

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102424\  
 Data File : BM048222.D  
 Acq On : 24 Oct 2024 18:27  
 Operator : RC/JU  
 Sample : P4368-07  
 Misc : LOD-MDL-WATER-08 ng  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Oct 24 23:58:23 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM102324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 23 18:21:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.716  | 152  | 202686   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.510 | 136  | 812489   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.363 | 164  | 512546   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.104 | 188  | 1024738  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.333 | 240  | 985684   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.286 | 264  | 1094292  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.304  | 112  | 1503223  | 124.667 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.898  | 99   | 1960106  | 124.822 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.875  | 82   | 1302510  | 90.516  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.857 | 330  | 798921   | 127.346 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.986 | 172  | 2935457  | 87.884  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.733 | 244  | 3773259  | 78.121  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.205  | 88   | 42142    | 8.538   | ng    | 98       |
| 3) Pyridine                   | 3.610  | 79   | 97465    | 7.434   | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.516  | 42   | 46669    | 8.383   | ng    | # 97     |
| 6) Aniline                    | 7.051  | 93   | 136973   | 10.508  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.287  | 128  | 111305   | 8.497   | ng    | 97       |
| 9) Benzaldehyde               | 6.863  | 77   | 93313    | 12.095  | ng    | 96       |
| 10) Phenol                    | 6.928  | 94   | 131873   | 8.347   | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.145  | 93   | 104103   | 8.273   | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.610  | 146  | 126187   | 8.355   | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.751  | 146  | 128848   | 8.398   | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.069  | 146  | 121525   | 8.195   | ng    | 98       |
| 15) Benzyl Alcohol            | 7.963  | 79   | 78995    | 7.885   | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.240  | 45   | 161888   | 8.795   | ng    | 98       |
| 17) 2-Methylphenol            | 8.169  | 107  | 82146    | 7.825   | ng    | 98       |
| 18) Hexachloroethane          | 8.792  | 117  | 45101    | 8.020   | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.528  | 70   | 80088    | 8.061   | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.504  | 107  | 108180   | 7.439   | ng    | 97       |
| 22) Acetophenone              | 8.540  | 105  | 169301   | 8.538   | ng    | # 99     |
| 24) Nitrobenzene              | 8.916  | 77   | 119514   | 8.016   | ng    | 99       |
| 25) Isophorone                | 9.445  | 82   | 213151   | 8.081   | ng    | 98       |
| 26) 2-Nitrophenol             | 9.634  | 139  | 50194    | 7.291   | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.698  | 122  | 48270    | 5.779   | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 9.928  | 93   | 134622   | 8.066   | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.175 | 162  | 91446    | 7.611   | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.375 | 180  | 110022   | 7.996   | ng    | 98       |
| 31) Naphthalene               | 10.557 | 128  | 342084   | 8.073   | ng    | 99       |
| 32) Benzoic acid              | 9.792  | 122  | 44040    | 4.737   | ng    | 96       |
| 33) 4-Chloroaniline           | 10.681 | 127  | 120369   | 8.758   | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.845 | 225  | 66521    | 7.800   | ng    | 97       |
| 35) Caprolactam               | 11.457 | 113  | 26601    | 6.816   | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 11.810 | 107  | 92167    | 7.348   | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.175 | 142  | 224599   | 7.933   | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.398 | 142  | 214744   | 7.649   | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.551 | 216  | 121696   | 8.307   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.527 | 237  | 27120    | 5.471   | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.798 | 196  | 73285    | 7.538   | ng    | 98       |

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 LOD-MDL-WATER-01-QT4-2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 23 18:21:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.875 | 196  | 79088    | 7.295  | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.192 | 154  | 310499   | 8.485  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.233 | 162  | 231906   | 8.037  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.445 | 65   | 57390    | 7.333  | ng    | 93       |
| 49) Acenaphthylene            | 14.086 | 152  | 363477   | 8.635  | ng    | 99       |
| 50) Dimethylphthalate         | 13.822 | 163  | 279095   | 7.976  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.939 | 165  | 55428    | 7.100  | ng    | 92       |
| 52) Acenaphthene              | 14.427 | 154  | 215151   | 8.044  | ng    | 97       |
| 53) 3-Nitroaniline            | 14.280 | 138  | 53778    | 7.304  | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.492 | 184  | 24077    | 5.277  | ng    | 90       |
| 55) Dibenzofuran              | 14.763 | 168  | 352467   | 8.294  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.604 | 139  | 37970    | 5.778  | ng    | 85       |
| 57) 2,4-Dinitrotoluene        | 14.739 | 165  | 69846    | 6.775  | ng    | 92       |
| 58) Fluorene                  | 15.410 | 166  | 274832   | 8.179  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 14.998 | 232  | 73160    | 8.141  | ng    | 99       |
| 60) Diethylphthalate          | 15.186 | 149  | 272647   | 7.696  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.410 | 204  | 137844   | 8.204  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.439 | 138  | 47185    | 6.192  | ng    | 93       |
| 63) Azobenzene                | 15.698 | 77   | 254186   | 8.005  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 198  | 36951    | 6.215  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 15.621 | 169  | 229949   | 8.174  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.298 | 248  | 83190    | 8.007  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.415 | 284  | 99444    | 7.969  | ng    | 98       |
| 69) Atrazine                  | 16.574 | 200  | 77180    | 9.805  | ng    | 98       |
| 70) Pentachlorophenol         | 16.768 | 266  | 56050    | 6.842  | ng    | 98       |
| 71) Phenanthrene              | 17.151 | 178  | 428710   | 8.449  | ng    | 99       |
| 72) Anthracene                | 17.239 | 178  | 394877   | 8.039  | ng    | 99       |
| 73) Carbazole                 | 17.515 | 167  | 378969   | 7.870  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.074 | 149  | 450407   | 7.515  | ng    | 100      |
| 75) Fluoranthene              | 19.162 | 202  | 476454   | 7.871  | ng    | 100      |
| 77) Benzidine                 | 19.356 | 184  | 125406   | 11.024 | ng    | 98       |
| 78) Pyrene                    | 19.527 | 202  | 503143   | 7.626  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.427 | 149  | 196442   | 7.120  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.315 | 228  | 507419   | 8.056  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.245 | 252  | 173560   | 8.044  | ng    | 99       |
| 83) Chrysene                  | 21.374 | 228  | 501269   | 8.291  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.239 | 149  | 302722   | 7.550  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.350 | 149  | 477040   | 6.869  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.597 | 276  | 597865   | 8.262  | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.350 | 252  | 499829   | 7.966  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.415 | 252  | 518125   | 8.541  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.144 | 252  | 456057   | 8.361  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.650 | 278  | 496334   | 8.237  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 28.638 | 276  | 478599   | 7.756  | ng    | 97       |

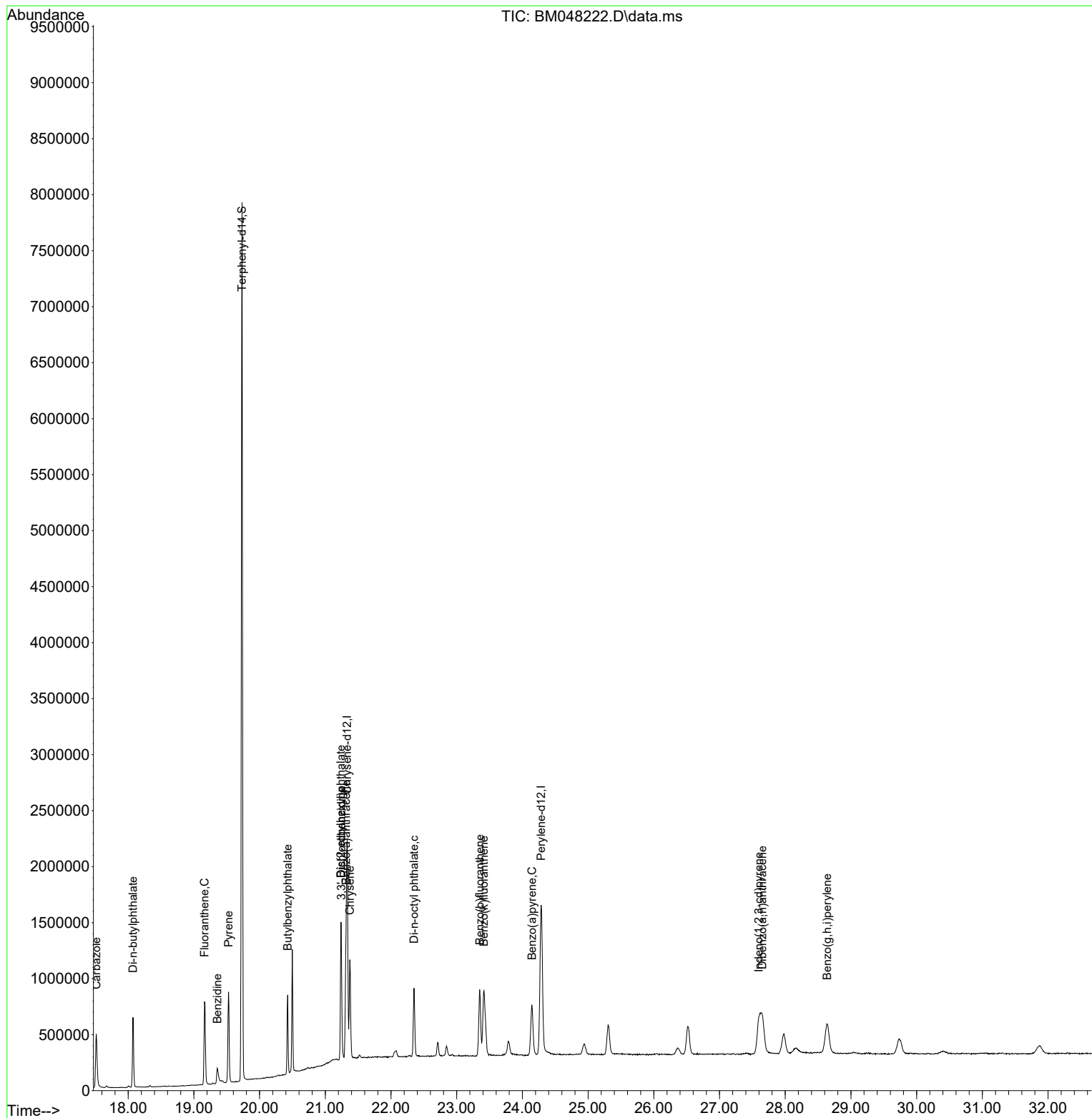
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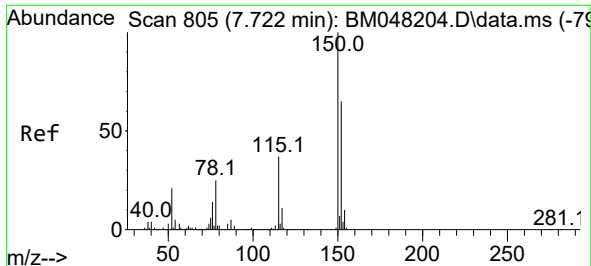


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ALS Vial : 13 Sample Multiplier: 1

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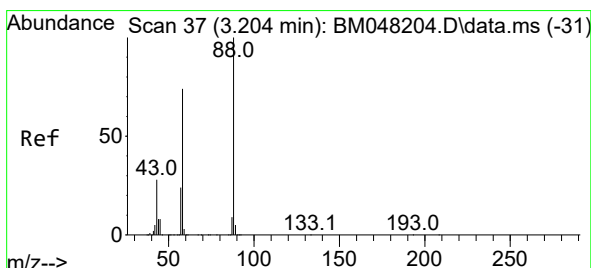
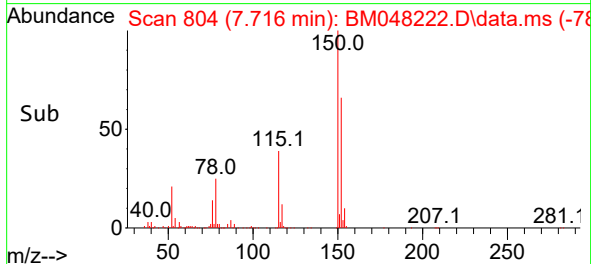
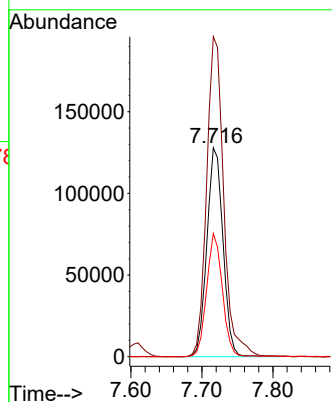
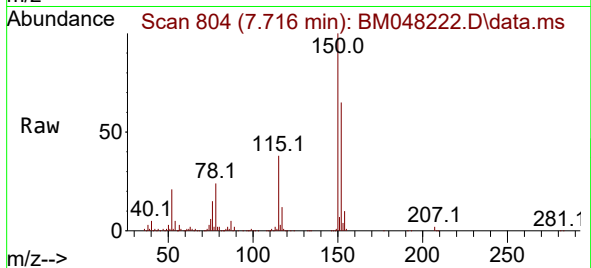




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.716 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

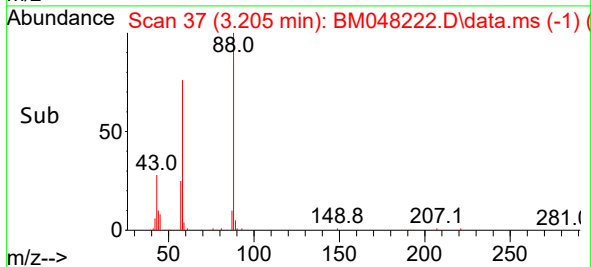
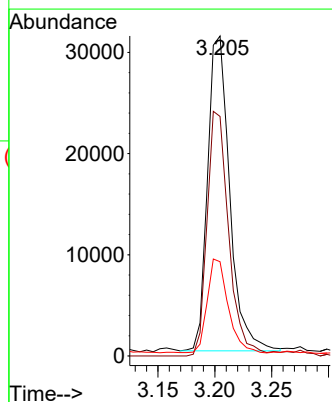
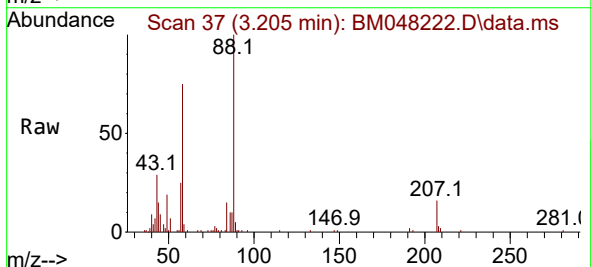
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BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

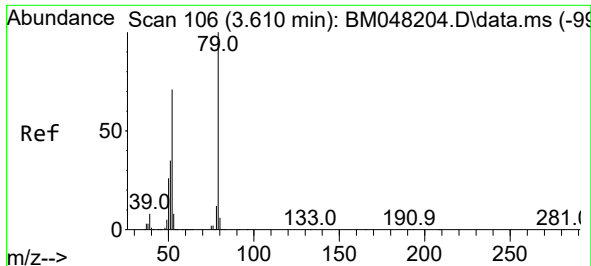
Tgt Ion:152 Resp: 202686  
Ion Ratio Lower Upper  
152 100  
150 153.1 123.0 184.6  
115 58.9 45.8 68.6



#2  
1,4-Dioxane  
Concen: 8.538 ng  
RT: 3.205 min Scan# 37  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion: 88 Resp: 42142  
Ion Ratio Lower Upper  
88 100  
58 76.5 59.7 89.5  
43 28.4 22.6 33.8

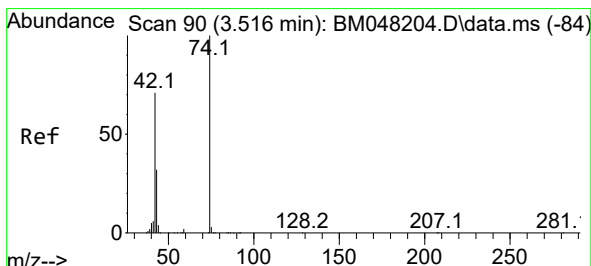
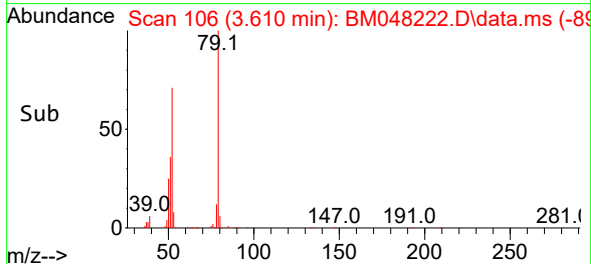
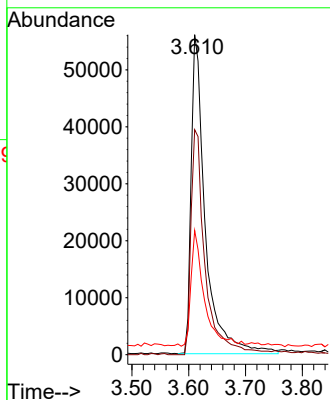
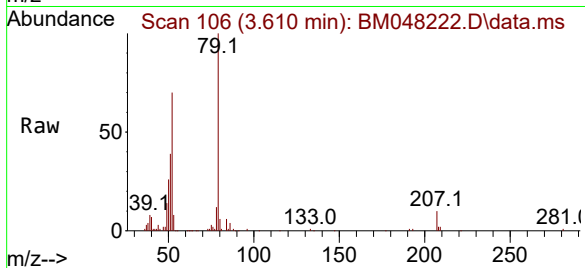




#3  
Pyridine  
Concen: 7.434 ng  
RT: 3.610 min Scan# 106  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

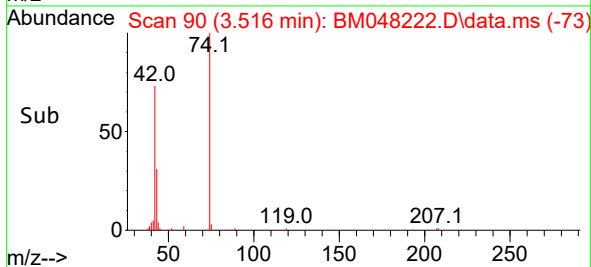
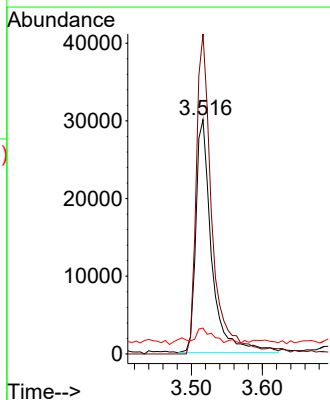
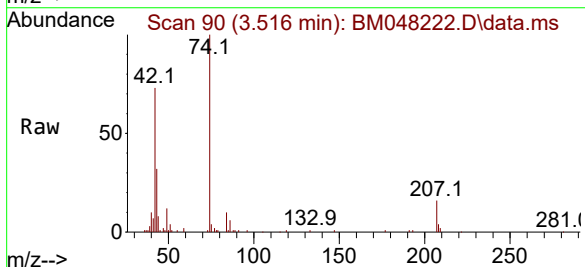
Instrument :  
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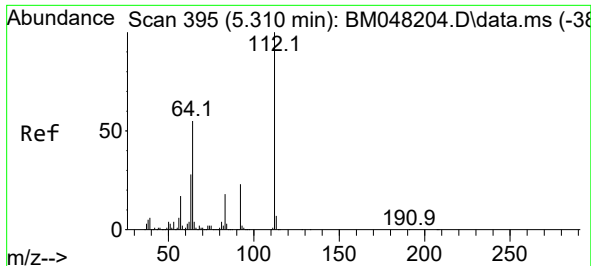
Tgt Ion: 79 Resp: 97465  
Ion Ratio Lower Upper  
79 100  
52 70.3 56.5 84.7  
51 38.8 28.5 42.7



#4  
n-Nitrosodimethylamine  
Concen: 8.383 ng  
RT: 3.516 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion: 42 Resp: 46669  
Ion Ratio Lower Upper  
42 100  
74 136.5 111.8 167.6  
44 11.0 6.0 9.0

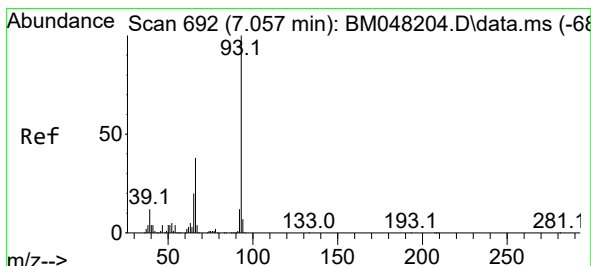
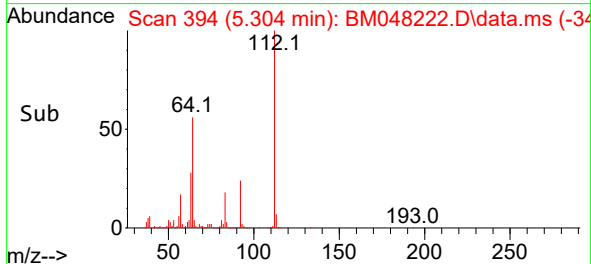
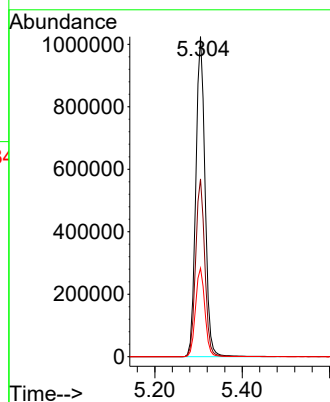
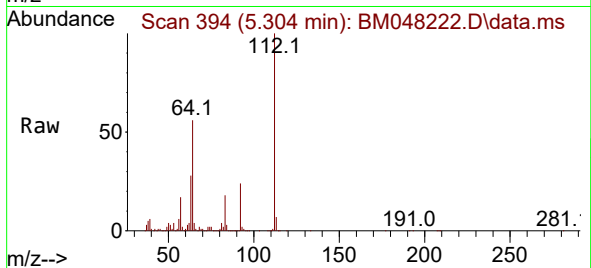




#5  
2-Fluorophenol  
Concen: 124.667 ng  
RT: 5.304 min Scan# 394  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

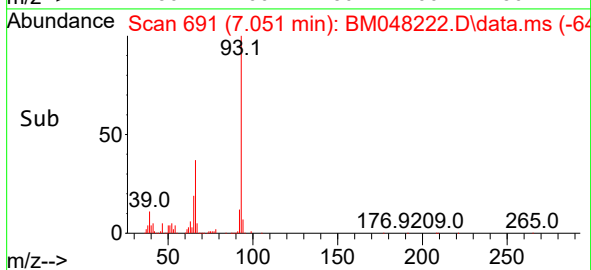
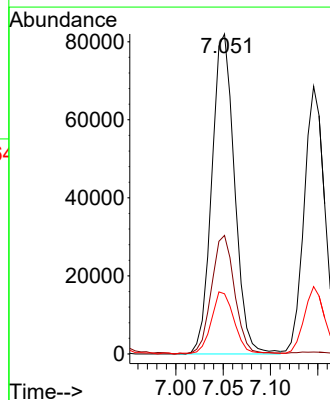
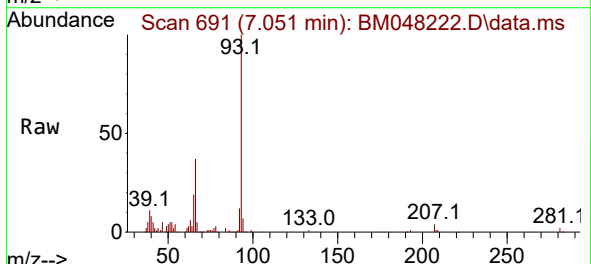
Instrument :  
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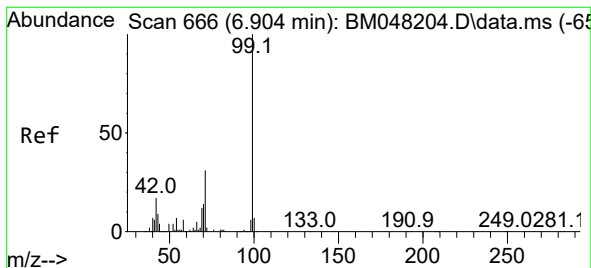
Tgt Ion:112 Resp: 1503223  
Ion Ratio Lower Upper  
112 100  
64 55.5 44.2 66.2  
63 27.7 22.7 34.1



#6  
Aniline  
Concen: 10.508 ng  
RT: 7.051 min Scan# 691  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion: 93 Resp: 136973  
Ion Ratio Lower Upper  
93 100  
66 37.1 30.2 45.2  
65 18.8 16.2 24.2





#7

Phenol-d6

Concen: 124.822 ng

RT: 6.898 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

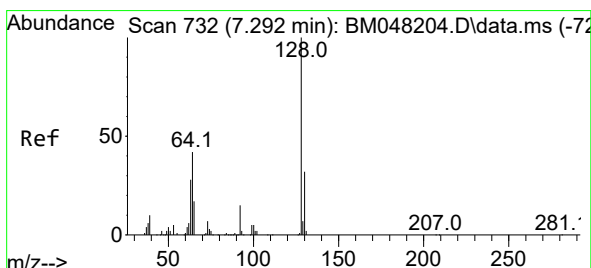
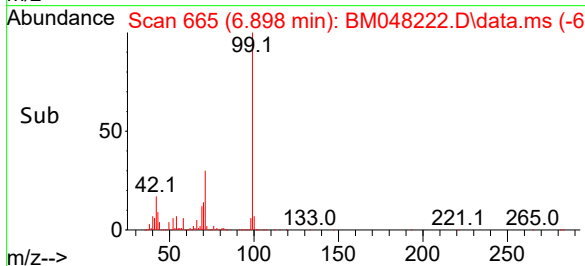
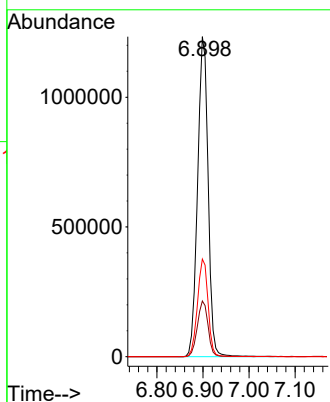
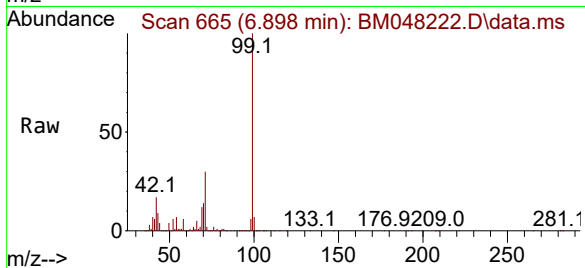
Tgt Ion: 99 Resp: 1960106

