

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071822\  
 Data File : BG054312.D  
 Acq On : 18 Jul 2022 15:46  
 Operator : CG/JU  
 Sample : N3214-08  
 Misc : LOQ-water-10ppm  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 18 16:19:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 18 16:19:21 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/19/2022  
 Supervised By :Jagrut Upadhyay 07/19/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.000  | 152  | 17105    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.809 | 136  | 63851    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.634 | 164  | 52133    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.377 | 188  | 143214   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.643 | 240  | 179248   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.845 | 264  | 187302   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.562  | 112  | 116400   | 142.081 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.166  | 99   | 159519   | 142.101 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.158  | 82   | 88863    | 75.789  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.126 | 330  | 156553   | 143.023 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.259 | 172  | 291847   | 78.972  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.986 | 244  | 715088   | 79.141  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.429  | 88   | 2988     | 9.168   | ng    | 87       |
| 3) Pyridine                   | 3.840  | 79   | 7044     | 8.519   | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.758  | 42   | 3637     | 7.867   | ng    | # 72     |
| 6) Aniline                    | 7.319  | 93   | 11901    | 9.184   | ng    | 98       |
| 8) 2-Chlorophenol             | 7.559  | 128  | 8082     | 8.584   | ng    | 92       |
| 9) Benzaldehyde               | 7.136  | 77   | 7267m    | 11.524  | ng    |          |
| 10) Phenol                    | 7.189  | 94   | 10154    | 9.104   | ng    | 82       |
| 11) bis(2-Chloroethyl)ether   | 7.418  | 93   | 7146     | 8.787   | ng    | 87       |
| 12) 1,3-Dichlorobenzene       | 7.889  | 146  | 10198    | 8.890   | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.030  | 146  | 10664    | 9.002   | ng    | 92       |
| 14) 1,2-Dichlorobenzene       | 8.353  | 146  | 10014    | 8.964   | ng    | 94       |
| 15) Benzyl Alcohol            | 8.235  | 79   | 7960     | 8.621   | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.523  | 45   | 8697     | 8.492   | ng    | 93       |
| 17) 2-Methylphenol            | 8.441  | 107  | 6967     | 8.667   | ng    | 98       |
| 18) Hexachloroethane          | 9.087  | 117  | 3679     | 9.379   | ng    | # 80     |
| 19) n-Nitroso-di-n-propyla... | 8.799  | 70   | 6507     | 8.680   | ng    | # 84     |
| 20) 3+4-Methylphenols         | 8.770  | 107  | 9654     | 8.523   | ng    | 90       |
| 22) Acetophenone              | 8.817  | 105  | 13865    | 9.028   | ng    | # 95     |
| 24) Nitrobenzene              | 9.205  | 77   | 10047    | 8.768   | ng    | # 85     |
| 25) Isophorone                | 9.722  | 82   | 18540    | 9.092   | ng    | 96       |
| 26) 2-Nitrophenol             | 9.916  | 139  | 5086     | 8.806   | ng    | # 83     |
| 27) 2,4-Dimethylphenol        | 9.980  | 122  | 8056     | 10.097  | ng    | 84       |
| 28) bis(2-Chloroethoxy)met... | 10.203 | 93   | 9643     | 9.376   | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.462 | 162  | 10413    | 8.646   | ng    | 88       |
| 30) 1,2,4-Trichlorobenzene    | 10.673 | 180  | 13452    | 9.019   | ng    | # 95     |
| 31) Naphthalene               | 10.856 | 128  | 28236    | 8.809   | ng    | 98       |
| 32) Benzoic acid              | 10.162 | 122  | 2797m    | 10.989  | ng    |          |
| 33) 4-Chloroaniline           | 10.961 | 127  | 11437    | 8.775   | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.144 | 225  | 11860    | 8.997   | ng    | 91       |
| 35) Caprolactam               | 11.713 | 113  | 2602     | 8.580   | ng    | # 67     |
| 36) 4-Chloro-3-methylphenol   | 12.089 | 107  | 9763     | 8.911   | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.466 | 142  | 20326    | 8.258   | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.683 | 142  | 20276    | 8.454   | ng    | 87       |
| 40) 1,2,4,5-Tetrachloroben... | 12.830 | 216  | 20331    | 8.901   | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 12.812 | 237  | 6636     | 12.384  | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 13.071 | 196  | 10252m   | 8.244   | ng    |          |

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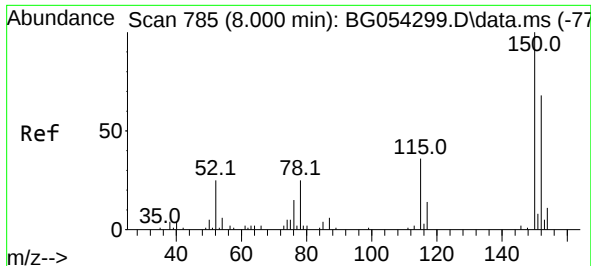
### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/19/2022  
 Supervised By : Jagrut Upadhyay 07/19/2022

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.153 | 196  | 11437    | 8.139  | ng    | # 89     |
| 46) 1,1'-Biphenyl              | 13.464 | 154  | 32230    | 9.037  | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.511 | 162  | 26199    | 8.777  | ng    | 94       |
| 48) 2-Nitroaniline             | 13.711 | 65   | 6434     | 8.260  | ng    | # 80     |
| 49) Acenaphthylene             | 14.357 | 152  | 40980    | 9.240  | ng    | 99       |
| 50) Dimethylphthalate          | 14.081 | 163  | 34665    | 8.513  | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.205 | 165  | 7738     | 8.664  | ng    | # 80     |
| 52) Acenaphthene               | 14.698 | 154  | 23546    | 8.767  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.534 | 138  | 6125     | 8.199  | ng    | # 73     |
| 54) 2,4-Dinitrophenol          | 14.751 | 184  | 3712     | 8.554  | ng    | # 85     |
| 55) Dibenzofuran               | 15.033 | 168  | 42267    | 8.845  | ng    | 93       |
| 56) 4-Nitrophenol              | 14.857 | 139  | 5074     | 10.181 | ng    | # 77     |
| 57) 2,4-Dinitrotoluene         | 14.992 | 165  | 11041    | 8.623  | ng    | # 85     |
| 58) Fluorene                   | 15.679 | 166  | 34270    | 8.722  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.262 | 232  | 10966    | 8.016  | ng    | # 79     |
| 60) Diethylphthalate           | 15.444 | 149  | 34297    | 8.780  | ng    | # 91     |
| 61) 4-Chlorophenyl-phenylether | 15.668 | 204  | 23915    | 9.273  | ng    | # 85     |
| 62) 4-Nitroaniline             | 15.697 | 138  | 6325     | 8.059  | ng    | 87       |
| 63) Azobenzene                 | 15.961 | 77   | 23668    | 8.385  | ng    | 85       |
| 65) 4,6-Dinitro-2-methylph...  | 15.762 | 198  | 7189     | 8.125  | ng    | 84       |
| 66) n-Nitrosodiphenylamine     | 15.885 | 169  | 31749    | 8.879  | ng    | 95       |
| 67) 4-Bromophenyl-phenylether  | 16.561 | 248  | 17332    | 8.617  | ng    | # 91     |
| 68) Hexachlorobenzene          | 16.690 | 284  | 20561    | 8.939  | ng    | # 88     |
| 69) Atrazine                   | 16.825 | 200  | 15699    | 9.867  | ng    | 94       |
| 70) Pentachlorophenol          | 17.037 | 266  | 7535     | 8.372  | ng    | 92       |
| 71) Phenanthrene               | 17.419 | 178  | 60509    | 8.484  | ng    | 98       |
| 72) Anthracene                 | 17.513 | 178  | 61208    | 8.746  | ng    | 97       |
| 73) Carbazole                  | 17.777 | 167  | 51163    | 8.879  | ng    | 96       |
| 74) Di-n-butylphthalate        | 18.335 | 149  | 57489    | 8.455  | ng    | 97       |
| 75) Fluoranthene               | 19.428 | 202  | 84539    | 8.696  | ng    | 97       |
| 77) Benzidine                  | 19.604 | 184  | 36440    | 11.225 | ng    | 98       |
| 78) Pyrene                     | 19.792 | 202  | 86402    | 8.401  | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.674 | 149  | 25495    | 7.954  | ng    | # 80     |
| 81) Benzo(a)anthracene         | 21.625 | 228  | 98377    | 8.646  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.531 | 252  | 37666    | 10.644 | ng    | # 97     |
| 83) Chrysene                   | 21.690 | 228  | 90267    | 8.397  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.525 | 149  | 36301    | 8.004  | ng    | # 91     |
| 85) Di-n-octyl phthalate       | 22.724 | 149  | 61984    | 8.011  | ng    | # 92     |
| 87) Indeno(1,2,3-cd)pyrene     | 28.500 | 276  | 116398   | 8.169  | ng    | # 97     |
| 88) Benzo(b)fluoranthene       | 23.823 | 252  | 98662    | 8.907  | ng    | # 98     |
| 89) Benzo(k)fluoranthene       | 23.893 | 252  | 98948    | 8.976  | ng    | # 98     |
| 90) Benzo(a)pyrene             | 24.692 | 252  | 96225    | 10.172 | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene     | 28.558 | 278  | 103933   | 8.871  | ng    | # 98     |
| 92) Benzo(g,h,i)perylene       | 29.645 | 276  | 100250   | 8.669  | ng    | # 93     |

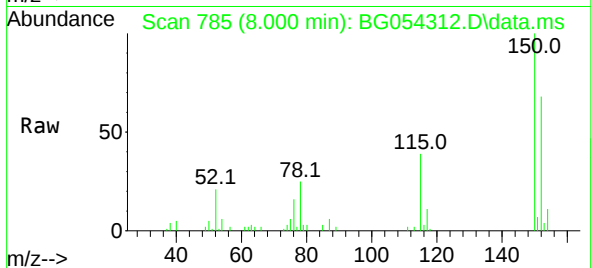
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.000 min Scan# 7  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

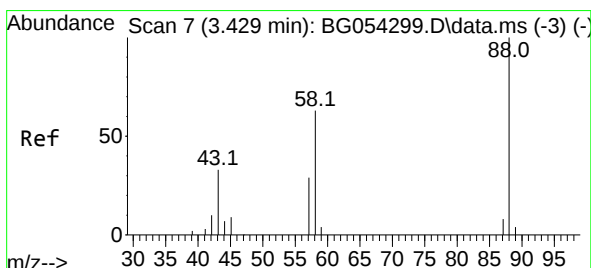
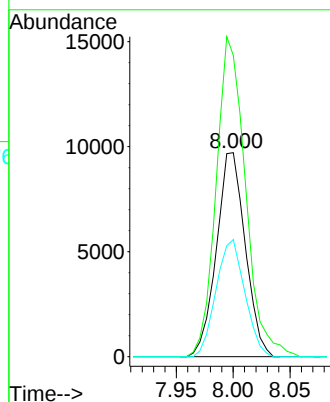
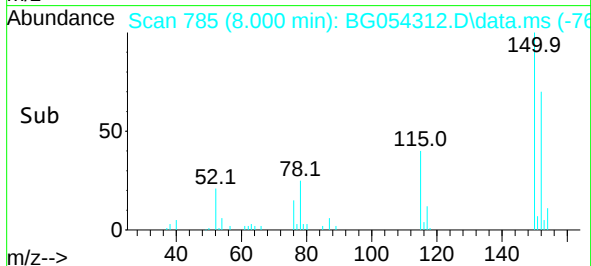
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



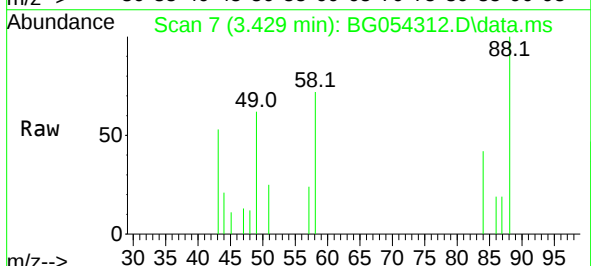
Tgt Ion:152 Resp: 1710  
Ion Ratio Lower Upper  
152 100  
150 147.7 131.6 197.4  
115 57.4 50.9 76.3

Manual Integrations  
APPROVED

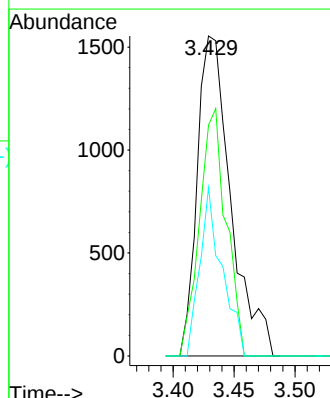
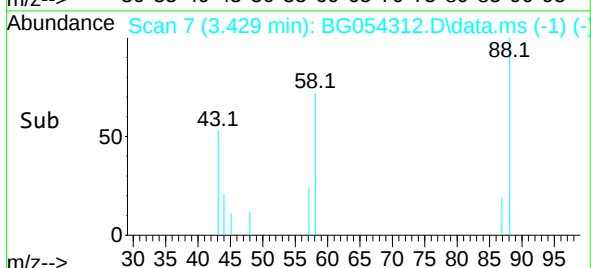
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

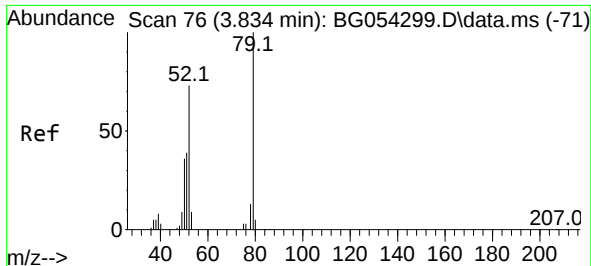


#2  
1,4-Dioxane  
Concen: 9.168 ng  
RT: 3.429 min Scan# 7  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



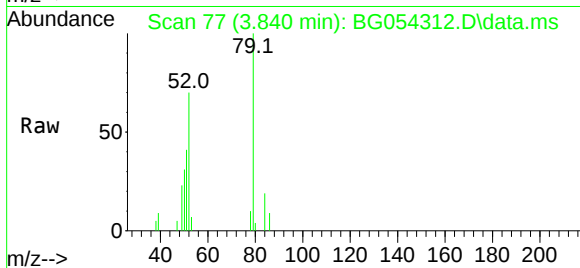
Tgt Ion: 88 Resp: 2988  
Ion Ratio Lower Upper  
88 100  
58 61.2 59.2 88.8  
43 34.6 24.3 36.5





#3  
Pyridine  
Concen: 8.519 ng  
RT: 3.840 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

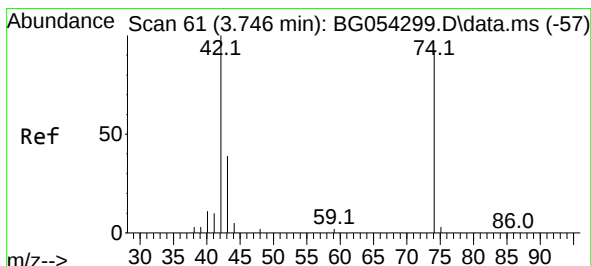
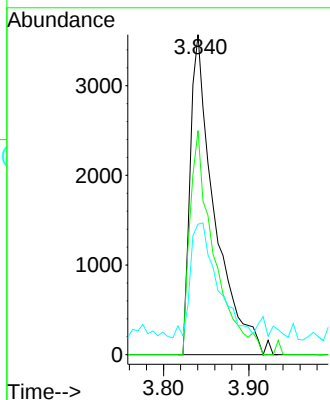
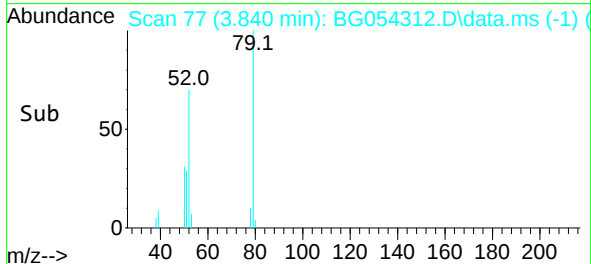
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



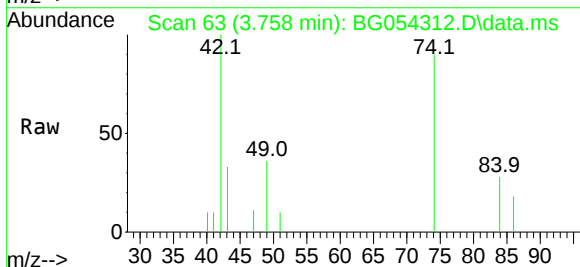
Tgt Ion: 79 Resp: 7044  
Ion Ratio Lower Upper  
79 100  
52 70.1 54.6 81.8  
51 40.8 32.5 48.7

Manual Integrations  
APPROVED

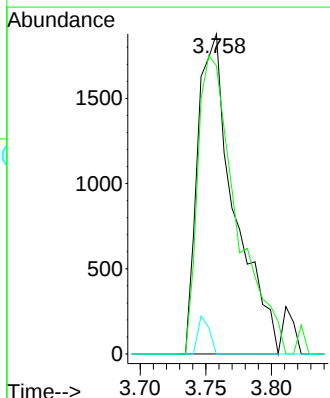
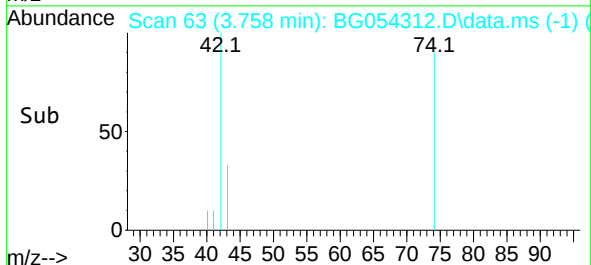
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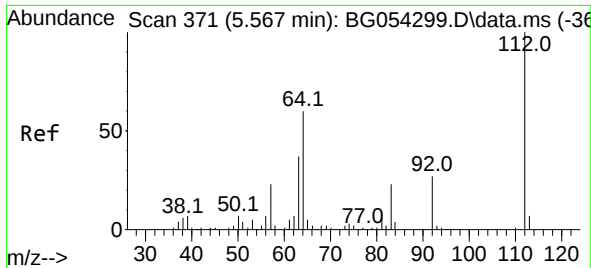


#4  
n-Nitrosodimethylamine  
Concen: 7.867 ng  
RT: 3.758 min Scan# 63  
Delta R.T. 0.012 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



Tgt Ion: 42 Resp: 3637  
Ion Ratio Lower Upper  
42 100  
74 90.0 97.0 145.4#  
44 0.0 7.0 10.4#





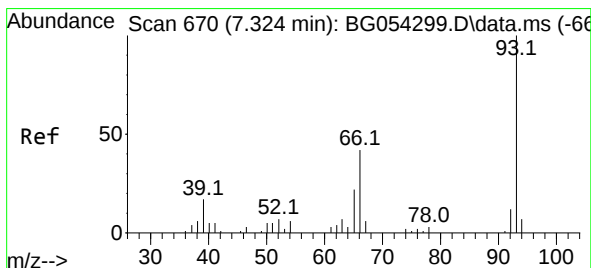
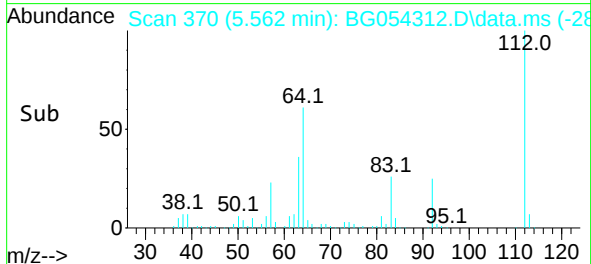
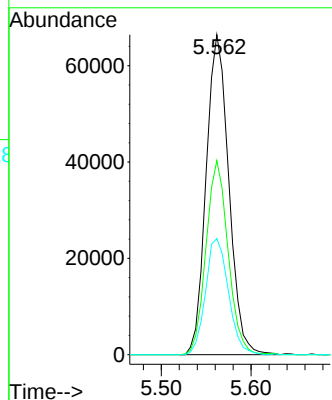
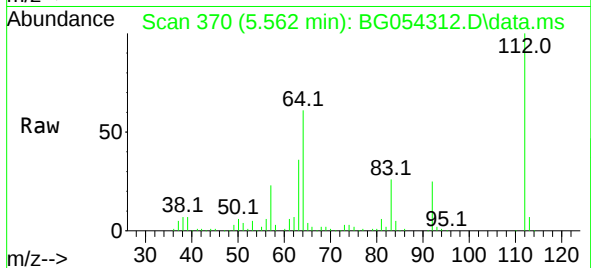
#5  
2-Fluorophenol  
Concen: 142.081 ng  
RT: 5.562 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022

Tgt Ion:112 Resp: 116400  
Ion Ratio Lower Upper  
112 100  
64 60.7 55.1 82.7  
63 36.3 30.4 45.6

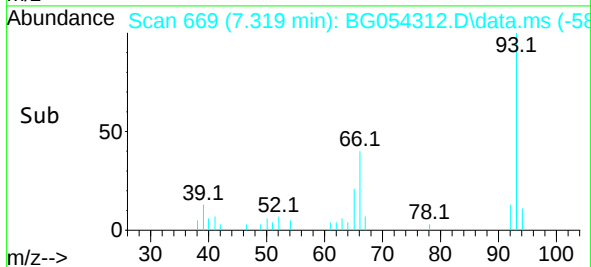
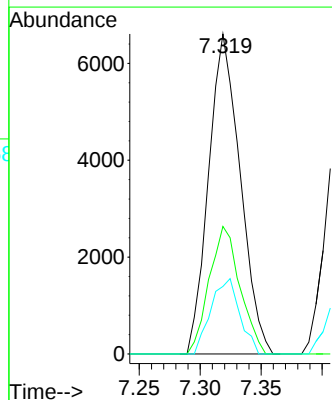
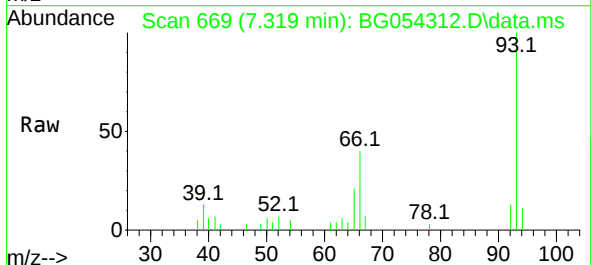
Manual Integrations  
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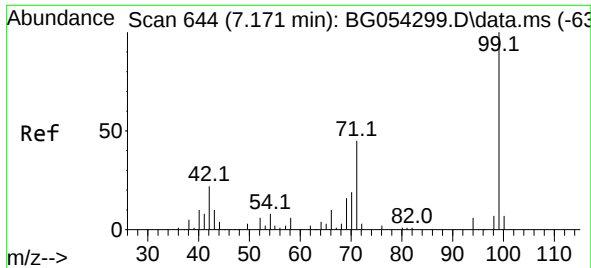
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#6  
Aniline  
Concen: 9.184 ng  
RT: 7.319 min Scan# 669  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

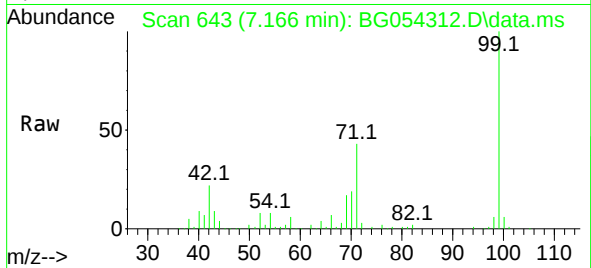
Tgt Ion: 93 Resp: 11901  
Ion Ratio Lower Upper  
93 100  
66 39.8 32.9 49.3  
65 21.1 17.8 26.8





#7  
Phenol-d6  
Concen: 142.101 ng  
RT: 7.166 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

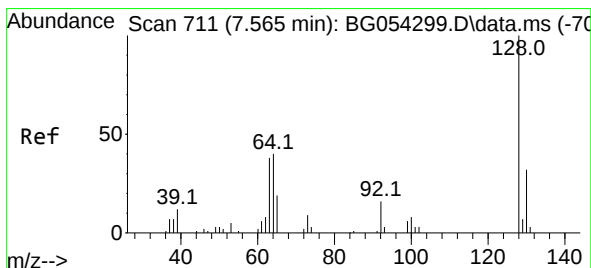
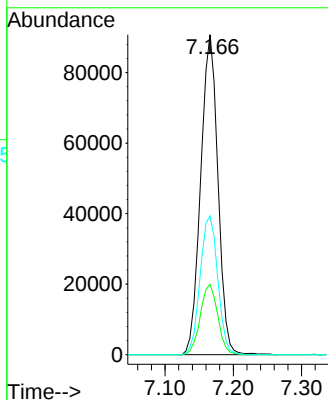
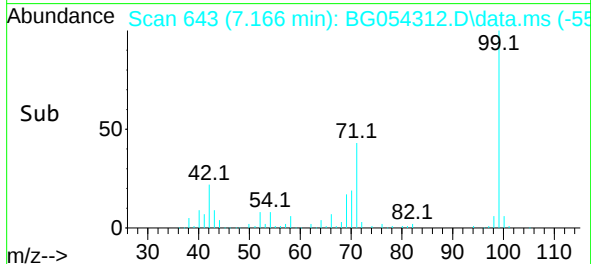
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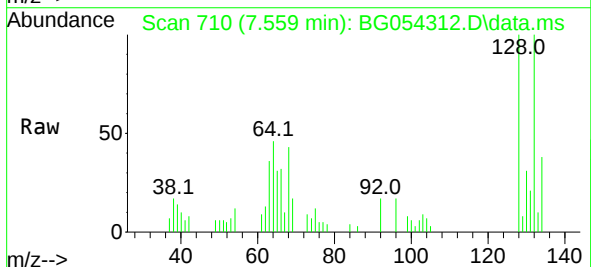
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Ion Ratio Lower Upper  
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42 22.0 17.0 25.6  
71 43.4 33.8 50.8

Manual Integrations  
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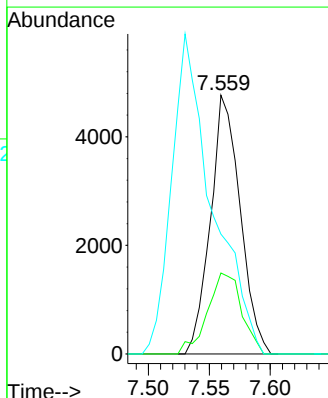
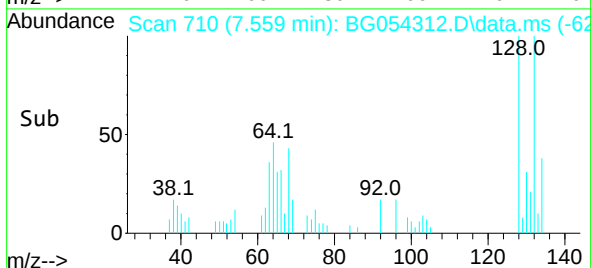
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

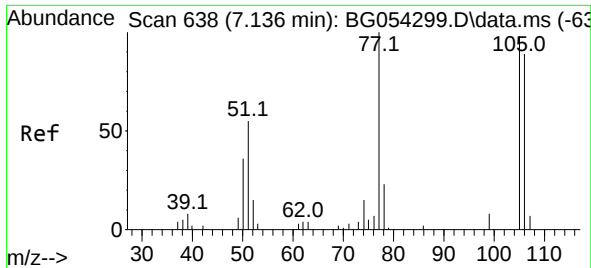


#8  
2-Chlorophenol  
Concen: 8.584 ng  
RT: 7.559 min Scan# 710  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



