

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG010923\  
 Data File : BG056229.D  
 Acq On : 9 Jan 2023 10:47  
 Operator : CG/JU  
 Sample : N4239-01  
 Misc : SFAM-MDL-W-01-4PPM  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-QT3-2022-05

Quant Time: Jan 09 11:27:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010423.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 05 01:03:13 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
 Supervised By :mohammad ahmed 01/12/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.326  | 152  | 48125    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.164 | 136  | 191434   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.941 | 164  | 156279   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.679 | 188  | 386297   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.980 | 240  | 376568   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.441 | 264  | 396509   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.625  | 96   | 4376     | 4.118  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.066  | 84   | 43472    | 12.807 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.456  | 99   | 73196    | 17.240 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.632  | 67   | 33724    | 19.371 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.850  | 132  | 51638    | 18.177 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.019  | 113  | 58800    | 17.381 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.501  | 128  | 26595    | 17.593 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.229 | 143  | 34989    | 17.699 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.770 | 165  | 68349    | 17.344 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.287 | 131  | 75859    | 17.106 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.330 | 166  | 219027   | 17.663 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.642 | 160  | 246431   | 18.091 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.106 | 143  | 29775    | 15.211 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.929 | 176  | 206636   | 17.840 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.028 | 200  | 40510    | 14.926 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.779 | 188  | 323433   | 18.216 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 20.041 | 212  | 394271   | 17.895 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.200 | 264  | 368863   | 18.141 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.672  | 88   | 1663m    | 1.404  | ng/uL  |          |
| 5) Pyridine                   | 4.089  | 79   | 13123    | 3.949  | ng/u1# | 88       |
| 6) Benzaldehyde               | 7.462  | 77   | 8286     | 5.563  | ng/u1  | 88       |
| 8) Phenol                     | 7.485  | 94   | 17729    | 4.229  | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.732  | 93   | 12461    | 4.293  | ng/u1  | 95       |
| 12) 2-Chlorophenol            | 7.885  | 128  | 12108    | 4.335  | ng/u1  | 93       |
| 13) 2-Methylphenol            | 8.760  | 108  | 13323    | 4.136  | ng/u1  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.843  | 45   | 2484     | 4.708  | ng/u1# | 57       |
| 16) Acetophenone              | 9.154  | 105  | 21671    | 4.163  | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 9.131  | 70   | 9744     | 4.226  | ng/u1# | 89       |
| 18) 4-Methylphenol            | 9.089  | 108  | 14630    | 4.182  | ng/u1# | 77       |
| 19) Hexachloroethane          | 9.430  | 117  | 4892     | 4.500  | ng/u1  | 94       |
| 22) Nitrobenzene              | 9.542  | 77   | 15256    | 4.444  | ng/u1# | 98       |
| 23) Isophorone                | 10.065 | 82   | 28422    | 3.928  | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 10.259 | 139  | 8035     | 4.212  | ng/u1# | 86       |
| 26) 2,4-Dimethylphenol        | 10.306 | 107  | 16536    | 4.232  | ng/u1  | 91       |
| 27) Bis(2-Chloroethoxy)met... | 10.541 | 93   | 17855    | 4.405  | ng/u1# | 88       |
| 29) 2,4-Dichlorophenol        | 10.793 | 162  | 14997    | 4.036  | ng/u1  | 97       |
| 30) Naphthalene               | 11.216 | 128  | 44179    | 4.409  | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 11.310 | 127  | 18419    | 4.065  | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 11.493 | 225  | 14198    | 4.455  | ng/u1  | 96       |
| 34) Caprolactam               | 12.051 | 113  | 4476     | 3.839  | ng/u1  | 95       |
| 35) 4-Chloro-3-methylphenol   | 12.403 | 107  | 13644    | 3.743  | ng/u1# | 91       |
| 36) 2-Methylnaphthalene       | 12.791 | 142  | 32134    | 4.199  | ng/u1  | 99       |

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 Sample : N4239-01  
 Misc : SFAM-MDL-W-01-4PPM  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MDL-WATER-QT3-2022-05

Quant Time: Jan 09 11:27:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG010423.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 05 01:03:13 2023  
 Response via : Initial Calibration

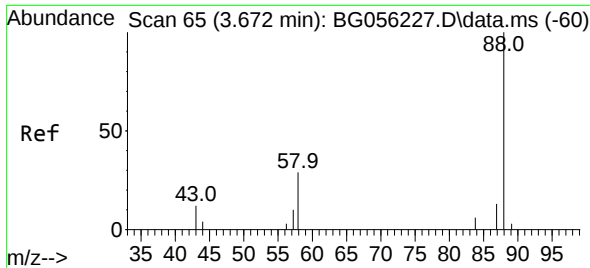
### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
 Supervised By :mohammad ahmed 01/12/2023

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 13.014 | 142  | 30483    | 3.873 | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 13.155 | 216  | 27315    | 4.515 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 13.132 | 237  | 14507    | 3.527 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.384 | 196  | 15453    | 4.023 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 13.449 | 196  | 16826    | 4.028 | ng/ul  | 92       |
| 43) 1,1'-Biphenyl             | 13.778 | 154  | 49034    | 4.359 | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.831 | 162  | 38864    | 4.213 | ng/ul  | 95       |
| 45) 2-Nitroaniline            | 14.019 | 65   | 6342     | 3.602 | ng/ul  | 93       |
| 47) Dimethylphthalate         | 14.377 | 163  | 50509    | 4.121 | ng/ul  | 97       |
| 48) 2,6-Dinitrotoluene        | 14.501 | 165  | 10157    | 3.947 | ng/ul# | 97       |
| 50) Acenaphthylene            | 14.665 | 152  | 59238    | 4.293 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.830 | 138  | 8938     | 4.586 | ng/ul# | 93       |
| 52) Acenaphthene              | 15.006 | 153  | 40765    | 4.270 | ng/ul  | 88       |
| 53) 2,4-Dinitrophenol         | 15.035 | 184  | 5941     | 3.228 | ng/ul# | 85       |
| 55) 4-Nitrophenol             | 15.118 | 109  | 6125     | 3.345 | ng/ul  | 91       |
| 56) Dibenzofuran              | 15.335 | 168  | 64622    | 4.378 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 15.288 | 165  | 14258    | 3.888 | ng/ul# | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.558 | 232  | 14793    | 3.657 | ng/ul# | 92       |
| 59) Diethylphthalate          | 15.723 | 149  | 46332    | 4.066 | ng/ul  | 95       |
| 61) Fluorene                  | 15.981 | 166  | 50992    | 4.290 | ng/ul  | 94       |
| 62) 4-Chlorophenyl-phenyle... | 15.964 | 204  | 31441    | 4.230 | ng/ul  | 92       |
| 63) 4-Nitroaniline            | 15.987 | 138  | 8341     | 4.678 | ng/ul  | 99       |
| 66) 4,6-Dinitro-2-methylph... | 16.046 | 198  | 10834    | 4.182 | ng/ul# | 98       |
| 67) N-Nitrosodiphenylamine    | 16.175 | 169  | 44919    | 4.357 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.857 | 248  | 20391    | 4.115 | ng/ul# | 85       |
| 69) Hexachlorobenzene         | 16.986 | 284  | 20968    | 4.274 | ng/ul  | 95       |
| 70) Atrazine                  | 17.104 | 200  | 20332    | 4.327 | ng/ul  | 95       |
| 71) Pentachlorophenol         | 17.327 | 266  | 9821m    | 3.138 | ng/ul  |          |
| 72) Phenanthrene              | 17.721 | 178  | 85932    | 4.363 | ng/ul  | 99       |
| 74) Anthracene                | 17.815 | 178  | 86382    | 4.320 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.749 | 216  | 25201    | 4.328 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 15.259 | 250  | 24643    | 4.137 | ng/uL  | 94       |
| 77) Carbazole                 | 18.073 | 167  | 70325    | 4.284 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.608 | 149  | 71847    | 4.148 | ng/ul  | 98       |
| 80) Fluoranthene              | 19.712 | 202  | 109524   | 4.203 | ng/ul  | 98       |
| 82) Pyrene                    | 20.071 | 202  | 109230   | 4.192 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.934 | 149  | 30206    | 3.952 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.857 | 252  | 42423    | 4.764 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.957 | 228  | 110902   | 4.271 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.822 | 149  | 44678    | 4.043 | ng/ul  | 98       |
| 87) Chrysene                  | 22.027 | 228  | 103402   | 4.282 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 23.108 | 149  | 77042    | 4.232 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.325 | 252  | 116935   | 4.417 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 24.395 | 252  | 110917   | 4.282 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 25.270 | 252  | 102668   | 4.430 | ng/ul# | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.407 | 276  | 126380   | 4.145 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 29.477 | 278  | 109840   | 4.311 | ng/ul# | 98       |
| 96) Benzo(g,h,i)perylene      | 30.658 | 276  | 107579   | 4.365 | ng/ul  | 98       |

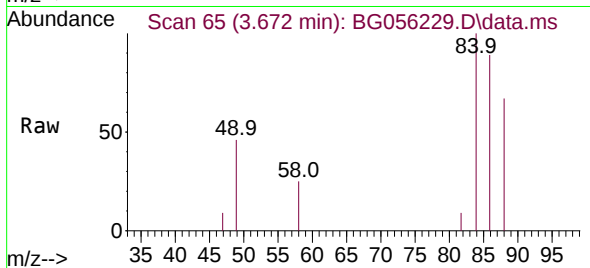
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 1.404 ng/uL m  
RT: 3.672 min Scan# 65  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

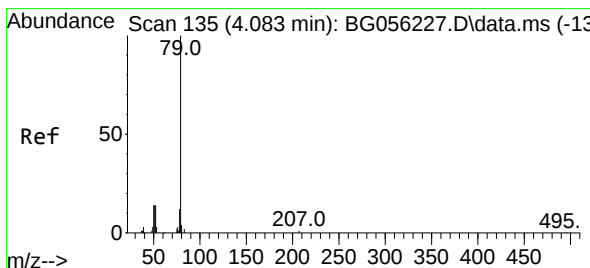
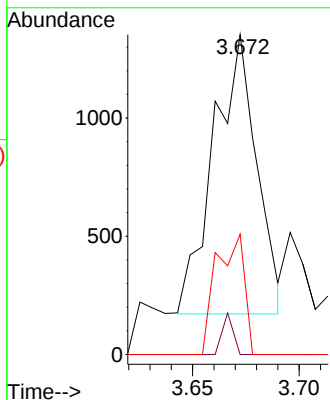
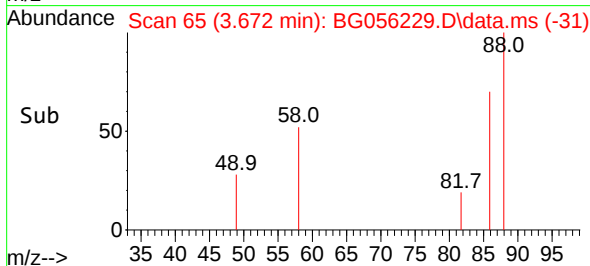
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion: 88 Resp: 1663  
Ion Ratio Lower Upper  
88 100  
43 0.0 6.8 10.2  
58 37.6 20.0 30.0

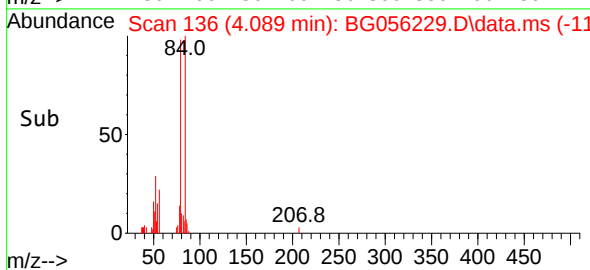
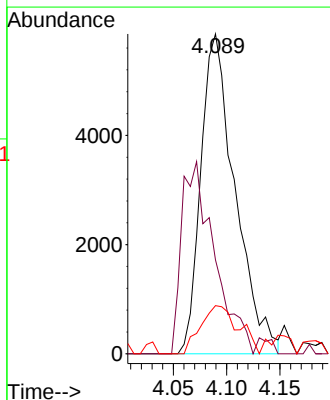
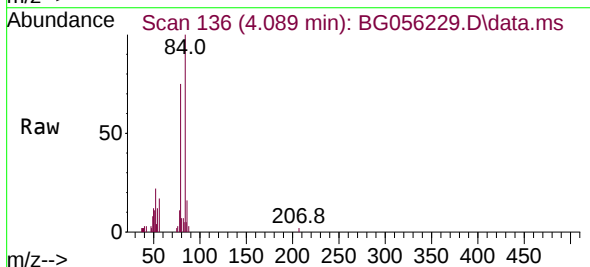
Manual Integrations  
APPROVED

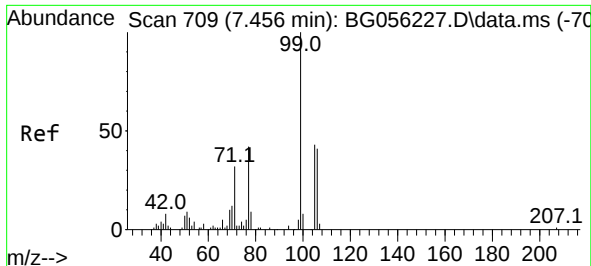
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#5  
Pyridine  
Concen: 3.949 ng/uL  
RT: 4.089 min Scan# 136  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

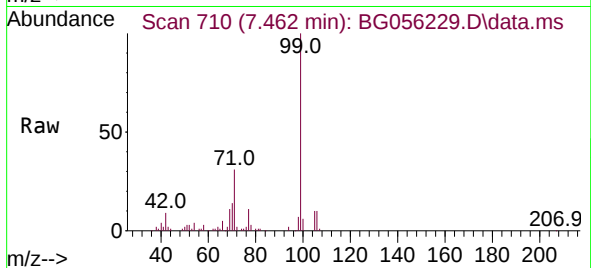
Tgt Ion: 79 Resp: 13123  
Ion Ratio Lower Upper  
79 100  
52 29.4 16.6 25.0  
51 15.1 13.4 20.2





#6  
Benzaldehyde  
Concen: 5.563 ng/ul  
RT: 7.462 min Scan# 710  
Delta R.T. 0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

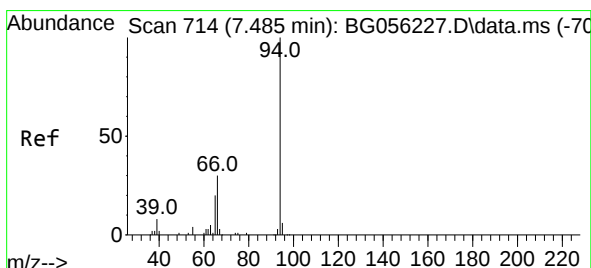
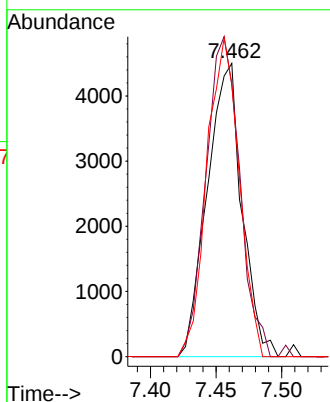
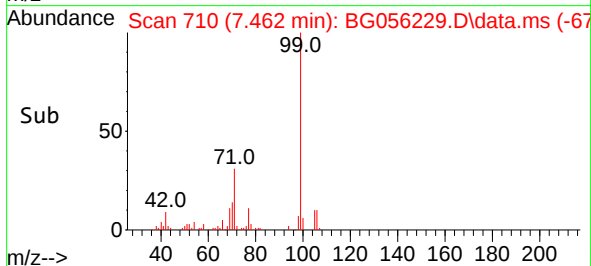
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion: 77 Resp: 8286  
Ion Ratio Lower Upper  
77 100  
105 92.7 86.5 129.7  
106 92.9 80.8 121.2

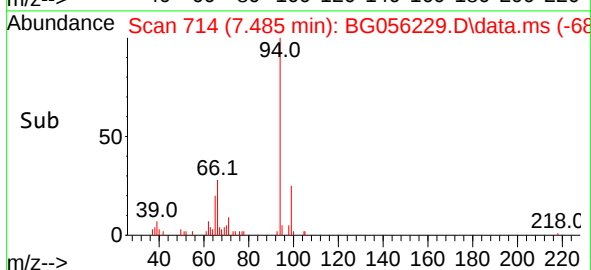
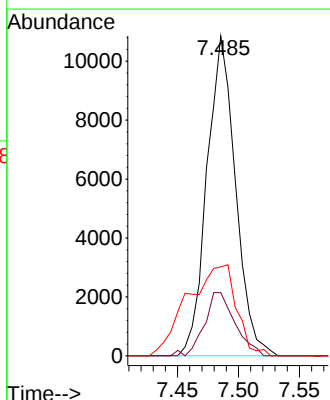
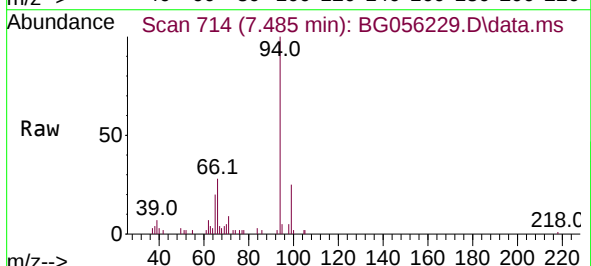
Manual Integrations  
APPROVED

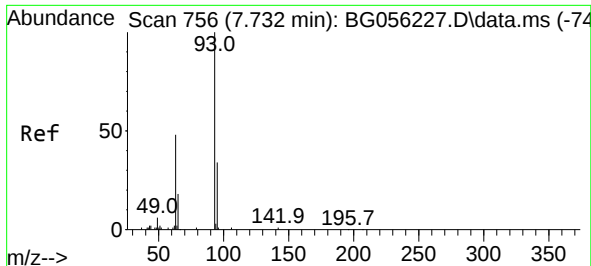
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#8  
Phenol  
Concen: 4.229 ng/ul  
RT: 7.485 min Scan# 714  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

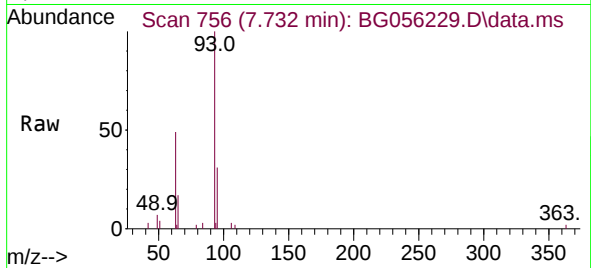
Tgt Ion: 94 Resp: 17729  
Ion Ratio Lower Upper  
94 100  
65 19.8 15.9 23.9  
66 27.8 24.6 37.0





#10  
Bis(2-Chloroethyl)ether  
Concen: 4.293 ng/ul  
RT: 7.732 min Scan# 756  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

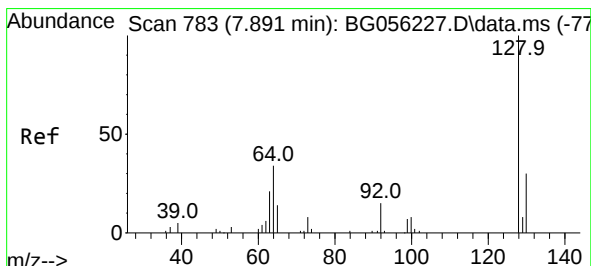
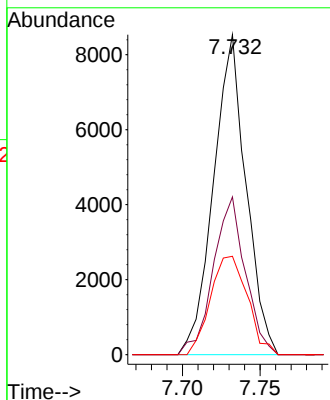
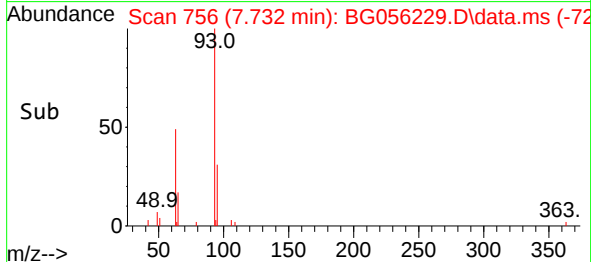
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 1246  |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 49.3     | 37.4 56.2   |
| 95 30.7     | 28.1 42.1   |

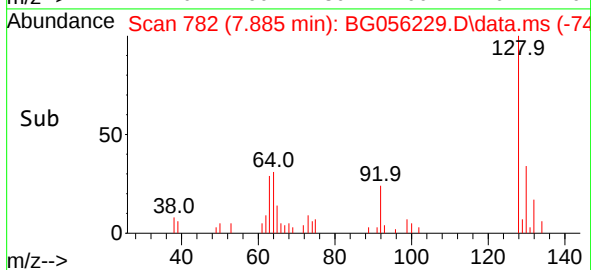
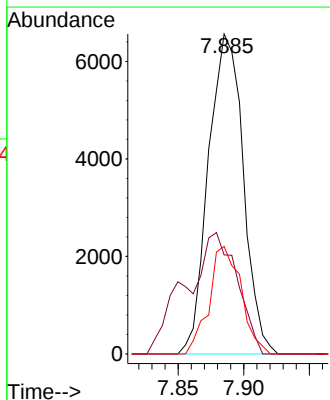
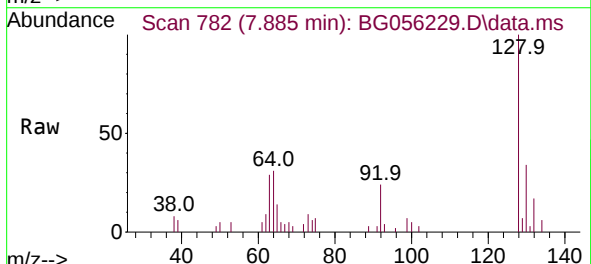
Manual Integrations  
APPROVED