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.8

71 30.5 24.9 37.3



#8

2-Chlorophenol

Concen: 8.497 ng

RT: 7.287 min Scan# 731

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

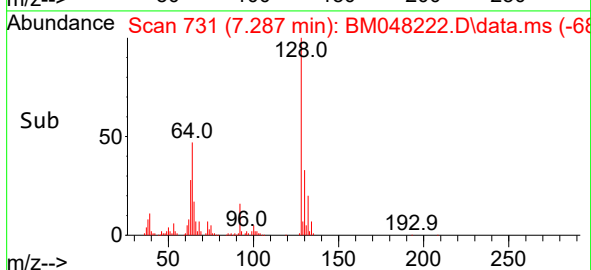
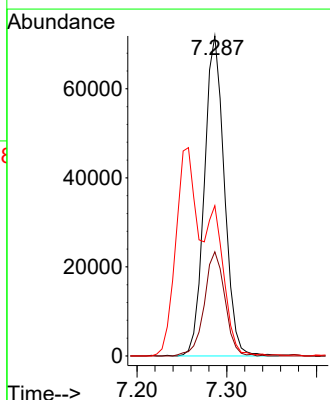
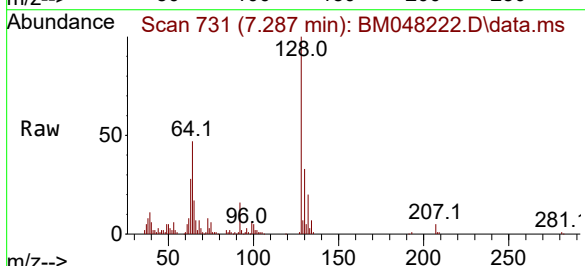
Tgt Ion: 128 Resp: 111305

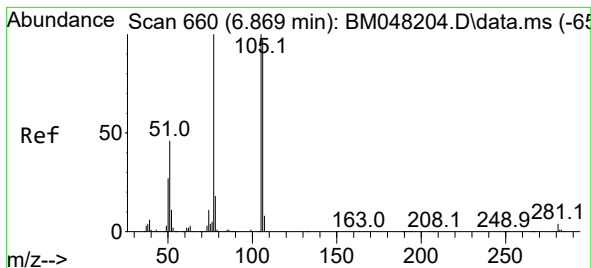
Ion Ratio Lower Upper

128 100

130 32.5 12.1 52.1

64 47.0 23.8 63.8





#9

Benzaldehyde

Concen: 12.095 ng

RT: 6.863 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM048222.D

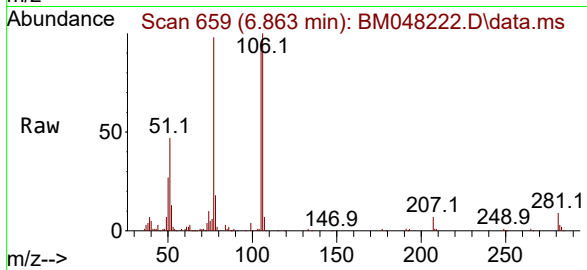
Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



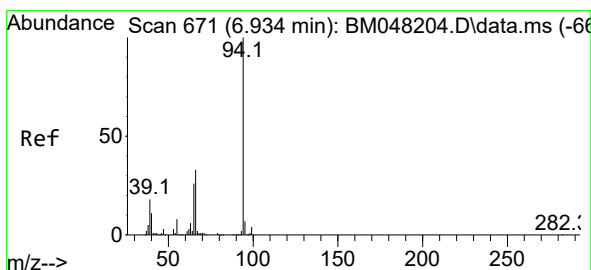
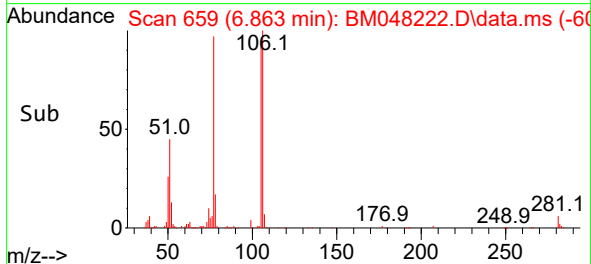
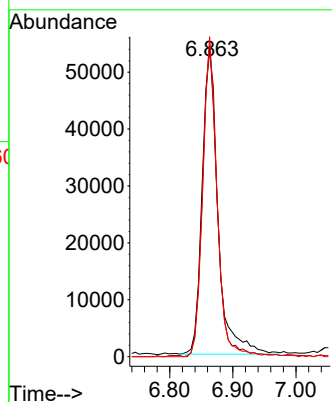
Tgt Ion: 77 Resp: 93313

Ion Ratio Lower Upper

77 100

105 97.5 79.6 119.6

106 102.1 77.0 117.0



#10

Phenol

Concen: 8.347 ng

RT: 6.928 min Scan# 670

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

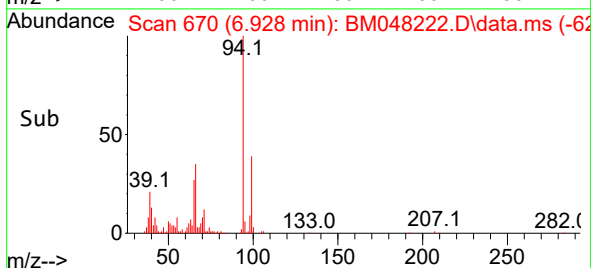
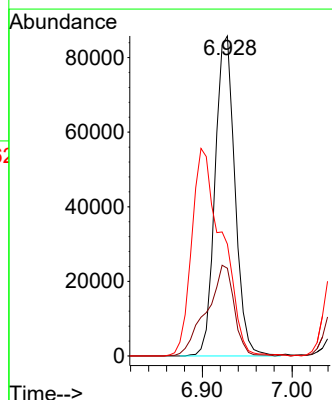
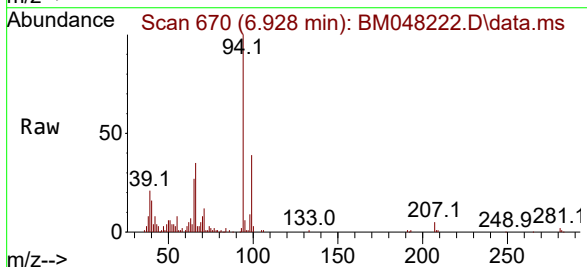
Tgt Ion: 94 Resp: 131873

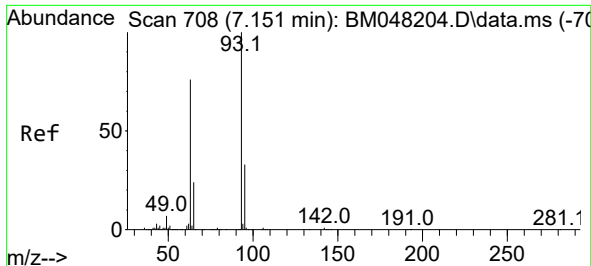
Ion Ratio Lower Upper

94 100

65 27.4 6.5 46.5

66 34.9 13.6 53.6

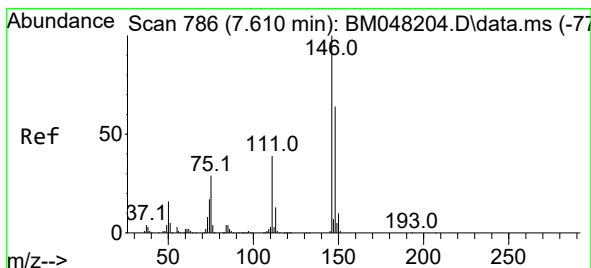
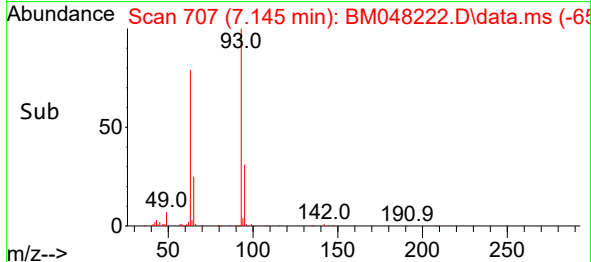
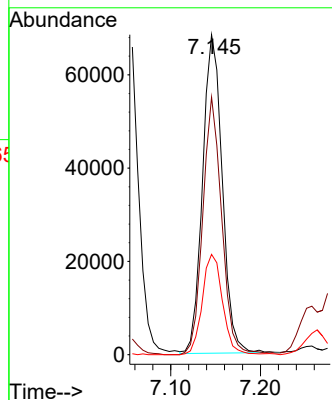
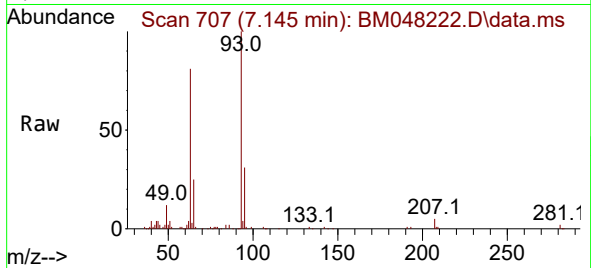




#11  
bis(2-Chloroethyl)ether  
Concen: 8.273 ng  
RT: 7.145 min Scan# 708  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

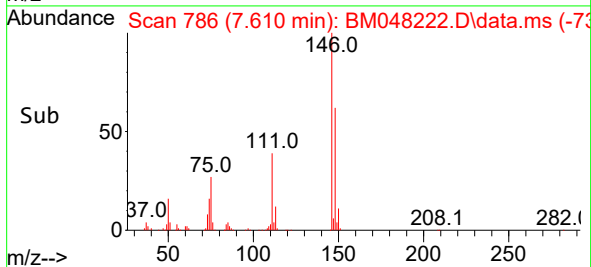
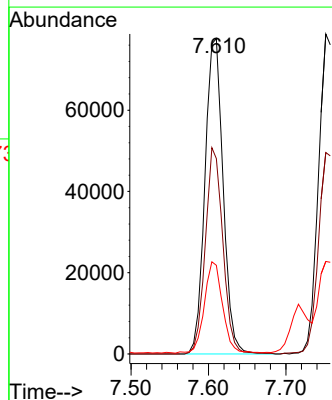
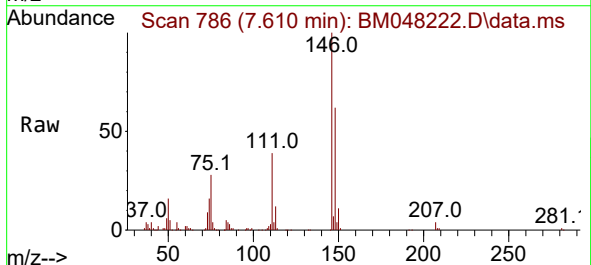
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

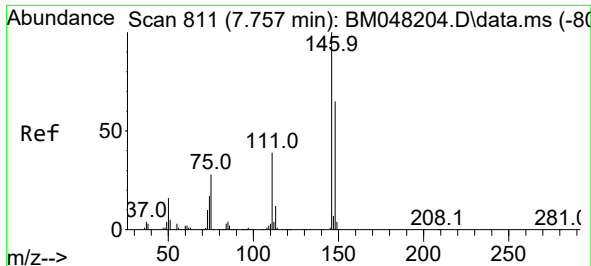
Tgt Ion: 93 Resp: 104103  
Ion Ratio Lower Upper  
93 100  
63 80.5 55.3 95.3  
95 31.4 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 8.355 ng  
RT: 7.610 min Scan# 786  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:146 Resp: 126187  
Ion Ratio Lower Upper  
146 100  
148 61.9 51.0 76.6  
75 28.1 22.9 34.3

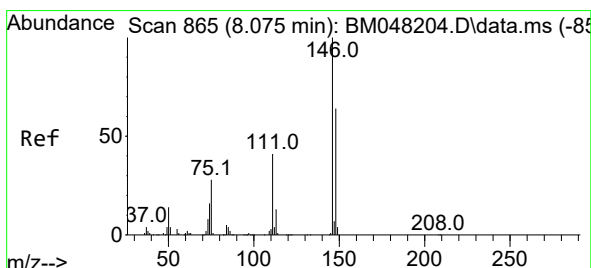
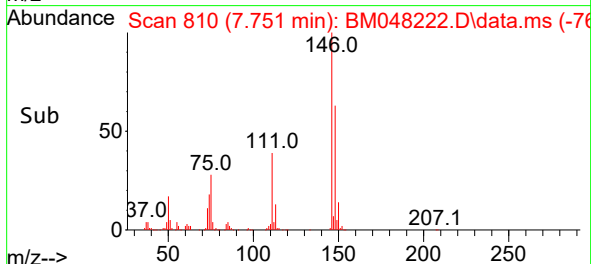
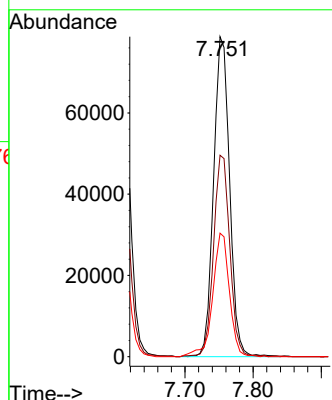
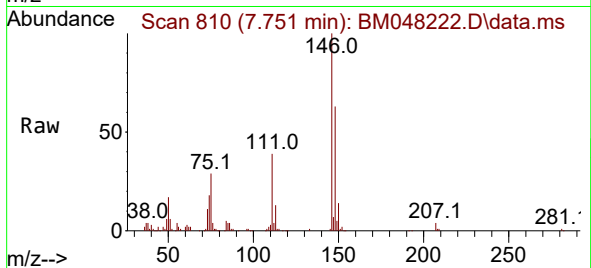




#13  
1,4-Dichlorobenzene  
Concen: 8.398 ng  
RT: 7.751 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

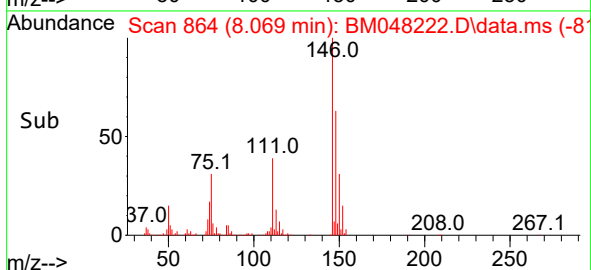
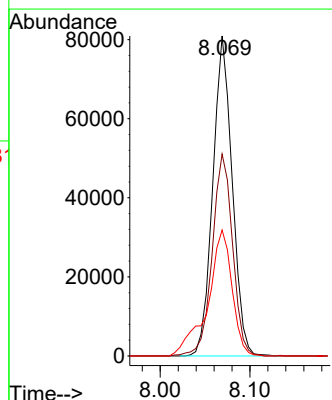
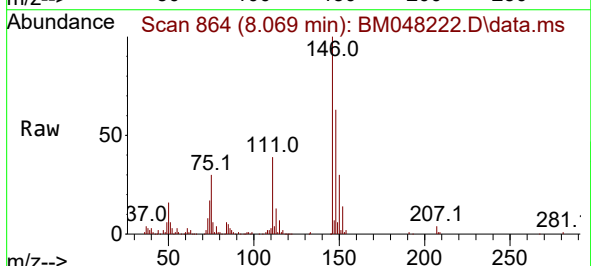
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

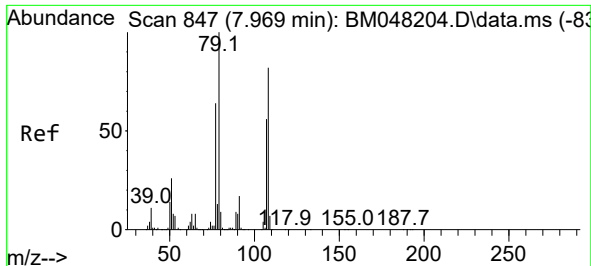
Tgt Ion:146 Resp: 128848  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.7 77.5  
111 38.6 31.4 47.2



#14  
1,2-Dichlorobenzene  
Concen: 8.195 ng  
RT: 8.069 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:146 Resp: 121525  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.3 76.9  
111 39.4 32.7 49.1

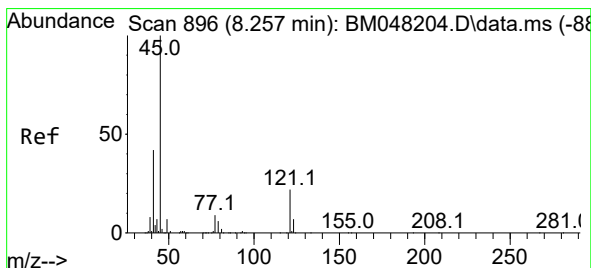
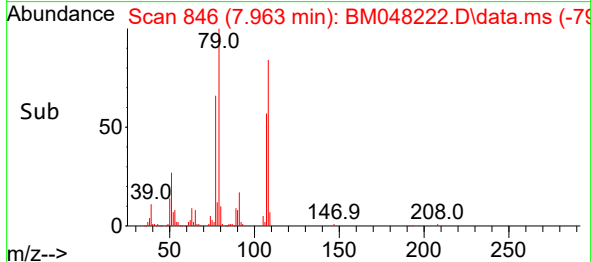
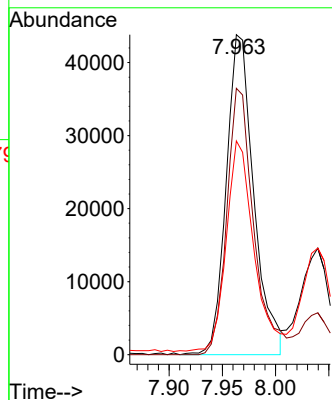
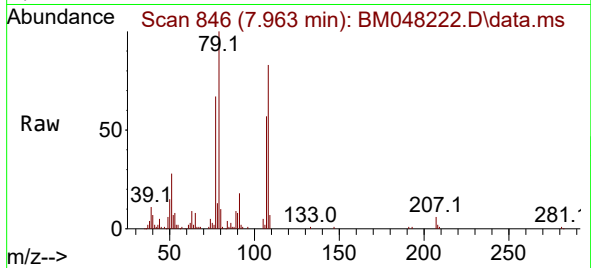




#15  
Benzyl Alcohol  
Concen: 7.885 ng  
RT: 7.963 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

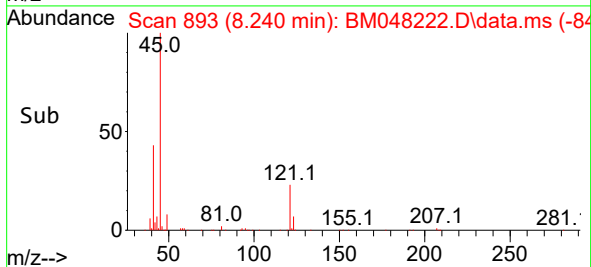
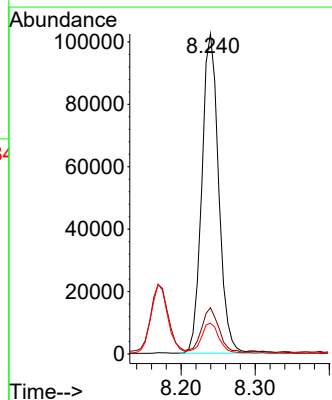
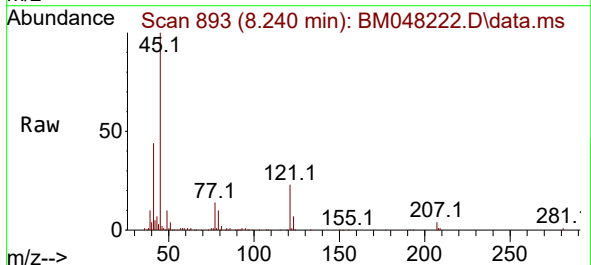
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

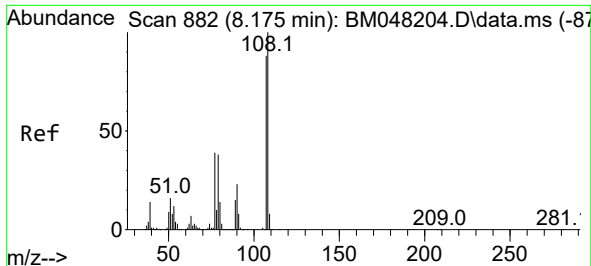
Tgt Ion: 79 Resp: 78995  
Ion Ratio Lower Upper  
79 100  
108 83.3 65.2 97.8  
77 66.8 51.4 77.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 8.795 ng  
RT: 8.240 min Scan# 893  
Delta R.T. -0.017 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion: 45 Resp: 161888  
Ion Ratio Lower Upper  
45 100  
77 14.4 0.0 34.2  
79 9.7 0.0 30.7

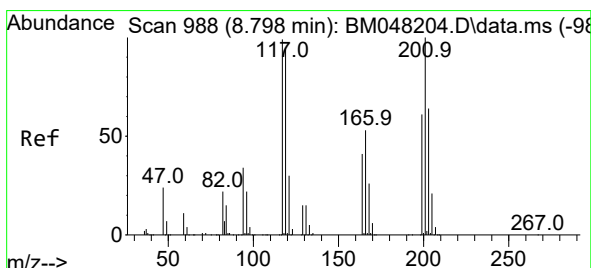
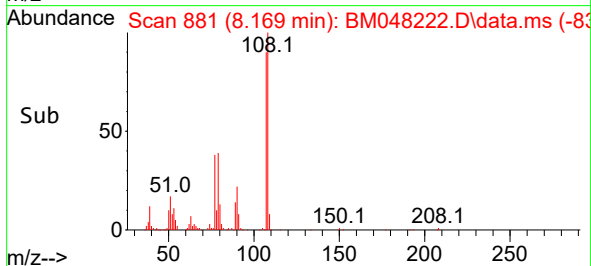
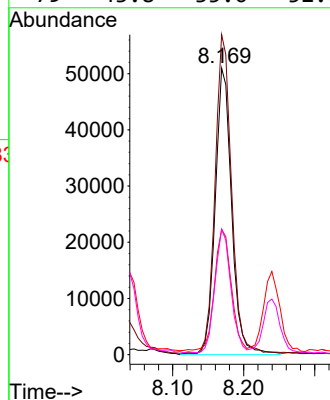
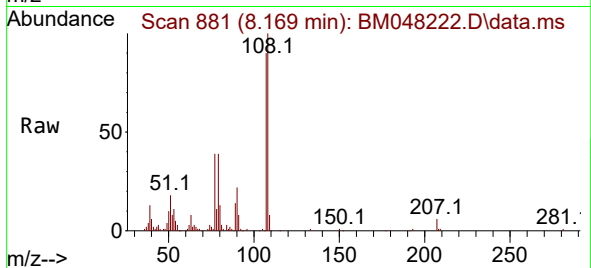




#17  
2-Methylphenol  
Concen: 7.825 ng  
RT: 8.169 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

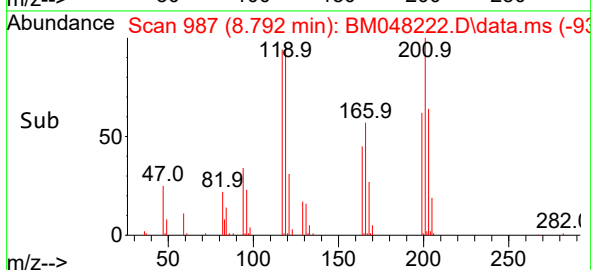
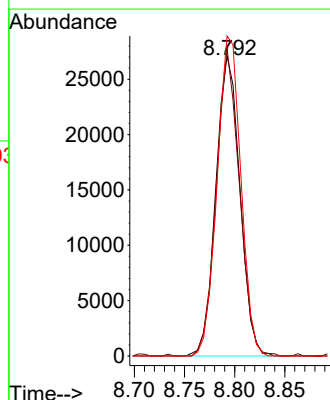
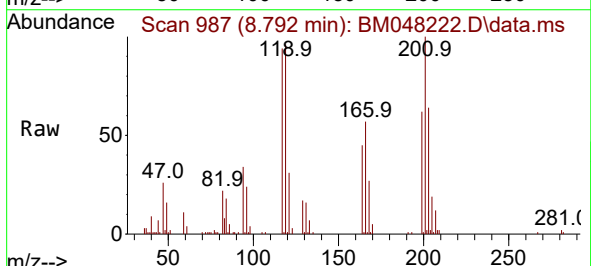
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

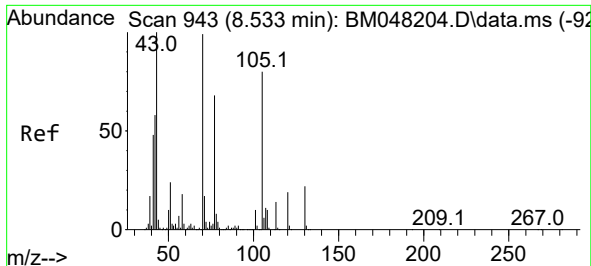
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 82146 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 111.7 | 91.3  | 136.9 |
| 77       | 43.8  | 36.2  | 54.2  |
| 79       | 43.8  | 35.0  | 52.6  |



#18  
Hexachloroethane  
Concen: 8.020 ng  
RT: 8.792 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 45101 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 102.4 | 76.5  | 114.7 |
| 201      | 106.7 | 80.9  | 121.3 |

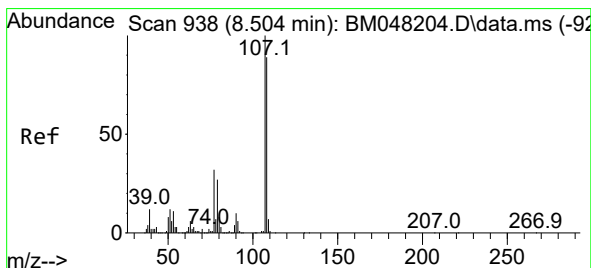
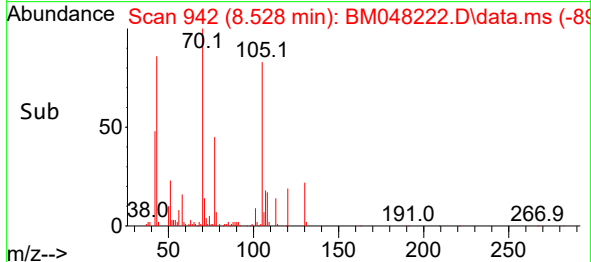
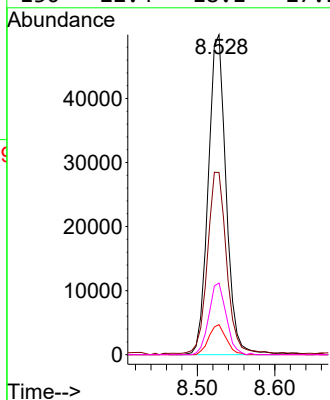
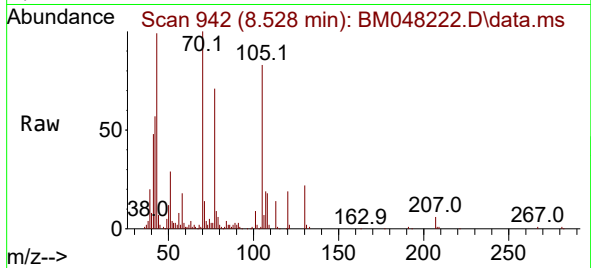




#19  
n-Nitroso-di-n-propylamine  
Concen: 8.061 ng  
RT: 8.528 min Scan# 943  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

