Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021744.D
Acq On : 18 Apr 2016 18:58
Operator : UM/SJ
Sample : H1824-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** LOQ-WATER2016-02

Quant Time: Apr 19 04:08:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.21 | 152 | 29105 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 11.03 | 136 | 122554 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.82 | 164 | 72524 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.55 | 188 | 171541 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 21.83 | 240 | 205417 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.16 | 264 | 198069 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.77 | 112 | 262129 | 149.98 | ng | | 0.00 |
| 7) Phenol-d6 | 7.36 | 99 | 362497 | 138.85 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.38 | 82 | 218792 | 91.76 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.30 | 330 | 125297 | 160.30 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.45 | 172 | 486769 | 98.34 | ng | | -0.01 |
| 78) Terphenyl-d14 | 20.14 | 244 | 753145 | 91.48 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.62 | 88 | 10986 | 14.12 | ng | # | 82 |
| 3) Pyridine | 4.03 | 79 | 32766 | 14.03 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 3.94 | 42 | 17132 | 14.81 | ng | # | 72 |
| 6) Aniline | 7.53 | 93 | 29065 | 8.42 | ng | | 91 |
| 8) 2-Chlorophenol | 7.78 | 128 | 37316 | 17.81 | ng | | 91 |
| 9) Benzaldehyde | 7.34 | 77 | 33546 | 22.22 | ng | | 95 |
| 10) Phenol | 7.39 | 94 | 49254 | 17.54 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 7.62 | 93 | 35492 | 15.79 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 8.10 | 146 | 38576 | 16.49 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.25 | 146 | 38812m | 16.29 | ng | | |
| 14) 1,2-Dichlorobenzene | 8.57 | 146 | 37511 | 16.41 | ng | | 97 |
| 15) Benzyl Alcohol | 8.45 | 79 | 34837 | 17.46 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.74 | 45 | 66832 | 13.88 | ng | | 98 |
| 17) 2-Methylphenol | 8.65 | 107 | 33042 | 17.02 | ng | | 90 |
| 18) Hexachloroethane | 9.30 | 117 | 14684 | 16.94 | ng | # | 77 |
| 19) n-Nitroso-di-n-propylamine | 9.01 | 70 | 30089 | 14.83 | ng | # | 93 |
| 20) 3+4-Methylphenols | 8.97 | 107 | 46150 | 17.37 | ng | | 98 |
| 22) Acetophenone | 9.03 | 105 | 56417 | 16.53 | ng | # | 97 |
| 24) Nitrobenzene | 9.42 | 77 | 42808 | 16.77 | ng | | 93 |
| 25) Isophorone | 9.94 | 82 | 82780 | 15.86 | ng | | 97 |
| 26) 2-Nitrophenol | 10.13 | 139 | 19460 | 19.97 | ng | # | 95 |
| 27) 2,4-Dimethylphenol | 10.18 | 122 | 36281 | 16.39 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 10.42 | 93 | 49219 | 17.75 | ng | | 92 |
| 29) 2,4-Dichlorophenol | 10.67 | 162 | 36814 | 19.50 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.88 | 180 | 37060 | 18.26 | ng | | 92 |
| 31) Naphthalene | 11.08 | 128 | 115228 | 17.57 | ng | # | 95 |
| 32) Benzoic acid | 10.26 | 122 | 7713 | 11.07 | ng | | 95 |
| 33) 4-Chloroaniline | 11.18 | 127 | 22851 | 8.05 | ng | | 96 |
| 34) Hexachlorobutadiene | 11.35 | 225 | 23355 | 17.84 | ng | | 97 |
| 35) Caprolactam | 11.94 | 113 | 13872 | 16.06 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 12.28 | 107 | 41693 | 17.56 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.66 | 142 | 80916 | 17.97 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.02 | 216 | 41560 | 18.34 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 13.00 | 237 | 25111 | 19.94 | ng | | 97 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041916\
Data File : BG021744.D
Acq On : 18 Apr 2016 18:58
Operator : UM/SJ
Sample : H1824-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** LOQ-WATER2016-02

Quant Time: Apr 19 04:08:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.26 | 196 | 27660 | 19.14 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 13.33 | 196 | 29563 | 18.96 | ng | | 96 |
| 45) 1,1'-Biphenyl | 13.66 | 154 | 107178 | 17.54 | ng | | 99 |
| 46) 2-Chloronaphthalene | 13.70 | 162 | 80744 | 17.87 | ng | | 96 |
| 47) 2-Nitroaniline | 13.90 | 65 | 28648 | 18.49 | ng | | 98 |
| 48) Acenaphthylene | 14.54 | 152 | 132686 | 17.77 | ng | | 99 |
| 49) Dimethylphthalate | 14.26 | 163 | 107482 | 17.14 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 14.39 | 165 | 22965 | 19.21 | ng | | 98 |
| 51) Acenaphthene | 14.88 | 154 | 82547 | 17.29 | ng | | 97 |
| 52) 3-Nitroaniline | 14.71 | 138 | 15170 | 11.44 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 14.92 | 184 | 4861 | 17.04 | ng | | 91 |
| 54) Dibenzofuran | 15.21 | 168 | 129934 | 19.93 | ng | | 98 |
| 55) 4-Nitrophenol | 15.02 | 139 | 20013 | 17.63 | ng | | 96 |
| 56) 2,4-Dinitrotoluene | 15.17 | 165 | 32115 | 19.87 | ng | # | 93 |
| 57) Fluorene | 15.86 | 166 | 104493 | 17.95 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.44 | 232 | 26152 | 20.21 | ng | # | 98 |
| 59) Diethylphthalate | 15.61 | 149 | 111823 | 17.09 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204 | 51593 | 17.99 | ng | | 94 |
| 61) 4-Nitroaniline | 15.87 | 138 | 26864 | 18.41 | ng | | 96 |
| 62) Azobenzene | 16.14 | 77 | 104156 | 18.57 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198 | 11779 | 20.03 | ng | | 90 |
| 65) n-Nitrosodiphenylamine | 16.06 | 169 | 94863 | 18.44 | ng | | 95 |
| 66) 4-Bromophenyl-phenylether | 16.74 | 248 | 33769 | 18.37 | ng | | 94 |
| 67) Hexachlorobenzene | 16.86 | 284 | 34908 | 17.99 | ng | | 94 |
| 68) Atrazine | 16.99 | 200 | 37301 | 18.36 | ng | | 94 |
| 69) Pentachlorophenol | 17.20 | 266 | 10891 | 9.83 | ng | | 96 |
| 70) Phenanthrene | 17.59 | 178 | 172570 | 18.25 | ng | | 99 |
| 71) Anthracene | 17.69 | 178 | 175226 | 18.26 | ng | | 99 |
| 72) Carbazole | 17.95 | 167 | 168478 | 18.81 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.49 | 149 | 206148 | 18.09 | ng | | 99 |
| 74) Fluoranthene | 19.59 | 202 | 210103 | 18.61 | ng | | 100 |
| 76) Benzidine | 19.76 | 184 | 37719 | 5.90 | ng | | 97 |
| 77) Pyrene | 19.95 | 202 | 215914 | 18.23 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.82 | 149 | 95873 | 17.44 | ng | | 98 |
| 80) Benzo(a)anthracene | 21.81 | 228 | 216316 | 18.30 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.71 | 252 | 33482 | 3.58 | ng | | 96 |
| 82) Chrysene | 21.88 | 228 | 204350 | 17.99 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.69 | 149 | 137963 | 17.16 | ng | | 100 |
| 84) Di-n-octyl phthalate | 22.94 | 149 | 237740 | 17.65 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 28.97 | 276 | 234687 | 17.38 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 24.09 | 252 | 207424 | 18.05 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 24.16 | 252 | 202750 | 18.04 | ng | | 98 |
| 89) Benzo(a)pyrene | 25.00 | 252 | 202161 | 18.15 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 29.03 | 278 | 198706 | 17.80 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 30.16 | 276 | 196647 | 17.95 | ng | | 97 |

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

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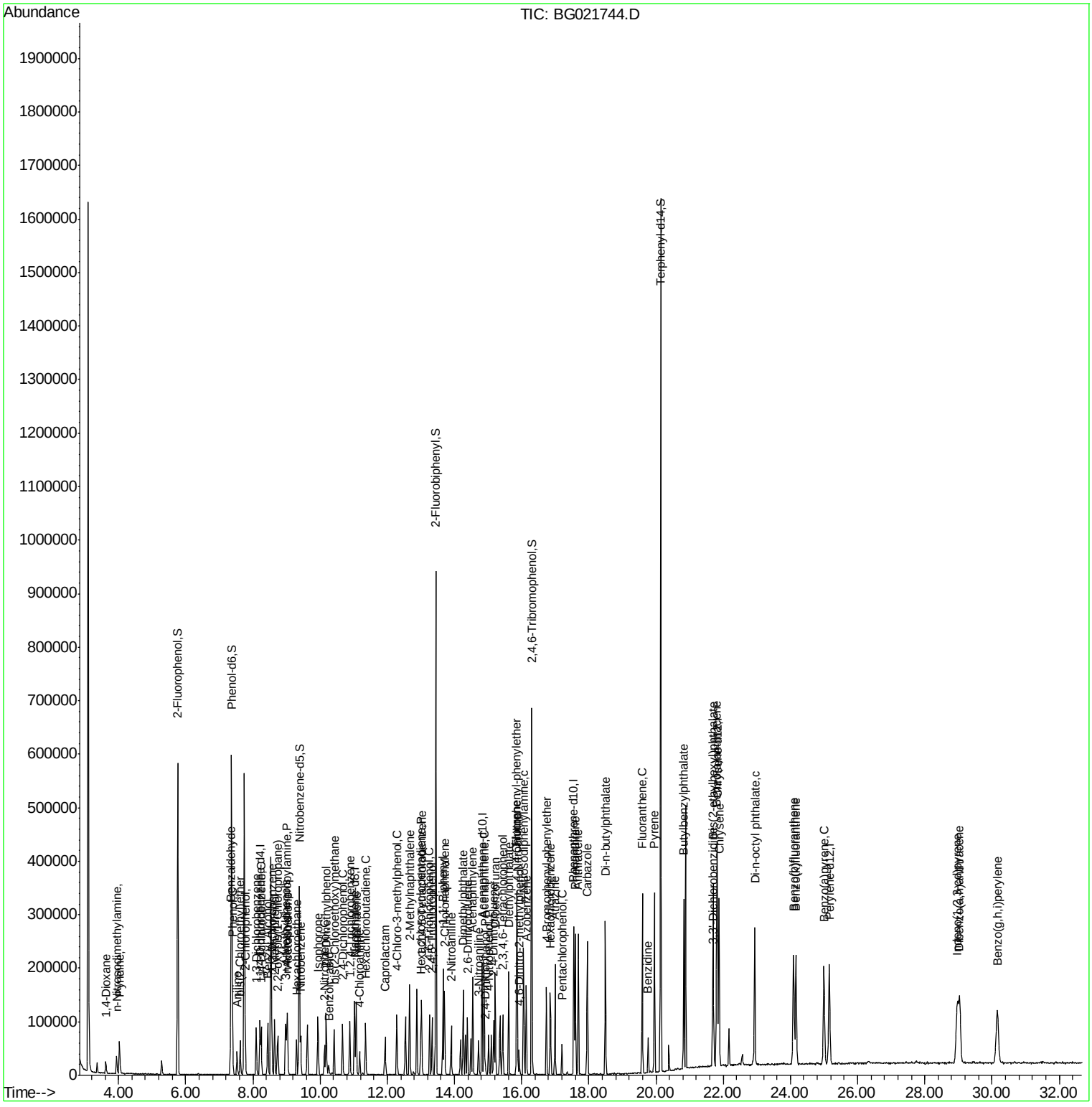
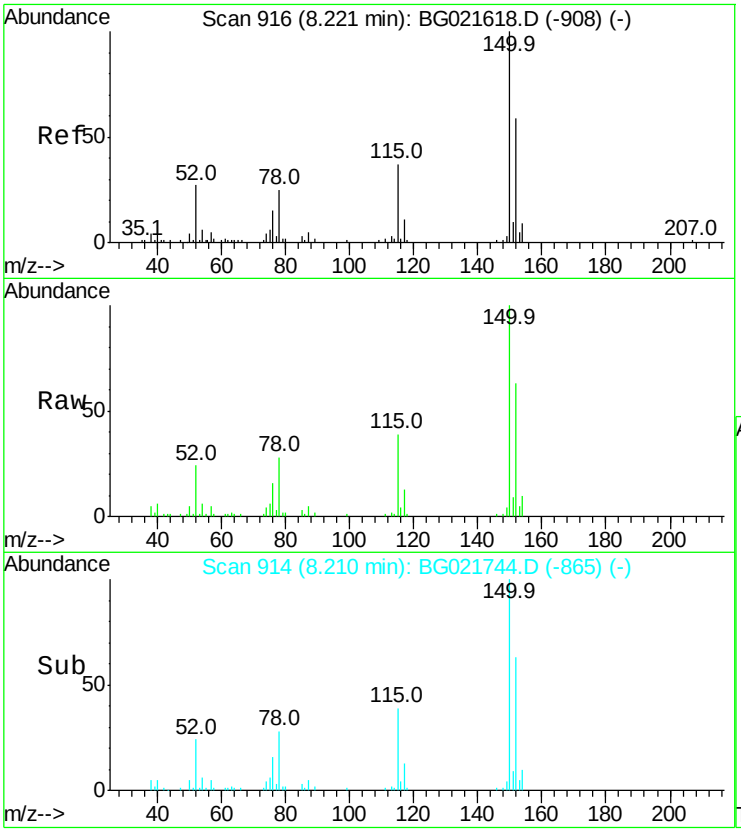
Data File : BG021744.D
Acq On : 18 Apr 2016 18:58
Operator : UM/SJ
Sample : H1824-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Quant Time: Apr 19 04:08:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration



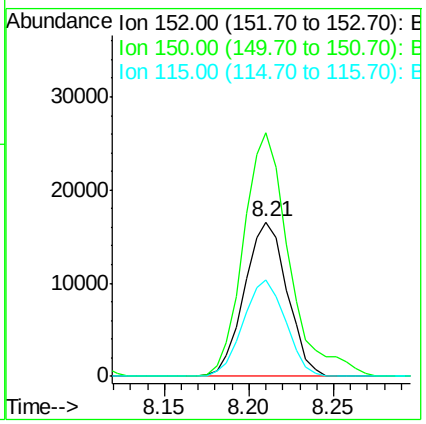


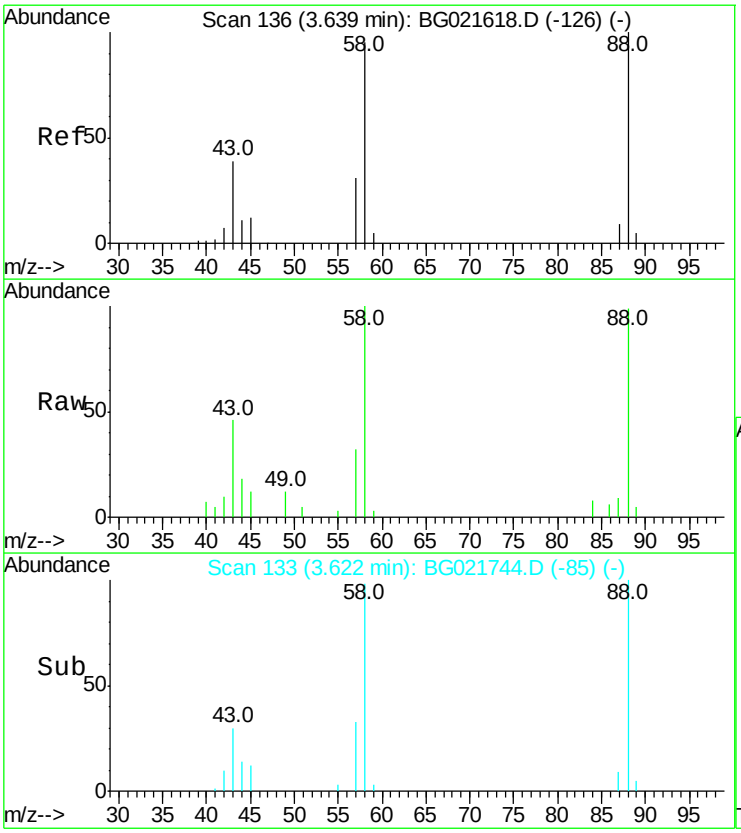

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:152 Resp: 29105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.8 | 130.1 | 195.1 |
| 115 | 62.1 | 62.2 | 93.2# |

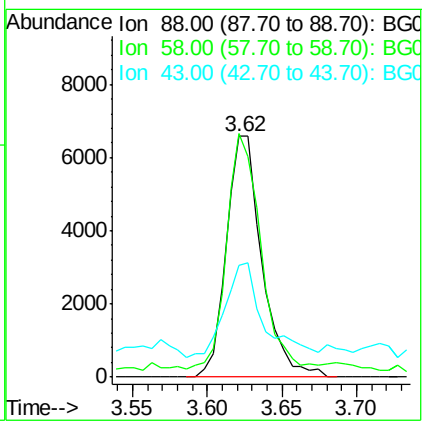


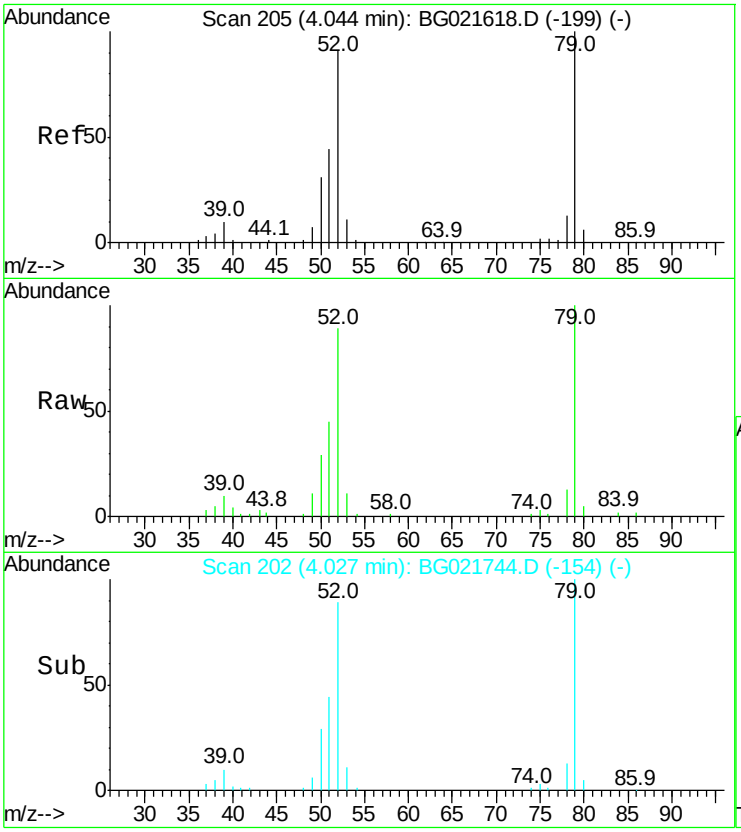




#2
1,4-Dioxane
Concen: 14.12 ng
RT: 3.62 min Scan# 133
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion: 88 Resp: 10986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 93.9 | 61.8 | 92.8# |
| 43 | 42.5 | 27.3 | 40.9# |



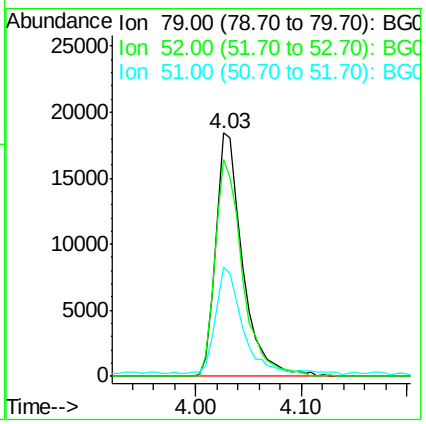


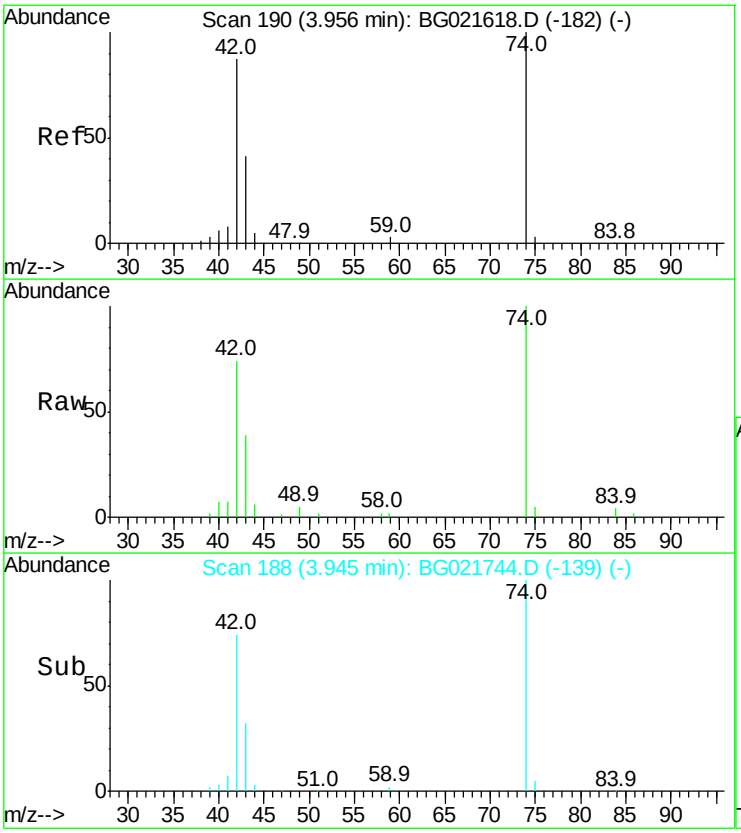

#3
Pyridine
Concen: 14.03 ng
RT: 4.03 min Scan# 202
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion: 79 Resp: 32766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 89.2 | 77.2 | 115.8 |
| 51 | 45.0 | 42.5 | 63.7 |

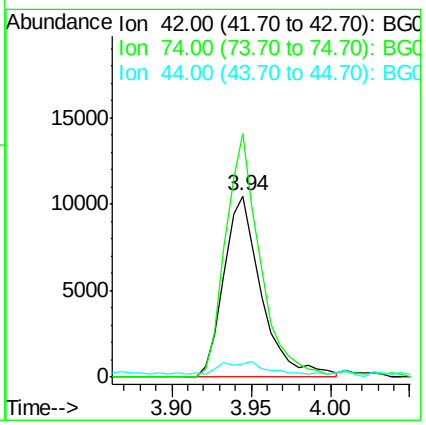


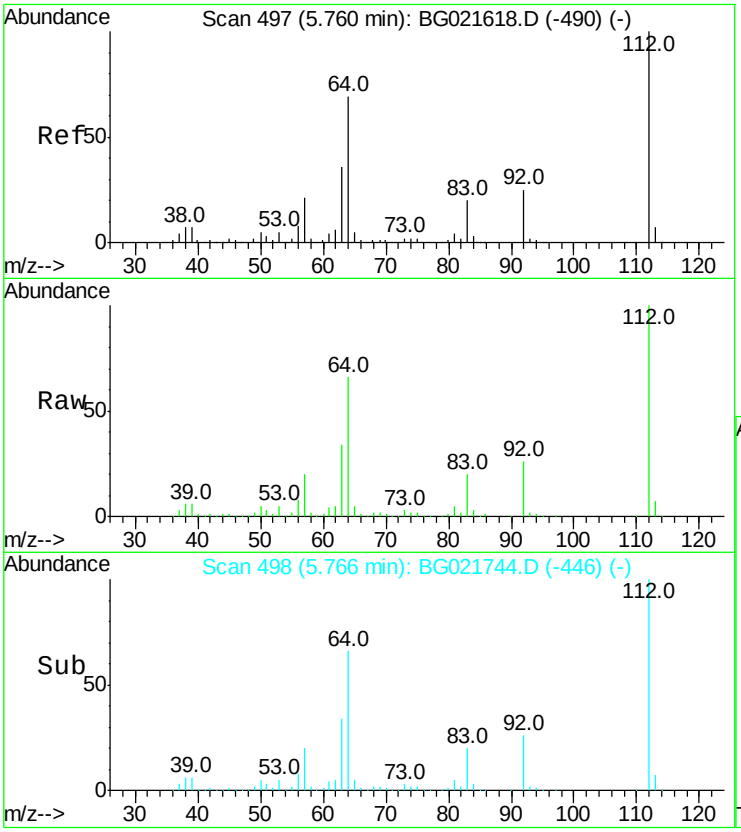




#4
n-Nitrosodimethylamine
Concen: 14.81 ng
RT: 3.94 min Scan# 188
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion: 42 Resp: 17132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 134.5 | 83.0 | 124.4# |
| 44 | 7.5 | 11.0 | 16.6# |



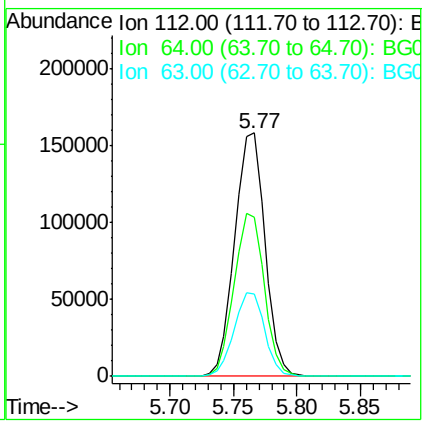


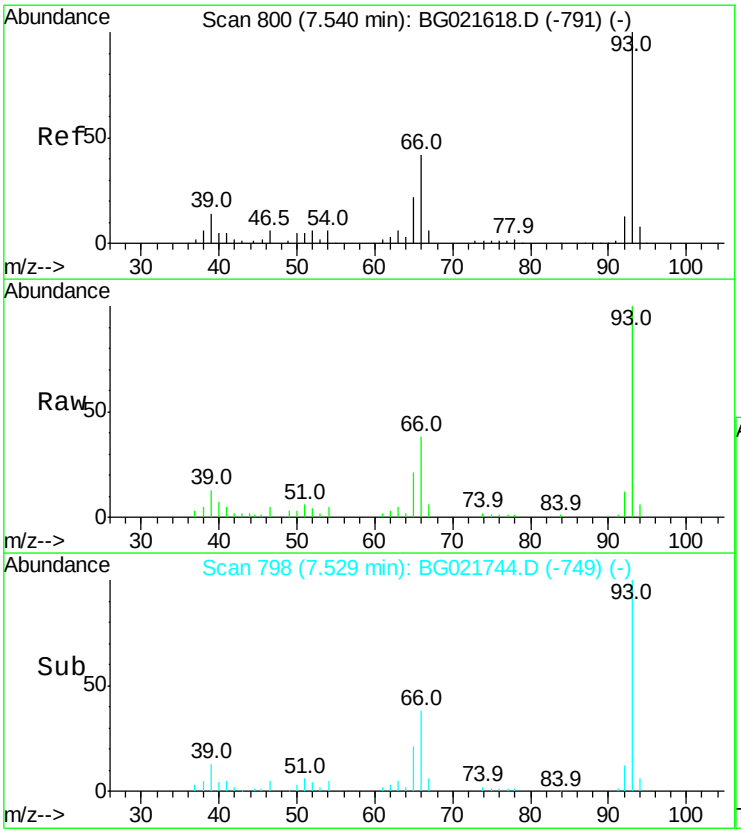

#5
2-Fluorophenol
Concen: 149.98 ng
RT: 5.77 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:112 Resp: 262129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.6 | 51.1 | 76.7 |
| 63 | 33.6 | 24.6 | 37.0 |

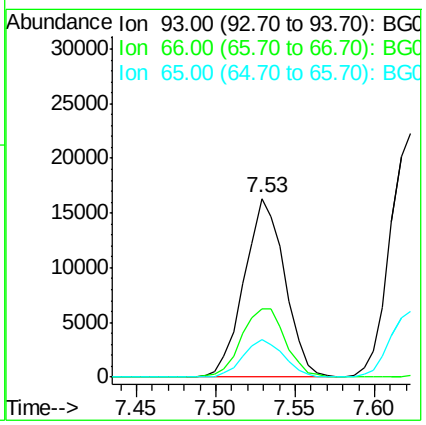


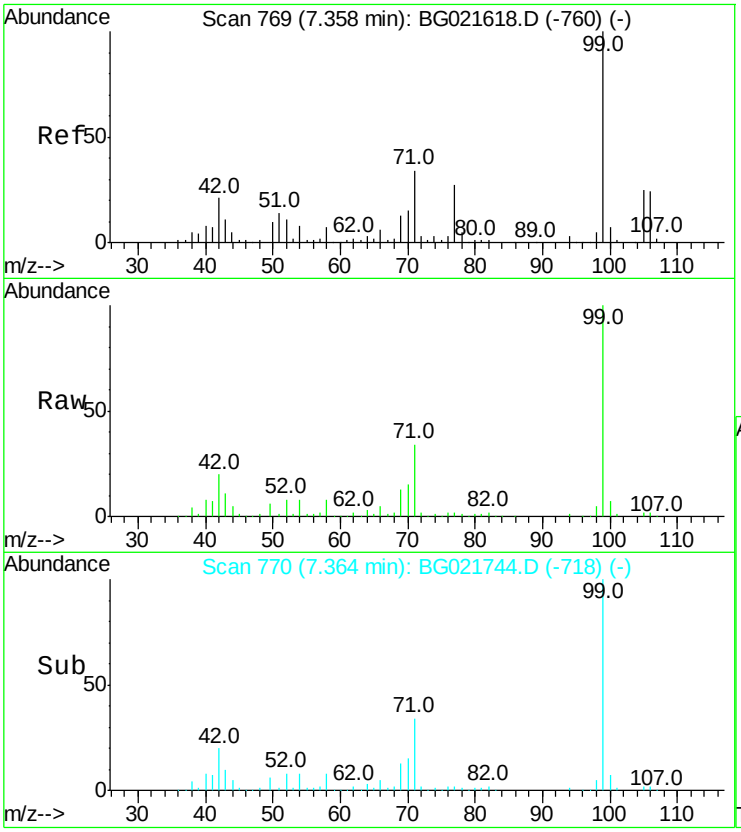




#6
Aniline
Concen: 8.42 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion: 93 Resp: 29065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.1 | 36.3 | 54.5 |
| 65 | 20.7 | 18.4 | 27.6 |



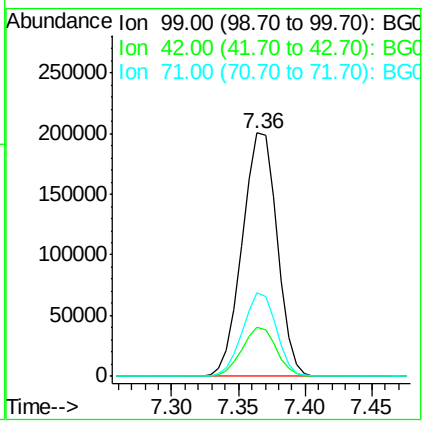


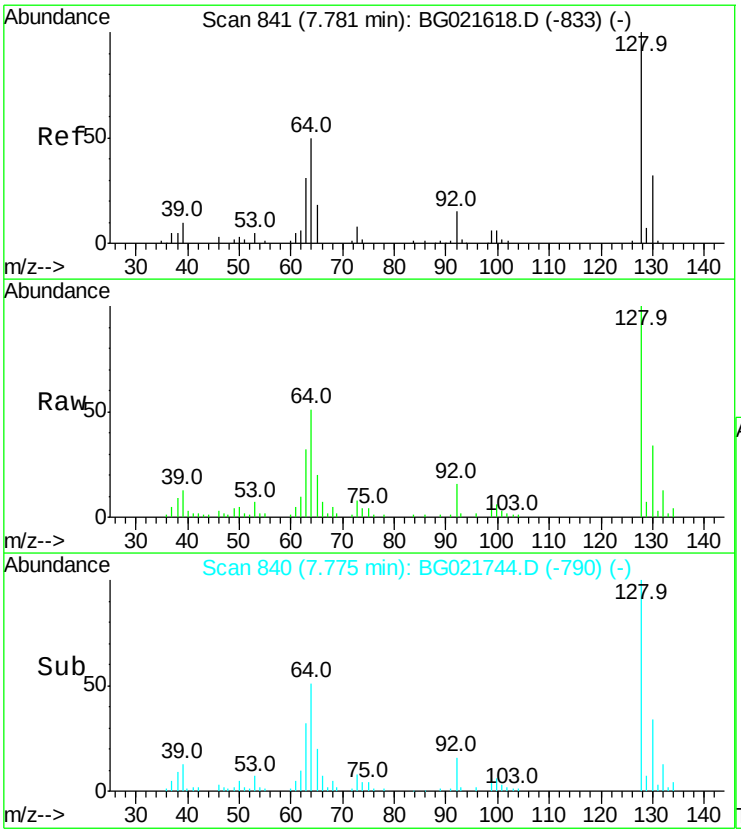

#7
Phenol-d6
Concen: 138.85 ng
RT: 7.36 min Scan# 770
Delta R.T. 0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion: 99 Resp: 362497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.1 | 16.4 | 24.6 |
| 71 | 34.3 | 25.0 | 37.4 |

