Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
Data File : BG035227.D
Acq On : 18 Jun 2018 20:28
Operator : SJ/JU
Sample : PB110293BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB110293BS

Quant Time: Jun 19 01:29:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.06 | 152 | 34646 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.87 | 136 | 134706 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 14.68 | 164 | 106770 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 17.43 | 188 | 374913 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 21.69 | 240 | 458578 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 24.92 | 264 | 426039 | 20.00 | ng | | -0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 244184 | 118.94 | ng | | 0.00 |
| 7) Phenol-d6 | 7.22 | 99 | 365282 | 120.55 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 228860 | 80.76 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.17 | 330 | 223417 | 163.46 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 13.30 | 172 | 553481 | 67.39 | ng | | -0.02 |
| 78) Terphenyl-d14 | 20.03 | 244 | 1796199 | 82.05 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.55 | 88 | 26984 | 27.548 | ng | # | 76 |
| 3) Pyridine | 3.95 | 79 | 78755 | 29.799 | ng | # | 69 |
| 4) n-Nitrosodimethylamine | 3.86 | 42 | 33419 | 29.434 | ng | # | 83 |
| 6) Aniline | 7.38 | 93 | 70884 | 18.098 | ng | | 99 |
| 8) 2-Chlorophenol | 7.63 | 128 | 77780 | 36.144 | ng | | 92 |
| 9) Benzaldehyde | 7.20 | 77 | 50235 | 21.523 | ng | | 94 |
| 10) Phenol | 7.24 | 94 | 115980 | 36.986 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.48 | 93 | 75662 | 31.087 | ng | | 87 |
| 12) 1,3-Dichlorobenzene | 7.95 | 146 | 85030 | 33.117 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.10 | 146 | 86934 | 32.799 | ng | | 92 |
| 14) 1,2-Dichlorobenzene | 8.42 | 146 | 83207 | 33.421 | ng | | 92 |
| 15) Benzyl Alcohol | 8.29 | 79 | 92874 | 32.348 | ng | | 90 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59 | 45 | 82501 | 34.057 | ng | | 84 |
| 17) 2-Methylphenol | 8.49 | 107 | 80057 | 38.724 | ng | | 94 |
| 18) Hexachloroethane | 9.14 | 117 | 30726 | 32.381 | ng | # | 79 |
| 19) n-Nitroso-di-n-propylamine | 8.86 | 70 | 72516 | 28.170 | ng | # | 82 |
| 20) 3+4-Methylphenols | 8.82 | 107 | 108894 | 36.747 | ng | | 95 |
| 22) Acetophenone | 8.88 | 105 | 132044 | 31.644 | ng | # | 91 |
| 24) Nitrobenzene | 9.26 | 77 | 103435 | 35.644 | ng | | 94 |
| 25) Isophorone | 9.79 | 82 | 207337 | 34.653 | ng | | 98 |
| 26) 2-Nitrophenol | 9.97 | 139 | 42923 | 42.912 | ng | # | 88 |
| 27) 2,4-Dimethylphenol | 10.03 | 122 | 84226 | 40.060 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93 | 110282 | 34.300 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.51 | 162 | 93134 | 40.710 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 10.73 | 180 | 98220 | 35.805 | ng | | 96 |
| 31) Naphthalene | 10.92 | 128 | 237942 | 34.002 | ng | | 97 |
| 32) Benzoic acid | 10.14 | 122 | 56876 | 40.387 | ng | | 92 |
| 33) 4-Chloroaniline | 11.02 | 127 | 48508 | 15.964 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.20 | 225 | 70897 | 33.232 | ng | | 98 |
| 35) Caprolactam | 11.78 | 113 | 21480 | 25.406 | ng | # | 63 |
| 36) 4-Chloro-3-methylphenol | 12.13 | 107 | 122628 | 43.001 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.52 | 142 | 191321 | 36.061 | ng | | 92 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 129692 | 32.611 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 12.86 | 237 | 181034 | 72.590 | ng | | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
Data File : BG035227.D
Acq On : 18 Jun 2018 20:28
Operator : SJ/JU
Sample : PB110293BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB110293BS

Quant Time: Jun 19 01:29:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.12 | 196 | 95060 | 39.919 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 13.19 | 196 | 108142 | 41.375 | ng | | 97 |
| 45) 1,1'-Biphenyl | 13.52 | 154 | 266718 | 31.066 | ng | | 94 |
| 46) 2-Chloronaphthalene | 13.56 | 162 | 211015 | 32.509 | ng | | 99 |
| 47) 2-Nitroaniline | 13.76 | 65 | 82235 | 42.903 | ng | | 90 |
| 48) Acenaphthylene | 14.41 | 152 | 373361 | 34.303 | ng | | 98 |
| 49) Dimethylphthalate | 14.13 | 163 | 342906 | 36.829 | ng | # | 98 |
| 50) 2,6-Dinitrotoluene | 14.25 | 165 | 79610 | 46.869 | ng | | 93 |
| 51) Acenaphthene | 14.74 | 154 | 230260 | 32.379 | ng | | 96 |
| 52) 3-Nitroaniline | 14.58 | 138 | 44141 | 26.483 | ng | # | 92 |
| 53) 2,4-Dinitrophenol | 14.78 | 184 | 107541 | 156.440 | ng | # | 64 |
| 54) Dibenzofuran | 15.08 | 168 | 377062 | 35.402 | ng | | 96 |
| 55) 4-Nitrophenol | 14.88 | 139 | 174804 | 124.267 | ng | | 86 |
| 56) 2,4-Dinitrotoluene | 15.04 | 165 | 127493 | 56.503 | ng | # | 87 |
| 57) Fluorene | 15.73 | 166 | 332600 | 37.366 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.30 | 232 | 124712 | 49.117 | ng | | 93 |
| 59) Diethylphthalate | 15.50 | 149 | 368854 | 38.830 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204 | 185544 | 36.555 | ng | | 97 |
| 61) 4-Nitroaniline | 15.74 | 138 | 101808 | 56.956 | ng | # | 79 |
| 62) Azobenzene | 16.01 | 77 | 345424 | 37.108 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198 | 80647 | 47.114 | ng | | 89 |
| 65) n-Nitrosodiphenylamine | 15.93 | 169 | 319579 | 28.384 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 16.61 | 248 | 137829 | 30.528 | ng | | 96 |
| 67) Hexachlorobenzene | 16.73 | 284 | 146843 | 31.955 | ng | | 94 |
| 68) Atrazine | 16.88 | 200 | 191098 | 39.801 | ng | | 99 |
| 69) Pentachlorophenol | 17.08 | 266 | 222748 | 72.085 | ng | | 98 |
| 70) Phenanthrene | 17.47 | 178 | 653193 | 34.298 | ng | | 98 |
| 71) Anthracene | 17.56 | 178 | 681917 | 35.746 | ng | | 98 |
| 72) Carbazole | 17.83 | 167 | 739050 | 41.754 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.39 | 149 | 850660 | 40.321 | ng | # | 99 |
| 74) Fluoranthene | 19.47 | 202 | 1111658 | 44.857 | ng | | 97 |
| 76) Benzidine | 19.65 | 184 | 304493 | 17.848 | ng | | 99 |
| 77) Pyrene | 19.84 | 202 | 1116274 | 36.924 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.72 | 149 | 391734 | 35.685 | ng | | 96 |
| 80) Benzo(a)anthracene | 21.67 | 228 | 1007492 | 34.380 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.59 | 252 | 185471 | 16.823 | ng | # | 96 |
| 82) Chrysene | 21.74 | 228 | 918551 | 34.235 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.58 | 149 | 456942 | 29.458 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.80 | 149 | 771632 | 28.996 | ng | # | 92 |
| 85) Indeno(1,2,3-cd)pyrene | 28.59 | 276 | 1039689 | 33.086 | ng | # | 90 |
| 87) Benzo(b)fluoranthene | 23.90 | 252 | 908698 | 34.635 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 23.97 | 252 | 875972 | 34.131 | ng | # | 97 |
| 89) Benzo(a)pyrene | 24.76 | 252 | 873318 | 35.374 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 28.66 | 278 | 837412 | 34.361 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 29.75 | 276 | 862928 | 36.181 | ng | # | 93 |

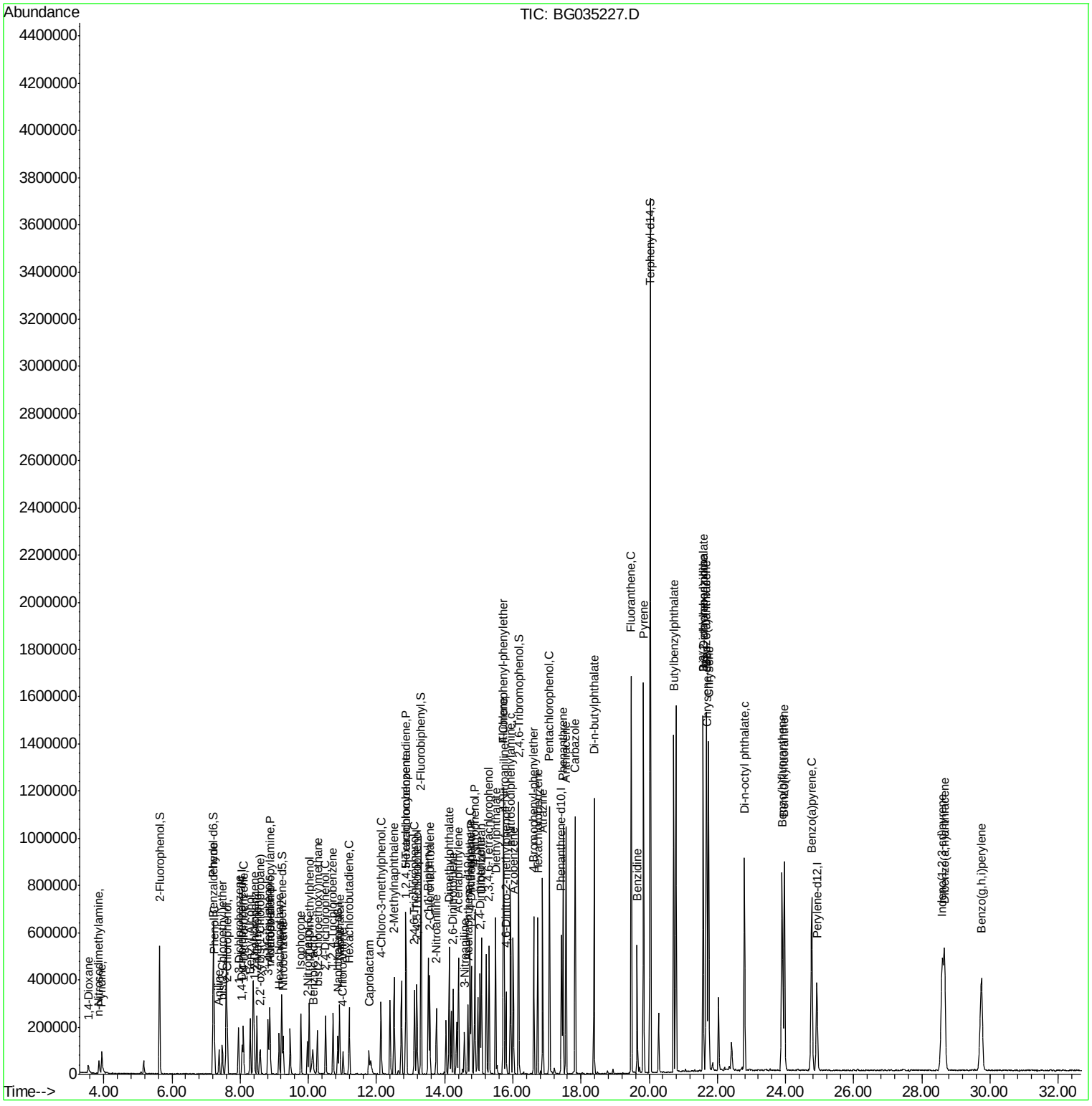
(#) = qualifier out of range (m) = manual integration (+) = signals summed

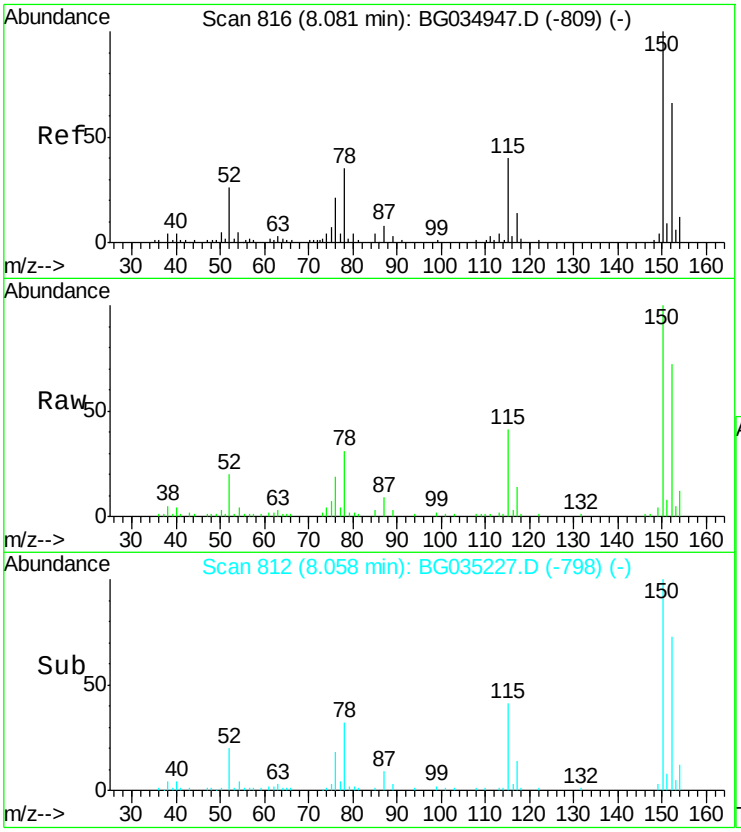
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061818\
Data File : BG035227.D
Acq On : 18 Jun 2018 20:28
Operator : SJ/JU
Sample : PB110293BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Quant Time: Jun 19 01:29:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



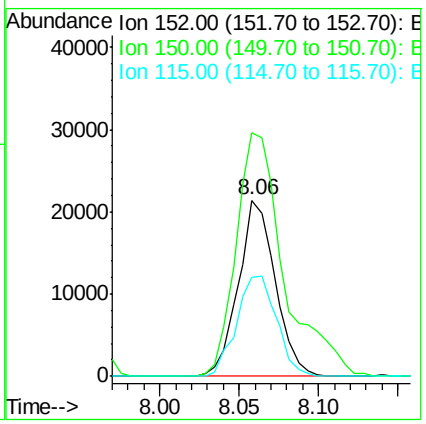


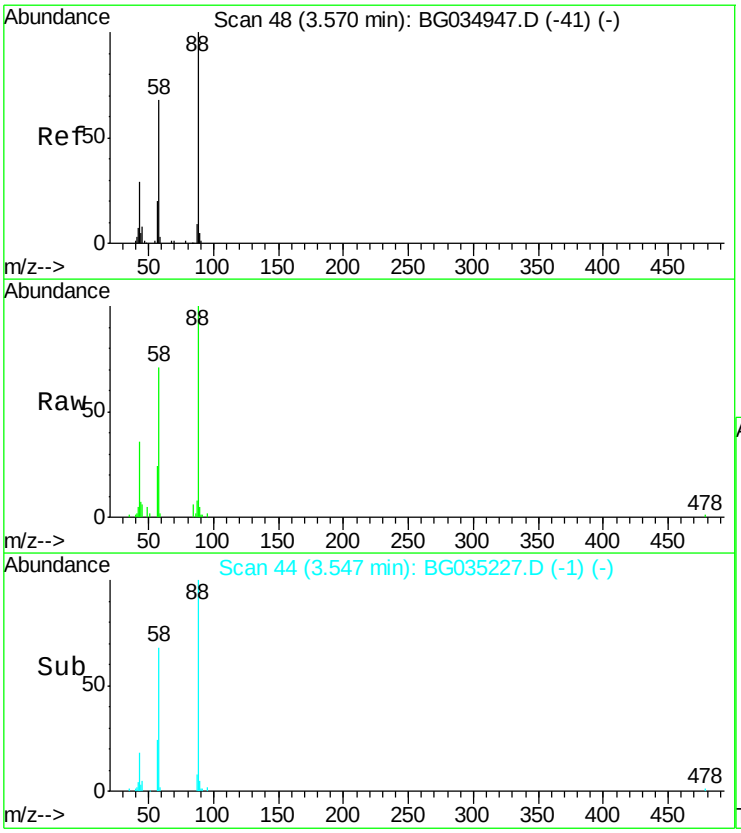

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:152 Resp: 34646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 138.2 | 126.6 | 189.8 |
| 115 | 56.4 | 53.0 | 79.4 |

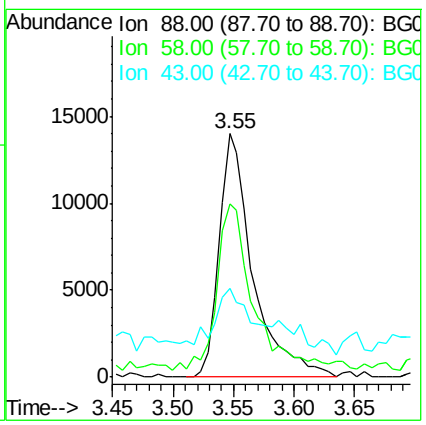


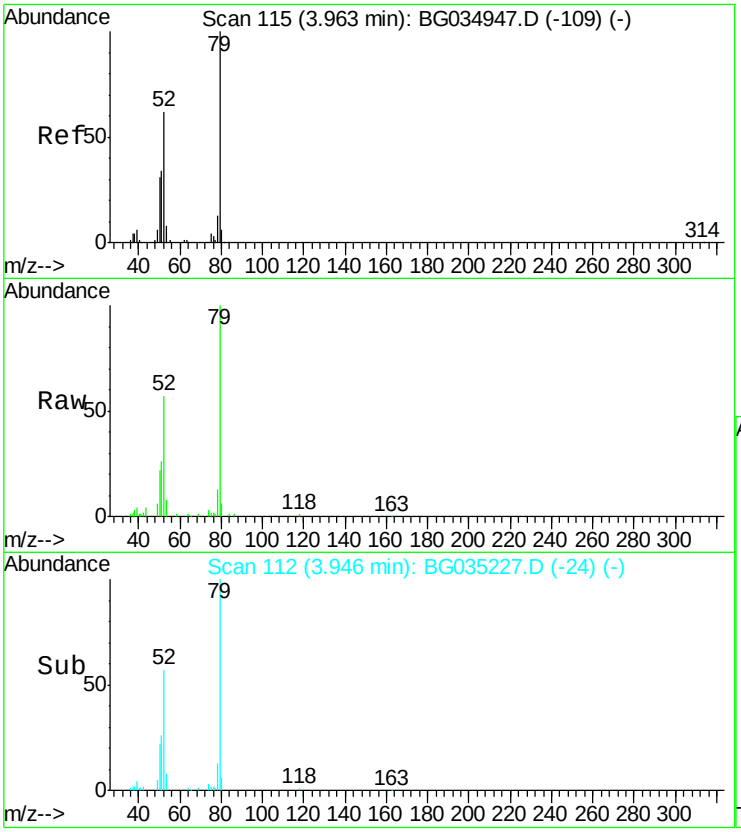




#2
1,4-Dioxane
Concen: 27.548 ng
RT: 3.55 min Scan# 44
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion: 88 Resp: 26984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 74.3 | 79.6 | 119.4# |
| 43 | 22.3 | 27.4 | 41.0# |



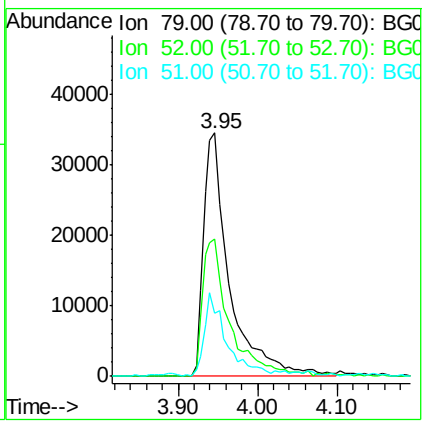


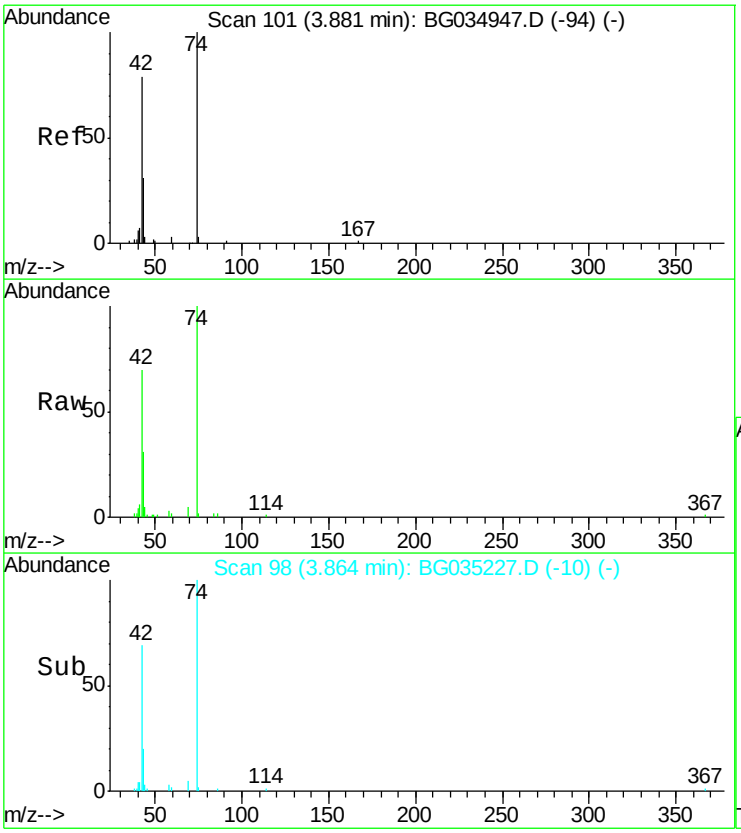

#3
Pyridine
Concen: 29.799 ng
RT: 3.95 min Scan# 112
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion: 79 Resp: 78755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 56.6 | 69.9 | 104.9# |
| 51 | 26.1 | 34.0 | 51.0# |

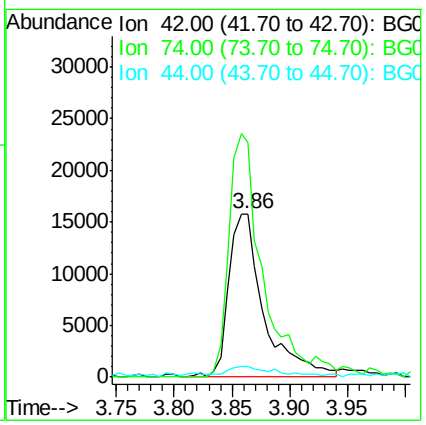


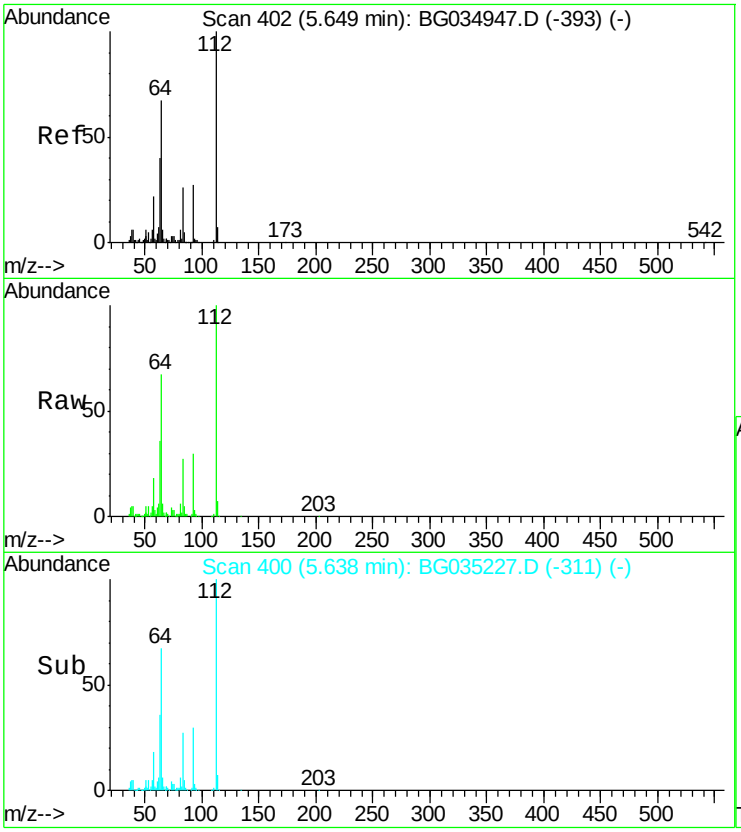




#4
n-Nitrosodimethylamine
Concen: 29.434 ng
RT: 3.86 min Scan# 98
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion: 42 Resp: 33419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 143.8 | 102.5 | 153.7 |
| 44 | 6.7 | 18.9 | 28.3# |



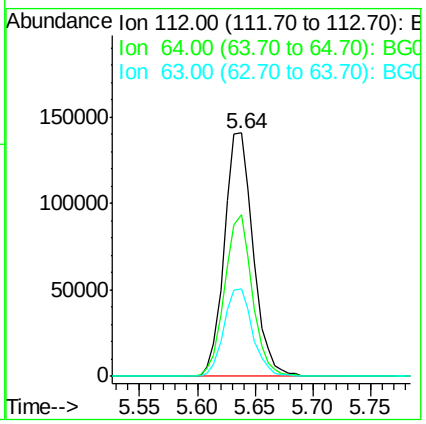


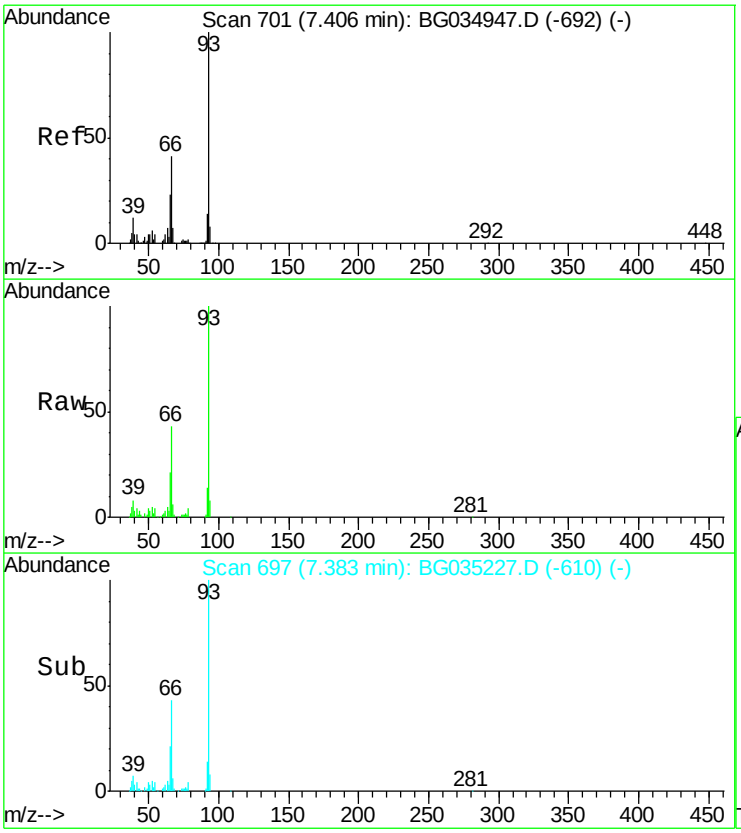

#5
2-Fluorophenol
Concen: 118.942 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:112 Resp: 244184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.5 | 56.3 | 84.5 |
| 63 | 35.9 | 30.1 | 45.1 |

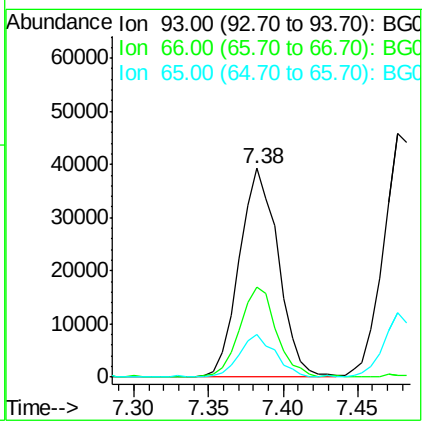


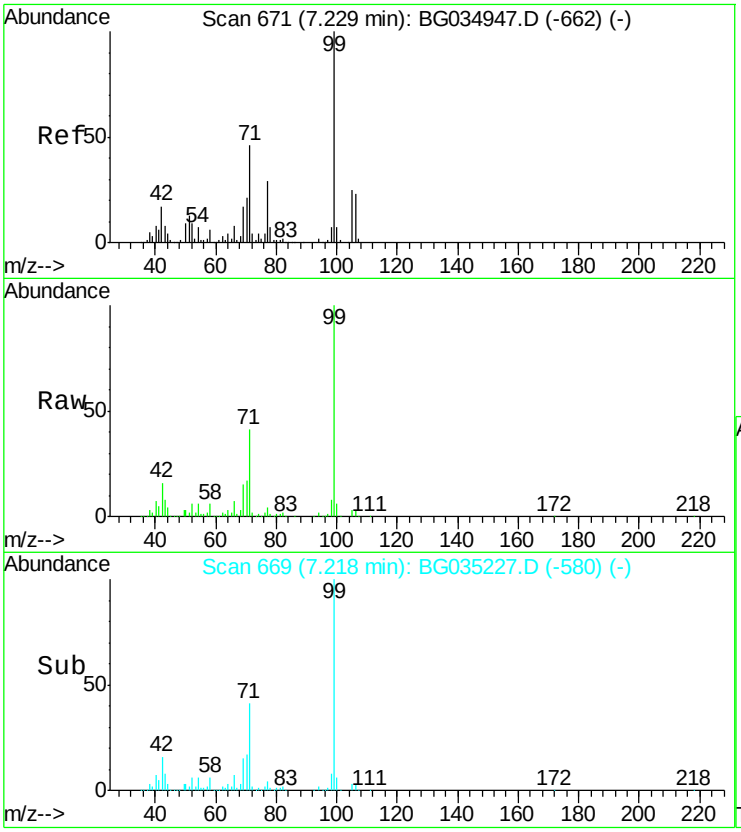




#6
Aniline
Concen: 18.098 ng
RT: 7.38 min Scan# 697
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion: 93 Resp: 70884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.9 | 33.7 | 50.5 |
| 65 | 20.6 | 16.1 | 24.1 |



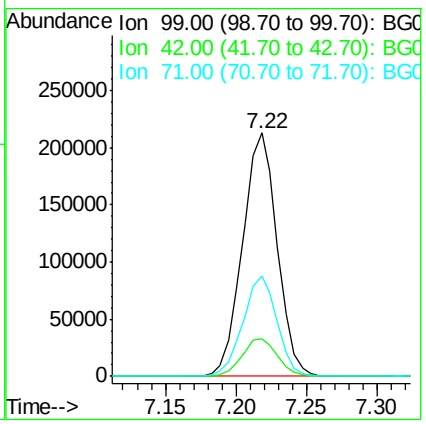


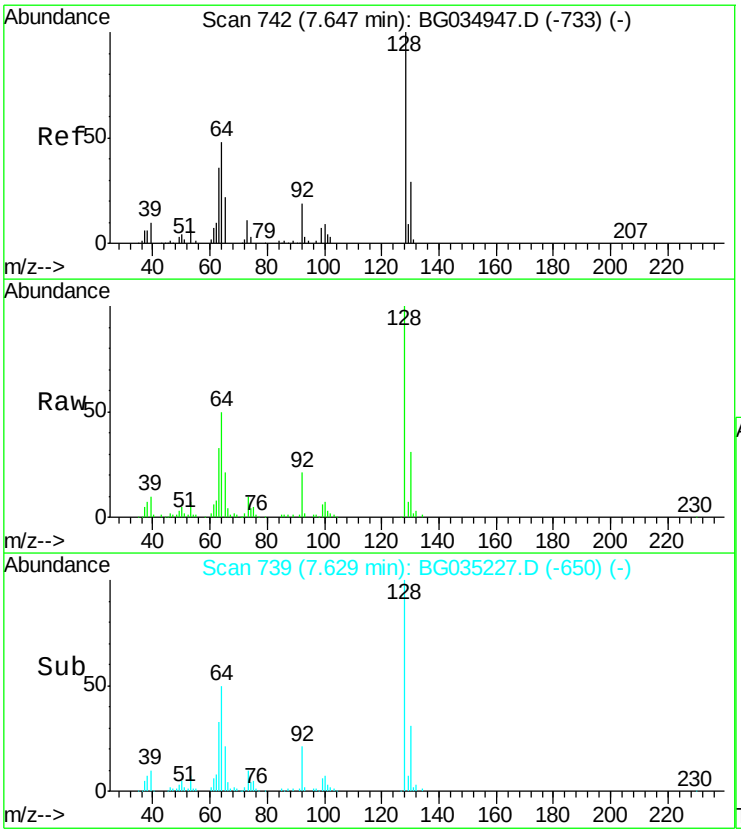

#7
Phenol-d6
Concen: 120.553 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion: 99 Resp: 365282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.6 | 14.1 | 21.1 |
| 71 | 40.9 | 26.1 | 39.1# |