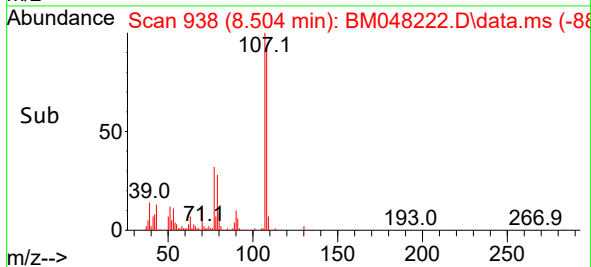
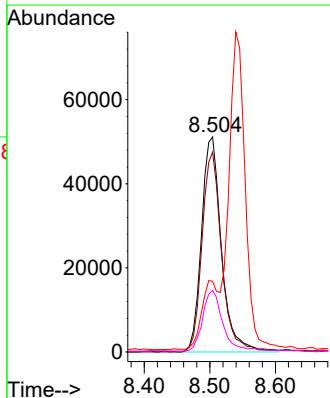
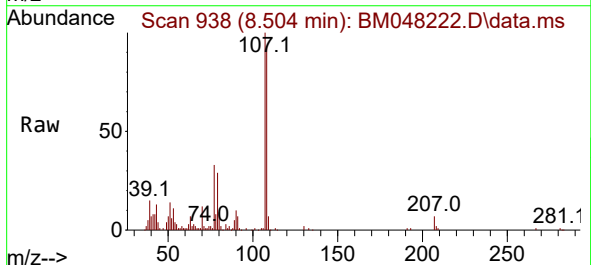
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

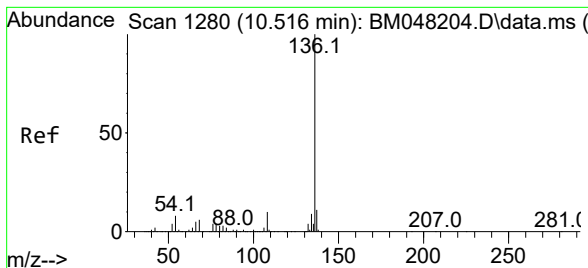
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 80088 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 57.0  | 47.0  | 70.6  |
| 101      | 9.4   | 7.8   | 11.6  |
| 130      | 22.4  | 18.1  | 27.1  |



#20  
3+4-Methylphenols  
Concen: 7.439 ng  
RT: 8.504 min Scan# 938  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 108180 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.9  | 69.0  | 109.0  |
| 77       | 32.9  | 12.3  | 52.3   |
| 79       | 28.7  | 6.9   | 46.9   |

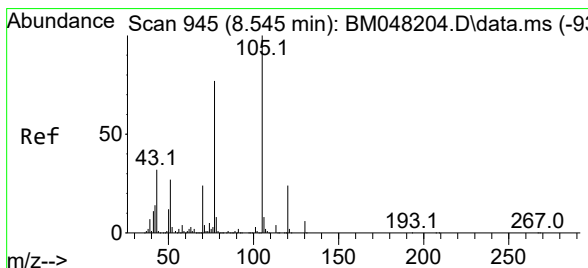
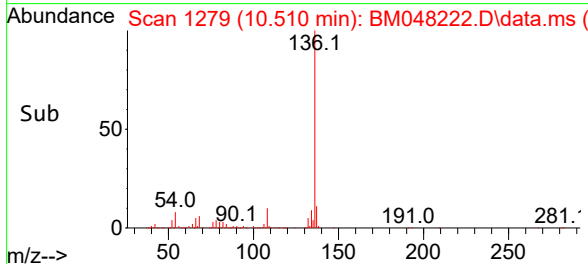
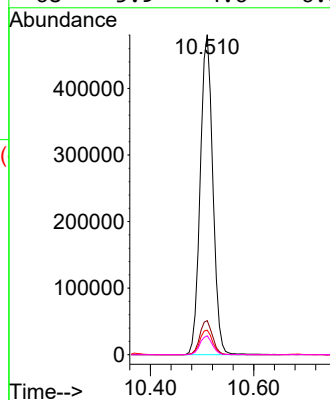
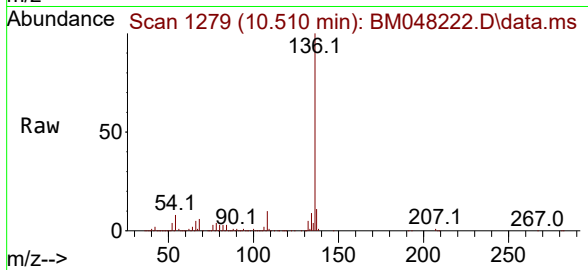




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.510 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

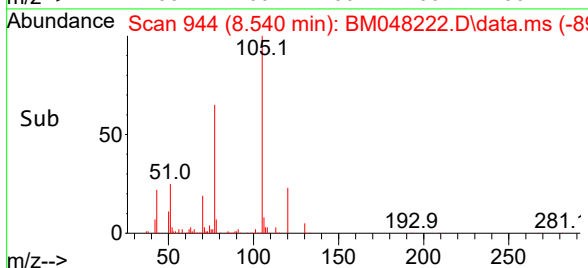
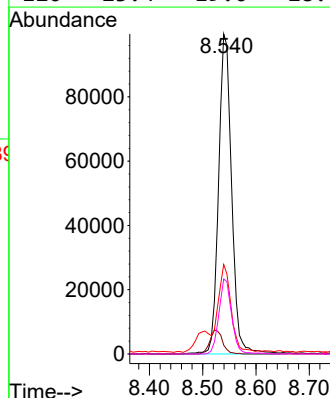
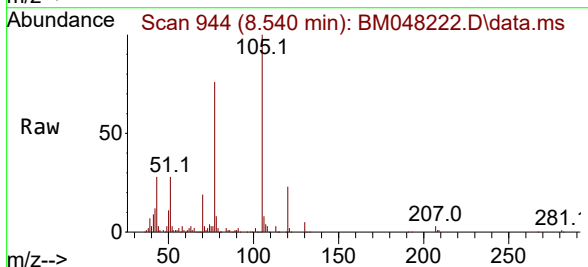
Instrument : BNA\_M  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

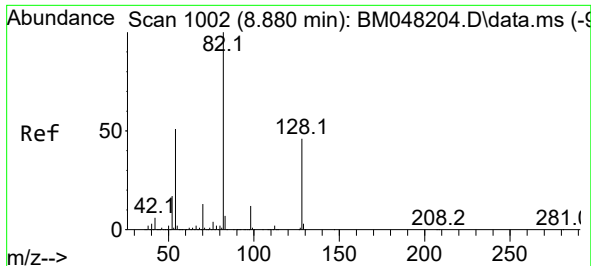
Tgt Ion:136 Resp: 812489  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 7.6 6.5 9.7  
68 5.9 4.6 6.8



#22  
Acetophenone  
Concen: 8.538 ng  
RT: 8.540 min Scan# 944  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:105 Resp: 169301  
Ion Ratio Lower Upper  
105 100  
71 2.8 3.4 5.0#  
51 27.9 21.7 32.5  
120 23.4 19.0 28.4

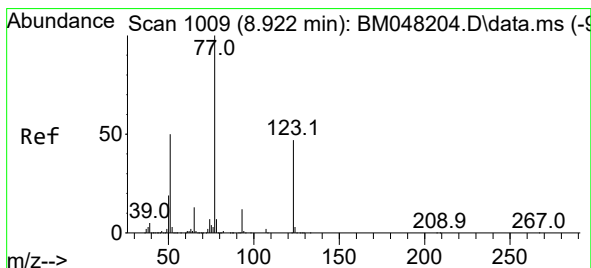
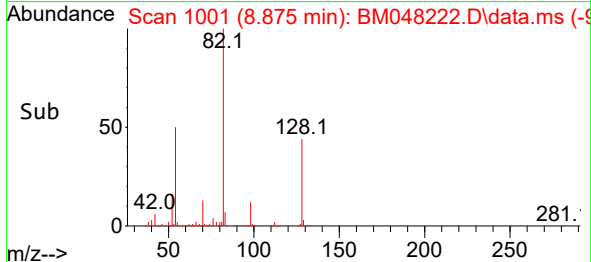
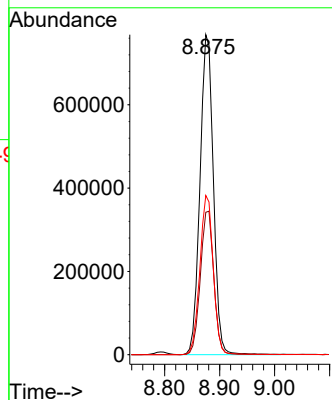
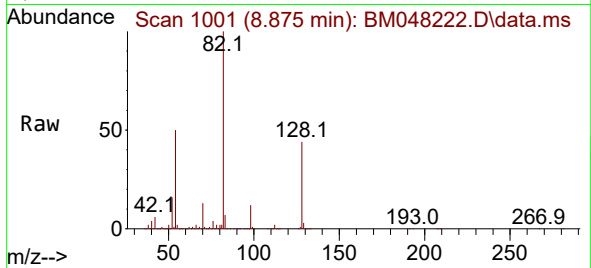




#23  
Nitrobenzene-d5  
Concen: 90.516 ng  
RT: 8.875 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

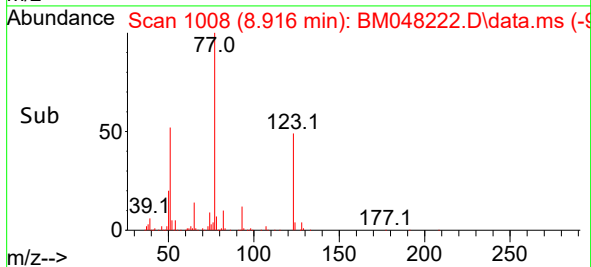
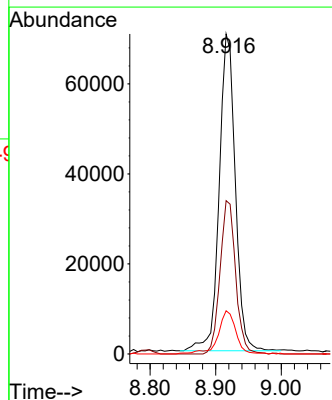
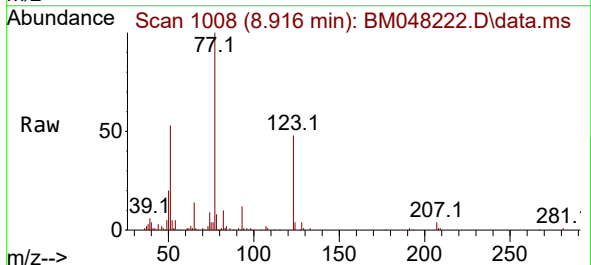
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

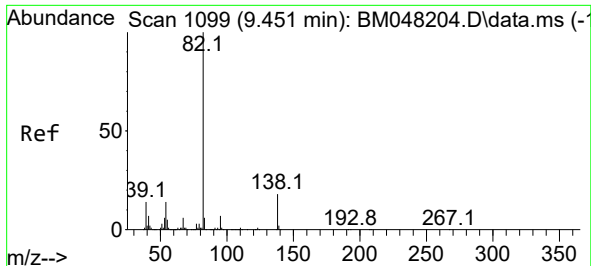
Tgt Ion: 82 Resp: 1302510  
Ion Ratio Lower Upper  
82 100  
128 44.5 36.6 54.8  
54 49.7 41.0 61.4



#24  
Nitrobenzene  
Concen: 8.016 ng  
RT: 8.916 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion: 77 Resp: 119514  
Ion Ratio Lower Upper  
77 100  
123 47.9 37.8 56.6  
65 13.5 10.4 15.6

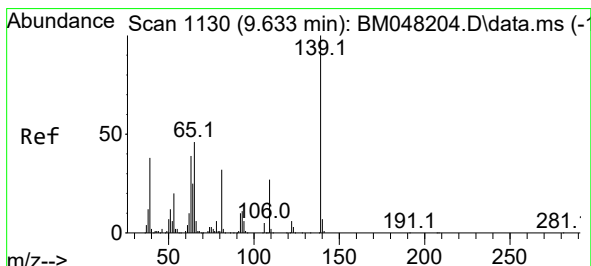
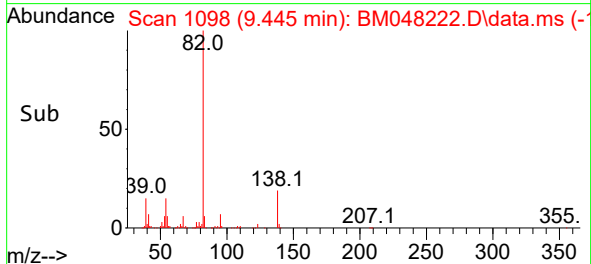
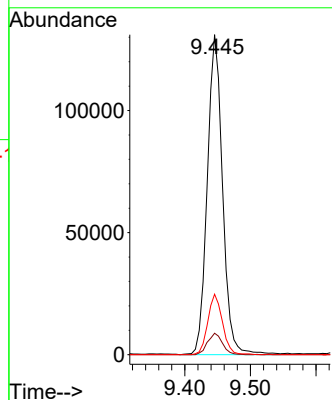
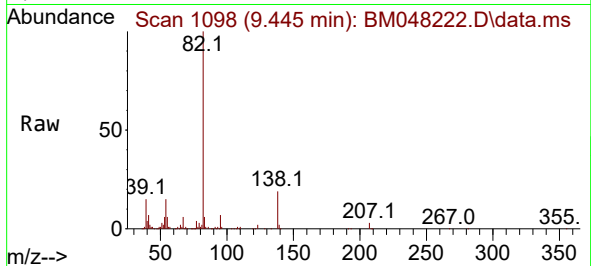




#25  
Isophorone  
Concen: 8.081 ng  
RT: 9.445 min Scan# 1099  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

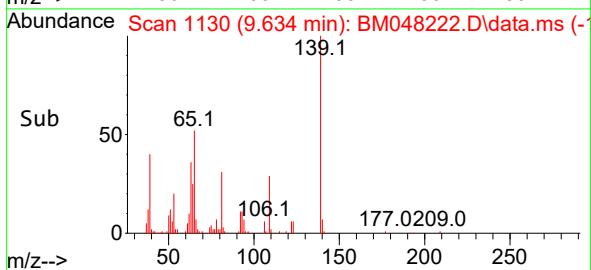
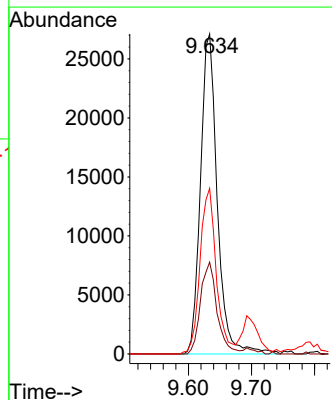
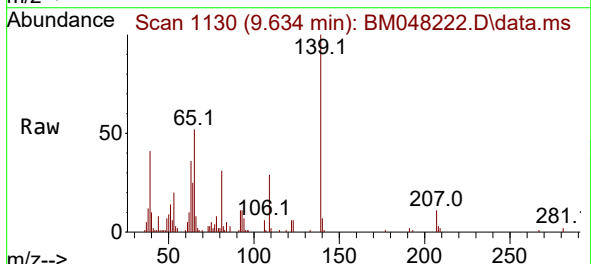
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

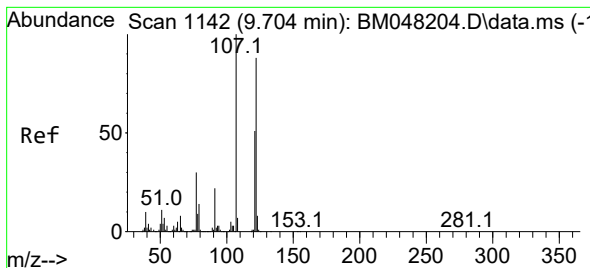
Tgt Ion: 82 Resp: 213151  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.3 7.9  
138 18.9 14.3 21.5



#26  
2-Nitrophenol  
Concen: 7.291 ng  
RT: 9.634 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion: 139 Resp: 50194  
Ion Ratio Lower Upper  
139 100  
109 28.7 21.2 31.8  
65 51.7 36.8 55.2

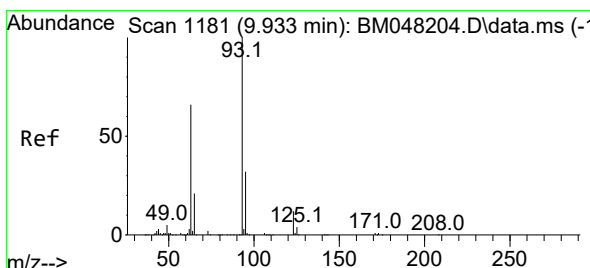
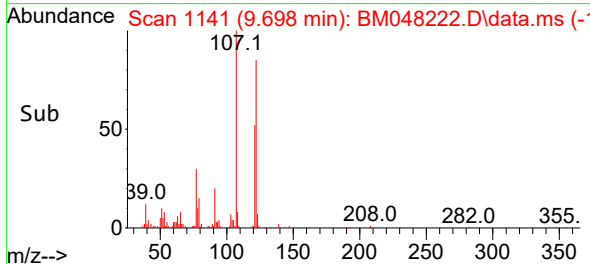
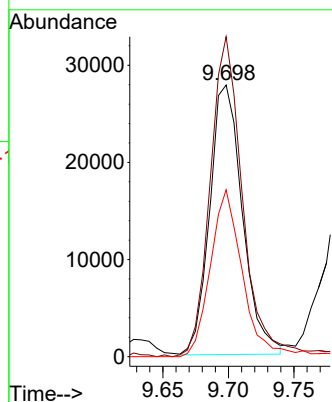
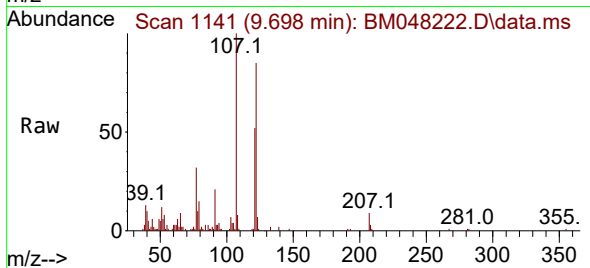




#27  
2,4-Dimethylphenol  
Concen: 5.779 ng  
RT: 9.698 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

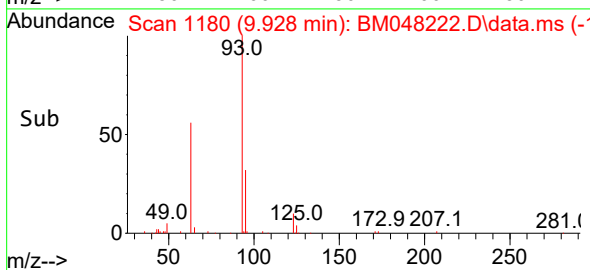
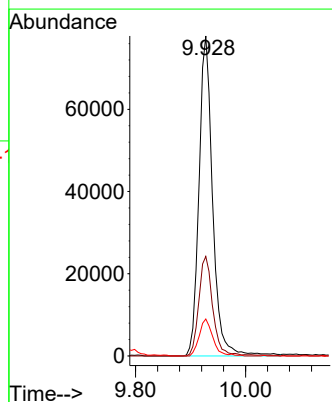
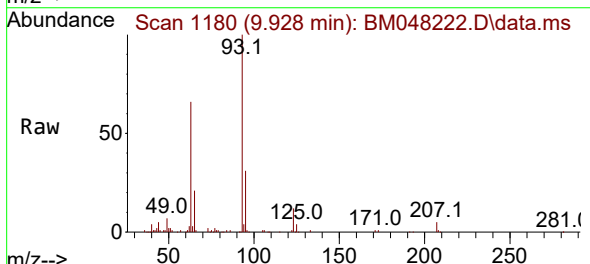
Instrument : BNA\_M  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

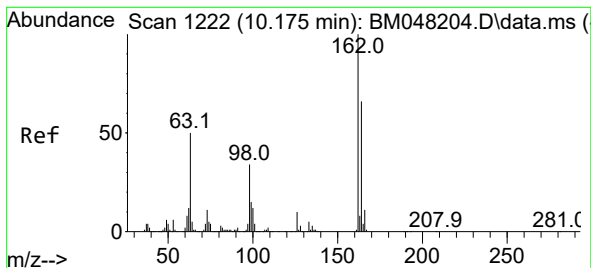
Tgt Ion:122 Resp: 48270  
Ion Ratio Lower Upper  
122 100  
107 117.8 91.0 136.6  
121 61.4 46.1 69.1



#28  
bis(2-Chloroethoxy)methane  
Concen: 8.066 ng  
RT: 9.928 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion: 93 Resp: 134622  
Ion Ratio Lower Upper  
93 100  
95 31.1 25.3 37.9  
123 11.6 9.8 14.6

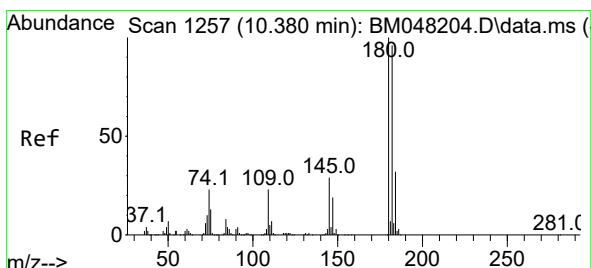
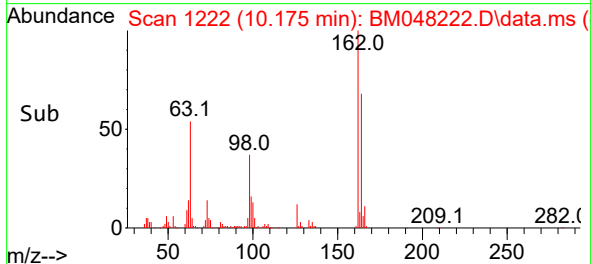
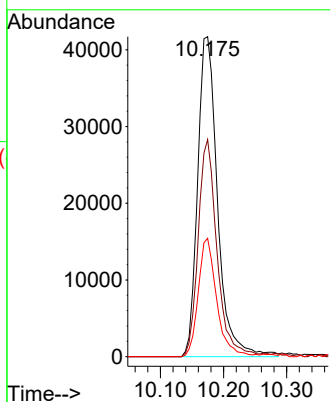
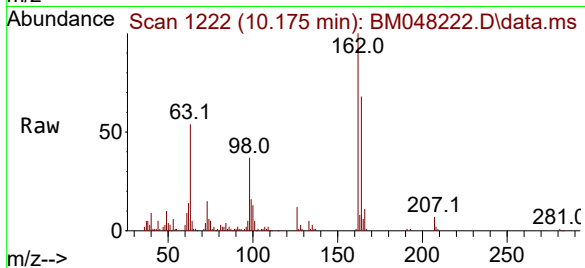




#29  
2,4-Dichlorophenol  
Concen: 7.611 ng  
RT: 10.175 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

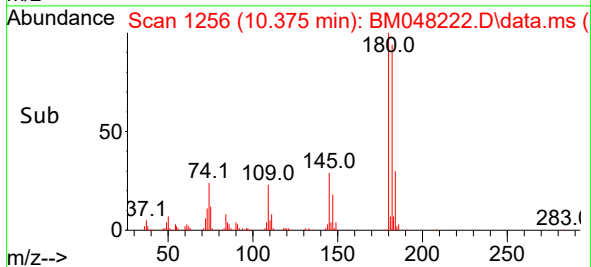
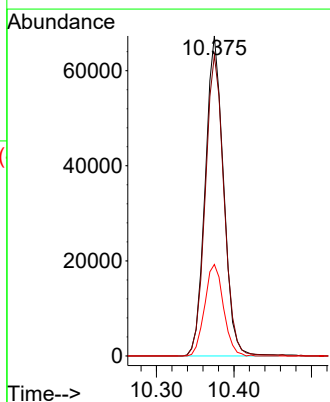
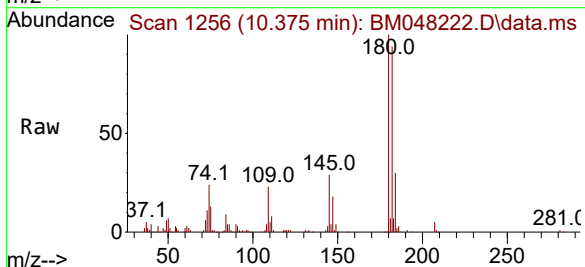
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

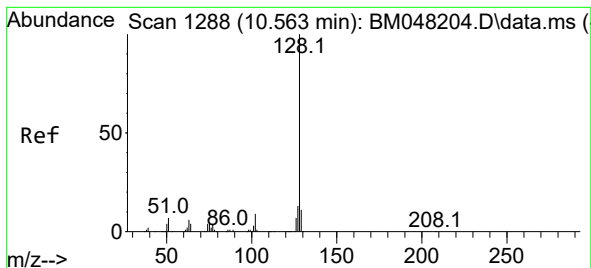
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.8  | 46.0  | 86.0  |
| 98      | 37.0  | 14.4  | 54.4  |



#30  
1,2,4-Trichlorobenzene  
Concen: 7.996 ng  
RT: 10.375 min Scan# 1256  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.0  | 76.6  | 115.0 |
| 145     | 28.6  | 23.4  | 35.2  |





#31

Naphthalene

Concen: 8.073 ng

RT: 10.557 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

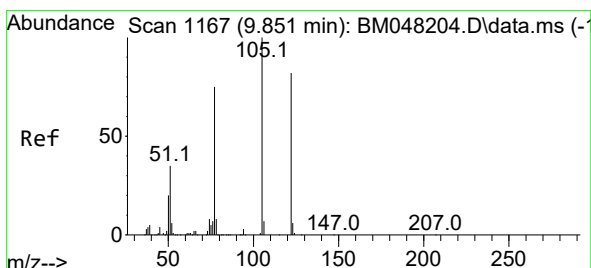
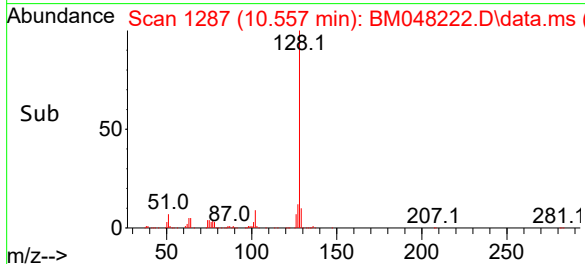
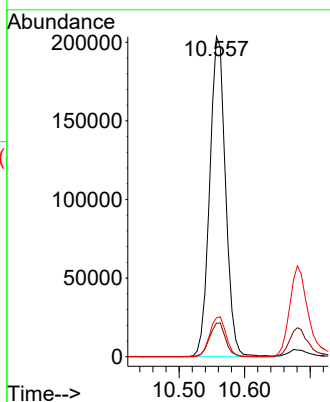
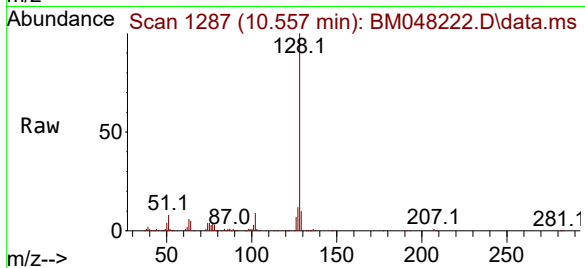
Tgt Ion:128 Resp: 342084

