

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG013123\  
 Data File : BG056489.D  
 Acq On : 31 Jan 2023 17:34  
 Operator : CG/JU  
 Sample : N4955-07  
 Misc : LOD-MDL-WATER 4ppm  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Feb 01 01:24:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 01 01:15:52 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
 Supervised By :Jagrut Upadhyay 02/01/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.276  | 152  | 38591    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.108 | 136  | 141289   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.898 | 164  | 114940   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.636 | 188  | 291460   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.925 | 240  | 279690   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.344 | 264  | 296853   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.797  | 112  | 222489   | 106.057 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.418  | 99   | 316447   | 101.808 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.451  | 82   | 180161   | 72.408  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.378 | 330  | 171437   | 112.193 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.523 | 172  | 625934   | 75.501  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.209 | 244  | 1167086  | 73.289  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.599  | 88   | 3032     | 3.471   | ng    | 96       |
| 3) Pyridine                   | 4.034  | 79   | 7953     | 3.054   | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.928  | 42   | 1888     | 3.410   | ng    | # 80     |
| 6) Aniline                    | 7.589  | 93   | 13344    | 3.279   | ng    | 97       |
| 8) 2-Chlorophenol             | 7.841  | 128  | 9901     | 4.296   | ng    | 99       |
| 9) Benzaldehyde               | 7.407  | 77   | 7455     | 3.721   | ng    | 89       |
| 10) Phenol                    | 7.442  | 94   | 12298    | 3.893   | ng    | 87       |
| 11) bis(2-Chloroethyl)ether   | 7.683  | 93   | 7928     | 3.651   | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 8.170  | 146  | 9724     | 3.665   | ng    | 92       |
| 13) 1,4-Dichlorobenzene       | 8.317  | 146  | 10854    | 4.039   | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.640  | 146  | 9844     | 3.776   | ng    | 98       |
| 15) Benzyl Alcohol            | 8.511  | 79   | 6615     | 3.102   | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.799  | 45   | 1474     | 3.204   | ng    | 85       |
| 17) 2-Methylphenol            | 8.717  | 107  | 7480     | 3.112   | ng    | 96       |
| 18) Hexachloroethane          | 9.369  | 117  | 3339     | 4.108   | ng    | # 89     |
| 19) n-Nitroso-di-n-propyla... | 9.075  | 70   | 6469     | 3.611   | ng    | 95       |
| 20) 3+4-Methylphenols         | 9.046  | 107  | 10118    | 3.004   | ng    | 93       |
| 22) Acetophenone              | 9.105  | 105  | 13867    | 3.694   | ng    | # 91     |
| 24) Nitrobenzene              | 9.498  | 77   | 9358m    | 3.899   | ng    |          |
| 25) Isophorone                | 10.009 | 82   | 18334    | 3.572   | ng    | 98       |
| 26) 2-Nitrophenol             | 10.215 | 139  | 5469     | 3.756   | ng    | # 92     |
| 27) 2,4-Dimethylphenol        | 10.256 | 122  | 7873     | 3.231   | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.491 | 93   | 10641    | 3.753   | ng    | 92       |
| 29) 2,4-Dichlorophenol        | 10.756 | 162  | 10071    | 3.671   | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.961 | 180  | 11907    | 3.906   | ng    | 98       |
| 31) Naphthalene               | 11.161 | 128  | 29104    | 3.903   | ng    | 98       |
| 33) 4-Chloroaniline           | 11.267 | 127  | 12112    | 3.479   | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.437 | 225  | 8868     | 4.144   | ng    | 97       |
| 35) Caprolactam               | 12.001 | 113  | 2948     | 3.187   | ng    | 88       |
| 36) 4-Chloro-3-methylphenol   | 12.366 | 107  | 10152    | 3.832   | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.742 | 142  | 22031    | 3.583   | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.965 | 142  | 21298    | 3.709   | ng    | # 98     |
| 40) 1,2,4,5-Tetrachloroben... | 13.106 | 216  | 15905    | 3.788   | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 13.076 | 237  | 3424     | 7.787   | ng    | 93       |
| 43) 2,4,6-Trichlorophenol     | 13.341 | 196  | 9476     | 3.502   | ng    | 97       |
| 44) 2,4,5-Trichlorophenol     | 13.423 | 196  | 9997     | 3.155   | ng    | # 92     |

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 Sample : N4955-07  
 Misc : LOD-MDL-WATER 4ppm  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Feb 01 01:24:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 01 01:15:52 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023  
 Supervised By : Jagrut Upadhyay 02/01/2023

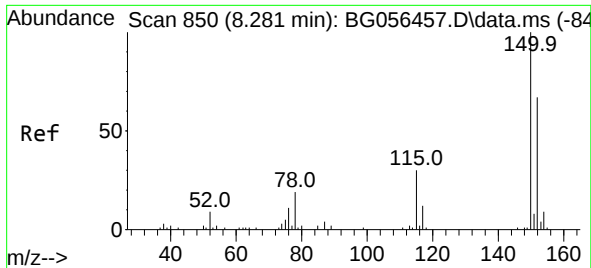
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.729 | 154  | 32775    | 3.931 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.782 | 162  | 25082    | 3.849 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.981 | 65   | 4466     | 3.315 | ng    | 93       |
| 49) Acenaphthylene            | 14.622 | 152  | 40577    | 3.827 | ng    | 98       |
| 50) Dimethylphthalate         | 14.328 | 163  | 33831    | 3.638 | ng    | # 98     |
| 51) 2,6-Dinitrotoluene        | 14.463 | 165  | 7225     | 3.563 | ng    | 95       |
| 52) Acenaphthene              | 14.963 | 154  | 24892    | 3.959 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.798 | 138  | 6675     | 3.395 | ng    | 91       |
| 55) Dibenzofuran              | 15.292 | 168  | 42566    | 3.775 | ng    | 99       |
| 56) 4-Nitrophenol             | 15.109 | 139  | 4939     | 3.677 | ng    | # 82     |
| 57) 2,4-Dinitrotoluene        | 15.250 | 165  | 10959    | 3.837 | ng    | # 99     |
| 58) Fluorene                  | 15.938 | 166  | 34102    | 3.801 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.521 | 232  | 9420     | 3.344 | ng    | # 97     |
| 60) Diethylphthalate          | 15.679 | 149  | 32668    | 3.741 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.914 | 204  | 20887    | 3.815 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.944 | 138  | 6965     | 3.541 | ng    | 86       |
| 63) Azobenzene                | 16.208 | 77   | 21830    | 3.633 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 16.020 | 198  | 5514     | 2.691 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 16.132 | 169  | 30515    | 3.698 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.813 | 248  | 13603    | 3.646 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.943 | 284  | 14858    | 4.066 | ng    | 98       |
| 69) Atrazine                  | 17.060 | 200  | 13209    | 4.149 | ng    | 97       |
| 70) Pentachlorophenol         | 17.295 | 266  | 4994     | 2.258 | ng    | # 91     |
| 71) Phenanthrene              | 17.677 | 178  | 57292    | 3.756 | ng    | 97       |
| 72) Anthracene                | 17.765 | 178  | 60887    | 3.888 | ng    | 99       |
| 73) Carbazole                 | 18.035 | 167  | 50503    | 3.787 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.558 | 149  | 51486    | 3.677 | ng    | # 95     |
| 75) Fluoranthene              | 19.669 | 202  | 74753    | 3.883 | ng    | 98       |
| 77) Benzidine                 | 19.839 | 184  | 39690    | 5.244 | ng    | 95       |
| 78) Pyrene                    | 20.027 | 202  | 78979    | 3.970 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.885 | 149  | 21948    | 3.613 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.901 | 228  | 73976    | 3.783 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.807 | 252  | 30992    | 4.401 | ng    | # 98     |
| 83) Chrysene                  | 21.972 | 228  | 68676    | 3.738 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.760 | 149  | 31408    | 3.606 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 23.035 | 149  | 52994    | 3.653 | ng    | # 97     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.275 | 276  | 81280    | 3.740 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 24.246 | 252  | 75693    | 4.108 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.316 | 252  | 72849    | 3.916 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.180 | 252  | 67143    | 3.699 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.322 | 278  | 71172    | 3.902 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 30.503 | 276  | 69351    | 3.940 | ng    | # 97     |

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

## Manual Integrations

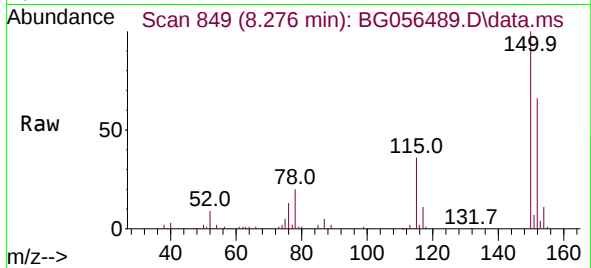
Quant Time: Feb 01 01:24:30 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 01 01:15:52 2023  
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#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.276 min Scan# 84  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

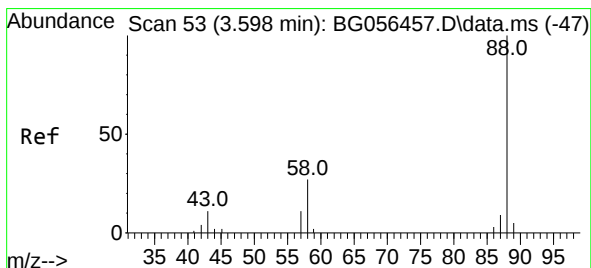
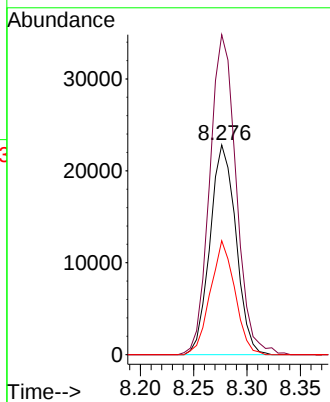
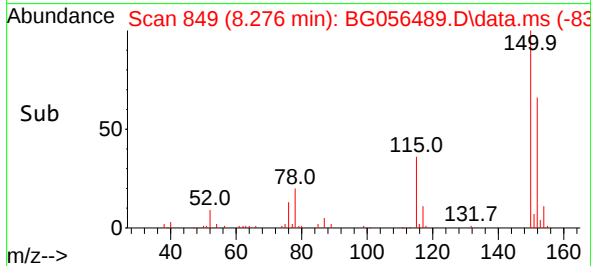
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 152 Resp: 3859  
Ion Ratio Lower Upper  
152 100  
150 152.6 120.2 180.4  
115 54.3 36.3 54.5

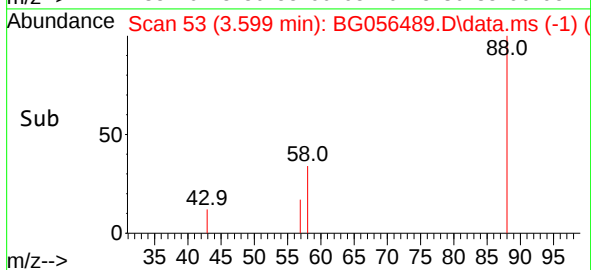
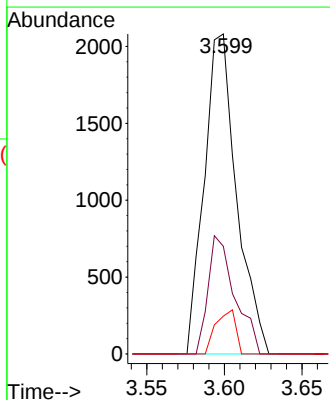
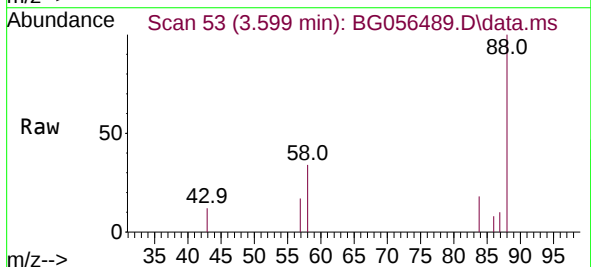
Manual Integrations  
APPROVED

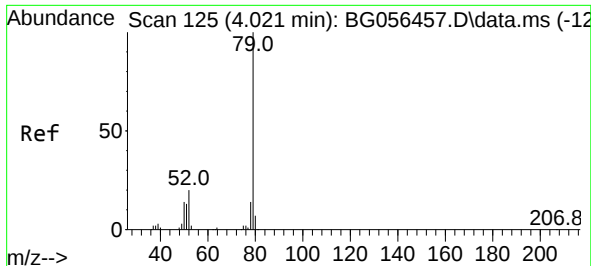
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#2  
1,4-Dioxane  
Concen: 3.471 ng  
RT: 3.599 min Scan# 53  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion: 88 Resp: 3032  
Ion Ratio Lower Upper  
88 100  
58 30.6 23.0 34.4  
43 8.4 8.0 12.0





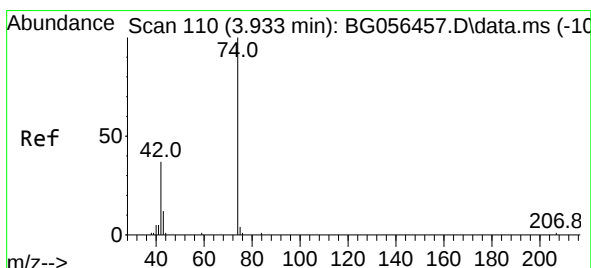
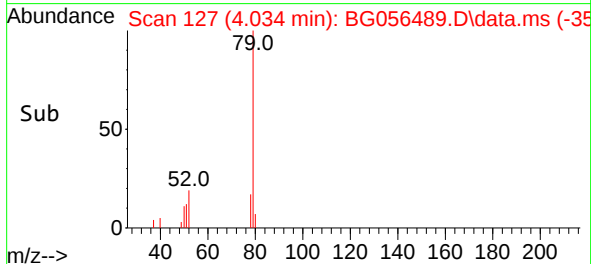
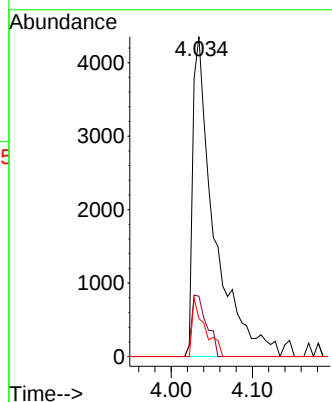
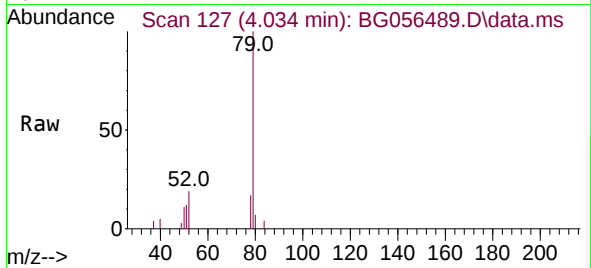
#3  
Pyridine  
Concen: 3.054 ng  
RT: 4.034 min Scan# 110  
Delta R.T. 0.013 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 79 Resp: 7953  
Ion Ratio Lower Upper  
79 100  
52 18.9 16.1 24.1  
51 11.8 10.7 16.1

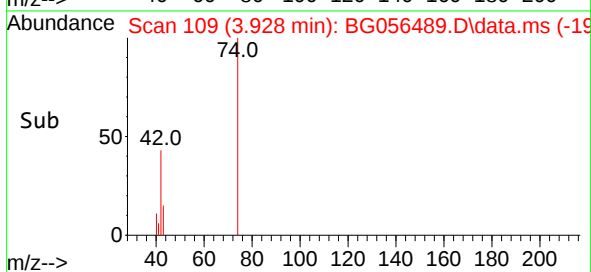
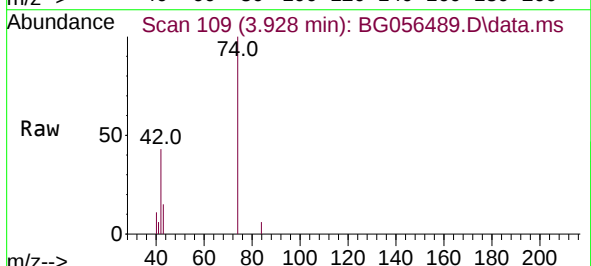
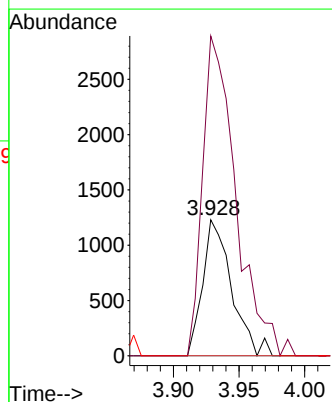
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#4  
n-Nitrosodimethylamine  
Concen: 3.410 ng  
RT: 3.928 min Scan# 109  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion: 42 Resp: 1888  
Ion Ratio Lower Upper  
42 100  
74 235.2 217.9 326.9  
44 0.0 3.0 4.6#





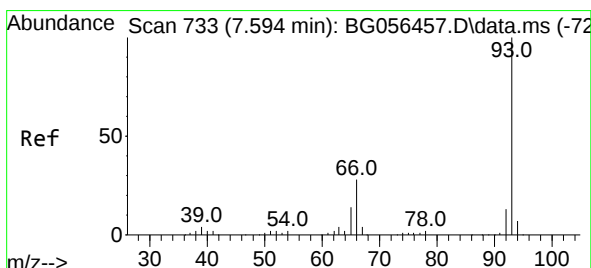
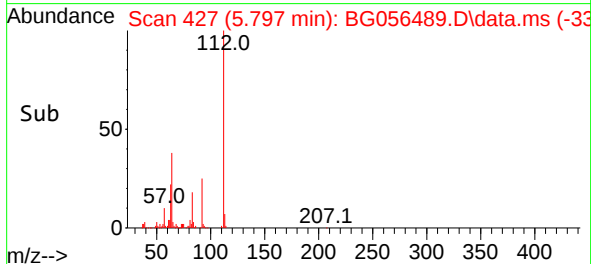
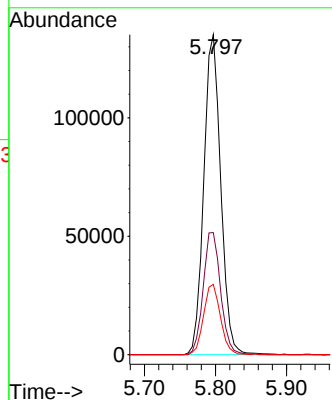
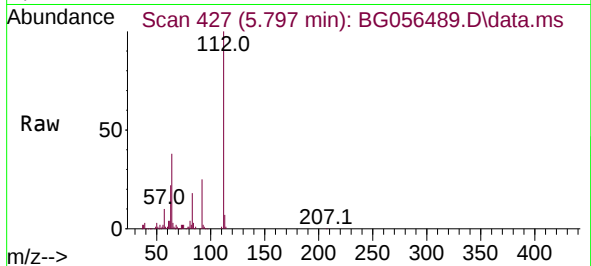
#5  
2-Fluorophenol  
Concen: 106.057 ng  
RT: 5.797 min Scan# 428  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 112 Resp: 222489  
Ion Ratio Lower Upper  
112 100  
64 38.1 31.9 47.9  
63 21.9 17.4 26.0

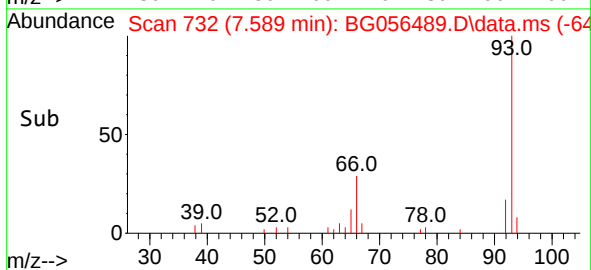
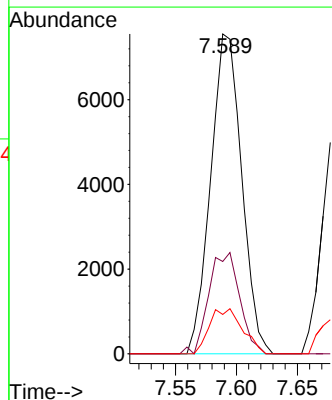
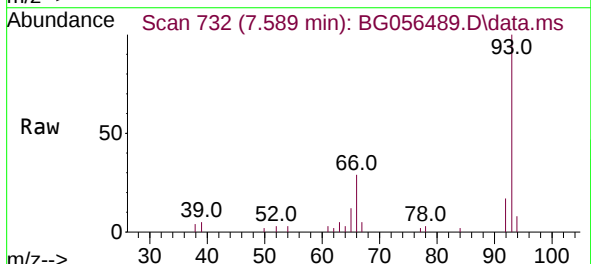
Manual Integrations  
APPROVED

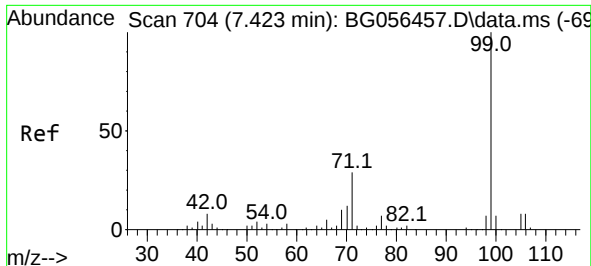
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#6  
Aniline  
Concen: 3.279 ng  
RT: 7.589 min Scan# 732  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion: 93 Resp: 13344  
Ion Ratio Lower Upper  
93 100  
66 28.8 22.2 33.2  
65 12.3 11.3 16.9





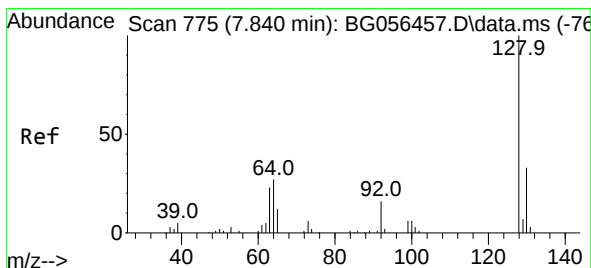
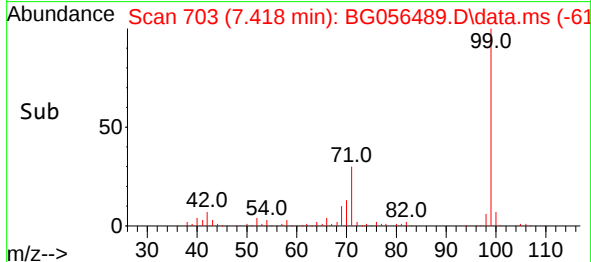
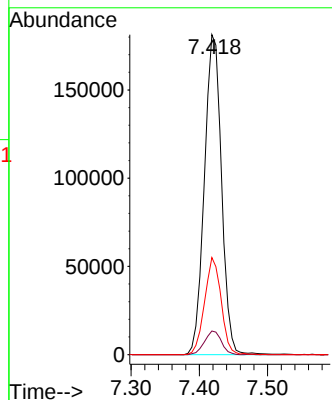
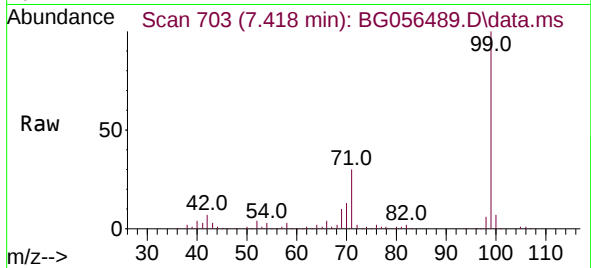
#7  
Phenol-d6  
Concen: 101.808 ng  
RT: 7.418 min Scan# 704  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 99 Resp: 31644  
Ion Ratio Lower Upper  
99 100  
42 7.4 6.6 10.0  
71 30.3 23.4 35.0

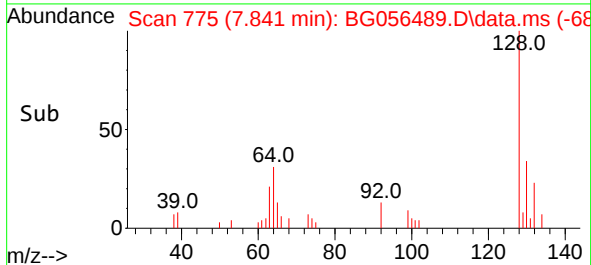
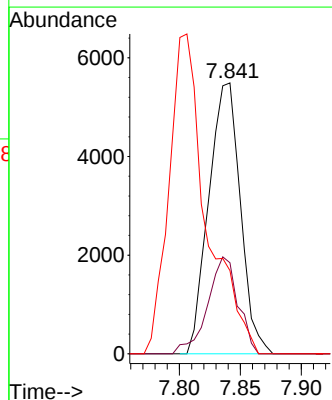
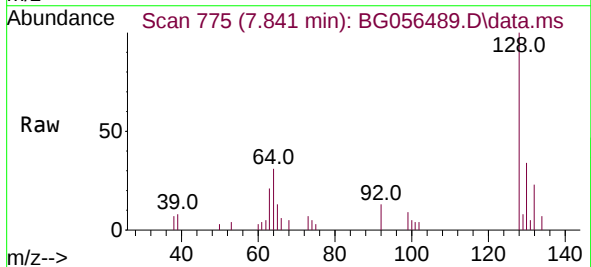
Manual Integrations  
APPROVED

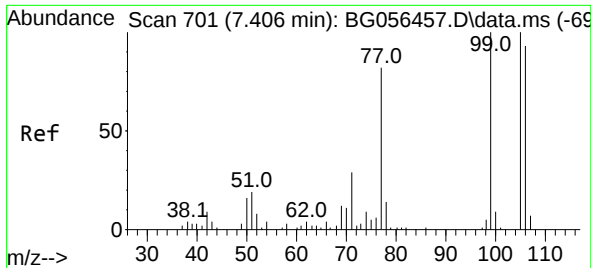
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#8  
2-Chlorophenol  
Concen: 4.296 ng  
RT: 7.841 min Scan# 775  
Delta R.T. 0.007 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion:128 Resp: 9901  
Ion Ratio Lower Upper  
128 100  
130 33.6 12.8 52.8  
64 30.7 11.3 51.3