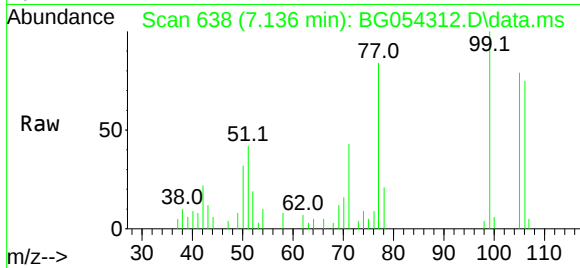
Tgt Ion:128 Resp: 8082  
Ion Ratio Lower Upper  
128 100  
130 31.3 10.5 50.5  
64 46.3 35.1 75.1





#9  
Benzaldehyde  
Concen: 11.524 ng m  
RT: 7.136 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

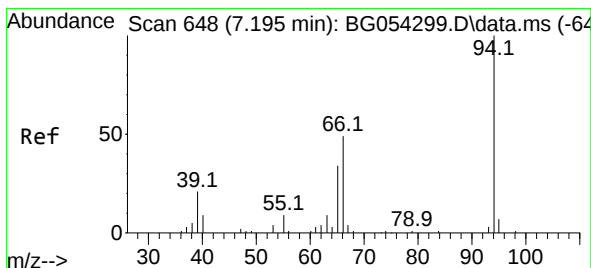
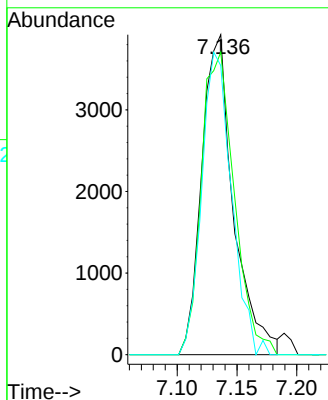
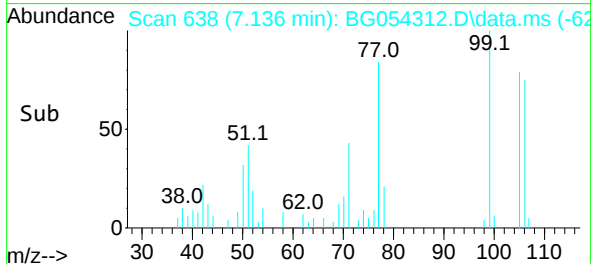
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



Tgt Ion: 77 Resp: 726  
Ion Ratio Lower Upper  
77 100  
105 94.6 59.6 99.6  
106 90.4 56.8 96.8

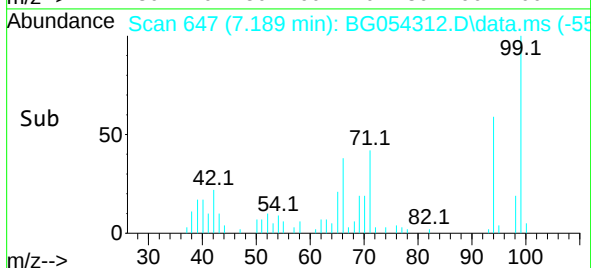
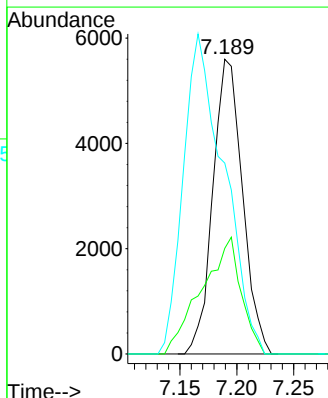
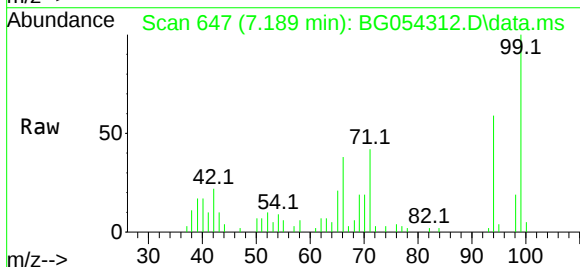
Manual Integrations  
APPROVED

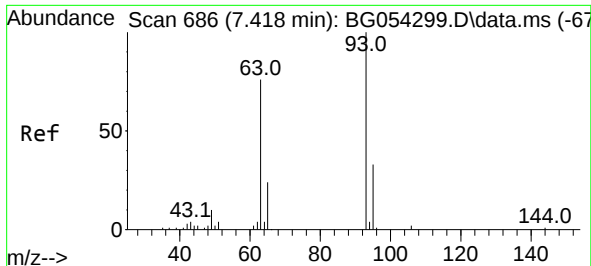
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#10  
Phenol  
Concen: 9.104 ng  
RT: 7.189 min Scan# 647  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

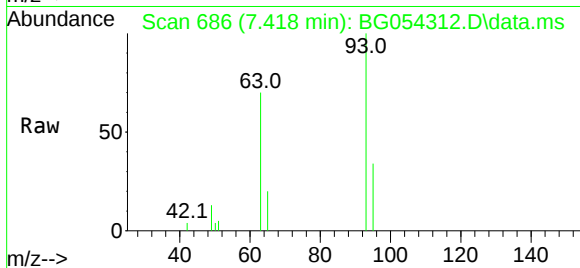
Tgt Ion: 94 Resp: 10154  
Ion Ratio Lower Upper  
94 100  
65 35.8 14.8 54.8  
66 64.8 25.2 65.2





#11  
bis(2-Chloroethyl)ether  
Concen: 8.787 ng  
RT: 7.418 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

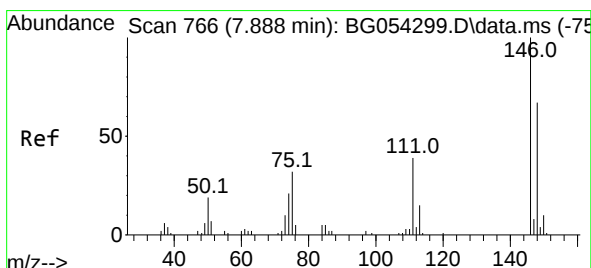
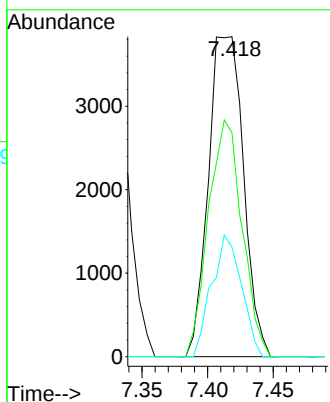
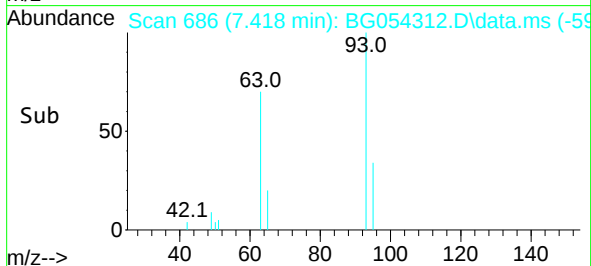
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



Tgt Ion: 93 Resp: 7140  
Ion Ratio Lower Upper  
93 100  
63 70.0 63.6 103.6  
95 34.2 10.1 50.1

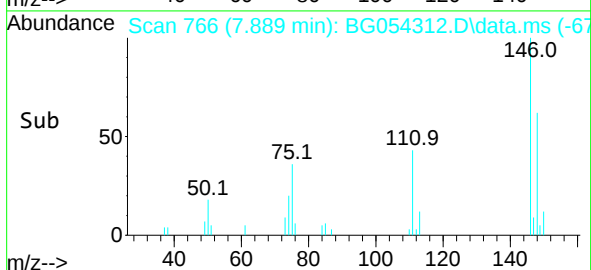
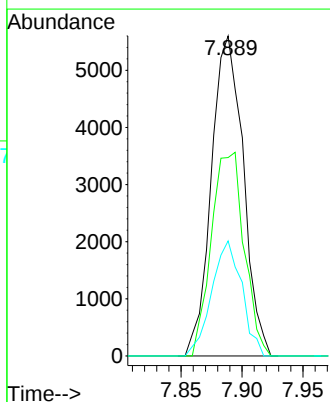
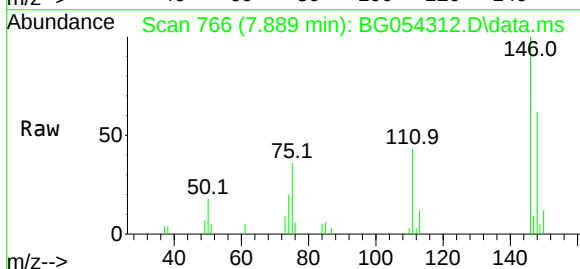
Manual Integrations  
APPROVED

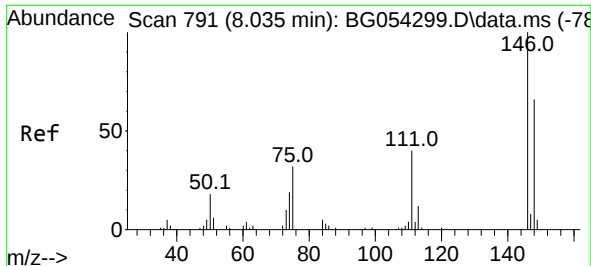
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#12  
1,3-Dichlorobenzene  
Concen: 8.890 ng  
RT: 7.889 min Scan# 766  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

Tgt Ion:146 Resp: 10198  
Ion Ratio Lower Upper  
146 100  
148 62.0 46.1 69.1  
75 35.9 27.6 41.4





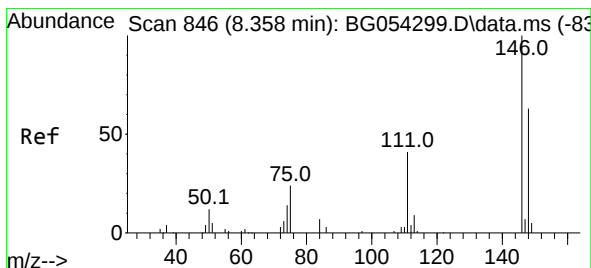
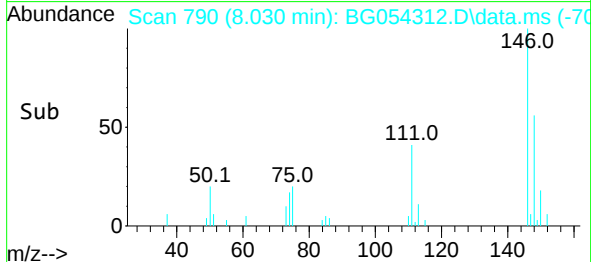
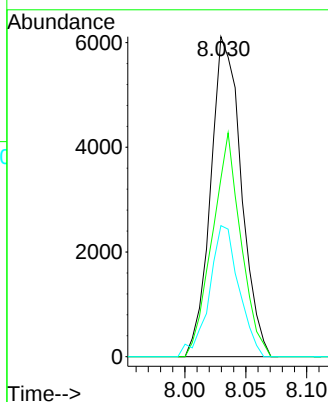
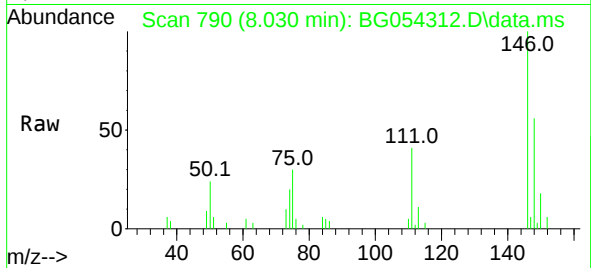
#13  
1,4-Dichlorobenzene  
Concen: 9.002 ng  
RT: 8.030 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022

Tgt Ion:146 Resp: 1066  
Ion Ratio Lower Upper  
146 100  
148 55.7 51.5 77.3  
111 40.9 33.9 50.9

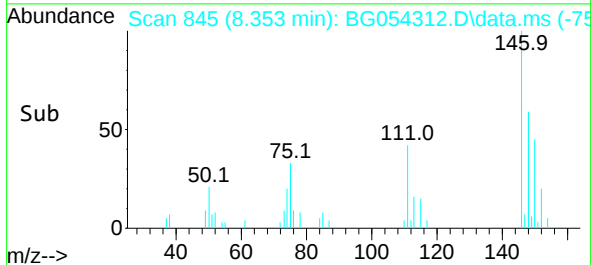
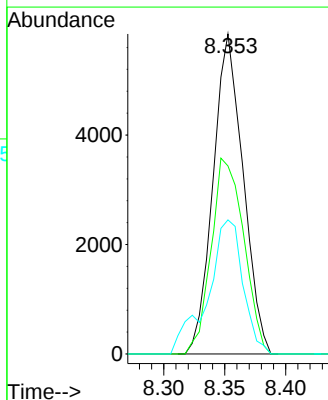
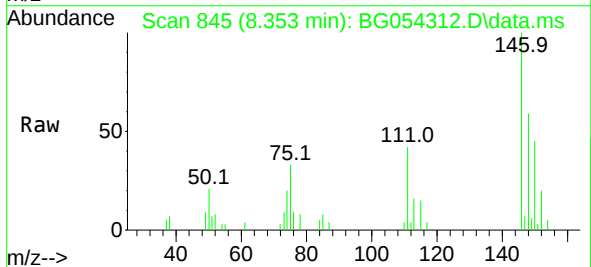
Manual Integrations  
APPROVED

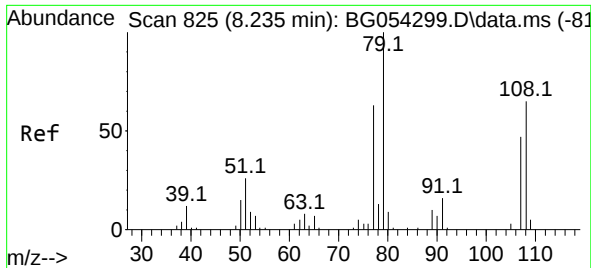
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#14  
1,2-Dichlorobenzene  
Concen: 8.964 ng  
RT: 8.353 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

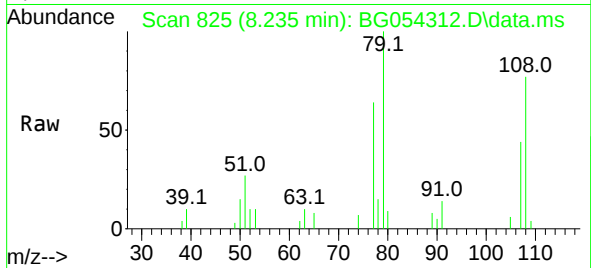
Tgt Ion:146 Resp: 10014  
Ion Ratio Lower Upper  
146 100  
148 58.7 52.6 78.8  
111 41.9 34.5 51.7





#15  
Benzyl Alcohol  
Concen: 8.621 ng  
RT: 8.235 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

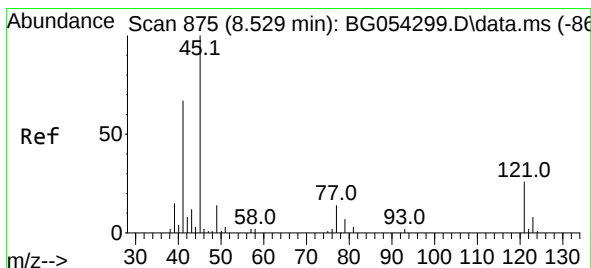
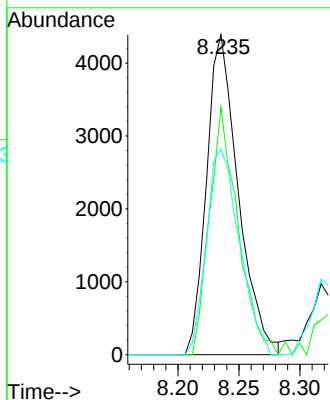
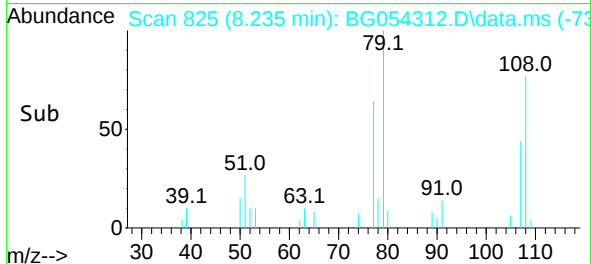
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



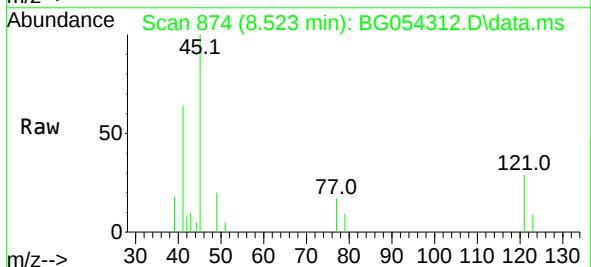
Tgt Ion: 79 Resp: 7960  
Ion Ratio Lower Upper  
79 100  
108 77.3 53.7 80.5  
77 64.2 52.2 78.4

Manual Integrations  
APPROVED

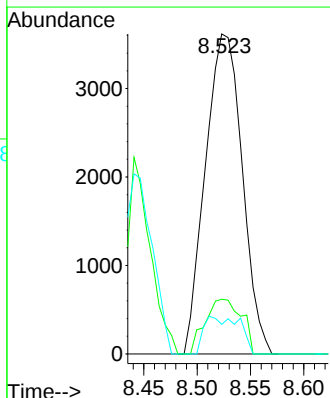
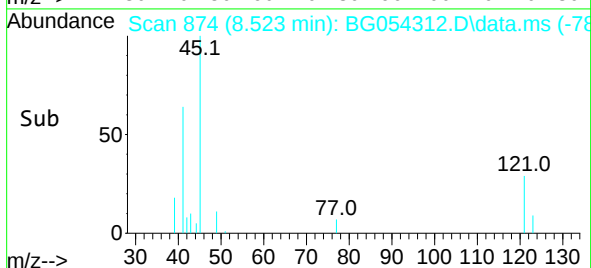
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

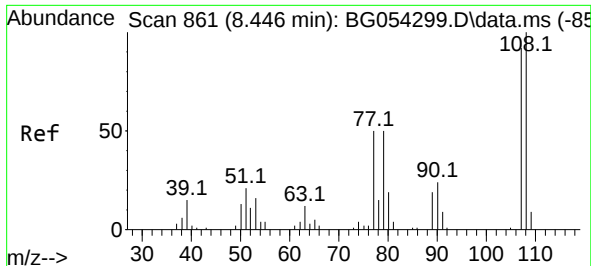


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 8.492 ng  
RT: 8.523 min Scan# 874  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



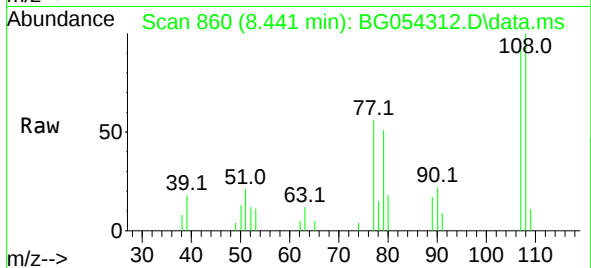
Tgt Ion: 45 Resp: 8697  
Ion Ratio Lower Upper  
45 100  
77 17.1 0.0 32.7  
79 9.3 0.0 29.7





#17  
2-Methylphenol  
Concen: 8.667 ng  
RT: 8.441 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

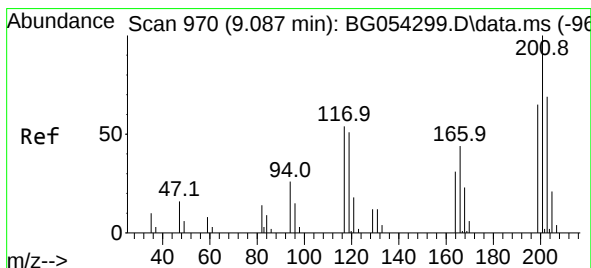
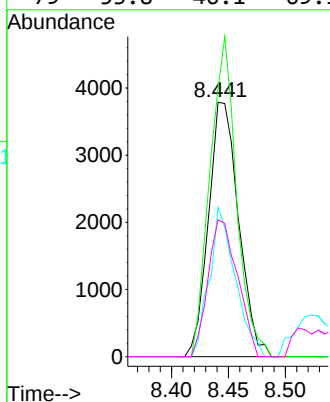
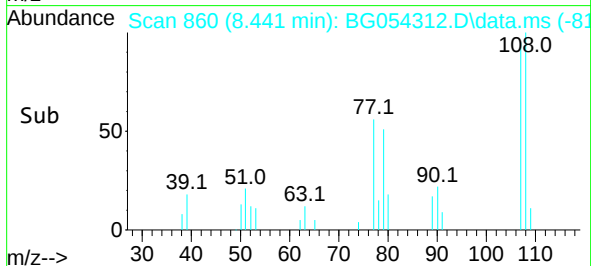
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



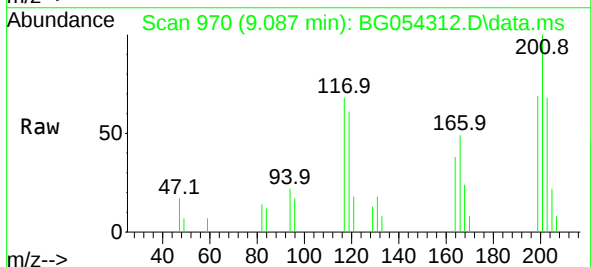
Tgt Ion:107 Resp: 696  
Ion Ratio Lower Upper  
107 100  
108 105.4 85.4 128.0  
77 58.6 46.2 69.2  
79 53.8 46.1 69.1

Manual Integrations  
APPROVED

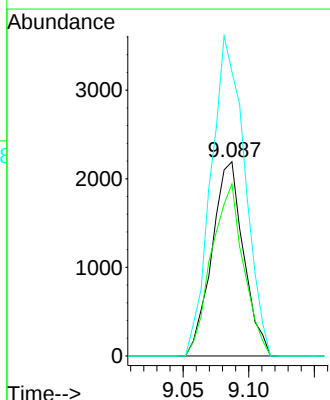
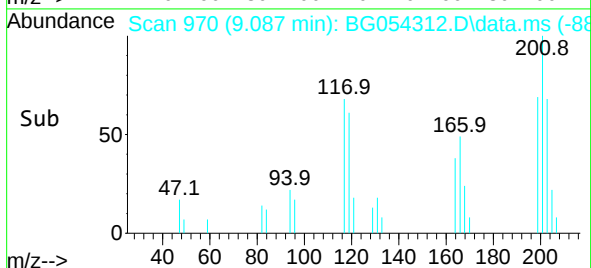
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

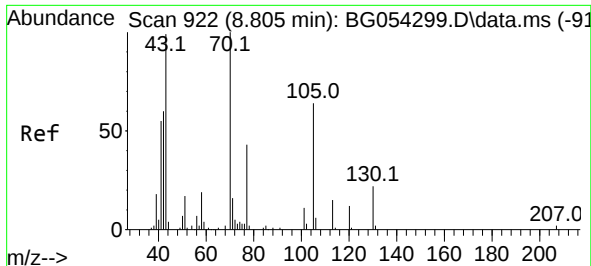


#18  
Hexachloroethane  
Concen: 9.379 ng  
RT: 9.087 min Scan# 970  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



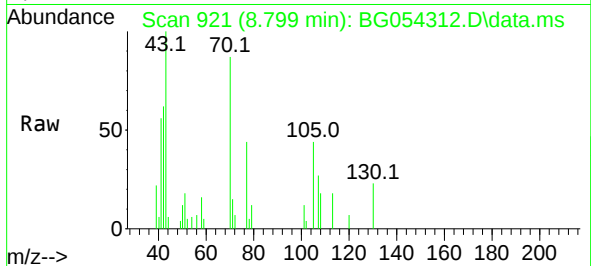
Tgt Ion:117 Resp: 3679  
Ion Ratio Lower Upper  
117 100  
119 88.7 75.0 112.6  
201 146.2 89.0 133.6#





#19  
n-Nitroso-di-n-propylamine  
Concen: 8.680 ng  
RT: 8.799 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

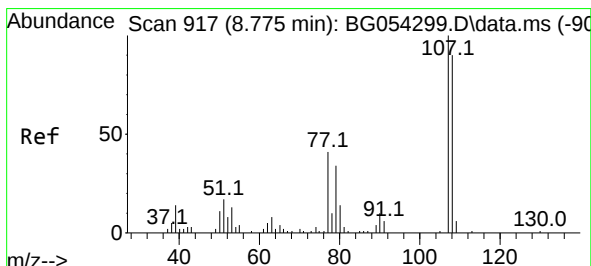
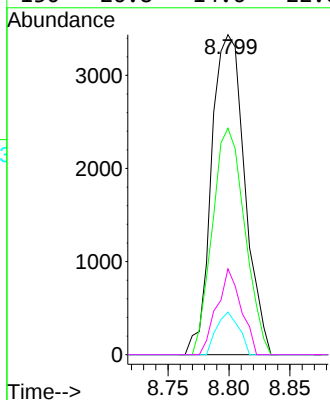
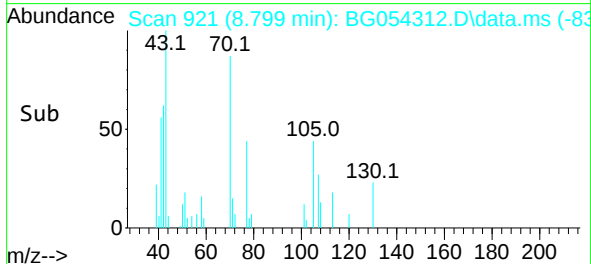
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



Tgt Ion: 70 Resp: 650  
Ion Ratio Lower Upper  
70 100  
42 70.8 47.3 70.9  
101 13.3 7.0 10.4  
130 26.8 14.6 22.0#

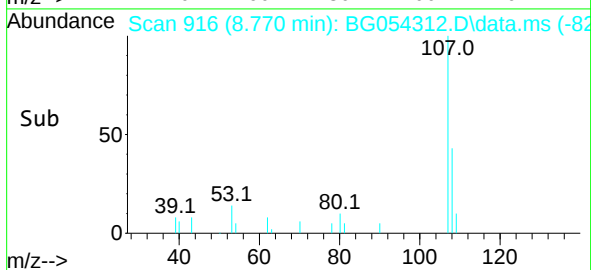
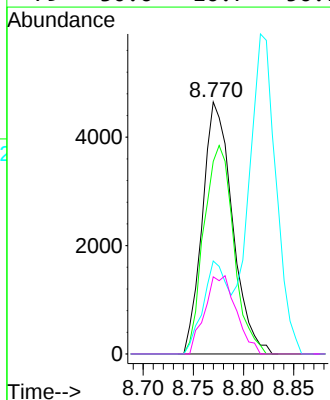
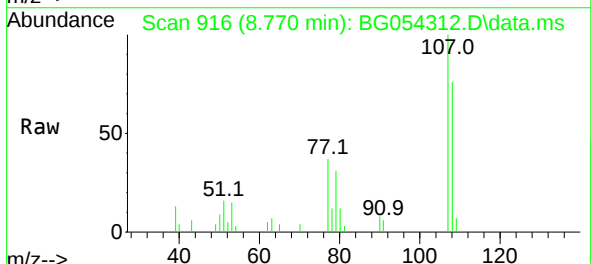
Manual Integrations  
APPROVED

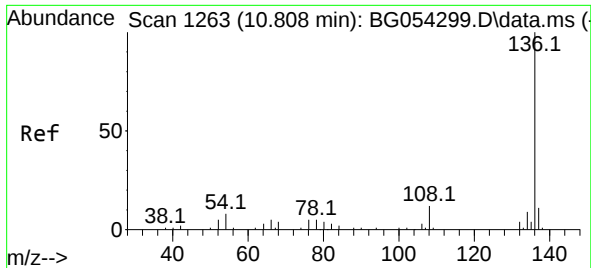
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#20  
3+4-Methylphenols  
Concen: 8.523 ng  
RT: 8.770 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