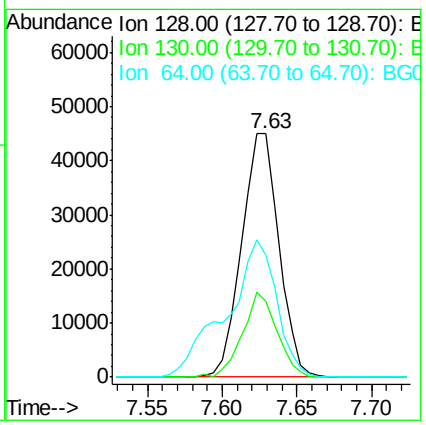


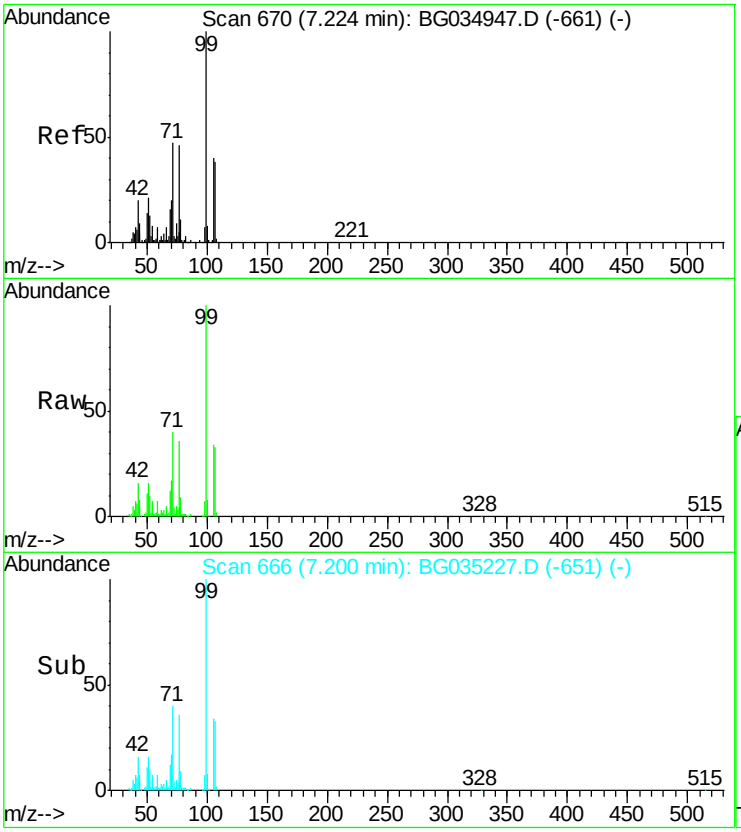




#8
2-Chlorophenol
Concen: 36.144 ng
RT: 7.63 min Scan# 739
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:128 Resp: 77780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.0 | 14.0 | 54.0 |
| 64 | 50.2 | 37.7 | 77.7 |



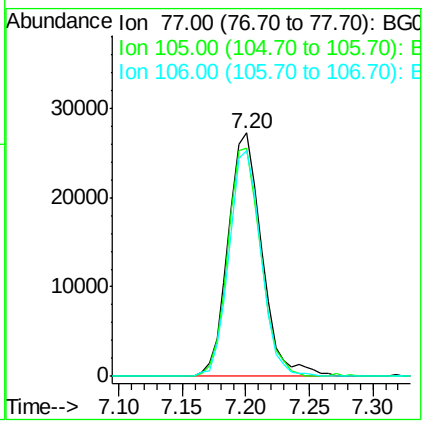


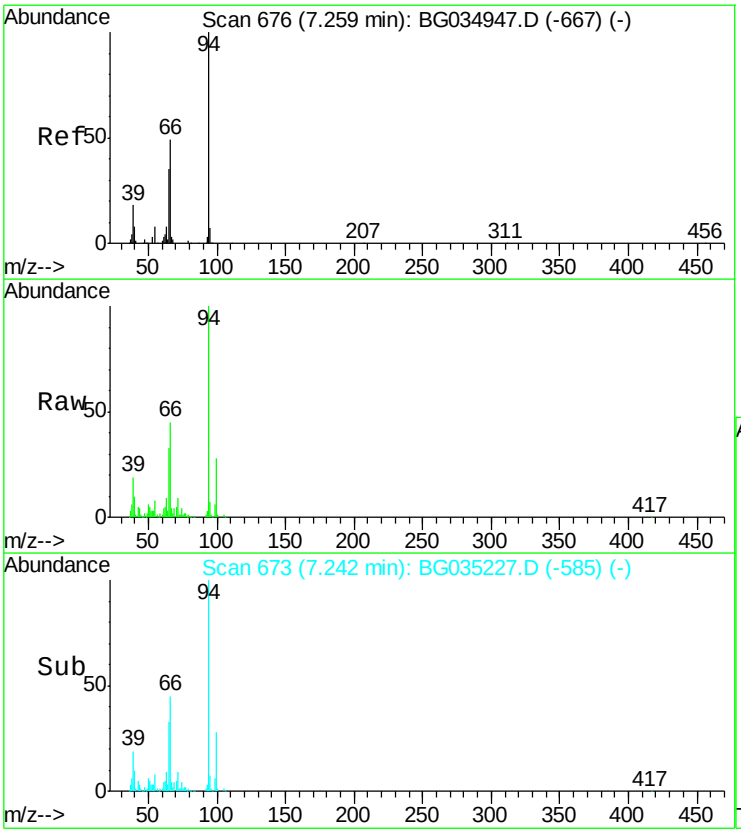

#9
Benzaldehyde
Concen: 21.523 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion: 77 Resp: 50235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 93.8 | 71.3 | 111.3 |
| 106 | 92.5 | 64.2 | 104.2 |

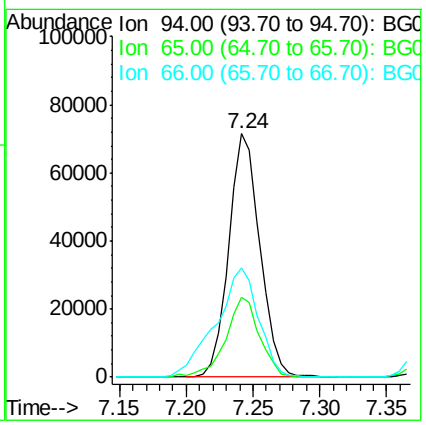


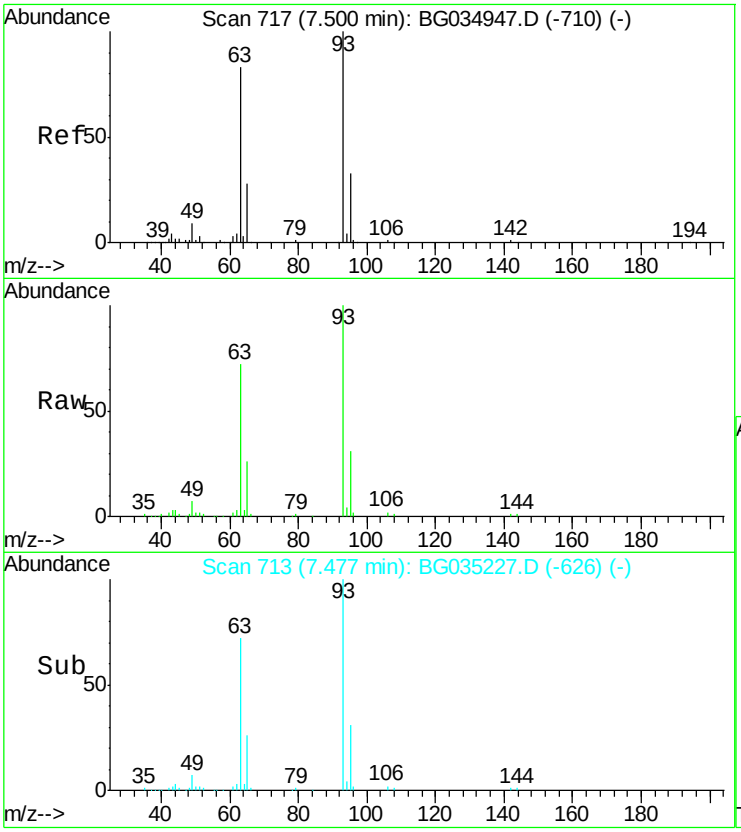




#10
Phenol
Concen: 36.986 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion: 94 Resp: 115980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.9 | 11.9 | 51.9 |
| 66 | 44.9 | 22.2 | 62.2 |



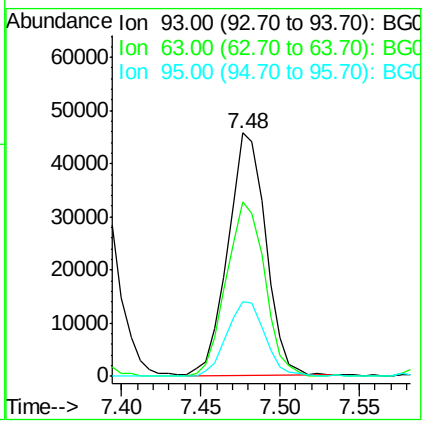


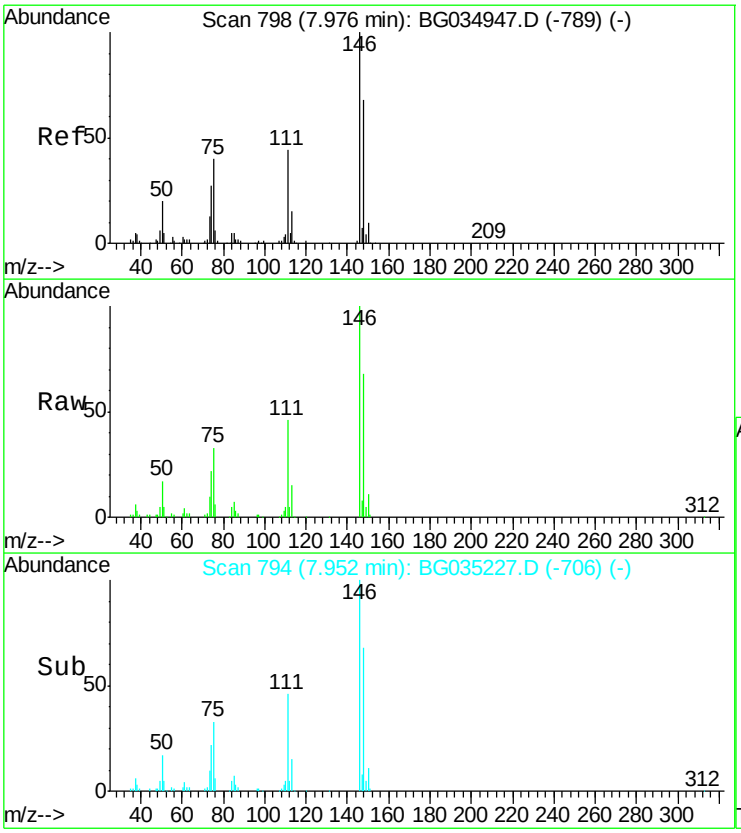

#11
bis(2-Chloroethyl)ether
Concen: 31.087 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion: 93 Resp: 75662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.9 | 67.1 | 107.1 |
| 95 | 30.5 | 11.5 | 51.5 |

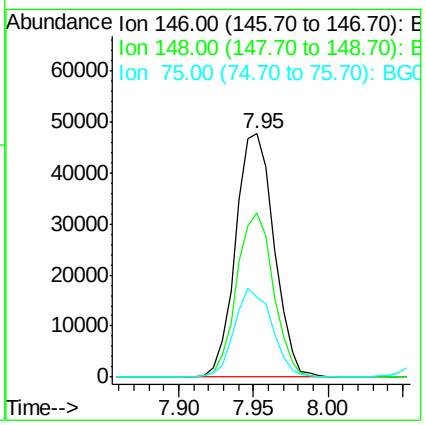


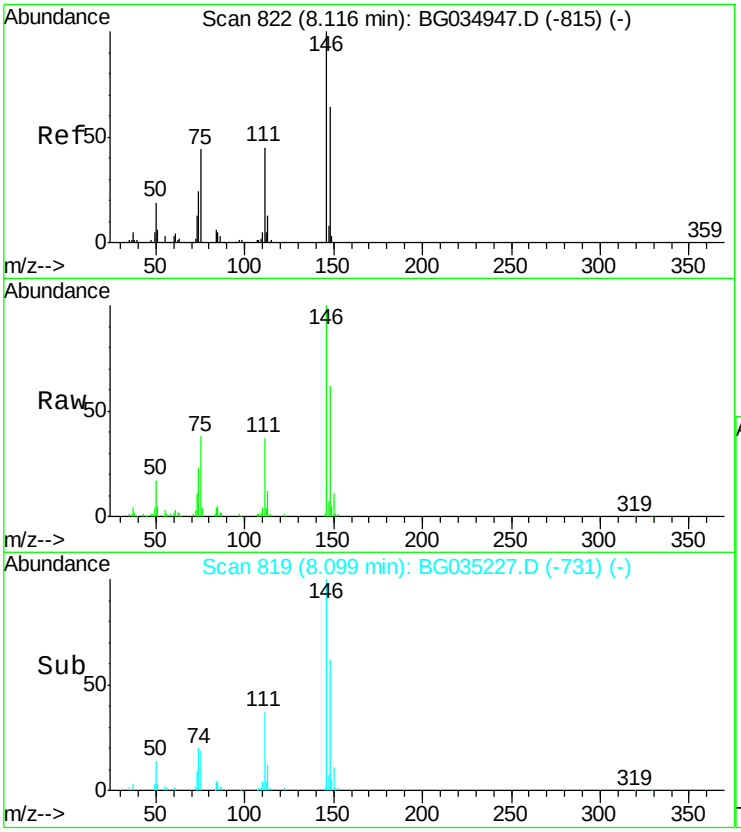




#12
1,3-Dichlorobenzene
Concen: 33.117 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:146 Resp: 85030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 67.6 | 51.4 | 77.2 |
| 75 | 32.9 | 26.6 | 39.8 |



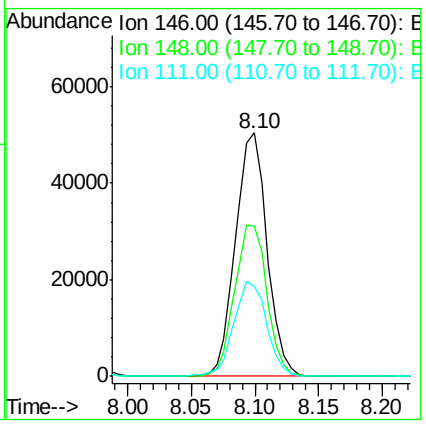


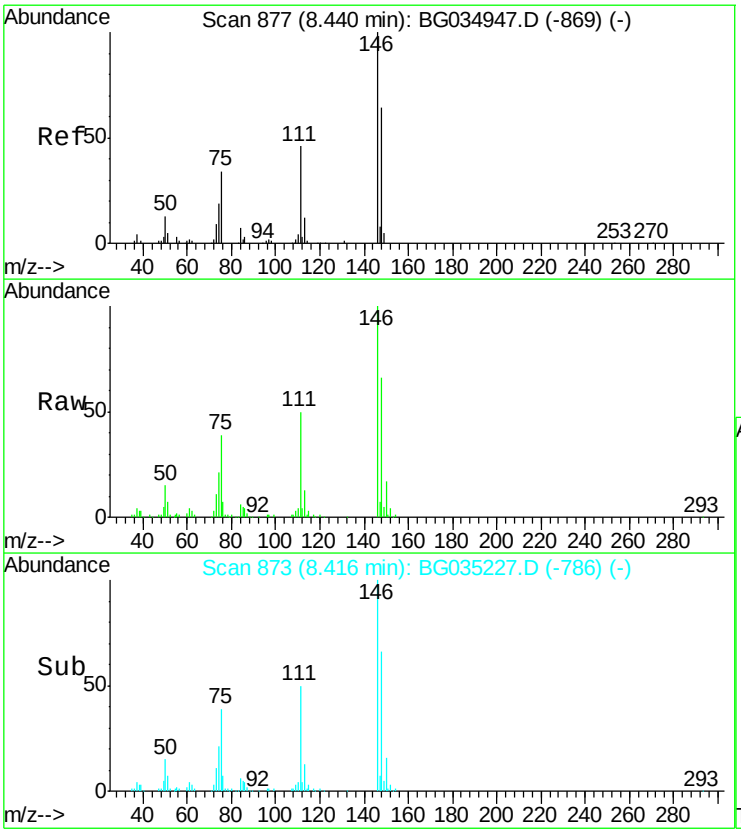

#13
1,4-Dichlorobenzene
Concen: 32.799 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:146 Resp: 86934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.8 | 53.7 | 80.5 |
| 111 | 36.7 | 35.2 | 52.8 |

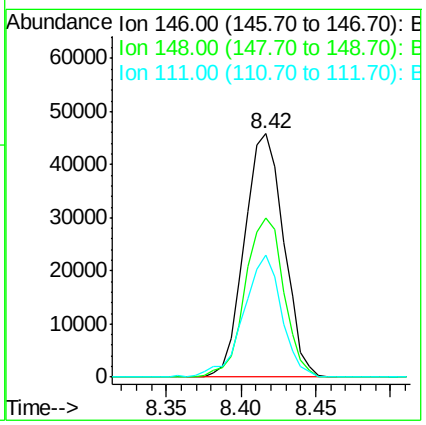


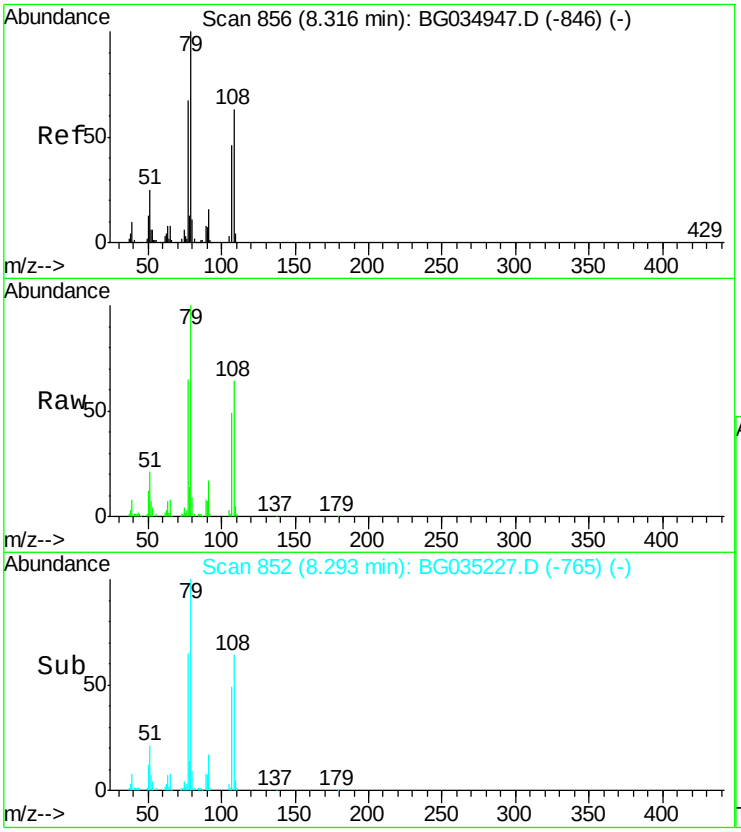




#14
1,2-Dichlorobenzene
Concen: 33.421 ng
RT: 8.42 min Scan# 873
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:146 Resp: 83207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.6 | 49.3 | 73.9 |
| 111 | 50.0 | 34.3 | 51.5 |



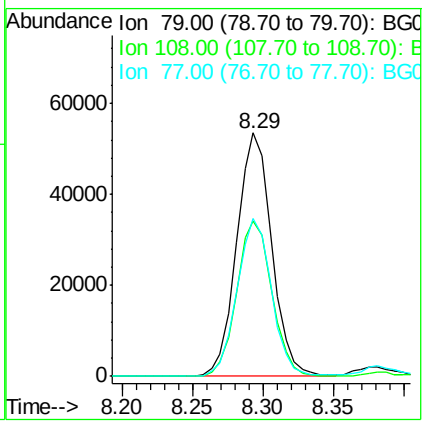


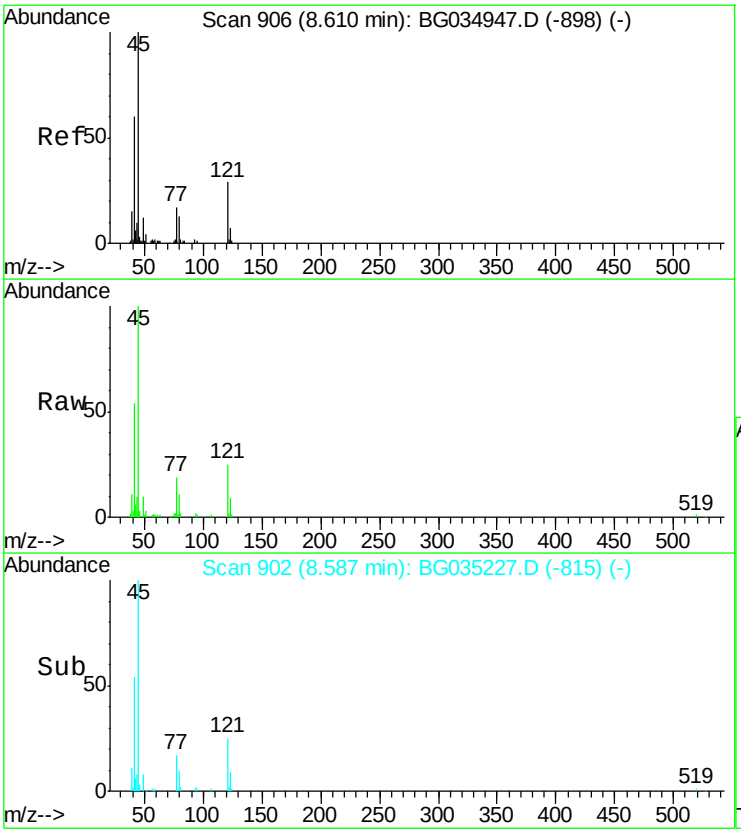

#15
Benzyl Alcohol
Concen: 32.348 ng
RT: 8.29 min Scan# 852
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion: 79 Resp: 92874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 63.9 | 57.2 | 85.8 |
| 77 | 65.1 | 46.1 | 69.1 |

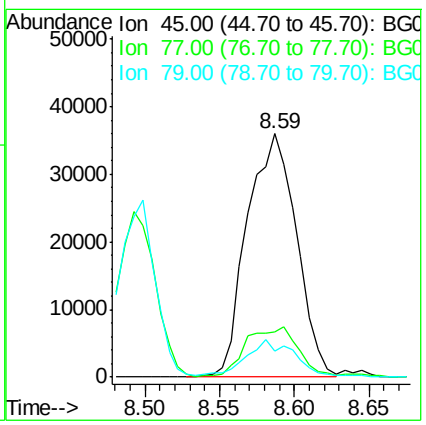


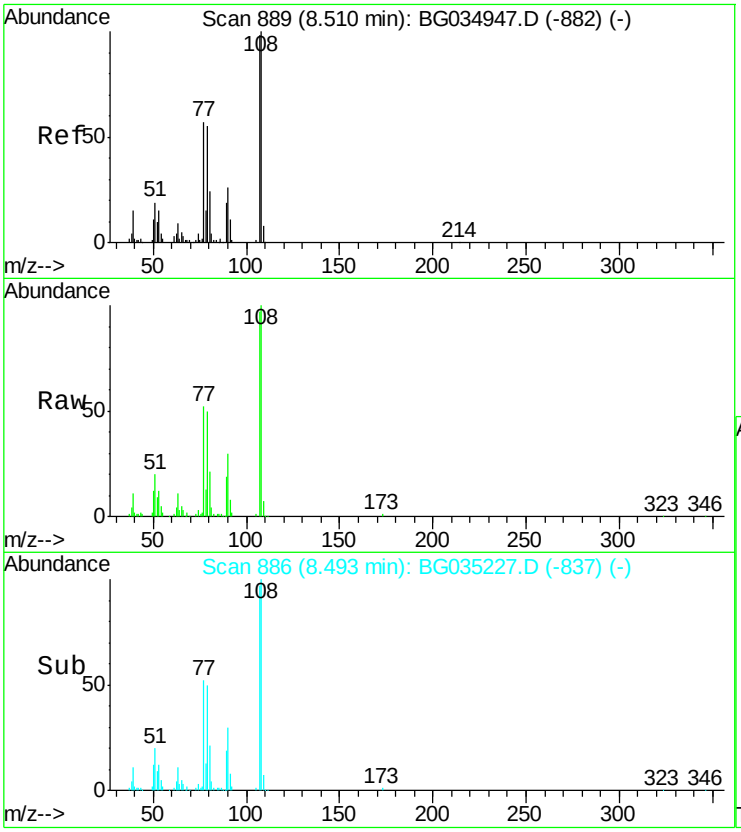




#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.057 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion: 45 Resp: 82501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 18.5 | 0.0 | 30.2 |
| 79 | 10.8 | 0.0 | 27.9 |



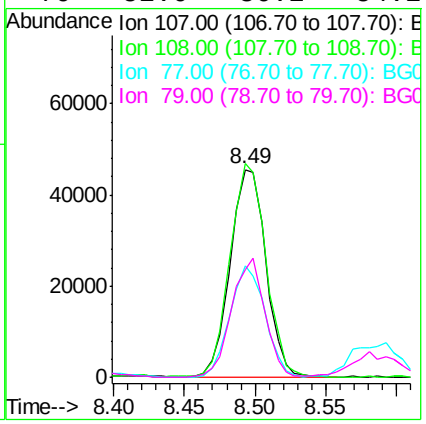


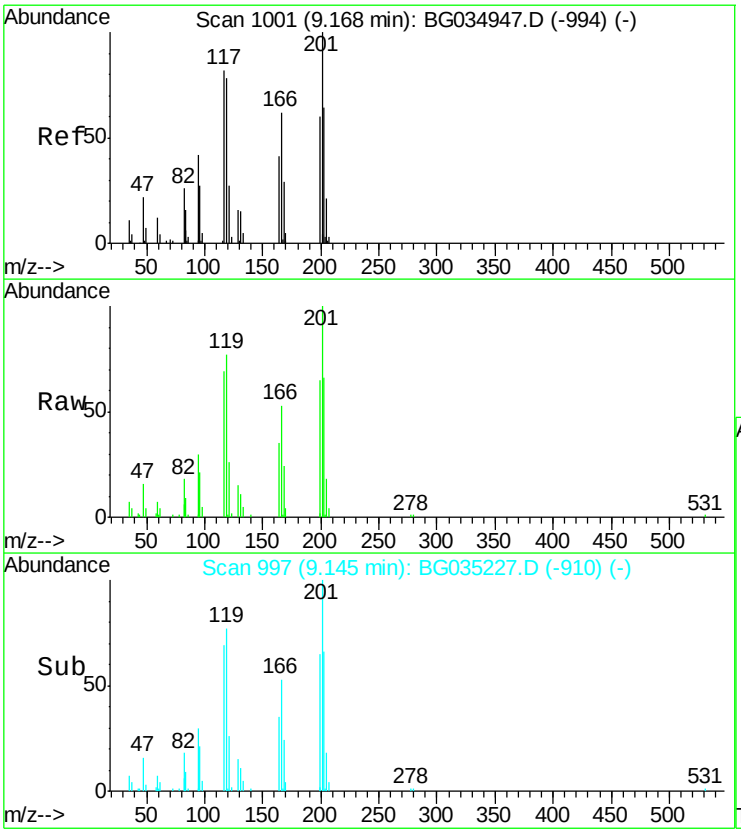

#17
2-Methylphenol
Concen: 38.724 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:107 Resp: 80057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 103.0 | 83.9 | 125.9 |
| 77 | 54.0 | 37.2 | 55.8 |
| 79 | 52.0 | 36.2 | 54.2 |

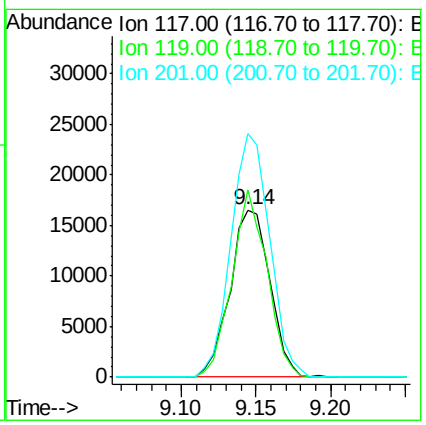


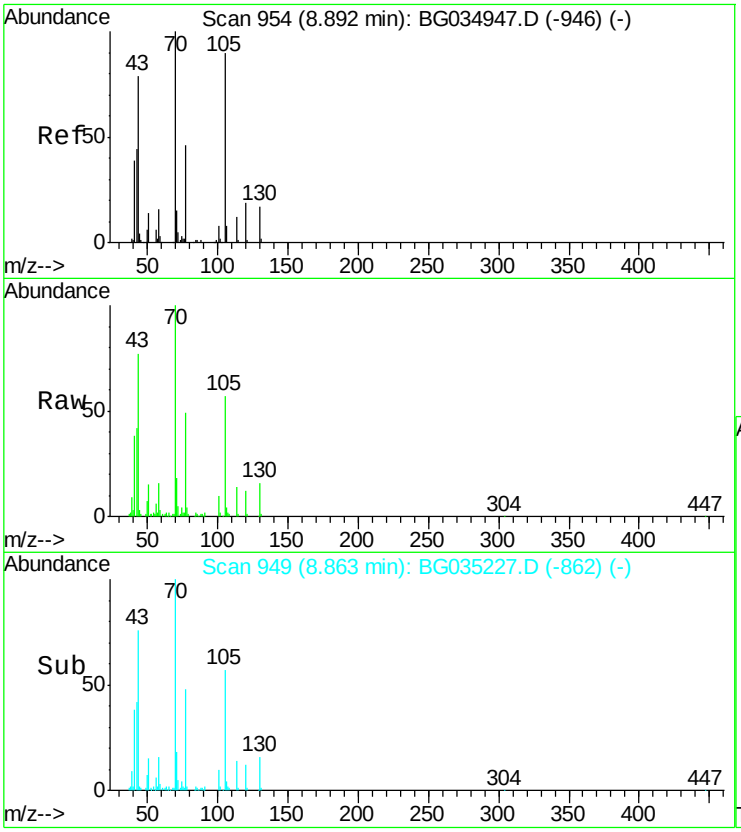




#18
Hexachloroethane
Concen: 32.381 ng
RT: 9.14 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:117 Resp: 30726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 112.6 | 76.7 | 115.1 |
| 201 | 145.9 | 95.7 | 143.5# |



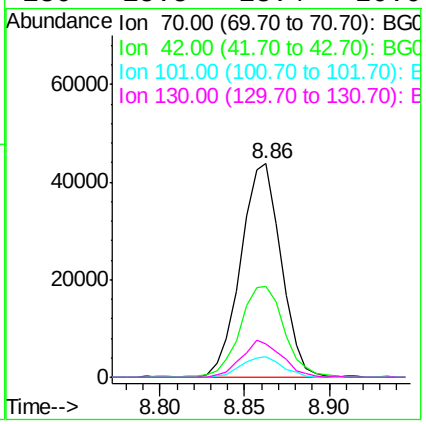


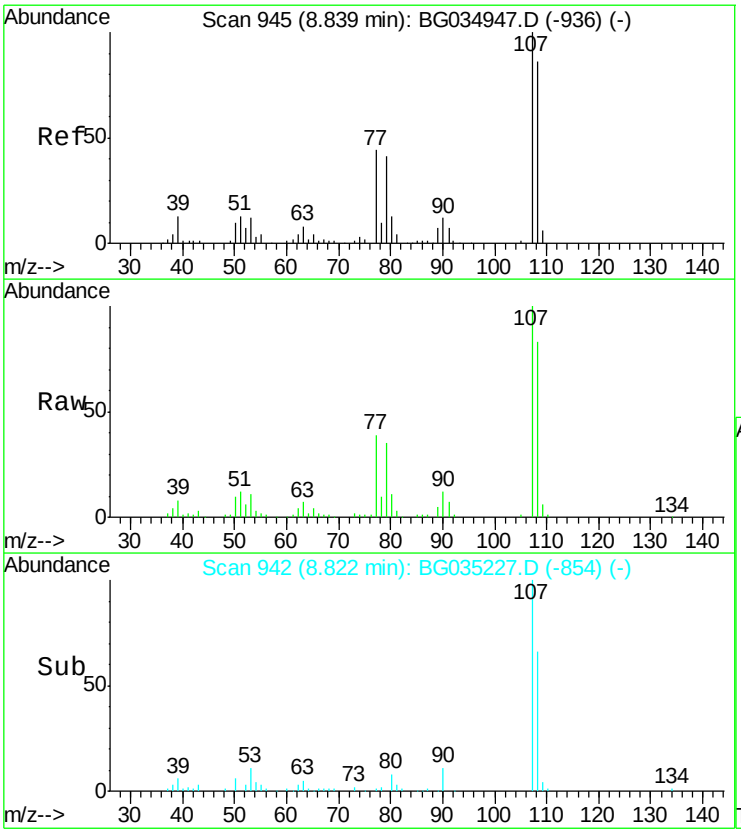

#19
n-Nitroso-di-n-propylamine
Concen: 28.170 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion: 70 Resp: 72516

