

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032425\  
 Data File : BM049748.D  
 Acq On : 24 Mar 2025 13:00  
 Operator : RC/JU  
 Sample : Q1546-02  
 Misc : MDL-WATER 4 ppm  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-QT1-2025-02

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/25/2025

Quant Time: Mar 24 14:01:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM032125.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 21 16:26:37 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.804  | 152  | 331995   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.598 | 136  | 1241414  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.445 | 164  | 866900   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 1784210  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.421 | 240  | 1463135  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.438 | 264  | 1231698  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.251  | 96   | 33662    | 3.940  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.663  | 84   | 597420   | 23.922 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.975  | 99   | 654882   | 26.259 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 446846   | 27.523 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.339  | 132  | 528607   | 27.792 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.510  | 113  | 478299   | 26.054 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.957  | 128  | 247925   | 27.102 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.680  | 143  | 259088   | 27.981 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.222 | 165  | 540096   | 25.746 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.733 | 131  | 708408   | 26.695 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.851 | 166  | 1701798  | 28.002 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.133 | 160  | 2000598  | 27.131 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.639 | 143  | 246945   | 23.860 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.433 | 176  | 1537607  | 28.113 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 200  | 212241   | 20.837 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.280 | 188  | 2300003  | 25.745 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.574 | 212  | 2661929  | 31.909 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.232 | 264  | 1852726  | 28.409 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.287  | 88   | 12403    | 1.384  | ng/uL  | 97       |
| 5) Pyridine                   | 3.687  | 79   | 109952   | 4.390  | ng/u1# | 82       |
| 6) Benzaldehyde               | 6.945  | 77   | 74925    | 5.435  | ng/u1  | 96       |
| 8) Phenol                     | 6.998  | 94   | 117845   | 4.535  | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.228  | 93   | 100643   | 4.763  | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.369  | 128  | 94594    | 4.705  | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.251  | 108  | 72593    | 4.016  | ng/u1  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 128382   | 4.933  | ng/u1  | 99       |
| 16) Acetophenone              | 8.622  | 105  | 150041   | 4.894  | ng/u1  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.610  | 70   | 73323    | 4.972  | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.575  | 108  | 86020    | 4.395  | ng/u1  | 97       |
| 19) Hexachloroethane          | 8.886  | 117  | 43070    | 4.762  | ng/u1  | 94       |
| 22) Nitrobenzene              | 8.998  | 77   | 111484   | 4.667  | ng/u1  | 99       |
| 23) Isophorone                | 9.527  | 82   | 184378   | 4.527  | ng/u1  | 98       |
| 25) 2-Nitrophenol             | 9.710  | 139  | 49131    | 4.629  | ng/u1  | 96       |
| 26) 2,4-Dimethylphenol        | 9.775  | 107  | 42067    | 2.118  | ng/u1  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.010 | 93   | 127995   | 4.795  | ng/u1  | 99       |
| 29) 2,4-Dichlorophenol        | 10.245 | 162  | 98898    | 4.655  | ng/u1  | 96       |
| 30) Naphthalene               | 10.651 | 128  | 293229   | 4.554  | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.751 | 127  | 117261   | 4.574  | ng/u1  | 96       |
| 33) Hexachlorobutadiene       | 10.939 | 225  | 73574    | 4.447  | ng/u1  | 97       |
| 34) Caprolactam               | 11.539 | 113  | 24671m   | 4.650  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.886 | 107  | 73550    | 4.353  | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.263 | 142  | 205031   | 4.588  | ng/u1  | 97       |

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 Sample : Q1546-02  
 Misc : MDL-WATER 4 ppm  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-QT1-2025-02

Quant Time: Mar 24 14:01:51 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM032125.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 21 16:26:37 2025  
 Response via : Initial Calibration

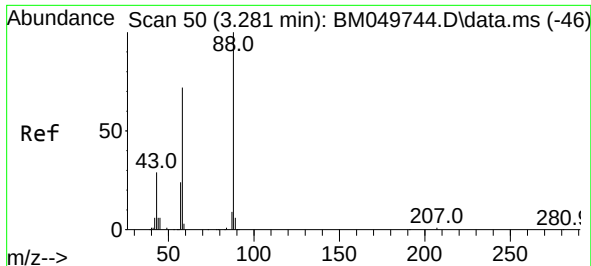
Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/25/2025

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.480 | 142  | 191140   | 4.336 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.633 | 216  | 133303   | 4.010 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 12.616 | 237  | 66348    | 3.377 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.874 | 196  | 67418    | 3.838 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 12.945 | 196  | 73808    | 3.889 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.274 | 154  | 288237   | 4.389 | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.315 | 162  | 233269   | 4.382 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.515 | 65   | 45646    | 4.017 | ng/ul  | 95       |
| 47) Dimethylphthalate         | 13.898 | 163  | 284318   | 4.716 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.010 | 165  | 41535    | 3.952 | ng/ul# | 84       |
| 50) Acenaphthylene            | 14.162 | 152  | 336777   | 4.472 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.339 | 138  | 37992    | 3.497 | ng/ul  | 96       |
| 52) Acenaphthene              | 14.504 | 153  | 240769   | 4.404 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.545 | 184  | 25091    | 4.036 | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.651 | 109  | 35750    | 4.351 | ng/ul  | 89       |
| 56) Dibenzofuran              | 14.839 | 168  | 354675   | 4.610 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.798 | 165  | 66987    | 4.364 | ng/ul  | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.068 | 232  | 58414    | 4.003 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.262 | 149  | 260282   | 4.635 | ng/ul  | 99       |
| 61) Fluorene                  | 15.492 | 166  | 286868   | 4.424 | ng/ul  | 97       |
| 62) 4-Chlorophenyl-phenyle... | 15.486 | 204  | 152340   | 4.309 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.498 | 138  | 35399    | 3.462 | ng/ul# | 91       |
| 66) 4,6-Dinitro-2-methylph... | 15.562 | 198  | 50569    | 4.402 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine    | 15.698 | 169  | 224922   | 4.192 | ng/ul  | 98       |
| 68) 4-Bromophenyl-phenylether | 16.380 | 248  | 84309    | 4.095 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.492 | 284  | 101125   | 4.259 | ng/ul  | 97       |
| 70) Atrazine                  | 16.645 | 200  | 85195    | 4.323 | ng/ul  | 100      |
| 71) Pentachlorophenol         | 16.839 | 266  | 55270    | 3.826 | ng/ul  | 95       |
| 72) Phenanthrene              | 17.227 | 178  | 426438   | 4.192 | ng/ul  | 99       |
| 74) Anthracene                | 17.315 | 178  | 411527   | 4.032 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.239 | 216  | 122395   | 3.637 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.762 | 250  | 119457   | 3.761 | ng/uL  | 99       |
| 77) Carbazole                 | 17.586 | 167  | 348858   | 3.842 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.156 | 149  | 376813   | 4.019 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.239 | 202  | 454151   | 4.727 | ng/ul  | 100      |
| 82) Pyrene                    | 19.603 | 202  | 507406   | 4.873 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.503 | 149  | 122438   | 4.073 | ng/ul  | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.327 | 252  | 87621    | 2.962 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.403 | 228  | 442350   | 4.397 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.338 | 149  | 174977   | 3.700 | ng/ul  | 99       |
| 87) Chrysene                  | 21.468 | 228  | 397738   | 4.244 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.480 | 149  | 224636   | 3.225 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.480 | 252  | 352723   | 4.408 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.544 | 252  | 355884   | 4.311 | ng/ul  | 97       |
| 93) Benzo(a)pyrene            | 24.291 | 252  | 319861   | 4.313 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.815 | 276  | 346202m  | 3.739 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 27.879 | 278  | 274103   | 3.638 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 28.879 | 276  | 270534   | 3.806 | ng/ul  | 99       |

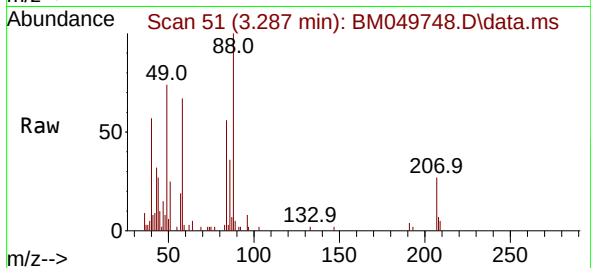
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 1.384 ng/uL  
RT: 3.287 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

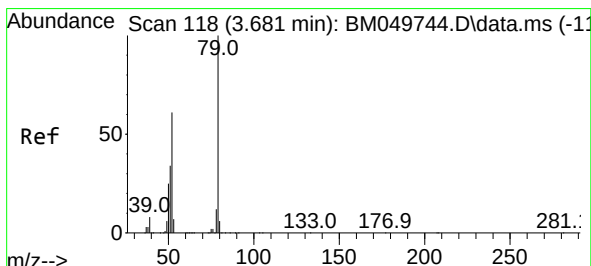
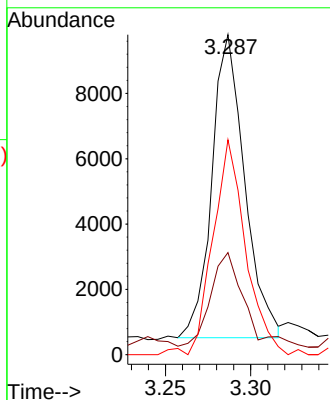
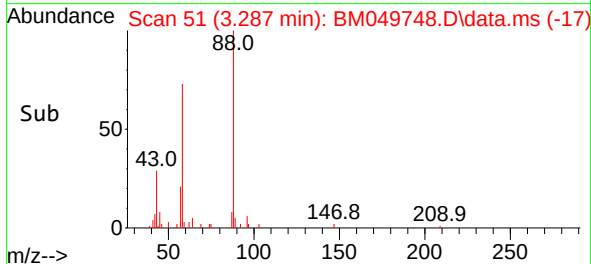
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



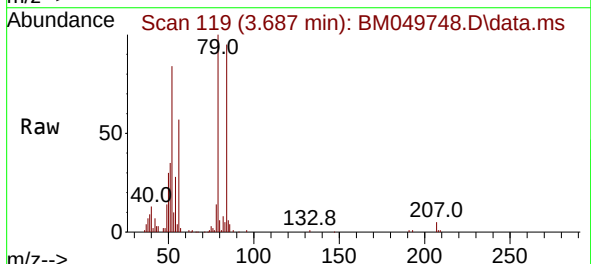
Tgt Ion: 88 Resp: 1240  
Ion Ratio Lower Upper  
88 100  
43 31.9 22.5 33.7  
58 67.1 54.6 82.0

Manual Integrations  
APPROVED

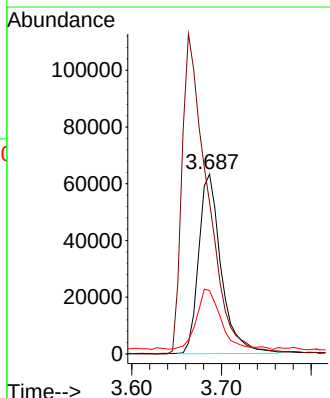
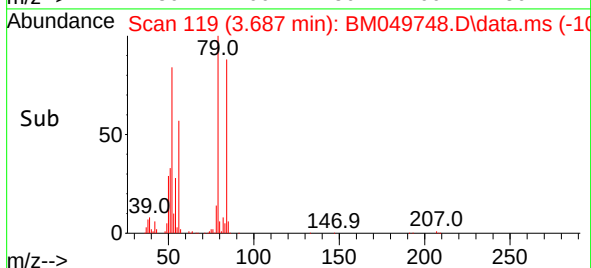
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

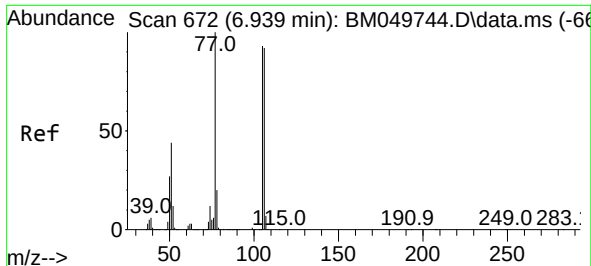


#5  
Pyridine  
Concen: 4.390 ng/uL  
RT: 3.687 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



Tgt Ion: 79 Resp: 109952  
Ion Ratio Lower Upper  
79 100  
52 84.3 51.8 77.6#  
51 35.2 26.3 39.5





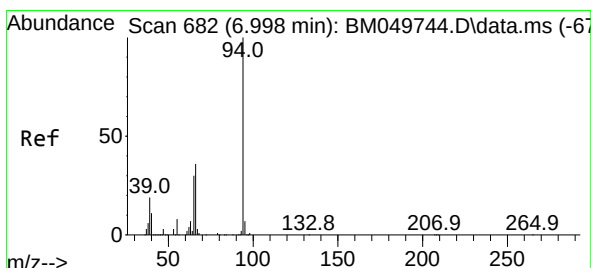
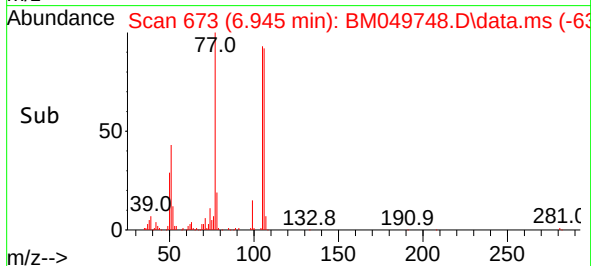
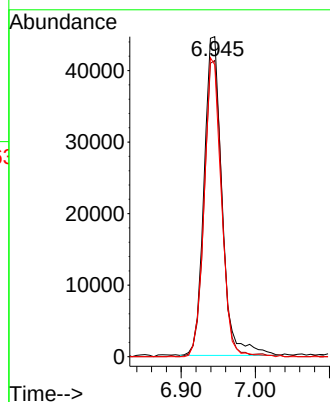
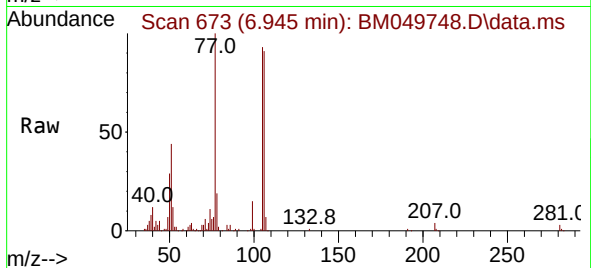
#6  
Benzaldehyde  
Concen: 5.435 ng/ul  
RT: 6.945 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02

Tgt Ion: 77 Resp: 74925  
Ion Ratio Lower Upper  
77 100  
105 92.6 76.2 114.2  
106 91.2 76.5 114.7

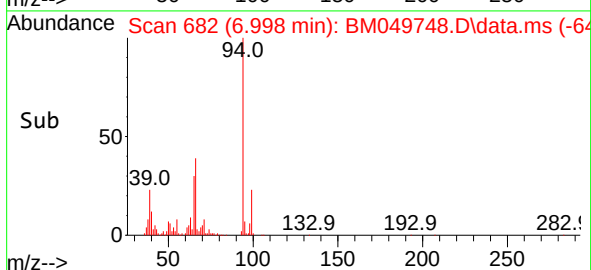
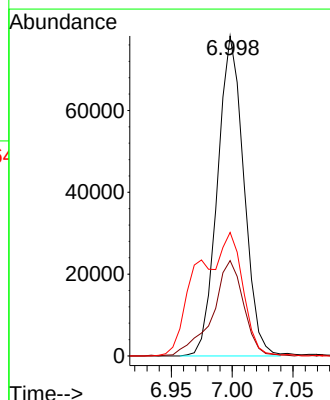
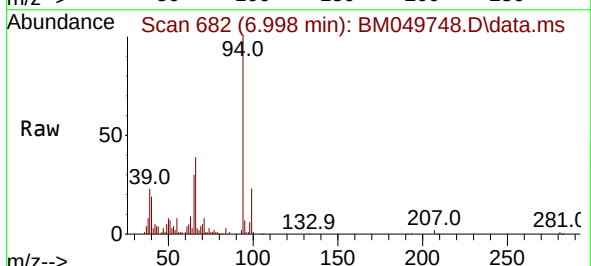
Manual Integrations  
APPROVED

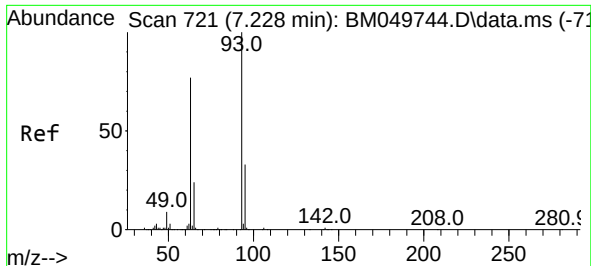
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#8  
Phenol  
Concen: 4.535 ng/ul  
RT: 6.998 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

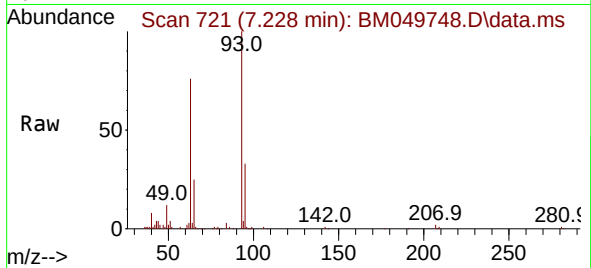
Tgt Ion: 94 Resp: 117845  
Ion Ratio Lower Upper  
94 100  
65 29.8 23.3 34.9  
66 38.6 28.6 43.0





#10  
Bis(2-Chloroethyl)ether  
Concen: 4.763 ng/ul  
RT: 7.228 min Scan# 721  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

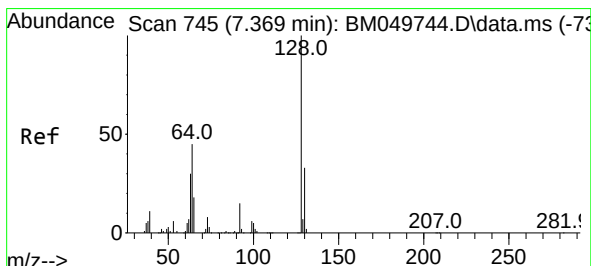
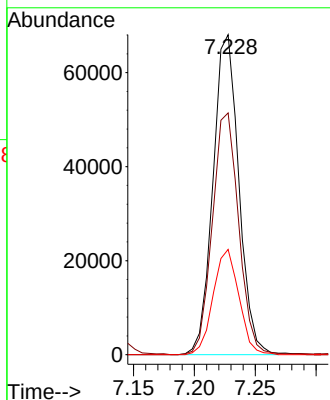
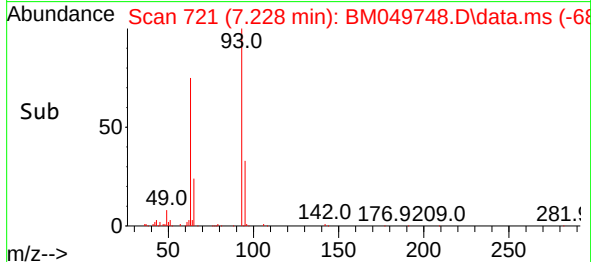
Instrument :  
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ClientSampleId :  
MDL-WATER-QT1-2025-02



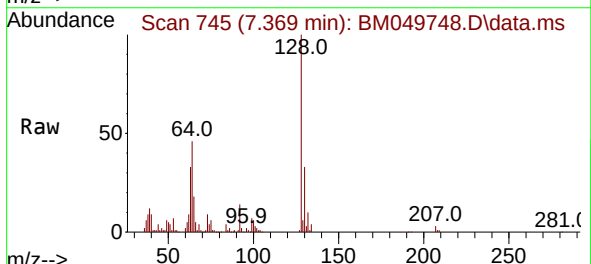
Tgt Ion: 93 Resp: 10064  
Ion Ratio Lower Upper  
93 100  
63 75.6 62.0 93.0  
95 32.9 26.5 39.7

Manual Integrations  
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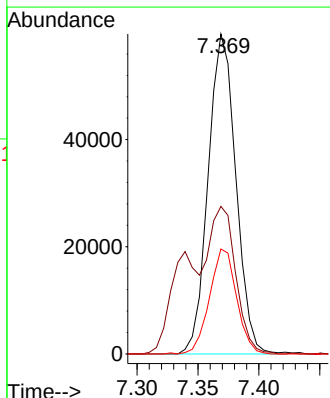
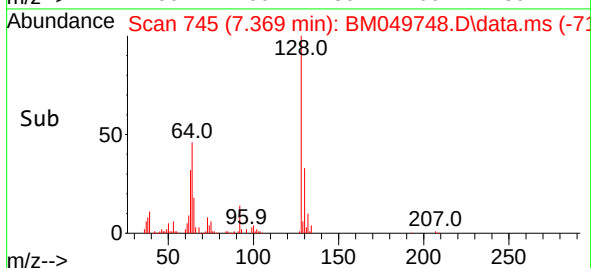
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

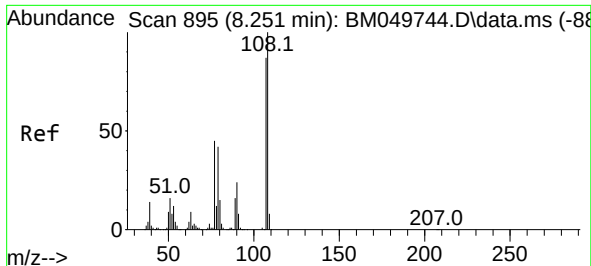


#12  
2-Chlorophenol  
Concen: 4.705 ng/ul  
RT: 7.369 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



Tgt Ion:128 Resp: 94594  
Ion Ratio Lower Upper  
128 100  
64 46.1 36.9 55.3  
130 32.8 25.5 38.3





