

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021224\  
 Data File : BM044064.D  
 Acq On : 12 Feb 2024 19:31  
 Operator : MA/JU  
 Sample : P1187-09  
 Misc : MDL-MDL-WATER-4PPM  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT1-2024

Quant Time: Feb 13 00:49:08 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 09 02:42:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.904  | 152  | 407336   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.710 | 136  | 1949705  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.545 | 164  | 1185302  | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.298 | 188  | 2326424  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.503 | 240  | 1916236  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.897 | 264  | 2119052  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 3914475  | 139.770 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.075  | 99   | 5469888  | 153.502 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.075  | 82   | 2985539  | 81.255  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.045 | 330  | 1706502  | 132.972 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.180 | 172  | 6621344  | 78.839  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.944 | 244  | 8410423  | 76.941  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.387  | 88   | 47150    | 4.242   | ng    | 98       |
| 3) Pyridine                   | 3.793  | 79   | 113431   | 3.866   | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.710  | 42   | 43117    | 3.873   | ng    | # 91     |
| 6) Aniline                    | 7.239  | 93   | 180919   | 5.164   | ng    | 98       |
| 8) 2-Chlorophenol             | 7.469  | 128  | 114245   | 3.906   | ng    | 98       |
| 9) Benzaldehyde               | 7.057  | 77   | 103408   | 5.647   | ng    | 95       |
| 10) Phenol                    | 7.098  | 94   | 163717   | 4.552   | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 7.339  | 93   | 127781   | 4.291   | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.792  | 146  | 120545   | 3.630   | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.939  | 146  | 124125   | 3.708   | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.257  | 146  | 118393   | 3.712   | ng    | 99       |
| 15) Benzyl Alcohol            | 8.151  | 79   | 109022   | 4.699   | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.445  | 45   | 172766   | 4.576   | ng    | 97       |
| 17) 2-Methylphenol            | 8.351  | 107  | 100526   | 4.258   | ng    | 97       |
| 18) Hexachloroethane          | 8.975  | 117  | 43291    | 3.454   | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.722  | 70   | 101560   | 4.641   | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.681  | 107  | 135497   | 4.170   | ng    | 98       |
| 22) Acetophenone              | 8.733  | 105  | 202455   | 4.091   | ng    | # 96     |
| 24) Nitrobenzene              | 9.116  | 77   | 148337   | 3.942   | ng    | 97       |
| 25) Isophorone                | 9.639  | 82   | 264476   | 3.738   | ng    | 98       |
| 26) 2-Nitrophenol             | 9.828  | 139  | 53753    | 3.081   | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.886  | 122  | 96735    | 4.337   | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.133 | 93   | 180685   | 3.949   | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.357 | 162  | 101971   | 3.472   | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.569 | 180  | 115812   | 3.507   | ng    | 99       |
| 31) Naphthalene               | 10.757 | 128  | 397317   | 3.692   | ng    | 100      |
| 32) Benzoic acid              | 9.945  | 122  | 38805    | 1.727   | ng    | 93       |
| 33) 4-Chloroaniline           | 10.874 | 127  | 160662   | 3.943   | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.033 | 225  | 63881    | 3.380   | ng    | 99       |
| 35) Caprolactam               | 11.645 | 113  | 28535    | 3.020   | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 11.998 | 107  | 108030   | 3.397   | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.368 | 142  | 274380   | 3.828   | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.592 | 142  | 262876   | 3.732   | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.733 | 216  | 131134   | 3.806   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.710 | 237  | 58014    | 3.858   | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 12.980 | 196  | 71887    | 3.066   | ng    | 98       |

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 Operator : MA/JU  
 Sample : P1187-09  
 Misc : MDL-MDL-WATER-4PPM  
 ALS Vial : 17 Sample Multiplier: 1

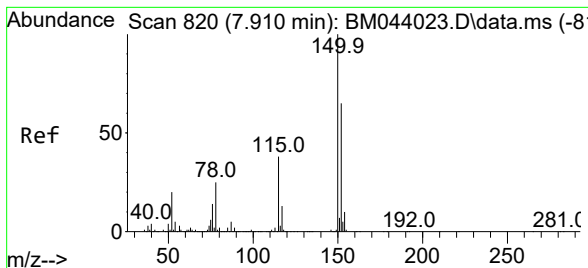
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT1-2024

Quant Time: Feb 13 00:49:08 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 09 02:42:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.045 | 196  | 81675    | 3.174 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.386 | 154  | 360129   | 3.850 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.421 | 162  | 274833   | 3.710 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.633 | 65   | 64431    | 3.091 | ng    | # 79     |
| 49) Acenaphthylene            | 14.268 | 152  | 433551   | 3.922 | ng    | 99       |
| 50) Dimethylphthalate         | 14.015 | 163  | 326706   | 3.717 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.139 | 165  | 60040    | 3.097 | ng    | 92       |
| 52) Acenaphthene              | 14.610 | 154  | 253327   | 3.703 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.462 | 138  | 61003    | 2.928 | ng    | # 89     |
| 54) 2,4-Dinitrophenol         | 14.668 | 184  | 18309    | 7.051 | ng    | 91       |
| 55) Dibenzofuran              | 14.945 | 168  | 419385   | 3.961 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.768 | 139  | 41080    | 2.425 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 14.921 | 165  | 69652    | 2.748 | ng    | 94       |
| 58) Fluorene                  | 15.598 | 166  | 318649   | 3.895 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.174 | 232  | 71407    | 3.537 | ng    | 98       |
| 60) Diethylphthalate          | 15.380 | 149  | 314478   | 3.462 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.598 | 204  | 154386   | 3.894 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.627 | 138  | 57986    | 2.764 | ng    | 100      |
| 63) Azobenzene                | 15.892 | 77   | 298683   | 3.505 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.680 | 198  | 29131    | 2.101 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.815 | 169  | 259222   | 3.668 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.498 | 248  | 74979    | 3.260 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.592 | 284  | 101636   | 3.607 | ng    | 99       |
| 69) Atrazine                  | 16.774 | 200  | 78412    | 4.097 | ng    | 97       |
| 70) Pentachlorophenol         | 16.945 | 266  | 44484    | 2.427 | ng    | 95       |
| 71) Phenanthrene              | 17.345 | 178  | 486984   | 3.964 | ng    | 100      |
| 72) Anthracene                | 17.433 | 178  | 455003   | 3.741 | ng    | 99       |
| 73) Carbazole                 | 17.709 | 167  | 417463   | 3.529 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.286 | 149  | 463664   | 3.016 | ng    | 99       |
| 75) Fluoranthene              | 19.362 | 202  | 490806   | 3.557 | ng    | 98       |
| 77) Benzidine                 | 19.562 | 184  | 103527   | 3.477 | ng    | 97       |
| 78) Pyrene                    | 19.727 | 202  | 508928   | 3.448 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.650 | 149  | 168785   | 2.573 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.486 | 228  | 489213   | 3.670 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.427 | 252  | 149811   | 3.425 | ng    | 98       |
| 83) Chrysene                  | 21.538 | 228  | 457423   | 3.632 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.439 | 149  | 270695   | 2.797 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.374 | 149  | 400214   | 2.368 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.373 | 276  | 530257   | 3.536 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.168 | 252  | 458144   | 3.459 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.215 | 252  | 452136   | 3.592 | ng    | 99       |
| 90) Benzo(a)pyrene            | 23.791 | 252  | 386094   | 3.337 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 26.403 | 278  | 442820   | 3.530 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.138 | 276  | 433292   | 3.406 | ng    | 97       |

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

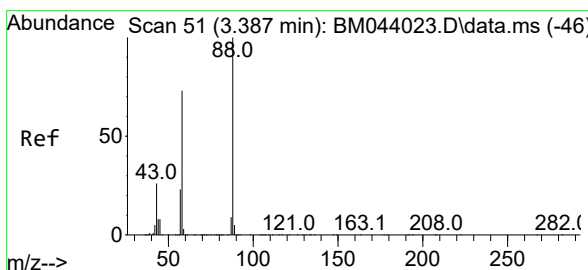
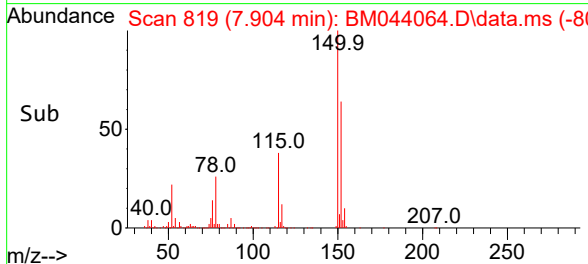
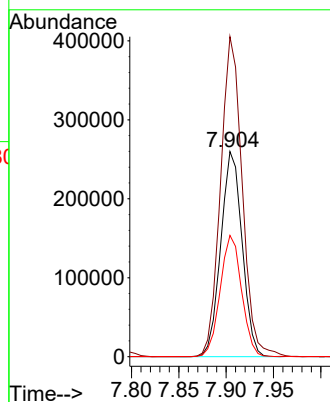
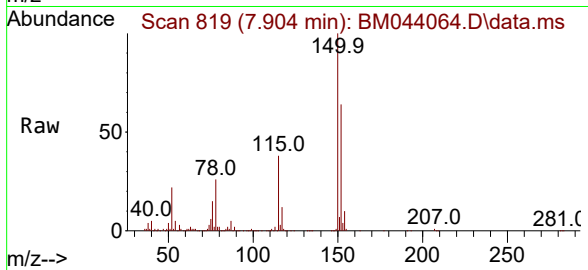




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.904 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

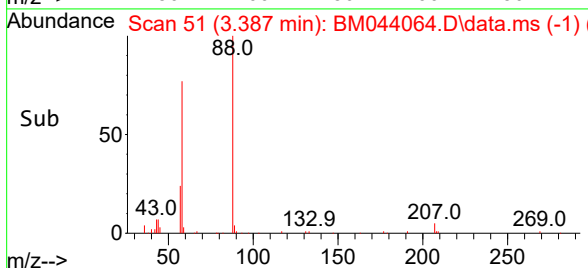
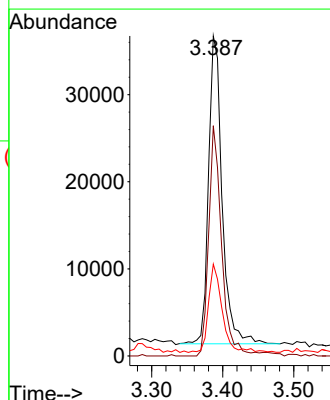
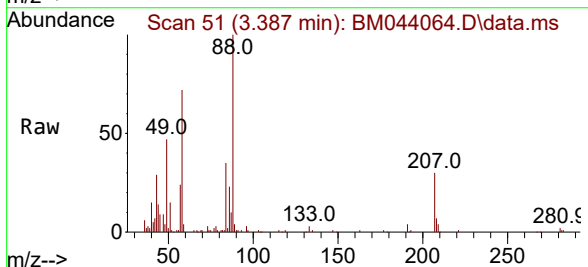
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

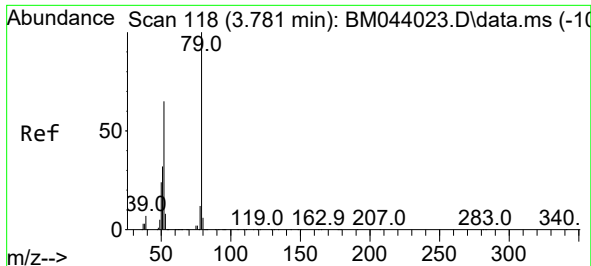
Tgt Ion:152 Resp: 407336  
Ion Ratio Lower Upper  
152 100  
150 156.0 122.7 184.1  
115 59.1 47.0 70.6



#2  
1,4-Dioxane  
Concen: 4.242 ng  
RT: 3.387 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion: 88 Resp: 47150  
Ion Ratio Lower Upper  
88 100  
58 72.2 58.1 87.1  
43 29.5 21.1 31.7





#3

Pyridine

Concen: 3.866 ng

RT: 3.793 min Scan# 11

Delta R.T. 0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

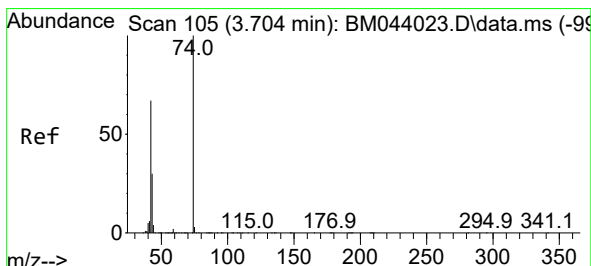
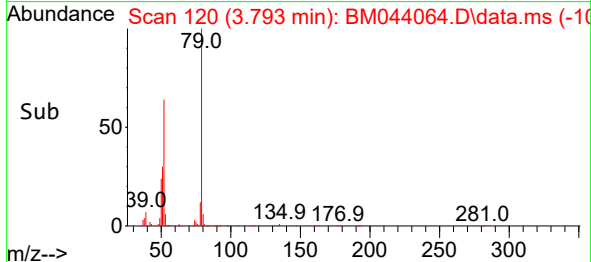
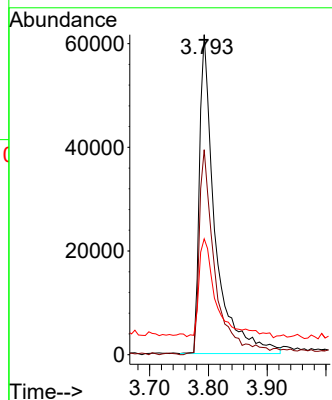
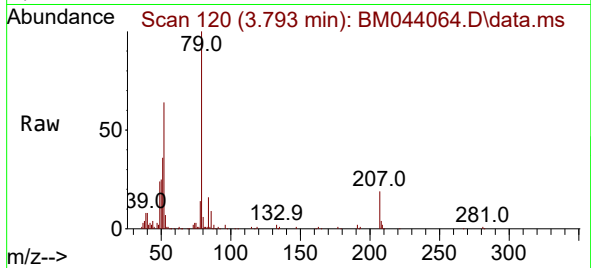
Tgt Ion: 79 Resp: 113431

Ion Ratio Lower Upper

79 100

52 64.0 52.2 78.2

51 36.2 26.2 39.4



#4

n-Nitrosodimethylamine

Concen: 3.873 ng

RT: 3.710 min Scan# 106

Delta R.T. 0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

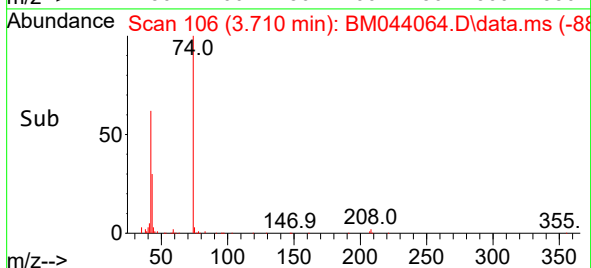
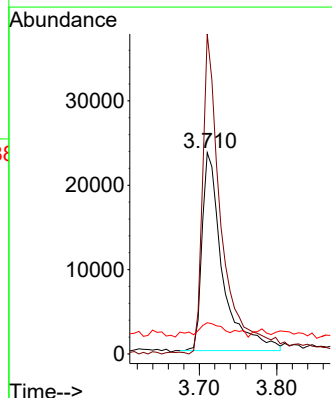
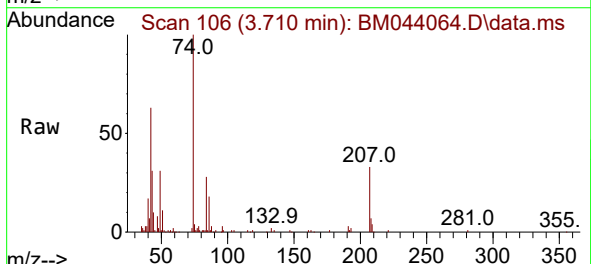
Tgt Ion: 42 Resp: 43117

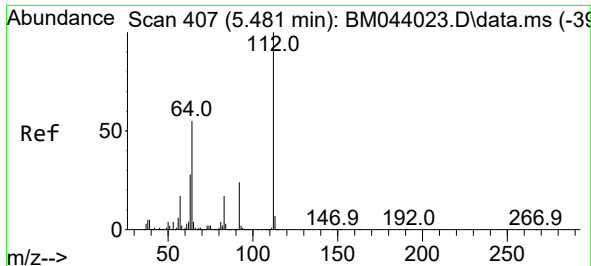
Ion Ratio Lower Upper

42 100

74 159.0 118.6 178.0

44 15.5 5.6 8.4#

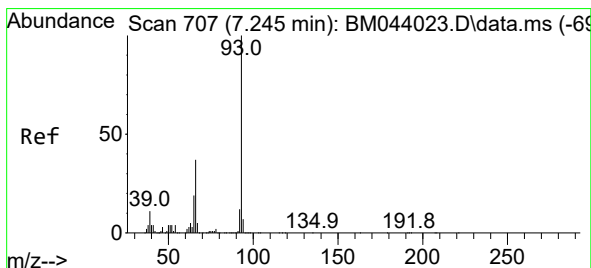
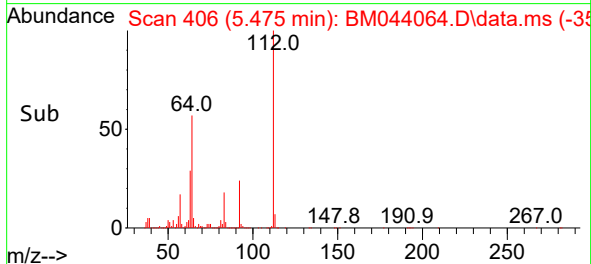
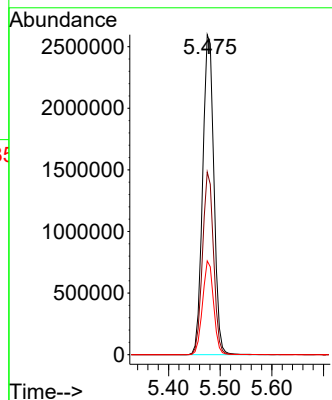
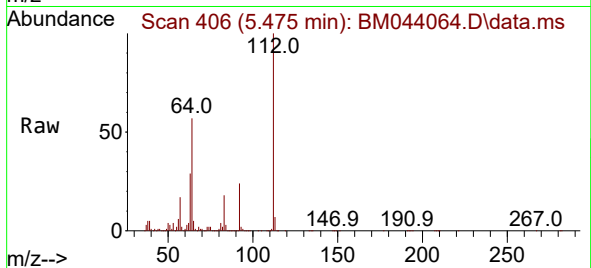




#5  
2-Fluorophenol  
Concen: 139.770 ng  
RT: 5.475 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

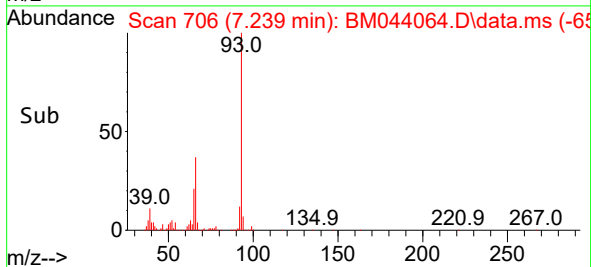
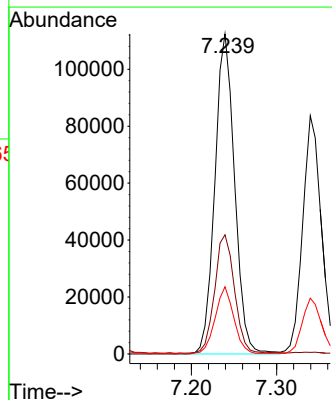
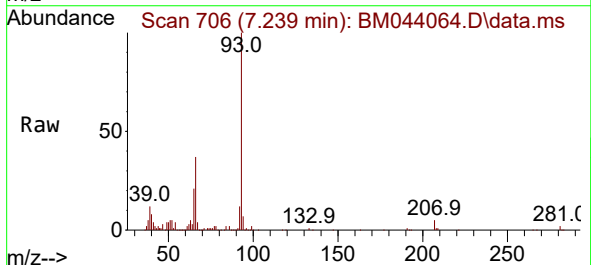
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

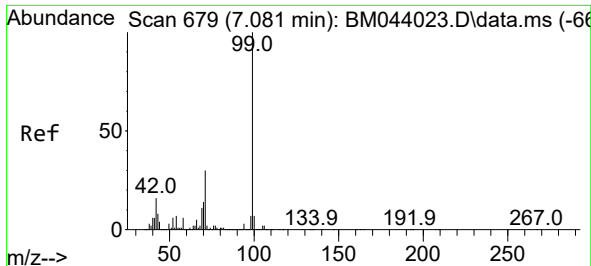
Tgt Ion:112 Resp: 3914475  
Ion Ratio Lower Upper  
112 100  
64 57.1 44.2 66.4  
63 29.3 22.6 34.0



#6  
Aniline  
Concen: 5.164 ng  
RT: 7.239 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion: 93 Resp: 180919  
Ion Ratio Lower Upper  
93 100  
66 37.3 29.4 44.0  
65 21.0 15.2 22.8



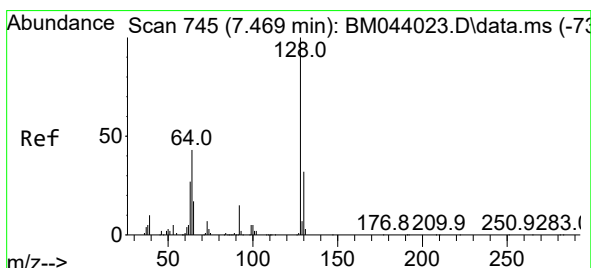
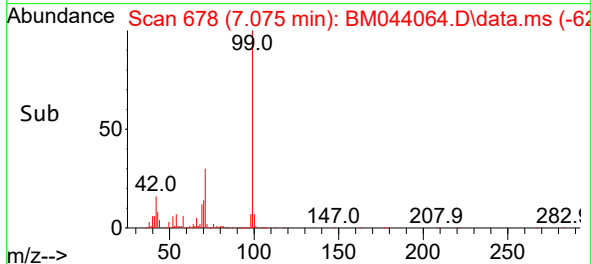
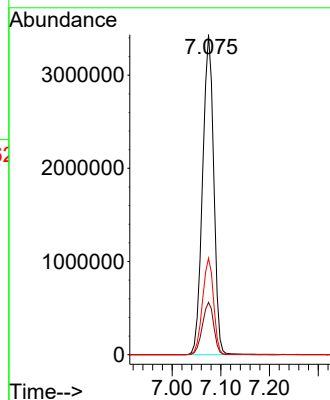
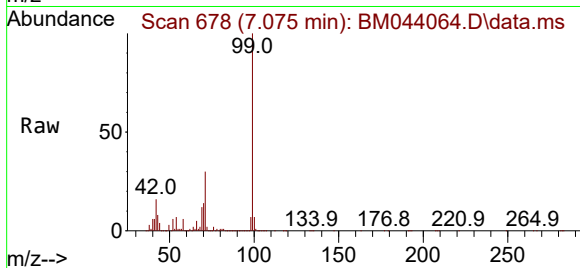


#7  
Phenol-d6  
Concen: 153.502 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

Tgt Ion: 99 Resp: 5469888

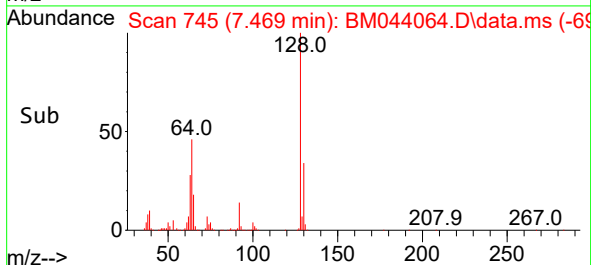
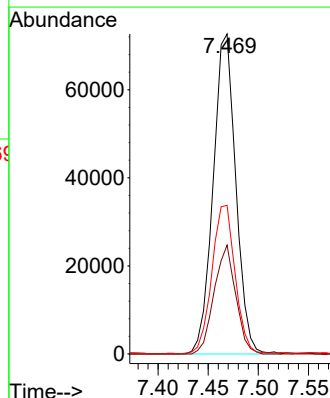
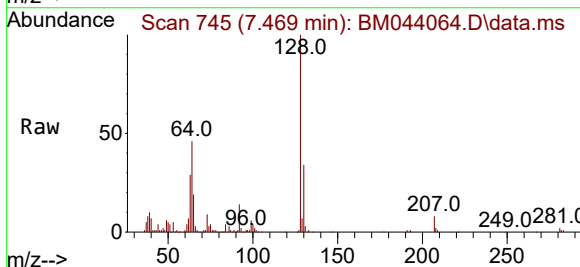
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.3  | 12.9  | 19.3  |
| 71  | 30.2  | 23.9  | 35.9  |

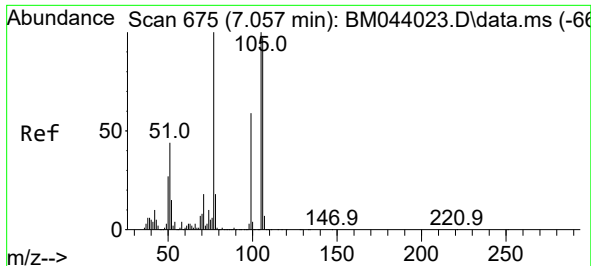


#8  
2-Chlorophenol  
Concen: 3.906 ng  
RT: 7.469 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion: 128 Resp: 114245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.0  | 12.1  | 52.1  |
| 64  | 46.4  | 26.0  | 66.0  |

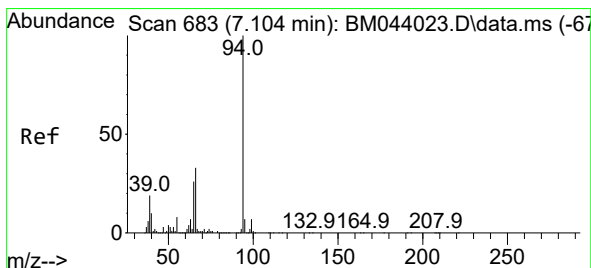
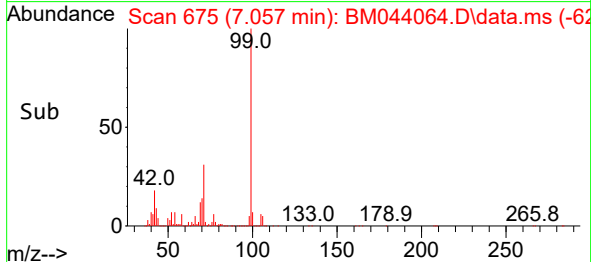
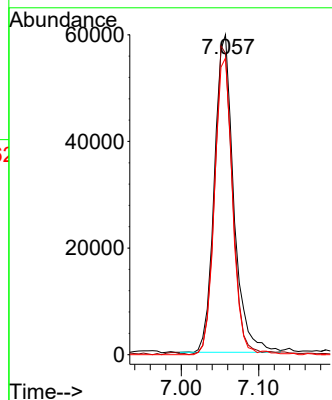
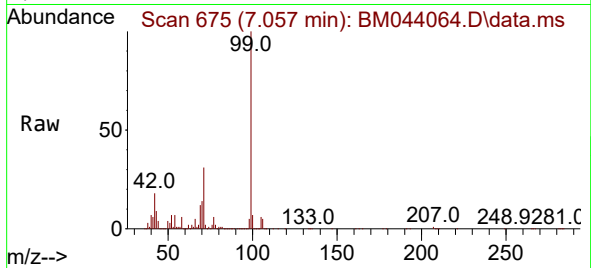




