

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010923\  
 Data File : BM038408.D  
 Acq On : 09 Jan 2023 10:39  
 Operator : CG/JU  
 Sample : N4239-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jan 09 11:09:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM010423.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 05 02:11:50 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
 Supervised By :Yogesh Patel 01/11/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.992  | 152  | 54223    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.804 | 136  | 204935   | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.627 | 164  | 127730   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.368 | 188  | 284174   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.539 | 240  | 287053   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.968 | 264  | 358030   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.363  | 96   | 7657m    | 4.579  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.799  | 84   | 60251    | 12.455 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.151  | 99   | 88772    | 17.972 | ng/u1  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.316  | 67   | 66129    | 18.610 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.516  | 132  | 65869    | 18.611 | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.704  | 113  | 65232    | 17.108 | ng/u1  | -0.01    |
| 21) Nitrobenzene-d5           | 9.163  | 128  | 28635    | 17.810 | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.886  | 143  | 32888    | 18.036 | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.422 | 165  | 63412    | 18.008 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.951 | 131  | 79950    | 16.453 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.033 | 166  | 172488   | 17.831 | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 14.321 | 160  | 197787   | 17.545 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.827 | 143  | 24661    | 14.162 | ng/u1  | -0.01    |
| 60) Fluorene-d10              | 15.615 | 176  | 153887   | 17.493 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.739 | 200  | 29194    | 14.175 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.468 | 188  | 241383   | 17.608 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.756 | 212  | 292774   | 18.329 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.809 | 264  | 312386   | 17.567 | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.399  | 88   | 2530m    | 1.417  | ng/uL  |          |
| 5) Pyridine                   | 3.822  | 79   | 22140    | 4.333  | ng/u1# | 80       |
| 6) Benzaldehyde               | 7.134  | 77   | 12588    | 6.199  | ng/u1  | 94       |
| 8) Phenol                     | 7.181  | 94   | 21305    | 4.088  | ng/u1# | 88       |
| 10) Bis(2-Chloroethyl)ether   | 7.410  | 93   | 17174    | 4.116  | ng/u1  | 94       |
| 12) 2-Chlorophenol            | 7.551  | 128  | 15337    | 4.196  | ng/u1  | 92       |
| 13) 2-Methylphenol            | 8.439  | 108  | 13805    | 3.709  | ng/u1  | 92       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.522  | 45   | 26356    | 3.982  | ng/u1  | 98       |
| 16) Acetophenone              | 8.828  | 105  | 25290    | 3.748  | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.804  | 70   | 14681    | 4.039  | ng/u1# | 95       |
| 18) 4-Methylphenol            | 8.769  | 108  | 14848    | 3.667  | ng/u1  | 93       |
| 19) Hexachloroethane          | 9.069  | 117  | 7266     | 4.269  | ng/u1  | 94       |
| 22) Nitrobenzene              | 9.204  | 77   | 23277    | 4.389  | ng/u1  | 94       |
| 23) Isophorone                | 9.733  | 82   | 36418    | 4.006  | ng/u1  | 96       |
| 25) 2-Nitrophenol             | 9.922  | 139  | 7570     | 3.986  | ng/u1# | 88       |
| 26) 2,4-Dimethylphenol        | 9.975  | 107  | 17698    | 3.986  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.216 | 93   | 20501    | 3.941  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.451 | 162  | 14073    | 4.110  | ng/u1  | 96       |
| 30) Naphthalene               | 10.857 | 128  | 44515    | 4.072  | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 10.975 | 127  | 18491    | 3.735  | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 11.128 | 225  | 10673    | 4.187  | ng/u1  | 94       |
| 34) Caprolactam               | 11.775 | 113  | 2887m    | 2.954  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.092 | 107  | 13748    | 3.773  | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.457 | 142  | 26936    | 3.780  | ng/u1  | 98       |

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 QLast Update : Thu Jan 05 02:11:50 2023  
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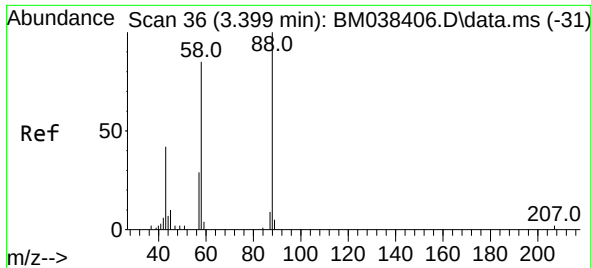
### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
 Supervised By :Yogesh Patel 01/11/2023

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.674 | 142  | 26274    | 3.564 | ng/ul  | 96       |
| 39) 1,2,4,5-Tetrachloroben... | 12.822 | 216  | 18278    | 4.047 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.798 | 237  | 10559    | 3.311 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.069 | 196  | 11182    | 3.989 | ng/ul  | 97       |
| 42) 2,4,5-Trichlorophenol     | 13.139 | 196  | 11318    | 3.768 | ng/ul  | 96       |
| 43) 1,1'-Biphenyl             | 13.463 | 154  | 37729    | 3.908 | ng/ul  | 95       |
| 44) 2-Chloronaphthalene       | 13.510 | 162  | 30760    | 3.902 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.721 | 65   | 9377     | 3.556 | ng/ul  | 94       |
| 47) Dimethylphthalate         | 14.080 | 163  | 39029    | 3.976 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.210 | 165  | 6404     | 3.426 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.351 | 152  | 47726    | 3.991 | ng/ul  | 97       |
| 51) 3-Nitroaniline            | 14.545 | 138  | 5537     | 3.217 | ng/ul# | 86       |
| 52) Acenaphthene              | 14.686 | 153  | 33347    | 3.941 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.751 | 184  | 5358     | 3.834 | ng/ul  | 93       |
| 55) 4-Nitrophenol             | 14.839 | 109  | 6466     | 3.547 | ng/ul  | 95       |
| 56) Dibenzofuran              | 15.021 | 168  | 47003    | 3.908 | ng/ul  | 92       |
| 57) 2,4-Dinitrotoluene        | 14.998 | 165  | 9737     | 3.561 | ng/ul# | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.251 | 232  | 10216    | 3.807 | ng/ul# | 95       |
| 59) Diethylphthalate          | 15.433 | 149  | 39293    | 3.862 | ng/ul  | 98       |
| 61) Fluorene                  | 15.668 | 166  | 38142    | 3.694 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.663 | 204  | 20854    | 3.837 | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 15.704 | 138  | 5580m    | 3.388 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.757 | 198  | 8042     | 4.075 | ng/ul# | 98       |
| 67) N-Nitrosodiphenylamine    | 15.874 | 169  | 31039    | 3.831 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.557 | 248  | 11852    | 3.937 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.668 | 284  | 14014    | 4.036 | ng/ul  | 99       |
| 70) Atrazine                  | 16.821 | 200  | 12175    | 3.635 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 17.021 | 266  | 8639     | 3.770 | ng/ul  | 94       |
| 72) Phenanthrene              | 17.409 | 178  | 61119    | 3.942 | ng/ul  | 98       |
| 74) Anthracene                | 17.498 | 178  | 62642    | 3.929 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.427 | 216  | 16367    | 3.816 | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.939 | 250  | 15240    | 3.688 | ng/uL  | 89       |
| 77) Carbazole                 | 17.774 | 167  | 48922    | 3.346 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.321 | 149  | 61113    | 3.499 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.421 | 202  | 70449    | 3.900 | ng/ul  | 99       |
| 82) Pyrene                    | 19.780 | 202  | 78748    | 4.000 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.668 | 149  | 26174    | 3.467 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.462 | 252  | 21486    | 3.589 | ng/ul# | 96       |
| 85) Benzo(a)anthracene        | 21.527 | 228  | 80599    | 3.945 | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.439 | 149  | 40337    | 3.461 | ng/ul  | 98       |
| 87) Chrysene                  | 21.580 | 228  | 77623    | 3.955 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.368 | 149  | 73270    | 2.861 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.227 | 252  | 86631    | 3.824 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.274 | 252  | 85895    | 3.776 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.862 | 252  | 79128    | 3.860 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.503 | 276  | 105506   | 4.049 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.515 | 278  | 85248    | 3.921 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.279 | 276  | 90211    | 4.229 | ng/ul  | 96       |

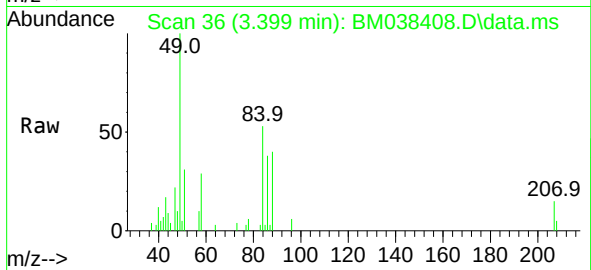
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 1.417 ng/uL m  
RT: 3.399 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

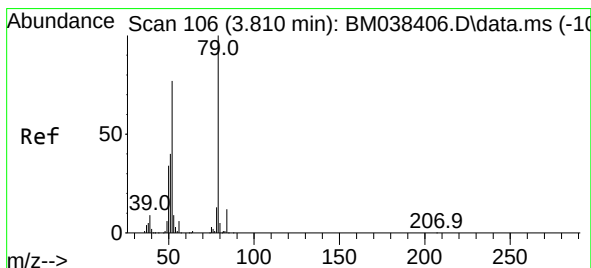
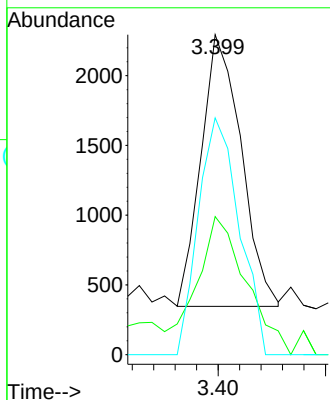
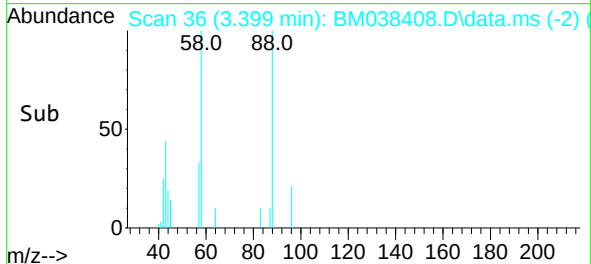
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion: 88 Resp: 2530  
Ion Ratio Lower Upper  
88 100  
43 43.2 30.6 45.8  
58 74.0 60.2 90.4

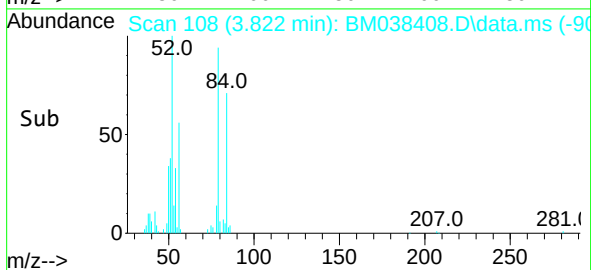
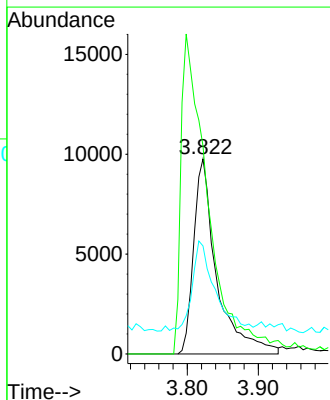
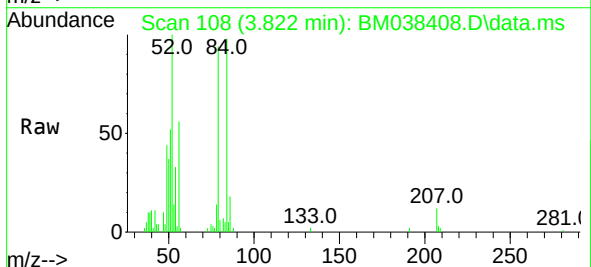
Manual Integrations  
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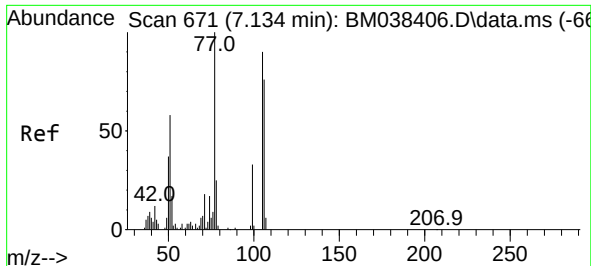
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#5  
Pyridine  
Concen: 4.333 ng/uL  
RT: 3.822 min Scan# 108  
Delta R.T. 0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

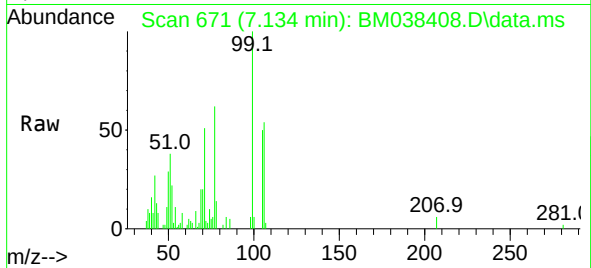
Tgt Ion: 79 Resp: 22140  
Ion Ratio Lower Upper  
79 100  
52 106.7 69.6 104.4#  
51 55.4 34.8 52.2#





#6  
Benzaldehyde  
Concen: 6.199 ng/ul  
RT: 7.134 min Scan# 671  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

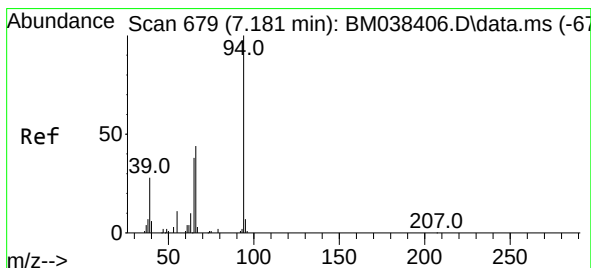
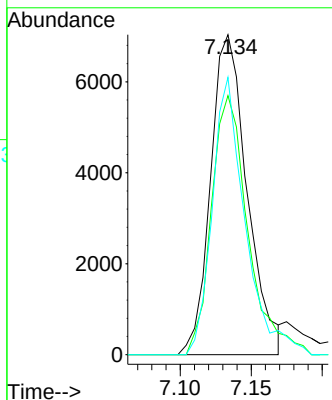
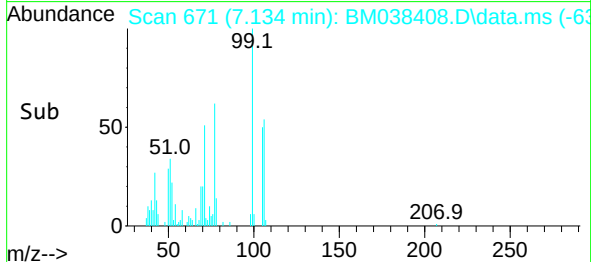
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion: 77 Resp: 1258  
Ion Ratio Lower Upper  
77 100  
105 81.0 64.5 96.7  
106 86.6 60.6 90.8

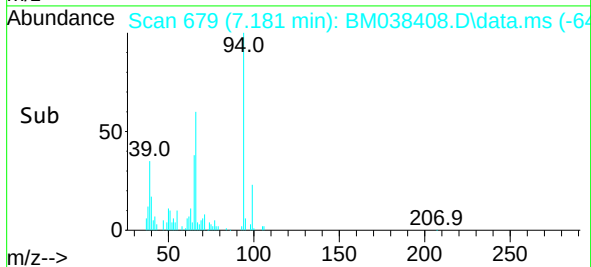
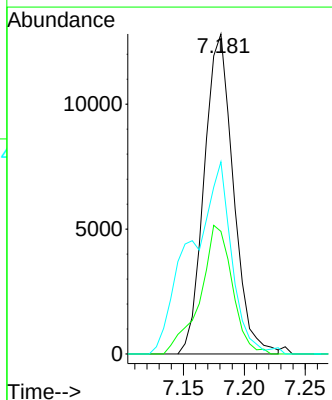
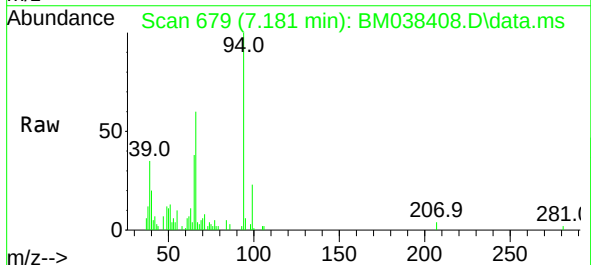
Manual Integrations  
APPROVED

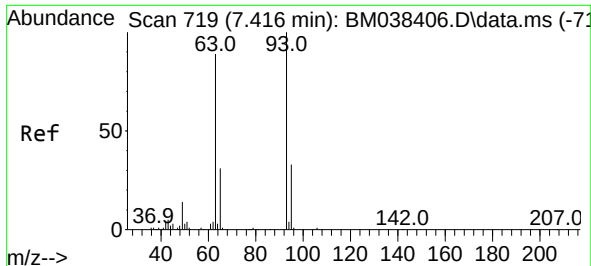
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#8  
Phenol  
Concen: 4.088 ng/ul  
RT: 7.181 min Scan# 679  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

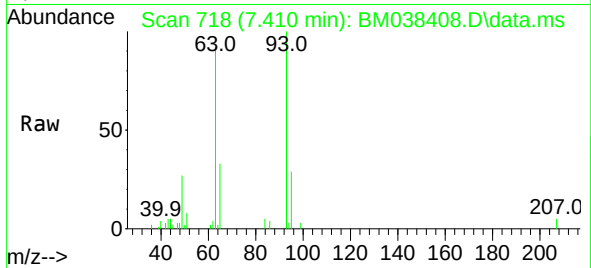
Tgt Ion: 94 Resp: 21305  
Ion Ratio Lower Upper  
94 100  
65 38.3 29.4 44.2  
66 60.1 38.0 57.0#





#10  
Bis(2-Chloroethyl)ether  
Concen: 4.116 ng/ul  
RT: 7.410 min Scan# 719  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

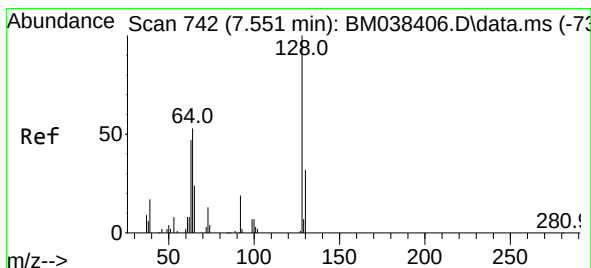
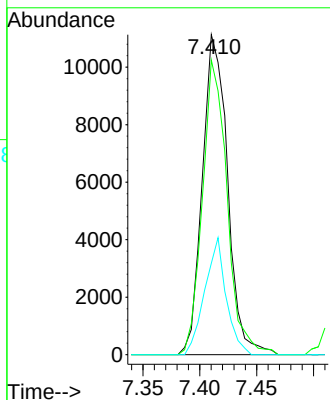
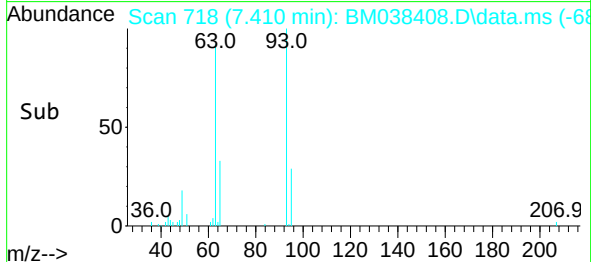
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion: 93 Resp: 17174  
Ion Ratio Lower Upper  
93 100  
63 92.0 69.6 104.4  
95 28.5 26.6 40.0

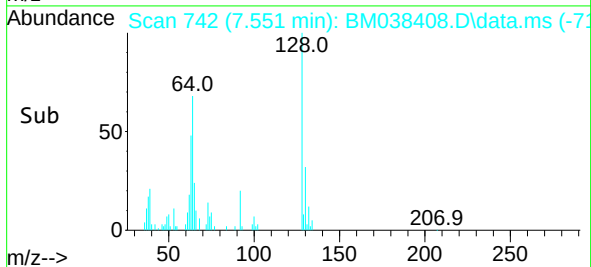
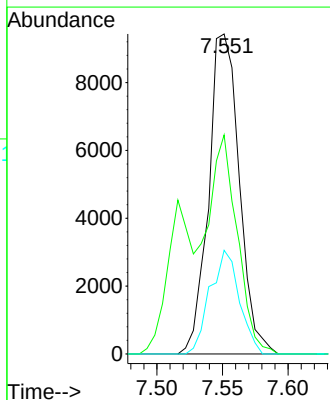
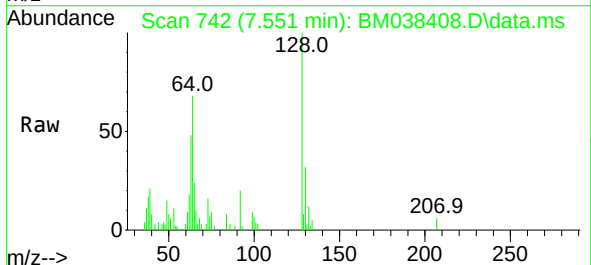
Manual Integrations  
APPROVED

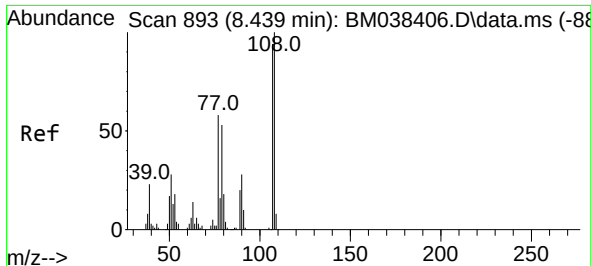
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#12  
2-Chlorophenol  
Concen: 4.196 ng/ul  
RT: 7.551 min Scan# 742  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