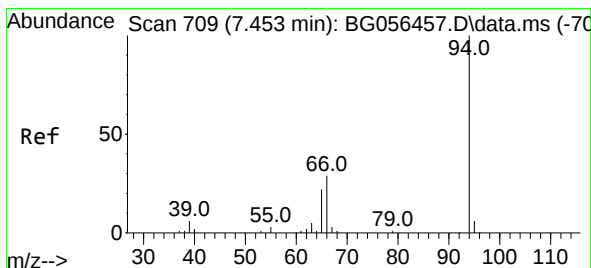
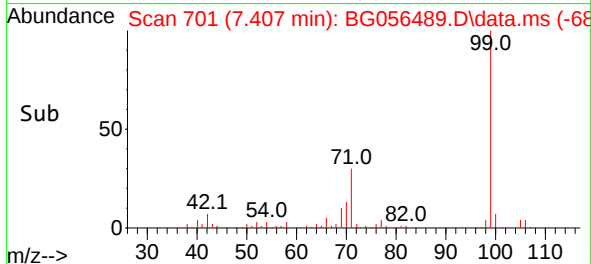
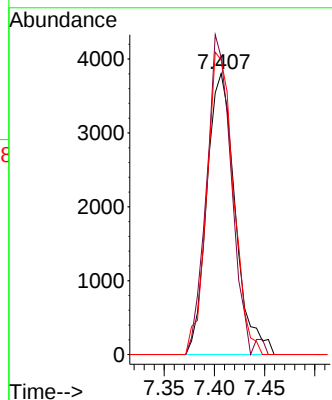
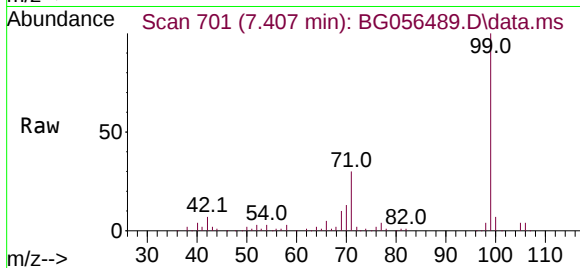
#9  
Benzaldehyde  
Concen: 3.721 ng  
RT: 7.407 min Scan# 701  
Delta R.T. 0.007 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 77 Resp: 745  
Ion Ratio Lower Upper  
77 100  
105 105.8 101.8 141.8  
106 104.8 93.0 133.0

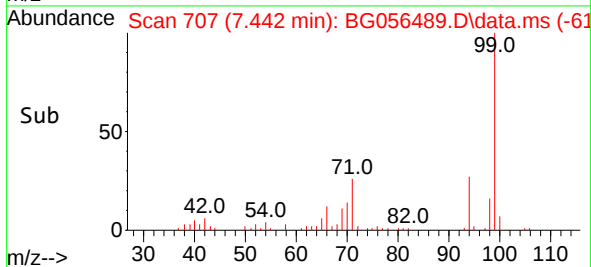
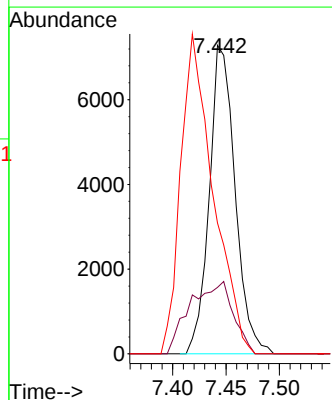
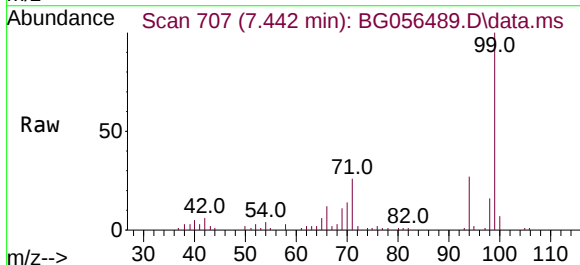
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#10  
Phenol  
Concen: 3.893 ng  
RT: 7.442 min Scan# 707  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion: 94 Resp: 12298  
Ion Ratio Lower Upper  
94 100  
65 21.5 2.3 42.3  
66 42.5 11.2 51.2





#11

bis(2-Chloroethyl)ether

Concen: 3.651 ng

RT: 7.683 min Scan# 748

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA\_G

ClientSampleId :

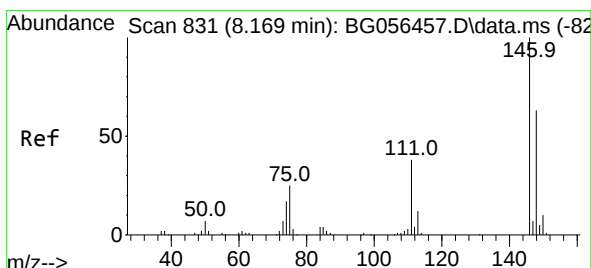
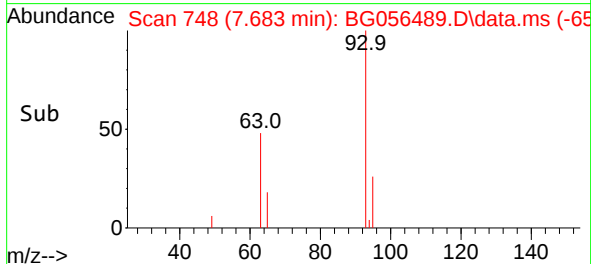
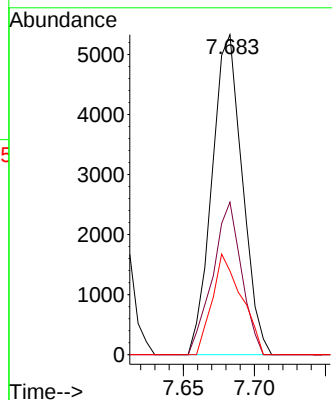
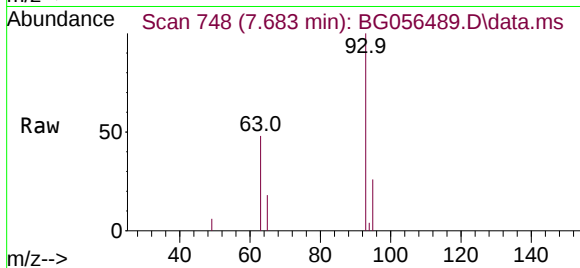
LOD-MDL-WATER-01-QT4-2022

|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 7928  |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 47.6     | 32.4 72.4   |
| 95 26.1     | 11.8 51.8   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#12

1,3-Dichlorobenzene

Concen: 3.665 ng

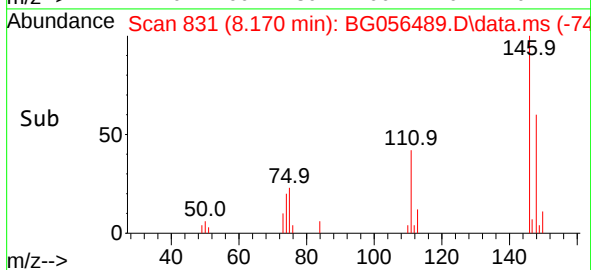
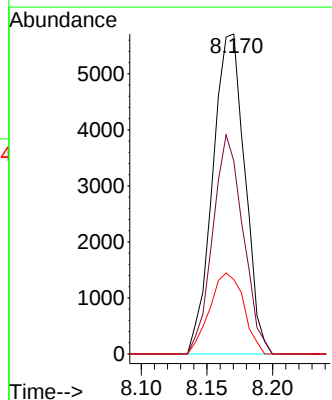
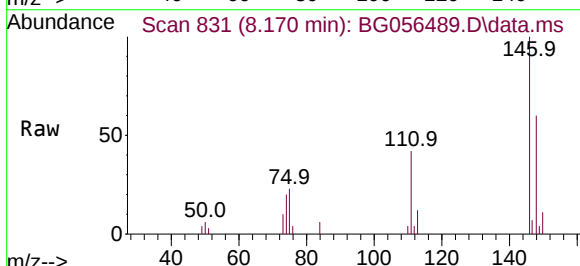
RT: 8.170 min Scan# 831

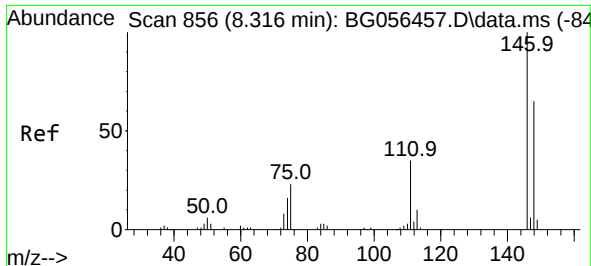
Delta R.T. 0.007 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

|             |             |
|-------------|-------------|
| Tgt Ion:146 | Resp: 9724  |
| Ion Ratio   | Lower Upper |
| 146 100     |             |
| 148 56.2    | 50.6 75.8   |
| 75 21.7     | 19.6 29.4   |





#13

1,4-Dichlorobenzene

Concen: 4.039 ng

RT: 8.317 min Scan# 856

Delta R.T. 0.007 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA\_G

ClientSampleId :

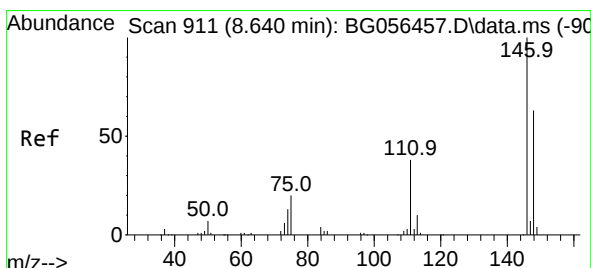
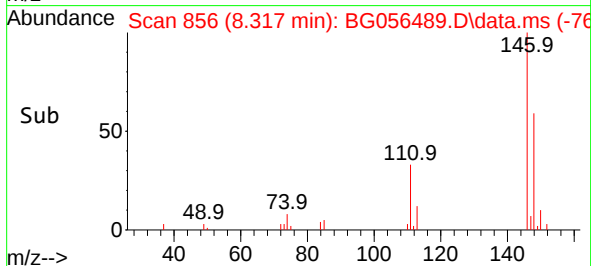
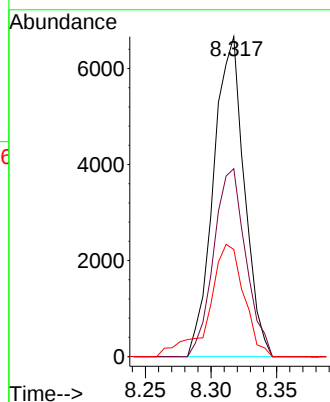
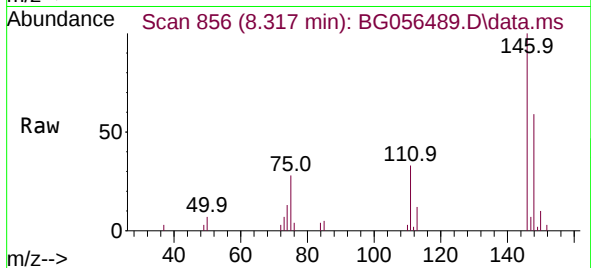
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:146 Resp: 10854  
 Ion Ratio Lower Upper  
 146 100  
 148 58.7 51.8 77.6  
 111 33.5 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
 Supervised By :Jagrut Upadhyay 02/01/2023



#14

1,2-Dichlorobenzene

Concen: 3.776 ng

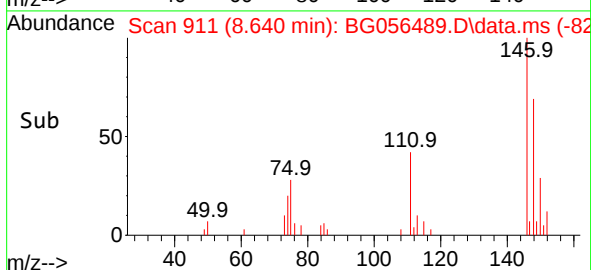
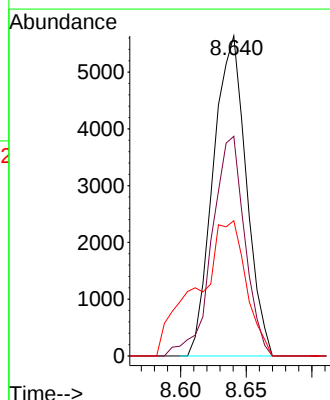
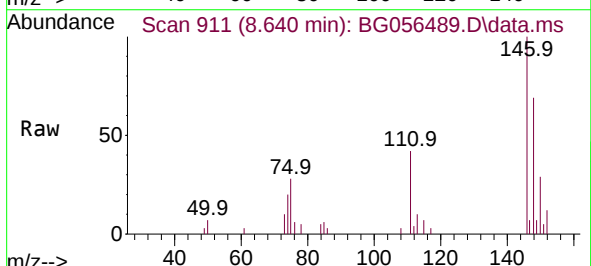
RT: 8.640 min Scan# 911

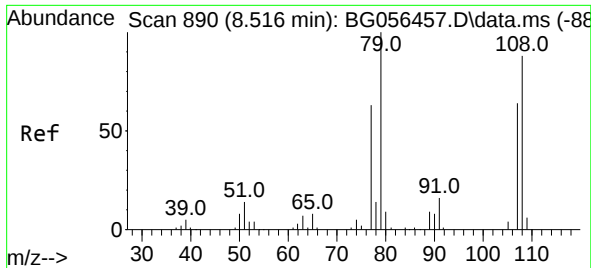
Delta R.T. 0.007 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Tgt Ion:146 Resp: 9844  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 50.1 75.1  
 111 39.5 30.9 46.3





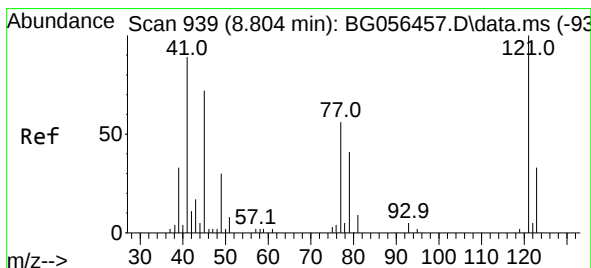
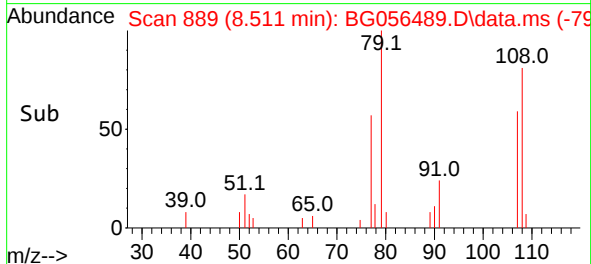
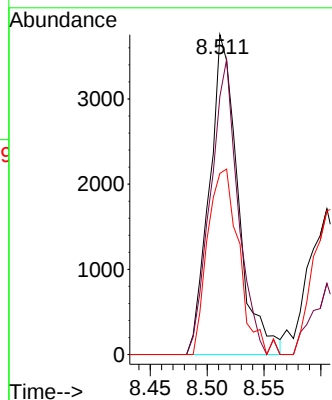
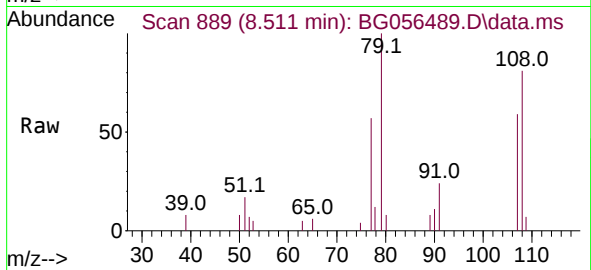
#15  
Benzyl Alcohol  
Concen: 3.102 ng  
RT: 8.511 min Scan# 889  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 79 Resp: 6615  
Ion Ratio Lower Upper  
79 100  
108 80.7 70.1 105.1  
77 56.6 50.3 75.5

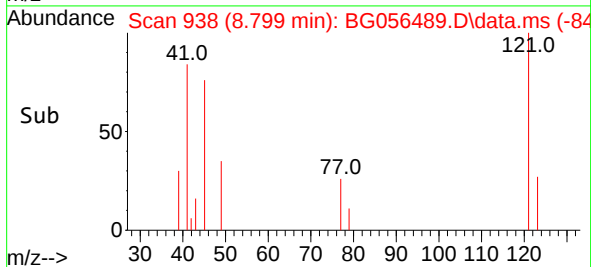
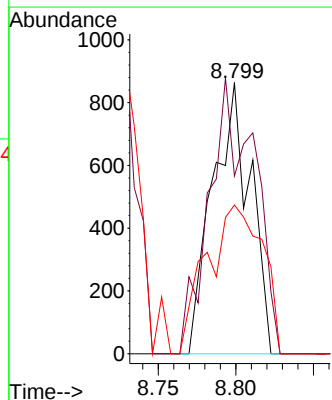
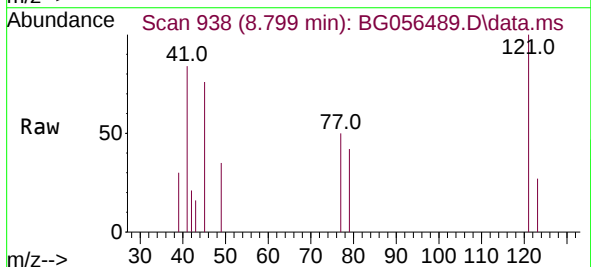
Manual Integrations  
APPROVED

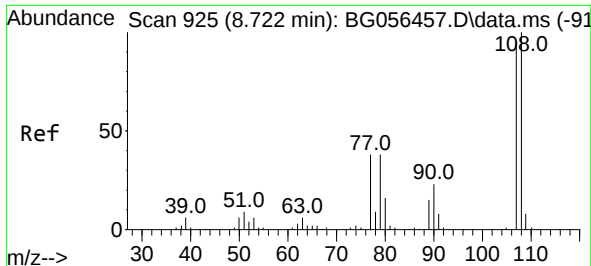
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.204 ng  
RT: 8.799 min Scan# 938  
Delta R.T. 0.007 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

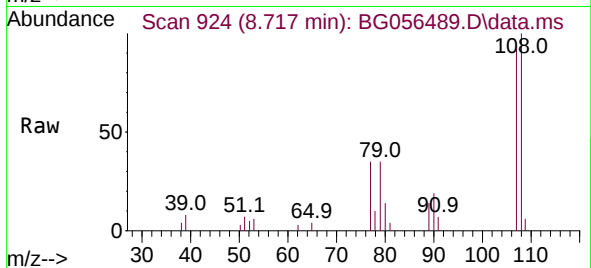
Tgt Ion: 45 Resp: 1474  
Ion Ratio Lower Upper  
45 100  
77 65.5 62.1 102.1  
79 54.9 42.7 82.7





#17  
2-Methylphenol  
Concen: 3.112 ng  
RT: 8.717 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

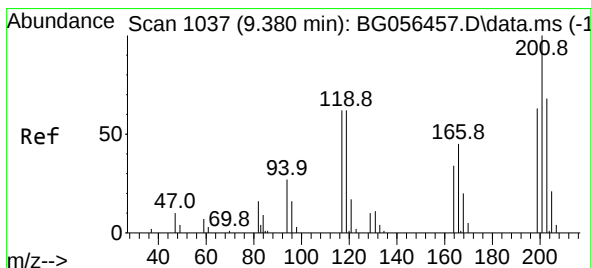
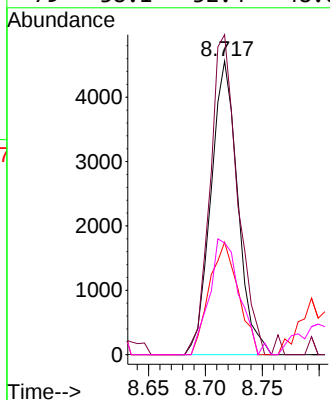
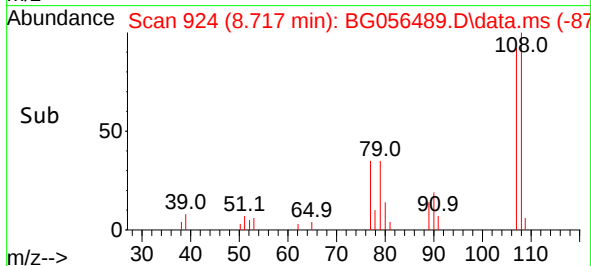
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



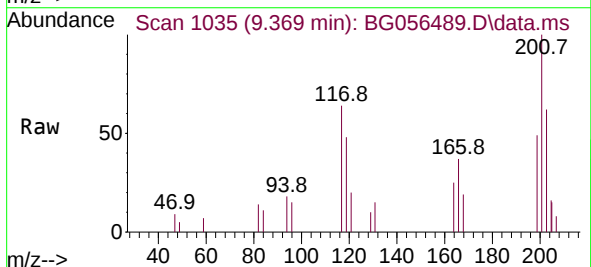
Tgt Ion:107 Resp: 7486  
Ion Ratio Lower Upper  
107 100  
108 109.0 83.9 125.9  
77 38.3 31.6 47.4  
79 38.1 32.4 48.6

Manual Integrations  
APPROVED

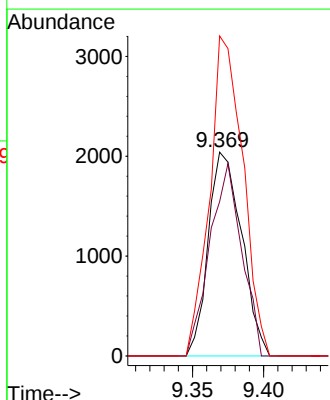
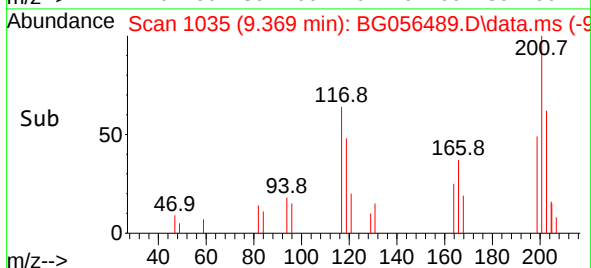
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

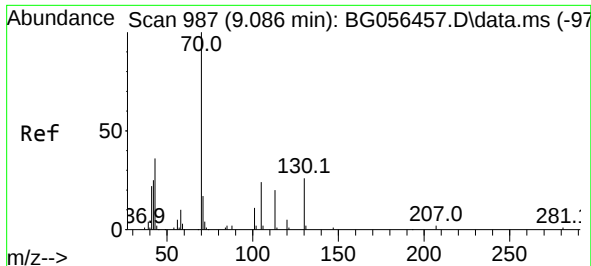


#18  
Hexachloroethane  
Concen: 4.108 ng  
RT: 9.369 min Scan# 1035  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34



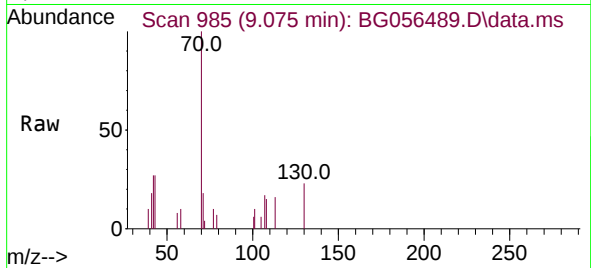
Tgt Ion:117 Resp: 3339  
Ion Ratio Lower Upper  
117 100  
119 75.7 79.4 119.0#  
201 157.0 128.5 192.7





#19  
n-Nitroso-di-n-propylamine  
Concen: 3.611 ng  
RT: 9.075 min Scan# 985  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

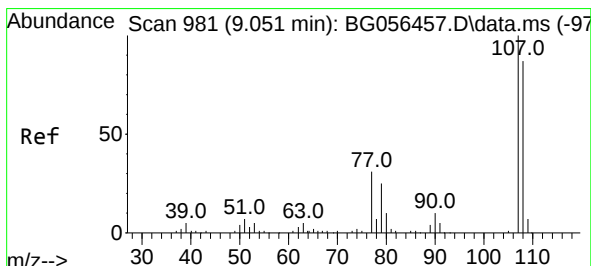
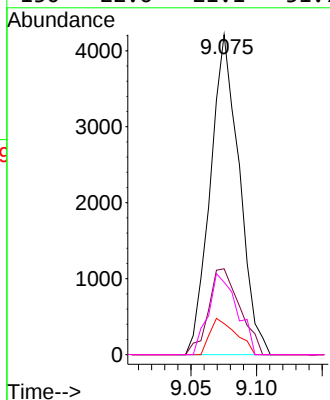
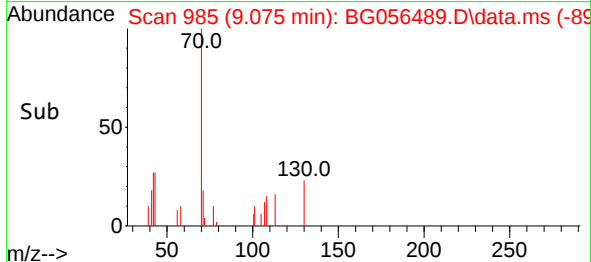
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



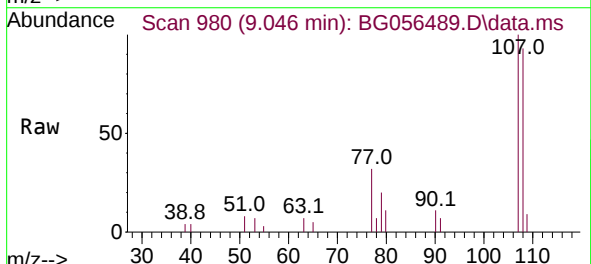
Tgt Ion: 70 Resp: 6469  
Ion Ratio Lower Upper  
70 100  
42 26.8 20.2 30.4  
101 9.7 9.1 13.7  
130 22.6 21.1 31.7

Manual Integrations  
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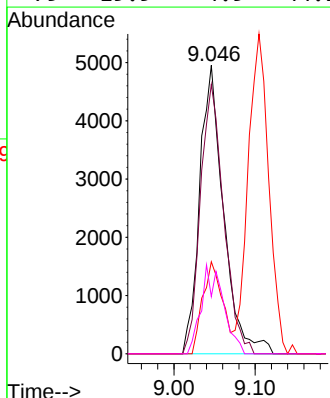
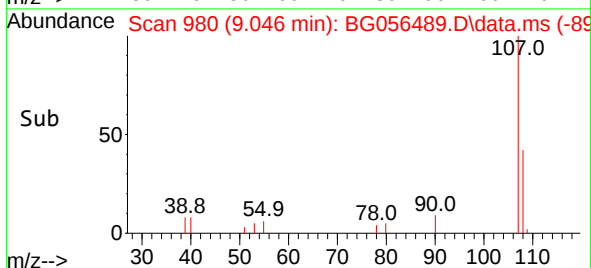
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

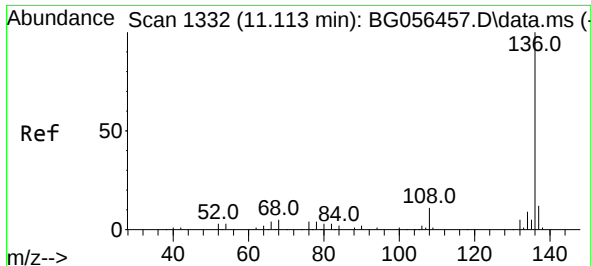


#20  
3+4-Methylphenols  
Concen: 3.004 ng  
RT: 9.046 min Scan# 980  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34



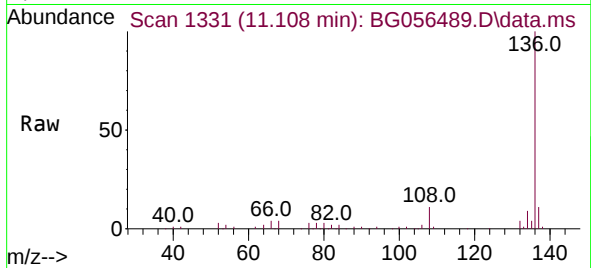
Tgt Ion:107 Resp: 10118  
Ion Ratio Lower Upper  
107 100  
108 93.4 66.7 106.7  
77 31.9 10.6 50.6  
79 19.9 4.9 44.9





