

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020624\  
 Data File : BM043988.D  
 Acq On : 06 Feb 2024 12:50  
 Operator : MA/JU  
 Sample : 03572-08  
 Misc : LOQ-WATER-10PPM  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2023

Quant Time: Feb 07 03:05:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 06 07:03:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 279732   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.727 | 136  | 1251738  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.563 | 164  | 780766   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.315 | 188  | 1712258  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.515 | 240  | 1748380  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.927 | 264  | 2008919  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.493  | 112  | 2734446  | 144.354 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.087  | 99   | 3774442  | 134.860 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.092  | 82   | 2171025  | 83.608  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 1346039  | 141.429 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.192 | 172  | 4837014  | 85.127  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.956 | 244  | 8276485  | 91.382  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.393  | 88   | 85667    | 11.702  | ng    | 99       |
| 3) Pyridine                   | 3.799  | 79   | 213201   | 9.570   | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.716  | 42   | 96472    | 10.073  | ng    | # 99     |
| 6) Aniline                    | 7.251  | 93   | 311341   | 11.180  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.481  | 128  | 204516   | 9.724   | ng    | 98       |
| 9) Benzaldehyde               | 7.069  | 77   | 205415   | 12.807  | ng    | 97       |
| 10) Phenol                    | 7.110  | 94   | 279672   | 10.050  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.357  | 93   | 226052   | 10.364  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.804  | 146  | 229674   | 10.115  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.957  | 146  | 236015   | 10.278  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.269  | 146  | 226520   | 10.002  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.169  | 79   | 188672   | 9.835   | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.463  | 45   | 307258   | 10.505  | ng    | 99       |
| 17) 2-Methylphenol            | 8.363  | 107  | 173446   | 9.750   | ng    | 98       |
| 18) Hexachloroethane          | 8.998  | 117  | 87635    | 10.170  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.733  | 70   | 185478   | 10.071  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.692  | 107  | 228646   | 9.107   | ng    | 99       |
| 22) Acetophenone              | 8.751  | 105  | 360680   | 10.634  | ng    | # 99     |
| 24) Nitrobenzene              | 9.133  | 77   | 267026   | 10.249  | ng    | 98       |
| 25) Isophorone                | 9.657  | 82   | 484868   | 10.031  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.839  | 139  | 94203    | 8.946   | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.898  | 122  | 159991   | 11.066  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.151 | 93   | 307908   | 10.431  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.369 | 162  | 178047   | 9.655   | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.586 | 180  | 209876   | 10.076  | ng    | 98       |
| 31) Naphthalene               | 10.775 | 128  | 709894   | 10.175  | ng    | 99       |
| 32) Benzoic acid              | 9.975  | 122  | 92413    | 11.679  | ng    | 93       |
| 33) 4-Chloroaniline           | 10.892 | 127  | 300718   | 10.486  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.051 | 225  | 112899   | 9.939   | ng    | 99       |
| 35) Caprolactam               | 11.663 | 113  | 67439    | 8.918   | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.016 | 107  | 209039   | 9.257   | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.386 | 142  | 480404   | 9.874   | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.604 | 142  | 472316   | 9.724   | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.751 | 216  | 232219   | 10.487  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.721 | 237  | 92266    | 12.669  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.998 | 196  | 139008   | 9.289   | ng    | 92       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020624\  
 Data File : BM043988.D  
 Acq On : 06 Feb 2024 12:50  
 Operator : MA/JU  
 Sample : 03572-08  
 Misc : LOQ-WATER-10PPM  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2023

Quant Time: Feb 07 03:05:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 06 07:03:31 2024  
 Response via : Initial Calibration

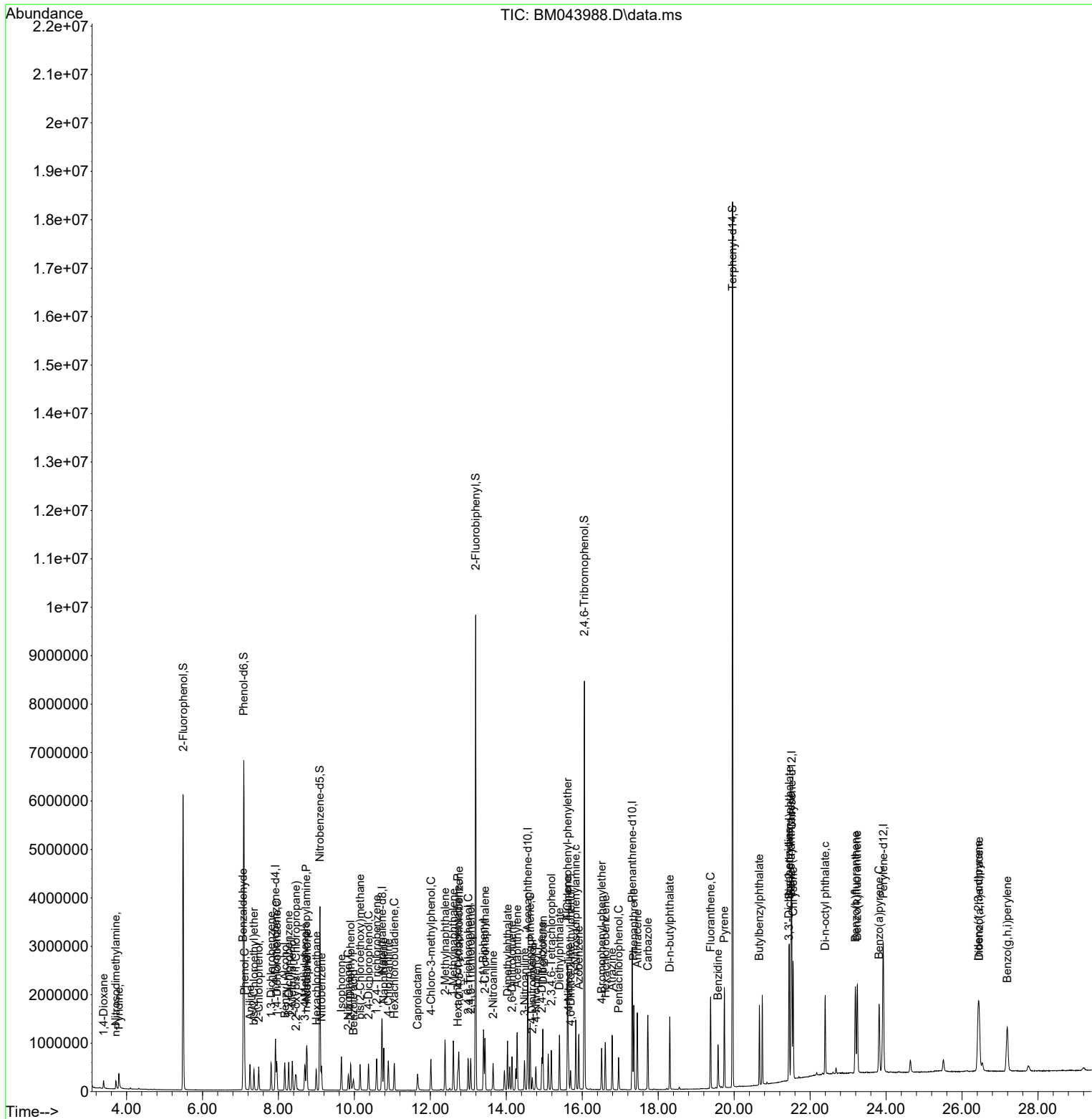
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.063 | 196  | 161075   | 9.434  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.398 | 154  | 649787   | 10.583 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.439 | 162  | 499055   | 10.192 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.651 | 65   | 147635   | 9.270  | ng    | 97       |
| 49) Acenaphthylene            | 14.286 | 152  | 824111   | 11.010 | ng    | 100      |
| 50) Dimethylphthalate         | 14.033 | 163  | 620350   | 10.229 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.151 | 165  | 123868   | 9.292  | ng    | 93       |
| 52) Acenaphthene              | 14.627 | 154  | 476306   | 10.038 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.480 | 138  | 145451   | 9.399  | ng    | # 94     |
| 54) 2,4-Dinitrophenol         | 14.686 | 184  | 47083    | 12.589 | ng    | 94       |
| 55) Dibenzofuran              | 14.963 | 168  | 773563   | 10.476 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.780 | 139  | 123230   | 9.112  | ng    | 99       |
| 57) 2,4-Dinitrotoluene        | 14.933 | 165  | 163132   | 8.791  | ng    | 97       |
| 58) Fluorene                  | 15.615 | 166  | 628178   | 10.074 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.186 | 232  | 146677   | 9.965  | ng    | 99       |
| 60) Diethylphthalate          | 15.398 | 149  | 616161   | 9.814  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.615 | 204  | 291690   | 10.026 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.639 | 138  | 157514   | 9.309  | ng    | 98       |
| 63) Azobenzene                | 15.909 | 77   | 639690   | 10.201 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 198  | 68399    | 11.828 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 15.827 | 169  | 535292   | 10.495 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.509 | 248  | 148409   | 8.798  | ng    | 98       |
| 68) Hexachlorobenzene         | 16.609 | 284  | 198199   | 9.855  | ng    | 98       |
| 69) Atrazine                  | 16.786 | 200  | 171813   | 12.176 | ng    | 99       |
| 70) Pentachlorophenol         | 16.956 | 266  | 105029   | 7.953  | ng    | 98       |
| 71) Phenanthrene              | 17.356 | 178  | 1006071  | 10.549 | ng    | 99       |
| 72) Anthracene                | 17.451 | 178  | 975467   | 10.447 | ng    | 99       |
| 73) Carbazole                 | 17.727 | 167  | 957114   | 9.898  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.303 | 149  | 1009573  | 9.520  | ng    | 100      |
| 75) Fluoranthene              | 19.380 | 202  | 1140760  | 9.672  | ng    | 98       |
| 77) Benzidine                 | 19.574 | 184  | 516315   | 23.275 | ng    | 99       |
| 78) Pyrene                    | 19.739 | 202  | 1232529  | 10.255 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.662 | 149  | 445085   | 9.353  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.497 | 228  | 1282857  | 10.459 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.439 | 252  | 420729   | 10.727 | ng    | 99       |
| 83) Chrysene                  | 21.550 | 228  | 1195129  | 10.170 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.450 | 149  | 677200   | 9.569  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.397 | 149  | 1102298  | 9.041  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.426 | 276  | 1459984  | 9.712  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.191 | 252  | 1263484  | 9.999  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.238 | 252  | 1243340  | 10.256 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.815 | 252  | 1095411  | 9.807  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 26.450 | 278  | 1209209  | 9.754  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.191 | 276  | 1179942  | 9.331  | ng    | 99       |

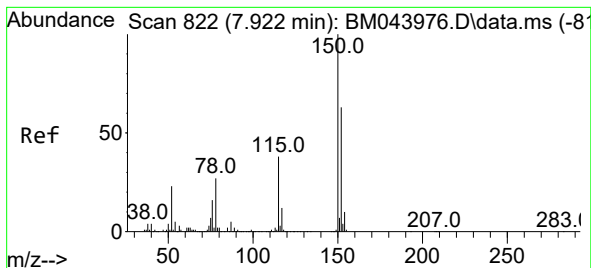
(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
BNA\_M

**ClientSampleId :**  
LOQ-WATER-02-QT3-2023

Quant Time: Feb 07 03:05:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Feb 06 07:03:31 2024  
Response via : Initial Calibration

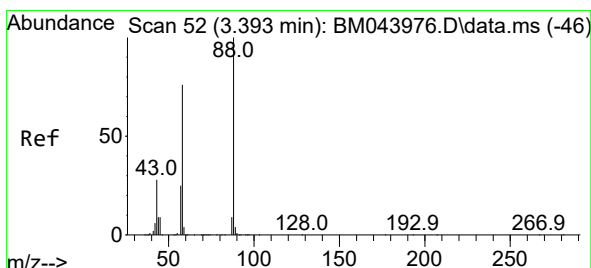
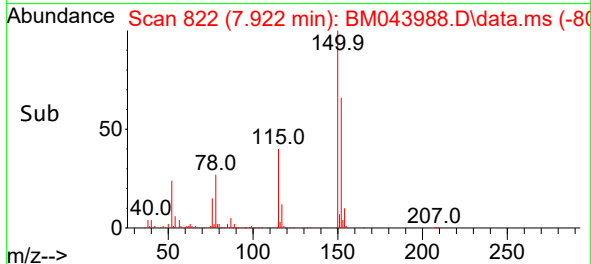
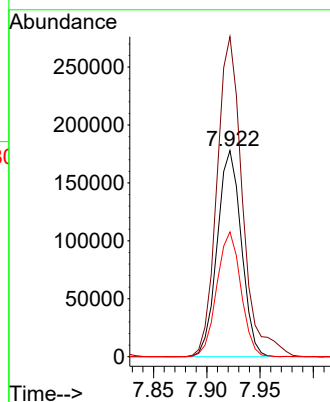
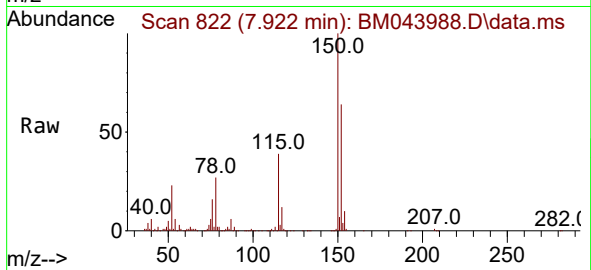




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.922 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

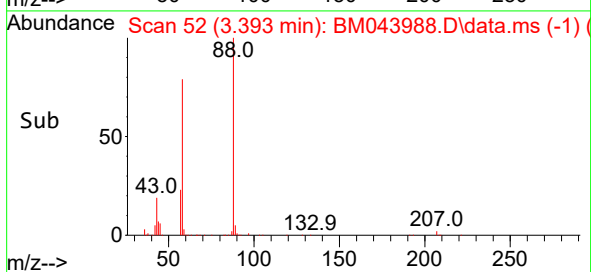
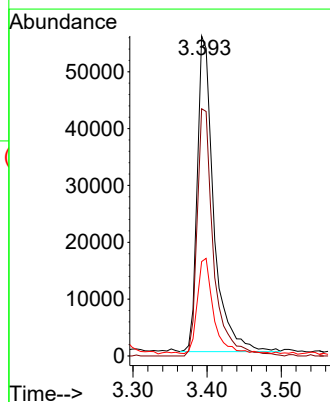
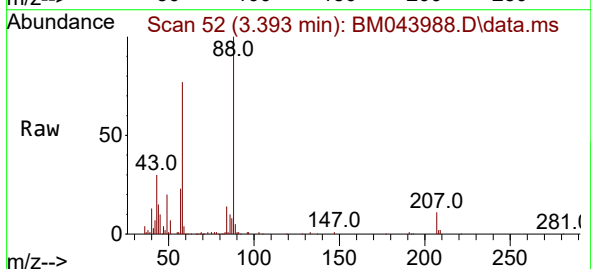
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

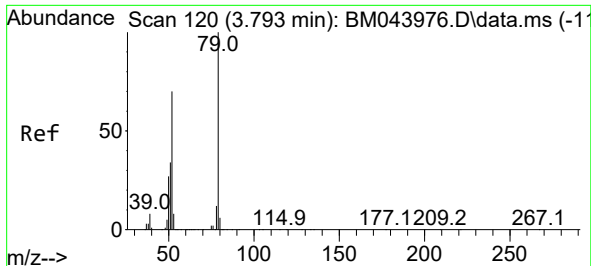
Tgt Ion:152 Resp: 279732  
Ion Ratio Lower Upper  
152 100  
150 155.3 126.1 189.1  
115 60.6 48.2 72.2



#2  
1,4-Dioxane  
Concen: 11.702 ng  
RT: 3.393 min Scan# 52  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion: 88 Resp: 85667  
Ion Ratio Lower Upper  
88 100  
58 77.4 61.0 91.6  
43 29.7 23.0 34.6

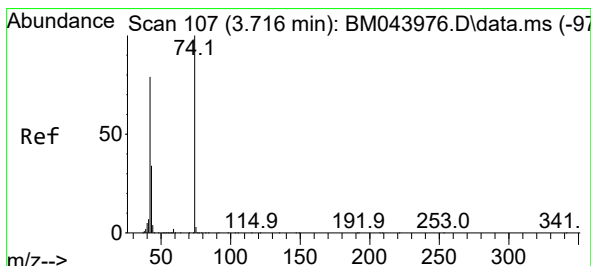
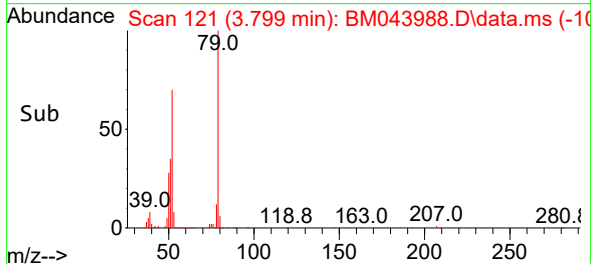
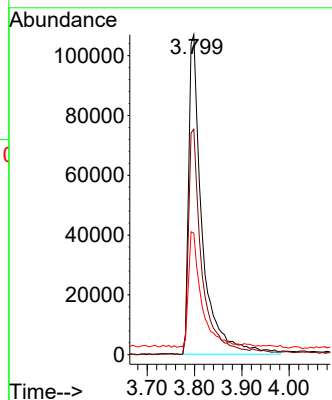
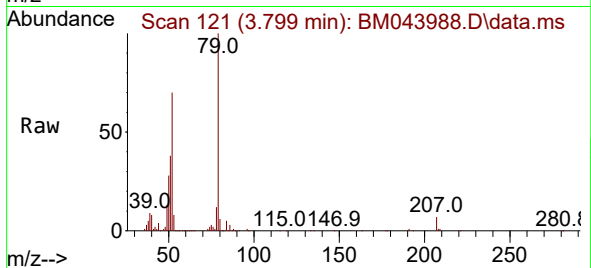




#3  
Pyridine  
Concen: 9.570 ng  
RT: 3.799 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

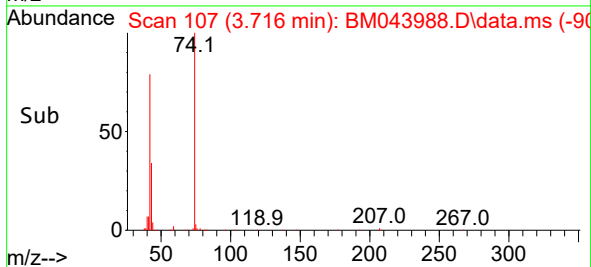
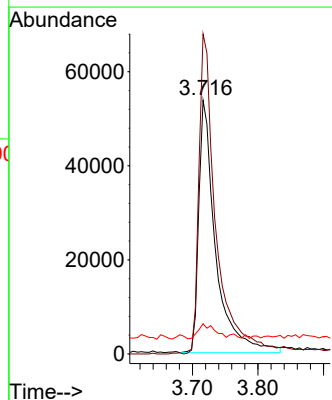
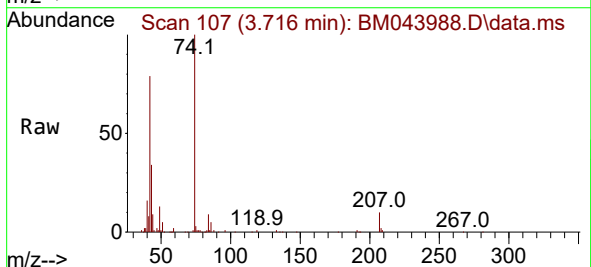
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

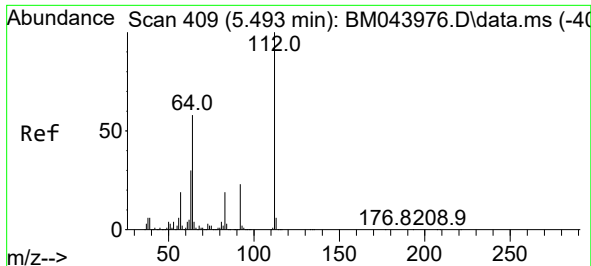
Tgt Ion: 79 Resp: 213201  
Ion Ratio Lower Upper  
79 100  
52 70.5 55.9 83.9  
51 38.0 28.2 42.2



#4  
n-Nitrosodimethylamine  
Concen: 10.073 ng  
RT: 3.716 min Scan# 107  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion: 42 Resp: 96472  
Ion Ratio Lower Upper  
42 100  
74 126.2 100.7 151.1  
44 12.0 7.3 10.9#

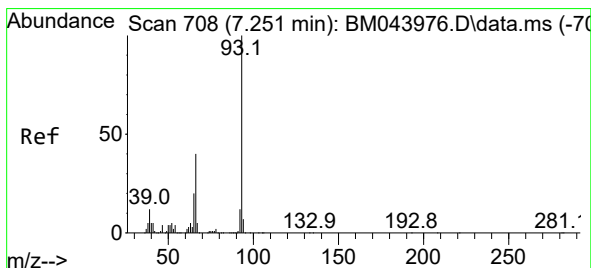
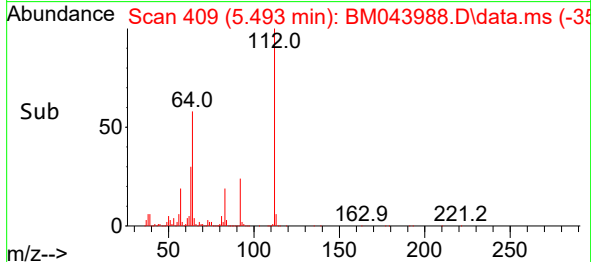
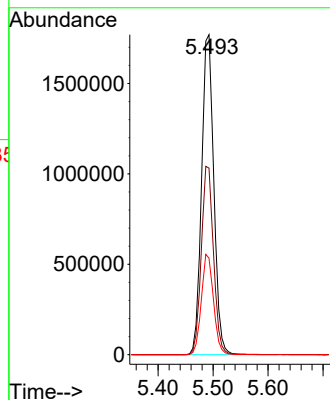
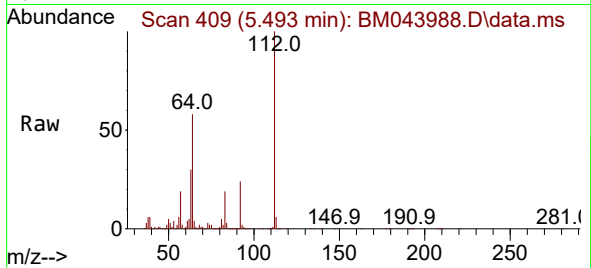




#5  
2-Fluorophenol  
Concen: 144.354 ng  
RT: 5.493 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

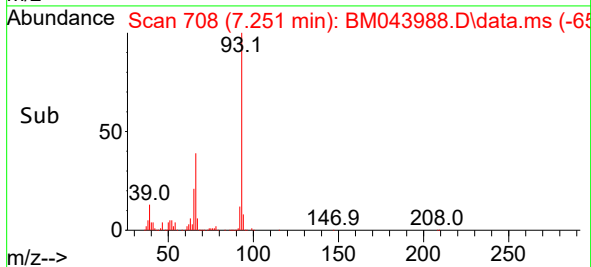
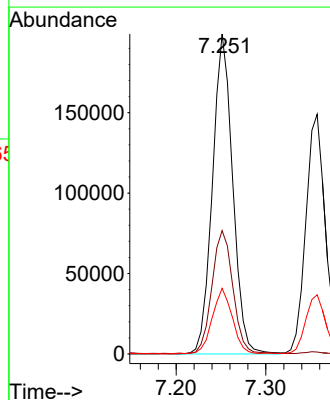
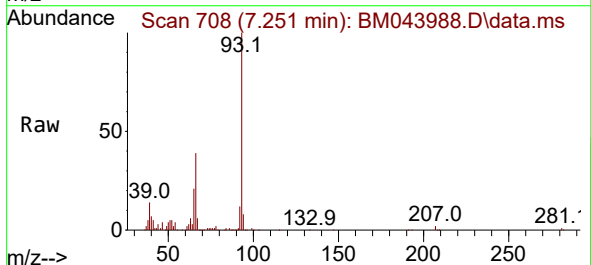
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

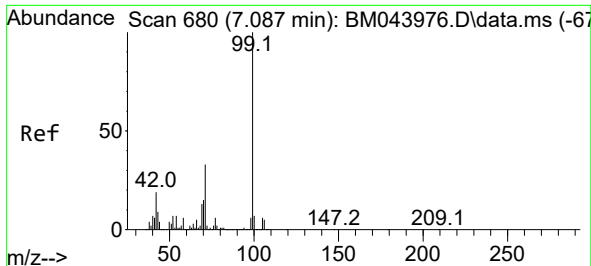
Tgt Ion:112 Resp: 2734446  
Ion Ratio Lower Upper  
112 100  
64 58.3 46.6 70.0  
63 30.2 24.2 36.4



#6  
Aniline  
Concen: 11.180 ng  
RT: 7.251 min Scan# 708  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion: 93 Resp: 311341  
Ion Ratio Lower Upper  
93 100  
66 38.5 32.2 48.2  
65 20.5 15.8 23.8



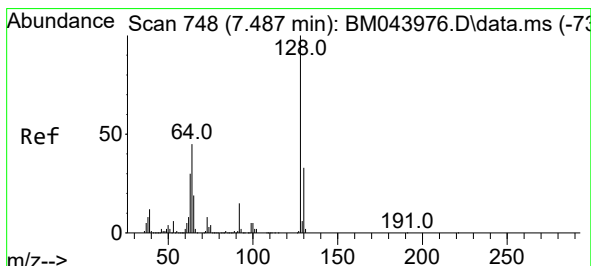
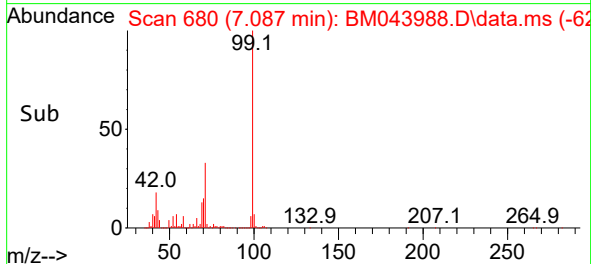
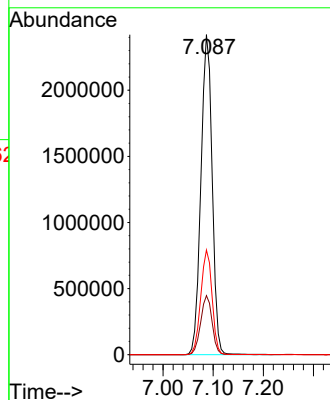
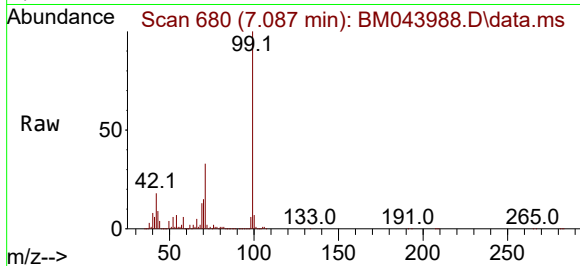


#7  
Phenol-d6  
Concen: 134.860 ng  
RT: 7.087 min Scan# 680  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

