

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072022\  
 Data File : BM035879.D  
 Acq On : 20 Jul 2022 13:48  
 Operator : CG/JU  
 Sample : N3214-09  
 Misc : MDL-MDL-SOIL 4ppm  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT2-2022

Quant Time: Jul 20 14:28:39 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM071822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 18 17:08:15 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.898  | 152  | 325897   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.704 | 136  | 1347594  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.533 | 164  | 778097   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.268 | 188  | 1441775  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.444 | 240  | 1149456  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.821 | 264  | 1077722  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 2406237  | 114.465 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.063  | 99   | 3232645  | 122.290 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.063  | 82   | 2278018  | 90.410  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.015 | 330  | 1015208  | 116.644 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.163 | 172  | 5020625  | 91.206  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.892 | 244  | 5583596  | 94.512  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 31082    | 3.577   | ng    | 97       |
| 3) Pyridine                   | 3.734  | 79   | 78889    | 3.416   | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.640  | 42   | 38797    | 4.020   | ng    | # 73     |
| 6) Aniline                    | 7.222  | 93   | 126267   | 4.350   | ng    | 97       |
| 8) 2-Chlorophenol             | 7.457  | 128  | 82229    | 3.785   | ng    | 100      |
| 9) Benzaldehyde               | 7.034  | 77   | 79211    | 5.334   | ng    | 99       |
| 10) Phenol                    | 7.087  | 94   | 102883   | 3.865   | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.322  | 93   | 86188    | 4.012   | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.781  | 146  | 92763    | 3.829   | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.934  | 146  | 94617    | 3.835   | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.245  | 146  | 92675    | 3.884   | ng    | 98       |
| 15) Benzyl Alcohol            | 8.139  | 79   | 61706    | 3.543   | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.428  | 45   | 113660   | 4.064   | ng    | 95       |
| 17) 2-Methylphenol            | 8.339  | 107  | 62888    | 3.639   | ng    | 96       |
| 18) Hexachloroethane          | 8.975  | 117  | 32648    | 3.679   | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.704  | 70   | 60491    | 3.947   | ng    | 88       |
| 20) 3+4-Methylphenols         | 8.669  | 107  | 83332    | 3.567   | ng    | 95       |
| 22) Acetophenone              | 8.722  | 105  | 127584   | 3.831   | ng    | # 94     |
| 24) Nitrobenzene              | 9.104  | 77   | 103884   | 4.390   | ng    | 99       |
| 25) Isophorone                | 9.628  | 82   | 159815   | 4.055   | ng    | 99       |
| 26) 2-Nitrophenol             | 9.816  | 139  | 31178    | 2.925   | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 9.875  | 122  | 70544    | 4.195   | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.116 | 93   | 106557   | 3.884   | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.345 | 162  | 61519    | 3.300   | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.563 | 180  | 78574    | 3.652   | ng    | 98       |
| 31) Naphthalene               | 10.751 | 128  | 270163   | 3.946   | ng    | 99       |
| 32) Benzoic acid              | 9.928  | 122  | 19319    | 1.519   | ng    | 90       |
| 33) 4-Chloroaniline           | 10.863 | 127  | 106396   | 3.884   | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.033 | 225  | 45160    | 3.657   | ng    | 96       |
| 35) Caprolactam               | 11.627 | 113  | 16360    | 2.869   | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 11.986 | 107  | 66287    | 3.467   | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.363 | 142  | 177454   | 3.984   | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.580 | 142  | 169465   | 3.909   | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.722 | 216  | 83224    | 3.744   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.704 | 237  | 46218    | 3.857   | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.969 | 196  | 44680    | 3.041   | ng    | 97       |

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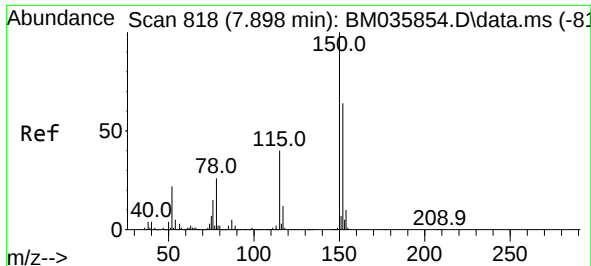
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT2-2022

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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.033 | 196  | 48379    | 3.123 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.369 | 154  | 237703   | 4.016 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.410 | 162  | 171180   | 3.763 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.616 | 65   | 36377    | 2.902 | ng    | 97       |
| 49) Acenaphthylene            | 14.251 | 152  | 267414   | 3.817 | ng    | 100      |
| 50) Dimethylphthalate         | 13.992 | 163  | 184525   | 3.603 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.110 | 165  | 33124    | 3.093 | ng    | 91       |
| 52) Acenaphthene              | 14.592 | 154  | 161186   | 3.841 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.439 | 138  | 36897    | 2.862 | ng #  | 98       |
| 54) 2,4-Dinitrophenol         | 14.639 | 184  | 10328    | 1.957 | ng    | 94       |
| 55) Dibenzofuran              | 14.927 | 168  | 254854   | 3.791 | ng    | 96       |
| 56) 4-Nitrophenol             | 14.739 | 139  | 24113    | 2.383 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.892 | 165  | 38484    | 2.746 | ng    | 97       |
| 58) Fluorene                  | 15.574 | 166  | 193729   | 3.670 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.151 | 232  | 38354    | 3.080 | ng    | 94       |
| 60) Diethylphthalate          | 15.351 | 149  | 173460   | 3.418 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.574 | 204  | 91763    | 3.573 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.592 | 138  | 34486    | 2.612 | ng    | 95       |
| 63) Azobenzene                | 15.862 | 77   | 172111   | 3.303 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.645 | 198  | 14711    | 2.032 | ng    | 87       |
| 66) n-Nitrosodiphenylamine    | 15.786 | 169  | 155478   | 3.672 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.462 | 248  | 51590    | 3.559 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.568 | 284  | 63081    | 3.749 | ng    | 94       |
| 69) Atrazine                  | 16.733 | 200  | 41695    | 3.748 | ng    | 99       |
| 70) Pentachlorophenol         | 16.915 | 266  | 23793    | 2.548 | ng    | 96       |
| 71) Phenanthrene              | 17.309 | 178  | 293095   | 3.864 | ng    | 99       |
| 72) Anthracene                | 17.398 | 178  | 270347   | 3.667 | ng    | 98       |
| 73) Carbazole                 | 17.674 | 167  | 244055   | 3.263 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.245 | 149  | 223246   | 2.932 | ng    | 99       |
| 75) Fluoranthene              | 19.321 | 202  | 269565   | 3.270 | ng    | 97       |
| 77) Benzidine                 | 19.509 | 184  | 80262    | 3.977 | ng    | 97       |
| 78) Pyrene                    | 19.686 | 202  | 285591   | 3.800 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.592 | 149  | 69496    | 2.590 | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.433 | 228  | 259845   | 3.571 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.368 | 252  | 69765    | 4.093 | ng    | 100      |
| 83) Chrysene                  | 21.480 | 228  | 252923   | 3.643 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.374 | 149  | 96408    | 2.549 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.291 | 149  | 141617   | 2.361 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 26.291 | 276  | 253641   | 3.221 | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 23.144 | 252  | 238346   | 3.715 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.144 | 252  | 238346   | 3.590 | ng    | 98       |
| 90) Benzo(a)pyrene            | 23.715 | 252  | 219281   | 4.016 | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 26.315 | 278  | 226987   | 3.469 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 27.050 | 276  | 223078   | 3.457 | ng    | 96       |

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

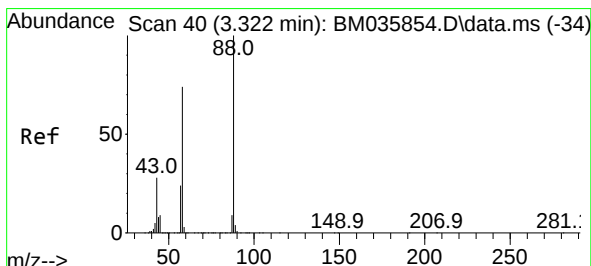
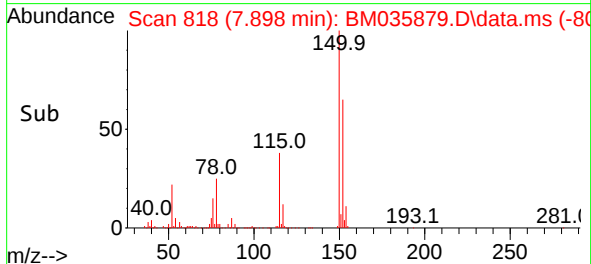
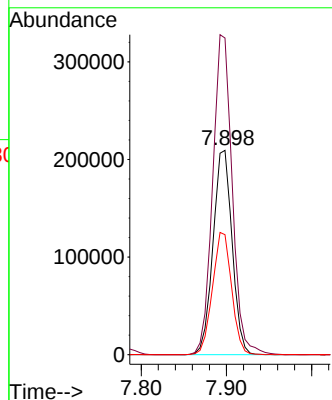
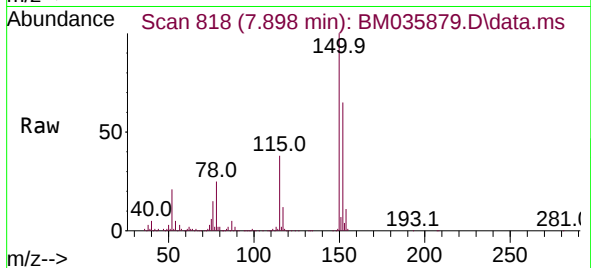




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

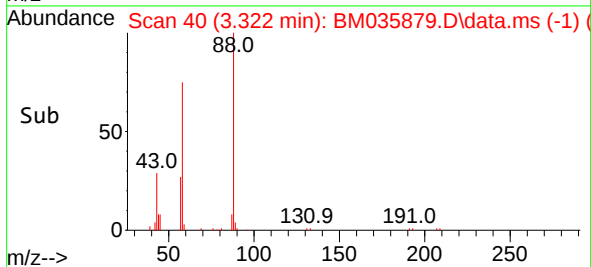
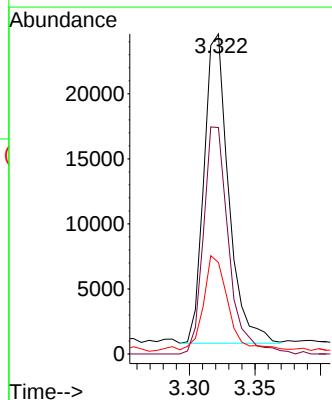
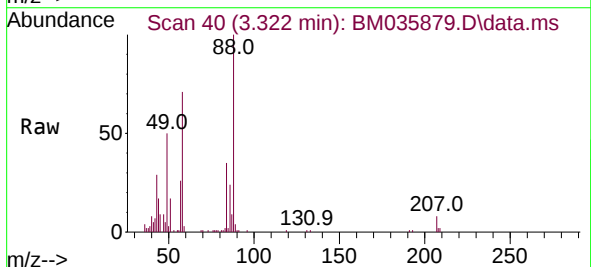
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

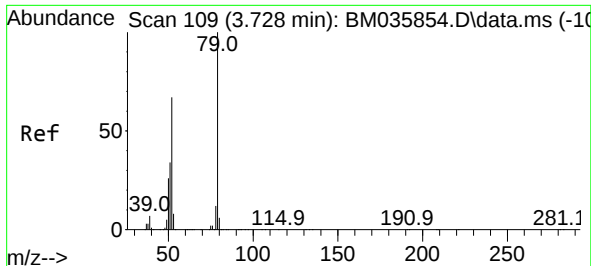
Tgt Ion:152 Resp: 325897  
Ion Ratio Lower Upper  
152 100  
150 155.0 124.9 187.3  
115 58.7 47.9 71.9



#2  
1,4-Dioxane  
Concen: 3.577 ng  
RT: 3.322 min Scan# 40  
Delta R.T. 0.000 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion: 88 Resp: 31082  
Ion Ratio Lower Upper  
88 100  
58 75.4 62.3 93.5  
43 33.0 28.7 43.1





#3

Pyridine

Concen: 3.416 ng

RT: 3.734 min Scan# 110

Delta R.T. 0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

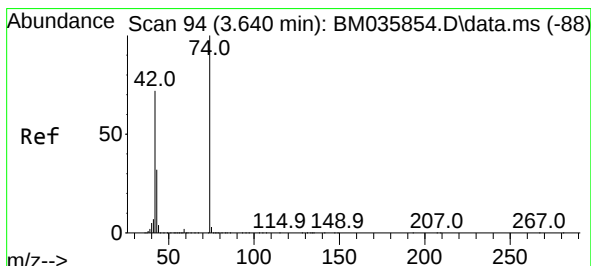
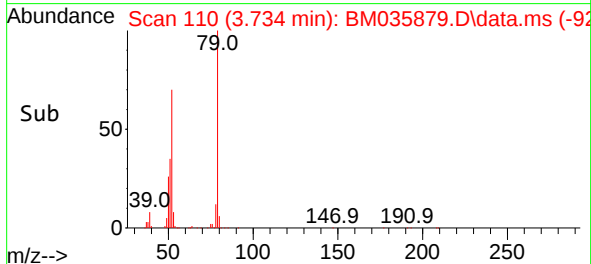
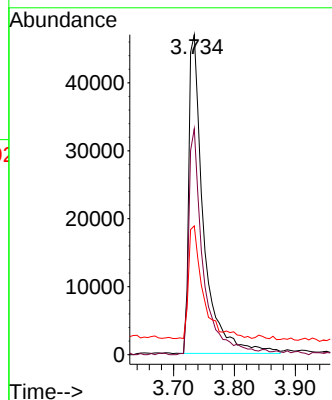
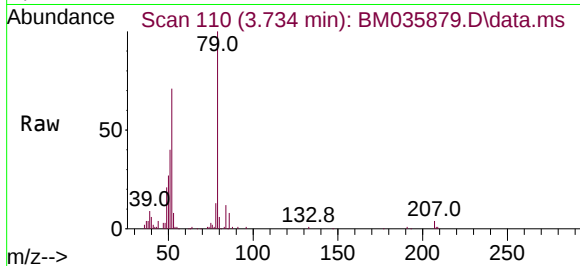
Tgt Ion: 79 Resp: 78889

Ion Ratio Lower Upper

79 100

52 70.6 61.9 92.9

51 40.3 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 4.020 ng

RT: 3.640 min Scan# 94

Delta R.T. 0.000 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

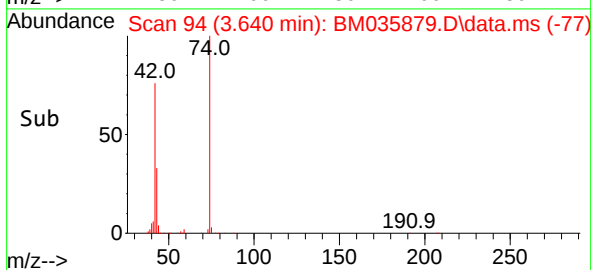
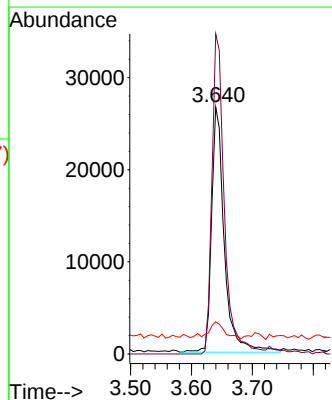
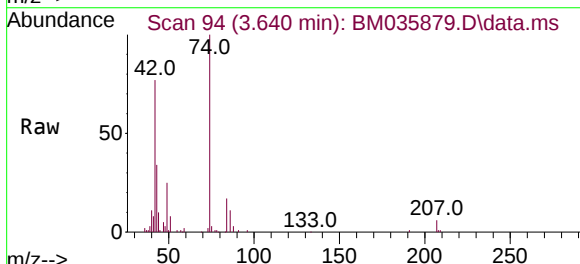
Tgt Ion: 42 Resp: 38797

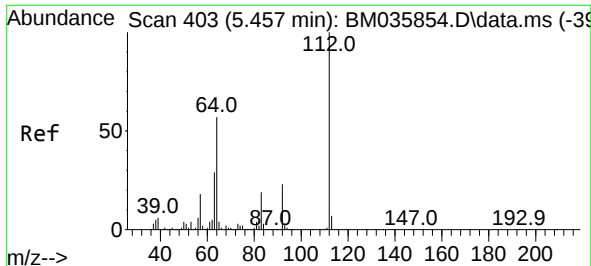
Ion Ratio Lower Upper

42 100

74 129.7 81.6 122.4#

44 13.0 5.2 7.8#

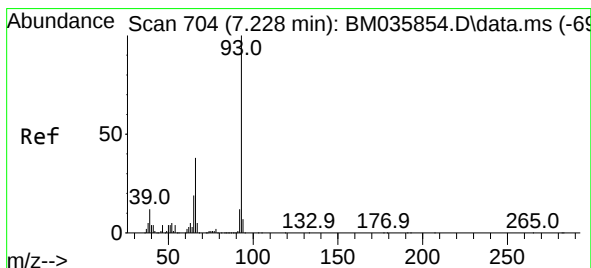
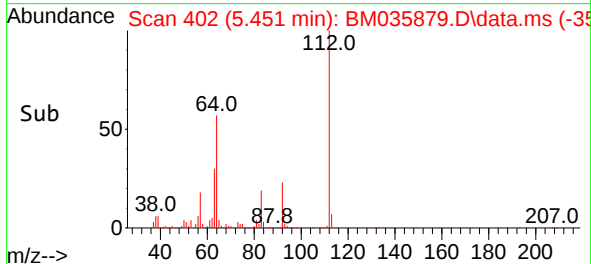
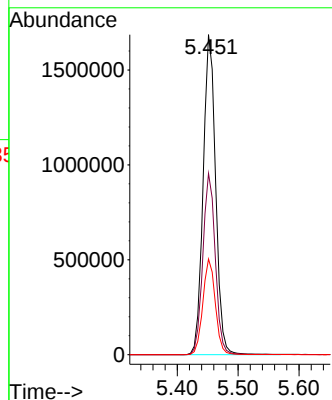
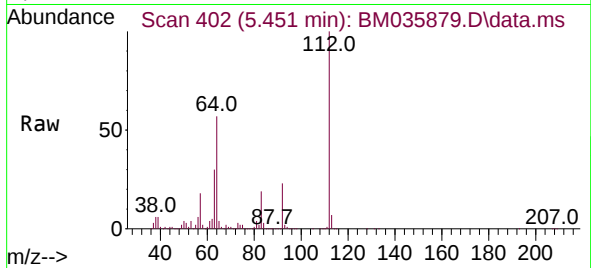




#5  
2-Fluorophenol  
Concen: 114.465 ng  
RT: 5.451 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
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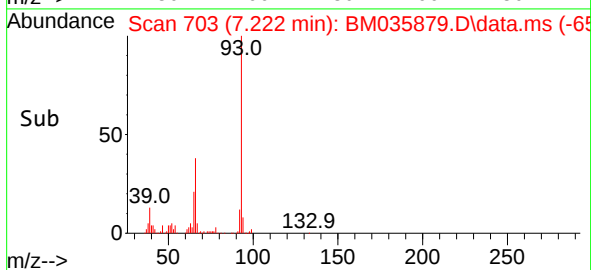
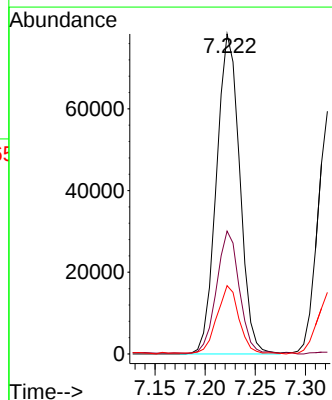
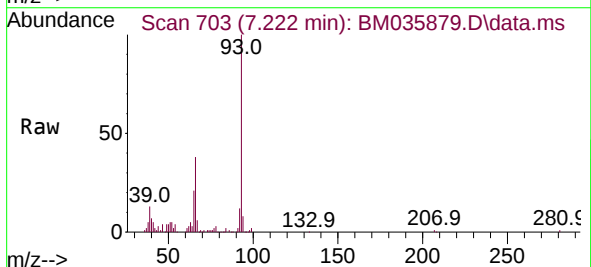
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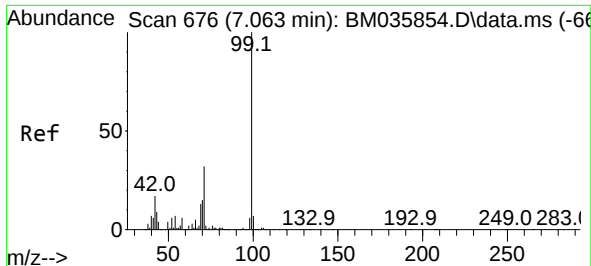
Tgt Ion:112 Resp: 2406237  
Ion Ratio Lower Upper  
112 100  
64 56.6 47.8 71.6  
63 29.9 26.6 40.0



#6  
Aniline  
Concen: 4.350 ng  
RT: 7.222 min Scan# 703  
Delta R.T. -0.006 min  
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Tgt Ion: 93 Resp: 126267  
Ion Ratio Lower Upper  
93 100  
66 38.4 32.6 49.0  
65 21.3 16.8 25.2

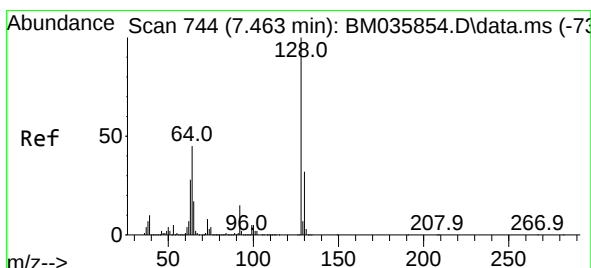
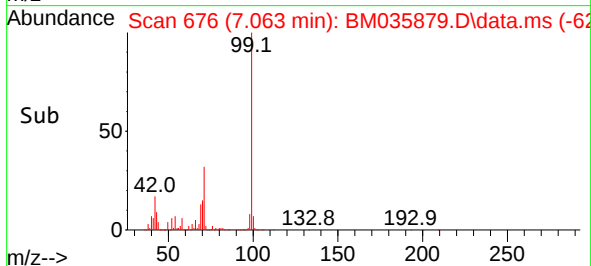
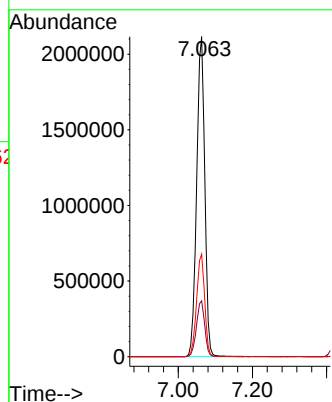
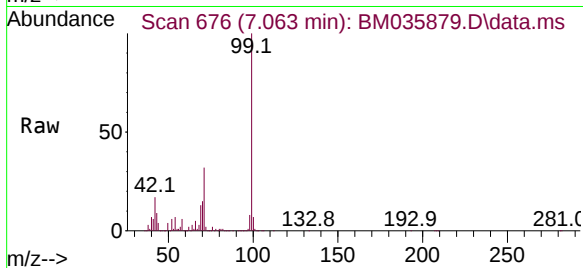




#7  
Phenol-d6  
Concen: 122.290 ng  
RT: 7.063 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

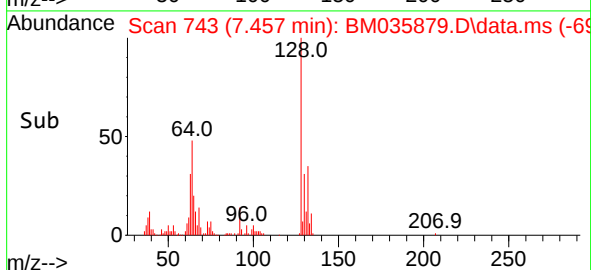
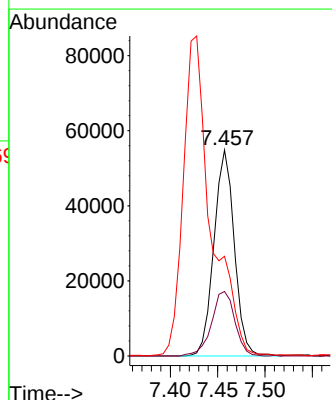
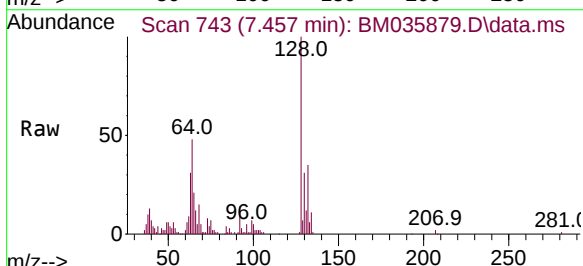
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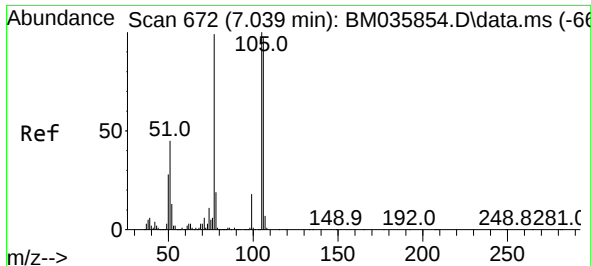
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Ion Ratio Lower Upper  
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42 17.5 18.8 28.2#  
71 32.0 30.2 45.2



#8  
2-Chlorophenol  
Concen: 3.785 ng  
RT: 7.457 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
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Tgt Ion: 128 Resp: 82229  
Ion Ratio Lower Upper  
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130 31.3 10.9 50.9  
64 48.4 28.2 68.2

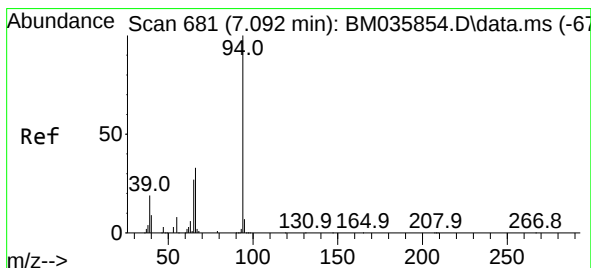
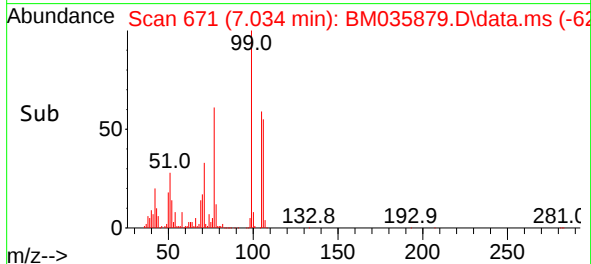
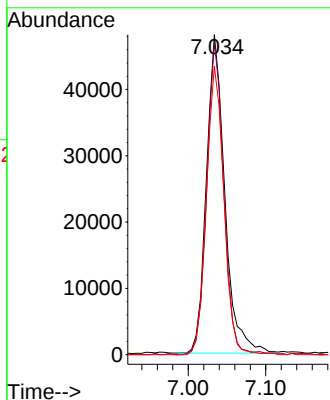
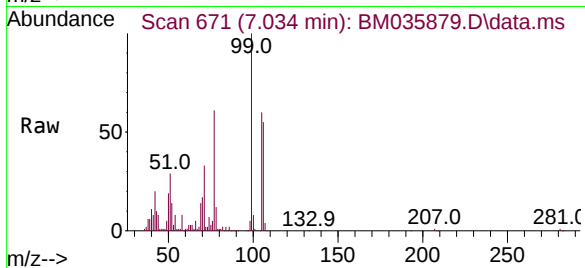