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.108 min Scan# 1331  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

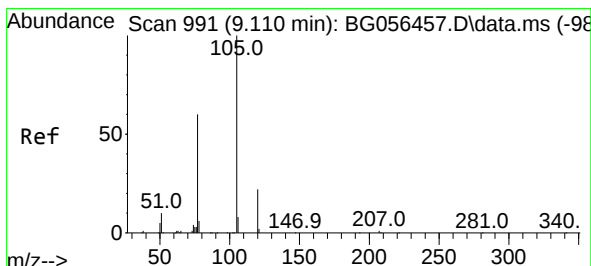
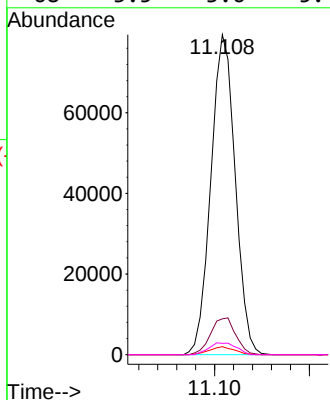
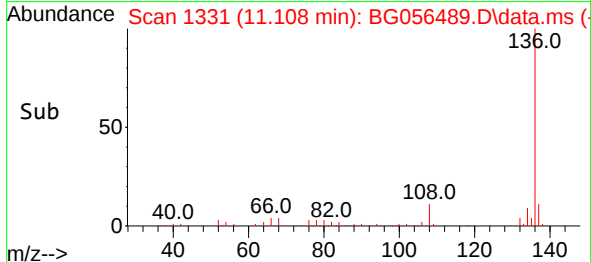
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:136 Resp: 141289  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.4 14.0  
54 2.5 2.2 3.4  
68 3.5 3.6 5.4#

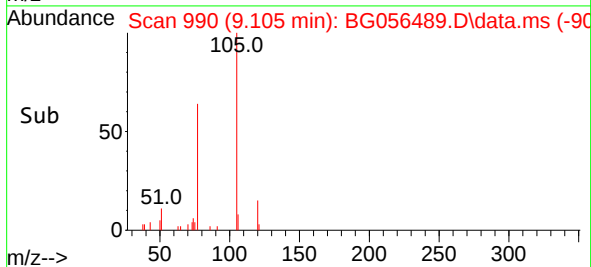
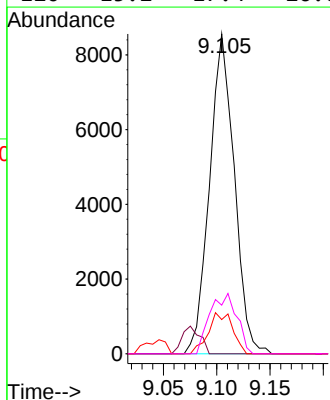
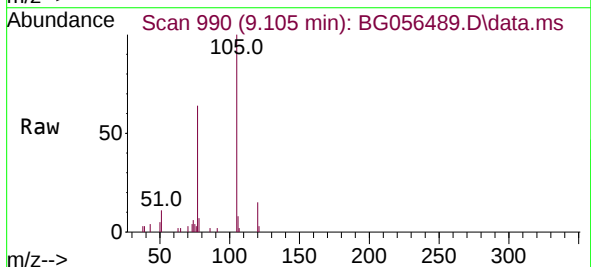
Manual Integrations  
APPROVED

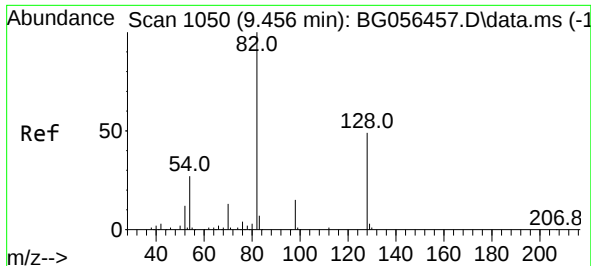
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#22  
Acetophenone  
Concen: 3.694 ng  
RT: 9.105 min Scan# 990  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

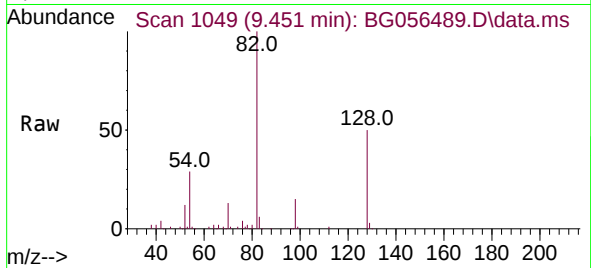
Tgt Ion:105 Resp: 13867  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.6 0.8#  
51 10.7 9.2 13.8  
120 15.2 17.4 26.0#





#23  
Nitrobenzene-d5  
Concen: 72.408 ng  
RT: 9.451 min Scan# 1049  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

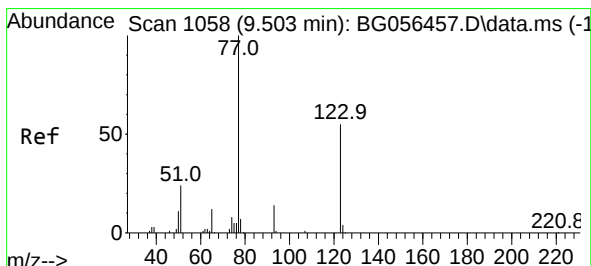
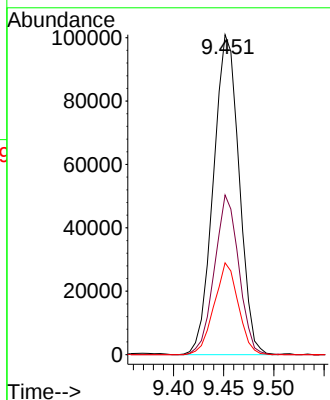
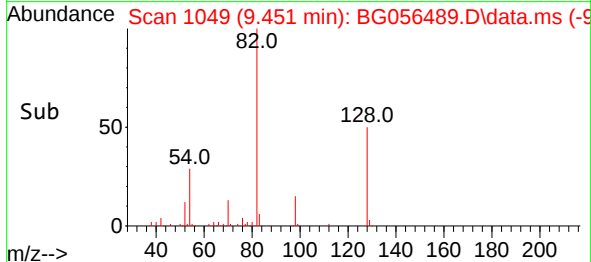
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 82 Resp: 18016  
Ion Ratio Lower Upper  
82 100  
128 49.9 39.4 59.2  
54 28.7 21.4 32.2

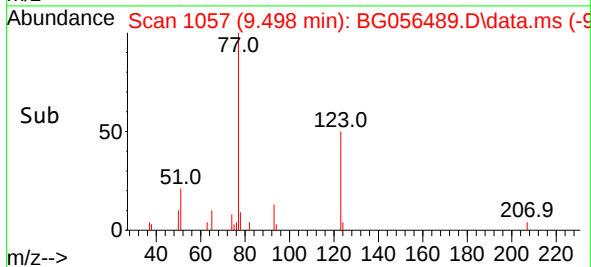
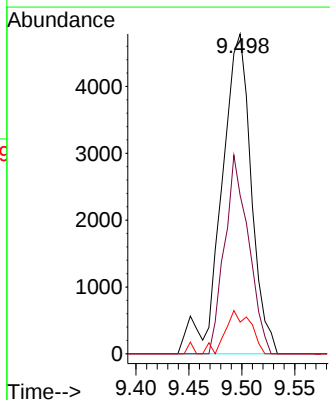
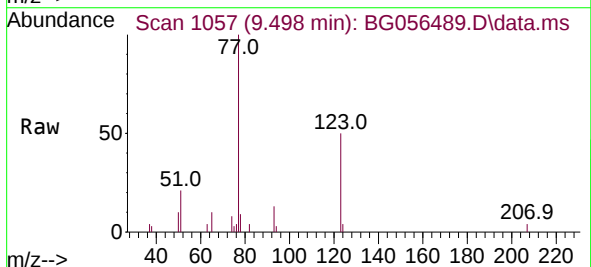
Manual Integrations  
APPROVED

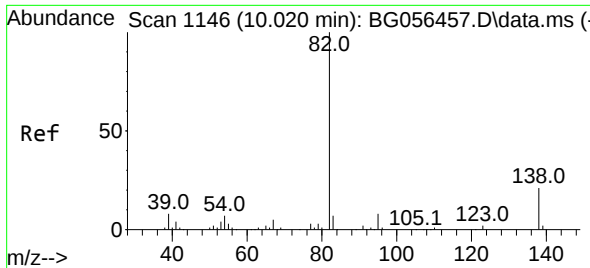
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#24  
Nitrobenzene  
Concen: 3.899 ng m  
RT: 9.498 min Scan# 1057  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion: 77 Resp: 9358  
Ion Ratio Lower Upper  
77 100  
123 49.6 44.0 66.0  
65 9.9 9.7 14.5





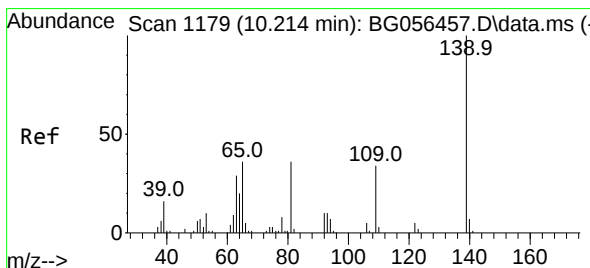
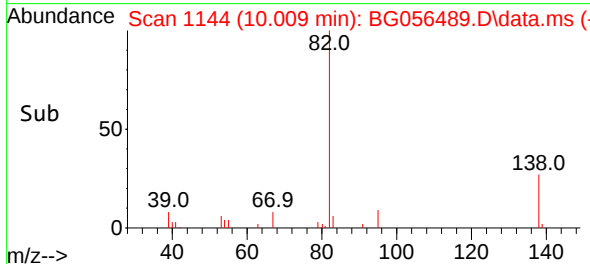
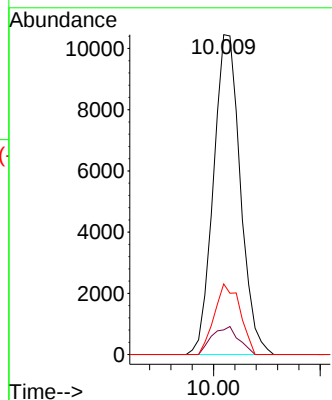
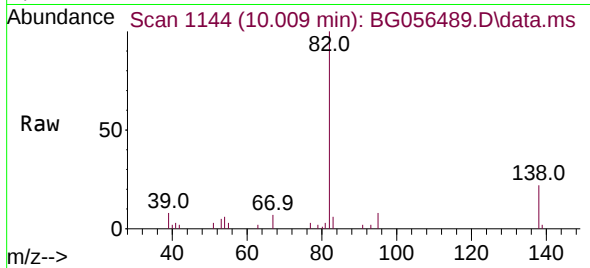
#25  
Isophorone  
Concen: 3.572 ng  
RT: 10.009 min Scan# 1144  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 82 Resp: 18334  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.3 9.5  
138 22.1 16.6 25.0

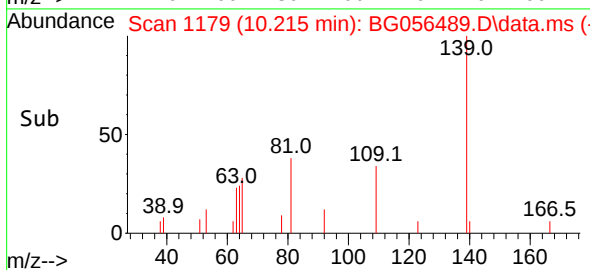
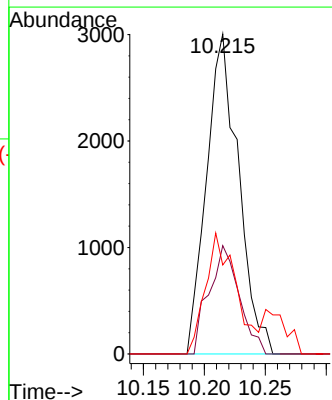
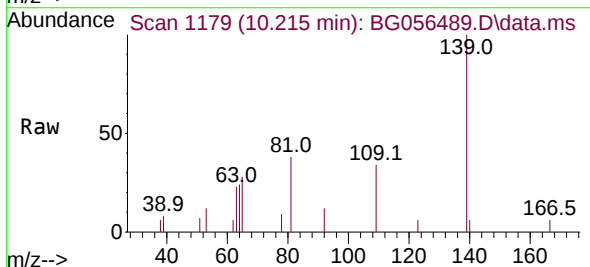
Manual Integrations  
APPROVED

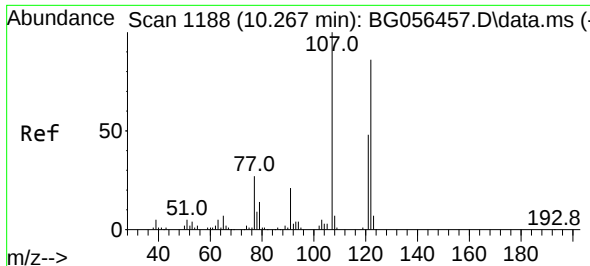
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#26  
2-Nitrophenol  
Concen: 3.756 ng  
RT: 10.215 min Scan# 1179  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

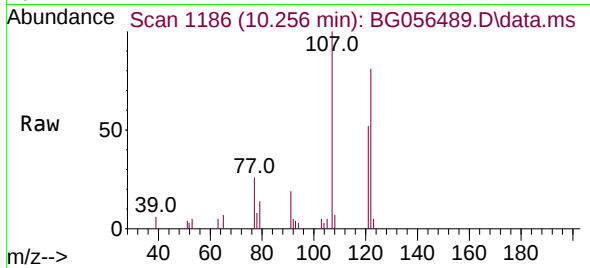
Tgt Ion:139 Resp: 5469  
Ion Ratio Lower Upper  
139 100  
109 33.8 26.9 40.3  
65 27.8 29.0 43.4#





#27  
2,4-Dimethylphenol  
Concen: 3.231 ng  
RT: 10.256 min Scan# 1186  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

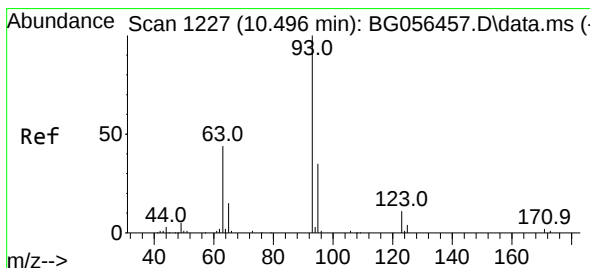
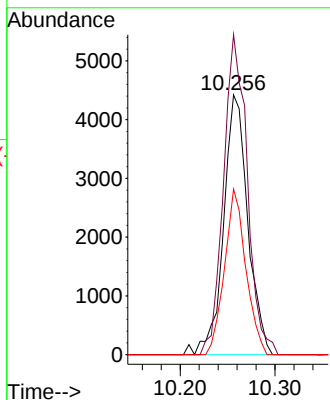
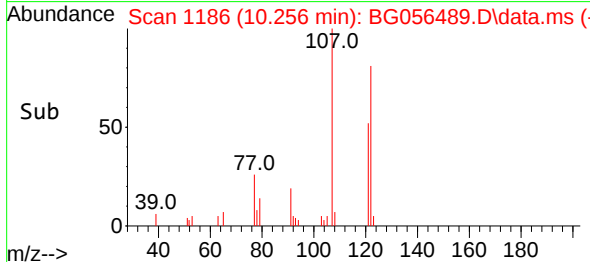
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:122 Resp: 7873  
Ion Ratio Lower Upper  
122 100  
107 123.2 92.9 139.3  
121 63.7 45.0 67.4

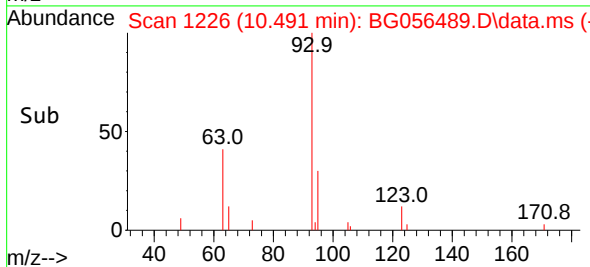
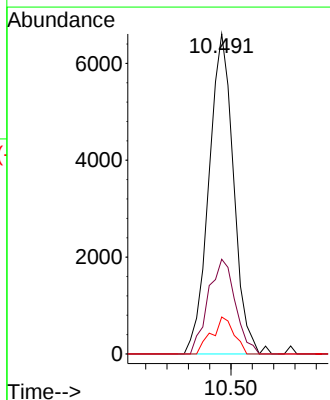
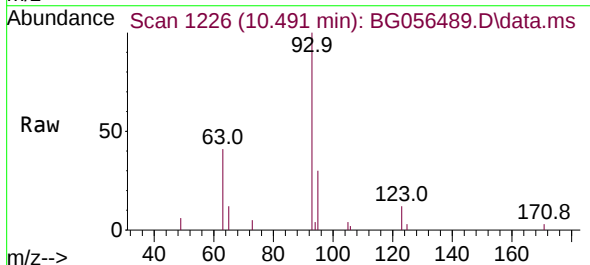
Manual Integrations  
APPROVED

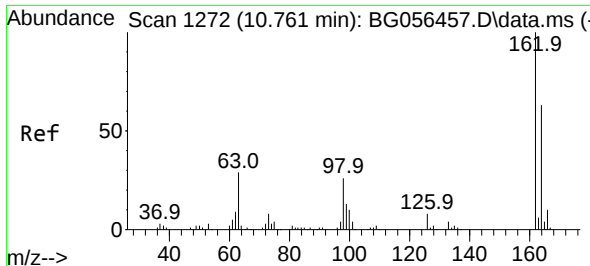
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 3.753 ng  
RT: 10.491 min Scan# 1226  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion: 93 Resp: 10641  
Ion Ratio Lower Upper  
93 100  
95 29.6 27.9 41.9  
123 11.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 3.671 ng

RT: 10.756 min Scan# 1107

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA\_G

ClientSampleId :

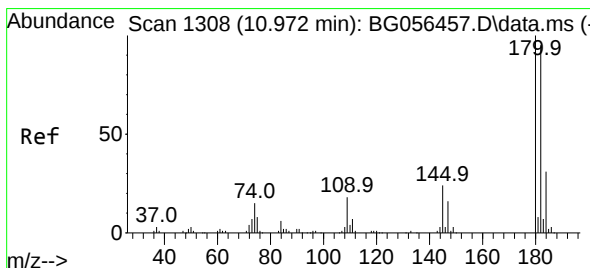
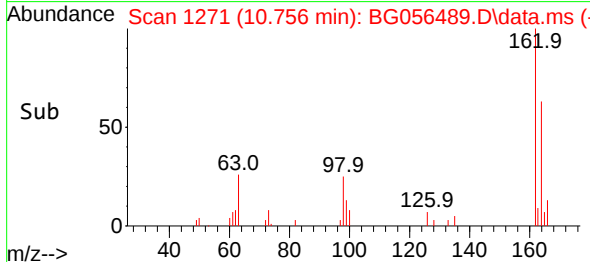
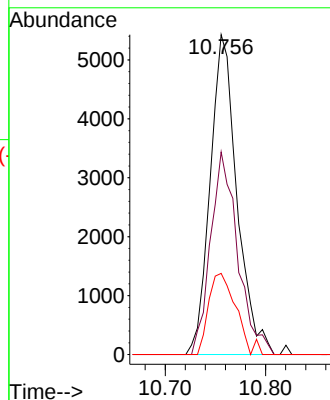
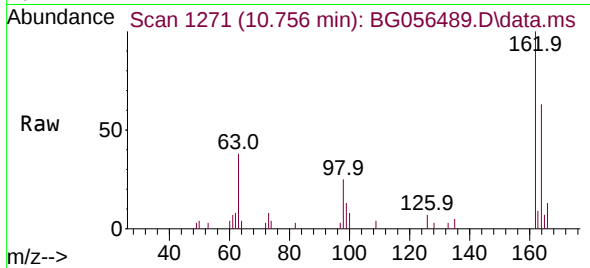
LOD-MDL-WATER-01-QT4-2022

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:162 | Resp: | 1007      |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 58.0  | 42.8 82.8 |
| 98          | 23.2  | 6.5 46.5  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 3.906 ng

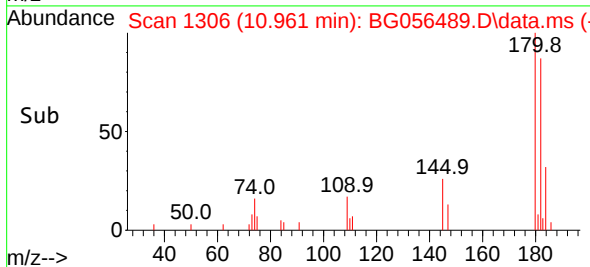
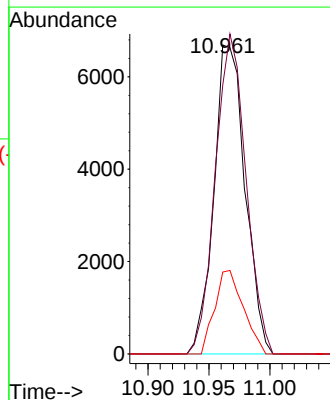
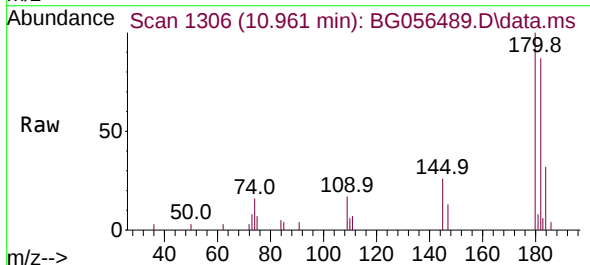
RT: 10.961 min Scan# 1306

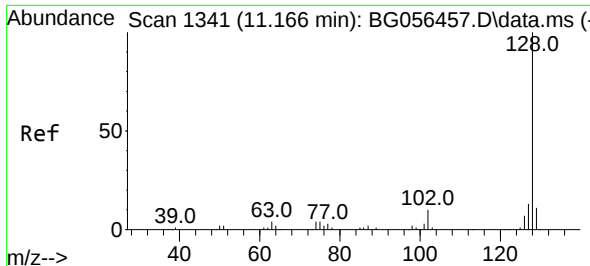
Delta R.T. -0.005 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

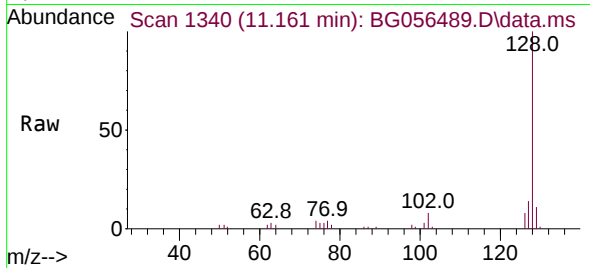
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 11907      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.5  | 75.9 113.9 |
| 145         | 26.5  | 19.4 29.0  |





#31  
Naphthalene  
Concen: 3.903 ng  
RT: 11.161 min Scan# 1341  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

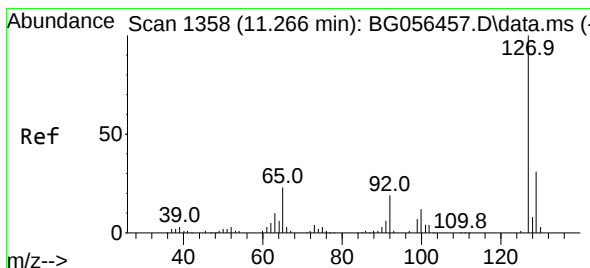
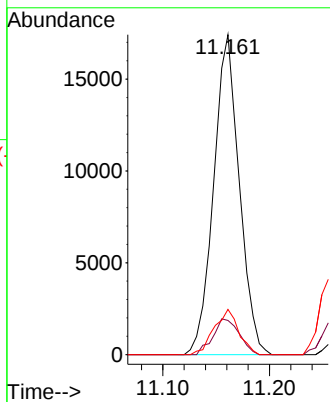
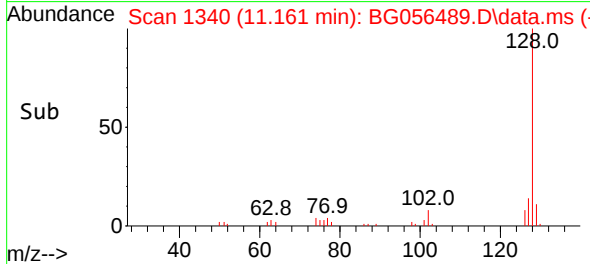
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



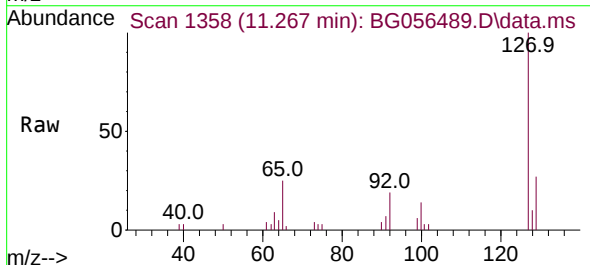
Tgt Ion:128 Resp: 29104  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.7 13.1  
127 14.1 10.4 15.6

Manual Integrations  
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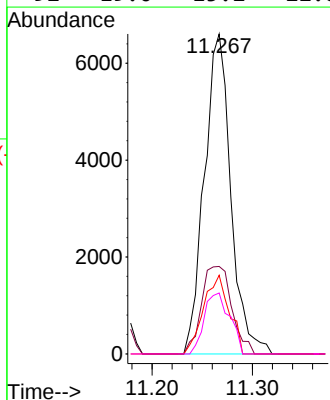
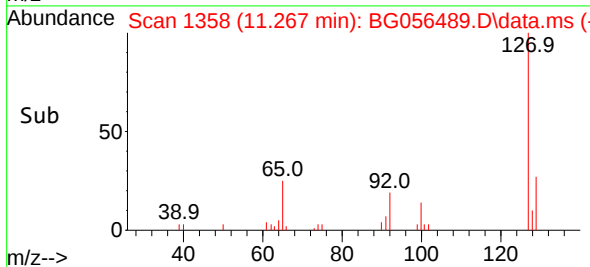
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

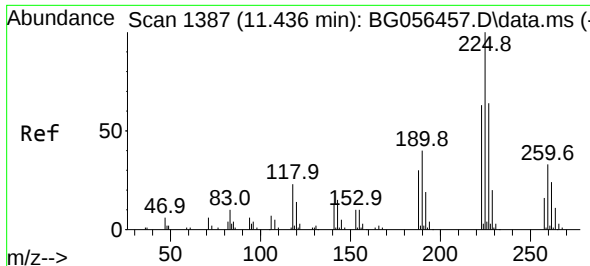


#33  
4-Chloroaniline  
Concen: 3.479 ng  
RT: 11.267 min Scan# 1358  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34