#9  
Benzaldehyde  
Concen: 5.647 ng  
RT: 7.057 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

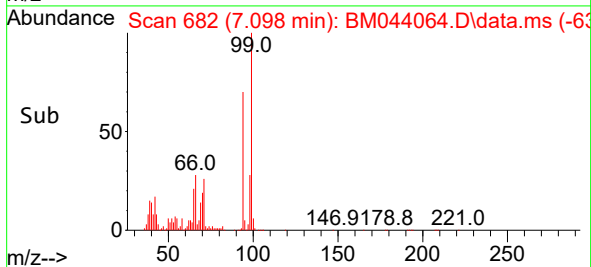
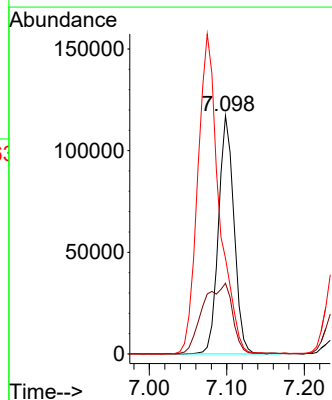
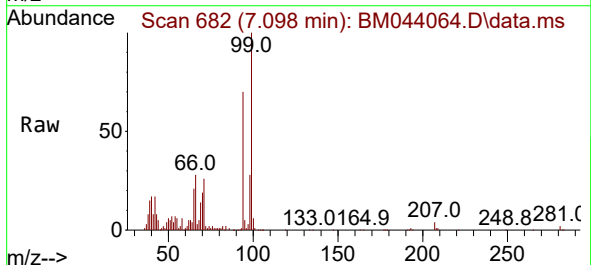
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

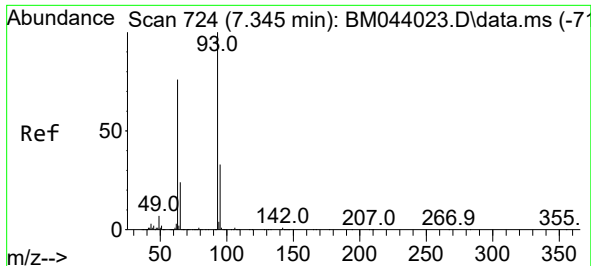
Tgt Ion: 77 Resp: 103408  
Ion Ratio Lower Upper  
77 100  
105 94.2 80.0 120.0  
106 92.7 76.8 116.8



#10  
Phenol  
Concen: 4.552 ng  
RT: 7.098 min Scan# 682  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion: 94 Resp: 163717  
Ion Ratio Lower Upper  
94 100  
65 29.7 6.4 46.4  
66 40.2 13.2 53.2

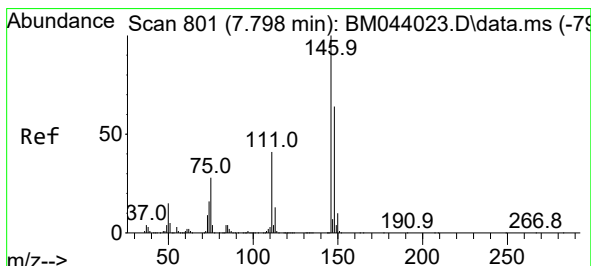
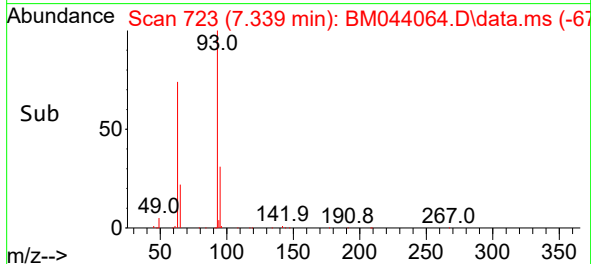
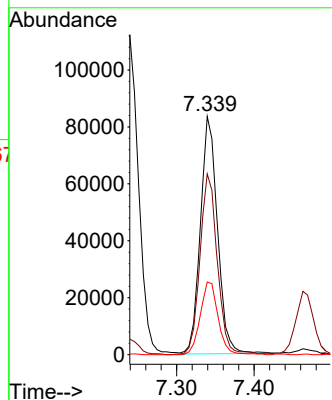
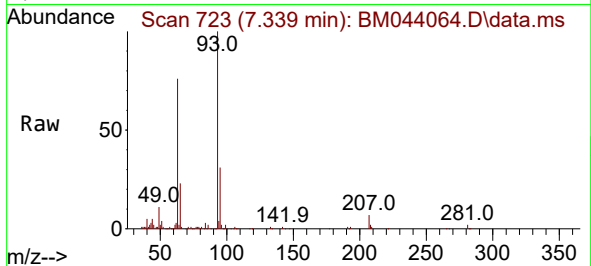




#11  
bis(2-Chloroethyl)ether  
Concen: 4.291 ng  
RT: 7.339 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

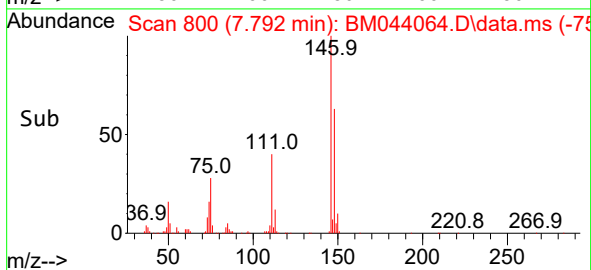
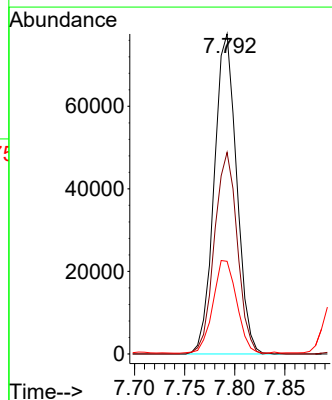
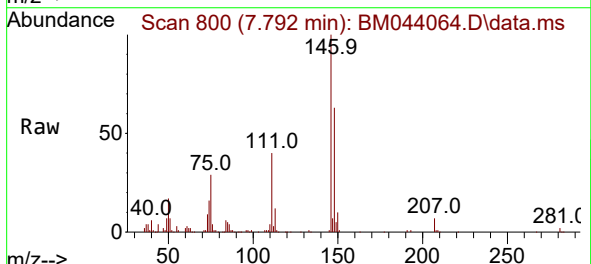
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

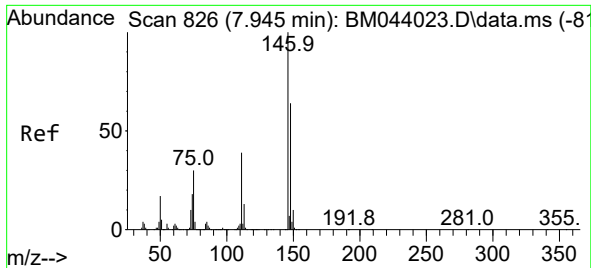
Tgt Ion: 93 Resp: 127781  
Ion Ratio Lower Upper  
93 100  
63 75.9 55.9 95.9  
95 30.5 13.0 53.0



#12  
1,3-Dichlorobenzene  
Concen: 3.630 ng  
RT: 7.792 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:146 Resp: 120545  
Ion Ratio Lower Upper  
146 100  
148 63.0 51.3 76.9  
75 28.9 22.7 34.1

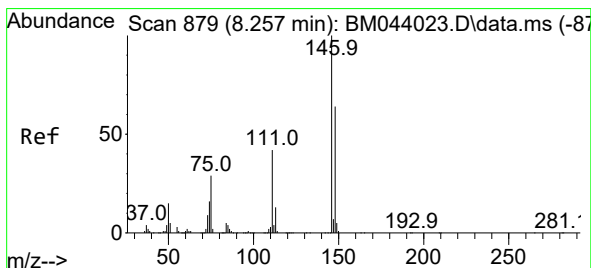
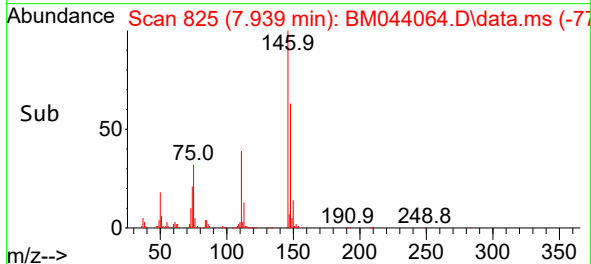
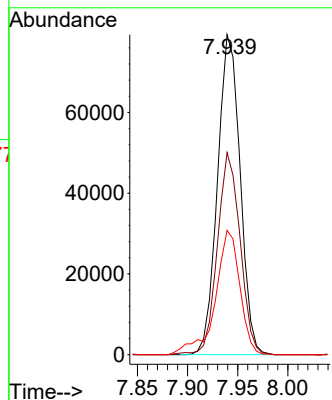
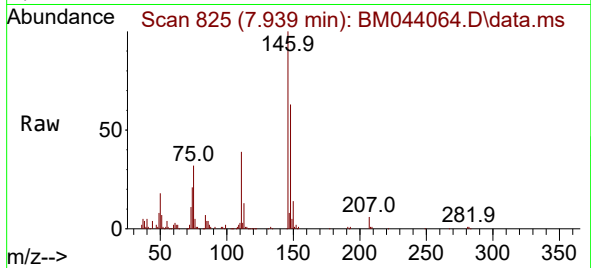




#13  
1,4-Dichlorobenzene  
Concen: 3.708 ng  
RT: 7.939 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

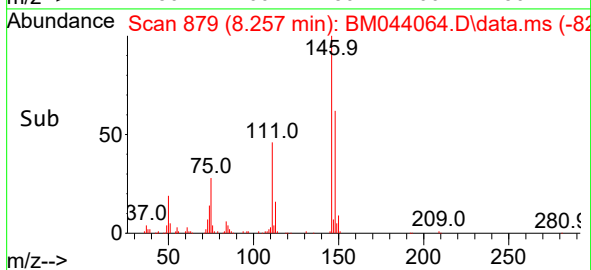
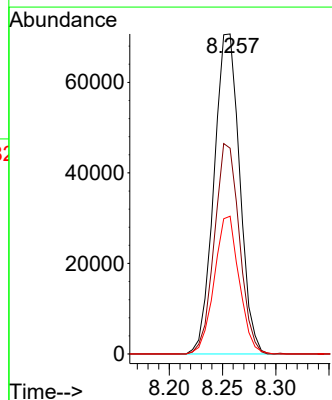
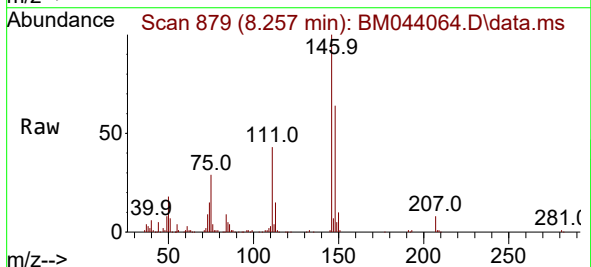
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

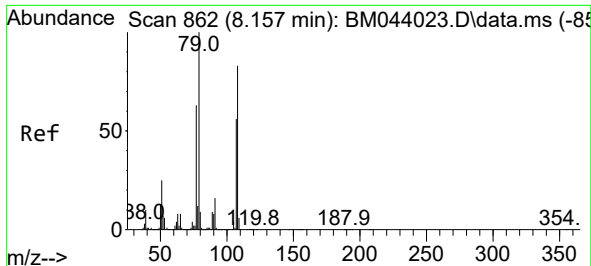
Tgt Ion:146 Resp: 124125  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.2 76.8  
111 38.9 31.2 46.8



#14  
1,2-Dichlorobenzene  
Concen: 3.712 ng  
RT: 8.257 min Scan# 879  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:146 Resp: 118393  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.4 77.2  
111 43.0 33.7 50.5

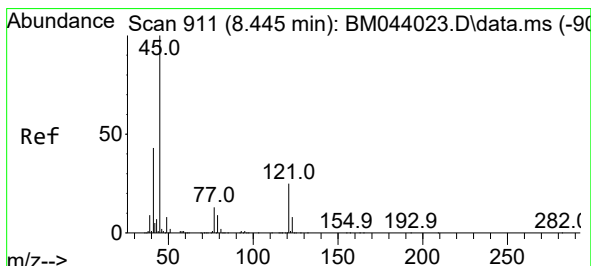
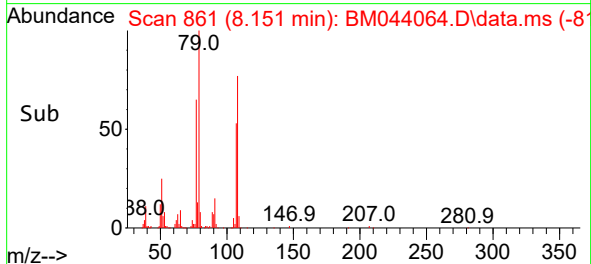
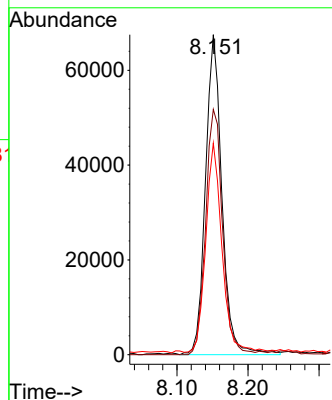
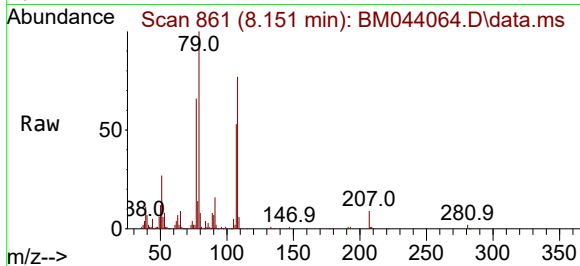




#15  
Benzyl Alcohol  
Concen: 4.699 ng  
RT: 8.151 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

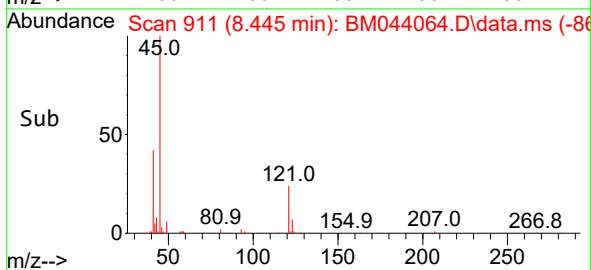
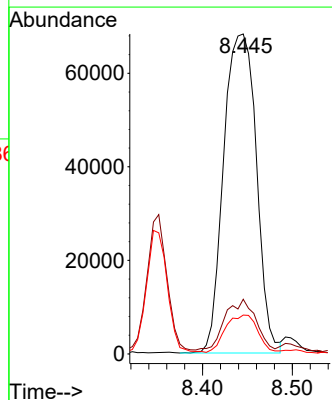
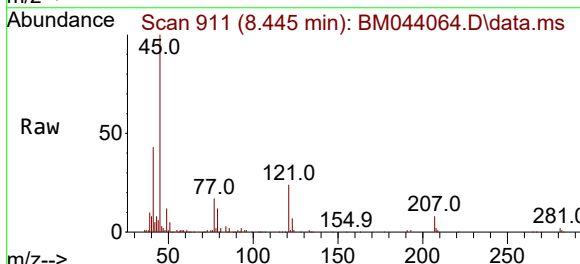
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

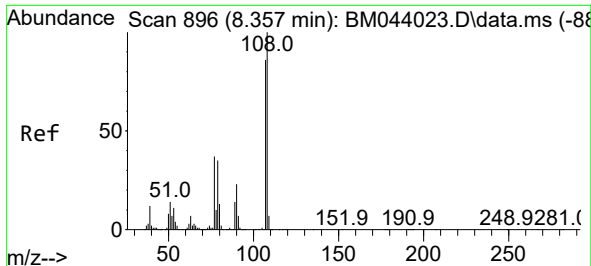
Tgt Ion: 79 Resp: 109022  
Ion Ratio Lower Upper  
79 100  
108 76.6 66.0 99.0  
77 66.1 50.4 75.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.576 ng  
RT: 8.445 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion: 45 Resp: 172766  
Ion Ratio Lower Upper  
45 100  
77 17.1 0.0 35.1  
79 12.1 0.0 31.5

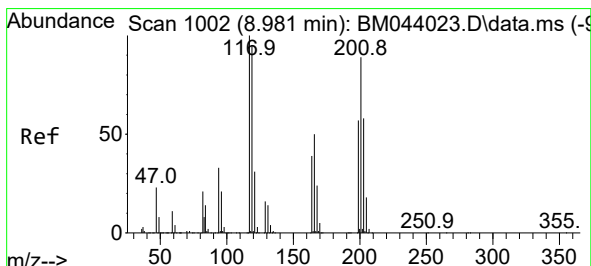
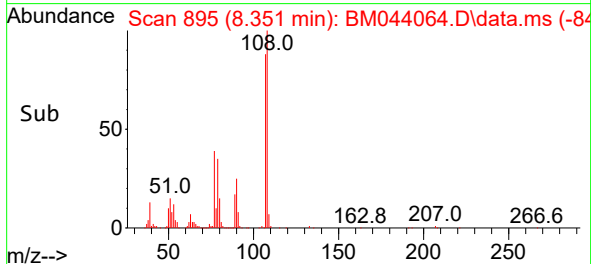
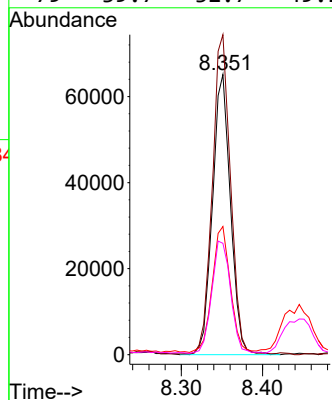
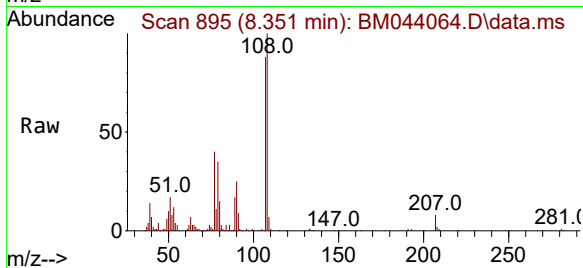




#17  
2-Methylphenol  
Concen: 4.258 ng  
RT: 8.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

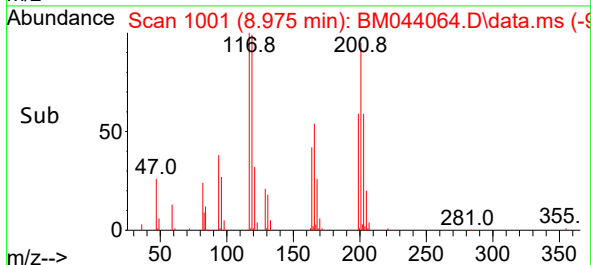
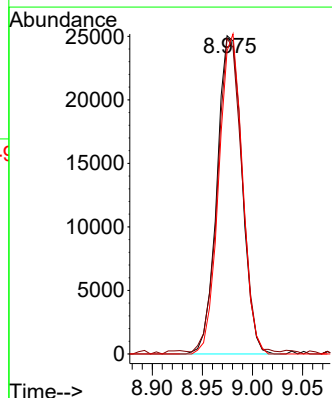
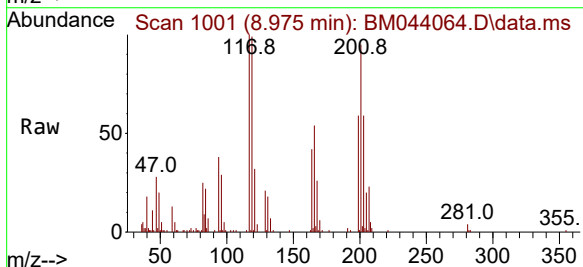
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

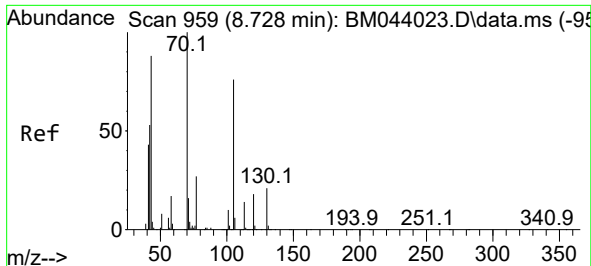
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 100526 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 114.2 | 93.4  | 140.2  |
| 77        | 45.7  | 34.7  | 52.1   |
| 79        | 39.7  | 32.7  | 49.1   |



#18  
Hexachloroethane  
Concen: 3.454 ng  
RT: 8.975 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 43291 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 99.1  | 75.7  | 113.5 |
| 201       | 95.2  | 71.5  | 107.3 |





#19

n-Nitroso-di-n-propylamine

Concen: 4.641 ng

RT: 8.722 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM044064.D

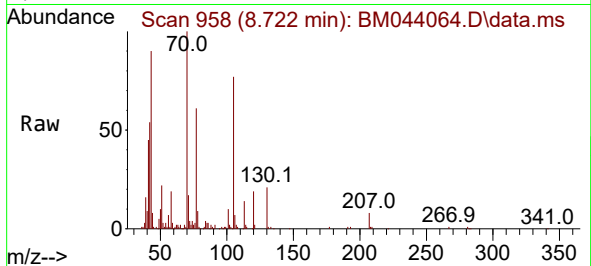
Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 70 Resp: 101560

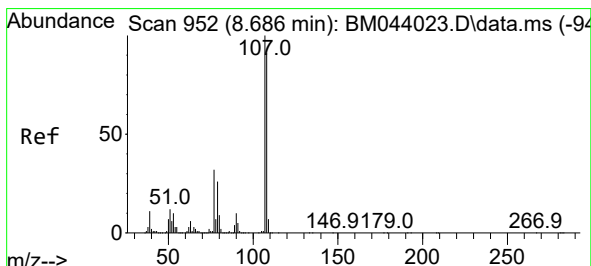
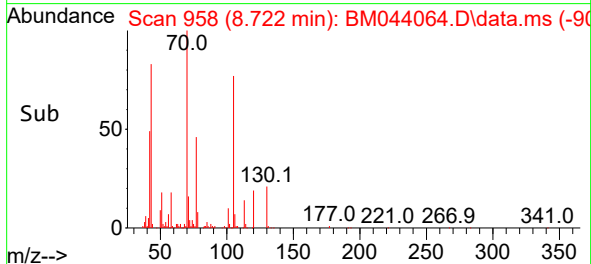
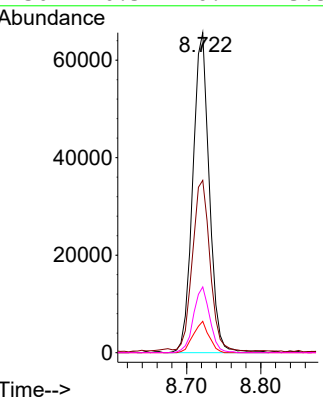
Ion Ratio Lower Upper

70 100

42 53.9 42.6 64.0

101 9.8 7.8 11.6

130 20.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 4.170 ng

RT: 8.681 min Scan# 951

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Tgt Ion: 107 Resp: 135497

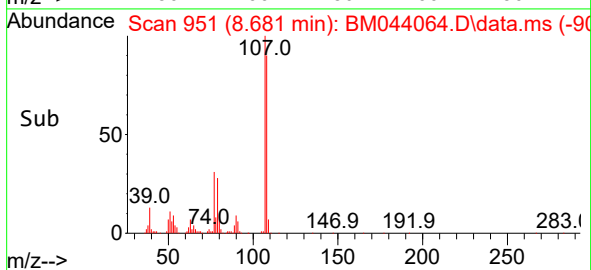
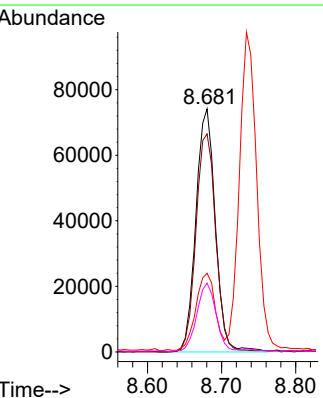
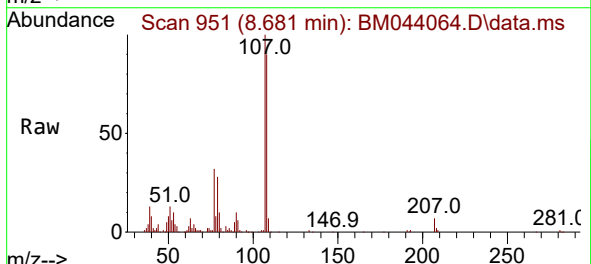
Ion Ratio Lower Upper

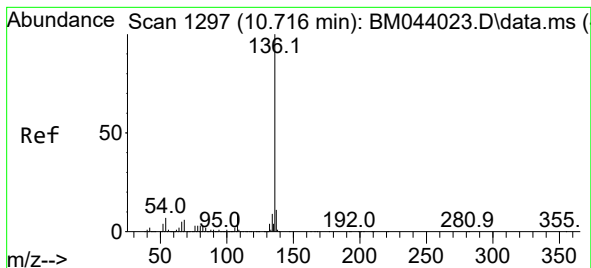
107 100

108 89.8 71.5 111.5

77 32.4 11.8 51.8

79 28.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.710 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:136 Resp: 1949705