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 42.3 | 49.1 | 73.7# |
| 101 | 9.8 | 8.5 | 12.7 |
| 130 | 15.5 | 13.4 | 20.0 |

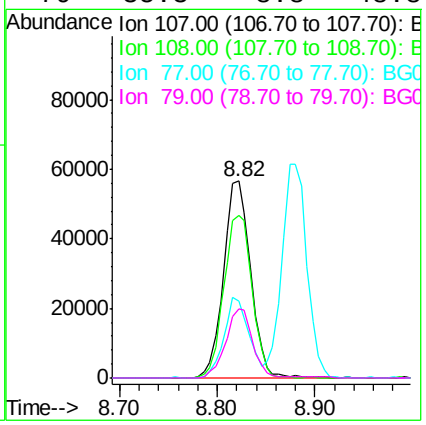


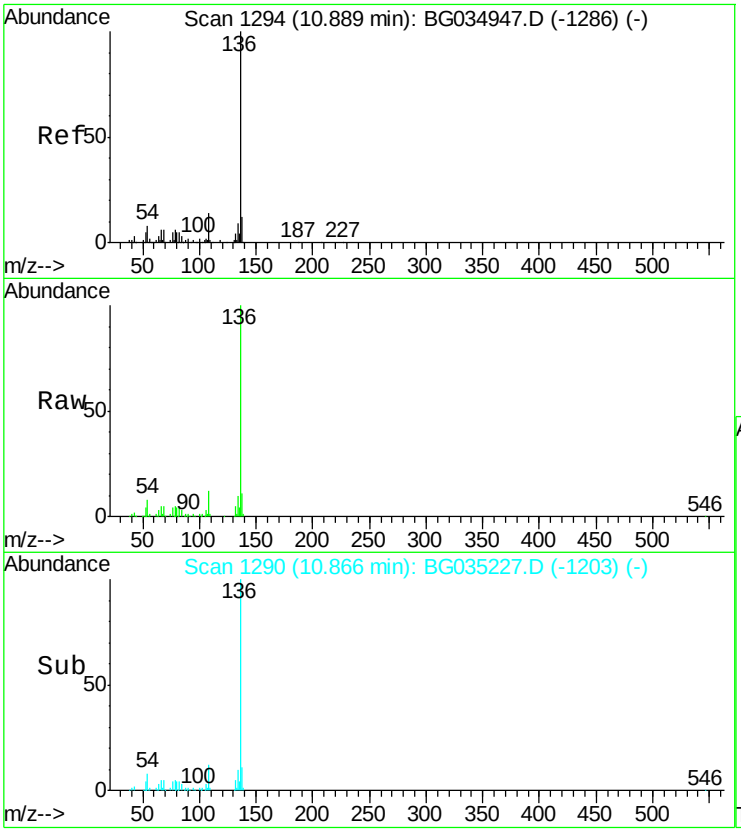




#20
3+4-Methylphenols
Concen: 36.747 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:107 Resp: 108894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 82.8 | 61.6 | 101.6 |
| 77 | 39.0 | 13.9 | 53.9 |
| 79 | 35.3 | 8.8 | 48.8 |



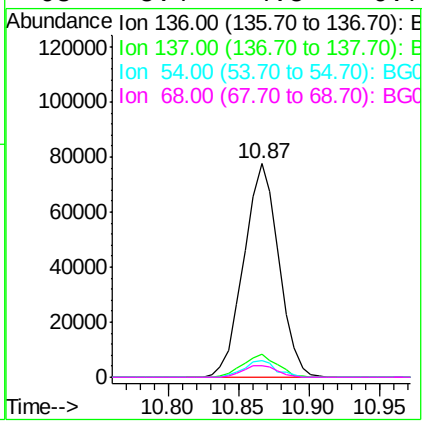


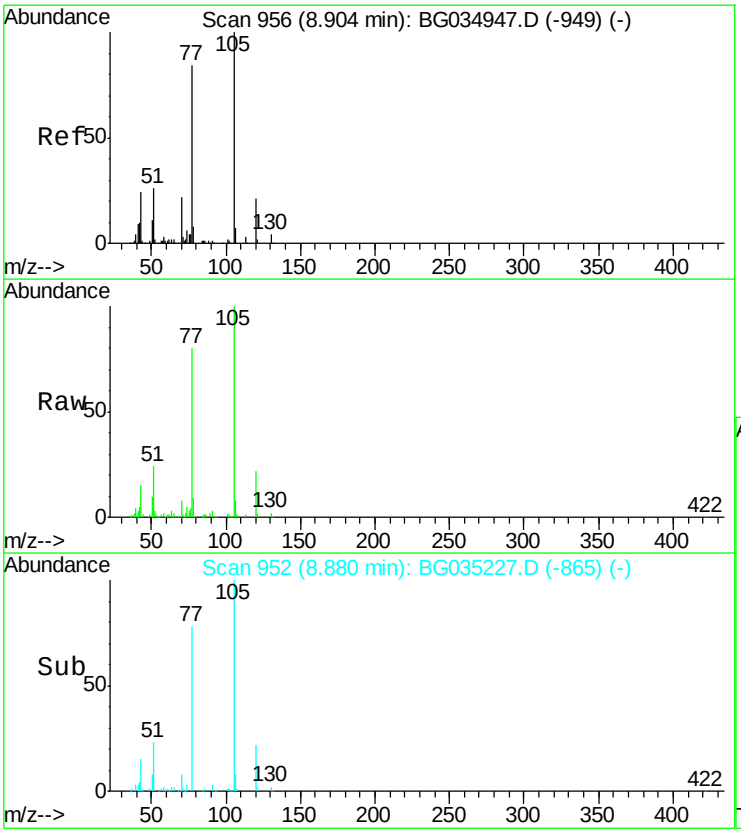

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:136 Resp: 134706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.2 | 13.8 |
| 54 | 7.8 | 10.3 | 15.5# |
| 68 | 5.4 | 4.5 | 6.7 |

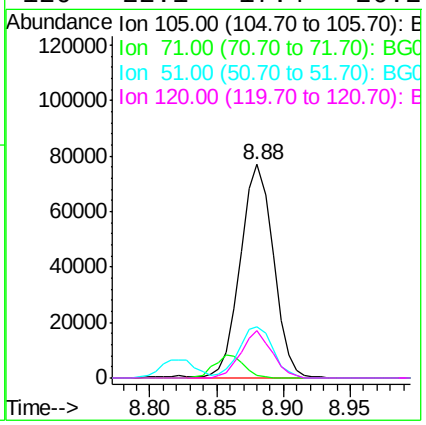


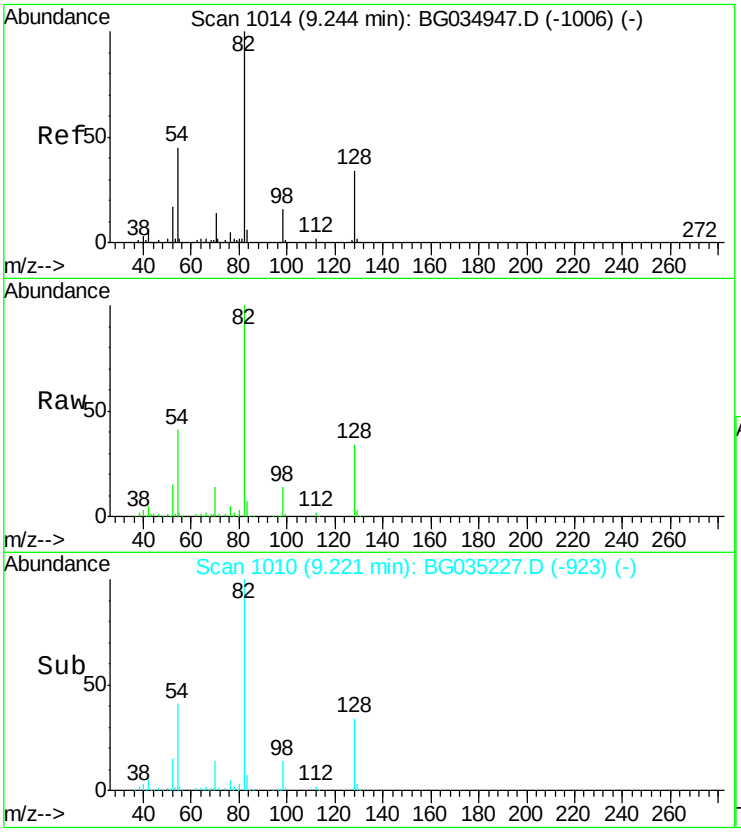




#22
Acetophenone
Concen: 31.644 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:105 Resp: 132044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.2 | 3.0 | 4.4# |
| 51 | 23.8 | 26.1 | 39.1# |
| 120 | 22.1 | 17.4 | 26.2 |



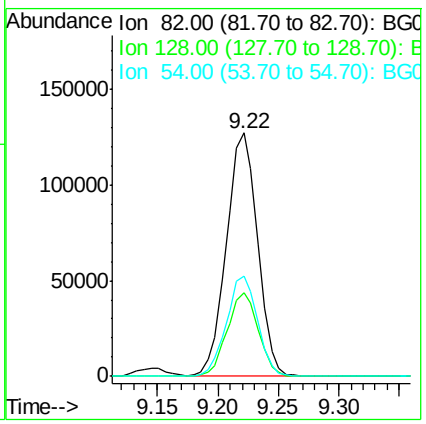


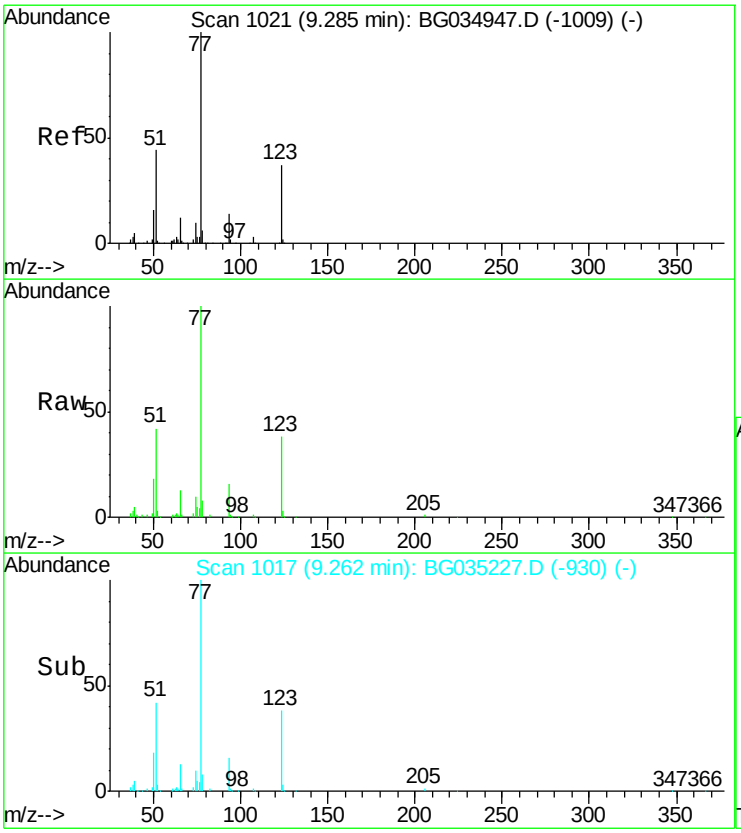

#23
Nitrobenzene-d5
Concen: 80.759 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion: 82 Resp: 228860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.3 | 29.7 | 44.5 |
| 54 | 41.3 | 43.1 | 64.7# |

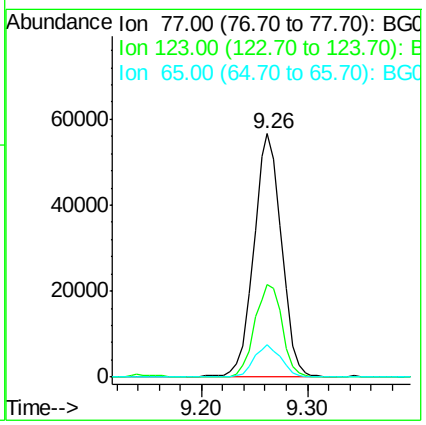


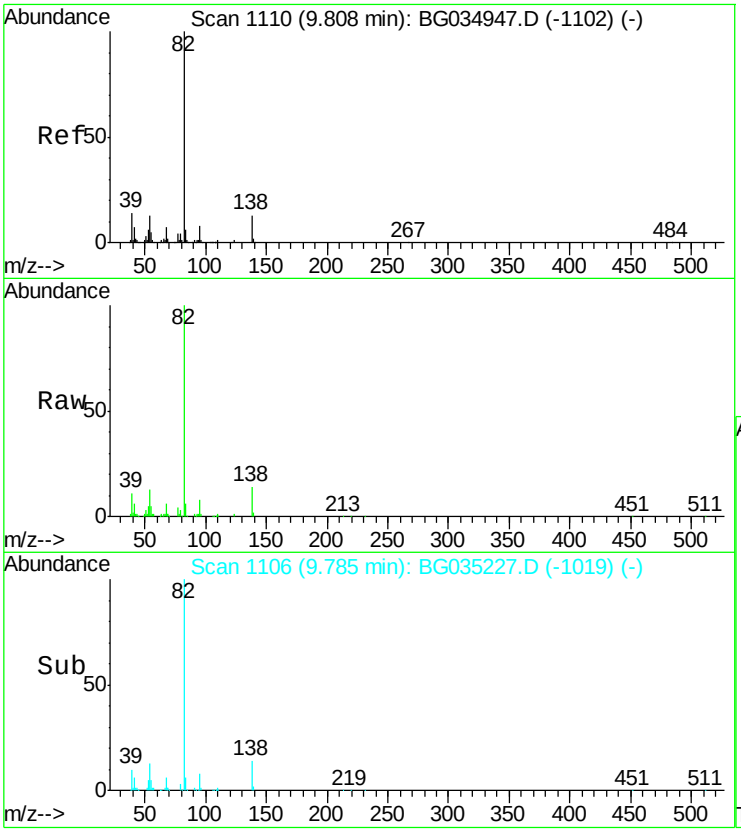




#24
Nitrobenzene
Concen: 35.644 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion: 77 Resp: 103435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 37.9 | 33.0 | 49.6 |
| 65 | 13.3 | 13.0 | 19.6 |



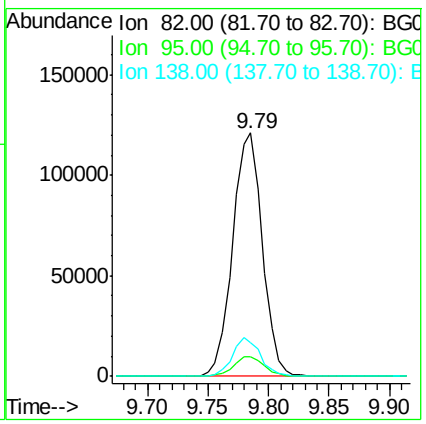


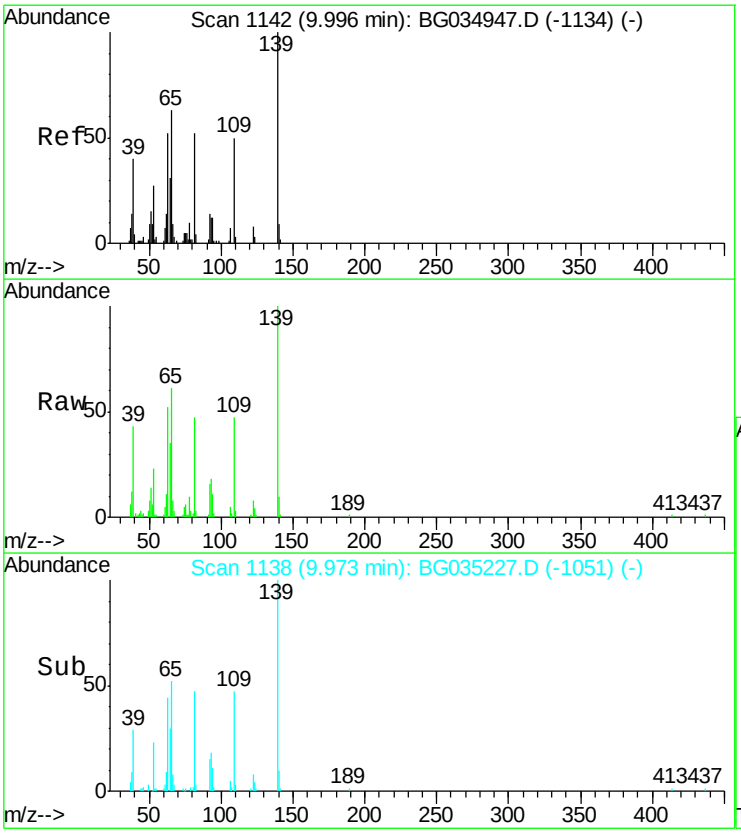

#25
Isophorone
Concen: 34.653 ng
RT: 9.79 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion: 82 Resp: 207337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.1 | 6.2 | 9.2 |
| 138 | 14.1 | 12.1 | 18.1 |

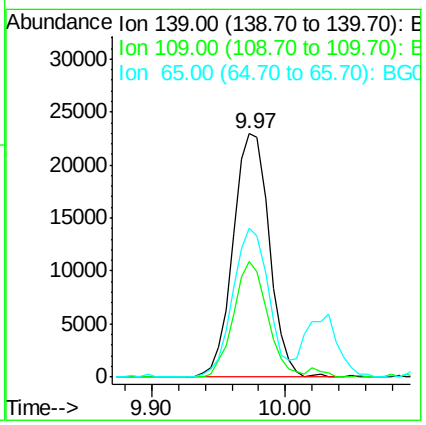


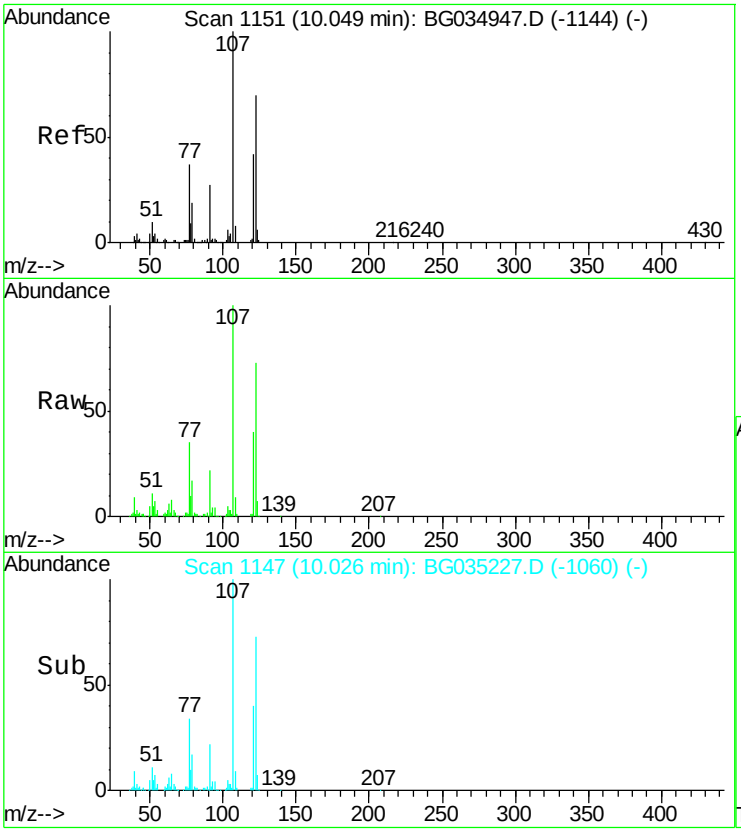




#26
2-Nitrophenol
Concen: 42.912 ng
RT: 9.97 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:139 Resp: 42923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 47.2 | 24.2 | 36.2# |
| 65 | 60.9 | 47.4 | 71.0 |



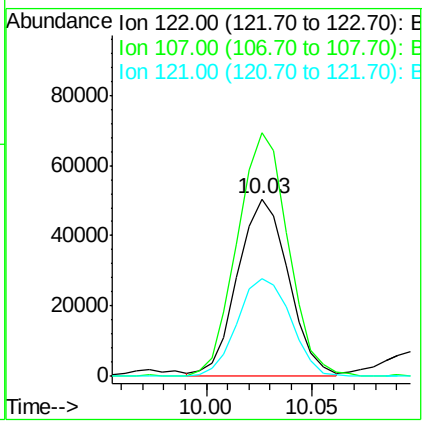


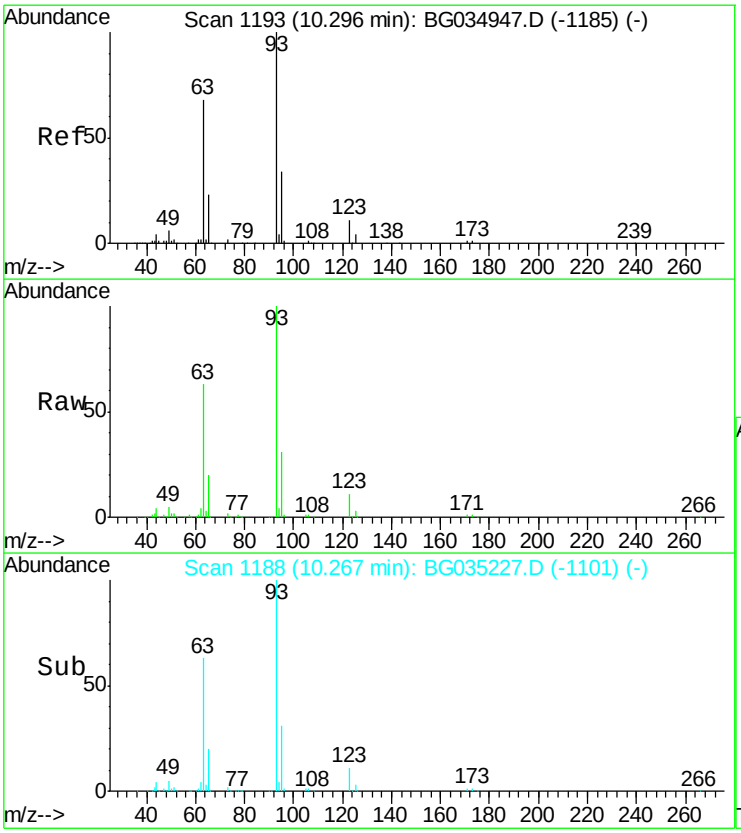

#27
2,4-Dimethylphenol
Concen: 40.060 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:122 Resp: 84226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 137.2 | 100.2 | 150.2 |
| 121 | 55.4 | 44.4 | 66.6 |

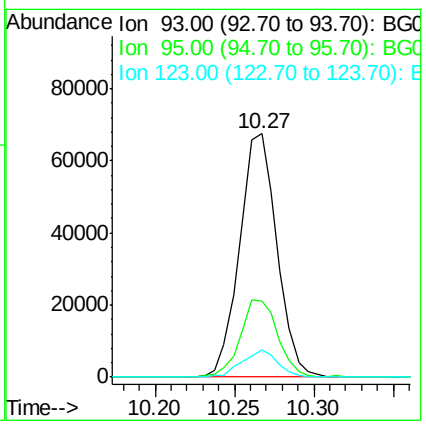


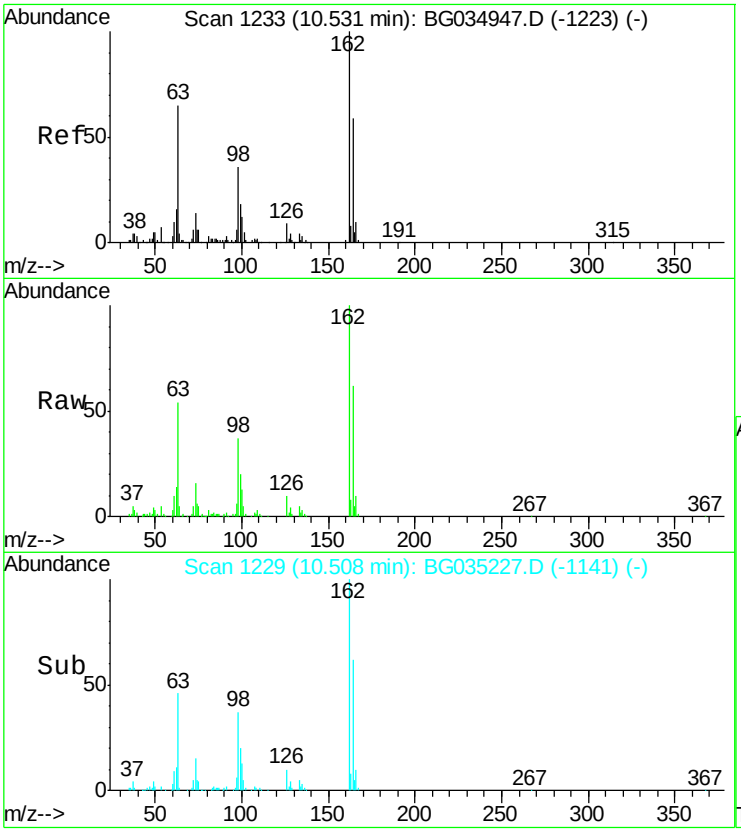




#28
bis(2-Chloroethoxy)methane
Concen: 34.300 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion: 93 Resp: 110282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.4 | 24.3 | 36.5 |
| 123 | 11.2 | 8.4 | 12.6 |



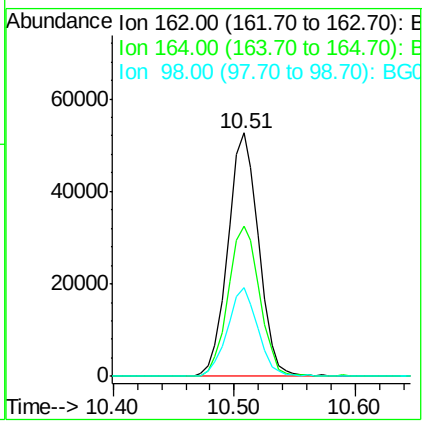


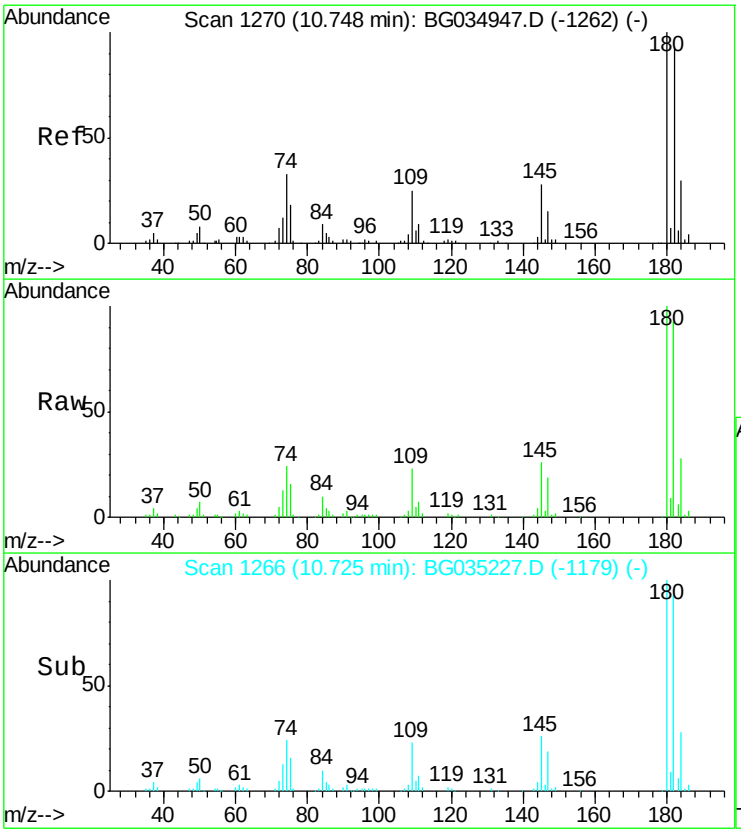

#29
2,4-Dichlorophenol
Concen: 40.710 ng
RT: 10.51 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:162 Resp: 93134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 61.6 | 48.0 | 88.0 |
| 98 | 36.5 | 21.1 | 61.1 |

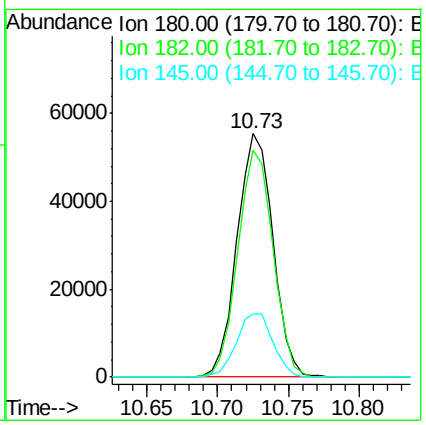


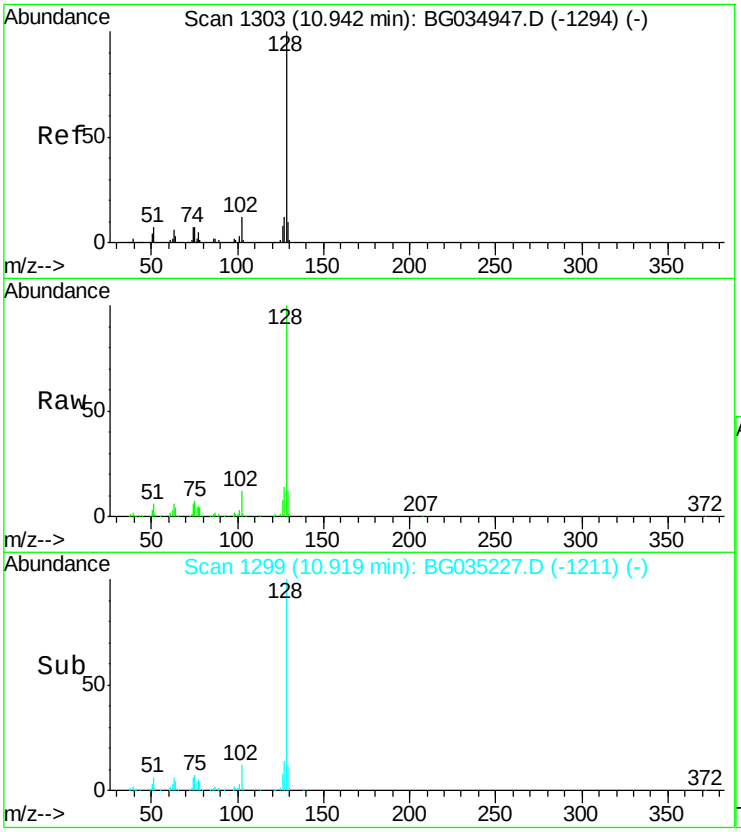




#30
1,2,4-Trichlorobenzene
Concen: 35.805 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:180 Resp: 98220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.1 | 77.5 | 116.3 |
| 145 | 25.9 | 23.4 | 35.2 |



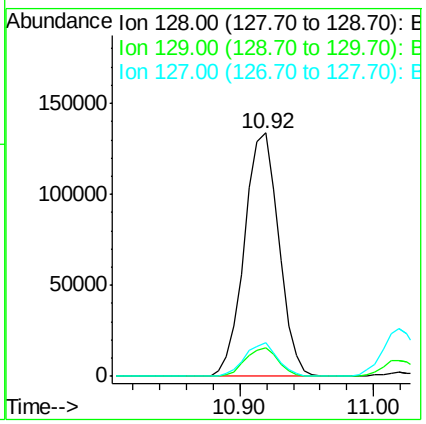


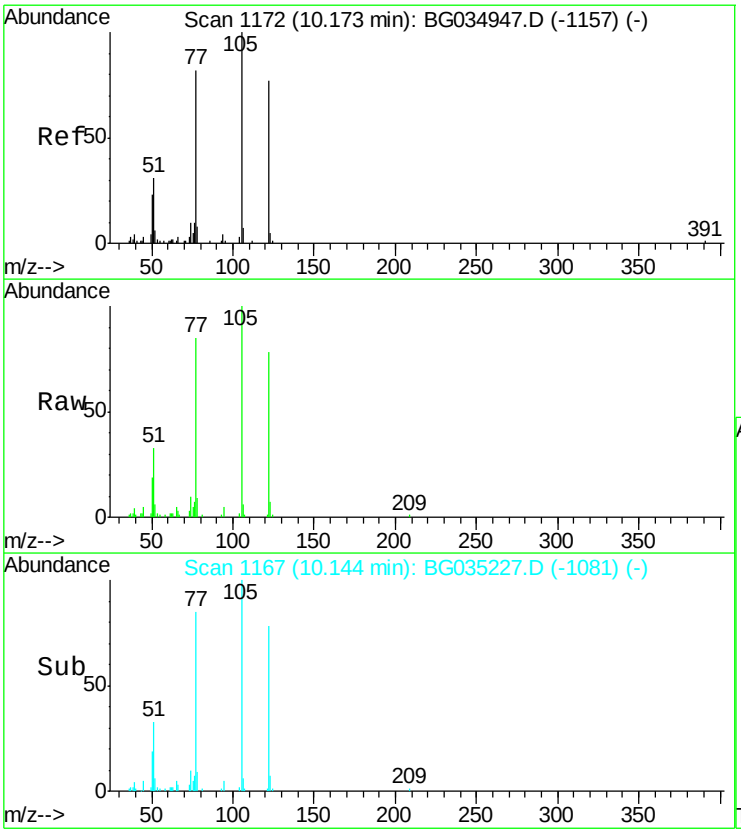

#31
Naphthalene
Concen: 34.002 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:128 Resp: 237942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.8 | 8.6 | 12.8 |
| 127 | 13.6 | 11.6 | 17.4 |

