

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\  
 Data File : BG045982.D  
 Acq On : 8 Jul 2020 15:56  
 Operator : CG/JU  
 Sample : L3216-08  
 Misc : LOO-WTR-10PPM  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

Quant Time: Jul 08 16:33:04 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 08 15:53:46 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 145437   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.81 | 136  | 590423   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.63 | 164  | 354144   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.37 | 188  | 730172   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.63 | 240  | 673365   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.78 | 264  | 677406   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.59  | 112  | 879734   | 98.09  | ng    | 0.00     |
| 7) Phenol-d6                | 7.17  | 99   | 1276175  | 98.84  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.16  | 82   | 856739   | 83.52  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.11 | 330  | 334523   | 101.78 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.26 | 172  | 1660363  | 73.13  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.98 | 244  | 1792112  | 59.23  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88   | 45174    | 10.918 | ng    | 94     |
| 3) Pyridine                    | 3.91  | 79   | 97005    | 7.754  | ng    | 95     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42   | 44233    | 10.456 | ng    | 93     |
| 6) Aniline                     | 7.33  | 93   | 157562   | 9.539  | ng    | 98     |
| 8) 2-Chlorophenol              | 7.57  | 128  | 87676    | 9.082  | ng    | 97     |
| 9) Benzaldehyde                | 7.14  | 77   | 140328   | 17.154 | ng    | 96     |
| 10) Phenol                     | 7.19  | 94   | 118613   | 9.158  | ng    | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93   | 96773    | 9.035  | ng    | 100    |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146  | 101575   | 9.128  | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146  | 103105   | 9.419  | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146  | 93113    | 8.838  | ng    | 99     |
| 15) Benzyl Alcohol             | 8.23  | 79   | 90518    | 8.941  | ng    | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45   | 126809   | 9.075  | ng    | 98     |
| 17) 2-Methylphenol             | 8.44  | 107  | 81983    | 8.436  | ng    | 98     |
| 18) Hexachloroethane           | 9.09  | 117  | 38631    | 9.172  | ng    | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70   | 84927    | 9.363  | ng    | 98     |
| 20) 3+4-Methylphenols          | 8.76  | 107  | 111594   | 8.425  | ng    | 98     |
| 22) Acetophenone               | 8.82  | 105  | 225429   | 14.292 | ng    | # 96   |
| 24) Nitrobenzene               | 9.20  | 77   | 114489   | 10.112 | ng    | 97     |
| 25) Isophorone                 | 9.72  | 82   | 218741   | 8.735  | ng    | 99     |
| 26) 2-Nitrophenol              | 9.91  | 139  | 35291    | 9.563  | ng    | 95     |
| 27) 2,4-Dimethylphenol         | 9.97  | 122  | 86382    | 9.691  | ng    | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93   | 129366   | 9.200  | ng    | 94     |
| 29) 2,4-Dichlorophenol         | 10.44 | 162  | 80719    | 8.748  | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180  | 91452    | 8.945  | ng    | 96     |
| 31) Naphthalene                | 10.85 | 128  | 292171   | 9.231  | ng    | 97     |
| 32) Benzoic acid               | 10.05 | 122  | 50128    | 10.386 | ng    | 92     |
| 33) 4-Chloroaniline            | 10.95 | 127  | 123098   | 8.703  | ng    | 97     |
| 34) Hexachlorobutadiene        | 11.15 | 225  | 50266    | 8.420  | ng    | 96     |
| 35) Caprolactam                | 11.69 | 113  | 30176    | 8.614  | ng    | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.07 | 107  | 93696    | 8.915  | ng    | 100    |
| 37) 2-Methylnaphthalene        | 12.46 | 142  | 211168   | 9.385  | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.68 | 142  | 200085   | 9.423  | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216  | 149821   | 15.008 | ng    | 97     |

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 Response via : Initial Calibration

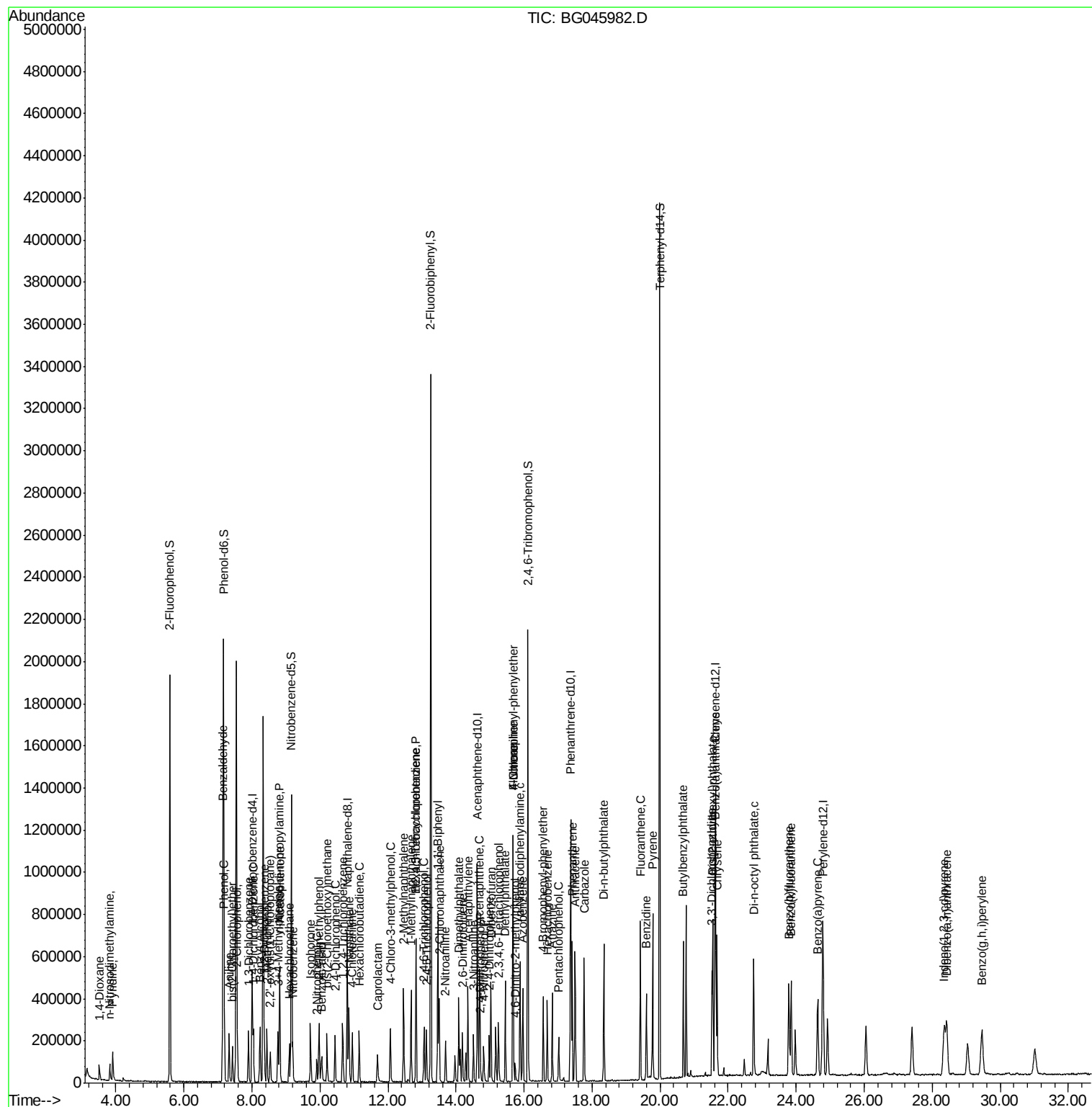
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 52036    | 8.785  | nq    | 92       |
| 43) 2,4,6-Trichlorophenol      | 13.06 | 196  | 58807    | 8.710  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.13 | 196  | 64959    | 8.510  | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 421376   | 15.817 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.50 | 162  | 191902   | 9.130  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.69 | 65   | 53533    | 10.882 | nq    | 98       |
| 49) Acenaphthylene             | 14.35 | 152  | 322861   | 9.520  | nq    | 96       |
| 50) Dimethylphthalate          | 14.08 | 163  | 240435   | 9.047  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.19 | 165  | 43774    | 10.615 | nq    | 94       |
| 52) Acenaphthene               | 14.69 | 154  | 196361   | 9.179  | nq    | 99       |
| 53) 3-Nitroaniline             | 14.51 | 138  | 50980    | 9.976  | nq    | # 91     |
| 54) 2,4-Dinitrophenol          | 14.72 | 184  | 16847    | 11.581 | nq    | # 87     |
| 55) Dibenzofuran               | 15.03 | 168  | 298130   | 9.508  | nq    | 96       |
| 56) 4-Nitrophenol              | 14.81 | 139  | 39541    | 9.132  | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 14.97 | 165  | 56793    | 11.145 | nq    | 88       |
| 58) Fluorene                   | 15.67 | 166  | 240884   | 9.364  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 55605    | 9.434  | nq    | 92       |
| 60) Diethylphthalate           | 15.45 | 149  | 255888   | 9.181  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 111170   | 8.687  | nq    | 98       |
| 62) 4-Nitroaniline             | 15.67 | 138  | 56462    | 10.279 | nq    | 89       |
| 63) Azobenzene                 | 15.97 | 77   | 286008   | 9.560  | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.74 | 198  | 17649    | 8.253  | nq    | 89       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 215112   | 9.507  | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 70612    | 8.659  | nq    | 96       |
| 68) Hexachlorobenzene          | 16.68 | 284  | 74597    | 9.116  | nq    | 98       |
| 69) Atrazine                   | 16.83 | 200  | 73699    | 11.017 | nq    | 96       |
| 70) Pentachlorophenol          | 17.02 | 266  | 36468    | 8.015  | nq    | 93       |
| 71) Phenanthrene               | 17.41 | 178  | 375838   | 9.736  | nq    | 97       |
| 72) Anthracene                 | 17.50 | 178  | 384343   | 9.811  | nq    | 94       |
| 73) Carbazole                  | 17.76 | 167  | 366646   | 9.337  | nq    | 97       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 452191   | 9.530  | nq    | 95       |
| 75) Fluoranthene               | 19.42 | 202  | 435361   | 9.756  | nq    | 96       |
| 77) Benzidine                  | 19.60 | 184  | 225724   | 11.724 | nq    | 100      |
| 78) Pyrene                     | 19.78 | 202  | 446341   | 9.711  | nq    | 95       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 186582   | 8.590  | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.60 | 228  | 412626   | 9.319  | nq    | 93       |
| 82) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 155653   | 9.514  | nq    | 98       |
| 83) Chrysene                   | 21.67 | 228  | 389341   | 9.230  | nq    | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 281665   | 8.933  | nq    | 93       |
| 85) Di-n-octyl phthalate       | 22.75 | 149  | 455028   | 8.316  | nq    | 98       |
| 87) Indeno(1,2,3-cd)pyrene     | 28.35 | 276  | 453462   | 9.150  | nq    | # 92     |
| 88) Benzo(b)fluoranthene       | 23.78 | 252  | 410625   | 9.549  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.85 | 252  | 394085   | 9.692  | nq    | 97       |
| 90) Benzo(a)pyrene             | 24.64 | 252  | 367394   | 9.086  | nq    | 95       |
| 91) Dibenzo(a,h)anthracene     | 28.42 | 278  | 375631   | 9.398  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.46 | 276  | 378407   | 9.407  | nq    | 97       |

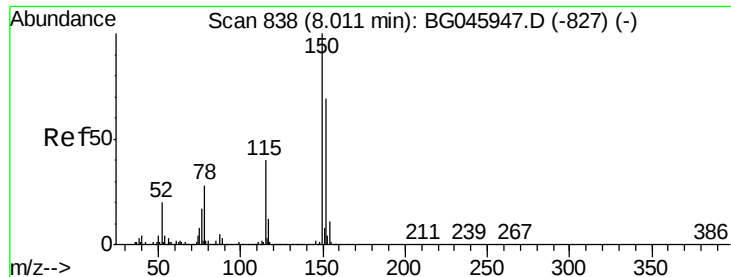
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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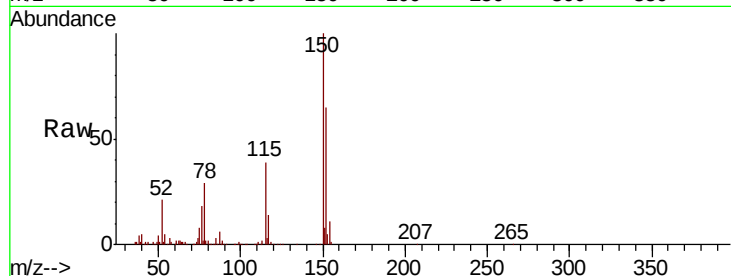


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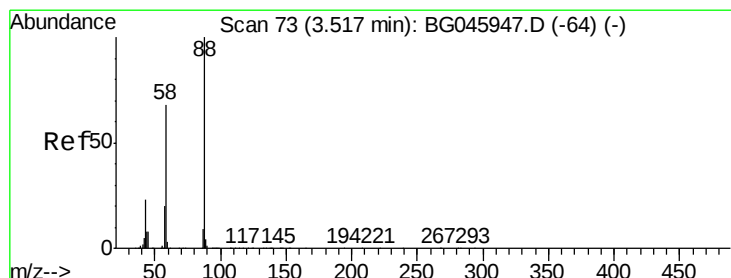
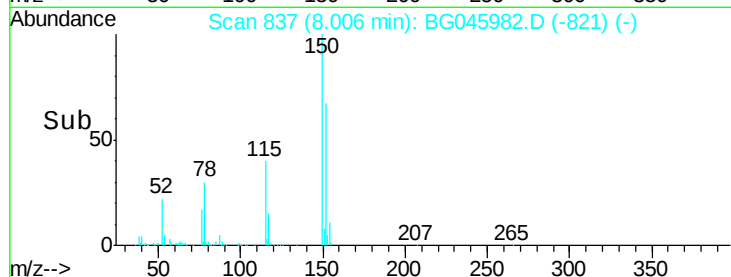
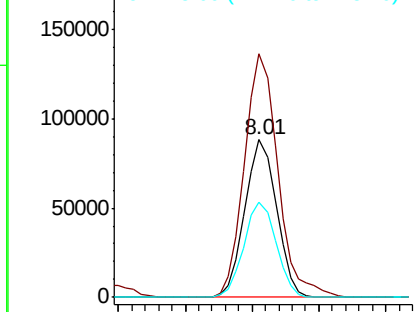
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 837  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

Tot Ion:152 Resp: 145437  
Ion Ratio Lower Upper  
152 100  
150 154.5 116.7 175.1  
115 60.0 47.4 71.0



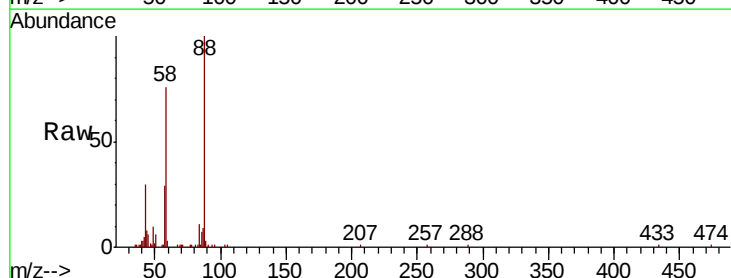
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



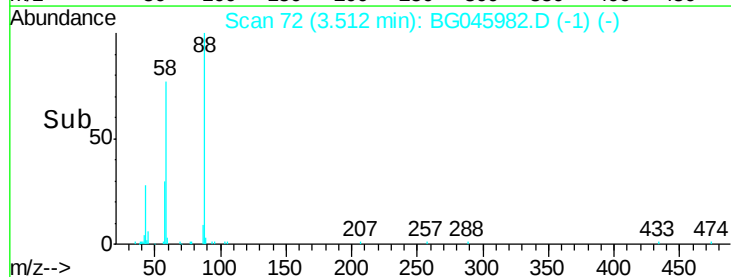
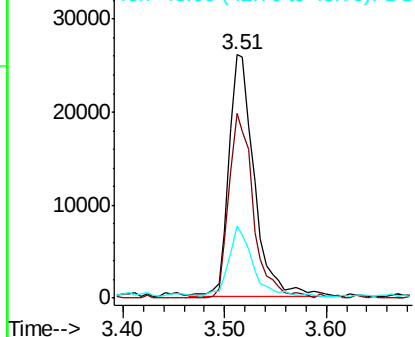
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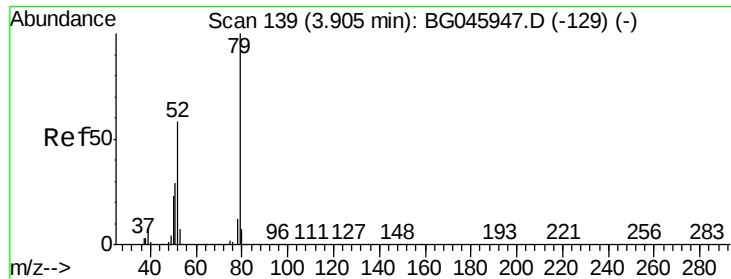
1,4-Dioxane  
Concen: 10.918 ng  
RT: 3.51 min Scan# 72  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Tgt Ion: 88 Resp: 45174  
Ion Ratio Lower Upper  
88 100  
58 73.4 55.2 82.8  
43 28.1 19.4 29.0



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC

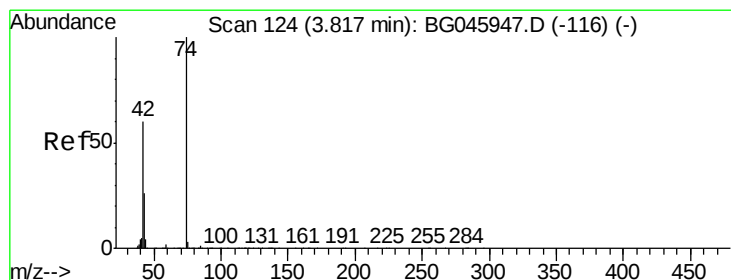
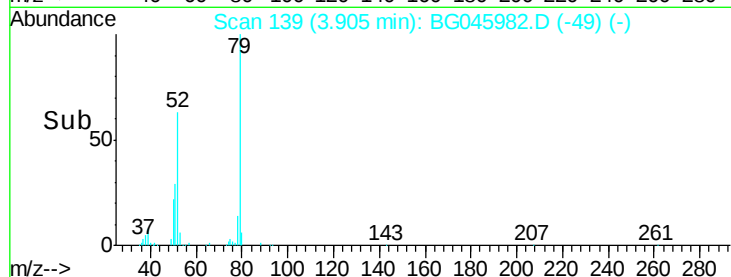
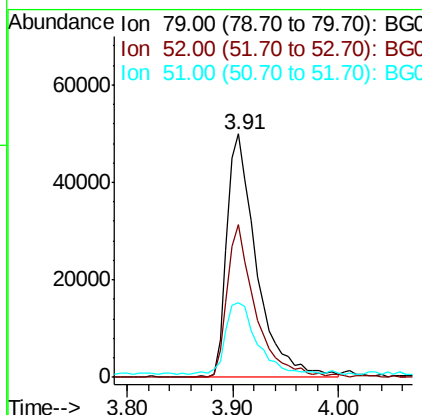
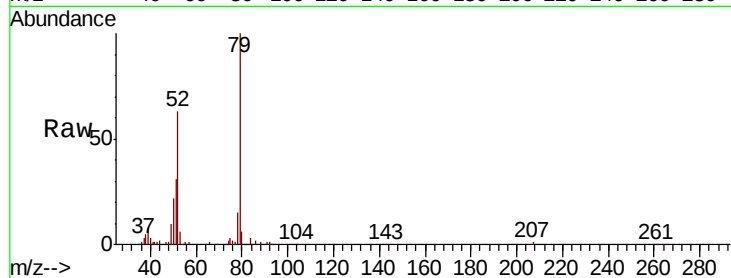




#3  
 Pvridine  
 Concen: 7.754 ng  
 RT: 3.91 min Scan# 139  
 Delta R.T. 0.00 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

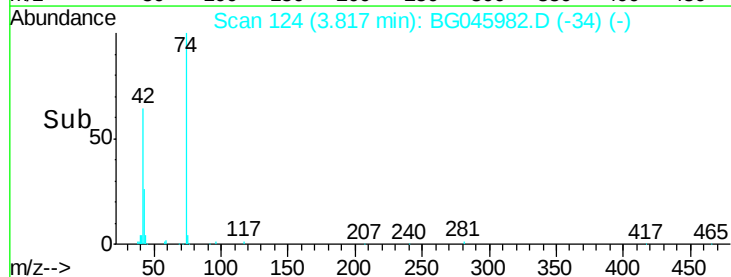
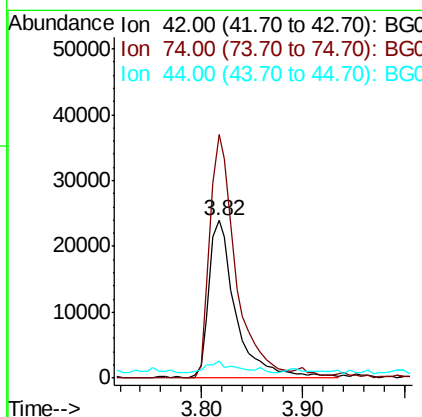
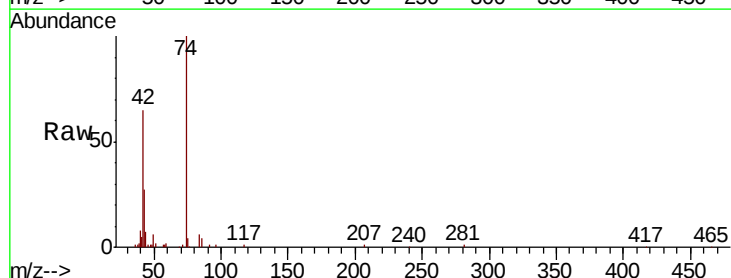
Instrument :  
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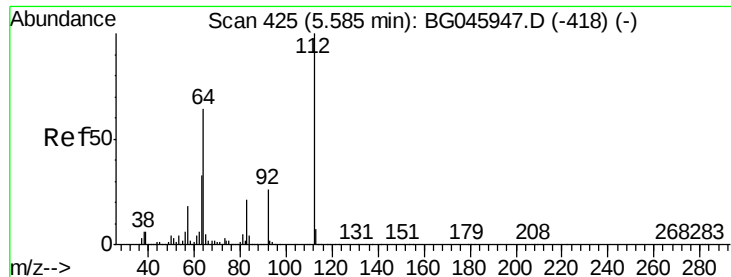
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 62.8  | 46.5  | 69.7  |
| 51      | 30.8  | 23.5  | 35.3  |



#4  
 n-Nitrosodimethylamine  
 Concen: 10.456 ng  
 RT: 3.82 min Scan# 124  
 Delta R.T. 0.00 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 154.7 | 131.9 | 197.9 |
| 44      | 11.0  | 7.7   | 11.5  |





#5

2-Fluorophenol

Concen: 98.093 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

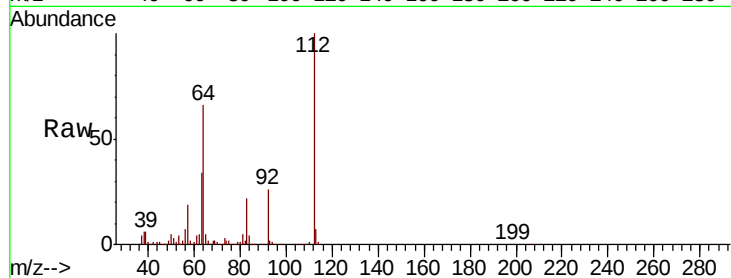
Tot Ion:112 Resp: 879734

Ion Ratio Lower Upper

112 100

64 66.0 51.4 77.2

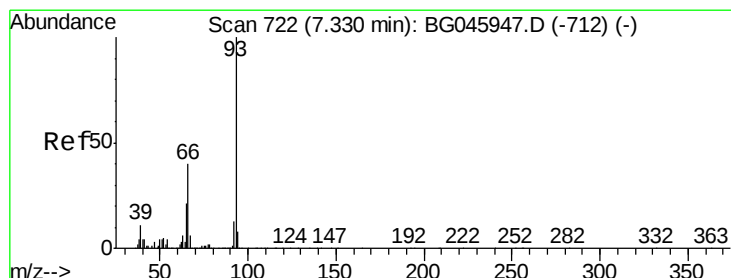
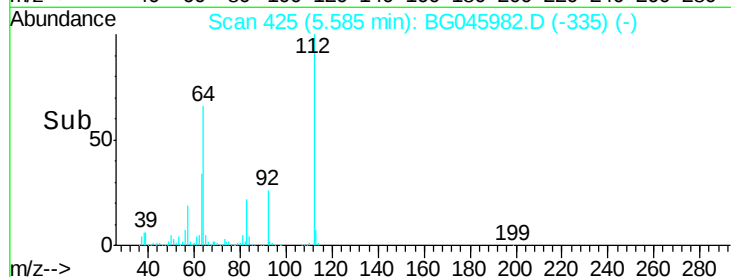
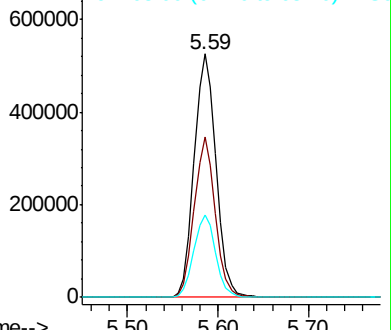
63 33.8 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.539 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

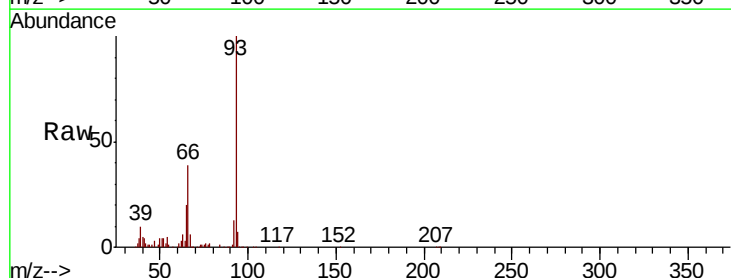
Tgt Ion: 93 Resp: 157562

Ion Ratio Lower Upper

93 100

66 39.4 32.3 48.5

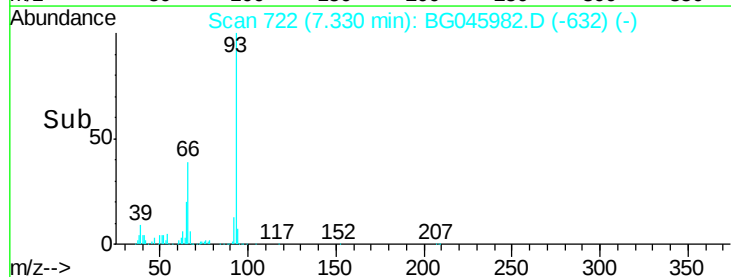
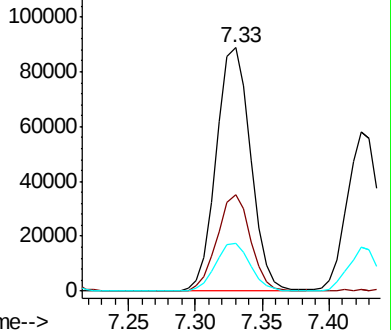
65 19.9 16.6 25.0

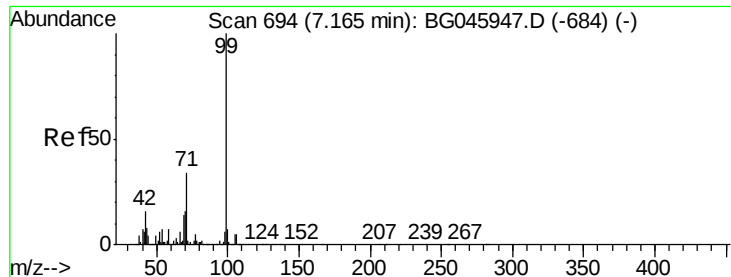


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.837 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

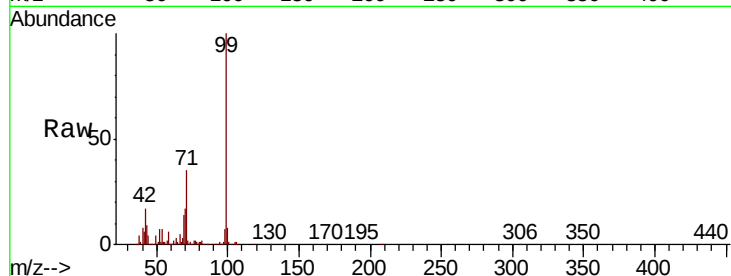
BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 99 Resp: 1276175

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.3  | 13.0  | 19.4  |
| 71  | 34.6  | 27.5  | 41.3  |

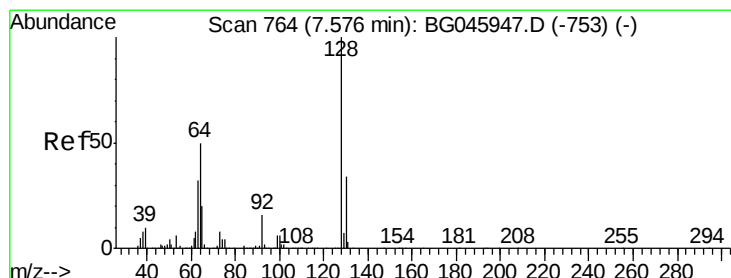
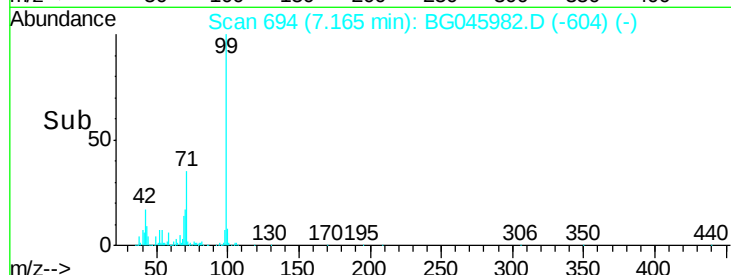
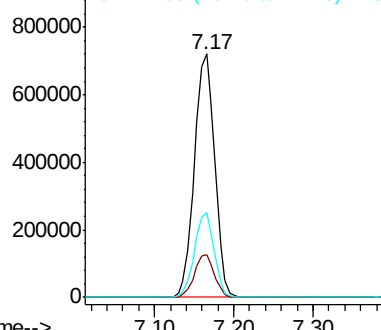


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 9.082 ng

RT: 7.57 min Scan# 763

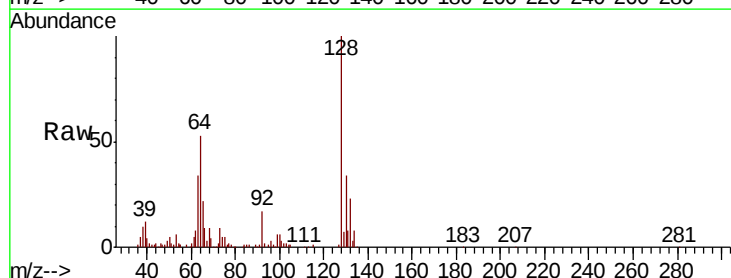
Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Tgt Ion: 128 Resp: 87676

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.9  | 13.6  | 53.6  |
| 64  | 53.5  | 30.6  | 70.6  |

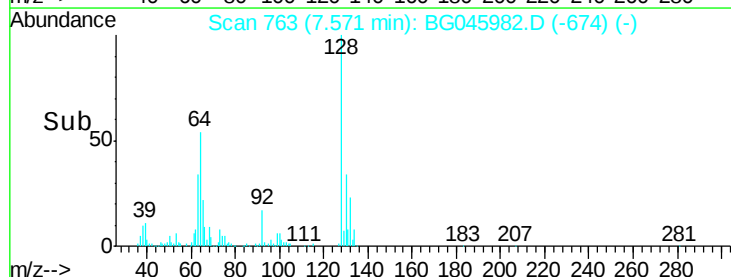
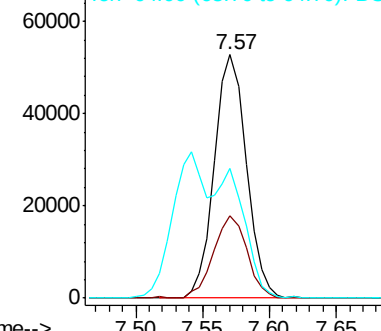