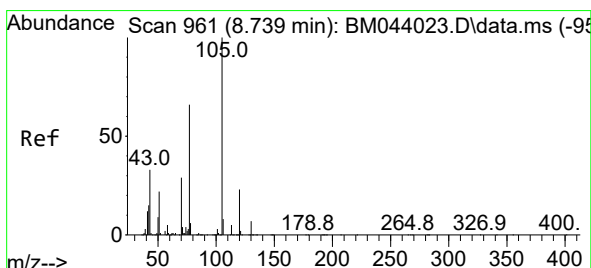
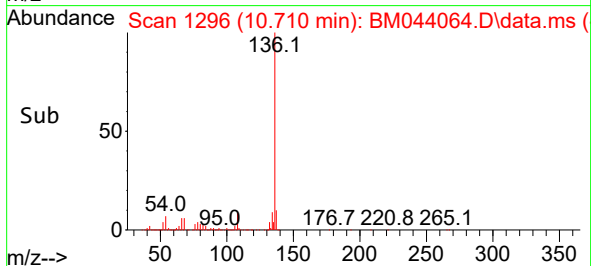
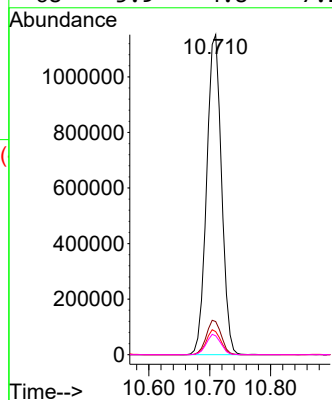
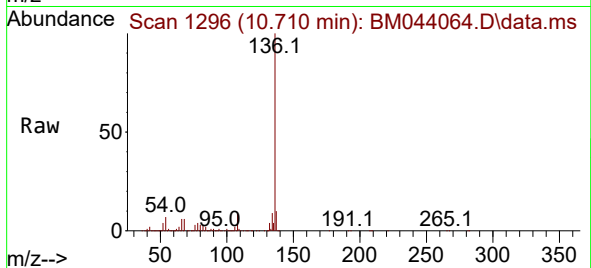
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.2 5.9 8.9

68 5.9 4.8 7.2



#22

Acetophenone

Concen: 4.091 ng

RT: 8.733 min Scan# 960

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Tgt Ion:105 Resp: 202455

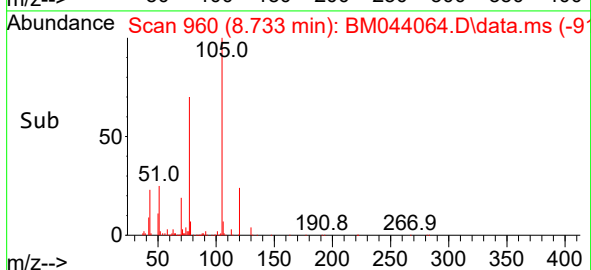
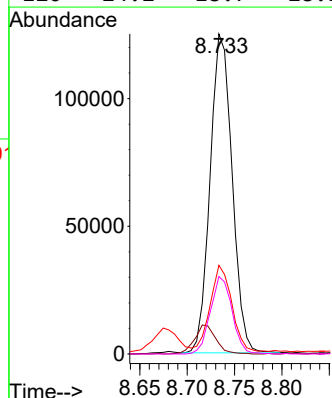
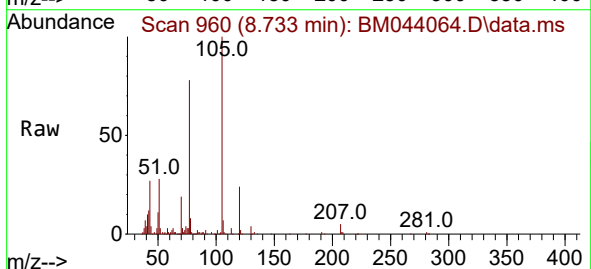
Ion Ratio Lower Upper

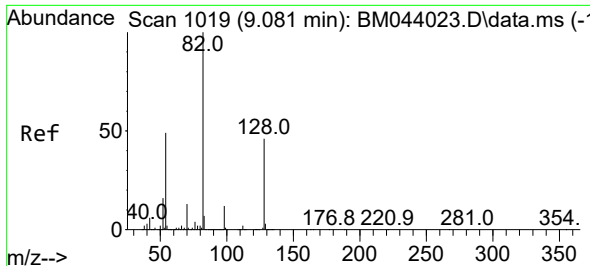
105 100

71 3.3 4.0 6.0#

51 27.7 20.1 30.1

120 24.2 18.7 28.1

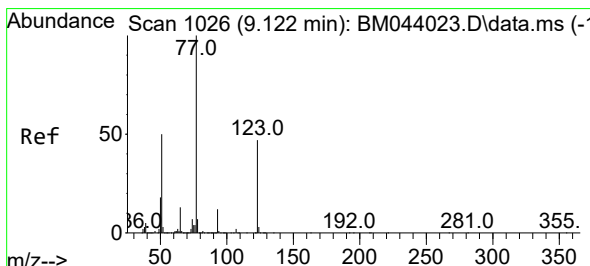
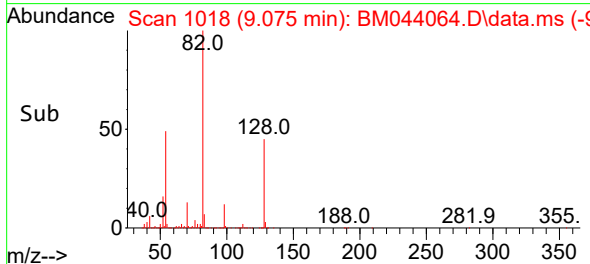
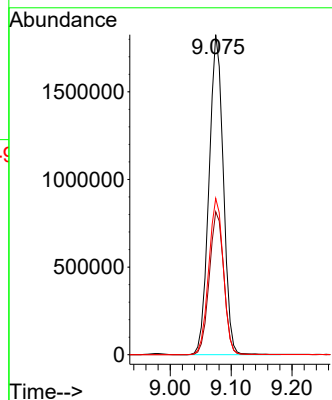
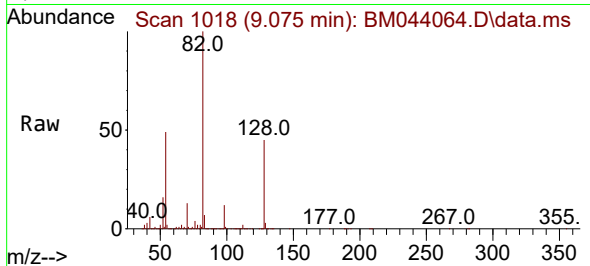




#23  
Nitrobenzene-d5  
Concen: 81.255 ng  
RT: 9.075 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

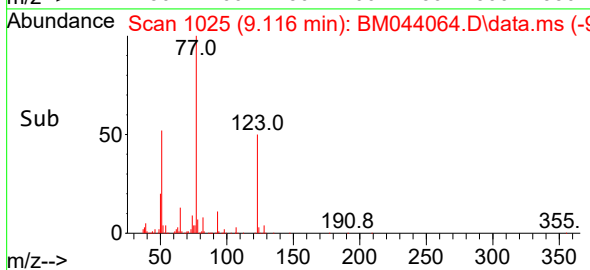
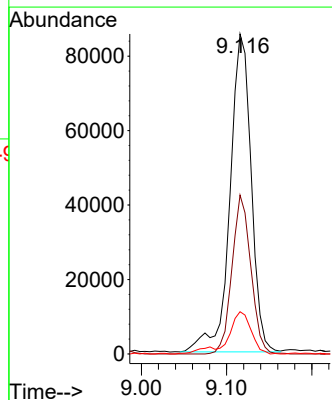
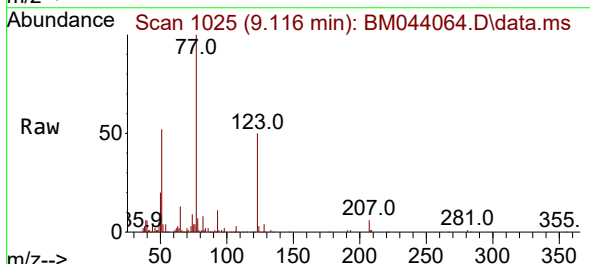
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

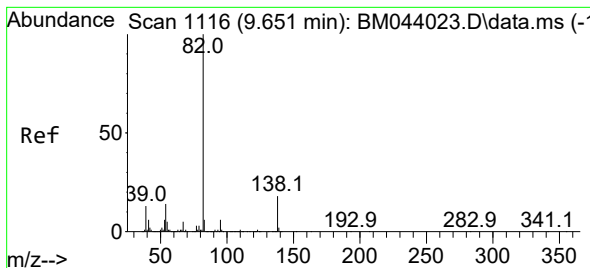
Tgt Ion: 82 Resp: 2985539  
Ion Ratio Lower Upper  
82 100  
128 44.6 37.1 55.7  
54 48.8 38.9 58.3



#24  
Nitrobenzene  
Concen: 3.942 ng  
RT: 9.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion: 77 Resp: 148337  
Ion Ratio Lower Upper  
77 100  
123 49.6 37.8 56.8  
65 13.2 10.5 15.7





#25

Isophorone

Concen: 3.738 ng

RT: 9.639 min Scan# 1114

Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

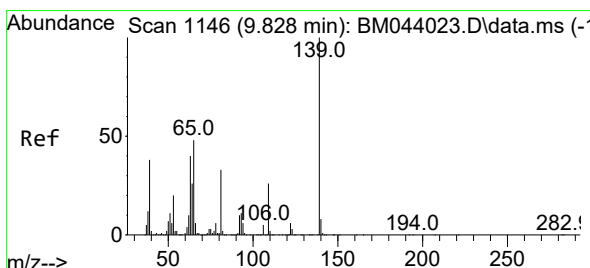
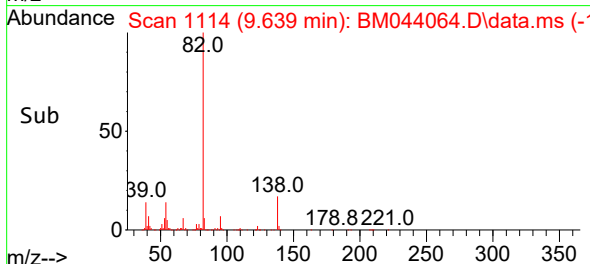
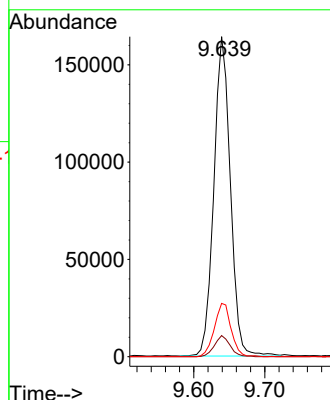
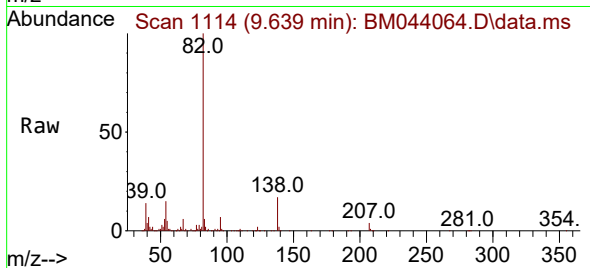
Tgt Ion: 82 Resp: 264476

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.7 14.3 21.5



#26

2-Nitrophenol

Concen: 3.081 ng

RT: 9.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

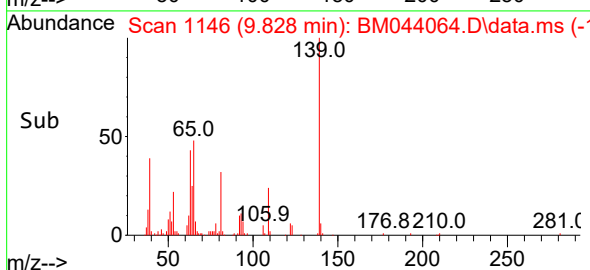
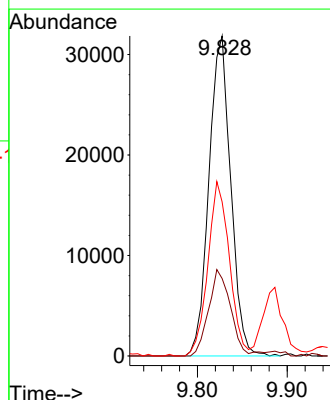
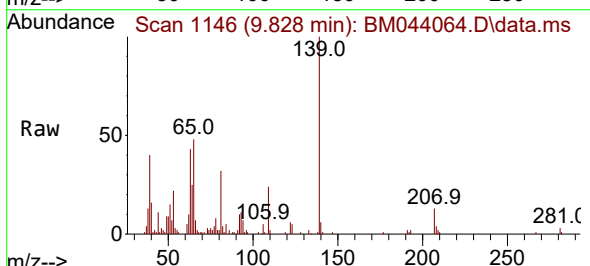
Tgt Ion: 139 Resp: 53753

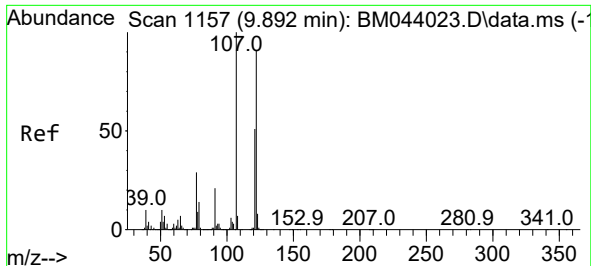
Ion Ratio Lower Upper

139 100

109 24.2 21.2 31.8

65 48.1 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 4.337 ng

RT: 9.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

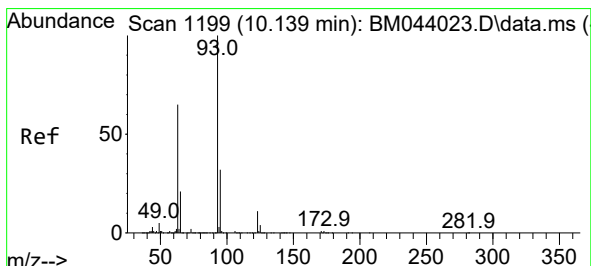
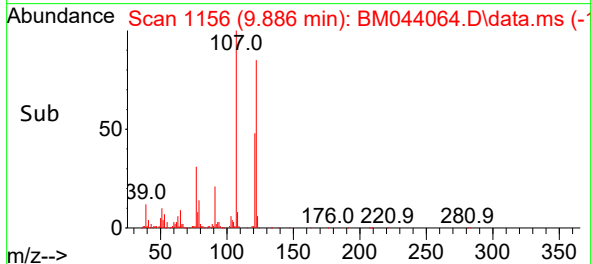
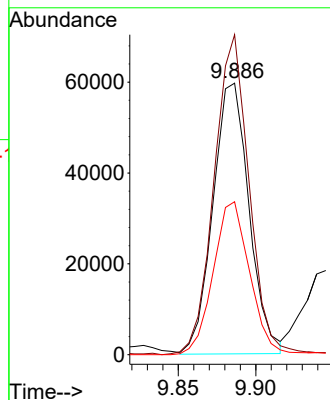
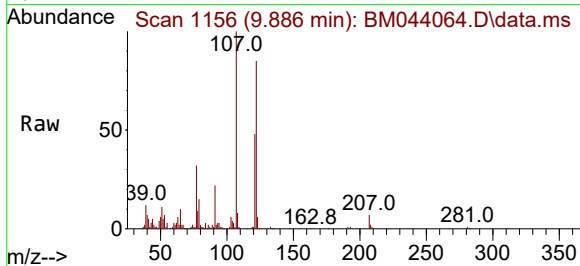
Tgt Ion:122 Resp: 96735

Ion Ratio Lower Upper

122 100

107 117.9 87.8 131.8

121 56.3 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 3.949 ng

RT: 10.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

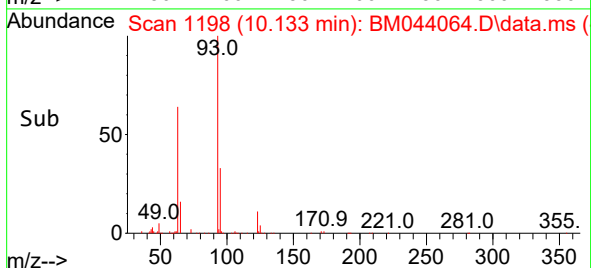
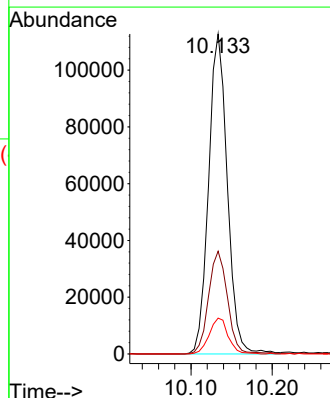
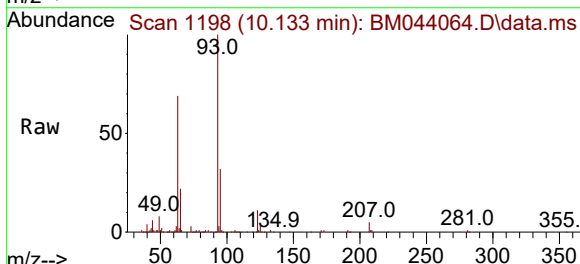
Tgt Ion: 93 Resp: 180685

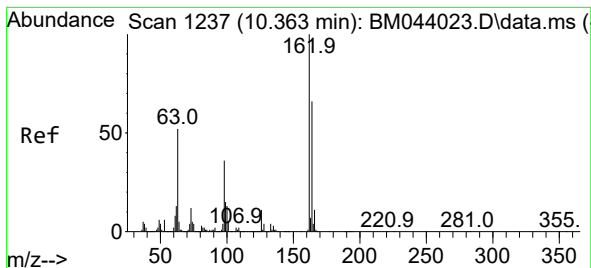
Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 3.472 ng

RT: 10.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

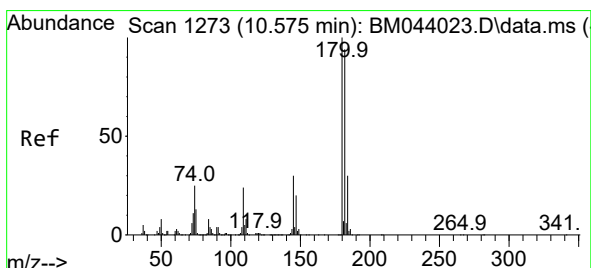
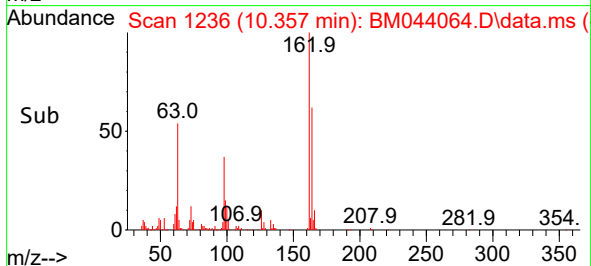
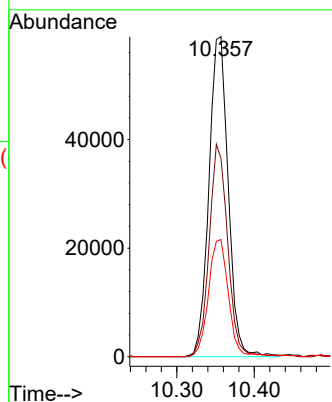
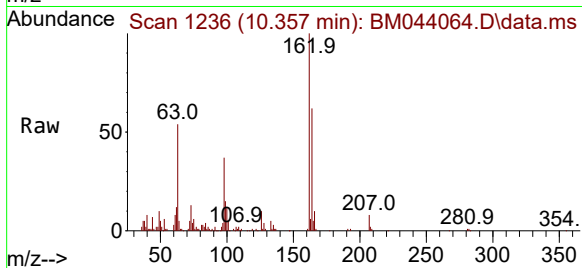
Tgt Ion:162 Resp: 101971

Ion Ratio Lower Upper

162 100

164 62.0 46.1 86.1

98 36.6 15.9 55.9



#30

1,2,4-Trichlorobenzene

Concen: 3.507 ng

RT: 10.569 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

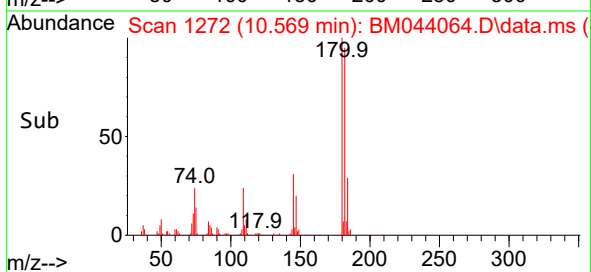
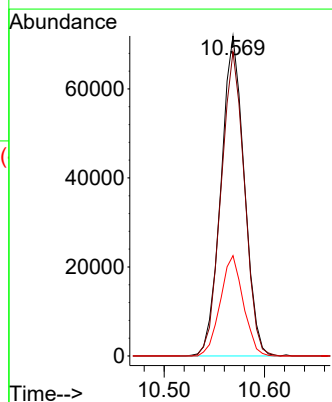
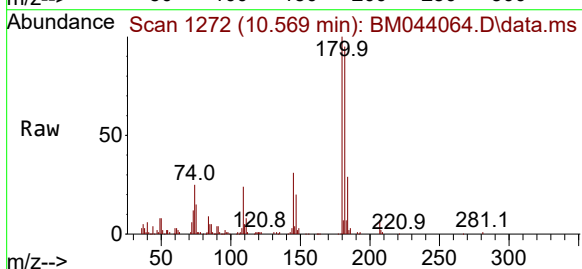
Tgt Ion:180 Resp: 115812

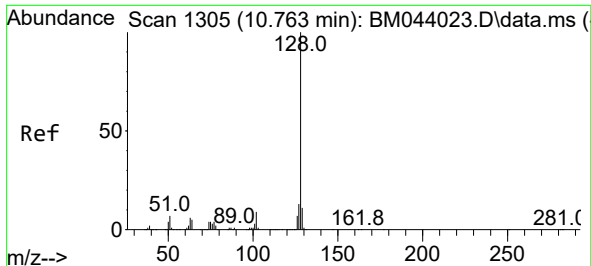
Ion Ratio Lower Upper

180 100

182 95.0 75.2 112.8

145 31.3 24.3 36.5

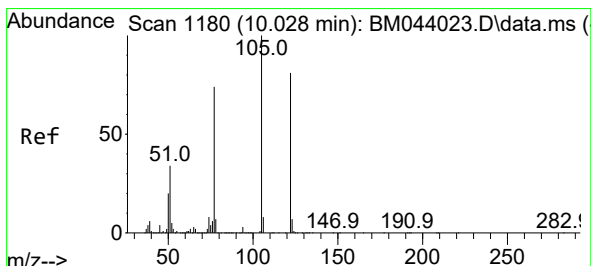
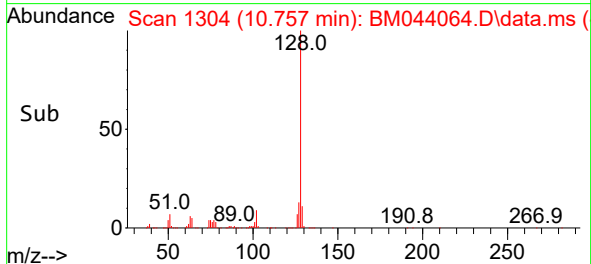
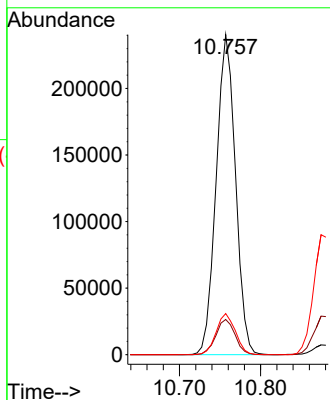
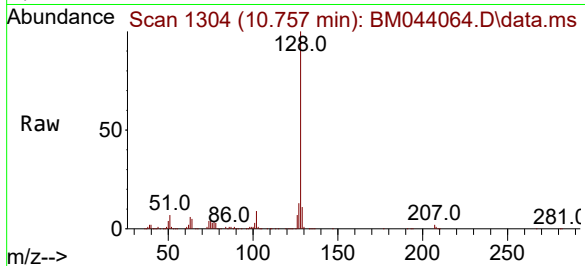




#31  
Naphthalene  
Concen: 3.692 ng  
RT: 10.757 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

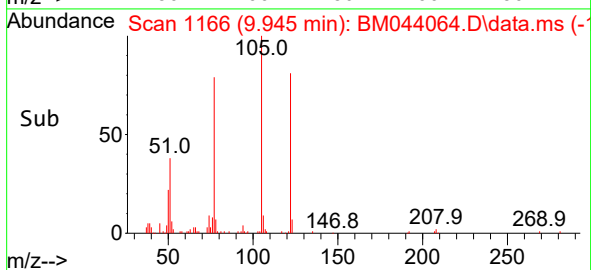
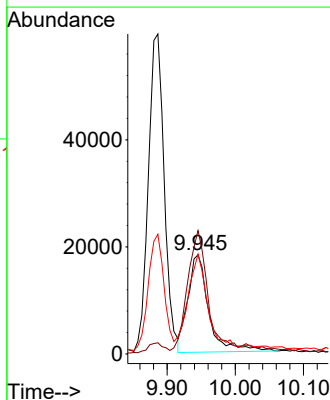
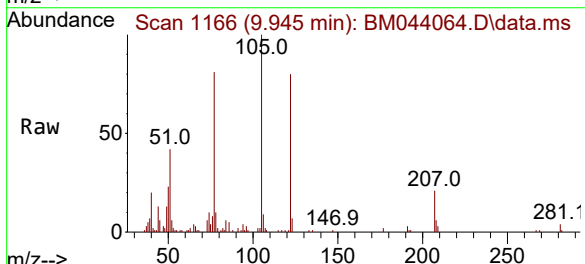
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

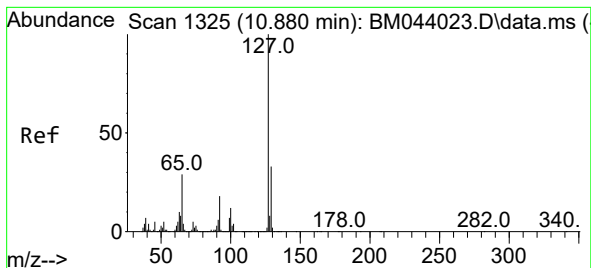
Tgt Ion:128 Resp: 397317  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.4  
127 12.8 10.3 15.5



#32  
Benzoic acid  
Concen: 1.727 ng  
RT: 9.945 min Scan# 1166  
Delta R.T. -0.083 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:122 Resp: 38805  
Ion Ratio Lower Upper  
122 100  
105 124.3 100.1 140.1  
77 100.5 69.6 109.6





#33

4-Chloroaniline

Concen: 3.943 ng

RT: 10.874 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:127 Resp: 160662