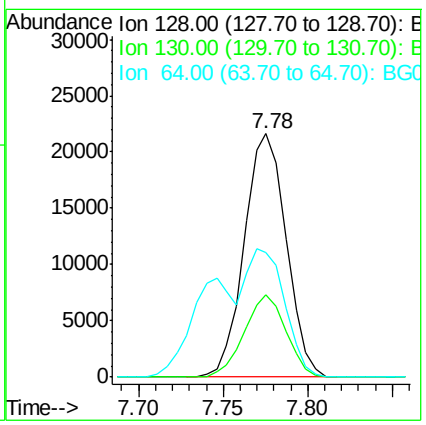


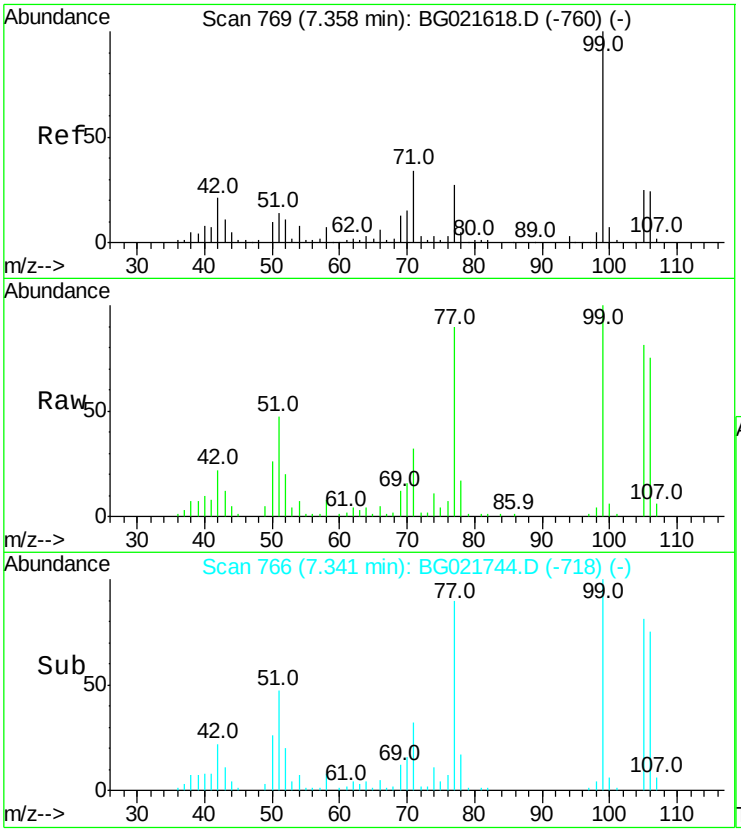




#8
2-Chlorophenol
Concen: 17.81 ng
RT: 7.78 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:128 Resp: 37316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 34.0 | 11.2 | 51.2 |
| 64 | 51.3 | 39.8 | 79.8 |



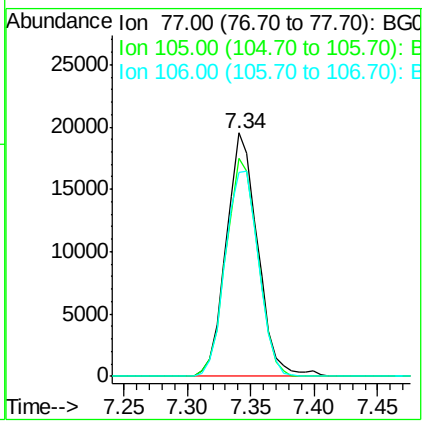


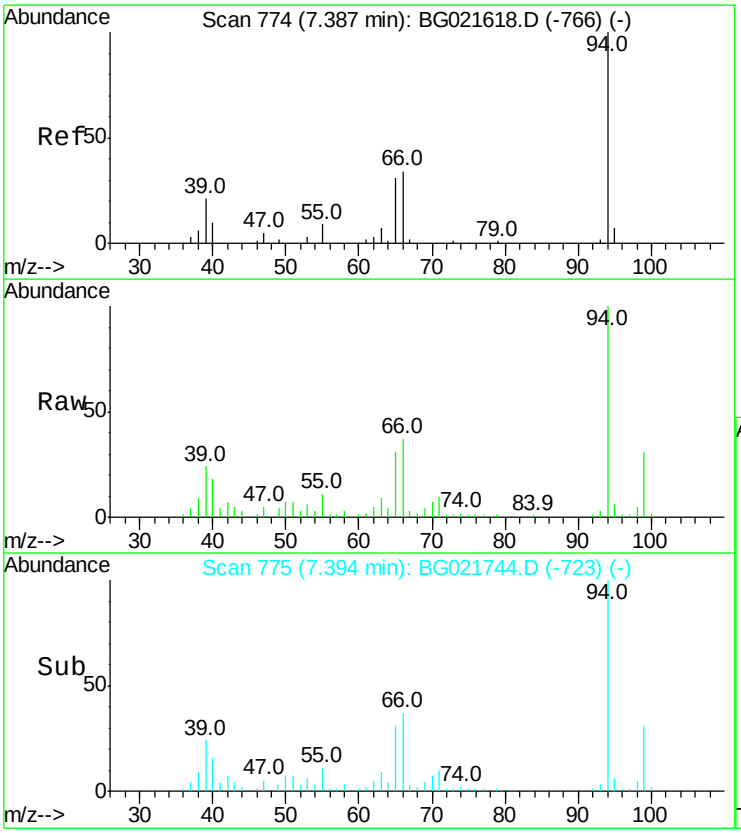

#9
Benzaldehyde
Concen: 22.22 ng
RT: 7.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion: 77 Resp: 33546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 89.3 | 62.1 | 102.1 |
| 106 | 83.6 | 65.6 | 105.6 |

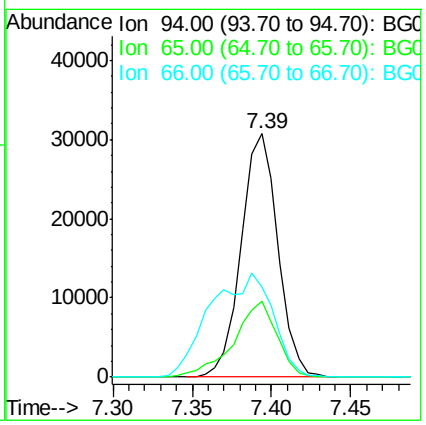


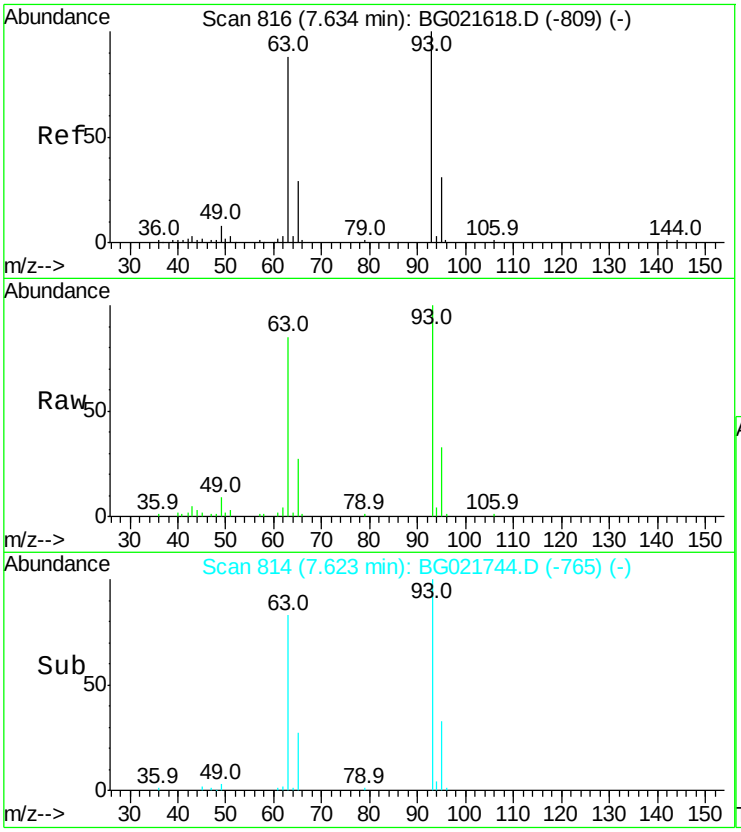




#10
Phenol
Concen: 17.54 ng
RT: 7.39 min Scan# 775
Delta R.T. 0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion: 94 Resp: 49254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.3 | 9.8 | 49.8 |
| 66 | 37.1 | 20.8 | 60.8 |



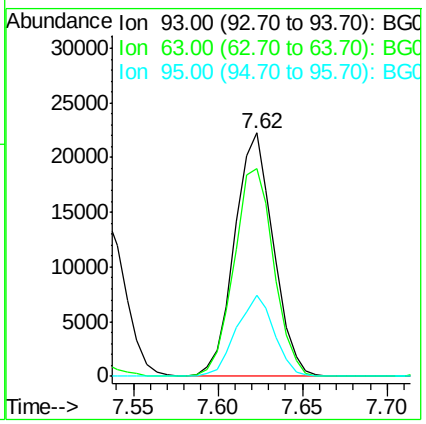


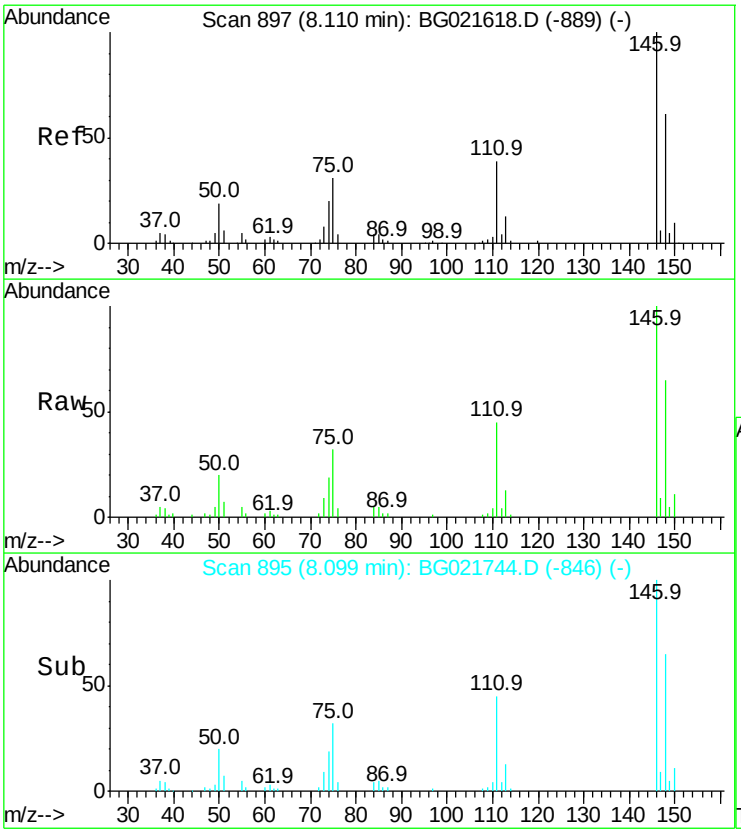

#11
bis(2-Chloroethyl)ether
Concen: 15.79 ng
RT: 7.62 min Scan# 814
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion: 93 Resp: 35492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 85.3 | 74.9 | 114.9 |
| 95 | 33.2 | 8.3 | 48.3 |

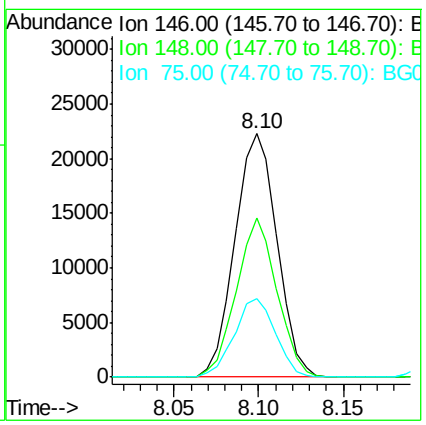


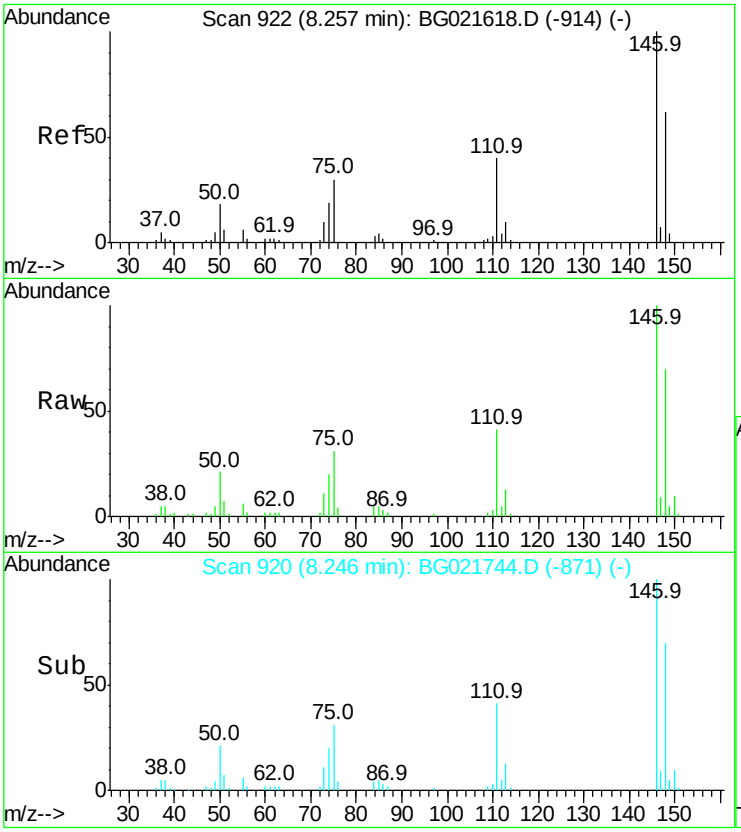




#12
1,3-Dichlorobenzene
Concen: 16.49 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:146 Resp: 38576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 53.7 | 80.5 |
| 75 | 32.3 | 27.4 | 41.0 |



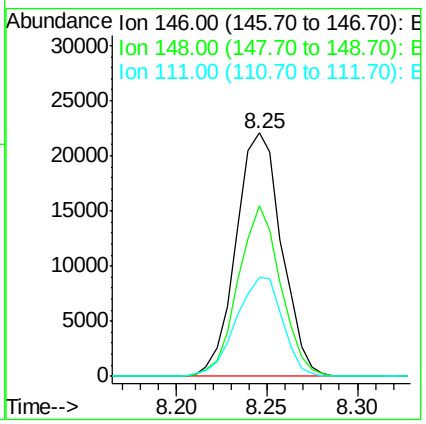


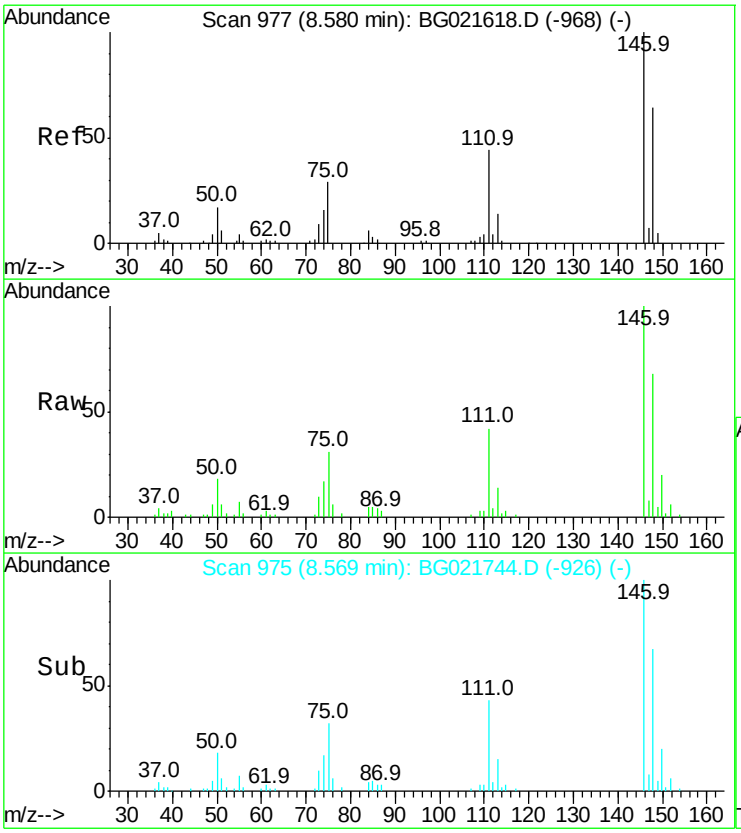

#13
1,4-Dichlorobenzene
Concen: 16.29 ng m
RT: 8.25 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:146 Resp: 38812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 70.2 | 46.7 | 70.1# |
| 111 | 40.8 | 33.0 | 49.6 |

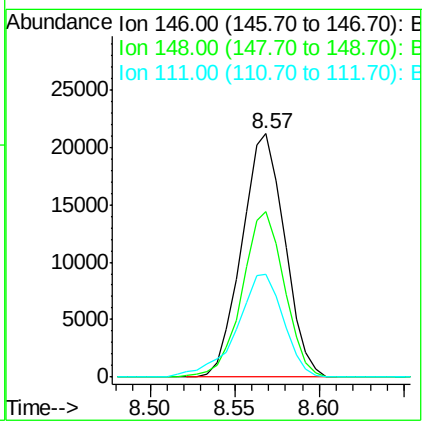


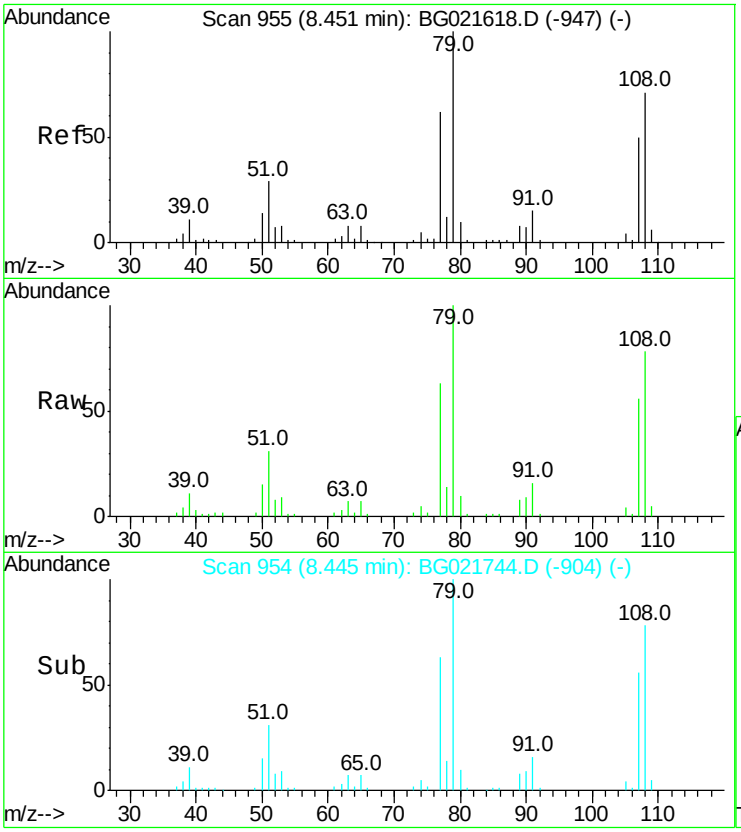




#14
1,2-Dichlorobenzene
Concen: 16.41 ng
RT: 8.57 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:146 Resp: 37511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.8 | 52.6 | 79.0 |
| 111 | 42.4 | 36.1 | 54.1 |



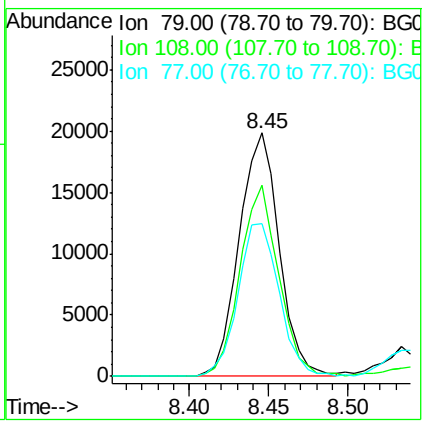


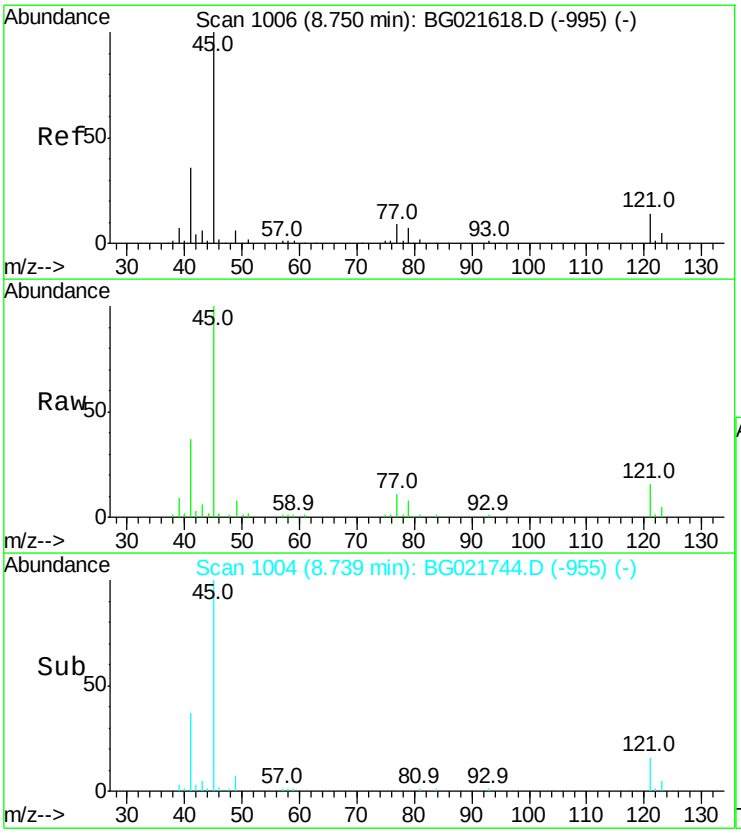

#15
Benzyl Alcohol
Concen: 17.46 ng
RT: 8.45 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion: 79 Resp: 34837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.3 | 59.4 | 89.0 |
| 77 | 62.6 | 52.2 | 78.2 |

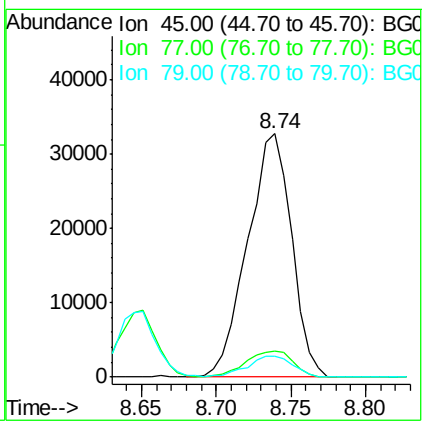


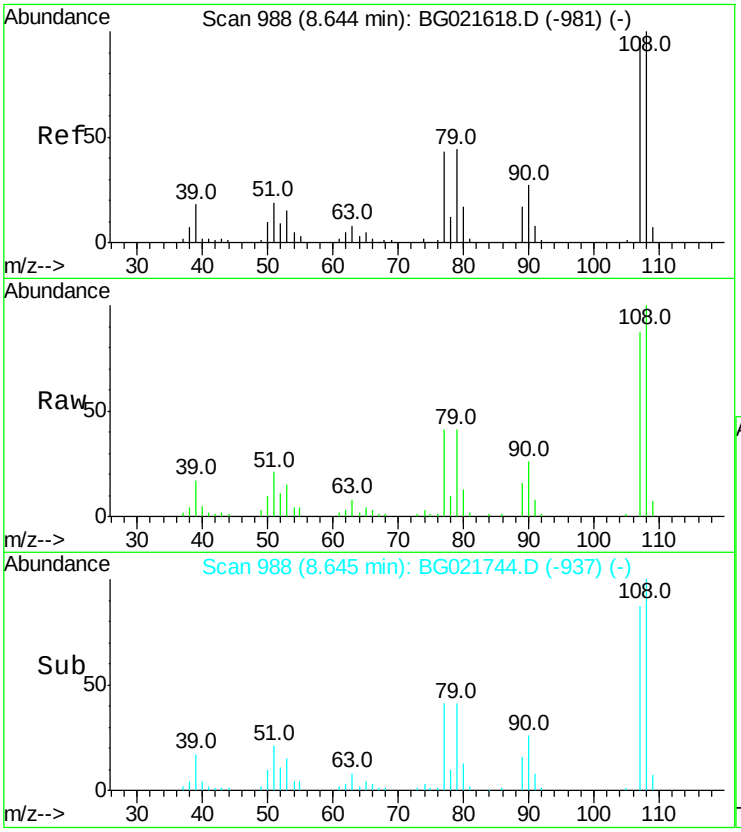




#16
2,2'-oxybis(1-Chloropropane)
Concen: 13.88 ng
RT: 8.74 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion: 45 Resp: 66832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.7 | 0.0 | 31.2 |
| 79 | 8.4 | 0.0 | 29.0 |



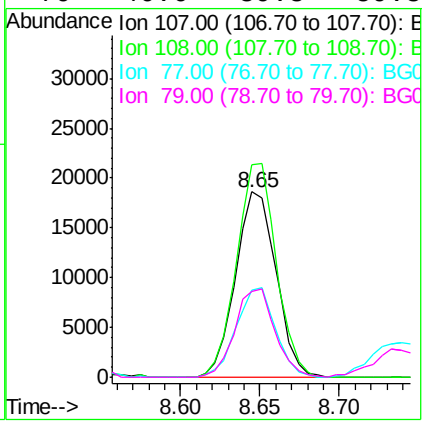


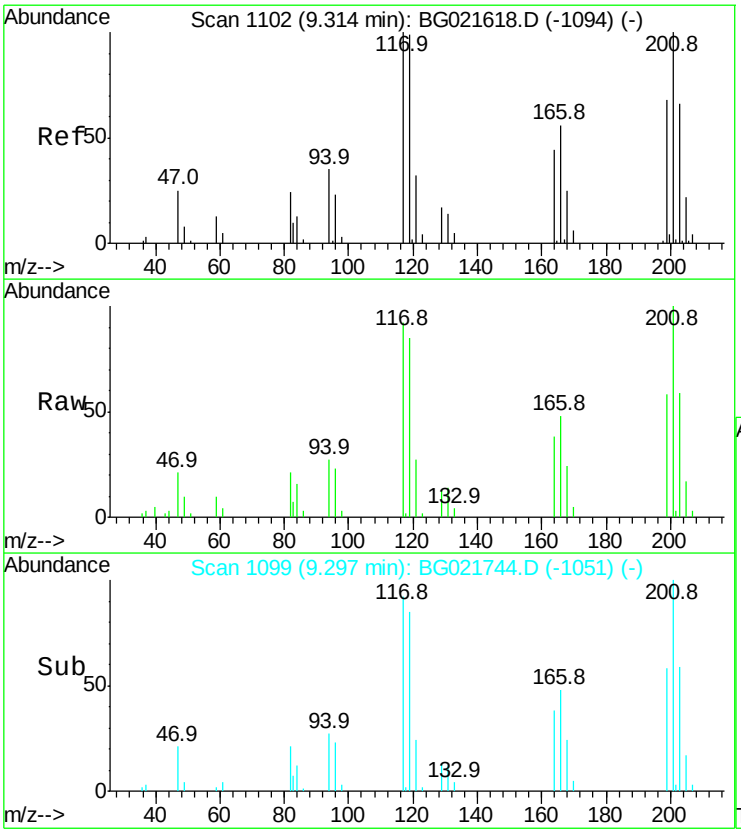

#17
2-Methylphenol
Concen: 17.02 ng
RT: 8.65 min Scan# 988
Delta R.T. 0.00 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:107 Resp: 33042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.9 | 80.2 | 120.4 |
| 77 | 46.9 | 40.7 | 61.1 |
| 79 | 46.6 | 39.8 | 59.8 |

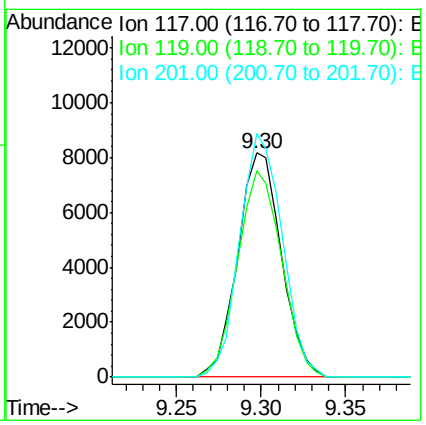


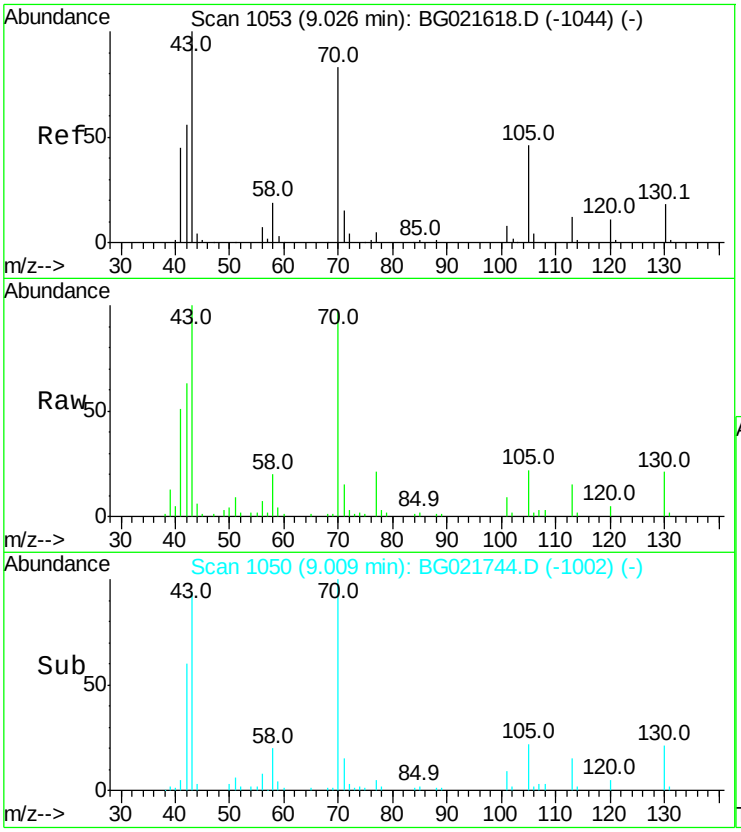




#18
Hexachloroethane
Concen: 16.94 ng
RT: 9.30 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:117 Resp: 14684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 90.0 | 63.9 | 95.9 |
| 201 | 106.4 | 61.2 | 91.8# |



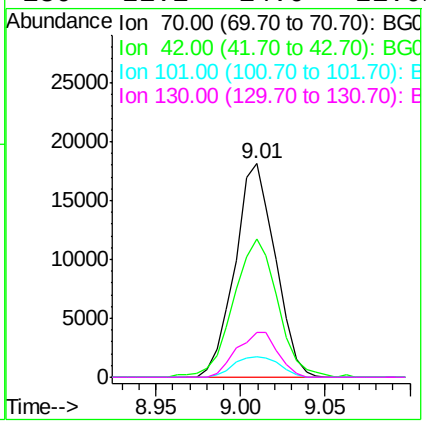


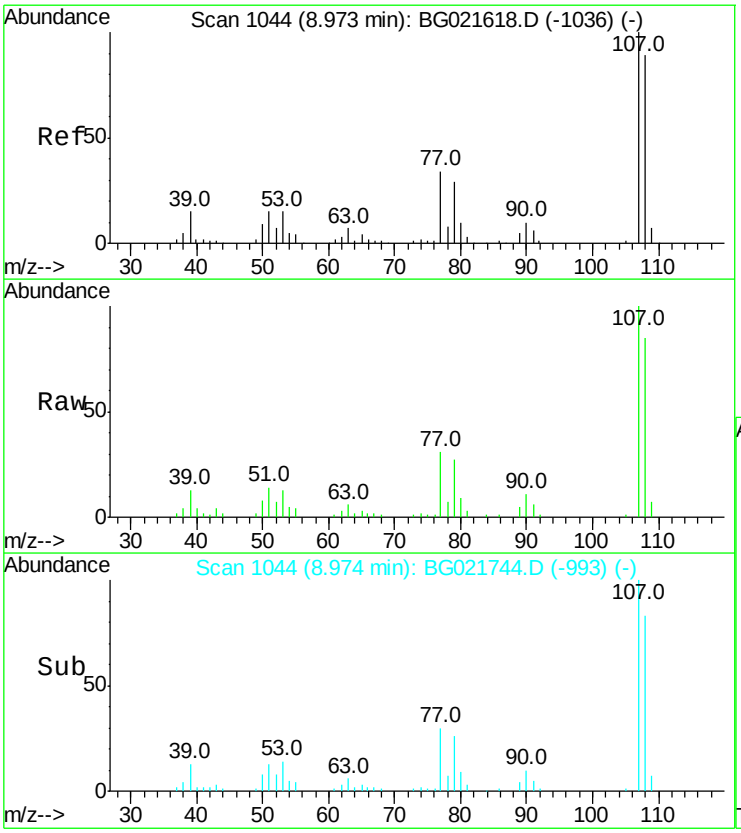

#19
n-Nitroso-di-n-propylamine
Concen: 14.83 ng
RT: 9.01 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion: 70 Resp: 30089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.0 | 56.7 | 85.1 |
| 101 | 9.4 | 8.2 | 12.4 |
| 130 | 21.1 | 14.0 | 21.0# |