Tgt Ion: 99 Resp: 3774442

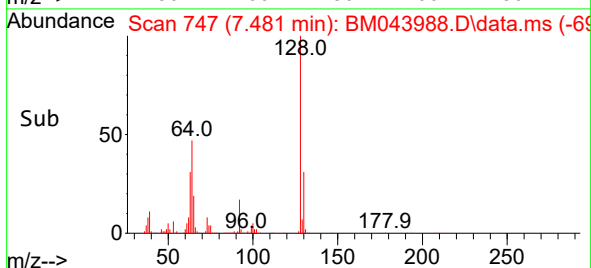
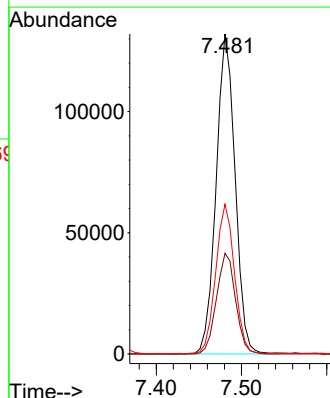
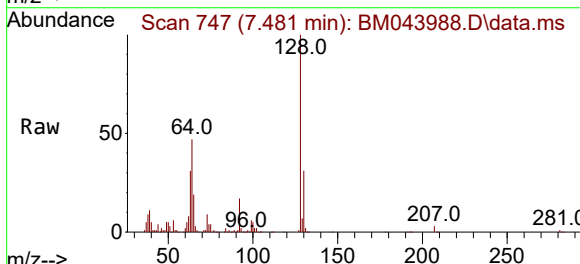
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.5  | 14.9  | 22.3  |
| 71  | 32.7  | 26.3  | 39.5  |

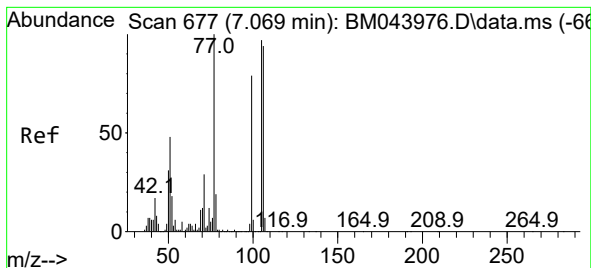


#8  
2-Chlorophenol  
Concen: 9.724 ng  
RT: 7.481 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:128 Resp: 204516

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.4  | 12.9  | 52.9  |
| 64  | 46.8  | 25.6  | 65.6  |

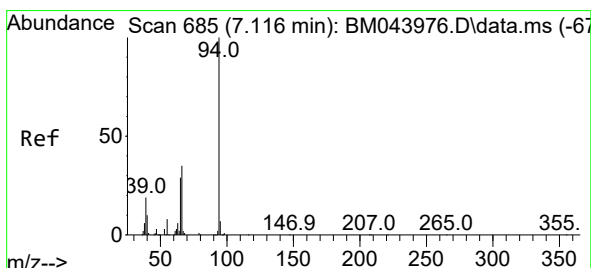
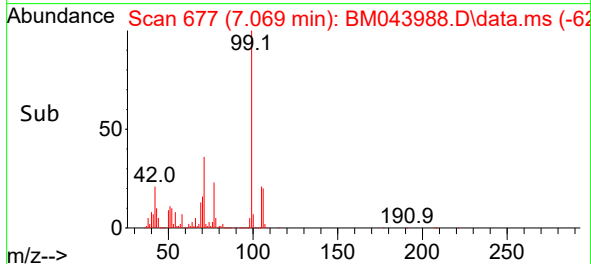
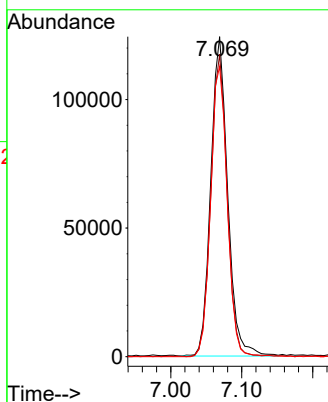
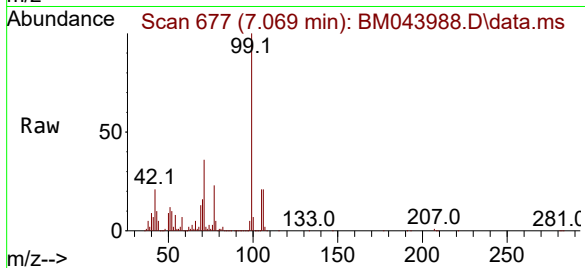




#9  
Benzaldehyde  
Concen: 12.807 ng  
RT: 7.069 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

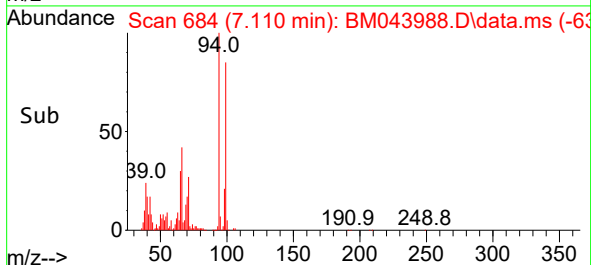
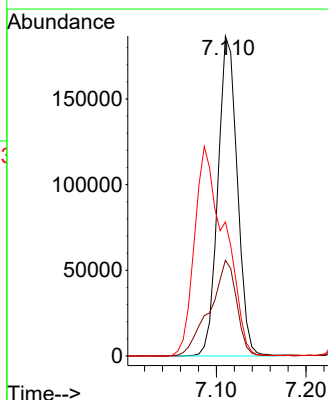
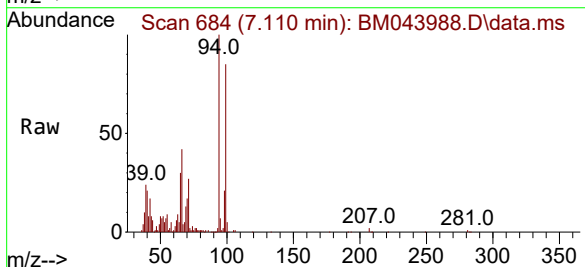
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

Tgt Ion: 77 Resp: 205415  
Ion Ratio Lower Upper  
77 100  
105 94.5 77.4 117.4  
106 90.7 73.5 113.5

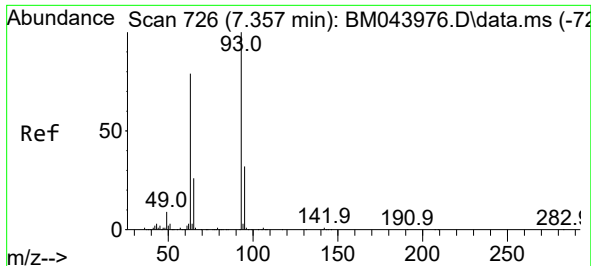


#10  
Phenol  
Concen: 10.050 ng  
RT: 7.110 min Scan# 684  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion: 94 Resp: 279672  
Ion Ratio Lower Upper  
94 100  
65 29.9 9.3 49.3  
66 41.9 15.7 55.7



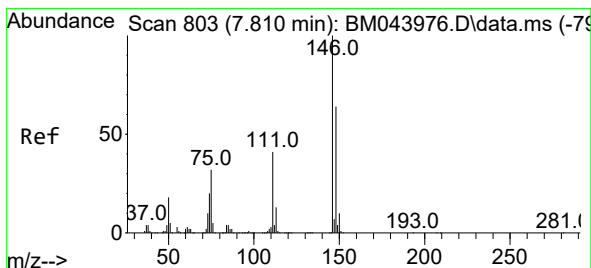
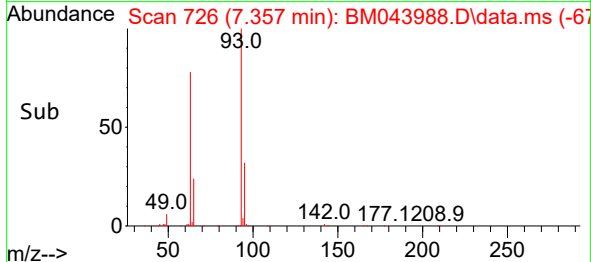
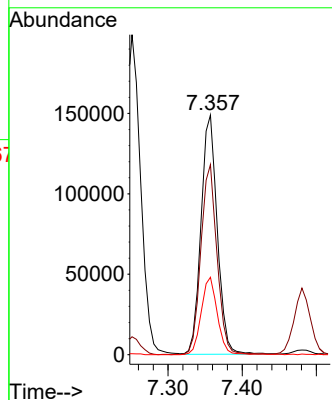
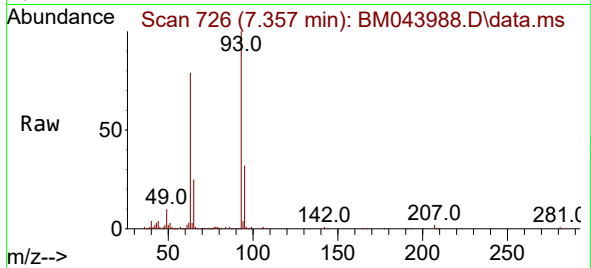




#11  
bis(2-Chloroethyl)ether  
Concen: 10.364 ng  
RT: 7.357 min Scan# 726  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

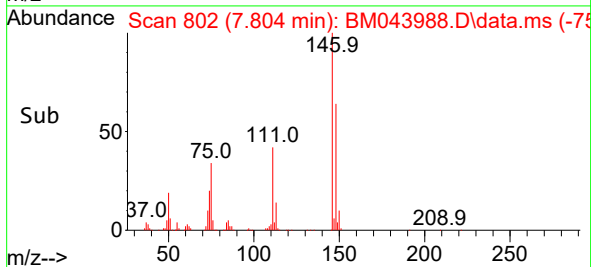
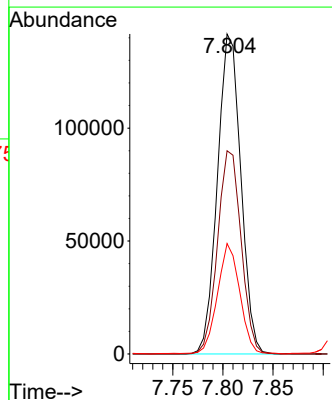
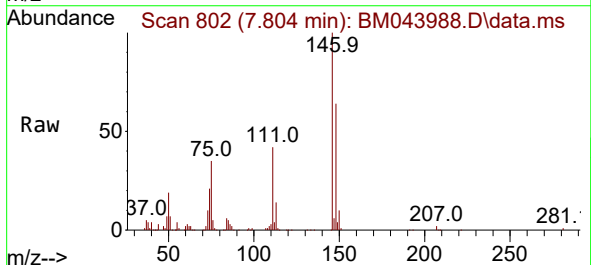
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

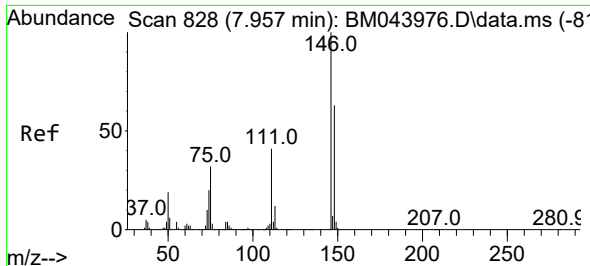
Tgt Ion: 93 Resp: 226052  
Ion Ratio Lower Upper  
93 100  
63 79.3 59.0 99.0  
95 32.3 11.9 51.9



#12  
1,3-Dichlorobenzene  
Concen: 10.115 ng  
RT: 7.804 min Scan# 802  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:146 Resp: 229674  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.0 76.6  
75 34.5 26.1 39.1

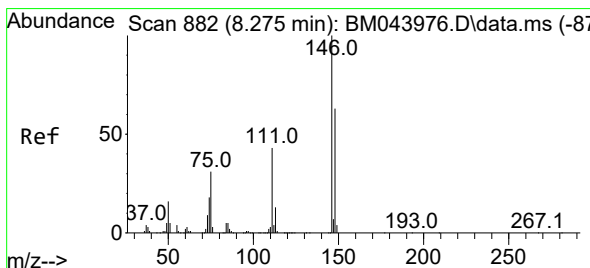
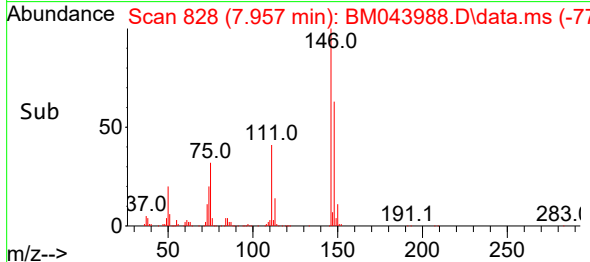
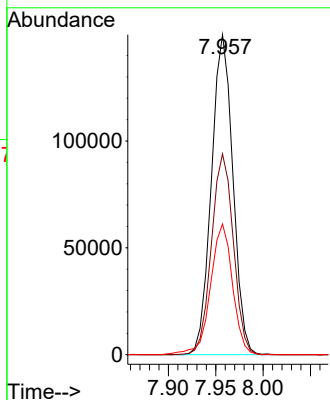
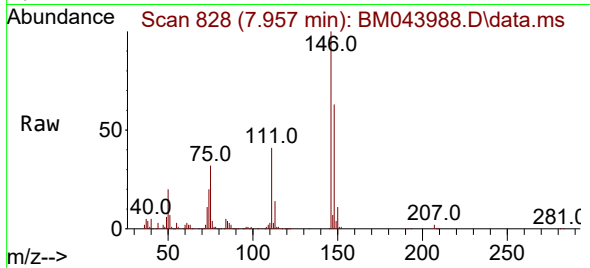




#13  
1,4-Dichlorobenzene  
Concen: 10.278 ng  
RT: 7.957 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

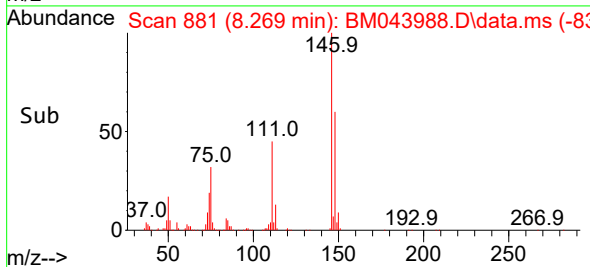
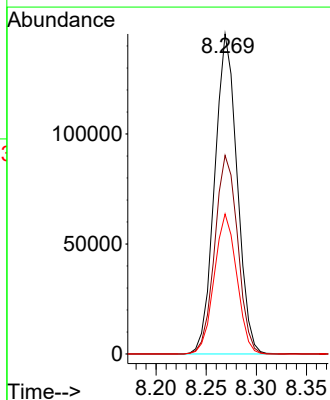
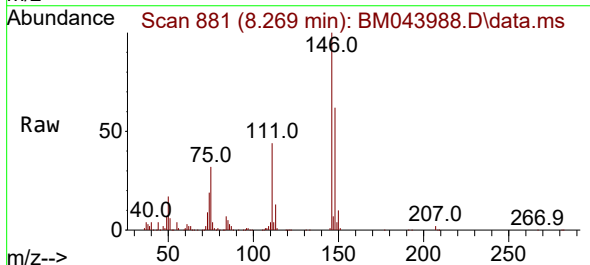
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

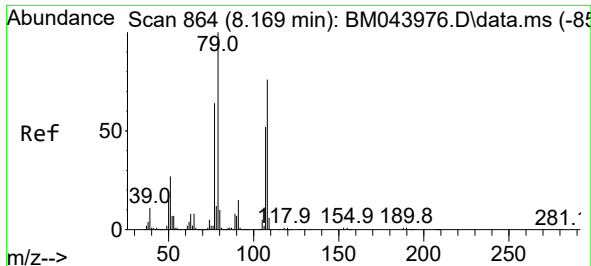
Tgt Ion:146 Resp: 236015  
Ion Ratio Lower Upper  
146 100  
148 62.8 50.7 76.1  
111 40.9 32.6 49.0



#14  
1,2-Dichlorobenzene  
Concen: 10.002 ng  
RT: 8.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:146 Resp: 226520  
Ion Ratio Lower Upper  
146 100  
148 62.0 50.3 75.5  
111 43.8 34.3 51.5

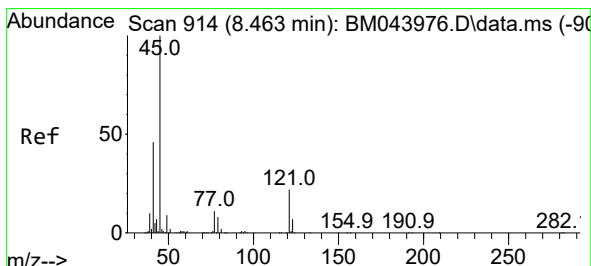
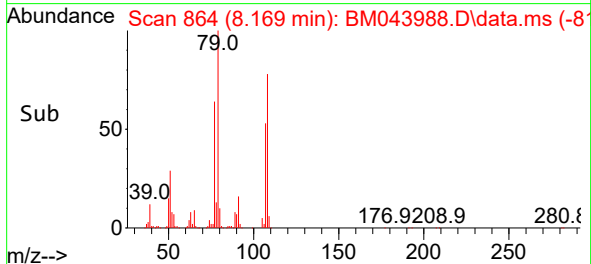
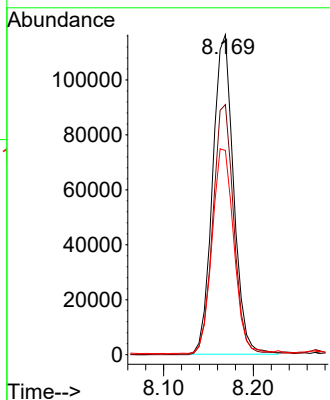
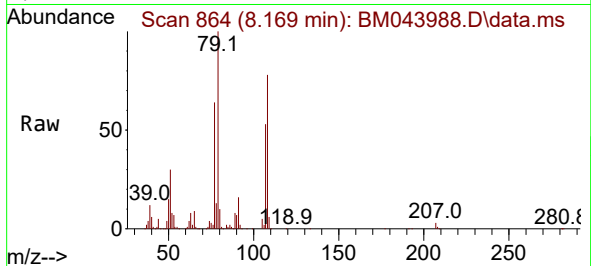




#15  
Benzyl Alcohol  
Concen: 9.835 ng  
RT: 8.169 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

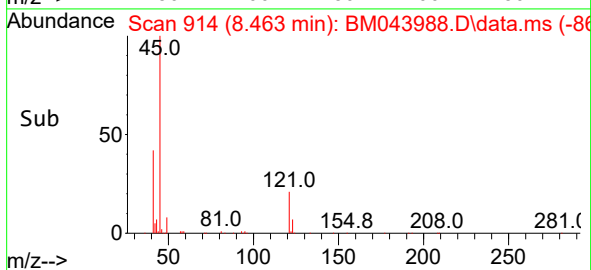
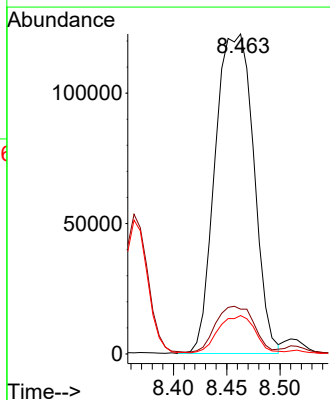
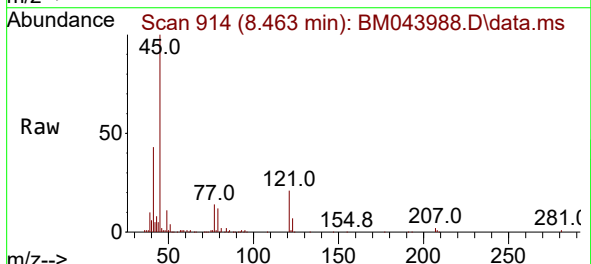
Instrument : BNA\_M  
ClientSampleId : LOQ-WATER-02-QT3-2023

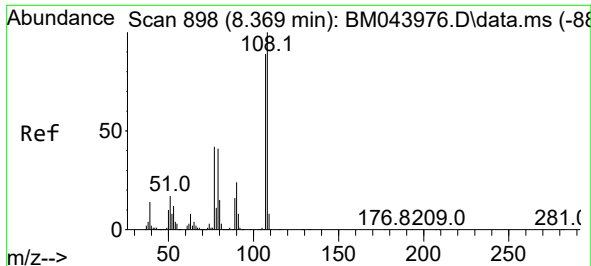
Tgt Ion: 79 Resp: 188672  
Ion Ratio Lower Upper  
79 100  
108 78.1 60.7 91.1  
77 63.8 50.9 76.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 10.505 ng  
RT: 8.463 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion: 45 Resp: 307258  
Ion Ratio Lower Upper  
45 100  
77 14.0 0.0 34.4  
79 12.0 0.0 31.2

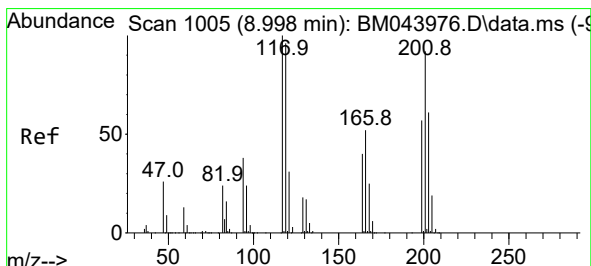
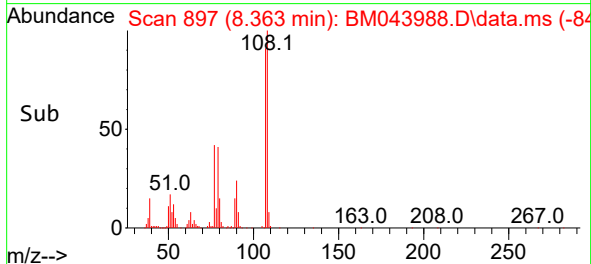
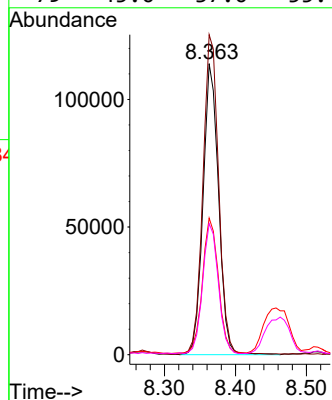
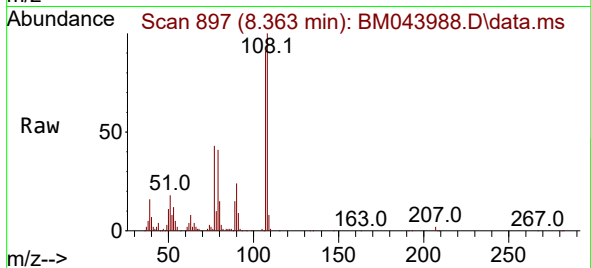




#17  
2-Methylphenol  
Concen: 9.750 ng  
RT: 8.363 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

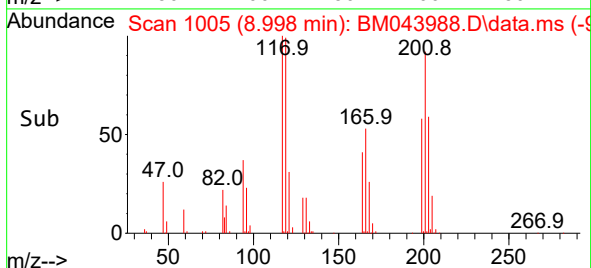
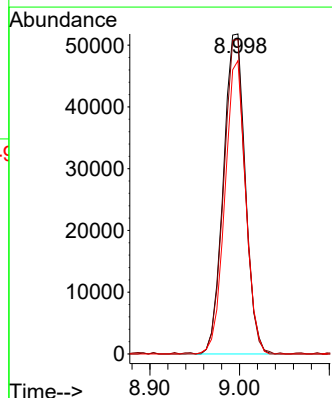
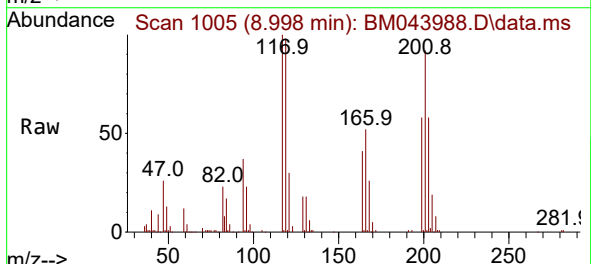
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

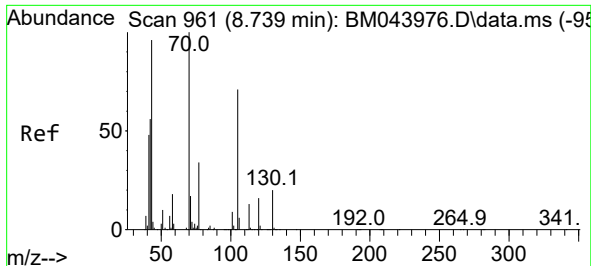
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 173446 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 109.9 | 90.4  | 135.6  |
| 77        | 46.9  | 38.0  | 57.0   |
| 79        | 45.0  | 37.0  | 55.4   |



#18  
Hexachloroethane  
Concen: 10.170 ng  
RT: 8.998 min Scan# 1005  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 87635 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 98.3  | 76.7  | 115.1 |
| 201       | 91.6  | 73.4  | 110.2 |

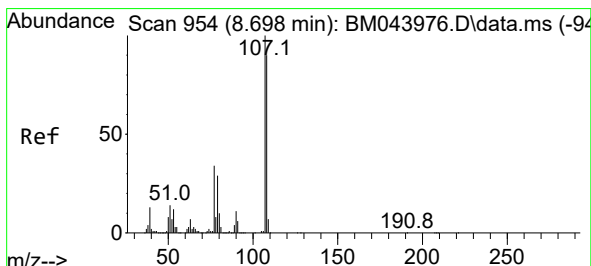
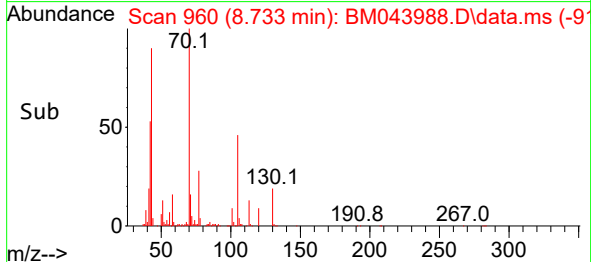
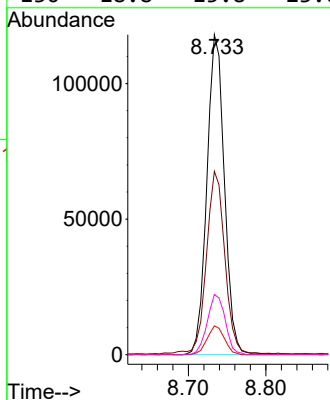
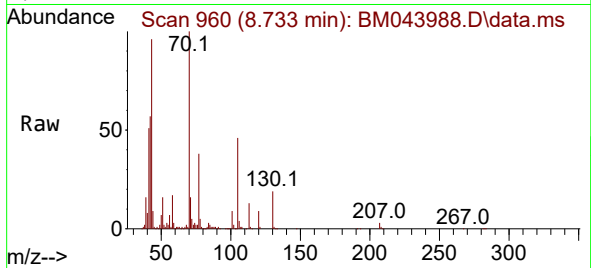




#19  
n-Nitroso-di-n-propylamine  
Concen: 10.071 ng  
RT: 8.733 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