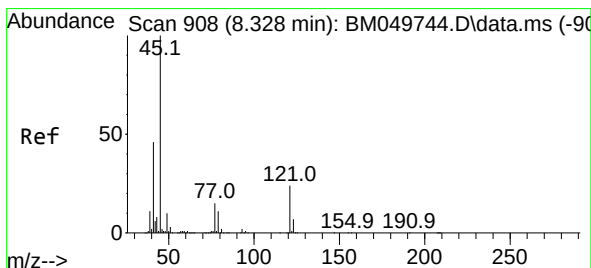
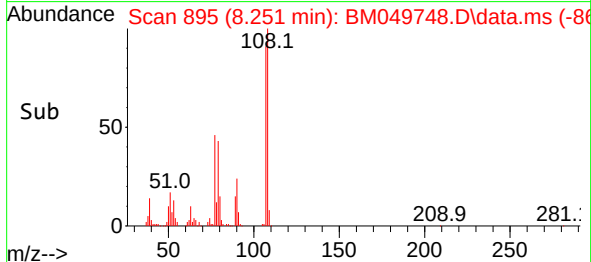
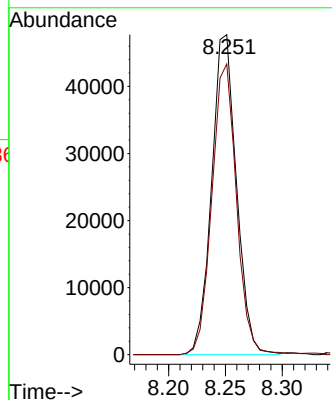
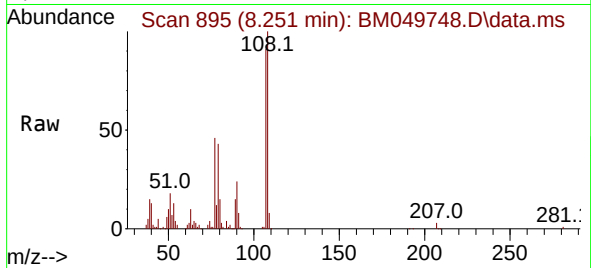
#13  
2-Methylphenol  
Concen: 4.016 ng/ul  
RT: 8.251 min Scan# 895  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02

Tgt Ion:108 Resp: 7259  
Ion Ratio Lower Upper  
108 100  
107 90.9 69.0 103.4

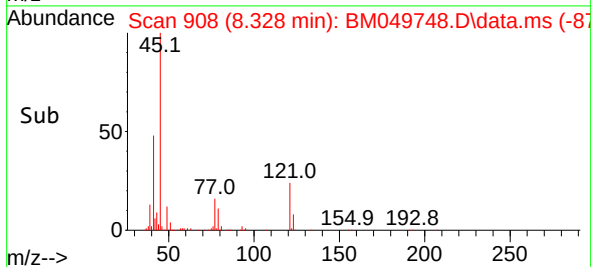
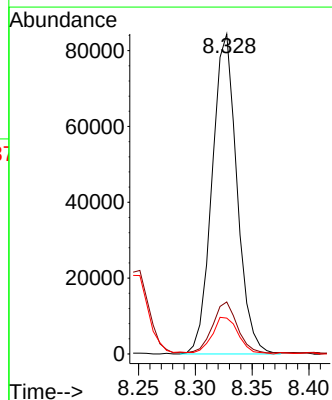
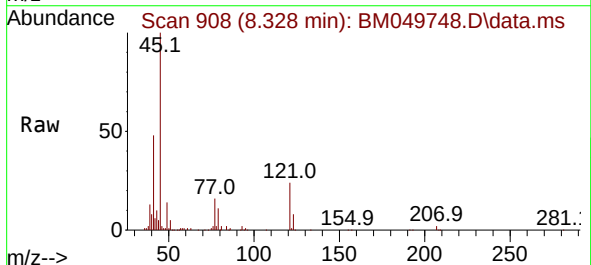
Manual Integrations  
APPROVED

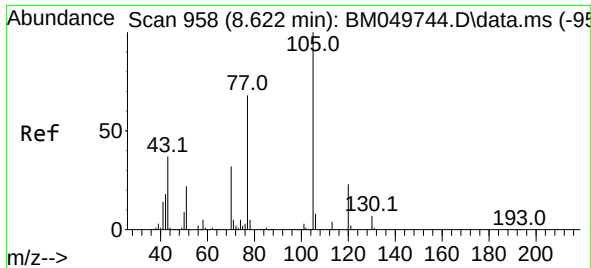
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.933 ng/ul  
RT: 8.328 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

Tgt Ion: 45 Resp: 128382  
Ion Ratio Lower Upper  
45 100  
77 16.3 13.1 19.7  
79 11.2 9.4 14.0





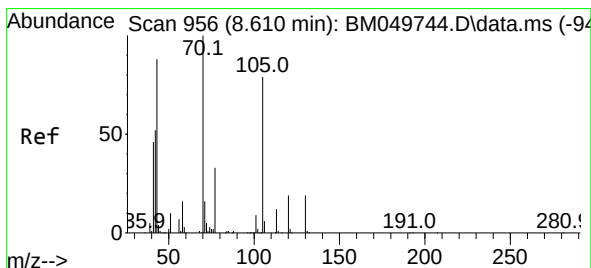
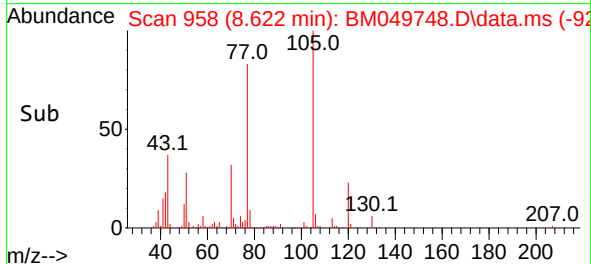
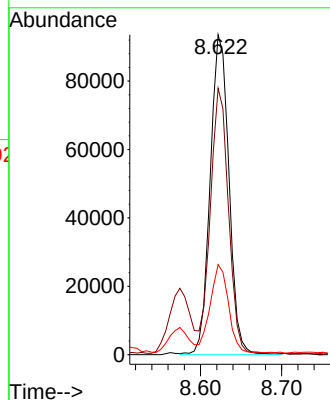
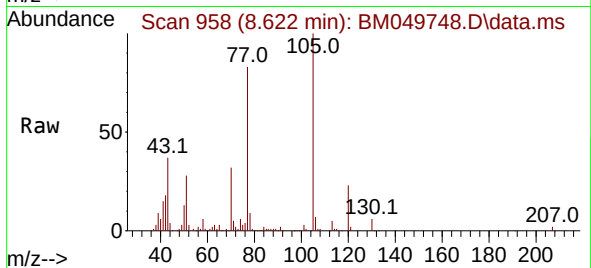
#16  
Acetophenone  
Concen: 4.894 ng/ul  
RT: 8.622 min Scan# 958  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02

Tgt Ion: 105 Resp: 15004  
Ion Ratio Lower Upper  
105 100  
77 83.3 64.5 96.7  
51 28.2 20.3 30.5

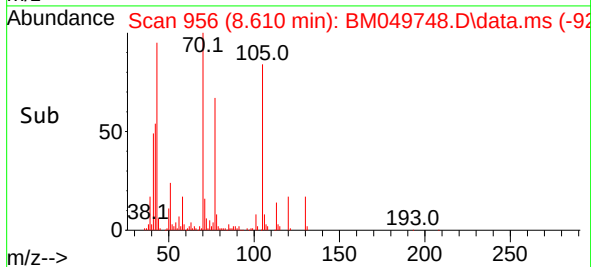
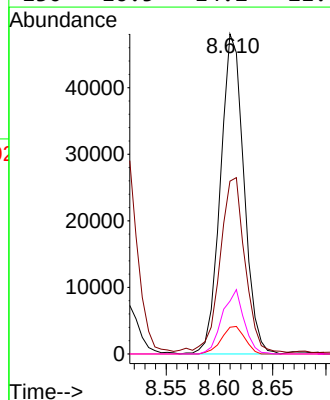
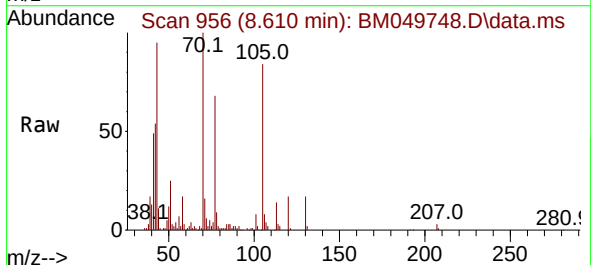
Manual Integrations  
APPROVED

Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

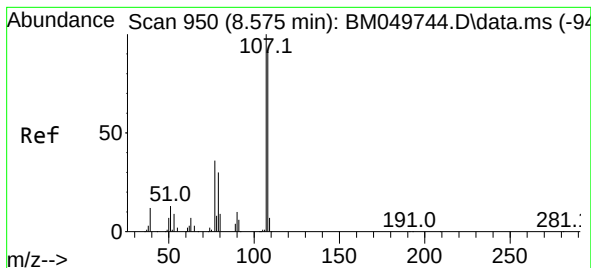


#17  
N-Nitroso-di-n-propylamine  
Concen: 4.972 ng/ul  
RT: 8.610 min Scan# 956  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

Tgt Ion: 70 Resp: 73323  
Ion Ratio Lower Upper  
70 100  
42 54.0 43.6 65.4  
101 8.3 6.9 10.3  
130 16.5 14.2 21.4

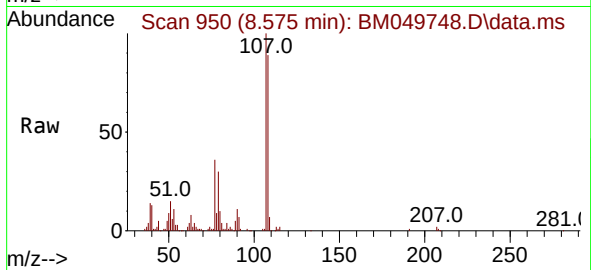






#18  
4-Methylphenol  
Concen: 4.395 ng/ul  
RT: 8.575 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

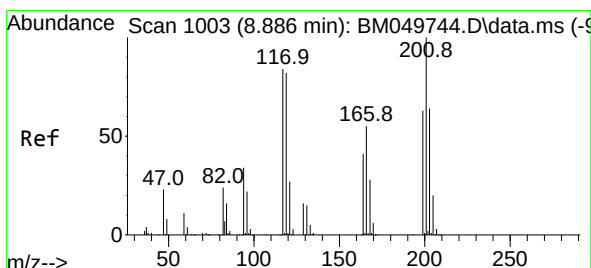
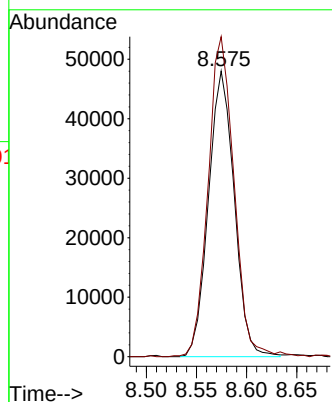
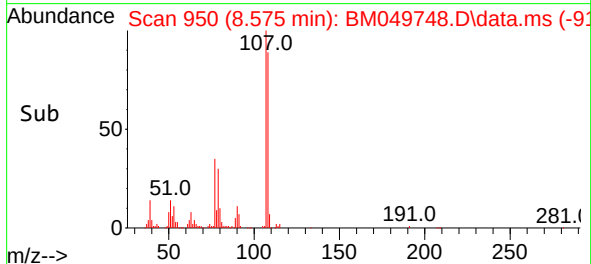
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:108 Resp: 86020  
Ion Ratio Lower Upper  
108 100  
107 112.0 91.9 137.9

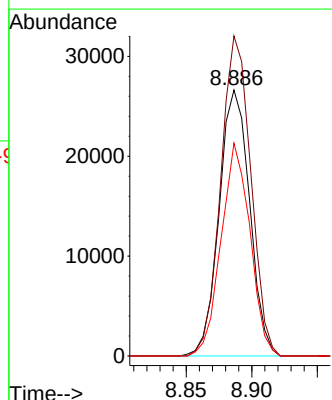
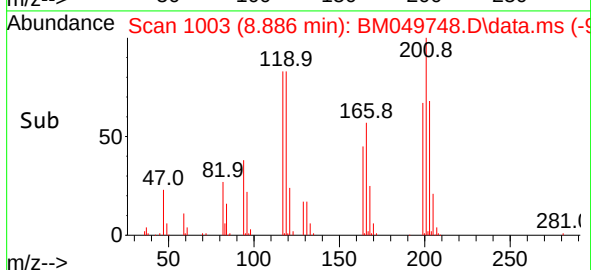
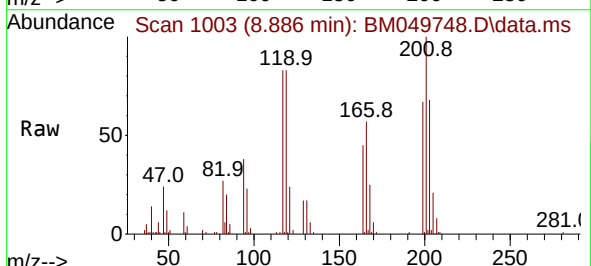
Manual Integrations  
APPROVED

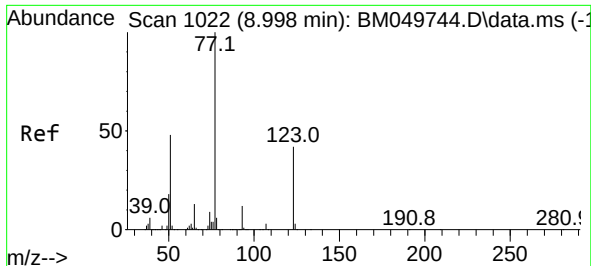
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#19  
Hexachloroethane  
Concen: 4.762 ng/ul  
RT: 8.886 min Scan# 1003  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

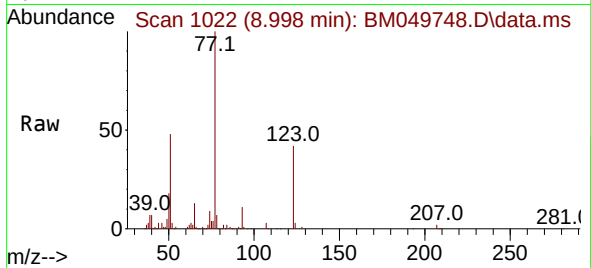
Tgt Ion:117 Resp: 43070  
Ion Ratio Lower Upper  
117 100  
201 120.3 92.8 139.2  
199 80.1 57.8 86.8





#22  
Nitrobenzene  
Concen: 4.667 ng/ul  
RT: 8.998 min Scan# 1022  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

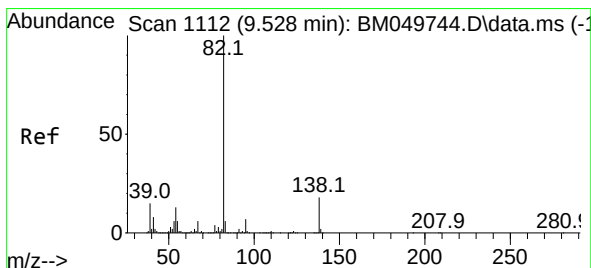
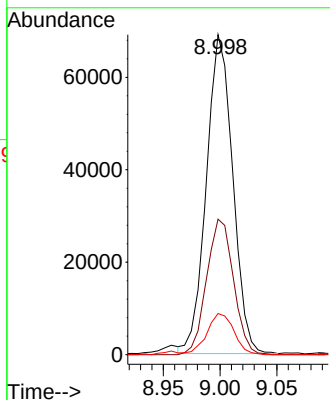
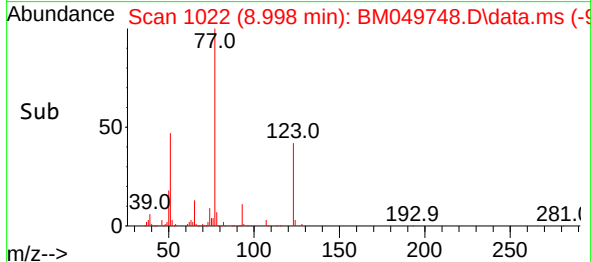
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



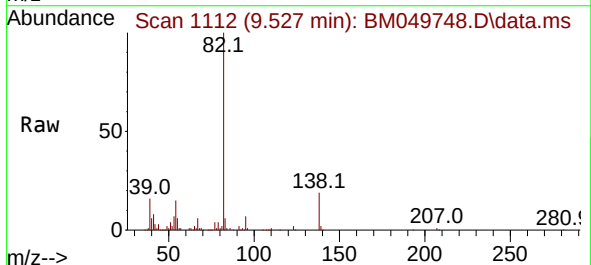
Tgt Ion: 77 Resp: 111484  
Ion Ratio Lower Upper  
77 100  
123 42.3 34.3 51.5  
65 12.8 10.5 15.7

Manual Integrations  
APPROVED

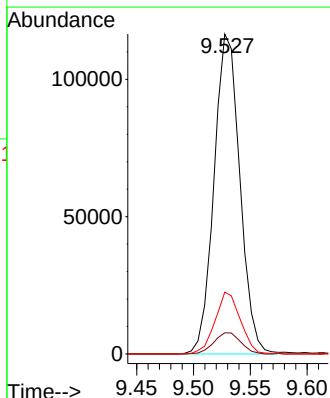
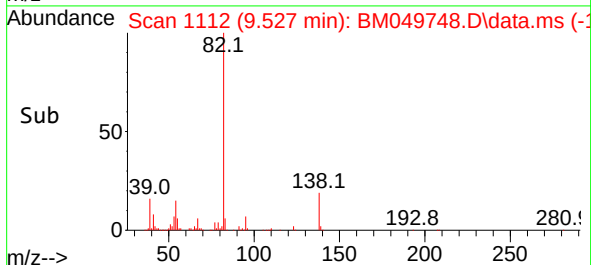
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

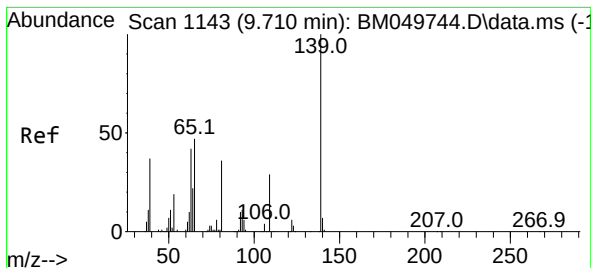


#23  
Isophorone  
Concen: 4.527 ng/ul  
RT: 9.527 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



Tgt Ion: 82 Resp: 184378  
Ion Ratio Lower Upper  
82 100  
95 6.6 5.4 8.0  
138 19.3 14.6 21.8





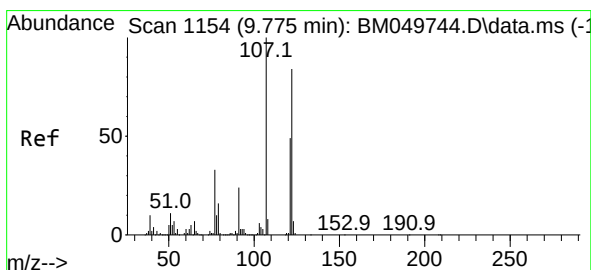
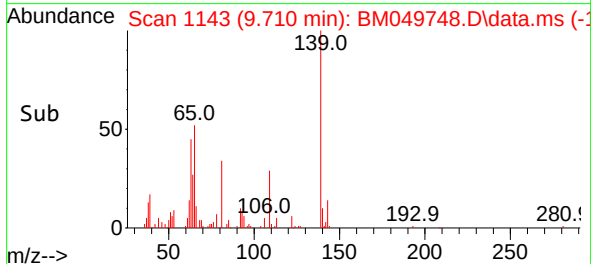
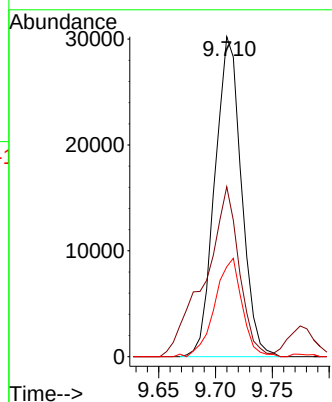
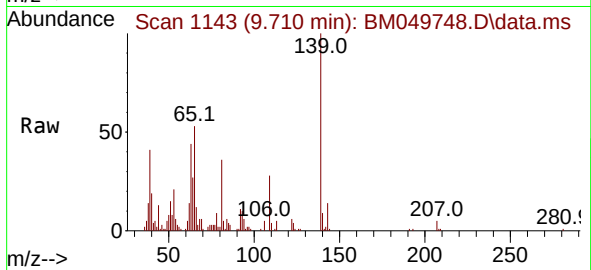
#25  
2-Nitrophenol  
Concen: 4.629 ng/ul  
RT: 9.710 min Scan# 1143  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT1-2025-02

Tgt Ion:139 Resp: 4913  
Ion Ratio Lower Upper  
139 100  
65 53.1 39.1 58.7  
109 28.1 23.1 34.7

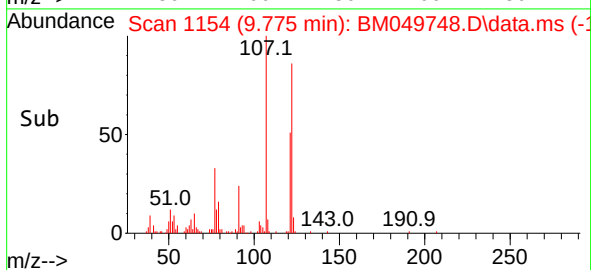
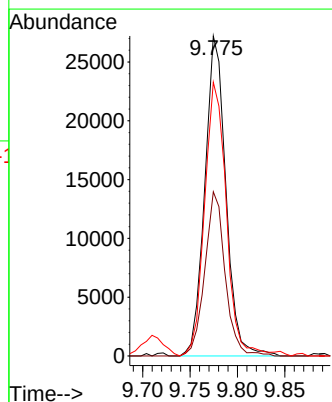
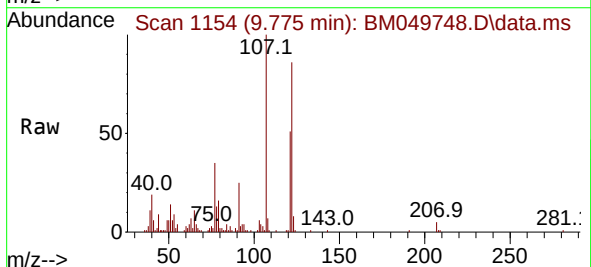
Manual Integrations  
APPROVED

