

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102020\  
 Data File : BP003680.D  
 Acq On : 20 Oct 2020 16:23  
 Operator : CG/JU  
 Sample : L4214-07  
 Misc : LOD-MDL-WATER 4PPM  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

Quant Time: Oct 20 16:54:21 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 20 12:55:54 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.528  | 152  | 127972   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.375 | 136  | 437349   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 15.122 | 164  | 294549   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.839 | 188  | 669299   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.851 | 240  | 718880   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.421 | 264  | 696000   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 6.022  | 112  | 1084640  | 141.73 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.675  | 99   | 1456194  | 134.68 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.693  | 82   | 1018304  | 98.50  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.598 | 330  | 691056   | 150.38 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.757 | 172  | 2373198  | 104.16 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.310 | 244  | 4102497  | 100.37 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.687  | 88   | 12561    | 3.84   | ng    | # 89     |
| 3) Pyridine                   | 4.128  | 79   | 33674    | 3.64   | ng    | 90       |
| 4) n-Nitrosodimethylamine     | 4.022  | 42   | 14306    | 3.63   | ng    | # 67     |
| 6) Aniline                    | 7.822  | 93   | 47117    | 3.93   | ng    | 92       |
| 8) 2-Chlorophenol             | 8.093  | 128  | 28404    | 3.73   | ng    | 83       |
| 9) Benzaldehyde               | 7.622  | 77   | 27653    | 4.85   | ng    | # 76     |
| 10) Phenol                    | 7.699  | 94   | 38368    | 3.73   | ng    | 72       |
| 11) bis(2-Chloroethyl)ether   | 7.904  | 93   | 30110    | 3.68   | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 8.422  | 146  | 33335    | 3.39   | ng    | # 88     |
| 13) 1,4-Dichlorobenzene       | 8.563  | 146  | 34527    | 3.48   | ng    | # 92     |
| 14) 1,2-Dichlorobenzene       | 8.899  | 146  | 33593    | 3.57   | ng    | 93       |
| 15) Benzyl Alcohol            | 8.752  | 79   | 28004    | 3.39   | ng    | # 87     |
| 16) 2,2'-oxybis(1-Chloropr... | 9.051  | 45   | 28122    | 3.47   | ng    | 99       |
| 17) 2-Methylphenol            | 8.969  | 107  | 24118    | 3.54   | ng    | # 88     |
| 18) Hexachloroethane          | 9.651  | 117  | 13118    | 3.43   | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 9.322  | 70   | 23302    | 3.53   | ng    | # 86     |
| 20) 3+4-Methylphenols         | 9.299  | 107  | 31190    | 3.40   | ng    | 89       |
| 22) Acetophenone              | 9.340  | 105  | 48253    | 3.77   | ng    | # 89     |
| 24) Nitrobenzene              | 9.734  | 77   | 38487    | 3.87   | ng    | # 75     |
| 25) Isophorone                | 10.257 | 82   | 61615    | 3.70   | ng    | # 86     |
| 26) 2-Nitrophenol             | 10.463 | 139  | 12138    | 3.27   | ng    | # 60     |
| 27) 2,4-Dimethylphenol        | 10.516 | 122  | 23898    | 4.09   | ng    | 87       |
| 28) bis(2-Chloroethoxy)met... | 10.728 | 93   | 38898    | 3.66   | ng    | # 94     |
| 29) 2,4-Dichlorophenol        | 11.010 | 162  | 26139    | 3.41   | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 11.234 | 180  | 35688    | 3.64   | ng    | 99       |
| 31) Naphthalene               | 11.422 | 128  | 89151    | 3.78   | ng    | 97       |
| 32) Benzoic acid              | 10.587 | 122  | 4299     | 1.24   | ng    | 90       |
| 33) 4-Chloroaniline           | 11.504 | 127  | 35828    | 3.69   | ng    | # 87     |
| 34) Hexachlorobutadiene       | 11.734 | 225  | 25080    | 3.39   | ng    | 96       |
| 35) Caprolactam               | 12.193 | 113  | 6929     | 3.09   | ng    | # 65     |
| 36) 4-Chloro-3-methylphenol   | 12.598 | 107  | 28412    | 3.42   | ng    | # 82     |
| 37) 2-Methylnaphthalene       | 12.987 | 142  | 64113    | 3.75   | ng    | # 93     |
| 38) 1-Methylnaphthalene       | 13.204 | 142  | 60247    | 3.73   | ng    | # 99     |
| 40) 1,2,4,5-Tetrachloroben... | 13.357 | 216  | 44248    | 3.79   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.357 | 237  | 25950    | 3.84   | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.581 | 196  | 21208    | 3.06   | ng    | 97       |

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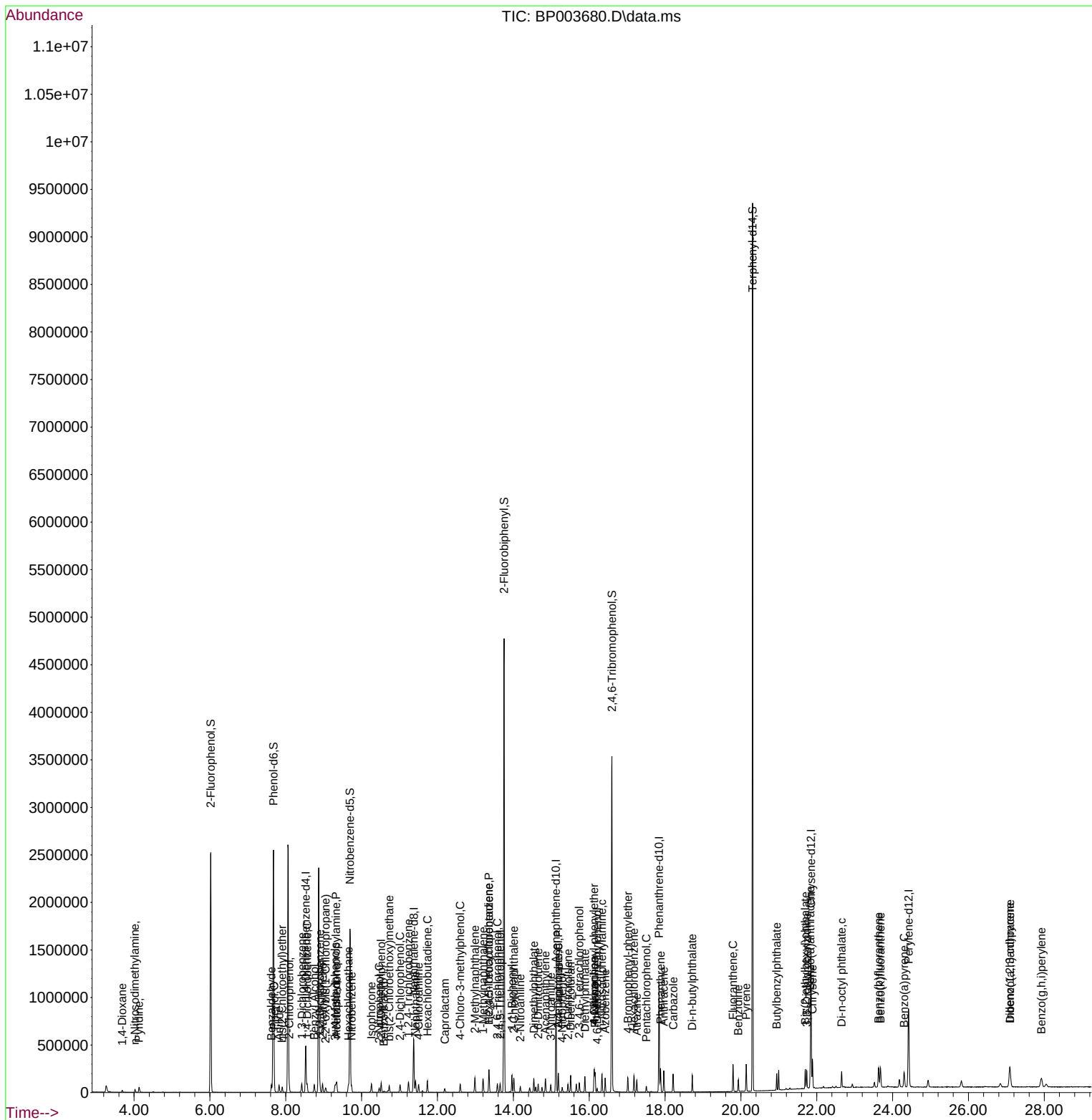
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

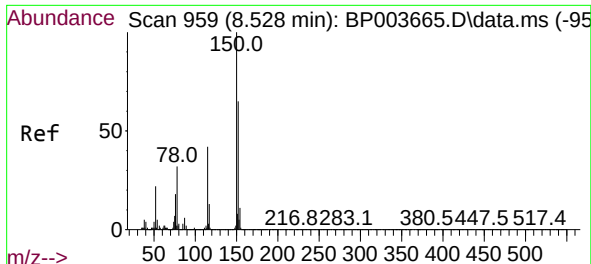
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 20 12:55:54 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 13.651 | 196  | 24409    | 3.39 | ng    | #        | 95  |
| 46) 1,1'-Biphenyl             | 13.963 | 154  | 87896    | 3.83 | ng    |          | 96  |
| 47) 2-Chloronaphthalene       | 14.010 | 162  | 69265    | 3.61 | ng    |          | 98  |
| 48) 2-Nitroaniline            | 14.187 | 65   | 15896    | 2.80 | ng    | #        | 63  |
| 49) Acenaphthylene            | 14.845 | 152  | 95689    | 3.49 | ng    |          | 100 |
| 50) Dimethylphthalate         | 14.539 | 163  | 84900    | 3.51 | ng    |          | 99  |
| 51) 2,6-Dinitrotoluene        | 14.657 | 165  | 16497    | 3.35 | ng    | #        | 55  |
| 52) Acenaphthene              | 15.186 | 154  | 64313    | 3.47 | ng    |          | 97  |
| 53) 3-Nitroaniline            | 14.986 | 138  | 15000    | 3.10 | ng    | #        | 43  |
| 54) 2,4-Dinitrophenol         | 15.186 | 184  | 3938     | 1.75 | ng    | #        | 1   |
| 55) Dibenzofuran              | 15.510 | 168  | 106773   | 3.82 | ng    |          | 97  |
| 56) 4-Nitrophenol             | 15.286 | 139  | 10667    | 2.95 | ng    | #        | 48  |
| 57) 2,4-Dinitrotoluene        | 15.439 | 165  | 20955    | 3.15 | ng    | #        | 63  |
| 58) Fluorene                  | 16.157 | 166  | 84115    | 3.73 | ng    |          | 97  |
| 59) 2,3,4,6-Tetrachlorophenol | 15.739 | 232  | 21484    | 3.11 | ng    |          | 91  |
| 60) Diethylphthalate          | 15.886 | 149  | 82230    | 3.47 | ng    |          | 100 |
| 61) 4-Chlorophenyl-phenyle... | 16.128 | 204  | 48847    | 3.58 | ng    |          | 97  |
| 62) 4-Nitroaniline            | 16.133 | 138  | 15128    | 2.82 | ng    | #        | 60  |
| 63) Azobenzene                | 16.422 | 77   | 79364    | 3.56 | ng    |          | 85  |
| 65) 4,6-Dinitro-2-methylph... | 16.210 | 198  | 9241     | 2.62 | ng    |          | 87  |
| 66) n-Nitrosodiphenylamine    | 16.339 | 169  | 70913    | 3.56 | ng    |          | 99  |
| 67) 4-Bromophenyl-phenylether | 17.022 | 248  | 29880    | 3.33 | ng    |          | 94  |
| 68) Hexachlorobenzene         | 17.180 | 284  | 36409    | 3.53 | ng    |          | 96  |
| 69) Atrazine                  | 17.257 | 200  | 24035    | 3.09 | ng    |          | 94  |
| 70) Pentachlorophenol         | 17.510 | 266  | 11588    | 2.28 | ng    |          | 94  |
| 71) Phenanthrene              | 17.880 | 178  | 137056   | 3.68 | ng    |          | 99  |
| 72) Anthracene                | 17.969 | 178  | 132613   | 3.69 | ng    |          | 98  |
| 73) Carbazole                 | 18.216 | 167  | 113489   | 3.55 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 18.716 | 149  | 118608   | 3.04 | ng    | #        | 98  |
| 75) Fluoranthene              | 19.792 | 202  | 161346   | 3.53 | ng    |          | 98  |
| 77) Benzidine                 | 19.933 | 184  | 63577    | 3.69 | ng    |          | 98  |
| 78) Pyrene                    | 20.139 | 202  | 167795   | 3.48 | ng    |          | 97  |
| 80) Butylbenzylphthalate      | 20.945 | 149  | 44942    | 2.55 | ng    | #        | 78  |
| 81) Benzo(a)anthracene        | 21.833 | 228  | 171131   | 3.57 | ng    |          | 97  |
| 82) 3,3'-Dichlorobenzidine    | 21.739 | 252  | 60043    | 3.58 | ng    | #        | 97  |
| 83) Chrysene                  | 21.886 | 228  | 165480   | 3.64 | ng    |          | 98  |
| 84) Bis(2-ethylhexyl)phtha... | 21.698 | 149  | 69039    | 2.73 | ng    | #        | 96  |
| 85) Di-n-octyl phthalate      | 22.657 | 149  | 112594   | 2.75 | ng    | #        | 93  |
| 87) Indeno(1,2,3-cd)pyrene    | 27.092 | 276  | 162242   | 3.25 | ng    | #        | 91  |
| 88) Benzo(b)fluoranthene      | 23.633 | 252  | 167045   | 3.44 | ng    | #        | 98  |
| 89) Benzo(k)fluoranthene      | 23.680 | 252  | 157864   | 3.41 | ng    | #        | 96  |
| 90) Benzo(a)pyrene            | 24.304 | 252  | 138032   | 3.19 | ng    | #        | 97  |
| 91) Dibenzo(a,h)anthracene    | 27.098 | 278  | 136790   | 3.28 | ng    | #        | 91  |
| 92) Benzo(g,h,i)perylene      | 27.921 | 276  | 131062   | 3.39 | ng    | #        | 91  |

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

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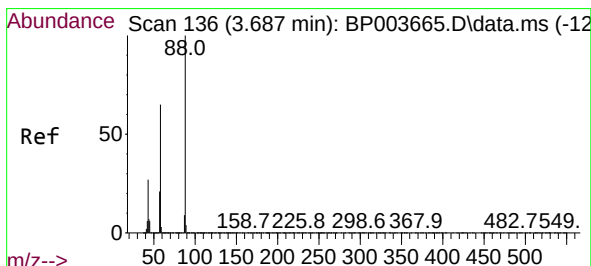
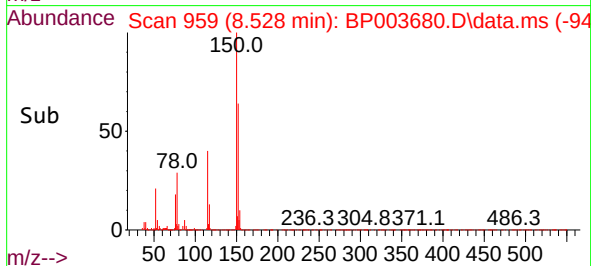
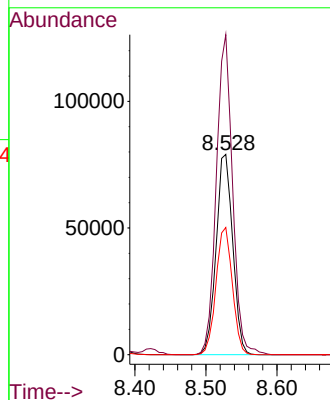
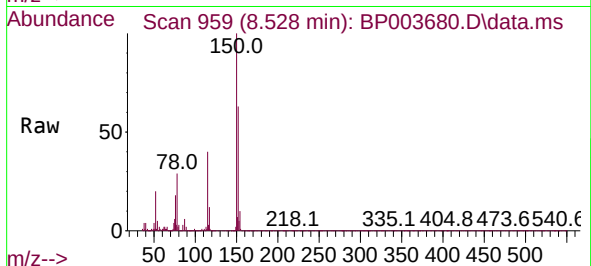




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.528 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

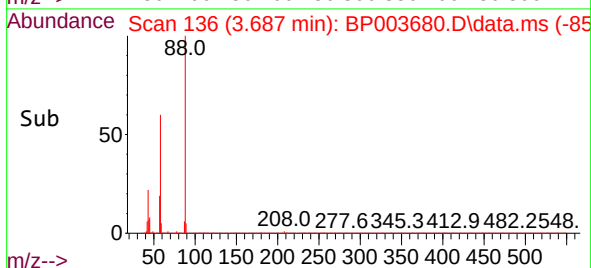
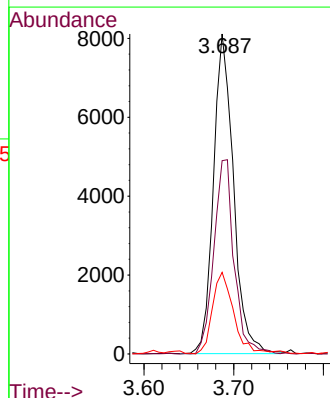
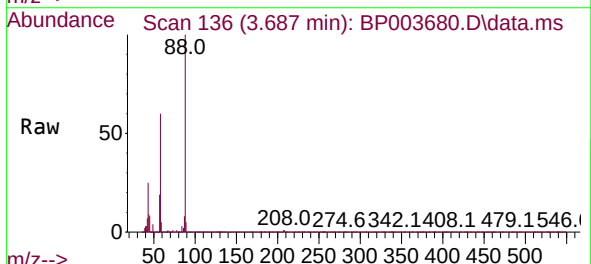
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

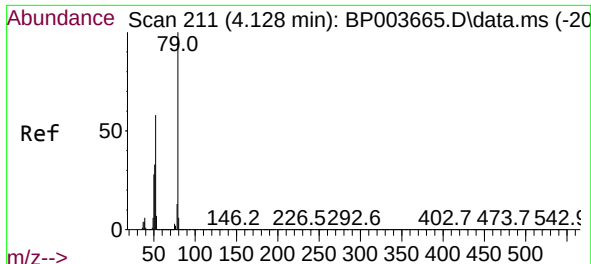
Tgt Ion:152 Resp: 127972  
Ion Ratio Lower Upper  
152 100  
150 159.8 123.8 185.6  
115 63.5 43.8 65.6



#2  
1,4-Dioxane  
Concen: 3.84 ng  
RT: 3.687 min Scan# 136  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion: 88 Resp: 12561  
Ion Ratio Lower Upper  
88 100  
58 61.7 44.2 66.4  
43 27.5 15.2 22.8#



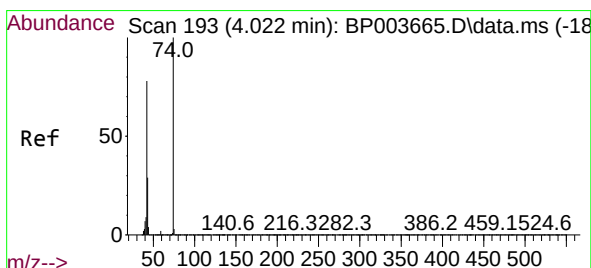
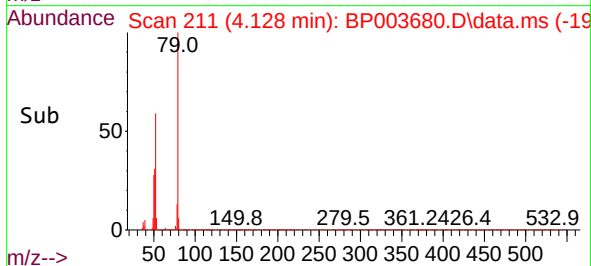
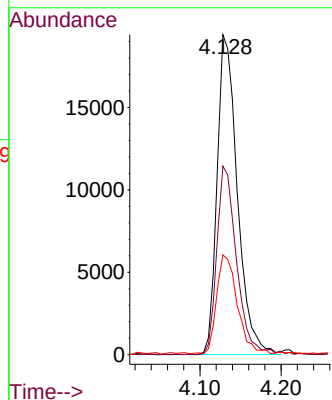
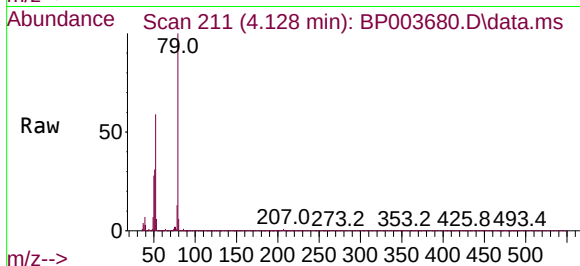


#3  
Pyridine  
Concen: 3.64 ng  
RT: 4.128 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 79 Resp: 33674

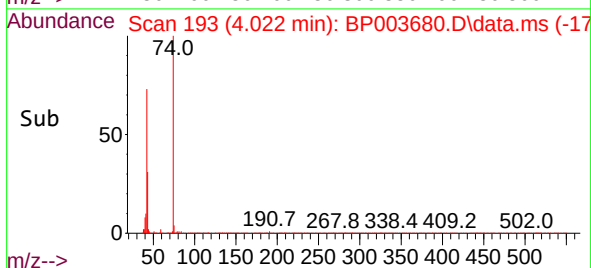
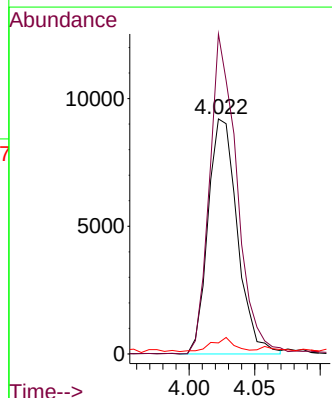
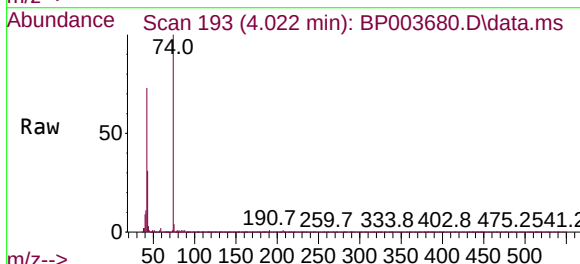
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 58.9  | 41.3  | 61.9  |
| 51  | 31.2  | 21.2  | 31.8  |

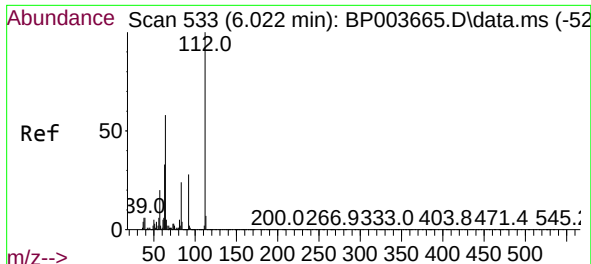


#4  
n-Nitrosodimethylamine  
Concen: 3.63 ng  
RT: 4.022 min Scan# 193  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion: 42 Resp: 14306

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 42  | 100   |       |        |
| 74  | 136.1 | 148.6 | 223.0# |
| 44  | 4.7   | 5.3   | 7.9#   |

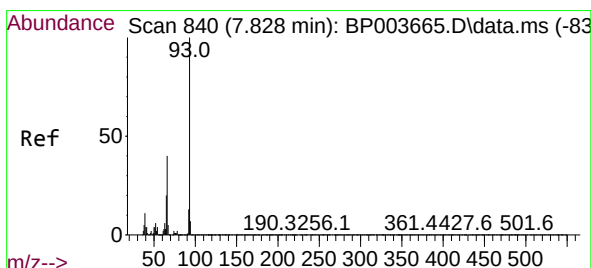
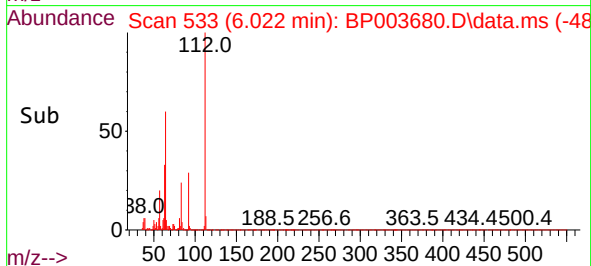
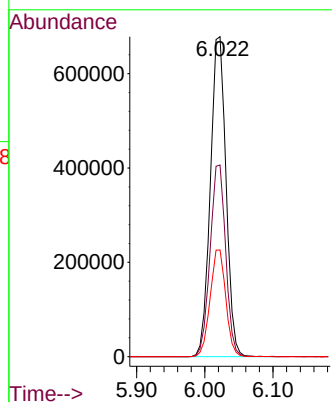
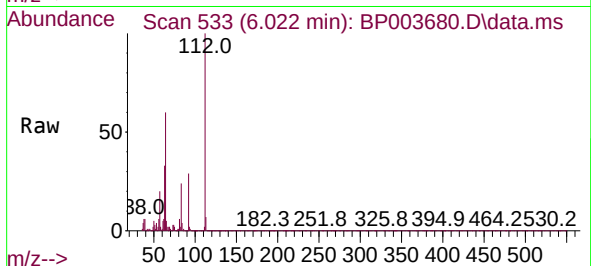




#5  
2-Fluorophenol  
Concen: 141.73 ng  
RT: 6.022 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

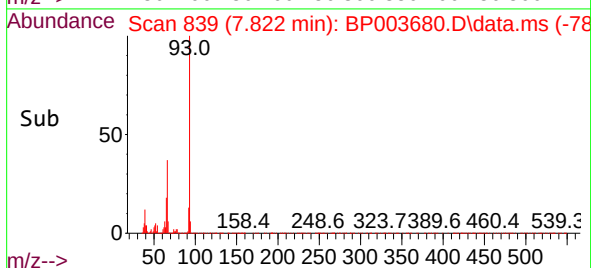
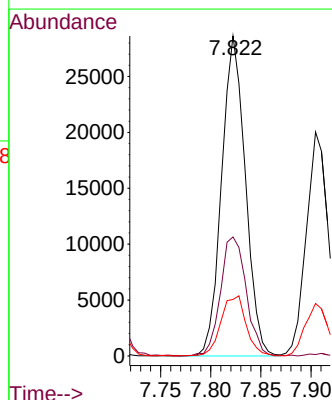
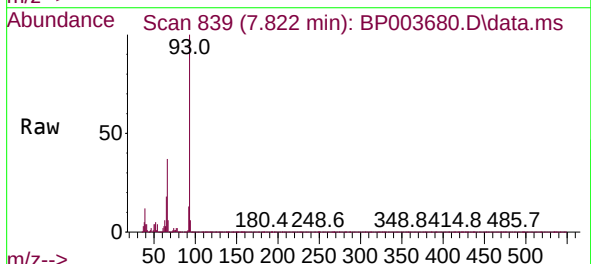
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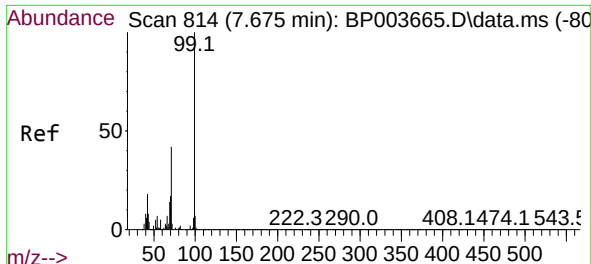
Tgt Ion:112 Resp: 1084640  
Ion Ratio Lower Upper  
112 100  
64 59.9 32.8 49.2#  
63 33.3 17.0 25.4#



#6  
Aniline  
Concen: 3.93 ng  
RT: 7.822 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion: 93 Resp: 47117  
Ion Ratio Lower Upper  
93 100  
66 37.2 25.4 38.0  
65 17.6 12.5 18.7