Tgt Ion:127 Resp: 12112  
Ion Ratio Lower Upper  
127 100  
129 27.3 25.0 37.6  
65 24.6 18.5 27.7  
92 19.0 15.2 22.8





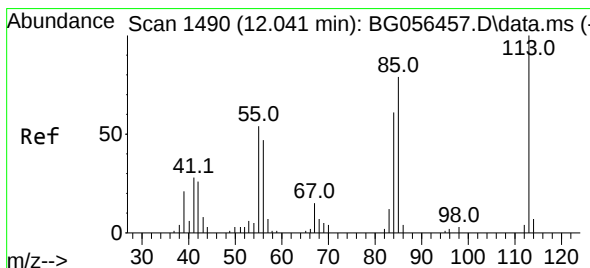
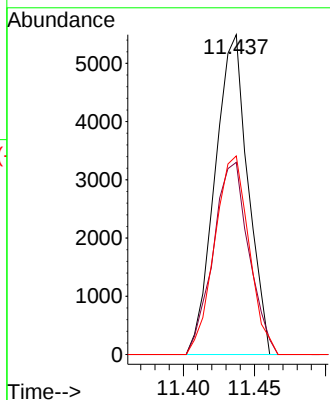
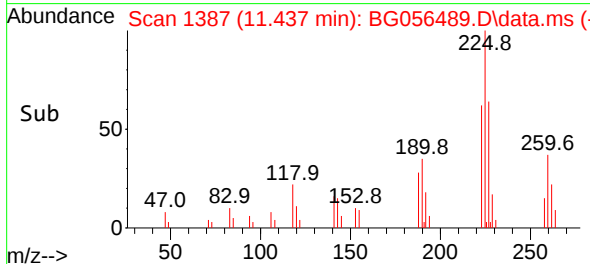
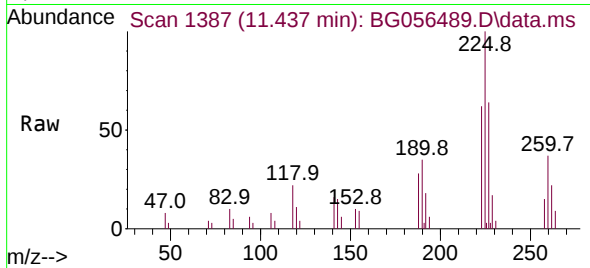
#34  
Hexachlorobutadiene  
Concen: 4.144 ng  
RT: 11.437 min Scan# 1387  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:225 Resp: 8868  
Ion Ratio Lower Upper  
225 100  
223 60.1 50.6 75.8  
227 64.8 53.7 80.5

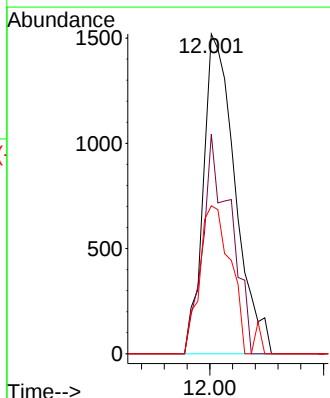
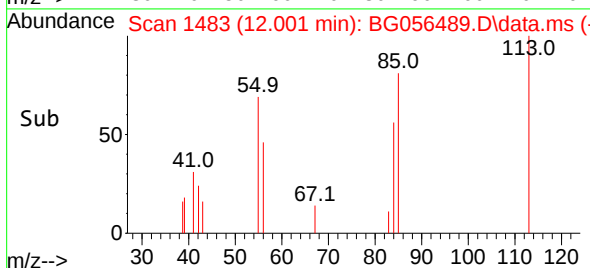
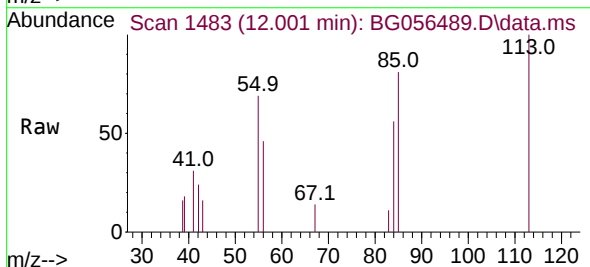
Manual Integrations  
APPROVED

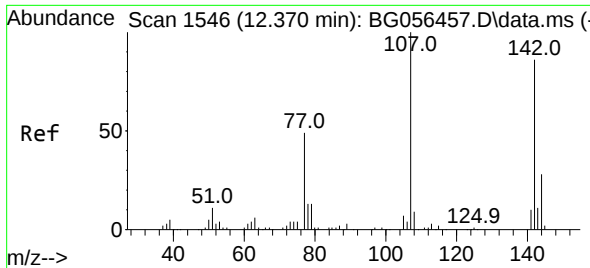
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#35  
Caprolactam  
Concen: 3.187 ng  
RT: 12.001 min Scan# 1483  
Delta R.T. -0.029 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

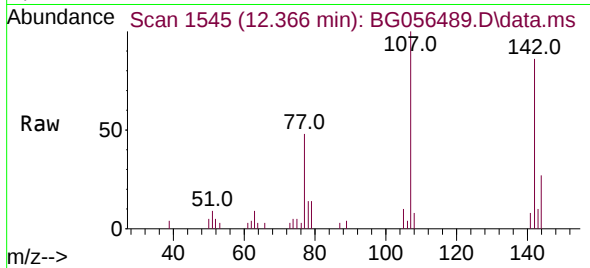
Tgt Ion:113 Resp: 2948  
Ion Ratio Lower Upper  
113 100  
55 68.7 33.7 73.7  
56 46.3 27.1 67.1





#36  
4-Chloro-3-methylphenol  
Concen: 3.832 ng  
RT: 12.366 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

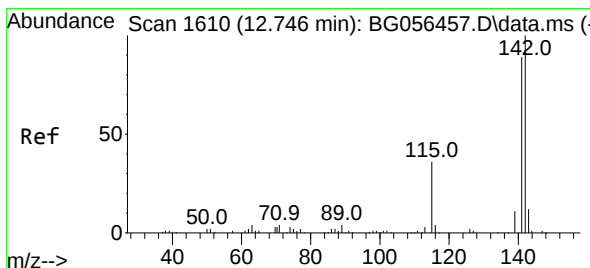
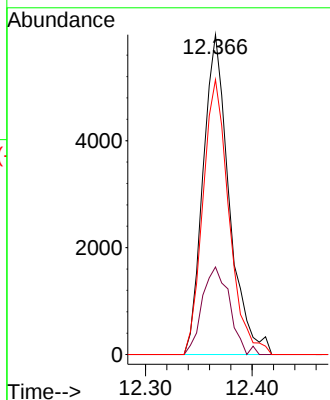
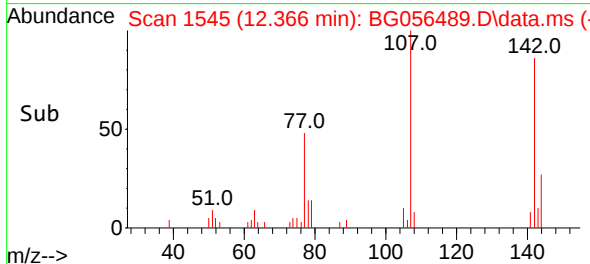
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



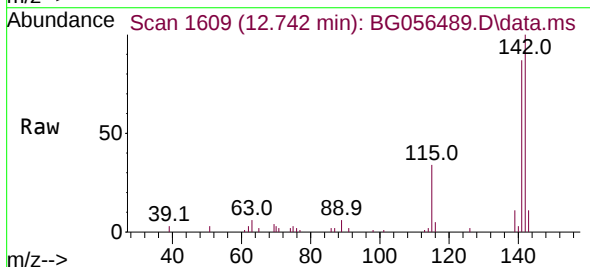
Tgt Ion:107 Resp: 10152  
Ion Ratio Lower Upper  
107 100  
144 27.4 22.3 33.5  
142 85.9 68.9 103.3

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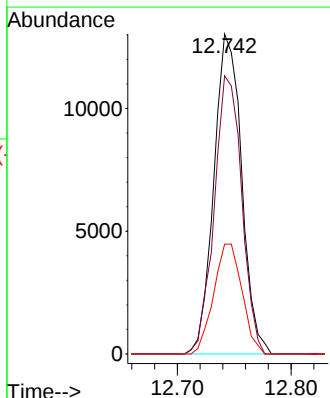
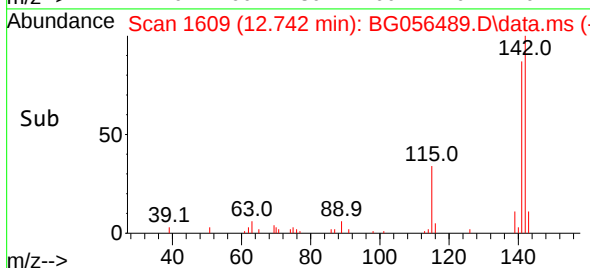
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

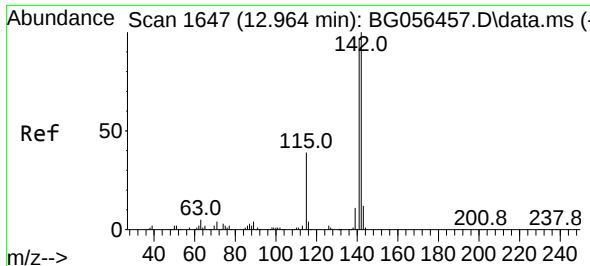


#37  
2-Methylnaphthalene  
Concen: 3.583 ng  
RT: 12.742 min Scan# 1609  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34



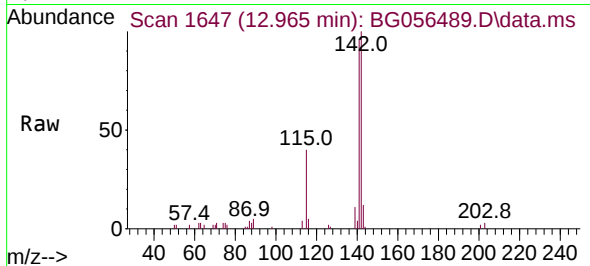
Tgt Ion:142 Resp: 22031  
Ion Ratio Lower Upper  
142 100  
141 86.9 71.4 107.0  
115 34.3 28.4 42.6





#38  
1-Methylnaphthalene  
Concen: 3.709 ng  
RT: 12.965 min Scan# 1647  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

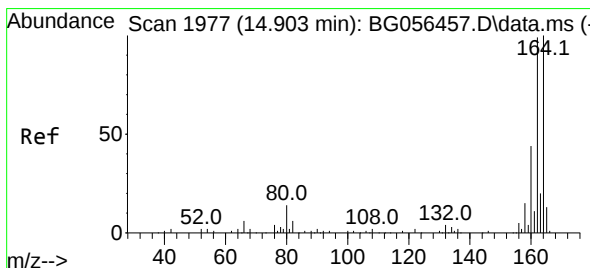
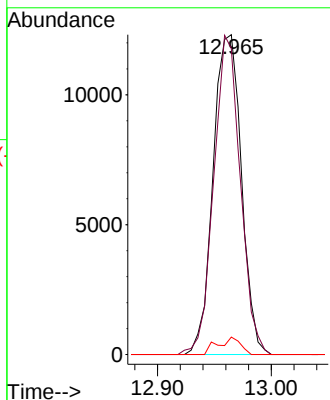
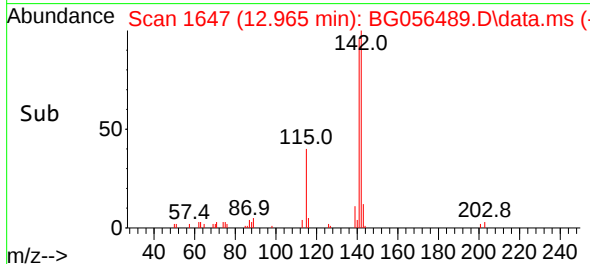
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



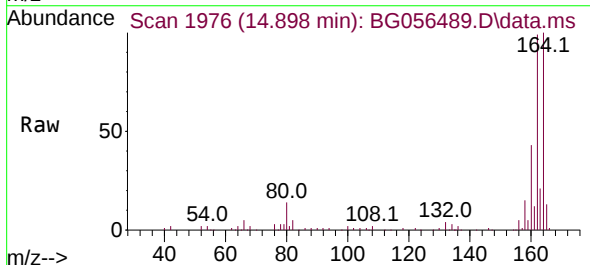
Tgt Ion:142 Resp: 21298  
Ion Ratio Lower Upper  
142 100  
141 95.7 77.7 116.5  
116 5.5 3.4 5.2

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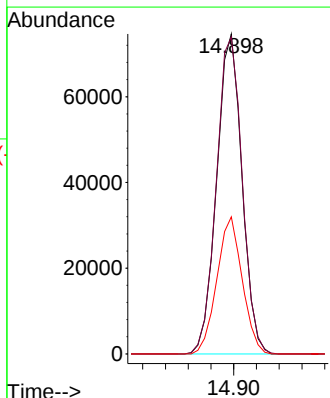
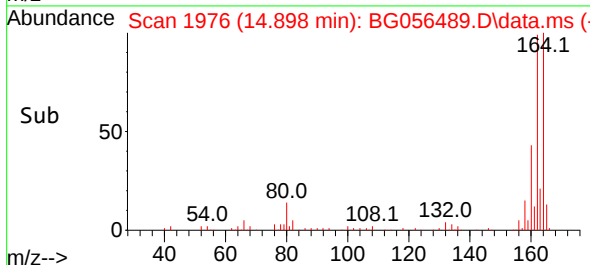
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

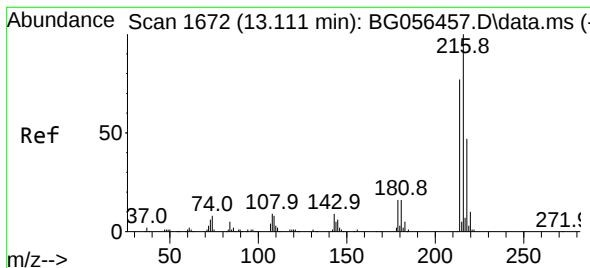


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.898 min Scan# 1976  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34



Tgt Ion:164 Resp: 114940  
Ion Ratio Lower Upper  
164 100  
162 99.0 79.6 119.4  
160 42.8 34.9 52.3





#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.788 ng

RT: 13.106 min Scan# 1671

Delta R.T. 0.001 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:216 Resp: 1590

Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.6

179 18.7 14.1 21.1

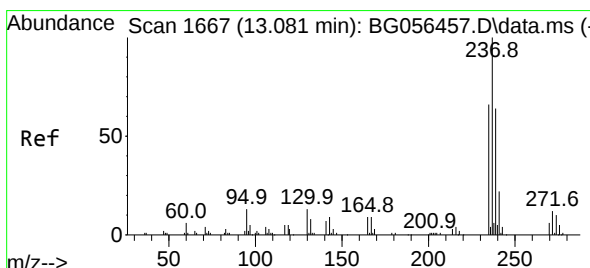
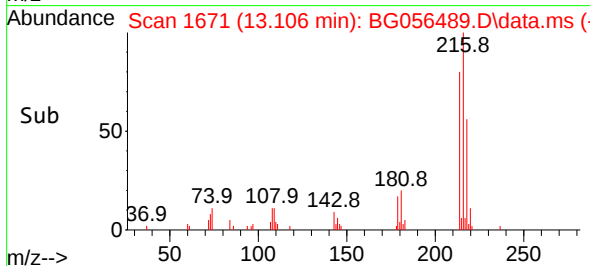
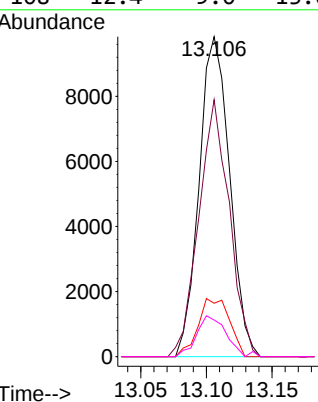
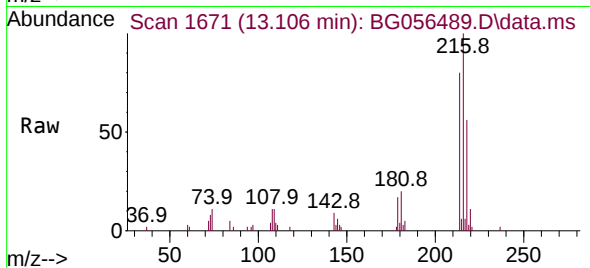
108 12.4 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#41

Hexachlorocyclopentadiene

Concen: 7.787 ng

RT: 13.076 min Scan# 1666

Delta R.T. -0.005 min

Lab File: BG056489.D

Acq: 31 Jan 2023 17:34

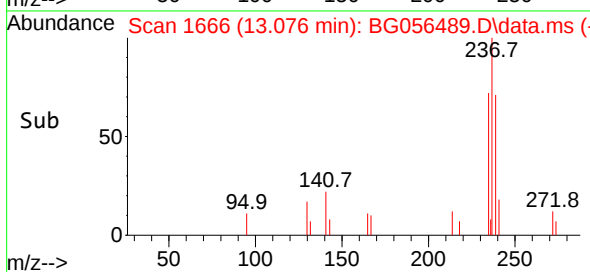
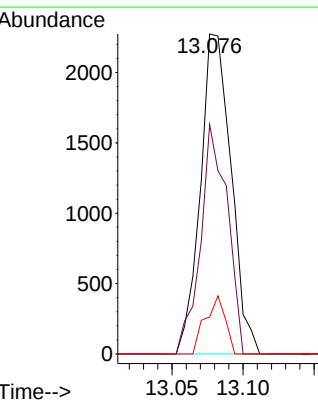
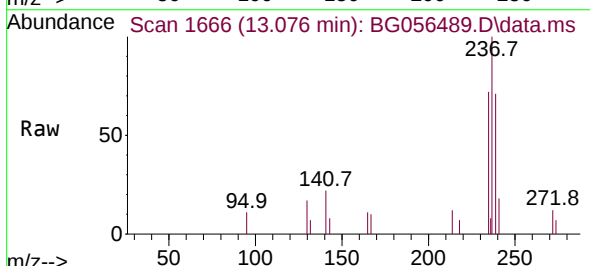
Tgt Ion:237 Resp: 3424

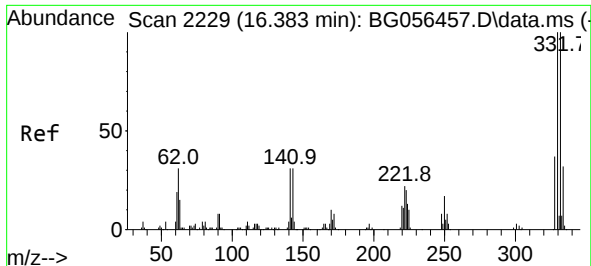
Ion Ratio Lower Upper

237 100

235 71.7 45.6 85.6

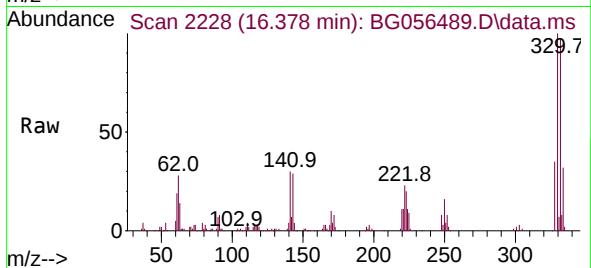
272 11.6 0.0 32.3





#42  
2,4,6-Tribromophenol  
Concen: 112.193 ng  
RT: 16.378 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

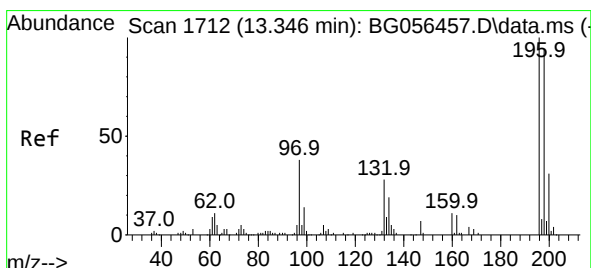
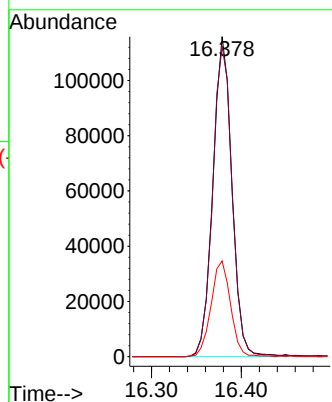
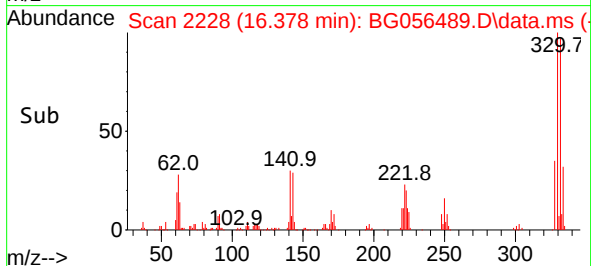
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



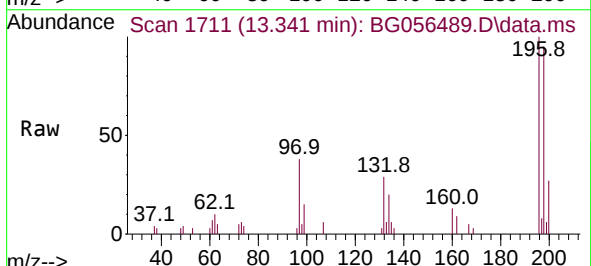
Tgt Ion:330 Resp: 17143  
Ion Ratio Lower Upper  
330 100  
332 99.7 79.0 118.6  
141 30.6 24.2 36.4

Manual Integrations  
APPROVED

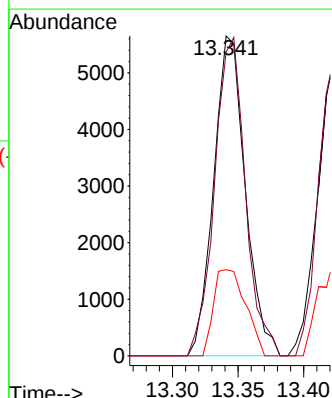
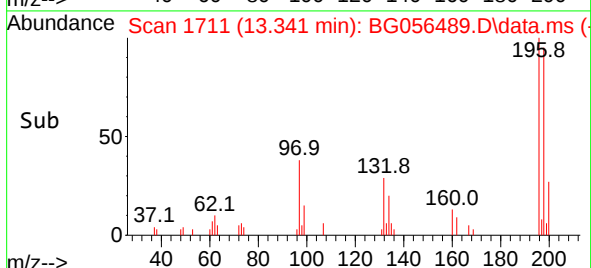
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

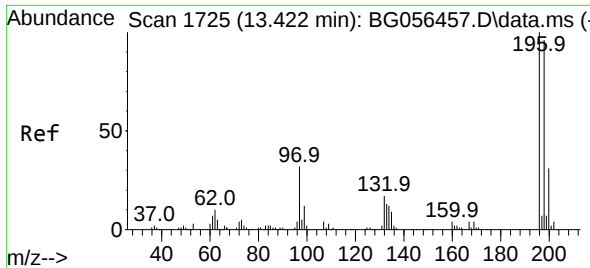


#43  
2,4,6-Trichlorophenol  
Concen: 3.502 ng  
RT: 13.341 min Scan# 1711  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34



Tgt Ion:196 Resp: 9476  
Ion Ratio Lower Upper  
196 100  
198 94.9 75.4 113.0  
200 26.9 25.0 37.6





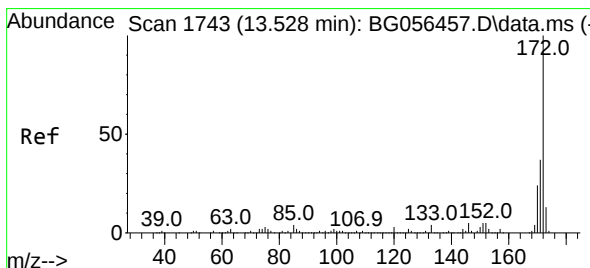
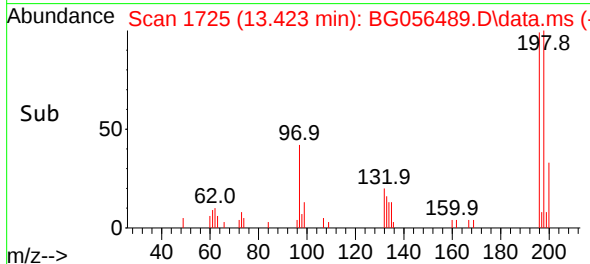
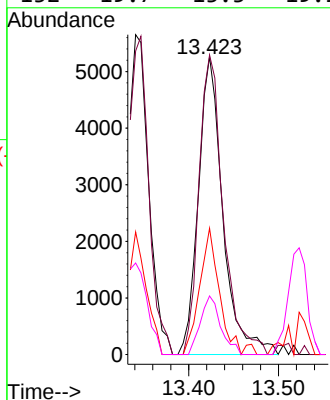
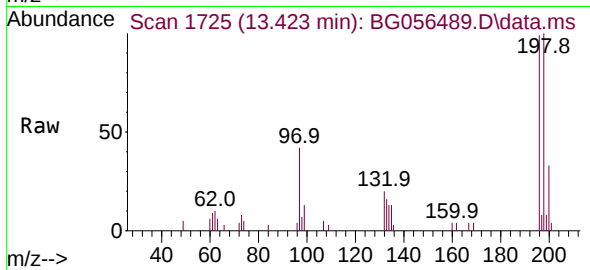
#44  
2,4,5-Trichlorophenol  
Concen: 3.155 ng  
RT: 13.423 min Scan# 1725  
Delta R.T. 0.007 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:196 Resp: 999  
Ion Ratio Lower Upper  
196 100  
198 100.6 76.9 115.3  
97 42.4 25.8 38.6  
132 19.7 13.3 19.9

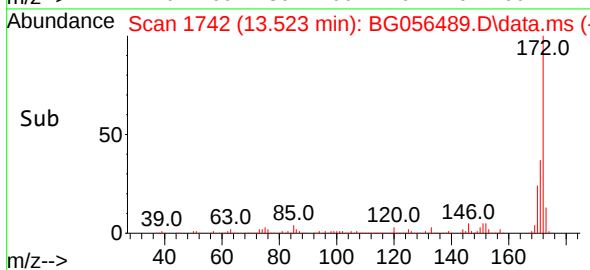
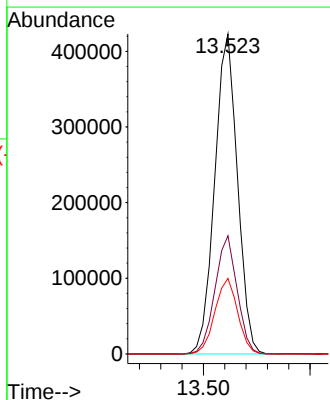
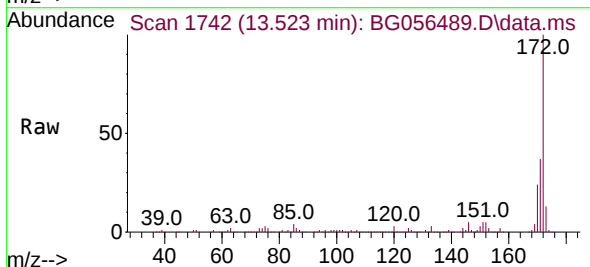
Manual Integrations  
APPROVED