#9  
Benzaldehyde  
Concen: 5.334 ng  
RT: 7.034 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

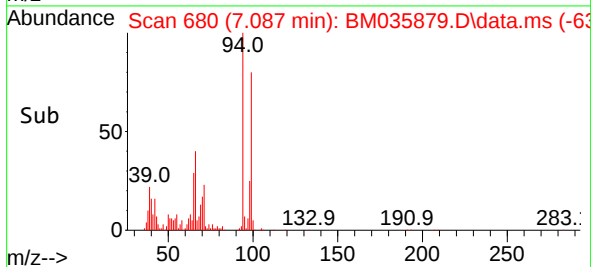
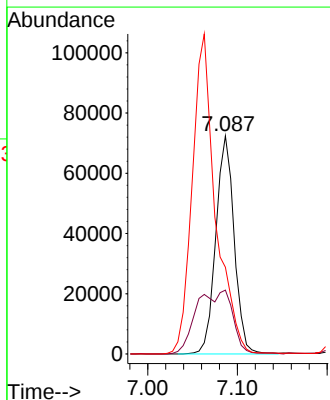
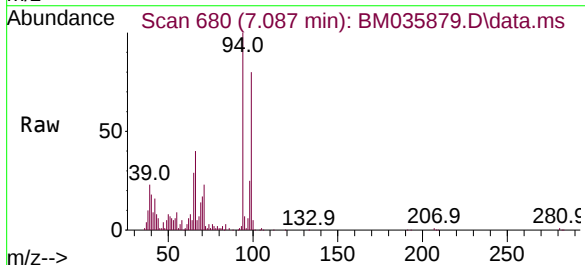
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

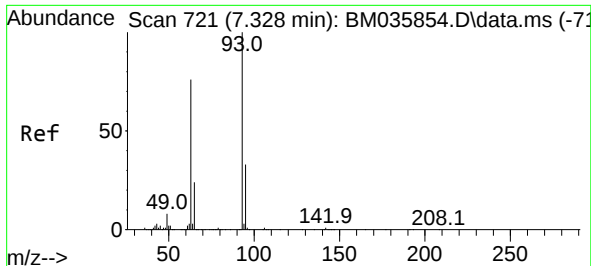
Tgt Ion: 77 Resp: 79211  
Ion Ratio Lower Upper  
77 100  
105 97.5 76.3 116.3  
106 90.1 69.0 109.0



#10  
Phenol  
Concen: 3.865 ng  
RT: 7.087 min Scan# 680  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion: 94 Resp: 102883  
Ion Ratio Lower Upper  
94 100  
65 29.3 11.4 51.4  
66 39.8 21.4 61.4

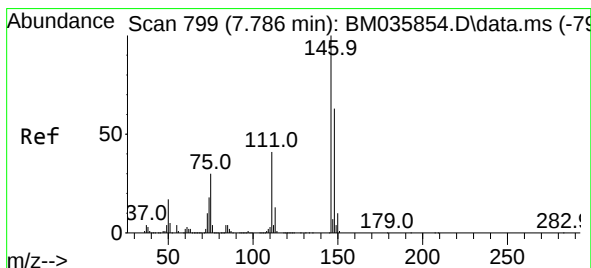
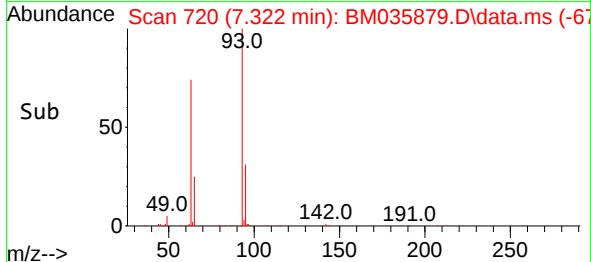
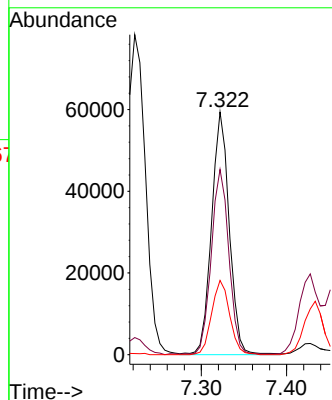
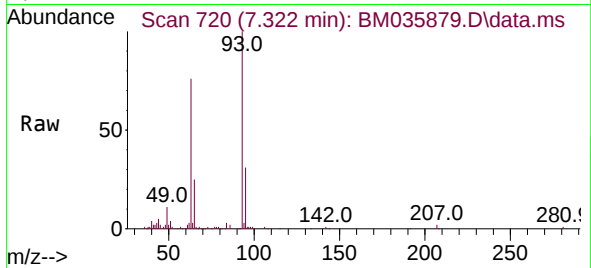




#11  
bis(2-Chloroethyl)ether  
Concen: 4.012 ng  
RT: 7.322 min Scan# 721  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

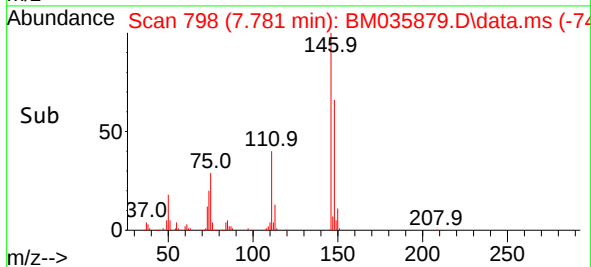
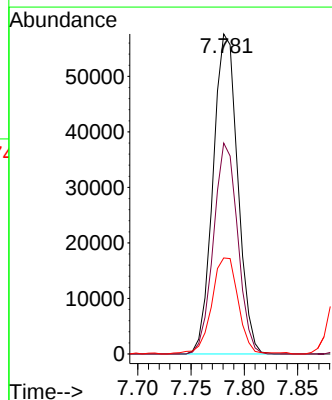
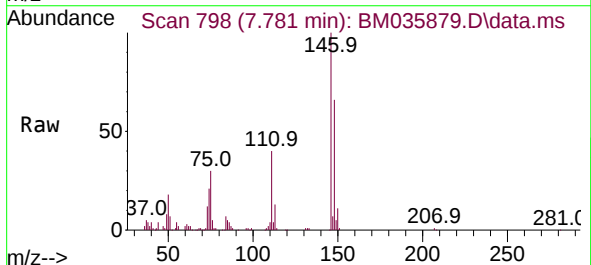
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

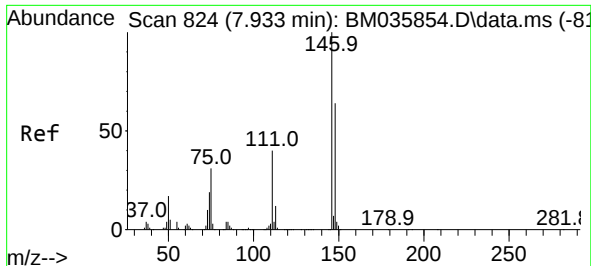
Tgt Ion: 93 Resp: 86188  
Ion Ratio Lower Upper  
93 100  
63 76.4 60.6 100.6  
95 30.6 13.2 53.2



#12  
1,3-Dichlorobenzene  
Concen: 3.829 ng  
RT: 7.781 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion: 146 Resp: 92763  
Ion Ratio Lower Upper  
146 100  
148 65.9 50.7 76.1  
75 30.0 26.1 39.1

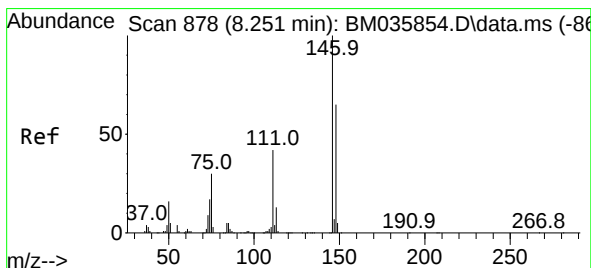
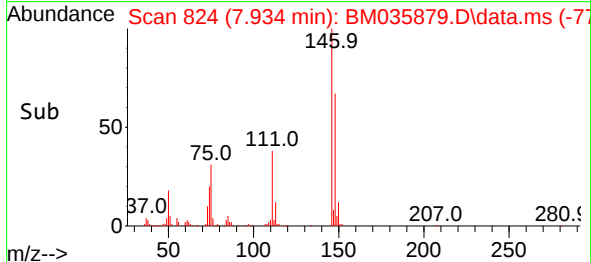
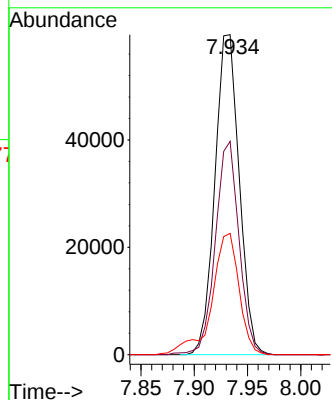
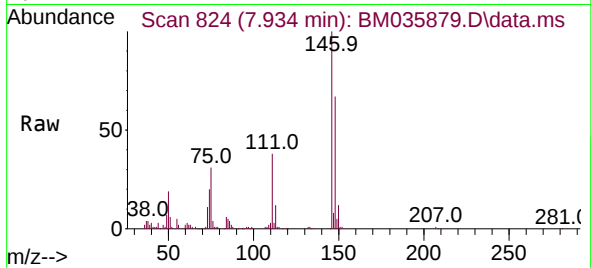




#13  
1,4-Dichlorobenzene  
Concen: 3.835 ng  
RT: 7.934 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

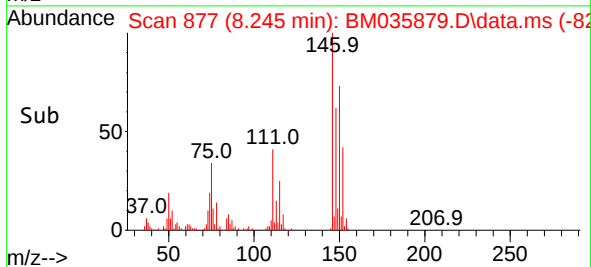
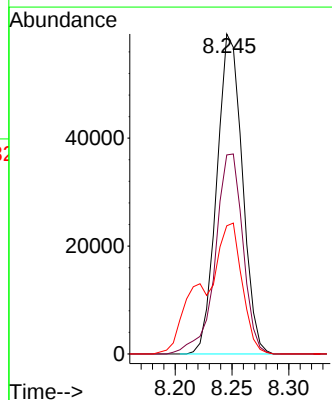
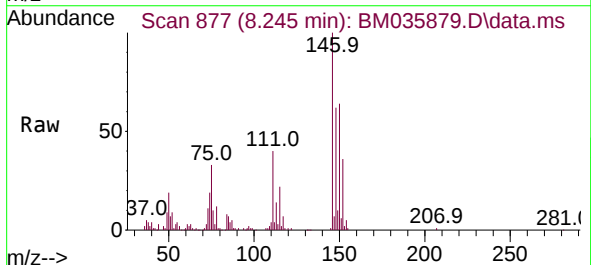
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

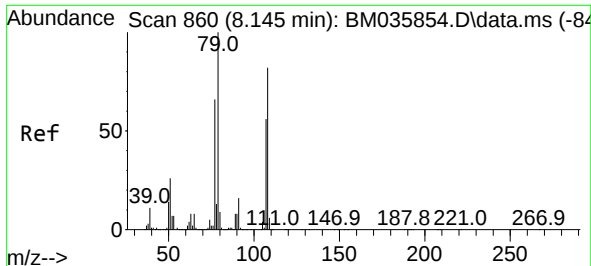
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.6  | 51.5  | 77.3  |
| 111     | 37.9  | 32.5  | 48.7  |



#14  
1,2-Dichlorobenzene  
Concen: 3.884 ng  
RT: 8.245 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.2  | 50.7  | 76.1  |
| 111     | 40.1  | 33.9  | 50.9  |

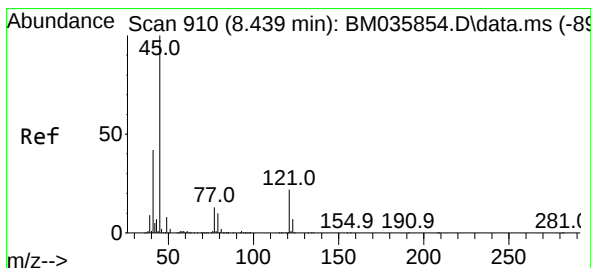
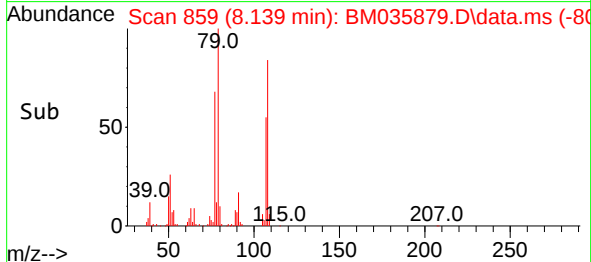
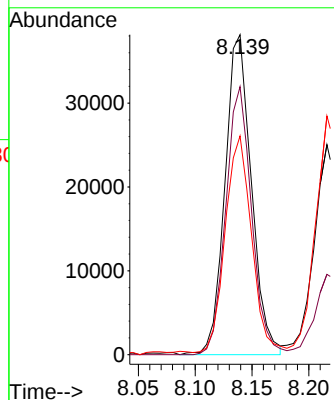
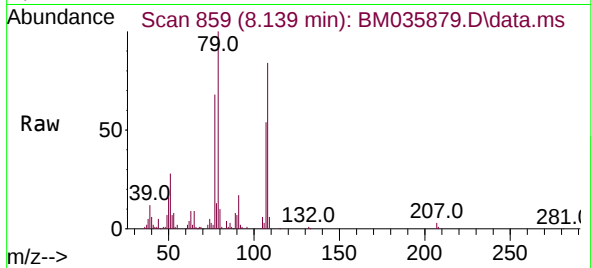




#15  
Benzyl Alcohol  
Concen: 3.543 ng  
RT: 8.139 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

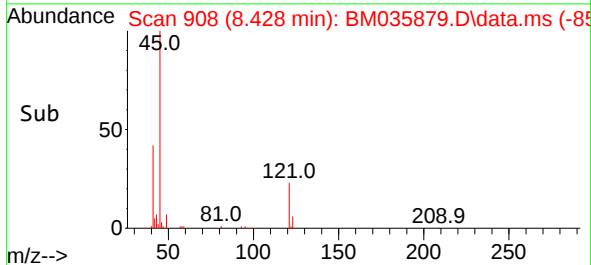
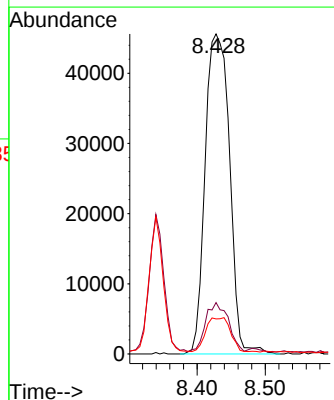
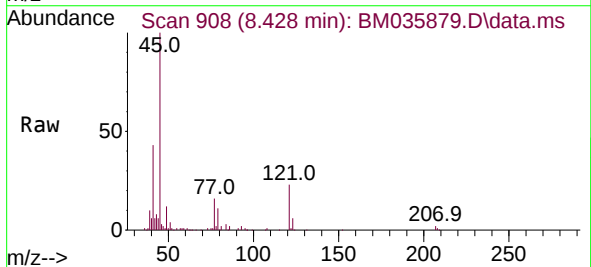
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

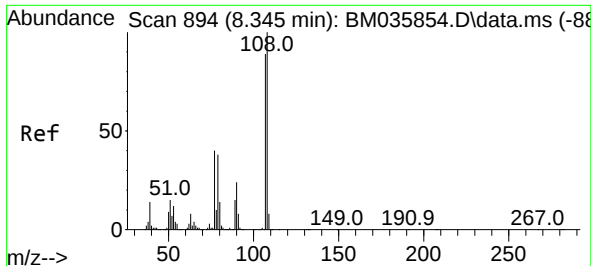
Tgt Ion: 79 Resp: 61706  
Ion Ratio Lower Upper  
79 100  
108 83.7 59.0 88.4  
77 68.3 52.2 78.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.064 ng  
RT: 8.428 min Scan# 908  
Delta R.T. -0.012 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion: 45 Resp: 113660  
Ion Ratio Lower Upper  
45 100  
77 16.0 0.0 33.1  
79 11.0 0.0 30.5

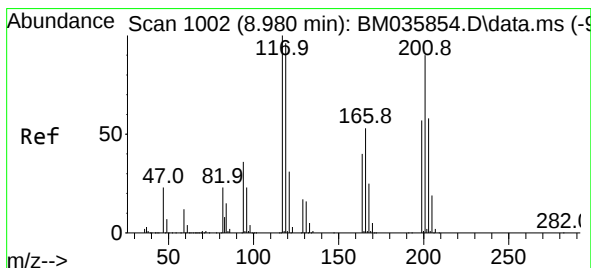
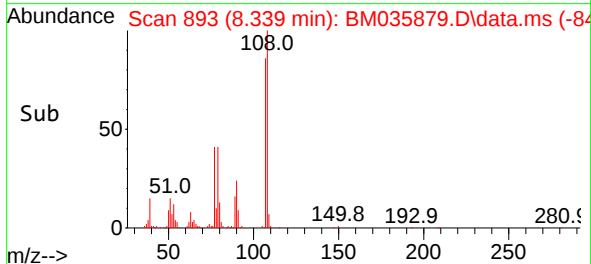
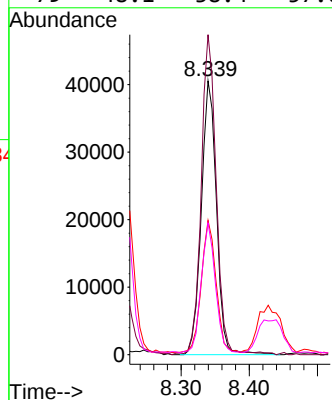
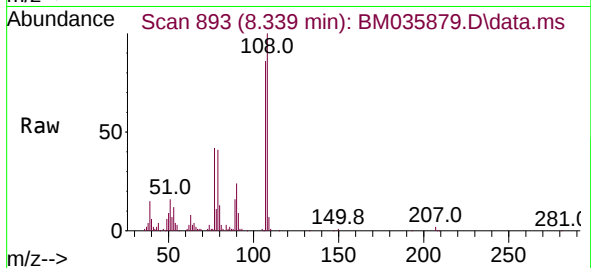




#17  
2-Methylphenol  
Concen: 3.639 ng  
RT: 8.339 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

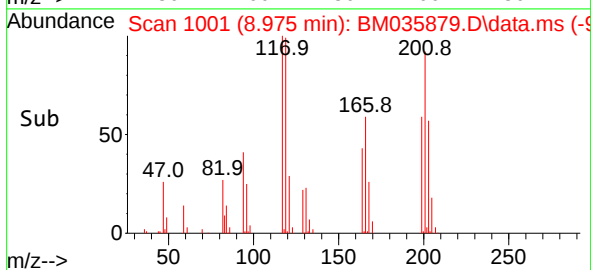
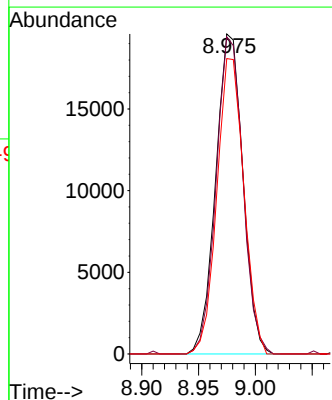
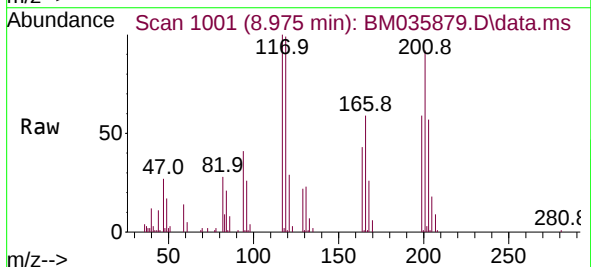
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

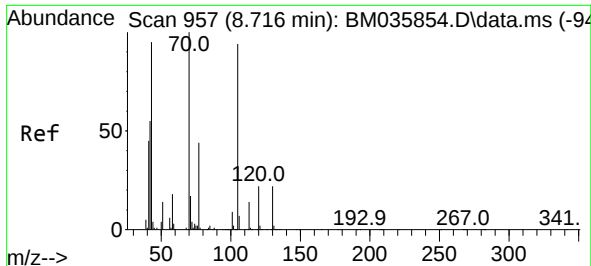
Tgt Ion:107 Resp: 62888  
Ion Ratio Lower Upper  
107 100  
108 116.9 88.7 133.1  
77 49.0 40.6 60.8  
79 48.1 38.4 57.6



#18  
Hexachloroethane  
Concen: 3.679 ng  
RT: 8.975 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:117 Resp: 32648  
Ion Ratio Lower Upper  
117 100  
119 99.1 75.8 113.6  
201 92.3 81.0 121.4



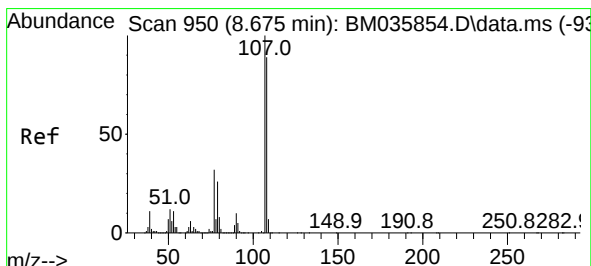
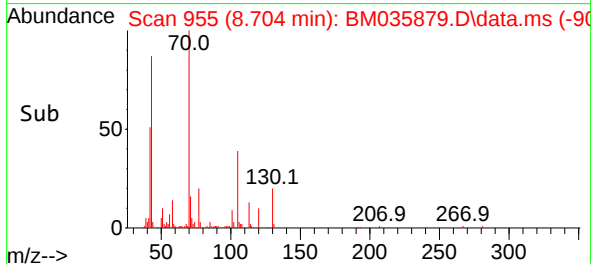
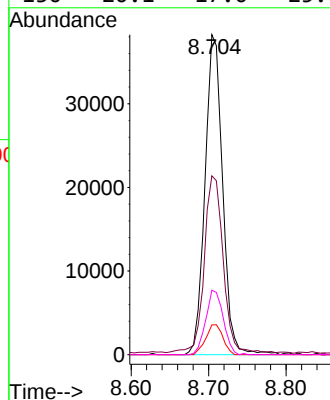
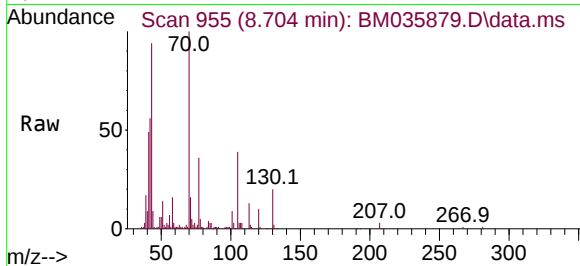


#19  
n-Nitroso-di-n-propylamine  
Concen: 3.947 ng  
RT: 8.704 min Scan# 911  
Delta R.T. -0.012 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

Tgt Ion: 70 Resp: 60491

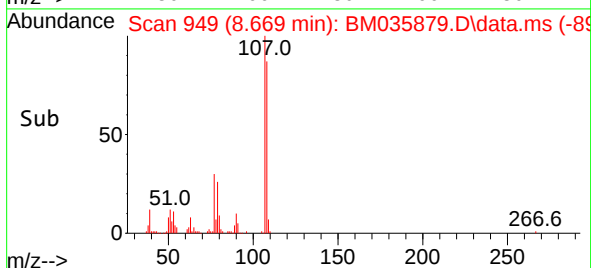
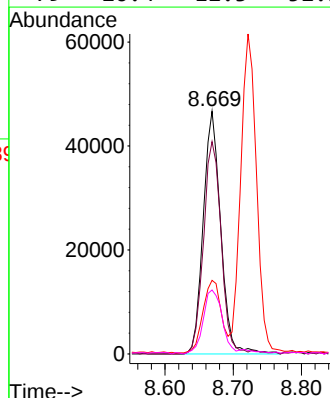
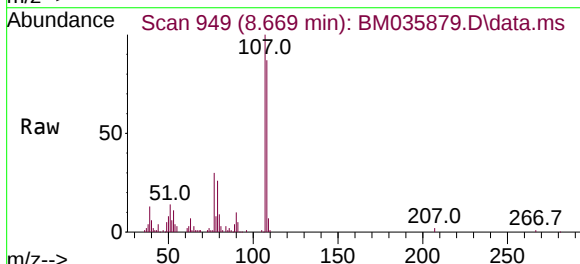
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 55.9  | 55.4  | 83.2  |
| 101 | 9.3   | 7.8   | 11.6  |
| 130 | 20.1  | 17.0  | 25.6  |

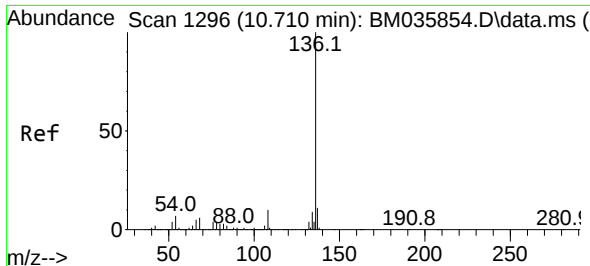


#20  
3+4-Methylphenols  
Concen: 3.567 ng  
RT: 8.669 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion: 107 Resp: 83332

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.5  | 69.3  | 109.3 |
| 77  | 30.4  | 15.8  | 55.8  |
| 79  | 26.4  | 12.3  | 52.3  |