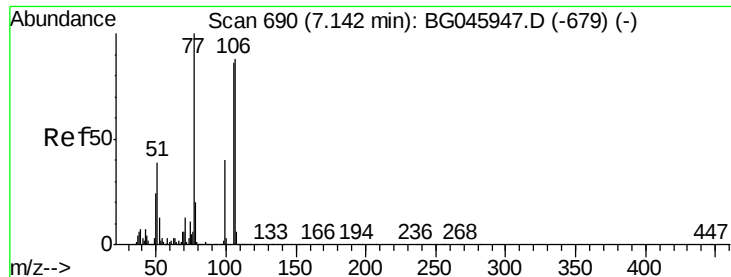
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 17.154 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

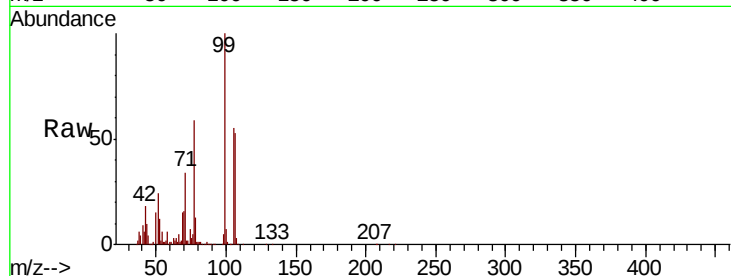
Tot Ion: 77 Resp: 140328

Ion Ratio Lower Upper

77 100

105 92.1 66.0 106.0

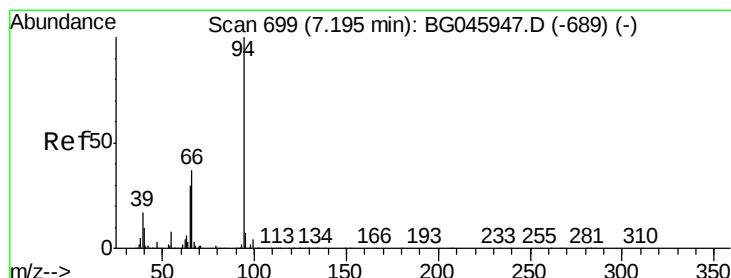
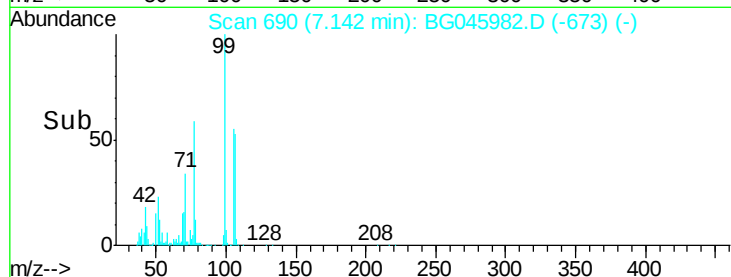
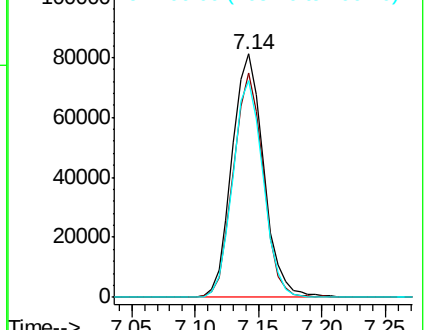
106 88.8 67.7 107.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 9.158 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

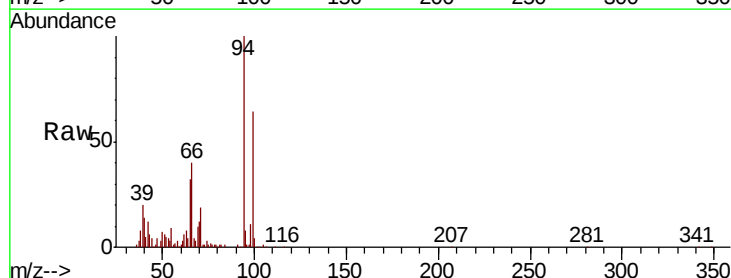
Tgt Ion: 94 Resp: 118613

Ion Ratio Lower Upper

94 100

65 32.2 10.6 50.6

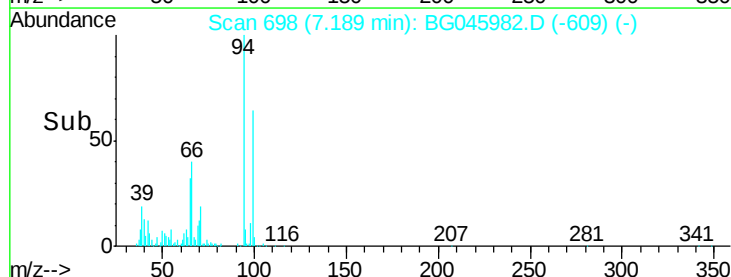
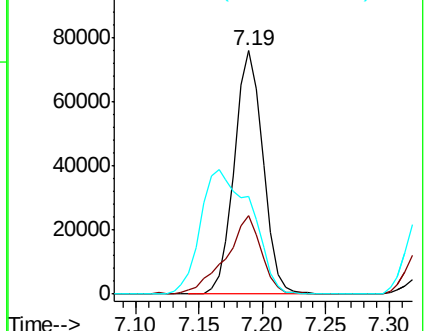
66 40.0 17.1 57.1

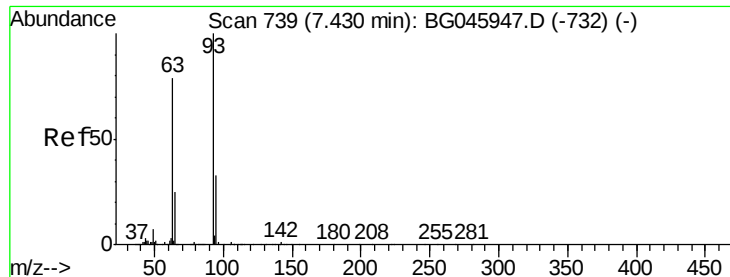


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

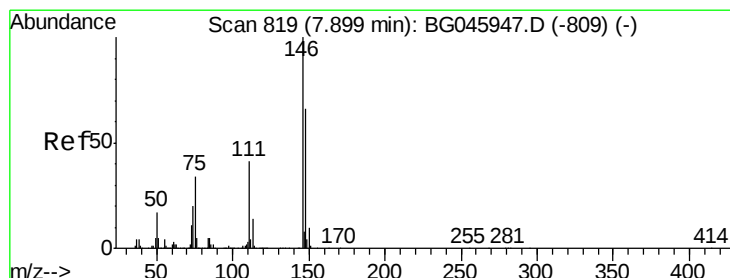
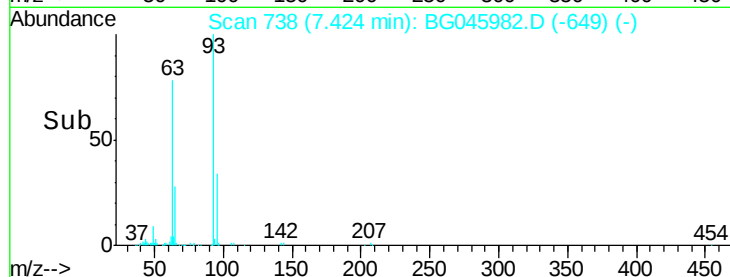
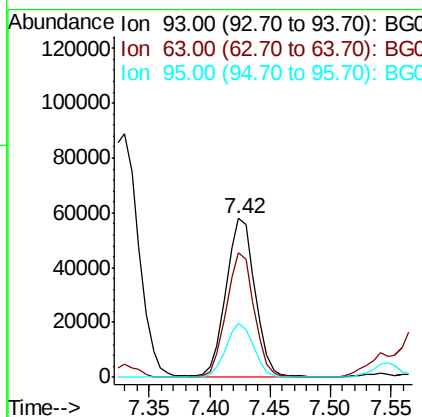
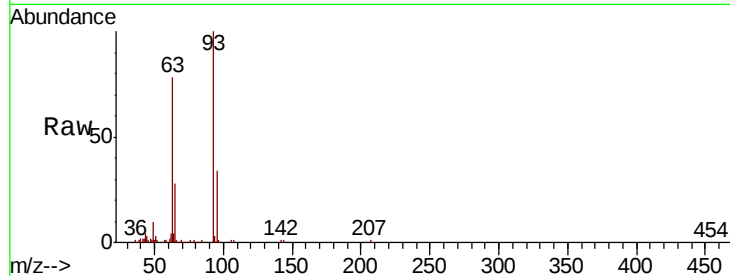




#11  
 bis(2-Chloroethyl)ether  
 Concen: 9.035 ng  
 RT: 7.42 min Scan# 738  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

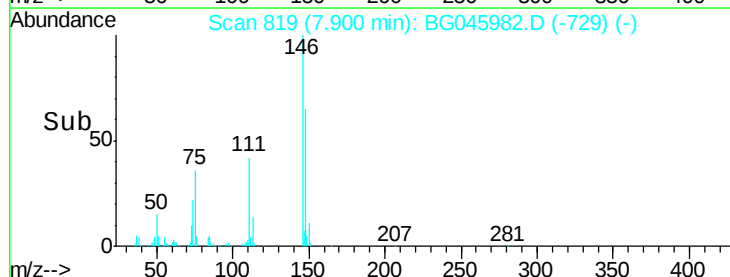
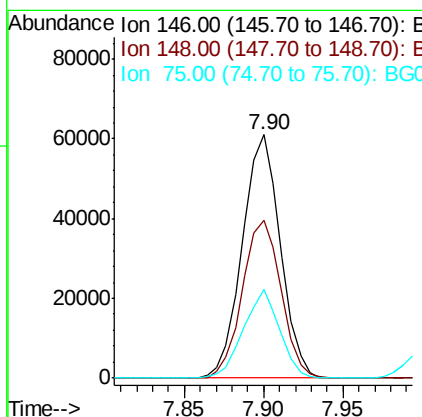
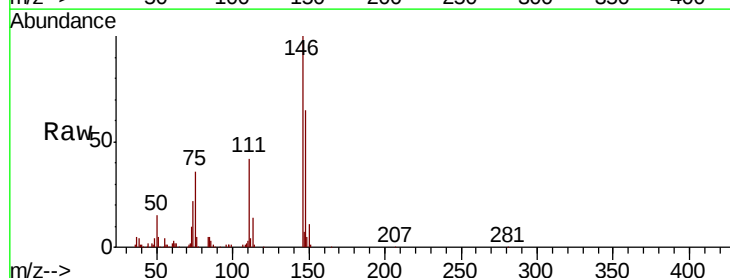
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

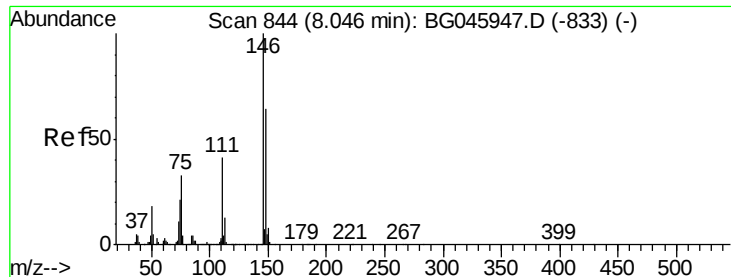
Tot Ion: 93 Resp: 96773  
 Ion Ratio Lower Upper  
 93 100  
 63 78.5 58.6 98.6  
 95 34.1 13.3 53.3



#12  
 1,3-Dichlorobenzene  
 Concen: 9.128 ng  
 RT: 7.90 min Scan# 819  
 Delta R.T. 0.00 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

Tgt Ion: 146 Resp: 101575  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 52.8 79.2  
 75 36.5 27.2 40.8

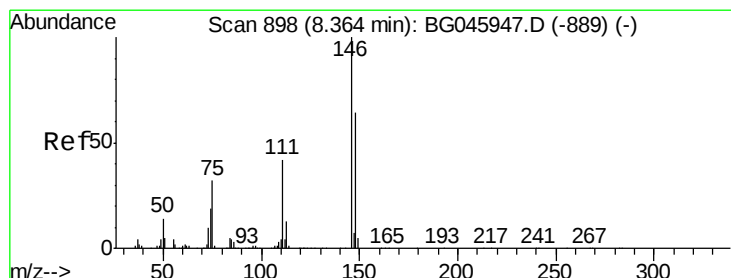
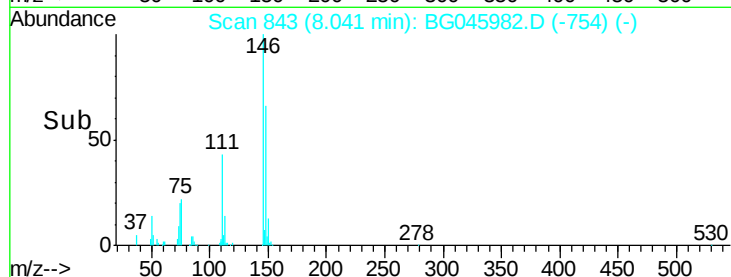
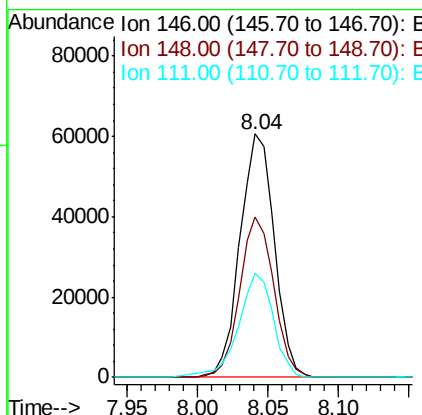
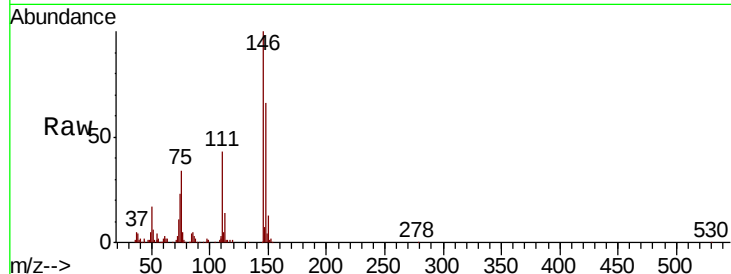




#13  
 1,4-Dichlorobenzene  
 Concen: 9.419 ng  
 RT: 8.04 min Scan# 843  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

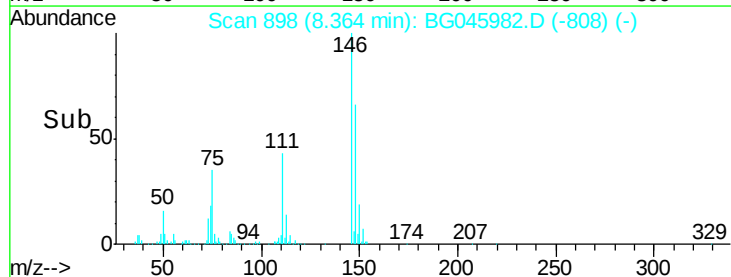
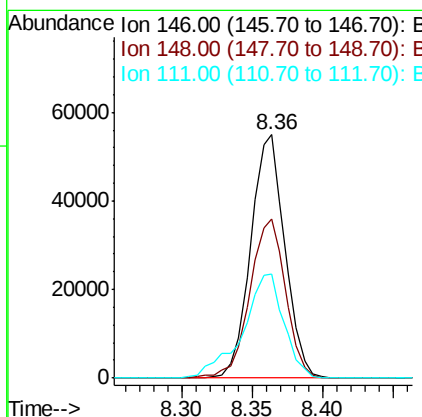
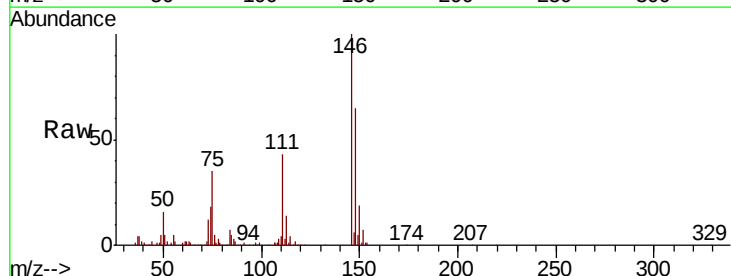
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

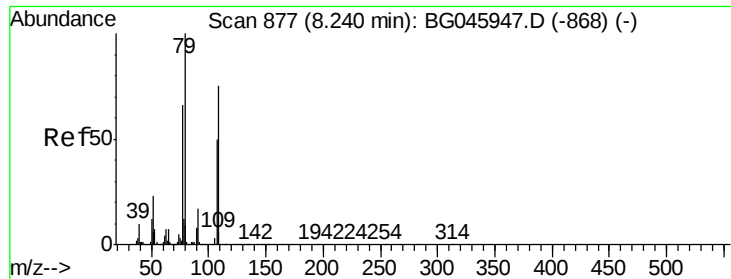
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 51.7  | 77.5  |
| 111     | 43.0  | 33.3  | 49.9  |



#14  
 1,2-Dichlorobenzene  
 Concen: 8.838 ng  
 RT: 8.36 min Scan# 898  
 Delta R.T. 0.00 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 51.6  | 77.4  |
| 111     | 42.7  | 34.0  | 51.0  |

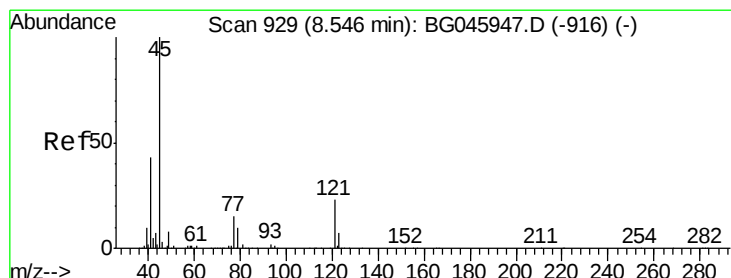
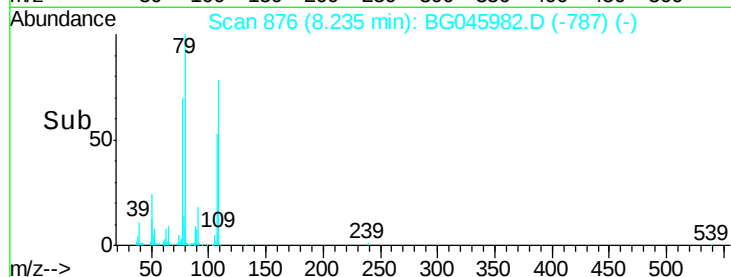
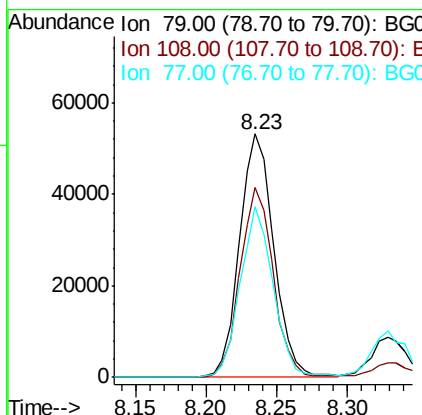
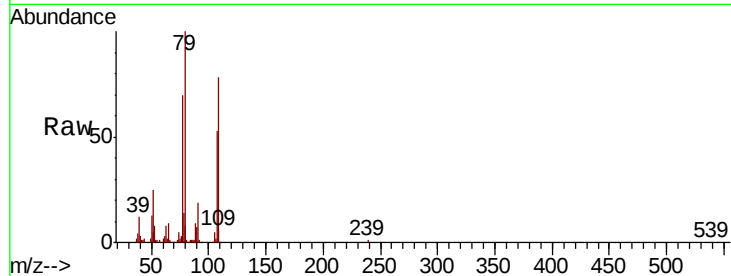




#15  
Benzyl Alcohol  
Concen: 8.941 ng  
RT: 8.23 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

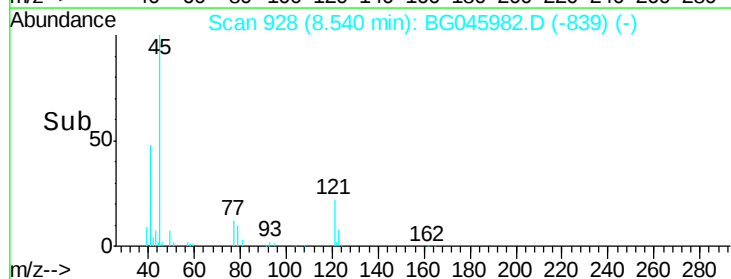
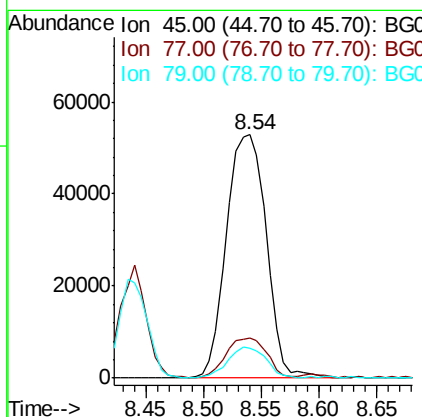
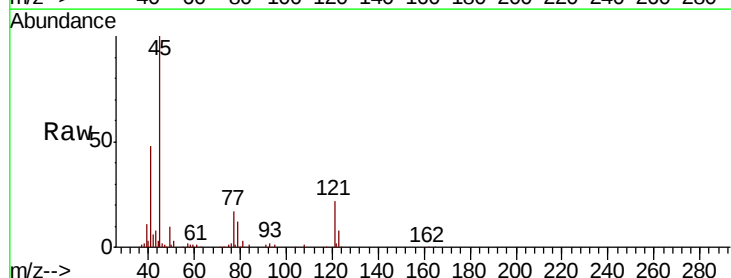
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

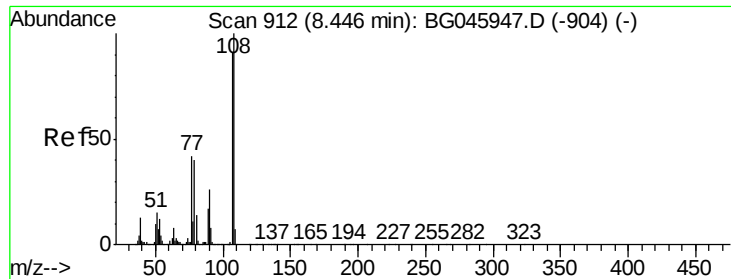
Tot Ion: 79 Resp: 90518  
Ion Ratio Lower Upper  
79 100  
108 78.0 60.2 90.4  
77 70.2 52.9 79.3



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 9.075 ng  
RT: 8.54 min Scan# 928  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Tgt Ion: 45 Resp: 126809  
Ion Ratio Lower Upper  
45 100  
77 16.6 0.0 37.6  
79 12.3 0.0 32.6





#17

2-Methylphenol

Concen: 8.436 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:107 Resp: 81983

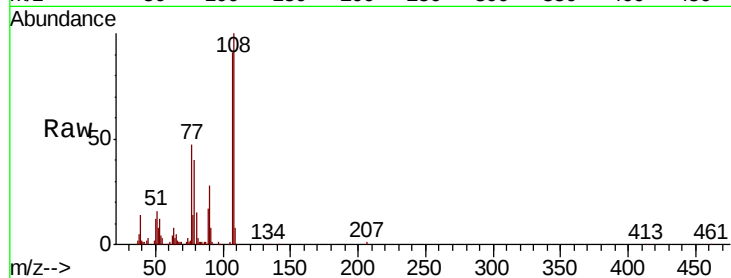
Ion Ratio Lower Upper

107 100

108 110.5 88.2 132.4

77 52.4 37.0 55.4

79 43.8 35.4 53.0

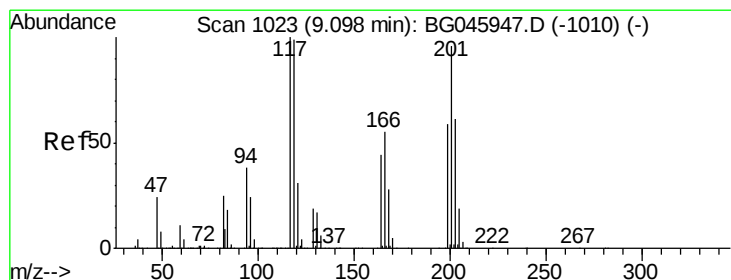
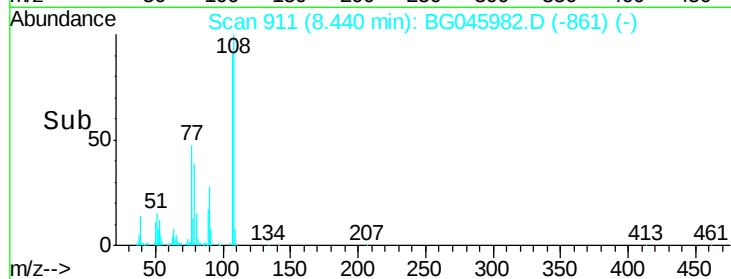
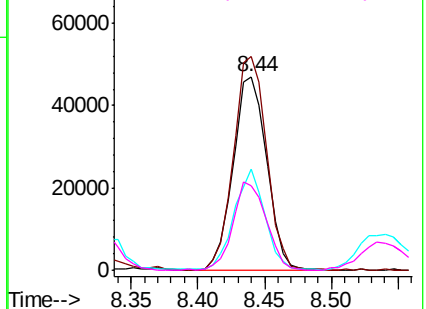


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 9.172 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

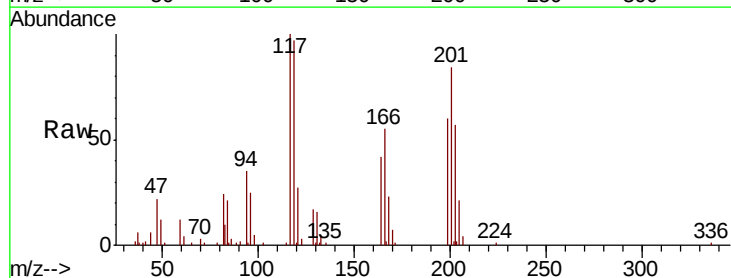
Tgt Ion:117 Resp: 38631

Ion Ratio Lower Upper

117 100

119 97.5 79.5 119.3

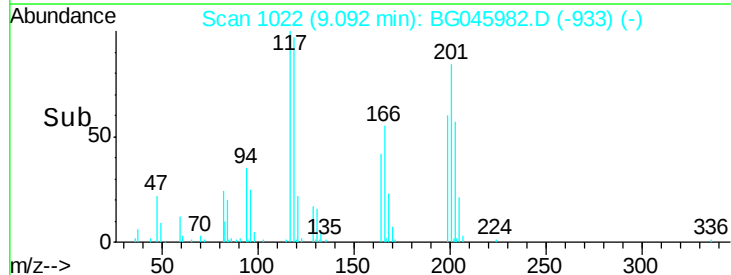
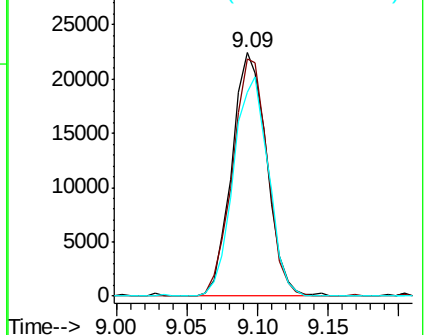
201 83.8 77.0 115.4

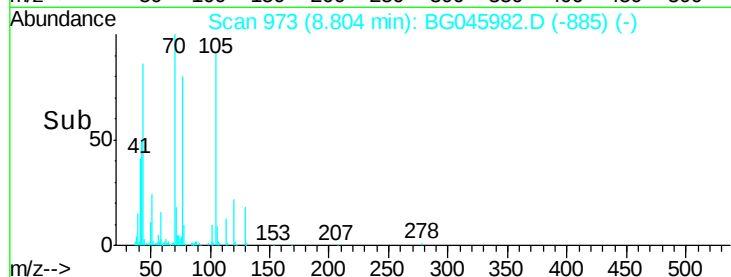
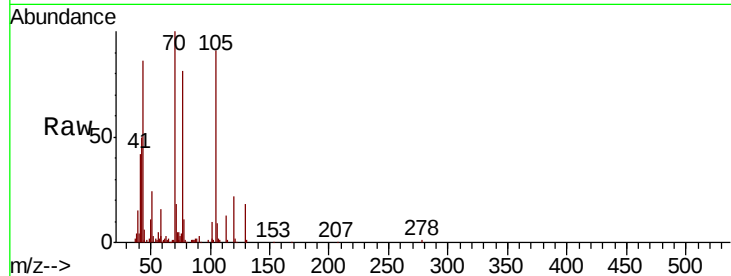
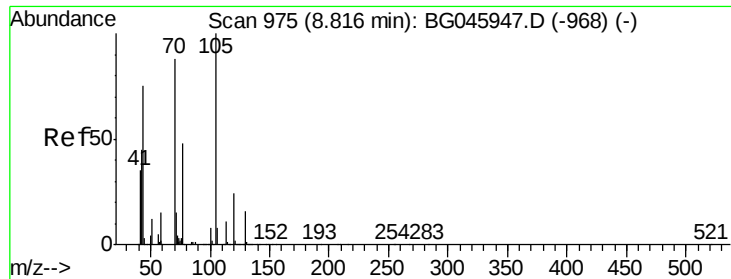


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

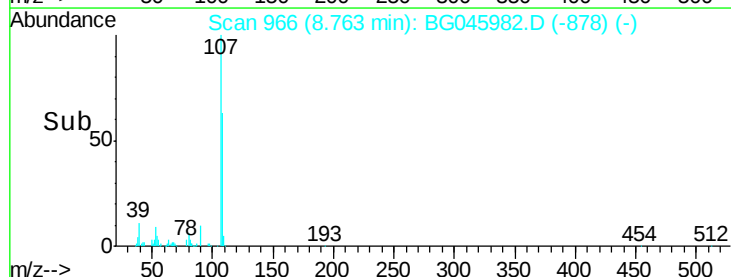
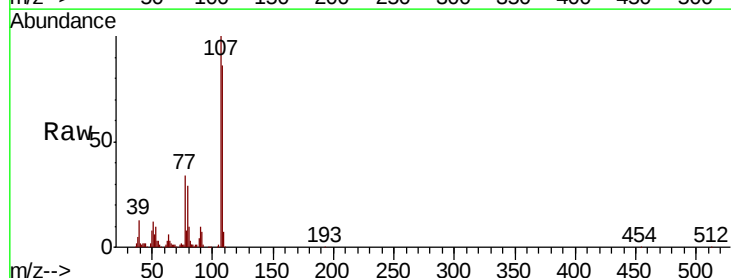
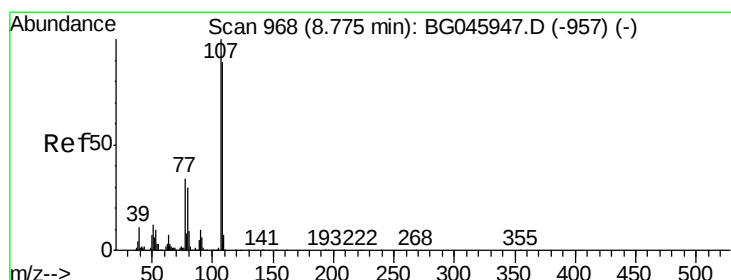
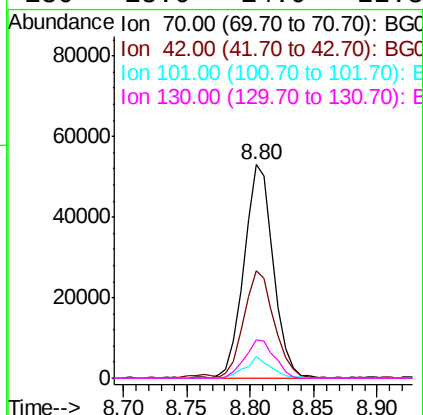




#19  
n-Nitroso-di-n-propylamine  
Concen: 9.363 ng  
RT: 8.80 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

