

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102020\  
 Data File : BP003682.D  
 Acq On : 20 Oct 2020 17:31  
 Operator : CG/JU  
 Sample : L4214-08  
 Misc : LOQ-WATER 5PPM  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2020

Quant Time: Oct 20 18:04:30 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  | 126375   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.369 | 136  | 440894   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 15.122 | 164  | 295410   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.839 | 188  | 656893   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.845 | 240  | 679825   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.415 | 264  | 623708   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 6.022  | 112  | 1065285  | 140.96 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.675  | 99   | 1422962  | 133.27 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.693  | 82   | 986137   | 94.62  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.592 | 330  | 646792   | 140.34 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.751 | 172  | 2250234  | 98.48  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.304 | 244  | 3719316  | 96.22  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.687  | 88   | 16418    | 5.08   | ng    | # 88     |
| 3) Pyridine                   | 4.134  | 79   | 41543    | 4.55   | ng    | # 94     |
| 4) n-Nitrosodimethylamine     | 4.022  | 42   | 17128    | 4.40   | ng    | # 62     |
| 6) Aniline                    | 7.822  | 93   | 60216    | 5.08   | ng    | # 87     |
| 8) 2-Chlorophenol             | 8.087  | 128  | 35799    | 4.76   | ng    | # 72     |
| 9) Benzaldehyde               | 7.622  | 77   | 35257    | 6.26   | ng    | # 76     |
| 10) Phenol                    | 7.699  | 94   | 48957    | 4.81   | ng    | 71       |
| 11) bis(2-Chloroethyl)ether   | 7.904  | 93   | 37450    | 4.64   | ng    | 90       |
| 12) 1,3-Dichlorobenzene       | 8.422  | 146  | 43580    | 4.49   | ng    | # 90     |
| 13) 1,4-Dichlorobenzene       | 8.422  | 146  | 43580    | 4.45   | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.898  | 146  | 42772    | 4.61   | ng    | 95       |
| 15) Benzyl Alcohol            | 8.751  | 79   | 35674    | 4.37   | ng    | # 83     |
| 16) 2,2'-oxybis(1-Chloropr... | 9.051  | 45   | 36047    | 4.51   | ng    | 98       |
| 17) 2-Methylphenol            | 8.969  | 107  | 29610    | 4.40   | ng    | # 89     |
| 18) Hexachloroethane          | 9.651  | 117  | 16735    | 4.43   | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 9.322  | 70   | 29041    | 4.45   | ng    | # 87     |
| 20) 3+4-Methylphenols         | 9.298  | 107  | 40365    | 4.45   | ng    | 91       |
| 22) Acetophenone              | 9.340  | 105  | 58618    | 4.54   | ng    | # 86     |
| 24) Nitrobenzene              | 9.734  | 77   | 50418    | 5.02   | ng    | # 75     |
| 25) Isophorone                | 10.257 | 82   | 77877    | 4.64   | ng    | # 88     |
| 26) 2-Nitrophenol             | 10.457 | 139  | 15517    | 4.14   | ng    | # 62     |
| 27) 2,4-Dimethylphenol        | 10.516 | 122  | 31546    | 5.36   | ng    | 88       |
| 28) bis(2-Chloroethoxy)met... | 10.728 | 93   | 48584    | 4.53   | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 11.010 | 162  | 33702    | 4.37   | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 11.234 | 180  | 44492    | 4.50   | ng    | 95       |
| 31) Naphthalene               | 11.422 | 128  | 111081   | 4.67   | ng    | 99       |
| 32) Benzoic acid              | 10.587 | 122  | 5737     | 1.64   | ng    | # 83     |
| 33) 4-Chloroaniline           | 11.498 | 127  | 45885    | 4.68   | ng    | # 85     |
| 34) Hexachlorobutadiene       | 11.728 | 225  | 32445    | 4.35   | ng    | 98       |
| 35) Caprolactam               | 12.192 | 113  | 8659     | 3.83   | ng    | # 56     |
| 36) 4-Chloro-3-methylphenol   | 12.598 | 107  | 35928    | 4.29   | ng    | # 84     |
| 37) 2-Methylnaphthalene       | 12.986 | 142  | 80788    | 4.68   | ng    | # 93     |
| 38) 1-Methylnaphthalene       | 13.198 | 142  | 76397    | 4.69   | ng    | # 98     |
| 40) 1,2,4,5-Tetrachloroben... | 13.357 | 216  | 54181    | 4.63   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.351 | 237  | 33158    | 4.90   | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.575 | 196  | 27493    | 3.95   | ng    | 99       |

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 ALS Vial : 11 Sample Multiplier: 1

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 BNA\_P  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2020

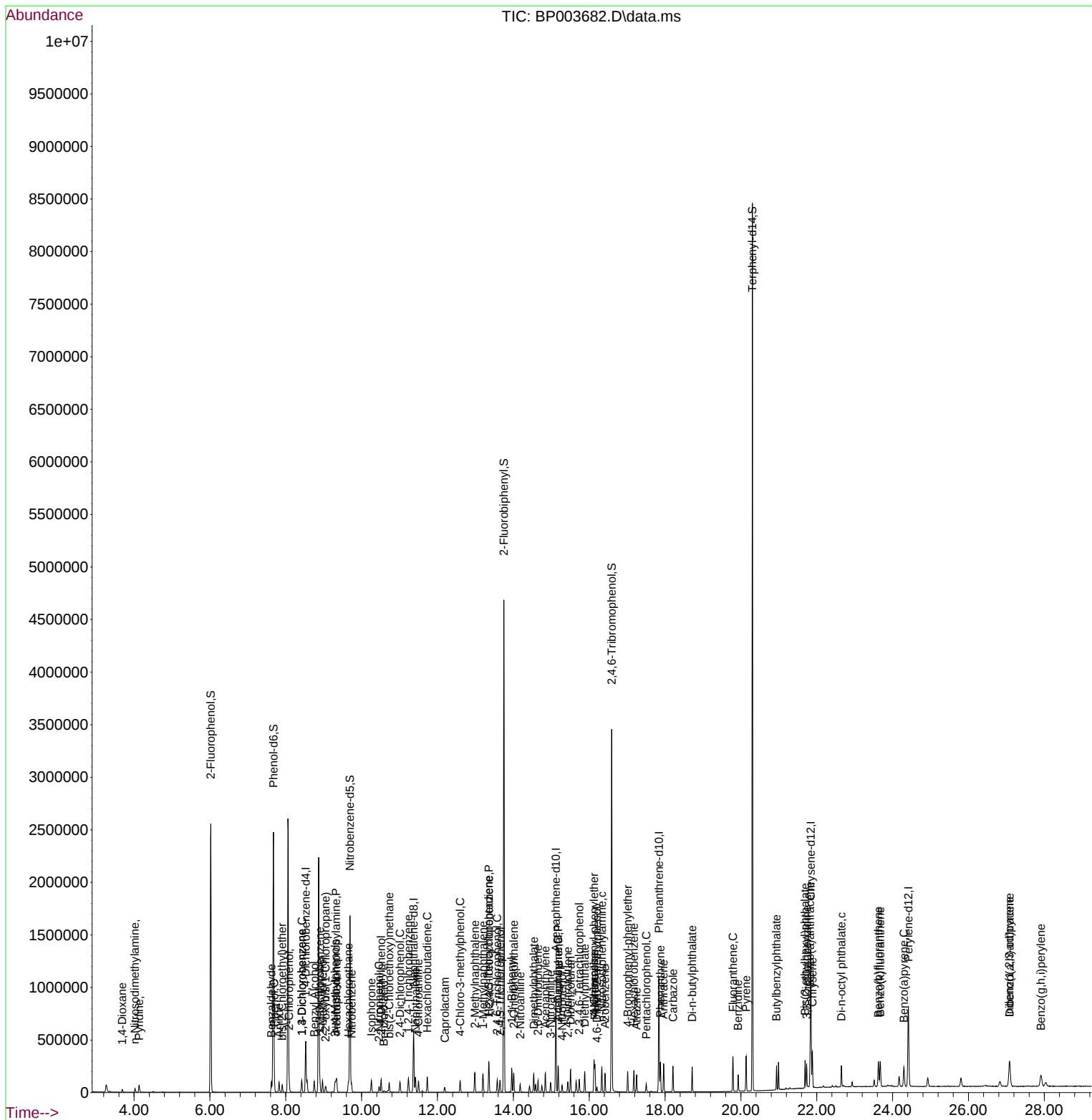
Quant Time: Oct 20 18:04:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP101920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 20 12:55:54 2020  
 Response via : Initial Calibration

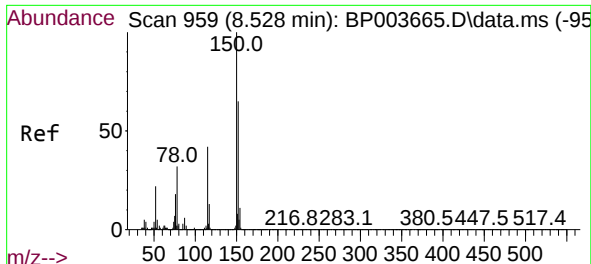
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.651 | 196  | 29621    | 4.10 | ng    | # 96     |
| 46) 1,1'-Biphenyl             | 13.957 | 154  | 110526   | 4.80 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 14.010 | 162  | 85088    | 4.42 | ng    | 97       |
| 48) 2-Nitroaniline            | 14.181 | 65   | 19427    | 3.41 | ng    | # 58     |
| 49) Acenaphthylene            | 14.845 | 152  | 122257   | 4.45 | ng    | 100      |
| 50) Dimethylphthalate         | 14.539 | 163  | 102944   | 4.24 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.651 | 165  | 20992    | 4.25 | ng    | # 63     |
| 52) Acenaphthene              | 15.181 | 154  | 80716    | 4.35 | ng    | 96       |
| 53) 3-Nitroaniline            | 14.981 | 138  | 18515    | 3.82 | ng    | # 57     |
| 54) 2,4-Dinitrophenol         | 15.186 | 184  | 5449     | 2.41 | ng    | # 1      |
| 55) Dibenzofuran              | 15.510 | 168  | 130630   | 4.65 | ng    | 97       |
| 56) 4-Nitrophenol             | 15.286 | 139  | 13651    | 3.76 | ng    | # 51     |
| 57) 2,4-Dinitrotoluene        | 15.433 | 165  | 25591    | 3.83 | ng    | # 65     |
| 58) Fluorene                  | 16.151 | 166  | 105962   | 4.68 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.739 | 232  | 26567    | 3.83 | ng    | 92       |
| 60) Diethylphthalate          | 15.880 | 149  | 101384   | 4.26 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 16.128 | 204  | 61712    | 4.51 | ng    | 95       |
| 62) 4-Nitroaniline            | 16.133 | 138  | 18491    | 3.44 | ng    | # 55     |
| 63) Azobenzene                | 16.416 | 77   | 97490    | 4.36 | ng    | 85       |
| 65) 4,6-Dinitro-2-methylph... | 16.204 | 198  | 11169    | 3.23 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 16.333 | 169  | 88629    | 4.53 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 17.016 | 248  | 38026    | 4.32 | ng    | 98       |
| 68) Hexachlorobenzene         | 17.180 | 284  | 44255    | 4.37 | ng    | 98       |
| 69) Atrazine                  | 17.251 | 200  | 29820    | 3.91 | ng    | 97       |
| 70) Pentachlorophenol         | 17.504 | 266  | 15425    | 3.09 | ng    | 93       |
| 71) Phenanthrene              | 17.880 | 178  | 168495   | 4.62 | ng    | 99       |
| 72) Anthracene                | 17.963 | 178  | 163241   | 4.63 | ng    | 98       |
| 73) Carbazole                 | 18.210 | 167  | 137623   | 4.39 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.716 | 149  | 145004   | 3.79 | ng    | # 97     |
| 75) Fluoranthene              | 19.792 | 202  | 193359   | 4.31 | ng    | 97       |
| 77) Benzidine                 | 19.927 | 184  | 79935    | 4.91 | ng    | 98       |
| 78) Pyrene                    | 20.139 | 202  | 204989   | 4.50 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.939 | 149  | 56098    | 3.36 | ng    | # 81     |
| 81) Benzo(a)anthracene        | 21.827 | 228  | 201708   | 4.45 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.733 | 252  | 70324    | 4.43 | ng    | 96       |
| 83) Chrysene                  | 21.886 | 228  | 196964   | 4.58 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.692 | 149  | 83711    | 3.51 | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.651 | 149  | 132946   | 3.43 | ng    | # 91     |
| 87) Indeno(1,2,3-cd)pyrene    | 27.080 | 276  | 187786   | 4.19 | ng    | # 91     |
| 88) Benzo(b)fluoranthene      | 23.627 | 252  | 191088   | 4.39 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 23.674 | 252  | 184708   | 4.45 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 24.298 | 252  | 163737   | 4.22 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 27.086 | 278  | 156196   | 4.17 | ng    | # 94     |
| 92) Benzo(g,h,i)perylene      | 27.909 | 276  | 153008   | 4.41 | ng    | # 91     |

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

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BNA\_P  
**ClientSampleId :**  
LOO-WATER-02-OT4-2020

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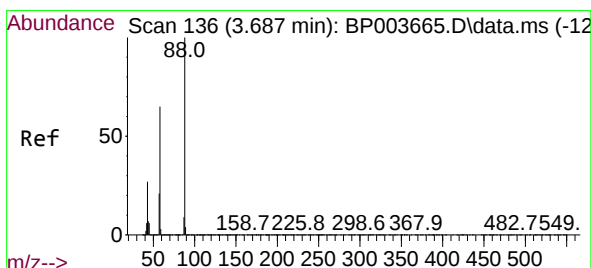
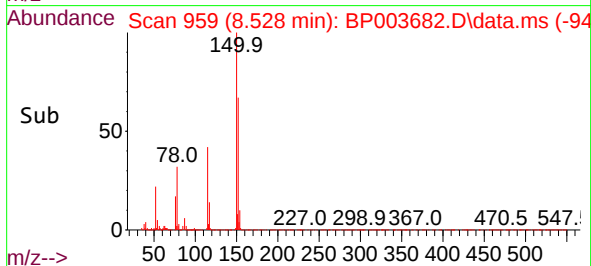
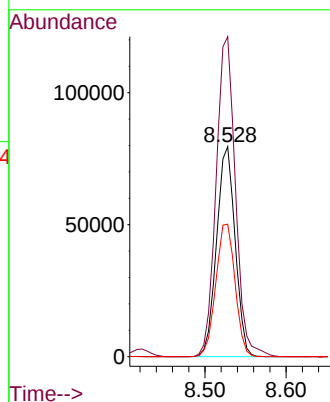
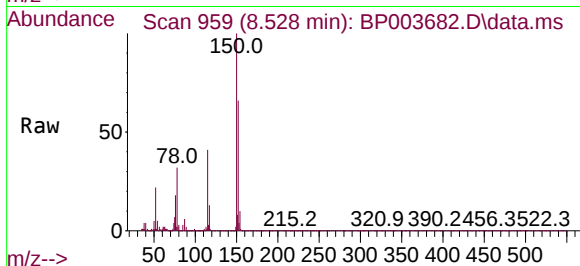




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.528 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

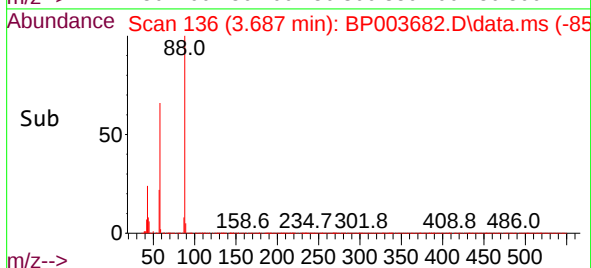
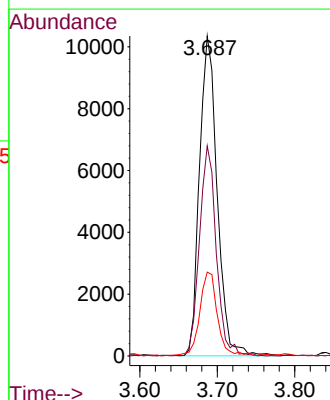
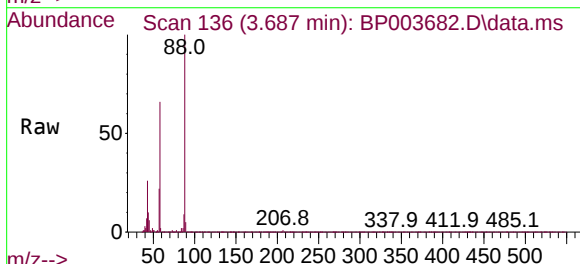
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

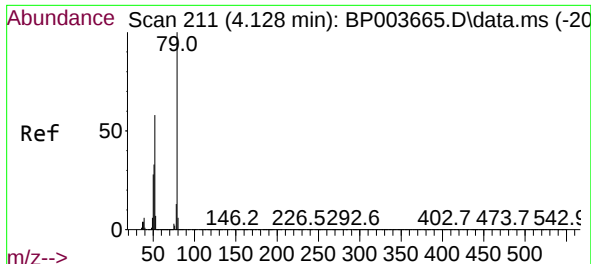
Tgt Ion:152 Resp: 126375  
Ion Ratio Lower Upper  
152 100  
150 152.4 123.8 185.6  
115 63.0 43.8 65.6



#2  
1,4-Dioxane  
Concen: 5.08 ng  
RT: 3.687 min Scan# 136  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion: 88 Resp: 16418  
Ion Ratio Lower Upper  
88 100  
58 62.5 44.2 66.4  
43 26.3 15.2 22.8

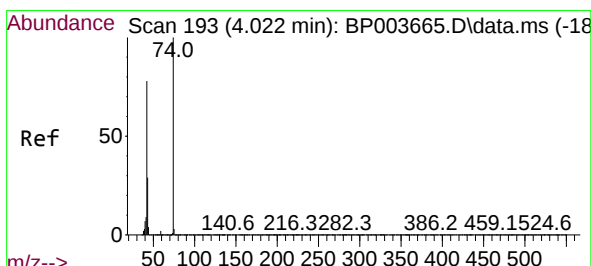
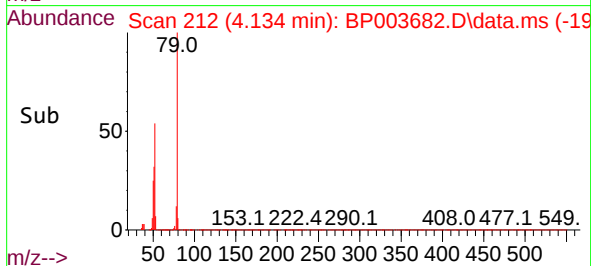
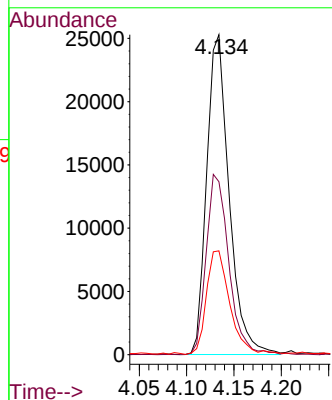
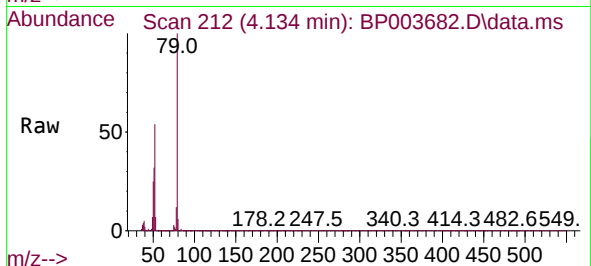




#3  
Pyridine  
Concen: 4.55 ng  
RT: 4.134 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

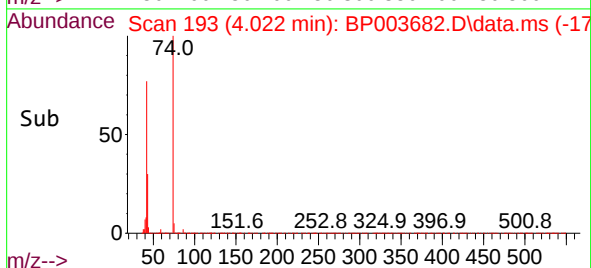
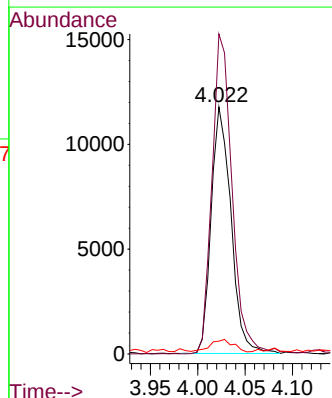
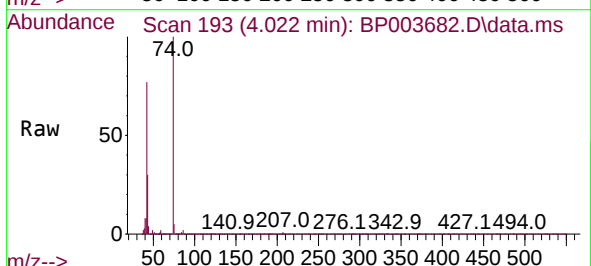
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BNA\_P  
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LOQ-WATER-02-QT4-2020

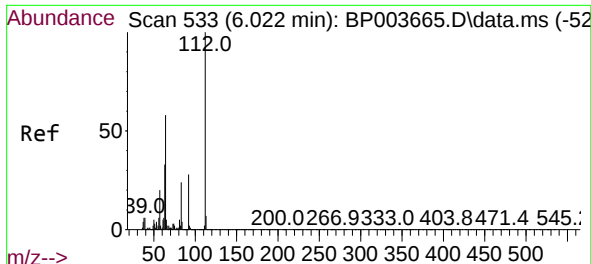
Tgt Ion: 79 Resp: 41543  
Ion Ratio Lower Upper  
79 100  
52 54.1 41.3 61.9  
51 32.4 21.2 31.8#



#4  
n-Nitrosodimethylamine  
Concen: 4.40 ng  
RT: 4.022 min Scan# 193  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion: 42 Resp: 17128  
Ion Ratio Lower Upper  
42 100  
74 129.5 148.6 223.0#  
44 5.2 5.3 7.9#

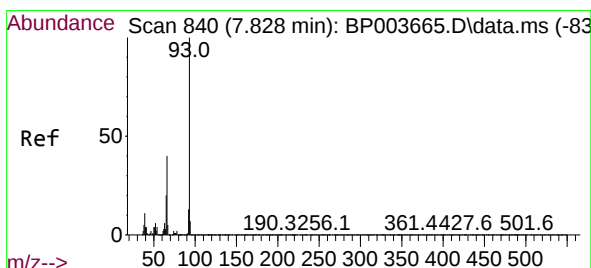
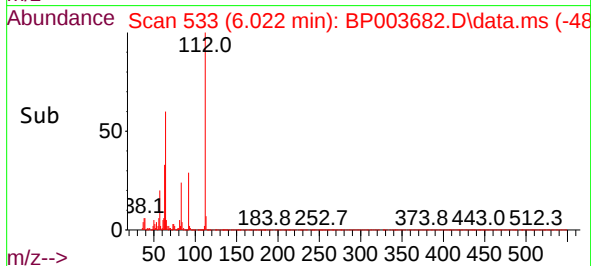
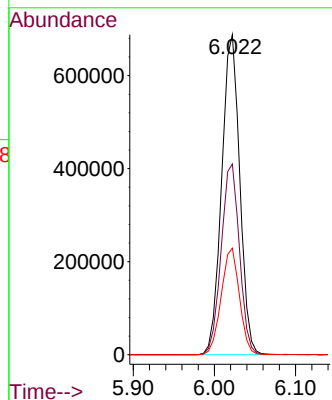
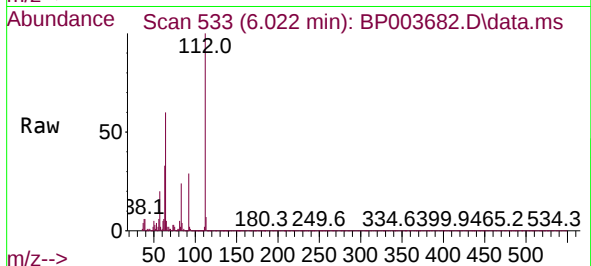




#5  
2-Fluorophenol  
Concen: 140.96 ng  
RT: 6.022 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

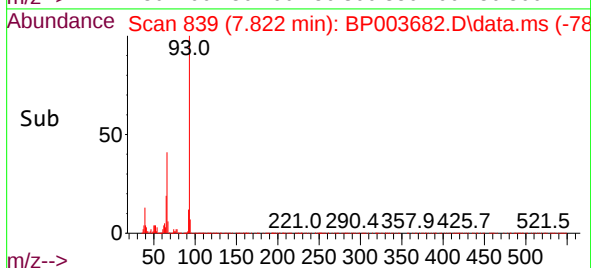
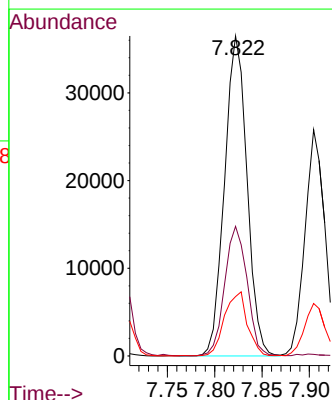
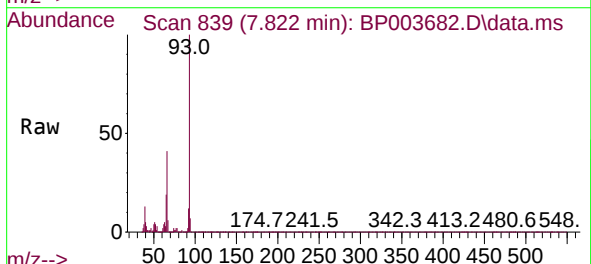
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ClientSampleId :  
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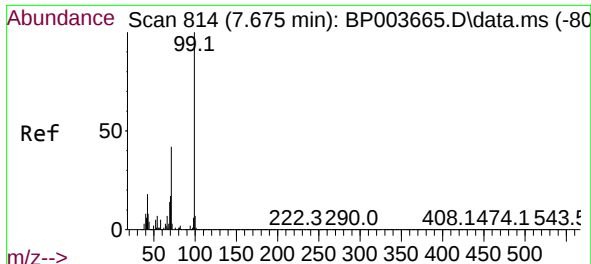
Tgt Ion:112 Resp: 1065285  
Ion Ratio Lower Upper  
112 100  
64 59.6 32.8 49.2#  
63 33.3 17.0 25.4#



#6  
Aniline  
Concen: 5.08 ng  
RT: 7.822 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion: 93 Resp: 60216  
Ion Ratio Lower Upper  
93 100  
66 40.5 25.4 38.0#  
65 18.6 12.5 18.7



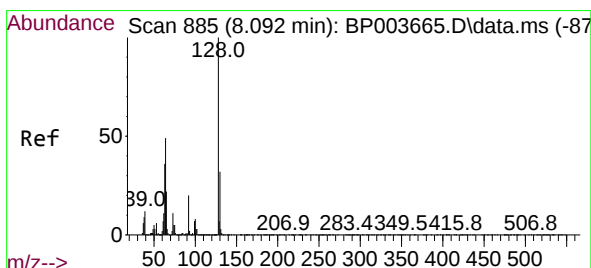
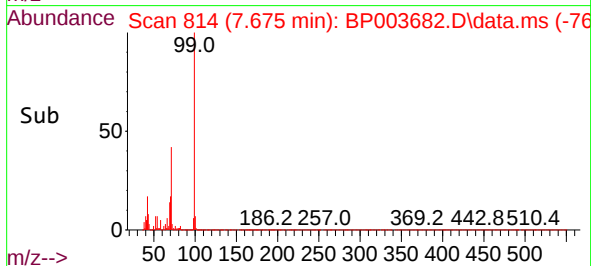
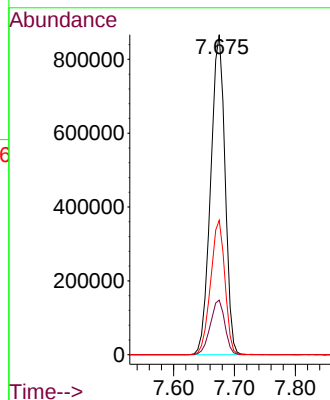
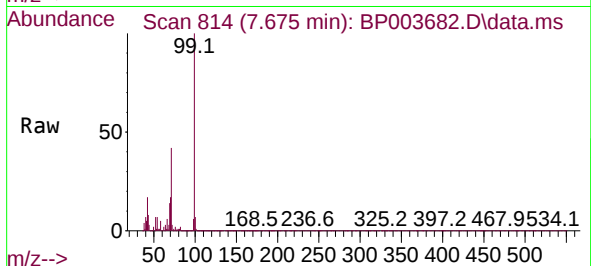


