

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032621\  
 Data File : BM029235.D  
 Acq On : 26 Mar 2021 15:44  
 Operator : CG/JU  
 Sample : M1458-07  
 Misc : LOD-MDL-WTR-4PPM  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2021

Quant Time: Mar 26 16:18:30 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 26 12:33:48 2021  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|--------|------|----------|-------|-------|----------|
| -----                     |        |      |          |       |       |          |
| Internal Standards        |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.757  | 152  | 70647    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.533 | 136  | 280604   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.380 | 164  | 165881   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.115 | 188  | 341460   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.286 | 240  | 349384   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 23.521 | 264  | 359271   | 20.00 | ng    | -0.01    |

|                             |        |     |         |       |    |       |
|-----------------------------|--------|-----|---------|-------|----|-------|
| System Monitoring Compounds |        |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.351  | 112 | 372616  | 90.92 | ng | 0.00  |
| 7) Phenol-d6                | 6.922  | 99  | 530213  | 90.15 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 8.904  | 82  | 343342  | 59.41 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 15.863 | 330 | 131560  | 85.64 | ng | -0.01 |
| 45) 2-Fluorobiphenyl        | 13.004 | 172 | 716328  | 61.25 | ng | 0.00  |
| 79) Terphenyl-d14           | 19.739 | 244 | 1040266 | 59.81 | ng | -0.01 |

|                               |        |     |       |      |    |        |
|-------------------------------|--------|-----|-------|------|----|--------|
| Target Compounds              |        |     |       |      |    | Qvalue |
| 2) 1,4-Dioxane                | 3.305  | 88  | 7986  | 4.29 | ng | # 91   |
| 3) Pyridine                   | 3.722  | 79  | 17598 | 3.92 | ng | # 83   |
| 4) n-Nitrosodimethylamine     | 3.640  | 42  | 7241  | 3.59 | ng | # 94   |
| 6) Aniline                    | 7.087  | 93  | 30264 | 4.75 | ng | 96     |
| 8) 2-Chlorophenol             | 7.322  | 128 | 20305 | 4.39 | ng | 98     |
| 9) Benzaldehyde               | 6.904  | 77  | 20830 | 5.64 | ng | 96     |
| 10) Phenol                    | 6.945  | 94  | 26424 | 4.55 | ng | 96     |
| 11) bis(2-Chloroethyl)ether   | 7.187  | 93  | 18633 | 4.48 | ng | 97     |
| 12) 1,3-Dichlorobenzene       | 7.645  | 146 | 22802 | 4.41 | ng | 97     |
| 13) 1,4-Dichlorobenzene       | 7.792  | 146 | 23107 | 4.40 | ng | 97     |
| 14) 1,2-Dichlorobenzene       | 8.104  | 146 | 22377 | 4.44 | ng | 98     |
| 15) Benzyl Alcohol            | 7.992  | 79  | 17012 | 4.00 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.287  | 45  | 29874 | 4.69 | ng | 97     |
| 17) 2-Methylphenol            | 8.192  | 107 | 14496 | 3.88 | ng | 95     |
| 18) Hexachloroethane          | 8.834  | 117 | 8120  | 4.26 | ng | 97     |
| 19) n-Nitroso-di-n-propyla... | 8.557  | 70  | 14905 | 3.93 | ng | 98     |
| 20) 3+4-Methylphenols         | 8.510  | 107 | 19531 | 3.91 | ng | 91     |
| 22) Acetophenone              | 8.575  | 105 | 29054 | 4.14 | ng | 97     |
| 24) Nitrobenzene              | 8.945  | 77  | 26127 | 4.33 | ng | 98     |
| 25) Isophorone                | 9.475  | 82  | 35992 | 3.63 | ng | 98     |
| 26) 2-Nitrophenol             | 9.651  | 139 | 6585  | 3.27 | ng | # 86   |
| 27) 2,4-Dimethylphenol        | 9.716  | 122 | 16340 | 4.24 | ng | 96     |
| 28) bis(2-Chloroethoxy)met... | 9.957  | 93  | 23082 | 4.40 | ng | 98     |
| 29) 2,4-Dichlorophenol        | 10.186 | 162 | 14017 | 3.34 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene    | 10.404 | 180 | 20122 | 4.23 | ng | 91     |
| 31) Naphthalene               | 10.586 | 128 | 62529 | 4.23 | ng | 100    |
| 32) Benzoic acid              | 9.751  | 122 | 3393  | 1.51 | ng | # 84   |
| 33) 4-Chloroaniline           | 10.698 | 127 | 22914 | 3.92 | ng | 96     |
| 34) Hexachlorobutadiene       | 10.881 | 225 | 10851 | 3.92 | ng | 92     |
| 35) Caprolactam               | 11.457 | 113 | 3047  | 2.39 | ng | # 81   |
| 36) 4-Chloro-3-methylphenol   | 11.810 | 107 | 15653 | 3.50 | ng | # 93   |
| 37) 2-Methylnaphthalene       | 12.198 | 142 | 41166 | 3.98 | ng | 98     |
| 38) 1-Methylnaphthalene       | 12.422 | 142 | 41051 | 4.17 | ng | 96     |
| 40) 1,2,4,5-Tetrachloroben... | 12.569 | 216 | 19209 | 4.13 | ng | 96     |
| 41) Hexachlorocyclopentadiene | 12.551 | 237 | 11036 | 4.33 | ng | 100    |
| 43) 2,4,6-Trichlorophenol     | 12.810 | 196 | 9336  | 3.09 | ng | 96     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032621\  
 Data File : BM029235.D  
 Acq On : 26 Mar 2021 15:44  
 Operator : CG/JU  
 Sample : M1458-07  
 Misc : LOD-MDL-WTR-4PPM  
 ALS Vial : 9 Sample Multiplier: 1

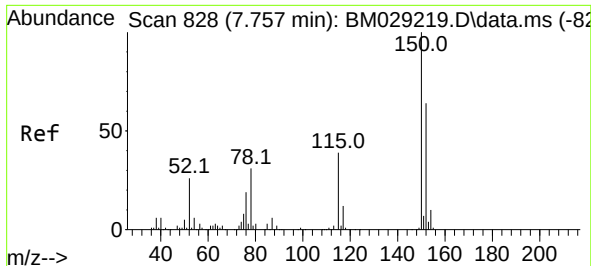
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 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2021

Quant Time: Mar 26 16:18:30 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 26 12:33:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.874 | 196  | 11420    | 3.39 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.216 | 154  | 55679    | 4.42 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.251 | 162  | 41921    | 4.22 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.457 | 65   | 9921     | 3.41 | ng    | 97       |
| 49) Acenaphthylene            | 14.098 | 152  | 57804    | 3.83 | ng    | 99       |
| 50) Dimethylphthalate         | 13.839 | 163  | 49968    | 4.31 | ng    | # 99     |
| 51) 2,6-Dinitrotoluene        | 13.951 | 165  | 8448     | 3.37 | ng    | 89       |
| 52) Acenaphthene              | 14.445 | 154  | 41603    | 4.33 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.280 | 138  | 7975     | 3.14 | ng    | 97       |
| 54) 2,4-Dinitrophenol         | 14.486 | 184  | 2403     | 1.92 | ng    | # 75     |
| 55) Dibenzofuran              | 14.780 | 168  | 63523    | 4.21 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.580 | 139  | 5820     | 2.51 | ng    | 89       |
| 57) 2,4-Dinitrotoluene        | 14.739 | 165  | 9594     | 2.91 | ng    | # 98     |
| 58) Fluorene                  | 15.427 | 166  | 49651    | 4.06 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.004 | 232  | 8977     | 3.26 | ng    | # 97     |
| 60) Diethylphthalate          | 15.204 | 149  | 46108    | 4.04 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.427 | 204  | 23797    | 4.21 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.433 | 138  | 7195     | 2.69 | ng    | 90       |
| 63) Azobenzene                | 15.715 | 77   | 48208    | 3.69 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.498 | 198  | 3930     | 2.06 | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 15.633 | 169  | 40888    | 3.74 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.315 | 248  | 11590    | 3.70 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.427 | 284  | 14618    | 3.97 | ng    | 92       |
| 69) Atrazine                  | 16.580 | 200  | 11201    | 3.25 | ng    | 95       |
| 70) Pentachlorophenol         | 16.762 | 266  | 5952     | 2.62 | ng    | 94       |
| 71) Phenanthrene              | 17.157 | 178  | 82642    | 4.17 | ng    | 98       |
| 72) Anthracene                | 17.251 | 178  | 73637    | 3.83 | ng    | 98       |
| 73) Carbazole                 | 17.515 | 167  | 65489    | 3.46 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.092 | 149  | 57678    | 3.16 | ng    | 99       |
| 75) Fluoranthene              | 19.168 | 202  | 82295    | 3.76 | ng    | 99       |
| 77) Benzidine                 | 19.356 | 184  | 21693    | 2.15 | ng    | 97       |
| 78) Pyrene                    | 19.533 | 202  | 89150    | 3.77 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.433 | 149  | 21856    | 2.73 | ng    | # 86     |
| 81) Benzo(a)anthracene        | 21.268 | 228  | 85334    | 3.74 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.203 | 252  | 23624    | 3.47 | ng    | 98       |
| 83) Chrysene                  | 21.321 | 228  | 89270    | 3.91 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.215 | 149  | 30011    | 2.61 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.086 | 149  | 50044    | 2.69 | ng    | # 95     |
| 87) Indeno(1,2,3-cd)pyrene    | 25.780 | 276  | 102968   | 3.92 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 22.844 | 252  | 90121    | 3.86 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 22.891 | 252  | 91349    | 4.02 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.421 | 252  | 76047    | 3.59 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 25.785 | 278  | 85783    | 3.81 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 26.462 | 276  | 88469    | 4.01 | ng    | 97       |

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

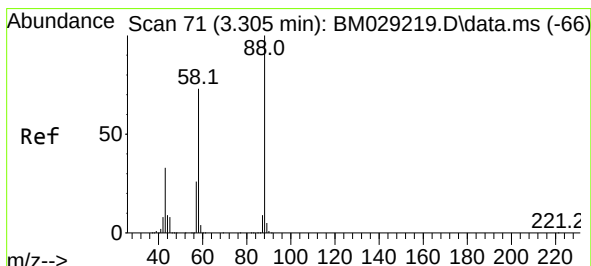
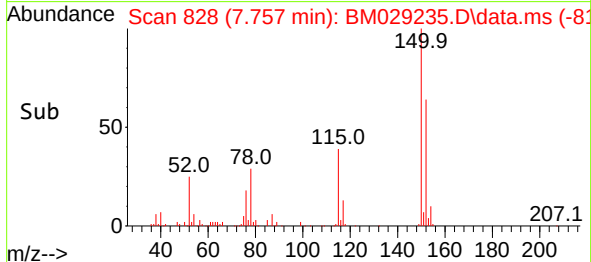
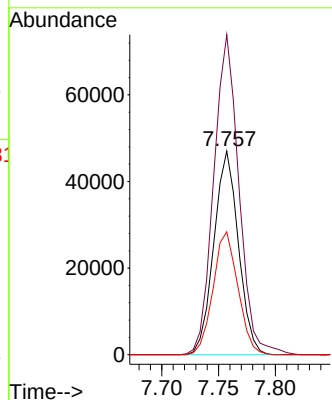
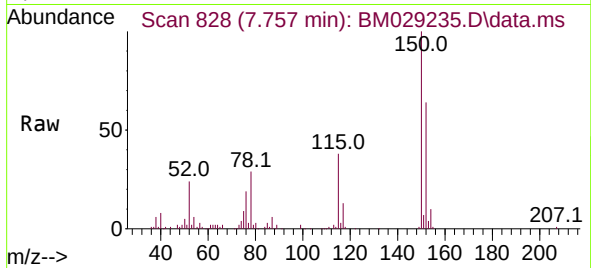




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.757 min Scan# 828  
Delta R.T. 0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

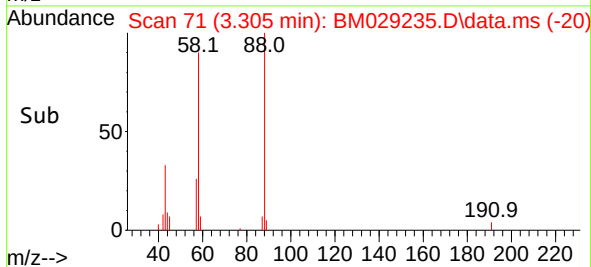
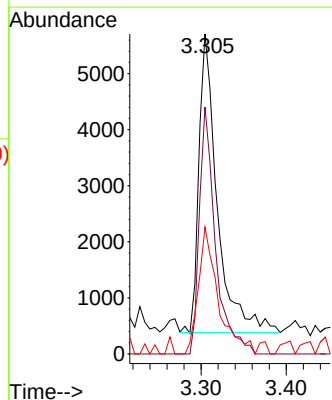
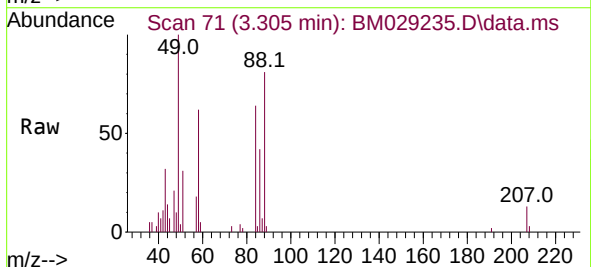
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BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

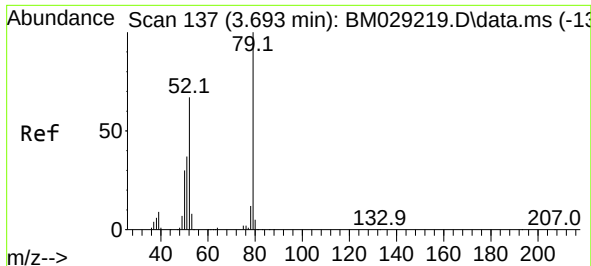
Tgt Ion:152 Resp: 70647  
Ion Ratio Lower Upper  
152 100  
150 157.3 124.3 186.5  
115 60.4 46.4 69.6



#2  
1,4-Dioxane  
Concen: 4.29 ng  
RT: 3.305 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion: 88 Resp: 7986  
Ion Ratio Lower Upper  
88 100  
58 72.4 59.9 89.9  
43 45.9 26.2 39.4#

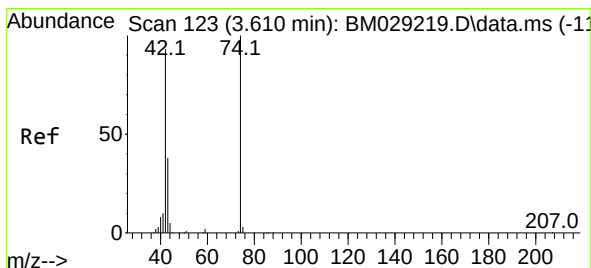
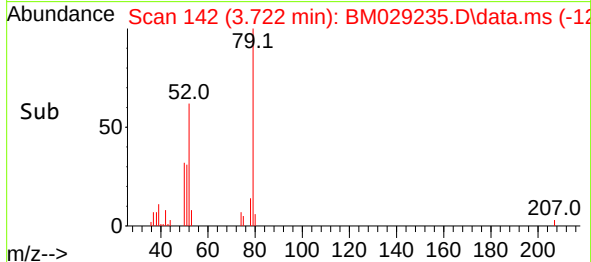
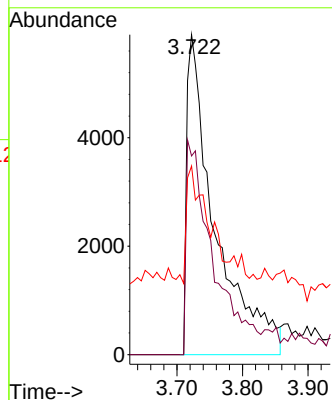
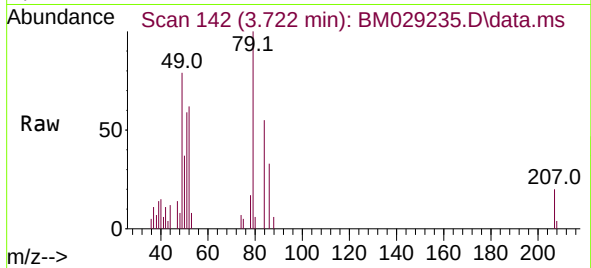




#3  
Pyridine  
Concen: 3.92 ng  
RT: 3.722 min Scan# 142  
Delta R.T. 0.029 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

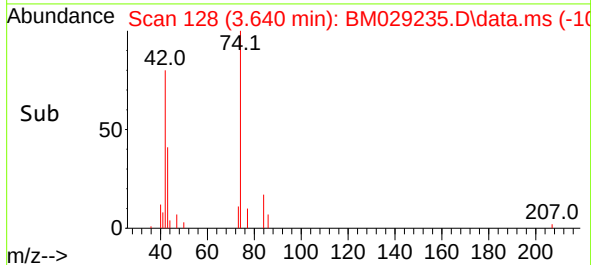
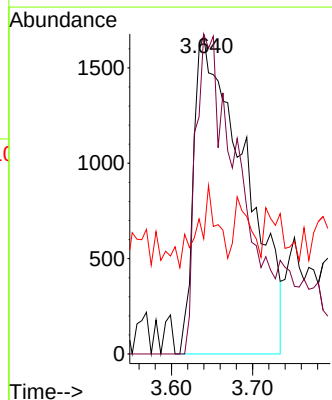
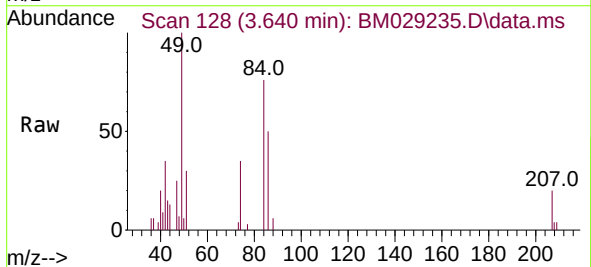
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

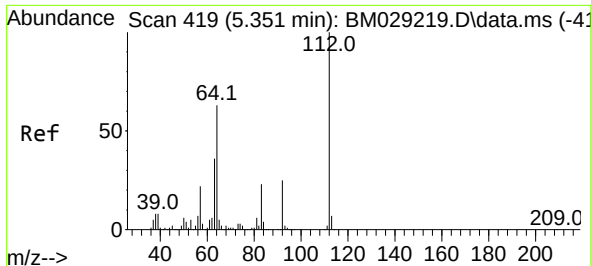
Tgt Ion: 79 Resp: 17598  
Ion Ratio Lower Upper  
79 100  
52 62.1 53.2 79.8  
51 58.9 29.8 44.8#



#4  
n-Nitrosodimethylamine  
Concen: 3.59 ng  
RT: 3.640 min Scan# 128  
Delta R.T. 0.029 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion: 42 Resp: 7241  
Ion Ratio Lower Upper  
42 100  
74 100.5 80.6 121.0  
44 36.2 5.4 8.0#

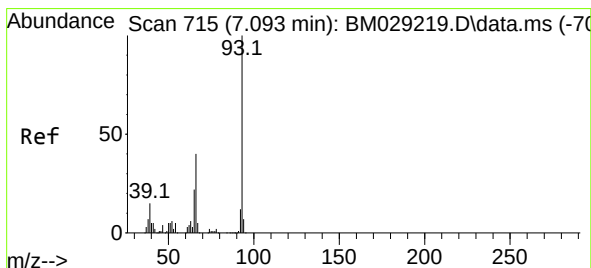
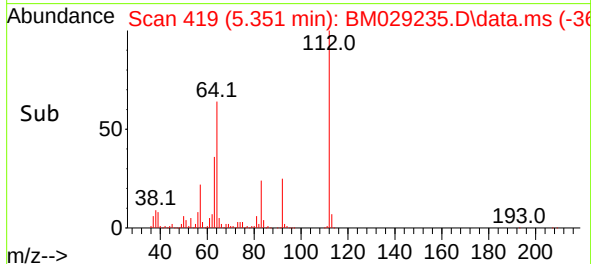
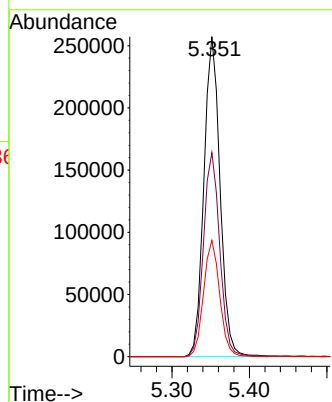
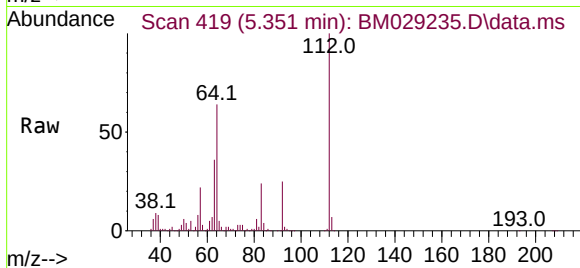




#5  
2-Fluorophenol  
Concen: 90.92 ng  
RT: 5.351 min Scan# 419  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

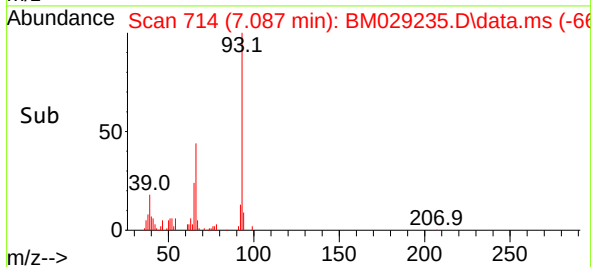
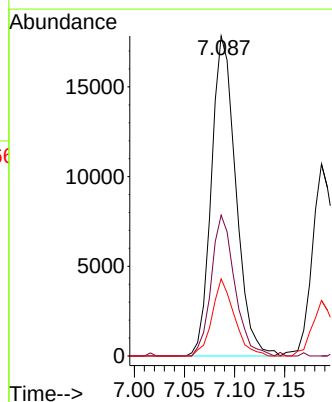
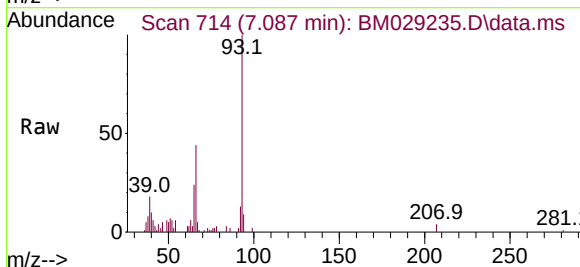
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

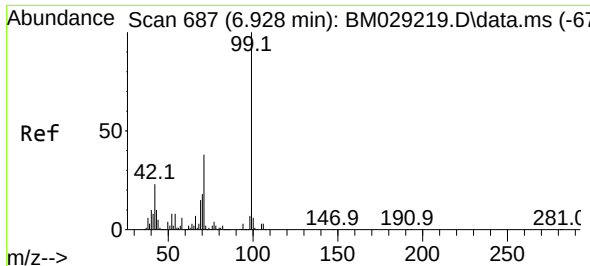
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|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 372616 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 63.8  | 51.6  | 77.4   |
| 63       | 36.3  | 29.0  | 43.4   |



#6  
Aniline  
Concen: 4.75 ng  
RT: 7.087 min Scan# 714  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 30264 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 66       | 44.0  | 33.2  | 49.8  |
| 65       | 24.1  | 17.8  | 26.6  |

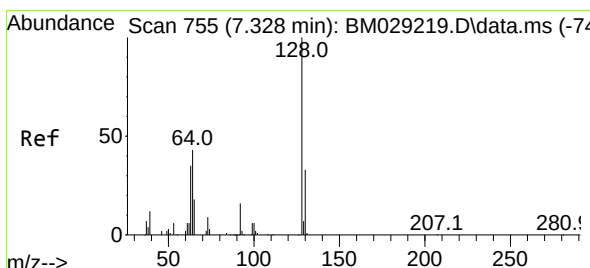
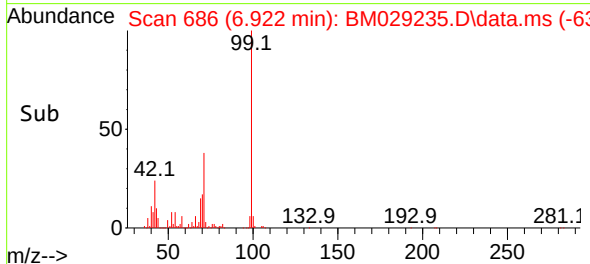
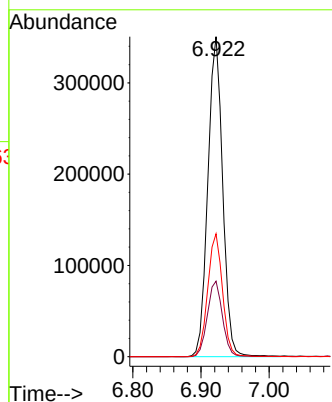
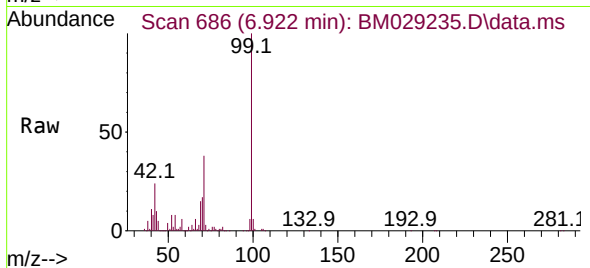




#7  
Phenol-d6  
Concen: 90.15 ng  
RT: 6.922 min Scan# 686  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

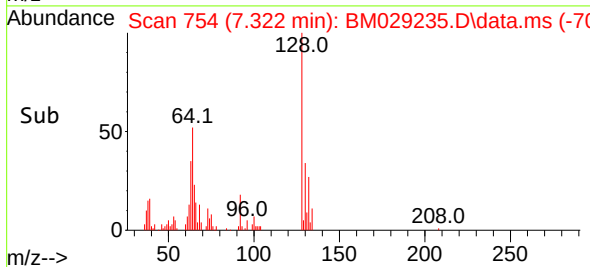
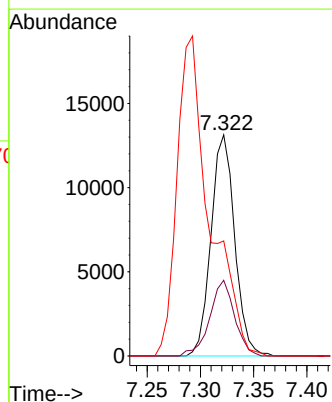
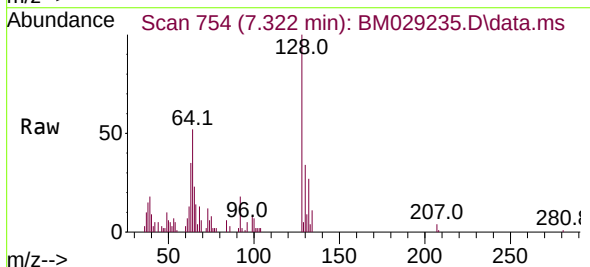
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BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

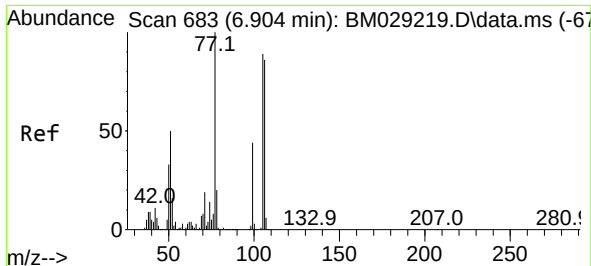
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| Tgt Ion: | 99    | Resp: | 530213 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 23.6  | 18.5  | 27.7   |
| 71       | 38.4  | 31.8  | 47.6   |