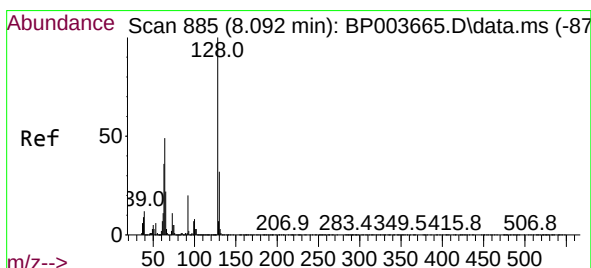
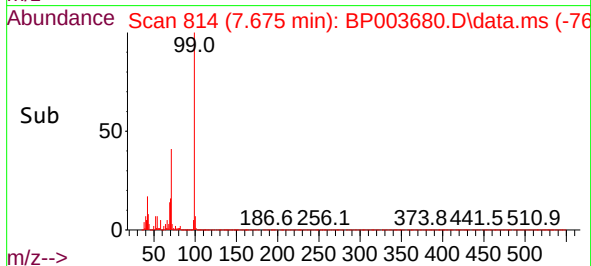
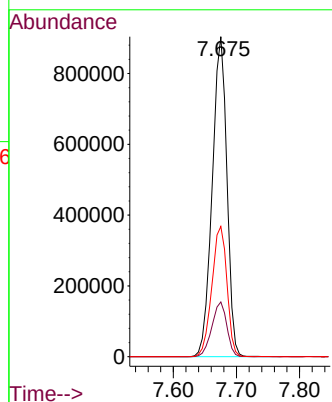
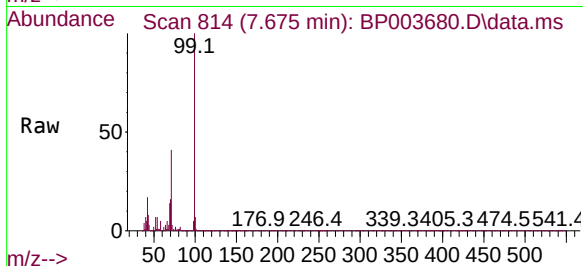




#7  
Phenol-d6  
Concen: 134.68 ng  
RT: 7.675 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

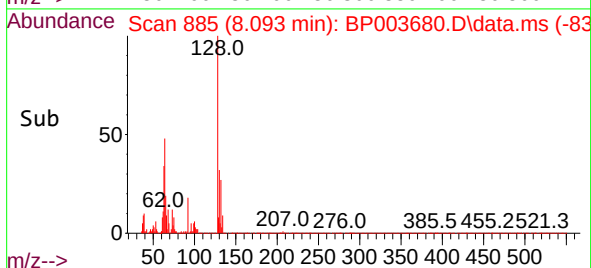
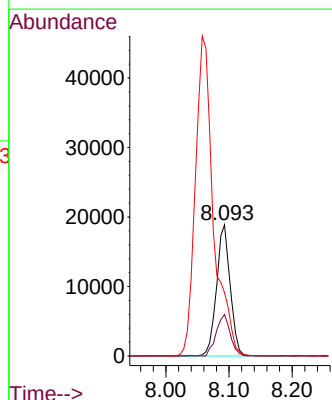
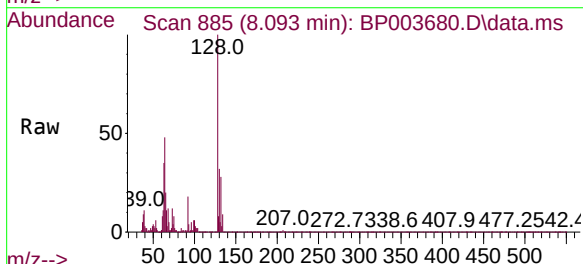
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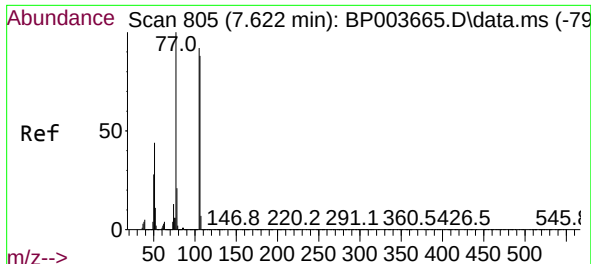
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Ion Ratio Lower Upper  
99 100  
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71 40.7 23.4 35.2#



#8  
2-Chlorophenol  
Concen: 3.73 ng  
RT: 8.093 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion: 128 Resp: 28404  
Ion Ratio Lower Upper  
128 100  
130 31.6 13.0 53.0  
64 48.3 10.4 50.4

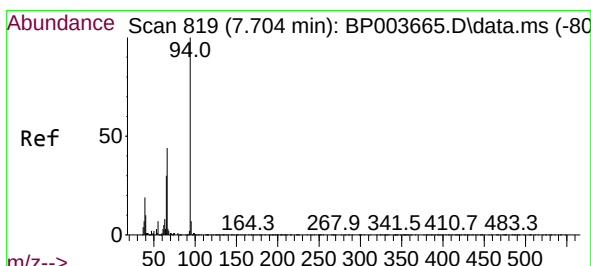
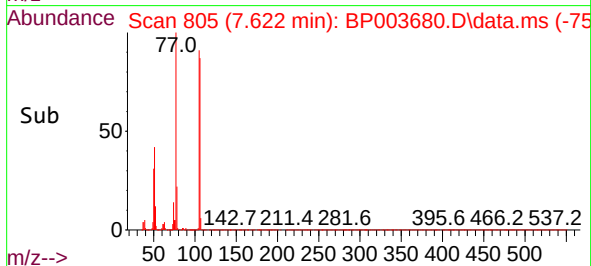
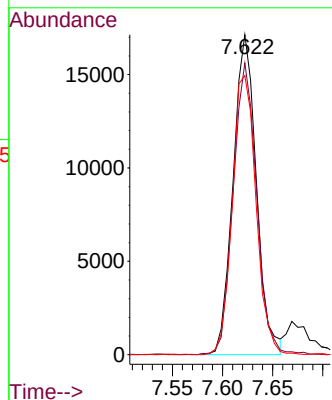
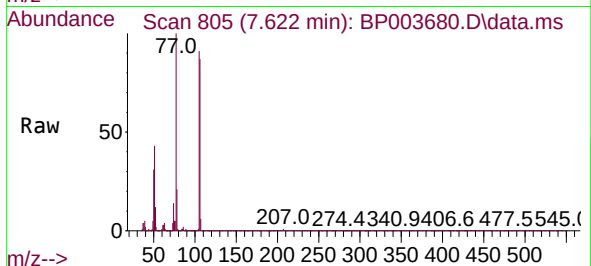




#9  
Benzaldehyde  
Concen: 4.85 ng  
RT: 7.622 min Scan# 805  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

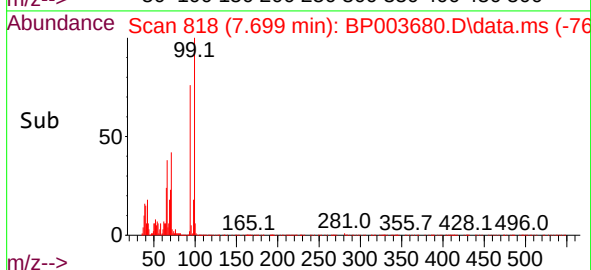
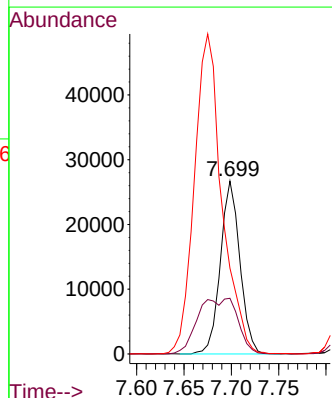
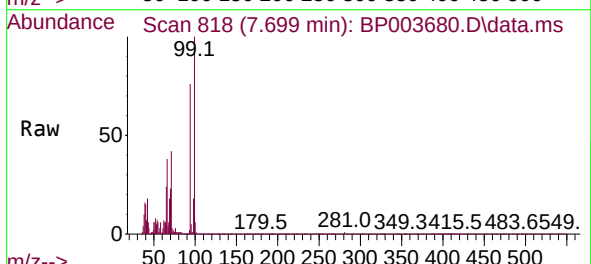
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 77 Resp: 27653  
Ion Ratio Lower Upper  
77 100  
105 91.1 97.1 137.1#  
106 87.2 93.7 133.7#

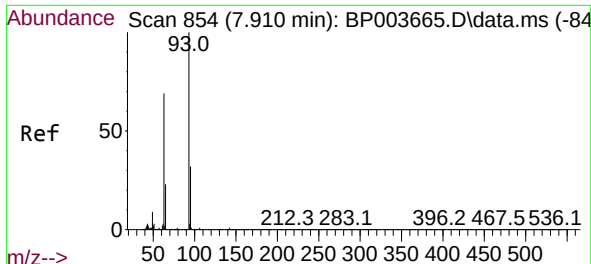


#10  
Phenol  
Concen: 3.73 ng  
RT: 7.699 min Scan# 818  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion: 94 Resp: 38368  
Ion Ratio Lower Upper  
94 100  
65 32.2 2.3 42.3  
66 49.6 10.9 50.9



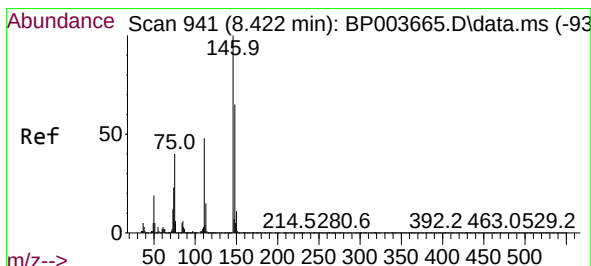
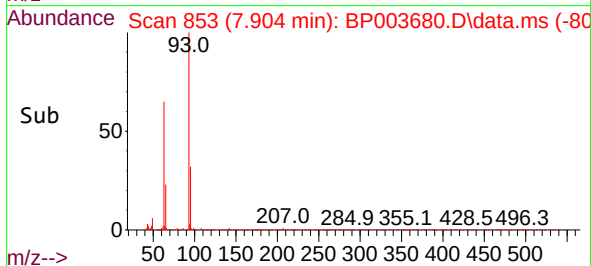
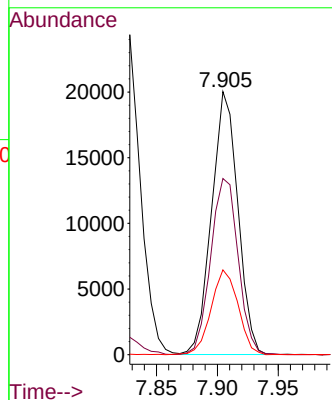
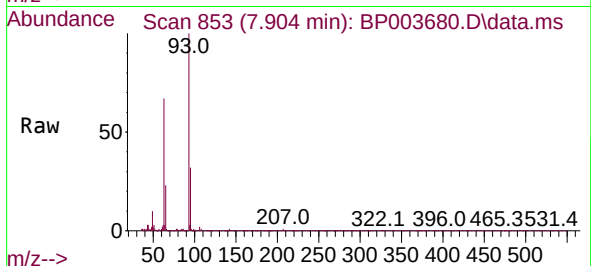




#11  
bis(2-Chloroethyl)ether  
Concen: 3.68 ng  
RT: 7.904 min Scan# 853  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

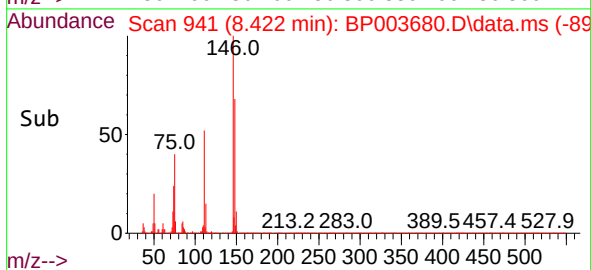
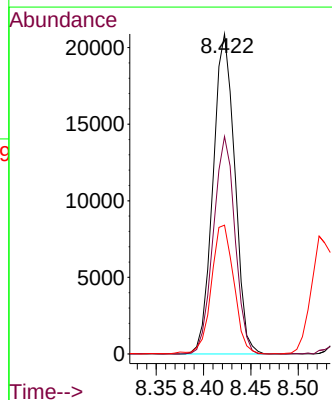
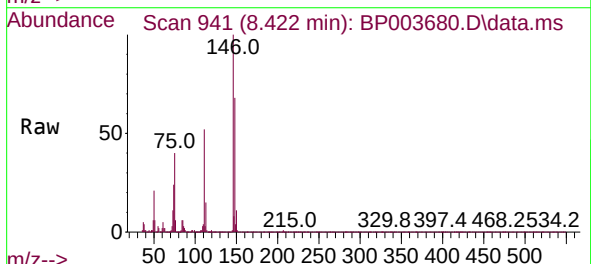
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

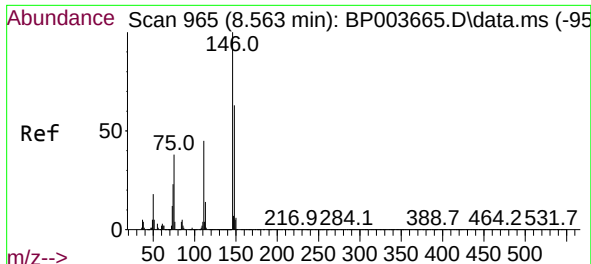
Tgt Ion: 93 Resp: 30110  
Ion Ratio Lower Upper  
93 100  
63 67.0 39.0 79.0  
95 32.3 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 3.39 ng  
RT: 8.422 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:146 Resp: 33335  
Ion Ratio Lower Upper  
146 100  
148 67.9 52.5 78.7  
75 40.3 18.1 27.1#





#13

1,4-Dichlorobenzene

Concen: 3.48 ng

RT: 8.563 min Scan# 965

Delta R.T. 0.000 min

Lab File: BP003680.D

Acq: 20 Oct 2020 16:23

Tgt Ion:146 Resp: 34527

Ion Ratio Lower Upper

146 100

148 67.6 51.3 76.9

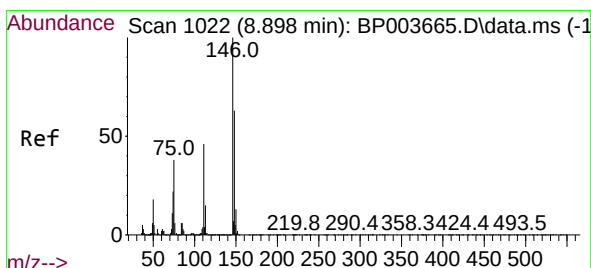
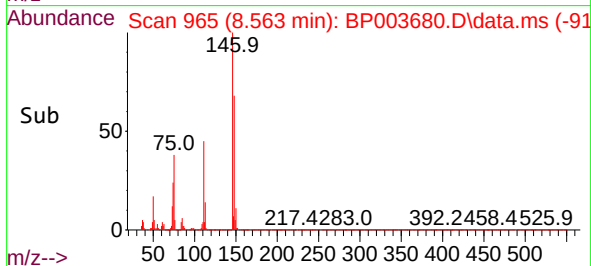
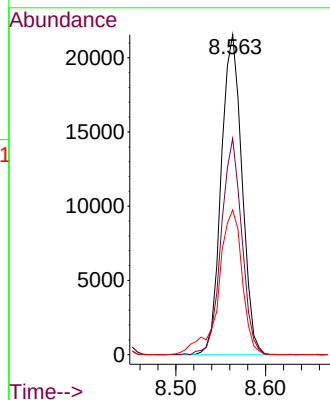
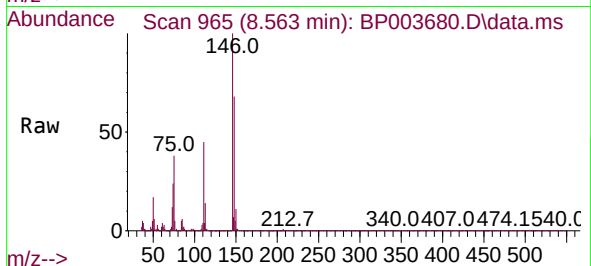
111 45.3 28.9 43.3#

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020



#14

1,2-Dichlorobenzene

Concen: 3.57 ng

RT: 8.899 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BP003680.D

Acq: 20 Oct 2020 16:23

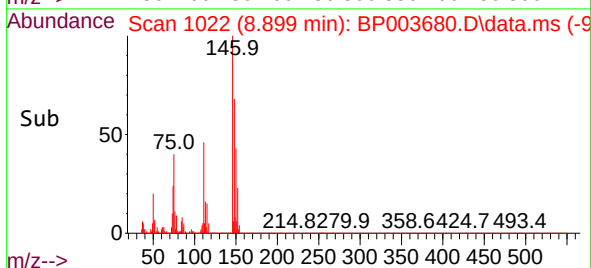
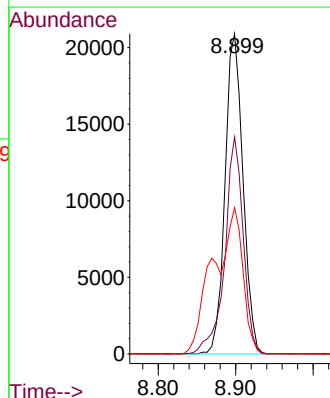
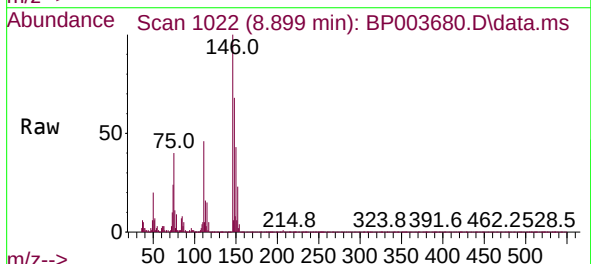
Tgt Ion:146 Resp: 33593

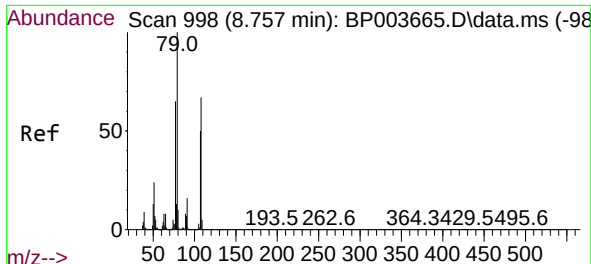
Ion Ratio Lower Upper

146 100

148 67.8 51.6 77.4

111 45.7 31.0 46.6

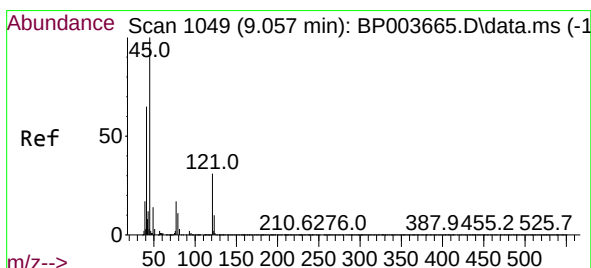
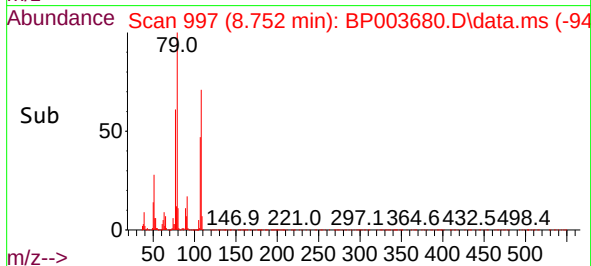
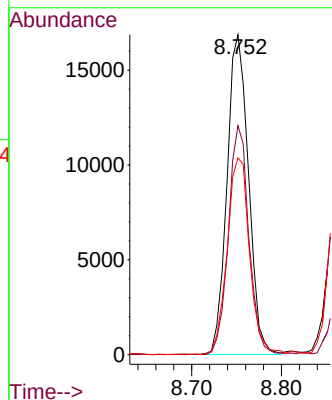
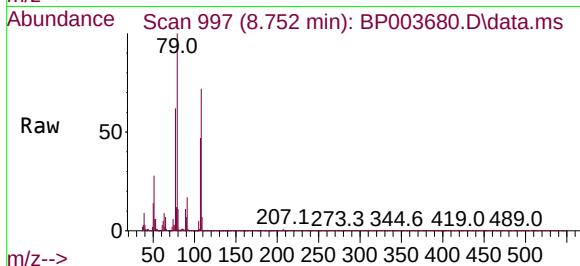




#15  
Benzyl Alcohol  
Concen: 3.39 ng  
RT: 8.752 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

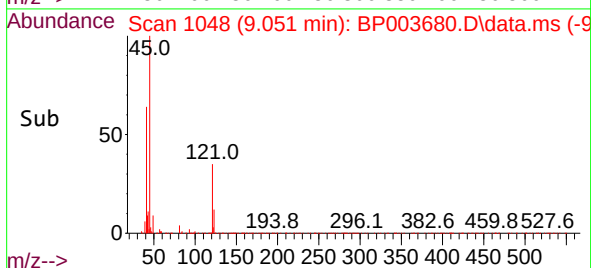
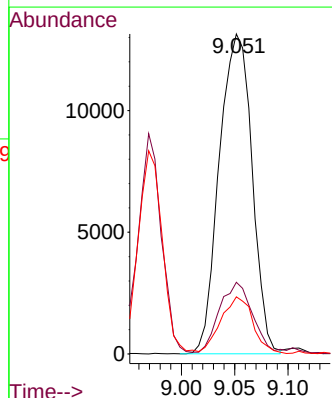
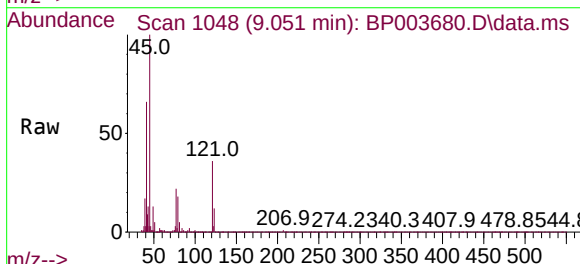
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

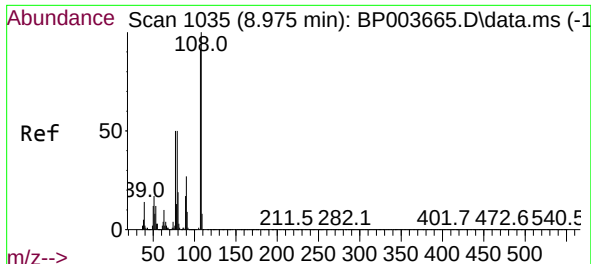
Tgt Ion: 79 Resp: 28004  
Ion Ratio Lower Upper  
79 100  
108 71.6 73.5 110.3#  
77 61.5 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.47 ng  
RT: 9.051 min Scan# 1048  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion: 45 Resp: 28122  
Ion Ratio Lower Upper  
45 100  
77 22.4 2.3 42.3  
79 17.8 0.0 36.6

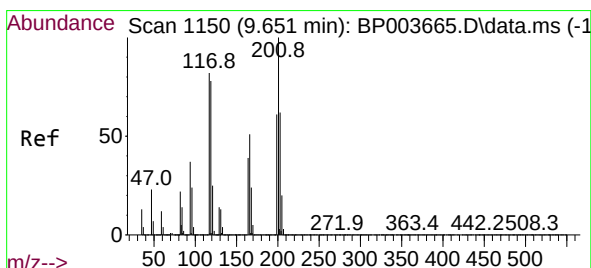
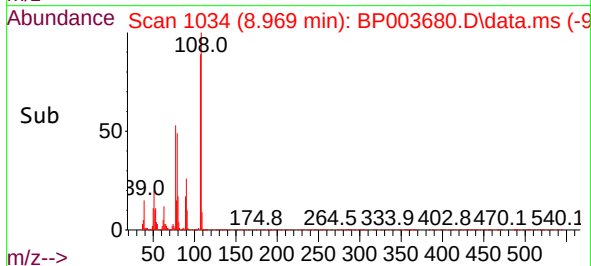
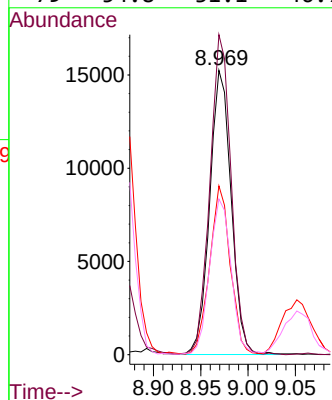
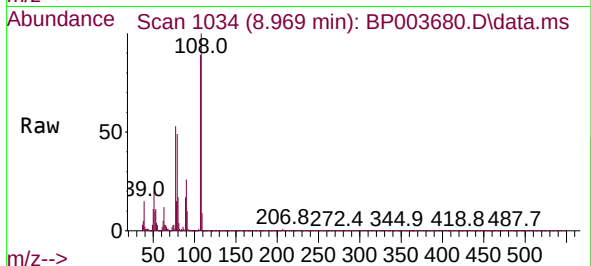




#17  
2-Methylphenol  
Concen: 3.54 ng  
RT: 8.969 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

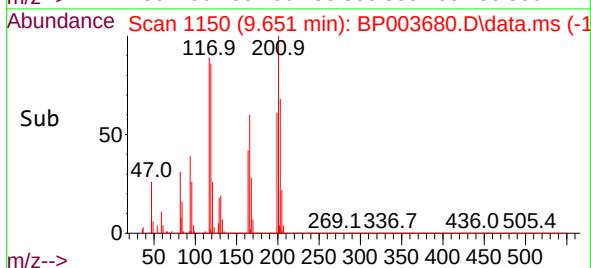
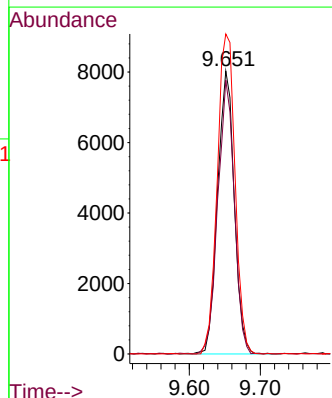
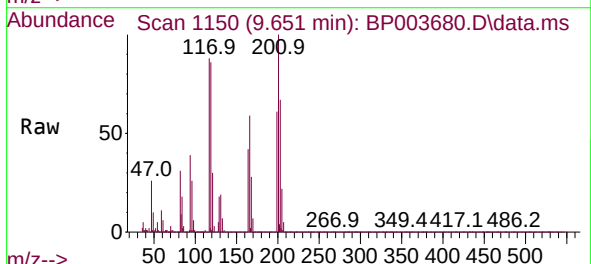
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

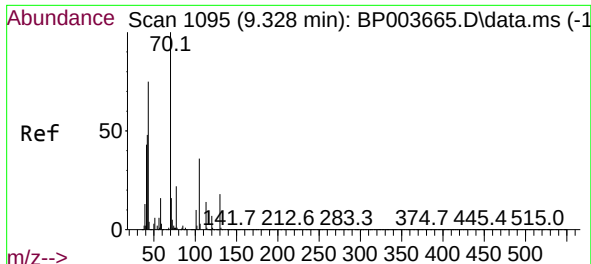
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 24118 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.5 | 89.6  | 134.4 |
| 77       | 59.4  | 31.8  | 47.6# |
| 79       | 54.8  | 31.1  | 46.7# |



#18  
Hexachloroethane  
Concen: 3.43 ng  
RT: 9.651 min Scan# 1150  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