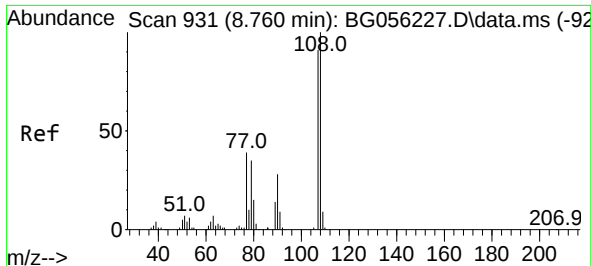
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#12  
2-Chlorophenol  
Concen: 4.335 ng/ul  
RT: 7.885 min Scan# 782  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:128 | Resp: | 12108 |
| Ion | Ratio   | Lower | Upper |
| 128 | 100     |       |       |
| 64  | 30.9    | 29.0  | 43.6  |
| 130 | 33.6    | 25.3  | 37.9  |





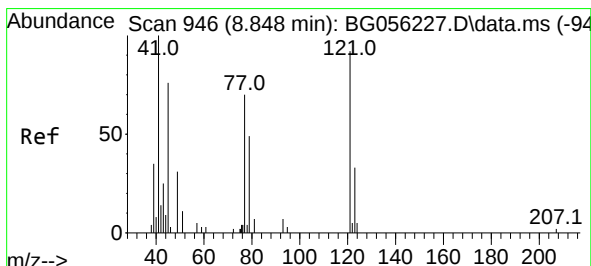
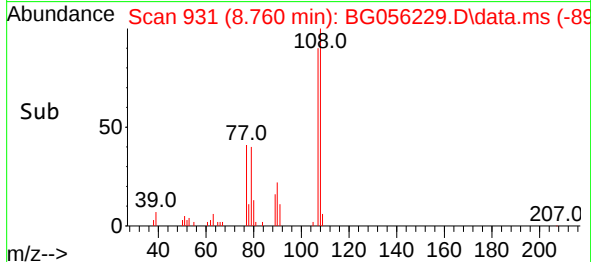
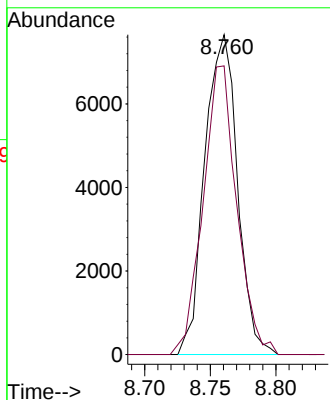
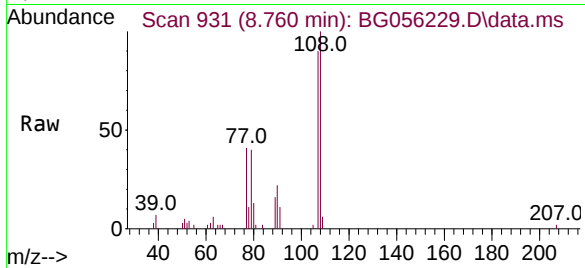
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2-Methylphenol  
Concen: 4.136 ng/ul  
RT: 8.760 min Scan# 931  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05

Tgt Ion:108 Resp: 13323  
Ion Ratio Lower Upper  
108 100  
107 90.2 70.5 105.7

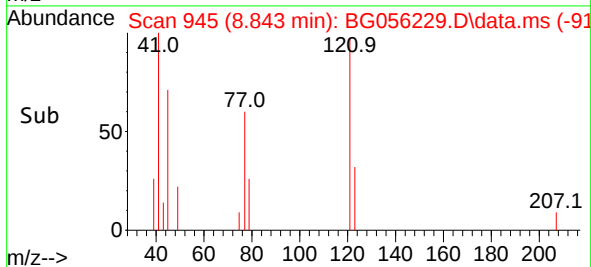
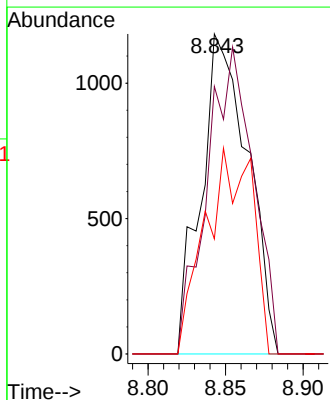
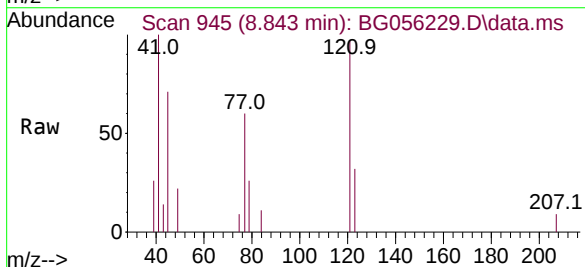
Manual Integrations  
APPROVED

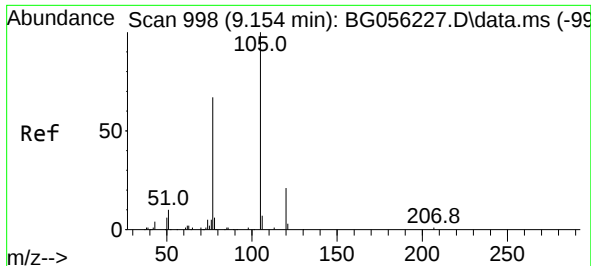
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.708 ng/ul  
RT: 8.843 min Scan# 945  
Delta R.T. -0.014 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

Tgt Ion: 45 Resp: 2484  
Ion Ratio Lower Upper  
45 100  
77 83.6 90.5 135.7#  
79 36.0 75.8 113.6#





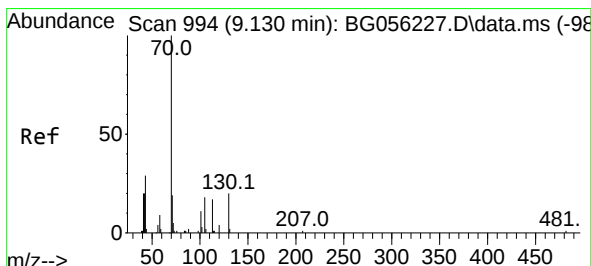
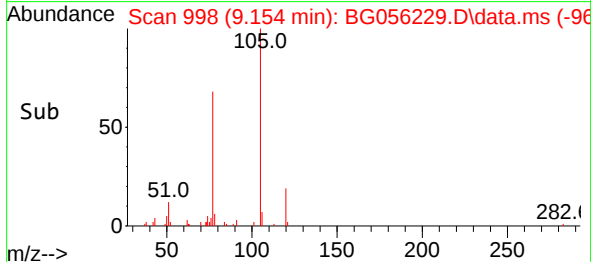
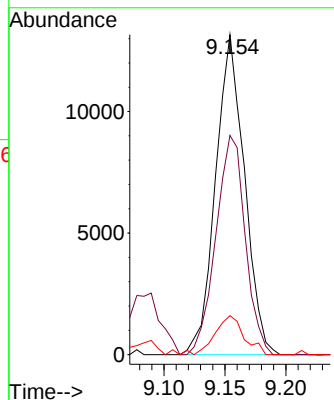
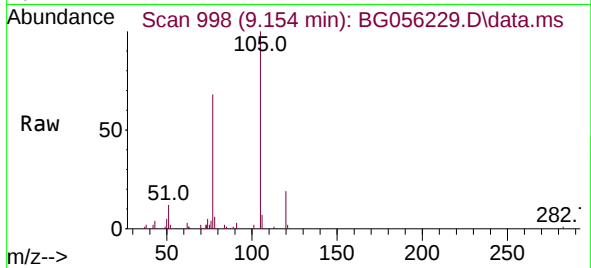
#16  
Acetophenone  
Concen: 4.163 ng/ul  
RT: 9.154 min Scan# 998  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

Instrument : BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05

Tgt Ion:105 Resp: 2167  
Ion Ratio Lower Upper  
105 100  
77 68.5 52.8 79.2  
51 12.2 10.1 15.1

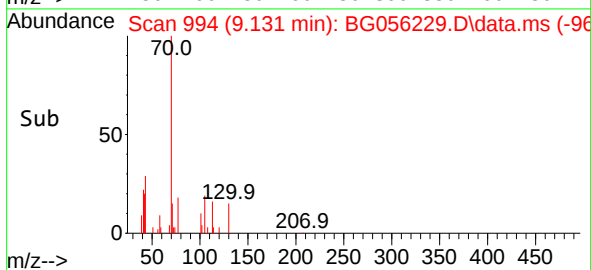
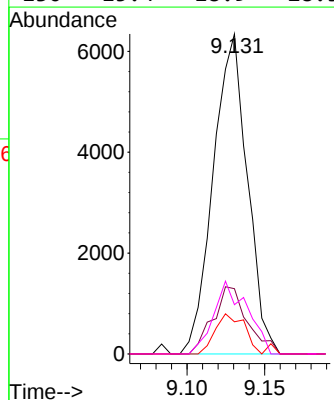
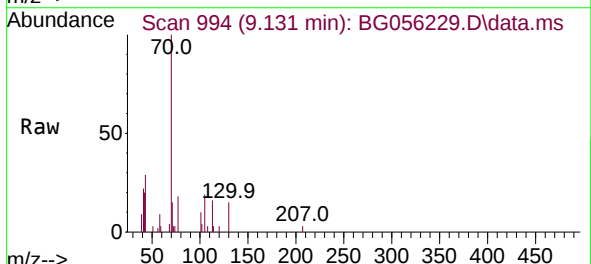
Manual Integrations  
APPROVED

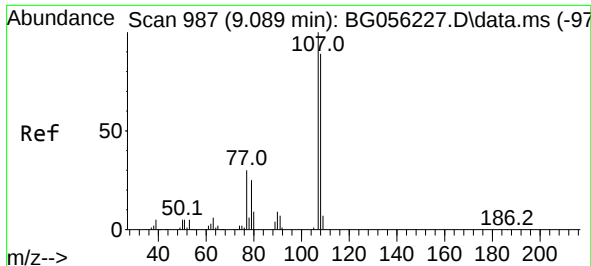
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#17  
N-Nitroso-di-n-propylamine  
Concen: 4.226 ng/ul  
RT: 9.131 min Scan# 994  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

Tgt Ion: 70 Resp: 9744  
Ion Ratio Lower Upper  
70 100  
42 20.4 19.9 29.9  
101 10.0 9.8 14.6  
130 15.4 18.9 28.3#





#18

4-Methylphenol

Concen: 4.182 ng/ul

RT: 9.089 min Scan# 987

Delta R.T. -0.003 min

Lab File: BG056229.D

Acq: 9 Jan 2023 10:47

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT3-2022-05

Tgt Ion:108 Resp: 14630

Ion Ratio Lower Upper

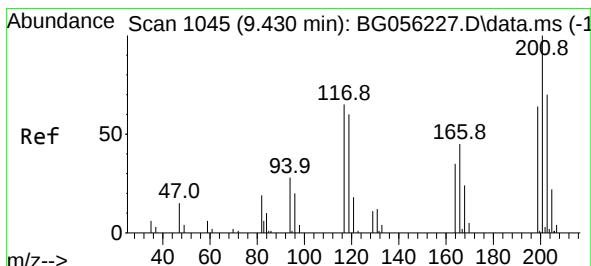
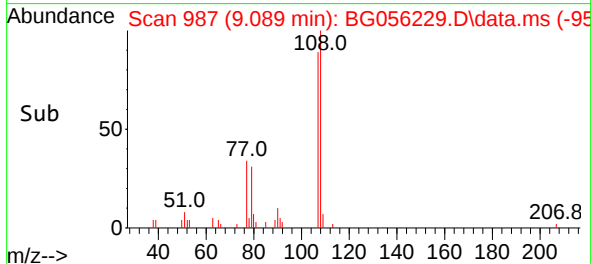
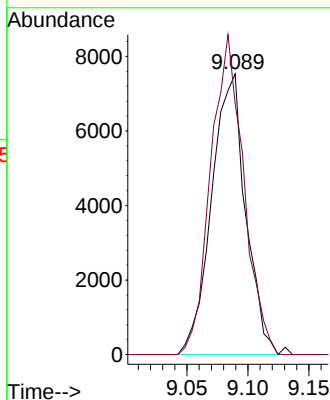
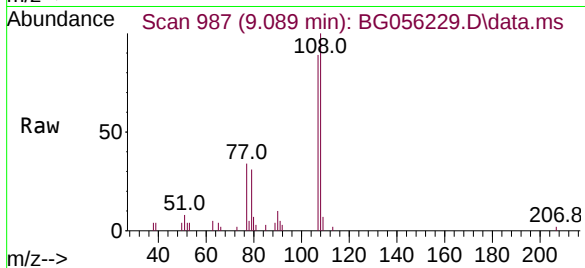
108 100

107 89.4 91.5 137.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#19

Hexachloroethane

Concen: 4.500 ng/ul

RT: 9.430 min Scan# 1045

Delta R.T. -0.003 min

Lab File: BG056229.D

Acq: 9 Jan 2023 10:47

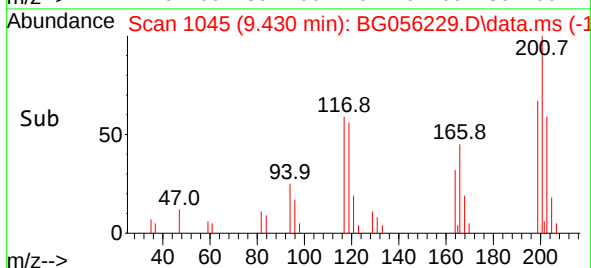
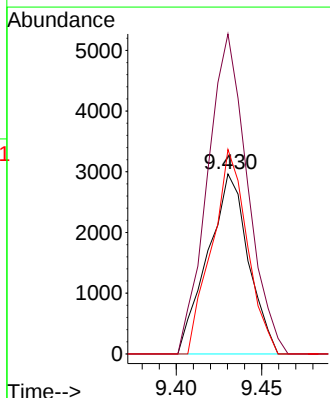
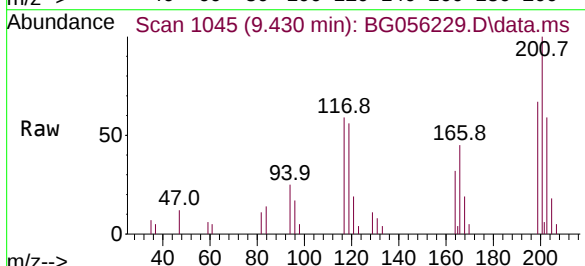
Tgt Ion:117 Resp: 4892

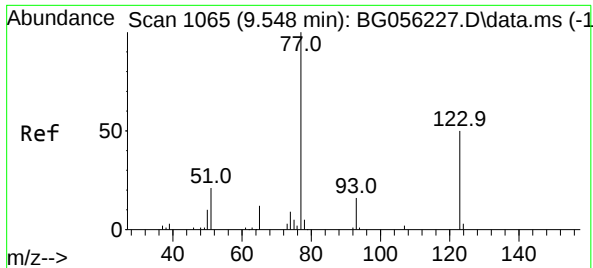
Ion Ratio Lower Upper

117 100

201 177.8 132.0 198.0

199 113.6 89.4 134.0





#22

Nitrobenzene

Concen: 4.444 ng/ul

RT: 9.542 min Scan# 1064

Delta R.T. -0.008 min

Lab File: BG056229.D

Acq: 9 Jan 2023 10:47

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT3-2022-05

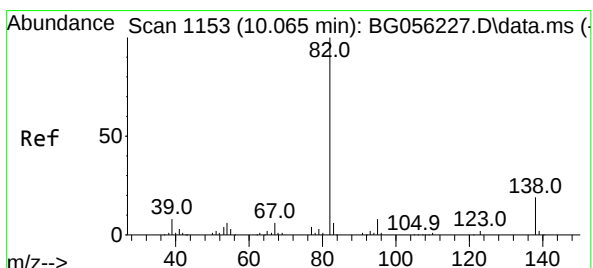
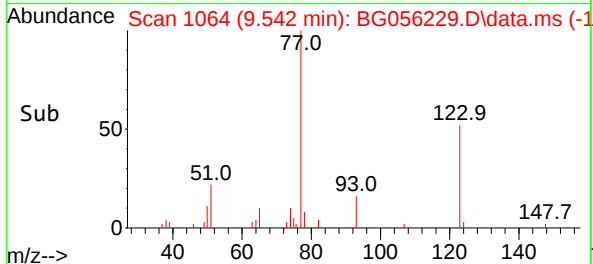
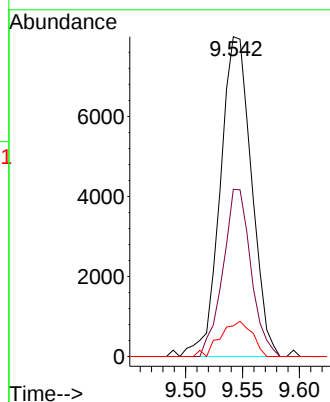
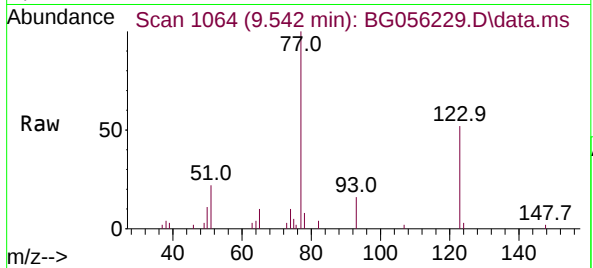
Tgt Ion: 77 Resp: 15256

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 52.3  | 42.2  | 63.2  |
| 65  | 9.6   | 10.5  | 15.7  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#23

Isophorone

Concen: 3.928 ng/ul

RT: 10.065 min Scan# 1153

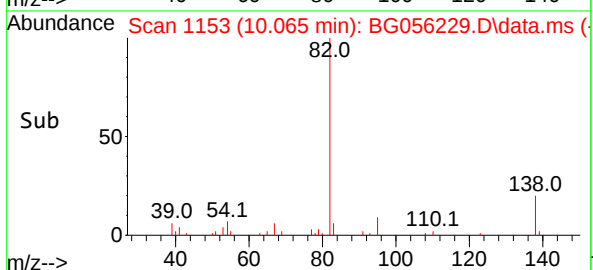
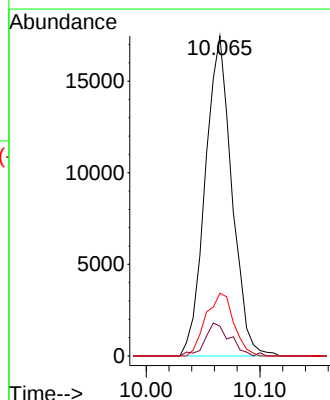
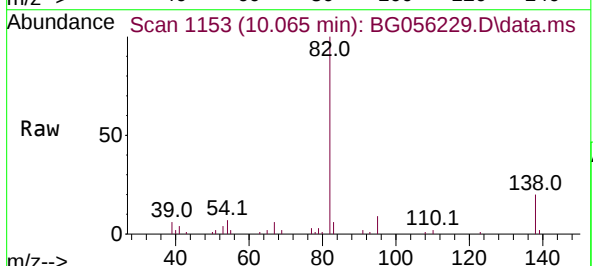
Delta R.T. -0.008 min

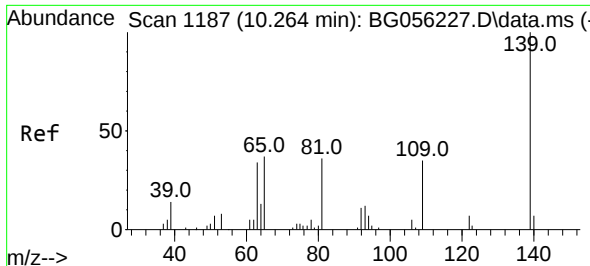
Lab File: BG056229.D

Acq: 9 Jan 2023 10:47

Tgt Ion: 82 Resp: 28422

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 9.3   | 6.9   | 10.3  |
| 138 | 19.6  | 15.4  | 23.2  |





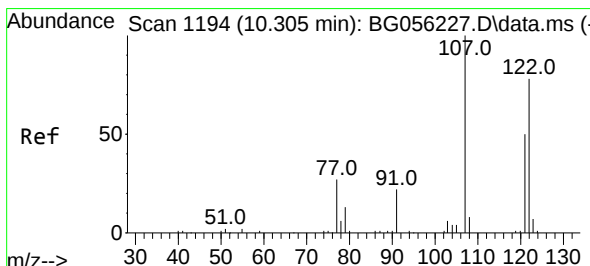
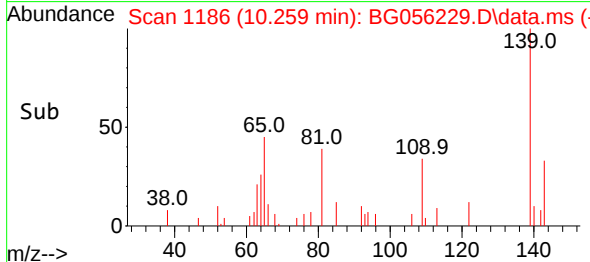
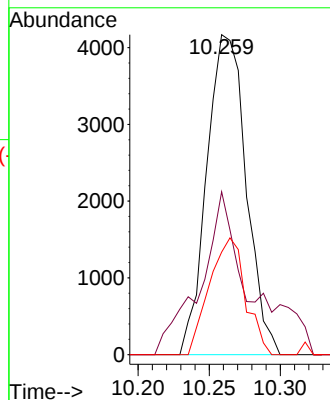
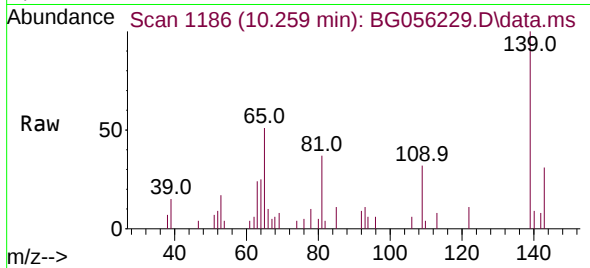
#25  
2-Nitrophenol  
Concen: 4.212 ng/ul  
RT: 10.259 min Scan# 1186  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05

Tgt Ion:139 Resp: 8035  
Ion Ratio Lower Upper  
139 100  
65 50.9 31.2 46.8  
109 32.0 30.1 45.1