Tgt Ion:128 Resp: 15337  
Ion Ratio Lower Upper  
128 100  
64 68.4 47.3 70.9  
130 32.4 25.7 38.5





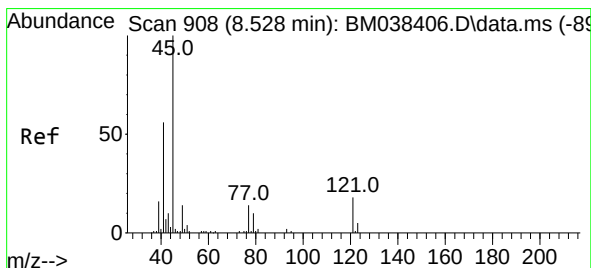
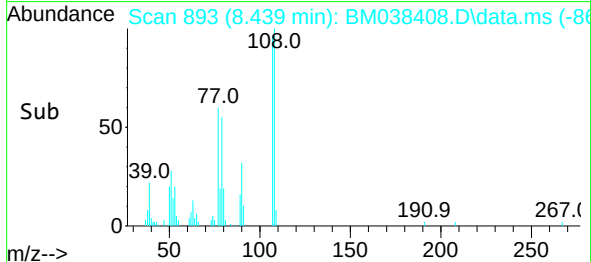
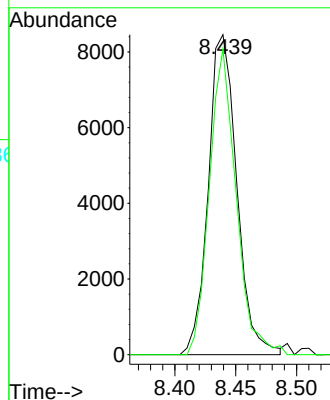
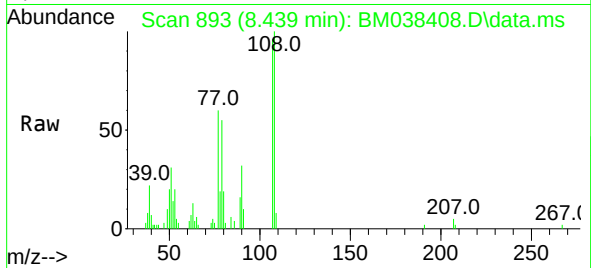
#13  
2-Methylphenol  
Concen: 3.709 ng/ul  
RT: 8.439 min Scan# 893  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

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

Tgt Ion:108 Resp: 1380  
Ion Ratio Lower Upper  
108 100  
107 95.6 70.3 105.5

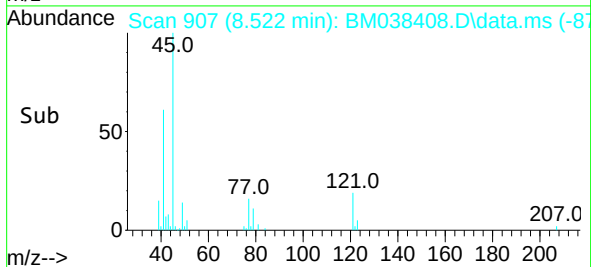
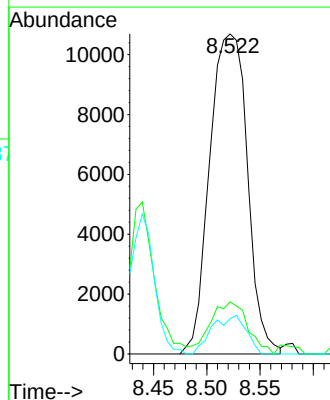
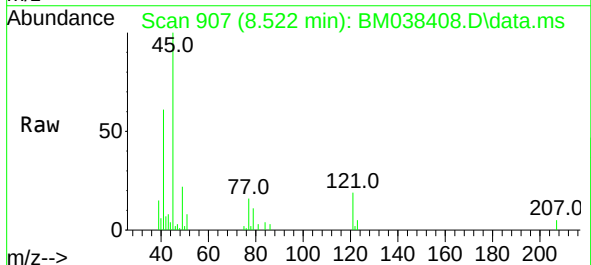
Manual Integrations  
APPROVED

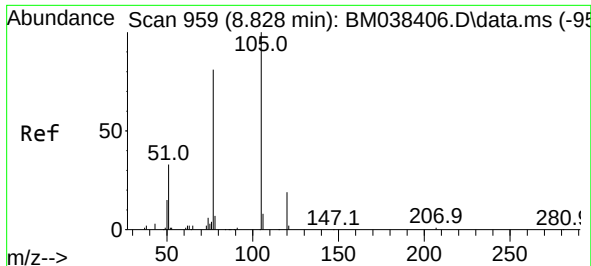
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.982 ng/ul  
RT: 8.522 min Scan# 907  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

Tgt Ion: 45 Resp: 26356  
Ion Ratio Lower Upper  
45 100  
77 16.2 12.2 18.2  
79 11.0 8.6 13.0





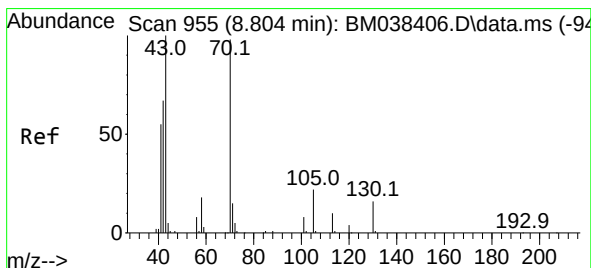
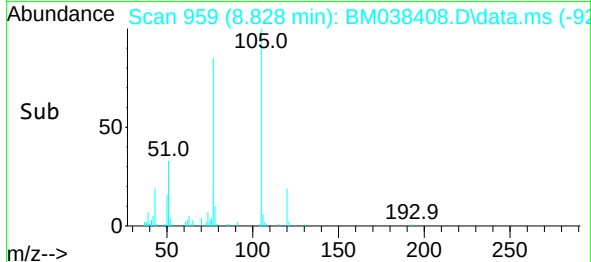
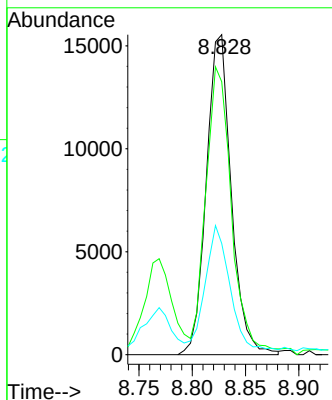
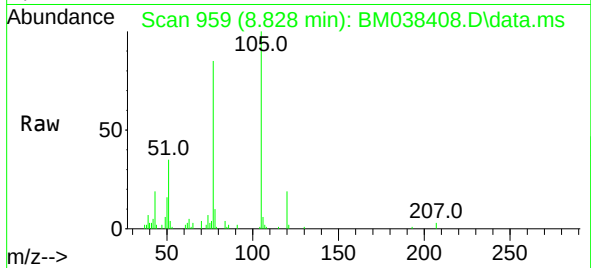
#16  
Acetophenone  
Concen: 3.748 ng/ul  
RT: 8.828 min Scan# 959  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

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

Tgt Ion: 105 Resp: 25290  
Ion Ratio Lower Upper  
105 100  
77 85.3 71.9 107.9  
51 34.8 29.1 43.7

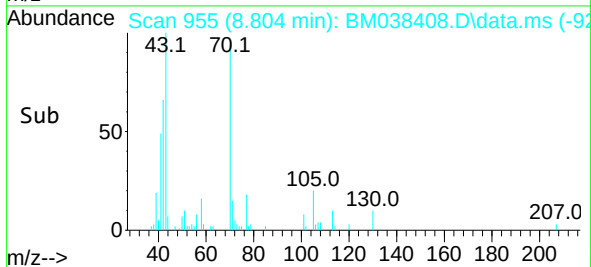
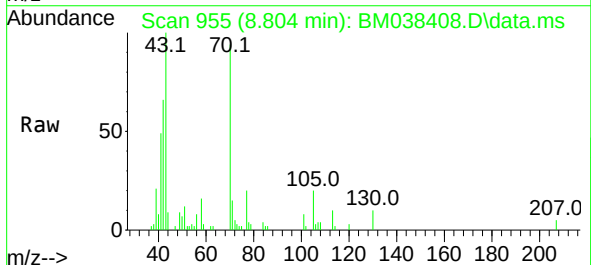
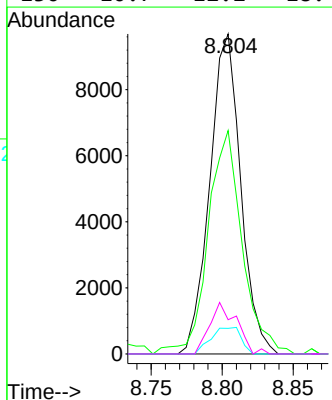
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

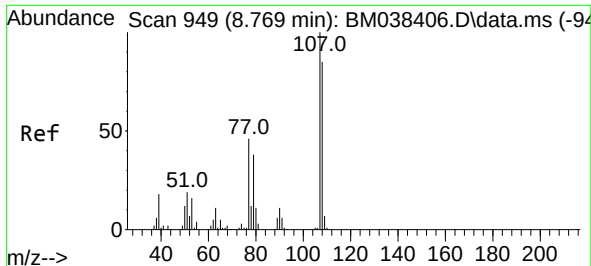


#17  
N-Nitroso-di-n-propylamine  
Concen: 4.039 ng/ul  
RT: 8.804 min Scan# 955  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

Tgt Ion: 70 Resp: 14681  
Ion Ratio Lower Upper  
70 100  
42 69.8 53.0 79.6  
101 8.0 7.2 10.8  
130 10.7 12.2 18.4

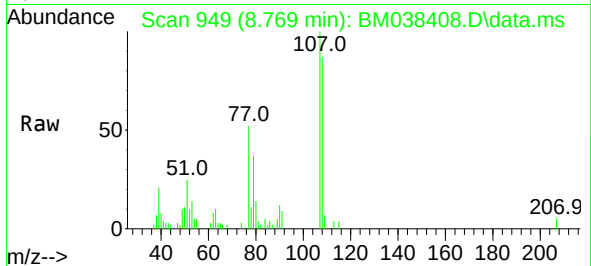






#18  
4-Methylphenol  
Concen: 3.667 ng/ul  
RT: 8.769 min Scan# 949  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

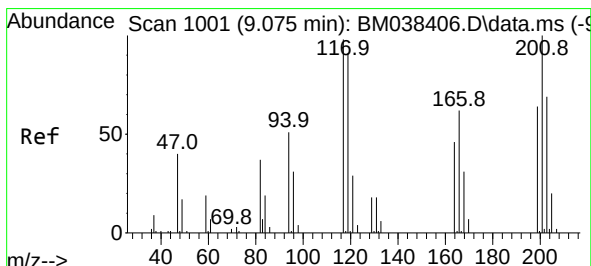
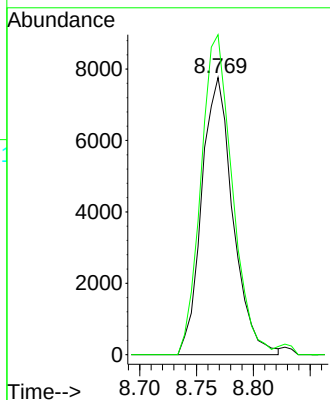
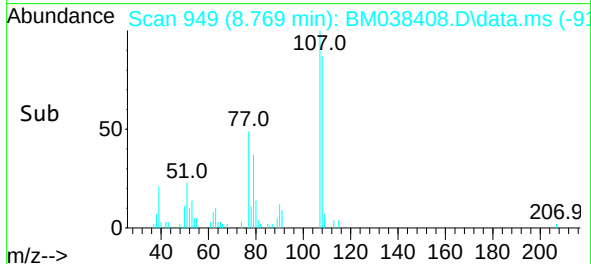
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:108 Resp: 1484  
Ion Ratio Lower Upper  
108 100  
107 115.5 86.4 129.6

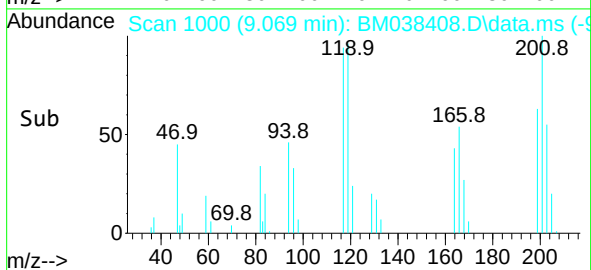
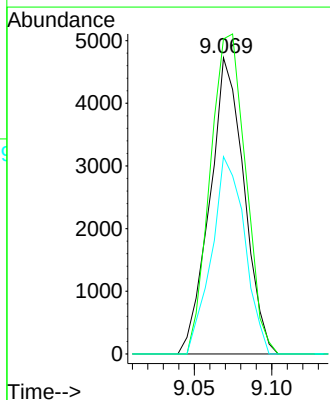
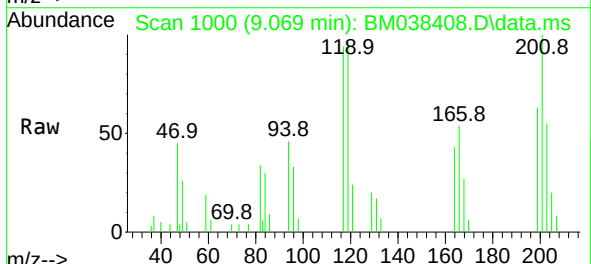
Manual Integrations  
APPROVED

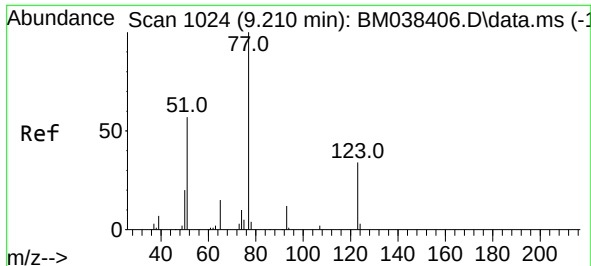
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#19  
Hexachloroethane  
Concen: 4.269 ng/ul  
RT: 9.069 min Scan# 1000  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

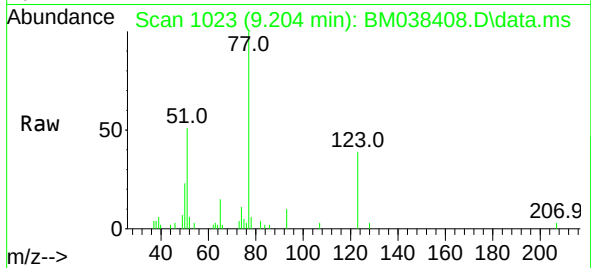
Tgt Ion:117 Resp: 7266  
Ion Ratio Lower Upper  
117 100  
201 106.4 79.8 119.6  
199 66.6 50.3 75.5





#22  
Nitrobenzene  
Concen: 4.389 ng/ul  
RT: 9.204 min Scan# 1024  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

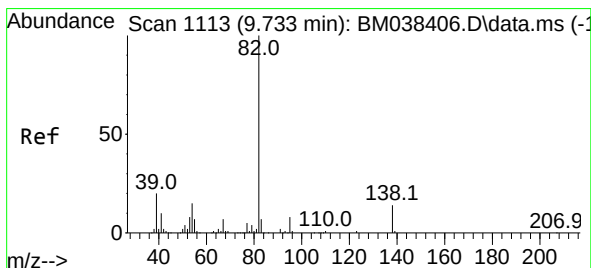
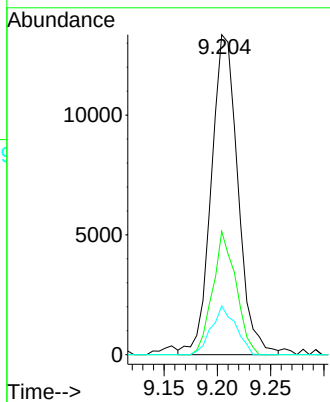
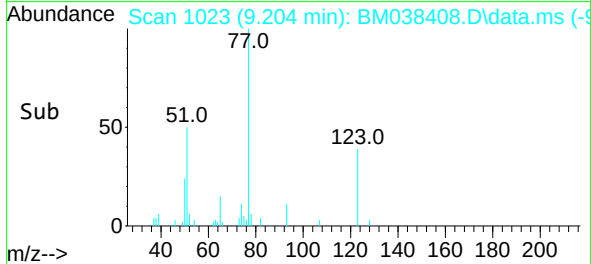
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion: 77 Resp: 2327  
Ion Ratio Lower Upper  
77 100  
123 38.5 26.9 40.3  
65 15.2 12.1 18.1

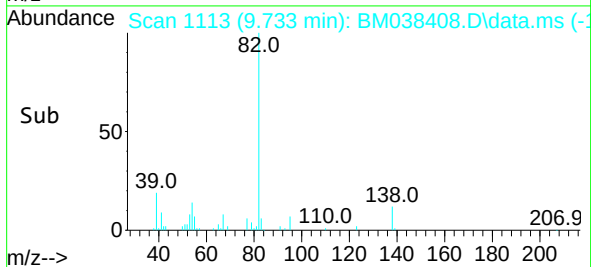
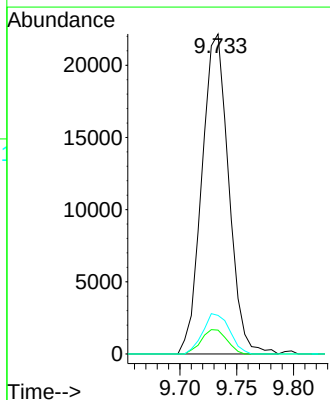
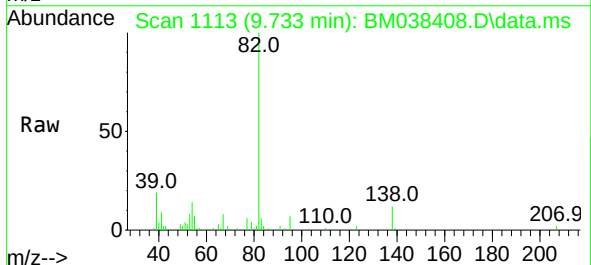
Manual Integrations  
APPROVED

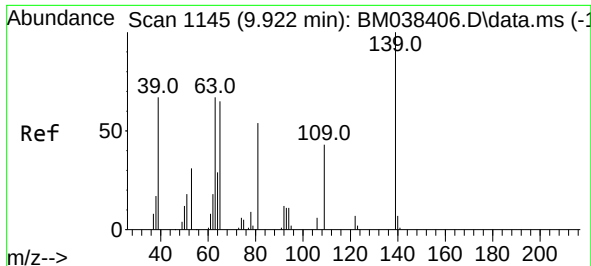
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#23  
Isophorone  
Concen: 4.006 ng/ul  
RT: 9.733 min Scan# 1113  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

Tgt Ion: 82 Resp: 36418  
Ion Ratio Lower Upper  
82 100  
95 7.5 5.4 8.0  
138 12.0 11.1 16.7





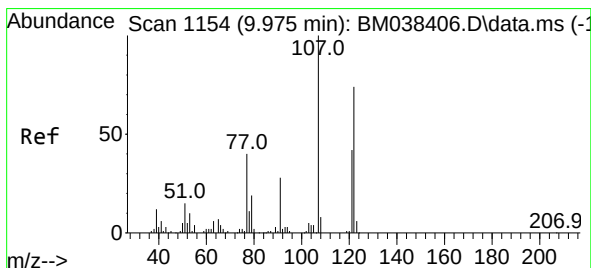
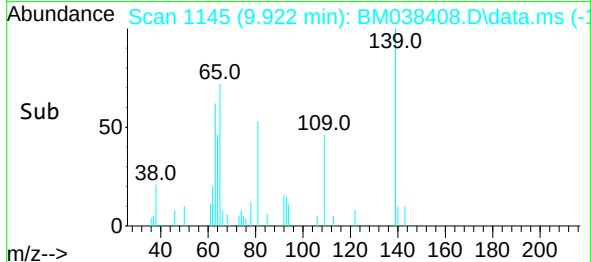
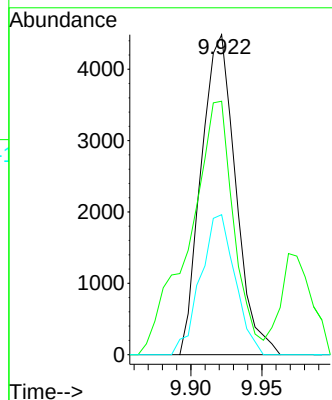
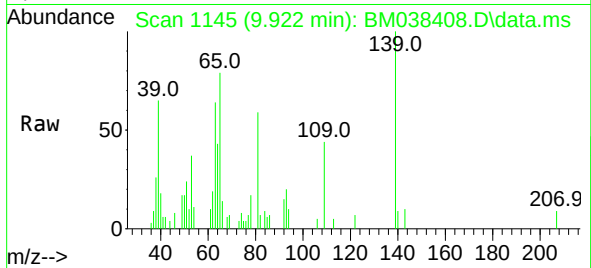
#25  
2-Nitrophenol  
Concen: 3.986 ng/ul  
RT: 9.922 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

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

Tgt Ion:139 Resp: 7570  
Ion Ratio Lower Upper  
139 100  
65 79.2 55.9 83.9  
109 43.8 29.0 43.4