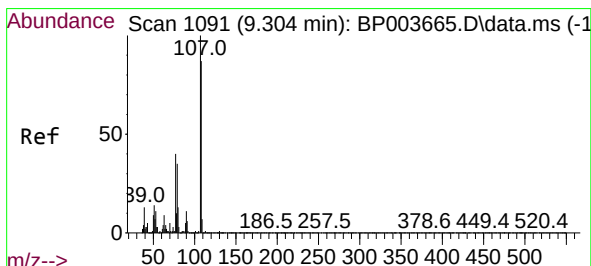
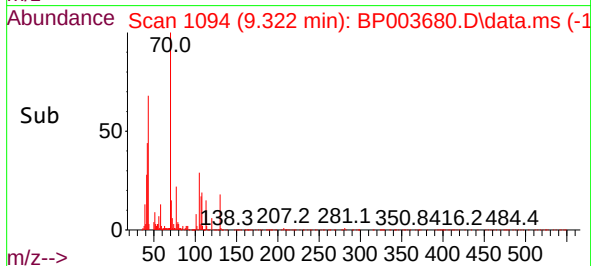
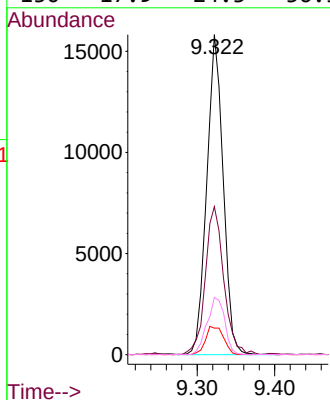
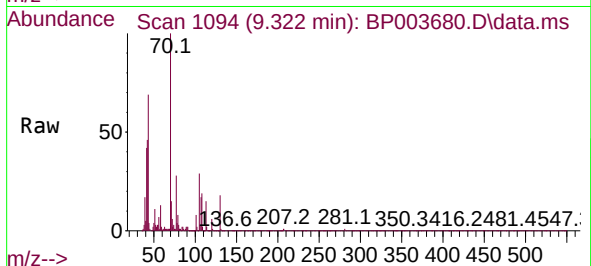
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 13118 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.8  | 78.8  | 118.2 |
| 201      | 113.1 | 92.3  | 138.5 |





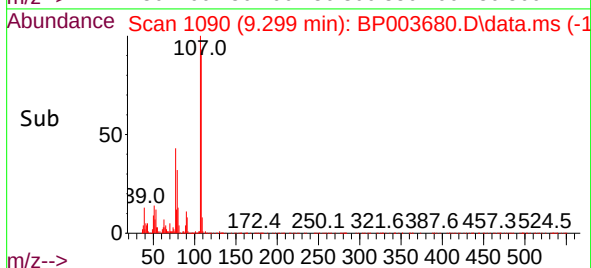
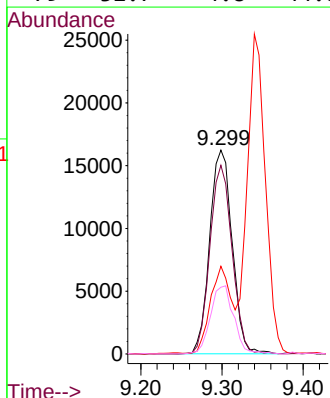
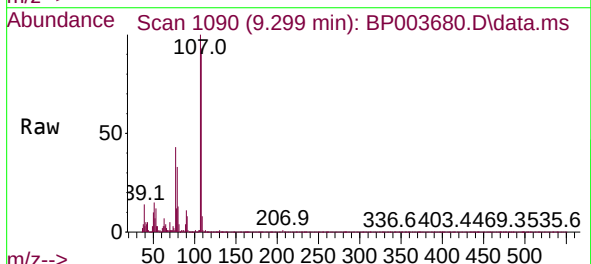
#19  
n-Nitroso-di-n-propylamine  
Concen: 3.53 ng  
RT: 9.322 min Scan# 1094  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 23302 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 46.3  | 32.8  | 49.2  |
| 101      | 8.3   | 9.6   | 14.4# |
| 130      | 17.9  | 24.3  | 36.5# |

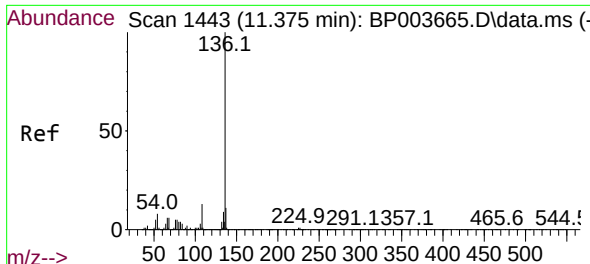


#20  
3+4-Methylphenols  
Concen: 3.40 ng  
RT: 9.299 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 31190 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 92.6  | 69.0  | 109.0 |
| 77       | 43.0  | 8.5   | 48.5  |
| 79       | 32.7  | 4.8   | 44.8  |



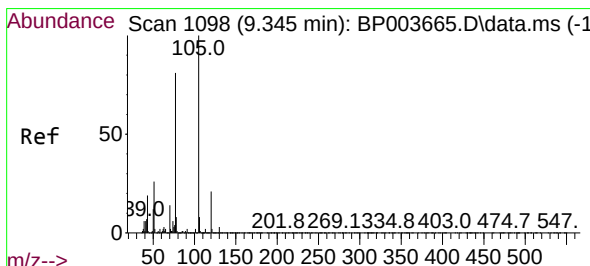
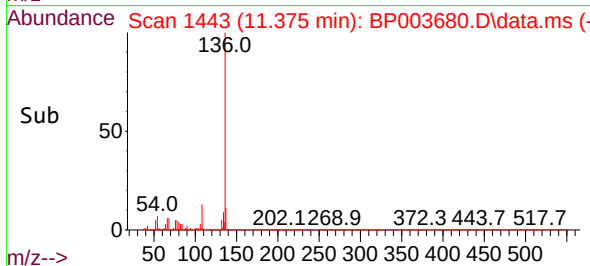
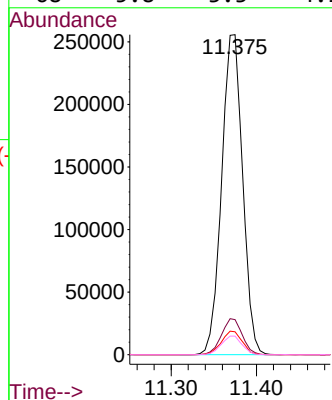
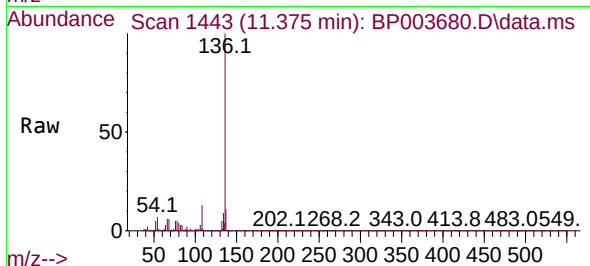
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.375 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

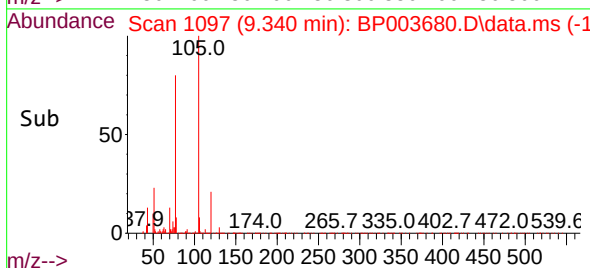
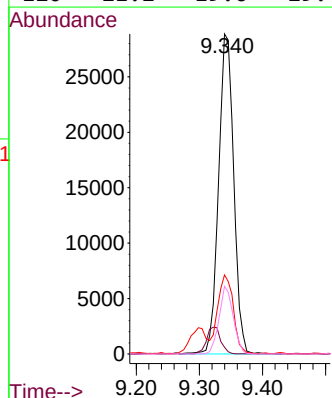
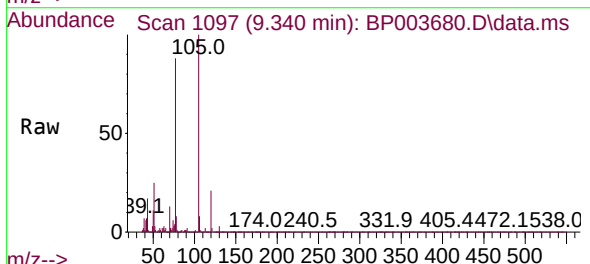
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

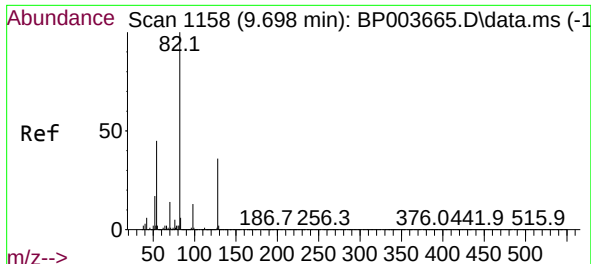
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 437349 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.6   | 13.0   |
| 54       | 7.1   | 3.6   | 5.4#   |
| 68       | 5.8   | 3.3   | 4.9#   |



#22  
Acetophenone  
Concen: 3.77 ng  
RT: 9.340 min Scan# 1097  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 48253 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 2.1   | 2.6   | 3.8#  |
| 51       | 24.7  | 13.5  | 20.3# |
| 120      | 21.2  | 19.6  | 29.4  |

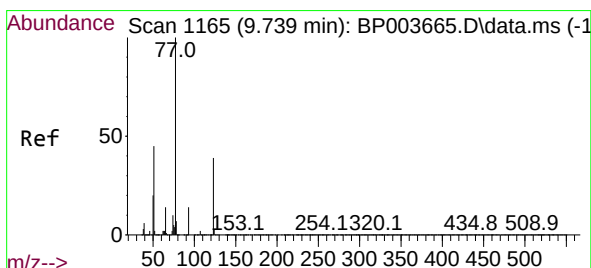
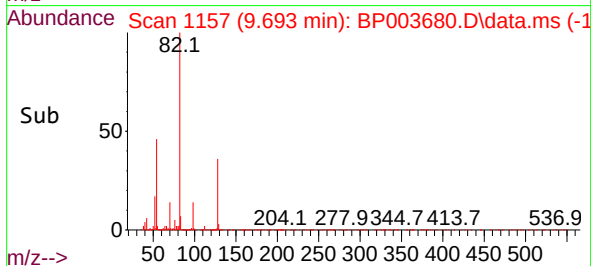
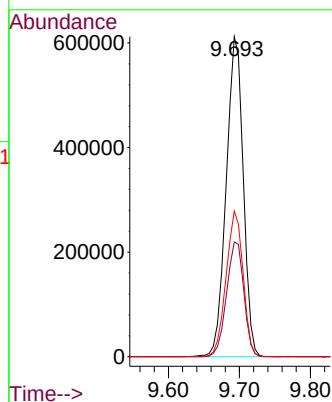
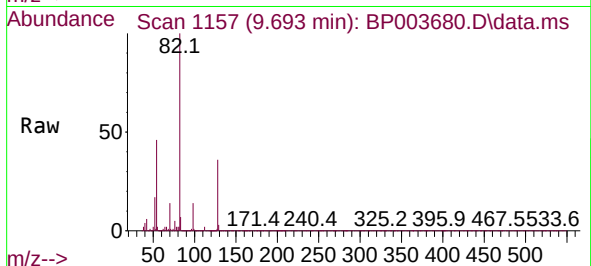




#23  
Nitrobenzene-d5  
Concen: 98.50 ng  
RT: 9.693 min Scan# 1157  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

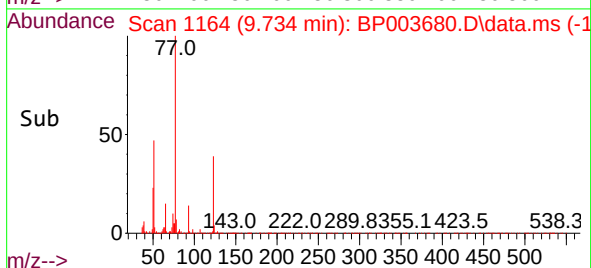
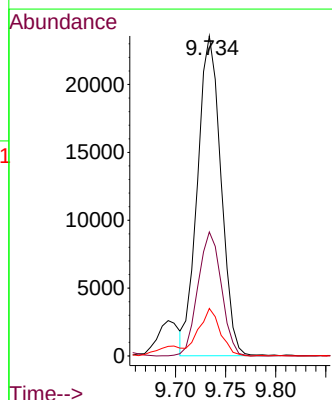
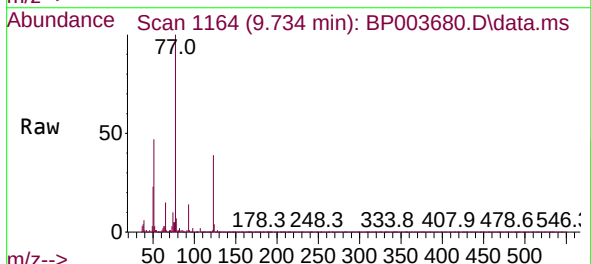
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

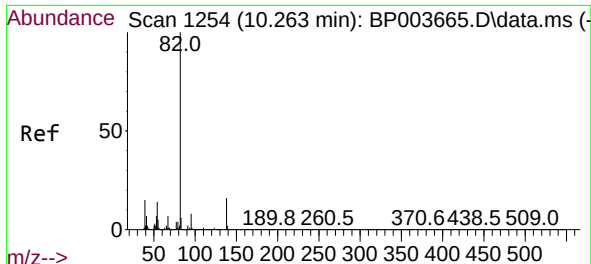
Tgt Ion: 82 Resp: 1018304  
Ion Ratio Lower Upper  
82 100  
128 35.8 45.6 68.4#  
54 45.5 30.1 45.1#



#24  
Nitrobenzene  
Concen: 3.87 ng  
RT: 9.734 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion: 77 Resp: 38487  
Ion Ratio Lower Upper  
77 100  
123 38.8 48.6 72.8#  
65 14.9 10.0 15.0

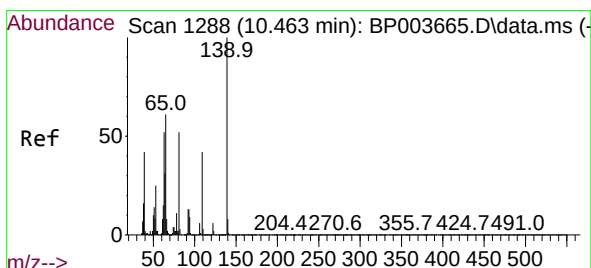
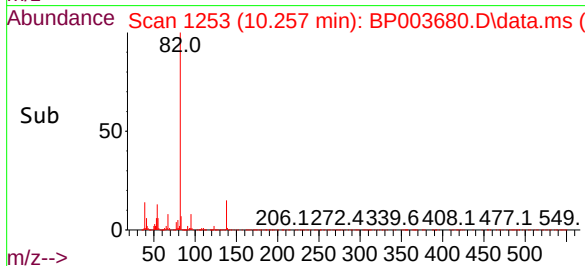
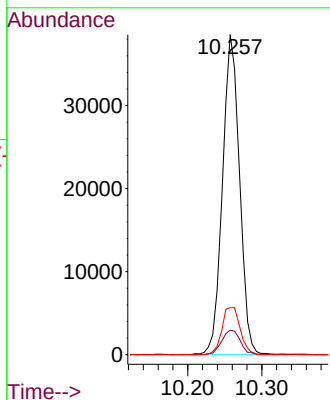
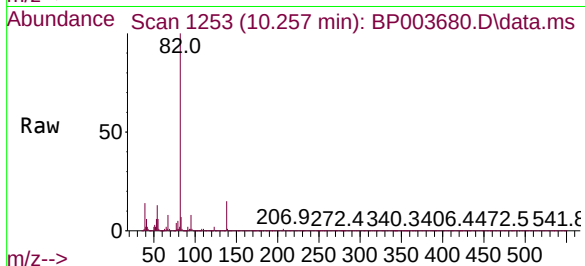




#25  
Isophorone  
Concen: 3.70 ng  
RT: 10.257 min Scan# 1253  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

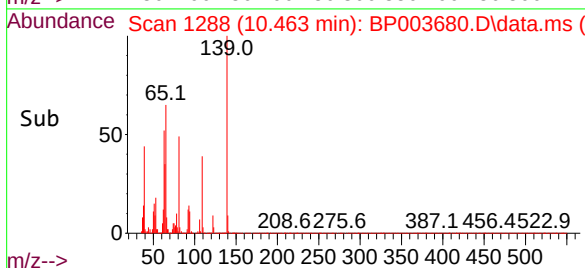
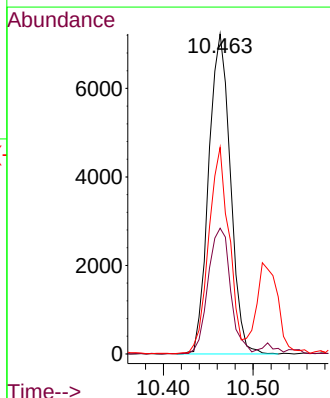
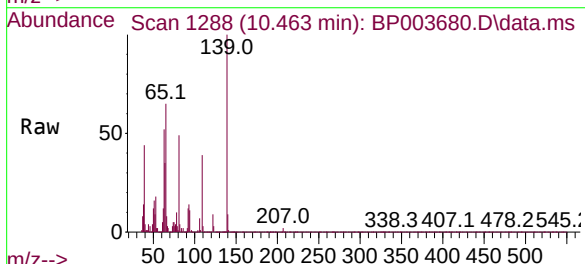
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

Tgt Ion: 82 Resp: 61615  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.4 9.6  
138 14.7 18.7 28.1#

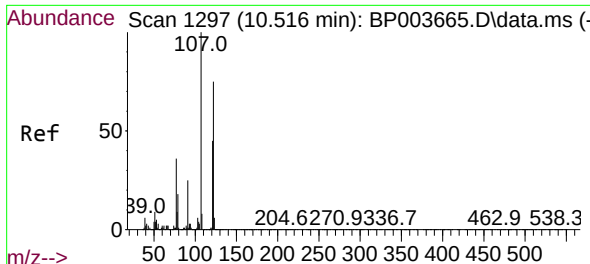


#26  
2-Nitrophenol  
Concen: 3.27 ng  
RT: 10.463 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion: 139 Resp: 12138  
Ion Ratio Lower Upper  
139 100  
109 39.3 22.1 33.1#  
65 64.5 26.5 39.7#



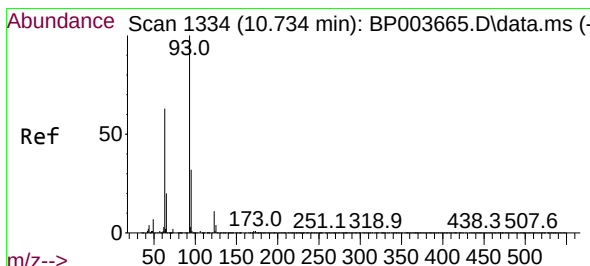
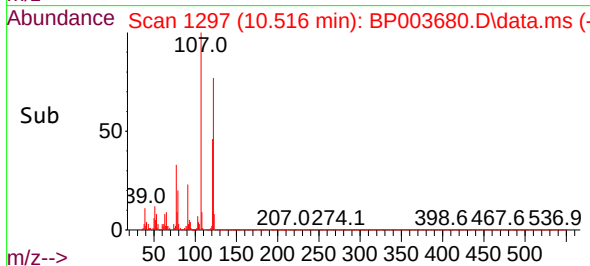
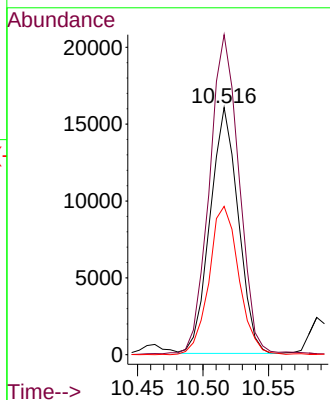
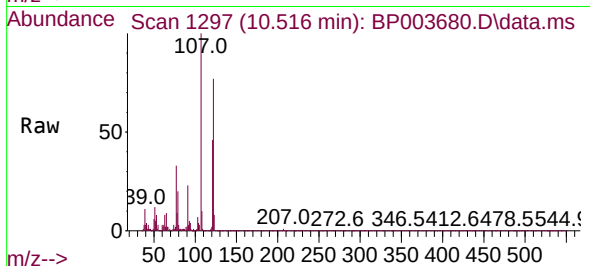




#27  
2,4-Dimethylphenol  
Concen: 4.09 ng  
RT: 10.516 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

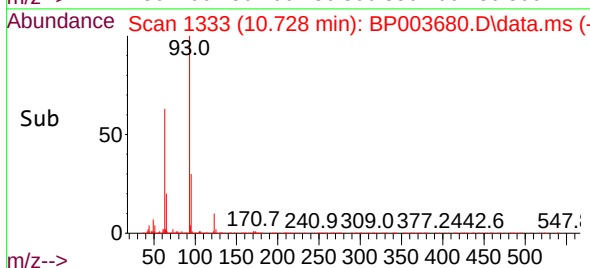
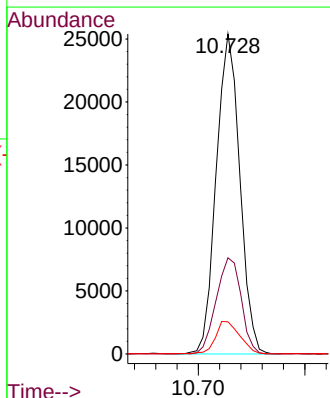
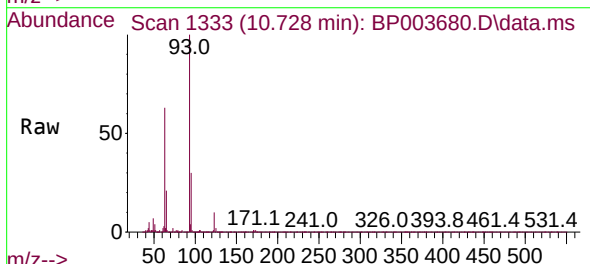
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

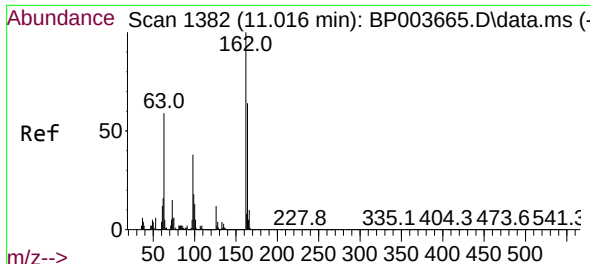
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 23898 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 129.4 | 87.3  | 130.9 |
| 121      | 60.0  | 47.3  | 70.9  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 3.66 ng  
RT: 10.728 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 38898 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 30.1  | 26.7  | 40.1  |
| 123      | 10.1  | 10.5  | 15.7# |

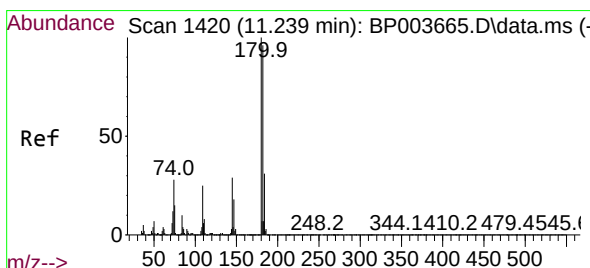
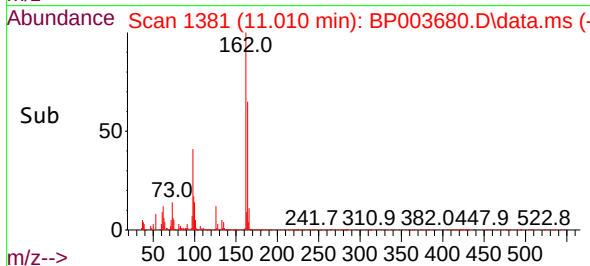
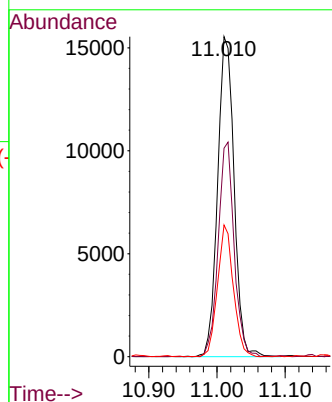
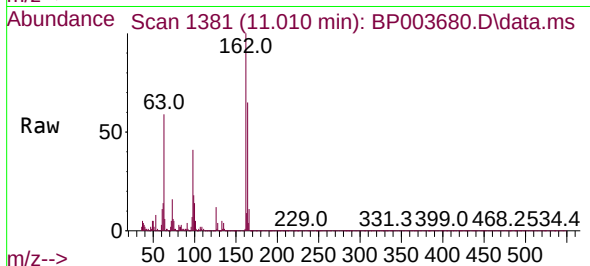




#29  
2,4-Dichlorophenol  
Concen: 3.41 ng  
RT: 11.010 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

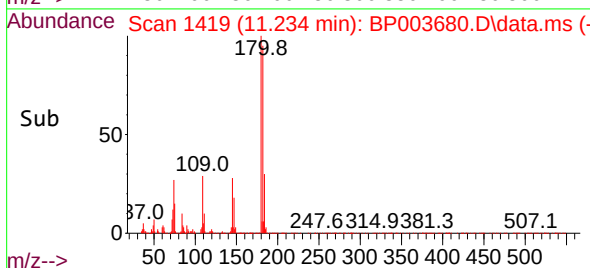
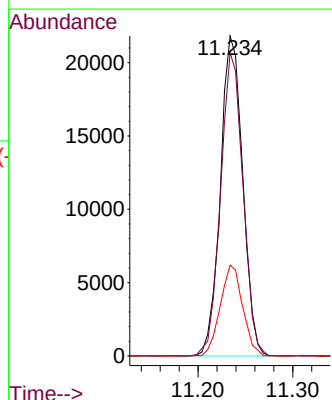
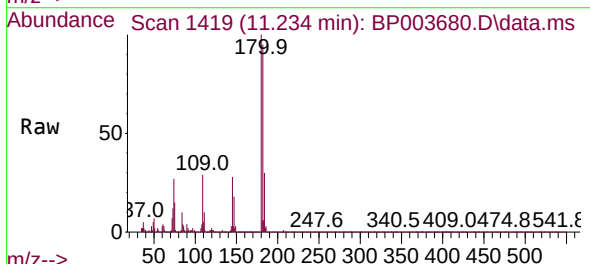
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

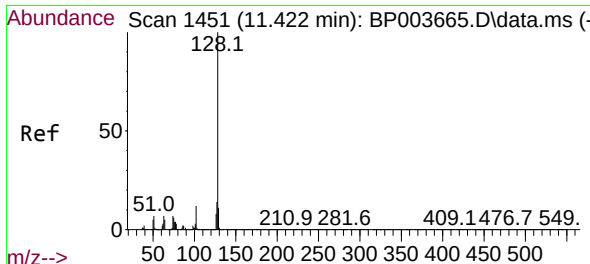
Tgt Ion:162 Resp: 26139  
Ion Ratio Lower Upper  
162 100  
164 65.1 45.8 85.8  
98 41.2 10.2 50.2



#30  
1,2,4-Trichlorobenzene  
Concen: 3.64 ng  
RT: 11.234 min Scan# 1419  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:180 Resp: 35688  
Ion Ratio Lower Upper  
180 100  
182 94.8 76.2 114.2  
145 28.4 23.8 35.8

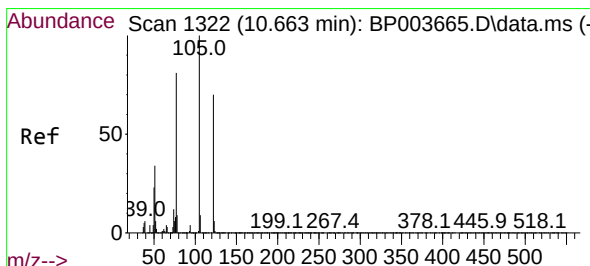
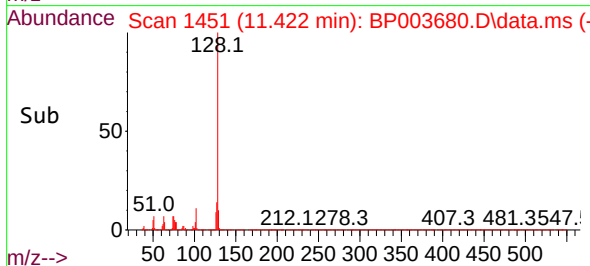
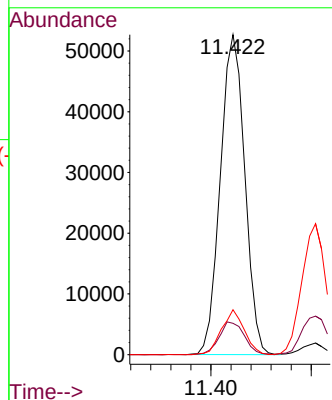
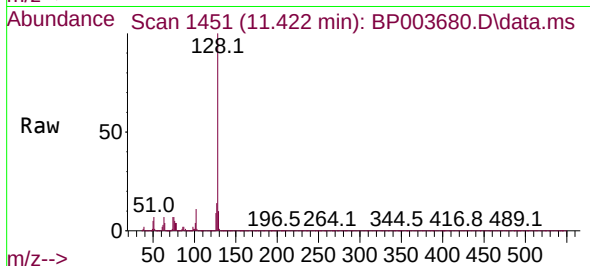