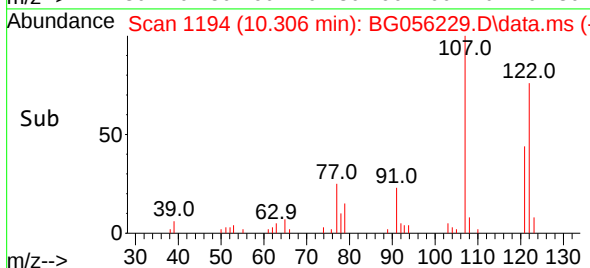
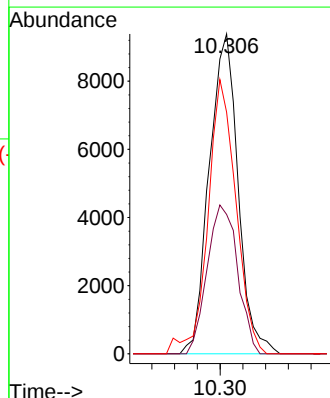
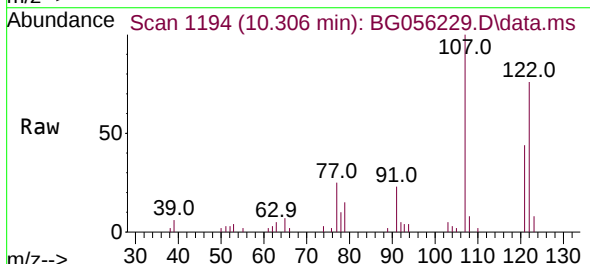
Manual Integrations  
APPROVED

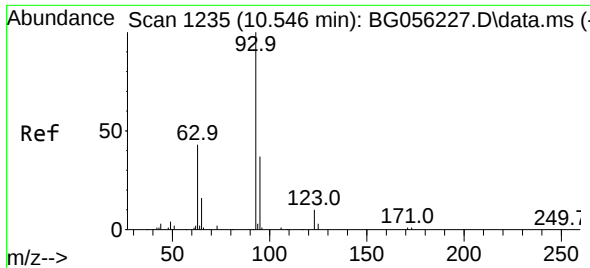
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#26  
2,4-Dimethylphenol  
Concen: 4.232 ng/ul  
RT: 10.306 min Scan# 1194  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

Tgt Ion:107 Resp: 16536  
Ion Ratio Lower Upper  
107 100  
121 43.6 40.5 60.7  
122 75.5 66.8 100.2





#27

Bis(2-Chloroethoxy)methane

Concen: 4.405 ng/ul

RT: 10.541 min Scan# 1235

Delta R.T. -0.003 min

Lab File: BG056229.D

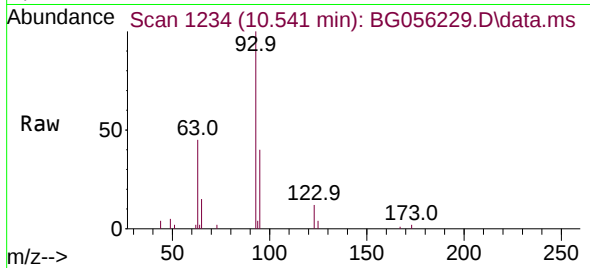
Acq: 9 Jan 2023 10:47

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT3-2022-05

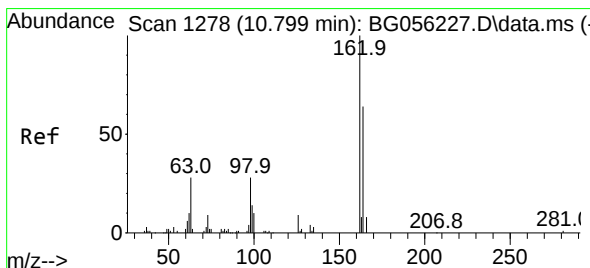
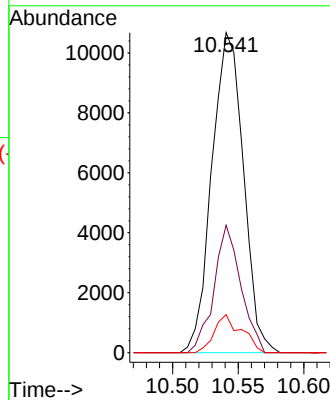
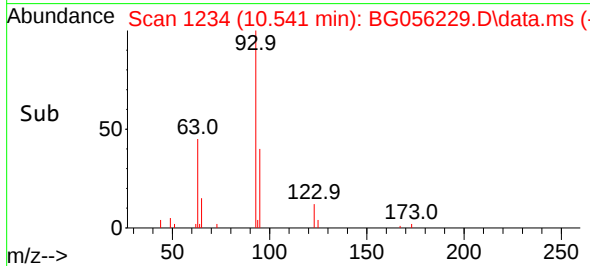


| Tgt Ion:  | 93   | Resp: | 1785  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 93        | 100  |       |       |
| 95        | 39.8 | 25.4  | 38.0  |
| 123       | 11.9 | 8.5   | 12.7  |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#29

2,4-Dichlorophenol

Concen: 4.036 ng/ul

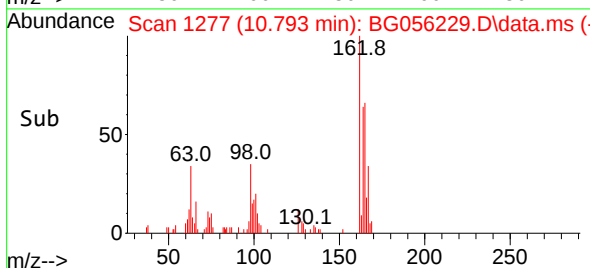
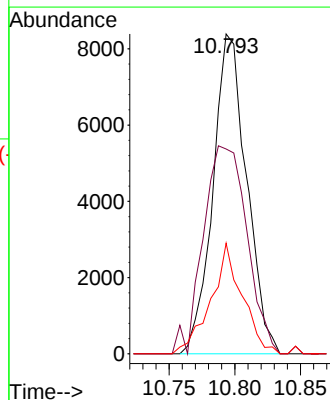
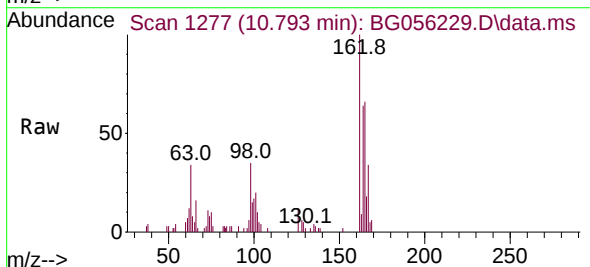
RT: 10.793 min Scan# 1277

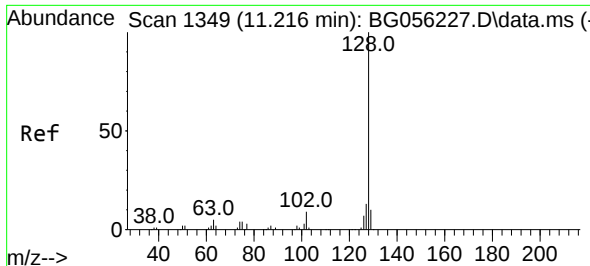
Delta R.T. -0.008 min

Lab File: BG056229.D

Acq: 9 Jan 2023 10:47

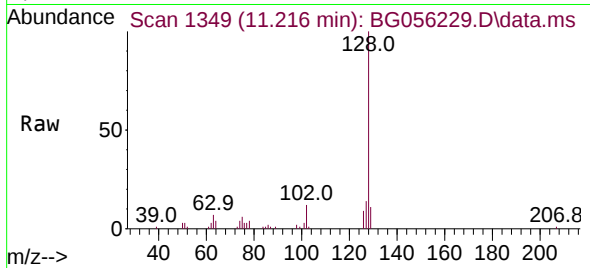
| Tgt Ion:  | 162  | Resp: | 14997 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 162       | 100  |       |       |
| 164       | 64.0 | 52.5  | 78.7  |
| 98        | 34.6 | 24.7  | 37.1  |





#30  
Naphthalene  
Concen: 4.409 ng/ul  
RT: 11.216 min Scan# 1349  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

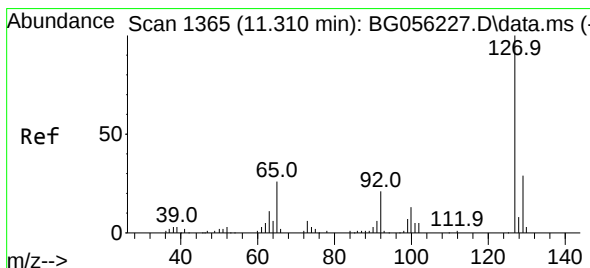
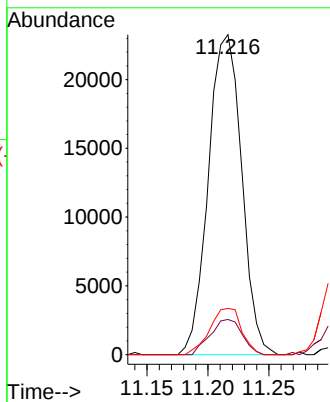
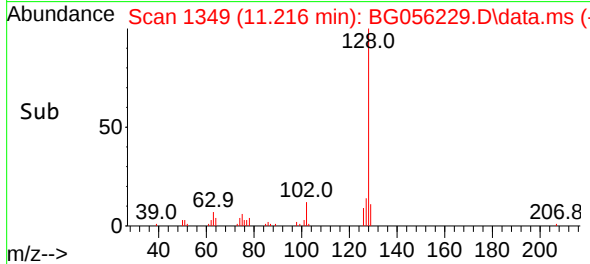
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion:128 Resp: 44179  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 14.4 10.9 16.3

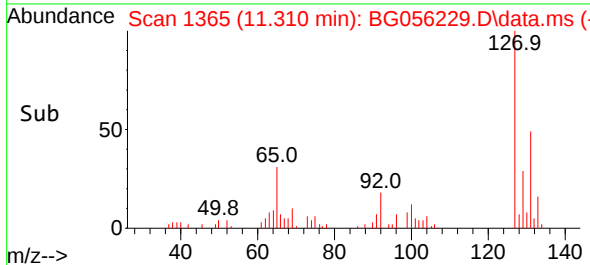
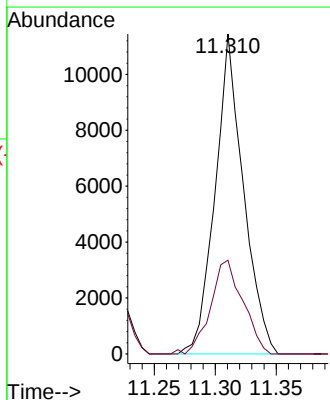
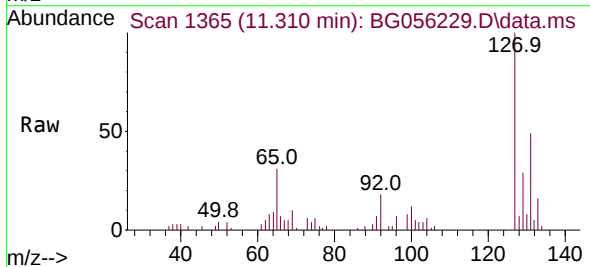
Manual Integrations  
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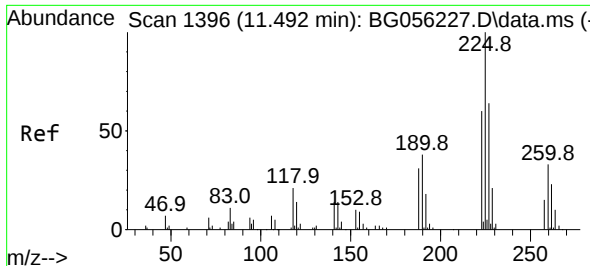
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#32  
4-Chloroaniline  
Concen: 4.065 ng/ul  
RT: 11.310 min Scan# 1365  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

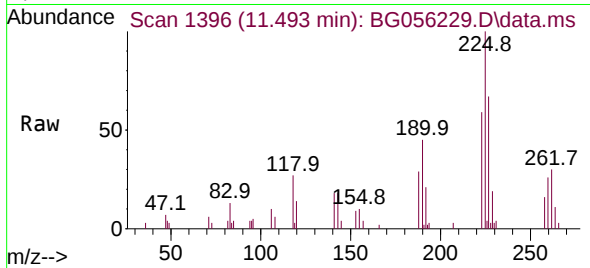
Tgt Ion:127 Resp: 18419  
Ion Ratio Lower Upper  
127 100  
129 29.3 23.5 35.3





#33  
Hexachlorobutadiene  
Concen: 4.455 ng/ul  
RT: 11.493 min Scan# 1396  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

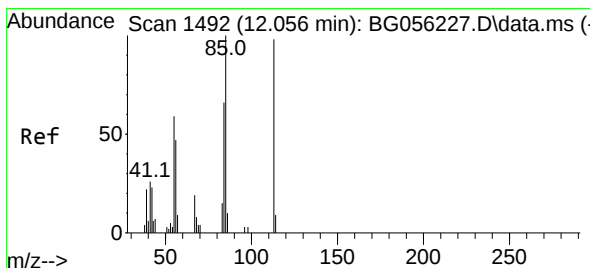
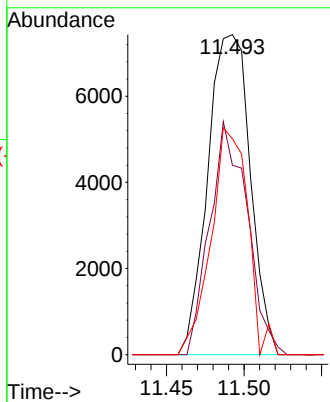
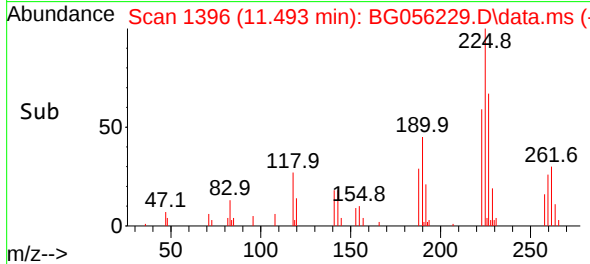
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



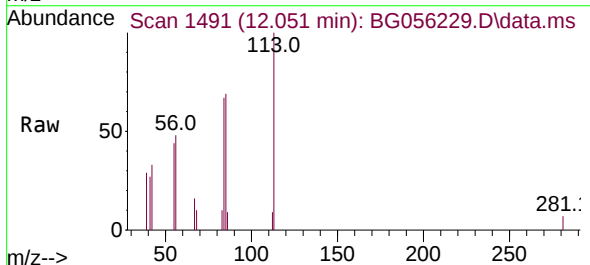
Tgt Ion:225 Resp: 14198  
Ion Ratio Lower Upper  
225 100  
223 59.2 49.8 74.6  
227 67.4 51.8 77.6

Manual Integrations  
APPROVED

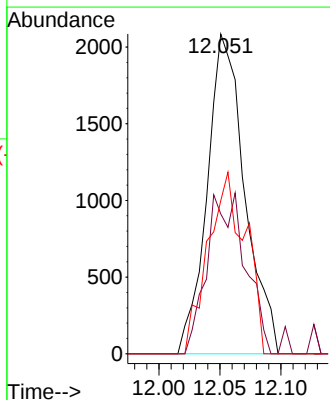
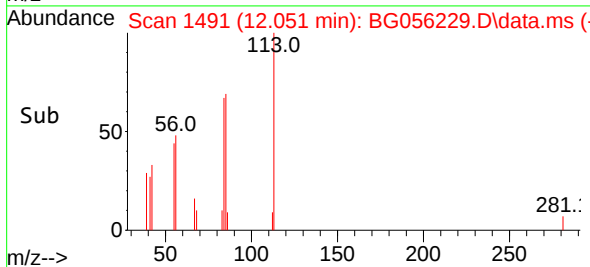
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023

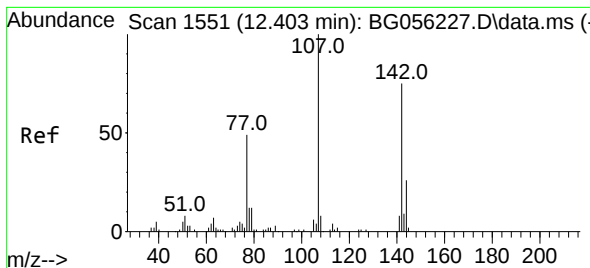


#34  
Caprolactam  
Concen: 3.839 ng/ul  
RT: 12.051 min Scan# 1491  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47



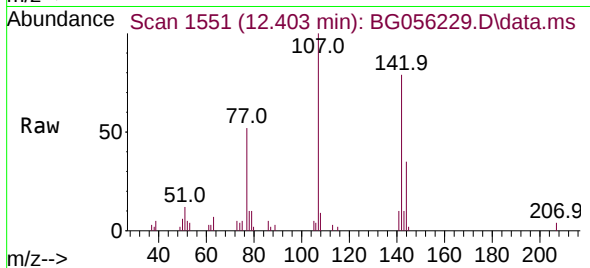
Tgt Ion:113 Resp: 4476  
Ion Ratio Lower Upper  
113 100  
55 43.7 39.3 58.9  
56 47.9 39.5 59.3





#35  
4-Chloro-3-methylphenol  
Concen: 3.743 ng/ul  
RT: 12.403 min Scan# 1551  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

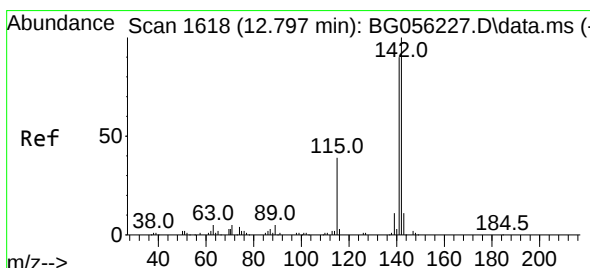
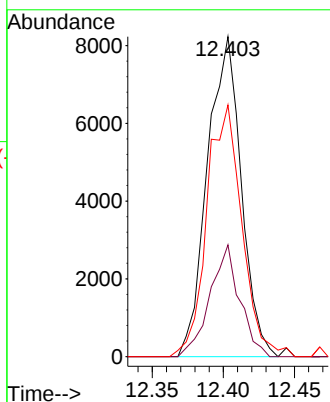
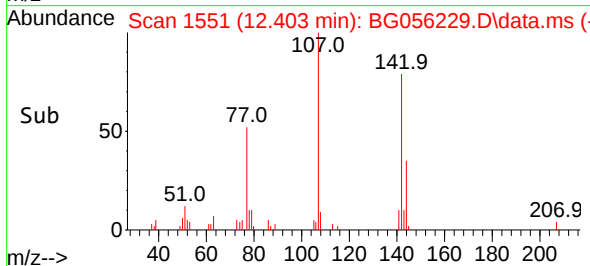
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion:107 Resp: 13644  
Ion Ratio Lower Upper  
107 100  
144 34.9 21.0 31.6  
142 78.6 67.9 101.9

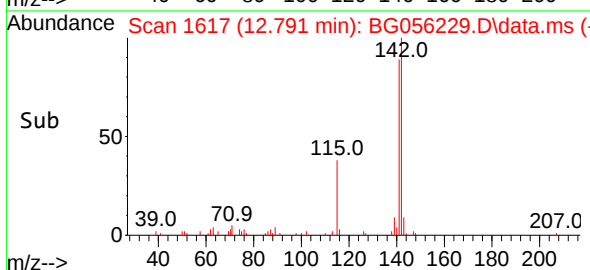
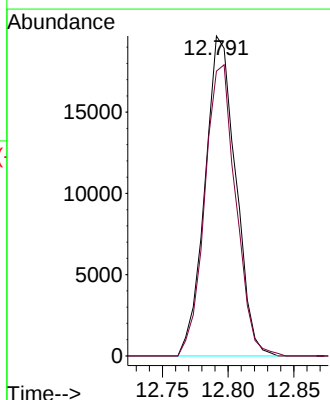
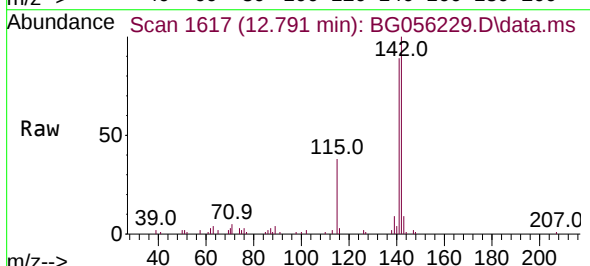
Manual Integrations  
APPROVED

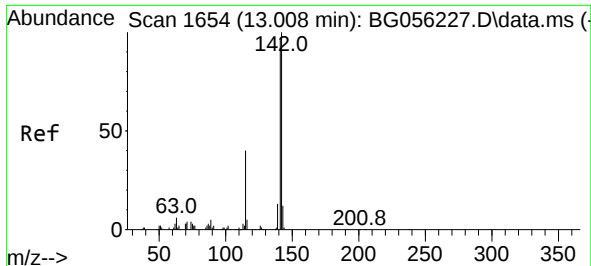
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#36  
2-Methylnaphthalene  
Concen: 4.199 ng/ul  
RT: 12.791 min Scan# 1617  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

