

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM011923\  
 Data File : BM038489.D  
 Acq On : 19 Jan 2023 14:34  
 Operator : CG/JU  
 Sample : N3980-09  
 Misc : MDL-MDL-WATER 8PPM  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2022

Quant Time: Jan 20 02:47:01 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM011623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 06:09:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.969  | 152  | 48448    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.781 | 136  | 170104   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.604 | 164  | 102420   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.351 | 188  | 230946   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.521 | 240  | 237650   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.939 | 264  | 286527   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.522  | 112  | 363648   | 114.495 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.134  | 99   | 452501   | 111.220 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.145  | 82   | 319563   | 76.545  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.092 | 330  | 175867   | 101.575 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.233 | 172  | 573426   | 69.823  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.962 | 244  | 958837   | 75.530  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.375  | 88   | 12020    | 8.281   | ng    | 98       |
| 3) Pyridine                   | 3.805  | 79   | 23378    | 5.568   | ng    | # 83     |
| 4) n-Nitrosodimethylamine     | 3.710  | 42   | 20442    | 8.229   | ng    | 98       |
| 6) Aniline                    | 7.298  | 93   | 35989    | 7.003   | ng    | 98       |
| 8) 2-Chlorophenol             | 7.534  | 128  | 23936    | 7.612   | ng    | 94       |
| 9) Benzaldehyde               | 7.116  | 77   | 27917    | 10.261  | ng    | 95       |
| 10) Phenol                    | 7.163  | 94   | 33279    | 7.849   | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 7.398  | 93   | 26030    | 7.576   | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.857  | 146  | 25274    | 7.503   | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.010  | 146  | 26268    | 7.751   | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.322  | 146  | 25417    | 7.670   | ng    | 94       |
| 15) Benzyl Alcohol            | 8.222  | 79   | 23864    | 7.323   | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.498  | 45   | 40409    | 8.436   | ng    | 97       |
| 17) 2-Methylphenol            | 8.422  | 107  | 19714    | 6.884   | ng    | 96       |
| 18) Hexachloroethane          | 9.051  | 117  | 11091    | 7.990   | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.781  | 70   | 22202    | 7.518   | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.745  | 107  | 25493    | 6.631   | ng    | 92       |
| 22) Acetophenone              | 8.804  | 105  | 39067    | 7.770   | ng    | 92       |
| 24) Nitrobenzene              | 9.187  | 77   | 36588    | 8.295   | ng    | 92       |
| 25) Isophorone                | 9.710  | 82   | 53162    | 7.189   | ng    | 100      |
| 26) 2-Nitrophenol             | 9.898  | 139  | 10368    | 6.695   | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 9.957  | 122  | 16170    | 6.132   | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.192 | 93   | 30369    | 7.302   | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.434 | 162  | 19231    | 6.601   | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 10.645 | 180  | 24254    | 7.200   | ng    | 99       |
| 31) Naphthalene               | 10.833 | 128  | 65085    | 7.220   | ng    | 98       |
| 32) Benzoic acid              | 10.039 | 122  | 8764     | 8.675   | ng    | # 86     |
| 33) 4-Chloroaniline           | 10.951 | 127  | 24958    | 6.307   | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.104 | 225  | 16320    | 6.908   | ng    | 93       |
| 35) Caprolactam               | 11.728 | 113  | 4553     | 5.530   | ng    | # 91     |
| 36) 4-Chloro-3-methylphenol   | 12.069 | 107  | 21035    | 6.622   | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.439 | 142  | 41976    | 6.368   | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.439 | 142  | 41976    | 6.783   | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.804 | 216  | 26956    | 7.032   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.775 | 237  | 13728    | 6.298   | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.122 | 196  | 17685    | 7.298   | ng    | 95       |

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 QLast Update : Thu Jan 19 06:09:42 2023  
 Response via : Initial Calibration

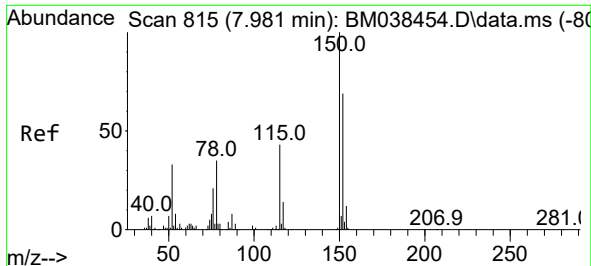
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.122 | 196  | 17685    | 6.190 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.445 | 154  | 57165    | 7.194 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.486 | 162  | 45877    | 7.335 | ng    | 93       |
| 48) 2-Nitroaniline            | 13.698 | 65   | 15244    | 8.152 | ng    | 92       |
| 49) Acenaphthylene            | 14.333 | 152  | 65632    | 6.656 | ng    | 97       |
| 50) Dimethylphthalate         | 14.063 | 163  | 54935    | 6.618 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.192 | 165  | 10426    | 6.174 | ng    | 90       |
| 52) Acenaphthene              | 14.669 | 154  | 40666    | 6.787 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.521 | 138  | 9558     | 7.508 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 14.733 | 184  | 5759     | 9.386 | ng    | 97       |
| 55) Dibenzofuran              | 15.004 | 168  | 67762    | 6.642 | ng    | 97       |
| 56) 4-Nitrophenol             | 14.827 | 139  | 7700     | 8.676 | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 14.980 | 165  | 13905    | 5.924 | ng    | # 94     |
| 58) Fluorene                  | 15.651 | 166  | 53370    | 6.261 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.227 | 232  | 15477    | 6.110 | ng    | 98       |
| 60) Diethylphthalate          | 15.416 | 149  | 54439    | 6.393 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.645 | 204  | 28521    | 6.096 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.680 | 138  | 9180     | 7.297 | ng    | 94       |
| 63) Azobenzene                | 15.933 | 77   | 66957    | 7.146 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 198  | 7902     | 5.042 | ng    | 85       |
| 66) n-Nitrosodiphenylamine    | 15.857 | 169  | 45421    | 6.703 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.533 | 248  | 16399    | 6.139 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.651 | 284  | 19993    | 6.683 | ng    | 94       |
| 69) Atrazine                  | 16.804 | 200  | 16788    | 7.006 | ng    | 100      |
| 70) Pentachlorophenol         | 16.998 | 266  | 11062    | 5.065 | ng    | 98       |
| 71) Phenanthrene              | 17.392 | 178  | 85683    | 6.706 | ng    | 98       |
| 72) Anthracene                | 17.480 | 178  | 84294    | 6.419 | ng    | 98       |
| 73) Carbazole                 | 17.757 | 167  | 74249    | 6.466 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.304 | 149  | 83825    | 6.146 | ng    | 100      |
| 75) Fluoranthene              | 19.398 | 202  | 98442    | 6.129 | ng    | 99       |
| 77) Benzidine                 | 19.592 | 184  | 41877    | 8.042 | ng    | 97       |
| 78) Pyrene                    | 19.762 | 202  | 107481   | 6.796 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.651 | 149  | 35295    | 6.105 | ng    | 90       |
| 81) Benzo(a)anthracene        | 21.503 | 228  | 116004   | 6.787 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.439 | 252  | 40261    | 7.315 | ng    | 98       |
| 83) Chrysene                  | 21.556 | 228  | 115456   | 6.951 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.415 | 149  | 52063    | 6.265 | ng    | # 93     |
| 85) Di-n-octyl phthalate      | 22.345 | 149  | 91124    | 6.232 | ng    | # 93     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.444 | 276  | 141751   | 6.685 | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.197 | 252  | 123140   | 6.931 | ng    | # 98     |
| 89) Benzo(k)fluoranthene      | 23.244 | 252  | 124079   | 6.753 | ng    | 97       |
| 90) Benzo(a)pyrene            | 23.827 | 252  | 110294   | 6.326 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.468 | 278  | 126718   | 7.121 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.227 | 276  | 128756   | 7.293 | ng    | 97       |

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

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BNA\_M

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MDL-WATER-03-QT3-2022

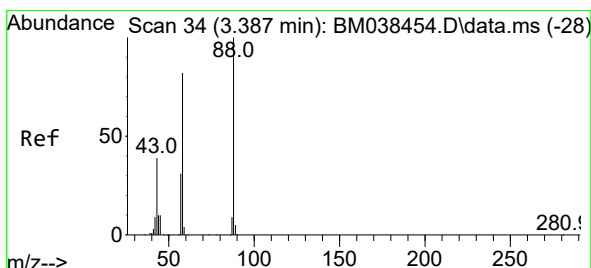
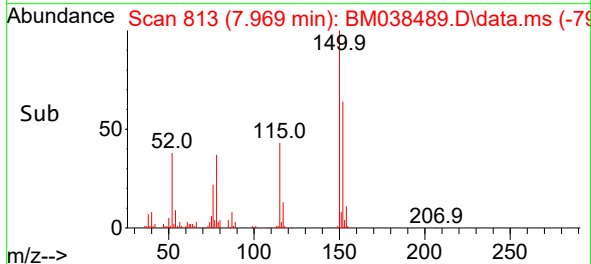
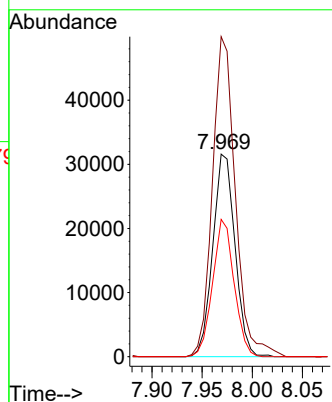
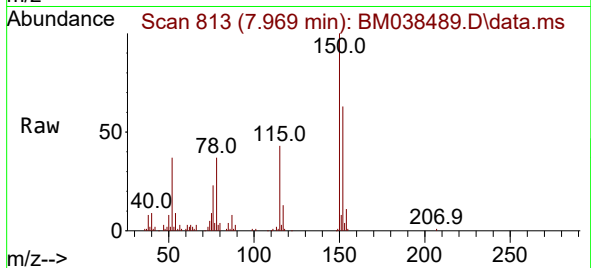
[illegible]



#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.969 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

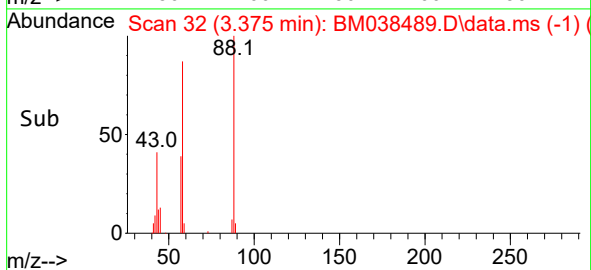
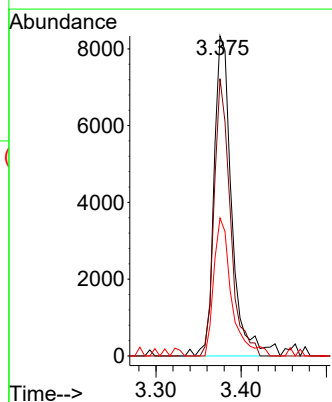
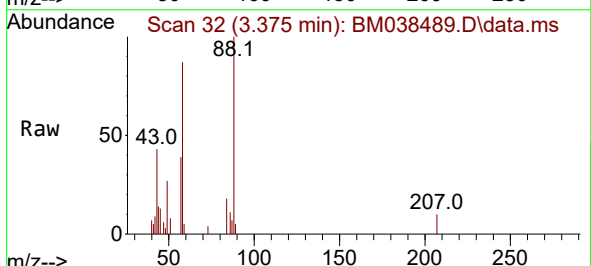
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

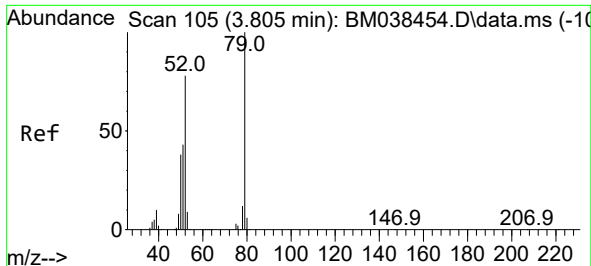
Tgt Ion:152 Resp: 48448  
Ion Ratio Lower Upper  
152 100  
150 158.0 116.0 174.0  
115 67.8 49.4 74.2



#2  
1,4-Dioxane  
Concen: 8.281 ng  
RT: 3.375 min Scan# 32  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion: 88 Resp: 12020  
Ion Ratio Lower Upper  
88 100  
58 79.5 64.3 96.5  
43 43.0 32.3 48.5

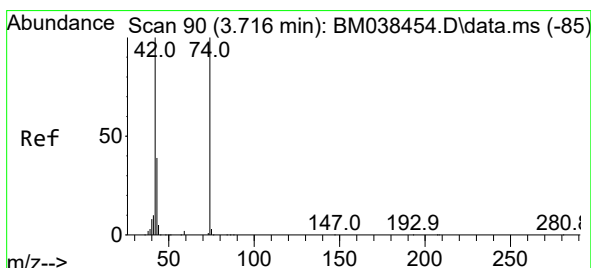
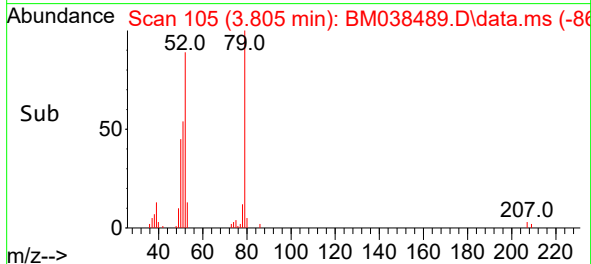
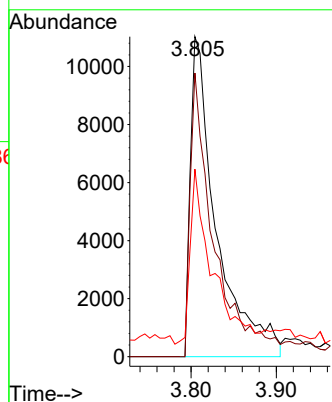
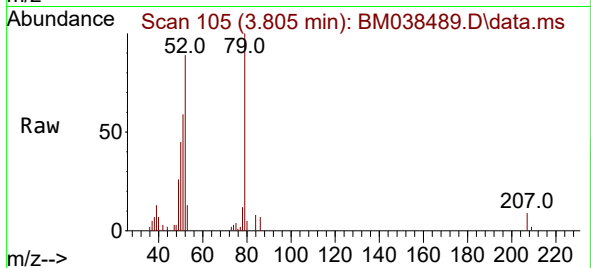




#3  
Pyridine  
Concen: 5.568 ng  
RT: 3.805 min Scan# 105  
Delta R.T. 0.012 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

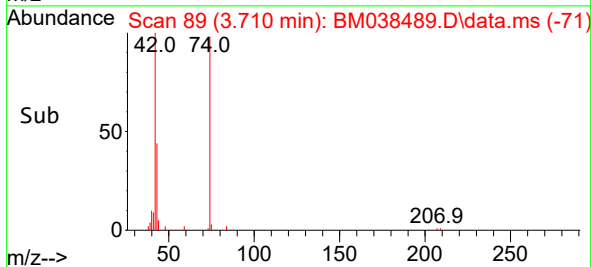
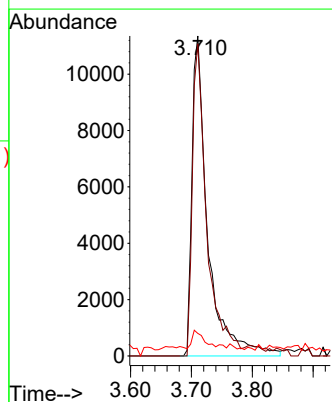
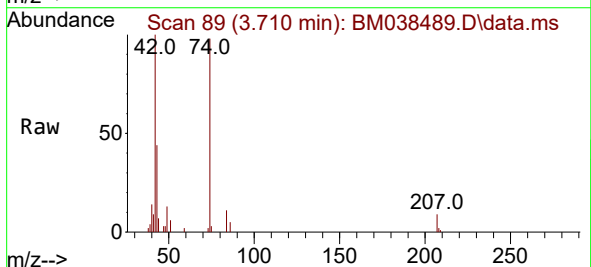
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MDL-WATER-03-QT3-2022

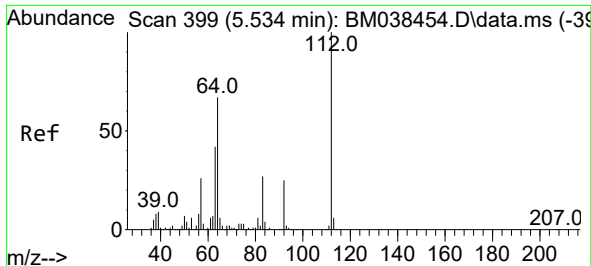
Tgt Ion: 79 Resp: 23378  
Ion Ratio Lower Upper  
79 100  
52 88.7 62.2 93.2  
51 58.6 34.8 52.2#



#4  
n-Nitrosodimethylamine  
Concen: 8.229 ng  
RT: 3.710 min Scan# 89  
Delta R.T. 0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion: 42 Resp: 20442  
Ion Ratio Lower Upper  
42 100  
74 97.6 79.7 119.5  
44 7.1 4.7 7.1

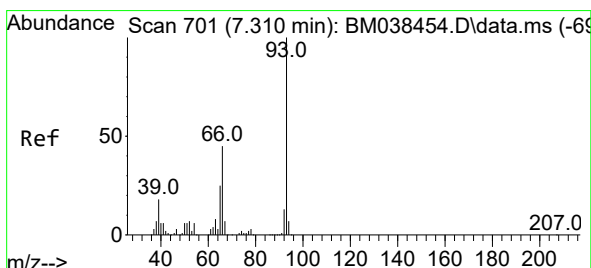
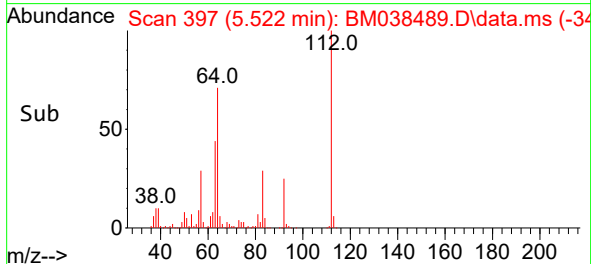
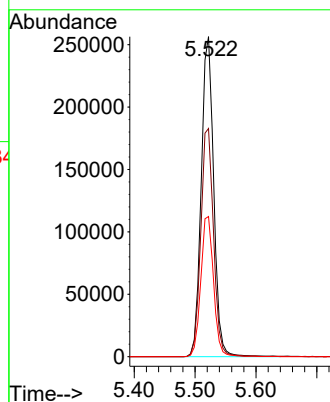
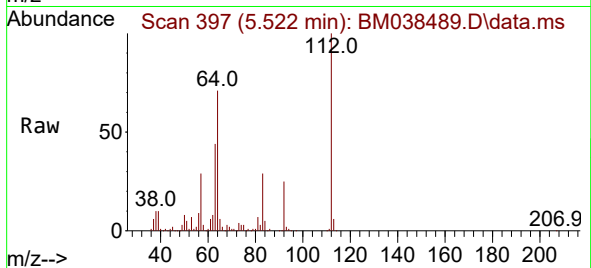




#5  
2-Fluorophenol  
Concen: 114.495 ng  
RT: 5.522 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

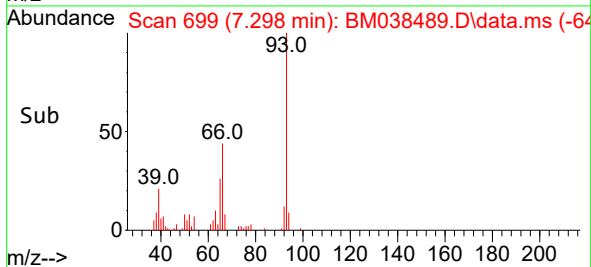
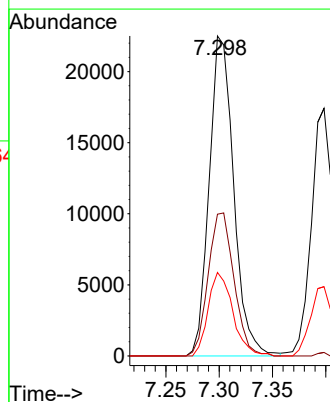
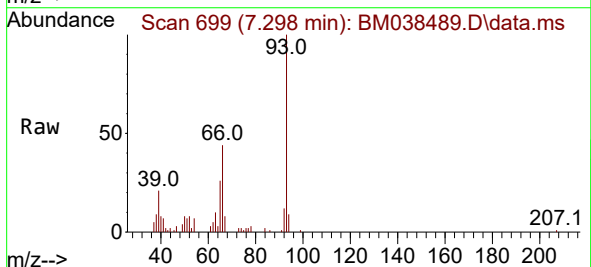
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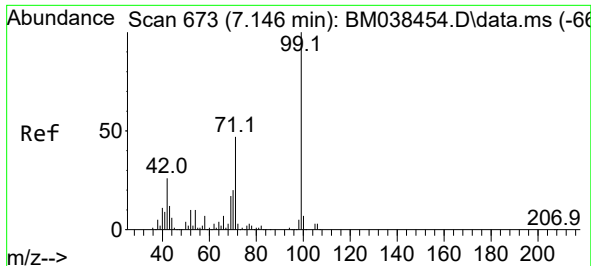
Tgt Ion:112 Resp: 363648  
Ion Ratio Lower Upper  
112 100  
64 71.3 53.7 80.5  
63 43.8 33.7 50.5



#6  
Aniline  
Concen: 7.003 ng  
RT: 7.298 min Scan# 699  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
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Tgt Ion: 93 Resp: 35989  
Ion Ratio Lower Upper  
93 100  
66 44.3 36.2 54.2  
65 26.1 19.8 29.8

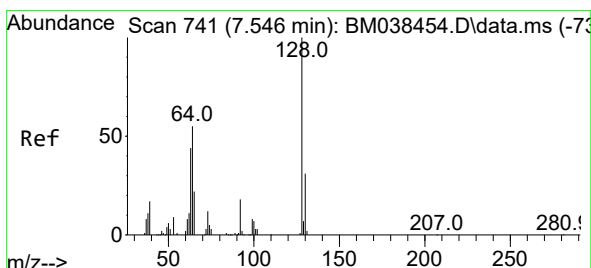
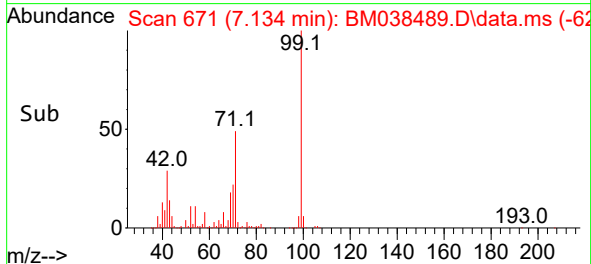
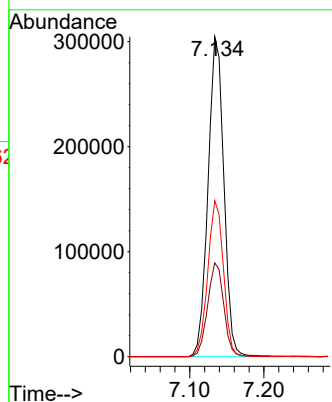
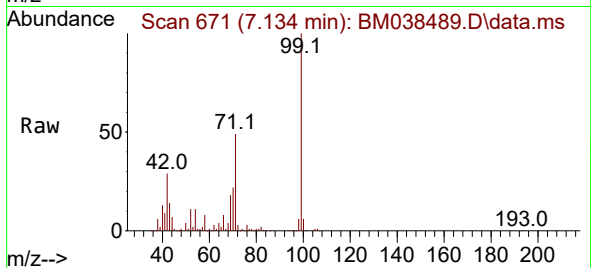




#7  
Phenol-d6  
Concen: 111.220 ng  
RT: 7.134 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

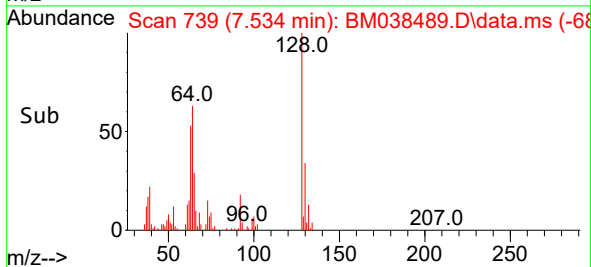
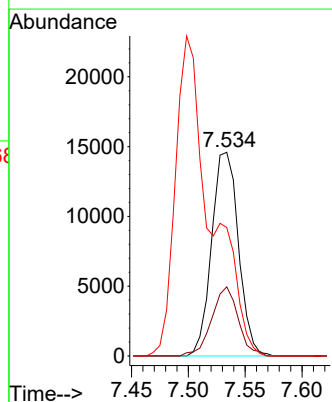
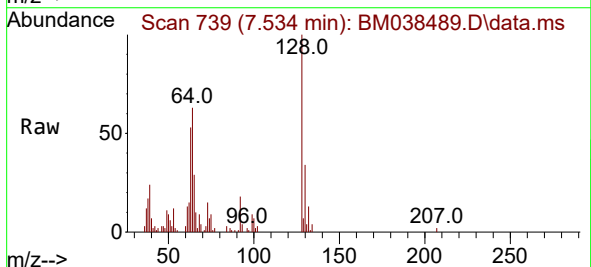
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

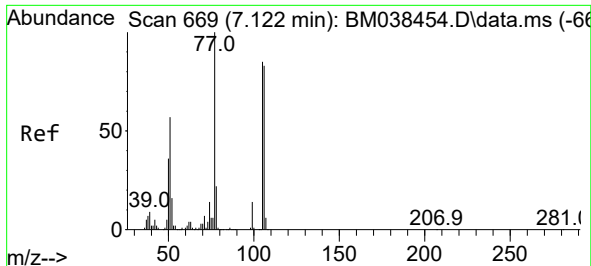
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Ion Ratio Lower Upper  
99 100  
42 29.3 20.8 31.2  
71 48.7 37.8 56.8



#8  
2-Chlorophenol  
Concen: 7.612 ng  
RT: 7.534 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion: 128 Resp: 23936  
Ion Ratio Lower Upper  
128 100  
130 33.9 11.5 51.5  
64 63.1 38.0 78.0