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

127 12.2 10.2 15.2



#32

Benzoic acid

Concen: 4.737 ng

RT: 9.792 min Scan# 1157

Delta R.T. -0.059 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

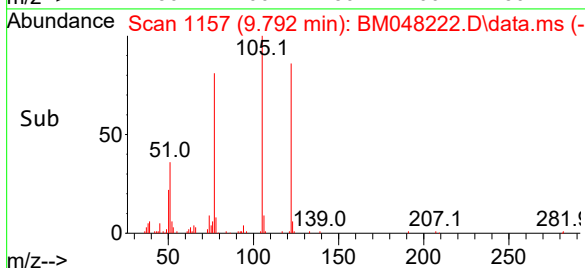
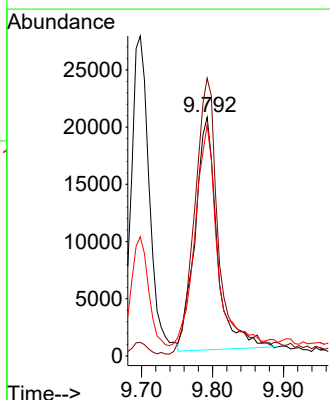
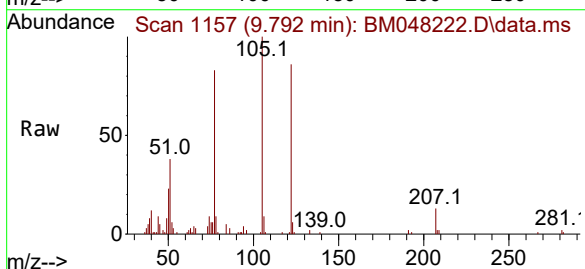
Tgt Ion:122 Resp: 44040

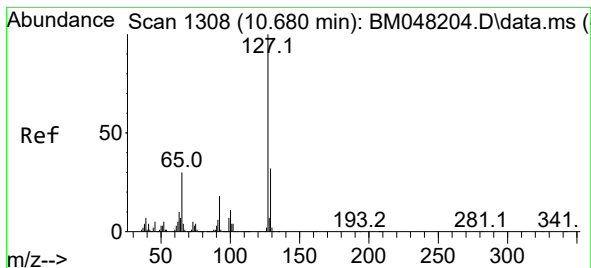
Ion Ratio Lower Upper

122 100

105 116.4 99.3 139.3

77 96.8 70.4 110.4





#33

4-Chloroaniline

Concen: 8.758 ng

RT: 10.681 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:127 Resp: 120369

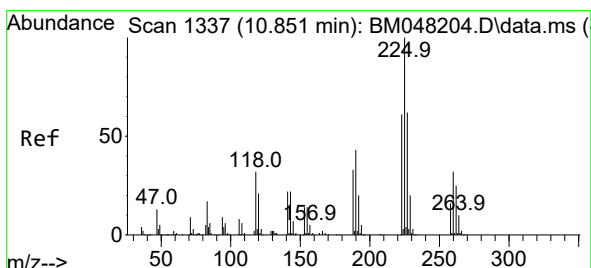
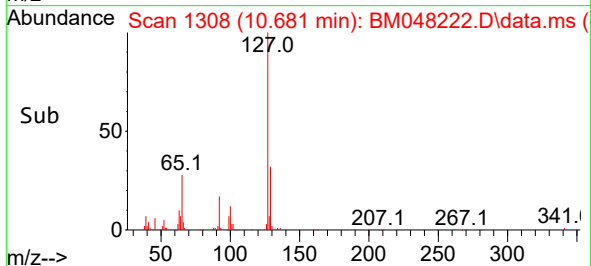
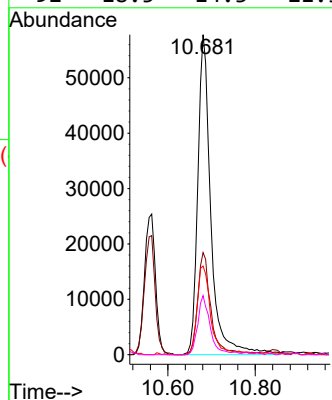
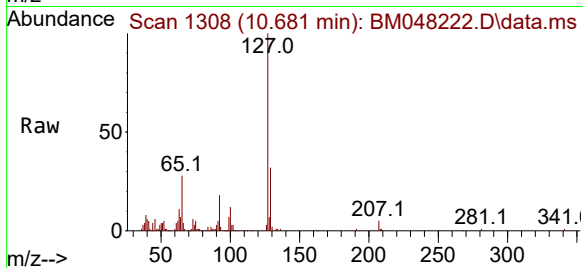
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.6

65 27.7 23.7 35.5

92 18.5 14.3 21.5



#34

Hexachlorobutadiene

Concen: 7.800 ng

RT: 10.845 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

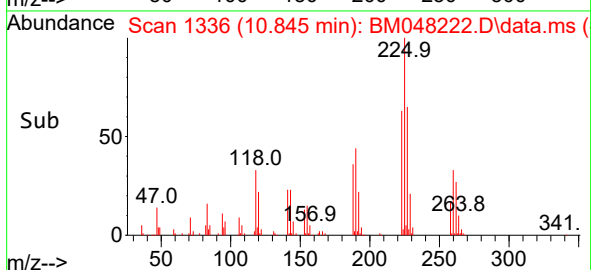
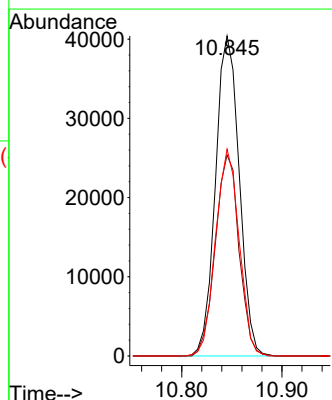
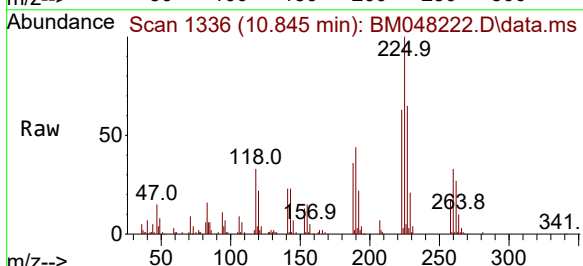
Tgt Ion:225 Resp: 66521

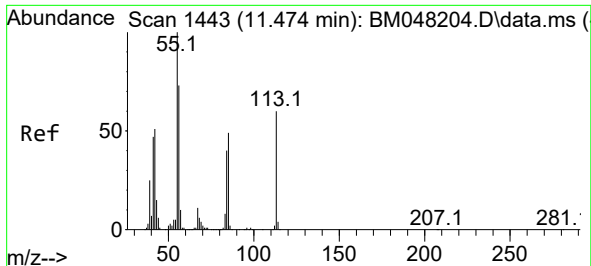
Ion Ratio Lower Upper

225 100

223 62.8 48.6 73.0

227 64.6 49.6 74.4

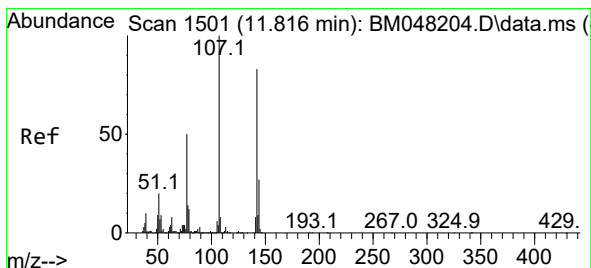
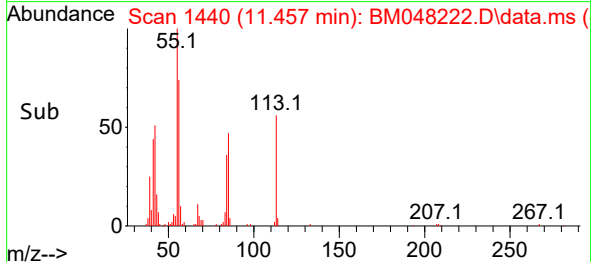
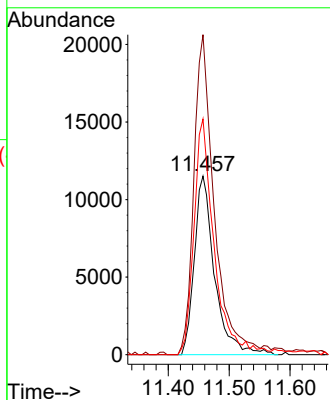
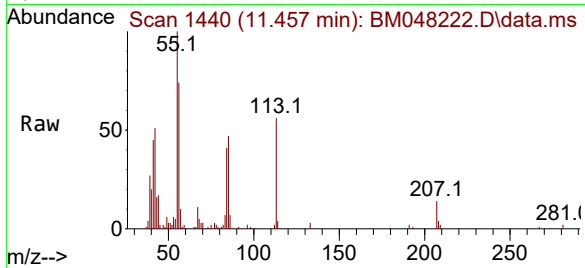




#35  
Caprolactam  
Concen: 6.816 ng  
RT: 11.457 min Scan# 14  
Delta R.T. -0.017 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

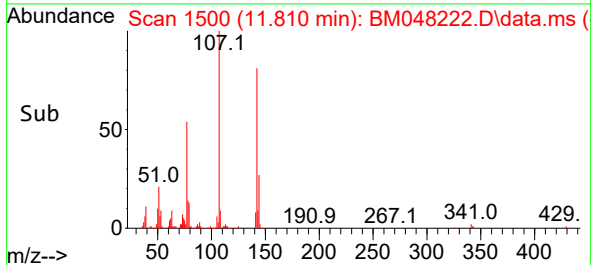
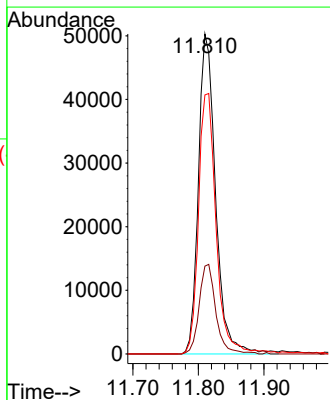
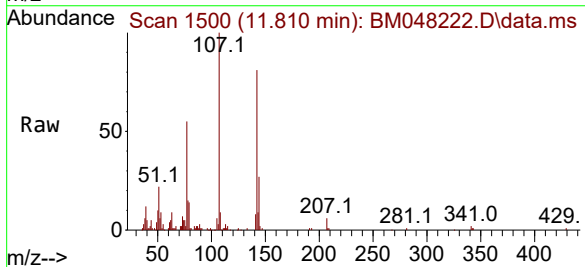
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

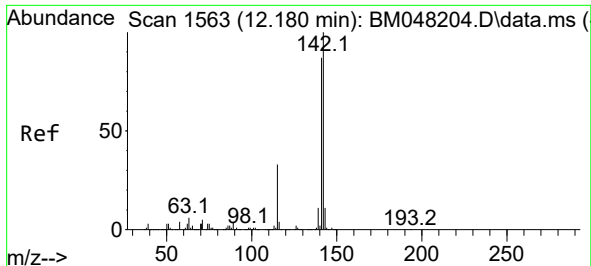
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 179.3 | 146.1 | 186.1 |
| 56      | 132.1 | 101.9 | 141.9 |



#36  
4-Chloro-3-methylphenol  
Concen: 7.348 ng  
RT: 11.810 min Scan# 1500  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.4  | 21.5  | 32.3  |
| 142     | 80.9  | 66.8  | 100.2 |





#37

2-Methylnaphthalene

Concen: 7.933 ng

RT: 12.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

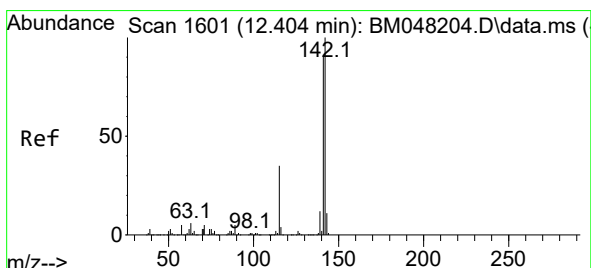
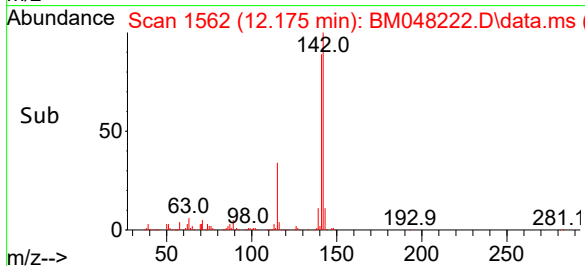
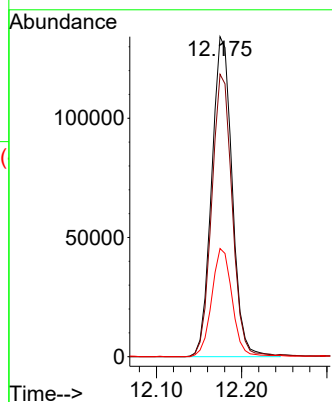
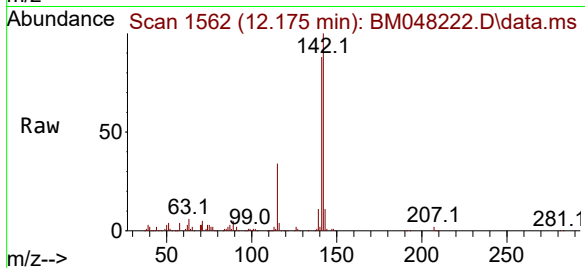
Tgt Ion:142 Resp: 224599

Ion Ratio Lower Upper

142 100

141 88.2 69.8 104.6

115 33.8 26.3 39.5



#38

1-Methylnaphthalene

Concen: 7.649 ng

RT: 12.398 min Scan# 1600

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

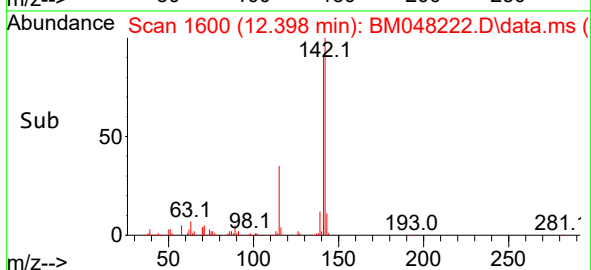
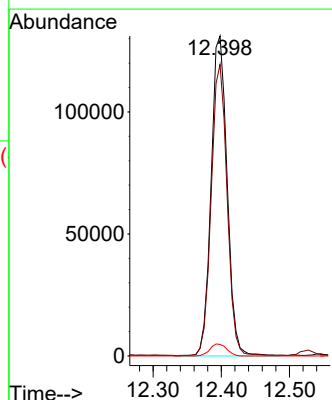
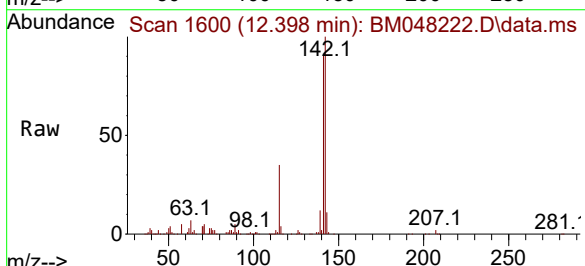
Tgt Ion:142 Resp: 214744

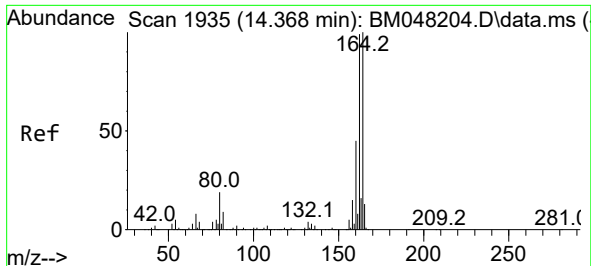
Ion Ratio Lower Upper

142 100

141 91.1 72.7 109.1

116 3.6 2.9 4.3

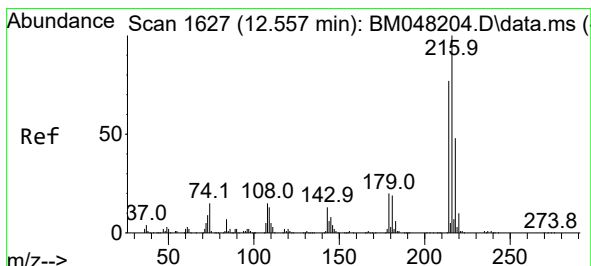
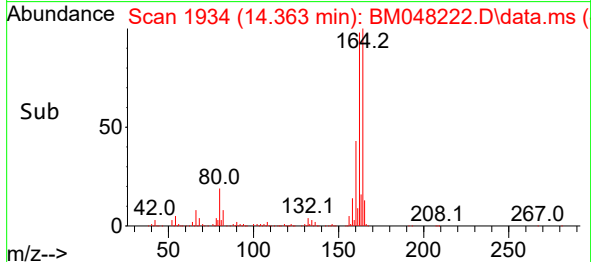
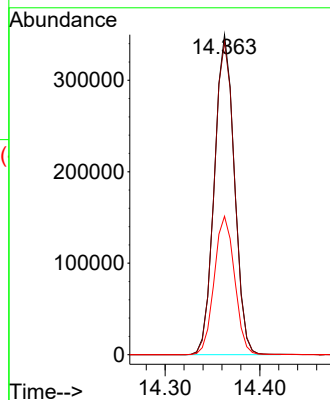
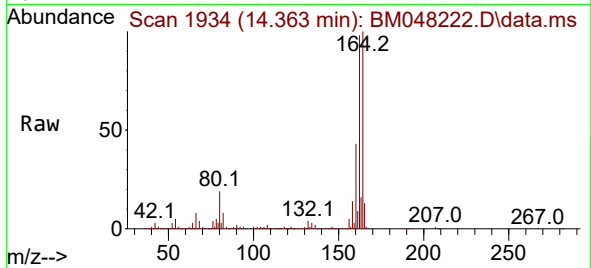




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.363 min Scan# 1934  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

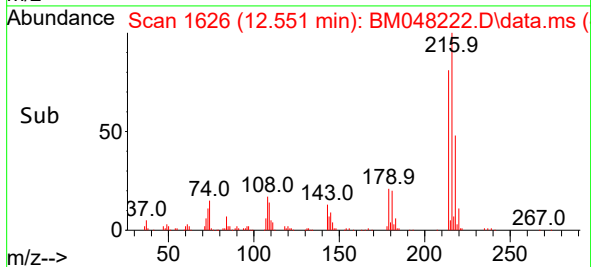
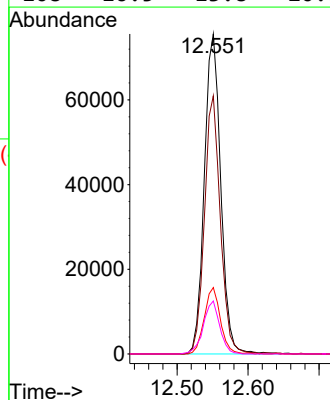
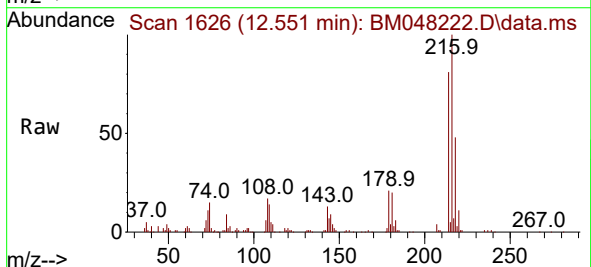
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

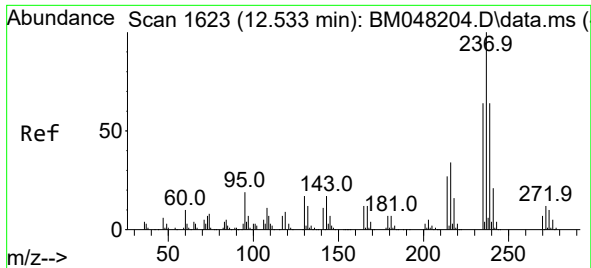
Tgt Ion:164 Resp: 512546  
Ion Ratio Lower Upper  
164 100  
162 97.8 79.1 118.7  
160 43.2 35.8 53.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 8.307 ng  
RT: 12.551 min Scan# 1626  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:216 Resp: 121696  
Ion Ratio Lower Upper  
216 100  
214 78.1 62.2 93.2  
179 20.5 16.0 24.0  
108 16.5 13.8 20.8

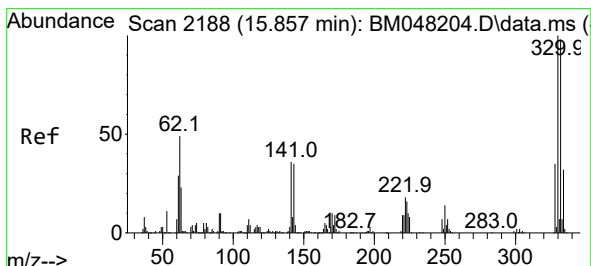
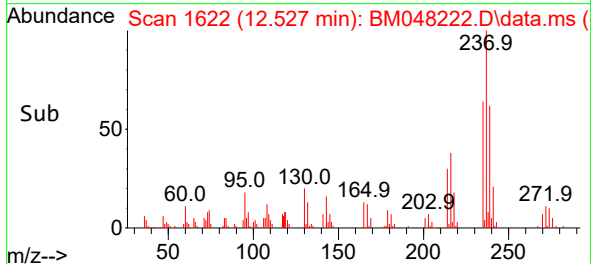
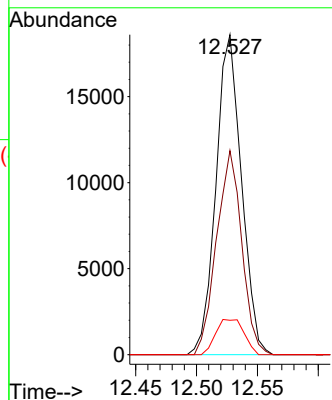
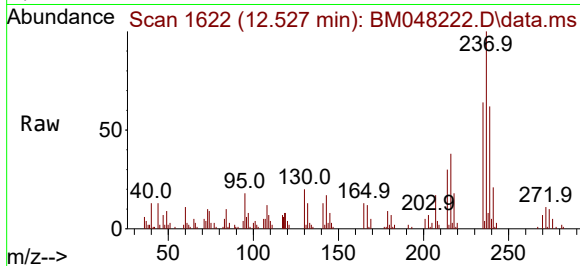




#41  
Hexachlorocyclopentadiene  
Concen: 5.471 ng  
RT: 12.527 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

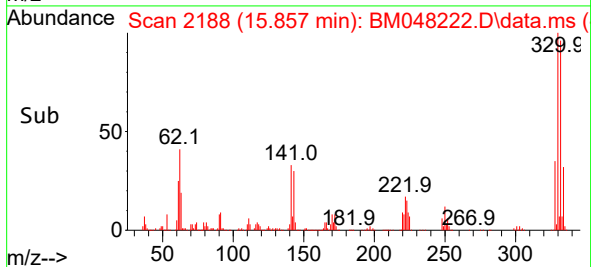
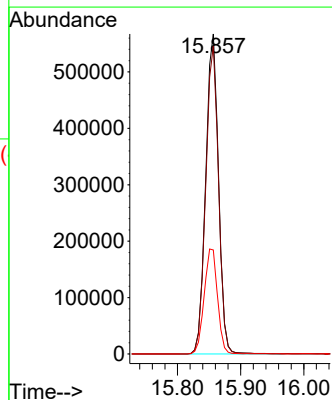
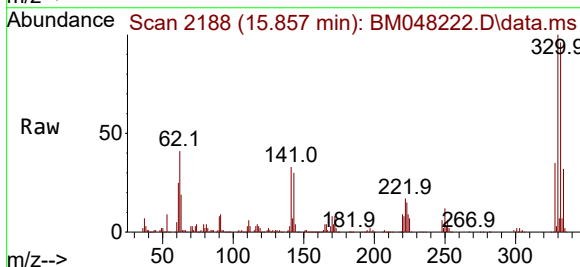
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

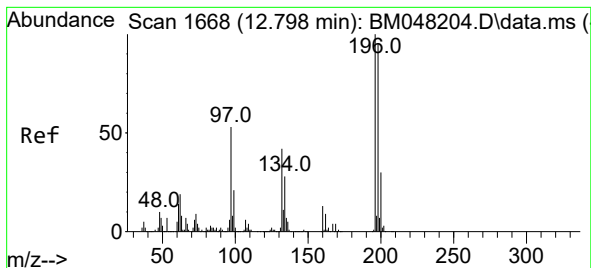
Tgt Ion:237 Resp: 27120  
Ion Ratio Lower Upper  
237 100  
235 63.7 44.2 84.2  
272 10.7 0.0 32.4



#42  
2,4,6-Tribromophenol  
Concen: 127.346 ng  
RT: 15.857 min Scan# 2188  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:330 Resp: 798921  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.5 116.3  
141 34.2 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 7.538 ng

RT: 12.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

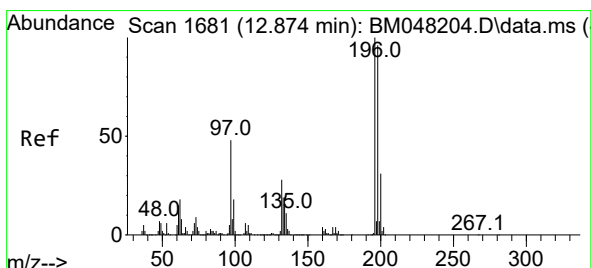
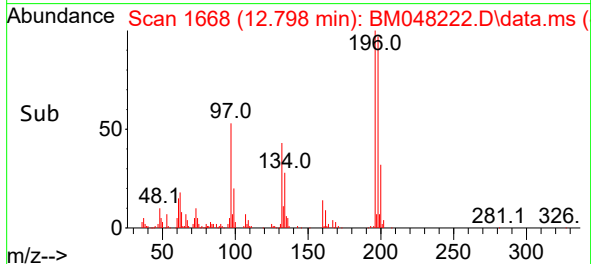
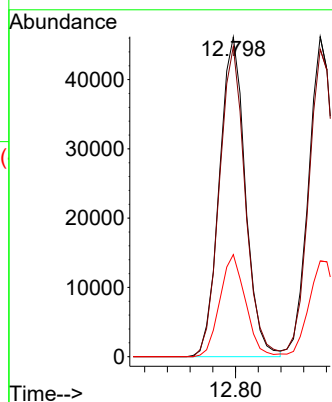
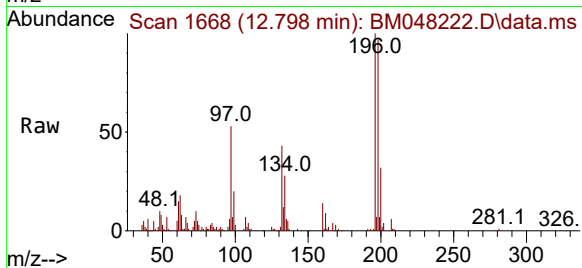
Tgt Ion:196 Resp: 73285