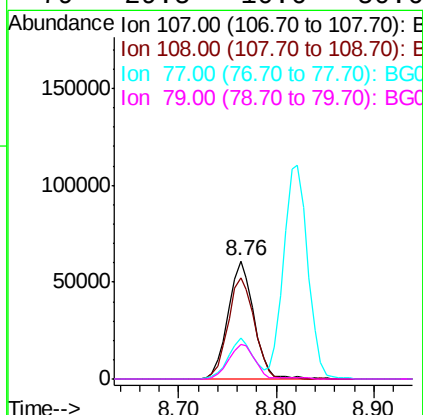
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

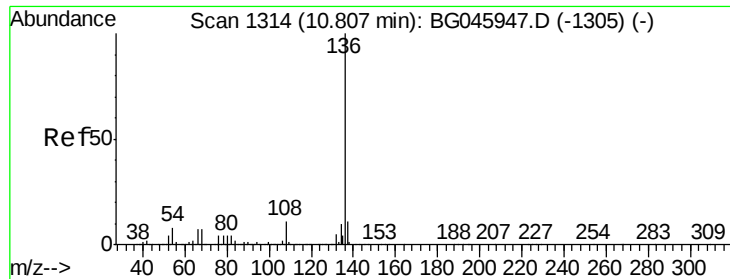
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 84927 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 50.2  | 41.4  | 62.0  |
| 101      | 9.9   | 7.1   | 10.7  |
| 130      | 18.0  | 14.9  | 22.3  |



#20  
3+4-Methylphenols  
Concen: 8.425 ng  
RT: 8.76 min Scan# 966  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 111594 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.1  | 68.7  | 108.7  |
| 77       | 34.2  | 14.6  | 54.6   |
| 79       | 29.5  | 10.6  | 50.6   |

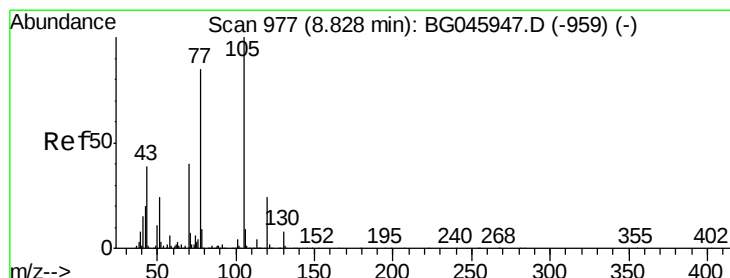
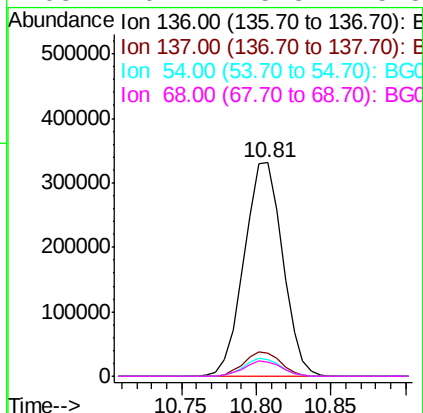
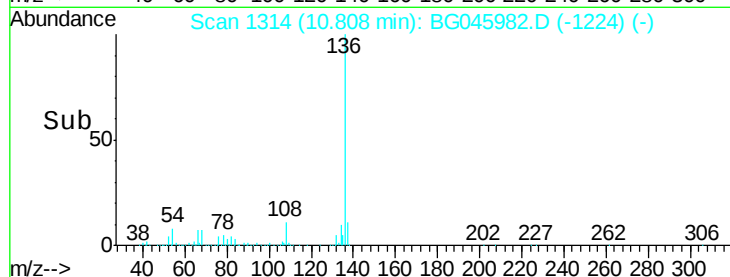
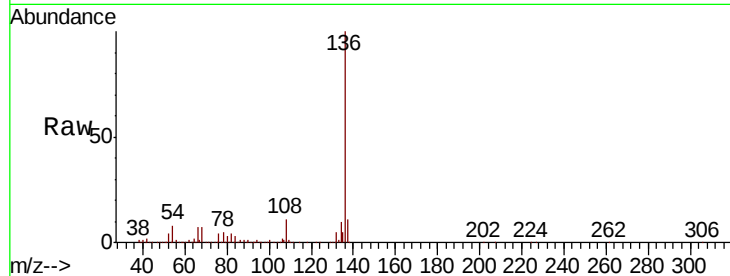




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.81 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

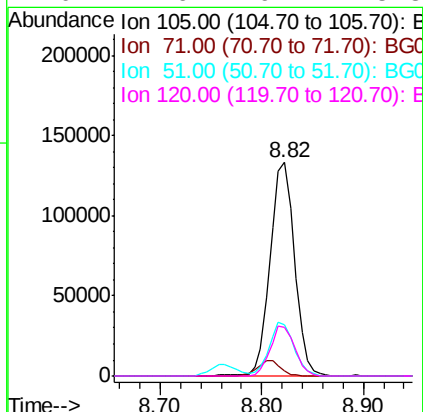
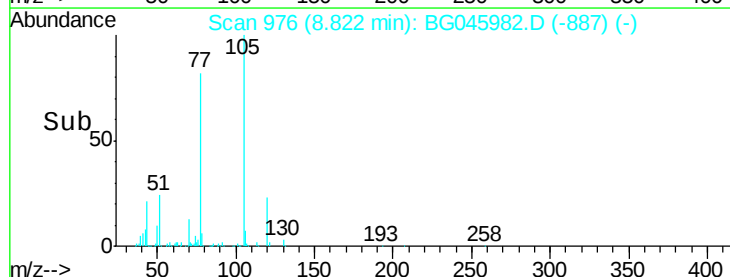
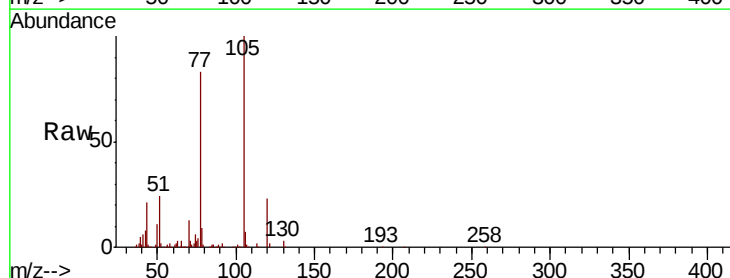
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

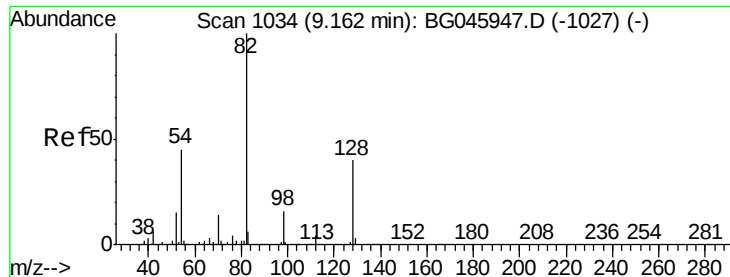
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 590423 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.1    | 9.2 13.8     |
| 54 8.0      | 6.2 9.4      |
| 68 6.7      | 5.8 8.8      |



#22  
Acetophenone  
Concen: 14.292 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 225429 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 2.6     | 6.2   | 9.2#   |
| 51  | 24.1    | 19.7  | 29.5   |
| 120 | 22.6    | 19.2  | 28.8   |

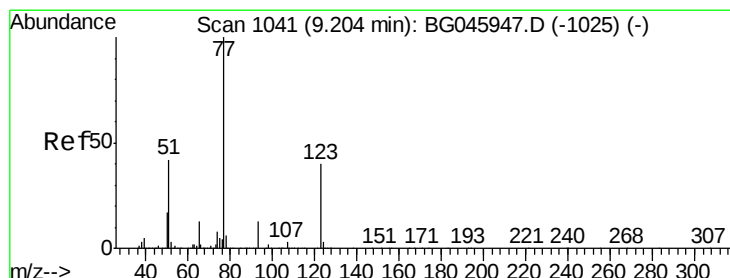
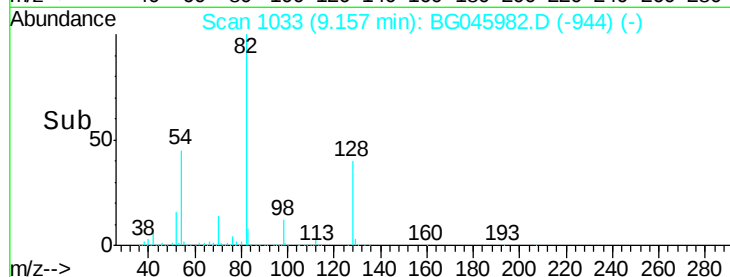
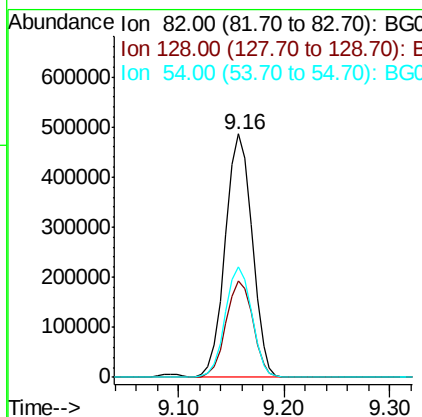
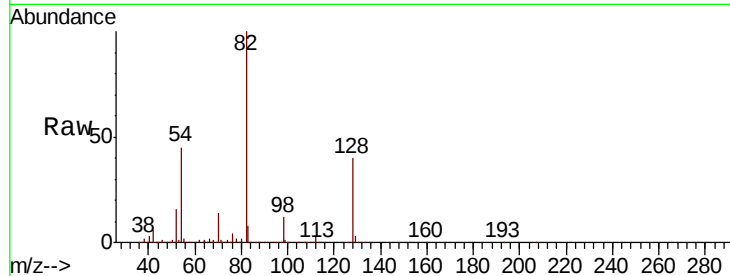




#23  
 Nitrobenzene-d5  
 Concen: 83.520 ng  
 RT: 9.16 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

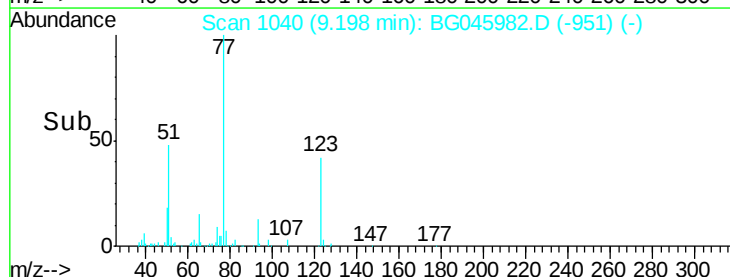
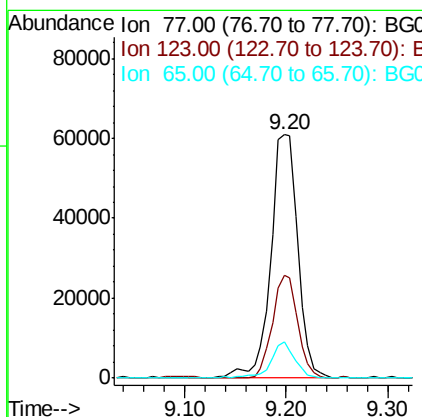
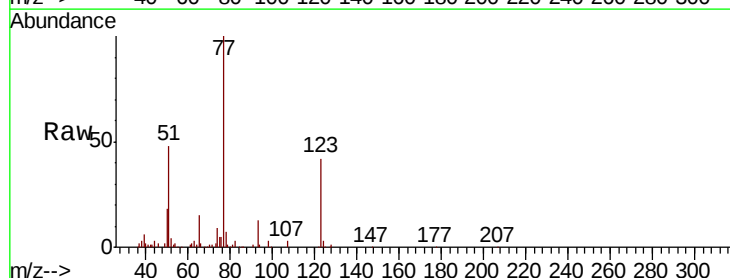
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

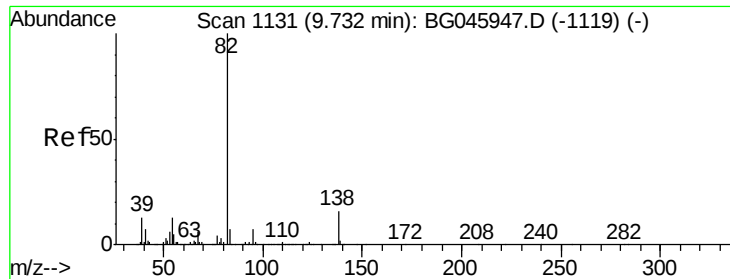
| Tot Ion   | 82    | Resp  | 856739 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 39.7  | 32.2  | 48.4   |
| 54        | 45.1  | 35.8  | 53.6   |



#24  
 Nitrobenzene  
 Concen: 10.112 ng  
 RT: 9.20 min Scan# 1040  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

| Tgt Ion   | 77    | Resp  | 114489 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 42.1  | 32.7  | 49.1   |
| 65        | 14.7  | 10.2  | 15.4   |





#25

Isophorone

Concen: 8.735 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

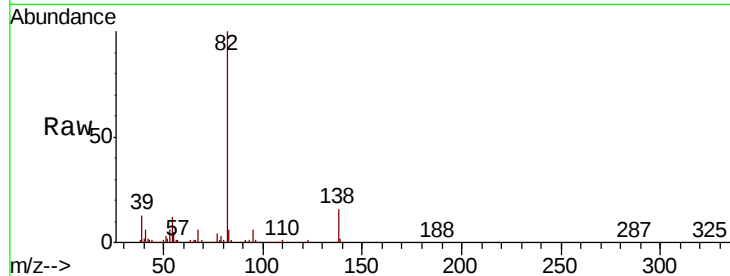
Tot Ion: 82 Resp: 218741

Ion Ratio Lower Upper

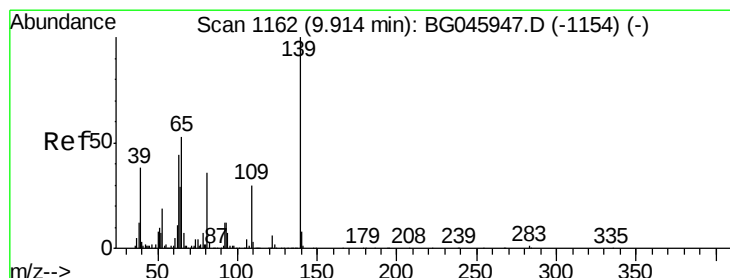
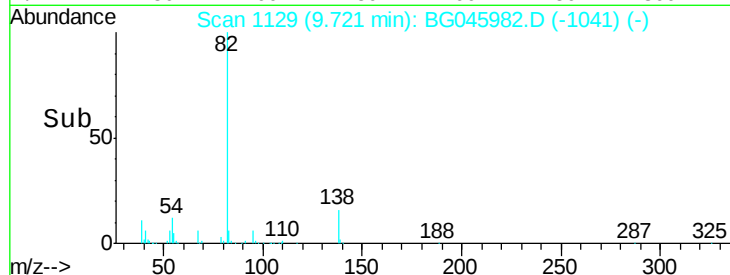
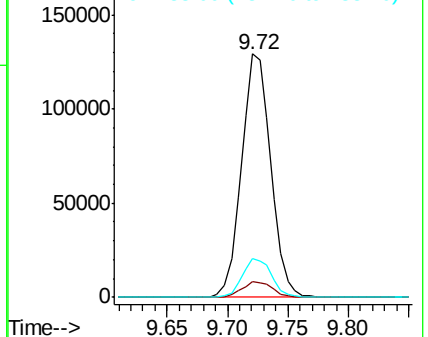
82 100

95 6.3 5.8 8.6

138 16.1 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 9.563 ng

RT: 9.91 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

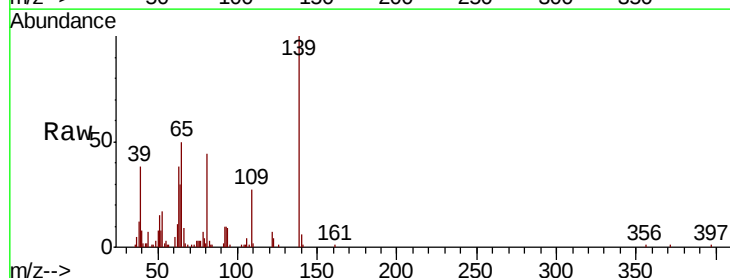
Tgt Ion: 139 Resp: 35291

Ion Ratio Lower Upper

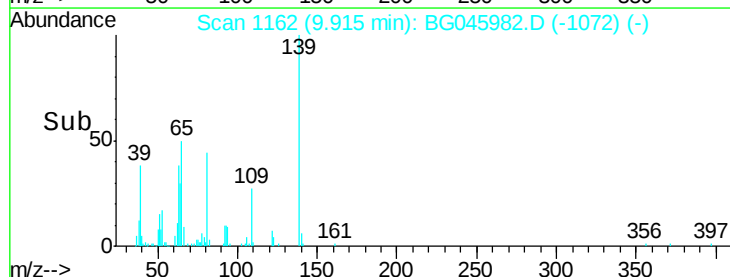
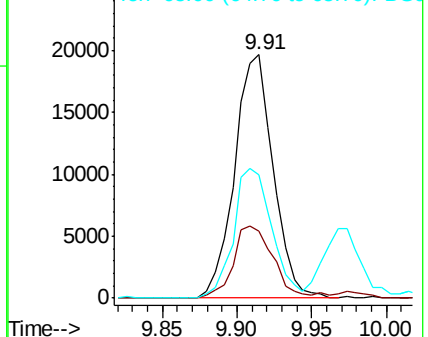
139 100

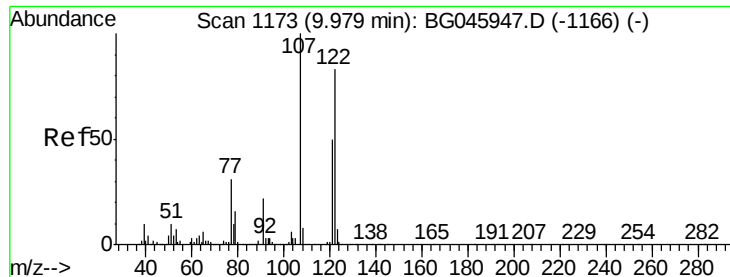
109 27.5 24.6 37.0

65 50.5 42.6 64.0



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 9.691 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

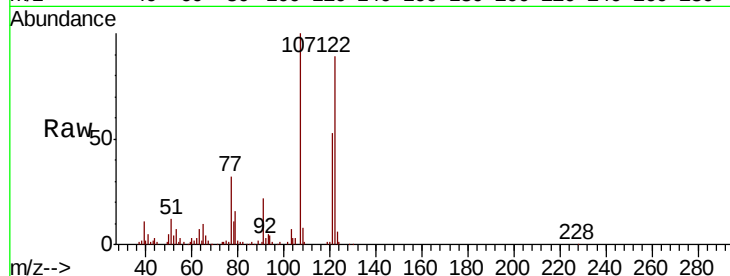
Tot Ion: 122 Resp: 86382

Ion Ratio Lower Upper

122 100

107 112.9 95.6 143.4

121 60.0 47.7 71.5

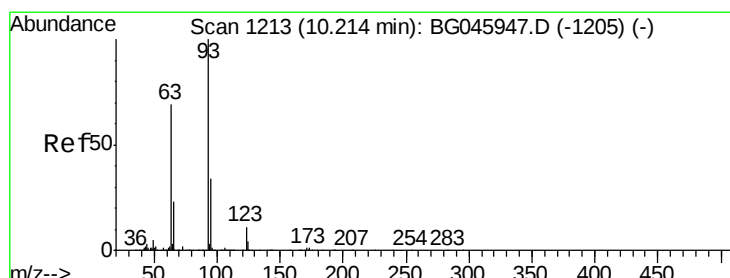
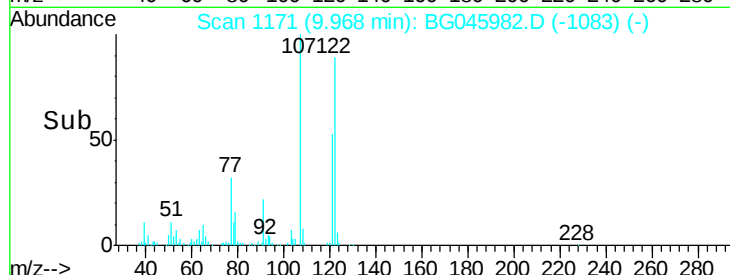
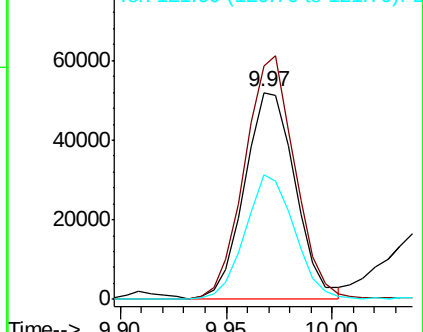


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 9.200 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

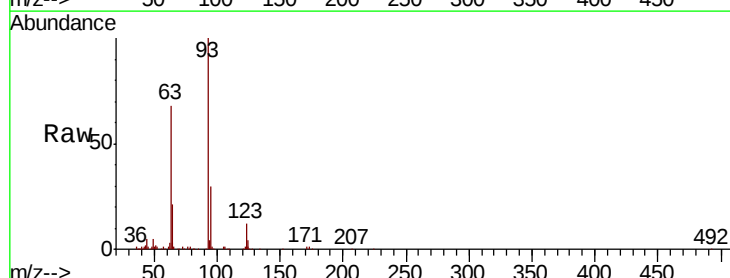
Tgt Ion: 93 Resp: 129366

Ion Ratio Lower Upper

93 100

95 30.3 27.5 41.3

123 12.0 9.2 13.8

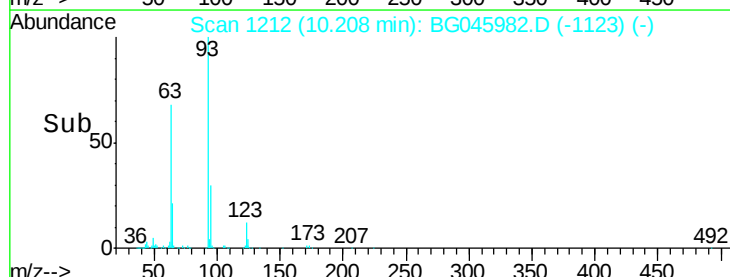
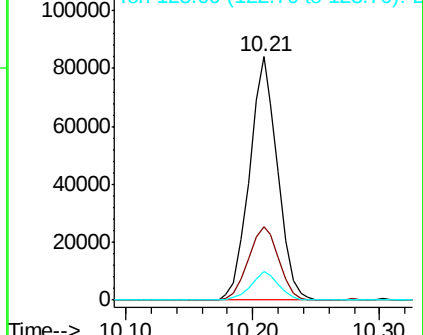


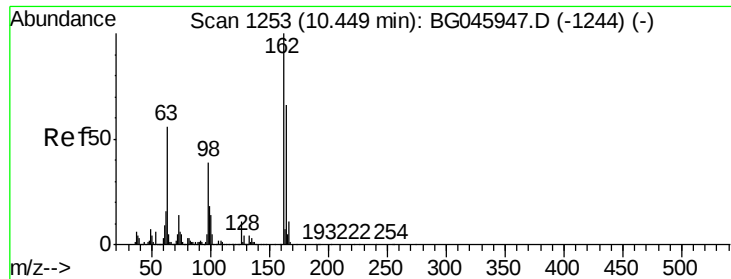
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 8.748 ng

RT: 10.44 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

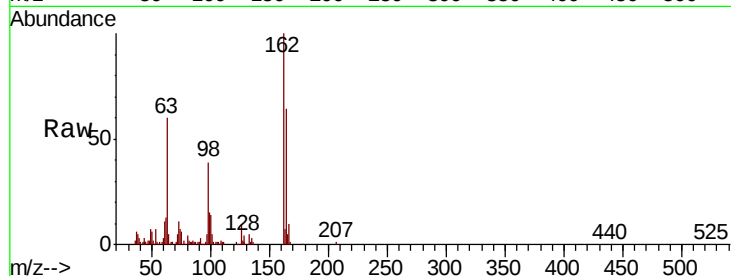
Tot Ion:162 Resp: 80719

Ion Ratio Lower Upper

162 100

164 64.2 46.0 86.0

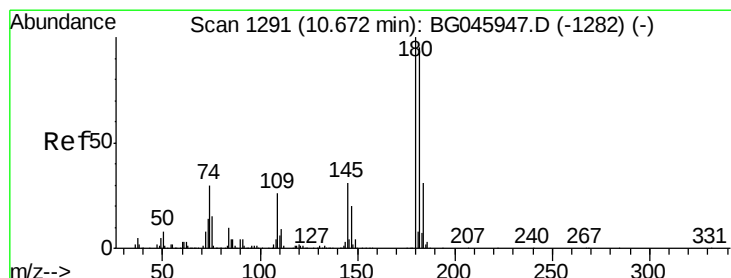
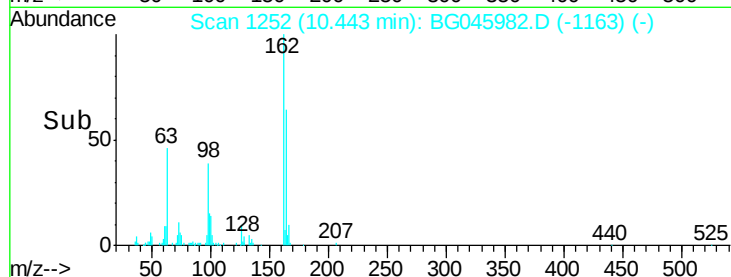
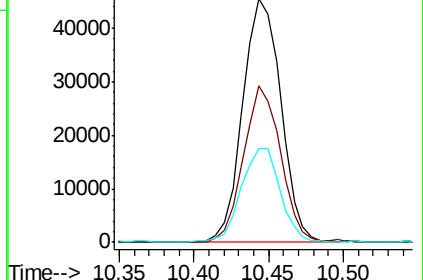
98 38.7 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 8.945 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

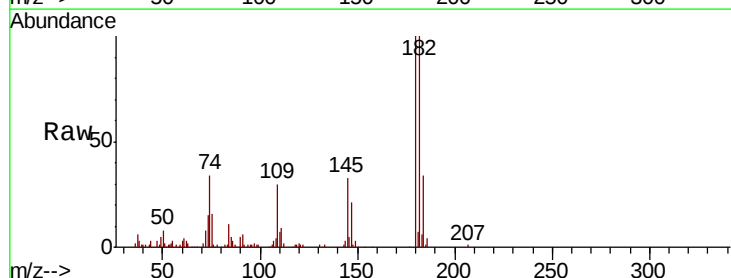
Tgt Ion:180 Resp: 91452

Ion Ratio Lower Upper

180 100

182 100.1 76.3 114.5

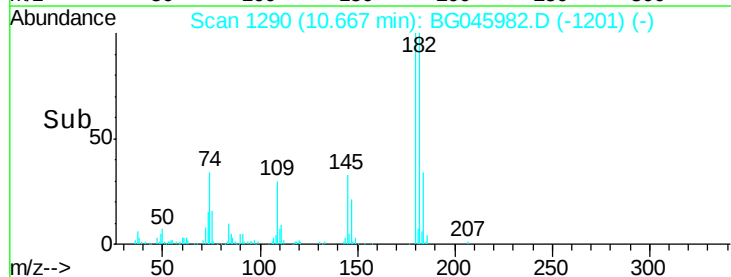
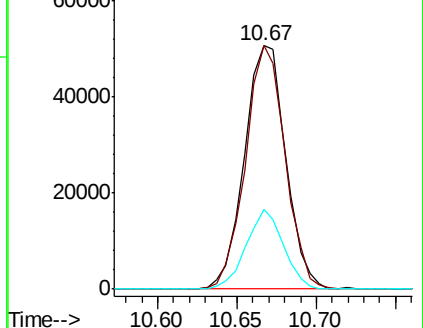
145 32.8 24.8 37.2

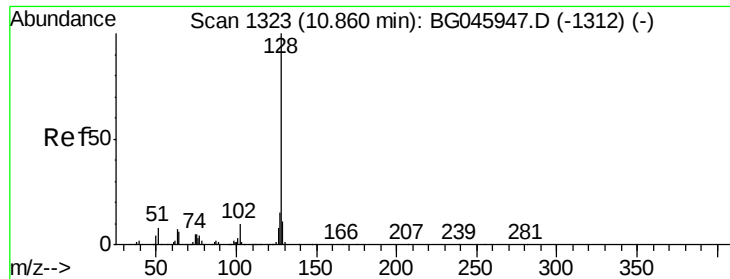


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

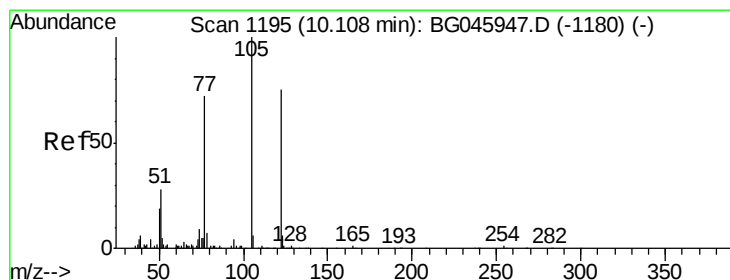
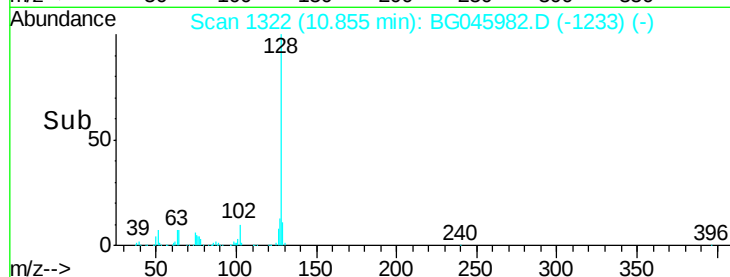
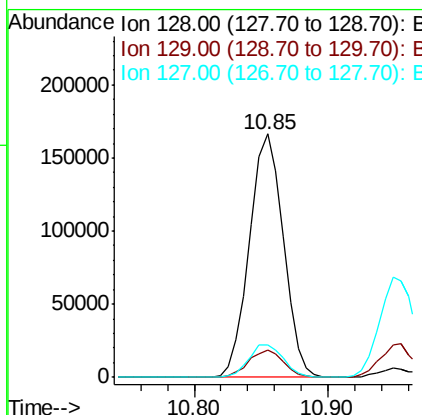
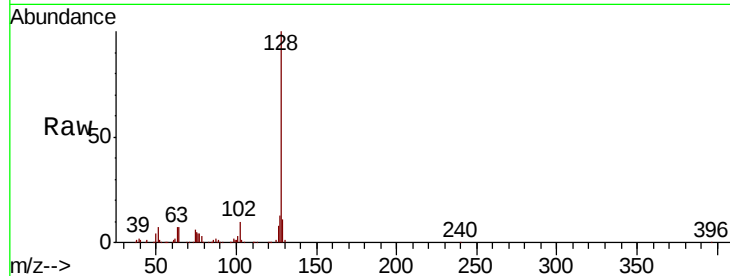




#31  
Naphthalene  
Concen: 9.231 ng  
RT: 10.85 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

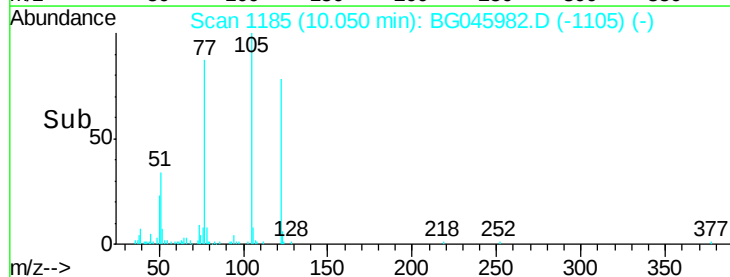
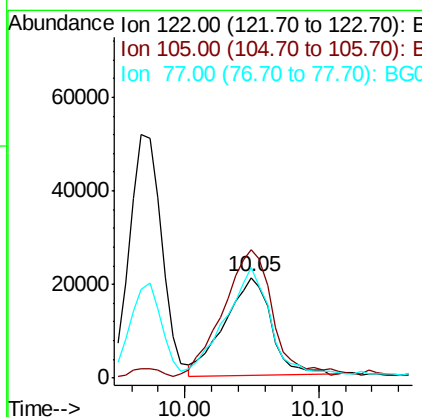
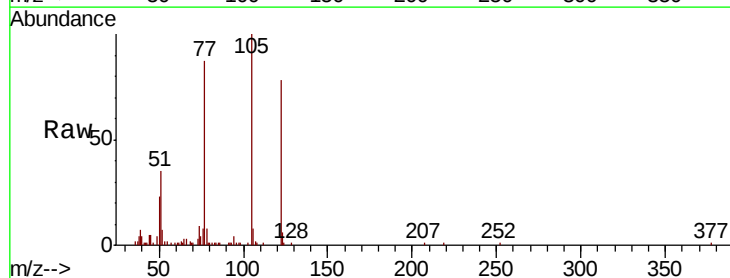
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