#31  
Naphthalene  
Concen: 3.78 ng  
RT: 11.422 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

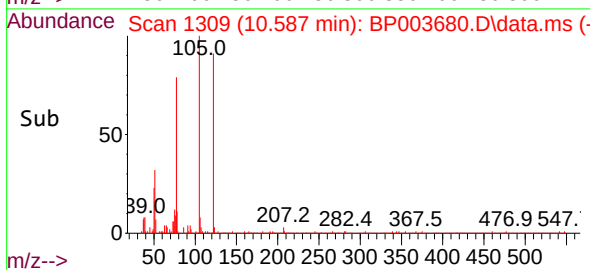
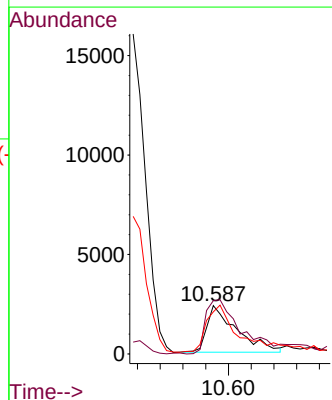
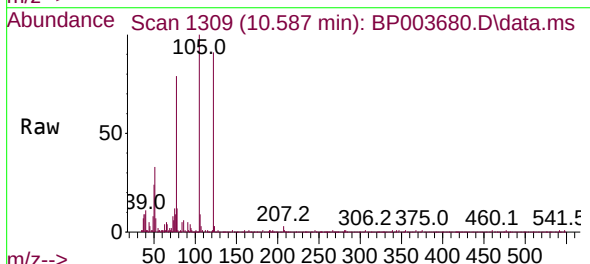
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

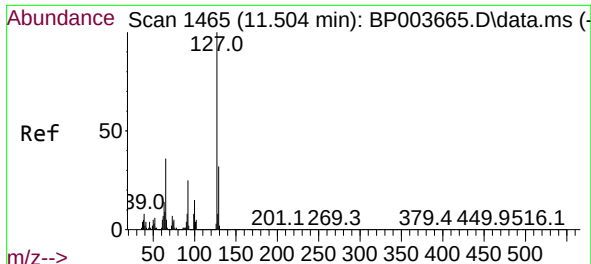
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 89151 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 9.8   | 8.8   | 13.2  |
| 127       | 14.0  | 10.6  | 15.8  |



#32  
Benzoic acid  
Concen: 1.24 ng  
RT: 10.587 min Scan# 1309  
Delta R.T. -0.076 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 4299  |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 110.3 | 94.1  | 134.1 |
| 77        | 87.1  | 50.1  | 90.1  |

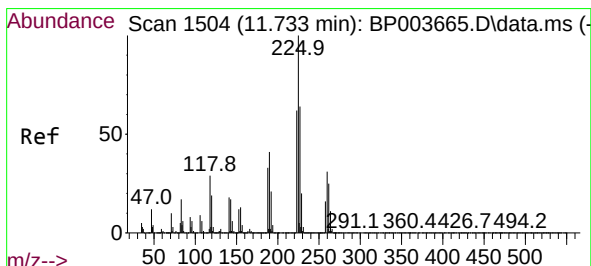
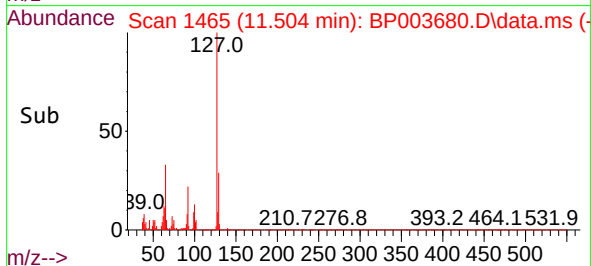
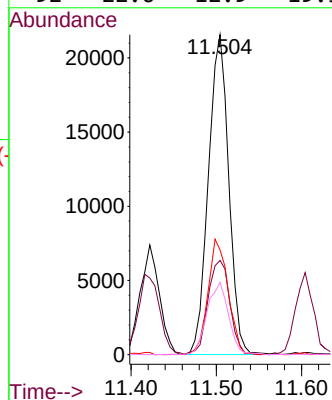
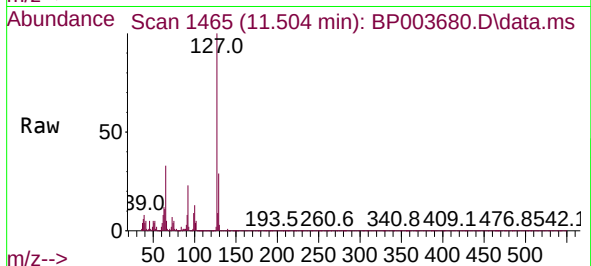




#33  
4-Chloroaniline  
Concen: 3.69 ng  
RT: 11.504 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

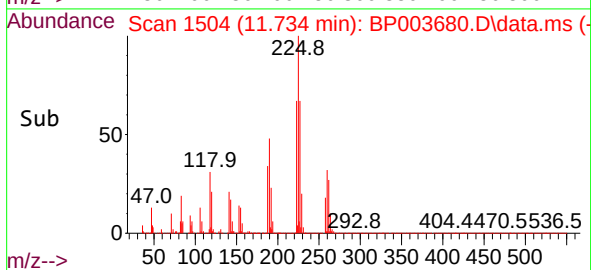
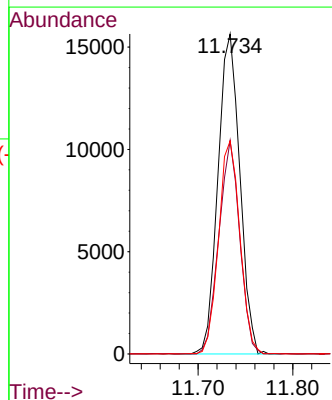
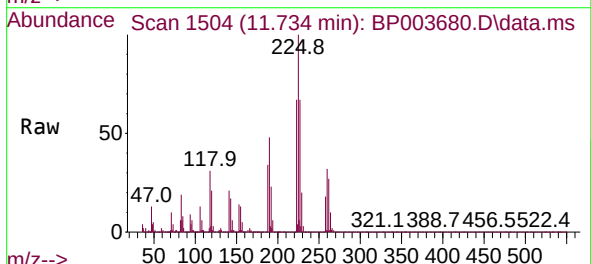
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

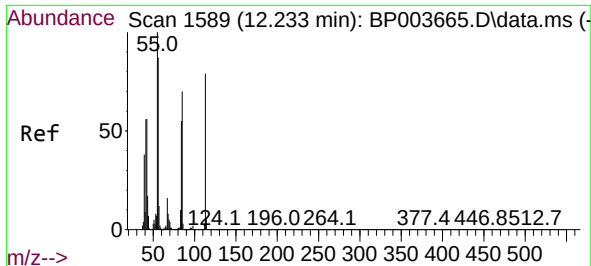
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 35828 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 29.5  | 25.7  | 38.5  |
| 65       | 32.7  | 17.3  | 25.9# |
| 92       | 22.6  | 12.9  | 19.3# |



#34  
Hexachlorobutadiene  
Concen: 3.39 ng  
RT: 11.734 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 25080 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 66.7  | 50.1  | 75.1  |
| 227      | 66.5  | 51.4  | 77.2  |

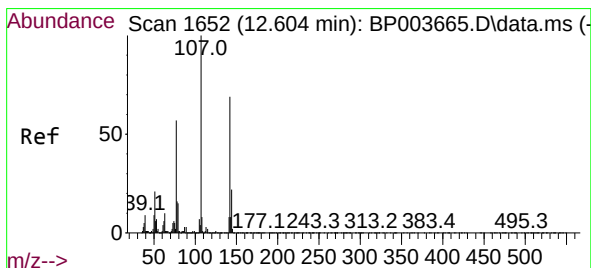
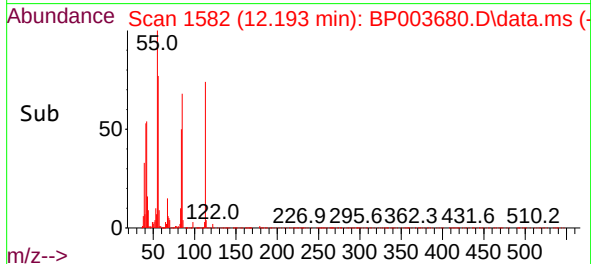
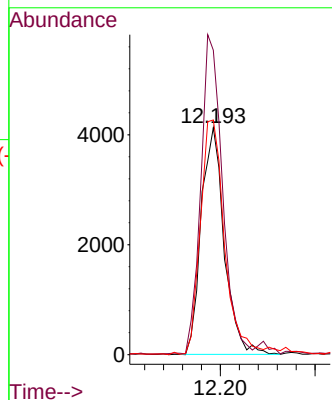
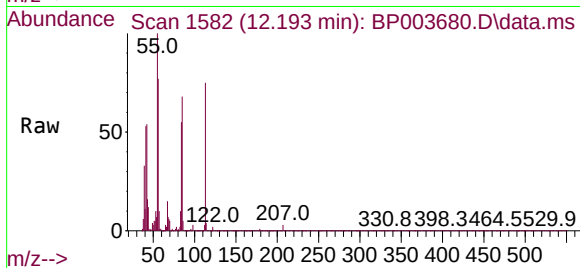




#35  
Caprolactam  
Concen: 3.09 ng  
RT: 12.193 min Scan# 1582  
Delta R.T. -0.041 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

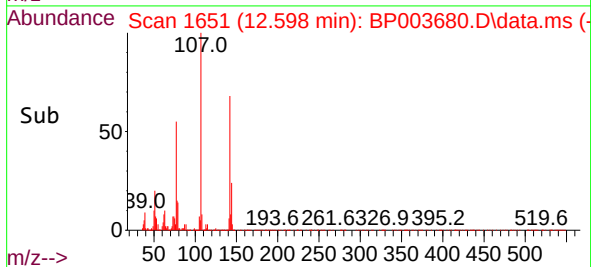
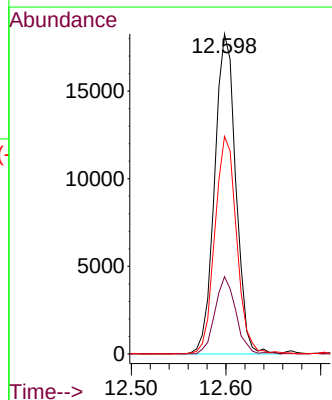
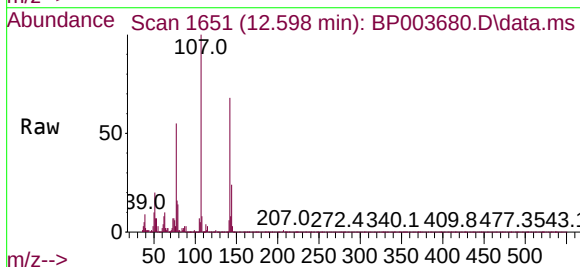
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

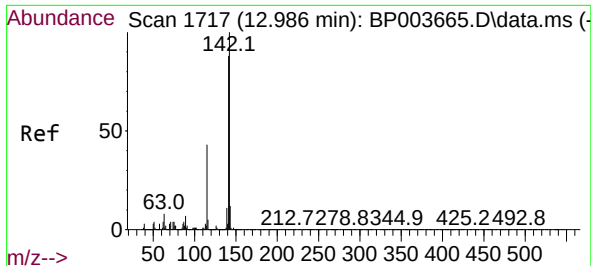
Tgt Ion:113 Resp: 6929  
Ion Ratio Lower Upper  
113 100  
55 134.1 77.3 117.3#  
56 103.4 55.9 95.9#



#36  
4-Chloro-3-methylphenol  
Concen: 3.42 ng  
RT: 12.598 min Scan# 1651  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:107 Resp: 28412  
Ion Ratio Lower Upper  
107 100  
144 24.2 22.7 34.1  
142 68.0 70.7 106.1#

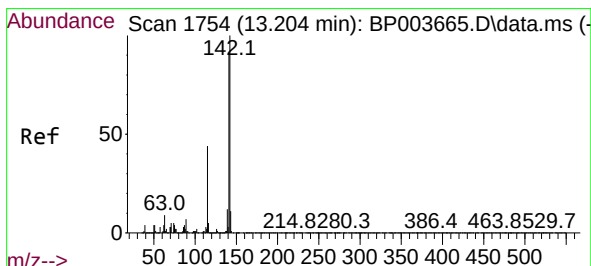
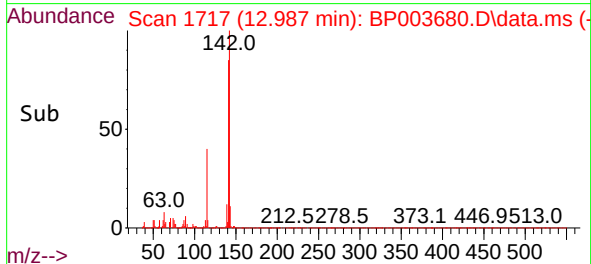
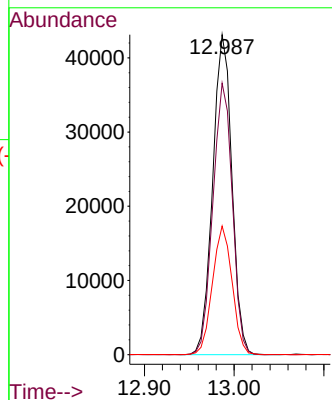
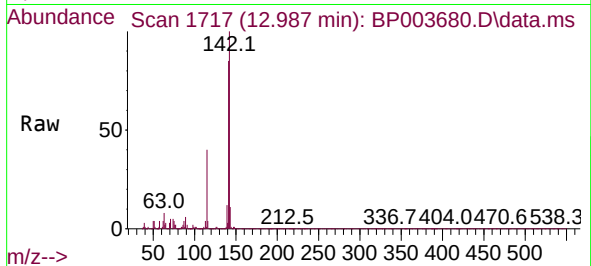




#37  
2-Methylnaphthalene  
Concen: 3.75 ng  
RT: 12.987 min Scan# 1717  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

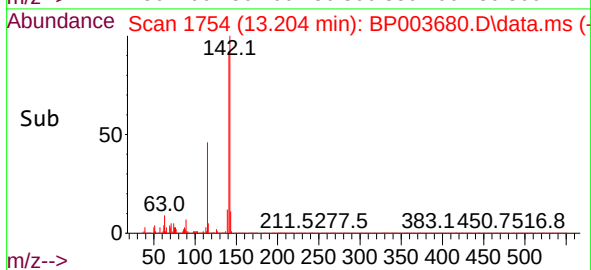
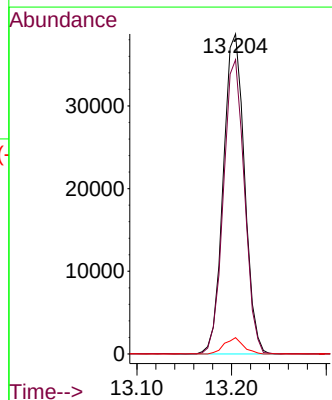
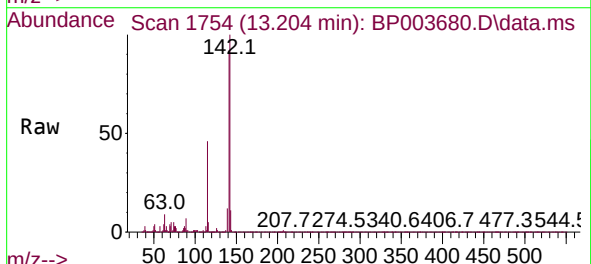
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

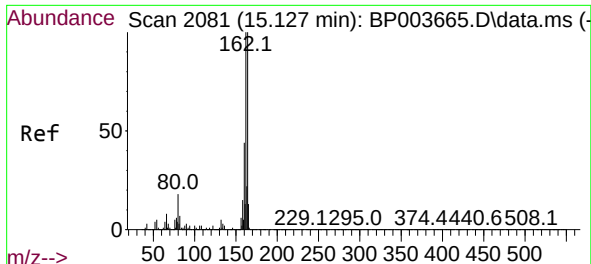
Tgt Ion:142 Resp: 64113  
Ion Ratio Lower Upper  
142 100  
141 84.8 71.4 107.2  
115 40.2 25.8 38.6#



#38  
1-Methylnaphthalene  
Concen: 3.73 ng  
RT: 13.204 min Scan# 1754  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:142 Resp: 60247  
Ion Ratio Lower Upper  
142 100  
141 91.9 74.4 111.6  
116 5.1 2.9 4.3#

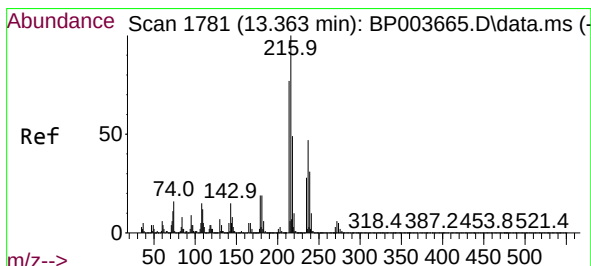
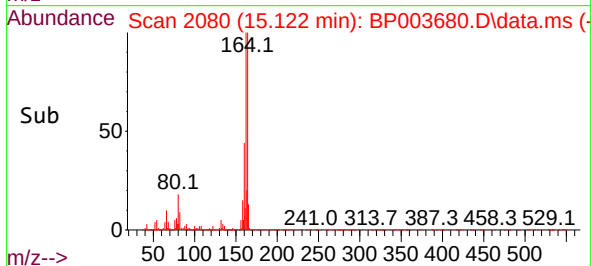
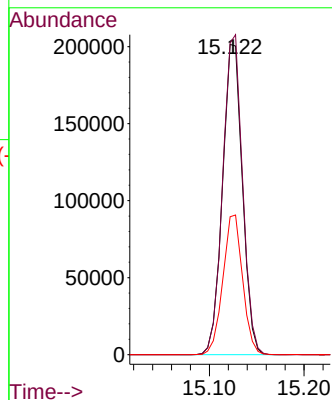
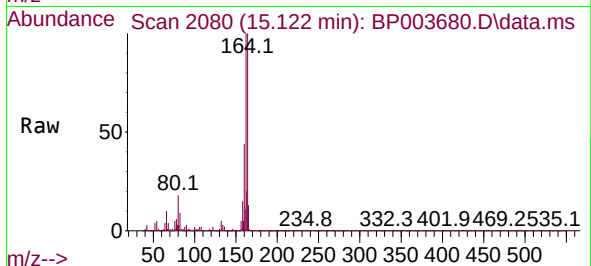




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.122 min Scan# 2080  
Delta R.T. -0.005 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

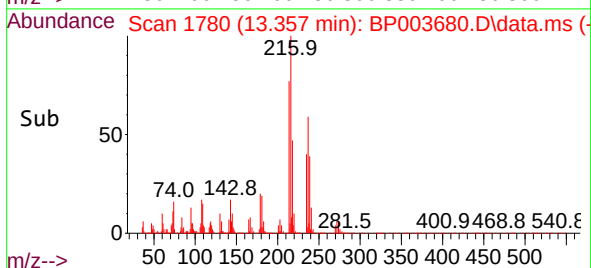
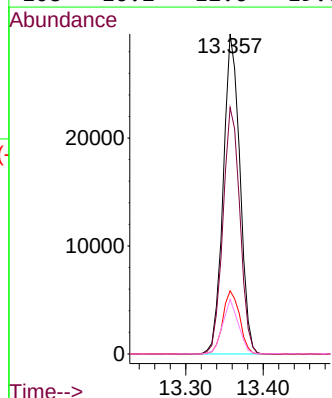
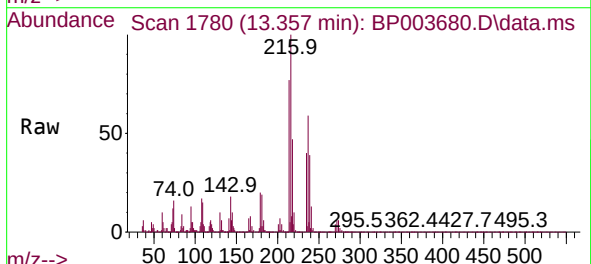
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

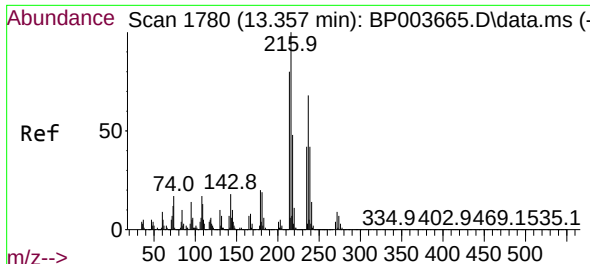
Tgt Ion:164 Resp: 294549  
Ion Ratio Lower Upper  
164 100  
162 100.4 79.4 119.2  
160 44.4 36.1 54.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 3.79 ng  
RT: 13.357 min Scan# 1780  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:216 Resp: 44248  
Ion Ratio Lower Upper  
216 100  
214 78.4 63.0 94.6  
179 19.9 16.9 25.3  
108 16.2 12.6 19.0

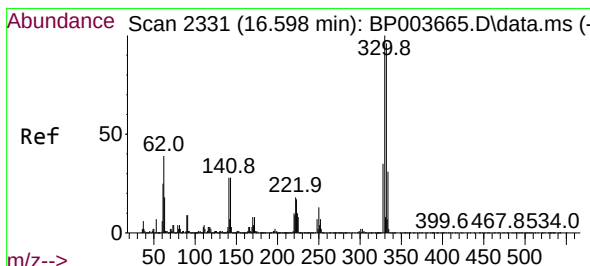
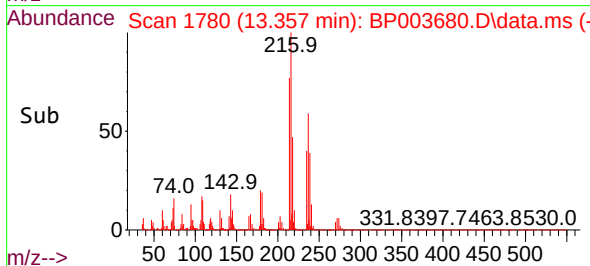
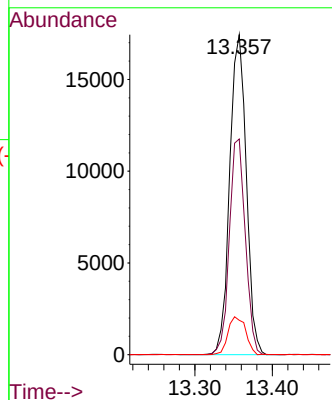
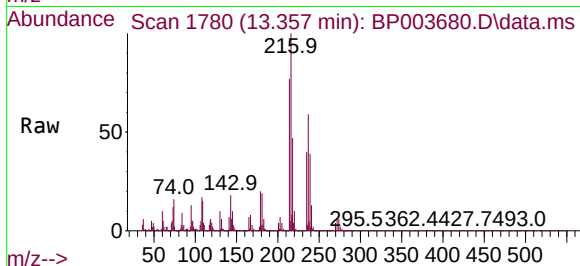




#41  
Hexachlorocyclopentadiene  
Concen: 3.84 ng  
RT: 13.357 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

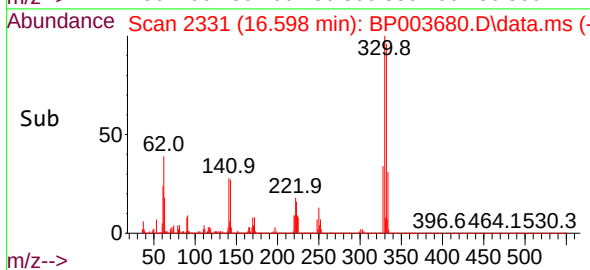
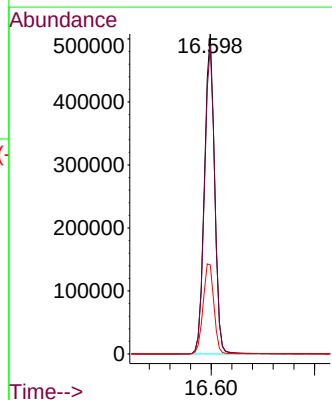
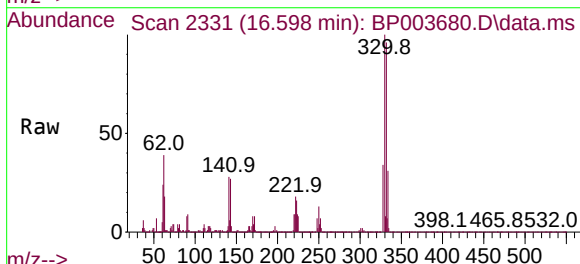
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 25950 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 67.4  | 43.2  | 83.2  |
| 272      | 10.7  | 0.0   | 33.3  |

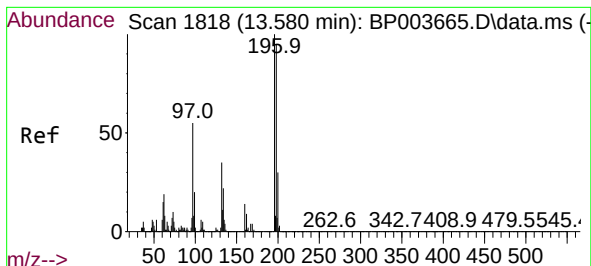


#42  
2,4,6-Tribromophenol  
Concen: 150.38 ng  
RT: 16.598 min Scan# 2331  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 691056 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 97.1  | 77.1  | 115.7  |
| 141      | 30.0  | 23.4  | 35.2   |



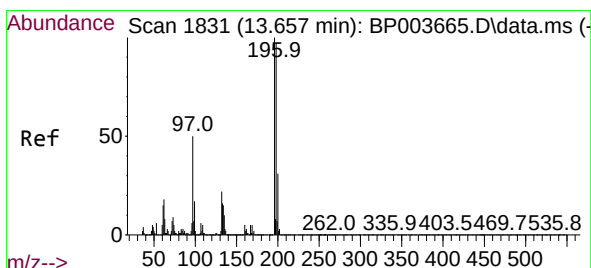
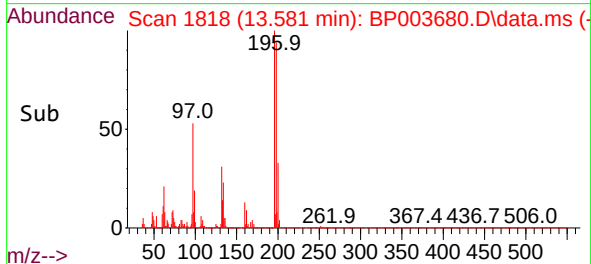
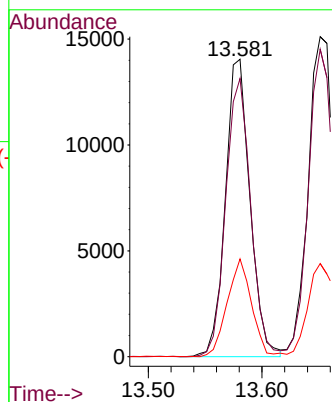
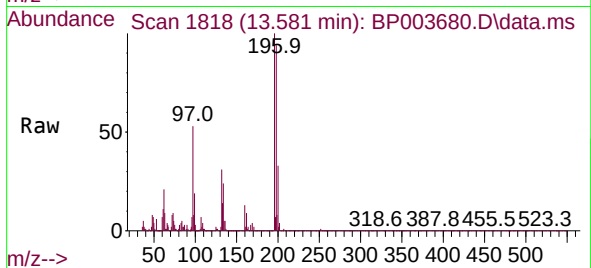