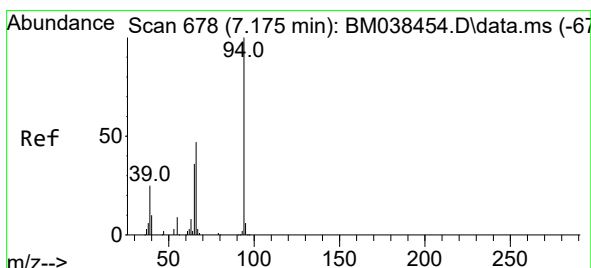
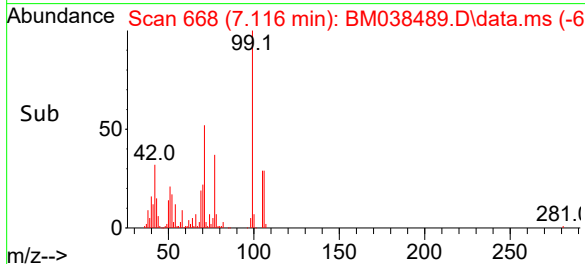
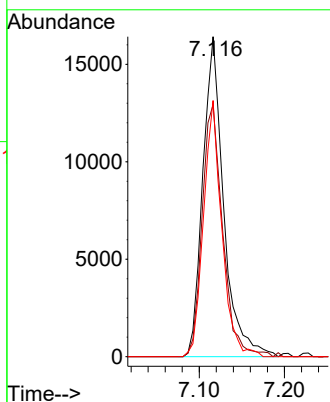
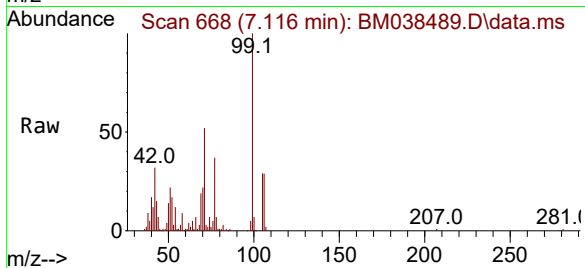




#9  
Benzaldehyde  
Concen: 10.261 ng  
RT: 7.116 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

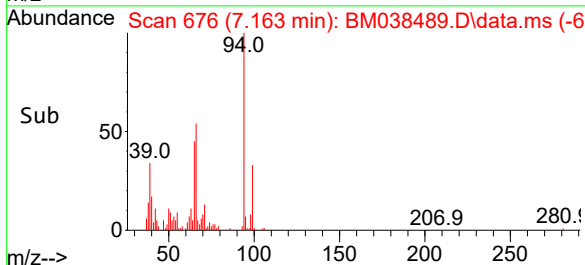
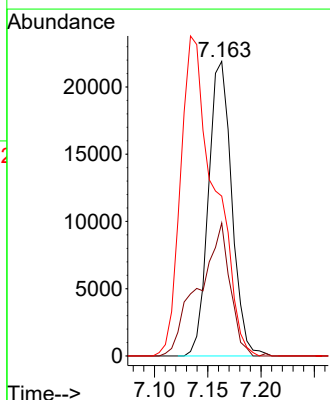
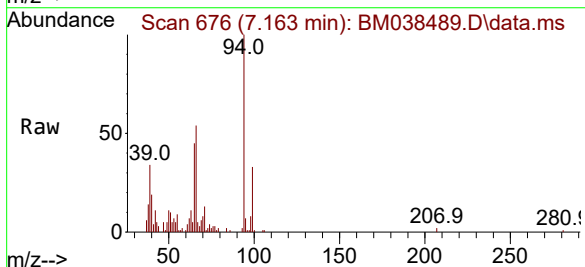
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 27917  
Ion Ratio Lower Upper  
77 100  
105 78.8 65.3 105.3  
106 80.0 62.5 102.5

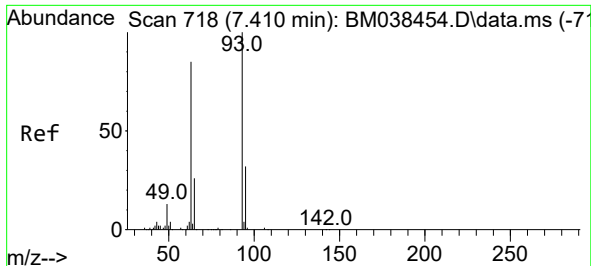


#10  
Phenol  
Concen: 7.849 ng  
RT: 7.163 min Scan# 676  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion: 94 Resp: 33279  
Ion Ratio Lower Upper  
94 100  
65 45.1 16.3 56.3  
66 54.3 29.2 69.2



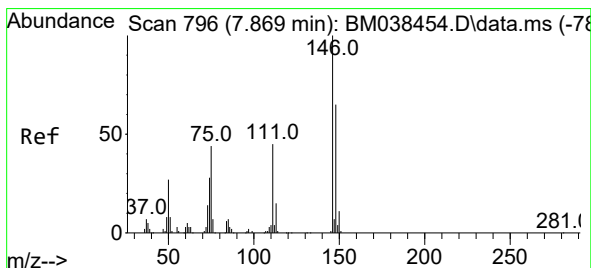
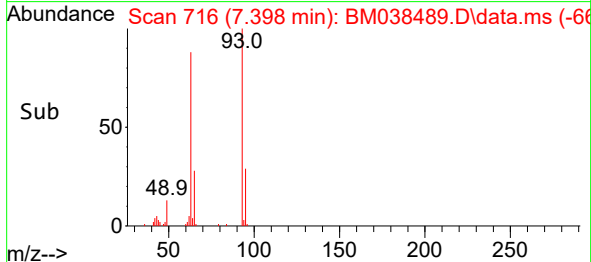
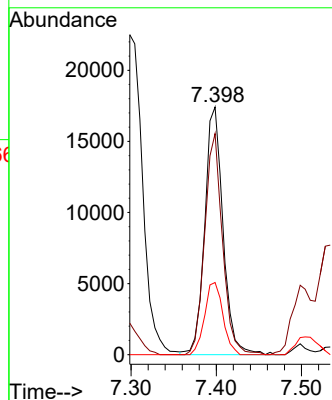
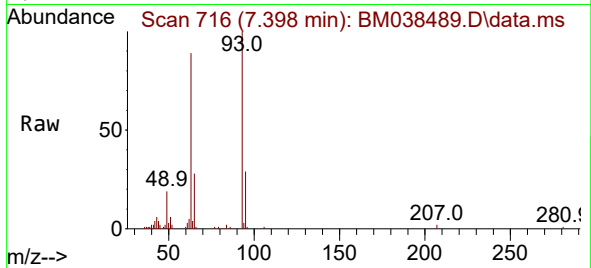




#11  
bis(2-Chloroethyl)ether  
Concen: 7.576 ng  
RT: 7.398 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

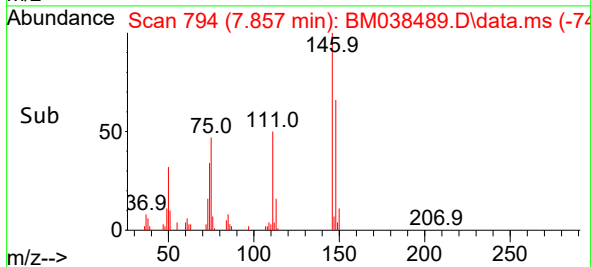
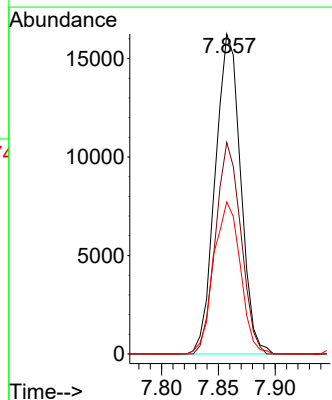
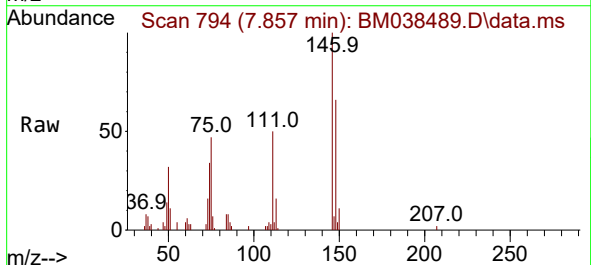
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

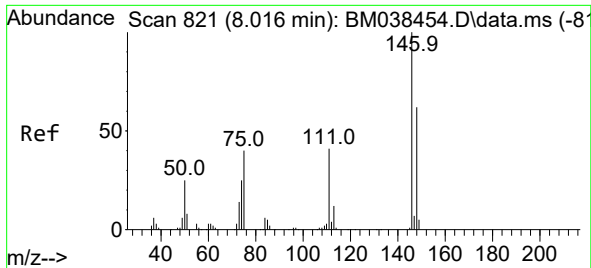
Tgt Ion: 93 Resp: 26030  
Ion Ratio Lower Upper  
93 100  
63 89.2 64.6 104.6  
95 29.1 12.0 52.0



#12  
1,3-Dichlorobenzene  
Concen: 7.503 ng  
RT: 7.857 min Scan# 794  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:146 Resp: 25274  
Ion Ratio Lower Upper  
146 100  
148 66.1 51.8 77.8  
75 47.5 35.1 52.7

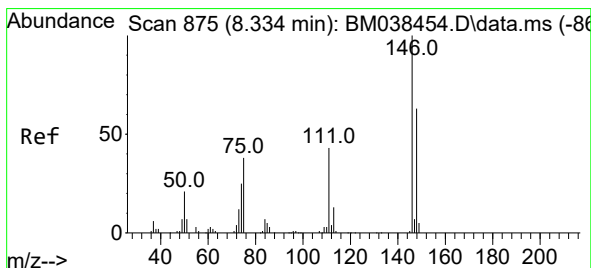
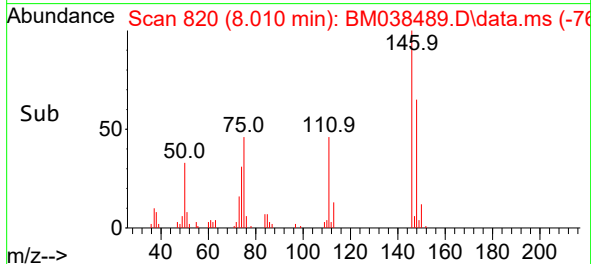
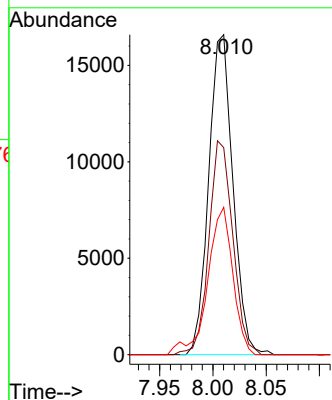
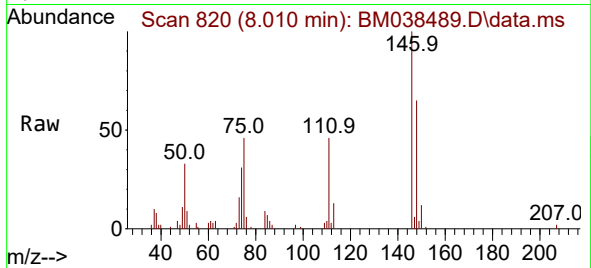




#13  
1,4-Dichlorobenzene  
Concen: 7.751 ng  
RT: 8.010 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

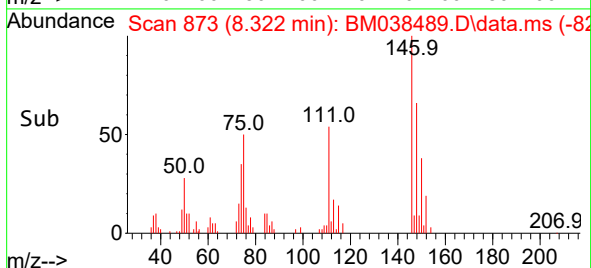
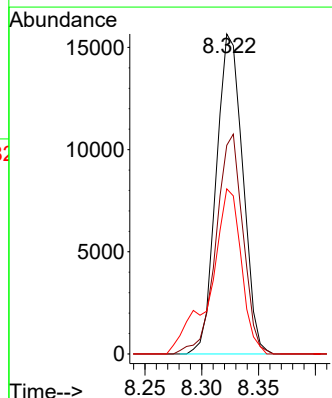
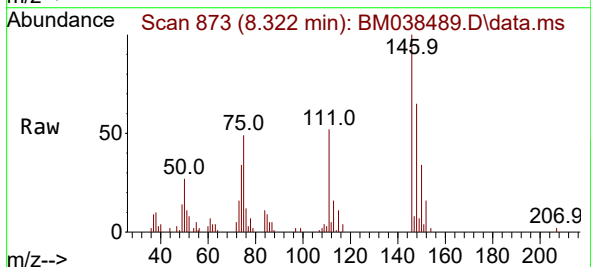
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

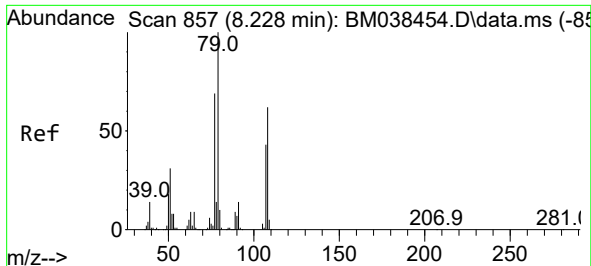
Tgt Ion:146 Resp: 26268  
Ion Ratio Lower Upper  
146 100  
148 64.7 50.1 75.1  
111 46.1 32.8 49.2



#14  
1,2-Dichlorobenzene  
Concen: 7.670 ng  
RT: 8.322 min Scan# 873  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:146 Resp: 25417  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.7 76.1  
111 51.6 35.2 52.8

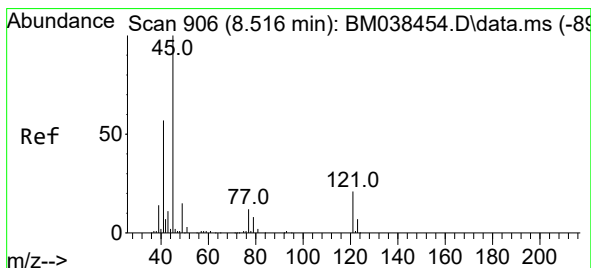
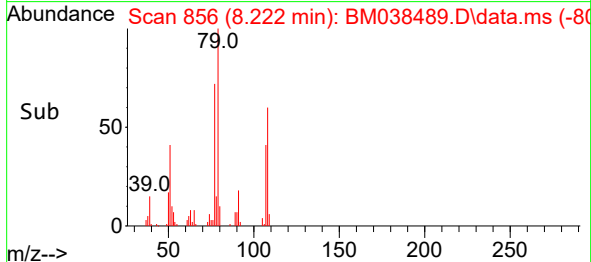
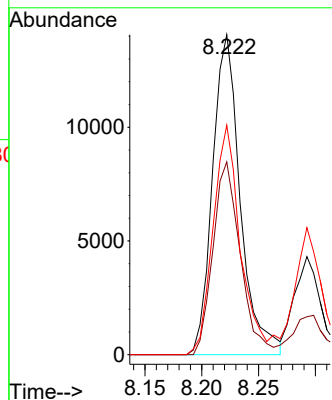
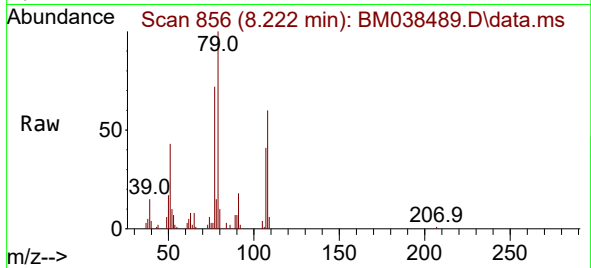




#15  
Benzyl Alcohol  
Concen: 7.323 ng  
RT: 8.222 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

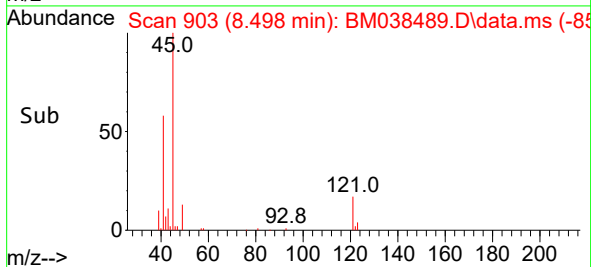
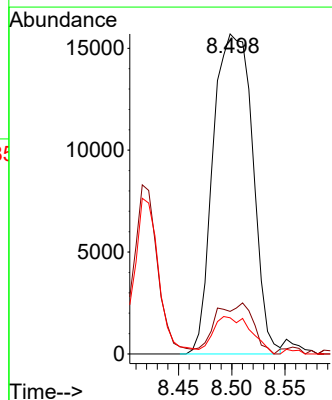
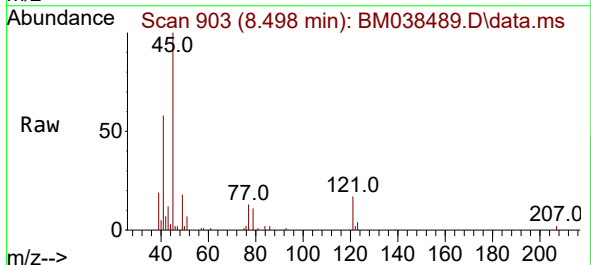
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

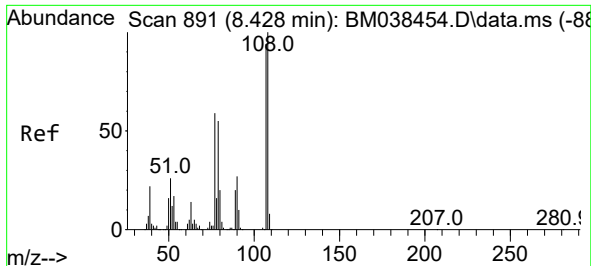
Tgt Ion: 79 Resp: 23864  
Ion Ratio Lower Upper  
79 100  
108 60.2 49.3 73.9  
77 71.7 55.1 82.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 8.436 ng  
RT: 8.498 min Scan# 903  
Delta R.T. -0.012 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion: 45 Resp: 40409  
Ion Ratio Lower Upper  
45 100  
77 13.3 0.0 34.7  
79 11.3 0.0 30.4

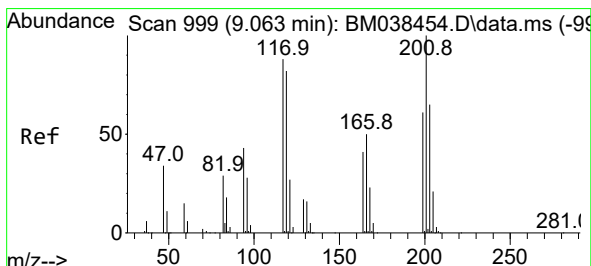
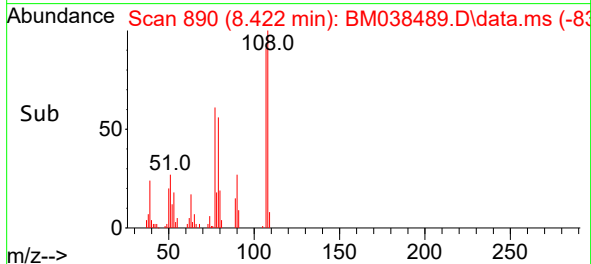
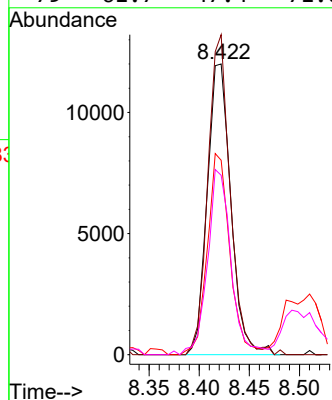
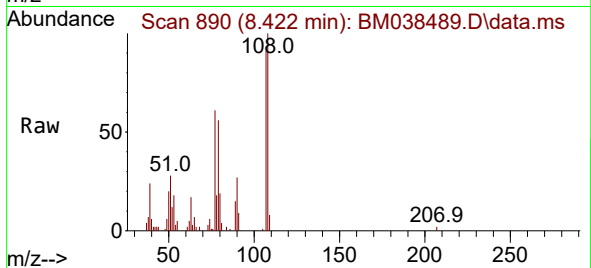




#17  
2-Methylphenol  
Concen: 6.884 ng  
RT: 8.422 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

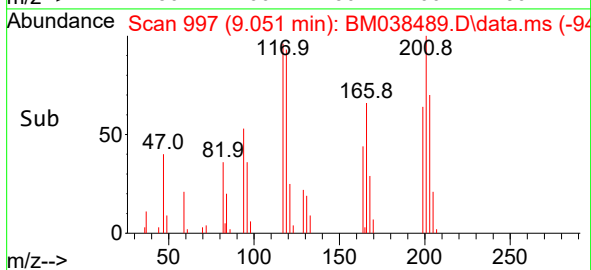
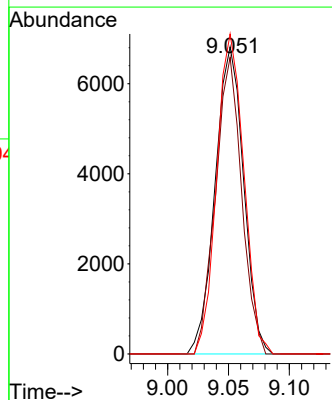
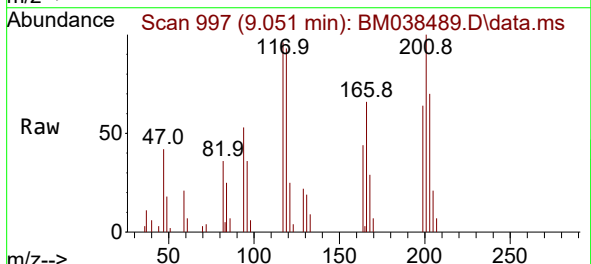
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

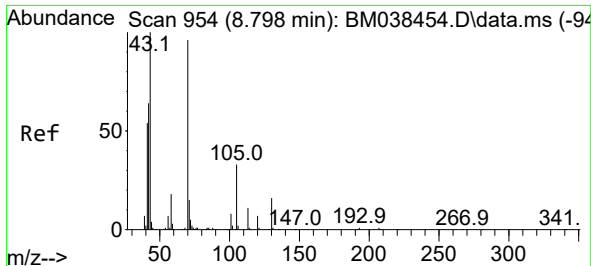
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 19714 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 110.1 | 85.7  | 128.5 |
| 77       | 66.9  | 50.5  | 75.7  |
| 79       | 61.7  | 47.4  | 71.0  |



#18  
Hexachloroethane  
Concen: 7.990 ng  
RT: 9.051 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 11091 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.6  | 74.5  | 111.7 |
| 201      | 104.1 | 91.3  | 136.9 |

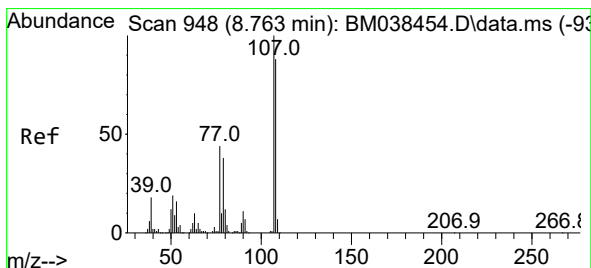
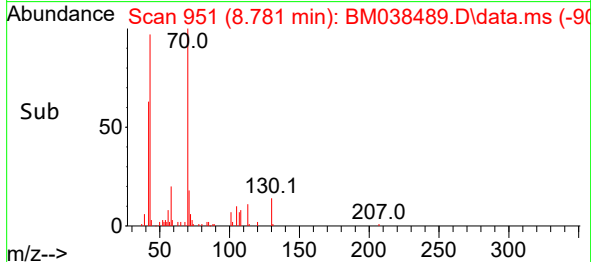
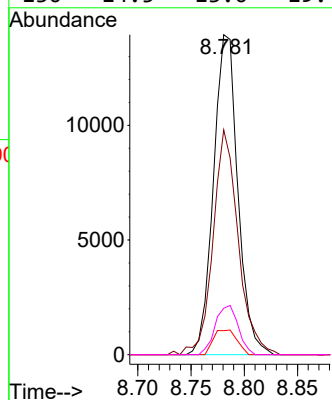
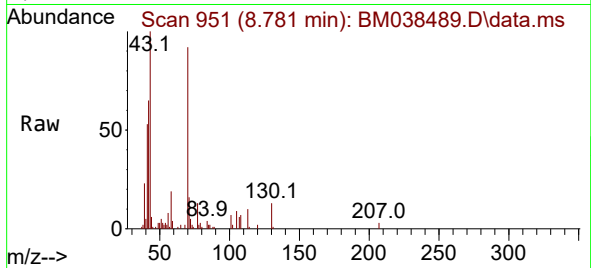




#19  
n-Nitroso-di-n-propylamine  
Concen: 7.518 ng  
RT: 8.781 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

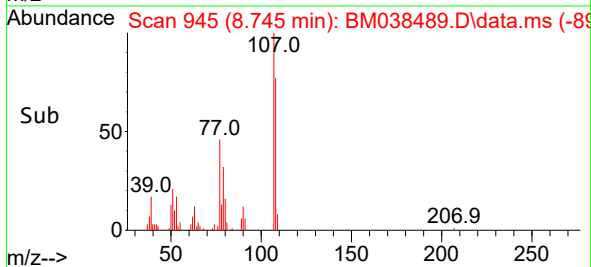
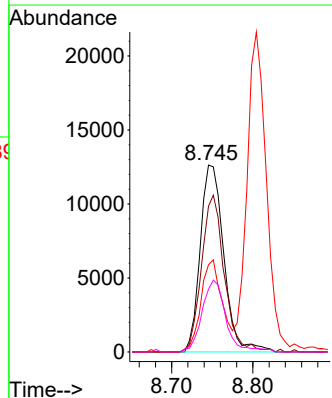
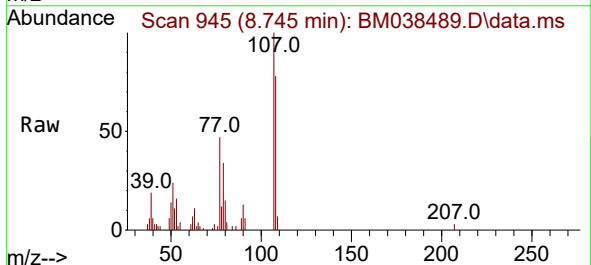
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

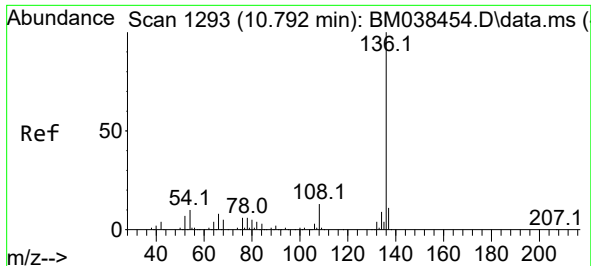
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 22202 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 70.2  | 54.2  | 81.2  |
| 101      | 7.5   | 6.6   | 10.0  |
| 130      | 14.5  | 13.0  | 19.4  |



#20  
3+4-Methylphenols  
Concen: 6.631 ng  
RT: 8.745 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 25493 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 78.0  | 67.6  | 107.6 |
| 77       | 46.6  | 24.1  | 64.1  |
| 79       | 33.6  | 17.8  | 57.8  |