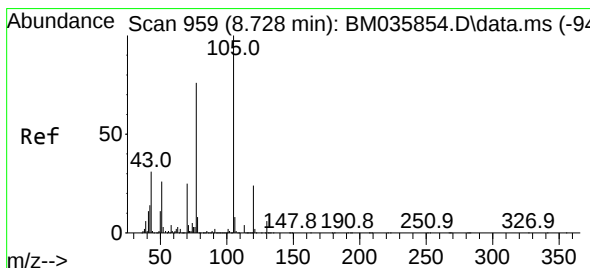
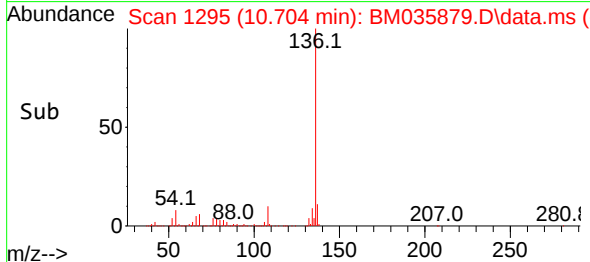
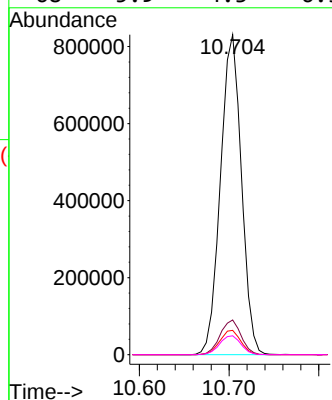
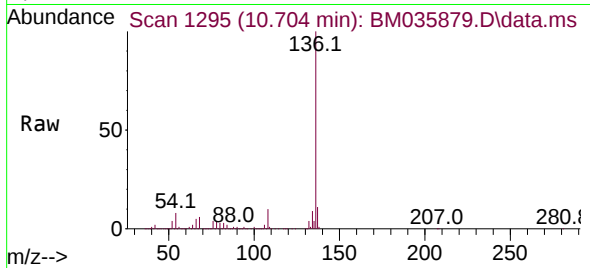




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

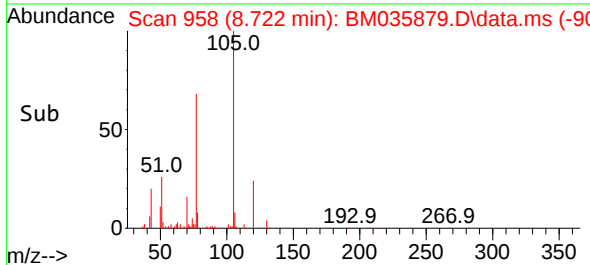
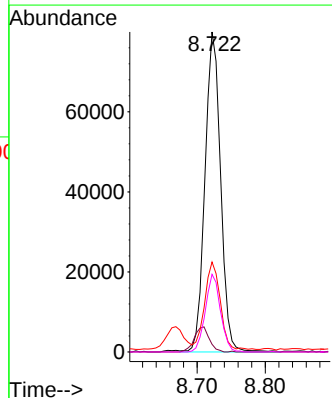
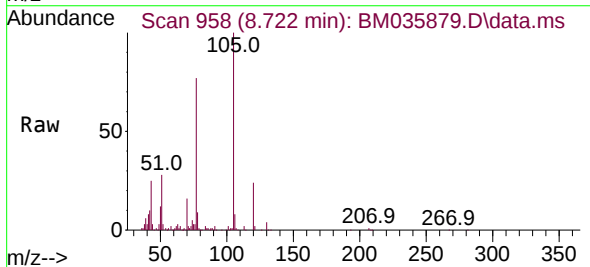
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

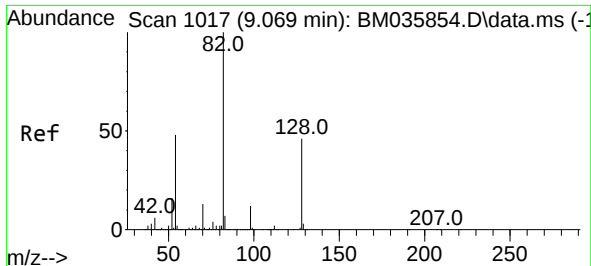
Tgt Ion:136 Resp: 1347594  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.9 13.3  
54 7.6 7.0 10.4  
68 5.9 4.3 6.5



#22  
Acetophenone  
Concen: 3.831 ng  
RT: 8.722 min Scan# 958  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:105 Resp: 127584  
Ion Ratio Lower Upper  
105 100  
71 2.4 5.0 7.4#  
51 28.1 25.6 38.4  
120 24.2 17.8 26.8

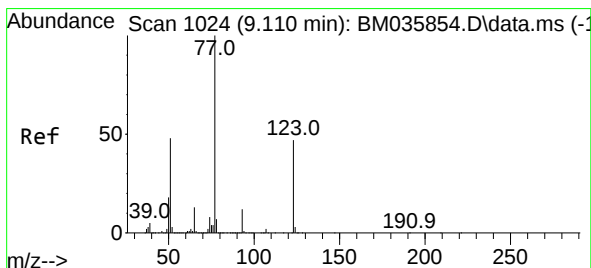
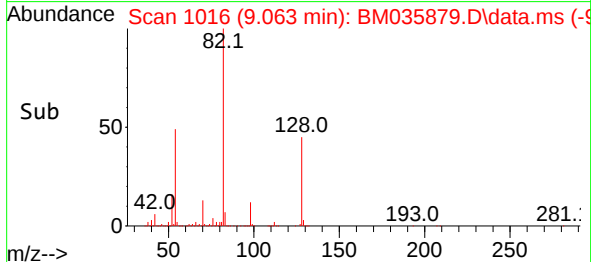
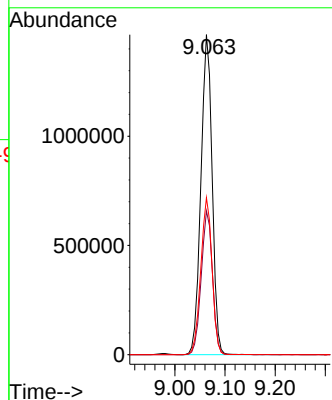
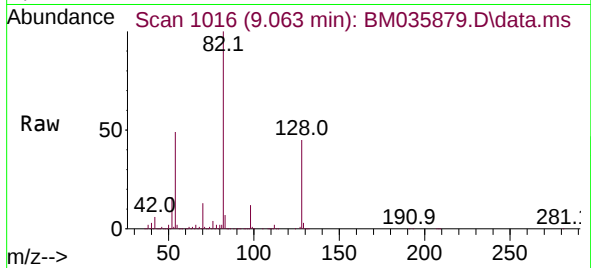




#23  
Nitrobenzene-d5  
Concen: 90.410 ng  
RT: 9.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

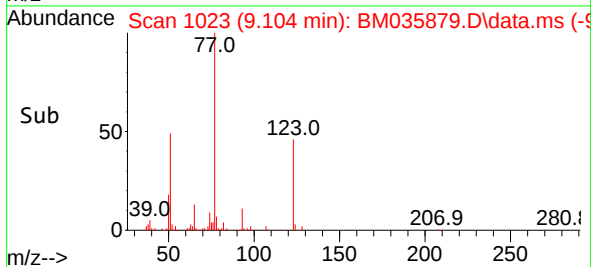
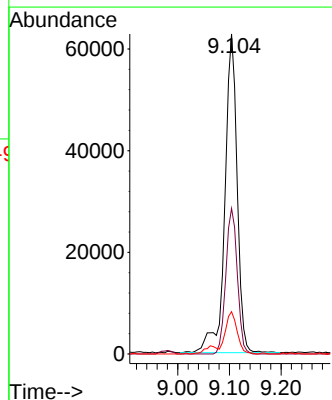
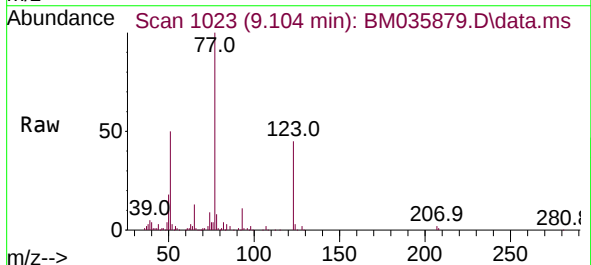
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

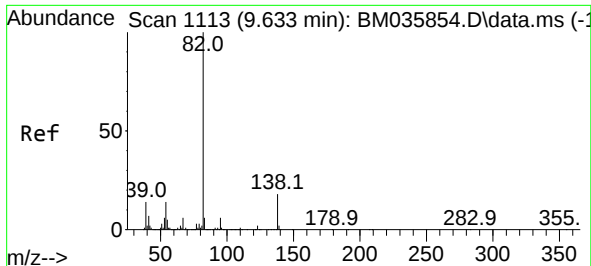
Tgt Ion: 82 Resp: 2278018  
Ion Ratio Lower Upper  
82 100  
128 44.9 33.7 50.5  
54 49.1 43.2 64.8



#24  
Nitrobenzene  
Concen: 4.390 ng  
RT: 9.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion: 77 Resp: 103884  
Ion Ratio Lower Upper  
77 100  
123 45.5 36.2 54.4  
65 13.2 11.4 17.0

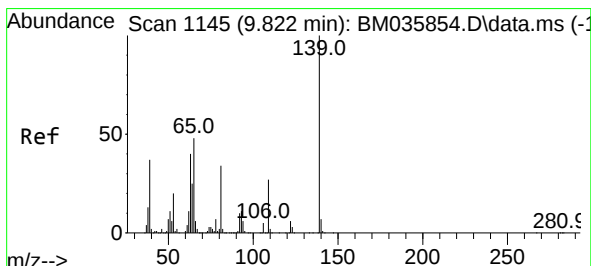
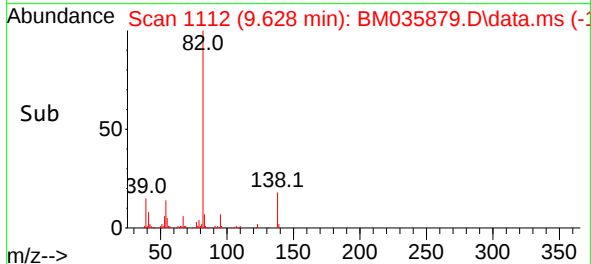
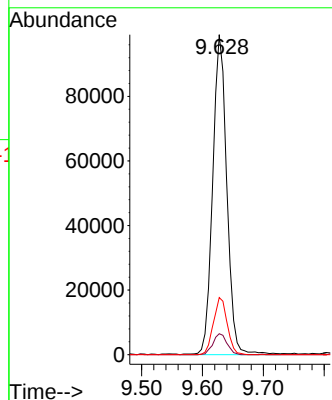
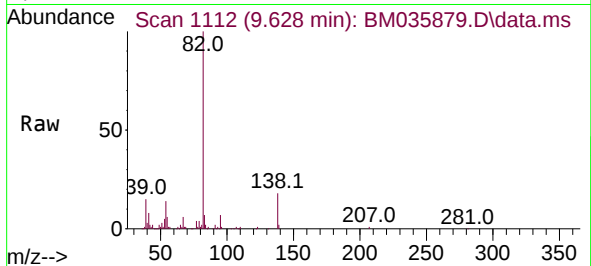




#25  
Isophorone  
Concen: 4.055 ng  
RT: 9.628 min Scan# 1112  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

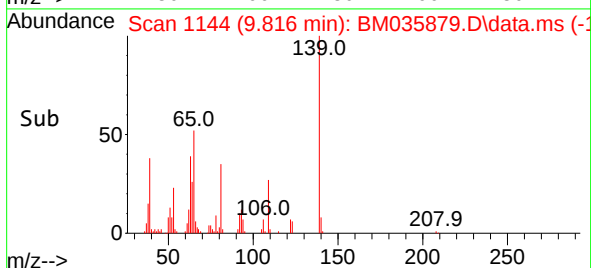
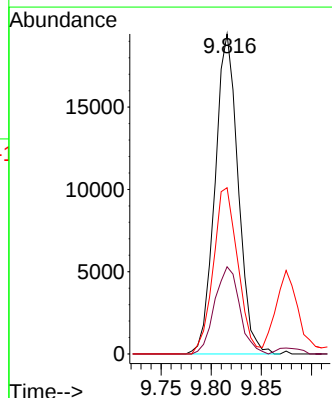
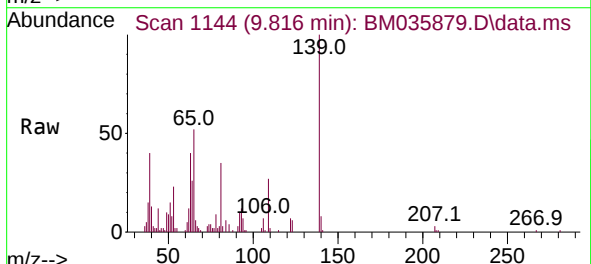
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

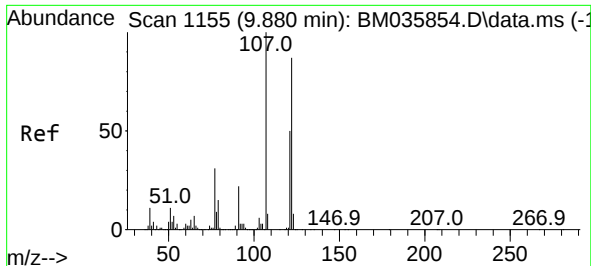
Tgt Ion: 82 Resp: 159815  
Ion Ratio Lower Upper  
82 100  
95 6.5 6.4 9.6  
138 17.8 14.2 21.4



#26  
2-Nitrophenol  
Concen: 2.925 ng  
RT: 9.816 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion: 139 Resp: 31178  
Ion Ratio Lower Upper  
139 100  
109 27.3 25.6 38.4  
65 51.9 43.2 64.8

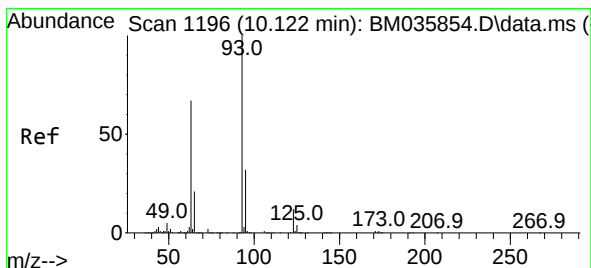
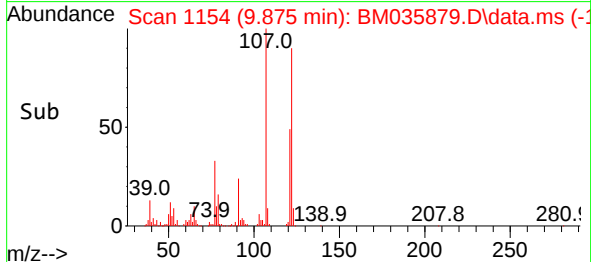
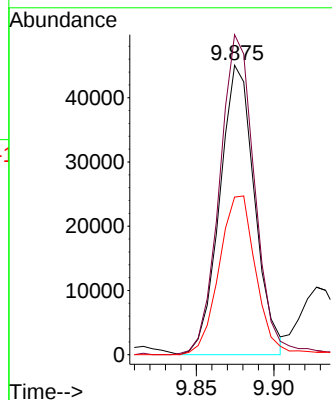
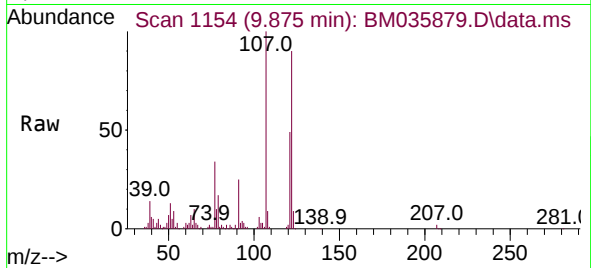




#27  
2,4-Dimethylphenol  
Concen: 4.195 ng  
RT: 9.875 min Scan# 1154  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

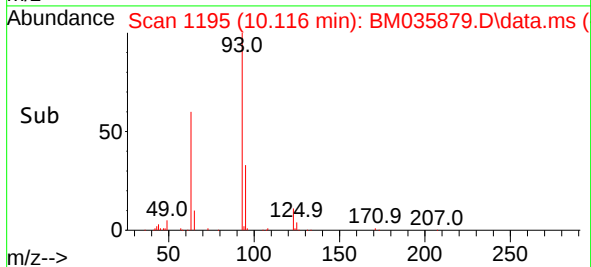
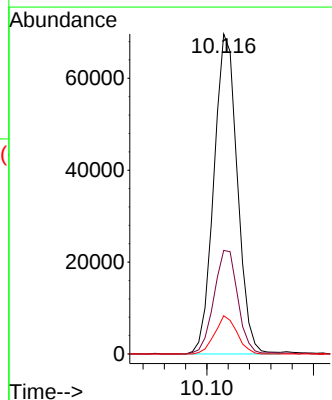
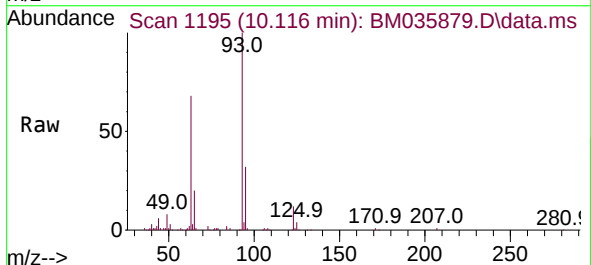
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-03-QT2-2022

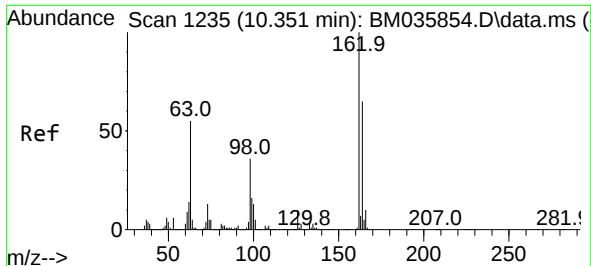
Tgt Ion:122 Resp: 70544  
Ion Ratio Lower Upper  
122 100  
107 110.6 92.4 138.6  
121 54.5 47.4 71.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 3.884 ng  
RT: 10.116 min Scan# 1195  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion: 93 Resp: 106557  
Ion Ratio Lower Upper  
93 100  
95 32.3 26.1 39.1  
123 11.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 3.300 ng

RT: 10.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

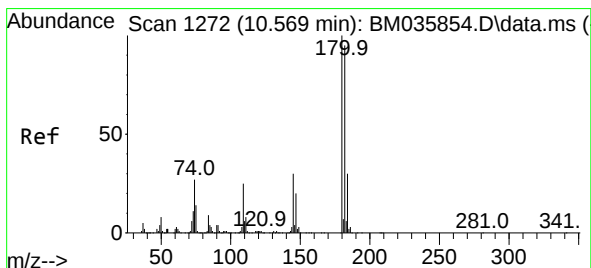
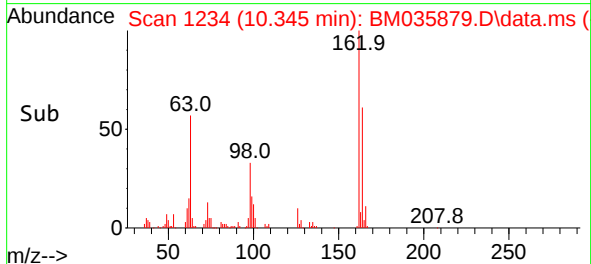
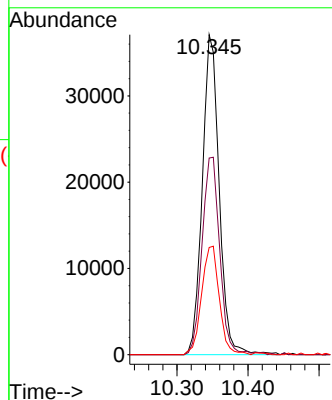
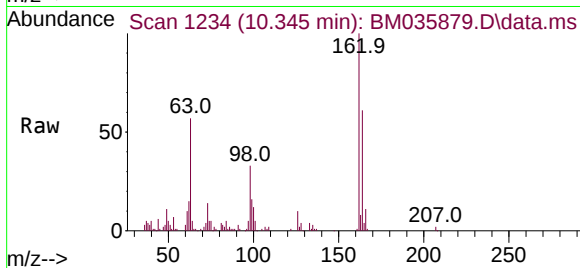
Tgt Ion:162 Resp: 61519

Ion Ratio Lower Upper

162 100

164 61.5 44.2 84.2

98 33.5 15.0 55.0



#30

1,2,4-Trichlorobenzene

Concen: 3.652 ng

RT: 10.563 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

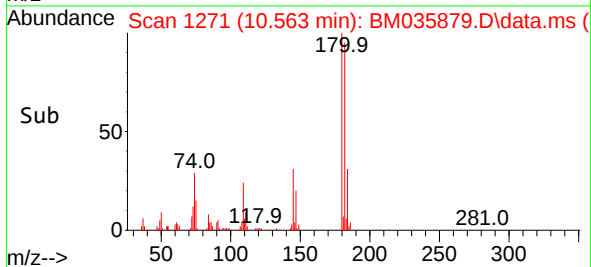
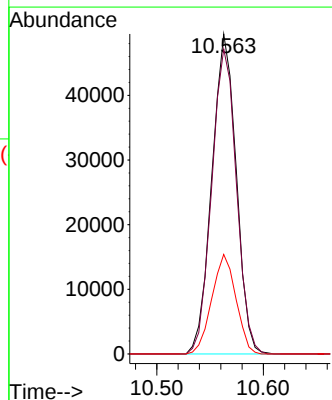
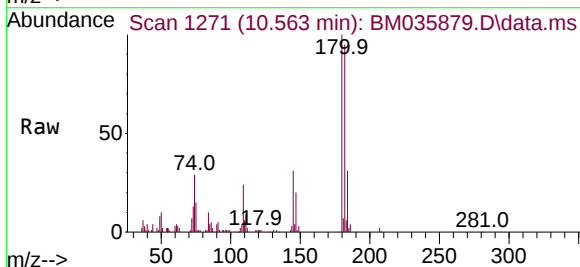
Tgt Ion:180 Resp: 78574

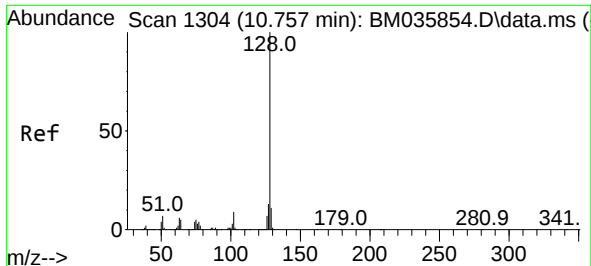
Ion Ratio Lower Upper

180 100

182 95.3 77.9 116.9

145 31.1 25.0 37.6

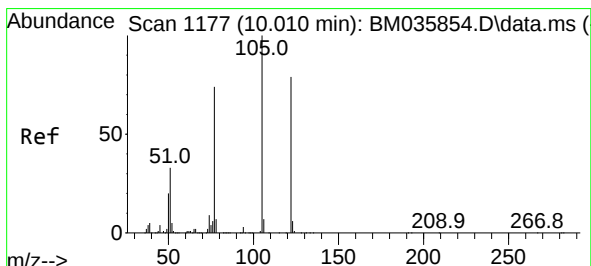
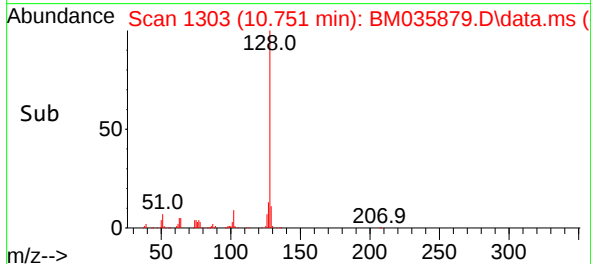
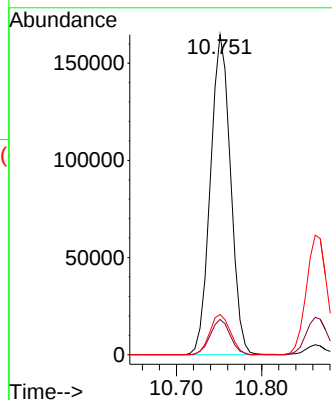
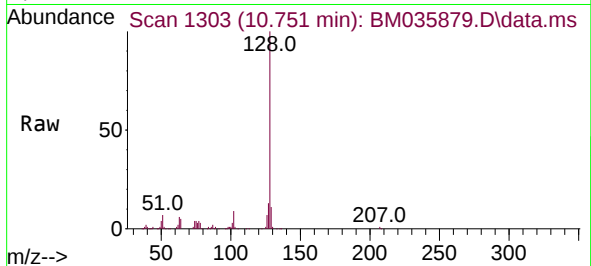




#31  
Naphthalene  
Concen: 3.946 ng  
RT: 10.751 min Scan# 1163  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

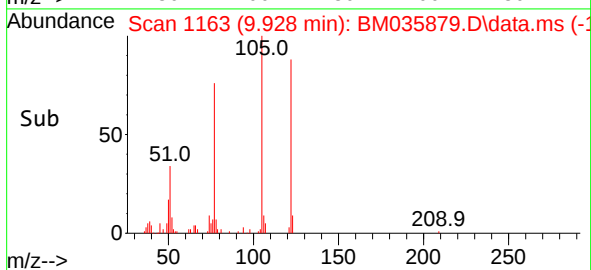
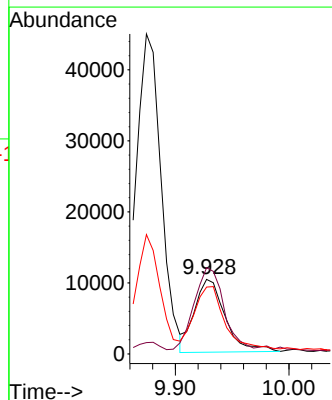
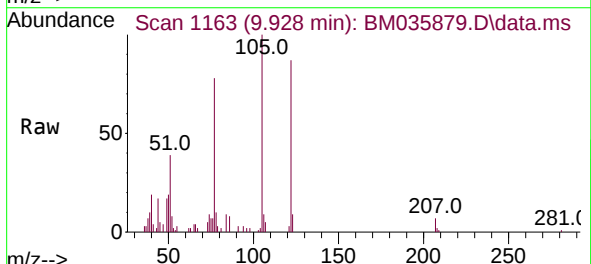
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

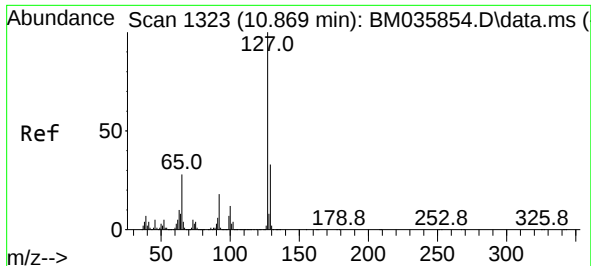
Tgt Ion:128 Resp: 270163  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 12.5 10.6 16.0