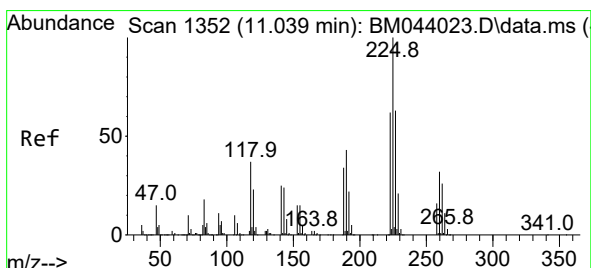
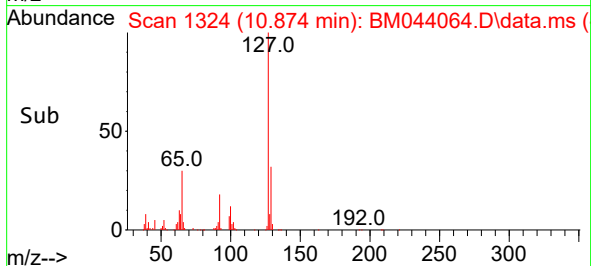
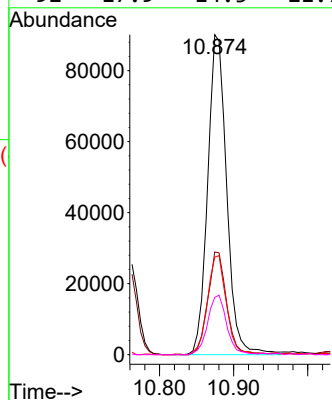
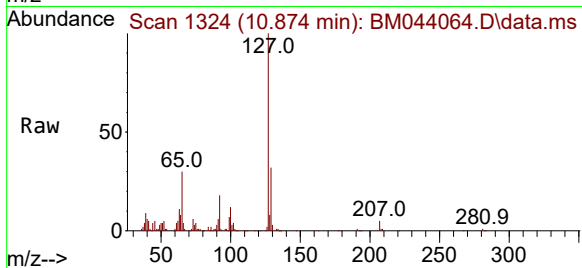
Ion Ratio Lower Upper

127 100

129 32.1 26.0 39.0

65 30.5 23.0 34.6

92 17.9 14.5 21.7



#34

Hexachlorobutadiene

Concen: 3.380 ng

RT: 11.033 min Scan# 1351

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

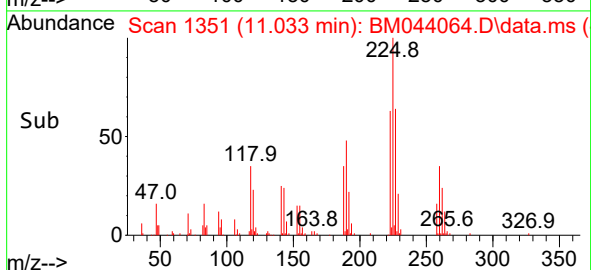
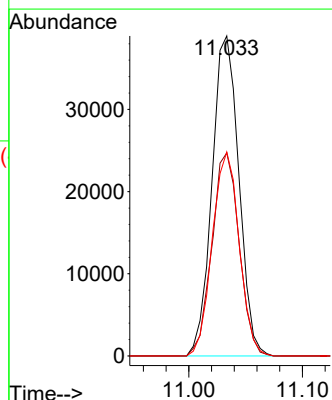
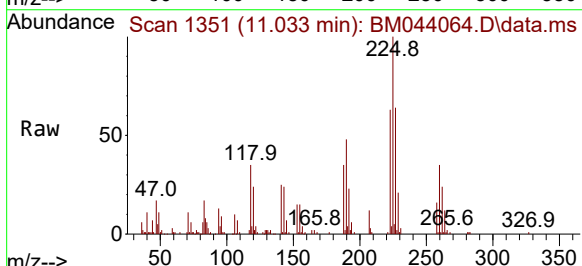
Tgt Ion:225 Resp: 63881

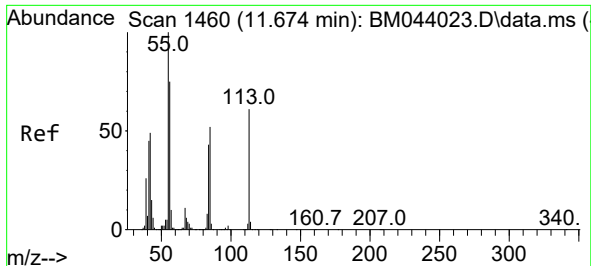
Ion Ratio Lower Upper

225 100

223 63.5 49.9 74.9

227 63.8 50.6 76.0

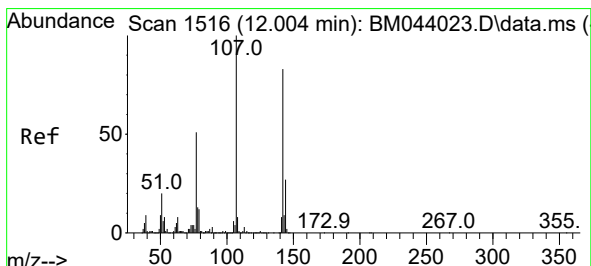
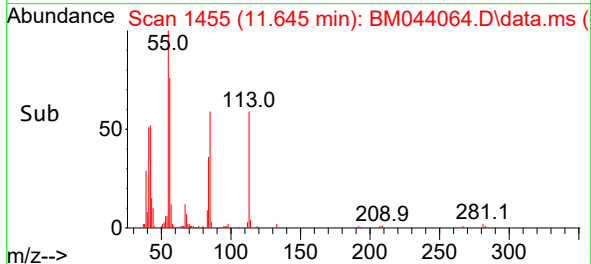
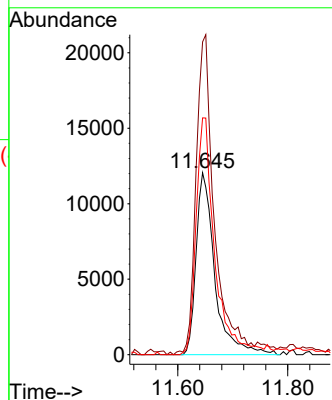
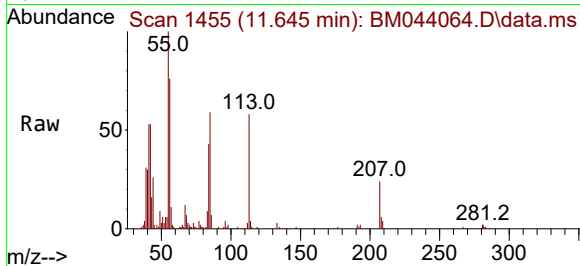




#35  
Caprolactam  
Concen: 3.020 ng  
RT: 11.645 min Scan# 1460  
Delta R.T. -0.029 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

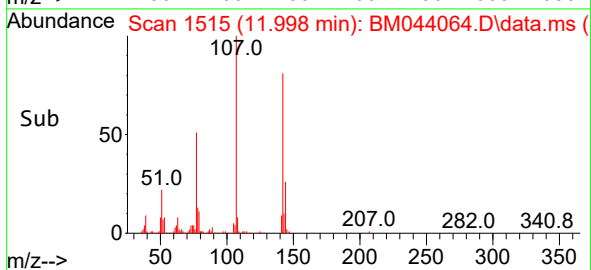
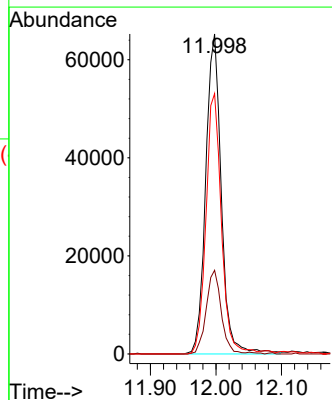
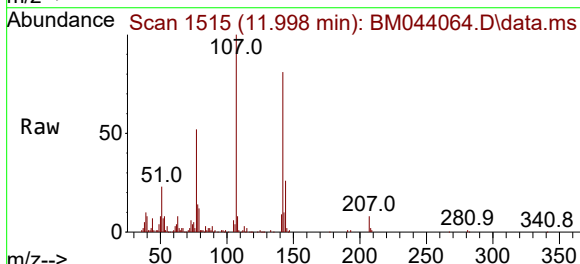
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

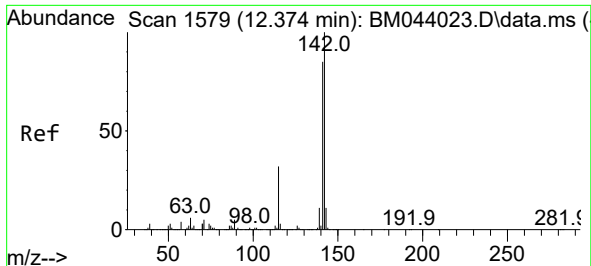
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 28535 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 171.9 | 145.6 | 185.6 |
| 56       | 130.2 | 103.3 | 143.3 |



#36  
4-Chloro-3-methylphenol  
Concen: 3.397 ng  
RT: 11.998 min Scan# 1515  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 108030 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 26.2  | 21.3  | 31.9   |
| 142      | 81.3  | 66.2  | 99.4   |

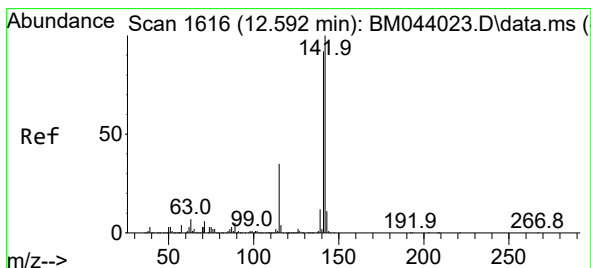
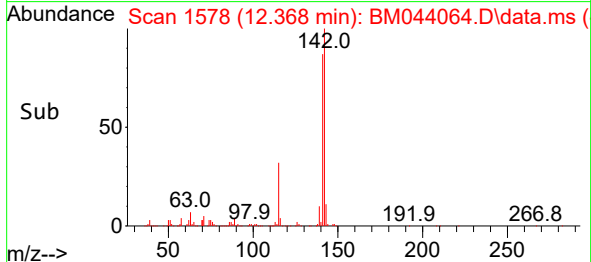
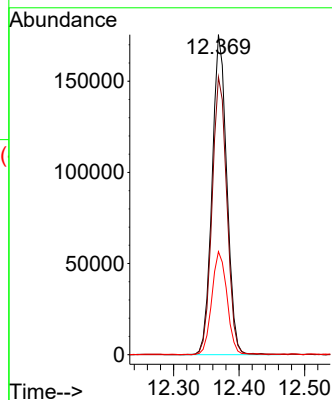
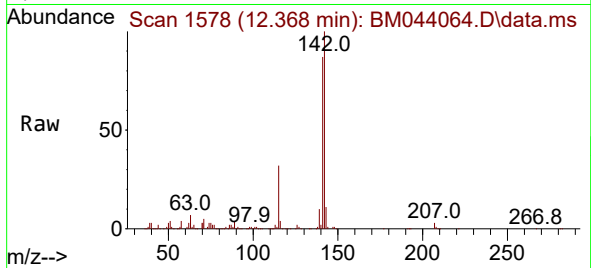




#37  
2-Methylnaphthalene  
Concen: 3.828 ng  
RT: 12.368 min Scan# 1578  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

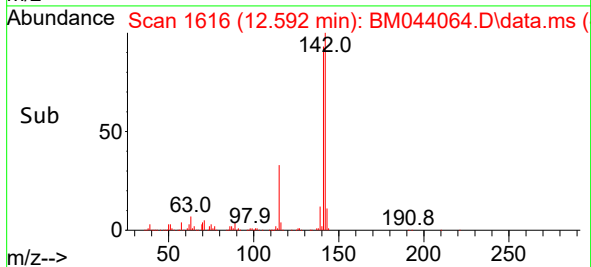
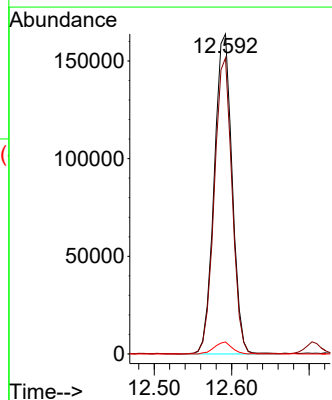
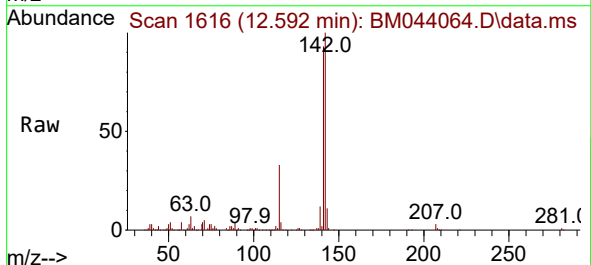
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-03-QT1-2024

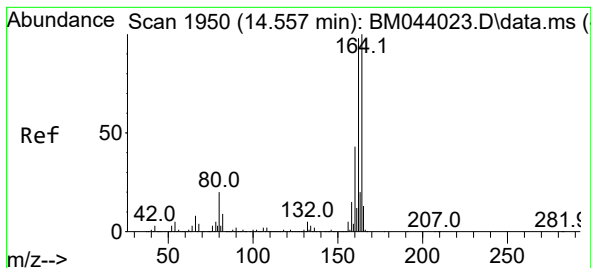
Tgt Ion:142 Resp: 274380  
Ion Ratio Lower Upper  
142 100  
141 86.7 68.3 102.5  
115 32.2 25.7 38.5



#38  
1-Methylnaphthalene  
Concen: 3.732 ng  
RT: 12.592 min Scan# 1616  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:142 Resp: 262876  
Ion Ratio Lower Upper  
142 100  
141 92.5 73.4 110.0  
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

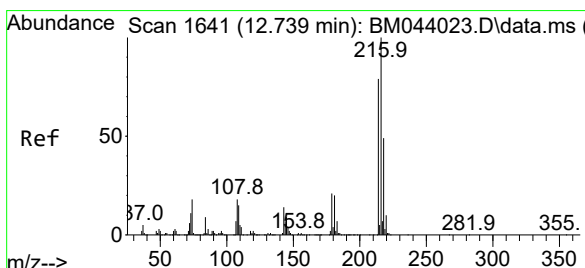
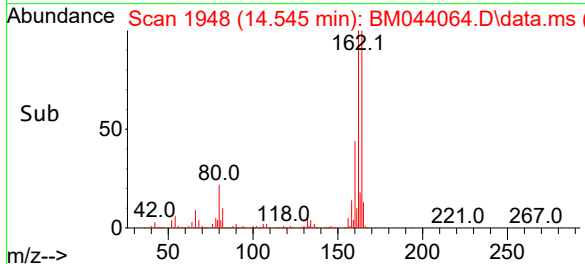
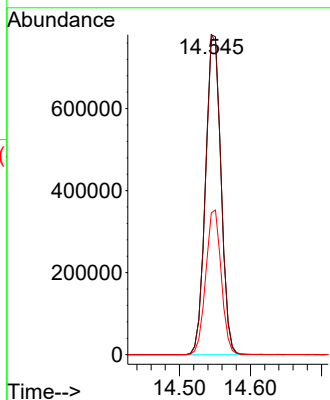
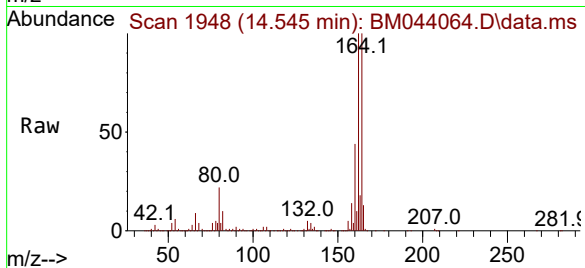
Tgt Ion:164 Resp: 1185302

Ion Ratio Lower Upper

164 100

162 99.9 78.4 117.6

160 44.4 34.6 51.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.806 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Tgt Ion:216 Resp: 131134

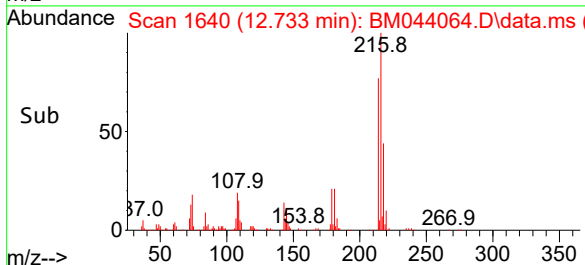
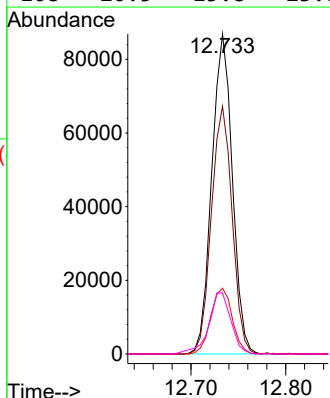
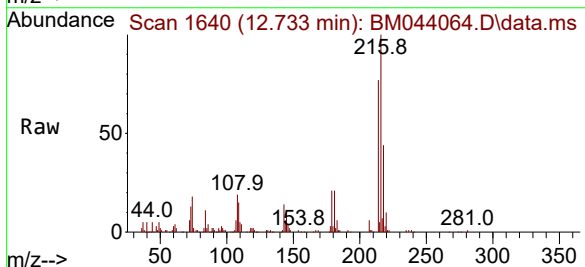
Ion Ratio Lower Upper

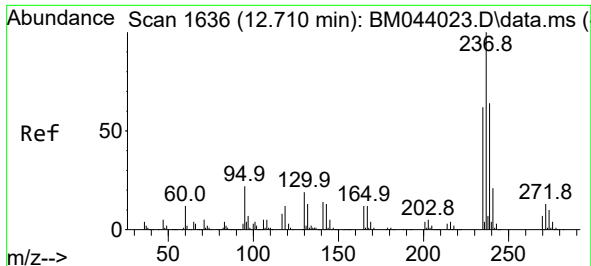
216 100

214 77.9 63.1 94.7

179 21.4 17.0 25.6

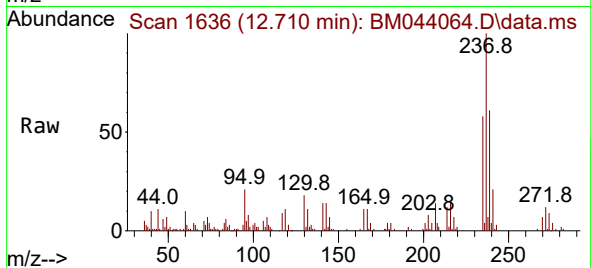
108 20.5 15.8 23.8



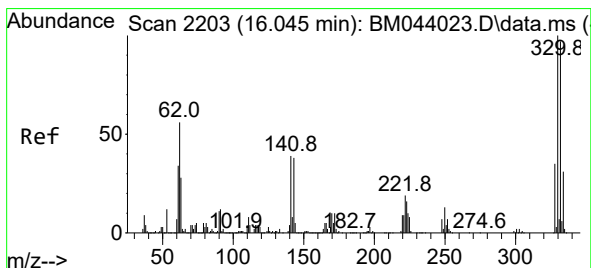
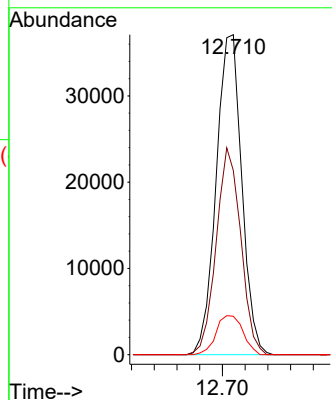
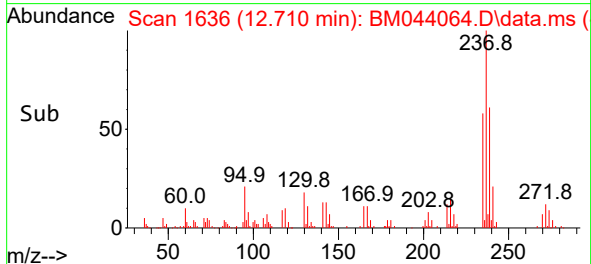


#41  
Hexachlorocyclopentadiene  
Concen: 3.858 ng  
RT: 12.710 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

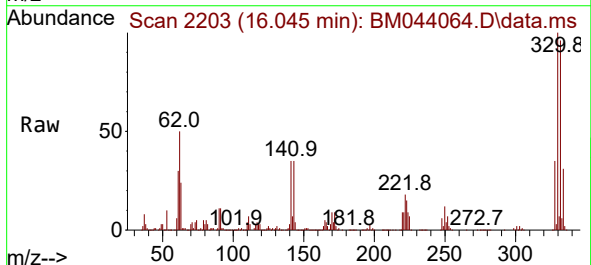
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024



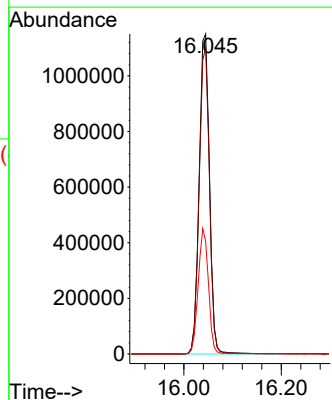
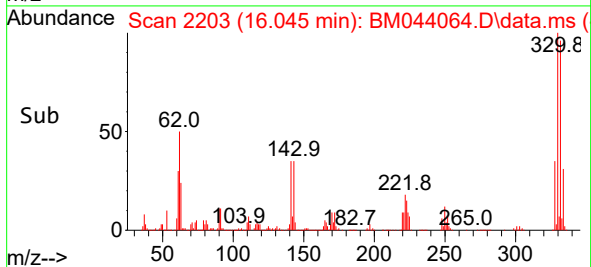
Tgt Ion:237 Resp: 58014  
Ion Ratio Lower Upper  
237 100  
235 57.5 42.4 82.4  
272 12.0 0.0 33.3

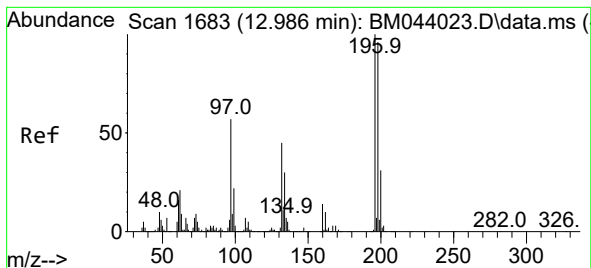


#42  
2,4,6-Tribromophenol  
Concen: 132.972 ng  
RT: 16.045 min Scan# 2203  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31



Tgt Ion:330 Resp: 1706502  
Ion Ratio Lower Upper  
330 100  
332 95.5 77.7 116.5  
141 38.9 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 3.066 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

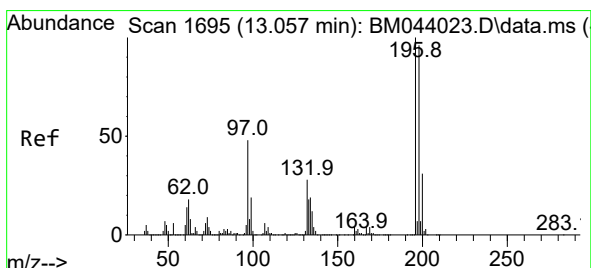
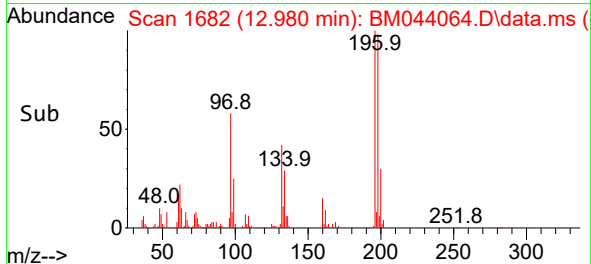
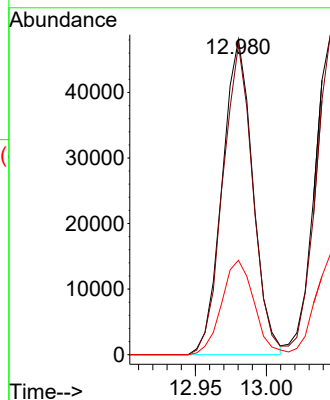
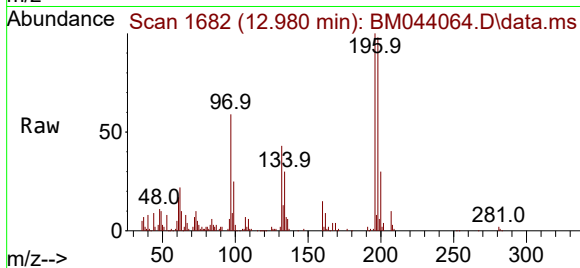
Tgt Ion:196 Resp: 71887

Ion Ratio Lower Upper

196 100

198 98.4 76.8 115.2

200 30.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 3.174 ng

RT: 13.045 min Scan# 1693

Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Tgt Ion:196 Resp: 81675

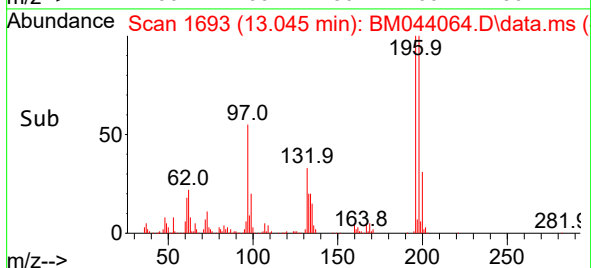
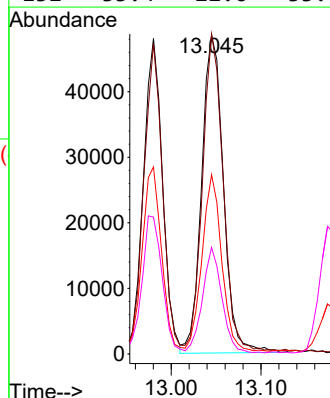
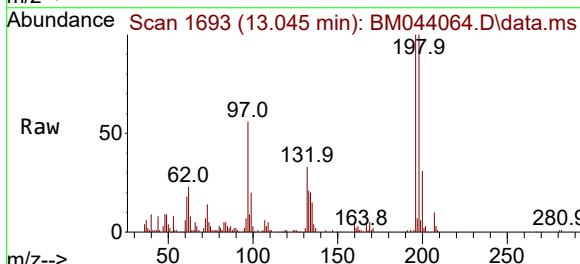
Ion Ratio Lower Upper