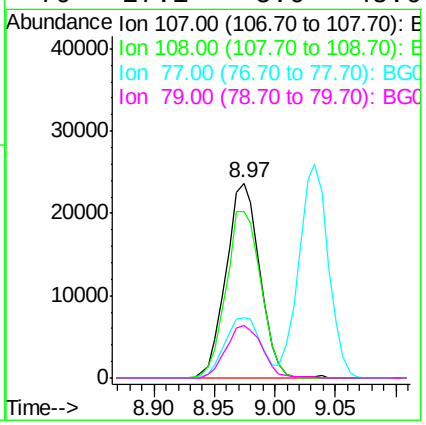


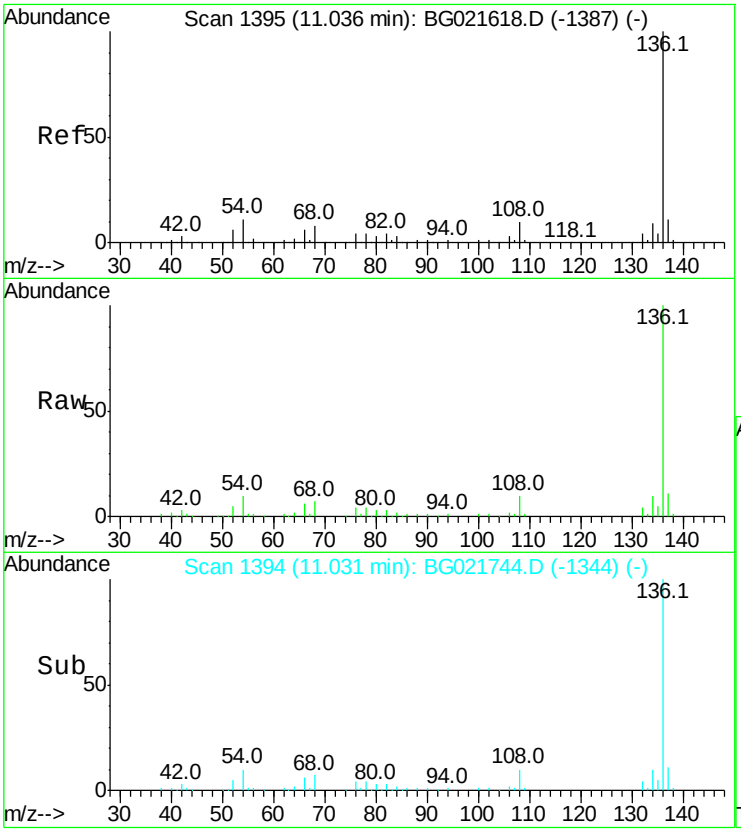




#20
3+4-Methylphenols
Concen: 17.37 ng
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:107 Resp: 46150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 85.0 | 66.2 | 106.2 |
| 77 | 31.0 | 11.5 | 51.5 |
| 79 | 27.1 | 5.6 | 45.6 |



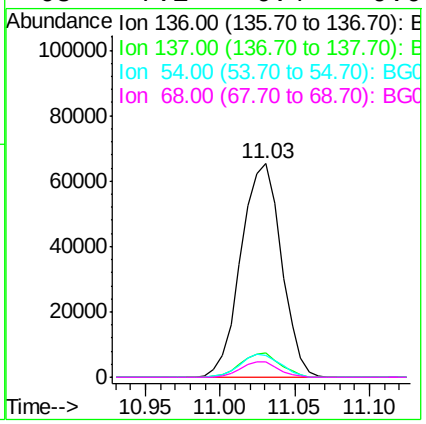


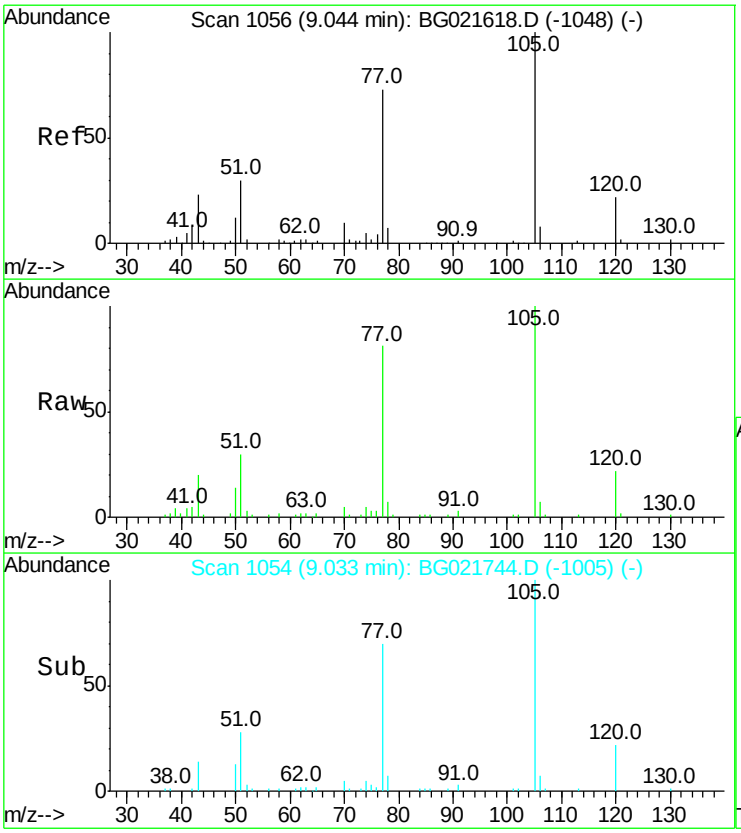

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:136 Resp: 122554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.0 | 13.4 |
| 54 | 10.5 | 9.6 | 14.4 |
| 68 | 7.1 | 6.4 | 9.6 |

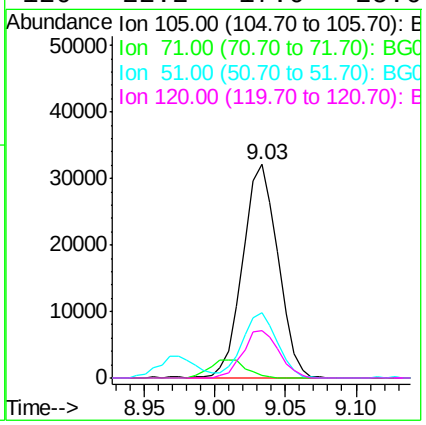


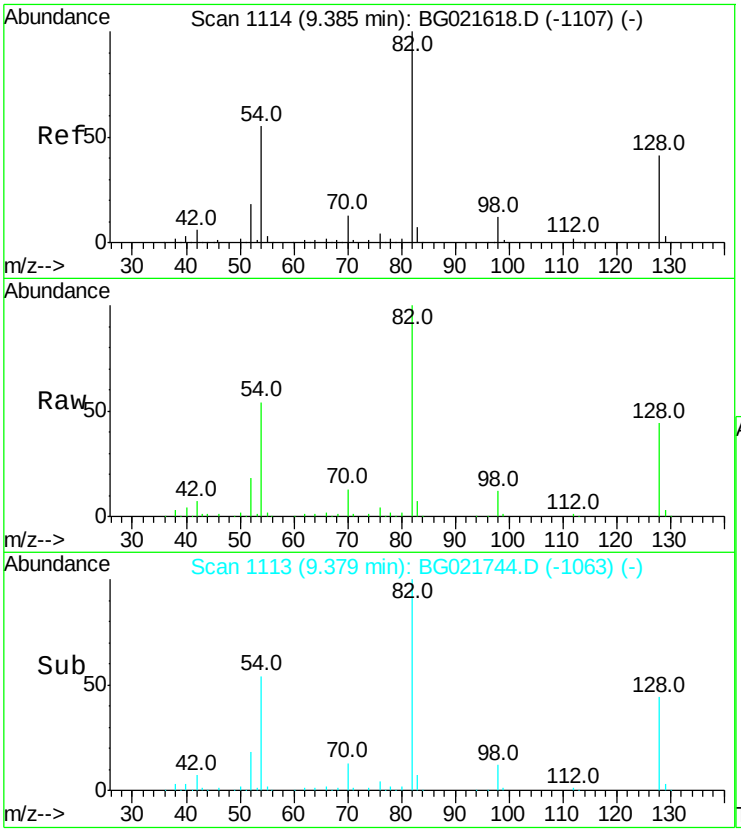




#22
Acetophenone
Concen: 16.53 ng
RT: 9.03 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:105 Resp: 56417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.1 | 0.0 | 0.0# |
| 51 | 30.4 | 25.7 | 38.5 |
| 120 | 22.2 | 17.0 | 25.6 |



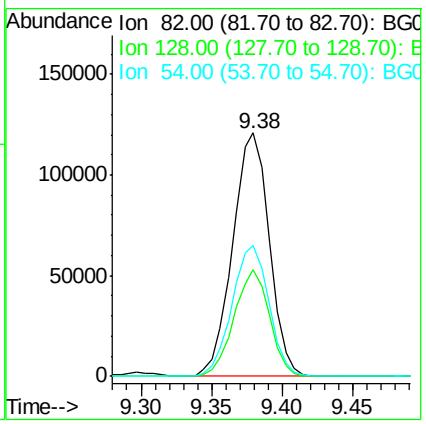


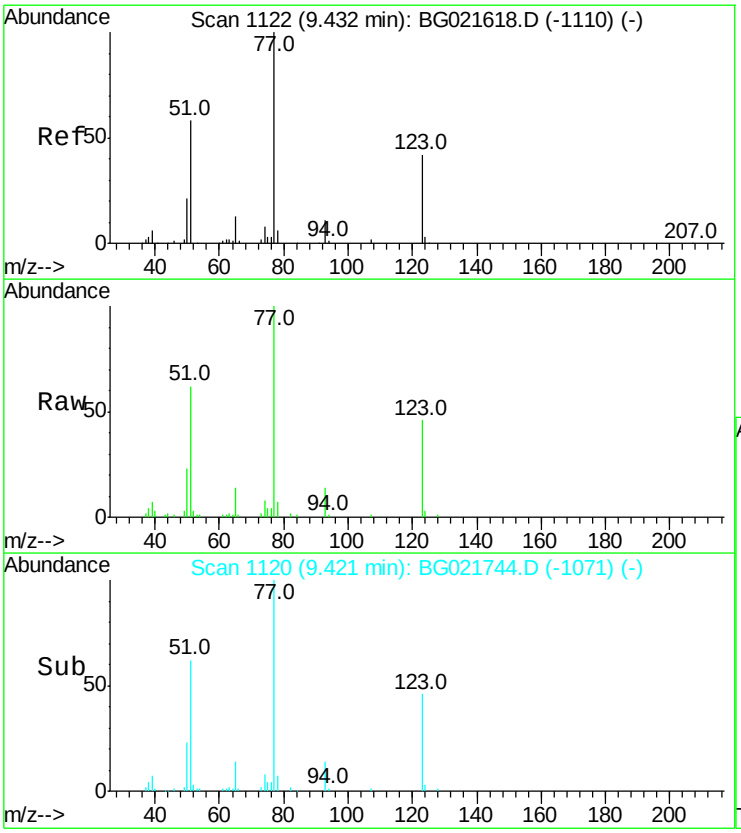

#23
Nitrobenzene-d5
Concen: 91.76 ng
RT: 9.38 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion: 82 Resp: 218792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.7 | 33.4 | 50.0 |
| 54 | 54.1 | 46.1 | 69.1 |

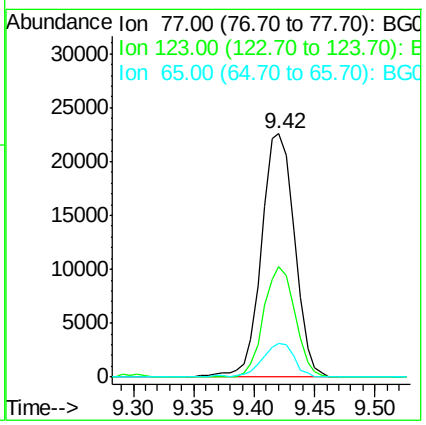


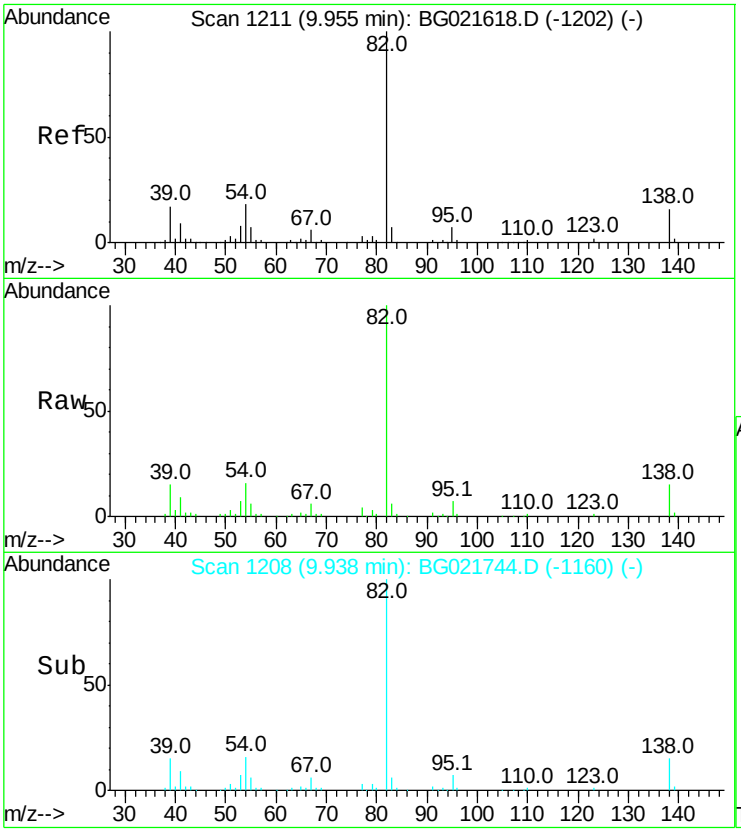




#24
Nitrobenzene
Concen: 16.77 ng
RT: 9.42 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion: 77 Resp: 42808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.6 | 32.2 | 48.4 |
| 65 | 14.1 | 10.3 | 15.5 |



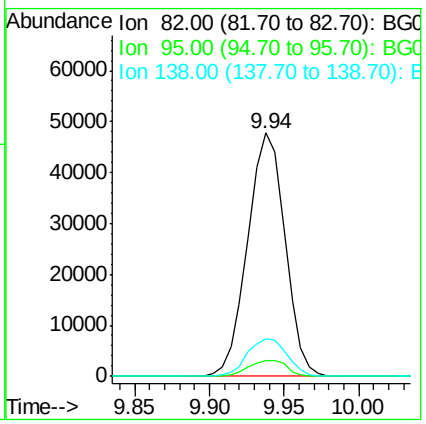


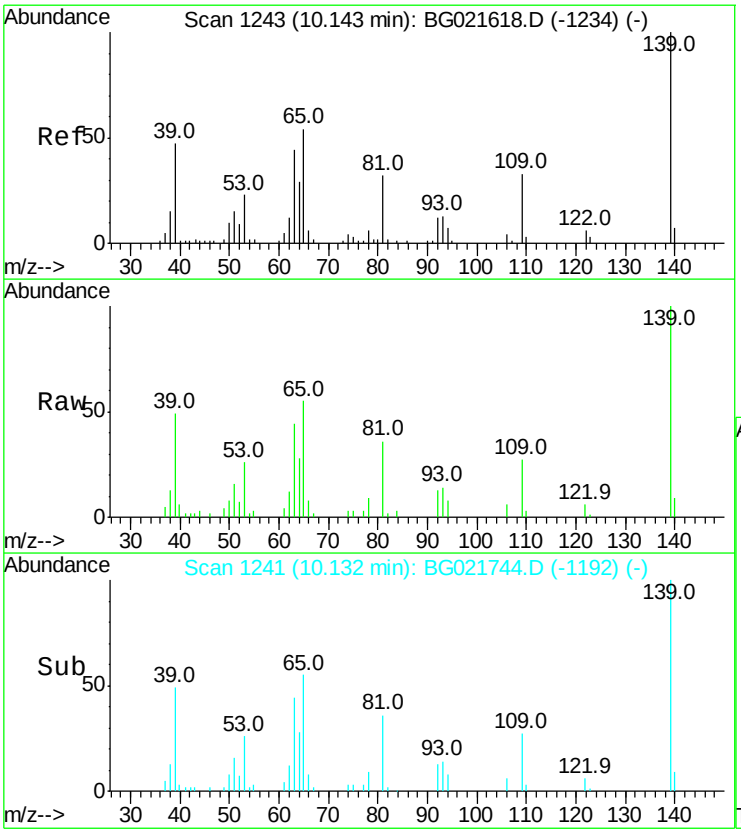

#25
Isophorone
Concen: 15.86 ng
RT: 9.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion: 82 Resp: 82780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 6.0 | 9.0 |
| 138 | 15.4 | 13.4 | 20.0 |

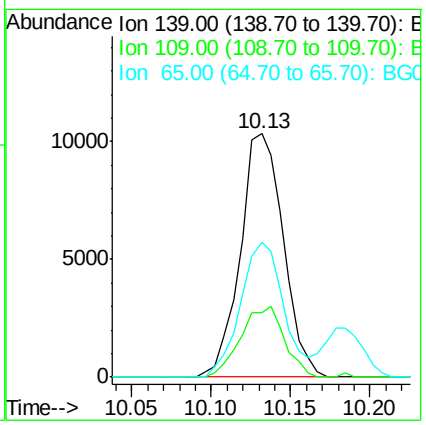


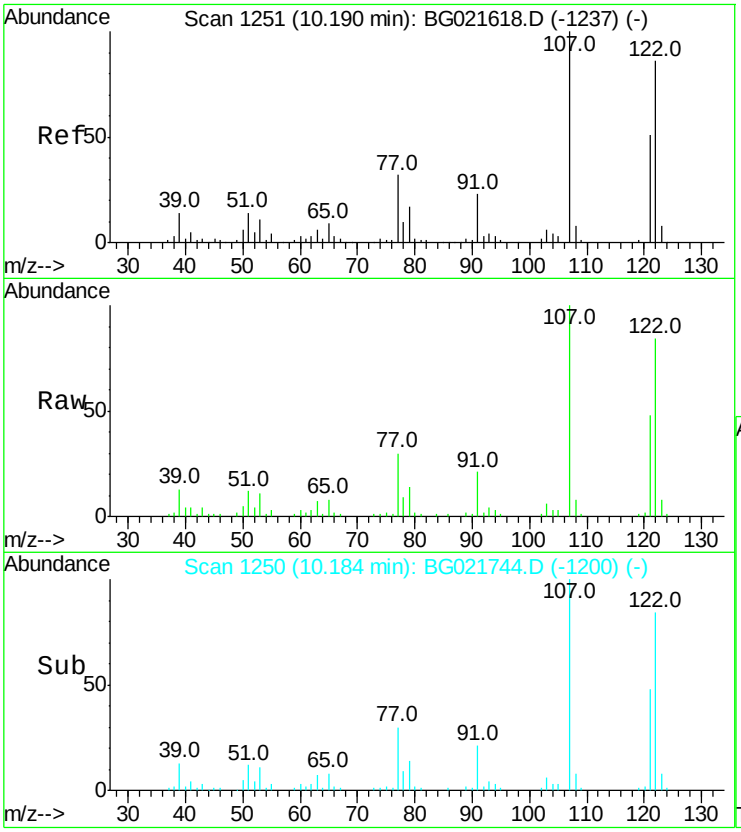




#26
2-Nitrophenol
Concen: 19.97 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:139 Resp: 19460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.6 | 26.6 | 40.0# |
| 65 | 55.3 | 45.3 | 67.9 |



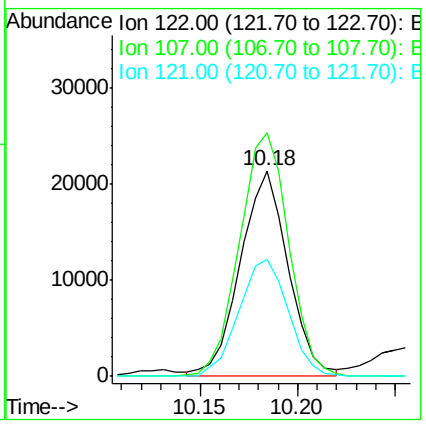


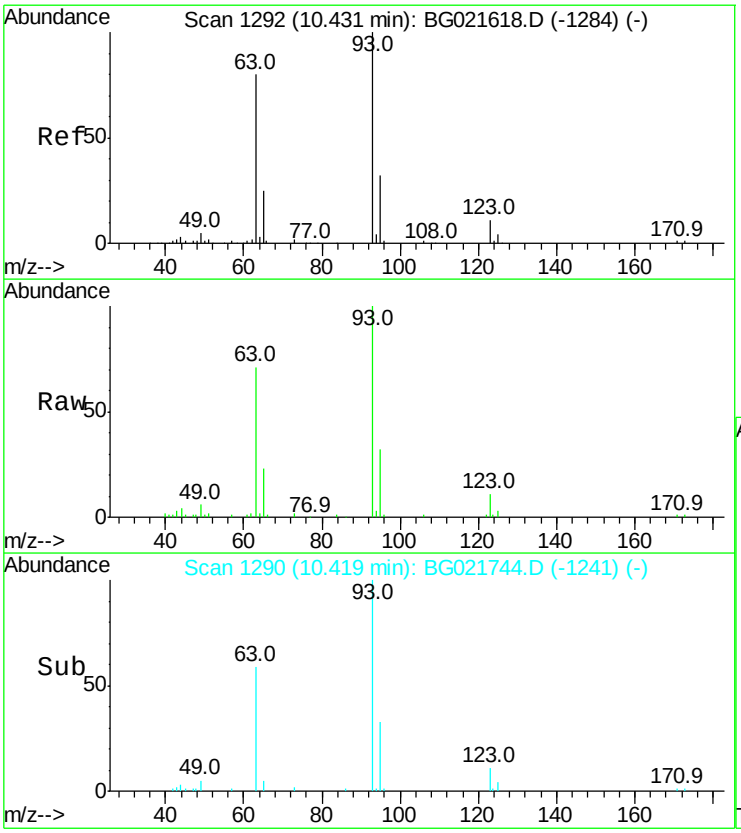

#27
2,4-Dimethylphenol
Concen: 16.39 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:122 Resp: 36281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 118.6 | 97.2 | 145.8 |
| 121 | 56.7 | 49.0 | 73.4 |

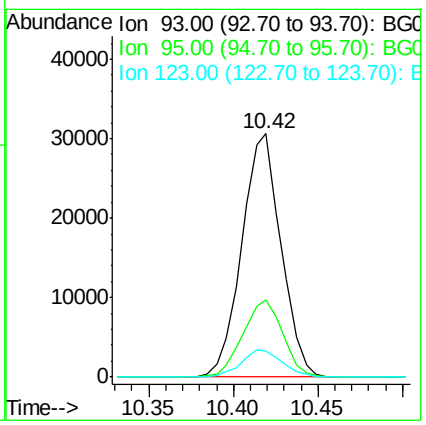


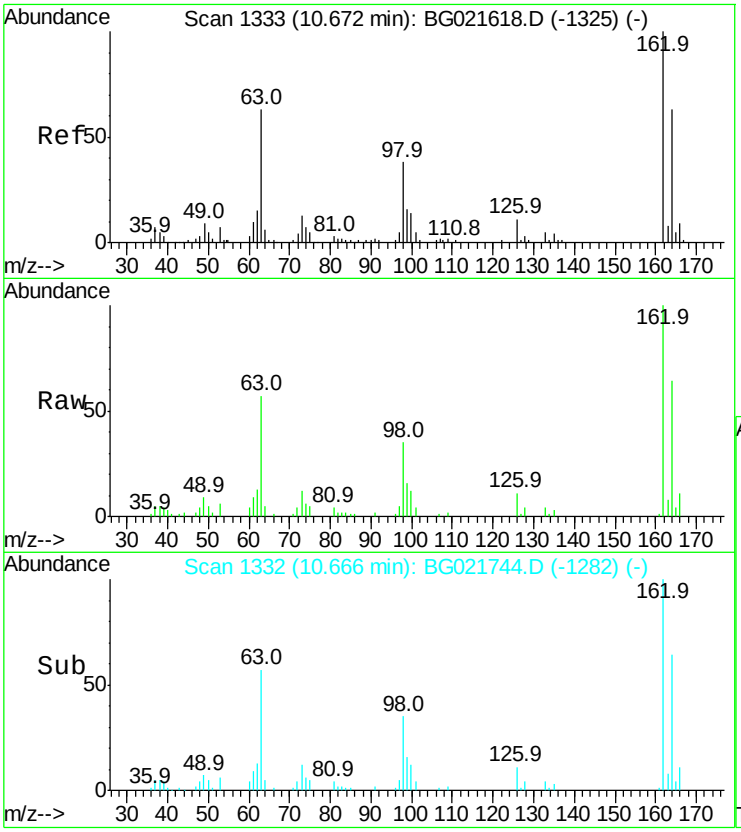




#28
bis(2-Chloroethoxy)methane
Concen: 17.75 ng
RT: 10.42 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion: 93 Resp: 49219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.9 | 30.1 | 45.1 |
| 123 | 10.9 | 10.2 | 15.4 |



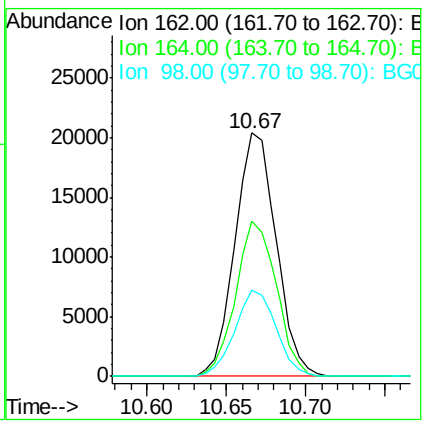


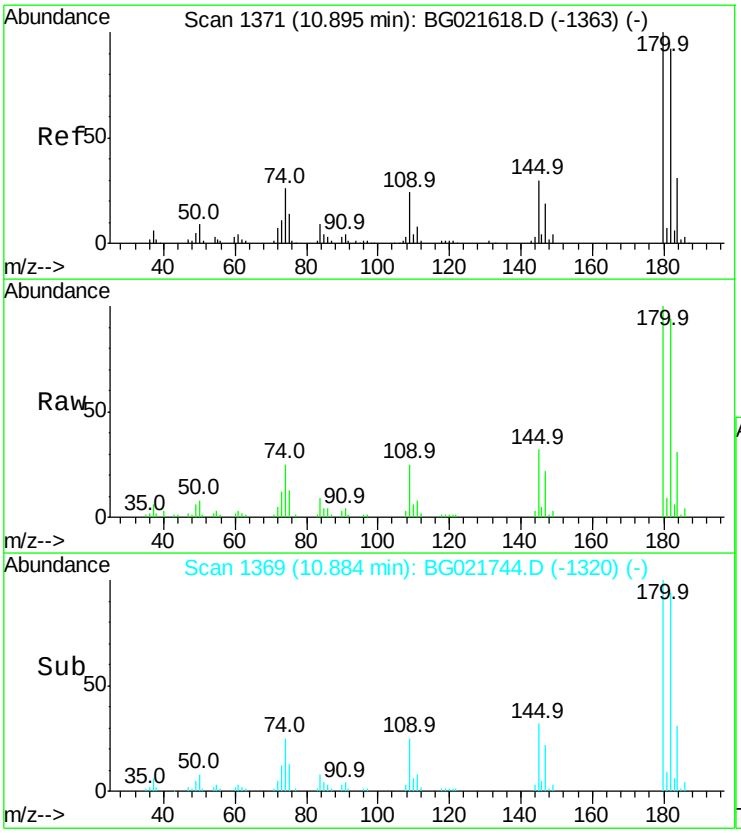

#29
2,4-Dichlorophenol
Concen: 19.50 ng
RT: 10.67 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:162 Resp: 36814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.7 | 44.9 | 84.9 |
| 98 | 35.2 | 19.2 | 59.2 |

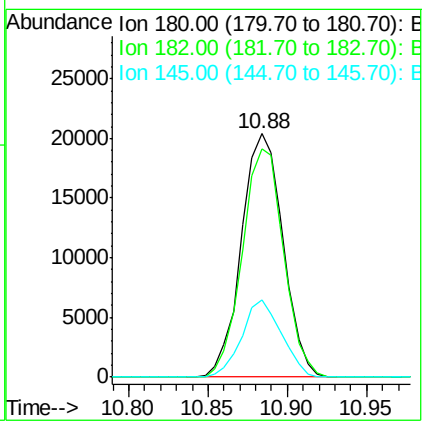


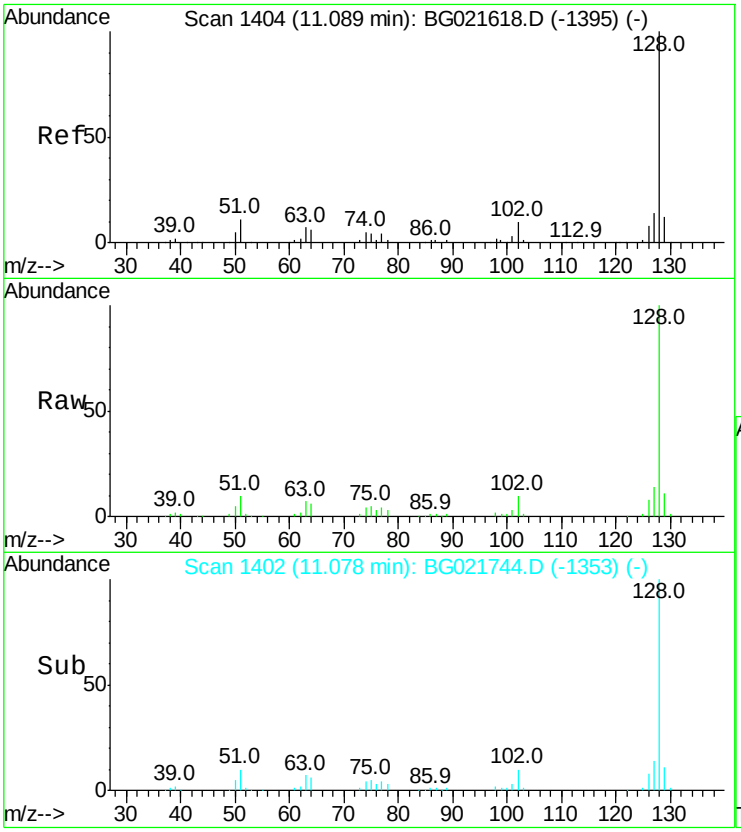




#30
1,2,4-Trichlorobenzene
Concen: 18.26 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:180 Resp: 37060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.6 | 82.3 | 123.5 |
| 145 | 31.9 | 24.4 | 36.6 |



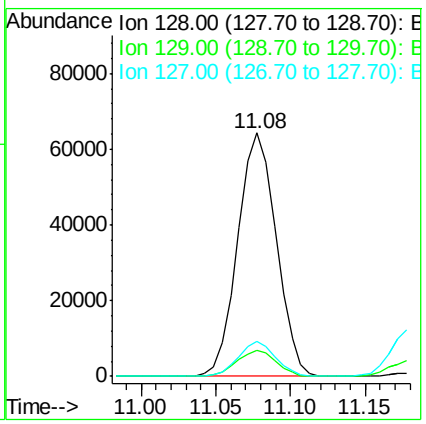


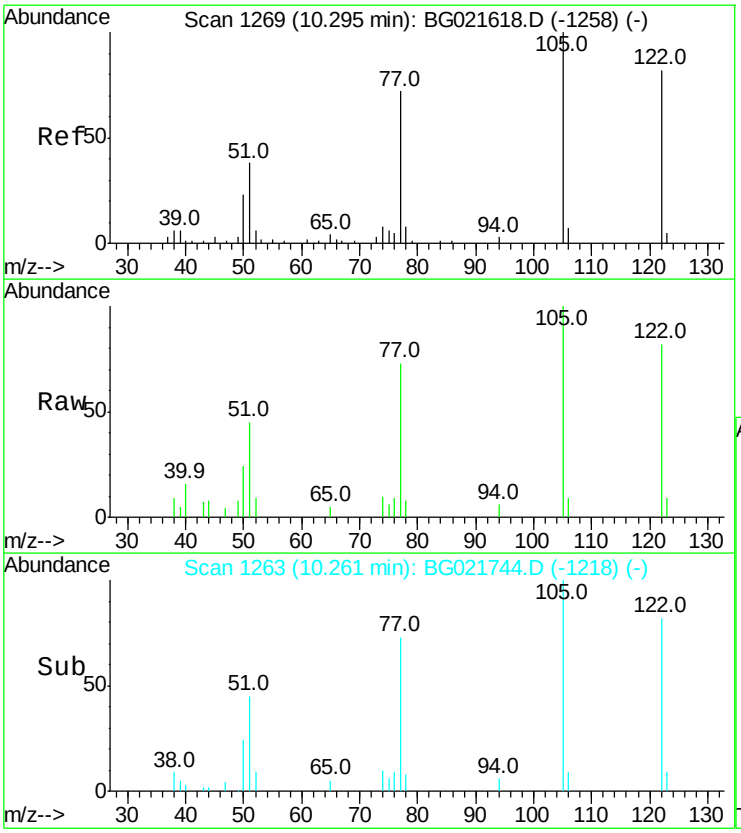

#31
Naphthalene
Concen: 17.57 ng
RT: 11.08 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:128 Resp: 115228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 7.0 | 10.6# |
| 127 | 14.4 | 10.1 | 15.1 |