Tgt Ion:142 Resp: 32134  
Ion Ratio Lower Upper  
142 100  
141 89.0 71.6 107.4





#37

1-Methylnaphthalene

Concen: 3.873 ng/ul

RT: 13.014 min Scan# 1655

Delta R.T. 0.003 min

Lab File: BG056229.D

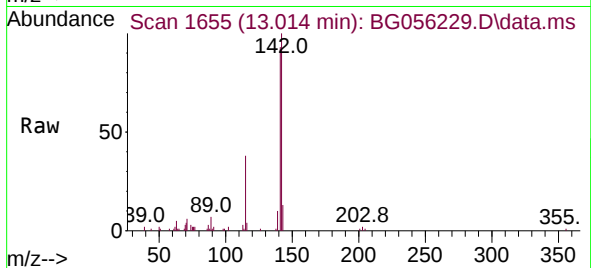
Acq: 9 Jan 2023 10:47

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT3-2022-05

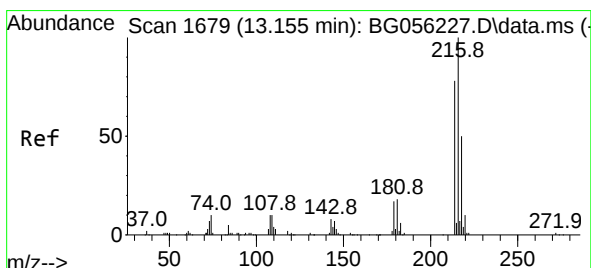
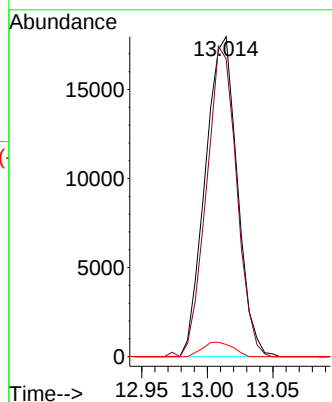
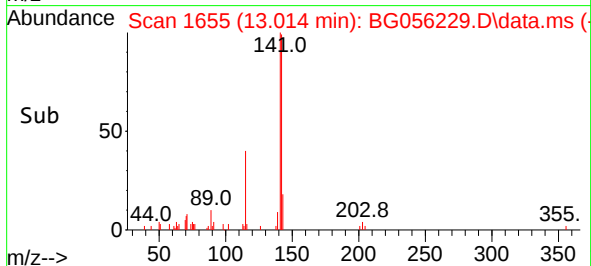


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 3048  |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 141       | 93.1  | 71.7  | 107.5 |
| 116       | 3.8   | 3.4   | 5.0   |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.515 ng/ul

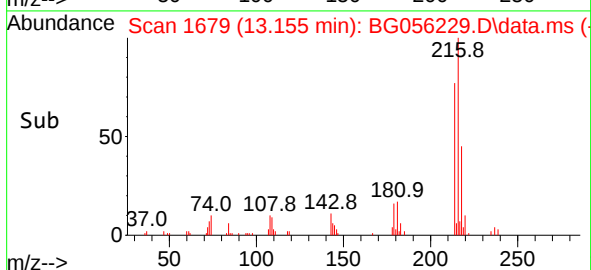
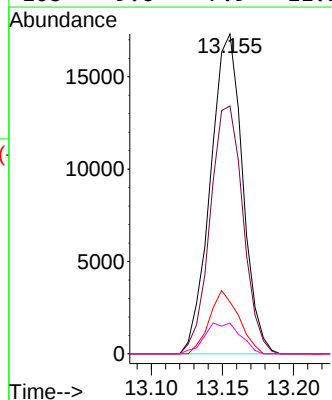
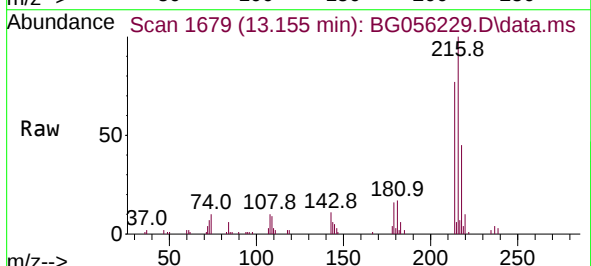
RT: 13.155 min Scan# 1679

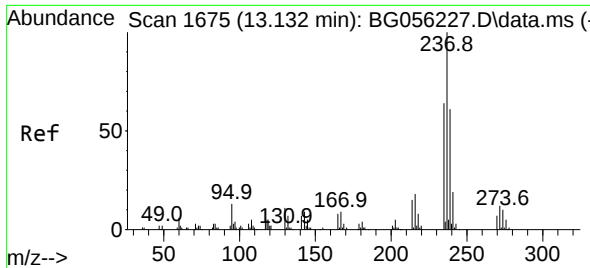
Delta R.T. -0.003 min

Lab File: BG056229.D

Acq: 9 Jan 2023 10:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 27315 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 77.5  | 62.0  | 93.0  |
| 179       | 16.2  | 13.8  | 20.8  |
| 108       | 9.6   | 7.9   | 11.9  |





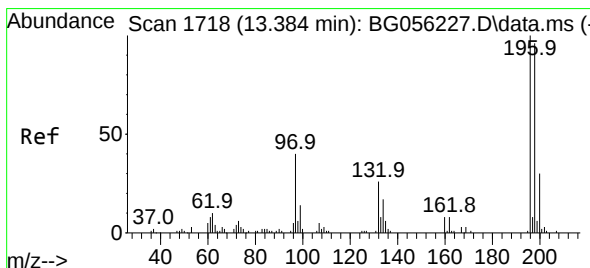
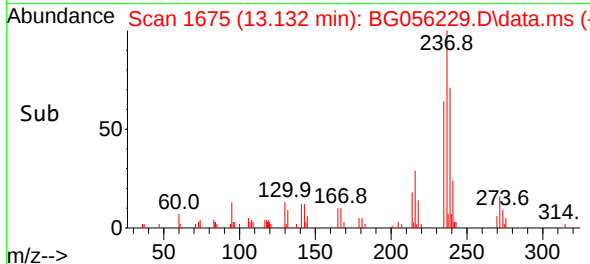
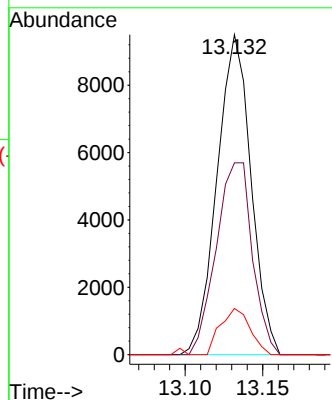
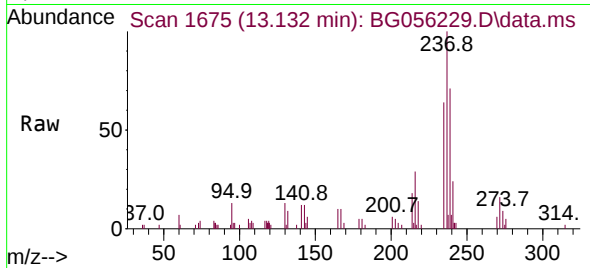
#40  
Hexachlorocyclopentadiene  
Concen: 3.527 ng/ul  
RT: 13.132 min Scan# 1675  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05

Tgt Ion:237 Resp: 1450  
Ion Ratio Lower Upper  
237 100  
235 59.9 48.6 72.8  
272 14.4 10.2 15.4

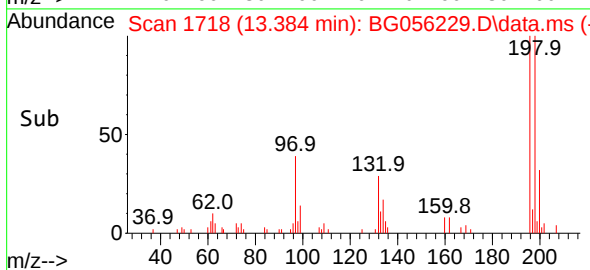
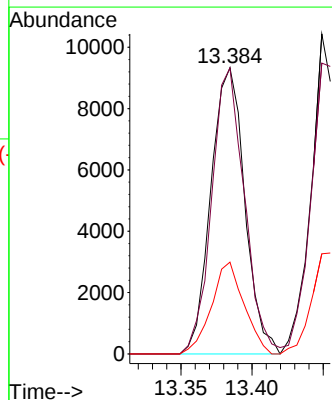
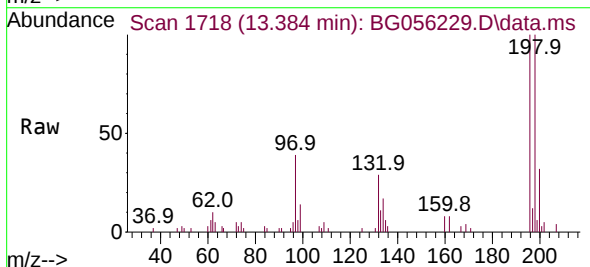
Manual Integrations  
APPROVED

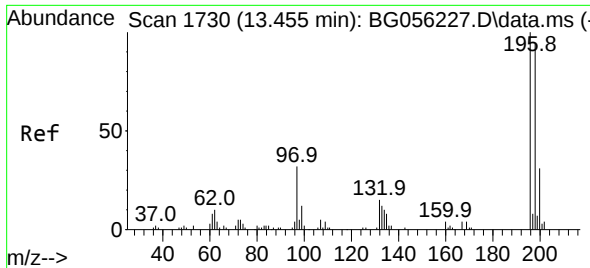
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#41  
2,4,6-Trichlorophenol  
Concen: 4.023 ng/ul  
RT: 13.384 min Scan# 1718  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

Tgt Ion:196 Resp: 15453  
Ion Ratio Lower Upper  
196 100  
198 99.9 76.2 114.2  
200 32.1 25.0 37.4





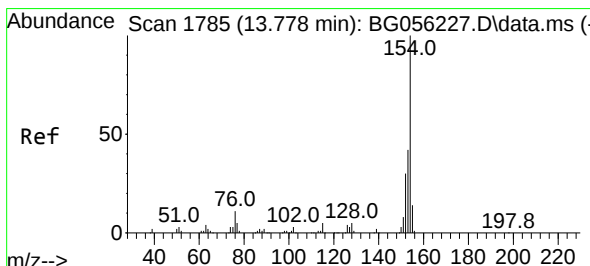
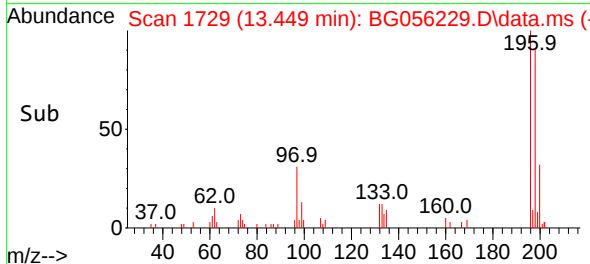
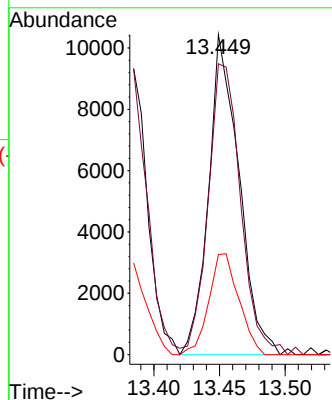
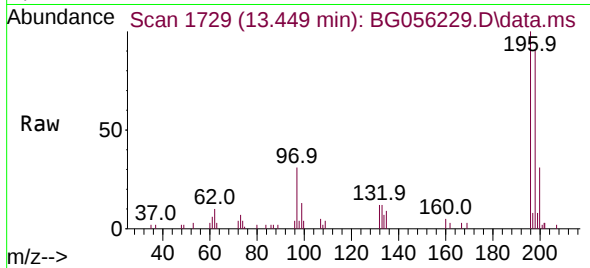
#42  
2,4,5-Trichlorophenol  
Concen: 4.028 ng/ul  
RT: 13.449 min Scan# 1729  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05

Tgt Ion:196 Resp: 16826  
Ion Ratio Lower Upper  
196 100  
198 90.9 80.2 120.4  
200 31.3 23.6 35.4

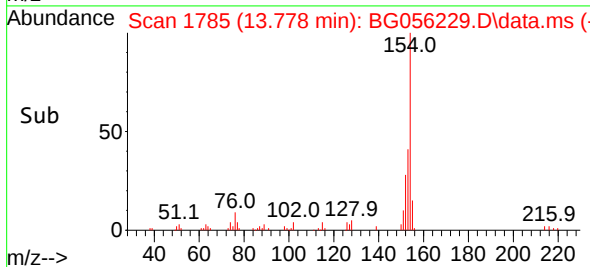
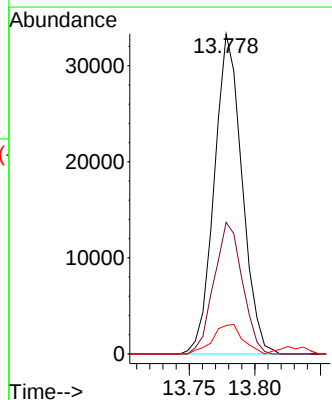
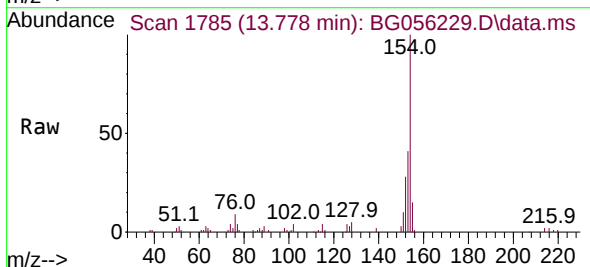
Manual Integrations  
APPROVED

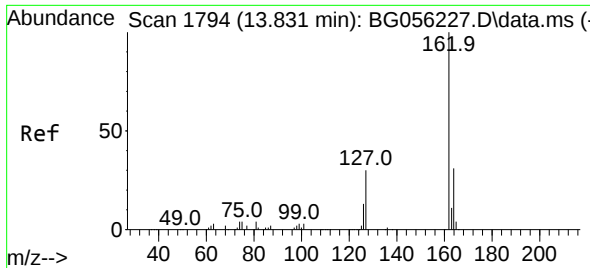
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#43  
1,1'-Biphenyl  
Concen: 4.359 ng/ul  
RT: 13.778 min Scan# 1785  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

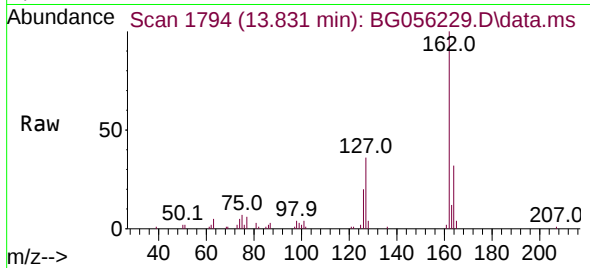
Tgt Ion:154 Resp: 49034  
Ion Ratio Lower Upper  
154 100  
153 41.1 34.0 51.0  
76 8.9 8.5 12.7





#44  
2-Chloronaphthalene  
Concen: 4.213 ng/ul  
RT: 13.831 min Scan# 1794  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

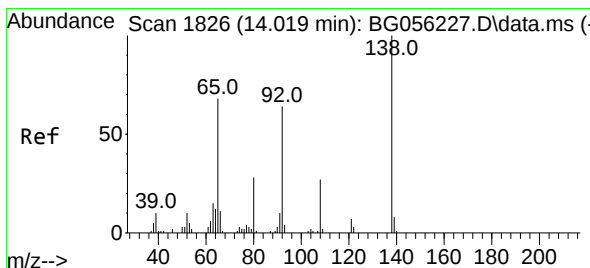
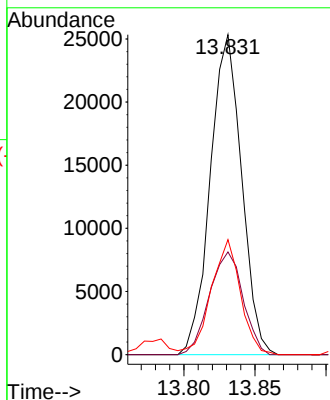
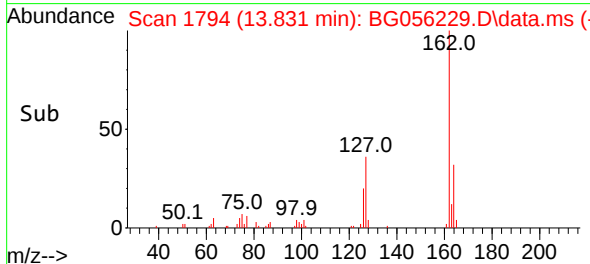
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



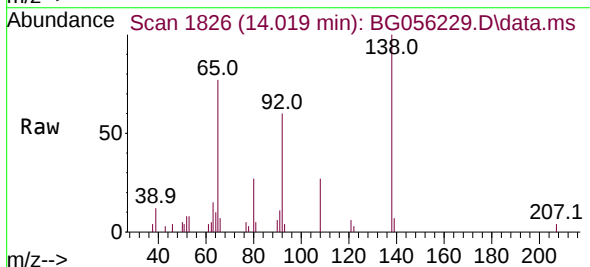
Tgt Ion:162 Resp: 38864  
Ion Ratio Lower Upper  
162 100  
164 32.1 25.9 38.9  
127 35.9 24.6 36.8

Manual Integrations  
APPROVED

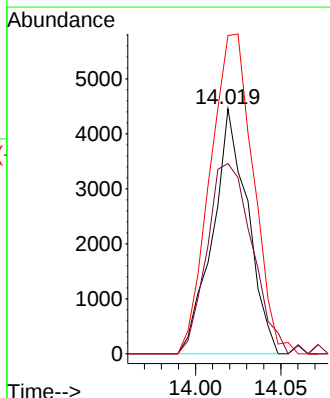
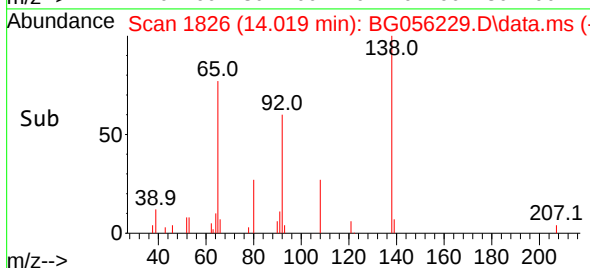
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023

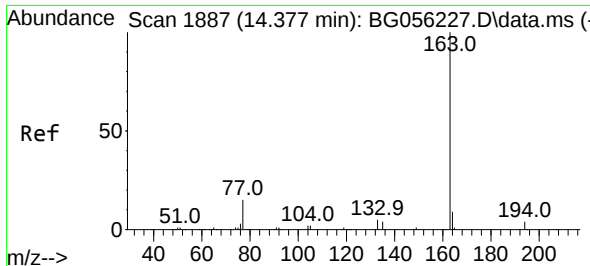


#45  
2-Nitroaniline  
Concen: 3.602 ng/ul  
RT: 14.019 min Scan# 1826  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47



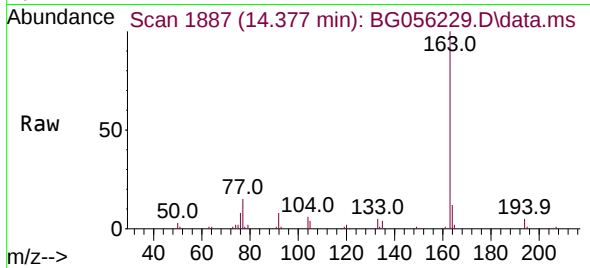
Tgt Ion: 65 Resp: 6342  
Ion Ratio Lower Upper  
65 100  
92 77.6 68.2 102.2  
138 129.8 109.7 164.5





#47  
Dimethylphthalate  
Concen: 4.121 ng/ul  
RT: 14.377 min Scan# 1887  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

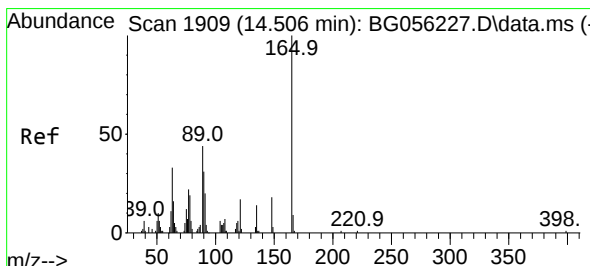
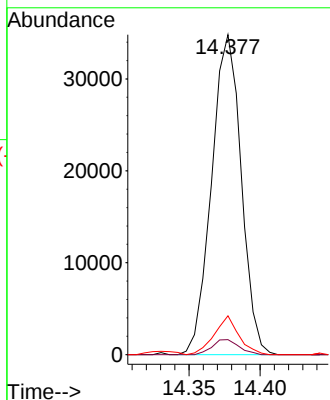
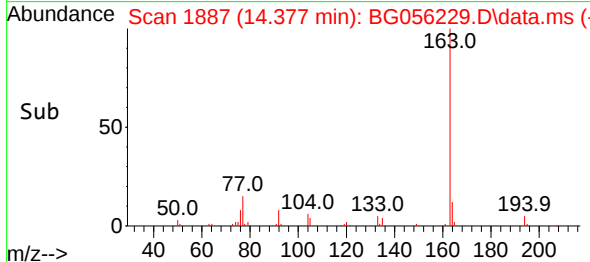
Instrument : BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



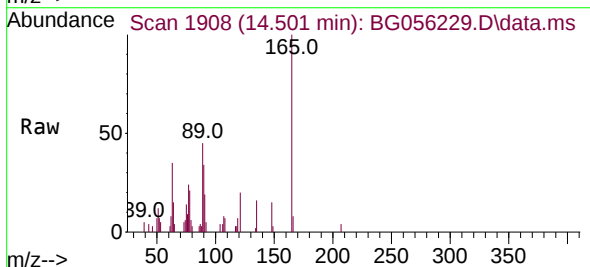
Tgt Ion:163 Resp: 50509  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.5 5.3  
164 12.1 8.6 12.8

Manual Integrations  
APPROVED

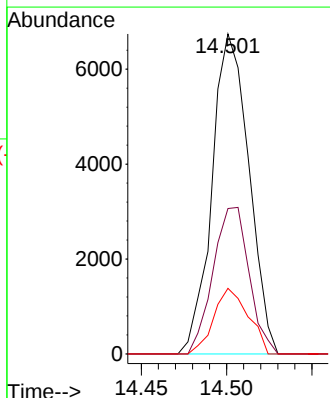
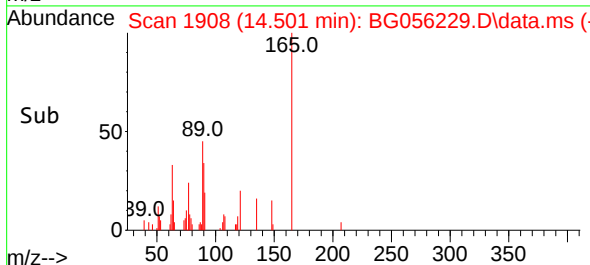
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023

