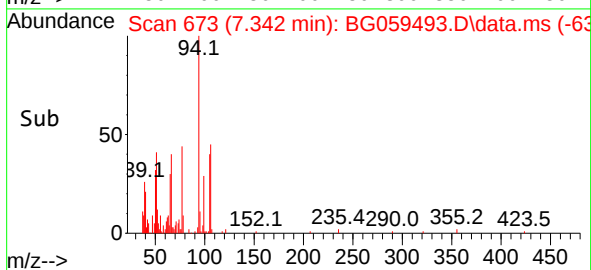
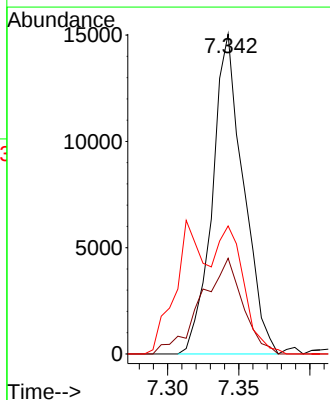
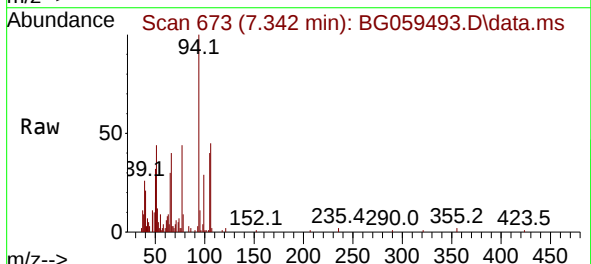
Manual Integrations  
APPROVED

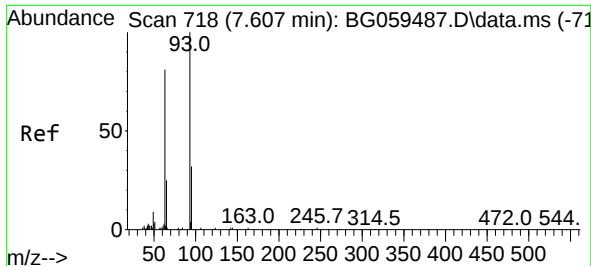
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#8  
Phenol  
Concen: 4.842 ng/ul  
RT: 7.342 min Scan# 673  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

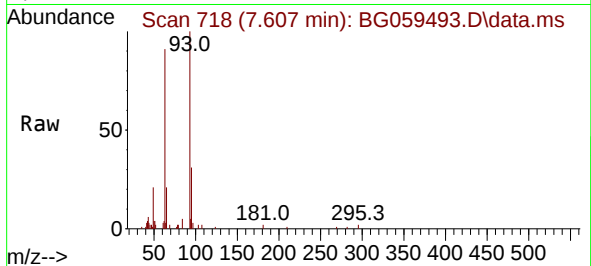
Tgt Ion: 94 Resp: 22854  
Ion Ratio Lower Upper  
94 100  
65 29.9 21.9 32.9  
66 40.0 31.1 46.7





#10  
Bis(2-Chloroethyl)ether  
Concen: 5.058 ng/ul  
RT: 7.607 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

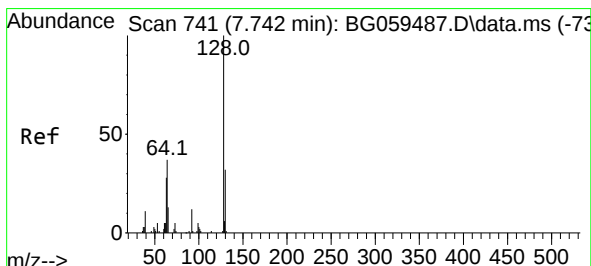
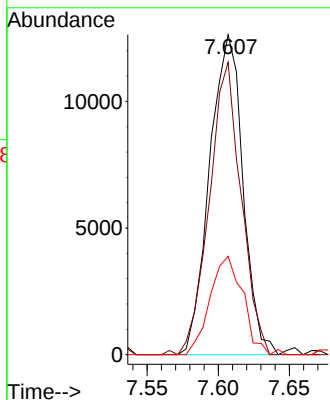
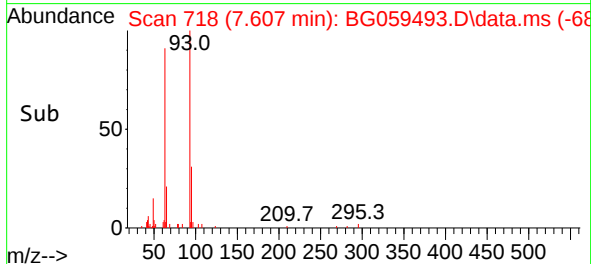
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03



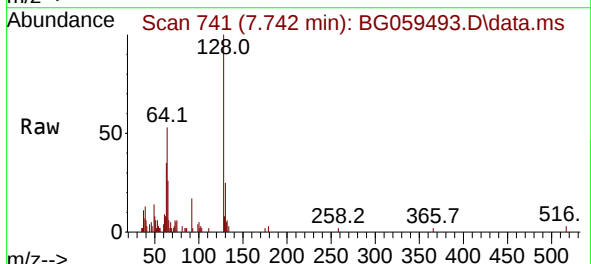
Tgt Ion: 93 Resp: 2061  
Ion Ratio Lower Upper  
93 100  
63 91.4 65.1 97.7  
95 30.7 25.6 38.4

Manual Integrations  
APPROVED

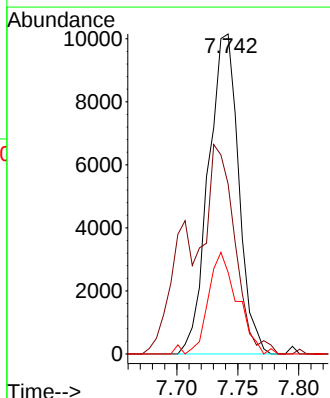
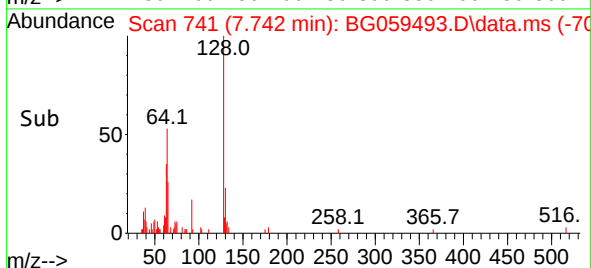
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023

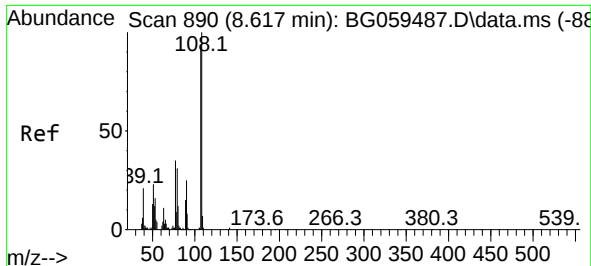


#12  
2-Chlorophenol  
Concen: 4.563 ng/ul  
RT: 7.742 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49



Tgt Ion:128 Resp: 17542  
Ion Ratio Lower Upper  
128 100  
64 53.1 34.3 51.5#  
130 25.5 25.8 38.8#





#13

2-Methylphenol

Concen: 3.081 ng/ul

RT: 8.617 min Scan# 890

Delta R.T. -0.000 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:108 Resp: 1235

Ion Ratio Lower Upper

108 100

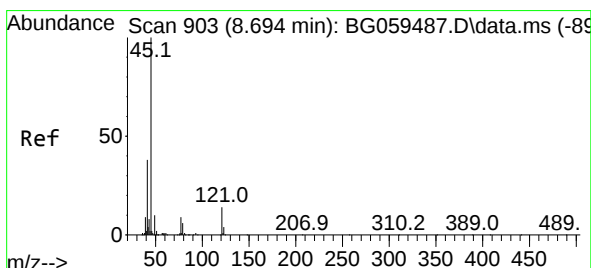
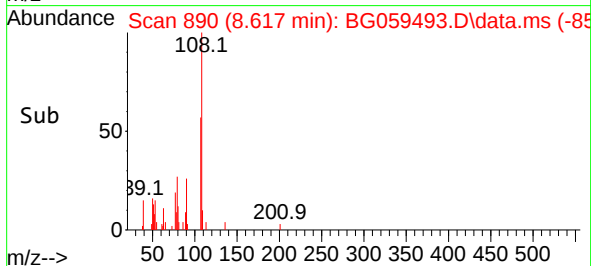
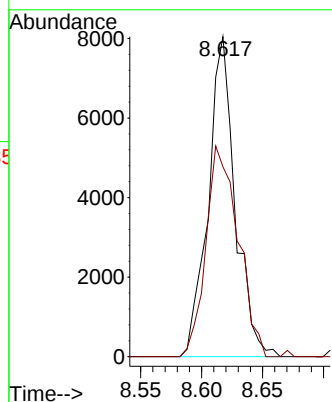
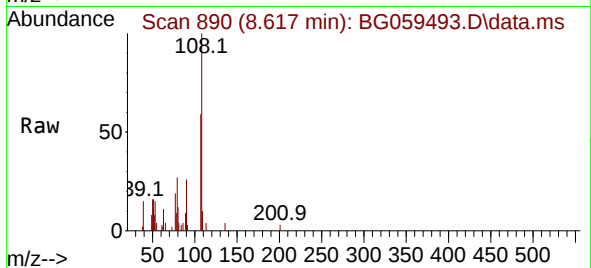
107 59.3 74.0 111.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/20/2023

Supervised By :mohammad ahmed 10/20/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 2.866 ng/ul m

RT: 8.711 min Scan# 906

Delta R.T. 0.018 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

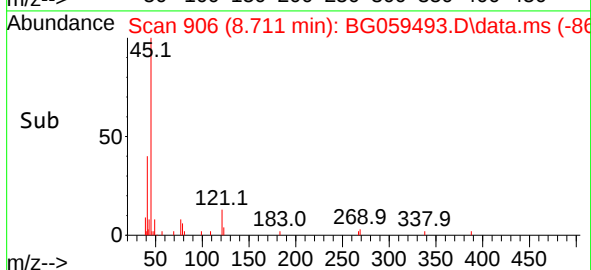
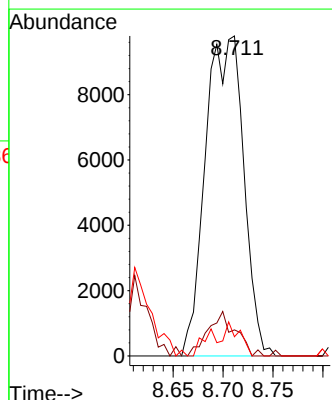
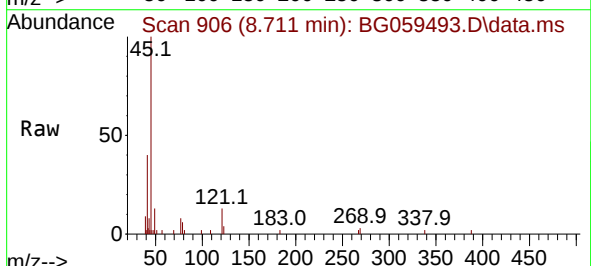
Tgt Ion: 45 Resp: 26024

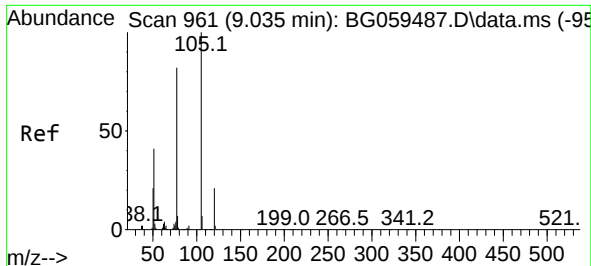
Ion Ratio Lower Upper

45 100

77 8.2 7.6 11.4

79 6.0 5.8 8.8





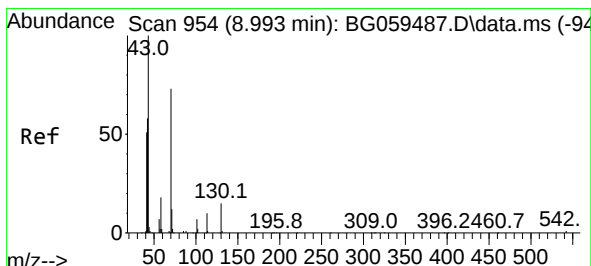
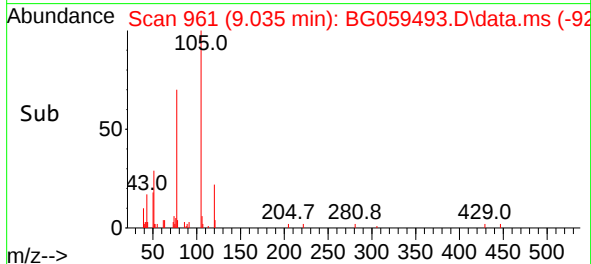
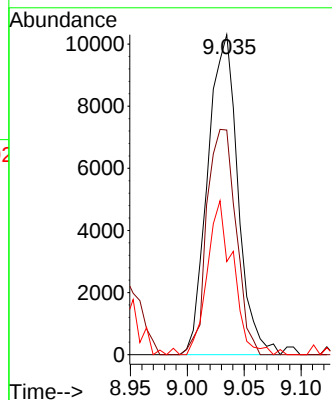
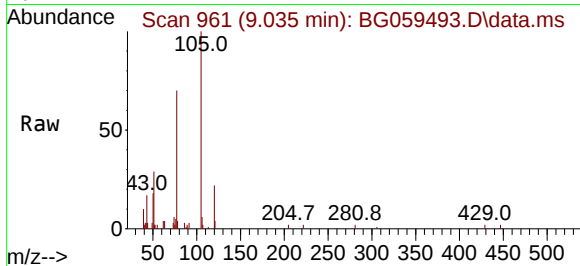
#16  
Acetophenone  
Concen: 3.059 ng/ul  
RT: 9.035 min Scan# 961  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 70.2  | 65.3  | 97.9  |
| 51      | 29.1  | 33.4  | 50.0  |

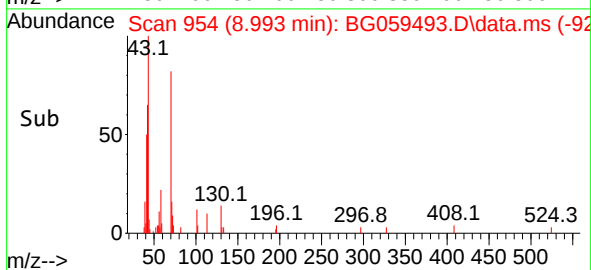
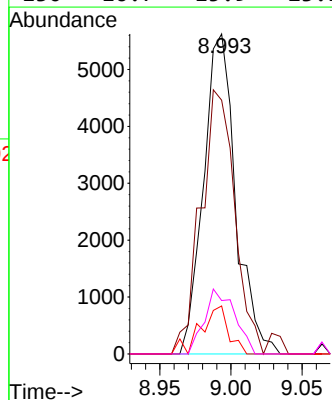
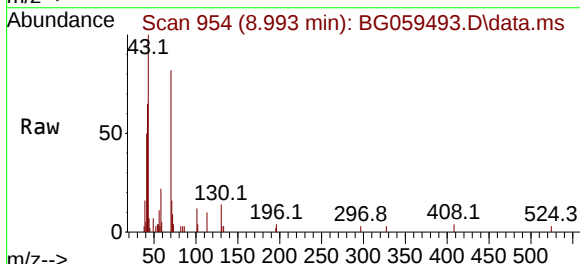
Manual Integrations  
APPROVED

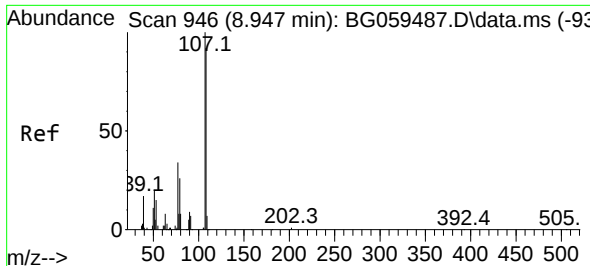
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#17  
N-Nitroso-di-n-propylamine  
Concen: 2.740 ng/ul  
RT: 8.993 min Scan# 954  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

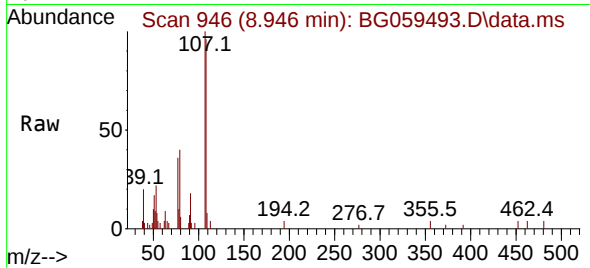
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 79.3  | 63.5  | 95.3  |
| 101     | 15.0  | 7.3   | 10.9  |
| 130     | 16.7  | 15.9  | 23.9  |





#18  
4-Methylphenol  
Concen: 2.709 ng/ul  
RT: 8.946 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

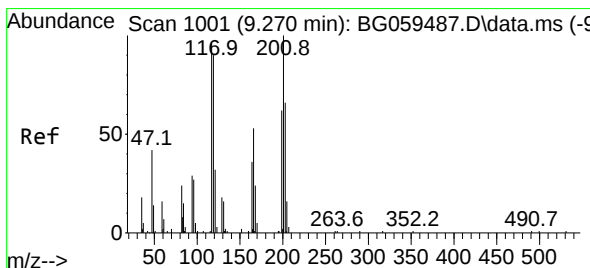
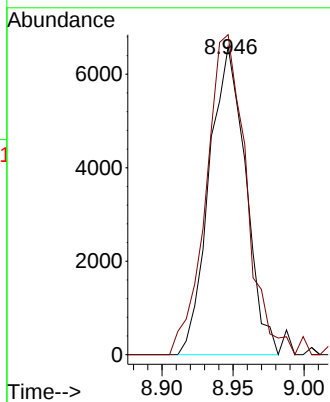
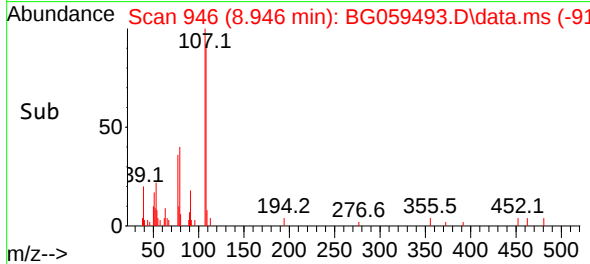
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion:108 Resp: 11740  
Ion Ratio Lower Upper  
108 100  
107 103.9 87.1 130.7

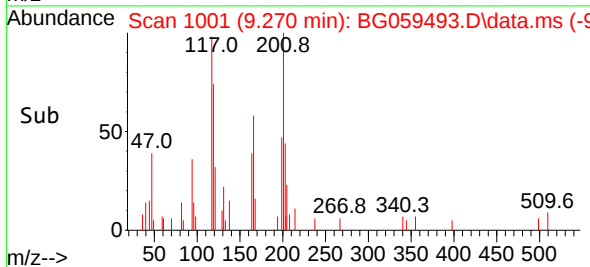
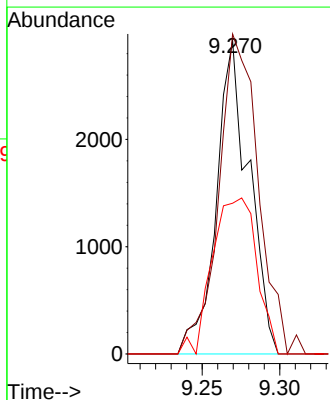
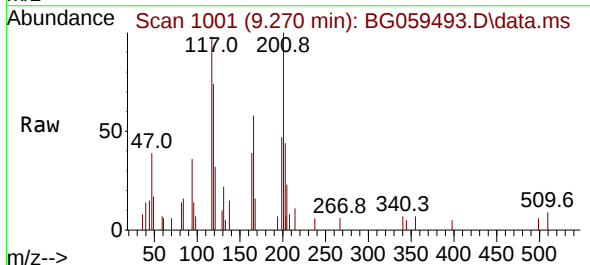
Manual Integrations  
APPROVED