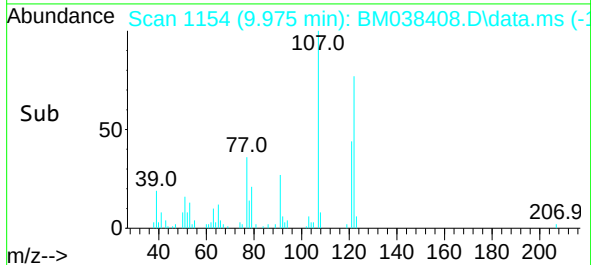
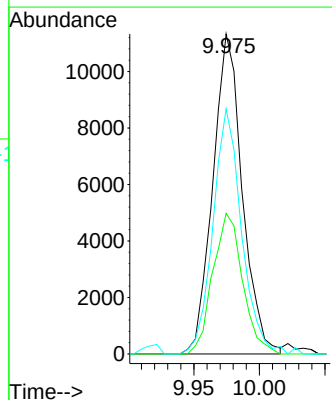
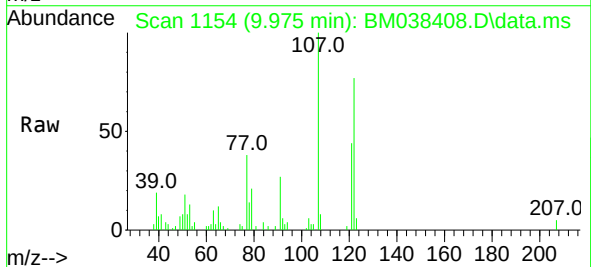
Manual Integrations  
APPROVED

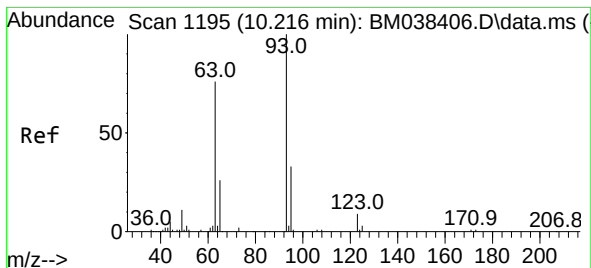
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#26  
2,4-Dimethylphenol  
Concen: 3.986 ng/ul  
RT: 9.975 min Scan# 1154  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

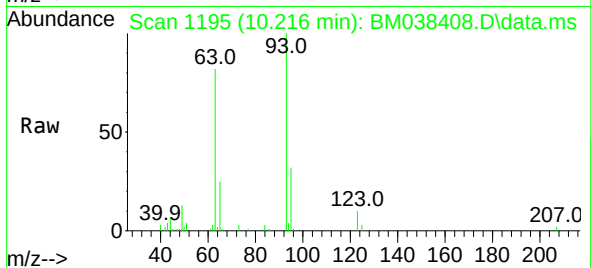
Tgt Ion:107 Resp: 17698  
Ion Ratio Lower Upper  
107 100  
121 43.9 35.2 52.8  
122 76.6 58.6 87.8





#27  
Bis(2-Chloroethoxy)methane  
Concen: 3.941 ng/ul  
RT: 10.216 min Scan# 1195  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

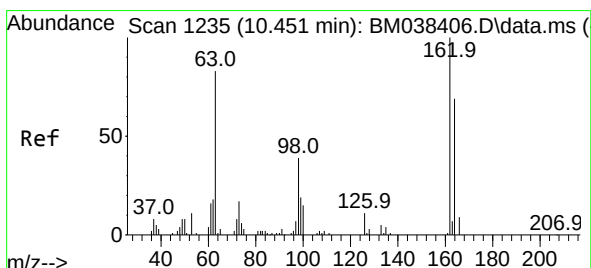
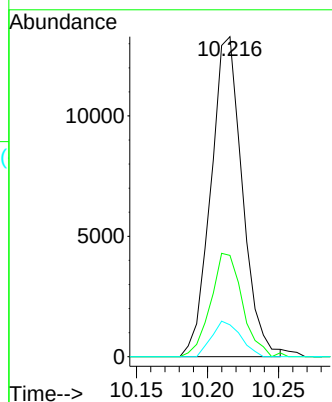
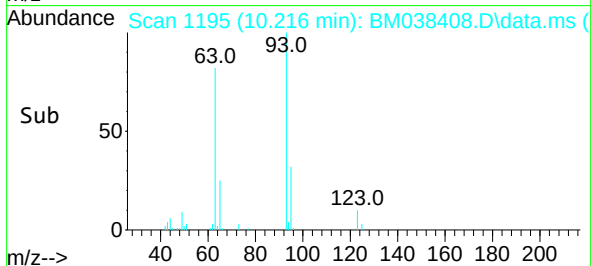
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT3-2022-05



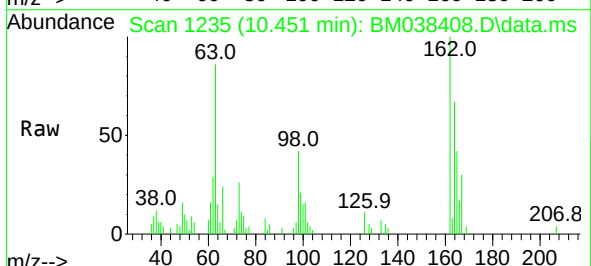
Tgt Ion: 93 Resp: 2050  
Ion Ratio Lower Upper  
93 100  
95 31.6 25.4 38.2  
123 10.0 7.5 11.3

Manual Integrations  
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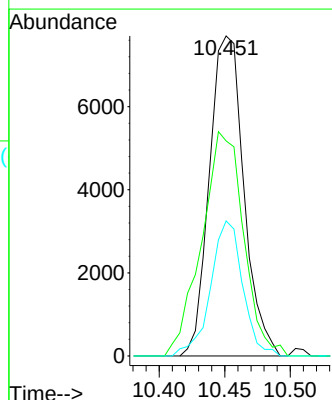
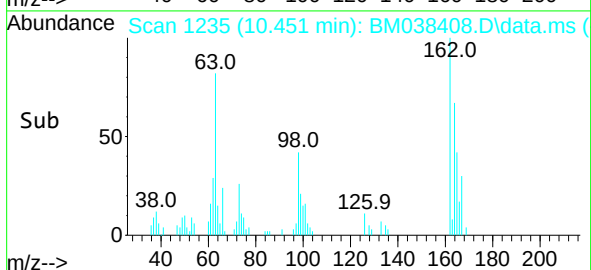
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

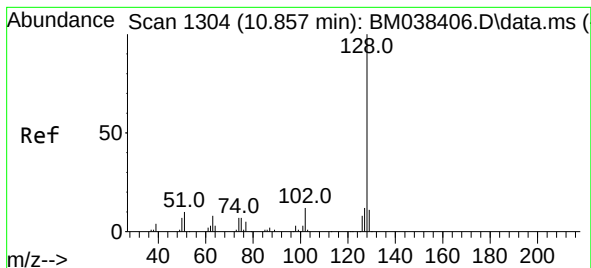


#29  
2,4-Dichlorophenol  
Concen: 4.110 ng/ul  
RT: 10.451 min Scan# 1235  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



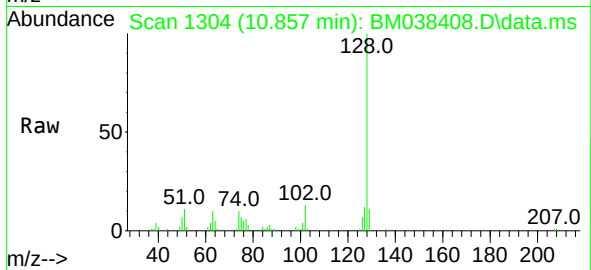
Tgt Ion:162 Resp: 14073  
Ion Ratio Lower Upper  
162 100  
164 67.2 51.8 77.8  
98 42.2 30.6 45.8





#30  
Naphthalene  
Concen: 4.072 ng/ul  
RT: 10.857 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

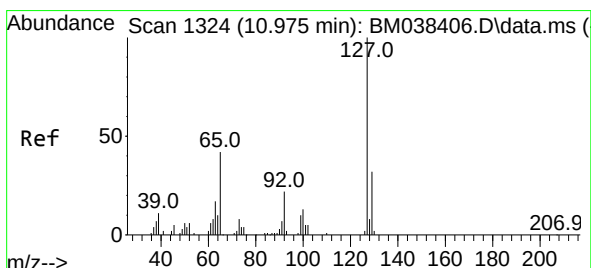
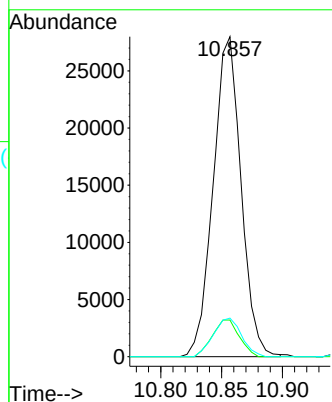
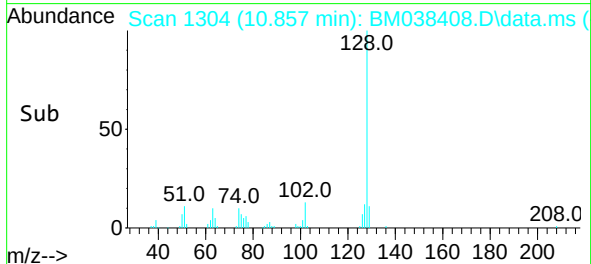
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



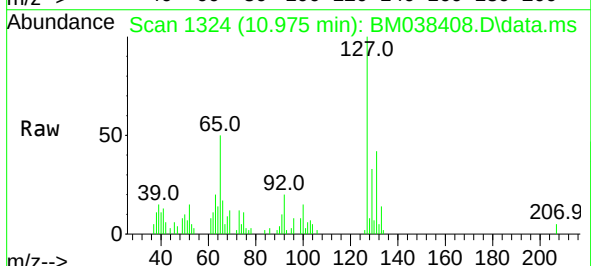
Tgt Ion:128 Resp: 4451  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.6 12.8  
127 12.0 10.5 15.7

Manual Integrations  
APPROVED

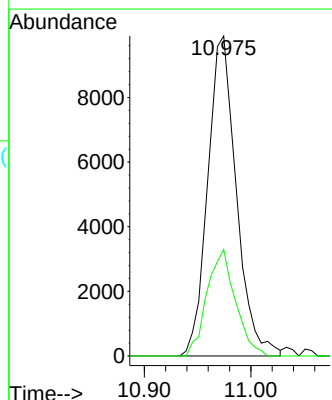
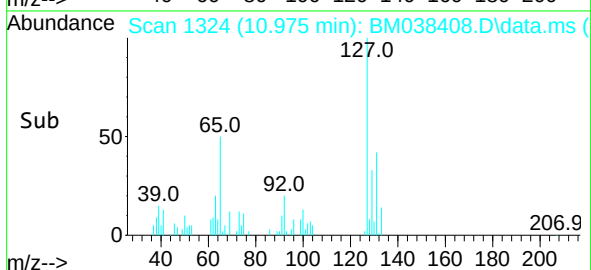
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

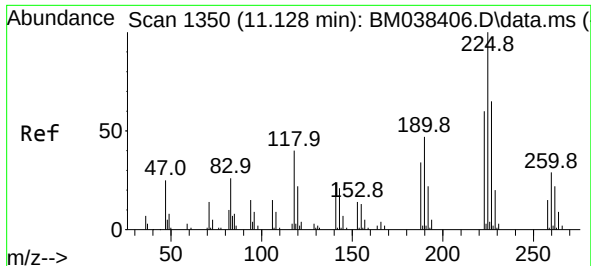


#32  
4-Chloroaniline  
Concen: 3.735 ng/ul  
RT: 10.975 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



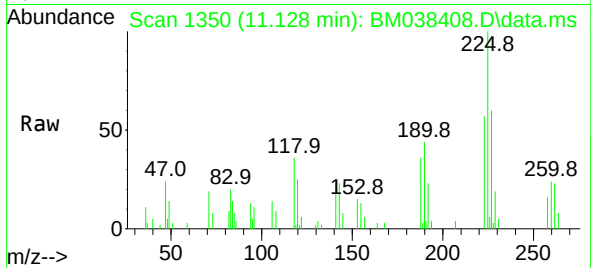
Tgt Ion:127 Resp: 18491  
Ion Ratio Lower Upper  
127 100  
129 33.3 26.2 39.2





#33  
Hexachlorobutadiene  
Concen: 4.187 ng/ul  
RT: 11.128 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

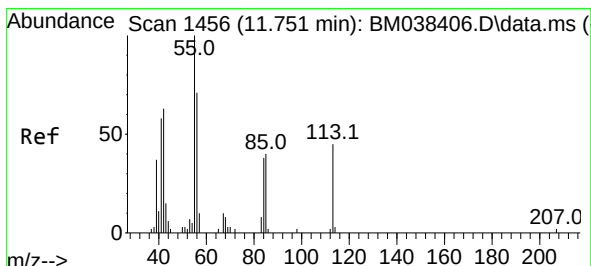
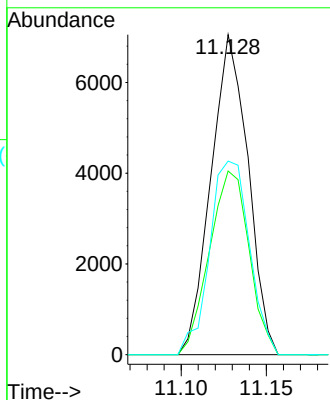
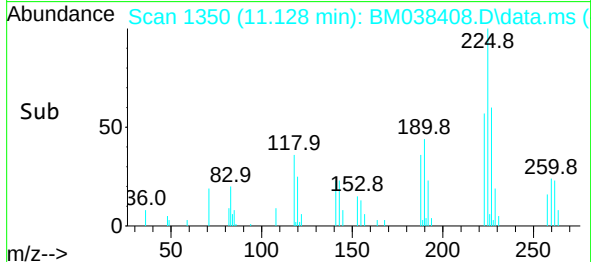
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:225 Resp: 1067  
Ion Ratio Lower Upper  
225 100  
223 57.4 52.6 78.8  
227 60.5 48.2 72.4

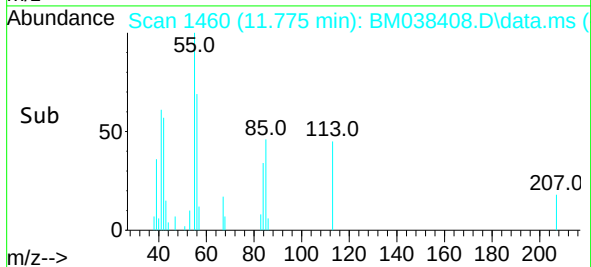
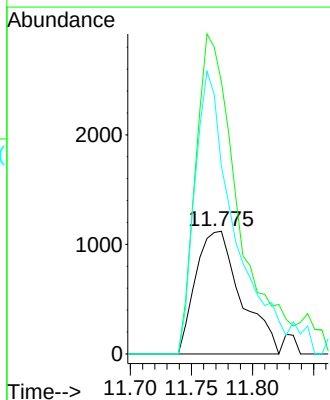
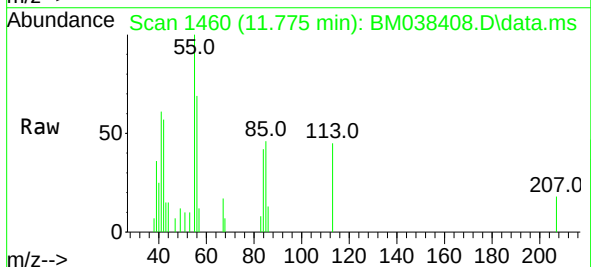
Manual Integrations  
APPROVED

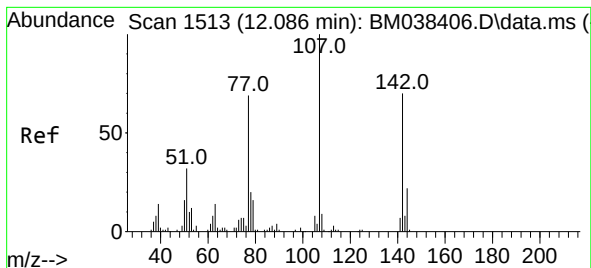
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#34  
Caprolactam  
Concen: 2.954 ng/ul m  
RT: 11.775 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

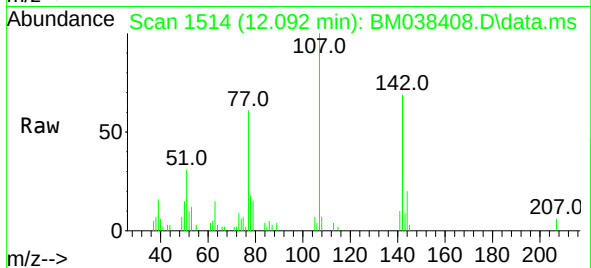
Tgt Ion:113 Resp: 2887  
Ion Ratio Lower Upper  
113 100  
55 221.8 161.5 242.3  
56 152.8 125.8 188.8





#35  
4-Chloro-3-methylphenol  
Concen: 3.773 ng/ul  
RT: 12.092 min Scan# 1514  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

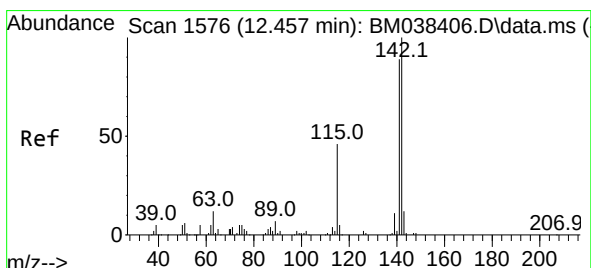
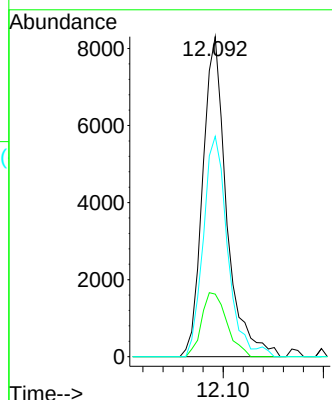
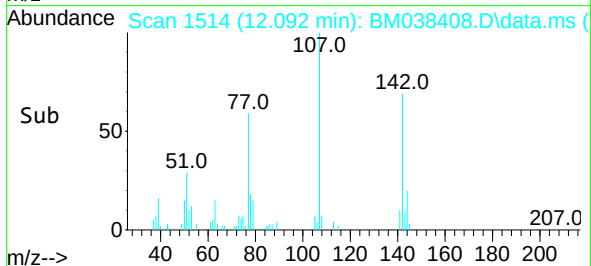
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:107 Resp: 13748  
Ion Ratio Lower Upper  
107 100  
144 19.6 18.1 27.1  
142 68.9 57.4 86.2

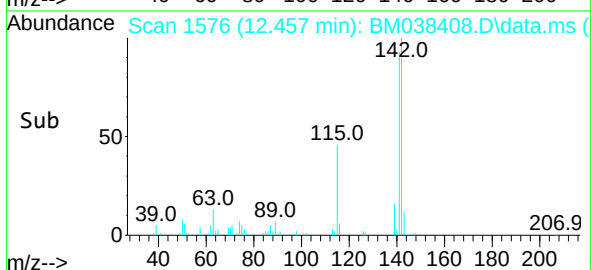
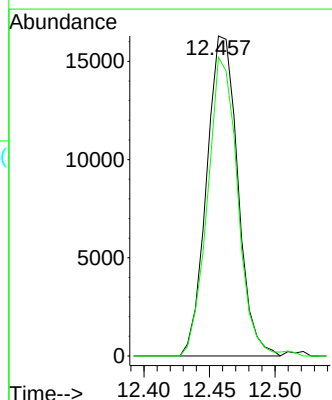
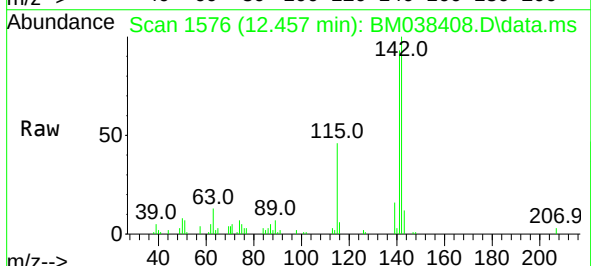
Manual Integrations  
APPROVED

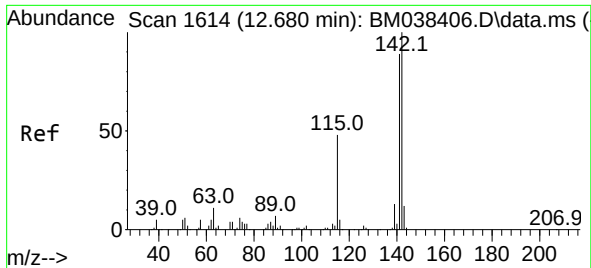
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#36  
2-Methylnaphthalene  
Concen: 3.780 ng/ul  
RT: 12.457 min Scan# 1576  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

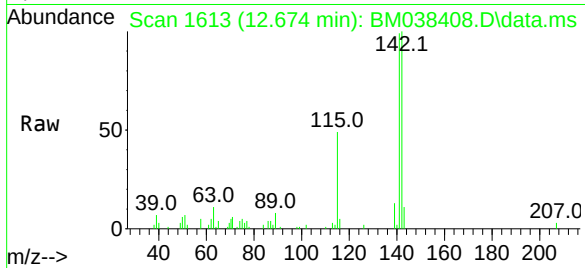
Tgt Ion:142 Resp: 26936  
Ion Ratio Lower Upper  
142 100  
141 93.4 73.2 109.8





#37  
1-Methylnaphthalene  
Concen: 3.564 ng/ul  
RT: 12.674 min Scan# 1613  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

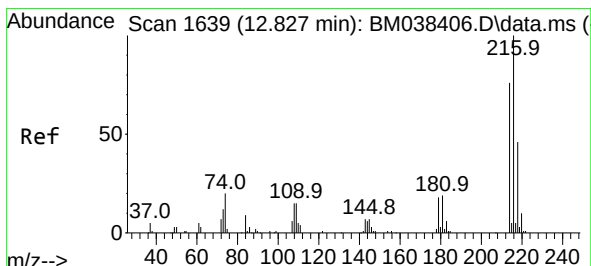
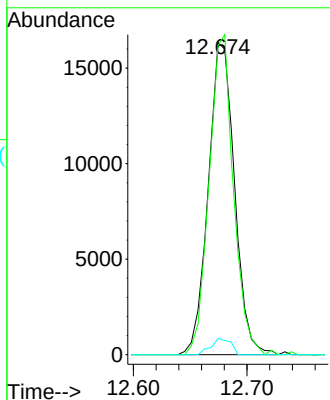
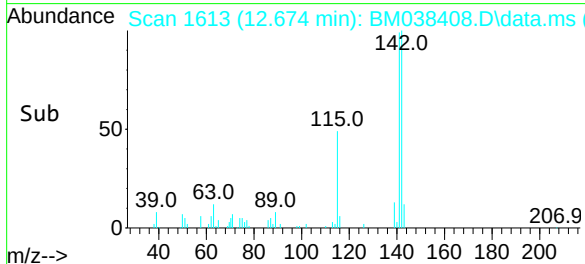
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