#7  
Phenol-d6  
Concen: 133.27 ng  
RT: 7.675 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

Tgt Ion: 99 Resp: 1422962

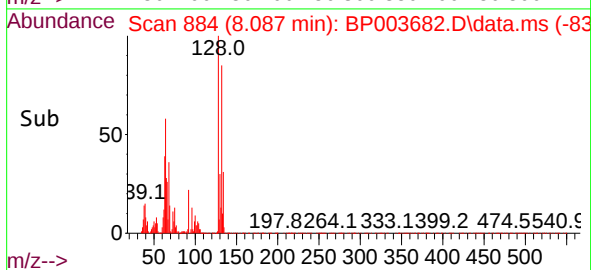
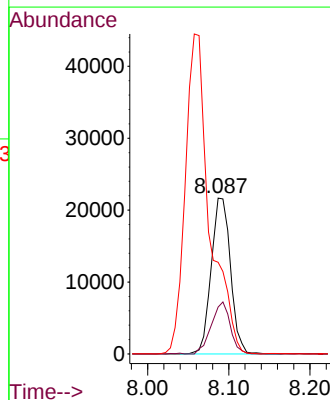
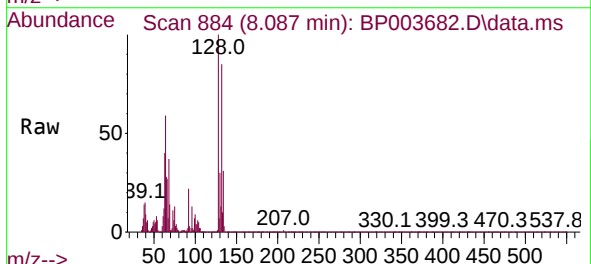
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|-----|-------|-------|-------|
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| 71  | 42.0  | 23.4  | 35.2# |

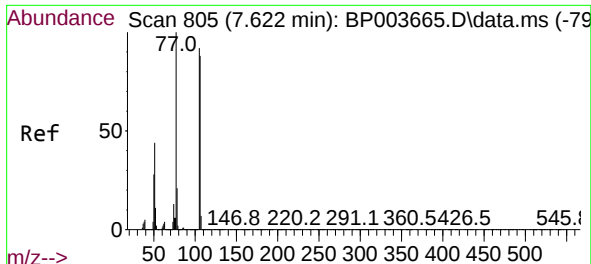


#8  
2-Chlorophenol  
Concen: 4.76 ng  
RT: 8.087 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion: 128 Resp: 35799

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 30.1  | 13.0  | 53.0  |
| 64  | 58.8  | 10.4  | 50.4# |

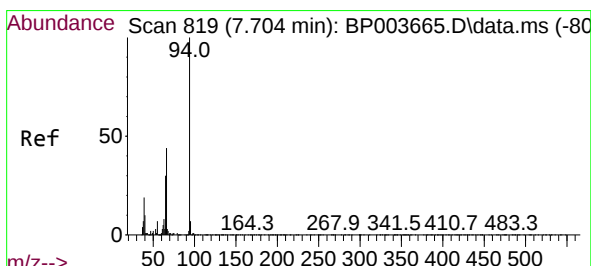
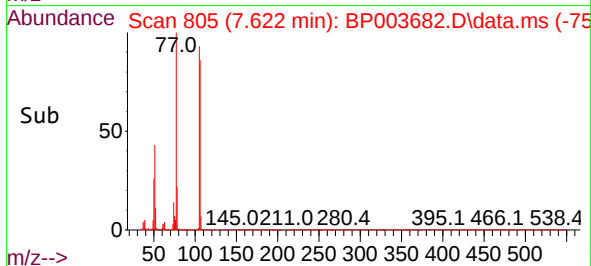
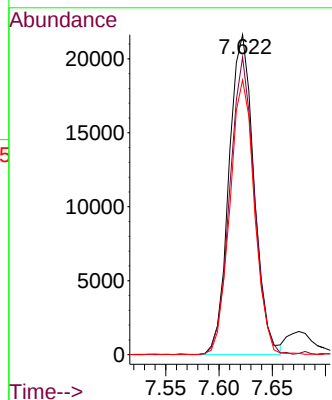
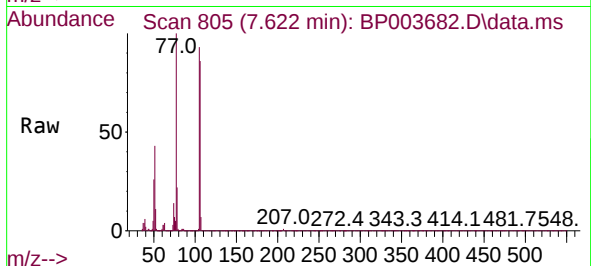




#9  
Benzaldehyde  
Concen: 6.26 ng  
RT: 7.622 min Scan# 805  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

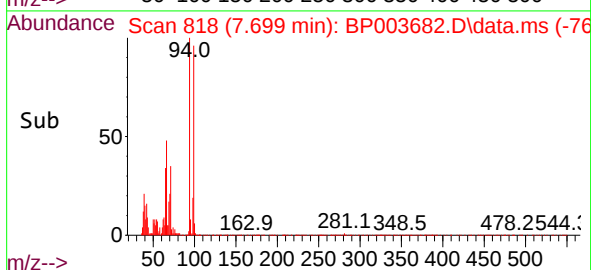
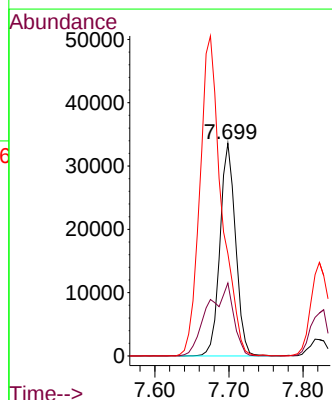
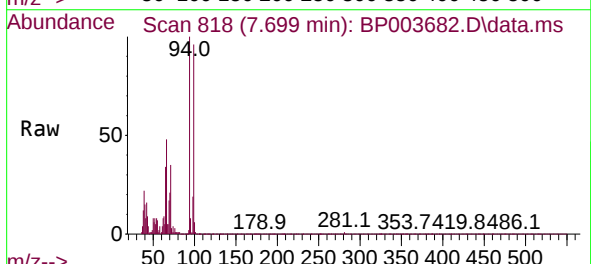
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

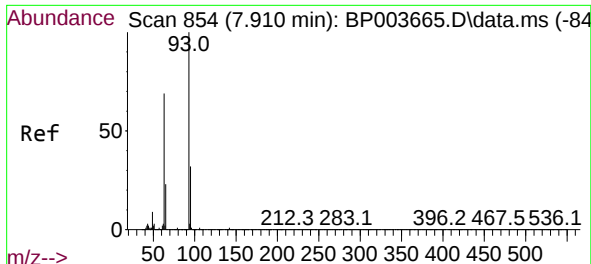
Tgt Ion: 77 Resp: 35257  
Ion Ratio Lower Upper  
77 100  
105 93.0 97.1 137.1#  
106 85.9 93.7 133.7#



#10  
Phenol  
Concen: 4.81 ng  
RT: 7.699 min Scan# 818  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion: 94 Resp: 48957  
Ion Ratio Lower Upper  
94 100  
65 34.3 2.3 42.3  
66 48.2 10.9 50.9

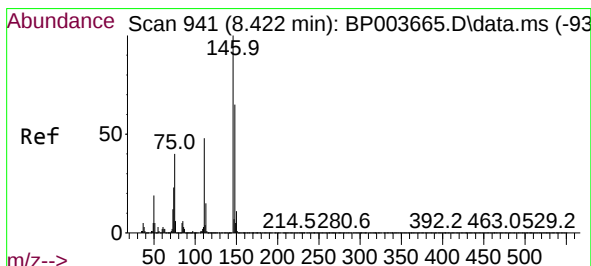
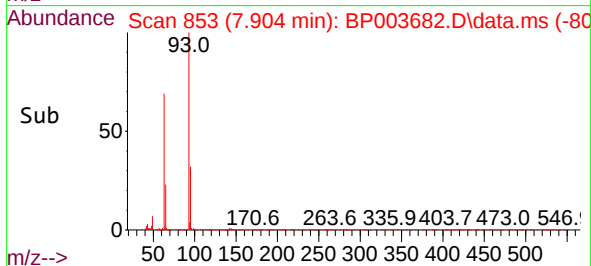
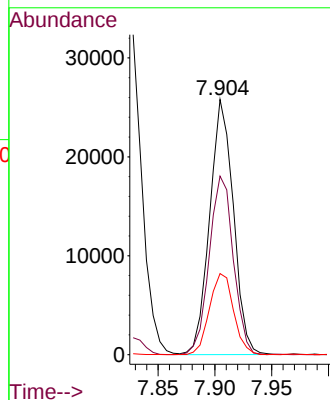
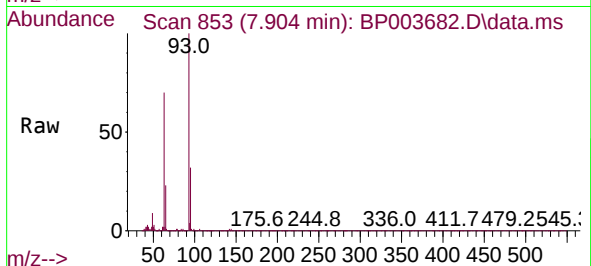




#11  
bis(2-Chloroethyl)ether  
Concen: 4.64 ng  
RT: 7.904 min Scan# 853  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

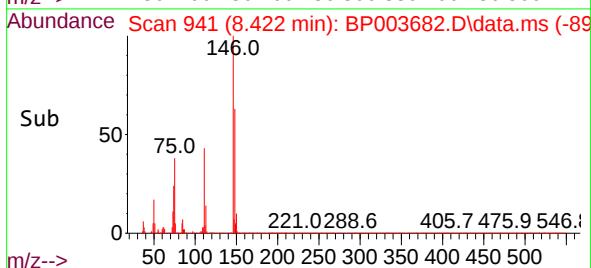
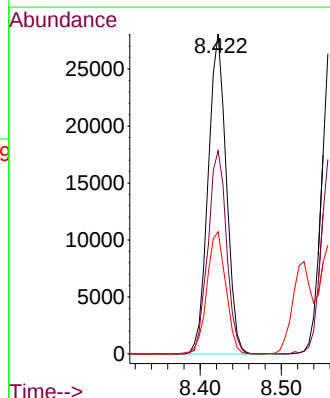
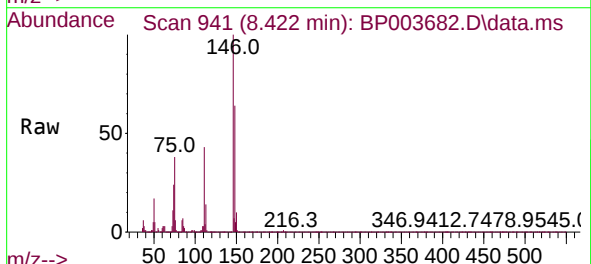
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

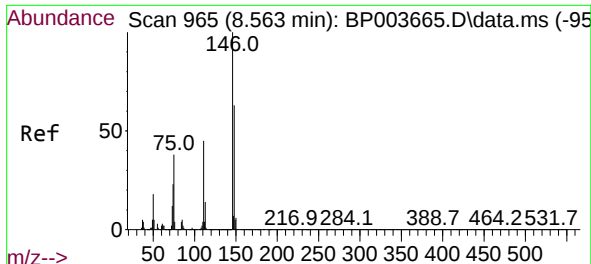
Tgt Ion: 93 Resp: 37450  
Ion Ratio Lower Upper  
93 100  
63 70.0 39.0 79.0  
95 31.8 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 4.49 ng  
RT: 8.422 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:146 Resp: 43580  
Ion Ratio Lower Upper  
146 100  
148 63.5 52.5 78.7  
75 38.2 18.1 27.1#

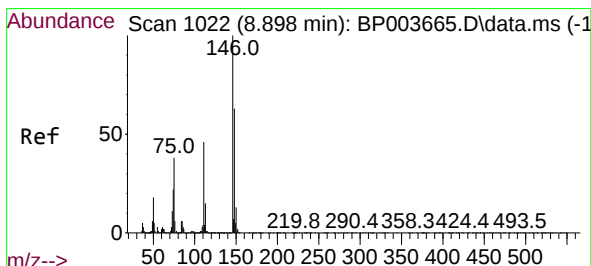
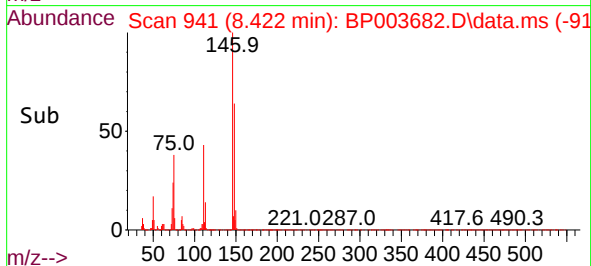
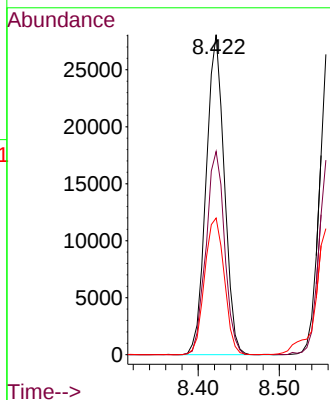
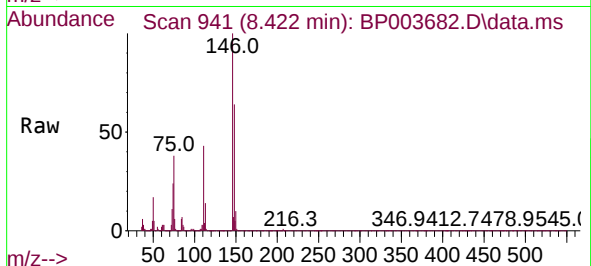




#13  
1,4-Dichlorobenzene  
Concen: 4.45 ng  
RT: 8.422 min Scan# 941  
Delta R.T. -0.141 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

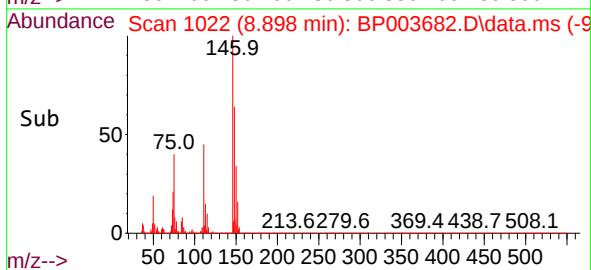
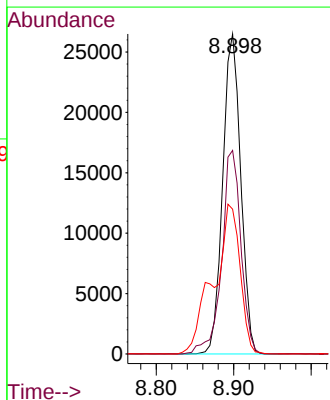
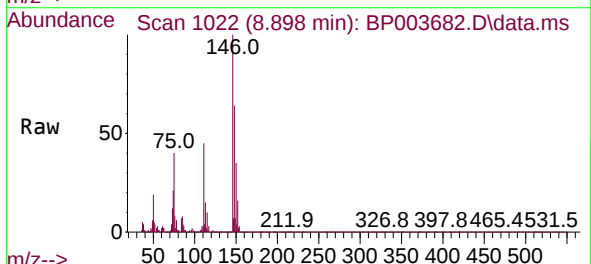
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

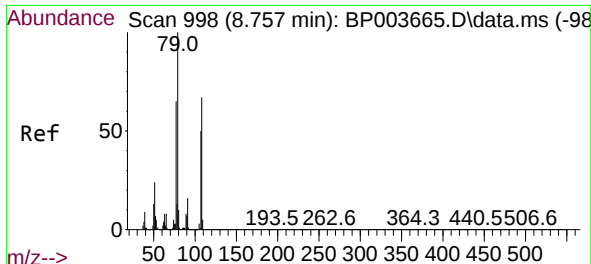
Tgt Ion:146 Resp: 43580  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.3 76.9  
111 42.7 28.9 43.3



#14  
1,2-Dichlorobenzene  
Concen: 4.61 ng  
RT: 8.898 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:146 Resp: 42772  
Ion Ratio Lower Upper  
146 100  
148 63.6 51.6 77.4  
111 45.2 31.0 46.6





#15

Benzyl Alcohol

Concen: 4.37 ng

RT: 8.751 min Scan# 997

Delta R.T. -0.006 min

Lab File: BP003682.D

Acq: 20 Oct 2020 17:31

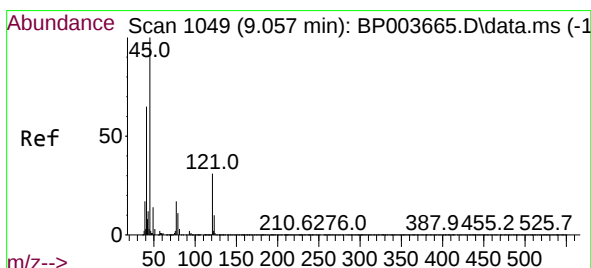
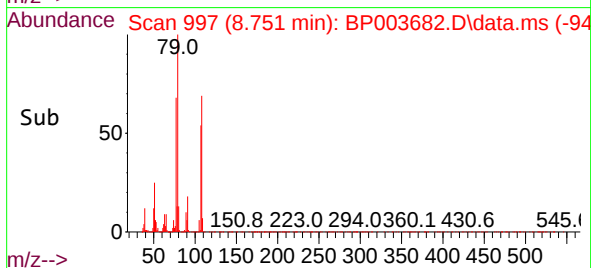
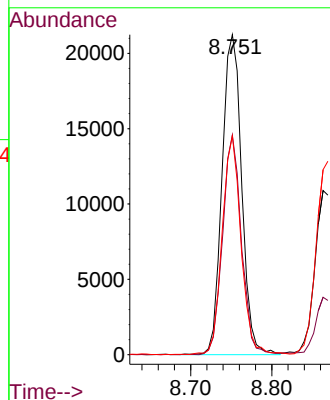
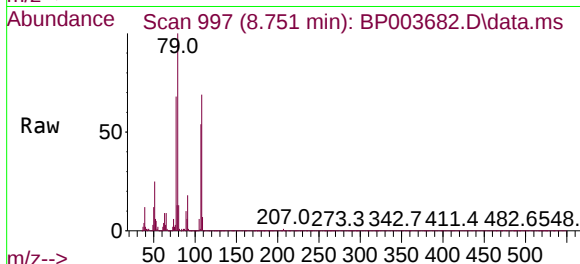
Instrument :

BNA\_P

ClientSampleId :

LOQ-WATER-02-QT4-2020

|             |             |
|-------------|-------------|
| Tgt Ion: 79 | Resp: 35674 |
| Ion Ratio   | Lower Upper |
| 79 100      |             |
| 108 68.6    | 73.5 110.3# |
| 77 68.3     | 50.3 75.5   |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.51 ng

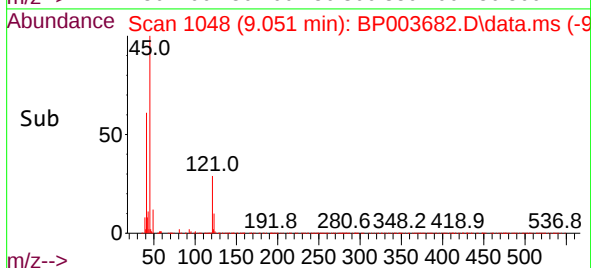
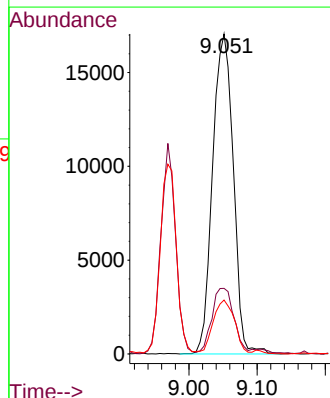
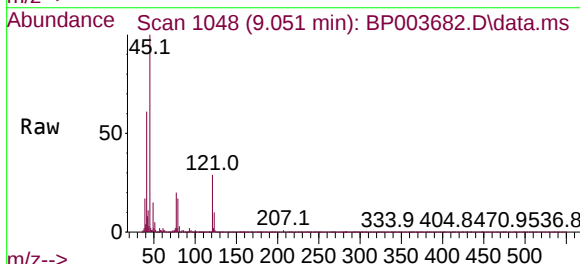
RT: 9.051 min Scan# 1048

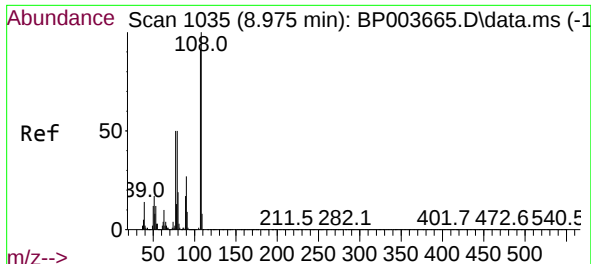
Delta R.T. -0.006 min

Lab File: BP003682.D

Acq: 20 Oct 2020 17:31

|             |             |
|-------------|-------------|
| Tgt Ion: 45 | Resp: 36047 |
| Ion Ratio   | Lower Upper |
| 45 100      |             |
| 77 20.5     | 2.3 42.3    |
| 79 16.9     | 0.0 36.6    |

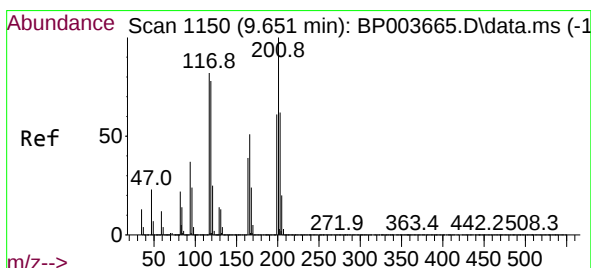
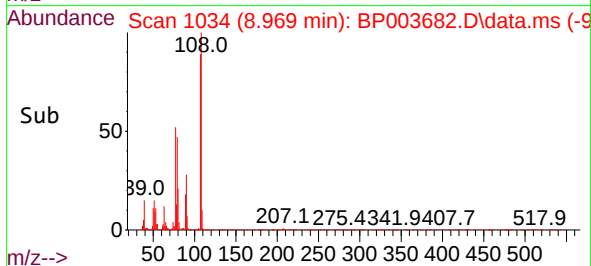
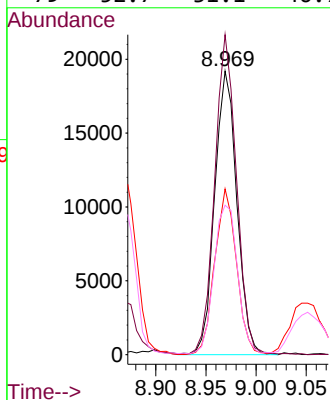
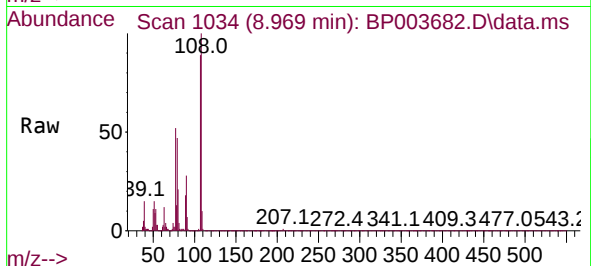




#17  
2-Methylphenol  
Concen: 4.40 ng  
RT: 8.969 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

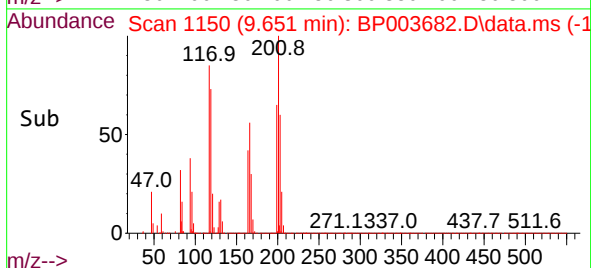
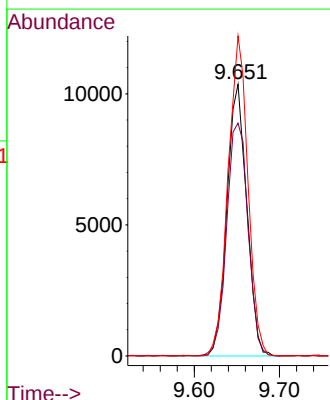
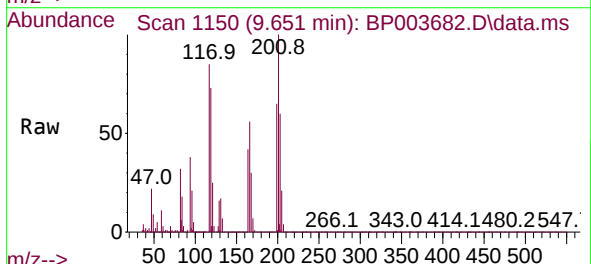
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

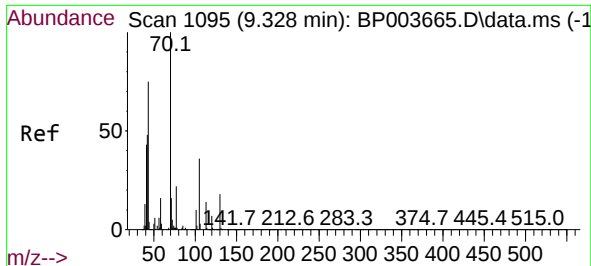
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 29610 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.9 | 89.6  | 134.4 |
| 77       | 58.5  | 31.8  | 47.6# |
| 79       | 52.7  | 31.1  | 46.7# |



#18  
Hexachloroethane  
Concen: 4.43 ng  
RT: 9.651 min Scan# 1150  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 16735 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 85.6  | 78.8  | 118.2 |
| 201      | 117.7 | 92.3  | 138.5 |