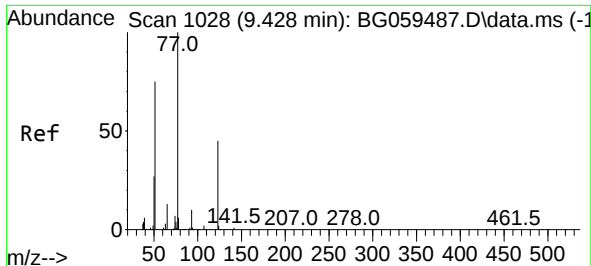
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#19  
Hexachloroethane  
Concen: 2.709 ng/ul  
RT: 9.270 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Tgt Ion:117 Resp: 4284  
Ion Ratio Lower Upper  
117 100  
201 102.1 83.0 124.6  
199 48.1 51.4 77.2#





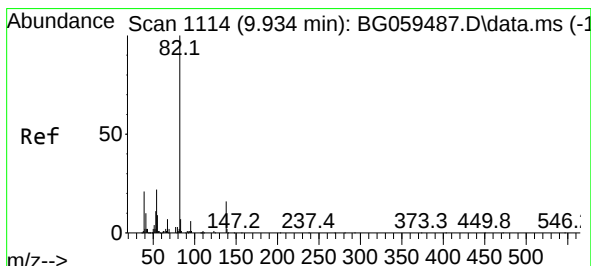
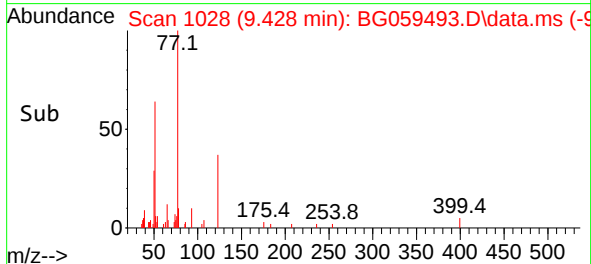
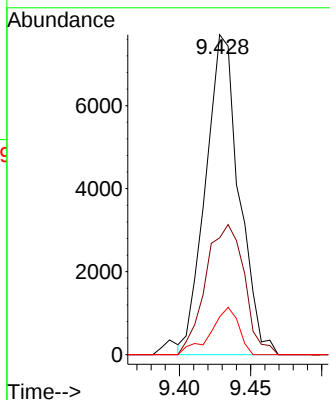
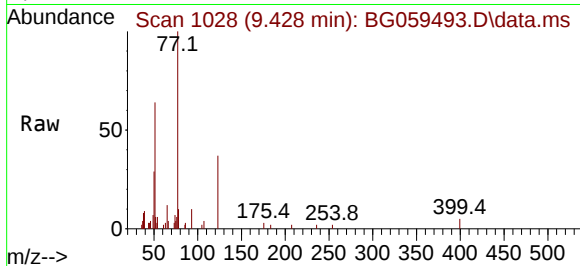
#22  
Nitrobenzene  
Concen: 3.358 ng/ul  
RT: 9.428 min Scan# 1028  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 36.5  | 35.6  | 53.4  |
| 65      | 11.8  | 10.2  | 15.4  |

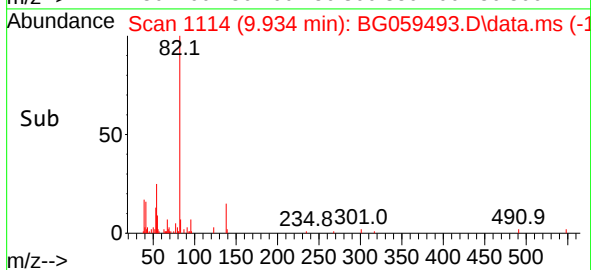
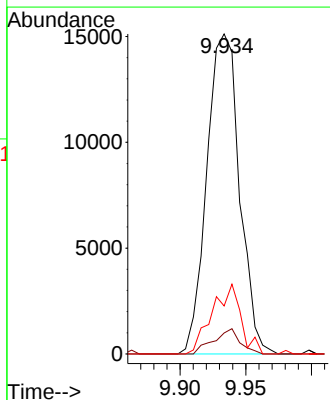
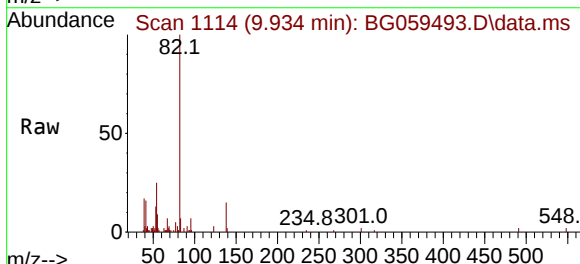
Manual Integrations  
APPROVED

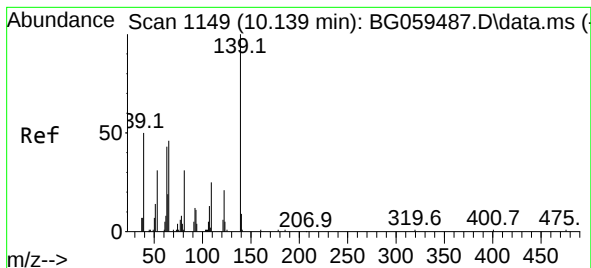
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#23  
Isophorone  
Concen: 3.618 ng/ul  
RT: 9.934 min Scan# 1114  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

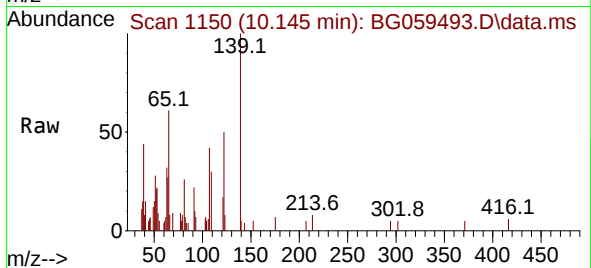
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.5   | 5.0   | 7.6   |
| 138     | 15.0  | 13.0  | 19.4  |





#25  
2-Nitrophenol  
Concen: 3.876 ng/ul  
RT: 10.145 min Scan# 1149  
Delta R.T. 0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

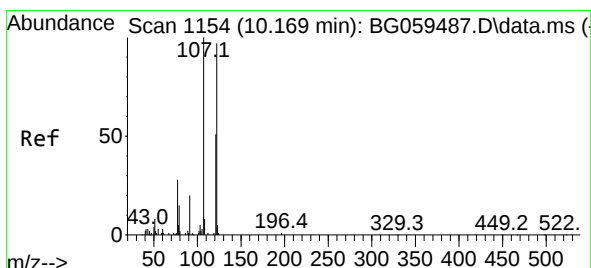
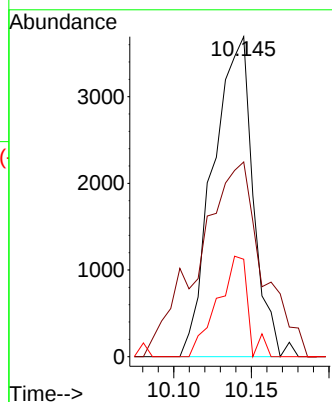
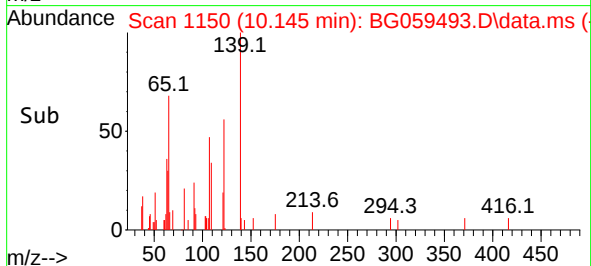
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03



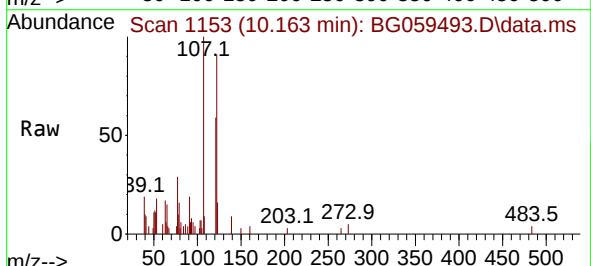
Tgt Ion:139 Resp: 6590  
Ion Ratio Lower Upper  
139 100  
65 60.9 39.1 58.7  
109 30.5 20.3 30.5

Manual Integrations  
APPROVED

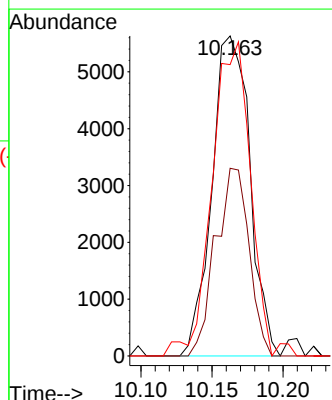
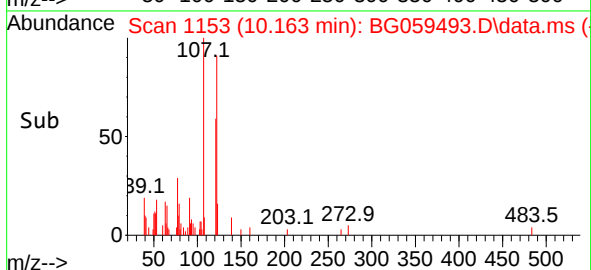
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023

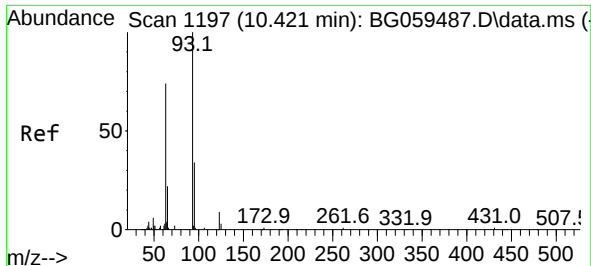


#26  
2,4-Dimethylphenol  
Concen: 3.240 ng/ul  
RT: 10.163 min Scan# 1153  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49



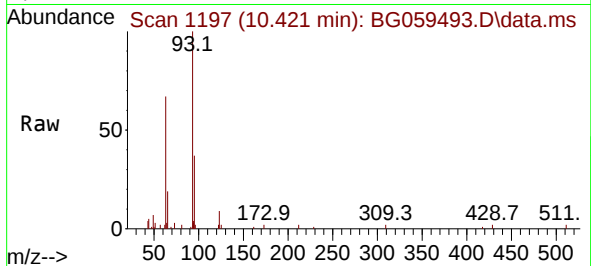
Tgt Ion:107 Resp: 10463  
Ion Ratio Lower Upper  
107 100  
121 58.6 40.6 60.8  
122 91.0 79.2 118.8





#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 3.850 ng/ul  
 RT: 10.421 min Scan# 1197  
 Delta R.T. -0.000 min  
 Lab File: BG059493.D  
 Acq: 19 Oct 2023 17:49

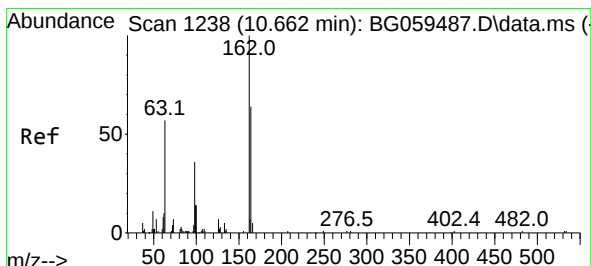
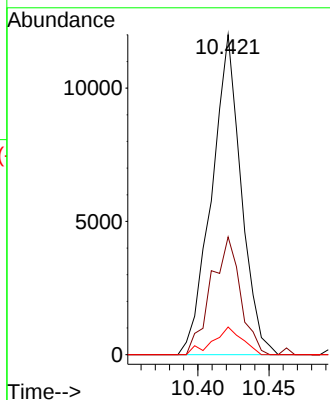
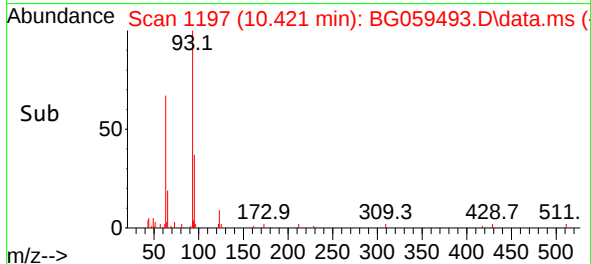
Instrument : BNA\_G  
 ClientSampleId : MDL-WATER-QT2-2023-03



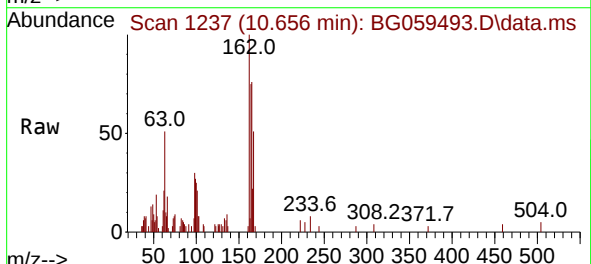
|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 1734  |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 95 36.8     | 27.2 40.8   |
| 123 8.6     | 7.4 11.0    |

Manual Integrations  
 APPROVED

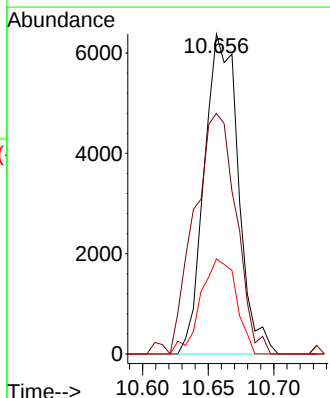
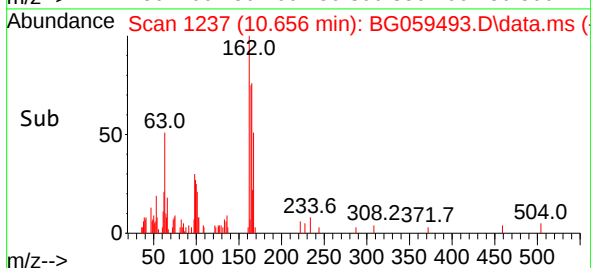
Reviewed By :Yogesh Patel 10/20/2023  
 Supervised By :mohammad ahmed 10/20/2023

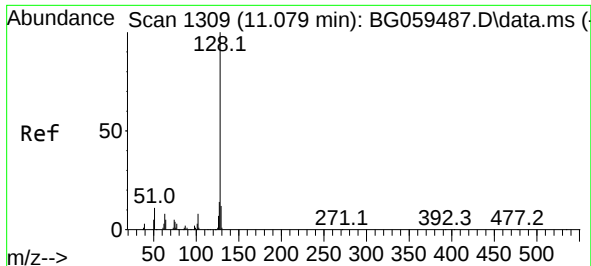


#29  
 2,4-Dichlorophenol  
 Concen: 3.816 ng/ul  
 RT: 10.656 min Scan# 1237  
 Delta R.T. -0.006 min  
 Lab File: BG059493.D  
 Acq: 19 Oct 2023 17:49



|             |             |
|-------------|-------------|
| Tgt Ion:162 | Resp: 11462 |
| Ion Ratio   | Lower Upper |
| 162 100     |             |
| 164 75.2    | 52.4 78.6   |
| 98 29.7     | 28.6 43.0   |





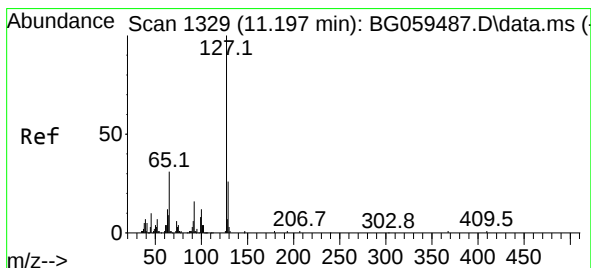
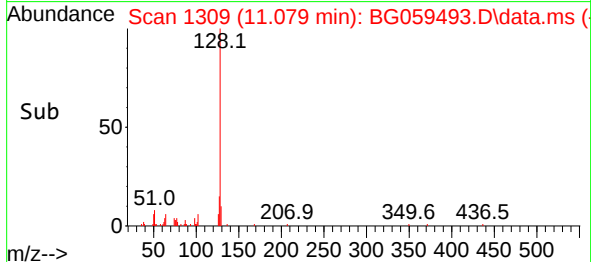
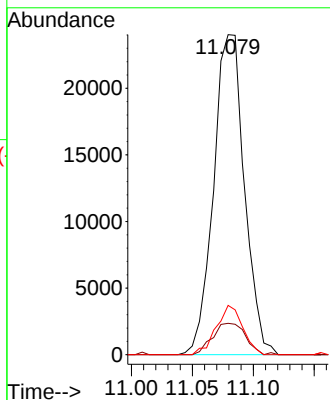
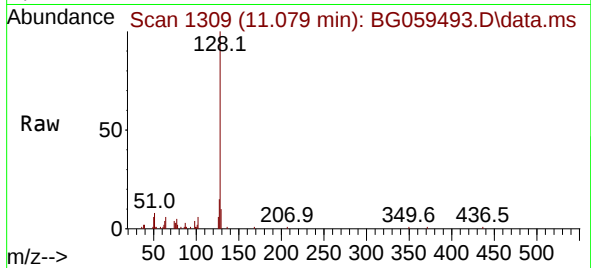
#30  
Naphthalene  
Concen: 4.012 ng/ul  
RT: 11.079 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03

Tgt Ion:128 Resp: 42398  
Ion Ratio Lower Upper  
128 100  
129 9.8 9.6 14.4  
127 15.4 11.0 16.6

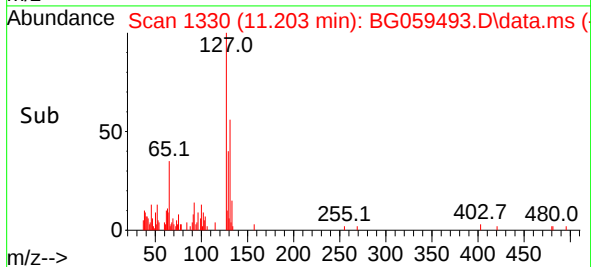
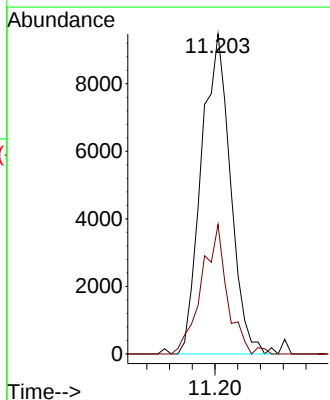
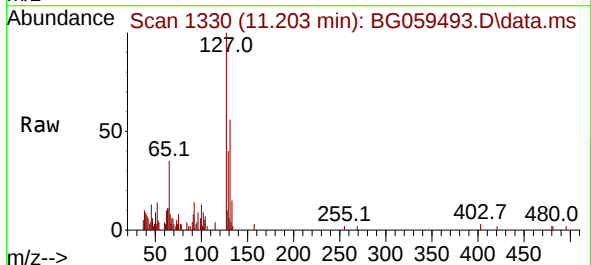
Manual Integrations  
APPROVED

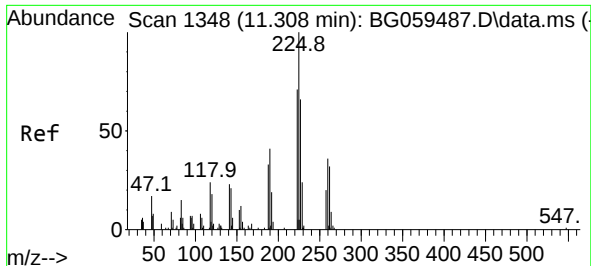
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#32  
4-Chloroaniline  
Concen: 3.990 ng/ul  
RT: 11.203 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

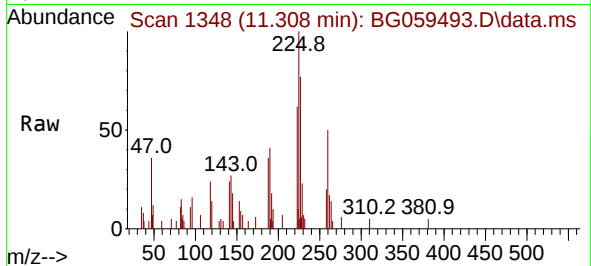
Tgt Ion:127 Resp: 16800  
Ion Ratio Lower Upper  
127 100  
129 40.5 21.5 32.3#