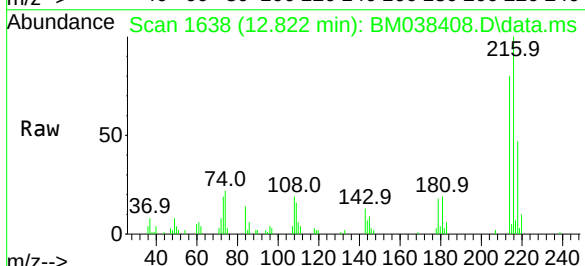
Tgt Ion:142 Resp: 26274  
Ion Ratio Lower Upper  
142 100  
141 99.0 75.9 113.9  
116 5.2 4.2 6.2

Manual Integrations  
APPROVED

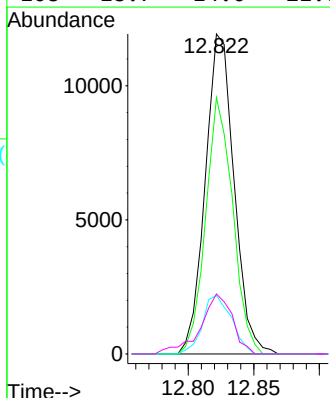
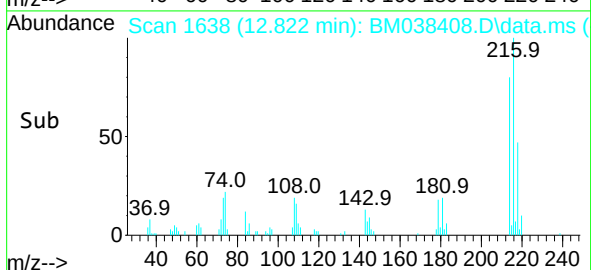
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



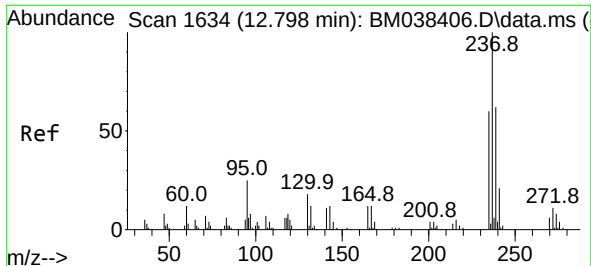
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.047 ng/ul  
RT: 12.822 min Scan# 1638  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



Tgt Ion:216 Resp: 18278  
Ion Ratio Lower Upper  
216 100  
214 80.1 62.0 93.0  
179 18.3 15.6 23.4  
108 18.7 14.0 21.0

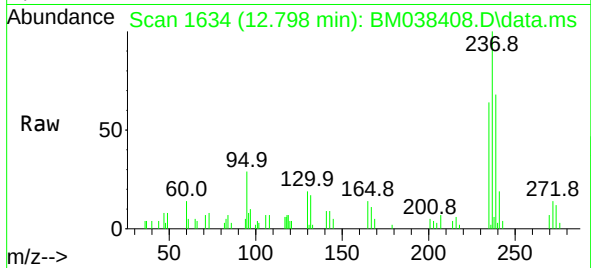






#40  
Hexachlorocyclopentadiene  
Concen: 3.311 ng/ul  
RT: 12.798 min Scan# 1634  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

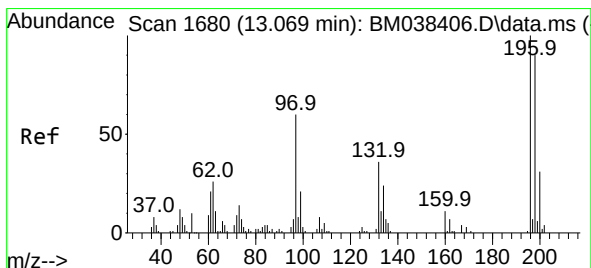
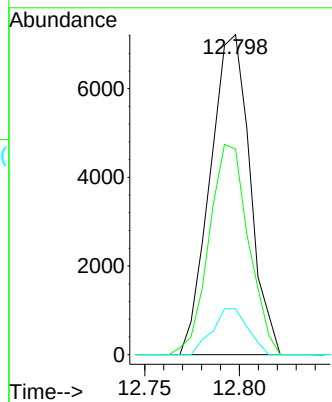
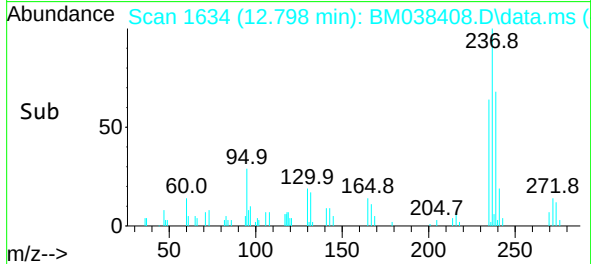
Instrument : BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



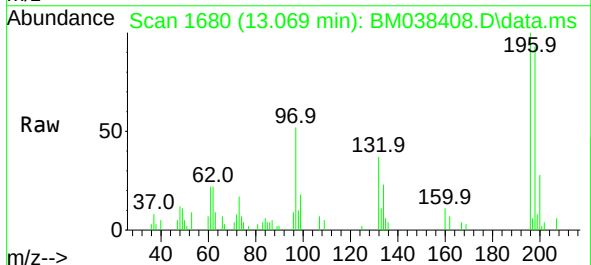
Tgt Ion:237 Resp: 10558  
Ion Ratio Lower Upper  
237 100  
235 64.2 51.0 76.4  
272 14.4 10.2 15.4

Manual Integrations  
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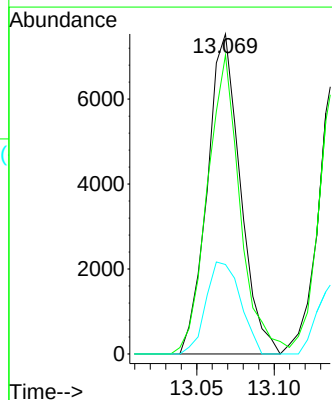
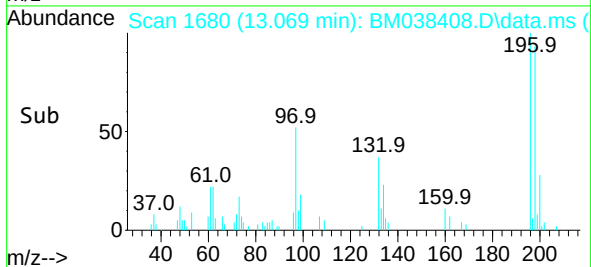
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

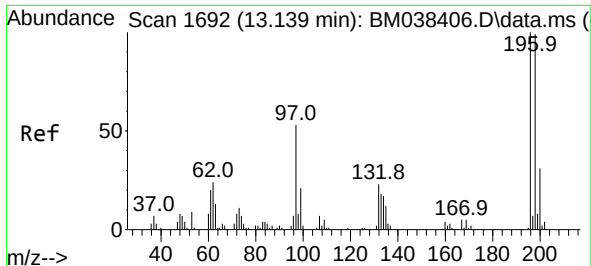


#41  
2,4,6-Trichlorophenol  
Concen: 3.989 ng/ul  
RT: 13.069 min Scan# 1680  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



Tgt Ion:196 Resp: 11182  
Ion Ratio Lower Upper  
196 100  
198 93.5 77.7 116.5  
200 30.1 25.0 37.4





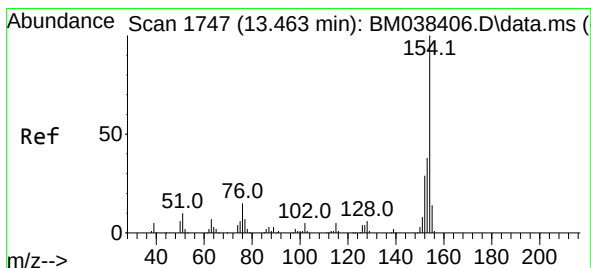
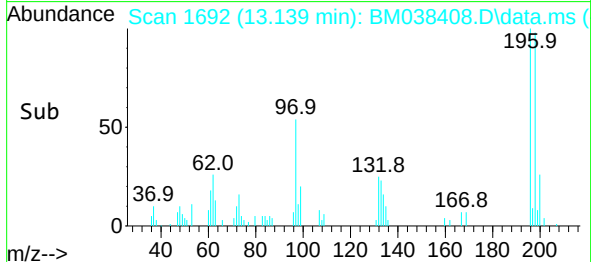
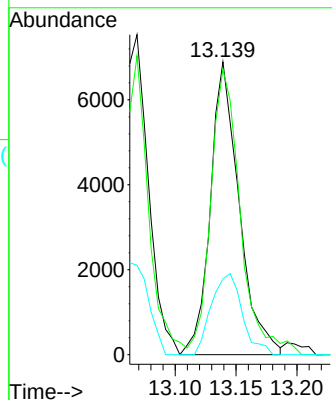
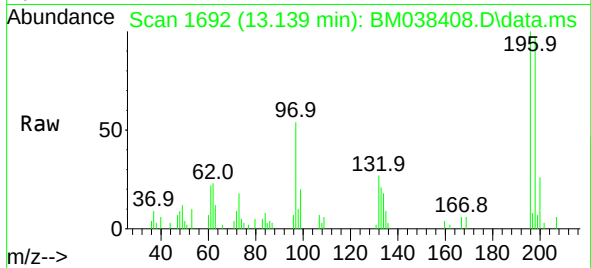
#42  
2,4,5-Trichlorophenol  
Concen: 3.768 ng/ul  
RT: 13.139 min Scan# 1692  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

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

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 11318 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 97.5  | 76.6  | 115.0 |
| 200       | 25.8  | 25.4  | 38.2  |

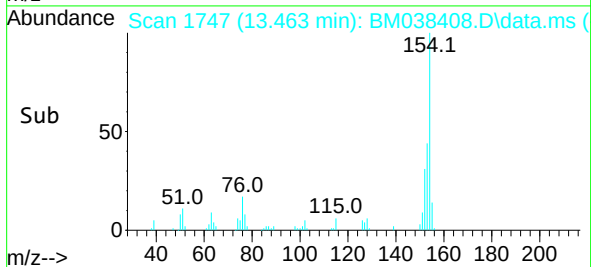
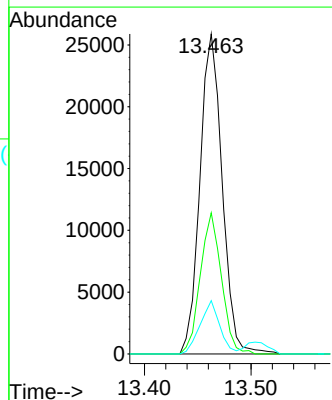
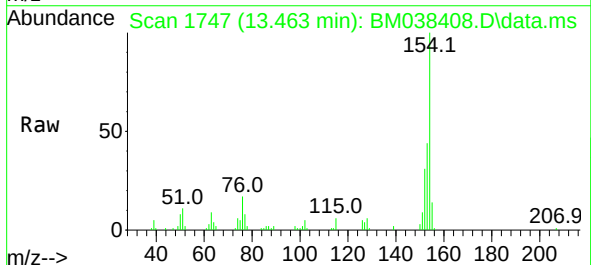
Manual Integrations  
APPROVED

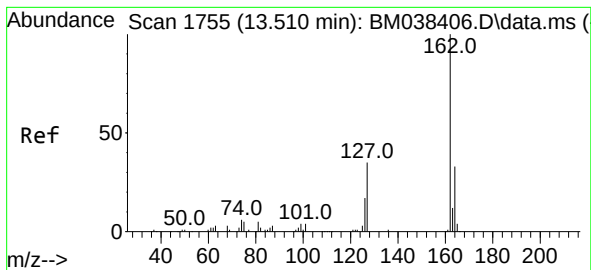
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#43  
1,1'-Biphenyl  
Concen: 3.908 ng/ul  
RT: 13.463 min Scan# 1747  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

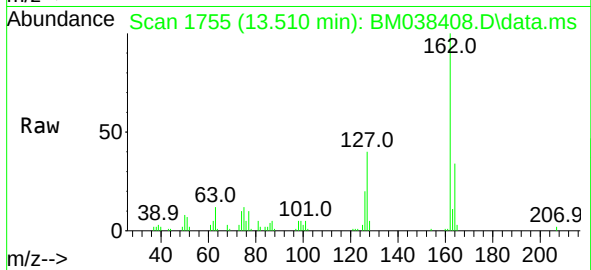
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 37729 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 44.1  | 32.6  | 49.0  |
| 76        | 16.6  | 11.6  | 17.4  |





#44  
2-Chloronaphthalene  
Concen: 3.902 ng/ul  
RT: 13.510 min Scan# 1755  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

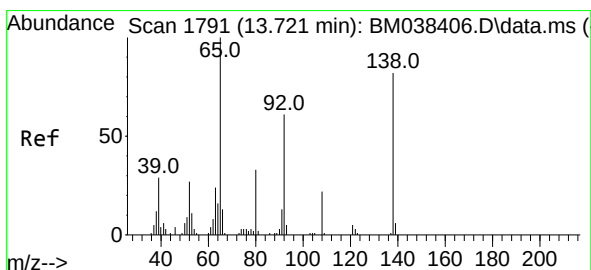
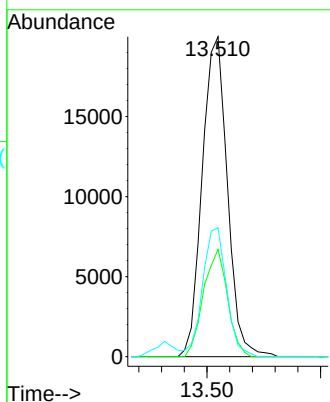
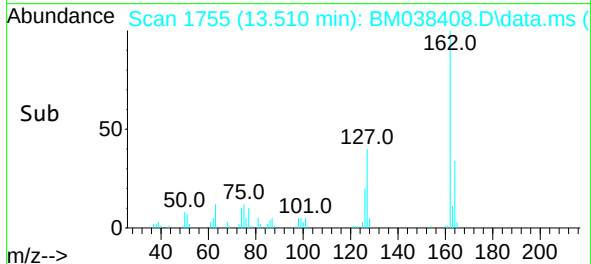
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT3-2022-05



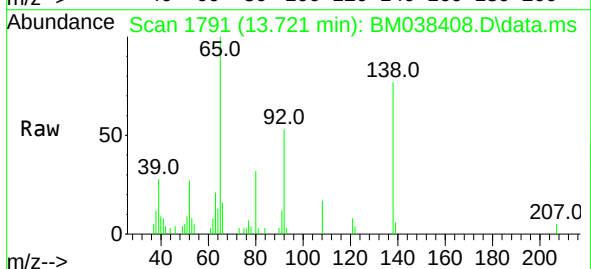
Tgt Ion:162 Resp: 30760  
Ion Ratio Lower Upper  
162 100  
164 33.5 26.6 39.8  
127 40.3 29.7 44.5

Manual Integrations  
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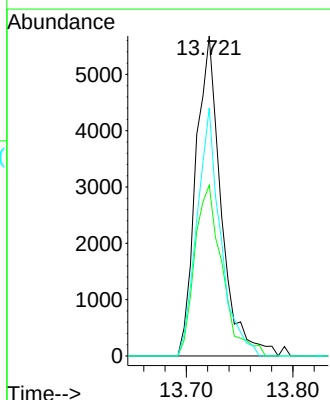
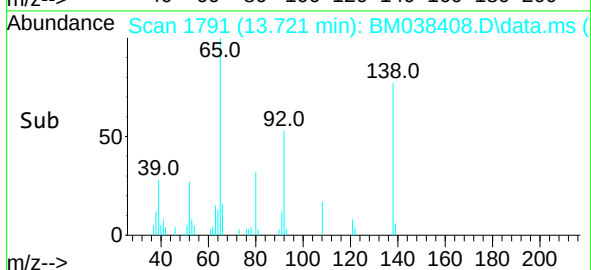
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

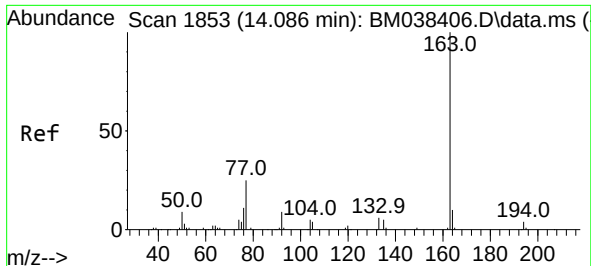


#45  
2-Nitroaniline  
Concen: 3.556 ng/ul  
RT: 13.721 min Scan# 1791  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



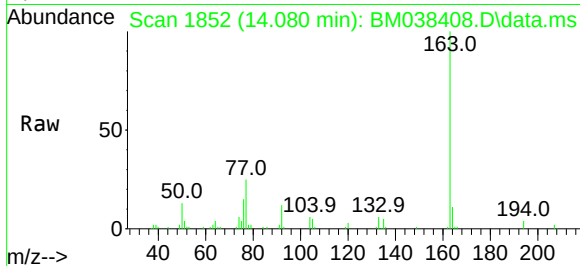
Tgt Ion: 65 Resp: 9377  
Ion Ratio Lower Upper  
65 100  
92 53.4 47.6 71.4  
138 77.4 64.6 96.8





#47  
Dimethylphthalate  
Concen: 3.976 ng/ul  
RT: 14.080 min Scan# 1852  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

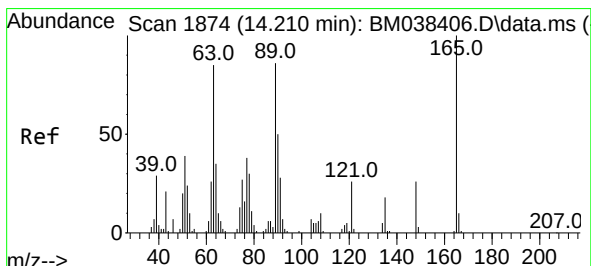
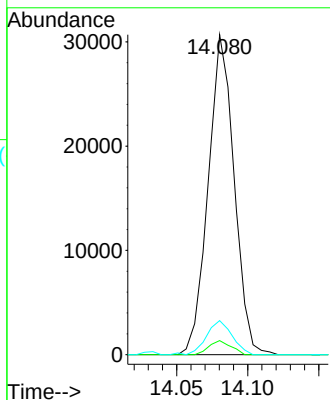
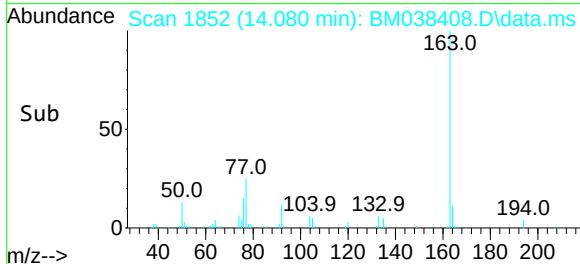
Instrument : BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



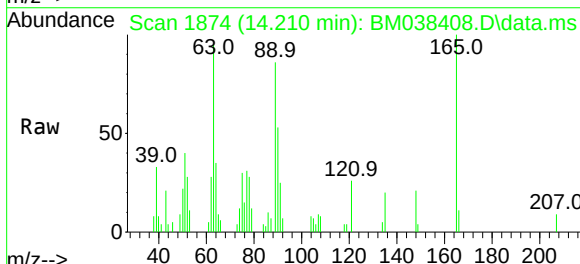
Tgt Ion:163 Resp: 39029  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.0 4.6  
164 10.6 8.2 12.2

Manual Integrations  
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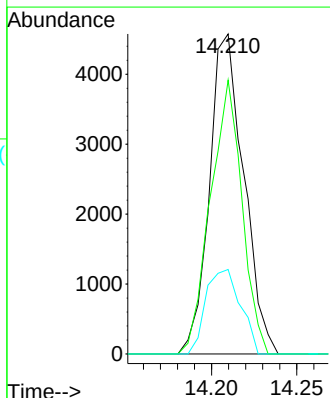
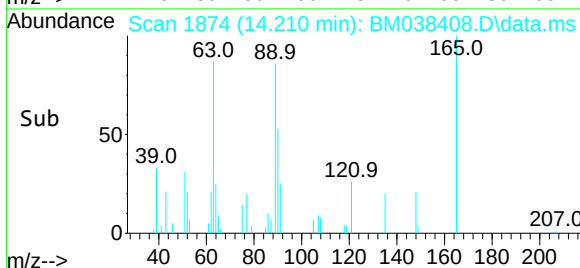
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

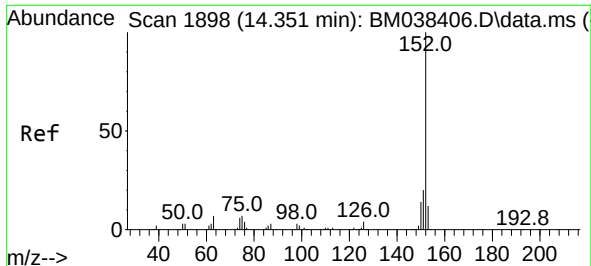


#48  
2,6-Dinitrotoluene  
Concen: 3.426 ng/ul  
RT: 14.210 min Scan# 1874  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