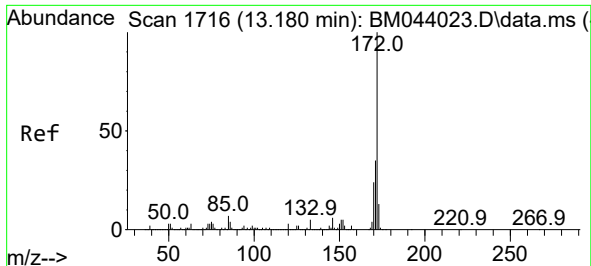
196 100

198 100.3 76.9 115.3

97 56.1 39.0 58.4

132 33.4 22.6 33.8

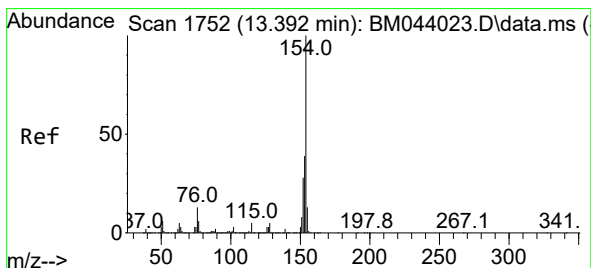
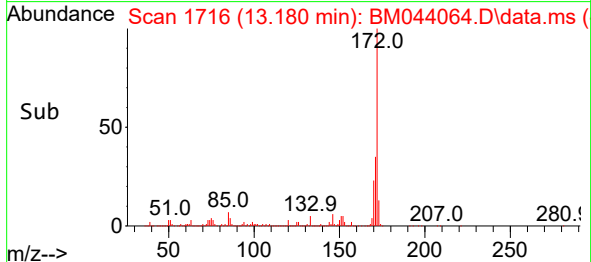
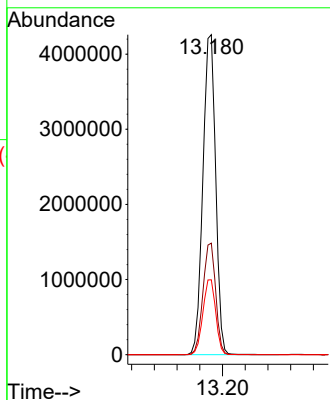
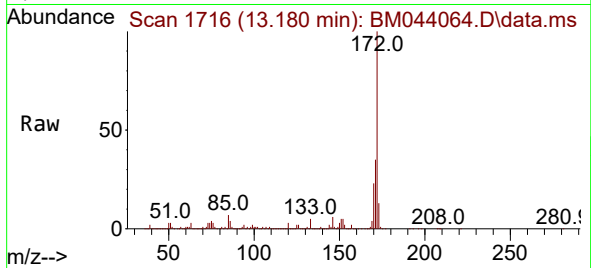




#45  
2-Fluorobiphenyl  
Concen: 78.839 ng  
RT: 13.180 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

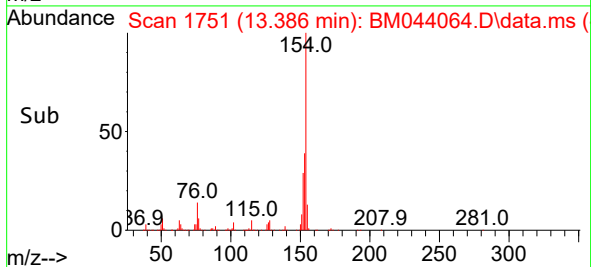
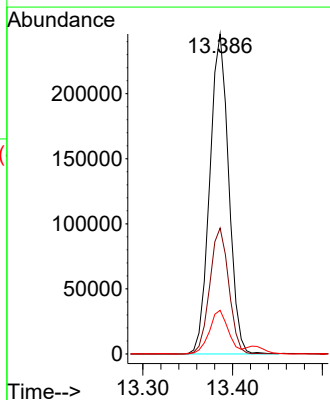
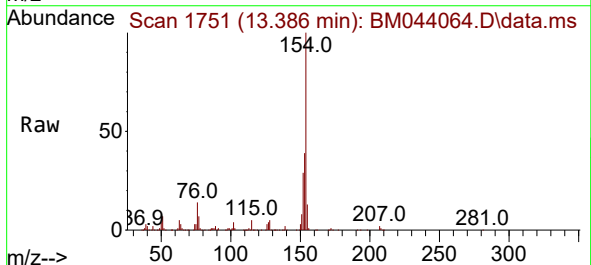
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-03-QT1-2024

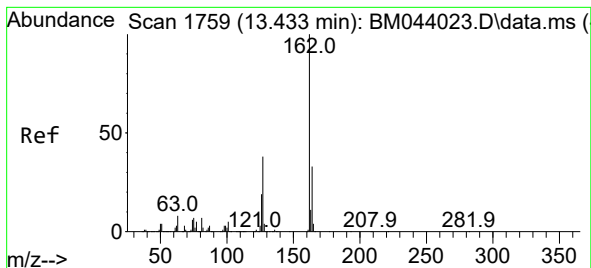
Tgt Ion:172 Resp: 6621344  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.9 41.9  
170 23.4 19.0 28.4



#46  
1,1'-Biphenyl  
Concen: 3.850 ng  
RT: 13.386 min Scan# 1751  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:154 Resp: 360129  
Ion Ratio Lower Upper  
154 100  
153 39.4 19.4 59.4  
76 13.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 3.710 ng

RT: 13.421 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

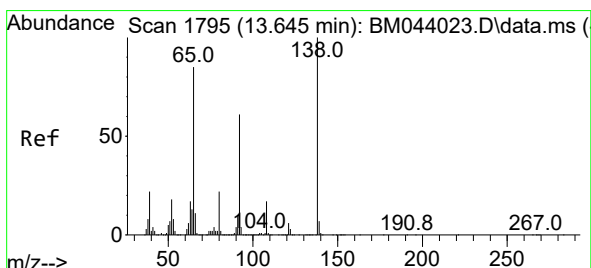
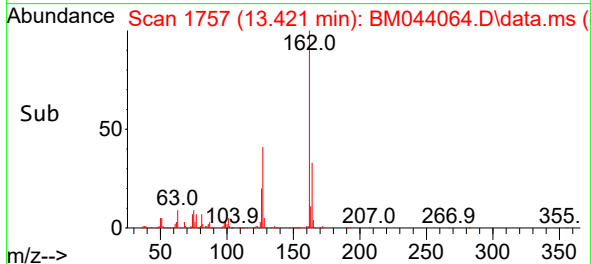
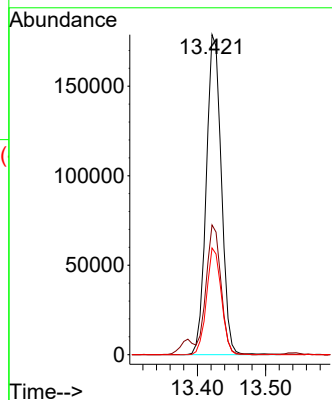
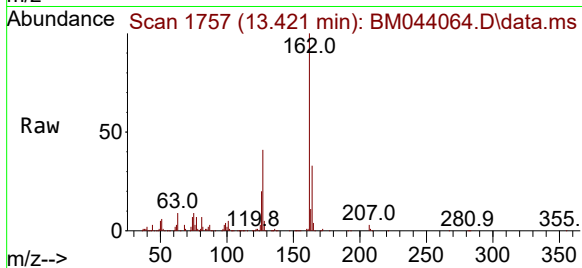
Tgt Ion:162 Resp: 274833

Ion Ratio Lower Upper

162 100

127 40.6 30.9 46.3

164 33.4 26.4 39.6



#48

2-Nitroaniline

Concen: 3.091 ng

RT: 13.633 min Scan# 1793

Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

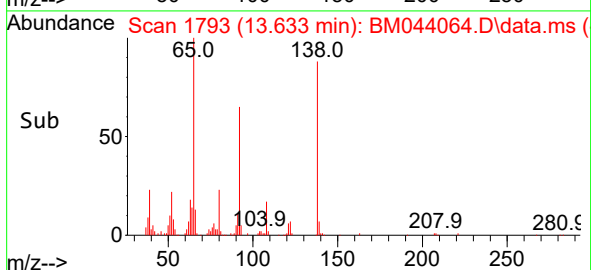
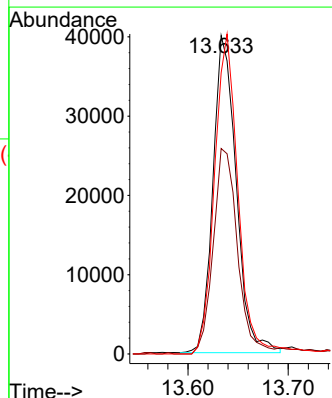
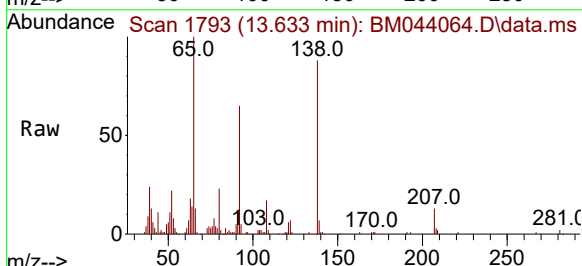
Tgt Ion: 65 Resp: 64431

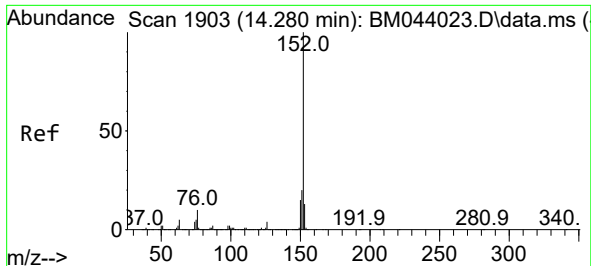
Ion Ratio Lower Upper

65 100

92 64.5 58.1 87.1

138 88.3 94.6 142.0#

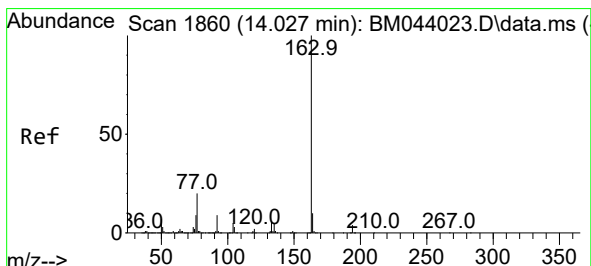
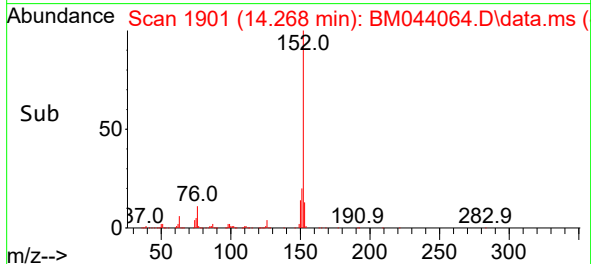
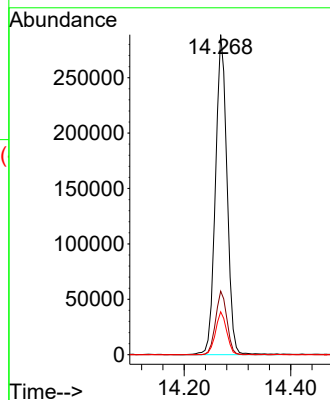
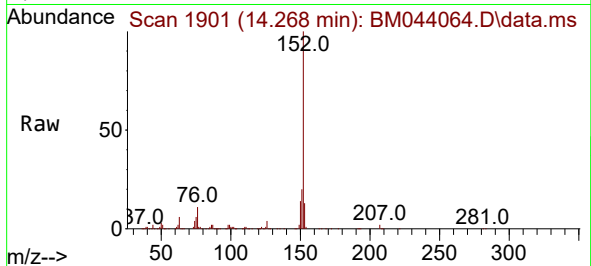




#49  
Acenaphthylene  
Concen: 3.922 ng  
RT: 14.268 min Scan# 1901  
Delta R.T. -0.012 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

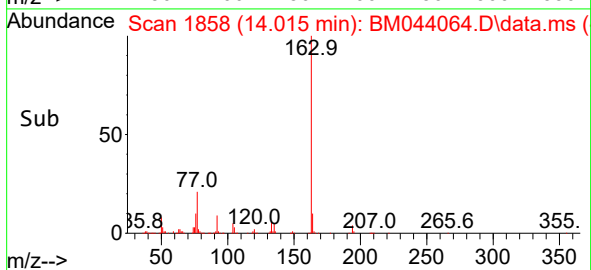
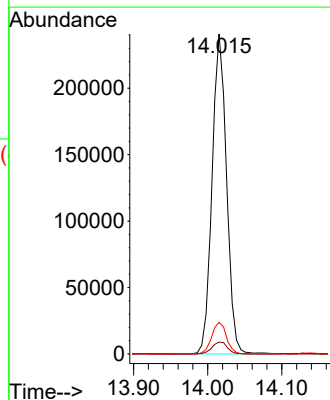
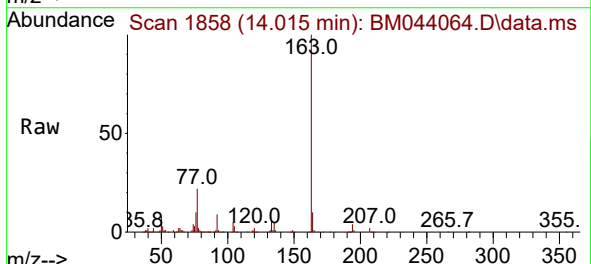
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

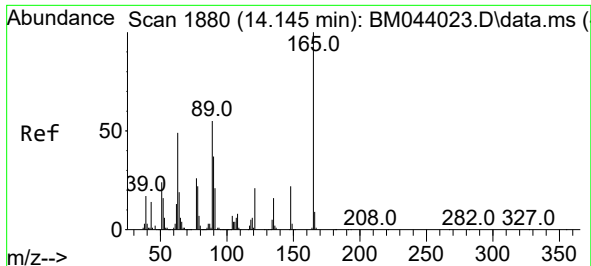
Tgt Ion:152 Resp: 433551  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.8 23.6  
153 13.4 10.5 15.7



#50  
Dimethylphthalate  
Concen: 3.717 ng  
RT: 14.015 min Scan# 1858  
Delta R.T. -0.012 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:163 Resp: 326706  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.1 4.7  
164 9.9 8.2 12.2

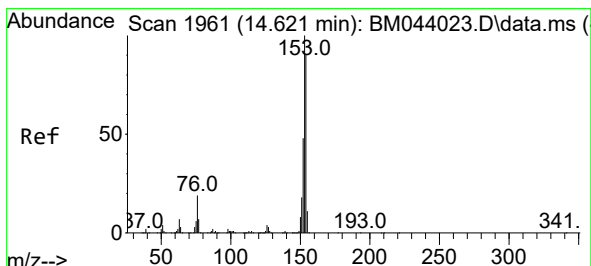
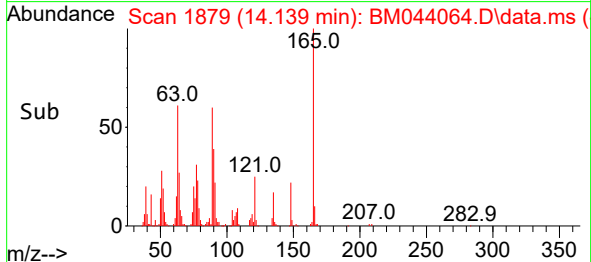
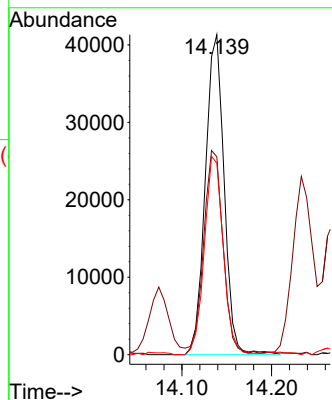
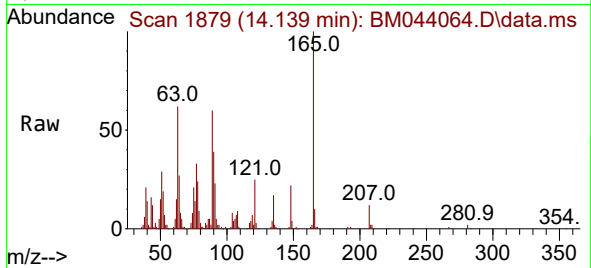




#51  
2,6-Dinitrotoluene  
Concen: 3.097 ng  
RT: 14.139 min Scan# 1880  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

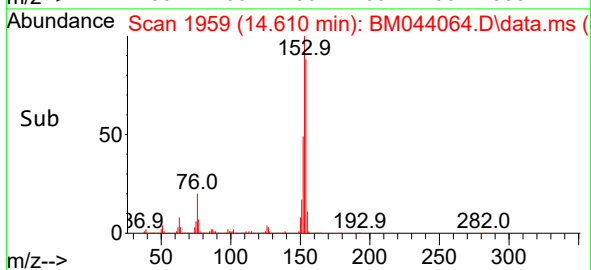
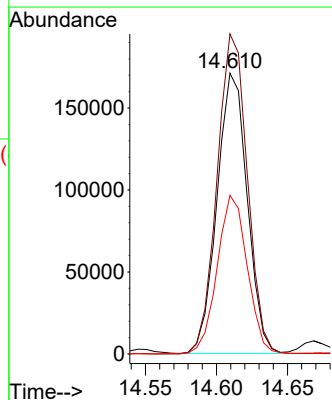
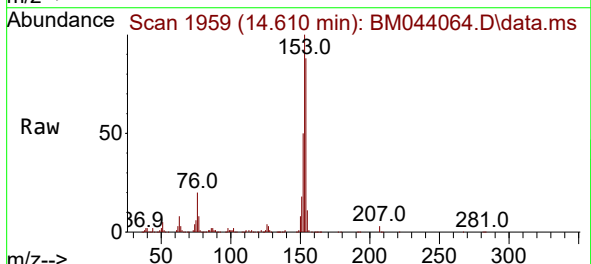
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

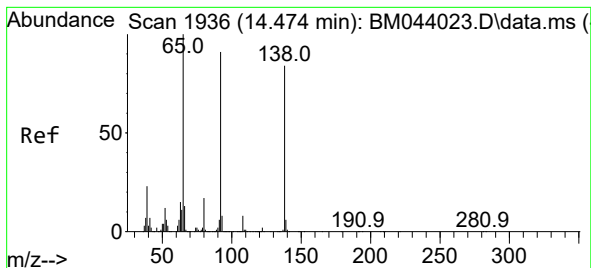
Tgt Ion:165 Resp: 60040  
Ion Ratio Lower Upper  
165 100  
63 61.8 43.5 65.3  
89 59.9 44.4 66.6



#52  
Acenaphthene  
Concen: 3.703 ng  
RT: 14.610 min Scan# 1959  
Delta R.T. -0.012 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:154 Resp: 253327  
Ion Ratio Lower Upper  
154 100  
153 113.9 89.3 133.9  
152 56.5 43.0 64.6

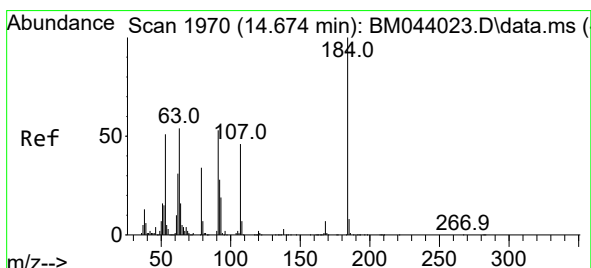
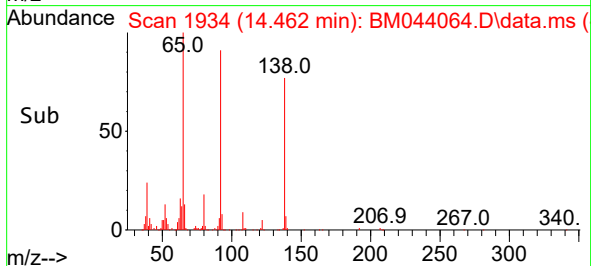
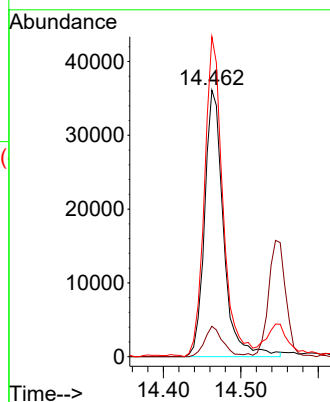
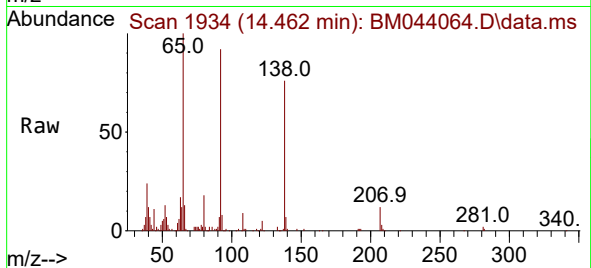




#53  
3-Nitroaniline  
Concen: 2.928 ng  
RT: 14.462 min Scan# 1936  
Delta R.T. -0.012 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

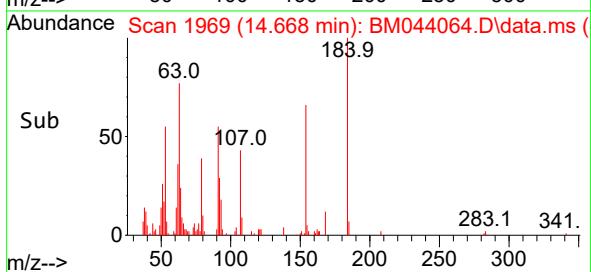
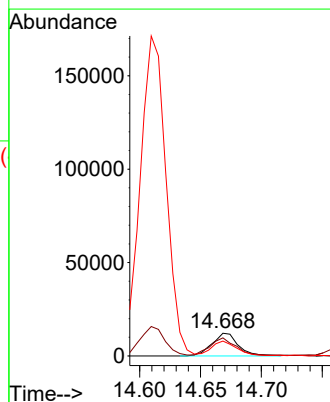
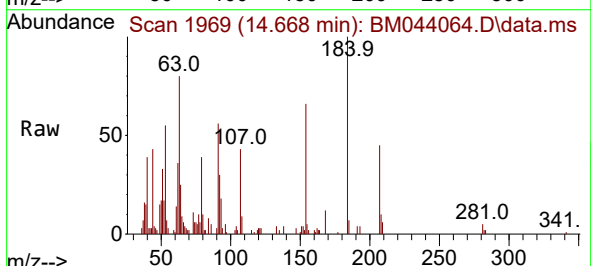
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

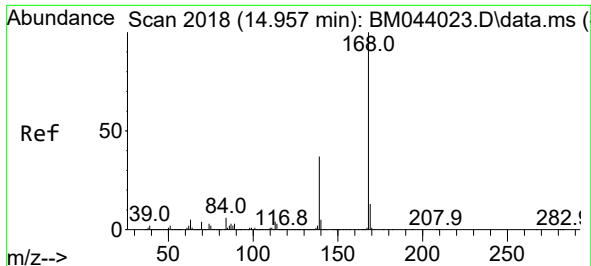
Tgt Ion:138 Resp: 61003  
Ion Ratio Lower Upper  
138 100  
108 11.4 7.6 11.4#  
92 120.0 86.5 129.7



#54  
2,4-Dinitrophenol  
Concen: 7.051 ng  
RT: 14.668 min Scan# 1969  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:184 Resp: 18309  
Ion Ratio Lower Upper  
184 100  
63 79.6 55.4 83.2  
154 65.6 49.2 73.8

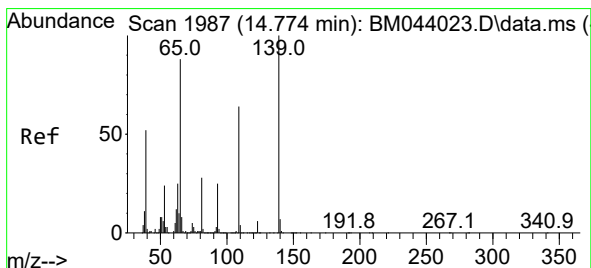
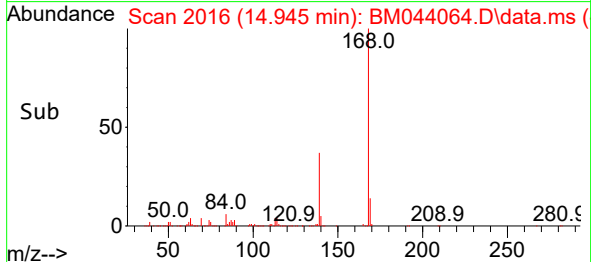
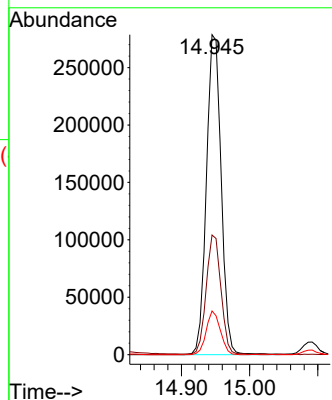
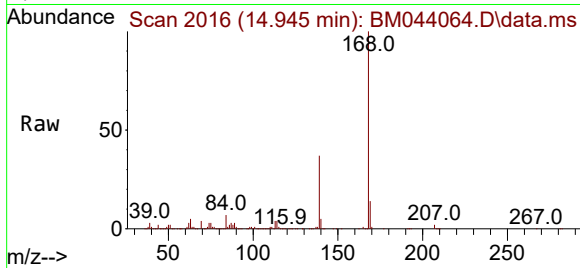




#55  
Dibenzenofuran  
Concen: 3.961 ng  
RT: 14.945 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

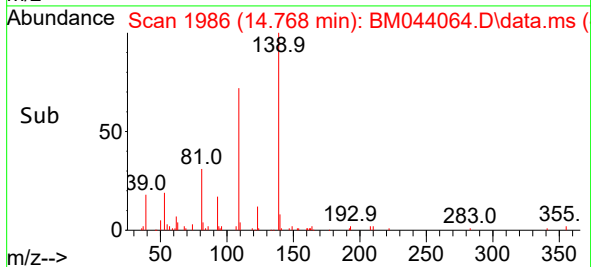
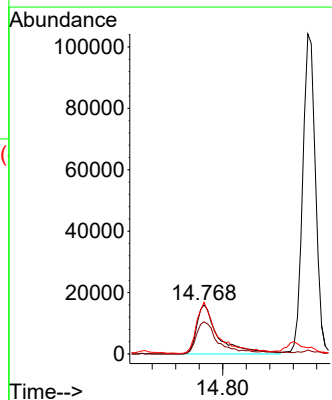
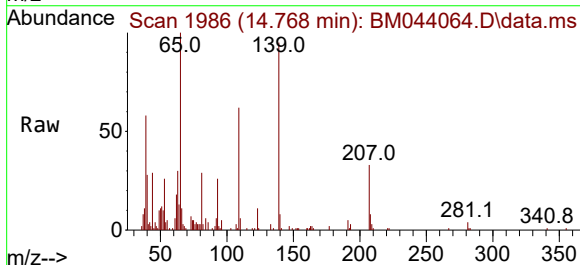
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-03-QT1-2024