#33  
Hexachlorobutadiene  
Concen: 3.702 ng/ul  
RT: 11.308 min Scan# 1134  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

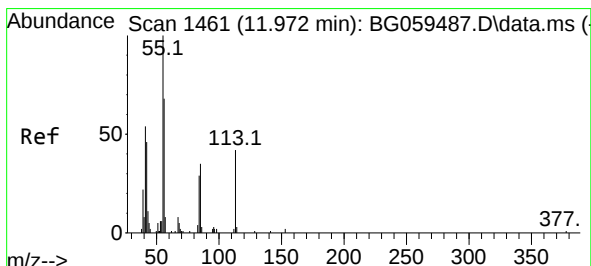
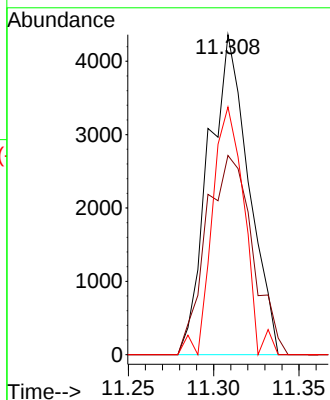
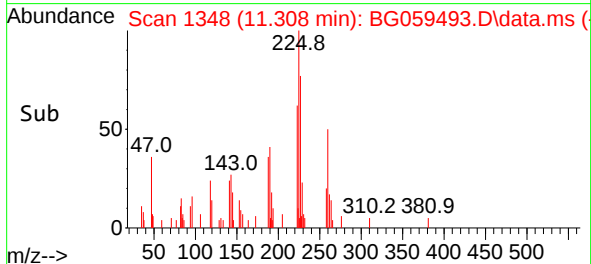
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03



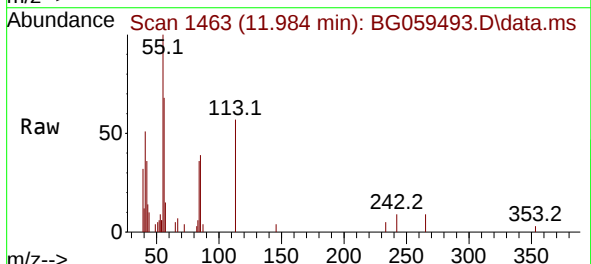
Tgt Ion:225 Resp: 7134  
Ion Ratio Lower Upper  
225 100  
223 62.2 57.2 85.8  
227 77.4 53.0 79.6

Manual Integrations  
APPROVED

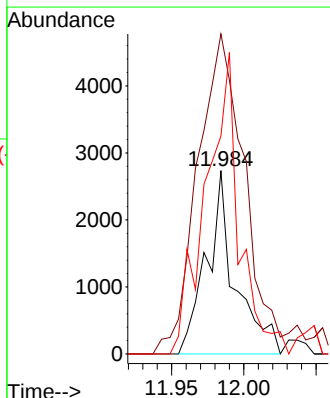
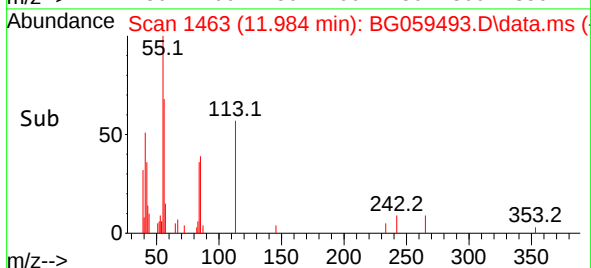
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023

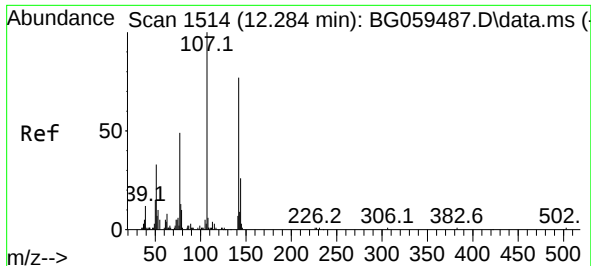


#34  
Caprolactam  
Concen: 3.982 ng/ul m  
RT: 11.984 min Scan# 1463  
Delta R.T. 0.012 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49



Tgt Ion:113 Resp: 3749  
Ion Ratio Lower Upper  
113 100  
55 174.5 192.5 288.7#  
56 118.8 132.7 199.1#





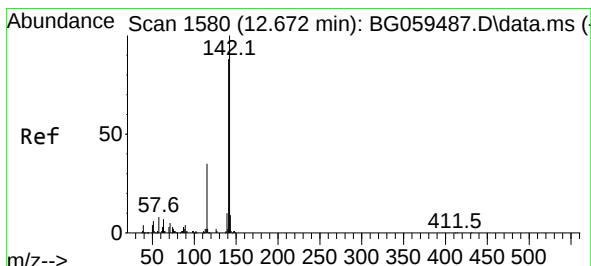
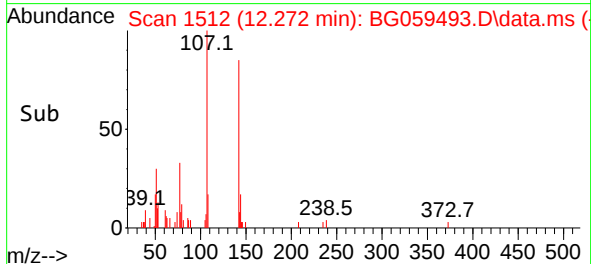
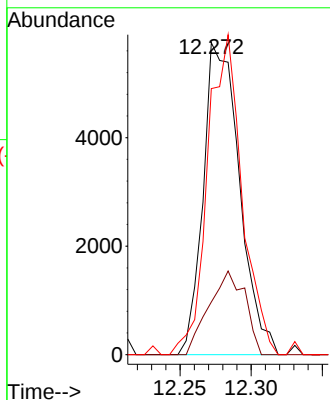
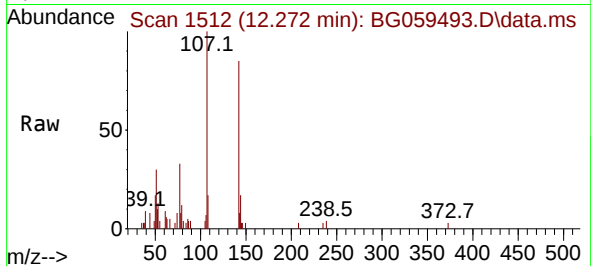
#35  
4-Chloro-3-methylphenol  
Concen: 3.459 ng/ul  
RT: 12.272 min Scan# 1514  
Delta R.T. -0.012 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03

Tgt Ion:107 Resp: 1021  
Ion Ratio Lower Upper  
107 100  
144 16.9 20.6 30.8  
142 85.3 62.2 93.2

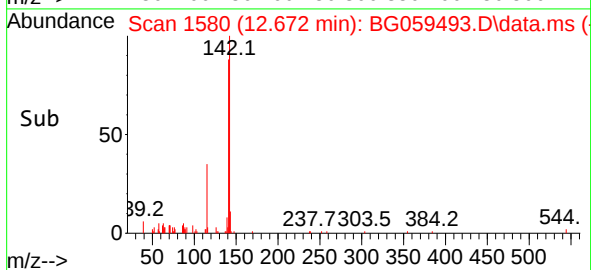
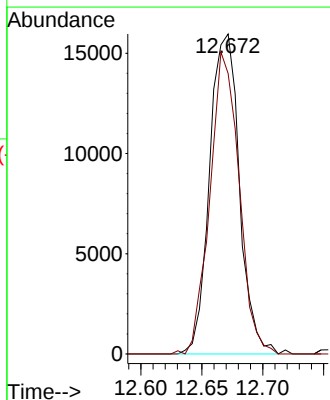
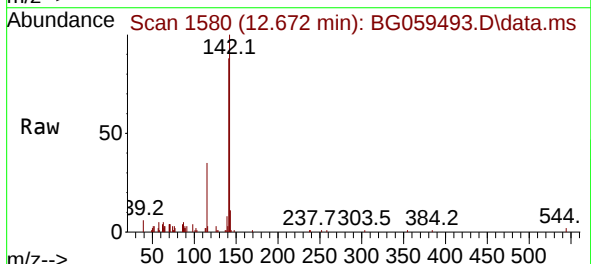
Manual Integrations  
APPROVED

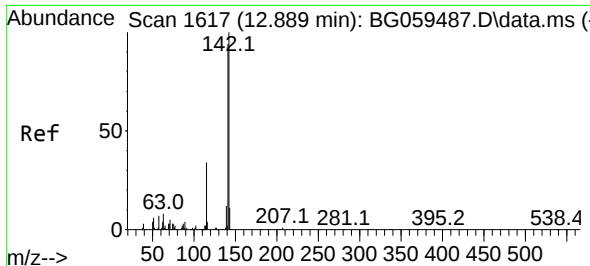
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#36  
2-Methylnaphthalene  
Concen: 3.884 ng/ul  
RT: 12.672 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

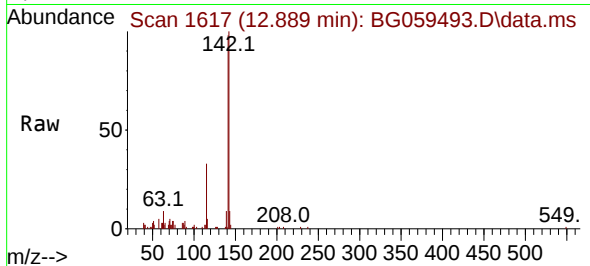
Tgt Ion:142 Resp: 27089  
Ion Ratio Lower Upper  
142 100  
141 87.6 70.2 105.2





#37  
1-Methylnaphthalene  
Concen: 4.102 ng/ul  
RT: 12.889 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

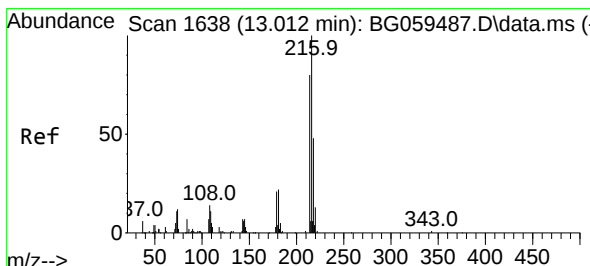
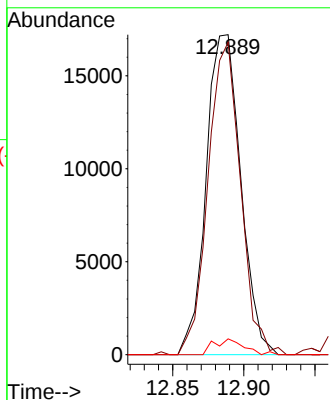
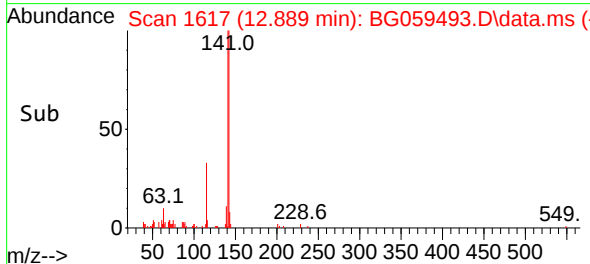
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03



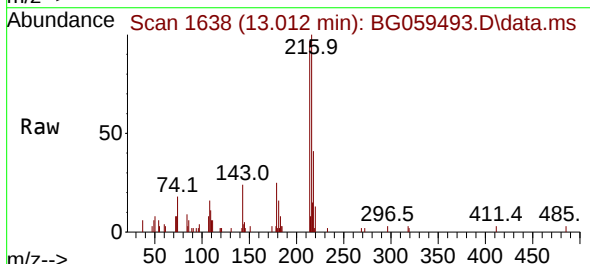
Tgt Ion:142 Resp: 29164  
Ion Ratio Lower Upper  
142 100  
141 97.6 75.6 113.4  
116 5.0 3.0 4.4

Manual Integrations  
APPROVED

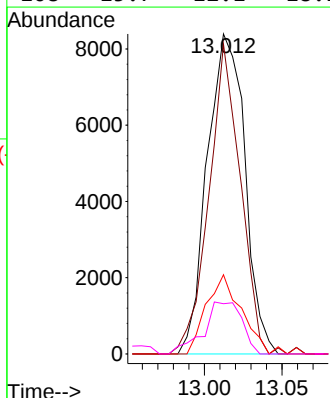
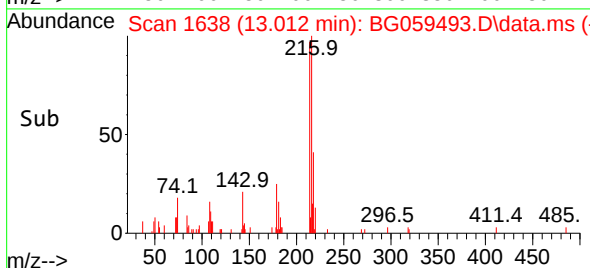
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023

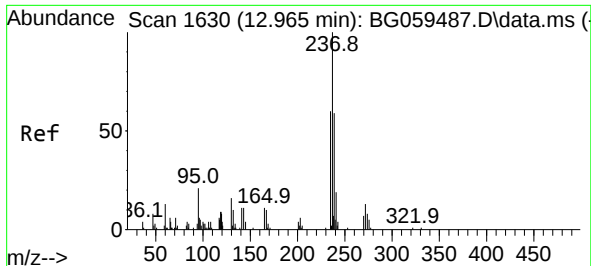


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 3.891 ng/ul  
RT: 13.012 min Scan# 1638  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49



Tgt Ion:216 Resp: 14135  
Ion Ratio Lower Upper  
216 100  
214 96.9 63.8 95.8#  
179 24.8 17.4 26.0  
108 15.7 12.1 18.1





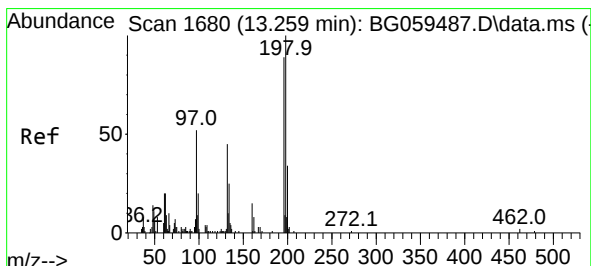
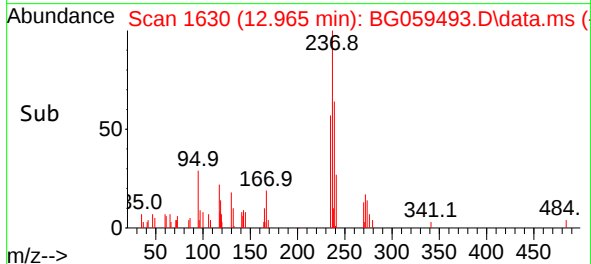
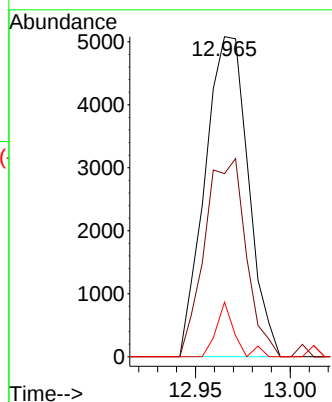
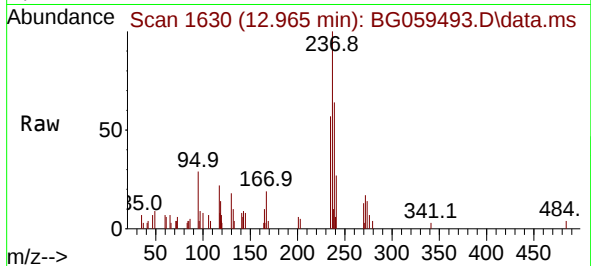
#40  
Hexachlorocyclopentadiene  
Concen: 3.982 ng/ul  
RT: 12.965 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 8062      |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 57.2  | 48.5 72.7 |
| 272         | 17.1  | 10.6 16.0 |

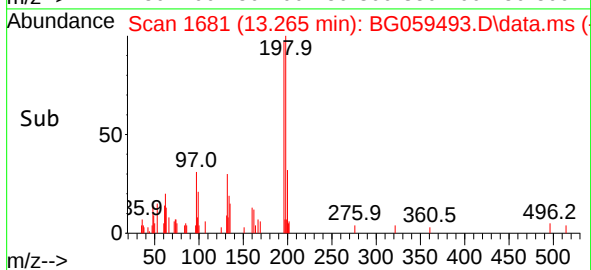
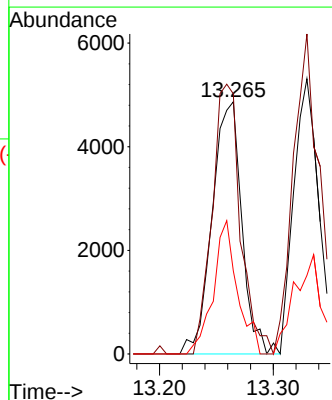
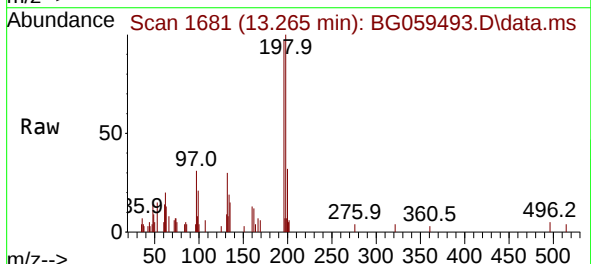
Manual Integrations  
APPROVED

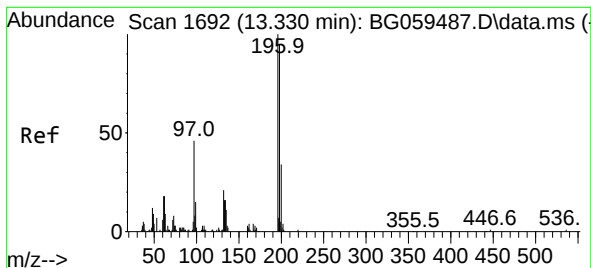
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#41  
2,4,6-Trichlorophenol  
Concen: 3.955 ng/ul  
RT: 13.265 min Scan# 1681  
Delta R.T. 0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

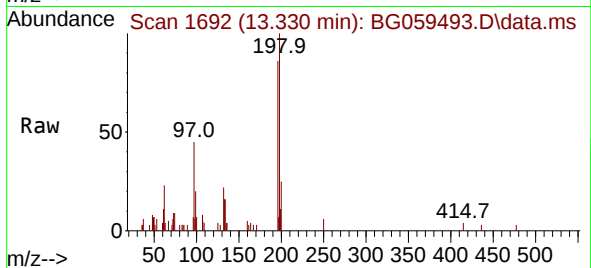
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 8818       |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 103.2 | 91.1 136.7 |
| 200         | 32.9  | 31.0 46.6  |





#42  
2,4,5-Trichlorophenol  
Concen: 3.346 ng/ul m  
RT: 13.330 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

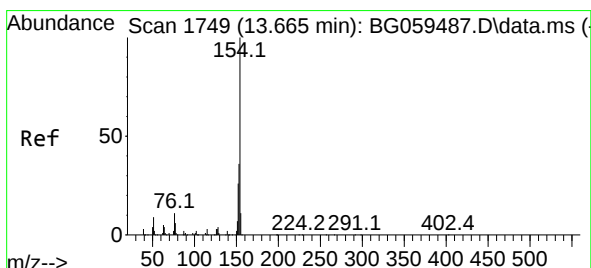
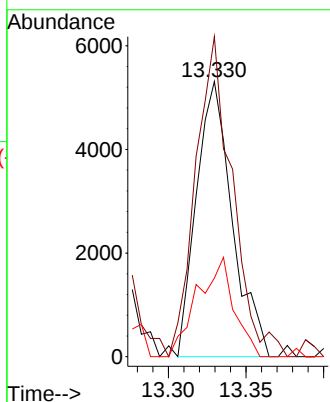
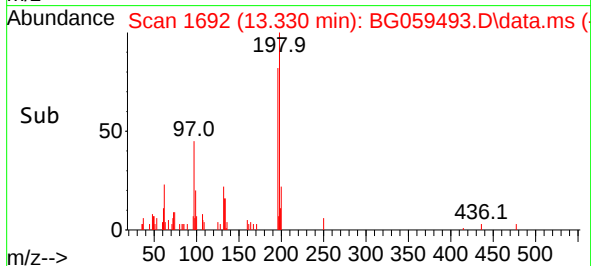
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03