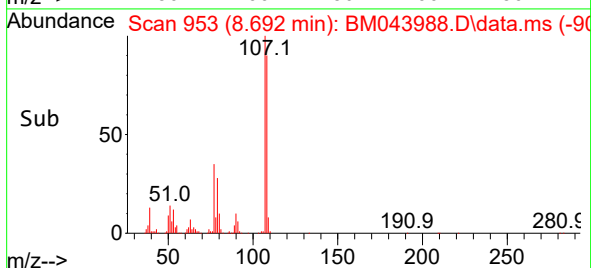
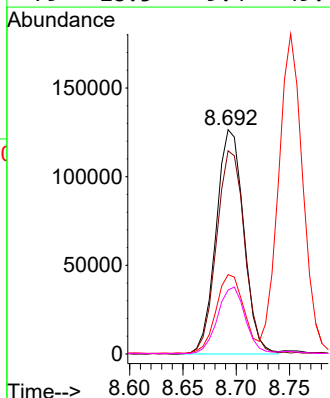
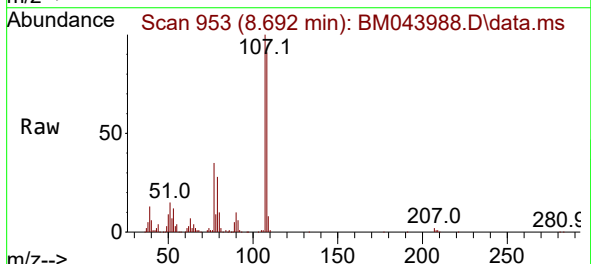
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

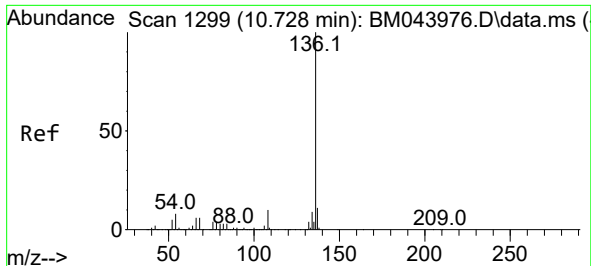
Tgt Ion: 70 Resp: 185478  
Ion Ratio Lower Upper  
70 100  
42 57.3 45.6 68.4  
101 9.0 7.5 11.3  
130 18.8 15.8 23.6



#20  
3+4-Methylphenols  
Concen: 9.107 ng  
RT: 8.692 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion: 107 Resp: 228646  
Ion Ratio Lower Upper  
107 100  
108 90.6 70.3 110.3  
77 35.3 14.0 54.0  
79 28.5 9.4 49.4

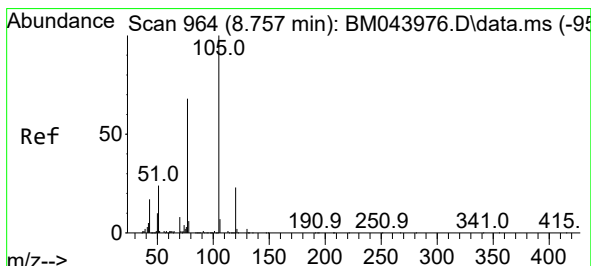
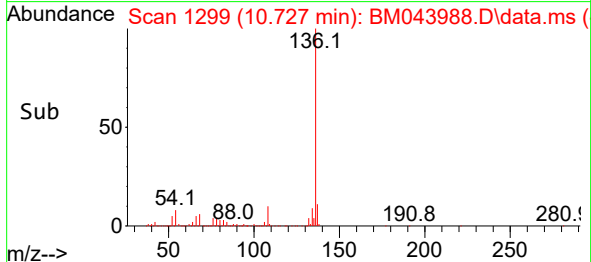
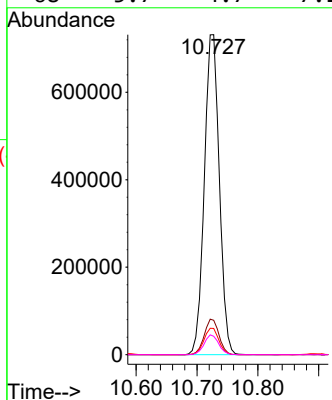
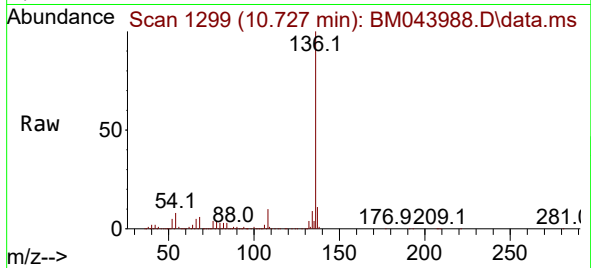




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.727 min Scan# 1299  
Delta R.T. -0.001 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

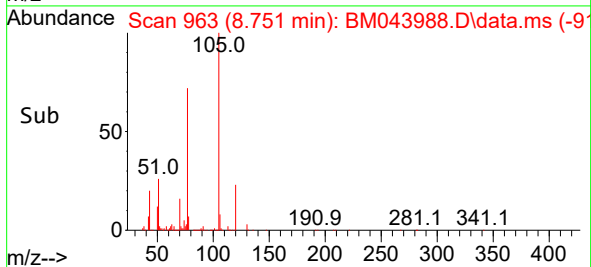
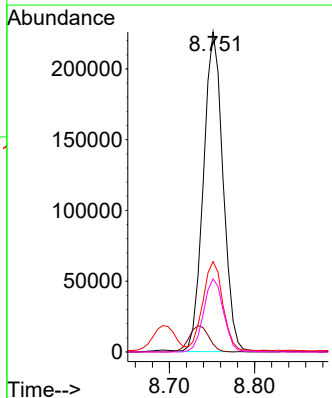
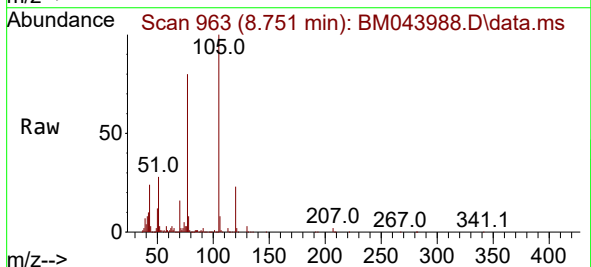
Instrument : BNA\_M  
ClientSampleId : LOQ-WATER-02-QT3-2023

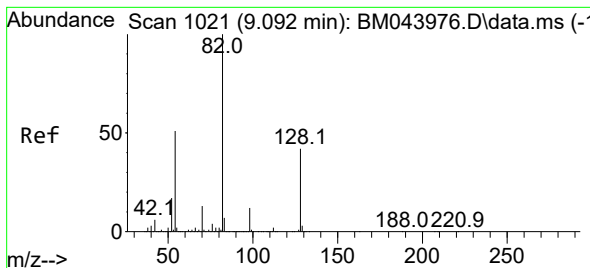
Tgt Ion:136 Resp: 1251738  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 8.2 6.5 9.7  
68 5.7 4.7 7.1



#22  
Acetophenone  
Concen: 10.634 ng  
RT: 8.751 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:105 Resp: 360680  
Ion Ratio Lower Upper  
105 100  
71 2.5 1.6 2.4#  
51 28.3 21.8 32.6  
120 22.8 18.5 27.7





#23

Nitrobenzene-d5

Concen: 83.608 ng

RT: 9.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

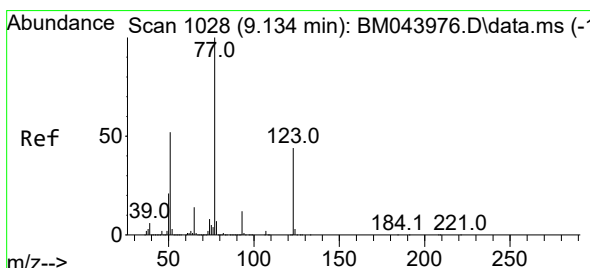
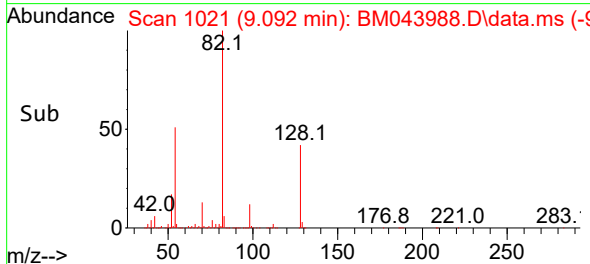
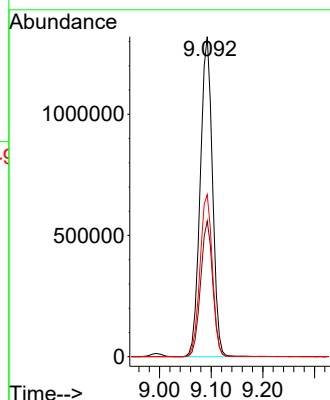
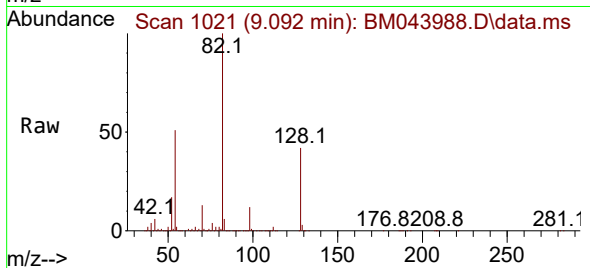
Tgt Ion: 82 Resp: 2171025

Ion Ratio Lower Upper

82 100

128 42.4 33.9 50.9

54 50.6 41.1 61.7



#24

Nitrobenzene

Concen: 10.249 ng

RT: 9.133 min Scan# 1028

Delta R.T. -0.000 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

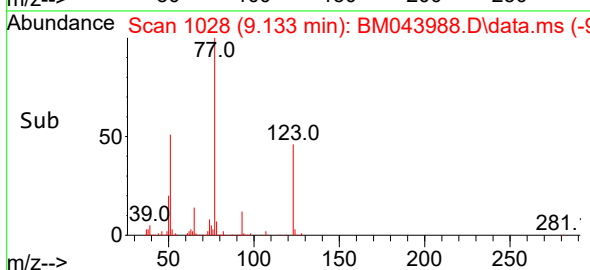
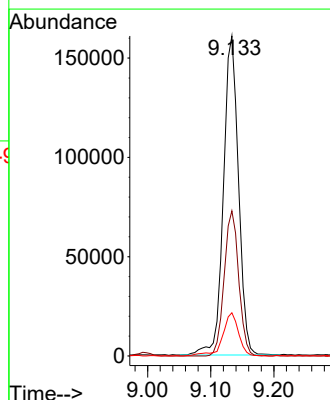
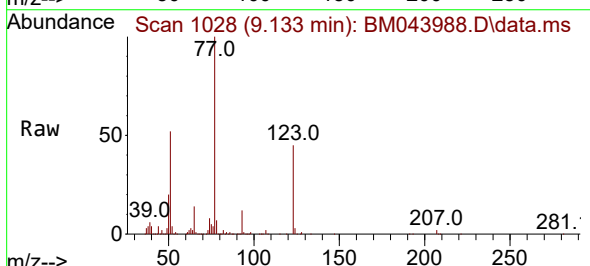
Tgt Ion: 77 Resp: 267026

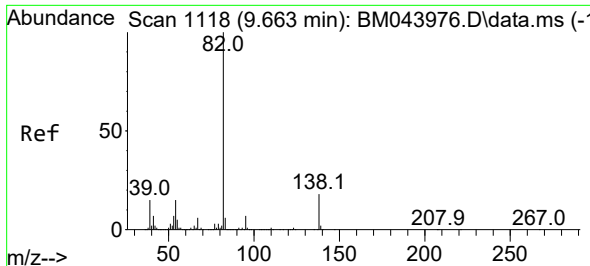
Ion Ratio Lower Upper

77 100

123 45.3 35.3 52.9

65 13.5 10.9 16.3





#25

Isophorone

Concen: 10.031 ng

RT: 9.657 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

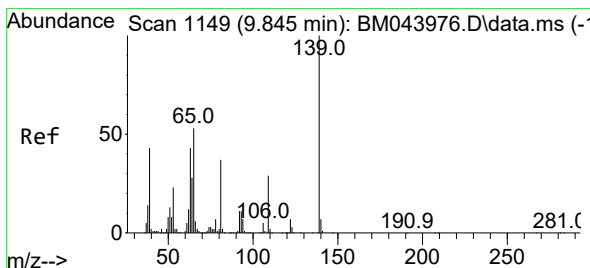
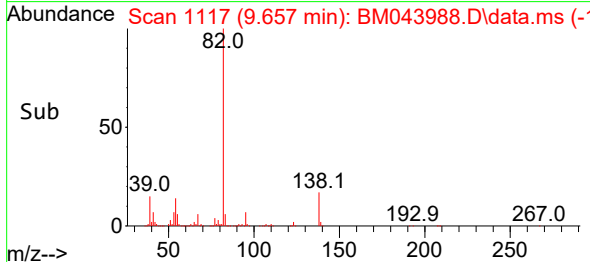
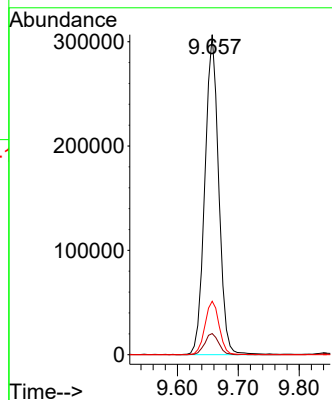
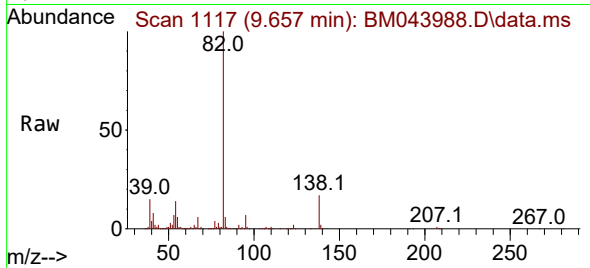
Tgt Ion: 82 Resp: 484868

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.7 14.2 21.2



#26

2-Nitrophenol

Concen: 8.946 ng

RT: 9.839 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

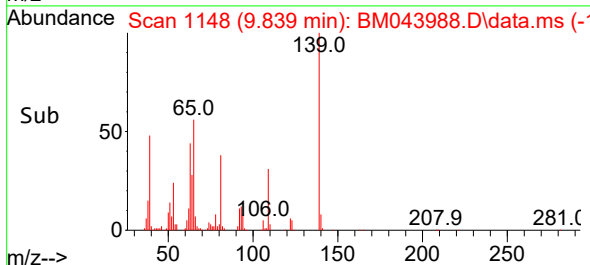
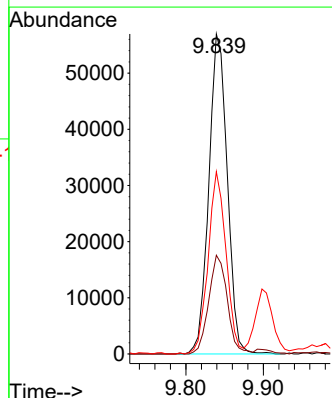
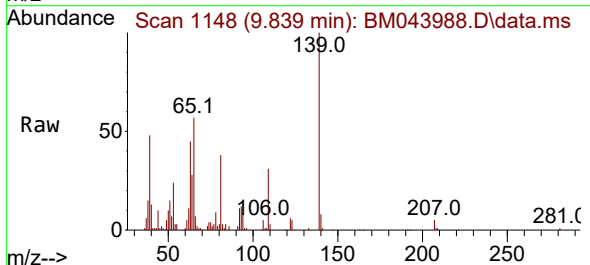
Tgt Ion:139 Resp: 94203

Ion Ratio Lower Upper

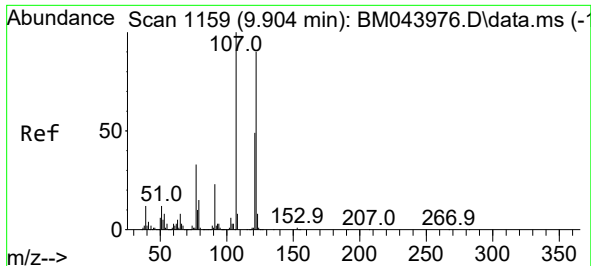
139 100

109 30.8 23.3 34.9

65 57.0 42.5 63.7



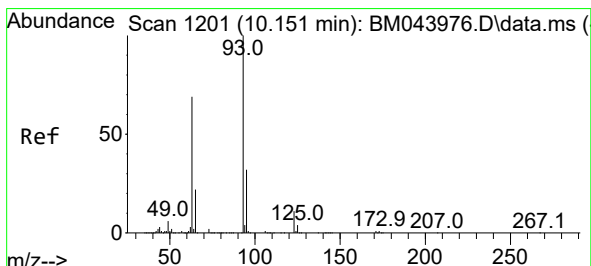
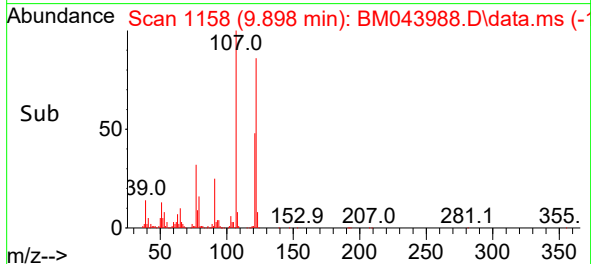
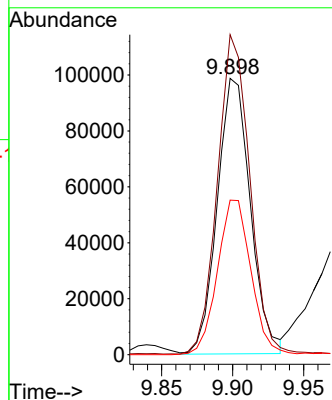
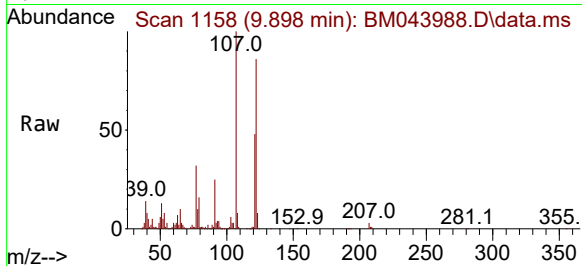




#27  
2,4-Dimethylphenol  
Concen: 11.066 ng  
RT: 9.898 min Scan# 1158  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

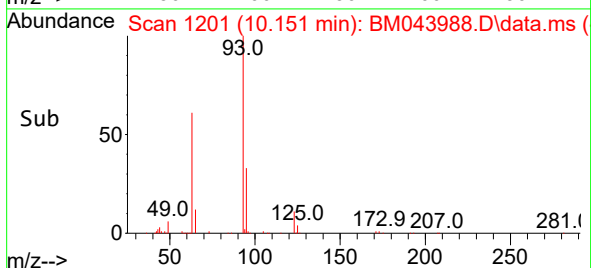
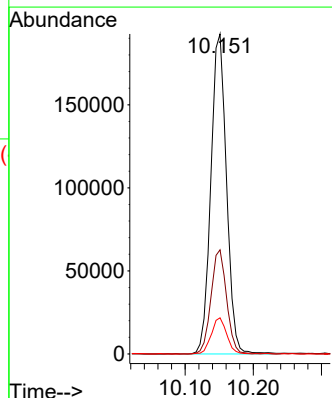
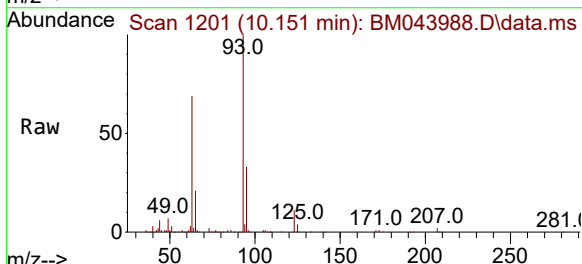
Instrument : BNA\_M  
ClientSampleId : LOQ-WATER-02-QT3-2023

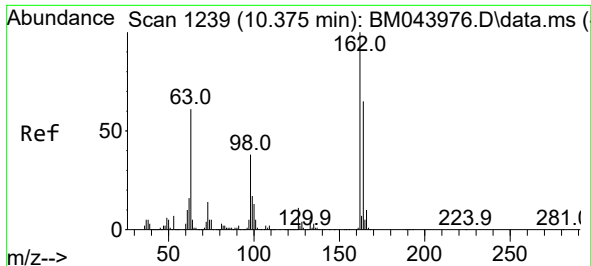
Tgt Ion:122 Resp: 159991  
Ion Ratio Lower Upper  
122 100  
107 115.8 89.0 133.4  
121 56.0 43.4 65.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.431 ng  
RT: 10.151 min Scan# 1201  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion: 93 Resp: 307908  
Ion Ratio Lower Upper  
93 100  
95 32.5 25.9 38.9  
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 9.655 ng

RT: 10.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

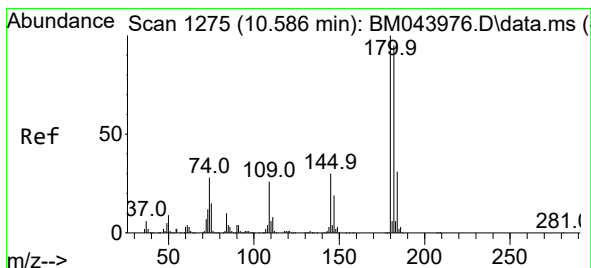
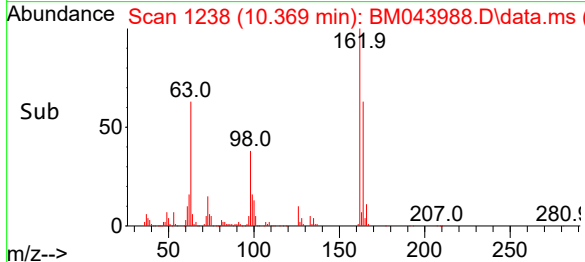
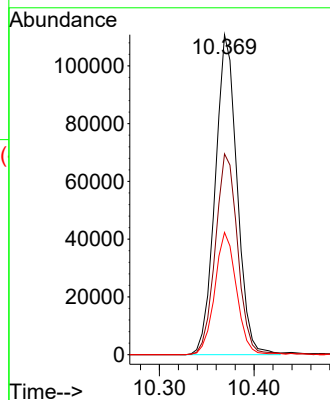
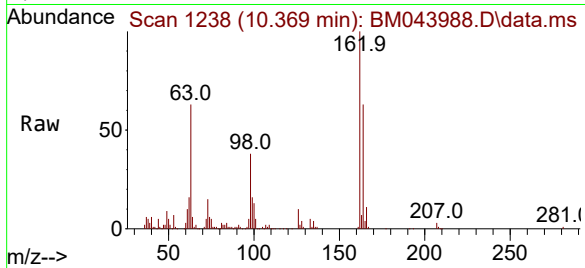
Tgt Ion:162 Resp: 178047

Ion Ratio Lower Upper

162 100

164 62.8 45.1 85.1

98 38.2 17.8 57.8



#30

1,2,4-Trichlorobenzene

Concen: 10.076 ng

RT: 10.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

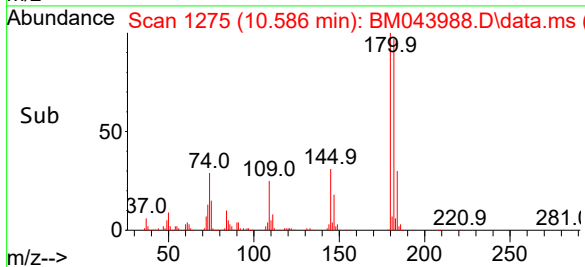
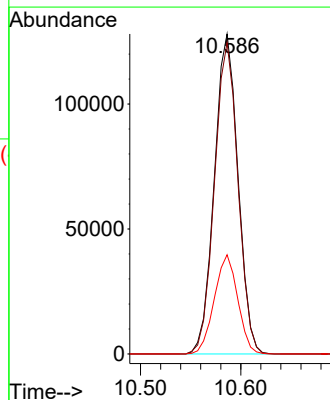
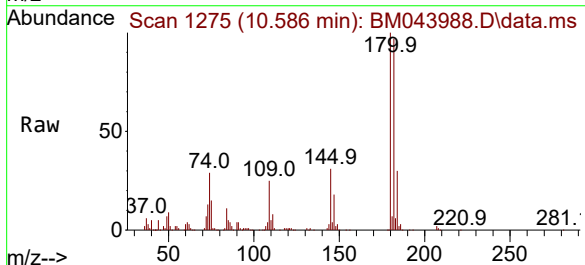
Tgt Ion:180 Resp: 209876

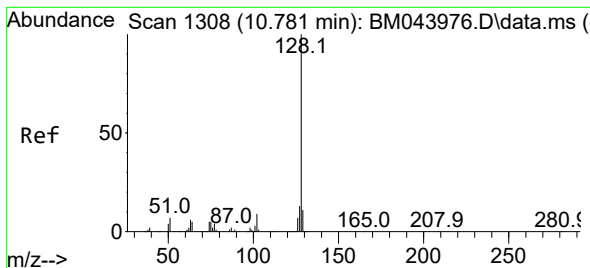
Ion Ratio Lower Upper

180 100

182 97.3 76.0 114.0

145 31.0 24.2 36.2





#31

Naphthalene

Concen: 10.175 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

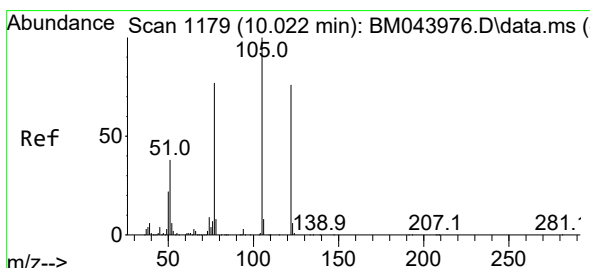
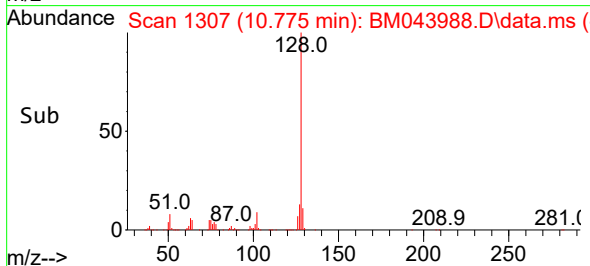
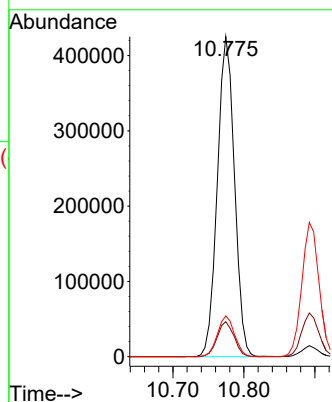
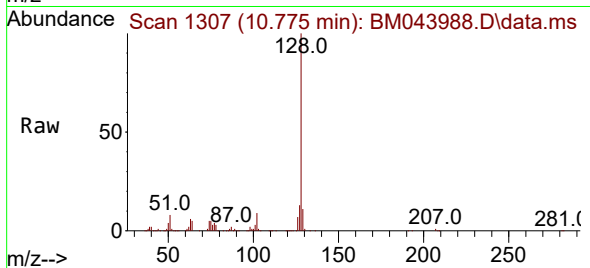
Tgt Ion:128 Resp: 709894