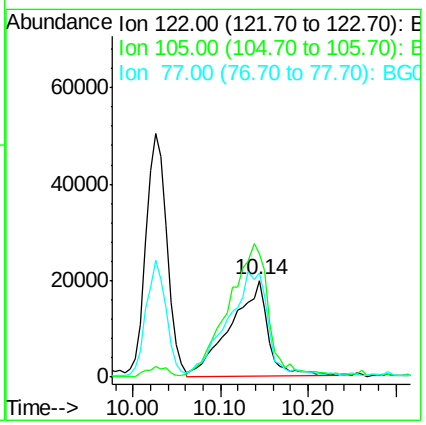


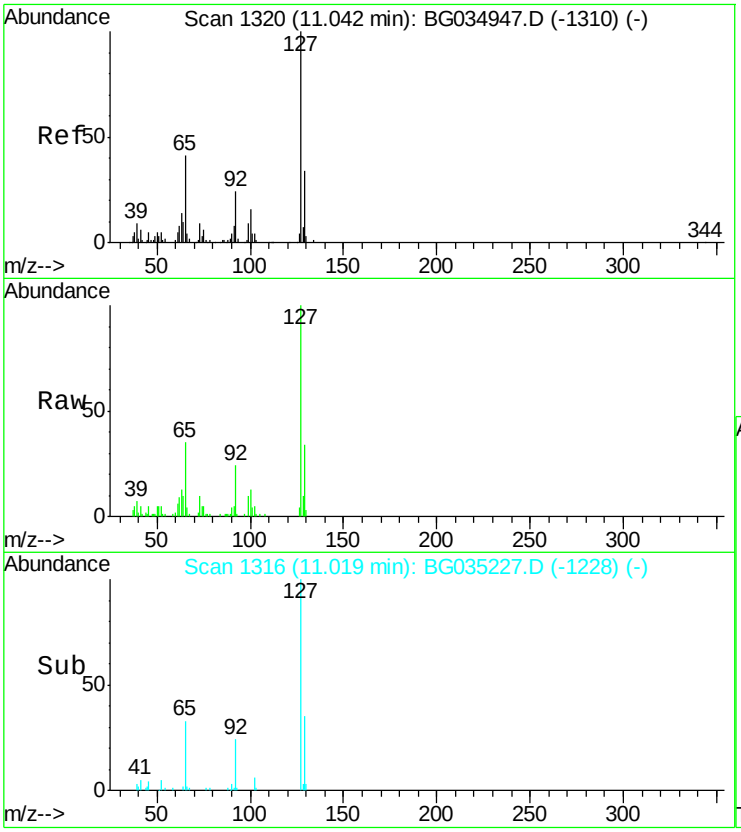




#32
Benzoic acid
Concen: 40.387 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:122 Resp: 56876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.7 | 123.5 | 163.5 |
| 77 | 108.5 | 85.7 | 125.7 |



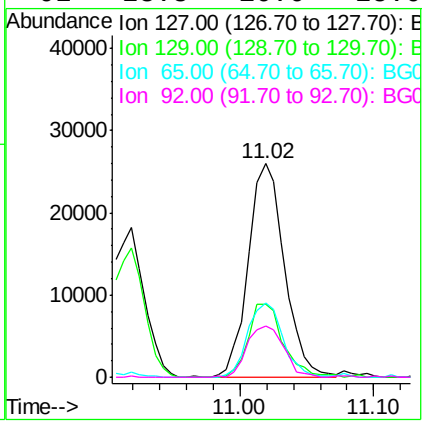


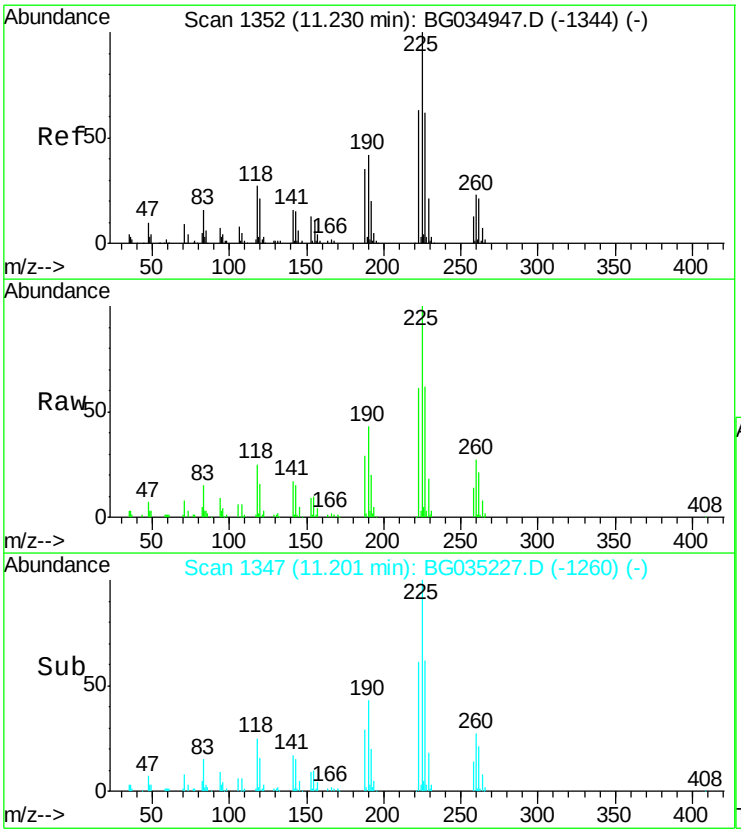

#33
4-Chloroaniline
Concen: 15.964 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:127 Resp: 48508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 34.4 | 24.0 | 36.0 |
| 65 | 34.5 | 27.0 | 40.4 |
| 92 | 23.8 | 16.6 | 25.0 |

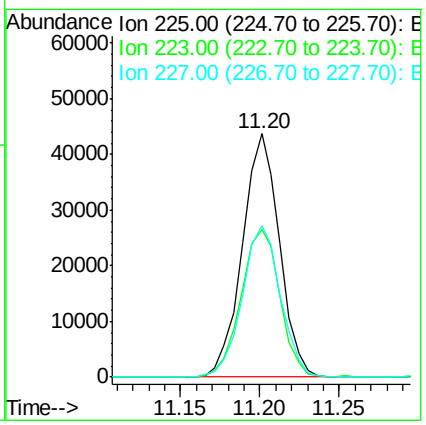


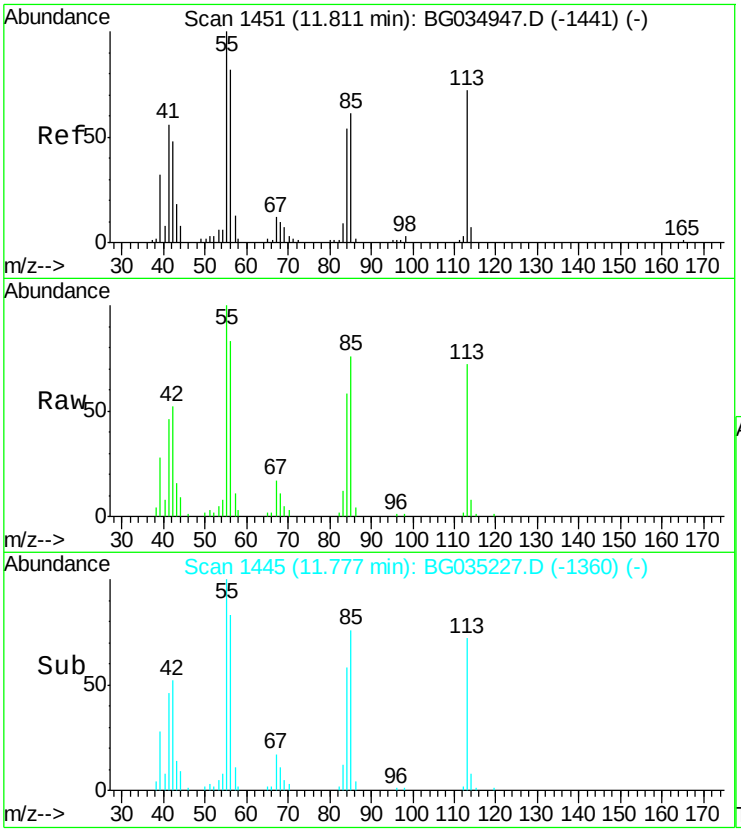




#34
Hexachlorobutadiene
Concen: 33.232 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:225 Resp: 70897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.6 | 49.7 | 74.5 |
| 227 | 62.1 | 48.1 | 72.1 |



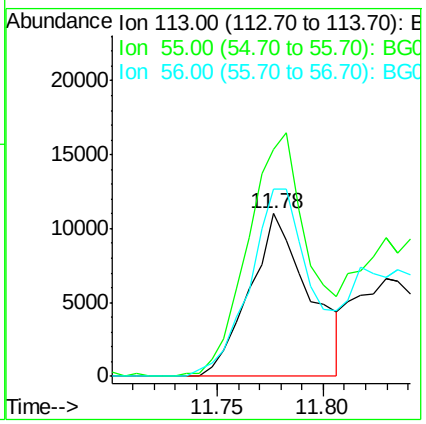


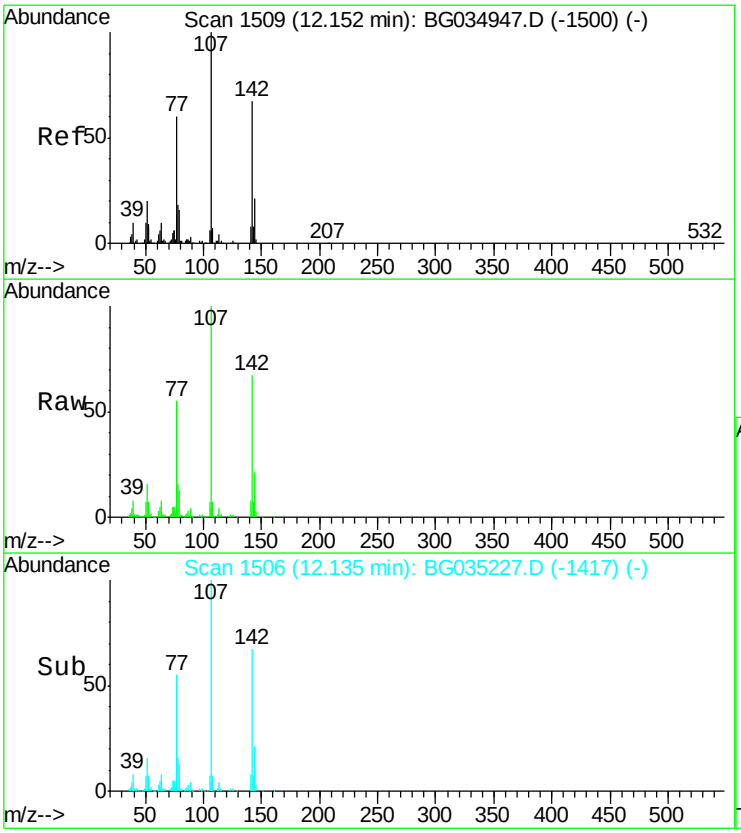

#35
Caprolactam
Concen: 25.406 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.03 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:113 Resp: 21480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 139.0 | 186.9 | 226.9# |
| 56 | 115.0 | 130.9 | 170.9# |

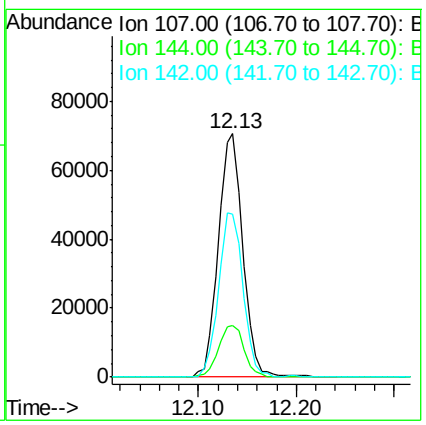


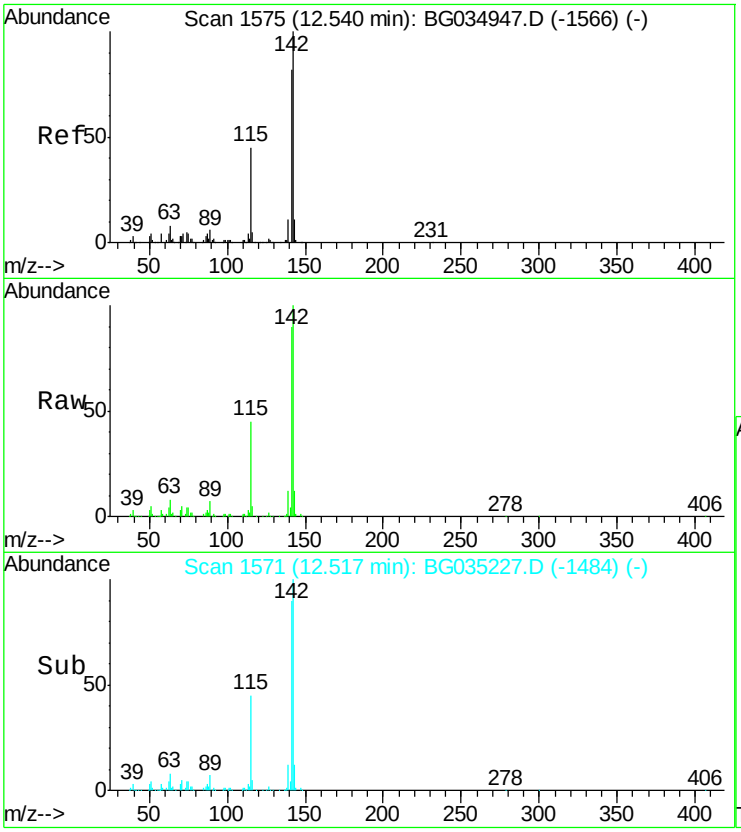




#36
4-Chloro-3-methylphenol
Concen: 43.001 ng
RT: 12.13 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:107 Resp: 122628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 21.4 | 18.2 | 27.4 |
| 142 | 67.2 | 59.0 | 88.4 |



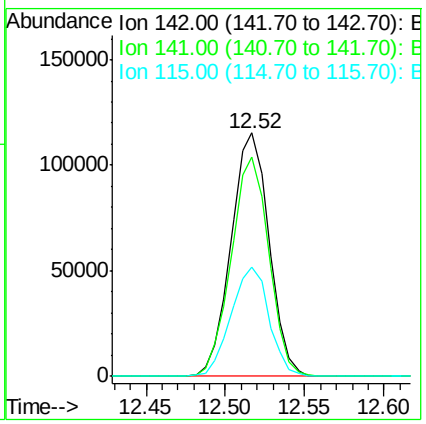


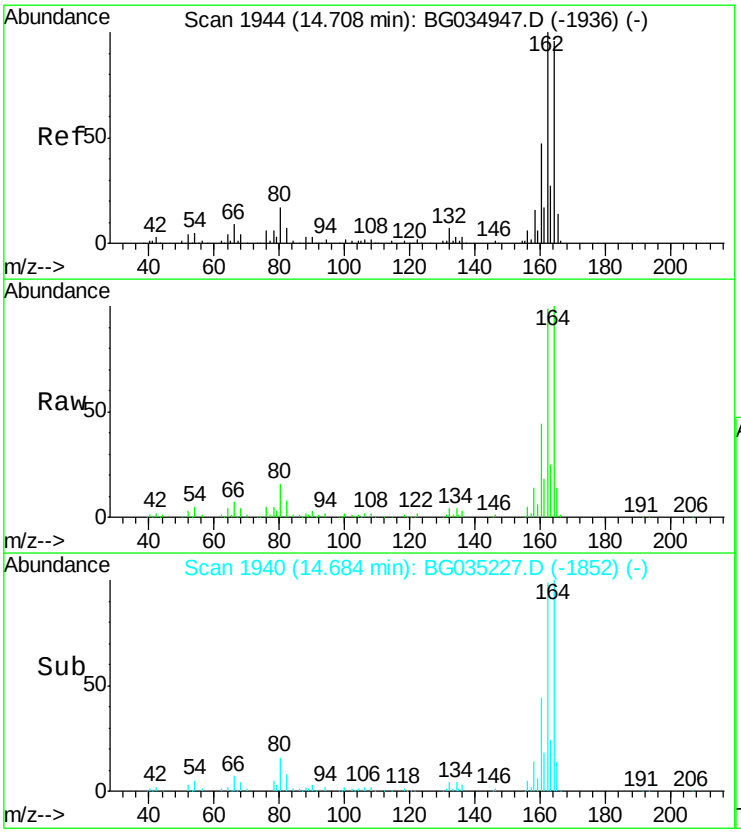

#37
2-Methylnaphthalene
Concen: 36.061 ng
RT: 12.52 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:142 Resp: 191321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 67.1 | 100.7 |
| 115 | 45.0 | 30.7 | 46.1 |

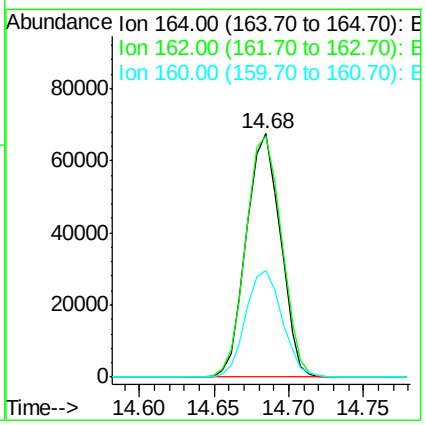


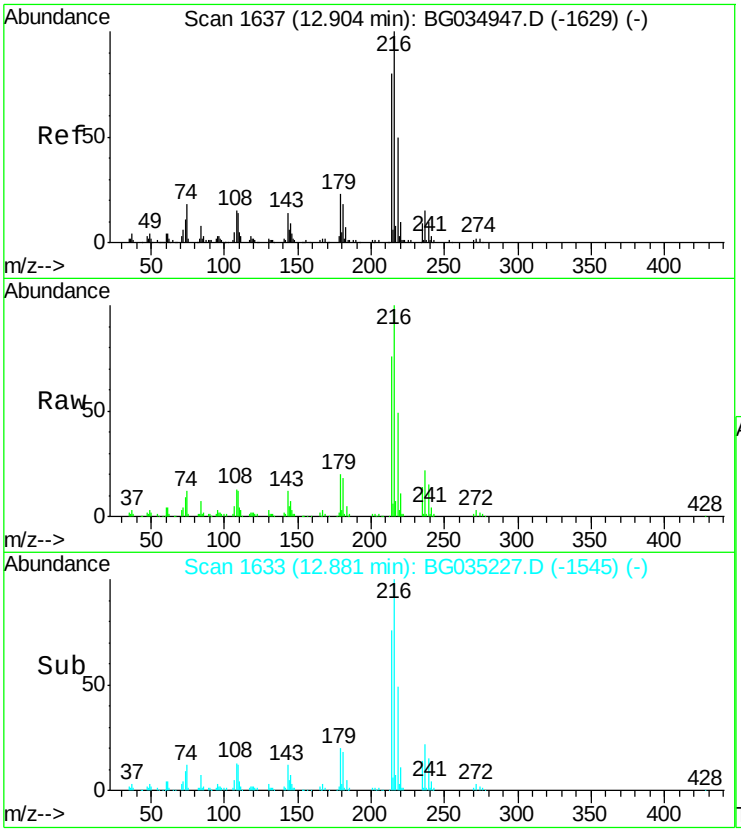




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:164 Resp: 106770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.8 | 78.8 | 118.2 |
| 160 | 43.6 | 35.4 | 53.0 |



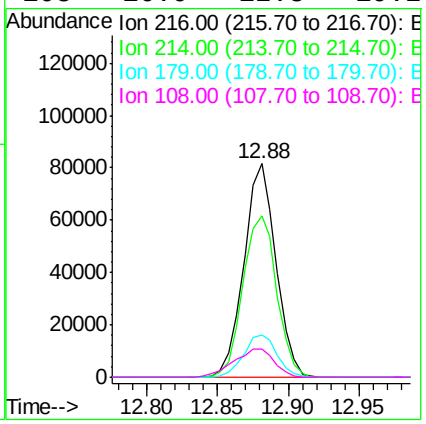


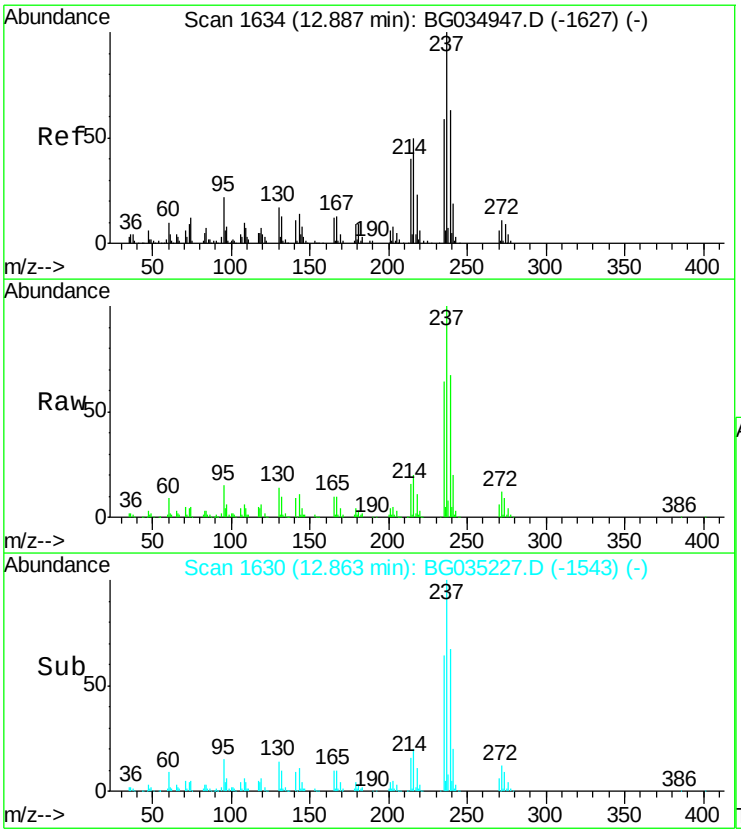

#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.611 ng
RT: 12.88 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:216 Resp: 129692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.9 | 63.0 | 94.4 |
| 179 | 20.4 | 17.0 | 25.6 |
| 108 | 16.9 | 12.8 | 19.2 |

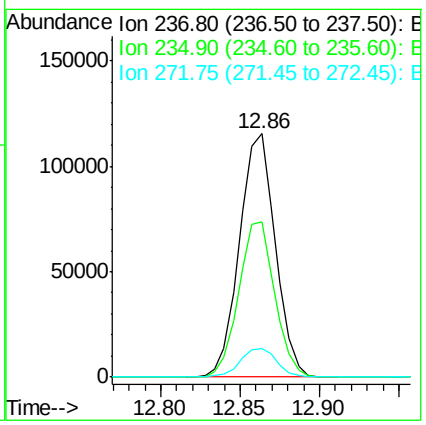


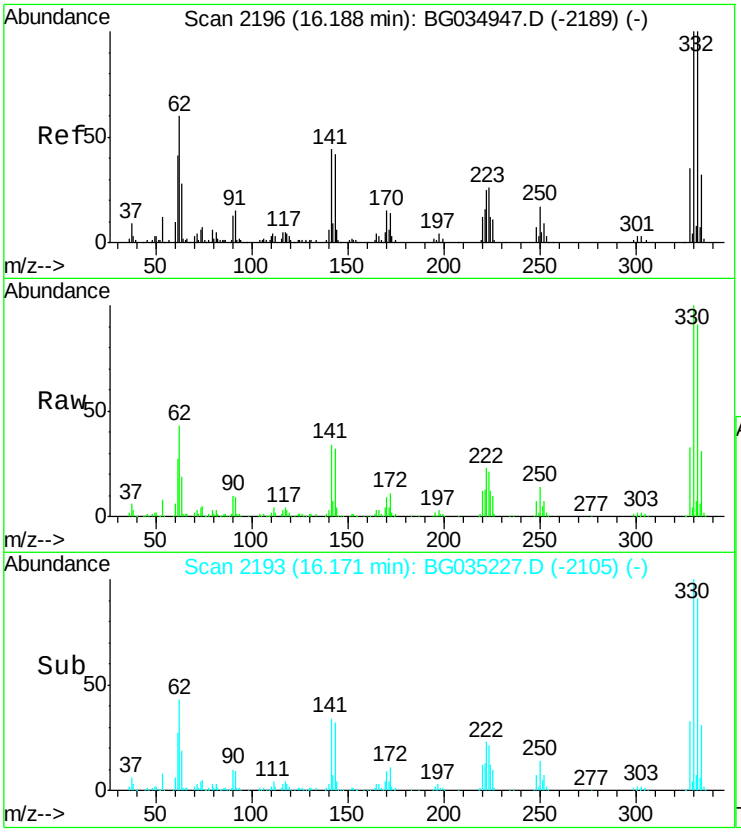




#40
Hexachlorocyclopentadiene
Concen: 72.590 ng
RT: 12.86 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:237 Resp: 181034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.6 | 50.4 | 90.4 |
| 272 | 11.9 | 0.0 | 31.8 |



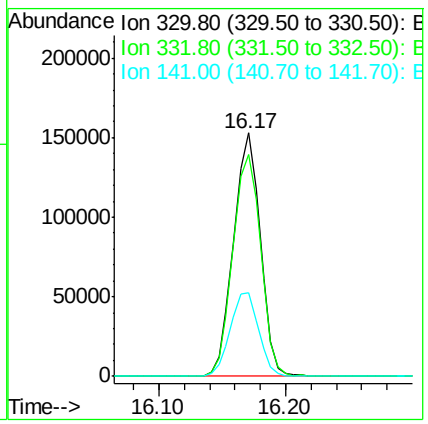


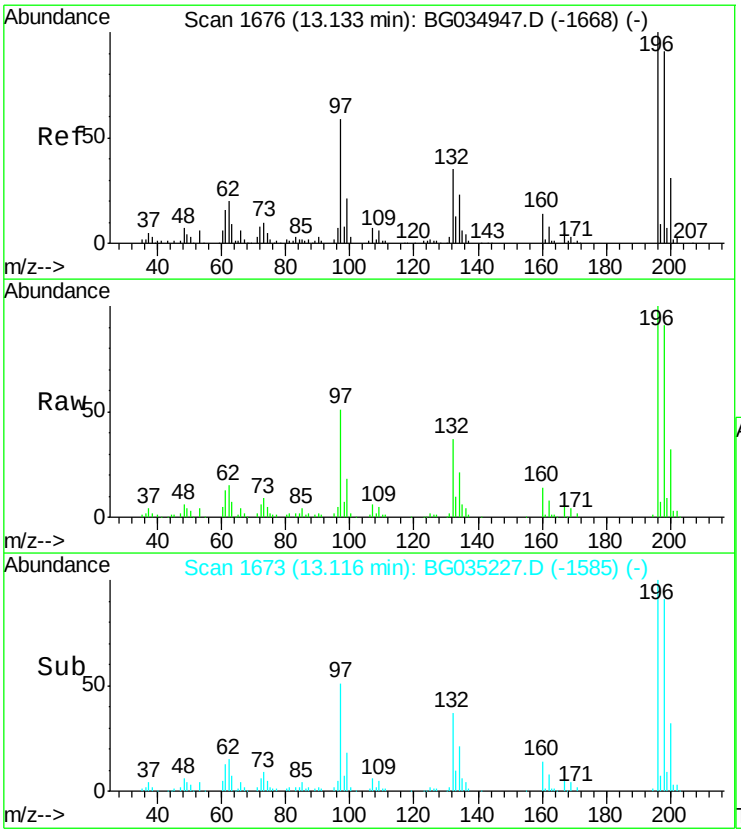

#41
2,4,6-Tribromophenol
Concen: 163.461 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:330 Resp: 223417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.2 | 77.0 | 115.6 |
| 141 | 36.4 | 25.2 | 37.8 |

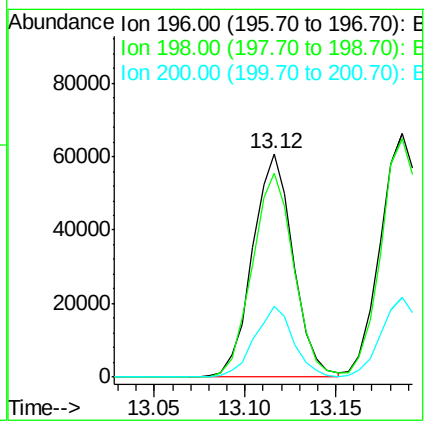


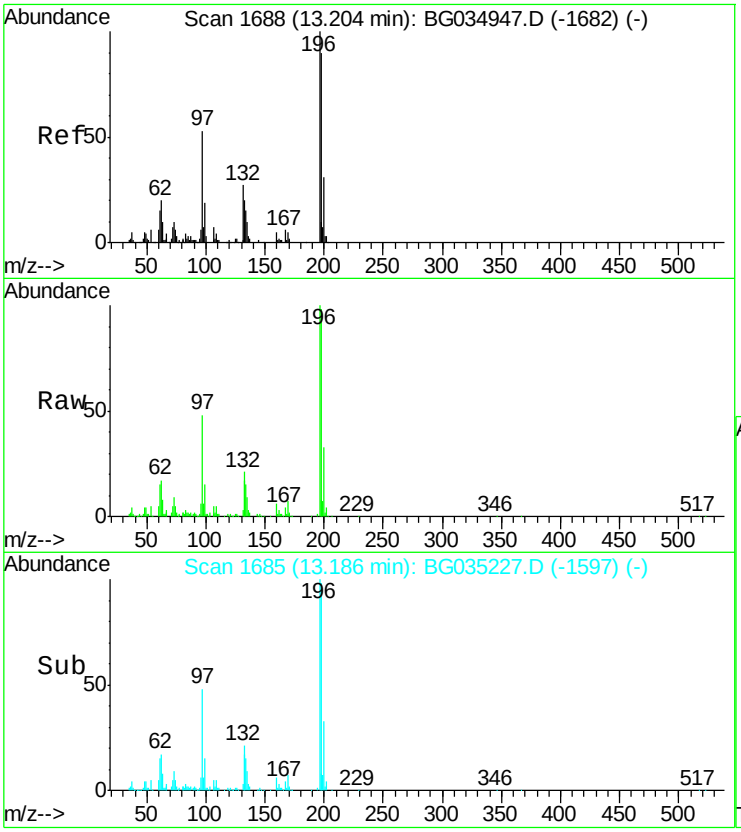




#42
2,4,6-Trichlorophenol
Concen: 39.919 ng
RT: 13.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:196 Resp: 95060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 91.4 | 78.2 | 117.2 |
| 200 | 31.7 | 24.6 | 36.8 |



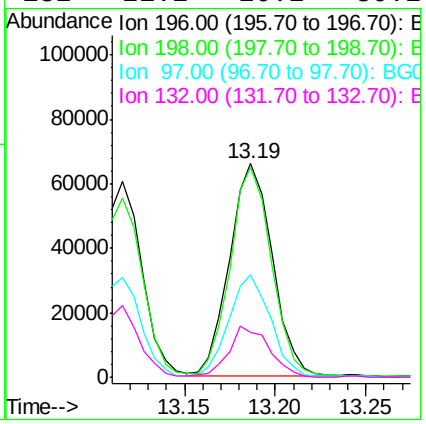


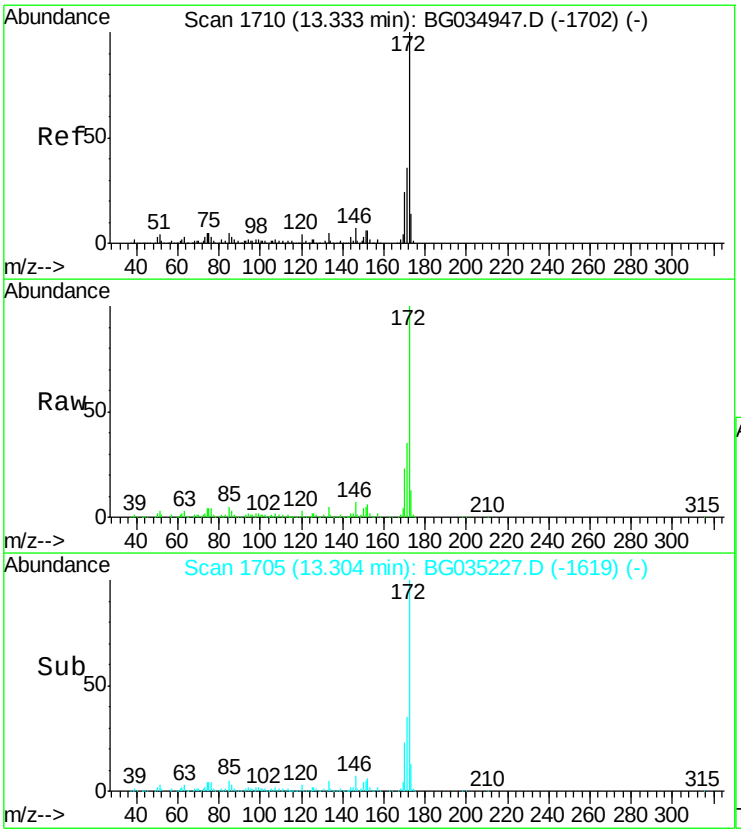

#43
2,4,5-Trichlorophenol
Concen: 41.375 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:196 Resp: 108142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.0 | 76.2 | 114.4 |
| 97 | 47.7 | 38.7 | 58.1 |
| 132 | 21.2 | 20.2 | 30.2 |