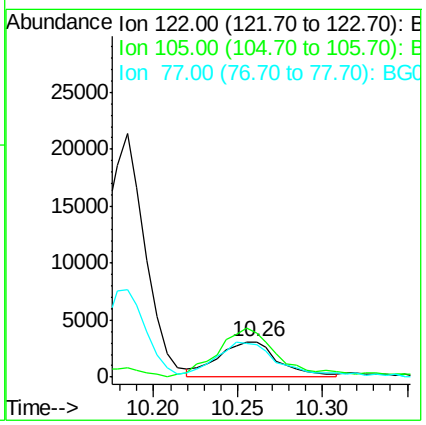


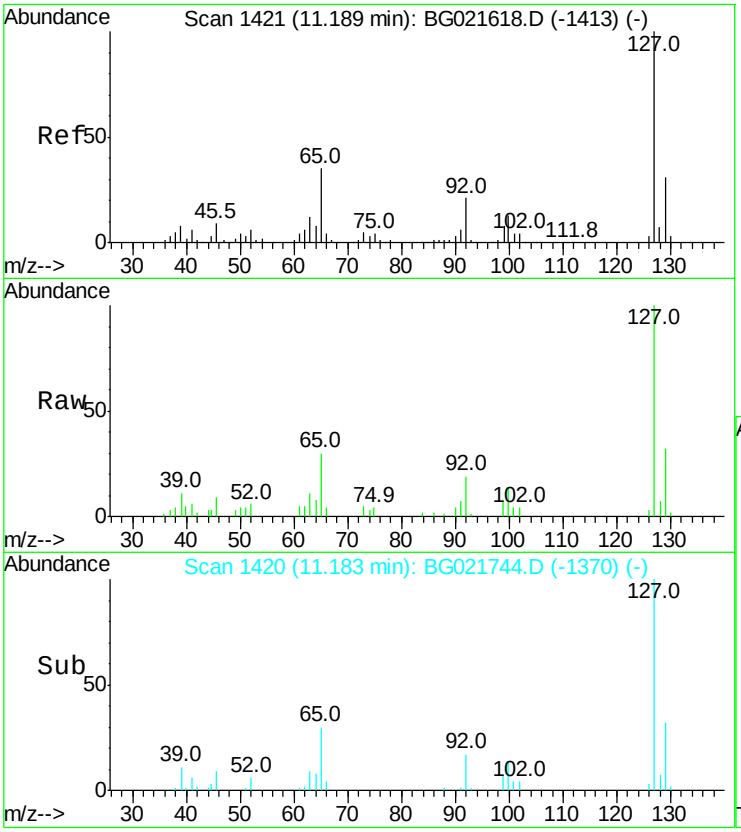




#32
Benzoic acid
Concen: 11.07 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:122 Resp: 7713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.6 | 104.5 | 144.5 |
| 77 | 89.7 | 79.9 | 119.9 |



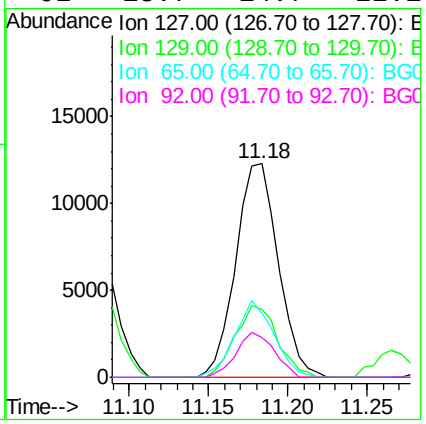


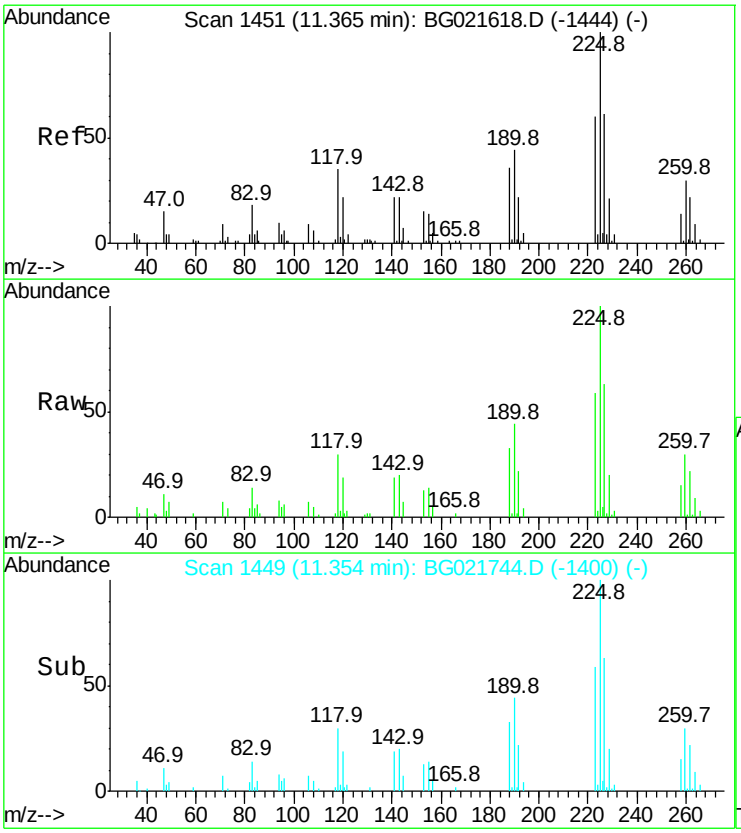

#33
4-Chloroaniline
Concen: 8.05 ng
RT: 11.18 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:127 Resp: 22851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.6 | 26.6 | 39.8 |
| 65 | 30.0 | 27.5 | 41.3 |
| 92 | 18.7 | 14.7 | 22.1 |

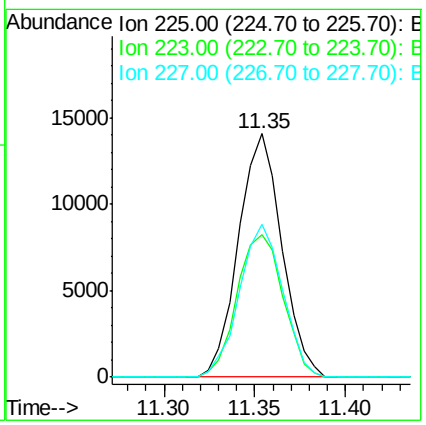


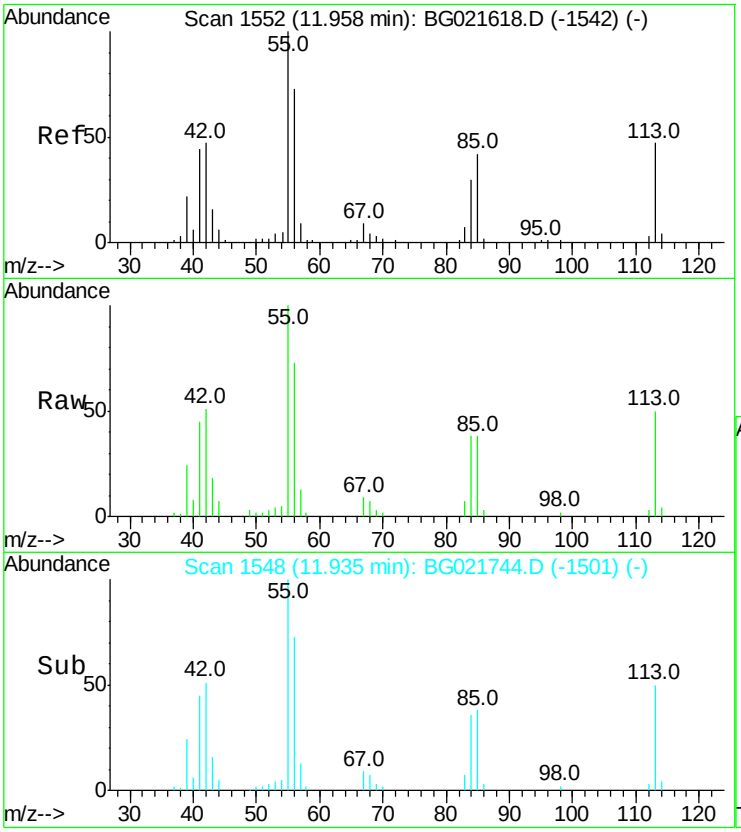




#34
Hexachlorobutadiene
Concen: 17.84 ng
RT: 11.35 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:225 Resp: 23355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.8 | 52.7 | 79.1 |
| 227 | 62.7 | 49.7 | 74.5 |



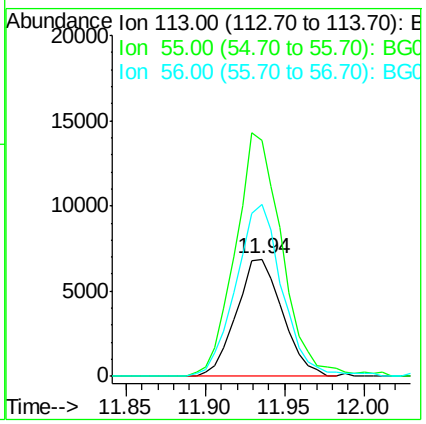


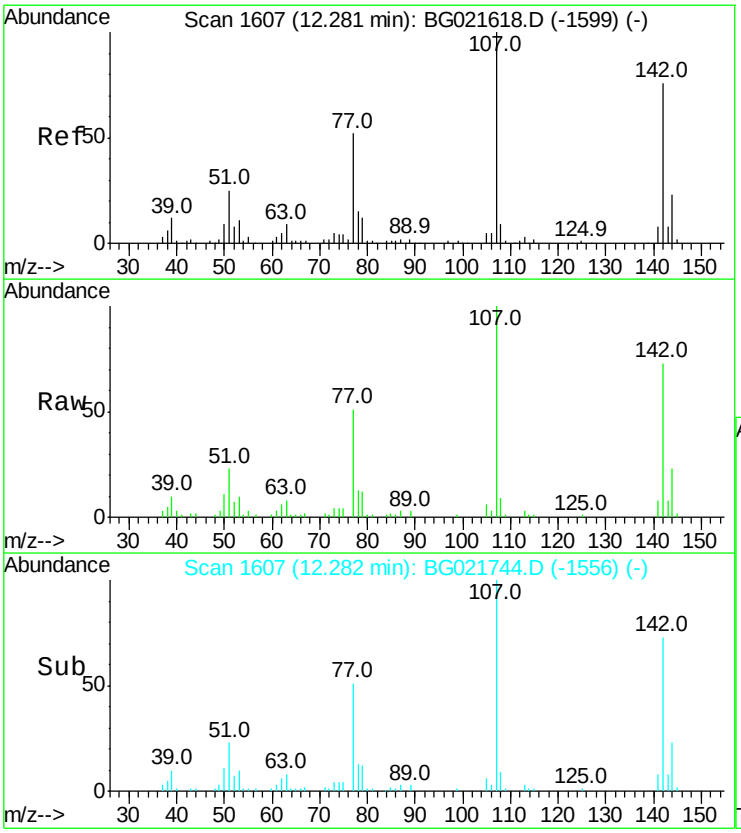

#35
Caprolactam
Concen: 16.06 ng
RT: 11.94 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:113 Resp: 13872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 201.6 | 194.2 | 234.2 |
| 56 | 146.7 | 122.6 | 162.6 |

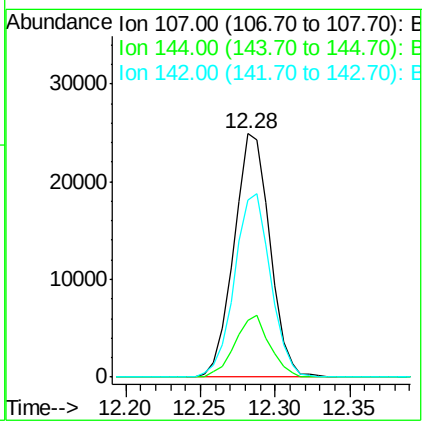


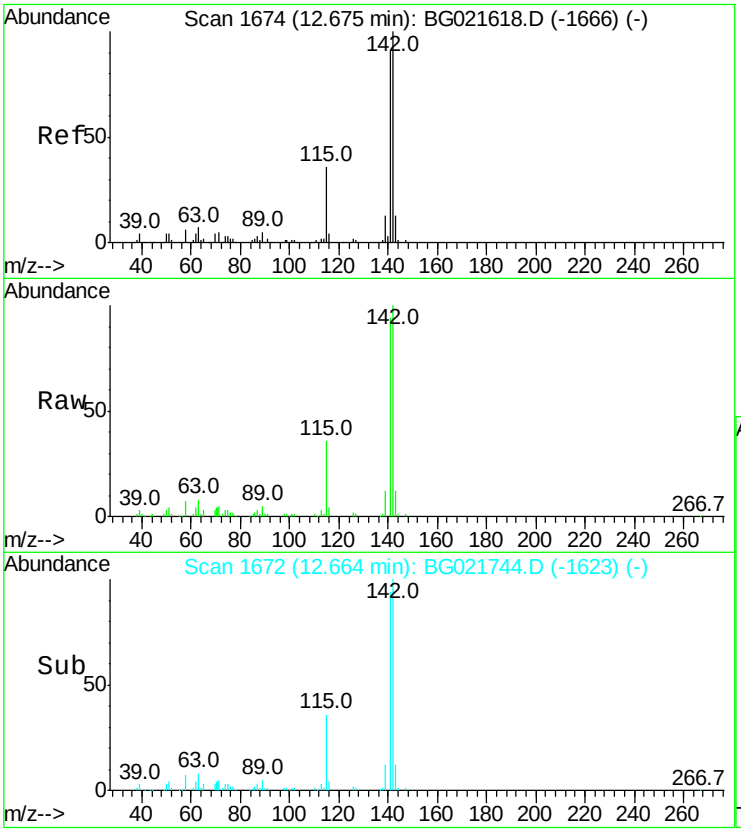




#36
4-Chloro-3-methylphenol
Concen: 17.56 ng
RT: 12.28 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:107 Resp: 41693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.5 | 19.2 | 28.8 |
| 142 | 72.6 | 59.1 | 88.7 |



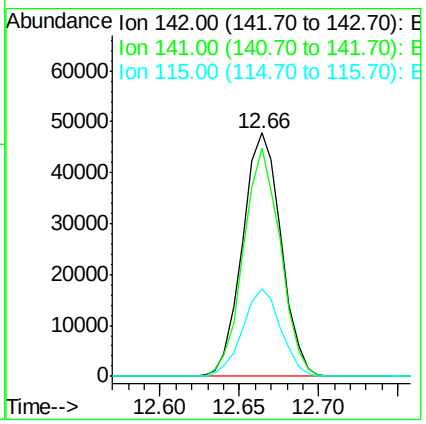


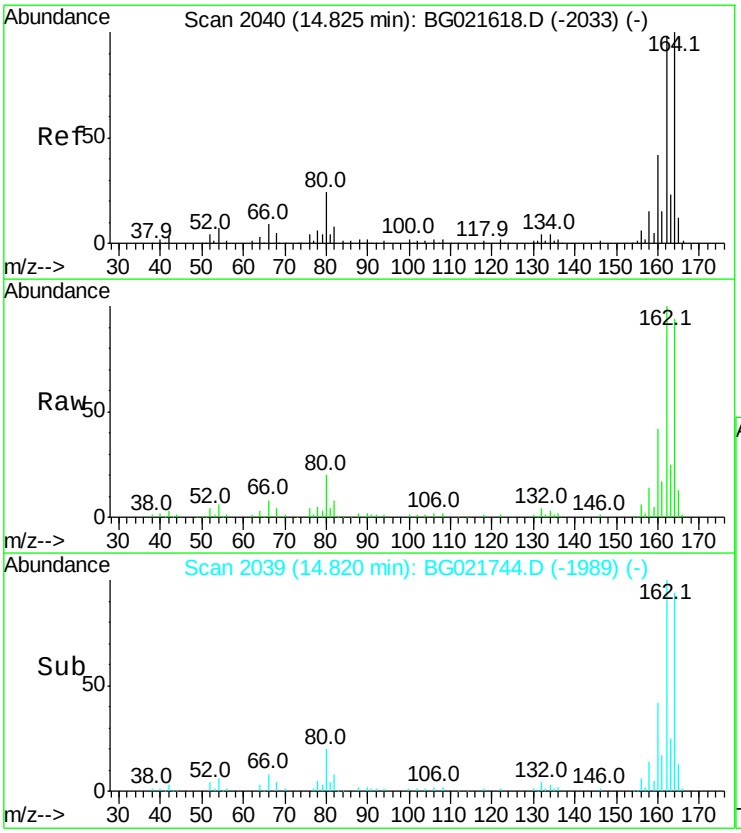

#37
2-Methylnaphthalene
Concen: 17.97 ng
RT: 12.66 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:142 Resp: 80916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 94.0 | 71.4 | 107.0 |
| 115 | 35.9 | 27.4 | 41.2 |

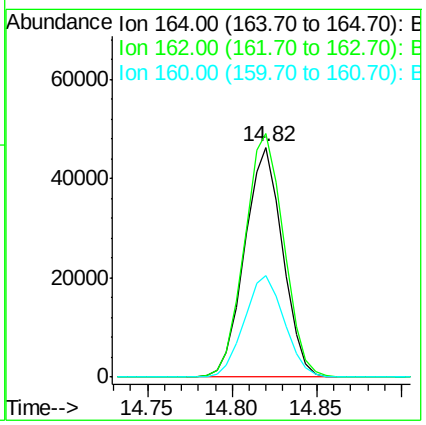


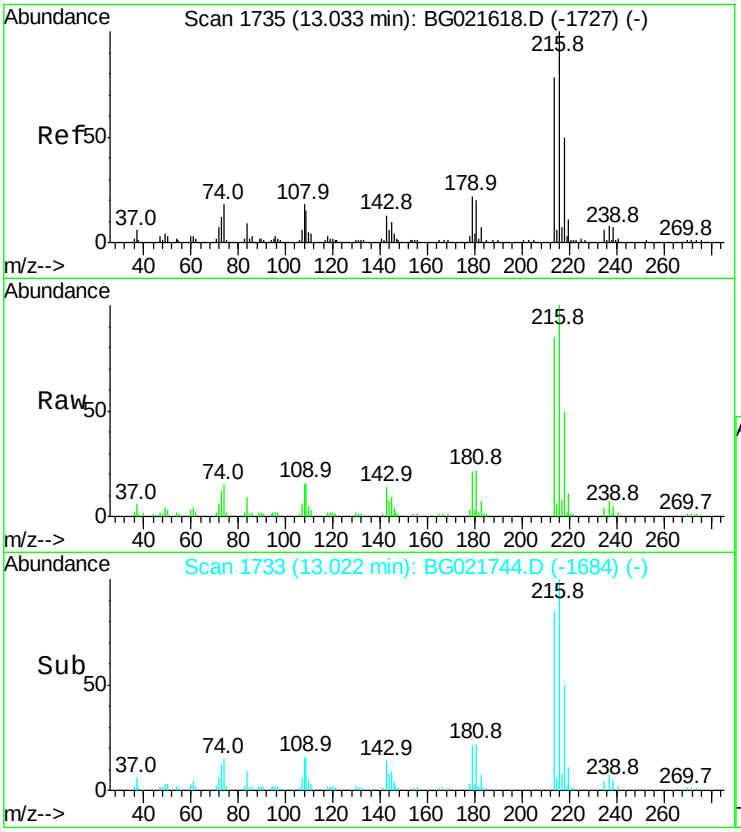




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:164 Resp: 72524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.9 | 78.0 | 117.0 |
| 160 | 44.1 | 32.9 | 49.3 |



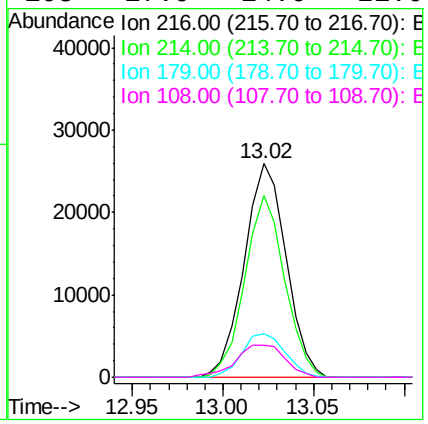


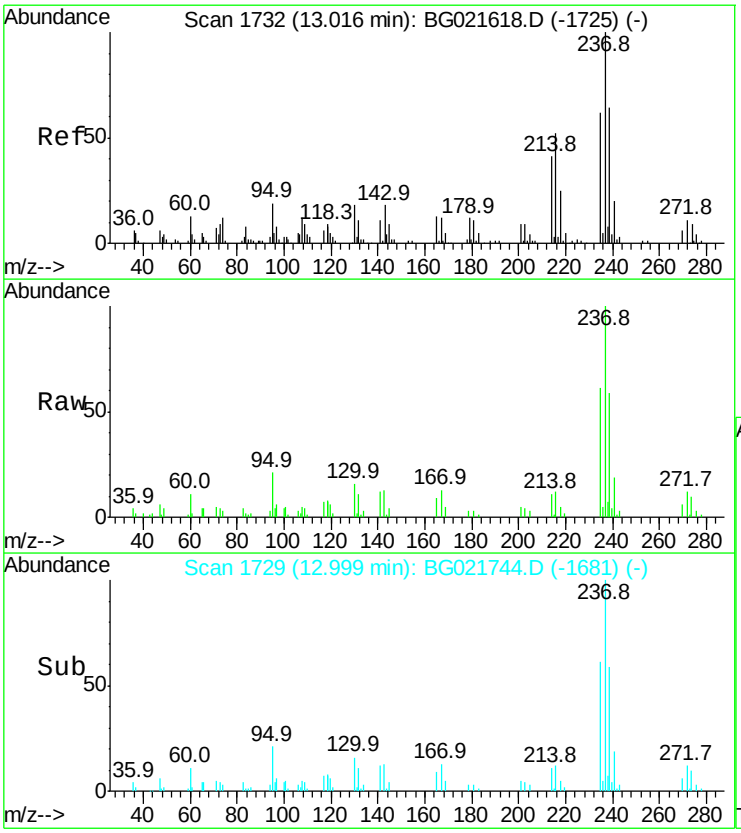

#39
1,2,4,5-Tetrachlorobenzene
Concen: 18.34 ng
RT: 13.02 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:216 Resp: 41560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 81.1 | 62.2 | 93.2 |
| 179 | 21.2 | 16.7 | 25.1 |
| 108 | 17.9 | 14.0 | 21.0 |

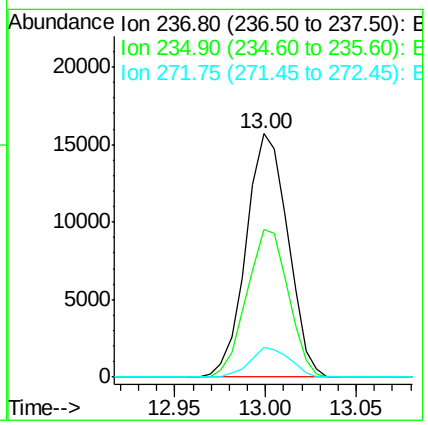


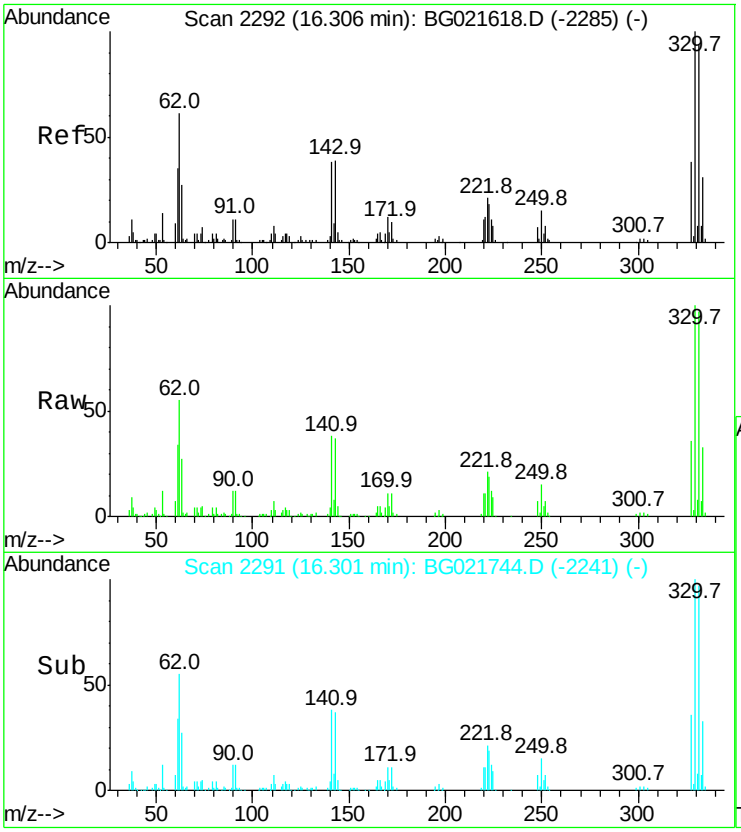




#40
Hexachlorocyclopentadiene
Concen: 19.94 ng
RT: 13.00 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:237 Resp: 25111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.7 | 43.2 | 83.2 |
| 272 | 12.3 | 0.0 | 33.4 |



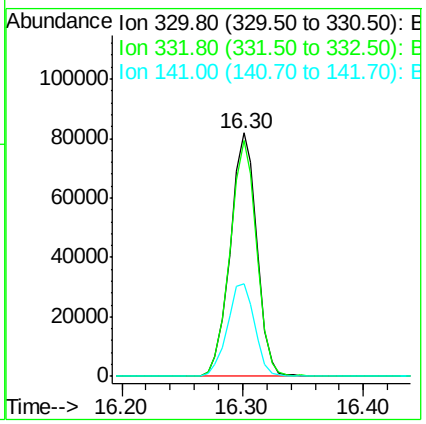


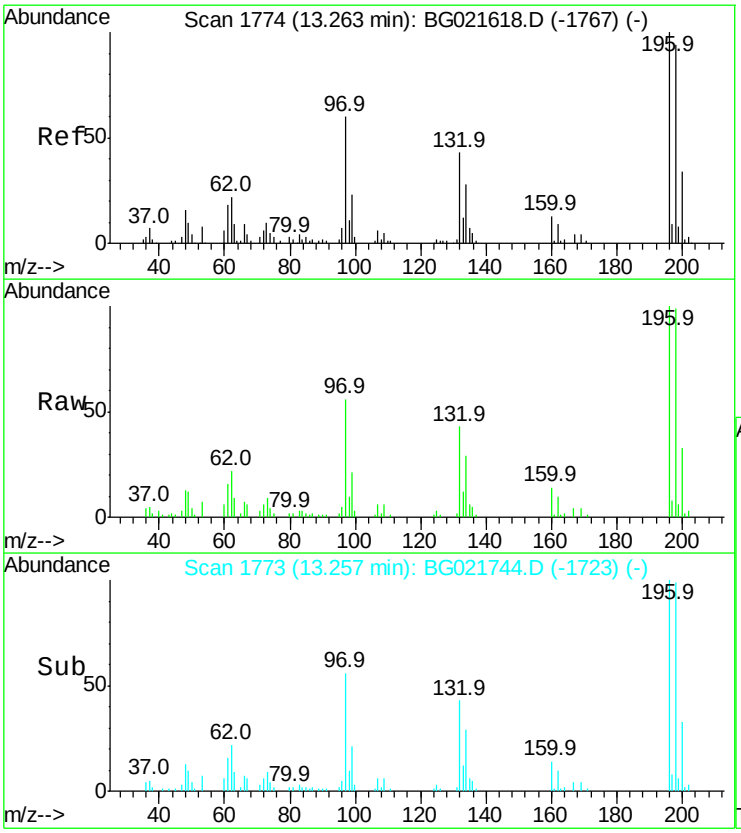

#41
2,4,6-Tribromophenol
Concen: 160.30 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:330 Resp: 125297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 78.0 | 117.0 |
| 141 | 38.9 | 33.8 | 50.8 |

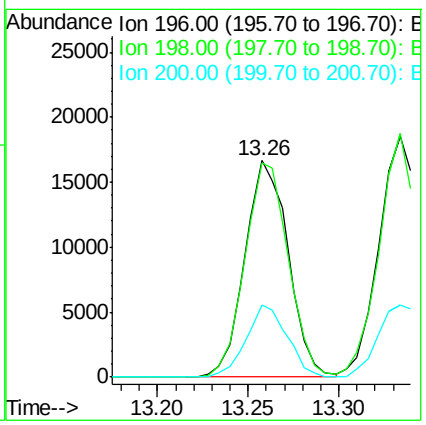


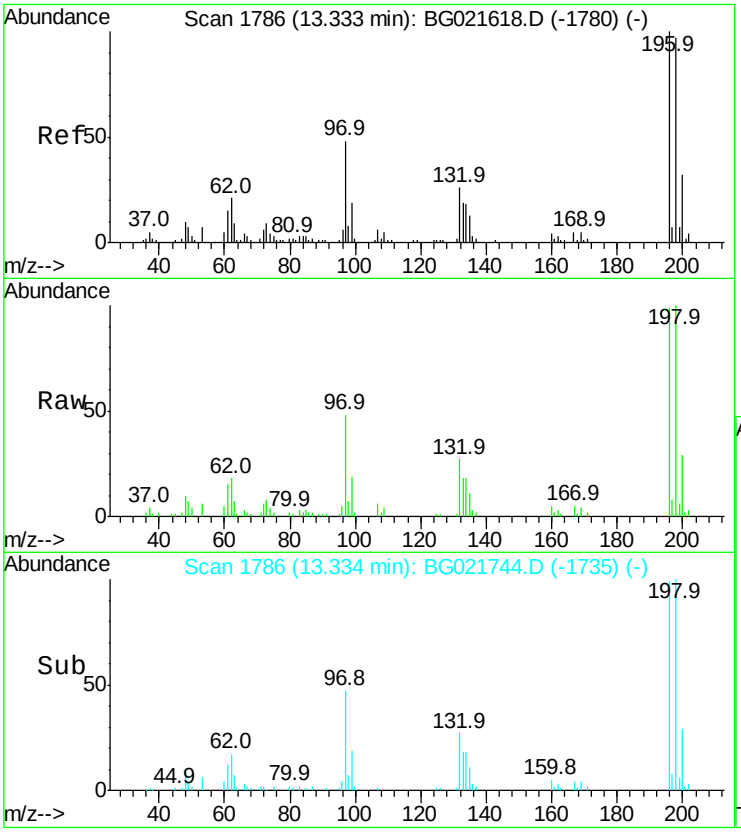




#42
2,4,6-Trichlorophenol
Concen: 19.14 ng
RT: 13.26 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:196 Resp: 27660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.1 | 80.1 | 120.1 |
| 200 | 33.3 | 24.1 | 36.1 |



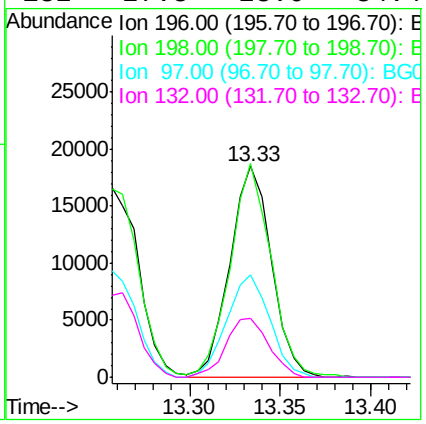


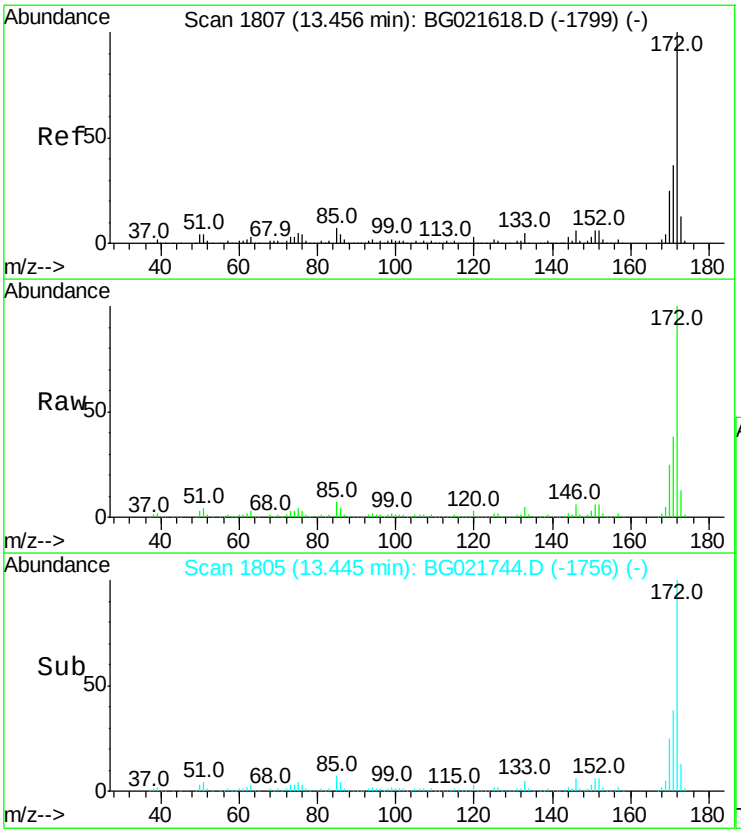

#43
2,4,5-Trichlorophenol
Concen: 18.96 ng
RT: 13.33 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:196 Resp: 29563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.2 | 78.0 | 117.0 |
| 97 | 48.8 | 43.0 | 64.6 |
| 132 | 27.8 | 23.0 | 34.4 |