#8  
2-Chlorophenol  
Concen: 4.39 ng  
RT: 7.322 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 20305 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 130      | 34.2  | 13.1  | 53.1  |
| 64       | 52.0  | 30.9  | 70.9  |

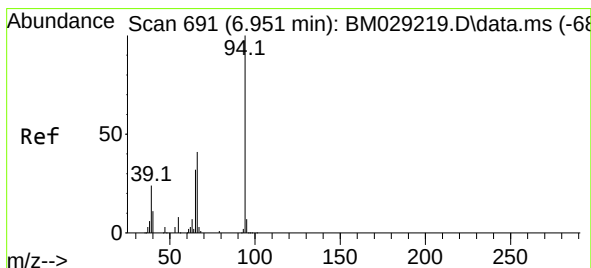
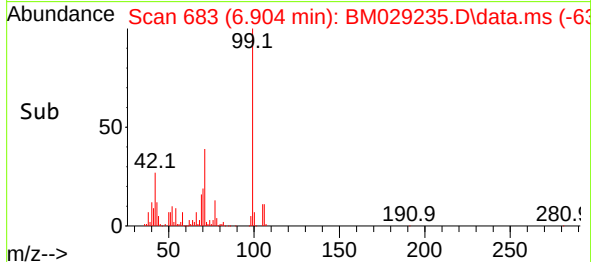
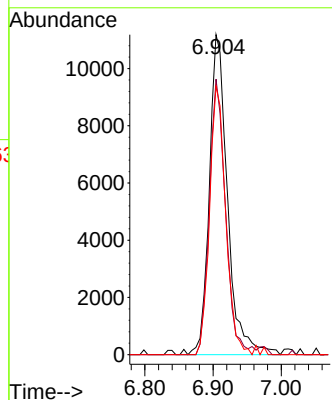
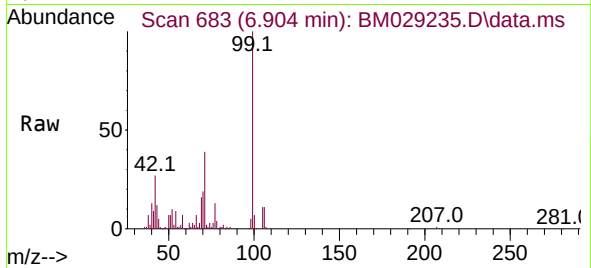




#9  
Benzaldehyde  
Concen: 5.64 ng  
RT: 6.904 min Scan# 683  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

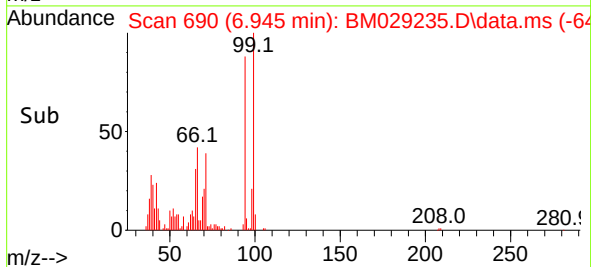
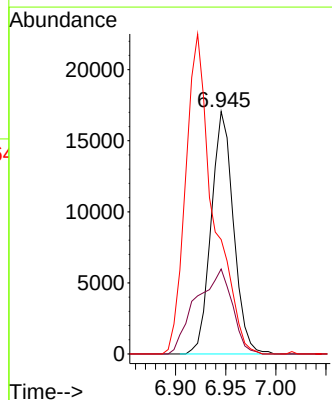
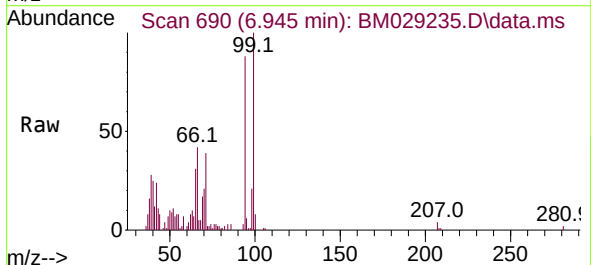
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

Tgt Ion: 77 Resp: 20830  
Ion Ratio Lower Upper  
77 100  
105 86.1 71.4 111.4  
106 83.9 66.5 106.5

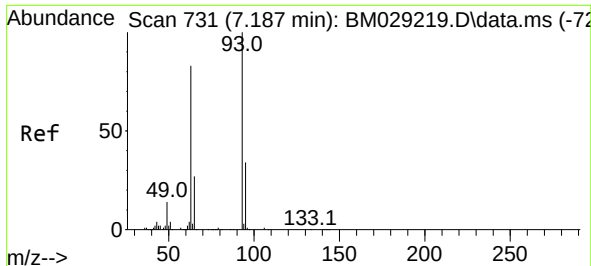


#10  
Phenol  
Concen: 4.55 ng  
RT: 6.945 min Scan# 690  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion: 94 Resp: 26424  
Ion Ratio Lower Upper  
94 100  
65 35.0 13.0 53.0  
66 47.2 24.1 64.1



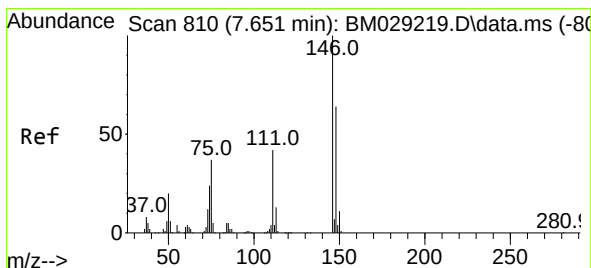
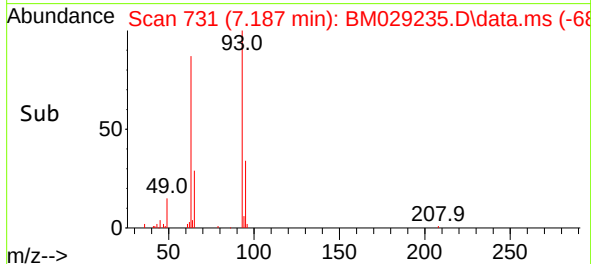
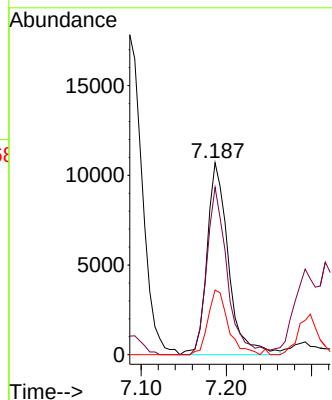
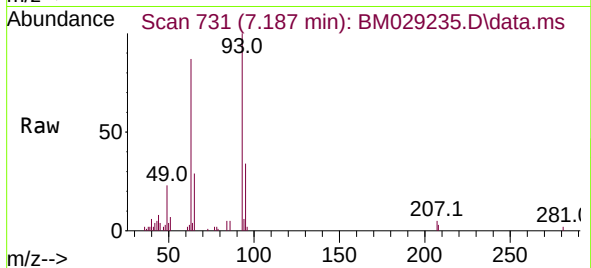




#11  
bis(2-Chloroethyl)ether  
Concen: 4.48 ng  
RT: 7.187 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

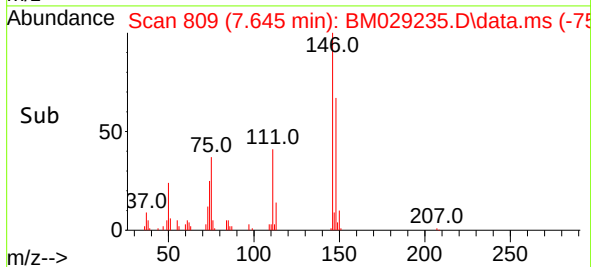
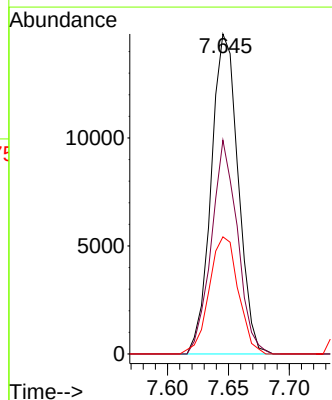
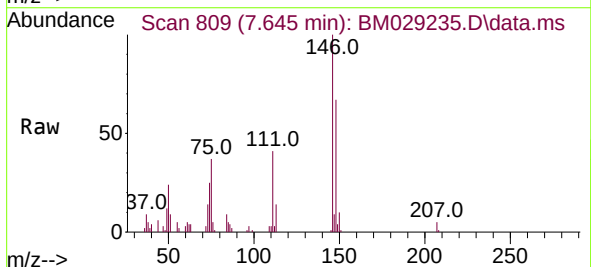
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

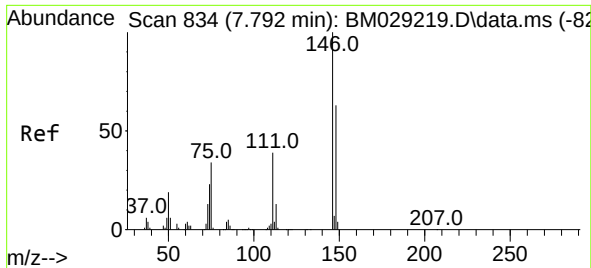
Tgt Ion: 93 Resp: 18633  
Ion Ratio Lower Upper  
93 100  
63 87.2 63.9 103.9  
95 33.7 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 4.41 ng  
RT: 7.645 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion: 146 Resp: 22802  
Ion Ratio Lower Upper  
146 100  
148 66.8 50.5 75.7  
75 36.6 29.7 44.5

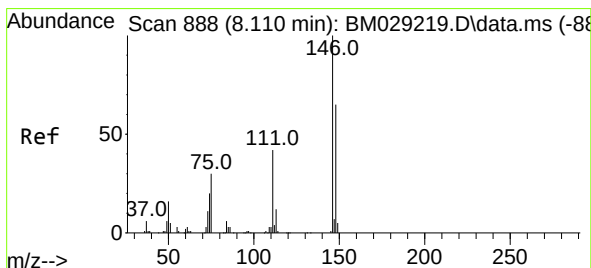
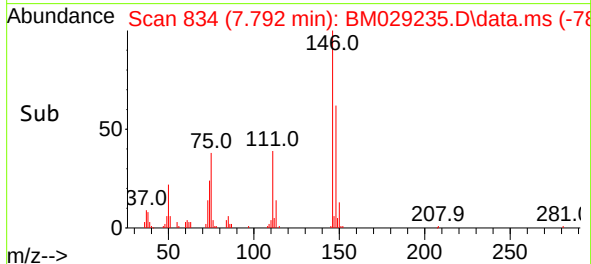
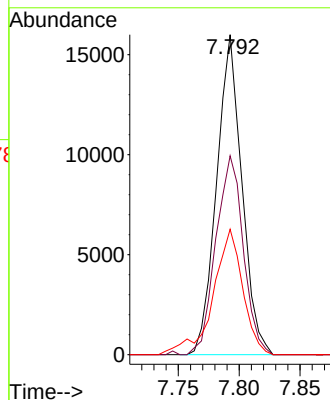
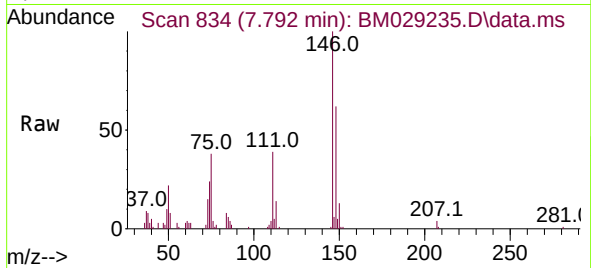




#13  
1,4-Dichlorobenzene  
Concen: 4.40 ng  
RT: 7.792 min Scan# 834  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

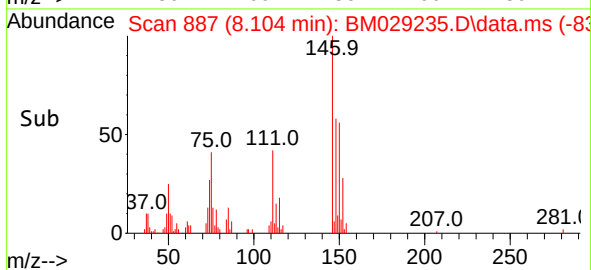
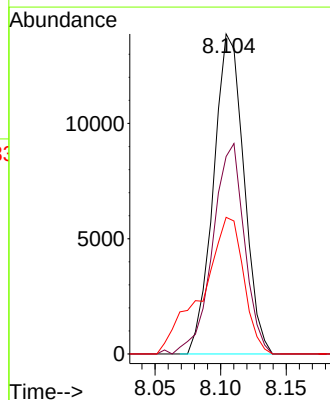
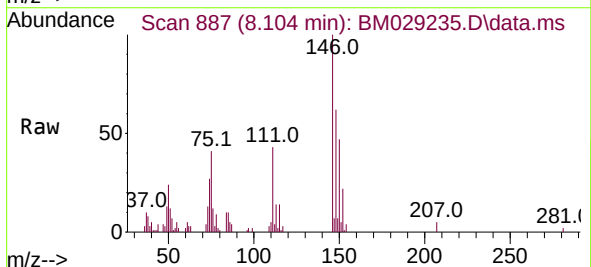
Tgt Ion:146 Resp: 23107  
Ion Ratio Lower Upper  
146 100  
148 62.2 51.8 77.6  
111 39.2 32.8 49.2

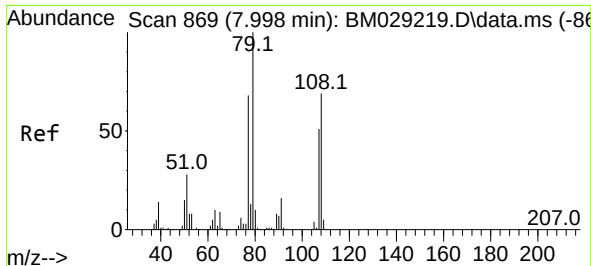
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021



#14  
1,2-Dichlorobenzene  
Concen: 4.44 ng  
RT: 8.104 min Scan# 887  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:146 Resp: 22377  
Ion Ratio Lower Upper  
146 100  
148 61.7 50.2 75.4  
111 42.7 35.8 53.8

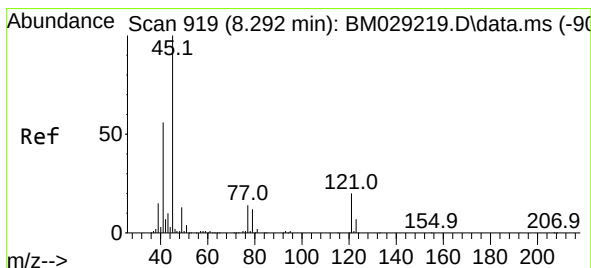
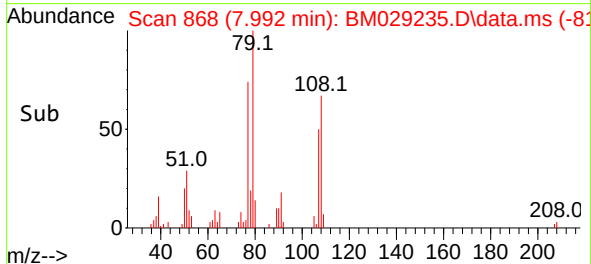
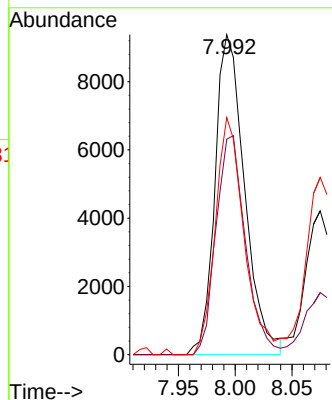
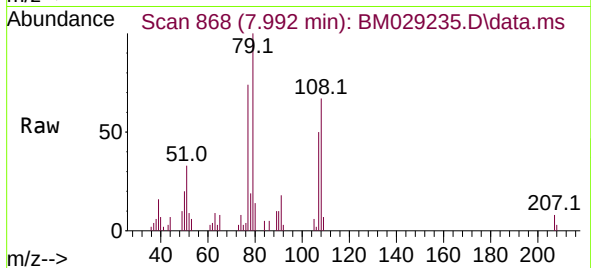




#15  
Benzyl Alcohol  
Concen: 4.00 ng  
RT: 7.992 min Scan# 868  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

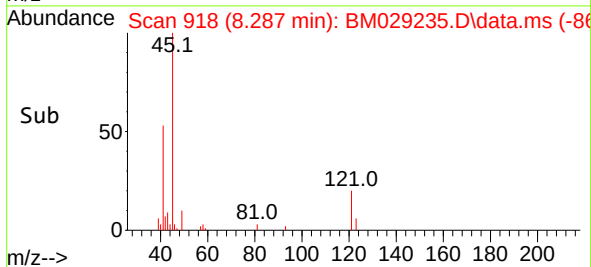
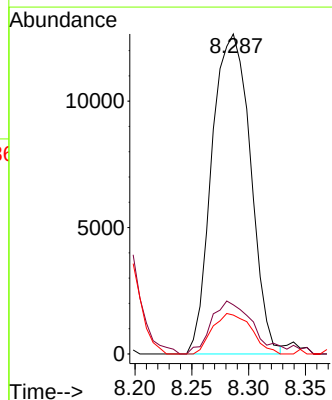
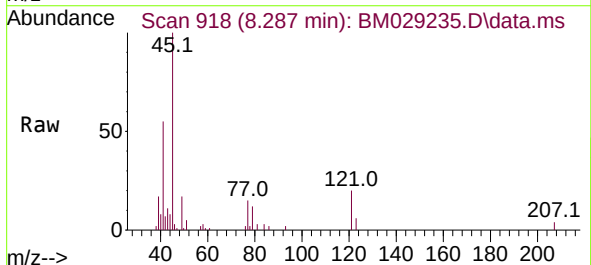
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

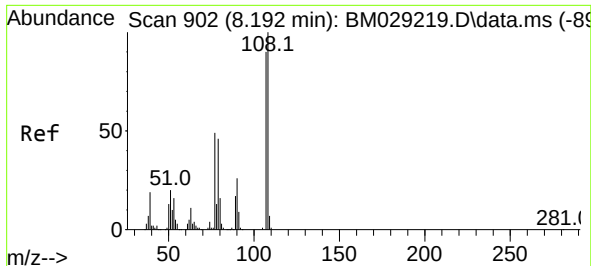
|             |                |
|-------------|----------------|
| Tgt Ion: 79 | Resp: 17012    |
| Ion Ratio   | Lower Upper    |
| 79          | 100            |
| 108         | 67.3 56.6 84.8 |
| 77          | 74.1 54.9 82.3 |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.69 ng  
RT: 8.287 min Scan# 918  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|             |               |
|-------------|---------------|
| Tgt Ion: 45 | Resp: 29874   |
| Ion Ratio   | Lower Upper   |
| 45          | 100           |
| 77          | 15.4 0.0 34.5 |
| 79          | 12.1 0.0 30.9 |

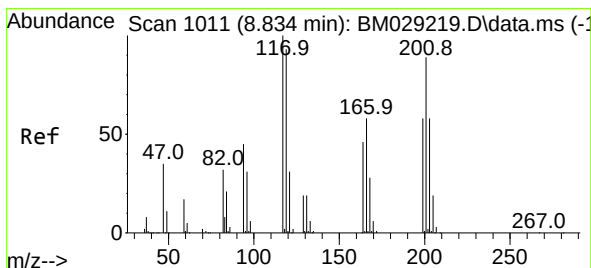
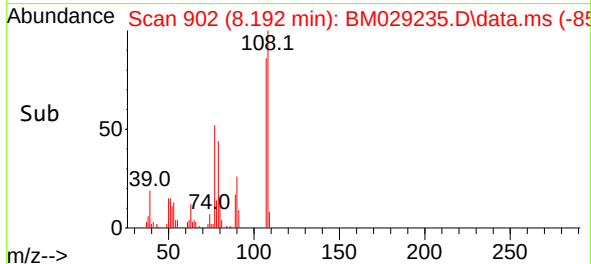
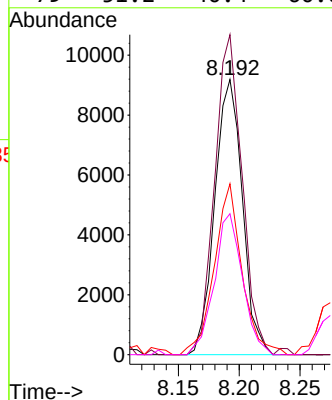
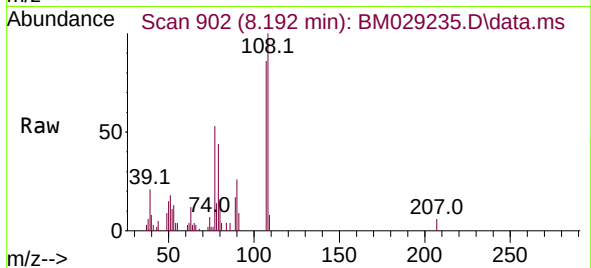




#17  
2-Methylphenol  
Concen: 3.88 ng  
RT: 8.192 min Scan# 902  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

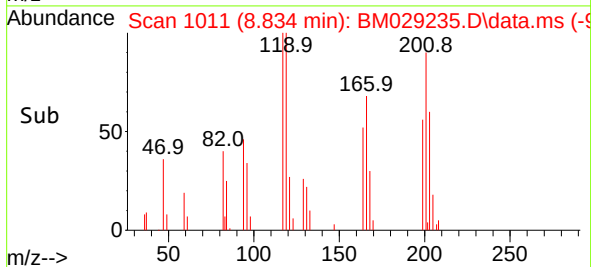
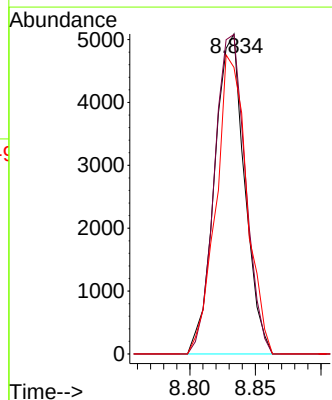
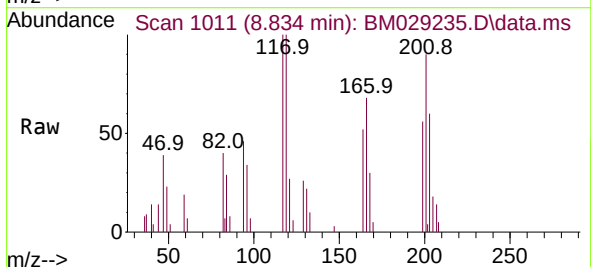
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

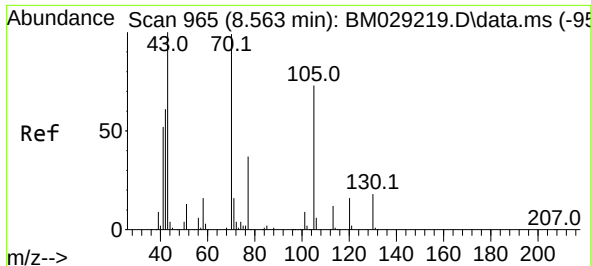
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 14496 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 116.3 | 89.8  | 134.6 |
| 77       | 62.1  | 42.8  | 64.2  |
| 79       | 51.2  | 40.4  | 60.6  |



#18  
Hexachloroethane  
Concen: 4.26 ng  
RT: 8.834 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

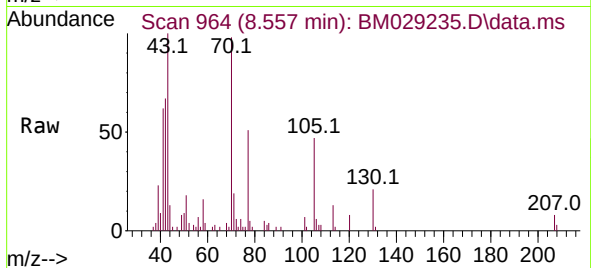
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 8120  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 99.8  | 75.0  | 112.6 |
| 201      | 93.8  | 74.6  | 111.8 |



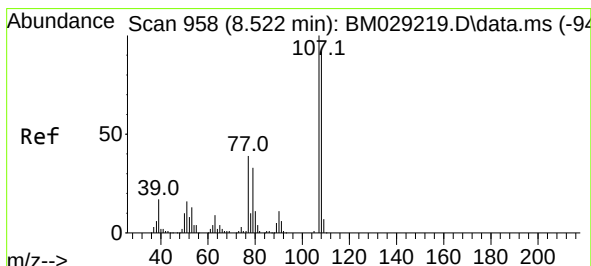
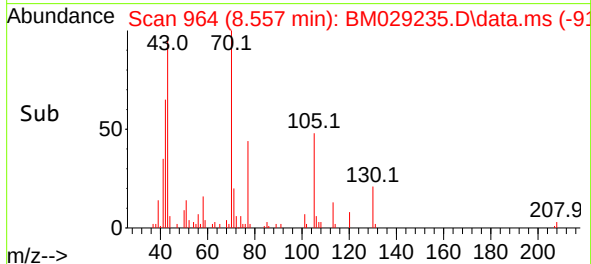
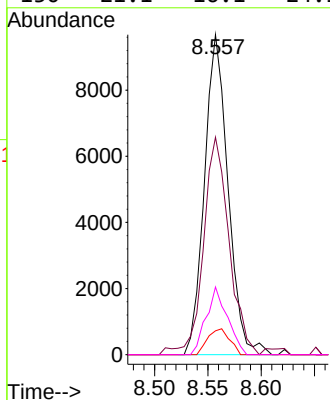


#19  
n-Nitroso-di-n-propylamine  
Concen: 3.93 ng  
RT: 8.557 min Scan# 964  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

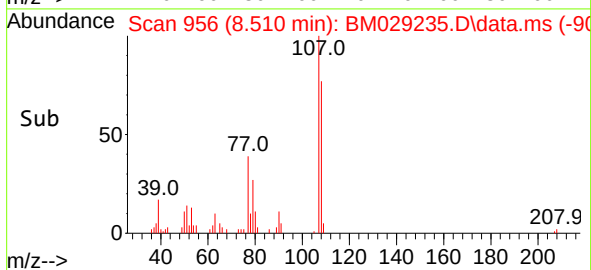
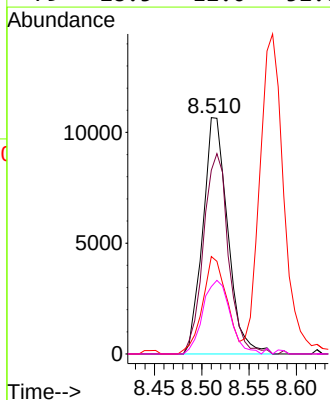
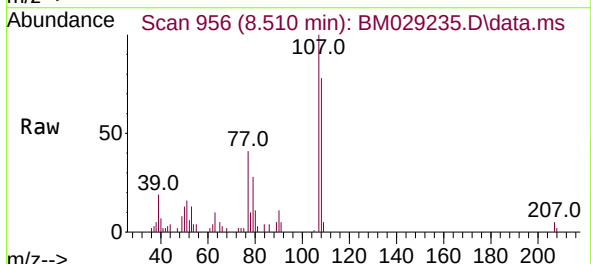