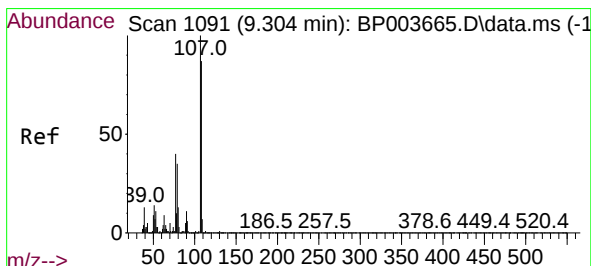
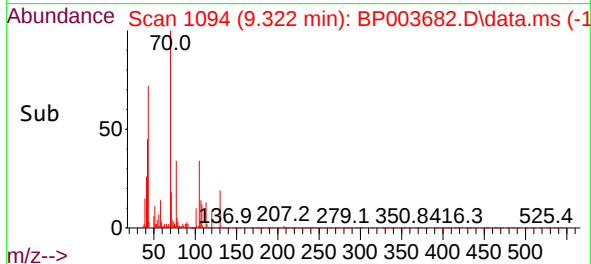
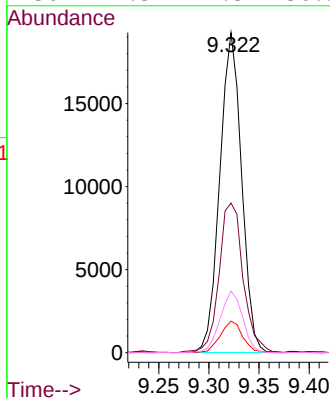
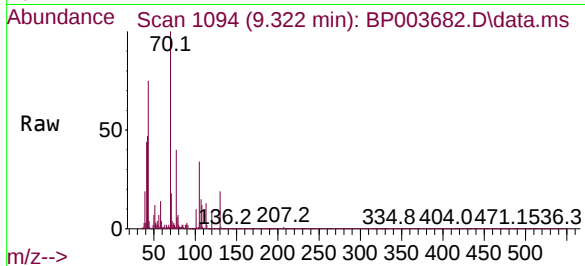




#19  
n-Nitroso-di-n-propylamine  
Concen: 4.45 ng  
RT: 9.322 min Scan# 1094  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

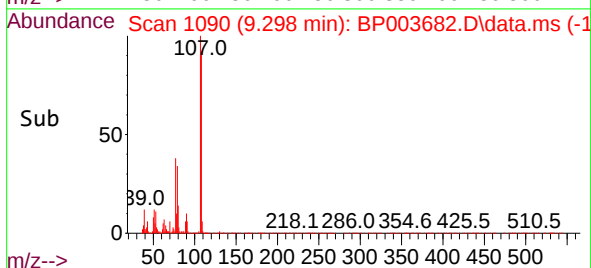
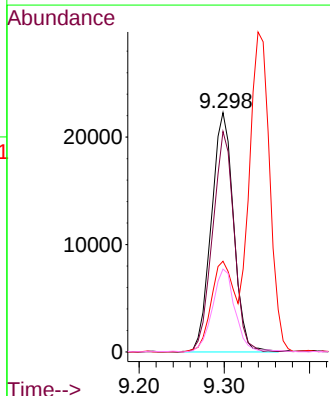
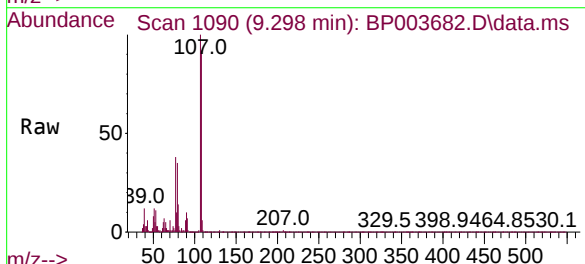
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

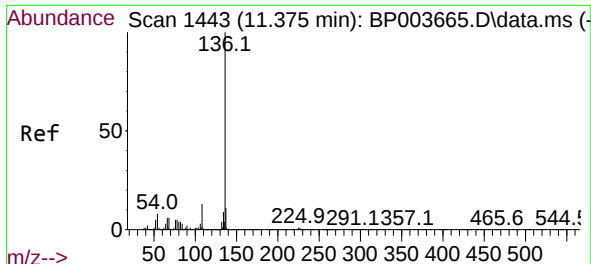
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 29041 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 46.7  | 32.8  | 49.2  |
| 101      | 9.9   | 9.6   | 14.4  |
| 130      | 19.3  | 24.3  | 36.5# |



#20  
3+4-Methylphenols  
Concen: 4.45 ng  
RT: 9.298 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 40365 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 92.1  | 69.0  | 109.0 |
| 77       | 37.9  | 8.5   | 48.5  |
| 79       | 34.6  | 4.8   | 44.8  |

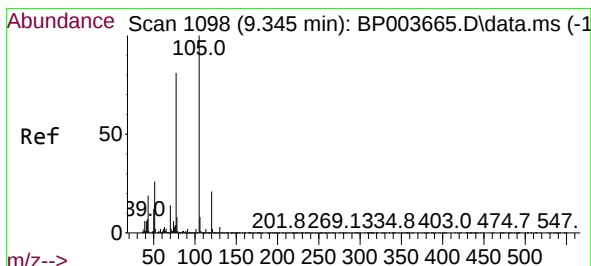
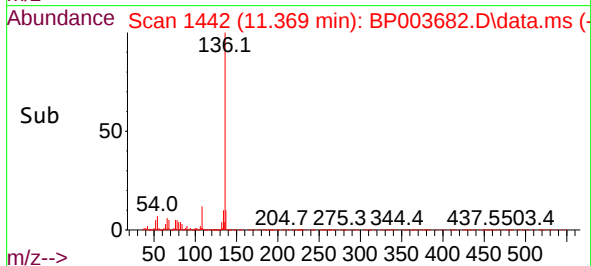
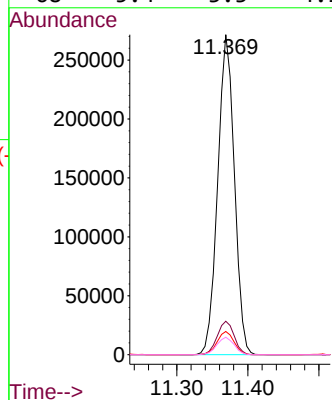
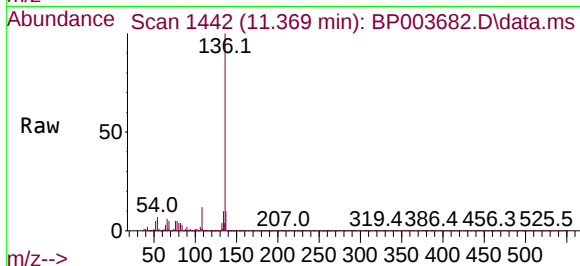




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.369 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

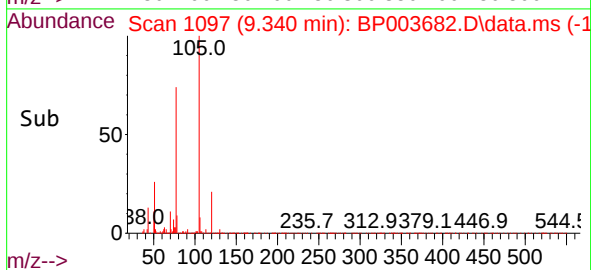
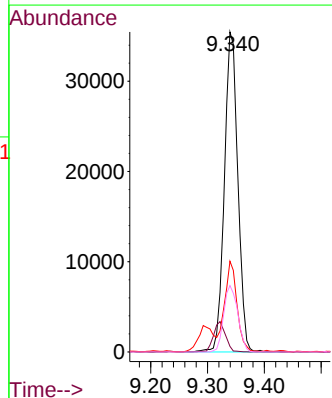
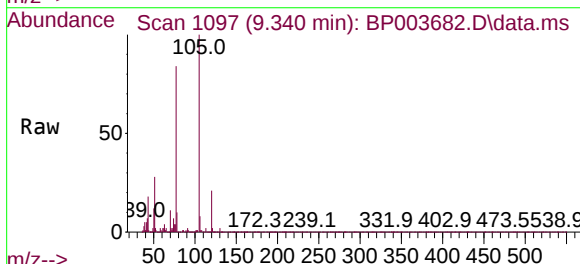
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

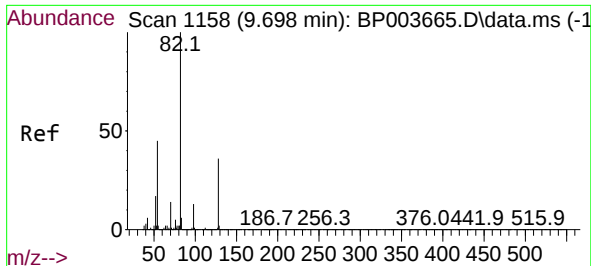
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 440894 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.4  | 8.6   | 13.0   |
| 54       | 7.2   | 3.6   | 5.4#   |
| 68       | 5.4   | 3.3   | 4.9#   |



#22  
Acetophenone  
Concen: 4.54 ng  
RT: 9.340 min Scan# 1097  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 58618 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 1.8   | 2.6   | 3.8#  |
| 51       | 28.3  | 13.5  | 20.3# |
| 120      | 20.8  | 19.6  | 29.4  |

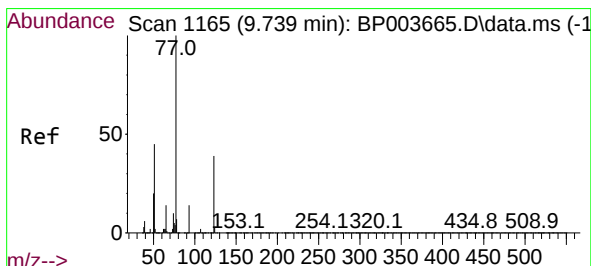
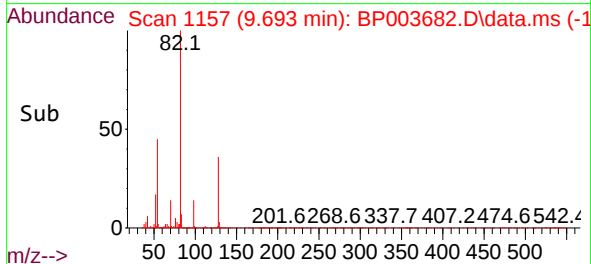
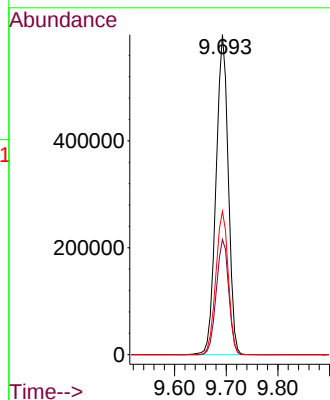
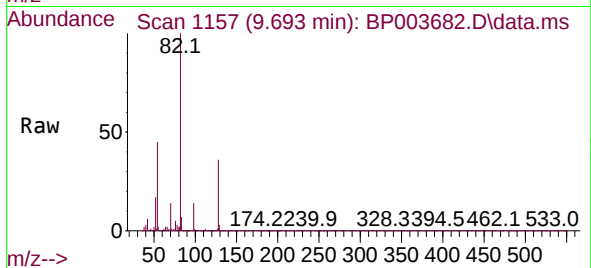




#23  
Nitrobenzene-d5  
Concen: 94.62 ng  
RT: 9.693 min Scan# 1157  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

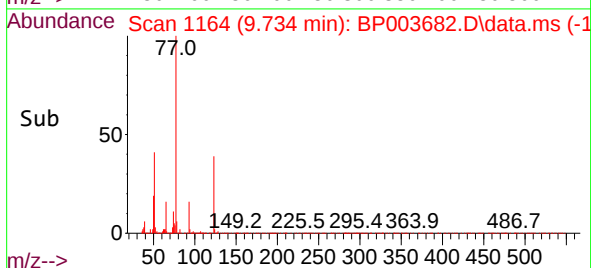
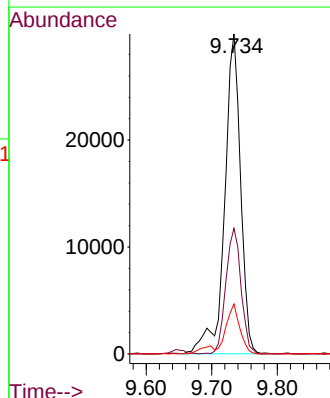
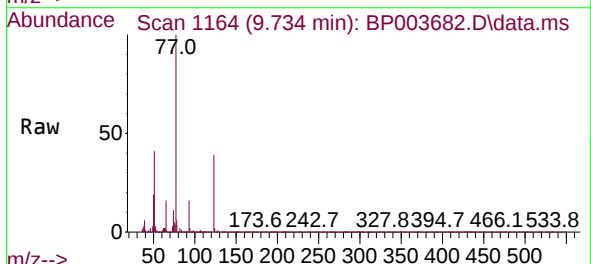
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

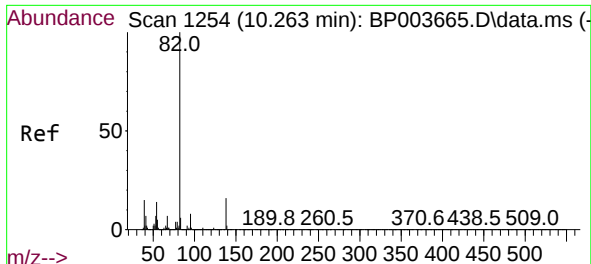
Tgt Ion: 82 Resp: 986137  
Ion Ratio Lower Upper  
82 100  
128 36.0 45.6 68.4#  
54 44.8 30.1 45.1



#24  
Nitrobenzene  
Concen: 5.02 ng  
RT: 9.734 min Scan# 1164  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion: 77 Resp: 50418  
Ion Ratio Lower Upper  
77 100  
123 39.3 48.6 72.8#  
65 15.7 10.0 15.0#

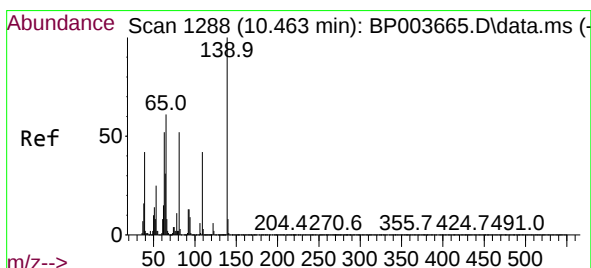
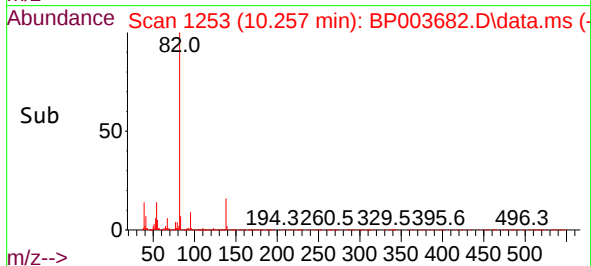
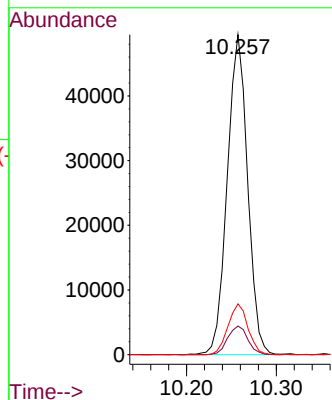
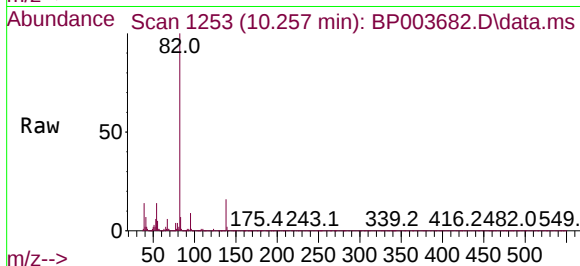




#25  
Isophorone  
Concen: 4.64 ng  
RT: 10.257 min Scan# 1253  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

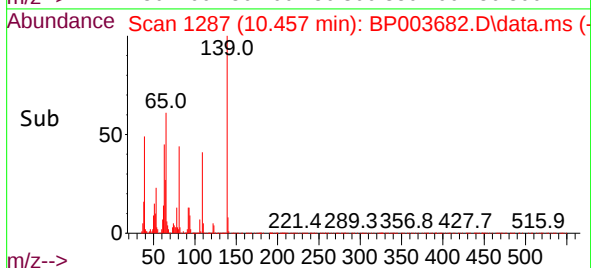
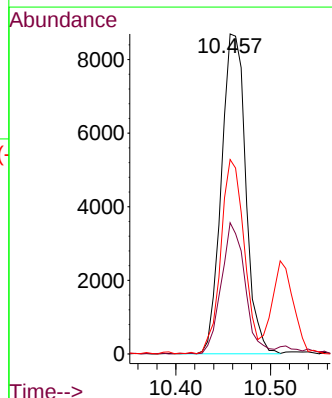
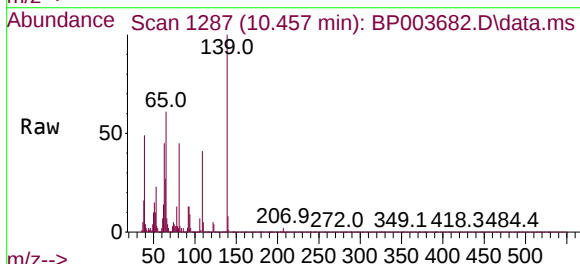
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

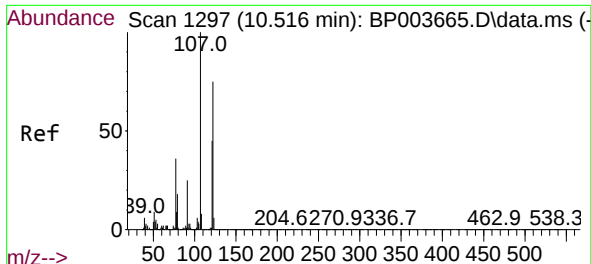
Tgt Ion: 82 Resp: 77877  
Ion Ratio Lower Upper  
82 100  
95 8.9 6.4 9.6  
138 15.9 18.7 28.1#



#26  
2-Nitrophenol  
Concen: 4.14 ng  
RT: 10.457 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion: 139 Resp: 15517  
Ion Ratio Lower Upper  
139 100  
109 41.0 22.1 33.1#  
65 60.7 26.5 39.7#

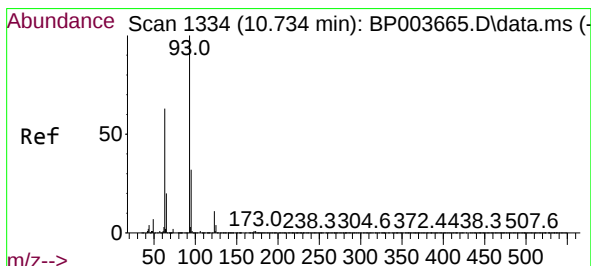
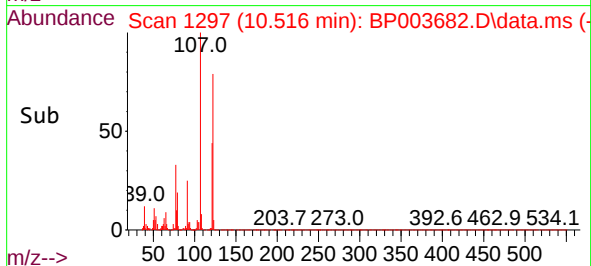
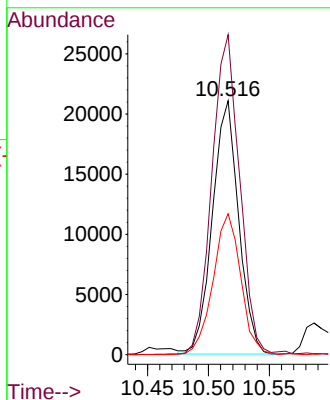
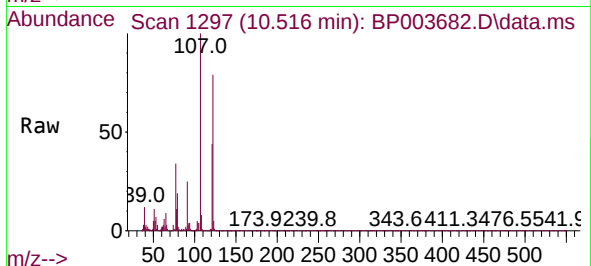




#27  
2,4-Dimethylphenol  
Concen: 5.36 ng  
RT: 10.516 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

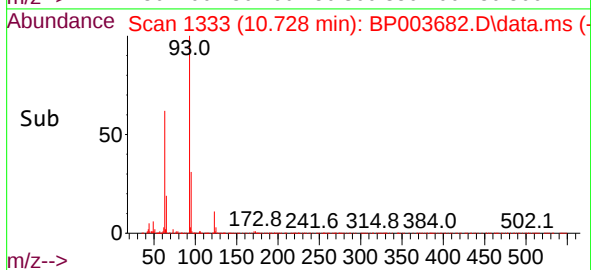
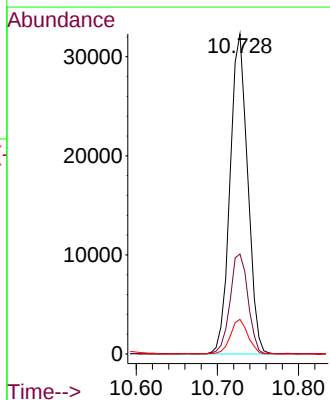
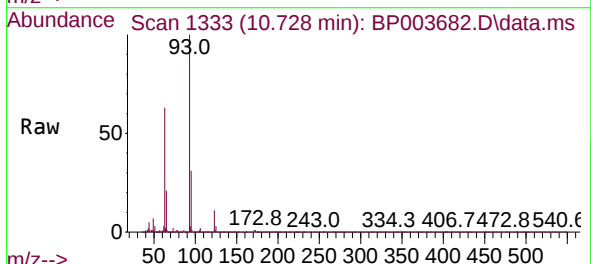
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

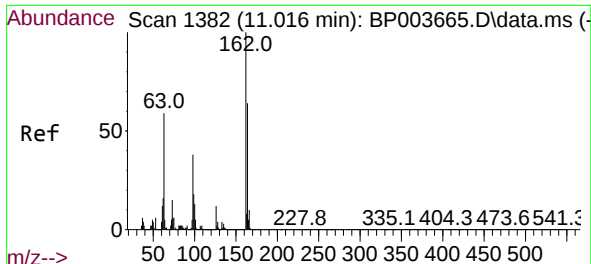
Tgt Ion:122 Resp: 31546  
Ion Ratio Lower Upper  
122 100  
107 126.0 87.3 130.9  
121 55.5 47.3 70.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 4.53 ng  
RT: 10.728 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion: 93 Resp: 48584  
Ion Ratio Lower Upper  
93 100  
95 31.3 26.7 40.1  
123 10.8 10.5 15.7

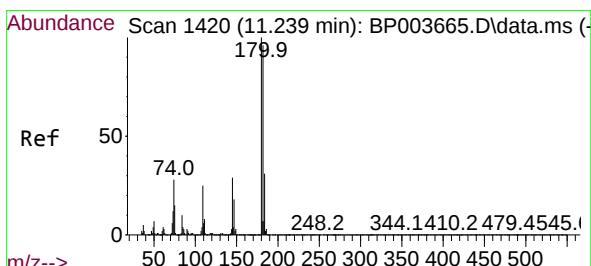
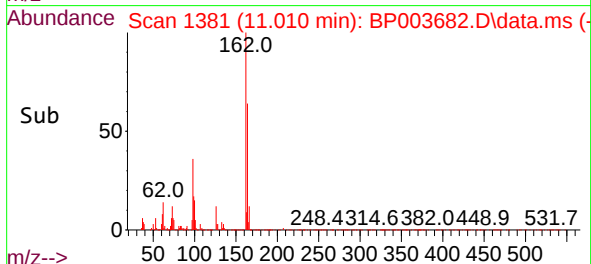
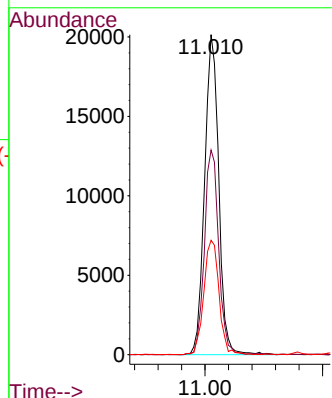
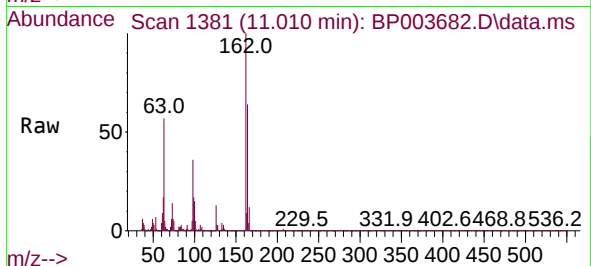




#29  
2,4-Dichlorophenol  
Concen: 4.37 ng  
RT: 11.010 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

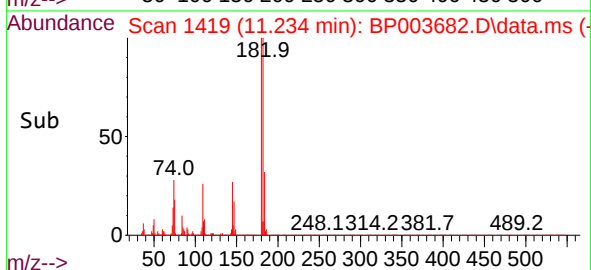
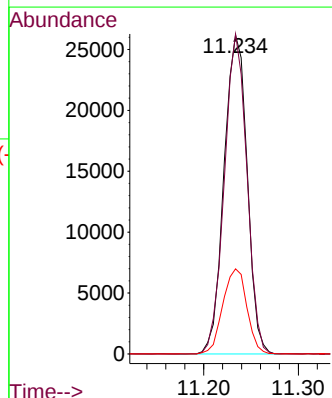
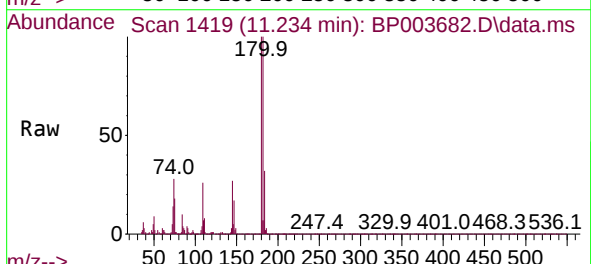
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

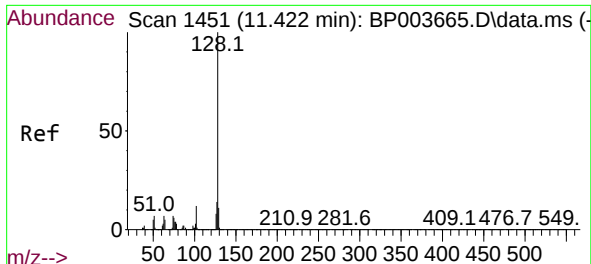
Tgt Ion:162 Resp: 33702  
Ion Ratio Lower Upper  
162 100  
164 64.0 45.8 85.8  
98 35.8 10.2 50.2



#30  
1,2,4-Trichlorobenzene  
Concen: 4.50 ng  
RT: 11.234 min Scan# 1419  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:180 Resp: 44492  
Ion Ratio Lower Upper  
180 100  
182 100.4 76.2 114.2  
145 26.7 23.8 35.8

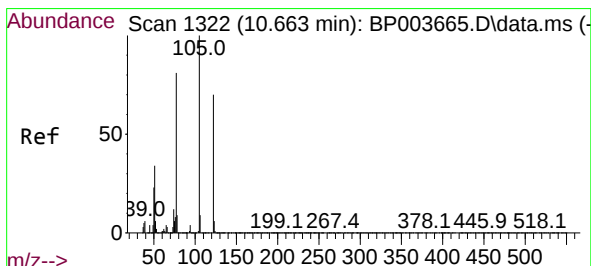
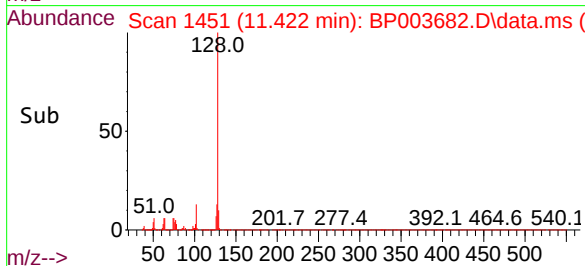
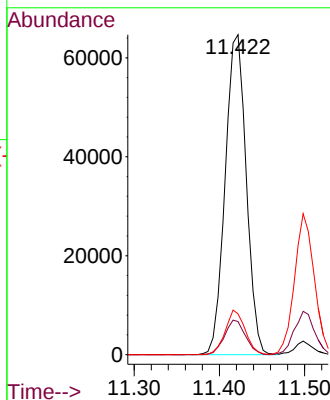
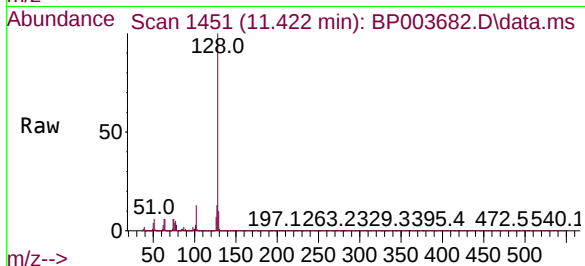