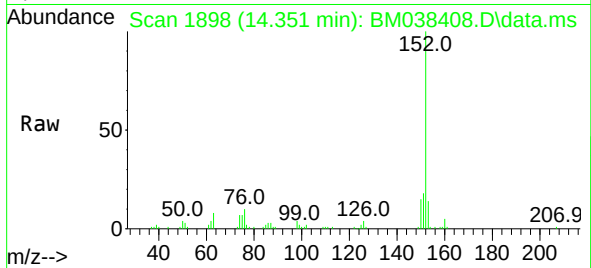
Tgt Ion:165 Resp: 6404  
Ion Ratio Lower Upper  
165 100  
89 85.6 66.2 99.2  
121 26.4 18.9 28.3





#50  
Acenaphthylene  
Concen: 3.991 ng/ul  
RT: 14.351 min Scan# 1898  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

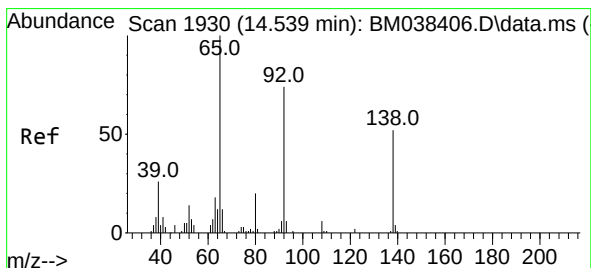
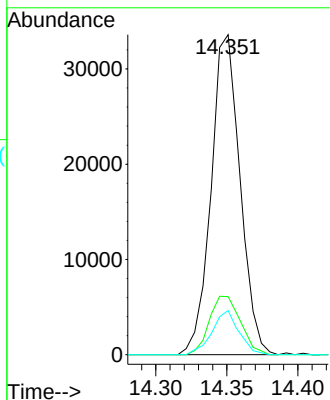
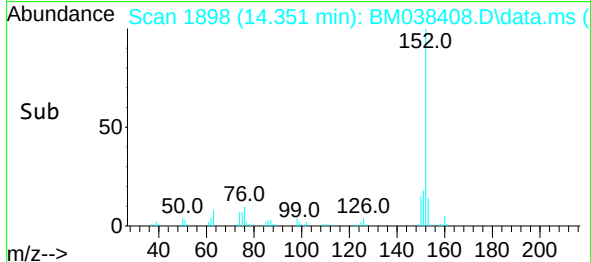
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion:152 Resp: 47720  
Ion Ratio Lower Upper  
152 100  
151 18.1 16.0 24.0  
153 13.8 10.2 15.4

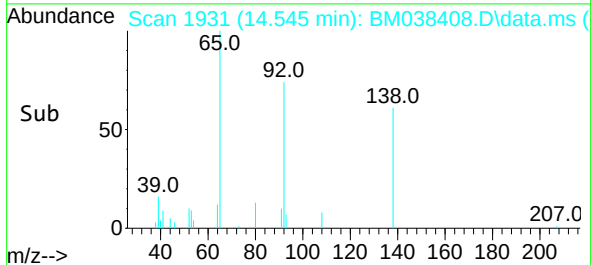
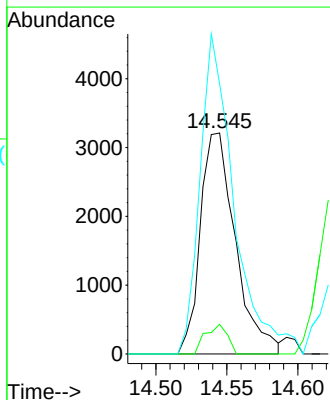
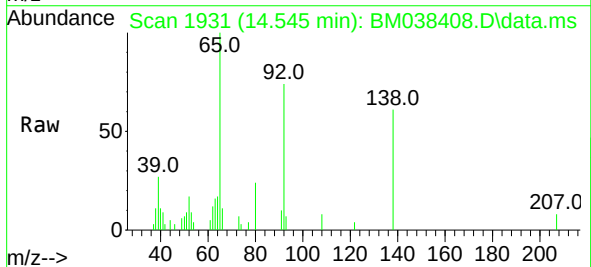
Manual Integrations  
APPROVED

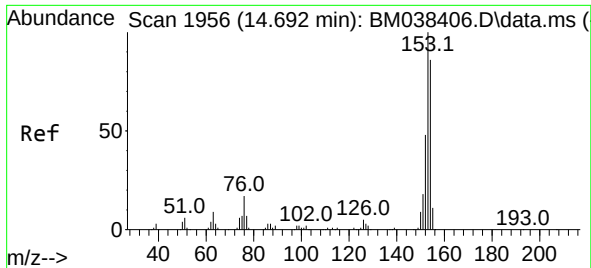
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#51  
3-Nitroaniline  
Concen: 3.217 ng/ul  
RT: 14.545 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

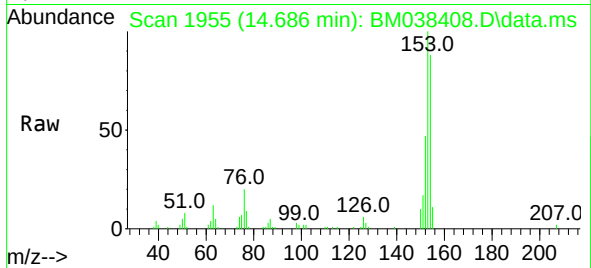
Tgt Ion:138 Resp: 5537  
Ion Ratio Lower Upper  
138 100  
108 13.4 8.6 12.8#  
92 122.1 111.4 167.2





#52  
Acenaphthene  
Concen: 3.941 ng/ul  
RT: 14.686 min Scan# 1955  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

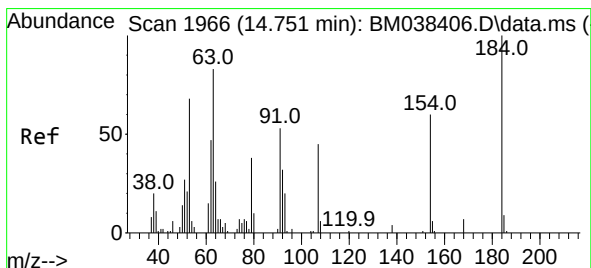
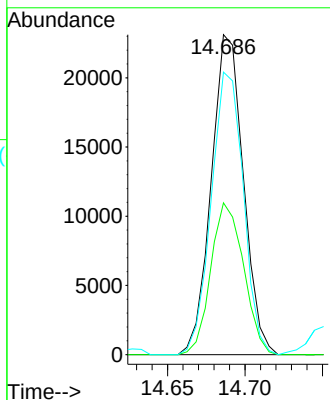
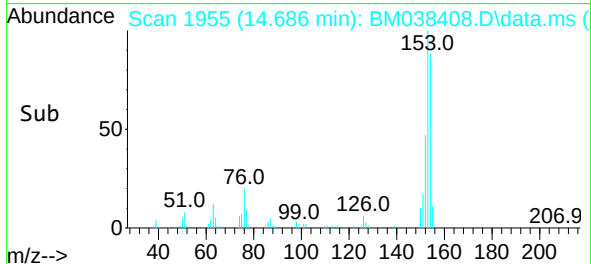
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT3-2022-05



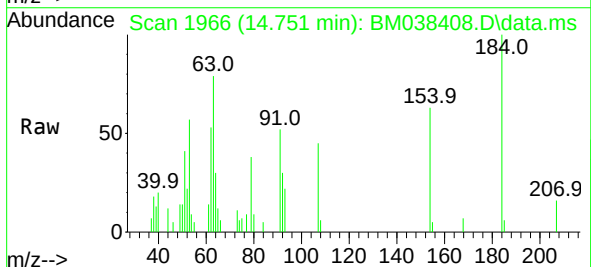
Tgt Ion:153 Resp: 3334  
Ion Ratio Lower Upper  
153 100  
152 47.5 40.1 60.1  
154 88.3 69.0 103.6

Manual Integrations  
APPROVED

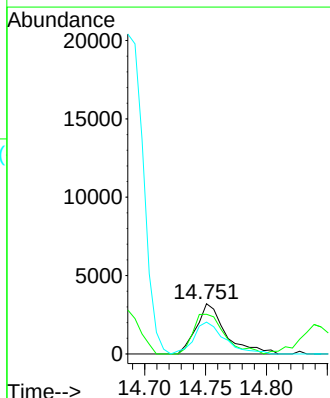
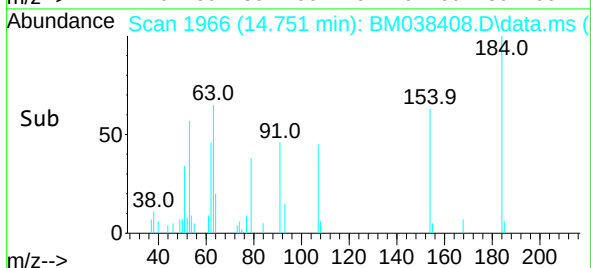
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

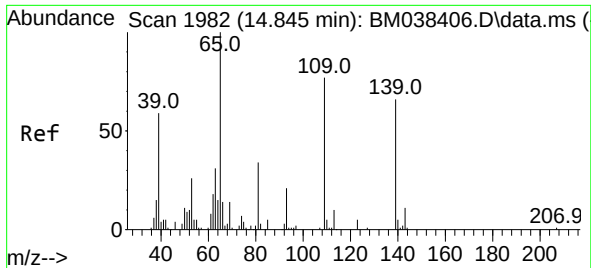


#53  
2,4-Dinitrophenol  
Concen: 3.834 ng/ul  
RT: 14.751 min Scan# 1966  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



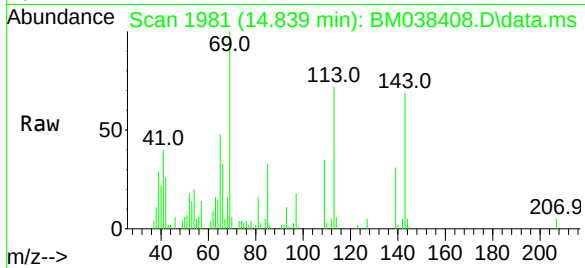
Tgt Ion:184 Resp: 5358  
Ion Ratio Lower Upper  
184 100  
63 78.9 69.1 103.7  
154 63.4 54.5 81.7





#55  
4-Nitrophenol  
Concen: 3.547 ng/ul  
RT: 14.839 min Scan# 1982  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

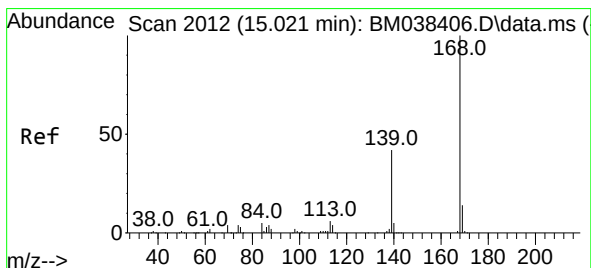
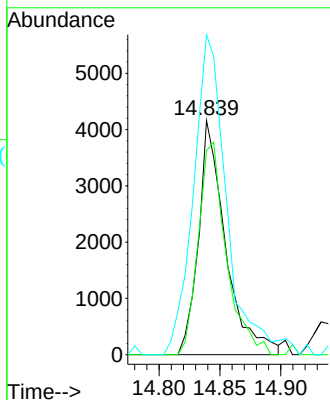
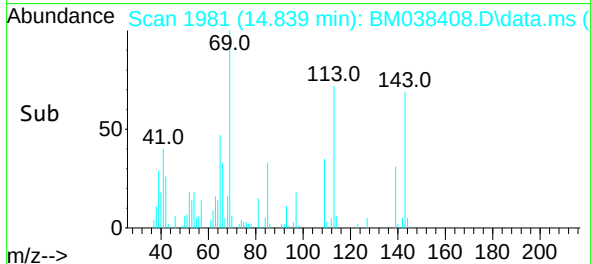
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:109 Resp: 6460  
Ion Ratio Lower Upper  
109 100  
139 87.1 79.1 118.7  
65 136.6 108.6 162.8

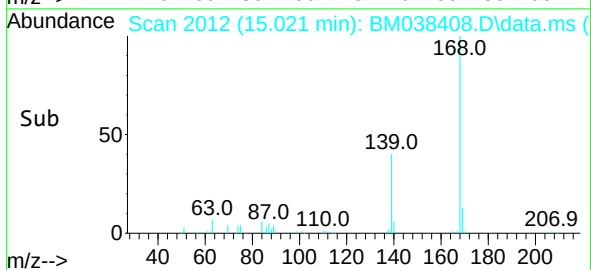
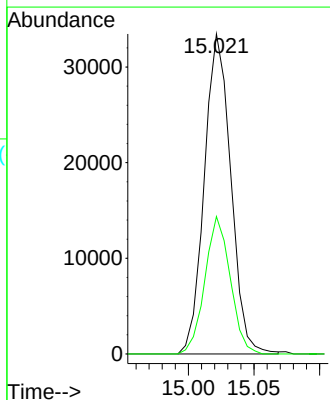
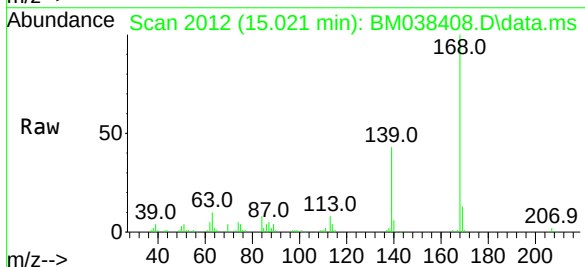
Manual Integrations  
APPROVED

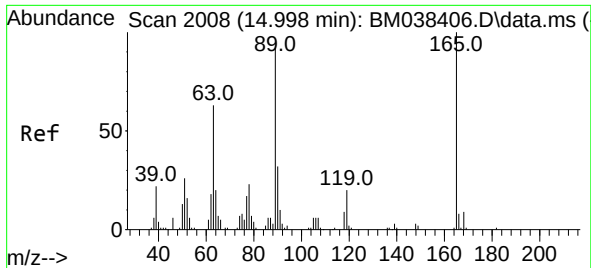
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#56  
Dibenzofuran  
Concen: 3.908 ng/ul  
RT: 15.021 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

Tgt Ion:168 Resp: 47003  
Ion Ratio Lower Upper  
168 100  
139 43.0 30.5 45.7





#57

2,4-Dinitrotoluene

Concen: 3.561 ng/ul

RT: 14.998 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BM038408.D

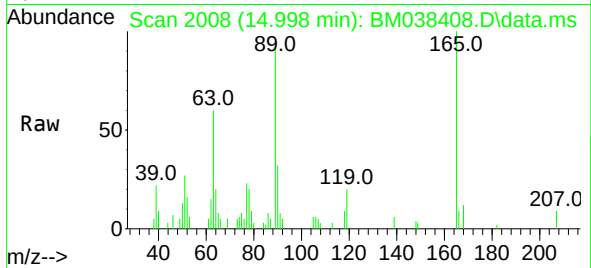
Acq: 09 Jan 2023 10:39

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-QT3-2022-05



Tgt Ion:165 Resp: 973

Ion Ratio Lower Upper

165 100

63 60.3 46.9 70.3

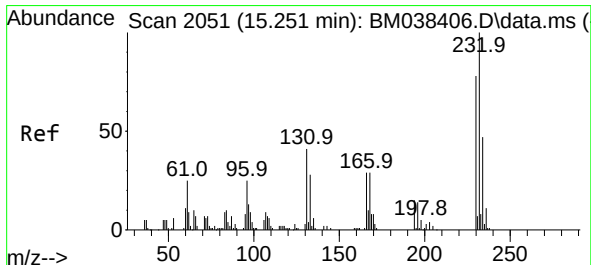
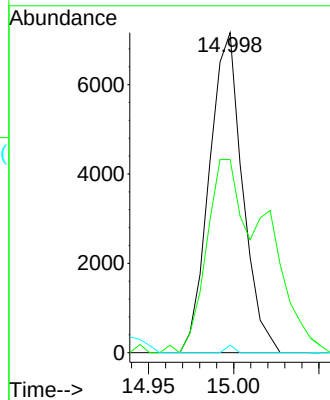
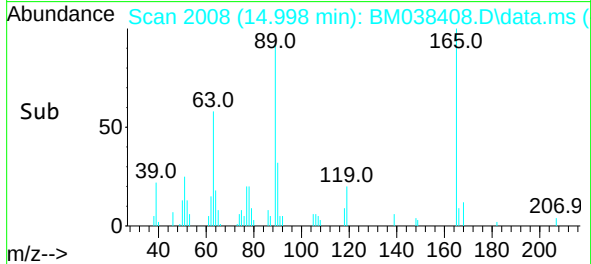
182 2.4 1.3 1.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023

Supervised By :Yogesh Patel 01/11/2023



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.807 ng/ul

RT: 15.251 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

Tgt Ion:232 Resp: 10216

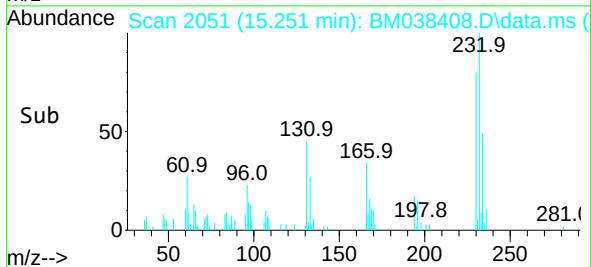
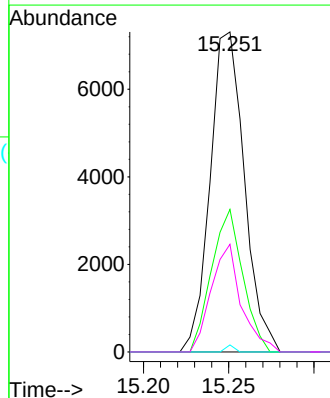
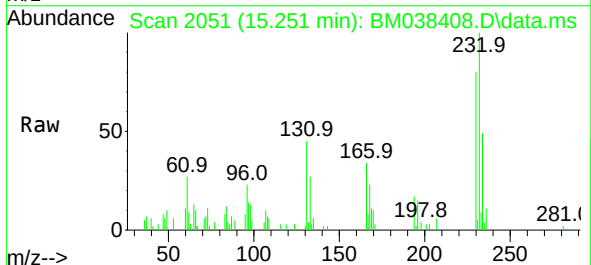
Ion Ratio Lower Upper

232 100

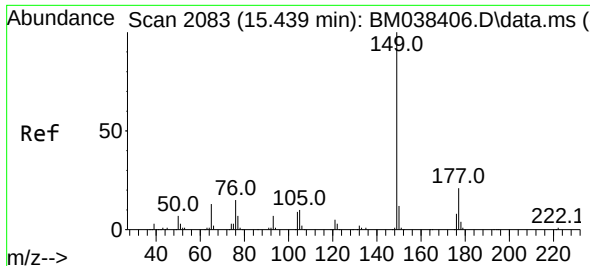
131 44.6 34.4 51.6

130 2.2 2.2 3.4

166 33.6 22.8 34.2

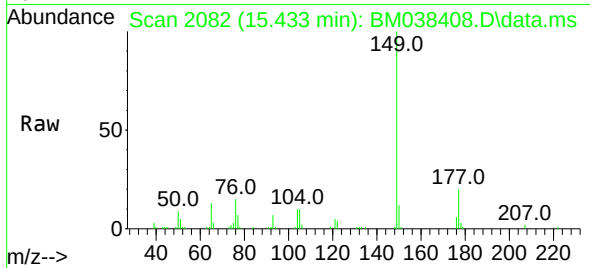






#59  
Diethylphthalate  
Concen: 3.862 ng/ul  
RT: 15.433 min Scan# 2083  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

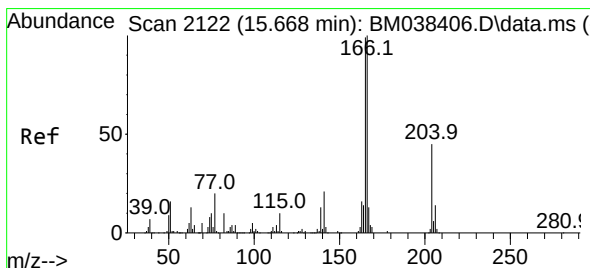
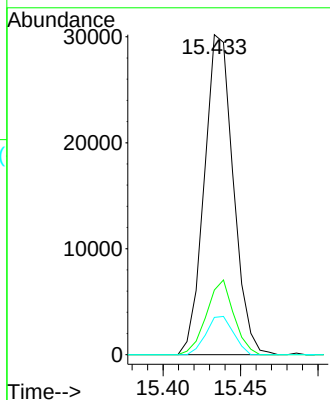
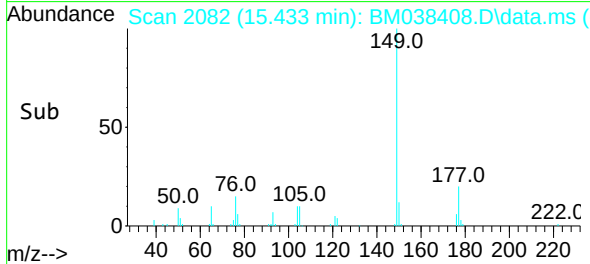
Instrument : BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



Tgt Ion:149 Resp: 3929  
Ion Ratio Lower Upper  
149 100  
177 20.2 17.0 25.4  
150 11.7 9.8 14.8

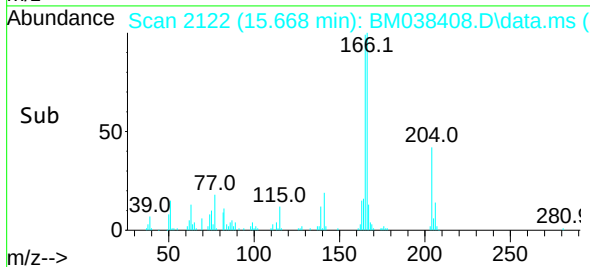
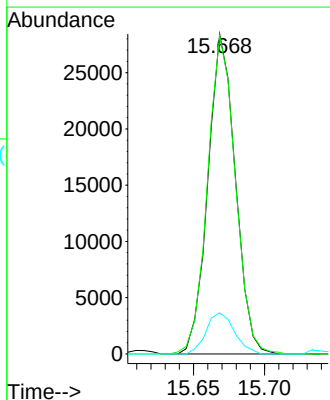
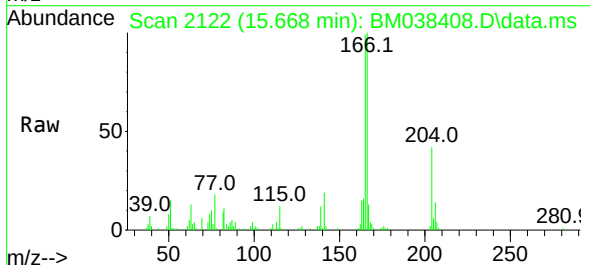
Manual Integrations  
APPROVED