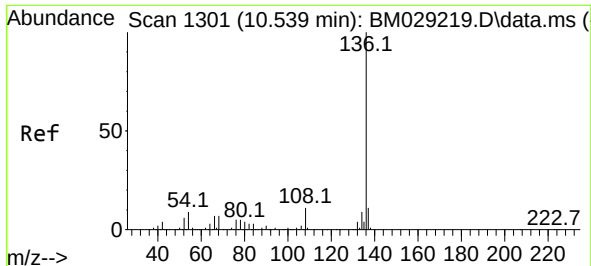
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 14905 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 68.0  | 53.3  | 79.9  |
| 101      | 7.5   | 6.7   | 10.1  |
| 130      | 21.1  | 16.1  | 24.1  |



#20  
3+4-Methylphenols  
Concen: 3.91 ng  
RT: 8.510 min Scan# 956  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 19531 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 77.7  | 68.5  | 108.5 |
| 77       | 41.2  | 17.0  | 57.0  |
| 79       | 28.5  | 12.0  | 52.0  |

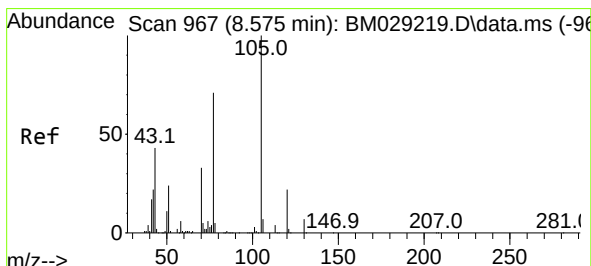
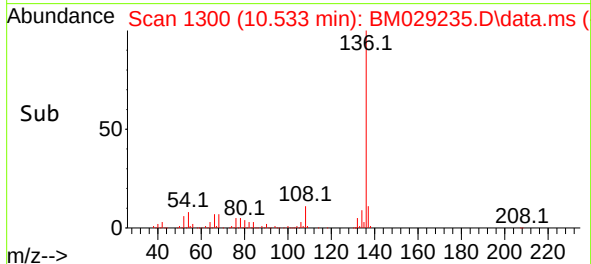
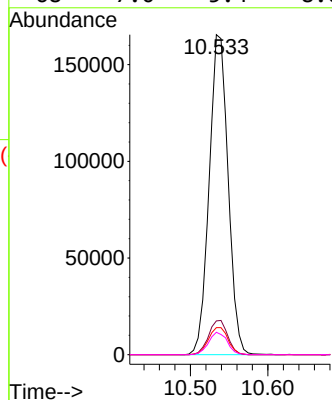
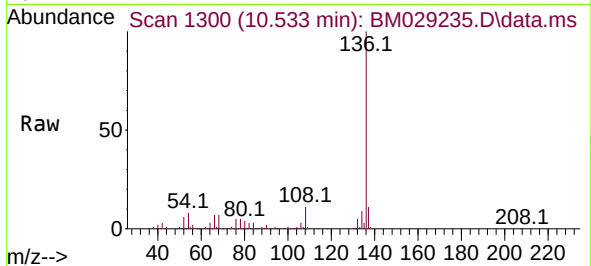




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.533 min Scan# 1300  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

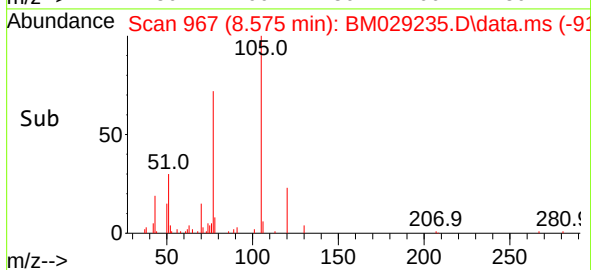
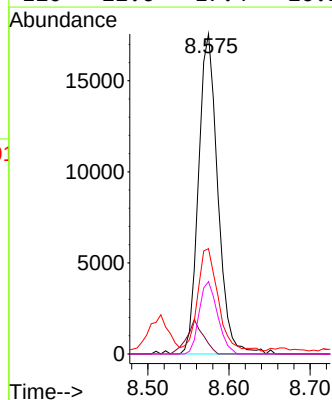
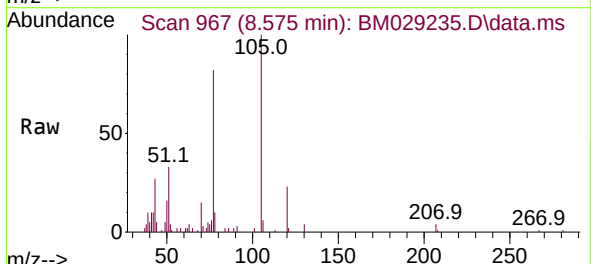
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

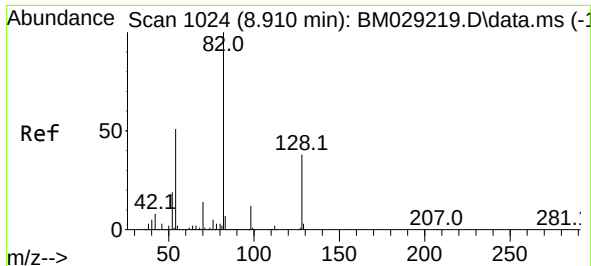
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 280604 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 9.3   | 13.9   |
| 54        | 8.4   | 6.9   | 10.3   |
| 68        | 7.0   | 5.4   | 8.0    |



#22  
Acetophenone  
Concen: 4.14 ng  
RT: 8.575 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 29054 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 3.2   | 2.8   | 4.2   |
| 51        | 32.9  | 24.7  | 37.1  |
| 120       | 22.6  | 17.4  | 26.2  |

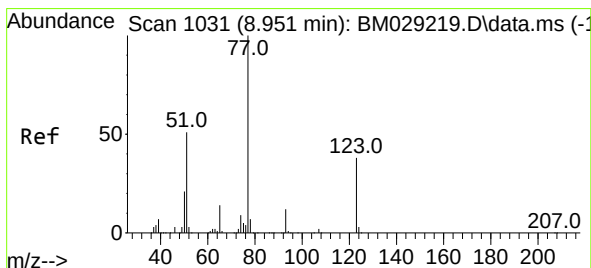
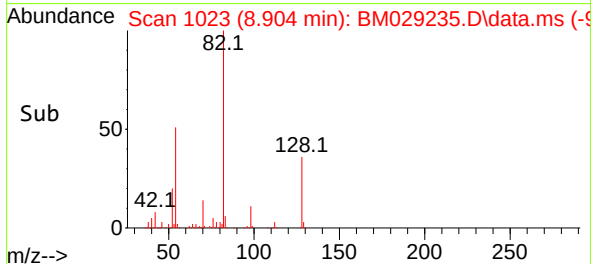
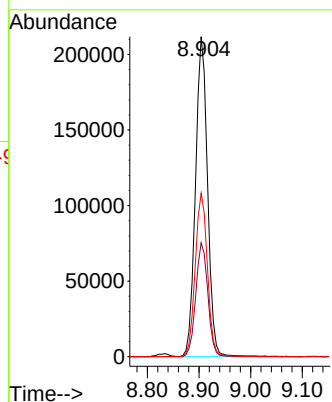
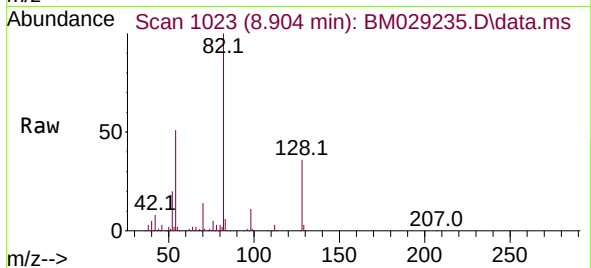




#23  
Nitrobenzene-d5  
Concen: 59.41 ng  
RT: 8.904 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

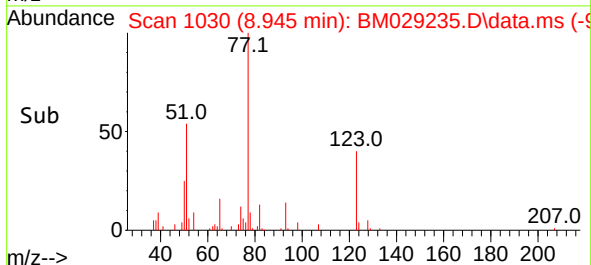
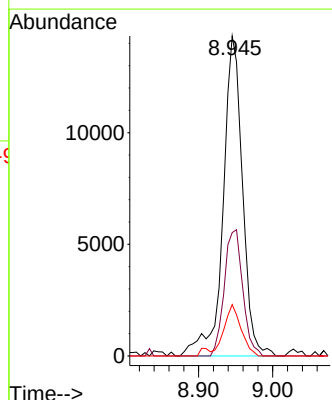
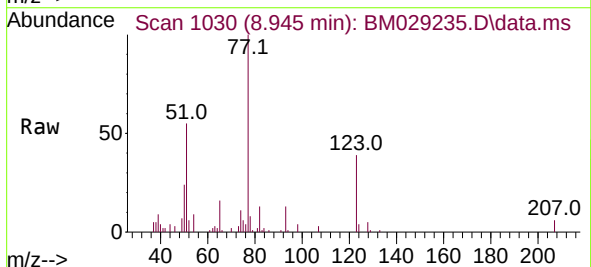
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

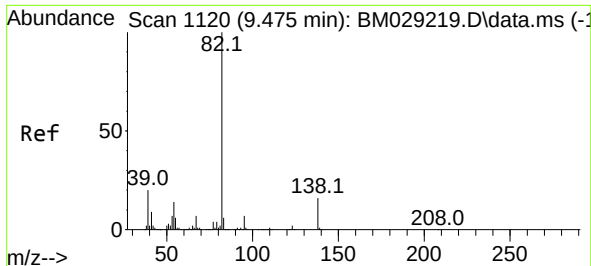
Tgt Ion: 82 Resp: 343342  
Ion Ratio Lower Upper  
82 100  
128 35.6 28.6 42.8  
54 51.1 40.7 61.1



#24  
Nitrobenzene  
Concen: 4.33 ng  
RT: 8.945 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion: 77 Resp: 26127  
Ion Ratio Lower Upper  
77 100  
123 38.6 31.3 46.9  
65 16.0 10.8 16.2

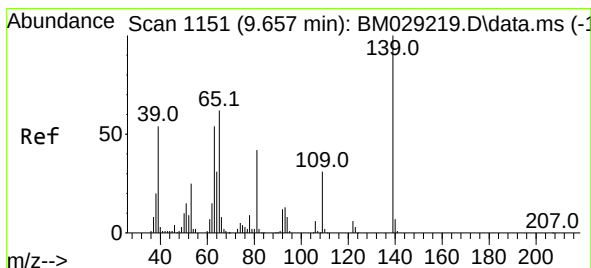
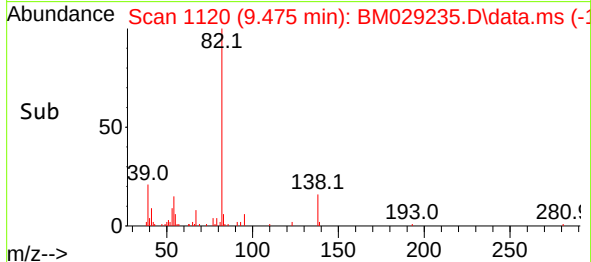
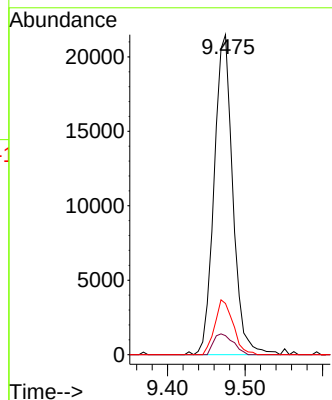
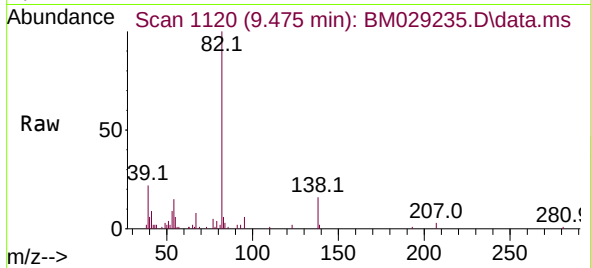




#25  
Isophorone  
Concen: 3.63 ng  
RT: 9.475 min Scan# 1120  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

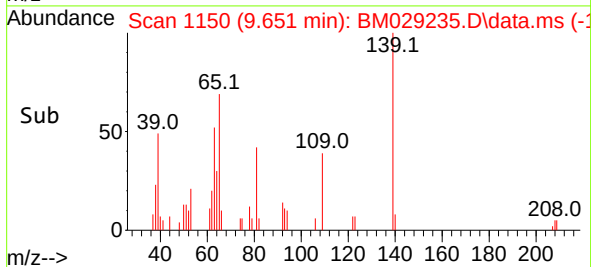
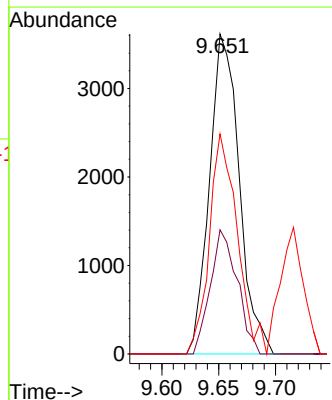
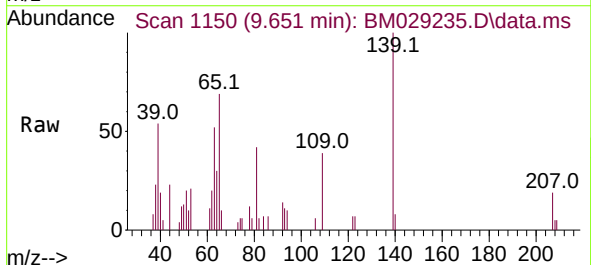
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

Tgt Ion: 82 Resp: 35992  
Ion Ratio Lower Upper  
82 100  
95 6.0 5.6 8.4  
138 16.0 13.3 19.9

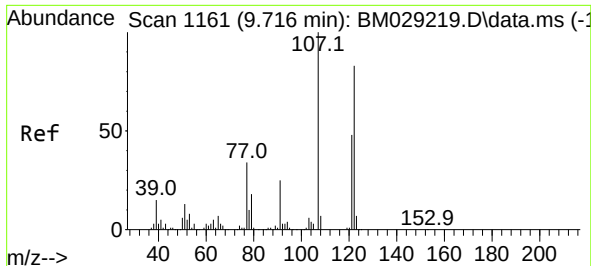


#26  
2-Nitrophenol  
Concen: 3.27 ng  
RT: 9.651 min Scan# 1150  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion: 139 Resp: 6585  
Ion Ratio Lower Upper  
139 100  
109 38.8 26.6 39.8  
65 68.8 45.6 68.4#



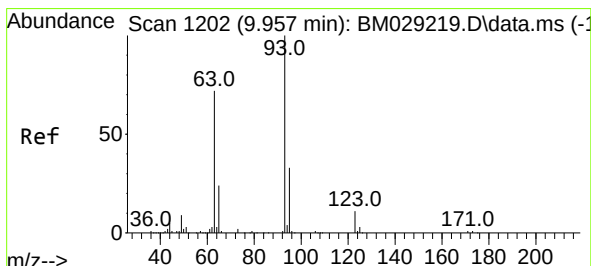
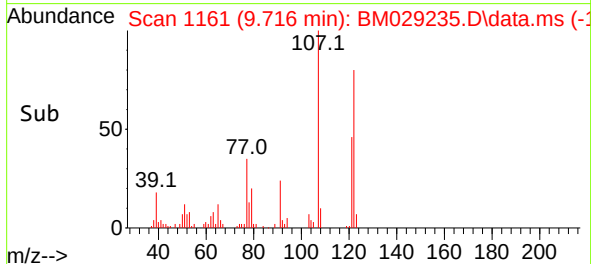
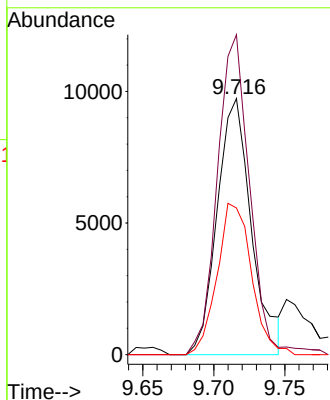
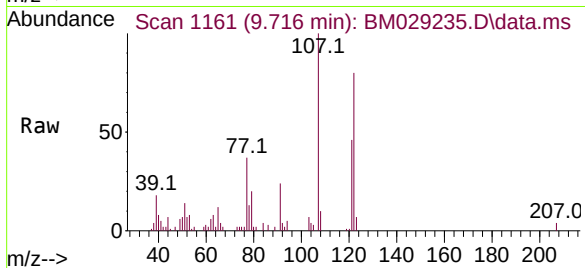




#27  
2,4-Dimethylphenol  
Concen: 4.24 ng  
RT: 9.716 min Scan# 1161  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

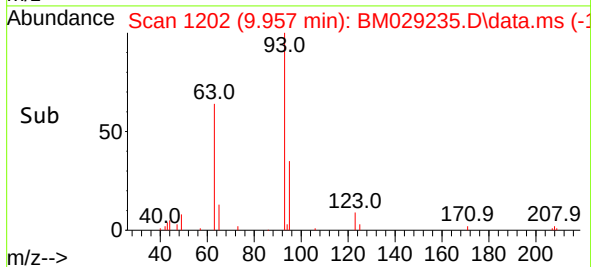
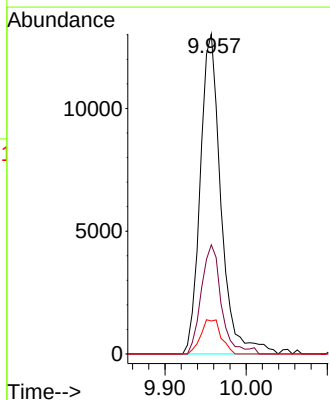
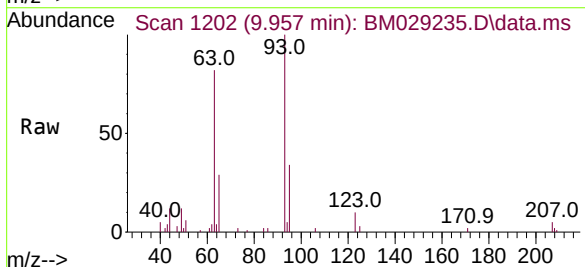
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

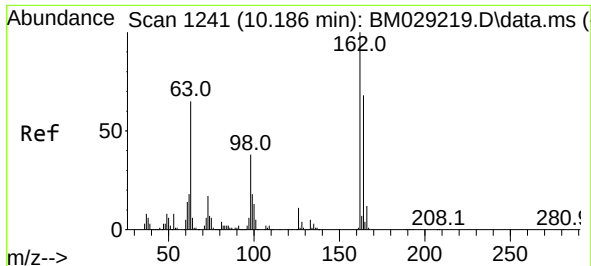
Tgt Ion:122 Resp: 16340  
Ion Ratio Lower Upper  
122 100  
107 124.9 95.0 142.6  
121 57.3 45.8 68.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 4.40 ng  
RT: 9.957 min Scan# 1202  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion: 93 Resp: 23082  
Ion Ratio Lower Upper  
93 100  
95 34.1 26.6 39.8  
123 10.3 8.6 13.0

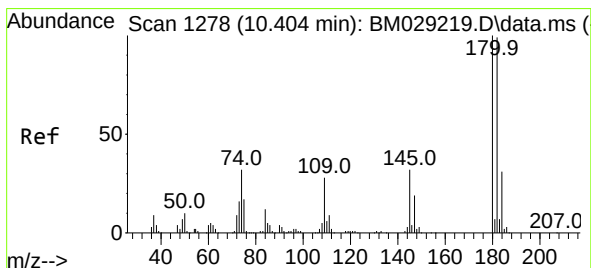
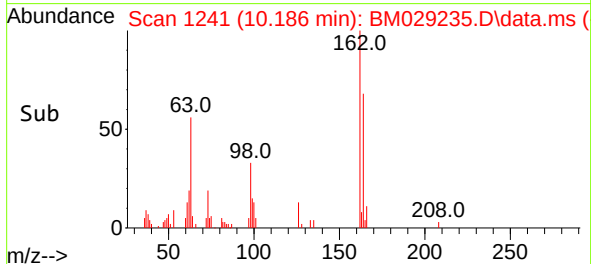
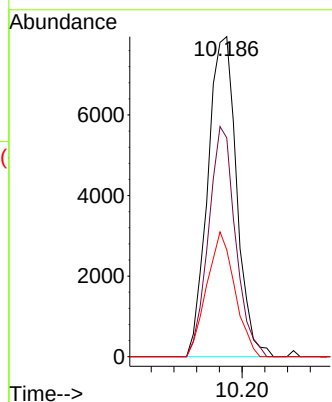
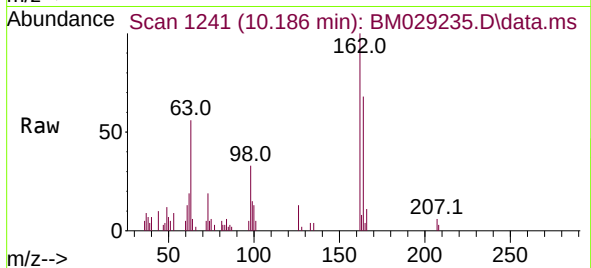




#29  
2,4-Dichlorophenol  
Concen: 3.34 ng  
RT: 10.186 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

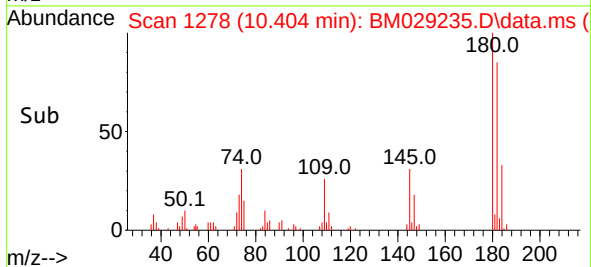
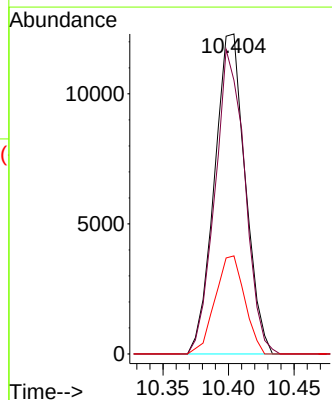
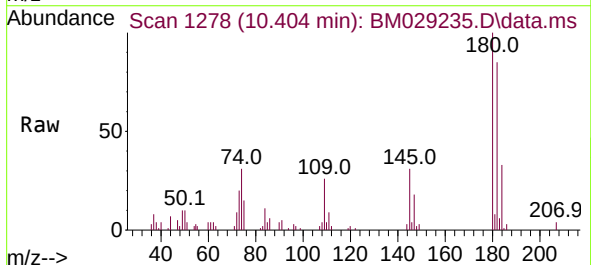
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

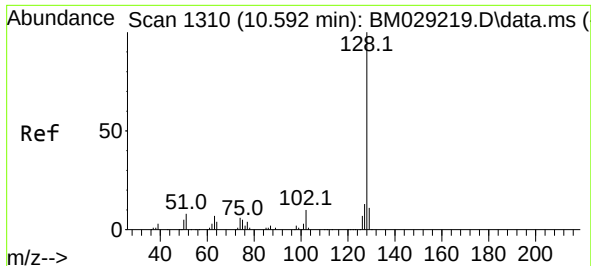
Tgt Ion:162 Resp: 14017  
Ion Ratio Lower Upper  
162 100  
164 68.4 45.7 85.7  
98 33.4 16.3 56.3



#30  
1,2,4-Trichlorobenzene  
Concen: 4.23 ng  
RT: 10.404 min Scan# 1278  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:180 Resp: 20122  
Ion Ratio Lower Upper  
180 100  
182 85.5 77.0 115.4  
145 30.7 25.4 38.2

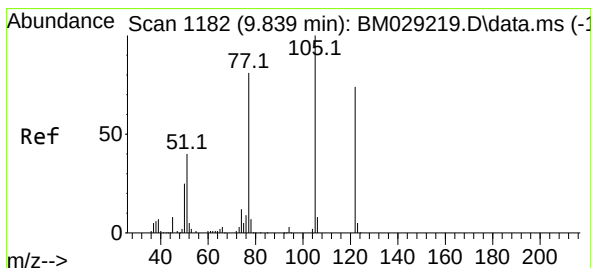
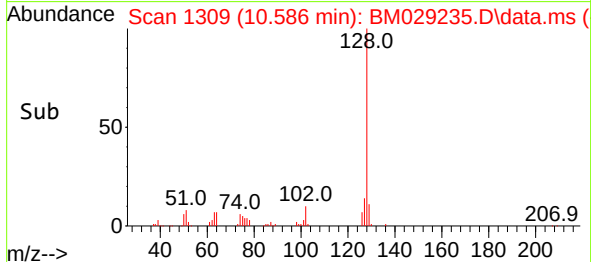
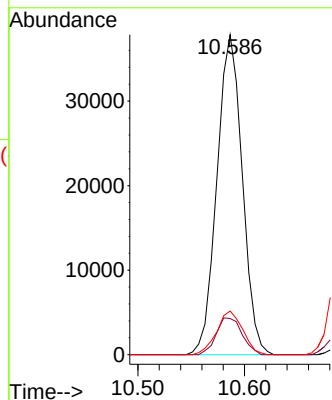
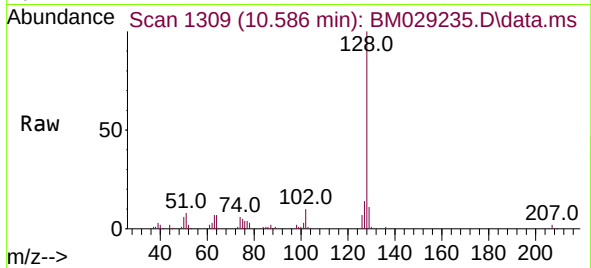




#31  
Naphthalene  
Concen: 4.23 ng  
RT: 10.586 min Scan# 1309  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

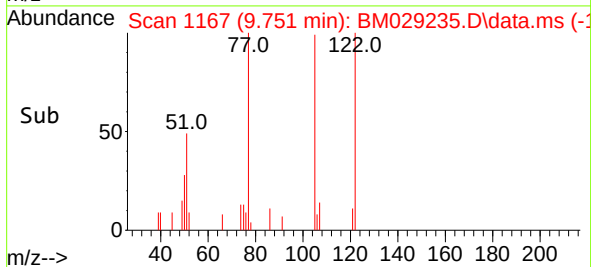
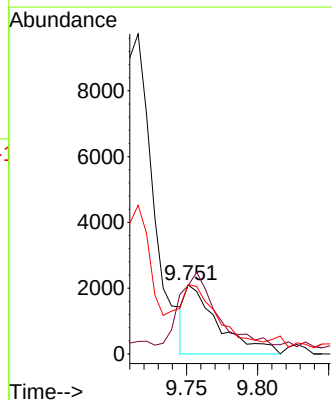
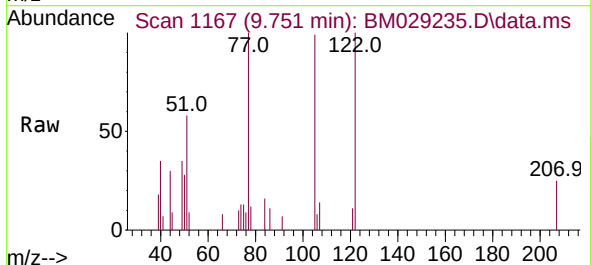
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