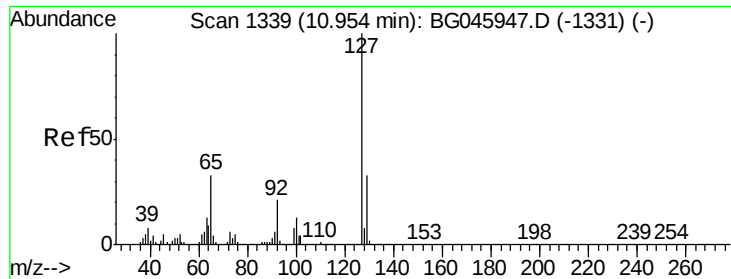
Tot Ion:128 Resp: 292171  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.2 13.8  
127 13.1 11.8 17.6



#32  
Benzoic acid  
Concen: 10.386 ng  
RT: 10.05 min Scan# 1185  
Delta R.T. -0.06 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Tgt Ion:122 Resp: 50128  
Ion Ratio Lower Upper  
122 100  
105 127.4 110.8 150.8  
77 110.5 76.4 116.4

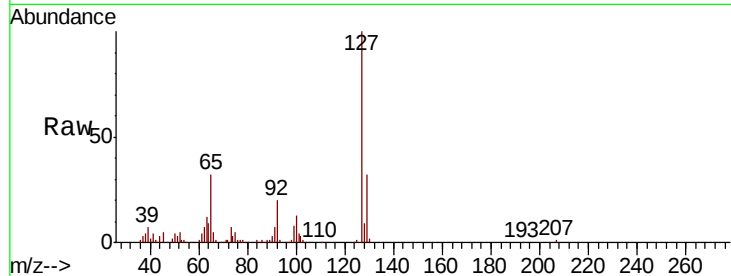




#33  
4-Chloroaniline  
Concen: 8.703 ng  
RT: 10.95 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 123098 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 26.6  | 39.8   |
| 65       | 31.8  | 26.8  | 40.2   |
| 92       | 20.1  | 17.0  | 25.4   |



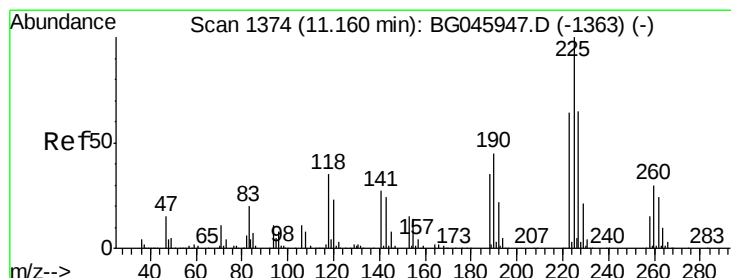
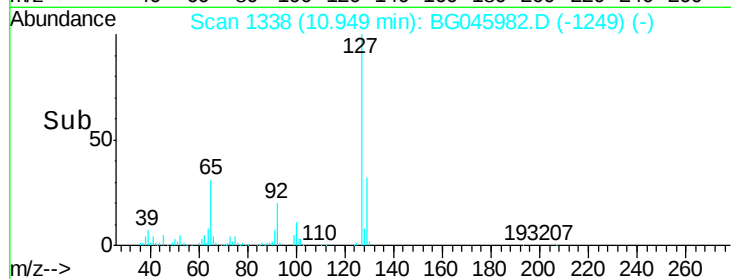
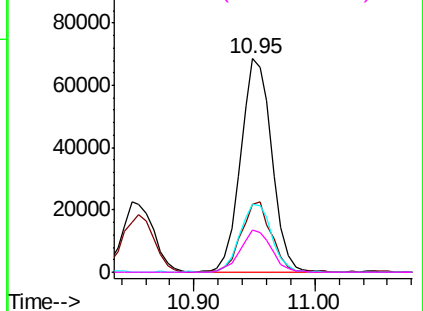
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

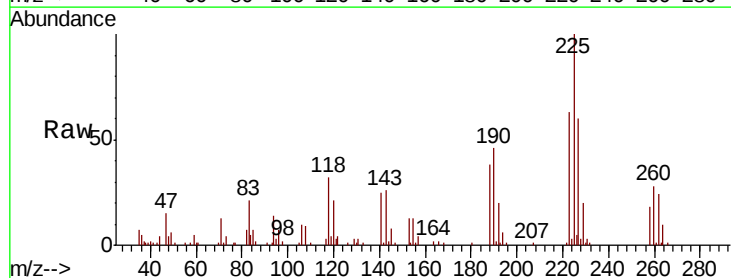
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 8.420 ng  
RT: 11.15 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 50266 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.7  | 51.2  | 76.8  |
| 227      | 60.3  | 52.3  | 78.5  |

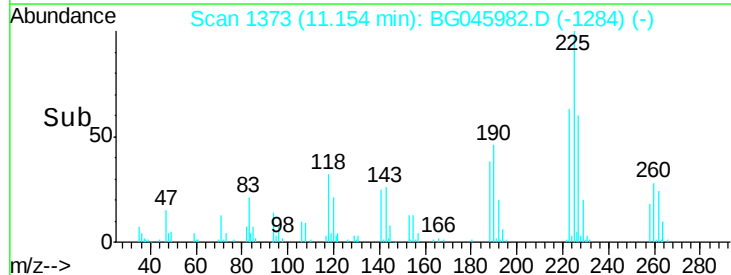
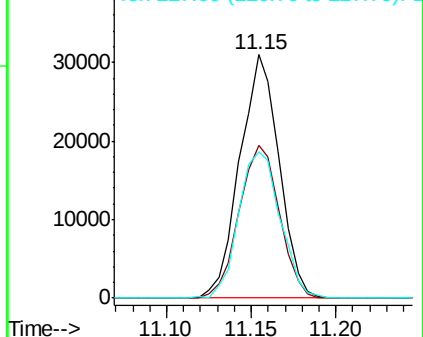


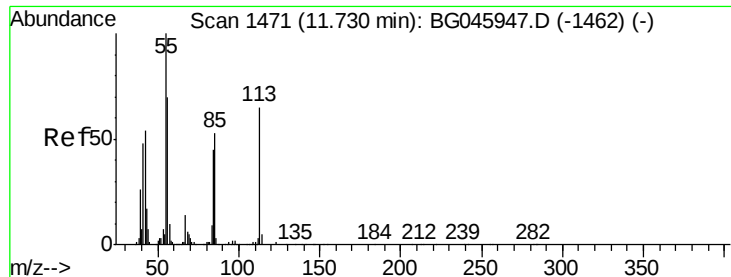
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 8.614 ng

RT: 11.69 min Scan# 1464

Delta R.T. -0.04 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

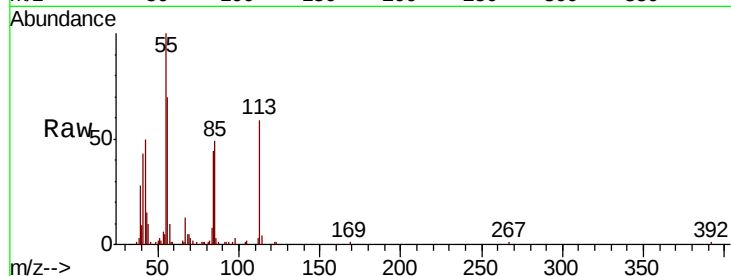
Tot Ion:113 Resp: 30176

Ion Ratio Lower Upper

113 100

55 168.7 141.6 181.6

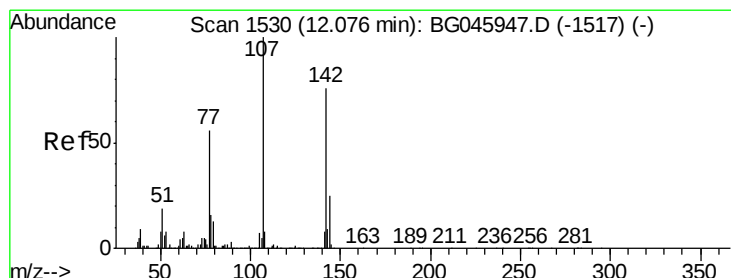
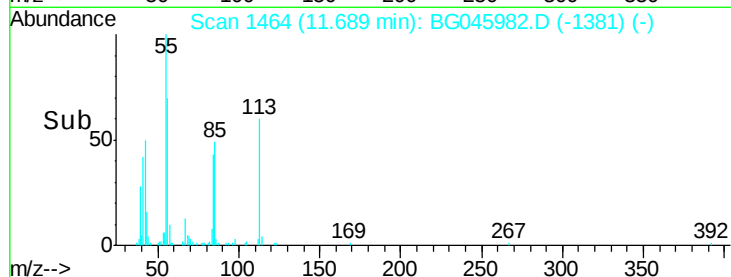
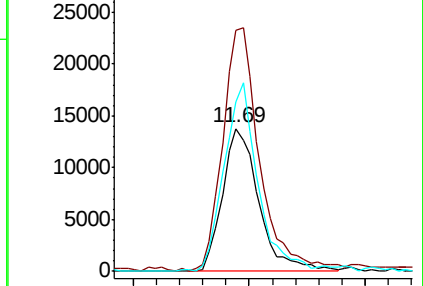
56 118.5 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 8.915 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

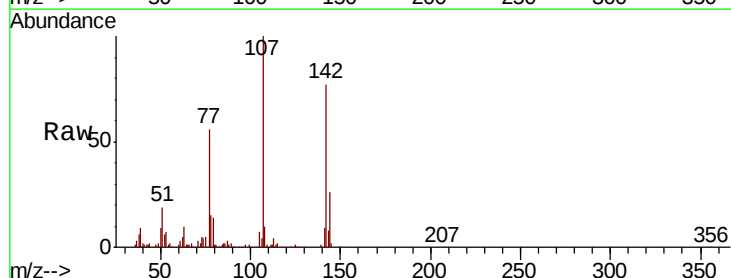
Tgt Ion:107 Resp: 93696

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

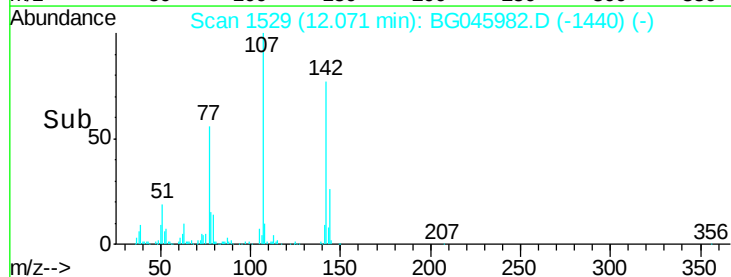
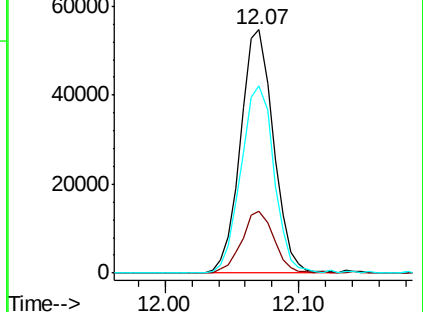
142 76.7 61.1 91.7

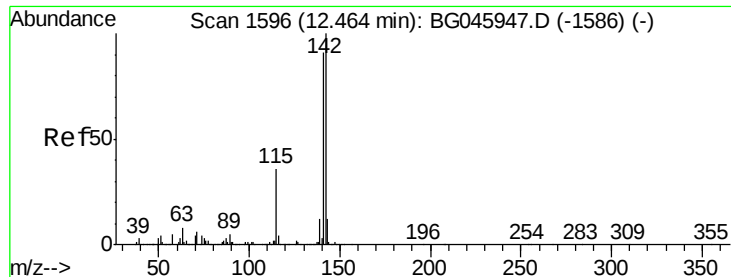


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

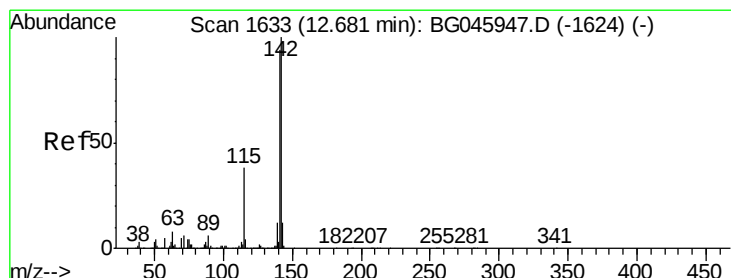
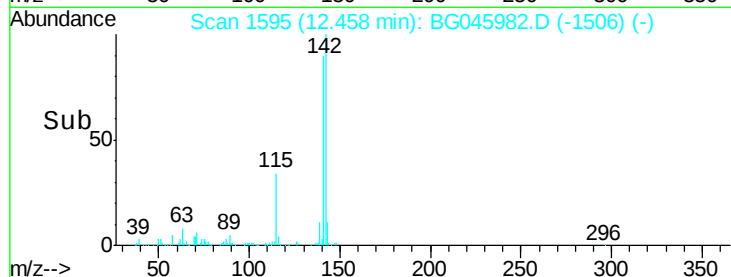
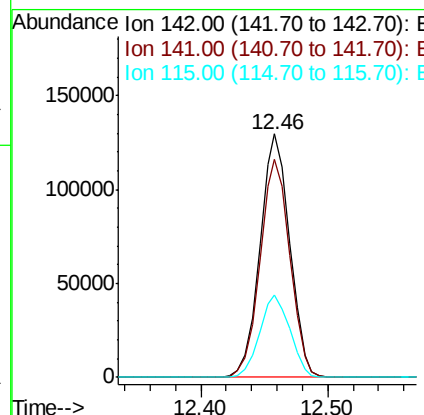
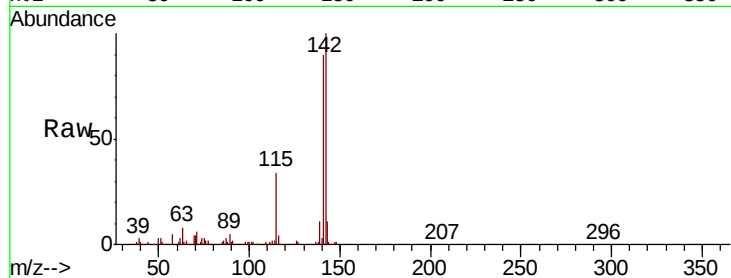




#37  
2-Methylnaphthalene  
Concen: 9.385 ng  
RT: 12.46 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

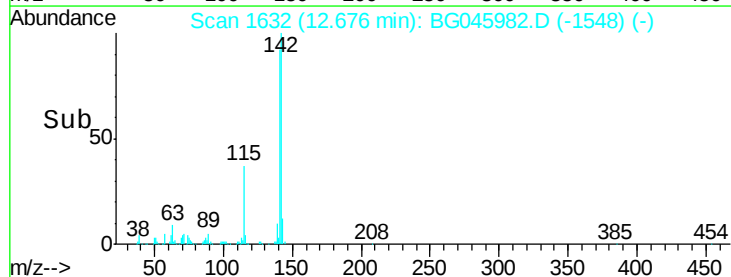
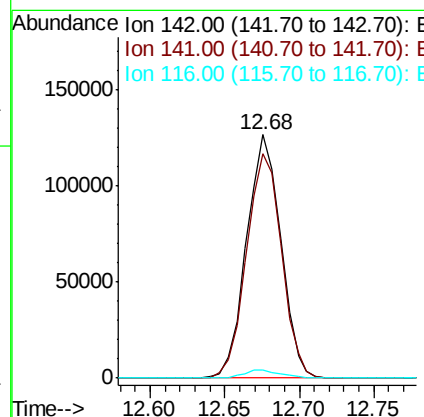
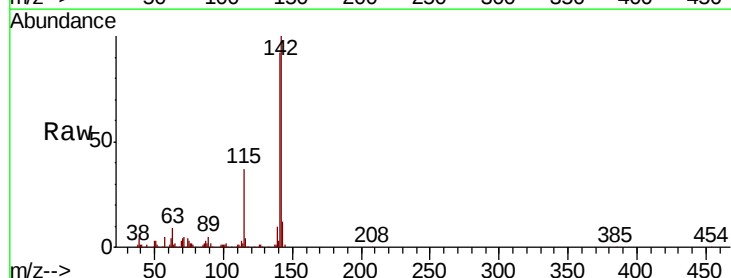
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

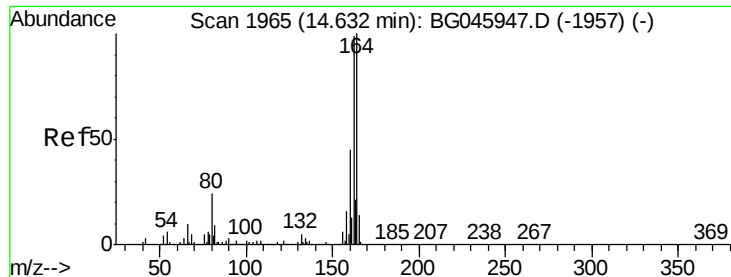
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 73.0  | 109.6 |
| 115     | 34.0  | 28.8  | 43.2  |



#38  
1-Methylnaphthalene  
Concen: 9.423 ng  
RT: 12.68 min Scan# 1632  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 75.2  | 112.8 |
| 116     | 3.5   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

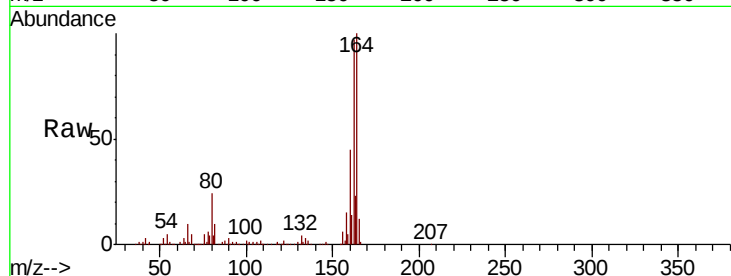
Tot Ion:164 Resp: 354144

Ion Ratio Lower Upper

164 100

162 96.9 79.3 118.9

160 45.3 35.7 53.5

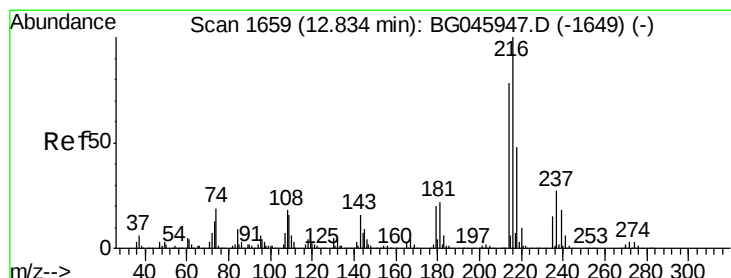
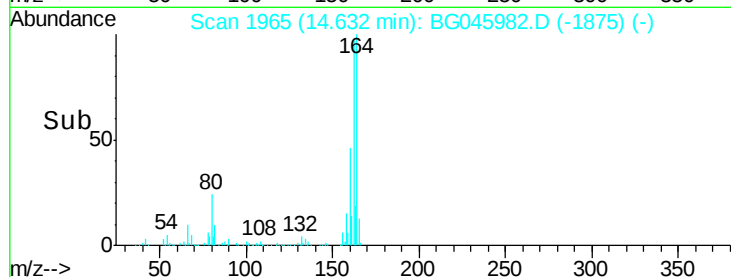
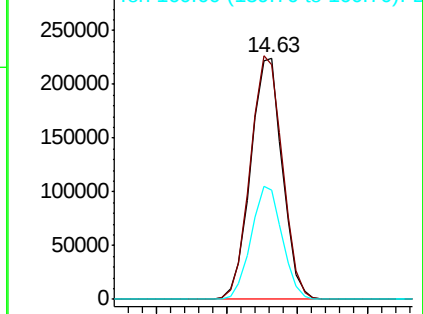


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 15.008 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Tgt Ion:216 Resp: 149821

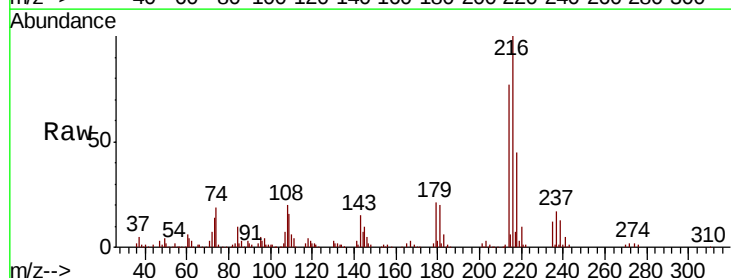
Ion Ratio Lower Upper

216 100

214 82.3 63.0 94.4

179 21.7 17.0 25.6

108 21.2 17.3 25.9



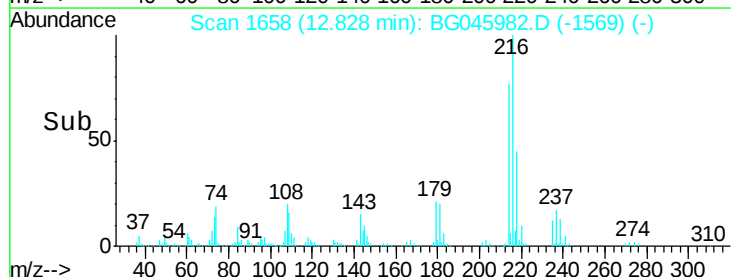
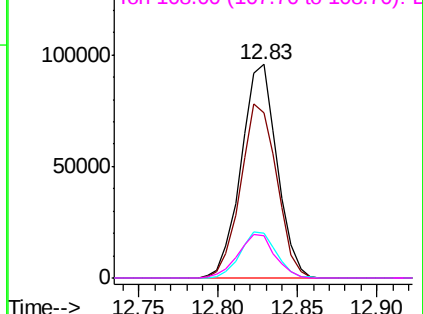
Abundance

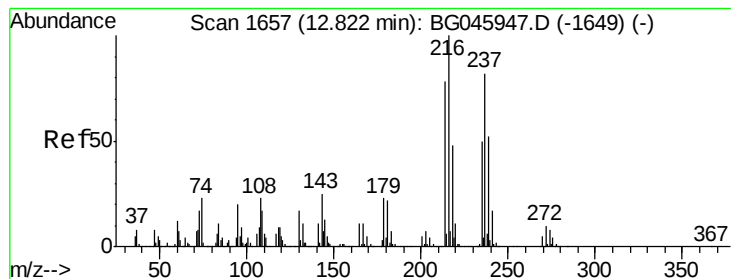
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.785 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

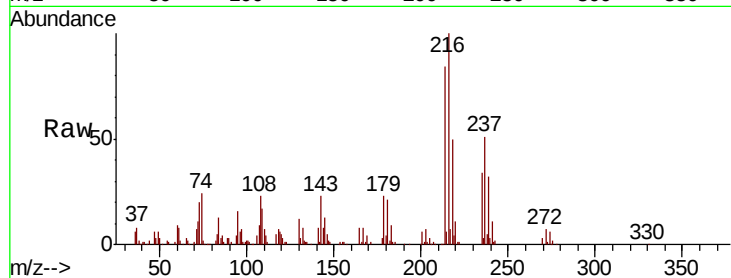
Tot Ion:237 Resp: 52036

Ion Ratio Lower Upper

237 100

235 67.8 41.5 81.5

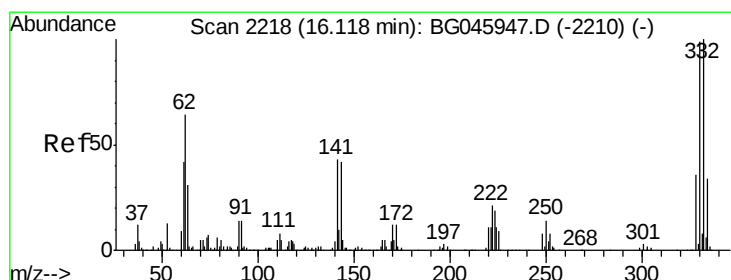
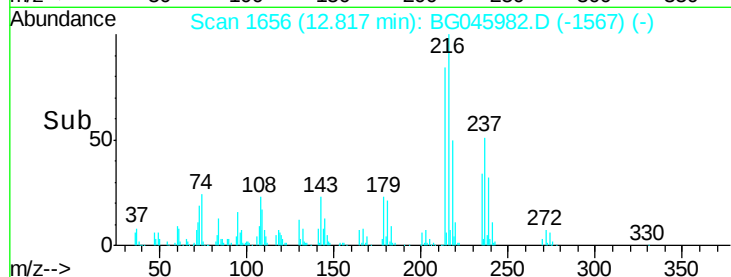
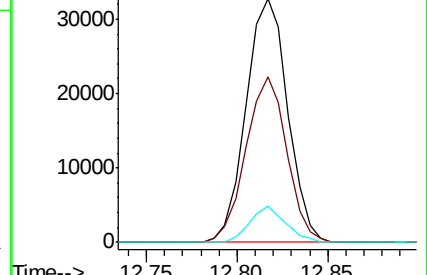
272 14.6 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.777 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

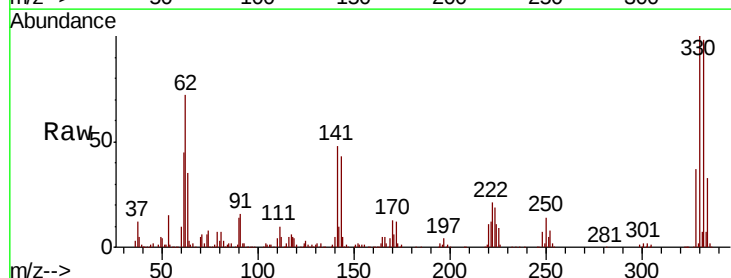
Tgt Ion:330 Resp: 334523

Ion Ratio Lower Upper

330 100

332 95.3 78.3 117.5

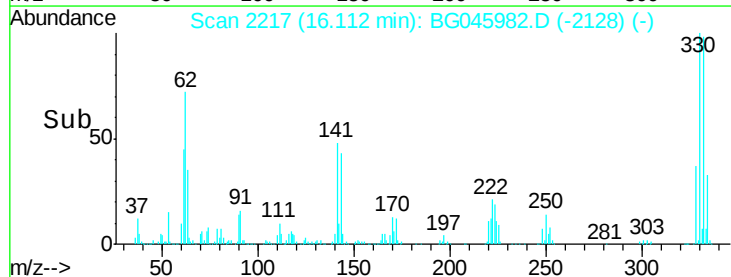
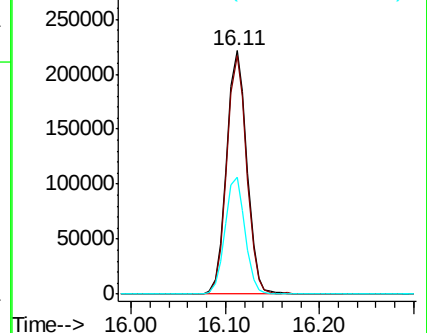
141 47.4 36.6 54.8

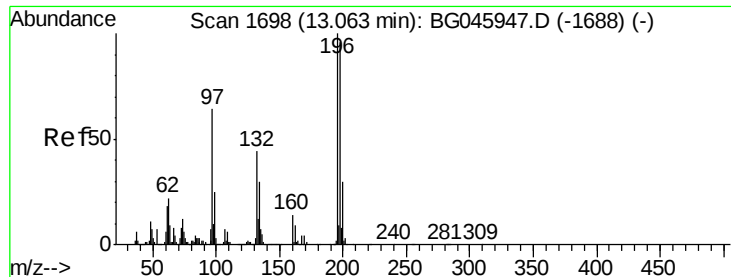


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

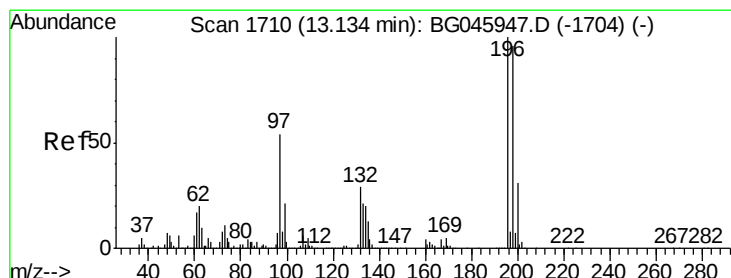
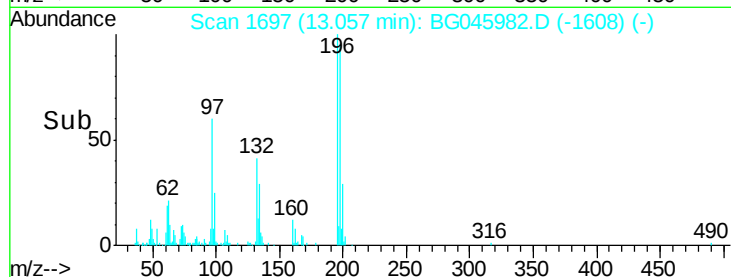
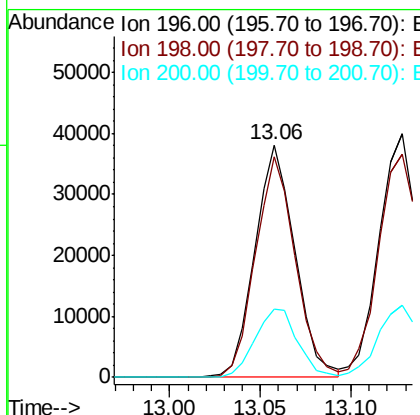
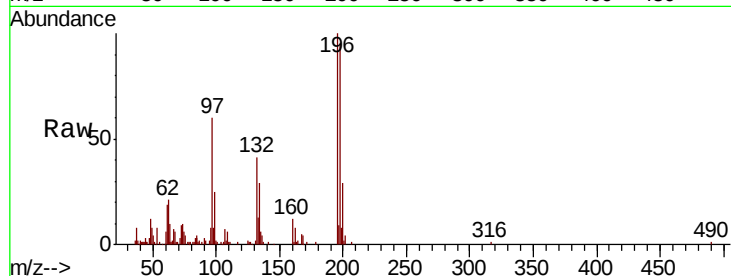




#43  
 2,4,6-Trichlorophenol  
 Concen: 8.710 ng  
 RT: 13.06 min Scan# 1697  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

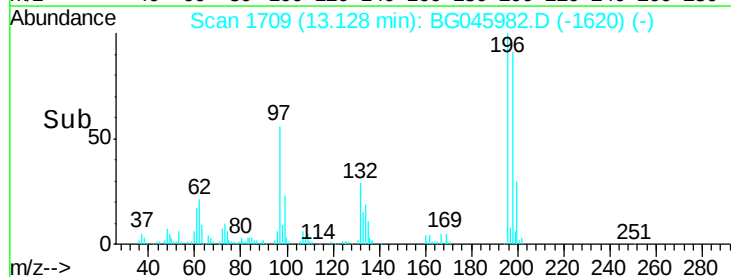
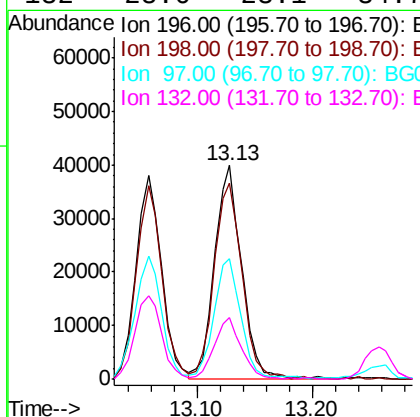
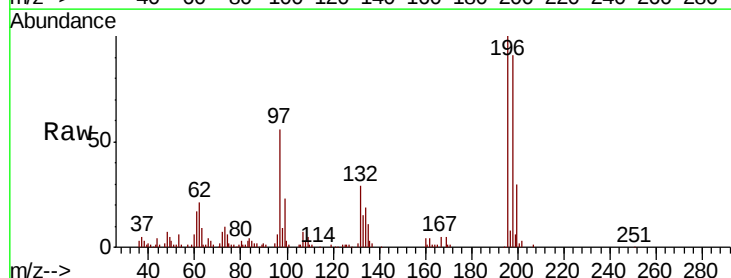
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