#31  
Naphthalene  
Concen: 4.67 ng  
RT: 11.422 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

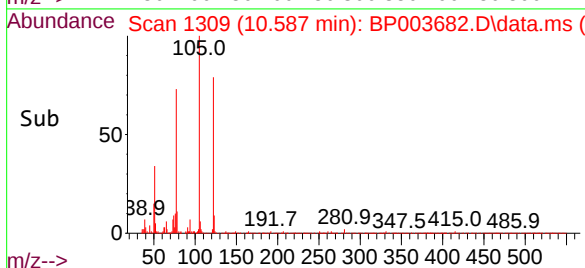
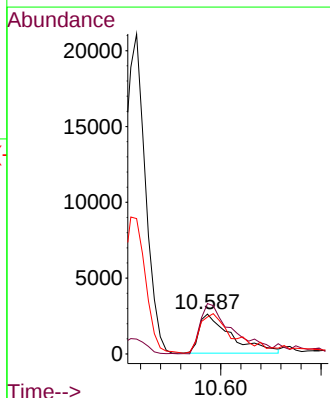
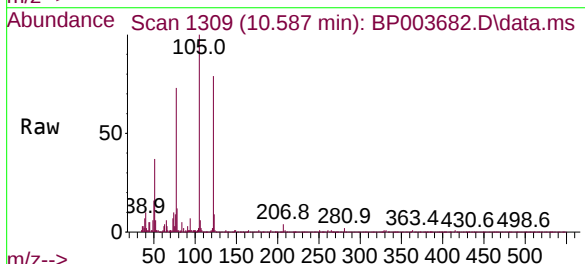
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

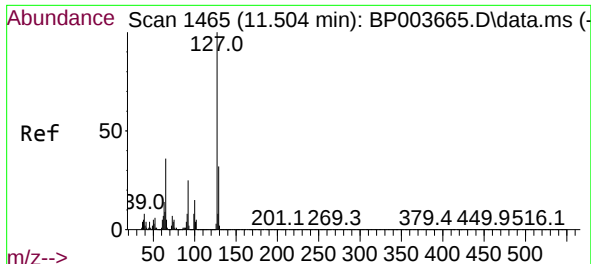
Tgt Ion:128 Resp: 111081  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.8 13.2  
127 12.7 10.6 15.8



#32  
Benzoic acid  
Concen: 1.64 ng  
RT: 10.587 min Scan# 1309  
Delta R.T. -0.076 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:122 Resp: 5737  
Ion Ratio Lower Upper  
122 100  
105 126.4 94.1 134.1  
77 92.6 50.1 90.1#

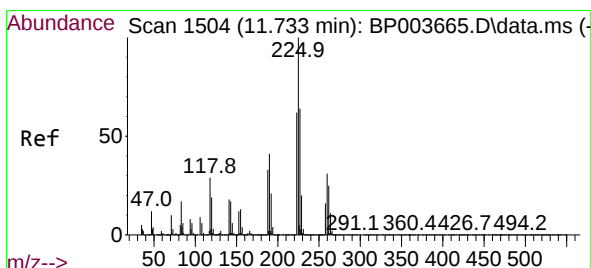
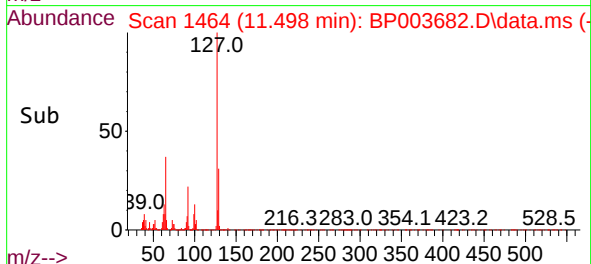
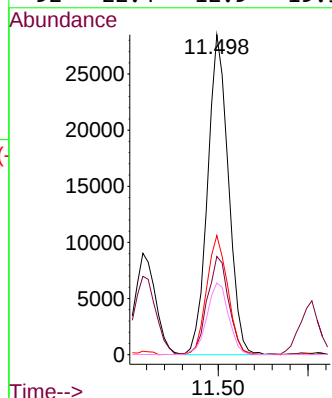
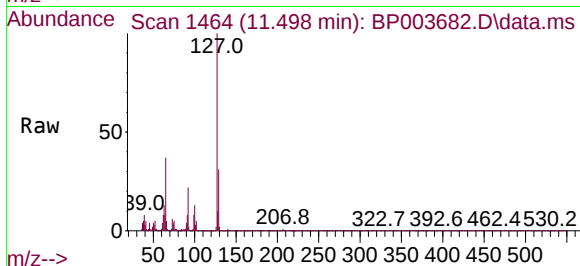




#33  
4-Chloroaniline  
Concen: 4.68 ng  
RT: 11.498 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

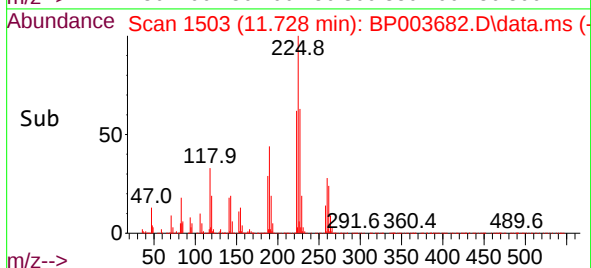
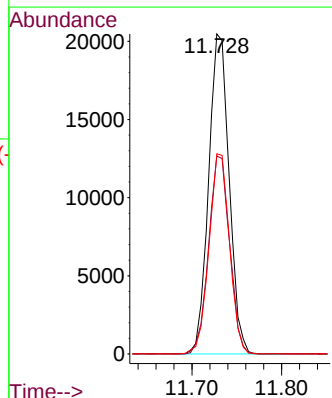
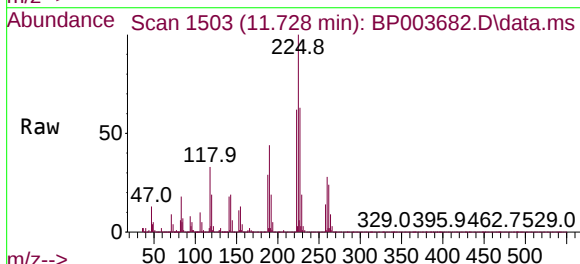
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

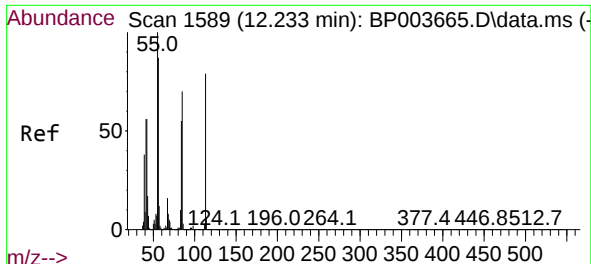
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 45885 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.7  | 25.7  | 38.5  |
| 65       | 37.3  | 17.3  | 25.9# |
| 92       | 22.4  | 12.9  | 19.3# |



#34  
Hexachlorobutadiene  
Concen: 4.35 ng  
RT: 11.728 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 32445 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.9  | 50.1  | 75.1  |
| 227      | 62.5  | 51.4  | 77.2  |

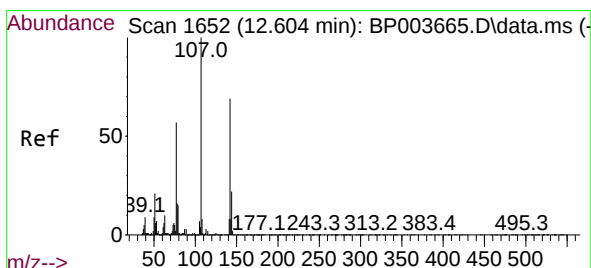
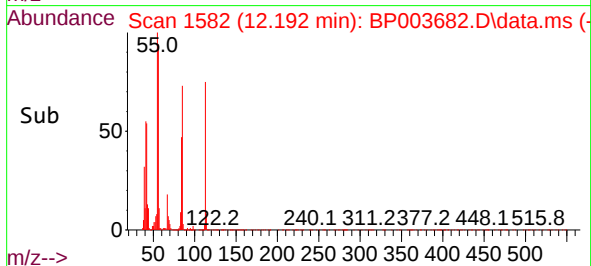
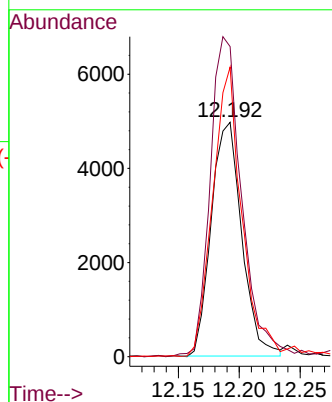
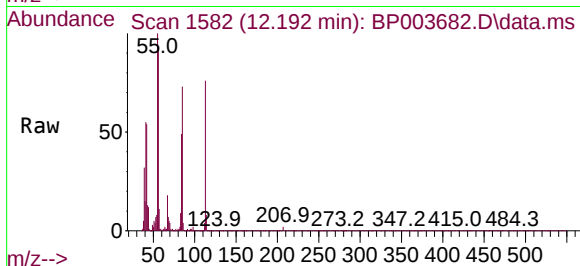




#35  
Caprolactam  
Concen: 3.83 ng  
RT: 12.192 min Scan# 1582  
Delta R.T. -0.041 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

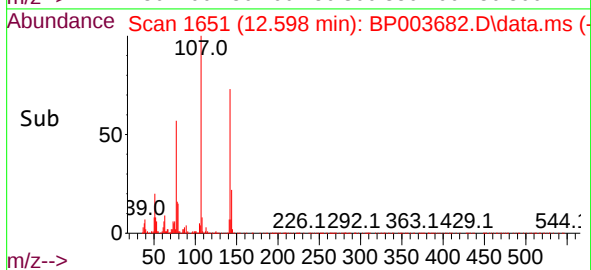
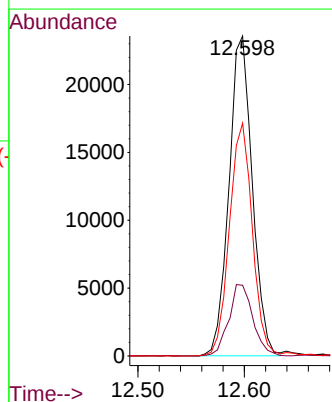
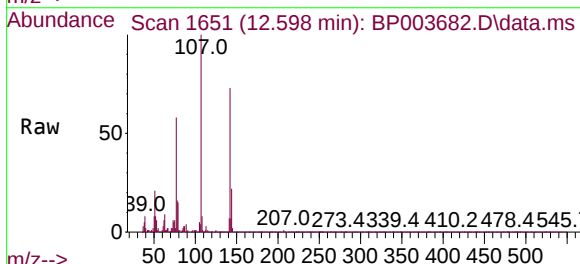
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

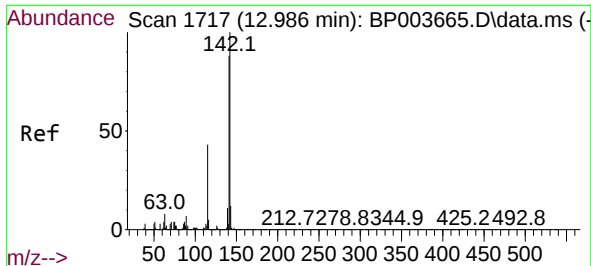
Tgt Ion:113 Resp: 8659  
Ion Ratio Lower Upper  
113 100  
55 132.2 77.3 117.3#  
56 123.5 55.9 95.9#



#36  
4-Chloro-3-methylphenol  
Concen: 4.29 ng  
RT: 12.598 min Scan# 1651  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:107 Resp: 35928  
Ion Ratio Lower Upper  
107 100  
144 22.1 22.7 34.1#  
142 72.8 70.7 106.1

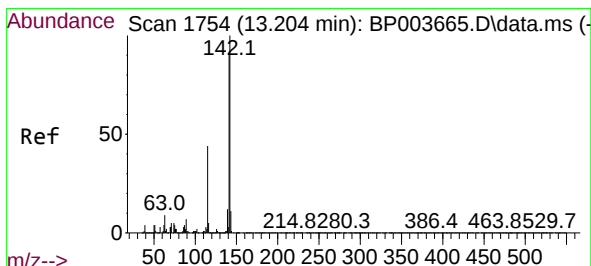
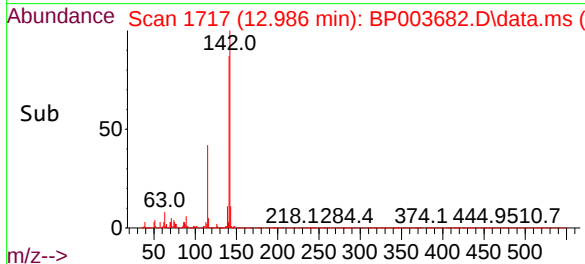
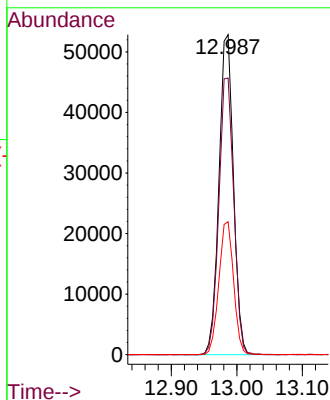
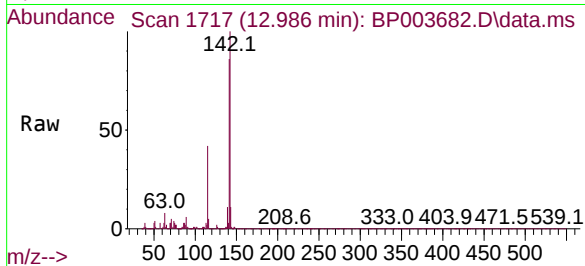




#37  
2-Methylnaphthalene  
Concen: 4.68 ng  
RT: 12.986 min Scan# 1717  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

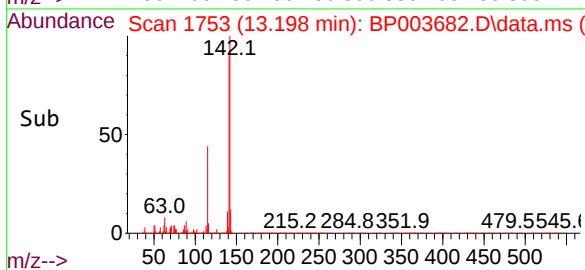
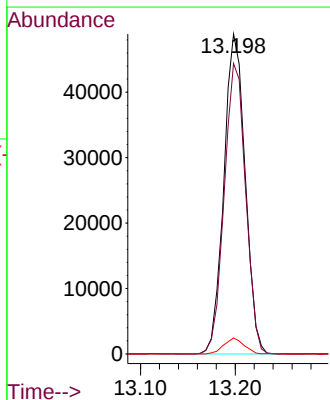
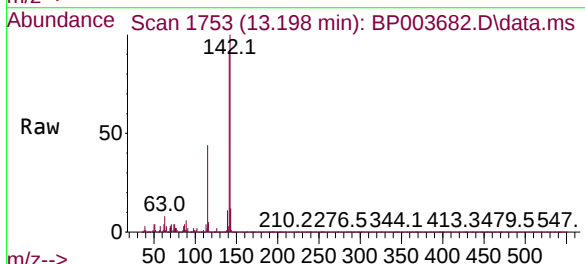
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

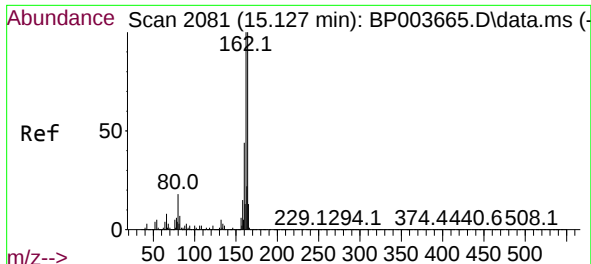
Tgt Ion:142 Resp: 80788  
Ion Ratio Lower Upper  
142 100  
141 86.4 71.4 107.2  
115 41.5 25.8 38.6#



#38  
1-Methylnaphthalene  
Concen: 4.69 ng  
RT: 13.198 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:142 Resp: 76397  
Ion Ratio Lower Upper  
142 100  
141 90.8 74.4 111.6  
116 5.0 2.9 4.3#

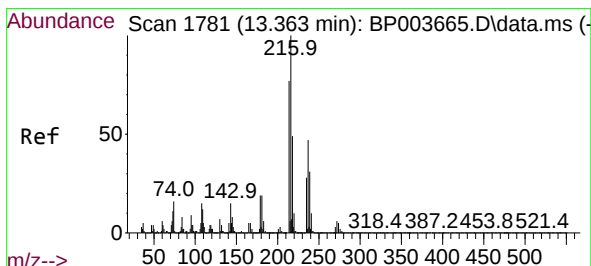
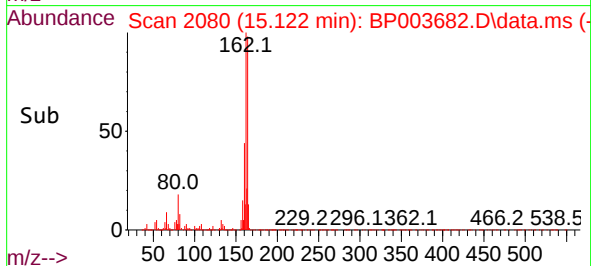
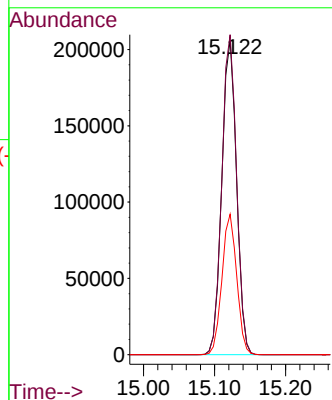
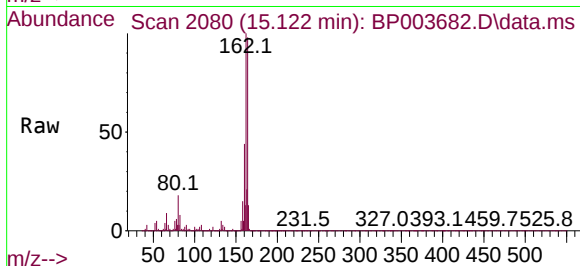




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 15.122 min Scan# 2080  
Delta R.T. -0.005 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

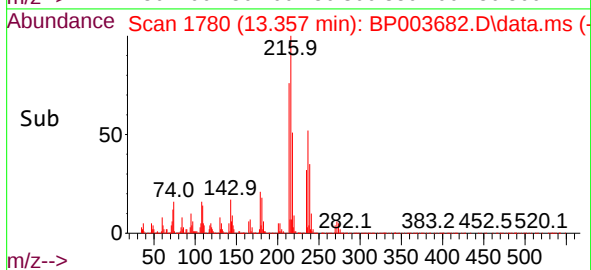
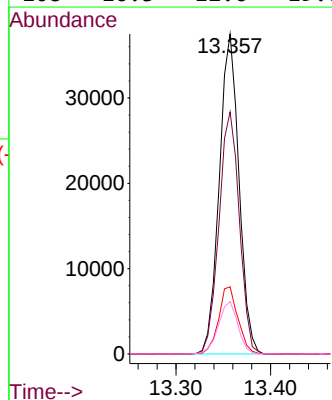
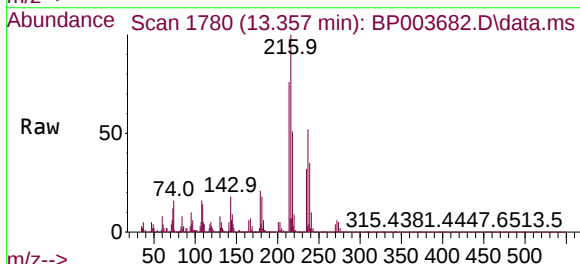
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

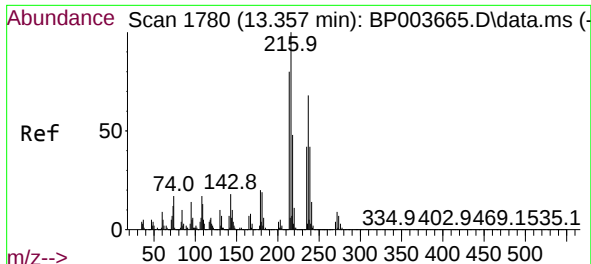
Tgt Ion:164 Resp: 295410  
Ion Ratio Lower Upper  
164 100  
162 101.8 79.4 119.2  
160 44.7 36.1 54.1



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.63 ng  
RT: 13.357 min Scan# 1780  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:216 Resp: 54181  
Ion Ratio Lower Upper  
216 100  
214 78.1 63.0 94.6  
179 20.7 16.9 25.3  
108 16.3 12.6 19.0

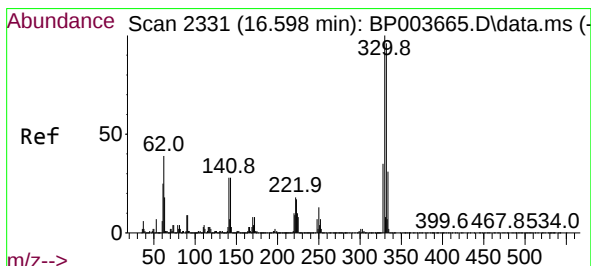
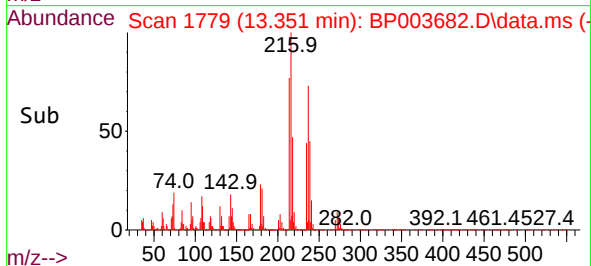
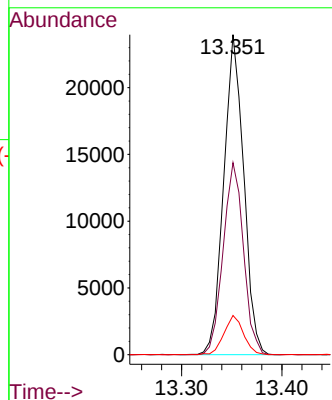
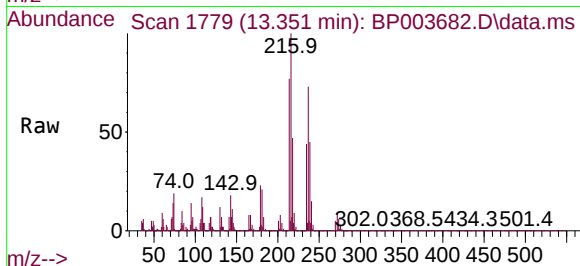




#41  
Hexachlorocyclopentadiene  
Concen: 4.90 ng  
RT: 13.351 min Scan# 1779  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

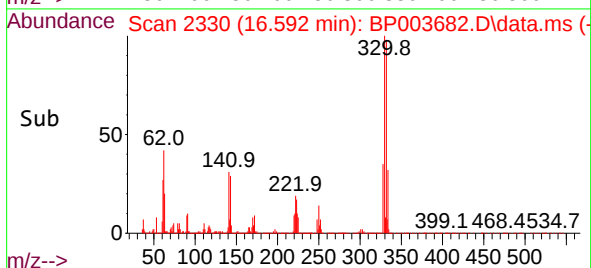
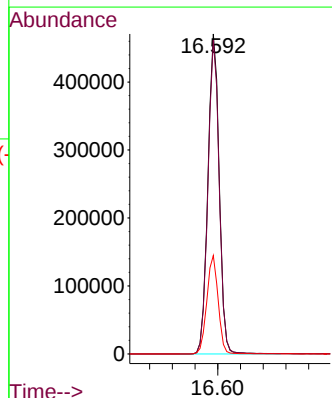
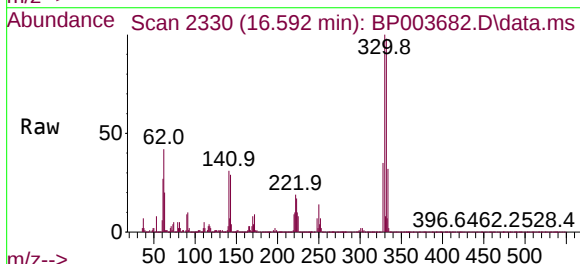
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

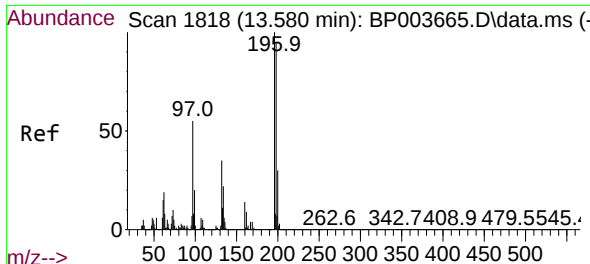
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 33158     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 60.0  | 43.2 83.2 |
| 272         | 12.3  | 0.0 33.3  |



#42  
2,4,6-Tribromophenol  
Concen: 140.34 ng  
RT: 16.592 min Scan# 2330  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 646792     |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 97.7  | 77.1 115.7 |
| 141         | 30.8  | 23.4 35.2  |

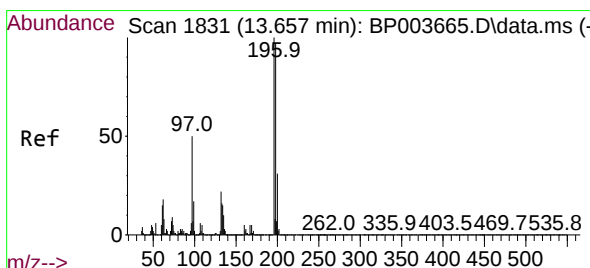
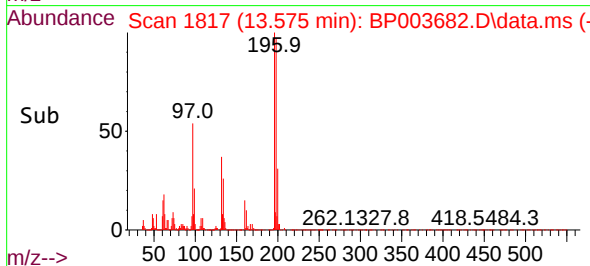
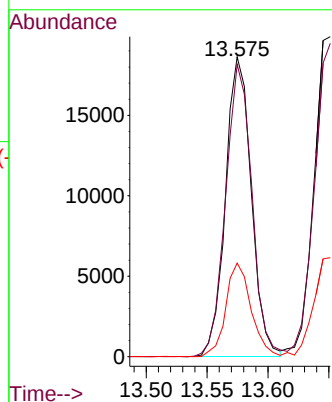
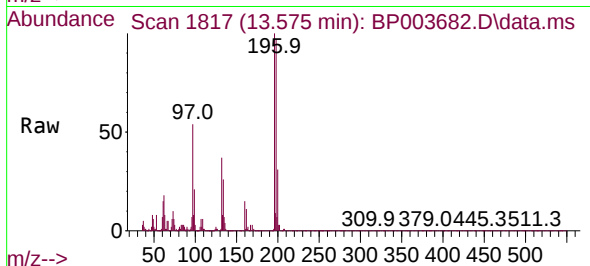