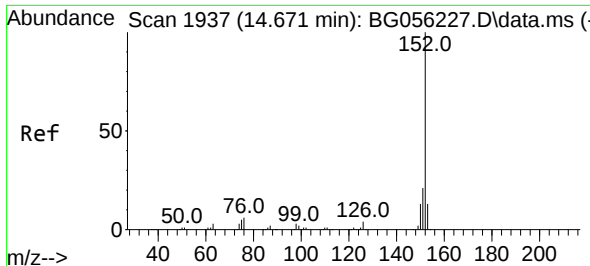


#48  
2,6-Dinitrotoluene  
Concen: 3.947 ng/ul  
RT: 14.501 min Scan# 1908  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47



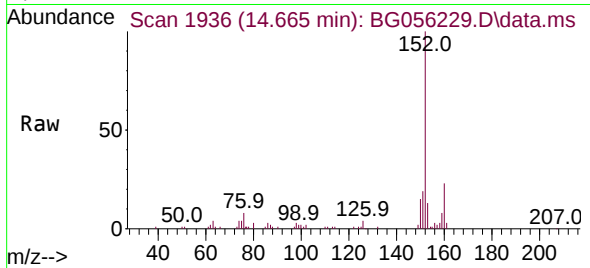
Tgt Ion:165 Resp: 10157  
Ion Ratio Lower Upper  
165 100  
89 45.4 36.2 54.4  
121 20.5 12.2 18.4#





#50  
Acenaphthylene  
Concen: 4.293 ng/ul  
RT: 14.665 min Scan# 1937  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

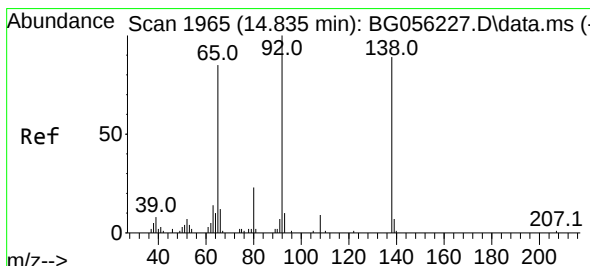
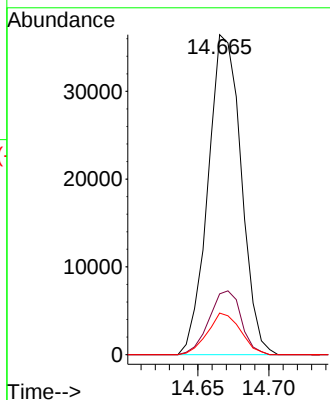
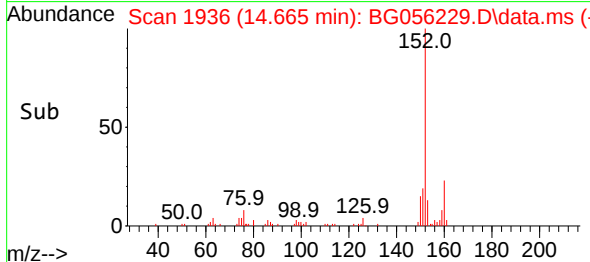
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion:152 Resp: 59238  
Ion Ratio Lower Upper  
152 100  
151 19.0 15.4 23.2  
153 13.0 10.5 15.7

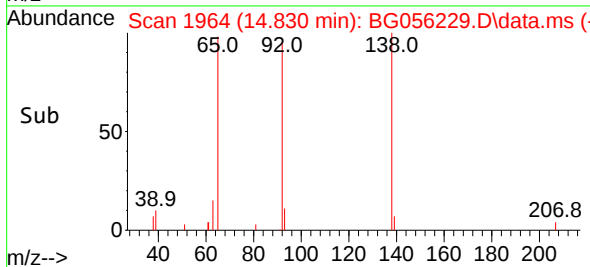
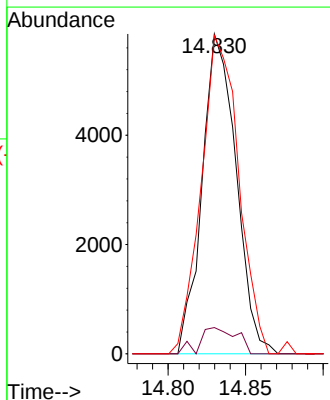
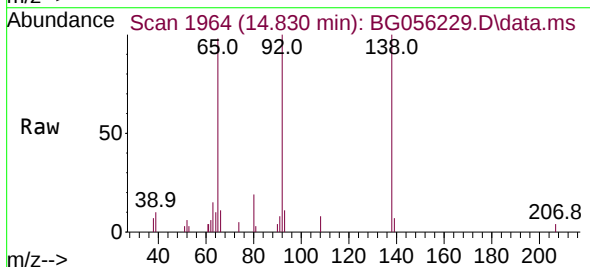
Manual Integrations  
APPROVED

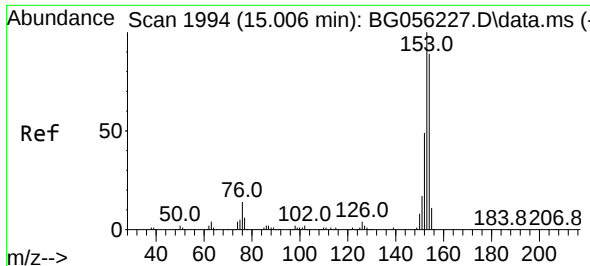
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#51  
3-Nitroaniline  
Concen: 4.586 ng/ul  
RT: 14.830 min Scan# 1964  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

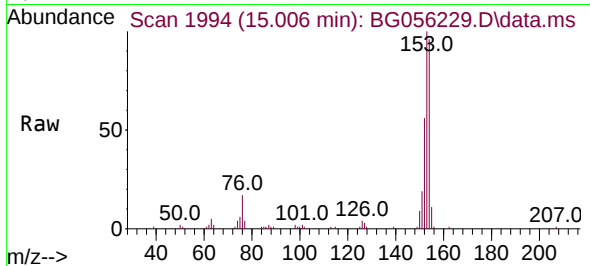
Tgt Ion:138 Resp: 8938  
Ion Ratio Lower Upper  
138 100  
108 8.2 8.3 12.5#  
92 99.5 85.2 127.8





#52  
Acenaphthene  
Concen: 4.270 ng/ul  
RT: 15.006 min Scan# 1994  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

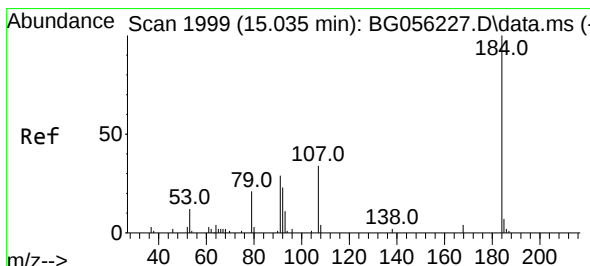
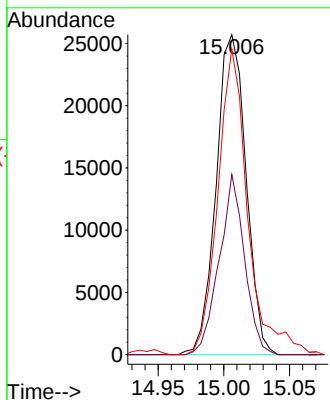
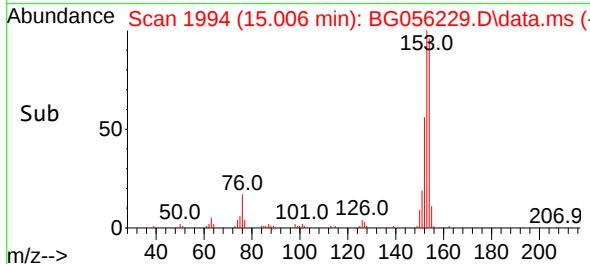
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



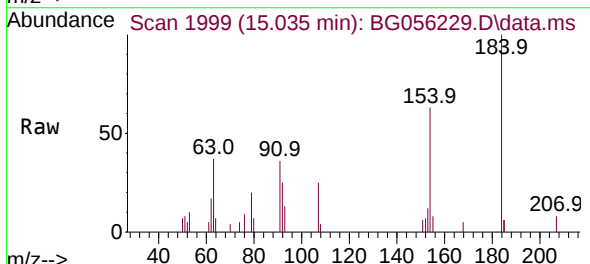
Tgt Ion:153 Resp: 40765  
Ion Ratio Lower Upper  
153 100  
152 56.3 38.0 57.0  
154 95.6 67.7 101.5

Manual Integrations  
APPROVED

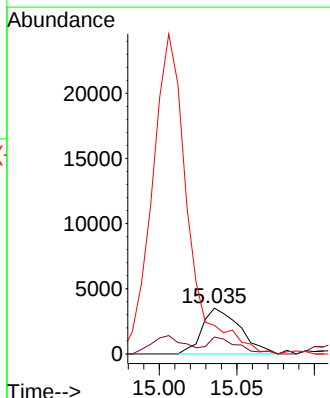
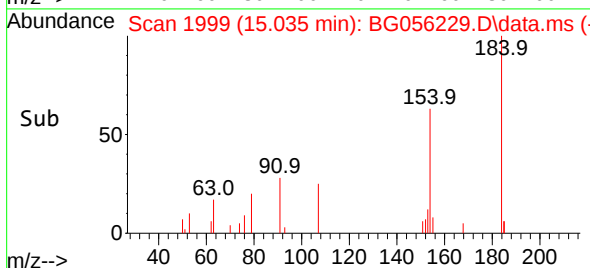
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023

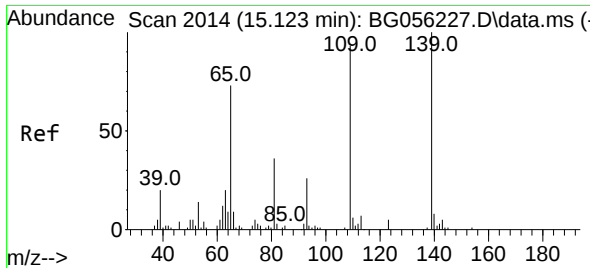


#53  
2,4-Dinitrophenol  
Concen: 3.228 ng/ul  
RT: 15.035 min Scan# 1999  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47



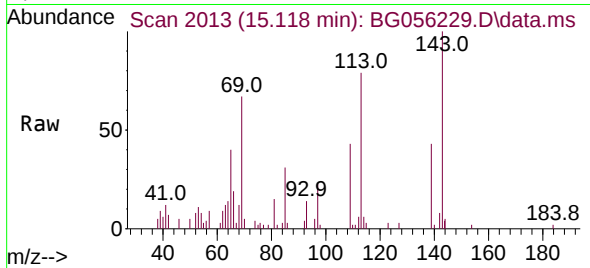
Tgt Ion:184 Resp: 5941  
Ion Ratio Lower Upper  
184 100  
63 36.9 22.4 33.6#  
154 62.6 42.2 63.4





#55  
4-Nitrophenol  
Concen: 3.345 ng/ul  
RT: 15.118 min Scan# 2013  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

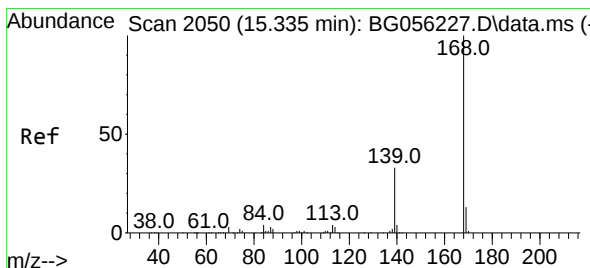
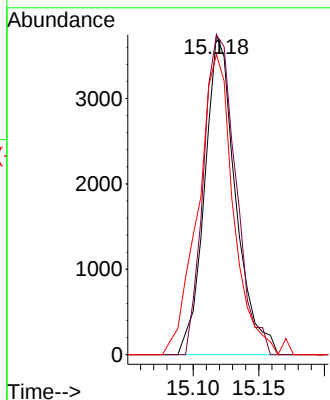
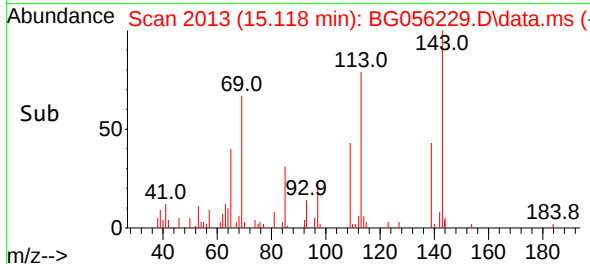
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:109 Resp: 6125  
Ion Ratio Lower Upper  
109 100  
139 99.8 86.7 130.1  
65 93.8 67.9 101.9

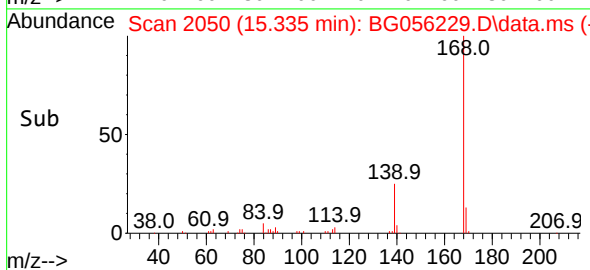
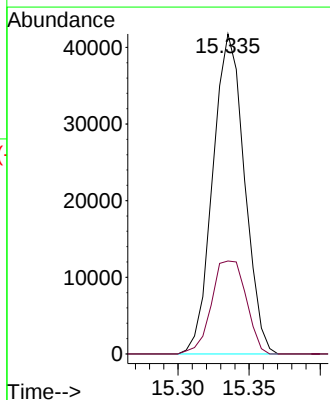
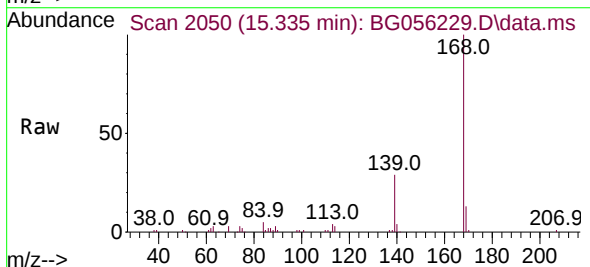
Manual Integrations  
APPROVED

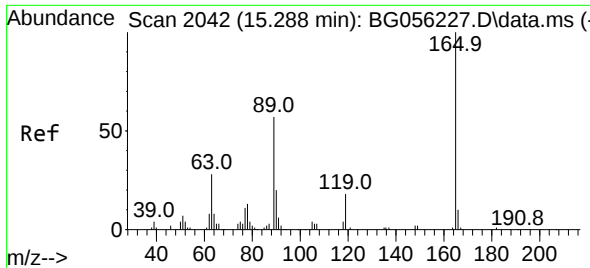
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#56  
Dibenzofuran  
Concen: 4.378 ng/ul  
RT: 15.335 min Scan# 2050  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

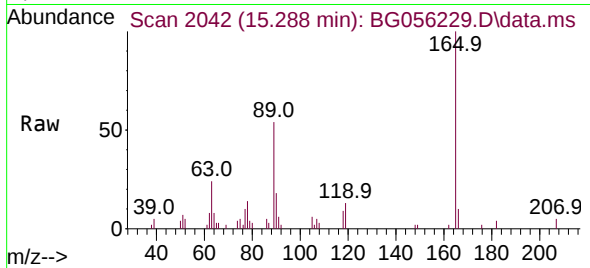
Tgt Ion:168 Resp: 64622  
Ion Ratio Lower Upper  
168 100  
139 29.0 25.0 37.4





#57  
2,4-Dinitrotoluene  
Concen: 3.888 ng/ul  
RT: 15.288 min Scan# 2042  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

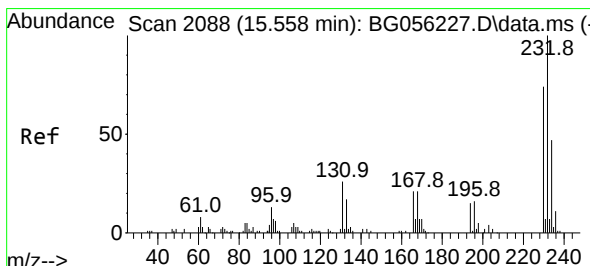
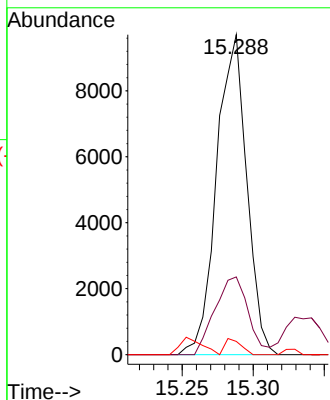
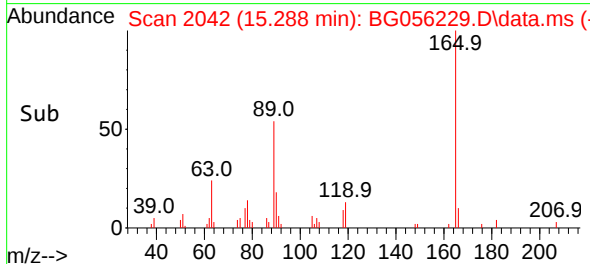
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion:165 Resp: 14258  
Ion Ratio Lower Upper  
165 100  
63 24.3 20.9 31.3  
182 4.1 2.7 4.1

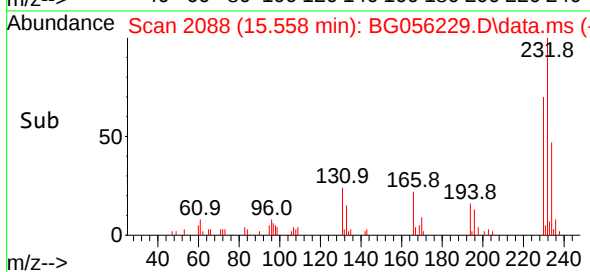
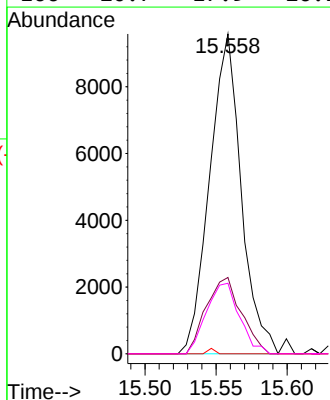
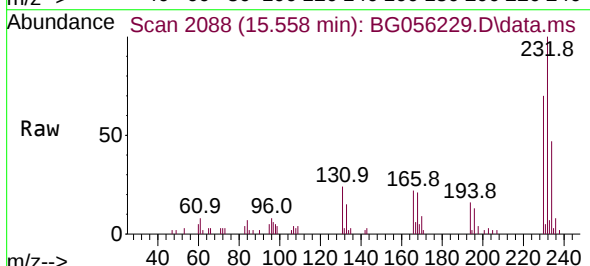
Manual Integrations  
APPROVED

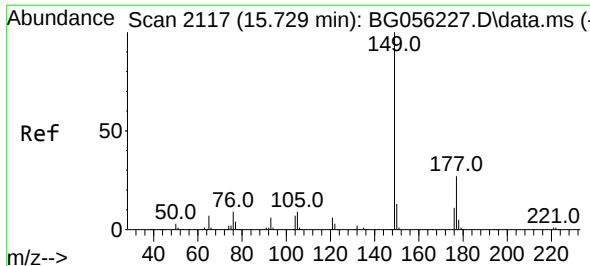
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 3.657 ng/ul  
RT: 15.558 min Scan# 2088  
Delta R.T. 0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

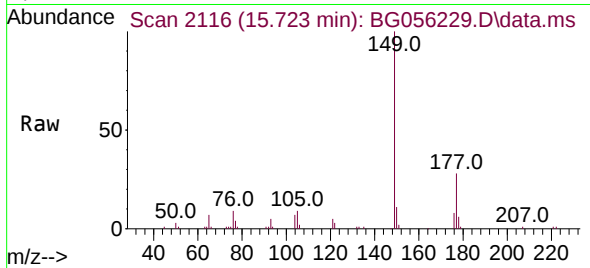
Tgt Ion:232 Resp: 14793  
Ion Ratio Lower Upper  
232 100  
131 22.4 22.9 34.3#  
130 0.0 1.7 2.5#  
166 20.7 17.9 26.9





#59  
Diethylphthalate  
Concen: 4.066 ng/ul  
RT: 15.723 min Scan# 2117  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

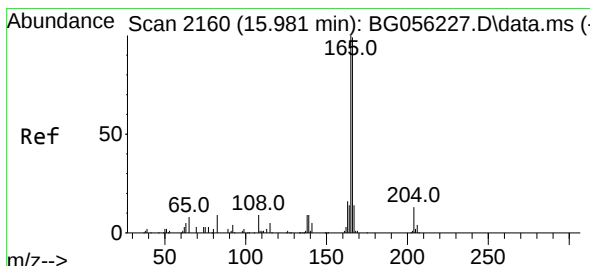
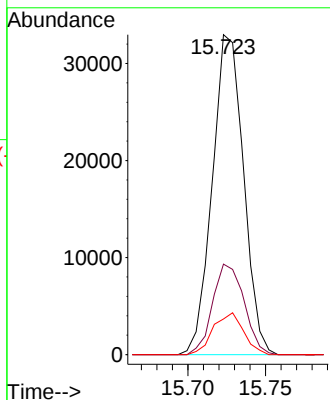
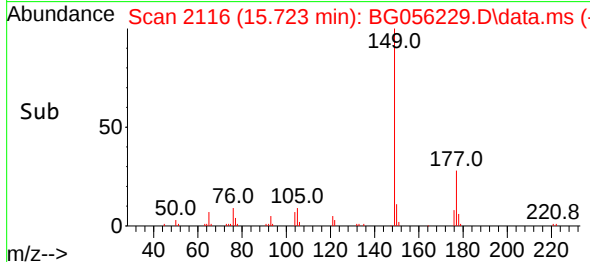
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:149 Resp: 46332  
Ion Ratio Lower Upper  
149 100  
177 28.3 20.2 30.4  
150 11.1 9.9 14.9