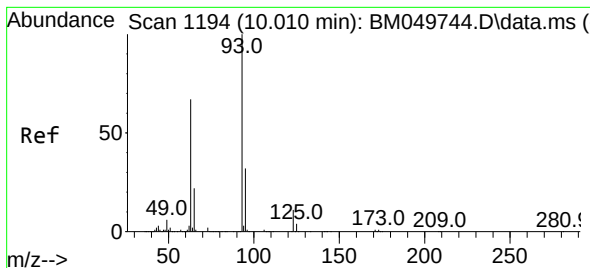
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#26  
2,4-Dimethylphenol  
Concen: 2.118 ng/ul  
RT: 9.775 min Scan# 1154  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

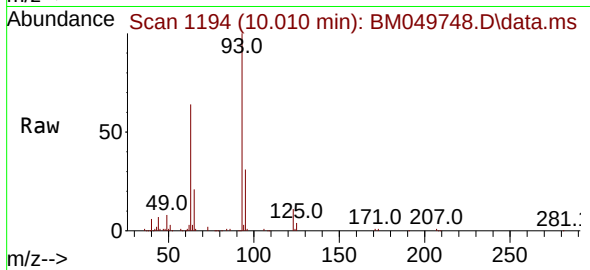
Tgt Ion:107 Resp: 42067  
Ion Ratio Lower Upper  
107 100  
121 51.3 37.9 56.9  
122 85.6 66.5 99.7





#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 4.795 ng/ul  
 RT: 10.010 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: BM049748.D  
 Acq: 24 Mar 2025 13:00

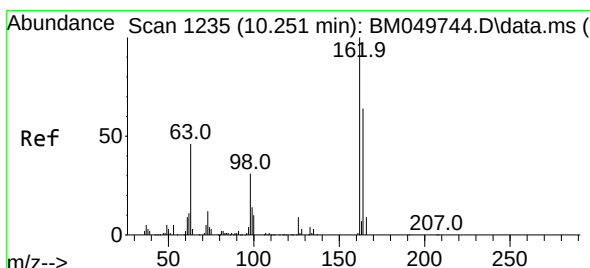
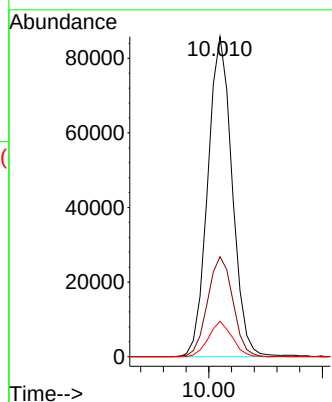
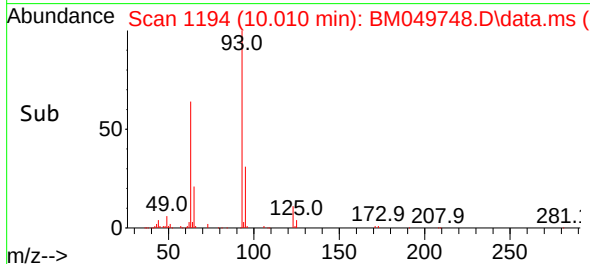
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-QT1-2025-02



Tgt Ion: 93 Resp: 127995  
 Ion Ratio Lower Upper  
 93 100  
 95 31.3 25.8 38.8  
 123 11.1 8.8 13.2

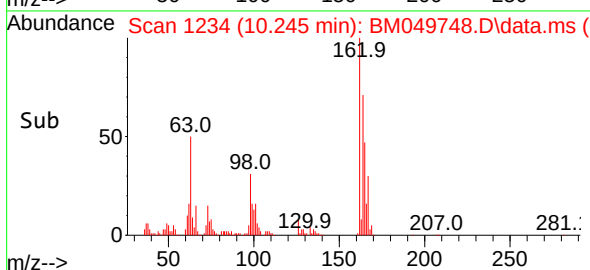
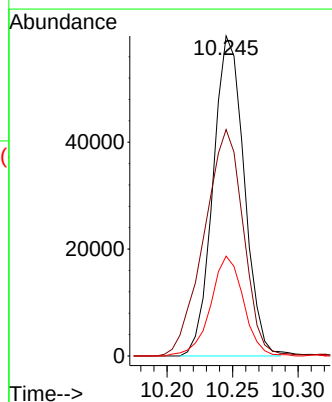
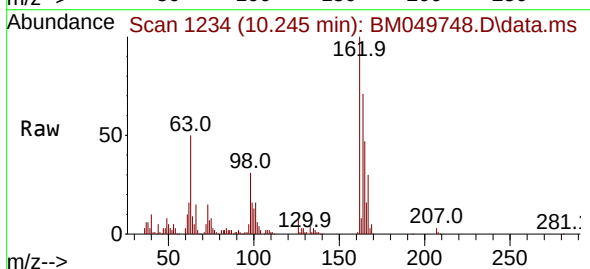
Manual Integrations  
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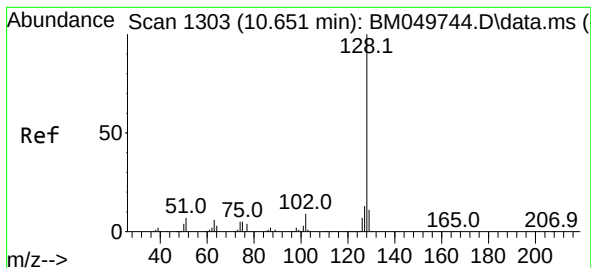
Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/25/2025



#29  
 2,4-Dichlorophenol  
 Concen: 4.655 ng/ul  
 RT: 10.245 min Scan# 1234  
 Delta R.T. -0.006 min  
 Lab File: BM049748.D  
 Acq: 24 Mar 2025 13:00

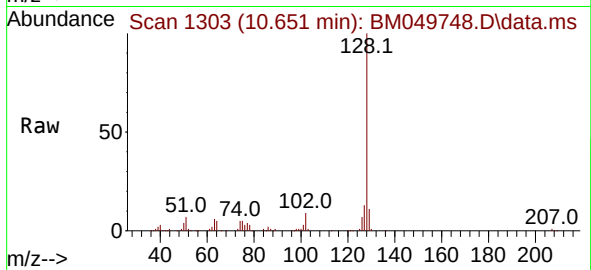
Tgt Ion:162 Resp: 98898  
 Ion Ratio Lower Upper  
 162 100  
 164 70.7 53.2 79.8  
 98 31.2 25.0 37.6





#30  
Naphthalene  
Concen: 4.554 ng/ul  
RT: 10.651 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

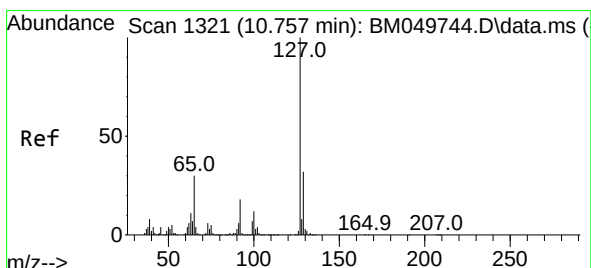
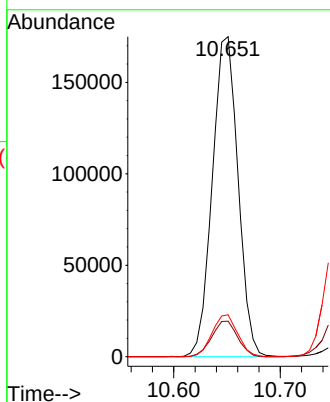
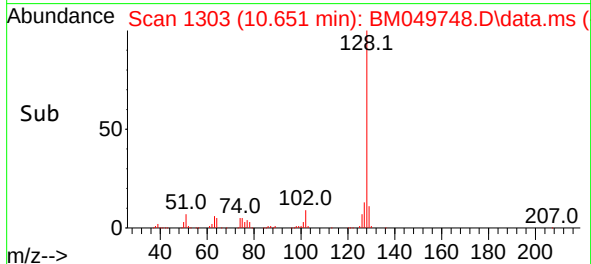
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:128 Resp: 293229  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.6 13.0  
127 13.1 10.2 15.4

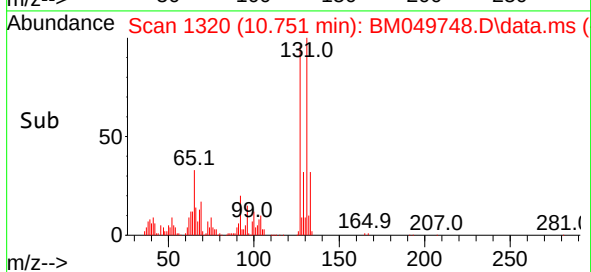
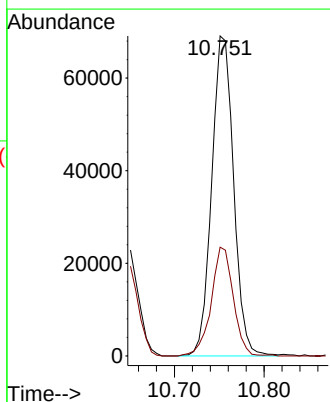
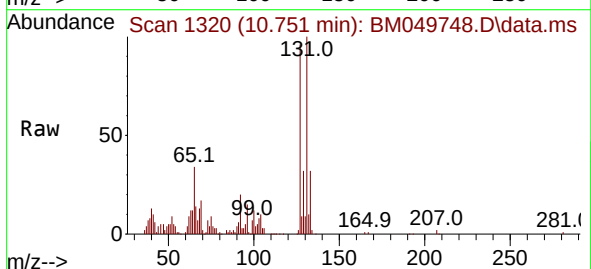
Manual Integrations  
APPROVED

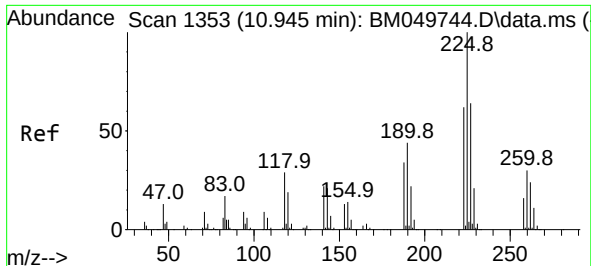
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#32  
4-Chloroaniline  
Concen: 4.574 ng/ul  
RT: 10.751 min Scan# 1320  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

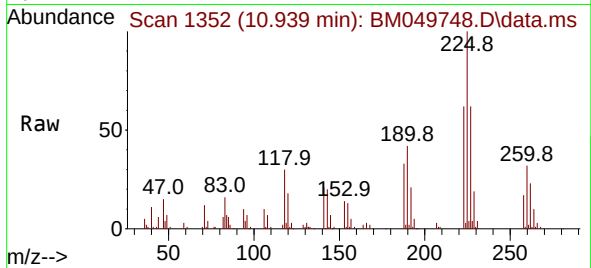
Tgt Ion:127 Resp: 117261  
Ion Ratio Lower Upper  
127 100  
129 34.0 25.4 38.0





#33  
Hexachlorobutadiene  
Concen: 4.447 ng/ul  
RT: 10.939 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

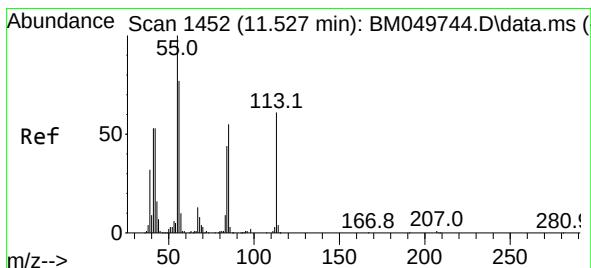
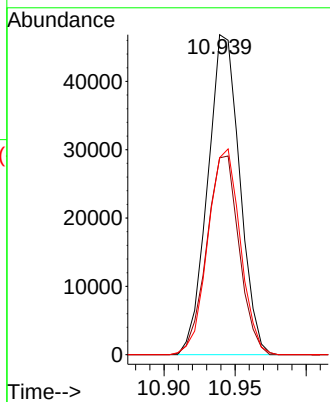
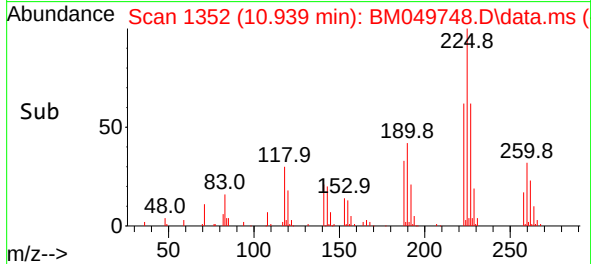
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



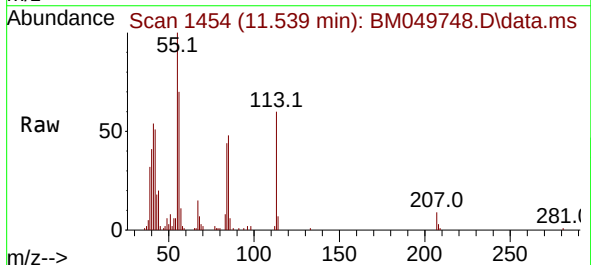
Tgt Ion:225 Resp: 73574  
Ion Ratio Lower Upper  
225 100  
223 61.5 50.3 75.5  
227 61.6 51.4 77.2

Manual Integrations  
APPROVED

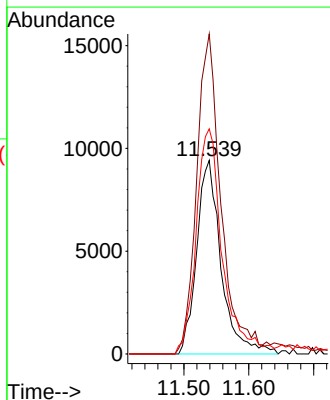
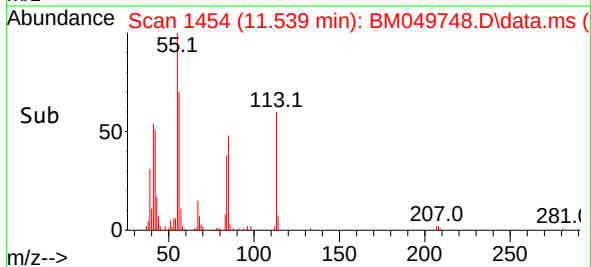
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

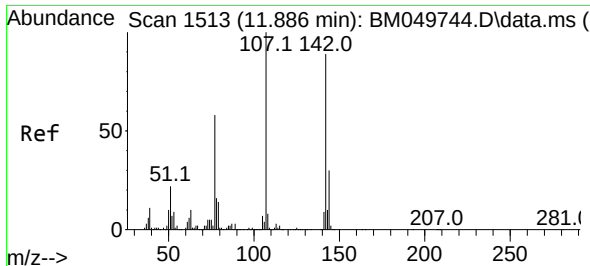


#34  
Caprolactam  
Concen: 4.650 ng/ul m  
RT: 11.539 min Scan# 1454  
Delta R.T. 0.018 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



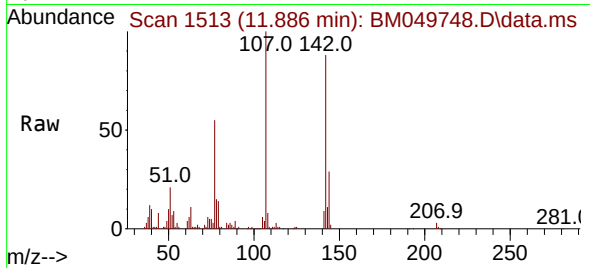
Tgt Ion:113 Resp: 24671  
Ion Ratio Lower Upper  
113 100  
55 165.3 136.1 204.1  
56 116.3 96.6 145.0





#35  
4-Chloro-3-methylphenol  
Concen: 4.353 ng/ul  
RT: 11.886 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

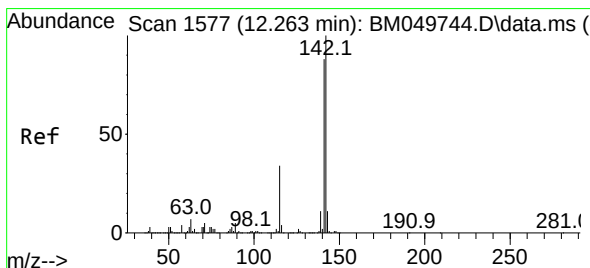
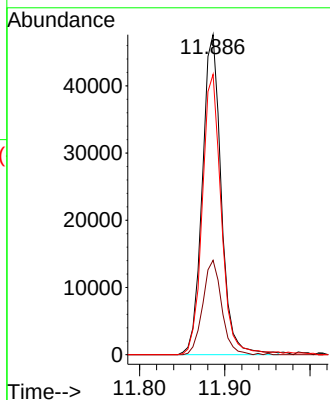
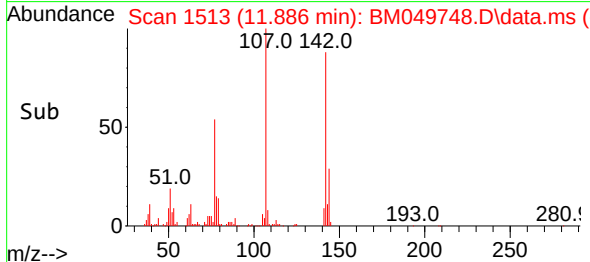
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:107 Resp: 73550  
Ion Ratio Lower Upper  
107 100  
144 29.5 23.3 34.9  
142 87.6 71.0 106.4

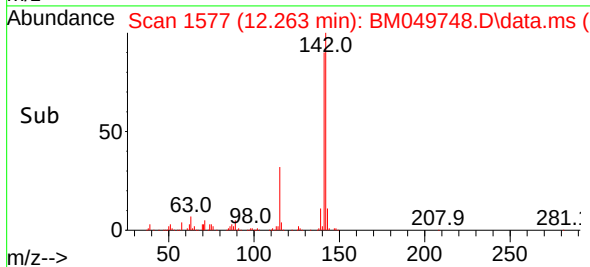
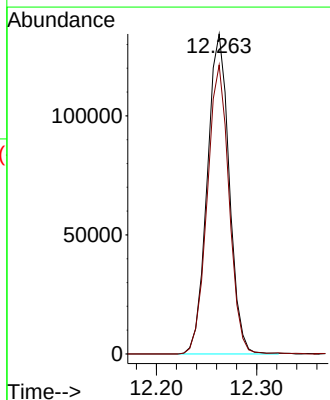
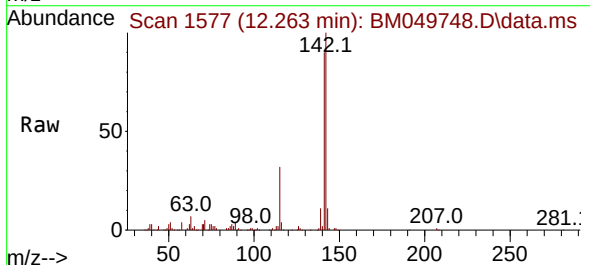
Manual Integrations  
APPROVED

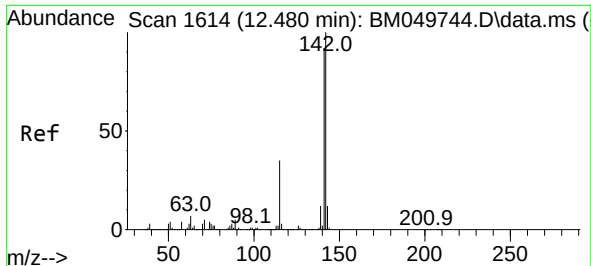
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#36  
2-Methylnaphthalene  
Concen: 4.588 ng/ul  
RT: 12.263 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

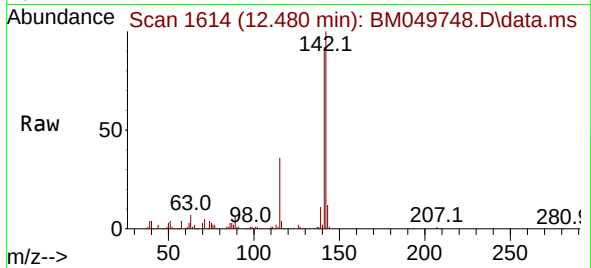
Tgt Ion:142 Resp: 205031  
Ion Ratio Lower Upper  
142 100  
141 90.3 70.2 105.2





#37  
1-Methylnaphthalene  
Concen: 4.336 ng/ul  
RT: 12.480 min Scan# 1614  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

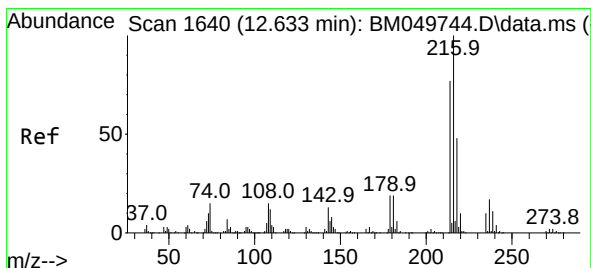
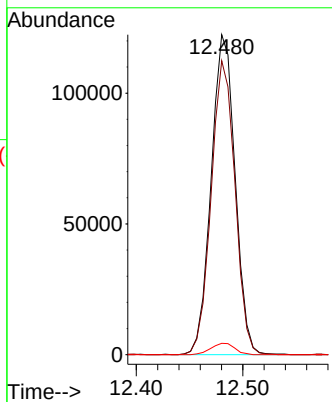
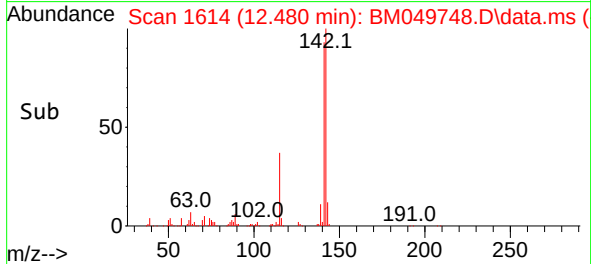
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT1-2025-02