#32  
Benzoic acid  
Concen: 1.519 ng  
RT: 9.928 min Scan# 1163  
Delta R.T. -0.082 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:122 Resp: 19319  
Ion Ratio Lower Upper  
122 100  
105 115.6 105.7 145.7  
77 89.6 80.0 120.0

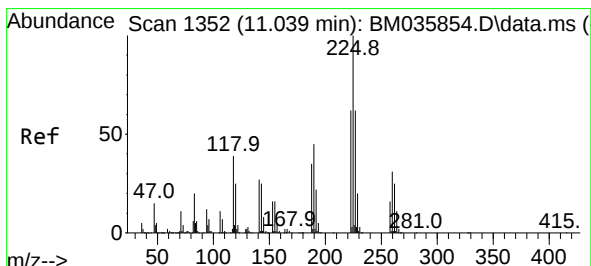
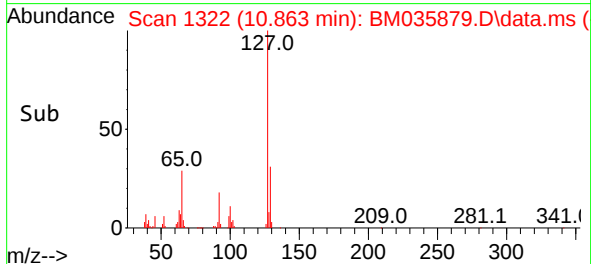
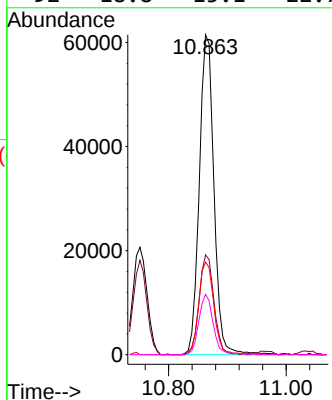
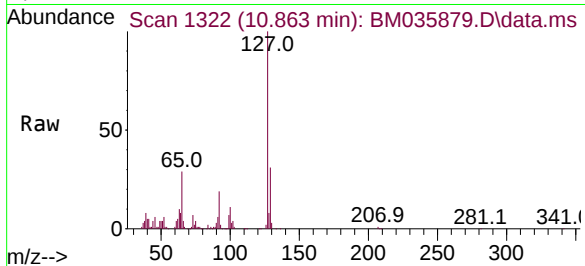




#33  
4-Chloroaniline  
Concen: 3.884 ng  
RT: 10.863 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

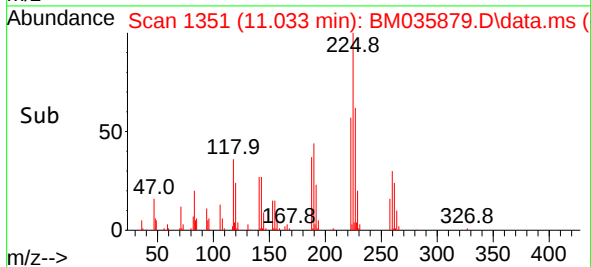
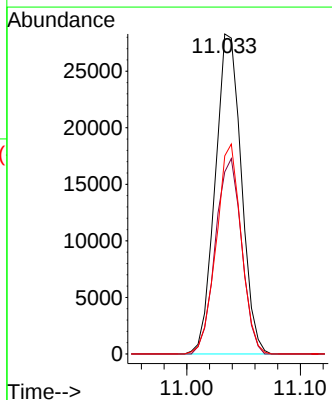
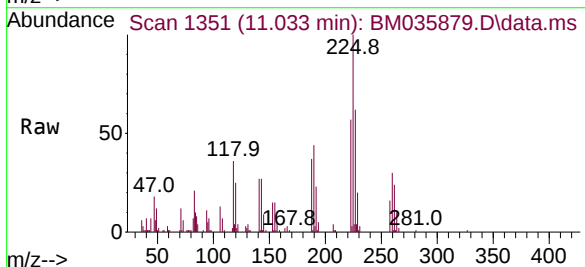
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

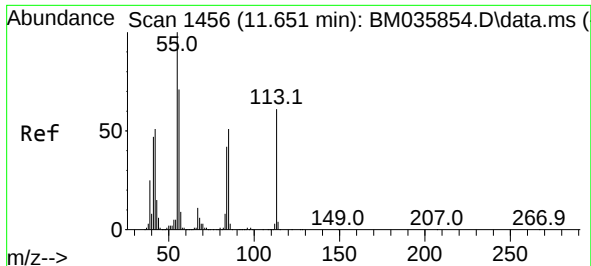
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 106396 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.2  | 25.7  | 38.5   |
| 65       | 28.9  | 26.6  | 40.0   |
| 92       | 18.8  | 15.1  | 22.7   |



#34  
Hexachlorobutadiene  
Concen: 3.657 ng  
RT: 11.033 min Scan# 1351  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 45160 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 56.9  | 50.8  | 76.2  |
| 227      | 65.6  | 52.7  | 79.1  |

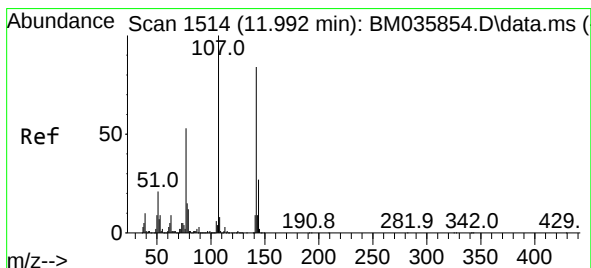
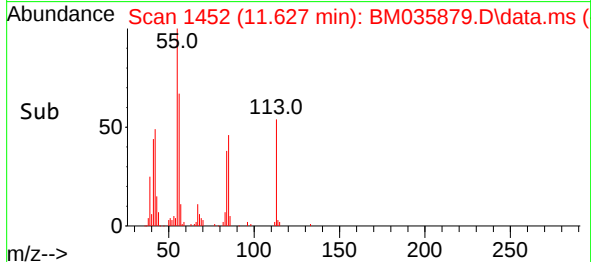
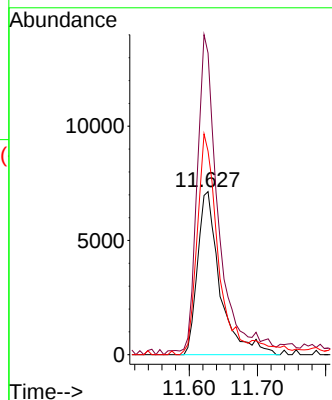
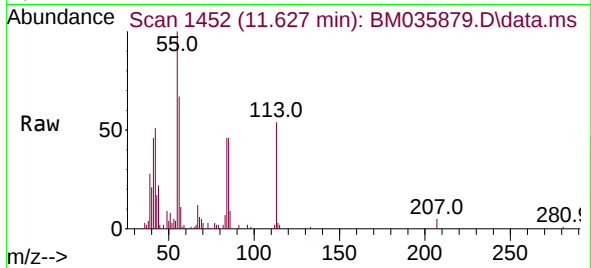




#35  
Caprolactam  
Concen: 2.869 ng  
RT: 11.627 min Scan# 1456  
Delta R.T. -0.023 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

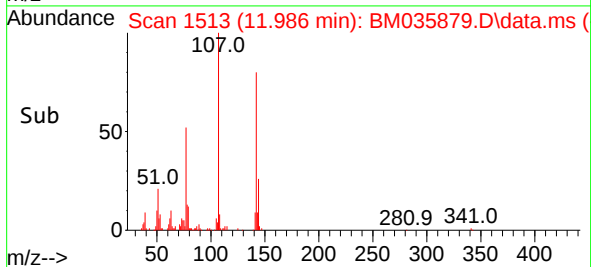
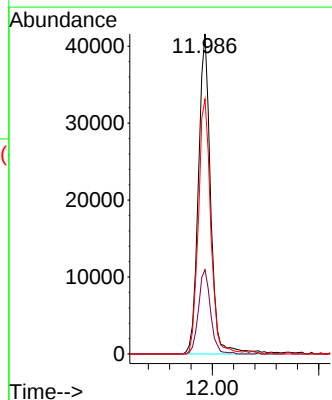
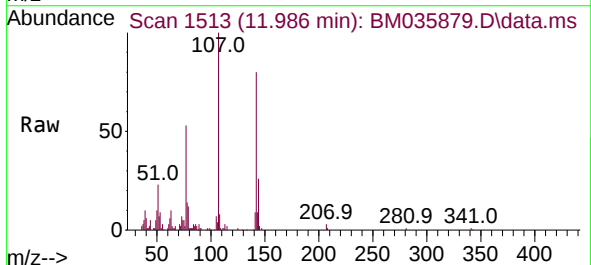
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

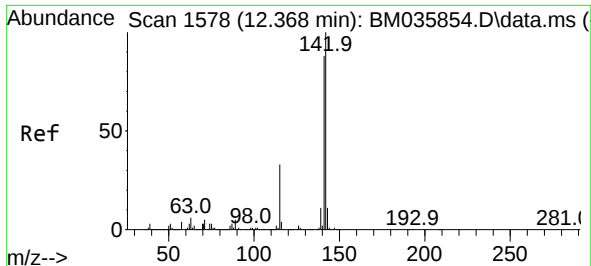
Tgt Ion:113 Resp: 16360  
Ion Ratio Lower Upper  
113 100  
55 185.0 150.1 190.1  
56 124.8 111.7 151.7



#36  
4-Chloro-3-methylphenol  
Concen: 3.467 ng  
RT: 11.986 min Scan# 1513  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:107 Resp: 66287  
Ion Ratio Lower Upper  
107 100  
144 26.4 21.4 32.0  
142 79.6 66.7 100.1

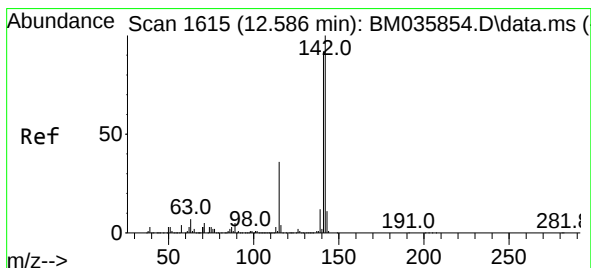
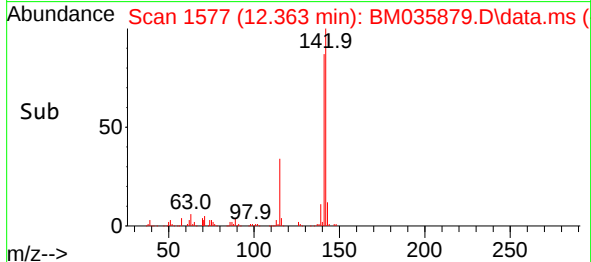
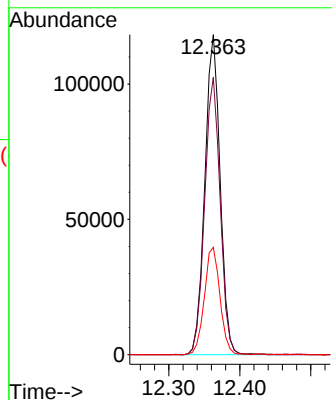
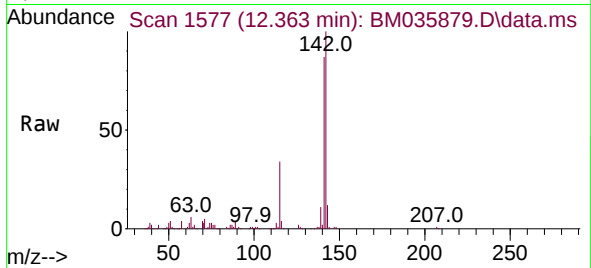




#37  
2-Methylnaphthalene  
Concen: 3.984 ng  
RT: 12.363 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

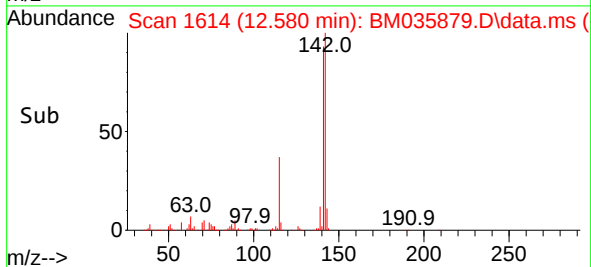
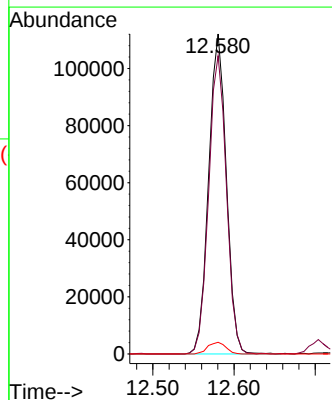
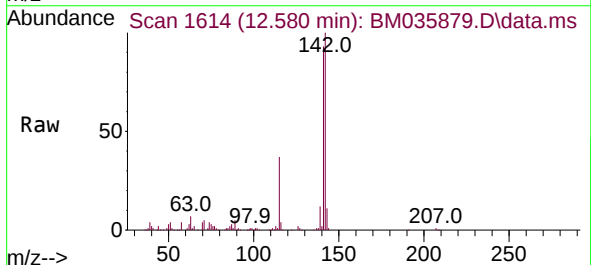
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

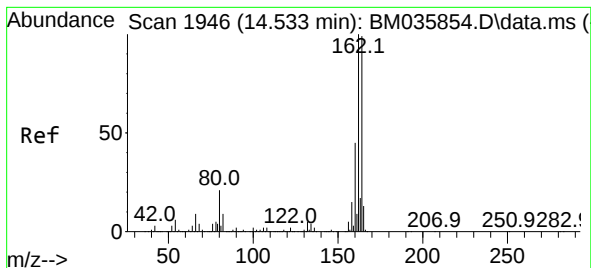
Tgt Ion:142 Resp: 177454  
Ion Ratio Lower Upper  
142 100  
141 86.7 72.4 108.6  
115 33.6 29.6 44.4



#38  
1-Methylnaphthalene  
Concen: 3.909 ng  
RT: 12.580 min Scan# 1614  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:142 Resp: 169465  
Ion Ratio Lower Upper  
142 100  
141 93.2 75.0 112.4  
116 3.6 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.533 min Scan# 1946

Delta R.T. 0.000 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

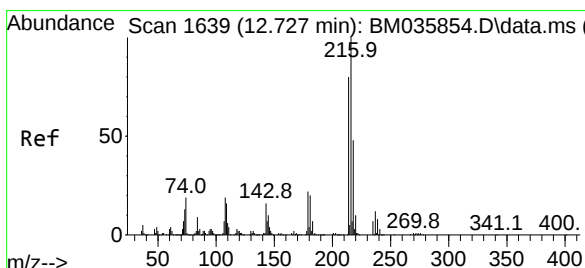
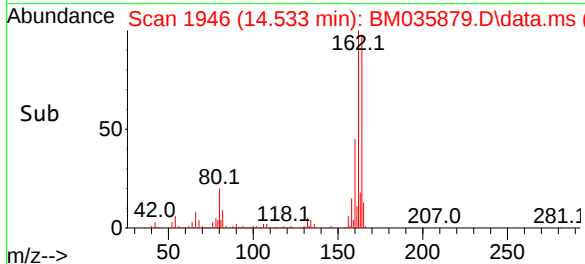
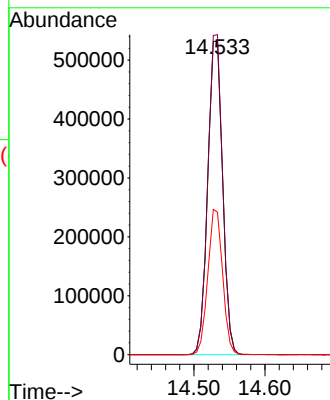
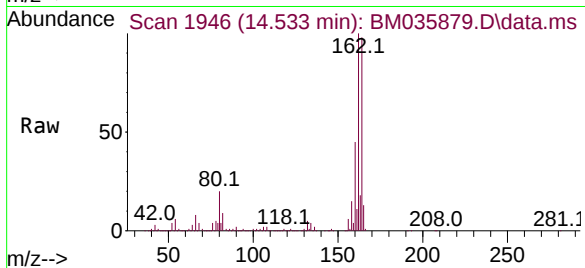
Tgt Ion:164 Resp: 778097

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.6

160 45.5 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.744 ng

RT: 12.722 min Scan# 1638

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Tgt Ion:216 Resp: 83224

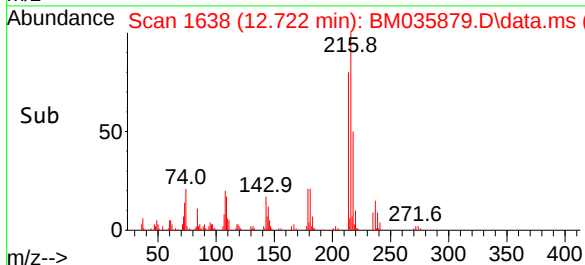
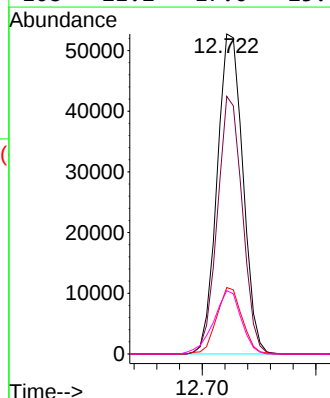
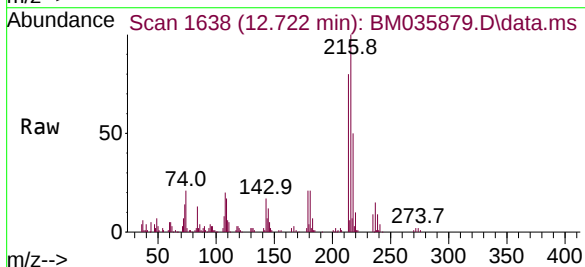
Ion Ratio Lower Upper

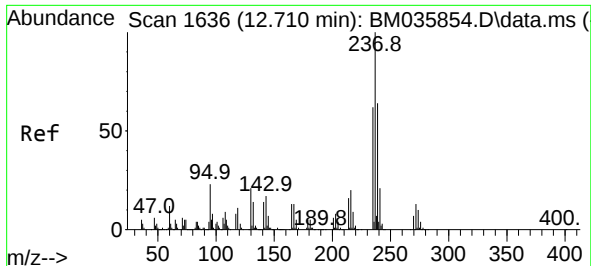
216 100

214 77.8 62.6 94.0

179 20.4 18.2 27.2

108 21.2 17.0 25.6

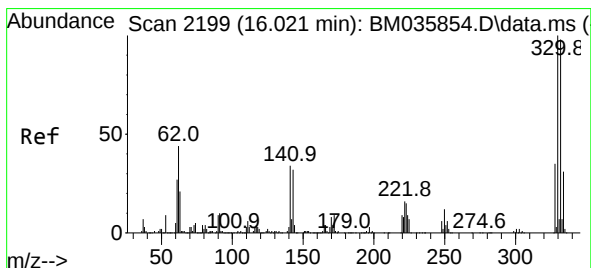
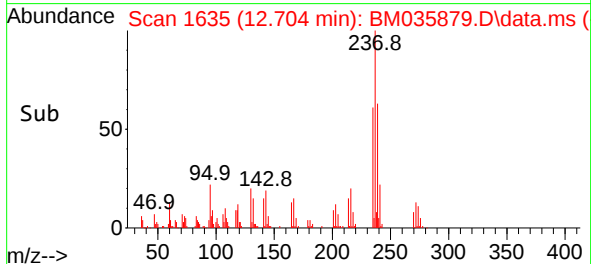
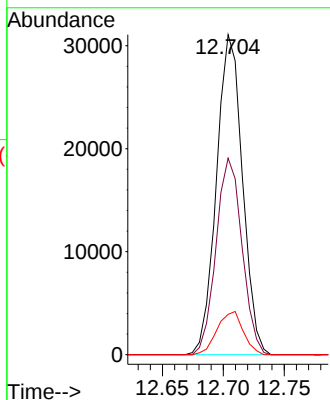
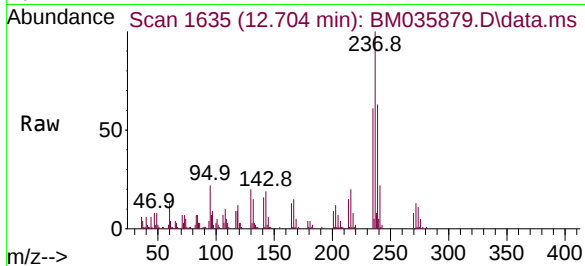




#41  
Hexachlorocyclopentadiene  
Concen: 3.857 ng  
RT: 12.704 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

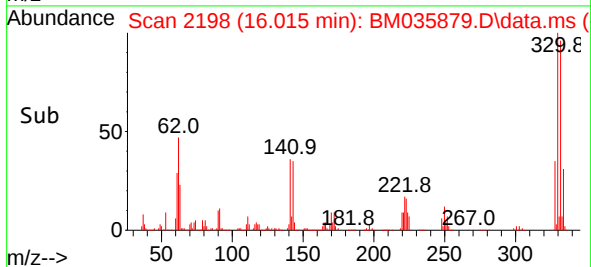
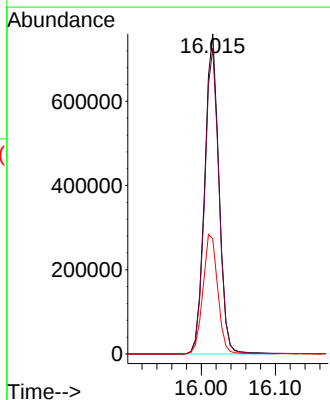
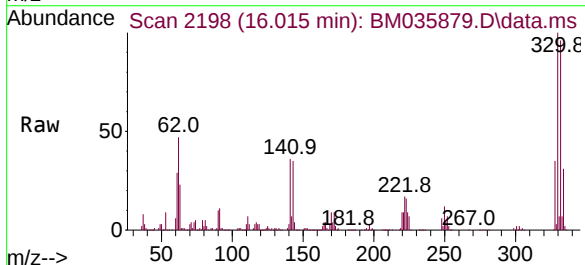
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

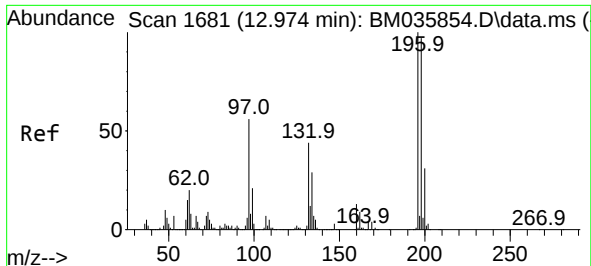
Tgt Ion:237 Resp: 46218  
Ion Ratio Lower Upper  
237 100  
235 61.4 43.8 83.8  
272 12.6 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 116.644 ng  
RT: 16.015 min Scan# 2198  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:330 Resp: 1015208  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.0 115.4  
141 38.9 35.3 52.9

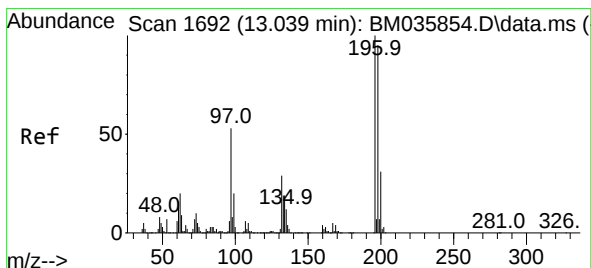
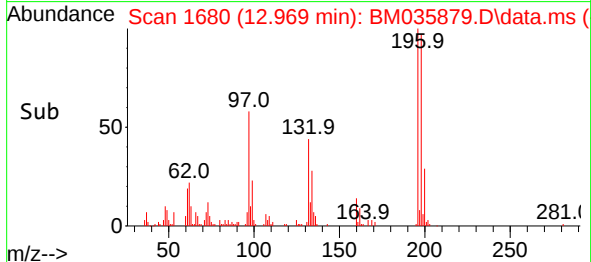
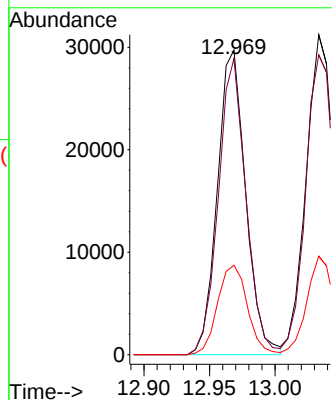
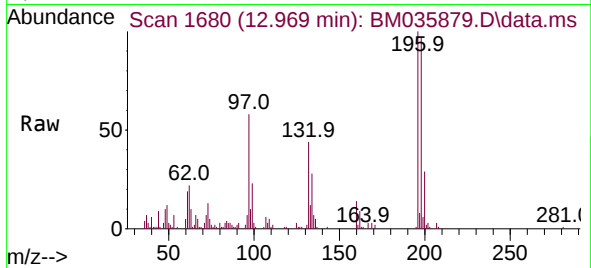




#43  
2,4,6-Trichlorophenol  
Concen: 3.041 ng  
RT: 12.969 min Scan# 1680  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

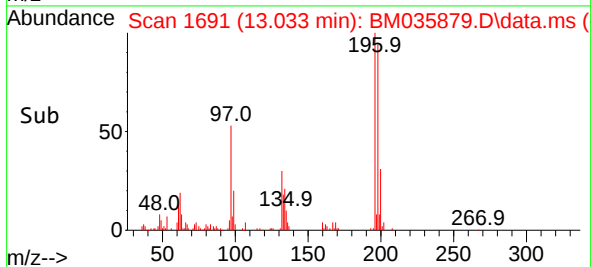
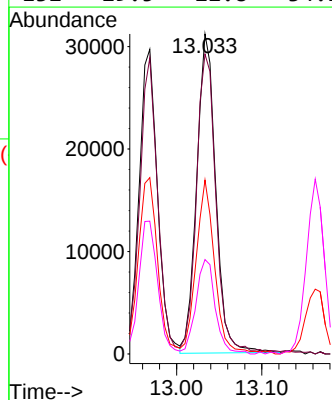
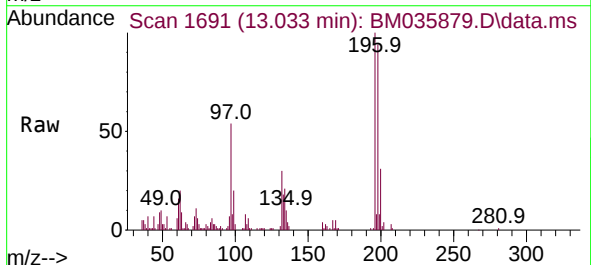
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