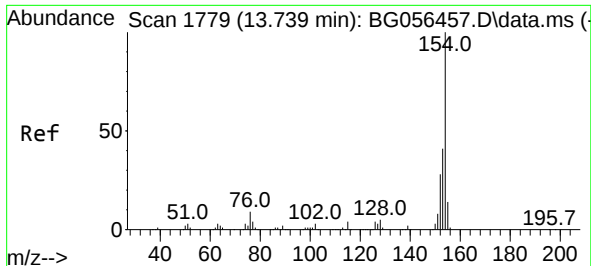
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#45  
2-Fluorobiphenyl  
Concen: 75.501 ng  
RT: 13.523 min Scan# 1742  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion:172 Resp: 625934  
Ion Ratio Lower Upper  
172 100  
171 36.9 29.5 44.3  
170 23.6 19.2 28.8





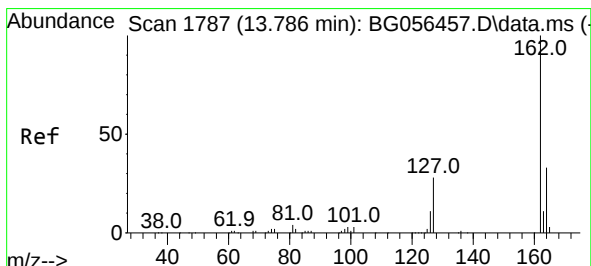
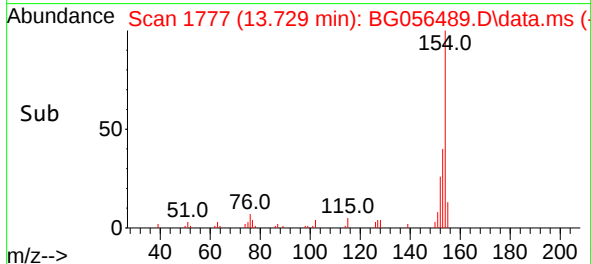
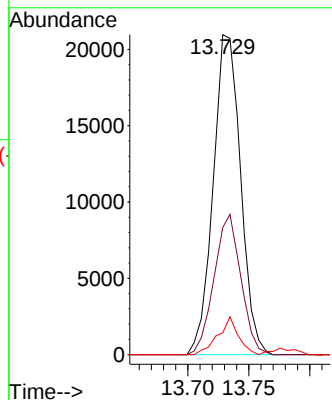
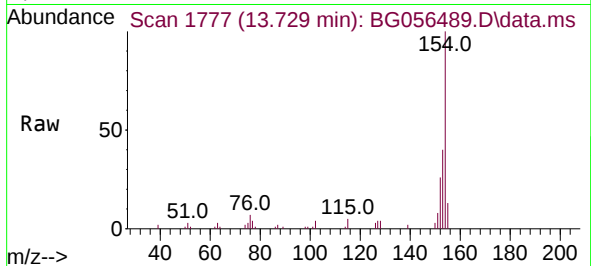
#46  
1,1'-Biphenyl  
Concen: 3.931 ng  
RT: 13.729 min Scan# 1779  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument : BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:154 Resp: 32775  
Ion Ratio Lower Upper  
154 100  
153 39.7 21.5 61.5  
76 6.8 0.0 28.8

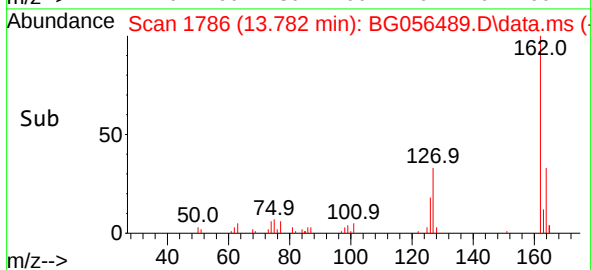
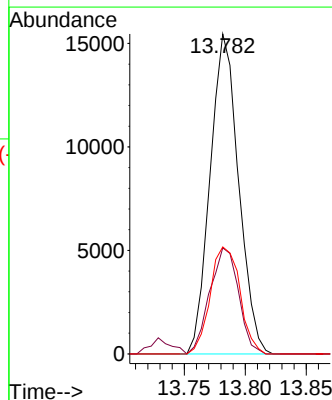
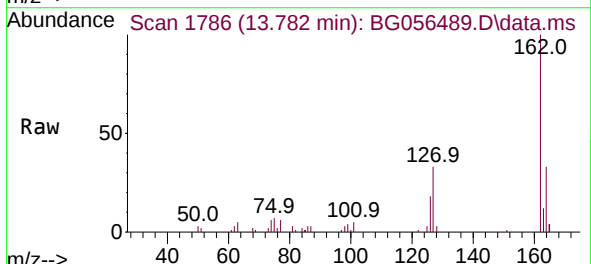
Manual Integrations  
APPROVED

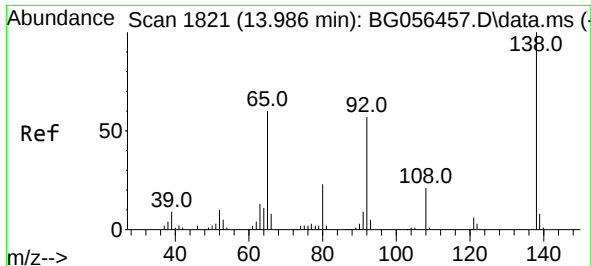
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#47  
2-Chloronaphthalene  
Concen: 3.849 ng  
RT: 13.782 min Scan# 1786  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

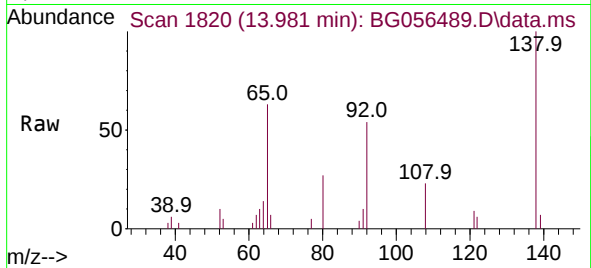
Tgt Ion:162 Resp: 25082  
Ion Ratio Lower Upper  
162 100  
127 33.1 25.2 37.8  
164 33.4 26.2 39.2





#48  
2-Nitroaniline  
Concen: 3.315 ng  
RT: 13.981 min Scan# 1821  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

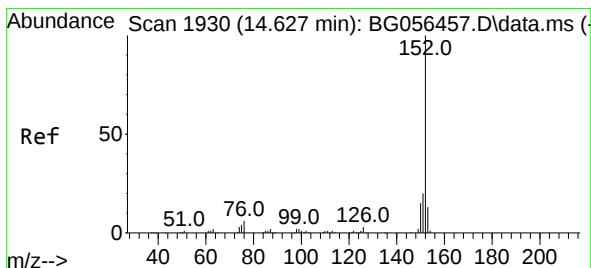
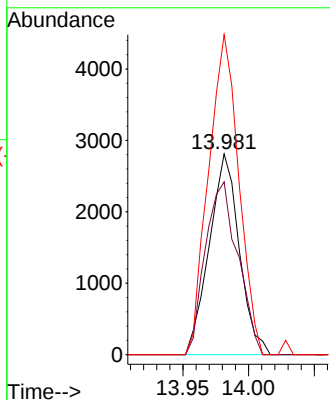
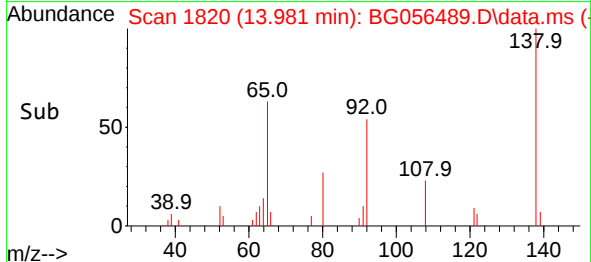
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 65 Resp: 4466  
Ion Ratio Lower Upper  
65 100  
92 86.1 75.8 113.6  
138 159.4 133.2 199.8

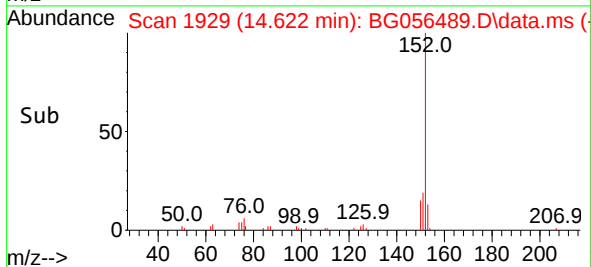
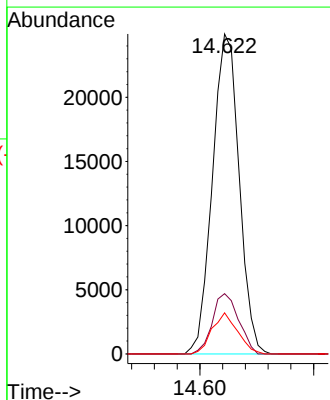
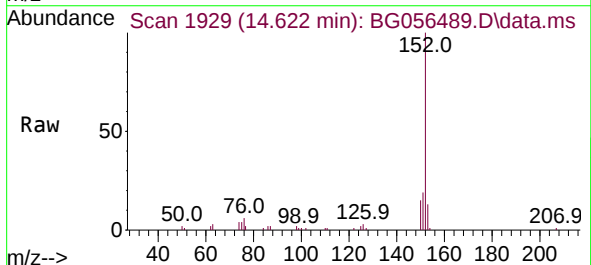
Manual Integrations  
APPROVED

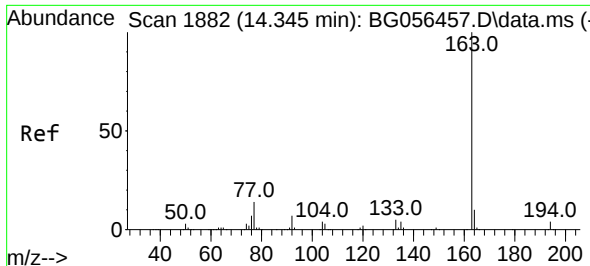
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#49  
Acenaphthylene  
Concen: 3.827 ng  
RT: 14.622 min Scan# 1929  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

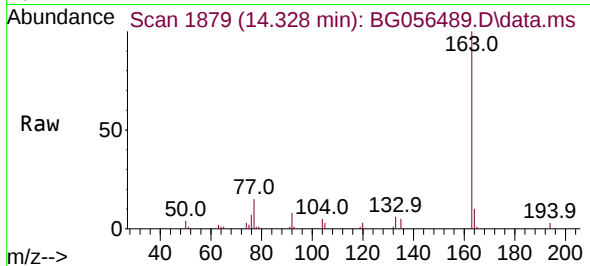
Tgt Ion:152 Resp: 40577  
Ion Ratio Lower Upper  
152 100  
151 18.8 15.9 23.9  
153 12.8 10.5 15.7





#50  
Dimethylphthalate  
Concen: 3.638 ng  
RT: 14.328 min Scan# 1882  
Delta R.T. -0.011 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

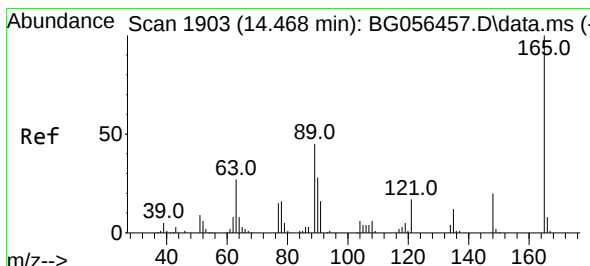
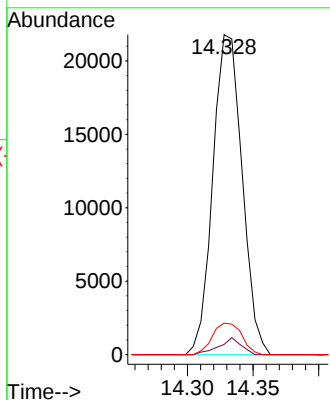
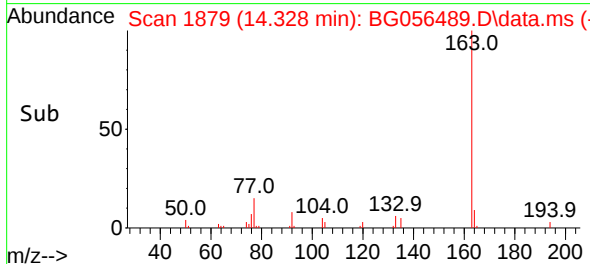
Instrument : BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:163 Resp: 3383  
Ion Ratio Lower Upper  
163 100  
194 3.2 3.5 5.3  
164 9.8 8.1 12.1

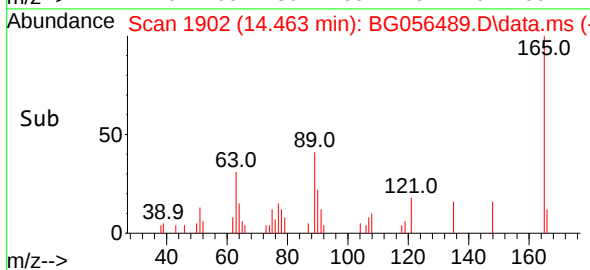
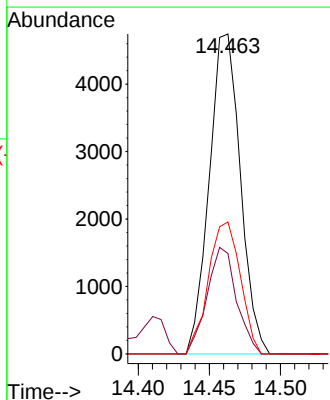
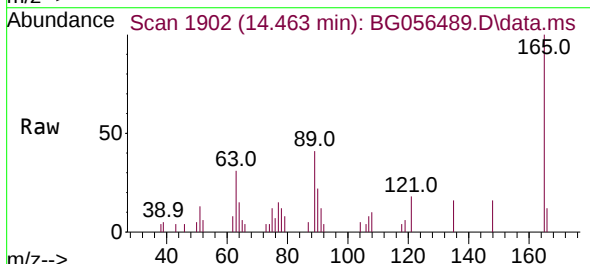
Manual Integrations  
APPROVED

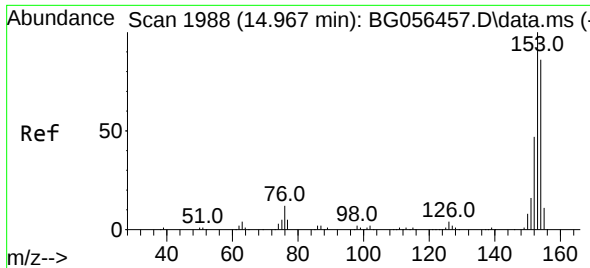
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#51  
2,6-Dinitrotoluene  
Concen: 3.563 ng  
RT: 14.463 min Scan# 1902  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

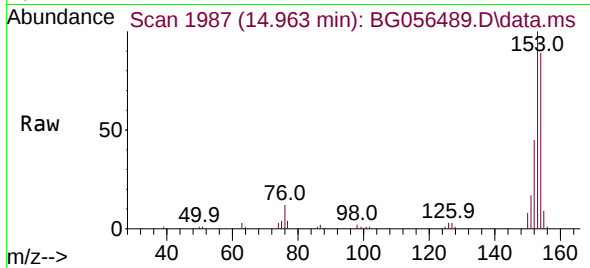
Tgt Ion:165 Resp: 7225  
Ion Ratio Lower Upper  
165 100  
63 31.4 26.9 40.3  
89 41.2 35.6 53.4





#52  
Acenaphthene  
Concen: 3.959 ng  
RT: 14.963 min Scan# 1988  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

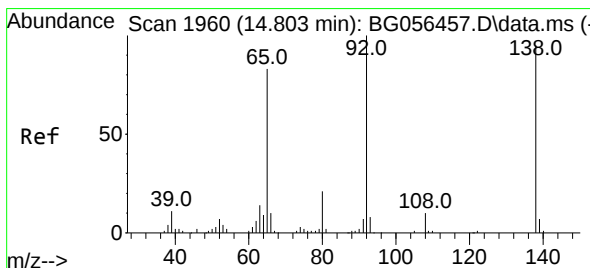
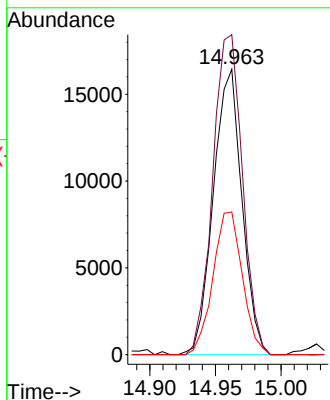
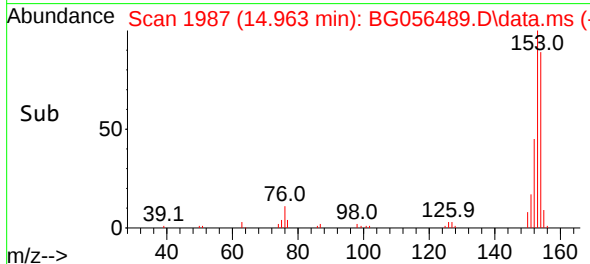
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:154 Resp: 24892  
Ion Ratio Lower Upper  
154 100  
153 112.2 93.4 140.0  
152 50.0 43.4 65.2

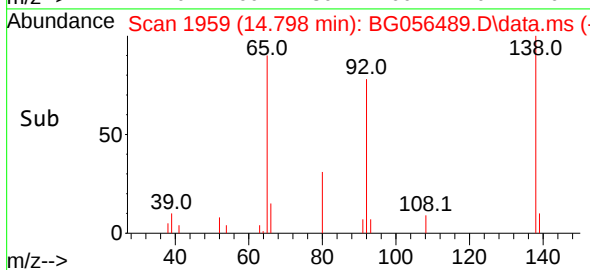
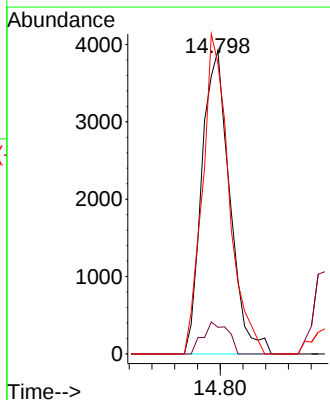
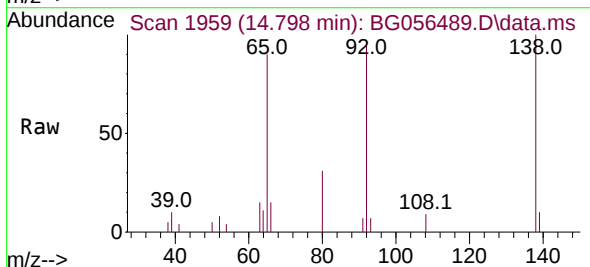
Manual Integrations  
APPROVED

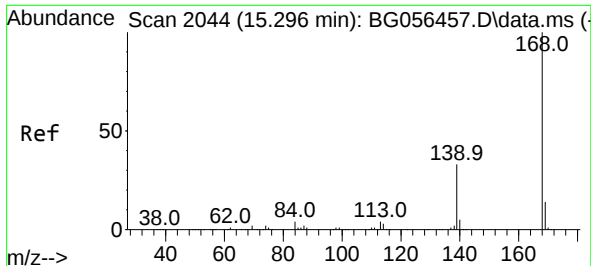
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#53  
3-Nitroaniline  
Concen: 3.395 ng  
RT: 14.798 min Scan# 1959  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

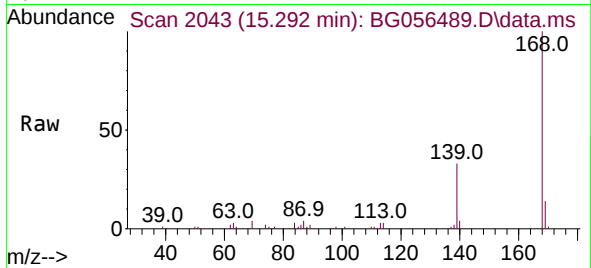
Tgt Ion:138 Resp: 6675  
Ion Ratio Lower Upper  
138 100  
108 8.8 8.0 12.0  
92 95.8 84.1 126.1





#55  
Dibenzofuran  
Concen: 3.775 ng  
RT: 15.292 min Scan# 2044  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

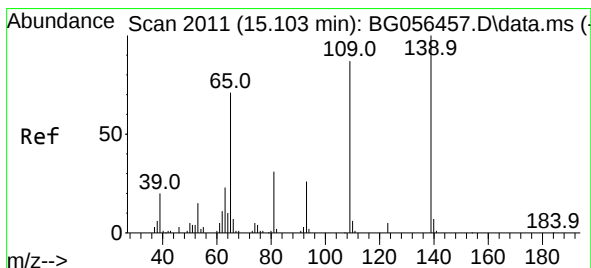
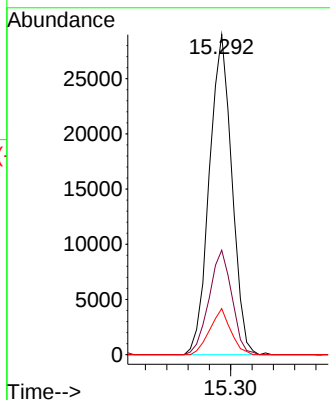
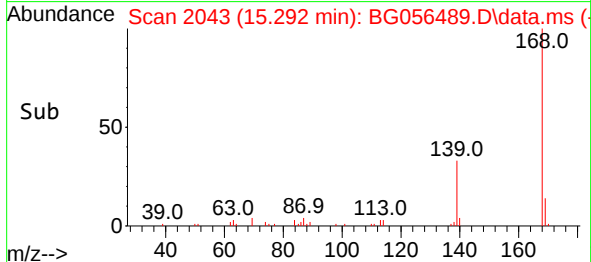
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:168 Resp: 42566  
Ion Ratio Lower Upper  
168 100  
139 32.6 26.2 39.2  
169 14.4 11.0 16.6

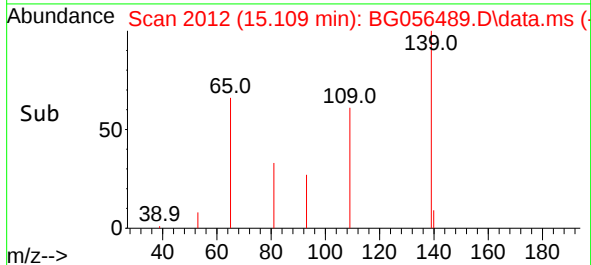
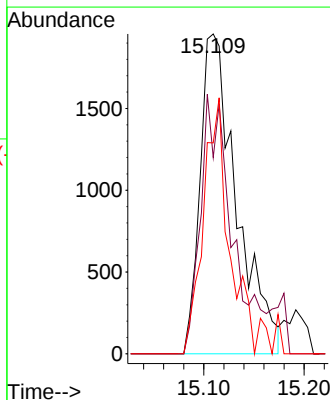
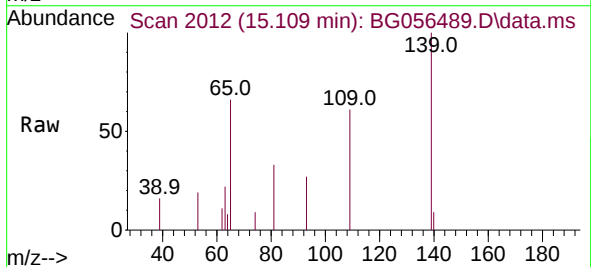
Manual Integrations  
APPROVED

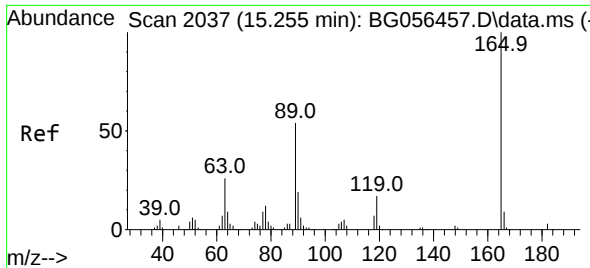
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#56  
4-Nitrophenol  
Concen: 3.677 ng  
RT: 15.109 min Scan# 2012  
Delta R.T. 0.013 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

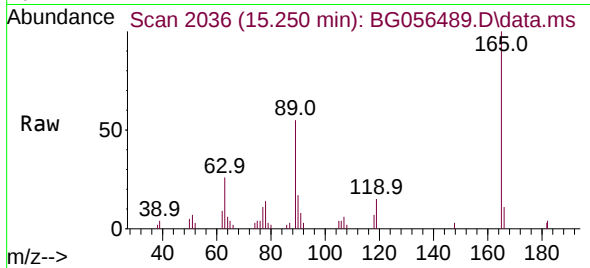
Tgt Ion:139 Resp: 4939  
Ion Ratio Lower Upper  
139 100  
109 61.3 67.5 107.5#  
65 65.9 50.7 90.7





#57  
2,4-Dinitrotoluene  
Concen: 3.837 ng  
RT: 15.250 min Scan# 2037  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

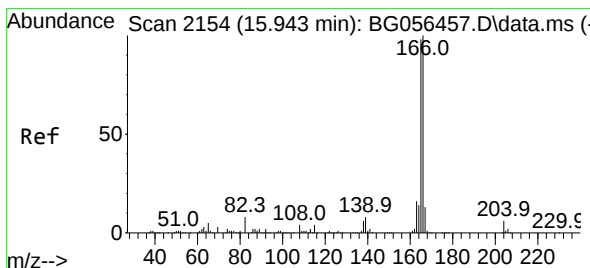
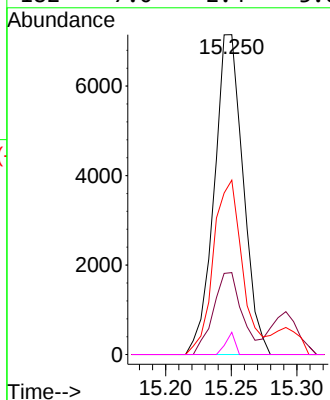
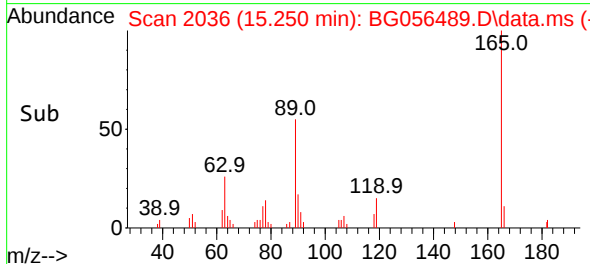
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:165 Resp: 10959  
Ion Ratio Lower Upper  
165 100  
63 25.6 20.6 31.0  
89 54.5 43.1 64.7  
182 7.0 2.4 3.6#