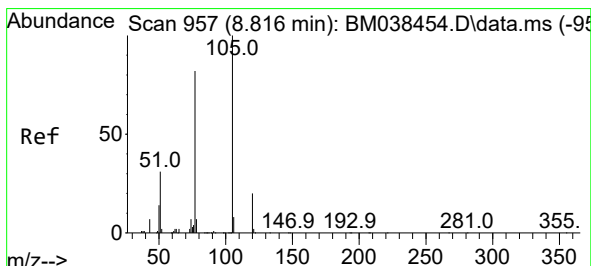
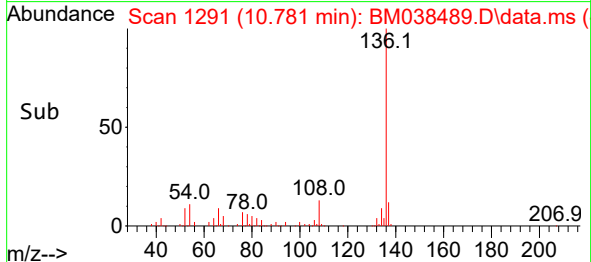
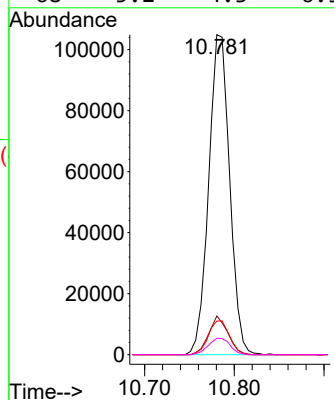
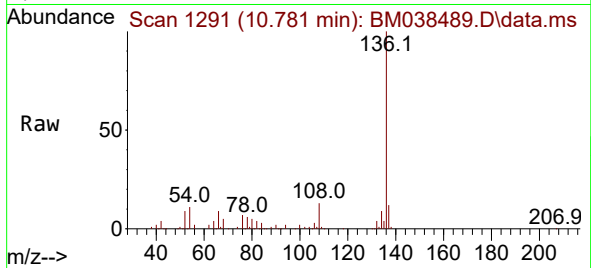




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.781 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

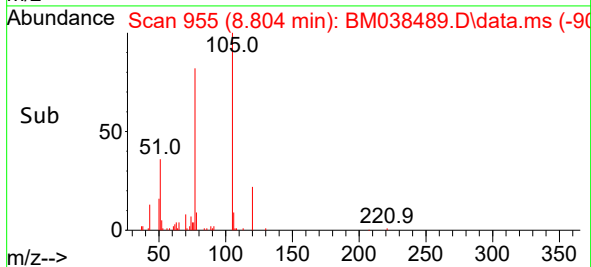
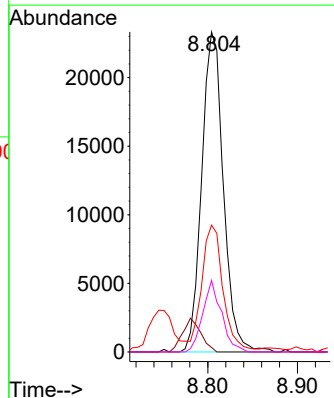
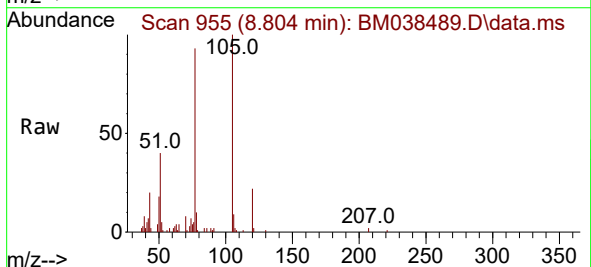
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

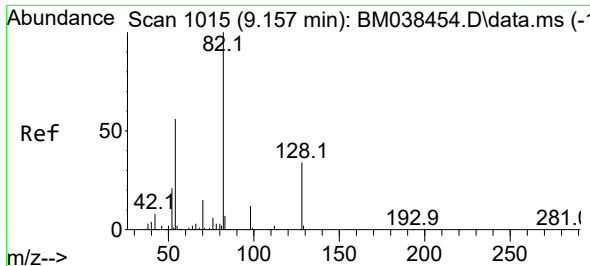
Tgt Ion:136 Resp: 170104  
Ion Ratio Lower Upper  
136 100  
137 12.1 9.0 13.4  
54 10.5 7.6 11.4  
68 5.2 4.3 6.5



#22  
Acetophenone  
Concen: 7.770 ng  
RT: 8.804 min Scan# 955  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:105 Resp: 39067  
Ion Ratio Lower Upper  
105 100  
71 1.4 1.0 1.6  
51 39.6 27.4 41.2  
120 22.4 15.6 23.4





#23

Nitrobenzene-d5

Concen: 76.545 ng

RT: 9.145 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

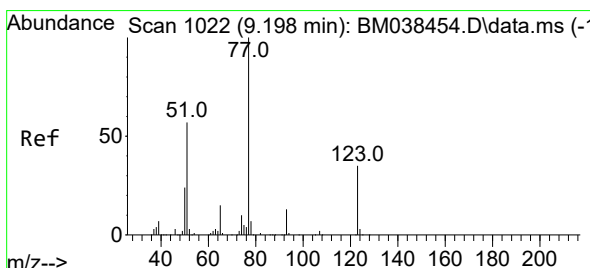
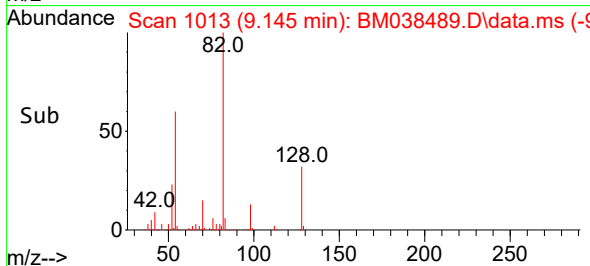
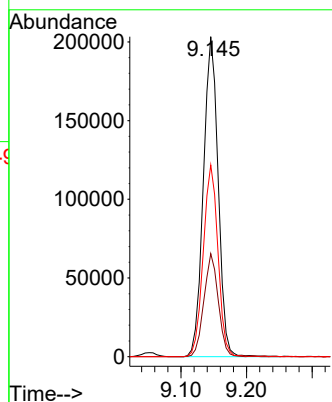
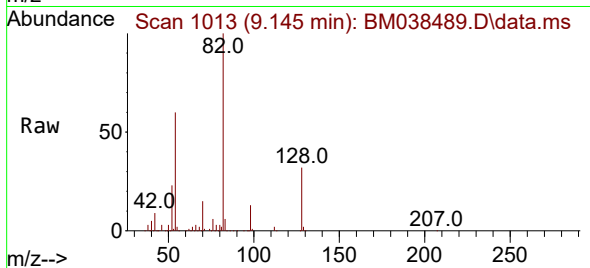
Tgt Ion: 82 Resp: 319563

Ion Ratio Lower Upper

82 100

128 32.2 27.0 40.6

54 59.9 45.0 67.6



#24

Nitrobenzene

Concen: 8.295 ng

RT: 9.187 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

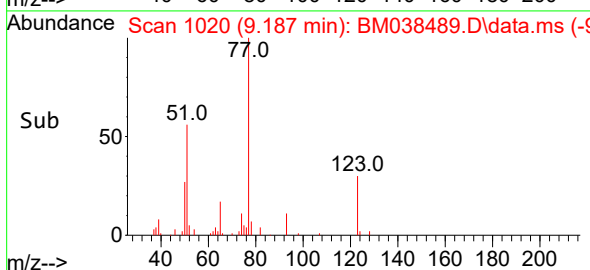
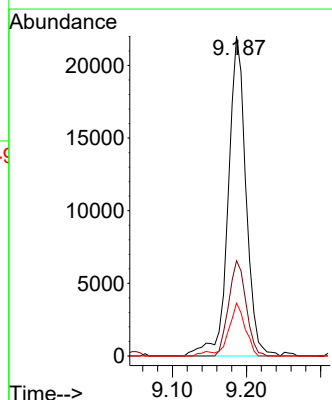
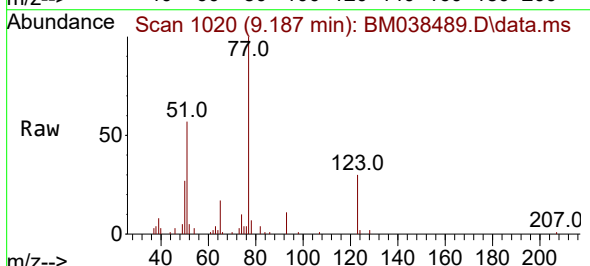
Tgt Ion: 77 Resp: 36588

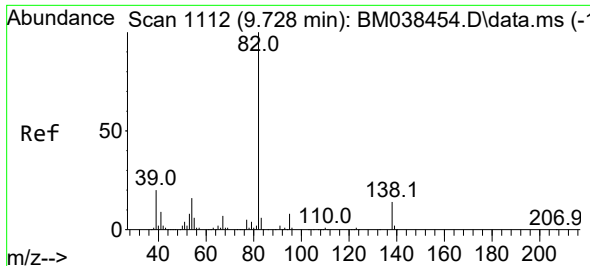
Ion Ratio Lower Upper

77 100

123 29.8 28.2 42.4

65 16.5 12.1 18.1





#25

Isophorone

Concen: 7.189 ng

RT: 9.710 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

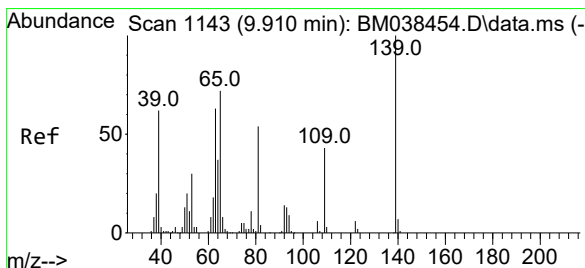
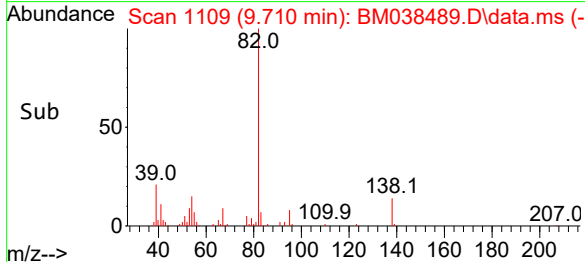
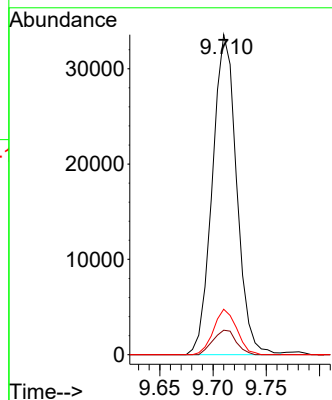
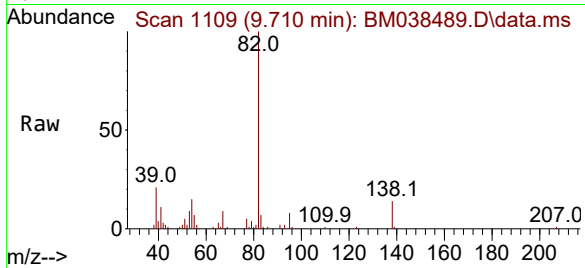
Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 53162 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 7.6   | 6.1   | 9.1   |
| 138       | 14.2  | 11.5  | 17.3  |



#26

2-Nitrophenol

Concen: 6.695 ng

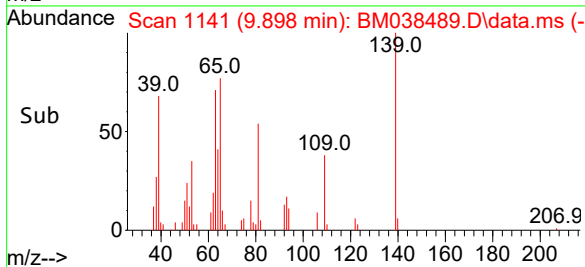
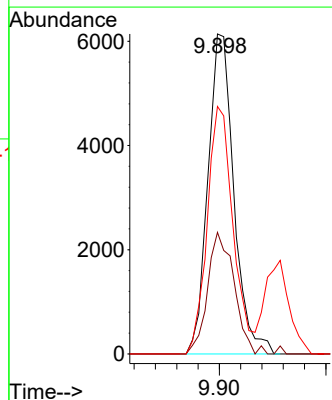
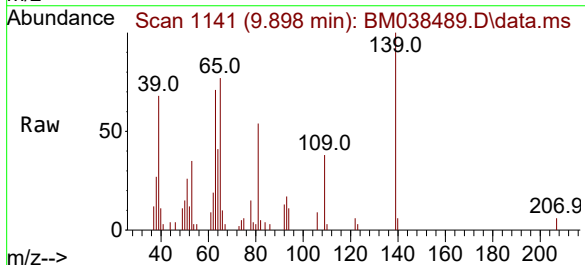
RT: 9.898 min Scan# 1141

Delta R.T. -0.006 min

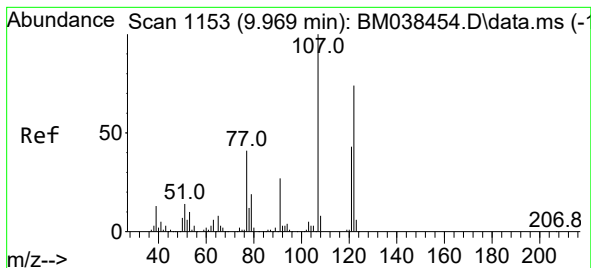
Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 10368 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 38.0  | 34.7  | 52.1  |
| 65        | 77.3  | 57.4  | 86.0  |







#27

2,4-Dimethylphenol

Concen: 6.132 ng

RT: 9.957 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

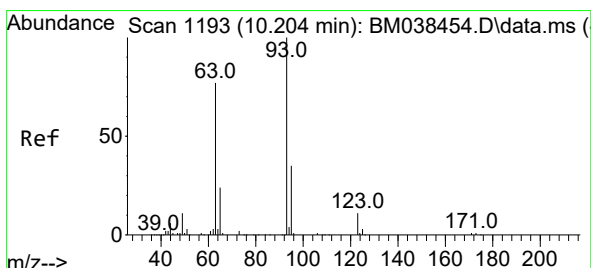
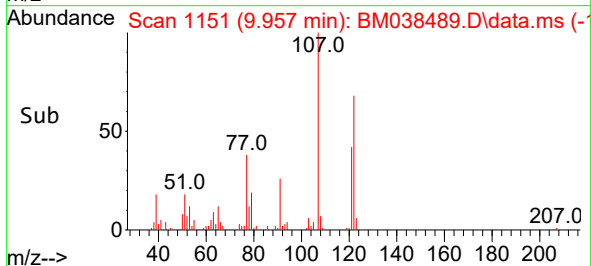
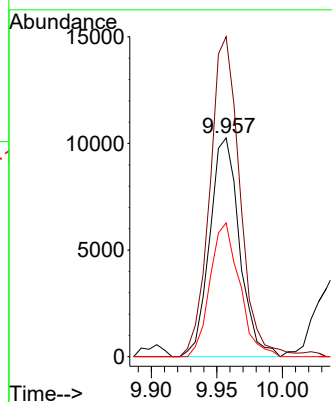
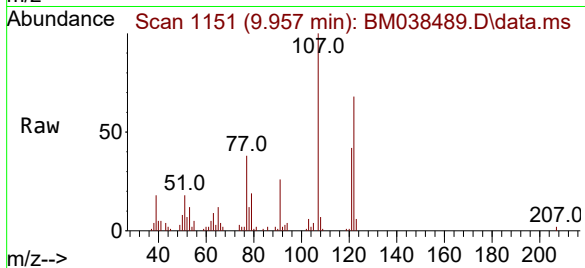
Tgt Ion:122 Resp: 16170

Ion Ratio Lower Upper

122 100

107 146.2 107.4 161.0

121 61.1 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 7.302 ng

RT: 10.192 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

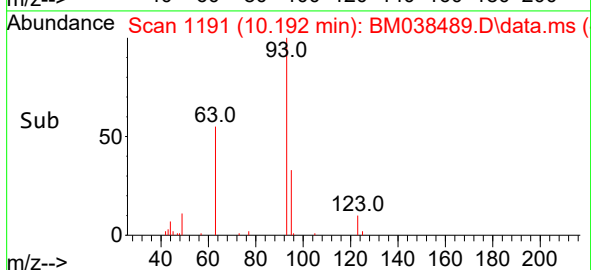
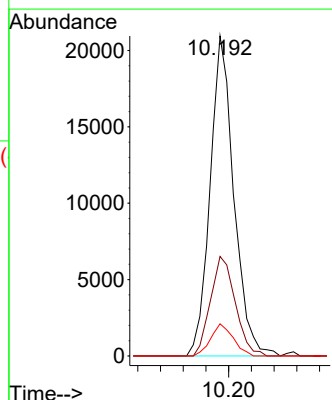
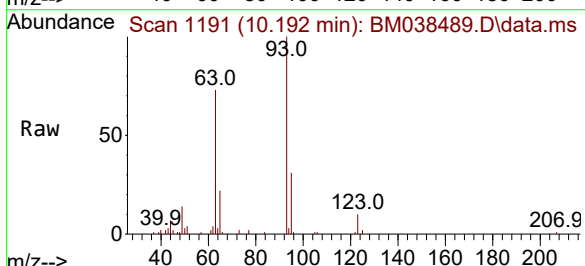
Tgt Ion: 93 Resp: 30369

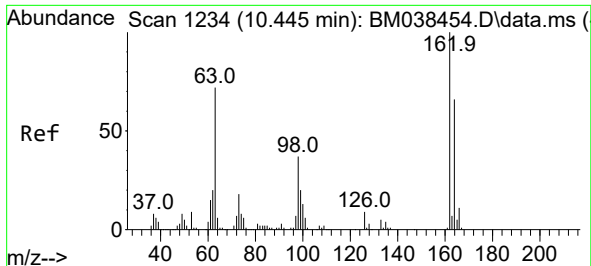
Ion Ratio Lower Upper

93 100

95 31.1 27.7 41.5

123 10.0 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 6.601 ng

RT: 10.434 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

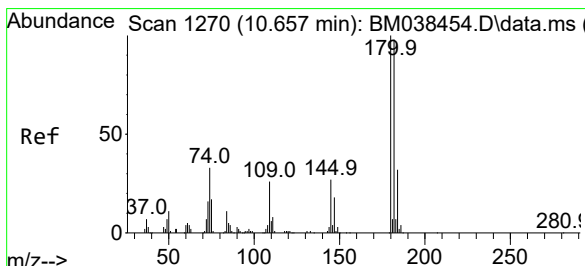
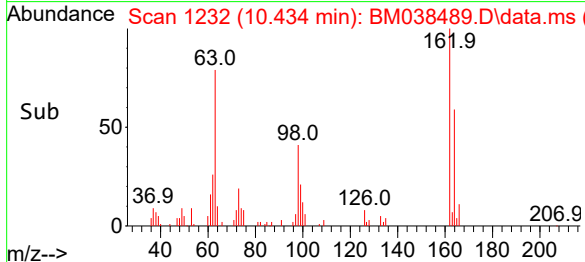
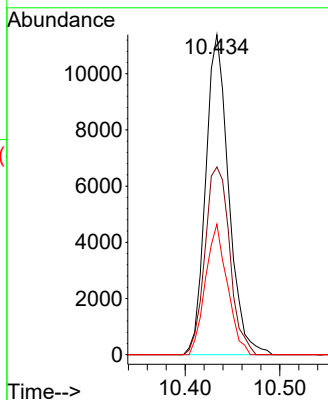
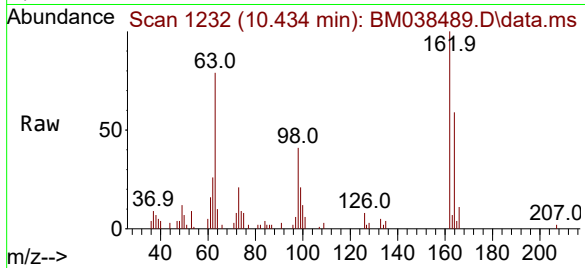
Tgt Ion:162 Resp: 19231

Ion Ratio Lower Upper

162 100

164 58.7 46.5 86.5

98 40.8 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 7.200 ng

RT: 10.645 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

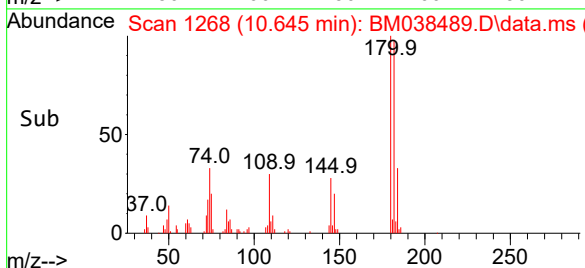
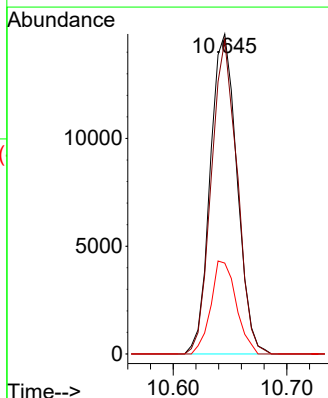
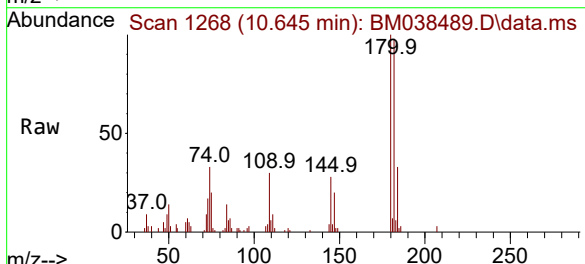
Tgt Ion:180 Resp: 24254

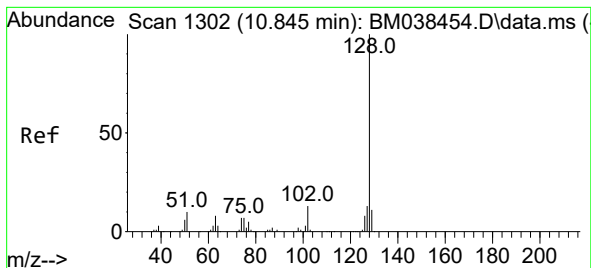
Ion Ratio Lower Upper

180 100

182 98.1 78.1 117.1

145 28.4 21.9 32.9





#31

Naphthalene

Concen: 7.220 ng

RT: 10.833 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

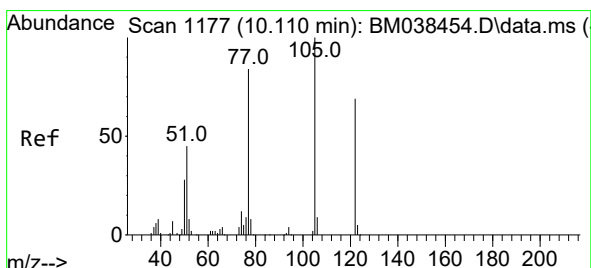
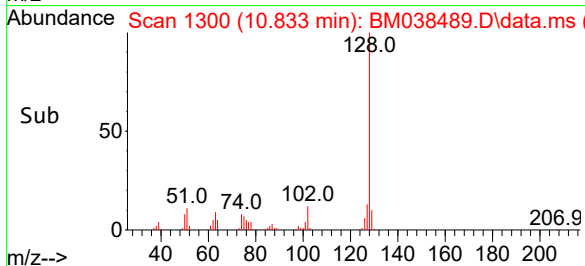
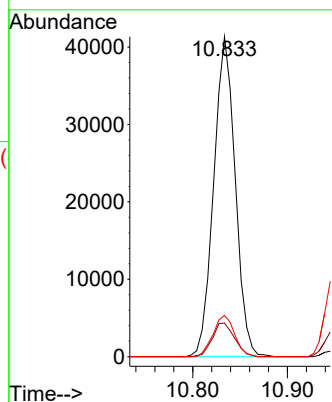
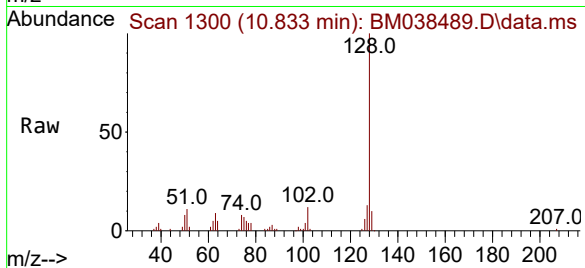
Tgt Ion:128 Resp: 65085

Ion Ratio Lower Upper

128 100

129 10.5 8.9 13.3

127 12.9 10.8 16.2



#32

Benzoic acid

Concen: 8.675 ng

RT: 10.039 min Scan# 1165

Delta R.T. -0.059 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

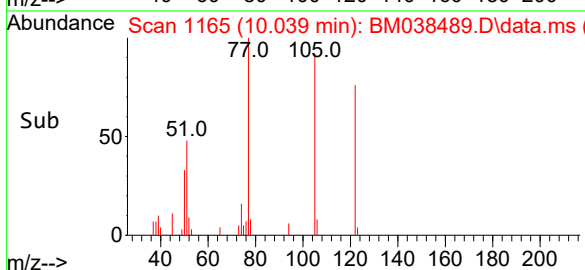
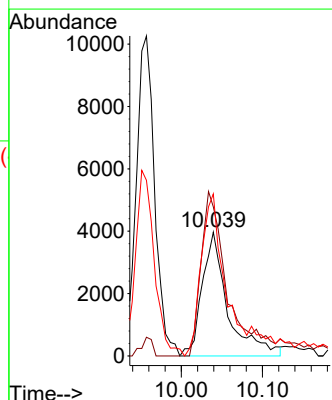
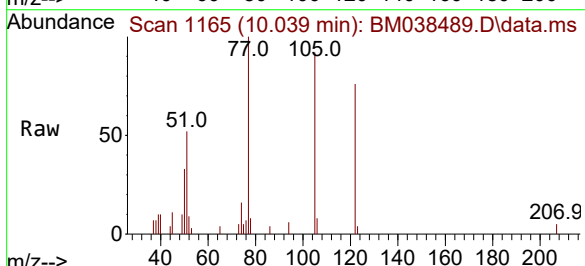
Tgt Ion:122 Resp: 8764