Ion Ratio Lower Upper

196 100

198 97.0 76.2 114.2

200 31.9 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 7.295 ng

RT: 12.875 min Scan# 1681

Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Tgt Ion:196 Resp: 79088

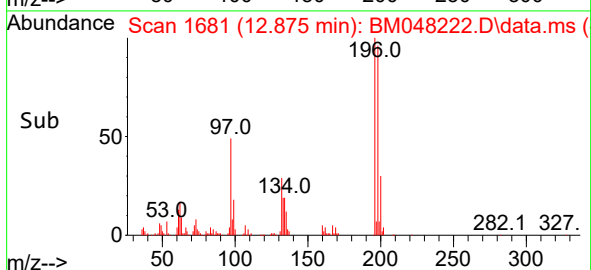
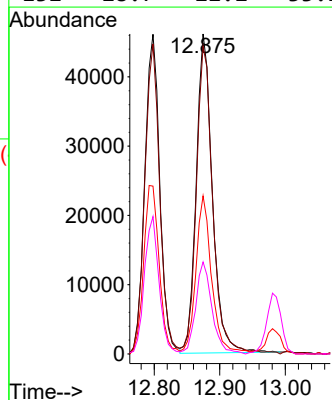
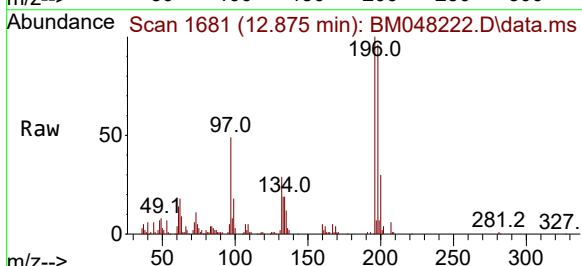
Ion Ratio Lower Upper

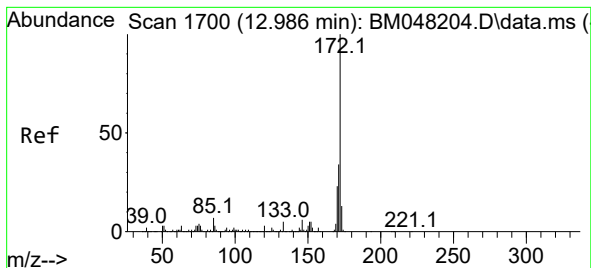
196 100

198 96.1 76.7 115.1

97 49.4 38.5 57.7

132 28.7 22.2 33.2





#45

2-Fluorobiphenyl

Concen: 87.884 ng

RT: 12.986 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

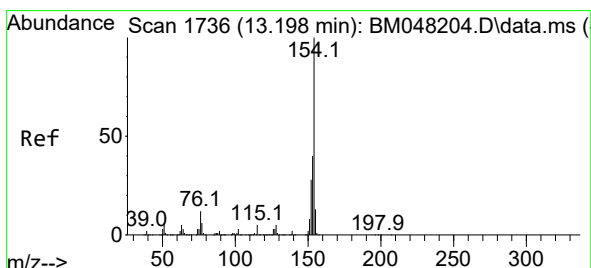
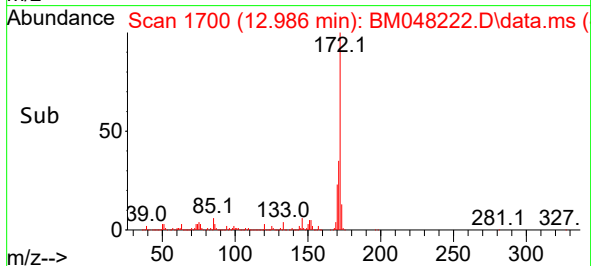
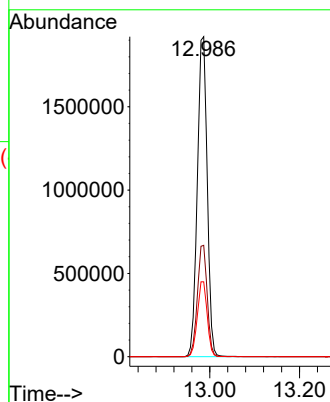
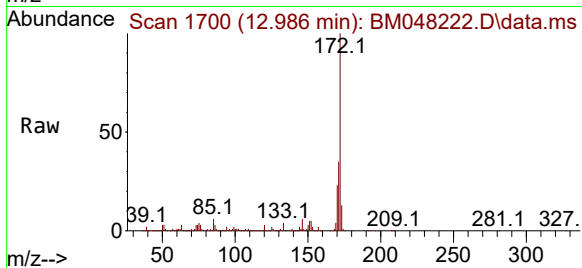
Tgt Ion:172 Resp: 2935457

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.4 18.5 27.7



#46

1,1'-Biphenyl

Concen: 8.485 ng

RT: 13.192 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

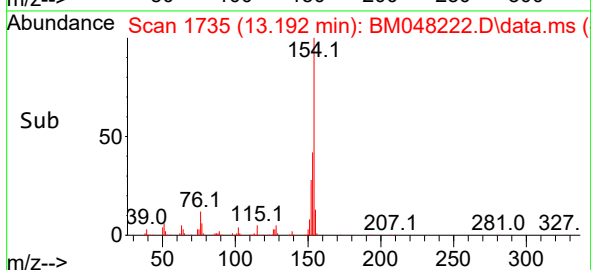
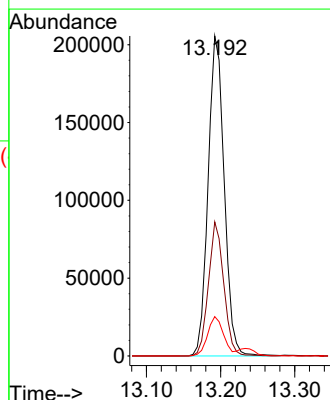
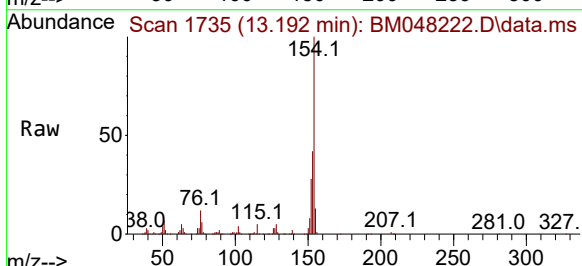
Tgt Ion:154 Resp: 310499

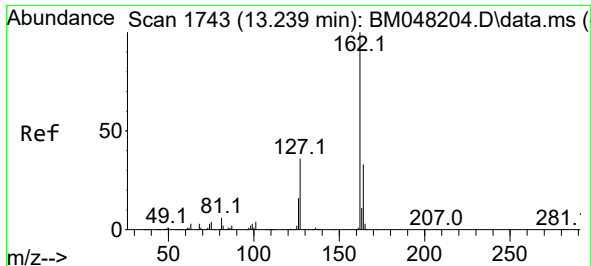
Ion Ratio Lower Upper

154 100

153 41.9 19.9 59.9

76 12.3 0.0 32.4

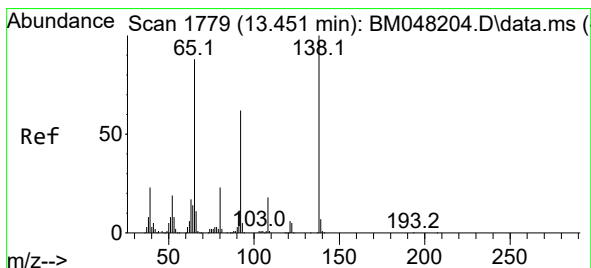
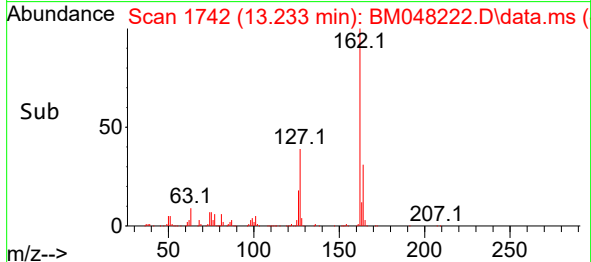
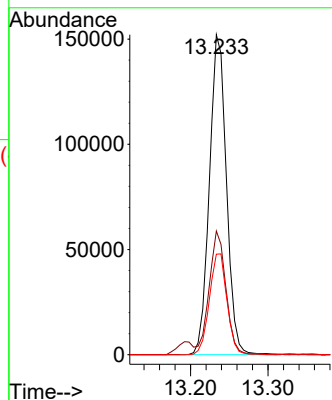
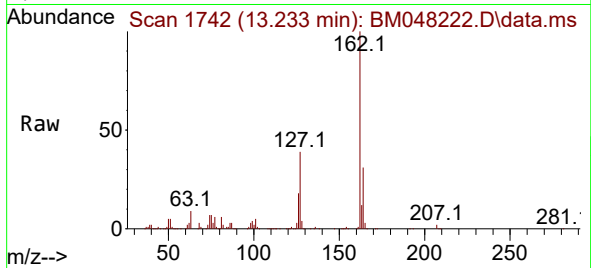




#47  
2-Chloronaphthalene  
Concen: 8.037 ng  
RT: 13.233 min Scan# 1743  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

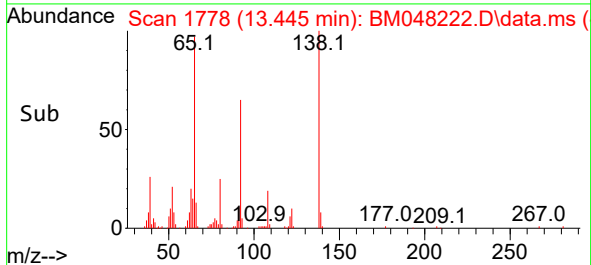
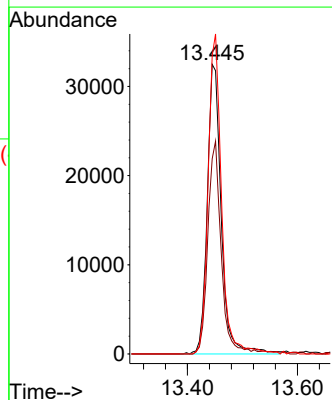
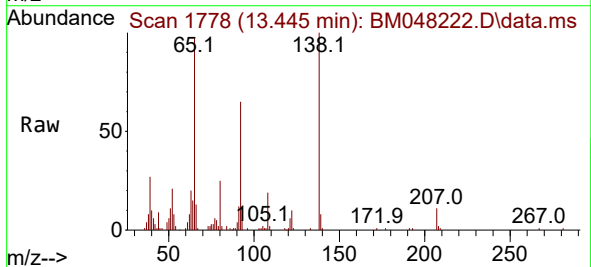
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

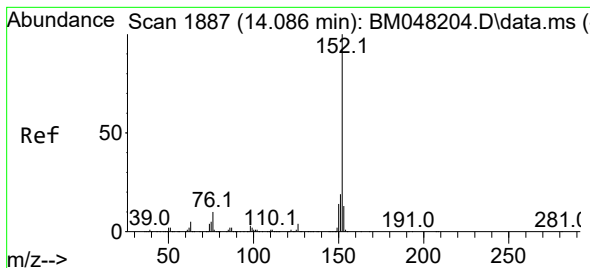
Tgt Ion:162 Resp: 231906  
Ion Ratio Lower Upper  
162 100  
127 38.7 31.0 46.6  
164 31.4 26.2 39.4



#48  
2-Nitroaniline  
Concen: 7.333 ng  
RT: 13.445 min Scan# 1778  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion: 65 Resp: 57390  
Ion Ratio Lower Upper  
65 100  
92 67.4 56.0 84.0  
138 103.0 90.8 136.2





#49

Acenaphthylene

Concen: 8.635 ng

RT: 14.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

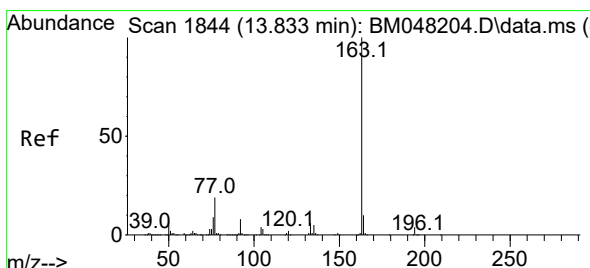
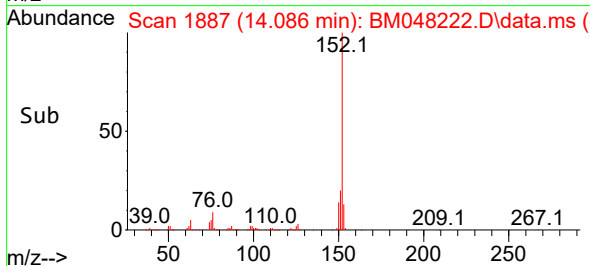
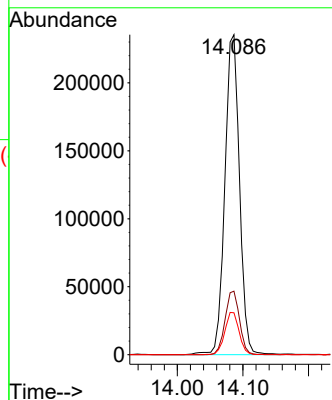
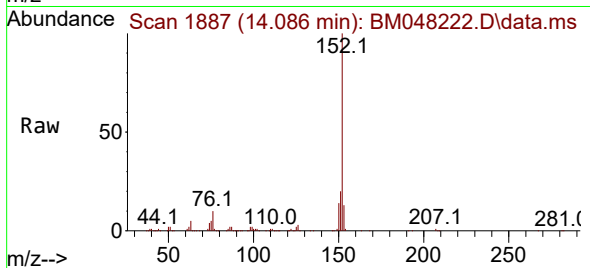
Tgt Ion:152 Resp: 363477

Ion Ratio Lower Upper

152 100

151 19.8 15.4 23.2

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 7.976 ng

RT: 13.822 min Scan# 1842

Delta R.T. -0.012 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

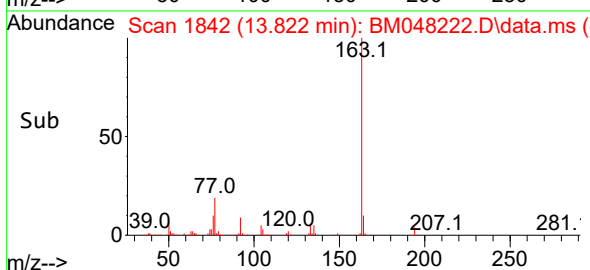
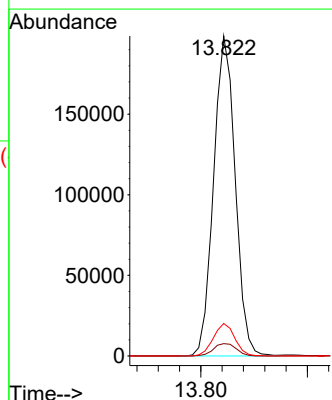
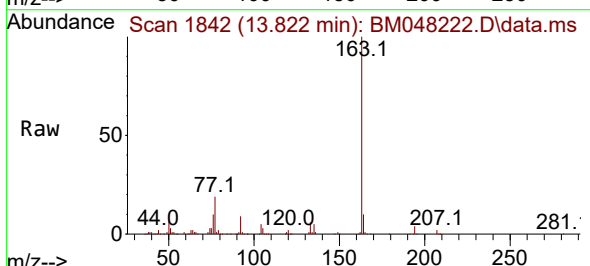
Tgt Ion:163 Resp: 279095

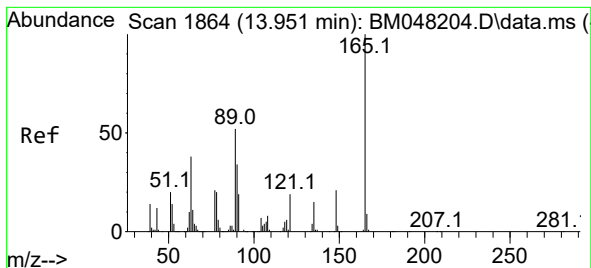
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 7.8 11.6

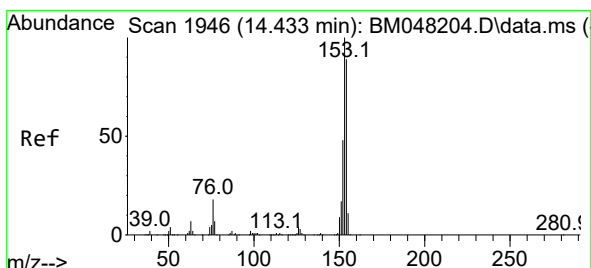
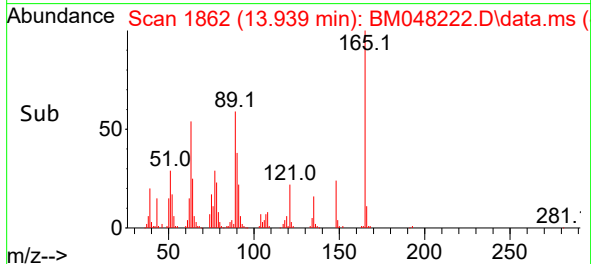
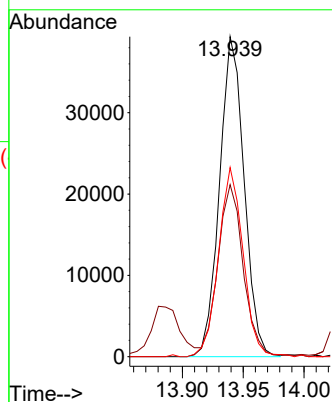
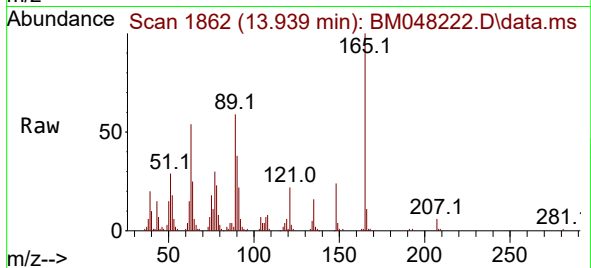




#51  
2,6-Dinitrotoluene  
Concen: 7.100 ng  
RT: 13.939 min Scan# 1862  
Delta R.T. -0.012 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

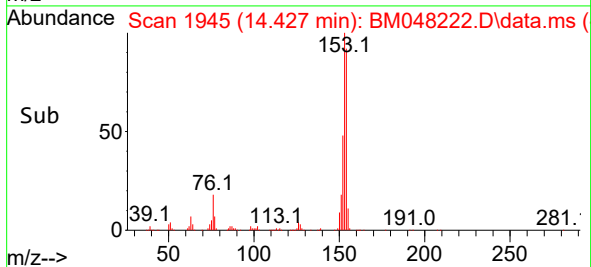
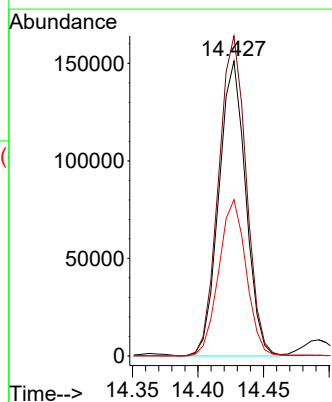
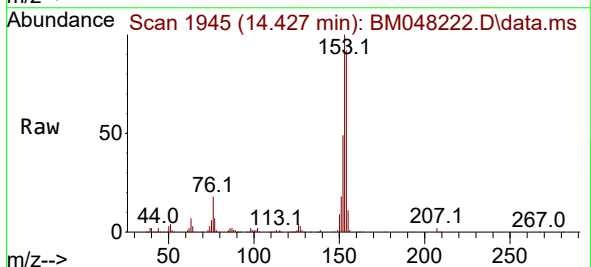
Instrument : BNA\_M  
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

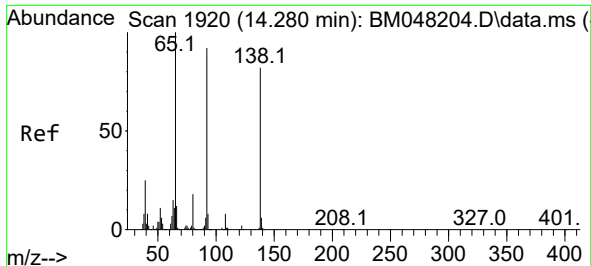
Tgt Ion:165 Resp: 55428  
Ion Ratio Lower Upper  
165 100  
63 53.8 39.5 59.3  
89 59.1 41.8 62.6



#52  
Acenaphthene  
Concen: 8.044 ng  
RT: 14.427 min Scan# 1945  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:154 Resp: 215151  
Ion Ratio Lower Upper  
154 100  
153 108.5 90.4 135.6  
152 53.0 43.6 65.4

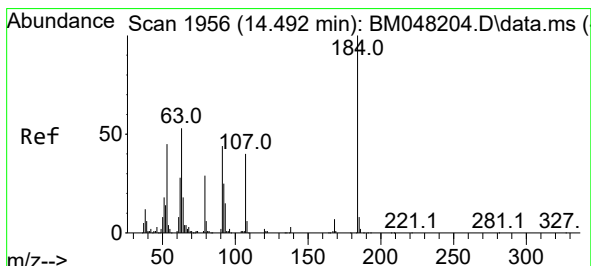
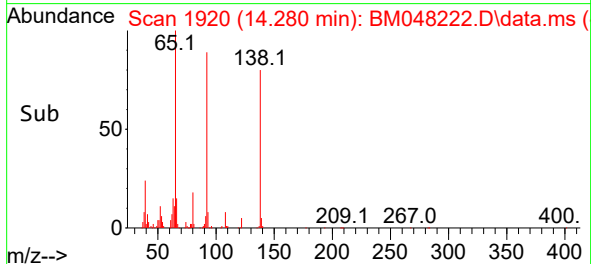
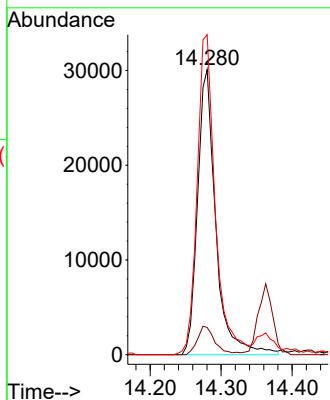
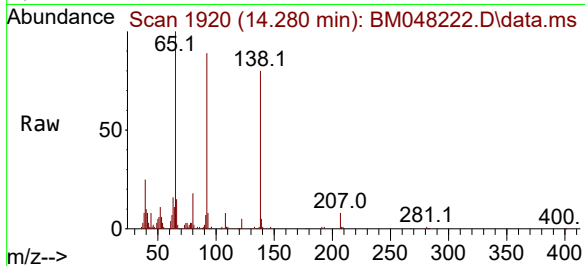




#53  
3-Nitroaniline  
Concen: 7.304 ng  
RT: 14.280 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

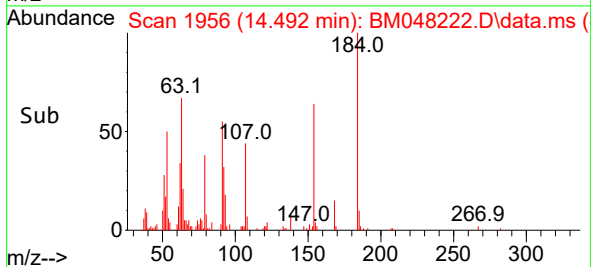
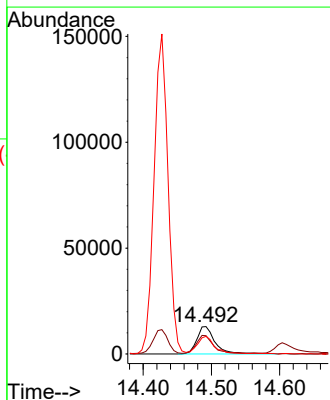
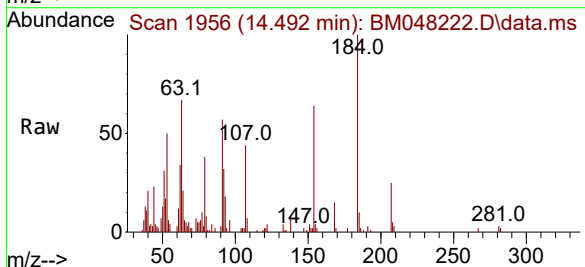
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

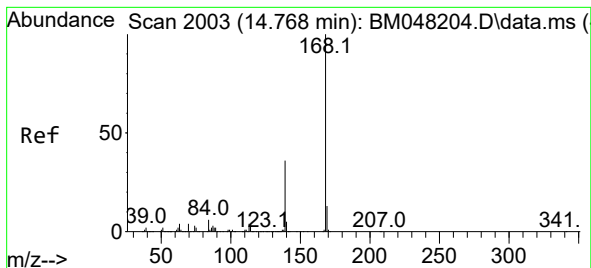
Tgt Ion:138 Resp: 53778  
Ion Ratio Lower Upper  
138 100  
108 9.6 7.5 11.3  
92 112.2 89.7 134.5



#54  
2,4-Dinitrophenol  
Concen: 5.277 ng  
RT: 14.492 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:184 Resp: 24077  
Ion Ratio Lower Upper  
184 100  
63 66.9 47.2 70.8  
154 64.4 46.0 69.0





#55

Dibenzofuran

Concen: 8.294 ng

RT: 14.763 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

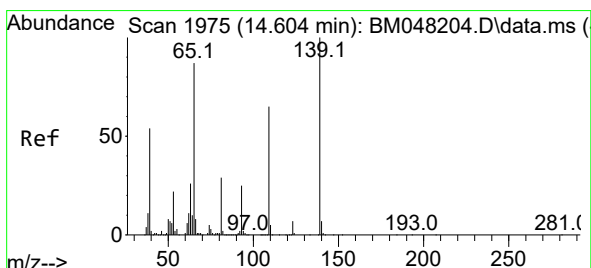
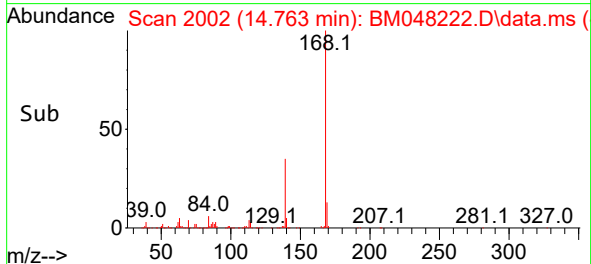
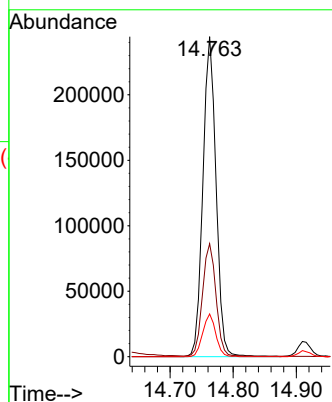
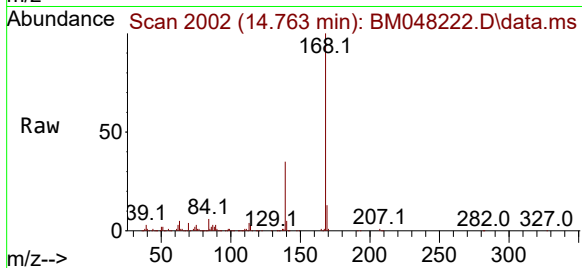
Tgt Ion:168 Resp: 352467