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 12.8 10.1 15.1



#32

Benzoic acid

Concen: 11.679 ng

RT: 9.975 min Scan# 1171

Delta R.T. -0.047 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

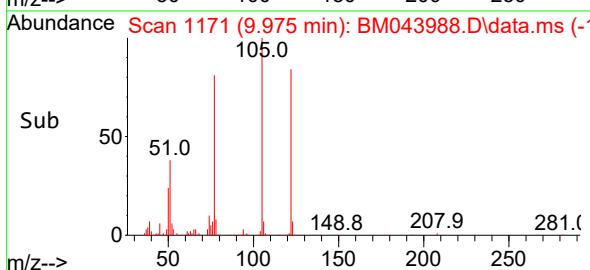
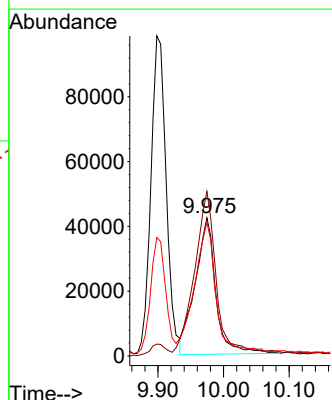
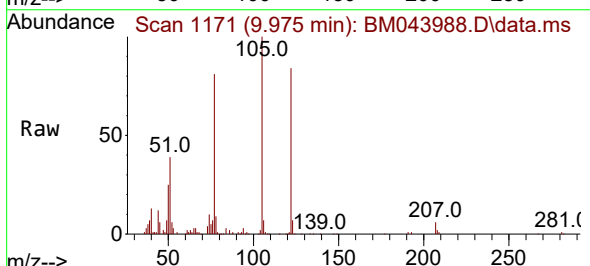
Tgt Ion:122 Resp: 92413

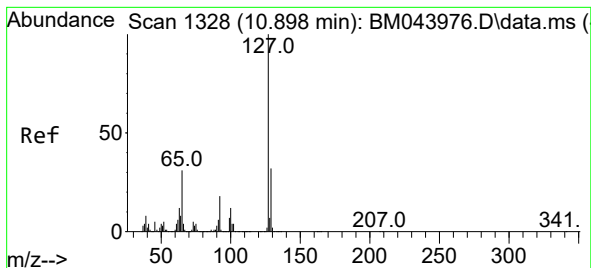
Ion Ratio Lower Upper

122 100

105 119.1 109.4 149.4

77 96.8 80.5 120.5





#33

4-Chloroaniline

Concen: 10.486 ng

RT: 10.892 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:127 Resp: 300718

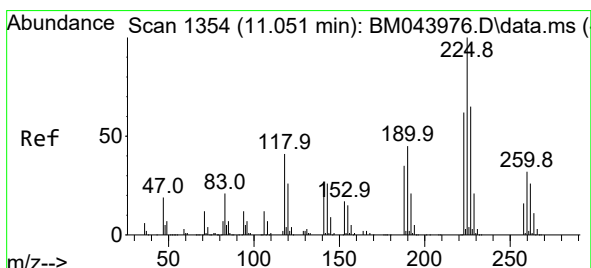
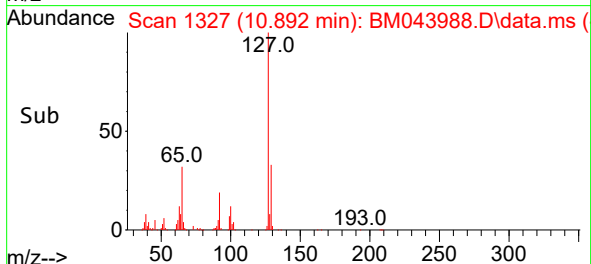
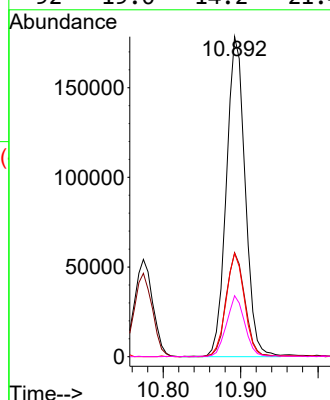
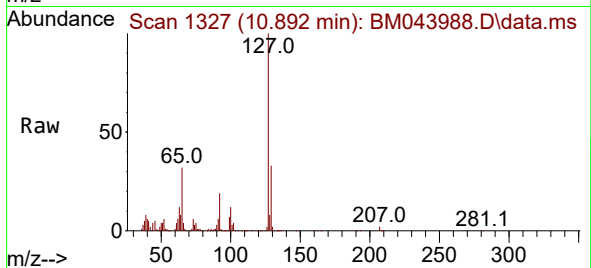
Ion Ratio Lower Upper

127 100

129 32.5 25.6 38.4

65 32.3 24.5 36.7

92 19.0 14.2 21.4



#34

Hexachlorobutadiene

Concen: 9.939 ng

RT: 11.051 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

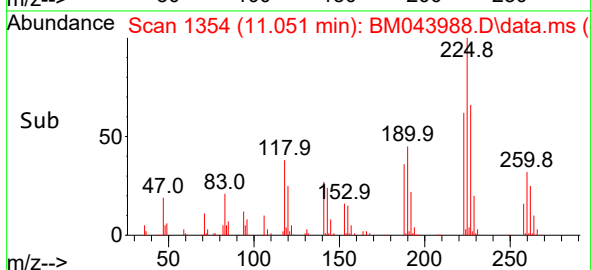
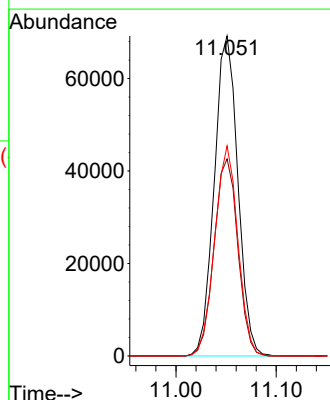
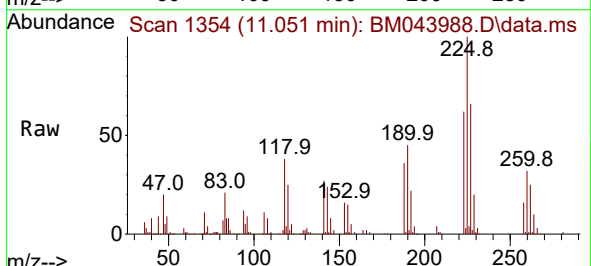
Tgt Ion:225 Resp: 112899

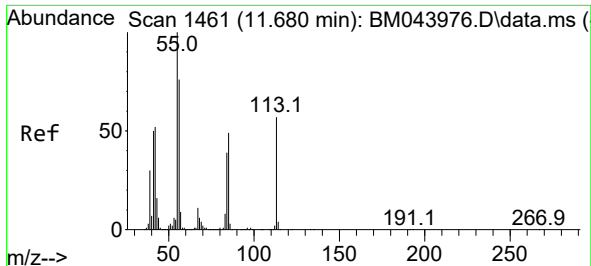
Ion Ratio Lower Upper

225 100

223 61.6 49.8 74.8

227 65.7 51.7 77.5

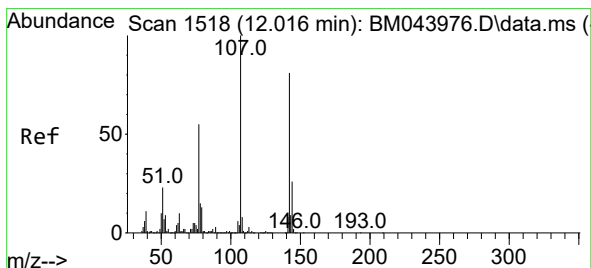
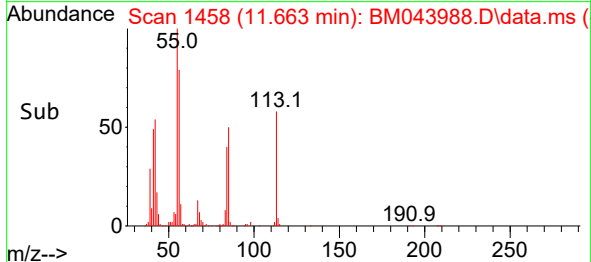
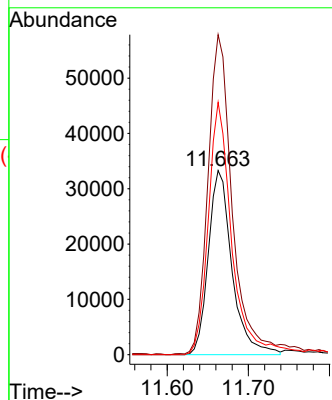
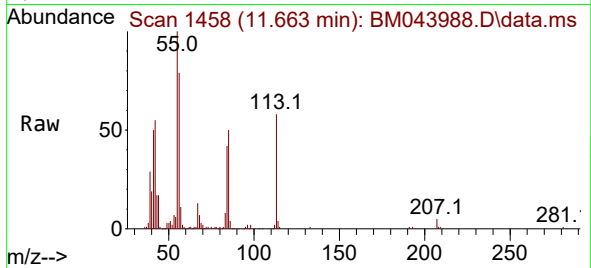




#35  
Caprolactam  
Concen: 8.918 ng  
RT: 11.663 min Scan# 1461  
Delta R.T. -0.018 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

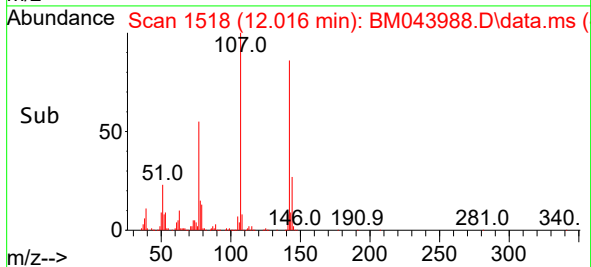
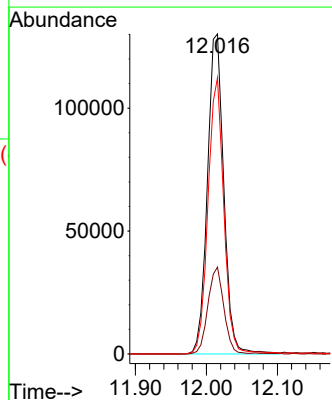
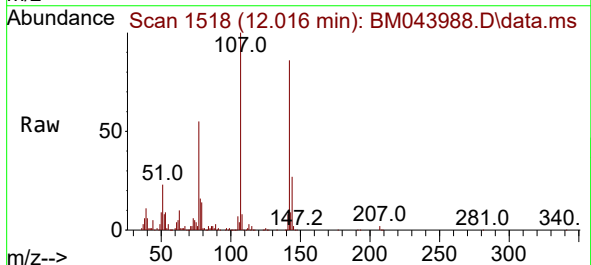
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

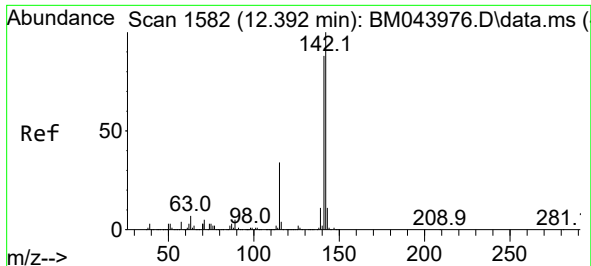
Tgt Ion:113 Resp: 67439  
Ion Ratio Lower Upper  
113 100  
55 173.8 154.3 194.3  
56 137.0 112.2 152.2



#36  
4-Chloro-3-methylphenol  
Concen: 9.257 ng  
RT: 12.016 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:107 Resp: 209039  
Ion Ratio Lower Upper  
107 100  
144 27.1 21.1 31.7  
142 86.3 65.0 97.4

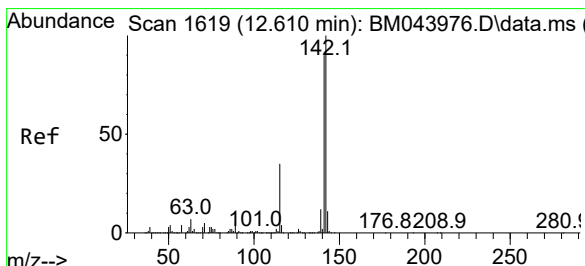
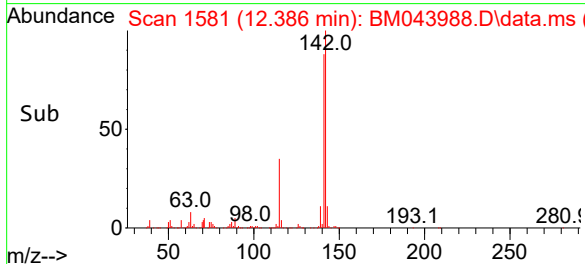
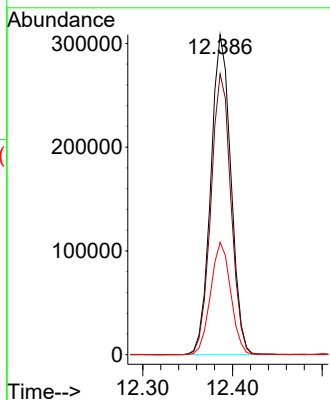
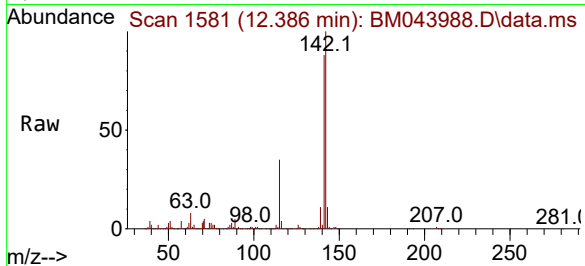




#37  
2-Methylnaphthalene  
Concen: 9.874 ng  
RT: 12.386 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

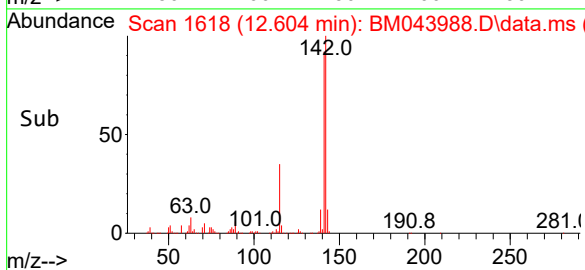
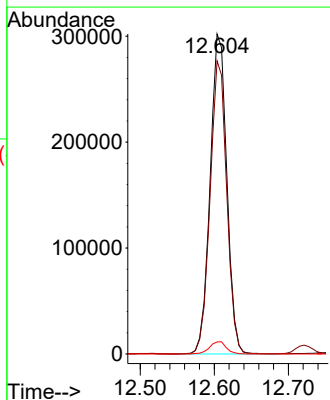
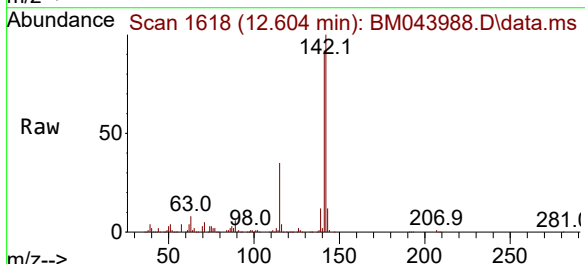
Instrument : BNA\_M  
ClientSampleId : LOQ-WATER-02-QT3-2023

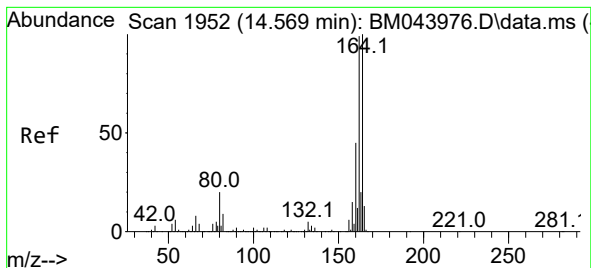
Tgt Ion:142 Resp: 480404  
Ion Ratio Lower Upper  
142 100  
141 87.8 70.2 105.2  
115 35.1 27.2 40.8



#38  
1-Methylnaphthalene  
Concen: 9.724 ng  
RT: 12.604 min Scan# 1618  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:142 Resp: 472316  
Ion Ratio Lower Upper  
142 100  
141 91.6 72.1 108.1  
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

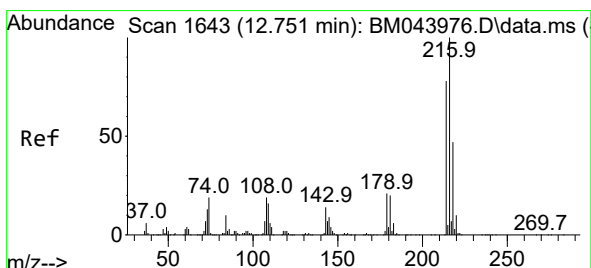
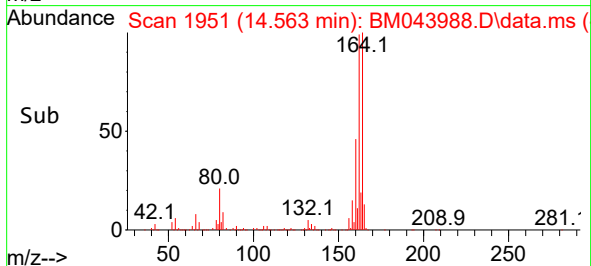
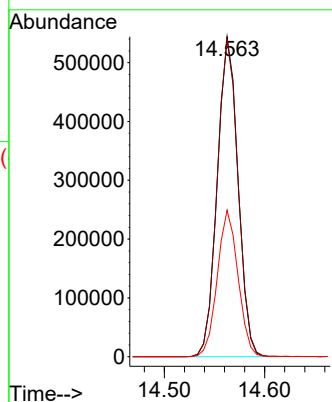
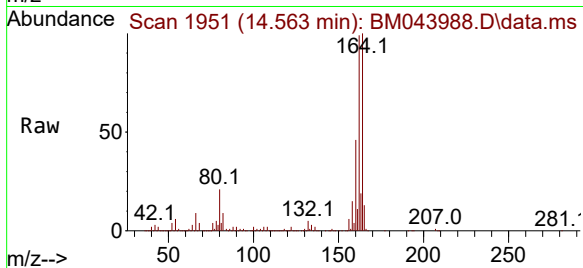
Tgt Ion:164 Resp: 780766

Ion Ratio Lower Upper

164 100

162 99.0 79.0 118.4

160 45.8 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.487 ng

RT: 12.751 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Tgt Ion:216 Resp: 232219

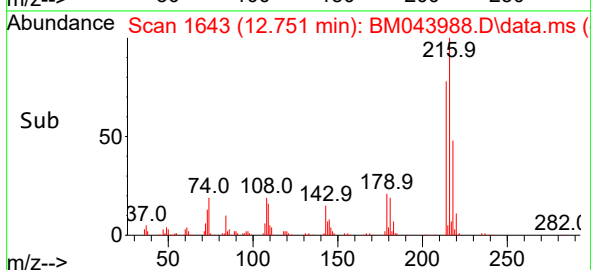
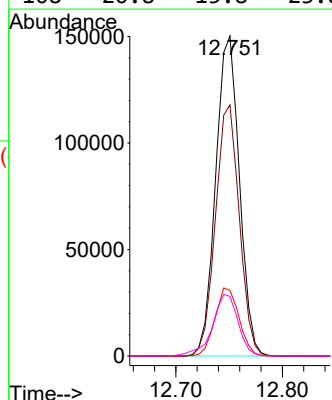
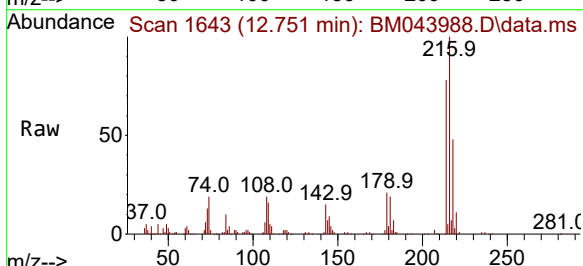
Ion Ratio Lower Upper

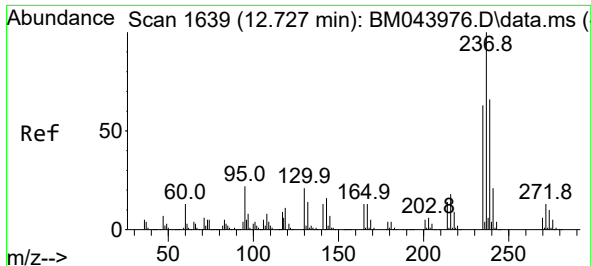
216 100

214 78.8 62.6 94.0

179 21.5 16.7 25.1

108 20.8 15.8 23.8

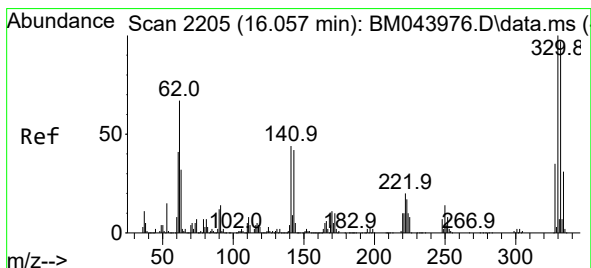
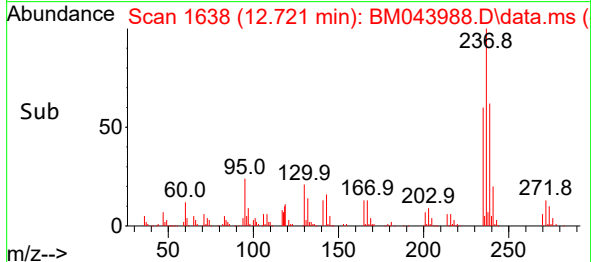
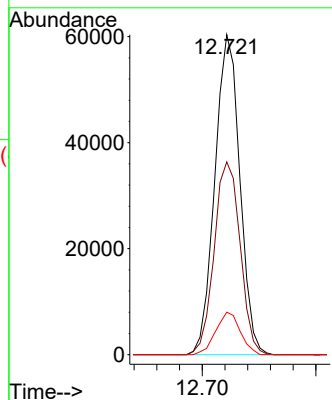
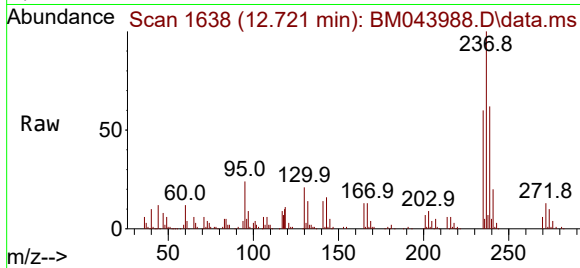




#41  
Hexachlorocyclopentadiene  
Concen: 12.669 ng  
RT: 12.721 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

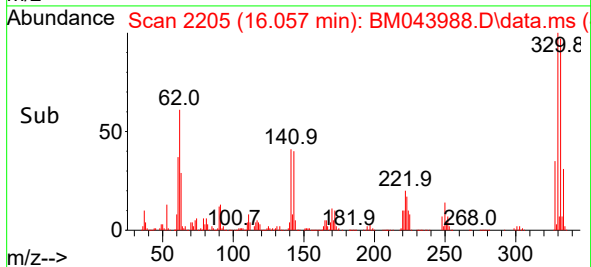
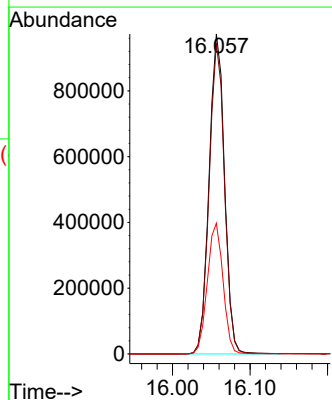
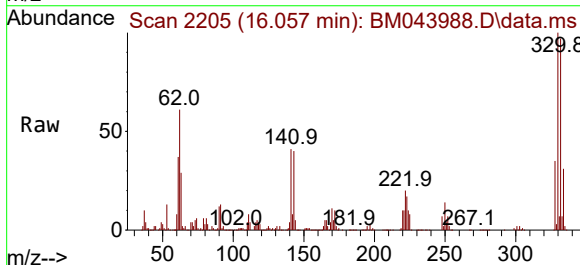
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

Tgt Ion:237 Resp: 92266  
Ion Ratio Lower Upper  
237 100  
235 60.2 43.5 83.5  
272 13.3 0.0 33.2

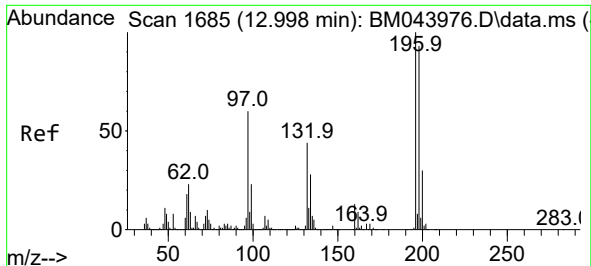


#42  
2,4,6-Tribromophenol  
Concen: 141.429 ng  
RT: 16.057 min Scan# 2205  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:330 Resp: 1346039  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.6 116.4  
141 41.6 33.5 50.3



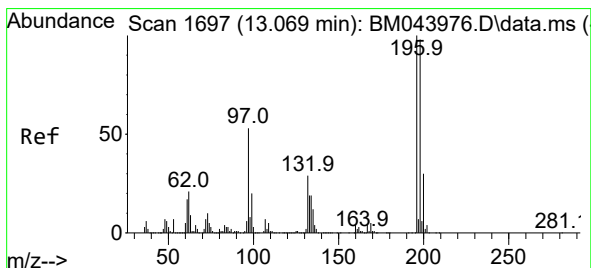
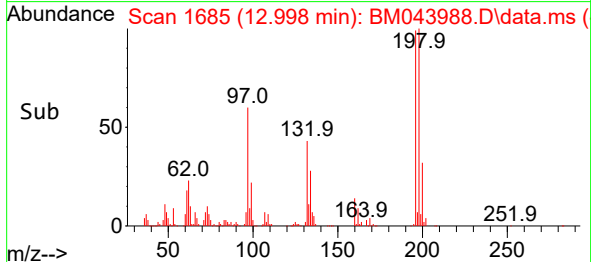
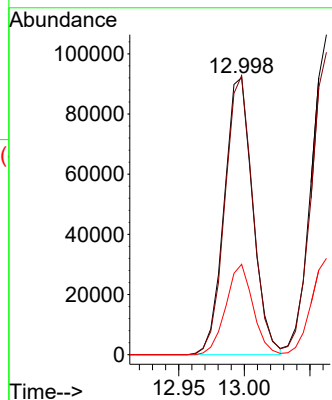
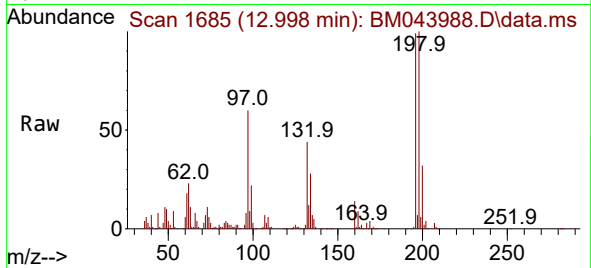




#43  
2,4,6-Trichlorophenol  
Concen: 9.289 ng  
RT: 12.998 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