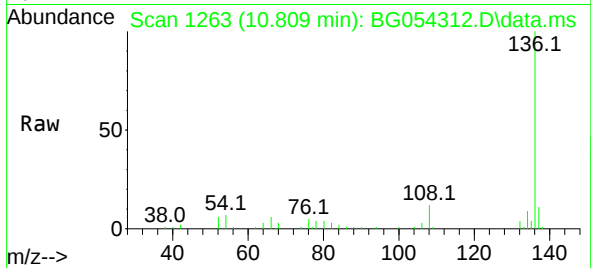
Tgt Ion:107 Resp: 9654  
Ion Ratio Lower Upper  
107 100  
108 76.4 67.5 107.5  
77 36.9 20.3 60.3  
79 30.6 16.7 56.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.809 min Scan# 1263  
Delta R.T. 0.001 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

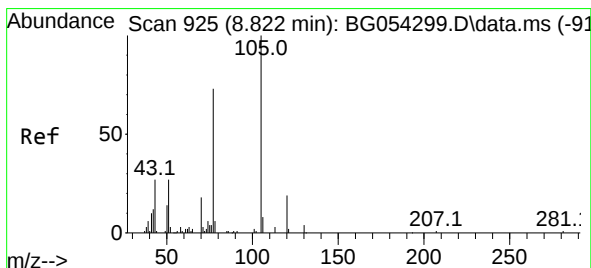
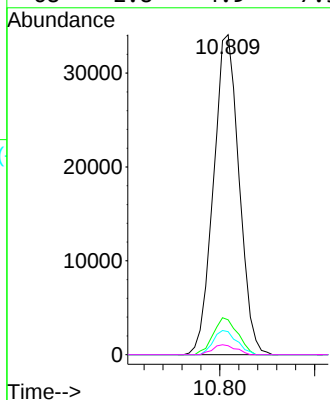
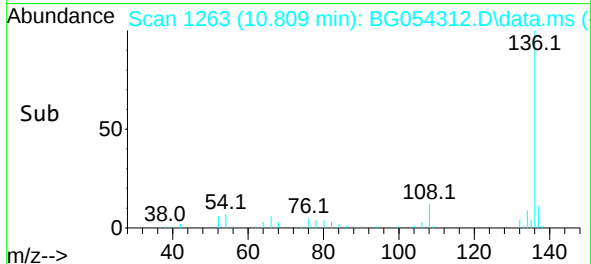
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



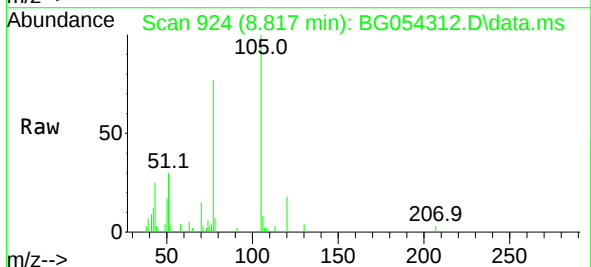
Tgt Ion:136 Resp: 6385  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.5 12.7  
54 7.2 7.4 11.2  
68 2.8 4.9 7.3#

Manual Integrations  
APPROVED

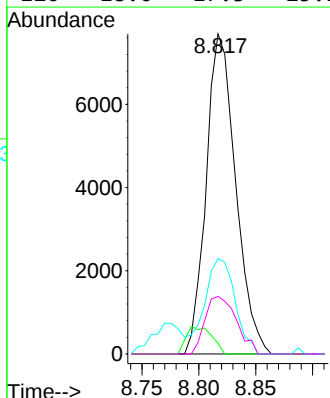
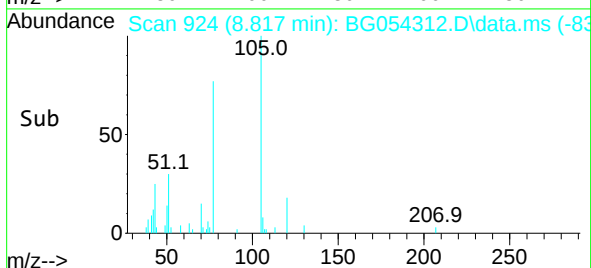
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

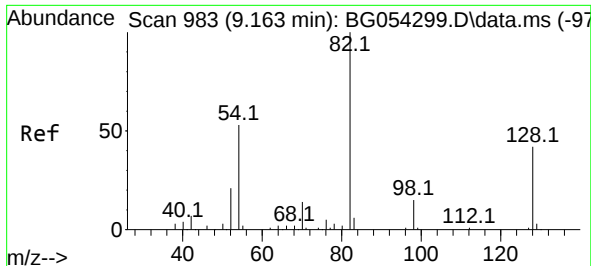


#22  
Acetophenone  
Concen: 9.028 ng  
RT: 8.817 min Scan# 924  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



Tgt Ion:105 Resp: 13865  
Ion Ratio Lower Upper  
105 100  
71 3.3 1.1 1.7#  
51 29.8 25.4 38.0  
120 18.0 17.3 25.9





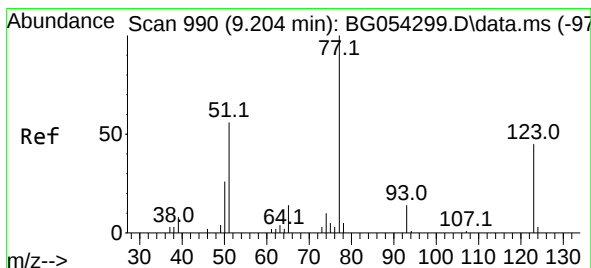
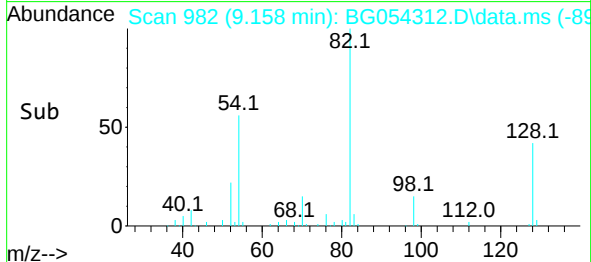
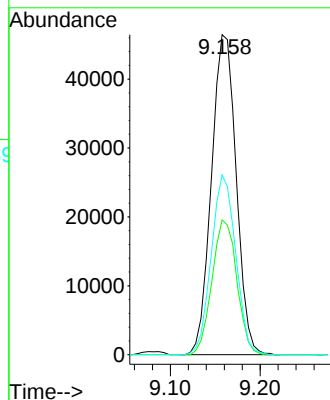
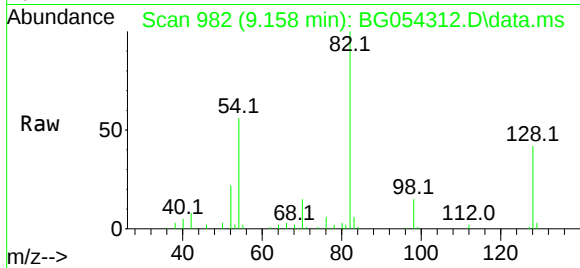
#23  
Nitrobenzene-d5  
Concen: 75.789 ng  
RT: 9.158 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022

Tgt Ion: 82 Resp: 8886  
Ion Ratio Lower Upper  
82 100  
128 42.1 27.9 41.9  
54 56.2 41.2 61.8

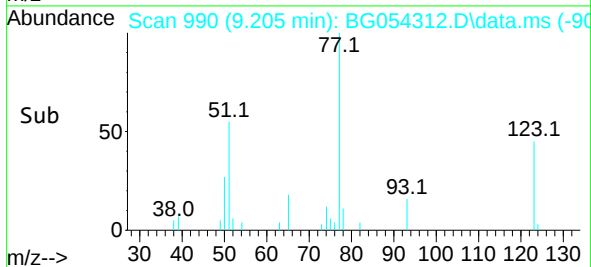
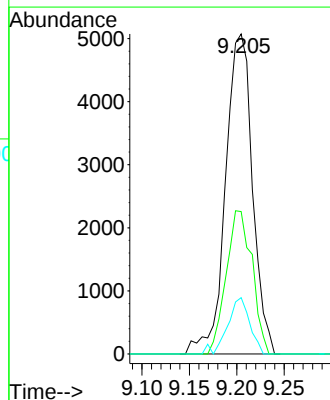
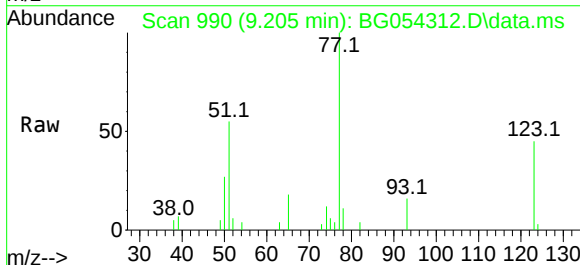
Manual Integrations  
APPROVED

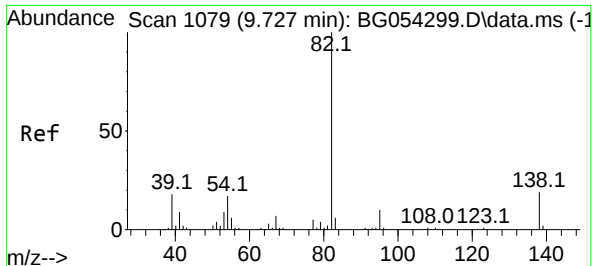
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#24  
Nitrobenzene  
Concen: 8.768 ng  
RT: 9.205 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

Tgt Ion: 77 Resp: 10047  
Ion Ratio Lower Upper  
77 100  
123 44.5 27.4 41.0#  
65 17.6 11.4 17.0#





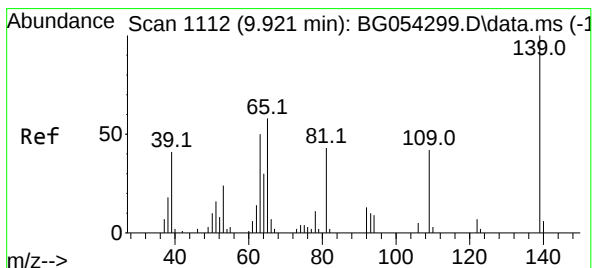
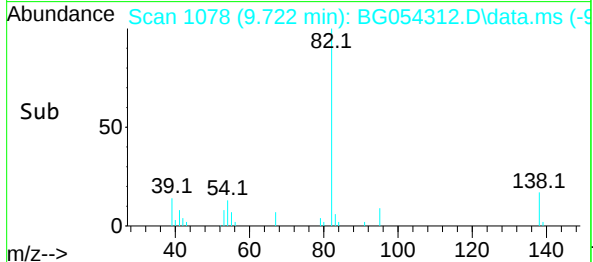
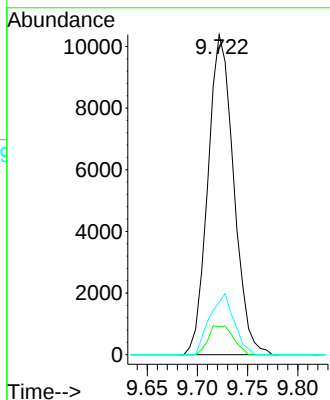
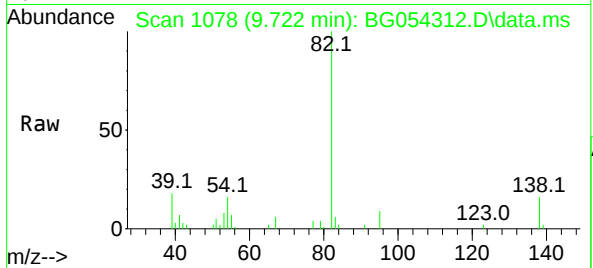
#25  
Isophorone  
Concen: 9.092 ng  
RT: 9.722 min Scan# 1079  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

Instrument : BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022

Tgt Ion: 82 Resp: 18540  
Ion Ratio Lower Upper  
82 100  
95 8.8 6.2 9.4  
138 16.4 11.6 17.4

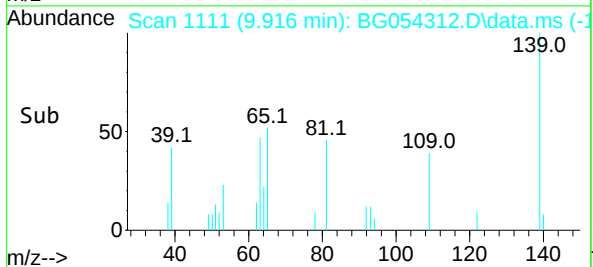
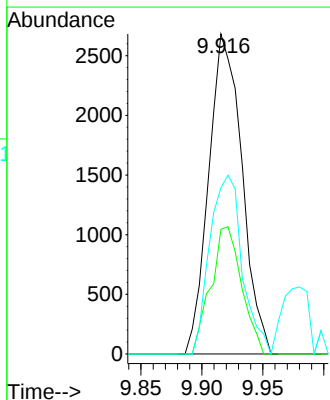
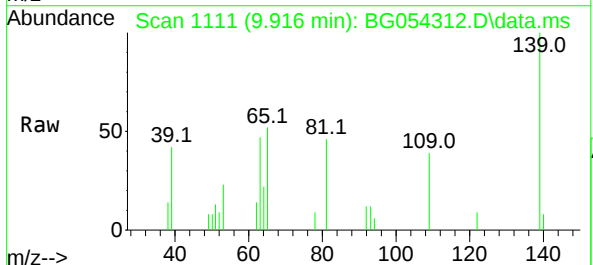
Manual Integrations  
APPROVED

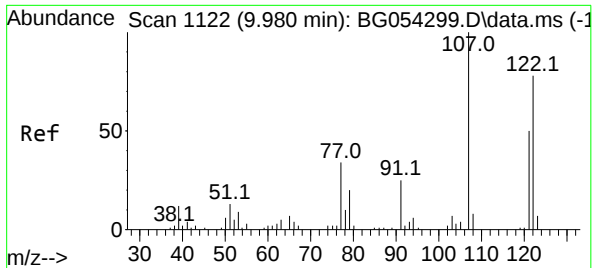
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#26  
2-Nitrophenol  
Concen: 8.806 ng  
RT: 9.916 min Scan# 1111  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

Tgt Ion:139 Resp: 5086  
Ion Ratio Lower Upper  
139 100  
109 39.0 36.1 54.1  
65 51.9 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 10.097 ng

RT: 9.980 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BG054312.D

Acq: 18 Jul 2022 15:46

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT2-2022

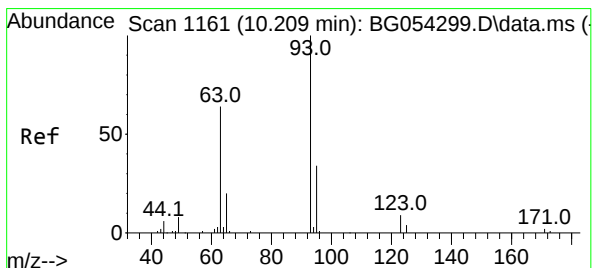
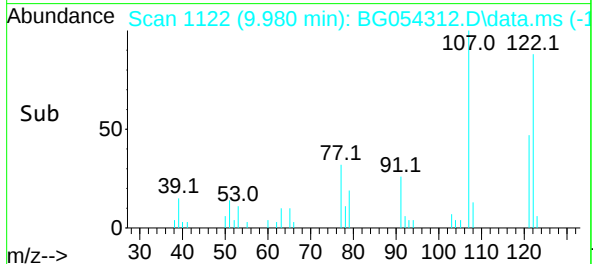
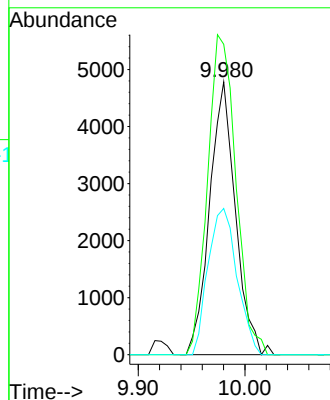
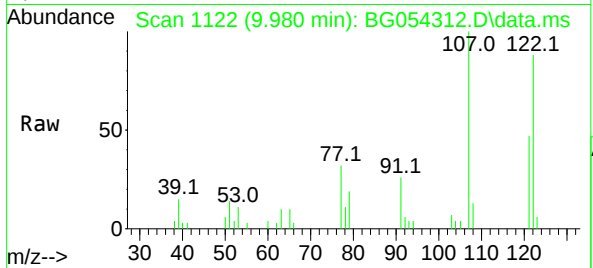
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 8050  |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 113.8 | 109.4 | 164.0 |
| 121      | 53.6  | 48.7  | 73.1  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 9.376 ng

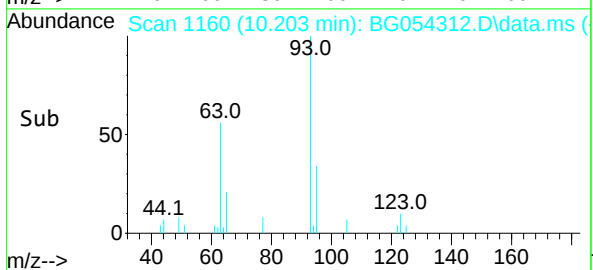
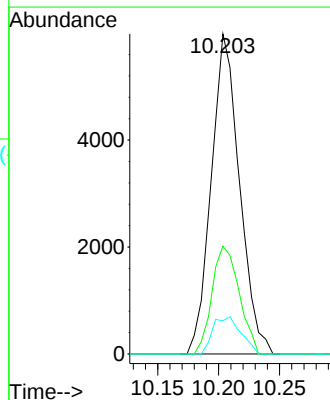
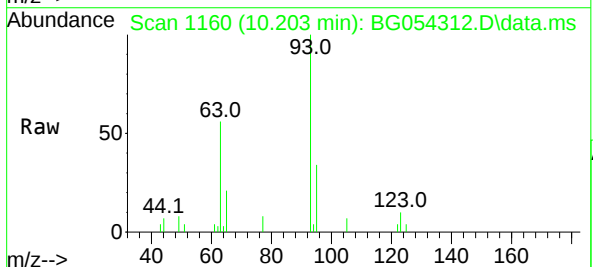
RT: 10.203 min Scan# 1160

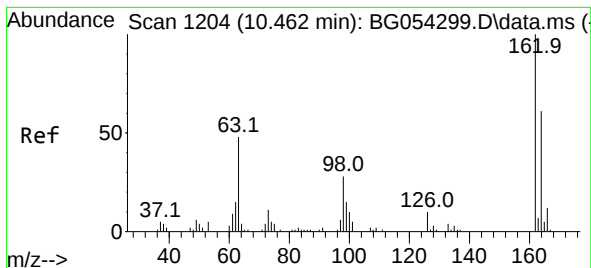
Delta R.T. -0.006 min

Lab File: BG054312.D

Acq: 18 Jul 2022 15:46

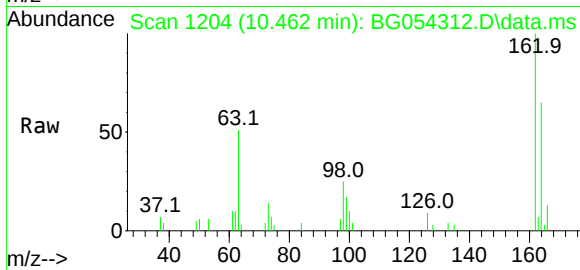
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 9643  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 33.7  | 26.9  | 40.3  |
| 123      | 10.4  | 7.7   | 11.5  |





#29  
2,4-Dichlorophenol  
Concen: 8.646 ng  
RT: 10.462 min Scan# 1204  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

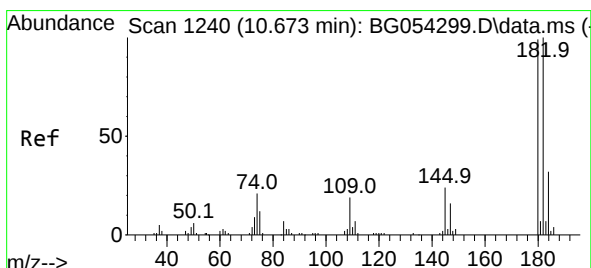
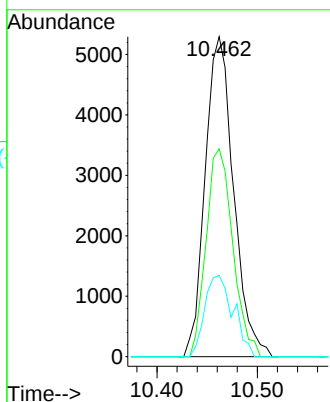
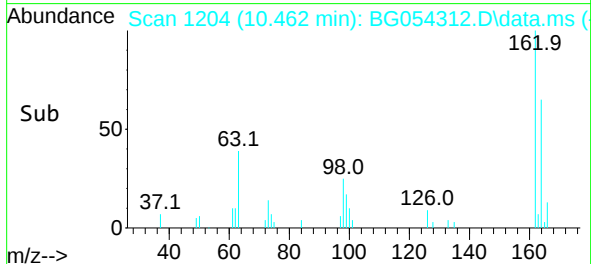
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



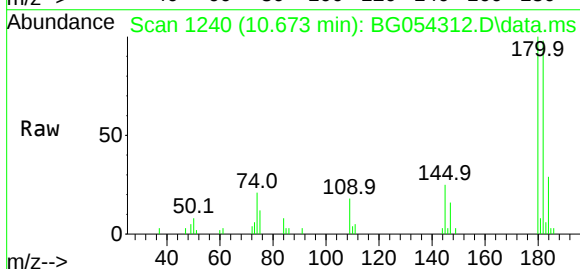
Tgt Ion:162 Resp: 1041  
Ion Ratio Lower Upper  
162 100  
164 65.0 46.6 86.6  
98 25.4 22.8 62.8

Manual Integrations  
APPROVED

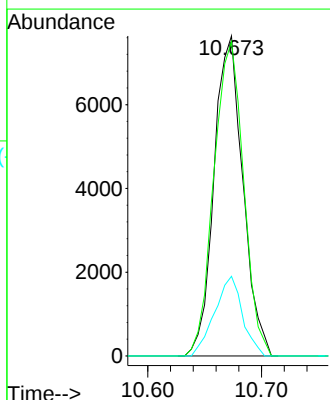
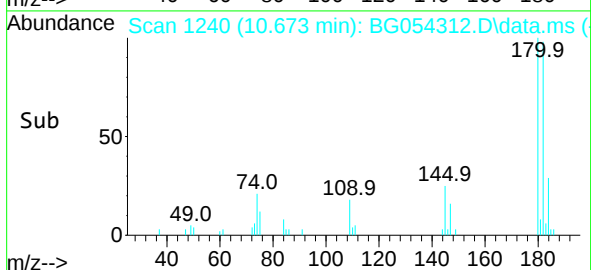
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

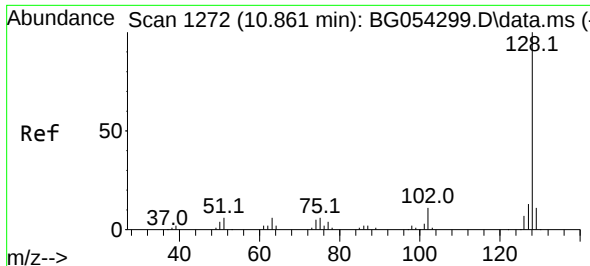


#30  
1,2,4-Trichlorobenzene  
Concen: 9.019 ng  
RT: 10.673 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



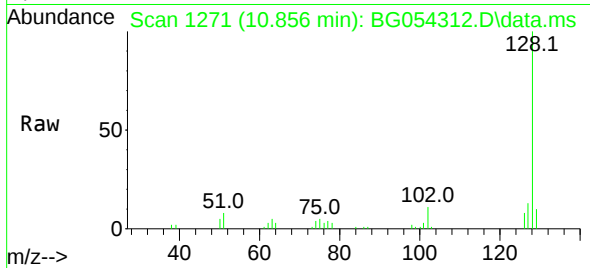
Tgt Ion:180 Resp: 13452  
Ion Ratio Lower Upper  
180 100  
182 98.2 76.6 115.0  
145 24.9 25.0 37.4#





#31  
Naphthalene  
Concen: 8.809 ng  
RT: 10.856 min Scan# 1152  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

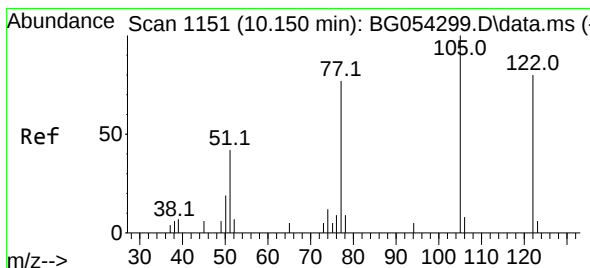
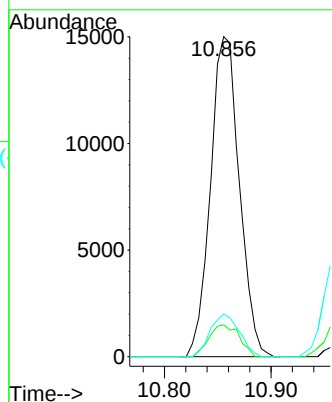
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



Tgt Ion:128 Resp: 28230  
Ion Ratio Lower Upper  
128 100  
129 10.0 9.0 13.6  
127 13.3 11.1 16.7

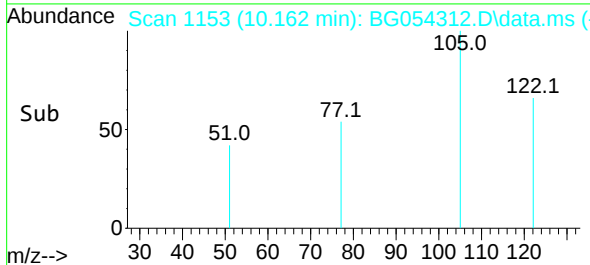
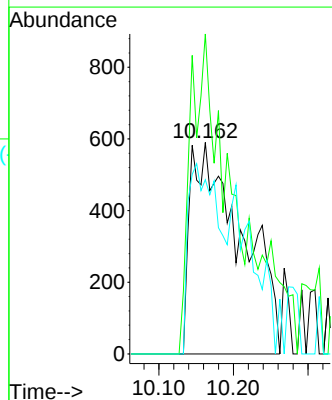
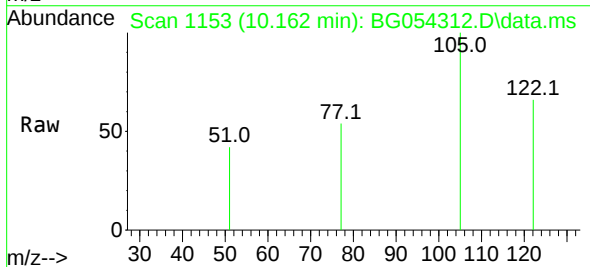
Manual Integrations  
APPROVED

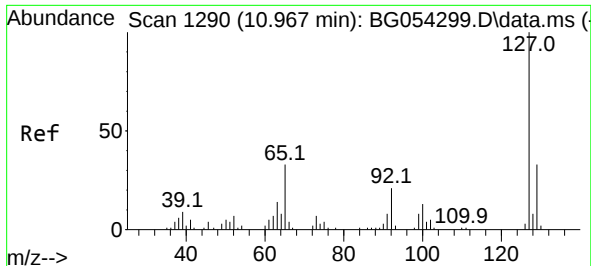
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#32  
Benzoic acid  
Concen: 10.989 ng m  
RT: 10.162 min Scan# 1153  
Delta R.T. 0.012 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

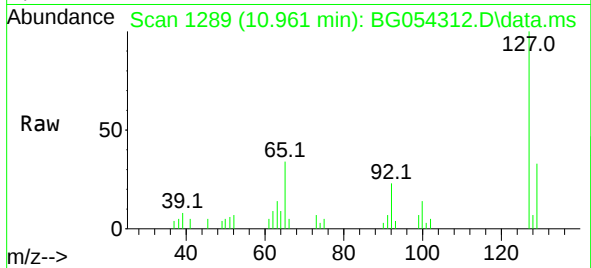
Tgt Ion:122 Resp: 2797  
Ion Ratio Lower Upper  
122 100  
105 151.4 111.8 151.8  
77 82.4 109.4 149.4#