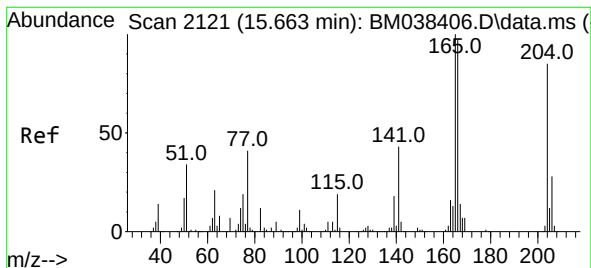
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#61  
Fluorene  
Concen: 3.694 ng/ul  
RT: 15.668 min Scan# 2122  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

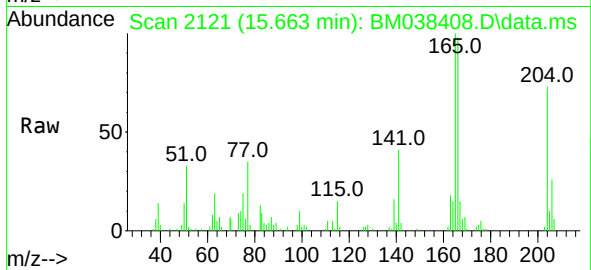
Tgt Ion:166 Resp: 38142  
Ion Ratio Lower Upper  
166 100  
165 99.5 78.7 118.1  
167 12.9 11.0 16.6





#62  
4-Chlorophenyl-phenylether  
Concen: 3.837 ng/ul  
RT: 15.663 min Scan# 2121  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

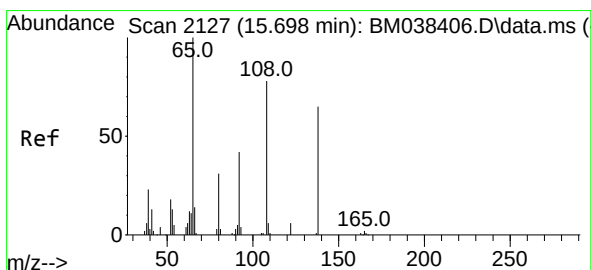
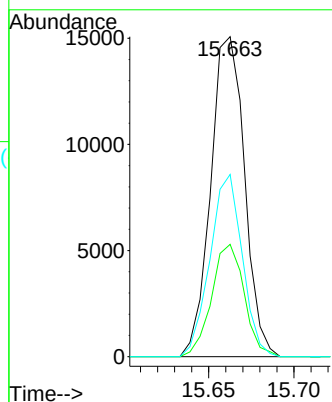
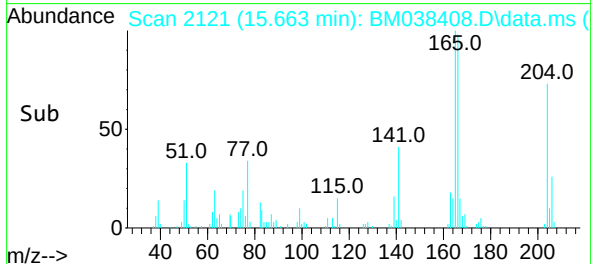
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT3-2022-05



Tgt Ion:204 Resp: 20854  
Ion Ratio Lower Upper  
204 100  
206 35.1 26.8 40.2  
141 56.9 42.9 64.3

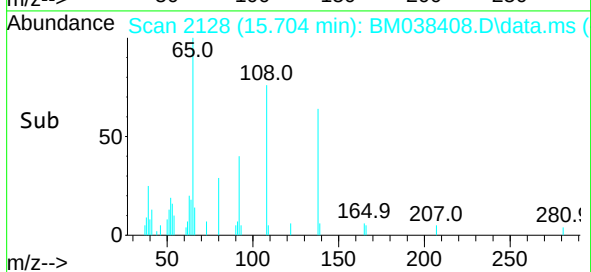
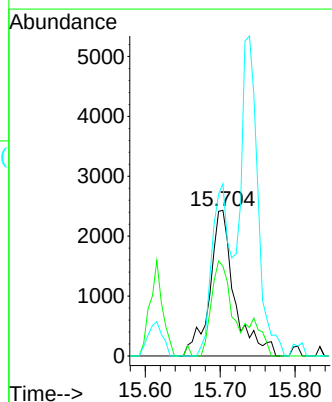
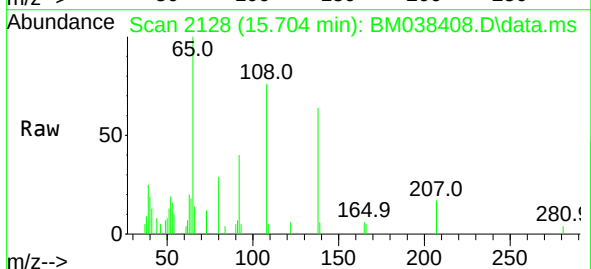
Manual Integrations  
APPROVED

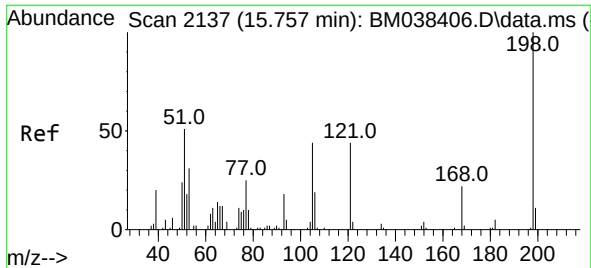
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#63  
4-Nitroaniline  
Concen: 3.388 ng/ul m  
RT: 15.704 min Scan# 2128  
Delta R.T. -0.000 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

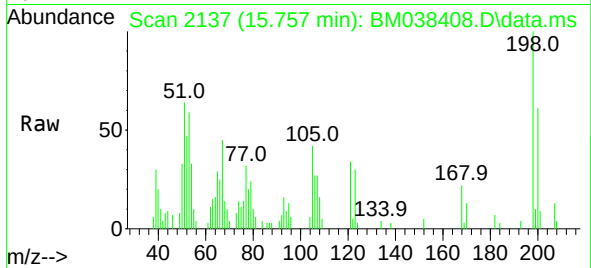
Tgt Ion:138 Resp: 5580  
Ion Ratio Lower Upper  
138 100  
92 61.5 50.2 75.2  
108 118.4 89.3 133.9





#66  
4,6-Dinitro-2-methylphenol  
Concen: 4.075 ng/ul  
RT: 15.757 min Scan# 2137  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

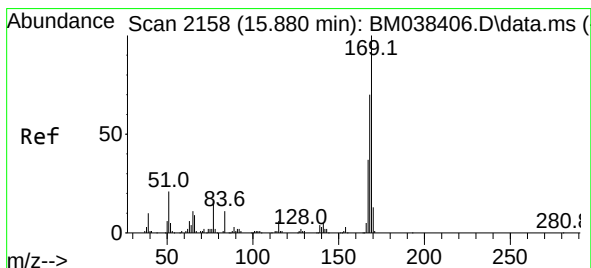
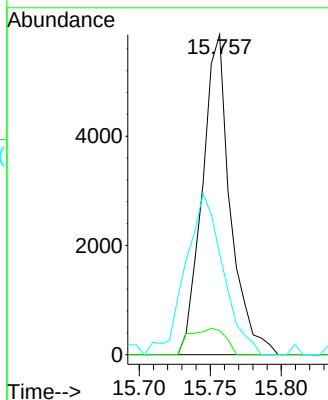
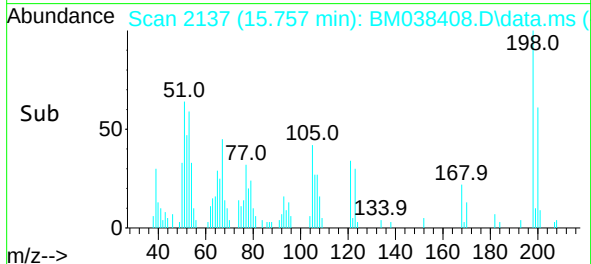
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



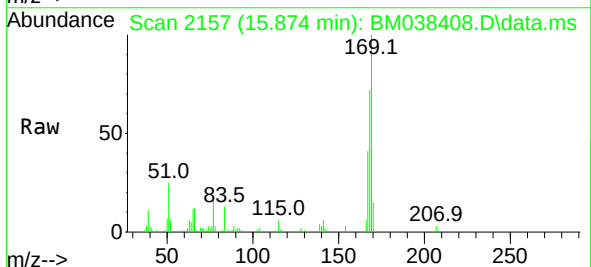
Tgt Ion:198 Resp: 804  
Ion Ratio Lower Upper  
198 100  
182 7.5 3.0 4.6  
77 31.6 24.8 37.2

Manual Integrations  
APPROVED

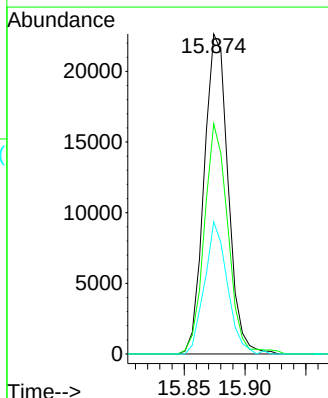
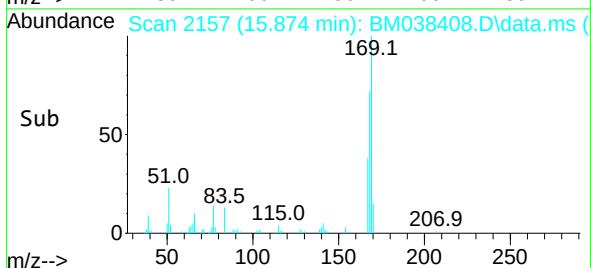
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

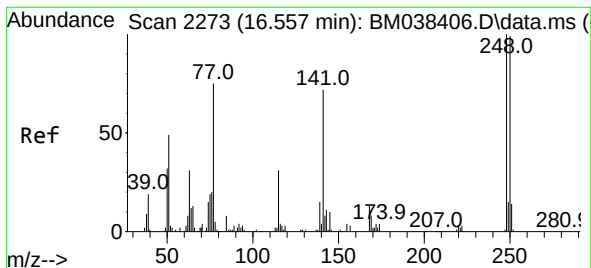


#67  
N-Nitrosodiphenylamine  
Concen: 3.831 ng/ul  
RT: 15.874 min Scan# 2157  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



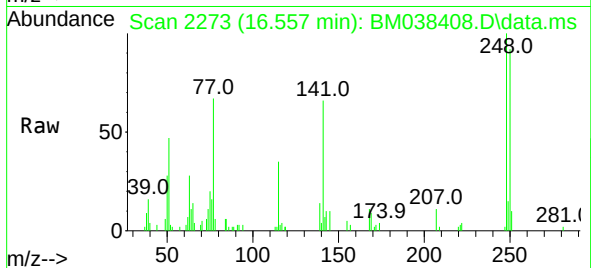
Tgt Ion:169 Resp: 31039  
Ion Ratio Lower Upper  
169 100  
168 72.0 56.4 84.6  
167 41.3 30.5 45.7





#68  
4-Bromophenyl-phenylether  
Concen: 3.937 ng/ul  
RT: 16.557 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

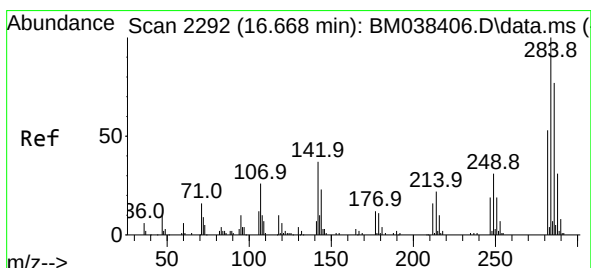
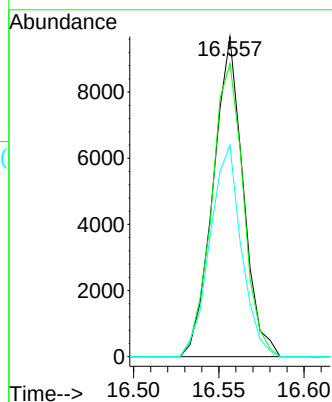
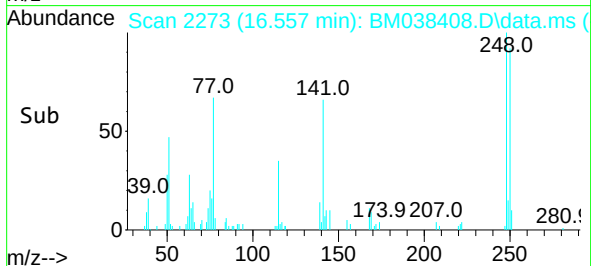
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



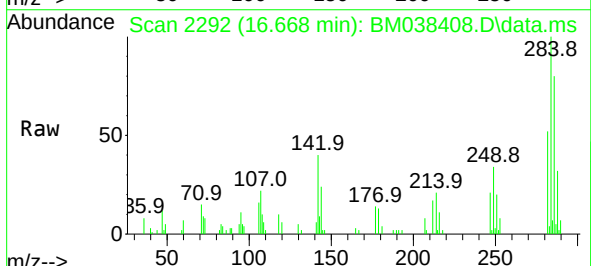
Tgt Ion:248 Resp: 11852  
Ion Ratio Lower Upper  
248 100  
250 91.6 76.7 115.1  
141 66.1 50.3 75.5

Manual Integrations  
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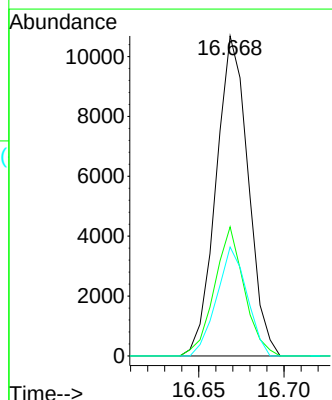
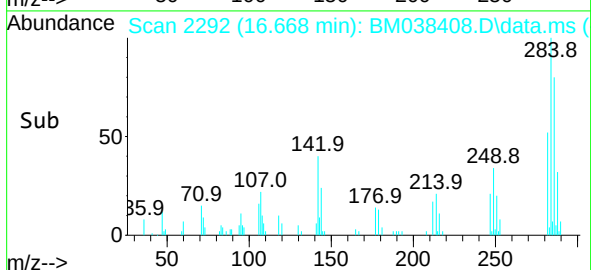
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

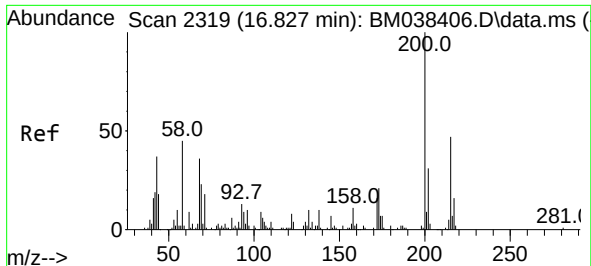


#69  
Hexachlorobenzene  
Concen: 4.036 ng/ul  
RT: 16.668 min Scan# 2292  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



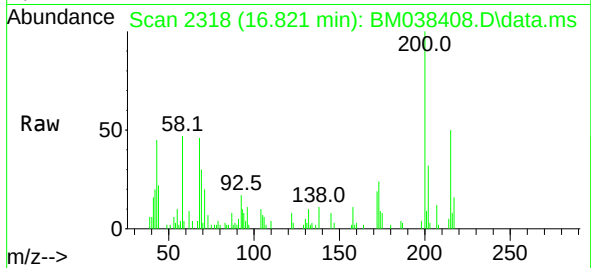
Tgt Ion:284 Resp: 14014  
Ion Ratio Lower Upper  
284 100  
142 37.8 30.1 45.1  
249 31.9 25.0 37.4





#70  
Atrazine  
Concen: 3.635 ng/ul  
RT: 16.821 min Scan# 2117  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

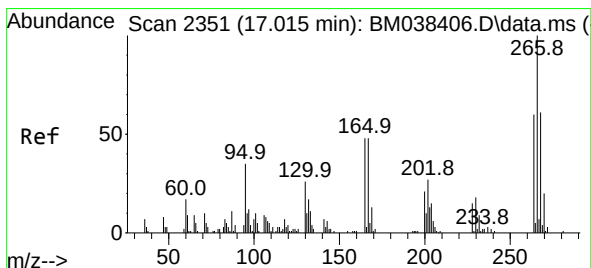
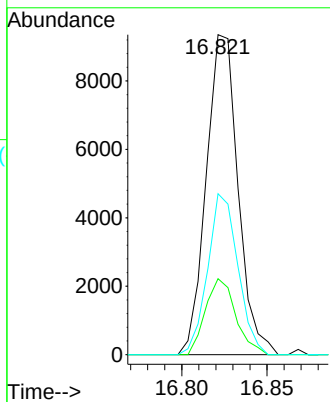
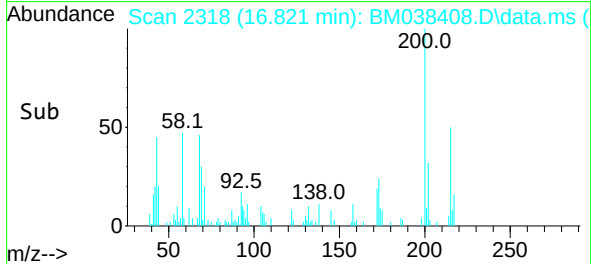
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT3-2022-05



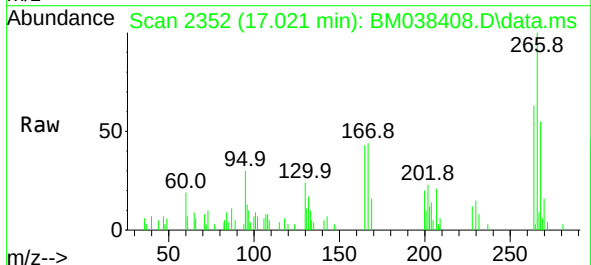
Tgt Ion:200 Resp: 1217  
Ion Ratio Lower Upper  
200 100  
173 23.8 18.6 27.8  
215 50.3 41.1 61.7

Manual Integrations  
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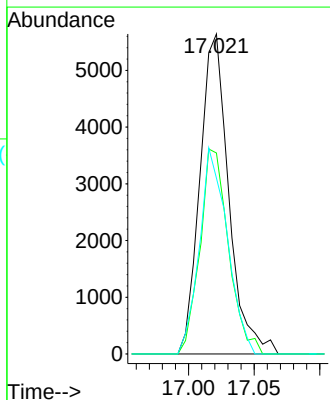
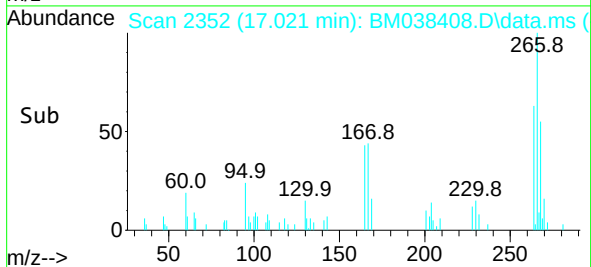
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

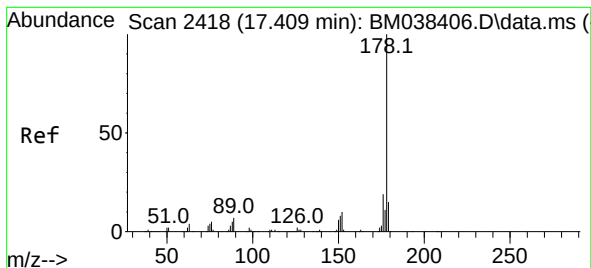


#71  
Pentachlorophenol  
Concen: 3.770 ng/ul  
RT: 17.021 min Scan# 2352  
Delta R.T. -0.000 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



Tgt Ion:266 Resp: 8639  
Ion Ratio Lower Upper  
266 100  
264 65.5 51.6 77.4  
268 55.0 50.9 76.3





#72

Phenanthrene

Concen: 3.942 ng/ul

RT: 17.409 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM038408.D

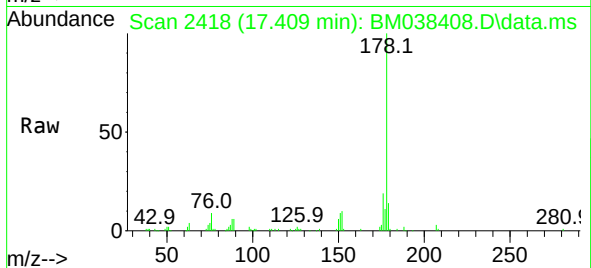
Acq: 09 Jan 2023 10:39

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-QT3-2022-05



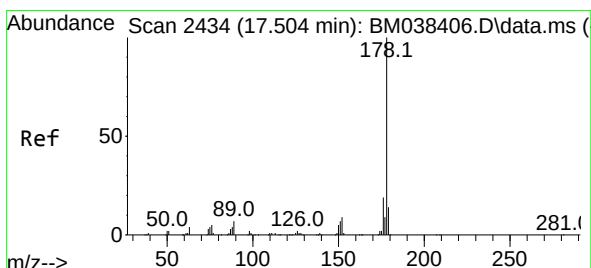
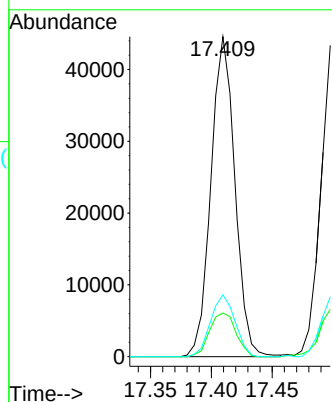
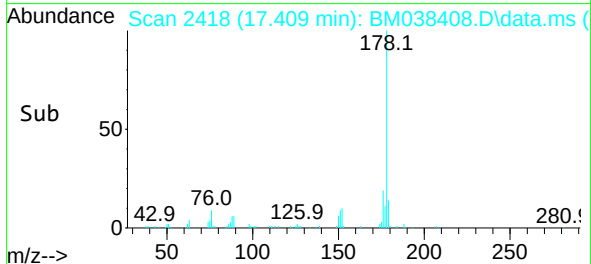
Tgt Ion:178 Resp: 61119