Tgt Ion:142 Resp: 191140  
Ion Ratio Lower Upper  
142 100  
141 91.8 74.0 111.0  
116 3.6 2.7 4.1

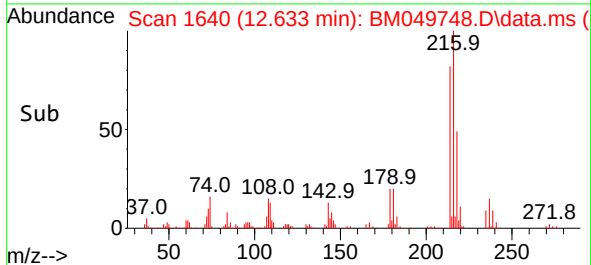
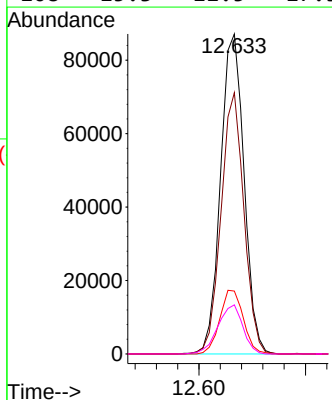
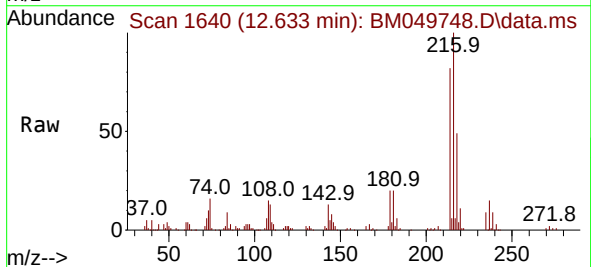
Manual Integrations  
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Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

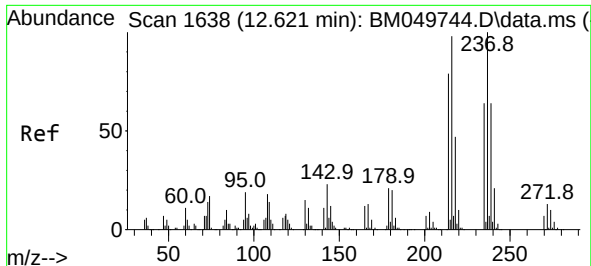


#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.010 ng/ul  
RT: 12.633 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

Tgt Ion:216 Resp: 133303  
Ion Ratio Lower Upper  
216 100  
214 81.6 61.8 92.8  
179 19.6 15.8 23.8  
108 15.3 11.5 17.3

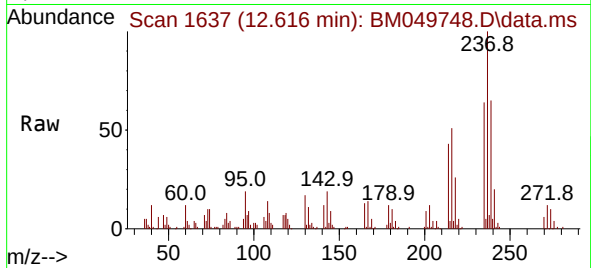






#40  
Hexachlorocyclopentadiene  
Concen: 3.377 ng/ul  
RT: 12.616 min Scan# 1637  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

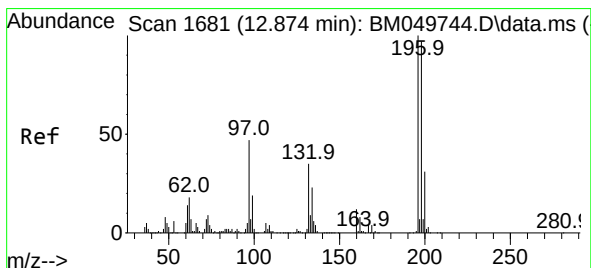
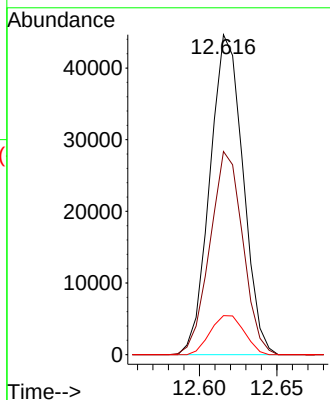
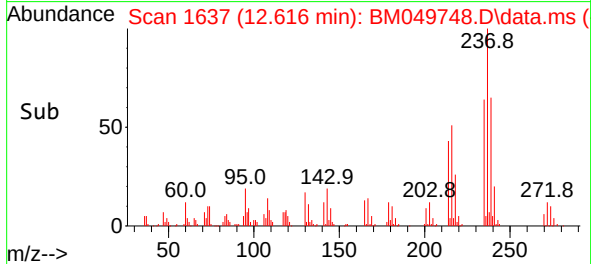
Instrument : BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



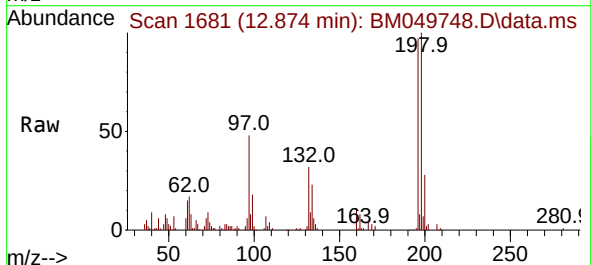
Tgt Ion:237 Resp: 66348  
Ion Ratio Lower Upper  
237 100  
235 63.5 48.2 72.4  
272 12.5 10.0 15.0

Manual Integrations  
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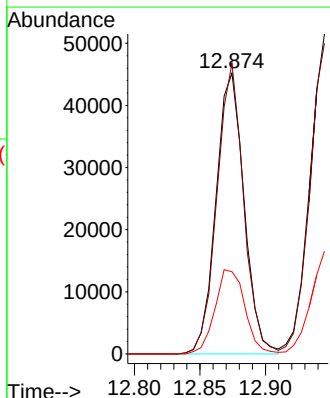
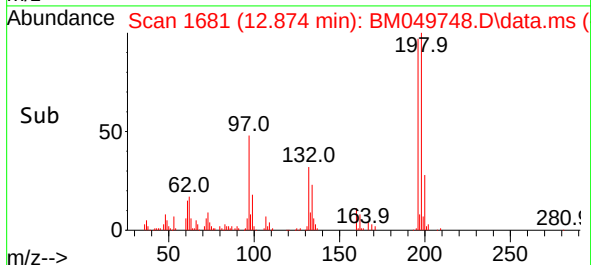
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

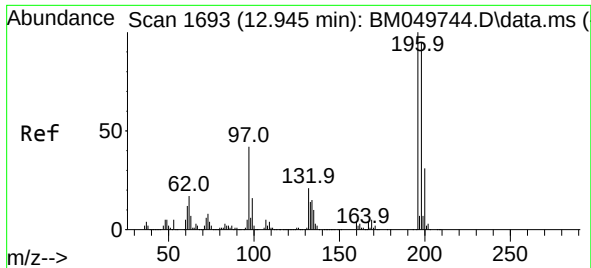


#41  
2,4,6-Trichlorophenol  
Concen: 3.838 ng/ul  
RT: 12.874 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



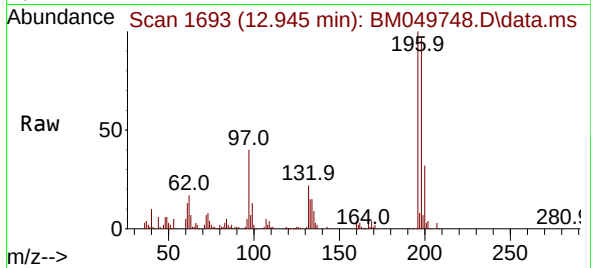
Tgt Ion:196 Resp: 67418  
Ion Ratio Lower Upper  
196 100  
198 103.5 78.5 117.7  
200 29.3 24.3 36.5





#42  
2,4,5-Trichlorophenol  
Concen: 3.889 ng/ul  
RT: 12.945 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

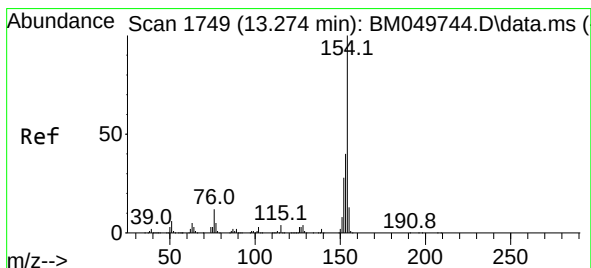
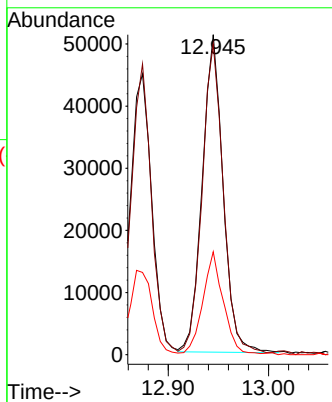
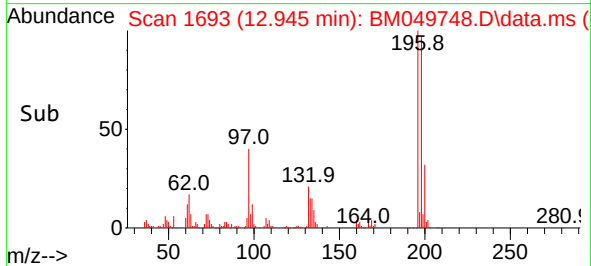
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT1-2025-02



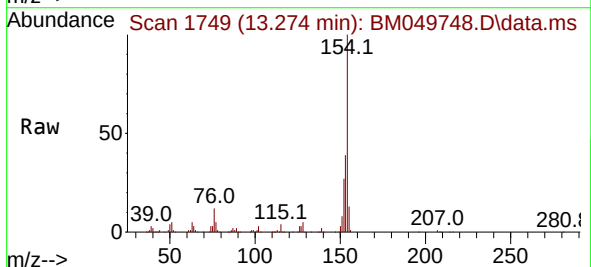
Tgt Ion:196 Resp: 73808  
Ion Ratio Lower Upper  
196 100  
198 97.1 77.0 115.4  
200 32.2 25.2 37.8

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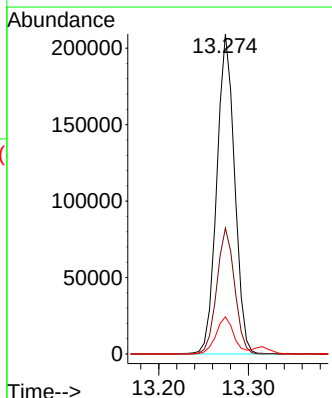
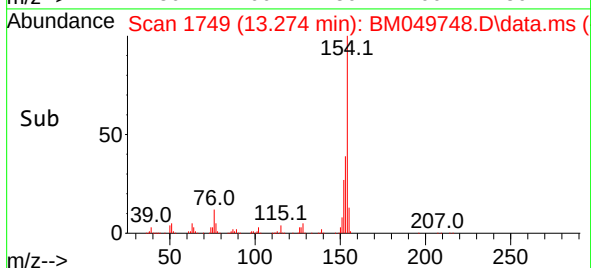
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

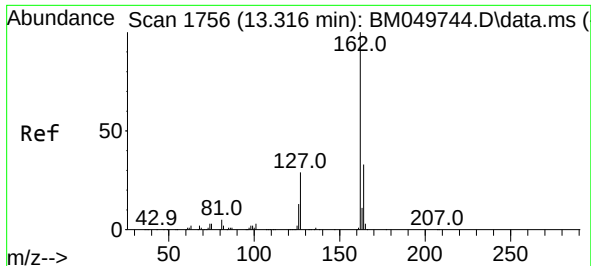


#43  
1,1'-Biphenyl  
Concen: 4.389 ng/ul  
RT: 13.274 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



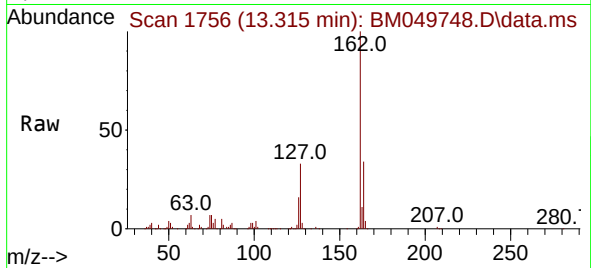
Tgt Ion:154 Resp: 288237  
Ion Ratio Lower Upper  
154 100  
153 39.4 31.4 47.2  
76 11.6 9.0 13.4





#44  
2-Chloronaphthalene  
Concen: 4.382 ng/ul  
RT: 13.315 min Scan# 1756  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

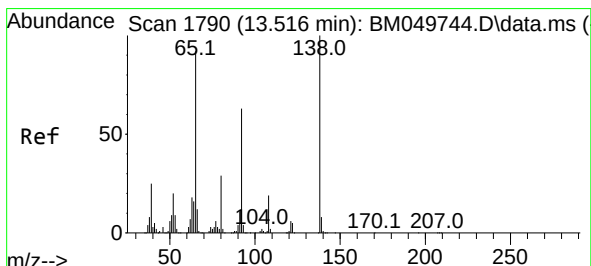
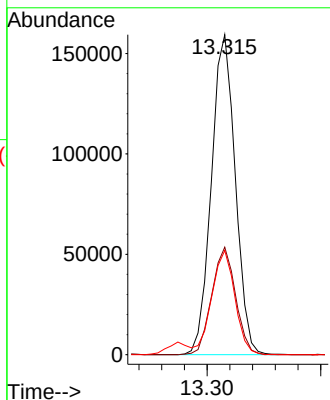
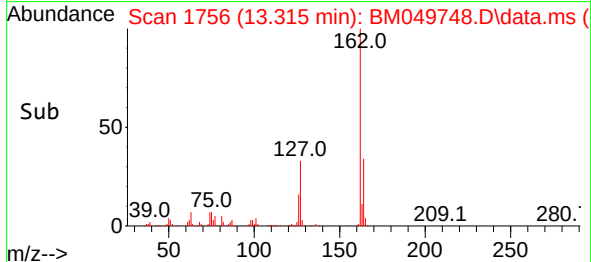
Instrument : BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:162 Resp: 233269  
Ion Ratio Lower Upper  
162 100  
164 33.6 25.5 38.3  
127 32.5 25.6 38.4

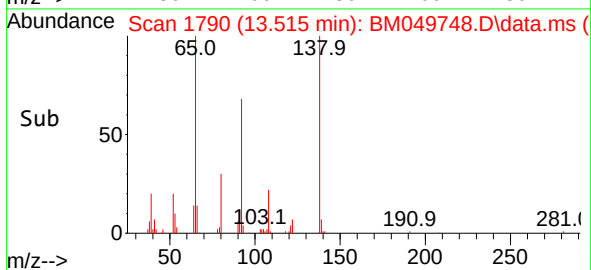
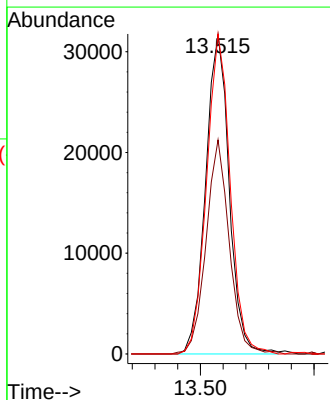
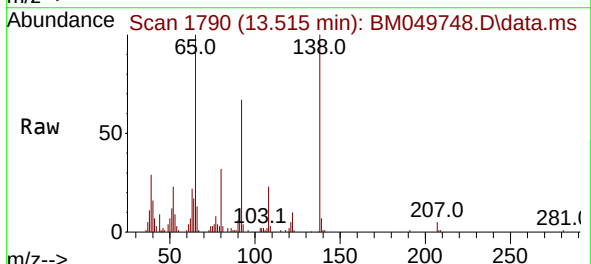
Manual Integrations  
APPROVED

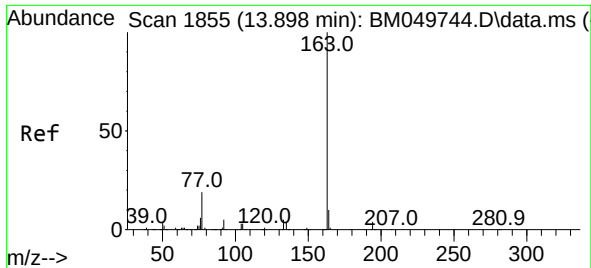
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#45  
2-Nitroaniline  
Concen: 4.017 ng/ul  
RT: 13.515 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

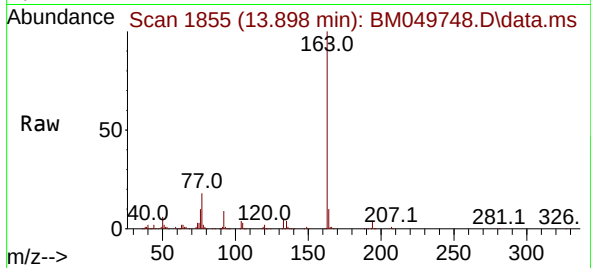
Tgt Ion: 65 Resp: 45646  
Ion Ratio Lower Upper  
65 100  
92 67.1 55.3 82.9  
138 100.2 86.3 129.5





#47  
Dimethylphthalate  
Concen: 4.716 ng/ul  
RT: 13.898 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

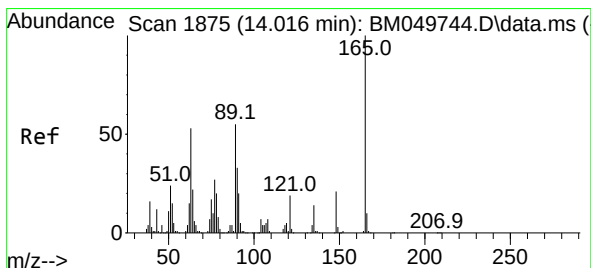
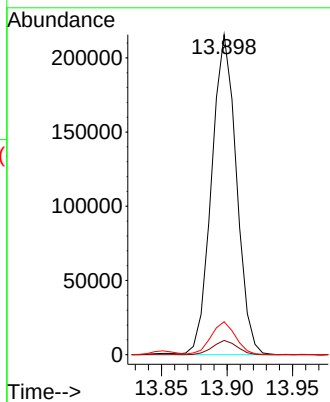
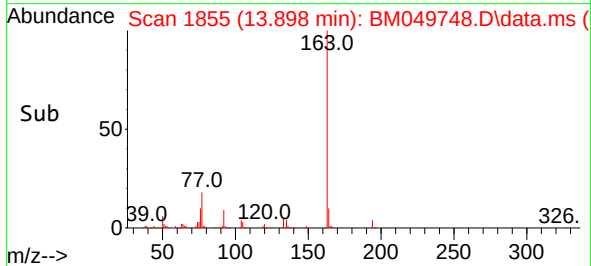
Instrument : BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



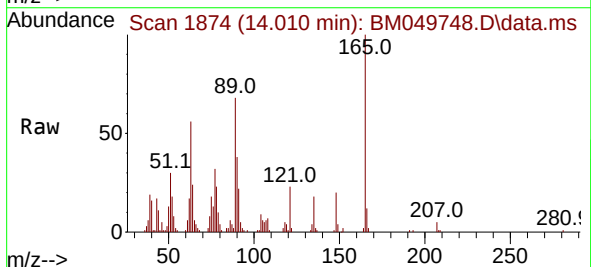
Tgt Ion:163 Resp: 284318  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.1 4.7  
164 10.3 8.2 12.2

Manual Integrations  
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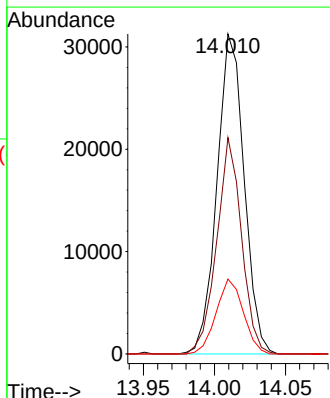
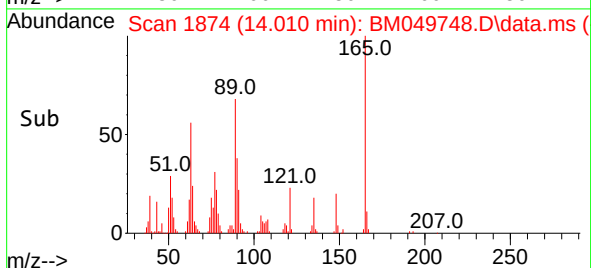
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

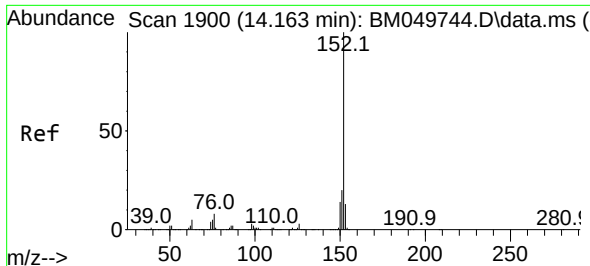


#48  
2,6-Dinitrotoluene  
Concen: 3.952 ng/ul  
RT: 14.010 min Scan# 1874  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