#33  
4-Chloroaniline  
Concen: 8.775 ng  
RT: 10.961 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

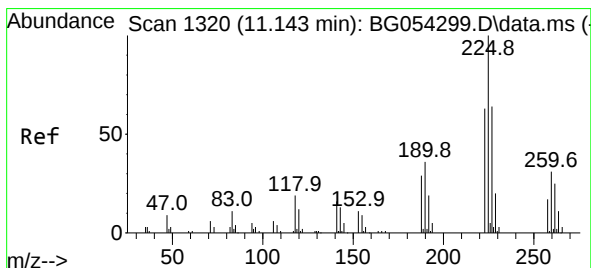
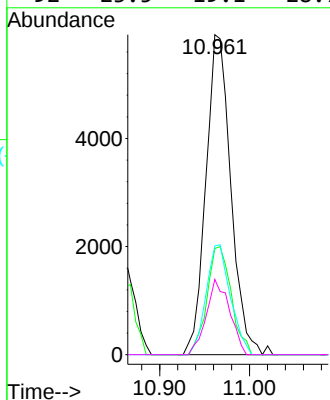
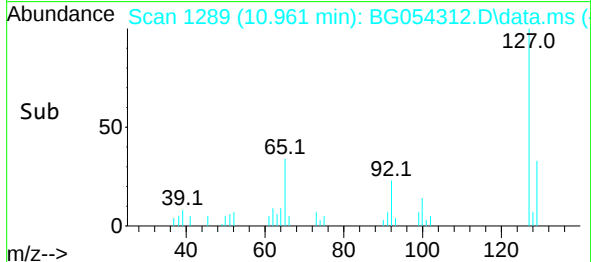
Instrument : BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.1  | 26.3  | 39.5  |
| 65      | 34.0  | 31.1  | 46.7  |
| 92      | 23.5  | 19.1  | 28.7  |

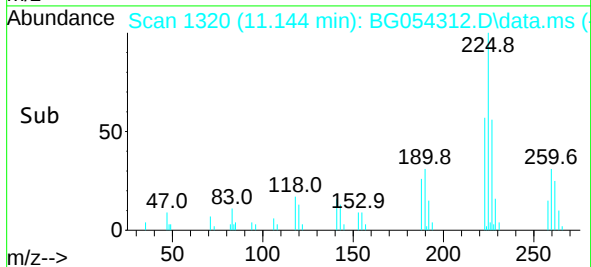
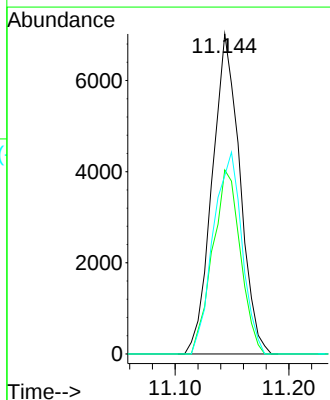
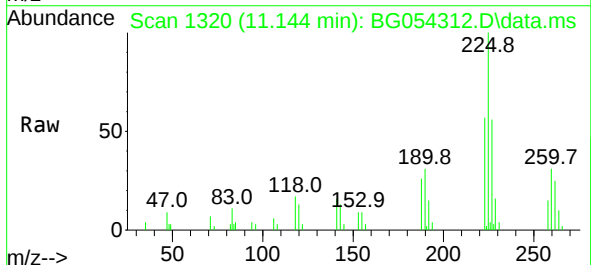
Manual Integrations  
APPROVED

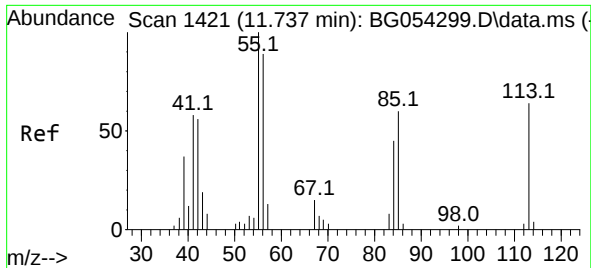
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#34  
Hexachlorobutadiene  
Concen: 8.997 ng  
RT: 11.144 min Scan# 1320  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

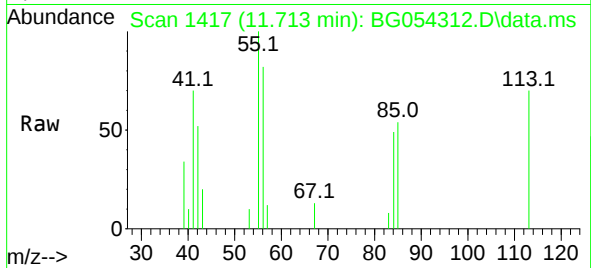
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 57.5  | 48.9  | 73.3  |
| 227     | 55.7  | 52.8  | 79.2  |





#35  
Caprolactam  
Concen: 8.580 ng  
RT: 11.713 min Scan# 1417  
Delta R.T. -0.023 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

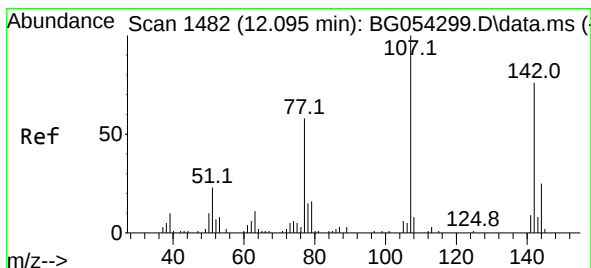
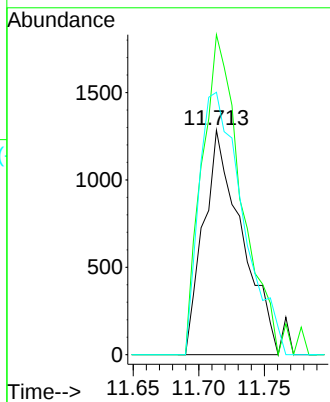
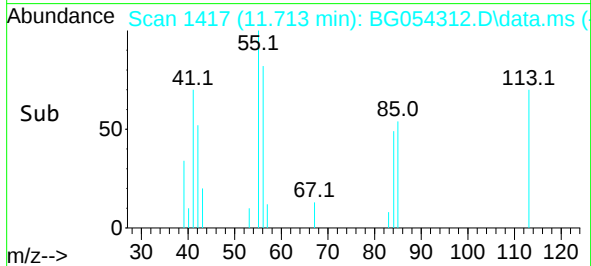
Instrument : BNA\_G  
ClientSampleId : LOQ-WATER-02-QT2-2022



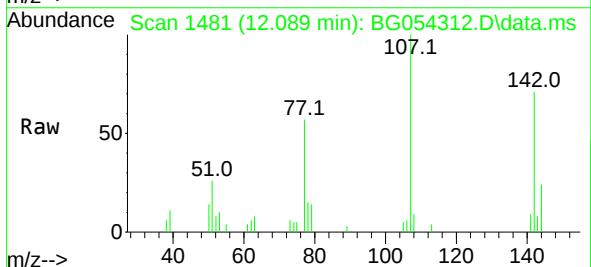
Tgt Ion:113 Resp: 260  
Ion Ratio Lower Upper  
113 100  
55 142.6 169.8 209.8  
56 116.9 141.2 181.2

Manual Integrations  
APPROVED

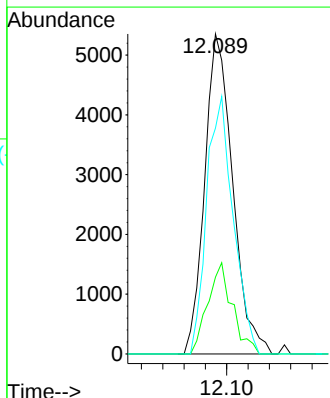
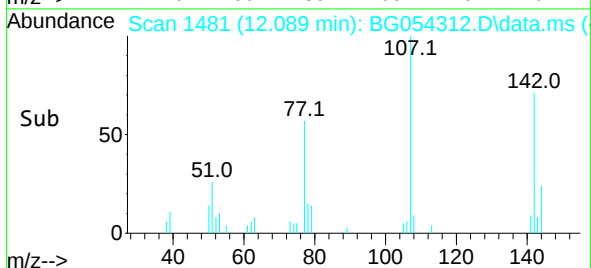
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

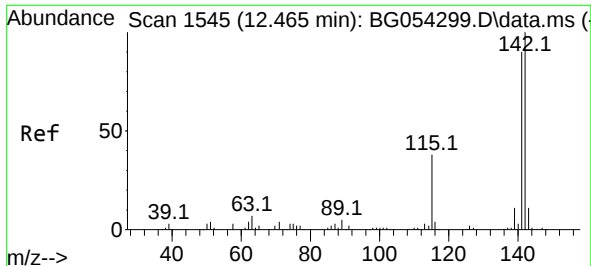


#36  
4-Chloro-3-methylphenol  
Concen: 8.911 ng  
RT: 12.089 min Scan# 1481  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



Tgt Ion:107 Resp: 9763  
Ion Ratio Lower Upper  
107 100  
144 24.0 18.5 27.7  
142 70.6 55.0 82.4





#37

2-Methylnaphthalene

Concen: 8.258 ng

RT: 12.466 min Scan# 1545

Delta R.T. 0.000 min

Lab File: BG054312.D

Acq: 18 Jul 2022 15:46

Instrument :

BNA\_G

ClientSampleId :

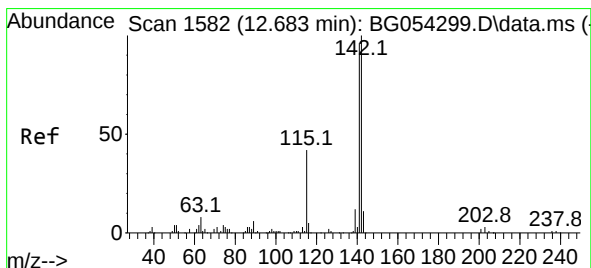
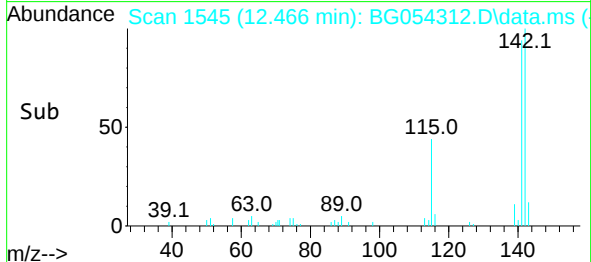
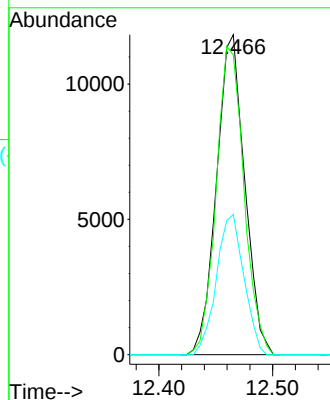
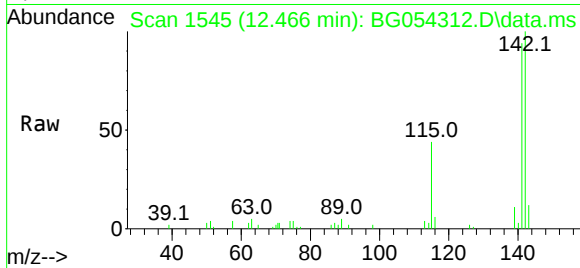
LOQ-WATER-02-QT2-2022

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 20320      |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 93.6  | 72.3 108.5 |
| 115         | 43.8  | 33.7 50.5  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#38

1-Methylnaphthalene

Concen: 8.454 ng

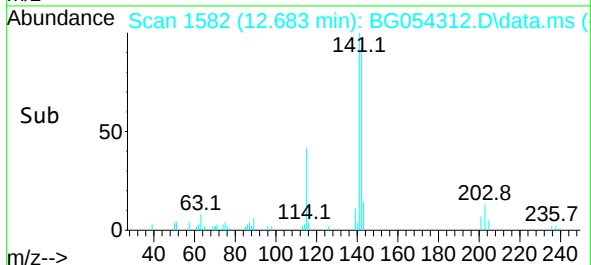
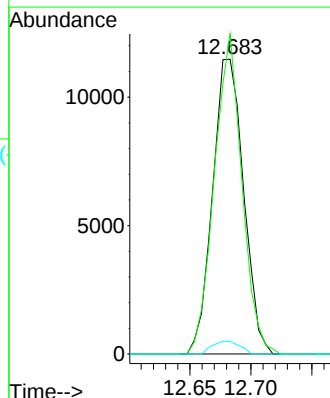
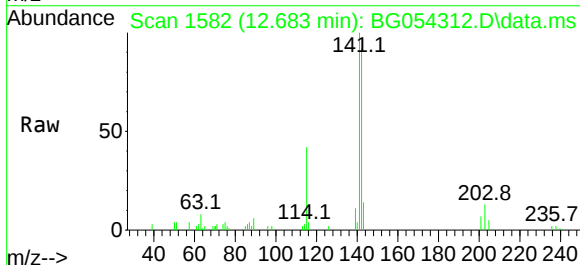
RT: 12.683 min Scan# 1582

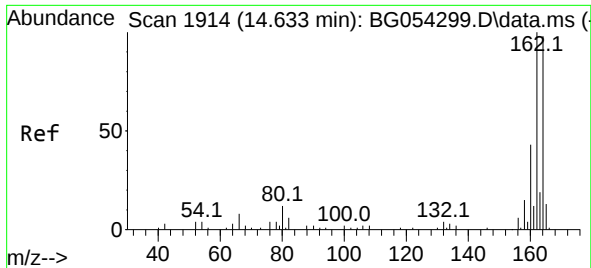
Delta R.T. 0.000 min

Lab File: BG054312.D

Acq: 18 Jul 2022 15:46

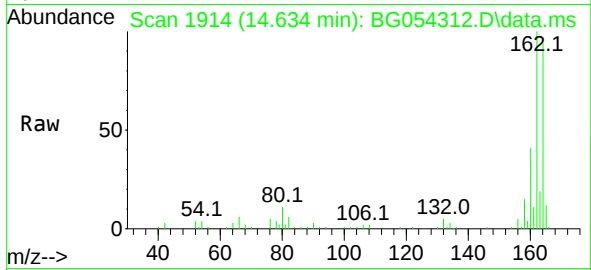
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 20276      |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 108.6 | 76.4 114.6 |
| 116         | 4.3   | 3.3 4.9    |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.634 min Scan# 1914  
Delta R.T. 0.001 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

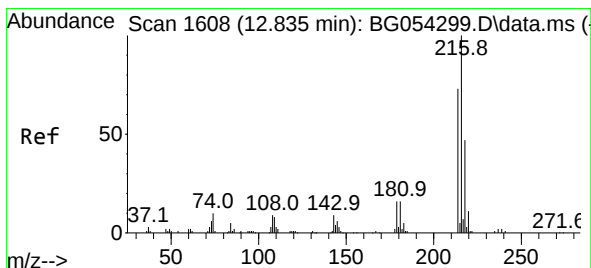
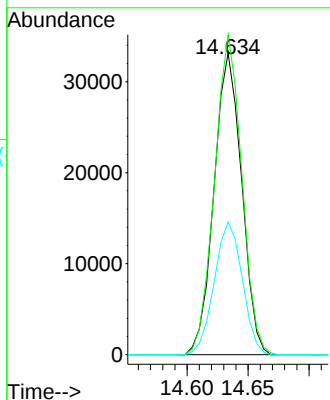
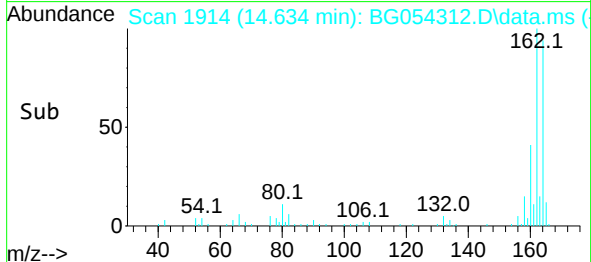
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



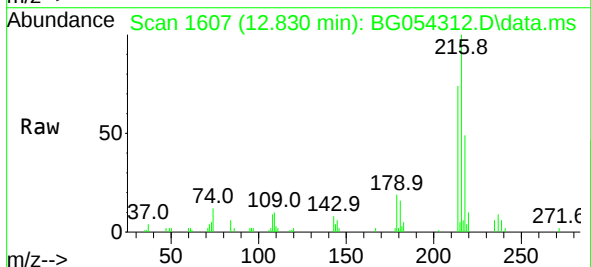
Tgt Ion:164 Resp: 5213  
Ion Ratio Lower Upper  
164 100  
162 106.1 82.3 123.5  
160 44.0 34.2 51.2

Manual Integrations  
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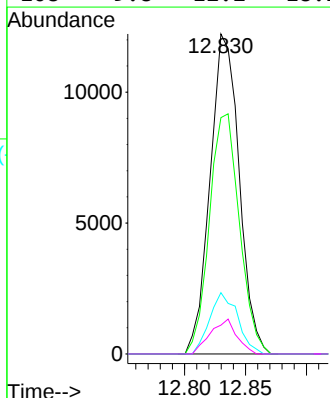
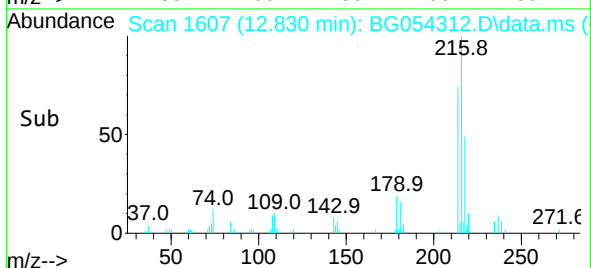
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

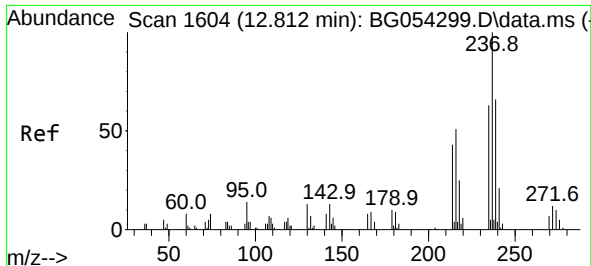


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 8.901 ng  
RT: 12.830 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



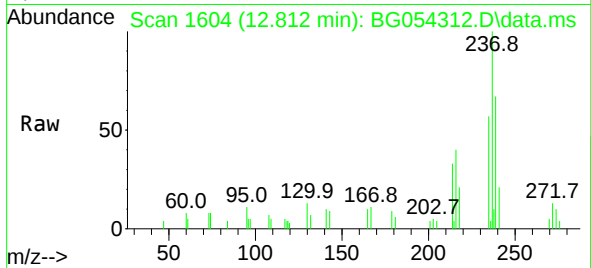
Tgt Ion:216 Resp: 20331  
Ion Ratio Lower Upper  
216 100  
214 77.3 62.9 94.3  
179 18.5 16.1 24.1  
108 9.8 12.2 18.2#





#41  
Hexachlorocyclopentadiene  
Concen: 12.384 ng  
RT: 12.812 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

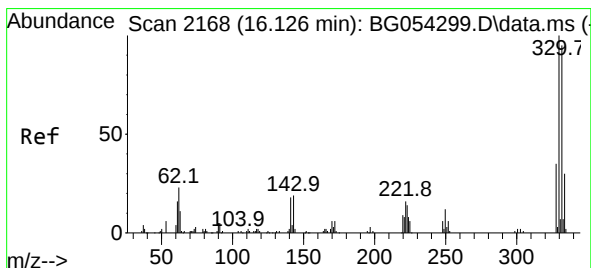
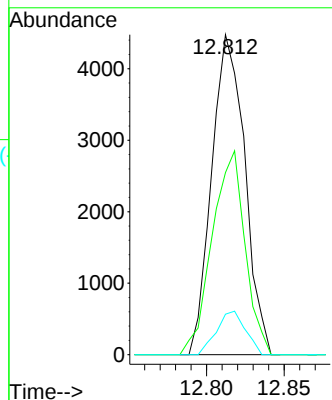
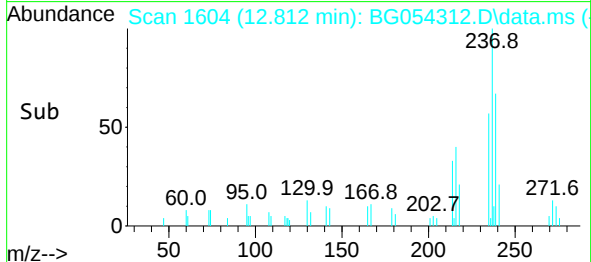
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



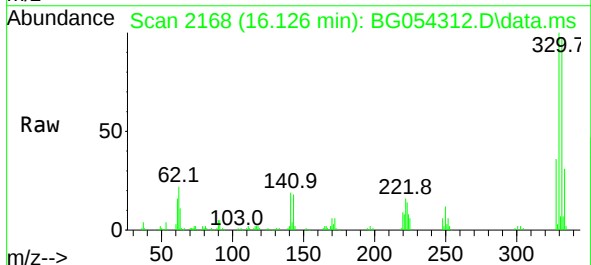
Tgt Ion: 237 Resp: 6630  
Ion Ratio Lower Upper  
237 100  
235 56.9 43.5 83.5  
272 12.7 0.0 30.1

Manual Integrations  
APPROVED

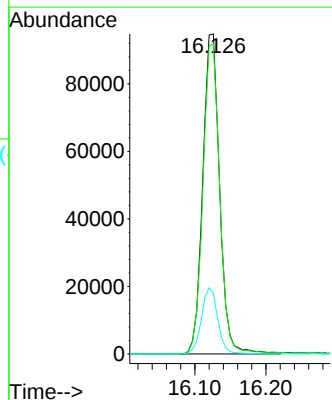
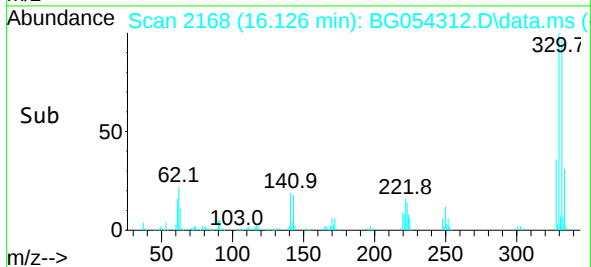
Reviewed By : Christian Giraldo 07/19/2022  
Supervised By : Jagrut Upadhyay 07/19/2022

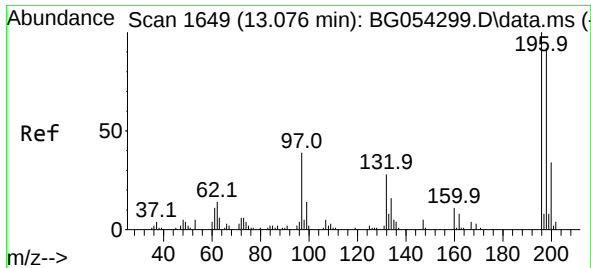


#42  
2,4,6-Tribromophenol  
Concen: 143.023 ng  
RT: 16.126 min Scan# 2168  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



Tgt Ion: 330 Resp: 156553  
Ion Ratio Lower Upper  
330 100  
332 97.4 76.0 114.0  
141 20.0 27.1 40.7#





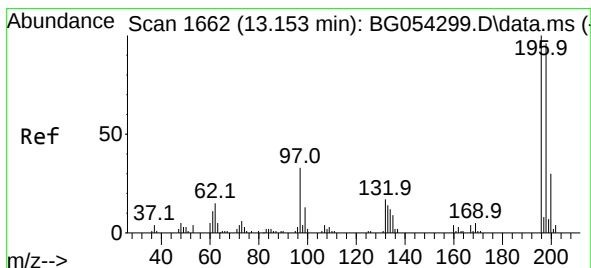
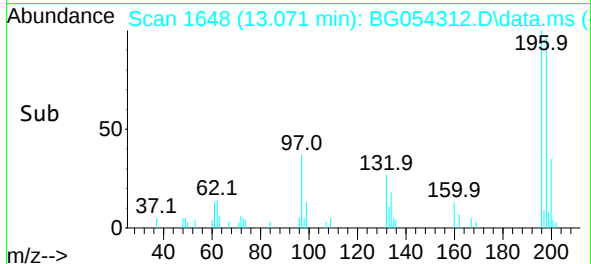
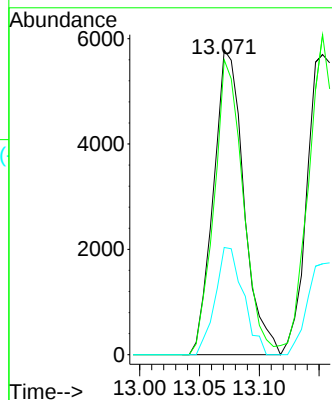
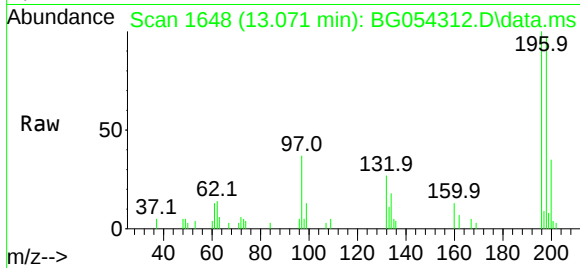
#43  
2,4,6-Trichlorophenol  
Concen: 8.244 ng m  
RT: 13.071 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022

Tgt Ion:196 Resp: 1025  
Ion Ratio Lower Upper  
196 100  
198 96.8 74.1 111.1  
200 35.2 24.7 37.1

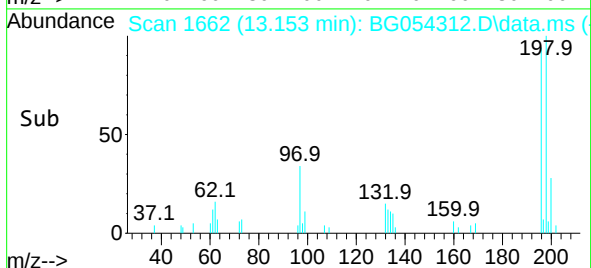
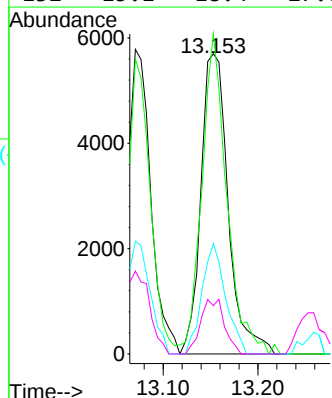
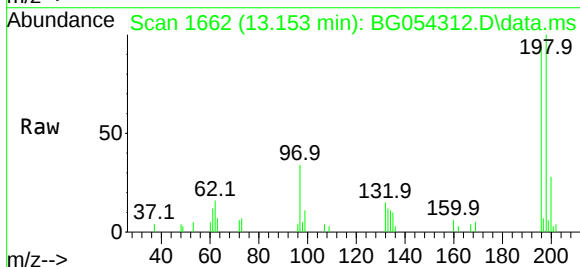
Manual Integrations  
APPROVED

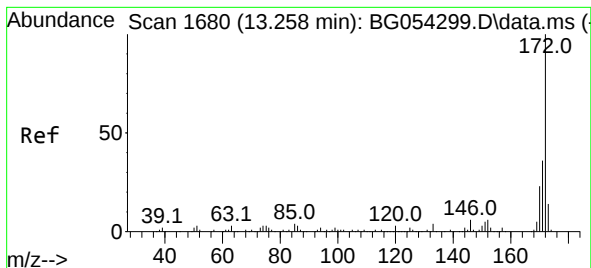
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#44  
2,4,5-Trichlorophenol  
Concen: 8.139 ng  
RT: 13.153 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