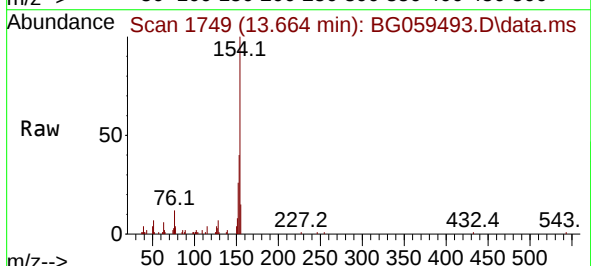
Tgt Ion:196 Resp: 853  
Ion Ratio Lower Upper  
196 100  
198 116.3 75.9 113.9  
200 28.6 26.6 39.8

Manual Integrations  
APPROVED

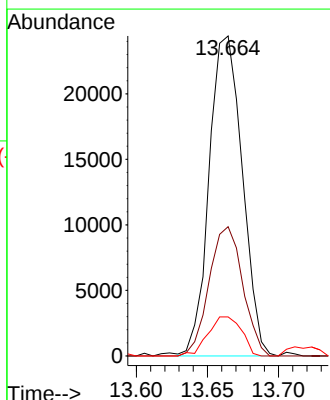
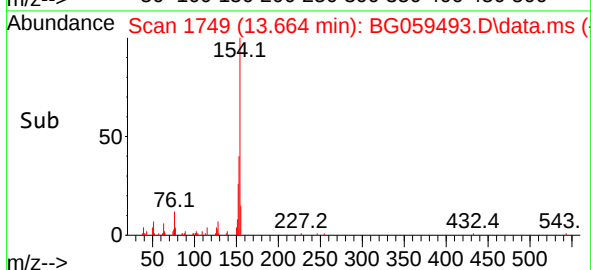
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023

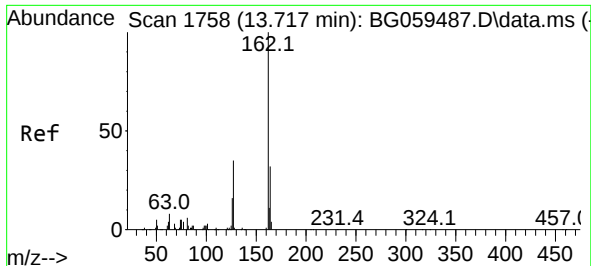


#43  
1,1'-Biphenyl  
Concen: 3.916 ng/ul  
RT: 13.664 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49



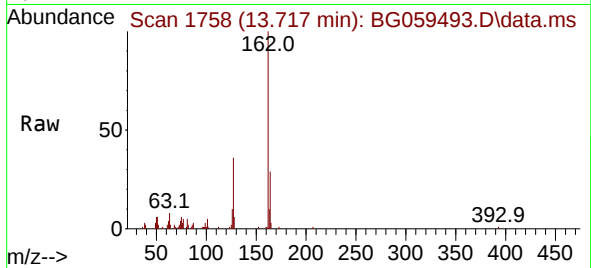
Tgt Ion:154 Resp: 39551  
Ion Ratio Lower Upper  
154 100  
153 40.4 28.5 42.7  
76 12.2 9.1 13.7





#44  
2-Chloronaphthalene  
Concen: 4.112 ng/ul  
RT: 13.717 min Scan# 1758  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

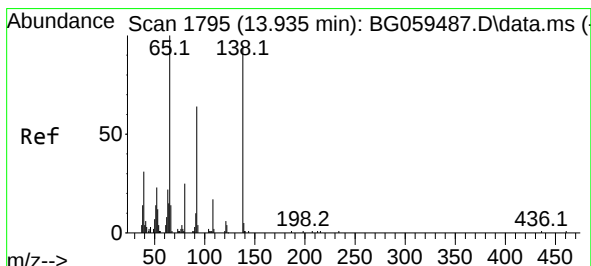
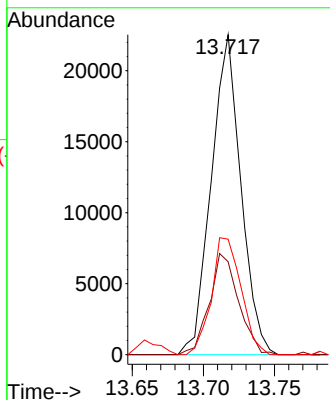
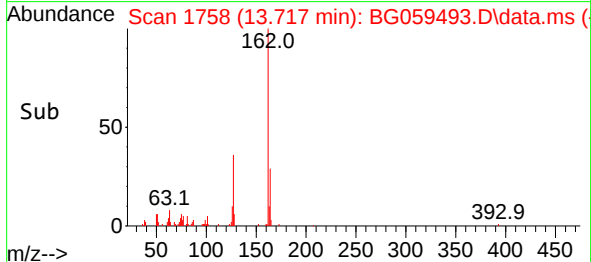
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion:162 Resp: 3265  
Ion Ratio Lower Upper  
162 100  
164 29.0 25.5 38.3  
127 36.1 28.6 43.0

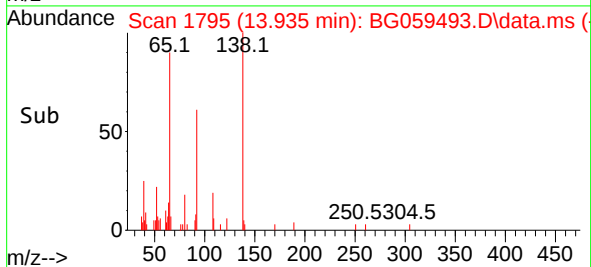
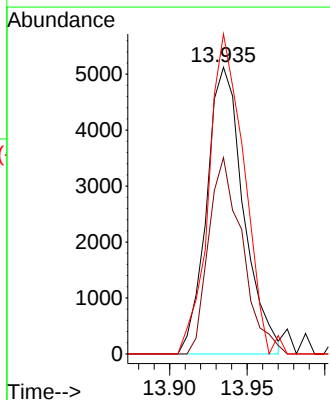
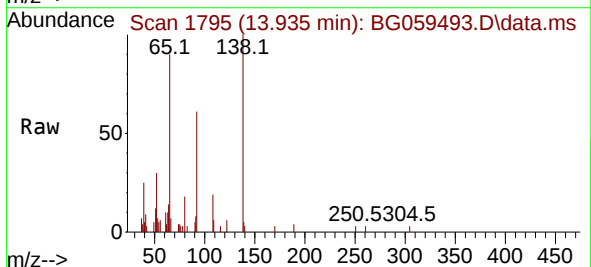
Manual Integrations  
APPROVED

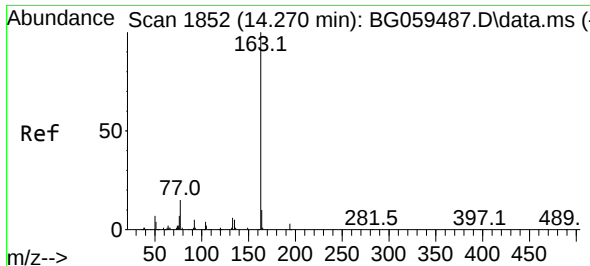
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#45  
2-Nitroaniline  
Concen: 3.271 ng/ul  
RT: 13.935 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

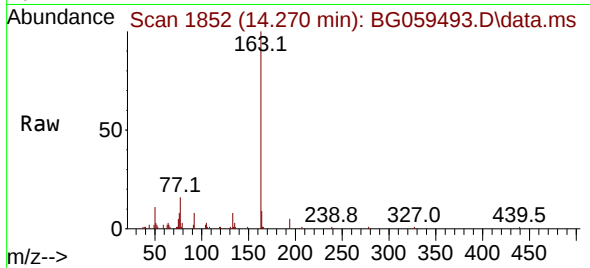
Tgt Ion: 65 Resp: 8469  
Ion Ratio Lower Upper  
65 100  
92 68.5 50.9 76.3  
138 111.6 76.0 114.0





#47  
Dimethylphthalate  
Concen: 3.879 ng/ul  
RT: 14.270 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

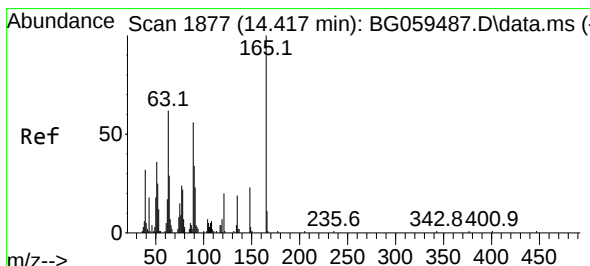
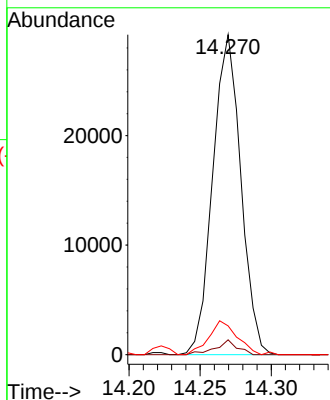
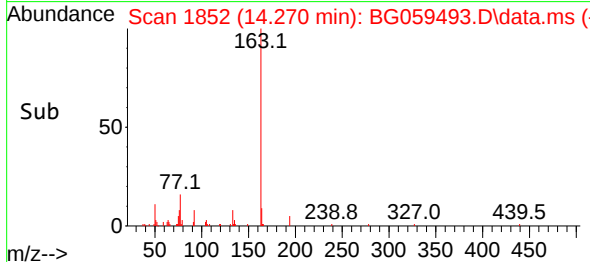
Instrument : BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03



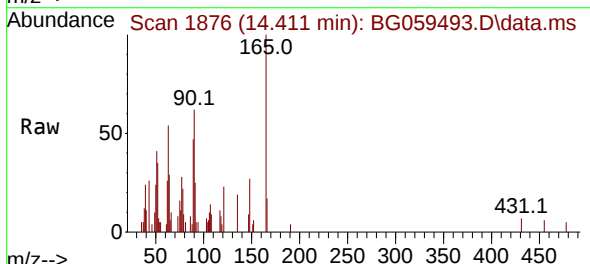
Tgt Ion:163 Resp: 4009  
Ion Ratio Lower Upper  
163 100  
194 4.7 2.7 4.1  
164 9.0 8.1 12.1

Manual Integrations  
APPROVED

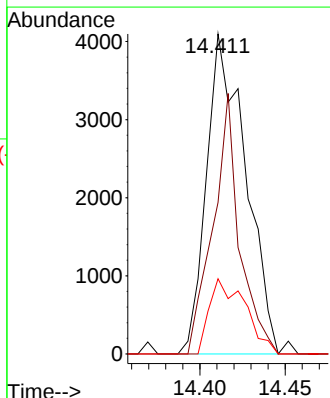
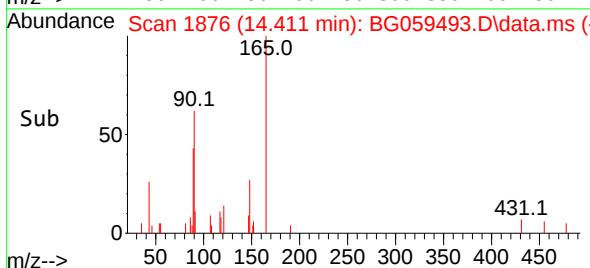
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023

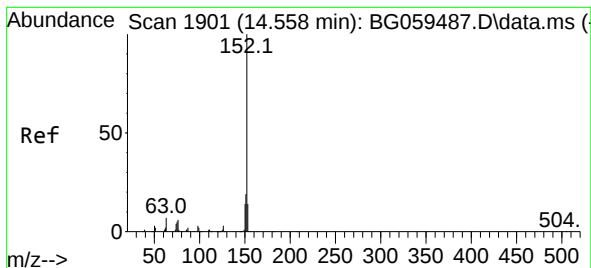


#48  
2,6-Dinitrotoluene  
Concen: 3.208 ng/ul  
RT: 14.411 min Scan# 1876  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49



Tgt Ion:165 Resp: 6527  
Ion Ratio Lower Upper  
165 100  
89 47.3 45.0 67.6  
121 23.5 16.2 24.2





#50

Acenaphthylene

Concen: 3.803 ng/ul

RT: 14.558 min Scan# 1901

Delta R.T. -0.000 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT2-2023-03

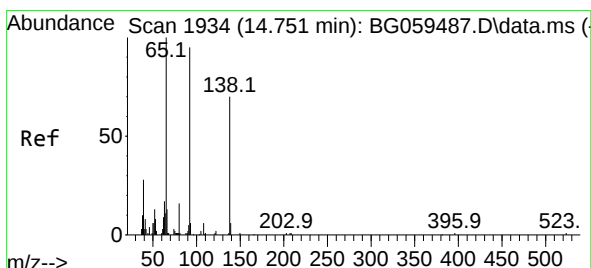
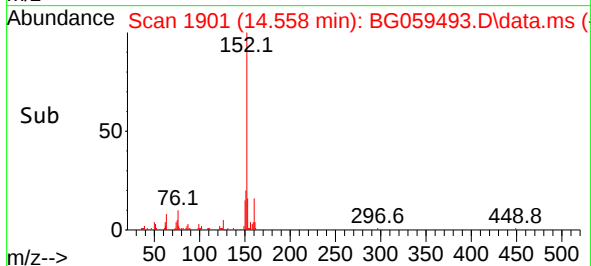
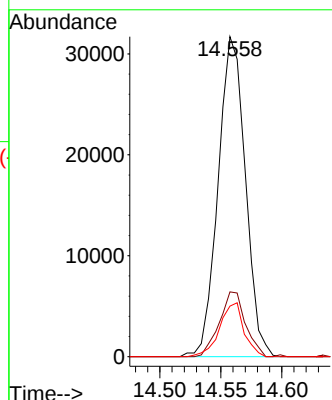
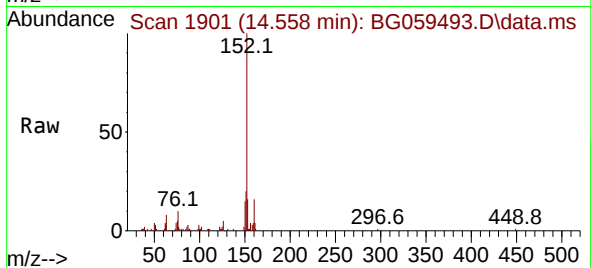
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 49350 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 20.3  | 15.0  | 22.4  |
| 153       | 15.8  | 11.4  | 17.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/20/2023

Supervised By :mohammad ahmed 10/20/2023



#51

3-Nitroaniline

Concen: 3.797 ng/ul

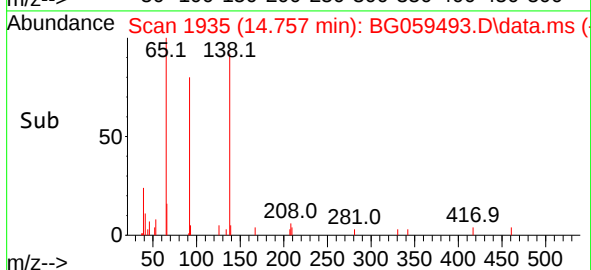
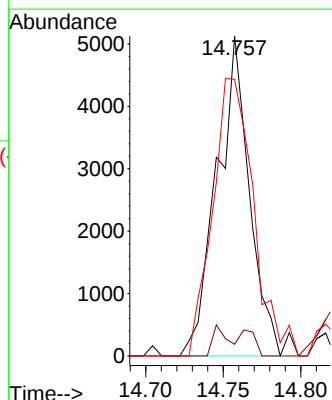
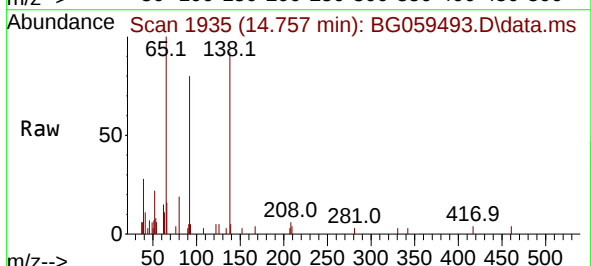
RT: 14.757 min Scan# 1935

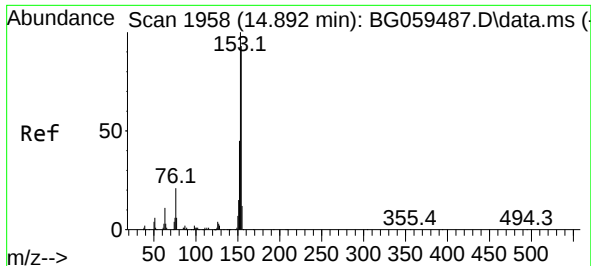
Delta R.T. 0.006 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 7445   |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 3.7   | 6.9   | 10.3#  |
| 92        | 86.4  | 107.8 | 161.6# |





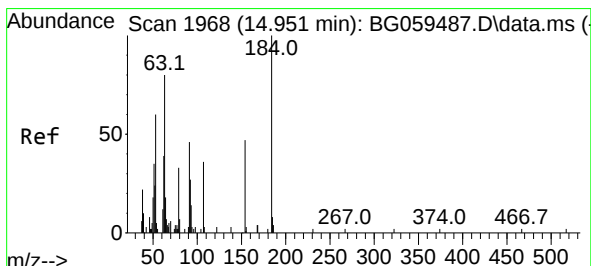
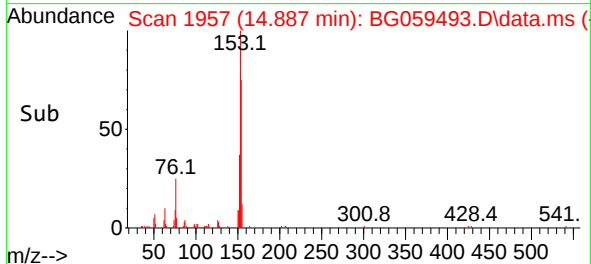
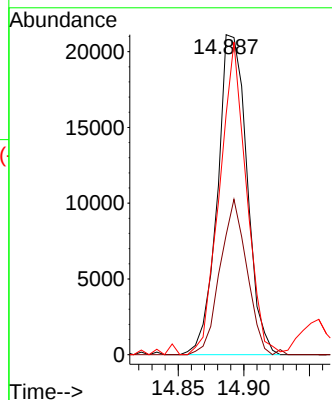
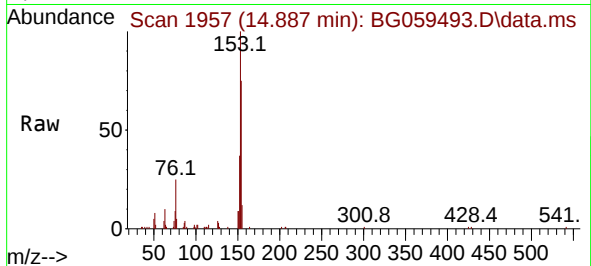
#52  
Acenaphthene  
Concen: 3.944 ng/ul  
RT: 14.887 min Scan# 1957  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03

Tgt Ion:153 Resp: 32979  
Ion Ratio Lower Upper  
153 100  
152 37.4 36.0 54.0  
154 75.1 74.2 111.4