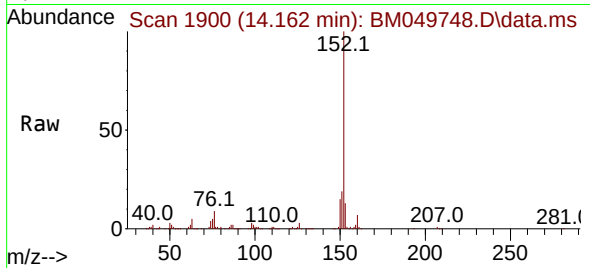
Tgt Ion:165 Resp: 41535  
Ion Ratio Lower Upper  
165 100  
89 67.6 42.9 64.3#  
121 23.4 16.1 24.1





#50  
Acenaphthylene  
Concen: 4.472 ng/ul  
RT: 14.162 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

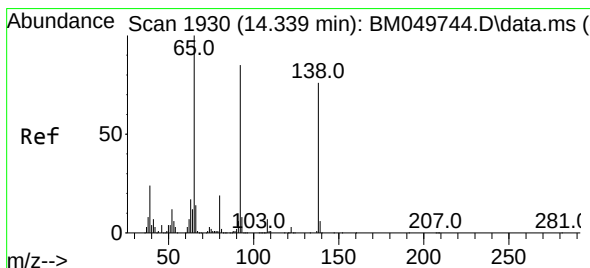
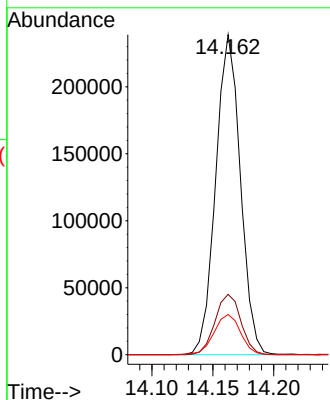
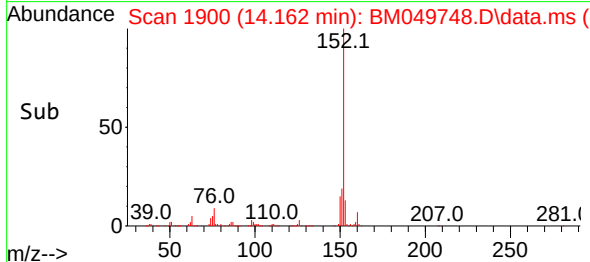
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT1-2025-02



Tgt Ion:152 Resp: 336777  
Ion Ratio Lower Upper  
152 100  
151 18.8 15.9 23.9  
153 12.6 10.5 15.7

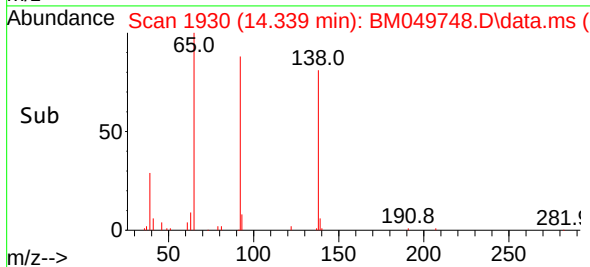
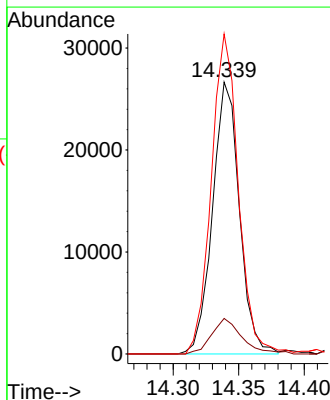
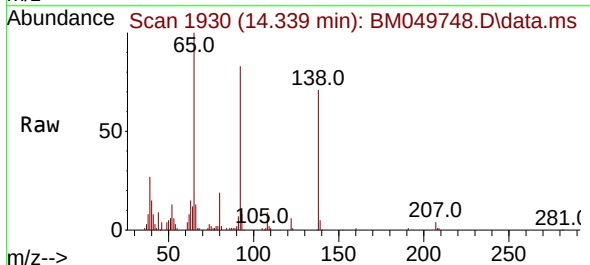
Manual Integrations  
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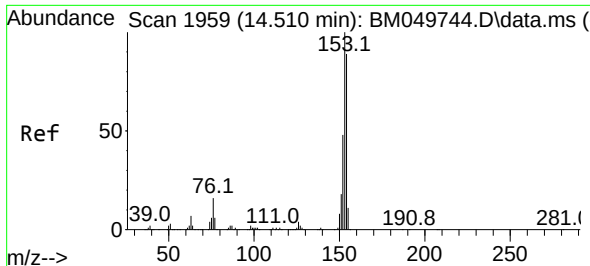
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#51  
3-Nitroaniline  
Concen: 3.497 ng/ul  
RT: 14.339 min Scan# 1930  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

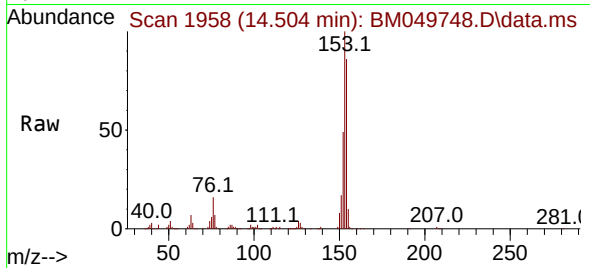
Tgt Ion:138 Resp: 37992  
Ion Ratio Lower Upper  
138 100  
108 13.1 8.7 13.1  
92 117.7 90.4 135.6





#52  
Acenaphthene  
Concen: 4.404 ng/ul  
RT: 14.504 min Scan# 1958  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

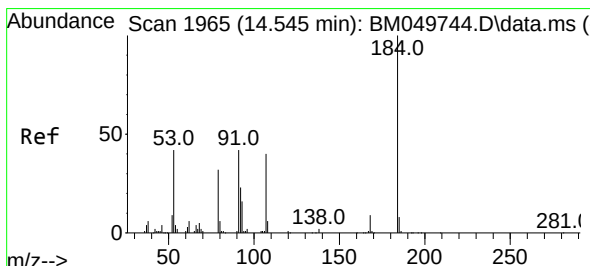
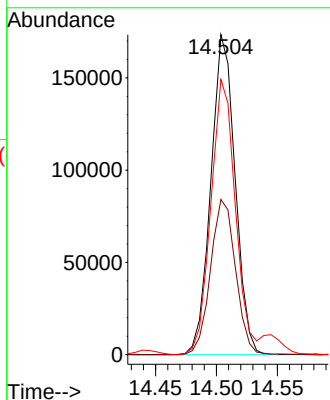
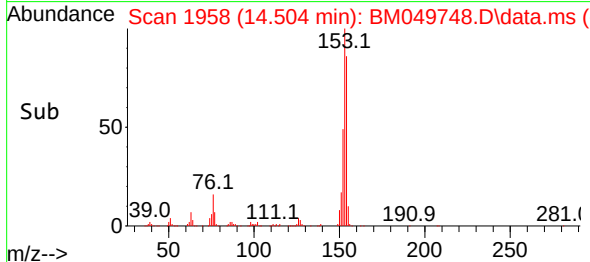
Instrument : BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



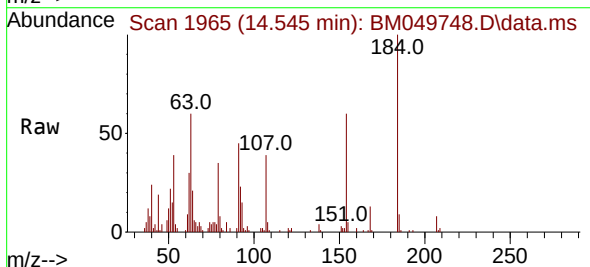
Tgt Ion:153 Resp: 240769  
Ion Ratio Lower Upper  
153 100  
152 48.5 38.8 58.2  
154 86.0 70.3 105.5

Manual Integrations  
APPROVED

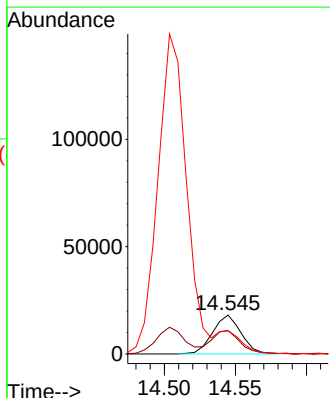
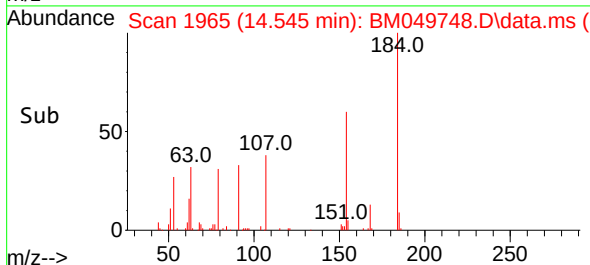
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

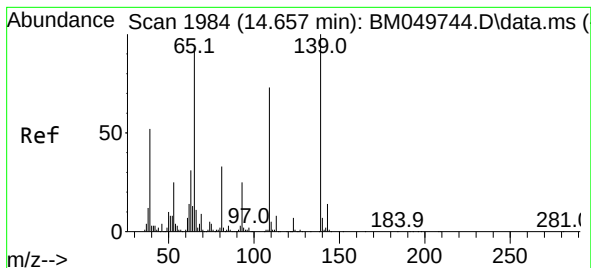


#53  
2,4-Dinitrophenol  
Concen: 4.036 ng/ul  
RT: 14.545 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



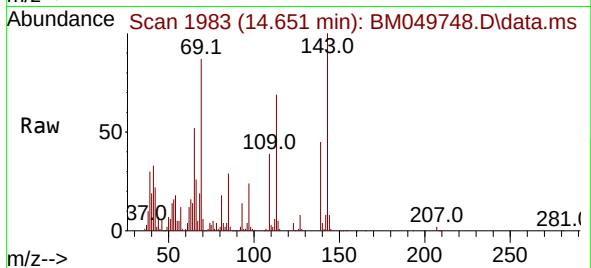
Tgt Ion:184 Resp: 25091  
Ion Ratio Lower Upper  
184 100  
63 60.3 48.2 72.4  
154 59.9 50.6 75.8





#55  
4-Nitrophenol  
Concen: 4.351 ng/ul  
RT: 14.651 min Scan# 1984  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

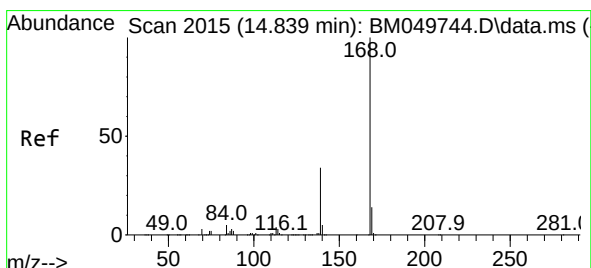
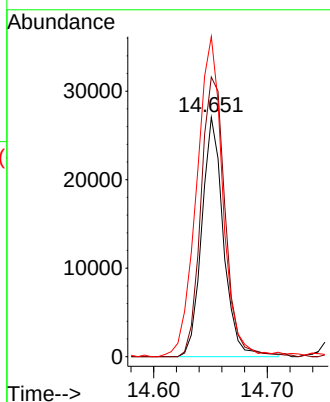
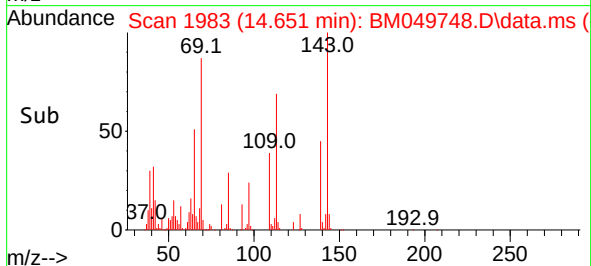
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:109 Resp: 35750  
Ion Ratio Lower Upper  
109 100  
139 116.8 108.3 162.5  
65 133.7 101.3 151.9

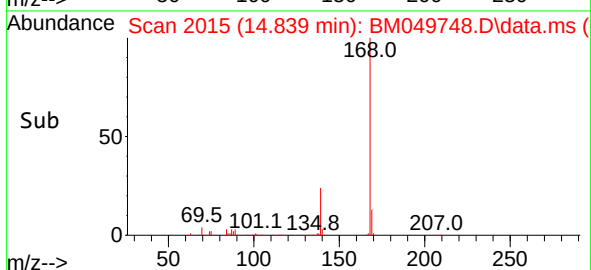
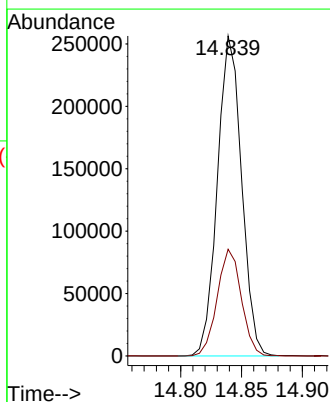
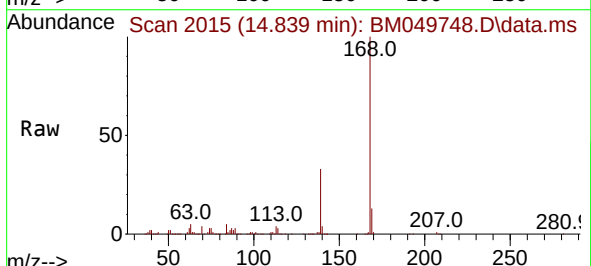
Manual Integrations  
APPROVED

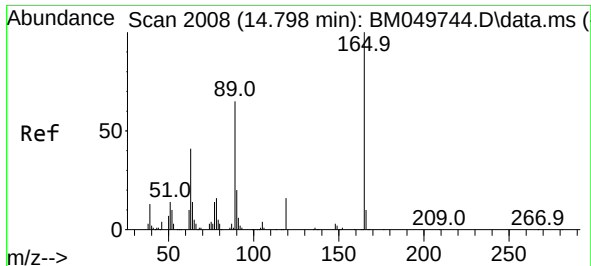
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#56  
Dibenzofuran  
Concen: 4.610 ng/ul  
RT: 14.839 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

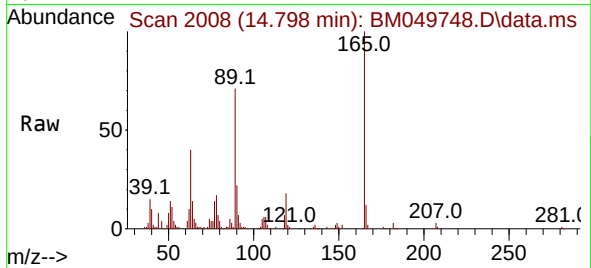
Tgt Ion:168 Resp: 354675  
Ion Ratio Lower Upper  
168 100  
139 33.3 26.7 40.1





#57  
2,4-Dinitrotoluene  
Concen: 4.364 ng/ul  
RT: 14.798 min Scan# 2008  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

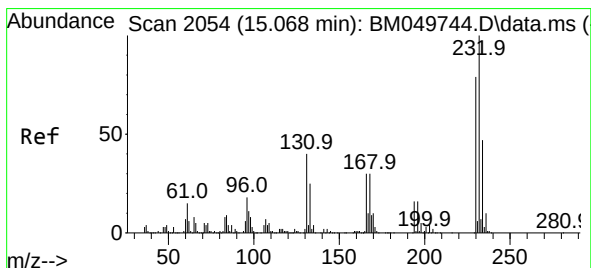
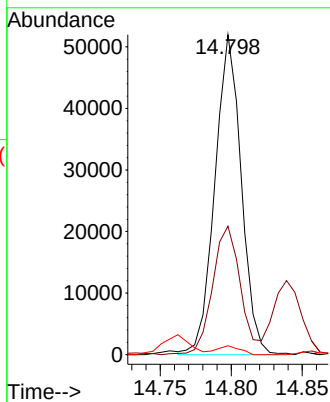
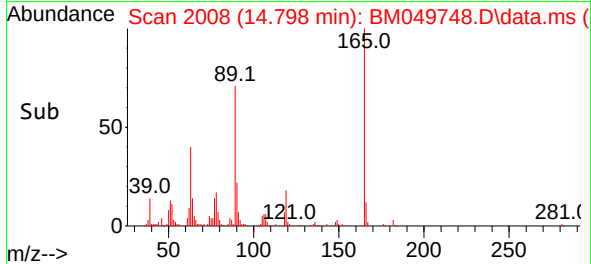
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-QT1-2025-02



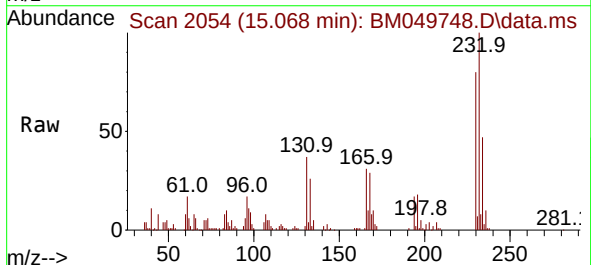
Tgt Ion:165 Resp: 6698  
Ion Ratio Lower Upper  
165 100  
63 40.1 34.6 51.8  
182 2.8 2.1 3.1

Manual Integrations  
APPROVED

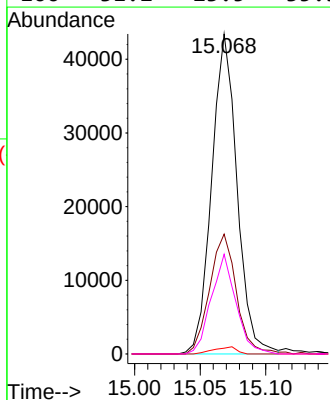
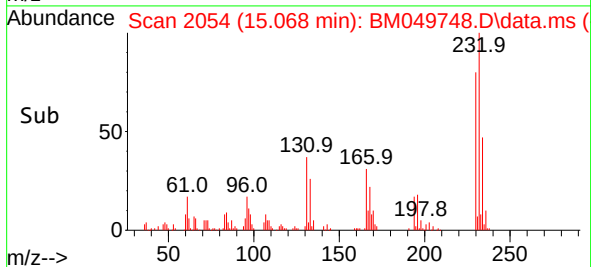
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



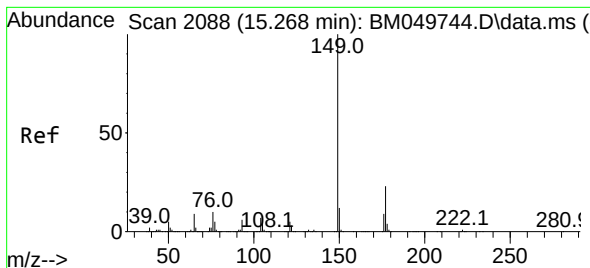
#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.003 ng/ul  
RT: 15.068 min Scan# 2054  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



Tgt Ion:232 Resp: 58414  
Ion Ratio Lower Upper  
232 100  
131 37.4 31.2 46.8  
130 1.8 1.6 2.4  
166 31.2 23.5 35.3







#59

Diethylphthalate

Concen: 4.635 ng/ul

RT: 15.262 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BM049748.D

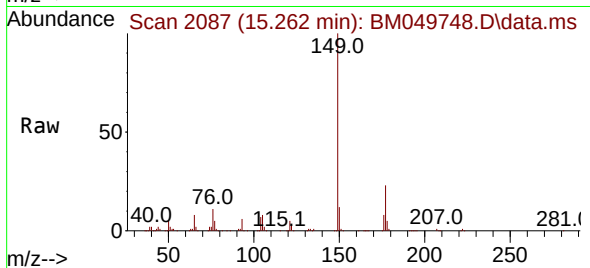
Acq: 24 Mar 2025 13:00

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-QT1-2025-02



Tgt Ion:149 Resp: 26028

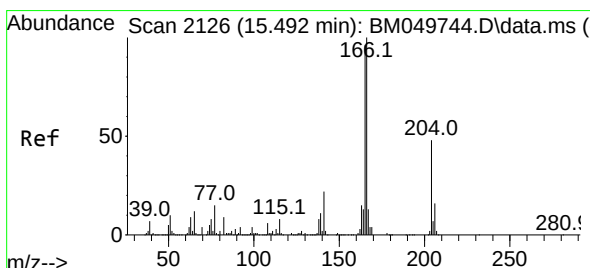
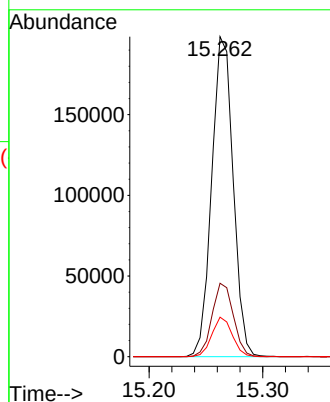
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.0  | 18.6  | 27.8  |
| 150 | 12.3  | 9.6   | 14.4  |

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#61

Fluorene

Concen: 4.424 ng/ul

RT: 15.492 min Scan# 2126

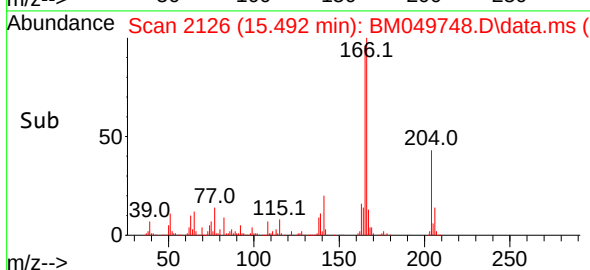
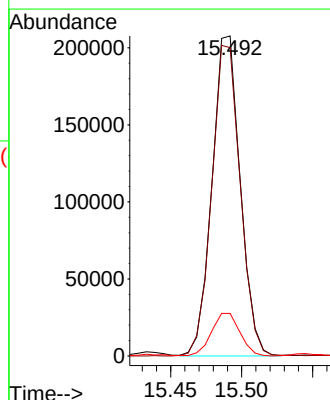
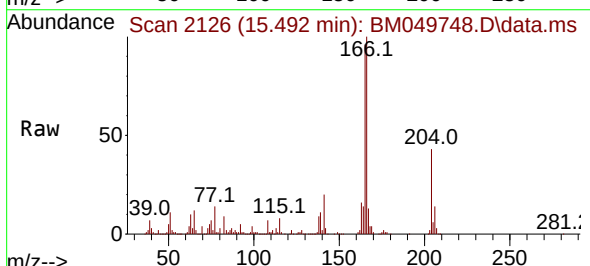
Delta R.T. -0.000 min