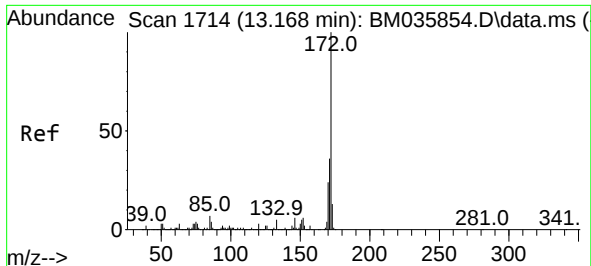
Tgt Ion:196 Resp: 44680  
Ion Ratio Lower Upper  
196 100  
198 97.3 75.8 113.6  
200 29.4 24.9 37.3



#44  
2,4,5-Trichlorophenol  
Concen: 3.123 ng  
RT: 13.033 min Scan# 1691  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:196 Resp: 48379  
Ion Ratio Lower Upper  
196 100  
198 93.7 77.8 116.6  
97 54.3 43.4 65.2  
132 29.5 22.8 34.2

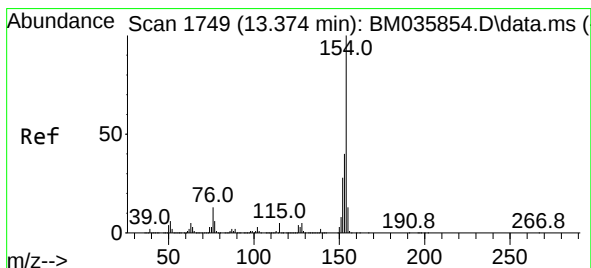
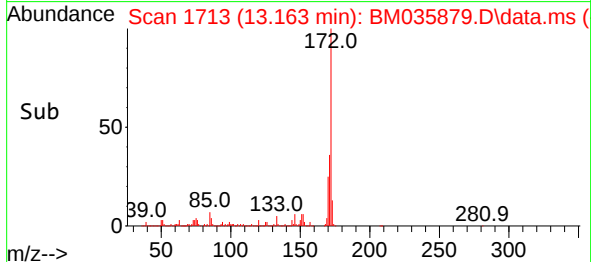
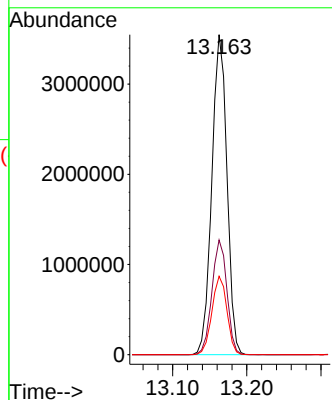
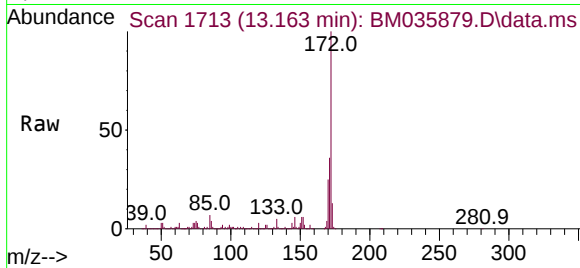




#45  
2-Fluorobiphenyl  
Concen: 91.206 ng  
RT: 13.163 min Scan# 1714  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

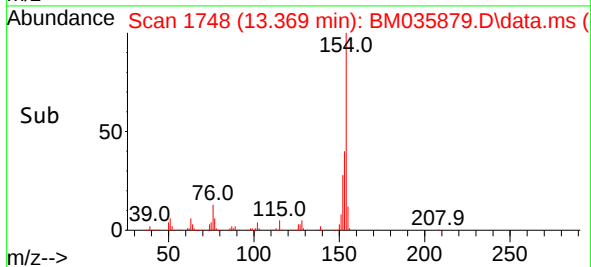
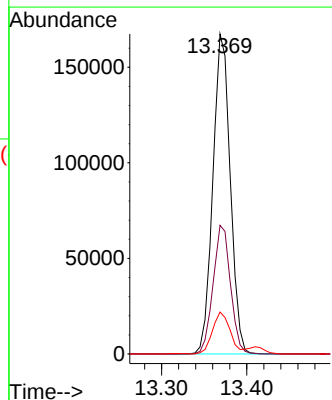
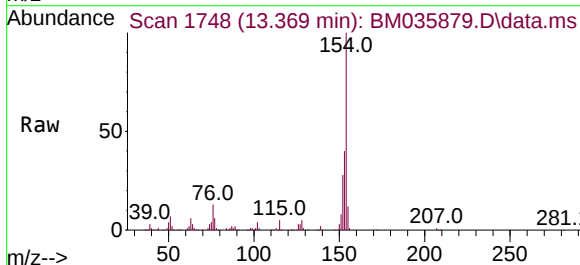
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

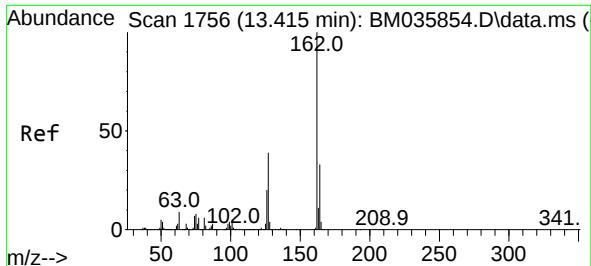
Tgt Ion:172 Resp: 5020625  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 24.5 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 4.016 ng  
RT: 13.369 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:154 Resp: 237703  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.5 60.5  
76 13.1 0.0 31.8





#47

2-Chloronaphthalene

Concen: 3.763 ng

RT: 13.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

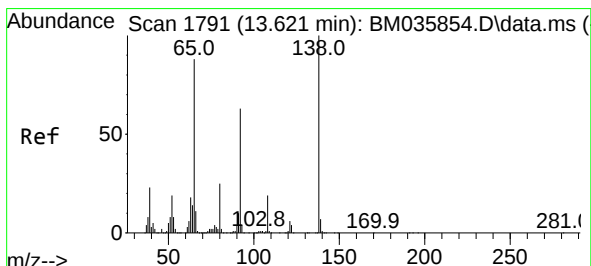
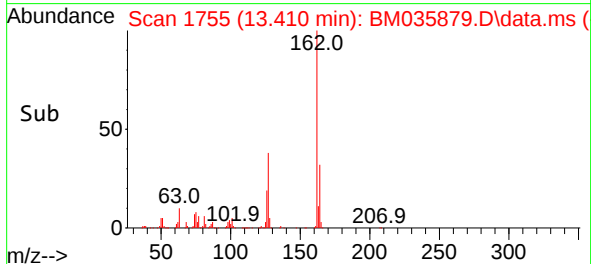
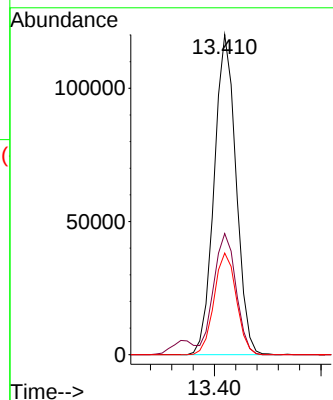
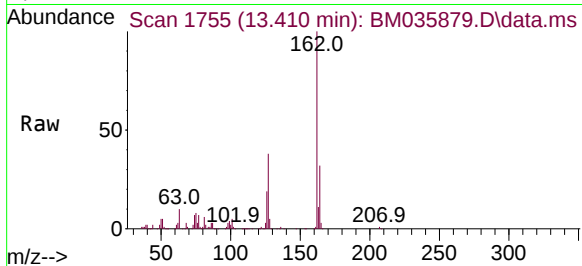
Tgt Ion:162 Resp: 171180

Ion Ratio Lower Upper

162 100

127 37.9 30.6 45.8

164 31.8 26.6 39.8



#48

2-Nitroaniline

Concen: 2.902 ng

RT: 13.616 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

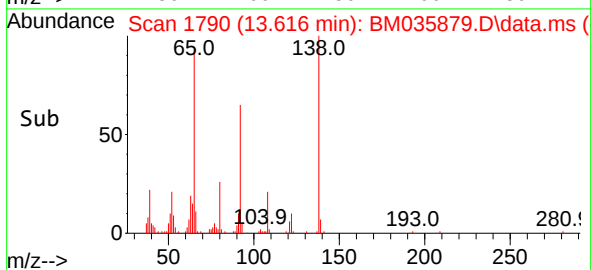
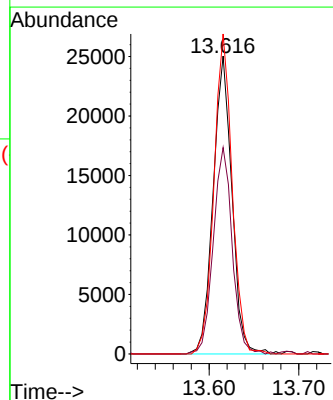
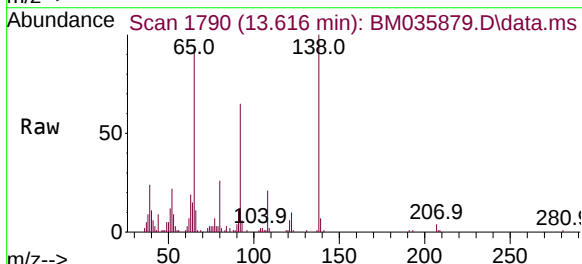
Tgt Ion: 65 Resp: 36377

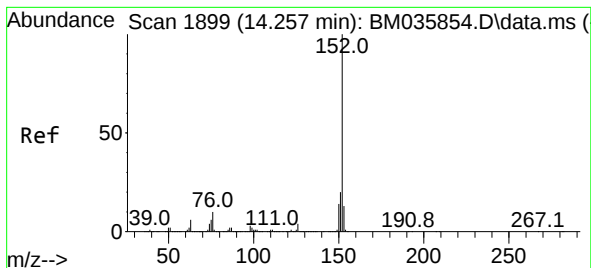
Ion Ratio Lower Upper

65 100

92 69.3 53.7 80.5

138 107.4 83.9 125.9





#49

Acenaphthylene

Concen: 3.817 ng

RT: 14.251 min Scan# 1899

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

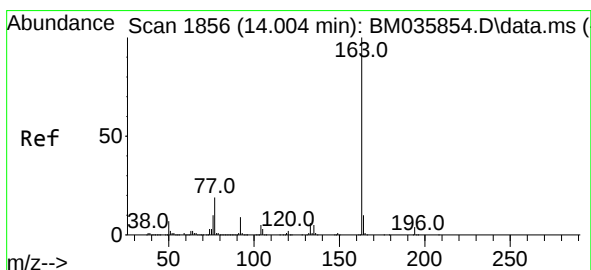
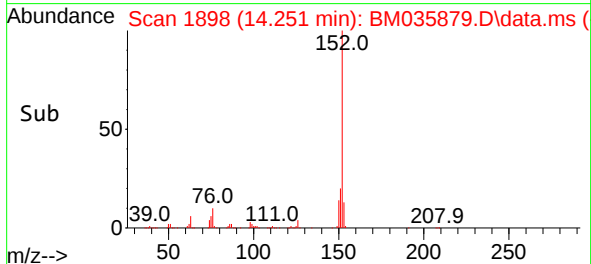
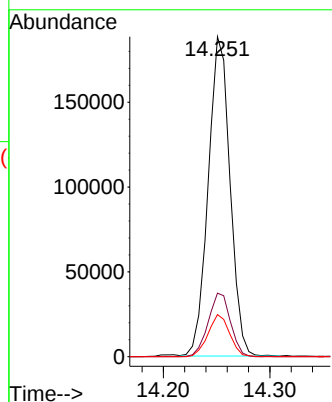
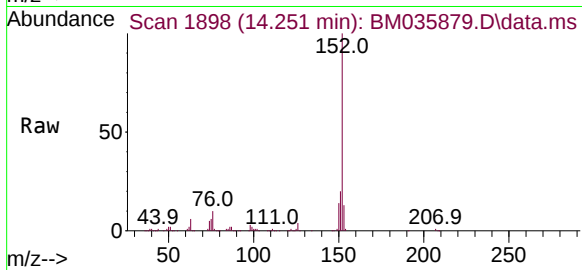
Tgt Ion:152 Resp: 267414

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 3.603 ng

RT: 13.992 min Scan# 1854

Delta R.T. -0.012 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

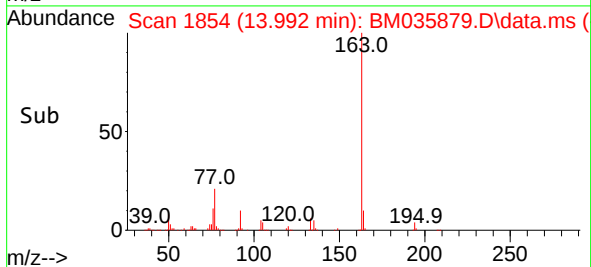
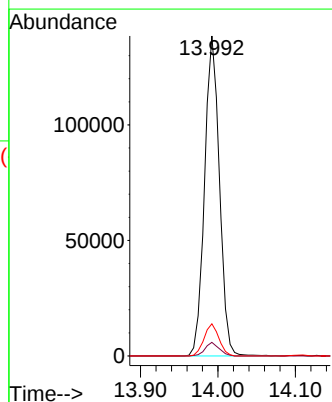
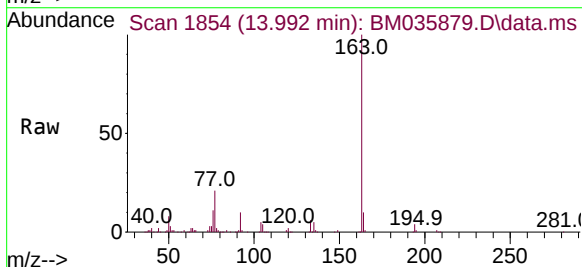
Tgt Ion:163 Resp: 184525

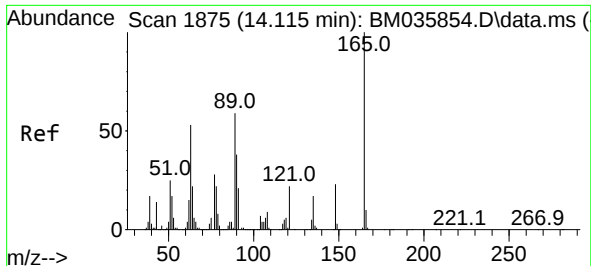
Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

164 10.0 8.4 12.6

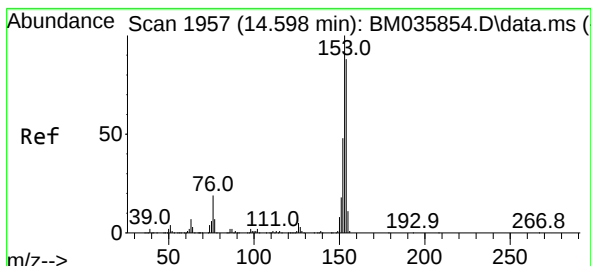
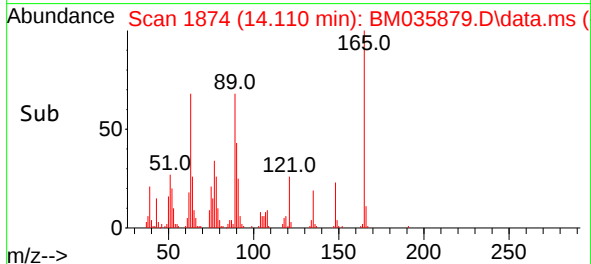
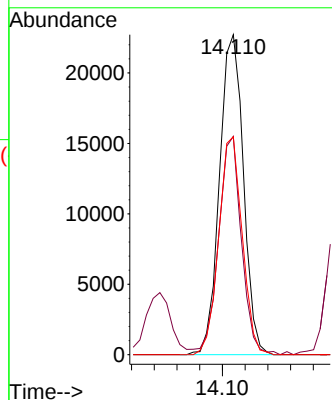
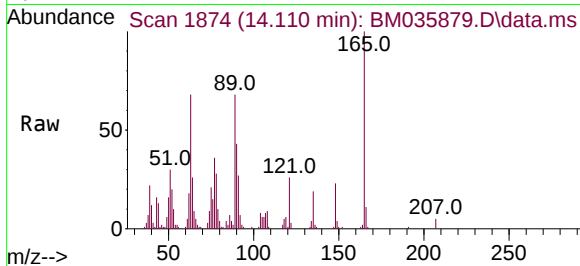




#51  
2,6-Dinitrotoluene  
Concen: 3.093 ng  
RT: 14.110 min Scan# 1875  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

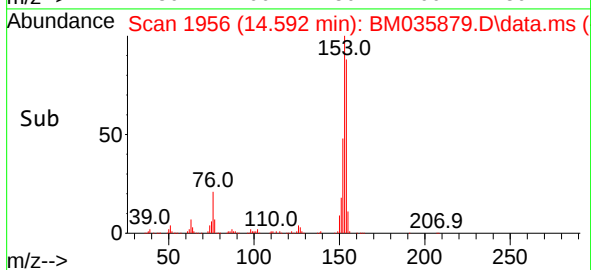
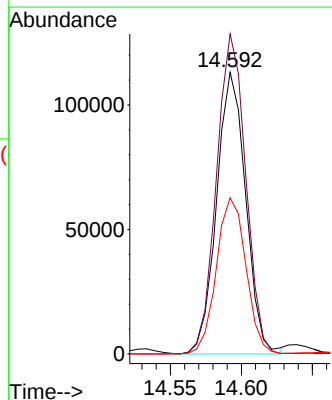
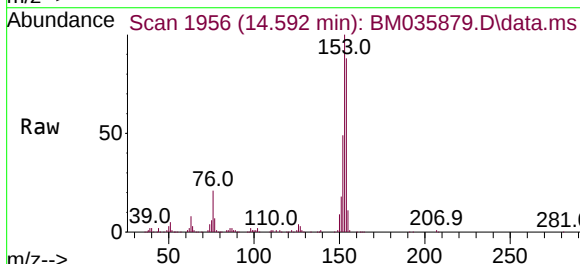
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

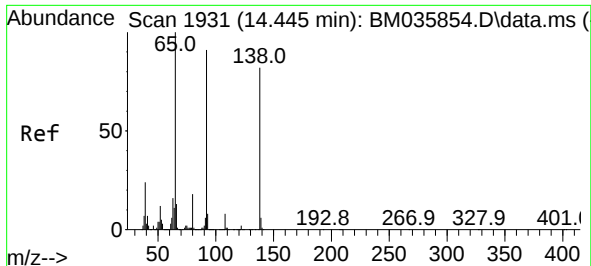
Tgt Ion:165 Resp: 33124  
Ion Ratio Lower Upper  
165 100  
63 68.2 50.2 75.2  
89 68.1 48.4 72.6



#52  
Acenaphthene  
Concen: 3.841 ng  
RT: 14.592 min Scan# 1956  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:154 Resp: 161186  
Ion Ratio Lower Upper  
154 100  
153 113.6 91.0 136.6  
152 55.5 43.4 65.2

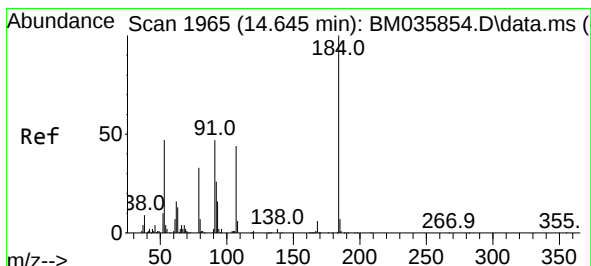
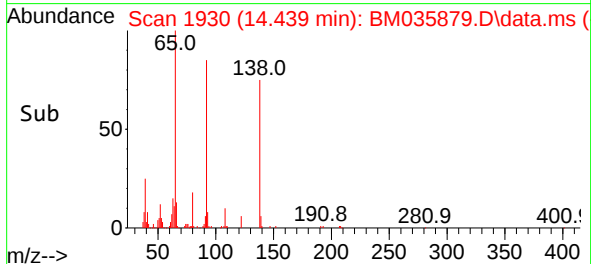
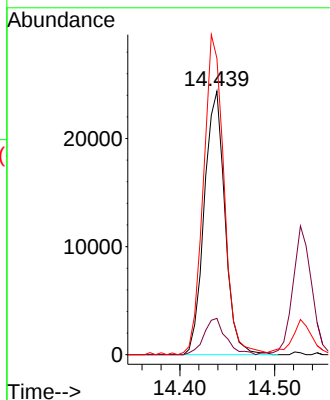
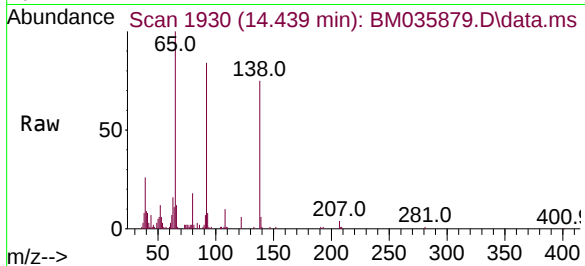




#53  
3-Nitroaniline  
Concen: 2.862 ng  
RT: 14.439 min Scan# 1931  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

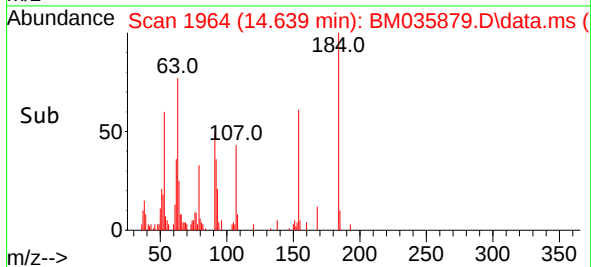
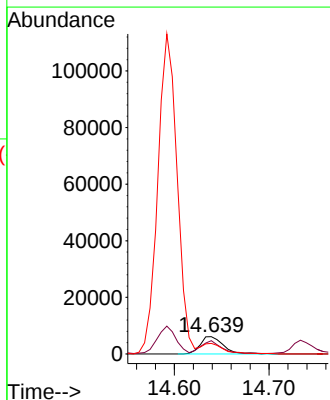
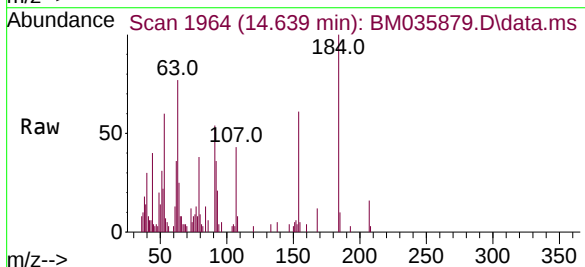
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-03-QT2-2022

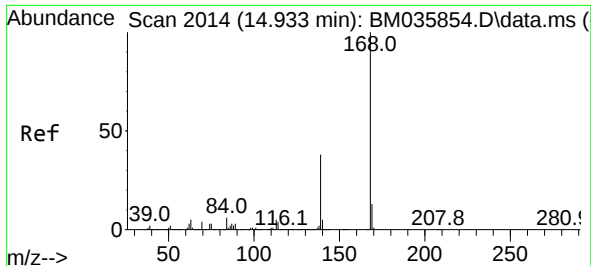
Tgt Ion:138 Resp: 36897  
Ion Ratio Lower Upper  
138 100  
108 13.8 8.7 13.1#  
92 112.5 91.5 137.3



#54  
2,4-Dinitrophenol  
Concen: 1.957 ng  
RT: 14.639 min Scan# 1964  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:184 Resp: 10328  
Ion Ratio Lower Upper  
184 100  
63 77.1 59.5 89.3  
154 61.5 55.6 83.4

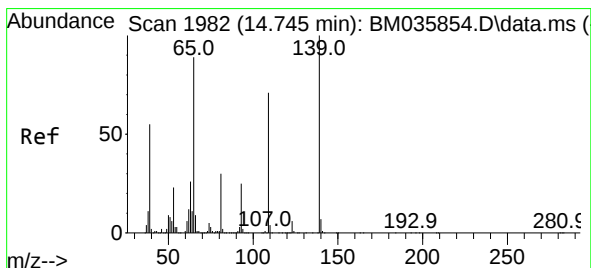
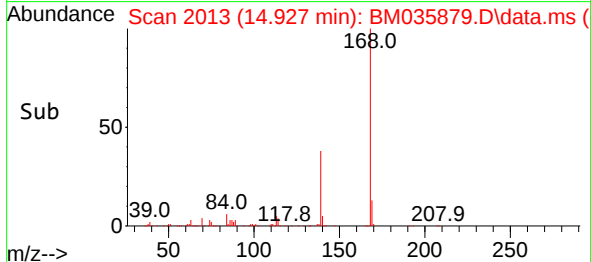
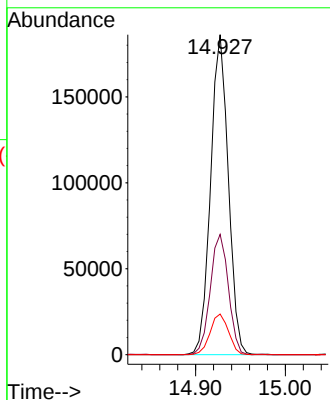
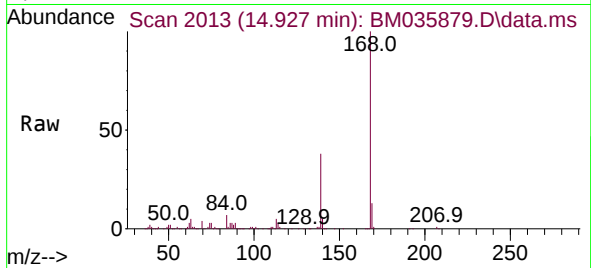




#55  
Dibenzenofuran  
Concen: 3.791 ng  
RT: 14.927 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

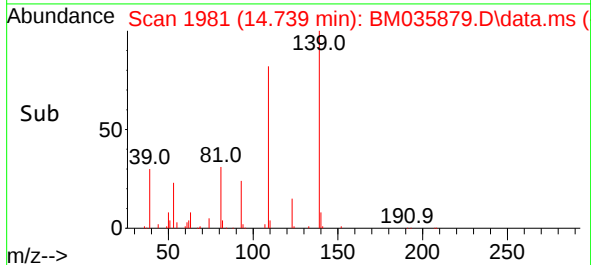
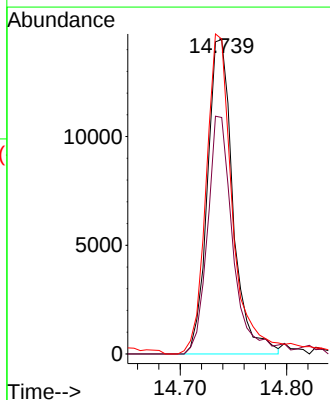
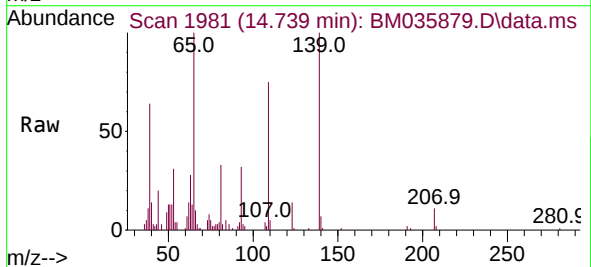
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