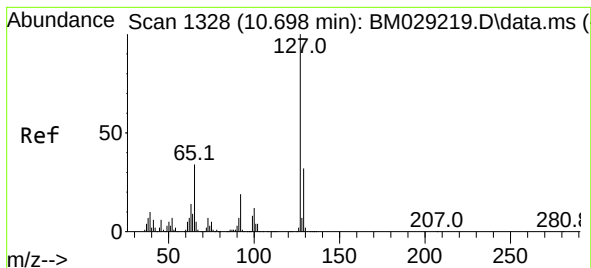
Tgt Ion:128 Resp: 62529  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.7 10.7 16.1



#32  
Benzoic acid  
Concen: 1.51 ng  
RT: 9.751 min Scan# 1167  
Delta R.T. -0.088 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:122 Resp: 3393  
Ion Ratio Lower Upper  
122 100  
105 99.2 108.2 148.2#  
77 100.2 86.0 126.0

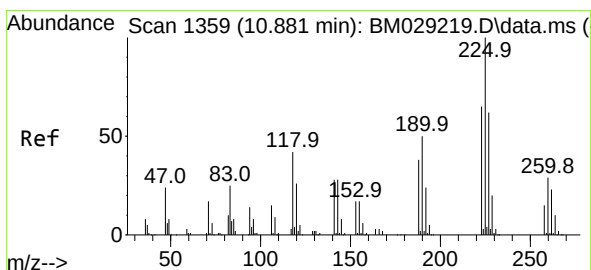
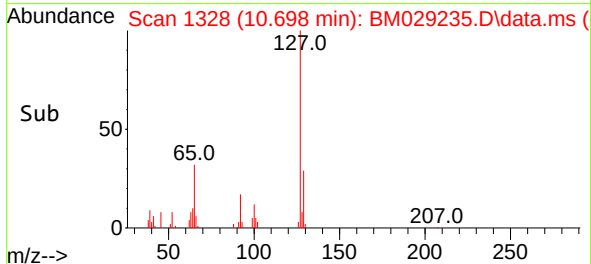
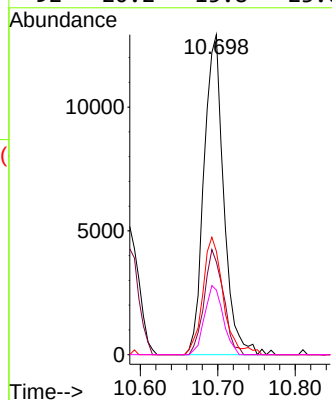
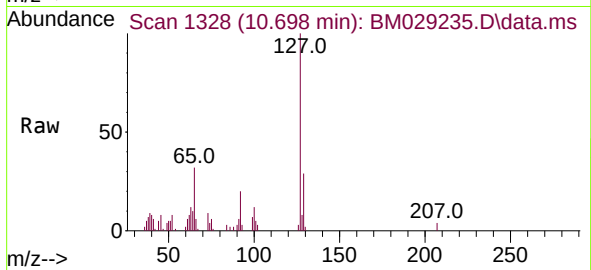




#33  
4-Chloroaniline  
Concen: 3.92 ng  
RT: 10.698 min Scan# 1328  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

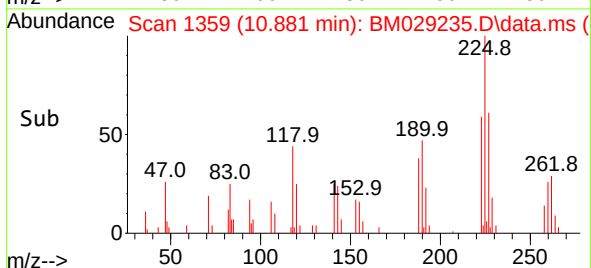
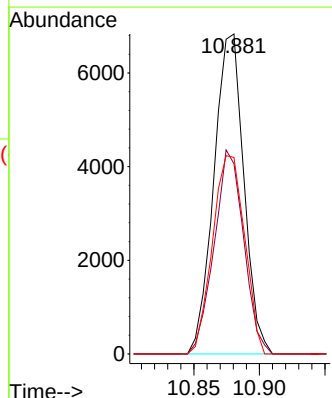
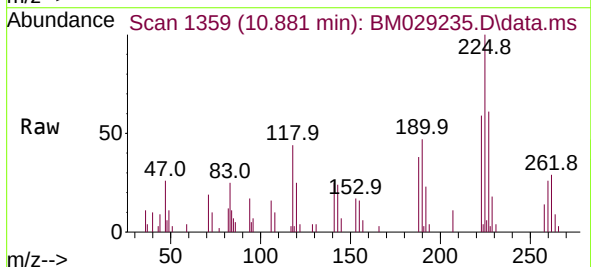
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

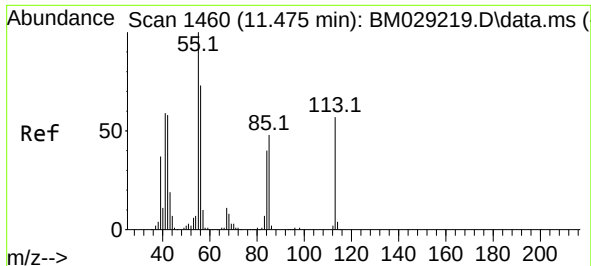
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 22914     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 28.9  | 25.4 38.0 |
| 65          | 32.4  | 28.6 42.8 |
| 92          | 20.2  | 15.8 23.6 |



#34  
Hexachlorobutadiene  
Concen: 3.92 ng  
RT: 10.881 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 10851     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 56.3  | 51.8 77.8 |
| 227         | 60.6  | 52.2 78.4 |

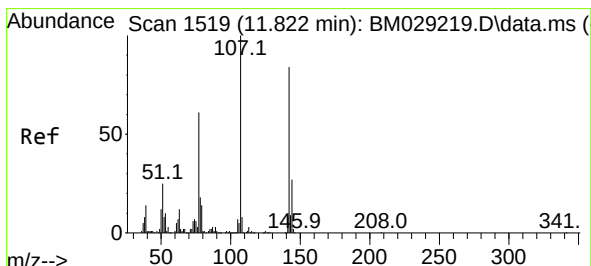
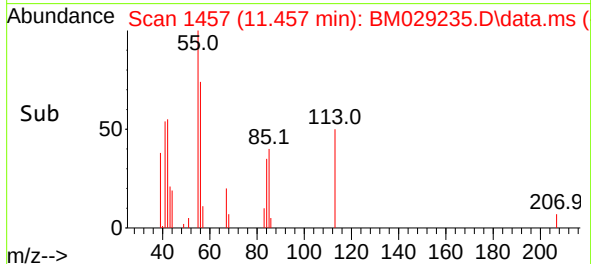
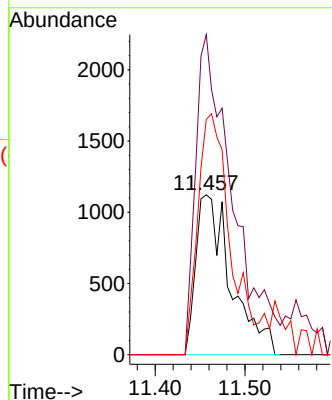
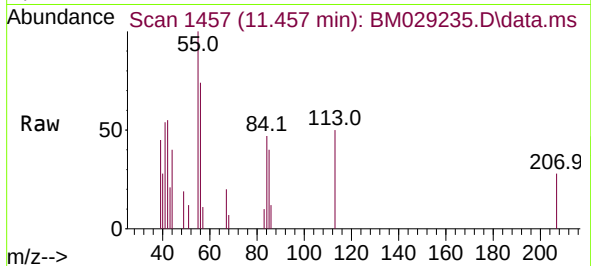




#35  
Caprolactam  
Concen: 2.39 ng  
RT: 11.457 min Scan# 1457  
Delta R.T. -0.018 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

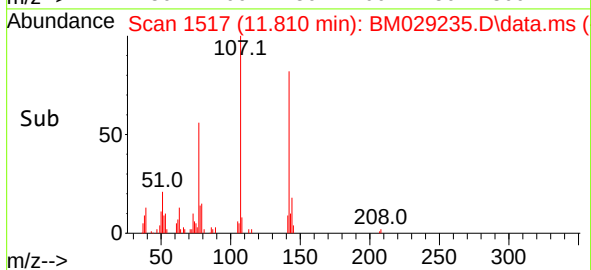
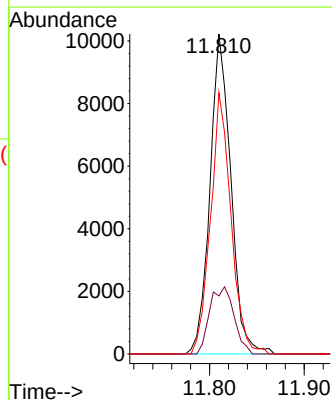
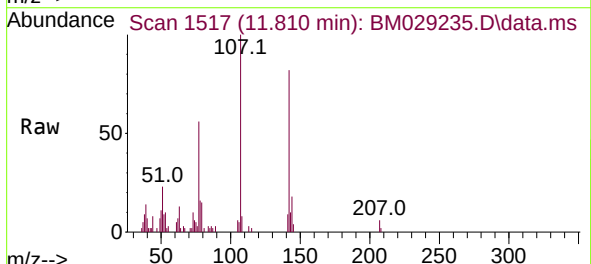
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

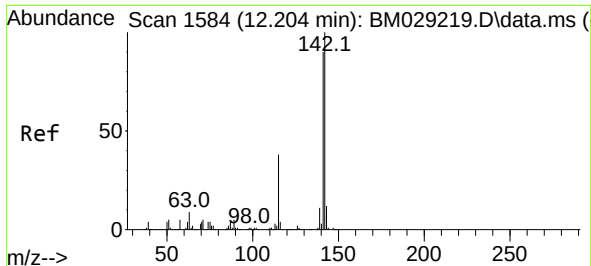
Tgt Ion:113 Resp: 3047  
Ion Ratio Lower Upper  
113 100  
55 200.1 149.4 189.4#  
56 147.1 110.8 150.8



#36  
4-Chloro-3-methylphenol  
Concen: 3.50 ng  
RT: 11.810 min Scan# 1517  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:107 Resp: 15653  
Ion Ratio Lower Upper  
107 100  
144 18.2 22.7 34.1#  
142 81.6 67.0 100.4

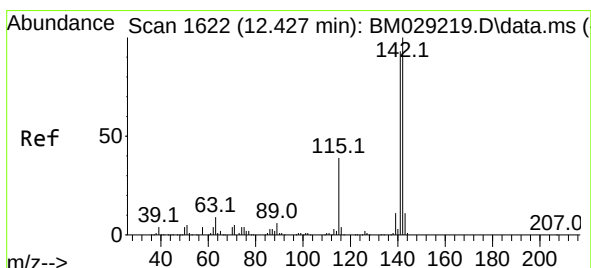
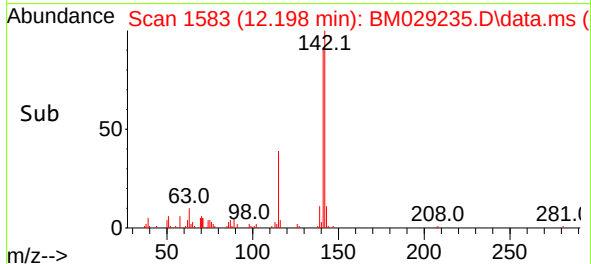
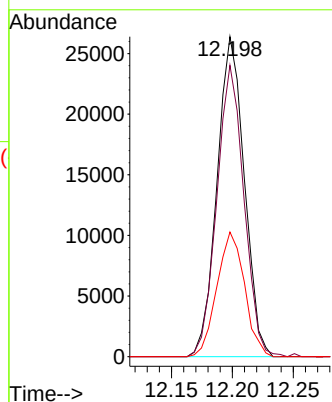
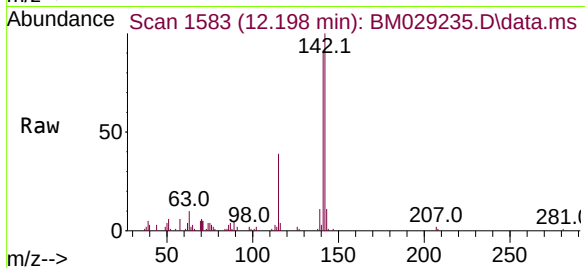




#37  
2-Methylnaphthalene  
Concen: 3.98 ng  
RT: 12.198 min Scan# 1583  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

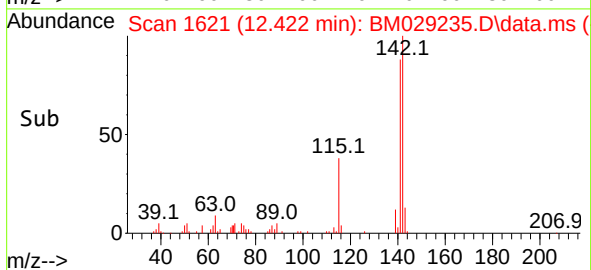
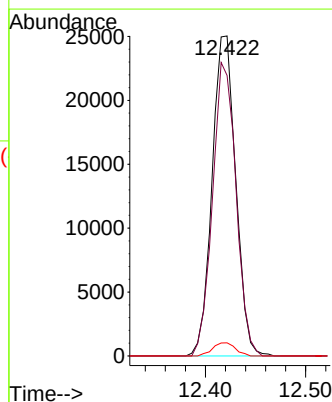
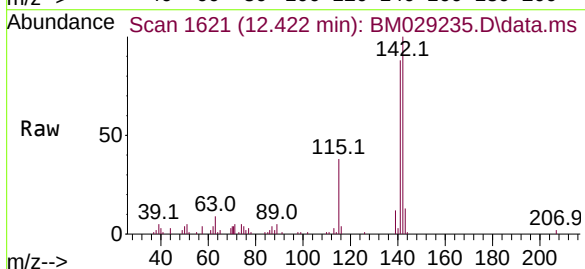
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

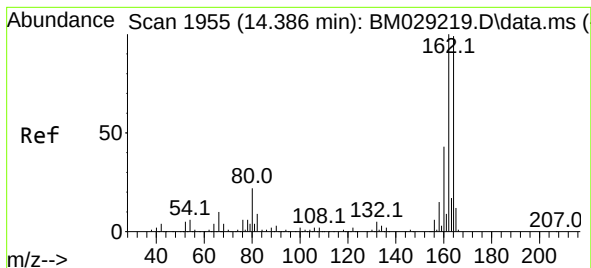
Tgt Ion:142 Resp: 41166  
Ion Ratio Lower Upper  
142 100  
141 91.0 72.0 108.0  
115 39.0 29.8 44.6



#38  
1-Methylnaphthalene  
Concen: 4.17 ng  
RT: 12.422 min Scan# 1621  
Delta R.T. -0.005 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:142 Resp: 41051  
Ion Ratio Lower Upper  
142 100  
141 87.7 73.5 110.3  
116 4.1 3.2 4.8

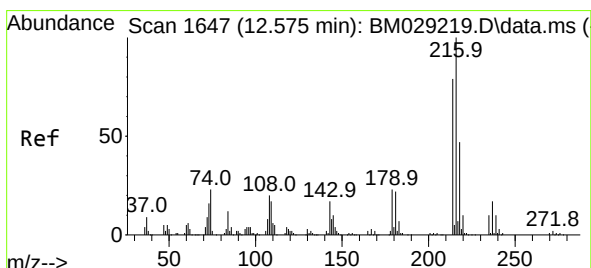
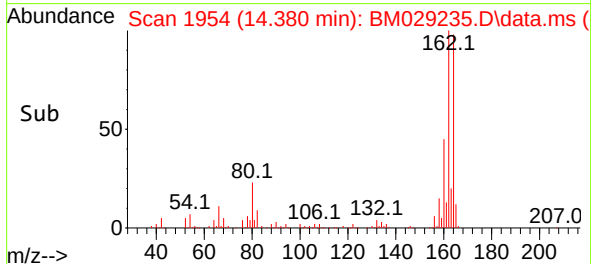
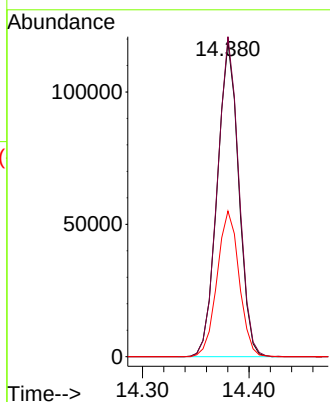
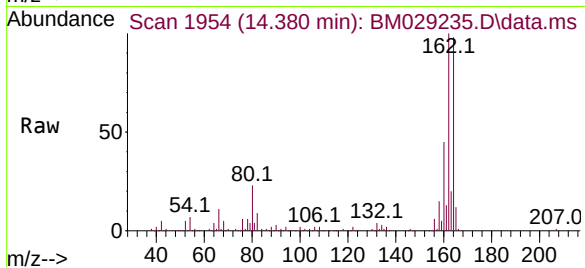




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.380 min Scan# 1954  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

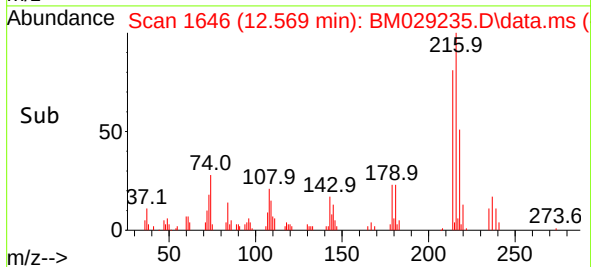
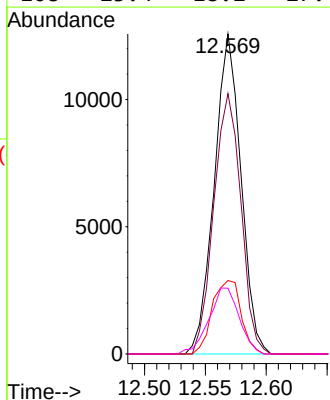
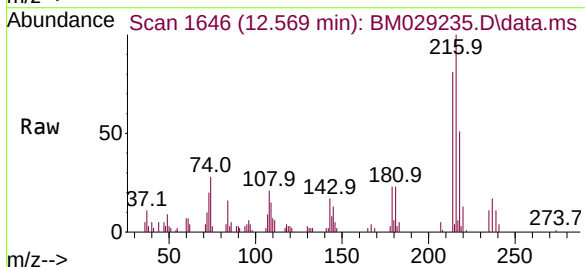
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

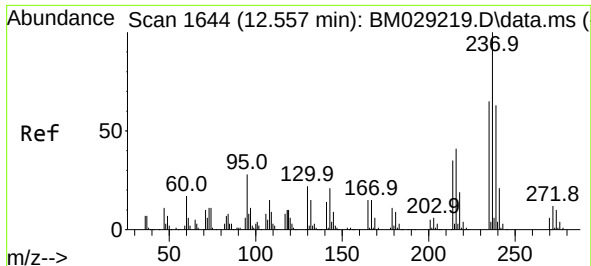
Tgt Ion:164 Resp: 165881  
Ion Ratio Lower Upper  
164 100  
162 101.8 84.4 126.6  
160 46.3 36.6 54.8



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.13 ng  
RT: 12.569 min Scan# 1646  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:216 Resp: 19209  
Ion Ratio Lower Upper  
216 100  
214 82.6 62.3 93.5  
179 24.8 18.6 27.8  
108 23.4 18.2 27.4

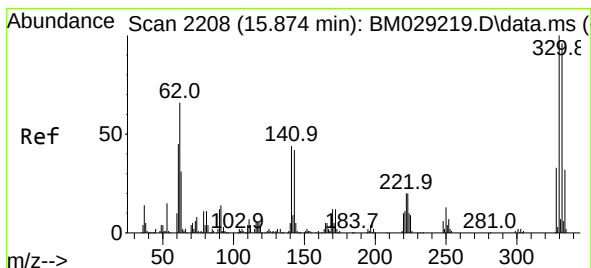
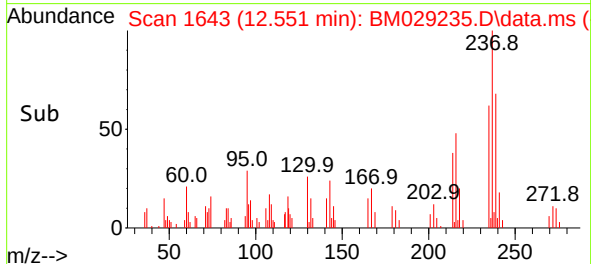
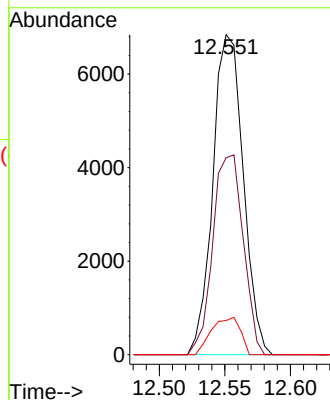
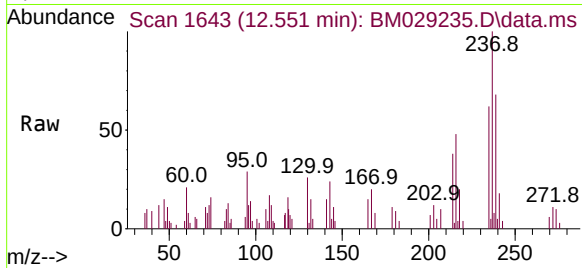




#41  
Hexachlorocyclopentadiene  
Concen: 4.33 ng  
RT: 12.551 min Scan# 1643  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

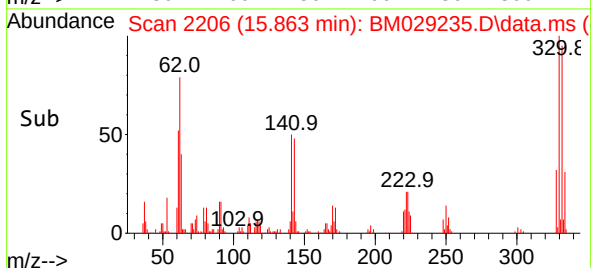
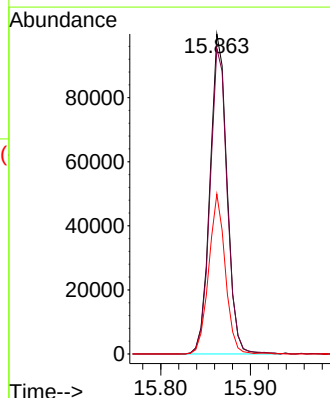
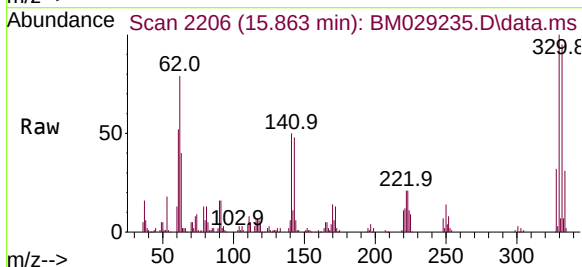
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 11036 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 61.6  | 41.8  | 81.8  |
| 272      | 10.7  | 0.0   | 31.1  |

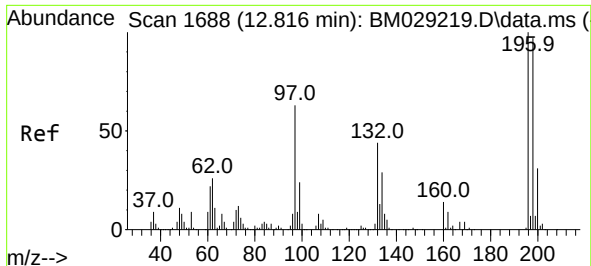


#42  
2,4,6-Tribromophenol  
Concen: 85.64 ng  
RT: 15.863 min Scan# 2206  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 131560 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.2  | 77.1  | 115.7  |
| 141      | 48.5  | 39.2  | 58.8   |



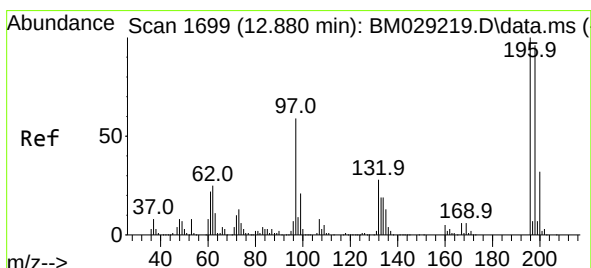
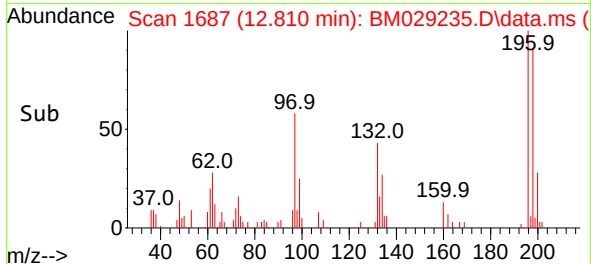
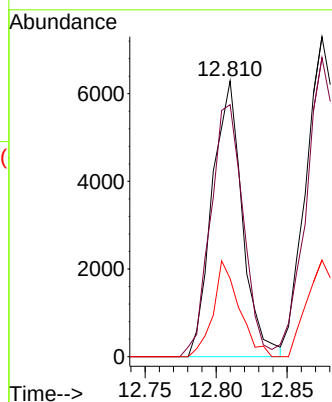
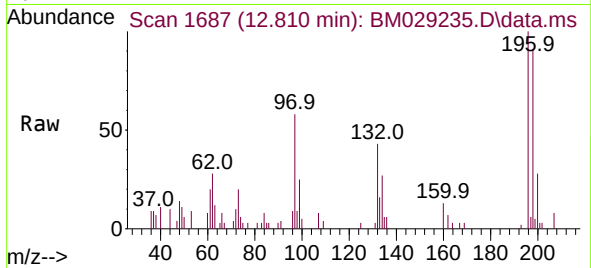




#43  
2,4,6-Trichlorophenol  
Concen: 3.09 ng  
RT: 12.810 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

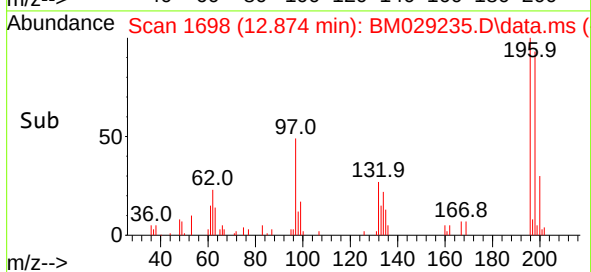
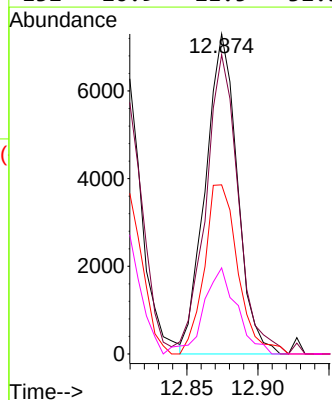
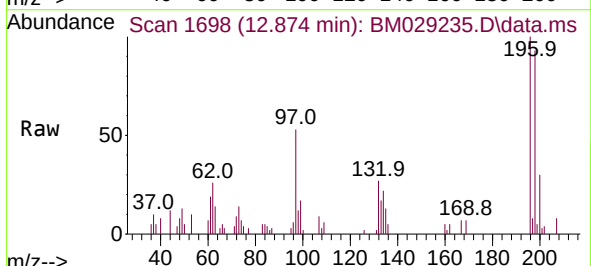
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