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 13.7  | 12.2  | 18.4  |
| 176 | 19.3  | 15.4  | 23.2  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#74

Anthracene

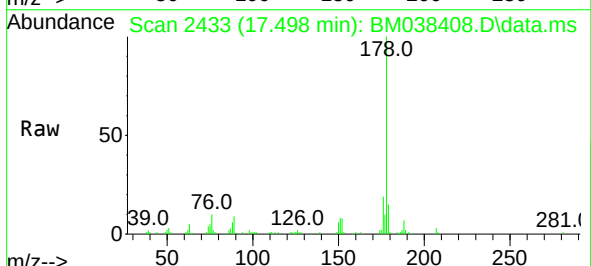
Concen: 3.929 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. -0.012 min

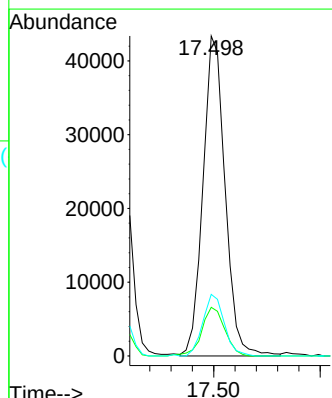
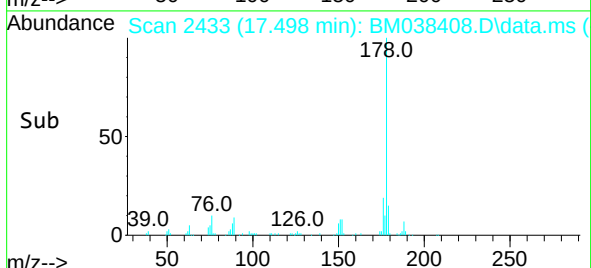
Lab File: BM038408.D

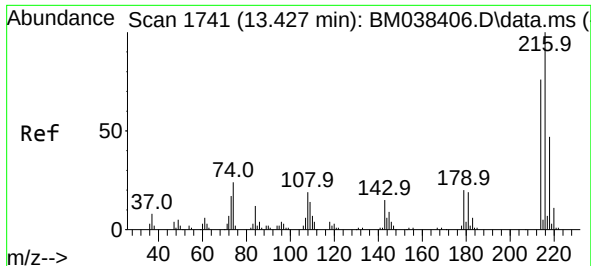
Acq: 09 Jan 2023 10:39



Tgt Ion:178 Resp: 62642

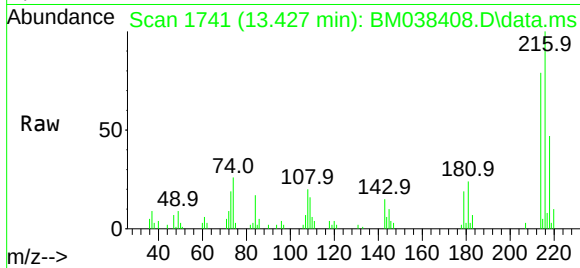
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.2  | 12.2  | 18.4  |
| 176 | 19.2  | 15.5  | 23.3  |





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 3.816 ng/uL  
RT: 13.427 min Scan# 1741  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

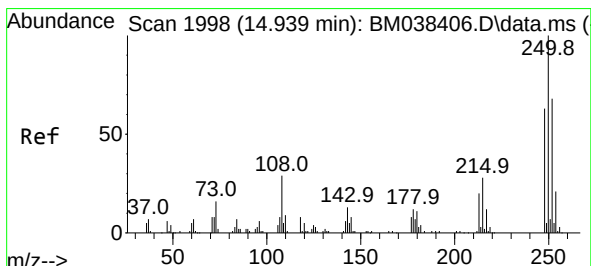
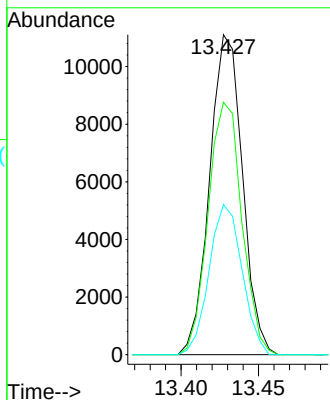
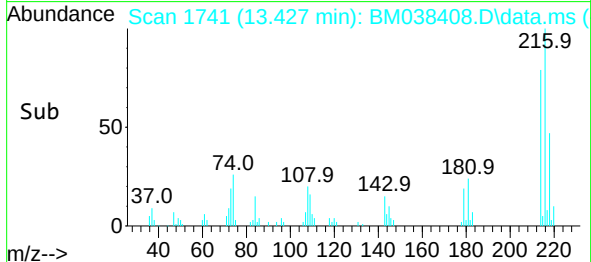
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT3-2022-05



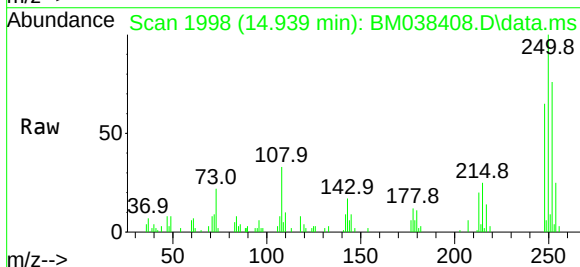
Tgt Ion:216 Resp: 1636  
Ion Ratio Lower Upper  
216 100  
214 78.9 60.2 90.4  
218 50.4 38.2 57.4

Manual Integrations  
APPROVED

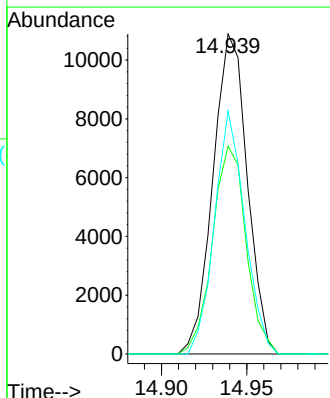
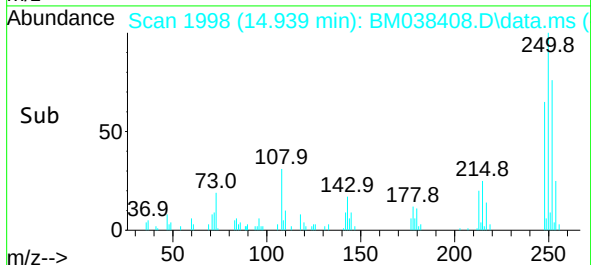
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

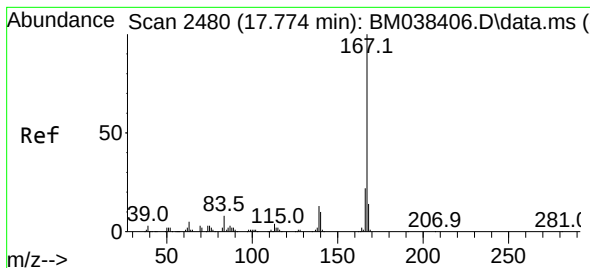


#76  
Pentachlorobenzene  
Concen: 3.688 ng/uL  
RT: 14.939 min Scan# 1998  
Delta R.T. -0.012 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



Tgt Ion:250 Resp: 15240  
Ion Ratio Lower Upper  
250 100  
248 70.6 50.3 75.5  
252 75.9 53.2 79.8





#77

Carbazole

Concen: 3.346 ng/ul

RT: 17.774 min Scan# 2480

Delta R.T. -0.006 min

Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

Instrument :

BNA\_M

ClientSampleId :

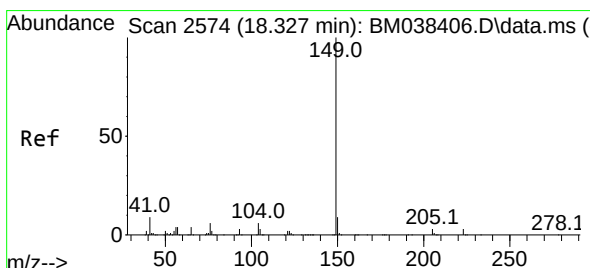
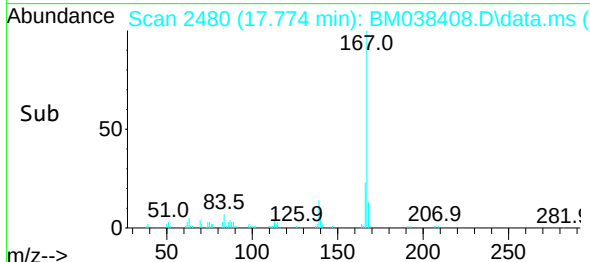
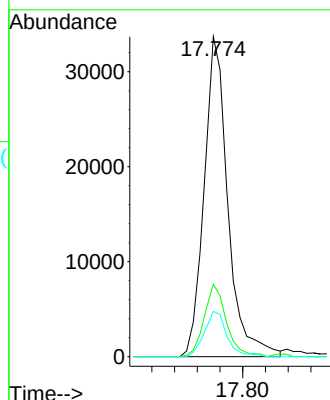
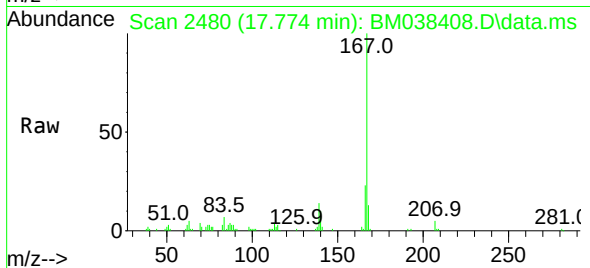
MDL-WATER-QT3-2022-05

|             |             |
|-------------|-------------|
| Tgt Ion:167 | Resp: 4892  |
| Ion Ratio   | Lower Upper |
| 167 100     |             |
| 166 22.6    | 17.8 26.8   |
| 139 14.2    | 10.2 15.2   |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#78

Di-n-butylphthalate

Concen: 3.499 ng/ul

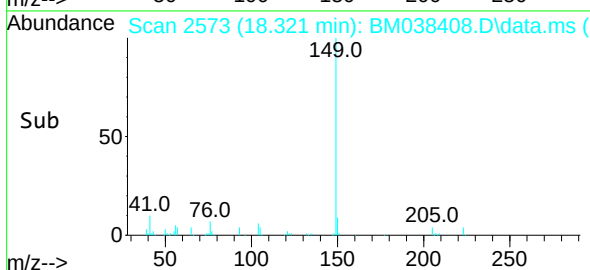
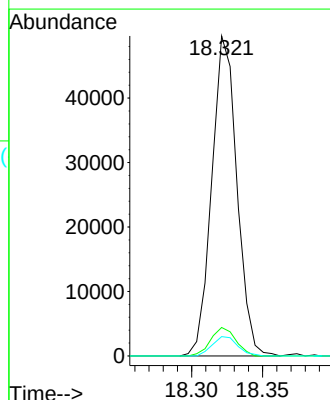
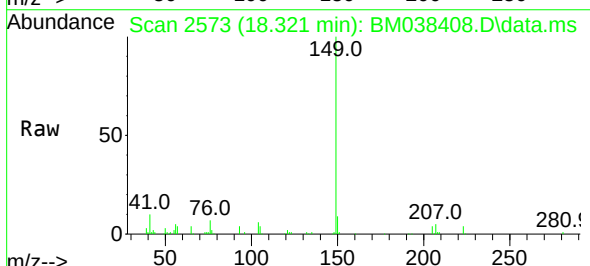
RT: 18.321 min Scan# 2573

Delta R.T. -0.006 min

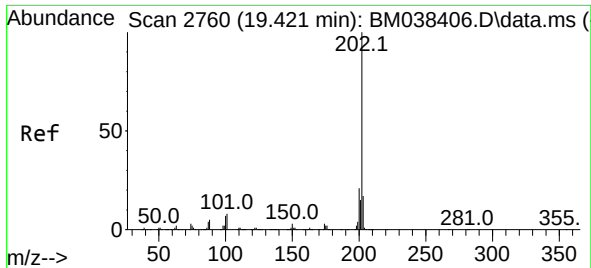
Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

|             |             |
|-------------|-------------|
| Tgt Ion:149 | Resp: 61113 |
| Ion Ratio   | Lower Upper |
| 149 100     |             |
| 150 8.9     | 7.4 11.0    |
| 104 6.0     | 4.8 7.2     |

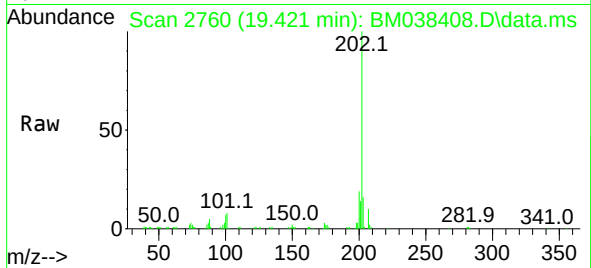






#80  
Fluoranthene  
Concen: 3.900 ng/ul  
RT: 19.421 min Scan# 2760  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

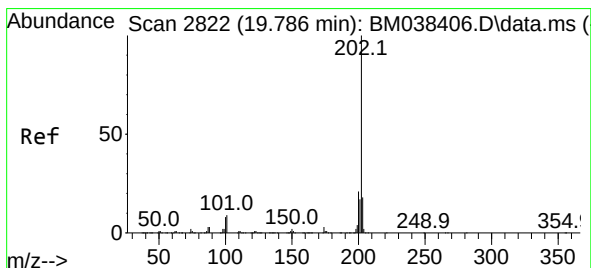
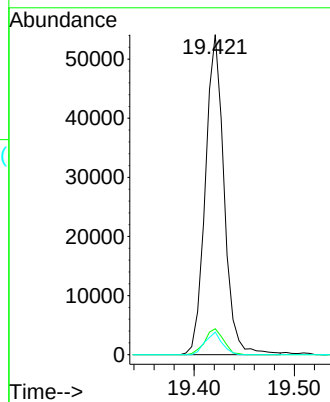
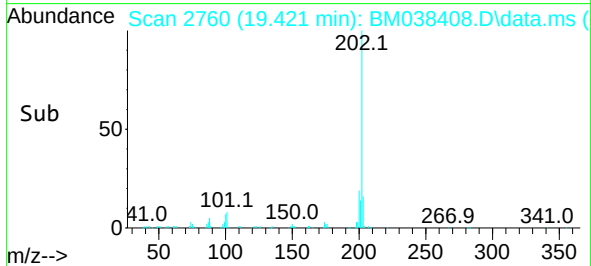
Instrument : BNA\_M  
ClientSampleId :  
MDL-WATER-QT3-2022-05



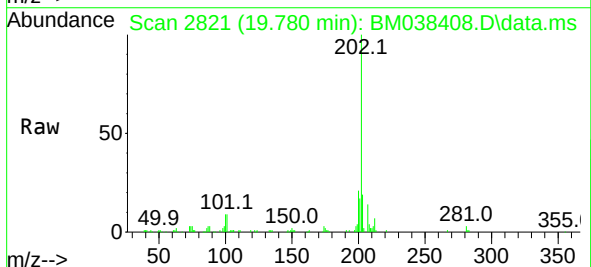
Tgt Ion:202 Resp: 70449  
Ion Ratio Lower Upper  
202 100  
101 8.1 7.0 10.6  
100 7.0 5.8 8.8

Manual Integrations  
APPROVED

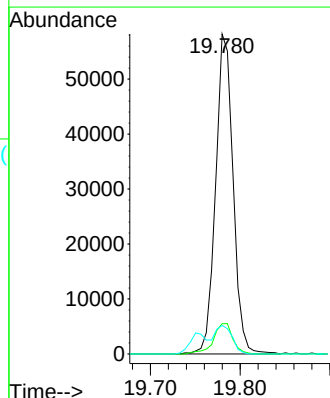
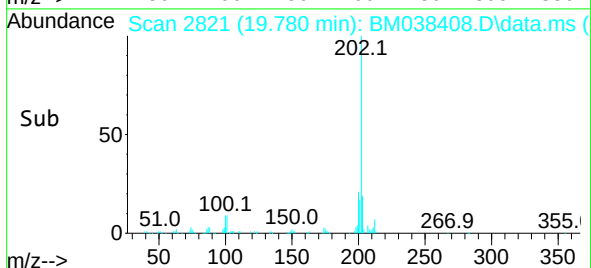
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023

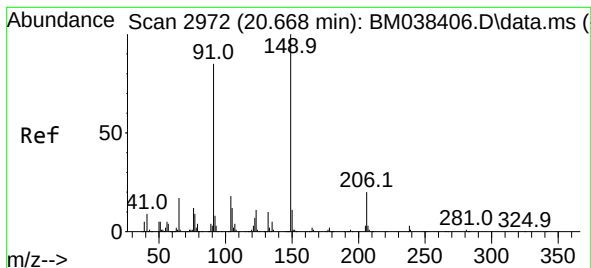


#82  
Pyrene  
Concen: 4.000 ng/ul  
RT: 19.780 min Scan# 2821  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39



Tgt Ion:202 Resp: 78748  
Ion Ratio Lower Upper  
202 100  
101 9.4 8.6 13.0  
100 8.9 7.4 11.0





#83

Butylbenzylphthalate

Concen: 3.467 ng/ul

RT: 20.668 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

Instrument :

BNA\_M

ClientSampleId :

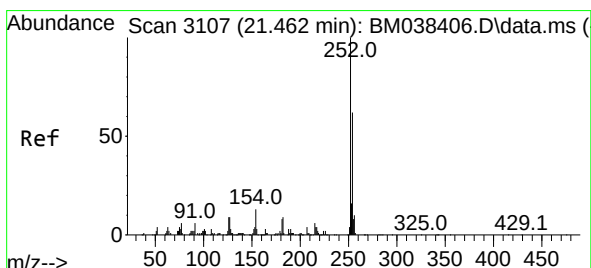
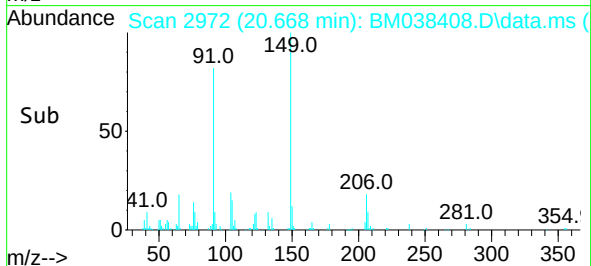
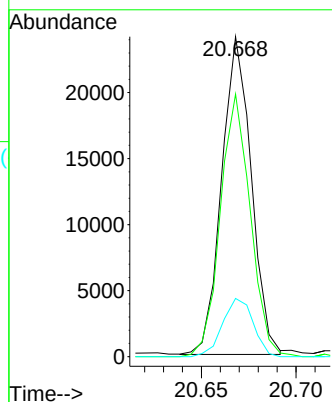
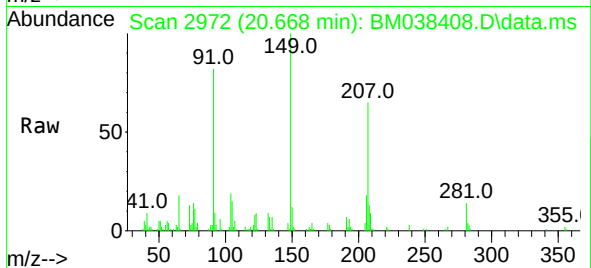
MDL-WATER-QT3-2022-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 26174 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 82.0  | 65.0  | 97.6  |
| 206       | 18.2  | 16.0  | 24.0  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.589 ng/ul

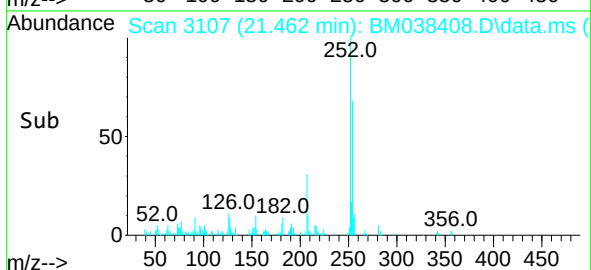
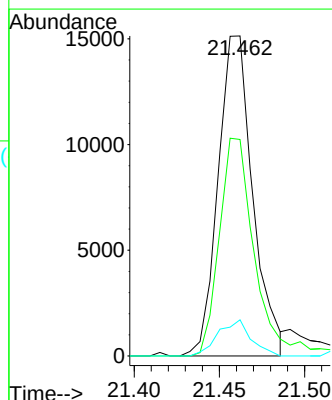
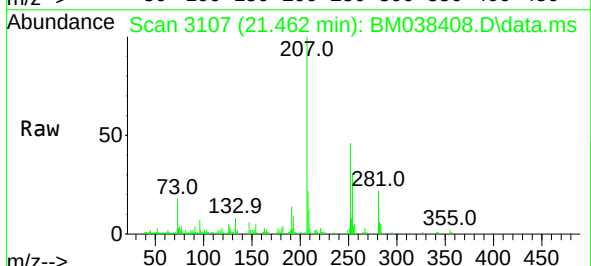
RT: 21.462 min Scan# 3107