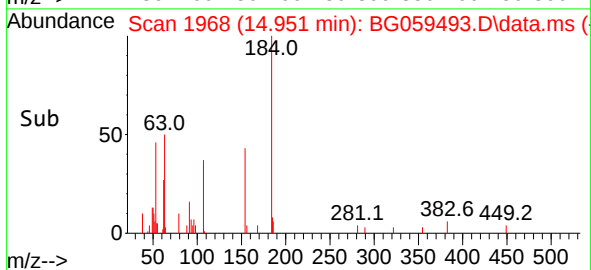
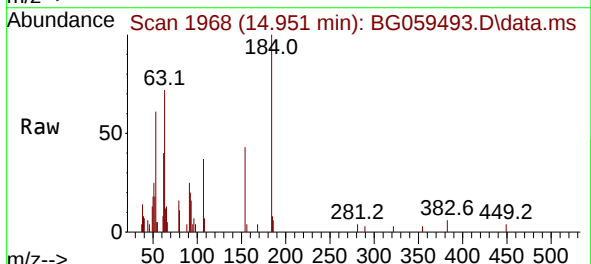
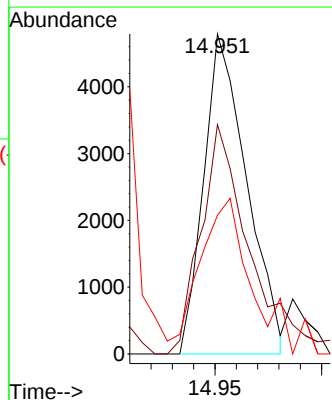
Manual Integrations  
APPROVED

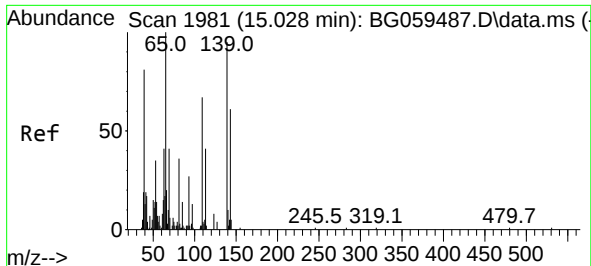
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#53  
2,4-Dinitrophenol  
Concen: 6.494 ng/ul  
RT: 14.951 min Scan# 1968  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

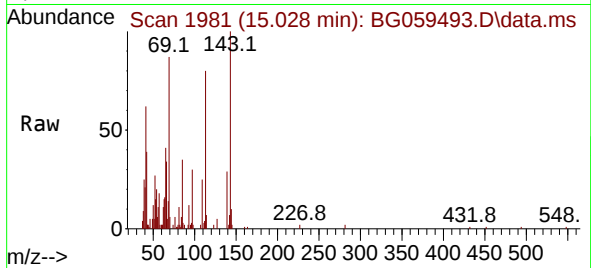
Tgt Ion:184 Resp: 6702  
Ion Ratio Lower Upper  
184 100  
63 71.7 65.8 98.8  
154 43.4 47.5 71.3#





#55  
4-Nitrophenol  
Concen: 4.152 ng/ul  
RT: 15.028 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

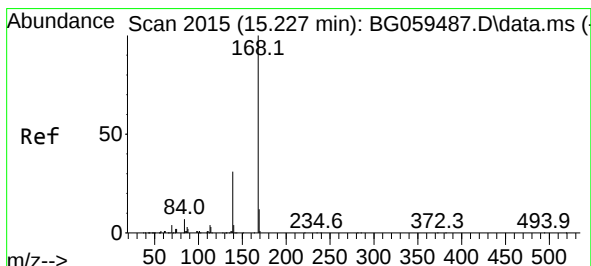
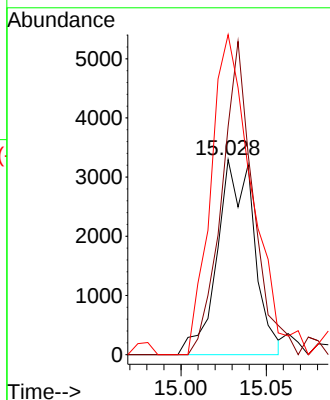
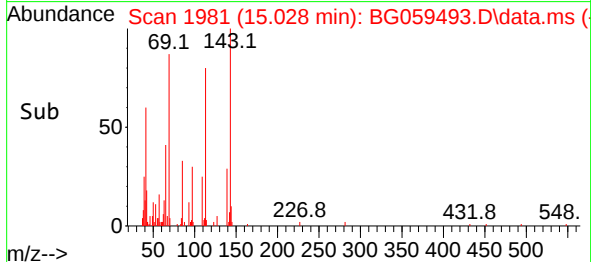
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03



Tgt Ion:109 Resp: 4940  
Ion Ratio Lower Upper  
109 100  
139 117.0 115.1 172.7  
65 164.1 121.9 182.9

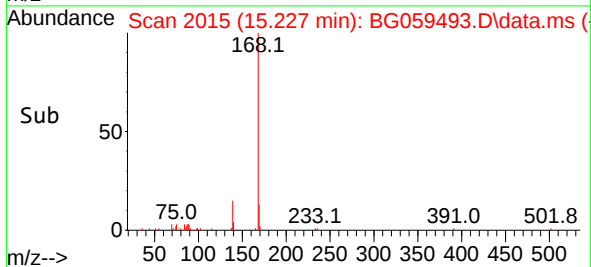
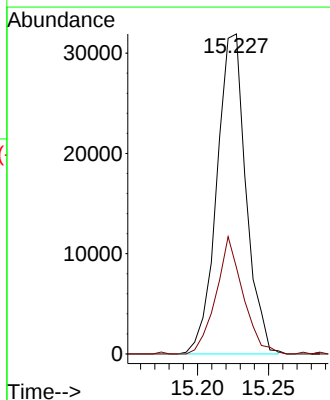
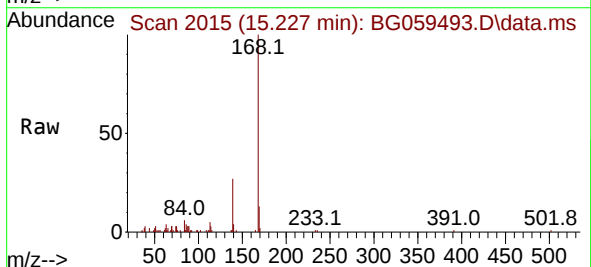
Manual Integrations  
APPROVED

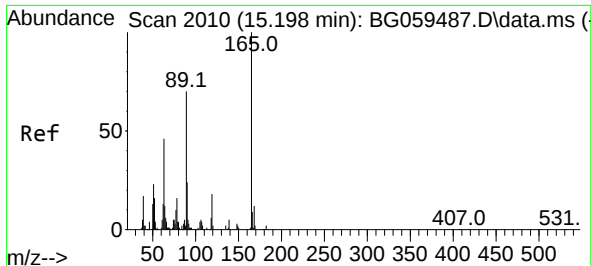
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#56  
Dibenzofuran  
Concen: 4.044 ng/ul  
RT: 15.227 min Scan# 2015  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Tgt Ion:168 Resp: 45595  
Ion Ratio Lower Upper  
168 100  
139 27.0 25.0 37.4





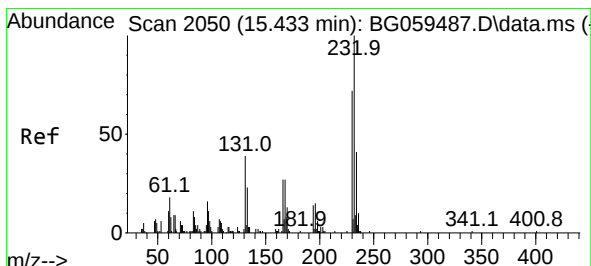
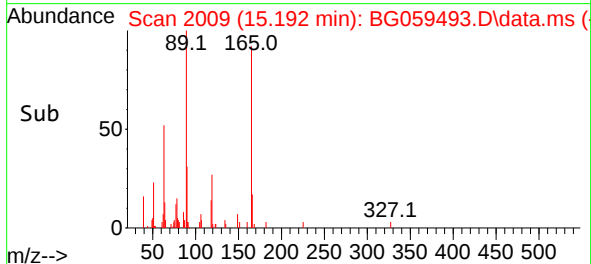
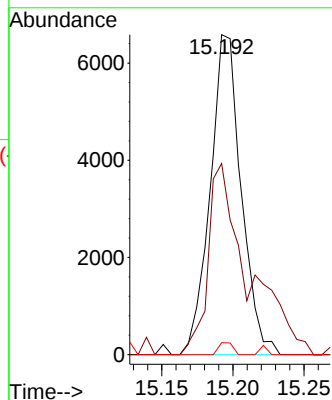
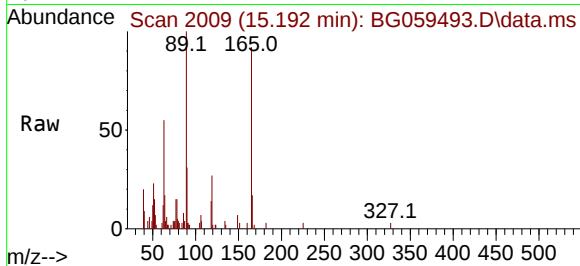
#57  
2,4-Dinitrotoluene  
Concen: 3.585 ng/ul  
RT: 15.192 min Scan# 2009  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03

Tgt Ion:165 Resp: 998  
Ion Ratio Lower Upper  
165 100  
63 59.7 37.5 56.3  
182 3.8 1.8 2.8

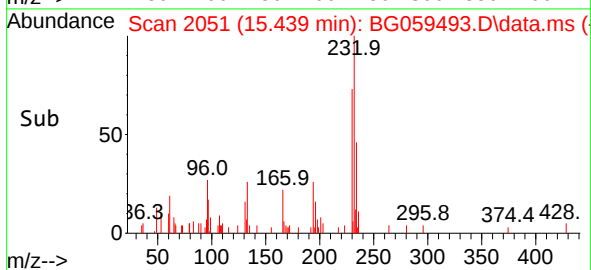
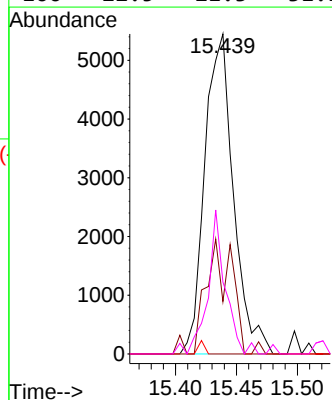
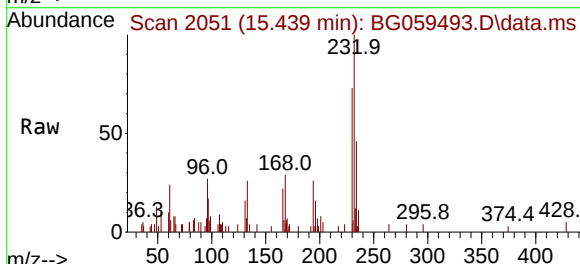
Manual Integrations  
APPROVED

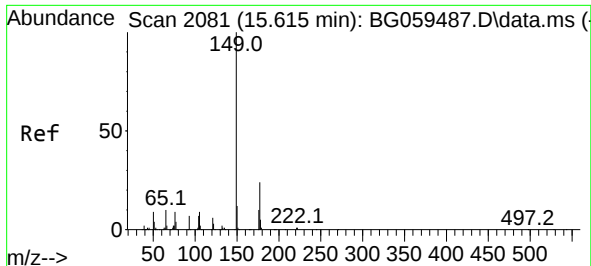
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 3.907 ng/ul  
RT: 15.439 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Tgt Ion:232 Resp: 8926  
Ion Ratio Lower Upper  
232 100  
131 16.4 31.0 46.6#  
130 0.0 1.5 2.3#  
166 22.5 21.3 31.9





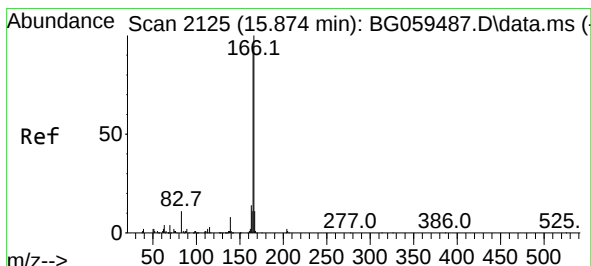
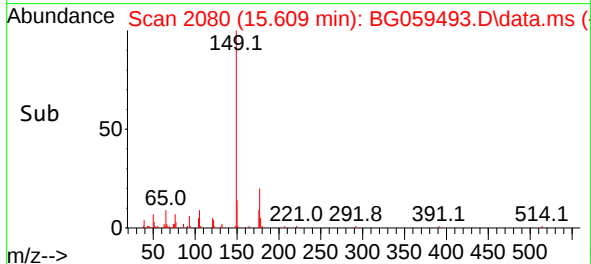
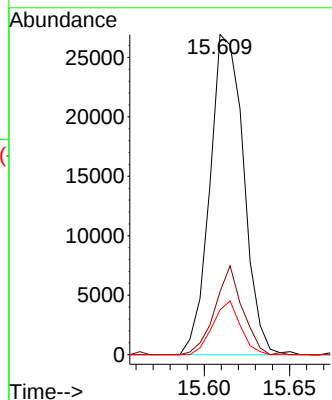
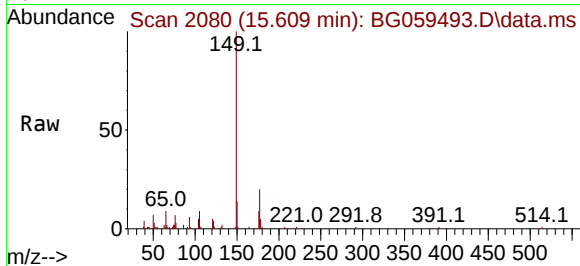
#59  
Diethylphthalate  
Concen: 3.920 ng/ul  
RT: 15.609 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03

Tgt Ion:149 Resp: 36970  
Ion Ratio Lower Upper  
149 100  
177 19.7 19.1 28.7  
150 14.0 10.0 15.0

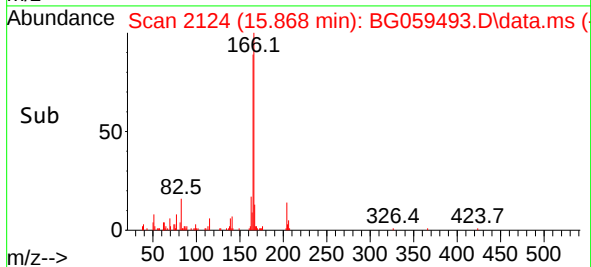
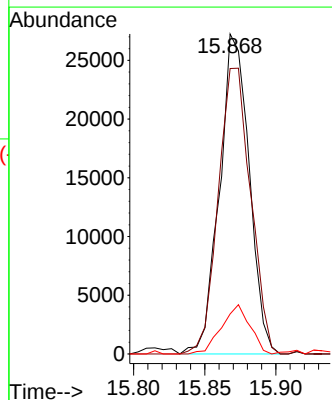
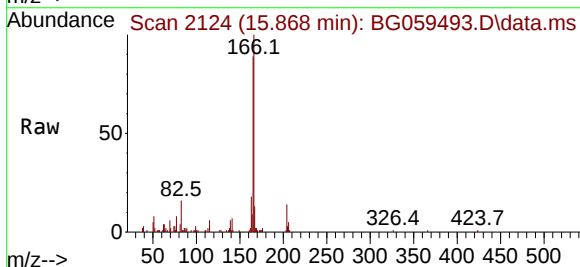
Manual Integrations  
APPROVED

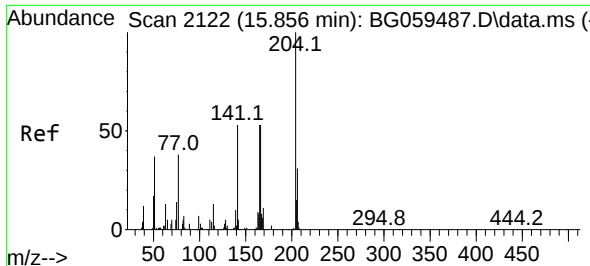
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#61  
Fluorene  
Concen: 4.194 ng/ul  
RT: 15.868 min Scan# 2124  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

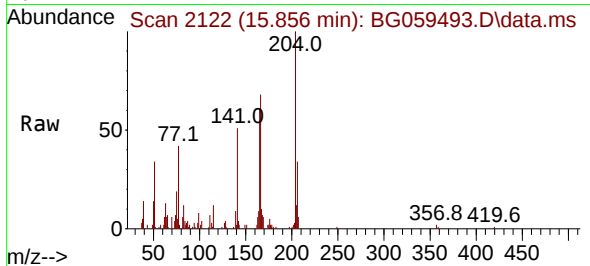
Tgt Ion:166 Resp: 39580  
Ion Ratio Lower Upper  
166 100  
165 89.2 74.8 112.2  
167 12.5 9.0 13.6





#62  
4-Chlorophenyl-phenylether  
Concen: 4.060 ng/ul  
RT: 15.856 min Scan# 2122  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

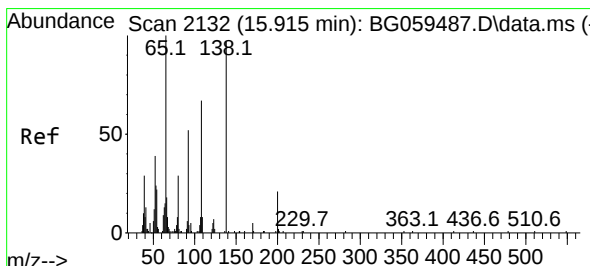
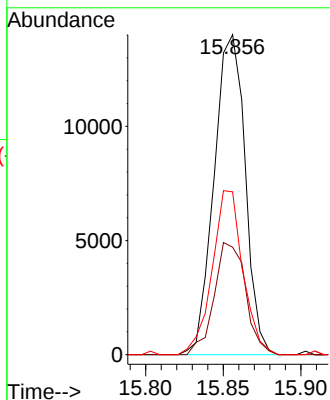
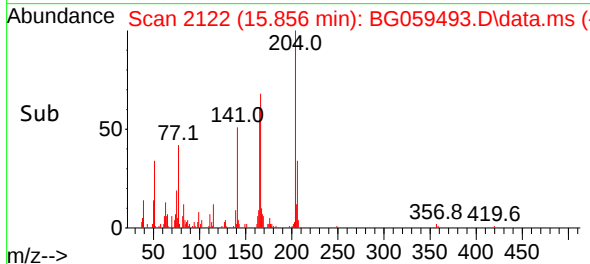
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion:204 Resp: 1954  
Ion Ratio Lower Upper  
204 100  
206 33.6 25.0 37.6  
141 50.9 42.7 64.1

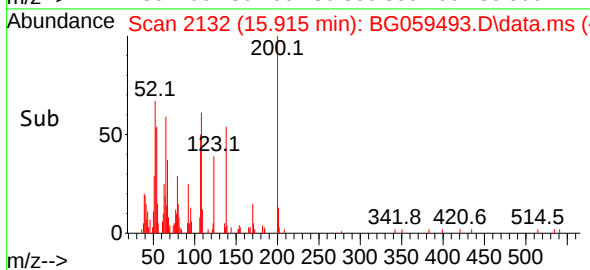
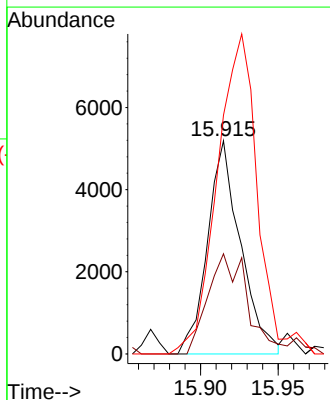
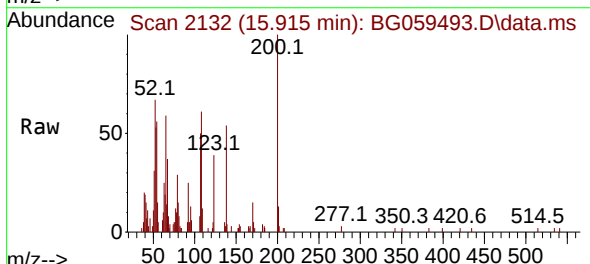
Manual Integrations  
APPROVED

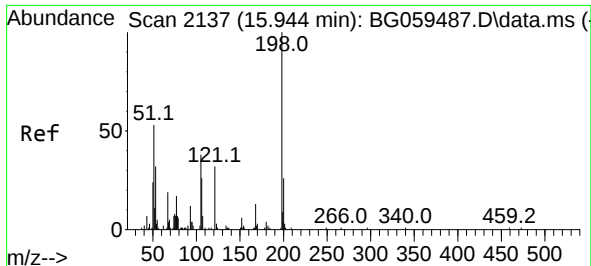
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#63  
4-Nitroaniline  
Concen: 4.050 ng/ul  
RT: 15.915 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Tgt Ion:138 Resp: 7691  
Ion Ratio Lower Upper  
138 100  
92 47.0 42.5 63.7  
108 112.1 54.6 81.8#