#43  
2,4,6-Trichlorophenol  
Concen: 3.95 ng  
RT: 13.575 min Scan# 1817  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

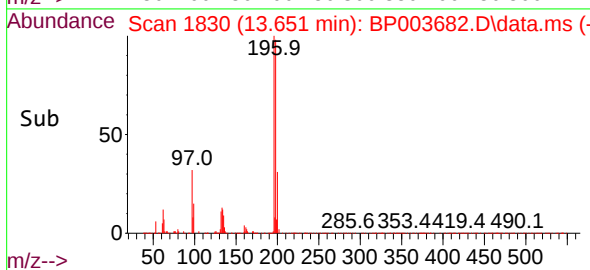
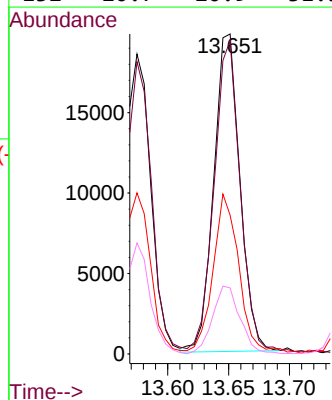
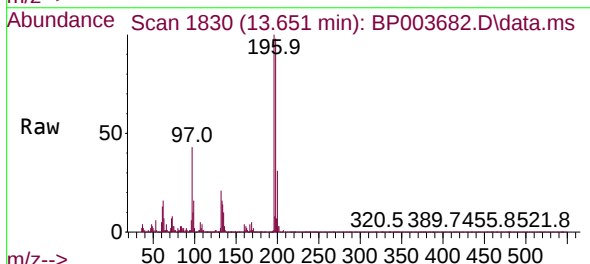
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

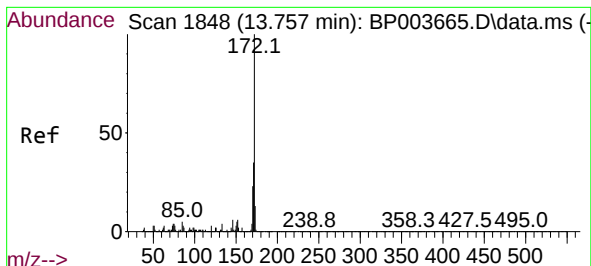
Tgt Ion:196 Resp: 27493  
Ion Ratio Lower Upper  
196 100  
198 97.5 77.0 115.6  
200 31.2 25.1 37.7



#44  
2,4,5-Trichlorophenol  
Concen: 4.10 ng  
RT: 13.651 min Scan# 1830  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:196 Resp: 29621  
Ion Ratio Lower Upper  
196 100  
198 97.9 77.3 115.9  
97 43.4 31.0 46.4  
132 20.7 20.9 31.3#

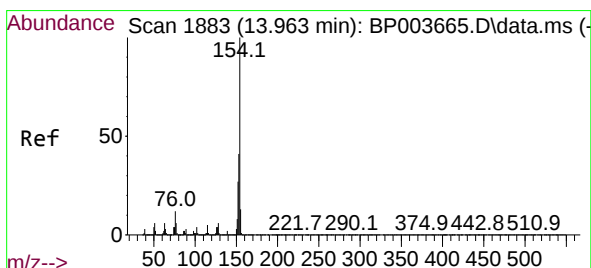
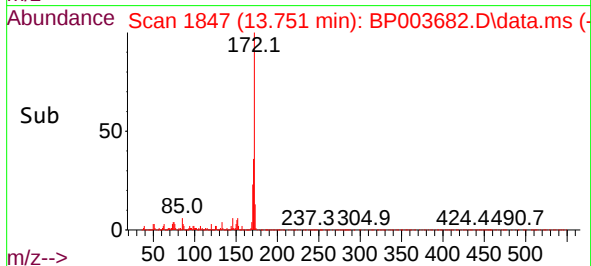
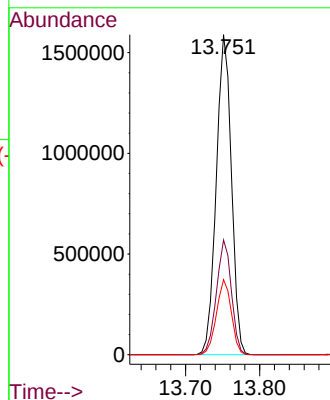
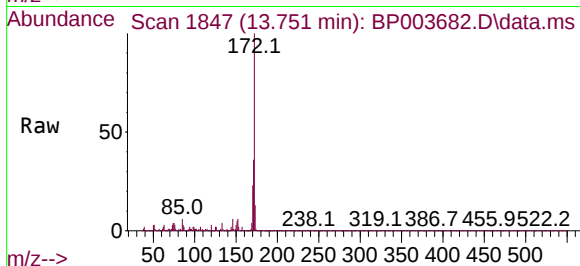




#45  
2-Fluorobiphenyl  
Concen: 98.48 ng  
RT: 13.751 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

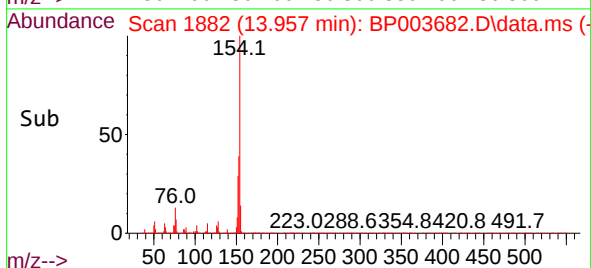
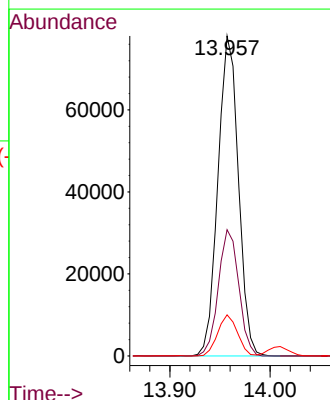
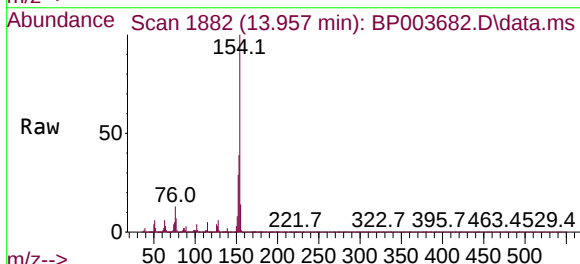
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

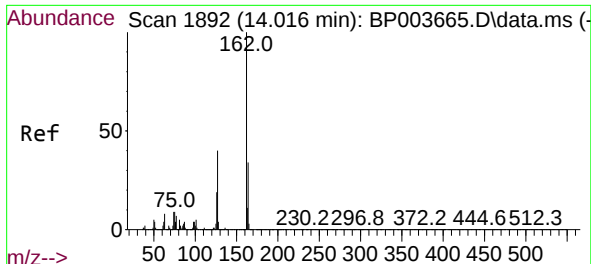
Tgt Ion:172 Resp: 2250234  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.5 42.7  
170 23.5 19.2 28.8



#46  
1,1'-Biphenyl  
Concen: 4.80 ng  
RT: 13.957 min Scan# 1882  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:154 Resp: 110526  
Ion Ratio Lower Upper  
154 100  
153 39.5 20.4 60.4  
76 12.8 0.0 29.3

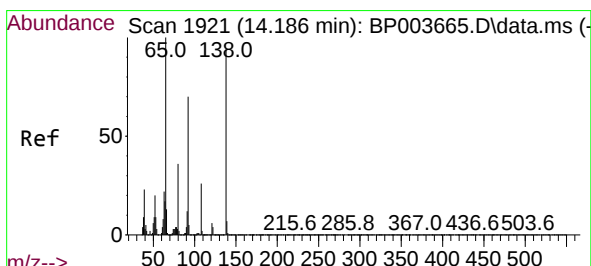
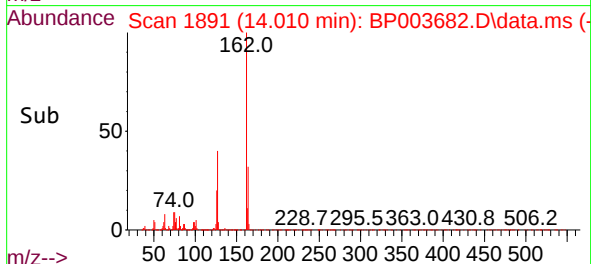
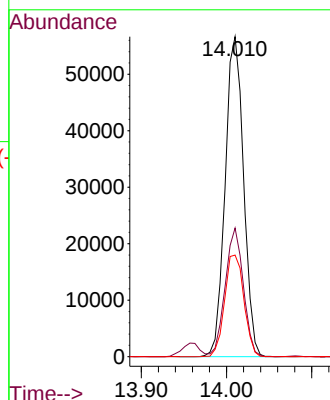
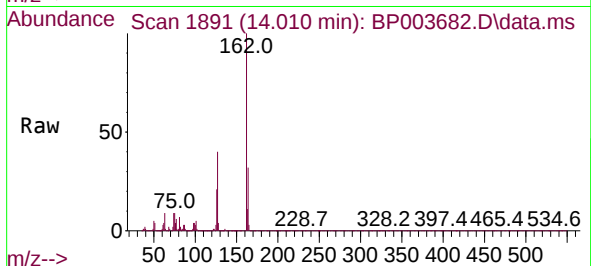




#47  
2-Chloronaphthalene  
Concen: 4.42 ng  
RT: 14.010 min Scan# 1891  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

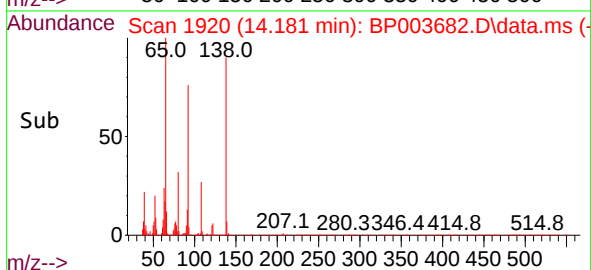
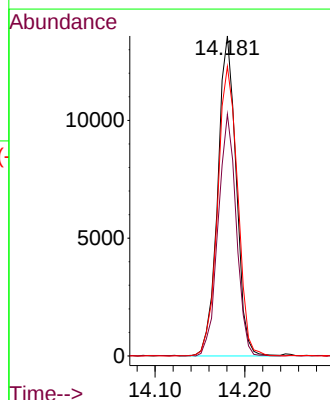
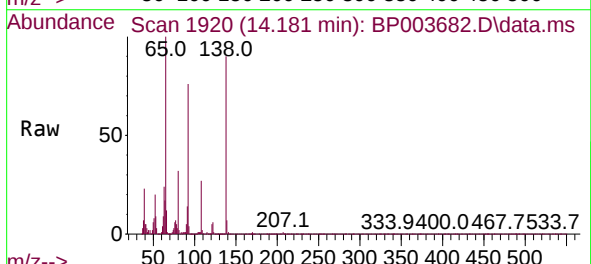
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

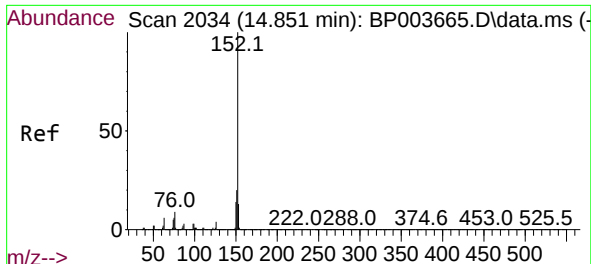
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 85088 |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 127      | 40.2  | 29.9  | 44.9  |
| 164      | 31.7  | 26.1  | 39.1  |



#48  
2-Nitroaniline  
Concen: 3.41 ng  
RT: 14.181 min Scan# 1920  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 19427 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 92       | 75.5  | 70.6  | 106.0 |
| 138      | 90.4  | 133.6 | 200.4 |

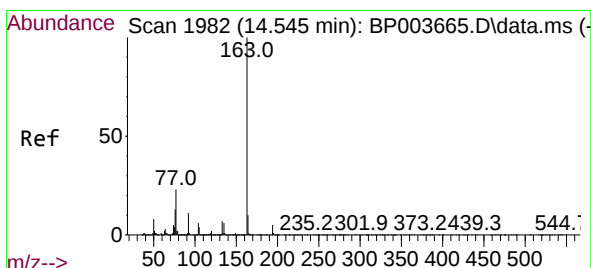
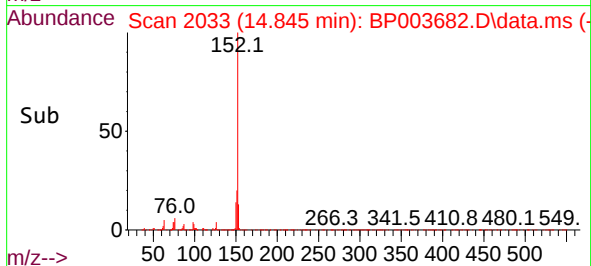
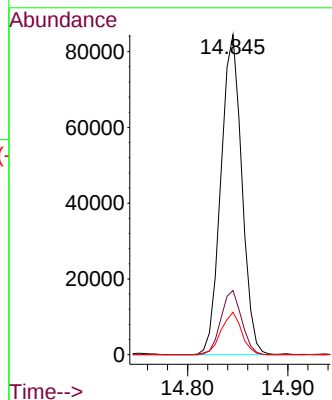
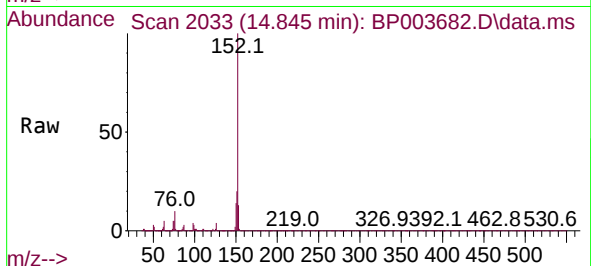




#49  
Acenaphthylene  
Concen: 4.45 ng  
RT: 14.845 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

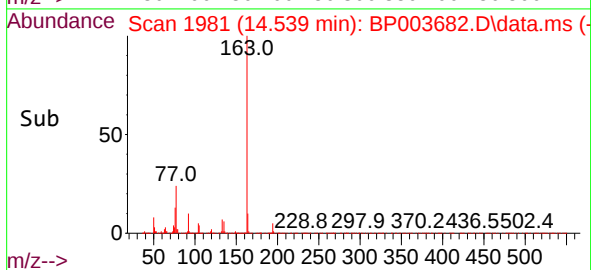
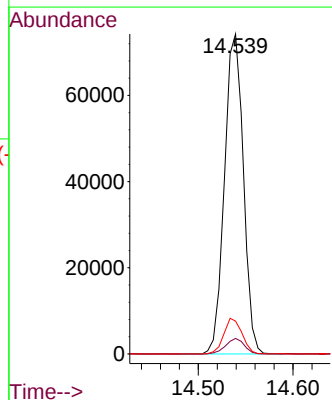
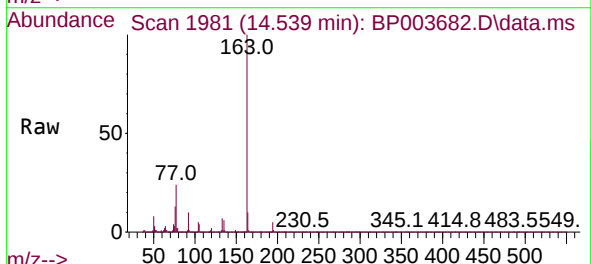
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

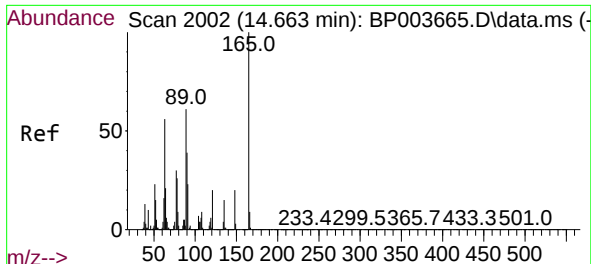
Tgt Ion:152 Resp: 122257  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 13.2 10.5 15.7



#50  
Dimethylphthalate  
Concen: 4.24 ng  
RT: 14.539 min Scan# 1981  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:163 Resp: 102944  
Ion Ratio Lower Upper  
163 100  
194 4.8 3.3 4.9  
164 10.2 8.2 12.2

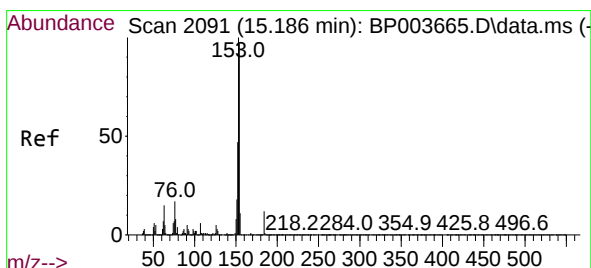
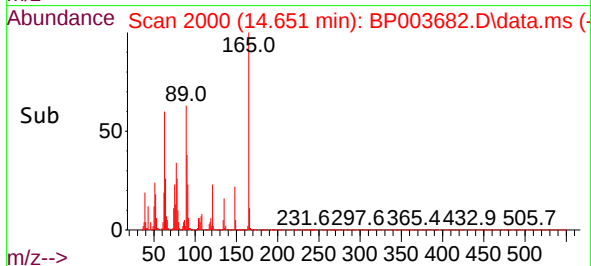
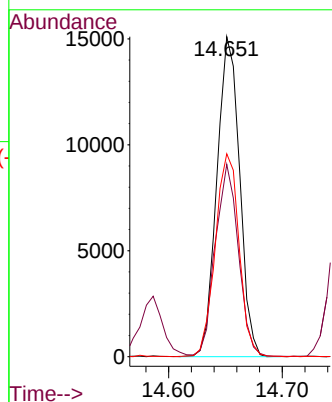
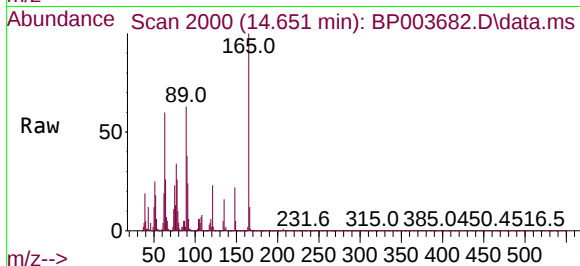




#51  
2,6-Dinitrotoluene  
Concen: 4.25 ng  
RT: 14.651 min Scan# 2000  
Delta R.T. -0.012 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

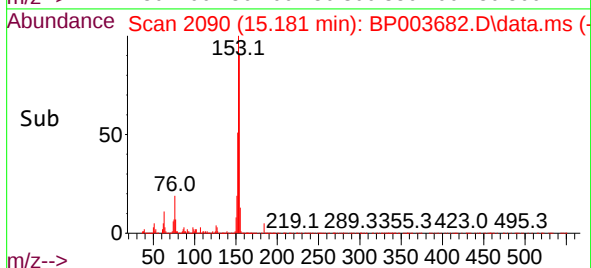
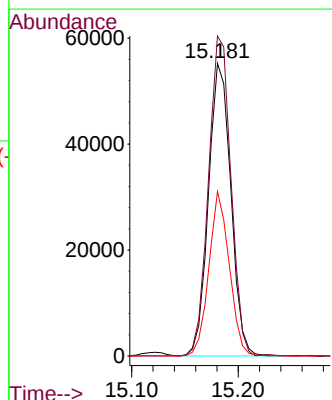
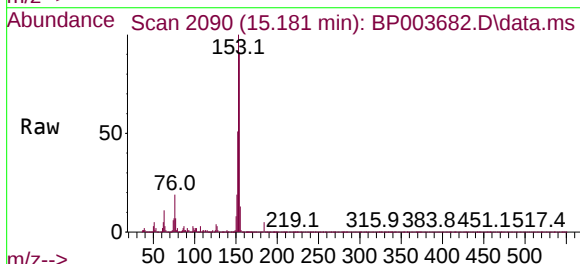
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

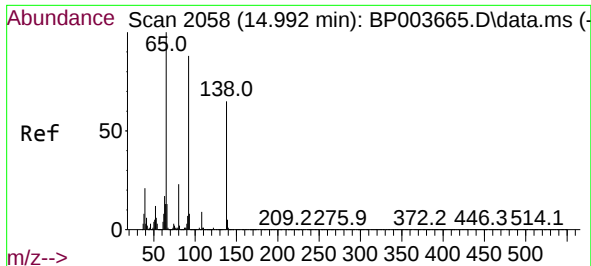
Tgt Ion:165 Resp: 20992  
Ion Ratio Lower Upper  
165 100  
63 60.1 27.8 41.6#  
89 63.4 34.6 52.0#



#52  
Acenaphthene  
Concen: 4.35 ng  
RT: 15.181 min Scan# 2090  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:154 Resp: 80716  
Ion Ratio Lower Upper  
154 100  
153 109.3 91.0 136.6  
152 56.2 43.0 64.6

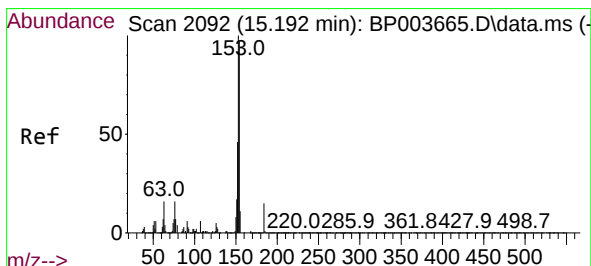
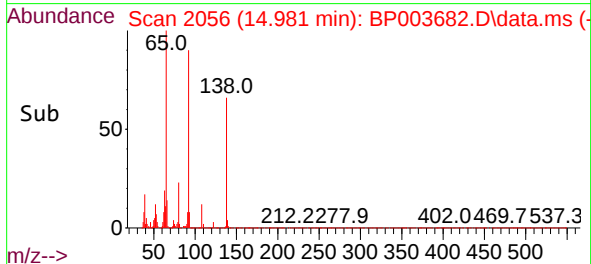
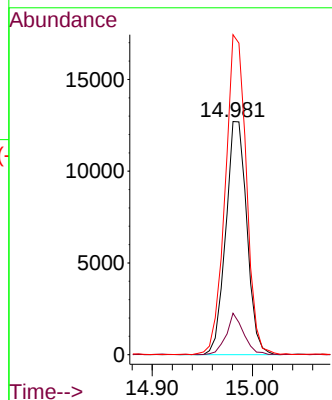
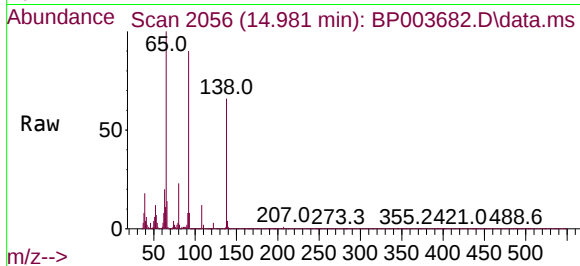




#53  
3-Nitroaniline  
Concen: 3.82 ng  
RT: 14.981 min Scan# 2056  
Delta R.T. -0.012 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

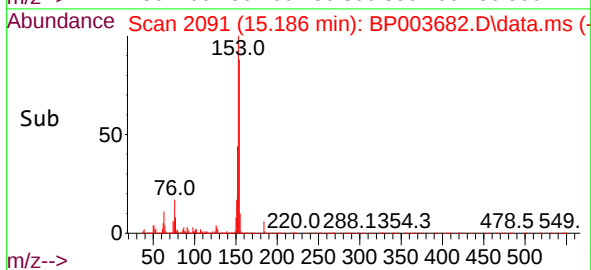
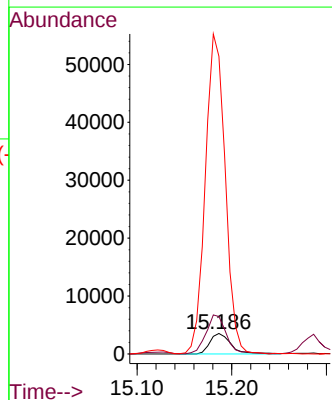
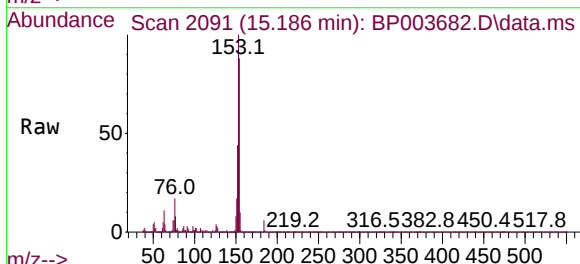
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

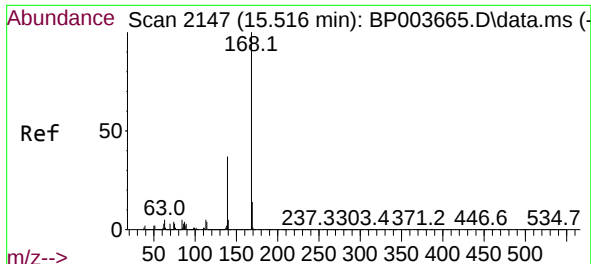
Tgt Ion:138 Resp: 18515  
Ion Ratio Lower Upper  
138 100  
108 17.8 7.5 11.3#  
92 137.3 75.0 112.6#



#54  
2,4-Dinitrophenol  
Concen: 2.41 ng  
RT: 15.186 min Scan# 2091  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:184 Resp: 5449  
Ion Ratio Lower Upper  
184 100  
63 183.0 32.3 48.5#  
154 1453.8 49.1 73.7#

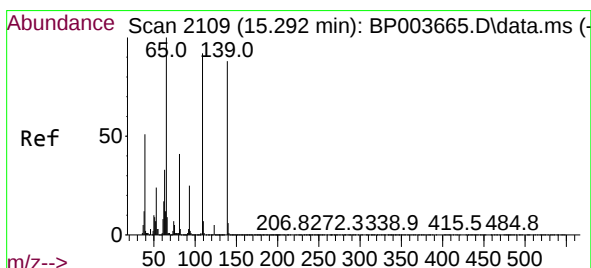
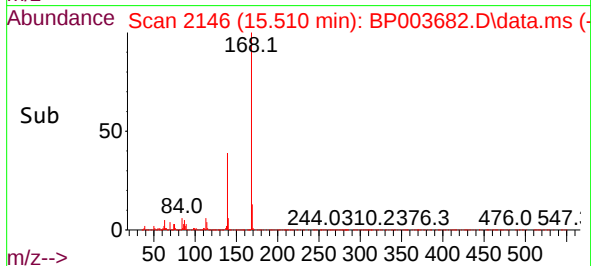
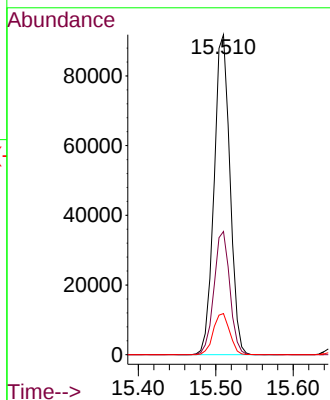
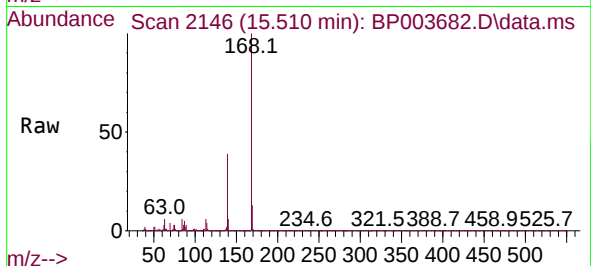




#55  
Dibenzofuran  
Concen: 4.65 ng  
RT: 15.510 min Scan# 2146  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