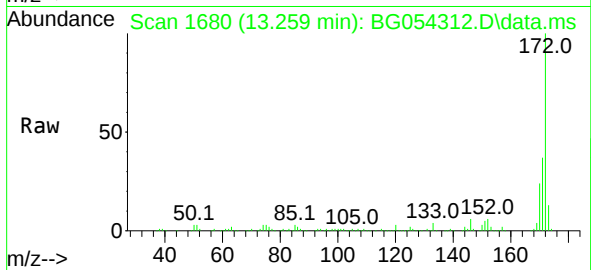
Tgt Ion:196 Resp: 11437  
Ion Ratio Lower Upper  
196 100  
198 99.6 76.8 115.2  
97 34.3 39.8 59.6#  
132 15.1 18.4 27.6#





#45  
2-Fluorobiphenyl  
Concen: 78.972 ng  
RT: 13.259 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

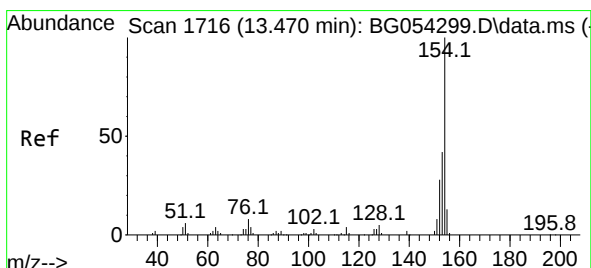
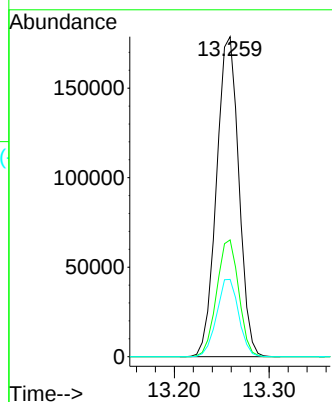
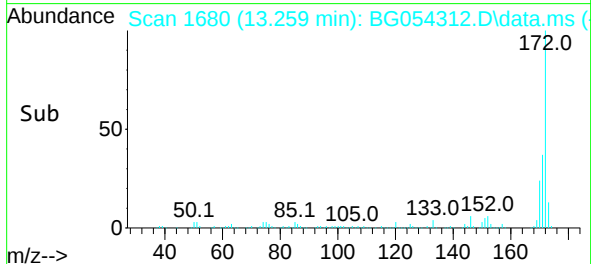
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



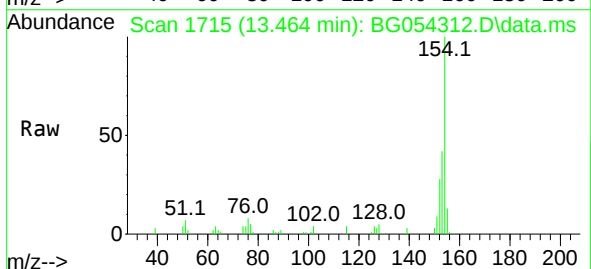
Tgt Ion:172 Resp: 29184  
Ion Ratio Lower Upper  
172 100  
171 36.5 28.5 42.7  
170 24.2 18.9 28.3

Manual Integrations  
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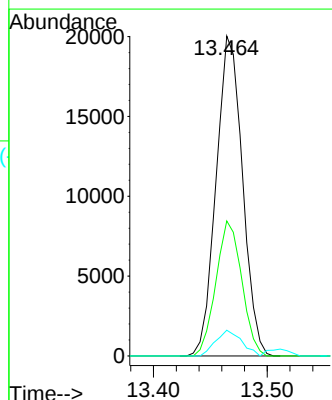
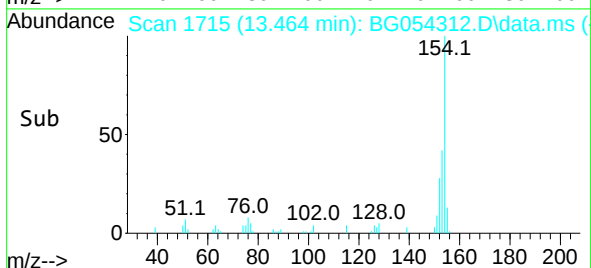
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

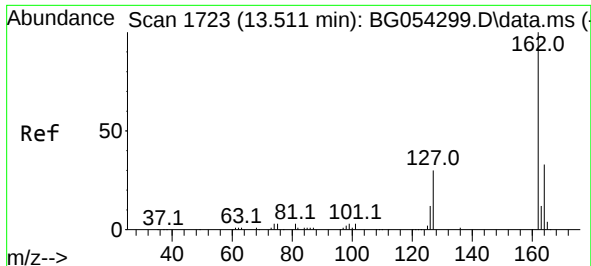


#46  
1,1'-Biphenyl  
Concen: 9.037 ng  
RT: 13.464 min Scan# 1715  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



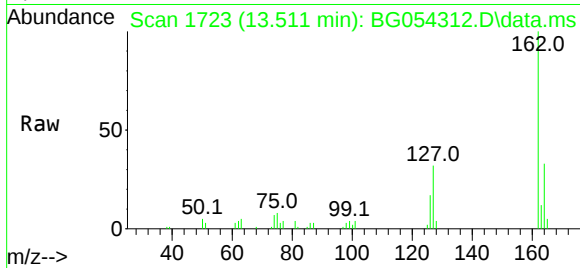
Tgt Ion:154 Resp: 32230  
Ion Ratio Lower Upper  
154 100  
153 42.2 21.6 61.6  
76 8.1 0.0 32.6





#47  
2-Chloronaphthalene  
Concen: 8.777 ng  
RT: 13.511 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

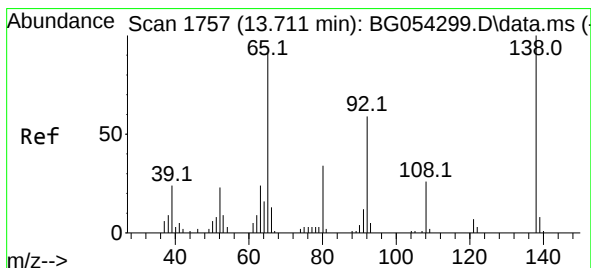
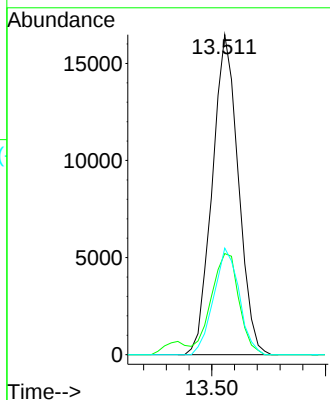
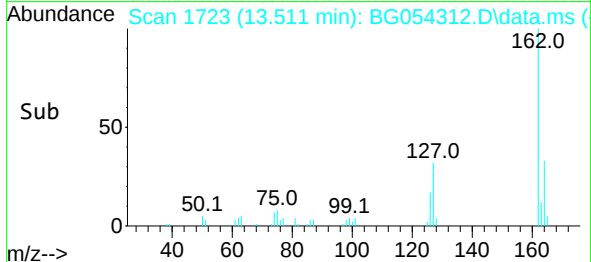
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



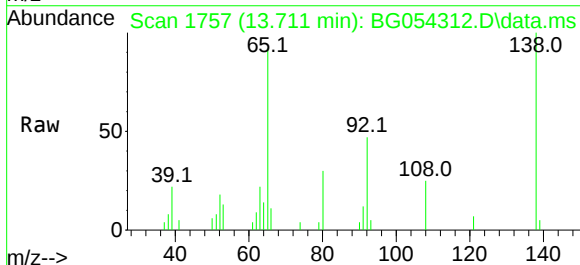
Tgt Ion:162 Resp: 26199  
Ion Ratio Lower Upper  
162 100  
127 31.6 30.6 45.8  
164 33.3 26.5 39.7

Manual Integrations  
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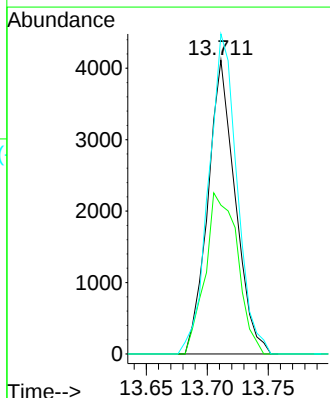
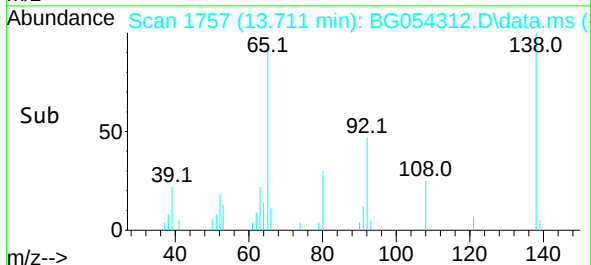
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

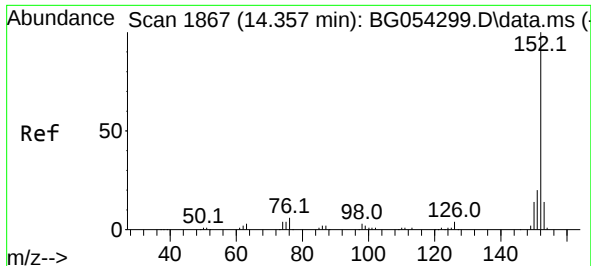


#48  
2-Nitroaniline  
Concen: 8.260 ng  
RT: 13.711 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



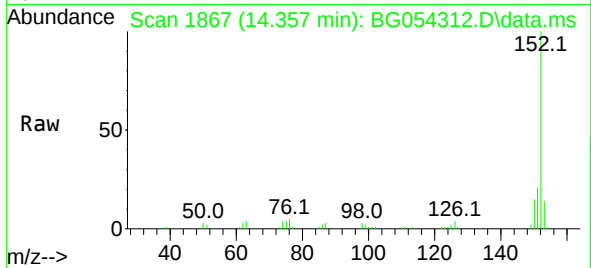
Tgt Ion: 65 Resp: 6434  
Ion Ratio Lower Upper  
65 100  
92 50.7 51.5 77.3#  
138 108.9 71.3 106.9#





#49  
Acenaphthylene  
Concen: 9.240 ng  
RT: 14.357 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

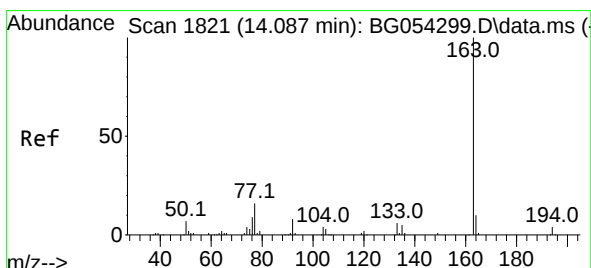
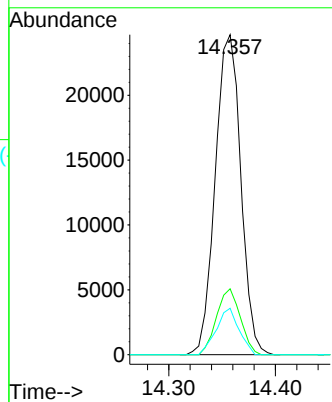
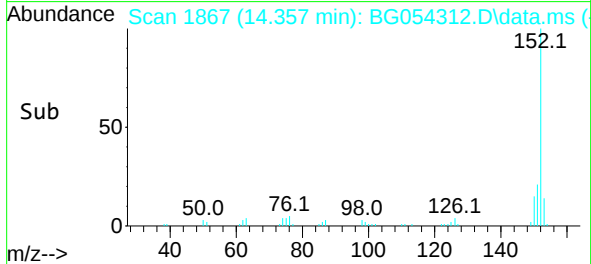
Instrument : BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



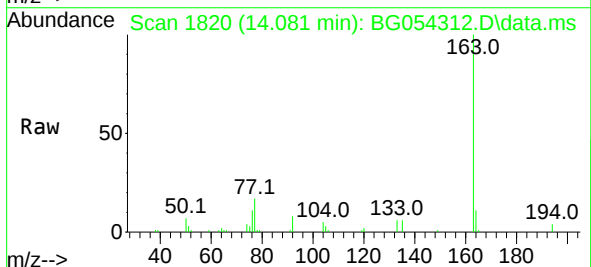
Tgt Ion:152 Resp: 40980  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 14.5 10.8 16.2

Manual Integrations  
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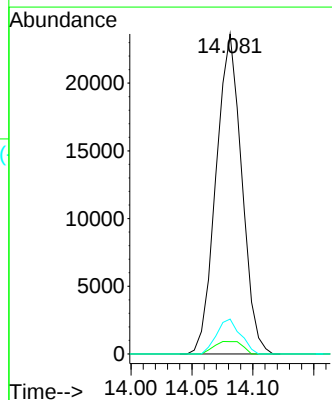
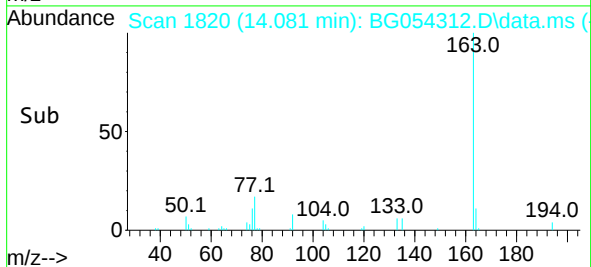
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

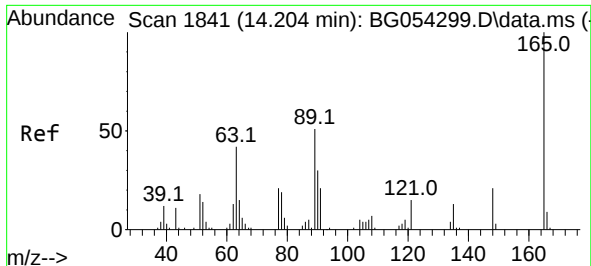


#50  
Dimethylphthalate  
Concen: 8.513 ng  
RT: 14.081 min Scan# 1820  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



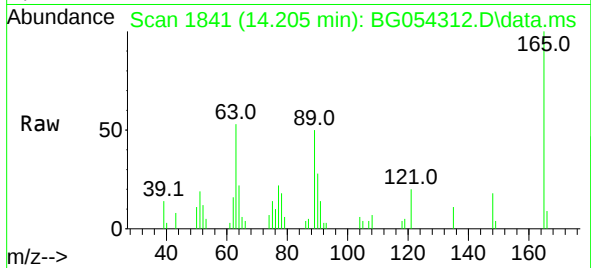
Tgt Ion:163 Resp: 34665  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 10.9 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 8.664 ng  
RT: 14.205 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

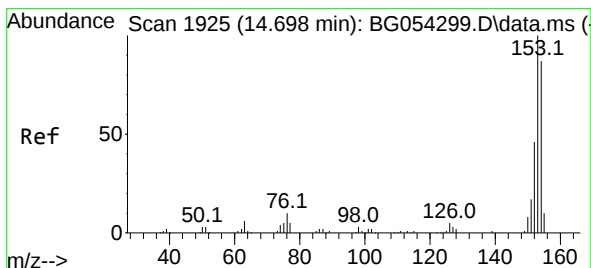
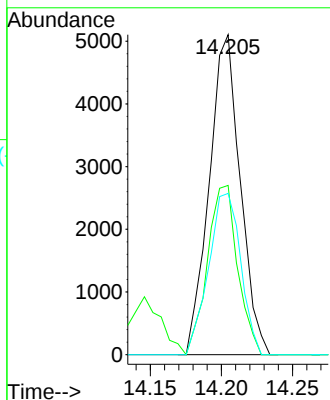
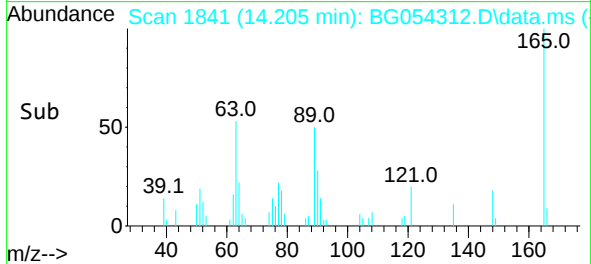
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



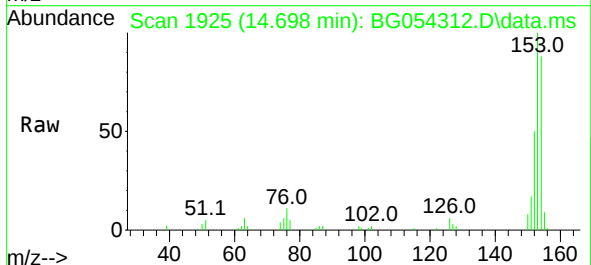
Tgt Ion:165 Resp: 7738  
Ion Ratio Lower Upper  
165 100  
63 52.9 54.1 81.1  
89 50.4 54.8 82.2

Manual Integrations  
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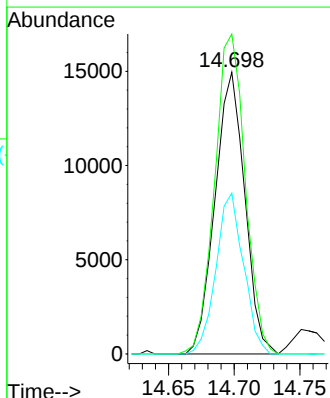
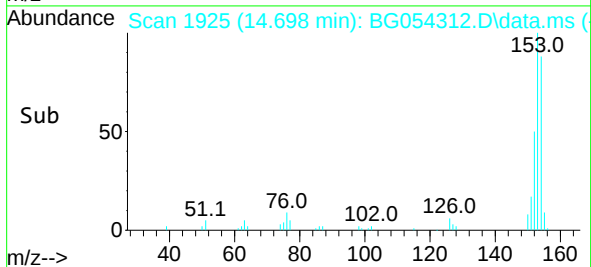
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

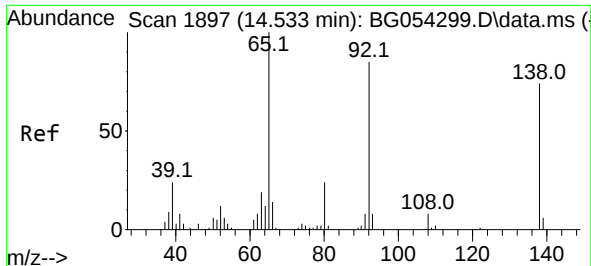


#52  
Acenaphthene  
Concen: 8.767 ng  
RT: 14.698 min Scan# 1925  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



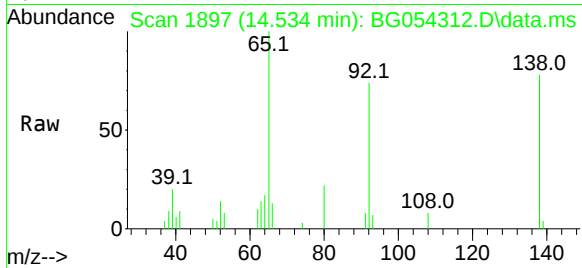
Tgt Ion:154 Resp: 23546  
Ion Ratio Lower Upper  
154 100  
153 113.6 92.7 139.1  
152 57.1 42.6 64.0





#53  
3-Nitroaniline  
Concen: 8.199 ng  
RT: 14.534 min Scan# 1897  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

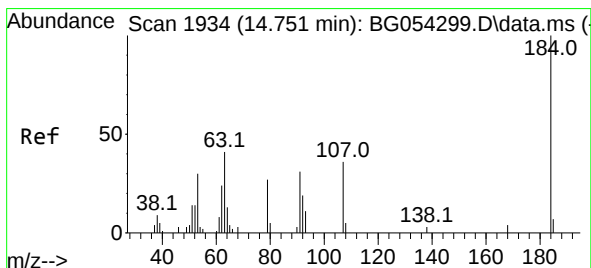
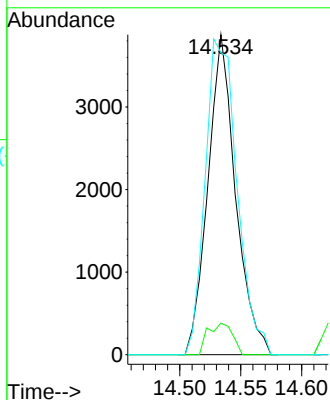
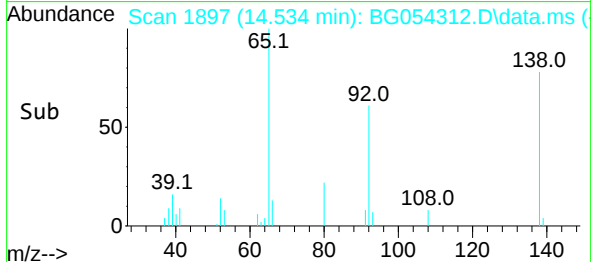
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



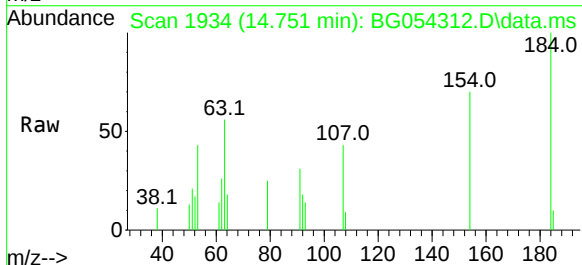
Tgt Ion:138 Resp: 612  
Ion Ratio Lower Upper  
138 100  
108 9.9 9.2 13.8  
92 94.3 101.9 152.9

Manual Integrations  
APPROVED

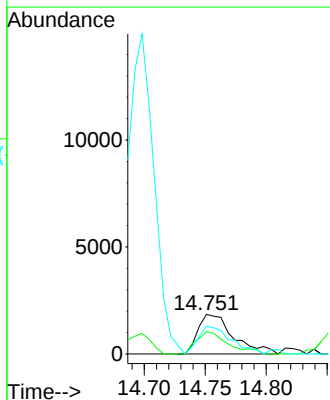
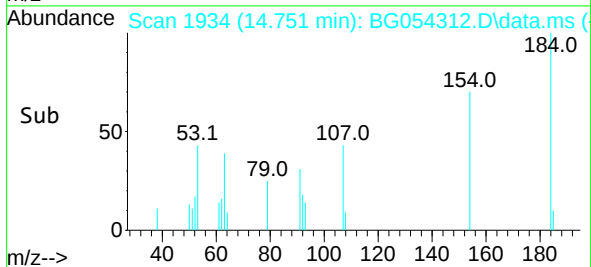
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

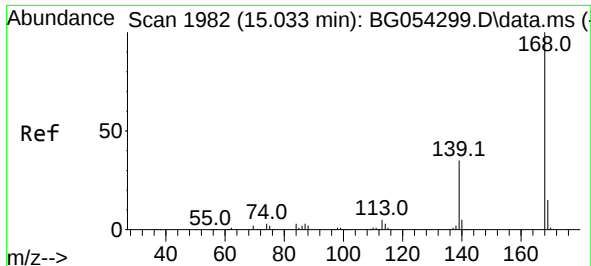


#54  
2,4-Dinitrophenol  
Concen: 8.554 ng  
RT: 14.751 min Scan# 1934  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



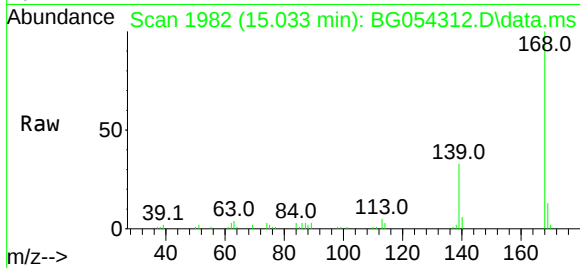
Tgt Ion:184 Resp: 3712  
Ion Ratio Lower Upper  
184 100  
63 56.4 61.1 91.7#  
154 70.4 60.6 91.0





#55  
Dibenzenofuran  
Concen: 8.845 ng  
RT: 15.033 min Scan# 1982  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

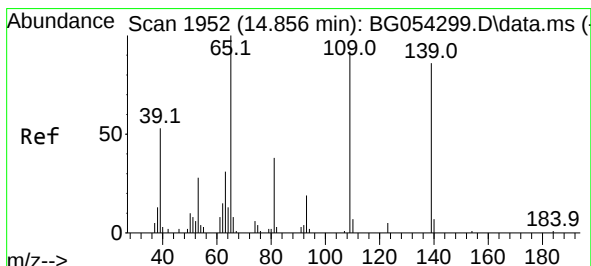
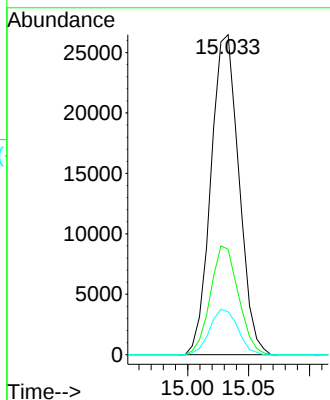
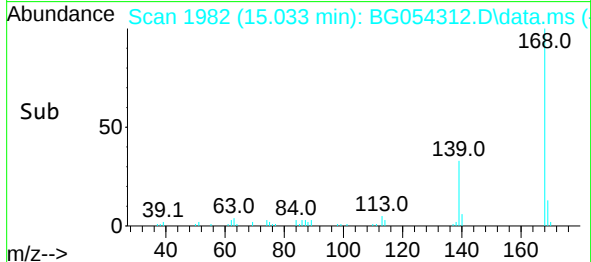
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



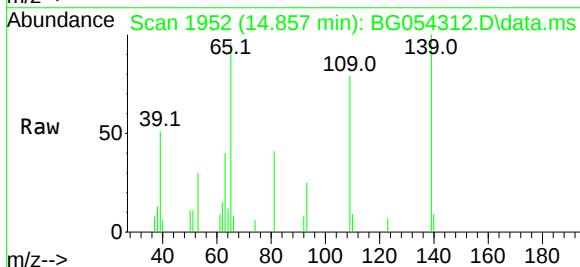
Tgt Ion:168 Resp: 4226  
Ion Ratio Lower Upper  
168 100  
139 33.0 30.5 45.7  
169 13.4 10.3 15.5

Manual Integrations  
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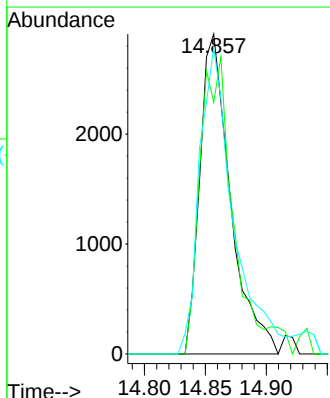
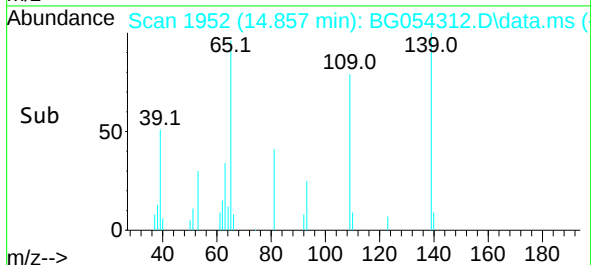
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

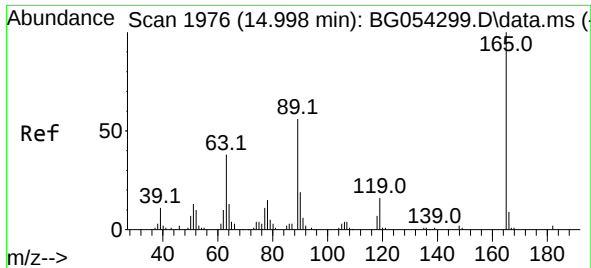


#56  
4-Nitrophenol  
Concen: 10.181 ng  
RT: 14.857 min Scan# 1952  
Delta R.T. 0.001 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