Ion Ratio Lower Upper

168 100

139 35.3 29.0 43.6

169 13.4 10.4 15.6



#56

4-Nitrophenol

Concen: 5.778 ng

RT: 14.604 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

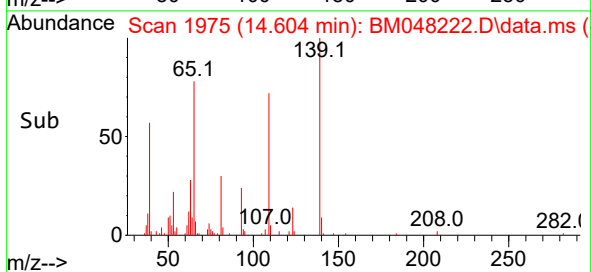
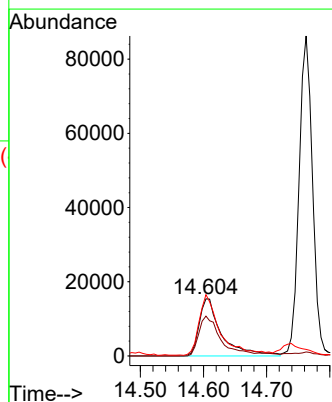
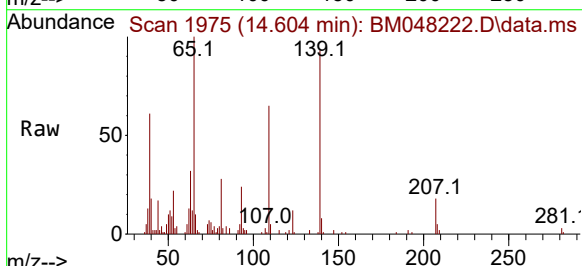
Tgt Ion:139 Resp: 37970

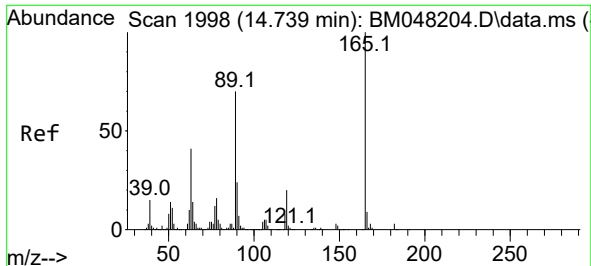
Ion Ratio Lower Upper

139 100

109 69.7 45.4 85.4

65 107.2 67.3 107.3

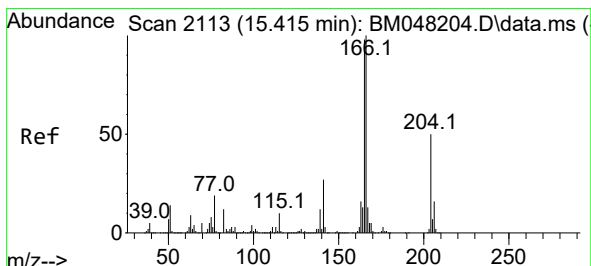
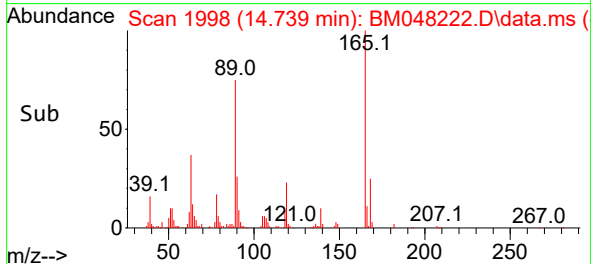
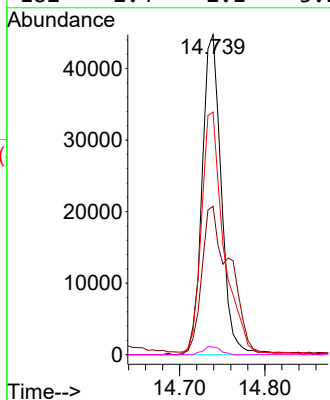
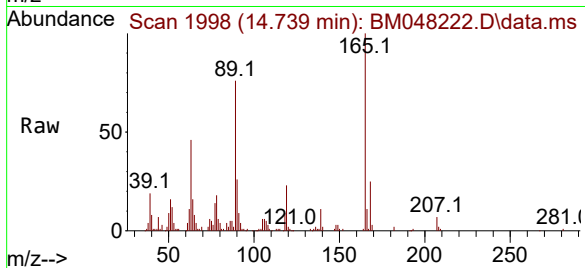




#57  
2,4-Dinitrotoluene  
Concen: 6.775 ng  
RT: 14.739 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

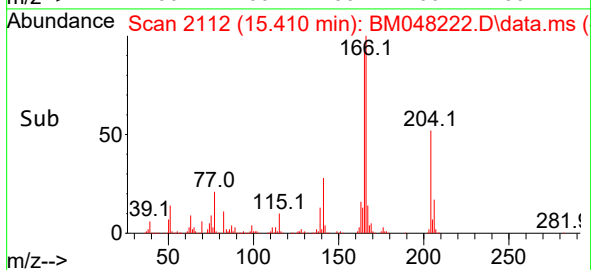
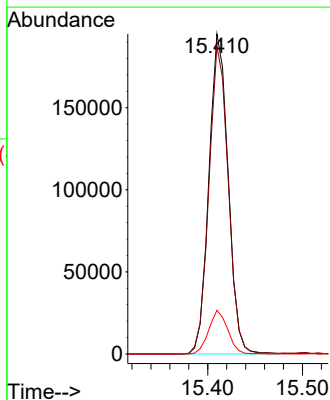
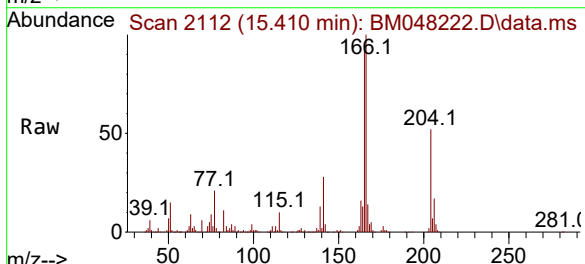
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

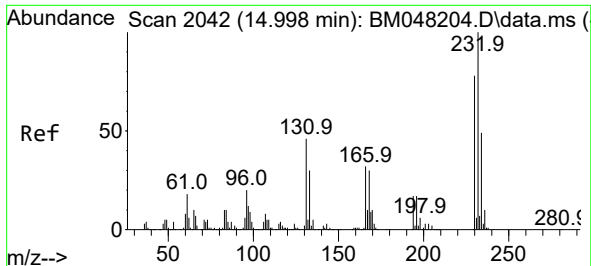
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 69846 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 46.3  | 33.0  | 49.4  |
| 89        | 75.8  | 55.8  | 83.6  |
| 182       | 2.4   | 2.1   | 3.1   |



#58  
Fluorene  
Concen: 8.179 ng  
RT: 15.410 min Scan# 2112  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 274832 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 96.2  | 78.4  | 117.6  |
| 167       | 13.7  | 10.8  | 16.2   |

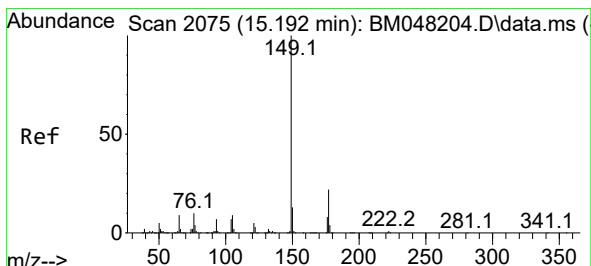
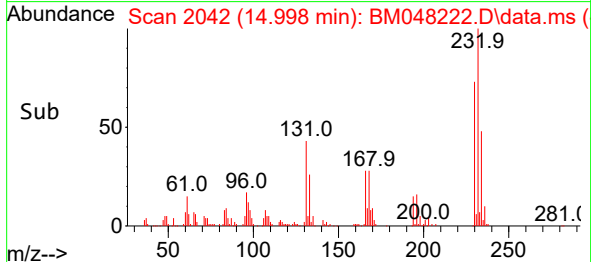
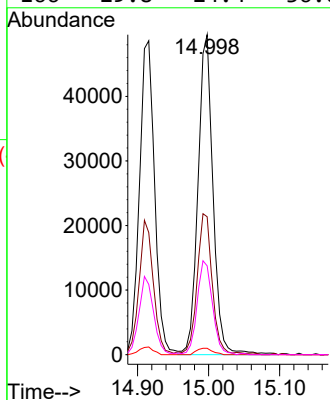
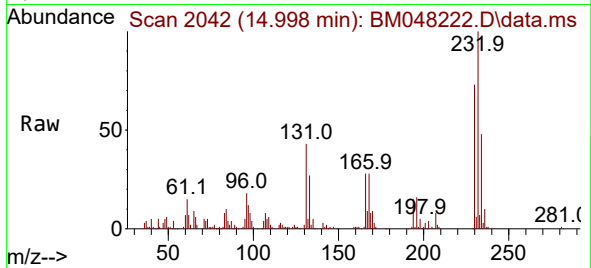




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 8.141 ng  
RT: 14.998 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

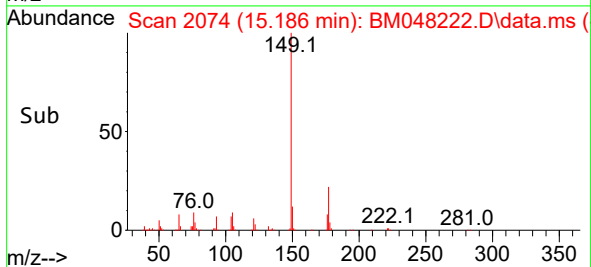
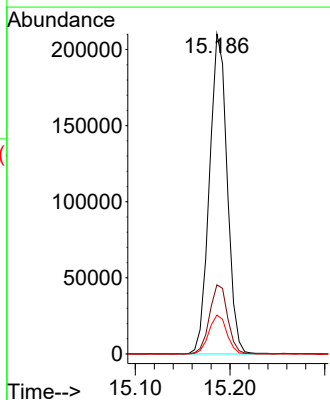
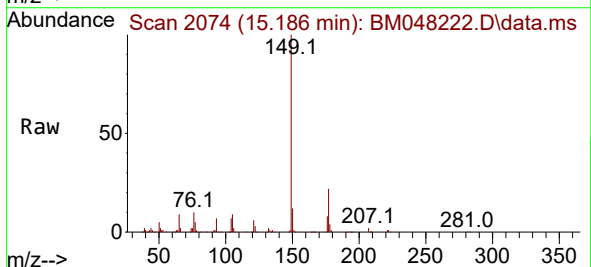
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

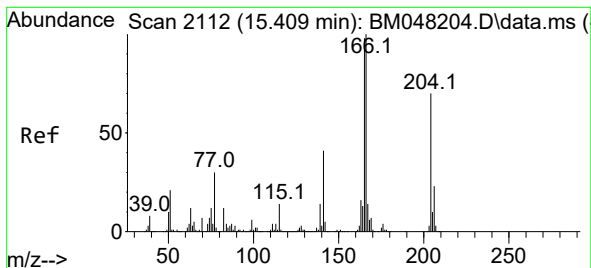
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 73160 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 44.8  | 35.5  | 53.3  |
| 130       | 2.1   | 1.8   | 2.6   |
| 166       | 29.8  | 24.4  | 36.6  |



#60  
Diethylphthalate  
Concen: 7.696 ng  
RT: 15.186 min Scan# 2074  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 272647 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.6  | 17.5  | 26.3   |
| 150       | 12.2  | 10.1  | 15.1   |

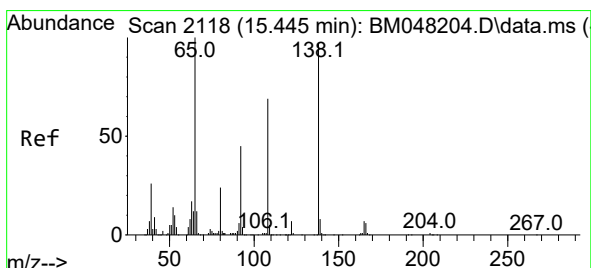
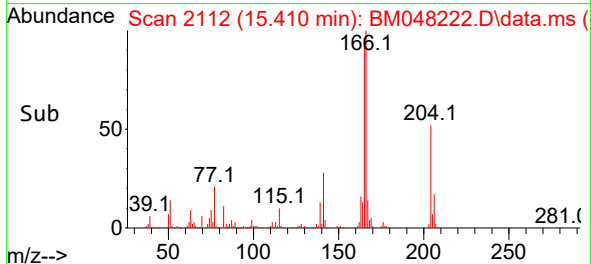
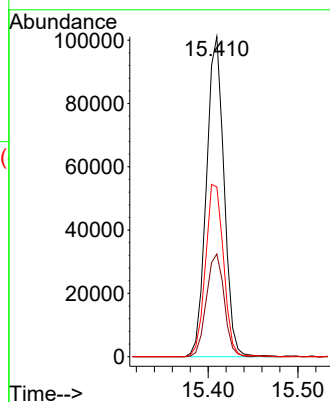
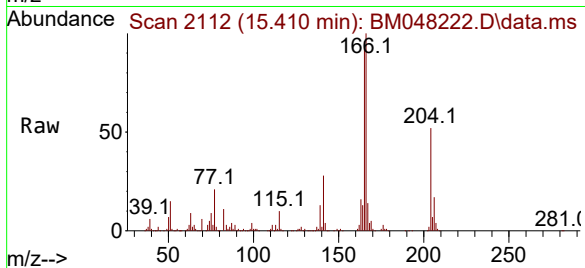




#61  
4-Chlorophenyl-phenylether  
Concen: 8.204 ng  
RT: 15.410 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

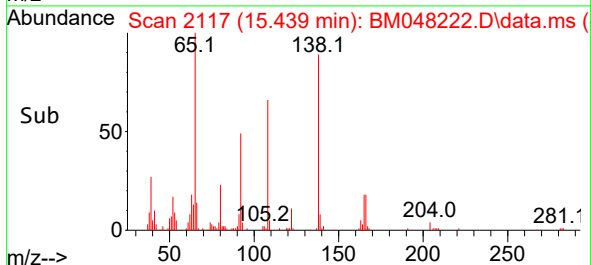
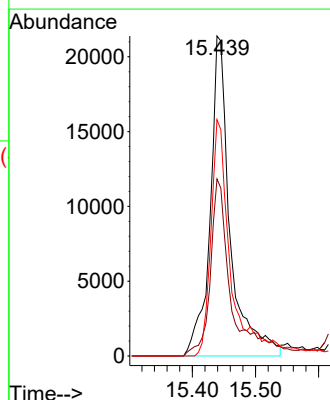
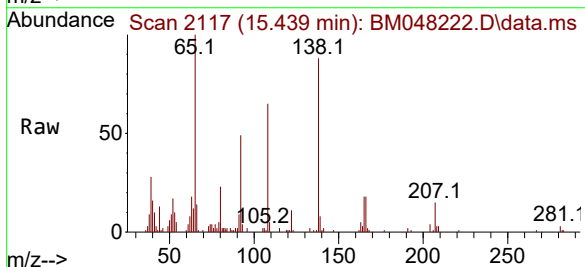
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

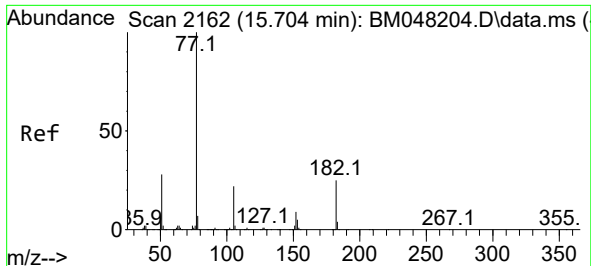
Tgt Ion:204 Resp: 137844  
Ion Ratio Lower Upper  
204 100  
206 32.1 26.2 39.4  
141 53.0 47.0 70.6



#62  
4-Nitroaniline  
Concen: 6.192 ng  
RT: 15.439 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:138 Resp: 47185  
Ion Ratio Lower Upper  
138 100  
92 55.3 26.9 66.9  
108 73.8 51.3 91.3

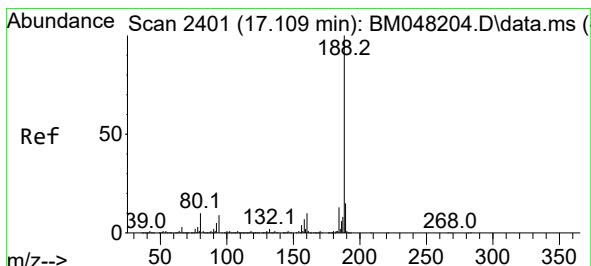
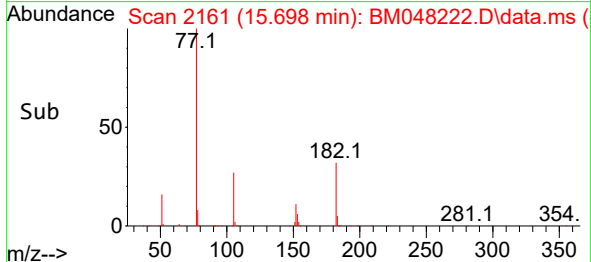
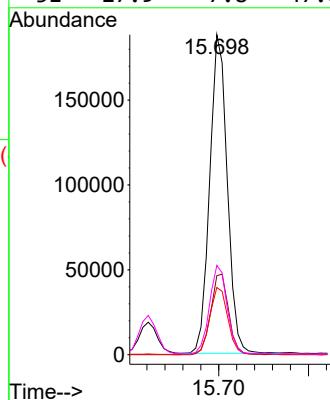
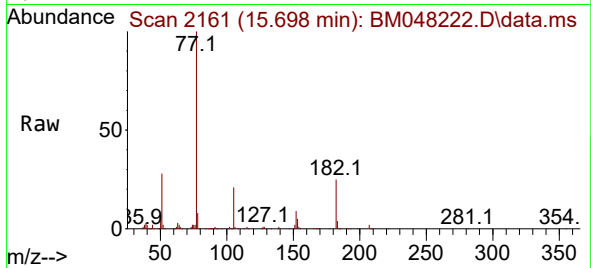




#63  
Azobenzene  
Concen: 8.005 ng  
RT: 15.698 min Scan# 2161  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

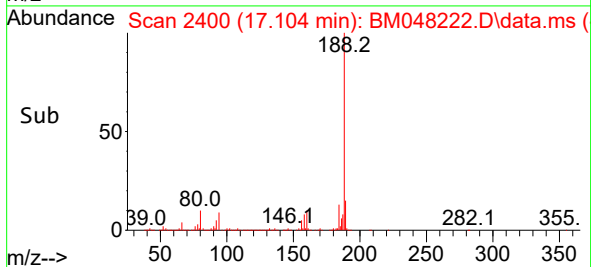
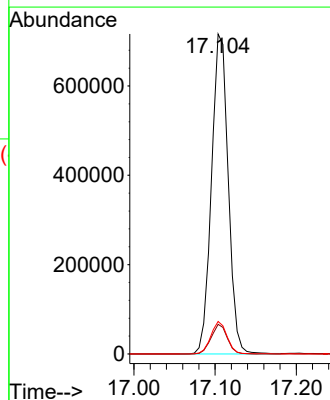
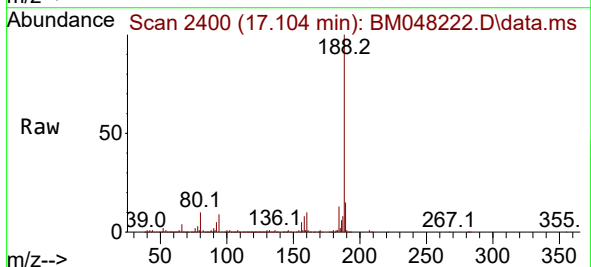
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

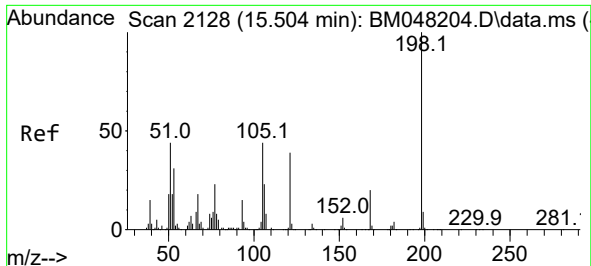
Tgt Ion: 77 Resp: 254186  
Ion Ratio Lower Upper  
77 100  
182 24.7 5.3 45.3  
105 21.0 1.6 41.6  
51 27.9 7.8 47.8



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.104 min Scan# 2400  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:188 Resp: 1024738  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.3 10.9  
80 10.2 8.0 12.0

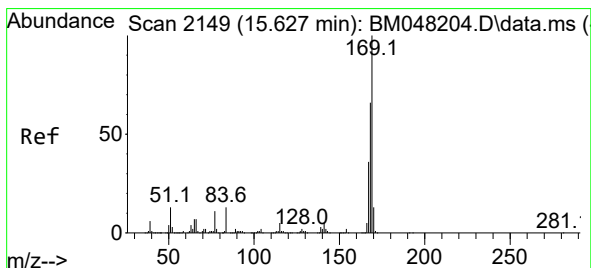
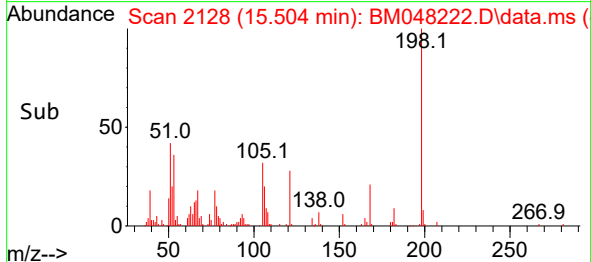
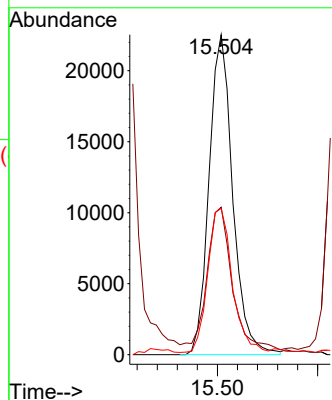
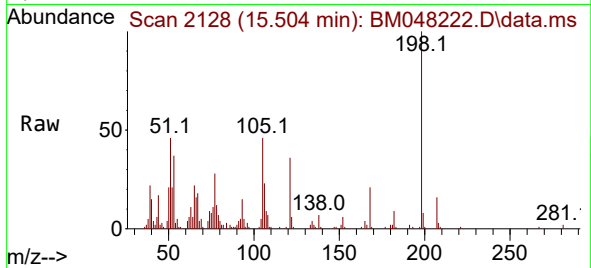




#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.215 ng  
RT: 15.504 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

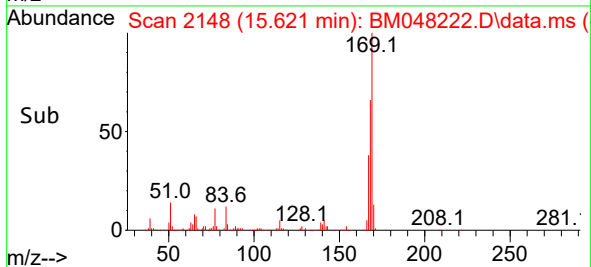
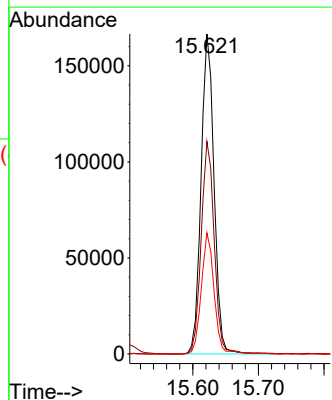
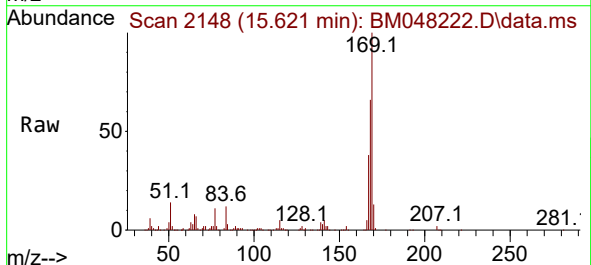
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

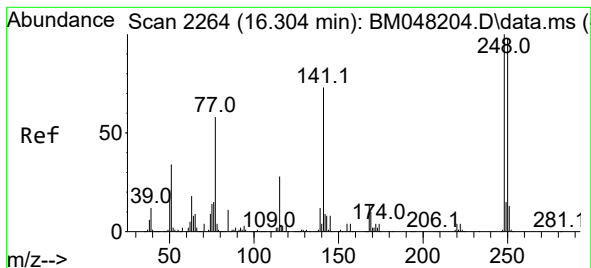
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:198 | Resp: | 36951     |
| Ion Ratio   | Lower | Upper     |
| 198         | 100   |           |
| 51          | 46.1  | 25.4 65.4 |
| 105         | 45.7  | 23.9 63.9 |



#66  
n-Nitrosodiphenylamine  
Concen: 8.174 ng  
RT: 15.621 min Scan# 2148  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:169 | Resp: | 229949    |
| Ion Ratio   | Lower | Upper     |
| 169         | 100   |           |
| 168         | 66.4  | 52.9 79.3 |
| 167         | 37.9  | 29.3 43.9 |

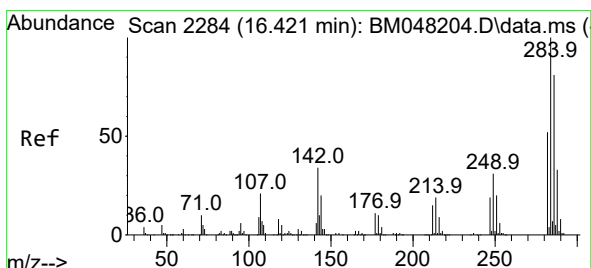
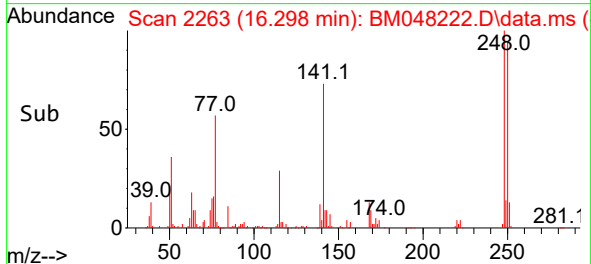
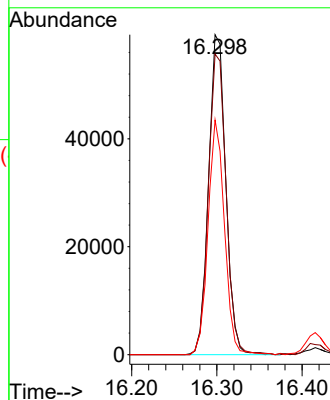
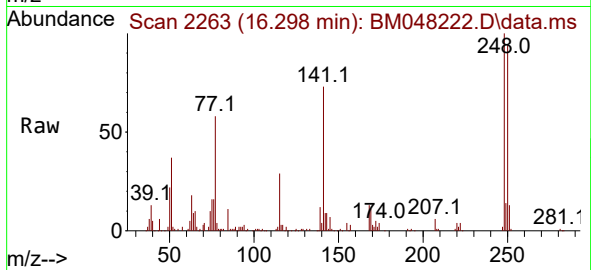