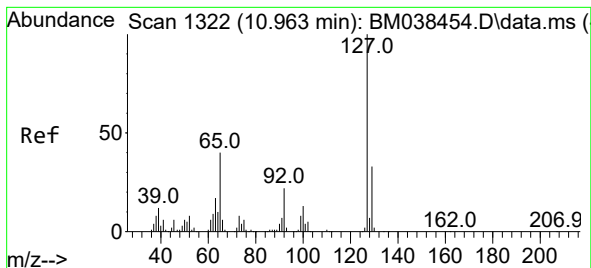
Ion Ratio Lower Upper

122 100

105 120.5 122.6 162.6#

77 130.9 101.5 141.5





#33

4-Chloroaniline

Concen: 6.307 ng

RT: 10.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038489.D

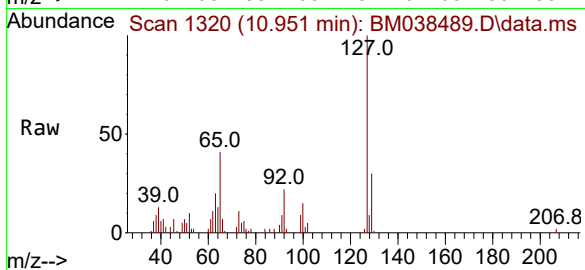
Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion:127 Resp: 24958

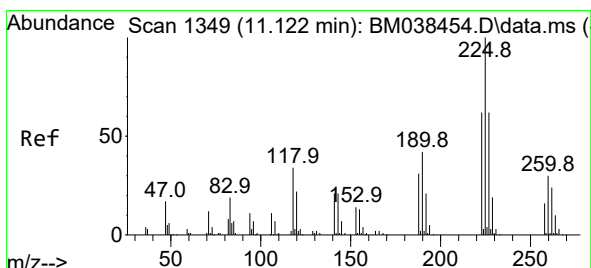
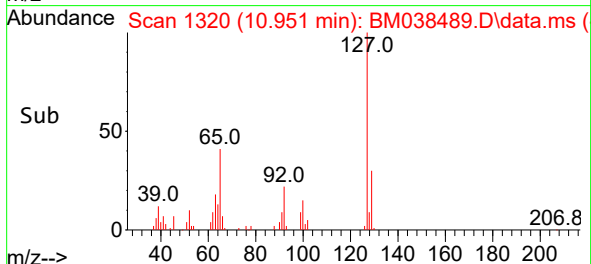
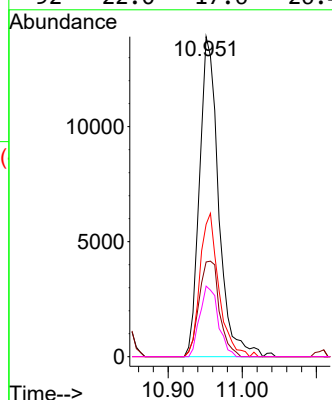
Ion Ratio Lower Upper

127 100

129 29.6 26.4 39.6

65 41.3 32.1 48.1

92 22.0 17.6 26.4



#34

Hexachlorobutadiene

Concen: 6.908 ng

RT: 11.104 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

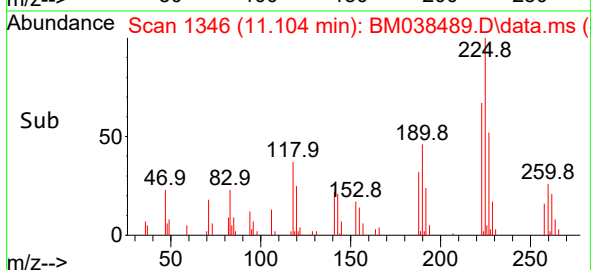
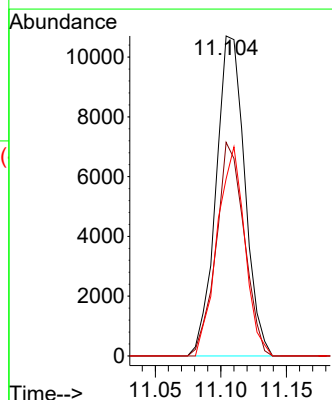
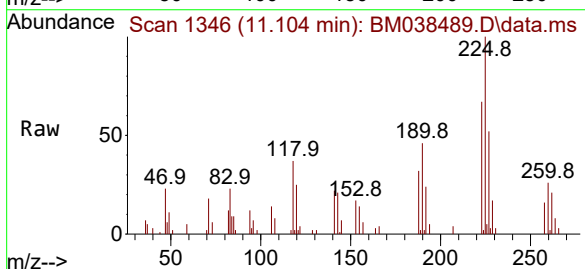
Tgt Ion:225 Resp: 16320

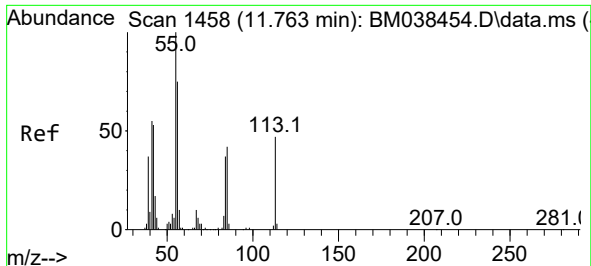
Ion Ratio Lower Upper

225 100

223 63.5 49.8 74.8

227 52.6 49.6 74.4

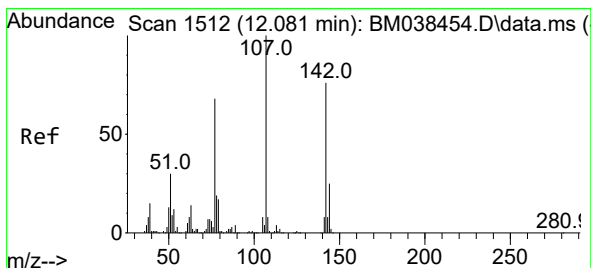
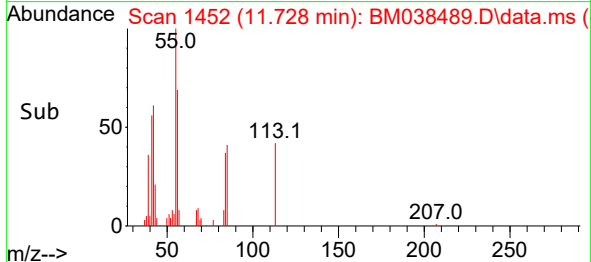
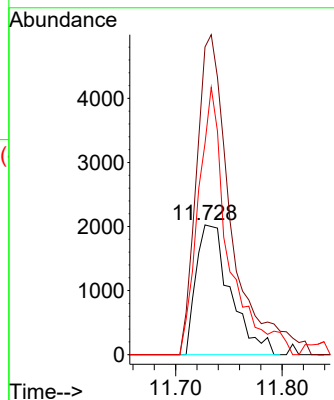
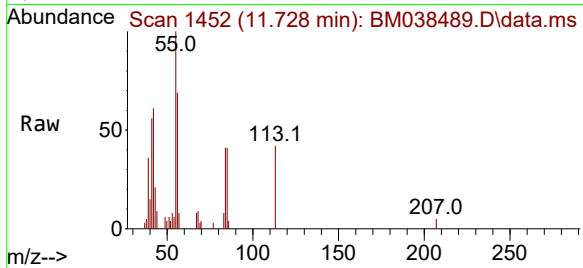




#35  
Caprolactam  
Concen: 5.530 ng  
RT: 11.728 min Scan# 1452  
Delta R.T. -0.023 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

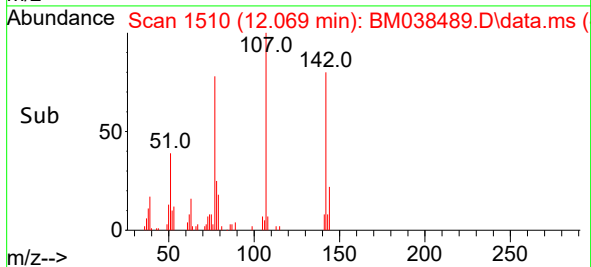
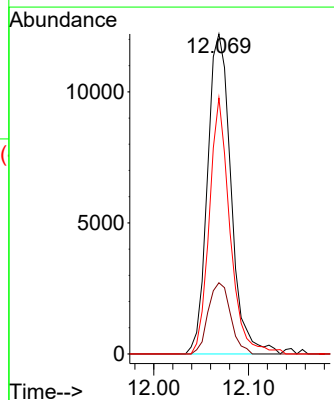
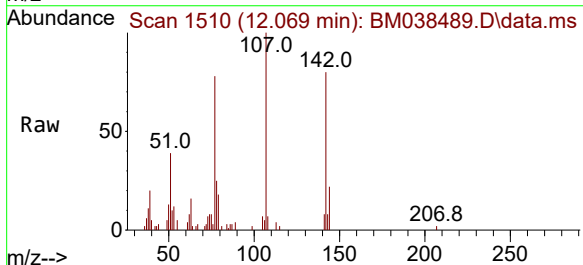
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

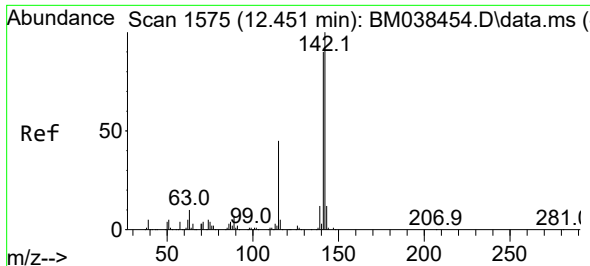
Tgt Ion:113 Resp: 4553  
Ion Ratio Lower Upper  
113 100  
55 237.1 194.2 234.2#  
56 162.8 141.6 181.6



#36  
4-Chloro-3-methylphenol  
Concen: 6.622 ng  
RT: 12.069 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:107 Resp: 21035  
Ion Ratio Lower Upper  
107 100  
144 22.2 20.3 30.5  
142 80.0 61.2 91.8

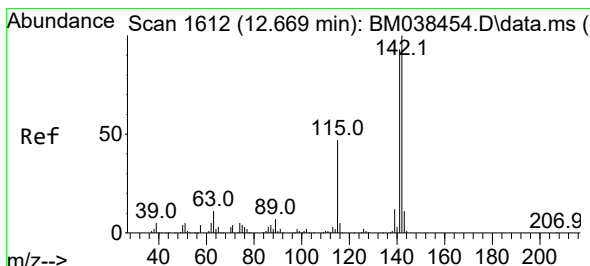
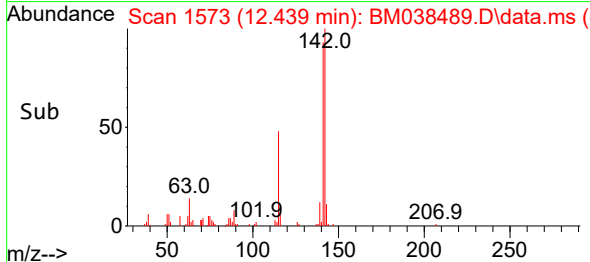
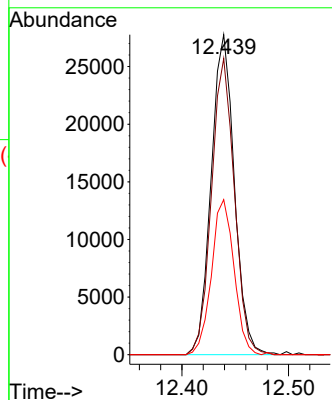
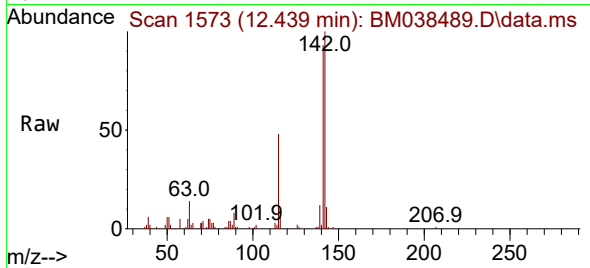




#37  
2-Methylnaphthalene  
Concen: 6.368 ng  
RT: 12.439 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

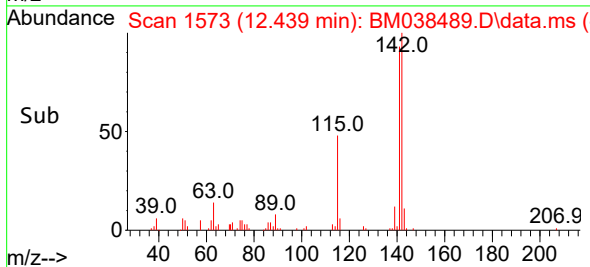
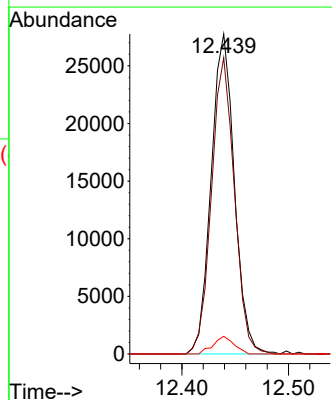
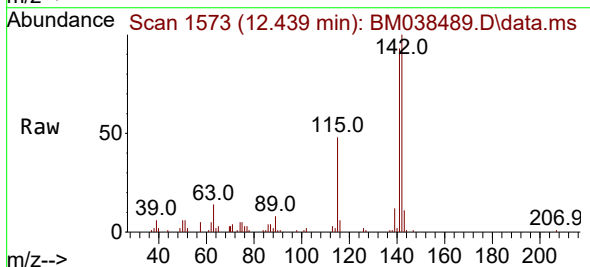
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-03-QT3-2022

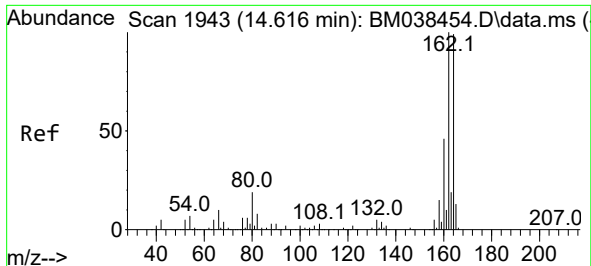
Tgt Ion:142 Resp: 41976  
Ion Ratio Lower Upper  
142 100  
141 92.6 72.0 108.0  
115 48.5 35.9 53.9



#38  
1-Methylnaphthalene  
Concen: 6.783 ng  
RT: 12.439 min Scan# 1573  
Delta R.T. -0.223 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:142 Resp: 41976  
Ion Ratio Lower Upper  
142 100  
141 92.6 74.4 111.6  
116 5.5 3.8 5.8

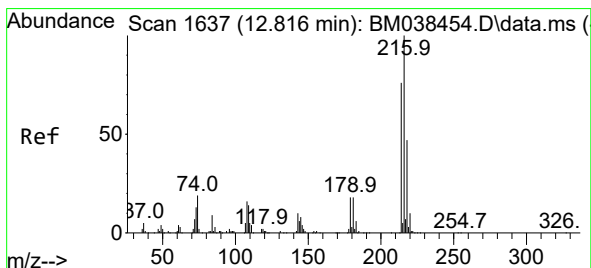
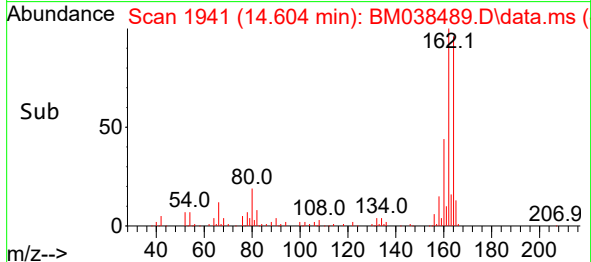
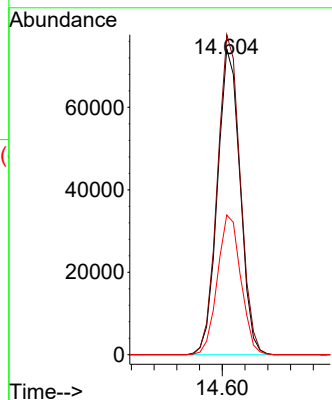
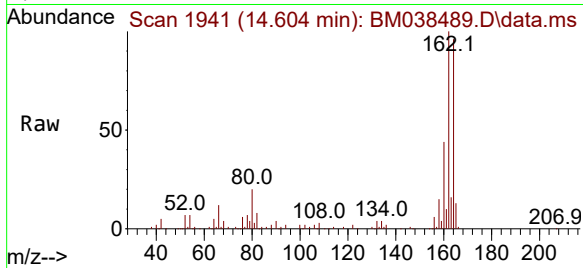




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.604 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

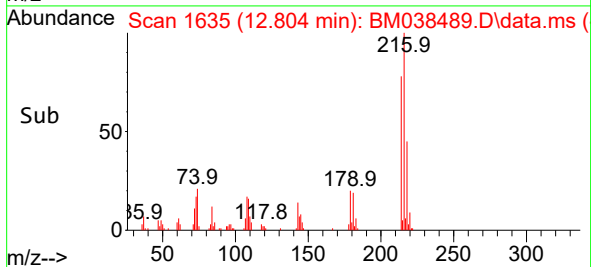
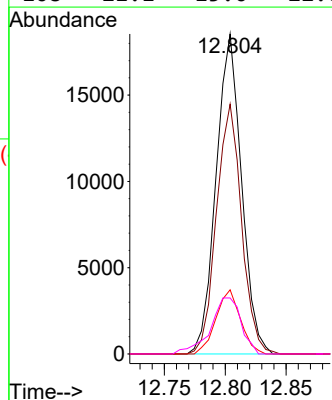
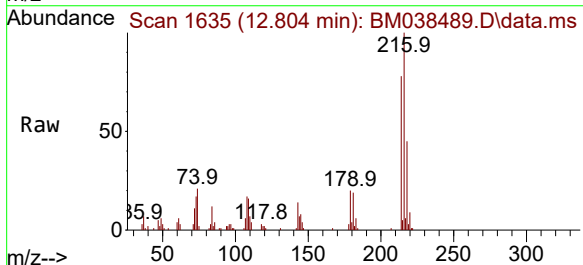
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

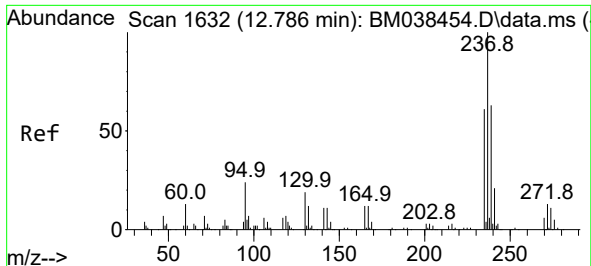
Tgt Ion:164 Resp: 102420  
Ion Ratio Lower Upper  
164 100  
162 104.7 80.9 121.3  
160 45.7 37.4 56.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 7.032 ng  
RT: 12.804 min Scan# 1635  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:216 Resp: 26956  
Ion Ratio Lower Upper  
216 100  
214 77.0 61.4 92.0  
179 19.4 15.3 22.9  
108 21.1 15.0 22.6

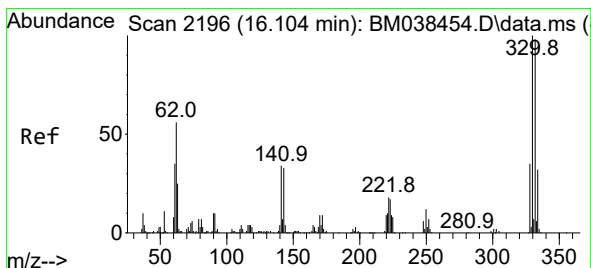
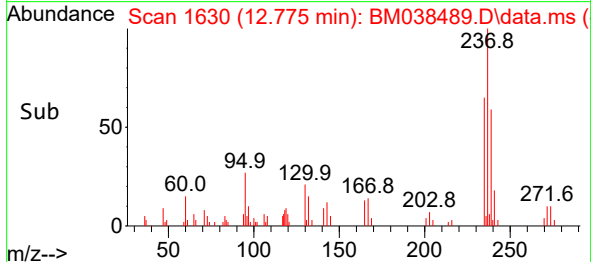
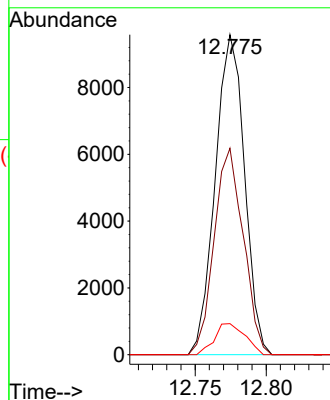
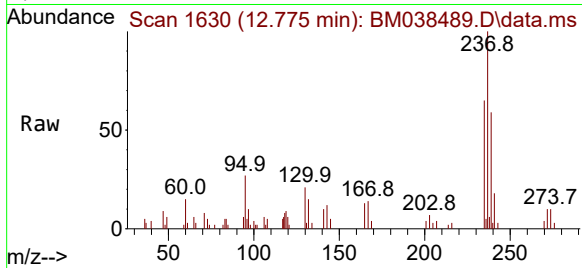




#41  
Hexachlorocyclopentadiene  
Concen: 6.298 ng  
RT: 12.775 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

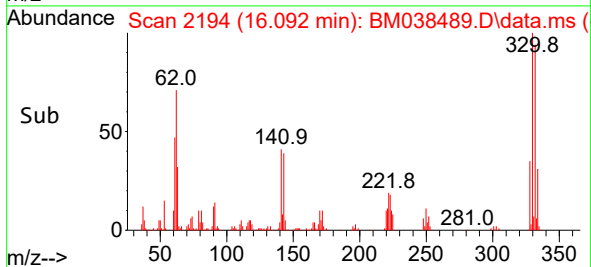
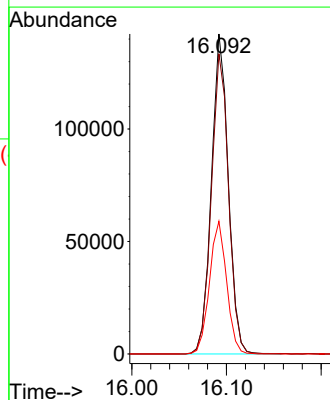
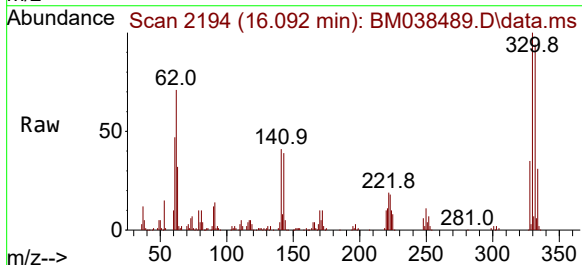
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

Tgt Ion:237 Resp: 13728  
Ion Ratio Lower Upper  
237 100  
235 64.5 40.9 80.9  
272 9.7 0.0 32.6

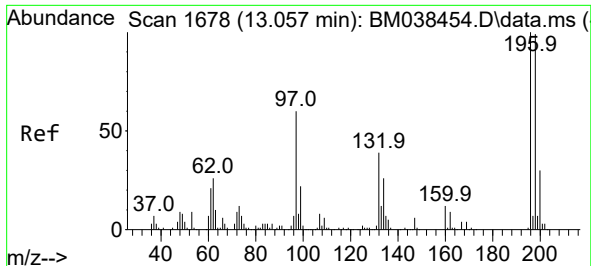


#42  
2,4,6-Tribromophenol  
Concen: 101.575 ng  
RT: 16.092 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:330 Resp: 175867  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.0 115.4  
141 42.0 28.1 42.1



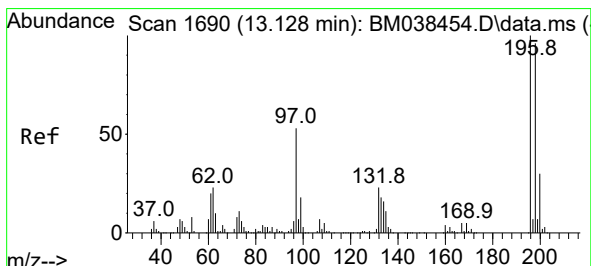
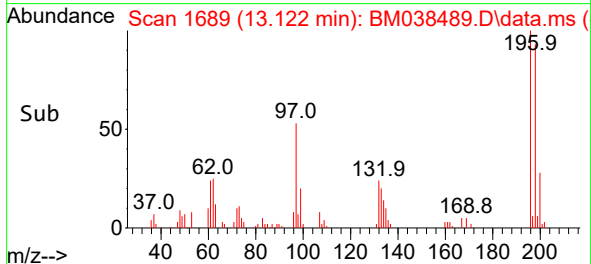
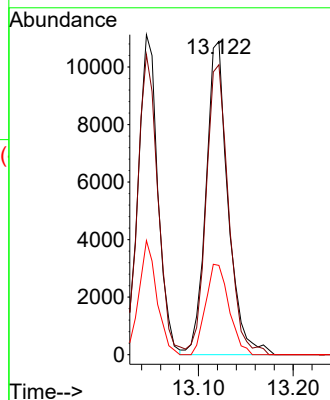
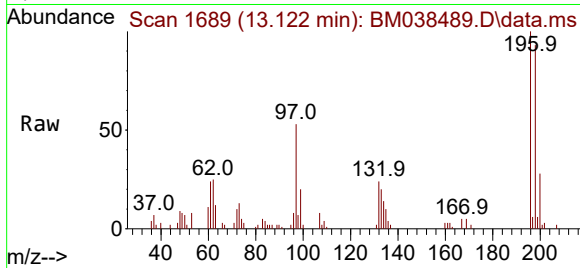




#43  
2,4,6-Trichlorophenol  
Concen: 7.298 ng  
RT: 13.122 min Scan# 1689  
Delta R.T. 0.071 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

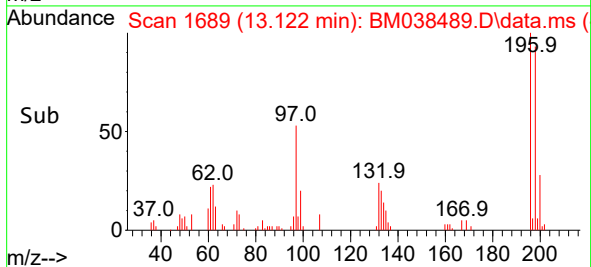
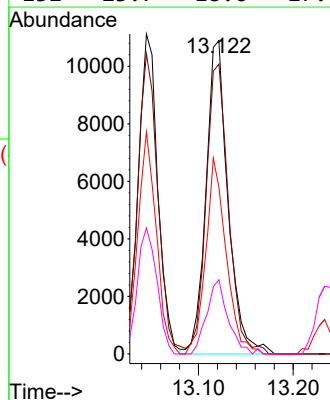
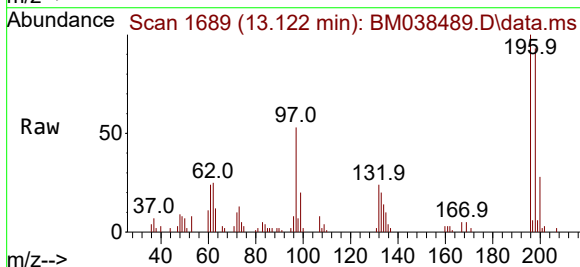
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