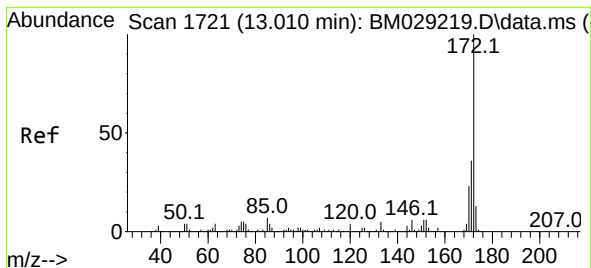
Tgt Ion:196 Resp: 9336  
Ion Ratio Lower Upper  
196 100  
198 91.4 75.3 112.9  
200 28.3 25.2 37.8



#44  
2,4,5-Trichlorophenol  
Concen: 3.39 ng  
RT: 12.874 min Scan# 1698  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:196 Resp: 11420  
Ion Ratio Lower Upper  
196 100  
198 93.5 74.6 112.0  
97 52.8 46.4 69.6  
132 26.9 21.5 32.3





#45

2-Fluorobiphenyl

Concen: 61.25 ng

RT: 13.004 min Scan# 1720

Delta R.T. -0.006 min

Lab File: BM029235.D

Acq: 26 Mar 2021 15:44

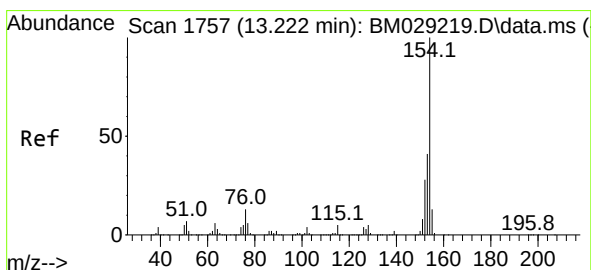
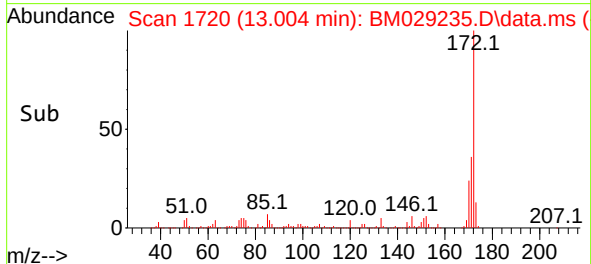
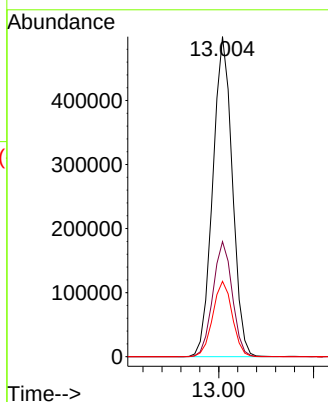
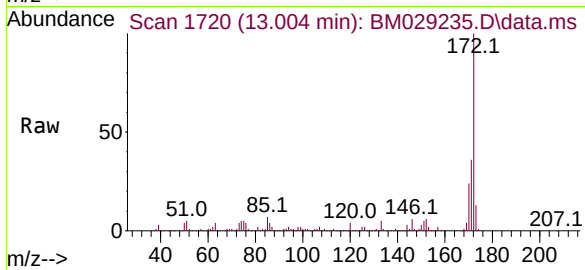
Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2021

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 716328    |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 35.9  | 28.7 43.1 |
| 170         | 23.5  | 18.8 28.2 |



#46

1,1'-Biphenyl

Concen: 4.42 ng

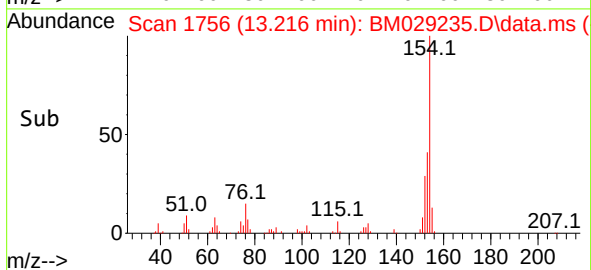
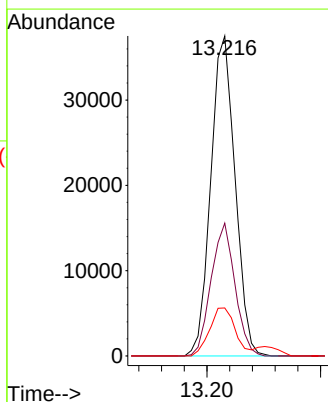
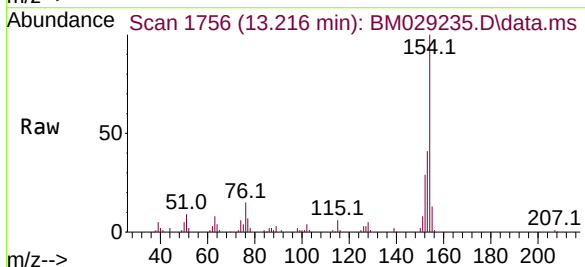
RT: 13.216 min Scan# 1756

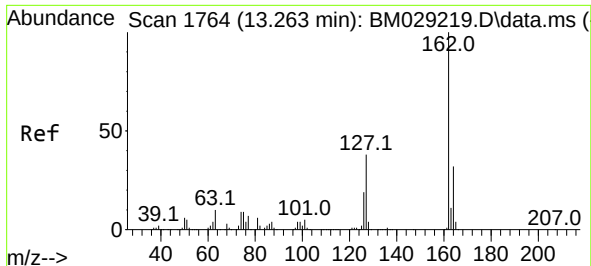
Delta R.T. -0.006 min

Lab File: BM029235.D

Acq: 26 Mar 2021 15:44

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:154 | Resp: | 55679     |
| Ion Ratio   | Lower | Upper     |
| 154         | 100   |           |
| 153         | 41.5  | 21.5 61.5 |
| 76          | 15.0  | 0.0 33.6  |

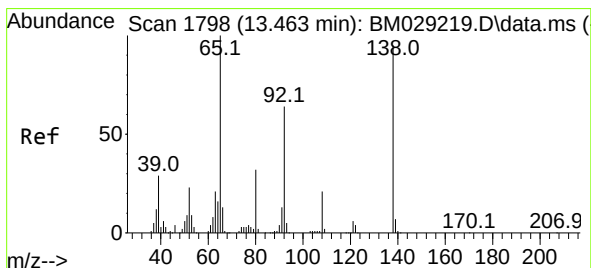
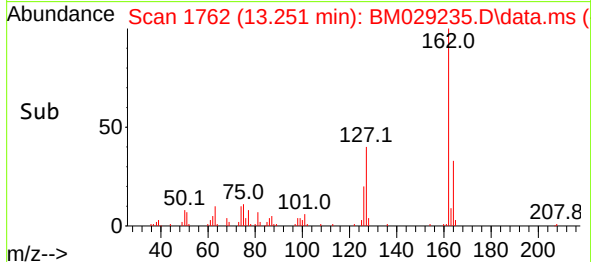
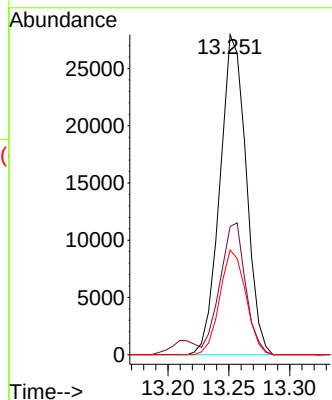
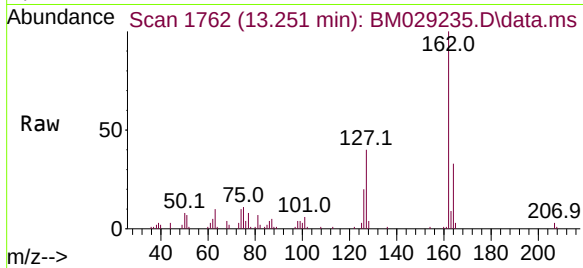




#47  
2-Chloronaphthalene  
Concen: 4.22 ng  
RT: 13.251 min Scan# 1762  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

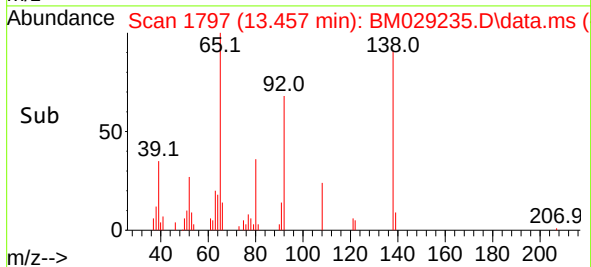
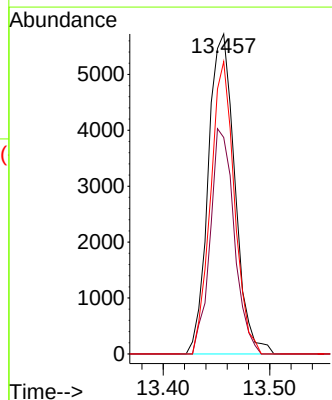
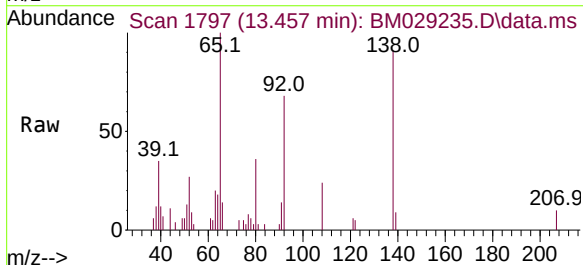
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

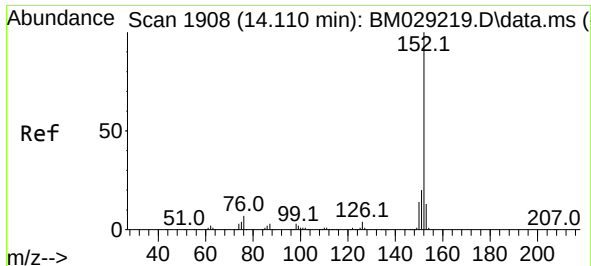
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 41921 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 40.1  | 30.4  | 45.6  |
| 164       | 32.7  | 26.3  | 39.5  |



#48  
2-Nitroaniline  
Concen: 3.41 ng  
RT: 13.457 min Scan# 1797  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 9921  |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 67.7  | 52.4  | 78.6  |
| 138       | 91.4  | 75.0  | 112.6 |

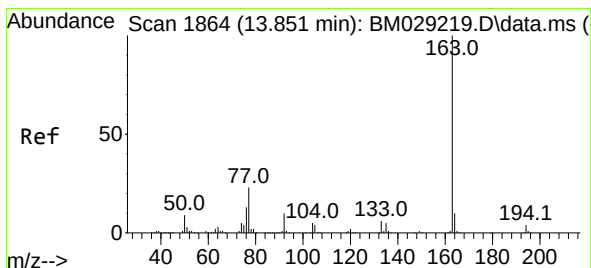
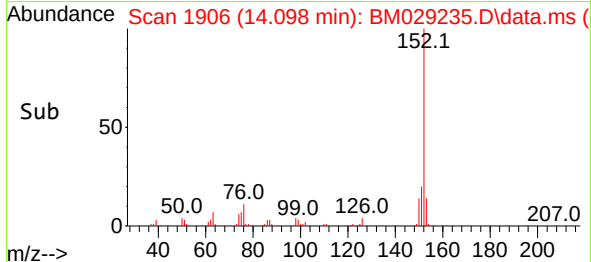
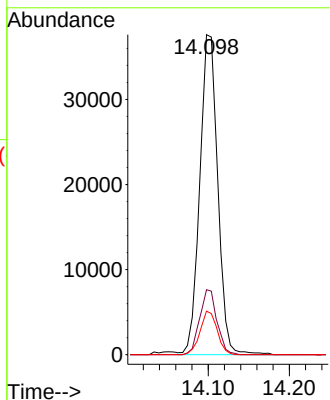
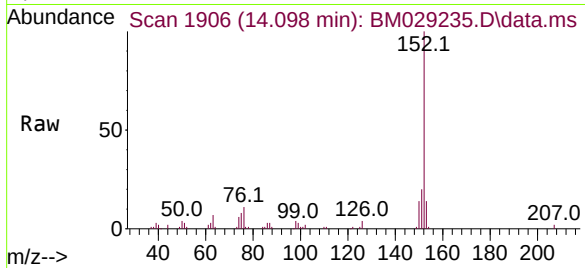




#49  
Acenaphthylene  
Concen: 3.83 ng  
RT: 14.098 min Scan# 1906  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

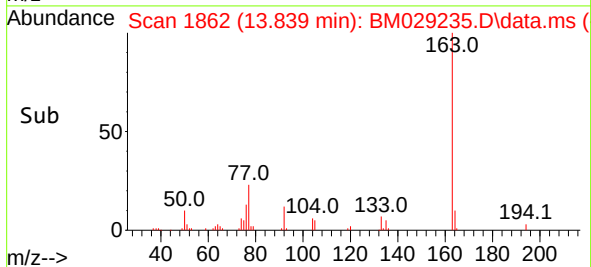
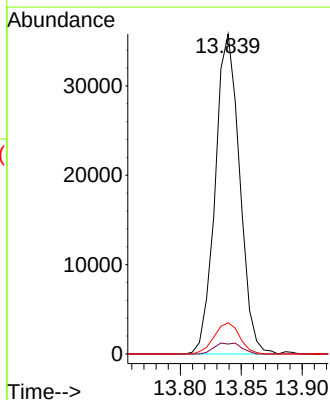
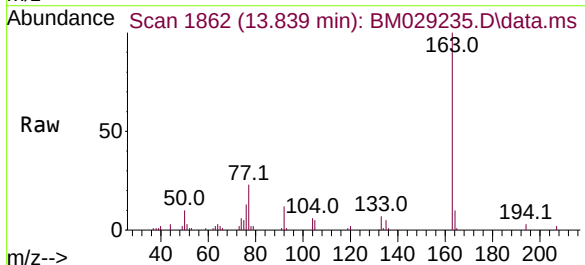
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

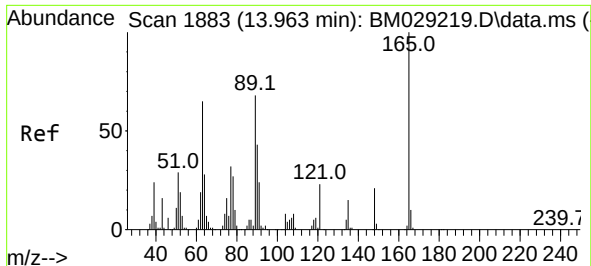
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 57804     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 20.3  | 16.2 24.4 |
| 153         | 13.6  | 10.2 15.2 |



#50  
Dimethylphthalate  
Concen: 4.31 ng  
RT: 13.839 min Scan# 1862  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:163 | Resp: | 49968    |
| Ion Ratio   | Lower | Upper    |
| 163         | 100   |          |
| 194         | 3.1   | 3.2 4.8# |
| 164         | 9.8   | 7.9 11.9 |

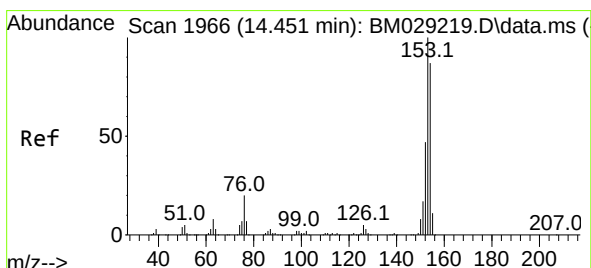
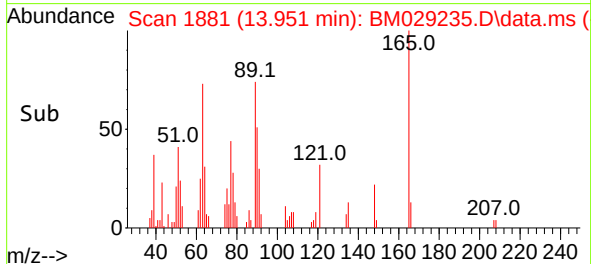
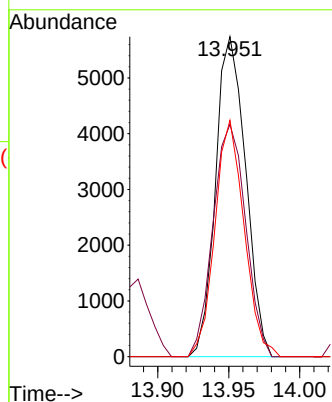
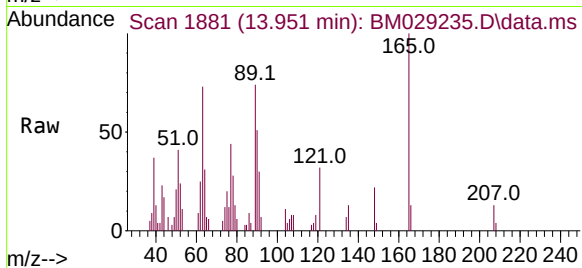




#51  
2,6-Dinitrotoluene  
Concen: 3.37 ng  
RT: 13.951 min Scan# 1881  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

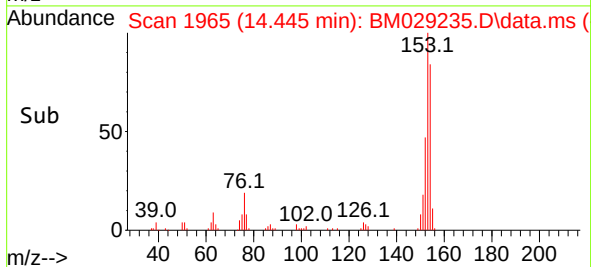
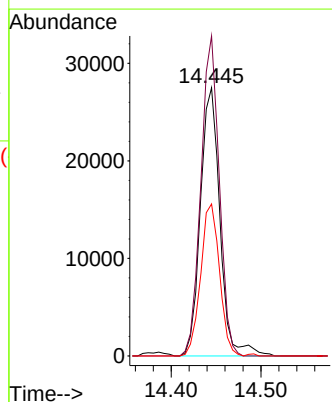
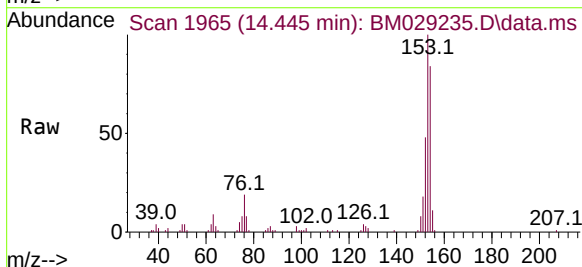
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

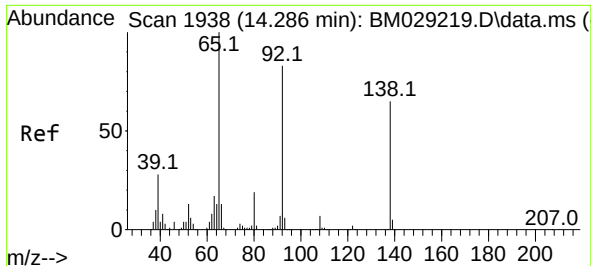
Tgt Ion:165 Resp: 8448  
Ion Ratio Lower Upper  
165 100  
63 72.6 51.4 77.2  
89 73.9 51.4 77.2



#52  
Acenaphthene  
Concen: 4.33 ng  
RT: 14.445 min Scan# 1965  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:154 Resp: 41603  
Ion Ratio Lower Upper  
154 100  
153 119.4 90.5 135.7  
152 56.7 43.4 65.2

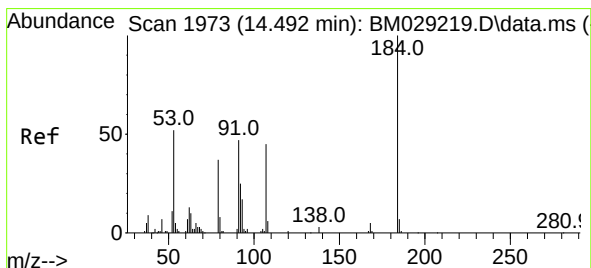
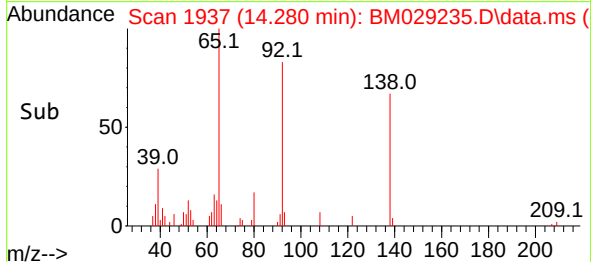
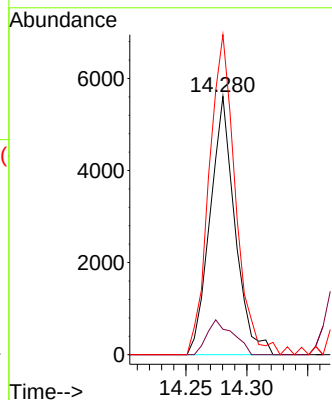
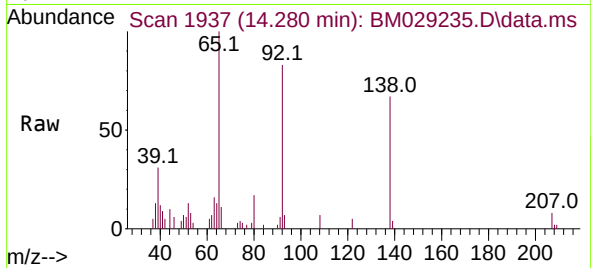




#53  
3-Nitroaniline  
Concen: 3.14 ng  
RT: 14.280 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

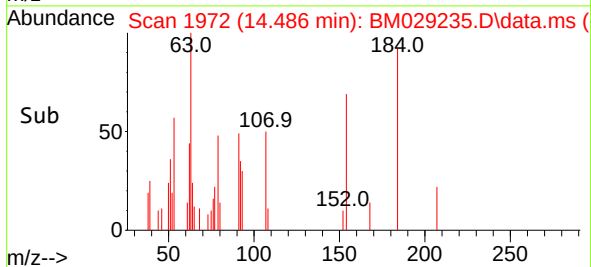
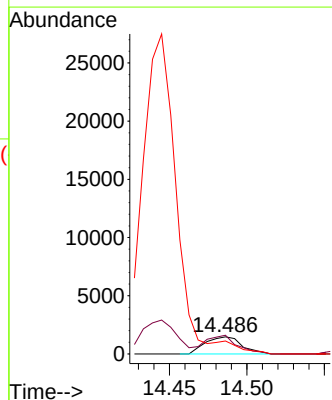
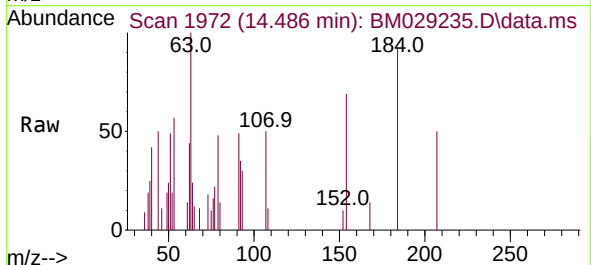
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

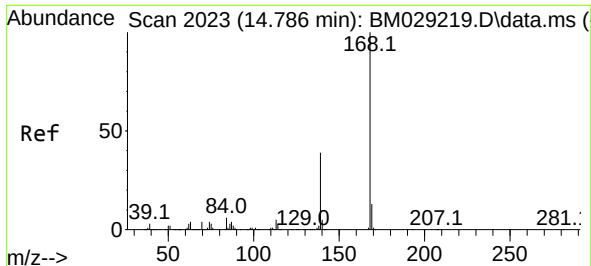
Tgt Ion:138 Resp: 7975  
Ion Ratio Lower Upper  
138 100  
108 9.8 9.0 13.4  
92 123.9 101.4 152.0



#54  
2,4-Dinitrophenol  
Concen: 1.92 ng  
RT: 14.486 min Scan# 1972  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:184 Resp: 2403  
Ion Ratio Lower Upper  
184 100  
63 108.5 61.9 92.9#  
154 75.3 52.3 78.5

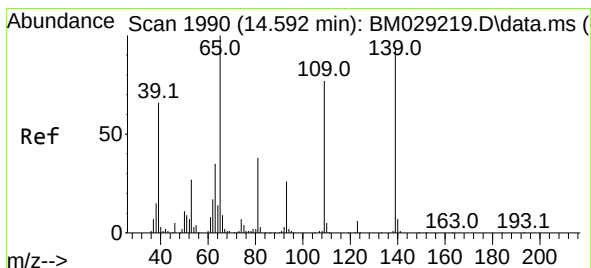
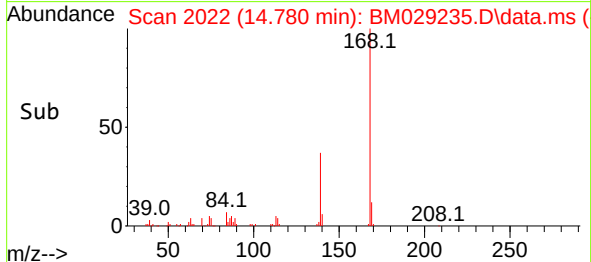
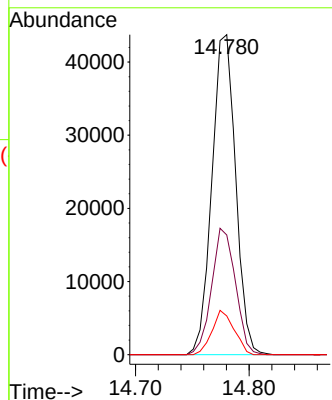
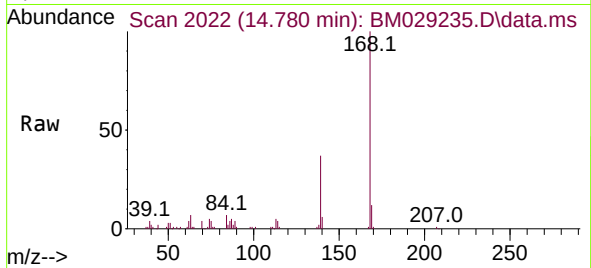




#55  
Dibenzenofuran  
Concen: 4.21 ng  
RT: 14.780 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

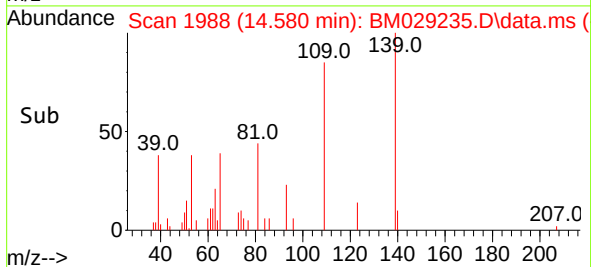
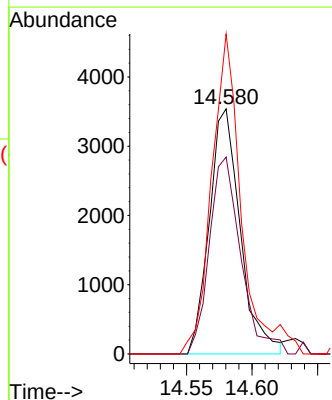
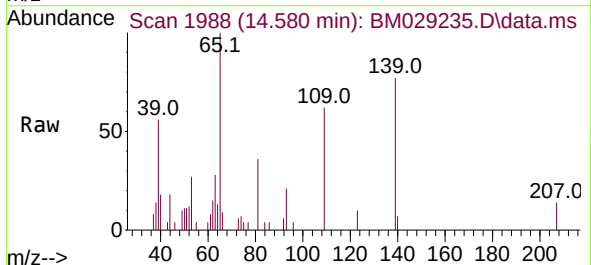
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