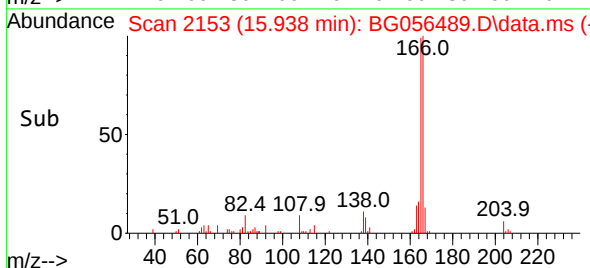
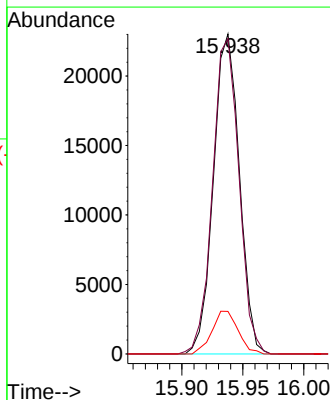
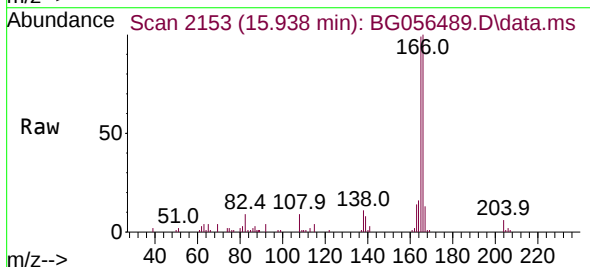
Manual Integrations  
APPROVED

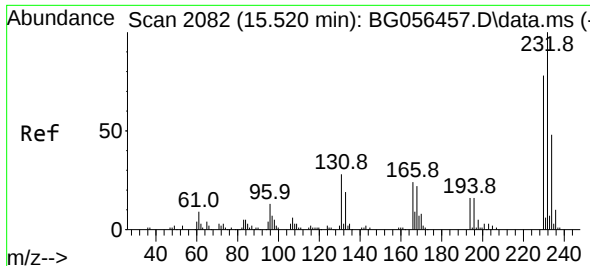
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#58  
Fluorene  
Concen: 3.801 ng  
RT: 15.938 min Scan# 2153  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

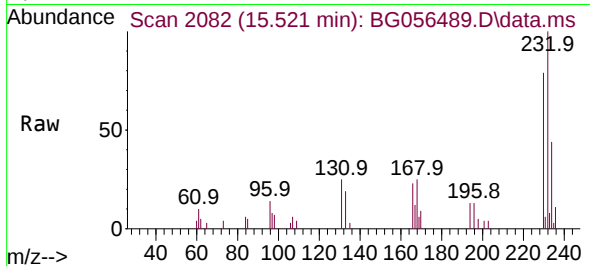
Tgt Ion:166 Resp: 34102  
Ion Ratio Lower Upper  
166 100  
165 98.5 78.8 118.2  
167 13.3 10.6 15.8





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.344 ng  
RT: 15.521 min Scan# 2082  
Delta R.T. 0.007 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

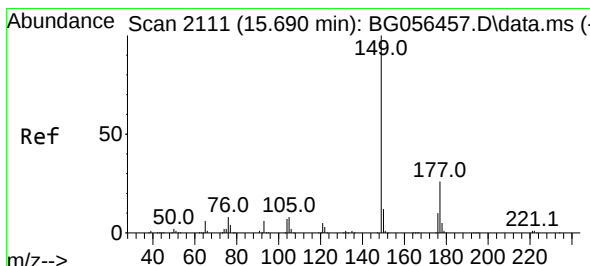
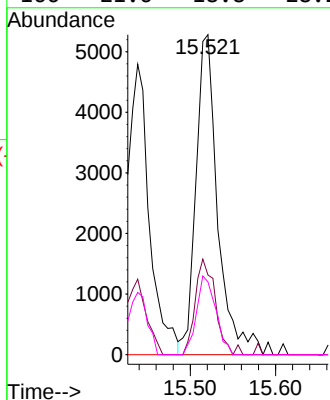
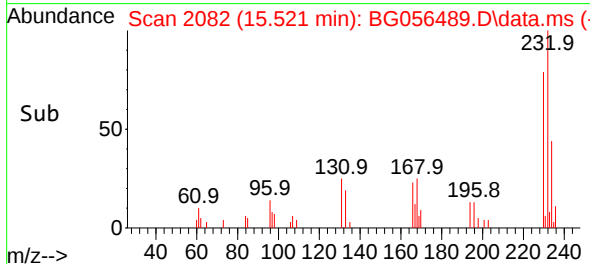
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



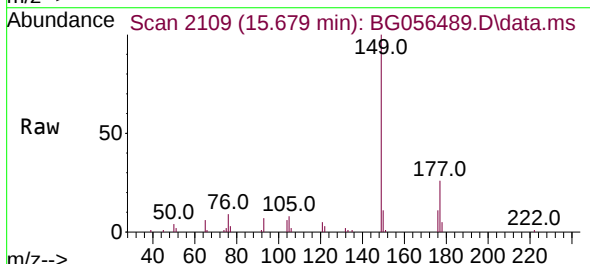
Tgt Ion:232 Resp: 9420  
Ion Ratio Lower Upper  
232 100  
131 27.5 22.8 34.2  
130 0.0 1.4 2.0  
166 21.6 18.8 28.2

Manual Integrations  
APPROVED

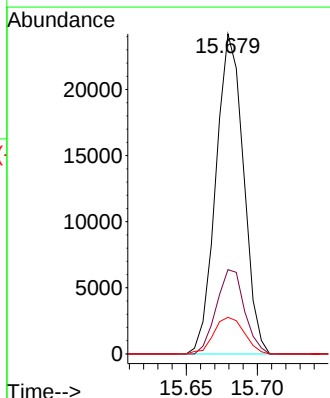
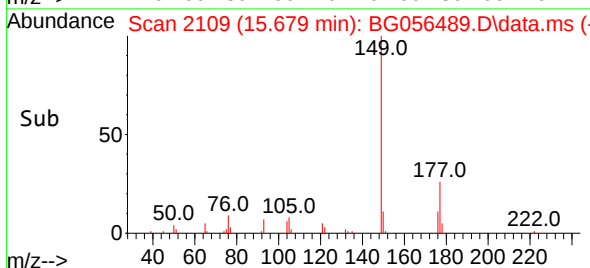
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

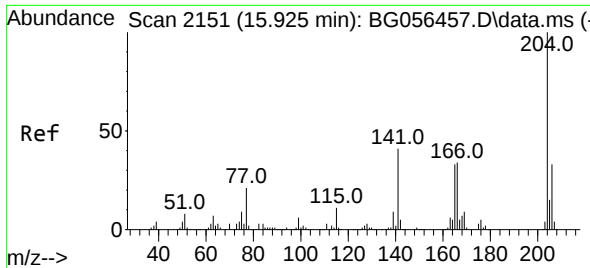


#60  
Diethylphthalate  
Concen: 3.741 ng  
RT: 15.679 min Scan# 2109  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34



Tgt Ion:149 Resp: 32668  
Ion Ratio Lower Upper  
149 100  
177 26.3 21.0 31.4  
150 11.4 9.9 14.9





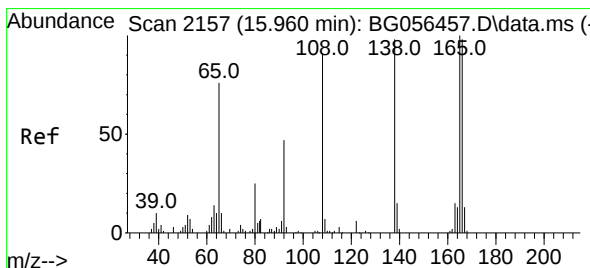
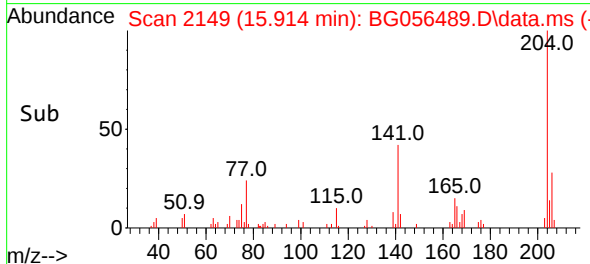
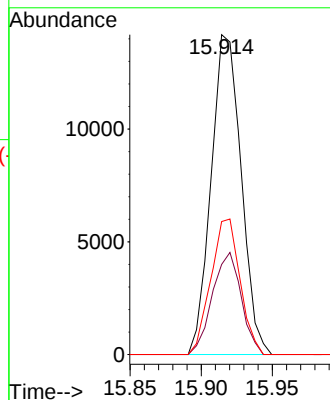
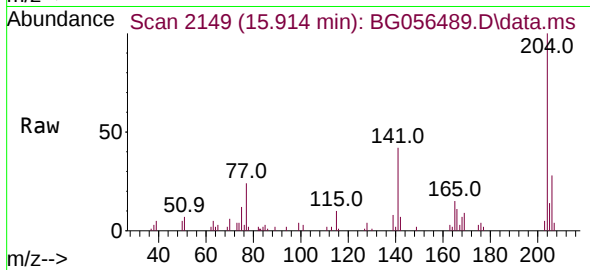
#61  
4-Chlorophenyl-phenylether  
Concen: 3.815 ng  
RT: 15.914 min Scan# 2151  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:204 Resp: 2088  
Ion Ratio Lower Upper  
204 100  
206 28.2 26.2 39.4  
141 41.6 32.7 49.1

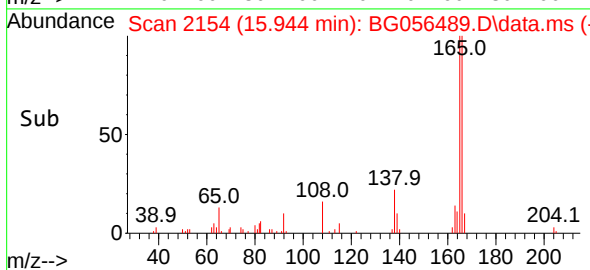
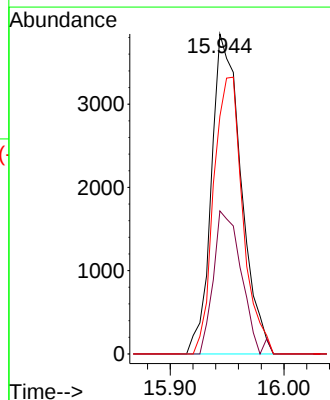
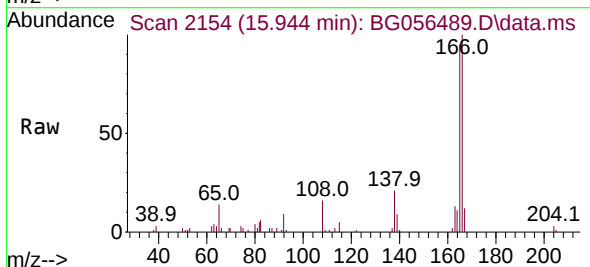
Manual Integrations  
APPROVED

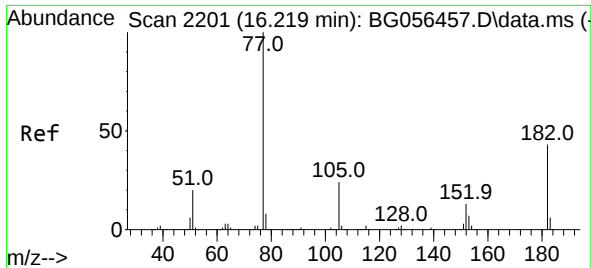
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#62  
4-Nitroaniline  
Concen: 3.541 ng  
RT: 15.944 min Scan# 2154  
Delta R.T. -0.017 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion:138 Resp: 6965  
Ion Ratio Lower Upper  
138 100  
92 44.7 27.8 67.8  
108 74.2 72.6 112.6





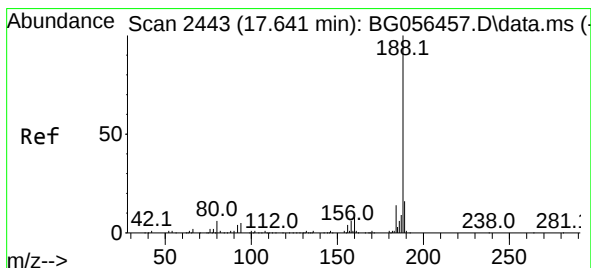
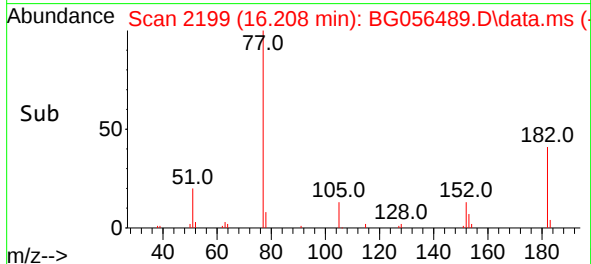
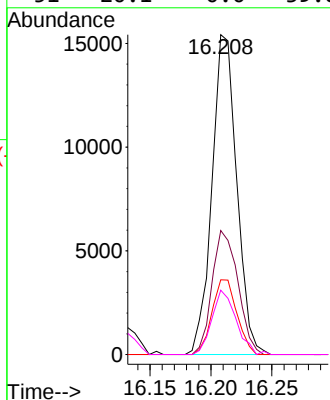
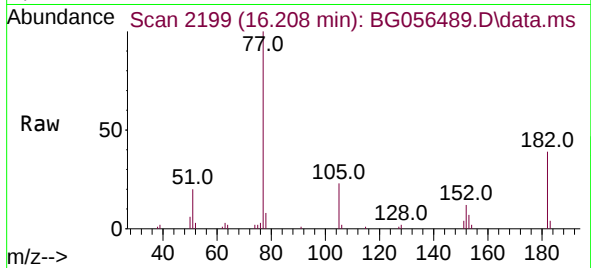
#63  
Azobenzene  
Concen: 3.633 ng  
RT: 16.208 min Scan# 2199  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 77 Resp: 21830  
Ion Ratio Lower Upper  
77 100  
182 38.8 23.1 63.1  
105 23.4 4.2 44.2  
51 20.1 0.0 39.8

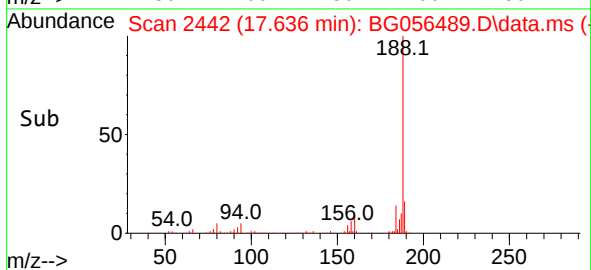
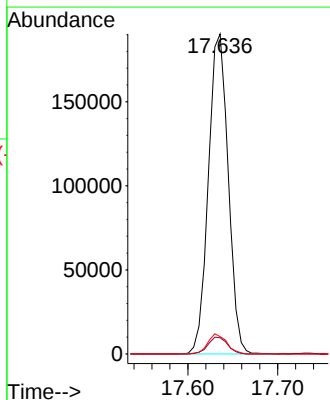
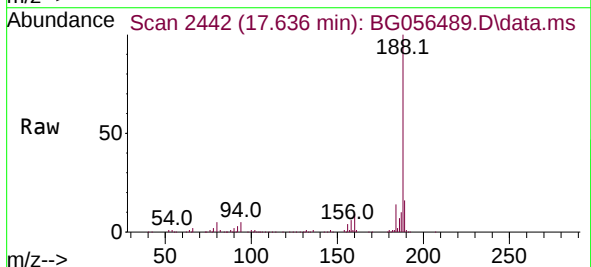
Manual Integrations  
APPROVED

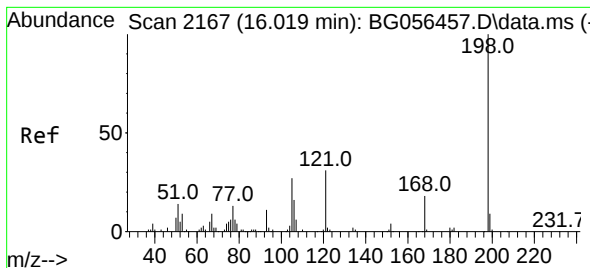
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.636 min Scan# 2442  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion:188 Resp: 291460  
Ion Ratio Lower Upper  
188 100  
94 5.0 4.1 6.1  
80 5.4 5.0 7.4





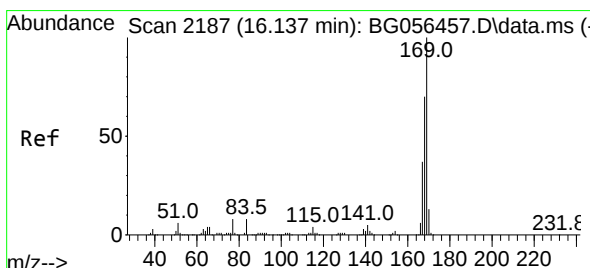
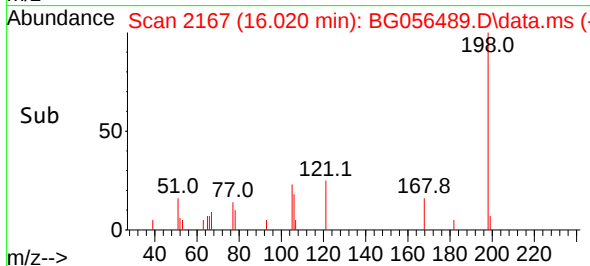
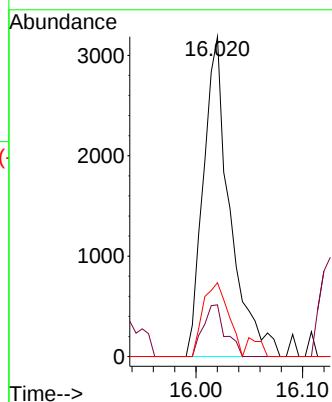
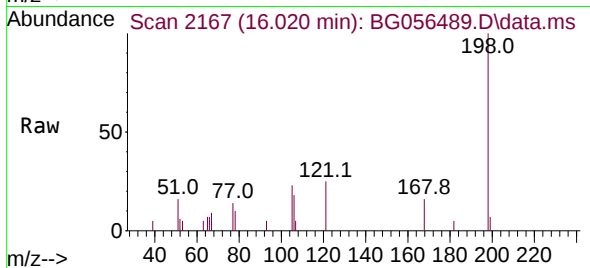
#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.691 ng  
RT: 16.020 min Scan# 2167  
Delta R.T. 0.007 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:198 Resp: 5514  
Ion Ratio Lower Upper  
198 100  
51 16.2 0.0 35.0  
105 23.1 7.4 47.4

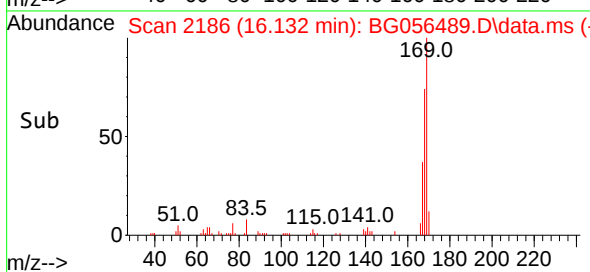
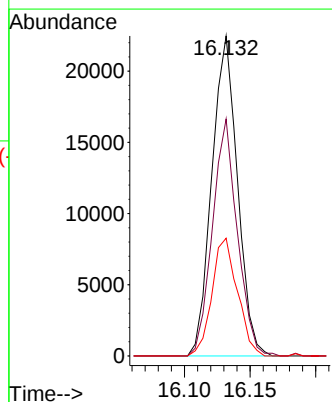
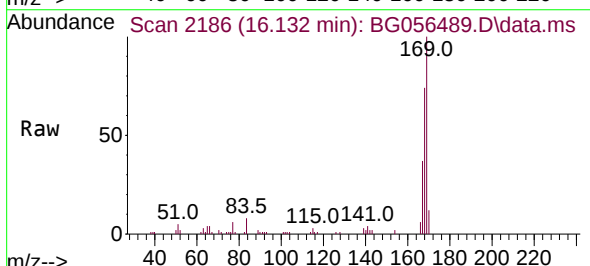
Manual Integrations  
APPROVED

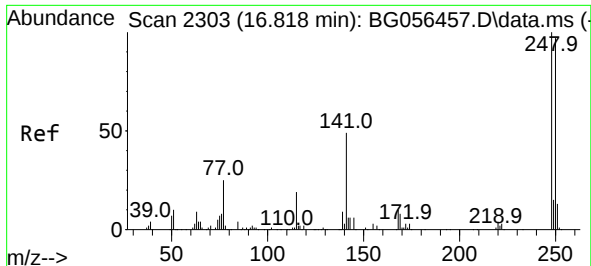
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#66  
n-Nitrosodiphenylamine  
Concen: 3.698 ng  
RT: 16.132 min Scan# 2186  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

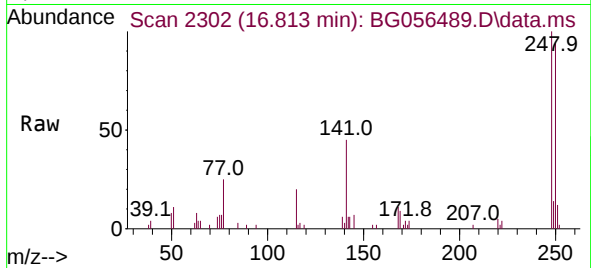
Tgt Ion:169 Resp: 30515  
Ion Ratio Lower Upper  
169 100  
168 74.0 55.8 83.6  
167 36.8 29.8 44.8





#67  
4-Bromophenyl-phenylether  
Concen: 3.646 ng  
RT: 16.813 min Scan# 2303  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

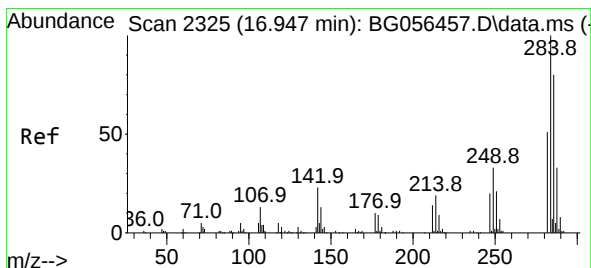
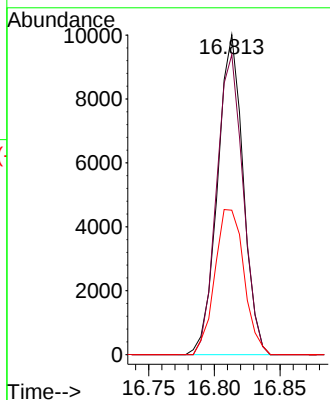
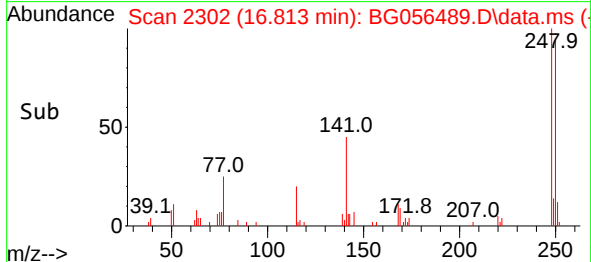
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



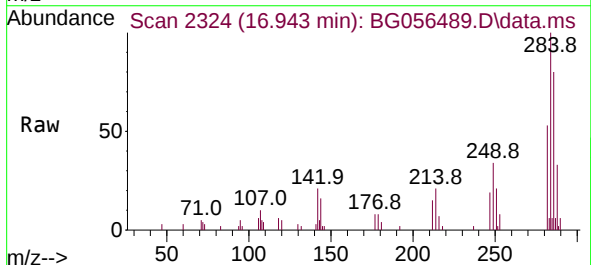
Tgt Ion:248 Resp: 13603  
Ion Ratio Lower Upper  
248 100  
250 93.7 77.6 116.4  
141 45.1 39.0 58.4

Manual Integrations  
APPROVED

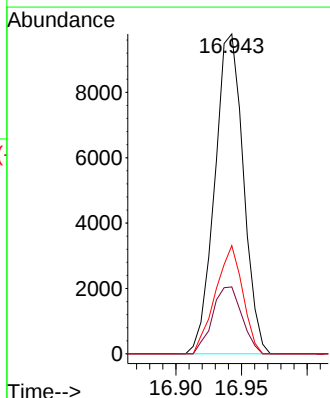
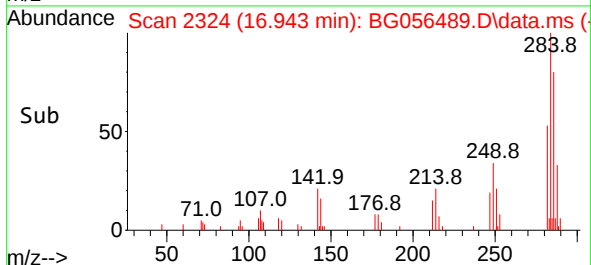
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

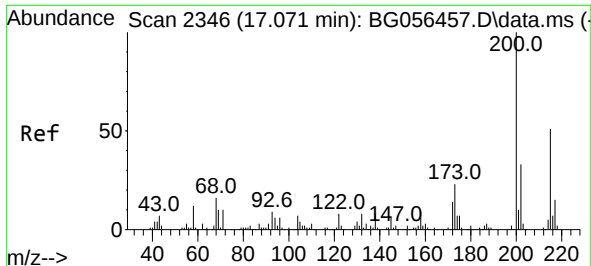


#68  
Hexachlorobenzene  
Concen: 4.066 ng  
RT: 16.943 min Scan# 2324  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34



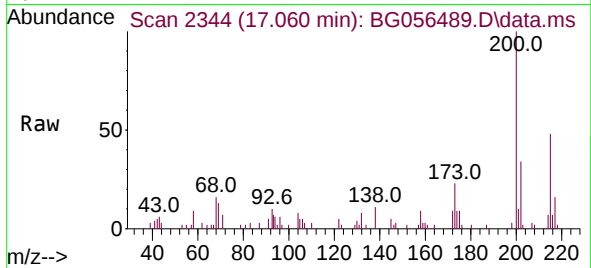
Tgt Ion:284 Resp: 14858  
Ion Ratio Lower Upper  
284 100  
142 20.9 18.0 27.0  
249 33.8 26.7 40.1





#69  
 Atrazine  
 Concen: 4.149 ng  
 RT: 17.060 min Scan# 2344  
 Delta R.T. -0.011 min  
 Lab File: BG056489.D  
 Acq: 31 Jan 2023 17:34