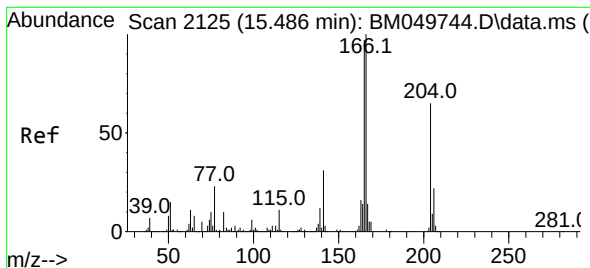
Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Tgt Ion:166 Resp: 286868

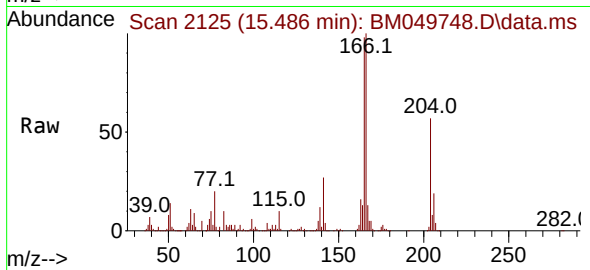
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 96.4  | 80.2  | 120.2 |
| 167 | 13.3  | 10.6  | 16.0  |





#62  
4-Chlorophenyl-phenylether  
Concen: 4.309 ng/ul  
RT: 15.486 min Scan# 2125  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

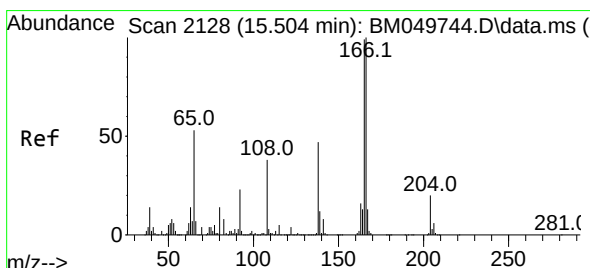
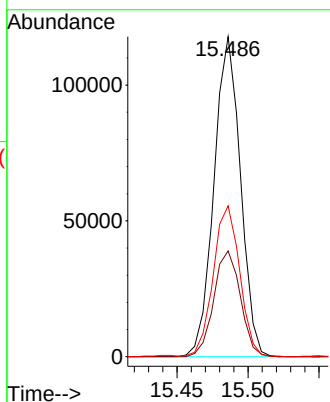
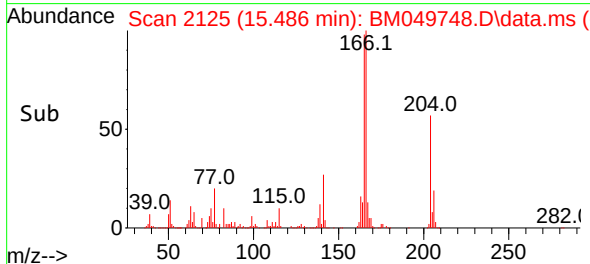
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



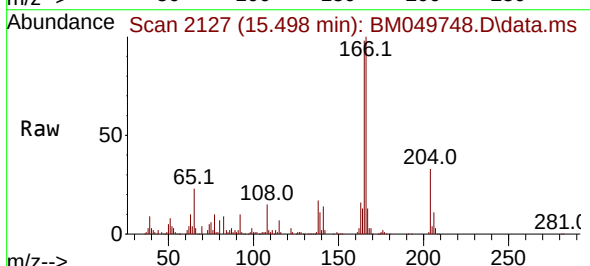
Tgt Ion:204 Resp: 152340  
Ion Ratio Lower Upper  
204 100  
206 33.0 25.8 38.6  
141 47.2 39.4 59.0

Manual Integrations  
APPROVED

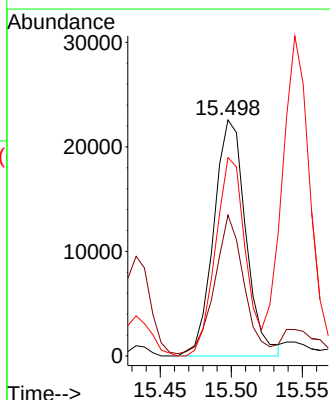
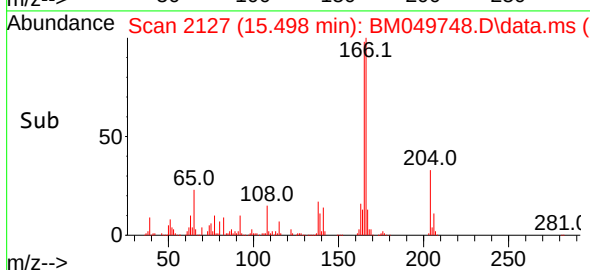
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

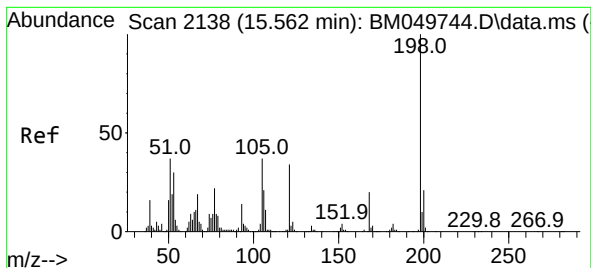


#63  
4-Nitroaniline  
Concen: 3.462 ng/ul  
RT: 15.498 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



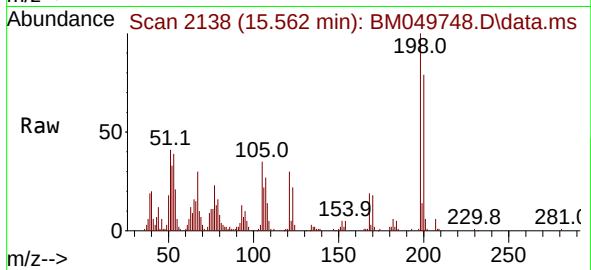
Tgt Ion:138 Resp: 35399  
Ion Ratio Lower Upper  
138 100  
92 59.7 39.0 58.6#  
108 84.1 64.4 96.6





#66  
4,6-Dinitro-2-methylphenol  
Concen: 4.402 ng/ul  
RT: 15.562 min Scan# 2138  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

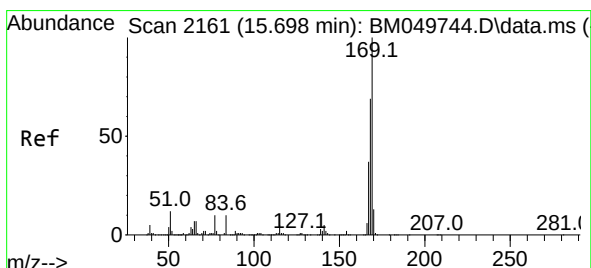
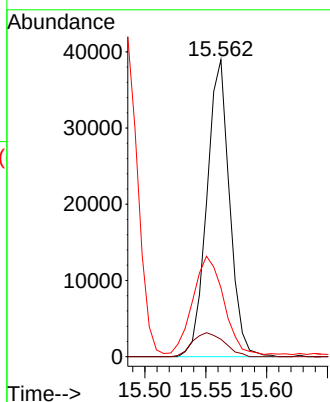
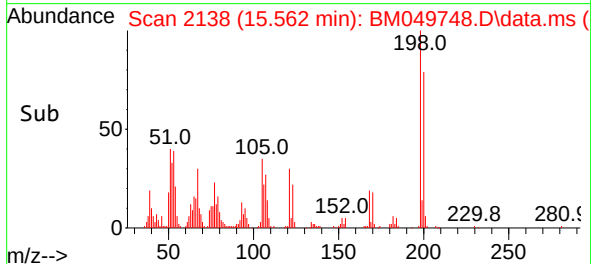
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



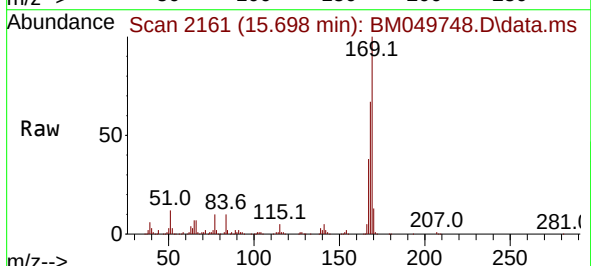
Tgt Ion:198 Resp: 50569  
Ion Ratio Lower Upper  
198 100  
182 5.9 4.4 6.6  
77 23.2 18.2 27.4

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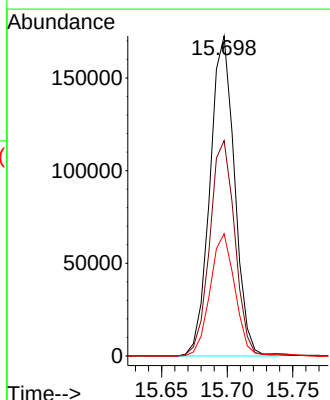
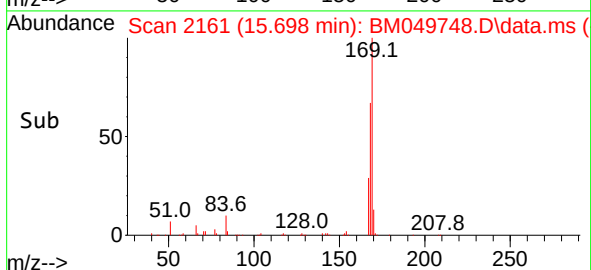
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

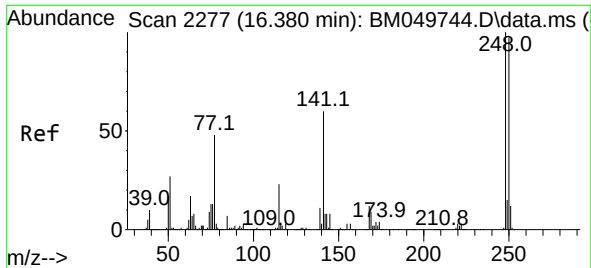


#67  
N-Nitrosodiphenylamine  
Concen: 4.192 ng/ul  
RT: 15.698 min Scan# 2161  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



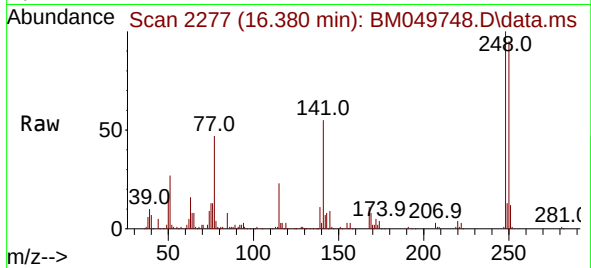
Tgt Ion:169 Resp: 224922  
Ion Ratio Lower Upper  
169 100  
168 67.3 55.2 82.8  
167 38.2 29.8 44.6





#68  
4-Bromophenyl-phenylether  
Concen: 4.095 ng/ul  
RT: 16.380 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

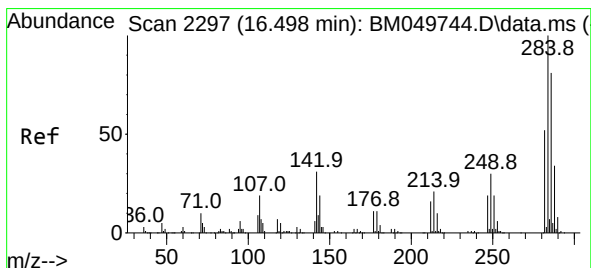
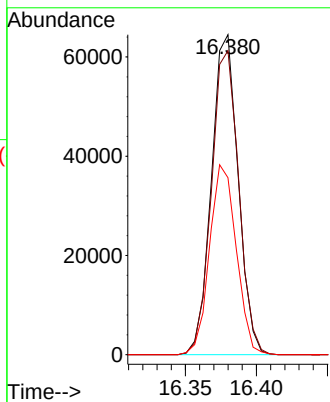
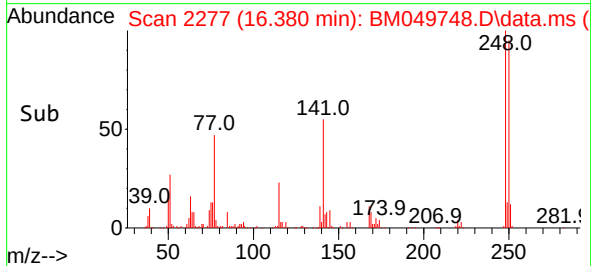
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



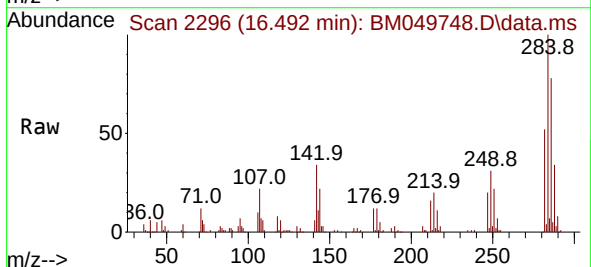
Tgt Ion:248 Resp: 84309  
Ion Ratio Lower Upper  
248 100  
250 95.0 77.8 116.6  
141 55.3 49.0 73.4

Manual Integrations  
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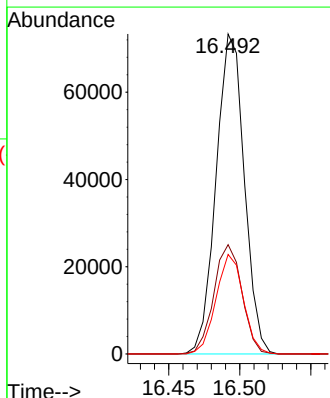
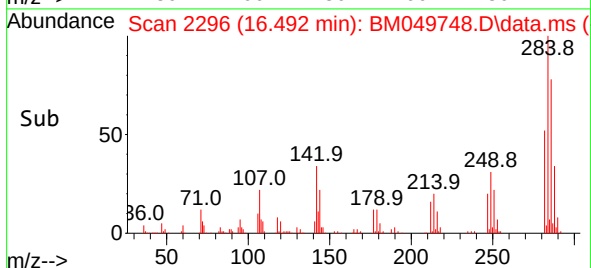
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

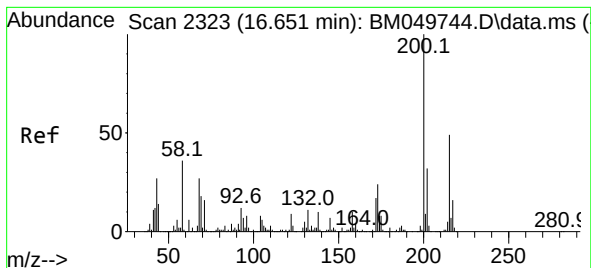


#69  
Hexachlorobenzene  
Concen: 4.259 ng/ul  
RT: 16.492 min Scan# 2296  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



Tgt Ion:284 Resp: 101125  
Ion Ratio Lower Upper  
284 100  
142 34.2 25.5 38.3  
249 31.1 24.3 36.5





#70

Atrazine

Concen: 4.323 ng/ul

RT: 16.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-QT1-2025-02

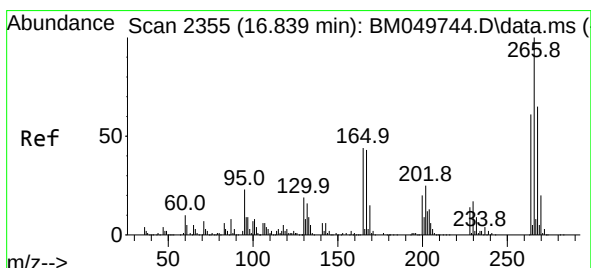
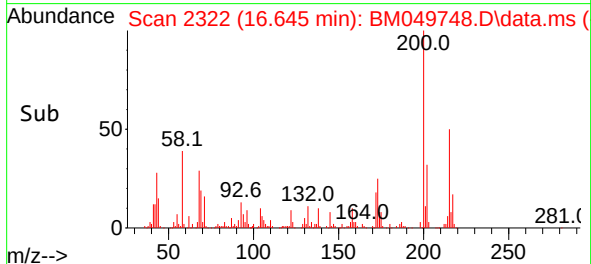
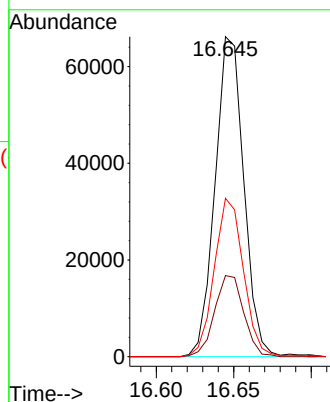
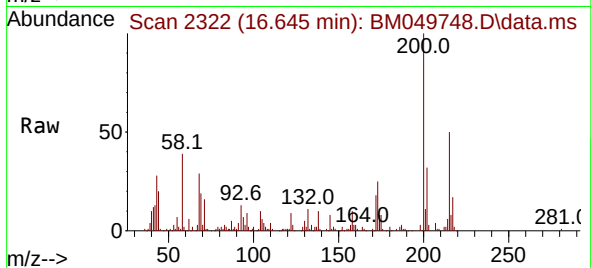
Tgt Ion:200 Resp: 8519  
 Ion Ratio Lower Upper  
 200 100  
 173 25.4 20.1 30.1  
 215 49.5 39.8 59.6

Manual Integrations

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Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#71

Pentachlorophenol

Concen: 3.826 ng/ul

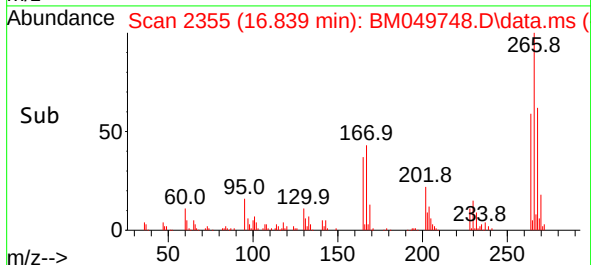
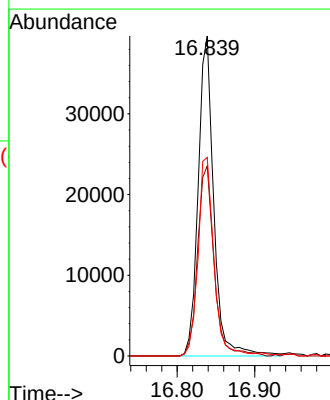
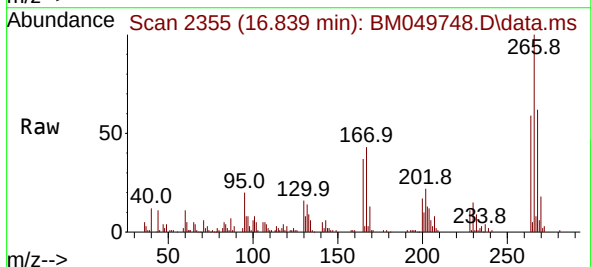
RT: 16.839 min Scan# 2355

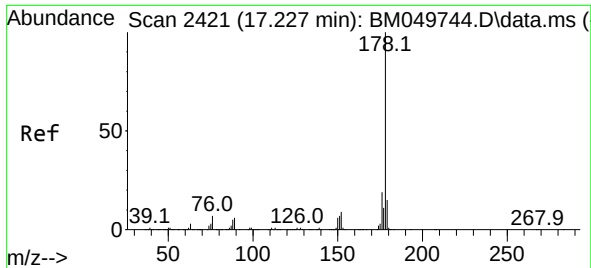
Delta R.T. -0.000 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Tgt Ion:266 Resp: 55270  
 Ion Ratio Lower Upper  
 266 100  
 264 59.4 50.8 76.2  
 268 62.0 52.2 78.2





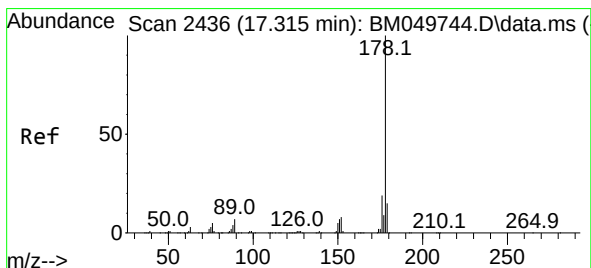
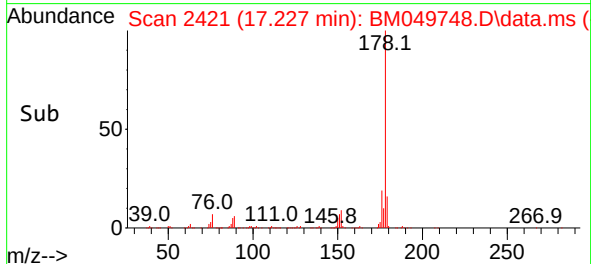
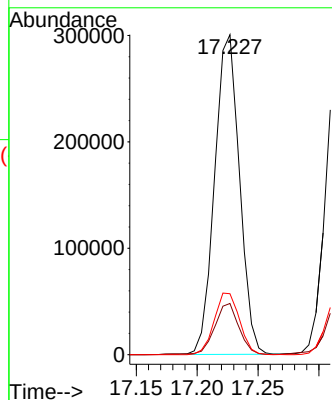
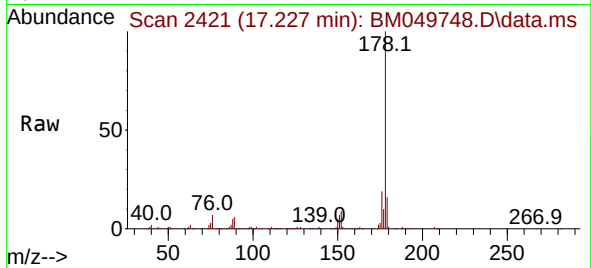
#72  
Phenanthrene  
Concen: 4.192 ng/ul  
RT: 17.227 min Scan# 2421  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