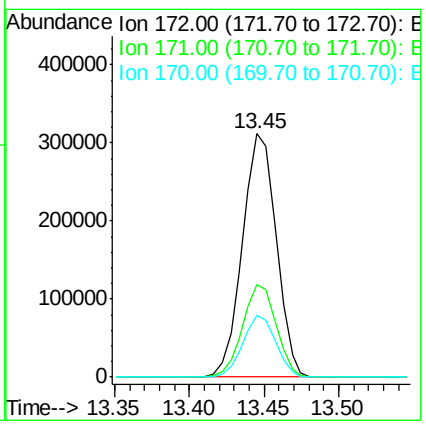


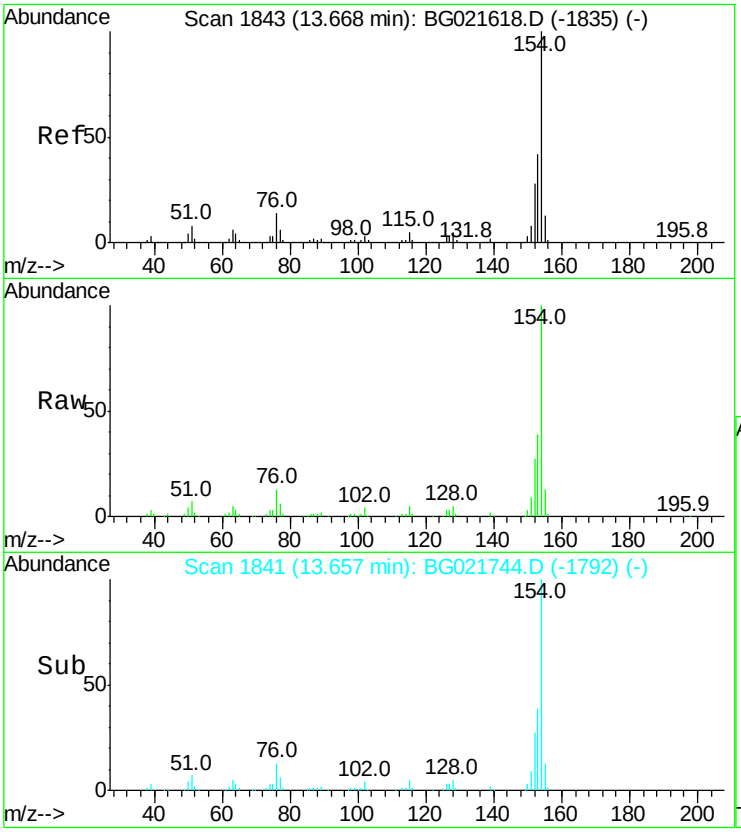




#44
2-Fluorobiphenyl
Concen: 98.34 ng
RT: 13.45 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:172 Resp: 486769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.9 | 27.8 | 41.6 |
| 170 | 25.4 | 19.6 | 29.4 |



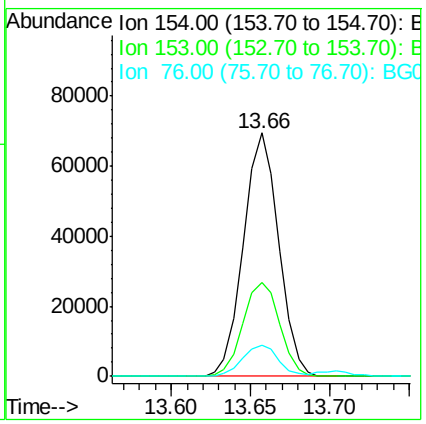


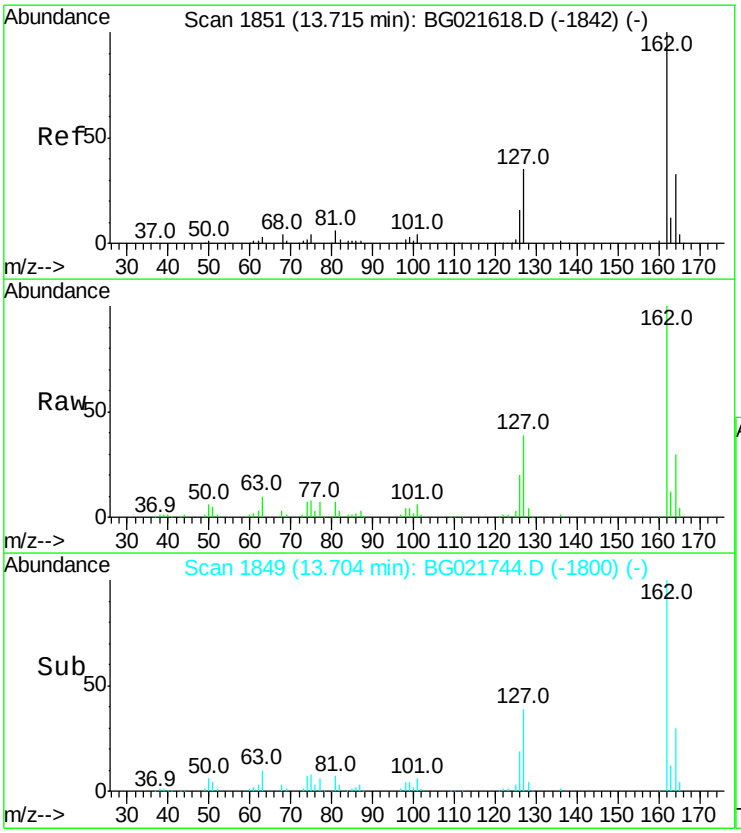

#45
1,1'-Biphenyl
Concen: 17.54 ng
RT: 13.66 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:154 Resp: 107178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 38.7 | 19.7 | 59.7 |
| 76 | 12.9 | 0.0 | 33.0 |

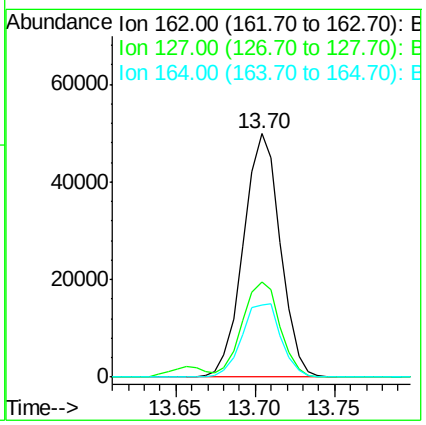


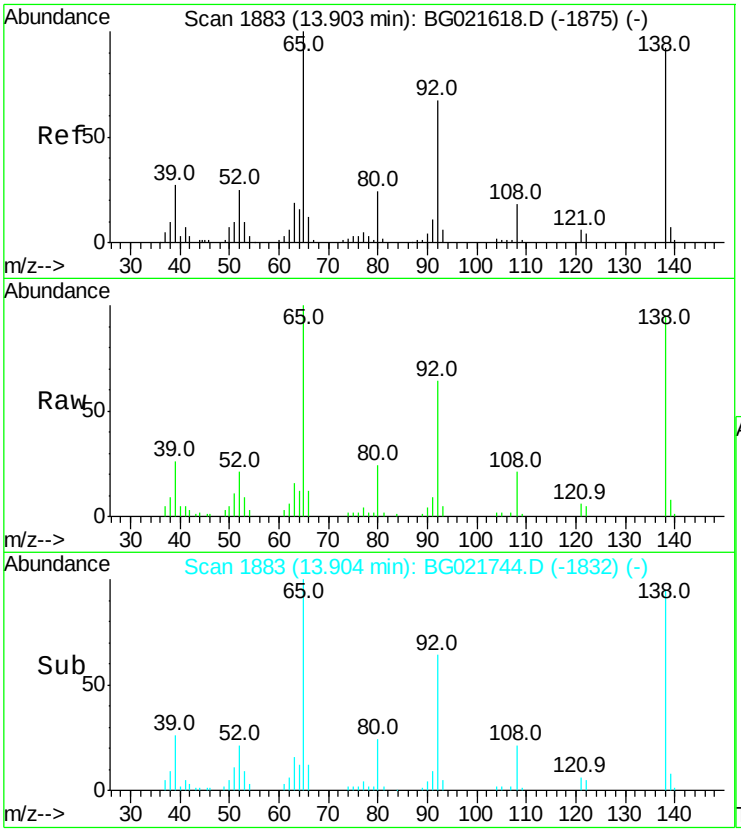




#46
2-Chloronaphthalene
Concen: 17.87 ng
RT: 13.70 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:162 Resp: 80744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.8 | 32.0 | 48.0 |
| 164 | 29.7 | 27.0 | 40.4 |



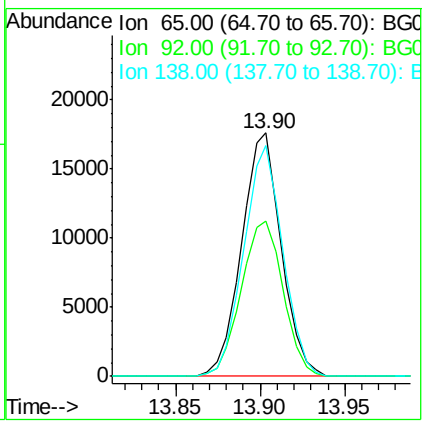


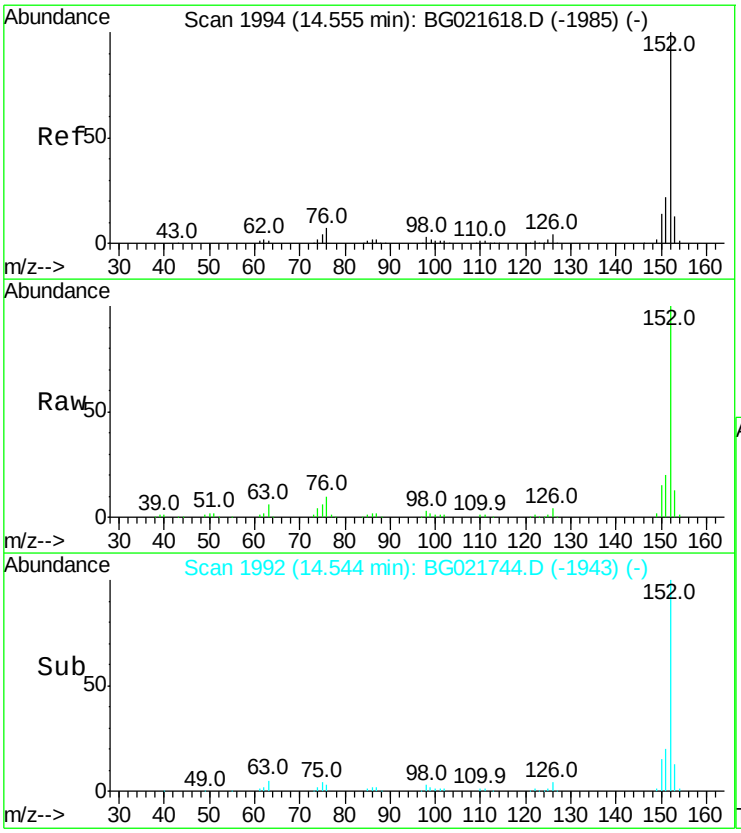

#47
2-Nitroaniline
Concen: 18.49 ng
RT: 13.90 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion: 65 Resp: 28648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 63.6 | 49.2 | 73.8 |
| 138 | 94.8 | 75.0 | 112.6 |

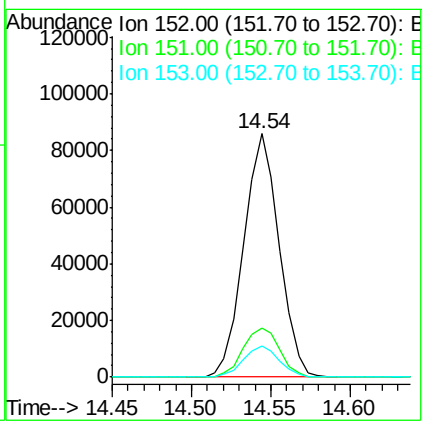


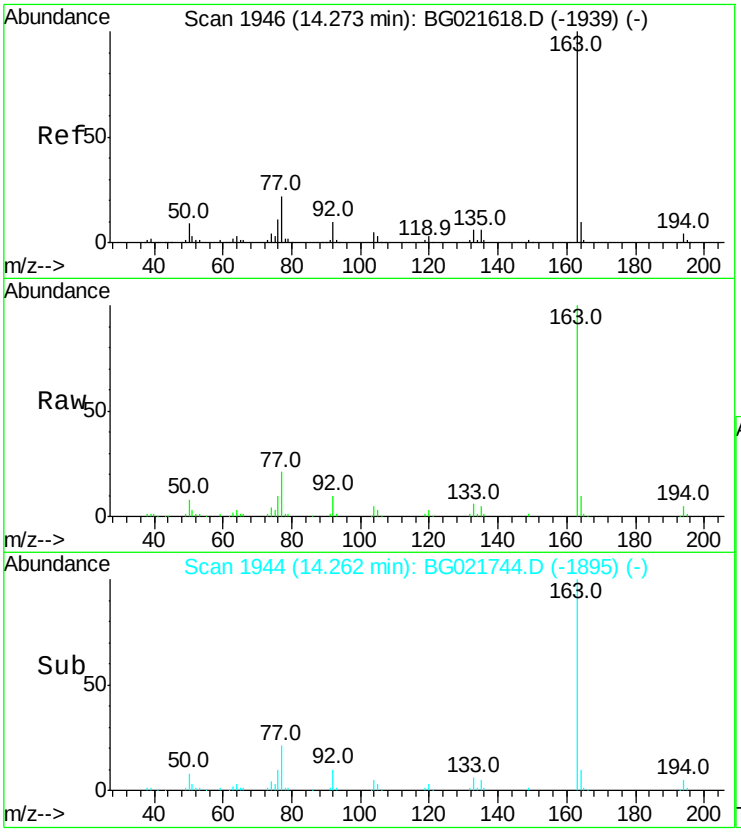




#48
Acenaphthylene
Concen: 17.77 ng
RT: 14.54 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:152 Resp: 132686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.6 | 24.8 |
| 153 | 13.0 | 10.2 | 15.2 |



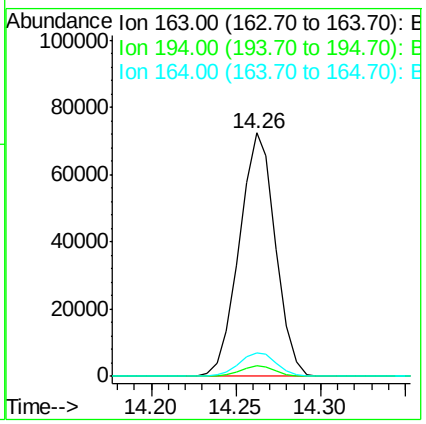


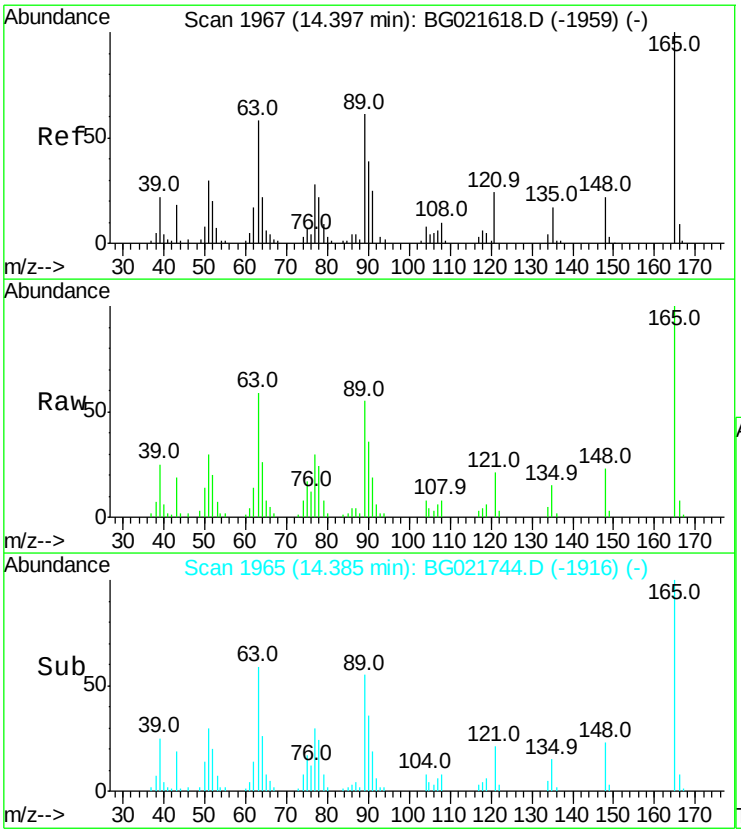

#49
Dimethylphthalate
Concen: 17.14 ng
RT: 14.26 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:163 Resp: 107482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 3.0 | 4.6# |
| 164 | 9.9 | 8.1 | 12.1 |

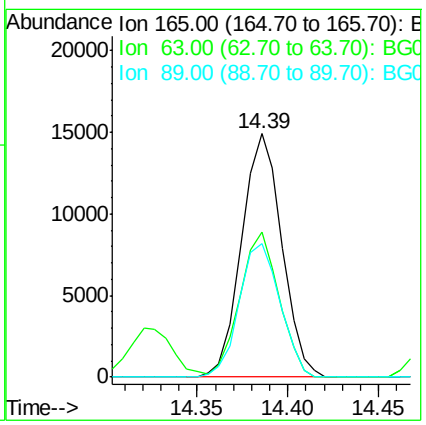


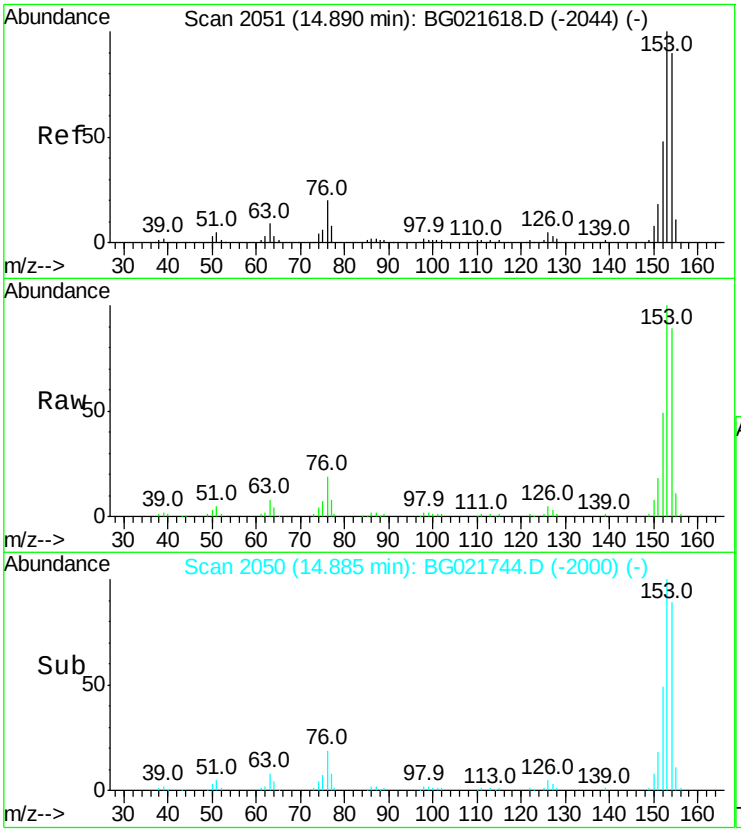




#50
2,6-Dinitrotoluene
Concen: 19.21 ng
RT: 14.39 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:165 Resp: 22965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.5 | 48.2 | 72.4 |
| 89 | 54.6 | 45.3 | 67.9 |



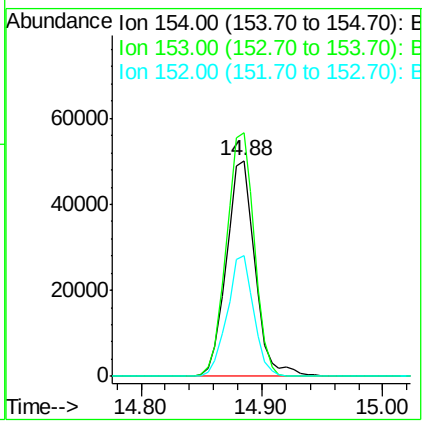


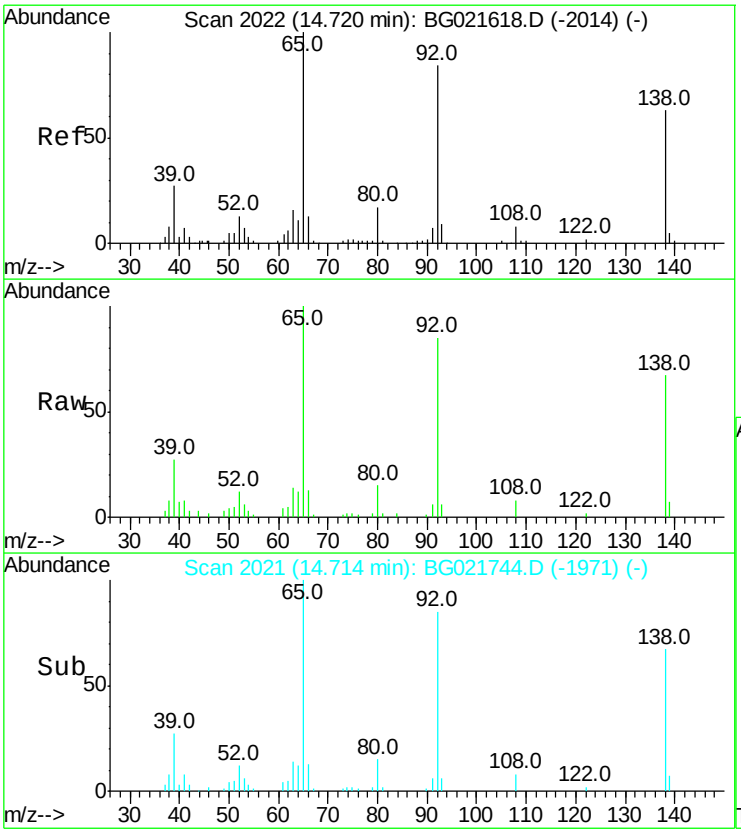

#51
Acenaphthene
Concen: 17.29 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:154 Resp: 82547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.7 | 91.9 | 137.9 |
| 152 | 55.7 | 42.0 | 63.0 |

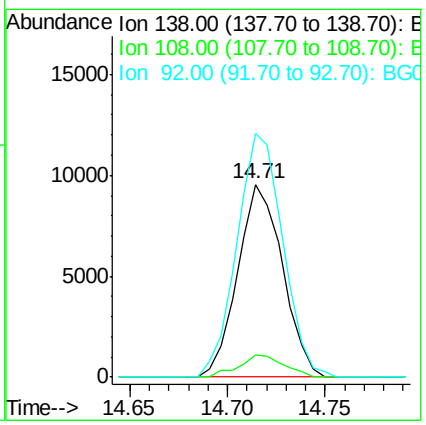


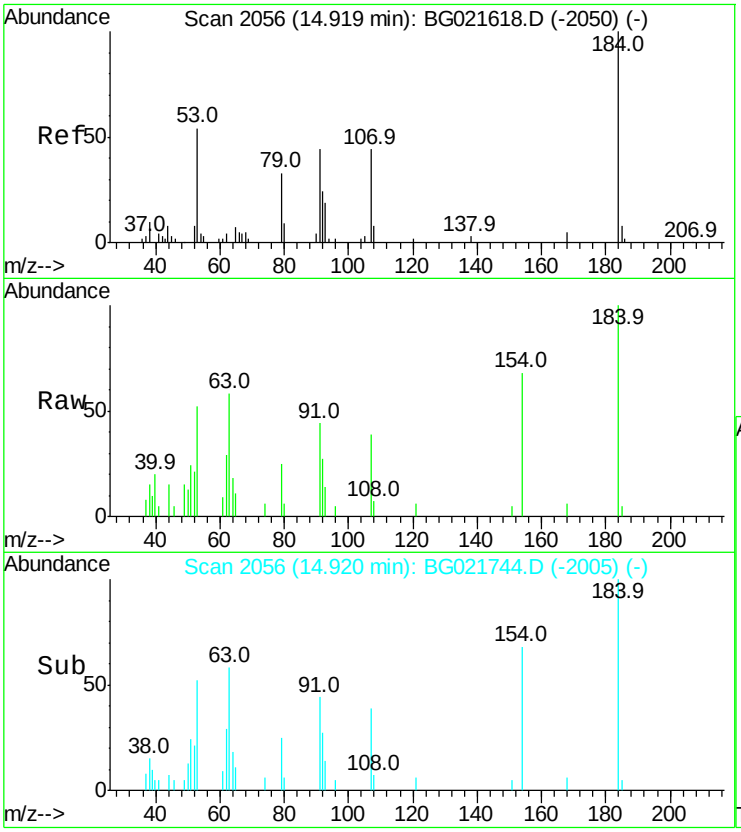




#52
3-Nitroaniline
Concen: 11.44 ng
RT: 14.71 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:138 Resp: 15170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.5 | 9.1 | 13.7 |
| 92 | 126.3 | 102.6 | 154.0 |



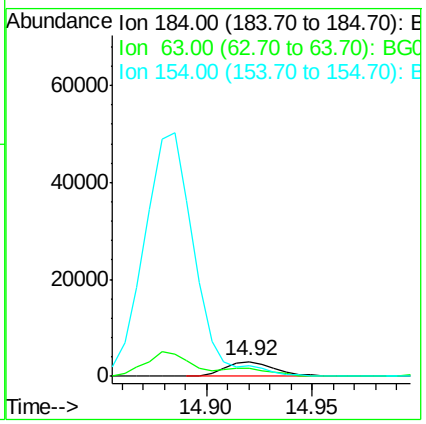


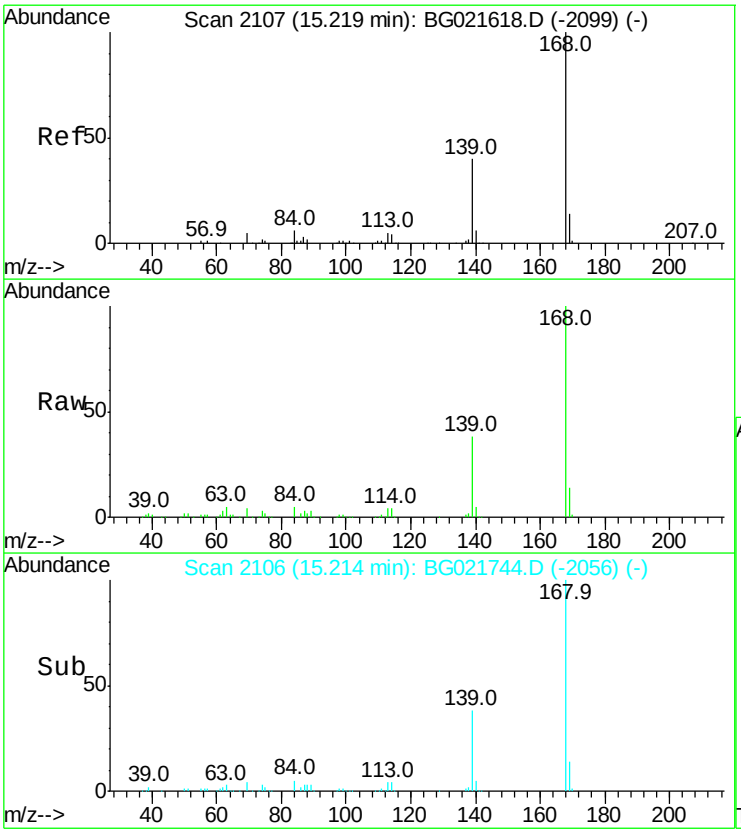

#53
2,4-Dinitrophenol
Concen: 17.04 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:184 Resp: 4861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.6 | 57.3 | 85.9 |
| 154 | 67.6 | 55.2 | 82.8 |

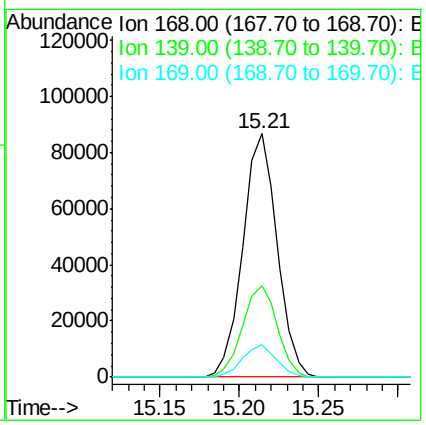


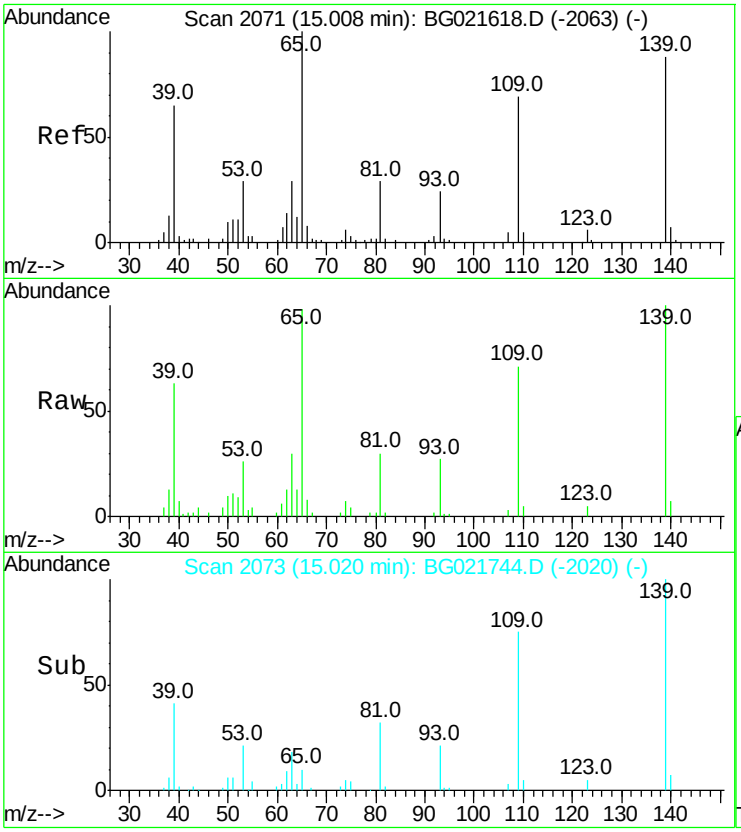




#54
Dibenzofuran
Concen: 19.93 ng
RT: 15.21 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:168 Resp: 129934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.6 | 31.1 | 46.7 |
| 169 | 13.5 | 11.0 | 16.6 |