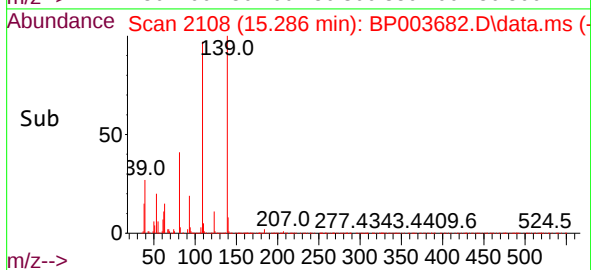
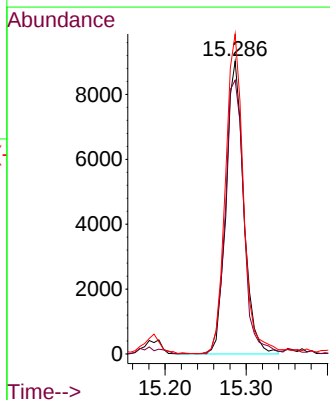
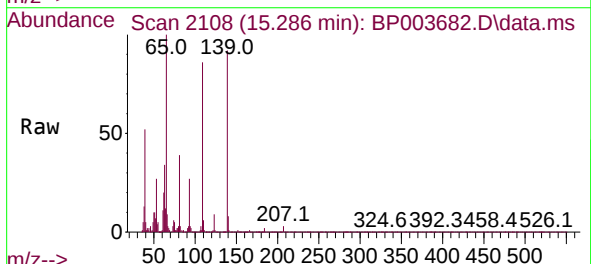
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

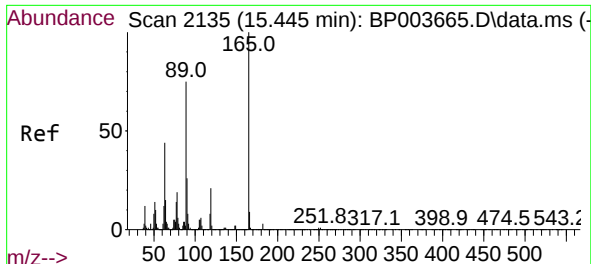
Tgt Ion:168 Resp: 130630  
Ion Ratio Lower Upper  
168 100  
139 38.5 29.1 43.7  
169 12.8 10.4 15.6



#56  
4-Nitrophenol  
Concen: 3.76 ng  
RT: 15.286 min Scan# 2108  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:139 Resp: 13651  
Ion Ratio Lower Upper  
139 100  
109 93.5 44.6 84.6#  
65 109.3 41.6 81.6#

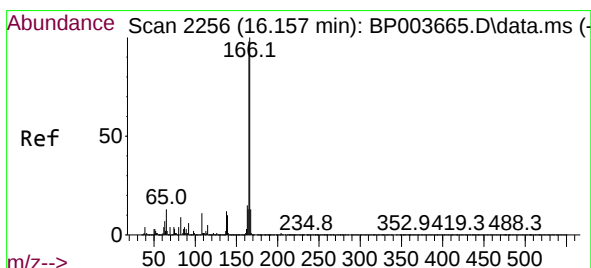
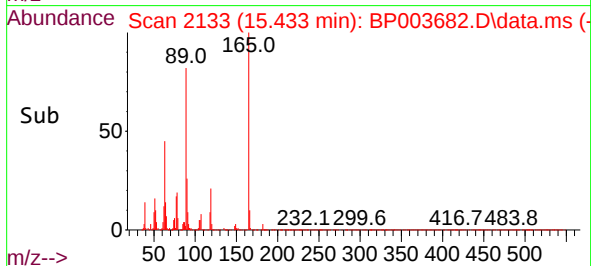
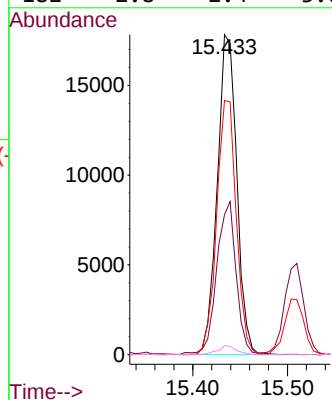
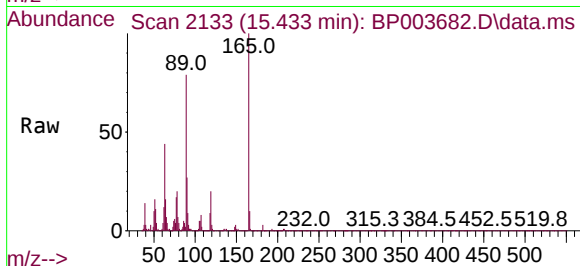




#57  
2,4-Dinitrotoluene  
Concen: 3.83 ng  
RT: 15.433 min Scan# 2133  
Delta R.T. -0.012 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

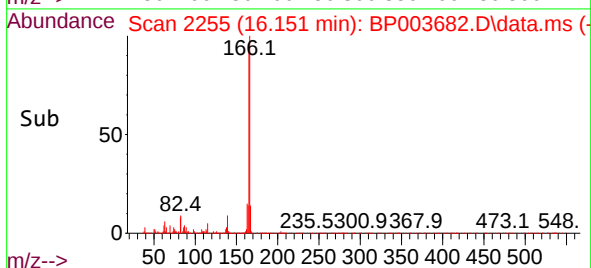
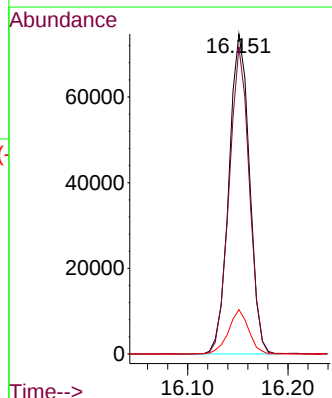
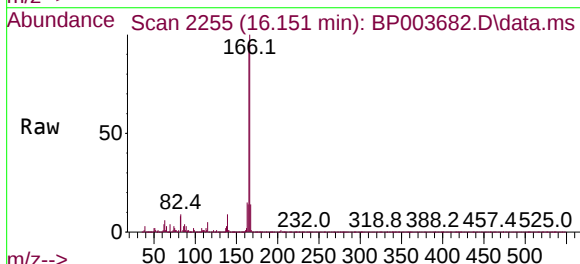
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

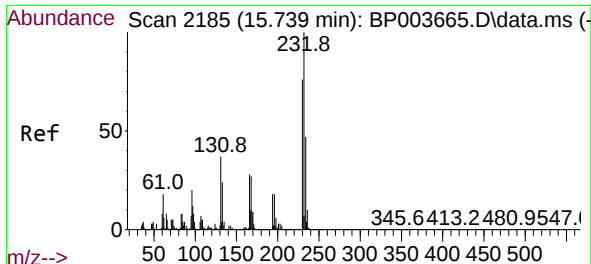
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:165 | Resp: | 25591      |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 43.8  | 20.6 31.0# |
| 89          | 79.4  | 42.6 63.8# |
| 182         | 2.8   | 2.4 3.6    |



#58  
Fluorene  
Concen: 4.68 ng  
RT: 16.151 min Scan# 2255  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 105962     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 95.9  | 77.8 116.8 |
| 167         | 13.9  | 11.0 16.4  |

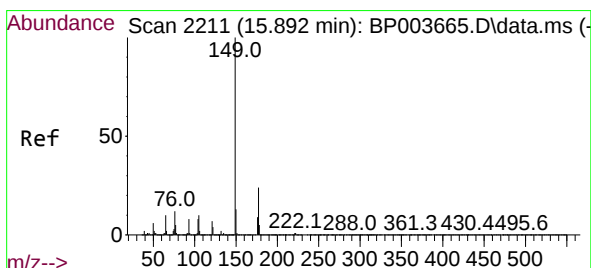
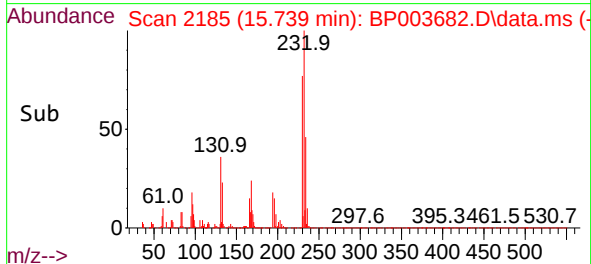
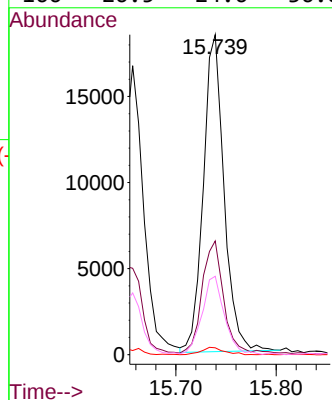
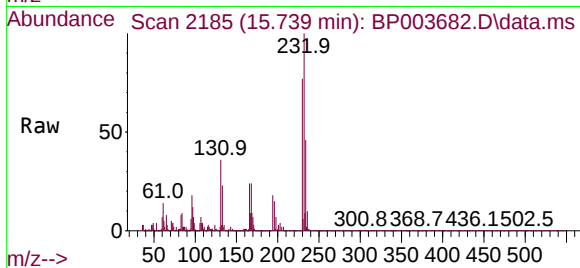




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.83 ng  
RT: 15.739 min Scan# 2185  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

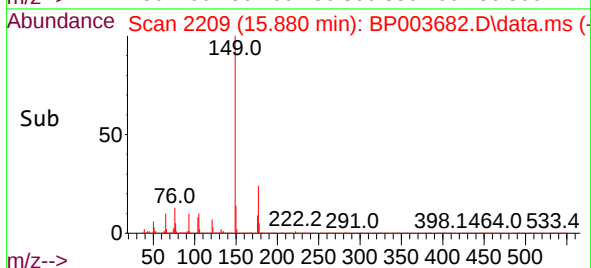
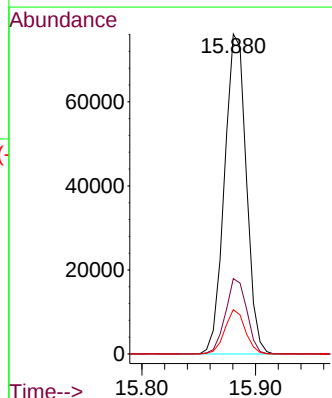
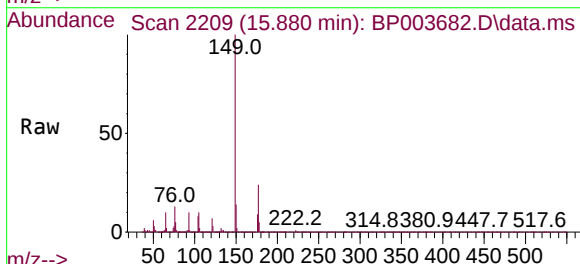
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

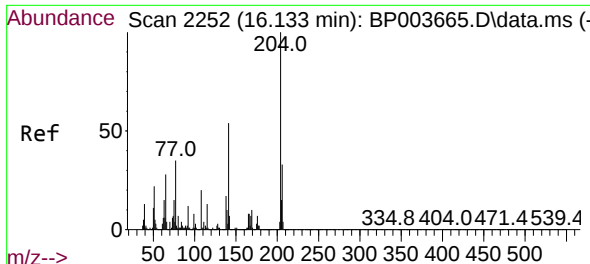
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 26567     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 37.5  | 34.1 51.1 |
| 130         | 2.5   | 1.8 2.8   |
| 166         | 26.5  | 24.6 36.8 |



#60  
Diethylphthalate  
Concen: 4.26 ng  
RT: 15.880 min Scan# 2209  
Delta R.T. -0.012 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 101384    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.6  | 18.0 27.0 |
| 150         | 13.9  | 10.0 15.0 |

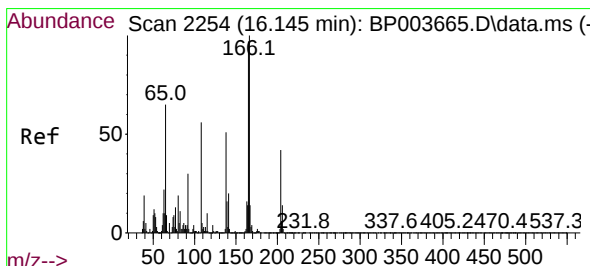
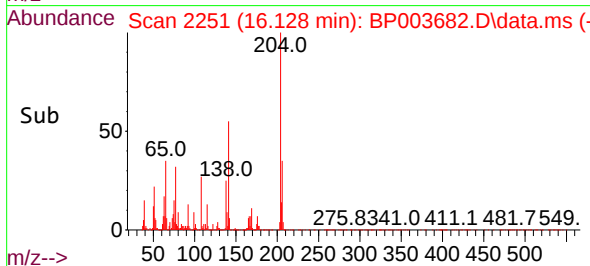
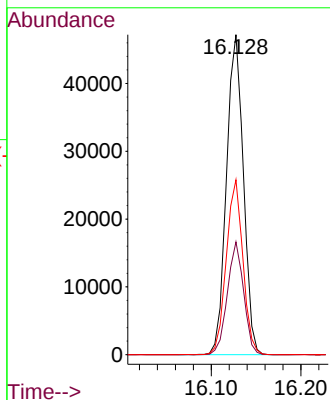
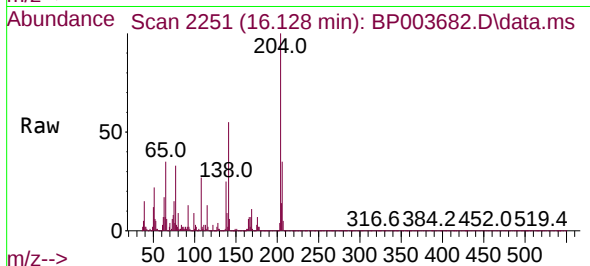




#61  
4-Chlorophenyl-phenylether  
Concen: 4.51 ng  
RT: 16.128 min Scan# 2251  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

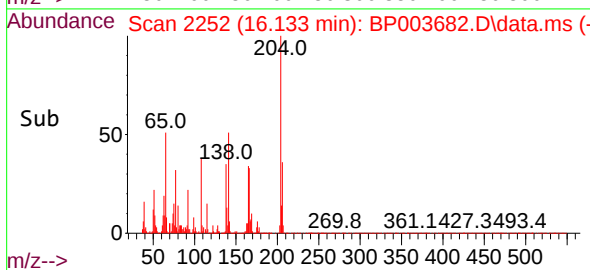
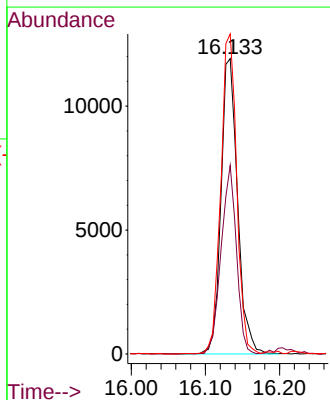
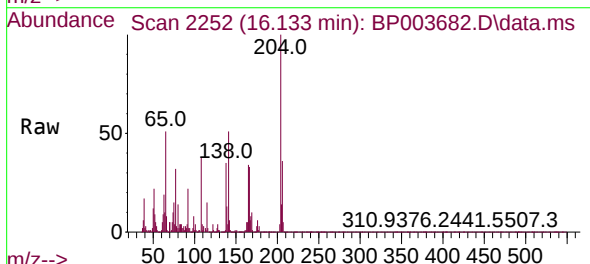
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

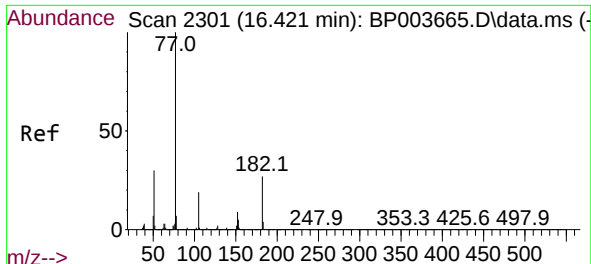
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 204   | Resp: | 61712 |
| Ion Ratio | Lower | Upper |       |
| 204       | 100   |       |       |
| 206       | 35.2  | 25.9  | 38.9  |
| 141       | 54.6  | 46.5  | 69.7  |



#62  
4-Nitroaniline  
Concen: 3.44 ng  
RT: 16.133 min Scan# 2252  
Delta R.T. -0.012 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

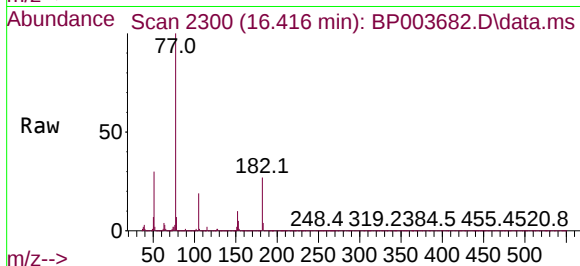
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 18491 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 63.8  | 20.7  | 60.7# |
| 108       | 108.3 | 47.8  | 87.8# |



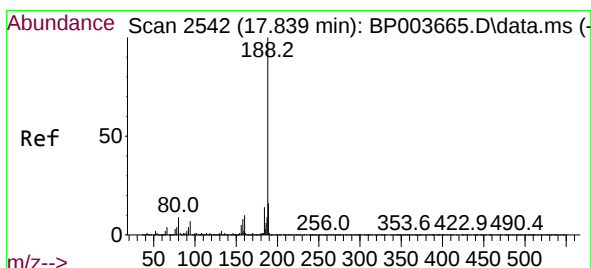
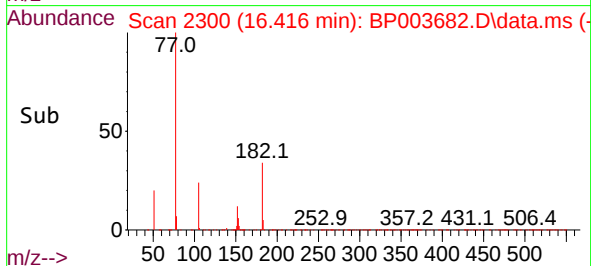
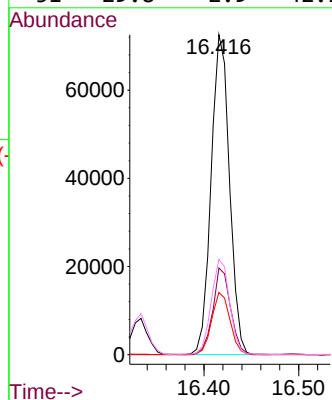


#63  
Azobenzene  
Concen: 4.36 ng  
RT: 16.416 min Scan# 2300  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

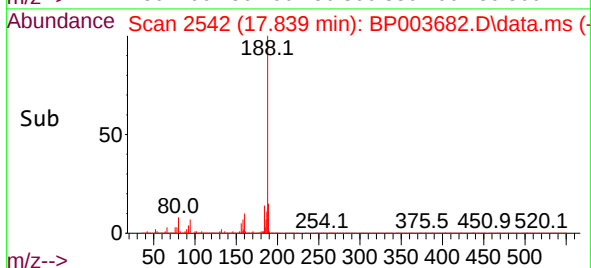
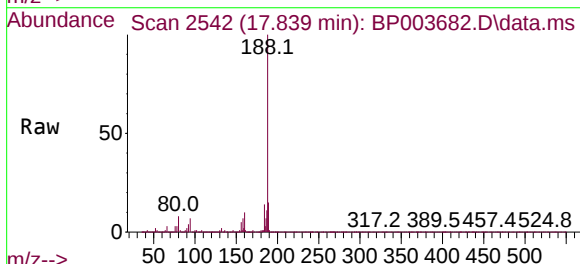
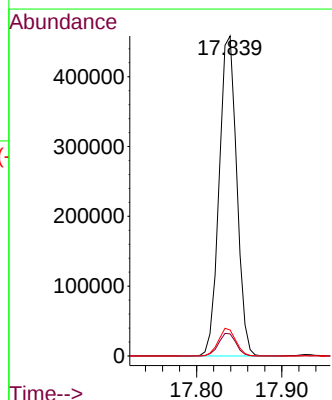


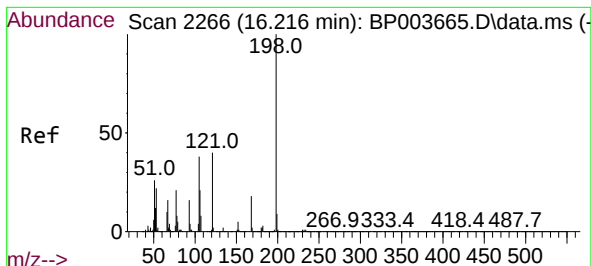
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 97490 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 27.1    | 16.9 56.9   |
| 105 19.4    | 5.6 45.6    |
| 51 29.8     | 2.9 42.9    |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.839 min Scan# 2542  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 656893 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.9      | 6.2 9.2      |
| 80 8.1      | 6.2 9.2      |

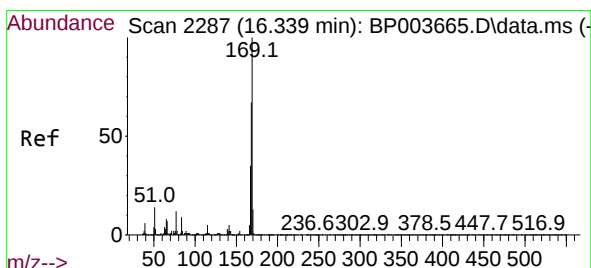
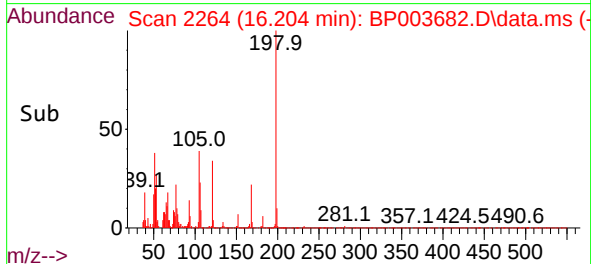
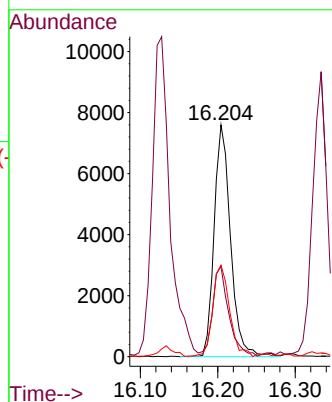
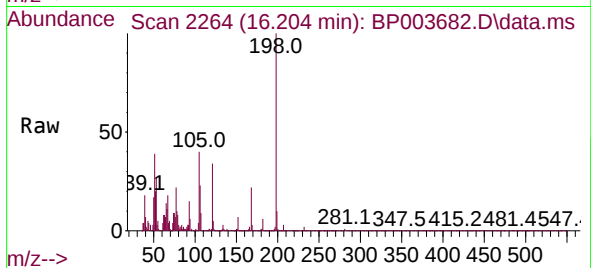




#65  
4,6-Dinitro-2-methylphenol  
Concen: 3.23 ng  
RT: 16.204 min Scan# 2264  
Delta R.T. -0.012 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

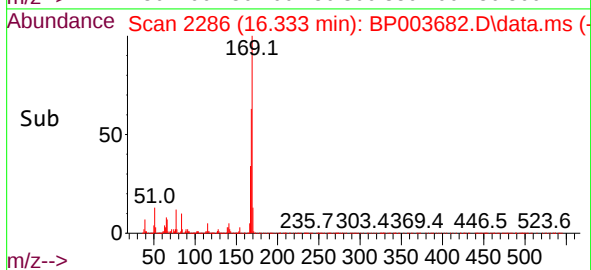
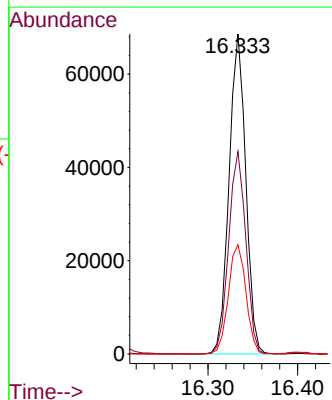
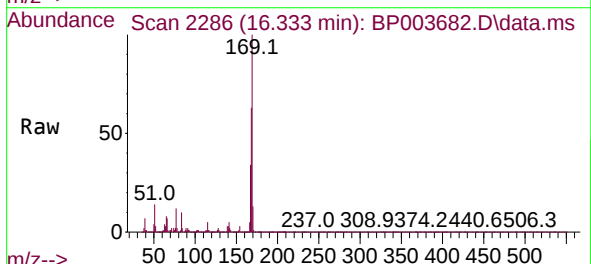
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

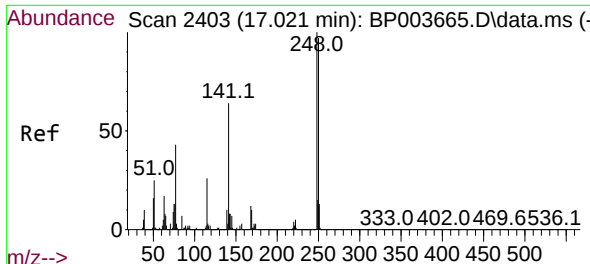
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:198 | Resp: | 11169     |
| Ion Ratio   | Lower | Upper     |
| 198         | 100   |           |
| 51          | 38.9  | 6.4 46.4  |
| 105         | 39.5  | 18.9 58.9 |



#66  
n-Nitrosodiphenylamine  
Concen: 4.53 ng  
RT: 16.333 min Scan# 2286  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:169 | Resp: | 88629     |
| Ion Ratio   | Lower | Upper     |
| 169         | 100   |           |
| 168         | 63.2  | 53.8 80.6 |
| 167         | 34.2  | 28.9 43.3 |

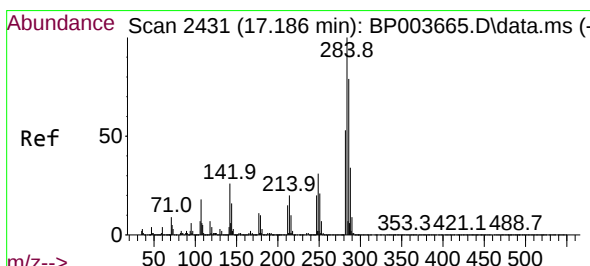
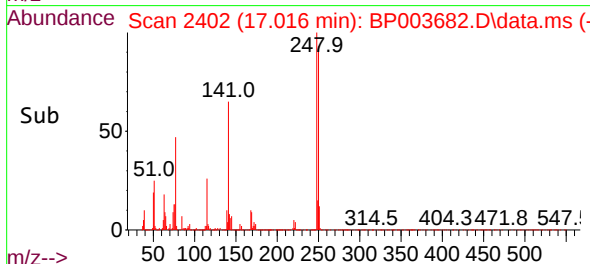
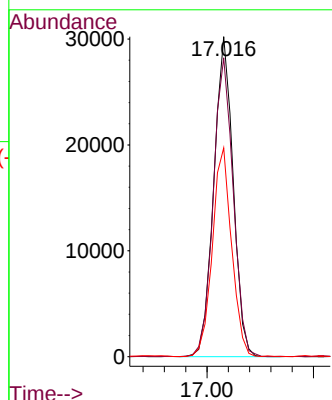
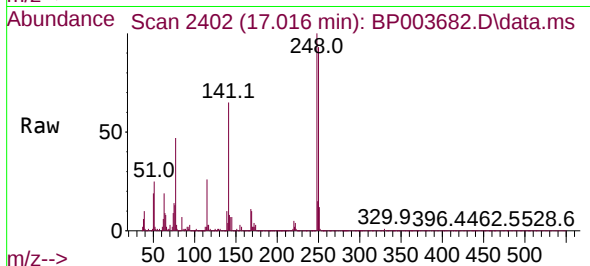




#67  
4-Bromophenyl-phenylether  
Concen: 4.32 ng  
RT: 17.016 min Scan# 2402  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