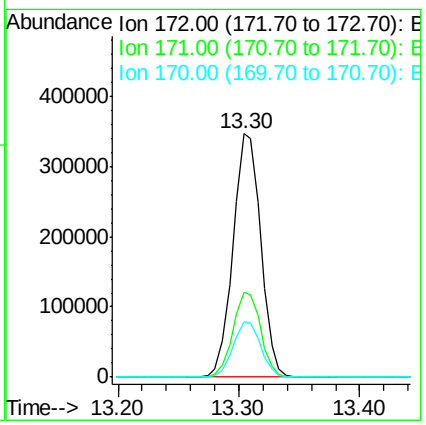


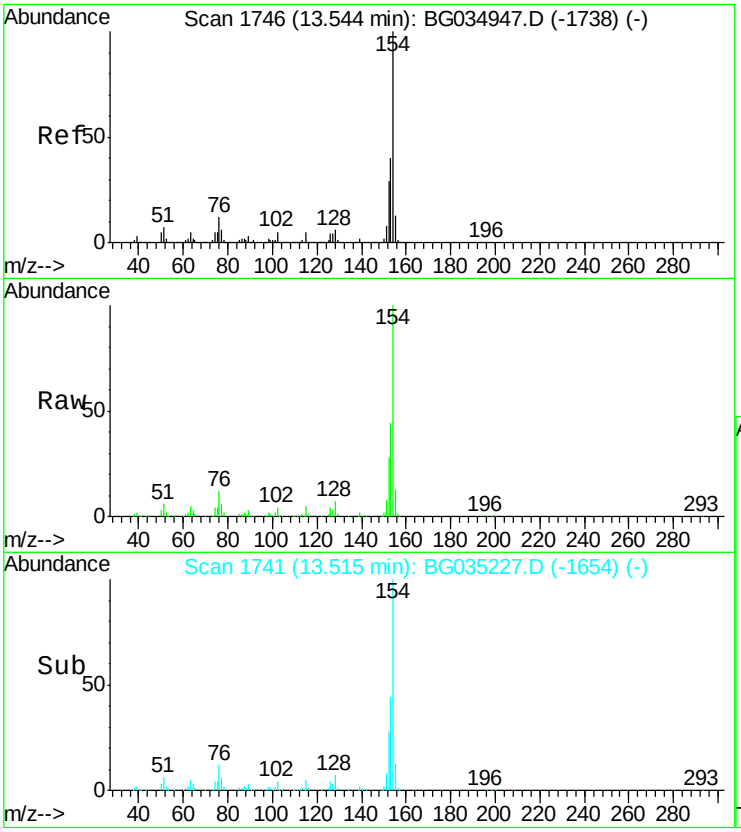




#44
2-Fluorobiphenyl
Concen: 67.390 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:172 Resp: 553481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 30.0 | 45.0 |
| 170 | 22.5 | 19.5 | 29.3 |



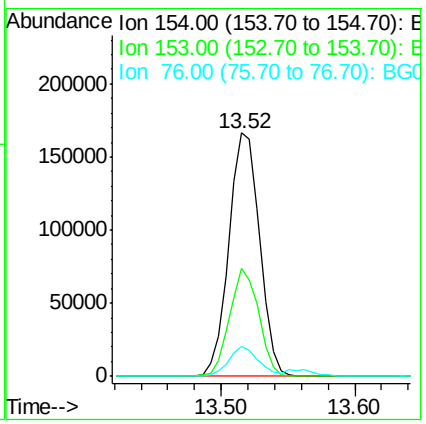


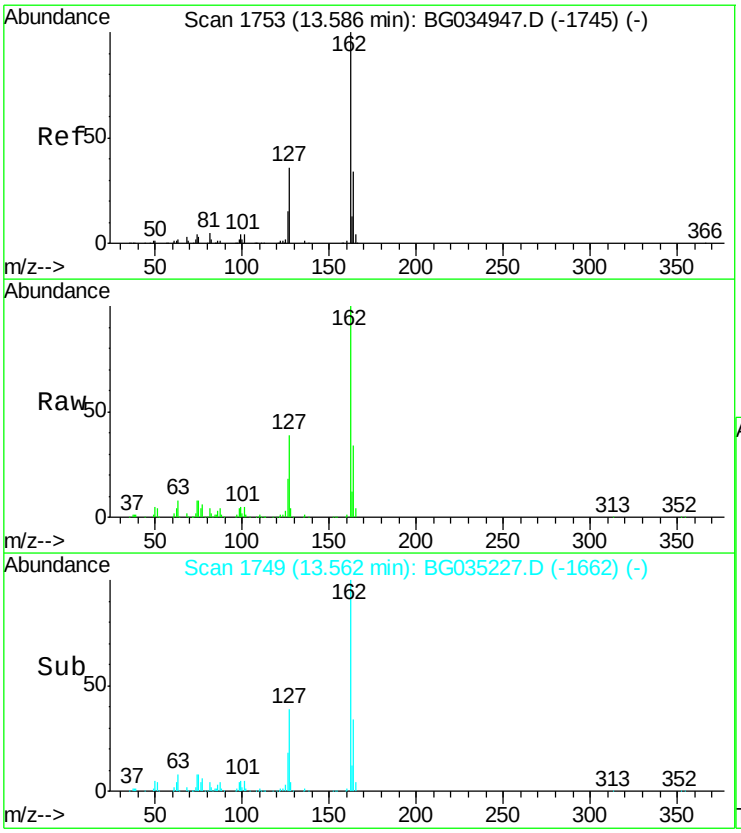

#45
1,1'-Biphenyl
Concen: 31.066 ng
RT: 13.52 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:154 Resp: 266718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 44.5 | 19.8 | 59.8 |
| 76 | 12.1 | 0.0 | 31.9 |

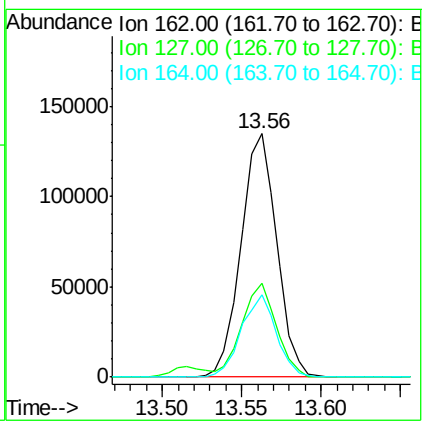


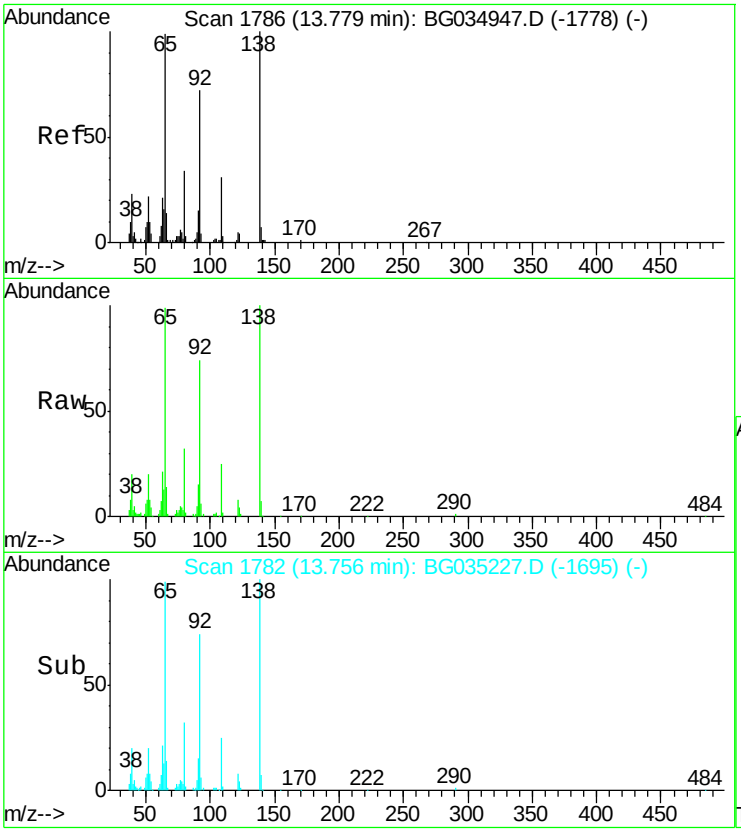




#46
2-Chloronaphthalene
Concen: 32.509 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:162 Resp: 211015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.6 | 30.7 | 46.1 |
| 164 | 33.6 | 26.0 | 39.0 |



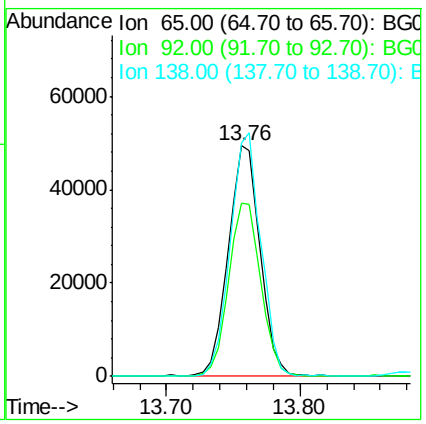


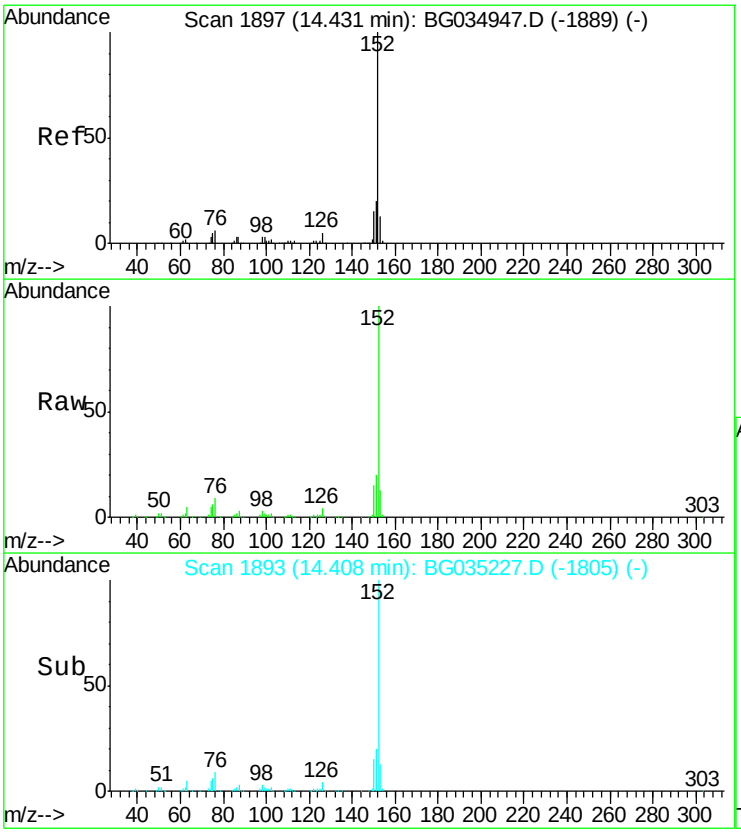

#47
2-Nitroaniline
Concen: 42.903 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion: 65 Resp: 82235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.0 | 54.6 | 82.0 |
| 138 | 101.3 | 72.9 | 109.3 |

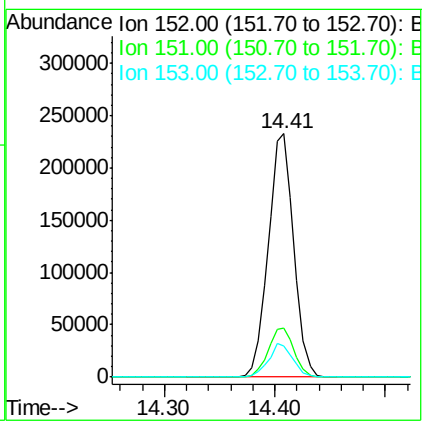


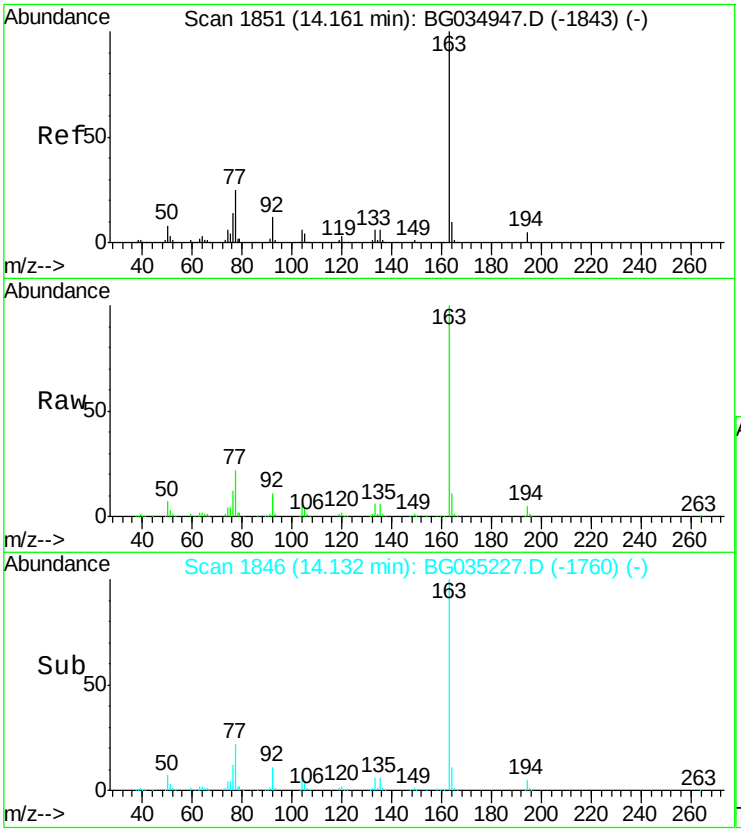




#48
Acenaphthylene
Concen: 34.303 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:152 Resp: 373361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 17.2 | 25.8 |
| 153 | 12.8 | 10.2 | 15.4 |



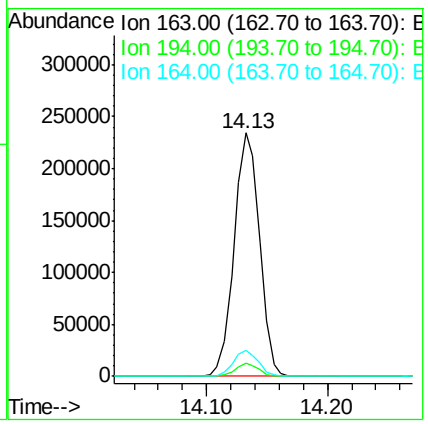


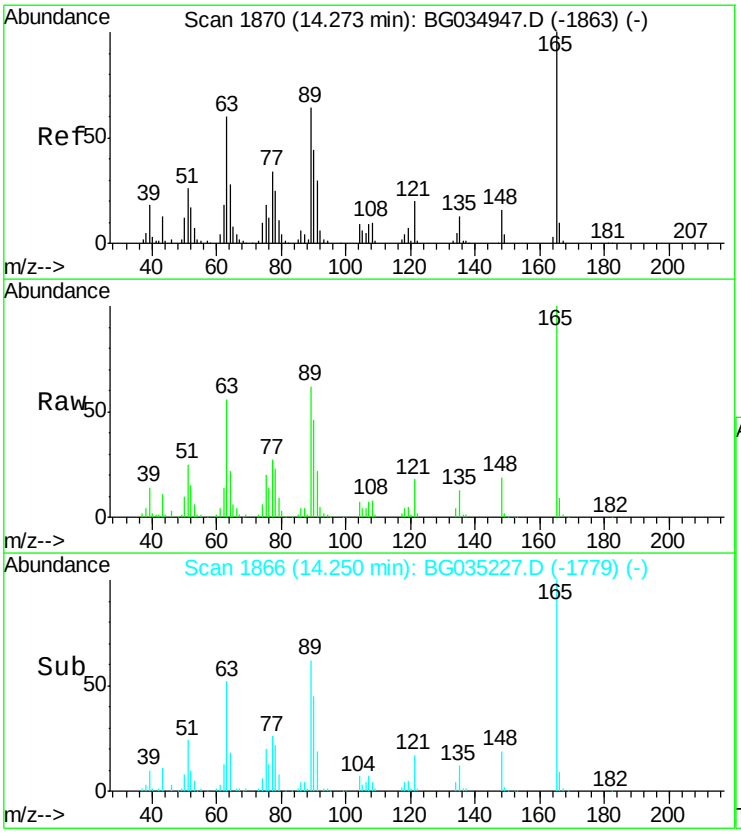

#49
Dimethylphthalate
Concen: 36.829 ng
RT: 14.13 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:163 Resp: 342906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.4 | 3.4 | 5.2# |
| 164 | 10.8 | 8.2 | 12.4 |

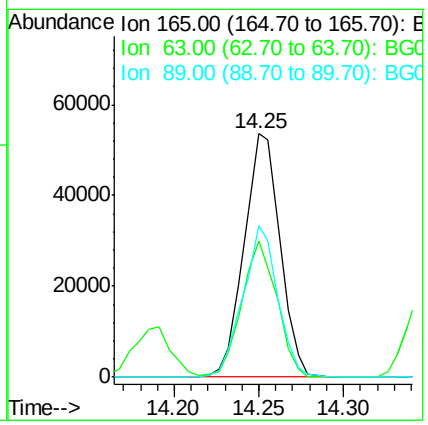


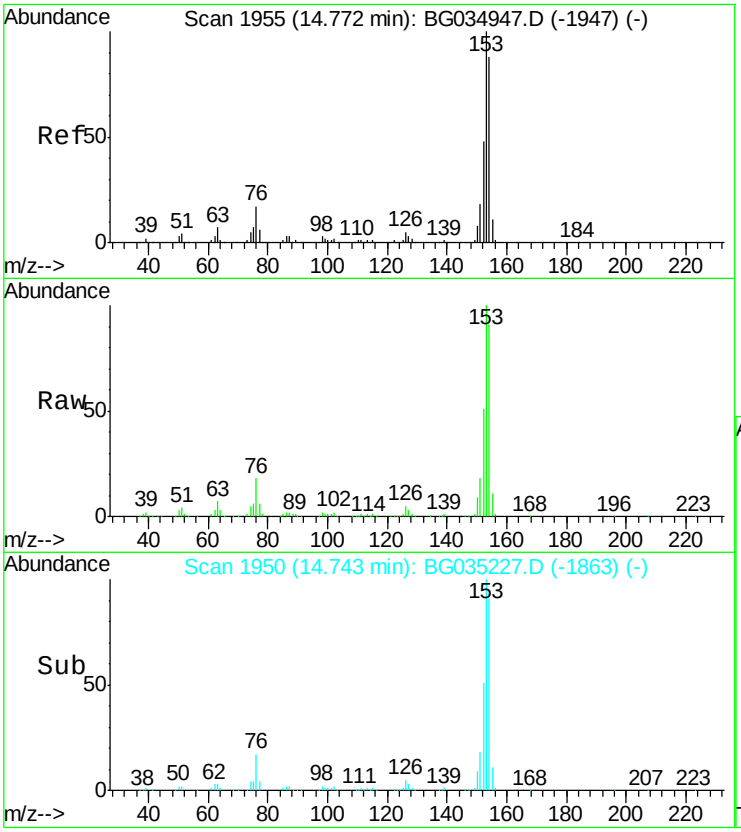




#50
2,6-Dinitrotoluene
Concen: 46.869 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:165 Resp: 79610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.1 | 52.7 | 79.1 |
| 89 | 62.2 | 49.2 | 73.8 |



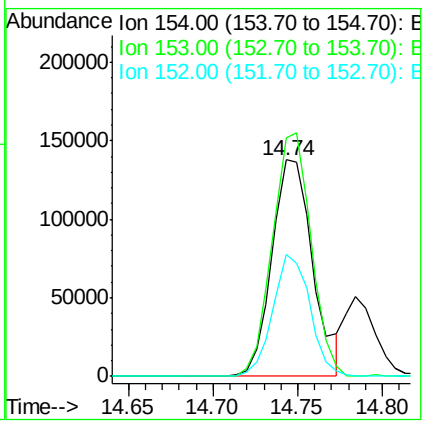


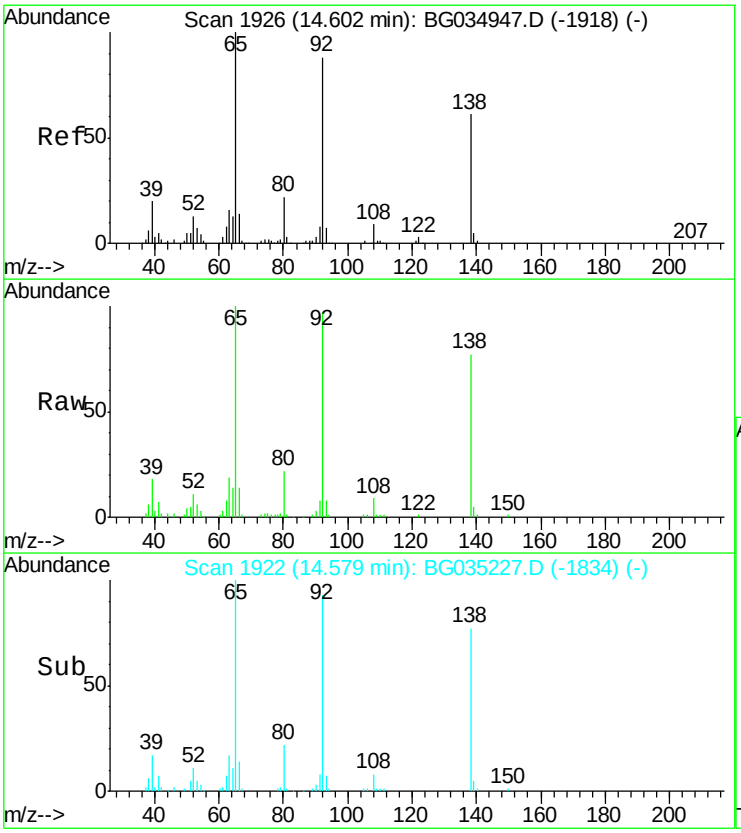

#51
Acenaphthene
Concen: 32.379 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:154 Resp: 230260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.3 | 90.4 | 135.6 |
| 152 | 56.2 | 41.6 | 62.4 |

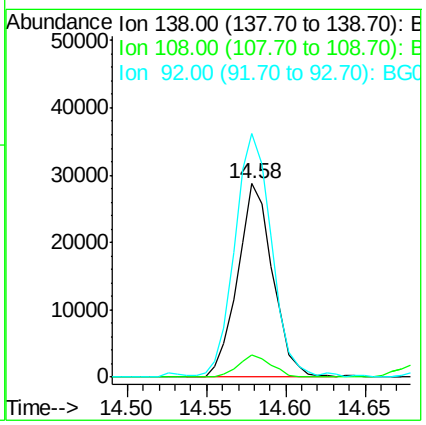


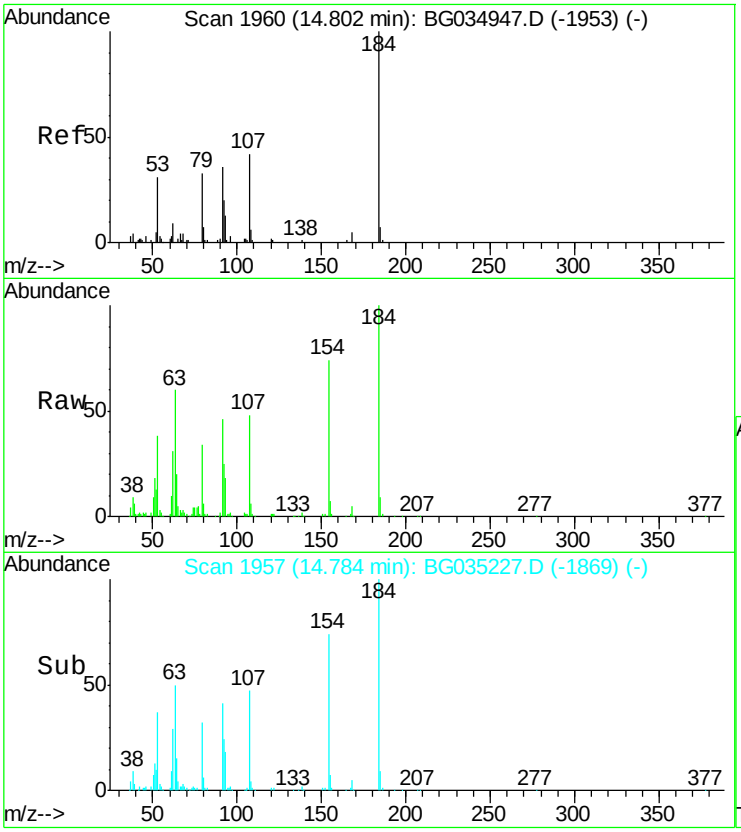




#52
3-Nitroaniline
Concen: 26.483 ng
RT: 14.58 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:138 Resp: 44141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.5 | 17.5 | 26.3# |
| 92 | 125.9 | 105.8 | 158.8 |



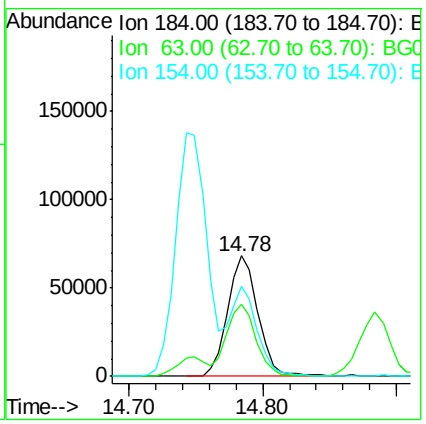


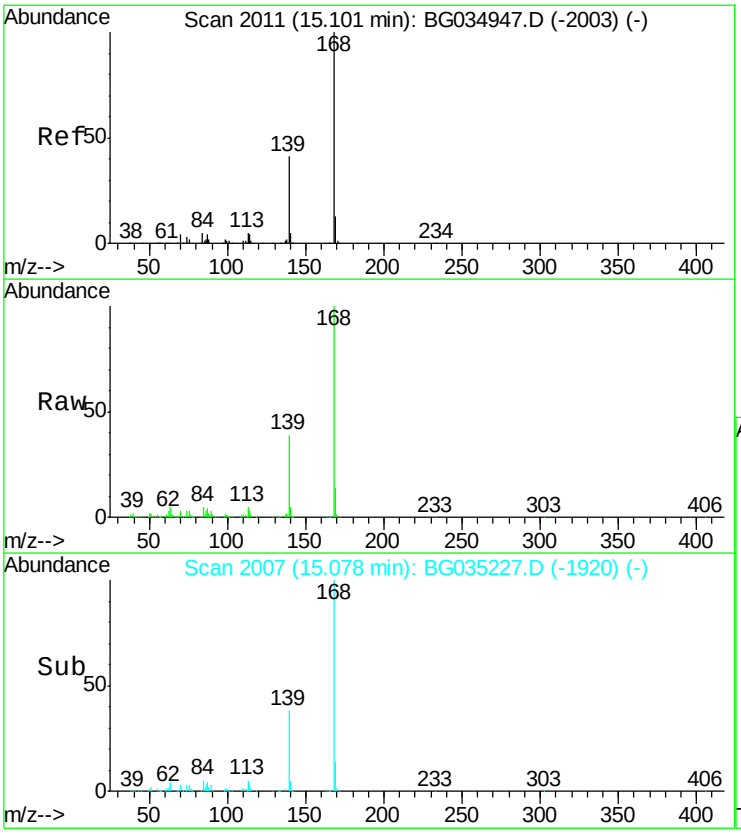

#53
2,4-Dinitrophenol
Concen: 156.440 ng
RT: 14.78 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:184 Resp: 107541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 59.8 | 59.8 | 89.8# |
| 154 | 74.3 | 101.8 | 152.8# |

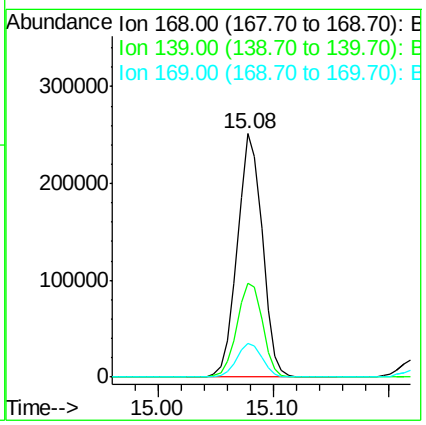


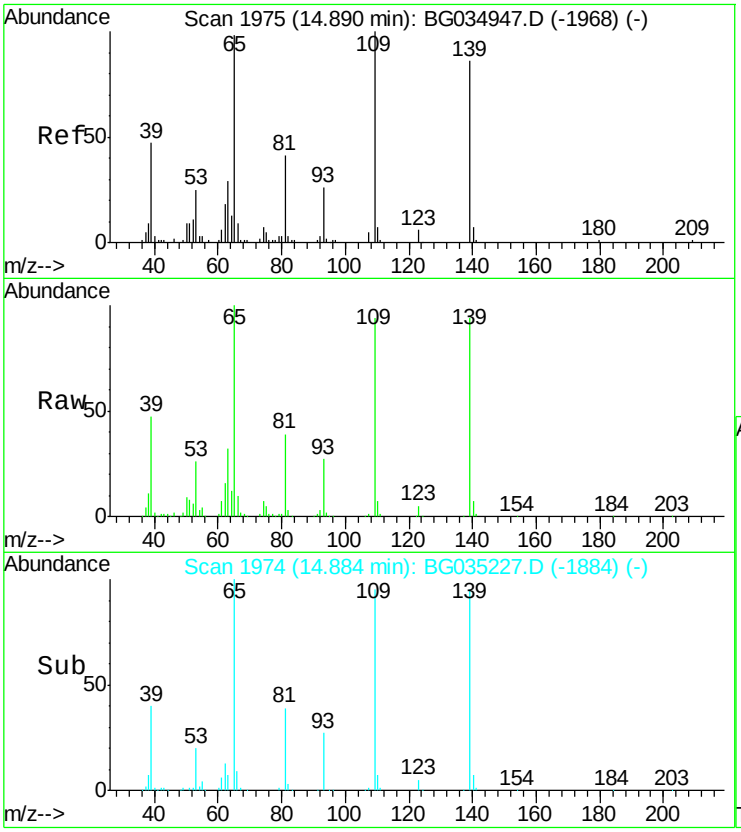




#54
Dibenzofuran
Concen: 35.402 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:168 Resp: 377062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.7 | 28.6 | 43.0 |
| 169 | 13.8 | 11.2 | 16.8 |



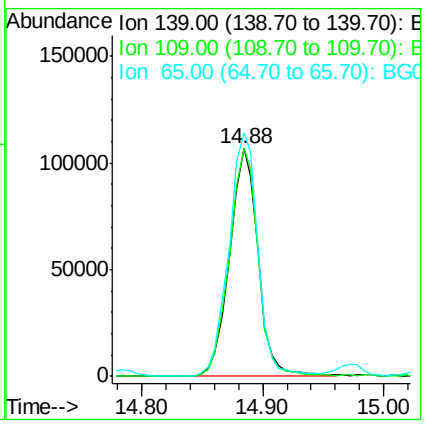


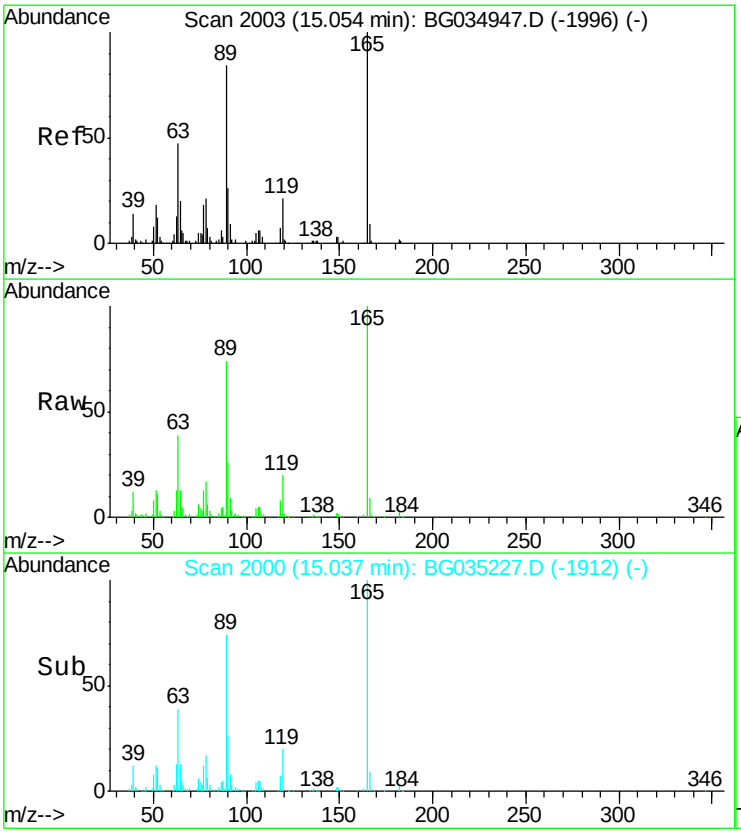

#55
4-Nitrophenol
Concen: 124.267 ng
RT: 14.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:139 Resp: 174804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 100.2 | 62.2 | 102.2 |
| 65 | 106.7 | 97.2 | 137.2 |