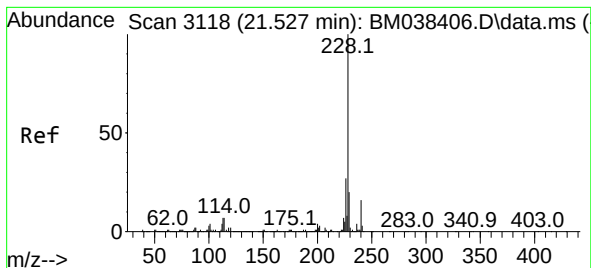
Delta R.T. -0.000 min

Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 21486 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 67.7  | 52.1  | 78.1  |
| 126       | 11.3  | 6.4   | 9.6   |





#85

Benzo(a)anthracene

Concen: 3.945 ng/ul

RT: 21.527 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-QT3-2022-05

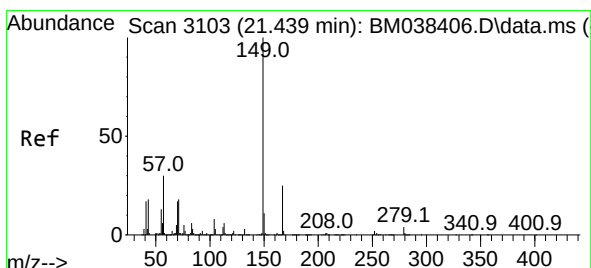
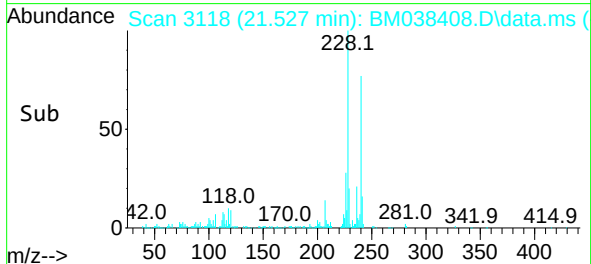
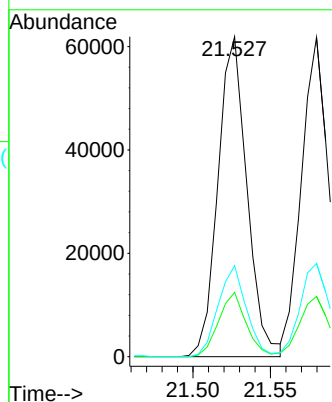
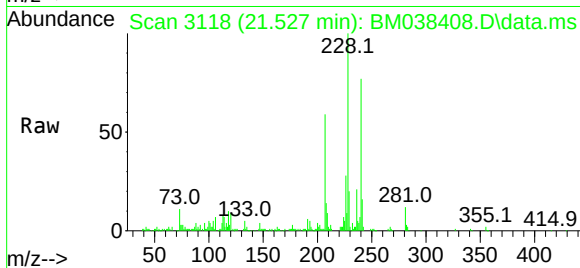
Tgt Ion:228 Resp: 80599

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 20.1  | 15.6  | 23.4  |
| 226 | 28.4  | 21.1  | 31.7  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.461 ng/ul

RT: 21.439 min Scan# 3103

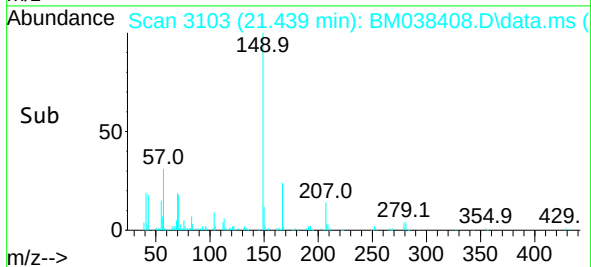
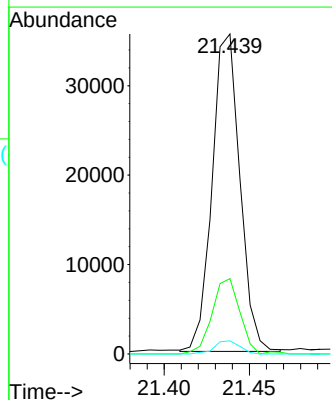
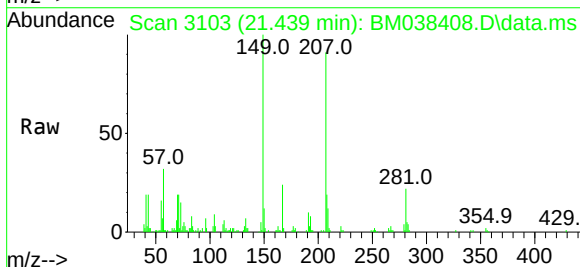
Delta R.T. -0.000 min

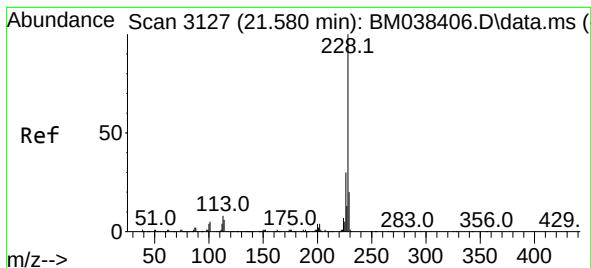
Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

Tgt Ion:149 Resp: 40337

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 23.6  | 19.7  | 29.5  |
| 279 | 4.1   | 2.8   | 4.2   |





#87

Chrysene

Concen: 3.955 ng/ul

RT: 21.580 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

Instrument :

BNA\_M

ClientSampleId :

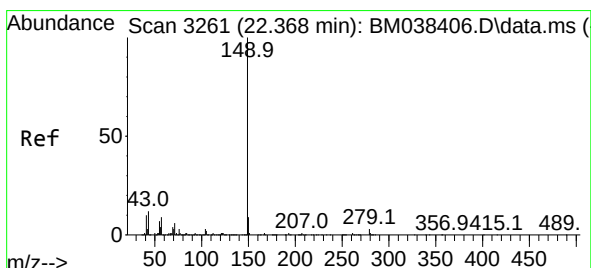
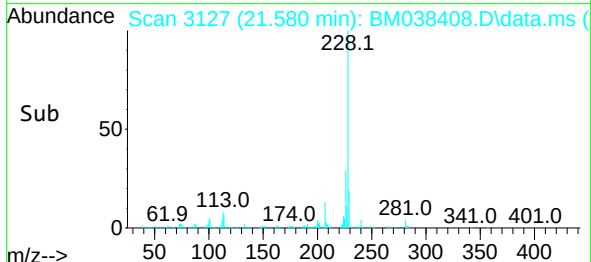
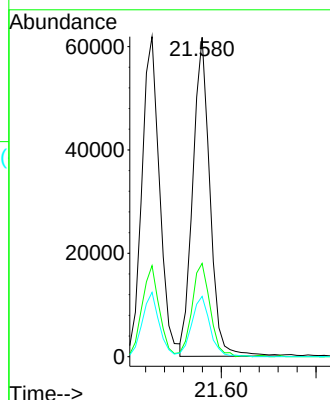
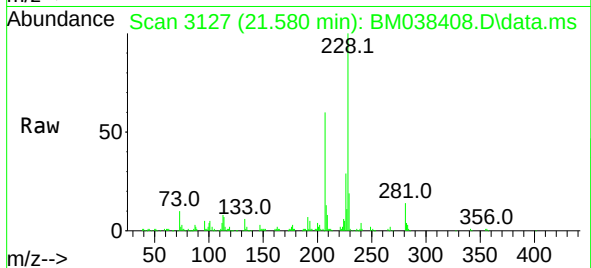
MDL-WATER-QT3-2022-05

Tgt Ion:228 Resp: 77623  
 Ion Ratio Lower Upper  
 228 100  
 226 29.2 24.0 36.0  
 229 18.9 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
 Supervised By :Yogesh Patel 01/11/2023



#89

Di-n-octyl phthalate

Concen: 2.861 ng/ul

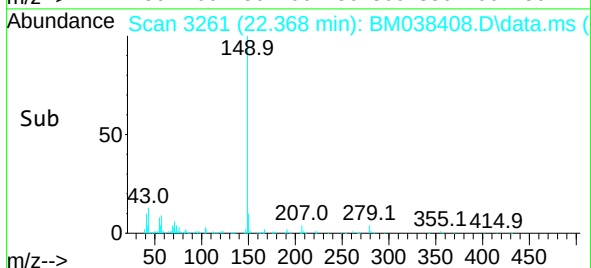
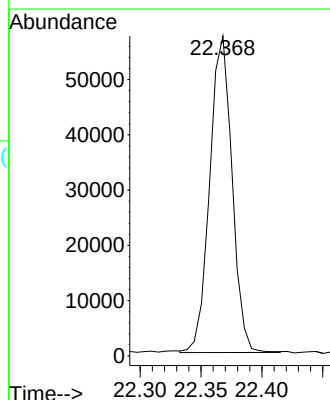
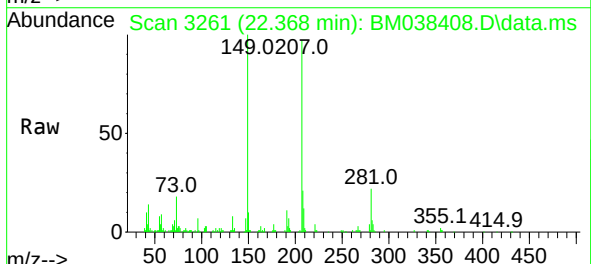
RT: 22.368 min Scan# 3261

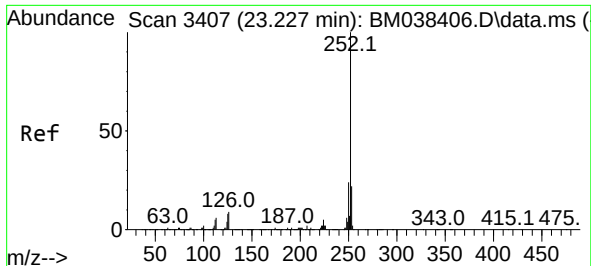
Delta R.T. -0.000 min

Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

Tgt Ion:149 Resp: 73270





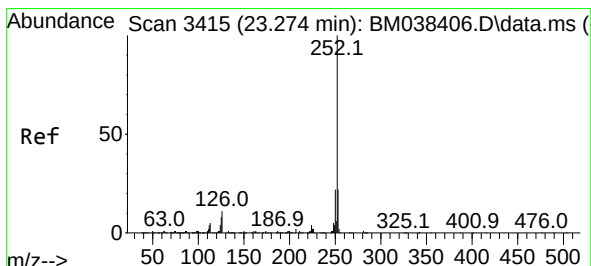
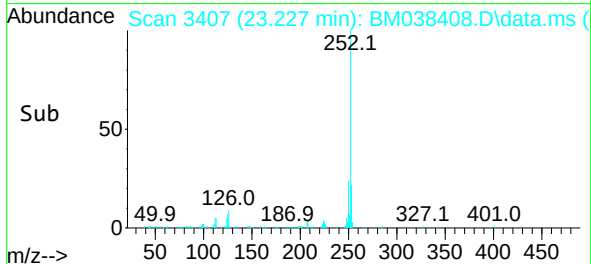
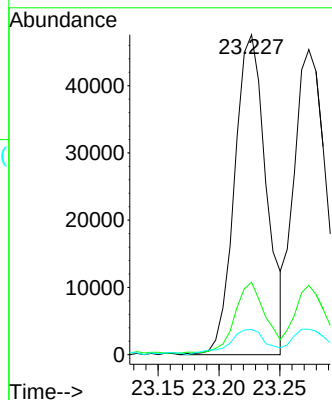
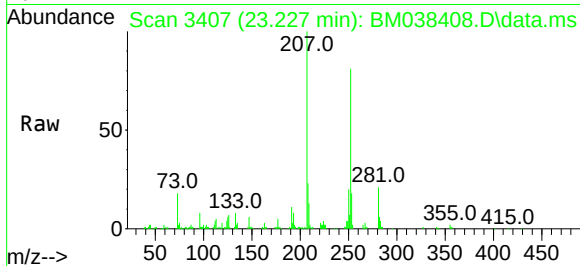
#90  
Benzo(b)fluoranthene  
Concen: 3.824 ng/ul  
RT: 23.227 min Scan# 3407  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

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

Tgt Ion:252 Resp: 8663  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.6  
125 7.9 6.6 10.0

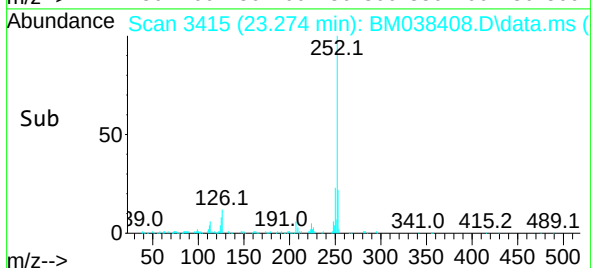
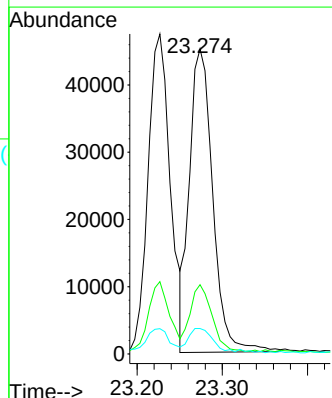
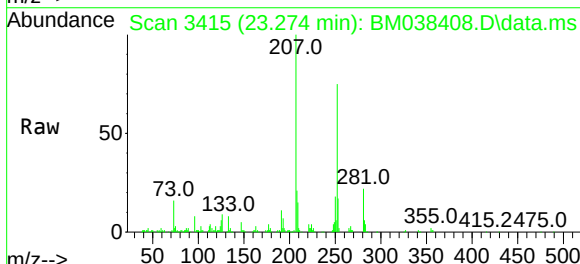
Manual Integrations  
APPROVED

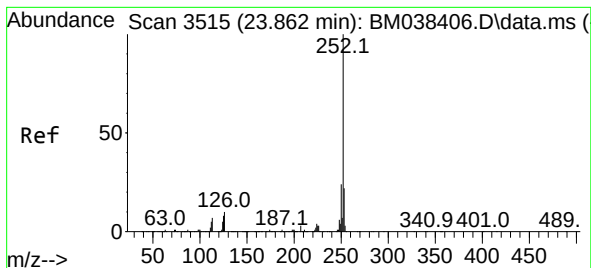
Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#91  
Benzo(k)fluoranthene  
Concen: 3.776 ng/ul  
RT: 23.274 min Scan# 3415  
Delta R.T. -0.006 min  
Lab File: BM038408.D  
Acq: 09 Jan 2023 10:39

Tgt Ion:252 Resp: 85895  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.8 26.6  
125 8.3 6.3 9.5





#93

Benzo(a)pyrene

Concen: 3.860 ng/ul

RT: 23.862 min Scan# 3515

Delta R.T. -0.006 min

Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

Instrument :

BNA\_M

ClientSampleId :

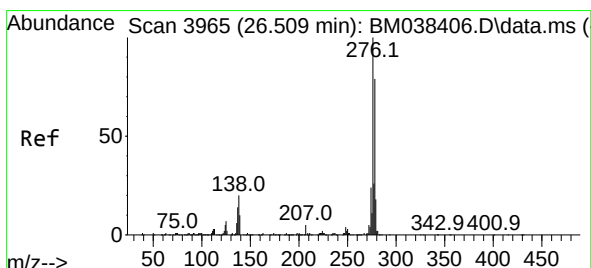
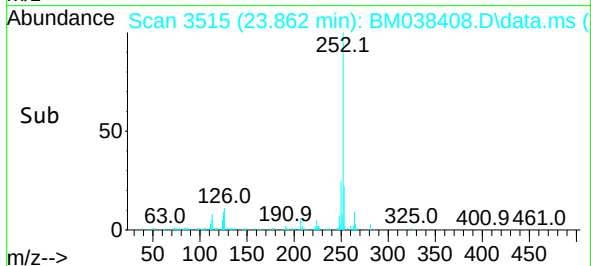
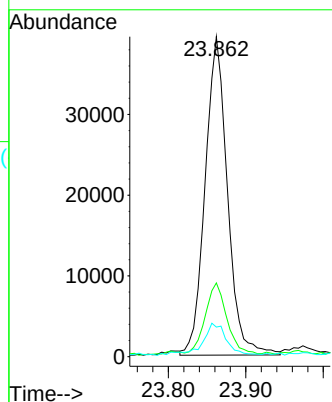
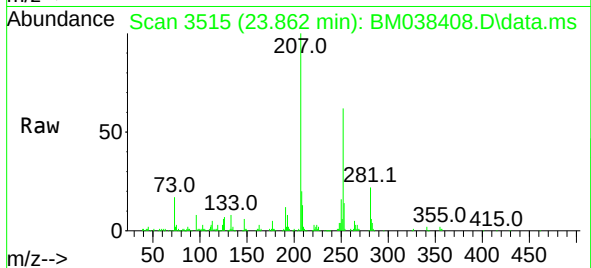
MDL-WATER-QT3-2022-05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 79128 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 23.1  | 17.7  | 26.5  |
| 125       | 9.3   | 7.4   | 11.0  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023  
Supervised By :Yogesh Patel 01/11/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.049 ng/ul

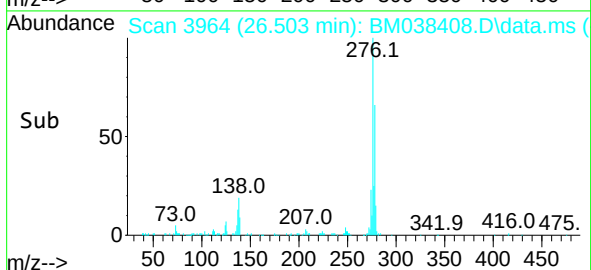
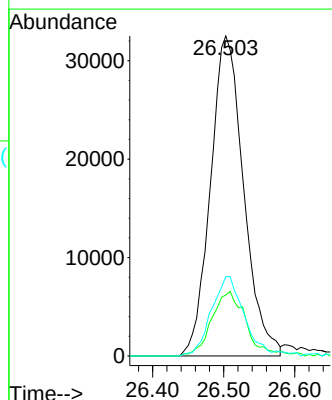
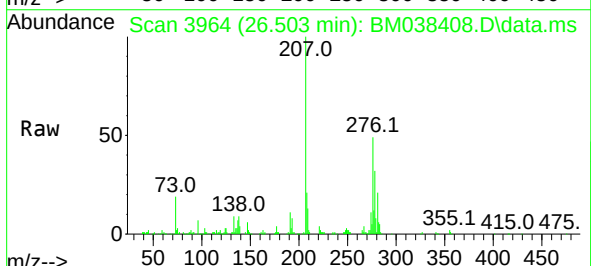
RT: 26.503 min Scan# 3964

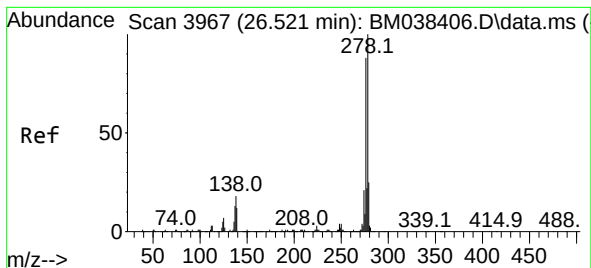
Delta R.T. -0.012 min

Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 105506 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 19.1  | 15.7  | 23.5   |
| 277       | 24.8  | 20.2  | 30.4   |





#95

Dibenzo(a,h)anthracene

Concen: 3.921 ng/ul

RT: 26.515 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM038408.D

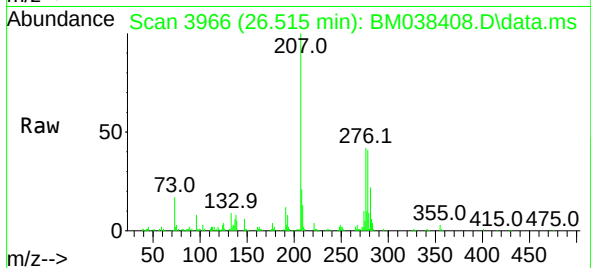
Acq: 09 Jan 2023 10:39

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-QT3-2022-05



Tgt Ion:278 Resp: 8524

Ion Ratio Lower Upper

278 100

139 12.4 10.0 15.0

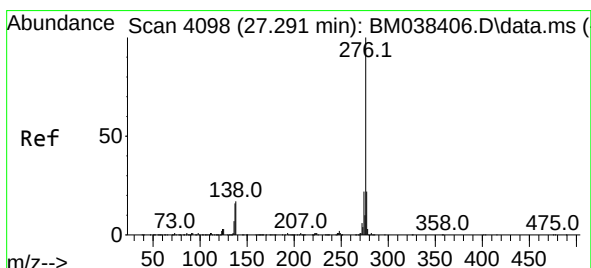
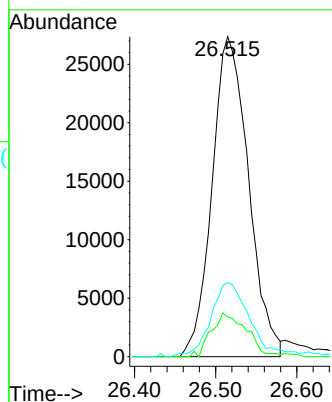
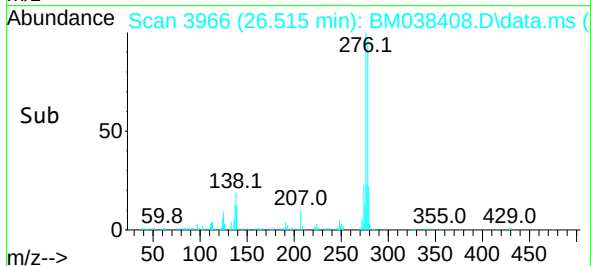
279 23.1 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023

Supervised By :Yogesh Patel 01/11/2023



#96

Benzo(g,h,i)perylene

Concen: 4.229 ng/ul

RT: 27.279 min Scan# 4096

Delta R.T. -0.018 min

Lab File: BM038408.D

Acq: 09 Jan 2023 10:39

Tgt Ion:276 Resp: 90211

Ion Ratio Lower Upper

276 100

138 18.6 13.8 20.6

277 25.3 18.6 28.0