#43  
2,4,6-Trichlorophenol  
Concen: 3.06 ng  
RT: 13.581 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

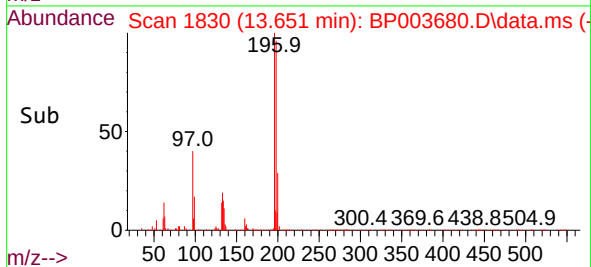
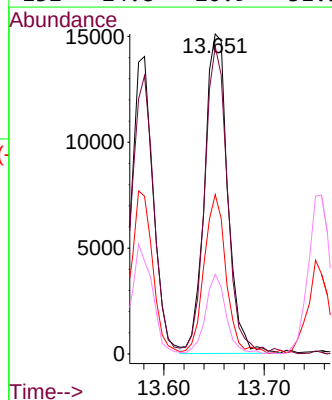
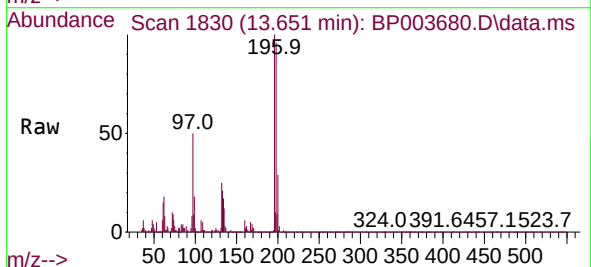
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

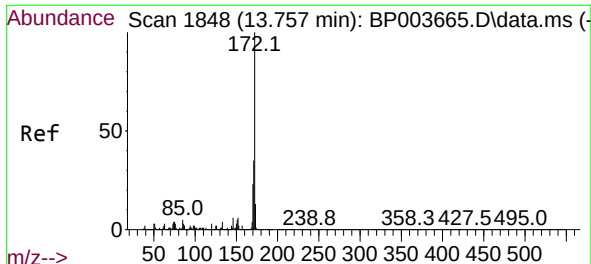
Tgt Ion:196 Resp: 21208  
Ion Ratio Lower Upper  
196 100  
198 93.6 77.0 115.6  
200 32.8 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 3.39 ng  
RT: 13.651 min Scan# 1830  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:196 Resp: 24409  
Ion Ratio Lower Upper  
196 100  
198 96.1 77.3 115.9  
97 49.8 31.0 46.4#  
132 24.8 20.9 31.3

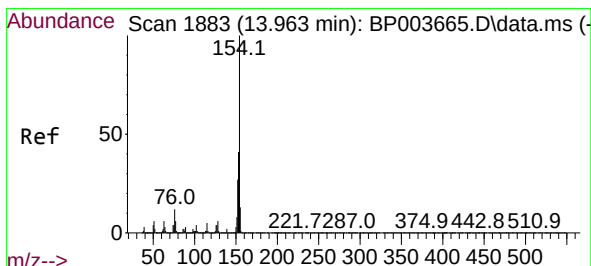
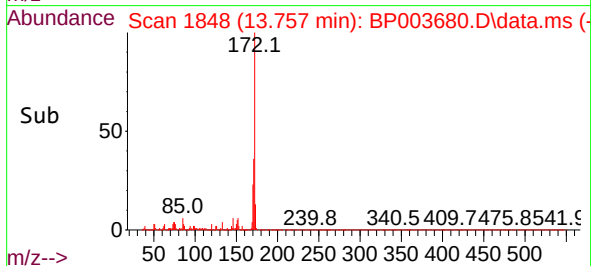
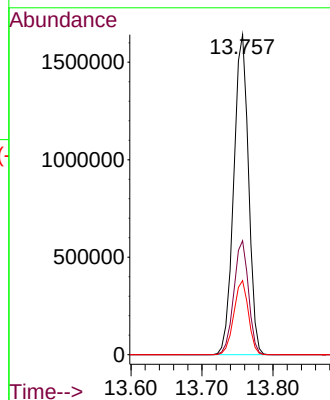
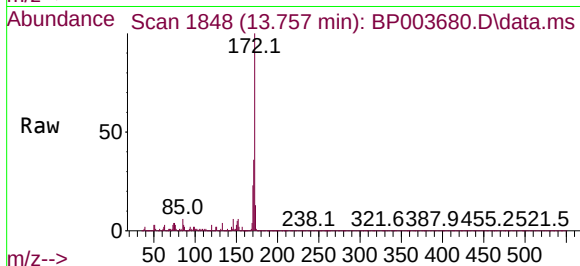




#45  
2-Fluorobiphenyl  
Concen: 104.16 ng  
RT: 13.757 min Scan# 1848  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

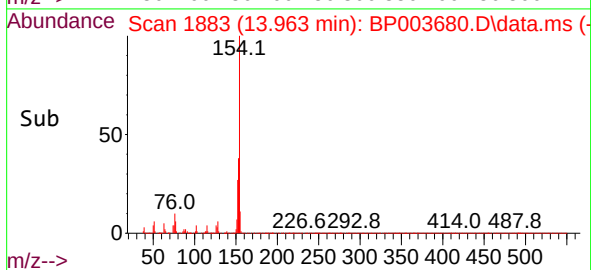
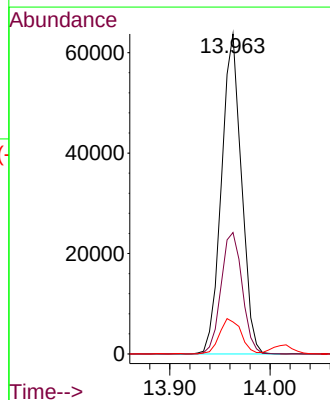
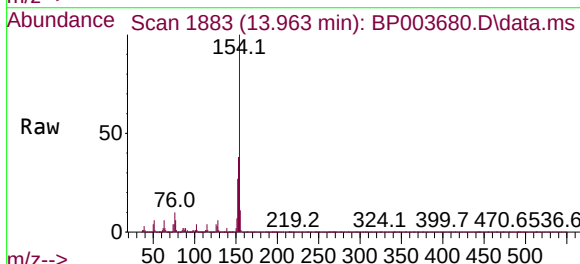
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

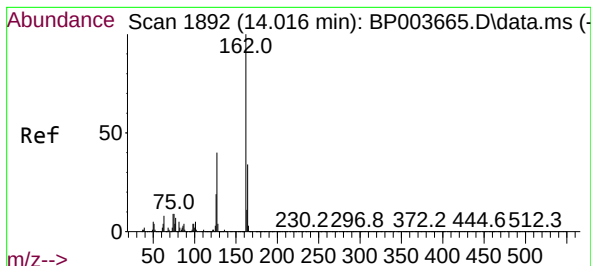
Tgt Ion:172 Resp: 2373198  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.5 42.7  
170 23.2 19.2 28.8



#46  
1,1'-Biphenyl  
Concen: 3.83 ng  
RT: 13.963 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:154 Resp: 87896  
Ion Ratio Lower Upper  
154 100  
153 37.9 20.4 60.4  
76 10.0 0.0 29.3

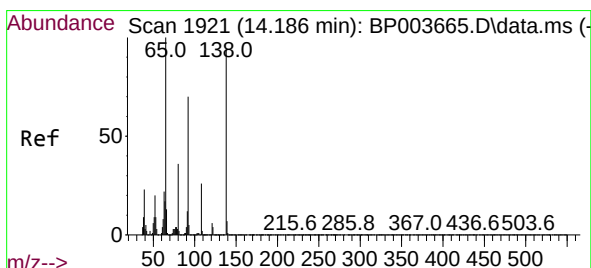
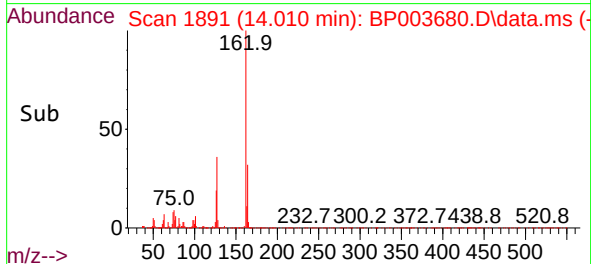
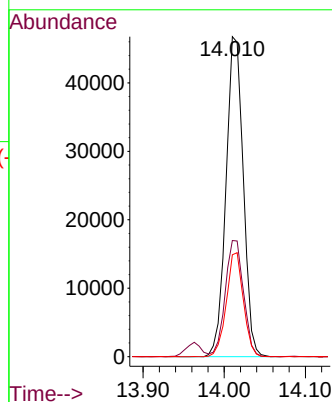
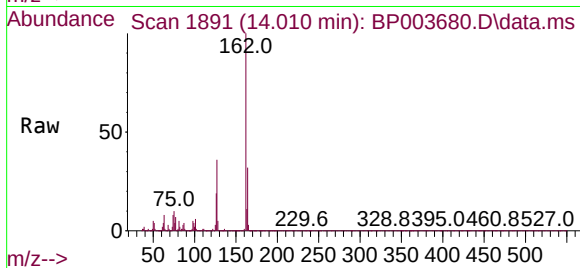




#47  
2-Chloronaphthalene  
Concen: 3.61 ng  
RT: 14.010 min Scan# 1891  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

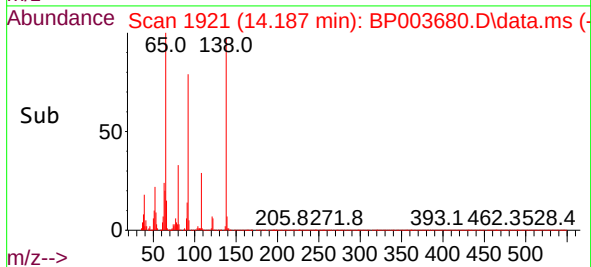
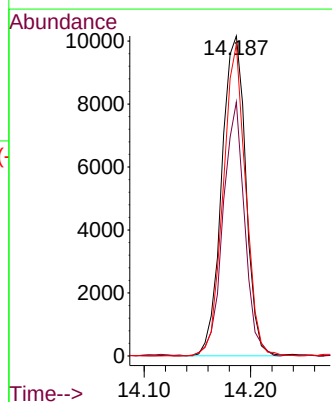
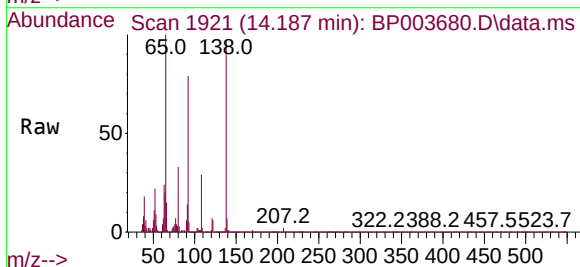
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

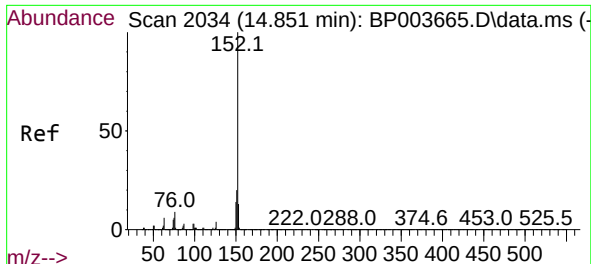
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 69265 |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 127      | 36.3  | 29.9  | 44.9  |
| 164      | 31.9  | 26.1  | 39.1  |



#48  
2-Nitroaniline  
Concen: 2.80 ng  
RT: 14.187 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 15896 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 92       | 79.4  | 70.6  | 106.0 |
| 138      | 97.4  | 133.6 | 200.4 |

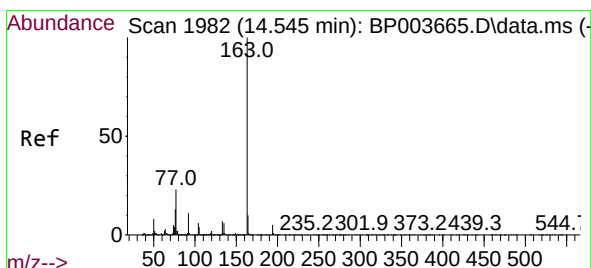
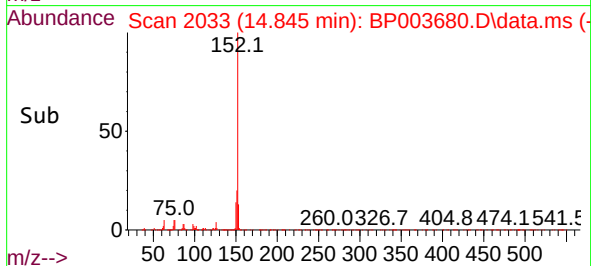
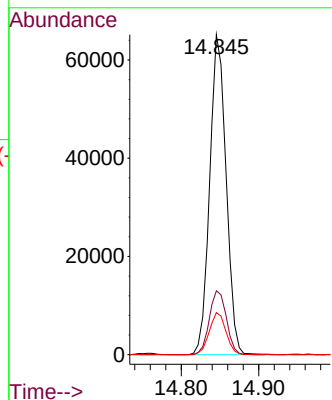
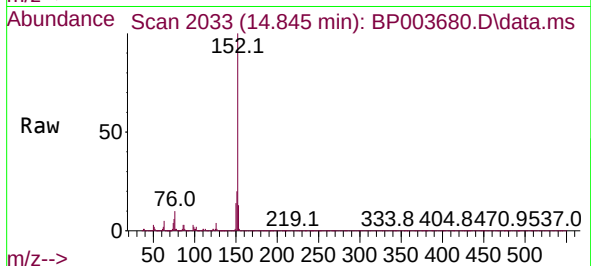




#49  
Acenaphthylene  
Concen: 3.49 ng  
RT: 14.845 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

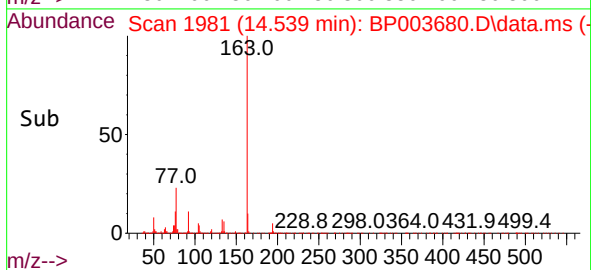
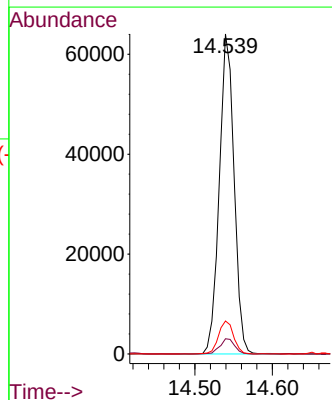
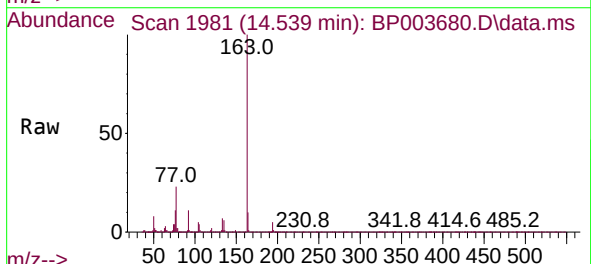
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

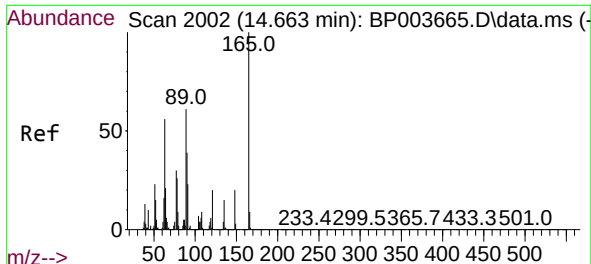
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 95689     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 20.0  | 15.9 23.9 |
| 153         | 13.1  | 10.5 15.7 |



#50  
Dimethylphthalate  
Concen: 3.51 ng  
RT: 14.539 min Scan# 1981  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:163 | Resp: | 84900    |
| Ion Ratio   | Lower | Upper    |
| 163         | 100   |          |
| 194         | 4.8   | 3.3 4.9  |
| 164         | 10.3  | 8.2 12.2 |

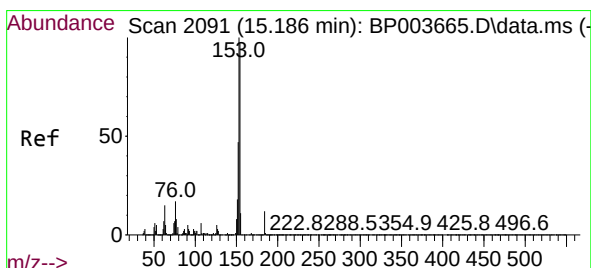
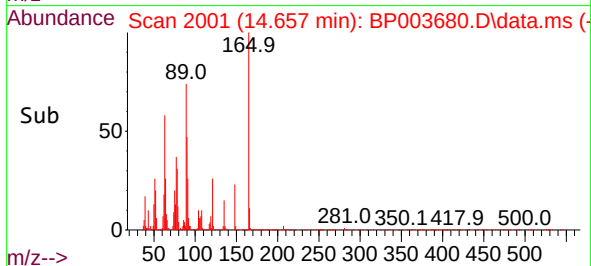
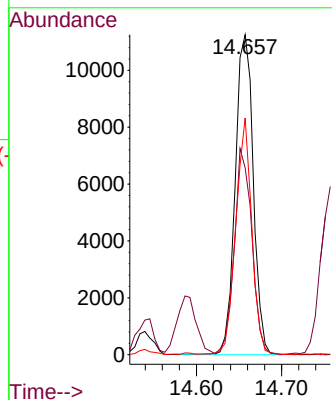
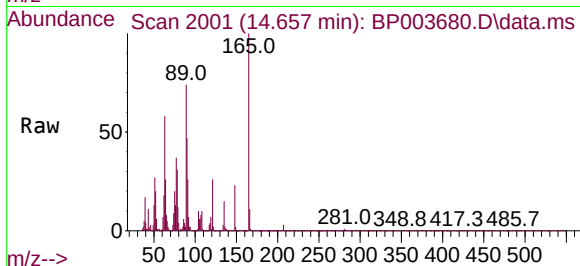




#51  
2,6-Dinitrotoluene  
Concen: 3.35 ng  
RT: 14.657 min Scan# 2001  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

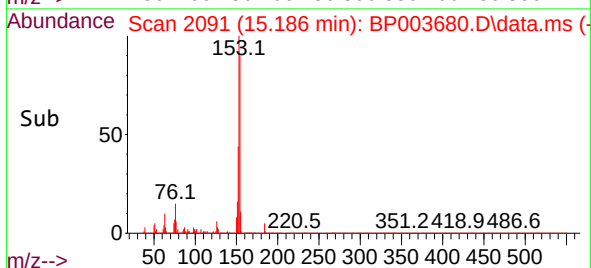
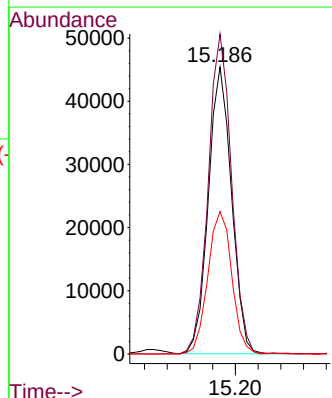
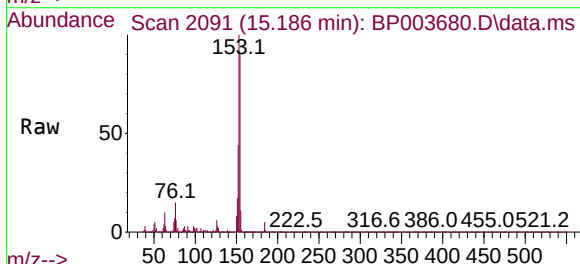
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

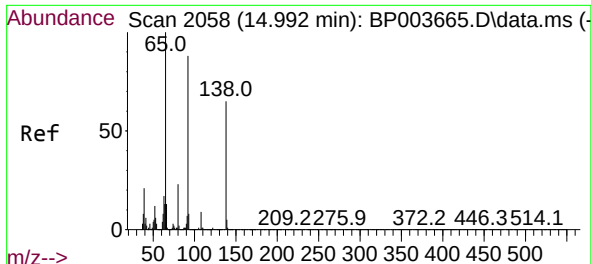
Tgt Ion:165 Resp: 16497  
Ion Ratio Lower Upper  
165 100  
63 58.4 27.8 41.6#  
89 74.0 34.6 52.0#



#52  
Acenaphthene  
Concen: 3.47 ng  
RT: 15.186 min Scan# 2091  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:154 Resp: 64313  
Ion Ratio Lower Upper  
154 100  
153 111.5 91.0 136.6  
152 49.6 43.0 64.6

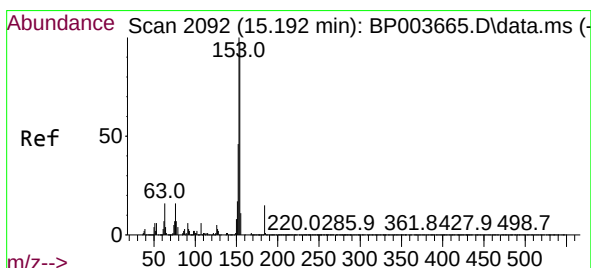
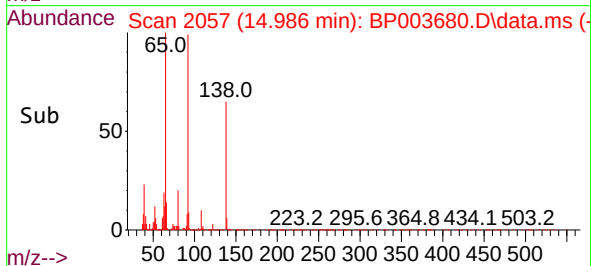
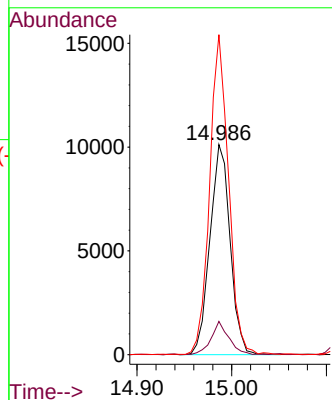
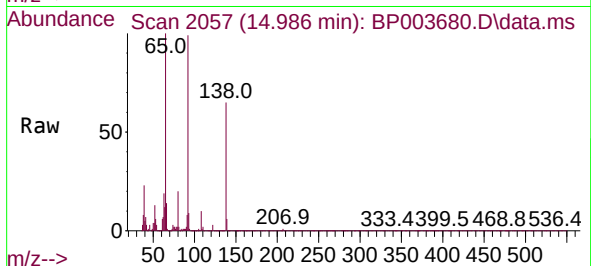




#53  
3-Nitroaniline  
Concen: 3.10 ng  
RT: 14.986 min Scan# 2057  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

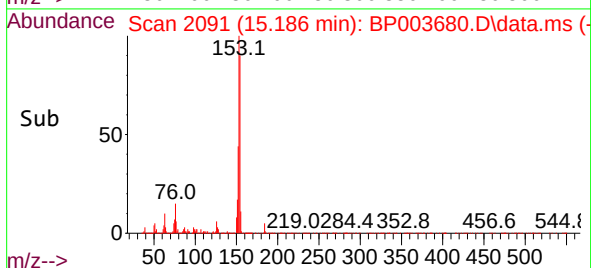
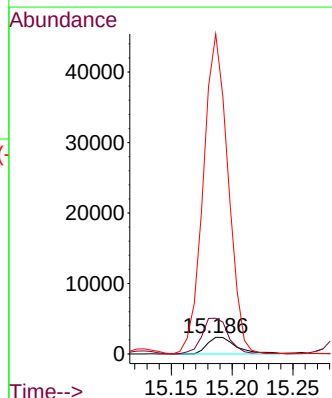
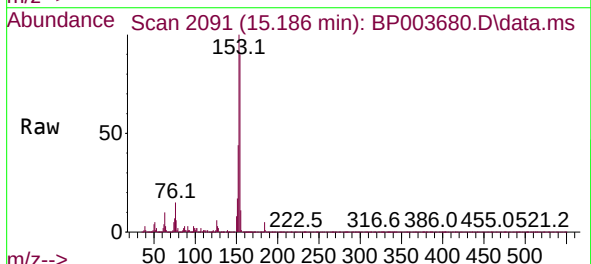
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

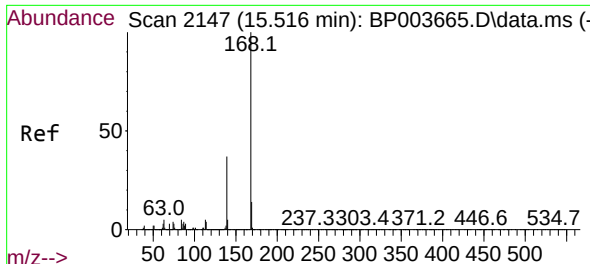
Tgt Ion:138 Resp: 15000  
Ion Ratio Lower Upper  
138 100  
108 15.8 7.5 11.3#  
92 152.3 75.0 112.6#



#54  
2,4-Dinitrophenol  
Concen: 1.75 ng  
RT: 15.186 min Scan# 2091  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:184 Resp: 3938  
Ion Ratio Lower Upper  
184 100  
63 214.3 32.3 48.5#  
154 1925.7 49.1 73.7#

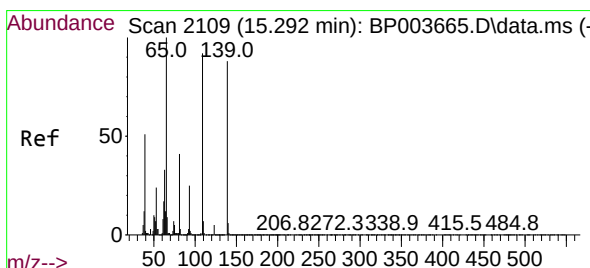
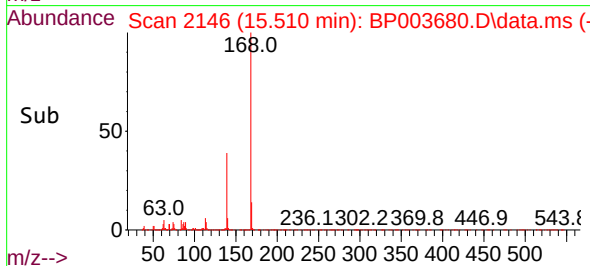
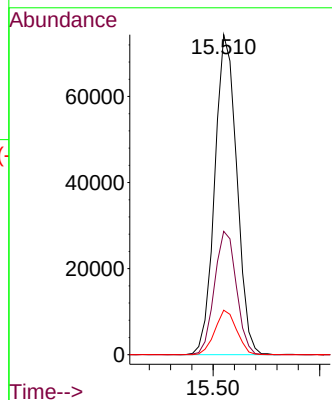
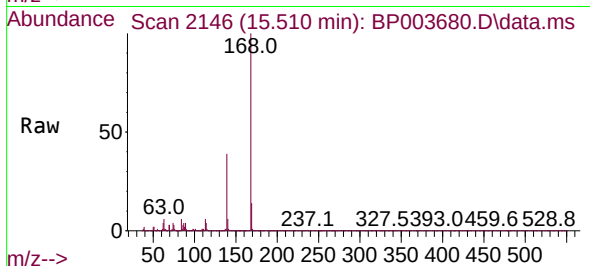




#55  
Dibenzofuran  
Concen: 3.82 ng  
RT: 15.510 min Scan# 2146  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