#67  
4-Bromophenyl-phenylether  
Concen: 8.007 ng  
RT: 16.298 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

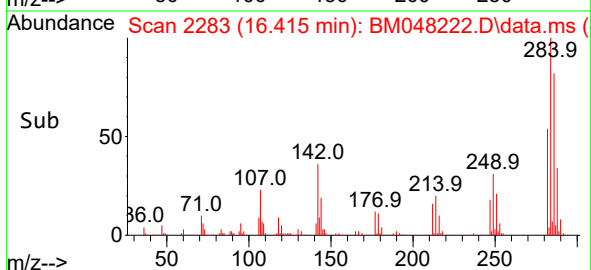
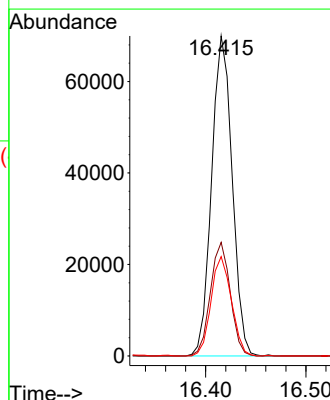
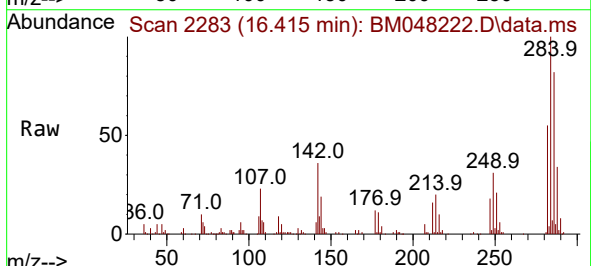
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

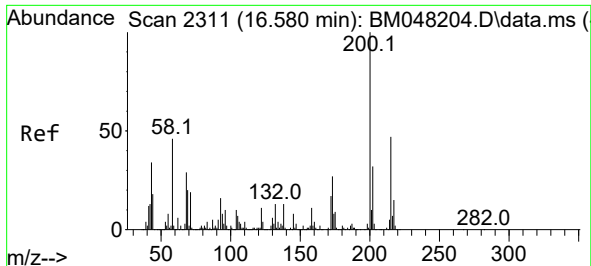
Tgt Ion:248 Resp: 83190  
Ion Ratio Lower Upper  
248 100  
250 93.9 78.3 117.5  
141 73.3 58.0 87.0



#68  
Hexachlorobenzene  
Concen: 7.969 ng  
RT: 16.415 min Scan# 2283  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:284 Resp: 99444  
Ion Ratio Lower Upper  
284 100  
142 35.5 27.0 40.4  
249 31.0 24.6 36.8

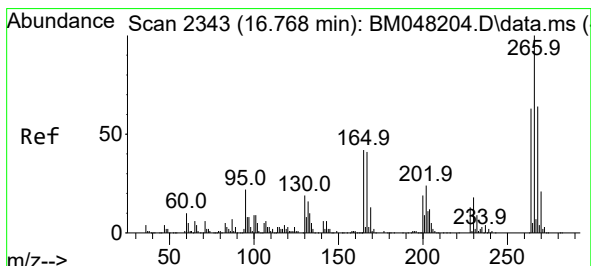
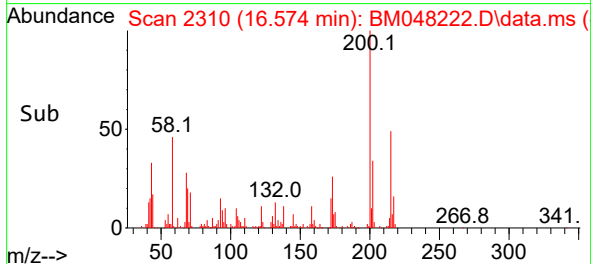
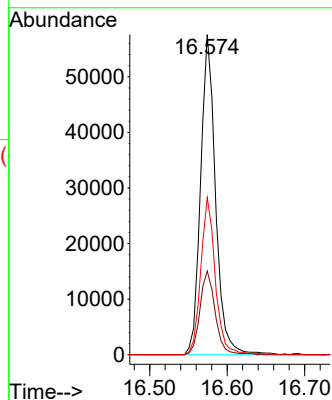
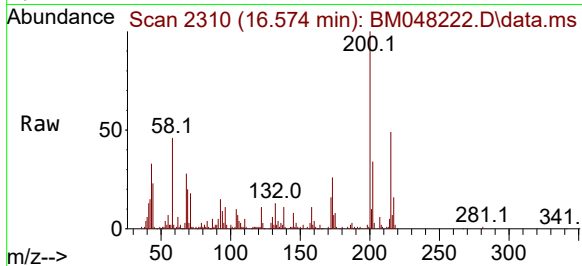




#69  
 Atrazine  
 Concen: 9.805 ng  
 RT: 16.574 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM048222.D  
 Acq: 24 Oct 2024 18:27

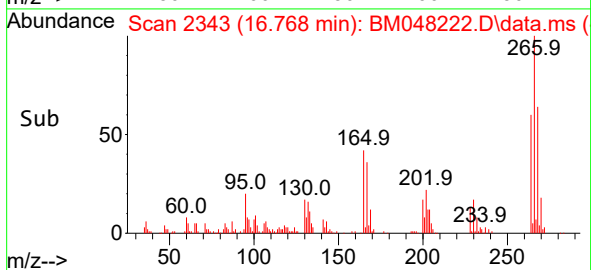
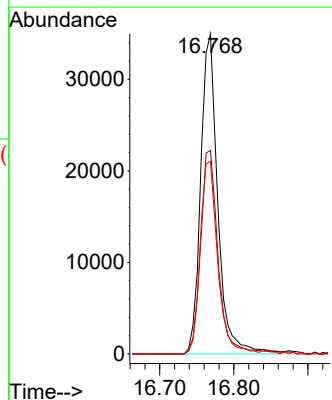
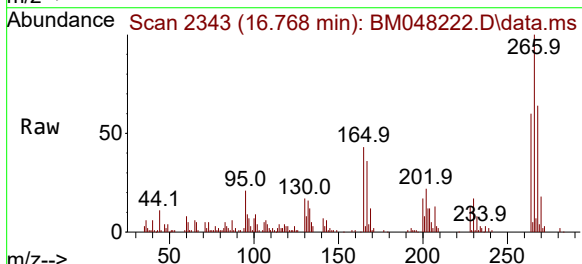
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2024

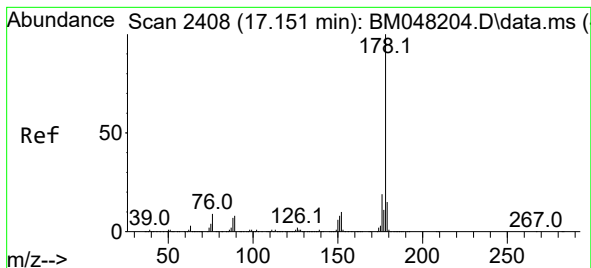
Tgt Ion:200 Resp: 77180  
 Ion Ratio Lower Upper  
 200 100  
 173 26.1 6.5 46.5  
 215 49.1 27.2 67.2



#70  
 Pentachlorophenol  
 Concen: 6.842 ng  
 RT: 16.768 min Scan# 2343  
 Delta R.T. 0.000 min  
 Lab File: BM048222.D  
 Acq: 24 Oct 2024 18:27

Tgt Ion:266 Resp: 56050  
 Ion Ratio Lower Upper  
 266 100  
 268 63.6 50.8 76.2  
 264 60.2 50.2 75.2





#71

Phenanthrene

Concen: 8.449 ng

RT: 17.151 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

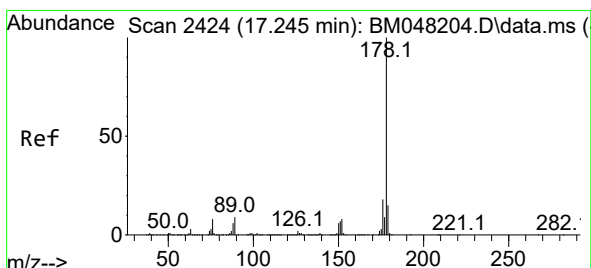
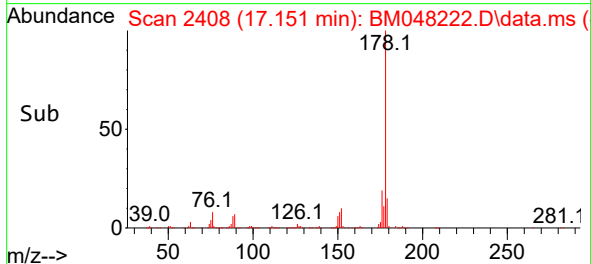
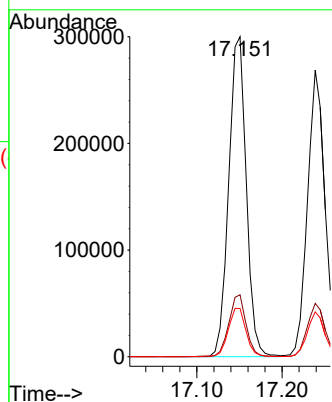
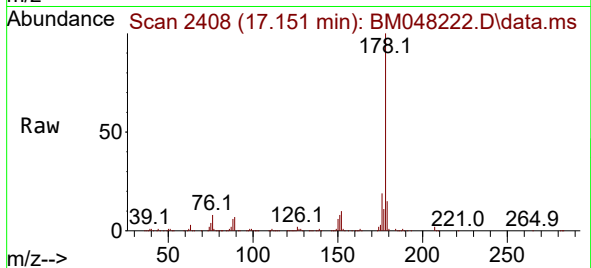
Tgt Ion:178 Resp: 428710

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.1 12.4 18.6



#72

Anthracene

Concen: 8.039 ng

RT: 17.239 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

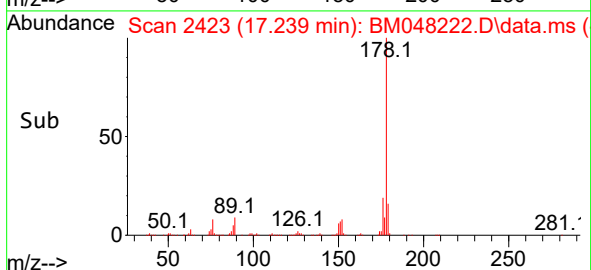
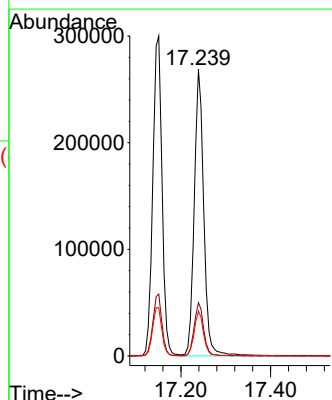
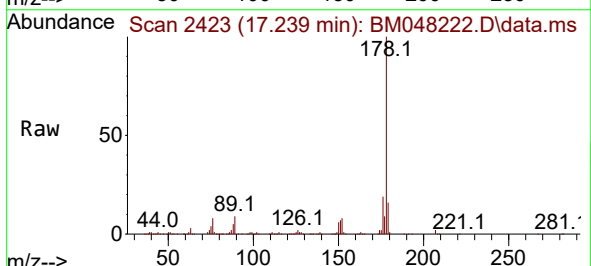
Tgt Ion:178 Resp: 394877

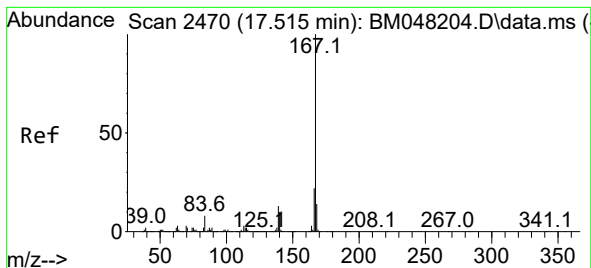
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.6 12.2 18.2





#73

Carbazole

Concen: 7.870 ng

RT: 17.515 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

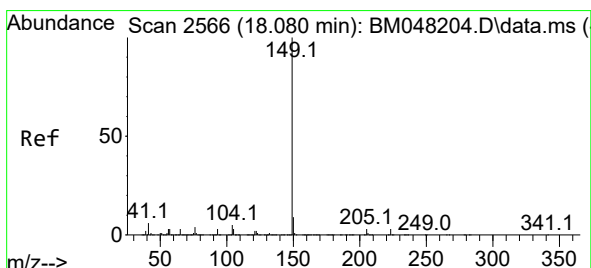
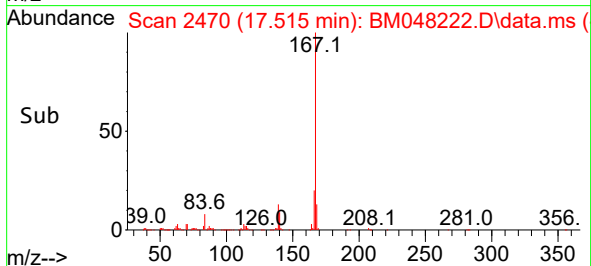
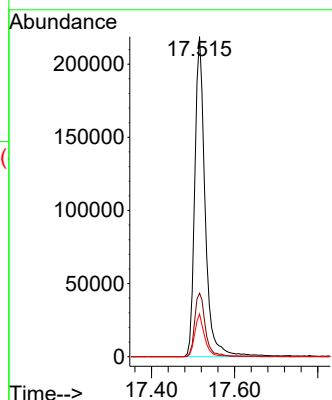
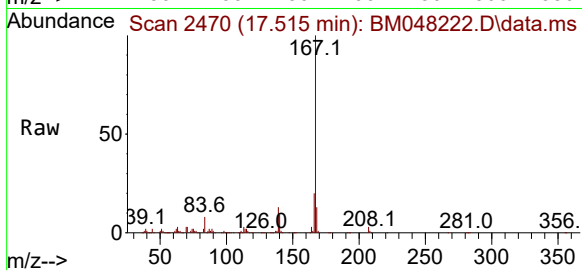
Tgt Ion:167 Resp: 378969

Ion Ratio Lower Upper

167 100

166 19.8 17.2 25.8

139 13.4 10.4 15.6



#74

Di-n-butylphthalate

Concen: 7.515 ng

RT: 18.074 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

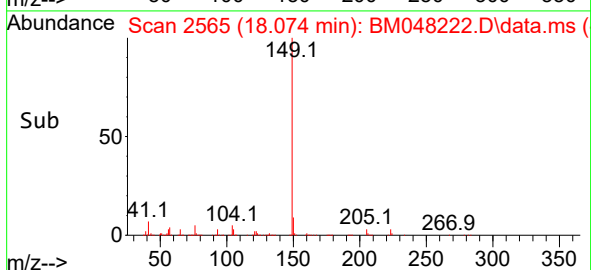
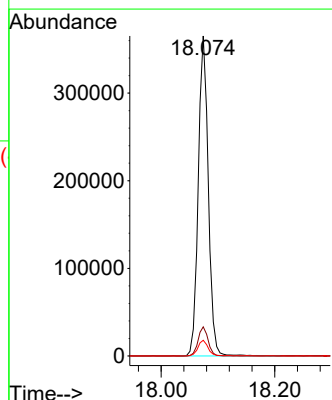
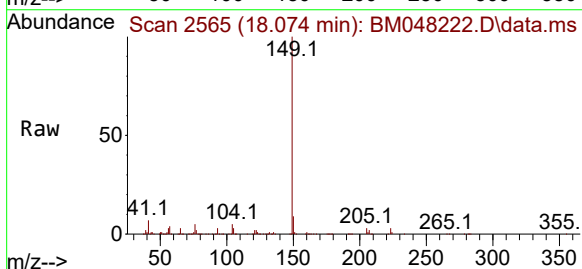
Tgt Ion:149 Resp: 450407

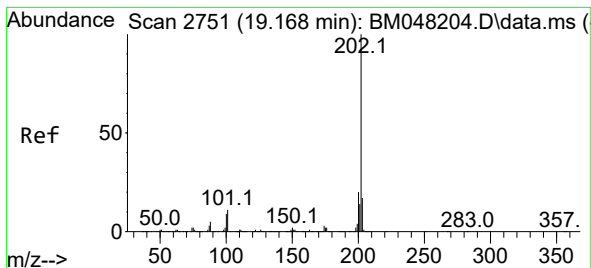
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 4.9 3.8 5.6

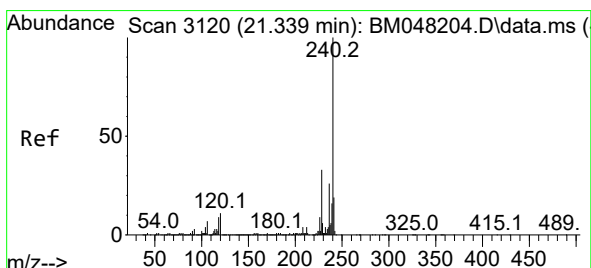
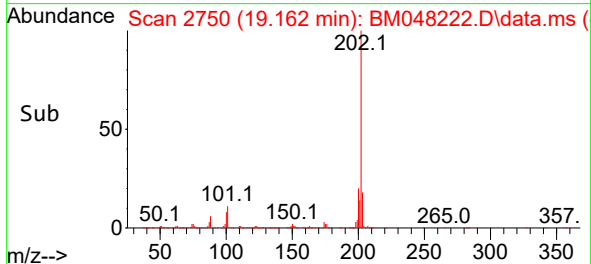
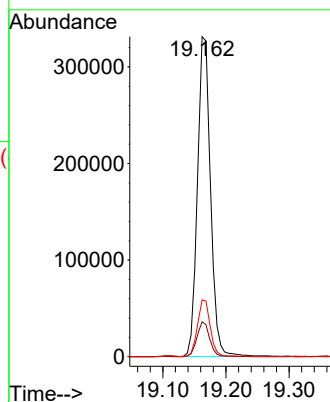
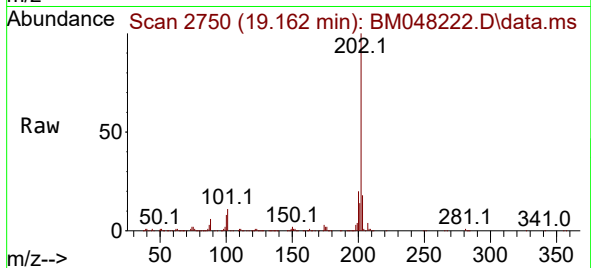




#75  
Fluoranthene  
Concen: 7.871 ng  
RT: 19.162 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

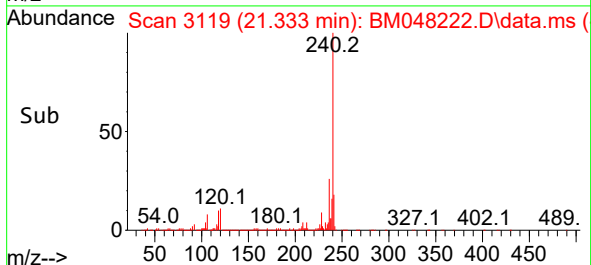
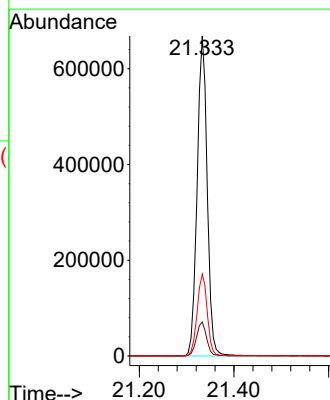
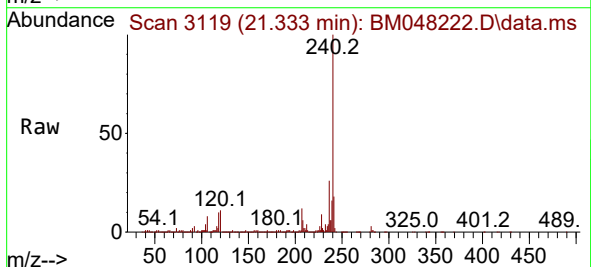
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

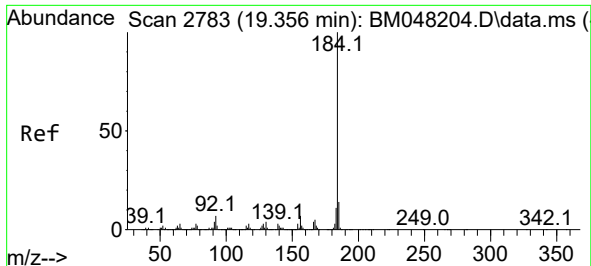
Tgt Ion:202 Resp: 476454  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 31.0  
203 17.8 0.0 37.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.333 min Scan# 3119  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:240 Resp: 985684  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.6 13.0  
236 25.6 20.7 31.1

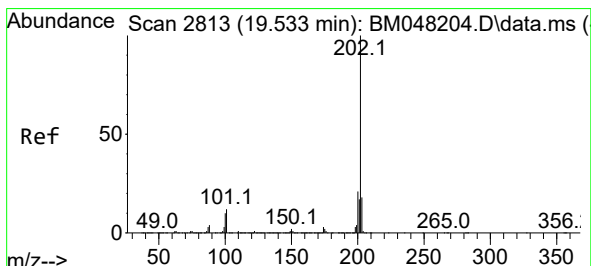
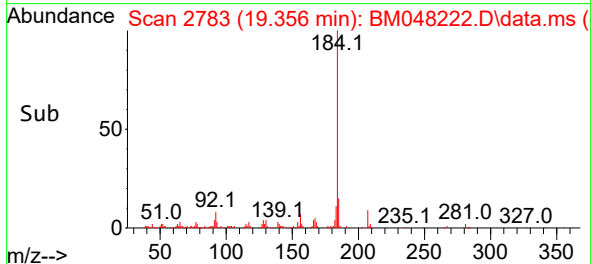
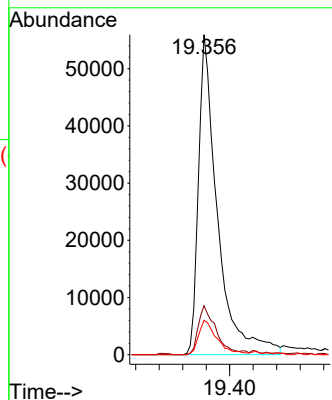
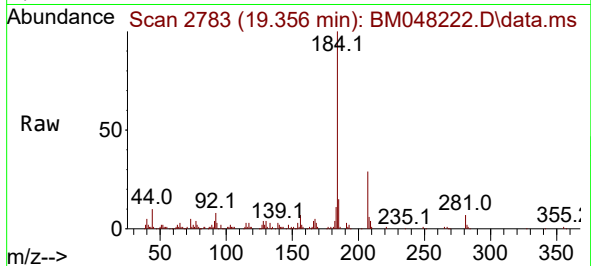




#77  
Benzidine  
Concen: 11.024 ng  
RT: 19.356 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

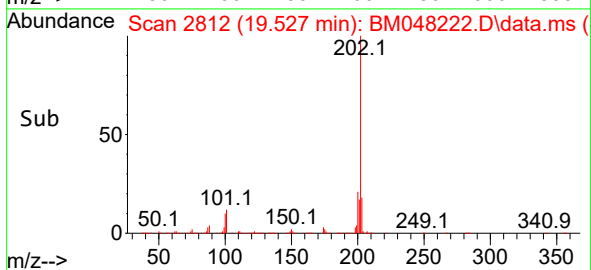
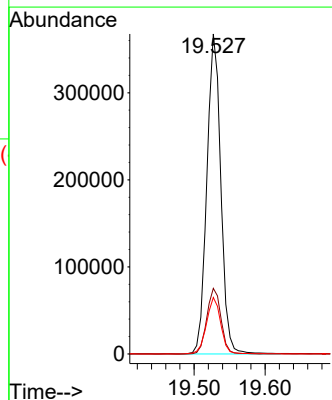
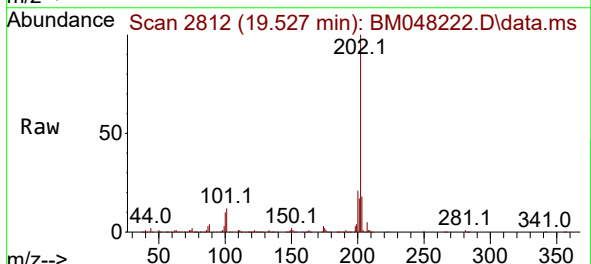
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

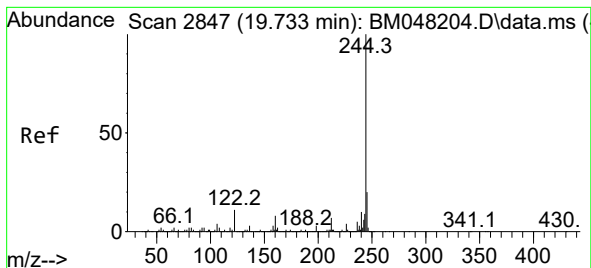
Tgt Ion:184 Resp: 125406  
Ion Ratio Lower Upper  
184 100  
185 15.3 11.4 17.0  
183 10.8 9.0 13.4



#78  
Pyrene  
Concen: 7.626 ng  
RT: 19.527 min Scan# 2812  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:202 Resp: 503143  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.9 25.3  
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 78.121 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

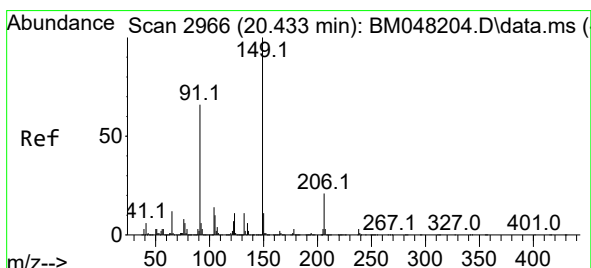
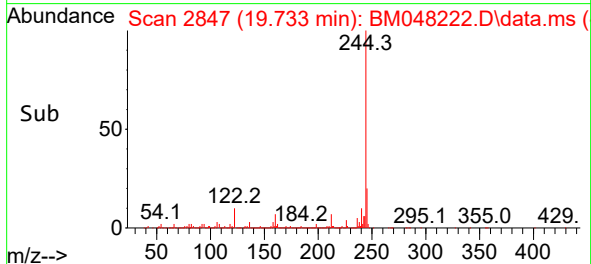
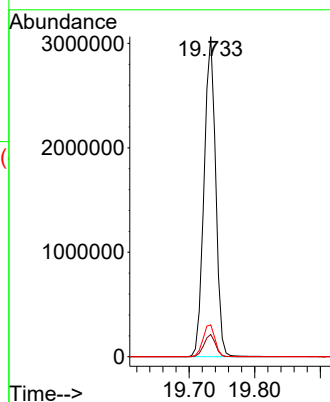
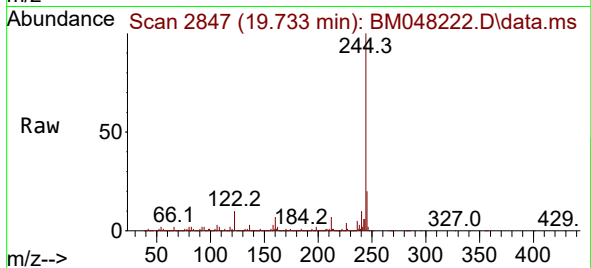
Tgt Ion:244 Resp: 3773259