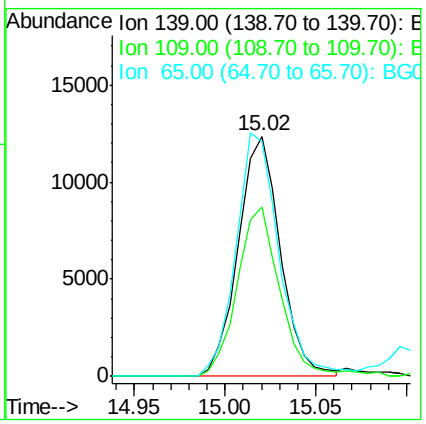


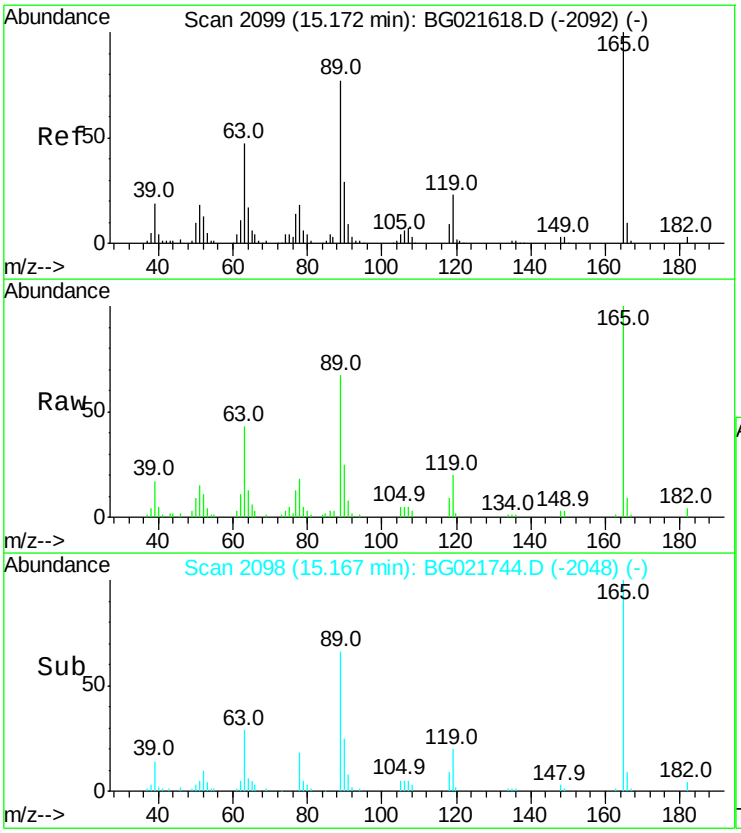

#55
4-Nitrophenol
Concen: 17.63 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:139 Resp: 20013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 70.9 | 49.2 | 89.2 |
| 65 | 97.9 | 83.2 | 123.2 |

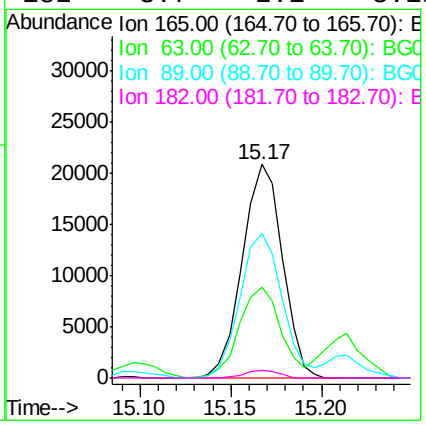


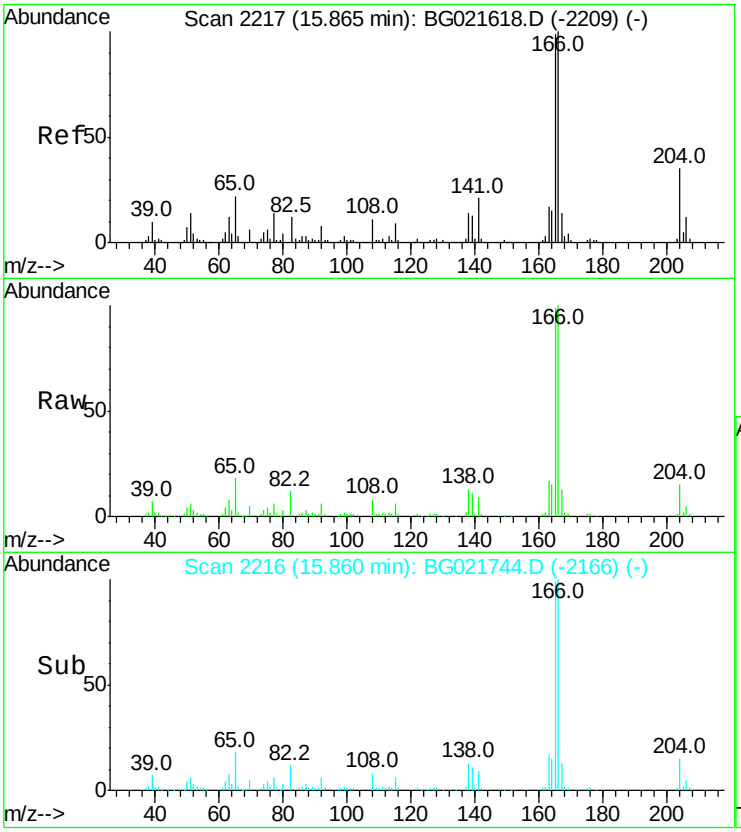




#56
2,4-Dinitrotoluene
Concen: 19.87 ng
RT: 15.17 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:165 Resp: 32115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.9 | 37.4 | 56.0 |
| 89 | 67.5 | 59.4 | 89.0 |
| 182 | 3.7 | 2.1 | 3.1# |



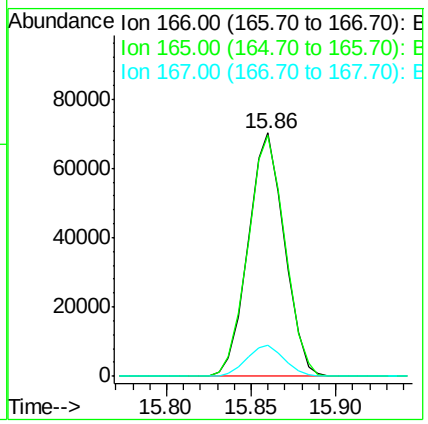


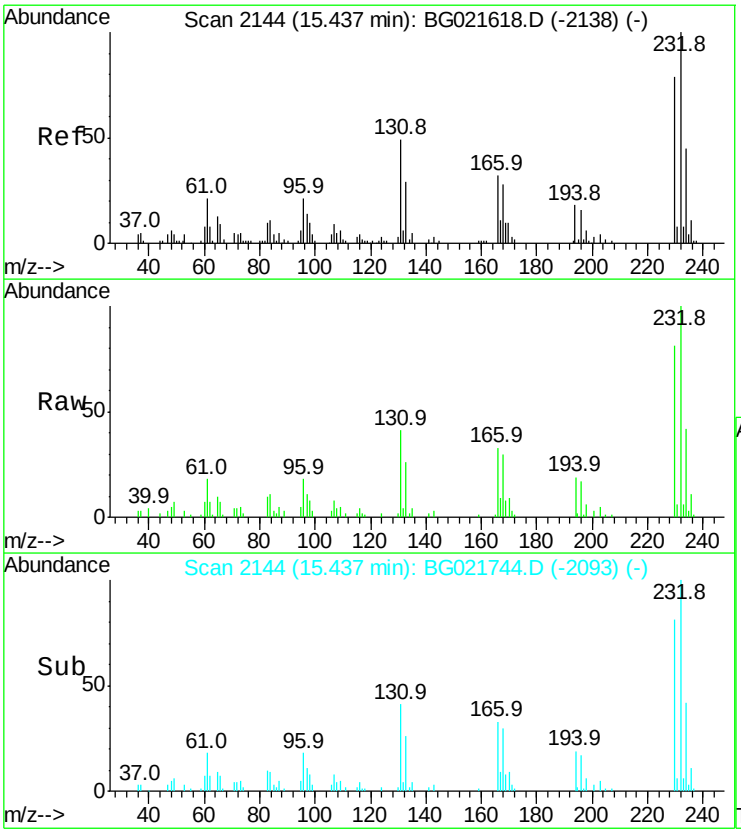

#57
Fluorene
Concen: 17.95 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:166 Resp: 104493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.2 | 79.0 | 118.4 |
| 167 | 12.9 | 10.7 | 16.1 |

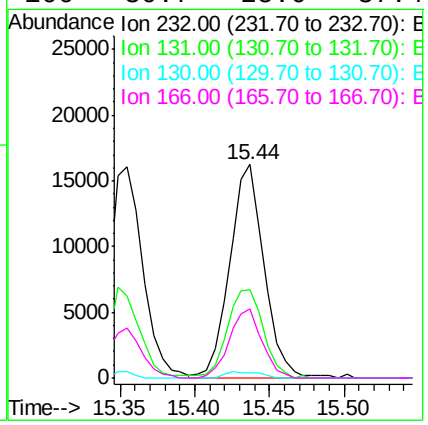


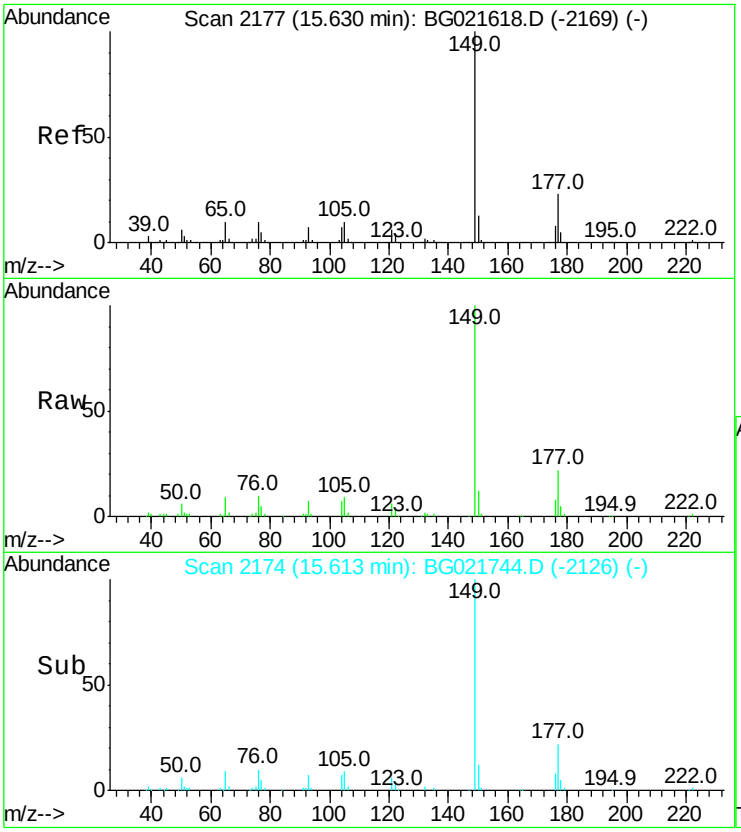




#58
2,3,4,6-Tetrachlorophenol
Concen: 20.21 ng
RT: 15.44 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:232 Resp: 26152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.3 | 36.3 | 54.5 |
| 130 | 2.9 | 1.9 | 2.9# |
| 166 | 30.7 | 25.0 | 37.4 |



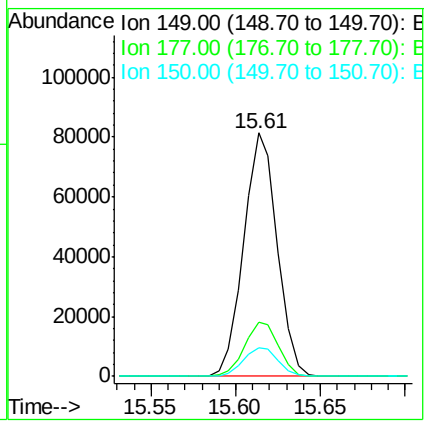


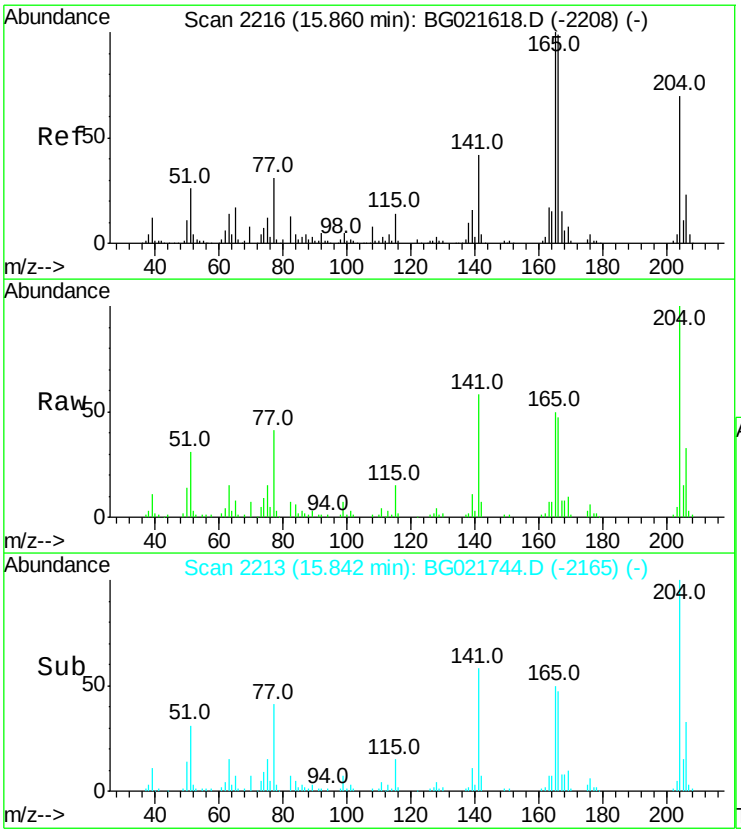

#59
Diethylphthalate
Concen: 17.09 ng
RT: 15.61 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:149 Resp: 111823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.4 | 17.3 | 25.9 |
| 150 | 11.8 | 9.7 | 14.5 |

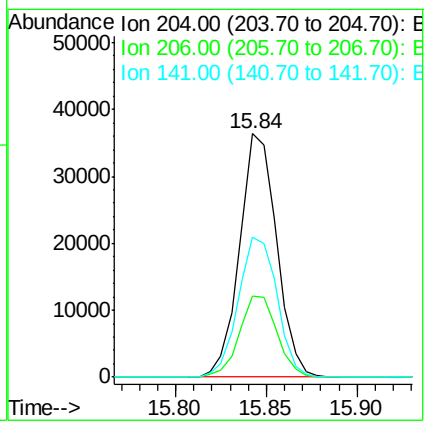


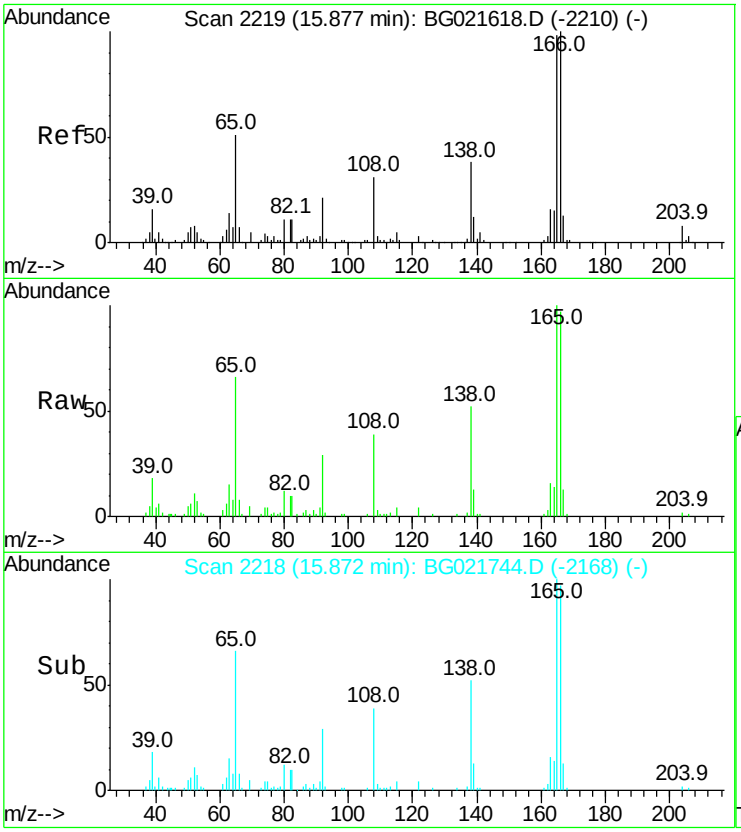




#60
4-Chlorophenyl-phenylether
Concen: 17.99 ng
RT: 15.84 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:204 Resp: 51593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 27.8 | 41.8 |
| 141 | 57.6 | 51.0 | 76.4 |



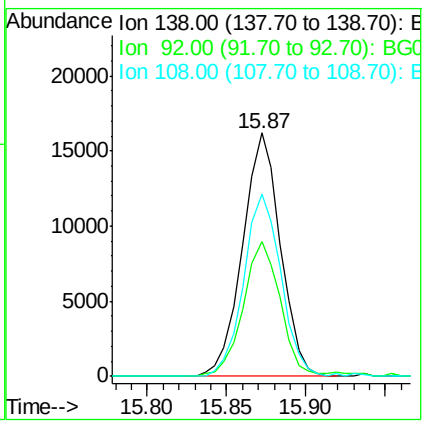


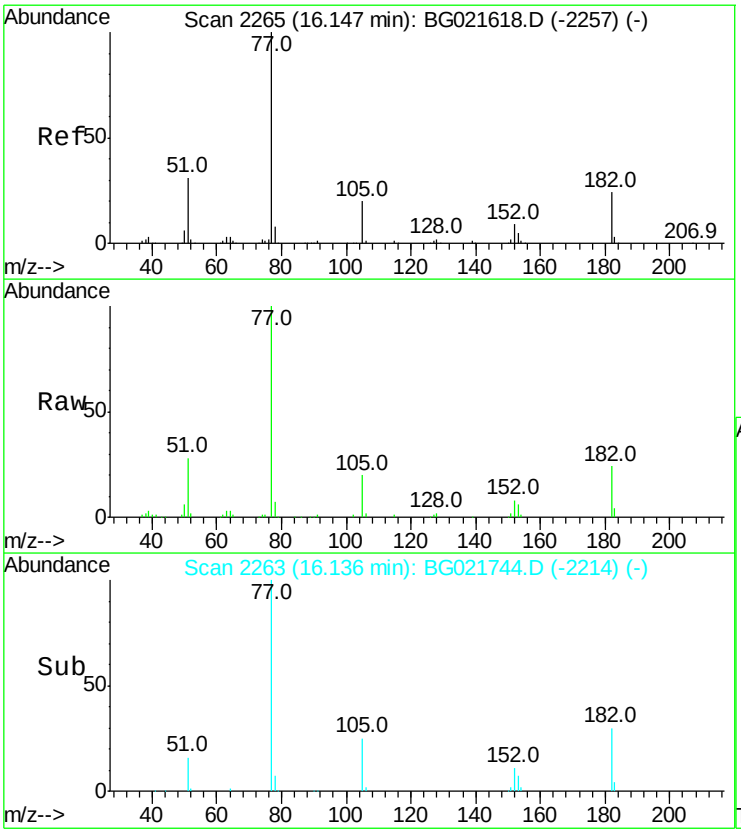

#61
4-Nitroaniline
Concen: 18.41 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:138 Resp: 26864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 55.3 | 37.7 | 77.7 |
| 108 | 74.9 | 59.4 | 99.4 |

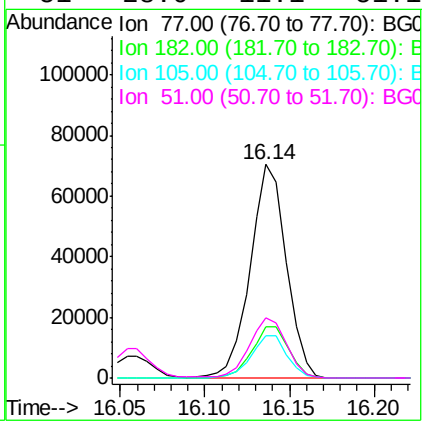


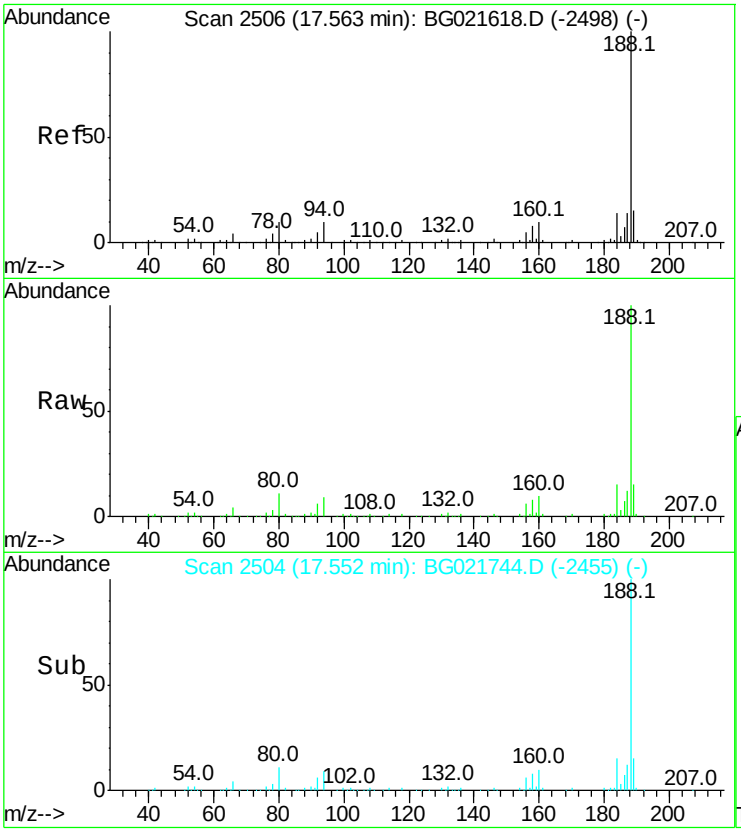




#62
Azobenzene
Concen: 18.57 ng
RT: 16.14 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion: 77 Resp: 104156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.2 | 4.1 | 44.1 |
| 105 | 20.0 | 0.0 | 39.8 |
| 51 | 28.0 | 11.1 | 51.1 |



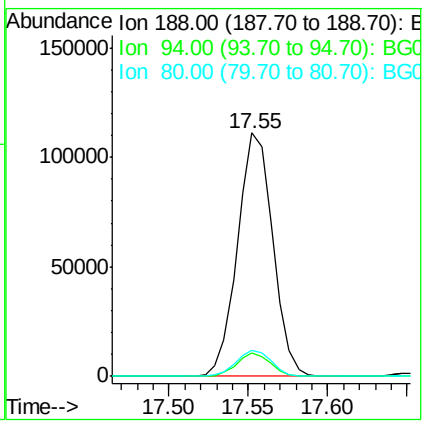


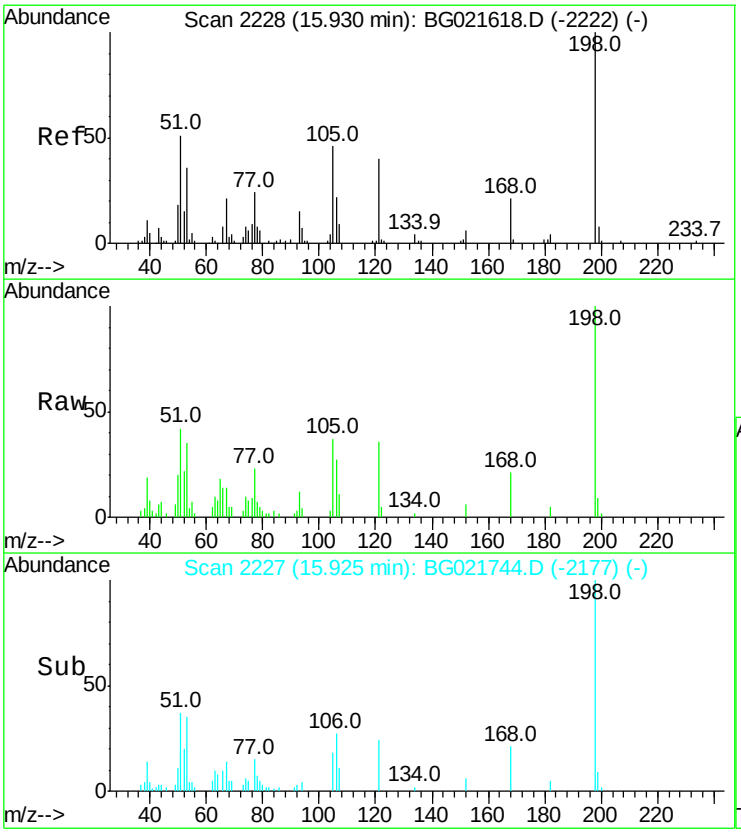

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:188 Resp: 171541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 7.5 | 11.3 |
| 80 | 10.9 | 8.6 | 13.0 |

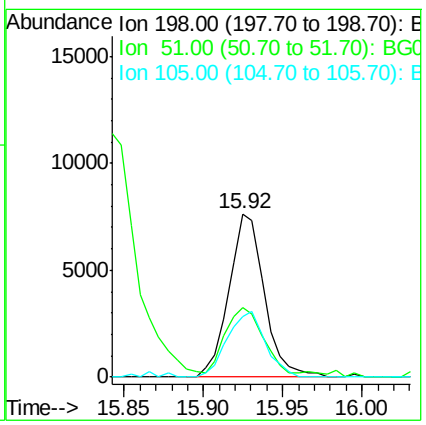


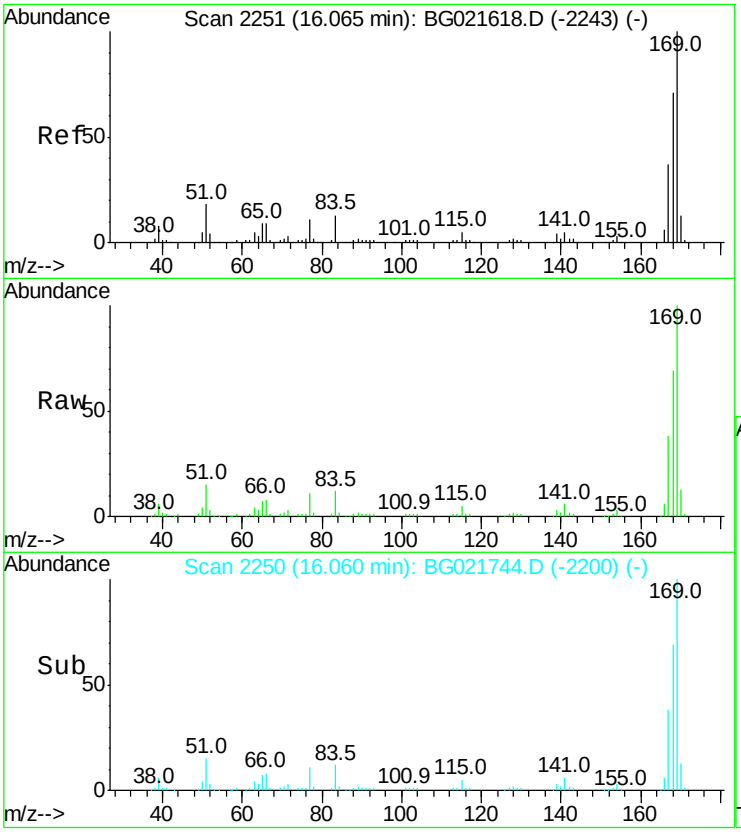




#64
4,6-Dinitro-2-methylphenol
Concen: 20.03 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:198 Resp: 11779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.4 | 29.2 | 69.2 |
| 105 | 37.1 | 24.0 | 64.0 |



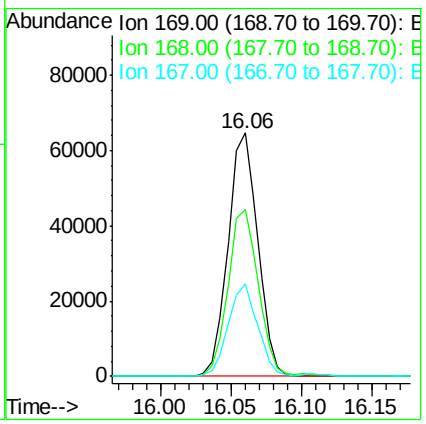


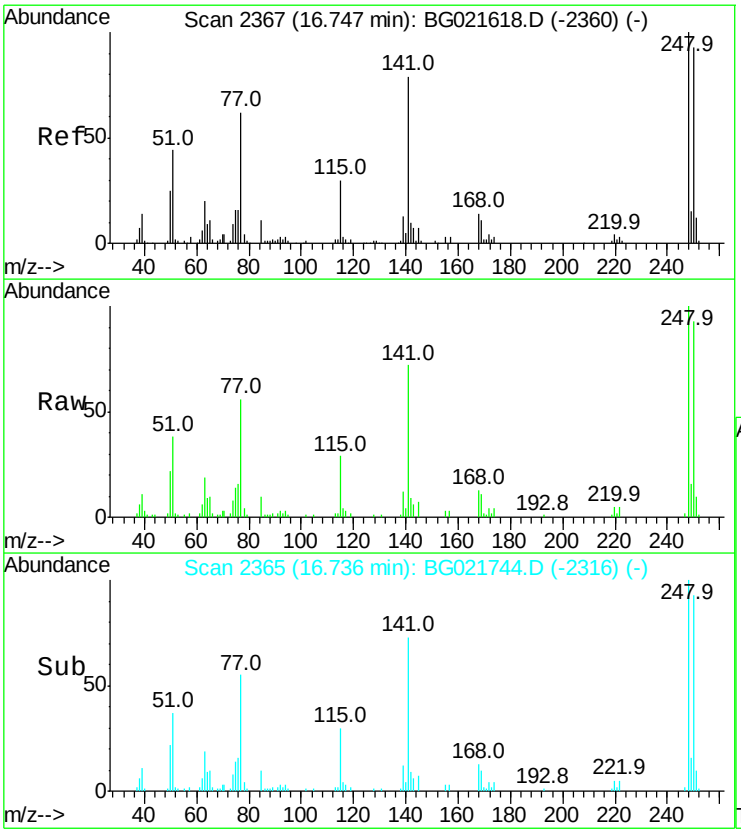

#65
n-Nitrosodiphenylamine
Concen: 18.44 ng
RT: 16.06 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:169 Resp: 94863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.7 | 59.6 | 89.4 |
| 167 | 38.1 | 31.2 | 46.8 |

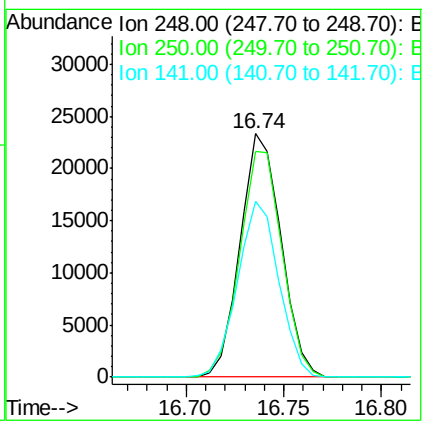


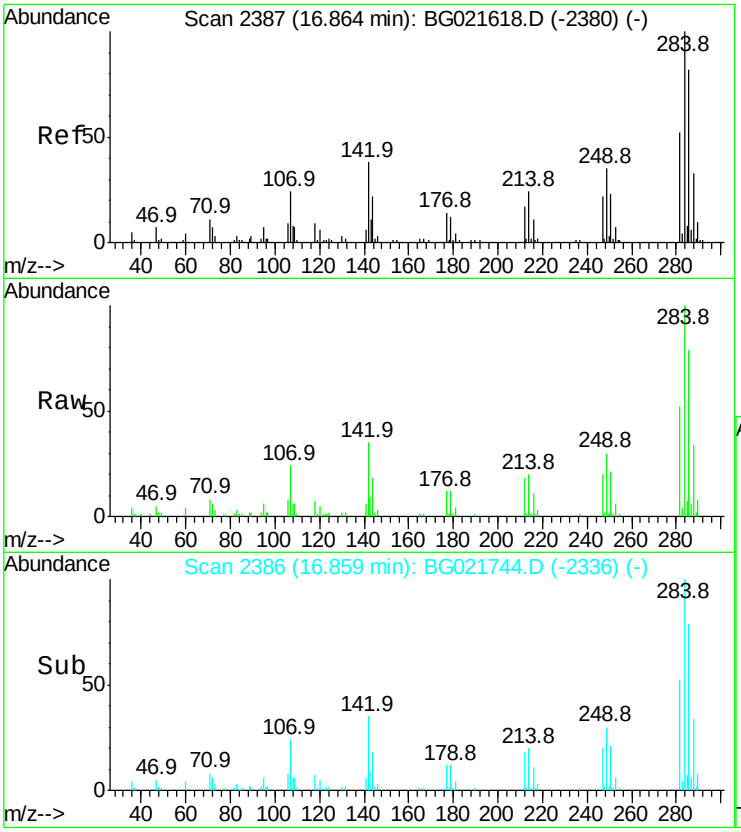




#66
4-Bromophenyl-phenylether
Concen: 18.37 ng
RT: 16.74 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:248 Resp: 33769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 92.8 | 76.6 | 114.8 |
| 141 | 72.2 | 63.8 | 95.6 |