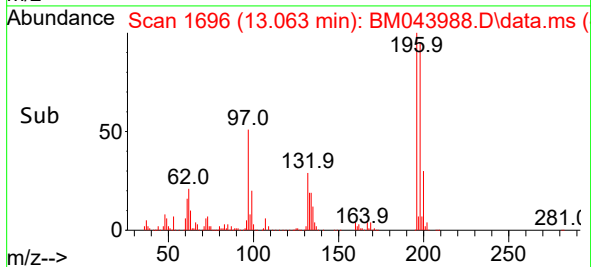
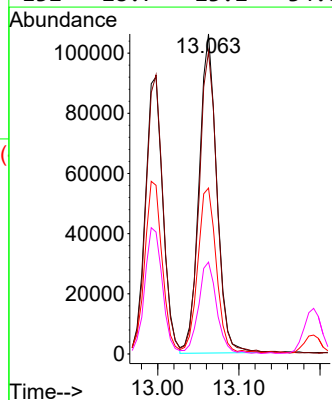
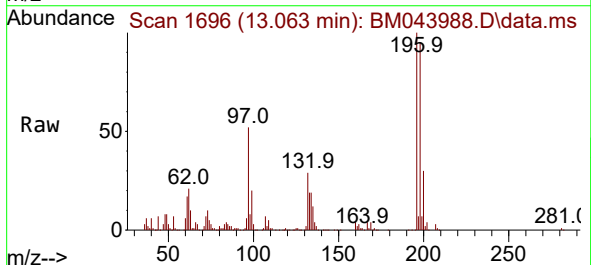
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

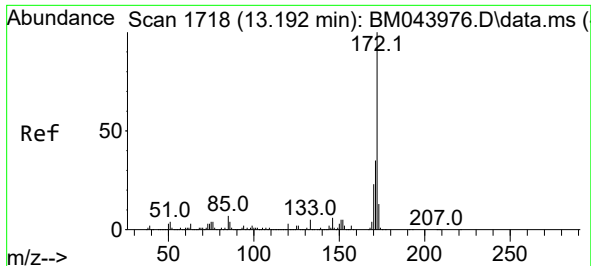
Tgt Ion:196 Resp: 139008  
Ion Ratio Lower Upper  
196 100  
198 100.7 74.2 111.2  
200 32.6 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 9.434 ng  
RT: 13.063 min Scan# 1696  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:196 Resp: 161075  
Ion Ratio Lower Upper  
196 100  
198 94.5 78.1 117.1  
97 51.8 42.2 63.2  
132 28.7 23.2 34.8

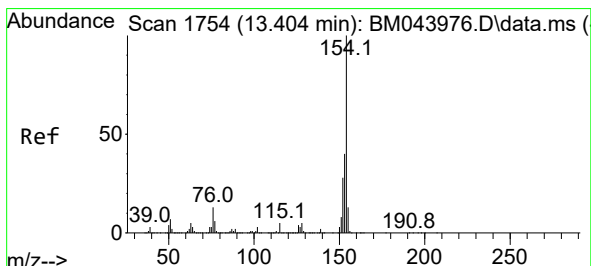
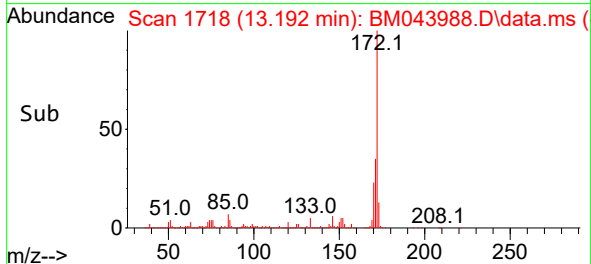
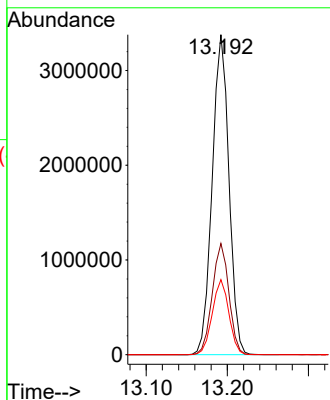
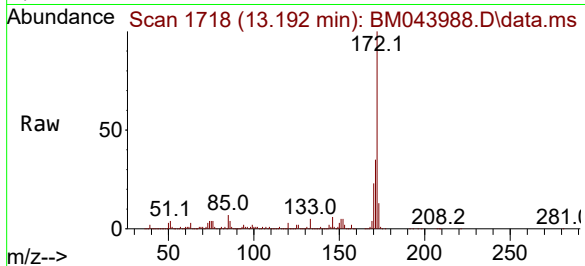




#45  
2-Fluorobiphenyl  
Concen: 85.127 ng  
RT: 13.192 min Scan# 1718  
Delta R.T. 0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

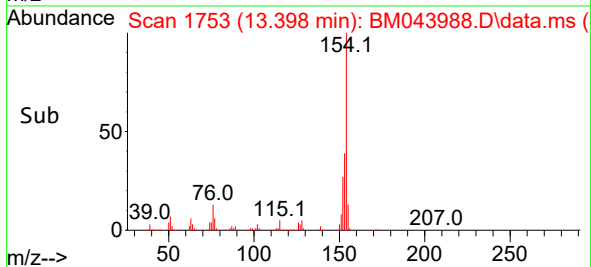
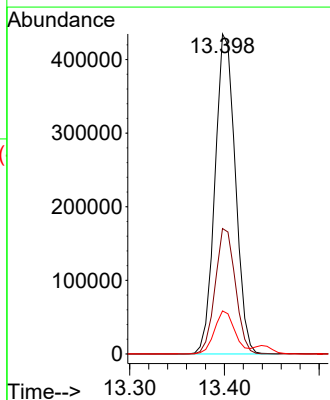
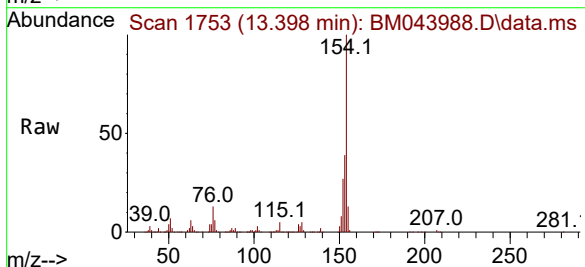
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

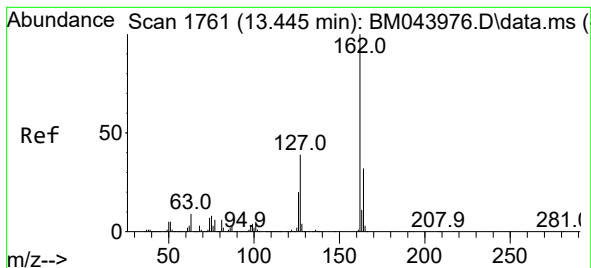
Tgt Ion:172 Resp: 4837014  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.9 41.9  
170 23.4 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 10.583 ng  
RT: 13.398 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:154 Resp: 649787  
Ion Ratio Lower Upper  
154 100  
153 39.2 19.8 59.8  
76 13.4 0.0 33.0





#47

2-Chloronaphthalene

Concen: 10.192 ng

RT: 13.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

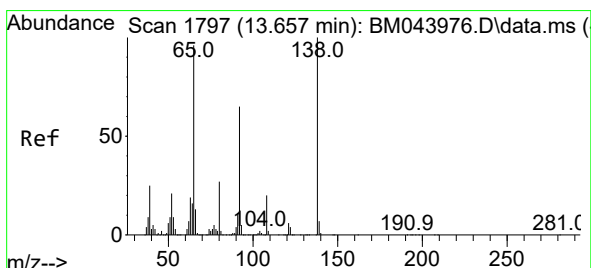
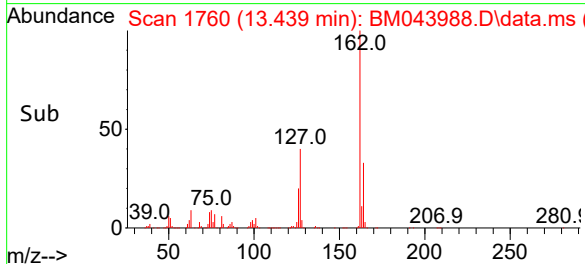
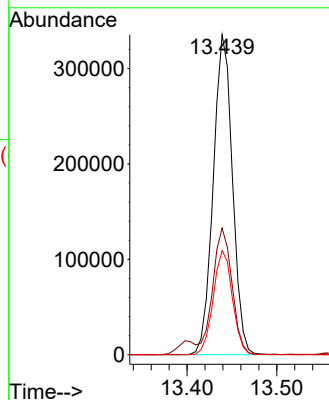
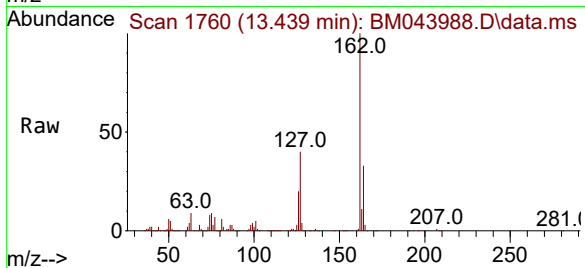
Tgt Ion:162 Resp: 499055

Ion Ratio Lower Upper

162 100

127 39.5 31.0 46.6

164 32.5 25.8 38.6



#48

2-Nitroaniline

Concen: 9.270 ng

RT: 13.651 min Scan# 1796

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

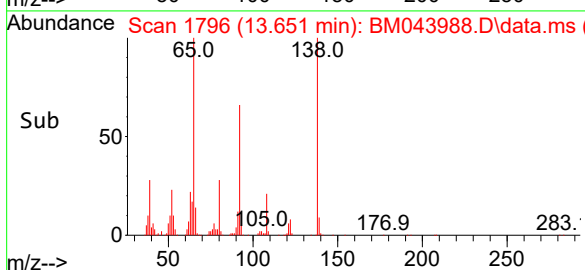
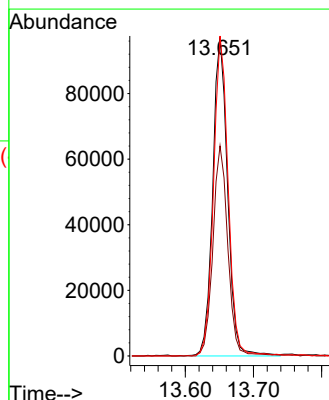
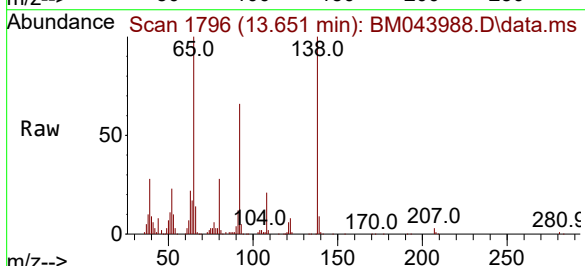
Tgt Ion: 65 Resp: 147635

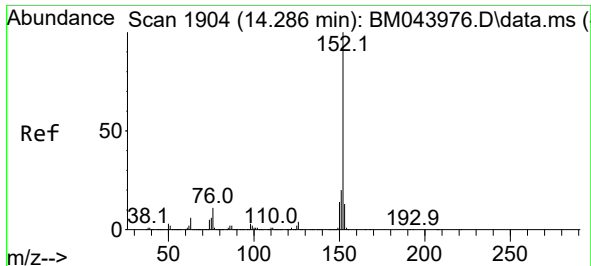
Ion Ratio Lower Upper

65 100

92 65.9 53.6 80.4

138 100.3 83.0 124.6

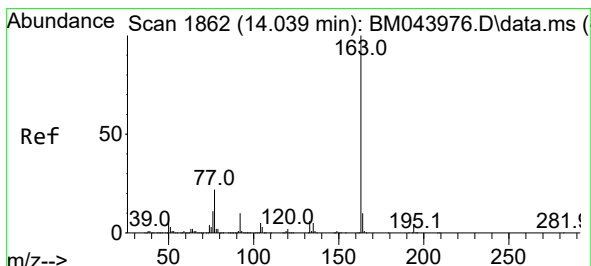
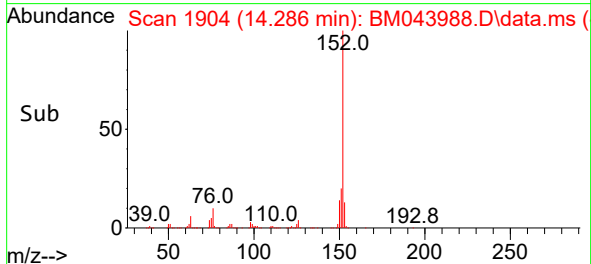
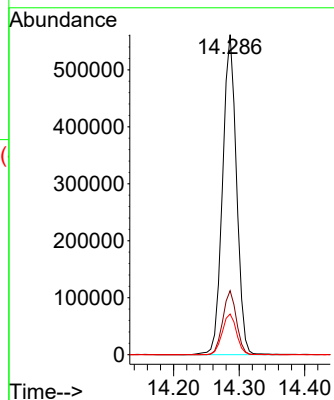
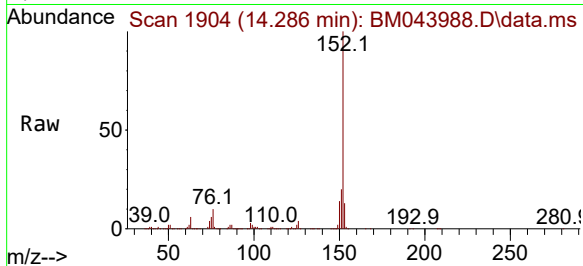




#49  
Acenaphthylene  
Concen: 11.010 ng  
RT: 14.286 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

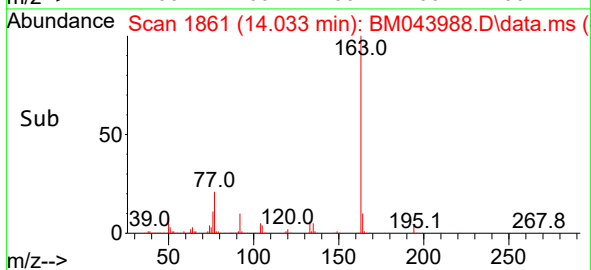
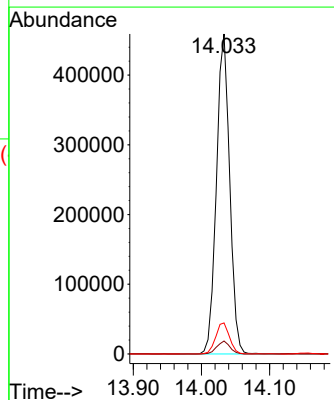
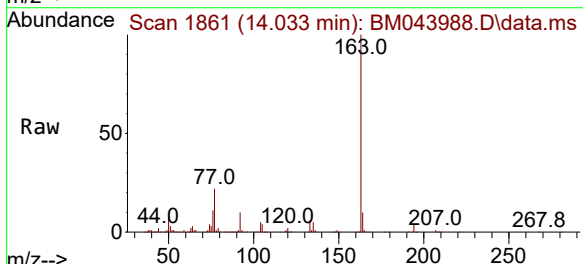
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

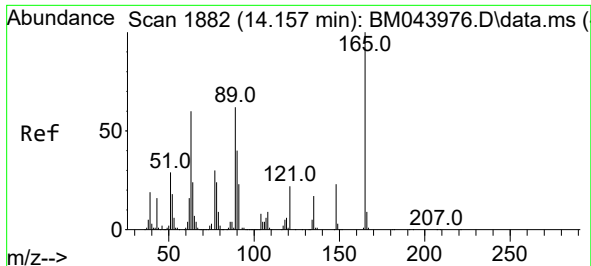
Tgt Ion:152 Resp: 824111  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 12.7 10.4 15.6



#50  
Dimethylphthalate  
Concen: 10.229 ng  
RT: 14.033 min Scan# 1861  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:163 Resp: 620350  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.1 4.7  
164 9.7 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 9.292 ng

RT: 14.151 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

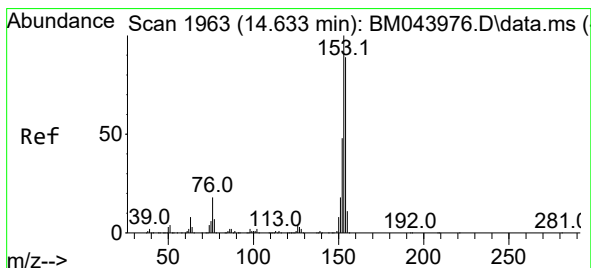
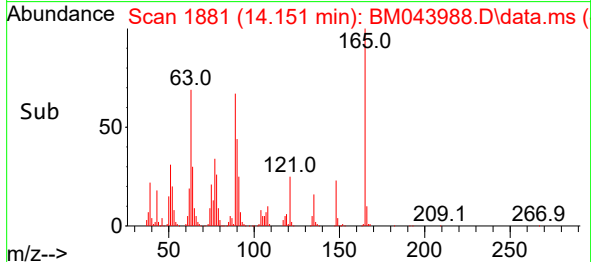
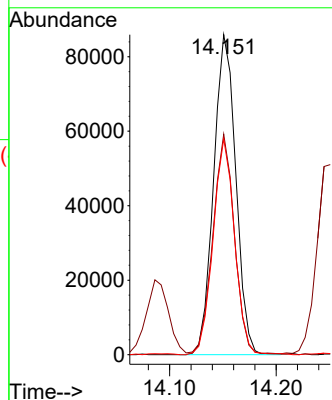
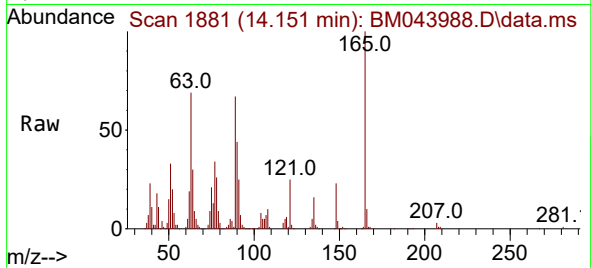
Tgt Ion:165 Resp: 123868

Ion Ratio Lower Upper

165 100

63 68.9 51.1 76.7

89 67.4 49.5 74.3



#52

Acenaphthene

Concen: 10.038 ng

RT: 14.627 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

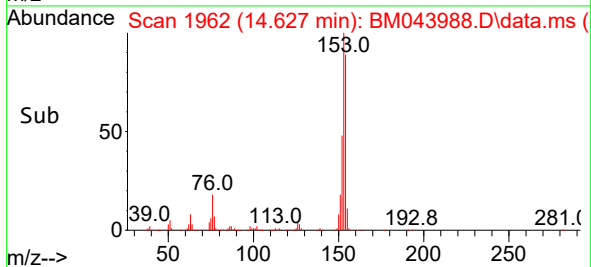
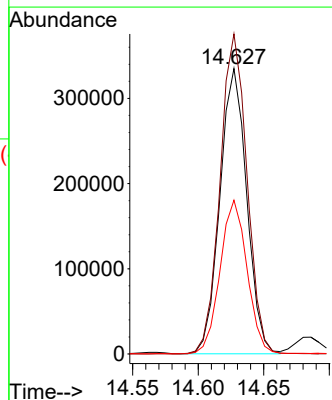
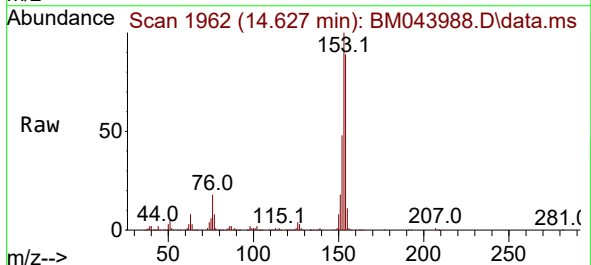
Tgt Ion:154 Resp: 476306

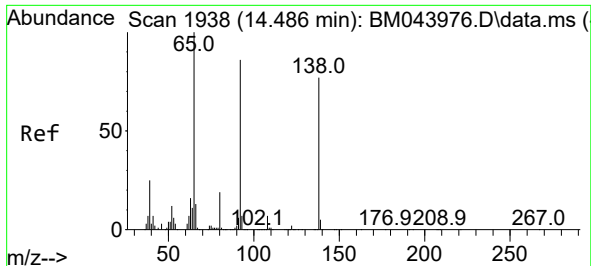
Ion Ratio Lower Upper

154 100

153 112.1 90.1 135.1

152 53.9 43.6 65.4

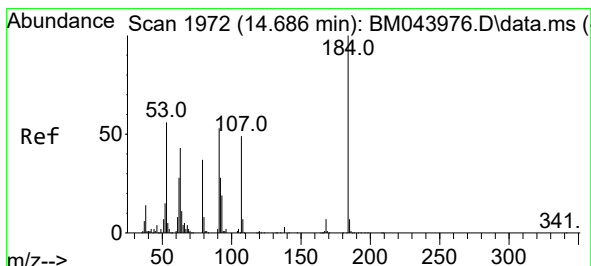
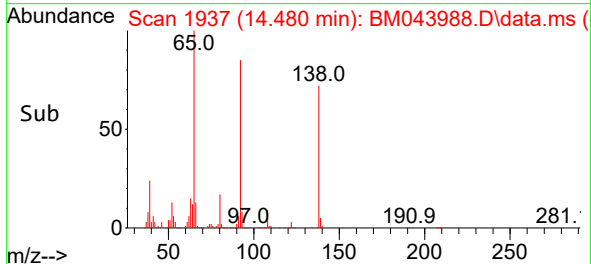
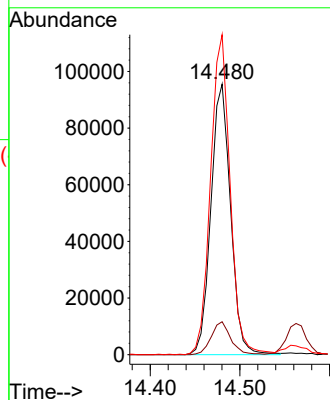
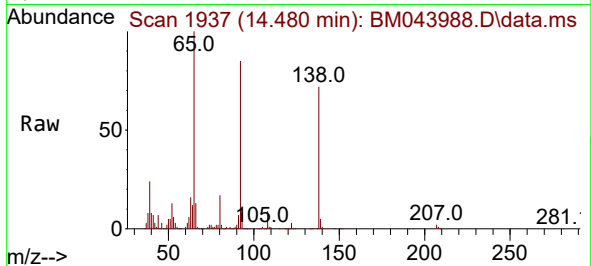




#53  
3-Nitroaniline  
Concen: 9.399 ng  
RT: 14.480 min Scan# 1938  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

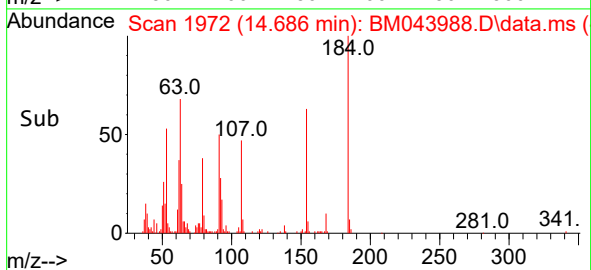
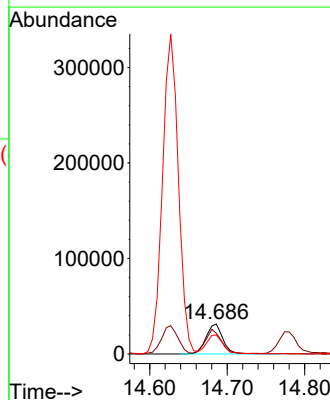
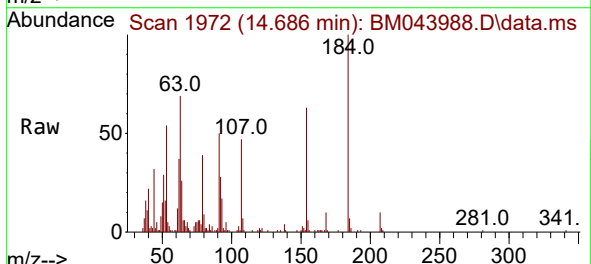
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

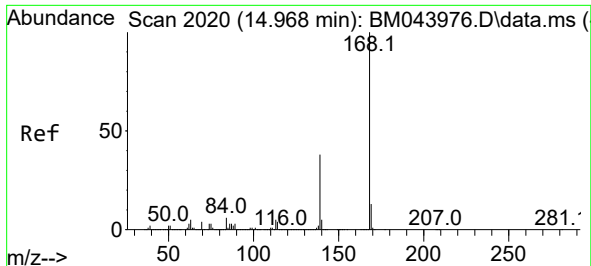
Tgt Ion:138 Resp: 145451  
Ion Ratio Lower Upper  
138 100  
108 12.2 7.8 11.6#  
92 118.3 89.7 134.5



#54  
2,4-Dinitrophenol  
Concen: 12.589 ng  
RT: 14.686 min Scan# 1972  
Delta R.T. 0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:184 Resp: 47083  
Ion Ratio Lower Upper  
184 100  
63 69.2 62.8 94.2  
154 63.3 51.4 77.2

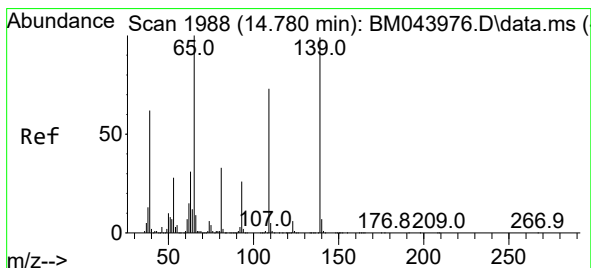
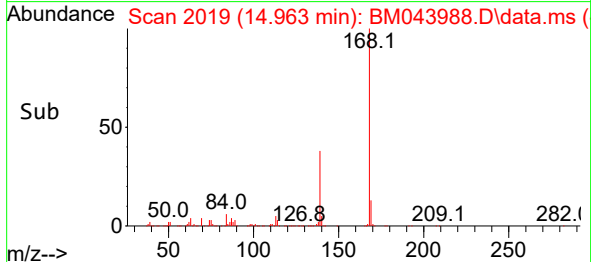
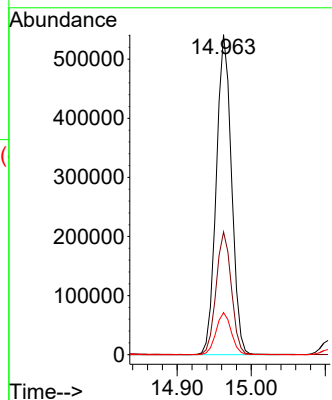
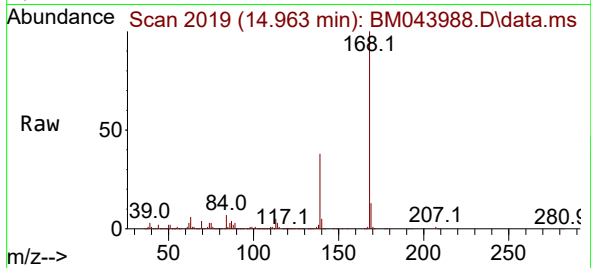




#55  
Dibenzenofuran  
Concen: 10.476 ng  
RT: 14.963 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