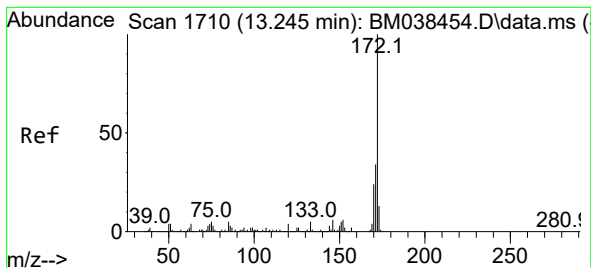
Tgt Ion:196 Resp: 17685  
Ion Ratio Lower Upper  
196 100  
198 92.6 78.8 118.2  
200 28.5 24.4 36.6



#44  
2,4,5-Trichlorophenol  
Concen: 6.190 ng  
RT: 13.122 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:196 Resp: 17685  
Ion Ratio Lower Upper  
196 100  
198 92.6 77.4 116.2  
97 53.3 42.4 63.6  
132 23.7 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 69.823 ng

RT: 13.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

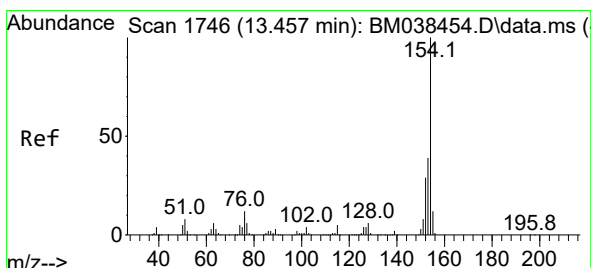
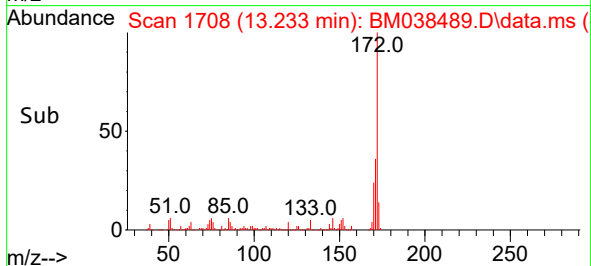
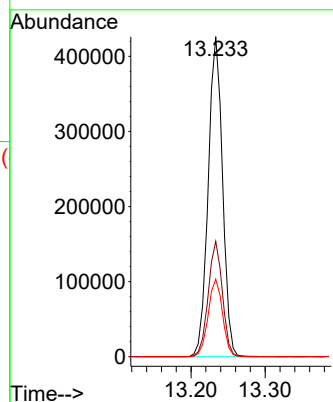
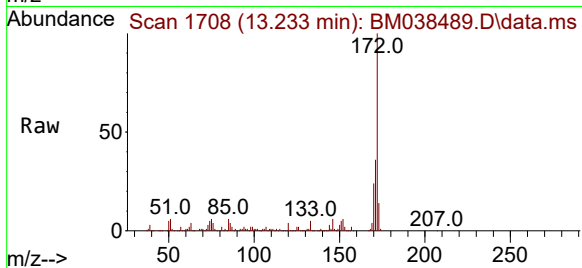
Tgt Ion:172 Resp: 573426

Ion Ratio Lower Upper

172 100

171 36.1 27.5 41.3

170 24.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 7.194 ng

RT: 13.445 min Scan# 1744

Delta R.T. 0.000 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

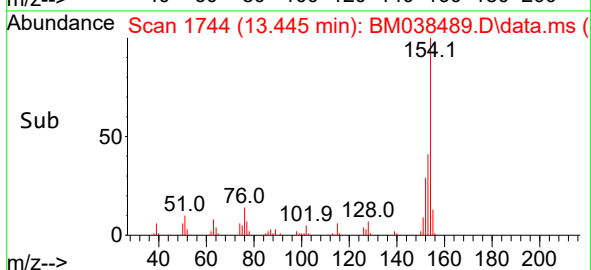
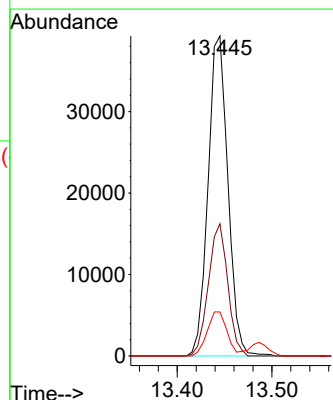
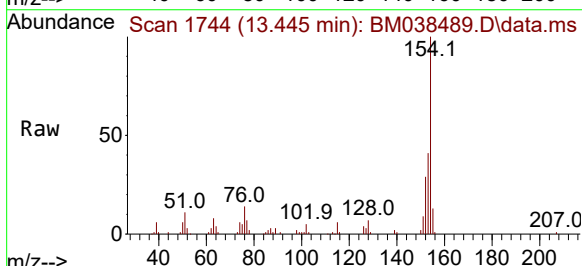
Tgt Ion:154 Resp: 57165

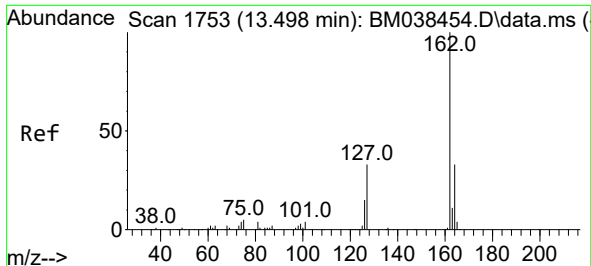
Ion Ratio Lower Upper

154 100

153 41.3 19.3 59.3

76 13.8 0.0 32.2

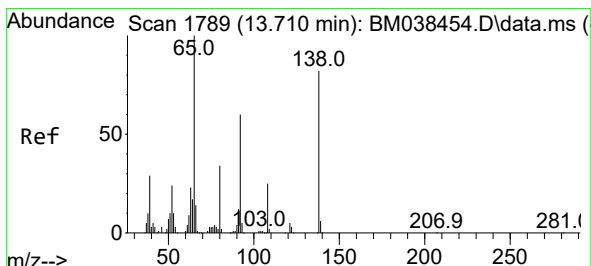
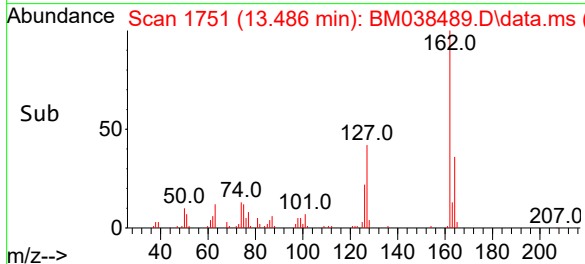
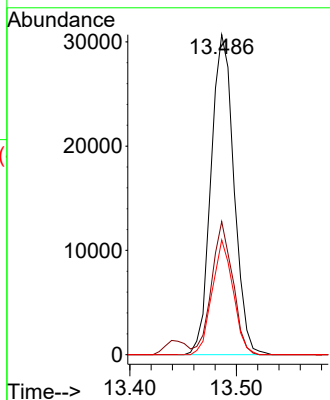
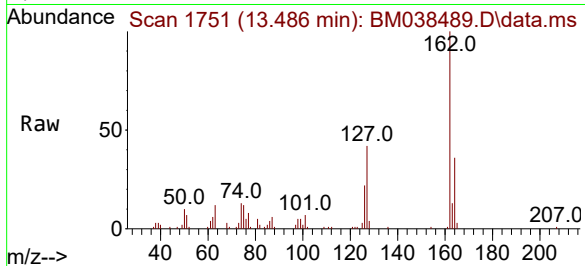




#47  
2-Chloronaphthalene  
Concen: 7.335 ng  
RT: 13.486 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

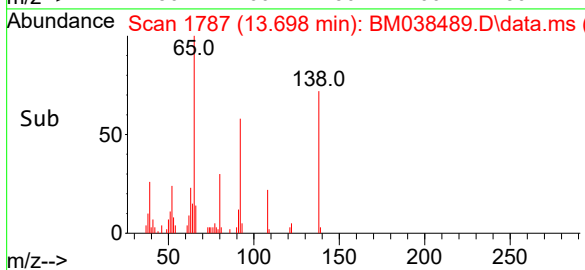
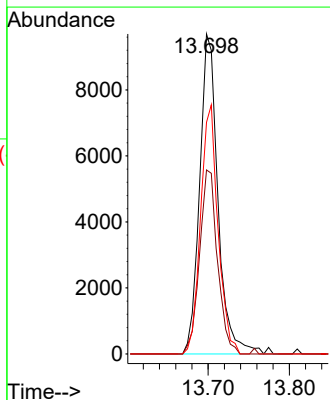
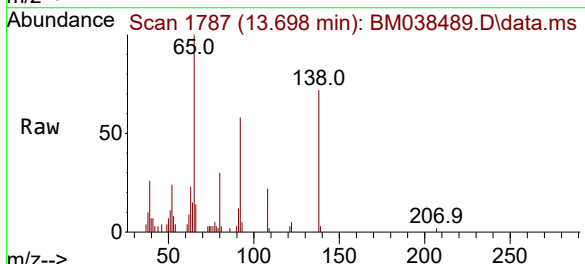
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

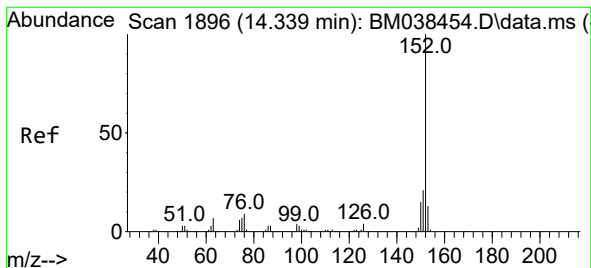
Tgt Ion:162 Resp: 45877  
Ion Ratio Lower Upper  
162 100  
127 41.6 29.5 44.3  
164 35.8 26.2 39.4



#48  
2-Nitroaniline  
Concen: 8.152 ng  
RT: 13.698 min Scan# 1787  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion: 65 Resp: 15244  
Ion Ratio Lower Upper  
65 100  
92 57.5 47.6 71.4  
138 72.4 65.8 98.8





#49

Acenaphthylene

Concen: 6.656 ng

RT: 14.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

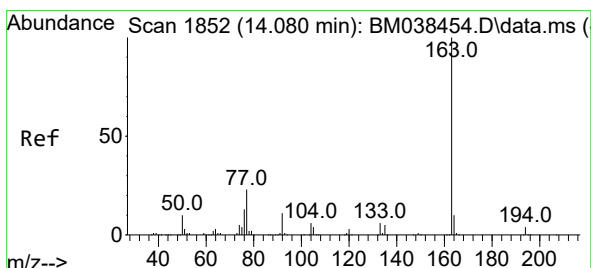
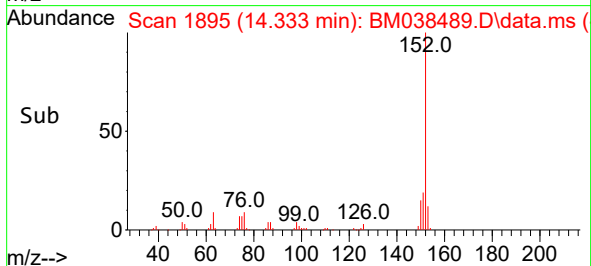
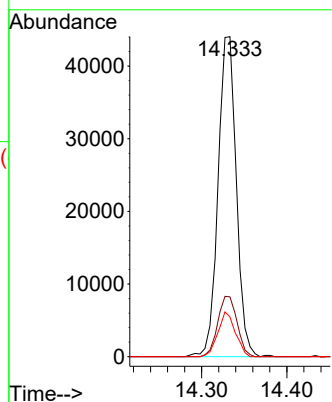
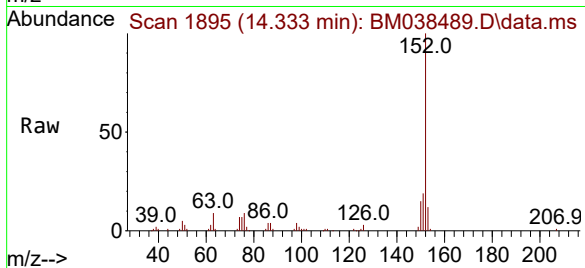
Tgt Ion:152 Resp: 65632

Ion Ratio Lower Upper

152 100

151 18.7 16.4 24.6

153 12.4 10.6 15.8



#50

Dimethylphthalate

Concen: 6.618 ng

RT: 14.063 min Scan# 1849

Delta R.T. -0.012 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

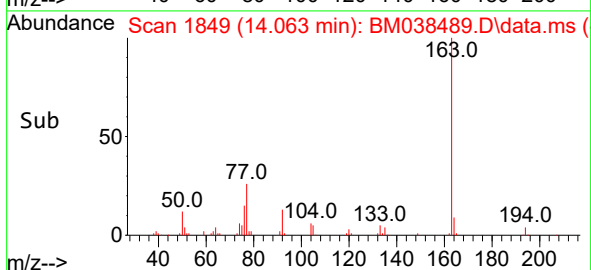
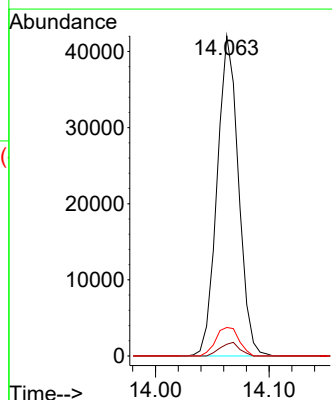
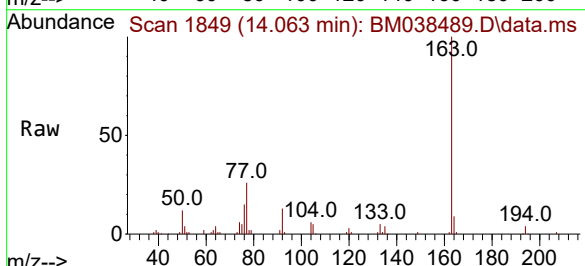
Tgt Ion:163 Resp: 54935

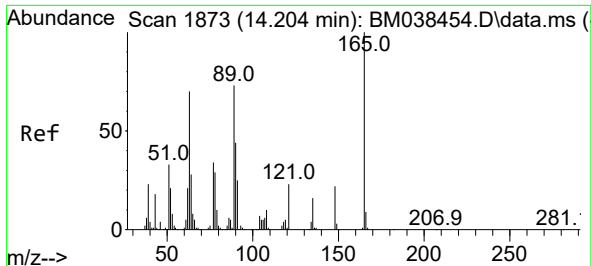
Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

164 8.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 6.174 ng

RT: 14.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

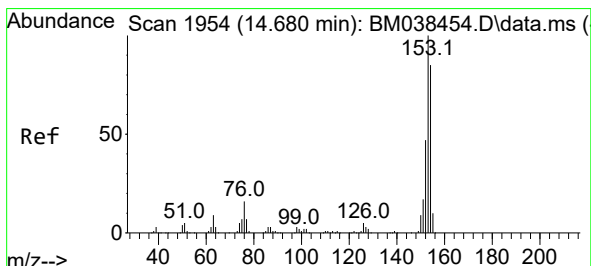
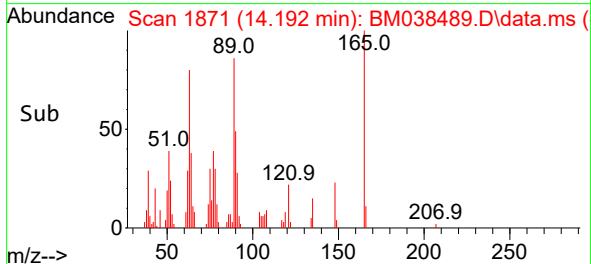
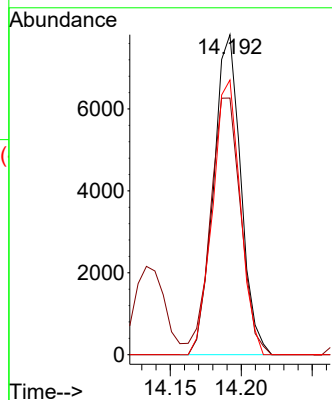
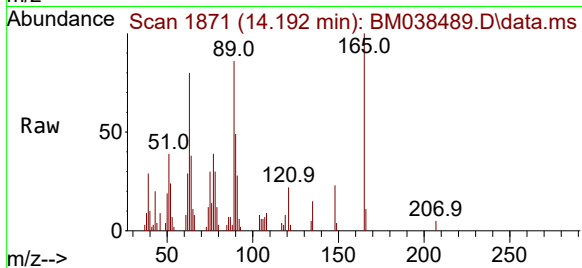
Tgt Ion:165 Resp: 10426

Ion Ratio Lower Upper

165 100

63 80.2 60.9 91.3

89 85.9 58.6 87.8



#52

Acenaphthene

Concen: 6.787 ng

RT: 14.669 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

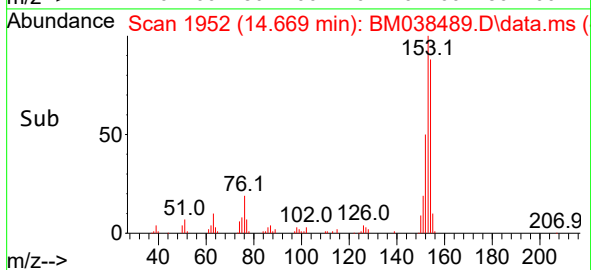
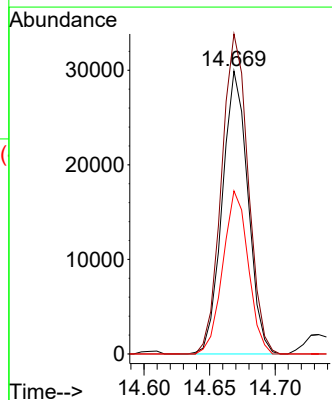
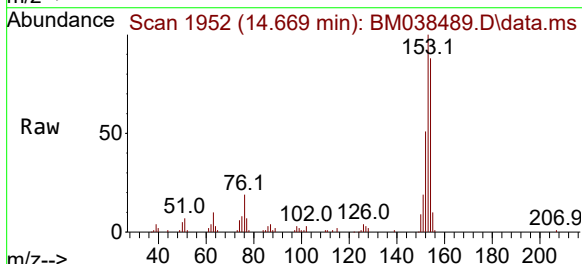
Tgt Ion:154 Resp: 40666

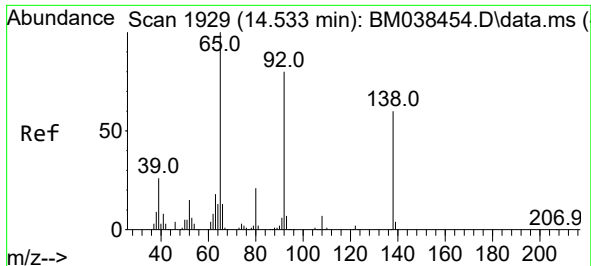
Ion Ratio Lower Upper

154 100

153 113.1 93.8 140.6

152 57.6 44.2 66.4

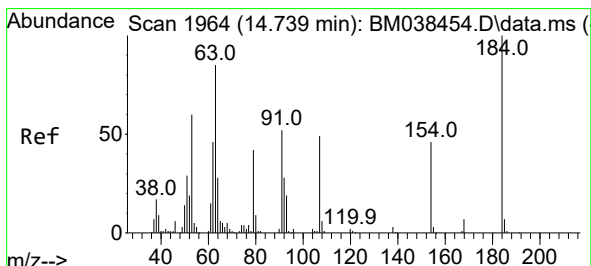
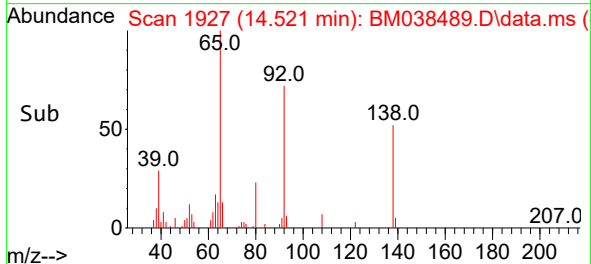
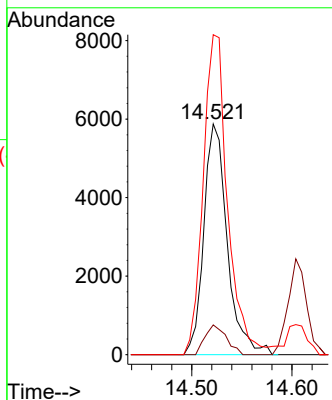
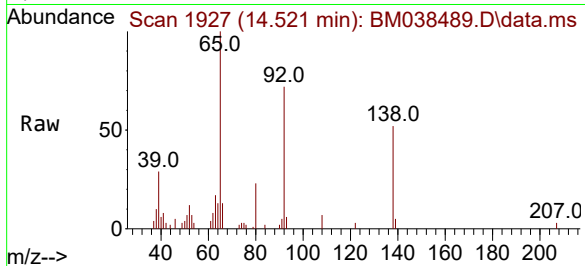




#53  
3-Nitroaniline  
Concen: 7.508 ng  
RT: 14.521 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

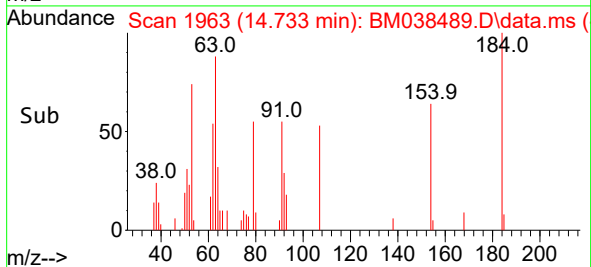
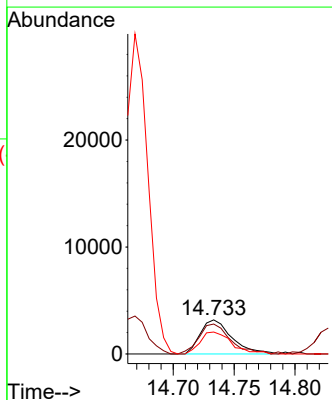
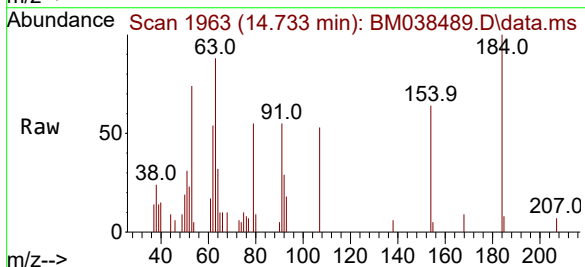
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

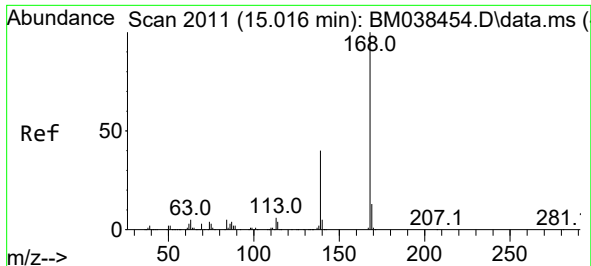
Tgt Ion:138 Resp: 9558  
Ion Ratio Lower Upper  
138 100  
108 12.9 8.9 13.3  
92 138.7 106.4 159.6



#54  
2,4-Dinitrophenol  
Concen: 9.386 ng  
RT: 14.733 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:184 Resp: 5759  
Ion Ratio Lower Upper  
184 100  
63 87.6 70.0 105.0  
154 64.2 55.6 83.4

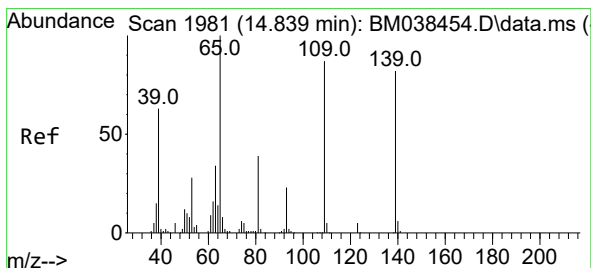
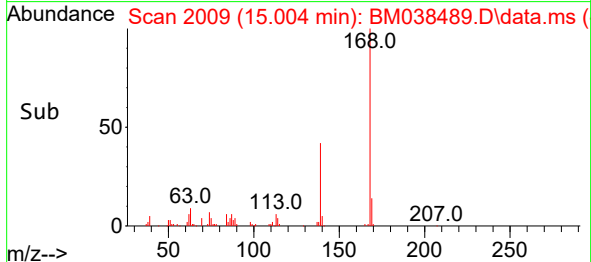
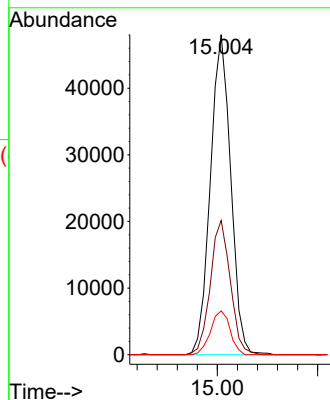
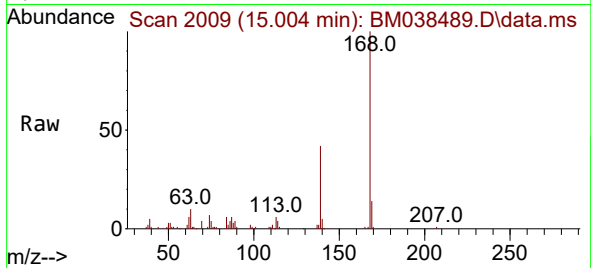




#55  
Dibenzenofuran  
Concen: 6.642 ng  
RT: 15.004 min Scan# 2011  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

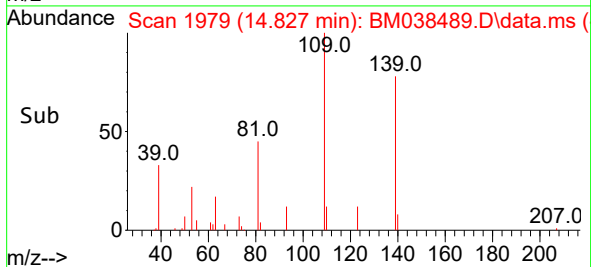
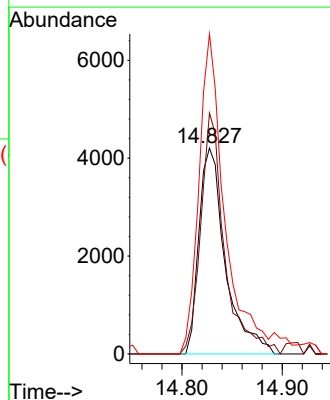
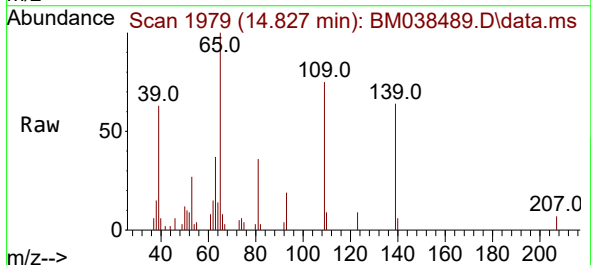
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