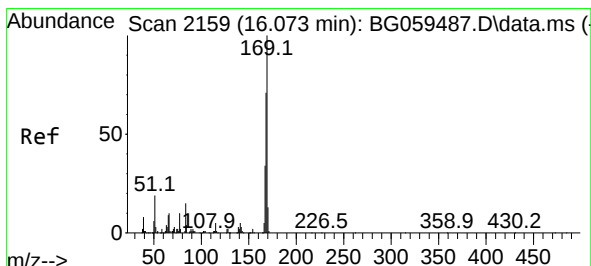
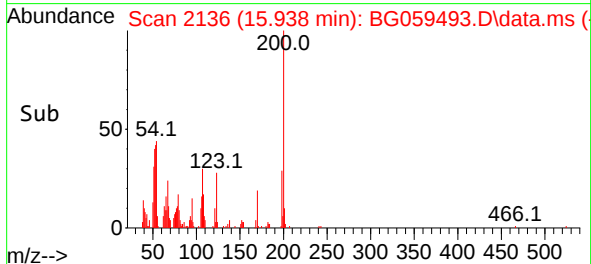
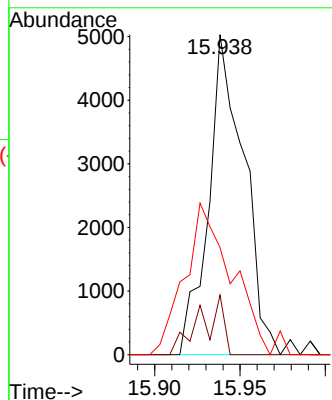
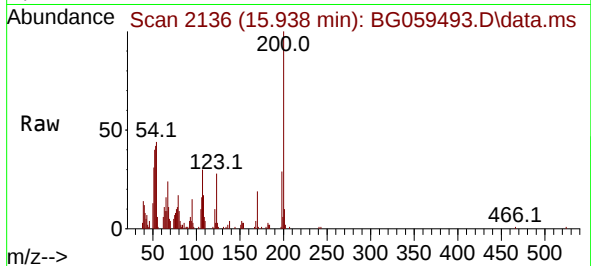
#66  
4,6-Dinitro-2-methylphenol  
Concen: 3.908 ng/ul  
RT: 15.938 min Scan# 2137  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03

Tgt Ion:198 Resp: 7234  
Ion Ratio Lower Upper  
198 100  
182 18.6 1.5 2.3  
77 33.5 13.4 20.0

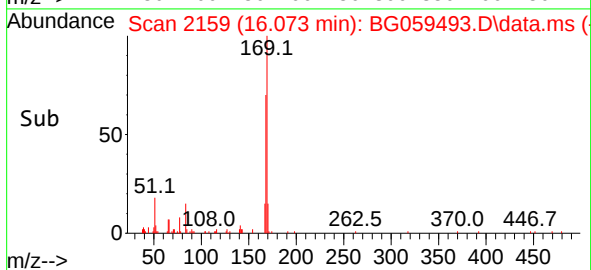
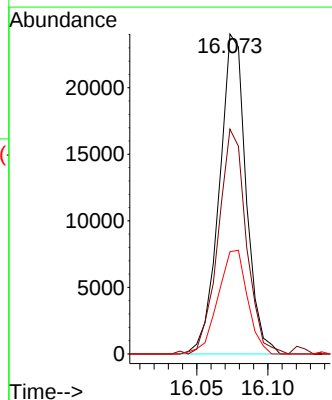
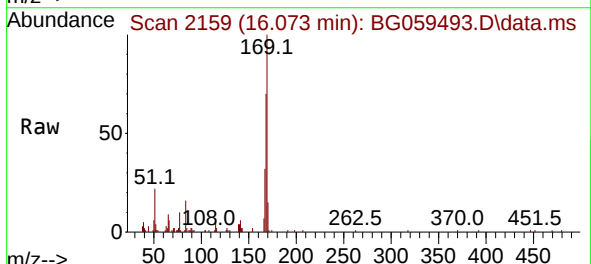
Manual Integrations  
APPROVED

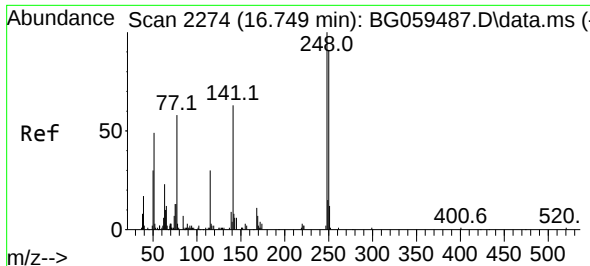
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#67  
N-Nitrosodiphenylamine  
Concen: 3.926 ng/ul  
RT: 16.073 min Scan# 2159  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

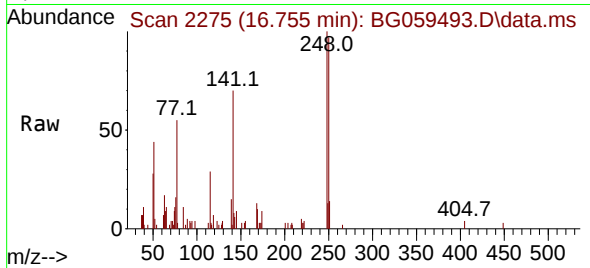
Tgt Ion:169 Resp: 31480  
Ion Ratio Lower Upper  
169 100  
168 70.2 56.6 84.8  
167 31.9 27.3 40.9





#68  
4-Bromophenyl-phenylether  
Concen: 4.269 ng/ul  
RT: 16.755 min Scan# 2275  
Delta R.T. 0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

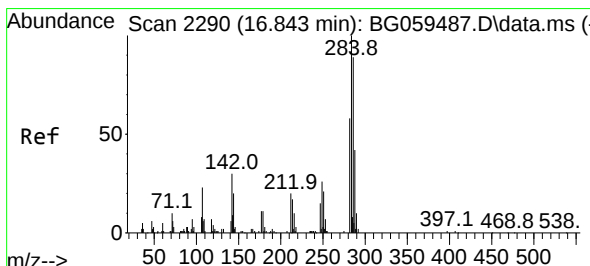
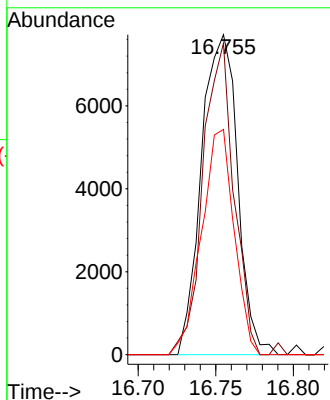
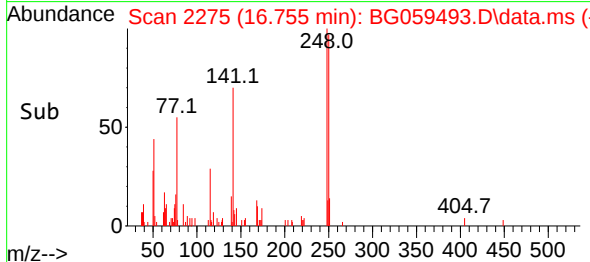
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 73.0  | 109.6 |
| 141     | 70.4  | 50.7  | 76.1  |

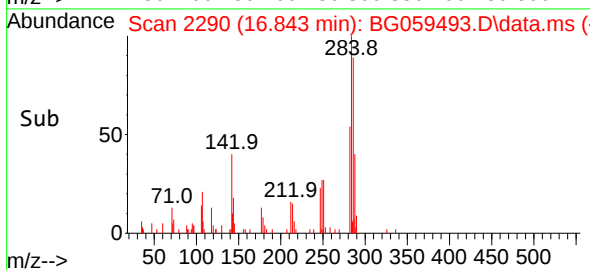
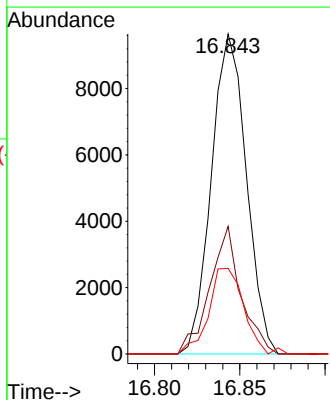
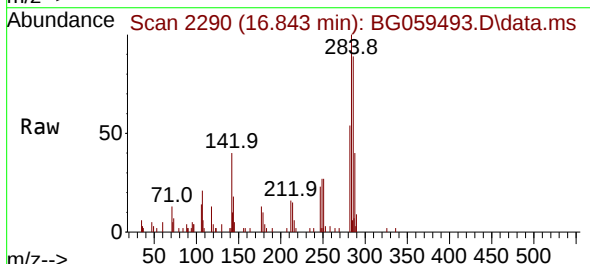
Manual Integrations  
APPROVED

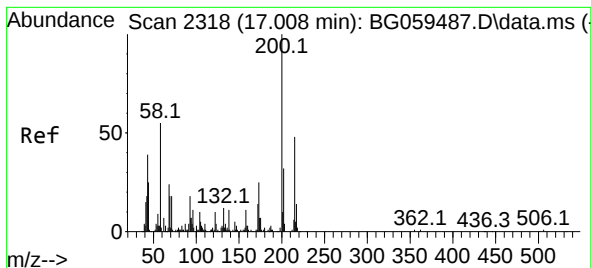
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#69  
Hexachlorobenzene  
Concen: 4.147 ng/ul  
RT: 16.843 min Scan# 2290  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 49.5  | 24.6  | 36.8  |
| 249     | 26.7  | 21.0  | 31.6  |





#70

Atrazine

Concen: 4.370 ng/ul

RT: 17.008 min Scan# 2318

Delta R.T. -0.000 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT2-2023-03

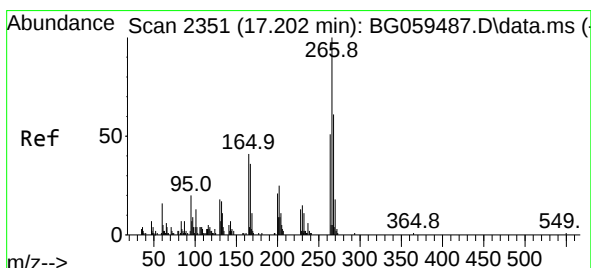
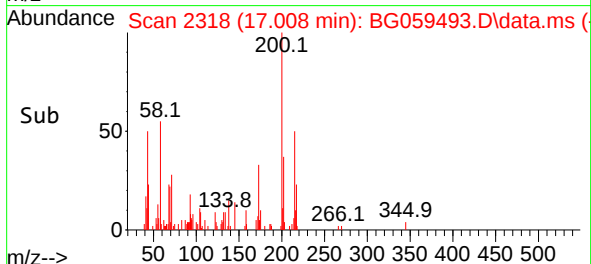
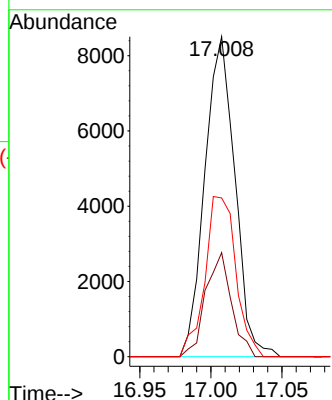
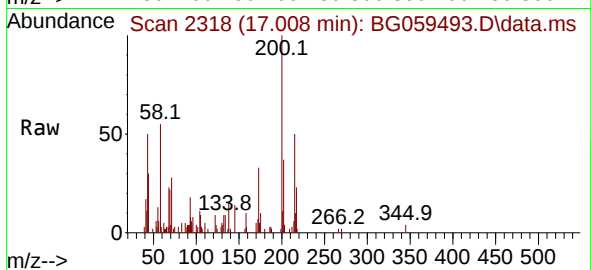
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 1249 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 32.5  | 20.2  | 30.4 |
| 215       | 49.6  | 38.4  | 57.6 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/20/2023

Supervised By :mohammad ahmed 10/20/2023



#71

Pentachlorophenol

Concen: 5.621 ng/ul m

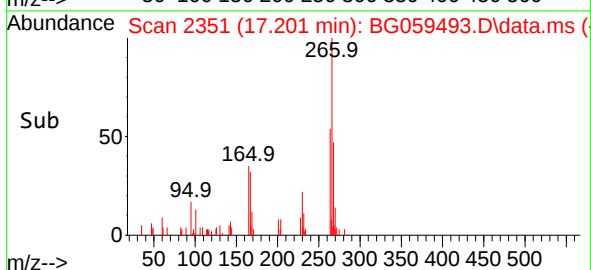
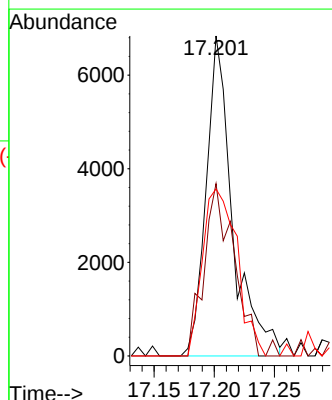
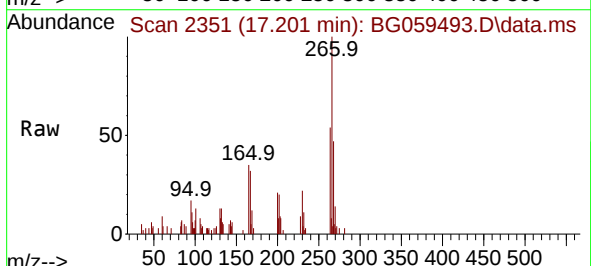
RT: 17.201 min Scan# 2351

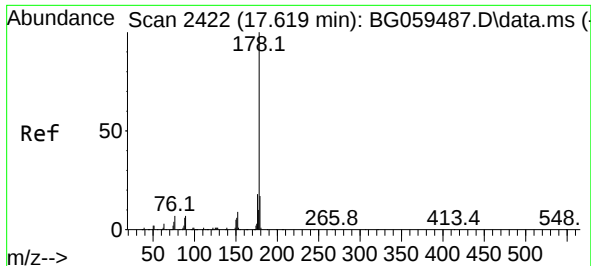
Delta R.T. -0.000 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

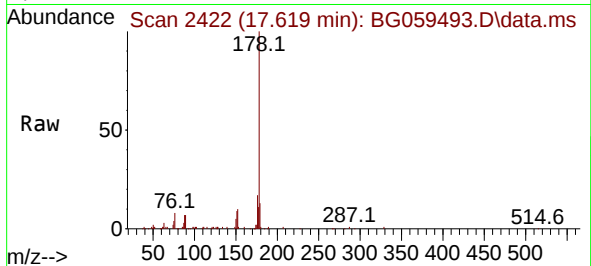
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 10468 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 53.8  | 41.8  | 62.6  |
| 268       | 47.3  | 53.2  | 79.8  |





#72  
Phenanthrene  
Concen: 3.935 ng/ul m  
RT: 17.619 min Scan# 2422  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

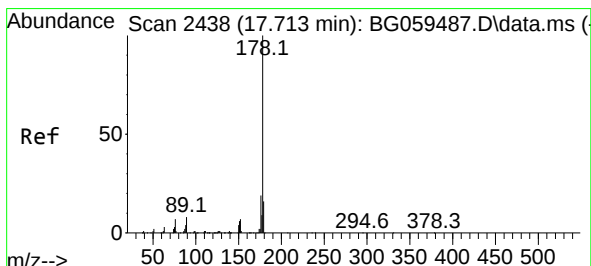
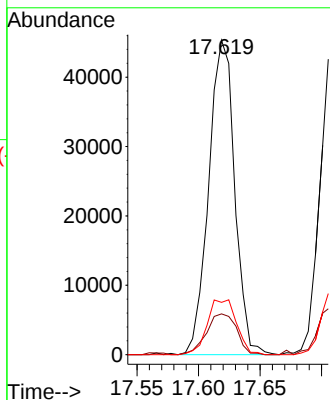
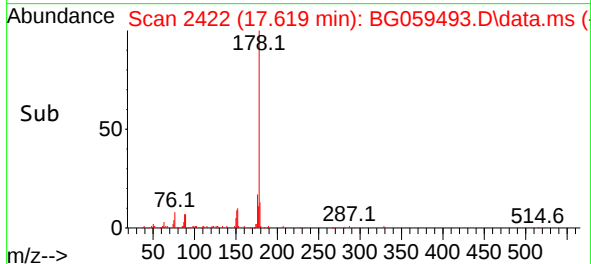
Instrument : BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03



Tgt Ion:178 Resp: 66639  
Ion Ratio Lower Upper  
178 100  
179 13.0 13.3 19.9  
176 16.6 14.3 21.5

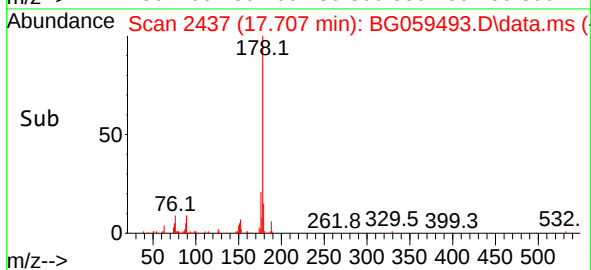
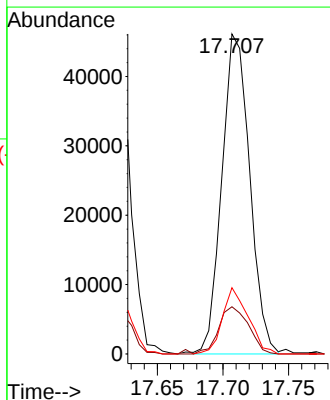
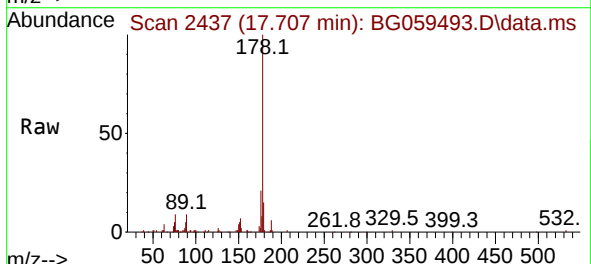
Manual Integrations  
APPROVED

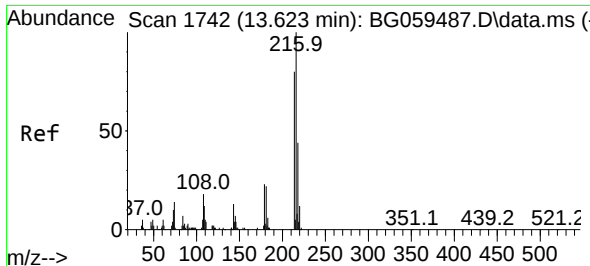
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#74  
Anthracene  
Concen: 3.916 ng/ul  
RT: 17.707 min Scan# 2437  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Tgt Ion:178 Resp: 68271  
Ion Ratio Lower Upper  
178 100  
179 14.8 12.6 18.8  
176 20.7 15.4 23.0