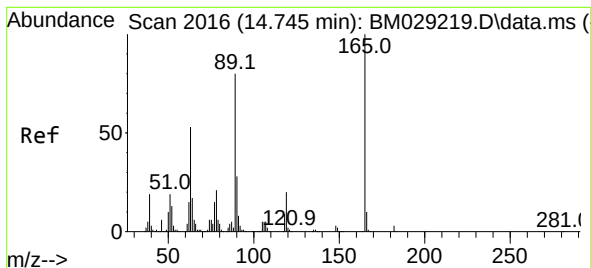
Tgt Ion:168 Resp: 63523  
Ion Ratio Lower Upper  
168 100  
139 37.4 30.6 46.0  
169 12.1 10.2 15.4



#56  
4-Nitrophenol  
Concen: 2.51 ng  
RT: 14.580 min Scan# 1988  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:139 Resp: 5820  
Ion Ratio Lower Upper  
139 100  
109 80.4 69.5 109.5  
65 130.6 98.1 138.1

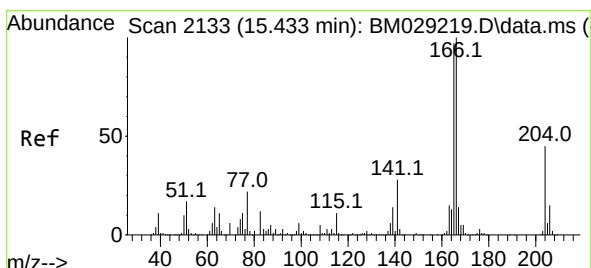
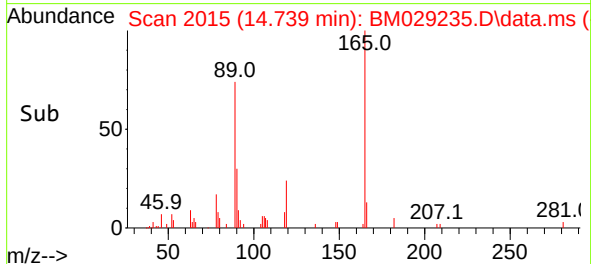
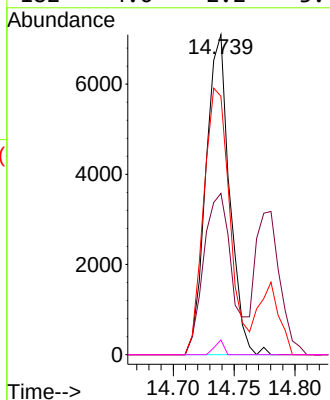
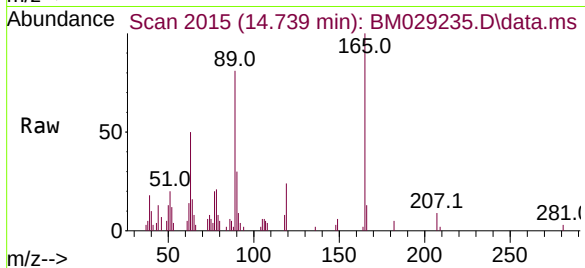




#57  
2,4-Dinitrotoluene  
Concen: 2.91 ng  
RT: 14.739 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

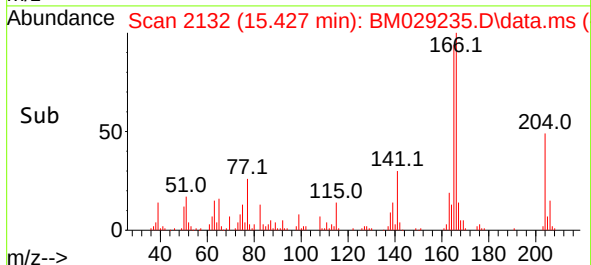
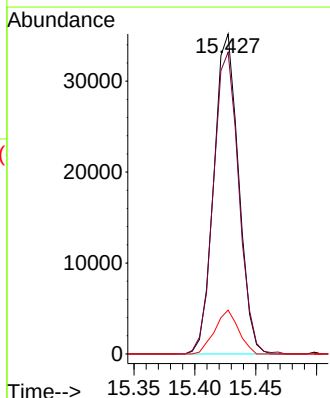
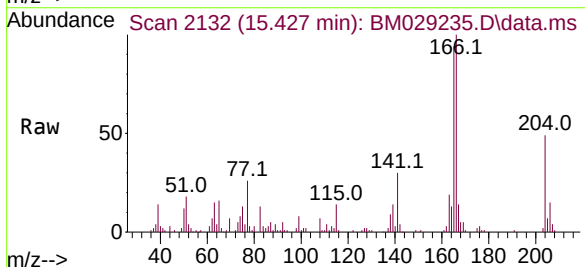
Instrument :  
BNA\_M  
ClientSampleId :  
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|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 165   | Resp: | 9594 |
| Ion Ratio | Lower | Upper |      |
| 165       | 100   |       |      |
| 63        | 50.4  | 42.2  | 63.4 |
| 89        | 80.7  | 65.6  | 98.4 |
| 182       | 4.6   | 2.2   | 3.4  |

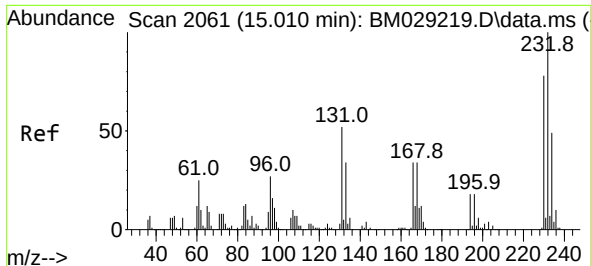


#58  
Fluorene  
Concen: 4.06 ng  
RT: 15.427 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 49651 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 94.3  | 79.6  | 119.4 |
| 167       | 13.7  | 11.0  | 16.6  |



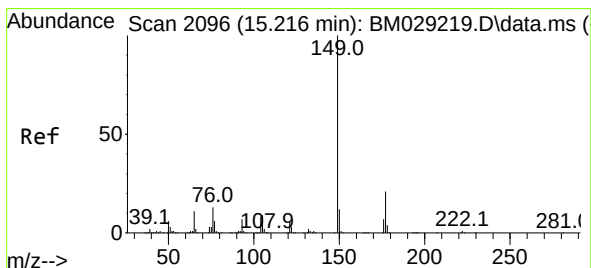
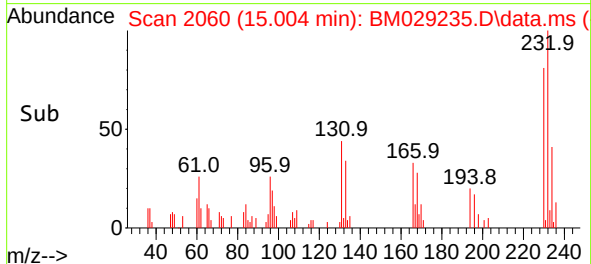
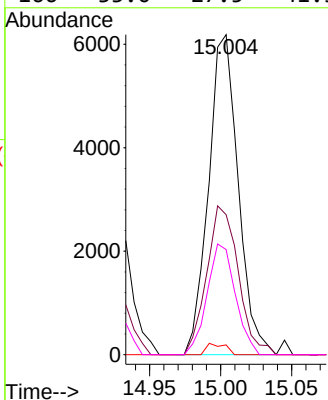
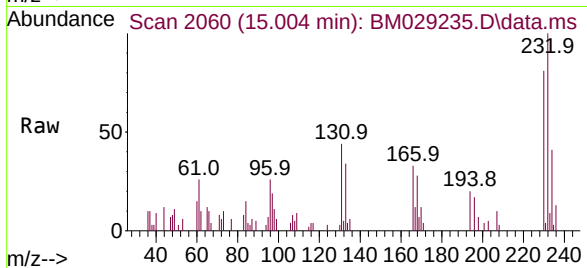




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.26 ng  
RT: 15.004 min Scan# 2060  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

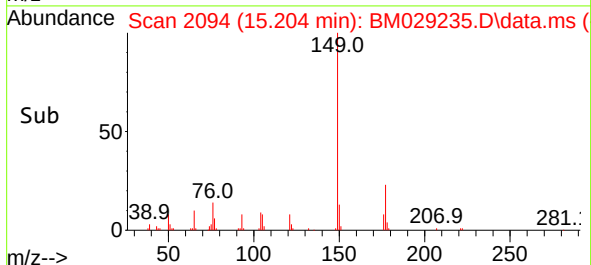
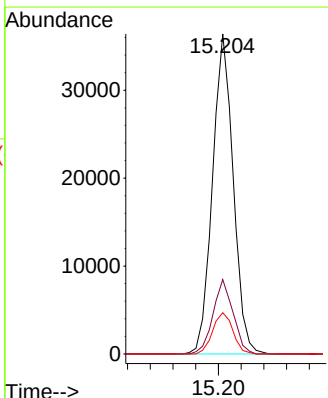
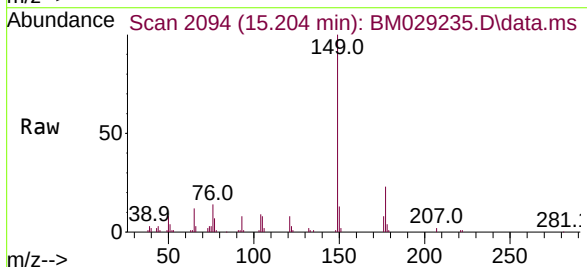
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

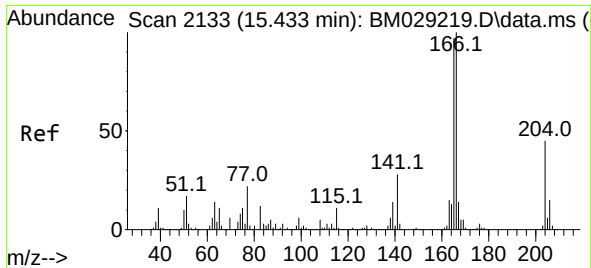
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 8977      |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 49.6  | 41.1 61.7 |
| 130         | 2.2   | 2.6 3.8#  |
| 166         | 33.0  | 27.5 41.3 |



#60  
Diethylphthalate  
Concen: 4.04 ng  
RT: 15.204 min Scan# 2094  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 46108     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.3  | 17.3 25.9 |
| 150         | 12.9  | 9.8 14.6  |

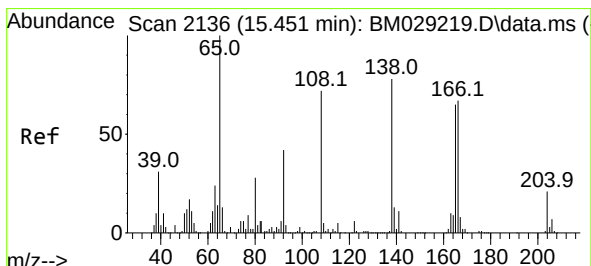
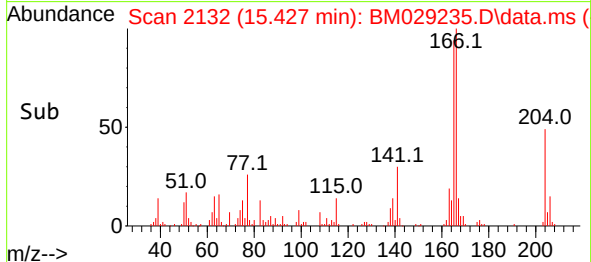
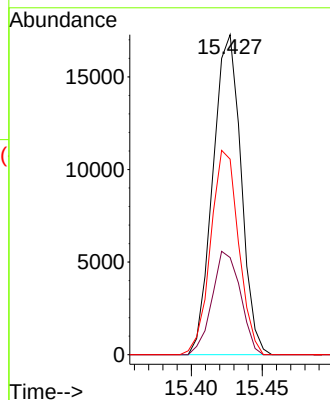
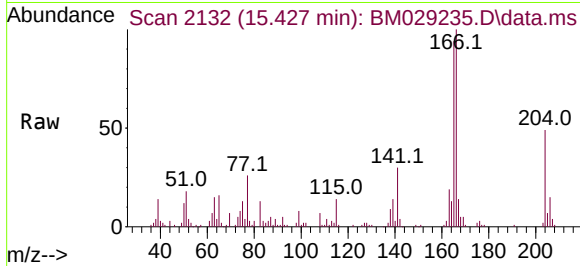




#61  
4-Chlorophenyl-phenylether  
Concen: 4.21 ng  
RT: 15.427 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

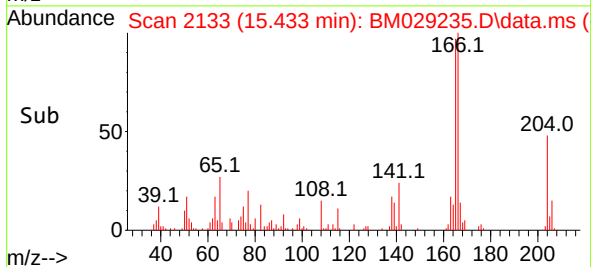
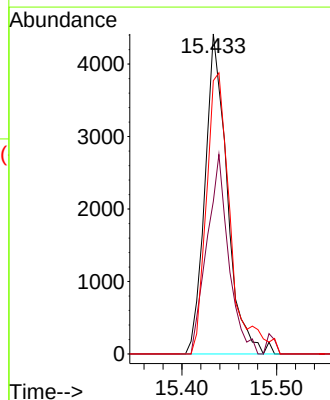
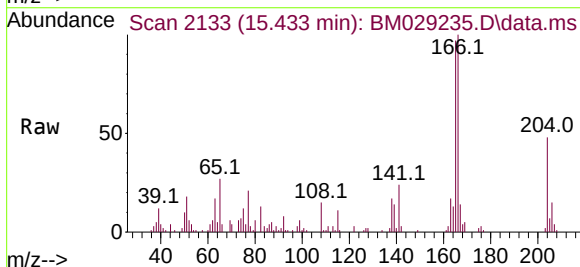
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

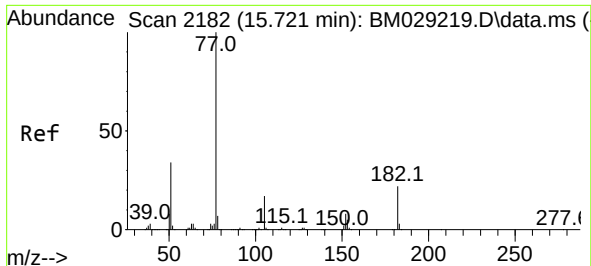
Tgt Ion:204 Resp: 23797  
Ion Ratio Lower Upper  
204 100  
206 30.4 26.7 40.1  
141 61.1 48.4 72.6



#62  
4-Nitroaniline  
Concen: 2.69 ng  
RT: 15.433 min Scan# 2133  
Delta R.T. -0.018 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:138 Resp: 7195  
Ion Ratio Lower Upper  
138 100  
92 47.6 38.2 78.2  
108 85.4 71.7 111.7

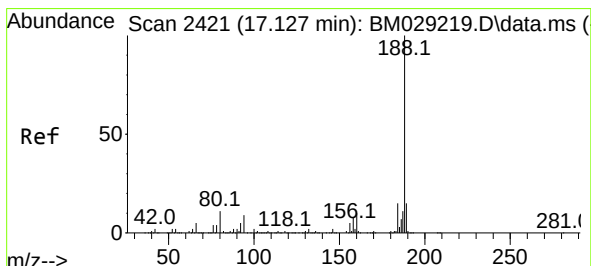
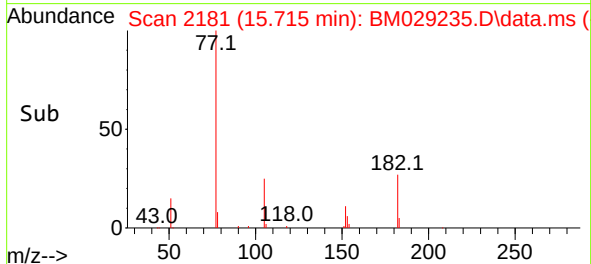
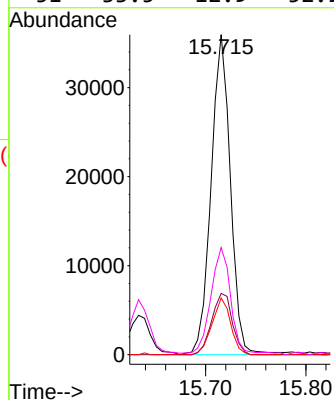
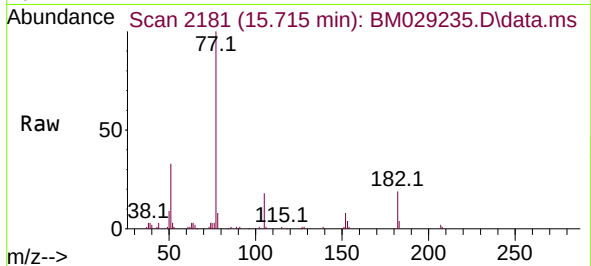




#63  
Azobenzene  
Concen: 3.69 ng  
RT: 15.715 min Scan# 2181  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

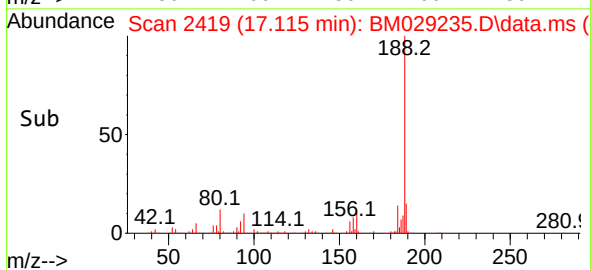
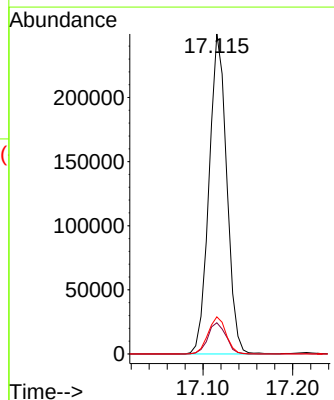
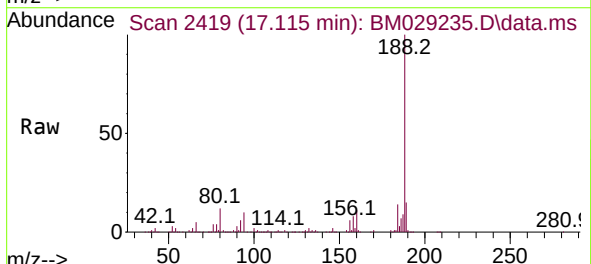
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

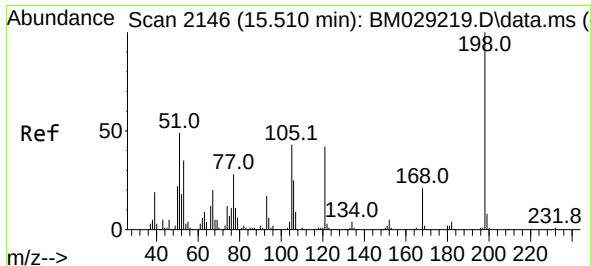
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 48208 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 19.2    | 2.3 42.3    |
| 105 17.7    | 0.0 36.4    |
| 51 33.5     | 12.9 52.9   |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.115 min Scan# 2419  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 341460 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 9.7       | 8.1 12.1     |
| 80 11.6      | 9.2 13.8     |

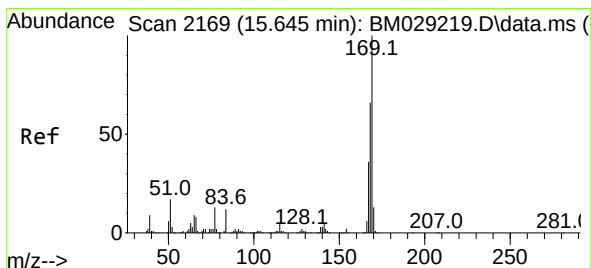
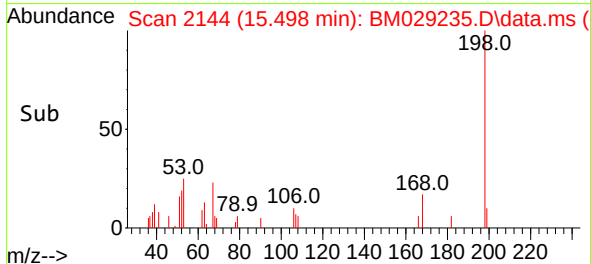
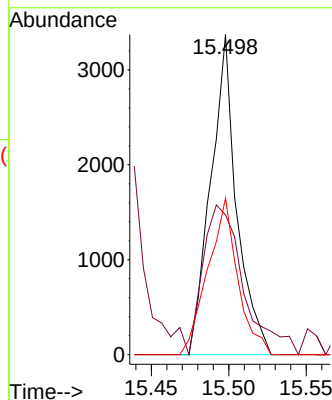
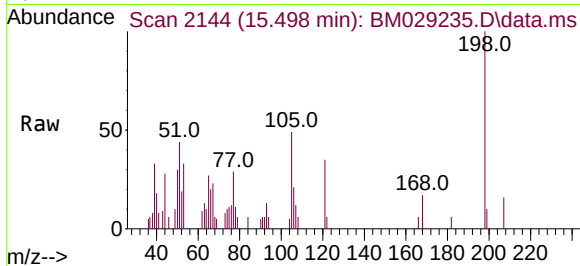




#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.06 ng  
RT: 15.498 min Scan# 2144  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

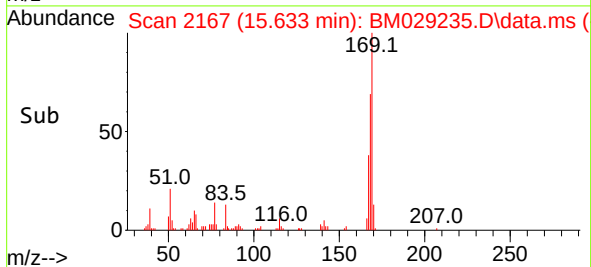
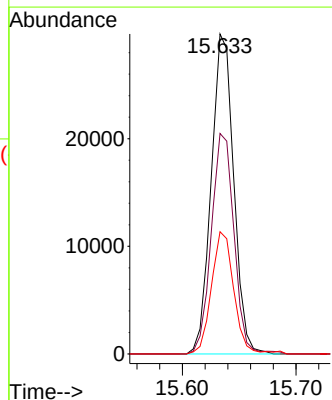
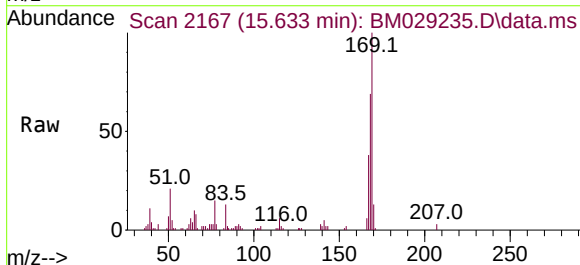
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

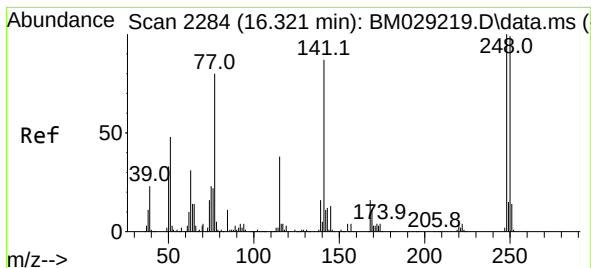
Tgt Ion:198 Resp: 3930  
Ion Ratio Lower Upper  
198 100  
51 43.7 35.1 75.1  
105 48.9 29.4 69.4



#66  
n-Nitrosodiphenylamine  
Concen: 3.74 ng  
RT: 15.633 min Scan# 2167  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:169 Resp: 40888  
Ion Ratio Lower Upper  
169 100  
168 68.9 54.6 81.8  
167 38.2 29.4 44.0

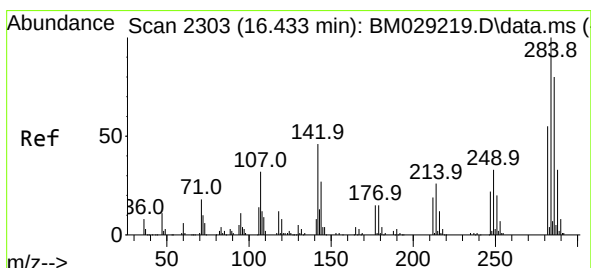
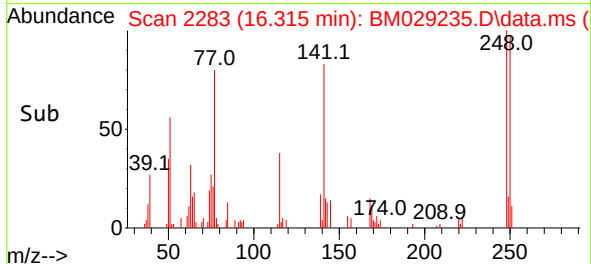
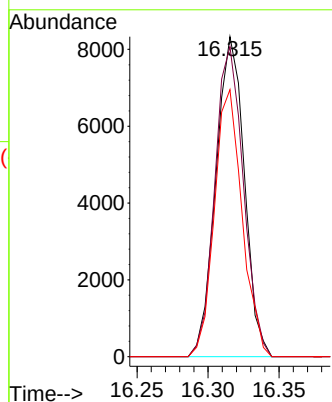
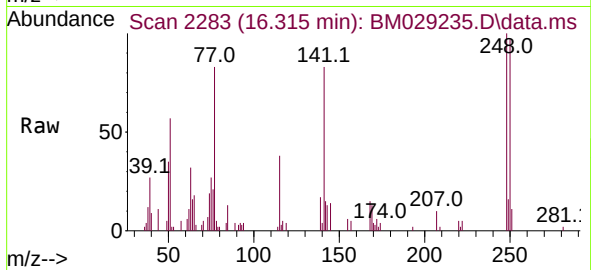




#67  
4-Bromophenyl-phenylether  
Concen: 3.70 ng  
RT: 16.315 min Scan# 2283  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

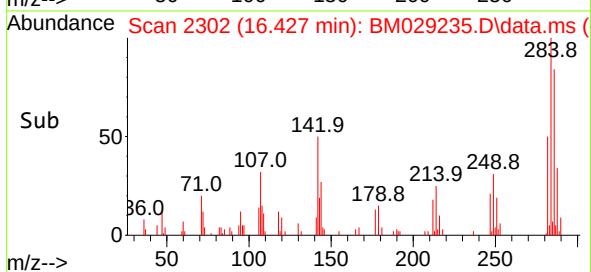
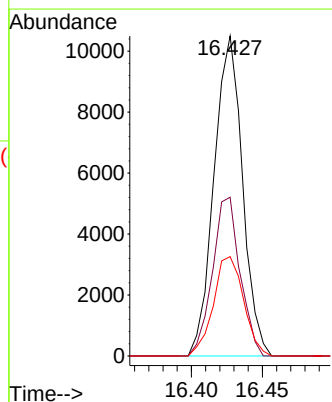
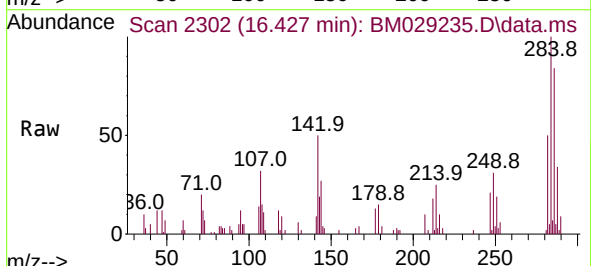
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