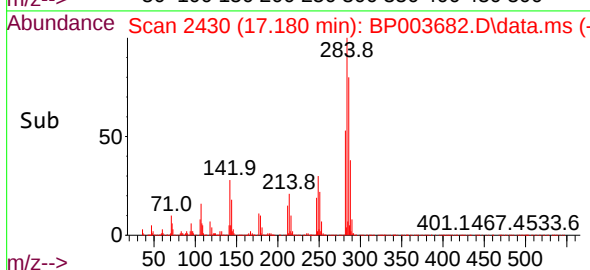
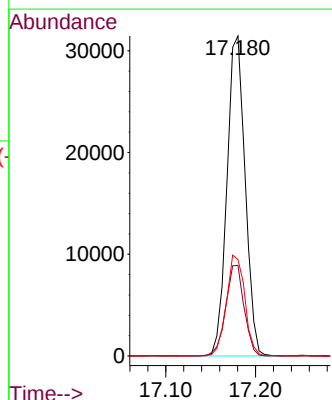
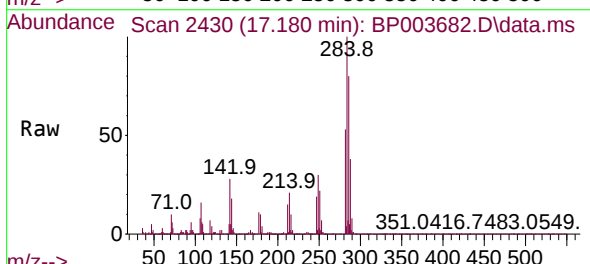
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

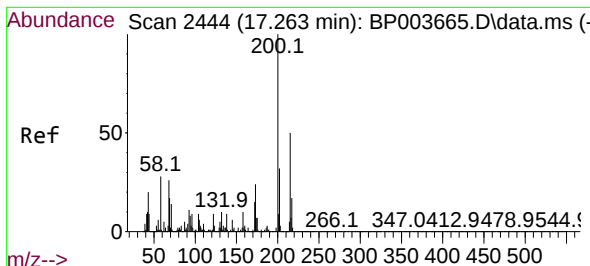
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:248 | Resp: | 38026      |
| Ion Ratio   | Lower | Upper      |
| 248         | 100   |            |
| 250         | 93.4  | 76.7 115.1 |
| 141         | 65.3  | 53.0 79.6  |



#68  
Hexachlorobenzene  
Concen: 4.37 ng  
RT: 17.180 min Scan# 2430  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:284 | Resp: | 44255     |
| Ion Ratio   | Lower | Upper     |
| 284         | 100   |           |
| 142         | 28.3  | 24.2 36.4 |
| 249         | 30.2  | 23.8 35.8 |





#69

Atrazine

Concen: 3.91 ng

RT: 17.251 min Scan# 2442

Delta R.T. -0.012 min

Lab File: BP003682.D

Acq: 20 Oct 2020 17:31

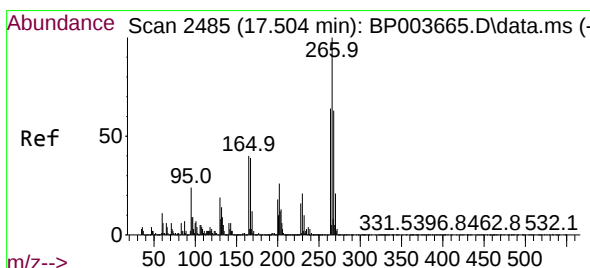
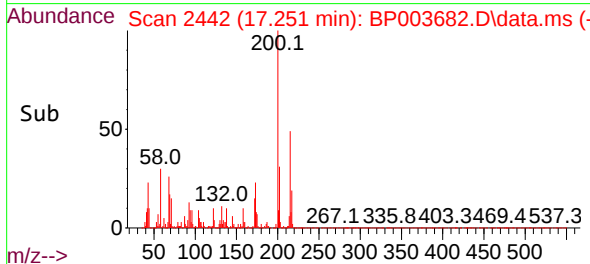
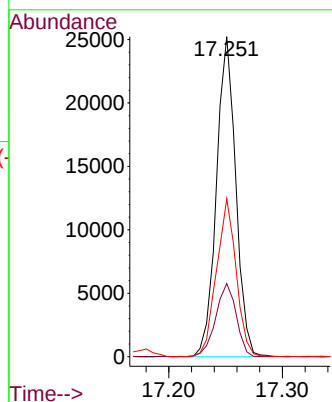
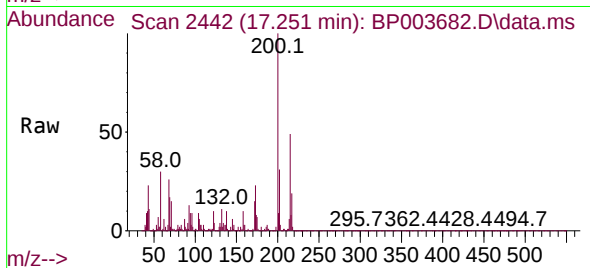
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 29820 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 22.8  | 5.9   | 45.9  |
| 215       | 49.4  | 28.4  | 68.4  |

Instrument :

BNA\_P

ClientSampleId :

LOQ-WATER-02-QT4-2020



#70

Pentachlorophenol

Concen: 3.09 ng

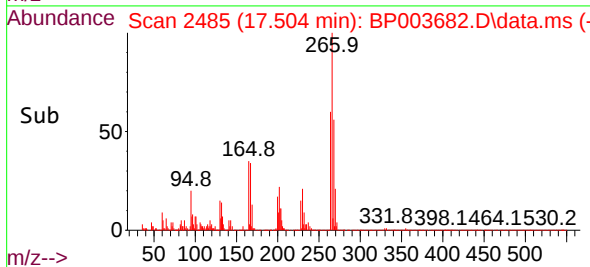
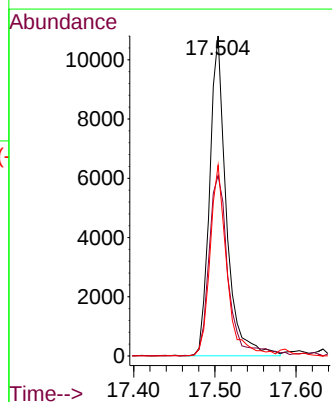
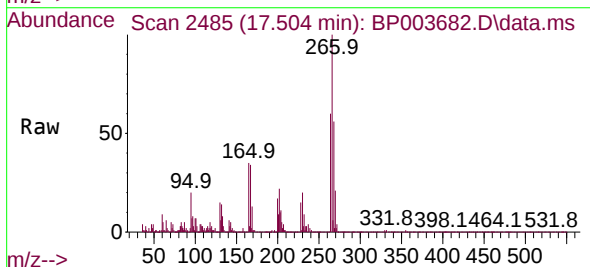
RT: 17.504 min Scan# 2485

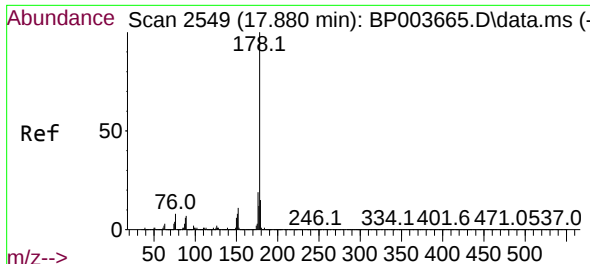
Delta R.T. 0.000 min

Lab File: BP003682.D

Acq: 20 Oct 2020 17:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 15425 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 56.4  | 51.1  | 76.7  |
| 264       | 59.6  | 50.6  | 76.0  |

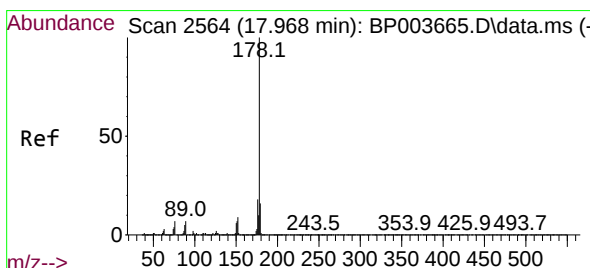
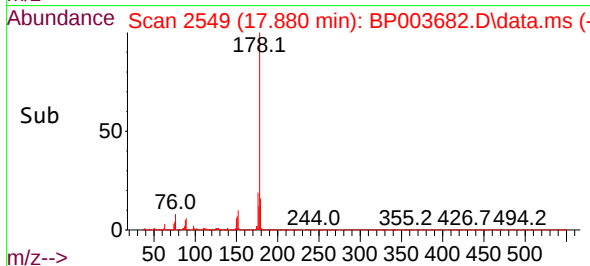
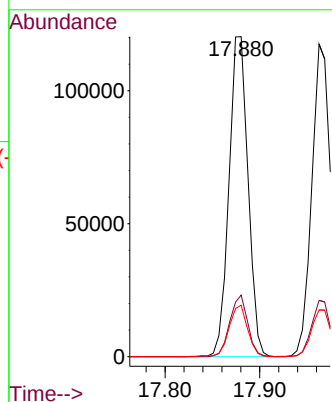
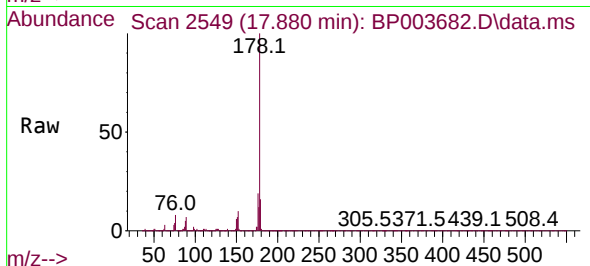




#71  
Phenanthrene  
Concen: 4.62 ng  
RT: 17.880 min Scan# 2549  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

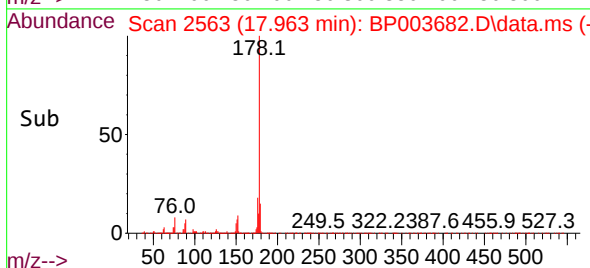
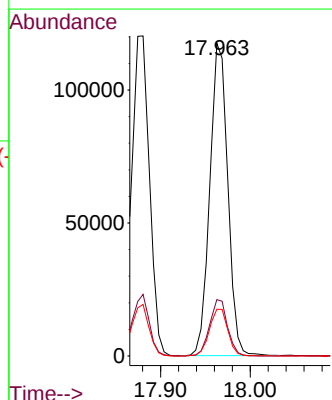
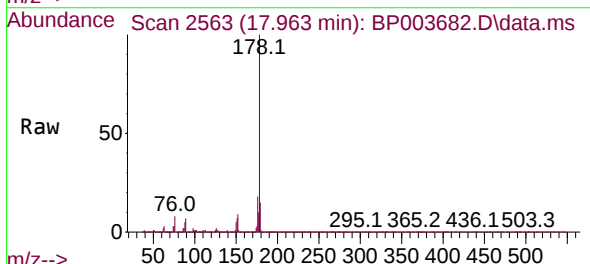
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

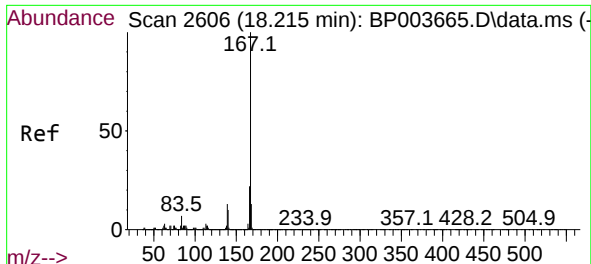
Tgt Ion:178 Resp: 168495  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 16.1 12.5 18.7



#72  
Anthracene  
Concen: 4.63 ng  
RT: 17.963 min Scan# 2563  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:178 Resp: 163241  
Ion Ratio Lower Upper  
178 100  
176 18.0 15.0 22.4  
179 14.9 12.5 18.7

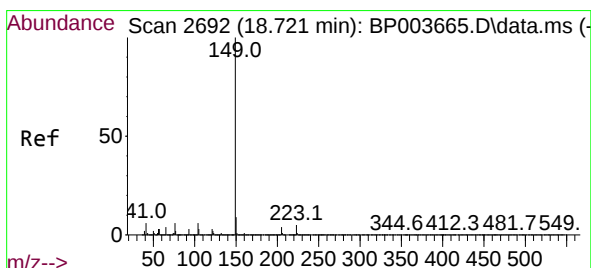
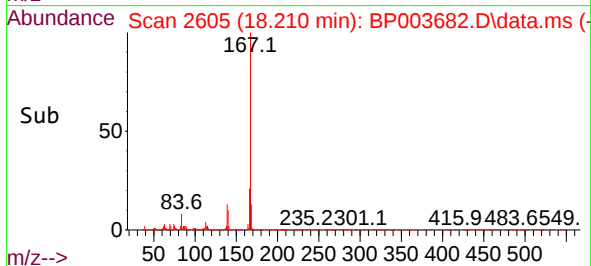
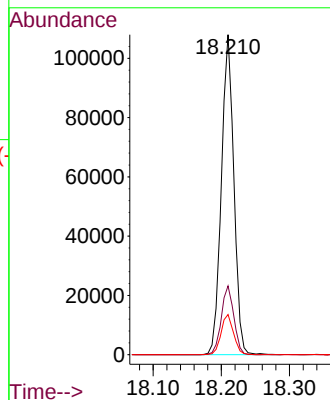
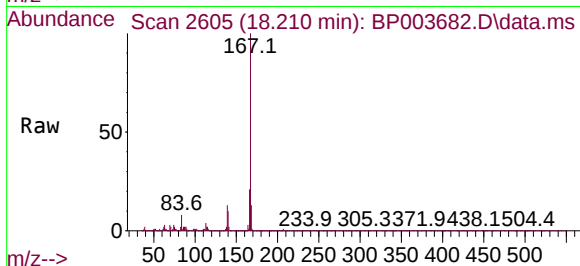




#73  
 Carbazole  
 Concen: 4.39 ng  
 RT: 18.210 min Scan# 2605  
 Delta R.T. -0.006 min  
 Lab File: BP003682.D  
 Acq: 20 Oct 2020 17:31

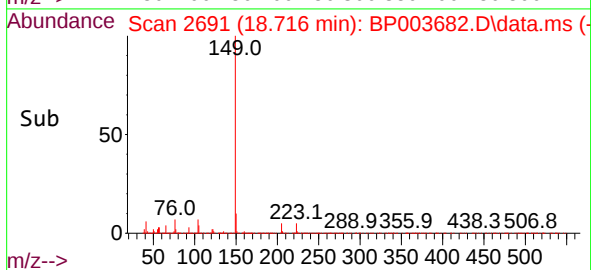
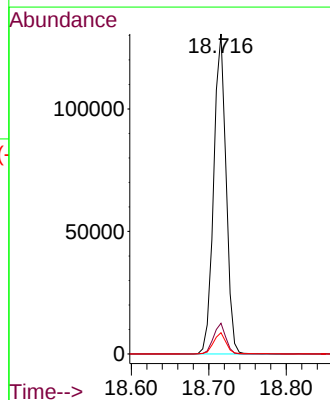
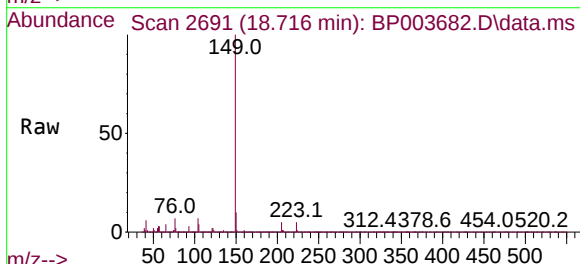
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2020

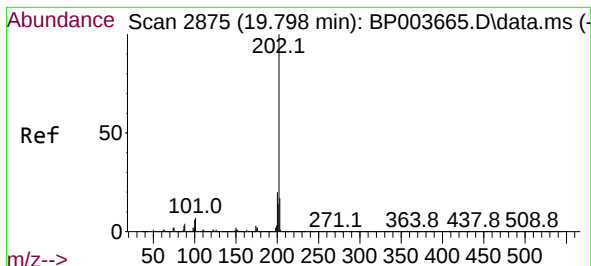
Tgt Ion:167 Resp: 137623  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.6 26.4  
 139 12.6 10.2 15.4



#74  
 Di-n-butylphthalate  
 Concen: 3.79 ng  
 RT: 18.716 min Scan# 2691  
 Delta R.T. -0.006 min  
 Lab File: BP003682.D  
 Acq: 20 Oct 2020 17:31

Tgt Ion:149 Resp: 145004  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.3 10.9  
 104 6.6 3.4 5.0#

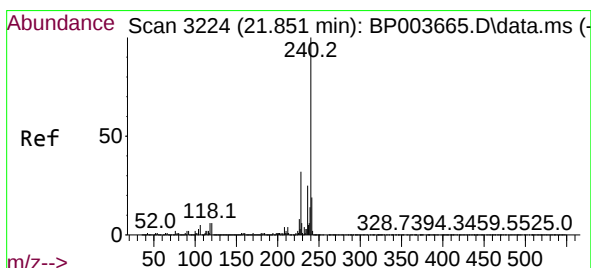
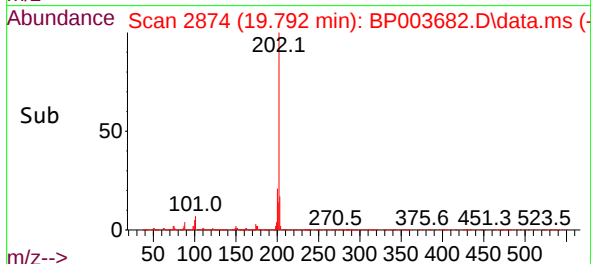
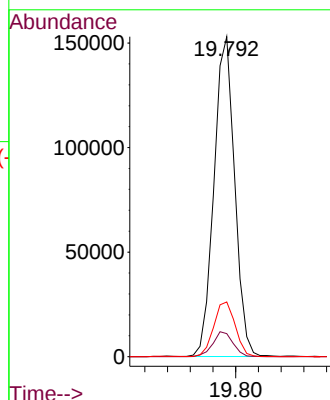
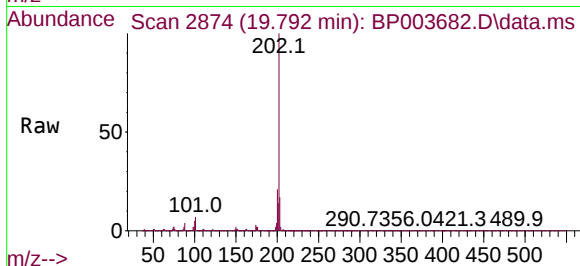




#75  
Fluoranthene  
Concen: 4.31 ng  
RT: 19.792 min Scan# 2874  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

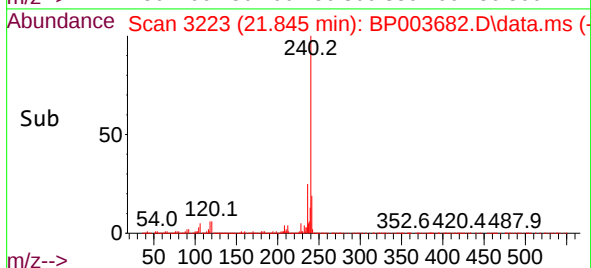
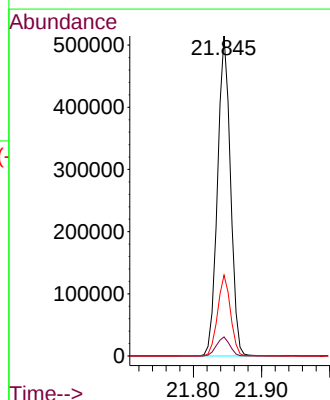
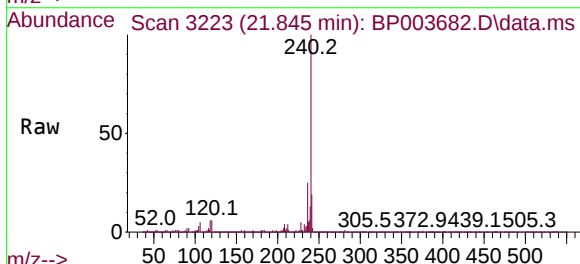
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

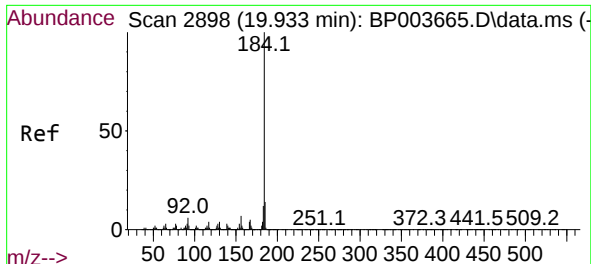
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 193359 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 7.2   | 0.0   | 29.4   |
| 203      | 17.1  | 0.0   | 37.8   |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.845 min Scan# 3223  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 679825 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.0   | 7.8   | 11.6#  |
| 236      | 25.3  | 20.8  | 31.2   |

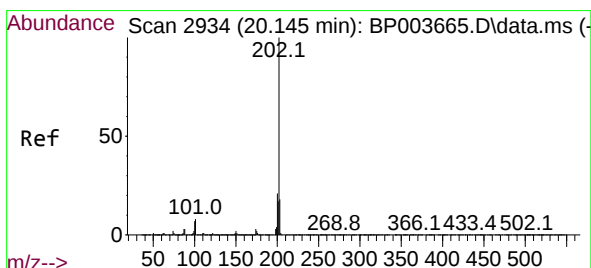
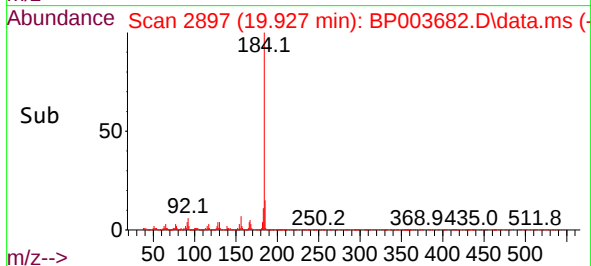
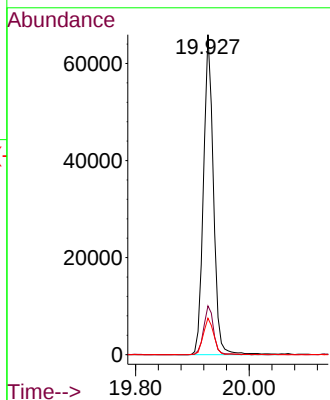
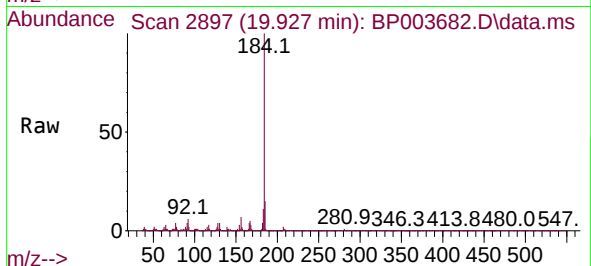




#77  
Benzidine  
Concen: 4.91 ng  
RT: 19.927 min Scan# 2897  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

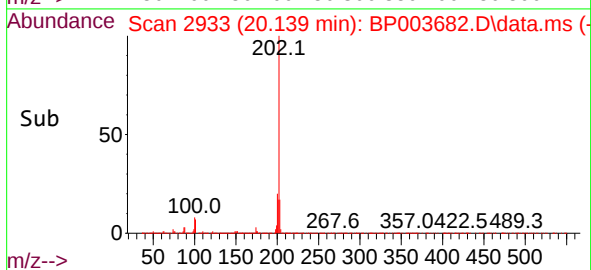
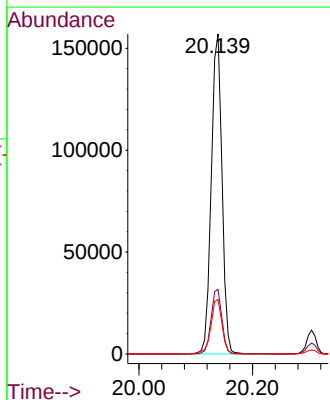
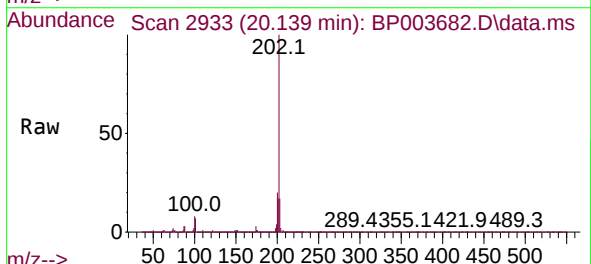
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

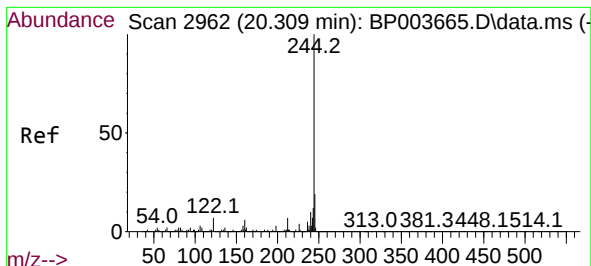
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 79935     |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 185         | 15.3  | 11.5 17.3 |
| 183         | 11.4  | 9.6 14.4  |



#78  
Pyrene  
Concen: 4.50 ng  
RT: 20.139 min Scan# 2933  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 204989    |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 20.1  | 17.1 25.7 |
| 203         | 17.0  | 14.2 21.2 |

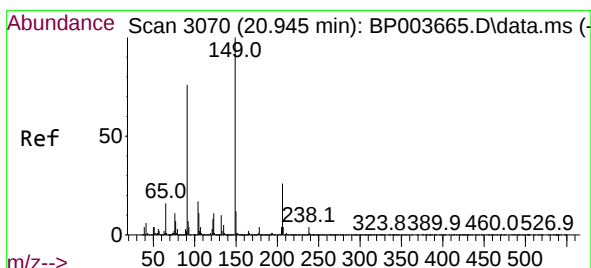
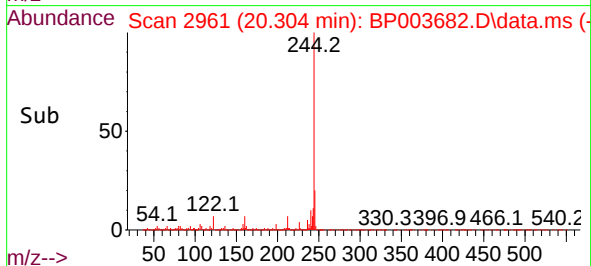
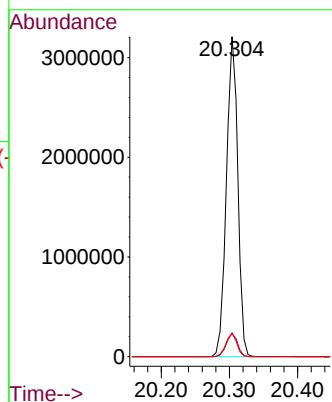
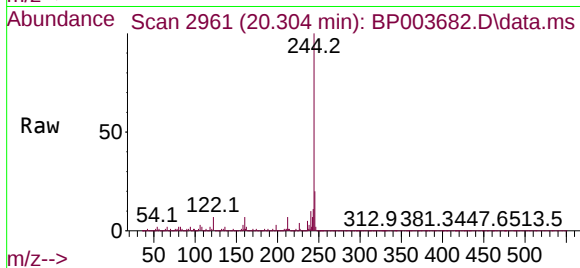




#79  
 Terphenyl-d14  
 Concen: 96.22 ng  
 RT: 20.304 min Scan# 2961  
 Delta R.T. -0.006 min  
 Lab File: BP003682.D  
 Acq: 20 Oct 2020 17:31