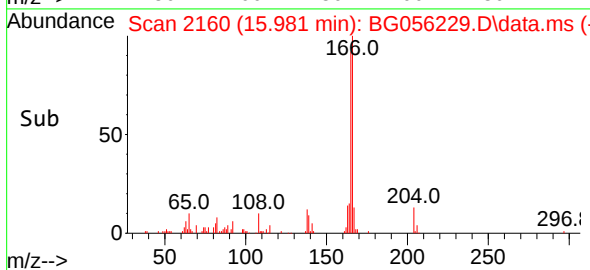
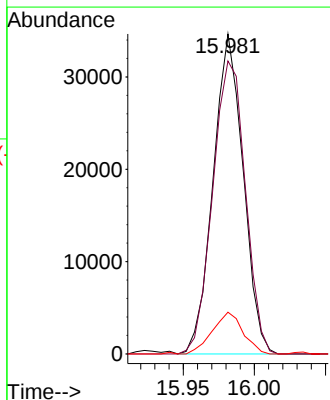
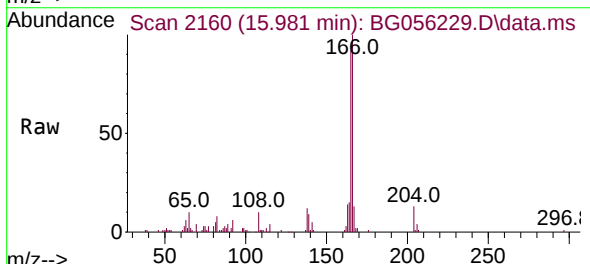
Manual Integrations  
APPROVED

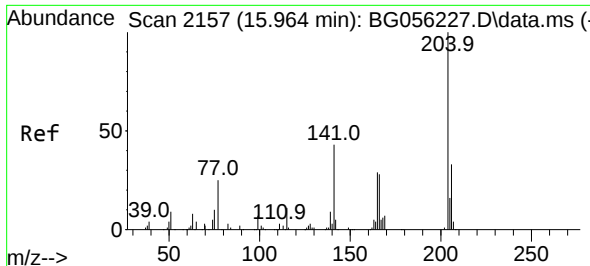
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#61  
Fluorene  
Concen: 4.290 ng/ul  
RT: 15.981 min Scan# 2160  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

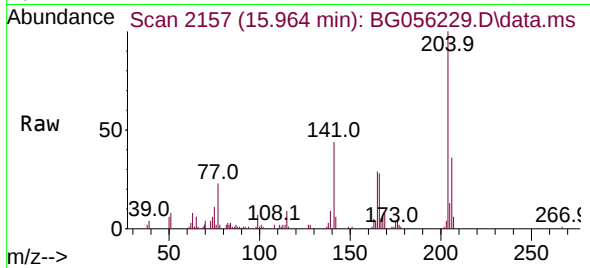
Tgt Ion:166 Resp: 50992  
Ion Ratio Lower Upper  
166 100  
165 91.5 78.5 117.7  
167 13.0 10.4 15.6





#62  
4-Chlorophenyl-phenylether  
Concen: 4.230 ng/ul  
RT: 15.964 min Scan# 2157  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

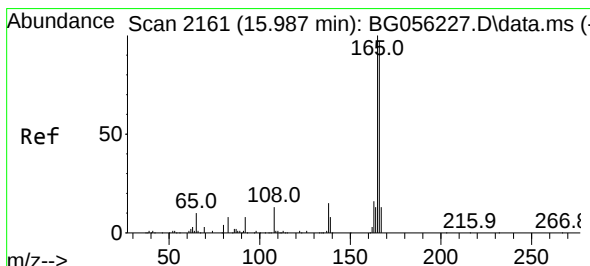
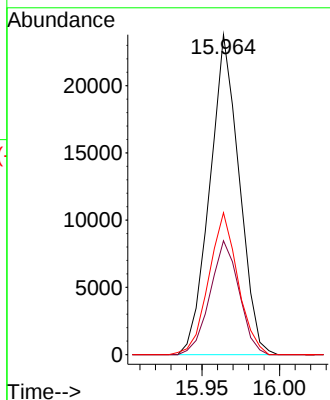
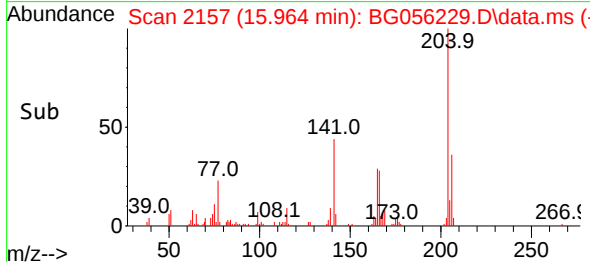
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



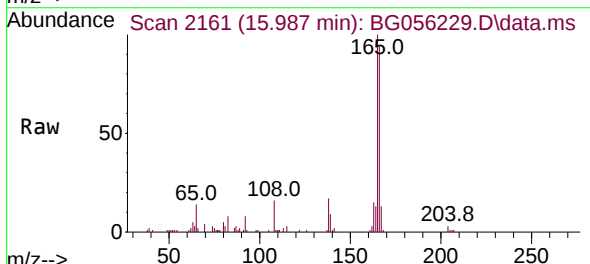
Tgt Ion:204 Resp: 3144  
Ion Ratio Lower Upper  
204 100  
206 35.6 25.0 37.4  
141 44.3 31.6 47.4

Manual Integrations  
APPROVED

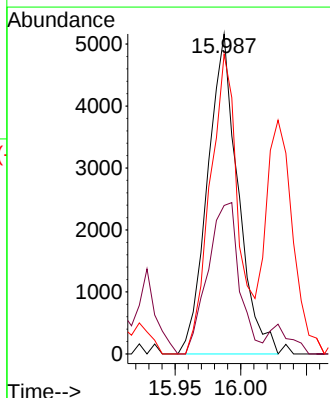
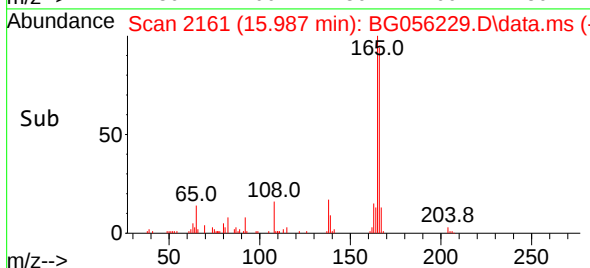
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023

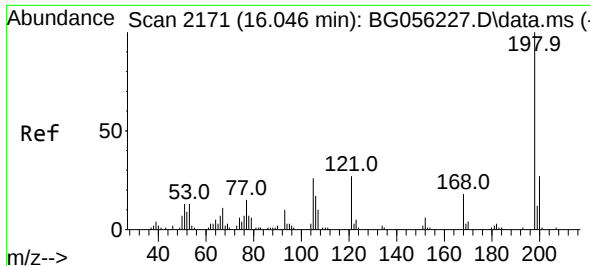


#63  
4-Nitroaniline  
Concen: 4.678 ng/ul  
RT: 15.987 min Scan# 2161  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47



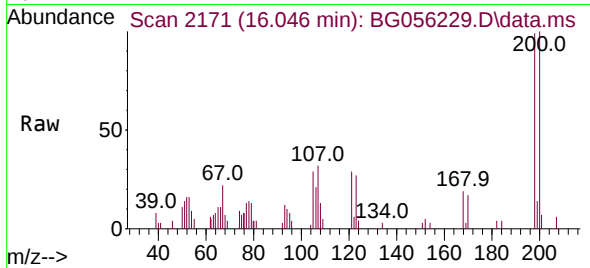
Tgt Ion:138 Resp: 8341  
Ion Ratio Lower Upper  
138 100  
92 46.4 38.8 58.2  
108 93.6 75.0 112.4





#66  
4,6-Dinitro-2-methylphenol  
Concen: 4.182 ng/ul  
RT: 16.046 min Scan# 2171  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

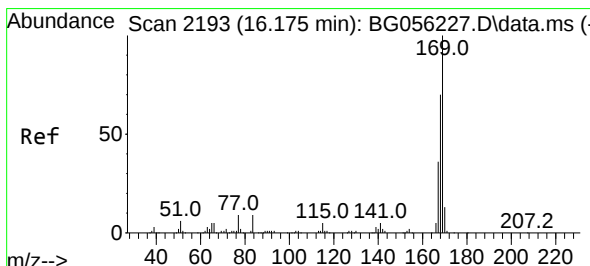
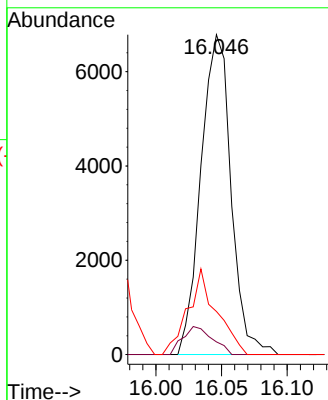
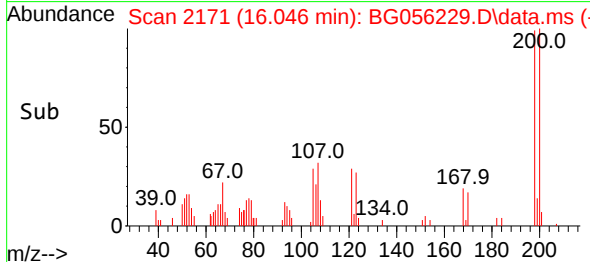
Instrument : BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:198 Resp: 10834  
Ion Ratio Lower Upper  
198 100  
182 4.0 2.2 3.4  
77 13.5 11.4 17.2

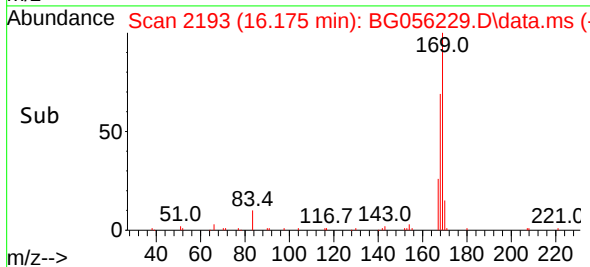
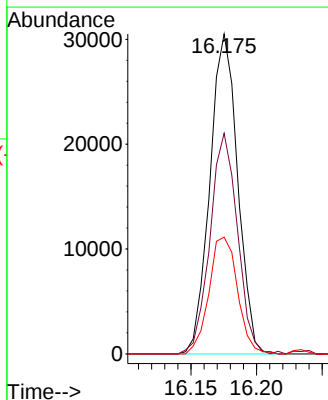
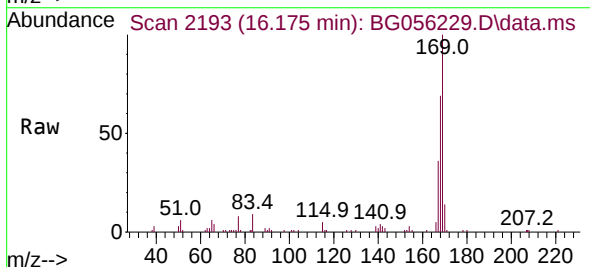
Manual Integrations  
APPROVED

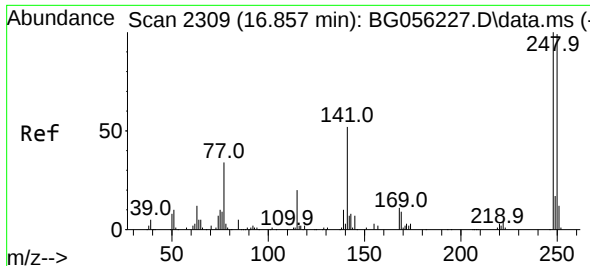
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#67  
N-Nitrosodiphenylamine  
Concen: 4.357 ng/ul  
RT: 16.175 min Scan# 2193  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

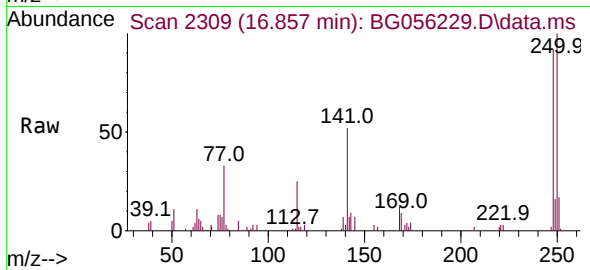
Tgt Ion:169 Resp: 44919  
Ion Ratio Lower Upper  
169 100  
168 68.9 56.1 84.1  
167 36.5 30.3 45.5





#68  
4-Bromophenyl-phenylether  
Concen: 4.115 ng/ul  
RT: 16.857 min Scan# 2309  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

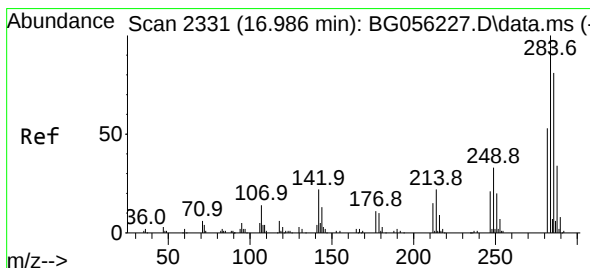
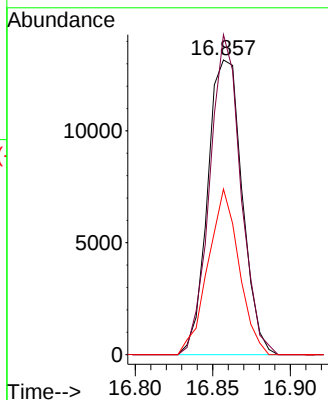
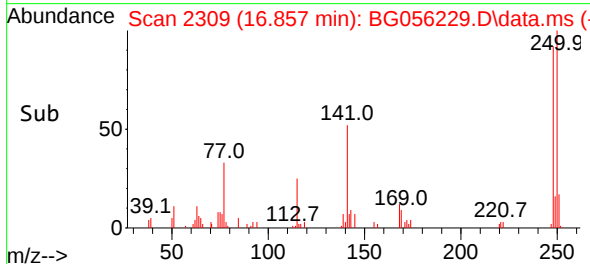
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



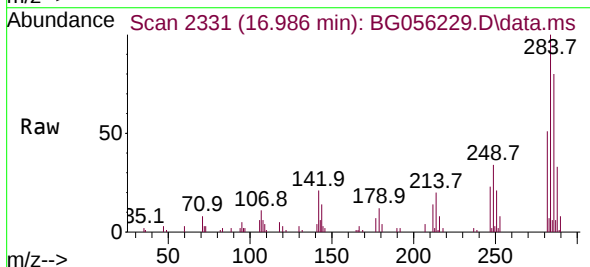
Tgt Ion:248 Resp: 20391  
Ion Ratio Lower Upper  
248 100  
250 108.6 74.8 112.2  
141 56.2 37.0 55.4

Manual Integrations  
APPROVED

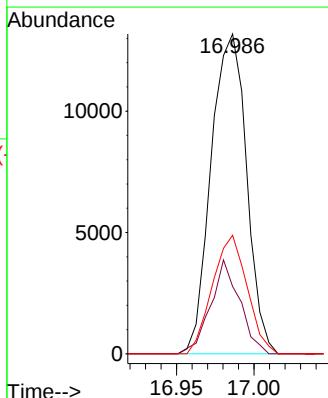
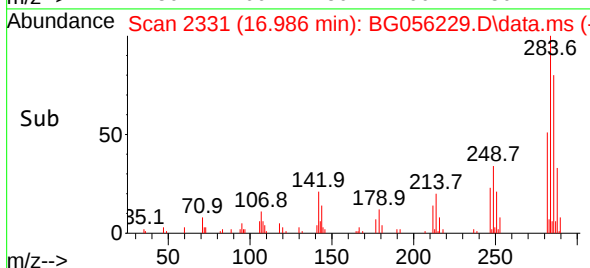
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023

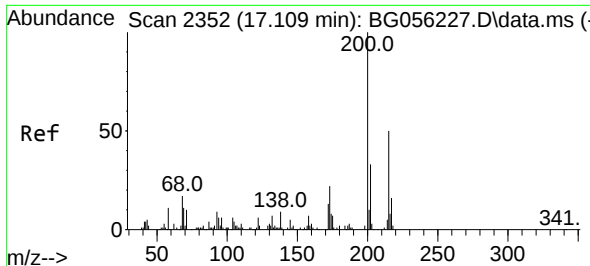


#69  
Hexachlorobenzene  
Concen: 4.274 ng/ul  
RT: 16.986 min Scan# 2331  
Delta R.T. 0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47



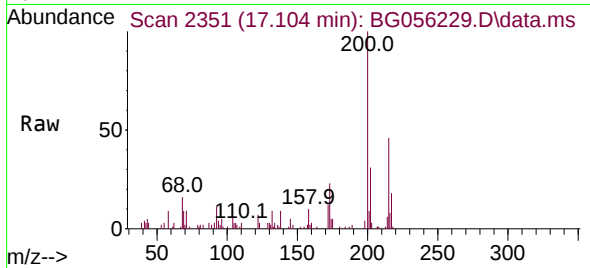
Tgt Ion:284 Resp: 20968  
Ion Ratio Lower Upper  
284 100  
142 19.8 18.9 28.3  
249 34.9 26.8 40.2





#70  
Atrazine  
Concen: 4.327 ng/ul  
RT: 17.104 min Scan# 2352  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

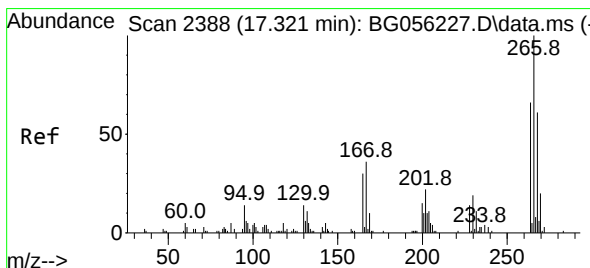
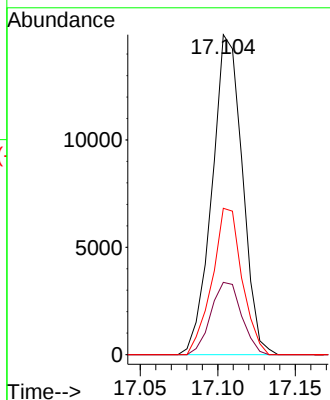
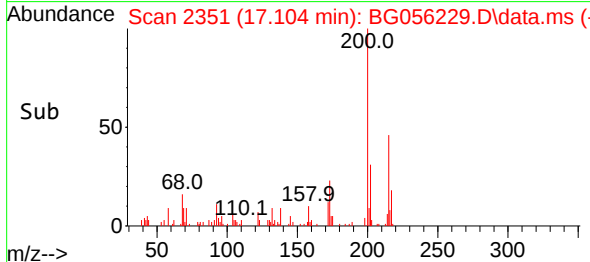
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion:200 Resp: 20332  
Ion Ratio Lower Upper  
200 100  
173 22.6 18.0 27.0  
215 45.7 40.8 61.2

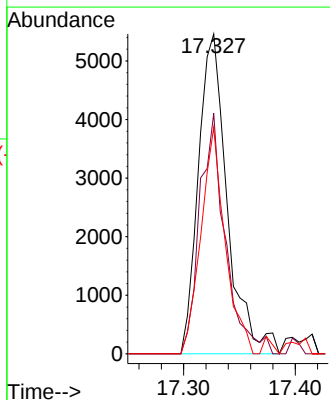
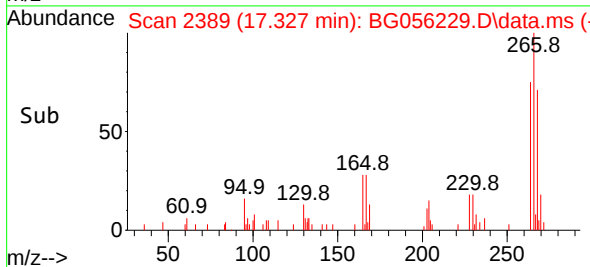
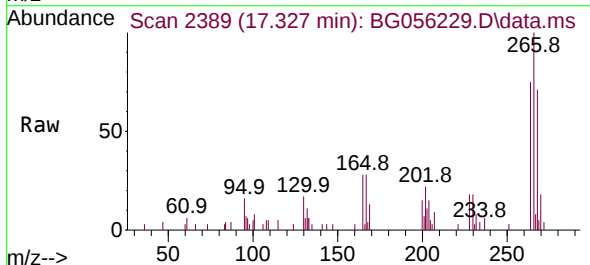
Manual Integrations  
APPROVED

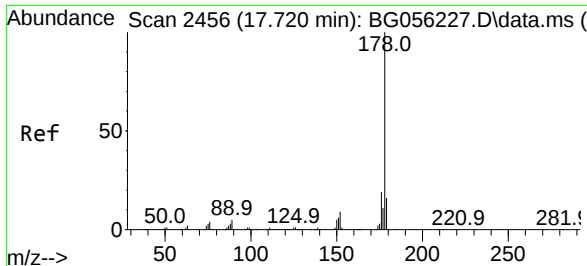
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#71  
Pentachlorophenol  
Concen: 3.138 ng/ul m  
RT: 17.327 min Scan# 2389  
Delta R.T. 0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

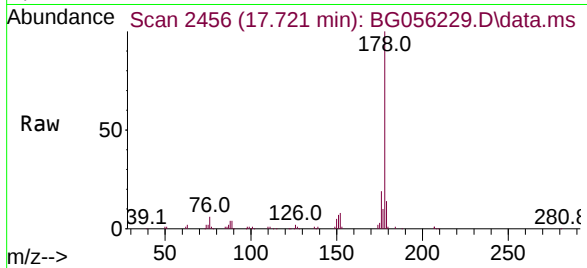
Tgt Ion:266 Resp: 9821  
Ion Ratio Lower Upper  
266 100  
264 75.2 47.7 71.5#  
268 70.7 54.3 81.5





#72  
Phenanthrene  
Concen: 4.363 ng/ul  
RT: 17.721 min Scan# 2456  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