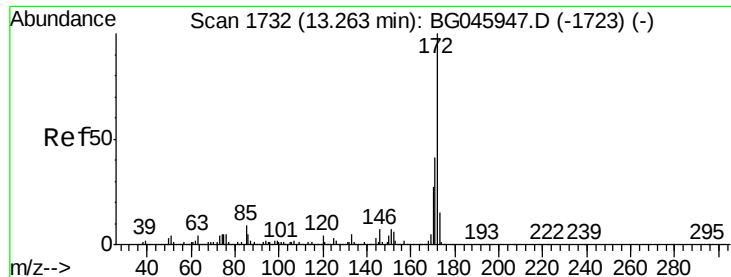
Tot Ion:196 Resp: 58807  
 Ion Ratio Lower Upper  
 196 100  
 198 94.8 76.7 115.1  
 200 29.5 24.3 36.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 8.510 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

Tgt Ion:196 Resp: 64959  
 Ion Ratio Lower Upper  
 196 100  
 198 91.4 77.0 115.6  
 97 56.1 44.3 66.5  
 132 28.6 23.1 34.7

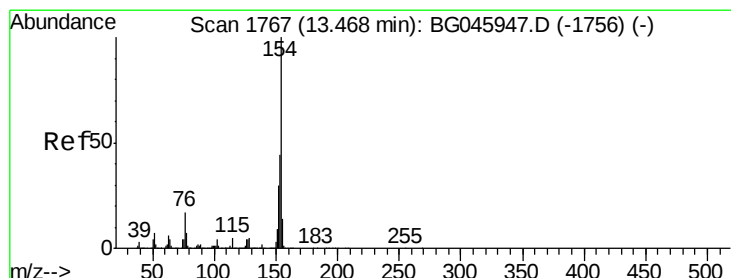
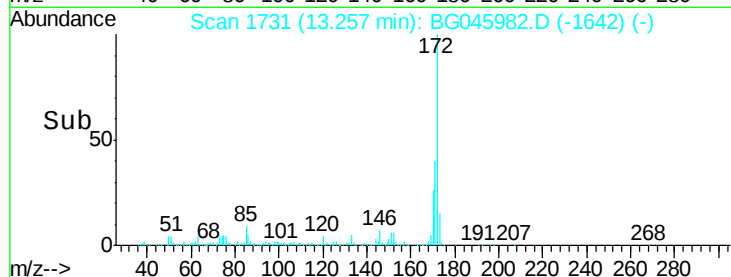
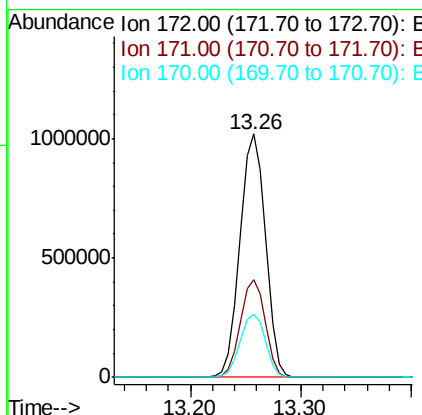
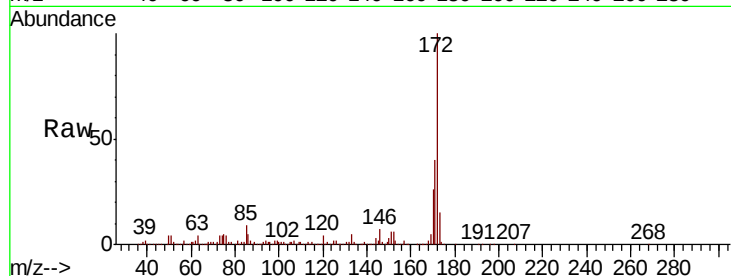




#45  
2-Fluorobiphenyl  
Concen: 73.131 ng  
RT: 13.26 min Scan# 1731  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

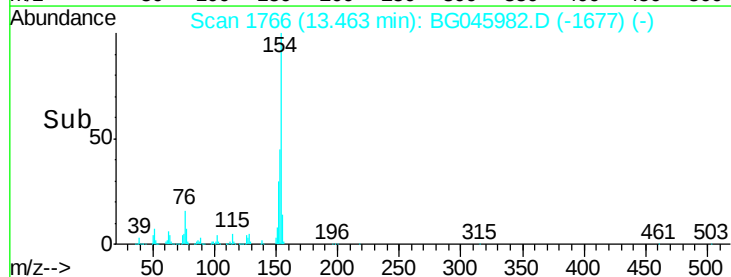
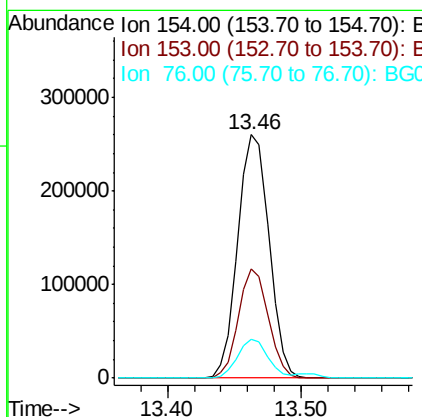
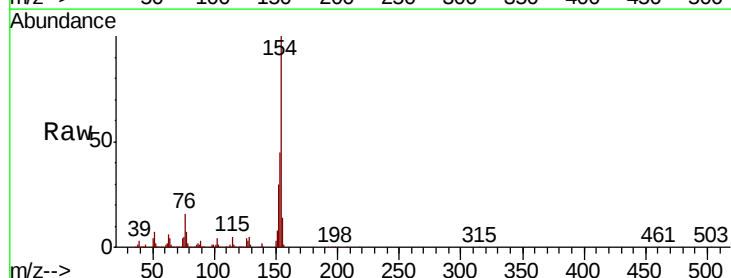
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

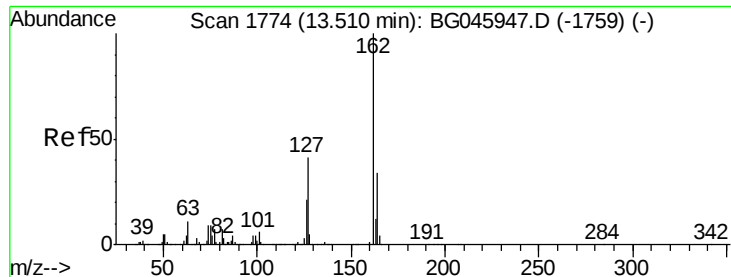
Tot Ion:172 Resp: 1660363  
Ion Ratio Lower Upper  
172 100  
171 40.4 32.9 49.3  
170 26.2 21.8 32.6



#46  
1,1'-Biphenyl  
Concen: 15.817 ng  
RT: 13.46 min Scan# 1766  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Tgt Ion:154 Resp: 421376  
Ion Ratio Lower Upper  
154 100  
153 45.0 23.6 63.6  
76 15.9 0.0 36.9

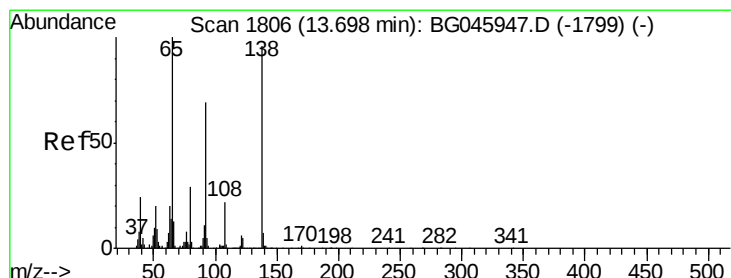
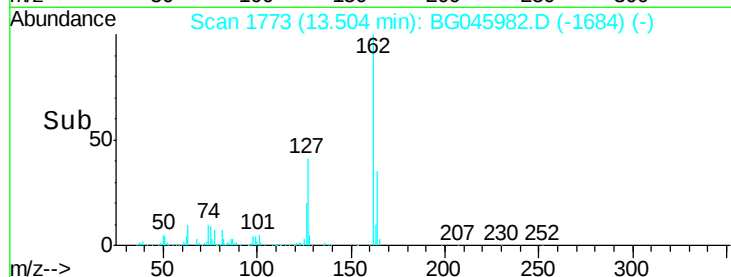
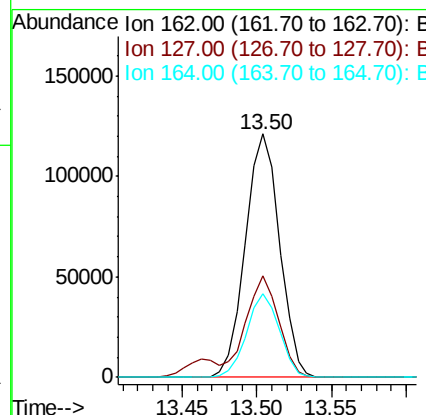
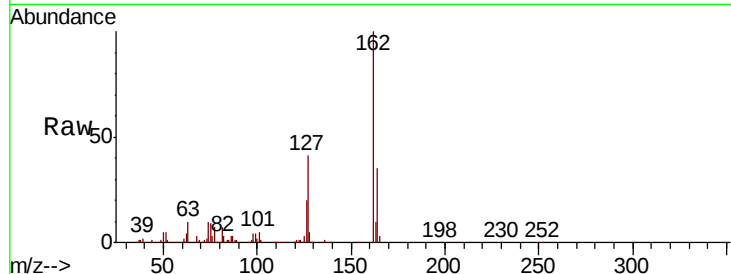




#47  
2-Chloronaphthalene  
Concen: 9.130 ng  
RT: 13.50 min Scan# 1773  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

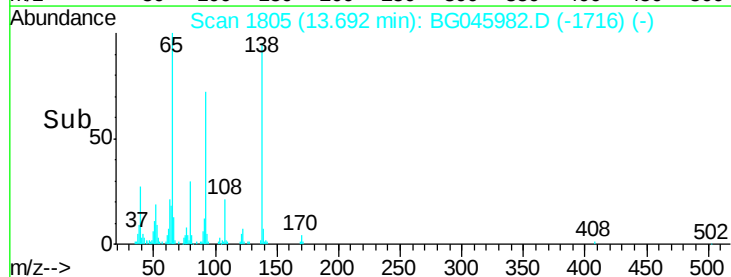
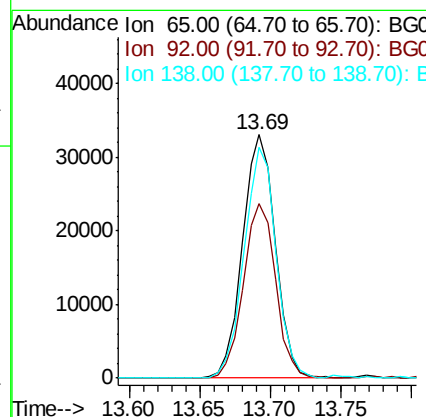
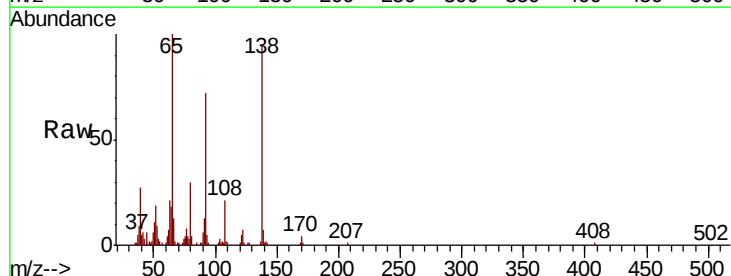
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

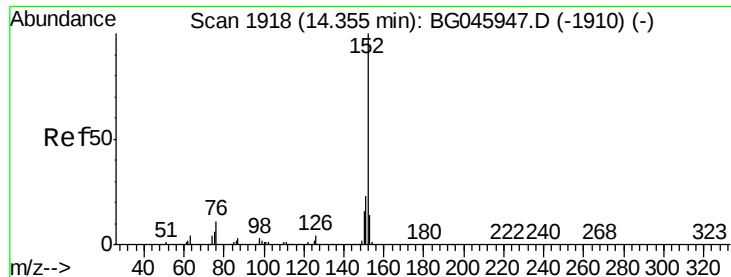
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.5  | 32.5  | 48.7  |
| 164     | 34.5  | 27.2  | 40.8  |



#48  
2-Nitroaniline  
Concen: 10.882 ng  
RT: 13.69 min Scan# 1805  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.8  | 55.4  | 83.0  |
| 138     | 94.9  | 77.0  | 115.4 |





#49

Acenaphthylene

Concen: 9.520 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

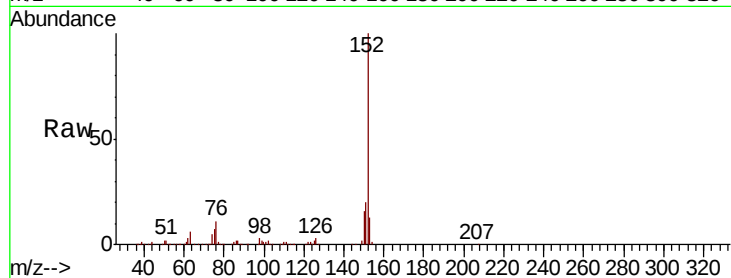
Tot Ion:152 Resp: 322861

Ion Ratio Lower Upper

152 100

151 20.3 18.1 27.1

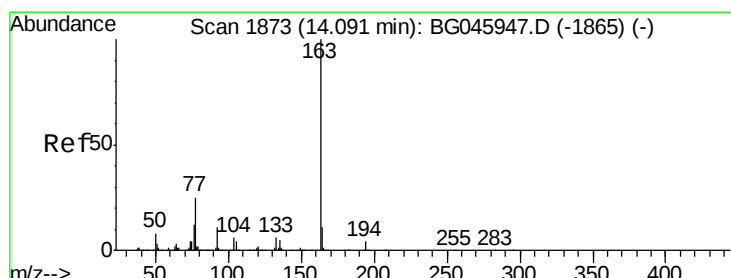
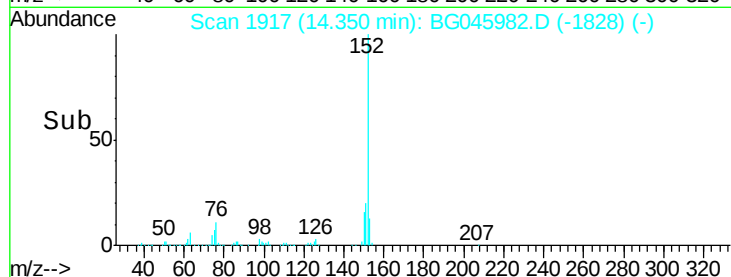
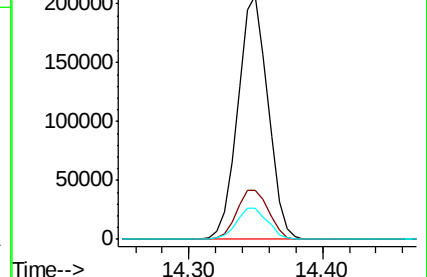
153 13.0 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 9.047 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

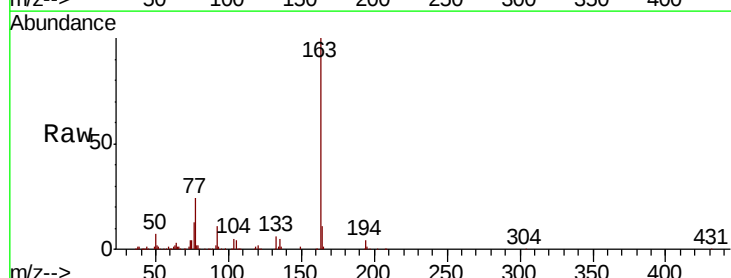
Tgt Ion:163 Resp: 240435

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

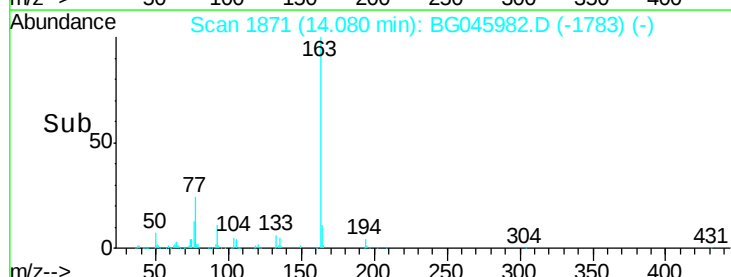
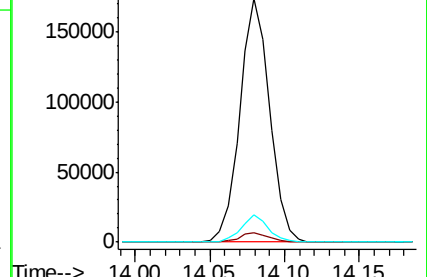
164 11.0 8.9 13.3

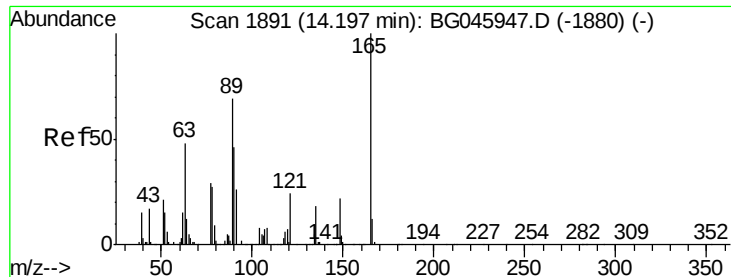


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

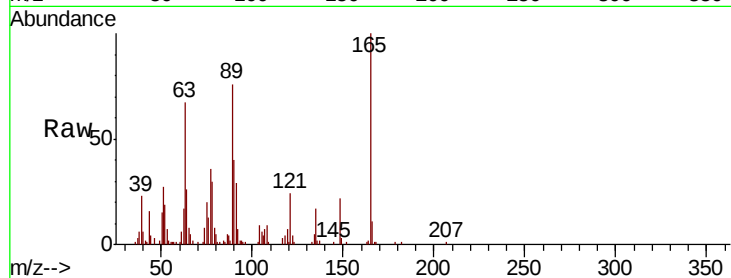




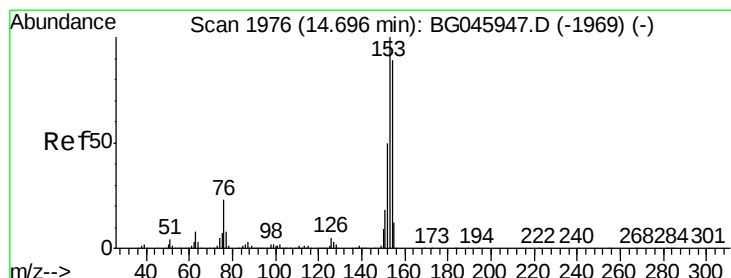
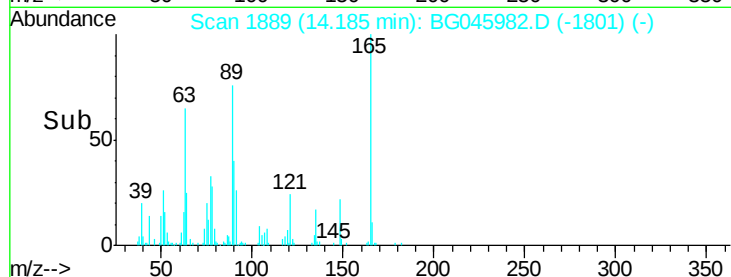
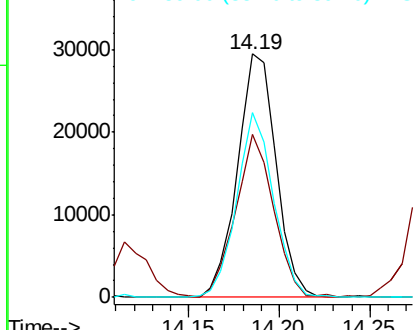
#51  
2,6-Dinitrotoluene  
Concen: 10.615 ng  
RT: 14.19 min Scan# 1889  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

Tot Ion:165 Resp: 43774  
Ion Ratio Lower Upper  
165 100  
63 67.2 51.0 76.4  
89 76.1 55.7 83.5

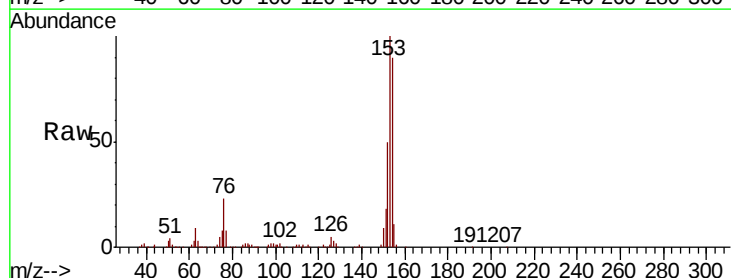


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

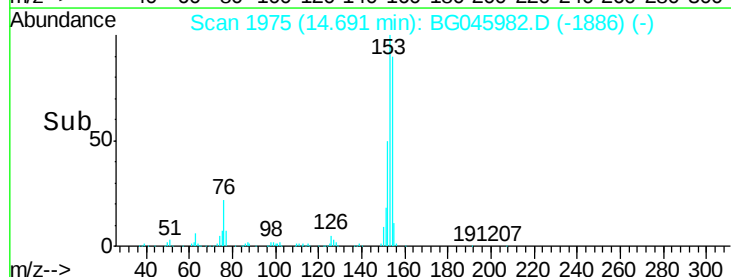
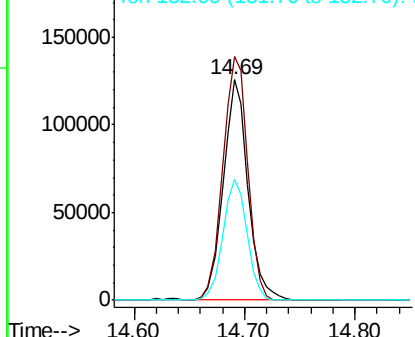


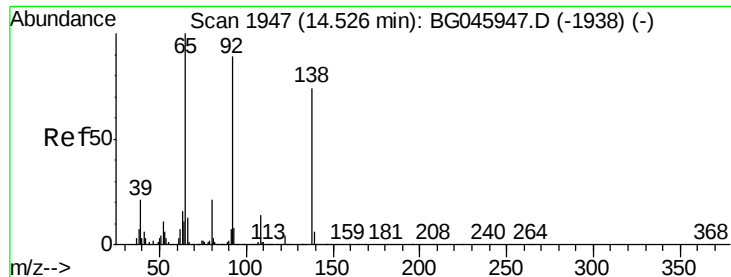
#52  
Acenaphthene  
Concen: 9.179 ng  
RT: 14.69 min Scan# 1975  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Tgt Ion:154 Resp: 196361  
Ion Ratio Lower Upper  
154 100  
153 110.7 89.7 134.5  
152 54.9 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

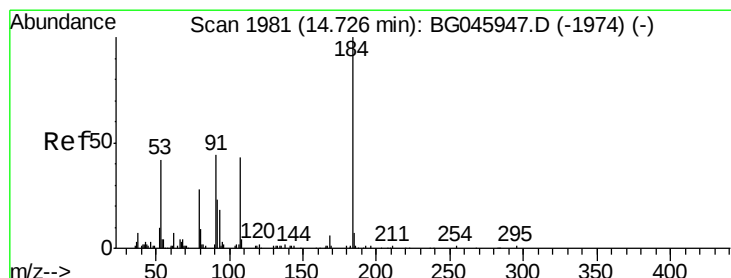
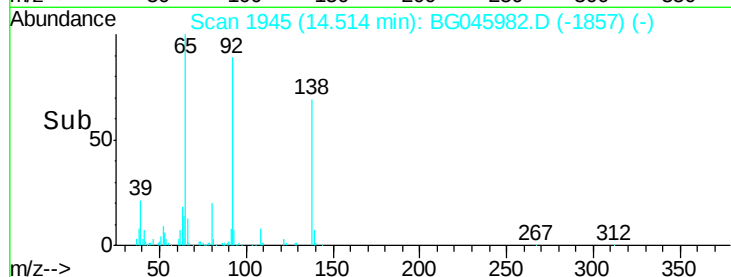
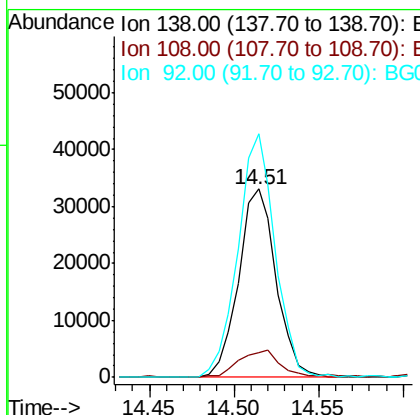
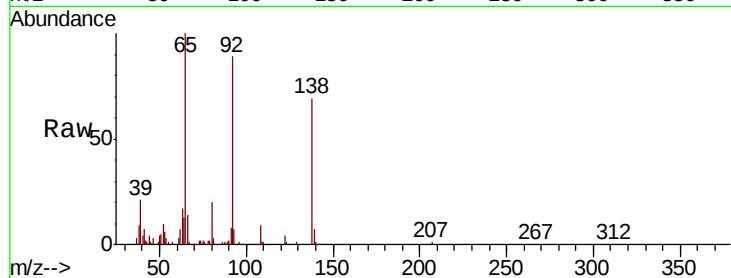




#53  
3-Nitroaniline  
Concen: 9.976 ng  
RT: 14.51 min Scan# 1945  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

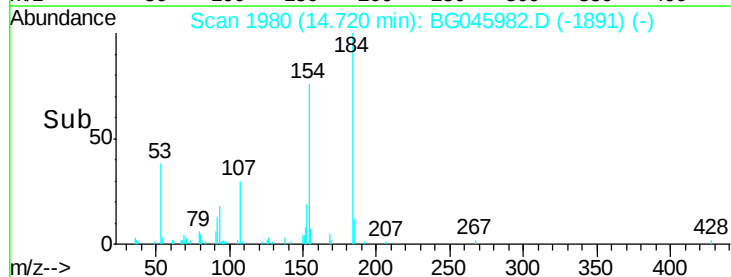
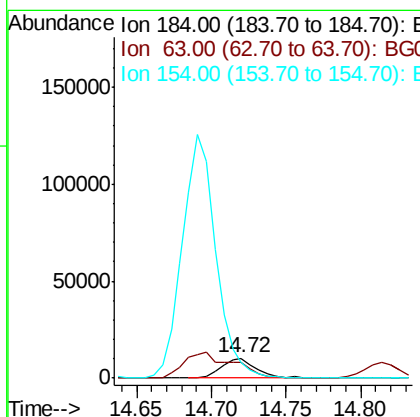
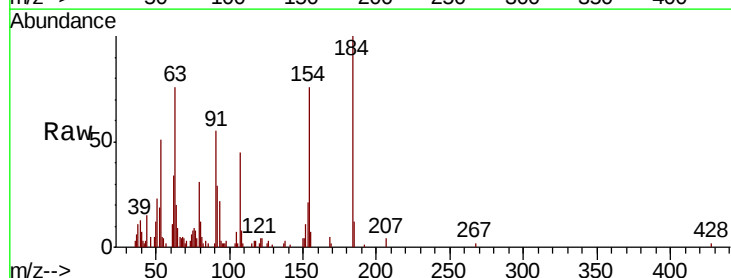
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

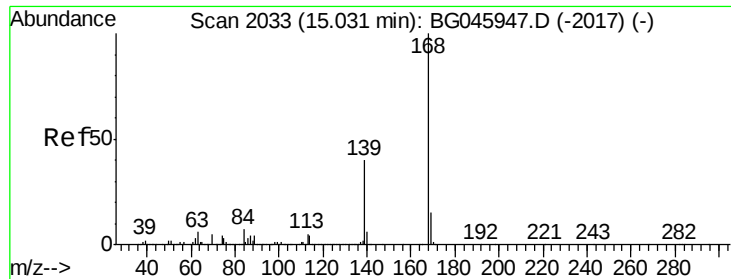
Tot Ion:138 Resp: 50980  
Ion Ratio Lower Upper  
138 100  
108 13.5 15.4 23.2#  
92 129.3 95.9 143.9



#54  
2,4-Dinitrophenol  
Concen: 11.581 ng  
RT: 14.72 min Scan# 1980  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Tgt Ion:184 Resp: 16847  
Ion Ratio Lower Upper  
184 100  
63 75.8 46.0 69.0#  
154 75.8 58.2 87.2





#55

Dibenzofuran

Concen: 9.508 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

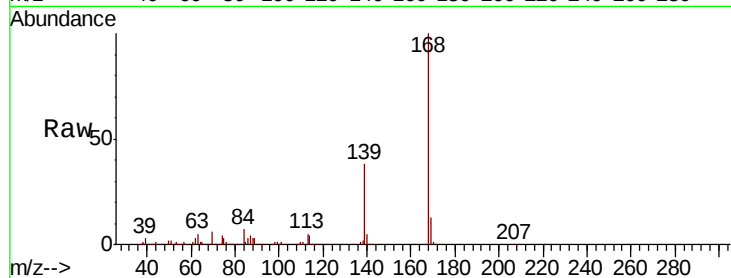
Tot Ion:168 Resp: 298130

Ion Ratio Lower Upper

168 100

139 37.7 32.2 48.2

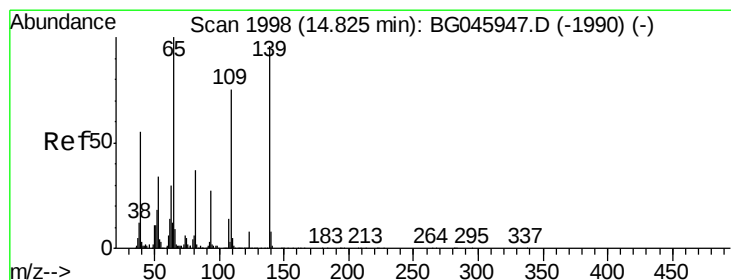
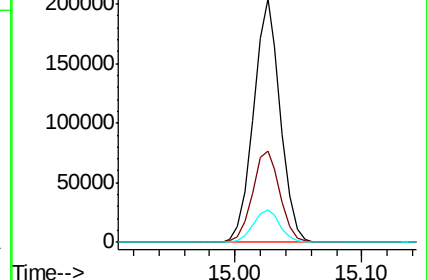
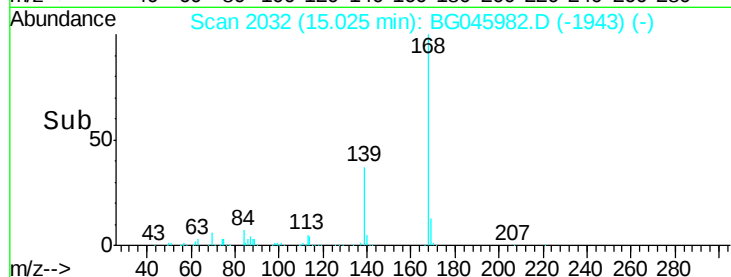
169 13.3 11.8 17.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 9.132 ng