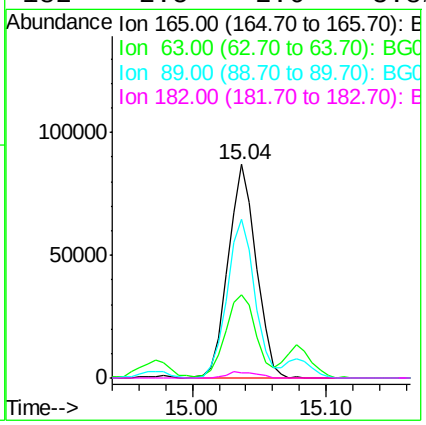


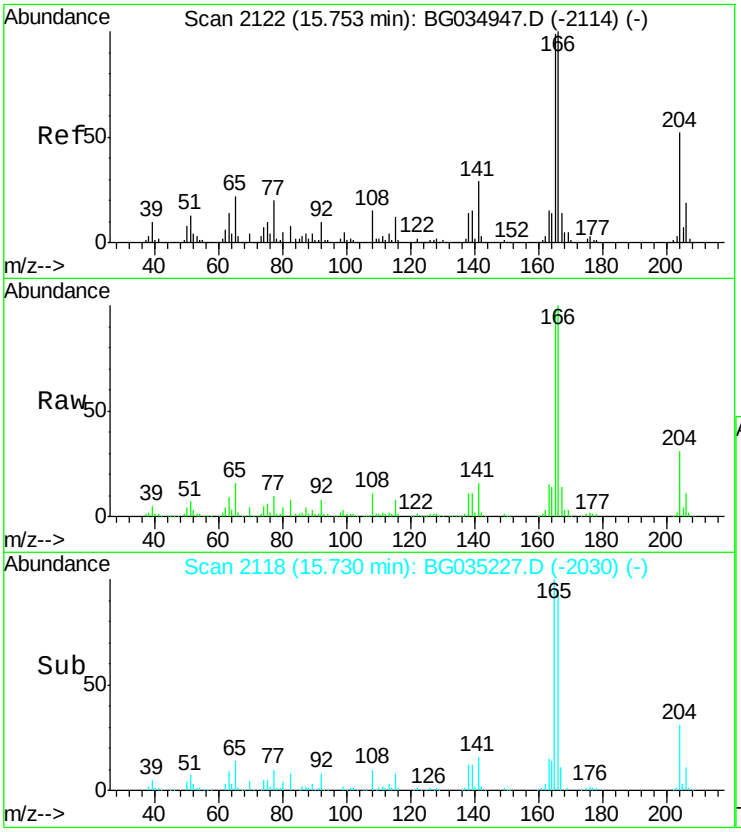




#56
2,4-Dinitrotoluene
Concen: 56.503 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:165 Resp: 127493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.1 | 42.0 | 63.0# |
| 89 | 74.4 | 66.9 | 100.3 |
| 182 | 2.5 | 2.6 | 3.8# |



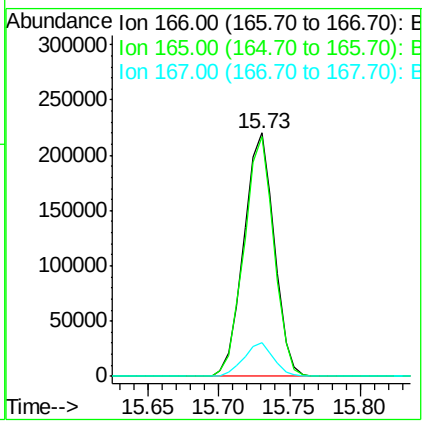


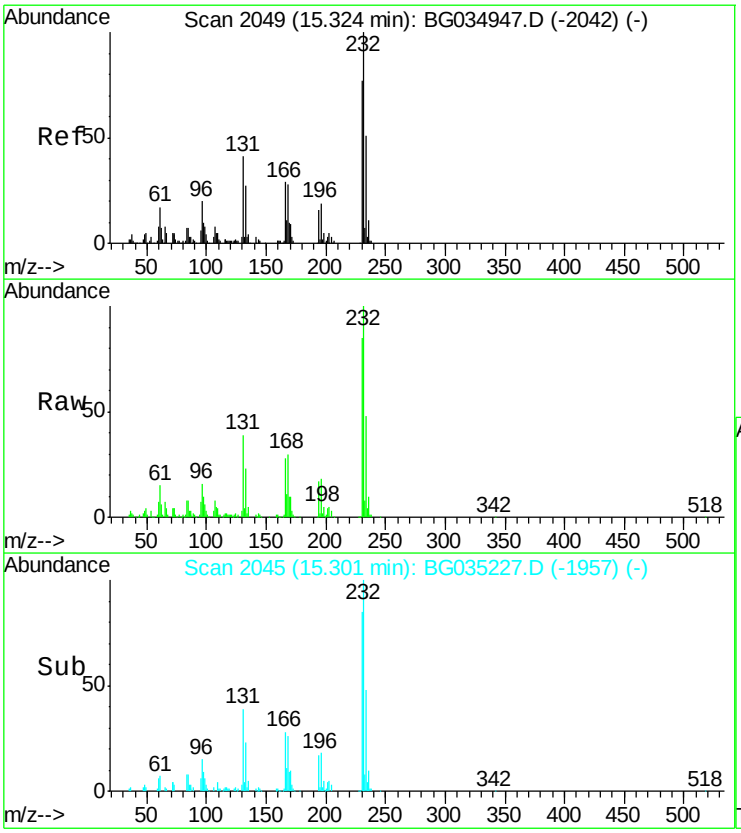

#57
Fluorene
Concen: 37.366 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:166 Resp: 332600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.5 | 80.6 | 121.0 |
| 167 | 13.6 | 10.4 | 15.6 |

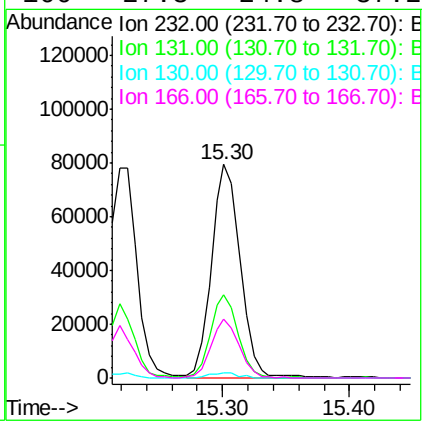


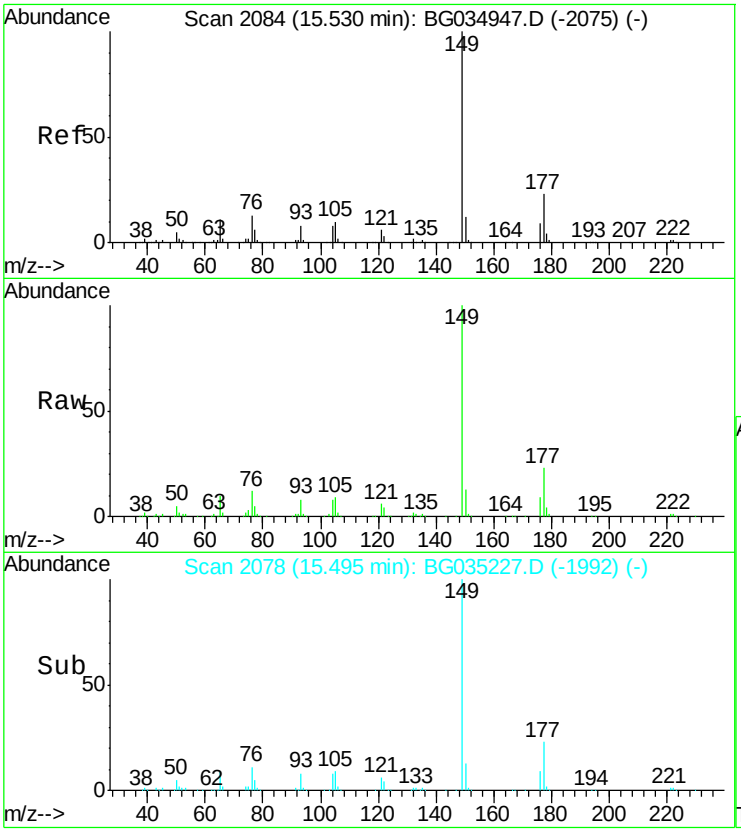




#58
2,3,4,6-Tetrachlorophenol
Concen: 49.117 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:232 Resp: 124712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 37.2 | 33.5 | 50.3 |
| 130 | 2.5 | 2.2 | 3.2 |
| 166 | 27.3 | 24.8 | 37.2 |



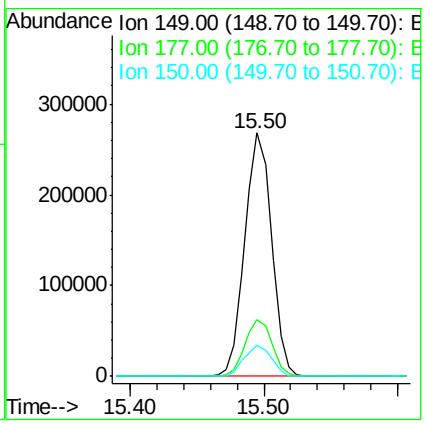


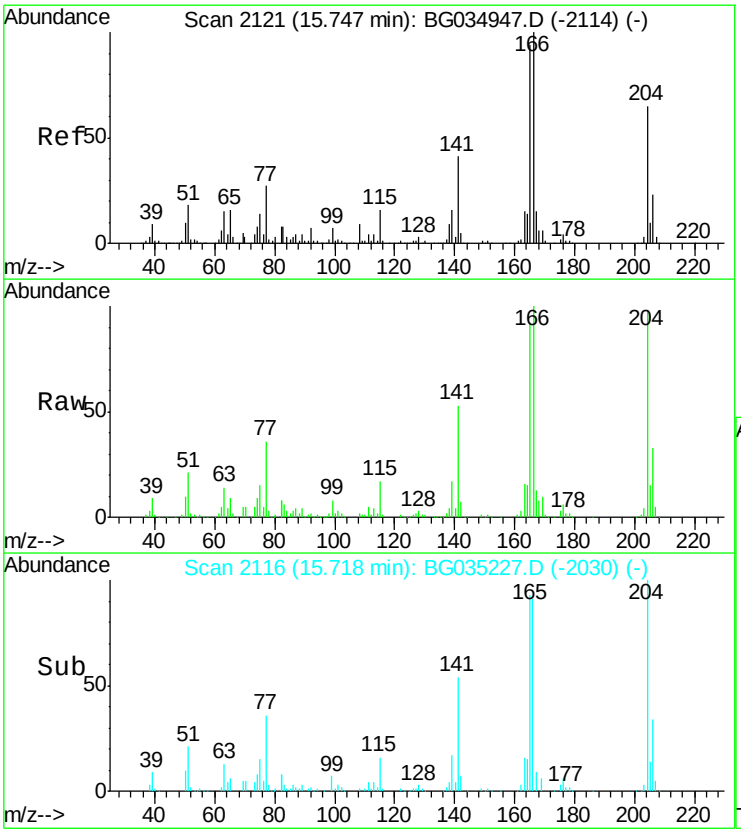

#59
Diethylphthalate
Concen: 38.830 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:149 Resp: 368854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.2 | 18.5 | 27.7 |
| 150 | 12.9 | 10.2 | 15.2 |

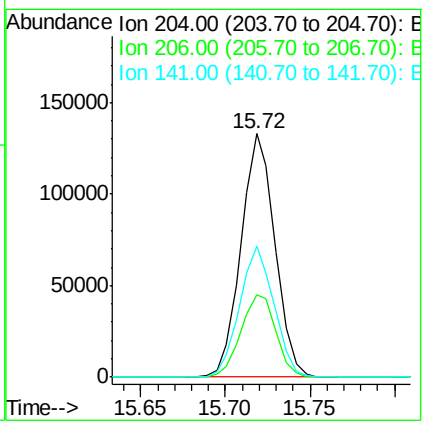


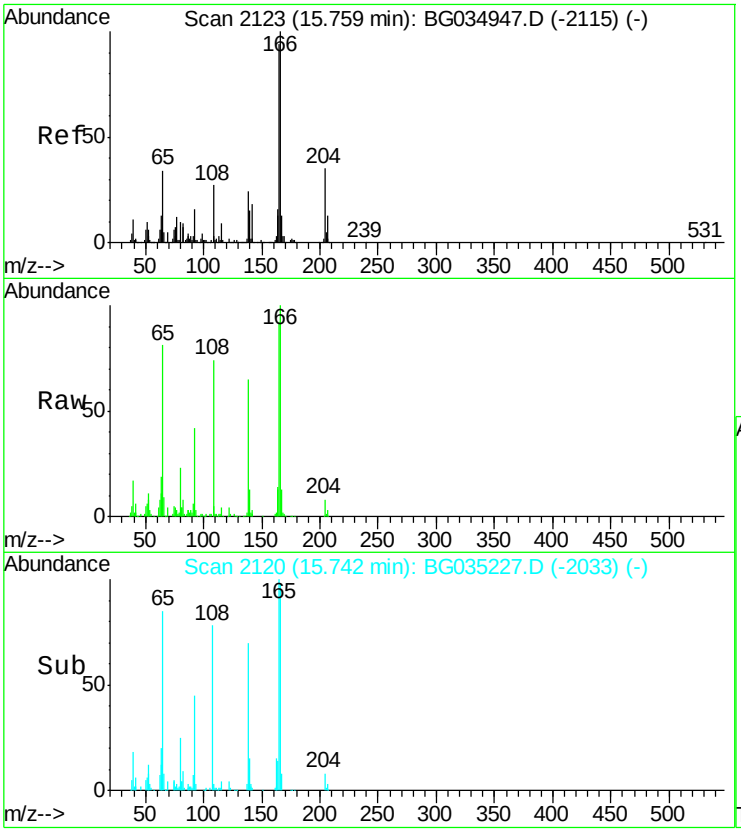




#60
4-Chlorophenyl-phenylether
Concen: 36.555 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:204 Resp: 185544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.8 | 26.2 | 39.2 |
| 141 | 54.0 | 45.8 | 68.6 |



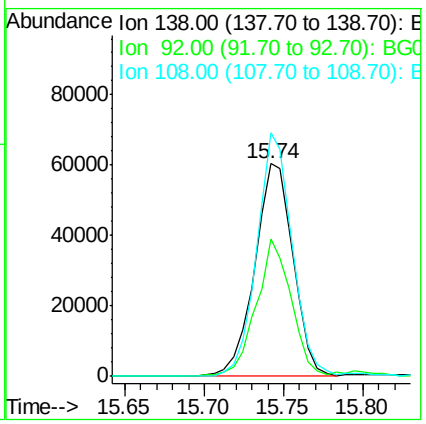


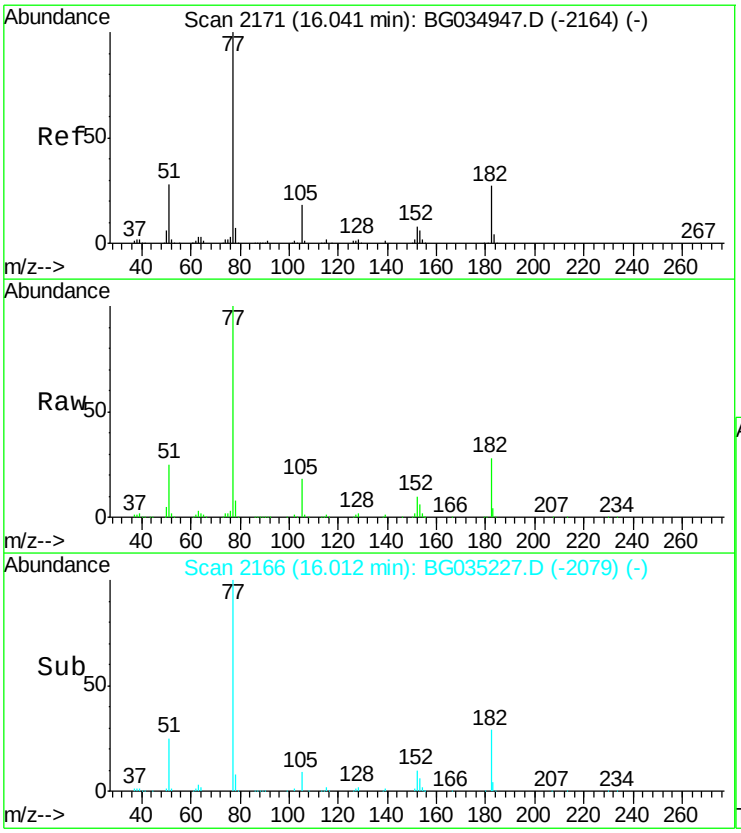

#61
4-Nitroaniline
Concen: 56.956 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:138 Resp: 101808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 64.4 | 40.1 | 80.1 |
| 108 | 114.5 | 65.4 | 105.4# |

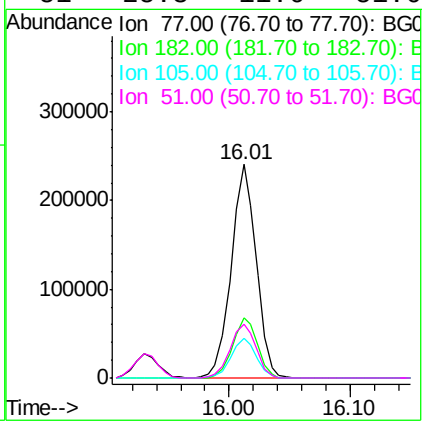


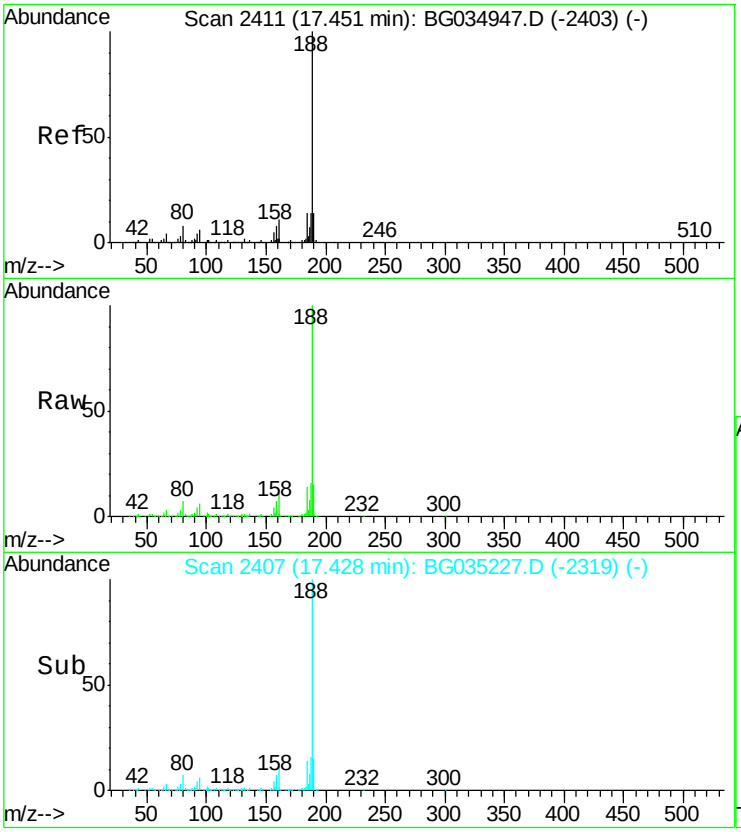




#62
Azobenzene
Concen: 37.108 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion: 77 Resp: 345424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.1 | 7.4 | 47.4 |
| 105 | 18.4 | 0.3 | 40.3 |
| 51 | 25.3 | 11.6 | 51.6 |



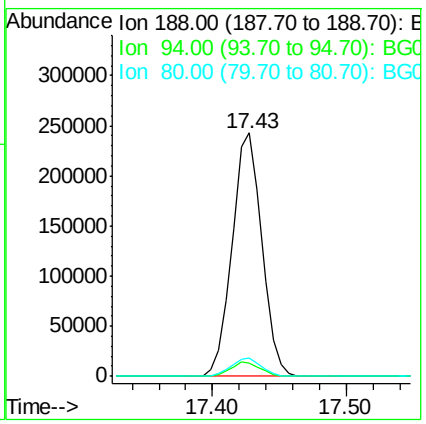


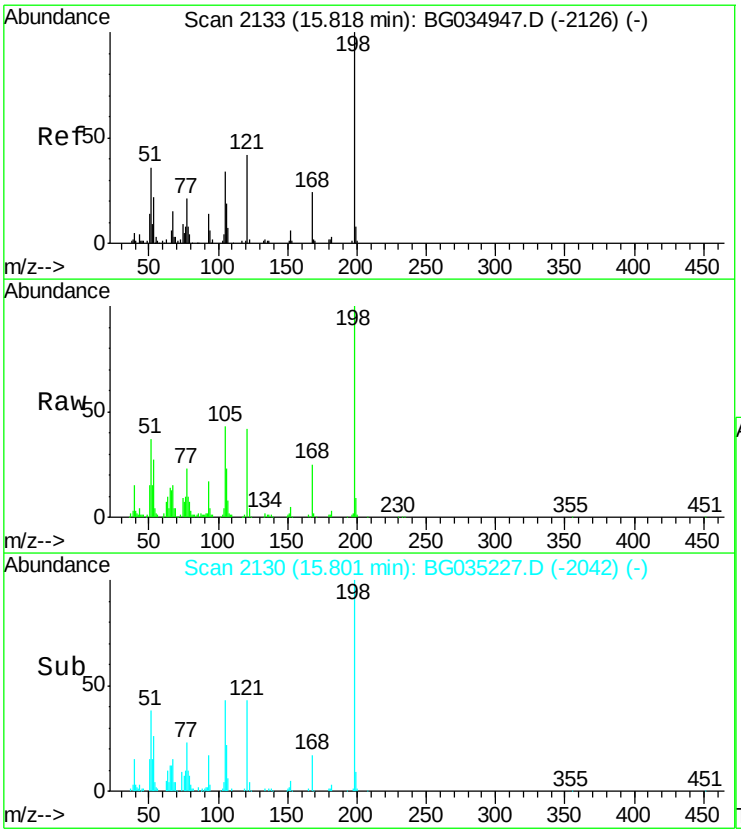

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:188 Resp: 374913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.5 | 6.9 | 10.3# |
| 80 | 7.5 | 7.7 | 11.5# |

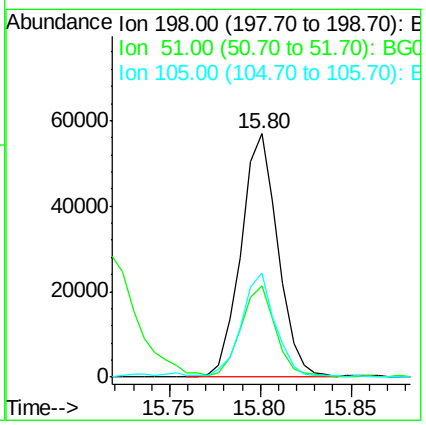


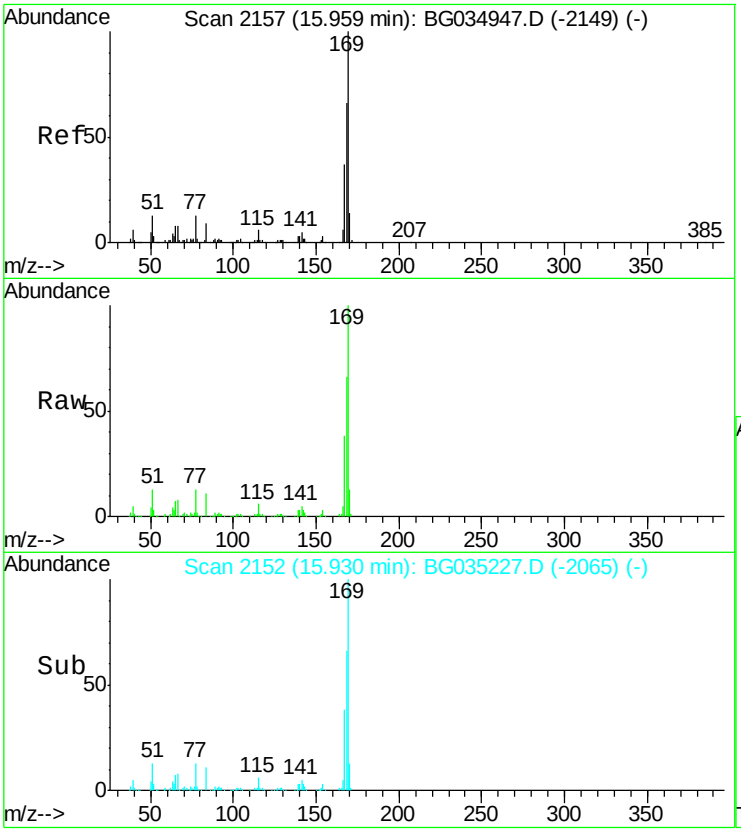




#64
4,6-Dinitro-2-methylphenol
Concen: 47.114 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:198 Resp: 80647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 37.5 | 30.6 | 70.6 |
| 105 | 42.8 | 23.8 | 63.8 |



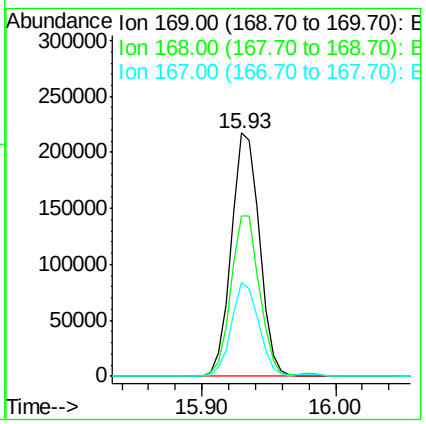


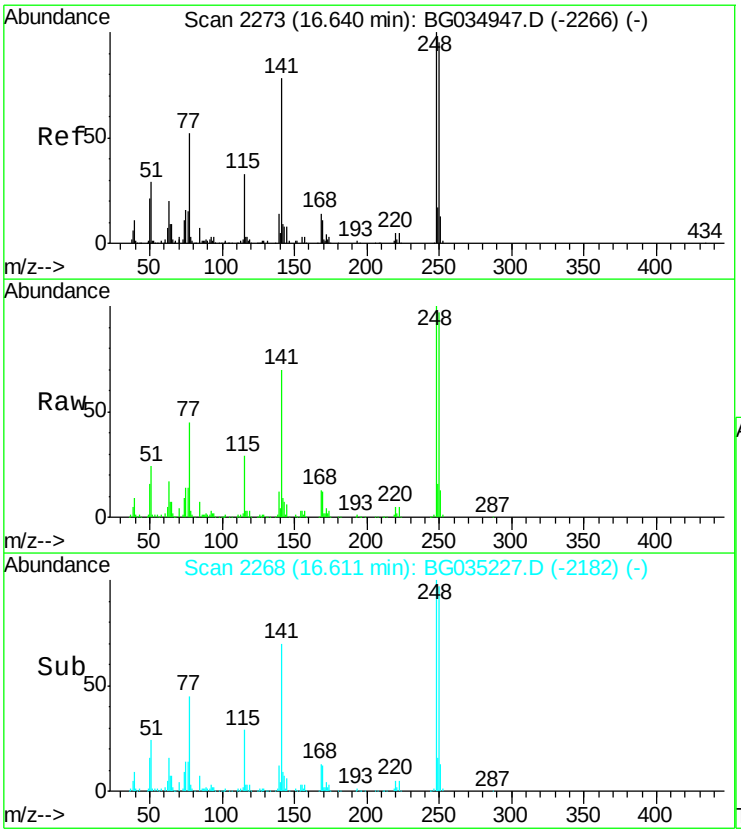

#65
n-Nitrosodiphenylamine
Concen: 28.384 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:169 Resp: 319579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.7 | 55.7 | 83.5 |
| 167 | 38.4 | 30.1 | 45.1 |

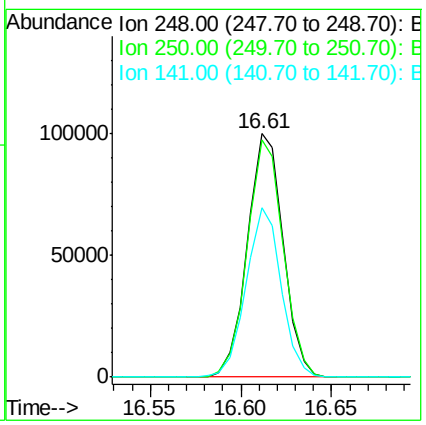


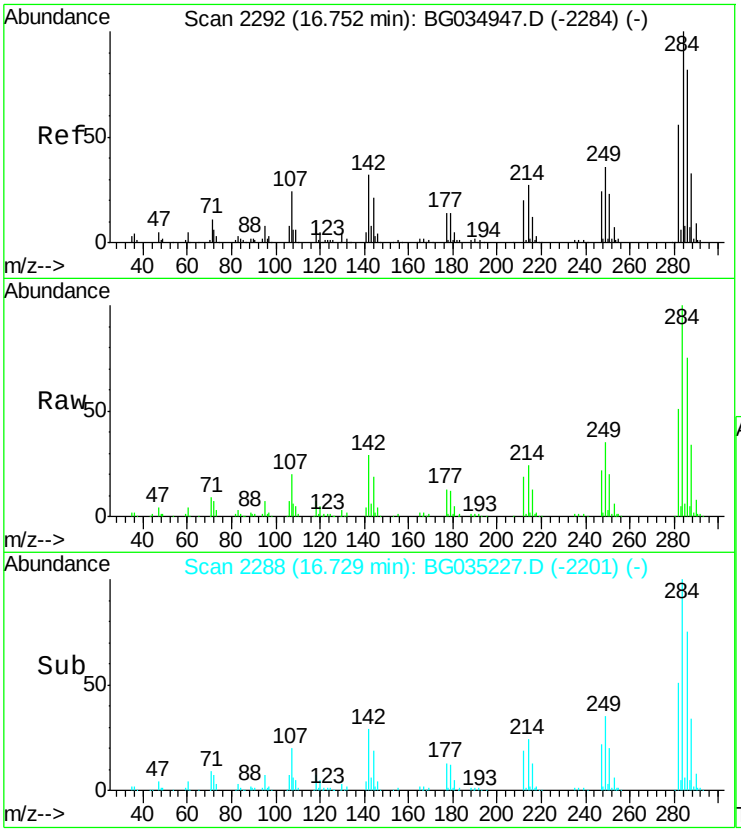




#66
4-Bromophenyl-phenylether
Concen: 30.528 ng
RT: 16.61 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:248 Resp: 137829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.3 | 77.1 | 115.7 |
| 141 | 69.6 | 50.8 | 76.2 |