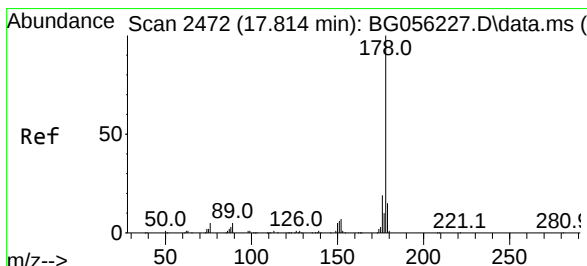
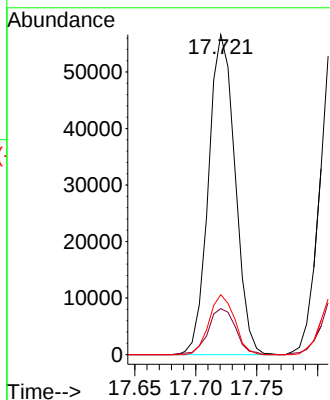
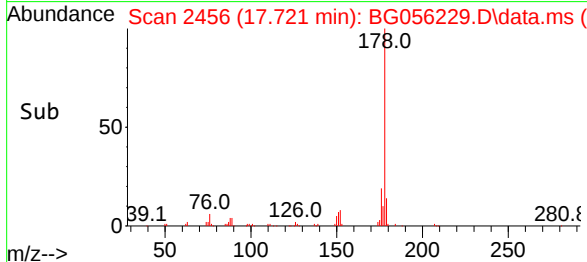
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



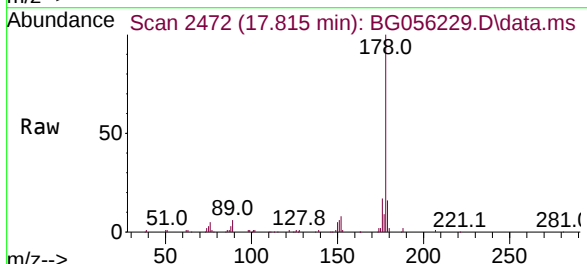
Tgt Ion:178 Resp: 85932  
Ion Ratio Lower Upper  
178 100  
179 14.4 12.4 18.6  
176 18.7 15.0 22.6

Manual Integrations  
APPROVED

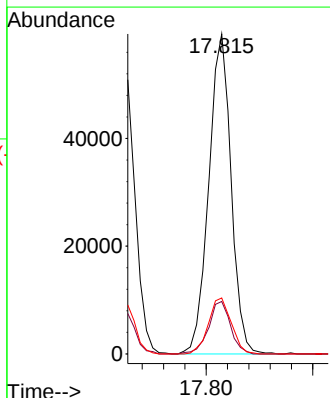
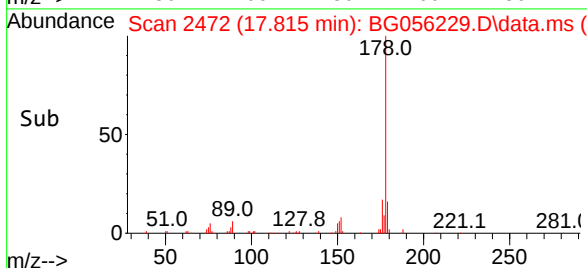
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023

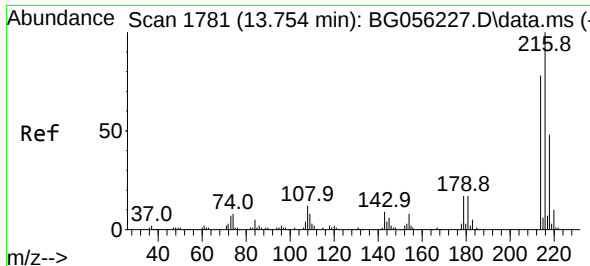


#74  
Anthracene  
Concen: 4.320 ng/ul  
RT: 17.815 min Scan# 2472  
Delta R.T. 0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47



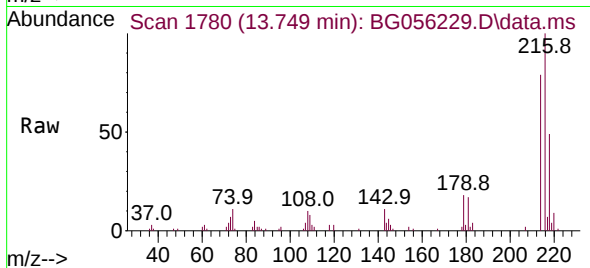
Tgt Ion:178 Resp: 86382  
Ion Ratio Lower Upper  
178 100  
179 16.4 13.0 19.6  
176 17.5 14.2 21.4





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 4.328 ng/uL  
RT: 13.749 min Scan# 1781  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

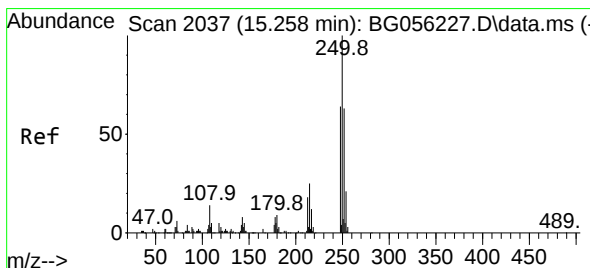
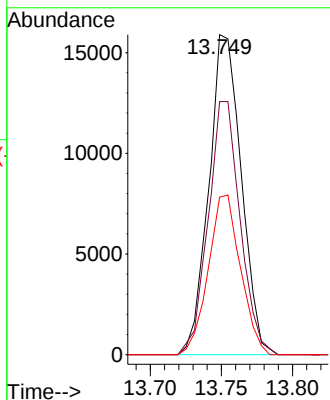
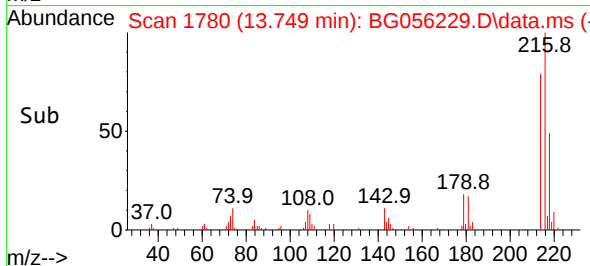
Instrument : BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



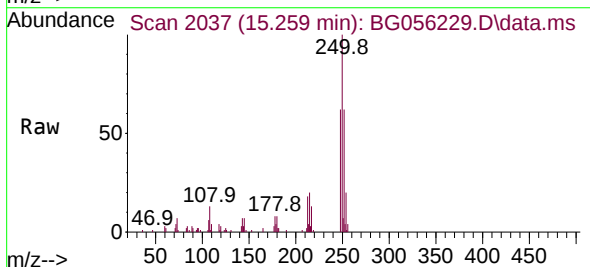
Tgt Ion:216 Resp: 25201  
Ion Ratio Lower Upper  
216 100  
214 79.1 62.4 93.6  
218 49.2 39.4 59.0

Manual Integrations  
APPROVED

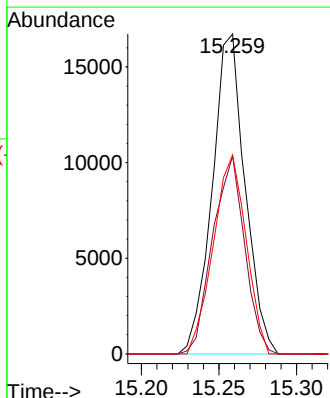
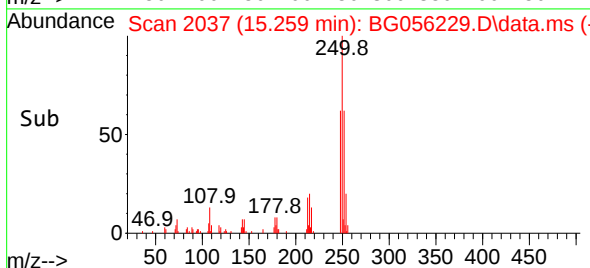
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023

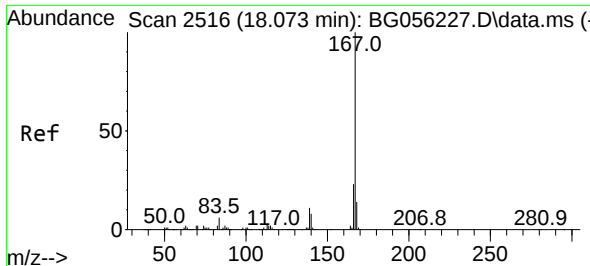


#76  
Pentachlorobenzene  
Concen: 4.137 ng/uL  
RT: 15.259 min Scan# 2037  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47



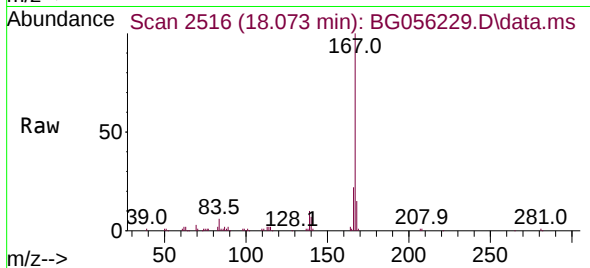
Tgt Ion:250 Resp: 24643  
Ion Ratio Lower Upper  
250 100  
248 61.8 51.6 77.4  
252 62.1 55.2 82.8





#77  
 Carbazole  
 Concen: 4.284 ng/ul  
 RT: 18.073 min Scan# 2516  
 Delta R.T. -0.003 min  
 Lab File: BG056229.D  
 Acq: 9 Jan 2023 10:47

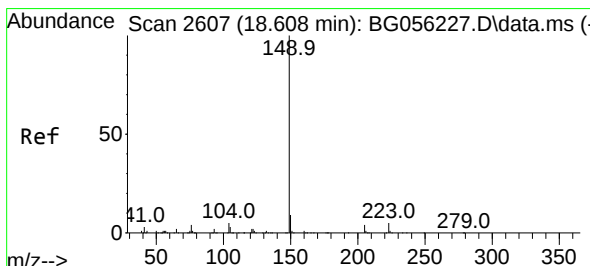
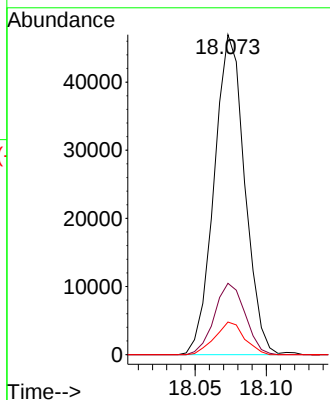
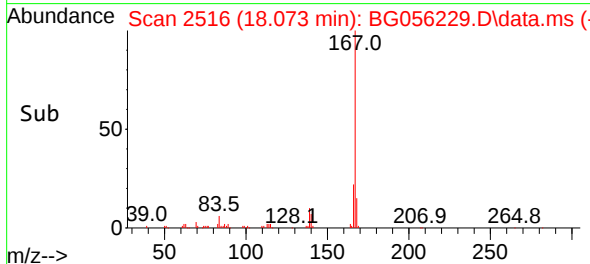
Instrument : BNA\_G  
 ClientSampleId :  
 MDL-WATER-QT3-2022-05



Tgt Ion:167 Resp: 70325  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.4 26.0  
 139 10.2 8.6 12.8

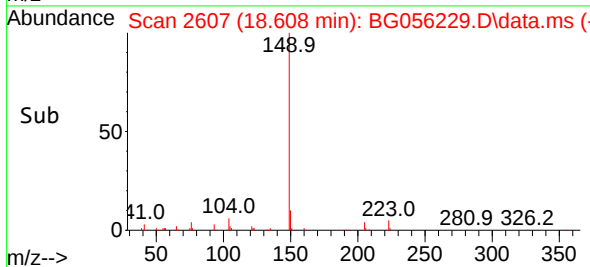
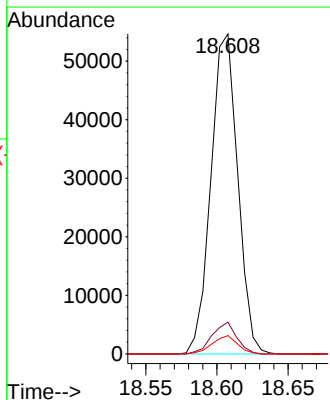
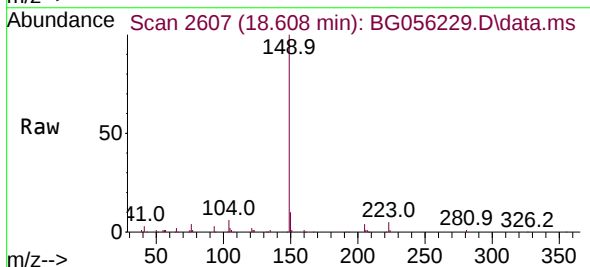
Manual Integrations  
 APPROVED

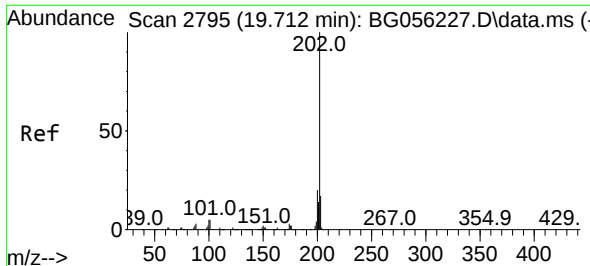
Reviewed By :Jagrut Upadhyay 01/10/2023  
 Supervised By :mohammad ahmed 01/12/2023



#78  
 Di-n-butylphthalate  
 Concen: 4.148 ng/ul  
 RT: 18.608 min Scan# 2607  
 Delta R.T. 0.003 min  
 Lab File: BG056229.D  
 Acq: 9 Jan 2023 10:47

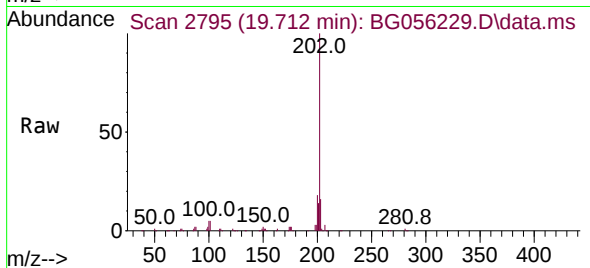
Tgt Ion:149 Resp: 71847  
 Ion Ratio Lower Upper  
 149 100  
 150 9.9 7.1 10.7  
 104 5.7 4.2 6.4





#80  
Fluoranthene  
Concen: 4.203 ng/ul  
RT: 19.712 min Scan# 2795  
Delta R.T. 0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

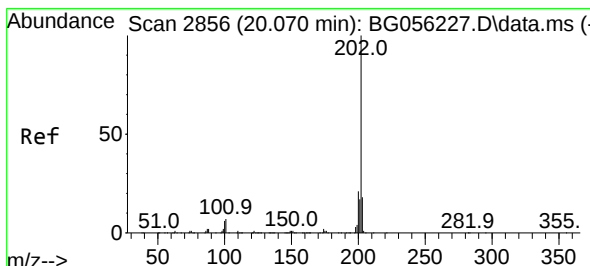
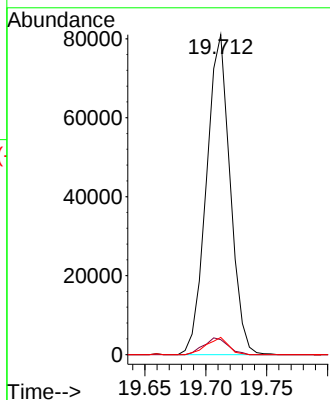
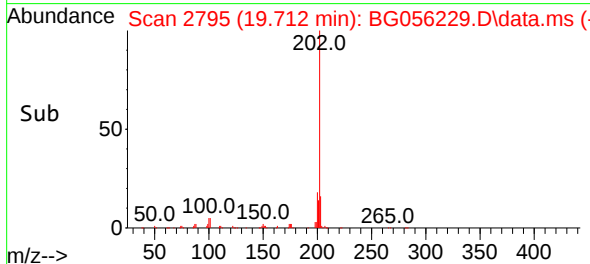
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:202 Resp: 109524  
Ion Ratio Lower Upper  
202 100  
101 4.7 4.4 6.6  
100 5.4 3.8 5.6

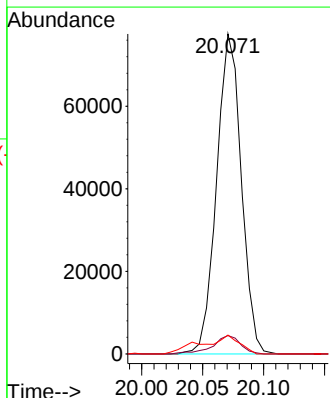
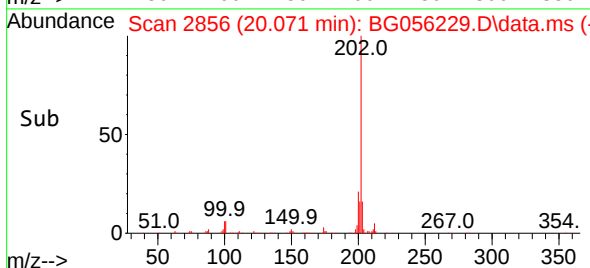
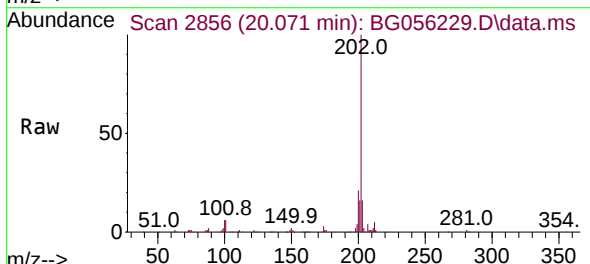
Manual Integrations  
APPROVED

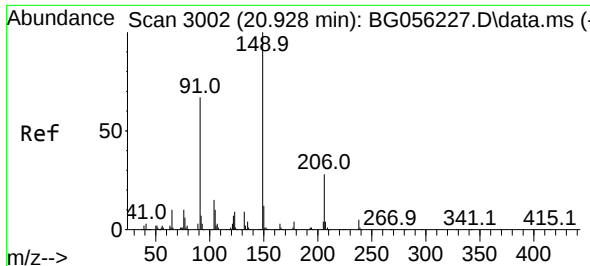
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#82  
Pyrene  
Concen: 4.192 ng/ul  
RT: 20.071 min Scan# 2856  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

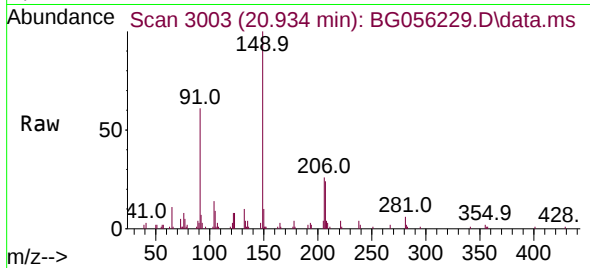
Tgt Ion:202 Resp: 109230  
Ion Ratio Lower Upper  
202 100  
101 5.7 5.2 7.8  
100 5.9 4.2 6.2





#83  
Butylbenzylphthalate  
Concen: 3.952 ng/ul  
RT: 20.934 min Scan# 3003  
Delta R.T. 0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

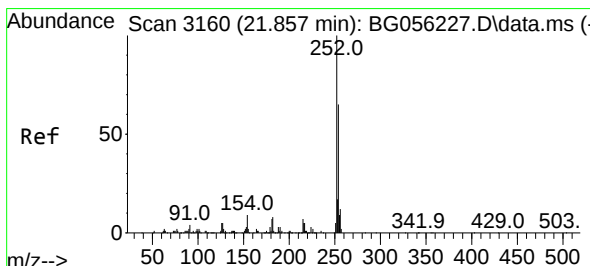
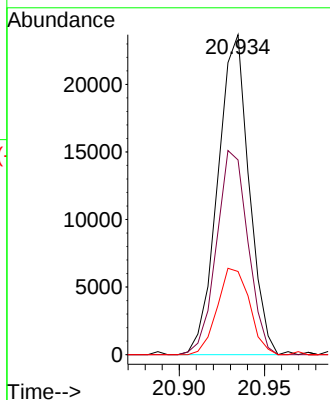
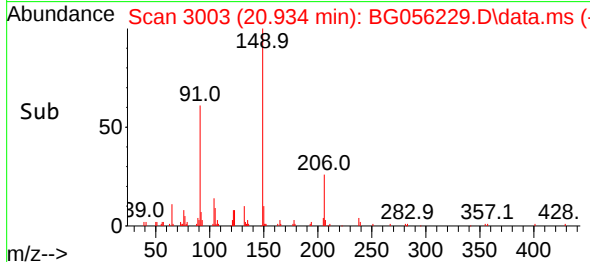
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:149 Resp: 30206  
Ion Ratio Lower Upper  
149 100  
91 60.8 50.0 75.0  
206 26.0 23.2 34.8

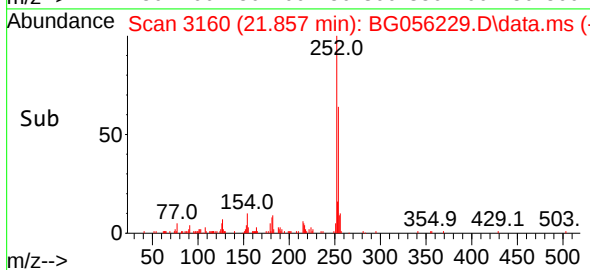
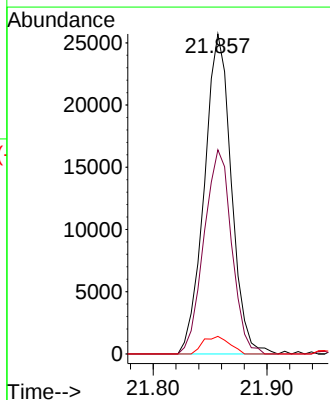
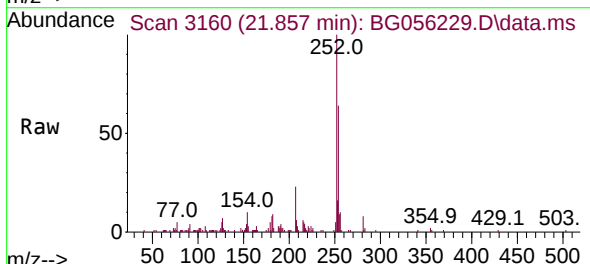
Manual Integrations  
APPROVED

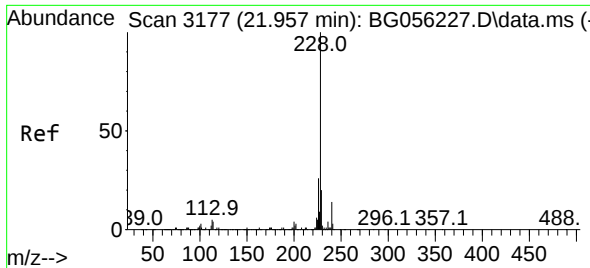
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#84  
3,3'-Dichlorobenzidine  
Concen: 4.764 ng/ul  
RT: 21.857 min Scan# 3160  
Delta R.T. 0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