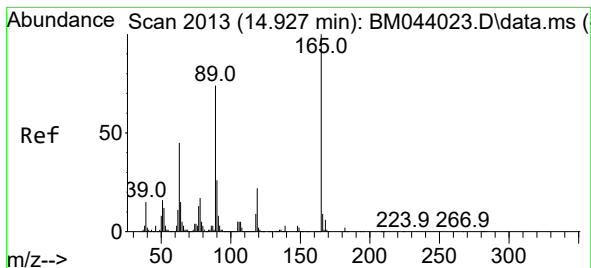
Tgt Ion:168 Resp: 419385  
Ion Ratio Lower Upper  
168 100  
139 37.4 29.6 44.4  
169 13.7 10.5 15.7



#56  
4-Nitrophenol  
Concen: 2.425 ng  
RT: 14.768 min Scan# 1986  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:139 Resp: 41080  
Ion Ratio Lower Upper  
139 100  
109 65.3 43.8 83.8  
65 105.0 67.7 107.7





#57

2,4-Dinitrotoluene

Concen: 2.748 ng

RT: 14.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:165 Resp: 69652

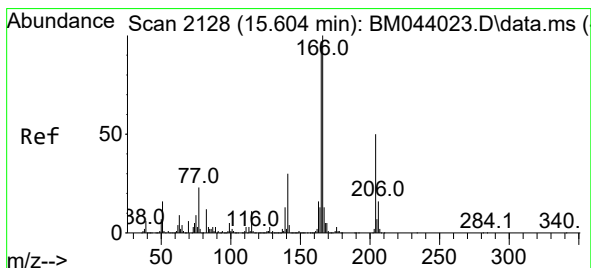
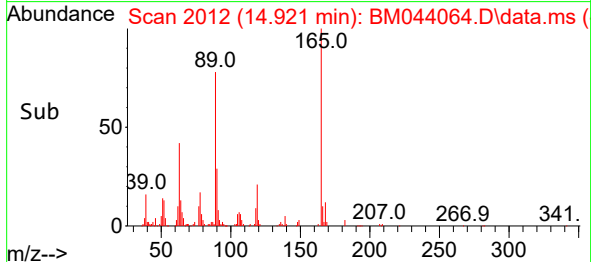
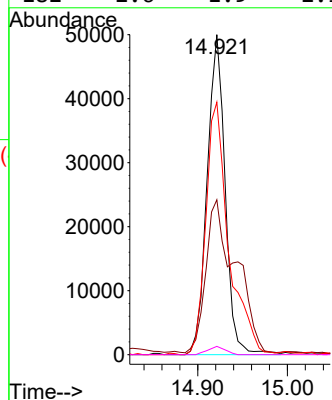
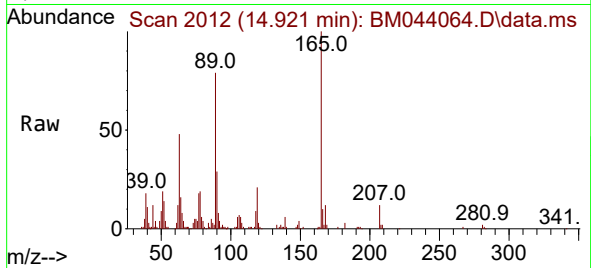
Ion Ratio Lower Upper

165 100

63 48.4 35.9 53.9

89 78.9 58.9 88.3

182 2.6 1.9 2.9



#58

Fluorene

Concen: 3.895 ng

RT: 15.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

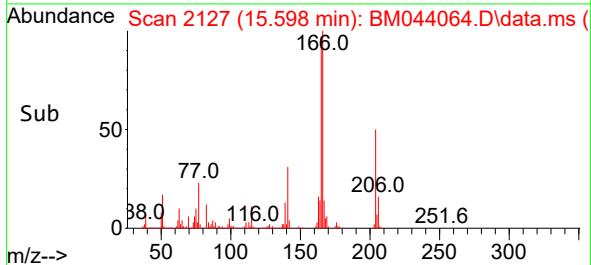
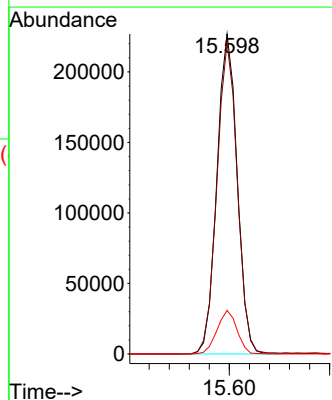
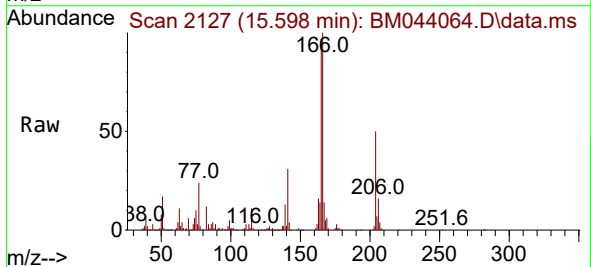
Tgt Ion:166 Resp: 318649

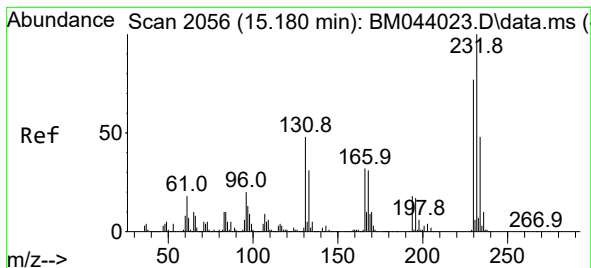
Ion Ratio Lower Upper

166 100

165 97.3 77.7 116.5

167 13.6 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.537 ng

RT: 15.174 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BM044064.D

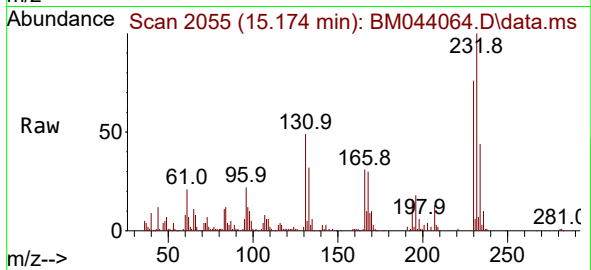
Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion:232 Resp: 71407

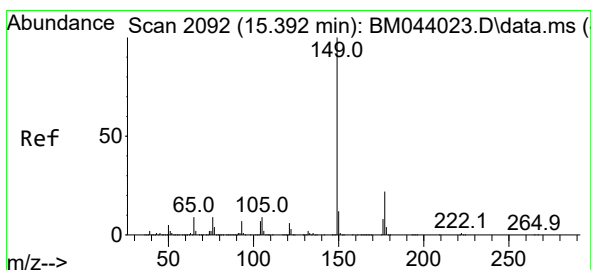
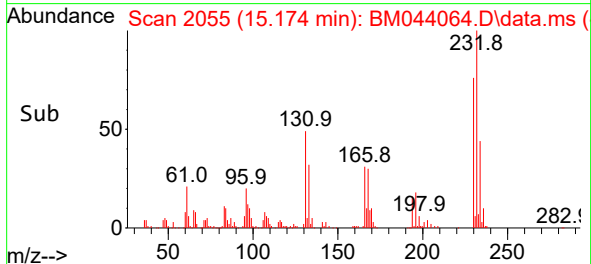
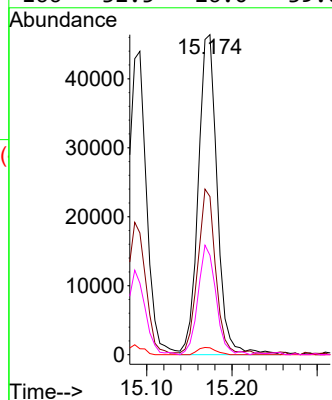
Ion Ratio Lower Upper

232 100

131 47.4 39.5 59.3

130 2.2 2.0 3.0

166 32.5 26.0 39.0



#60

Diethylphthalate

Concen: 3.462 ng

RT: 15.380 min Scan# 2090

Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

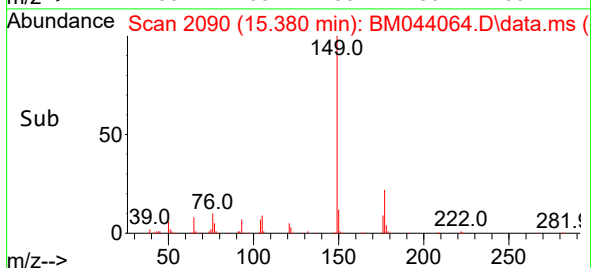
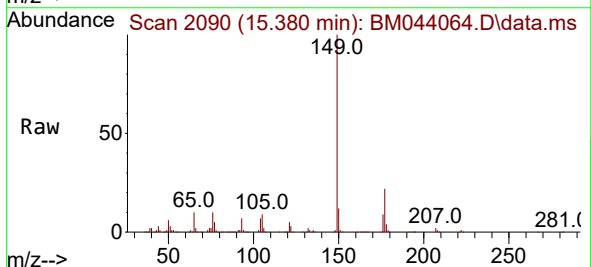
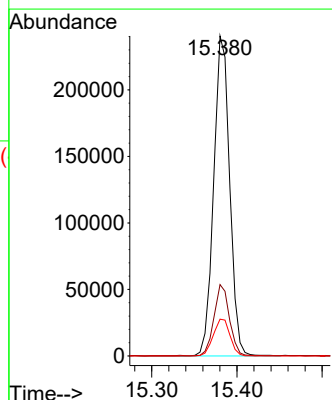
Tgt Ion:149 Resp: 314478

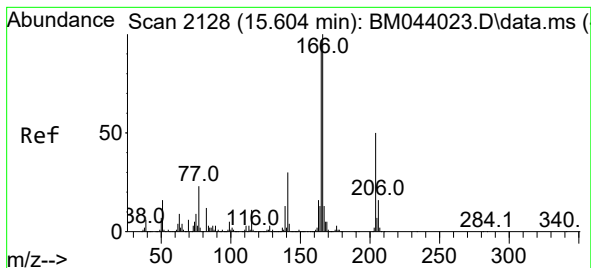
Ion Ratio Lower Upper

149 100

177 22.3 17.5 26.3

150 11.5 9.8 14.6

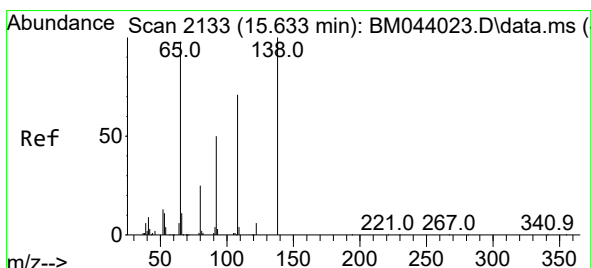
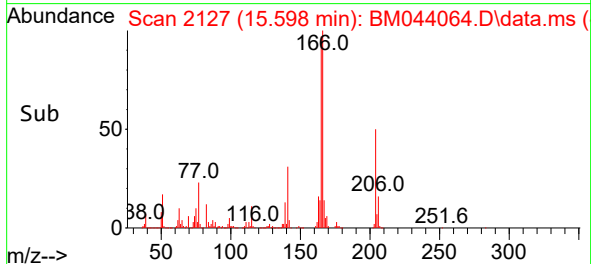
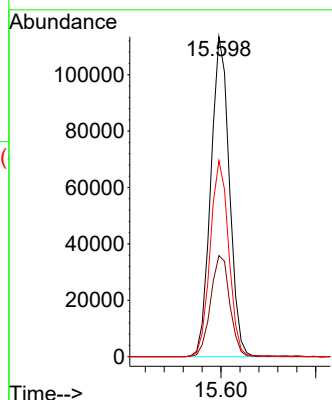
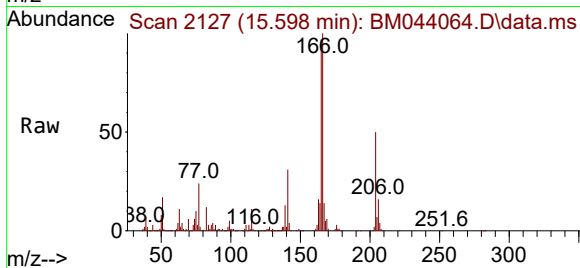




#61  
4-Chlorophenyl-phenylether  
Concen: 3.894 ng  
RT: 15.598 min Scan# 2127  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

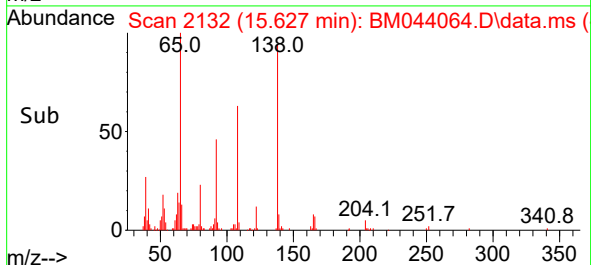
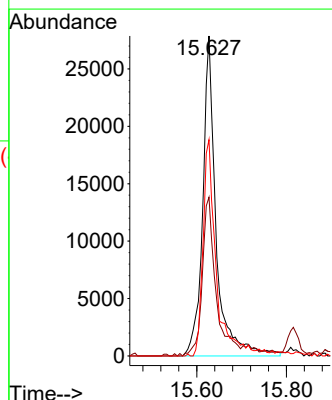
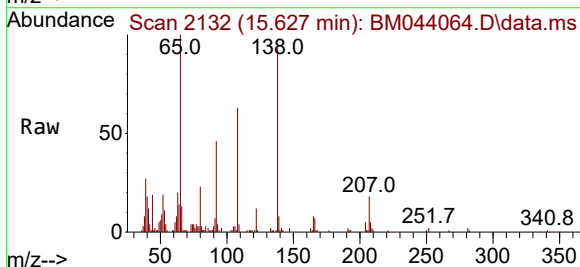
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

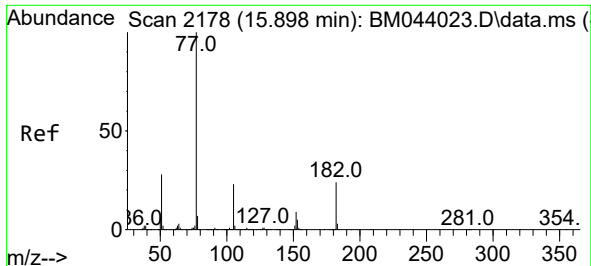
Tgt Ion:204 Resp: 154386  
Ion Ratio Lower Upper  
204 100  
206 31.6 26.3 39.5  
141 61.3 47.7 71.5



#62  
4-Nitroaniline  
Concen: 2.764 ng  
RT: 15.627 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:138 Resp: 57986  
Ion Ratio Lower Upper  
138 100  
92 49.6 29.6 69.6  
108 67.6 47.8 87.8

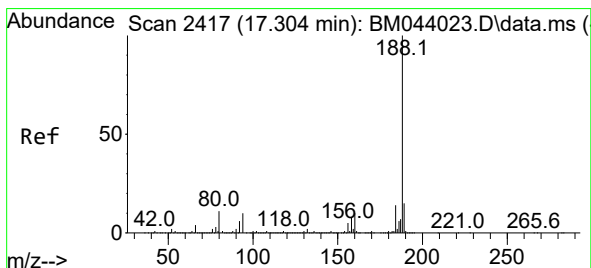
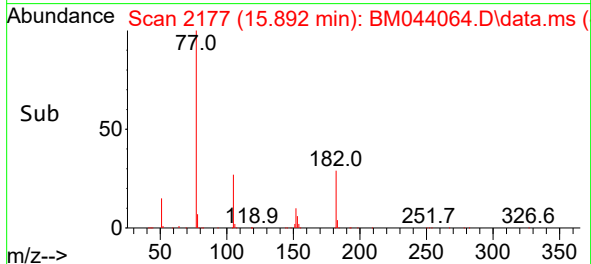
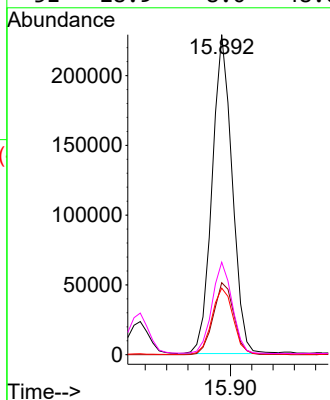
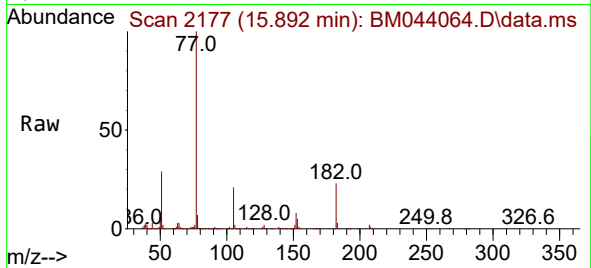




#63  
Azobenzene  
Concen: 3.505 ng  
RT: 15.892 min Scan# 2177  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

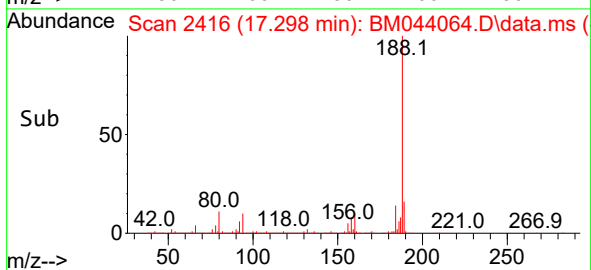
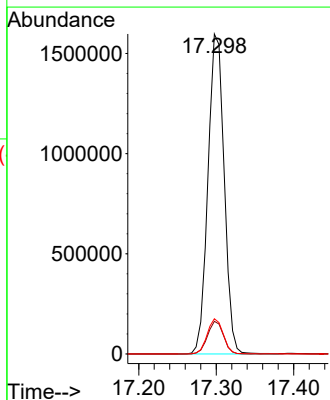
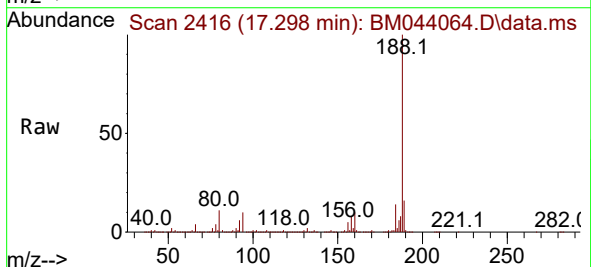
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

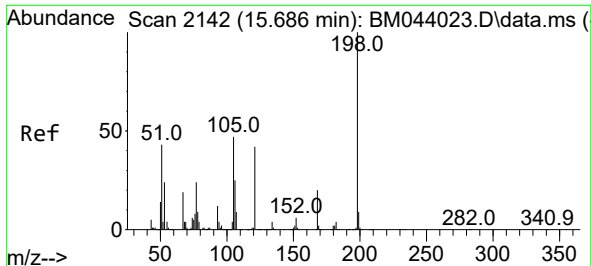
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 298683 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 22.5  | 4.0   | 44.0   |
| 105      | 20.8  | 3.3   | 43.3   |
| 51       | 28.9  | 8.0   | 48.0   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.298 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 188   | Resp: | 2326424 |
| Ion      | Ratio | Lower | Upper   |
| 188      | 100   |       |         |
| 94       | 10.2  | 8.2   | 12.2    |
| 80       | 11.0  | 8.8   | 13.2    |

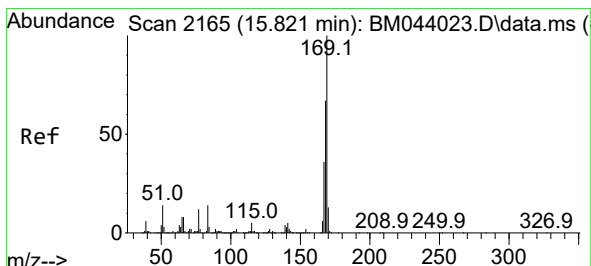
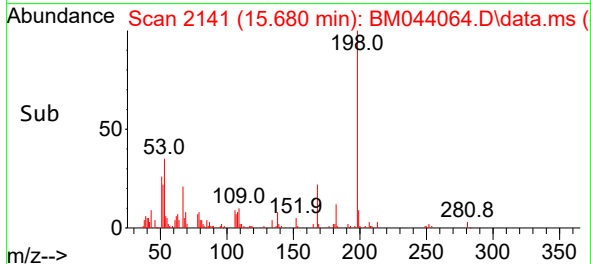
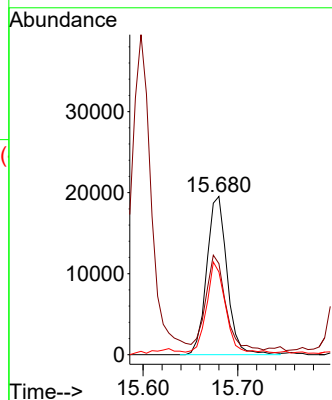
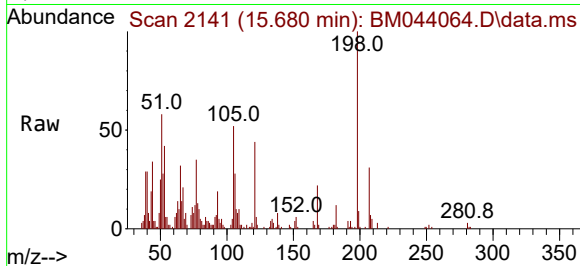




#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.101 ng  
RT: 15.680 min Scan# 2142  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

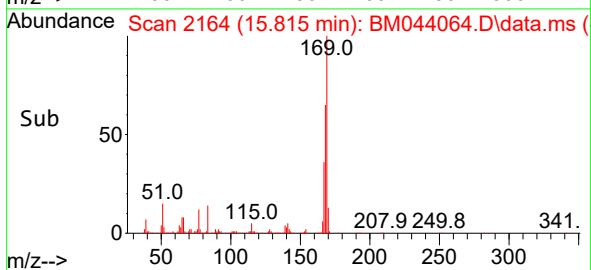
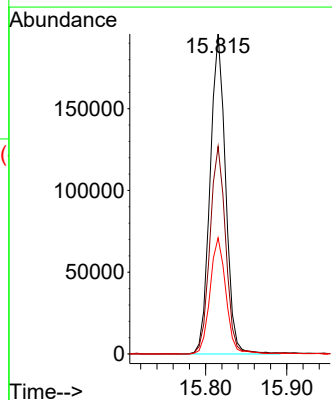
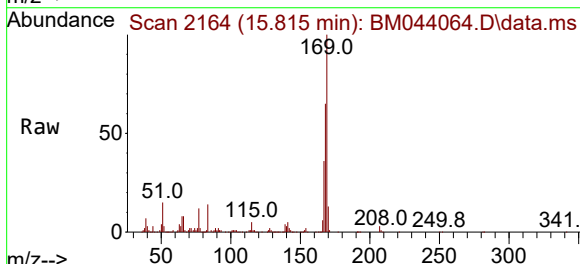
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

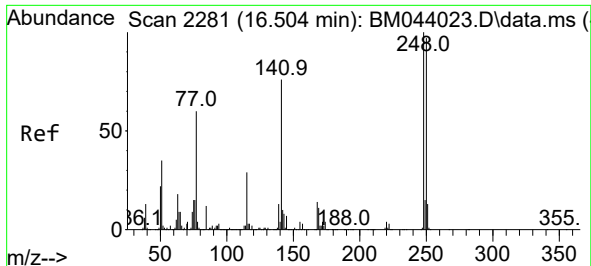
Tgt Ion:198 Resp: 29131  
Ion Ratio Lower Upper  
198 100  
51 57.5 29.9 69.9  
105 52.3 28.7 68.7



#66  
n-Nitrosodiphenylamine  
Concen: 3.668 ng  
RT: 15.815 min Scan# 2164  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:169 Resp: 259222  
Ion Ratio Lower Upper  
169 100  
168 64.8 53.8 80.8  
167 36.3 29.2 43.8

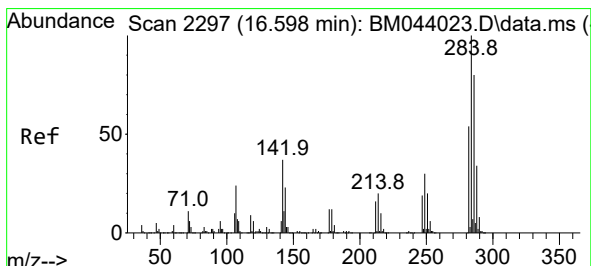
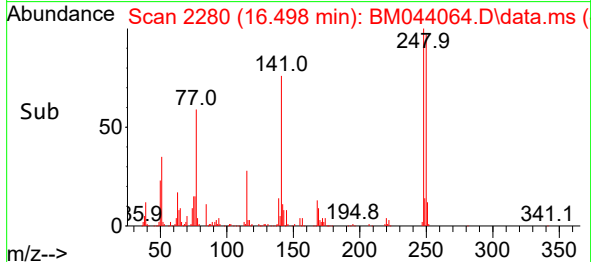
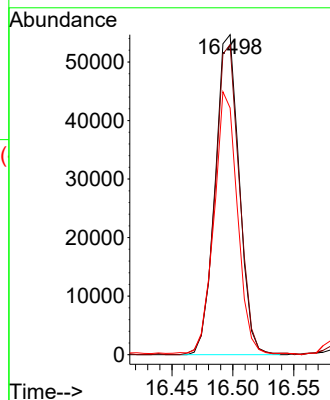
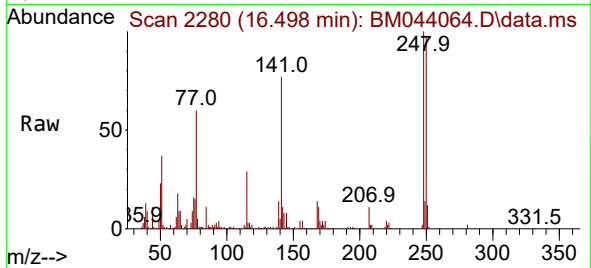




#67  
4-Bromophenyl-phenylether  
Concen: 3.260 ng  
RT: 16.498 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

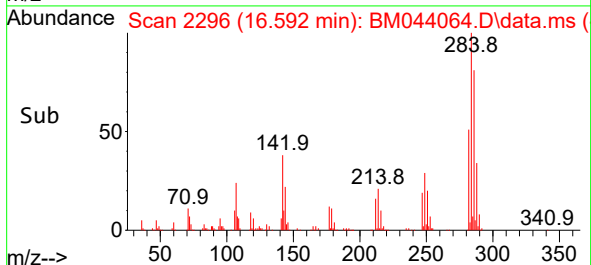
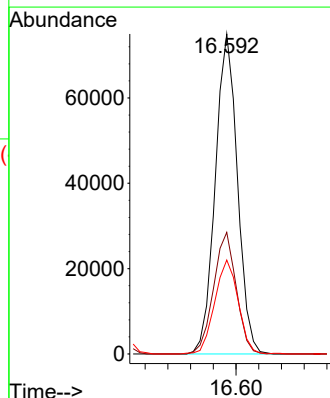
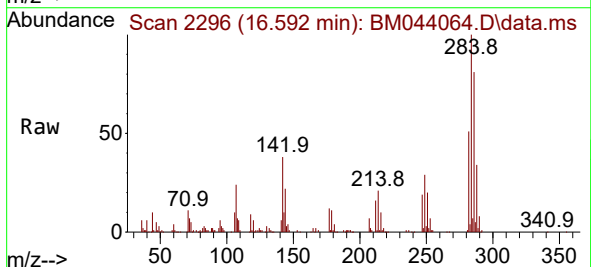
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