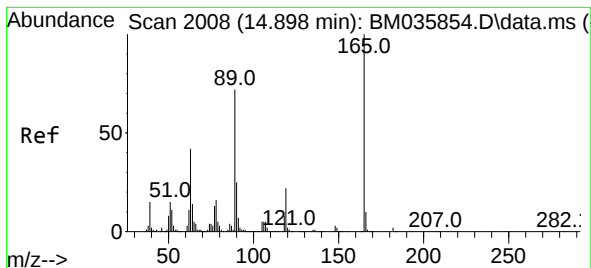
Tgt Ion:168 Resp: 254854  
Ion Ratio Lower Upper  
168 100  
139 37.6 32.2 48.2  
169 12.7 10.6 16.0



#56  
4-Nitrophenol  
Concen: 2.383 ng  
RT: 14.739 min Scan# 1981  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:139 Resp: 24113  
Ion Ratio Lower Upper  
139 100  
109 75.2 62.5 102.5  
65 100.1 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 2.746 ng

RT: 14.892 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BM035879.D

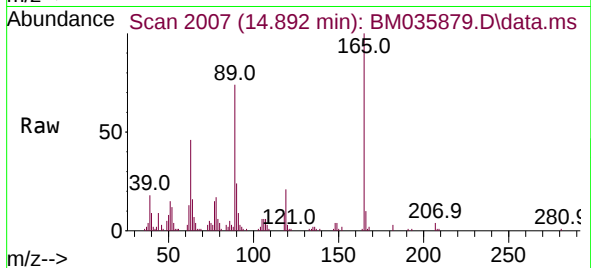
Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:165 Resp: 38484

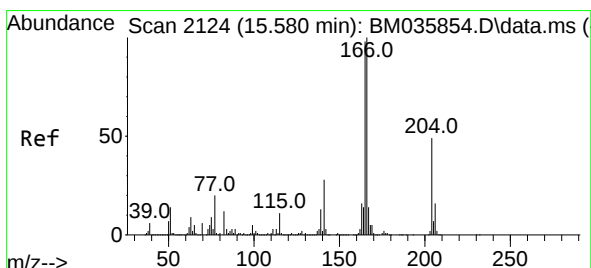
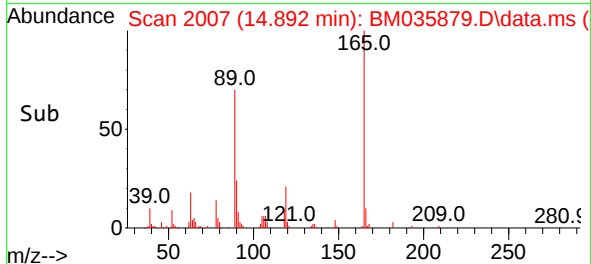
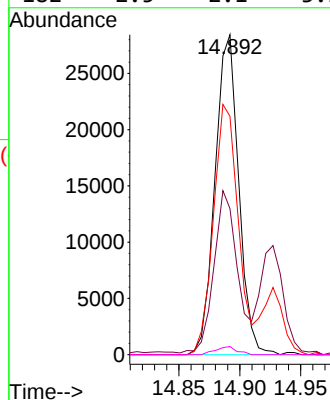
Ion Ratio Lower Upper

165 100

63 45.7 35.6 53.4

89 74.5 57.3 85.9

182 2.5 2.1 3.1



#58

Fluorene

Concen: 3.670 ng

RT: 15.574 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

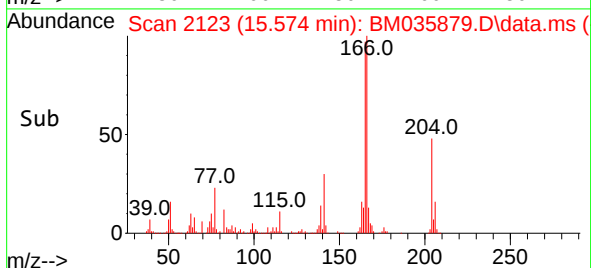
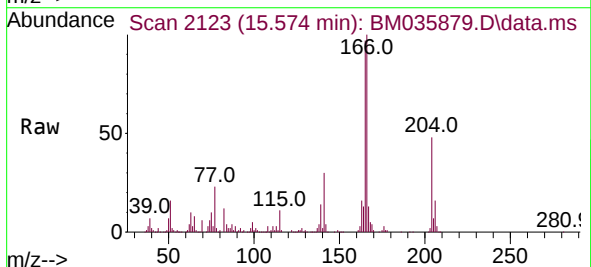
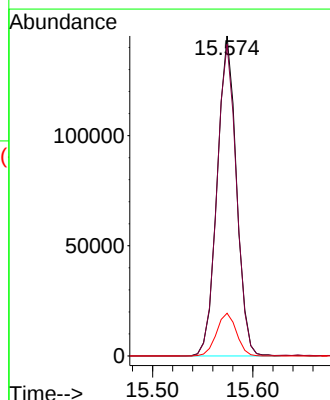
Tgt Ion:166 Resp: 193729

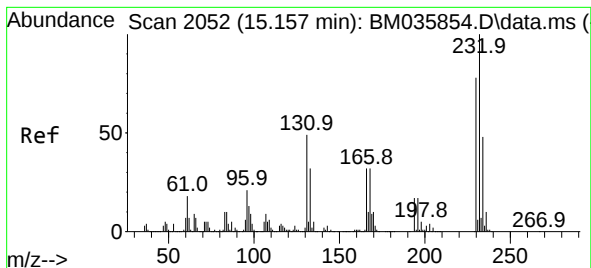
Ion Ratio Lower Upper

166 100

165 97.4 79.4 119.2

167 13.3 10.6 16.0

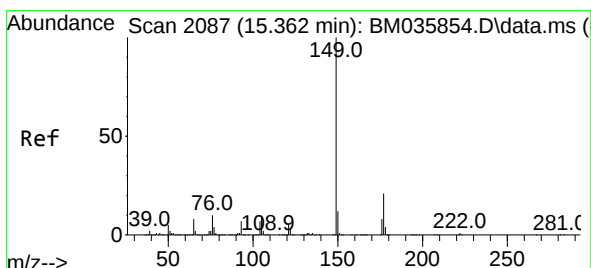
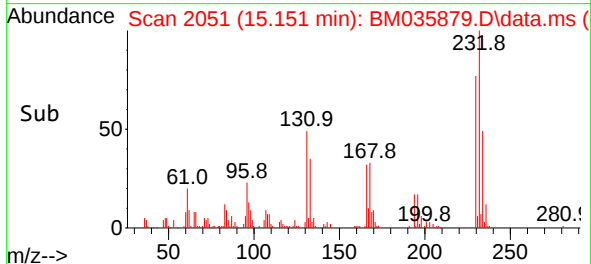
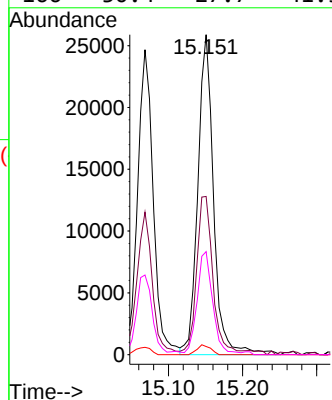
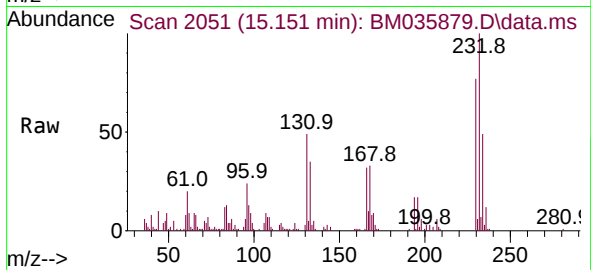




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.080 ng  
RT: 15.151 min Scan# 2051  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

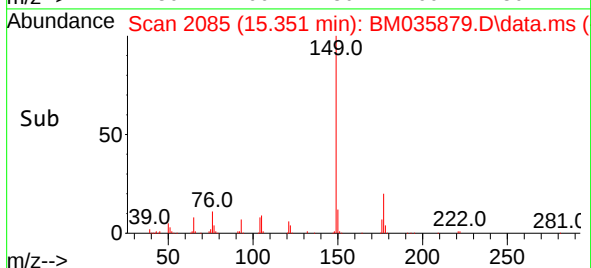
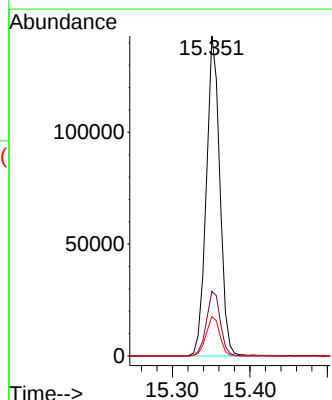
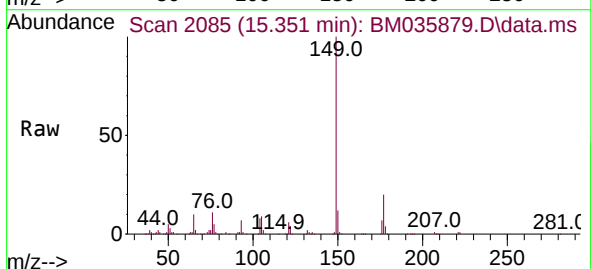
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

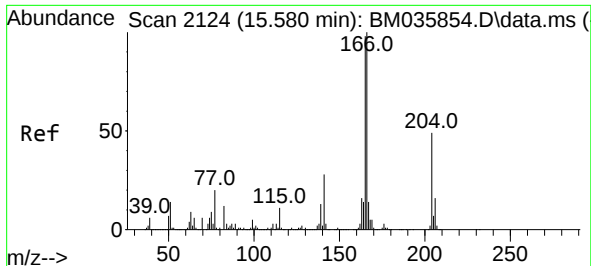
Tgt Ion:232 Resp: 38354  
Ion Ratio Lower Upper  
232 100  
131 48.1 41.0 61.6  
130 2.6 2.3 3.5  
166 30.4 27.7 41.5



#60  
Diethylphthalate  
Concen: 3.418 ng  
RT: 15.351 min Scan# 2085  
Delta R.T. -0.012 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:149 Resp: 173460  
Ion Ratio Lower Upper  
149 100  
177 20.2 16.9 25.3  
150 12.3 10.1 15.1

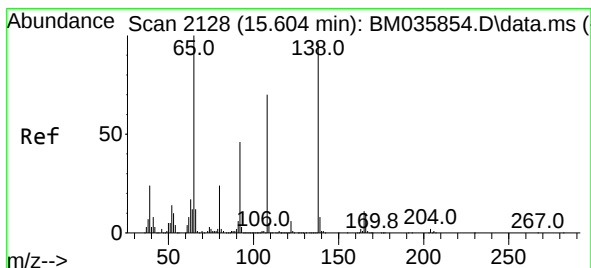
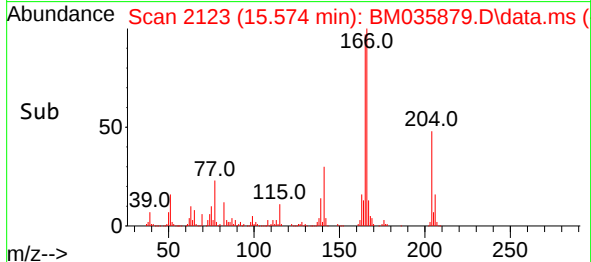
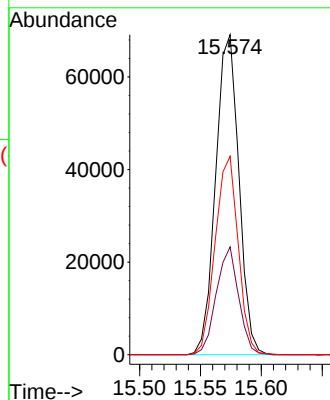
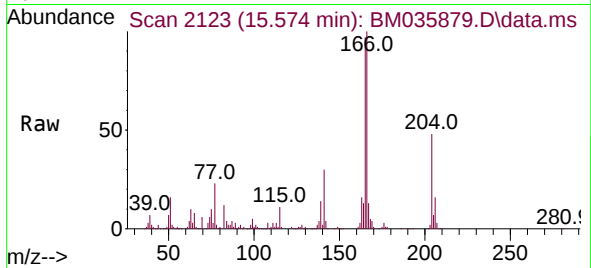




#61  
4-Chlorophenyl-phenylether  
Concen: 3.573 ng  
RT: 15.574 min Scan# 2123  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

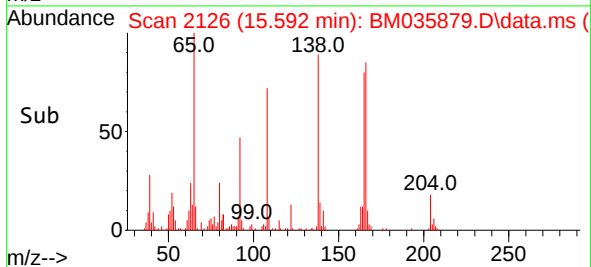
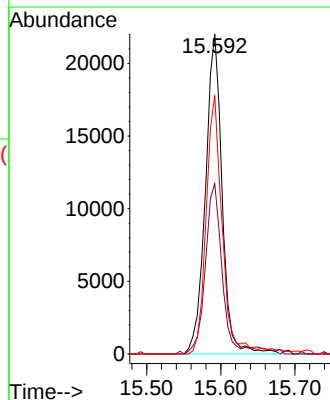
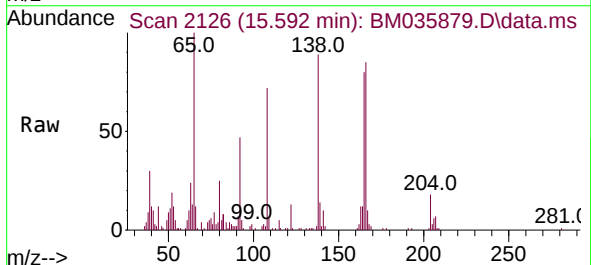
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

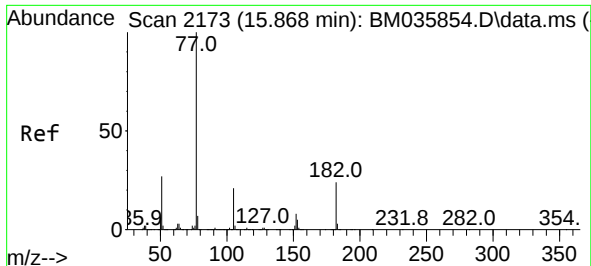
Tgt Ion:204 Resp: 91763  
Ion Ratio Lower Upper  
204 100  
206 33.7 26.3 39.5  
141 62.0 51.2 76.8



#62  
4-Nitroaniline  
Concen: 2.612 ng  
RT: 15.592 min Scan# 2126  
Delta R.T. -0.012 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:138 Resp: 34486  
Ion Ratio Lower Upper  
138 100  
92 53.2 30.8 70.8  
108 80.8 65.7 105.7

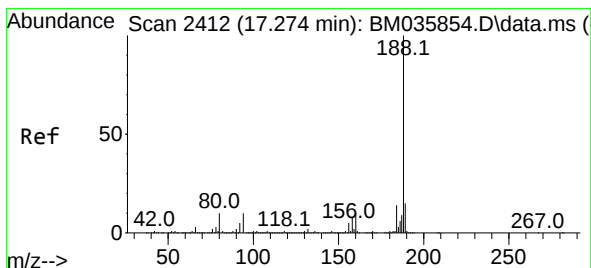
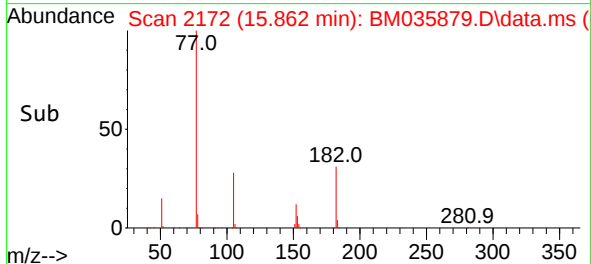
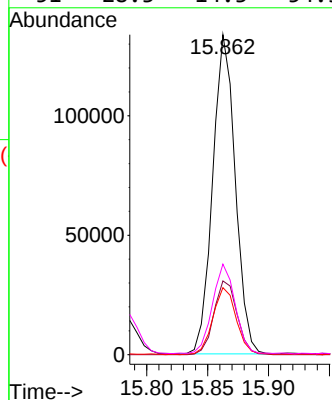
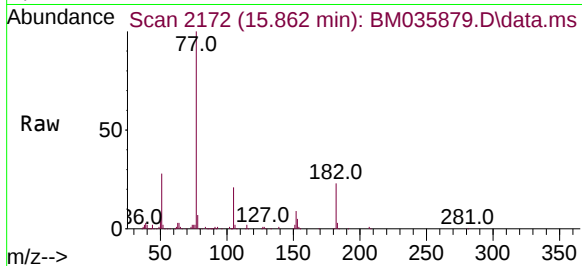




#63  
Azobenzene  
Concen: 3.303 ng  
RT: 15.862 min Scan# 2172  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

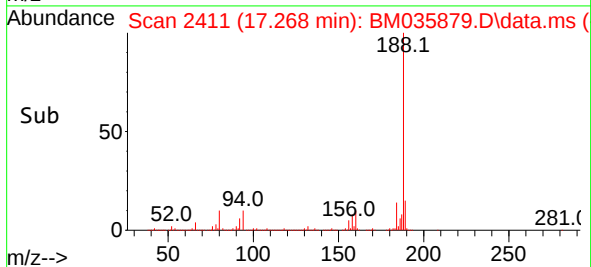
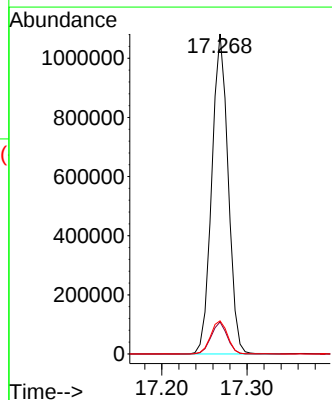
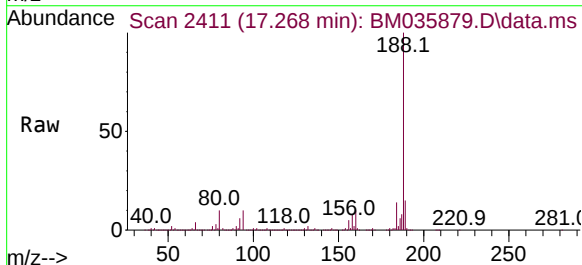
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-03-QT2-2022

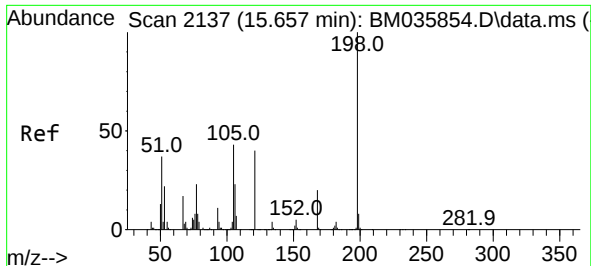
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 172111 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 23.1    | 4.9 44.9     |
| 105 21.0    | 0.0 39.6     |
| 51 28.3     | 14.3 54.3    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.268 min Scan# 2411  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

|             |               |       |  |
|-------------|---------------|-------|--|
| Tgt Ion:188 | Resp: 1441775 |       |  |
| Ion Ratio   | Lower         | Upper |  |
| 188 100     |               |       |  |
| 94 10.0     | 7.0           | 10.4  |  |
| 80 10.3     | 7.6           | 11.4  |  |

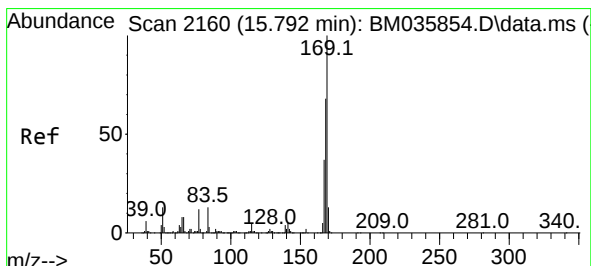
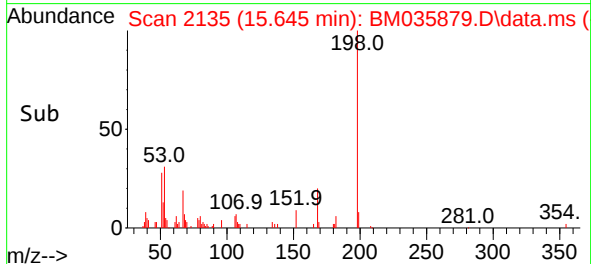
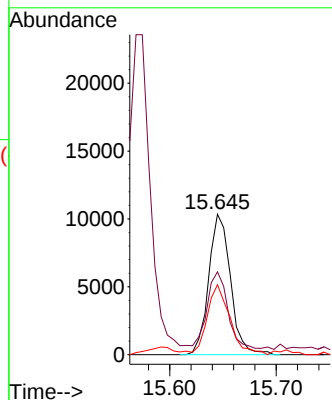
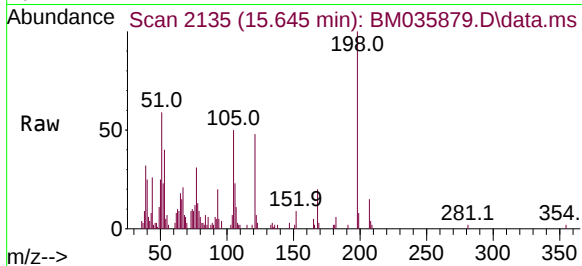




#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.032 ng  
RT: 15.645 min Scan# 2135  
Delta R.T. -0.012 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

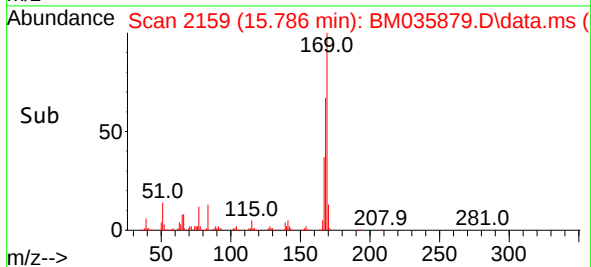
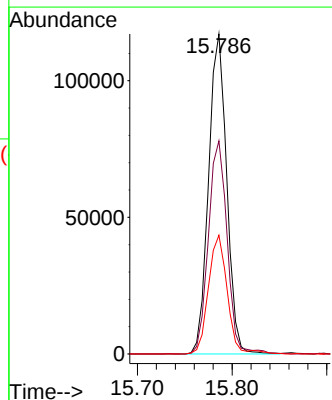
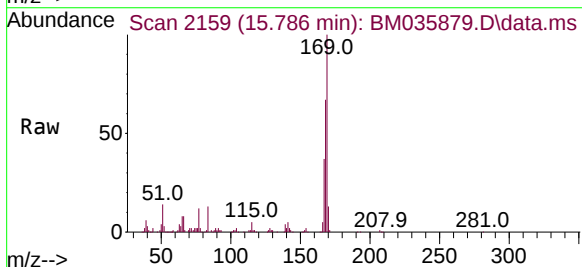
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

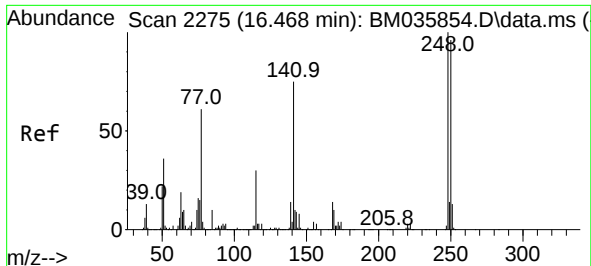
Tgt Ion:198 Resp: 14711  
Ion Ratio Lower Upper  
198 100  
51 58.9 29.0 69.0  
105 49.8 22.1 62.1



#66  
n-Nitrosodiphenylamine  
Concen: 3.672 ng  
RT: 15.786 min Scan# 2159  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:169 Resp: 155478  
Ion Ratio Lower Upper  
169 100  
168 66.6 54.3 81.5  
167 37.1 29.4 44.0

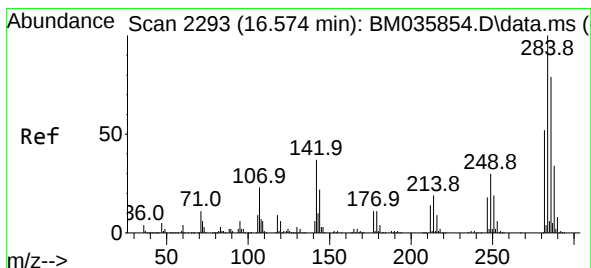
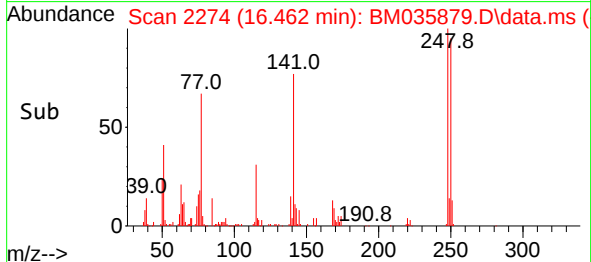
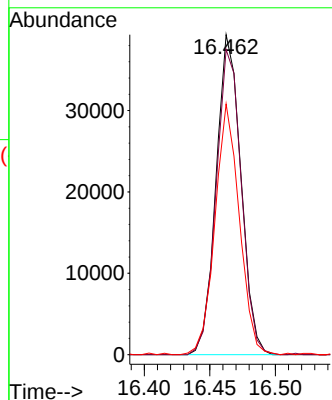
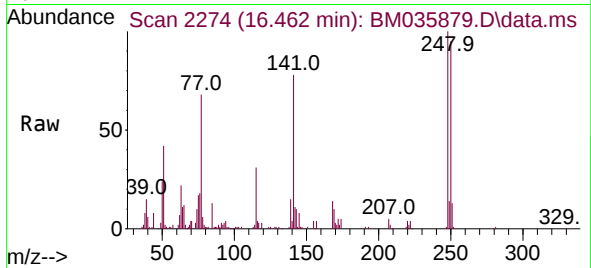




#67  
4-Bromophenyl-phenylether  
Concen: 3.559 ng  
RT: 16.462 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