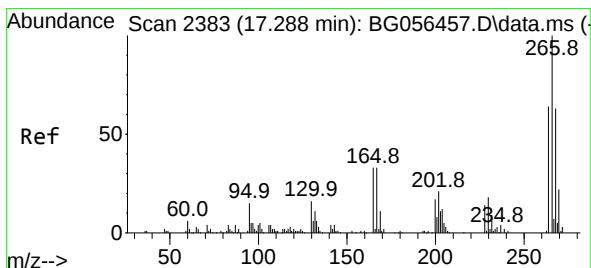
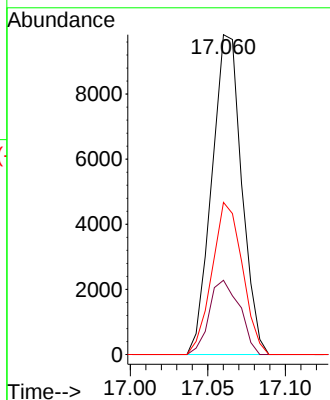
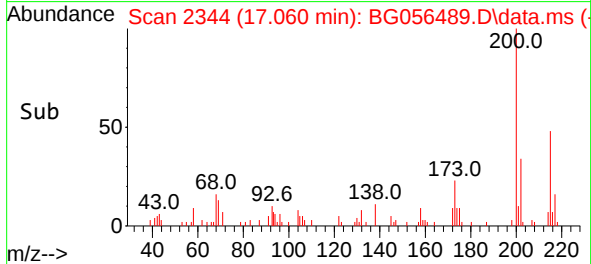
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2022



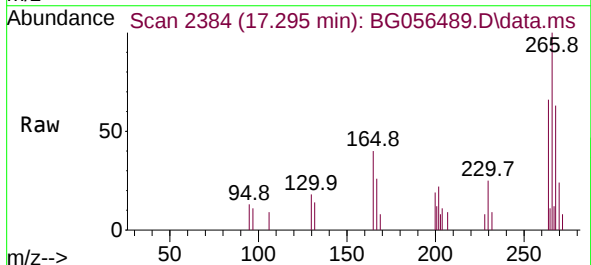
Tgt Ion:200 Resp: 13209  
 Ion Ratio Lower Upper  
 200 100  
 173 23.2 3.2 43.2  
 215 47.6 30.7 70.7

Manual Integrations  
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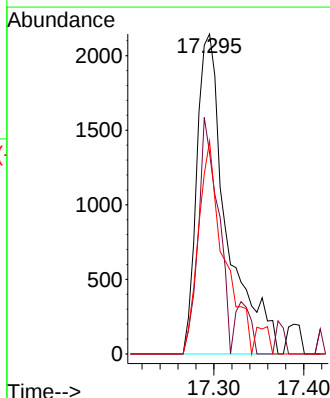
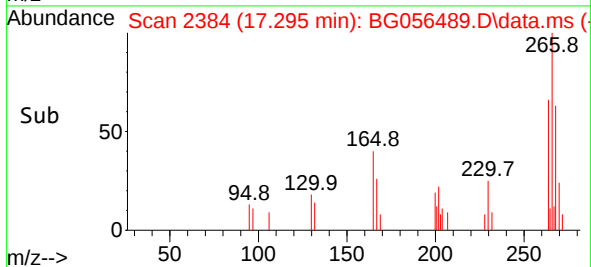
Reviewed By :Christian Giraldo 02/01/2023  
 Supervised By :Jagrut Upadhyay 02/01/2023

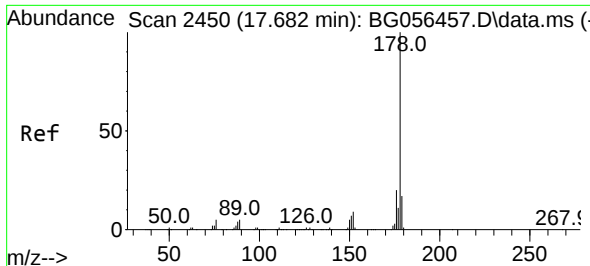


#70  
 Pentachlorophenol  
 Concen: 2.258 ng  
 RT: 17.295 min Scan# 2384  
 Delta R.T. 0.013 min  
 Lab File: BG056489.D  
 Acq: 31 Jan 2023 17:34



Tgt Ion:266 Resp: 4994  
 Ion Ratio Lower Upper  
 266 100  
 268 62.9 50.2 75.4  
 264 77.4 51.4 77.0#





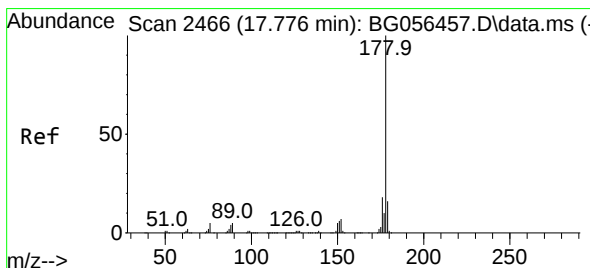
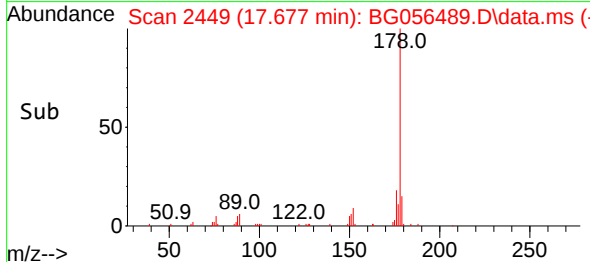
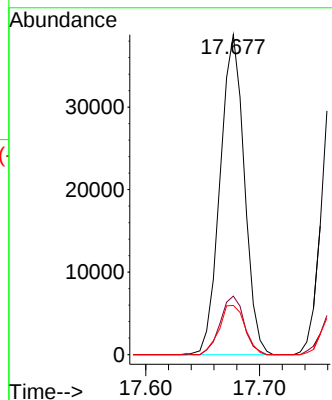
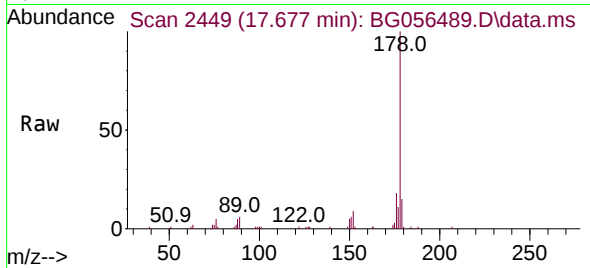
#71  
Phenanthrene  
Concen: 3.756 ng  
RT: 17.677 min Scan# 2449  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:178 Resp: 57292  
Ion Ratio Lower Upper  
178 100  
176 18.3 15.6 23.4  
179 15.4 13.3 19.9

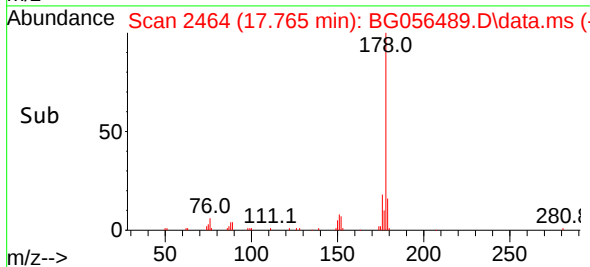
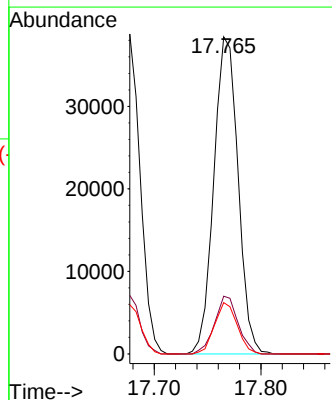
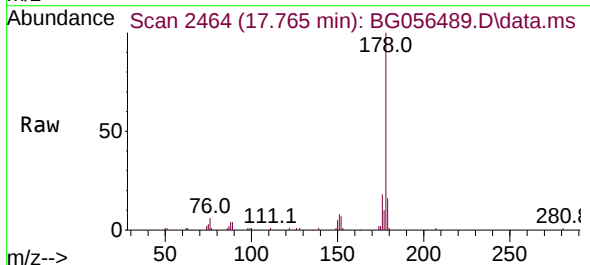
Manual Integrations  
APPROVED

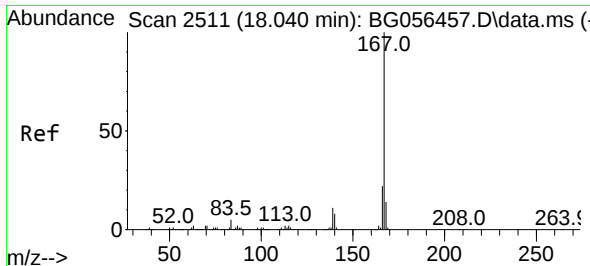
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#72  
Anthracene  
Concen: 3.888 ng  
RT: 17.765 min Scan# 2464  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

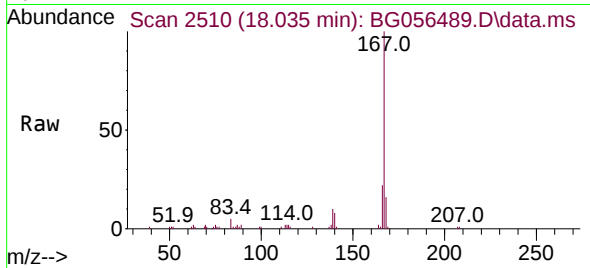
Tgt Ion:178 Resp: 60887  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.5 21.7  
179 16.2 12.5 18.7





#73  
Carbazole  
Concen: 3.787 ng  
RT: 18.035 min Scan# 2511  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

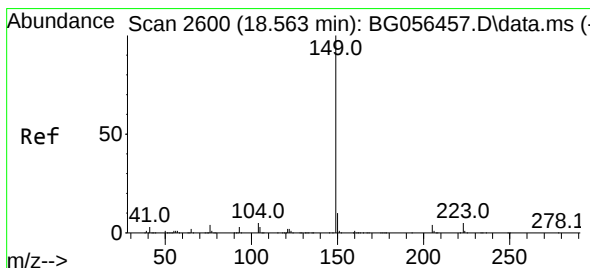
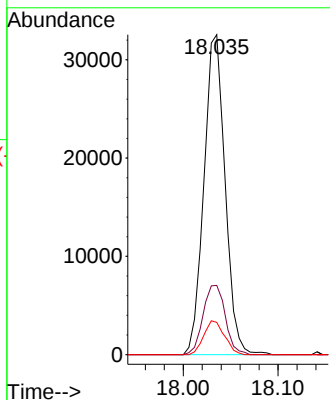
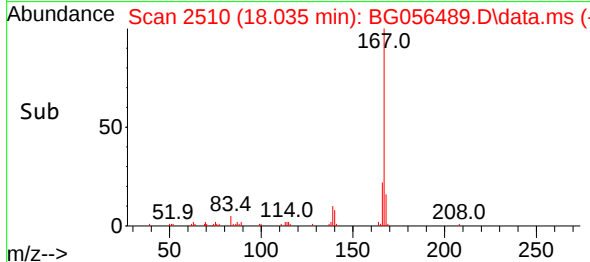
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



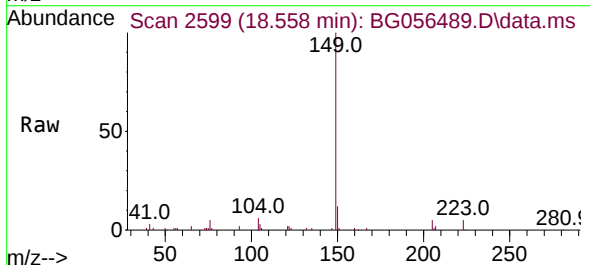
Tgt Ion:167 Resp: 50503  
Ion Ratio Lower Upper  
167 100  
166 21.6 17.8 26.6  
139 10.1 8.9 13.3

Manual Integrations  
APPROVED

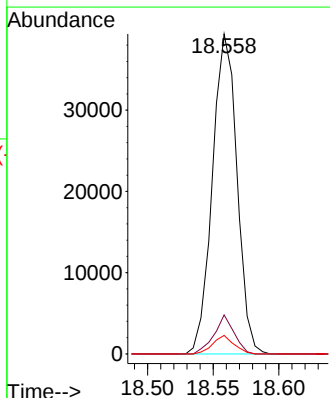
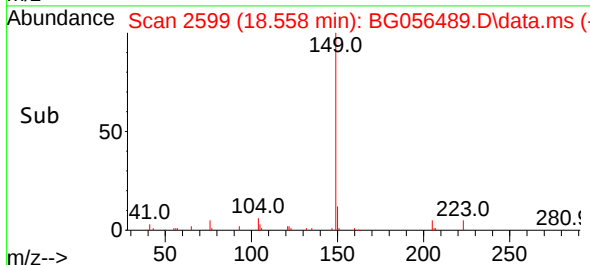
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

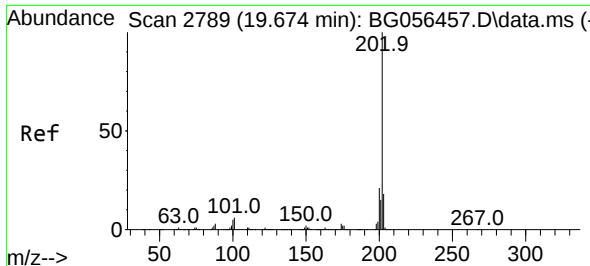


#74  
Di-n-butylphthalate  
Concen: 3.677 ng  
RT: 18.558 min Scan# 2599  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34



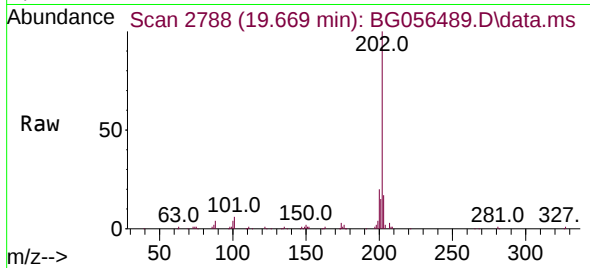
Tgt Ion:149 Resp: 51486  
Ion Ratio Lower Upper  
149 100  
150 12.2 7.8 11.6#  
104 5.8 4.0 6.0





#75  
Fluoranthene  
Concen: 3.883 ng  
RT: 19.669 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

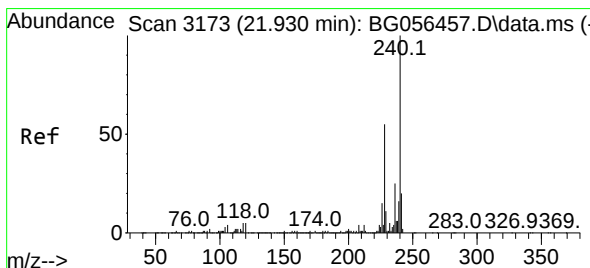
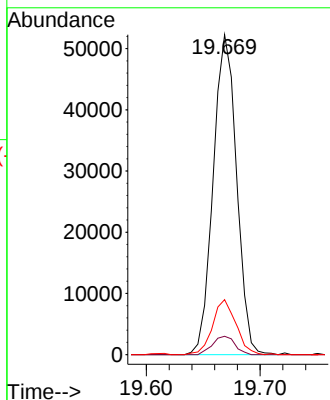
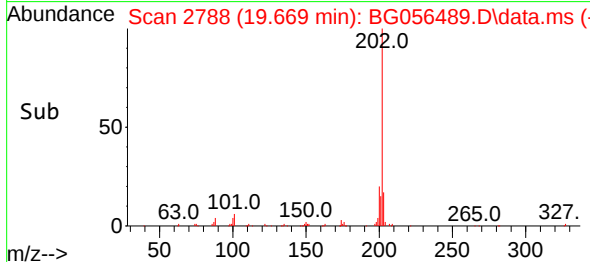
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:202 Resp: 74753  
Ion Ratio Lower Upper  
202 100  
101 5.7 0.0 25.6  
203 17.2 0.0 38.1

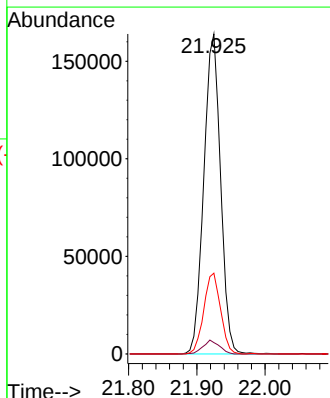
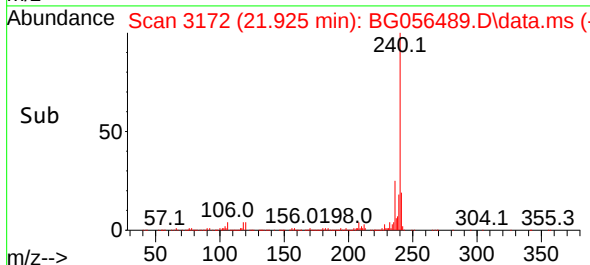
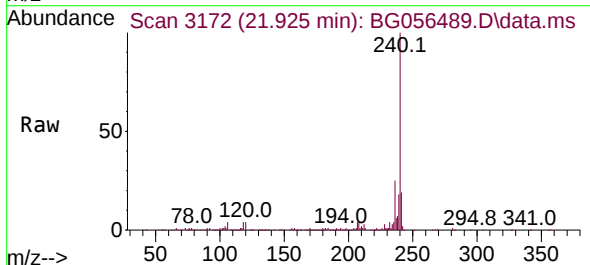
Manual Integrations  
APPROVED

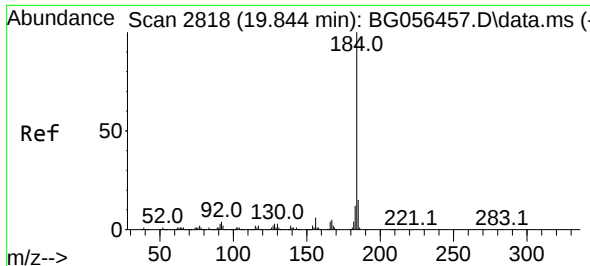
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.925 min Scan# 3172  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Tgt Ion:240 Resp: 279690  
Ion Ratio Lower Upper  
240 100  
120 3.6 3.8 5.8#  
236 25.2 20.2 30.2





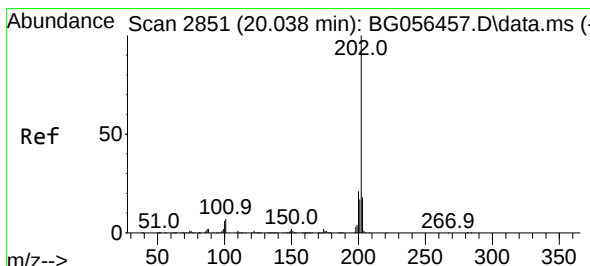
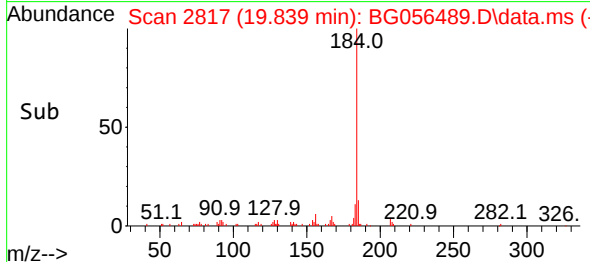
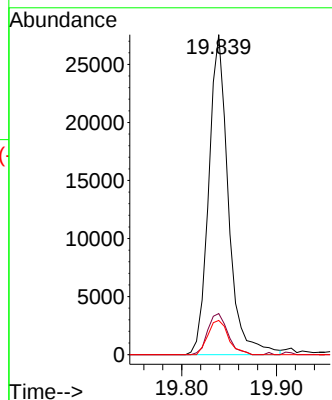
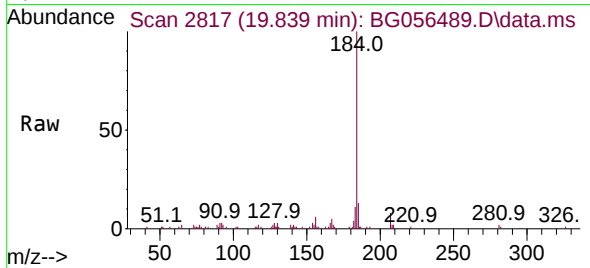
#77  
Benzidine  
Concen: 5.244 ng  
RT: 19.839 min Scan# 2817  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:184 Resp: 39690  
Ion Ratio Lower Upper  
184 100  
185 12.8 12.3 18.5  
183 10.7 9.8 14.8

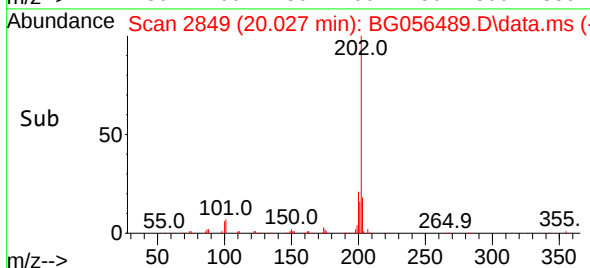
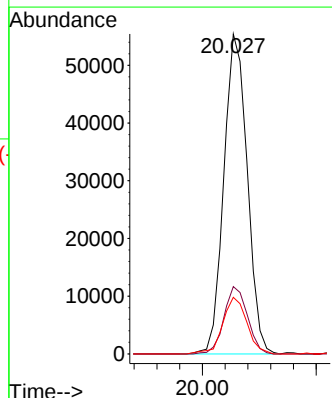
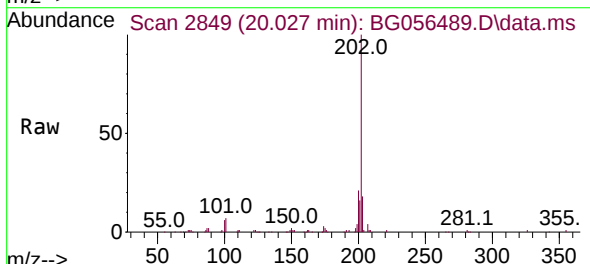
Manual Integrations  
APPROVED

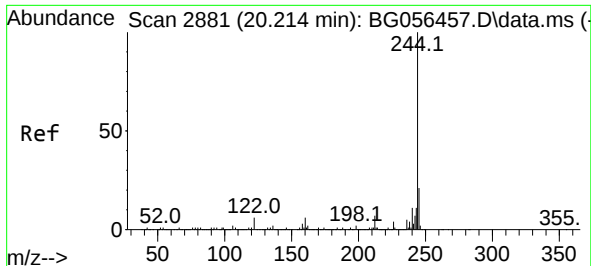
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#78  
Pyrene  
Concen: 3.970 ng  
RT: 20.027 min Scan# 2849  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

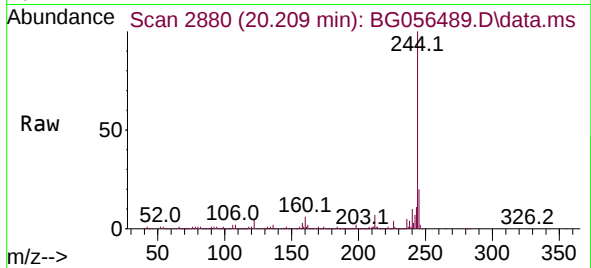
Tgt Ion:202 Resp: 78979  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.7 25.1  
203 17.7 14.4 21.6





#79  
Terphenyl-d14  
Concen: 73.289 ng  
RT: 20.209 min Scan# 2880  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

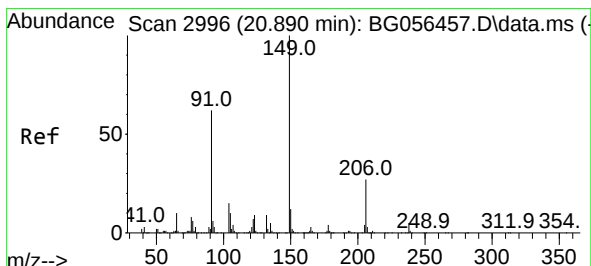
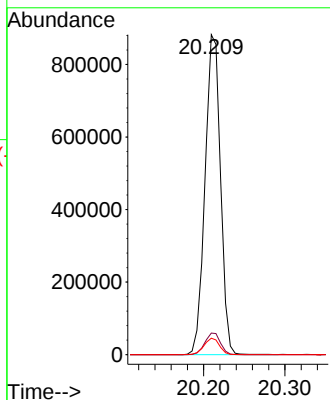
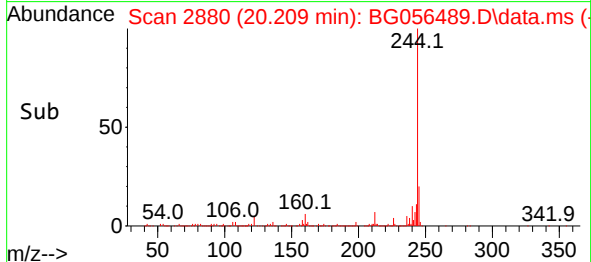
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:244 Resp: 1167086  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.5 8.3  
122 5.1 4.4 6.6

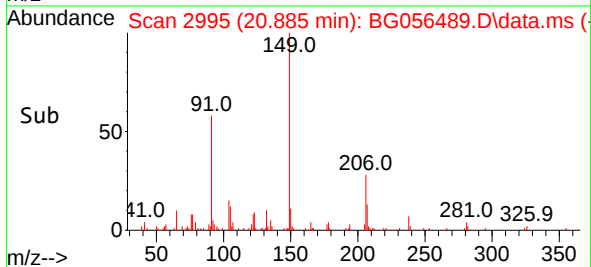
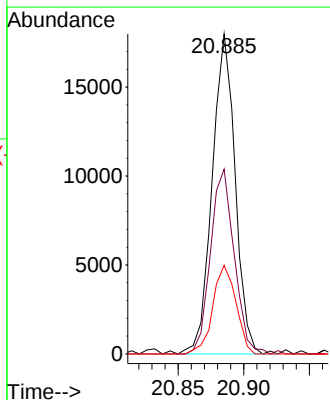
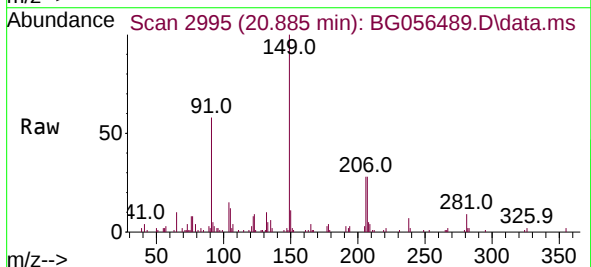
Manual Integrations  
APPROVED

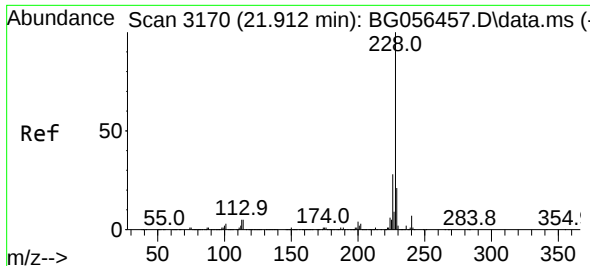
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#80  
Butylbenzylphthalate  
Concen: 3.613 ng  
RT: 20.885 min Scan# 2995  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