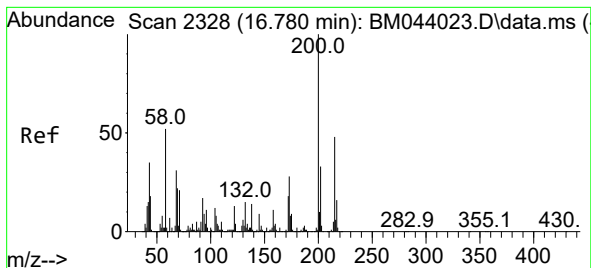
Tgt Ion:248 Resp: 74979  
Ion Ratio Lower Upper  
248 100  
250 96.8 77.4 116.2  
141 77.1 61.0 91.6



#68  
Hexachlorobenzene  
Concen: 3.607 ng  
RT: 16.592 min Scan# 2296  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:284 Resp: 101636  
Ion Ratio Lower Upper  
284 100  
142 38.0 30.0 45.0  
249 29.4 24.1 36.1





#69

Atrazine

Concen: 4.097 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

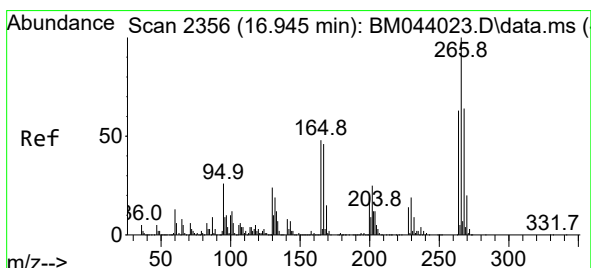
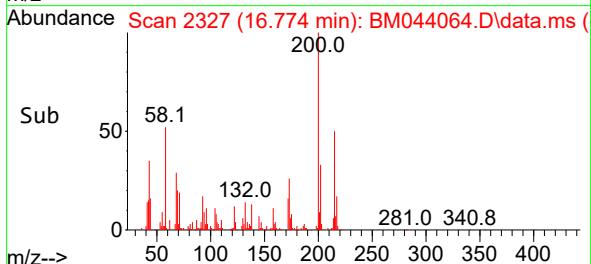
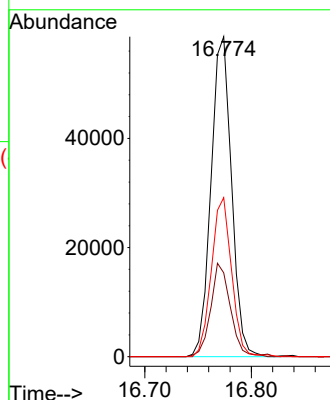
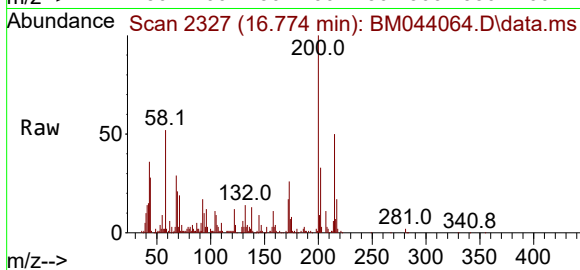
Tgt Ion:200 Resp: 78412

Ion Ratio Lower Upper

200 100

173 26.2 7.9 47.9

215 49.7 27.9 67.9



#70

Pentachlorophenol

Concen: 2.427 ng

RT: 16.945 min Scan# 2356

Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

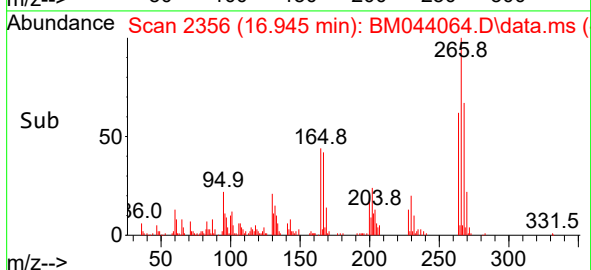
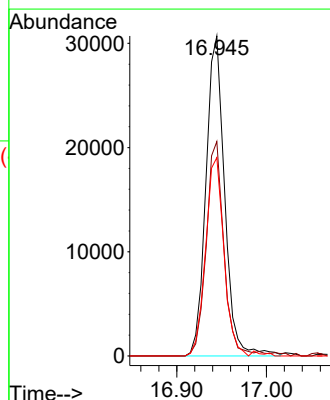
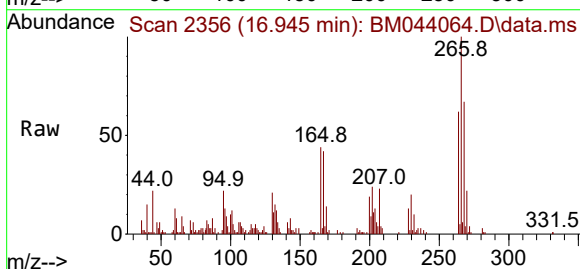
Tgt Ion:266 Resp: 44484

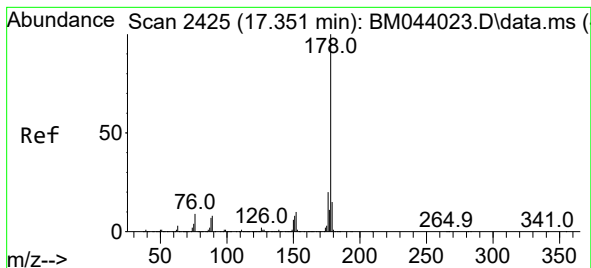
Ion Ratio Lower Upper

266 100

268 71.3 51.1 76.7

264 62.0 50.5 75.7





#71

Phenanthrene

Concen: 3.964 ng

RT: 17.345 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

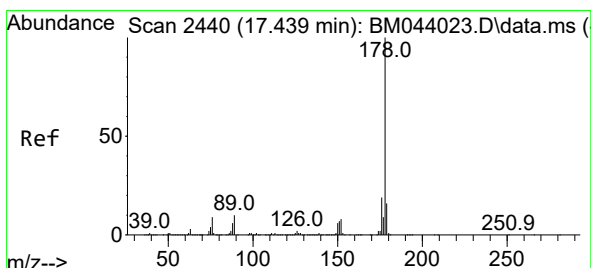
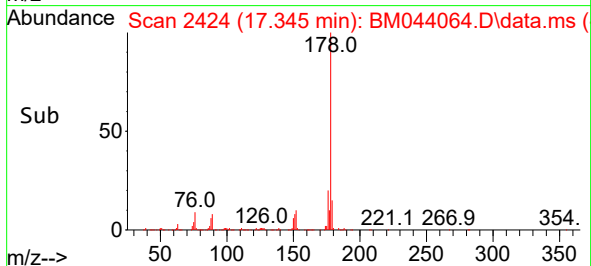
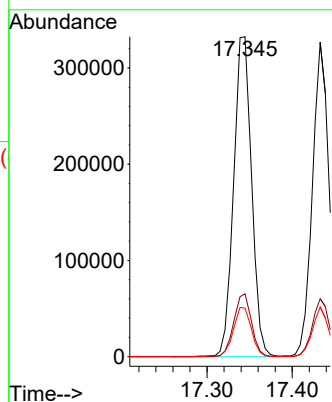
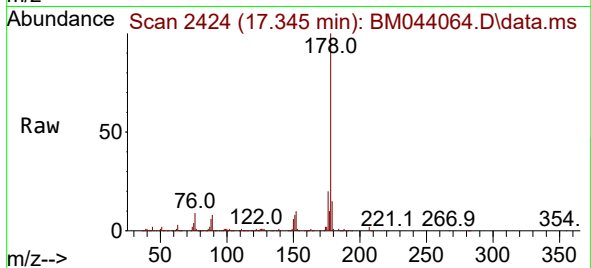
Tgt Ion:178 Resp: 486984

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 15.2 12.2 18.4



#72

Anthracene

Concen: 3.741 ng

RT: 17.433 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

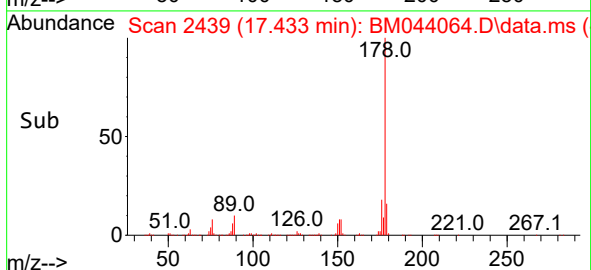
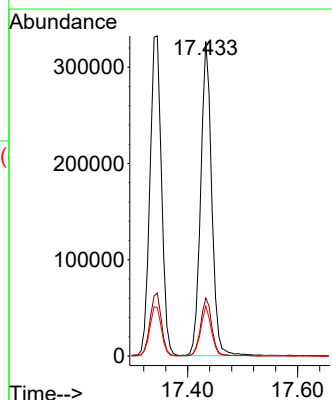
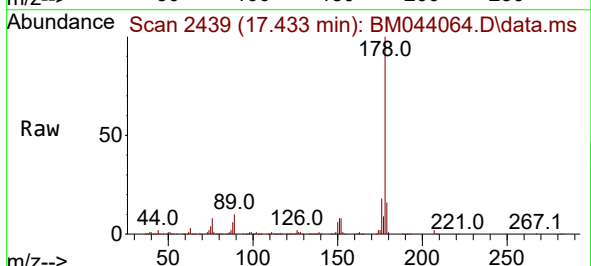
Tgt Ion:178 Resp: 455003

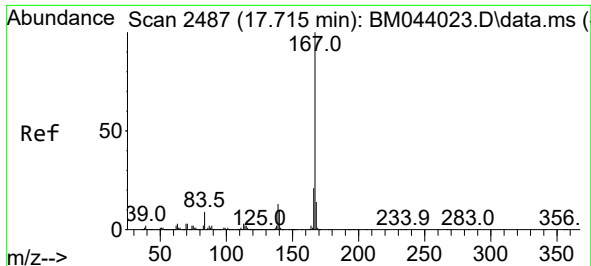
Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 15.8 12.4 18.6

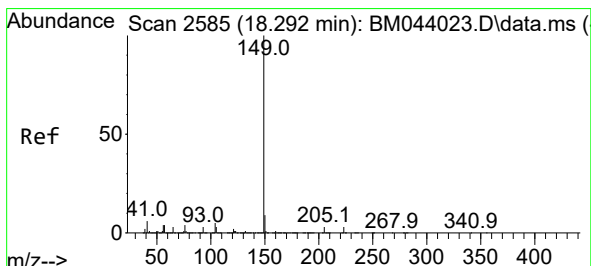
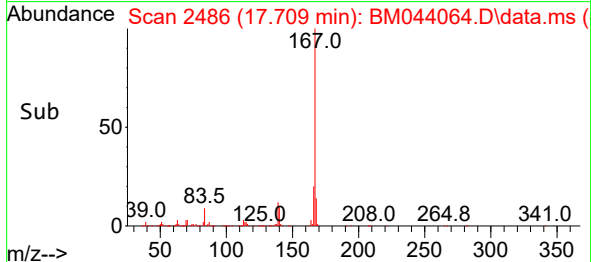
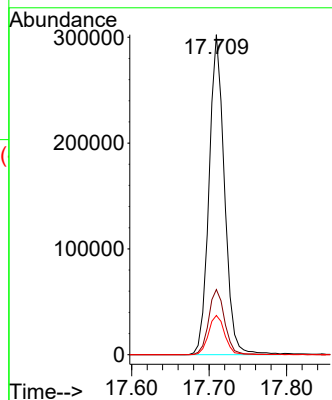
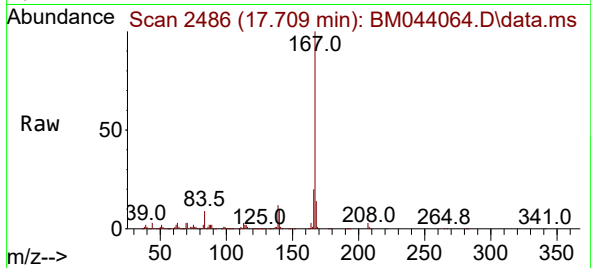




#73  
 Carbazole  
 Concen: 3.529 ng  
 RT: 17.709 min Scan# 2487  
 Delta R.T. -0.006 min  
 Lab File: BM044064.D  
 Acq: 12 Feb 2024 19:31

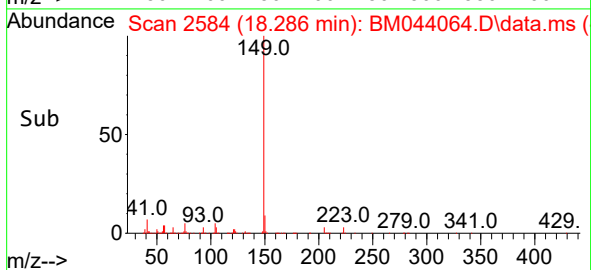
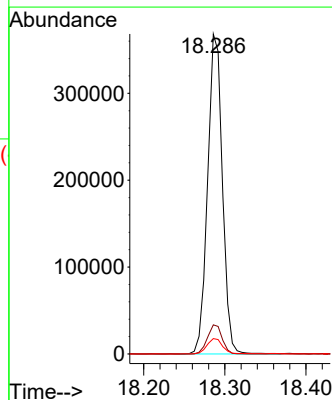
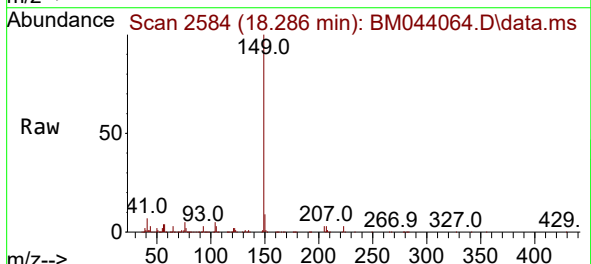
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT1-2024

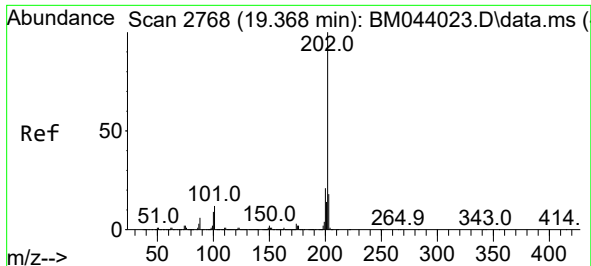
Tgt Ion:167 Resp: 417463  
 Ion Ratio Lower Upper  
 167 100  
 166 20.4 16.8 25.2  
 139 12.2 10.4 15.6



#74  
 Di-n-butylphthalate  
 Concen: 3.016 ng  
 RT: 18.286 min Scan# 2584  
 Delta R.T. -0.006 min  
 Lab File: BM044064.D  
 Acq: 12 Feb 2024 19:31

Tgt Ion:149 Resp: 463664  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.2  
 104 4.8 3.8 5.6

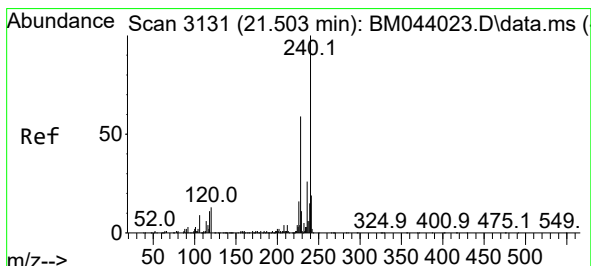
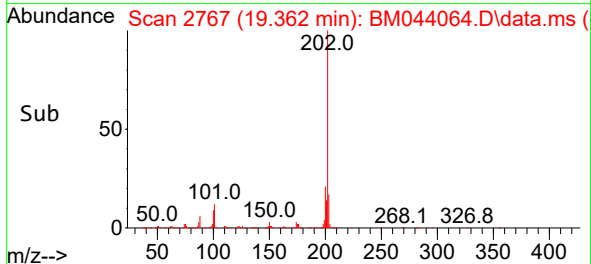
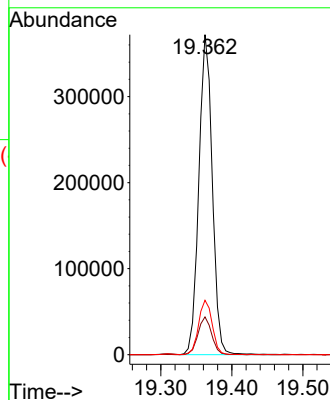
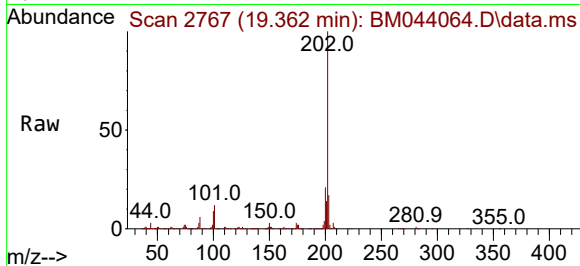




#75  
Fluoranthene  
Concen: 3.557 ng  
RT: 19.362 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

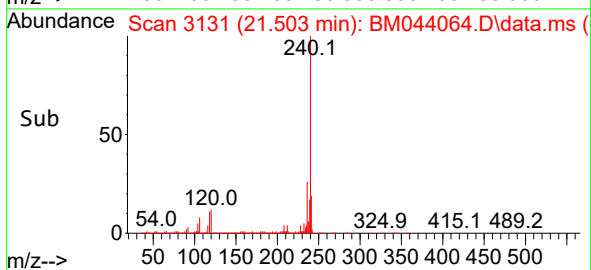
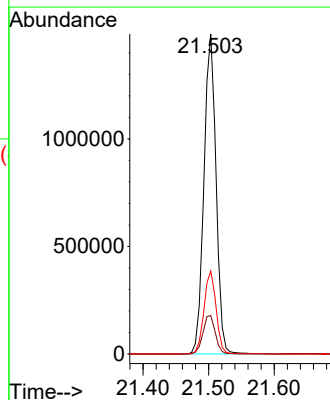
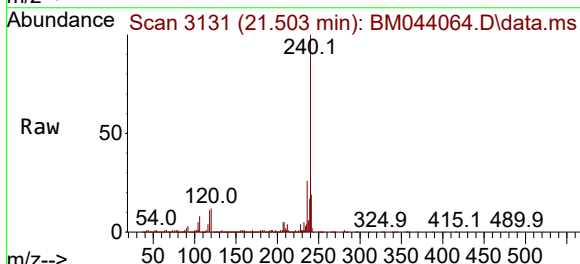
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

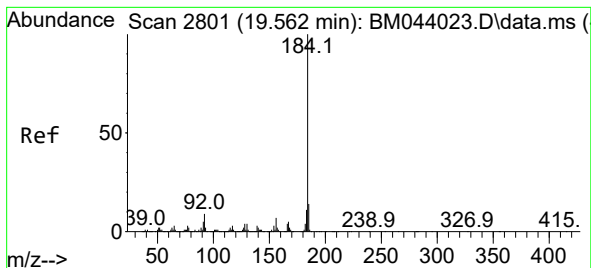
Tgt Ion:202 Resp: 490806  
Ion Ratio Lower Upper  
202 100  
101 11.8 0.0 32.4  
203 17.0 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.503 min Scan# 3131  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:240 Resp: 1916236  
Ion Ratio Lower Upper  
240 100  
120 12.0 10.1 15.1  
236 25.9 20.6 31.0





#77

Benzidine

Concen: 3.477 ng

RT: 19.562 min Scan# 2801

Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

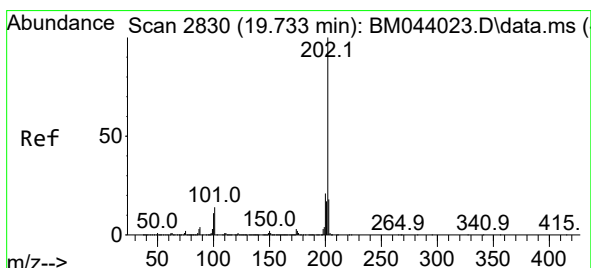
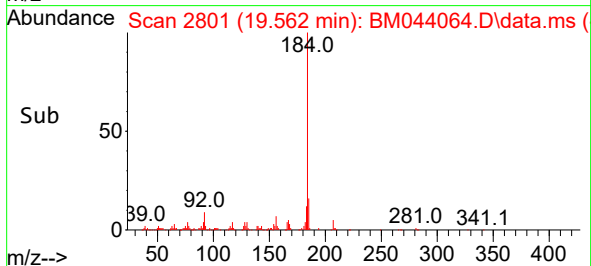
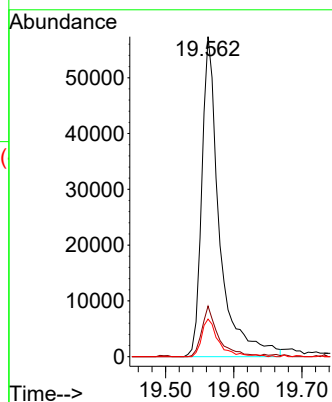
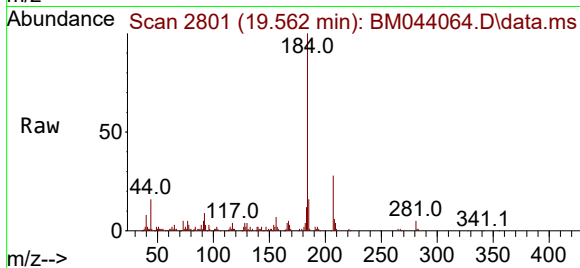
Tgt Ion:184 Resp: 103527

Ion Ratio Lower Upper

184 100

185 15.8 11.0 16.6

183 11.7 9.0 13.4



#78

Pyrene

Concen: 3.448 ng

RT: 19.727 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

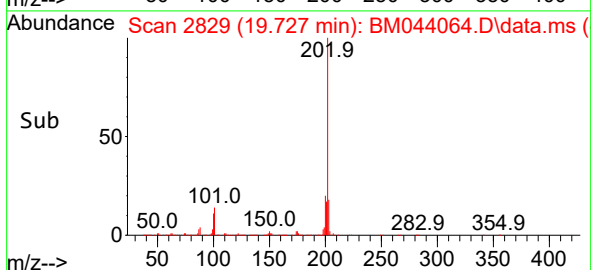
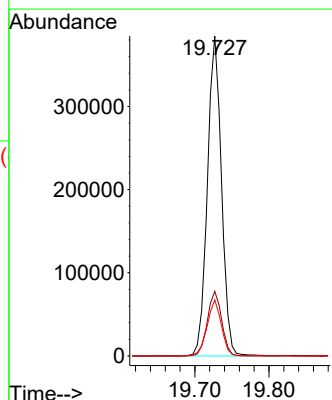
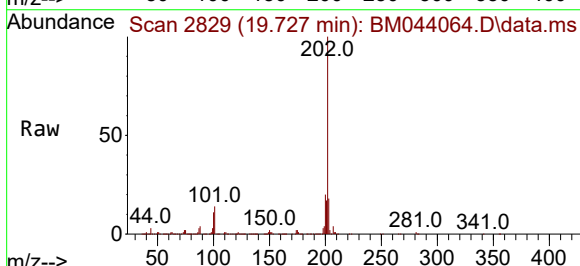
Tgt Ion:202 Resp: 508928

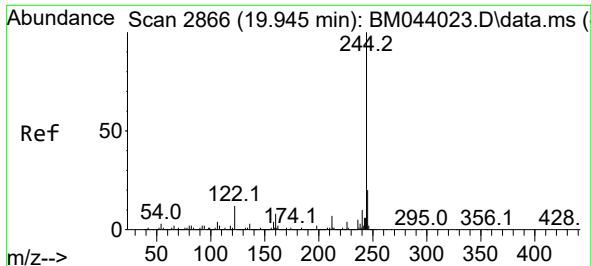
Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

203 17.6 14.0 21.0

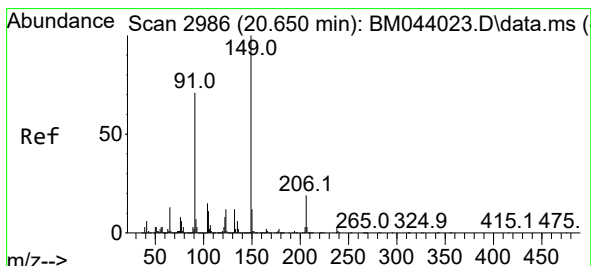
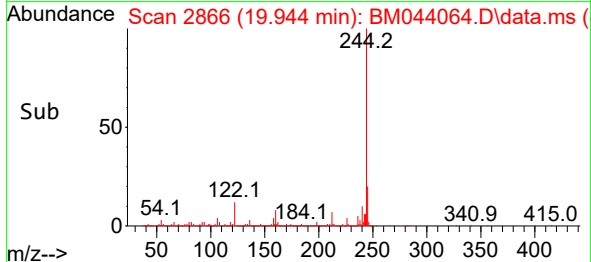
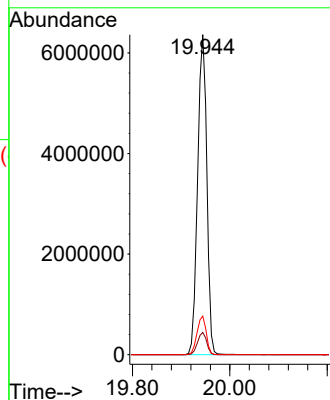
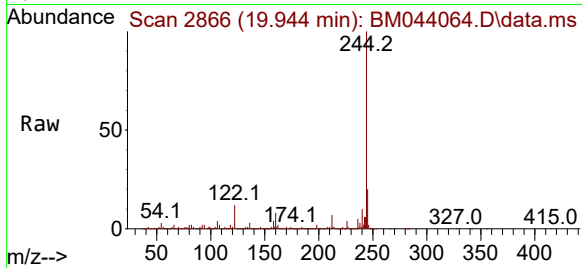




#79  
 Terphenyl-d14  
 Concen: 76.941 ng  
 RT: 19.944 min Scan# 2866  
 Delta R.T. -0.000 min  
 Lab File: BM044064.D  
 Acq: 12 Feb 2024 19:31