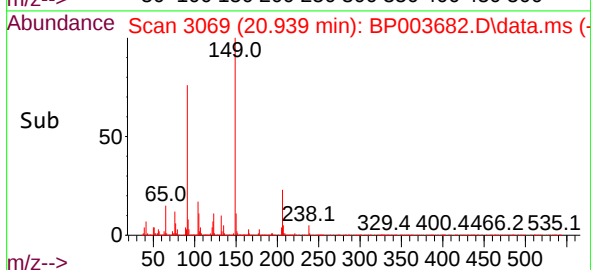
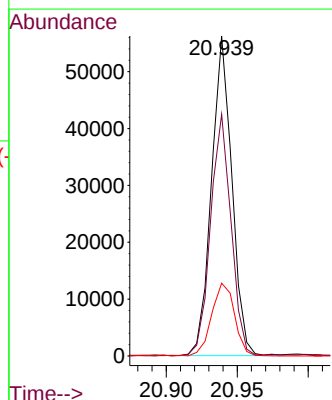
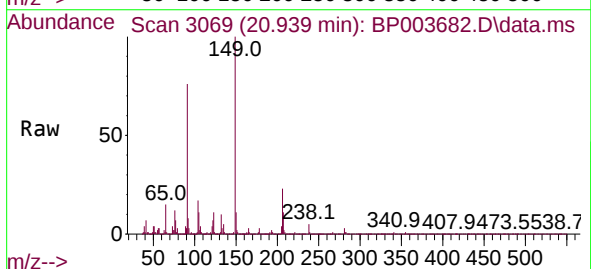
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2020

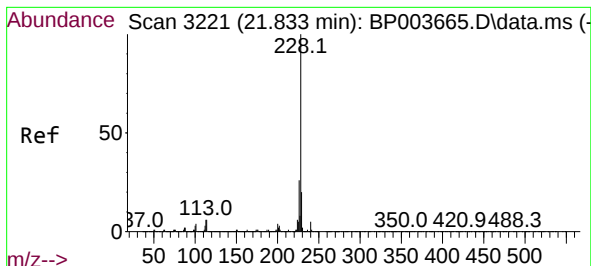
Tgt Ion:244 Resp: 3719316  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.6  
 122 7.4 7.8 11.8#



#80  
 Butylbenzylphthalate  
 Concen: 3.36 ng  
 RT: 20.939 min Scan# 3069  
 Delta R.T. -0.006 min  
 Lab File: BP003682.D  
 Acq: 20 Oct 2020 17:31

Tgt Ion:149 Resp: 56098  
 Ion Ratio Lower Upper  
 149 100  
 91 75.6 45.4 68.0#  
 206 22.8 17.1 25.7

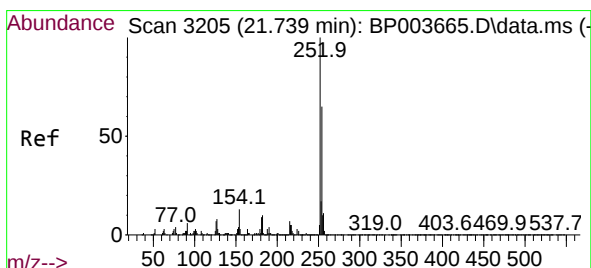
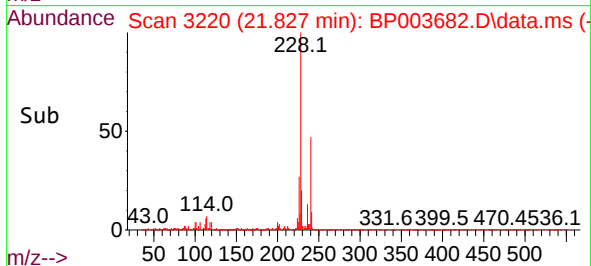
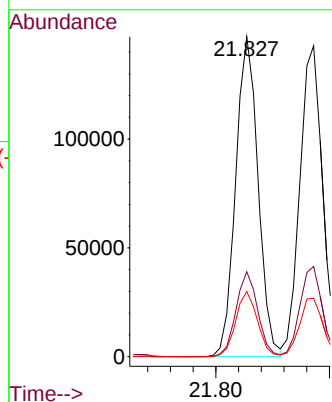
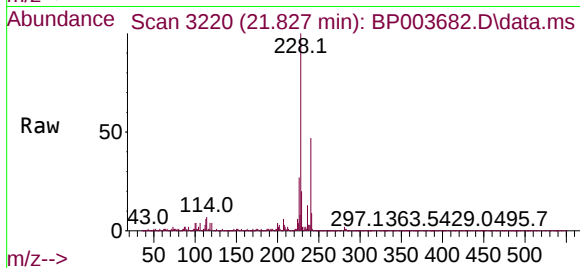




#81  
Benzo(a)anthracene  
Concen: 4.45 ng  
RT: 21.827 min Scan# 3220  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

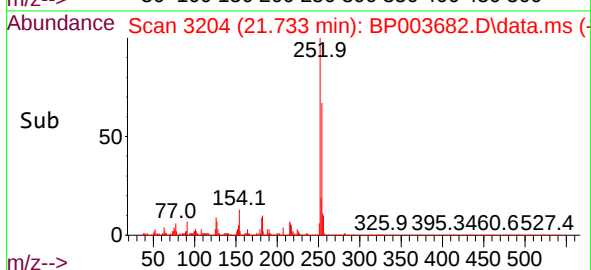
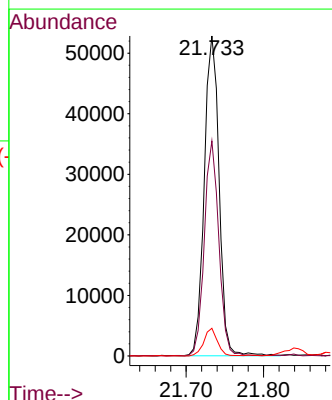
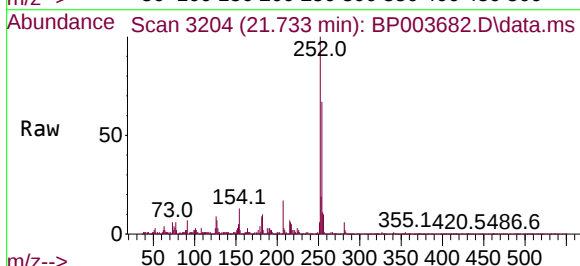
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

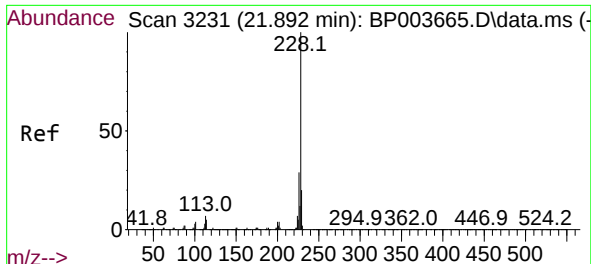
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 201708 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.6  | 22.1  | 33.1   |
| 229       | 20.4  | 15.9  | 23.9   |



#82  
3,3'-Dichlorobenzidine  
Concen: 4.43 ng  
RT: 21.733 min Scan# 3204  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 70324 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 67.2  | 51.0  | 76.4  |
| 126       | 8.6   | 7.9   | 11.9  |

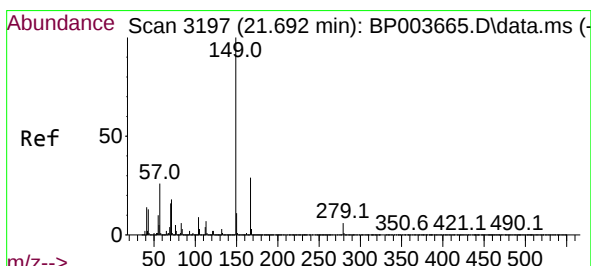
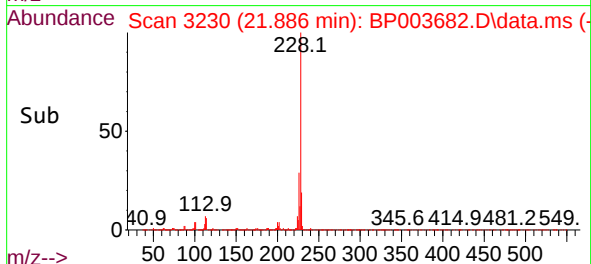
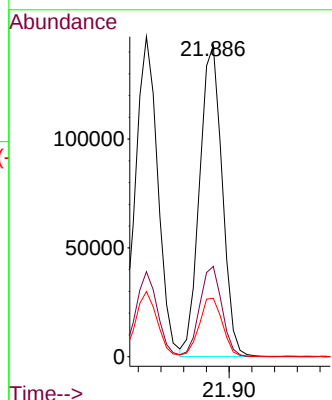
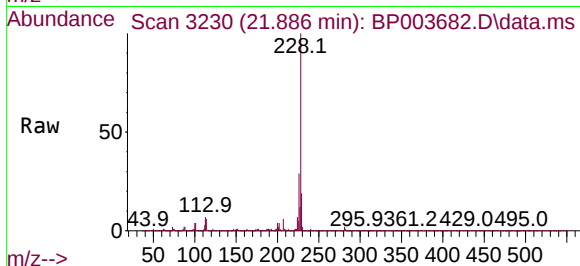




#83  
Chrysene  
Concen: 4.58 ng  
RT: 21.886 min Scan# 3230  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

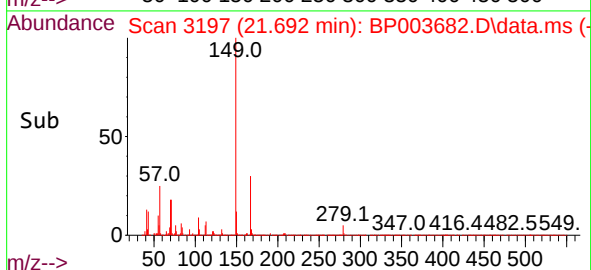
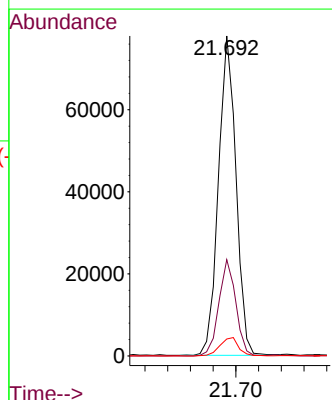
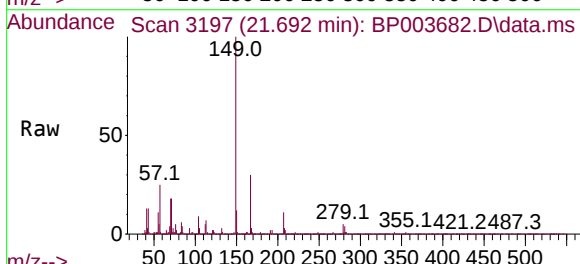
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

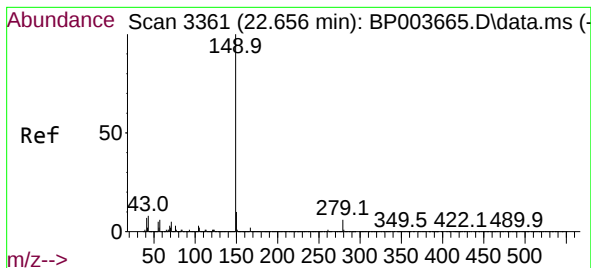
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 196964    |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 29.0  | 24.4 36.6 |
| 229         | 18.8  | 15.8 23.6 |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.51 ng  
RT: 21.692 min Scan# 3197  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 83711     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 30.1  | 22.6 34.0 |
| 279         | 5.3   | 4.2 6.2   |

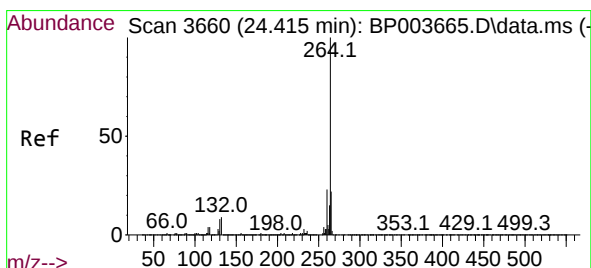
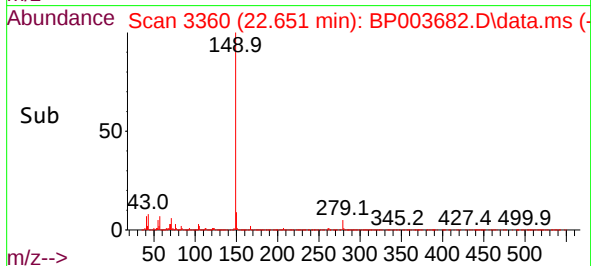
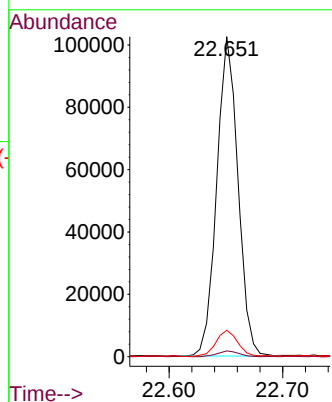
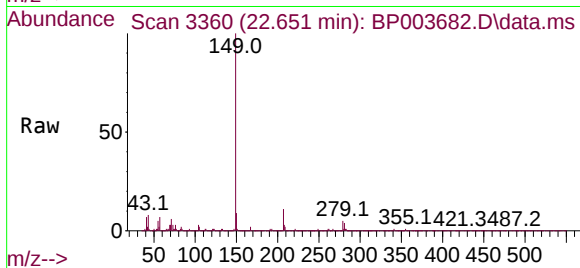




#85  
Di-n-octyl phthalate  
Concen: 3.43 ng  
RT: 22.651 min Scan# 3360  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

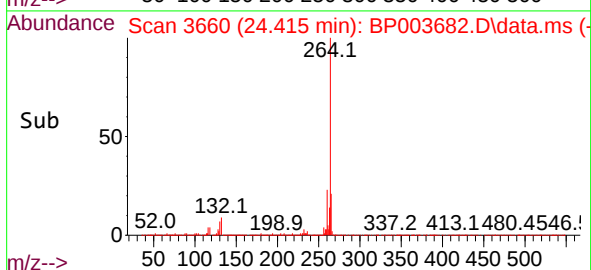
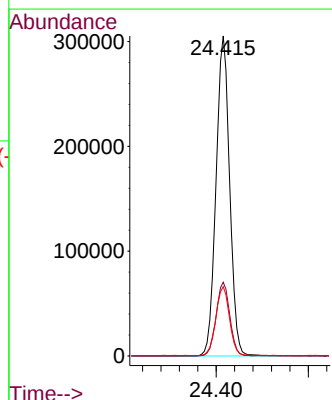
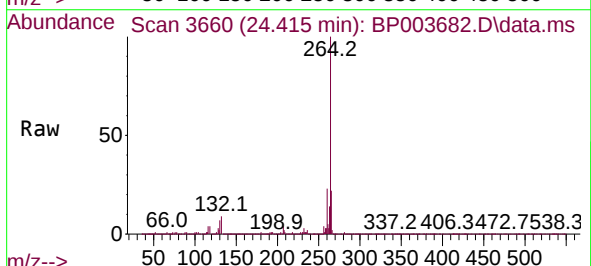
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

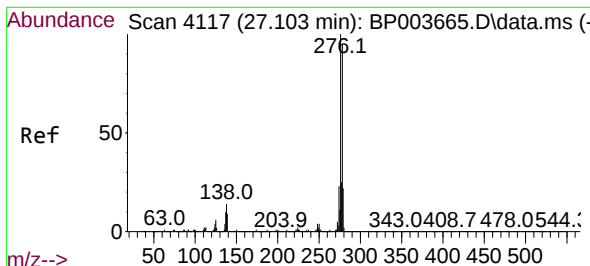
Tgt Ion:149 Resp: 132946  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.3 1.9  
43 8.5 3.7 5.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.415 min Scan# 3660  
Delta R.T. 0.000 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:264 Resp: 623708  
Ion Ratio Lower Upper  
264 100  
260 23.0 18.8 28.2  
265 21.6 17.4 26.2

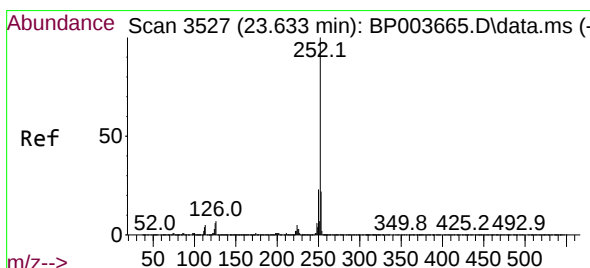
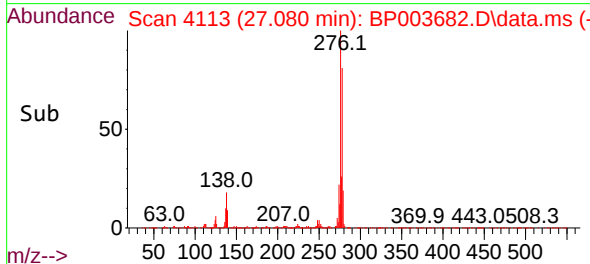
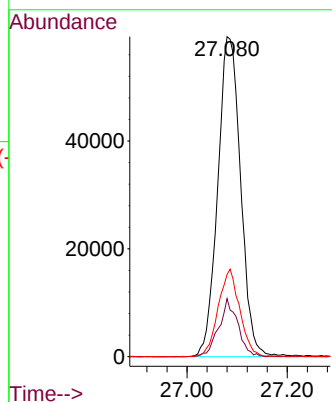
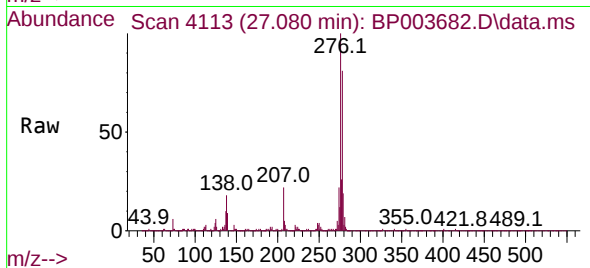




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.19 ng  
RT: 27.080 min Scan# 4113  
Delta R.T. -0.023 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

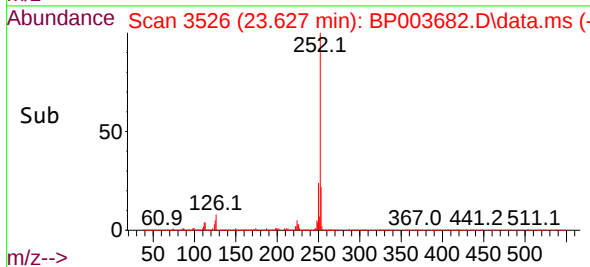
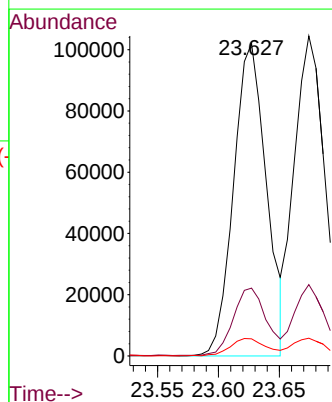
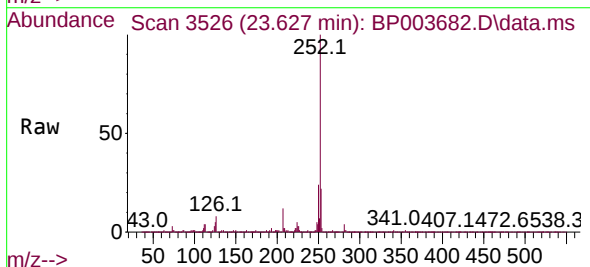
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

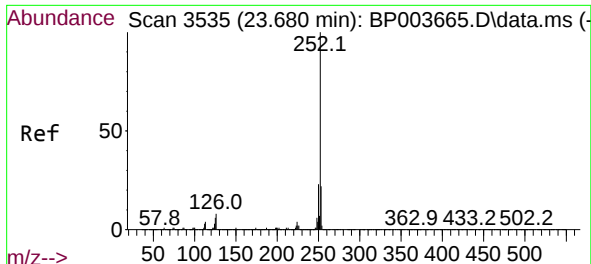
Tgt Ion:276 Resp: 187786  
Ion Ratio Lower Upper  
276 100  
138 15.0 18.7 28.1#  
277 25.8 20.4 30.6



#88  
Benzo(b)fluoranthene  
Concen: 4.39 ng  
RT: 23.627 min Scan# 3526  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:252 Resp: 191088  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.6 26.4  
125 5.5 7.3 10.9#

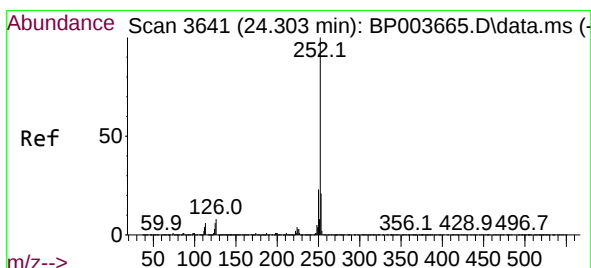
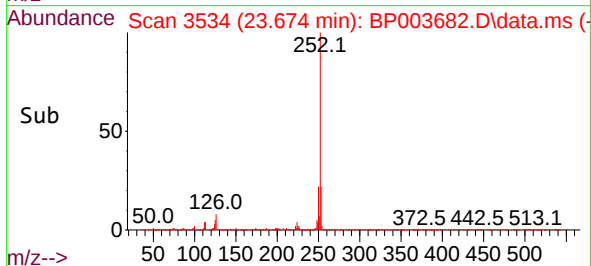
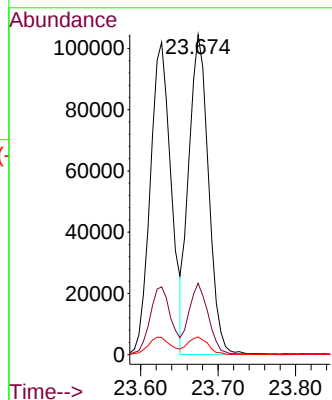
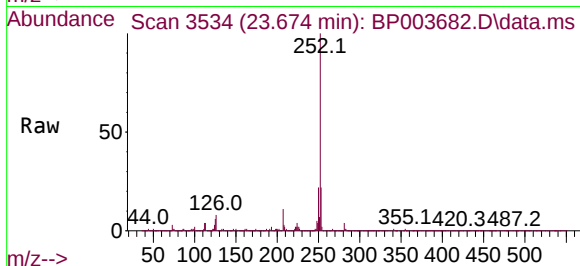




#89  
Benzo(k)fluoranthene  
Concen: 4.45 ng  
RT: 23.674 min Scan# 3534  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

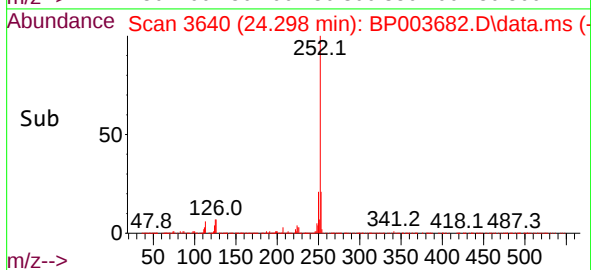
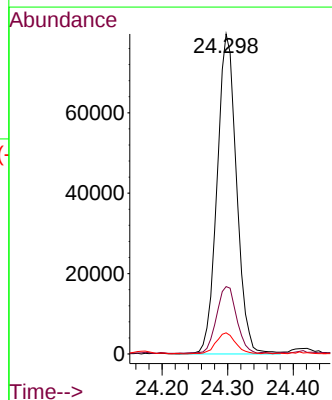
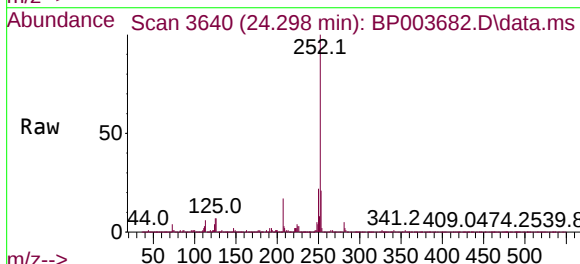
Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

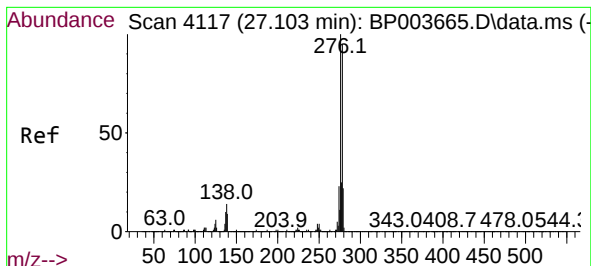
Tgt Ion:252 Resp: 184708  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 5.5 7.4 11.2#



#90  
Benzo(a)pyrene  
Concen: 4.22 ng  
RT: 24.298 min Scan# 3640  
Delta R.T. -0.006 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:252 Resp: 163737  
Ion Ratio Lower Upper  
252 100  
253 21.0 17.4 26.0  
125 6.6 8.2 12.4#

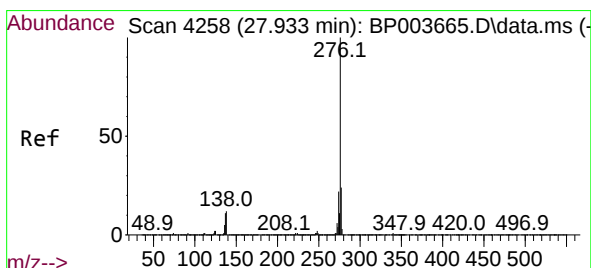
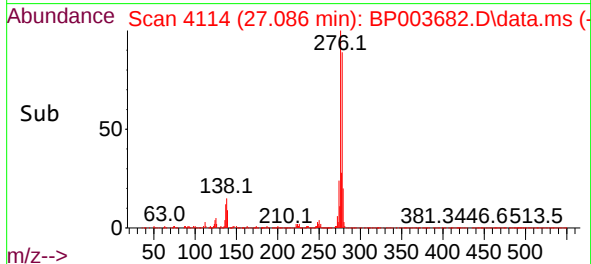
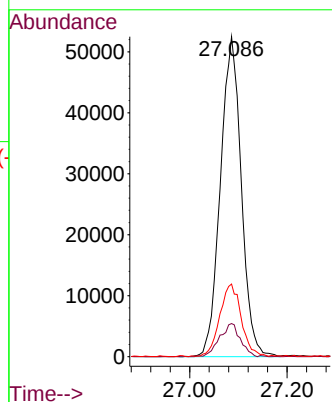
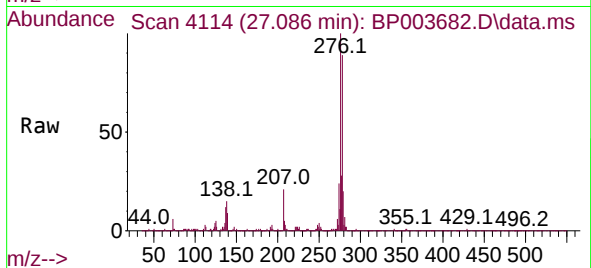




#91  
Dibenzo(a,h)anthracene  
Concen: 4.17 ng  
RT: 27.086 min Scan# 4114  
Delta R.T. -0.017 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Instrument :  
BNA\_P  
ClientSampleId :  
LOQ-WATER-02-QT4-2020

Tgt Ion:278 Resp: 156196  
Ion Ratio Lower Upper  
278 100  
139 10.4 12.4 18.6#  
279 22.7 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 4.41 ng  
RT: 27.909 min Scan# 4254  
Delta R.T. -0.023 min  
Lab File: BP003682.D  
Acq: 20 Oct 2020 17:31

Tgt Ion:276 Resp: 153008  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.0 28.6  
138 12.5 16.6 24.8#