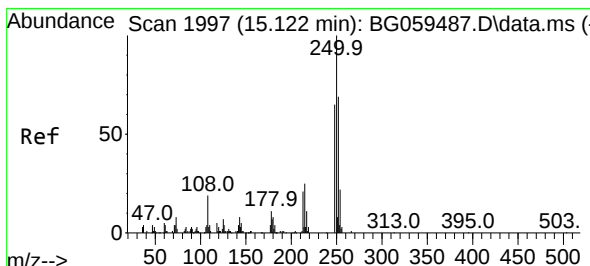
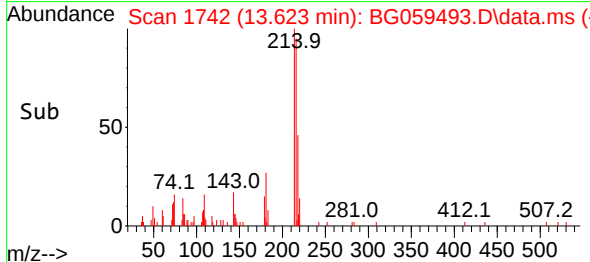
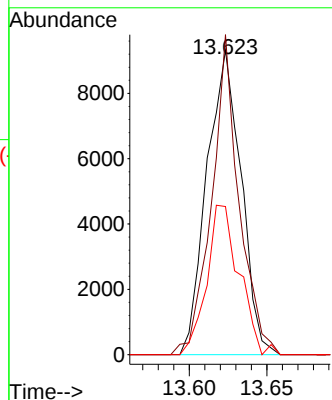
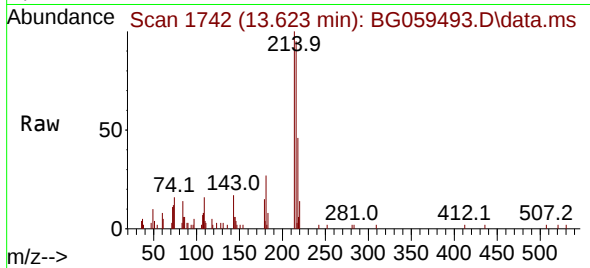
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 3.744 ng/uL  
RT: 13.623 min Scan# 1742  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 216   | Resp: | 1429 |
| Ion Ratio | Lower | Upper |      |
| 216       | 100   |       |      |
| 214       | 105.1 | 64.4  | 96.6 |
| 218       | 54.5  | 34.9  | 52.3 |

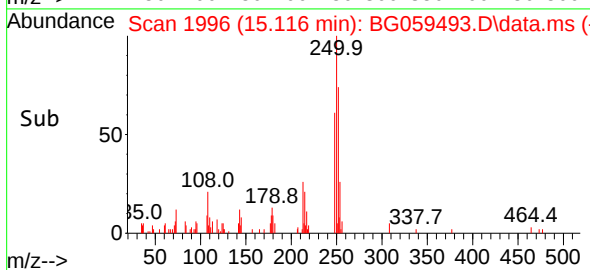
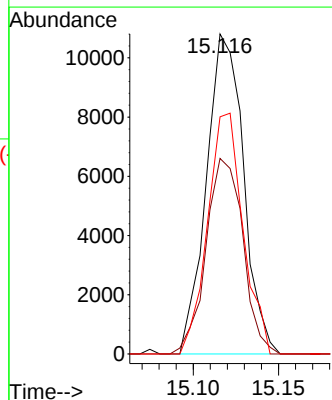
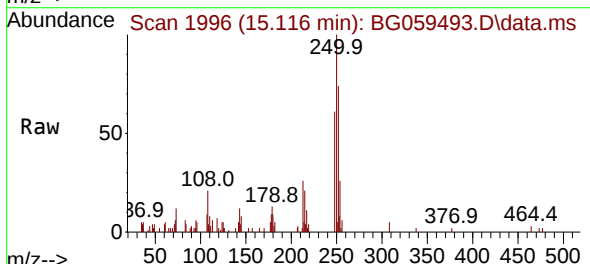
Manual Integrations  
APPROVED

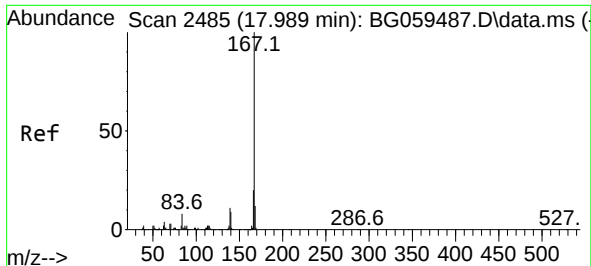
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#76  
Pentachlorobenzene  
Concen: 4.376 ng/uL  
RT: 15.116 min Scan# 1996  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

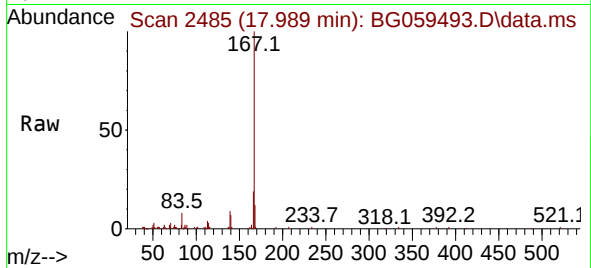
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 250   | Resp: | 16364 |
| Ion Ratio | Lower | Upper |       |
| 250       | 100   |       |       |
| 248       | 58.0  | 51.8  | 77.8  |
| 252       | 70.3  | 55.0  | 82.4  |





#77  
 Carbazole  
 Concen: 4.092 ng/ul  
 RT: 17.989 min Scan# 2485  
 Delta R.T. -0.000 min  
 Lab File: BG059493.D  
 Acq: 19 Oct 2023 17:49

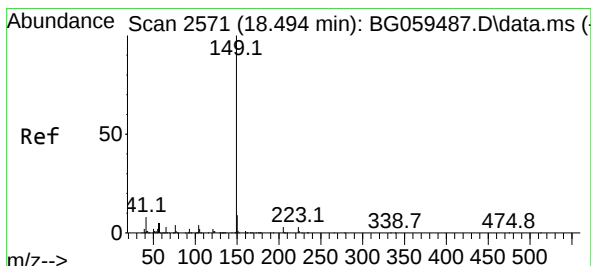
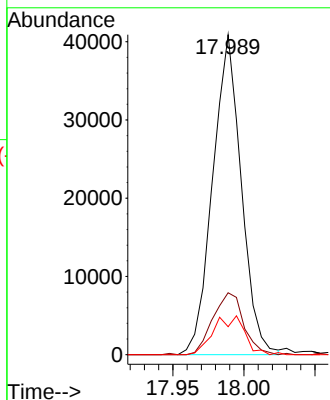
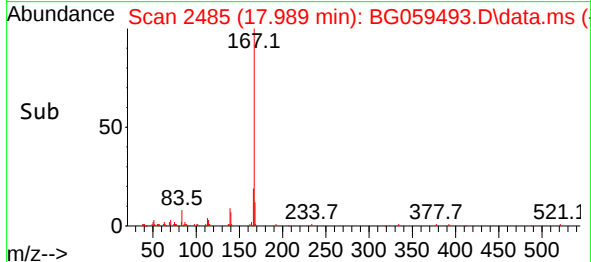
Instrument : BNA\_G  
 ClientSampleId : MDL-WATER-QT2-2023-03



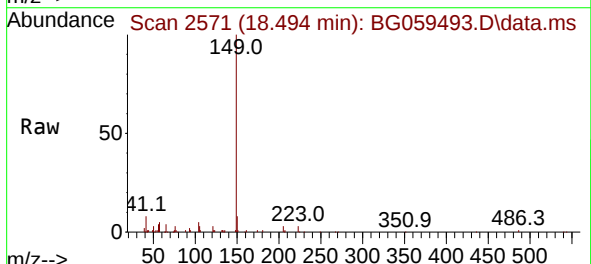
Tgt Ion:167 Resp: 5718  
 Ion Ratio Lower Upper  
 167 100  
 166 19.3 15.8 23.6  
 139 8.8 8.7 13.1

Manual Integrations  
 APPROVED

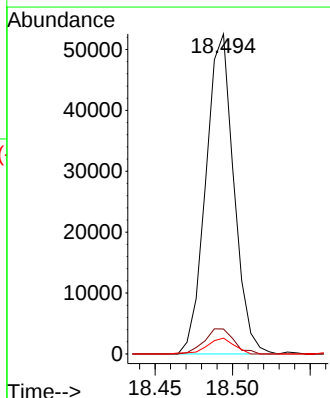
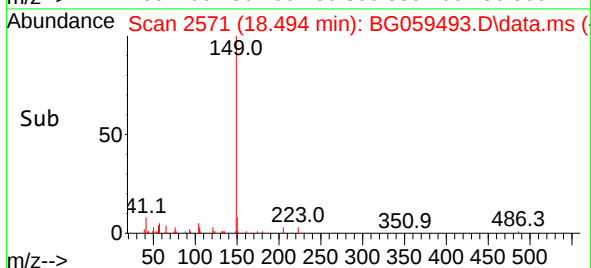
Reviewed By :Yogesh Patel 10/20/2023  
 Supervised By :mohammad ahmed 10/20/2023

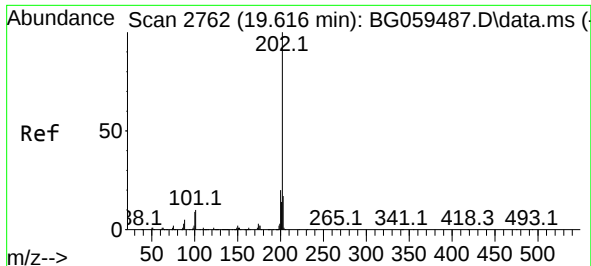


#78  
 Di-n-butylphthalate  
 Concen: 3.861 ng/ul  
 RT: 18.494 min Scan# 2571  
 Delta R.T. -0.000 min  
 Lab File: BG059493.D  
 Acq: 19 Oct 2023 17:49



Tgt Ion:149 Resp: 65856  
 Ion Ratio Lower Upper  
 149 100  
 150 7.8 7.3 10.9  
 104 4.9 3.5 5.3





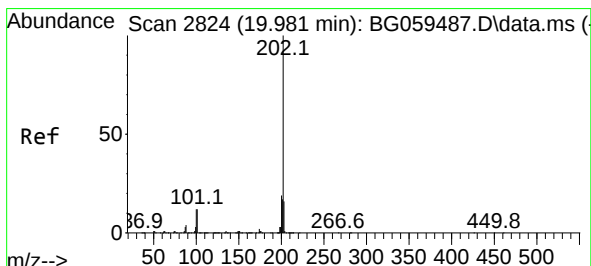
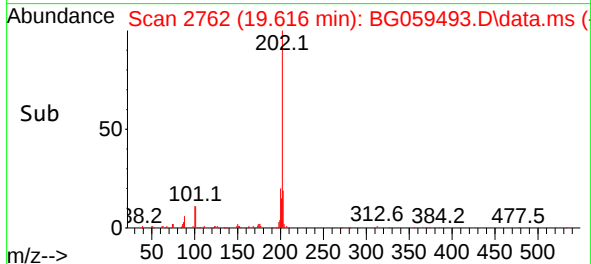
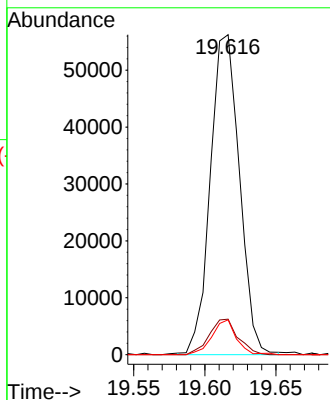
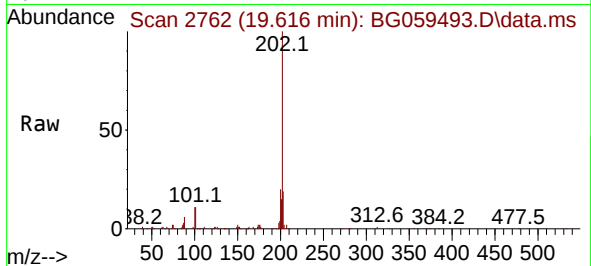
#80  
Fluoranthene  
Concen: 3.773 ng/ul  
RT: 19.616 min Scan# 2762  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03

Tgt Ion:202 Resp: 80110  
Ion Ratio Lower Upper  
202 100  
101 11.1 8.1 12.1  
100 10.9 7.3 10.9

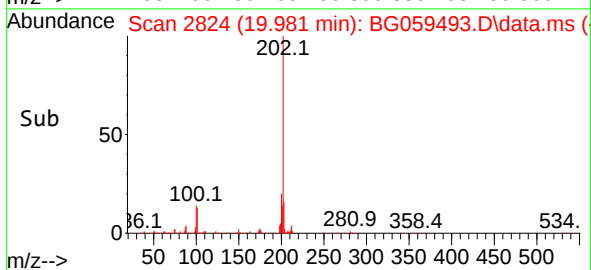
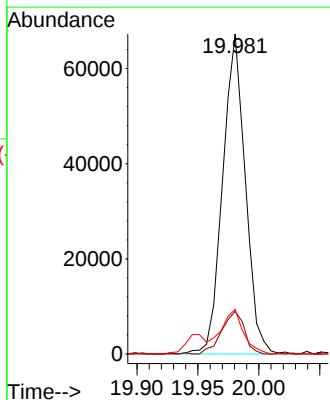
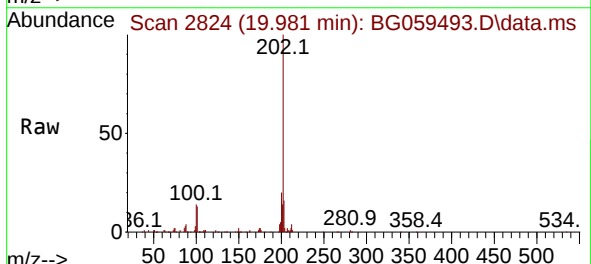
Manual Integrations  
APPROVED

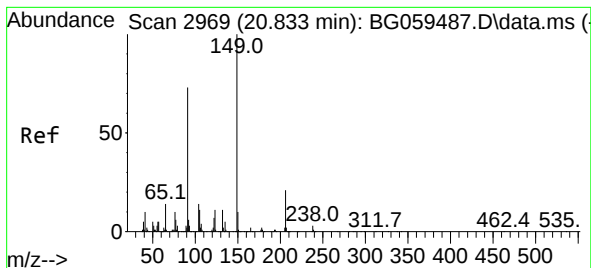
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#82  
Pyrene  
Concen: 3.886 ng/ul  
RT: 19.981 min Scan# 2824  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Tgt Ion:202 Resp: 86974  
Ion Ratio Lower Upper  
202 100  
101 13.3 9.4 14.0  
100 13.9 9.4 14.0





#83

Butylbenzylphthalate

Concen: 3.716 ng/ul

RT: 20.833 min Scan# 2969

Delta R.T. -0.000 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT2-2023-03

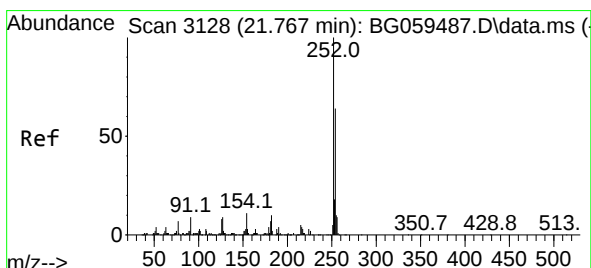
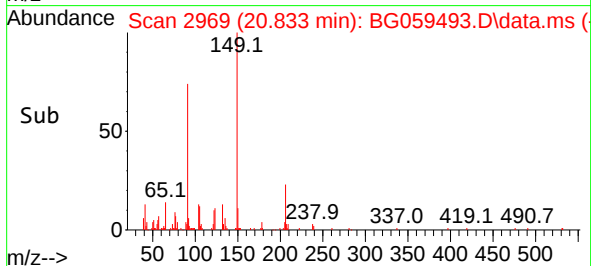
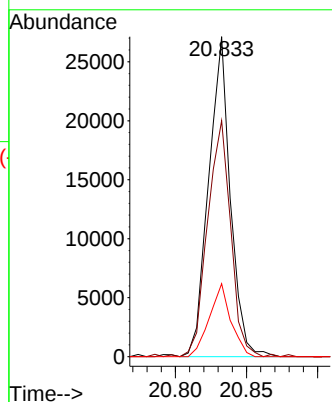
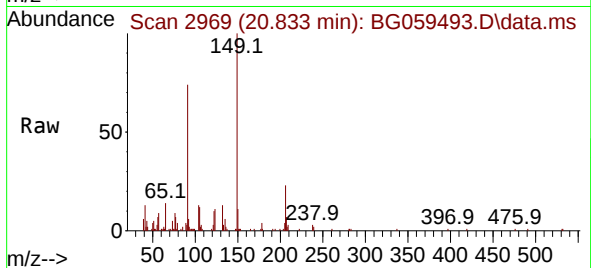
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 2886 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 91        | 73.8  | 58.6  | 87.8 |
| 206       | 22.8  | 16.4  | 24.6 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/20/2023

Supervised By :mohammad ahmed 10/20/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.729 ng/ul

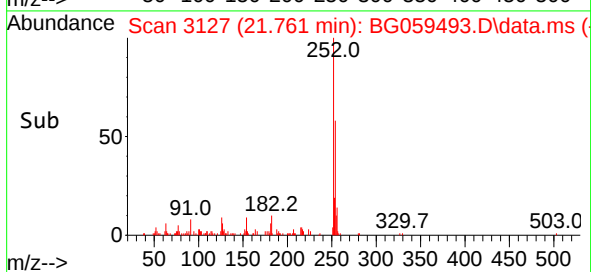
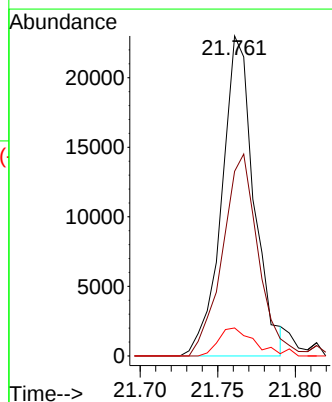
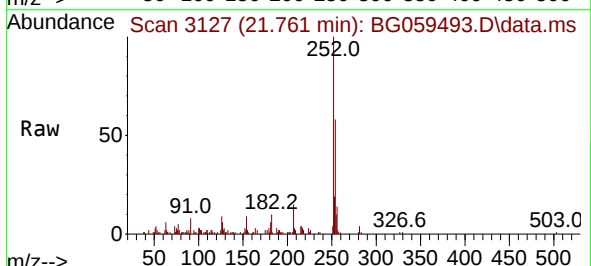
RT: 21.761 min Scan# 3127

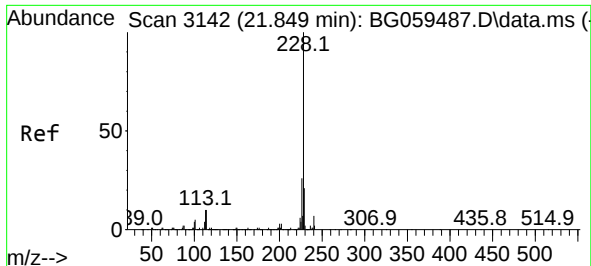
Delta R.T. -0.006 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

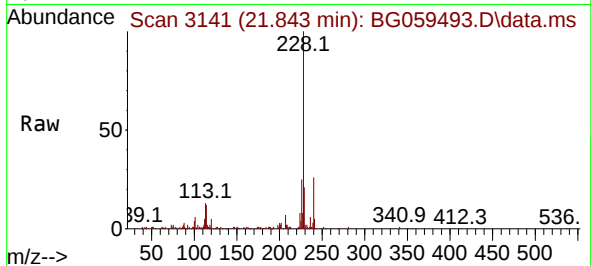
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 33288 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 57.7  | 50.8  | 76.2  |
| 126       | 8.7   | 6.5   | 9.7   |





#85  
Benzo(a)anthracene  
Concen: 3.758 ng/ul  
RT: 21.843 min Scan# 3142  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

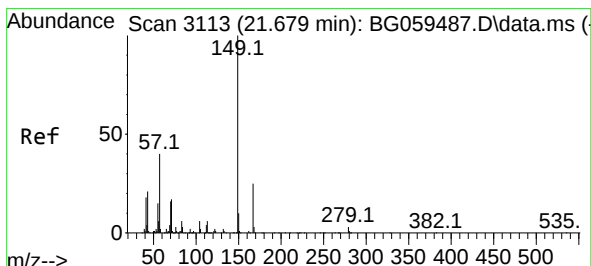
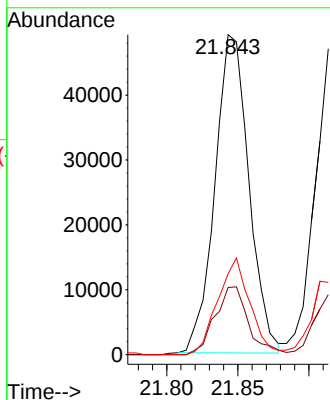
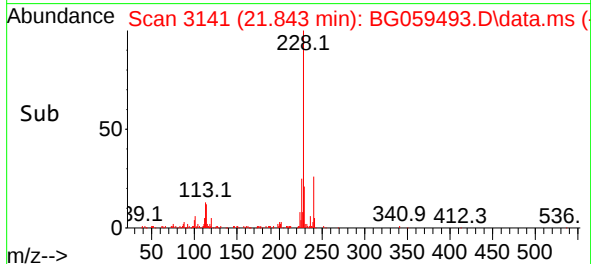
Instrument : BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03