Instrument : BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02

Tgt Ion:178 Resp: 426438  
Ion Ratio Lower Upper  
178 100  
179 16.0 12.3 18.5  
176 19.1 15.7 23.5

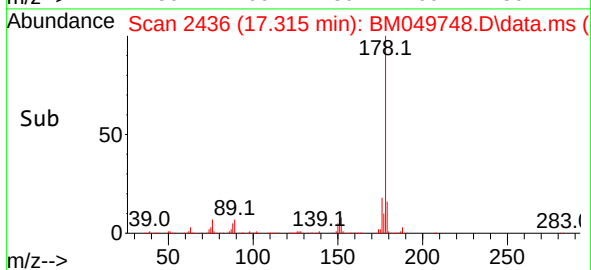
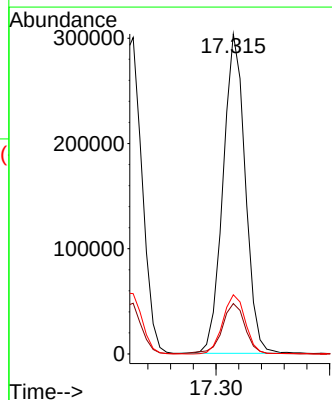
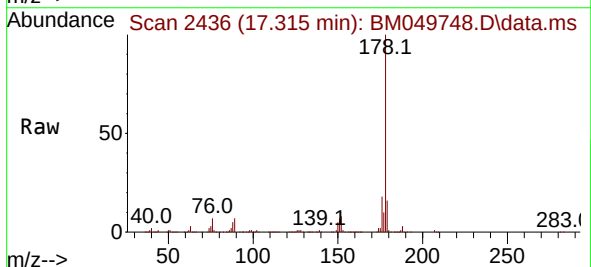
Manual Integrations  
APPROVED

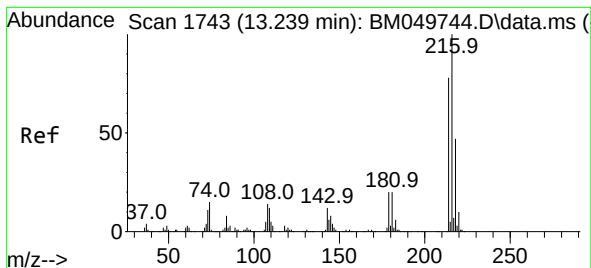
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#74  
Anthracene  
Concen: 4.032 ng/ul  
RT: 17.315 min Scan# 2436  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

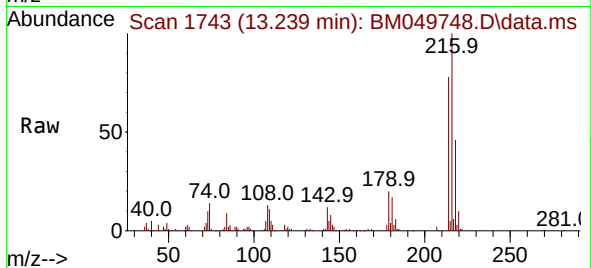
Tgt Ion:178 Resp: 411527  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.4 18.6  
176 18.5 15.1 22.7





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 3.637 ng/uL  
RT: 13.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

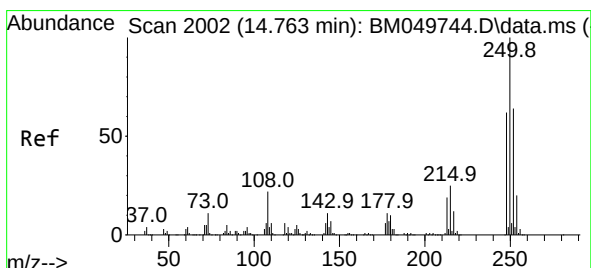
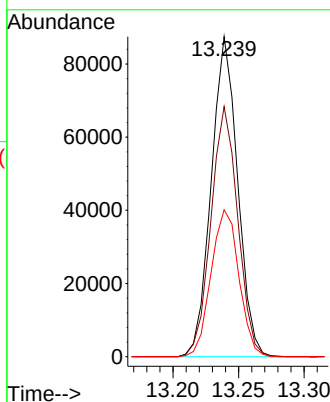
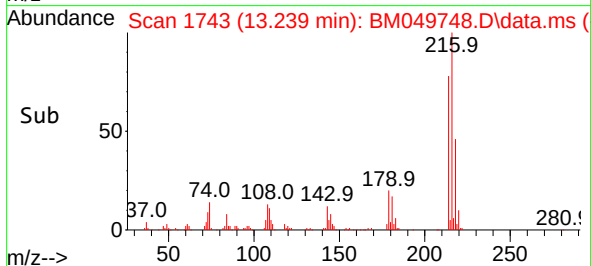
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



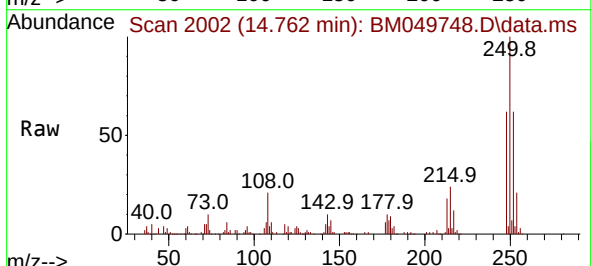
Tgt Ion:216 Resp: 12239  
Ion Ratio Lower Upper  
216 100  
214 78.1 62.2 93.4  
218 45.9 39.2 58.8

Manual Integrations  
APPROVED

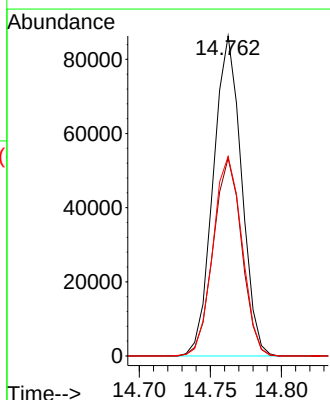
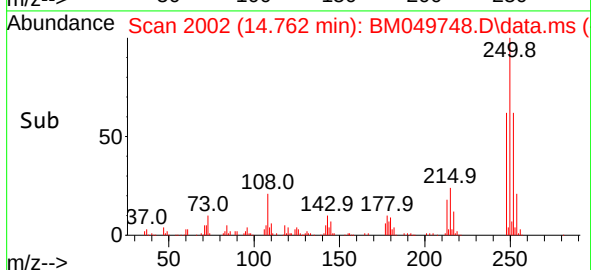
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025

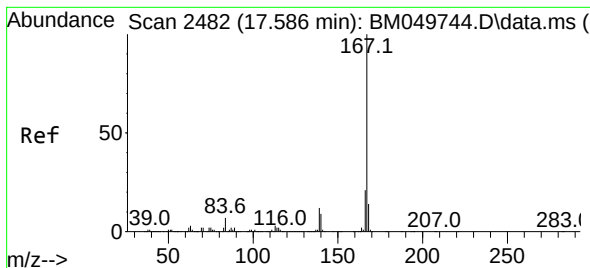


#76  
Pentachlorobenzene  
Concen: 3.761 ng/uL  
RT: 14.762 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00



Tgt Ion:250 Resp: 119457  
Ion Ratio Lower Upper  
250 100  
248 61.8 50.0 75.0  
252 62.4 51.0 76.6





#77

Carbazole

Concen: 3.842 ng/ul

RT: 17.586 min Scan# 2482

Delta R.T. -0.000 min

Lab File: BM049748.D

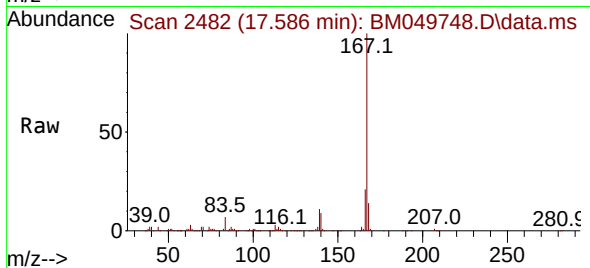
Acq: 24 Mar 2025 13:00

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-QT1-2025-02



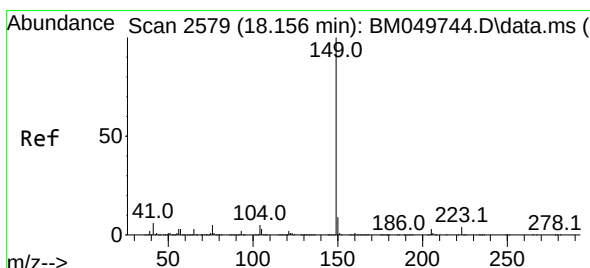
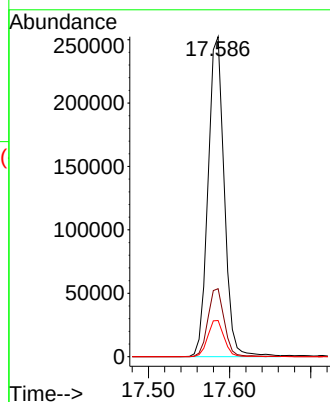
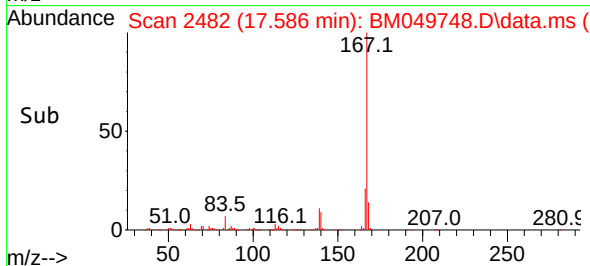
|             |              |
|-------------|--------------|
| Tgt Ion:167 | Resp: 348858 |
| Ion Ratio   | Lower Upper  |
| 167 100     |              |
| 166 21.2    | 17.7 26.5    |
| 139 11.3    | 9.3 13.9     |

Manual Integrations

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Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#78

Di-n-butylphthalate

Concen: 4.019 ng/ul

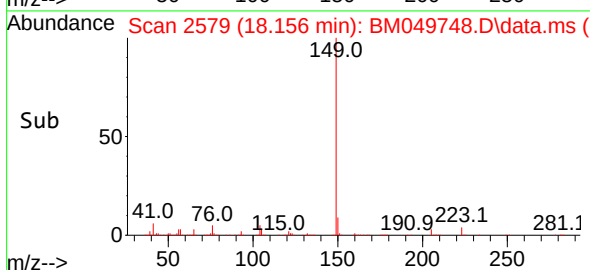
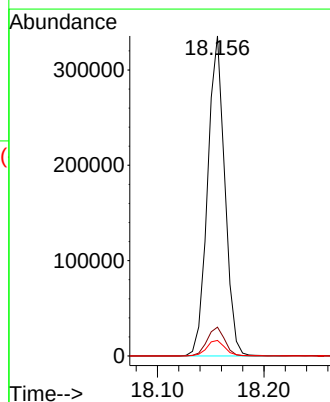
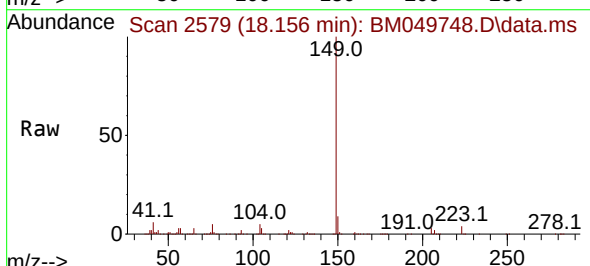
RT: 18.156 min Scan# 2579

Delta R.T. -0.000 min

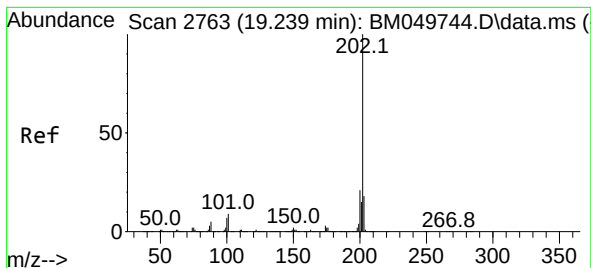
Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 376813 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 150 9.0     | 7.7 11.5     |
| 104 4.8     | 4.0 6.0      |

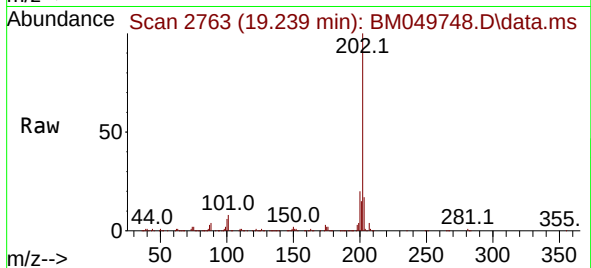






#80  
Fluoranthene  
Concen: 4.727 ng/ul  
RT: 19.239 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

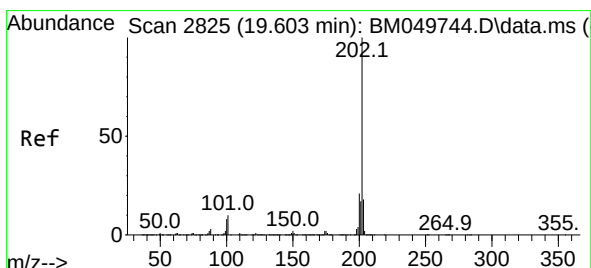
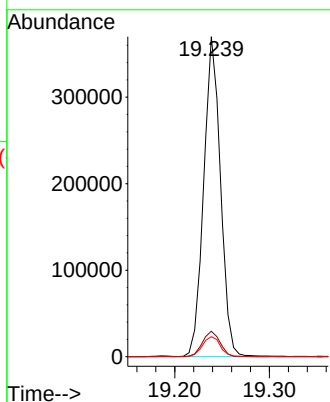
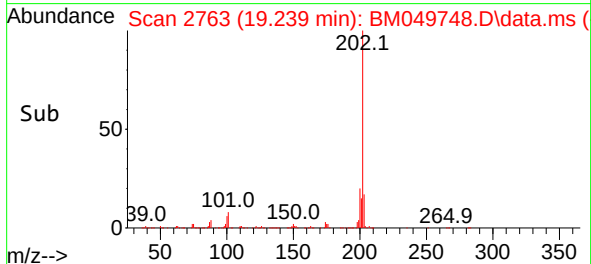
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-QT1-2025-02



Tgt Ion:202 Resp: 45415  
Ion Ratio Lower Upper  
202 100  
101 7.9 6.3 9.5  
100 6.3 5.2 7.8

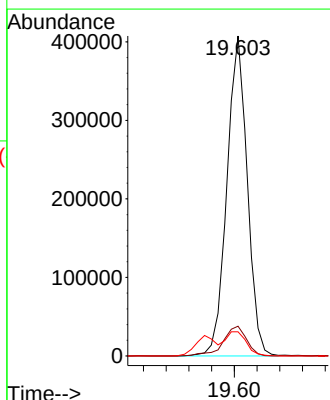
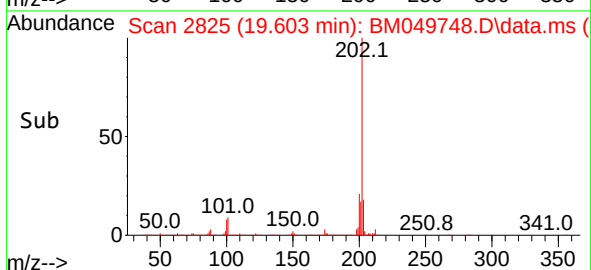
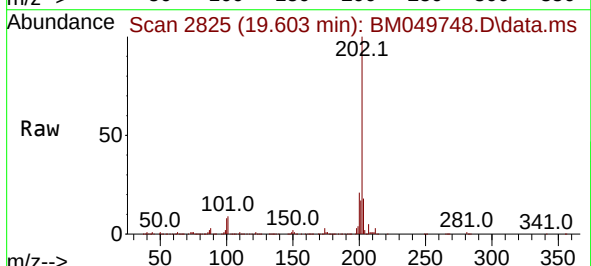
Manual Integrations  
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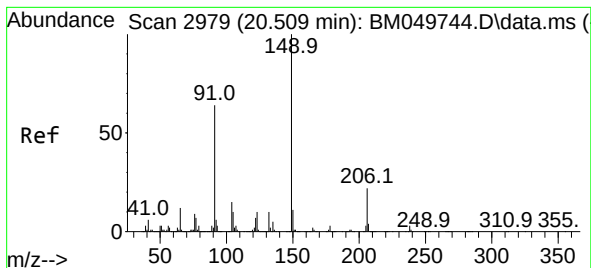
Reviewed By :Rahul Chavli 03/24/2025  
Supervised By :Jagrut Upadhyay 03/25/2025



#82  
Pyrene  
Concen: 4.873 ng/ul  
RT: 19.603 min Scan# 2825  
Delta R.T. -0.006 min  
Lab File: BM049748.D  
Acq: 24 Mar 2025 13:00

Tgt Ion:202 Resp: 507406  
Ion Ratio Lower Upper  
202 100  
101 9.3 7.1 10.7  
100 7.6 5.8 8.8





#83

Butylbenzylphthalate

Concen: 4.073 ng/ul

RT: 20.503 min Scan# 2979

Delta R.T. -0.006 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Instrument :

BNA\_M

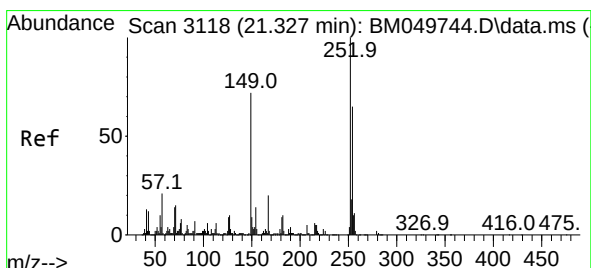
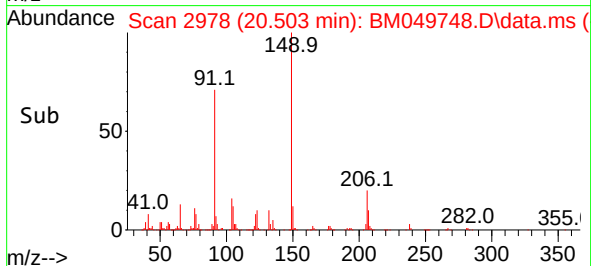
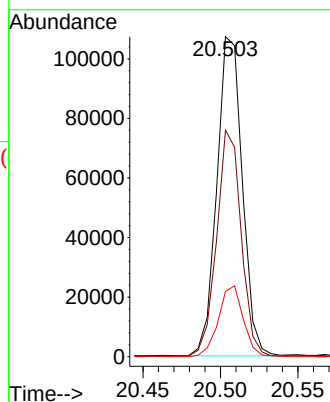
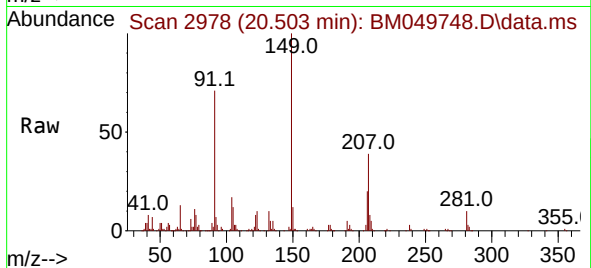
ClientSampleId :

MDL-WATER-QT1-2025-02

Tgt Ion:149 Resp: 122438  
 Ion Ratio Lower Upper  
 149 100  
 91 70.8 53.4 80.2  
 206 20.4 17.0 25.4

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/25/2025



#84

3,3'-Dichlorobenzidine

Concen: 2.962 ng/ul

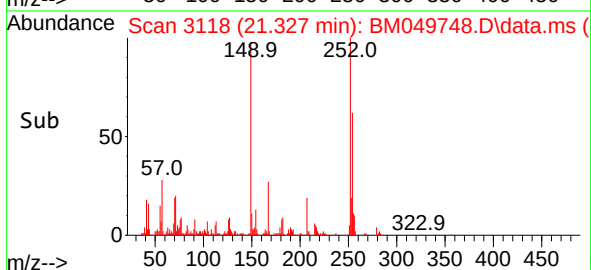
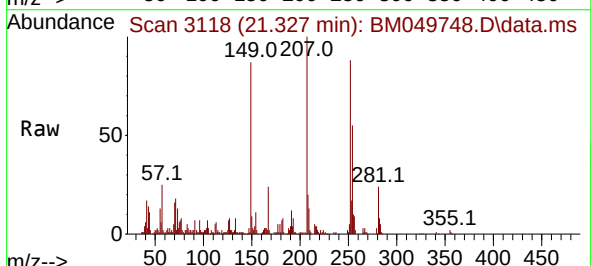
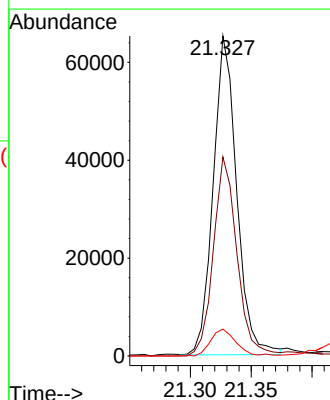
RT: 21.327 min Scan# 3118

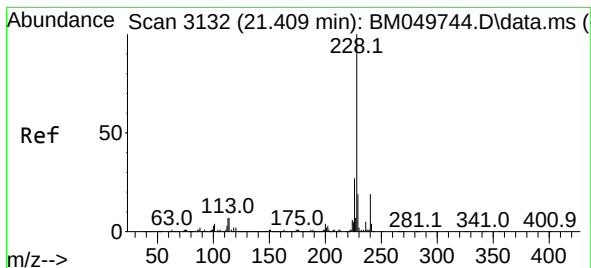
Delta R.T. -0.006 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Tgt Ion:252 Resp: 87621  
 Ion Ratio Lower Upper  
 252 100  
 254 62.2 51.7 77.5  
 126 8.4 6.8 10.2