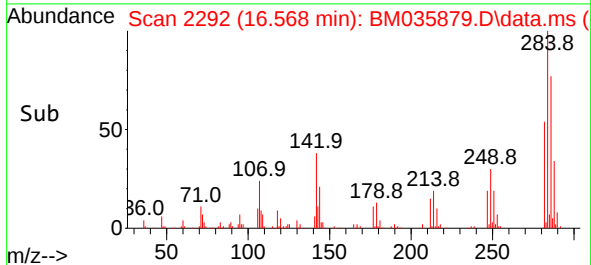
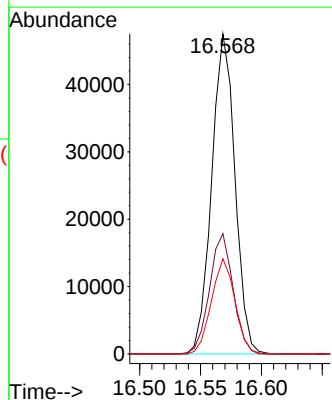
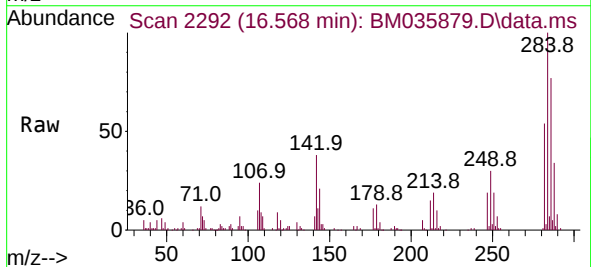
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

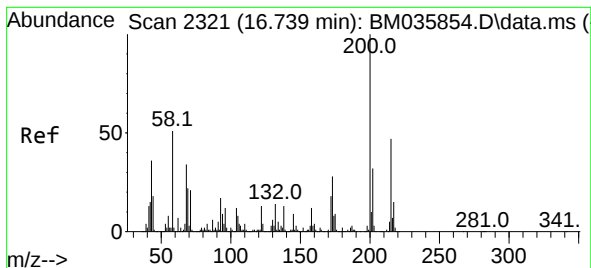
Tgt Ion:248 Resp: 51590  
Ion Ratio Lower Upper  
248 100  
250 95.3 78.0 117.0  
141 78.3 66.0 99.0



#68  
Hexachlorobenzene  
Concen: 3.749 ng  
RT: 16.568 min Scan# 2292  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:284 Resp: 63081  
Ion Ratio Lower Upper  
284 100  
142 37.6 33.6 50.4  
249 29.8 26.2 39.2





#69

Atrazine

Concen: 3.748 ng

RT: 16.733 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

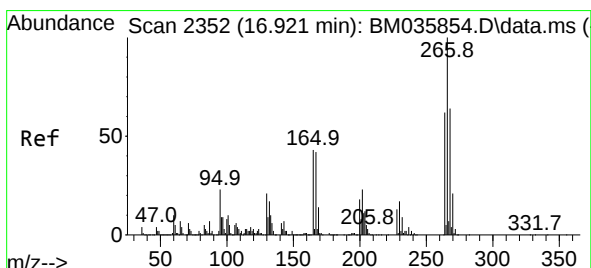
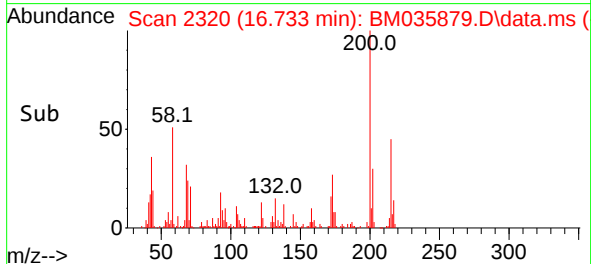
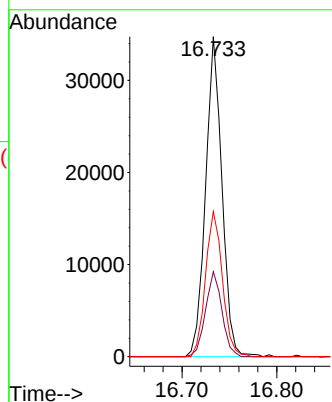
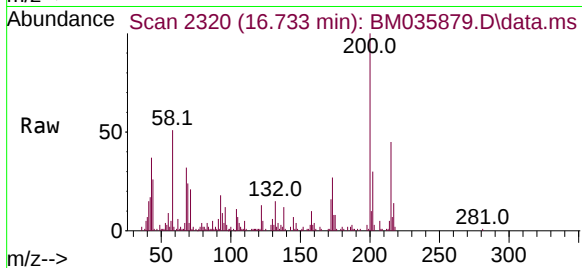
Tgt Ion:200 Resp: 41695

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 45.3 26.2 66.2



#70

Pentachlorophenol

Concen: 2.548 ng

RT: 16.915 min Scan# 2351

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

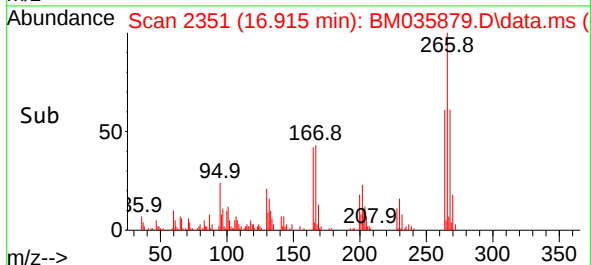
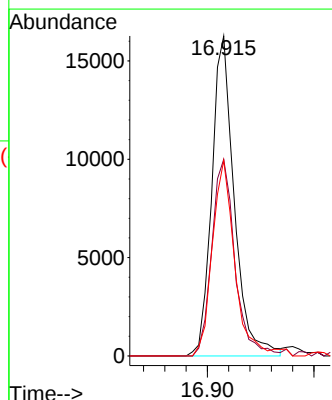
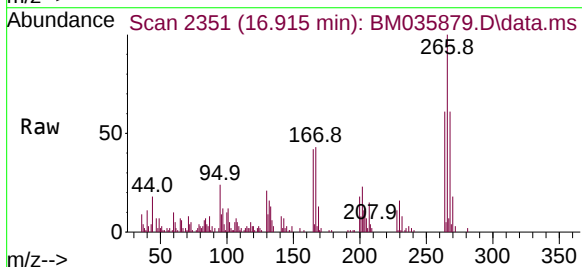
Tgt Ion:266 Resp: 23793

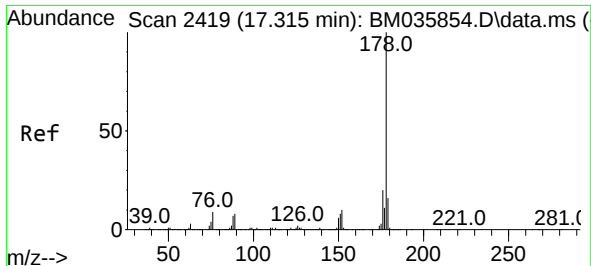
Ion Ratio Lower Upper

266 100

268 61.5 51.9 77.9

264 61.1 50.6 76.0

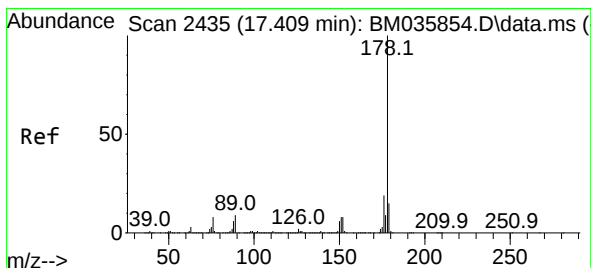
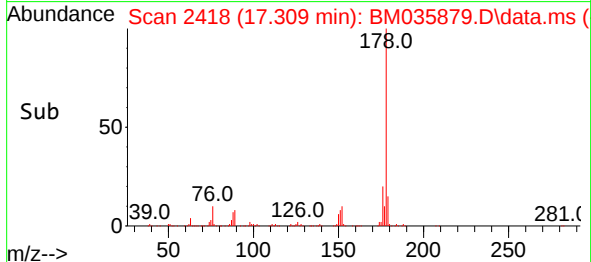
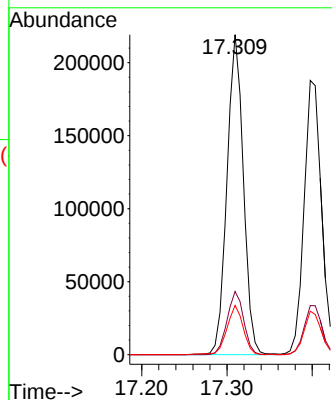
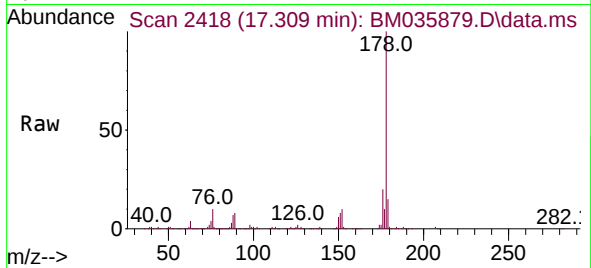




#71  
Phenanthrene  
Concen: 3.864 ng  
RT: 17.309 min Scan# 2419  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

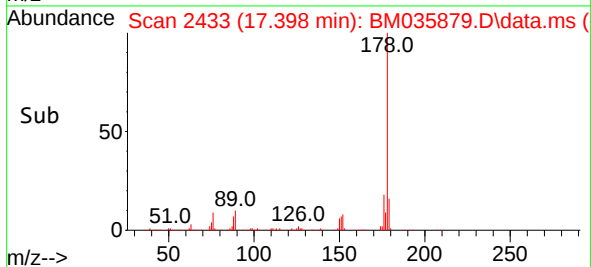
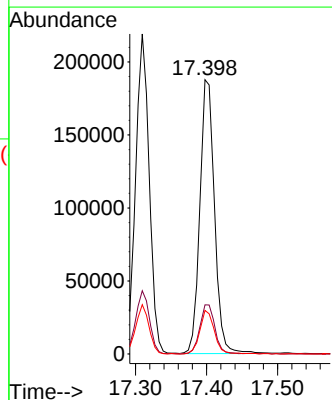
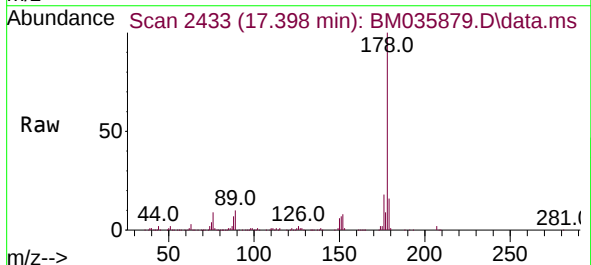
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

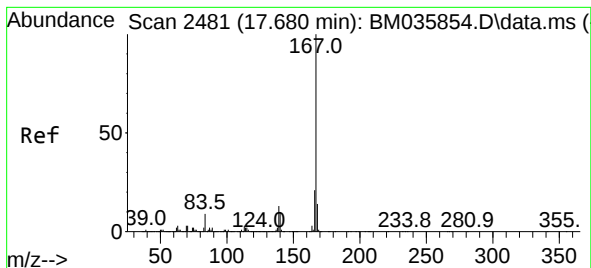
Tgt Ion:178 Resp: 293095  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.4 23.0  
179 15.4 12.4 18.6



#72  
Anthracene  
Concen: 3.667 ng  
RT: 17.398 min Scan# 2433  
Delta R.T. -0.012 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:178 Resp: 270347  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.0 22.4  
179 15.9 12.2 18.2





#73

Carbazole

Concen: 3.263 ng

RT: 17.674 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

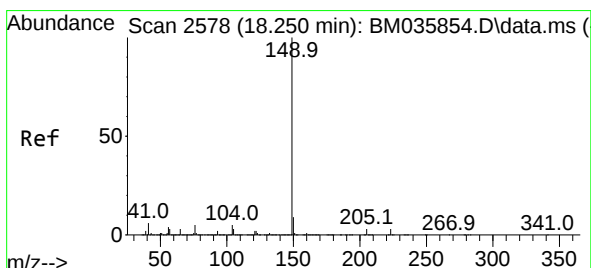
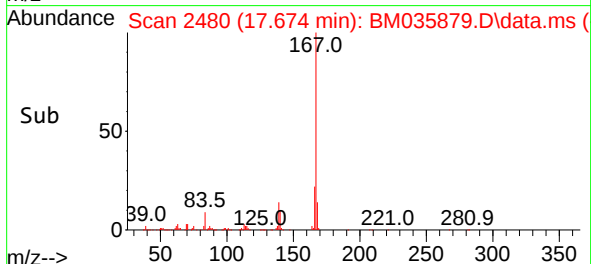
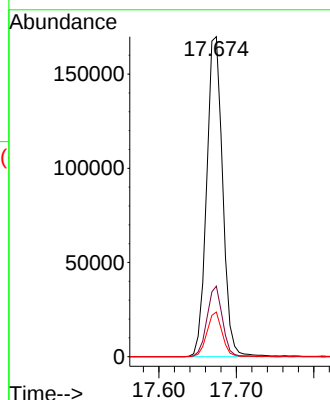
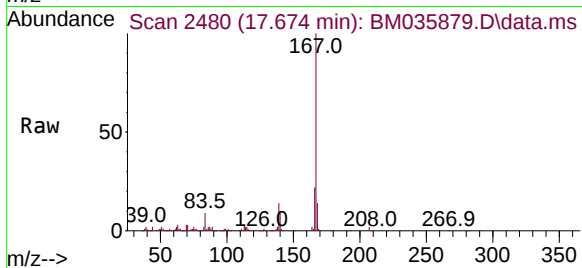
Tgt Ion:167 Resp: 244055

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.8

139 13.9 10.9 16.3



#74

Di-n-butylphthalate

Concen: 2.932 ng

RT: 18.245 min Scan# 2577

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

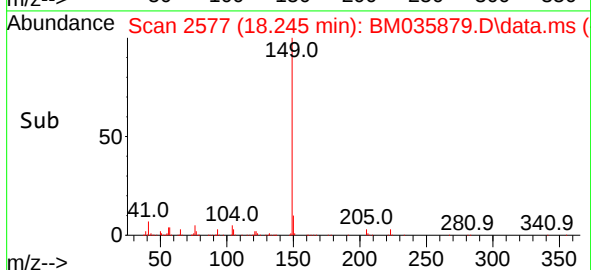
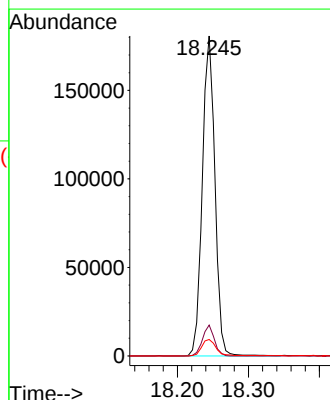
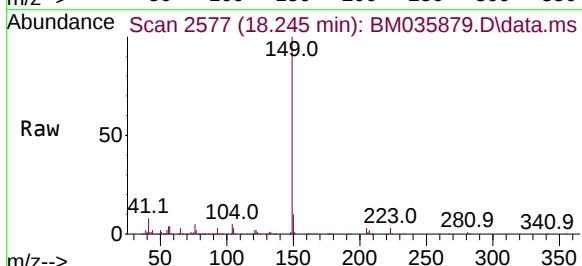
Tgt Ion:149 Resp: 223246

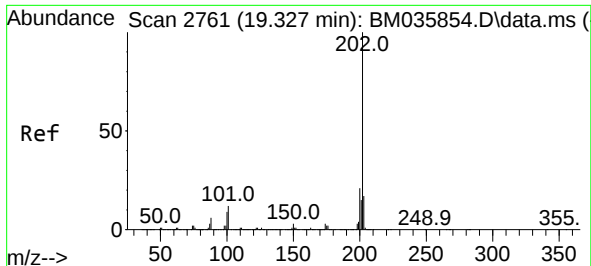
Ion Ratio Lower Upper

149 100

150 9.7 7.3 10.9

104 5.2 4.3 6.5

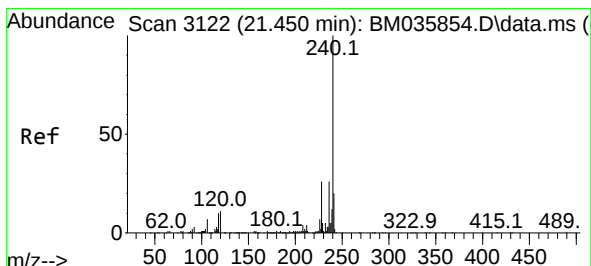
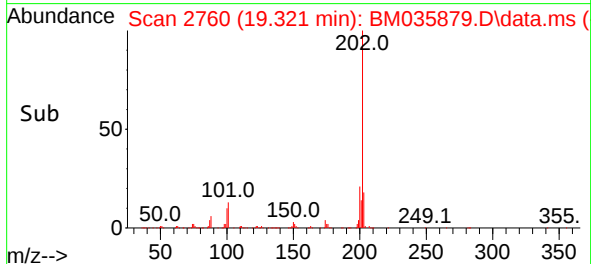
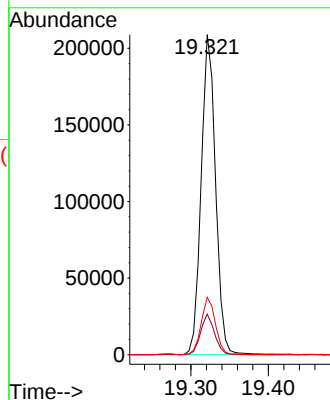
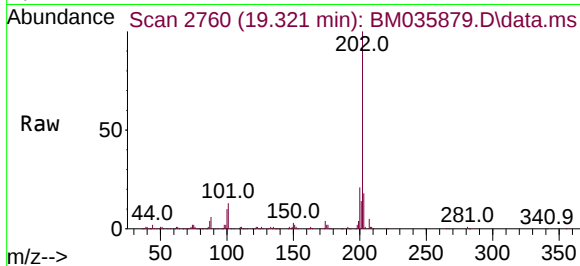




#75  
Fluoranthene  
Concen: 3.270 ng  
RT: 19.321 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

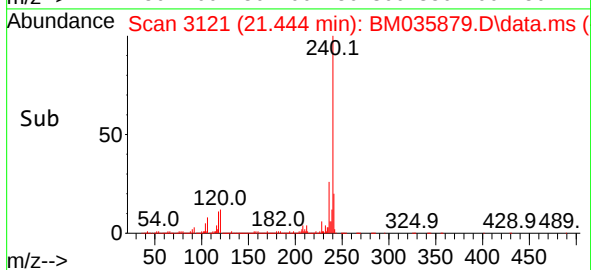
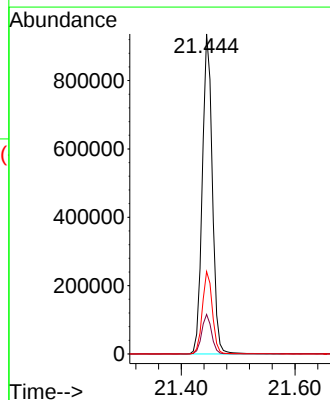
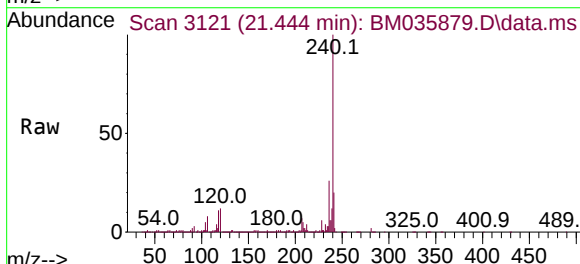
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

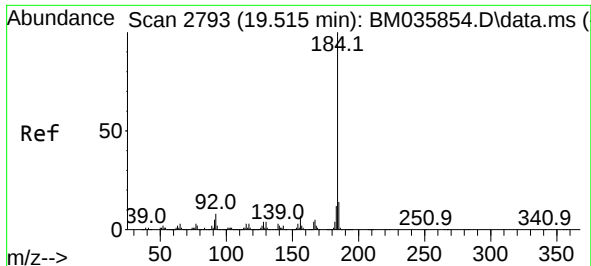
Tgt Ion:202 Resp: 269565  
Ion Ratio Lower Upper  
202 100  
101 12.7 0.0 30.6  
203 17.9 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.444 min Scan# 3121  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:240 Resp: 1149456  
Ion Ratio Lower Upper  
240 100  
120 12.3 9.4 14.0  
236 25.8 20.6 30.8

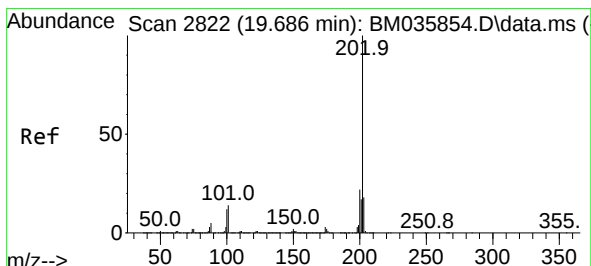
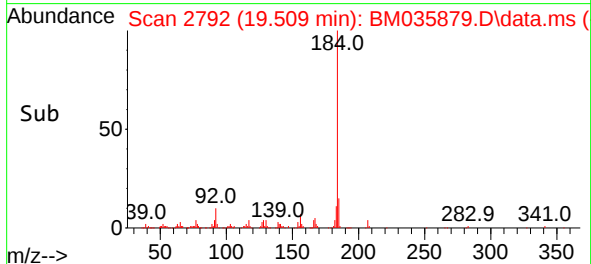
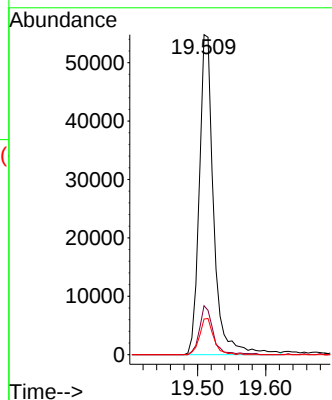
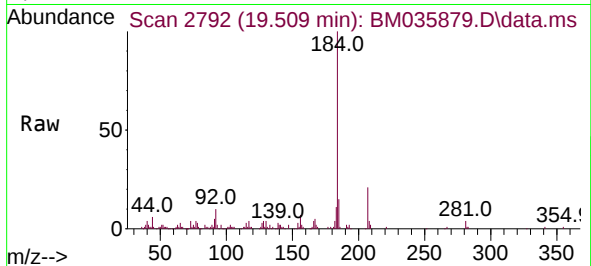




#77  
Benzidine  
Concen: 3.977 ng  
RT: 19.509 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

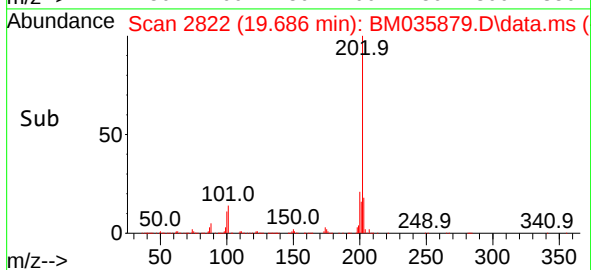
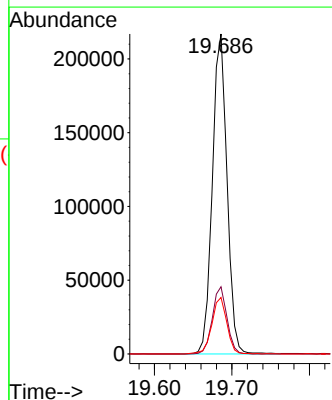
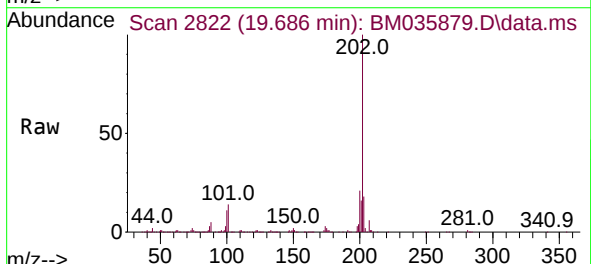
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

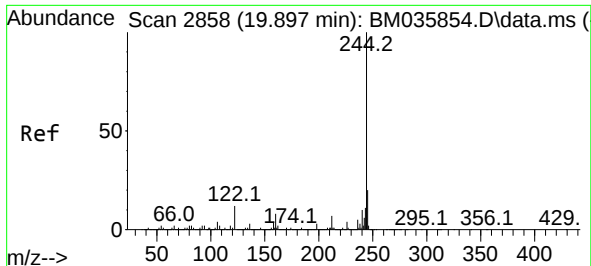
Tgt Ion:184 Resp: 80262  
Ion Ratio Lower Upper  
184 100  
185 15.3 11.3 16.9  
183 11.2 9.5 14.3



#78  
Pyrene  
Concen: 3.800 ng  
RT: 19.686 min Scan# 2822  
Delta R.T. 0.000 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:202 Resp: 285591  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.7 25.1  
203 17.7 13.9 20.9

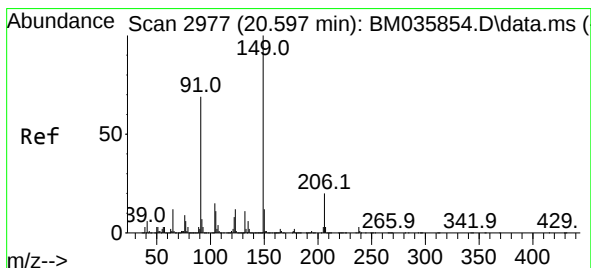
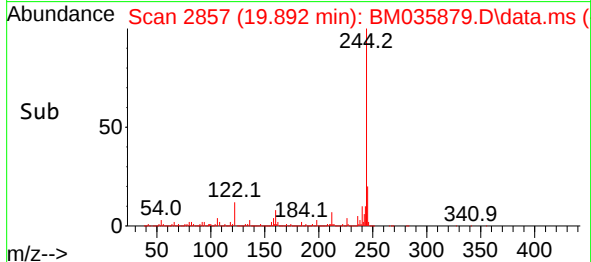
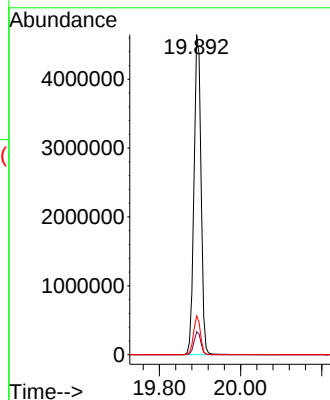
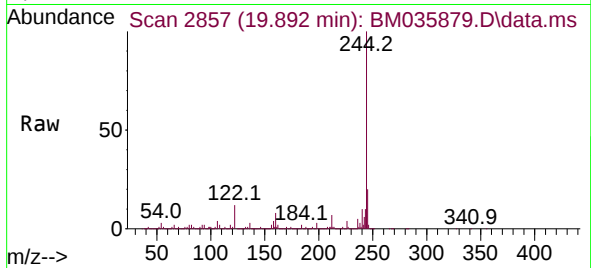




#79  
 Terphenyl-d14  
 Concen: 94.512 ng  
 RT: 19.892 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM035879.D  
 Acq: 20 Jul 2022 13:48