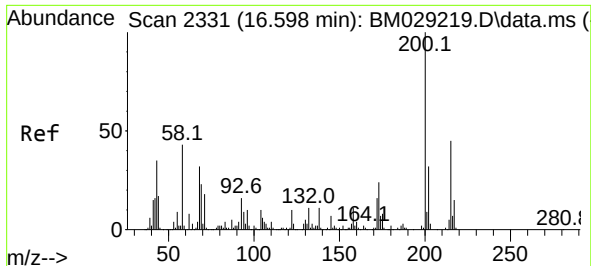
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:248 | Resp: | 11590      |
| Ion Ratio   | Lower | Upper      |
| 248         | 100   |            |
| 250         | 96.9  | 78.4 117.6 |
| 141         | 83.4  | 67.1 100.7 |



#68  
Hexachlorobenzene  
Concen: 3.97 ng  
RT: 16.427 min Scan# 2302  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:284 | Resp: | 14618     |
| Ion Ratio   | Lower | Upper     |
| 284         | 100   |           |
| 142         | 49.6  | 33.4 50.2 |
| 249         | 31.0  | 25.9 38.9 |

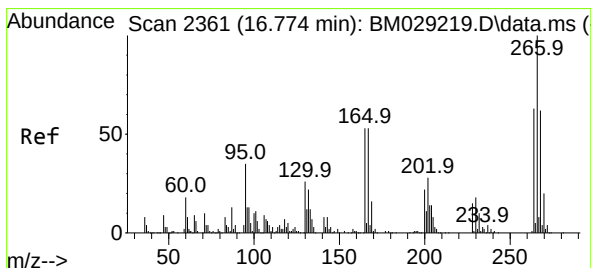
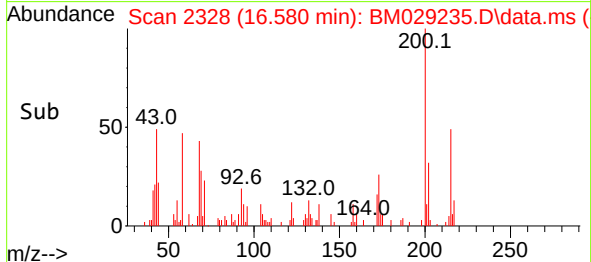
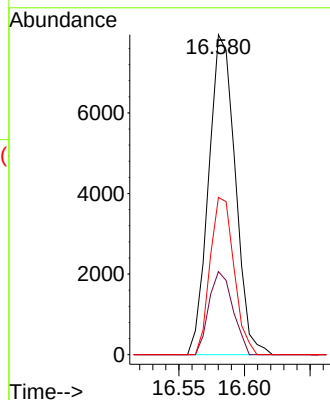
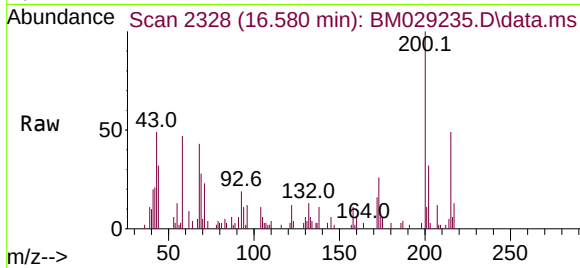




#69  
 Atrazine  
 Concen: 3.25 ng  
 RT: 16.580 min Scan# 2328  
 Delta R.T. -0.018 min  
 Lab File: BM029235.D  
 Acq: 26 Mar 2021 15:44

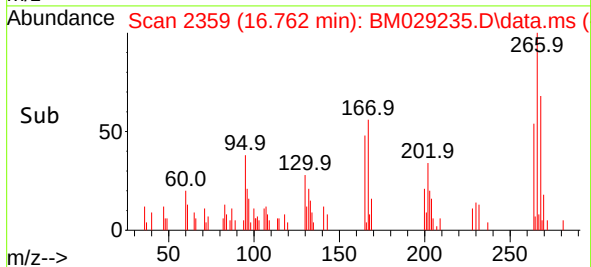
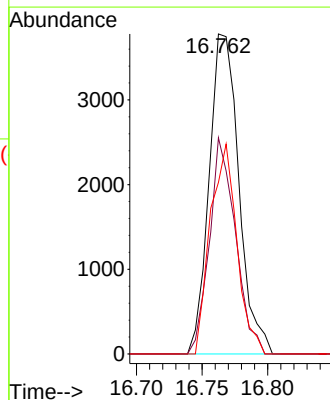
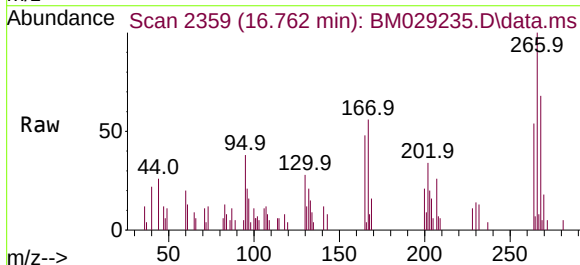
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2021

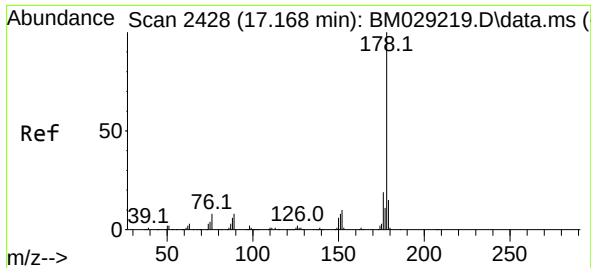
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 11201 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 25.9  | 6.1   | 46.1  |
| 215       | 49.1  | 23.8  | 63.8  |



#70  
 Pentachlorophenol  
 Concen: 2.62 ng  
 RT: 16.762 min Scan# 2359  
 Delta R.T. -0.012 min  
 Lab File: BM029235.D  
 Acq: 26 Mar 2021 15:44

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 5952 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 268       | 72.2  | 52.2  | 78.2 |
| 264       | 60.6  | 50.9  | 76.3 |

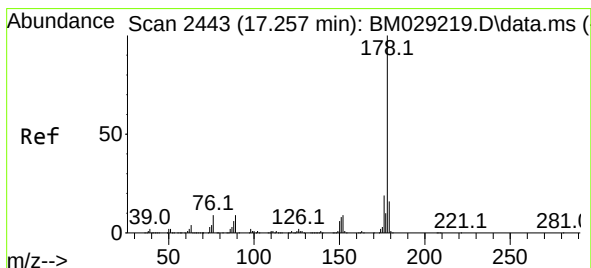
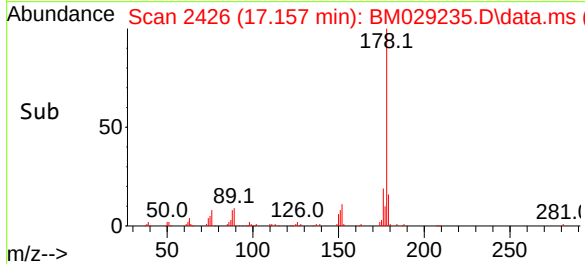
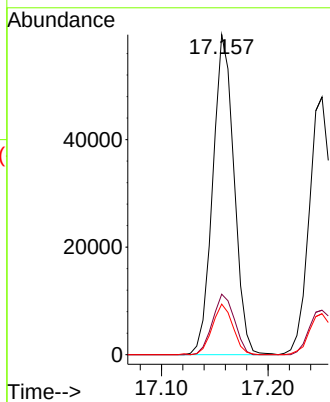
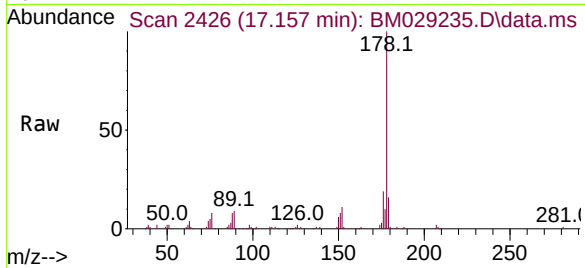




#71  
Phenanthrene  
Concen: 4.17 ng  
RT: 17.157 min Scan# 2426  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

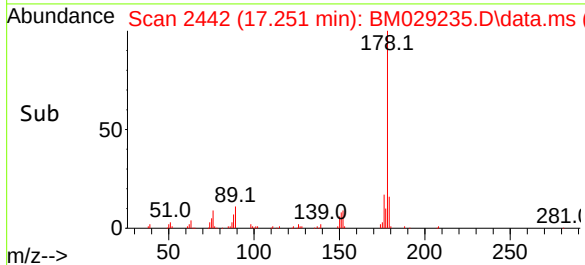
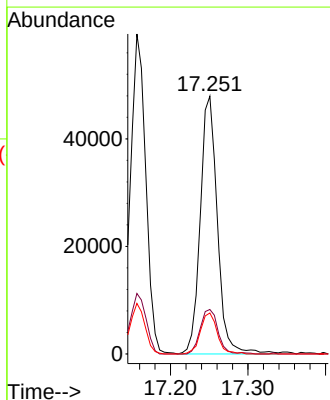
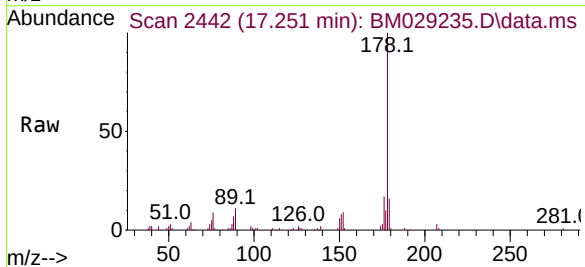
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

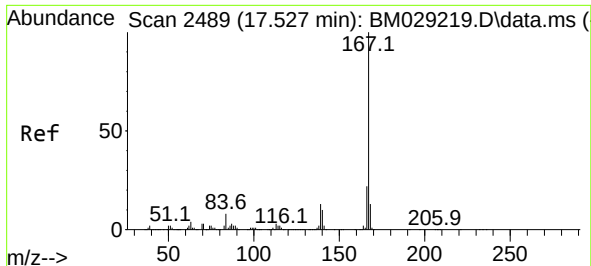
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 82642     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.9  | 15.7 23.5 |
| 179         | 15.8  | 11.9 17.9 |



#72  
Anthracene  
Concen: 3.83 ng  
RT: 17.251 min Scan# 2442  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 73637     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 17.3  | 14.9 22.3 |
| 179         | 15.9  | 12.1 18.1 |

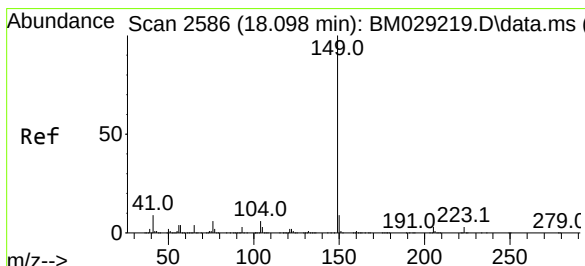
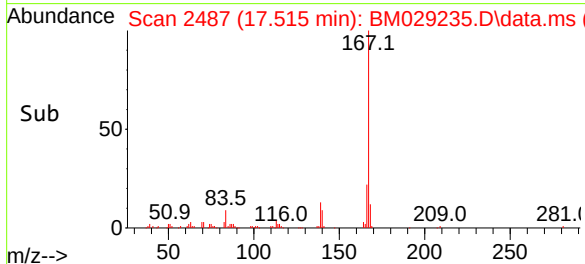
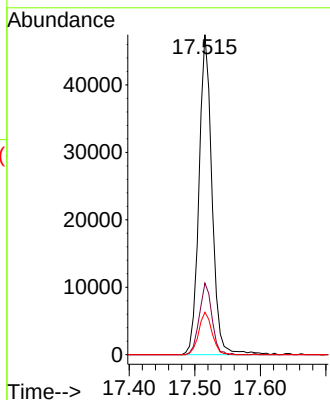
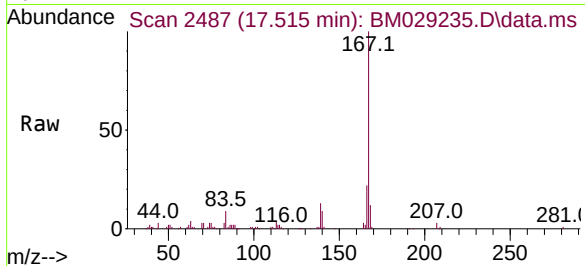




#73  
 Carbazole  
 Concen: 3.46 ng  
 RT: 17.515 min Scan# 2487  
 Delta R.T. -0.012 min  
 Lab File: BM029235.D  
 Acq: 26 Mar 2021 15:44

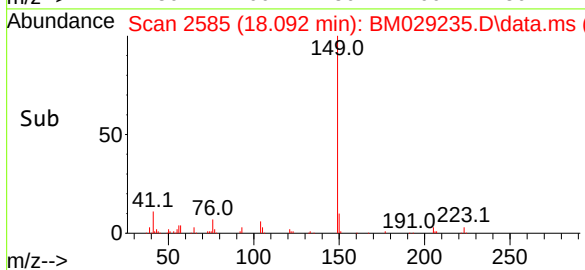
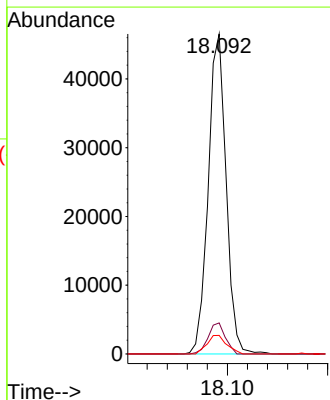
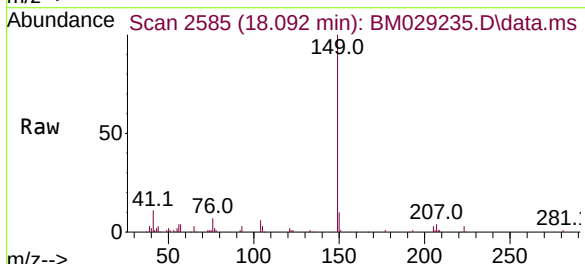
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2021

Tgt Ion:167 Resp: 65489  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.5 26.3  
 139 13.2 10.6 15.8

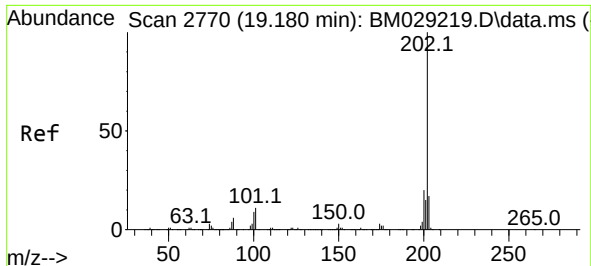


#74  
 Di-n-butylphthalate  
 Concen: 3.16 ng  
 RT: 18.092 min Scan# 2585  
 Delta R.T. -0.006 min  
 Lab File: BM029235.D  
 Acq: 26 Mar 2021 15:44

Tgt Ion:149 Resp: 57678  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.3 10.9  
 104 5.8 4.6 6.8



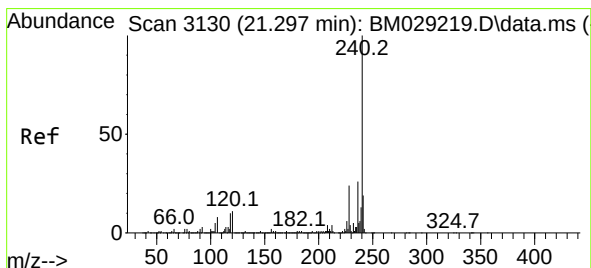
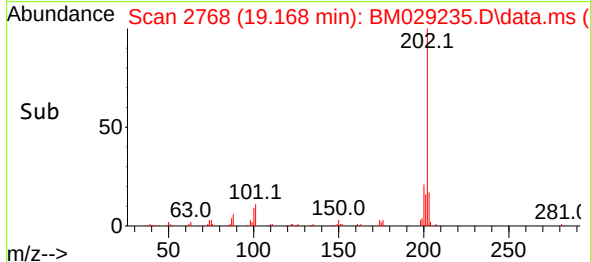
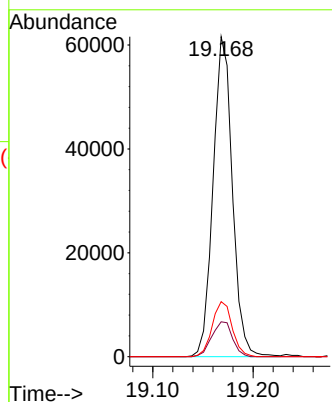
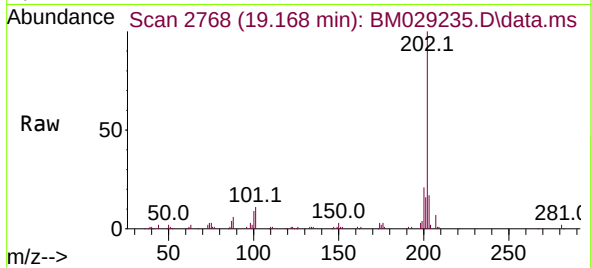




#75  
Fluoranthene  
Concen: 3.76 ng  
RT: 19.168 min Scan# 2768  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

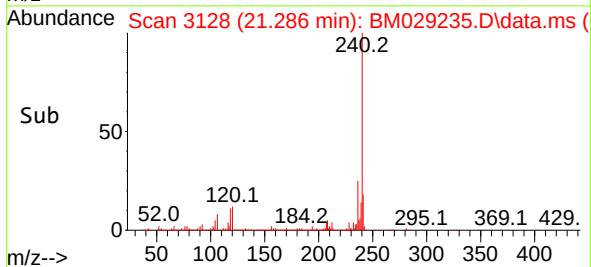
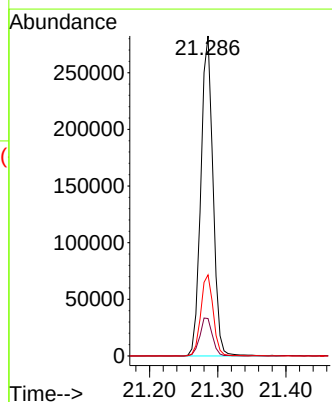
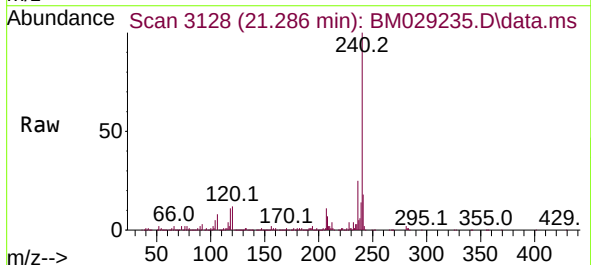
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

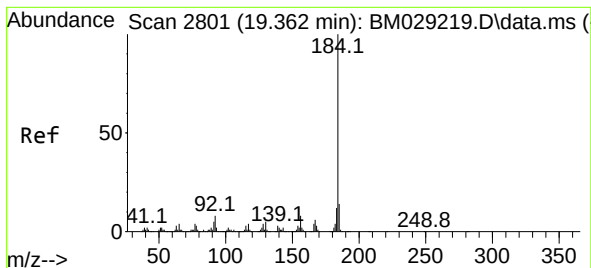
Tgt Ion:202 Resp: 82295  
Ion Ratio Lower Upper  
202 100  
101 10.9 0.0 31.5  
203 17.2 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.286 min Scan# 3128  
Delta R.T. -0.011 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:240 Resp: 349384  
Ion Ratio Lower Upper  
240 100  
120 11.7 9.0 13.6  
236 25.4 20.3 30.5





#77

Benzidine

Concen: 2.15 ng

RT: 19.356 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM029235.D

Acq: 26 Mar 2021 15:44

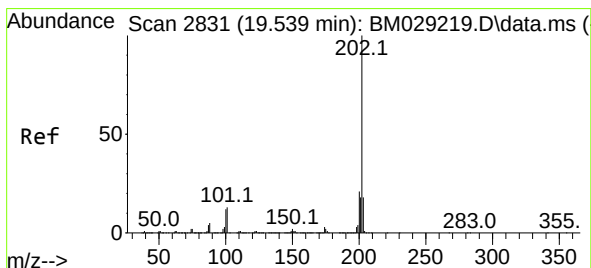
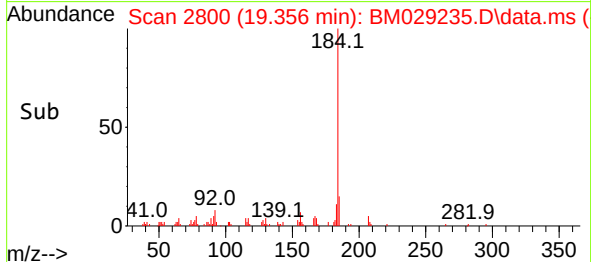
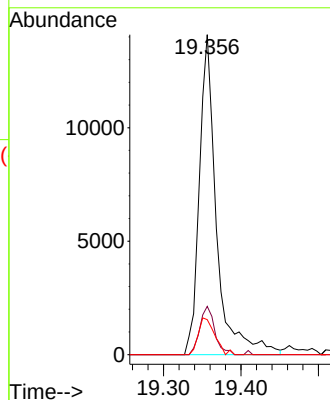
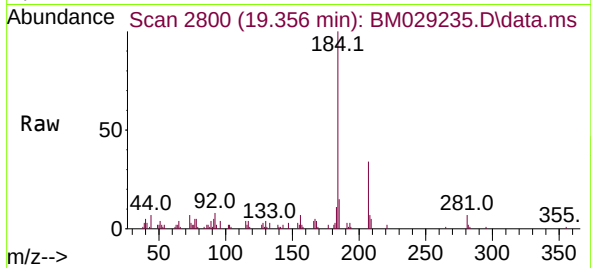
Tgt Ion:184 Resp: 21693

Ion Ratio Lower Upper

184 100

185 15.1 11.3 16.9

183 11.0 9.8 14.6



#78

Pyrene

Concen: 3.77 ng

RT: 19.533 min Scan# 2830

Delta R.T. -0.006 min

Lab File: BM029235.D

Acq: 26 Mar 2021 15:44

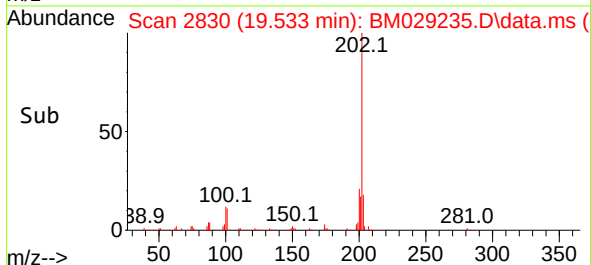
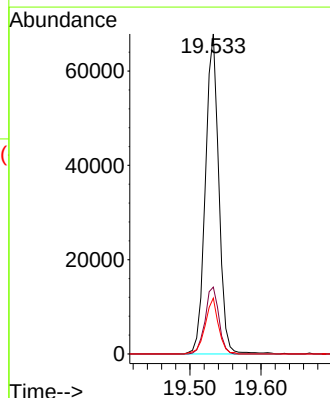
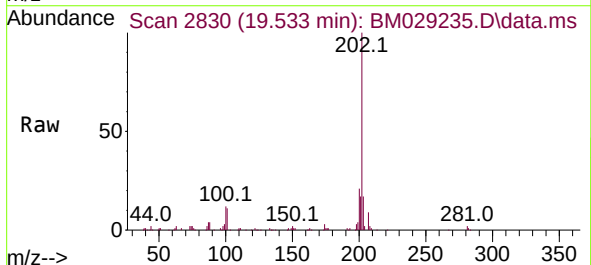
Tgt Ion:202 Resp: 89150

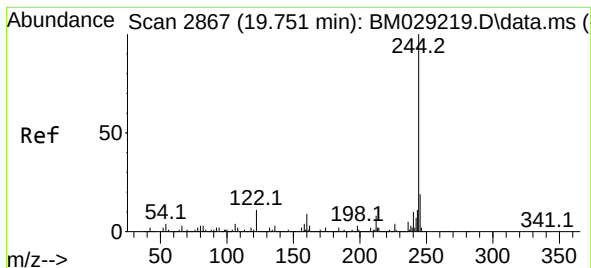
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 59.81 ng

RT: 19.739 min Scan# 2865

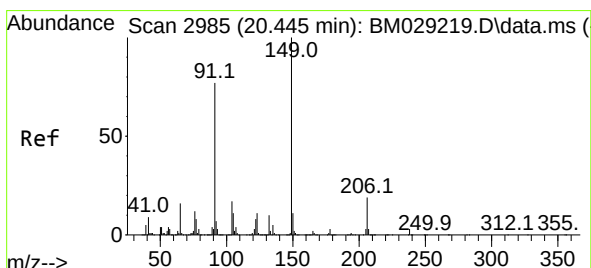
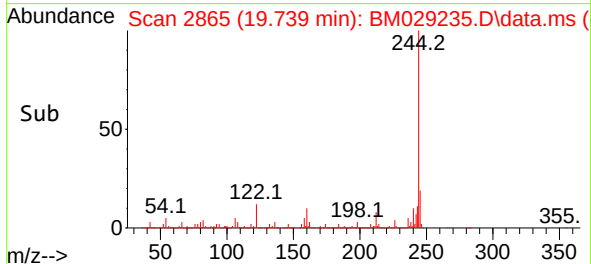
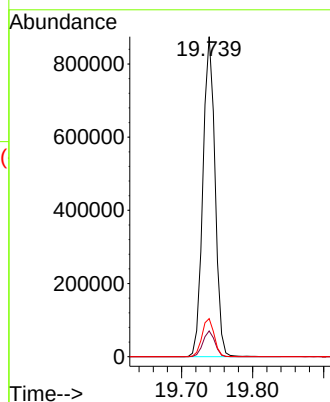
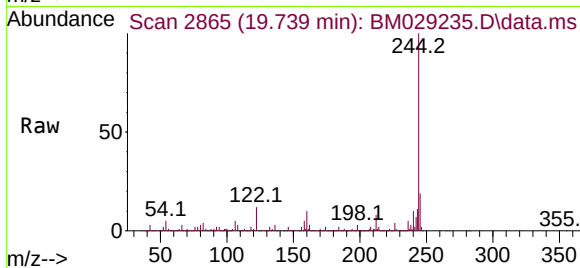
Delta R.T. -0.012 min

Lab File: BM029235.D

Acq: 26 Mar 2021 15:44

Tgt Ion:244 Resp: 1040266

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.0   | 6.5   | 9.7   |
| 122 | 11.9  | 9.2   | 13.8  |