RT: 14.81 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

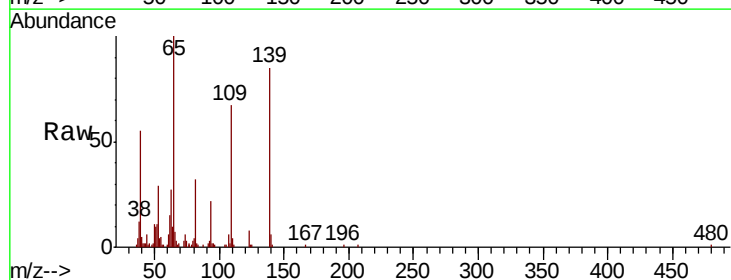
Tgt Ion:139 Resp: 39541

Ion Ratio Lower Upper

139 100

109 79.8 58.5 98.5

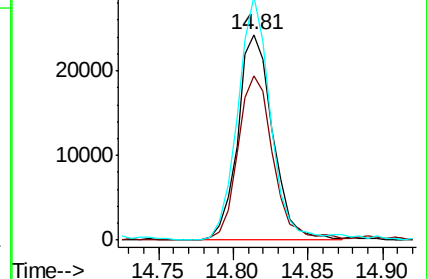
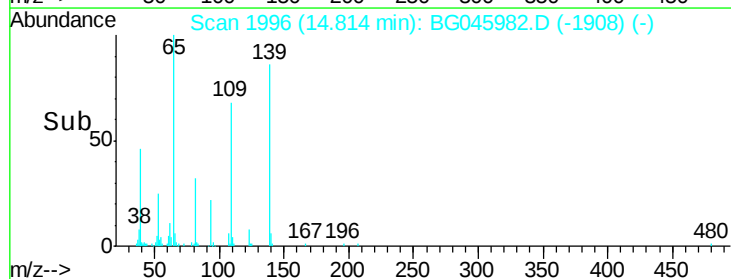
65 118.3 84.7 124.7

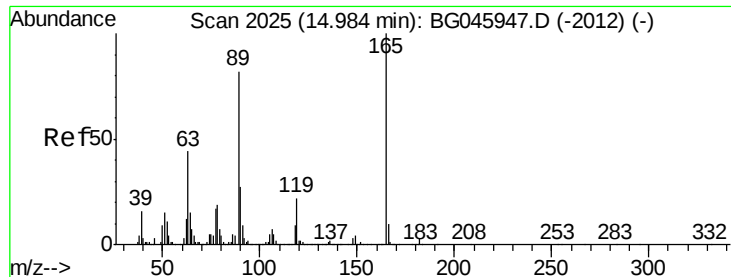


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

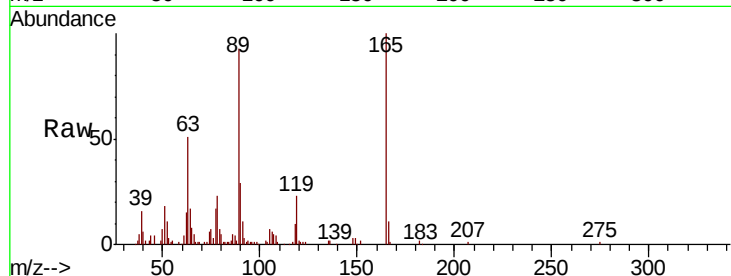




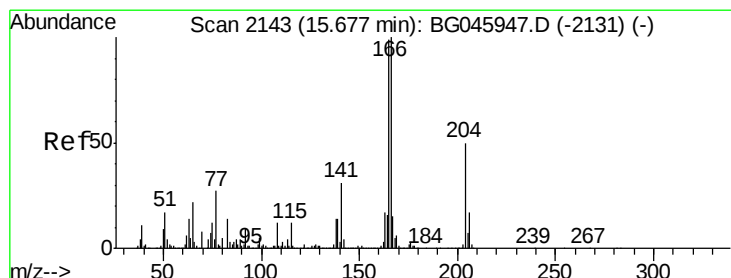
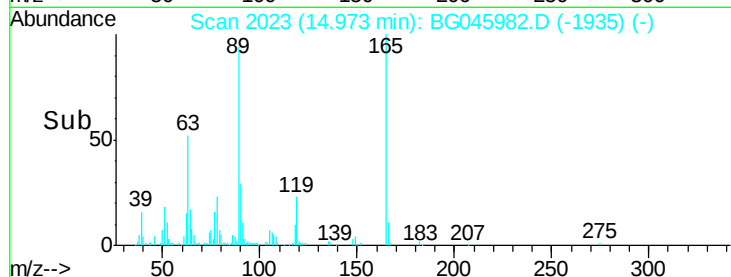
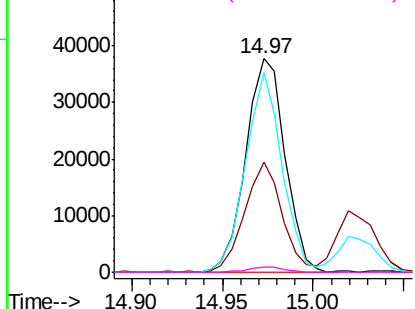
#57  
 2,4-Dinitrotoluene  
 Concen: 11.145 ng  
 RT: 14.97 min Scan# 2023  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

Tot Ion:165 Resp: 56793  
 Ion Ratio Lower Upper  
 165 100  
 63 51.4 35.4 53.0  
 89 93.4 65.4 98.2  
 182 2.4 2.0 3.0

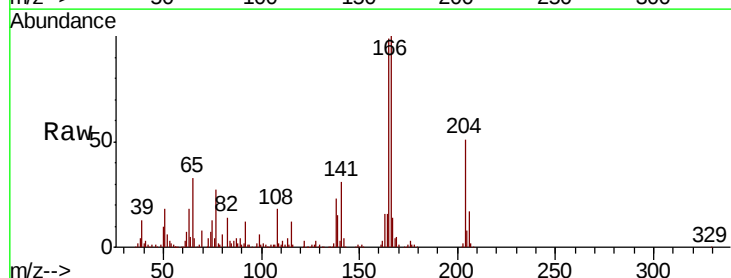


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

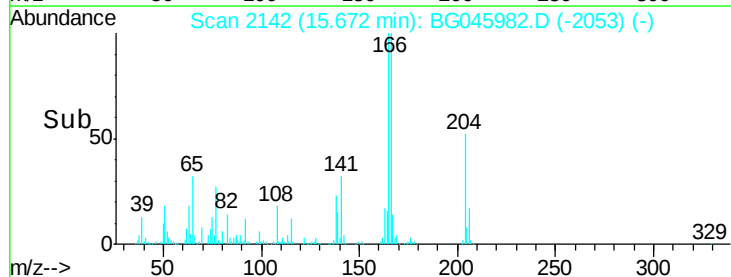
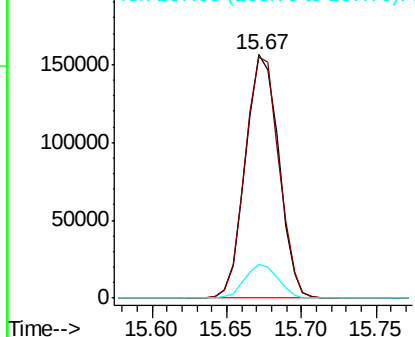


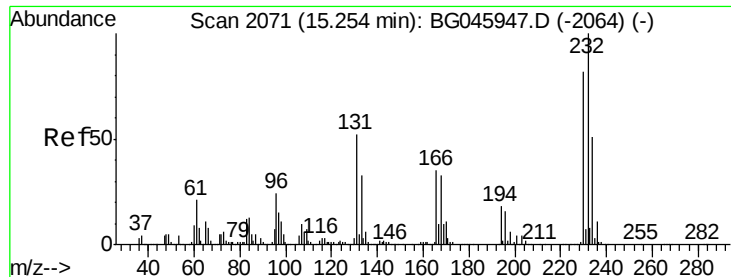
#58  
 Fluorene  
 Concen: 9.364 ng  
 RT: 15.67 min Scan# 2142  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

Tgt Ion:166 Resp: 240884  
 Ion Ratio Lower Upper  
 166 100  
 165 98.8 78.9 118.3  
 167 14.0 12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

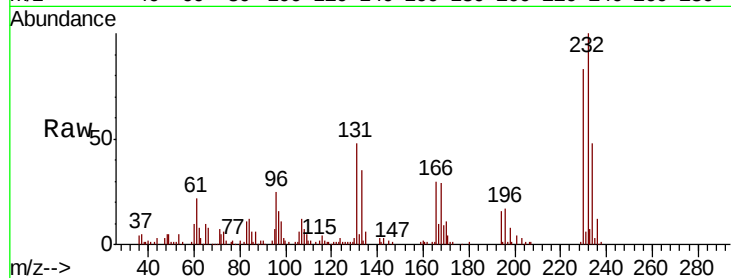




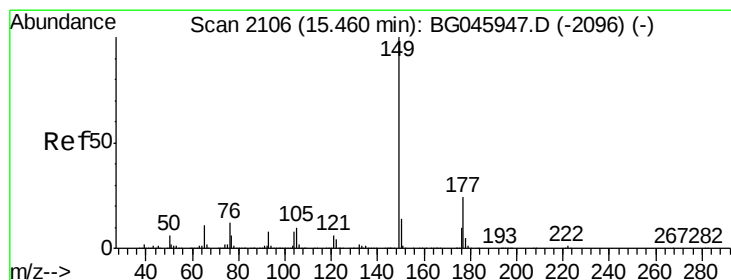
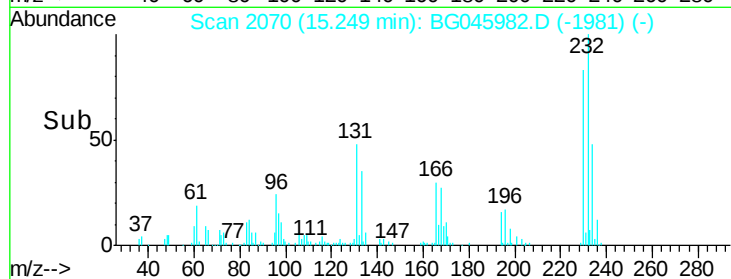
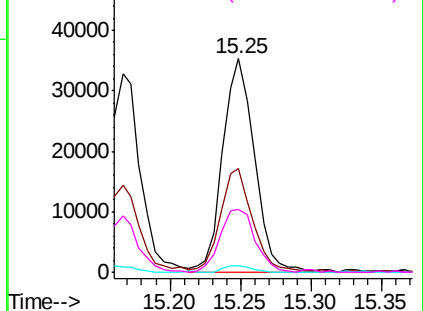
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 9.434 ng  
 RT: 15.25 min Scan# 2070  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 55605     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 49.5  | 35.8 53.6 |
| 130         | 2.6   | 2.5 3.7   |
| 166         | 32.1  | 21.8 32.8 |

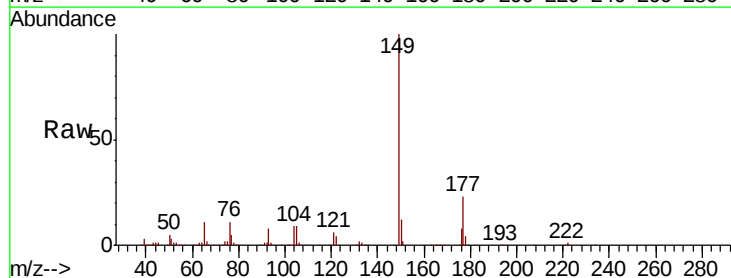


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

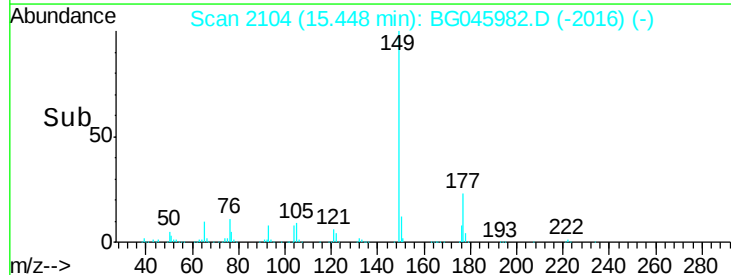
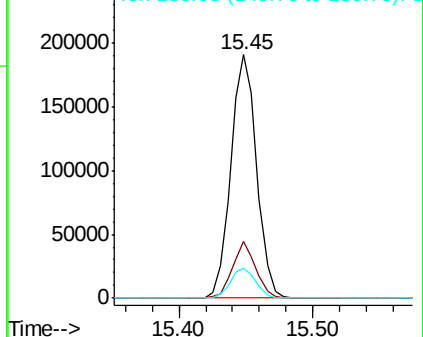


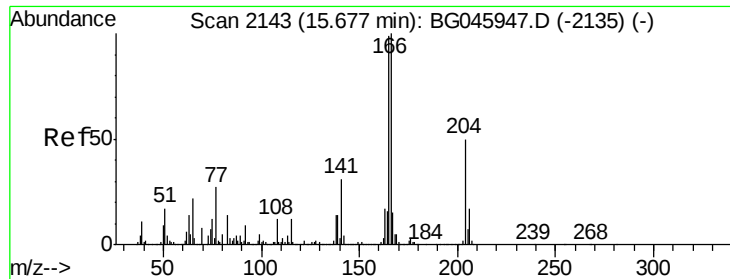
#60  
 Diethylphthalate  
 Concen: 9.181 ng  
 RT: 15.45 min Scan# 2104  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 255888    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.1  | 19.0 28.4 |
| 150         | 12.3  | 11.0 16.4 |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

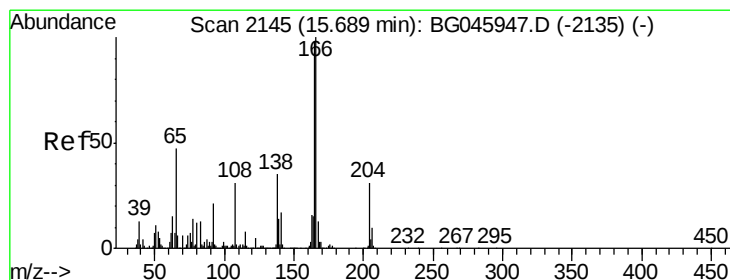
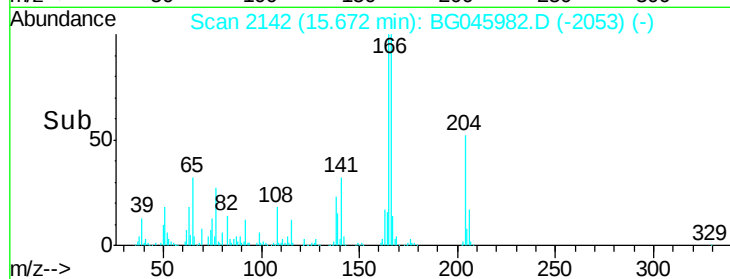
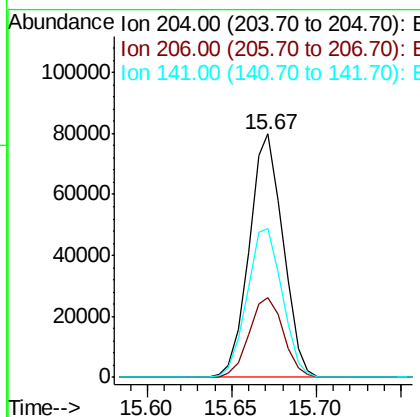
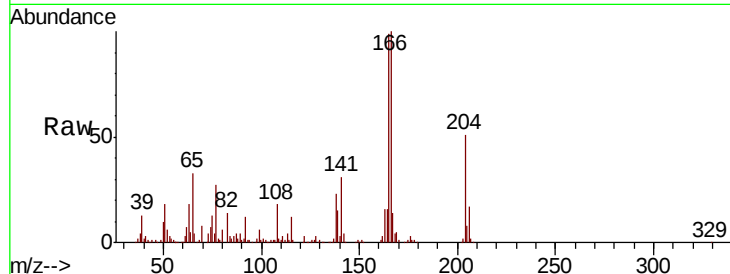




#61  
4-Chlorophenyl-phenylether  
Concen: 8.687 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

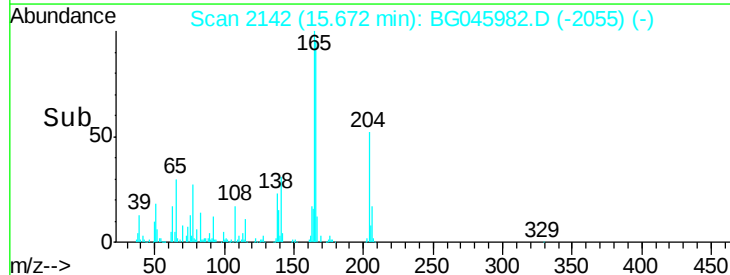
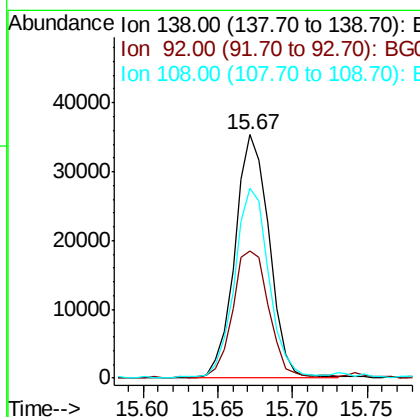
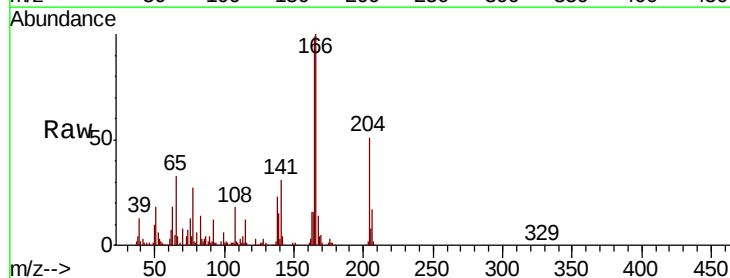
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

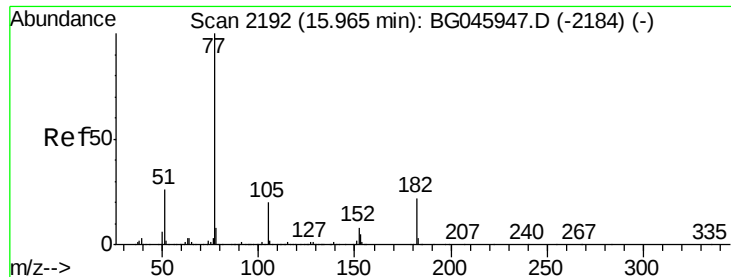
Tot Ion:204 Resp: 111170  
Ion Ratio Lower Upper  
204 100  
206 32.7 27.1 40.7  
141 61.4 49.8 74.8



#62  
4-Nitroaniline  
Concen: 10.279 ng  
RT: 15.67 min Scan# 2142  
Delta R.T. -0.02 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Tgt Ion:138 Resp: 56462  
Ion Ratio Lower Upper  
138 100  
92 52.1 40.3 80.3  
108 78.2 68.0 108.0

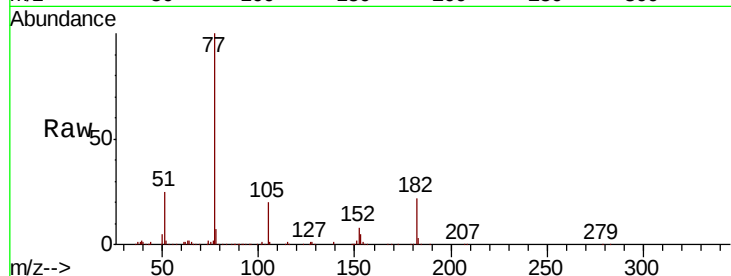




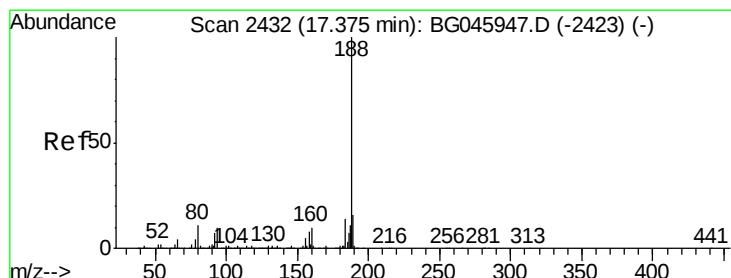
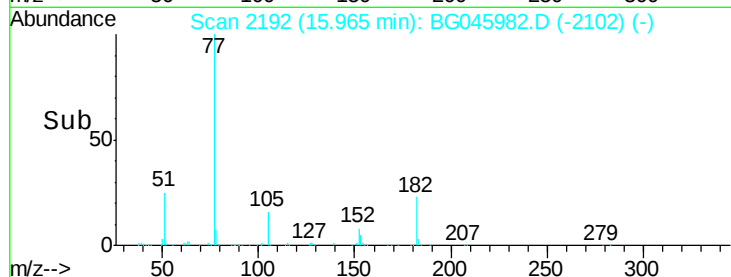
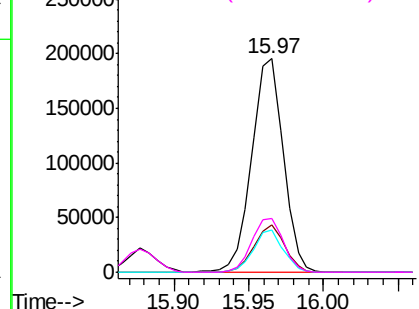
#63  
Azobenzene  
Concen: 9.560 ng  
RT: 15.97 min Scan# 2192  
Delta R.T. 0.00 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 286008 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 22.1  | 2.4   | 42.4   |
| 105      | 19.6  | 0.3   | 40.3   |
| 51       | 25.3  | 6.3   | 46.3   |

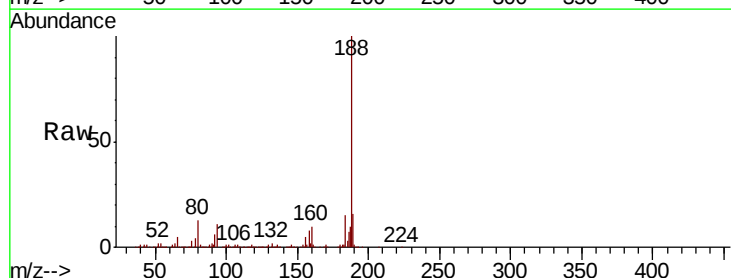


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

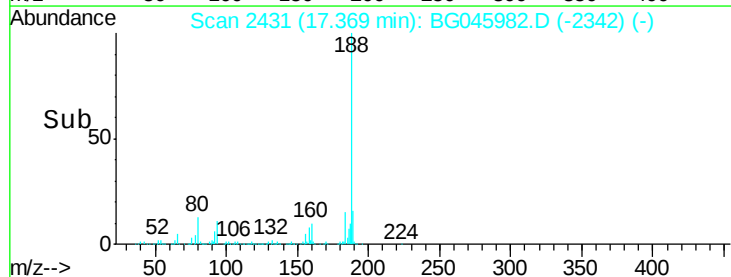
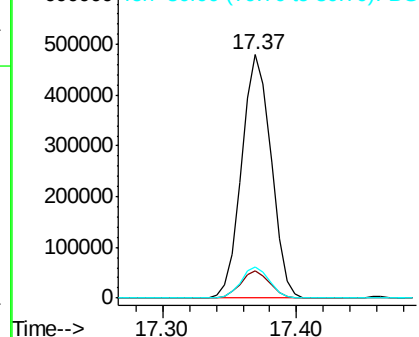


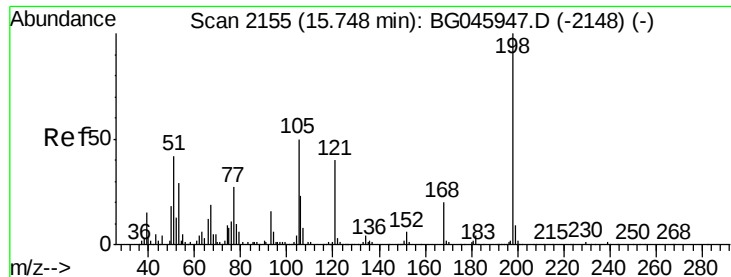
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.37 min Scan# 2431  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 730172 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 11.4  | 8.2   | 12.4   |
| 80       | 12.9  | 9.0   | 13.6   |



Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

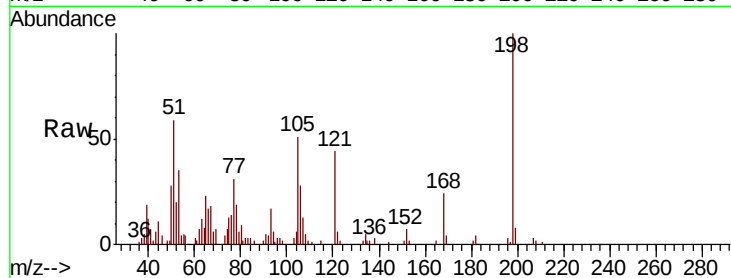




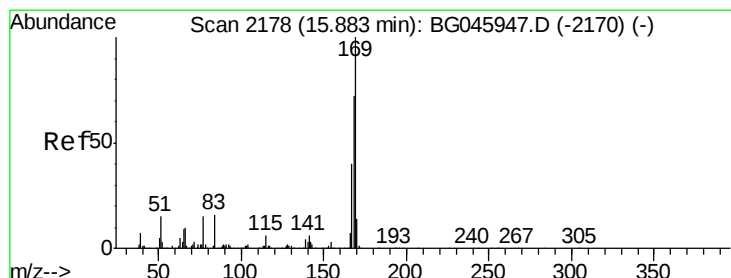
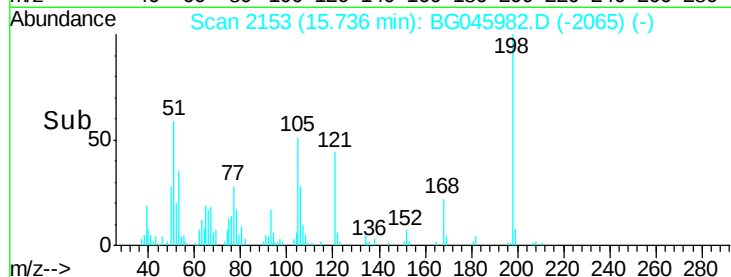
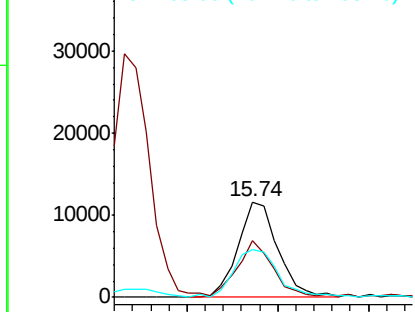
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 8.253 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

Tot Ion:198 Resp: 17649  
 Ion Ratio Lower Upper  
 198 100  
 51 59.0 24.5 64.5  
 105 50.6 30.9 70.9

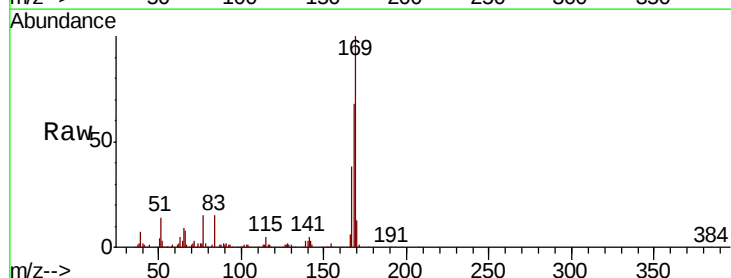


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

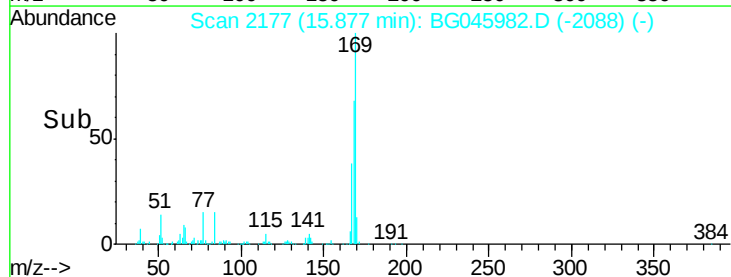
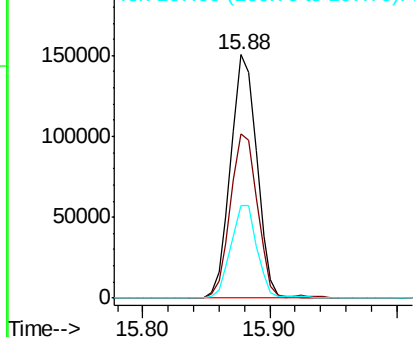


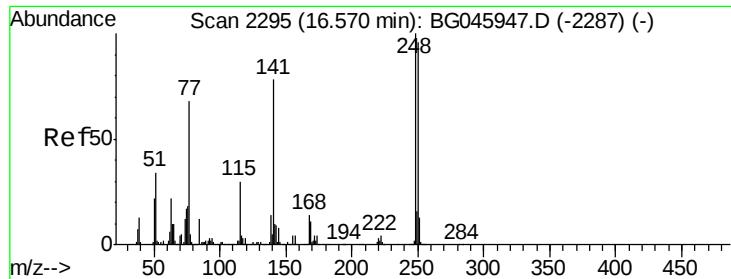
#66  
 n-Nitrosodiphenylamine  
 Concen: 9.507 ng  
 RT: 15.88 min Scan# 2177  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

Tgt Ion:169 Resp: 215112  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 57.3 85.9  
 167 37.8 32.1 48.1



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

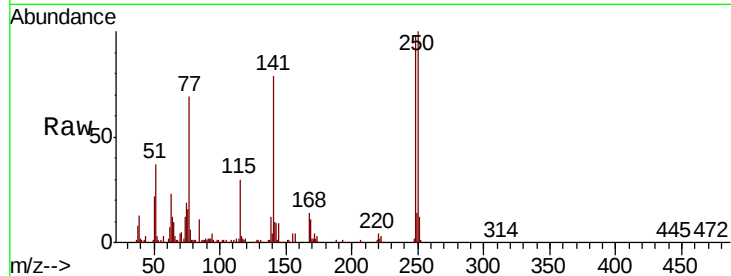




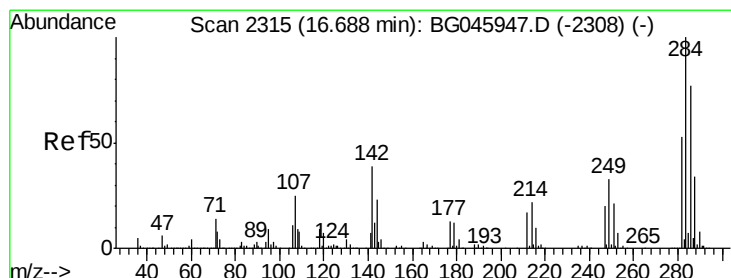
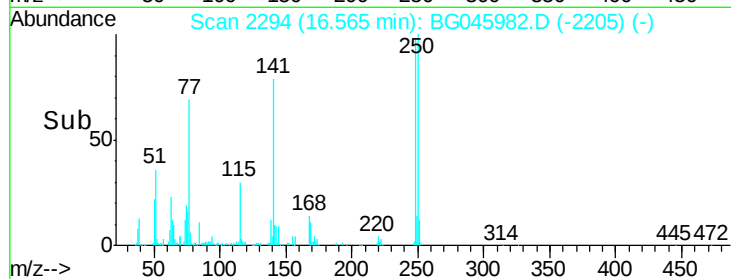
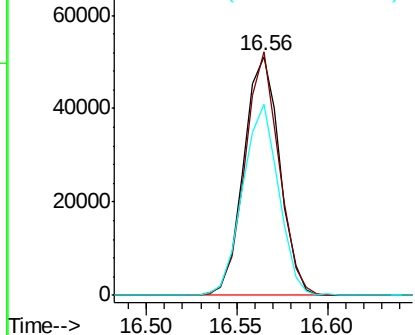
#67  
4-Bromophenyl-phenylether  
Concen: 8.659 ng  
RT: 16.56 min Scan# 2294  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

Tot Ion:248 Resp: 70612  
Ion Ratio Lower Upper  
248 100  
250 101.9 76.6 114.8  
141 80.1 62.7 94.1