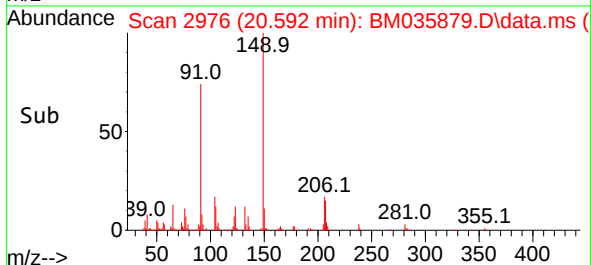
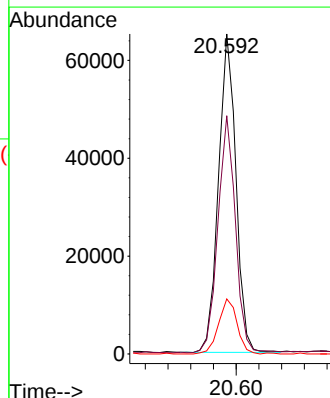
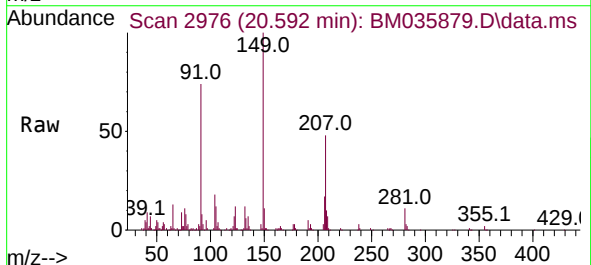
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT2-2022

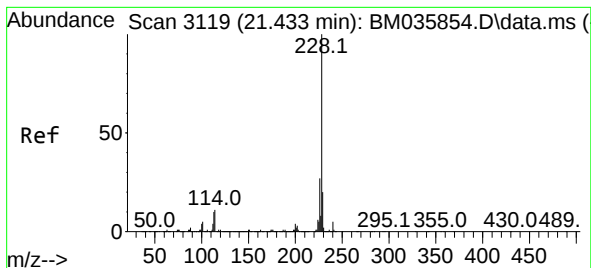
Tgt Ion:244 Resp: 5583596  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.2 9.4  
 122 12.1 8.3 12.5



#80  
 Butylbenzylphthalate  
 Concen: 2.590 ng  
 RT: 20.592 min Scan# 2976  
 Delta R.T. -0.006 min  
 Lab File: BM035879.D  
 Acq: 20 Jul 2022 13:48

Tgt Ion:149 Resp: 69496  
 Ion Ratio Lower Upper  
 149 100  
 91 74.4 56.6 85.0  
 206 17.2 15.4 23.0





#81

Benzo(a)anthracene

Concen: 3.571 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

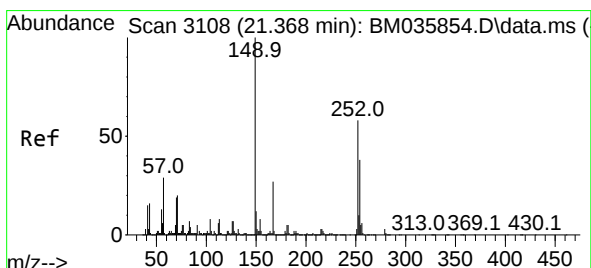
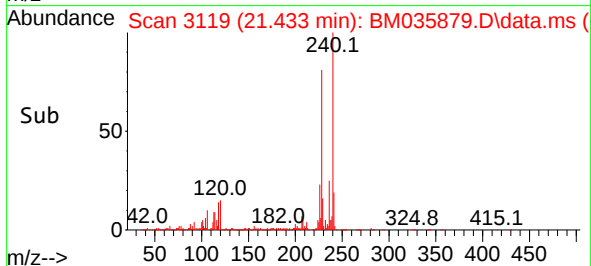
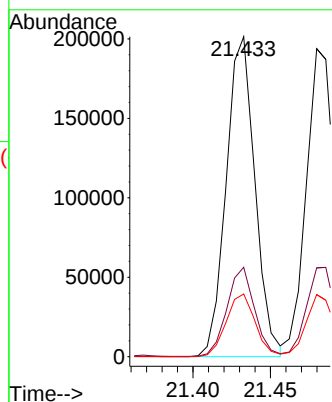
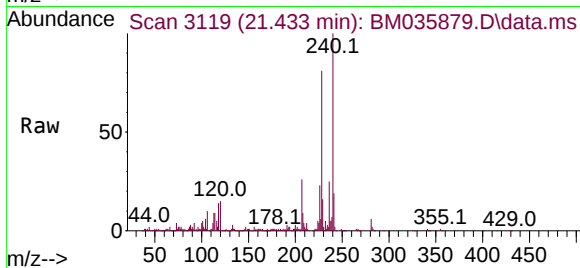
Tgt Ion:228 Resp: 259845

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 4.093 ng

RT: 21.368 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

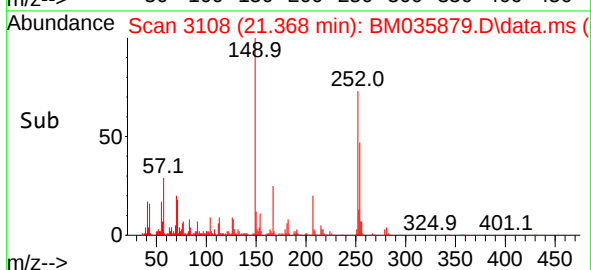
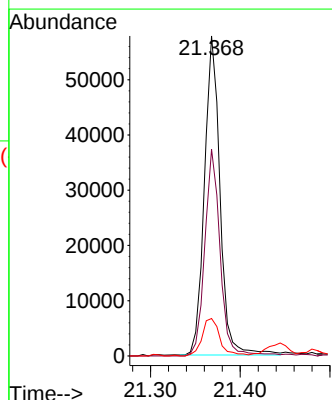
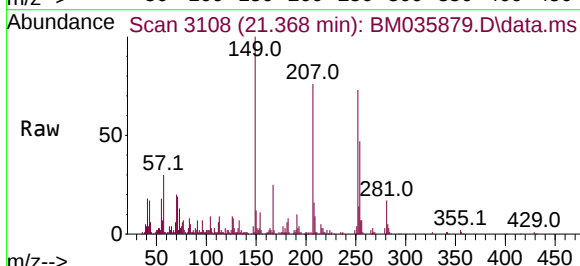
Tgt Ion:252 Resp: 69765

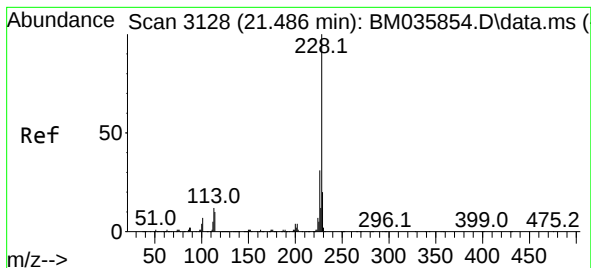
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 11.7 9.4 14.0





#83

Chrysene

Concen: 3.643 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

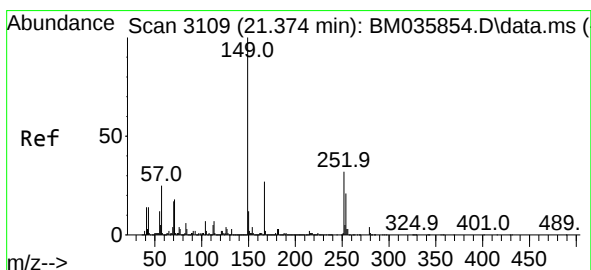
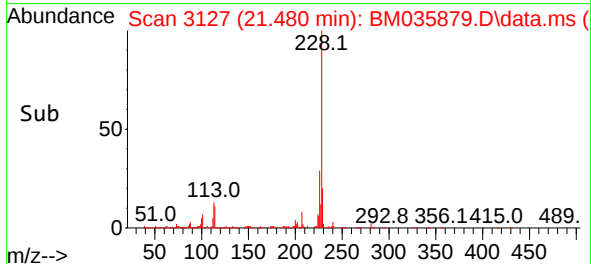
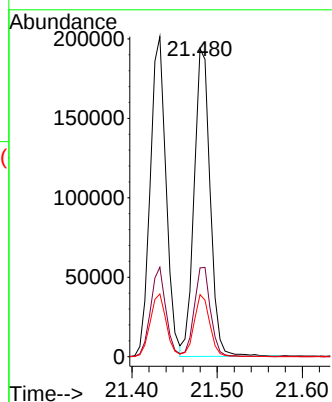
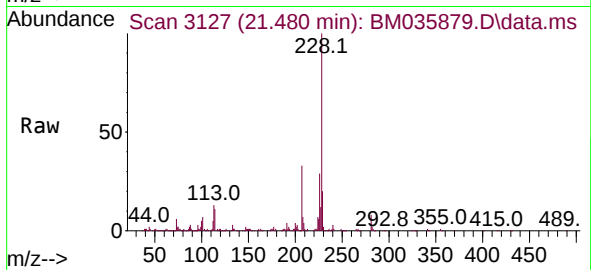
Tgt Ion:228 Resp: 252923

Ion Ratio Lower Upper

228 100

226 28.8 24.4 36.6

229 20.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.549 ng

RT: 21.374 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

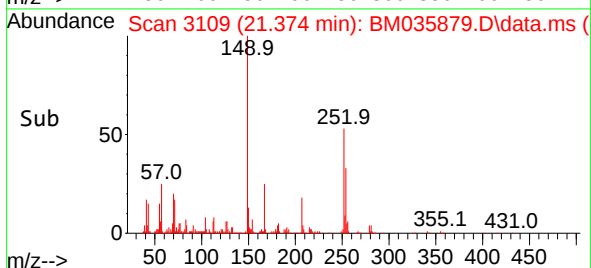
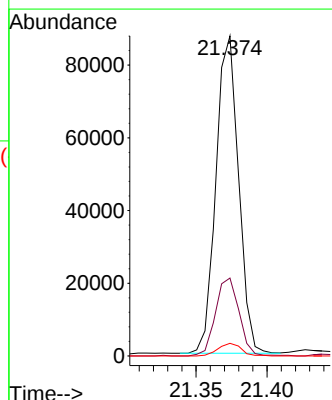
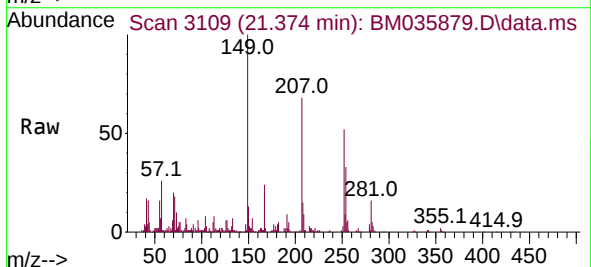
Tgt Ion:149 Resp: 96408

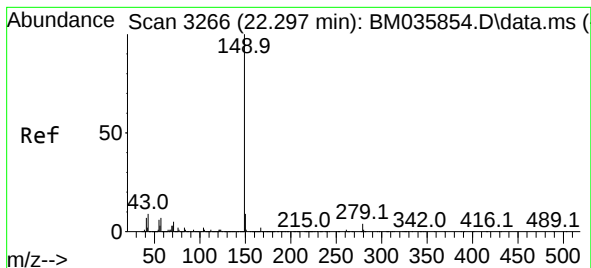
Ion Ratio Lower Upper

149 100

167 24.4 21.1 31.7

279 3.9 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 2.361 ng

RT: 22.291 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

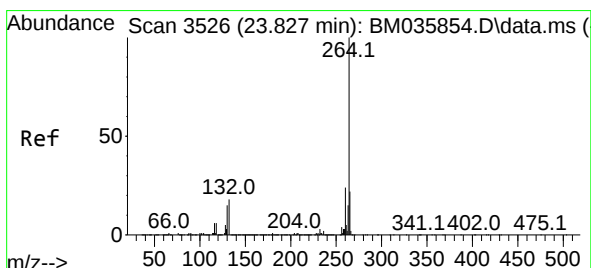
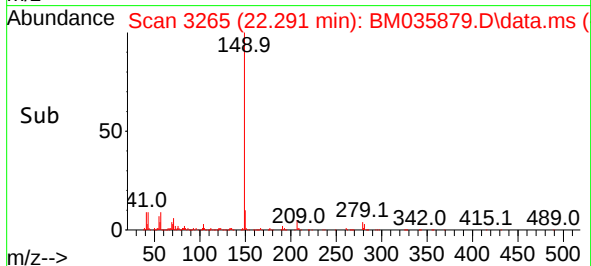
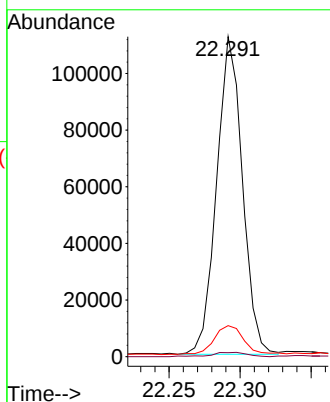
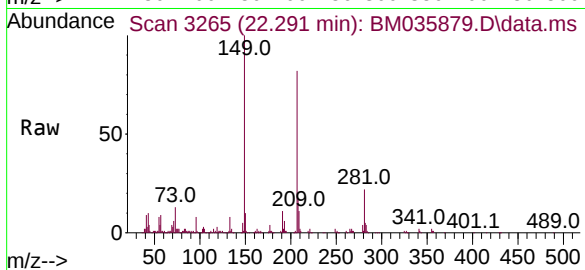
Tgt Ion:149 Resp: 141617

Ion Ratio Lower Upper

149 100

167 1.9 1.3 1.9

43 10.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3525

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

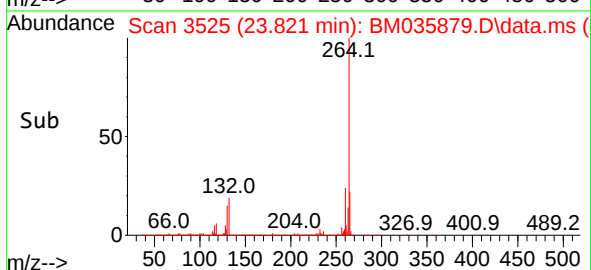
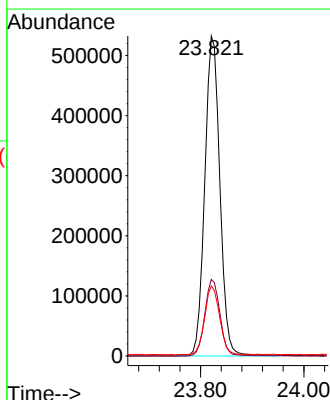
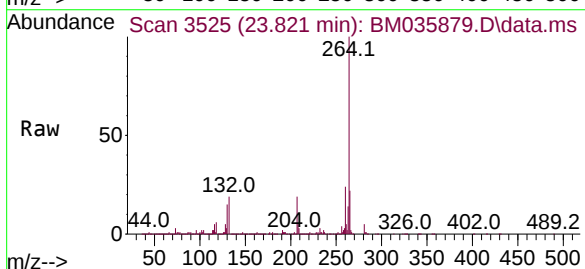
Tgt Ion:264 Resp: 1077722

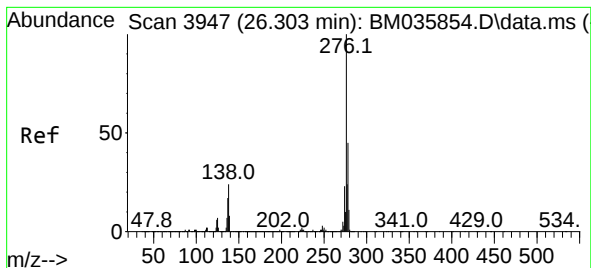
Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.221 ng

RT: 26.291 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

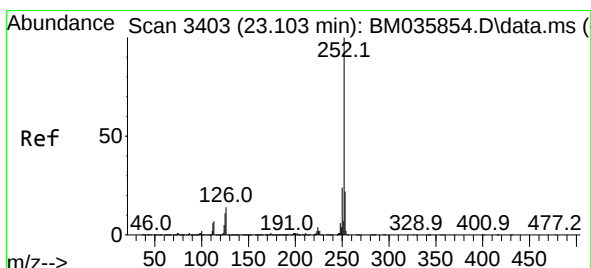
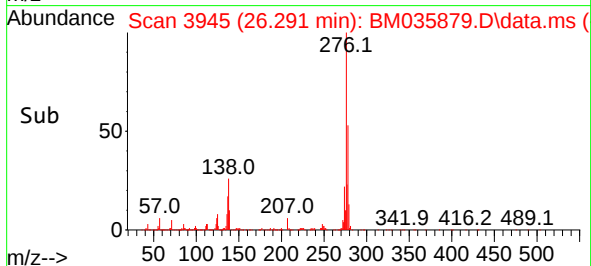
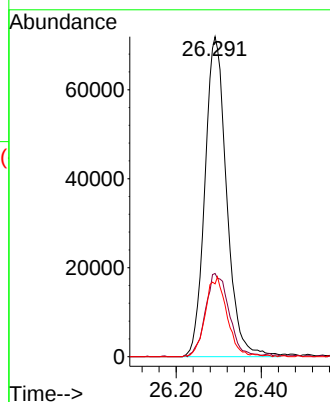
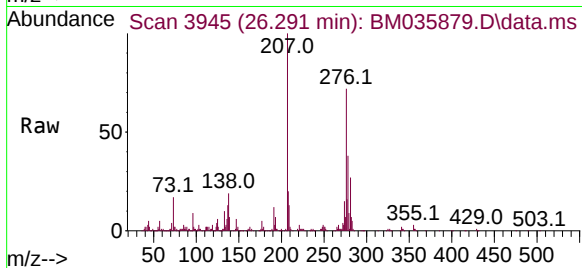
Tgt Ion:276 Resp: 253641

Ion Ratio Lower Upper

276 100

138 28.3 20.2 30.4

277 24.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 3.715 ng

RT: 23.144 min Scan# 3410

Delta R.T. 0.041 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

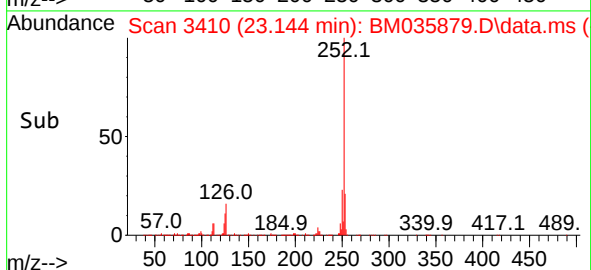
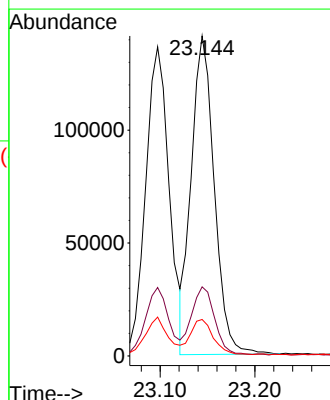
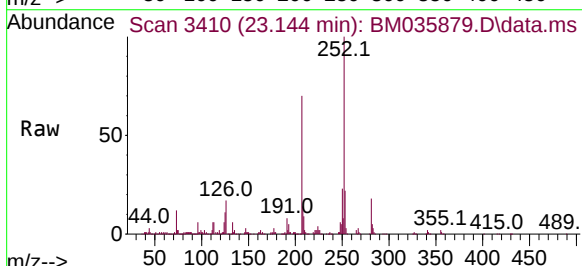
Tgt Ion:252 Resp: 238346

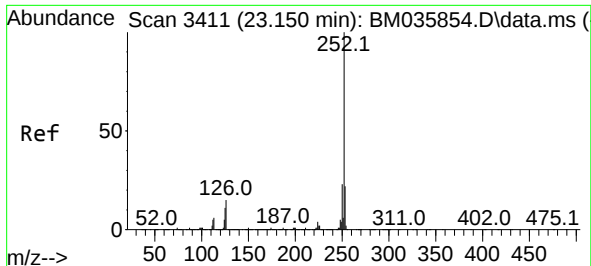
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 11.4 7.6 11.4

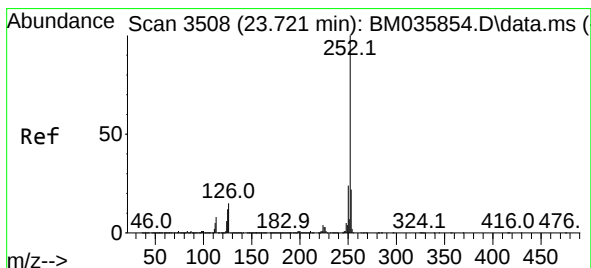
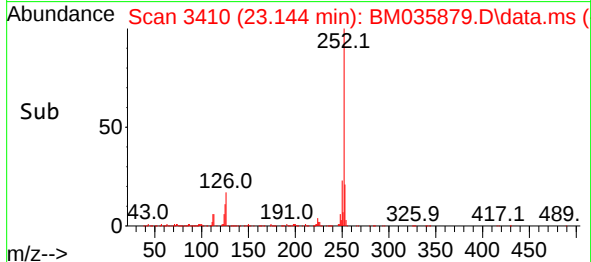
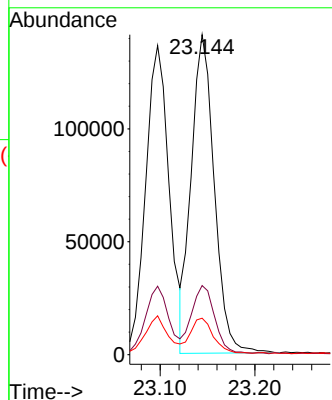
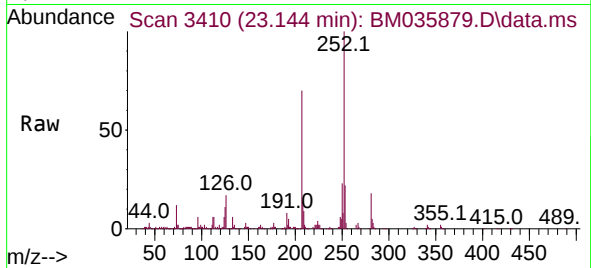




#89  
Benzo(k)fluoranthene  
Concen: 3.590 ng  
RT: 23.144 min Scan# 3411  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

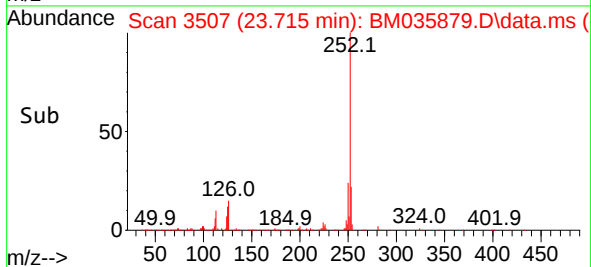
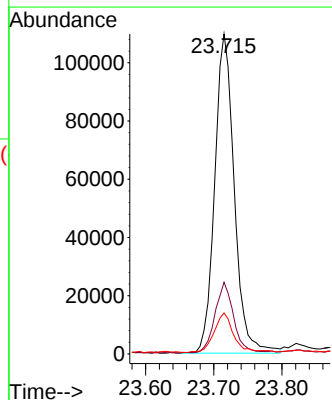
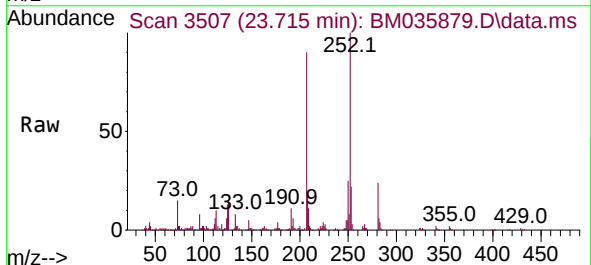
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2022

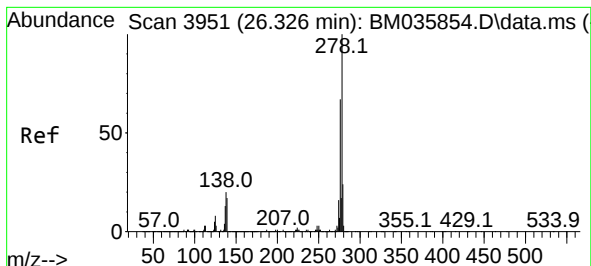
Tgt Ion:252 Resp: 238346  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.5 26.3  
125 11.4 7.6 11.4



#90  
Benzo(a)pyrene  
Concen: 4.016 ng  
RT: 23.715 min Scan# 3507  
Delta R.T. -0.006 min  
Lab File: BM035879.D  
Acq: 20 Jul 2022 13:48

Tgt Ion:252 Resp: 219281  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.2 25.8  
125 12.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 3.469 ng

RT: 26.315 min Scan# 3949

Delta R.T. -0.012 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2022

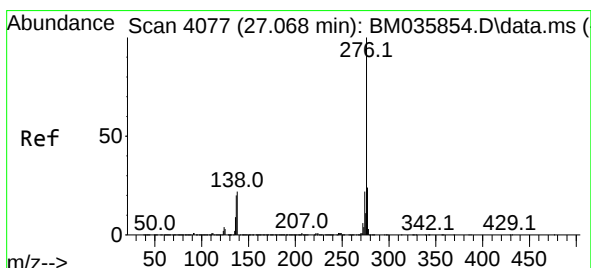
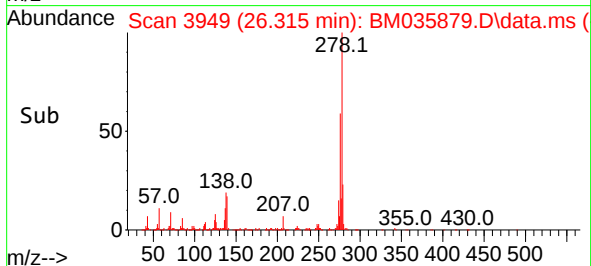
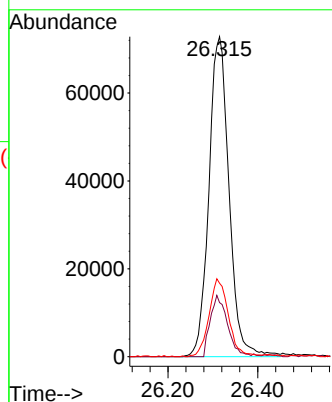
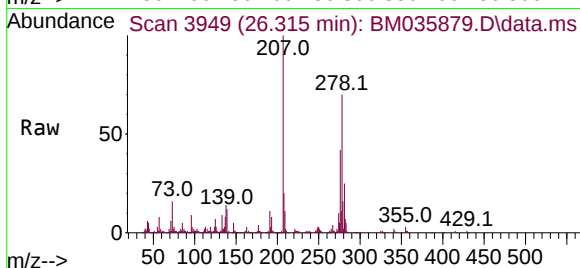
Tgt Ion:278 Resp: 226987

Ion Ratio Lower Upper

278 100

139 16.9 12.9 19.3

279 22.9 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 3.457 ng

RT: 27.050 min Scan# 4074

Delta R.T. -0.018 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Tgt Ion:276 Resp: 223078

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 25.4 17.6 26.4