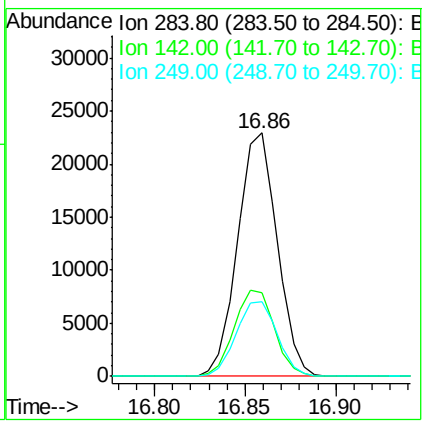


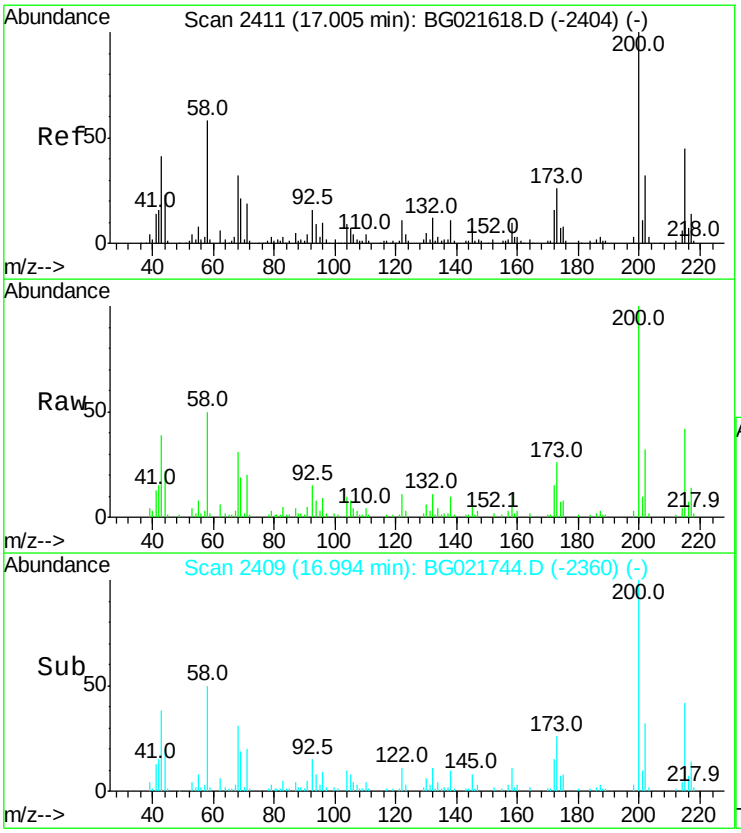

#67
Hexachlorobenzene
Concen: 17.99 ng
RT: 16.86 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:284 Resp: 34908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.6 | 31.8 | 47.6 |
| 249 | 32.5 | 27.3 | 40.9 |

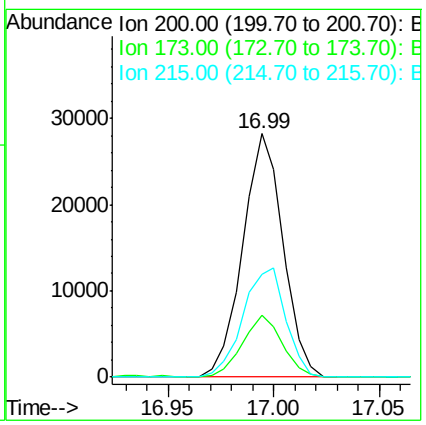


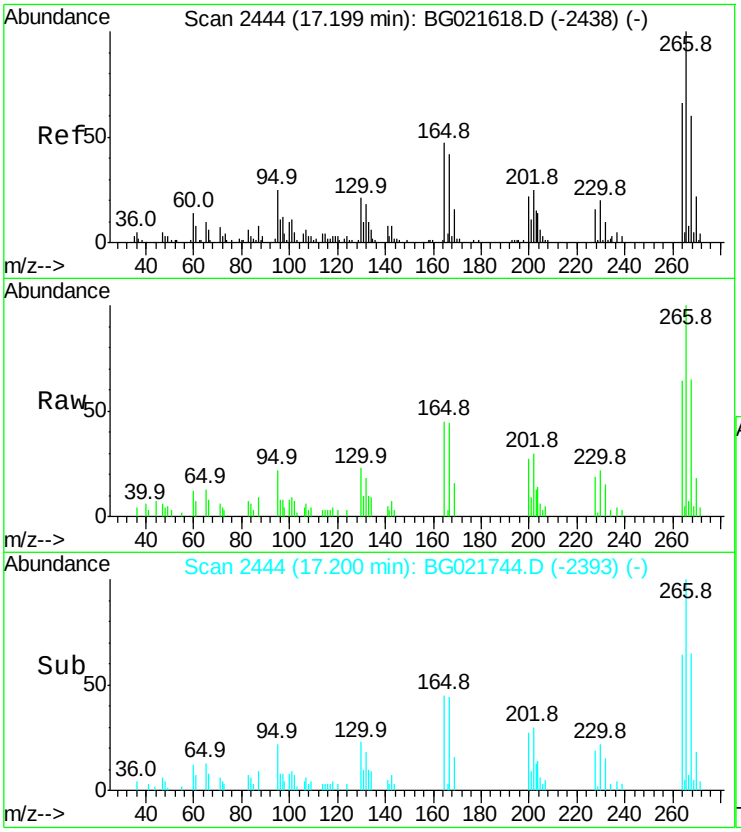




#68
Atrazine
Concen: 18.36 ng
RT: 16.99 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:200 Resp: 37301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.6 | 5.1 | 45.1 |
| 215 | 42.4 | 28.0 | 68.0 |



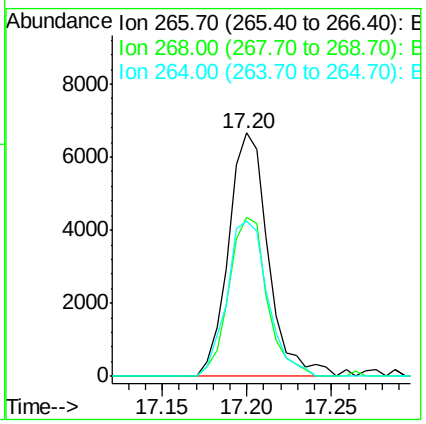


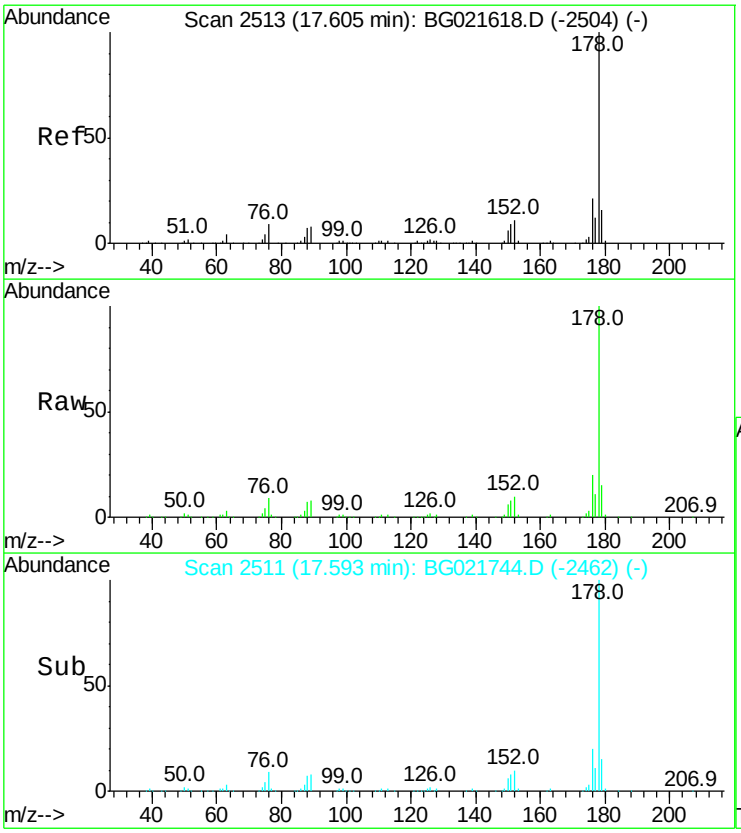

#69
Pentachlorophenol
Concen: 9.83 ng
RT: 17.20 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:266 Resp: 10891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 70.2 | 54.5 | 81.7 |
| 264 | 63.6 | 53.8 | 80.6 |

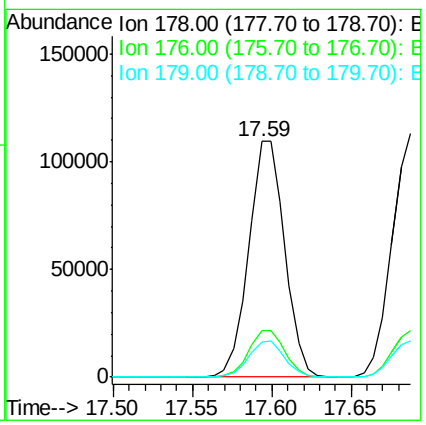


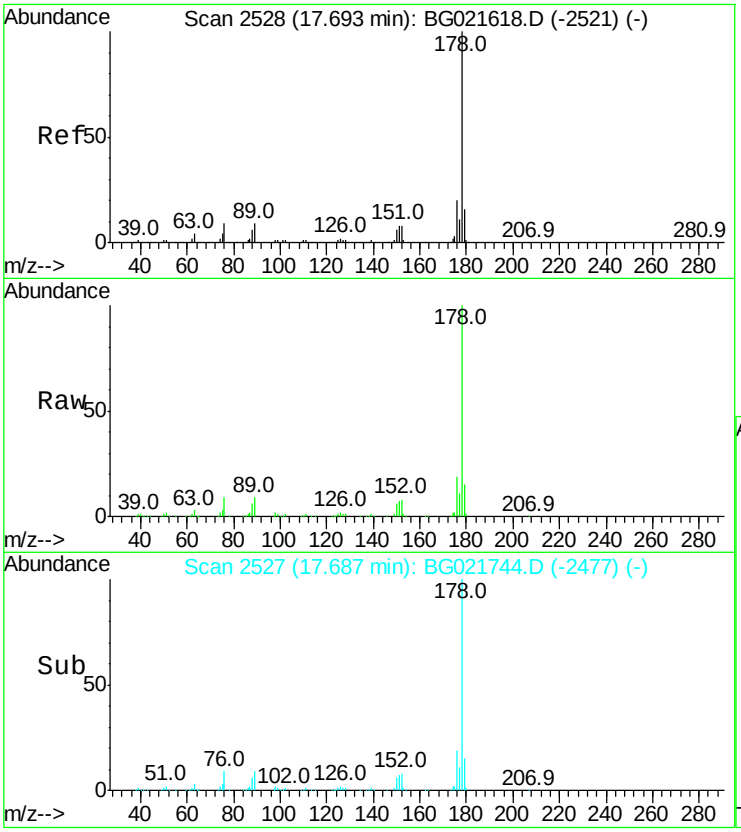




#70
Phenanthrene
Concen: 18.25 ng
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:178 Resp: 172570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 16.2 | 24.4 |
| 179 | 14.7 | 12.0 | 18.0 |



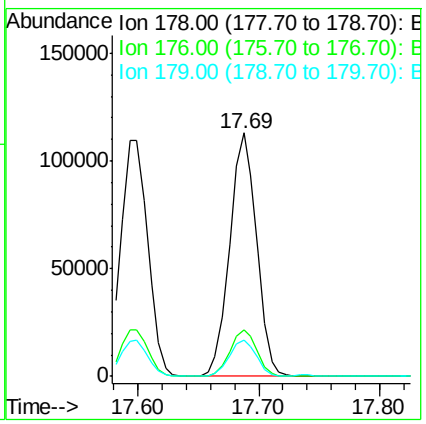


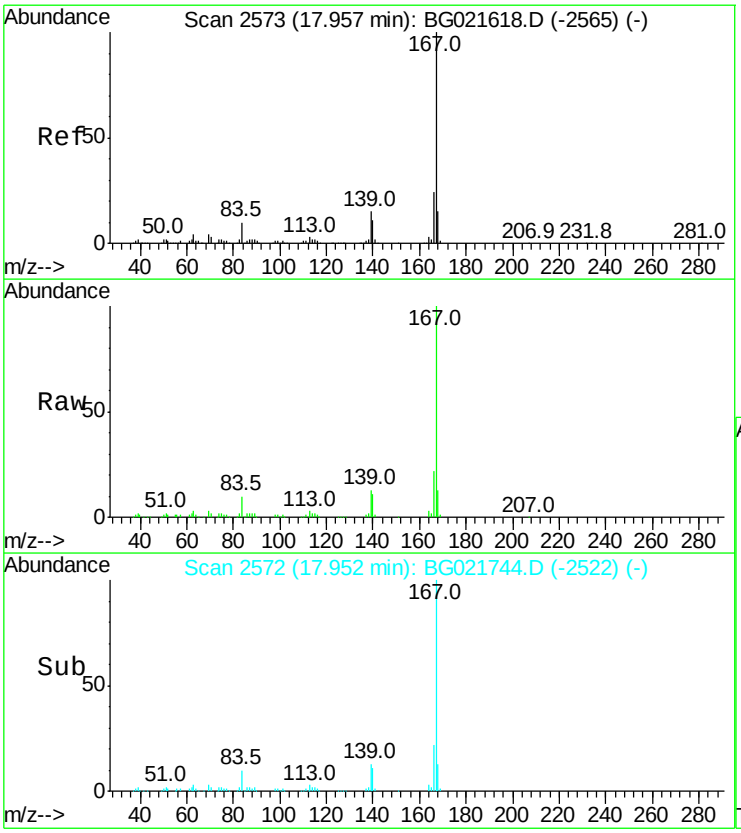

#71
Anthracene
Concen: 18.26 ng
RT: 17.69 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:178 Resp: 175226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.0 | 22.4 |
| 179 | 14.8 | 12.2 | 18.4 |

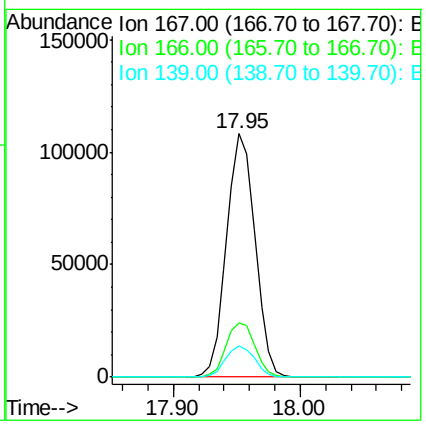


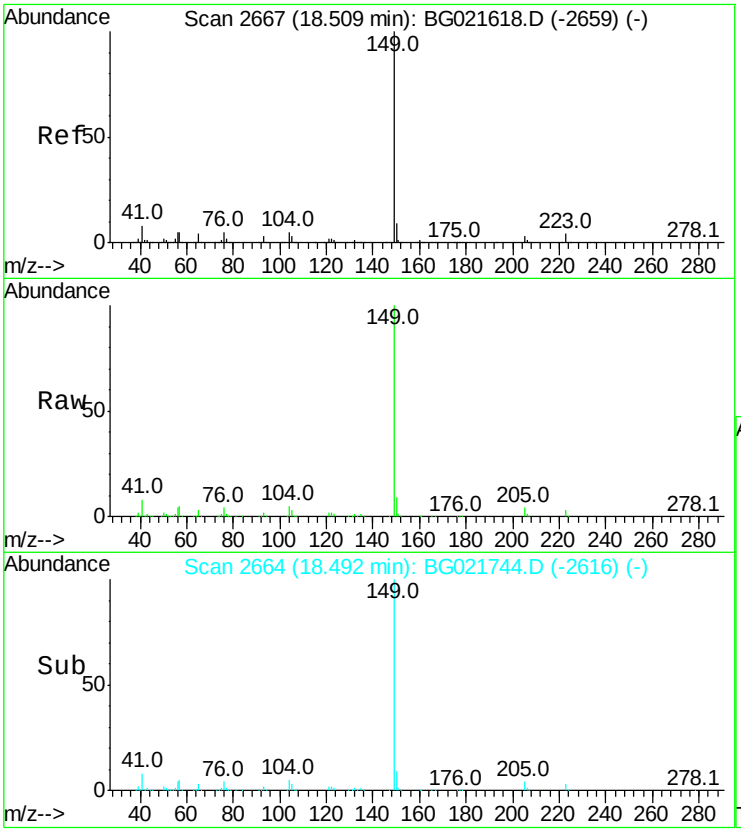




#72
Carbazole
Concen: 18.81 ng
RT: 17.95 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:167 Resp: 168478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.3 | 18.6 | 27.8 |
| 139 | 12.8 | 10.6 | 15.8 |



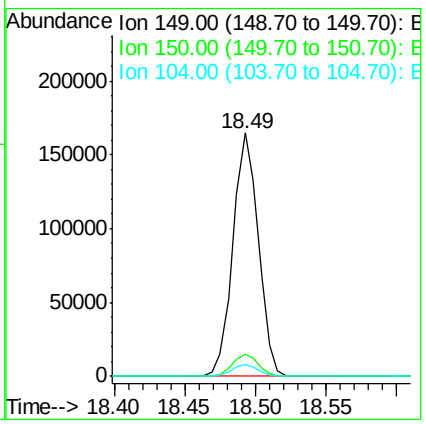


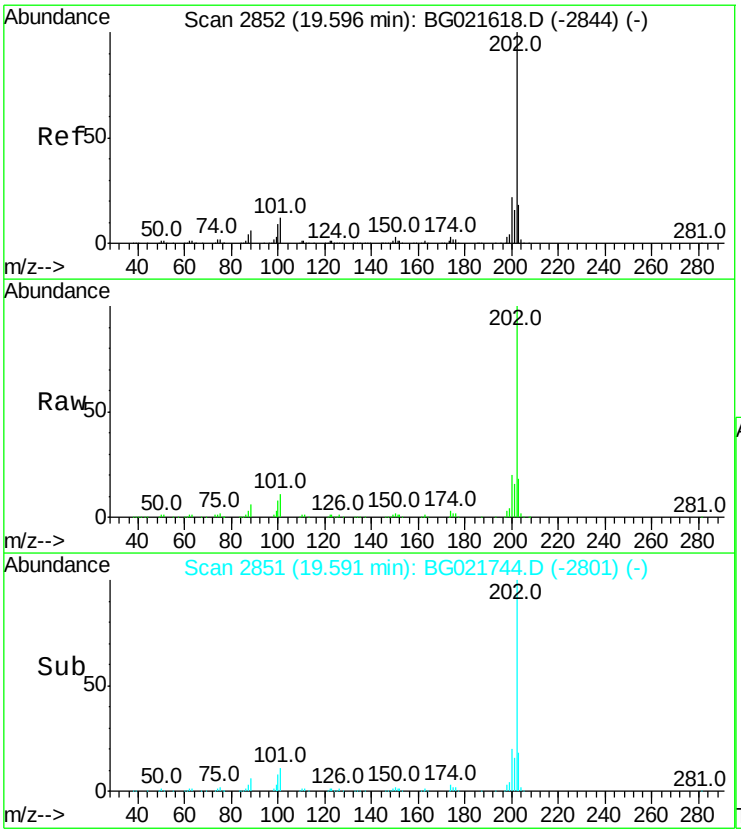

#73
Di-n-butylphthalate
Concen: 18.09 ng
RT: 18.49 min Scan# 2664
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:149 Resp: 206148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.4 | 11.0 |
| 104 | 4.9 | 4.0 | 6.0 |

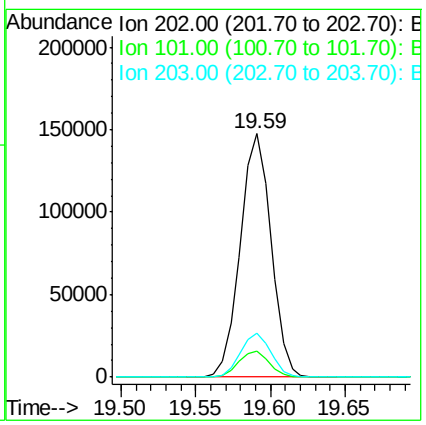


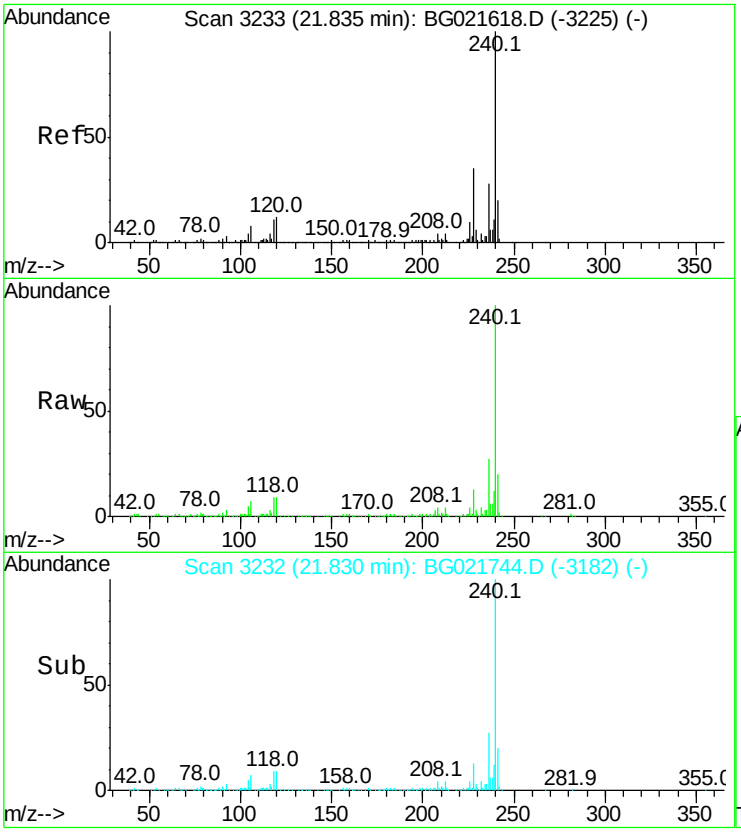




#74
Fluoranthene
Concen: 18.61 ng
RT: 19.59 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:202 Resp: 210103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 0.0 | 31.0 |
| 203 | 18.0 | 0.0 | 37.9 |



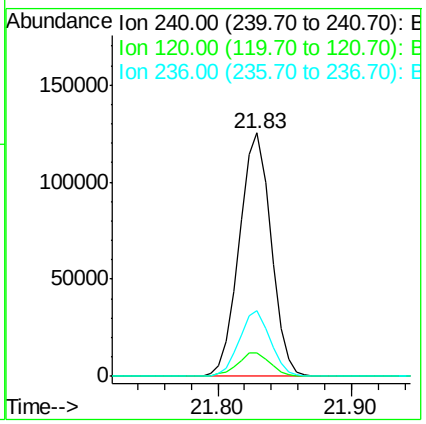


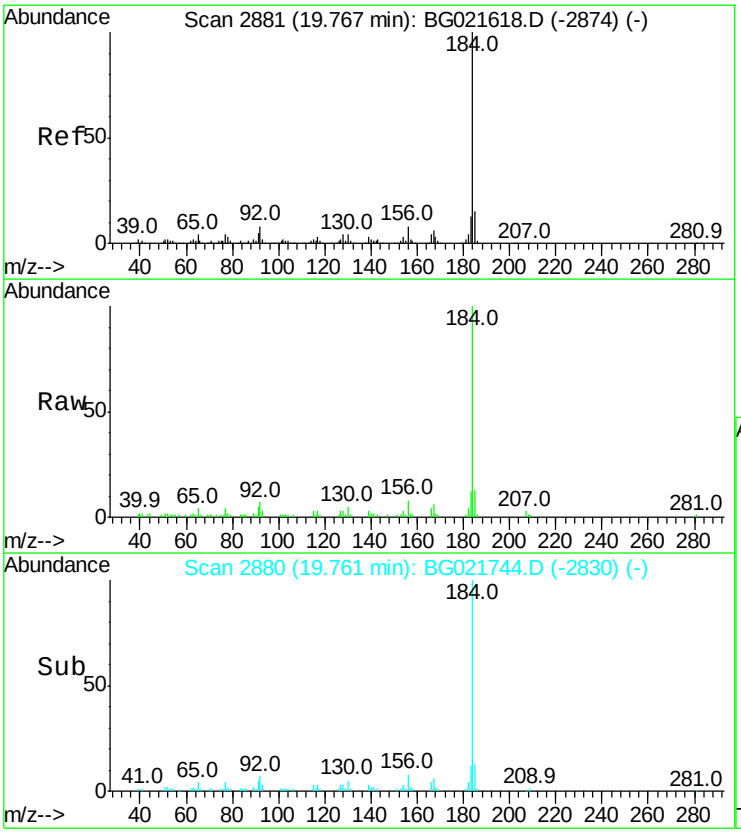

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:240 Resp: 205417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.4 | 8.4 | 12.6 |
| 236 | 26.8 | 19.6 | 29.4 |

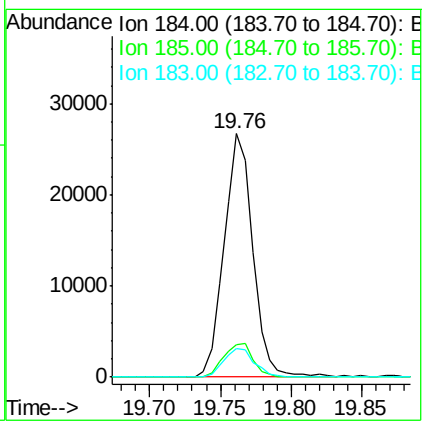


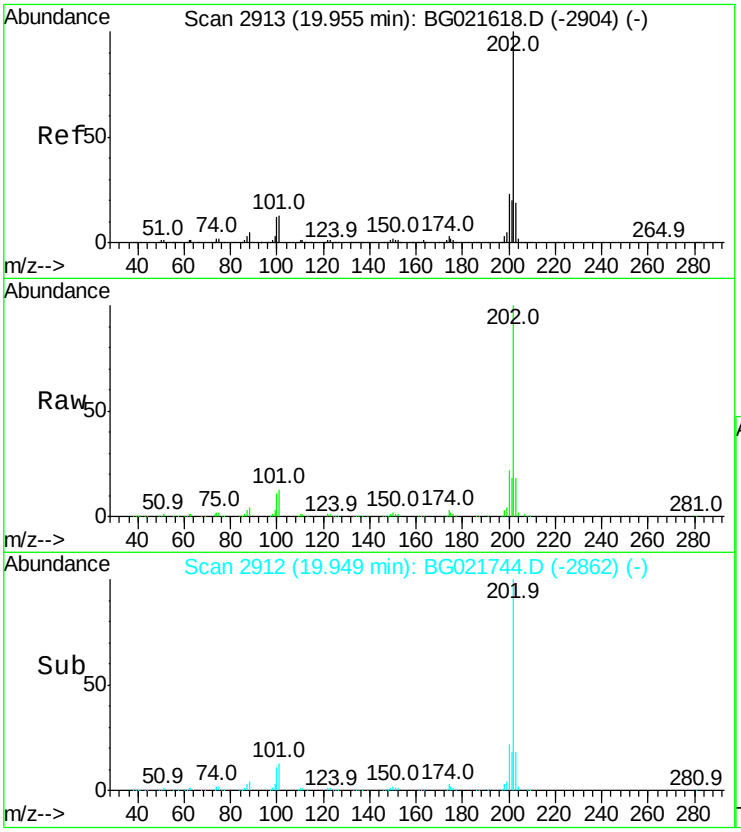




#76
Benzidine
Concen: 5.90 ng
RT: 19.76 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:184 Resp: 37719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.4 | 11.5 | 17.3 |
| 183 | 11.6 | 10.2 | 15.4 |



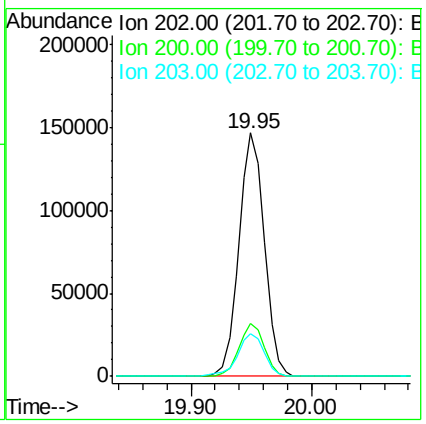


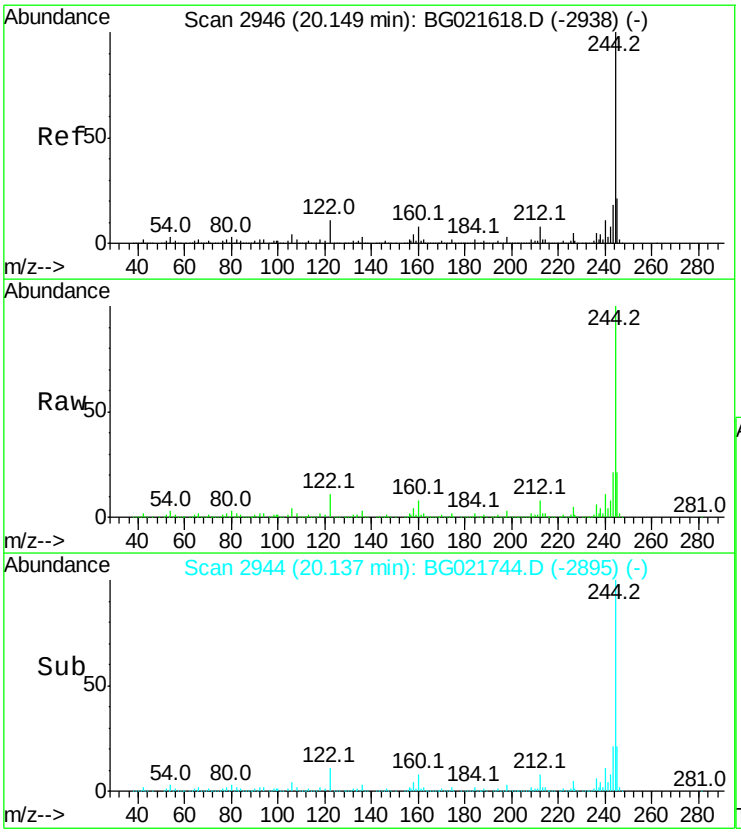

#77
Pyrene
Concen: 18.23 ng
RT: 19.95 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:202 Resp: 215914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 18.2 | 27.2 |
| 203 | 17.5 | 15.0 | 22.4 |

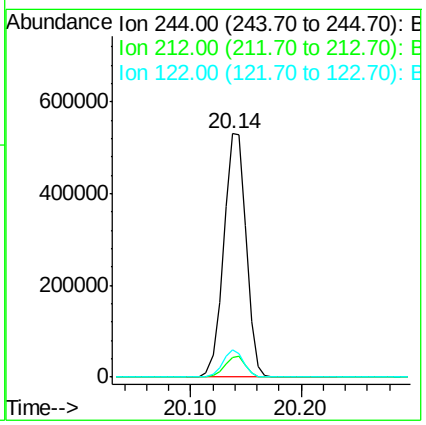


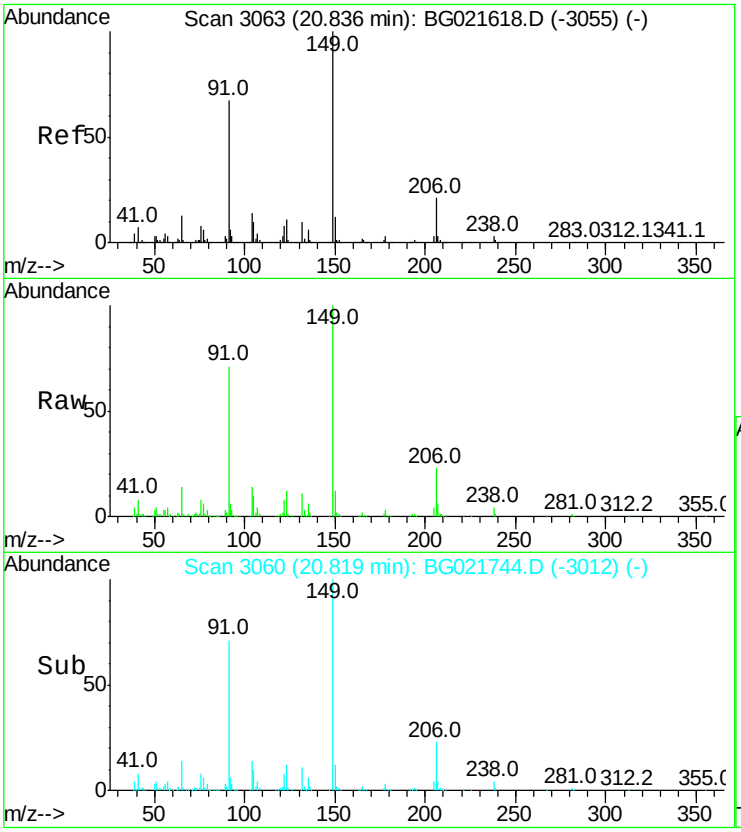




#78
Terphenyl-d14
Concen: 91.48 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:244 Resp: 753145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 6.5 | 9.7 |
| 122 | 11.0 | 8.6 | 12.8 |