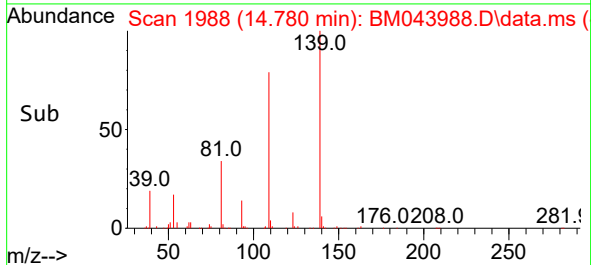
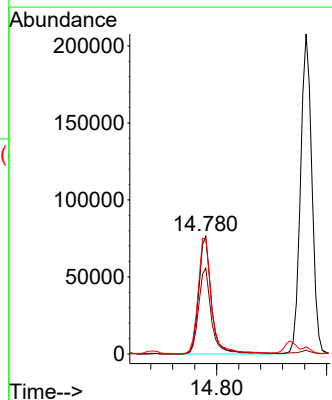
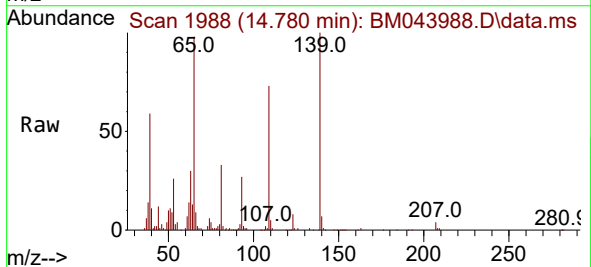
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

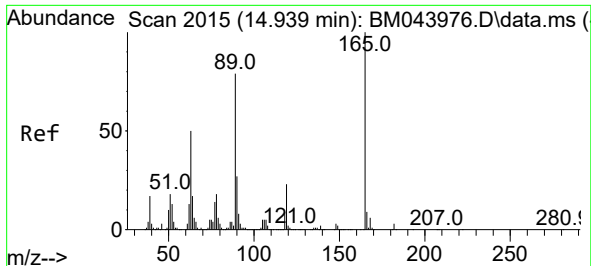
Tgt Ion:168 Resp: 773563  
Ion Ratio Lower Upper  
168 100  
139 38.4 30.7 46.1  
169 13.2 10.5 15.7



#56  
4-Nitrophenol  
Concen: 9.112 ng  
RT: 14.780 min Scan# 1988  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:139 Resp: 123230  
Ion Ratio Lower Upper  
139 100  
109 73.1 53.2 93.2  
65 98.3 80.7 120.7

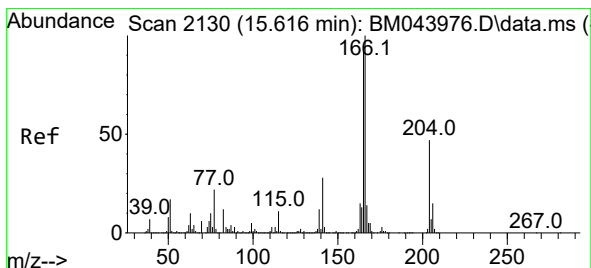
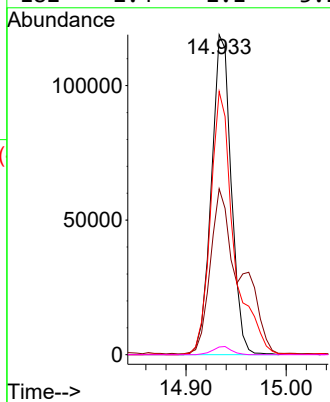
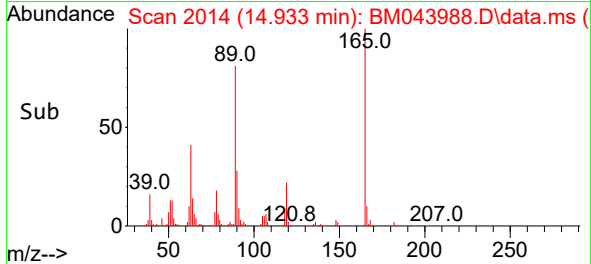
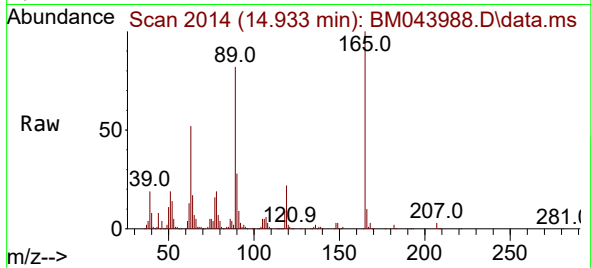




#57  
2,4-Dinitrotoluene  
Concen: 8.791 ng  
RT: 14.933 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

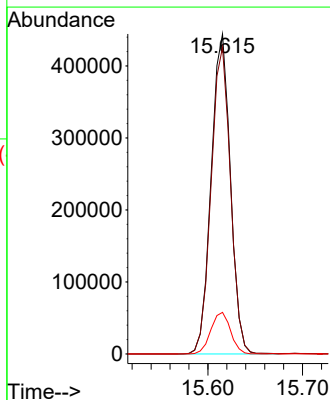
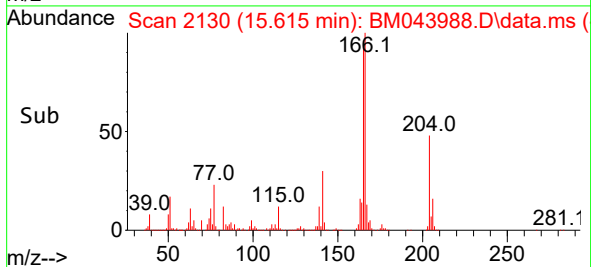
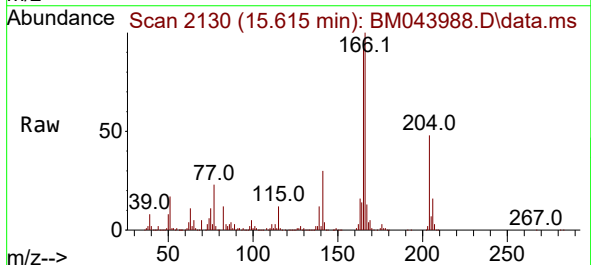
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

Tgt Ion:165 Resp: 163132  
Ion Ratio Lower Upper  
165 100  
63 51.9 40.2 60.4  
89 82.3 63.3 94.9  
182 2.4 2.1 3.1

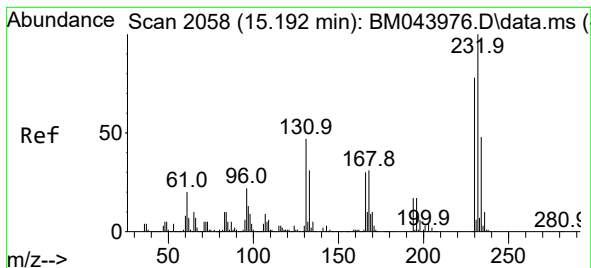


#58  
Fluorene  
Concen: 10.074 ng  
RT: 15.615 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:166 Resp: 628178  
Ion Ratio Lower Upper  
166 100  
165 95.9 76.3 114.5  
167 13.0 10.9 16.3







#59

2,3,4,6-Tetrachlorophenol

Concen: 9.965 ng

RT: 15.186 min Scan# 2058

Delta R.T. -0.006 min

Lab File: BM043988.D

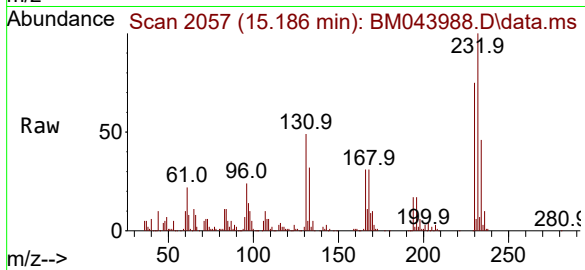
Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion:232 Resp: 146677

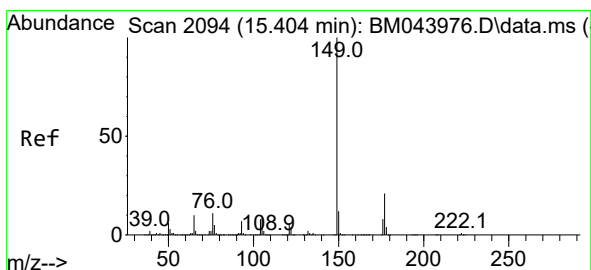
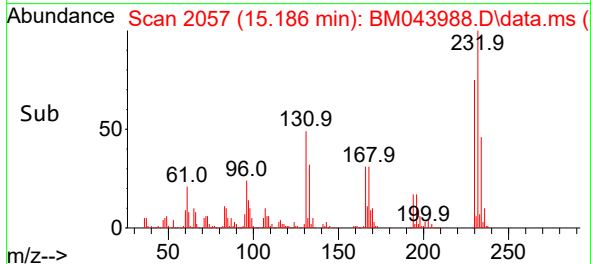
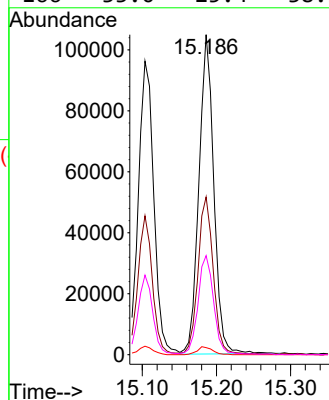
Ion Ratio Lower Upper

232 100

131 49.9 39.8 59.6

130 2.5 2.0 3.0

166 33.0 25.4 38.2



#60

Diethylphthalate

Concen: 9.814 ng

RT: 15.398 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

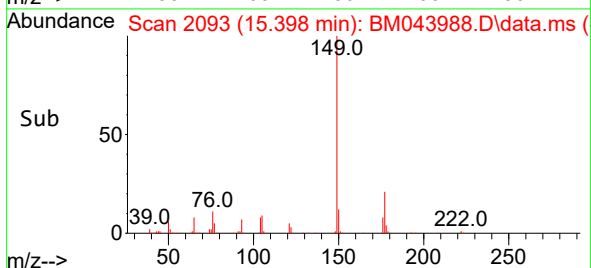
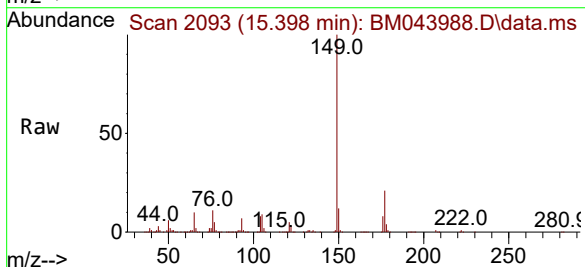
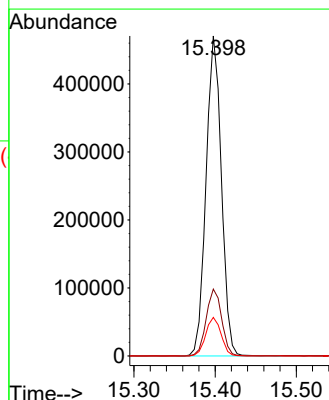
Tgt Ion:149 Resp: 616161

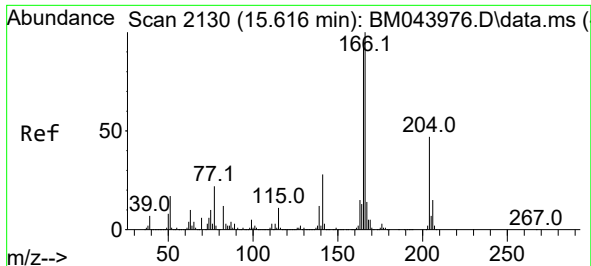
Ion Ratio Lower Upper

149 100

177 20.9 17.1 25.7

150 12.1 9.8 14.6

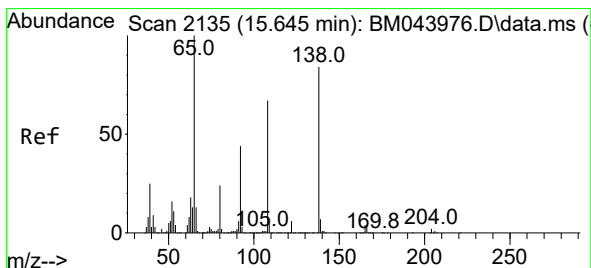
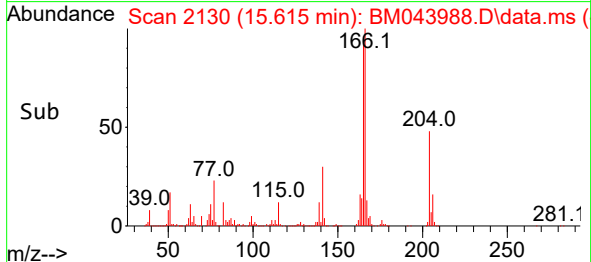
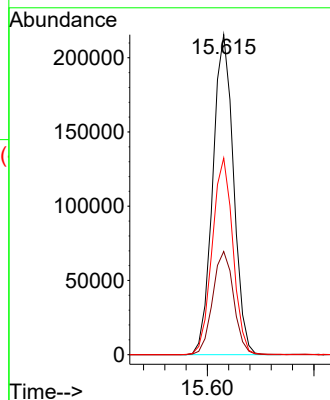
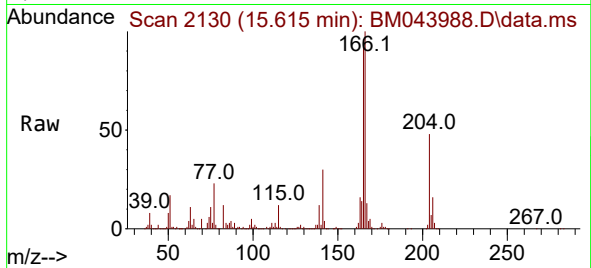




#61  
4-Chlorophenyl-phenylether  
Concen: 10.026 ng  
RT: 15.615 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

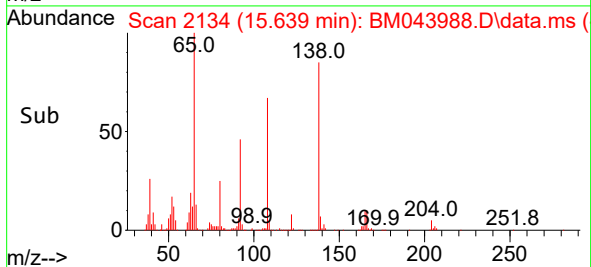
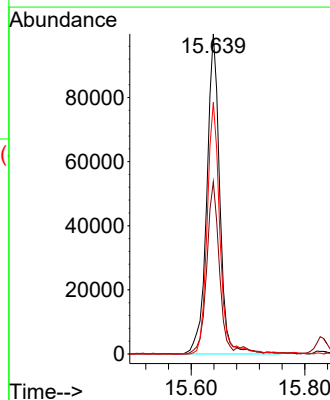
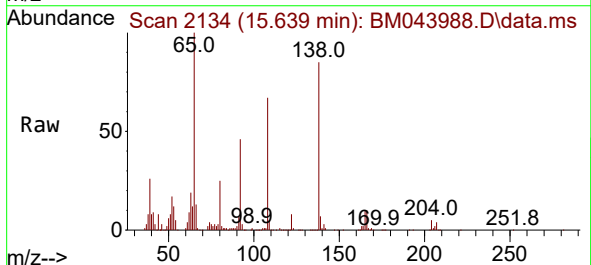
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

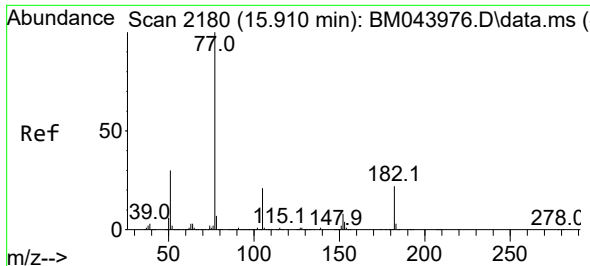
Tgt Ion:204 Resp: 291690  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.2 39.2  
141 61.5 48.6 72.8



#62  
4-Nitroaniline  
Concen: 9.309 ng  
RT: 15.639 min Scan# 2134  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:138 Resp: 157514  
Ion Ratio Lower Upper  
138 100  
92 53.8 32.7 72.7  
108 78.6 60.0 100.0

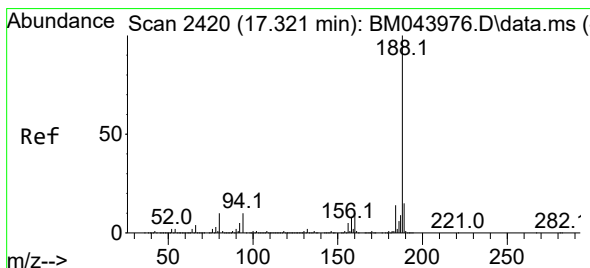
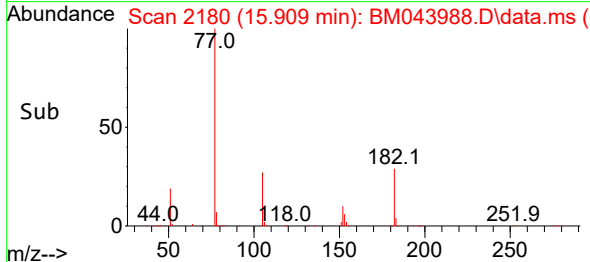
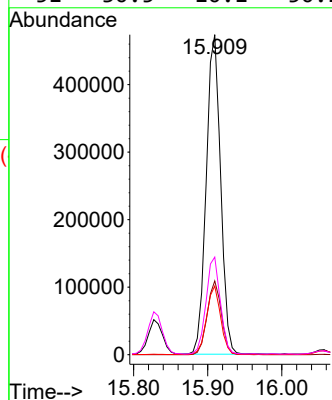
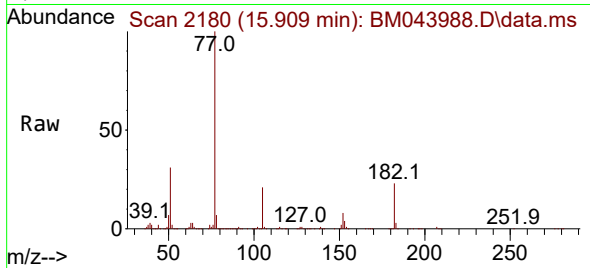




#63  
Azobenzene  
Concen: 10.201 ng  
RT: 15.909 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

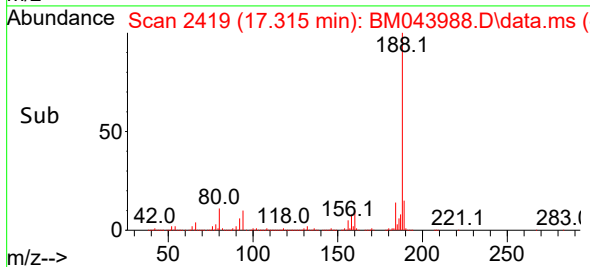
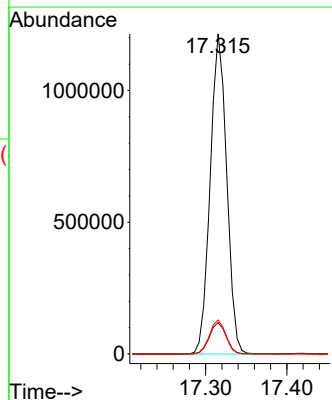
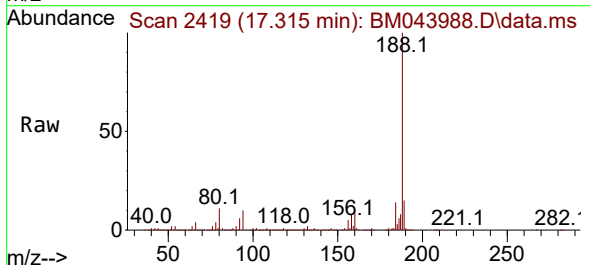
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

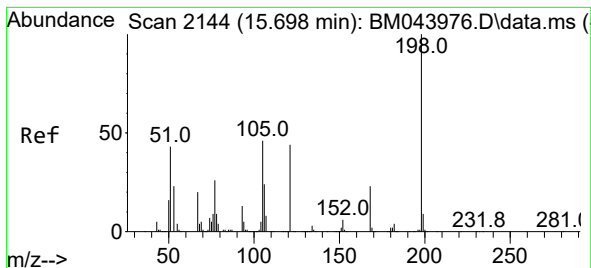
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 639690 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 23.0    | 2.0 42.0     |
| 105 21.4    | 0.5 40.5     |
| 51 30.5     | 10.1 50.1    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.315 min Scan# 2419  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

|              |               |
|--------------|---------------|
| Tgt Ion: 188 | Resp: 1712258 |
| Ion Ratio    | Lower Upper   |
| 188 100      |               |
| 94 9.8       | 7.7 11.5      |
| 80 10.6      | 8.2 12.4      |

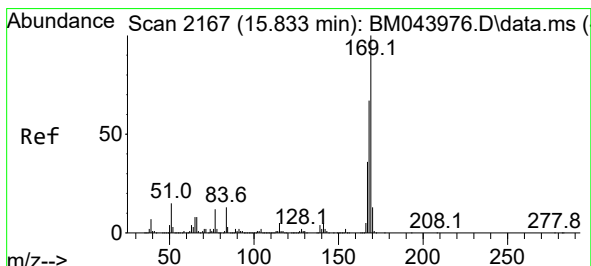
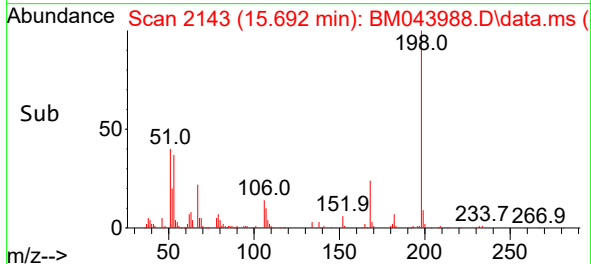
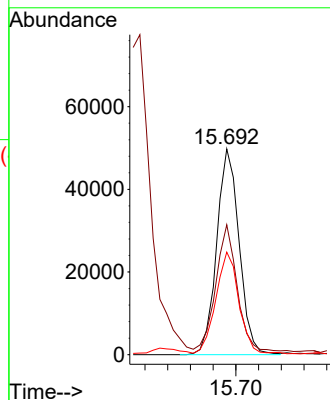
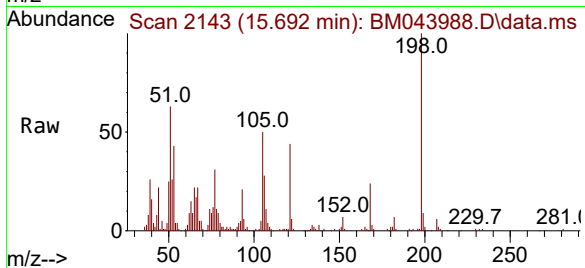




#65  
4,6-Dinitro-2-methylphenol  
Concen: 11.828 ng  
RT: 15.692 min Scan# 2144  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

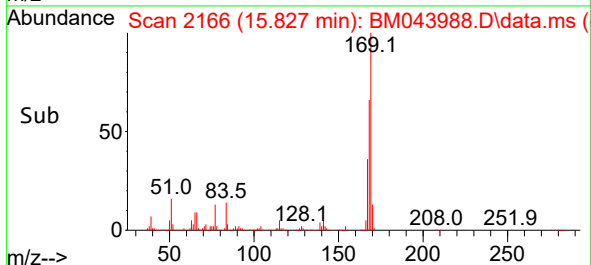
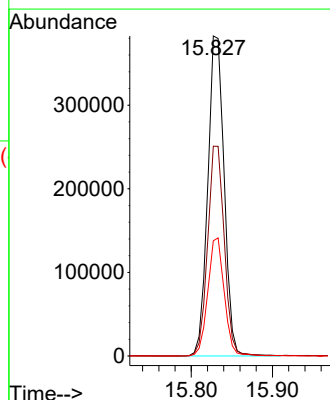
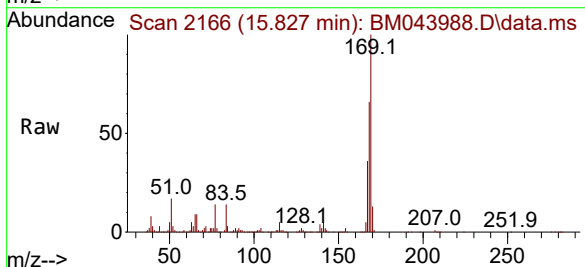
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

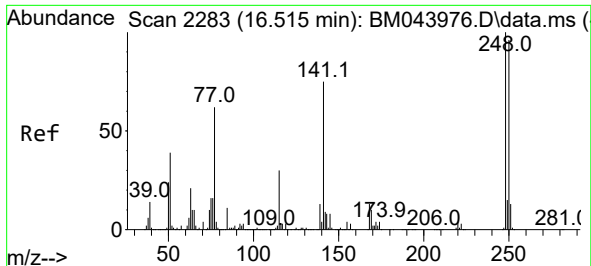
Tgt Ion:198 Resp: 68399  
Ion Ratio Lower Upper  
198 100  
51 63.2 31.9 71.9  
105 49.8 28.1 68.1



#66  
n-Nitrosodiphenylamine  
Concen: 10.495 ng  
RT: 15.827 min Scan# 2166  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:169 Resp: 535292  
Ion Ratio Lower Upper  
169 100  
168 65.5 53.4 80.2  
167 36.0 29.0 43.4

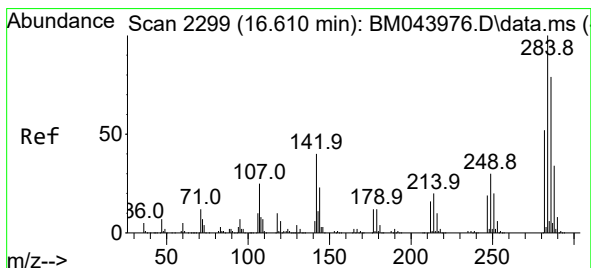
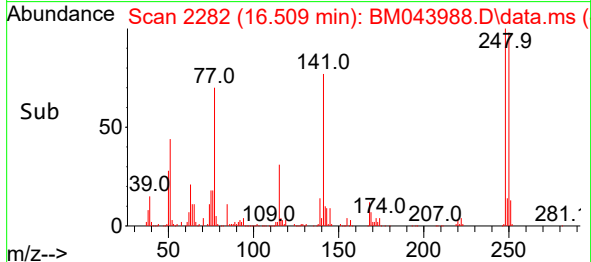
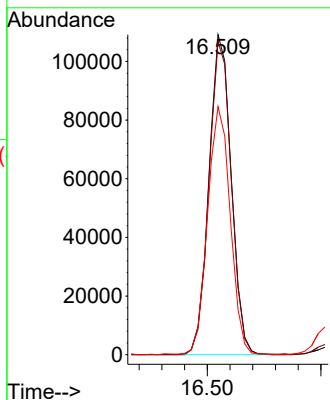
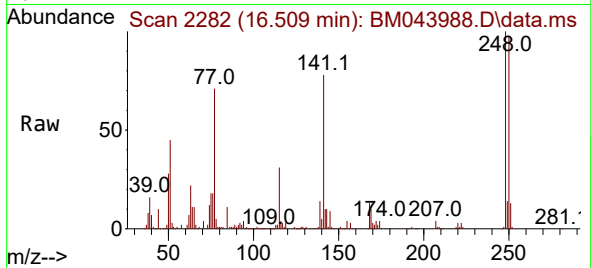




#67  
4-Bromophenyl-phenylether  
Concen: 8.798 ng  
RT: 16.509 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