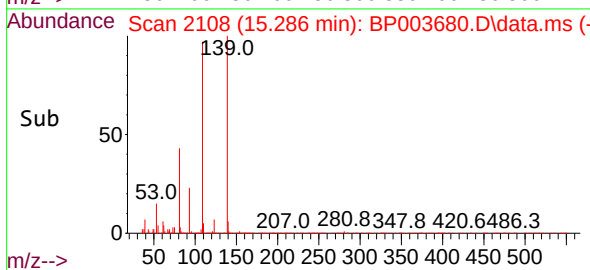
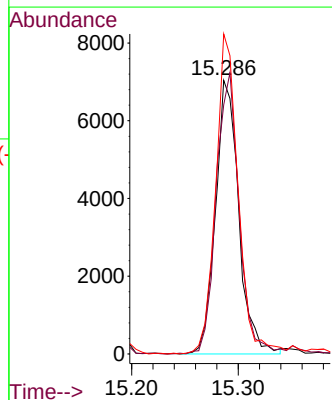
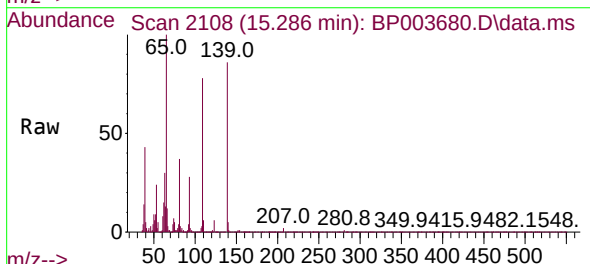
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

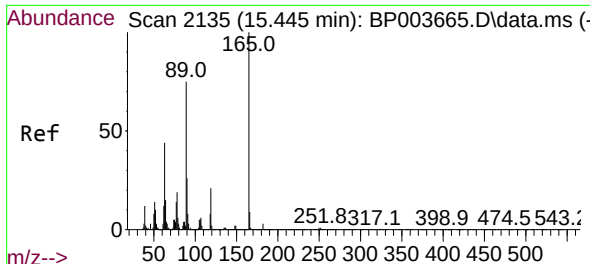
Tgt Ion:168 Resp: 106773  
Ion Ratio Lower Upper  
168 100  
139 38.5 29.1 43.7  
169 13.9 10.4 15.6



#56  
4-Nitrophenol  
Concen: 2.95 ng  
RT: 15.286 min Scan# 2108  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:139 Resp: 10667  
Ion Ratio Lower Upper  
139 100  
109 91.0 44.6 84.6#  
65 116.9 41.6 81.6#

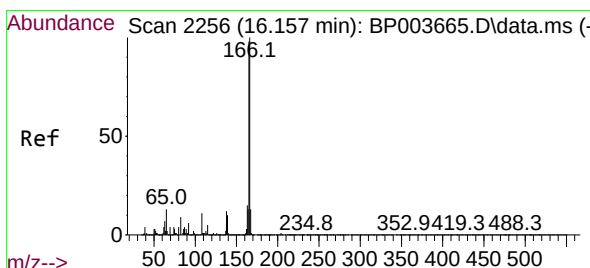
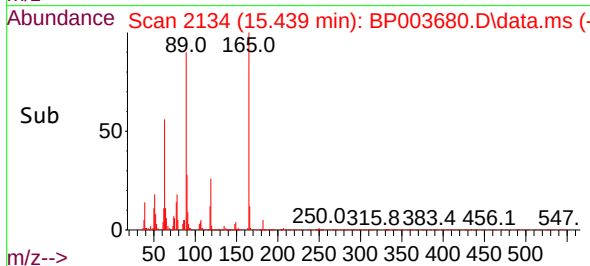
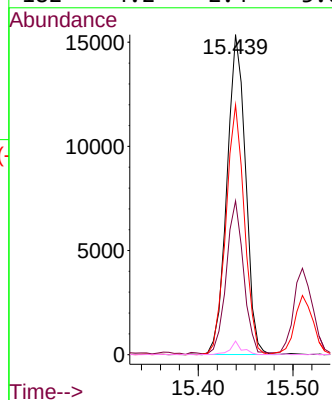
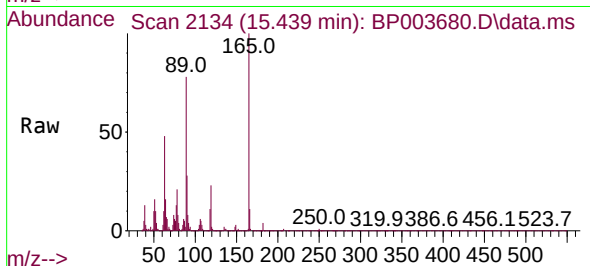




#57  
2,4-Dinitrotoluene  
Concen: 3.15 ng  
RT: 15.439 min Scan# 2134  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

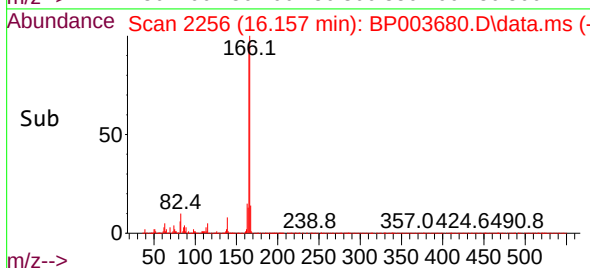
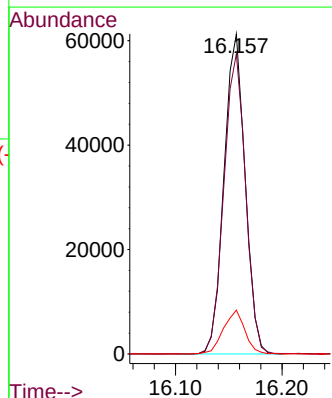
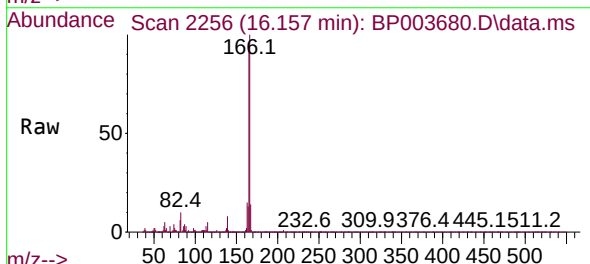
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 20955 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 48.1  | 20.6  | 31.0# |
| 89        | 78.0  | 42.6  | 63.8# |
| 182       | 4.2   | 2.4   | 3.6#  |

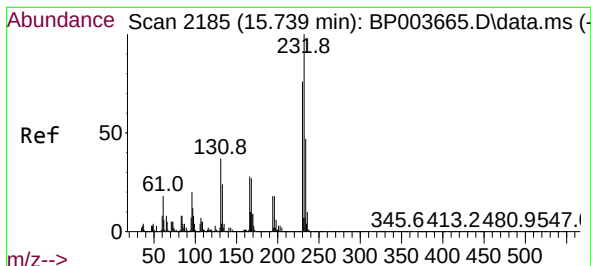


#58  
Fluorene  
Concen: 3.73 ng  
RT: 16.157 min Scan# 2256  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 84115 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 93.8  | 77.8  | 116.8 |
| 167       | 13.7  | 11.0  | 16.4  |



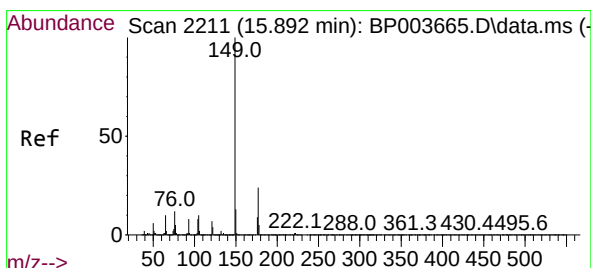
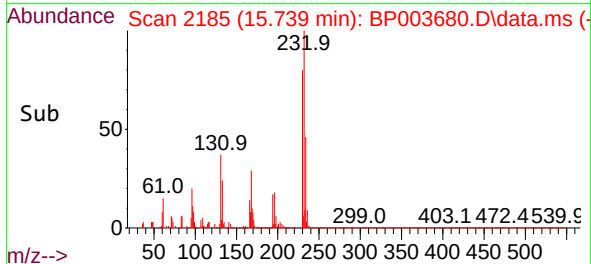
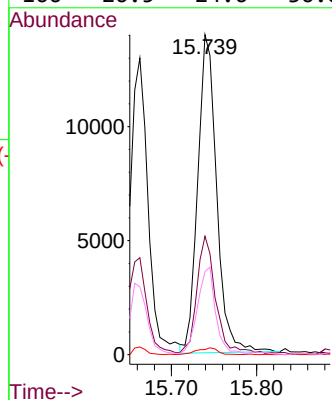
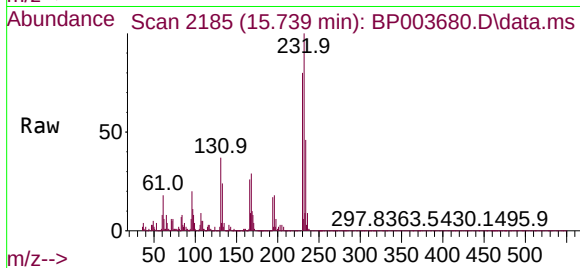




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.11 ng  
RT: 15.739 min Scan# 2185  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

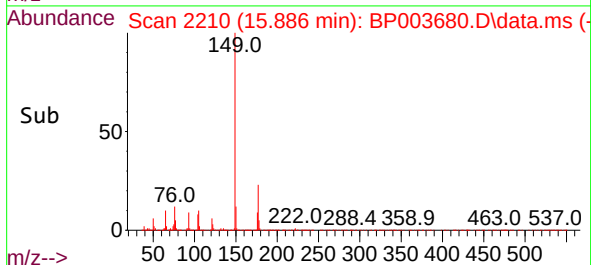
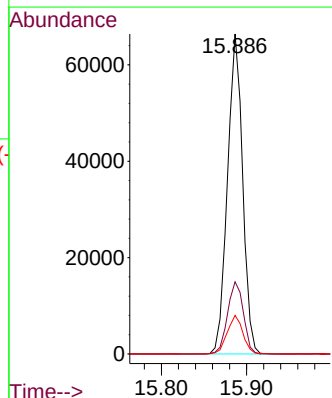
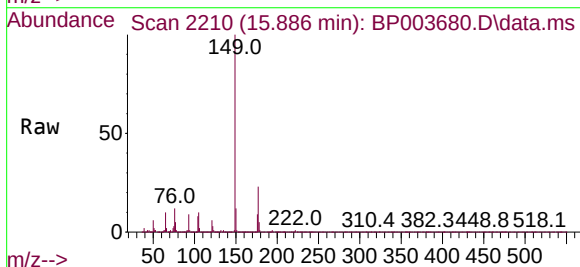
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

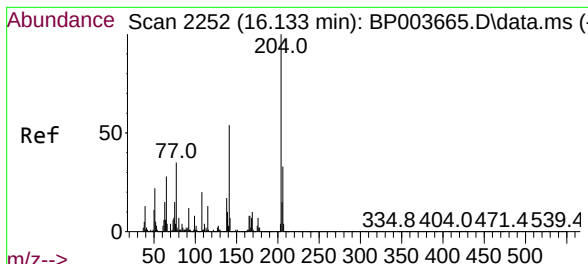
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 21484     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 36.3  | 34.1 51.1 |
| 130         | 2.3   | 1.8 2.8   |
| 166         | 26.5  | 24.6 36.8 |



#60  
Diethylphthalate  
Concen: 3.47 ng  
RT: 15.886 min Scan# 2210  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 82230     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 22.5  | 18.0 27.0 |
| 150         | 12.1  | 10.0 15.0 |

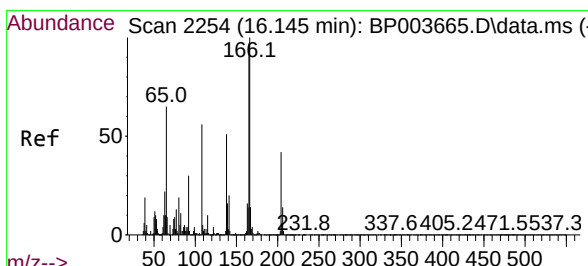
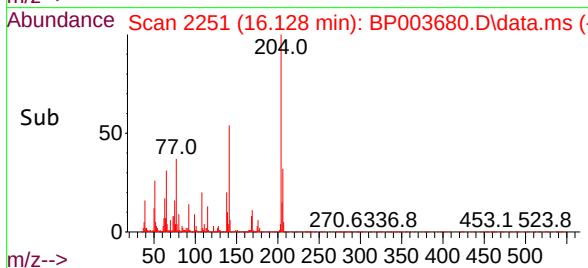
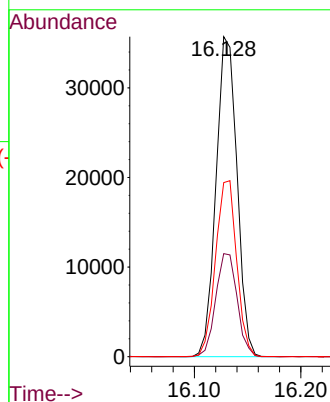
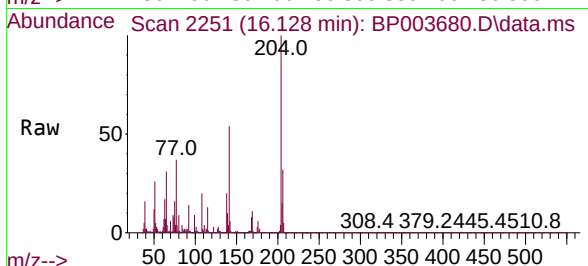




#61  
4-Chlorophenyl-phenylether  
Concen: 3.58 ng  
RT: 16.128 min Scan# 2251  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

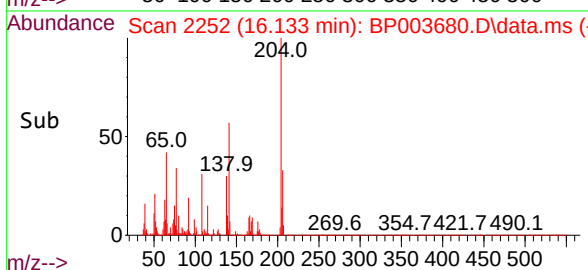
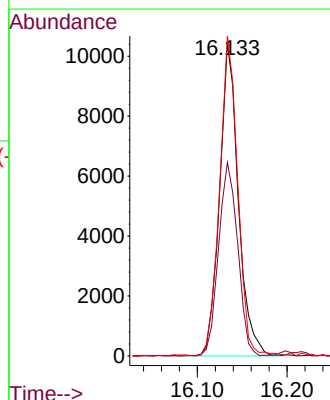
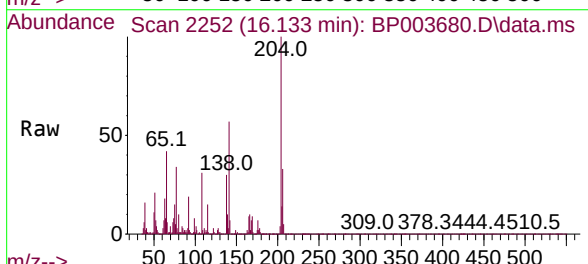
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

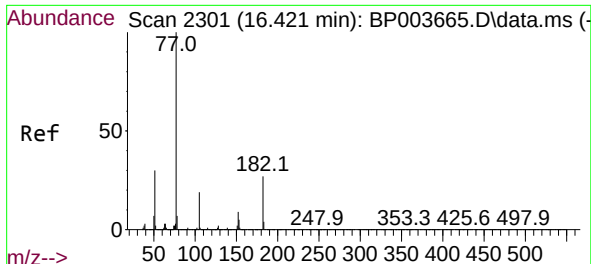
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 204   | Resp: | 48847 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 32.2  | 25.9  | 38.9  |
| 141       | 54.4  | 46.5  | 69.7  |



#62  
4-Nitroaniline  
Concen: 2.82 ng  
RT: 16.133 min Scan# 2252  
Delta R.T. -0.012 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 15128 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 62.0  | 20.7  | 60.7# |
| 108       | 102.4 | 47.8  | 87.8# |

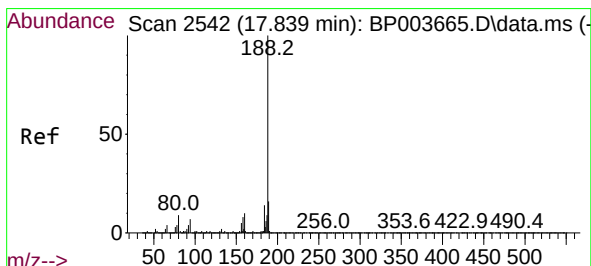
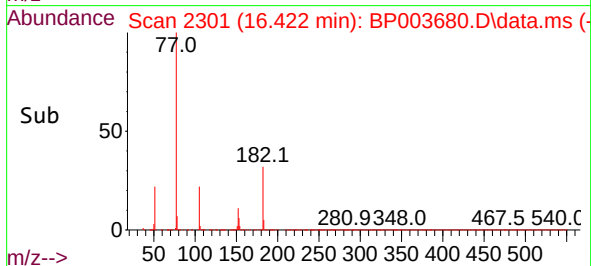
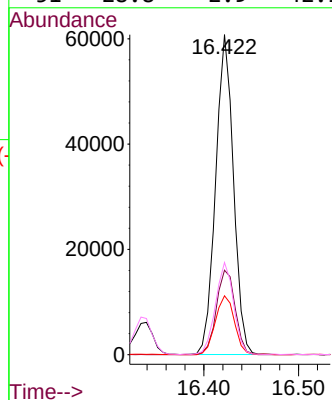
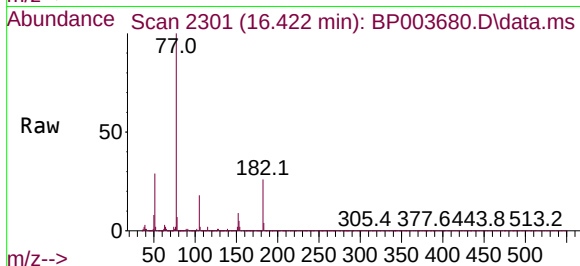




#63  
Azobenzene  
Concen: 3.56 ng  
RT: 16.422 min Scan# 2301  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

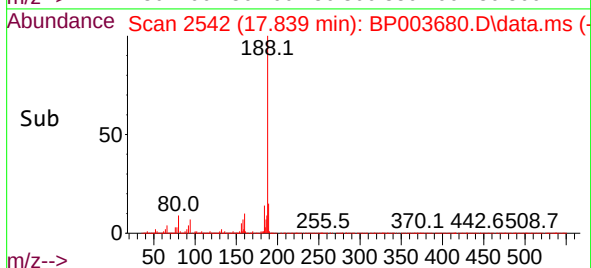
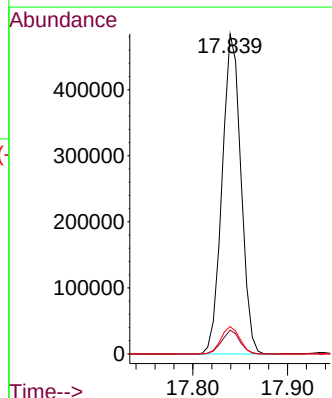
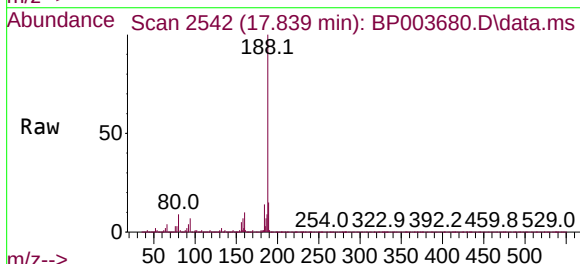
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

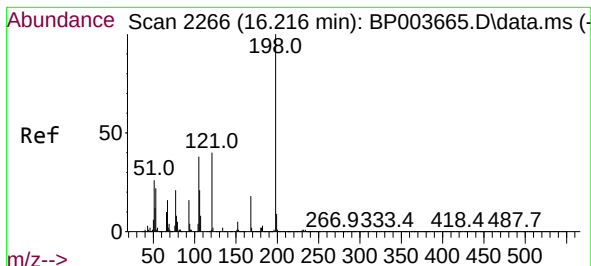
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 79364 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 26.4    | 16.9 56.9   |
| 105 18.4    | 5.6 45.6    |
| 51 28.8     | 2.9 42.9    |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.839 min Scan# 2542  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 669299 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 7.5       | 6.2 9.2      |
| 80 8.6       | 6.2 9.2      |

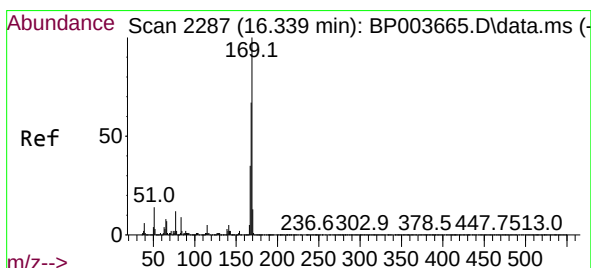
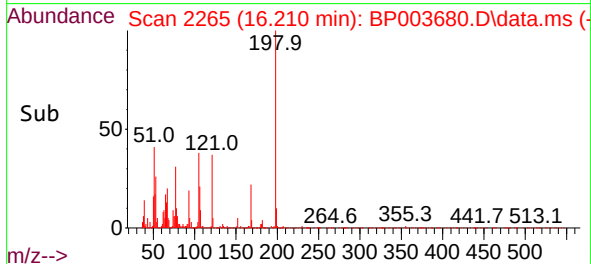
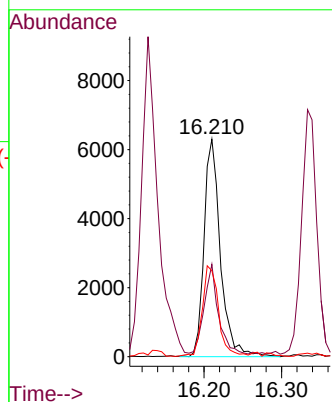
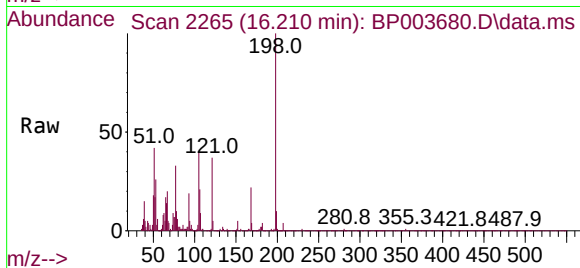




#65  
4,6-Dinitro-2-methylphenol  
Concen: 2.62 ng  
RT: 16.210 min Scan# 2265  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

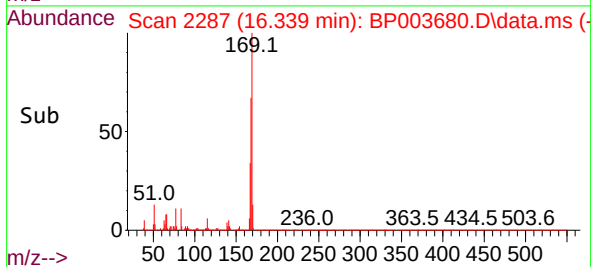
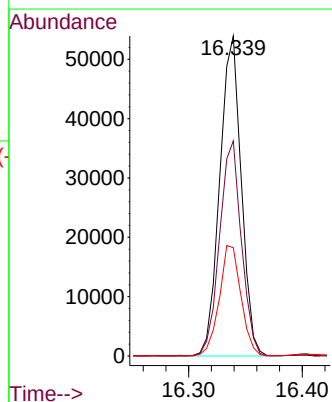
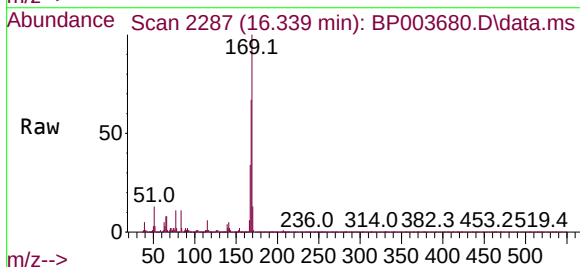
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

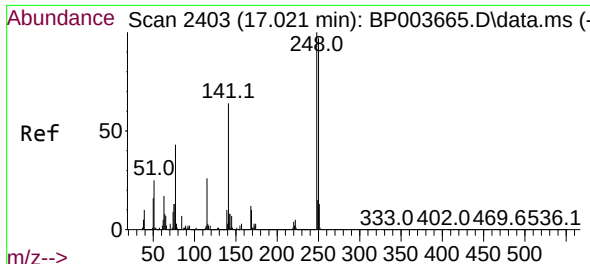
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:198 | Resp: | 9241      |
| Ion Ratio   | Lower | Upper     |
| 198         | 100   |           |
| 51          | 42.5  | 6.4 46.4  |
| 105         | 39.5  | 18.9 58.9 |



#66  
n-Nitrosodiphenylamine  
Concen: 3.56 ng  
RT: 16.339 min Scan# 2287  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:169 | Resp: | 70913     |
| Ion Ratio   | Lower | Upper     |
| 169         | 100   |           |
| 168         | 67.2  | 53.8 80.6 |
| 167         | 33.9  | 28.9 43.3 |

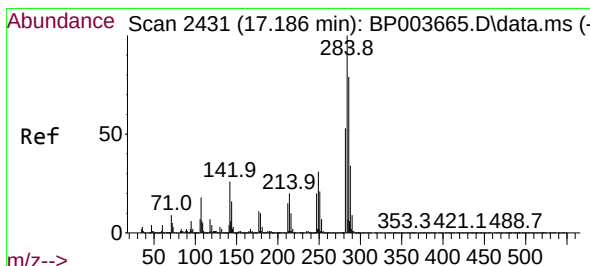
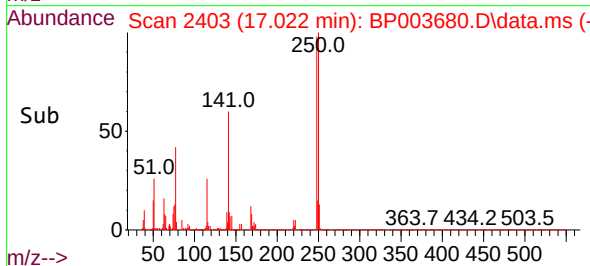
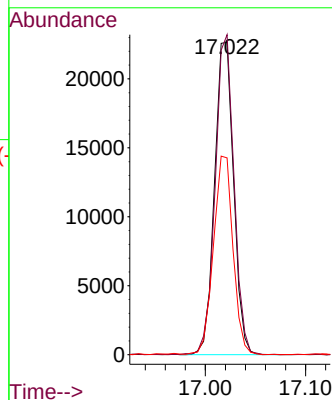
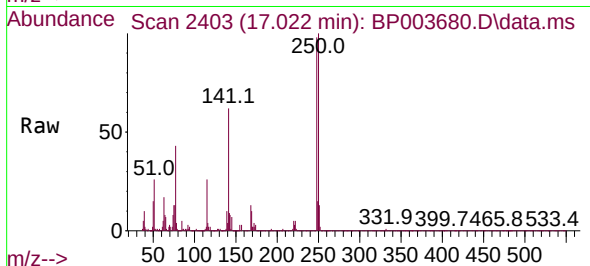




#67  
4-Bromophenyl-phenylether  
Concen: 3.33 ng  
RT: 17.022 min Scan# 2403  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