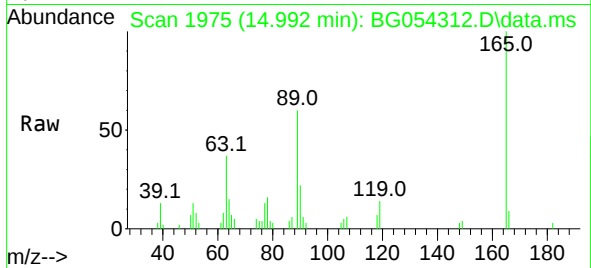
Tgt Ion:139 Resp: 5074  
Ion Ratio Lower Upper  
139 100  
109 78.6 88.5 128.5#  
65 95.8 93.9 133.9





#57  
2,4-Dinitrotoluene  
Concen: 8.623 ng  
RT: 14.992 min Scan# 1975  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

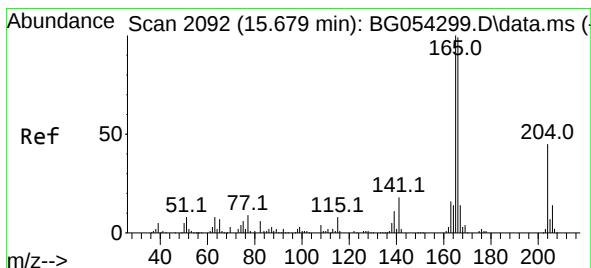
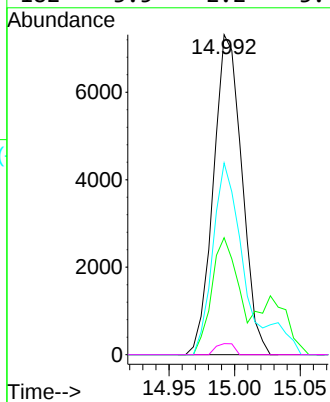
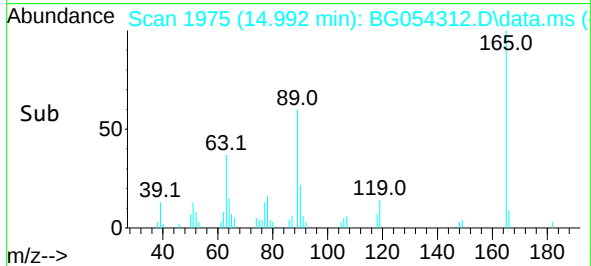
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:165 Resp: 1104  
Ion Ratio Lower Upper  
165 100  
63 36.5 34.6 52.0  
89 59.9 60.3 90.5  
182 3.5 2.2 3.4#

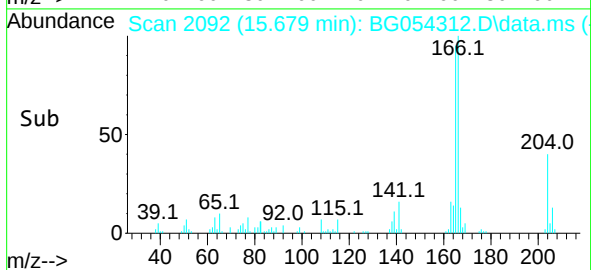
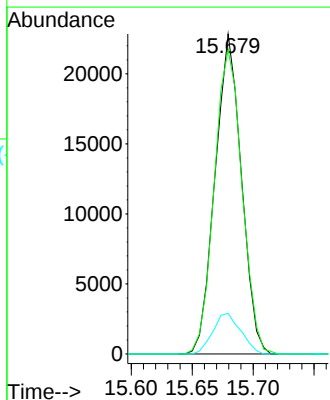
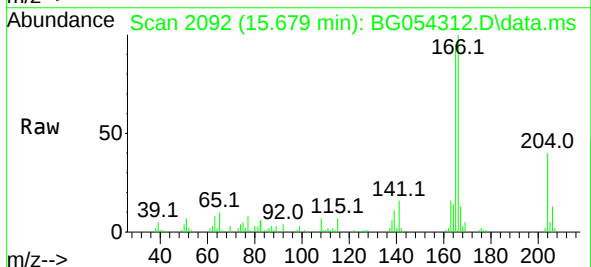
Manual Integrations  
APPROVED

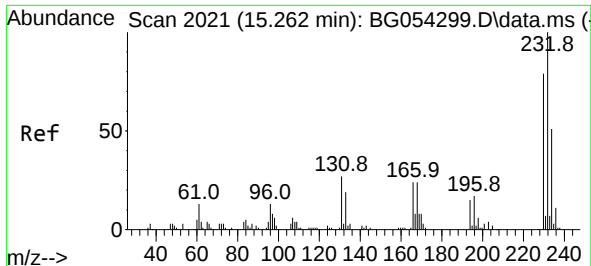
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#58  
Fluorene  
Concen: 8.722 ng  
RT: 15.679 min Scan# 2092  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

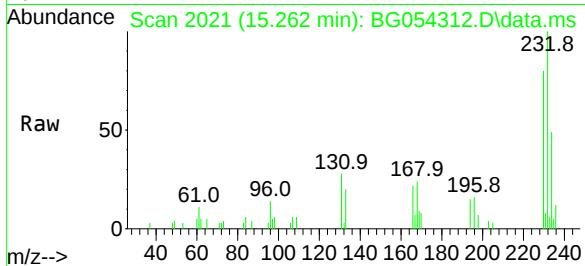
Tgt Ion:166 Resp: 34270  
Ion Ratio Lower Upper  
166 100  
165 95.0 75.0 112.6  
167 12.7 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 8.016 ng  
RT: 15.262 min Scan# 2021  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

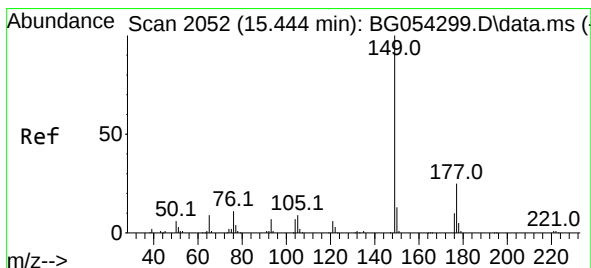
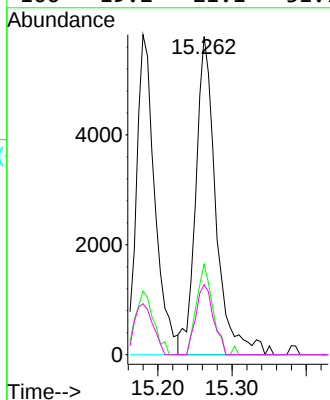
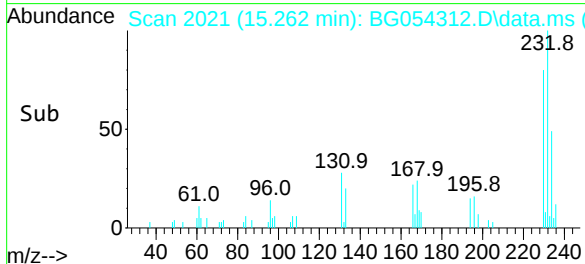
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



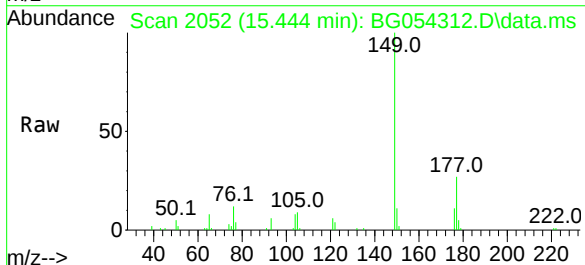
Tgt Ion:232 Resp: 10960  
Ion Ratio Lower Upper  
232 100  
131 22.5 30.6 46.0  
130 0.0 1.8 2.8  
166 19.2 21.1 31.7#

Manual Integrations  
APPROVED

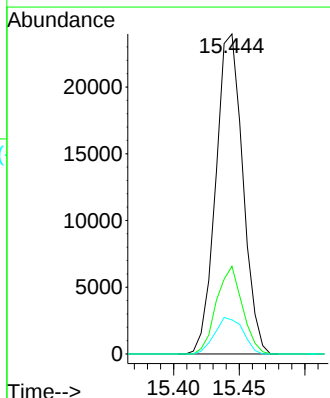
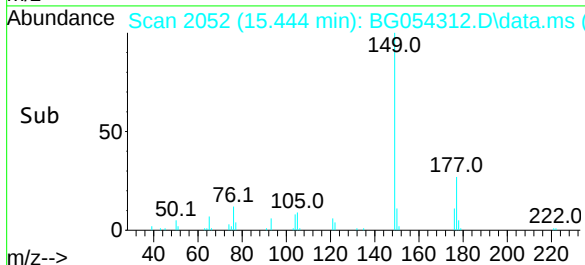
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

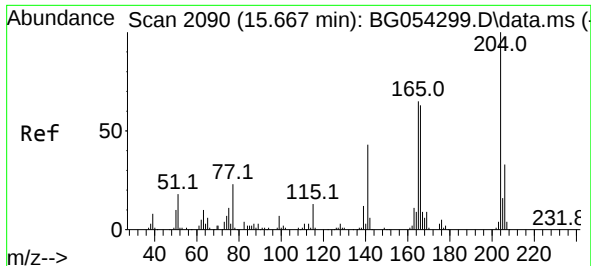


#60  
Diethylphthalate  
Concen: 8.780 ng  
RT: 15.444 min Scan# 2052  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



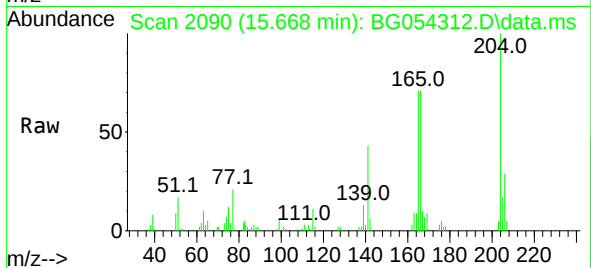
Tgt Ion:149 Resp: 34297  
Ion Ratio Lower Upper  
149 100  
177 27.4 18.4 27.6  
150 10.7 11.2 16.8#





#61  
4-Chlorophenyl-phenylether  
Concen: 9.273 ng  
RT: 15.668 min Scan# 2090  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

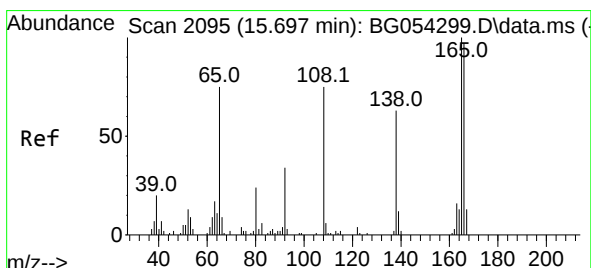
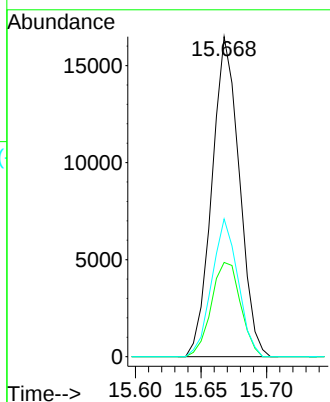
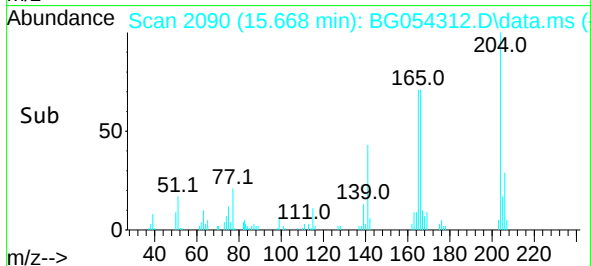
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



Tgt Ion:204 Resp: 2391  
Ion Ratio Lower Upper  
204 100  
206 29.4 27.5 41.3  
141 43.1 45.3 67.9

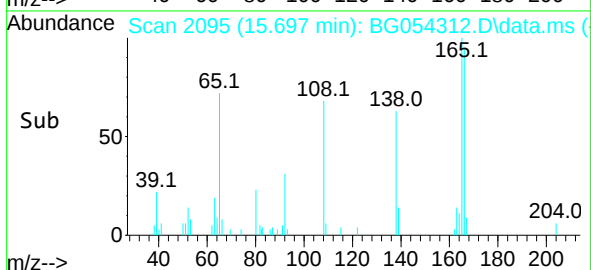
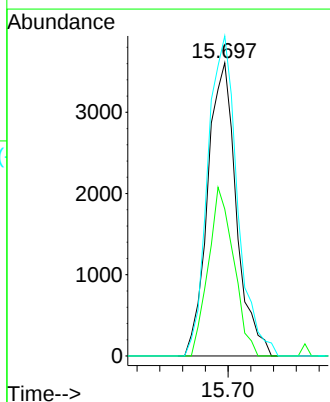
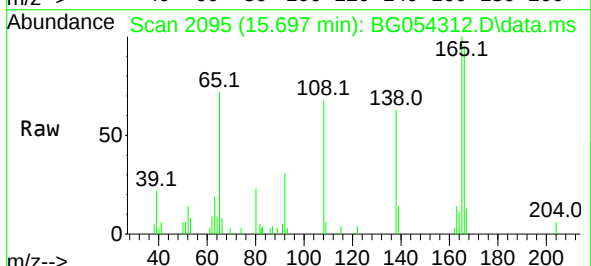
Manual Integrations  
APPROVED

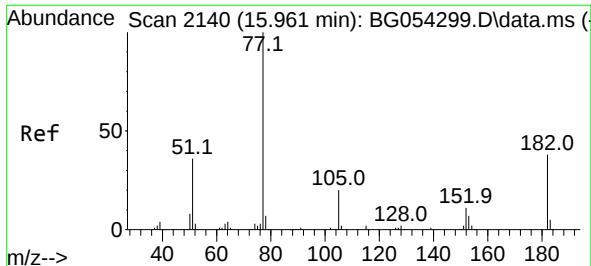
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#62  
4-Nitroaniline  
Concen: 8.059 ng  
RT: 15.697 min Scan# 2095  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

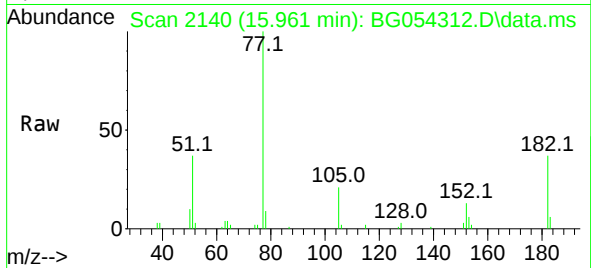
Tgt Ion:138 Resp: 6325  
Ion Ratio Lower Upper  
138 100  
92 50.1 40.5 80.5  
108 109.1 103.7 143.7





#63  
Azobenzene  
Concen: 8.385 ng  
RT: 15.961 min Scan# 2140  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

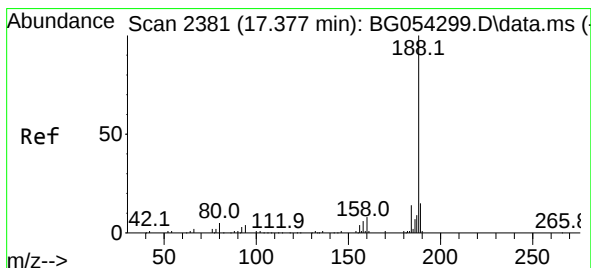
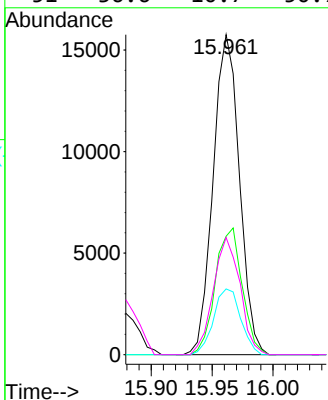
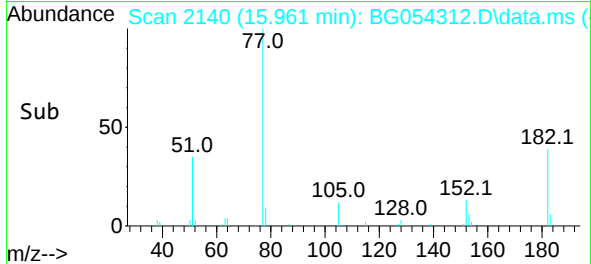
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



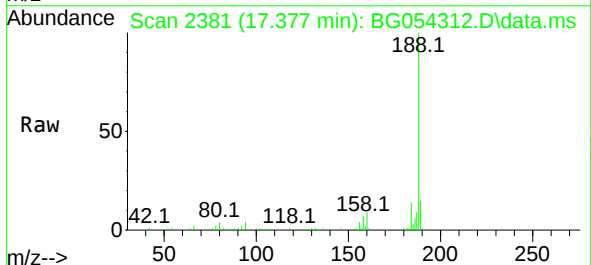
Tgt Ion: 77 Resp: 2366  
Ion Ratio Lower Upper  
77 100  
182 37.0 3.8 43.8  
105 20.5 0.0 37.8  
51 36.6 10.7 50.7

Manual Integrations  
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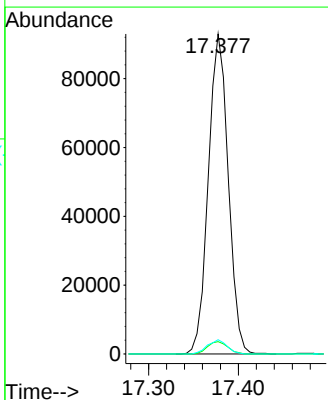
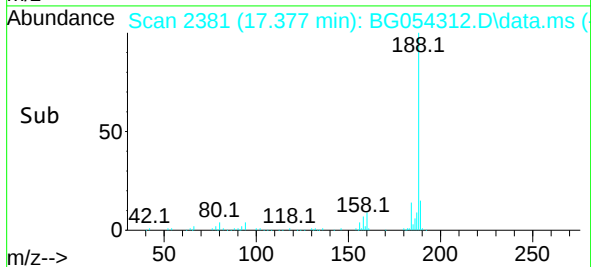
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

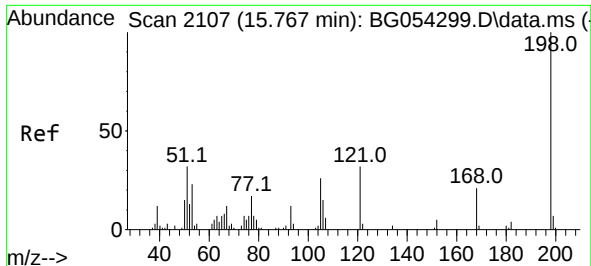


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.377 min Scan# 2381  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



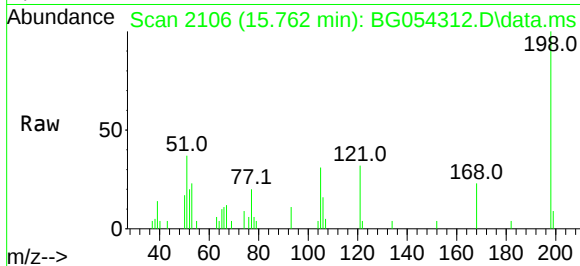
Tgt Ion:188 Resp: 143214  
Ion Ratio Lower Upper  
188 100  
94 3.9 5.4 8.0#  
80 4.4 6.8 10.2#





#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.125 ng  
RT: 15.762 min Scan# 2106  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

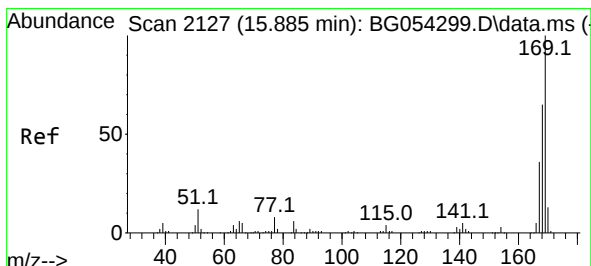
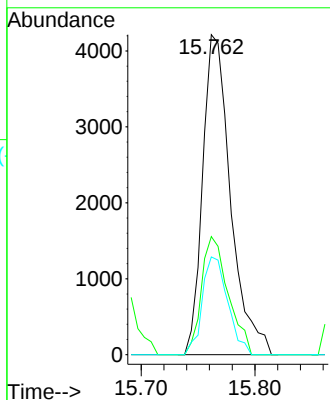
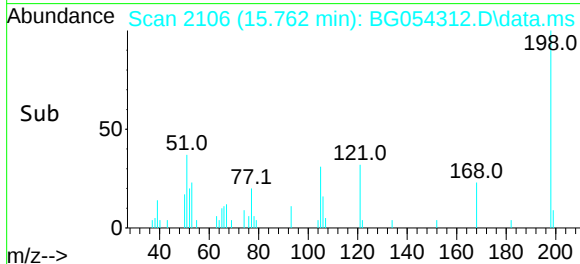
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



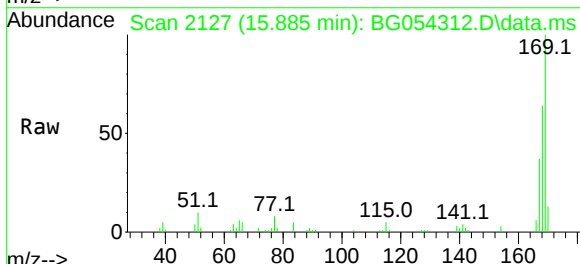
Tgt Ion:198 Resp: 7189  
Ion Ratio Lower Upper  
198 100  
51 36.9 28.1 68.1  
105 30.5 20.3 60.3

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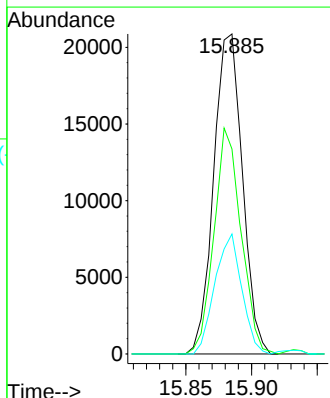
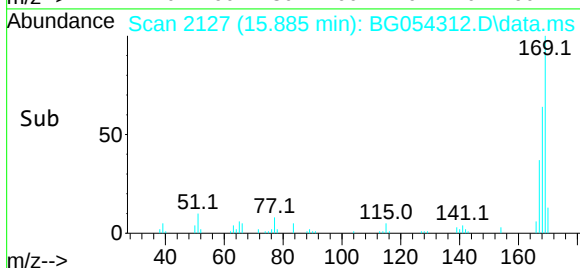
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

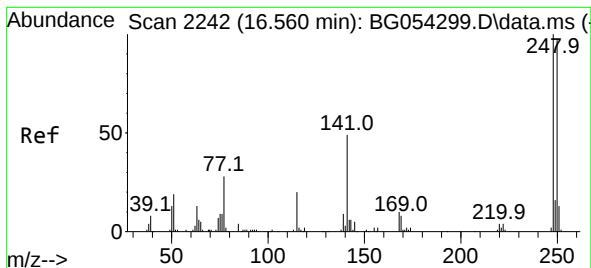


#66  
n-Nitrosodiphenylamine  
Concen: 8.879 ng  
RT: 15.885 min Scan# 2127  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



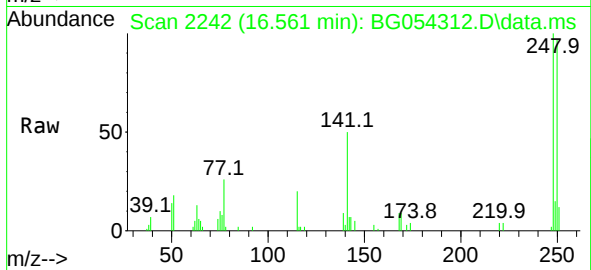
Tgt Ion:169 Resp: 31749  
Ion Ratio Lower Upper  
169 100  
168 64.0 55.9 83.9  
167 37.5 30.6 46.0





#67  
4-Bromophenyl-phenylether  
Concen: 8.617 ng  
RT: 16.561 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

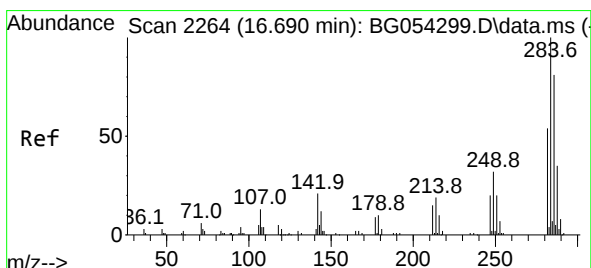
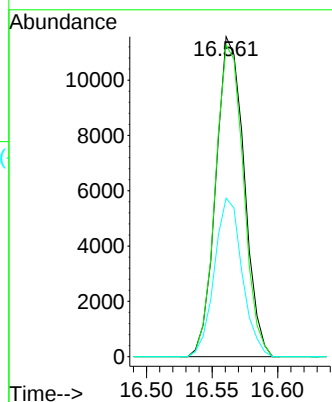
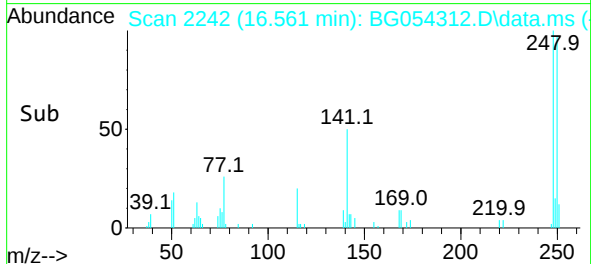
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



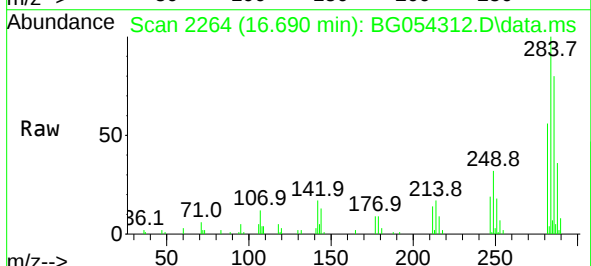
Tgt Ion:248 Resp: 1733  
Ion Ratio Lower Upper  
248 100  
250 97.4 75.2 112.8  
141 49.6 50.0 75.0

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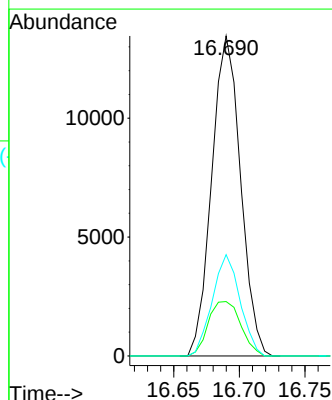
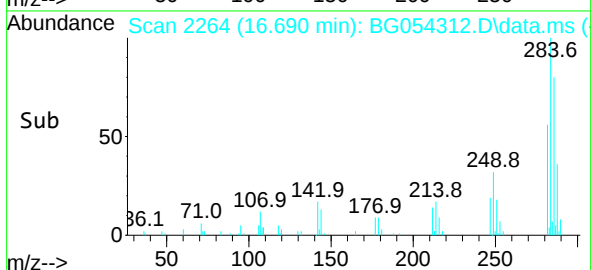
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

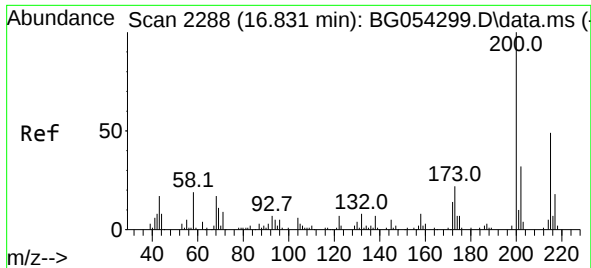


#68  
Hexachlorobenzene  
Concen: 8.939 ng  
RT: 16.690 min Scan# 2264  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