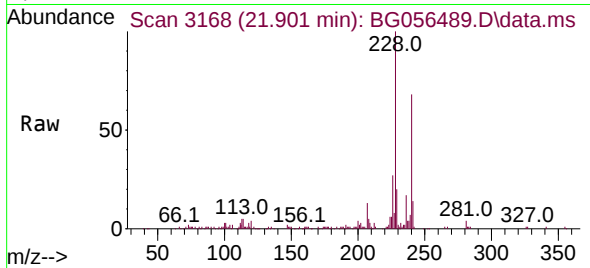
Tgt Ion:149 Resp: 21948  
Ion Ratio Lower Upper  
149 100  
91 57.7 49.4 74.0  
206 27.7 22.0 33.0





#81  
Benzo(a)anthracene  
Concen: 3.783 ng  
RT: 21.901 min Scan# 3168  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

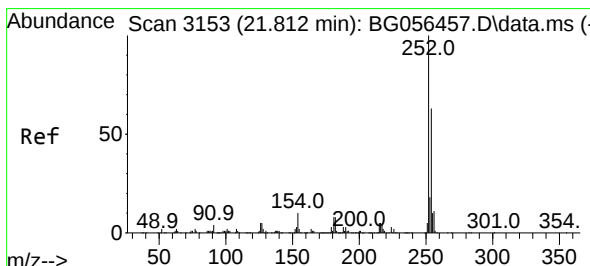
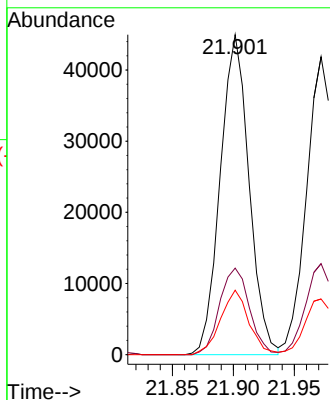
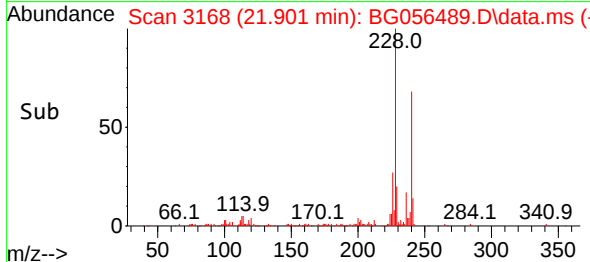
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:228 Resp: 73976  
Ion Ratio Lower Upper  
228 100  
226 27.0 22.4 33.6  
229 20.1 16.5 24.7

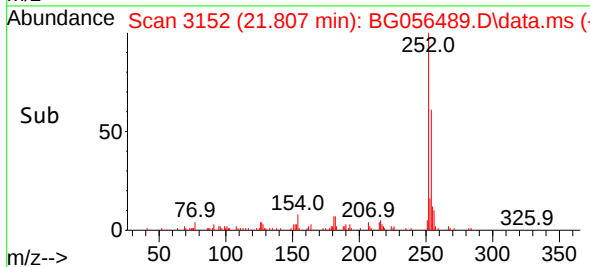
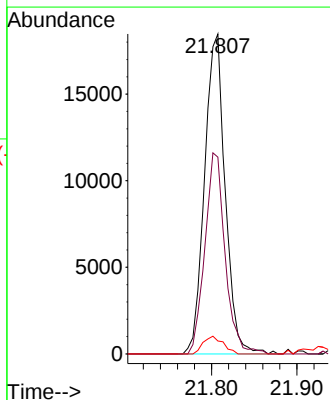
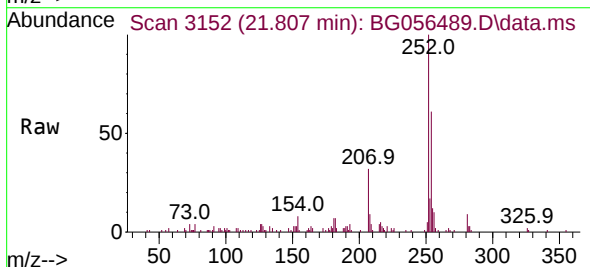
Manual Integrations  
APPROVED

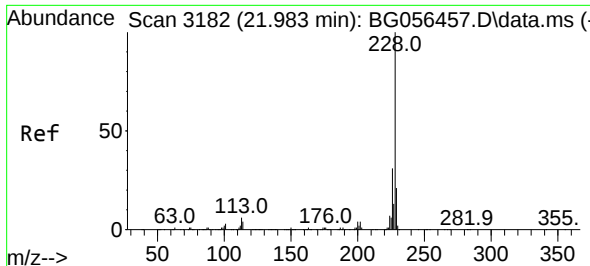
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 4.401 ng  
RT: 21.807 min Scan# 3152  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

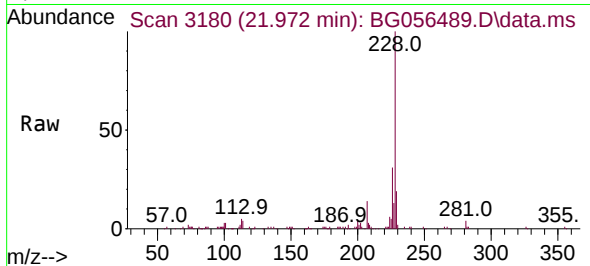
Tgt Ion:252 Resp: 30992  
Ion Ratio Lower Upper  
252 100  
254 61.5 50.0 75.0  
126 4.0 4.3 6.5





#83  
Chrysene  
Concen: 3.738 ng  
RT: 21.972 min Scan# 3182  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

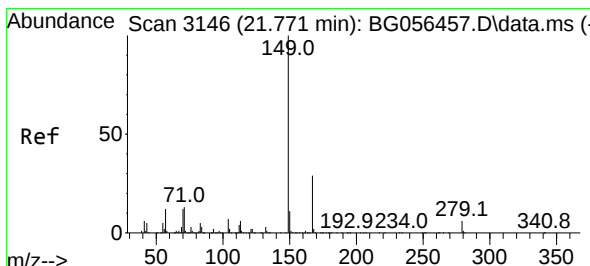
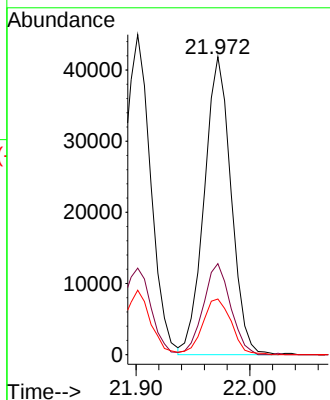
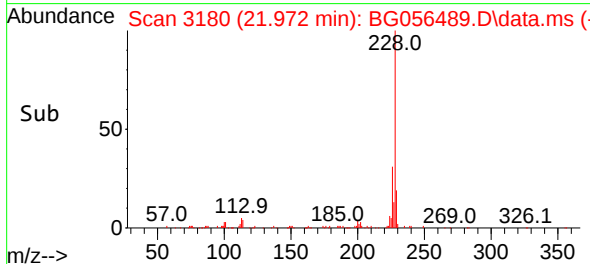
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion:228 Resp: 68676  
Ion Ratio Lower Upper  
228 100  
226 30.5 25.0 37.4  
229 18.6 16.4 24.6

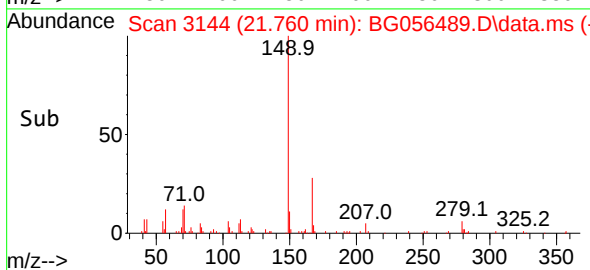
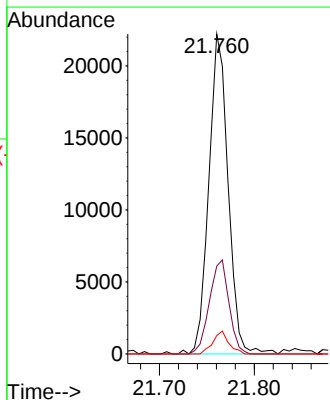
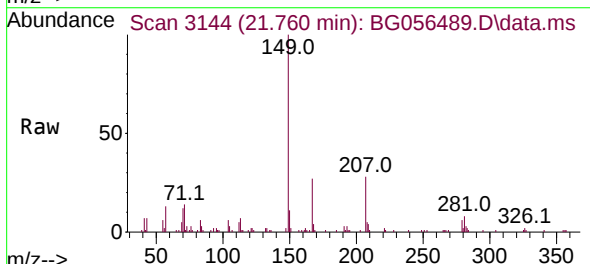
Manual Integrations  
APPROVED

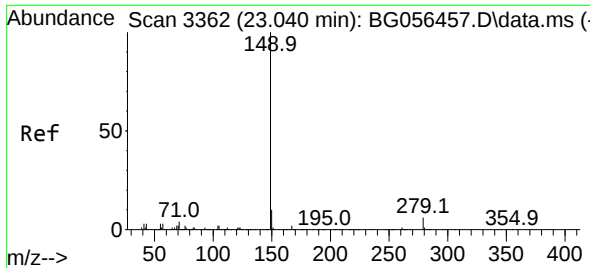
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.606 ng  
RT: 21.760 min Scan# 3144  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

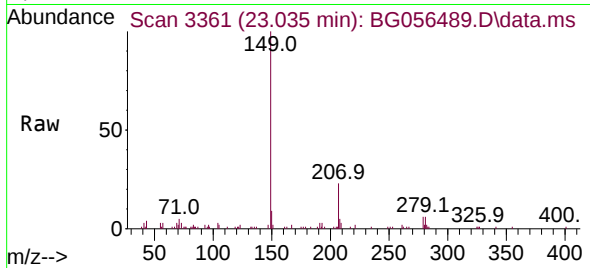
Tgt Ion:149 Resp: 31408  
Ion Ratio Lower Upper  
149 100  
167 27.4 23.4 35.2  
279 5.7 4.4 6.6





#85  
Di-n-octyl phthalate  
Concen: 3.653 ng  
RT: 23.035 min Scan# 3362  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

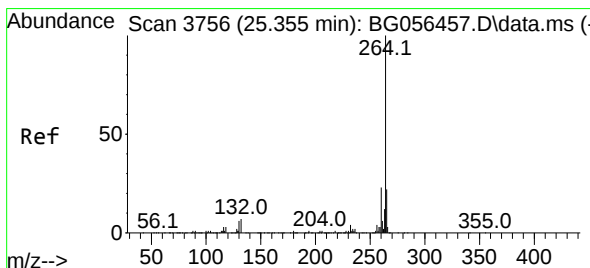
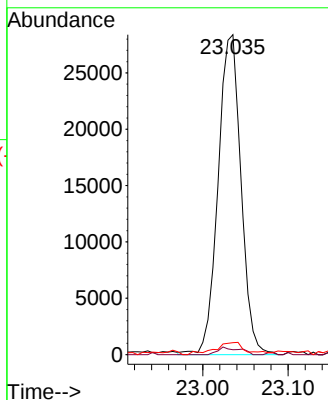
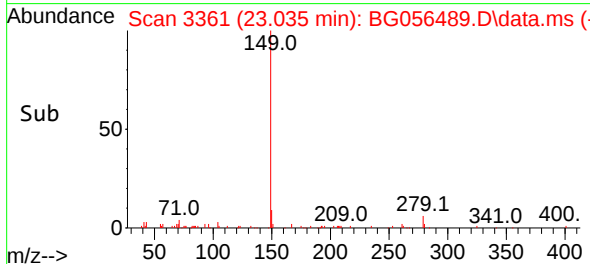
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:149 Resp: 52994  
Ion Ratio Lower Upper  
149 100  
167 2.2 1.4 2.0  
43 4.8 2.7 4.1

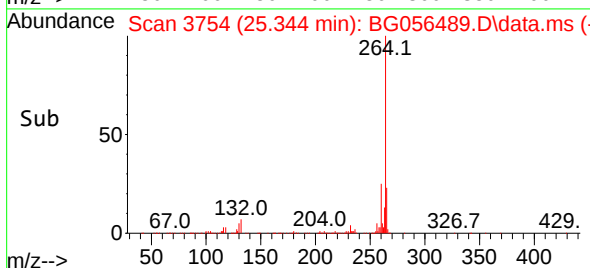
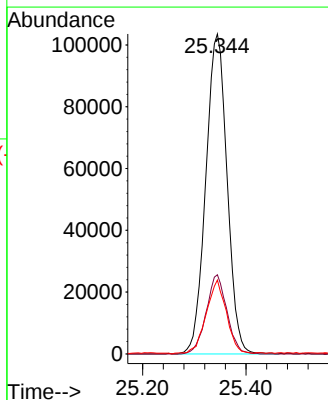
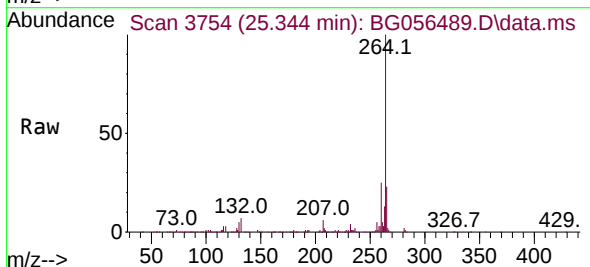
Manual Integrations  
APPROVED

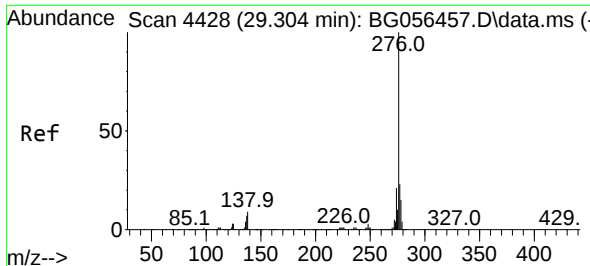
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.344 min Scan# 3754  
Delta R.T. 0.001 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

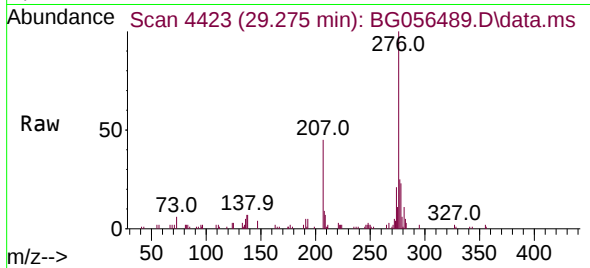
Tgt Ion:264 Resp: 296853  
Ion Ratio Lower Upper  
264 100  
260 24.7 18.2 27.4  
265 23.1 18.1 27.1





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 3.740 ng  
 RT: 29.275 min Scan# 4428  
 Delta R.T. -0.005 min  
 Lab File: BG056489.D  
 Acq: 31 Jan 2023 17:34

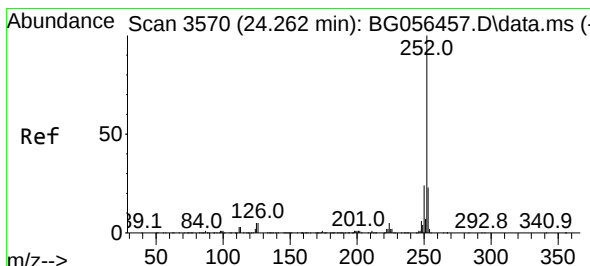
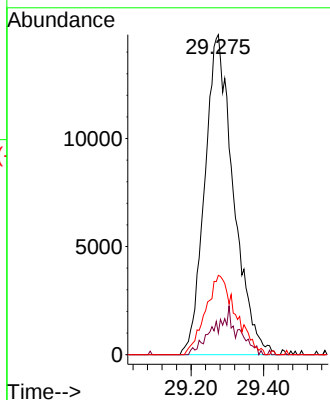
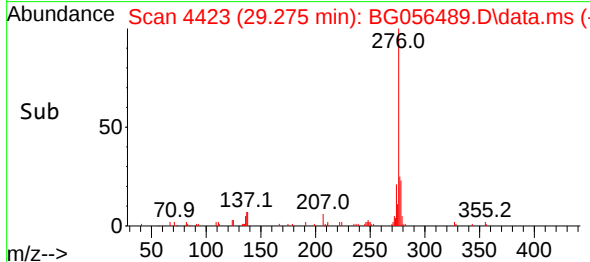
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2022



Tgt Ion:276 Resp: 81280  
 Ion Ratio Lower Upper  
 276 100  
 138 4.6 9.4 14.2  
 277 26.2 20.3 30.5

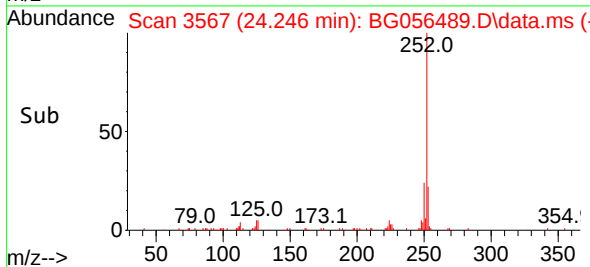
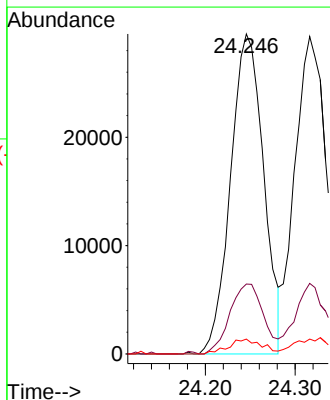
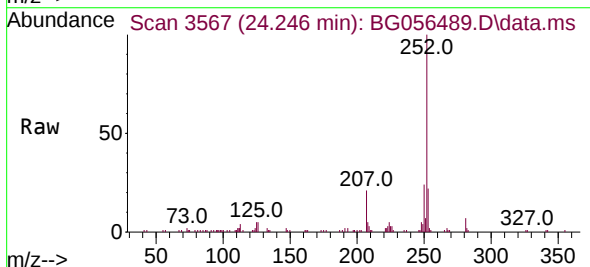
Manual Integrations  
 APPROVED

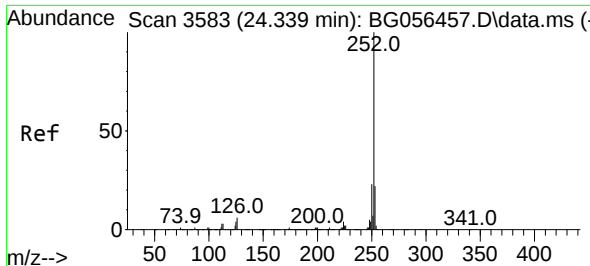
Reviewed By :Christian Giraldo 02/01/2023  
 Supervised By :Jagrut Upadhyay 02/01/2023



#88  
 Benzo(b)fluoranthene  
 Concen: 4.108 ng  
 RT: 24.246 min Scan# 3567  
 Delta R.T. -0.005 min  
 Lab File: BG056489.D  
 Acq: 31 Jan 2023 17:34

Tgt Ion:252 Resp: 75693  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 18.1 27.1  
 125 4.6 3.9 5.9





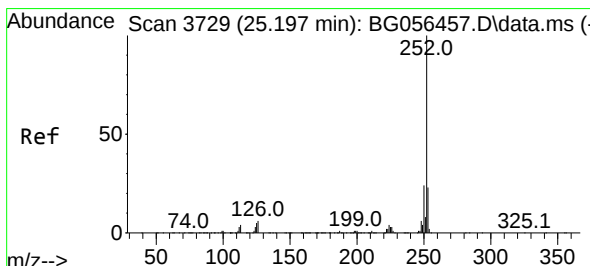
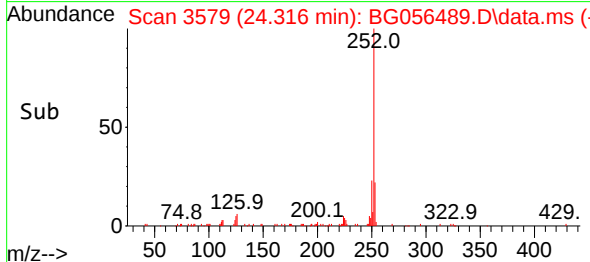
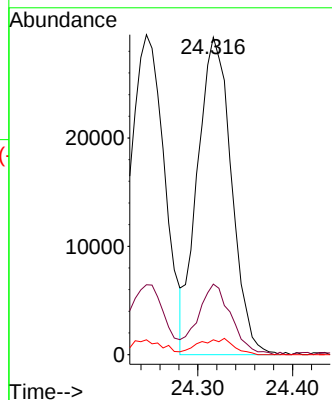
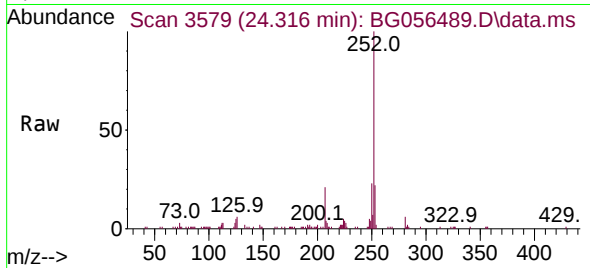
#89  
Benzo(k)fluoranthene  
Concen: 3.916 ng  
RT: 24.316 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:252 Resp: 72849  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 4.7 3.4 5.0

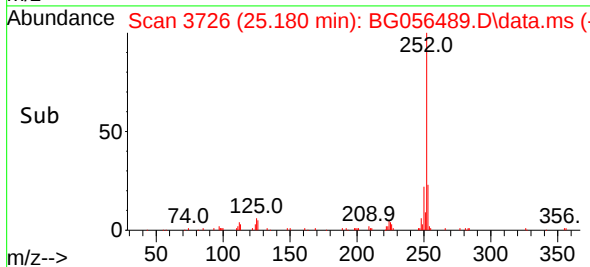
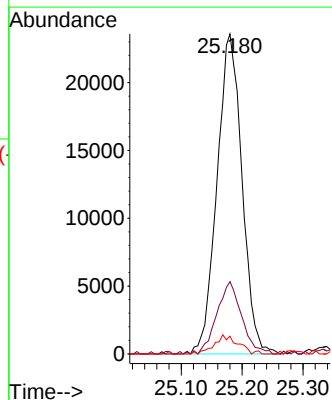
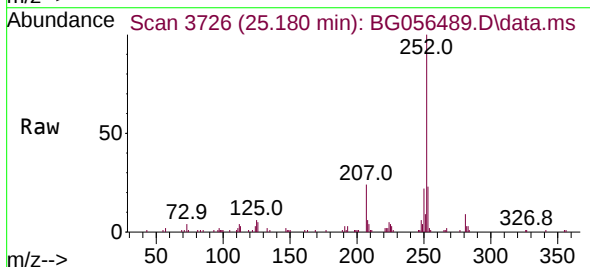
Manual Integrations  
APPROVED

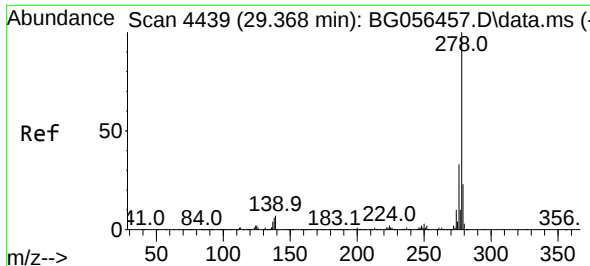
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#90  
Benzo(a)pyrene  
Concen: 3.699 ng  
RT: 25.180 min Scan# 3726  
Delta R.T. -0.005 min  
Lab File: BG056489.D  
Acq: 31 Jan 2023 17:34

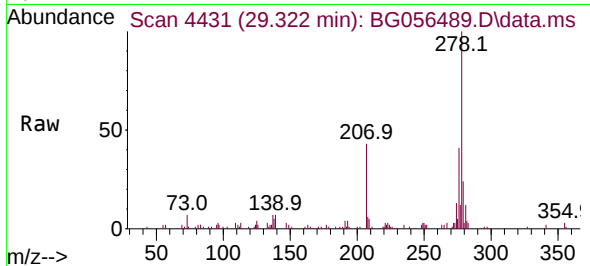
Tgt Ion:252 Resp: 67143  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.4 27.6  
125 5.5 4.1 6.1





#91  
 Dibenzo(a,h)anthracene  
 Concen: 3.902 ng  
 RT: 29.322 min Scan# 4439  
 Delta R.T. -0.023 min  
 Lab File: BG056489.D  
 Acq: 31 Jan 2023 17:34

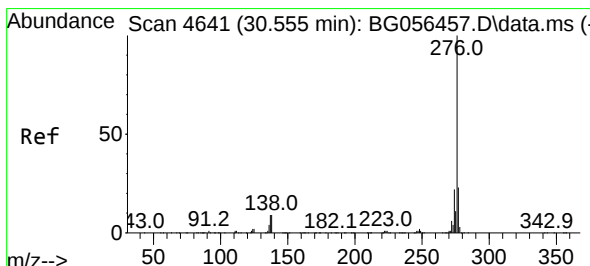
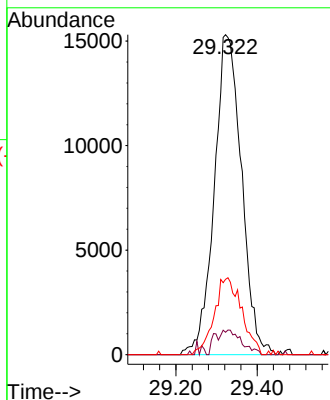
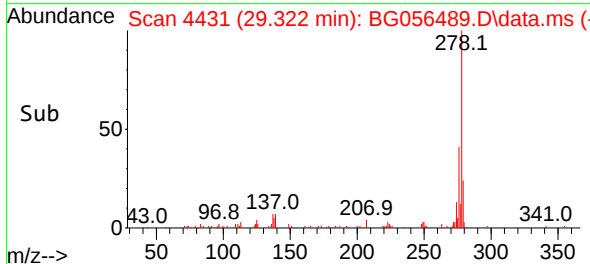
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2022



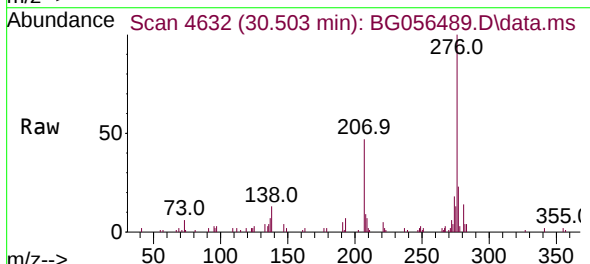
Tgt Ion:278 Resp: 71172  
 Ion Ratio Lower Upper  
 278 100  
 139 7.0 5.5 8.3  
 279 23.5 18.8 28.2

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
 Supervised By :Jagrut Upadhyay 02/01/2023



#92  
 Benzo(g,h,i)perylene  
 Concen: 3.940 ng  
 RT: 30.503 min Scan# 4632  
 Delta R.T. -0.023 min  
 Lab File: BG056489.D  
 Acq: 31 Jan 2023 17:34



Tgt Ion:276 Resp: 69351  
 Ion Ratio Lower Upper  
 276 100  
 277 22.7 18.5 27.7  
 138 12.6 7.4 11.0#