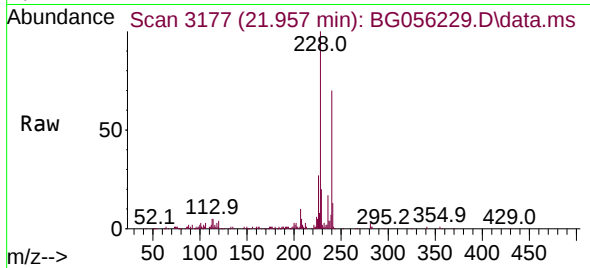
Tgt Ion:252 Resp: 42423  
Ion Ratio Lower Upper  
252 100  
254 63.8 51.1 76.7  
126 5.5 3.8 5.6





#85  
Benzo(a)anthracene  
Concen: 4.271 ng/ul  
RT: 21.957 min Scan# 3177  
Delta R.T. 0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

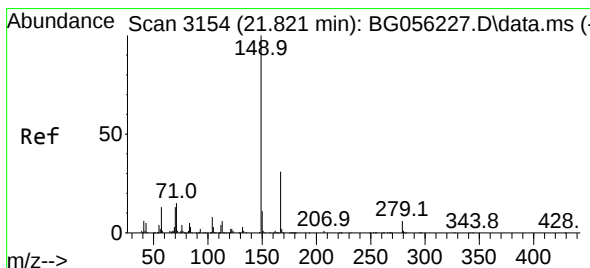
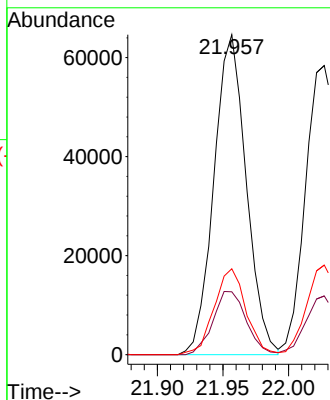
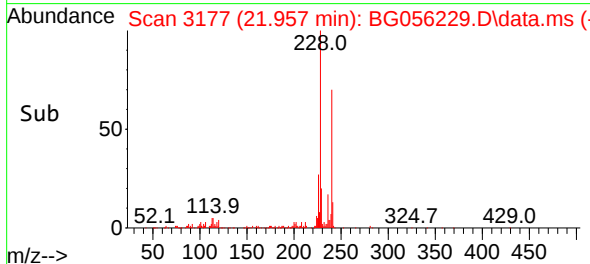
Instrument : BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:228 Resp: 110902  
Ion Ratio Lower Upper  
228 100  
229 19.6 15.9 23.9  
226 26.8 22.2 33.2

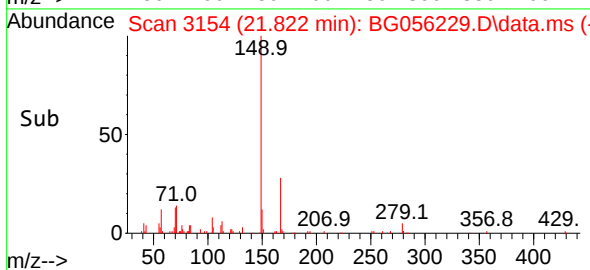
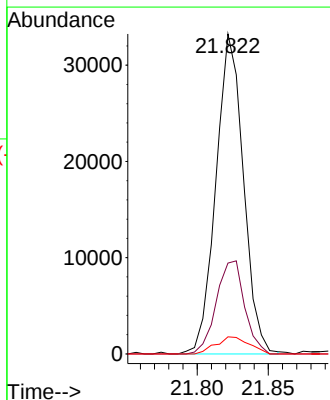
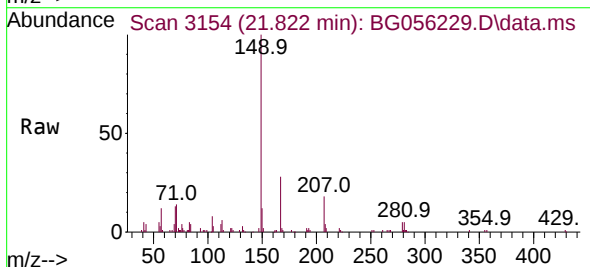
Manual Integrations  
APPROVED

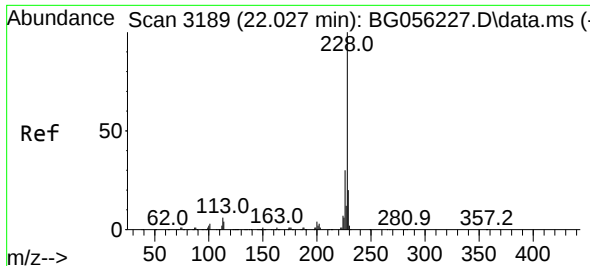
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 4.043 ng/ul  
RT: 21.822 min Scan# 3154  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

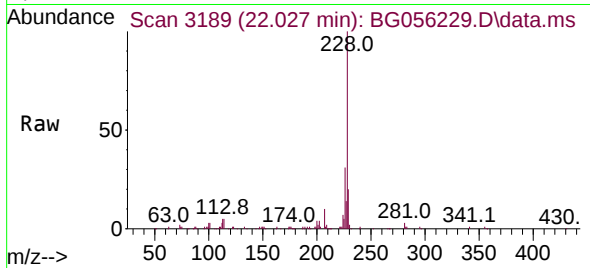
Tgt Ion:149 Resp: 44678  
Ion Ratio Lower Upper  
149 100  
167 28.4 23.7 35.5  
279 5.3 4.9 7.3





#87  
Chrysene  
Concen: 4.282 ng/ul  
RT: 22.027 min Scan# 3189  
Delta R.T. 0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

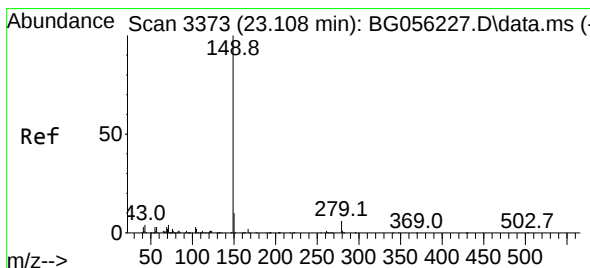
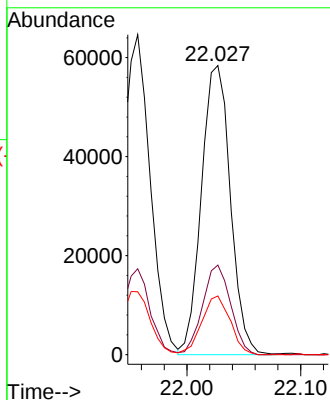
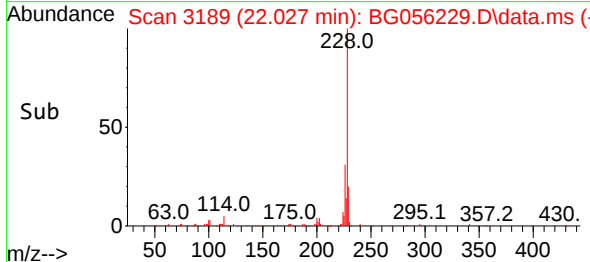
Instrument :  
BNA\_G  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:228 Resp: 103402  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.5 36.7  
229 20.3 15.8 23.8

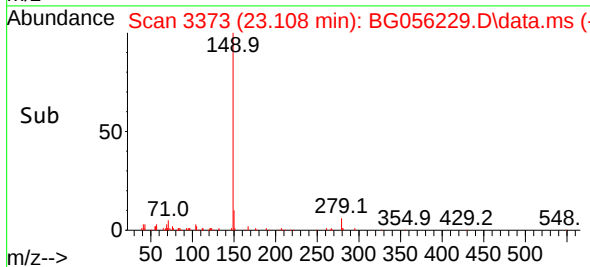
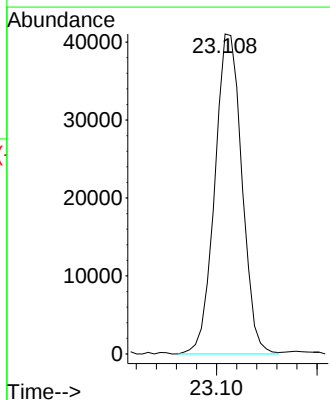
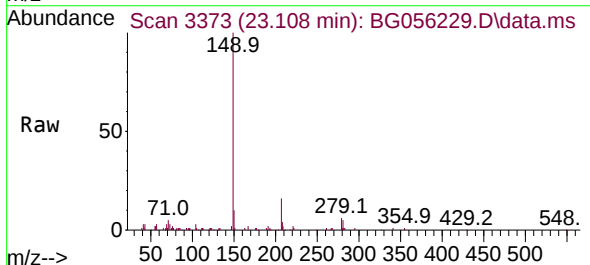
Manual Integrations  
APPROVED

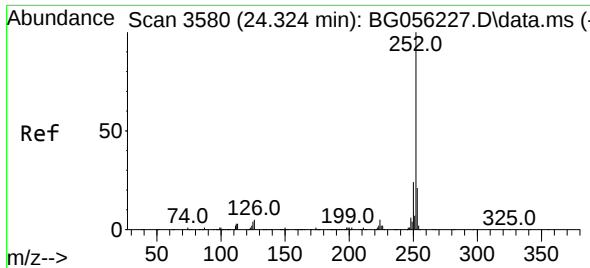
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#89  
Di-n-octyl phthalate  
Concen: 4.232 ng/ul  
RT: 23.108 min Scan# 3373  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

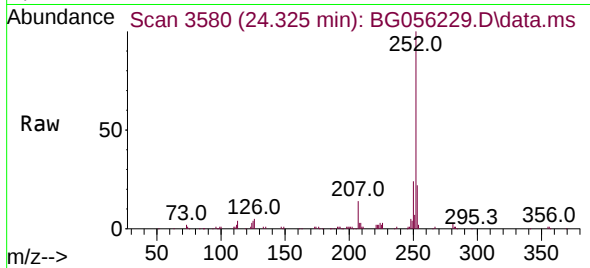
Tgt Ion:149 Resp: 77042





#90  
Benzo(b)fluoranthene  
Concen: 4.417 ng/ul  
RT: 24.325 min Scan# 3580  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

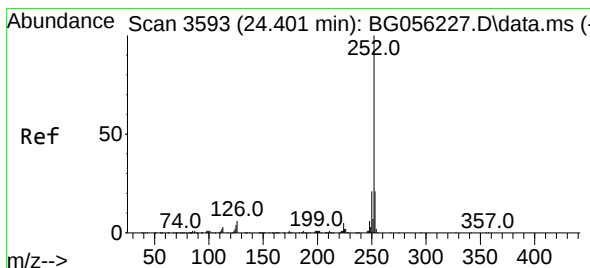
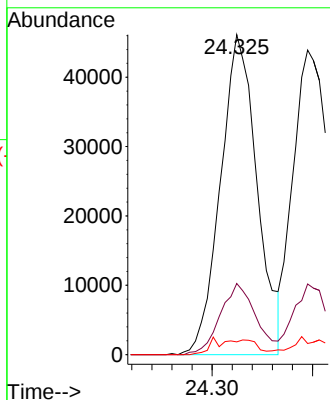
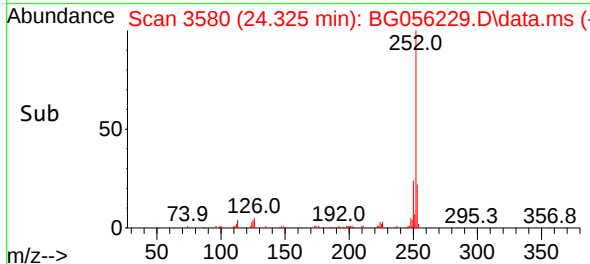
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion:252 Resp: 116935  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.2  
125 4.0 3.0 4.4

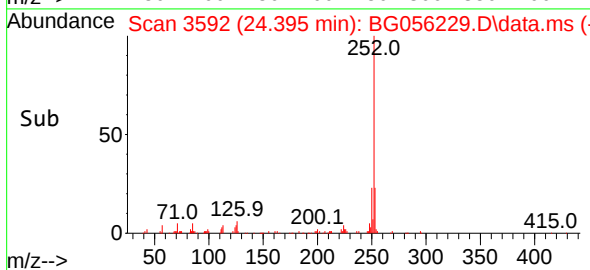
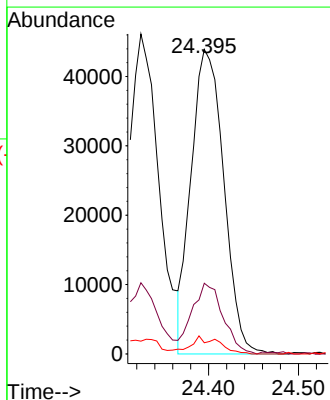
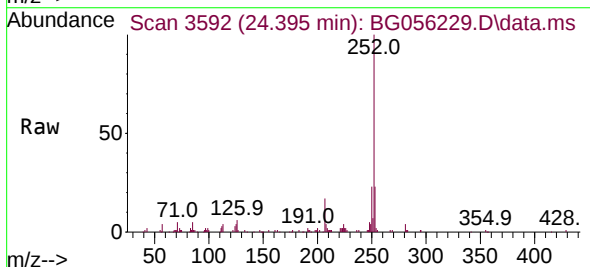
Manual Integrations  
APPROVED

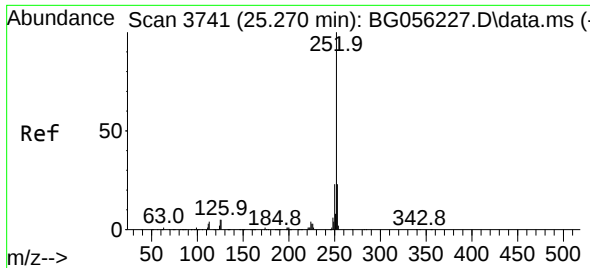
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#91  
Benzo(k)fluoranthene  
Concen: 4.282 ng/ul  
RT: 24.395 min Scan# 3592  
Delta R.T. -0.008 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

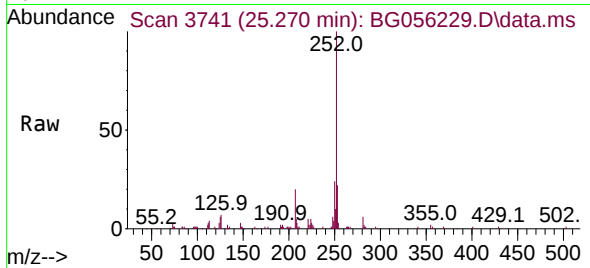
Tgt Ion:252 Resp: 110917  
Ion Ratio Lower Upper  
252 100  
253 23.2 18.0 27.0  
125 3.7 3.1 4.7





#93  
Benzo(a)pyrene  
Concen: 4.430 ng/ul  
RT: 25.270 min Scan# 3741  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47

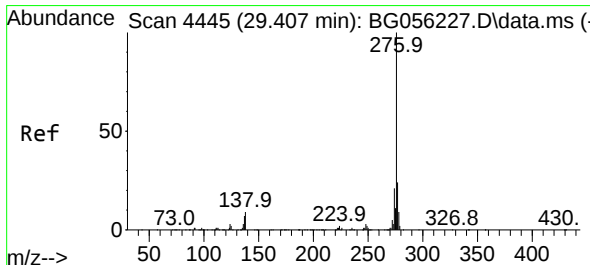
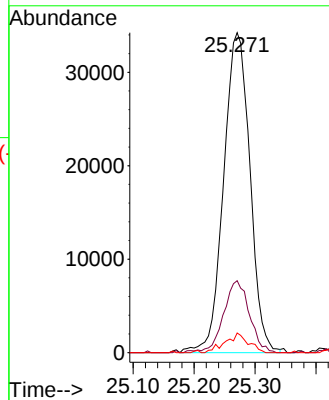
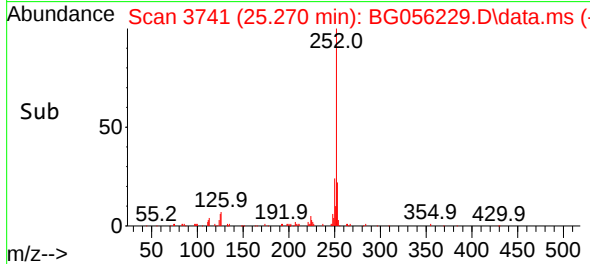
Instrument : BNA\_G  
ClientSampleId : MDL-WATER-QT3-2022-05



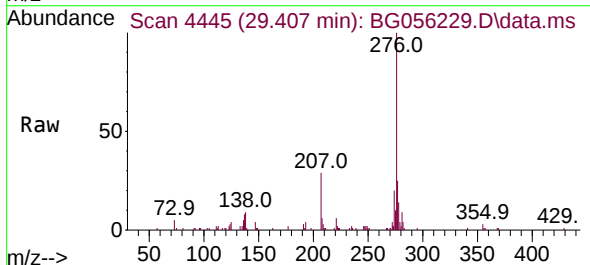
Tgt Ion:252 Resp: 102668  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.3 25.9  
125 6.1 3.2 4.8

Manual Integrations  
APPROVED

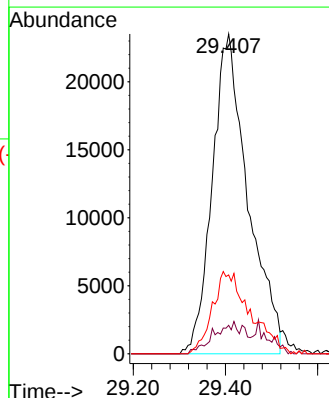
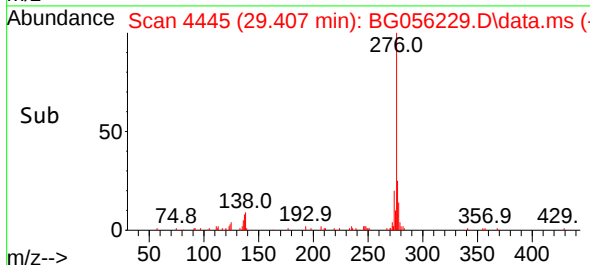
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023

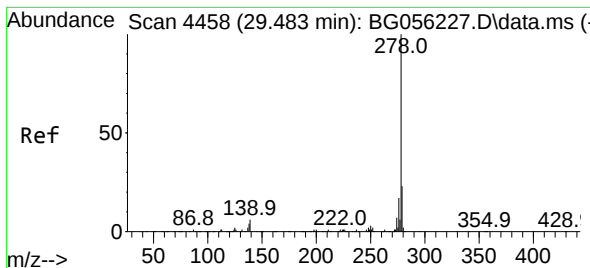


#94  
Indeno(1,2,3-cd)pyrene  
Concen: 4.145 ng/ul  
RT: 29.407 min Scan# 4445  
Delta R.T. -0.003 min  
Lab File: BG056229.D  
Acq: 9 Jan 2023 10:47



Tgt Ion:276 Resp: 126380  
Ion Ratio Lower Upper  
276 100  
138 8.9 6.2 9.2  
277 24.7 19.8 29.6





#95

Dibenzo(a,h)anthracene

Concen: 4.311 ng/ul

RT: 29.477 min Scan# 4457

Delta R.T. 0.003 min

Lab File: BG056229.D

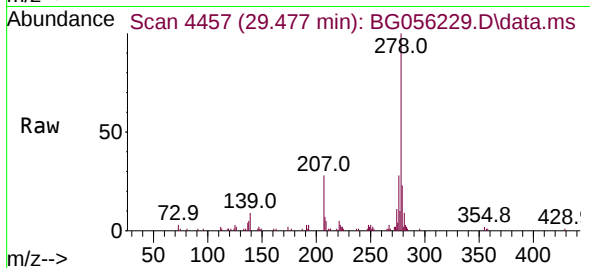
Acq: 9 Jan 2023 10:47

Instrument :

BNA\_G

ClientSampleId :

MDL-WATER-QT3-2022-05



Tgt Ion:278 Resp: 109840

Ion Ratio Lower Upper

278 100

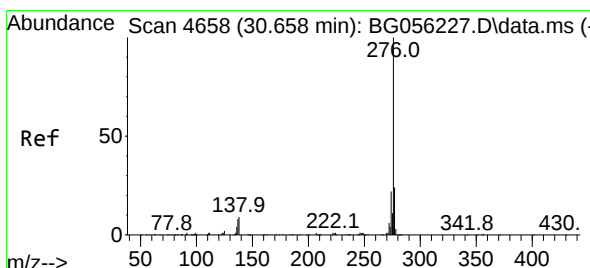
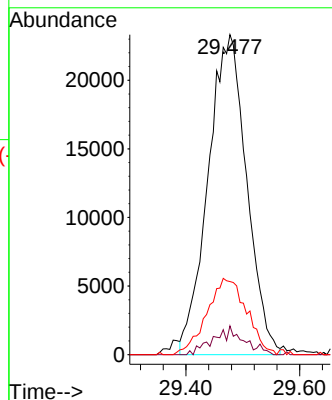
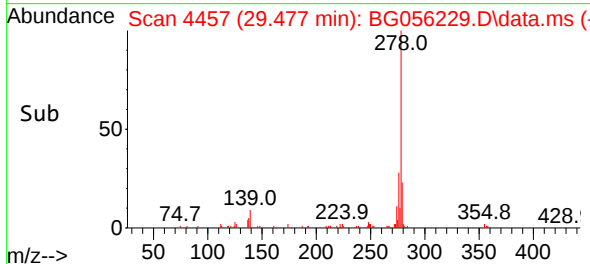
139 9.0 5.0 7.4

279 22.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :mohammad ahmed 01/12/2023



#96

Benzo(g,h,i)perylene

Concen: 4.365 ng/ul

RT: 30.658 min Scan# 4658

Delta R.T. -0.008 min

Lab File: BG056229.D

Acq: 9 Jan 2023 10:47

Tgt Ion:276 Resp: 107579

Ion Ratio Lower Upper

276 100

138 8.2 5.8 8.8

277 22.7 19.1 28.7