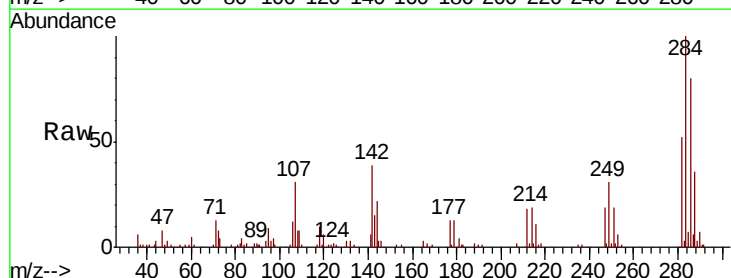


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

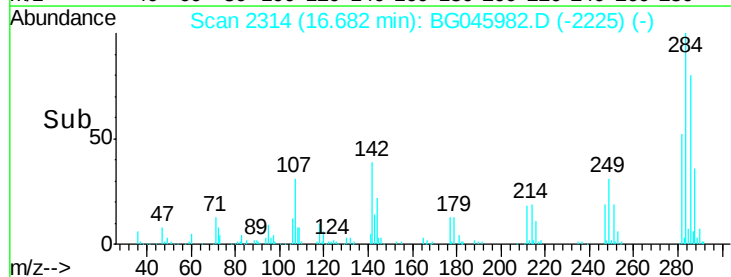
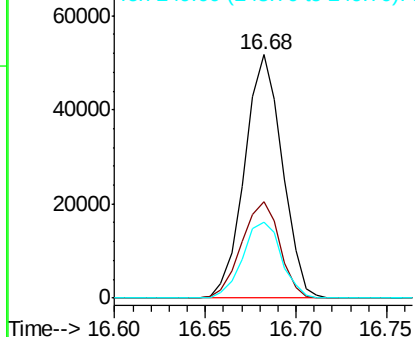


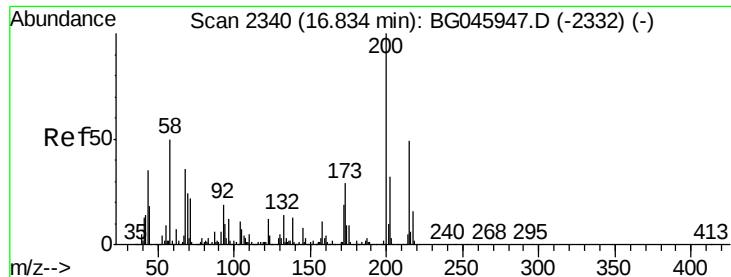
#68  
Hexachlorobenzene  
Concen: 9.116 ng  
RT: 16.68 min Scan# 2314  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Tgt Ion:284 Resp: 74597  
Ion Ratio Lower Upper  
284 100  
142 39.4 31.3 46.9  
249 31.0 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 11.017 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

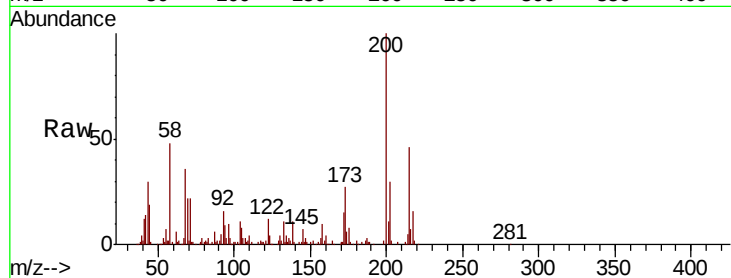
Tot Ion:200 Resp: 73699

Ion Ratio Lower Upper

200 100

173 27.3 9.1 49.1

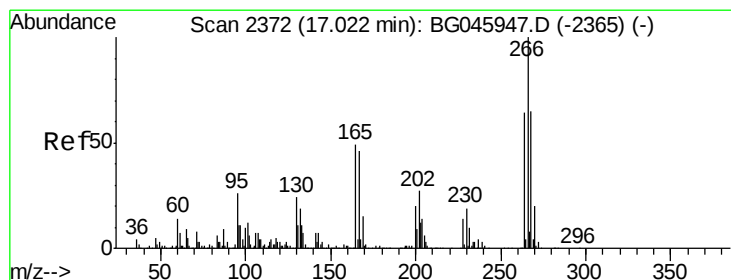
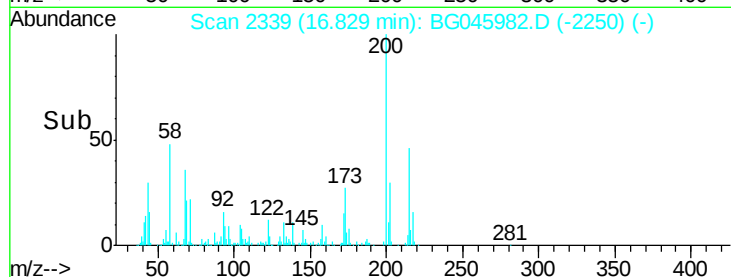
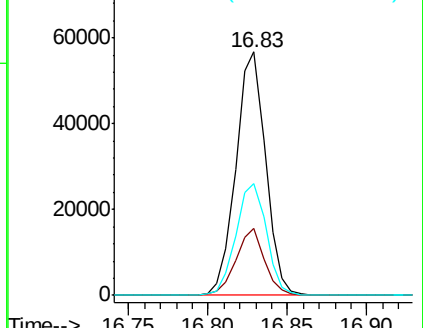
215 46.1 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 8.015 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

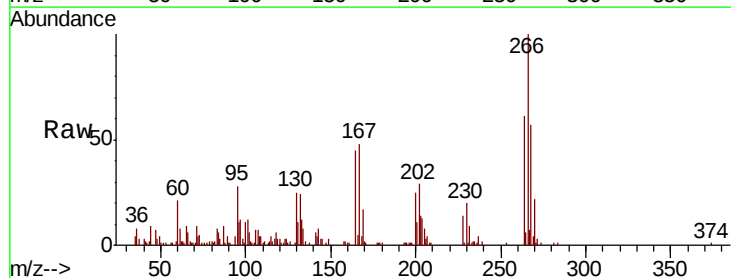
Tgt Ion:266 Resp: 36468

Ion Ratio Lower Upper

266 100

268 56.6 51.8 77.8

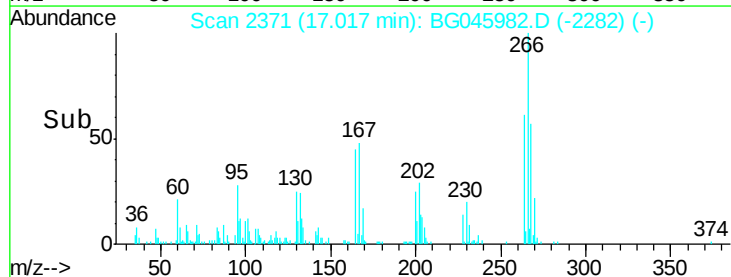
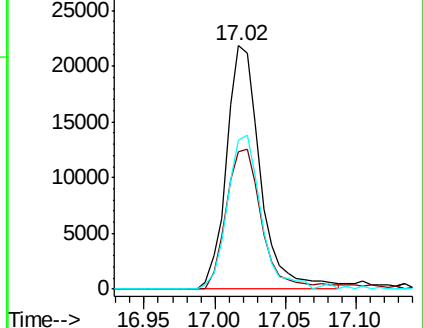
264 61.2 51.4 77.0

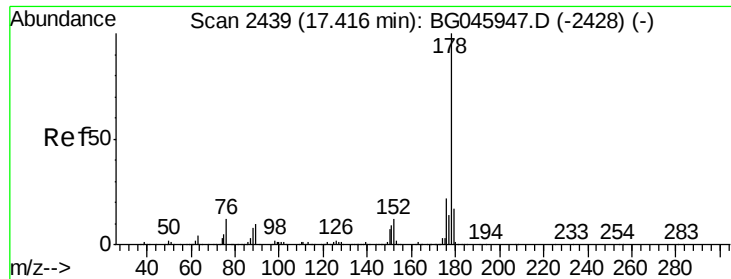


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

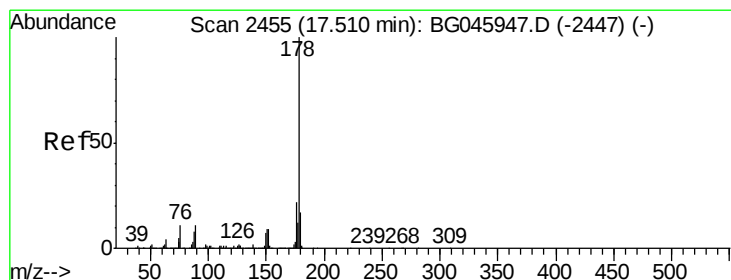
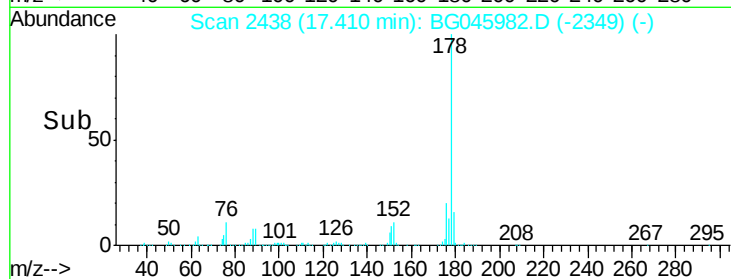
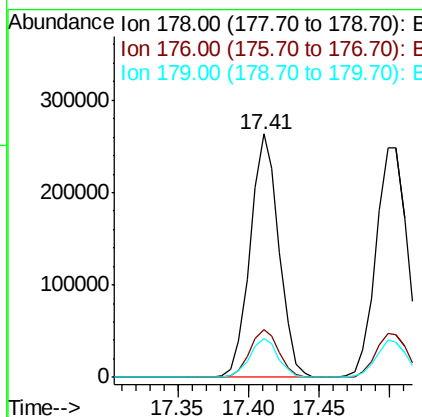
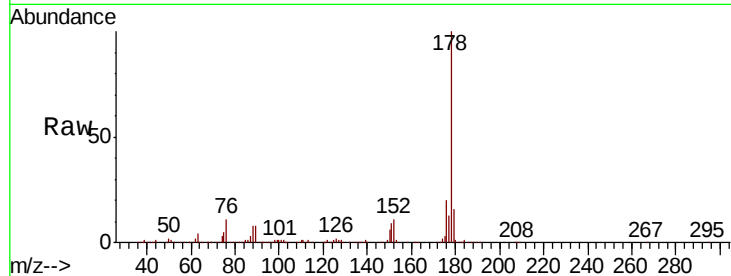




#71  
Phenanthrene  
Concen: 9.736 ng  
RT: 17.41 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

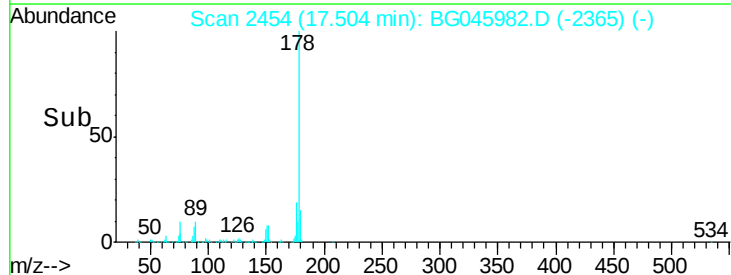
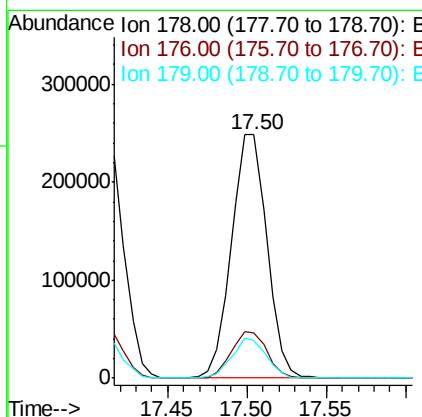
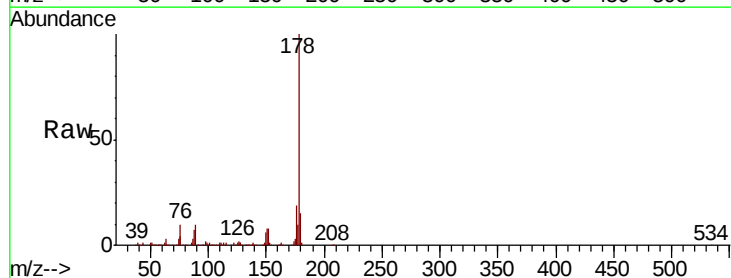
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

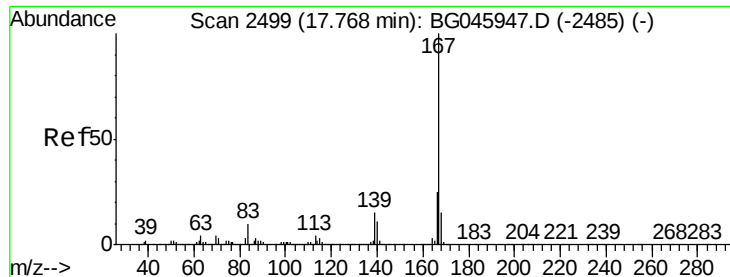
Tot Ion:178 Resp: 375838  
Ion Ratio Lower Upper  
178 100  
176 19.7 17.4 26.2  
179 16.0 13.4 20.2



#72  
Anthracene  
Concen: 9.811 ng  
RT: 17.50 min Scan# 2454  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

Tgt Ion:178 Resp: 384343  
Ion Ratio Lower Upper  
178 100  
176 18.6 17.2 25.8  
179 15.2 14.0 21.0

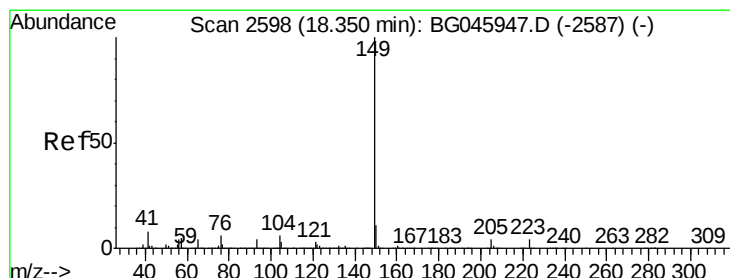
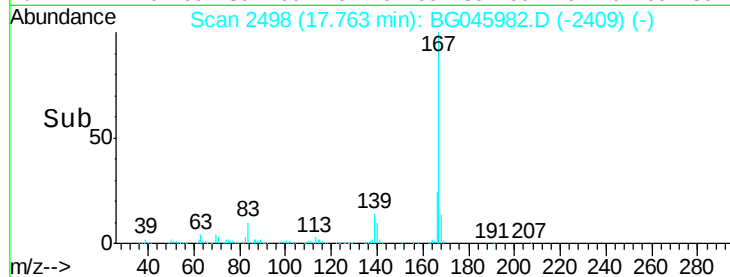
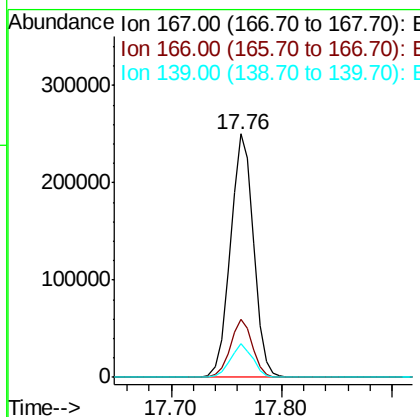
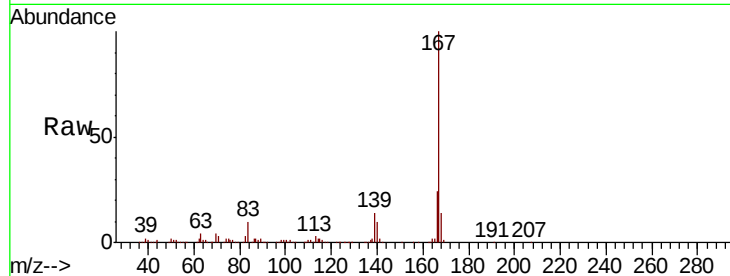




#73  
 Carbazole  
 Concen: 9.337 ng  
 RT: 17.76 min Scan# 2498  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

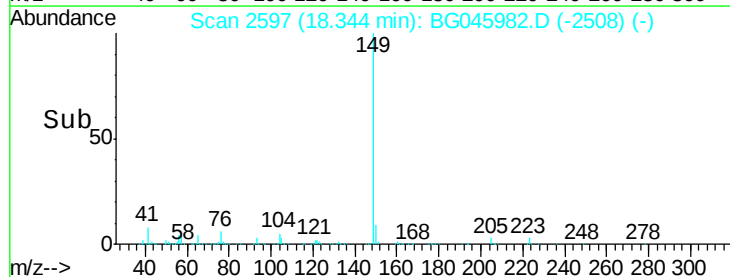
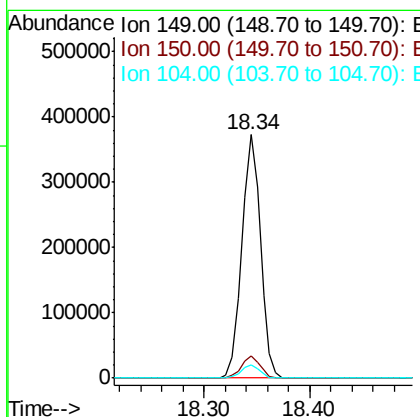
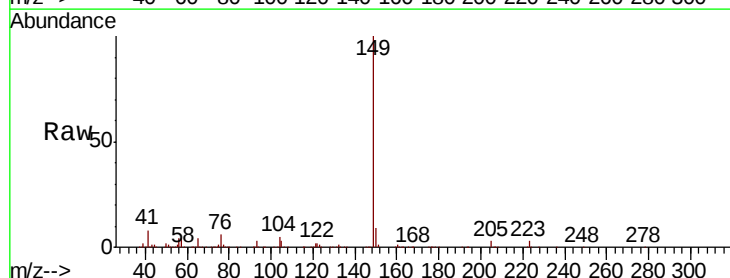
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

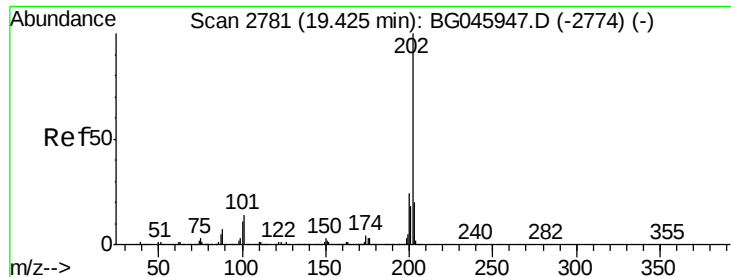
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.7  | 20.4  | 30.6  |
| 139     | 13.6  | 11.8  | 17.8  |



#74  
 Di-n-butylphthalate  
 Concen: 9.530 ng  
 RT: 18.34 min Scan# 2597  
 Delta R.T. -0.01 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.0   | 9.0   | 13.4  |
| 104     | 5.3   | 5.2   | 7.8   |





#75

Fluoranthene

Concen: 9.756 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

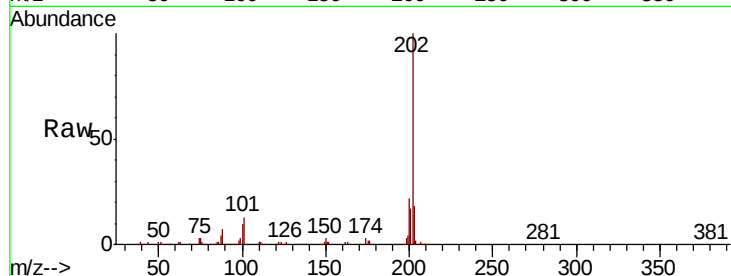
Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

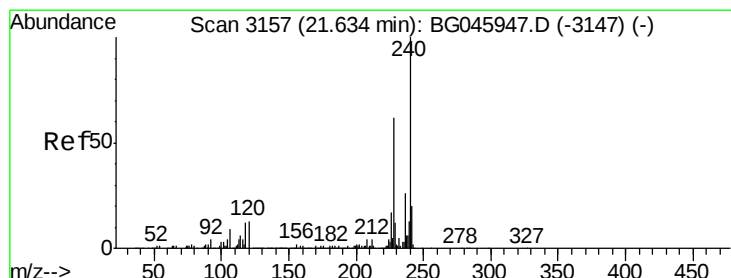
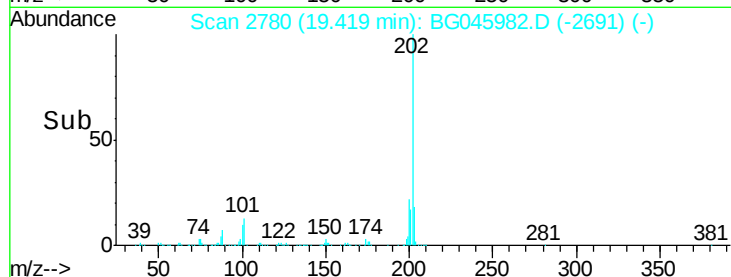
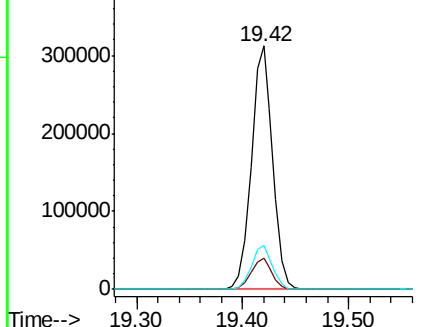
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 435361 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 12.6  | 0.0   | 33.8   |
| 203      | 18.2  | 0.4   | 40.4   |



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

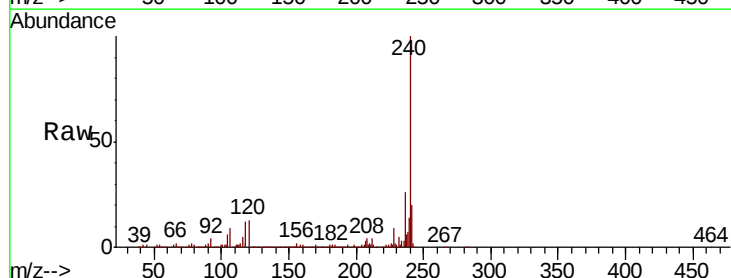
RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

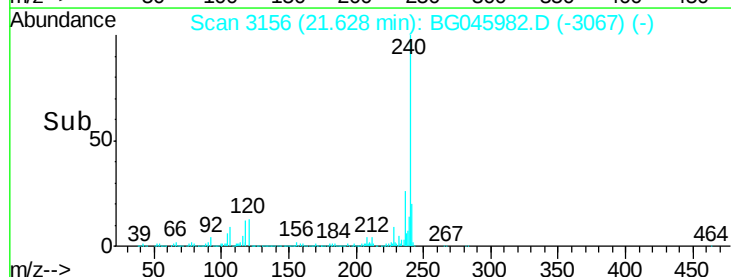
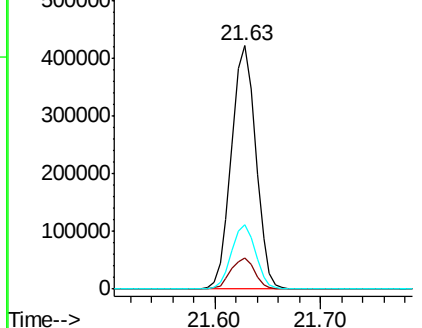
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 673365 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 12.5  | 10.6  | 16.0   |
| 236      | 26.4  | 20.4  | 30.6   |

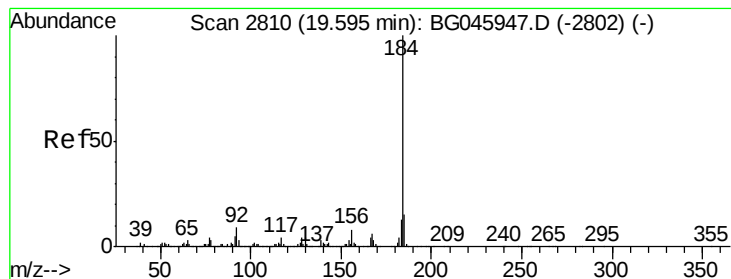


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.724 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

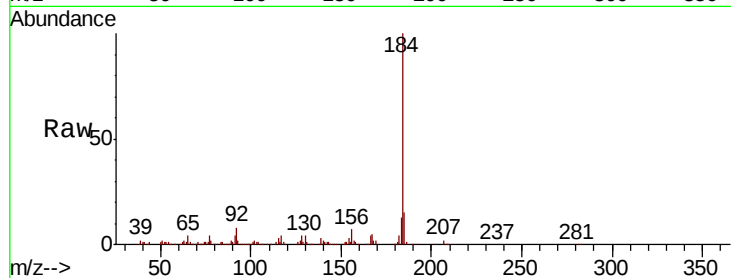
Tot Ion:184 Resp: 225724

Ion Ratio Lower Upper

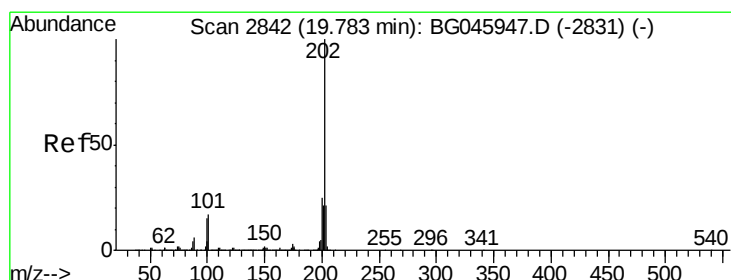
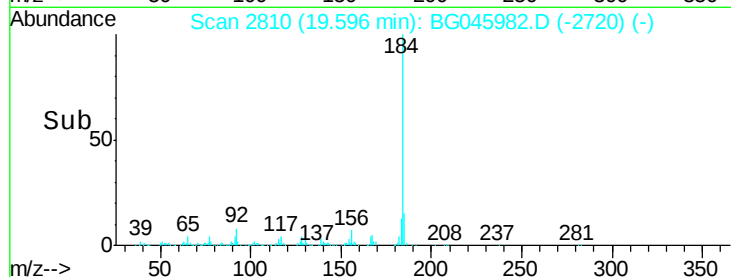
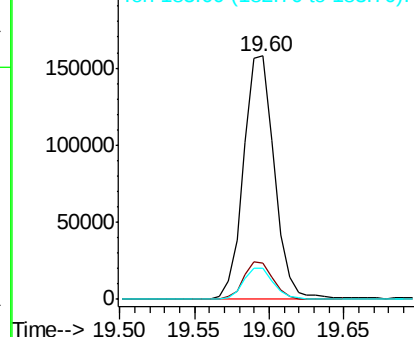
184 100

185 14.7 11.6 17.4

183 12.9 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.711 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

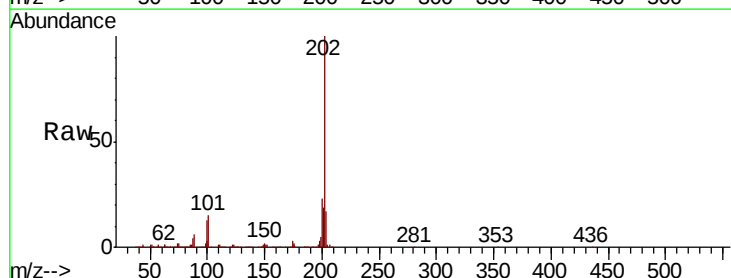
Tgt Ion:202 Resp: 446341

Ion Ratio Lower Upper

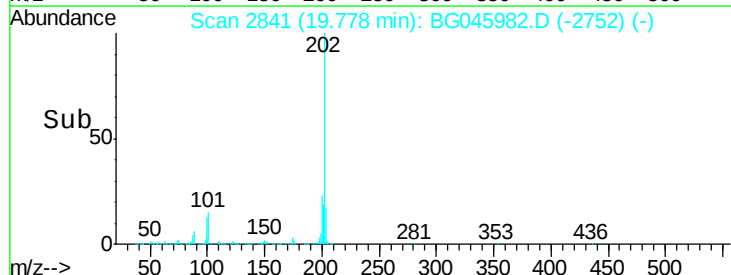
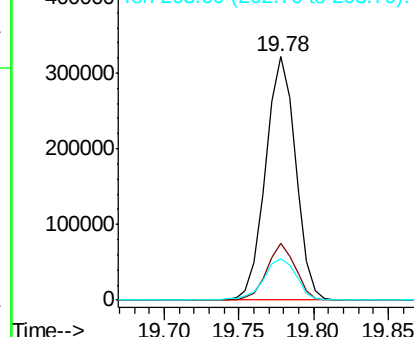
202 100

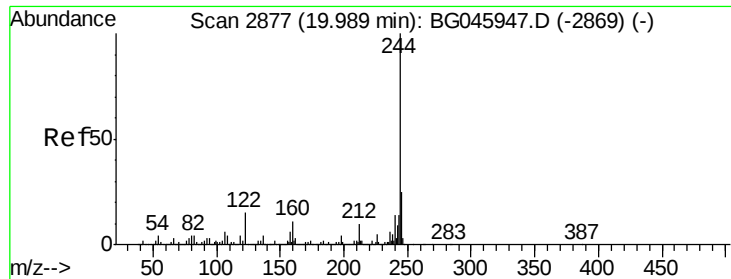
200 23.2 20.1 30.1

203 17.1 16.5 24.7



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.230 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

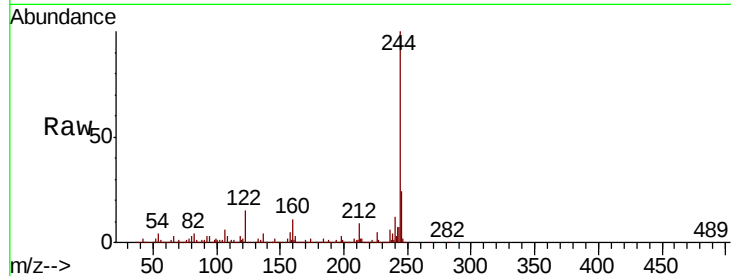
Tot Ion:244 Resp: 1792112

Ion Ratio Lower Upper

244 100

212 8.8 8.3 12.5

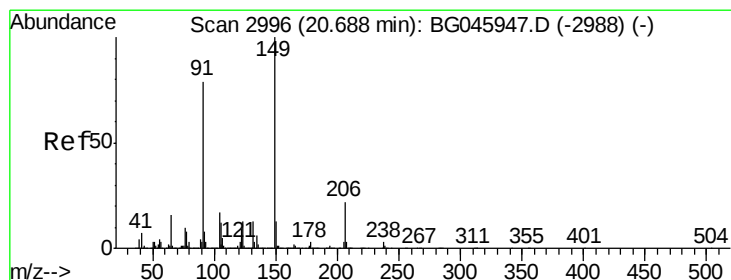
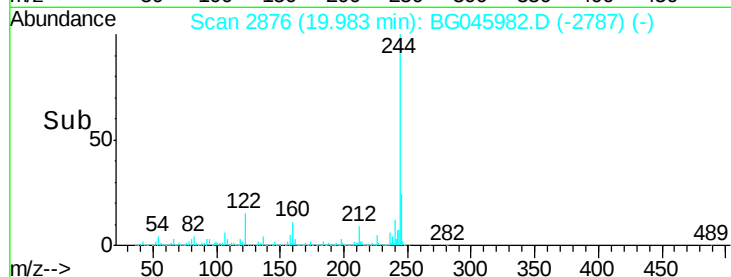
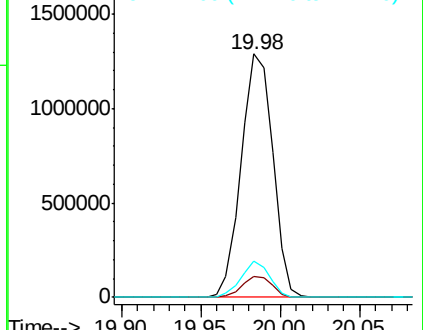
122 14.7 12.1 18.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.590 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