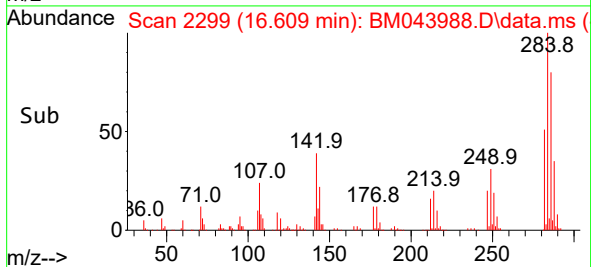
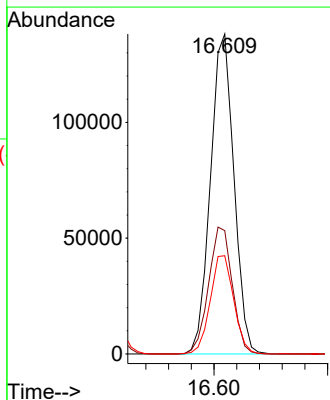
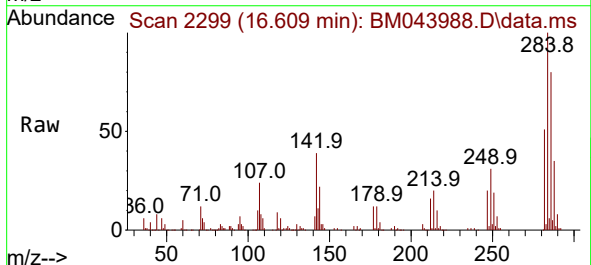
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

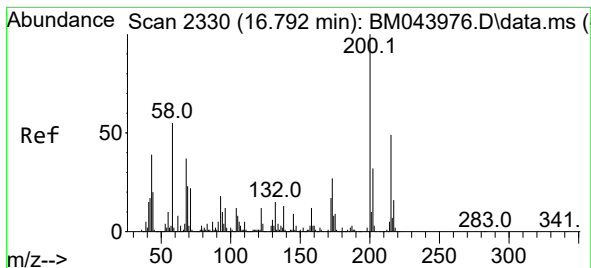
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 248   | Resp: | 148409 |
| Ion      | Ratio | Lower | Upper  |
| 248      | 100   |       |        |
| 250      | 97.8  | 77.0  | 115.4  |
| 141      | 77.5  | 59.9  | 89.9   |



#68  
Hexachlorobenzene  
Concen: 9.855 ng  
RT: 16.609 min Scan# 2299  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 284   | Resp: | 198199 |
| Ion      | Ratio | Lower | Upper  |
| 284      | 100   |       |        |
| 142      | 38.6  | 32.2  | 48.4   |
| 249      | 30.7  | 24.4  | 36.6   |





#69

Atrazine

Concen: 12.176 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

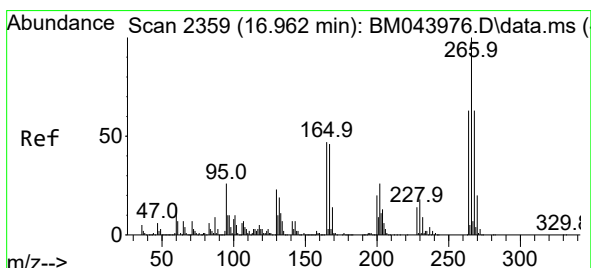
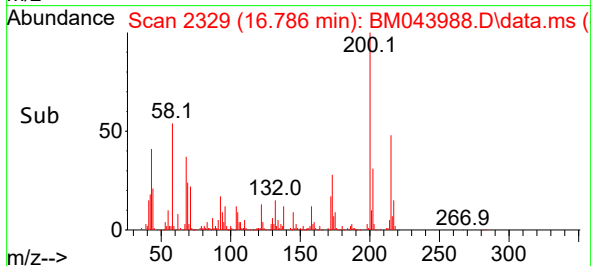
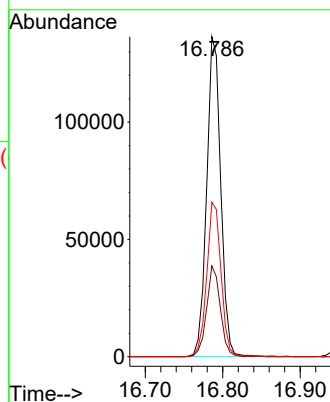
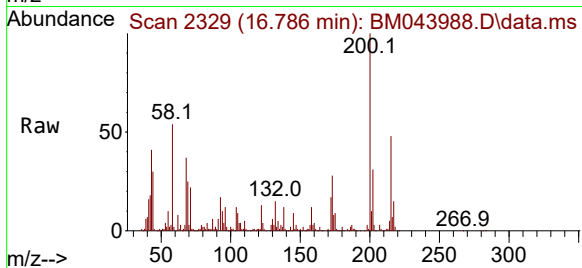
Tgt Ion:200 Resp: 171813

Ion Ratio Lower Upper

200 100

173 28.4 7.3 47.3

215 48.3 28.7 68.7



#70

Pentachlorophenol

Concen: 7.953 ng

RT: 16.956 min Scan# 2358

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

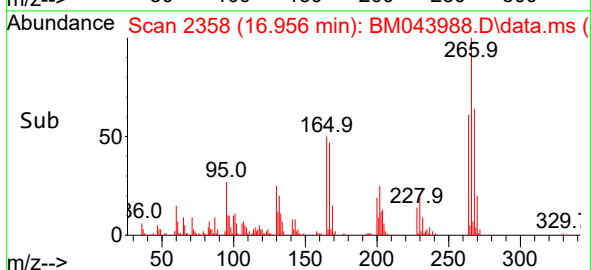
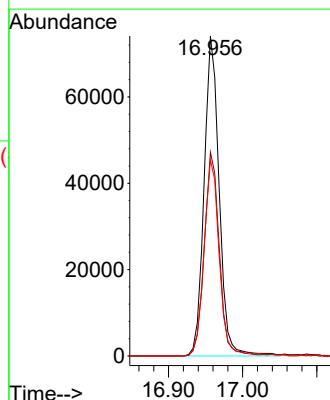
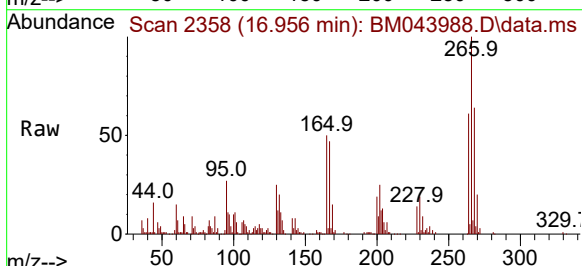
Tgt Ion:266 Resp: 105029

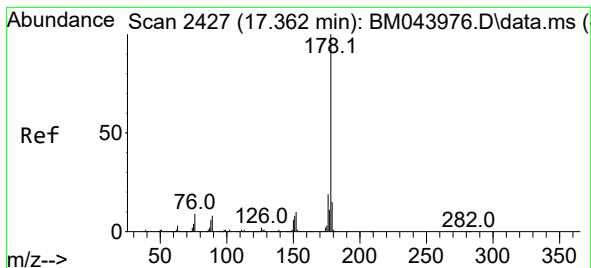
Ion Ratio Lower Upper

266 100

268 63.7 50.6 76.0

264 61.3 50.6 76.0





#71

Phenanthrene

Concen: 10.549 ng

RT: 17.356 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

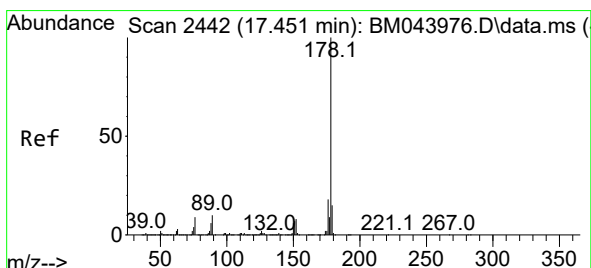
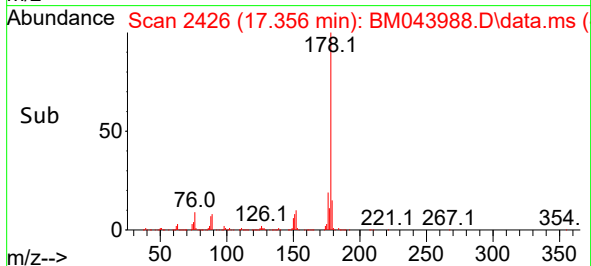
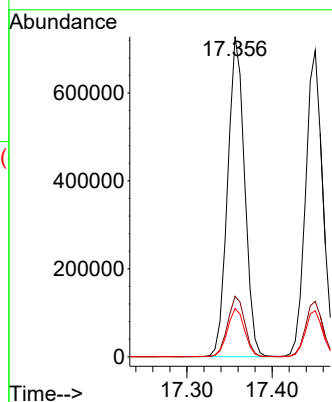
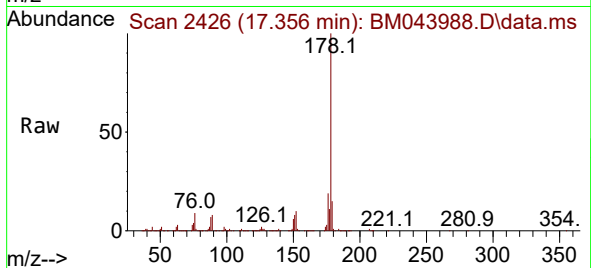
Tgt Ion:178 Resp: 1006071

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.1 12.4 18.6



#72

Anthracene

Concen: 10.447 ng

RT: 17.451 min Scan# 2442

Delta R.T. -0.000 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

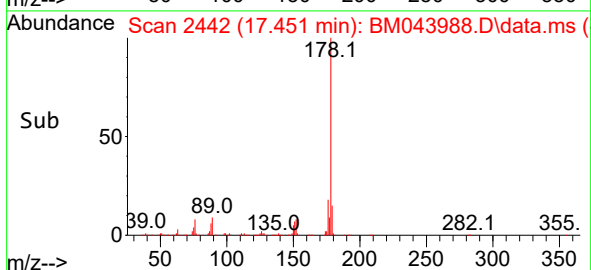
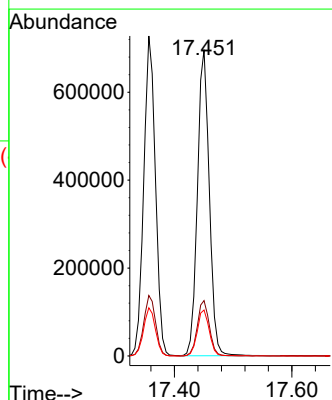
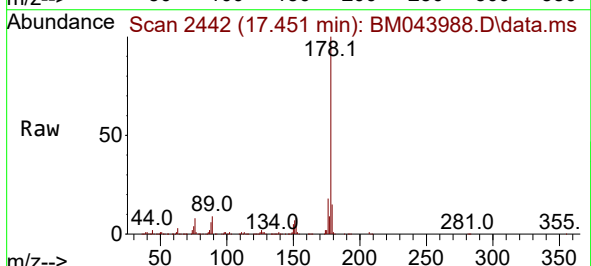
Tgt Ion:178 Resp: 975467

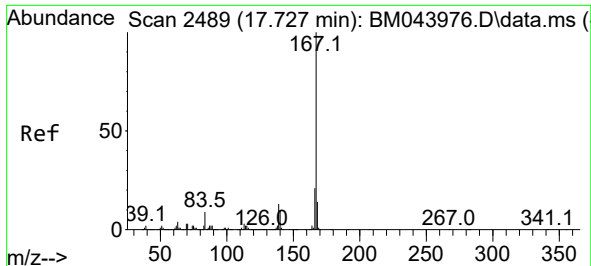
Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

179 15.0 12.2 18.4

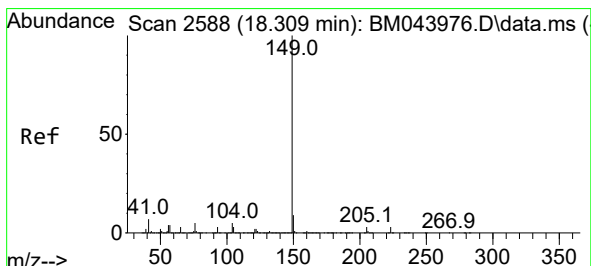
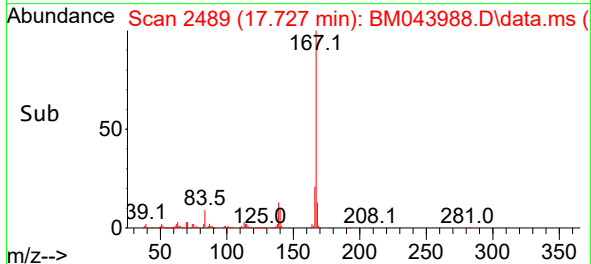
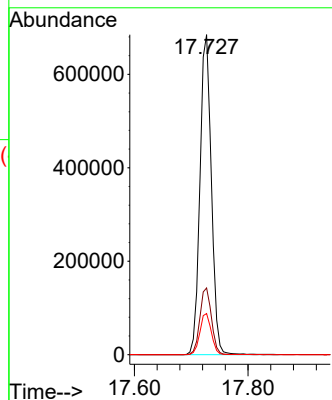
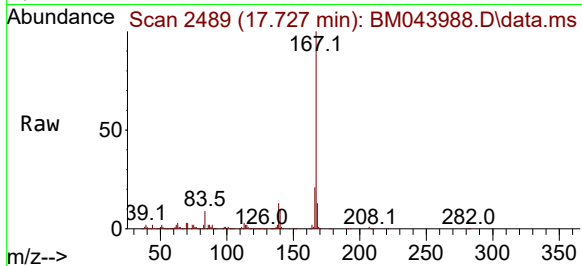




#73  
 Carbazole  
 Concen: 9.898 ng  
 RT: 17.727 min Scan# 2489  
 Delta R.T. -0.000 min  
 Lab File: BM043988.D  
 Acq: 06 Feb 2024 12:50

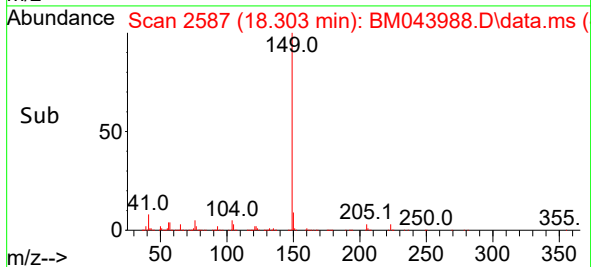
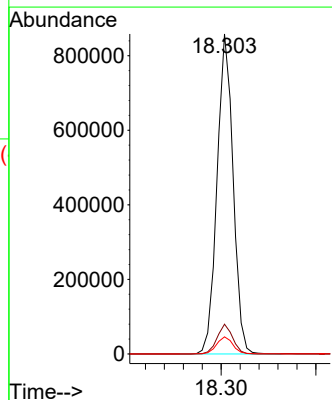
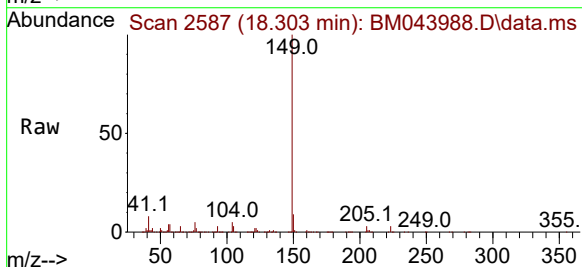
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2023

Tgt Ion:167 Resp: 957114  
 Ion Ratio Lower Upper  
 167 100  
 166 20.8 17.1 25.7  
 139 12.9 10.6 15.8

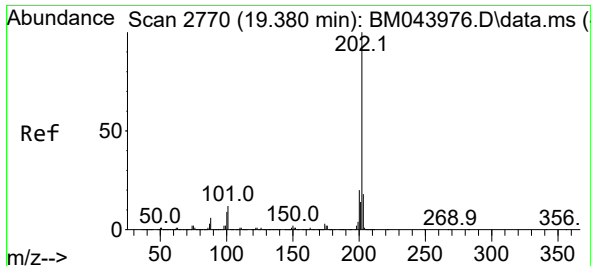


#74  
 Di-n-butylphthalate  
 Concen: 9.520 ng  
 RT: 18.303 min Scan# 2587  
 Delta R.T. -0.006 min  
 Lab File: BM043988.D  
 Acq: 06 Feb 2024 12:50

Tgt Ion:149 Resp: 1009573  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 5.4 4.1 6.1



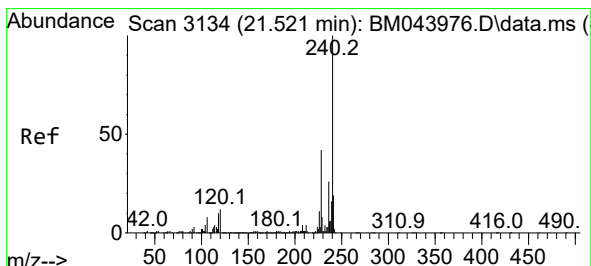
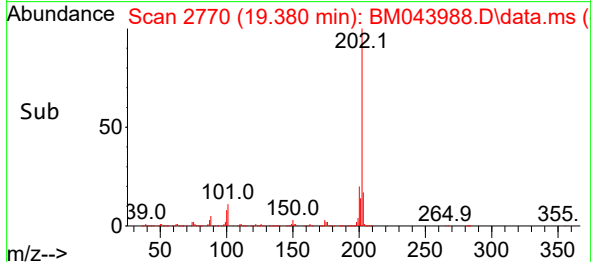
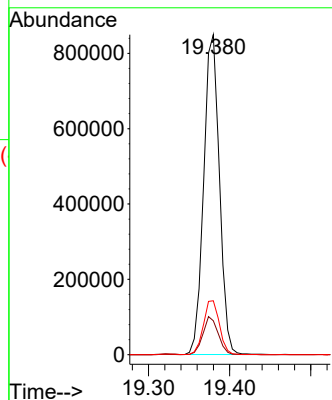
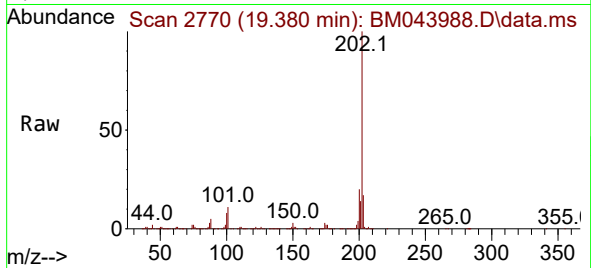




#75  
Fluoranthene  
Concen: 9.672 ng  
RT: 19.380 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

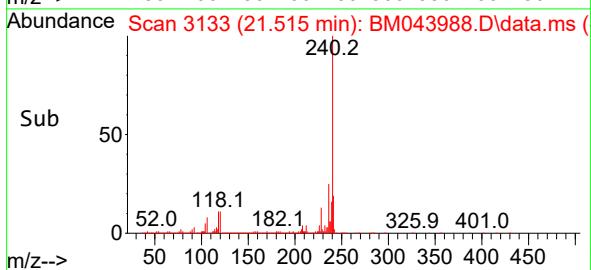
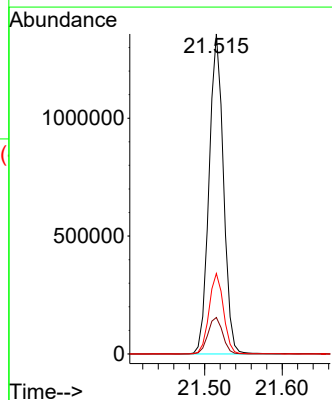
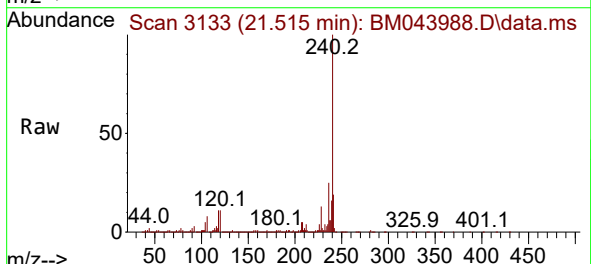
Instrument :  
BNA\_M  
ClientSampleId :  
LOQ-WATER-02-QT3-2023

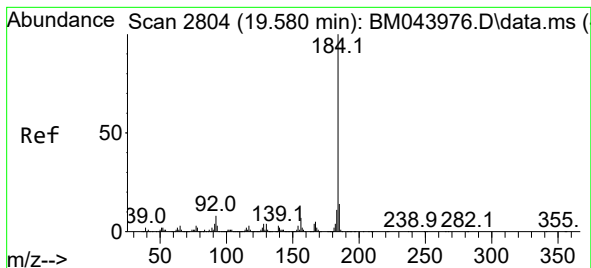
Tgt Ion:202 Resp: 1140760  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 31.9  
203 16.8 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.515 min Scan# 3133  
Delta R.T. -0.006 min  
Lab File: BM043988.D  
Acq: 06 Feb 2024 12:50

Tgt Ion:240 Resp: 1748380  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.3 13.9  
236 25.1 20.5 30.7





#77

Benzidine

Concen: 23.275 ng

RT: 19.574 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

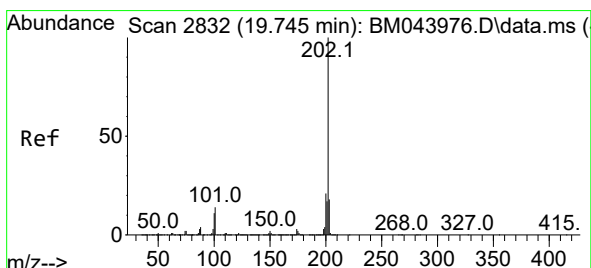
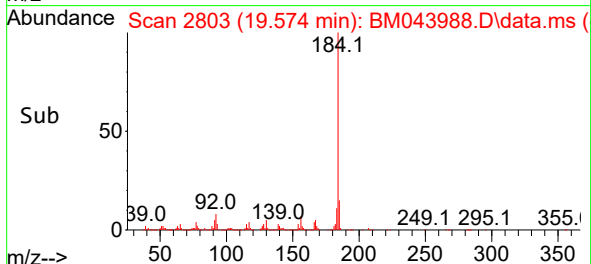
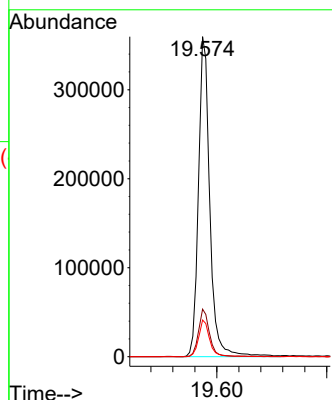
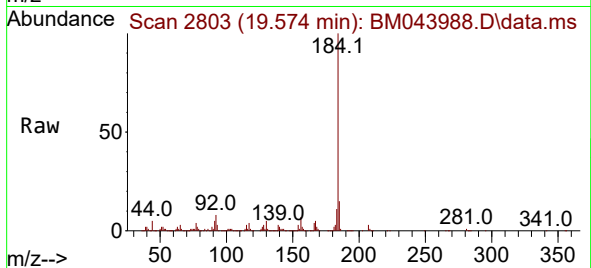
Tgt Ion:184 Resp: 516315

Ion Ratio Lower Upper

184 100

185 14.9 11.5 17.3

183 11.4 8.9 13.3



#78

Pyrene

Concen: 10.255 ng

RT: 19.739 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

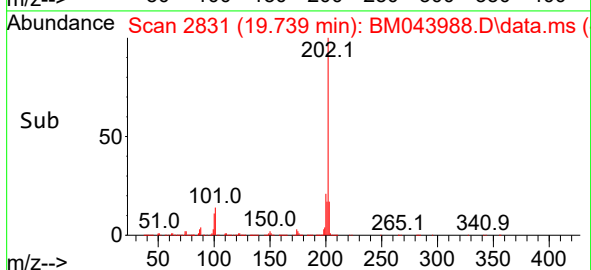
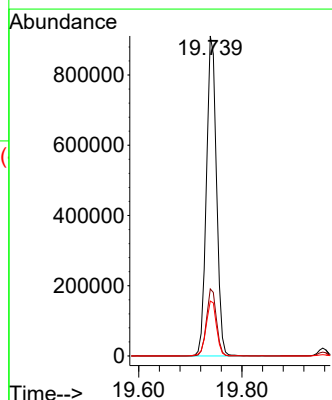
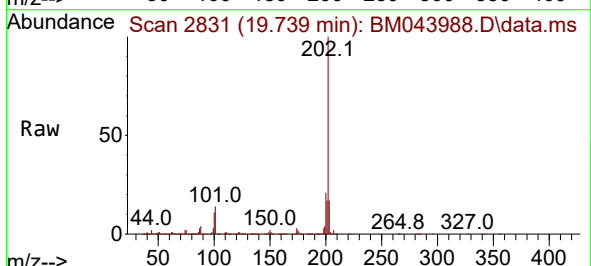
Tgt Ion:202 Resp: 1232529

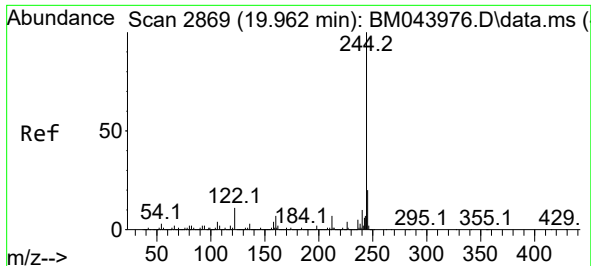
Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

203 17.2 14.2 21.4

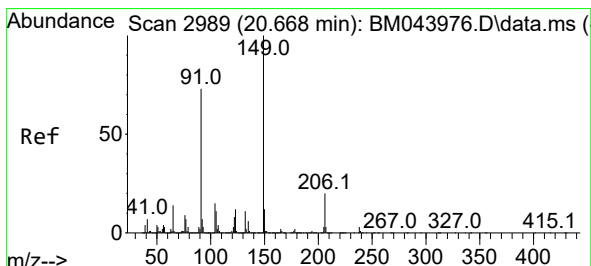
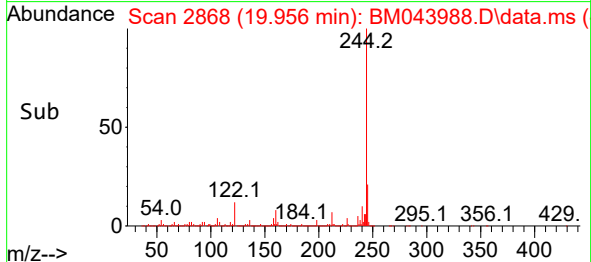
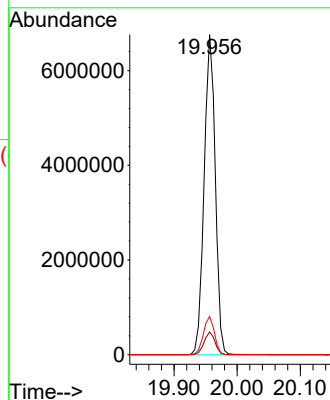
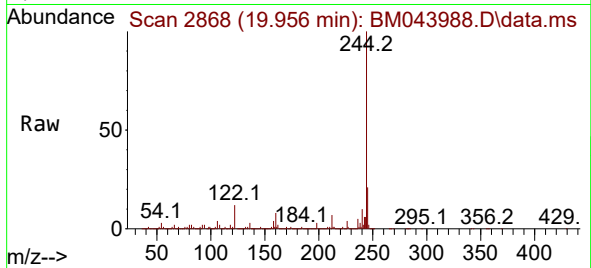