Tgt Ion:228 Resp: 8161  
Ion Ratio Lower Upper  
228 100  
229 21.0 16.7 25.1  
226 25.3 21.0 31.6

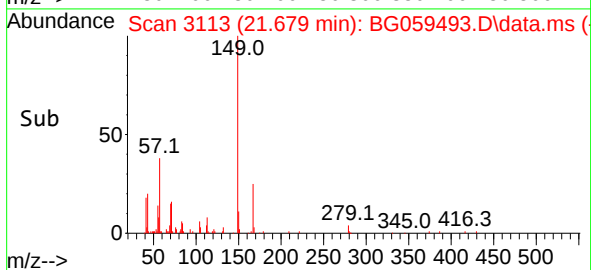
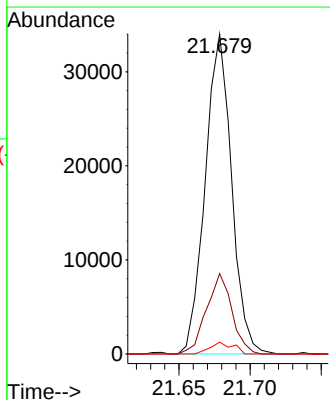
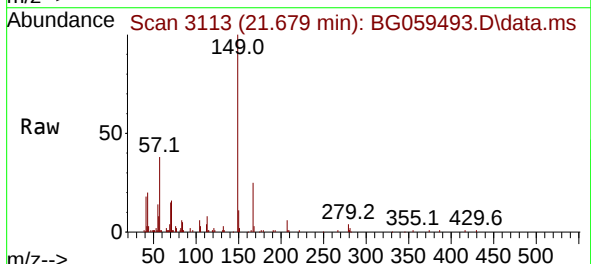
Manual Integrations  
APPROVED

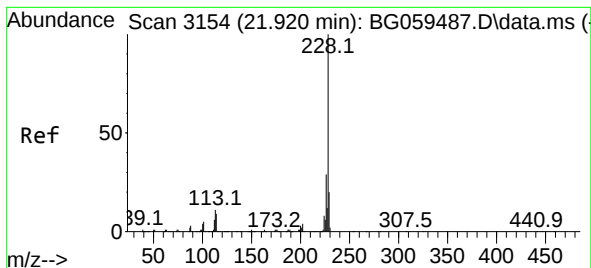
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 3.869 ng/ul  
RT: 21.679 min Scan# 3113  
Delta R.T. -0.000 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Tgt Ion:149 Resp: 43853  
Ion Ratio Lower Upper  
149 100  
167 25.1 20.4 30.6  
279 3.7 2.6 3.8





#87

Chrysene

Concen: 3.930 ng/ul

RT: 21.914 min Scan# 3154

Delta R.T. -0.006 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:228 Resp: 7979

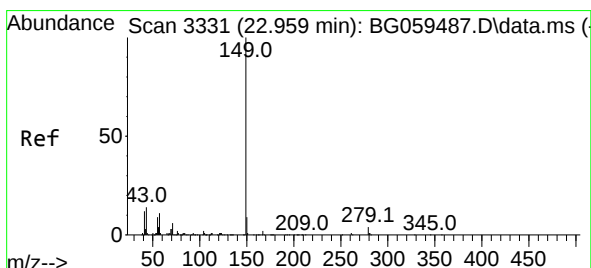
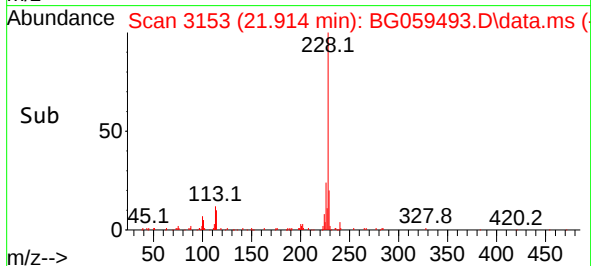
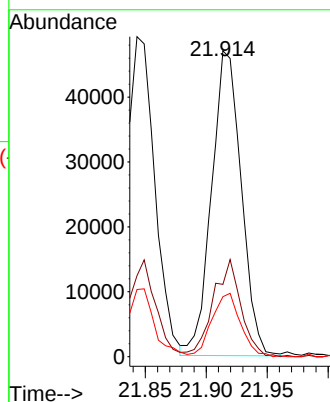
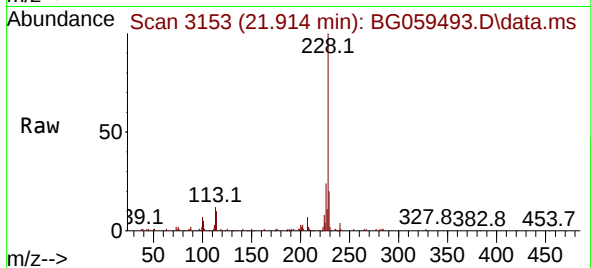
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 23.6  | 23.3  | 34.9  |
| 229 | 19.6  | 16.1  | 24.1  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/20/2023

Supervised By :mohammad ahmed 10/20/2023



#89

Di-n-octyl phthalate

Concen: 4.121 ng/ul

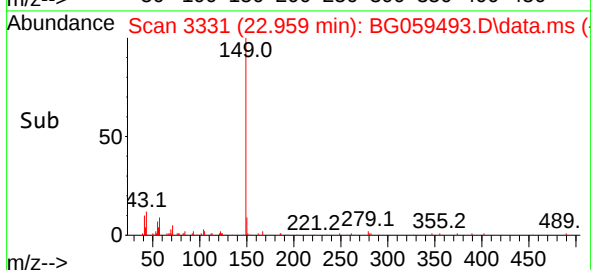
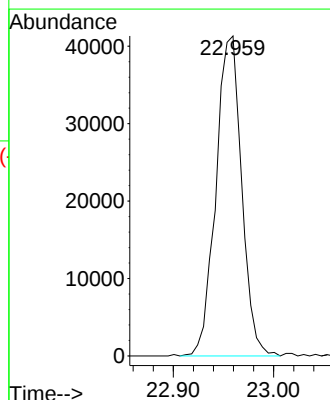
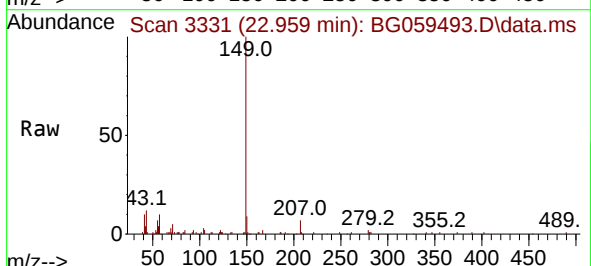
RT: 22.959 min Scan# 3331

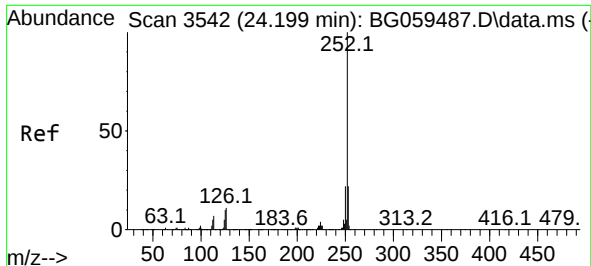
Delta R.T. -0.000 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

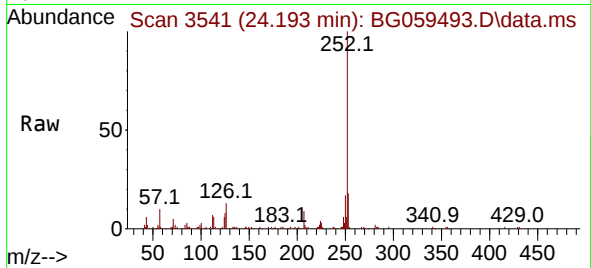
Tgt Ion:149 Resp: 73530





#90  
Benzo(b)fluoranthene  
Concen: 4.061 ng/ul m  
RT: 24.193 min Scan# 3542  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

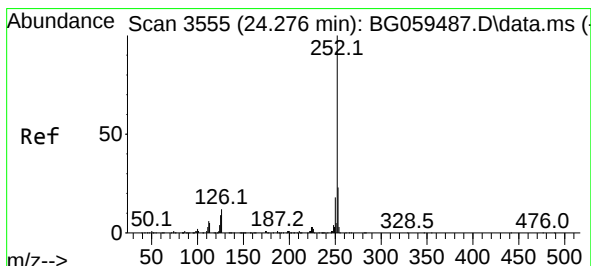
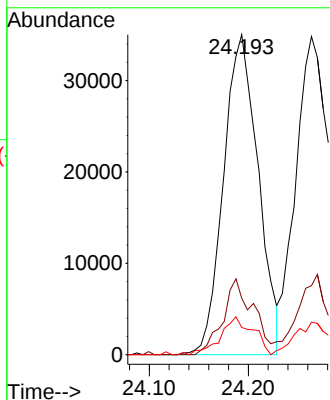
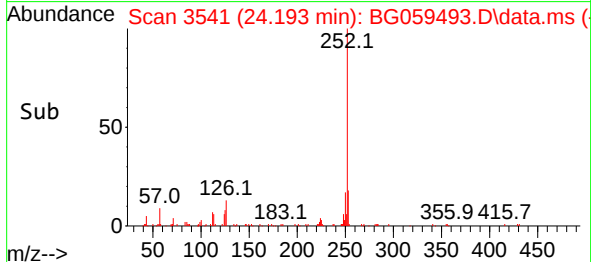
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion:252 Resp: 85386  
Ion Ratio Lower Upper  
252 100  
253 17.6 17.8 26.8  
125 8.5 8.2 12.2

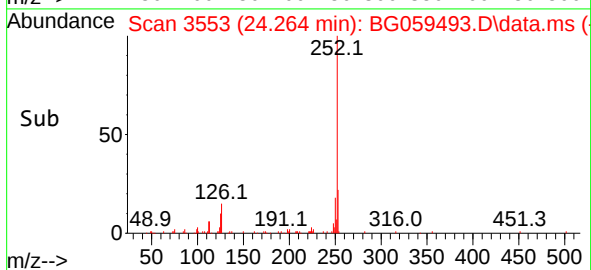
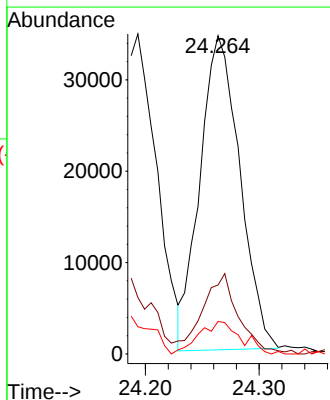
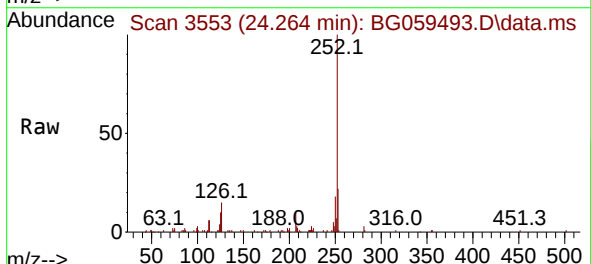
Manual Integrations  
APPROVED

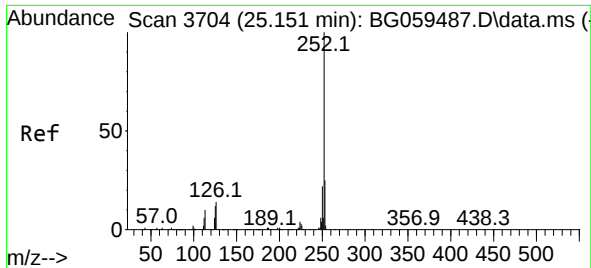
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#91  
Benzo(k)fluoranthene  
Concen: 3.857 ng/ul  
RT: 24.264 min Scan# 3553  
Delta R.T. -0.012 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Tgt Ion:252 Resp: 83846  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.4 26.2  
125 10.2 7.3 10.9





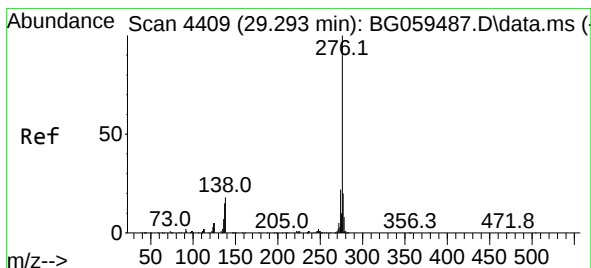
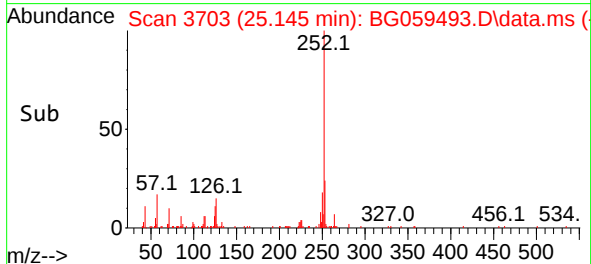
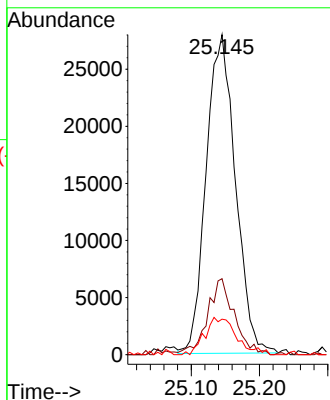
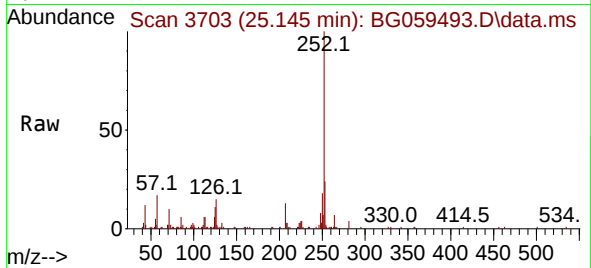
#93  
Benzo(a)pyrene  
Concen: 4.163 ng/ul  
RT: 25.145 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT2-2023-03

Tgt Ion:252 Resp: 8338  
Ion Ratio Lower Upper  
252 100  
253 23.7 20.0 30.0  
125 11.1 9.9 14.9

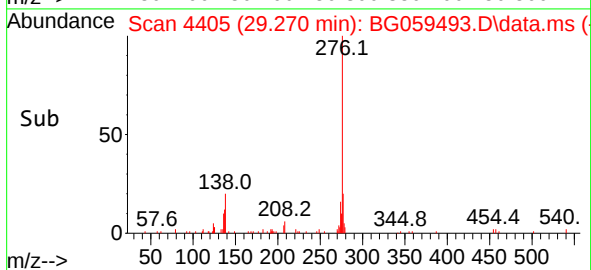
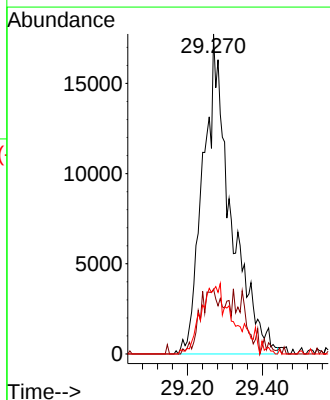
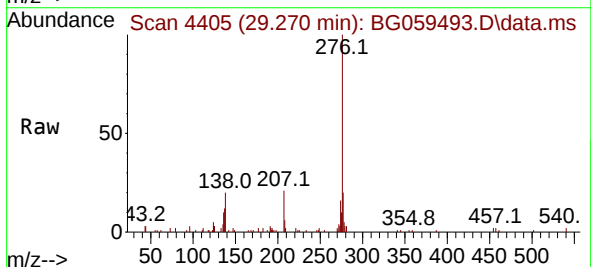
Manual Integrations  
APPROVED

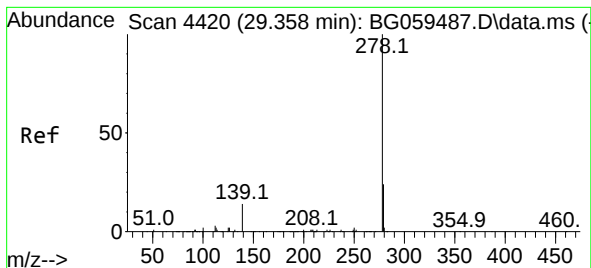
Reviewed By :Yogesh Patel 10/20/2023  
Supervised By :mohammad ahmed 10/20/2023



#94  
Indeno(1,2,3-cd)pyrene  
Concen: 3.993 ng/ul m  
RT: 29.270 min Scan# 4405  
Delta R.T. -0.024 min  
Lab File: BG059493.D  
Acq: 19 Oct 2023 17:49

Tgt Ion:276 Resp: 91047  
Ion Ratio Lower Upper  
276 100  
138 20.3 14.2 21.4  
277 20.0 16.1 24.1





#95

Dibenzo(a,h)anthracene

Concen: 4.093 ng/ul

RT: 29.352 min Scan# 4420

Delta R.T. -0.006 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT2-2023-03

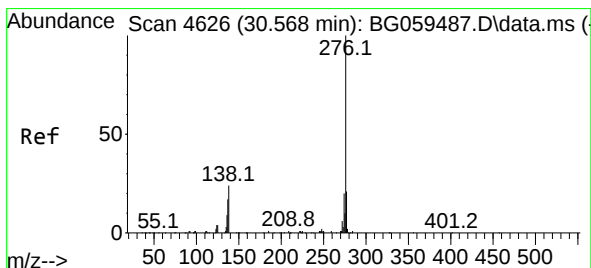
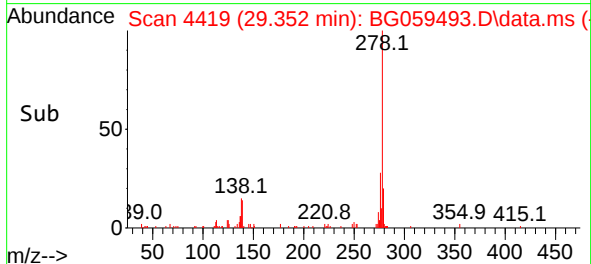
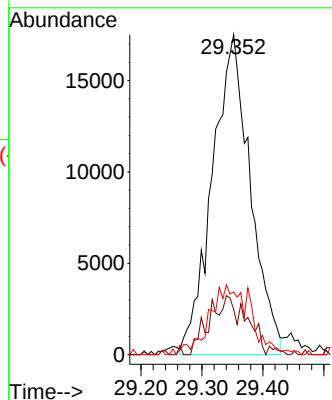
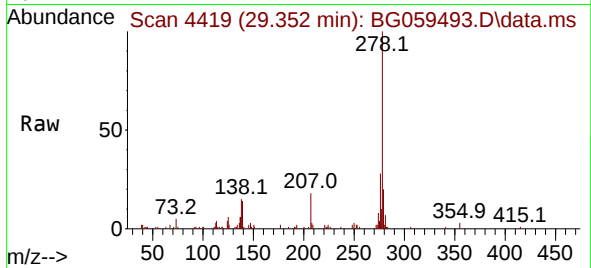
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 278   | Resp: | 7590 |
| Ion Ratio | Lower | Upper |      |
| 278       | 100   |       |      |
| 139       | 14.2  | 11.3  | 16.9 |
| 279       | 19.6  | 19.1  | 28.7 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/20/2023

Supervised By :mohammad ahmed 10/20/2023



#96

Benzo(g,h,i)perylene

Concen: 4.113 ng/ul m

RT: 30.527 min Scan# 4619

Delta R.T. -0.041 min

Lab File: BG059493.D

Acq: 19 Oct 2023 17:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 78754 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 21.8  | 19.1  | 28.7  |
| 277       | 18.4  | 16.9  | 25.3  |