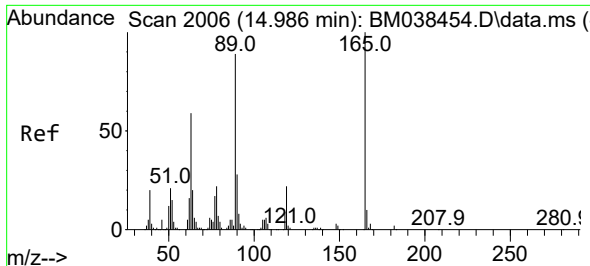
Tgt Ion:168 Resp: 67762  
Ion Ratio Lower Upper  
168 100  
139 42.0 31.9 47.9  
169 13.7 10.5 15.7



#56  
4-Nitrophenol  
Concen: 8.676 ng  
RT: 14.827 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:139 Resp: 7700  
Ion Ratio Lower Upper  
139 100  
109 117.0 86.0 126.0  
65 155.4 102.7 142.7#

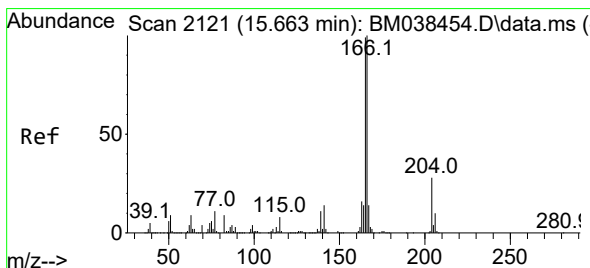
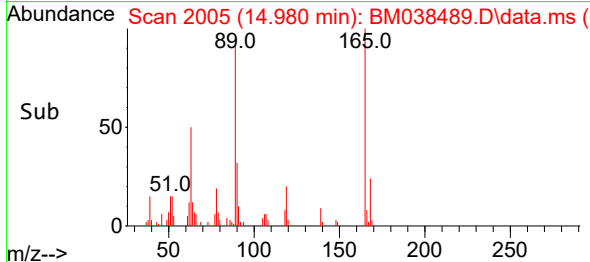
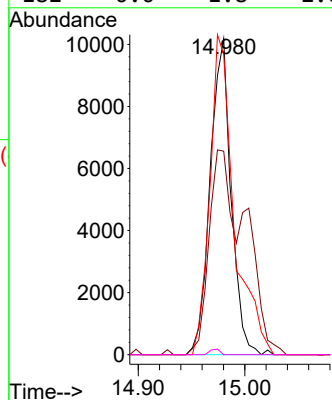
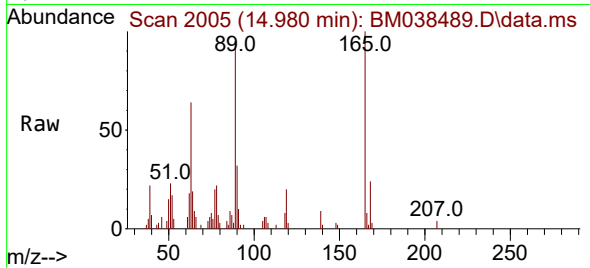




#57  
2,4-Dinitrotoluene  
Concen: 5.924 ng  
RT: 14.980 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

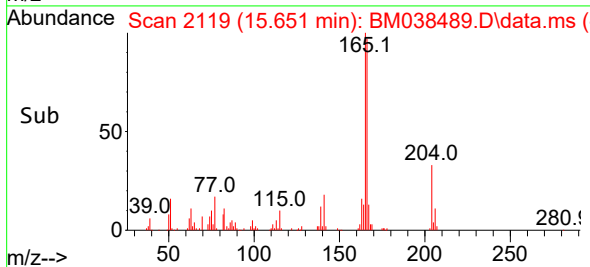
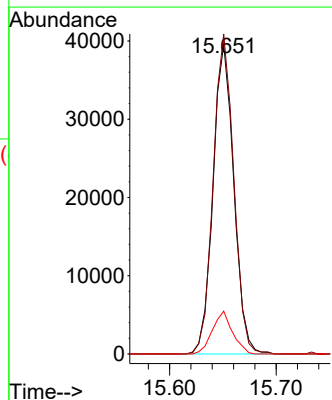
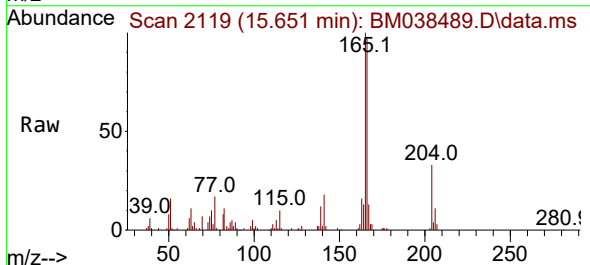
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

Tgt Ion:165 Resp: 13905  
Ion Ratio Lower Upper  
165 100  
63 64.4 47.7 71.5  
89 94.9 71.5 107.3  
182 0.0 1.8 2.6#

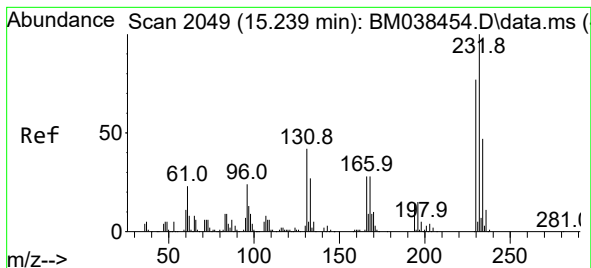


#58  
Fluorene  
Concen: 6.261 ng  
RT: 15.651 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:166 Resp: 53370  
Ion Ratio Lower Upper  
166 100  
165 103.3 79.2 118.8  
167 13.8 11.0 16.4



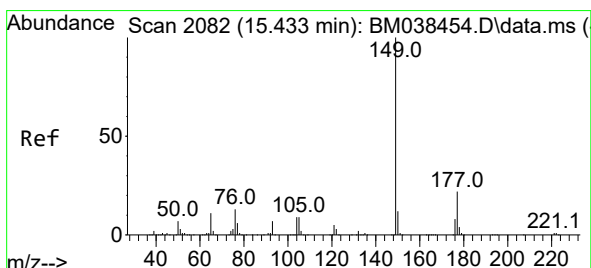
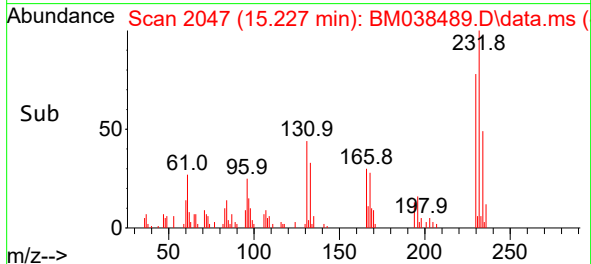
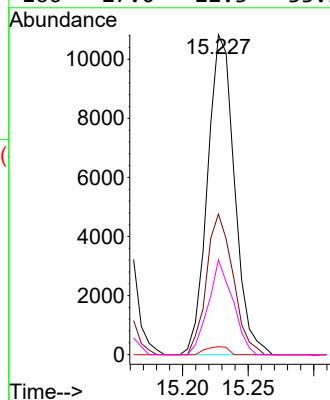
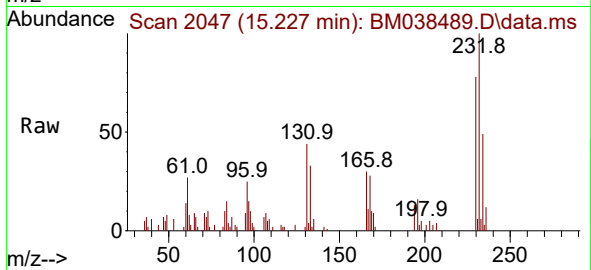




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 6.110 ng  
RT: 15.227 min Scan# 2047  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

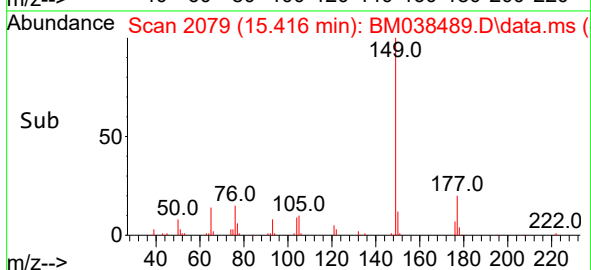
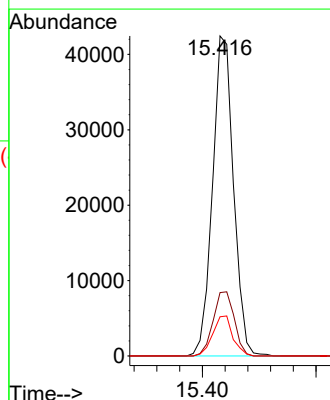
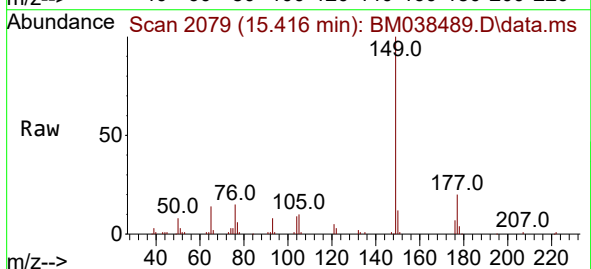
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

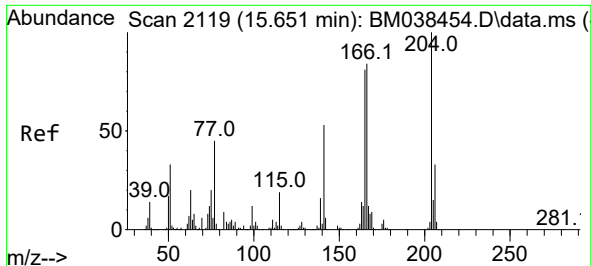
Tgt Ion:232 Resp: 15477  
Ion Ratio Lower Upper  
232 100  
131 43.5 33.8 50.6  
130 2.1 1.9 2.9  
166 27.0 22.3 33.5



#60  
Diethylphthalate  
Concen: 6.393 ng  
RT: 15.416 min Scan# 2079  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:149 Resp: 54439  
Ion Ratio Lower Upper  
149 100  
177 19.8 17.8 26.6  
150 12.3 9.5 14.3

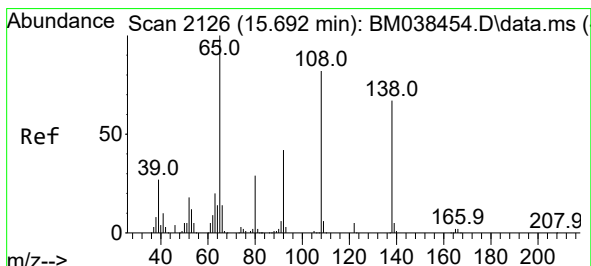
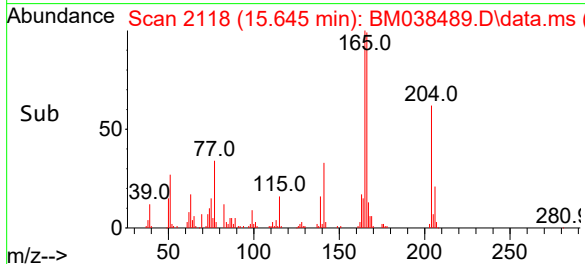
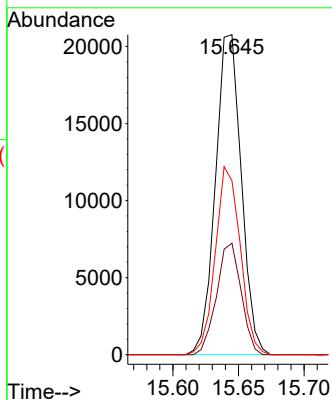
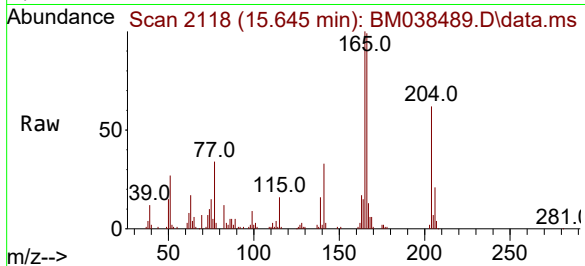




#61  
4-Chlorophenyl-phenylether  
Concen: 6.096 ng  
RT: 15.645 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

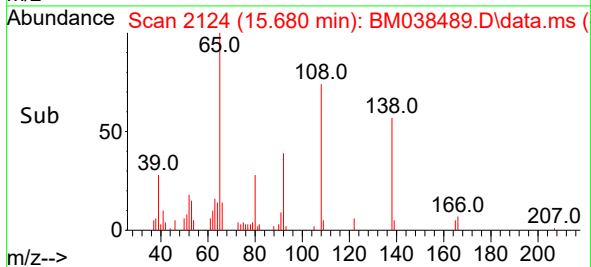
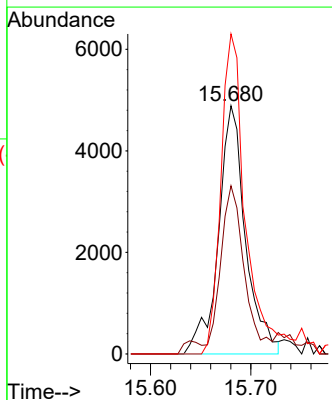
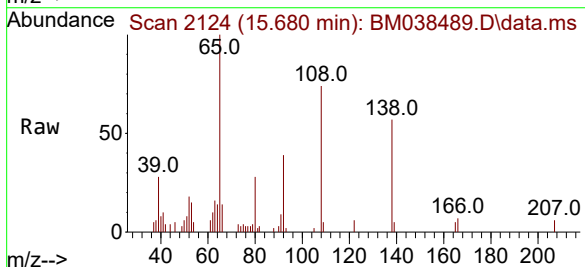
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

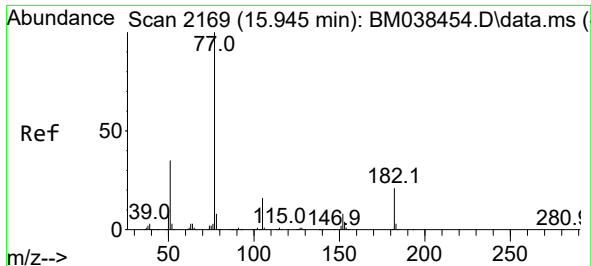
Tgt Ion:204 Resp: 28521  
Ion Ratio Lower Upper  
204 100  
206 34.8 26.2 39.4  
141 54.4 42.5 63.7



#62  
4-Nitroaniline  
Concen: 7.297 ng  
RT: 15.680 min Scan# 2124  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:138 Resp: 9180  
Ion Ratio Lower Upper  
138 100  
92 67.8 42.1 82.1  
108 128.9 102.5 142.5

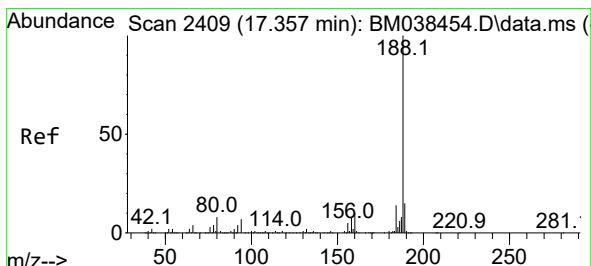
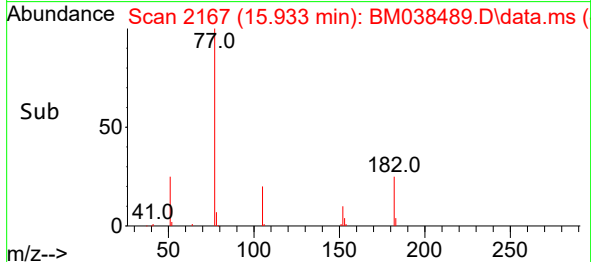
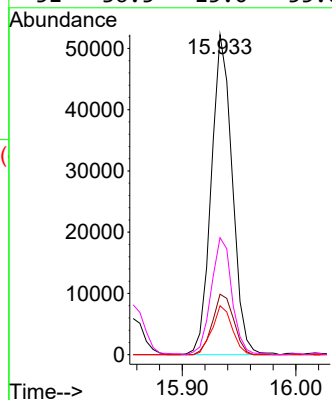
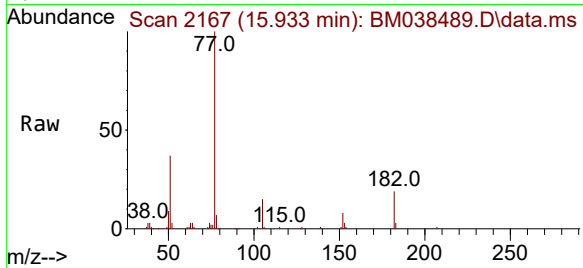




#63  
Azobenzene  
Concen: 7.146 ng  
RT: 15.933 min Scan# 2167  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

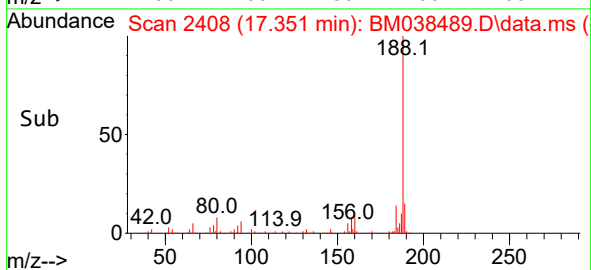
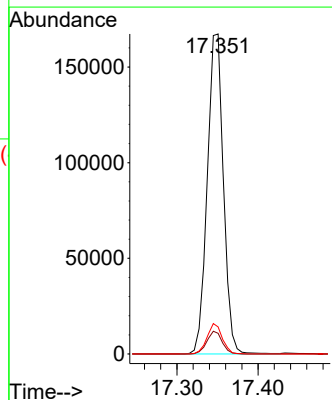
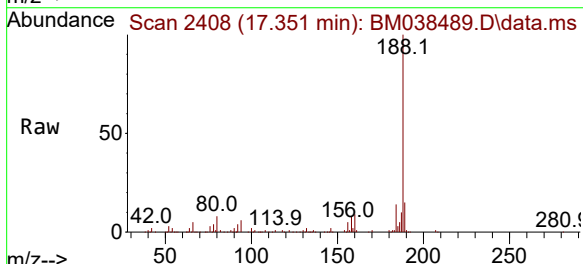
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

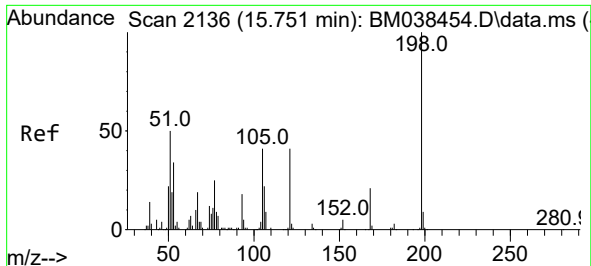
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 66957 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 18.9    | 1.1 41.1    |
| 105 15.3    | 0.0 36.4    |
| 51 36.5     | 15.0 55.0   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.351 min Scan# 2408  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 230946 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 6.4       | 5.4 8.0      |
| 80 8.5       | 6.5 9.7      |

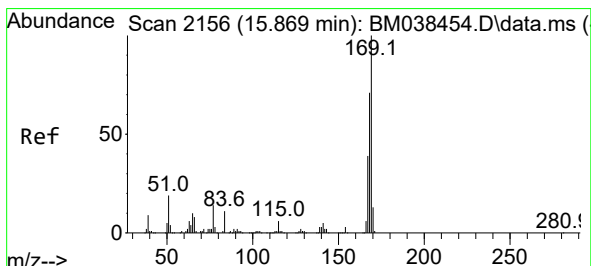
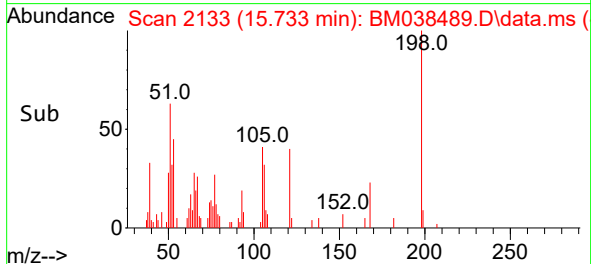
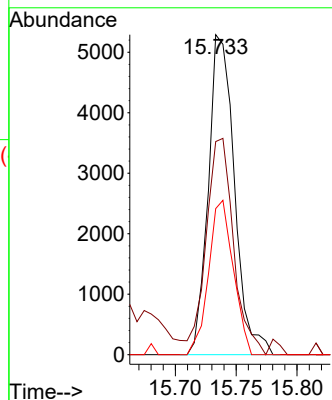
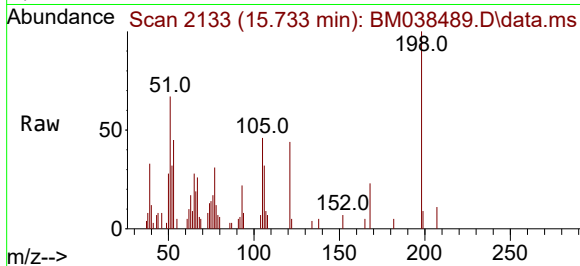




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.042 ng  
RT: 15.733 min Scan# 2133  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

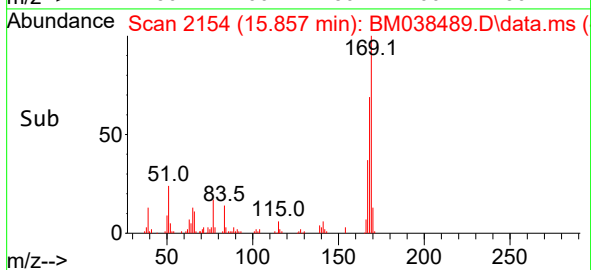
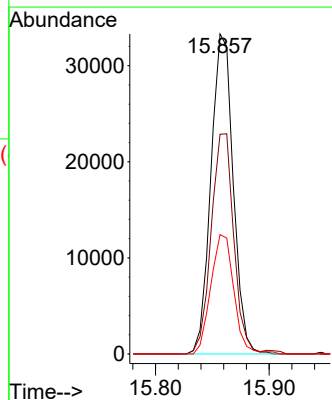
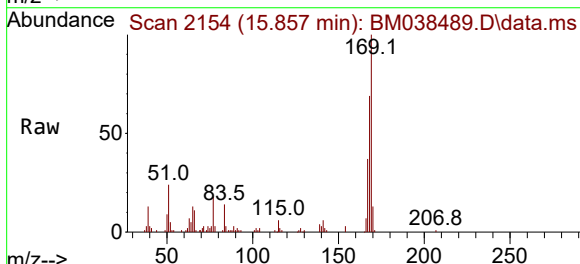
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

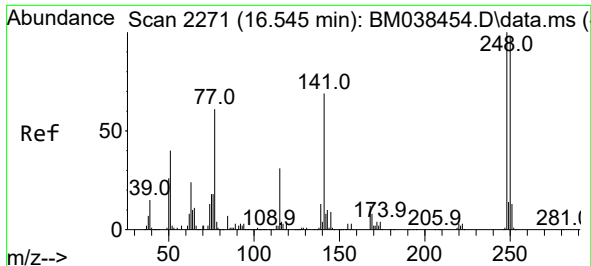
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 66.6  | 31.6  | 71.6  |
| 105     | 45.6  | 21.5  | 61.5  |



#66  
n-Nitrosodiphenylamine  
Concen: 6.703 ng  
RT: 15.857 min Scan# 2154  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.7  | 56.6  | 85.0  |
| 167     | 37.3  | 31.1  | 46.7  |

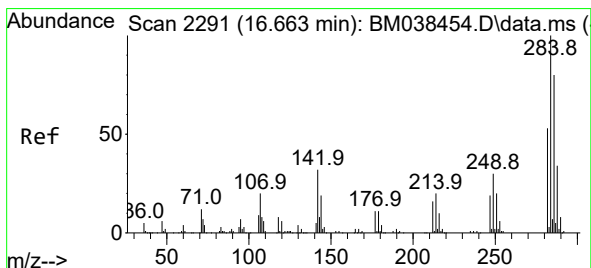
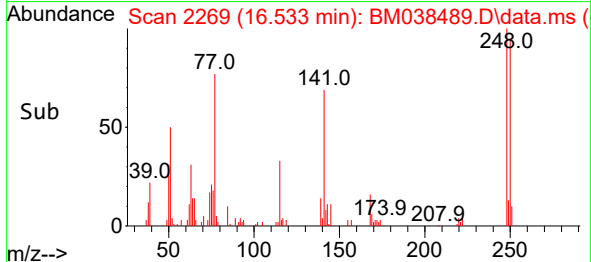
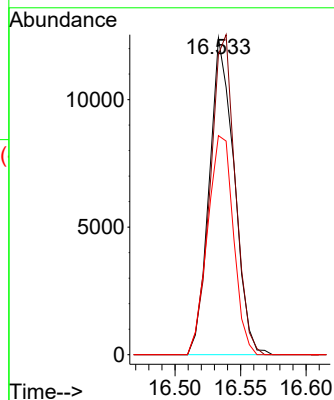
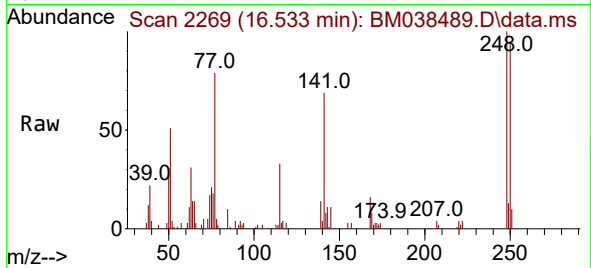




#67  
4-Bromophenyl-phenylether  
Concen: 6.139 ng  
RT: 16.533 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

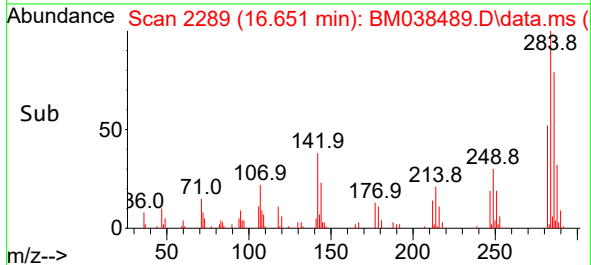
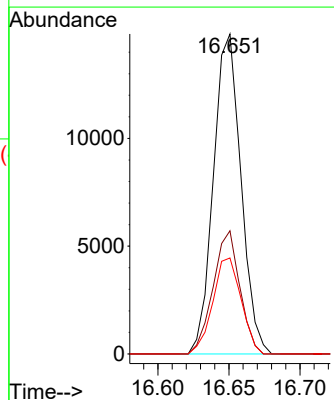
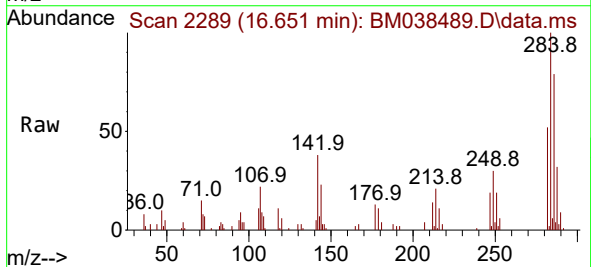
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