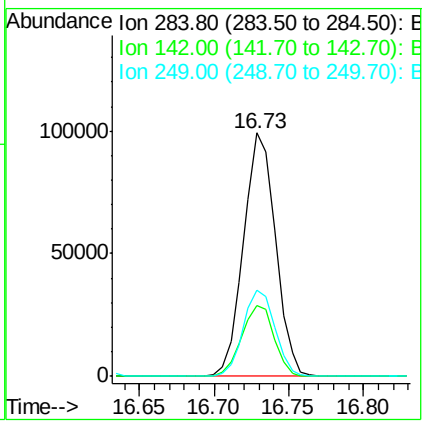


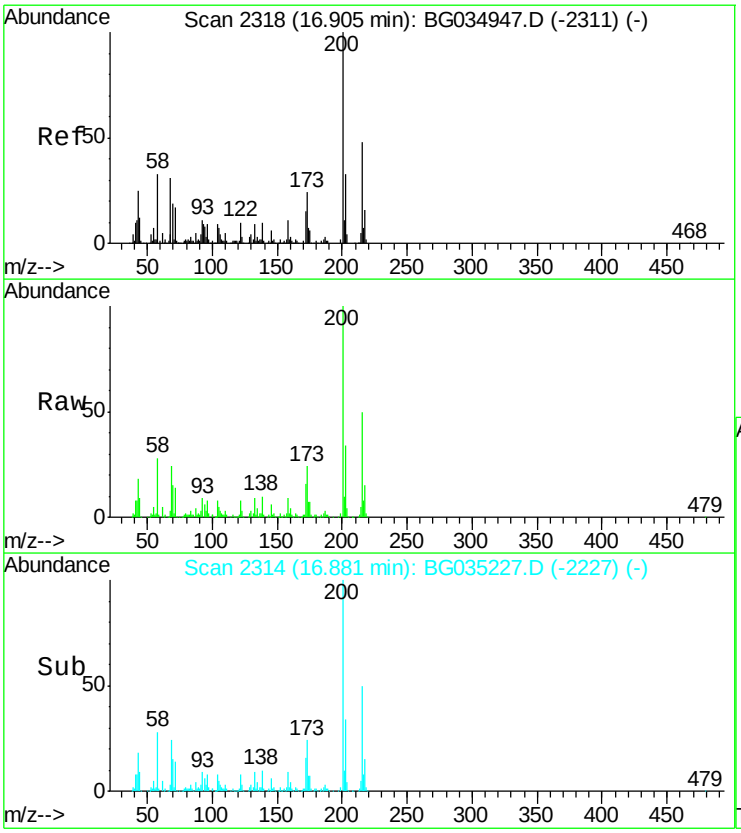

#67
Hexachlorobenzene
Concen: 31.955 ng
RT: 16.73 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:284 Resp: 146843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.0 | 26.8 | 40.2 |
| 249 | 35.5 | 26.3 | 39.5 |

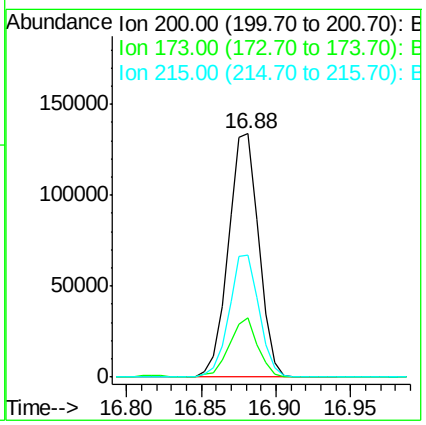


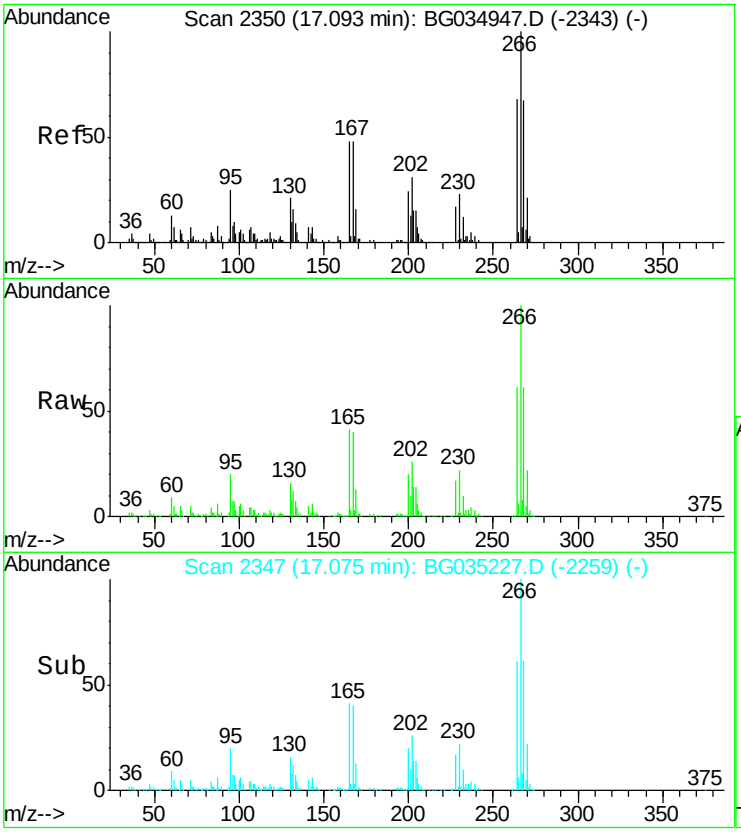




#68
Atrazine
Concen: 39.801 ng
RT: 16.88 min Scan# 2314
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:200 Resp: 191098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.1 | 5.2 | 45.2 |
| 215 | 50.2 | 30.4 | 70.4 |



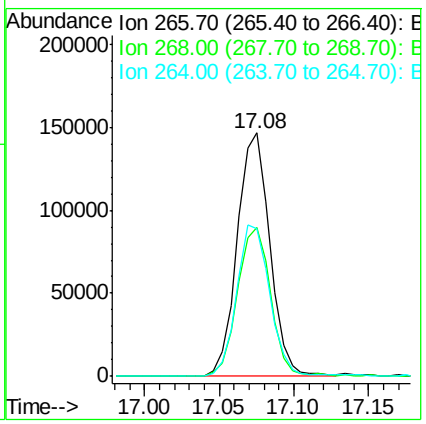


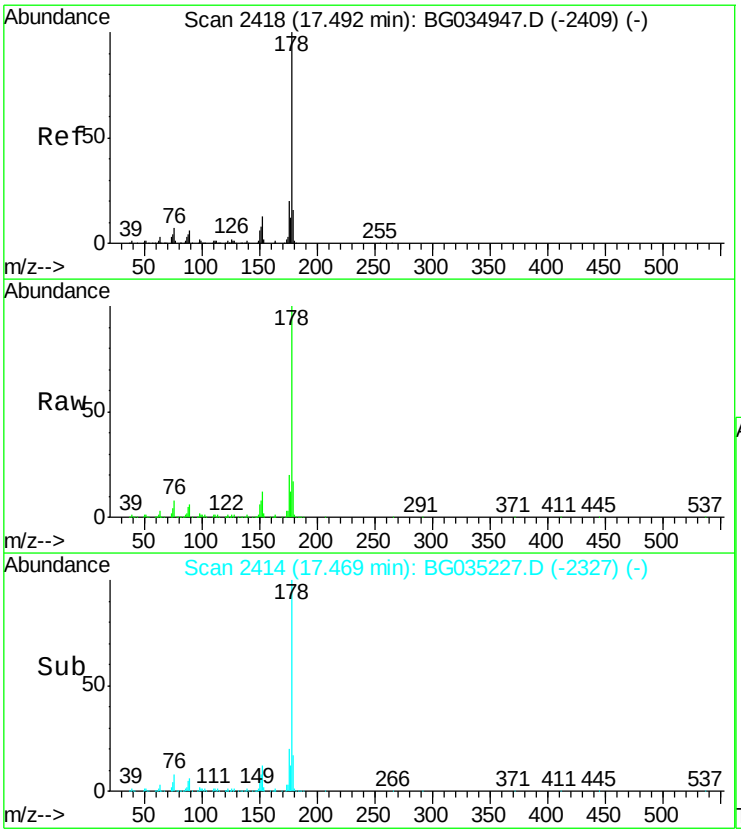

#69
Pentachlorophenol
Concen: 72.085 ng
RT: 17.08 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:266 Resp: 222748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.3 | 51.1 | 76.7 |
| 264 | 60.8 | 49.6 | 74.4 |

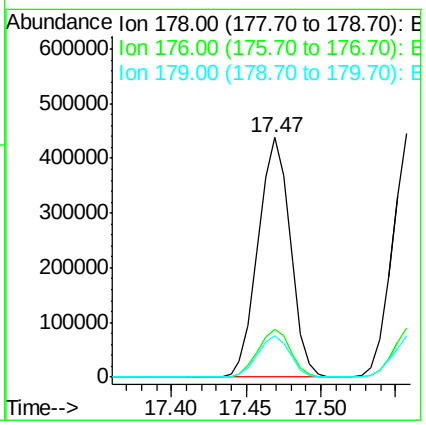


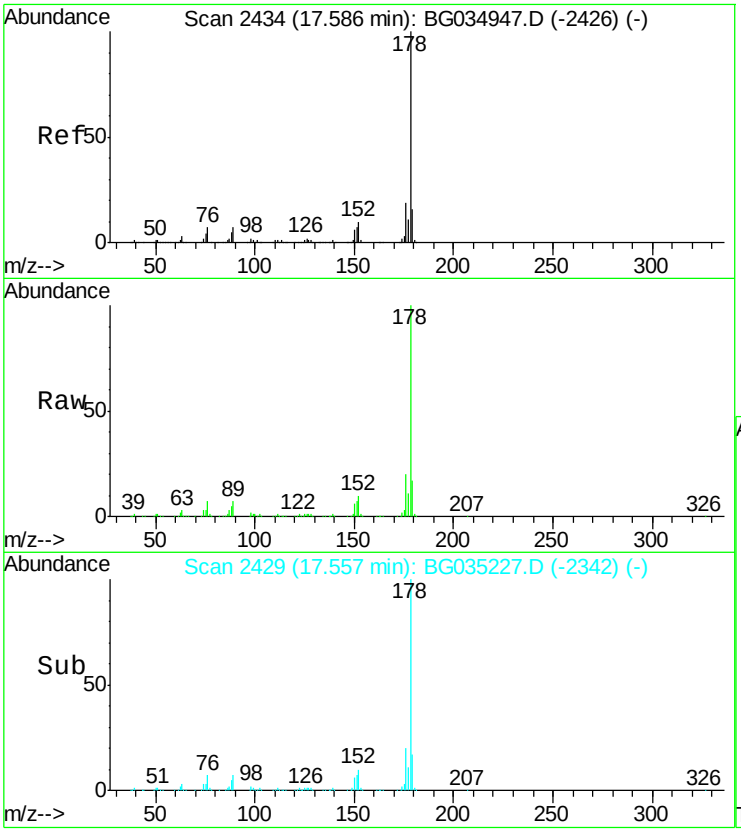




#70
Phenanthrene
Concen: 34.298 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:178 Resp: 653193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.7 | 23.5 |
| 179 | 17.0 | 12.5 | 18.7 |



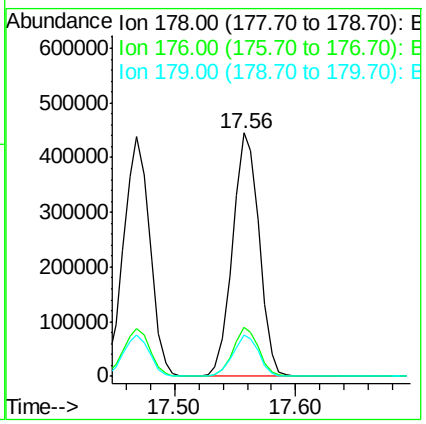


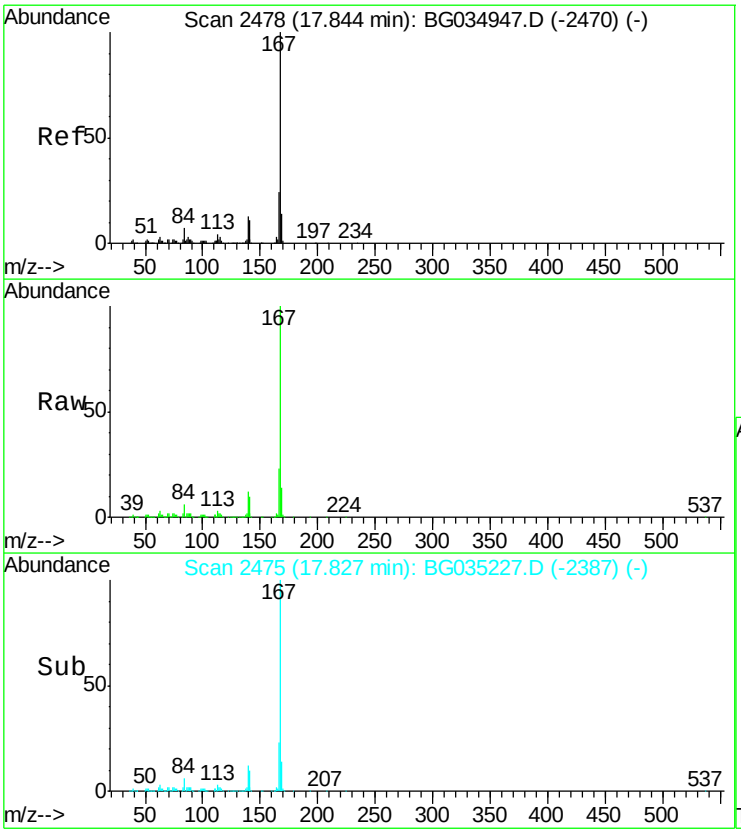

#71
Anthracene
Concen: 35.746 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:178 Resp: 681917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.4 | 16.0 | 24.0 |
| 179 | 17.1 | 12.5 | 18.7 |

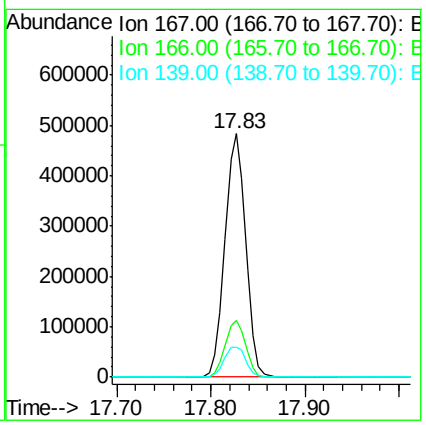


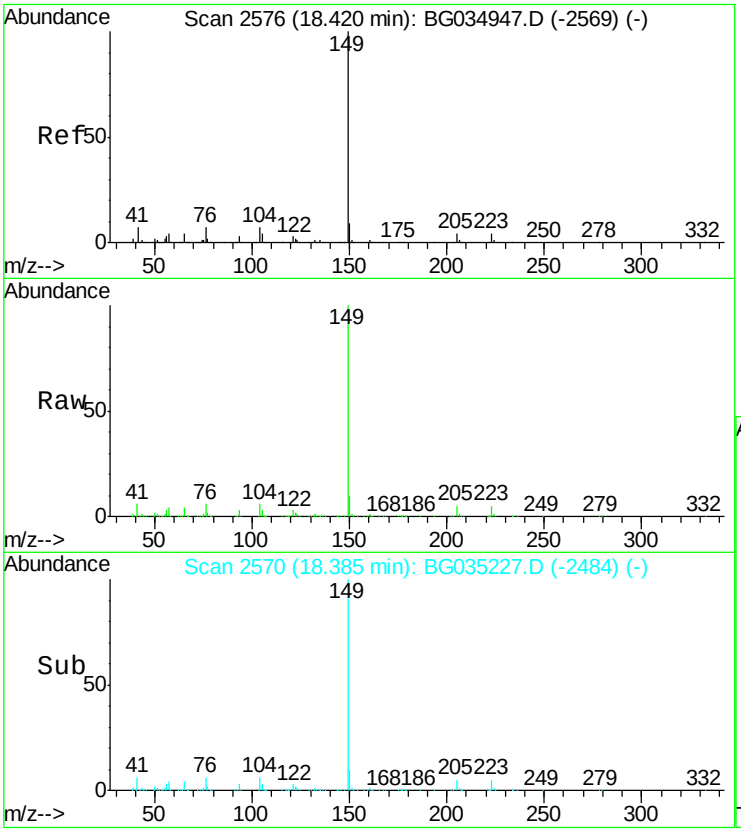




#72
Carbazole
Concen: 41.754 ng
RT: 17.83 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:167 Resp: 739050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.1 | 18.2 | 27.4 |
| 139 | 12.3 | 9.4 | 14.2 |



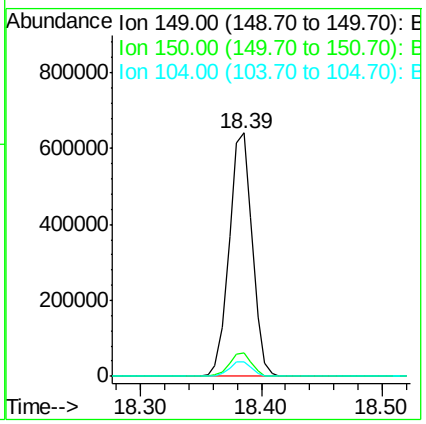


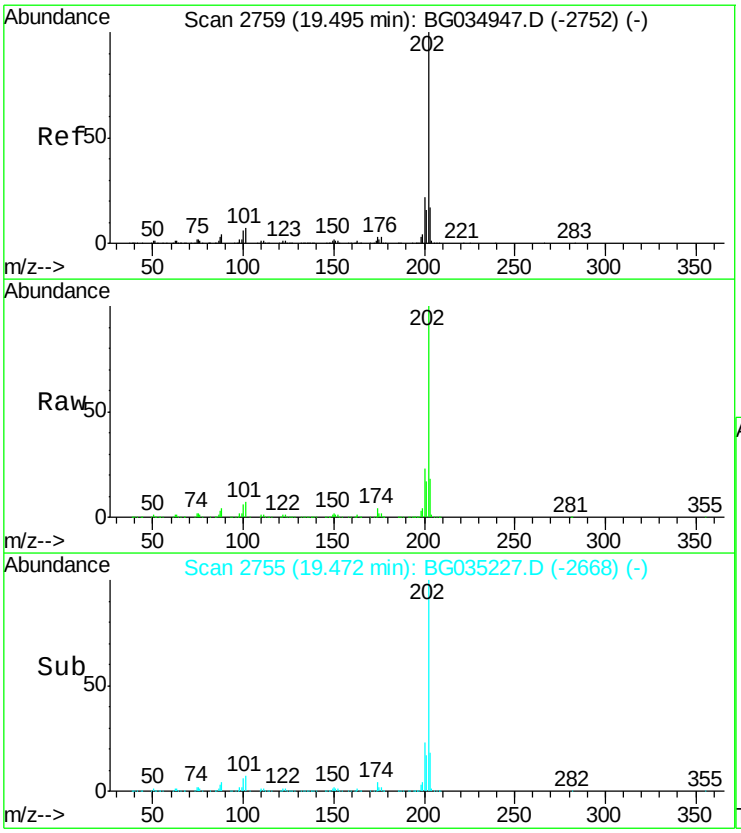

#73
Di-n-butylphthalate
Concen: 40.321 ng
RT: 18.39 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:149 Resp: 850660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.6 | 7.8 | 11.6 |
| 104 | 6.1 | 3.9 | 5.9# |

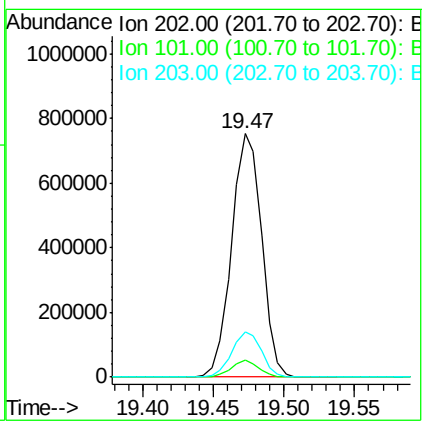


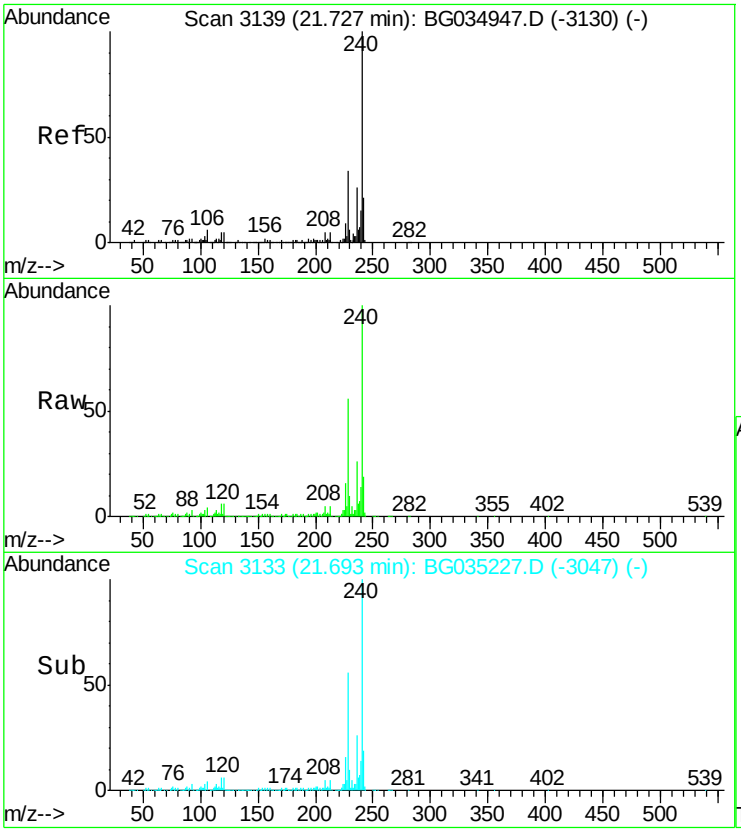




#74
Fluoranthene
Concen: 44.857 ng
RT: 19.47 min Scan# 2755
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:202 Resp: 1111658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.8 | 0.0 | 28.9 |
| 203 | 18.5 | 0.0 | 37.5 |



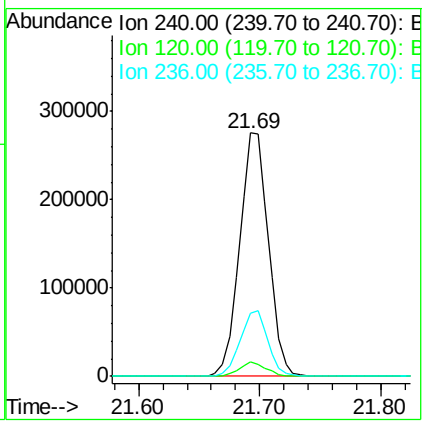


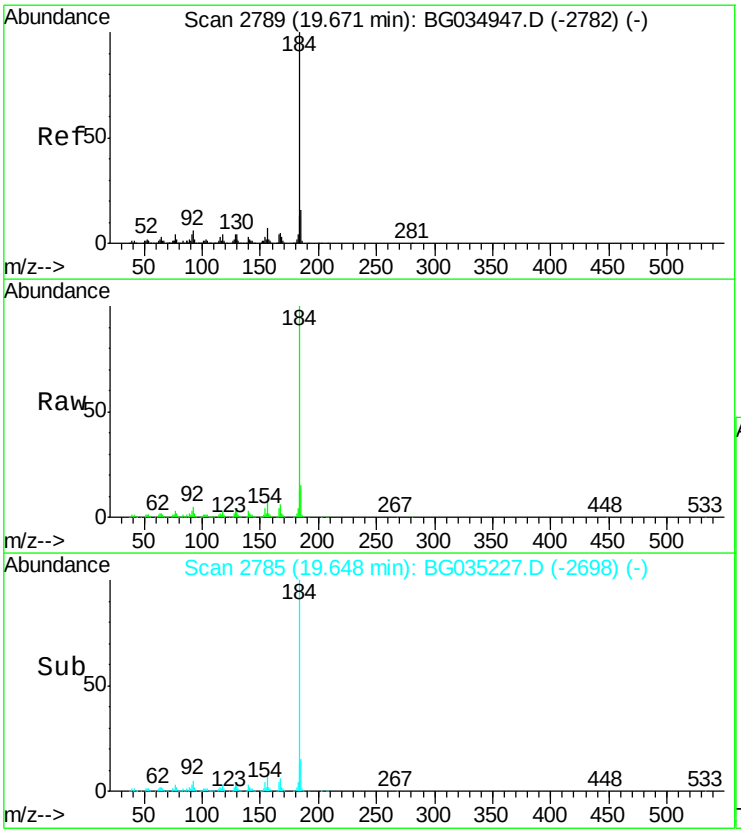

#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:240 Resp: 458578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.7 | 6.8 | 10.2# |
| 236 | 25.8 | 20.9 | 31.3 |

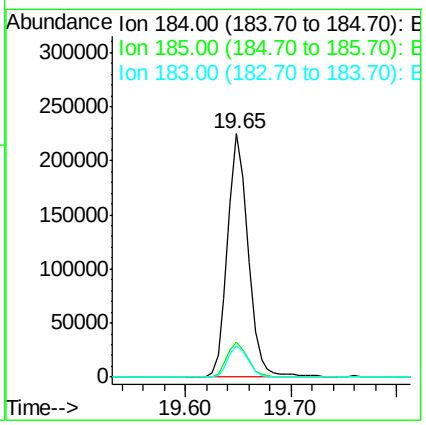


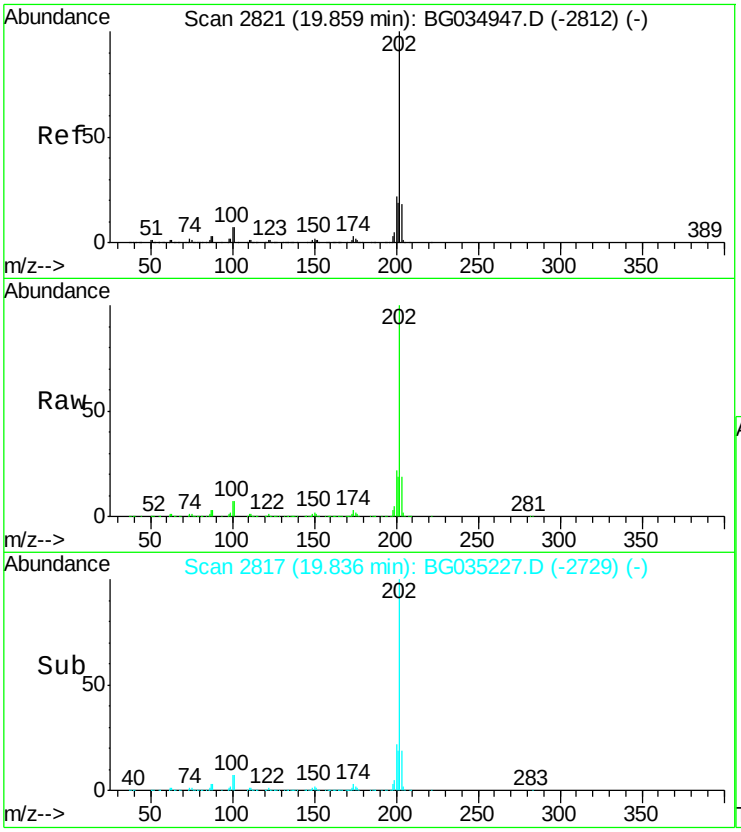




#76
Benzidine
Concen: 17.848 ng
RT: 19.65 min Scan# 2785
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:184 Resp: 304493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.5 | 11.1 | 16.7 |
| 183 | 12.8 | 10.6 | 16.0 |



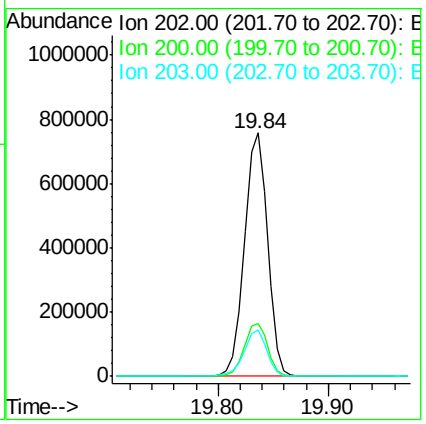


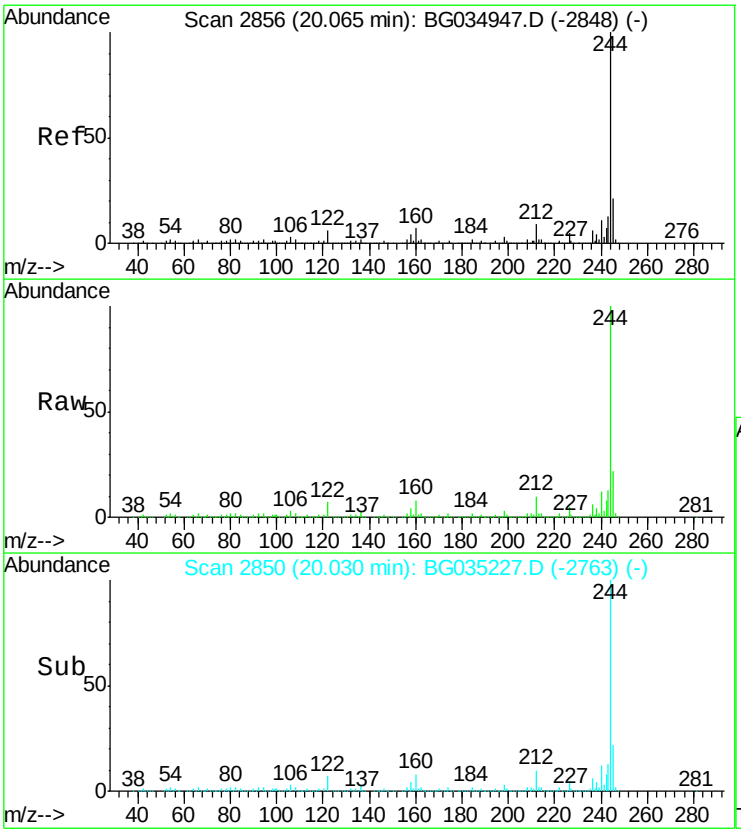

#77
Pyrene
Concen: 36.924 ng
RT: 19.84 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:202 Resp: 1116274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.9 | 16.9 | 25.3 |
| 203 | 18.9 | 13.9 | 20.9 |

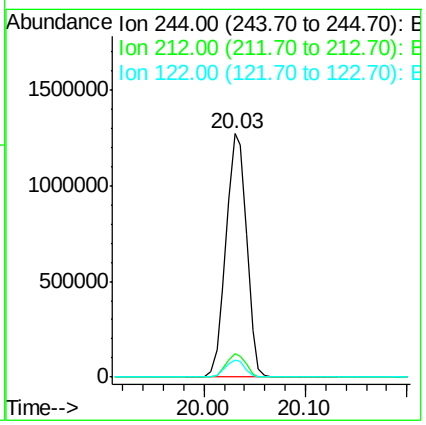


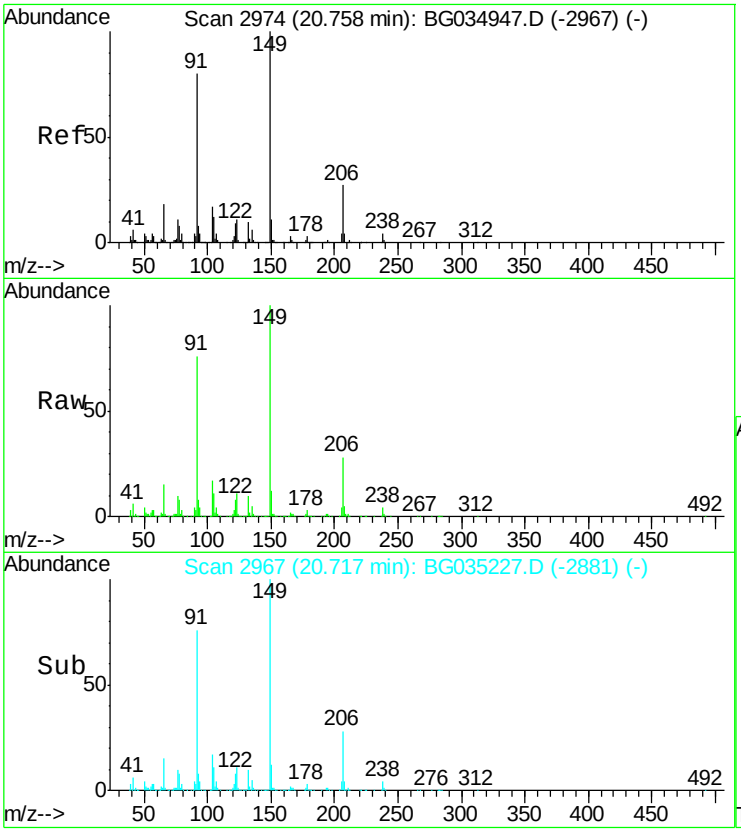




#78
Terphenyl-d14
Concen: 82.046 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:244 Resp: 1796199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.7 | 5.8 | 8.8# |
| 122 | 7.2 | 7.0 | 10.4 |