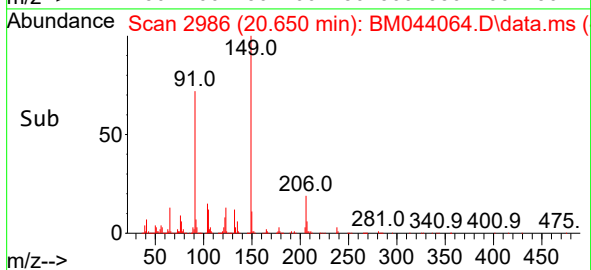
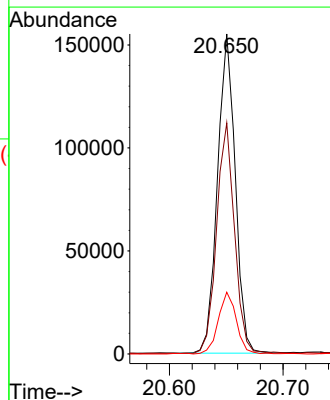
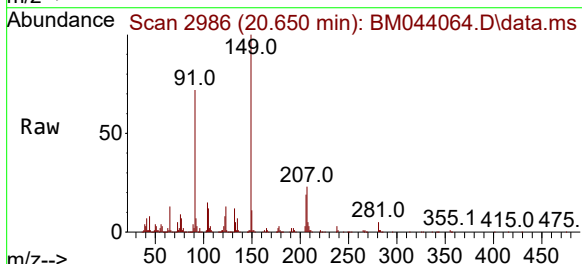
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT1-2024

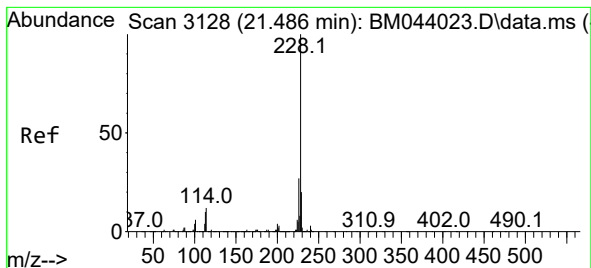
Tgt Ion:244 Resp: 8410423  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.2  
 122 12.0 9.5 14.3



#80  
 Butylbenzylphthalate  
 Concen: 2.573 ng  
 RT: 20.650 min Scan# 2986  
 Delta R.T. -0.000 min  
 Lab File: BM044064.D  
 Acq: 12 Feb 2024 19:31

Tgt Ion:149 Resp: 168785  
 Ion Ratio Lower Upper  
 149 100  
 91 72.2 56.8 85.2  
 206 19.3 15.0 22.6





#81

Benzo(a)anthracene

Concen: 3.670 ng

RT: 21.486 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

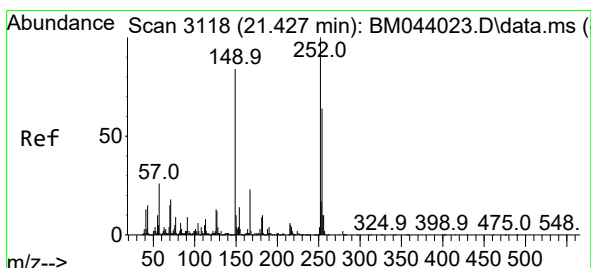
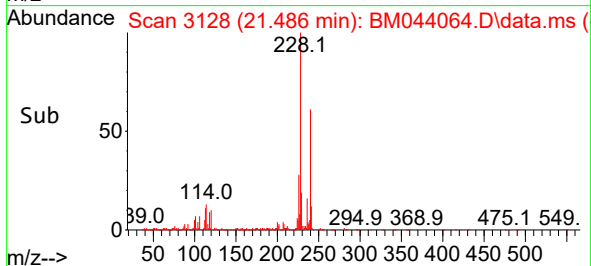
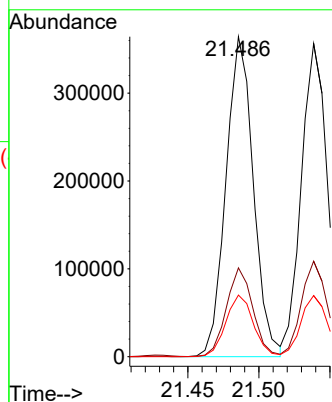
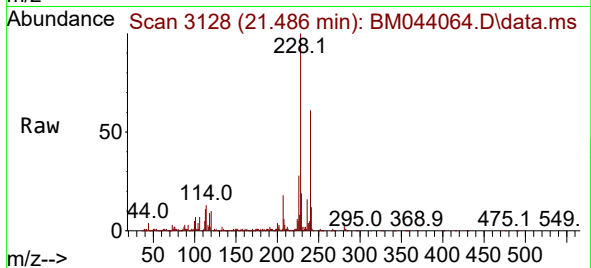
Tgt Ion:228 Resp: 489213

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.2

229 19.3 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 3.425 ng

RT: 21.427 min Scan# 3118

Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

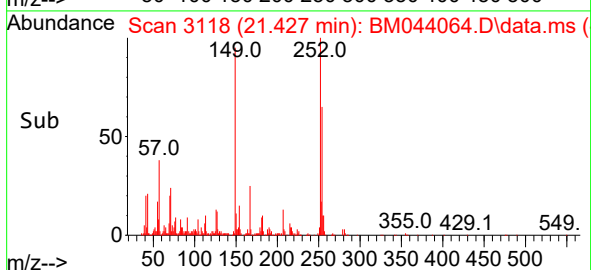
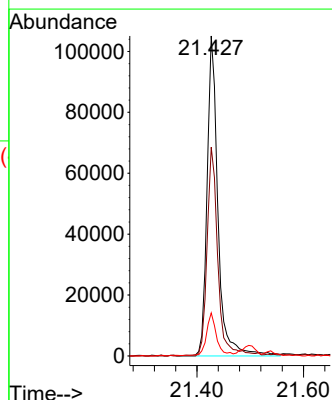
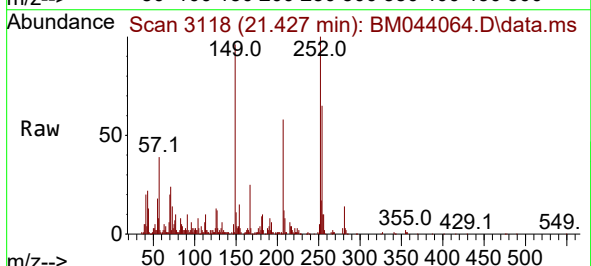
Tgt Ion:252 Resp: 149811

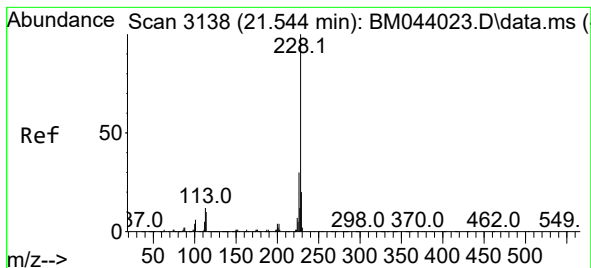
Ion Ratio Lower Upper

252 100

254 65.2 51.2 76.8

126 13.5 10.2 15.4





#83

Chrysene

Concen: 3.632 ng

RT: 21.538 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

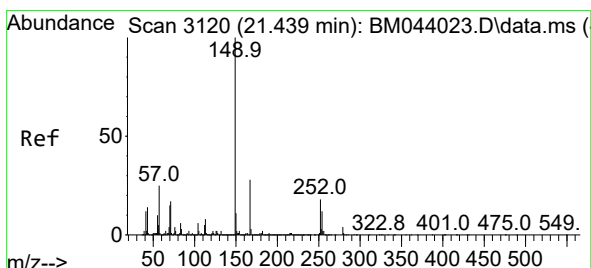
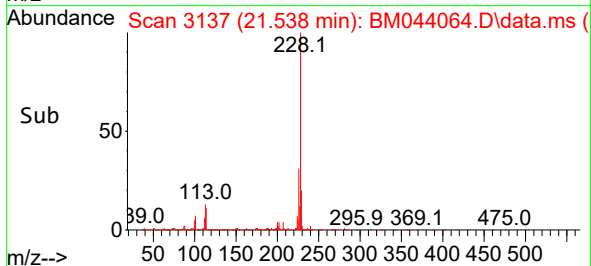
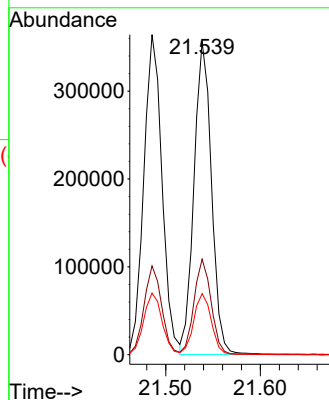
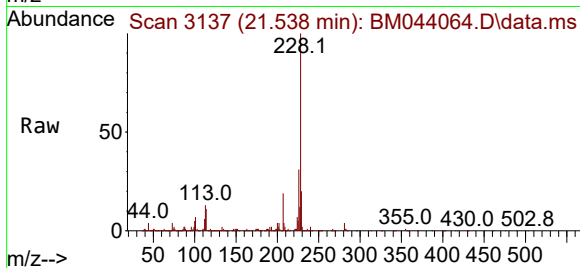
Tgt Ion:228 Resp: 457423

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.797 ng

RT: 21.439 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

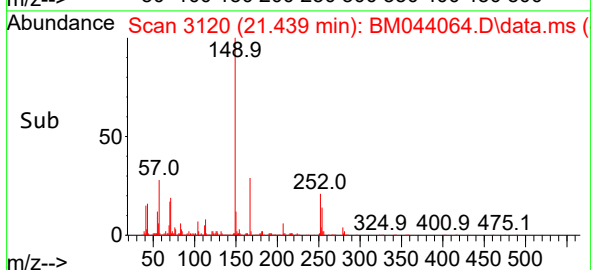
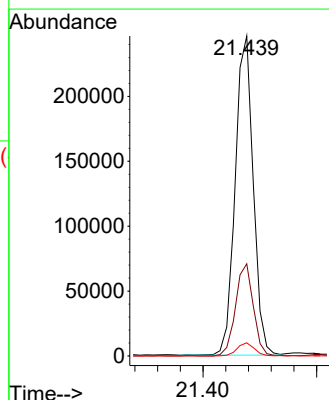
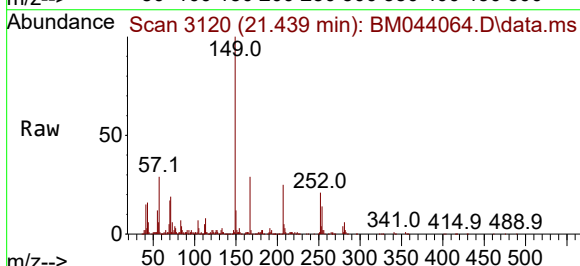
Tgt Ion:149 Resp: 270695

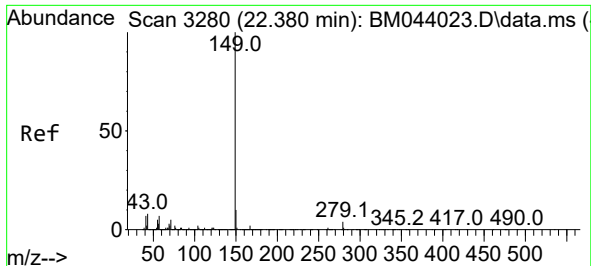
Ion Ratio Lower Upper

149 100

167 28.8 22.6 33.8

279 4.1 3.1 4.7

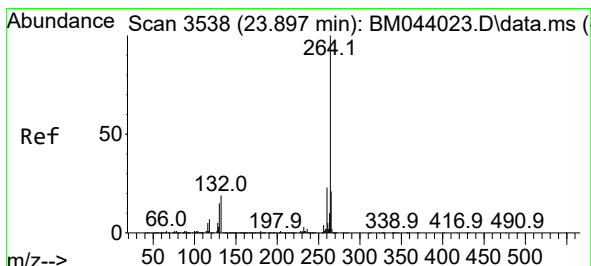
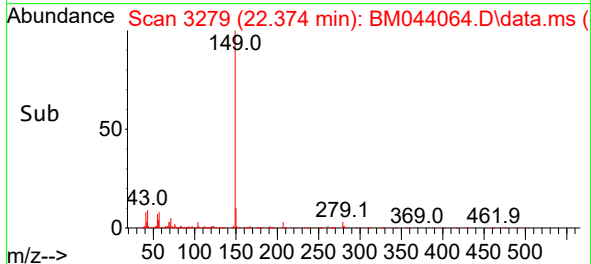
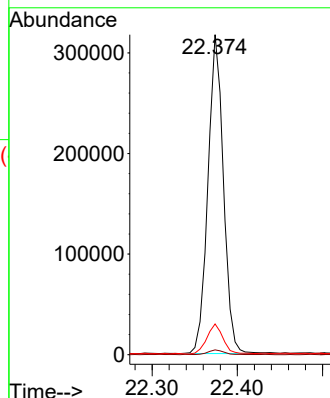
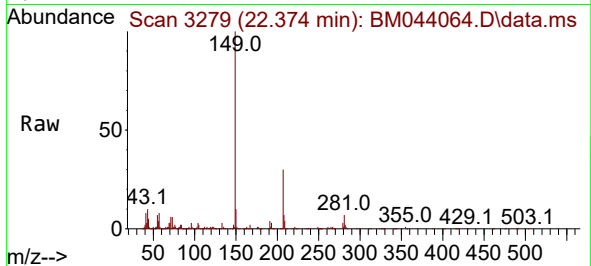




#85  
Di-n-octyl phthalate  
Concen: 2.368 ng  
RT: 22.374 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

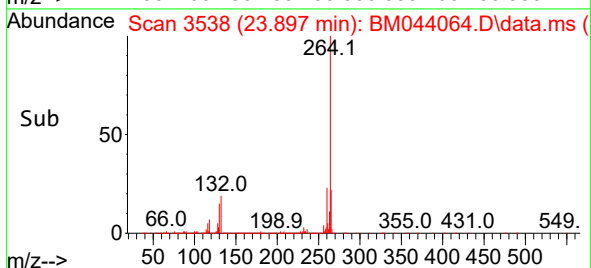
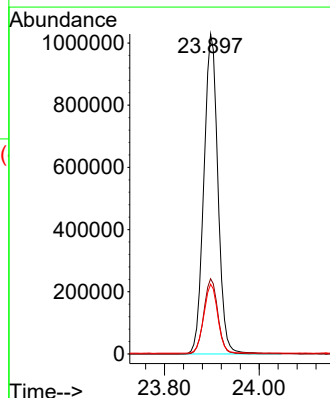
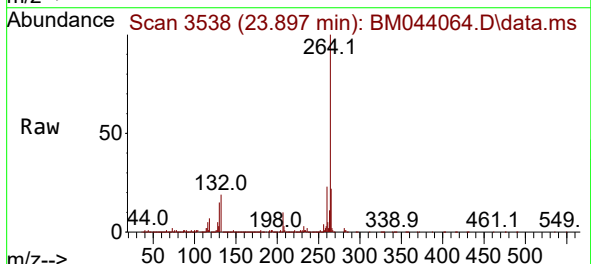
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

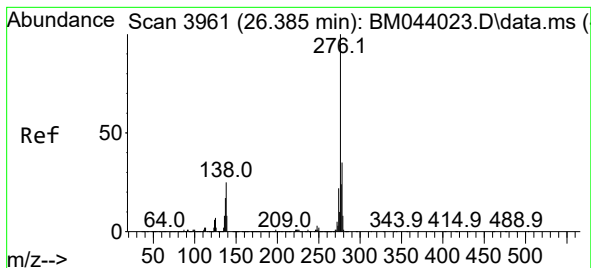
Tgt Ion:149 Resp: 400214  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.6 7.0 10.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.897 min Scan# 3538  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:264 Resp: 2119052  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.8 28.2  
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.536 ng

RT: 26.373 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

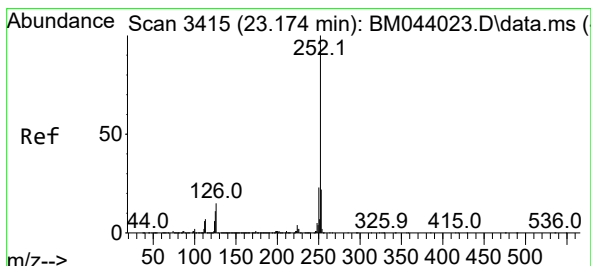
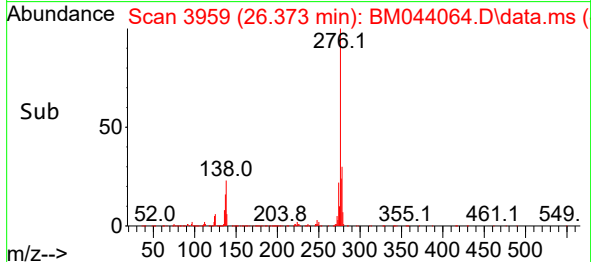
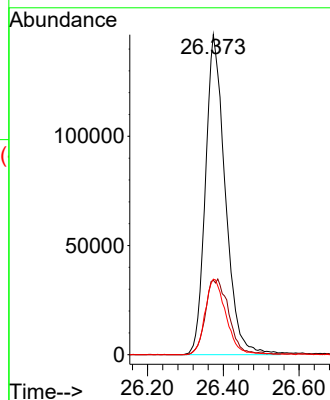
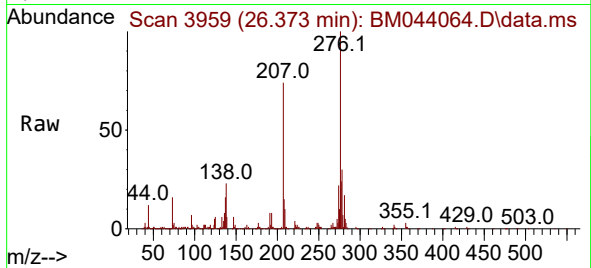
Tgt Ion:276 Resp: 530257

Ion Ratio Lower Upper

276 100

138 27.6 22.6 34.0

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 3.459 ng

RT: 23.168 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

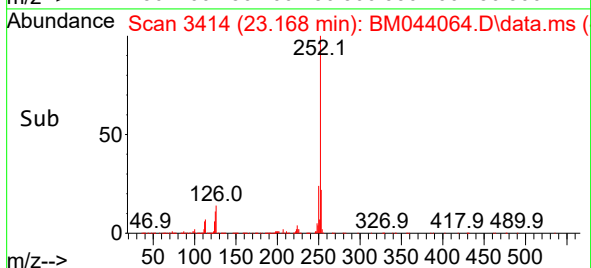
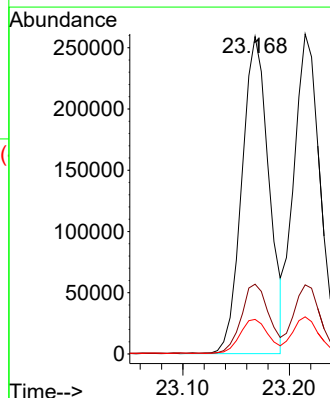
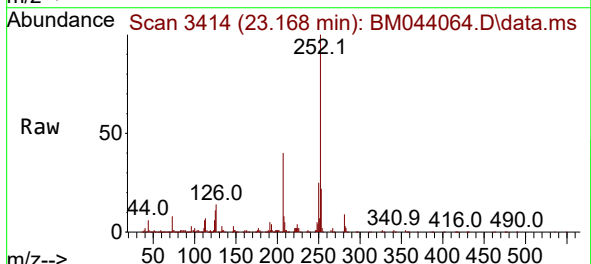
Tgt Ion:252 Resp: 458144

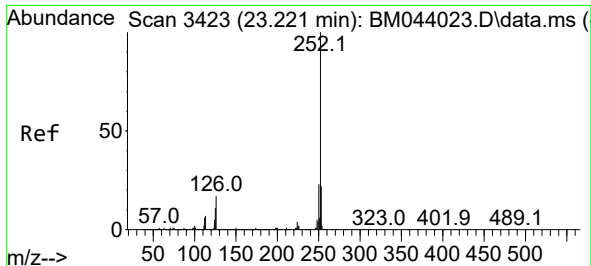
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.9 8.8 13.2

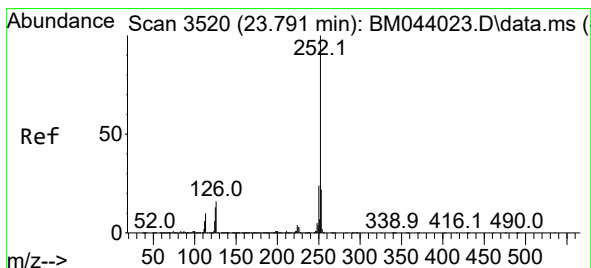
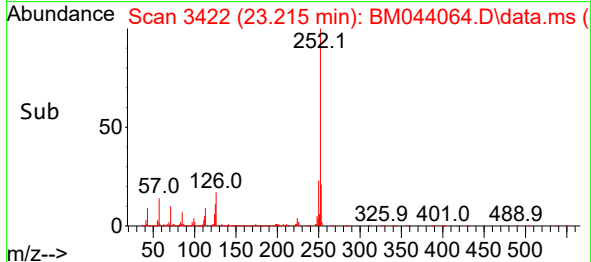
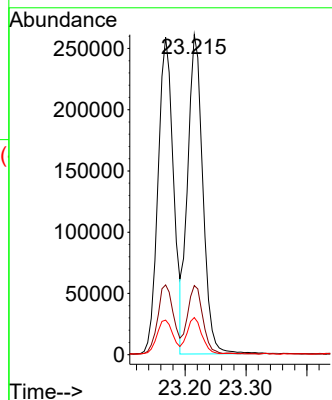
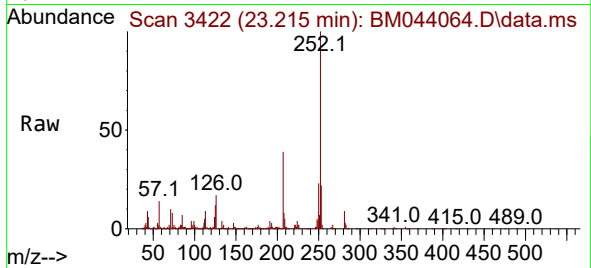




#89  
Benzo(k)fluoranthene  
Concen: 3.592 ng  
RT: 23.215 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

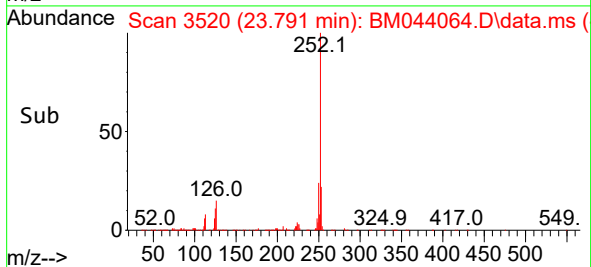
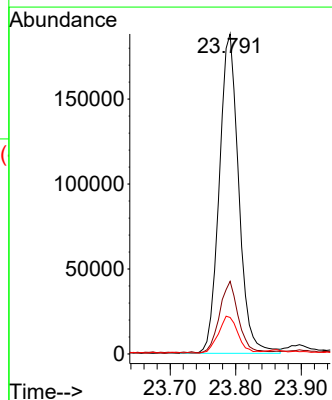
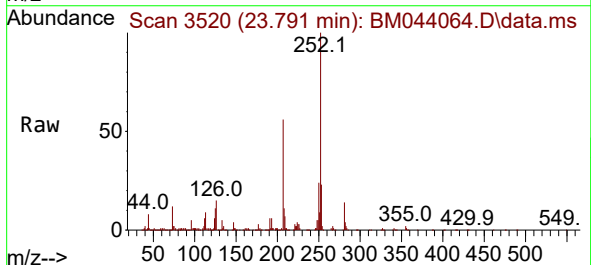
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BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT1-2024

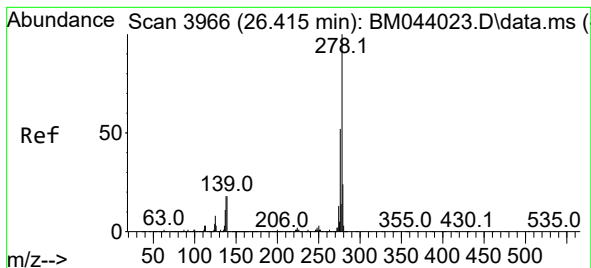
Tgt Ion:252 Resp: 452136  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.7 26.5  
125 11.6 9.0 13.4



#90  
Benzo(a)pyrene  
Concen: 3.337 ng  
RT: 23.791 min Scan# 3520  
Delta R.T. -0.000 min  
Lab File: BM044064.D  
Acq: 12 Feb 2024 19:31

Tgt Ion:252 Resp: 386094  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.7 26.5  
125 11.4 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 3.530 ng

RT: 26.403 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT1-2024

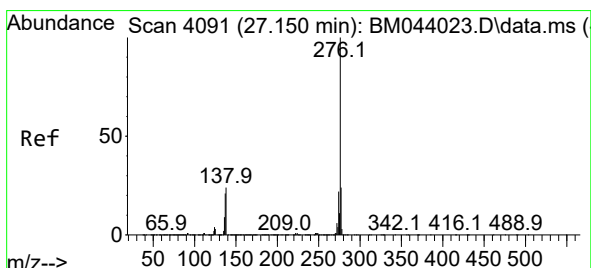
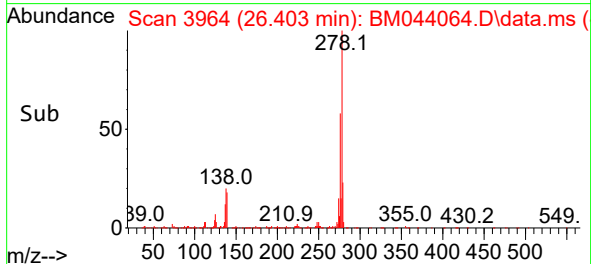
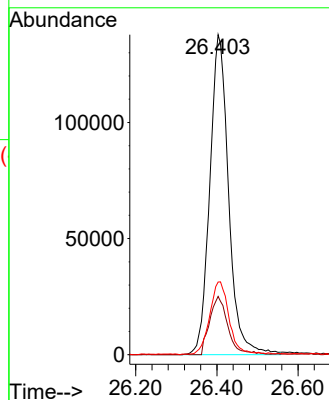
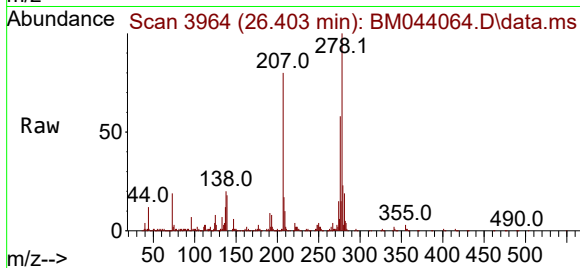
Tgt Ion:278 Resp: 442820

Ion Ratio Lower Upper

278 100

139 18.2 14.5 21.7

279 22.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 3.406 ng

RT: 27.138 min Scan# 4089

Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Tgt Ion:276 Resp: 433292

Ion Ratio Lower Upper

276 100

277 22.1 19.0 28.4

138 23.0 19.1 28.7