#80

Butylbenzylphthalate

Concen: 2.73 ng

RT: 20.433 min Scan# 2983

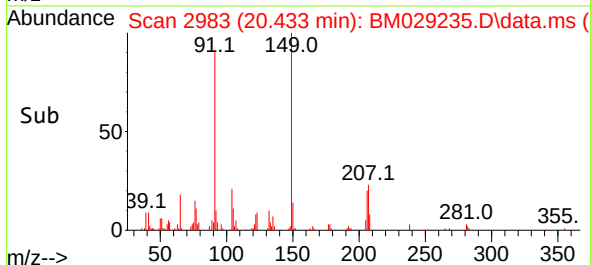
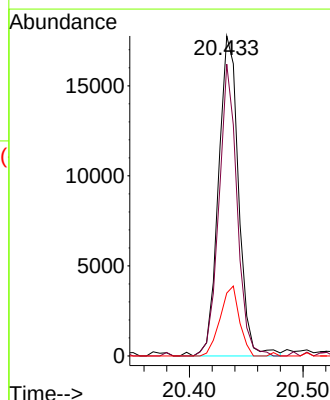
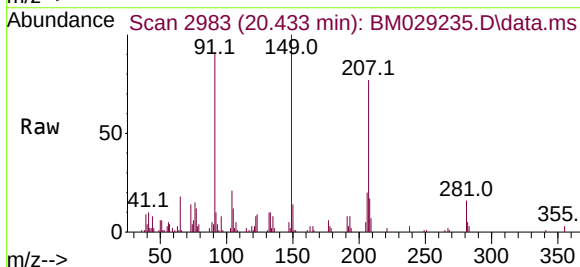
Delta R.T. -0.012 min

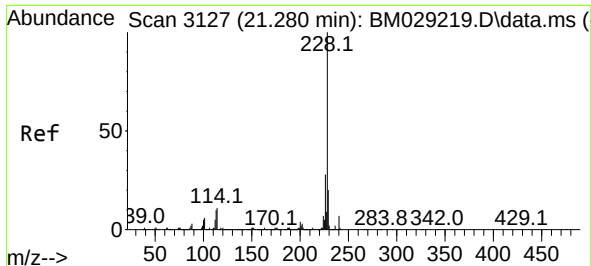
Lab File: BM029235.D

Acq: 26 Mar 2021 15:44

Tgt Ion:149 Resp: 21856

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 91.2  | 60.5  | 90.7# |
| 206 | 19.7  | 15.7  | 23.5  |

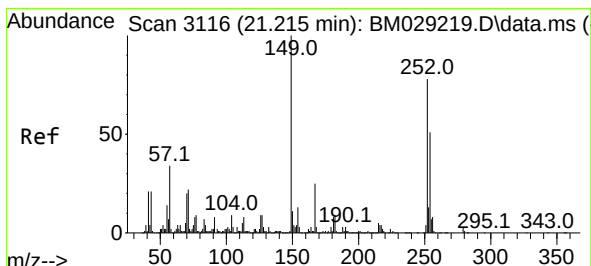
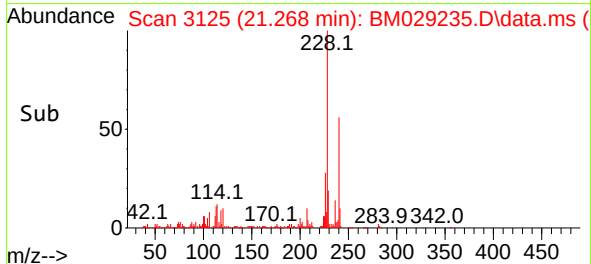
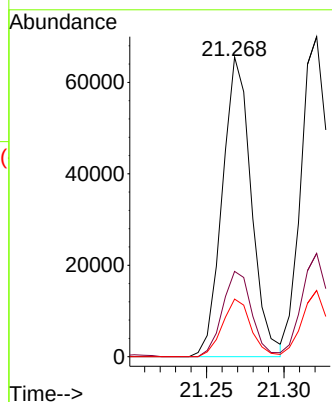
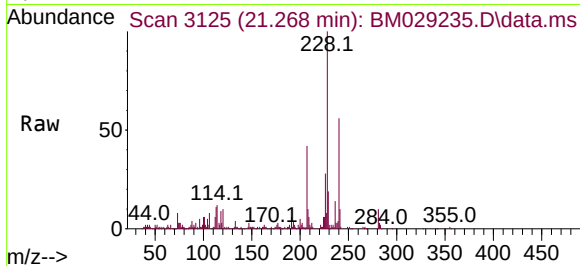




#81  
Benzo(a)anthracene  
Concen: 3.74 ng  
RT: 21.268 min Scan# 3125  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

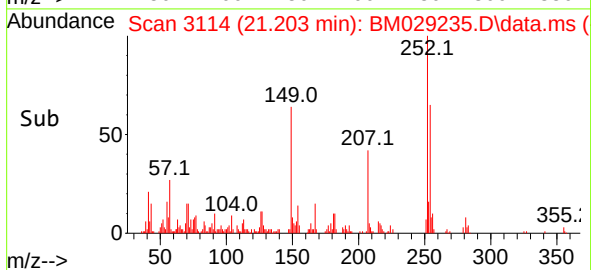
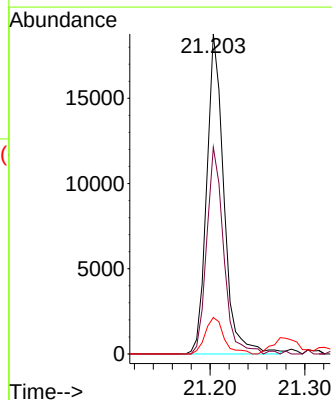
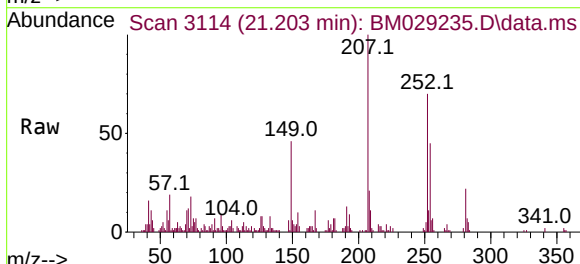
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

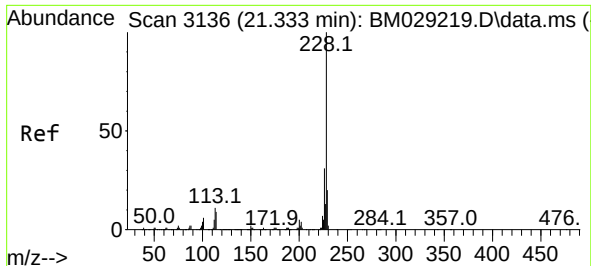
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 85334 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 28.5  | 21.9  | 32.9  |
| 229       | 19.2  | 15.7  | 23.5  |



#82  
3,3'-Dichlorobenzidine  
Concen: 3.47 ng  
RT: 21.203 min Scan# 3114  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 23624 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 64.6  | 52.6  | 78.8  |
| 126       | 11.4  | 10.8  | 16.2  |

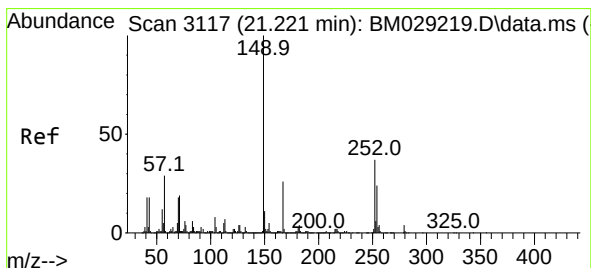
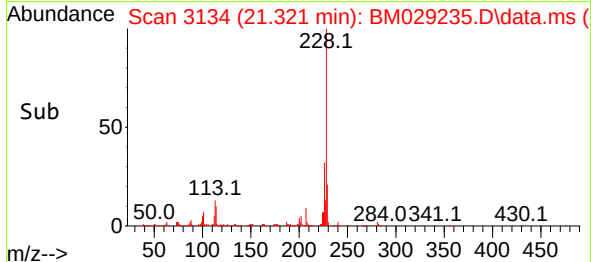
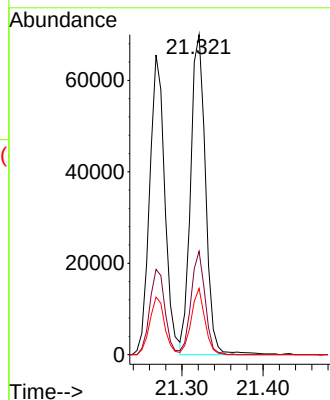
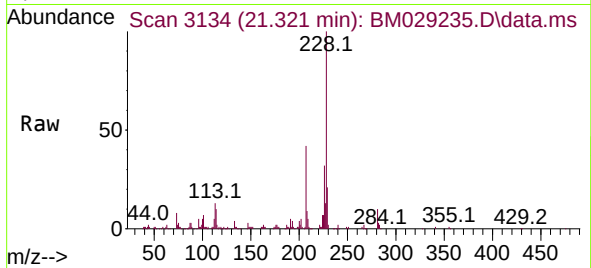




#83  
Chrysene  
Concen: 3.91 ng  
RT: 21.321 min Scan# 3134  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

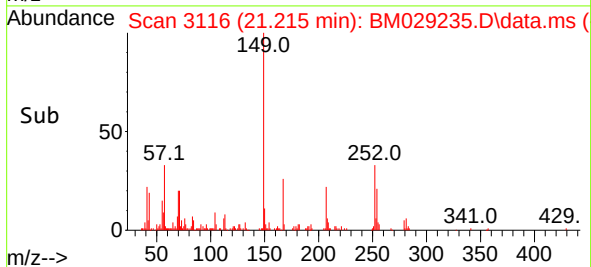
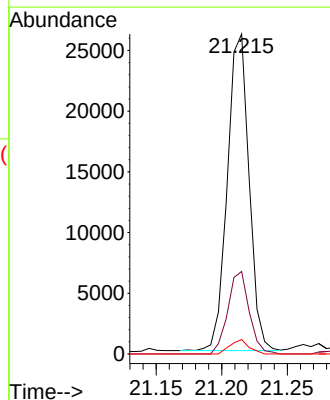
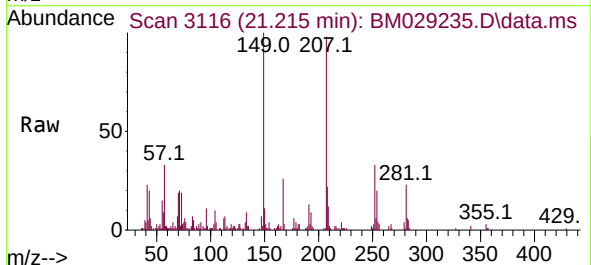
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

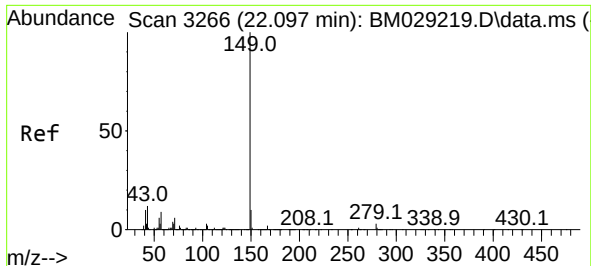
Tgt Ion:228 Resp: 89270  
Ion Ratio Lower Upper  
228 100  
226 32.3 24.7 37.1  
229 20.7 15.8 23.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.61 ng  
RT: 21.215 min Scan# 3116  
Delta R.T. -0.006 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:149 Resp: 30011  
Ion Ratio Lower Upper  
149 100  
167 25.8 20.6 31.0  
279 4.5 3.3 4.9

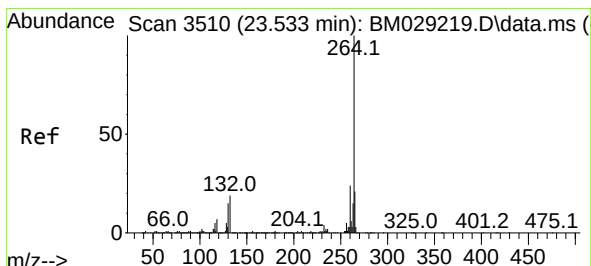
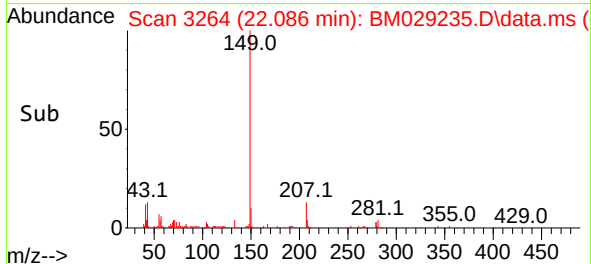
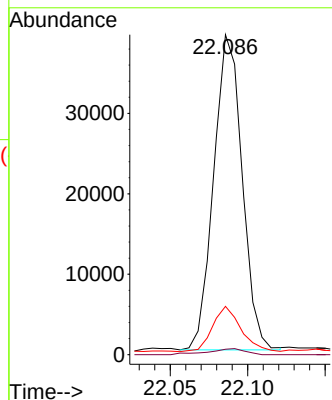
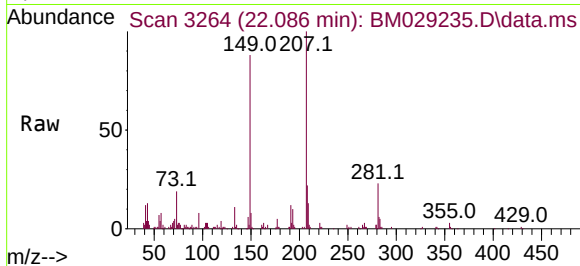




#85  
Di-n-octyl phthalate  
Concen: 2.69 ng  
RT: 22.086 min Scan# 3264  
Delta R.T. -0.011 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

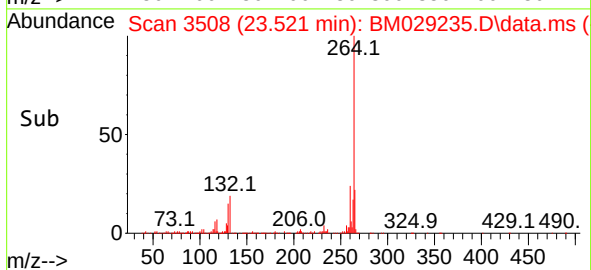
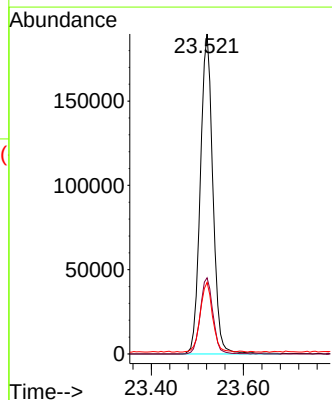
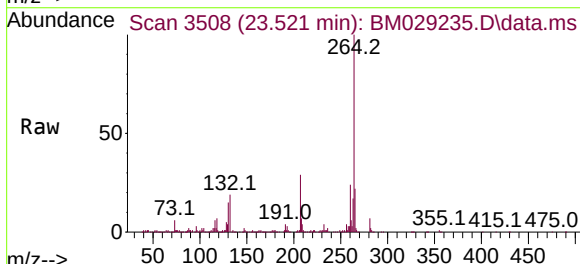
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

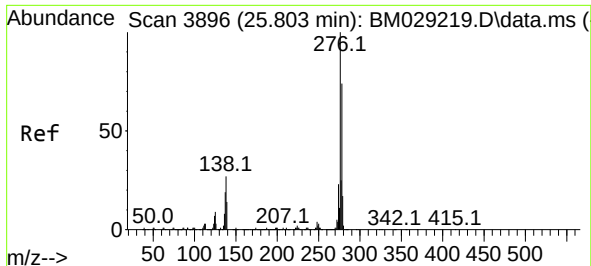
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:149 | Resp: | 50044    |
| Ion Ratio   | Lower | Upper    |
| 149         | 100   |          |
| 167         | 2.4   | 1.3 1.9# |
| 43          | 14.2  | 9.8 14.6 |



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.521 min Scan# 3508  
Delta R.T. -0.012 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 359271    |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 23.8  | 19.6 29.4 |
| 265         | 22.3  | 17.8 26.8 |

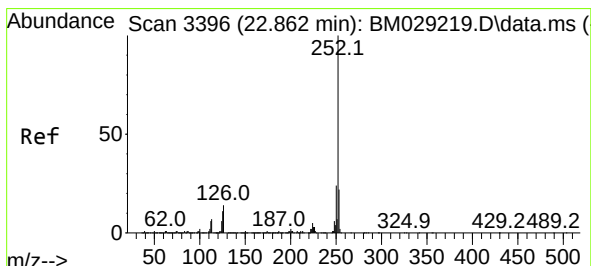
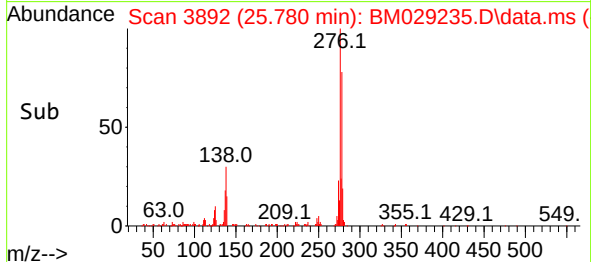
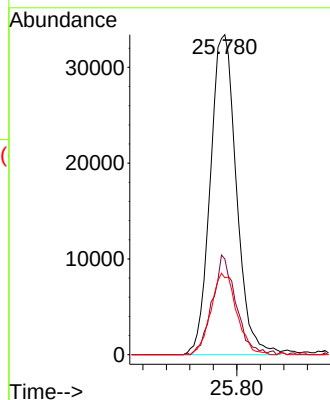
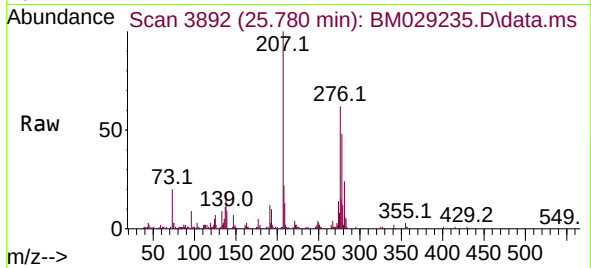




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 3.92 ng  
RT: 25.780 min Scan# 3892  
Delta R.T. -0.024 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

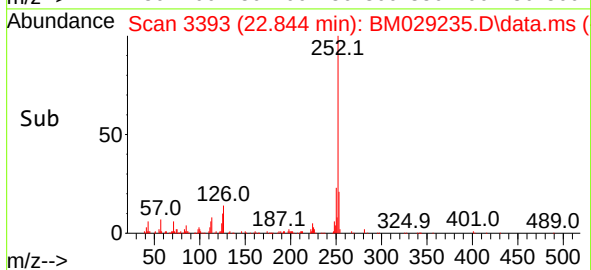
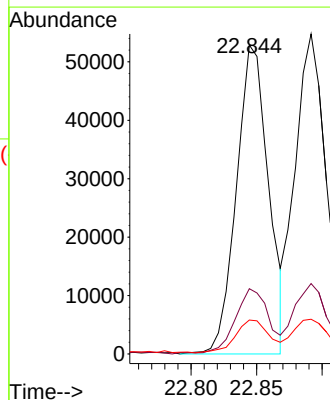
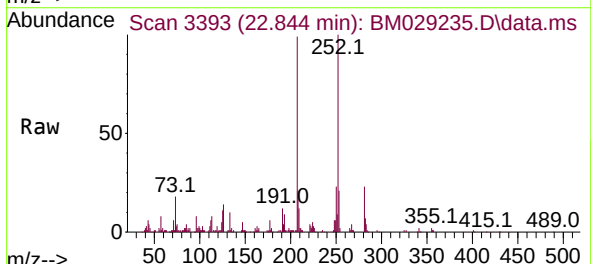
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

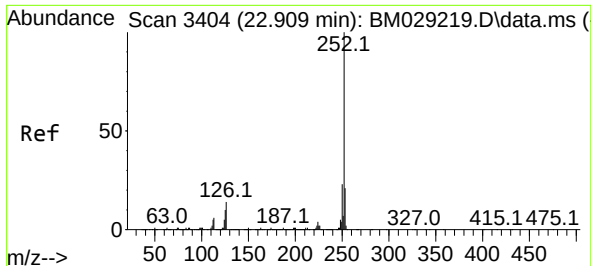
Tgt Ion:276 Resp: 102968  
Ion Ratio Lower Upper  
276 100  
138 28.5 22.6 34.0  
277 25.2 20.2 30.4



#88  
Benzo(b)fluoranthene  
Concen: 3.86 ng  
RT: 22.844 min Scan# 3393  
Delta R.T. -0.018 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:252 Resp: 90121  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.6 26.4  
125 11.0 9.0 13.4

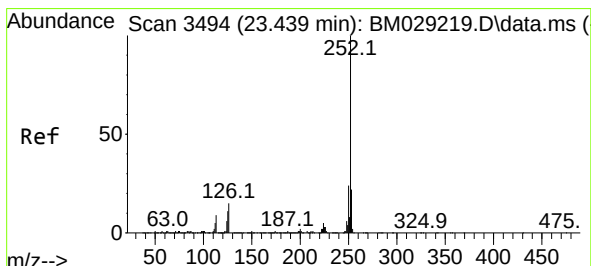
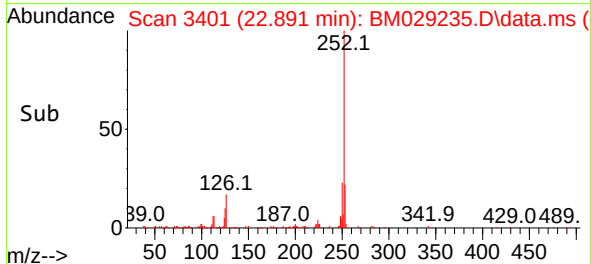
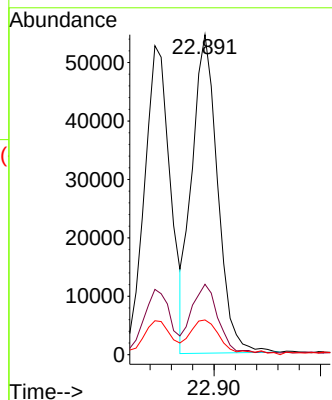
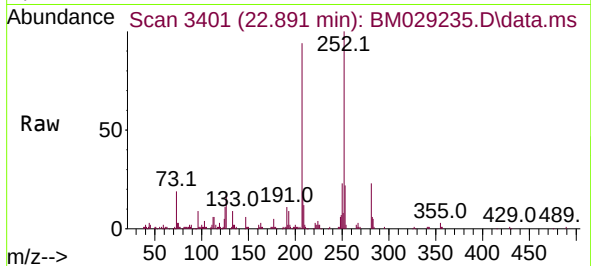




#89  
Benzo(k)fluoranthene  
Concen: 4.02 ng  
RT: 22.891 min Scan# 3401  
Delta R.T. -0.018 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

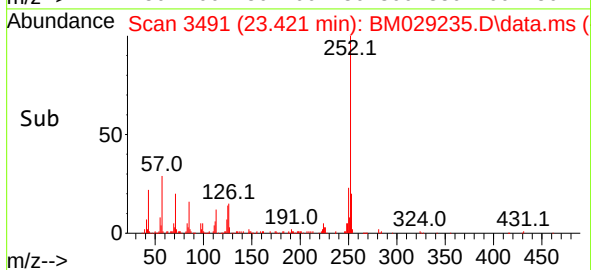
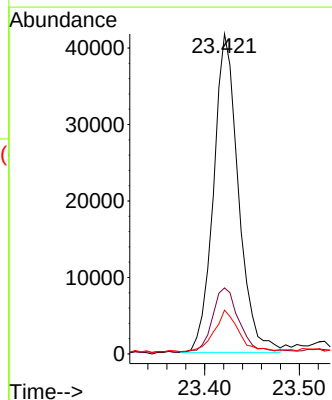
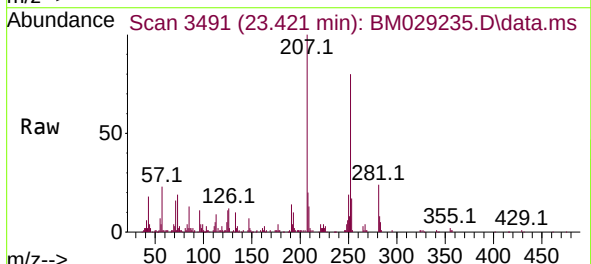
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

Tgt Ion:252 Resp: 91349  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 10.9 8.7 13.1

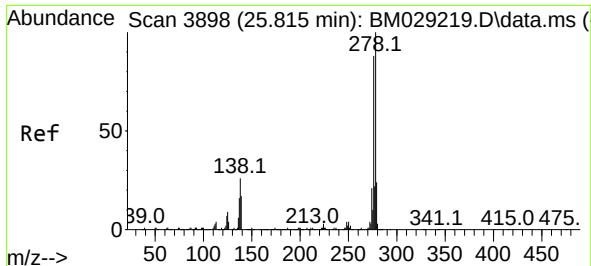


#90  
Benzo(a)pyrene  
Concen: 3.59 ng  
RT: 23.421 min Scan# 3491  
Delta R.T. -0.018 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Tgt Ion:252 Resp: 76047  
Ion Ratio Lower Upper  
252 100  
253 20.6 17.0 25.4  
125 13.7 9.5 14.3



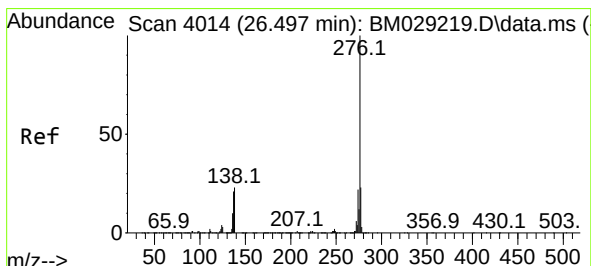
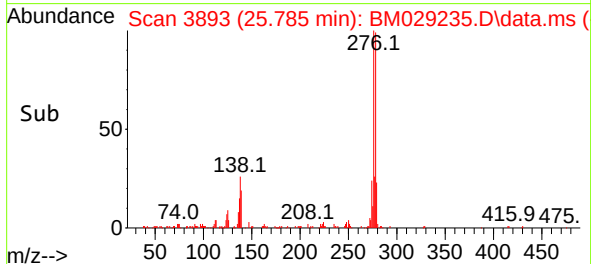
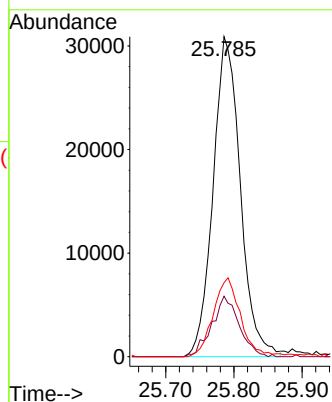
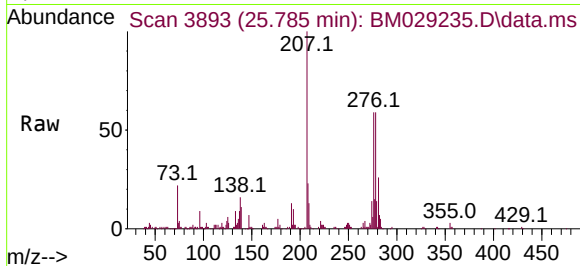




#91  
Dibenzo(a,h)anthracene  
Concen: 3.81 ng  
RT: 25.785 min Scan# 3893  
Delta R.T. -0.029 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 85783 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 18.9  | 14.8  | 22.2  |
| 279       | 23.1  | 19.3  | 28.9  |



#92  
Benzo(g,h,i)perylene  
Concen: 4.01 ng  
RT: 26.462 min Scan# 4008  
Delta R.T. -0.035 min  
Lab File: BM029235.D  
Acq: 26 Mar 2021 15:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 88469 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.6  | 18.7  | 28.1  |
| 138       | 22.3  | 19.0  | 28.4  |