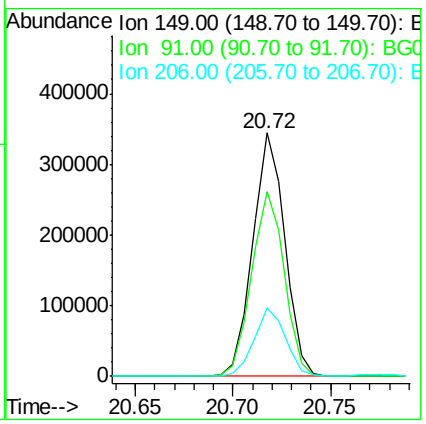


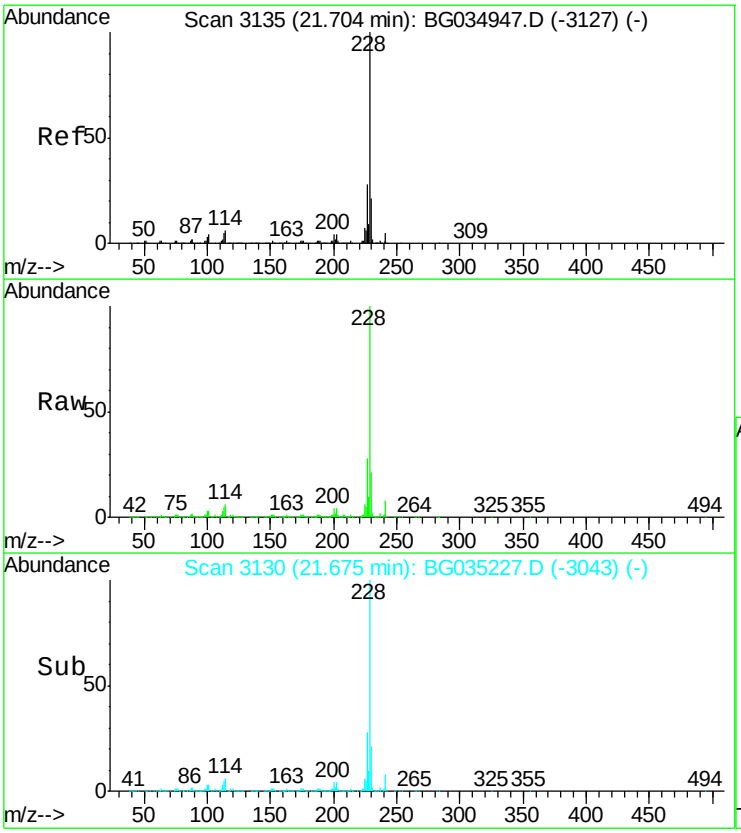

#79
Butylbenzylphthalate
Concen: 35.685 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:149 Resp: 391734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 76.1 | 62.2 | 93.2 |
| 206 | 27.8 | 18.6 | 27.8 |

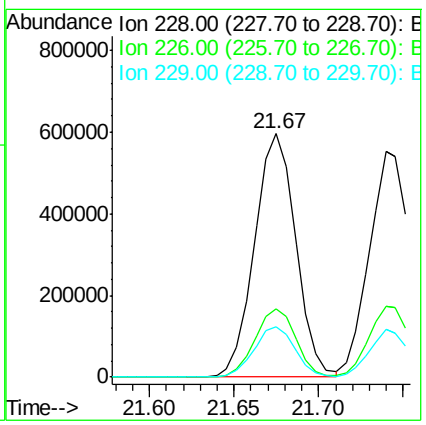


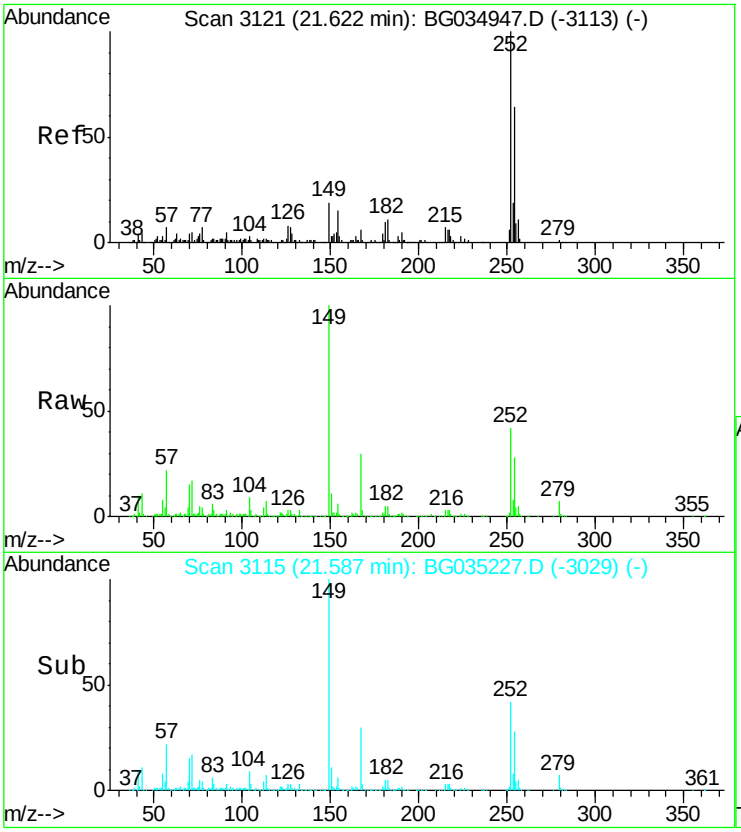




#80
Benzo(a)anthracene
Concen: 34.380 ng
RT: 21.67 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:228 Resp: 1007492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 22.7 | 34.1 |
| 229 | 20.8 | 16.2 | 24.2 |



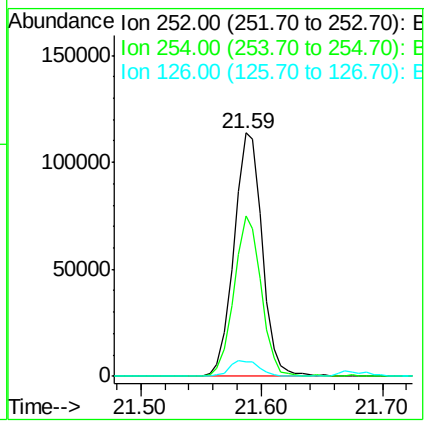


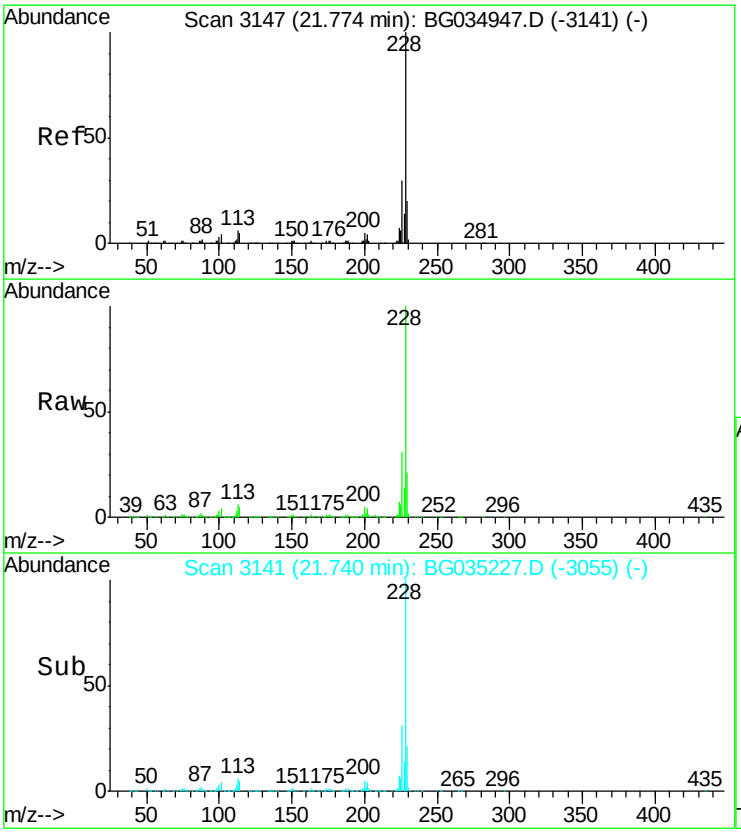

#81
3,3'-Dichlorobenzidine
Concen: 16.823 ng
RT: 21.59 min Scan# 3115
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:252 Resp: 185471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.0 | 50.8 | 76.2 |
| 126 | 6.1 | 7.4 | 11.2# |

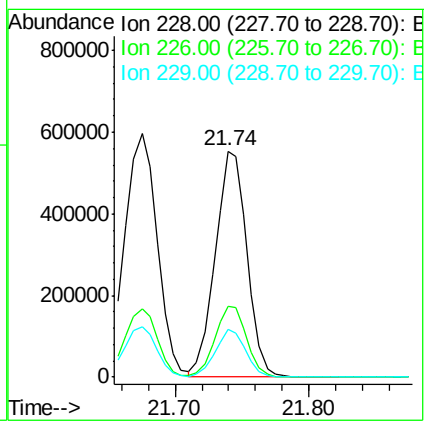


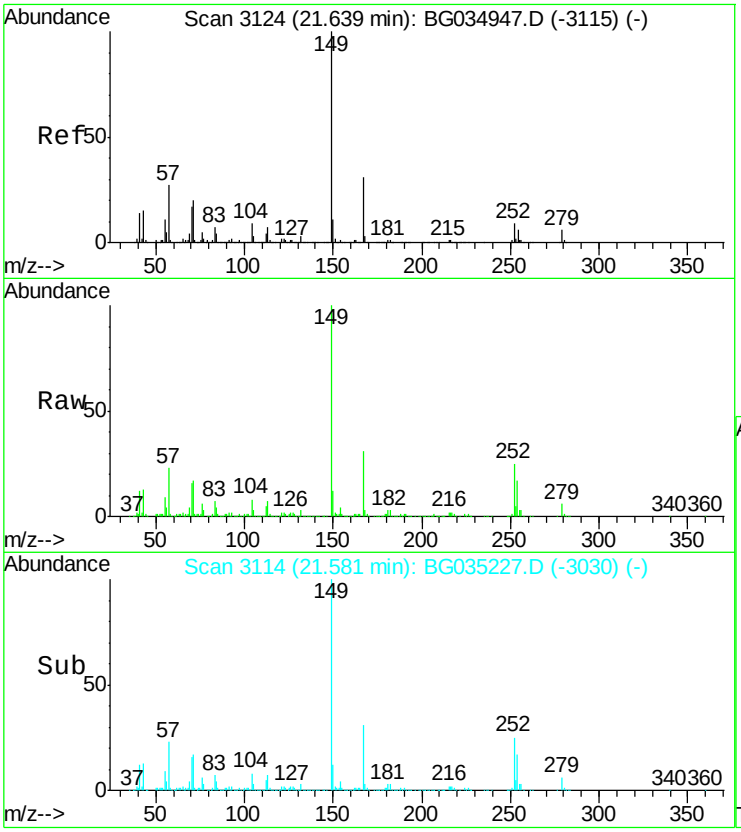




#82
Chrysene
Concen: 34.235 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:228 Resp: 918551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.4 | 24.9 | 37.3 |
| 229 | 21.0 | 15.0 | 22.4 |



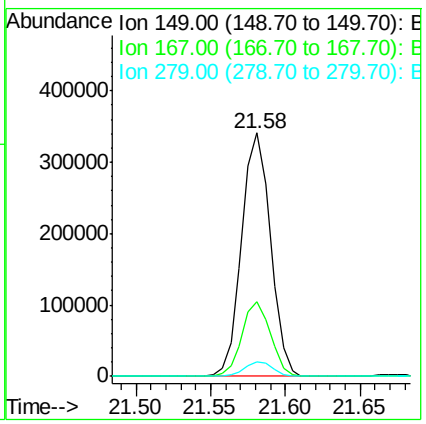


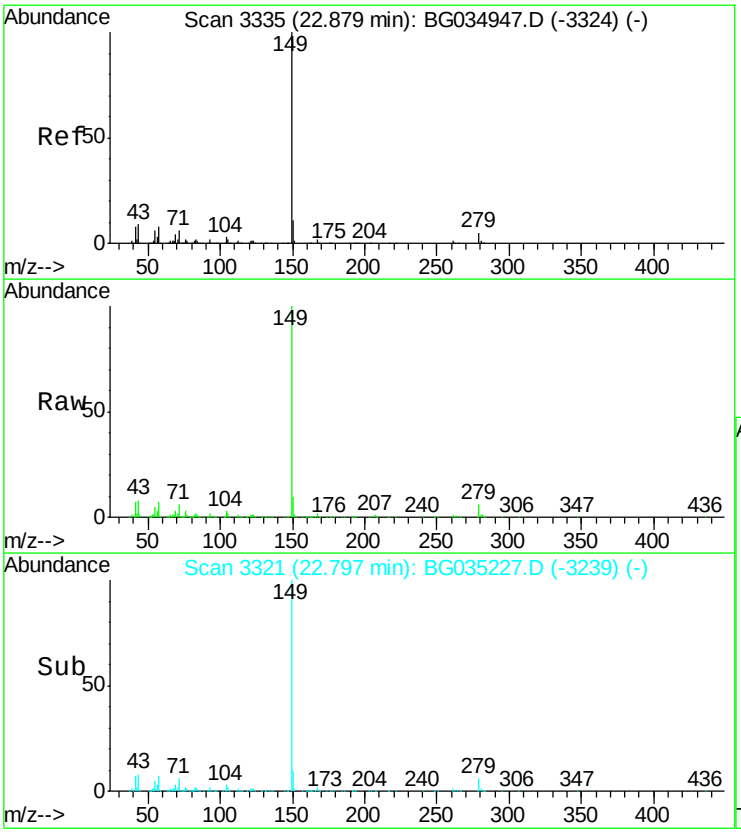

#83
Bis(2-ethylhexyl)phthalate
Concen: 29.458 ng
RT: 21.58 min Scan# 3114
Delta R.T. -0.04 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:149 Resp: 456942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.9 | 24.3 | 36.5 |
| 279 | 5.7 | 4.0 | 6.0 |

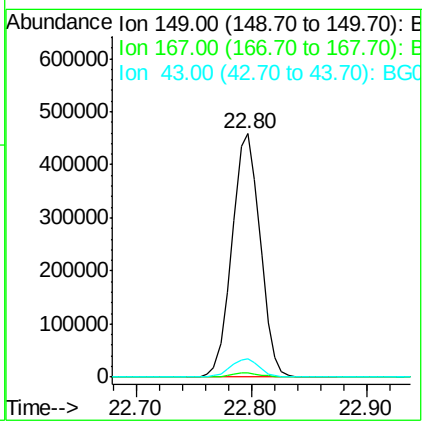


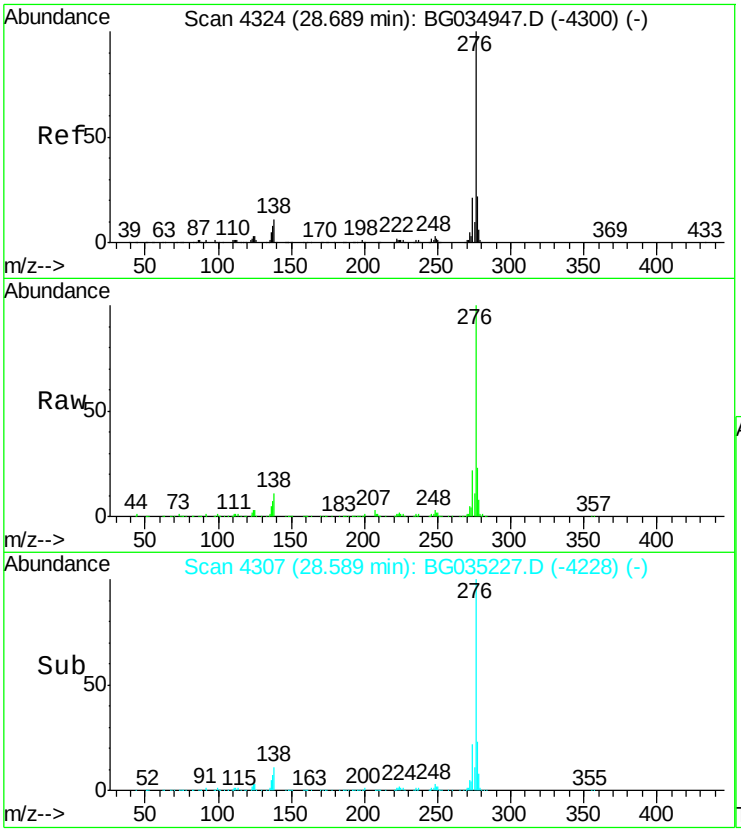




#84
Di-n-octyl phthalate
Concen: 28.996 ng
RT: 22.80 min Scan# 3321
Delta R.T. -0.05 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:149 Resp: 771632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.4 | 2.0 |
| 43 | 7.8 | 8.9 | 13.3# |



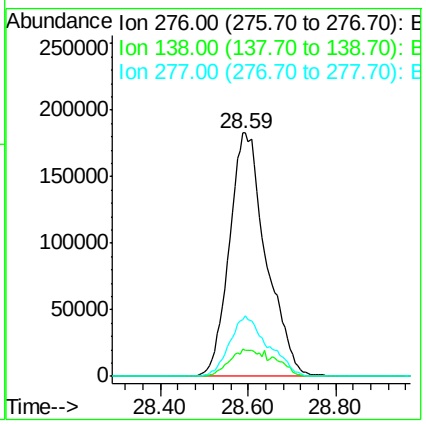


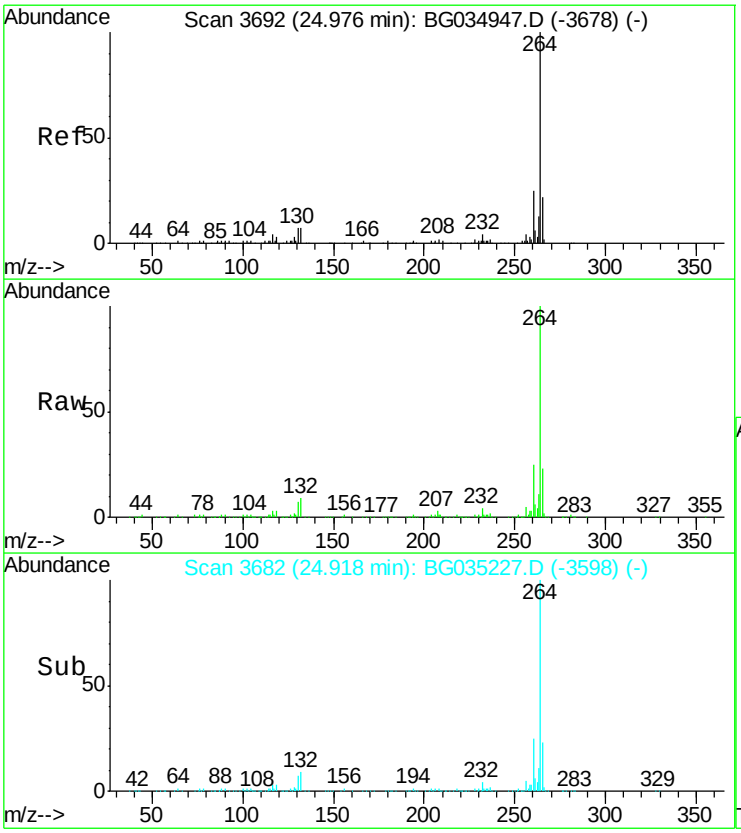

#85
Indeno(1,2,3-cd)pyrene
Concen: 33.086 ng
RT: 28.59 min Scan# 4307
Delta R.T. -0.07 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:276 Resp: 1039689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 10.5 | 16.0 | 24.0# |
| 277 | 25.8 | 20.0 | 30.0 |

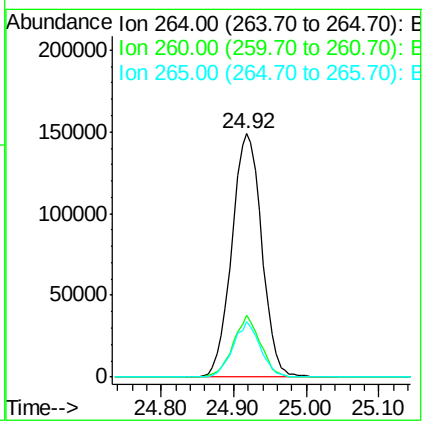


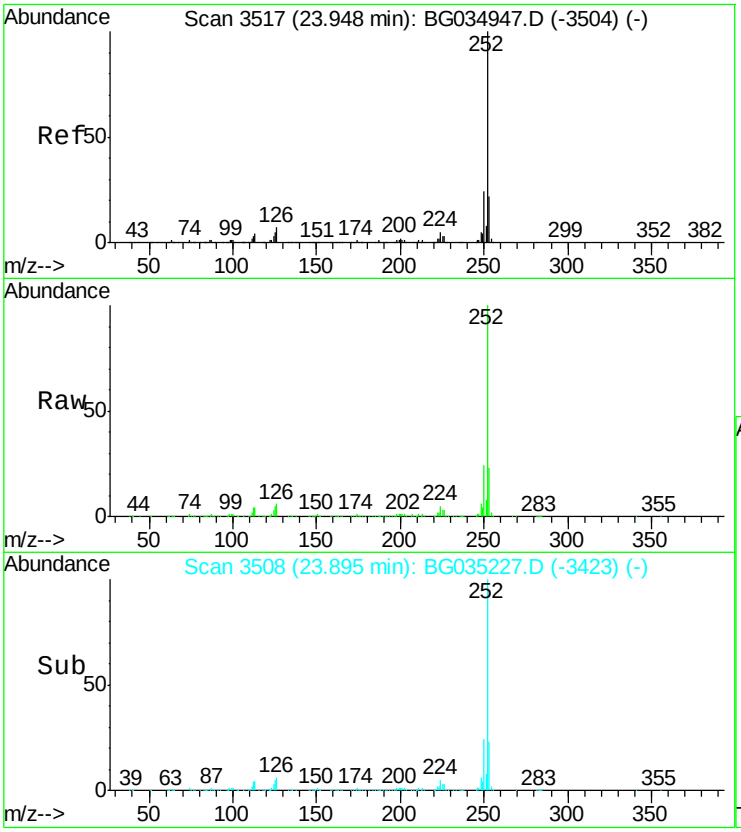




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:264 Resp: 426039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.2 | 17.4 | 26.0 |
| 265 | 23.0 | 17.7 | 26.5 |



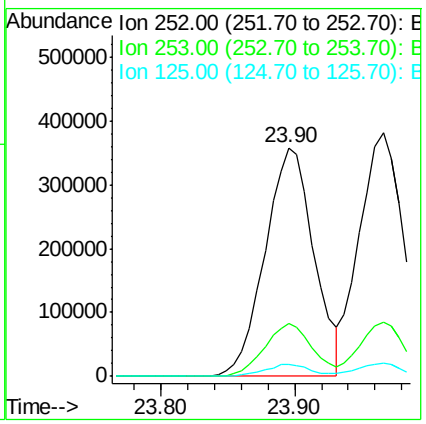


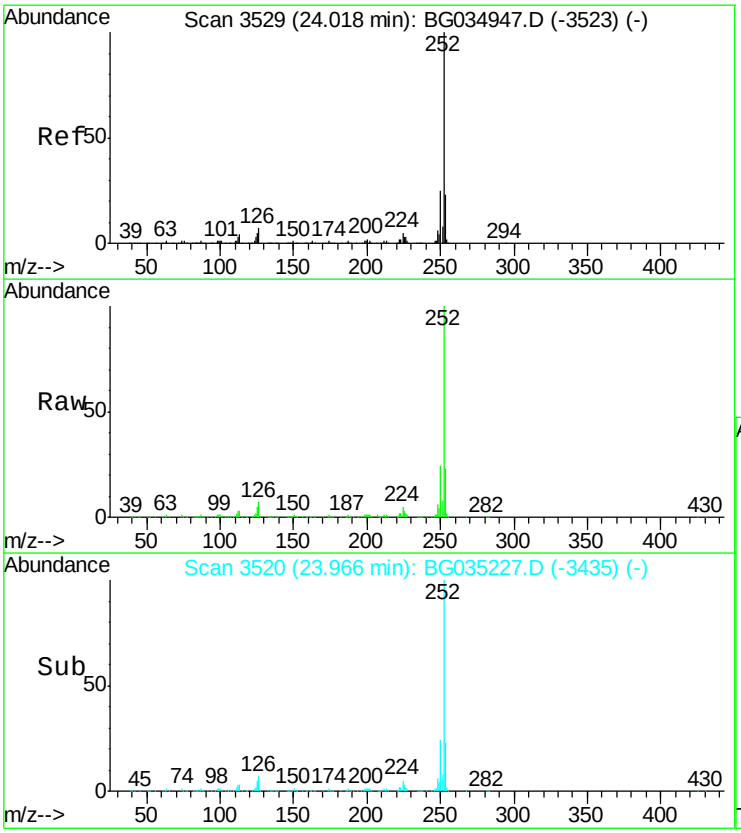

#87
Benzo(b)fluoranthene
Concen: 34.635 ng
RT: 23.90 min Scan# 3508
Delta R.T. -0.03 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:252 Resp: 908698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 18.2 | 27.4 |
| 125 | 5.2 | 7.2 | 10.8# |

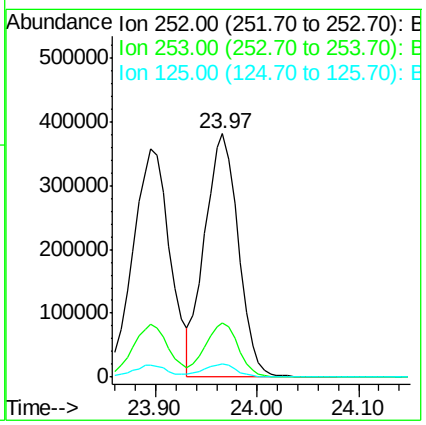


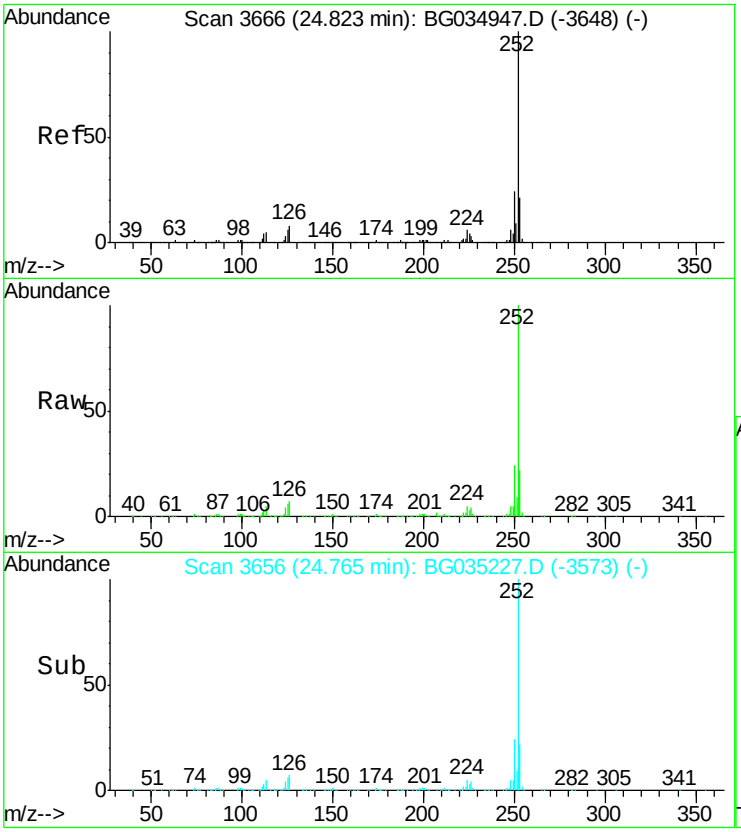




#88
Benzo(k)fluoranthene
Concen: 34.131 ng
RT: 23.97 min Scan# 3520
Delta R.T. -0.03 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:252 Resp: 875972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.4 | 26.2 |
| 125 | 5.2 | 6.6 | 9.8# |



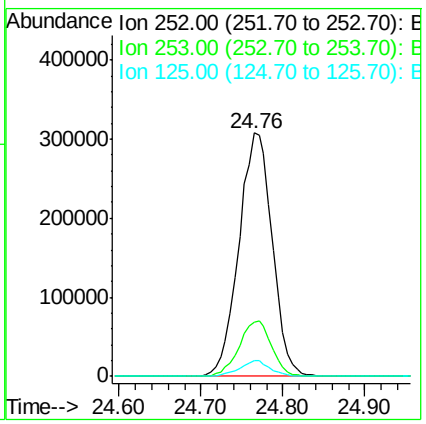


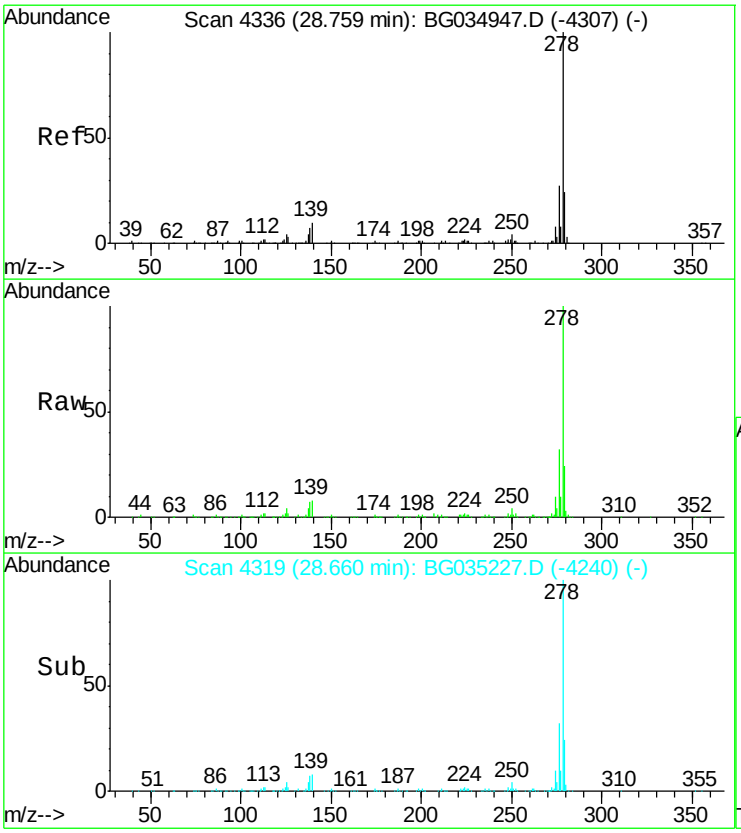

#89
Benzo(a)pyrene
Concen: 35.374 ng
RT: 24.76 min Scan# 3656
Delta R.T. -0.04 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:252 Resp: 873318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.3 | 27.5 |
| 125 | 6.5 | 7.3 | 10.9# |

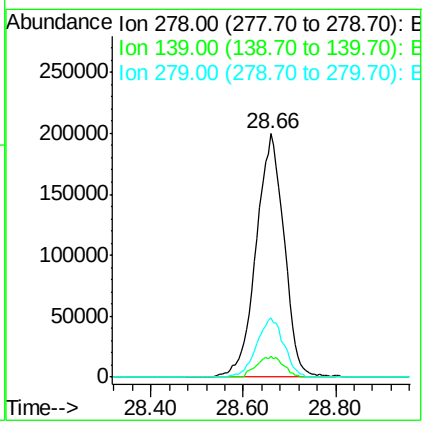


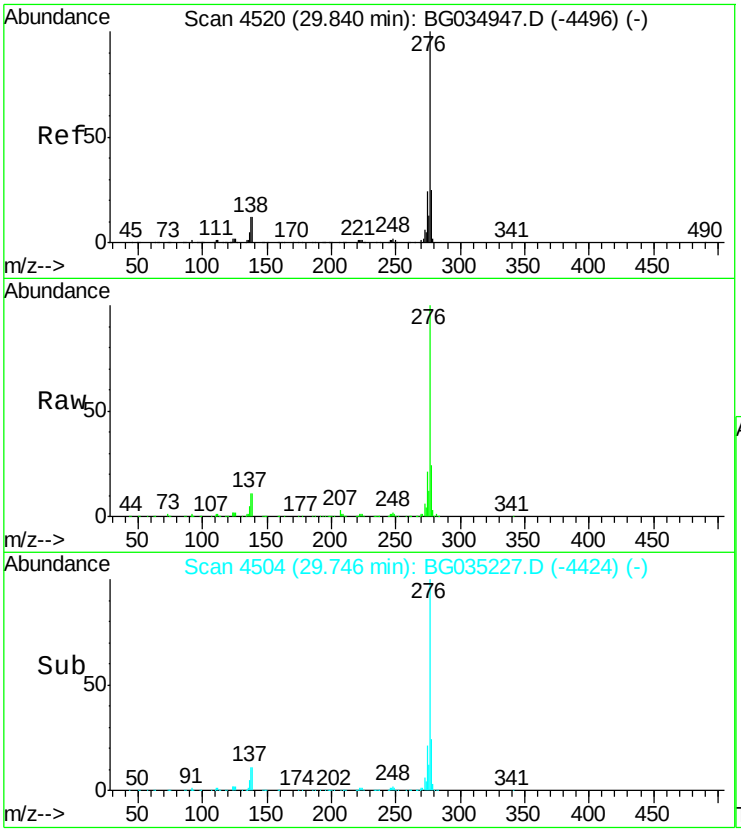




#90
Dibenzo(a,h)anthracene
Concen: 34.361 ng
RT: 28.66 min Scan# 4319
Delta R.T. -0.07 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

Tgt Ion:278 Resp: 837412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.4 | 9.8 | 14.6# |
| 279 | 24.3 | 18.4 | 27.6 |






#91
Benzo(g,h,i)perylene
Concen: 36.181 ng
RT: 29.75 min Scan# 4504
Delta R.T. -0.06 min
Lab File: BG035227.D
Acq: 18 Jun 2018 20:28

**Instrument :**
BNA_G
**ClientSampleId :**
PB110293BS

Tgt Ion:276 Resp: 862928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 18.3 | 27.5 |
| 138 | 11.3 | 13.9 | 20.9# |