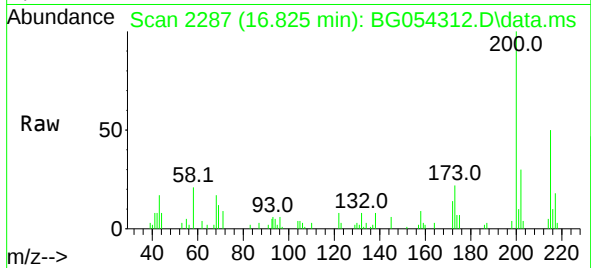
Tgt Ion:284 Resp: 20561  
Ion Ratio Lower Upper  
284 100  
142 17.0 23.6 35.4#  
249 31.7 25.8 38.6





#69  
 Atrazine  
 Concen: 9.867 ng  
 RT: 16.825 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG054312.D  
 Acq: 18 Jul 2022 15:46

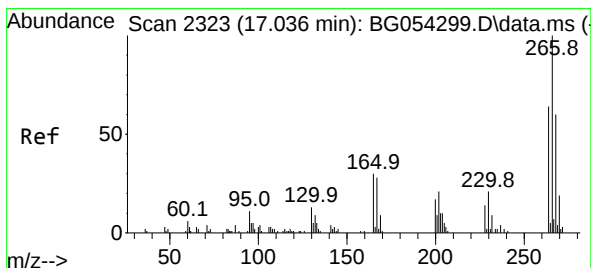
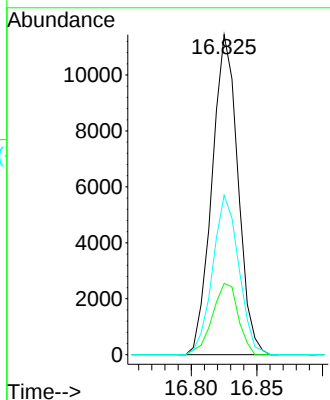
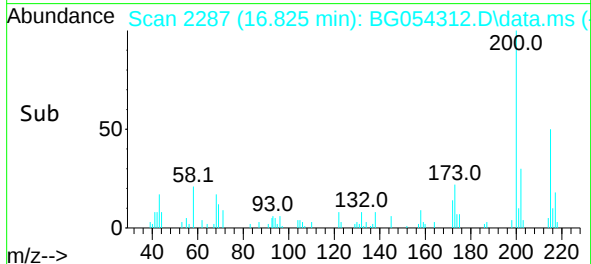
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2022



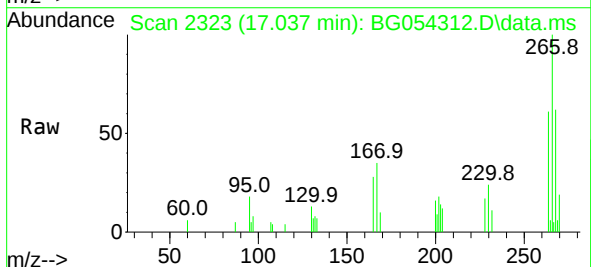
Tgt Ion:200 Resp: 1569  
 Ion Ratio Lower Upper  
 200 100  
 173 22.3 3.7 43.7  
 215 49.9 25.2 65.2

Manual Integrations  
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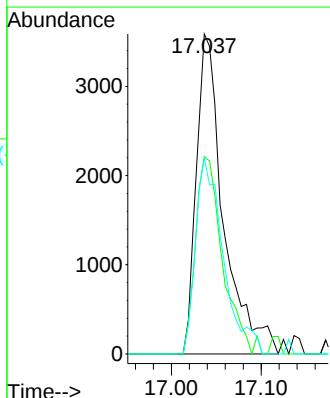
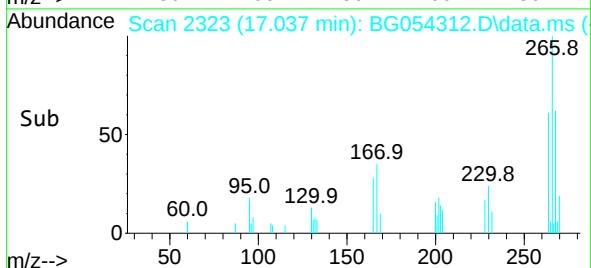
Reviewed By :Christian Giraldo 07/19/2022  
 Supervised By :Jagrut Upadhyay 07/19/2022

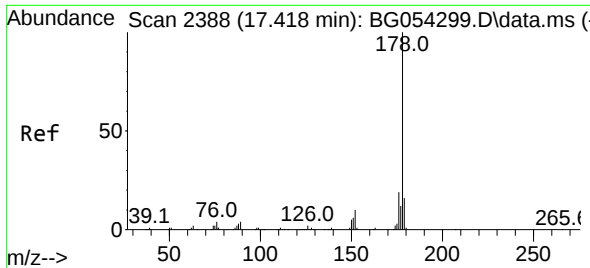


#70  
 Pentachlorophenol  
 Concen: 8.372 ng  
 RT: 17.037 min Scan# 2323  
 Delta R.T. 0.001 min  
 Lab File: BG054312.D  
 Acq: 18 Jul 2022 15:46



Tgt Ion:266 Resp: 7535  
 Ion Ratio Lower Upper  
 266 100  
 268 61.6 56.2 84.2  
 264 61.3 53.0 79.4





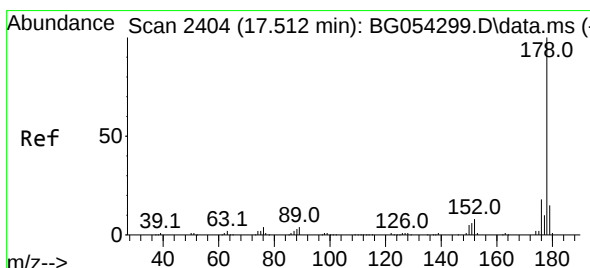
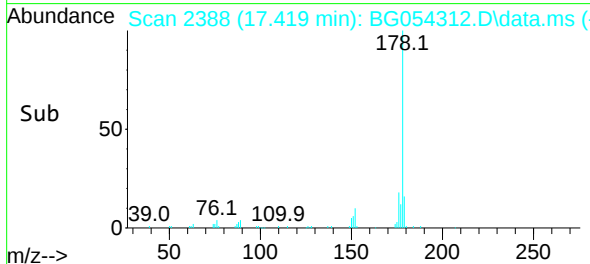
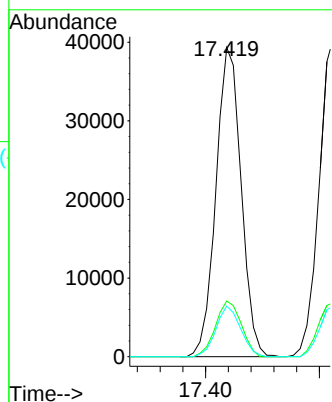
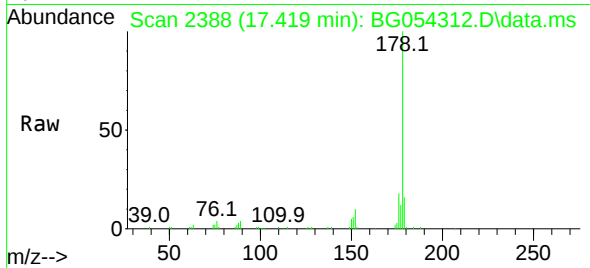
#71  
Phenanthrene  
Concen: 8.484 ng  
RT: 17.419 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022

Tgt Ion:178 Resp: 60509  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.1 21.1  
179 16.4 12.1 18.1

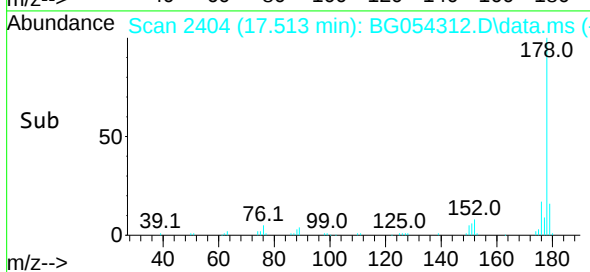
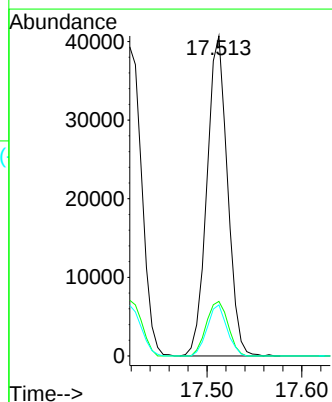
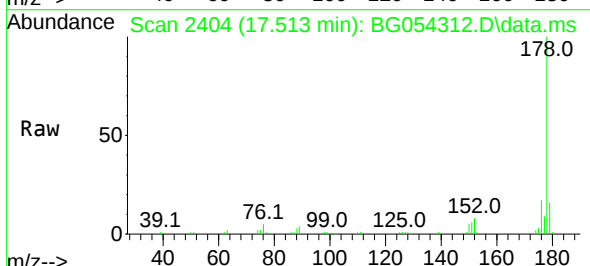
Manual Integrations  
APPROVED

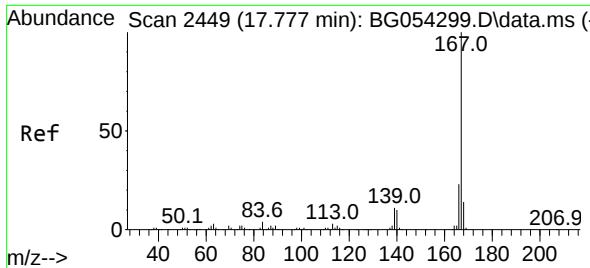
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#72  
Anthracene  
Concen: 8.746 ng  
RT: 17.513 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

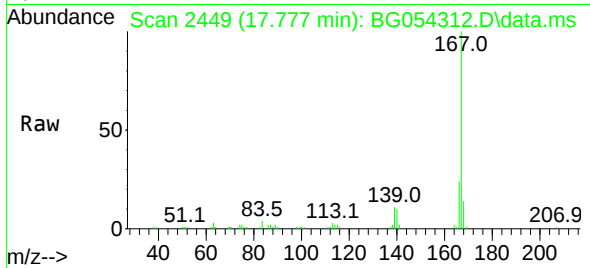
Tgt Ion:178 Resp: 61208  
Ion Ratio Lower Upper  
178 100  
176 17.1 15.2 22.8  
179 15.9 13.0 19.4





#73  
 Carbazole  
 Concen: 8.879 ng  
 RT: 17.777 min Scan# 2449  
 Delta R.T. 0.000 min  
 Lab File: BG054312.D  
 Acq: 18 Jul 2022 15:46

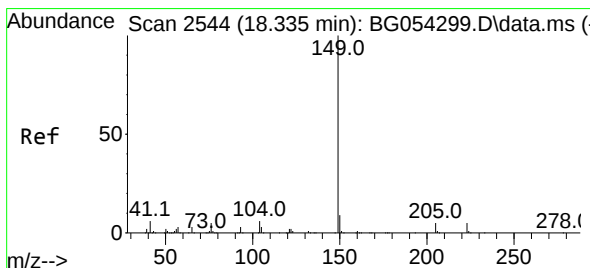
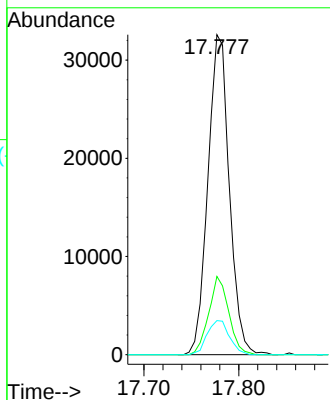
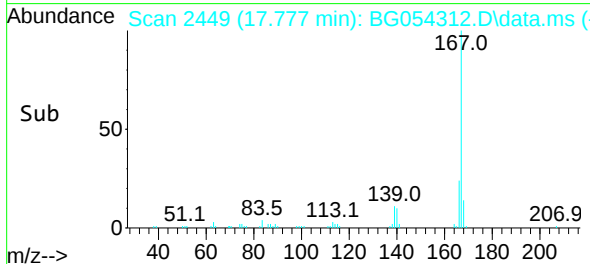
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2022



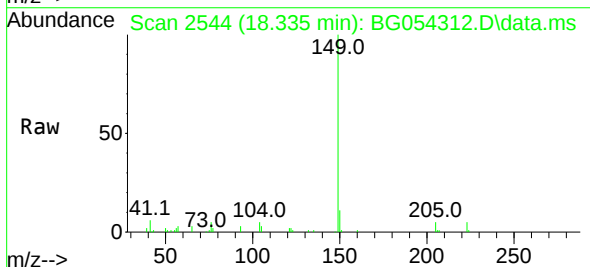
Tgt Ion:167 Resp: 5116  
 Ion Ratio Lower Upper  
 167 100  
 166 24.5 18.2 27.2  
 139 10.7 10.1 15.1

Manual Integrations  
 APPROVED

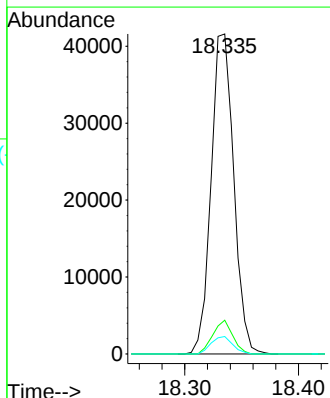
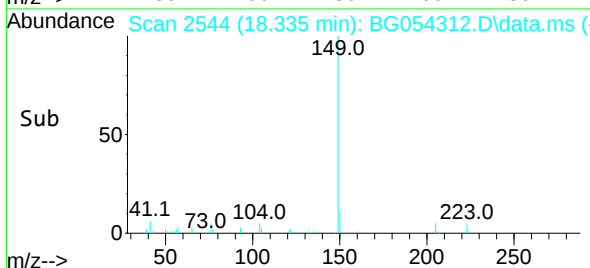
Reviewed By :Christian Giraldo 07/19/2022  
 Supervised By :Jagrut Upadhyay 07/19/2022

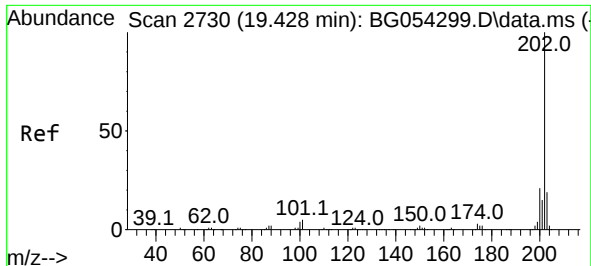


#74  
 Di-n-butylphthalate  
 Concen: 8.455 ng  
 RT: 18.335 min Scan# 2544  
 Delta R.T. 0.000 min  
 Lab File: BG054312.D  
 Acq: 18 Jul 2022 15:46



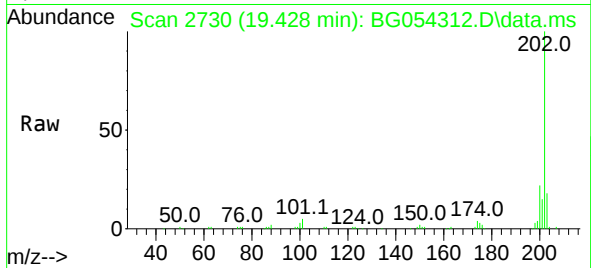
Tgt Ion:149 Resp: 57489  
 Ion Ratio Lower Upper  
 149 100  
 150 10.5 7.7 11.5  
 104 5.5 5.4 8.0





#75  
Fluoranthene  
Concen: 8.696 ng  
RT: 19.428 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

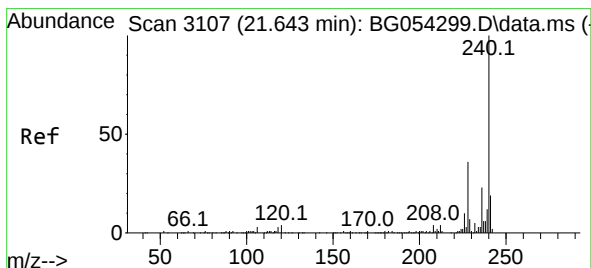
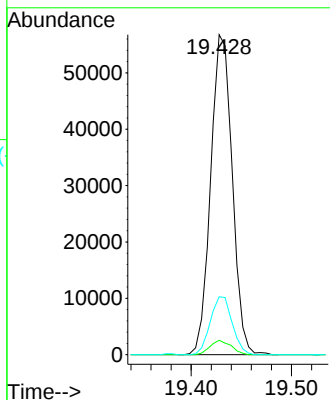
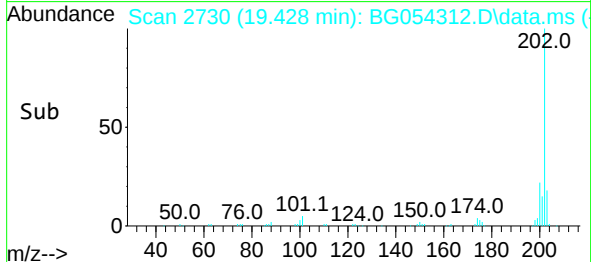
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



Tgt Ion:202 Resp: 84539  
Ion Ratio Lower Upper  
202 100  
101 4.5 0.0 26.9  
203 18.1 0.0 37.2

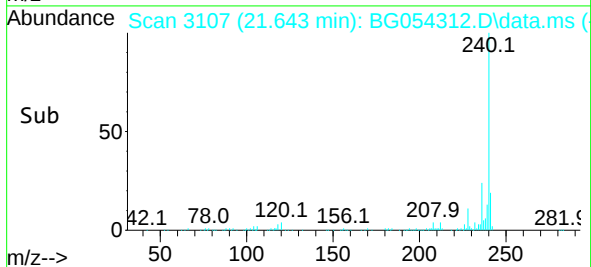
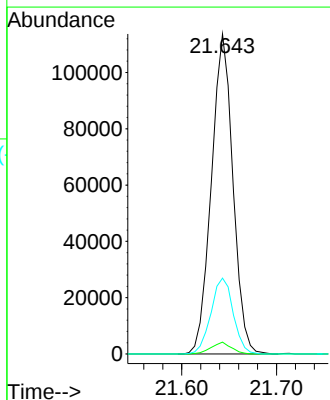
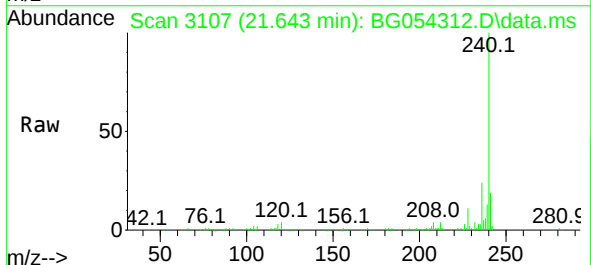
Manual Integrations  
APPROVED

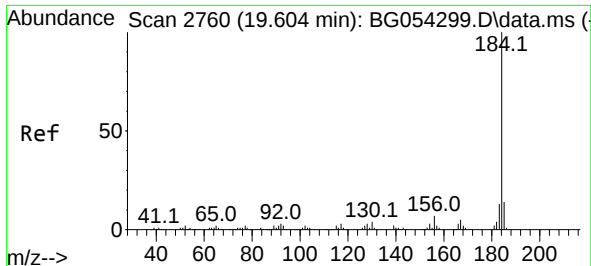
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.643 min Scan# 3107  
Delta R.T. -0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

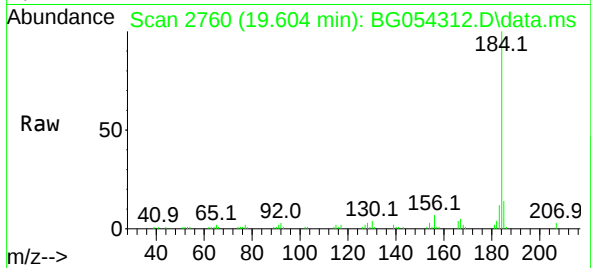
Tgt Ion:240 Resp: 179248  
Ion Ratio Lower Upper  
240 100  
120 3.7 4.6 7.0#  
236 23.7 20.2 30.4





#77  
Benzidine  
Concen: 11.225 ng  
RT: 19.604 min Scan# 2760  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

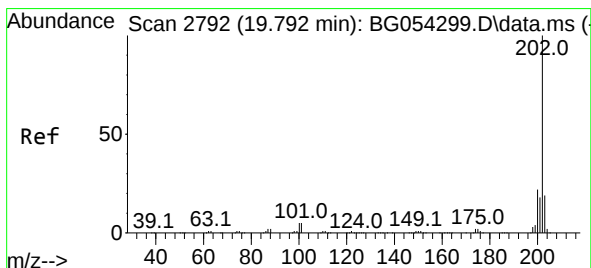
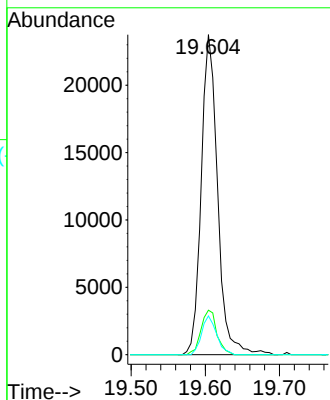
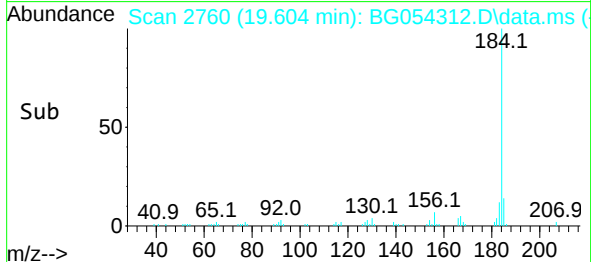
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



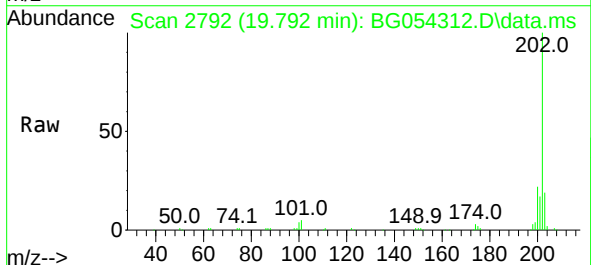
Tgt Ion:184 Resp: 36440  
Ion Ratio Lower Upper  
184 100  
185 13.9 11.8 17.6  
183 12.1 8.9 13.3

Manual Integrations  
APPROVED

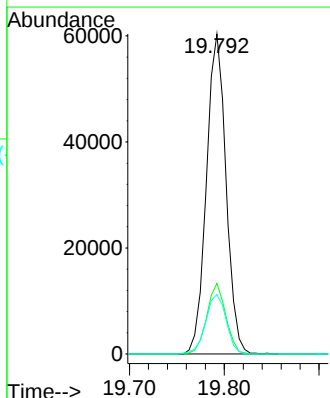
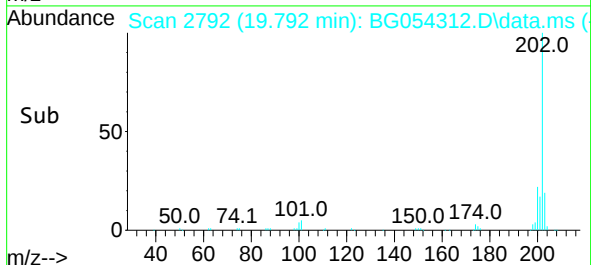
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

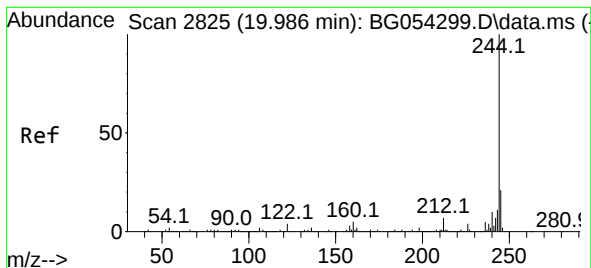


#78  
Pyrene  
Concen: 8.401 ng  
RT: 19.792 min Scan# 2792  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



Tgt Ion:202 Resp: 86402  
Ion Ratio Lower Upper  
202 100  
200 22.0 16.6 24.8  
203 18.6 14.6 21.8





#79

Terphenyl-d14

Concen: 79.141 ng

RT: 19.986 min Scan# 2825

Delta R.T. 0.000 min

Lab File: BG054312.D

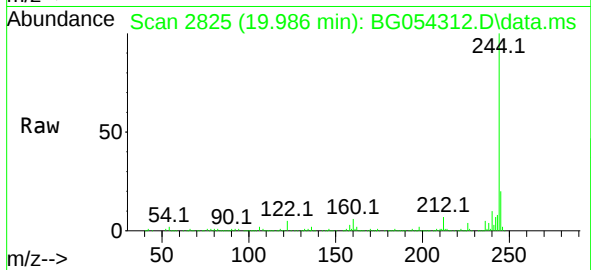
Acq: 18 Jul 2022 15:46

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion:244 Resp: 71508

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

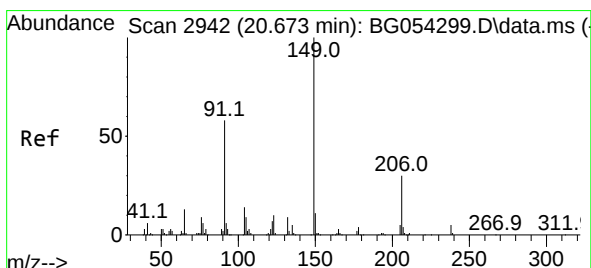
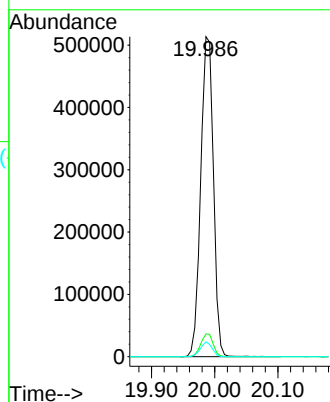
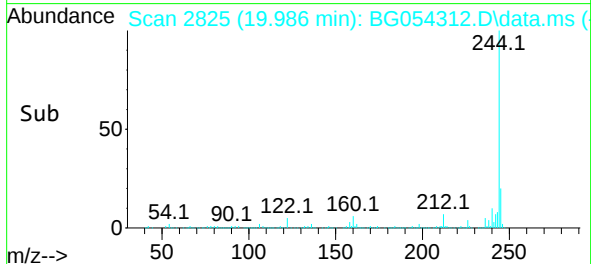
122 4.7 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#80

Butylbenzylphthalate

Concen: 7.954 ng

RT: 20.674 min Scan# 2942

Delta R.T. 0.000 min

Lab File: BG054312.D

Acq: 18 Jul 2022 15:46

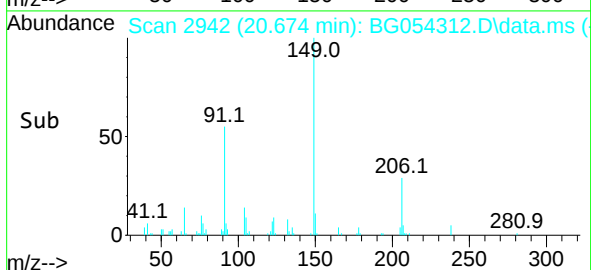
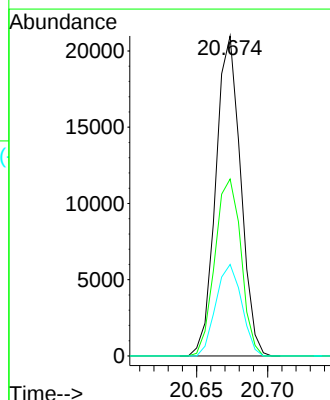
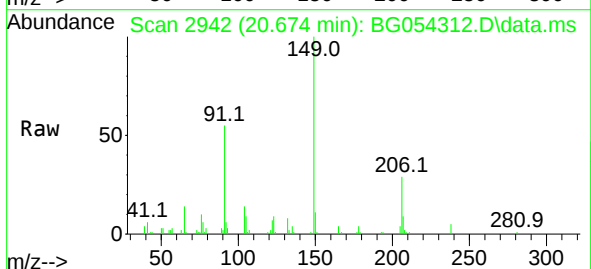
Tgt Ion:149 Resp: 25495