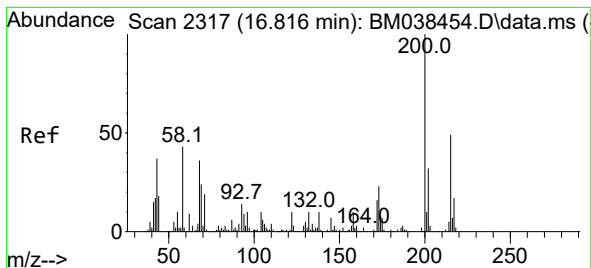
Tgt Ion:248 Resp: 16399  
Ion Ratio Lower Upper  
248 100  
250 94.8 78.3 117.5  
141 69.1 55.1 82.7



#68  
Hexachlorobenzene  
Concen: 6.683 ng  
RT: 16.651 min Scan# 2289  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:284 Resp: 19993  
Ion Ratio Lower Upper  
284 100  
142 38.5 26.0 39.0  
249 30.0 23.8 35.8





#69

Atrazine

Concen: 7.006 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

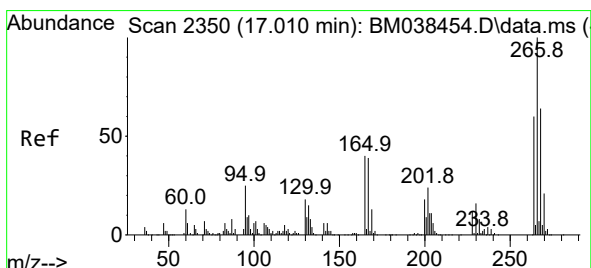
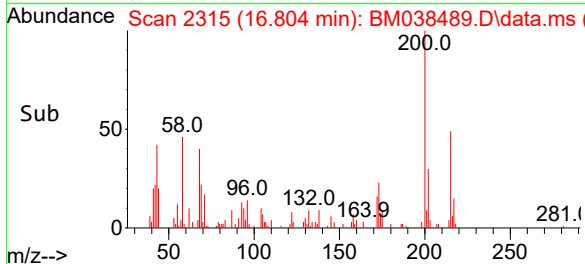
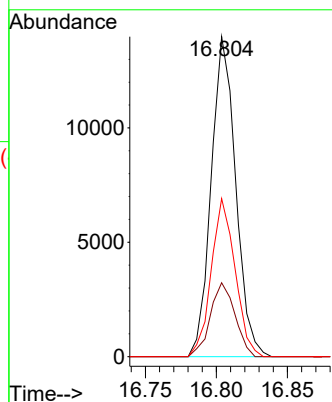
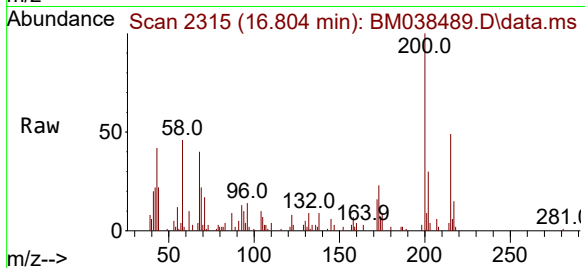
Tgt Ion:200 Resp: 16788

Ion Ratio Lower Upper

200 100

173 23.1 3.4 43.4

215 49.4 29.3 69.3



#70

Pentachlorophenol

Concen: 5.065 ng

RT: 16.998 min Scan# 2348

Delta R.T. 0.000 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

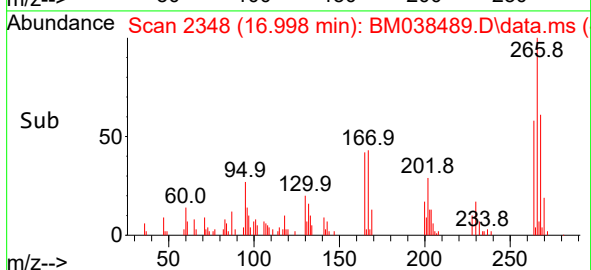
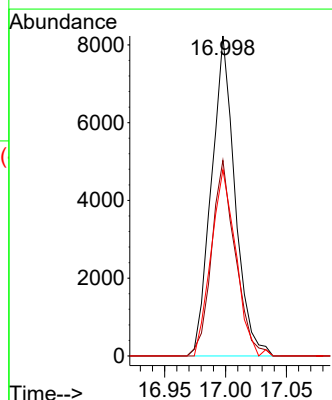
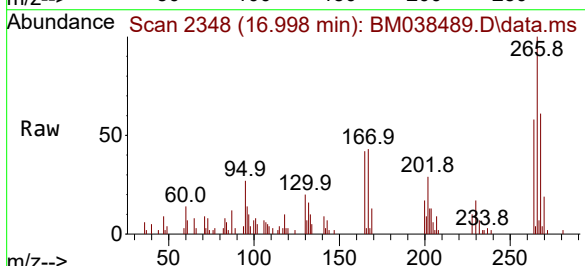
Tgt Ion:266 Resp: 11062

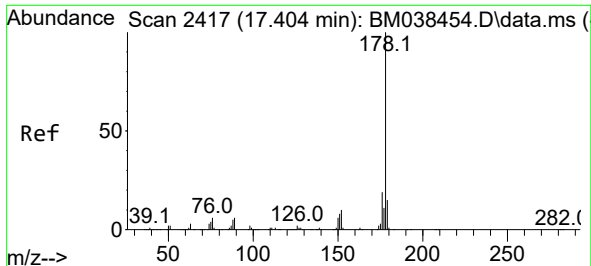
Ion Ratio Lower Upper

266 100

268 65.5 51.4 77.0

264 58.2 48.2 72.2

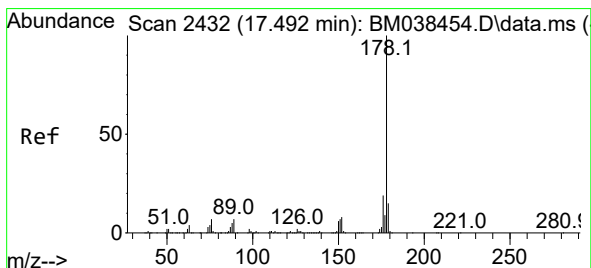
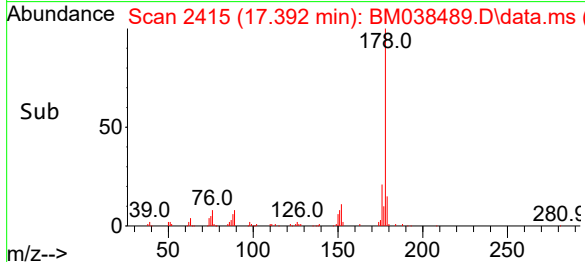
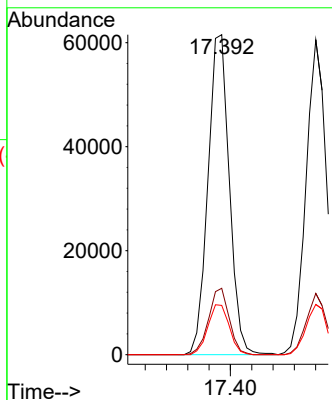
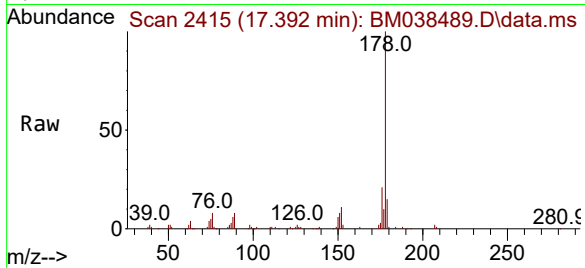




#71  
Phenanthrene  
Concen: 6.706 ng  
RT: 17.392 min Scan# 2417  
Delta R.T. 0.000 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

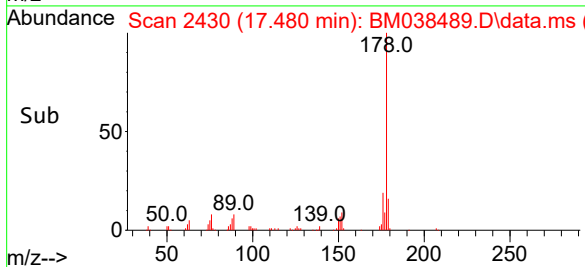
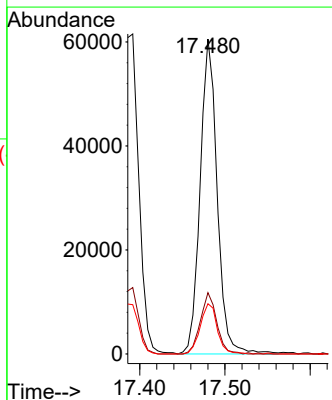
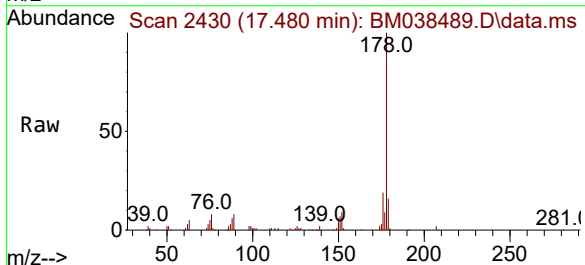
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2022

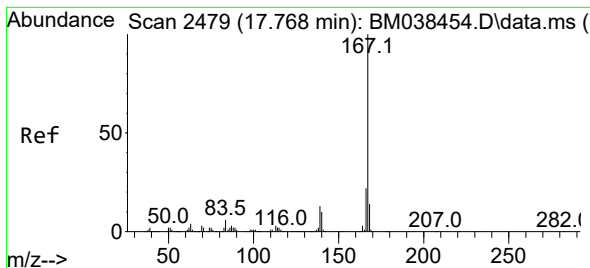
Tgt Ion:178 Resp: 85683  
Ion Ratio Lower Upper  
178 100  
176 20.8 15.4 23.0  
179 15.4 12.1 18.1



#72  
Anthracene  
Concen: 6.419 ng  
RT: 17.480 min Scan# 2430  
Delta R.T. -0.006 min  
Lab File: BM038489.D  
Acq: 19 Jan 2023 14:34

Tgt Ion:178 Resp: 84294  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.0 22.6  
179 16.0 12.2 18.2





#73

Carbazole

Concen: 6.466 ng

RT: 17.757 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

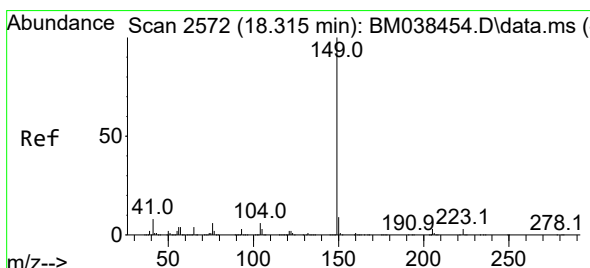
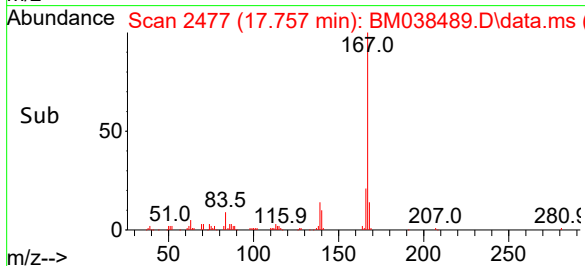
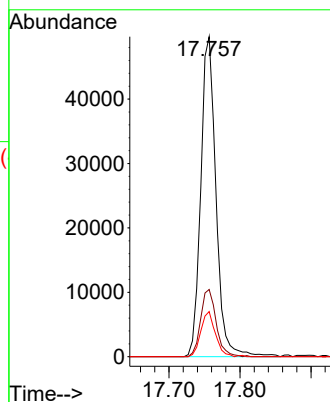
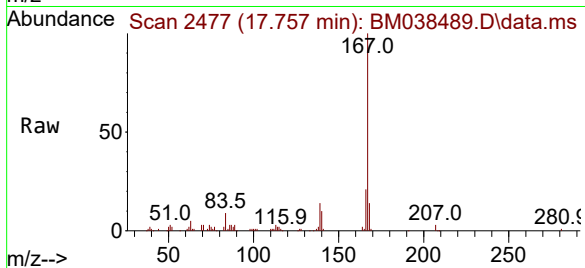
Tgt Ion:167 Resp: 74249

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

139 14.1 10.1 15.1



#74

Di-n-butylphthalate

Concen: 6.146 ng

RT: 18.304 min Scan# 2570

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

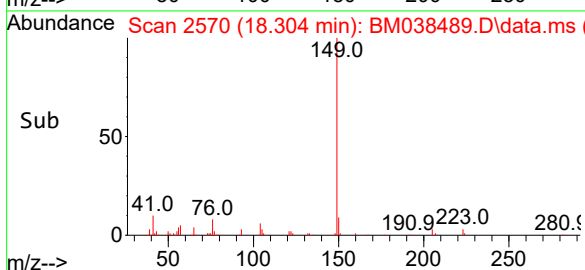
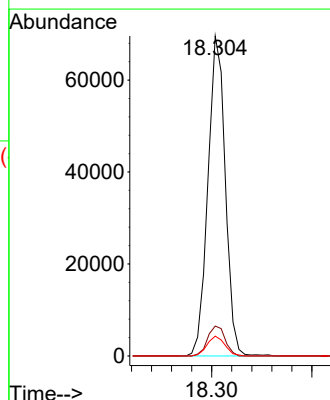
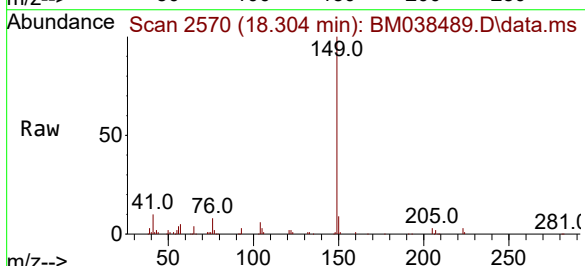
Tgt Ion:149 Resp: 83825

Ion Ratio Lower Upper

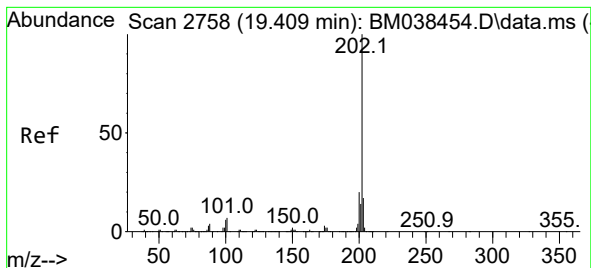
149 100

150 9.3 7.4 11.2

104 6.2 4.7 7.1







#75

Fluoranthene

Concen: 6.129 ng

RT: 19.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

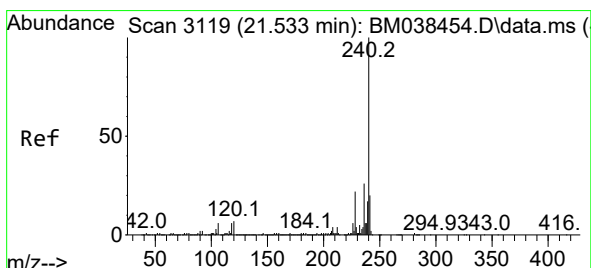
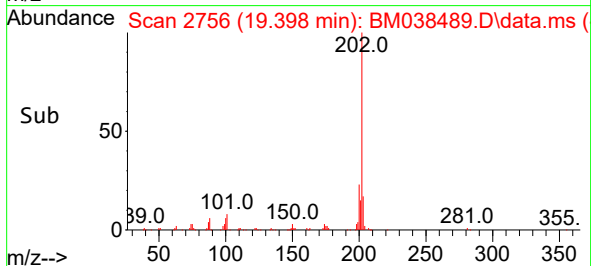
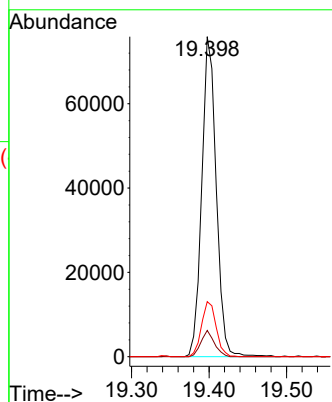
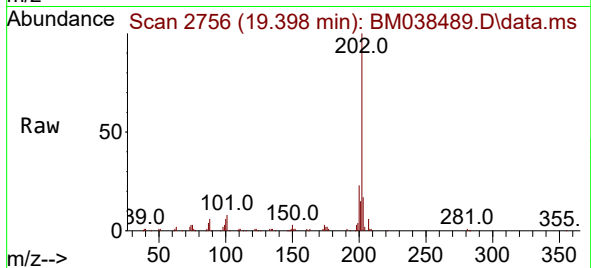
Tgt Ion:202 Resp: 98442

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.4

203 17.2 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.521 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

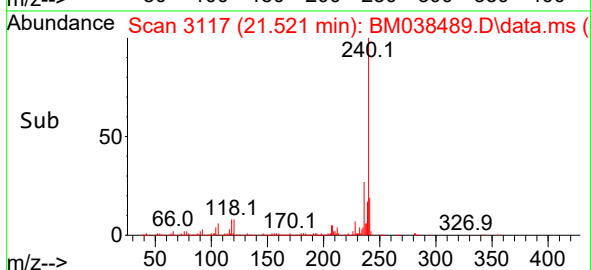
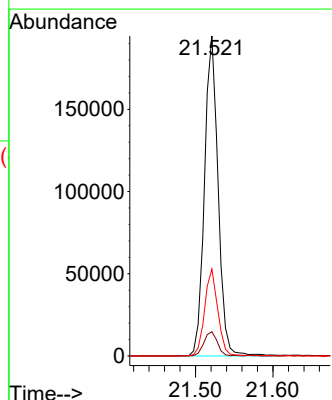
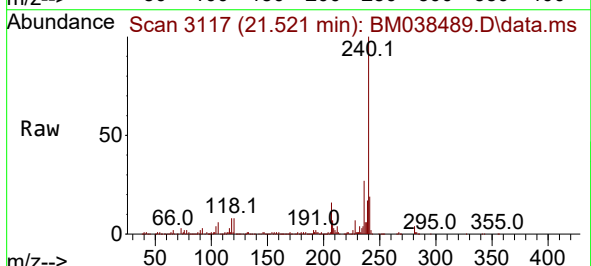
Tgt Ion:240 Resp: 237650

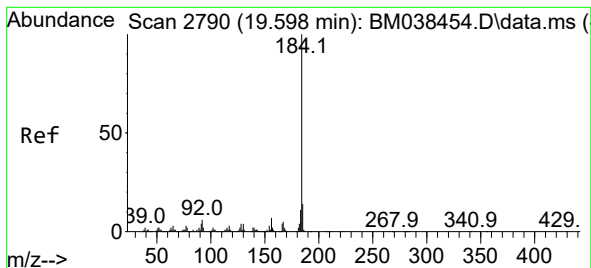
Ion Ratio Lower Upper

240 100

120 7.6 5.6 8.4

236 27.1 21.0 31.4





#77

Benzidine

Concen: 8.042 ng

RT: 19.592 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

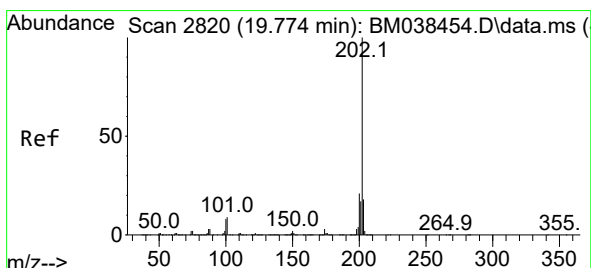
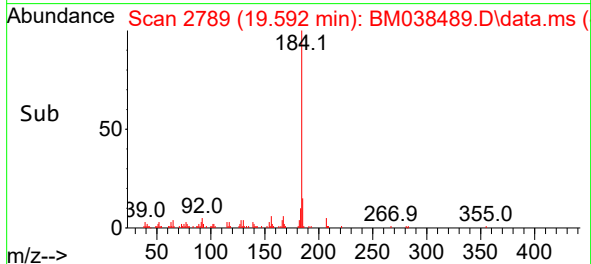
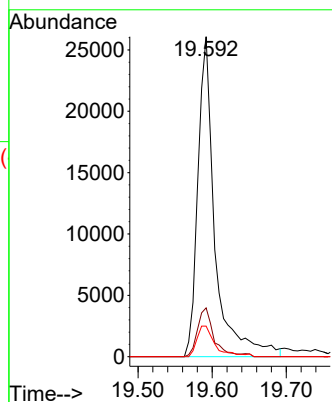
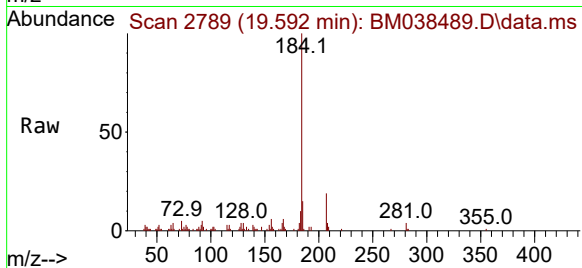
Tgt Ion:184 Resp: 41877

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

183 9.5 8.6 13.0



#78

Pyrene

Concen: 6.796 ng

RT: 19.762 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

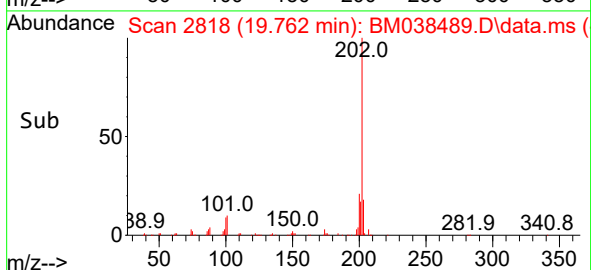
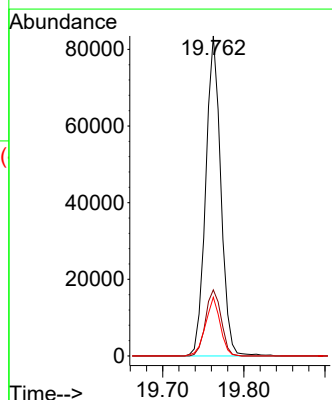
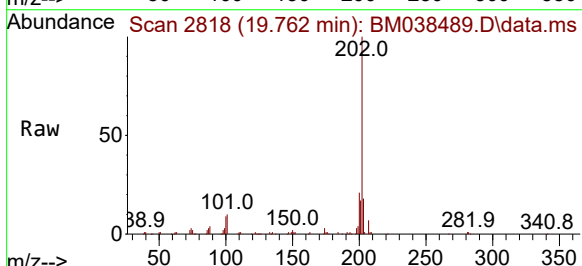
Tgt Ion:202 Resp: 107481

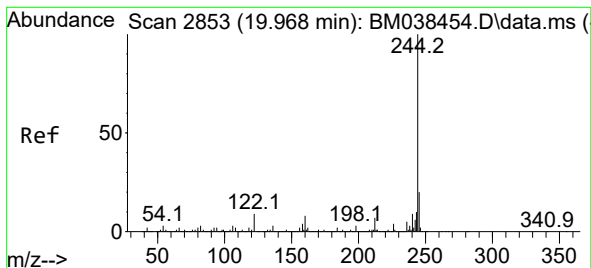
Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 18.3 14.2 21.2





#79

Terphenyl-d14

Concen: 75.530 ng

RT: 19.962 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

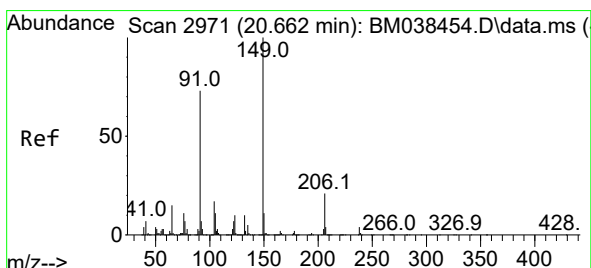
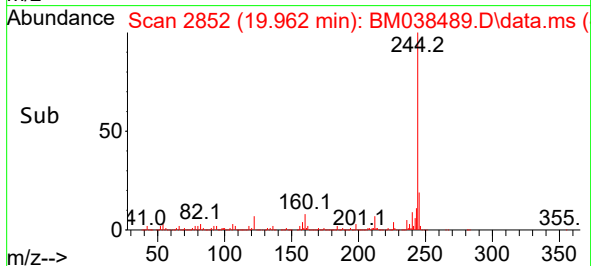
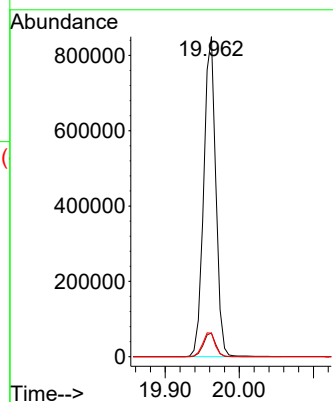
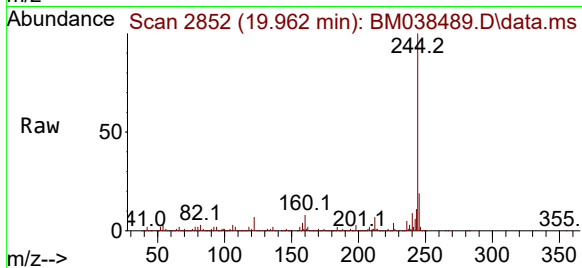
Tgt Ion:244 Resp: 958837