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.9 8.8 13.2



#80

Butylbenzylphthalate

Concen: 7.120 ng

RT: 20.427 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

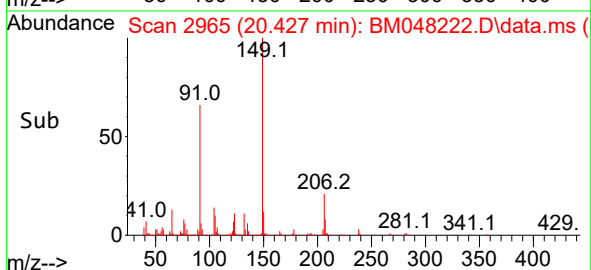
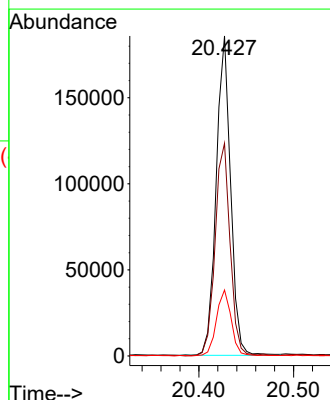
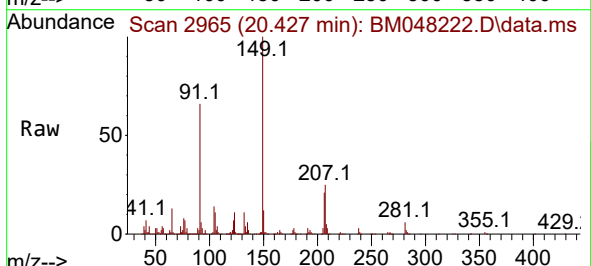
Tgt Ion:149 Resp: 196442

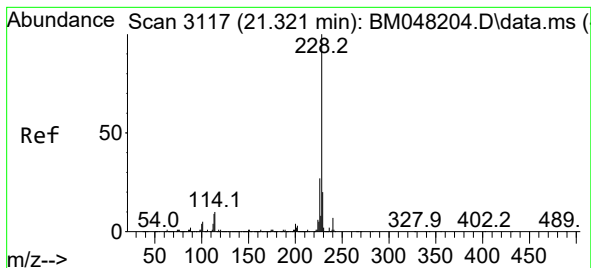
Ion Ratio Lower Upper

149 100

91 66.4 52.5 78.7

206 20.6 17.0 25.6





#81

Benzo(a)anthracene

Concen: 8.056 ng

RT: 21.315 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

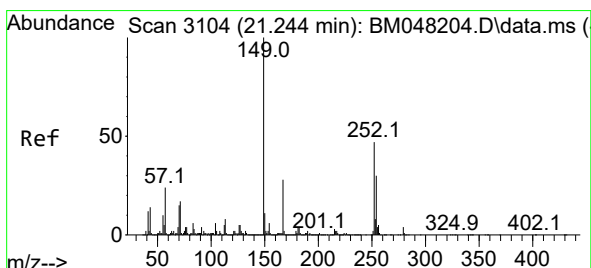
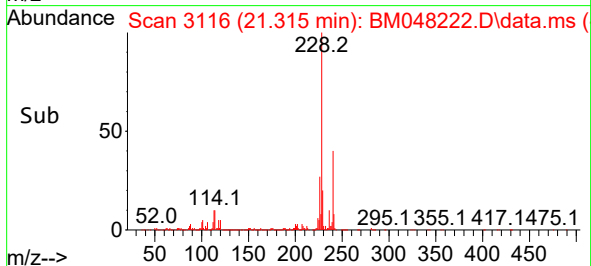
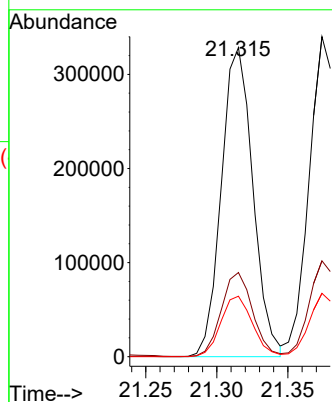
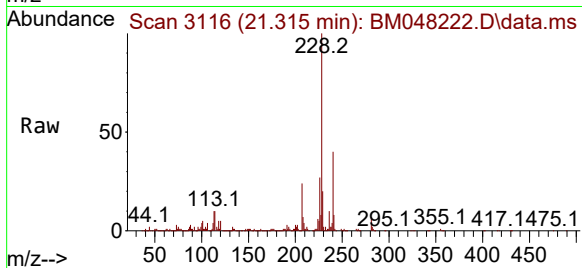
Tgt Ion:228 Resp: 507419

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 8.044 ng

RT: 21.245 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

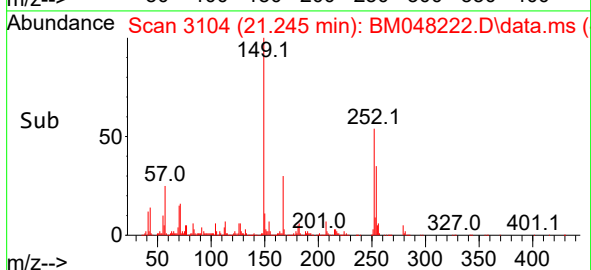
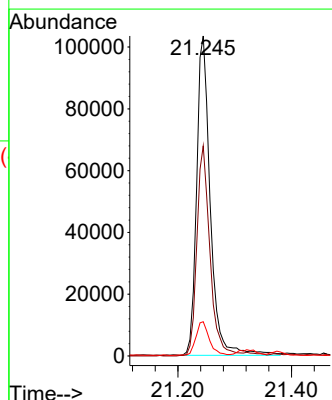
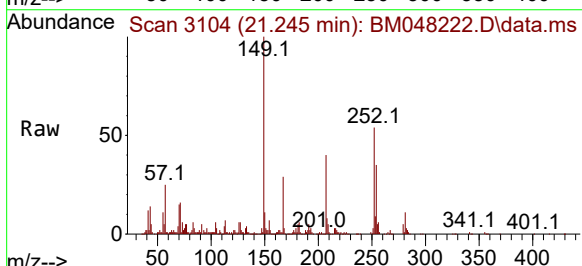
Tgt Ion:252 Resp: 173560

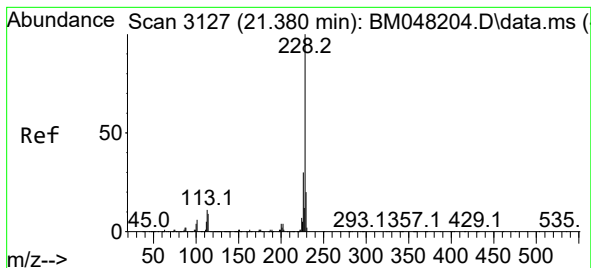
Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.8

126 10.7 8.8 13.2





#83

Chrysene

Concen: 8.291 ng

RT: 21.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

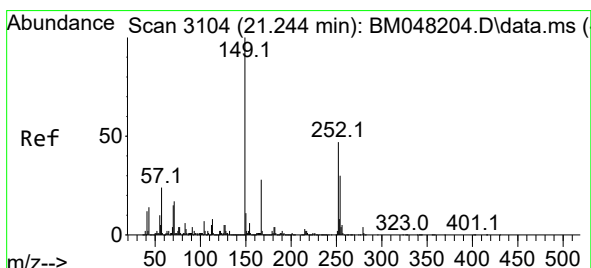
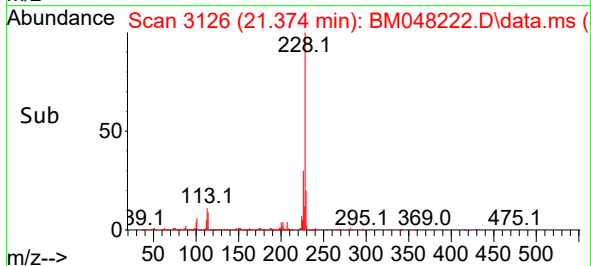
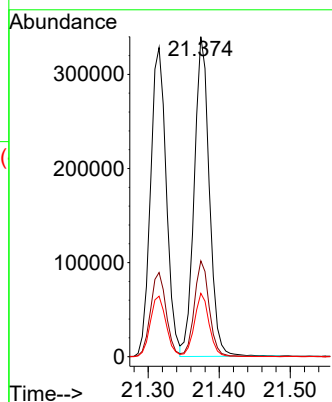
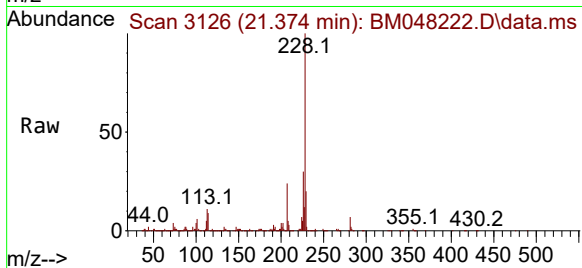
Tgt Ion:228 Resp: 501269

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.550 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

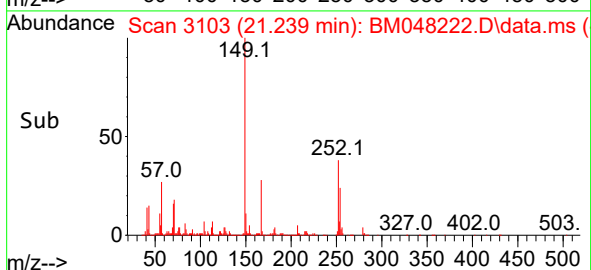
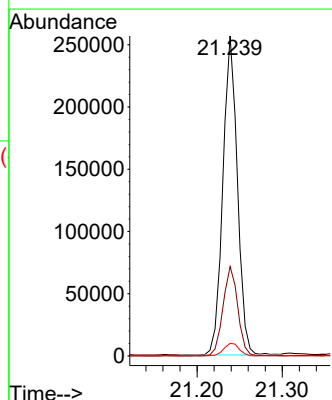
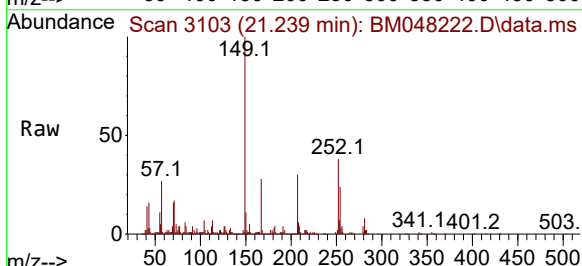
Tgt Ion:149 Resp: 302722

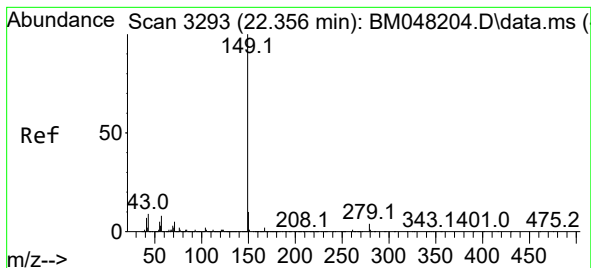
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 4.0 3.3 4.9

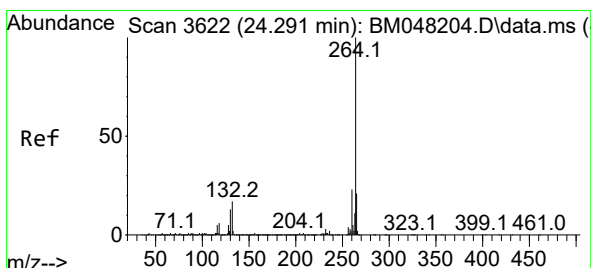
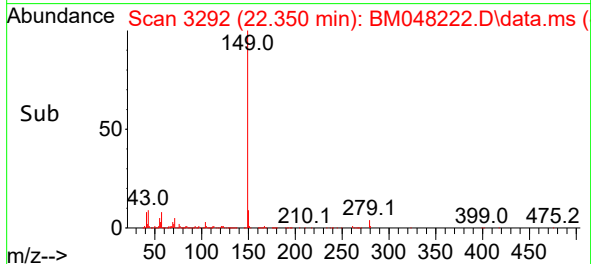
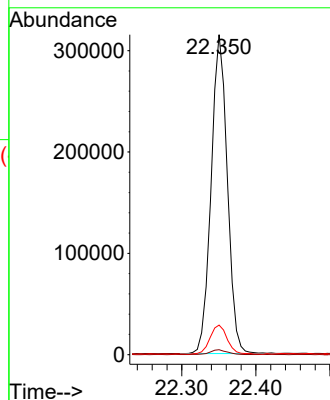
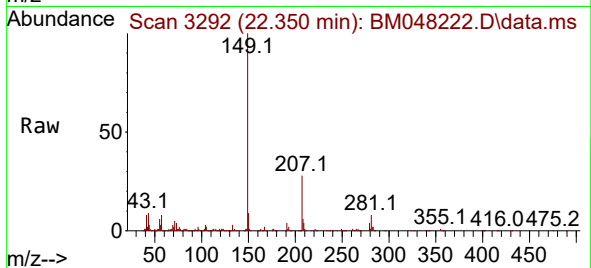




#85  
Di-n-octyl phthalate  
Concen: 6.869 ng  
RT: 22.350 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

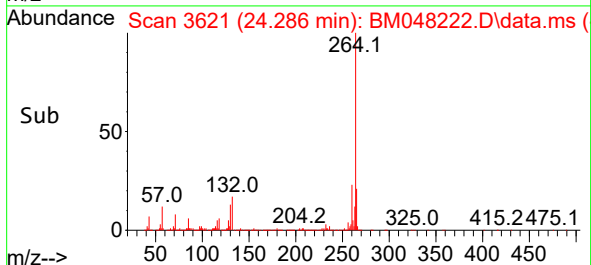
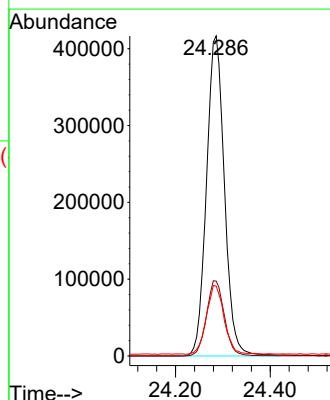
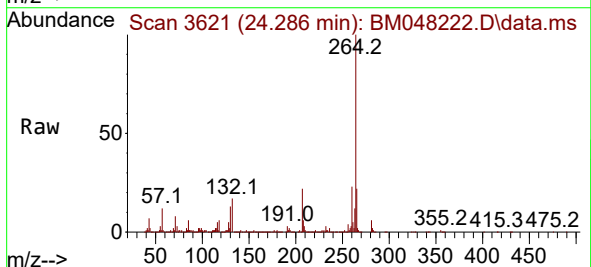
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2024

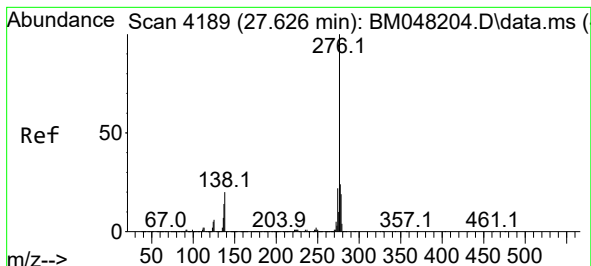
Tgt Ion:149 Resp: 477040  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 9.6 7.3 10.9



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.286 min Scan# 3621  
Delta R.T. -0.006 min  
Lab File: BM048222.D  
Acq: 24 Oct 2024 18:27

Tgt Ion:264 Resp: 1094292  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.6 27.8  
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.262 ng

RT: 27.597 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

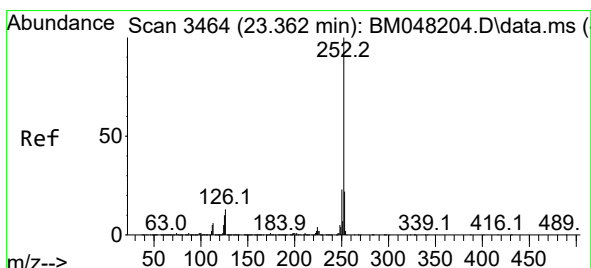
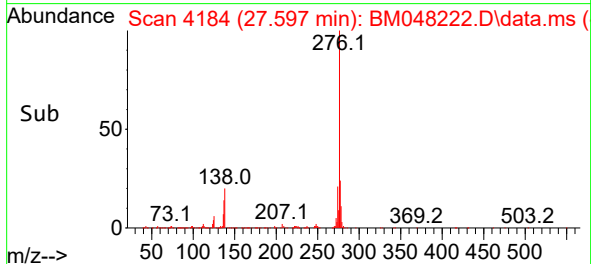
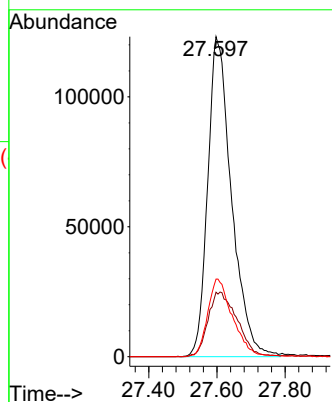
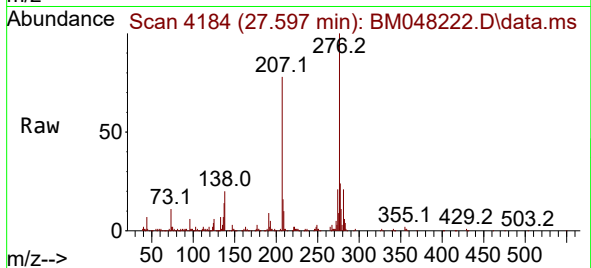
Tgt Ion:276 Resp: 597865

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.6

277 25.5 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 7.966 ng

RT: 23.350 min Scan# 3462

Delta R.T. -0.012 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

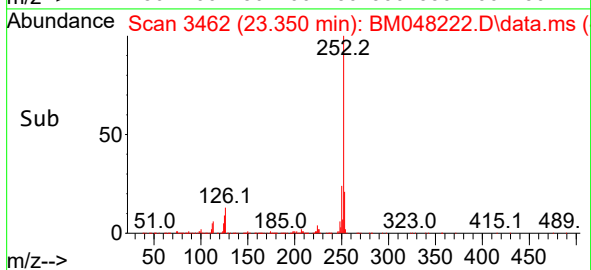
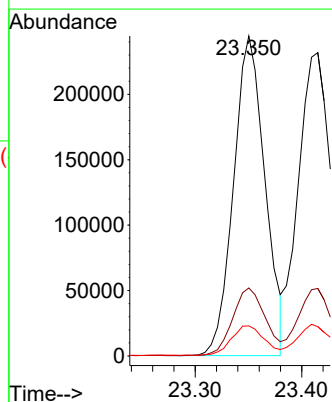
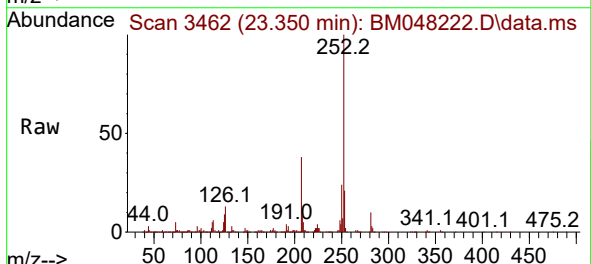
Tgt Ion:252 Resp: 499829

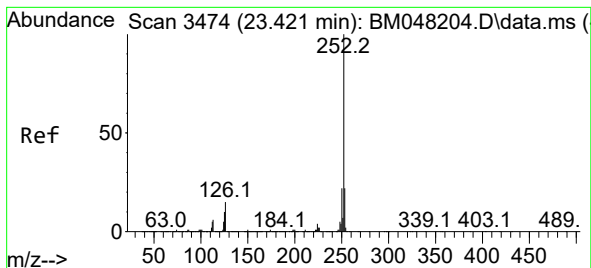
Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.6

125 9.4 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 8.541 ng

RT: 23.415 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

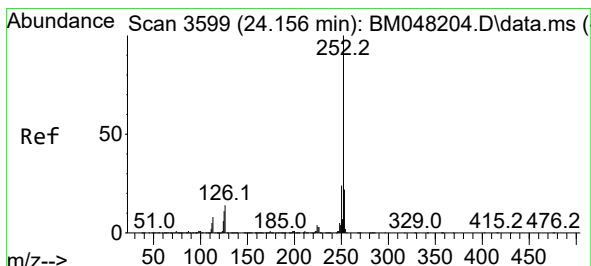
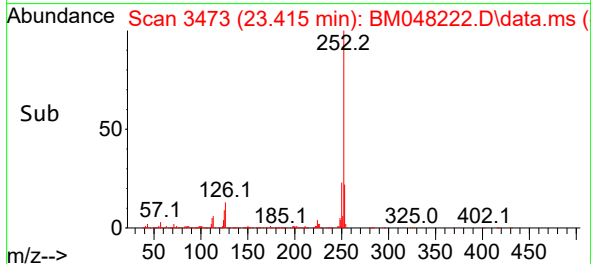
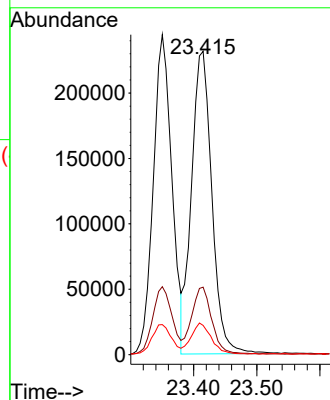
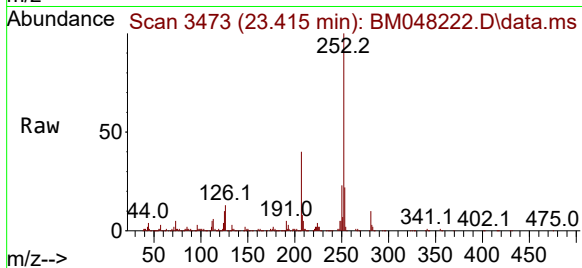
Tgt Ion:252 Resp: 518125

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.6 7.8 11.6



#90

Benzo(a)pyrene

Concen: 8.361 ng

RT: 24.144 min Scan# 3597

Delta R.T. -0.012 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

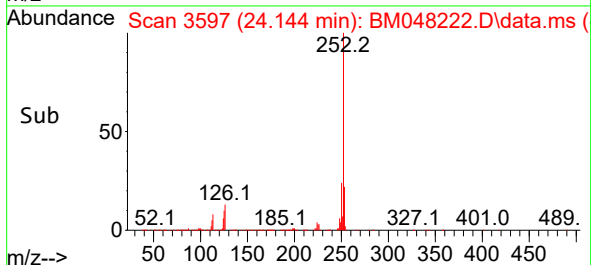
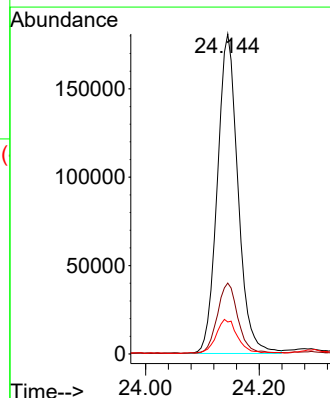
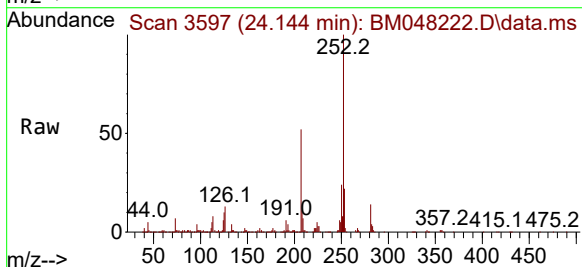
Tgt Ion:252 Resp: 456057

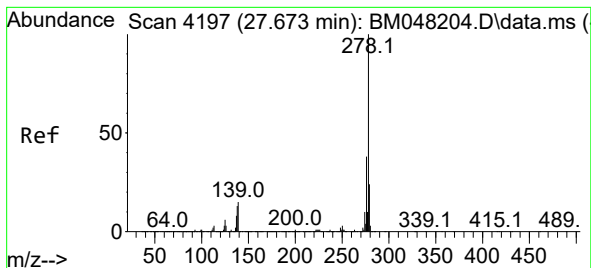
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.0 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 8.237 ng

RT: 27.650 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

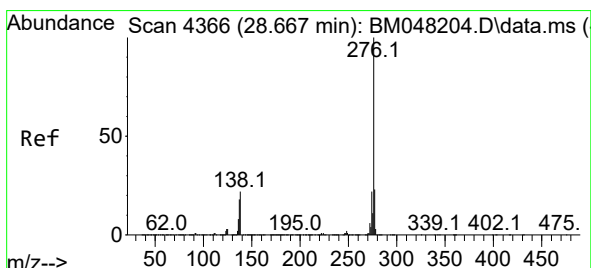
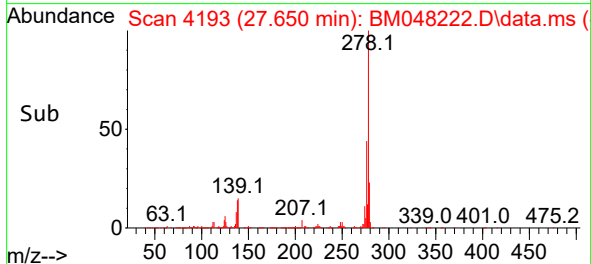
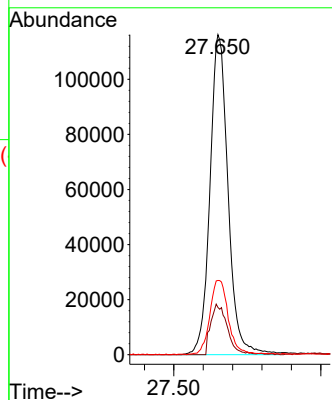
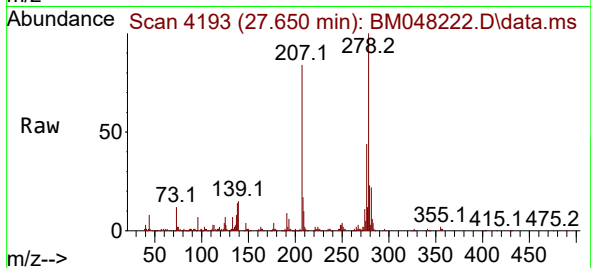
Tgt Ion:278 Resp: 496334

Ion Ratio Lower Upper

278 100

139 14.8 12.2 18.4

279 23.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 7.756 ng

RT: 28.638 min Scan# 4361

Delta R.T. -0.029 min

Lab File: BM048222.D

Acq: 24 Oct 2024 18:27

Tgt Ion:276 Resp: 478599

Ion Ratio Lower Upper

276 100

277 24.3 18.5 27.7

138 19.9 17.5 26.3