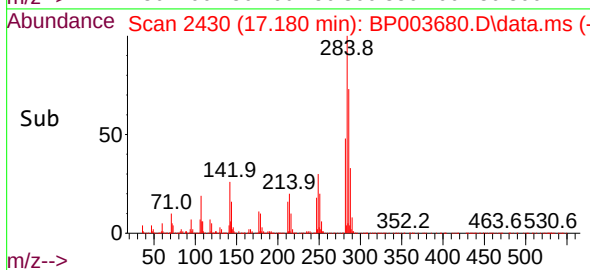
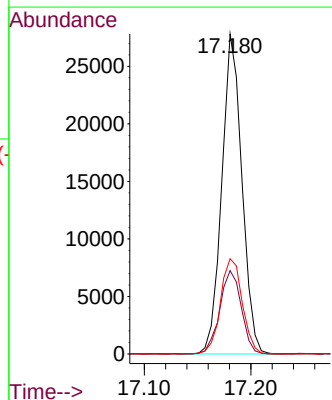
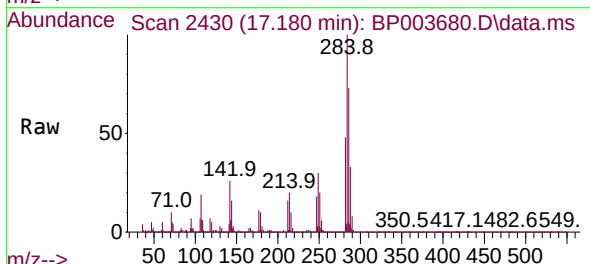
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

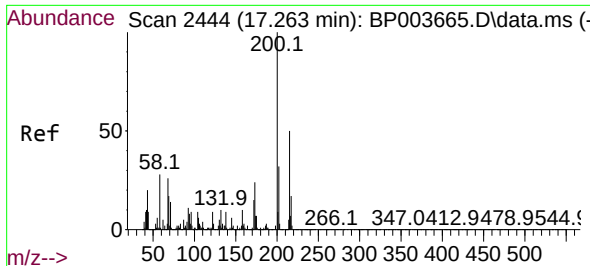
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:248 | Resp: | 29880      |
| Ion Ratio   | Lower | Upper      |
| 248         | 100   |            |
| 250         | 102.4 | 76.7 115.1 |
| 141         | 63.0  | 53.0 79.6  |



#68  
Hexachlorobenzene  
Concen: 3.53 ng  
RT: 17.180 min Scan# 2430  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:284 | Resp: | 36409     |
| Ion Ratio   | Lower | Upper     |
| 284         | 100   |           |
| 142         | 26.0  | 24.2 36.4 |
| 249         | 29.8  | 23.8 35.8 |

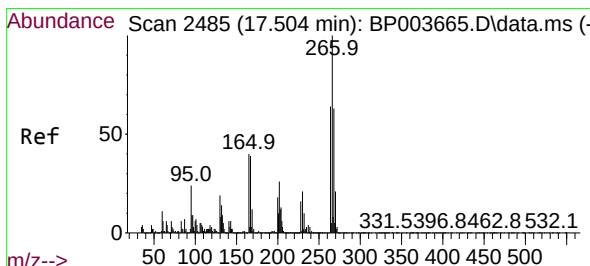
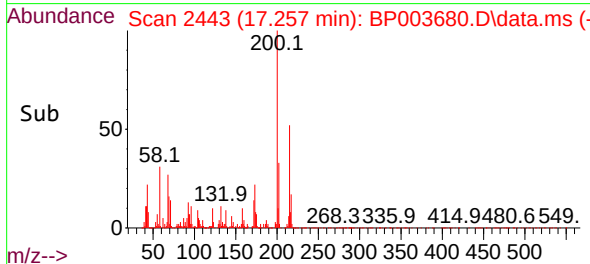
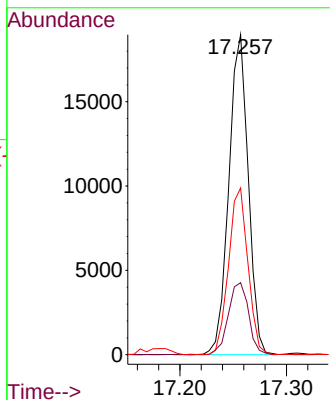
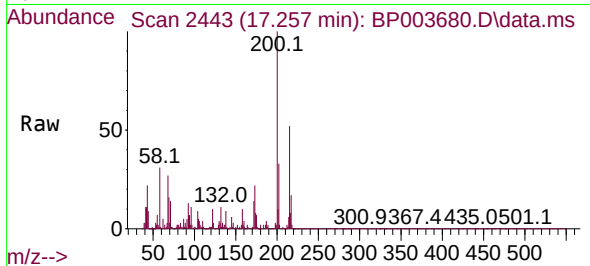




#69  
Atrazine  
Concen: 3.09 ng  
RT: 17.257 min Scan# 2443  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

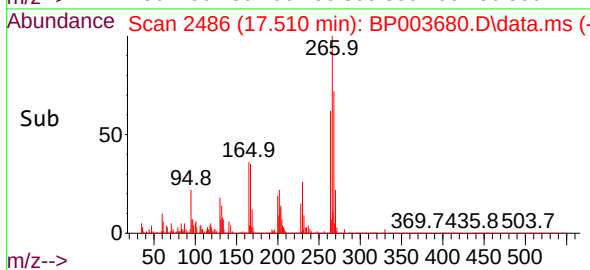
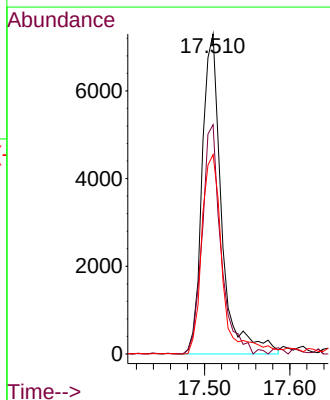
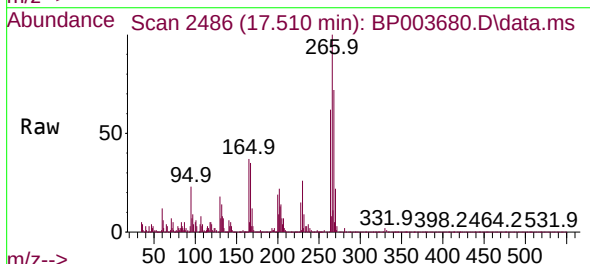
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

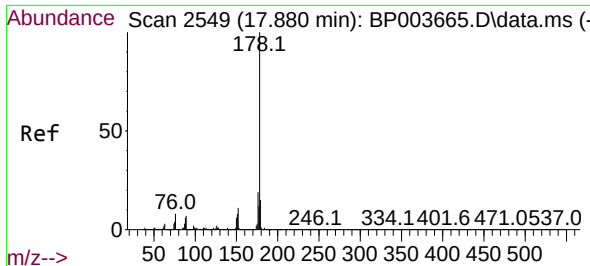
Tgt Ion:200 Resp: 24035  
Ion Ratio Lower Upper  
200 100  
173 22.5 5.9 45.9  
215 52.1 28.4 68.4



#70  
Pentachlorophenol  
Concen: 2.28 ng  
RT: 17.510 min Scan# 2486  
Delta R.T. 0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:266 Resp: 11588  
Ion Ratio Lower Upper  
266 100  
268 71.6 51.1 76.7  
264 62.3 50.6 76.0

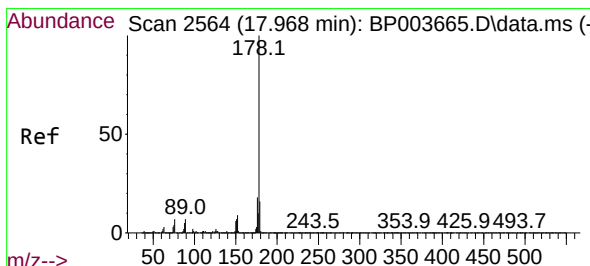
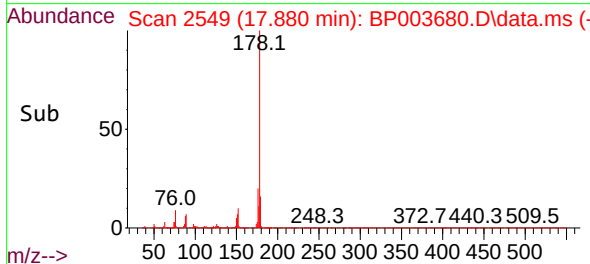
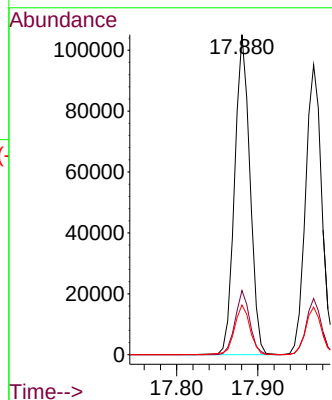
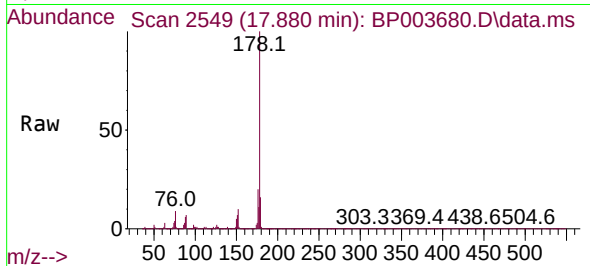




#71  
Phenanthrene  
Concen: 3.68 ng  
RT: 17.880 min Scan# 2549  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

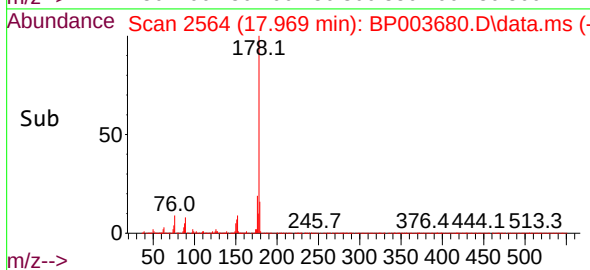
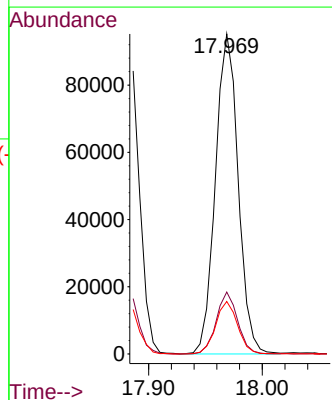
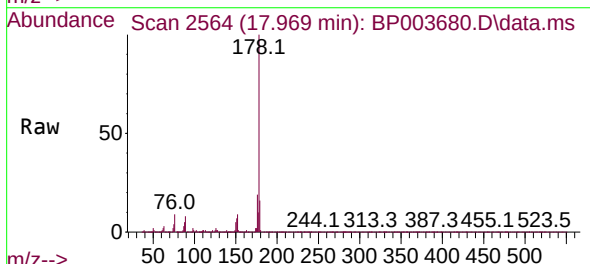
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

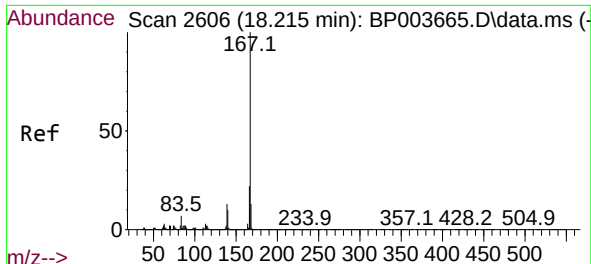
Tgt Ion:178 Resp: 137056  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.3 22.9  
179 15.5 12.5 18.7



#72  
Anthracene  
Concen: 3.69 ng  
RT: 17.969 min Scan# 2564  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:178 Resp: 132613  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.0 22.4  
179 16.4 12.5 18.7

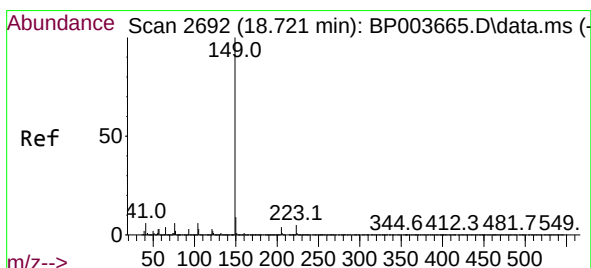
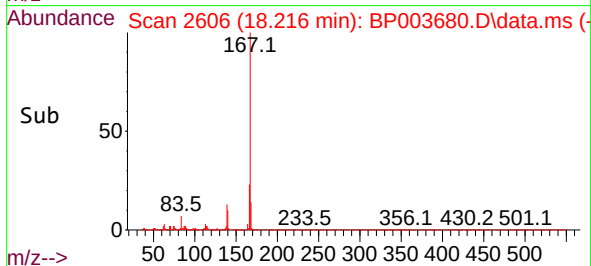
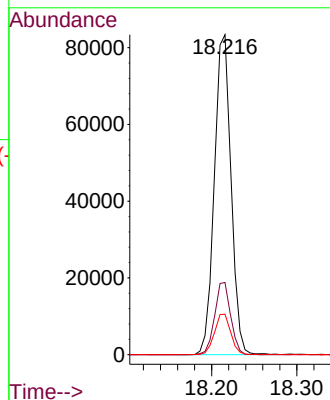
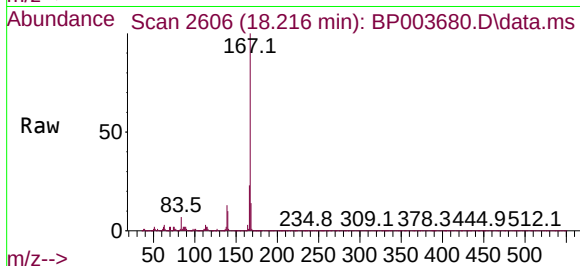




#73  
 Carbazole  
 Concen: 3.55 ng  
 RT: 18.216 min Scan# 2606  
 Delta R.T. 0.000 min  
 Lab File: BP003680.D  
 Acq: 20 Oct 2020 16:23

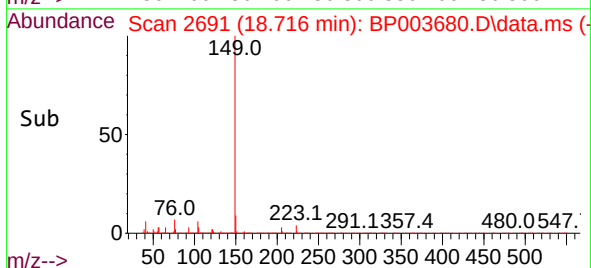
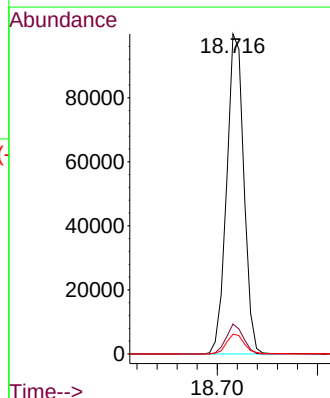
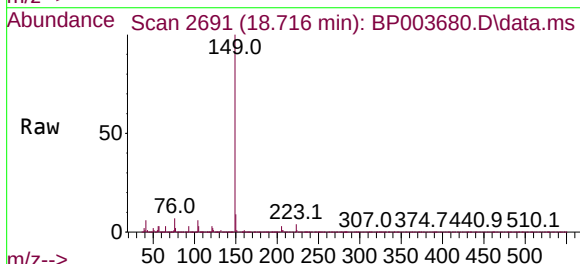
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 167   | Resp: | 113489 |
| Ion      | Ratio | Lower | Upper  |
| 167      | 100   |       |        |
| 166      | 22.6  | 17.6  | 26.4   |
| 139      | 12.6  | 10.2  | 15.4   |

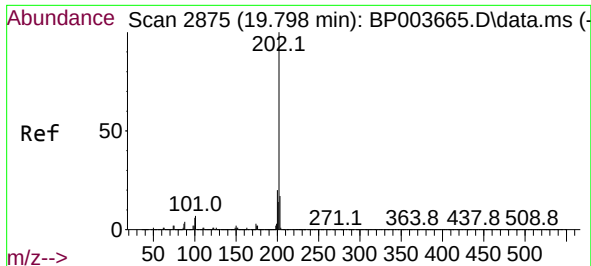


#74  
 Di-n-butylphthalate  
 Concen: 3.04 ng  
 RT: 18.716 min Scan# 2691  
 Delta R.T. -0.006 min  
 Lab File: BP003680.D  
 Acq: 20 Oct 2020 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 118608 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 150      | 9.3   | 7.3   | 10.9   |
| 104      | 6.2   | 3.4   | 5.0    |



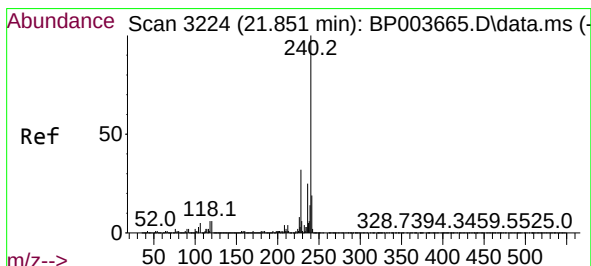
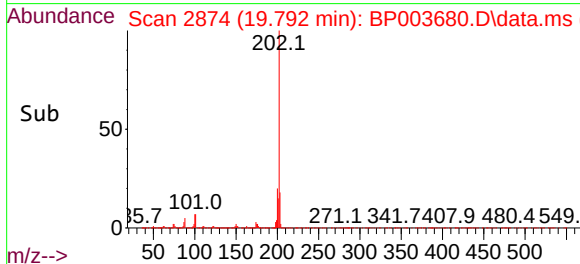
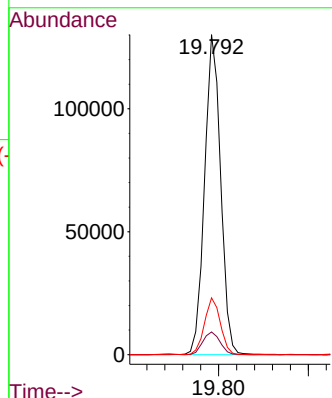
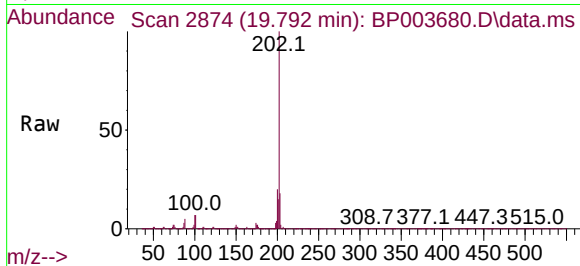




#75  
Fluoranthene  
Concen: 3.53 ng  
RT: 19.792 min Scan# 2874  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

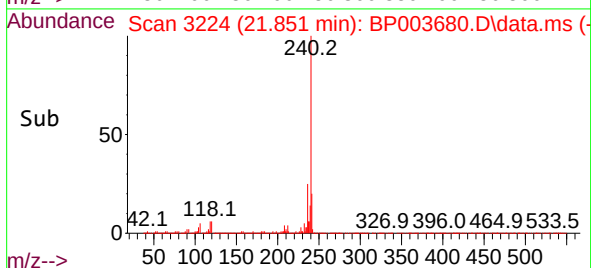
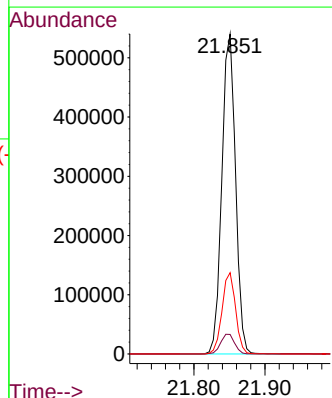
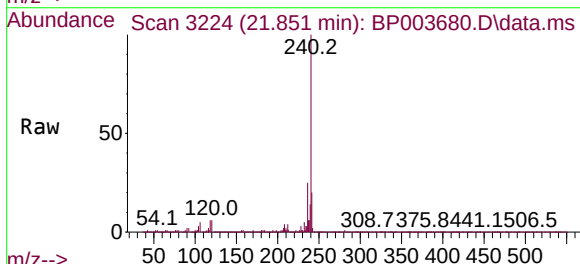
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

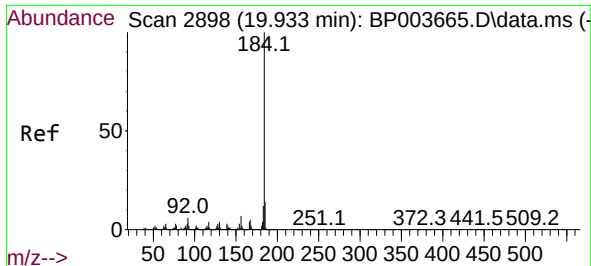
Tgt Ion:202 Resp: 161346  
Ion Ratio Lower Upper  
202 100  
101 7.1 0.0 29.4  
203 17.8 0.0 37.8



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.851 min Scan# 3224  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:240 Resp: 718880  
Ion Ratio Lower Upper  
240 100  
120 6.1 7.8 11.6#  
236 25.4 20.8 31.2

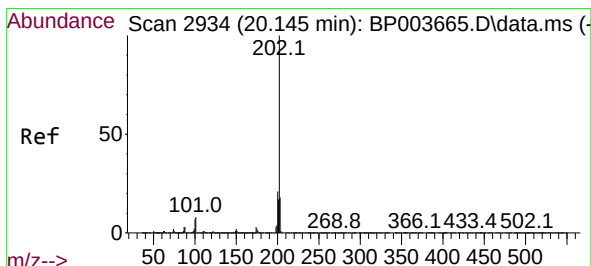
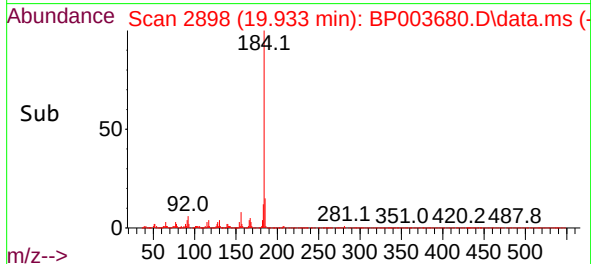
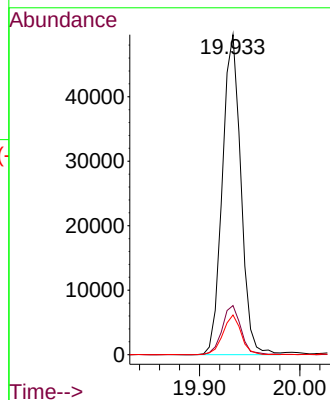
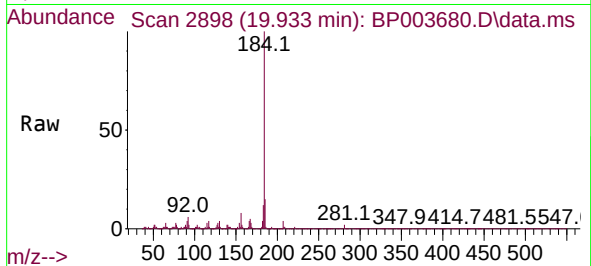




#77  
Benzidine  
Concen: 3.69 ng  
RT: 19.933 min Scan# 2898  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

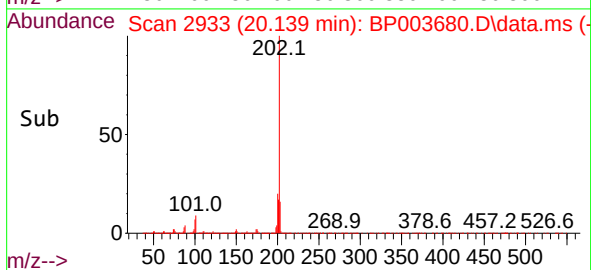
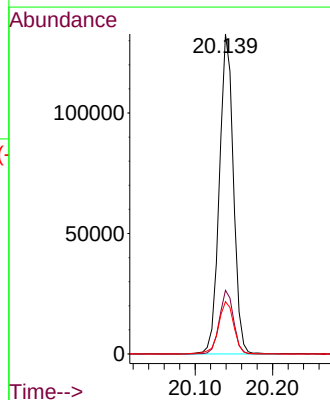
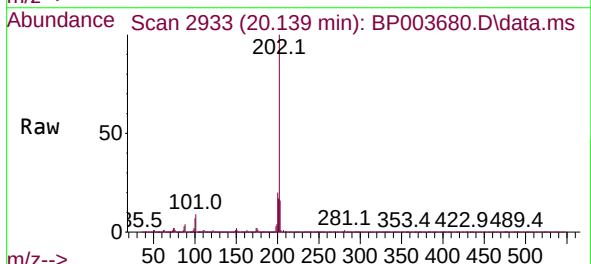
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

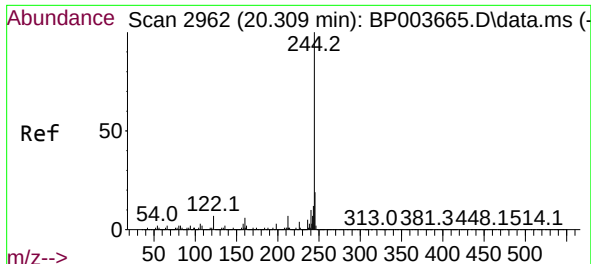
|             |                |
|-------------|----------------|
| Tgt Ion:184 | Resp: 63577    |
| Ion Ratio   | Lower Upper    |
| 184         | 100            |
| 185         | 15.4 11.5 17.3 |
| 183         | 12.4 9.6 14.4  |



#78  
Pyrene  
Concen: 3.48 ng  
RT: 20.139 min Scan# 2933  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|             |                |
|-------------|----------------|
| Tgt Ion:202 | Resp: 167795   |
| Ion Ratio   | Lower Upper    |
| 202         | 100            |
| 200         | 19.9 17.1 25.7 |
| 203         | 16.3 14.2 21.2 |

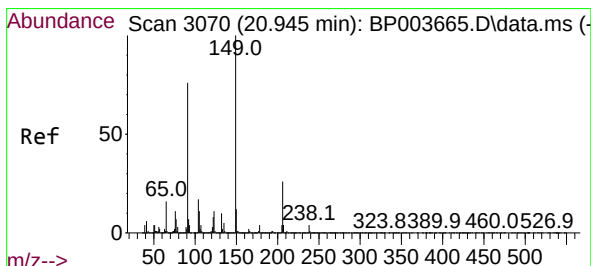
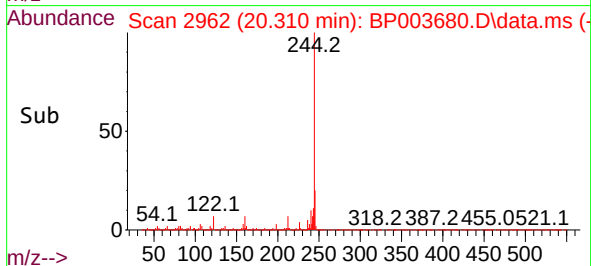
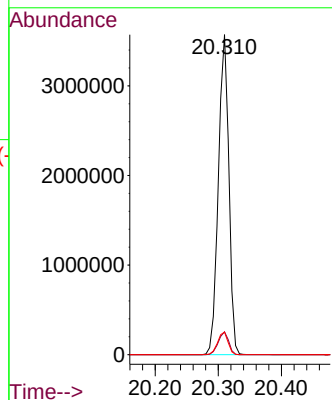
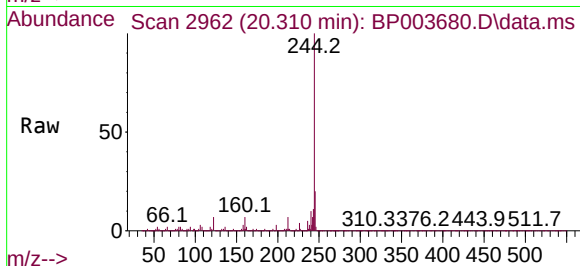




#79  
 Terphenyl-d14  
 Concen: 100.37 ng  
 RT: 20.310 min Scan# 2962  
 Delta R.T. 0.000 min  
 Lab File: BP003680.D  
 Acq: 20 Oct 2020 16:23