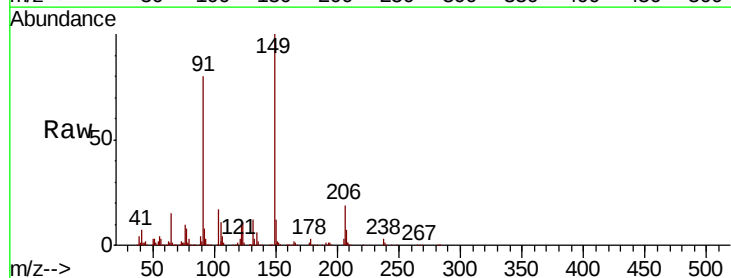
Tgt Ion:149 Resp: 186582

Ion Ratio Lower Upper

149 100

91 80.1 63.1 94.7

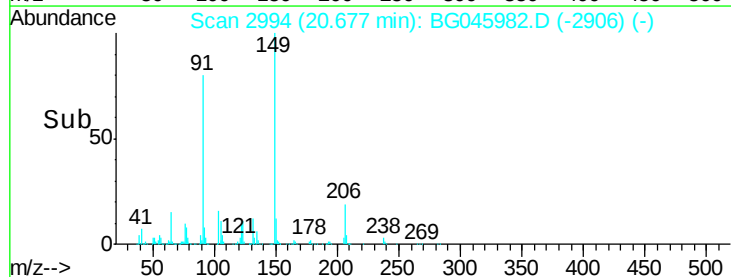
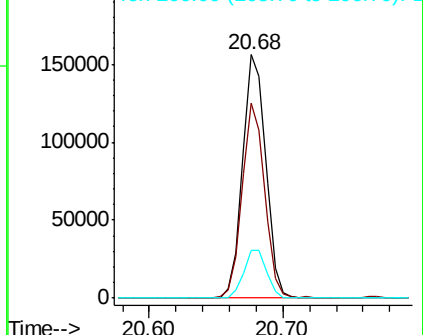
206 19.5 17.4 26.0

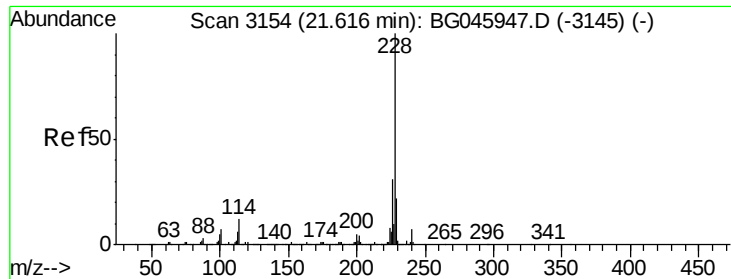


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 9.319 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

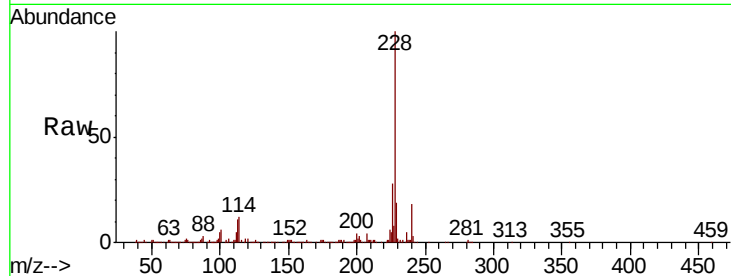
Tot Ion:228 Resp: 412626

Ion Ratio Lower Upper

228 100

226 27.7 24.8 37.2

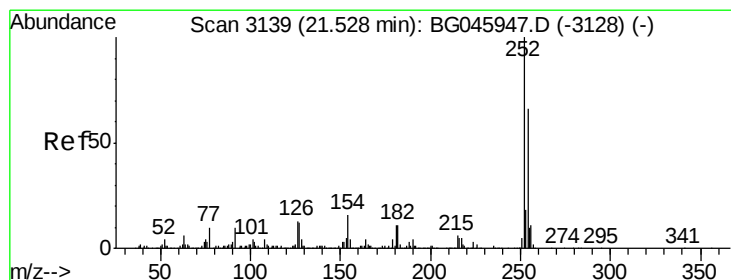
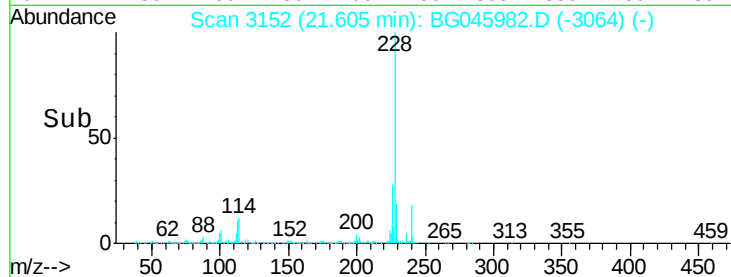
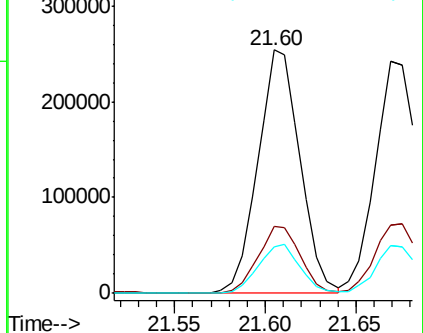
229 18.9 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.514 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

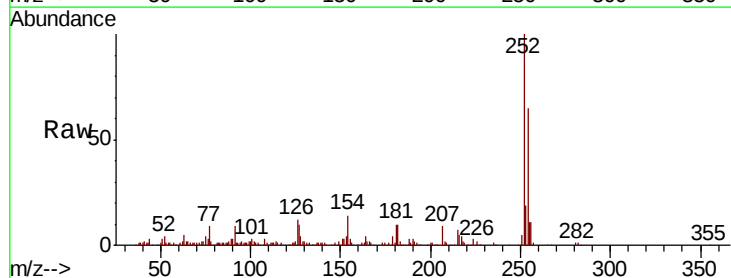
Tgt Ion:252 Resp: 155653

Ion Ratio Lower Upper

252 100

254 64.5 52.9 79.3

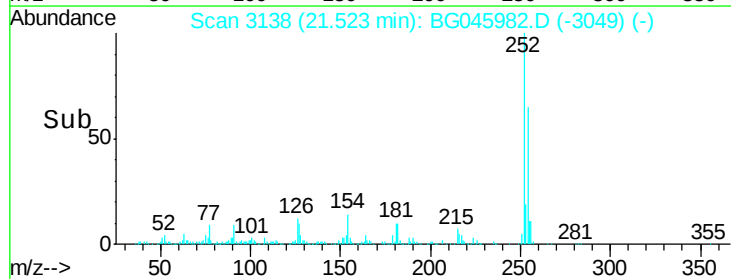
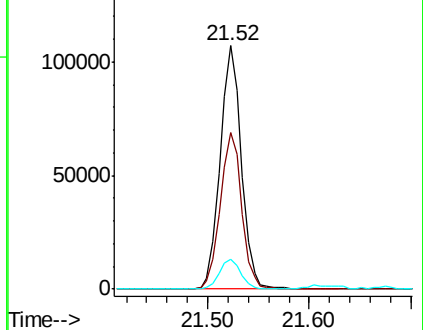
126 12.3 10.4 15.6

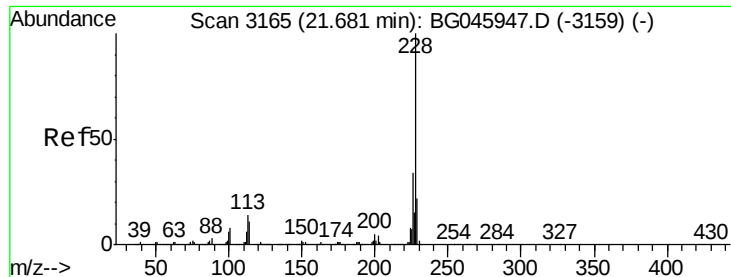


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 9.230 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

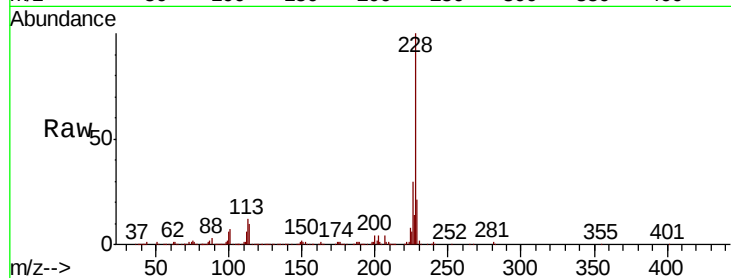
Tot Ion:228 Resp: 389341

Ion Ratio Lower Upper

228 100

226 29.6 26.7 40.1

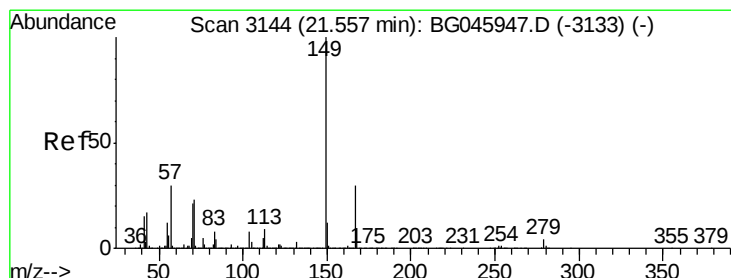
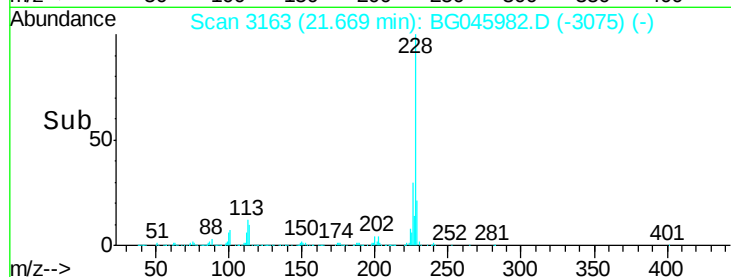
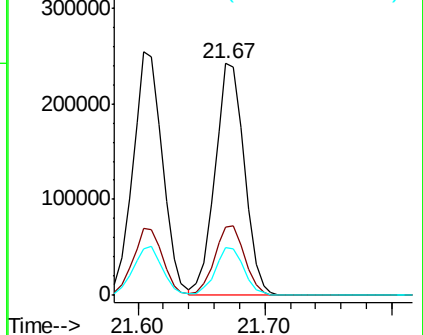
229 20.8 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.933 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

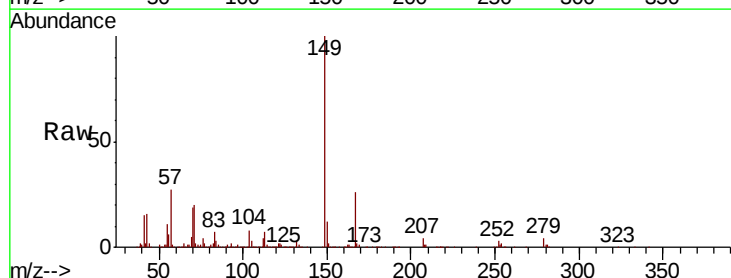
Tgt Ion:149 Resp: 281665

Ion Ratio Lower Upper

149 100

167 25.6 23.8 35.8

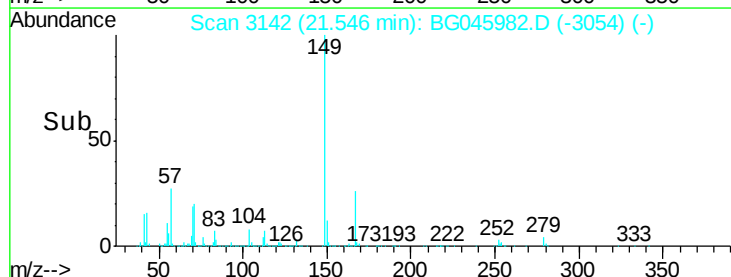
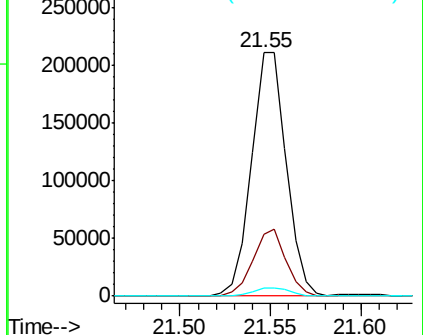
279 3.5 3.5 5.3

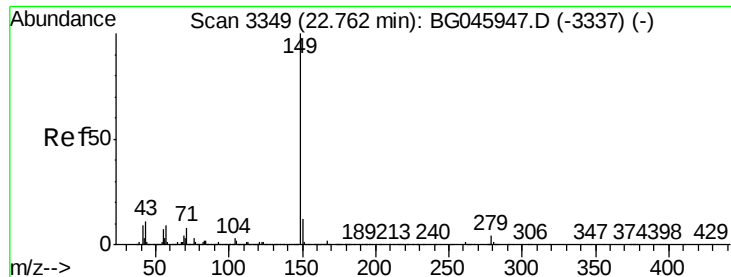


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 8.316 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

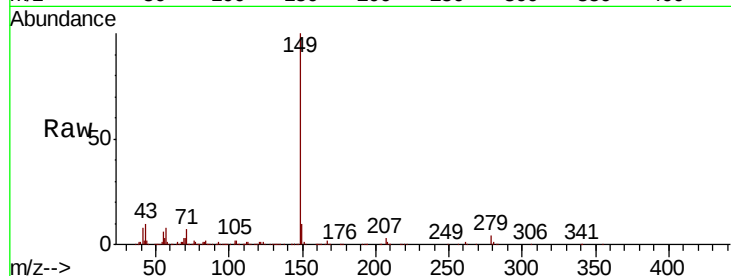
Tot Ion:149 Resp: 455028

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

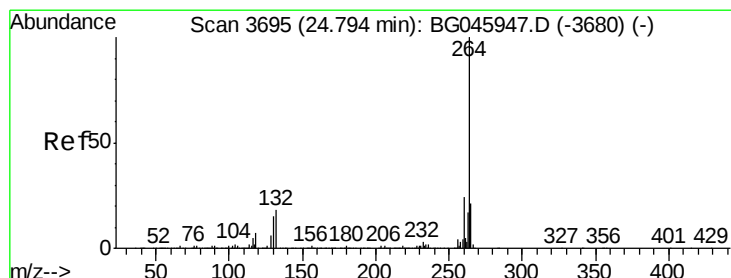
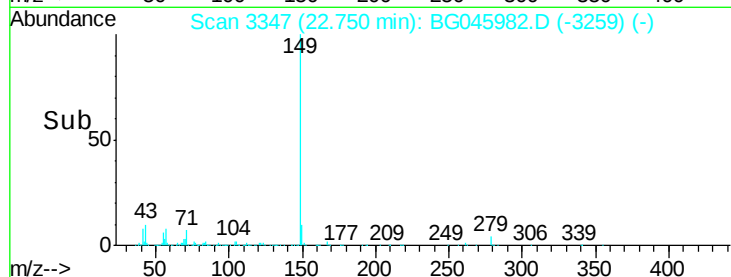
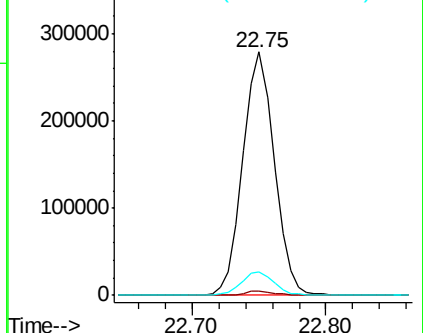
43 9.9 8.6 12.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

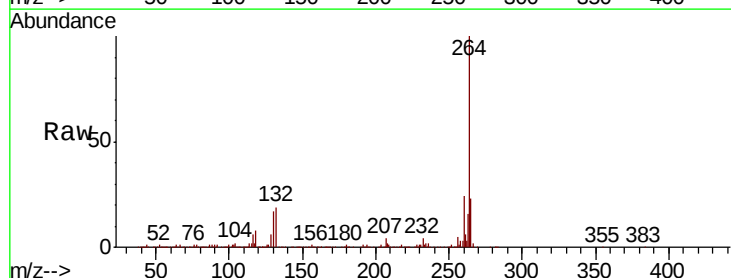
Tgt Ion:264 Resp: 677406

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

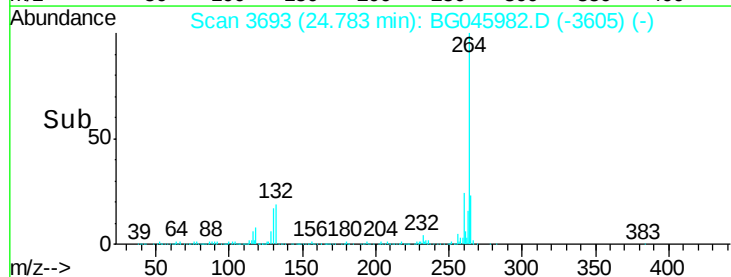
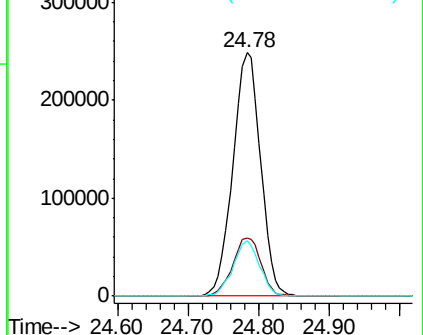
265 22.7 16.9 25.3

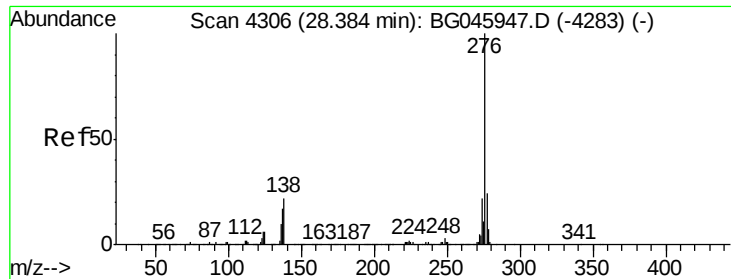


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

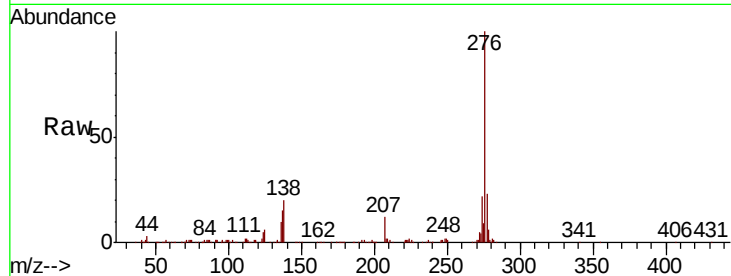




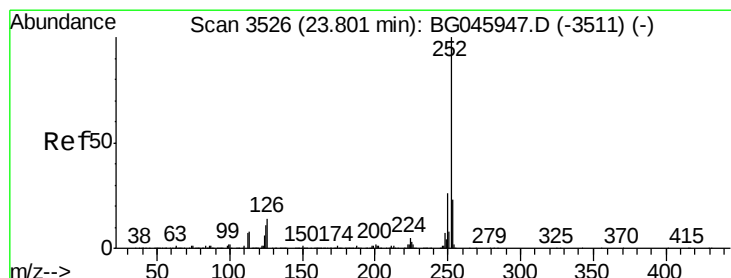
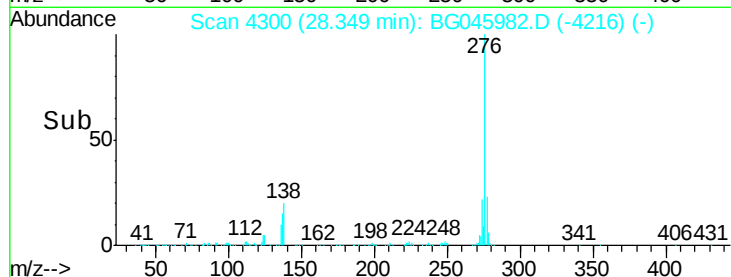
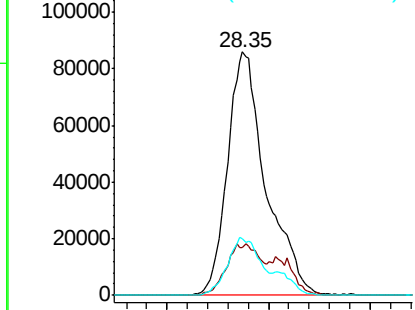
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 9.150 ng  
 RT: 28.35 min Scan# 4300  
 Delta R.T. -0.03 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2020

Tot Ion:276 Resp: 453462  
 Ion Ratio Lower Upper  
 276 100  
 138 18.5 16.4 24.6  
 277 20.3 20.6 31.0#

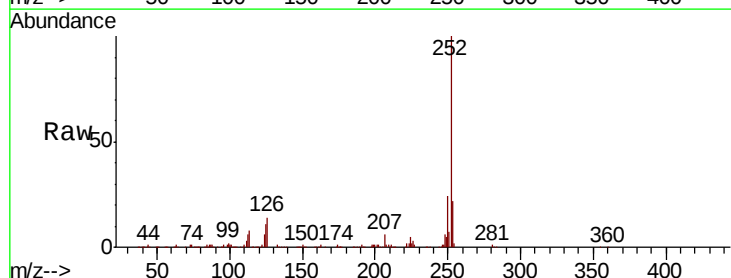


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

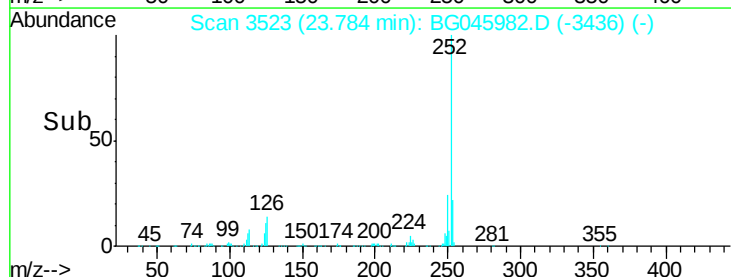
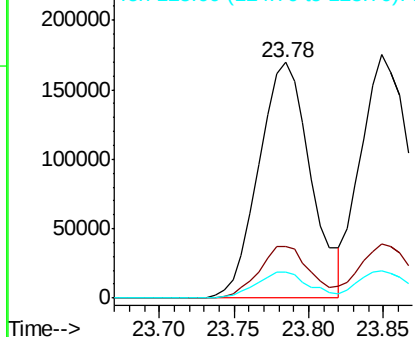


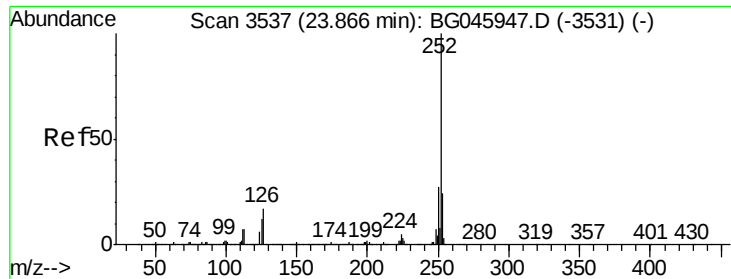
#88  
 Benzo(b)fluoranthene  
 Concen: 9.549 ng  
 RT: 23.78 min Scan# 3523  
 Delta R.T. -0.02 min  
 Lab File: BG045982.D  
 Acq: 8 Jul 2020 15:56

Tgt Ion:252 Resp: 410625  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 18.5 27.7  
 125 11.2 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 253.00 (252.70 to 253.70): E  
 Ion 125.00 (124.70 to 125.70): E

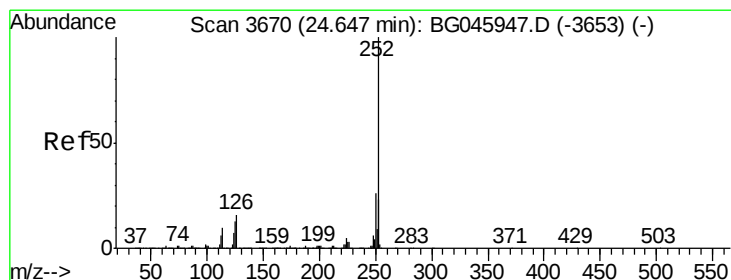
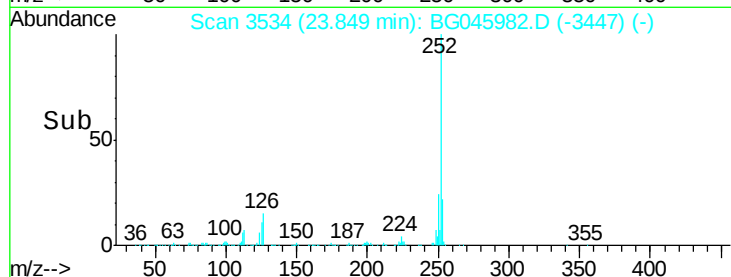
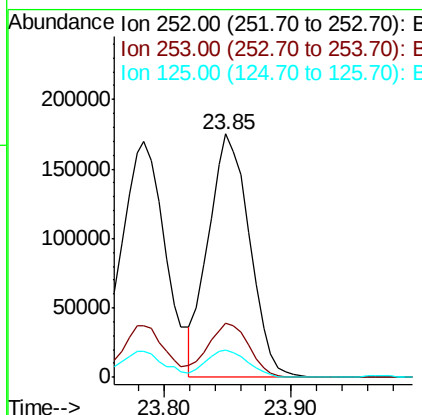
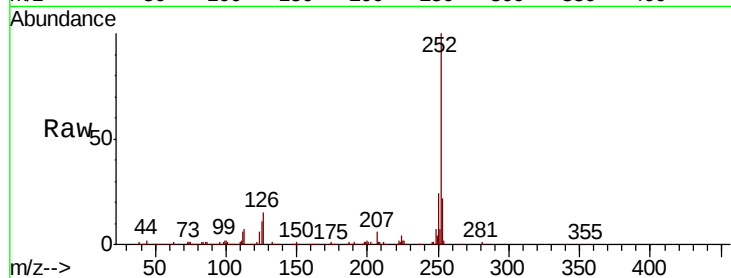




#89  
Benzo(k)fluoranthene  
Concen: 9.692 ng  
RT: 23.85 min Scan# 3534  
Delta R.T. -0.02 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

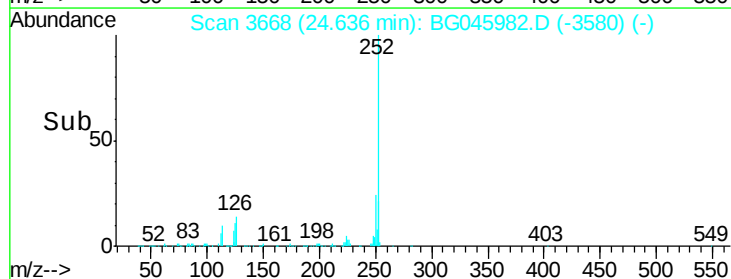
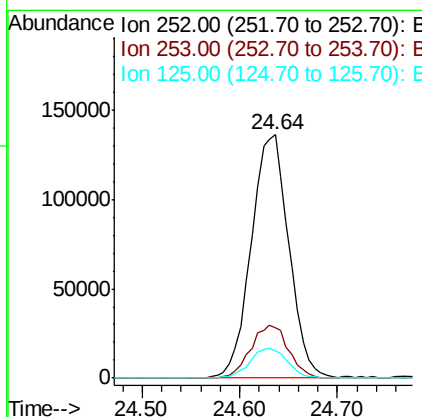
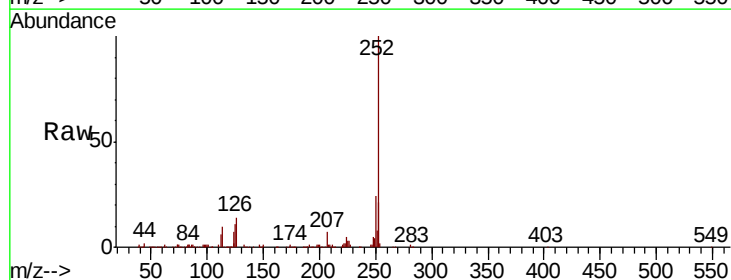
Instrument :  
BNA\_G  
ClientSampleId :  
LOQ-WATER-02-QT3-2020

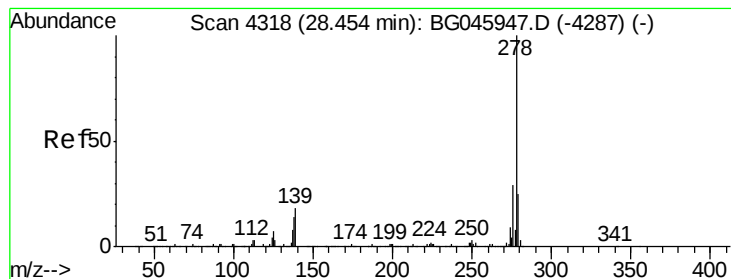
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 18.9  | 28.3  |
| 125     | 11.0  | 9.6   | 14.4  |



#90  
Benzo(a)pyrene  
Concen: 9.086 ng  
RT: 24.64 min Scan# 3668  
Delta R.T. -0.01 min  
Lab File: BG045982.D  
Acq: 8 Jul 2020 15:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.8  | 18.6  | 28.0  |
| 125     | 11.2  | 10.5  | 15.7  |





#91

Dibenzo(a,h)anthracene

Concen: 9.398 ng

RT: 28.42 min Scan# 4312

Delta R.T. -0.03 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

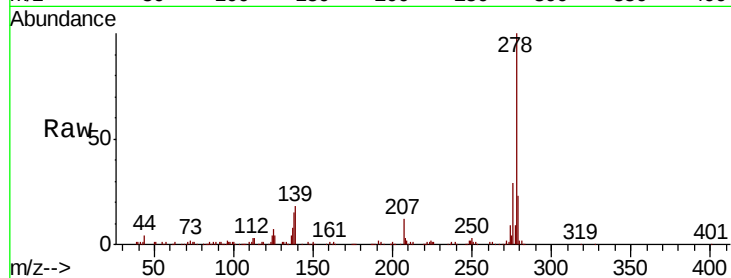
BNA\_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:278 Resp: 375631

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 18.3  | 14.3  | 21.5  |
| 279 | 22.9  | 19.8  | 29.6  |

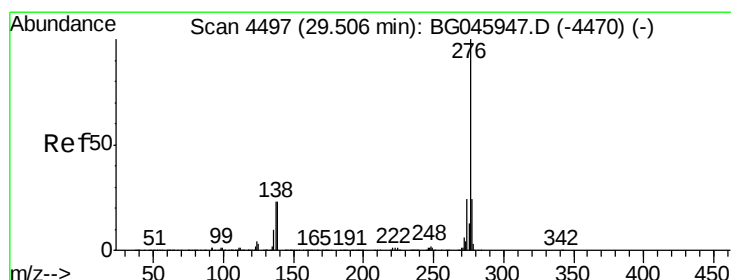
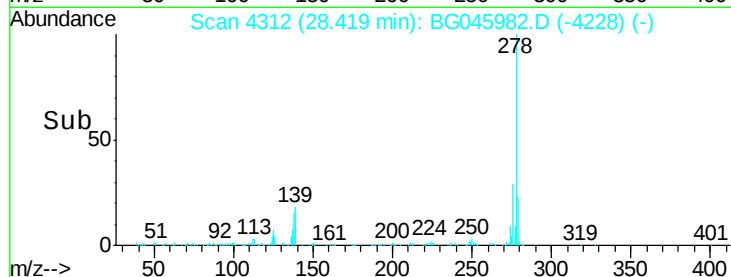
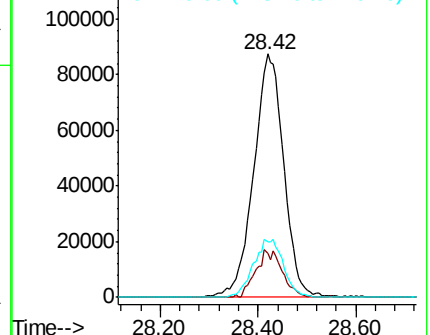


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 9.407 ng

RT: 29.46 min Scan# 4489

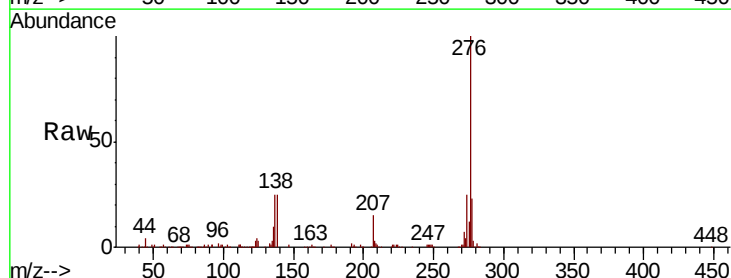
Delta R.T. -0.05 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Tgt Ion:276 Resp: 378407

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 22.5  | 19.4  | 29.0  |
| 138 | 24.8  | 18.6  | 28.0  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