#79  
 Terphenyl-d14  
 Concen: 91.382 ng  
 RT: 19.956 min Scan# 2868  
 Delta R.T. -0.006 min  
 Lab File: BM043988.D  
 Acq: 06 Feb 2024 12:50

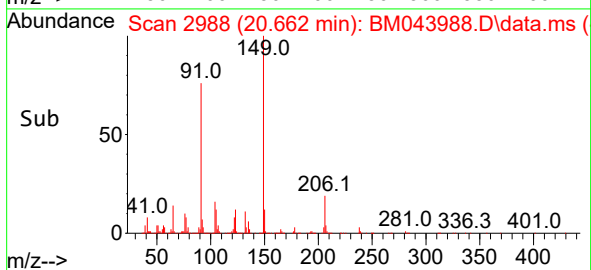
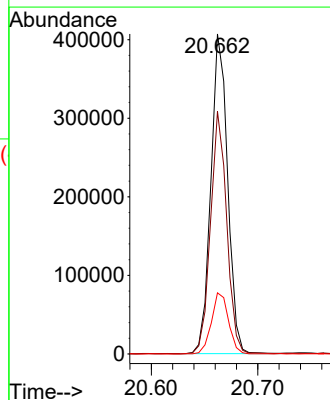
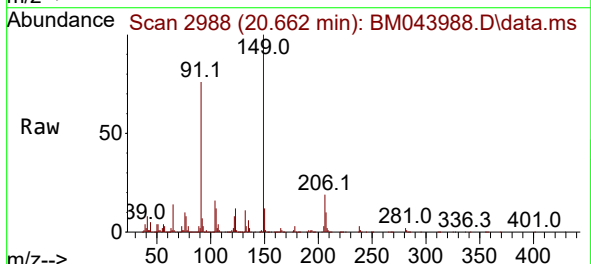
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2023

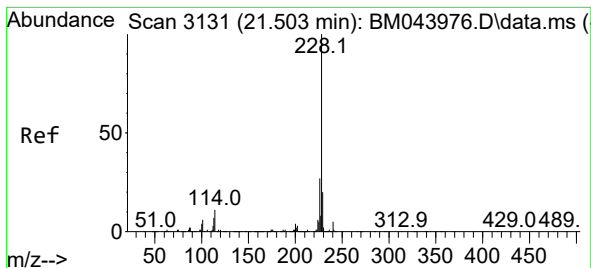
Tgt Ion:244 Resp: 8276485  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.5 8.3  
 122 11.9 8.7 13.1



#80  
 Butylbenzylphthalate  
 Concen: 9.353 ng  
 RT: 20.662 min Scan# 2988  
 Delta R.T. -0.006 min  
 Lab File: BM043988.D  
 Acq: 06 Feb 2024 12:50

Tgt Ion:149 Resp: 445085  
 Ion Ratio Lower Upper  
 149 100  
 91 75.8 58.4 87.6  
 206 19.1 15.8 23.6





#81

Benzo(a)anthracene

Concen: 10.459 ng

RT: 21.497 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

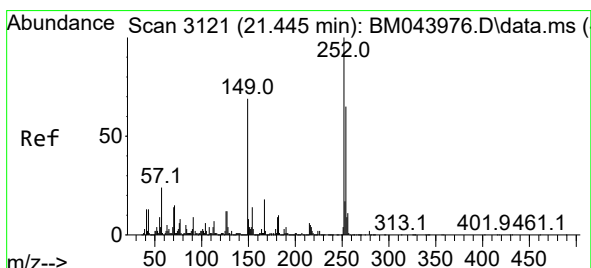
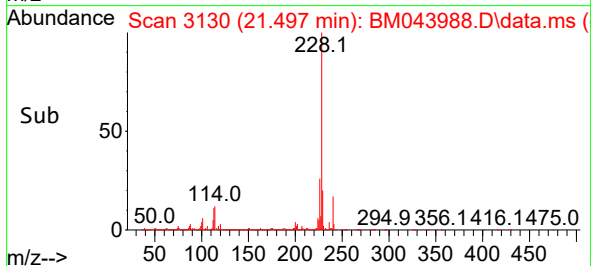
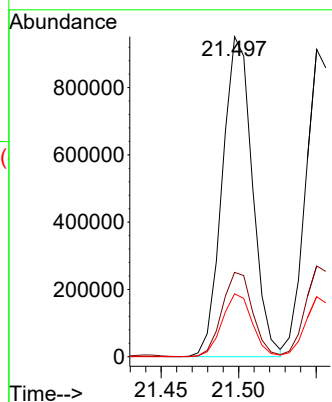
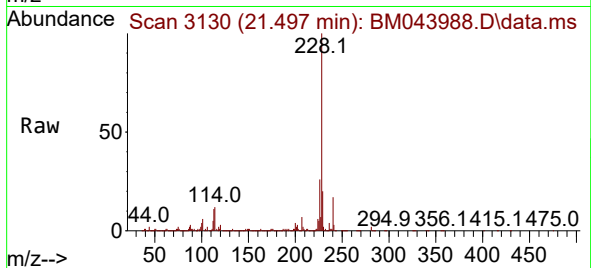
Tgt Ion:228 Resp: 1282857

Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.8

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 10.727 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

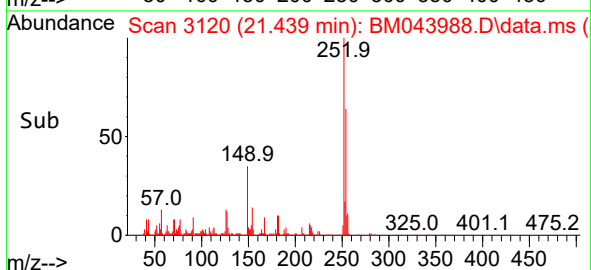
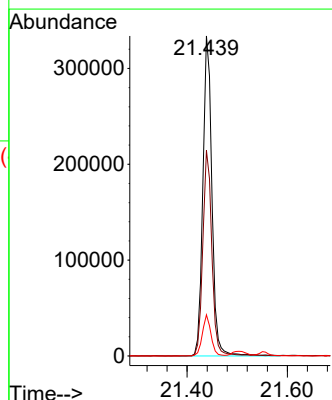
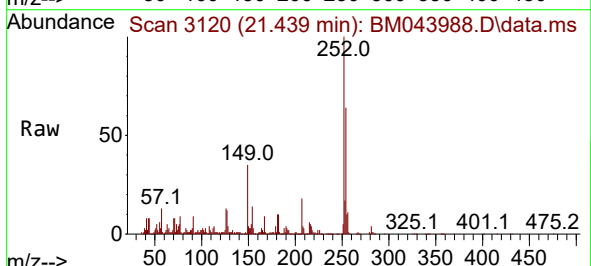
Tgt Ion:252 Resp: 420729

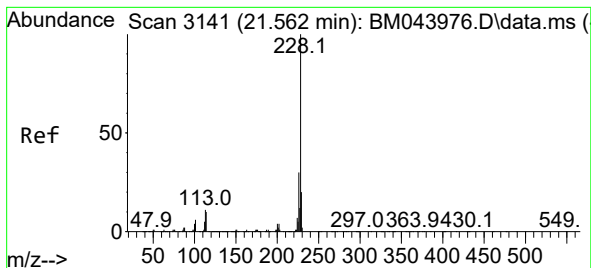
Ion Ratio Lower Upper

252 100

254 64.3 51.6 77.4

126 12.9 9.4 14.2





#83

Chrysene

Concen: 10.170 ng

RT: 21.550 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

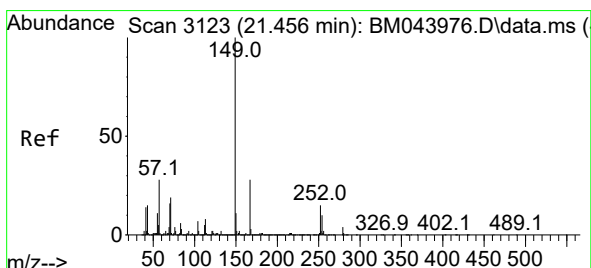
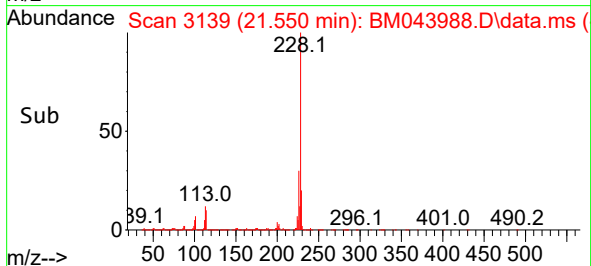
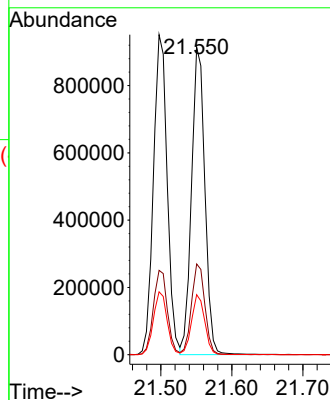
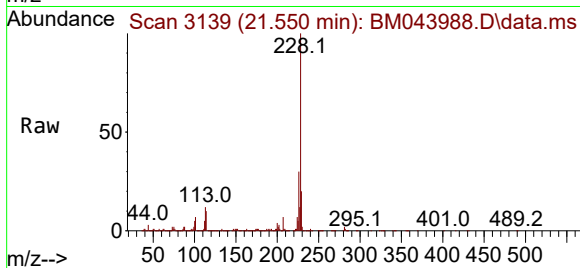
Tgt Ion:228 Resp: 1195129

Ion Ratio Lower Upper

228 100

226 29.5 24.2 36.4

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.569 ng

RT: 21.450 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

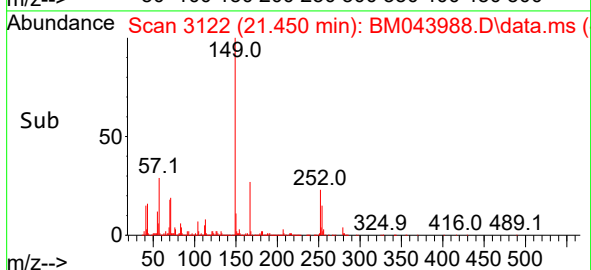
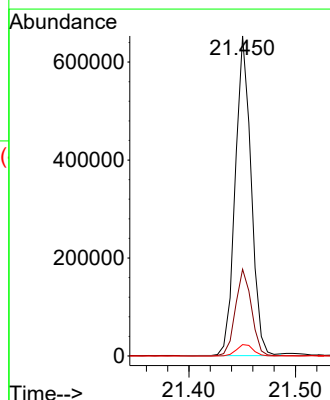
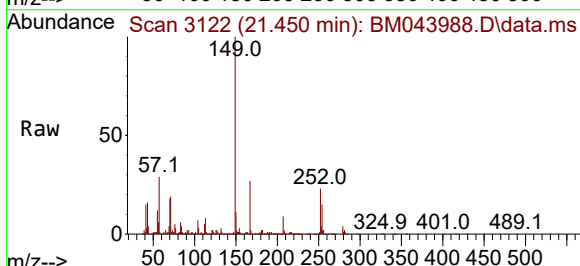
Tgt Ion:149 Resp: 677200

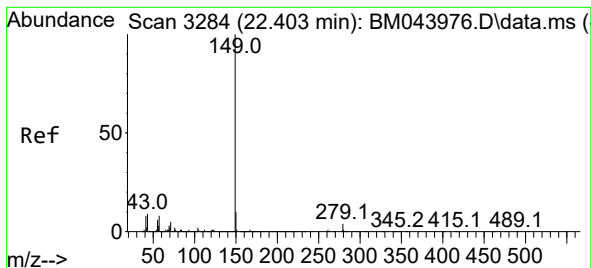
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 3.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 9.041 ng

RT: 22.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

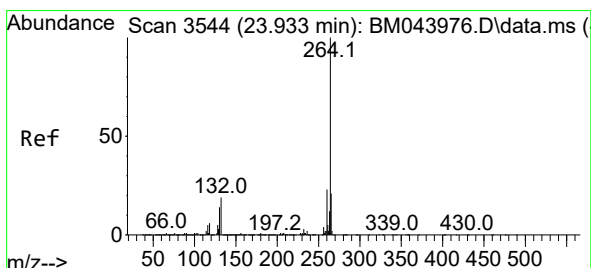
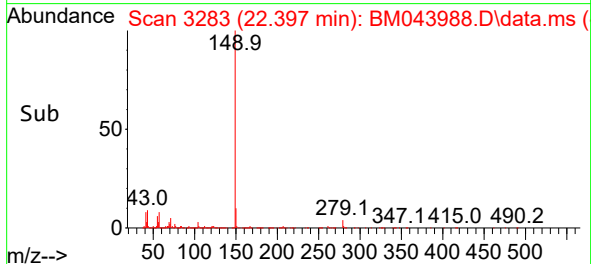
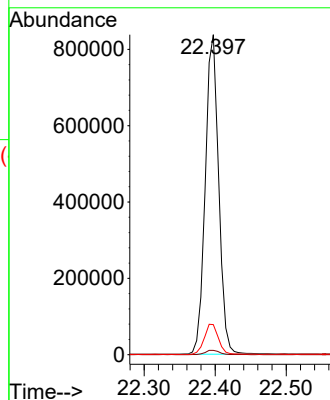
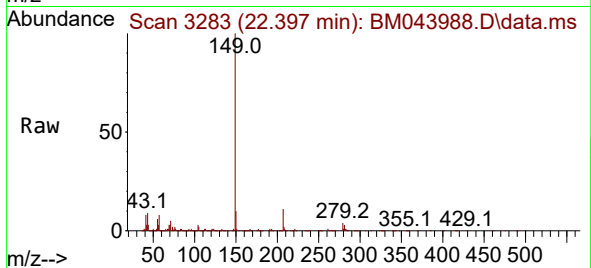
Tgt Ion:149 Resp: 1102298

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.1 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

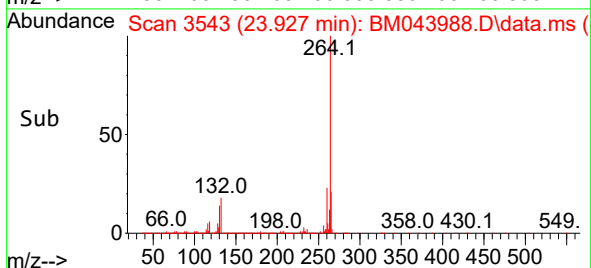
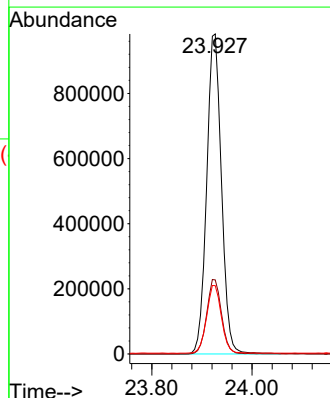
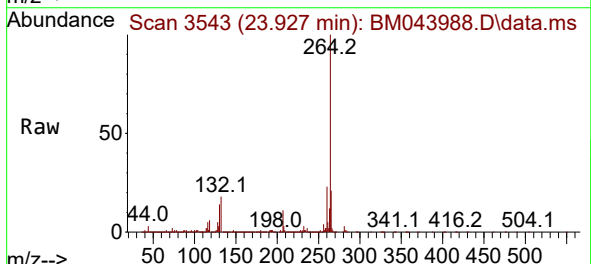
Tgt Ion:264 Resp: 2008919

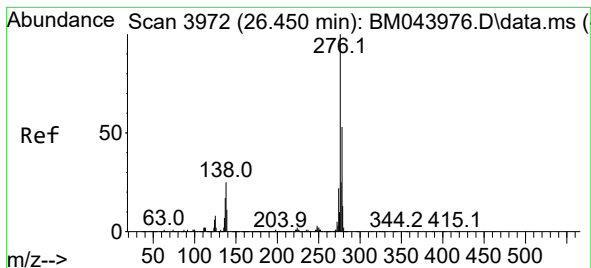
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.712 ng

RT: 26.426 min Scan# 3972

Delta R.T. -0.024 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

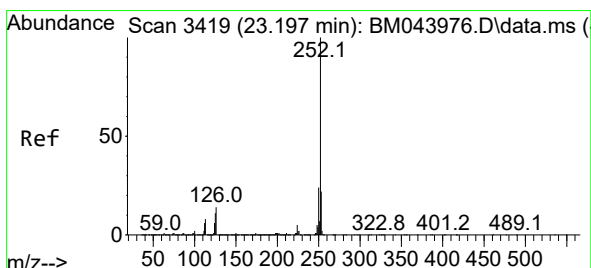
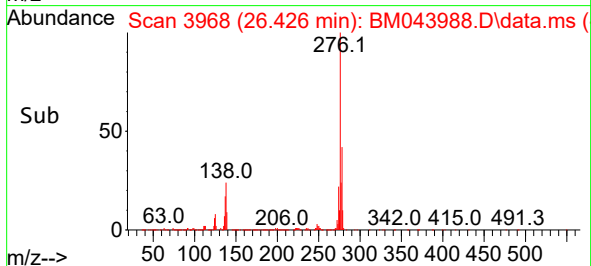
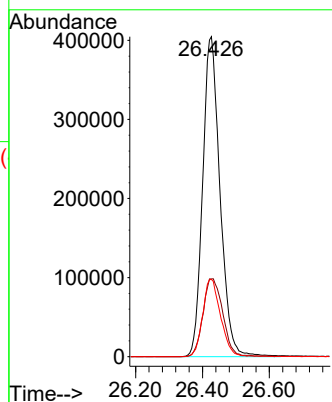
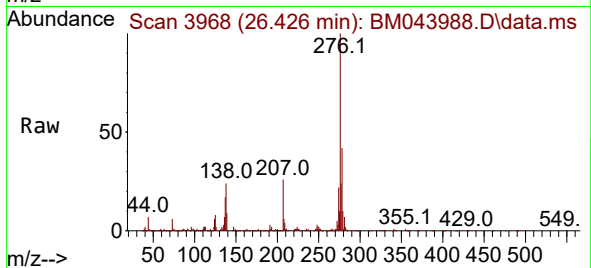
Tgt Ion:276 Resp: 1459984

Ion Ratio Lower Upper

276 100

138 27.8 21.8 32.6

277 24.8 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 9.999 ng

RT: 23.191 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

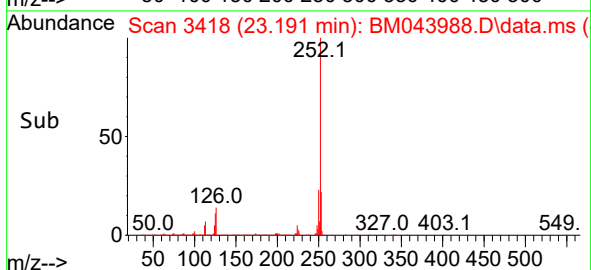
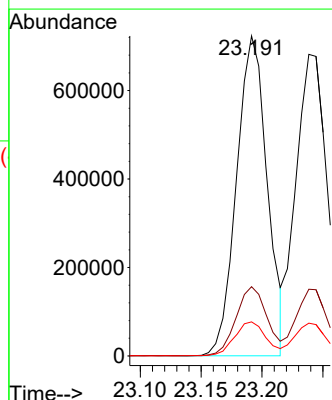
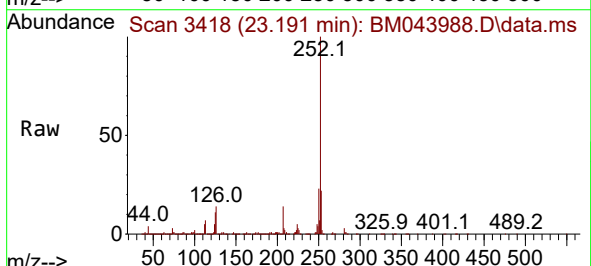
Tgt Ion:252 Resp: 1263484

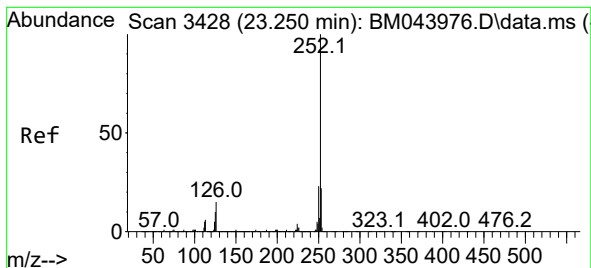
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.6 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 10.256 ng

RT: 23.238 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

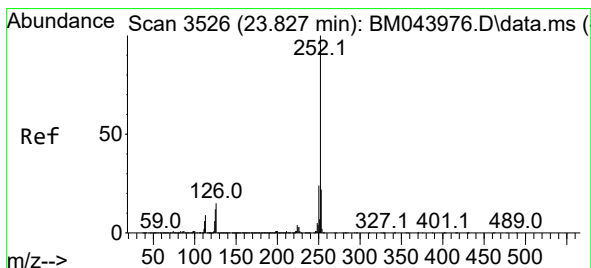
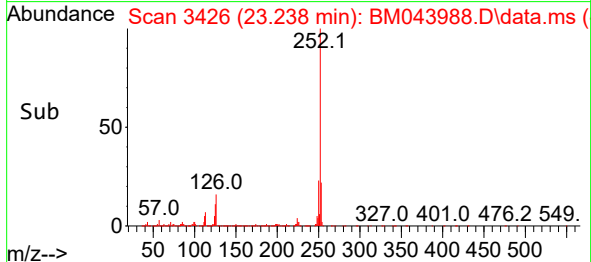
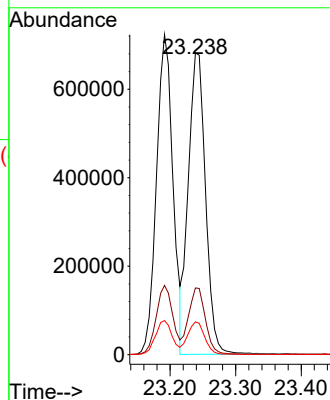
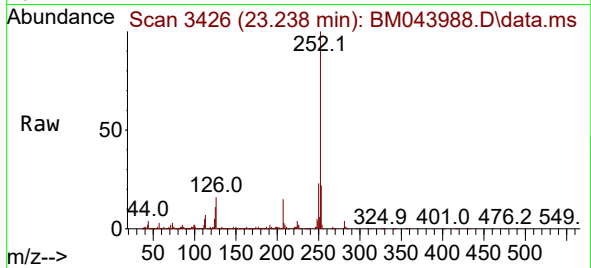
Tgt Ion:252 Resp: 1243340

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.9 8.3 12.5



#90

Benzo(a)pyrene

Concen: 9.807 ng

RT: 23.815 min Scan# 3524

Delta R.T. -0.012 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

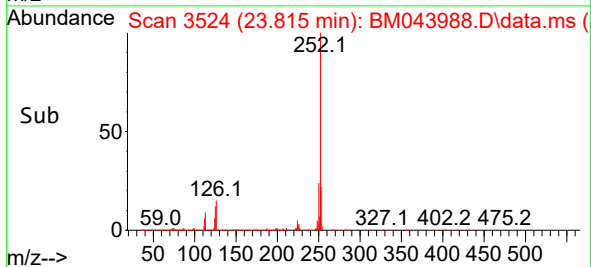
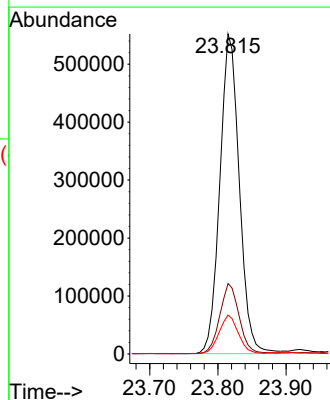
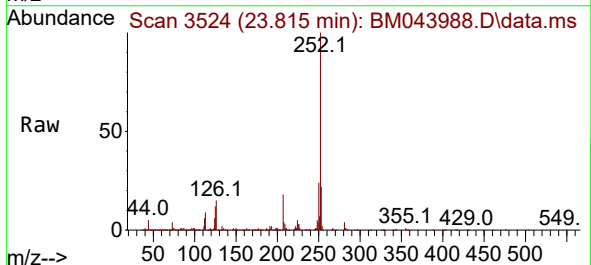
Tgt Ion:252 Resp: 1095411

Ion Ratio Lower Upper

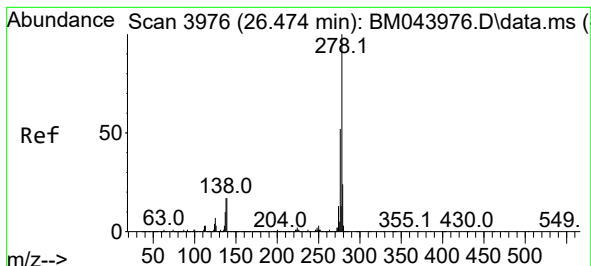
252 100

253 22.0 17.7 26.5

125 12.1 9.4 14.2







#91

Dibenzo(a,h)anthracene

Concen: 9.754 ng

RT: 26.450 min Scan# 3

Delta R.T. -0.024 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA\_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

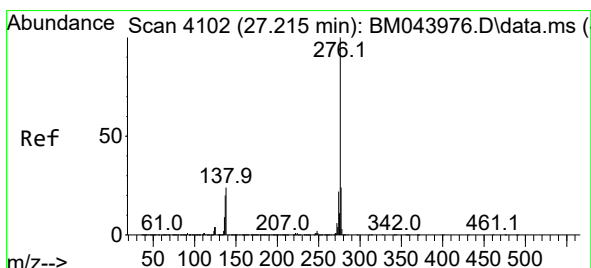
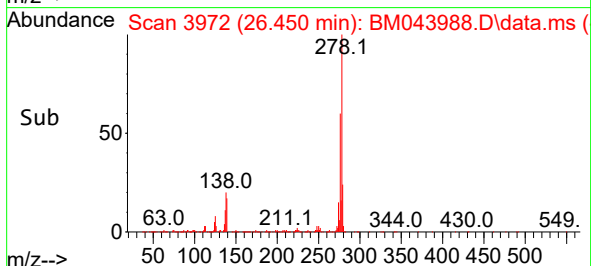
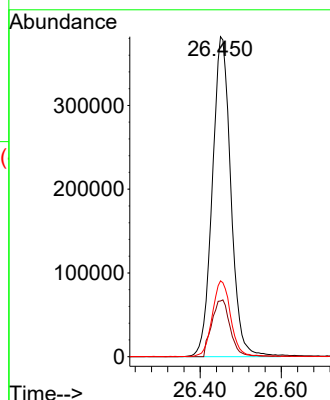
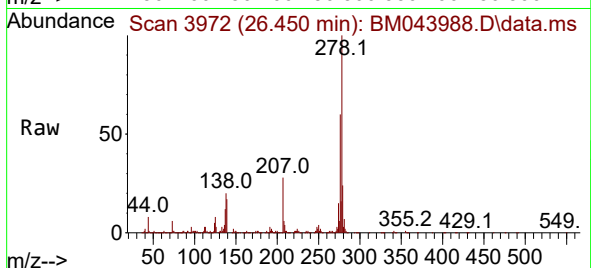
Tgt Ion:278 Resp: 1209209

Ion Ratio Lower Upper

278 100

139 17.4 13.7 20.5

279 23.7 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 9.331 ng

RT: 27.191 min Scan# 4098

Delta R.T. -0.024 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Tgt Ion:276 Resp: 1179942

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 23.4 18.8 28.2