#85

Benzo(a)anthracene

Concen: 4.397 ng/ul

RT: 21.403 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Instrument :

BNA\_M

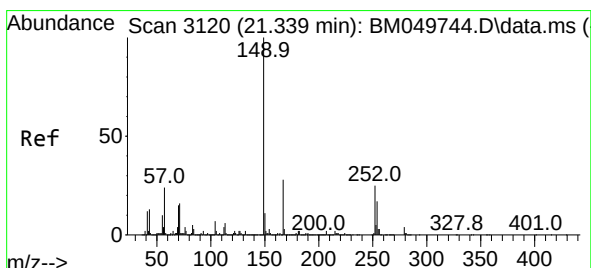
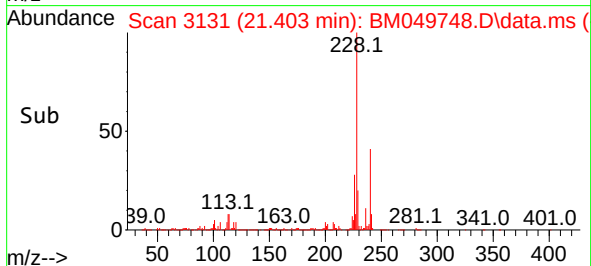
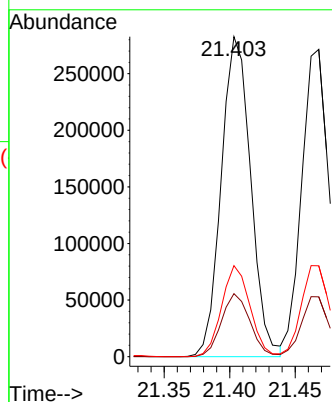
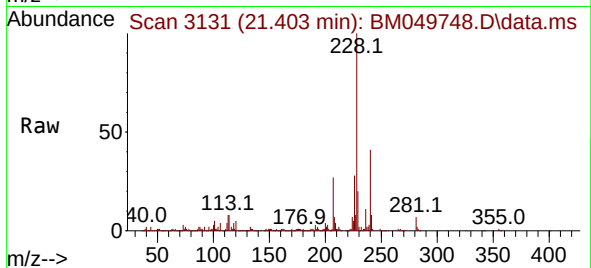
ClientSampleId :

MDL-WATER-QT1-2025-02

Tgt Ion:228 Resp: 442350  
 Ion Ratio Lower Upper  
 228 100  
 229 19.7 15.6 23.4  
 226 28.5 22.2 33.2

Manual Integrations  
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Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/25/2025



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.700 ng/ul

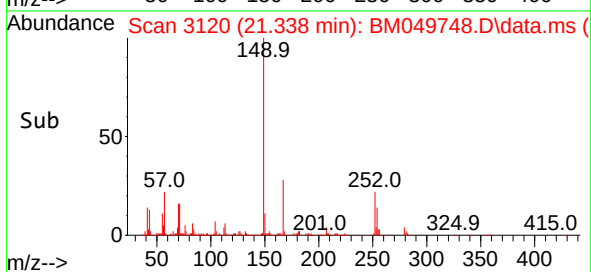
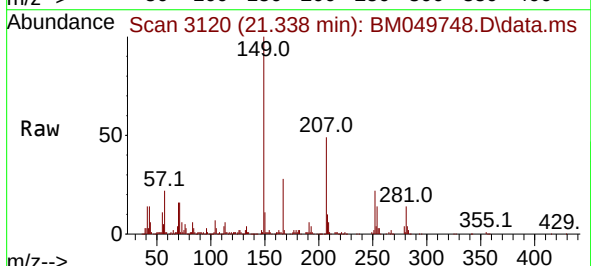
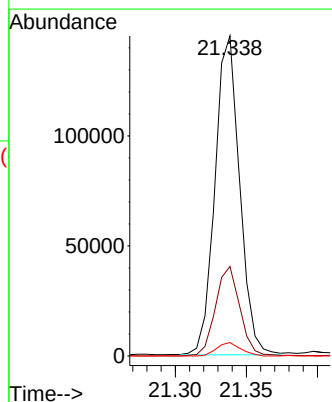
RT: 21.338 min Scan# 3120

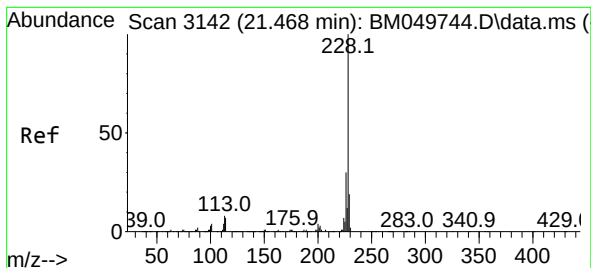
Delta R.T. -0.000 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Tgt Ion:149 Resp: 174977  
 Ion Ratio Lower Upper  
 149 100  
 167 28.0 22.0 33.0  
 279 4.2 3.1 4.7





#87

Chrysene

Concen: 4.244 ng/ul

RT: 21.468 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Instrument :

BNA\_M

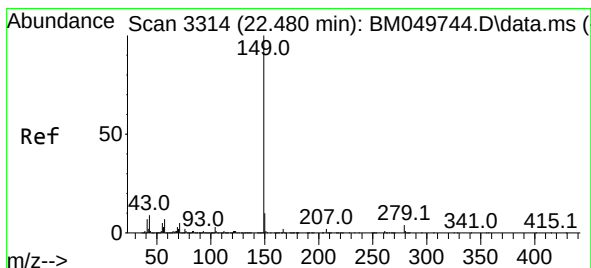
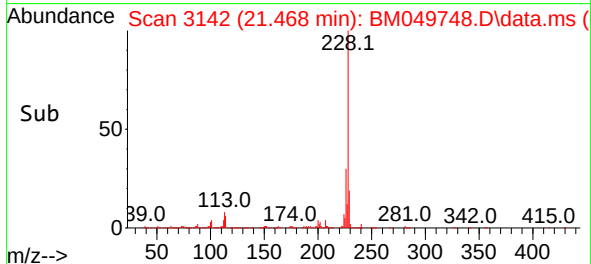
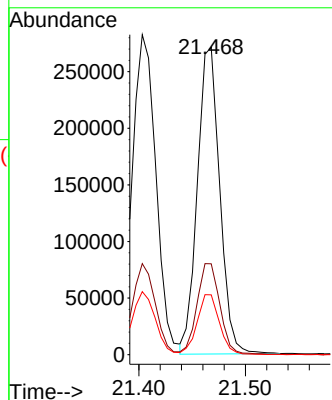
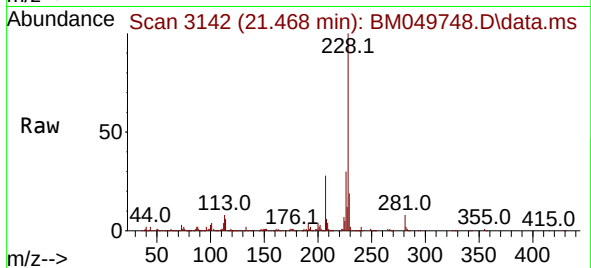
ClientSampleId :

MDL-WATER-QT1-2025-02

Tgt Ion:228 Resp: 397738  
 Ion Ratio Lower Upper  
 228 100  
 226 29.6 24.0 36.0  
 229 19.5 15.7 23.5

Manual Integrations  
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Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/25/2025



#89

Di-n-octyl phthalate

Concen: 3.225 ng/ul

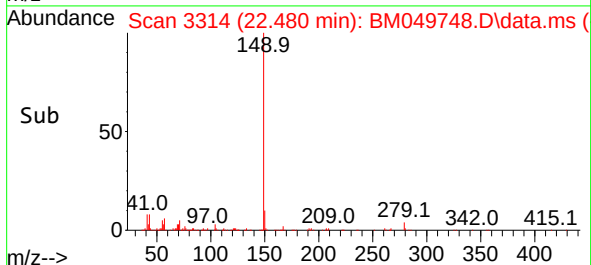
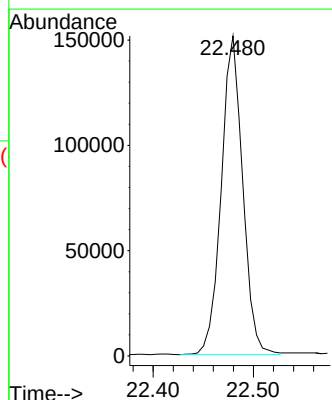
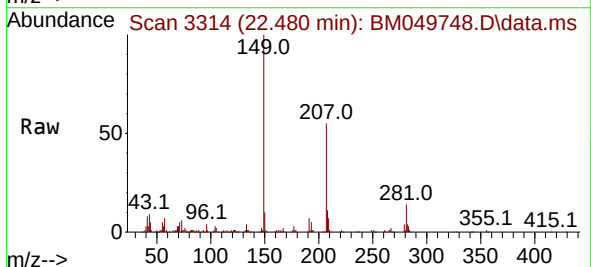
RT: 22.480 min Scan# 3314

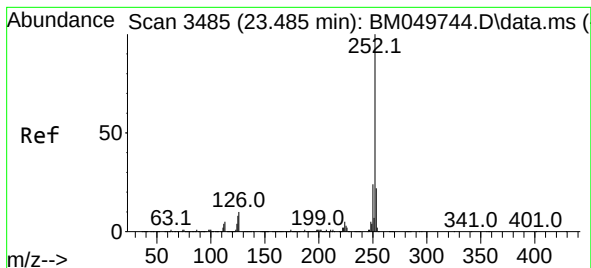
Delta R.T. -0.006 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Tgt Ion:149 Resp: 224636





#90

Benzo(b)fluoranthene

Concen: 4.408 ng/ul

RT: 23.480 min Scan# 3485

Delta R.T. -0.012 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-QT1-2025-02

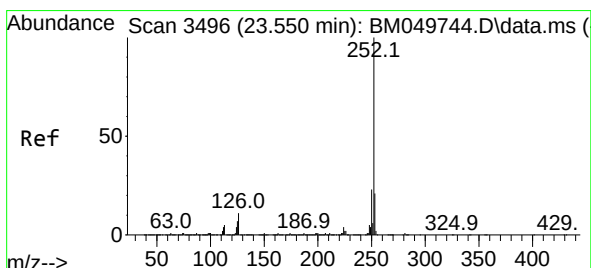
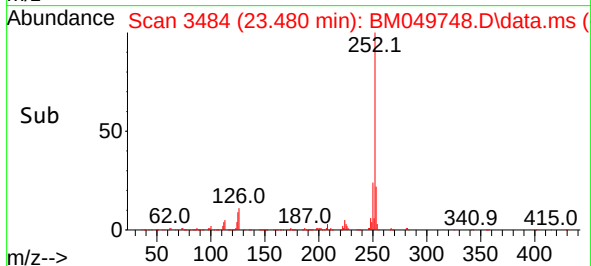
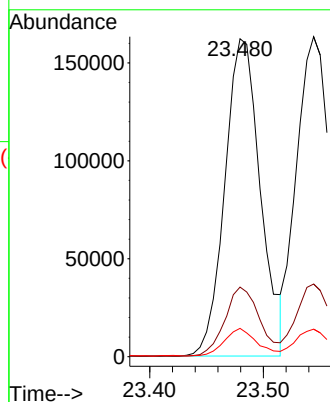
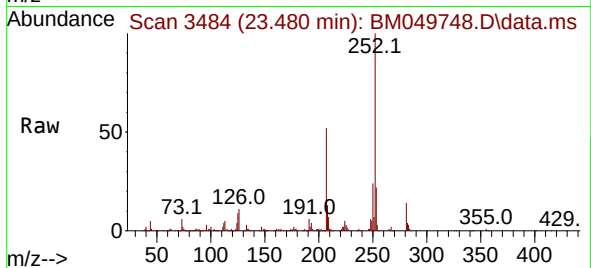
Tgt Ion:252 Resp: 352723  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.3 25.9  
 125 8.9 6.2 9.4

Manual Integrations

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Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#91

Benzo(k)fluoranthene

Concen: 4.311 ng/ul

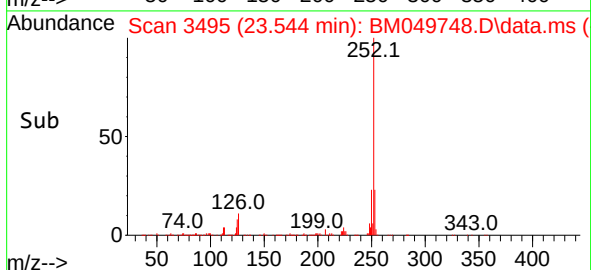
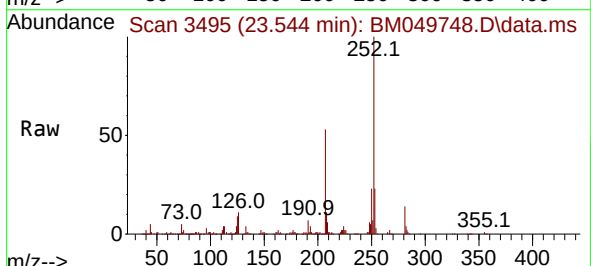
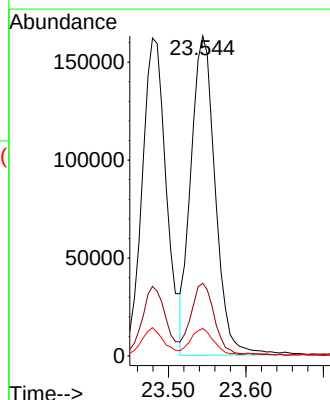
RT: 23.544 min Scan# 3495

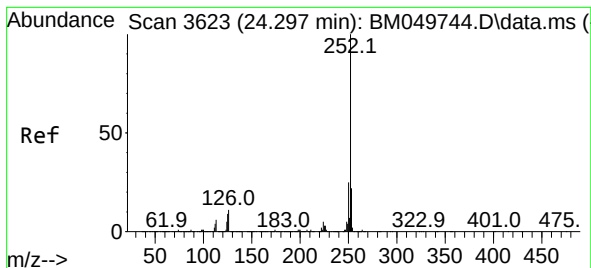
Delta R.T. -0.006 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Tgt Ion:252 Resp: 355884  
 Ion Ratio Lower Upper  
 252 100  
 253 22.7 17.1 25.7  
 125 8.6 6.0 9.0





#93

Benzo(a)pyrene

Concen: 4.313 ng/ul

RT: 24.291 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Instrument :

BNA\_M

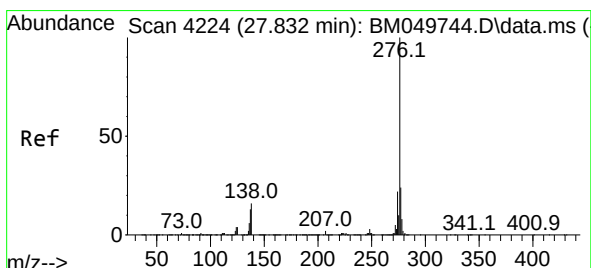
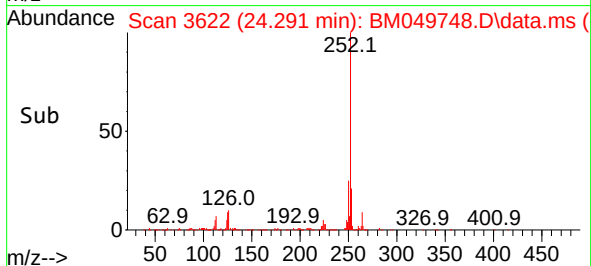
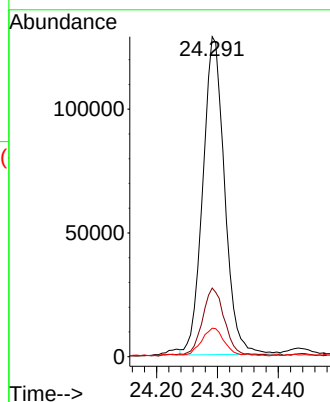
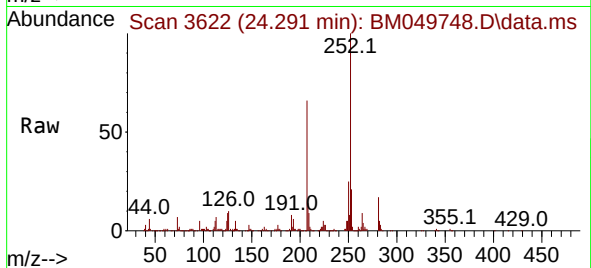
ClientSampleId :

MDL-WATER-QT1-2025-02

Tgt Ion:252 Resp: 31986  
 Ion Ratio Lower Upper  
 252 100  
 253 21.5 17.4 26.2  
 125 8.9 7.2 10.8

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 03/24/2025  
 Supervised By :Jagrut Upadhyay 03/25/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.739 ng/ul m

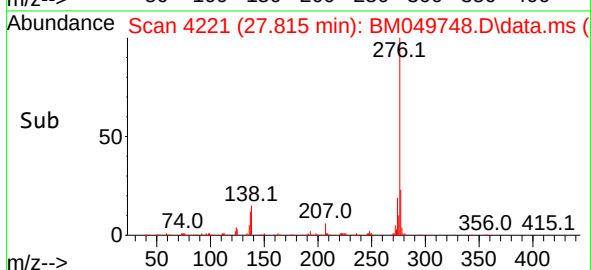
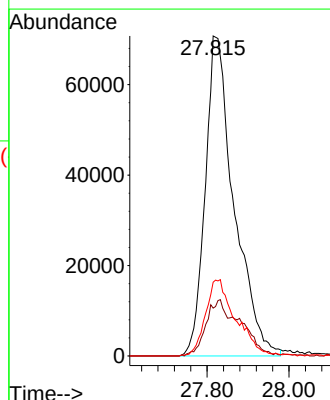
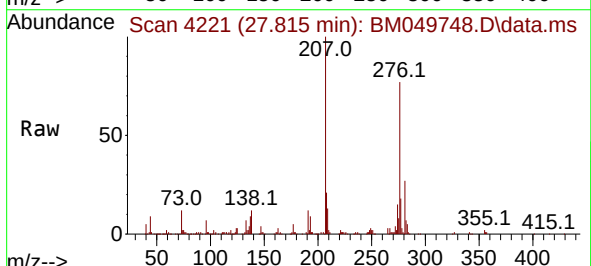
RT: 27.815 min Scan# 4221

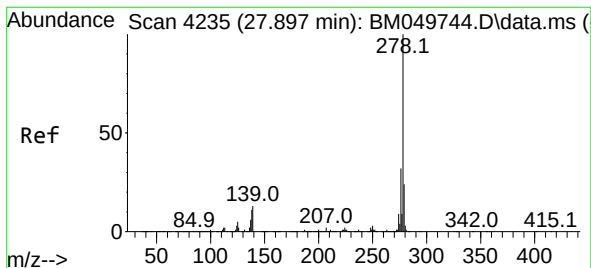
Delta R.T. -0.030 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Tgt Ion:276 Resp: 346202  
 Ion Ratio Lower Upper  
 276 100  
 138 14.9 13.1 19.7  
 277 23.1 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 3.638 ng/ul

RT: 27.879 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM049748.D

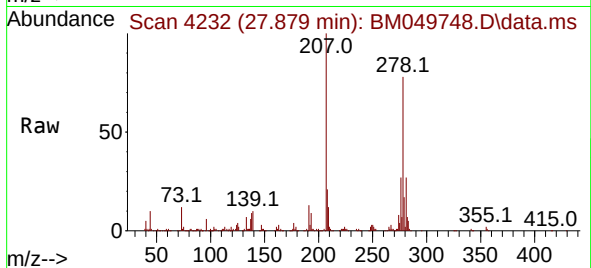
Acq: 24 Mar 2025 13:00

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-QT1-2025-02



Tgt Ion:278 Resp: 27410

Ion Ratio Lower Upper

278 100

139 12.3 10.5 15.7

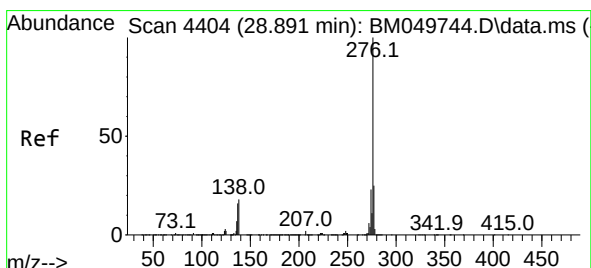
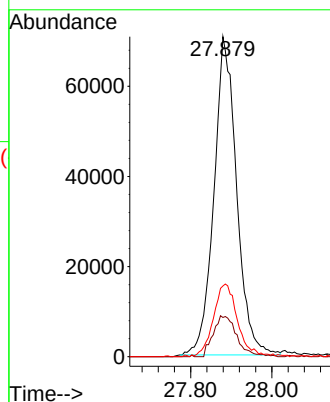
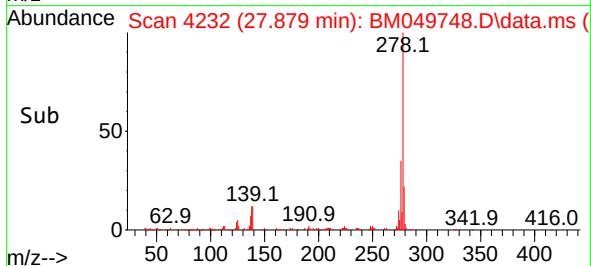
279 22.1 18.7 28.1

Manual Integrations

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Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#96

Benzo(g,h,i)perylene

Concen: 3.806 ng/ul

RT: 28.879 min Scan# 4402

Delta R.T. -0.024 min

Lab File: BM049748.D

Acq: 24 Mar 2025 13:00

Tgt Ion:276 Resp: 270534

Ion Ratio Lower Upper

276 100

138 18.3 14.0 21.0

277 22.9 18.3 27.5