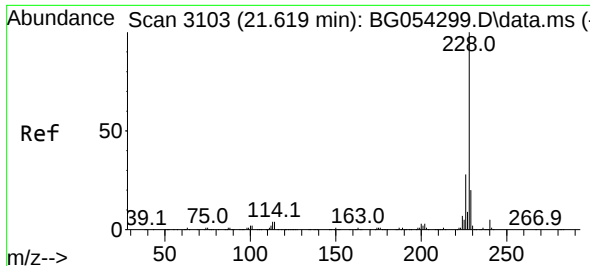
Ion Ratio Lower Upper

149 100

91 55.3 59.6 89.4#

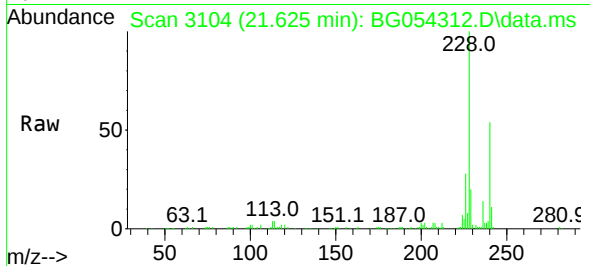
206 28.6 18.6 28.0#





#81  
Benzo(a)anthracene  
Concen: 8.646 ng  
RT: 21.625 min Scan# 3104  
Delta R.T. 0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

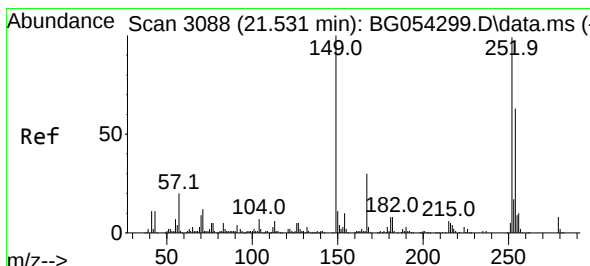
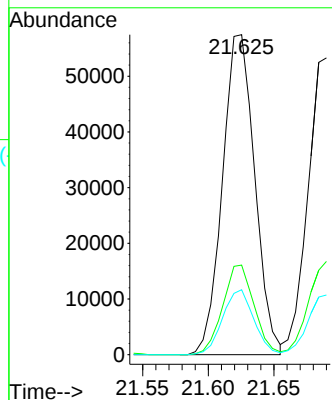
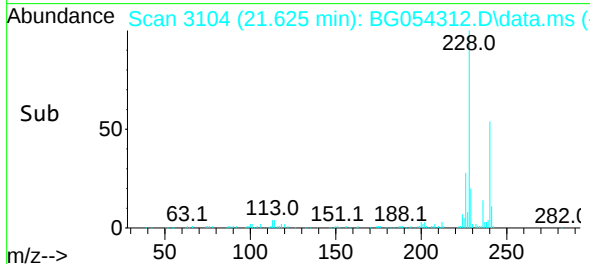
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



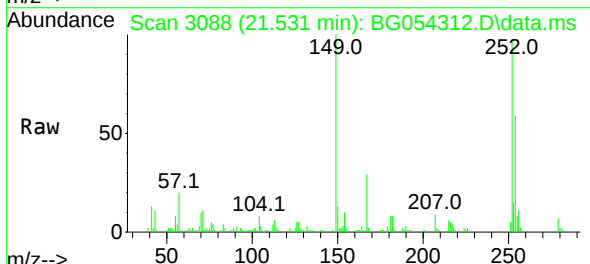
Tgt Ion:228 Resp: 9837  
Ion Ratio Lower Upper  
228 100  
226 28.0 21.6 32.4  
229 20.3 16.2 24.2

Manual Integrations  
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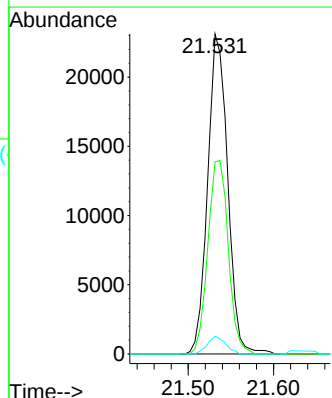
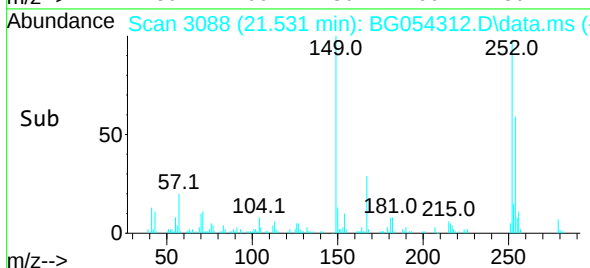
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

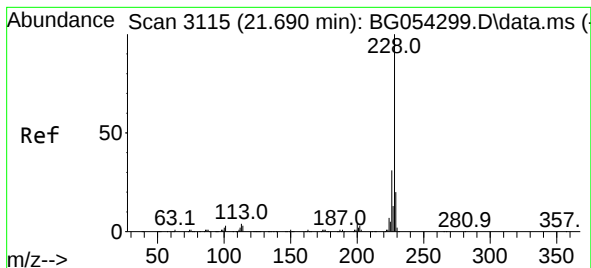


#82  
3,3'-Dichlorobenzidine  
Concen: 10.644 ng  
RT: 21.531 min Scan# 3088  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



Tgt Ion:252 Resp: 37666  
Ion Ratio Lower Upper  
252 100  
254 60.1 49.8 74.8  
126 5.5 6.0 9.0#





#83

Chrysene

Concen: 8.397 ng

RT: 21.690 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BG054312.D

Acq: 18 Jul 2022 15:46

Instrument :

BNA\_G

ClientSampleId :

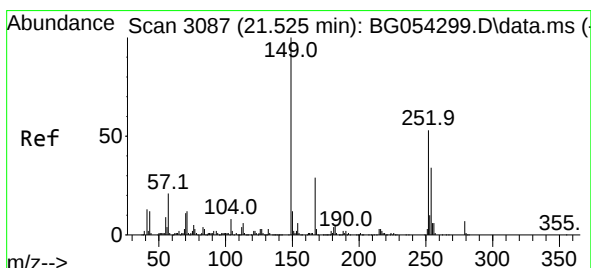
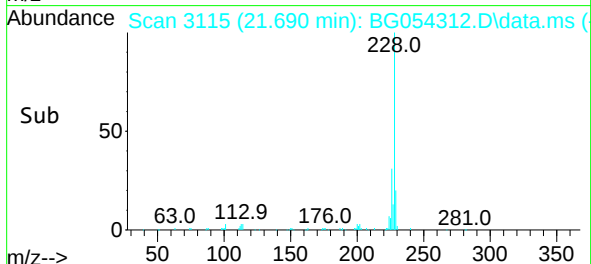
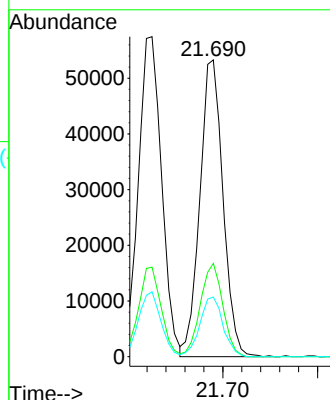
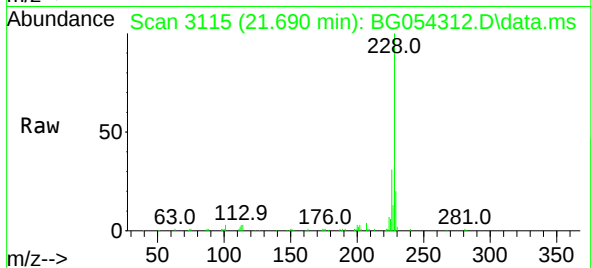
LOQ-WATER-02-QT2-2022

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 9026 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 31.4  | 23.4  | 35.2 |
| 229       | 20.1  | 15.5  | 23.3 |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.004 ng

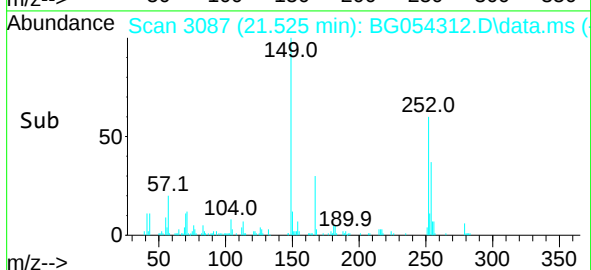
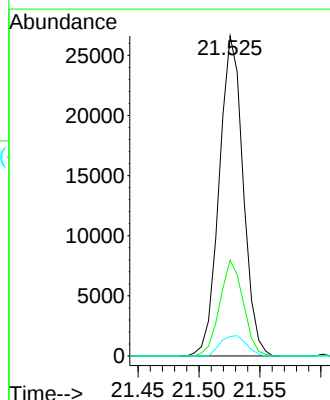
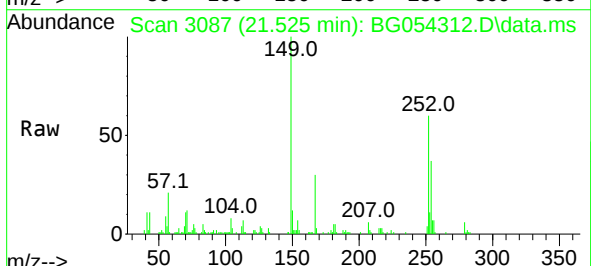
RT: 21.525 min Scan# 3087

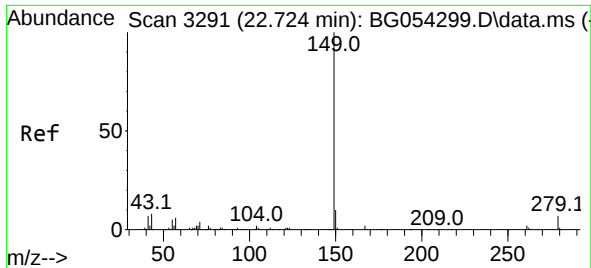
Delta R.T. 0.000 min

Lab File: BG054312.D

Acq: 18 Jul 2022 15:46

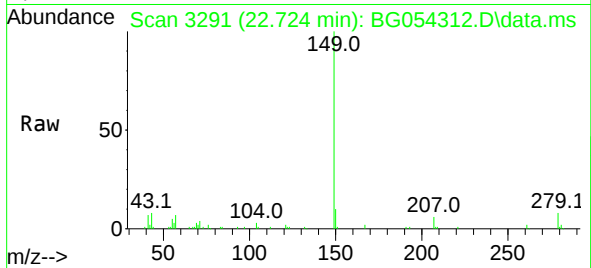
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 36301 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 30.0  | 20.2  | 30.4  |
| 279       | 6.1   | 3.6   | 5.4   |





#85  
Di-n-octyl phthalate  
Concen: 8.011 ng  
RT: 22.724 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

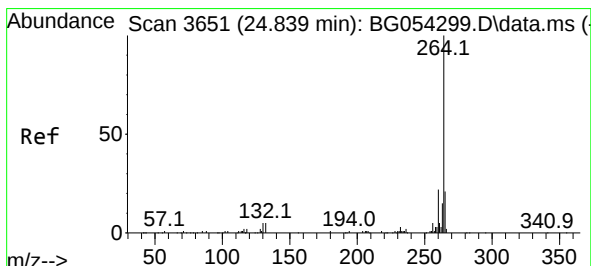
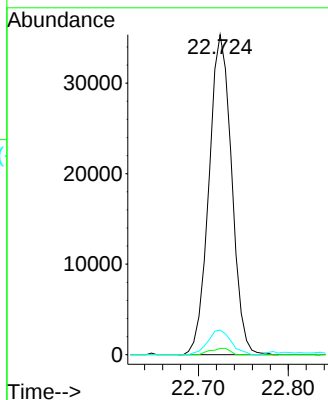
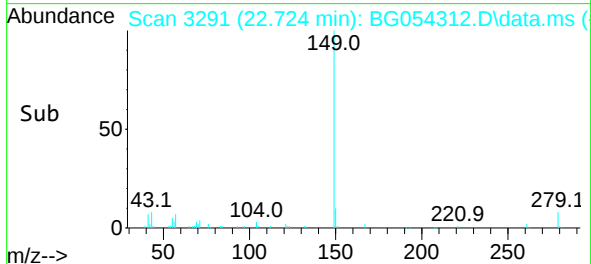
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



Tgt Ion:149 Resp: 61984  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 7.9 9.0 13.4

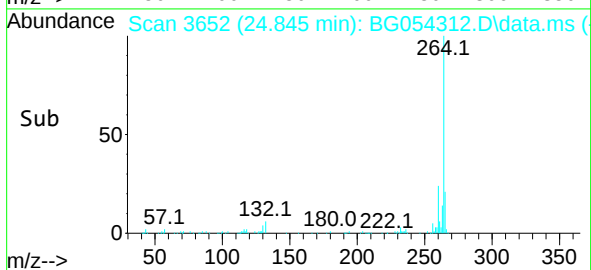
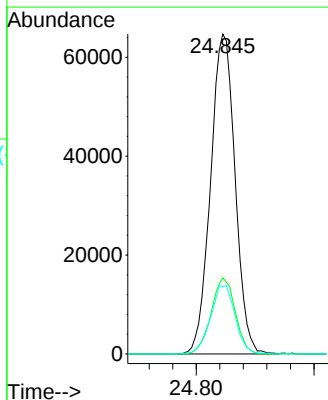
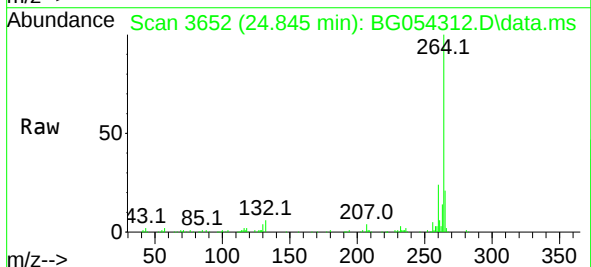
Manual Integrations  
APPROVED

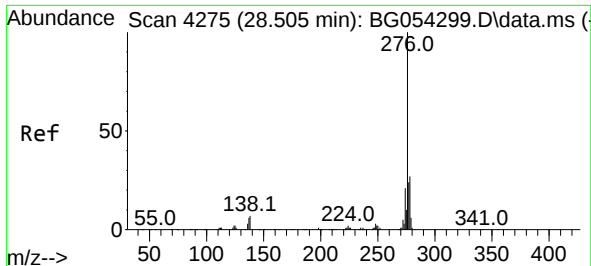
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.845 min Scan# 3652  
Delta R.T. 0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

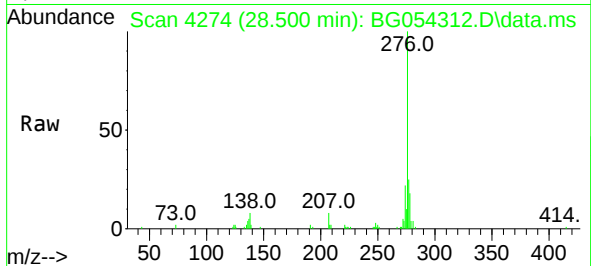
Tgt Ion:264 Resp: 187302  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.0 28.6  
265 20.9 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 8.169 ng  
RT: 28.500 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

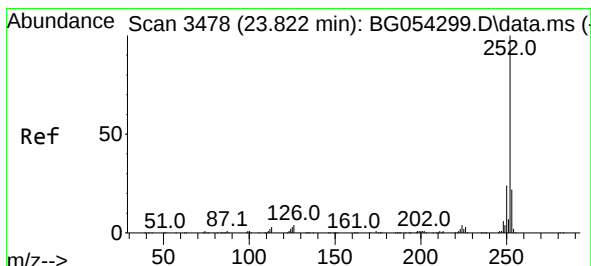
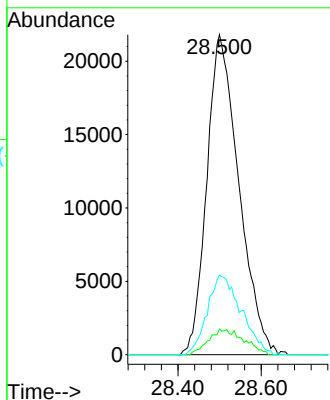
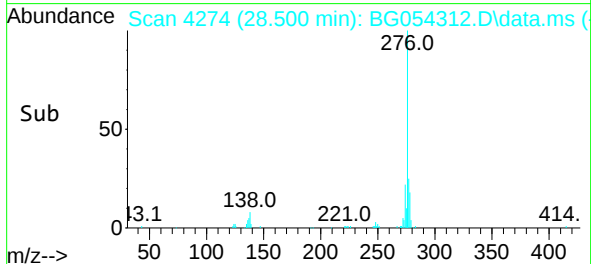
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



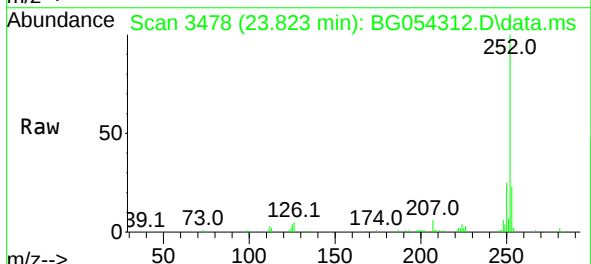
Tgt Ion:276 Resp: 116398  
Ion Ratio Lower Upper  
276 100  
138 8.8 5.0 7.4  
277 26.3 20.3 30.5

Manual Integrations  
APPROVED

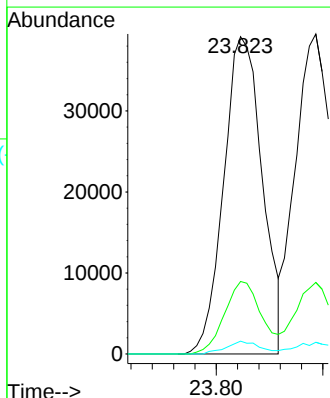
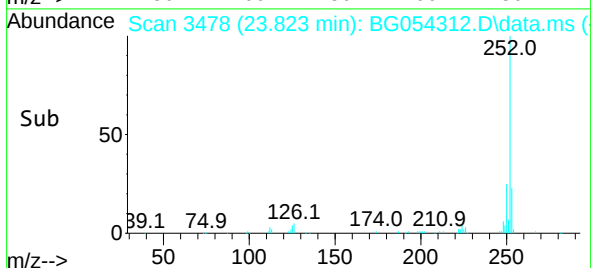
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

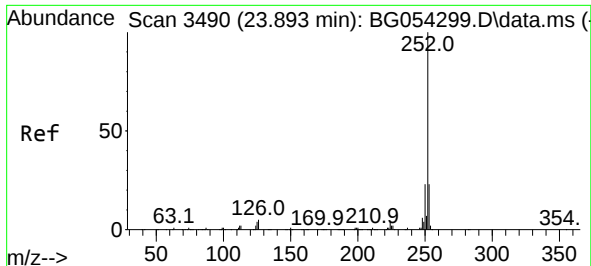


#88  
Benzo(b)fluoranthene  
Concen: 8.907 ng  
RT: 23.823 min Scan# 3478  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



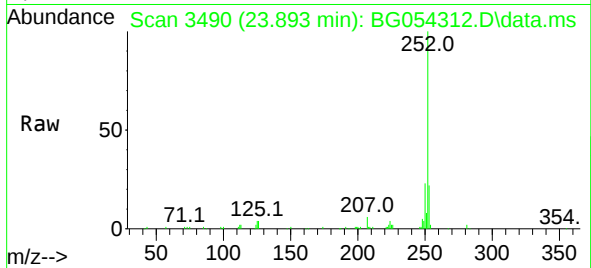
Tgt Ion:252 Resp: 98662  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.0 27.0  
125 4.1 4.6 6.8





#89  
Benzo(k)fluoranthene  
Concen: 8.976 ng  
RT: 23.893 min Scan# 3490  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

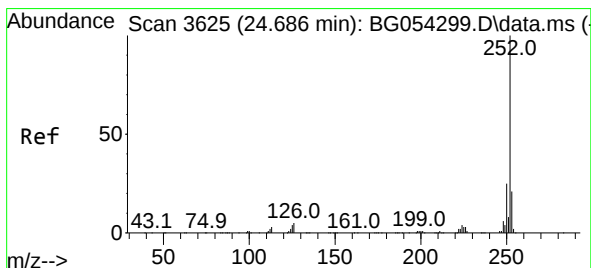
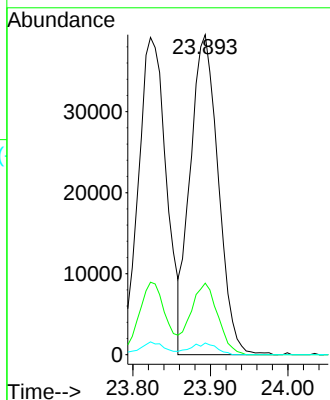
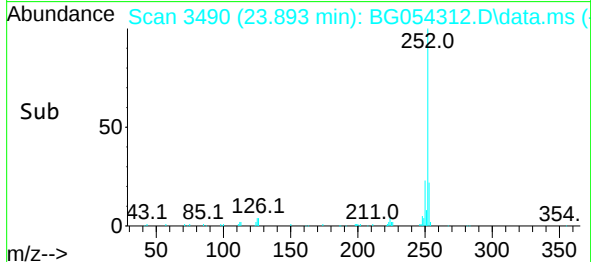
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



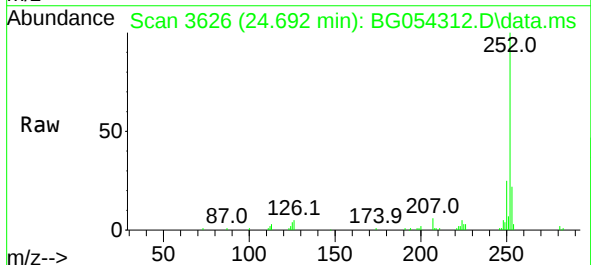
Tgt Ion:252 Resp: 98948  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.4 27.6  
125 3.7 4.8 7.2

Manual Integrations  
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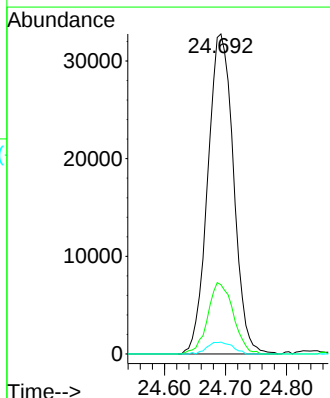
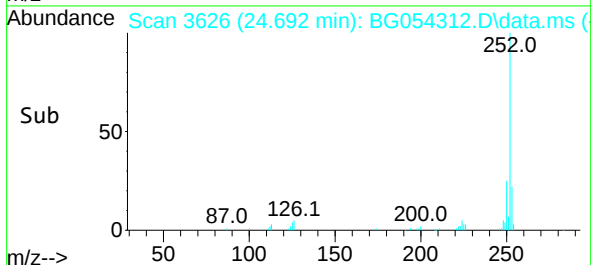
Reviewed By :Christian Giraldo 07/19/2022  
Supervised By :Jagrut Upadhyay 07/19/2022

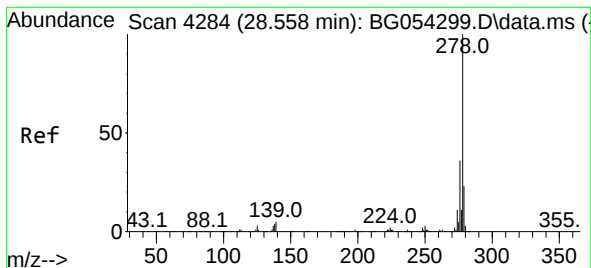


#90  
Benzo(a)pyrene  
Concen: 10.172 ng  
RT: 24.692 min Scan# 3626  
Delta R.T. 0.006 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



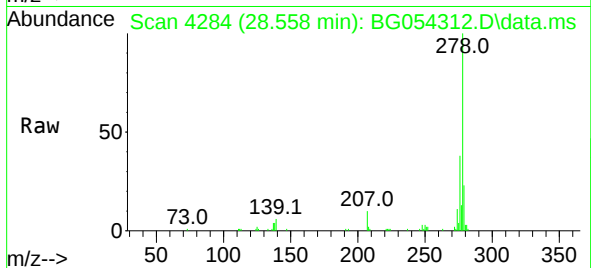
Tgt Ion:252 Resp: 96225  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.8 26.8  
125 3.7 4.3 6.5





#91  
Dibenzo(a,h)anthracene  
Concen: 8.871 ng  
RT: 28.558 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46

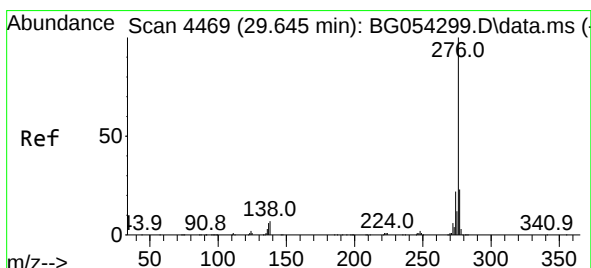
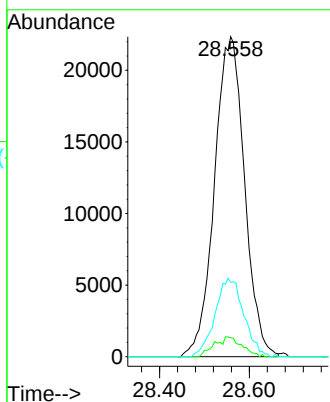
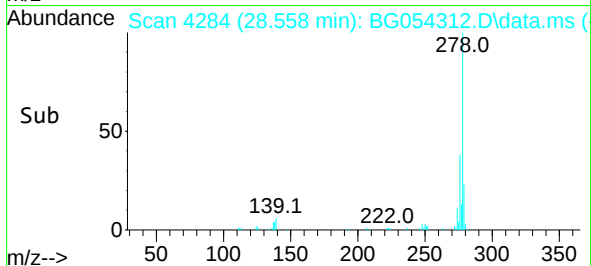
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT2-2022



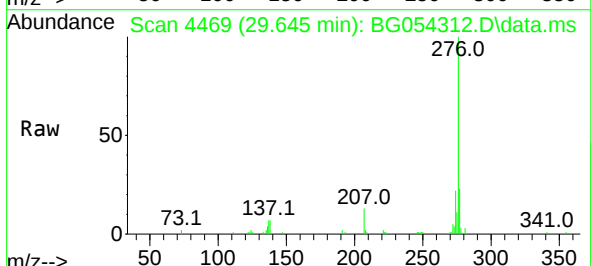
Tgt Ion: 278 Resp: 10393  
Ion Ratio Lower Upper  
278 100  
139 5.9 7.2 10.8  
279 23.3 18.6 27.8

Manual Integrations  
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Reviewed By : Christian Giraldo 07/19/2022  
Supervised By : Jagrut Upadhyay 07/19/2022



#92  
Benzo(g,h,i)perylene  
Concen: 8.669 ng  
RT: 29.645 min Scan# 4469  
Delta R.T. 0.000 min  
Lab File: BG054312.D  
Acq: 18 Jul 2022 15:46



Tgt Ion: 276 Resp: 100250  
Ion Ratio Lower Upper  
276 100  
277 23.3 17.3 25.9  
138 6.7 9.6 14.4