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 7.3 7.1 10.7



#80

Butylbenzylphthalate

Concen: 6.105 ng

RT: 20.651 min Scan# 2969

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

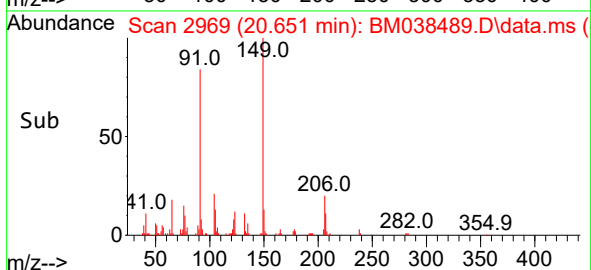
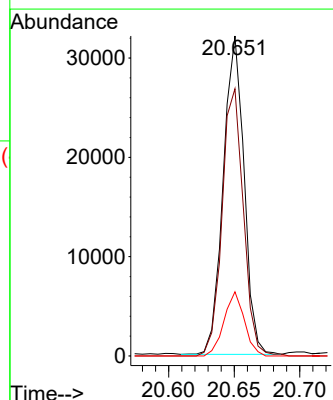
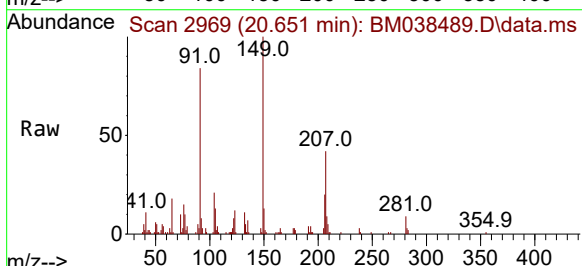
Tgt Ion:149 Resp: 35295

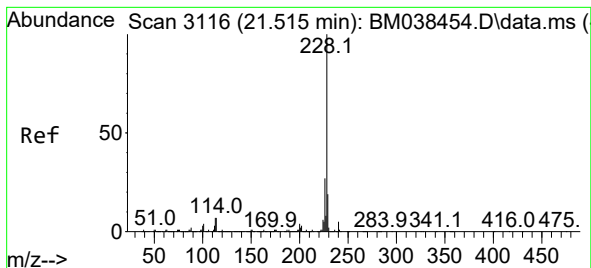
Ion Ratio Lower Upper

149 100

91 83.5 58.3 87.5

206 20.1 16.7 25.1





#81

Benzo(a)anthracene

Concen: 6.787 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

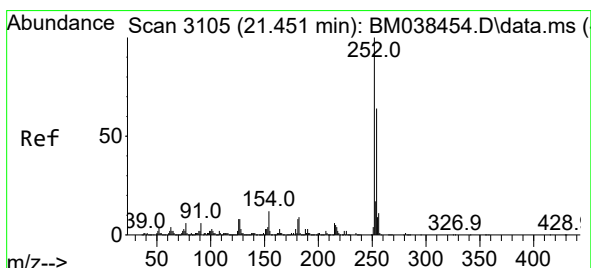
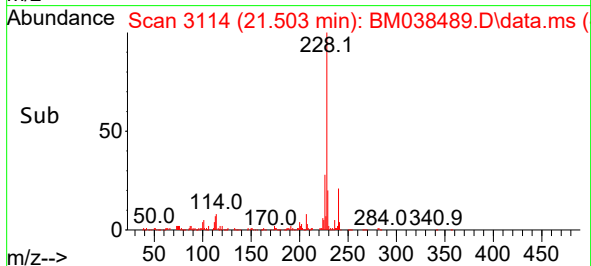
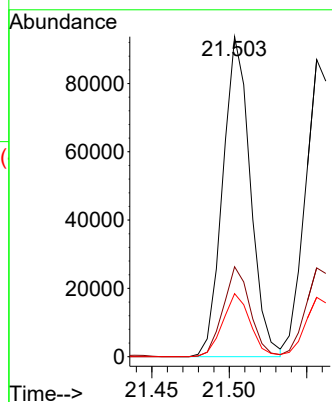
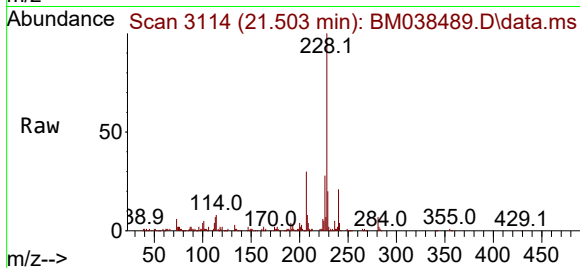
Tgt Ion:228 Resp: 116004

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

229 19.7 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 7.315 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

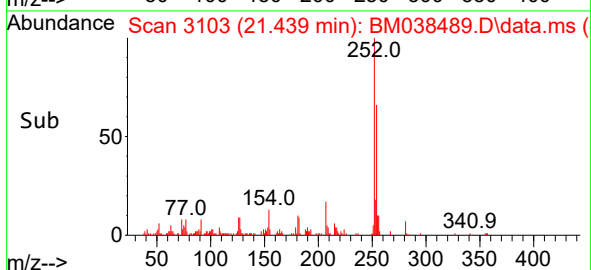
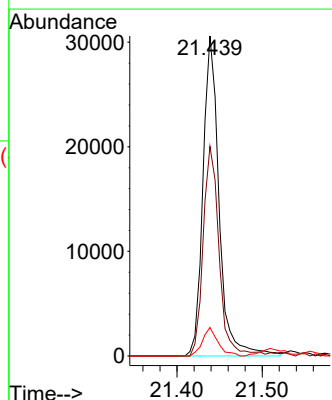
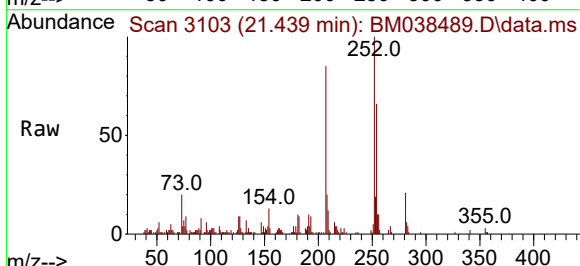
Tgt Ion:252 Resp: 40261

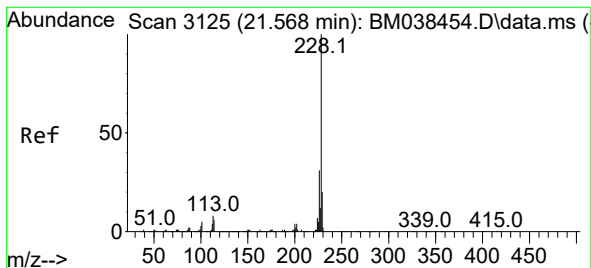
Ion Ratio Lower Upper

252 100

254 65.5 51.2 76.8

126 8.9 6.3 9.5





#83

Chrysene

Concen: 6.951 ng

RT: 21.556 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

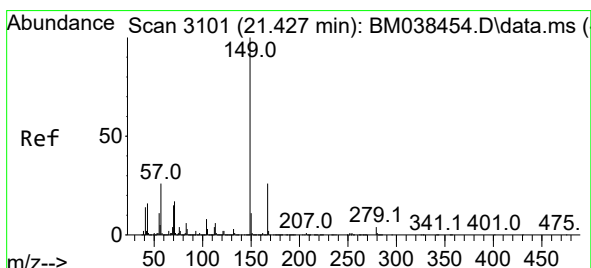
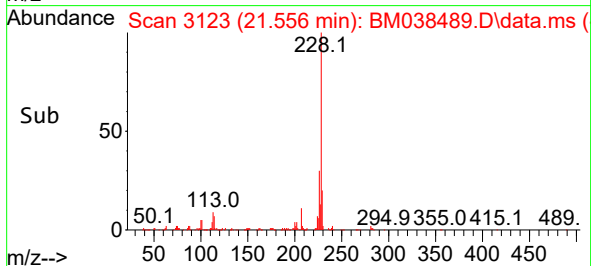
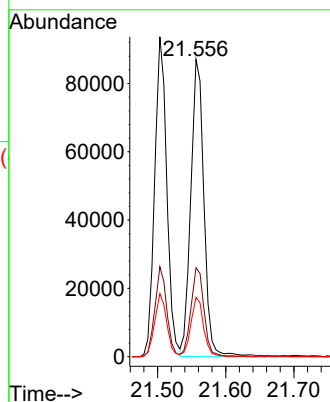
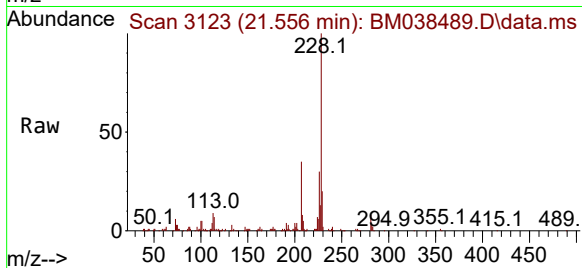
Tgt Ion:228 Resp: 115456

Ion Ratio Lower Upper

228 100

226 29.9 24.6 36.8

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.265 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

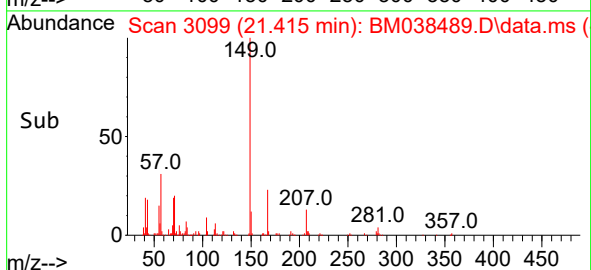
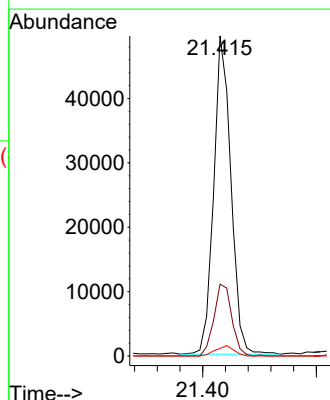
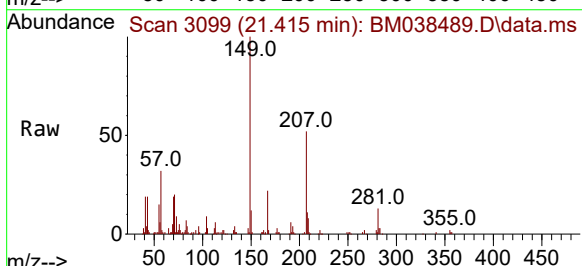
Tgt Ion:149 Resp: 52063

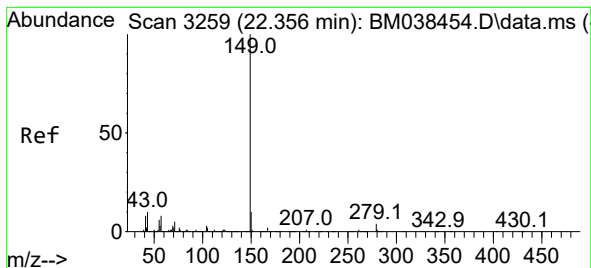
Ion Ratio Lower Upper

149 100

167 22.5 21.0 31.4

279 2.4 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 6.232 ng

RT: 22.345 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

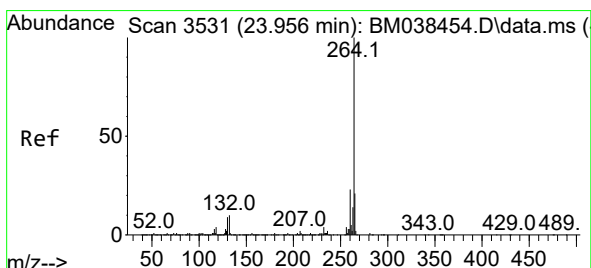
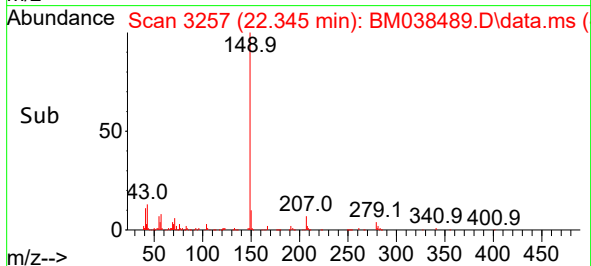
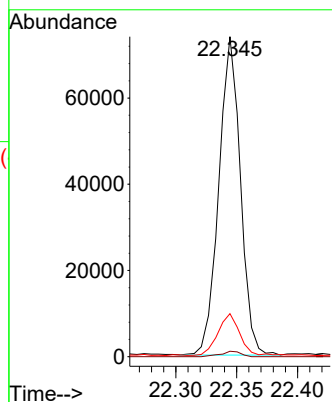
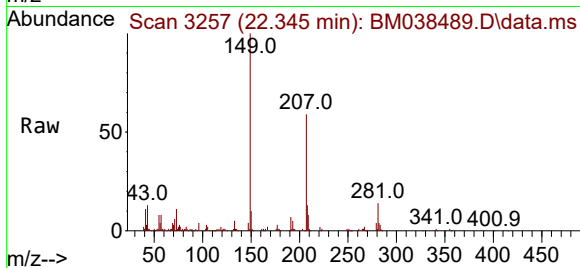
Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 91124     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 1.6   | 1.3 1.9   |
| 43          | 13.5  | 8.4 12.6# |



#86

Perylene-d12

Concen: 20.000 ng

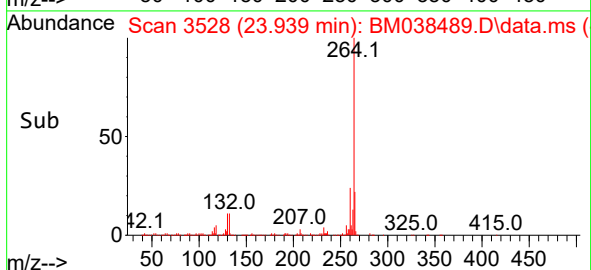
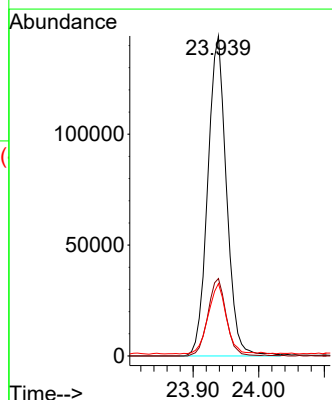
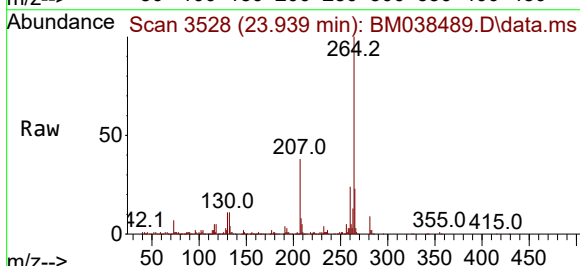
RT: 23.939 min Scan# 3528

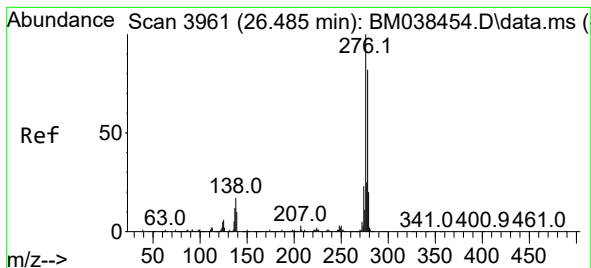
Delta R.T. 0.000 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 286527    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 24.2  | 18.2 27.4 |
| 265         | 22.6  | 17.2 25.8 |





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.685 ng

RT: 26.444 min Scan# 3954

Delta R.T. -0.023 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

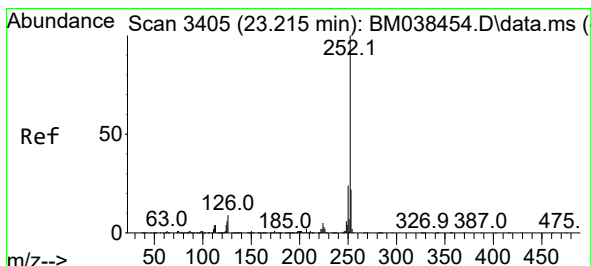
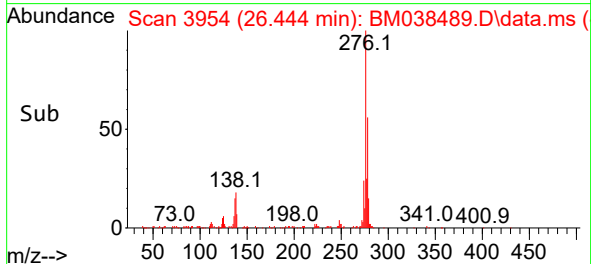
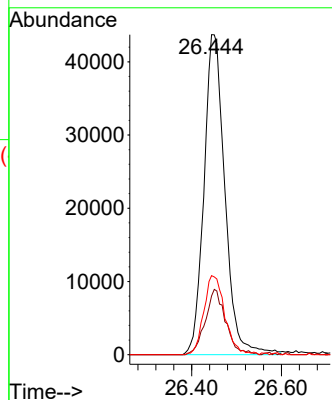
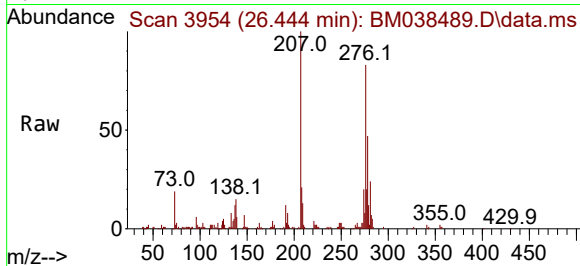
Tgt Ion:276 Resp: 141751

Ion Ratio Lower Upper

276 100

138 19.8 13.4 20.2

277 24.8 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 6.931 ng

RT: 23.197 min Scan# 3402

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

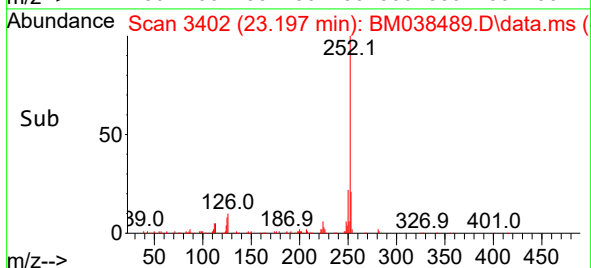
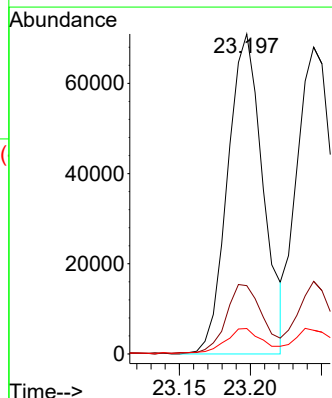
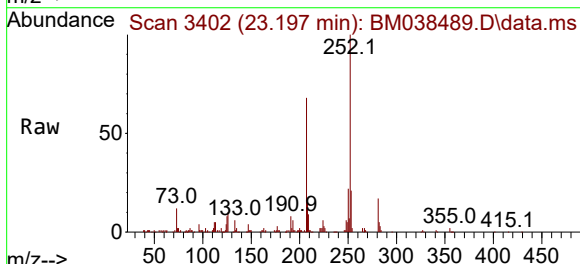
Tgt Ion:252 Resp: 123140

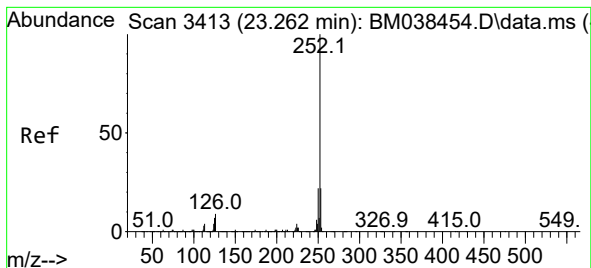
Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 7.9 5.1 7.7#





#89

Benzo(k)fluoranthene

Concen: 6.753 ng

RT: 23.244 min Scan# 3413

Delta R.T. -0.012 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2022

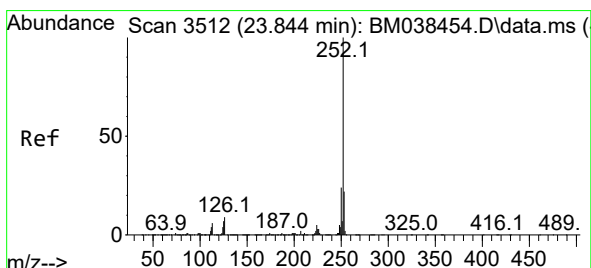
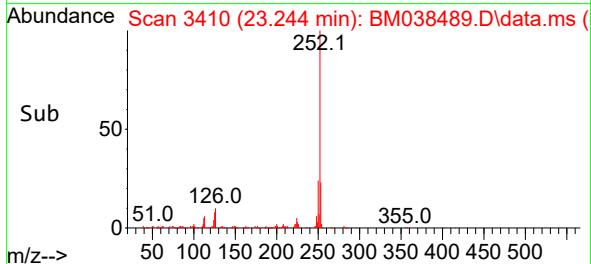
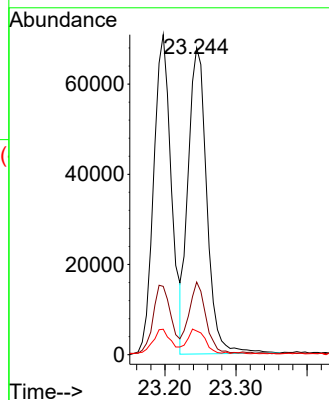
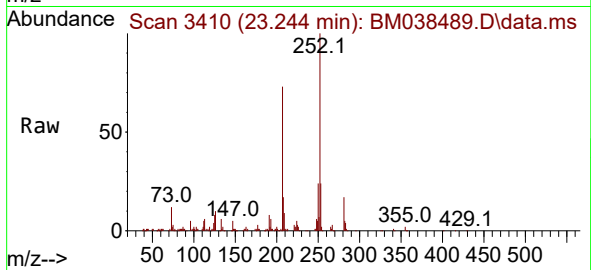
Tgt Ion:252 Resp: 124079

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

125 7.7 5.5 8.3



#90

Benzo(a)pyrene

Concen: 6.326 ng

RT: 23.827 min Scan# 3509

Delta R.T. -0.012 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

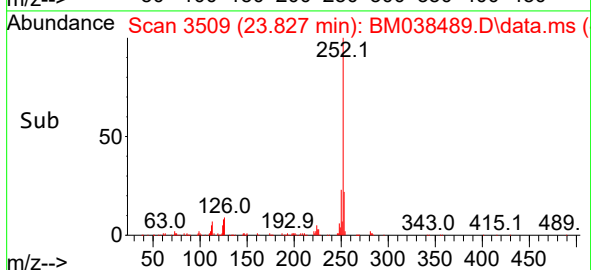
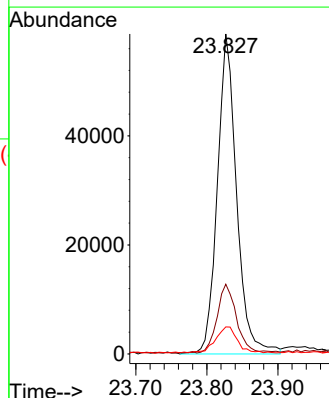
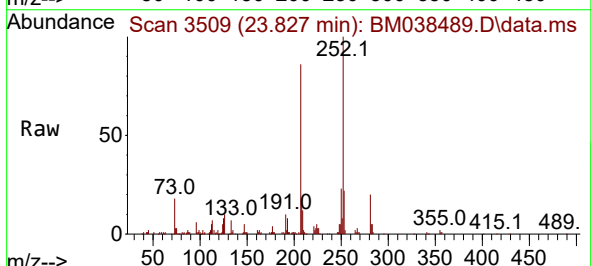
Tgt Ion:252 Resp: 110294

Ion Ratio Lower Upper

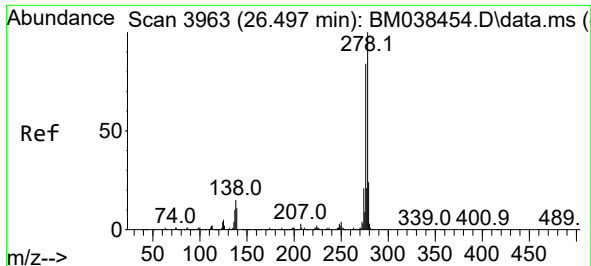
252 100

253 21.8 17.6 26.4

125 8.4 5.8 8.8



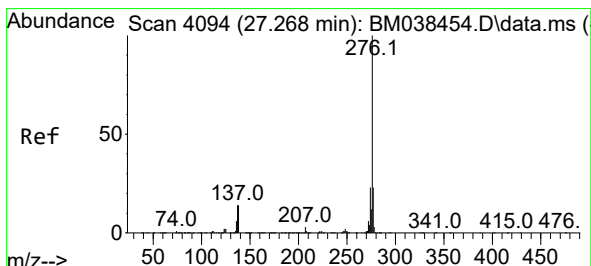
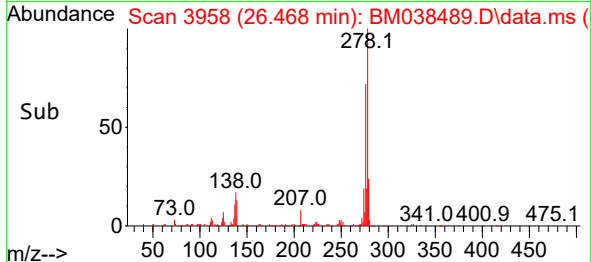
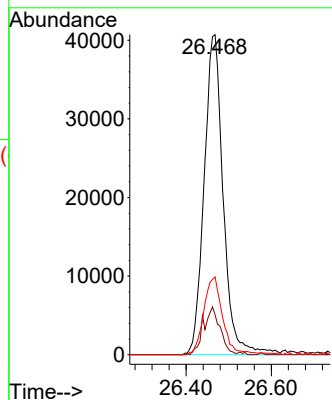
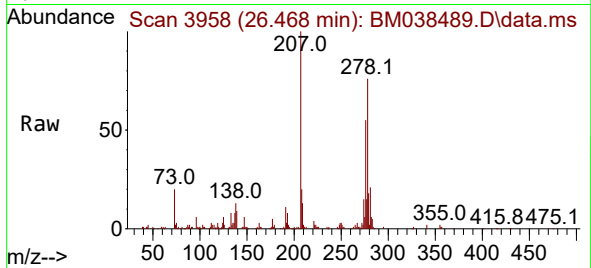




#91  
 Dibenzo(a,h)anthracene  
 Concen: 7.121 ng  
 RT: 26.468 min Scan# 3963  
 Delta R.T. -0.012 min  
 Lab File: BM038489.D  
 Acq: 19 Jan 2023 14:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2022

Tgt Ion:278 Resp: 126718  
 Ion Ratio Lower Upper  
 278 100  
 139 12.5 8.4 12.6  
 279 24.3 19.0 28.6



#92  
 Benzo(g,h,i)perylene  
 Concen: 7.293 ng  
 RT: 27.227 min Scan# 4087  
 Delta R.T. -0.023 min  
 Lab File: BM038489.D  
 Acq: 19 Jan 2023 14:34

Tgt Ion:276 Resp: 128756  
 Ion Ratio Lower Upper  
 276 100  
 277 23.5 18.6 27.8  
 138 16.8 11.3 16.9