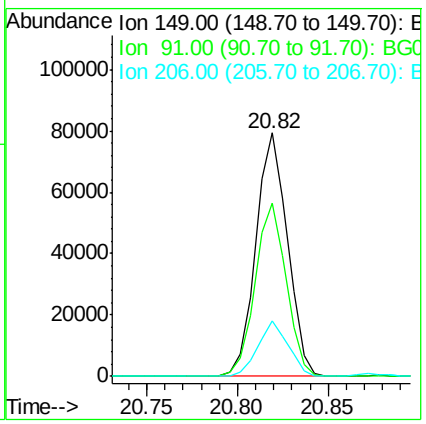


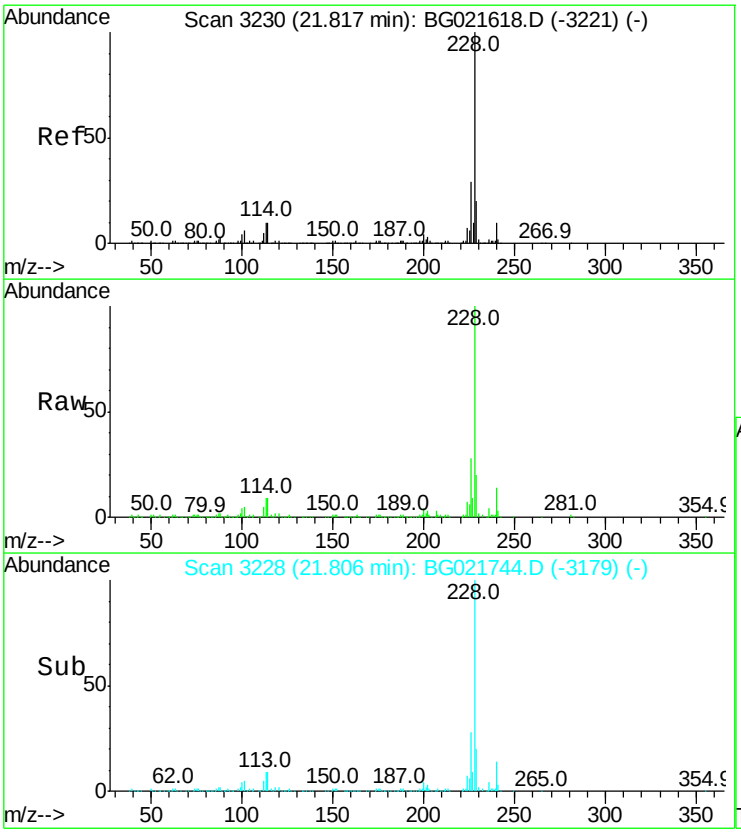

#79
Butylbenzylphthalate
Concen: 17.44 ng
RT: 20.82 min Scan# 3060
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:149 Resp: 95873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.0 | 57.8 | 86.8 |
| 206 | 22.8 | 17.0 | 25.4 |

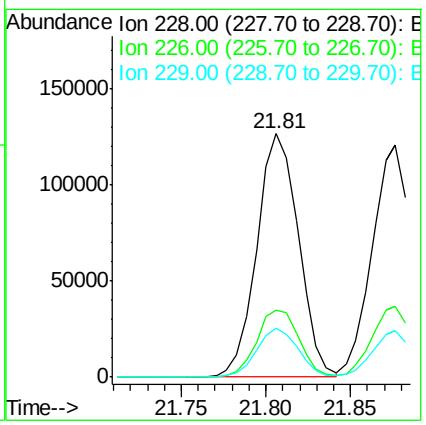


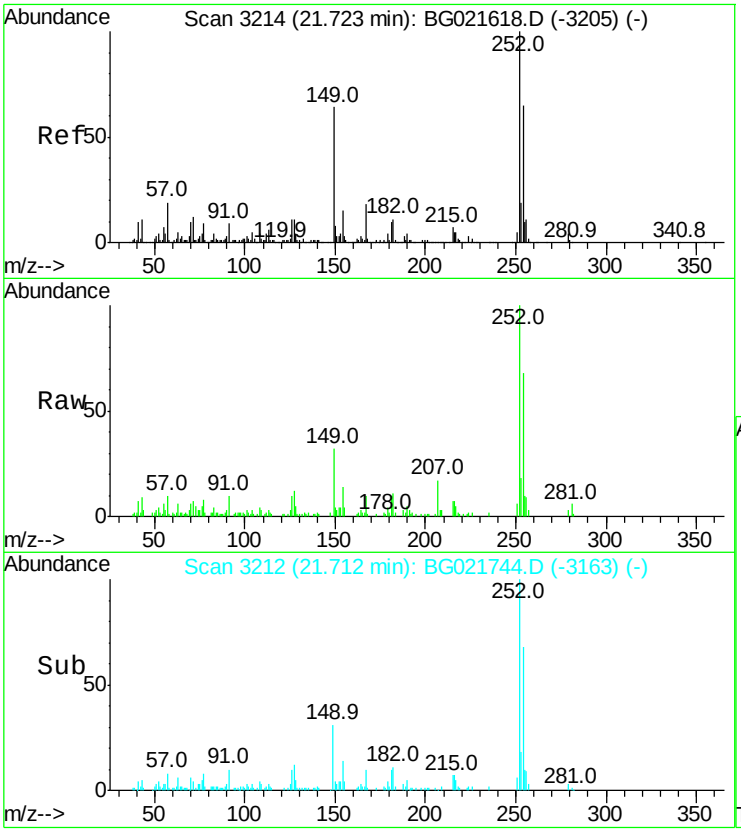




#80
Benzo(a)anthracene
Concen: 18.30 ng
RT: 21.81 min Scan# 3228
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:228 Resp: 216316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 22.6 | 34.0 |
| 229 | 20.1 | 16.1 | 24.1 |



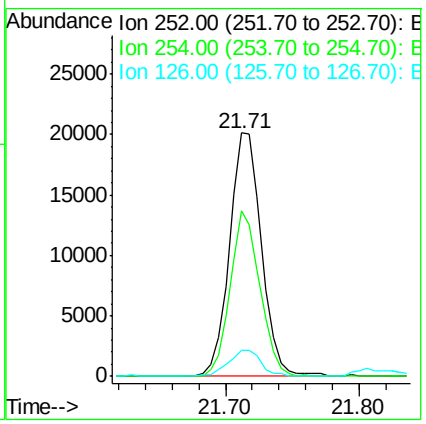


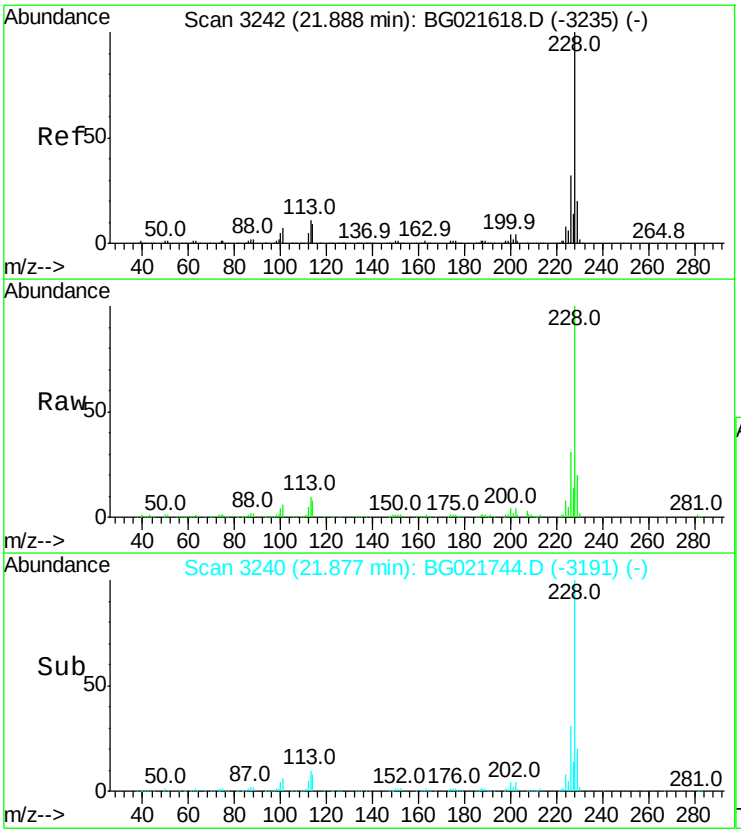

#81
3,3'-Dichlorobenzidine
Concen: 3.58 ng
RT: 21.71 min Scan# 3212
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:252 Resp: 33482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 68.2 | 51.8 | 77.6 |
| 126 | 10.5 | 8.8 | 13.2 |

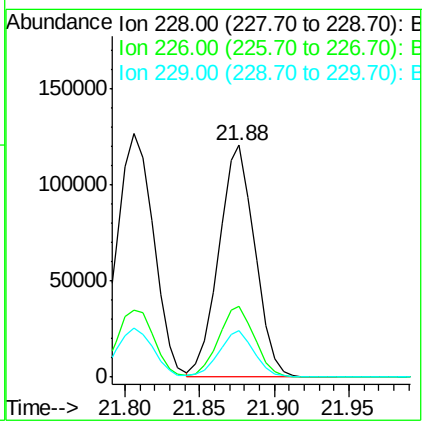


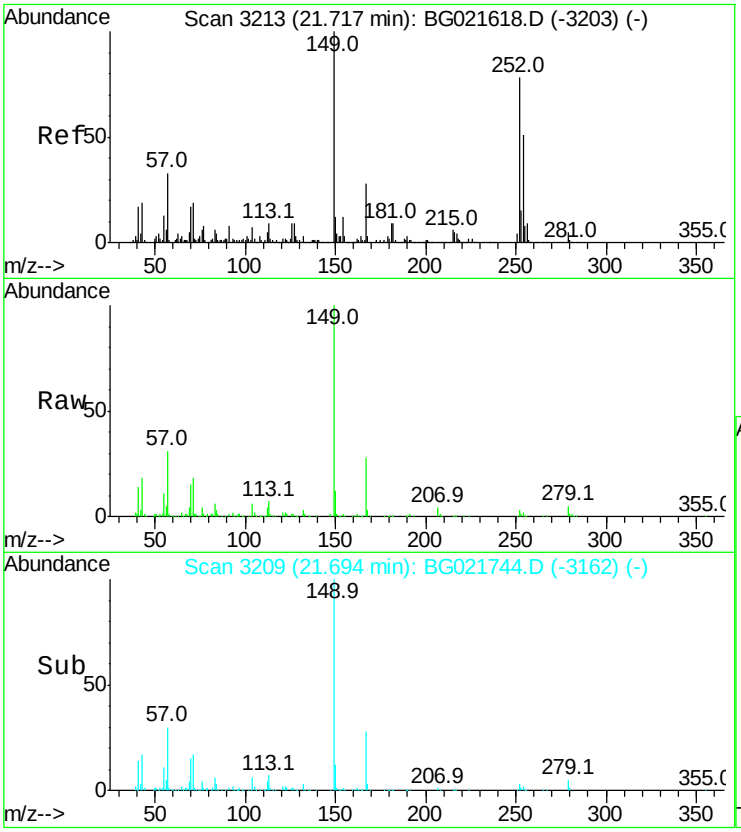




#82
Chrysene
Concen: 17.99 ng
RT: 21.88 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:228 Resp: 204350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 25.4 | 38.0 |
| 229 | 20.1 | 15.9 | 23.9 |



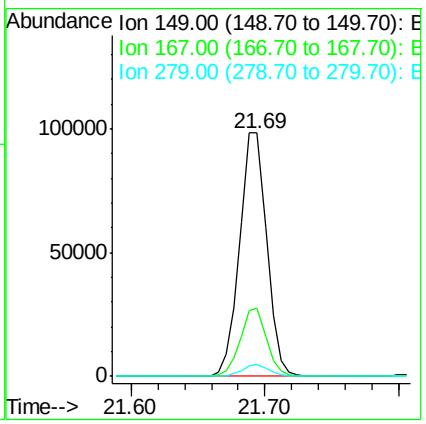


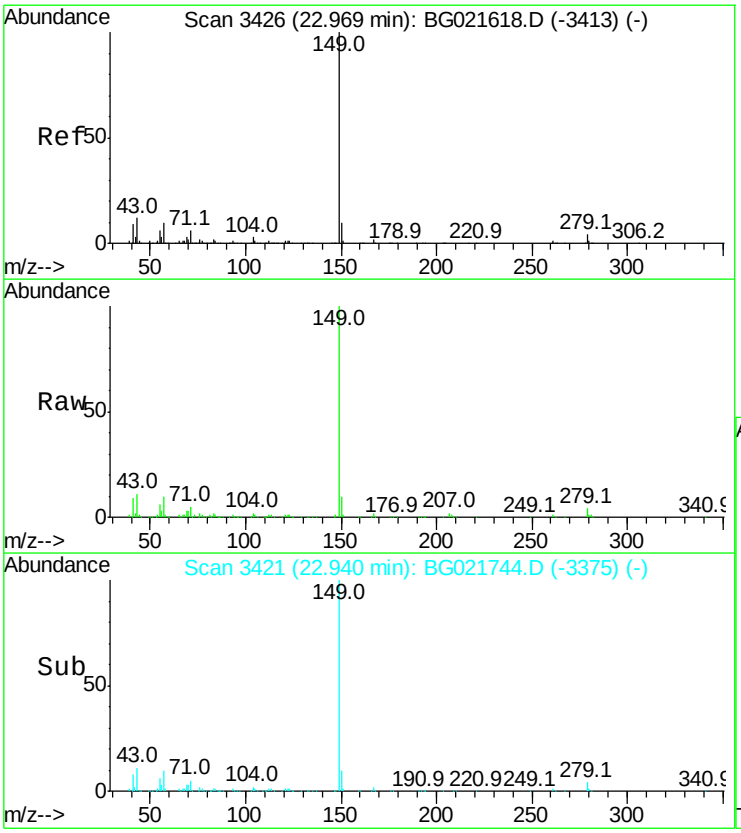

#83
Bis(2-ethylhexyl)phthalate
Concen: 17.16 ng
RT: 21.69 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:149 Resp: 137963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.0 | 22.4 | 33.6 |
| 279 | 4.6 | 3.2 | 4.8 |

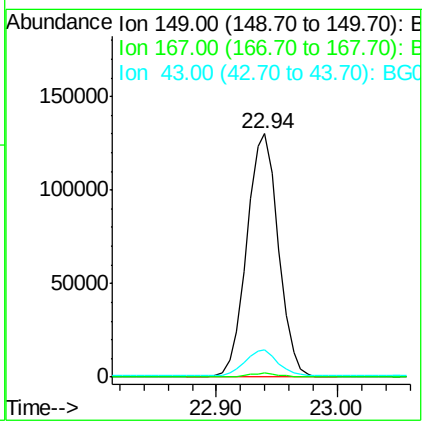


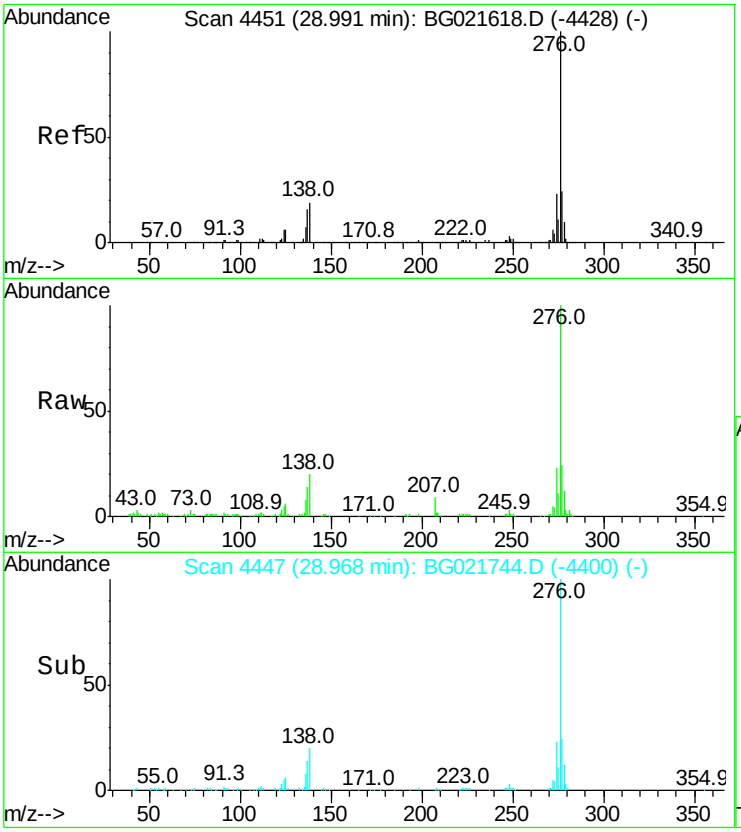




#84
Di-n-octyl phthalate
Concen: 17.65 ng
RT: 22.94 min Scan# 3421
Delta R.T. -0.03 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:149 Resp: 237740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.3 | 1.9 |
| 43 | 10.9 | 9.8 | 14.6 |



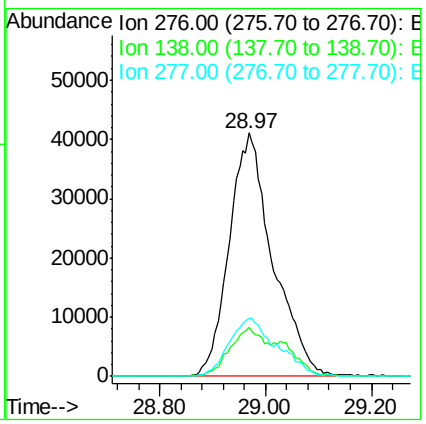


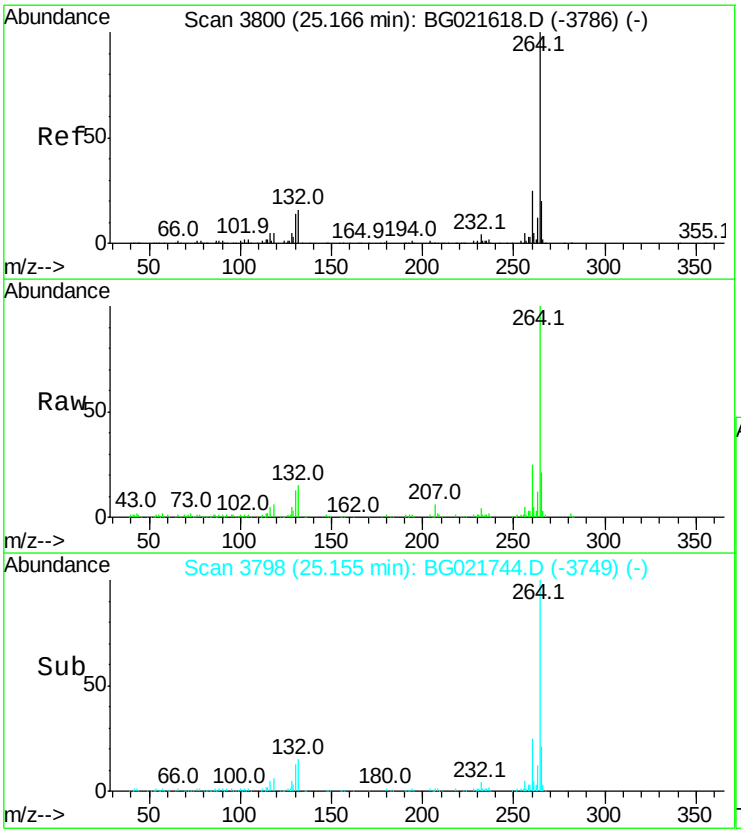

#85
Indeno(1,2,3-cd)pyrene
Concen: 17.38 ng
RT: 28.97 min Scan# 4447
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:276 Resp: 234687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 16.0 | 14.0 | 21.0 |
| 277 | 26.0 | 20.6 | 30.8 |

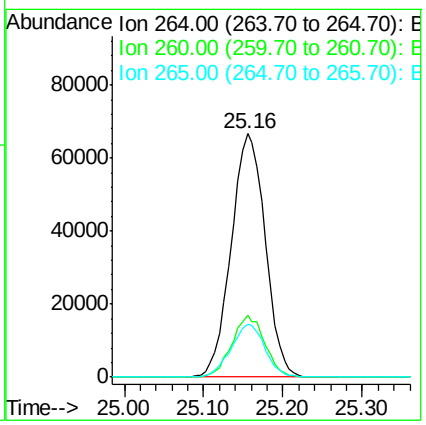


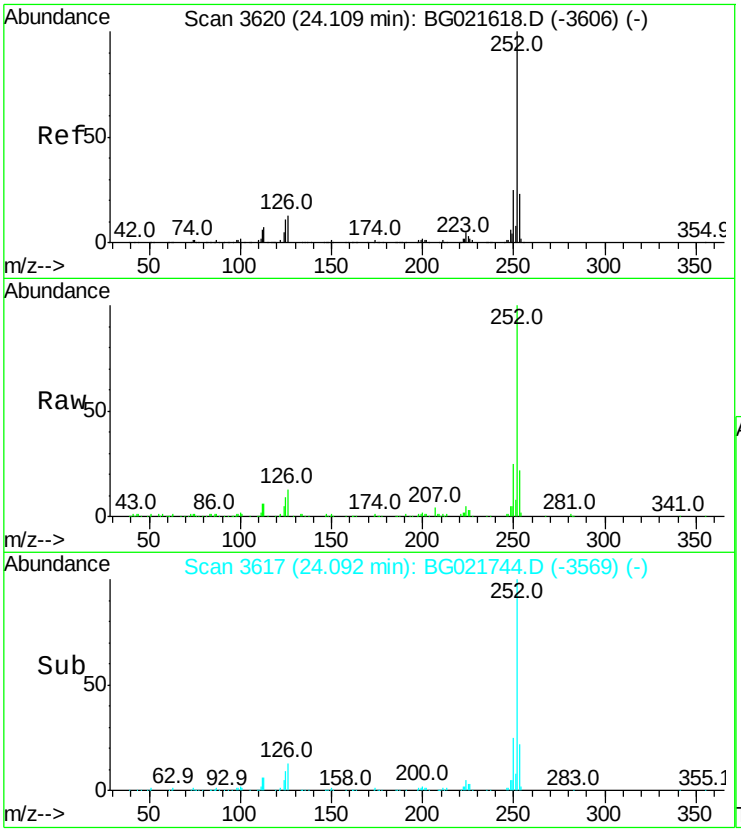




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3798
Delta R.T. -0.01 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:264 Resp: 198069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.4 | 20.2 | 30.4 |
| 265 | 21.5 | 17.8 | 26.8 |



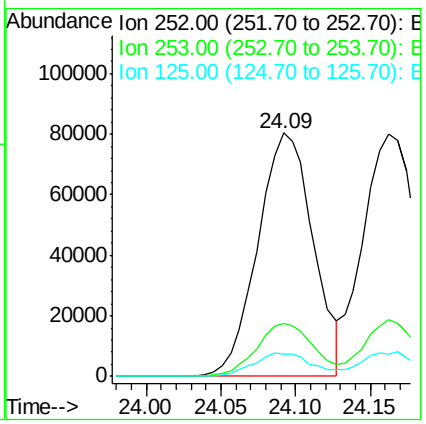


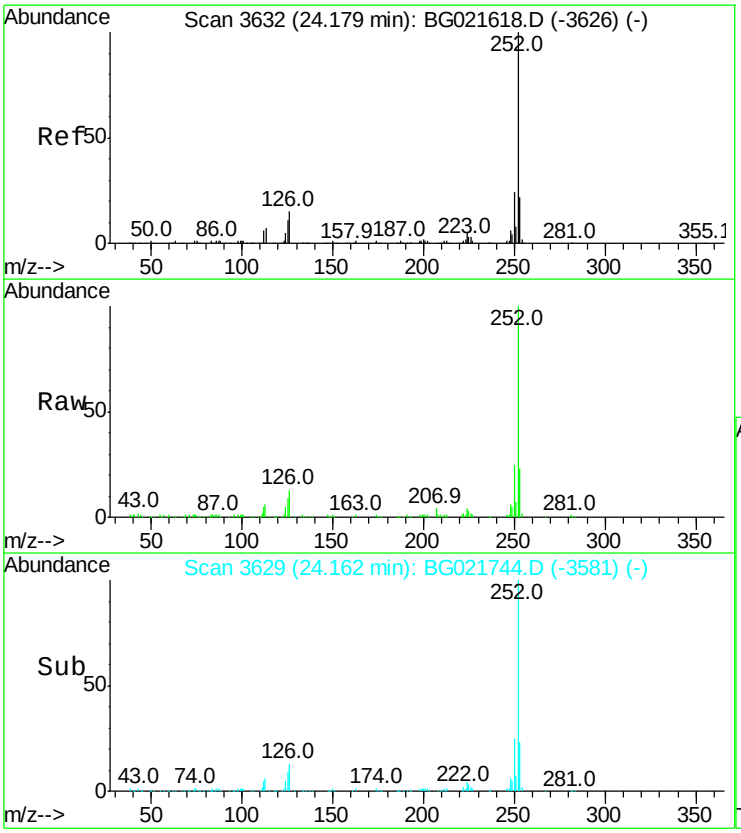

#87
Benzo(b)fluoranthene
Concen: 18.05 ng
RT: 24.09 min Scan# 3617
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:252 Resp: 207424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.5 | 26.3 |
| 125 | 9.1 | 8.6 | 13.0 |

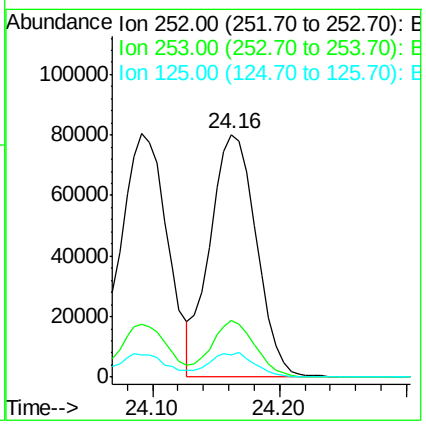


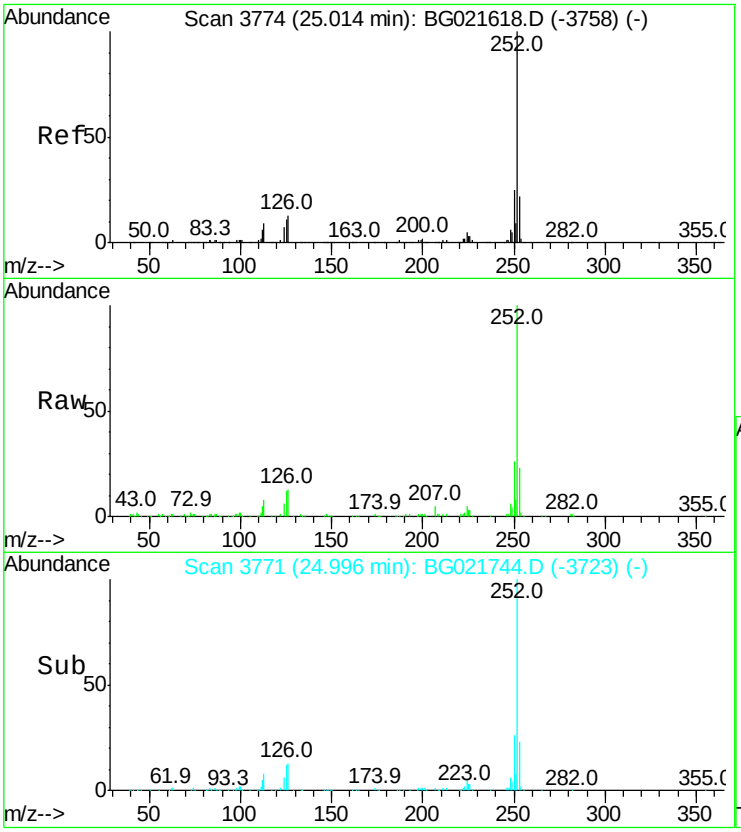




#88
Benzo(k)fluoranthene
Concen: 18.04 ng
RT: 24.16 min Scan# 3629
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:252 Resp: 202750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.8 | 26.8 |
| 125 | 9.4 | 8.3 | 12.5 |



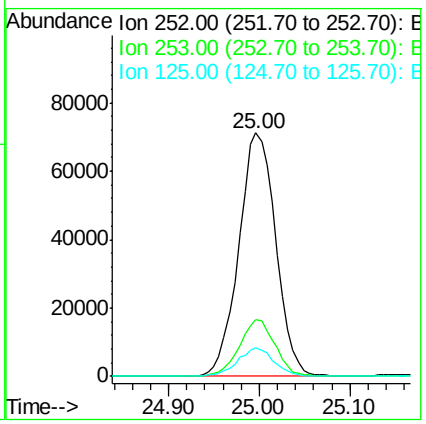


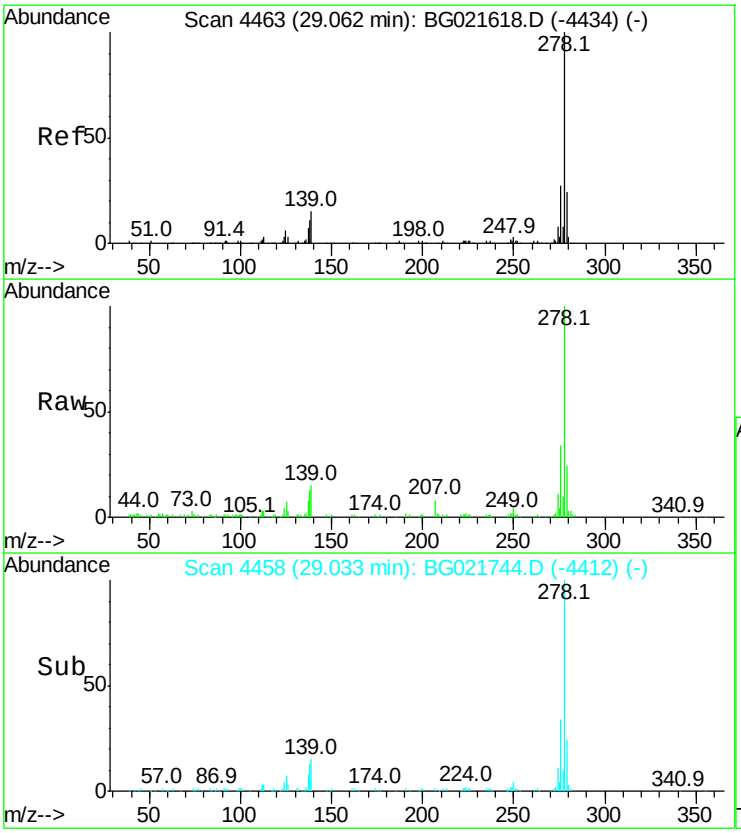

#89
Benzo(a)pyrene
Concen: 18.15 ng
RT: 25.00 min Scan# 3771
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:252 Resp: 202161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.1 | 25.7 |
| 125 | 12.0 | 9.6 | 14.4 |

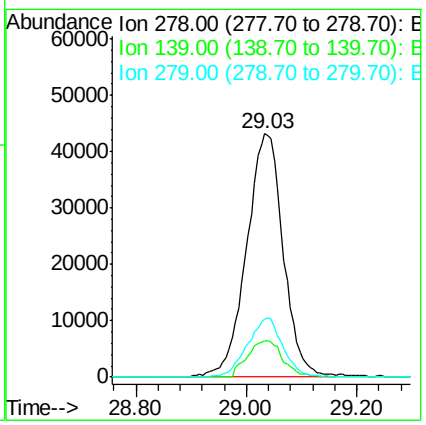


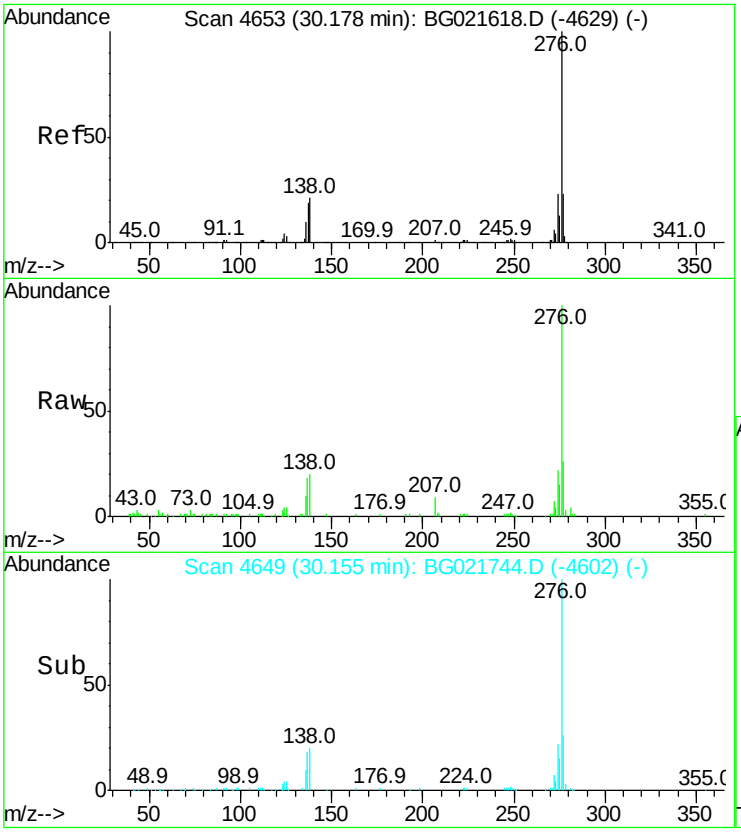




#90
Dibenzo(a,h)anthracene
Concen: 17.80 ng
RT: 29.03 min Scan# 4458
Delta R.T. -0.03 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

Tgt Ion:278 Resp: 198706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.8 | 11.9 | 17.9 |
| 279 | 23.7 | 18.2 | 27.2 |






#91
Benzo(g,h,i)perylene
Concen: 17.95 ng
RT: 30.16 min Scan# 4649
Delta R.T. -0.02 min
Lab File: BG021744.D
Acq: 18 Apr 2016 18:58

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-WATER2016-02

Tgt Ion:276 Resp: 196647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.5 | 19.4 | 29.2 |
| 138 | 20.2 | 17.4 | 26.0 |