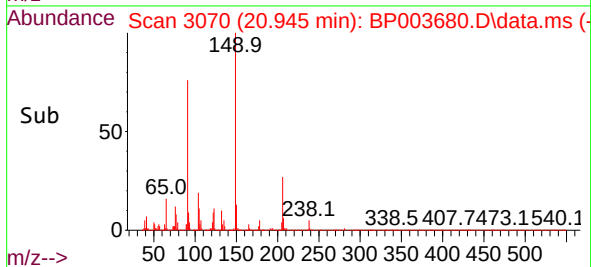
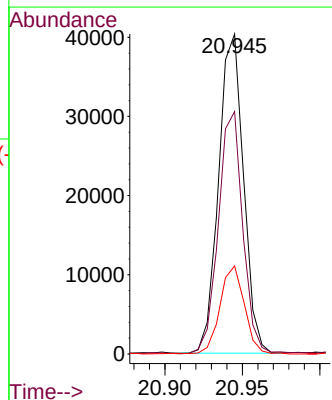
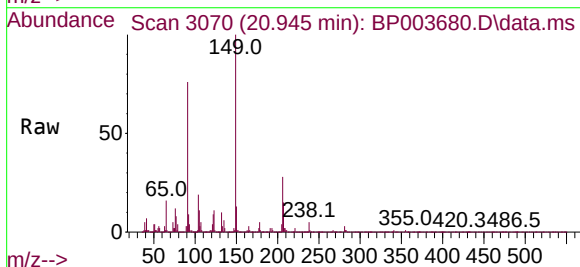
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

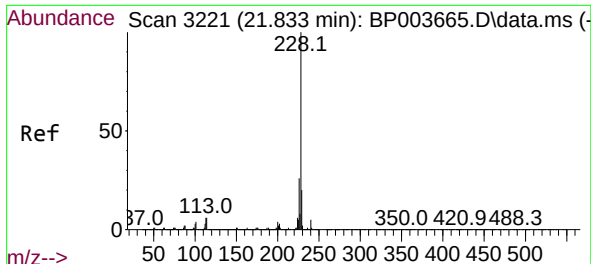
Tgt Ion:244 Resp: 4102497  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 7.1 7.8 11.8#



#80  
 Butylbenzylphthalate  
 Concen: 2.55 ng  
 RT: 20.945 min Scan# 3070  
 Delta R.T. 0.000 min  
 Lab File: BP003680.D  
 Acq: 20 Oct 2020 16:23

Tgt Ion:149 Resp: 44942  
 Ion Ratio Lower Upper  
 149 100  
 91 75.8 45.4 68.0#  
 206 27.5 17.1 25.7#

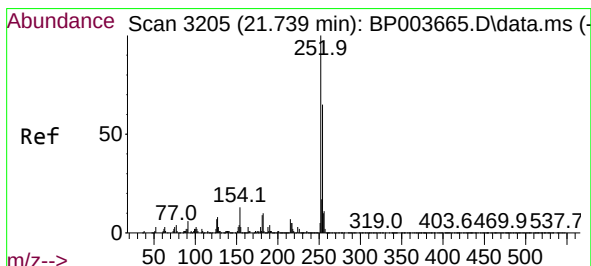
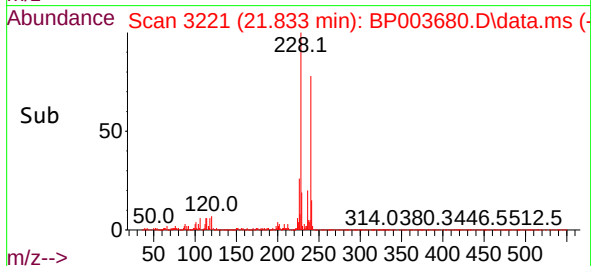
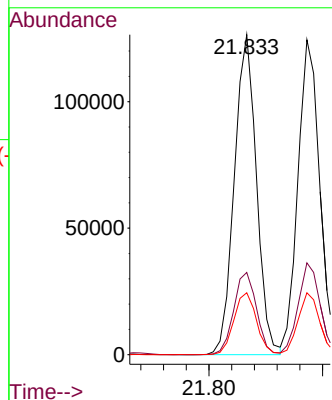
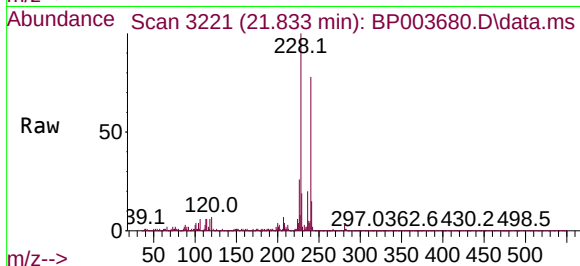




#81  
Benzo(a)anthracene  
Concen: 3.57 ng  
RT: 21.833 min Scan# 3221  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

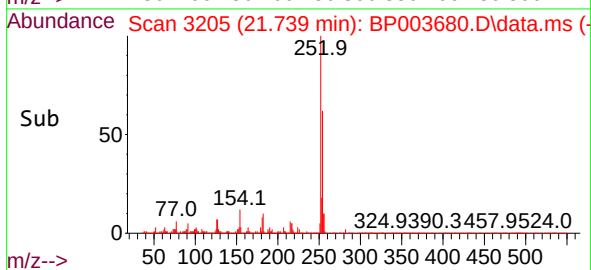
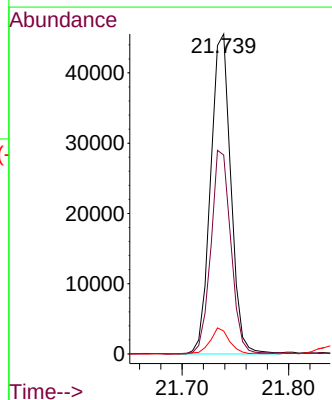
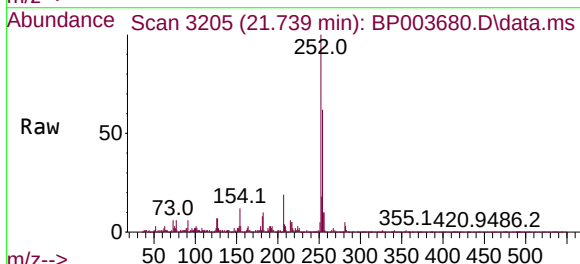
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

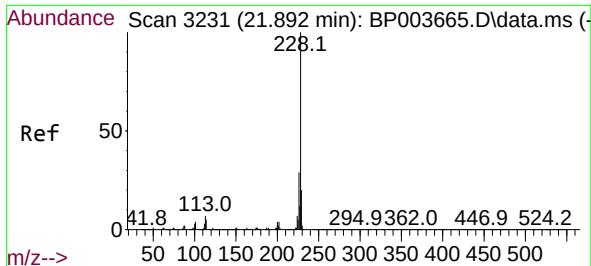
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 171131    |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 25.7  | 22.1 33.1 |
| 229         | 19.4  | 15.9 23.9 |



#82  
3,3'-Dichlorobenzidine  
Concen: 3.58 ng  
RT: 21.739 min Scan# 3205  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 60043     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 254         | 62.1  | 51.0 76.4 |
| 126         | 7.2   | 7.9 11.9  |

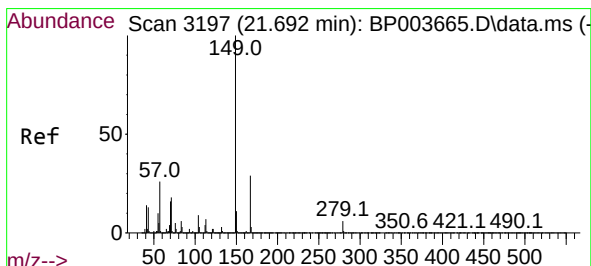
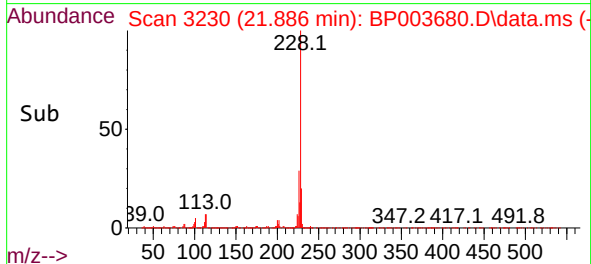
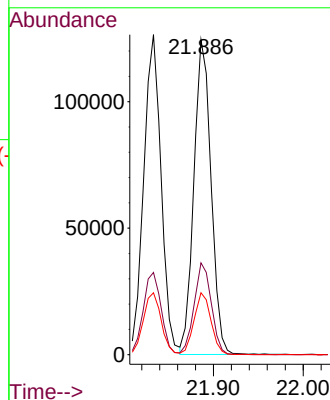
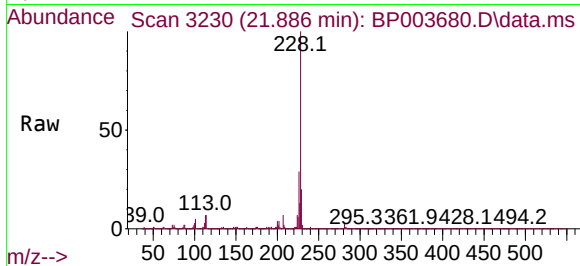




#83  
Chrysene  
Concen: 3.64 ng  
RT: 21.886 min Scan# 3230  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

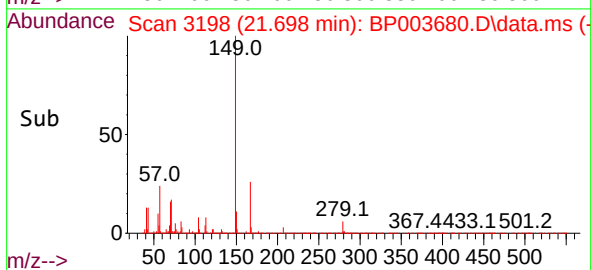
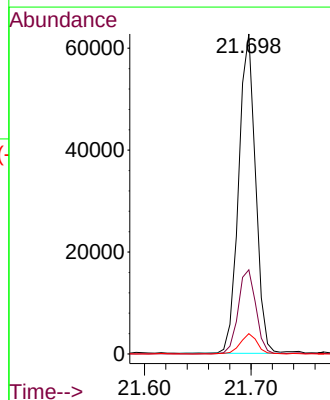
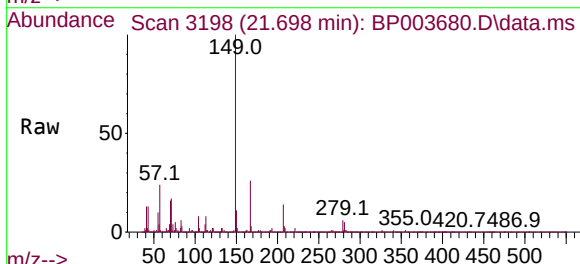
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

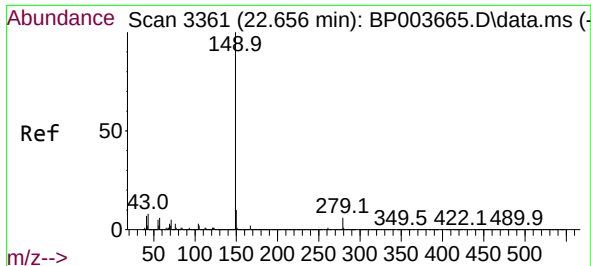
|             |              |
|-------------|--------------|
| Tgt Ion:228 | Resp: 165480 |
| Ion Ratio   | Lower Upper  |
| 228 100     |              |
| 226 29.2    | 24.4 36.6    |
| 229 19.7    | 15.8 23.6    |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.73 ng  
RT: 21.698 min Scan# 3198  
Delta R.T. 0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

|             |             |
|-------------|-------------|
| Tgt Ion:149 | Resp: 69039 |
| Ion Ratio   | Lower Upper |
| 149 100     |             |
| 167 26.3    | 22.6 34.0   |
| 279 6.4     | 4.2 6.2#    |

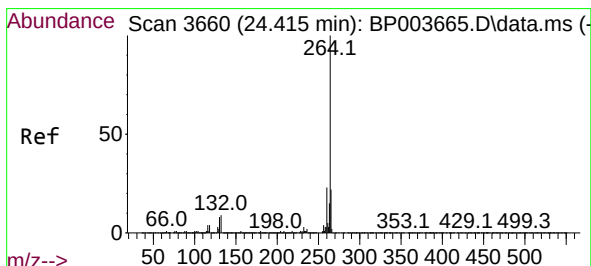
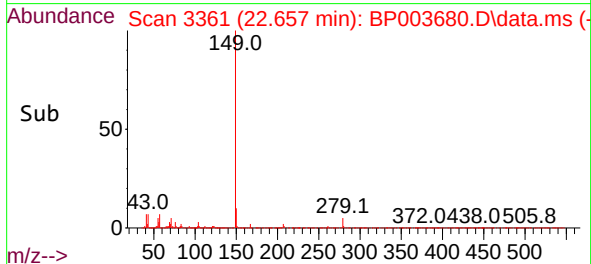
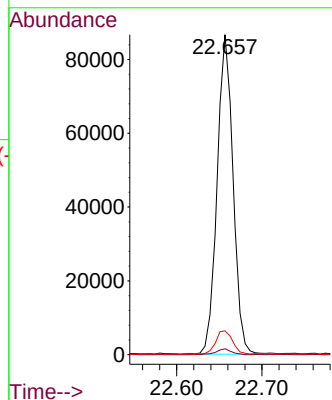
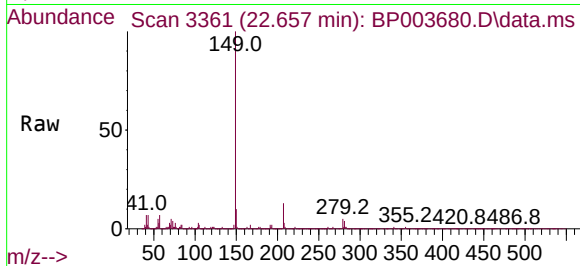




#85  
Di-n-octyl phthalate  
Concen: 2.75 ng  
RT: 22.657 min Scan# 3361  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

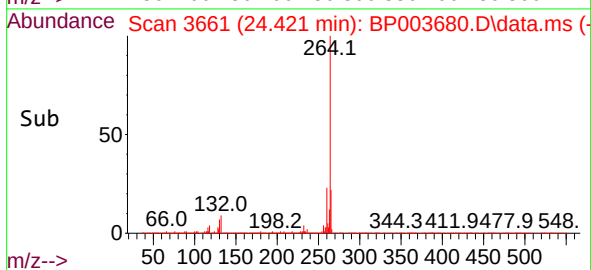
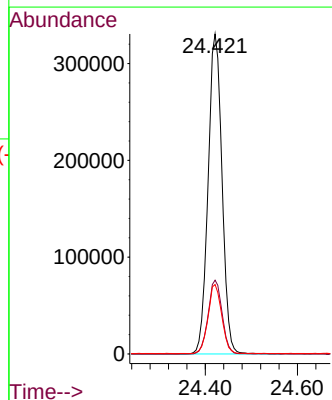
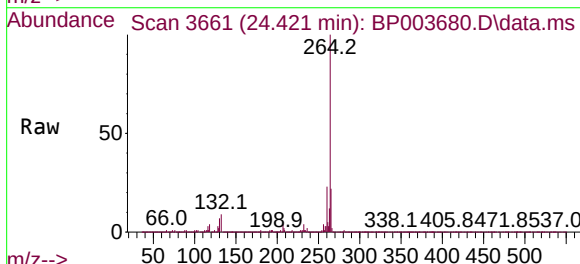
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

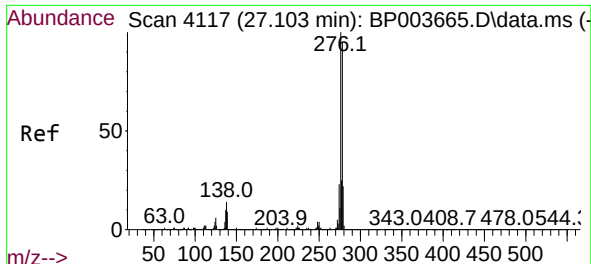
Tgt Ion:149 Resp: 112594  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.3 1.9  
43 7.7 3.7 5.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.421 min Scan# 3661  
Delta R.T. 0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:264 Resp: 696000  
Ion Ratio Lower Upper  
264 100  
260 23.0 18.8 28.2  
265 21.7 17.4 26.2

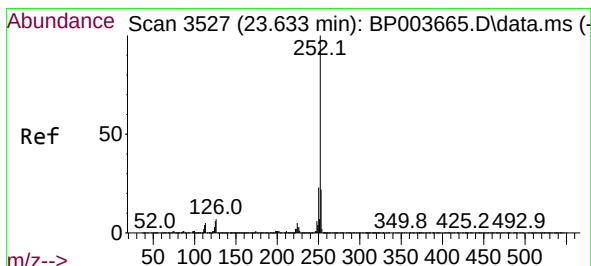
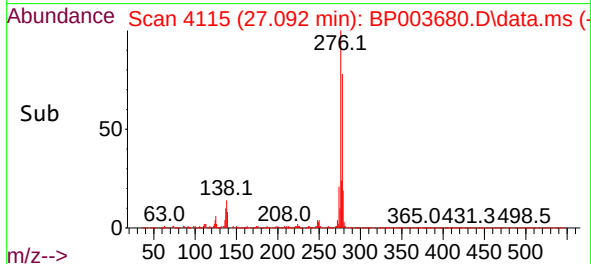
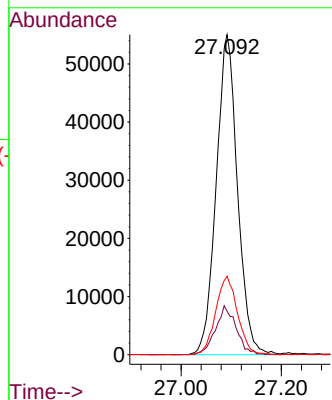
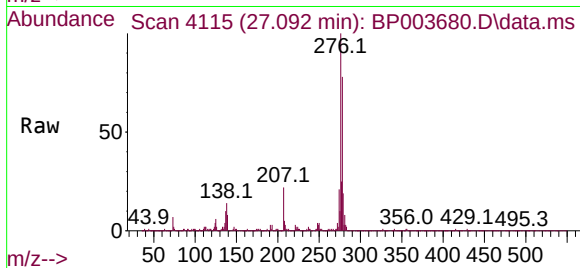




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 3.25 ng  
RT: 27.092 min Scan# 4115  
Delta R.T. -0.012 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

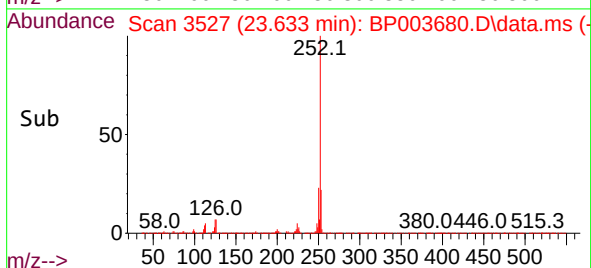
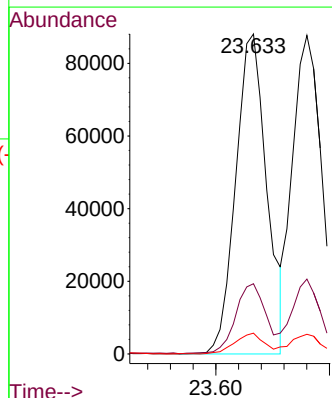
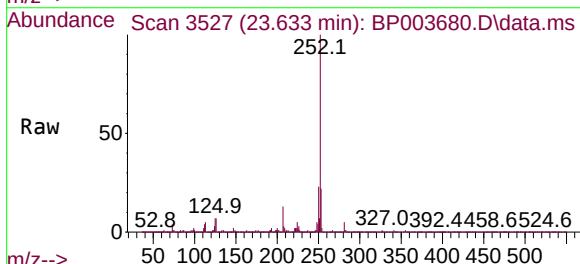
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

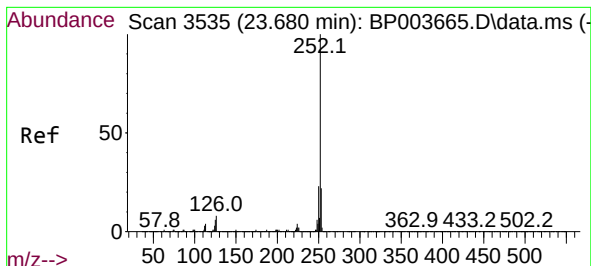
Tgt Ion:276 Resp: 162242  
Ion Ratio Lower Upper  
276 100  
138 14.9 18.7 28.1#  
277 25.1 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 3.44 ng  
RT: 23.633 min Scan# 3527  
Delta R.T. 0.000 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:252 Resp: 167045  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 6.5 7.3 10.9#





#89

Benzo(k)fluoranthene

Concen: 3.41 ng

RT: 23.680 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP003680.D

Acq: 20 Oct 2020 16:23

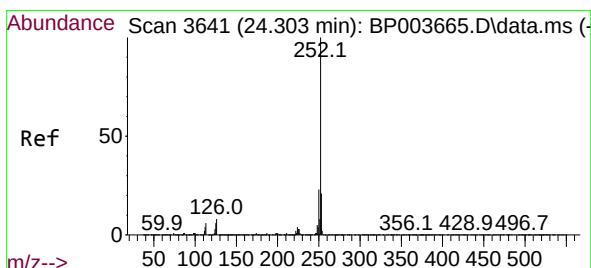
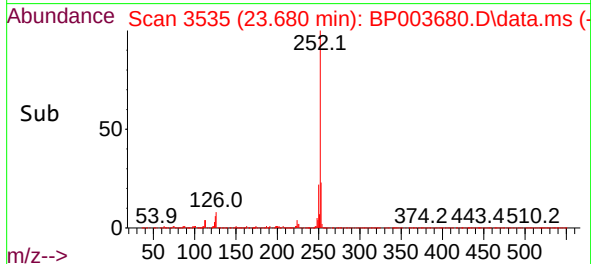
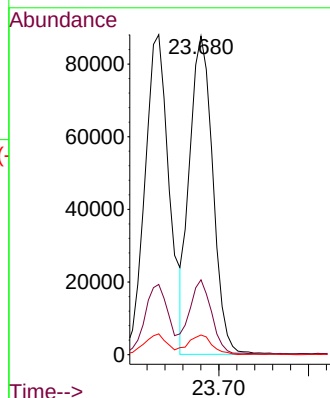
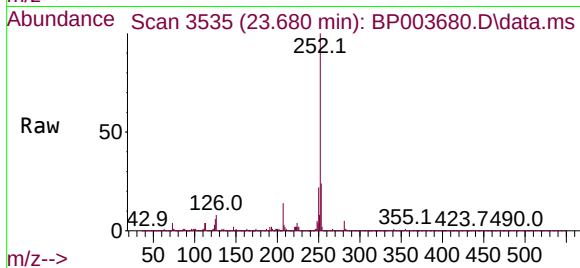
Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

|             |                |
|-------------|----------------|
| Tgt Ion:252 | Resp: 157864   |
| Ion Ratio   | Lower Upper    |
| 252         | 100            |
| 253         | 23.5 17.8 26.8 |
| 125         | 6.2 7.4 11.2#  |



#90

Benzo(a)pyrene

Concen: 3.19 ng

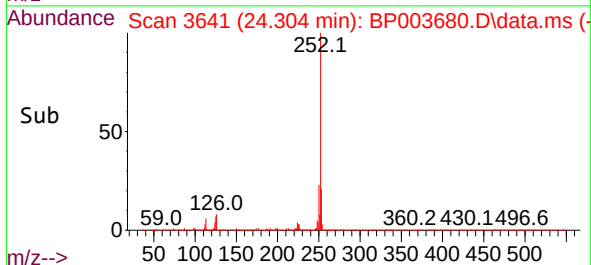
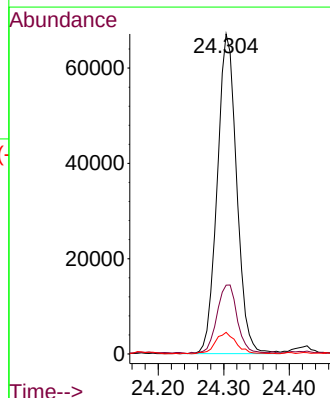
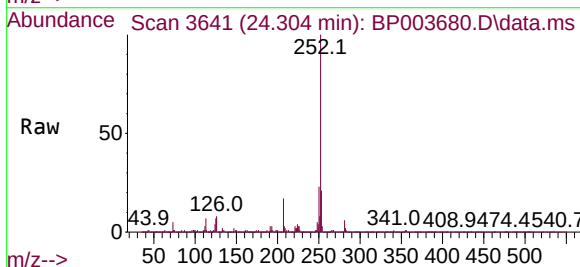
RT: 24.304 min Scan# 3641

Delta R.T. 0.000 min

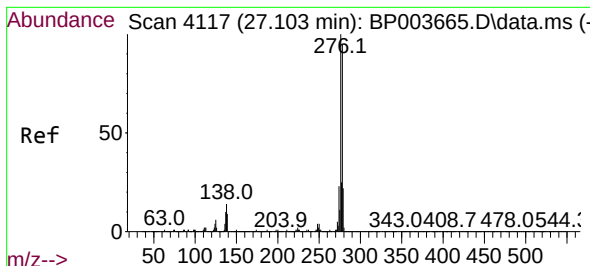
Lab File: BP003680.D

Acq: 20 Oct 2020 16:23

|             |                |
|-------------|----------------|
| Tgt Ion:252 | Resp: 138032   |
| Ion Ratio   | Lower Upper    |
| 252         | 100            |
| 253         | 21.5 17.4 26.0 |
| 125         | 6.8 8.2 12.4#  |



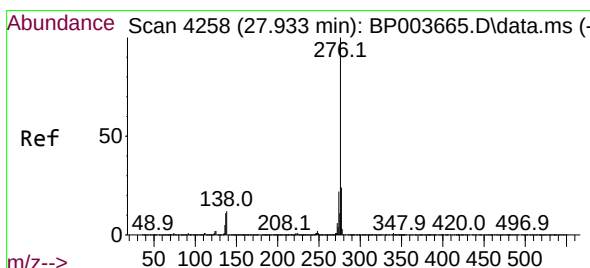
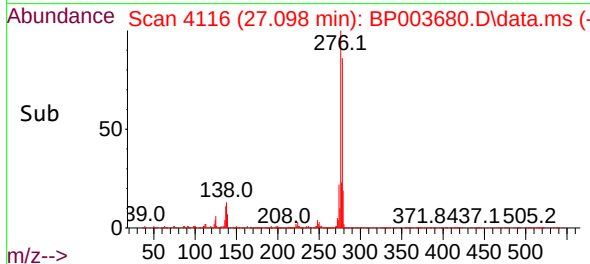
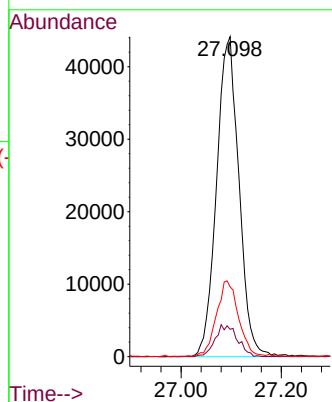
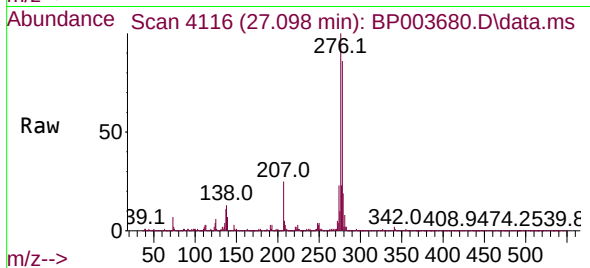




#91  
Dibenzo(a,h)anthracene  
Concen: 3.28 ng  
RT: 27.098 min Scan# 4116  
Delta R.T. -0.006 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

Tgt Ion:278 Resp: 136790  
Ion Ratio Lower Upper  
278 100  
139 8.6 12.4 18.6#  
279 21.8 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 3.39 ng  
RT: 27.921 min Scan# 4256  
Delta R.T. -0.012 min  
Lab File: BP003680.D  
Acq: 20 Oct 2020 16:23

Tgt Ion:276 Resp: 131062  
Ion Ratio Lower Upper  
276 100  
277 25.0 19.0 28.6  
138 13.4 16.6 24.8#

