Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072916\
Data File : BG023323.D
Acq On : 29 Jul 2016 3:05
Operator : UM/SJ
Sample : PB92434BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB92434BS

Quant Time: Jul 29 07:29:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 160929 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.97 | 136 | 728663 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.81 | 164 | 520293 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.57 | 188 | 1214060 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.89 | 240 | 1218921 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.30 | 264 | 1244968 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.68 | 112 | 1191278 | 126.37 | ng | | 0.00 |
| 7) Phenol-d6 | 7.29 | 99 | 1752514 | 121.09 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.31 | 82 | 1135251 | 76.19 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.31 | 330 | 807817 | 150.01 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.42 | 172 | 2337128 | 84.07 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.18 | 244 | 3024479 | 80.66 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.53 | 88 | 119961 | 29.67 | ng | # | 89 |
| 3) Pyridine | 3.93 | 79 | 393311 | 27.80 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.85 | 42 | 175221 | 27.41 | ng | # | 71 |
| 6) Aniline | 7.46 | 93 | 470091 | 24.32 | ng | | 94 |
| 8) 2-Chlorophenol | 7.70 | 128 | 445076 | 42.32 | ng | | 96 |
| 9) Benzaldehyde | 7.26 | 77 | 274401 | 26.40 | ng | | 94 |
| 10) Phenol | 7.32 | 94 | 650555 | 42.60 | ng | # | 79 |
| 11) bis(2-Chloroethyl)ether | 7.54 | 93 | 440929 | 33.97 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 8.02 | 146 | 441255 | 37.23 | ng | | 92 |
| 13) 1,4-Dichlorobenzene | 8.17 | 146 | 450835 | 37.28 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 8.50 | 146 | 442209 | 37.91 | ng | | 93 |
| 15) Benzyl Alcohol | 8.38 | 79 | 445492 | 45.74 | ng | # | 89 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.67 | 45 | 657662 | 31.84 | ng | | 91 |
| 17) 2-Methylphenol | 8.58 | 107 | 442416 | 42.39 | ng | # | 85 |
| 18) Hexachloroethane | 9.23 | 117 | 172217 | 34.19 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.94 | 70 | 442793 | 34.02 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.91 | 107 | 610373 | 43.01 | ng | | 88 |
| 22) Acetophenone | 8.97 | 105 | 624202 | 32.81 | ng | # | 89 |
| 24) Nitrobenzene | 9.36 | 77 | 626343 | 36.20 | ng | # | 86 |
| 25) Isophorone | 9.88 | 82 | 1150347 | 37.38 | ng | # | 92 |
| 26) 2-Nitrophenol | 10.08 | 139 | 265773 | 40.67 | ng | # | 75 |
| 27) 2,4-Dimethylphenol | 10.13 | 122 | 493861 | 44.83 | ng | | 84 |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93 | 692682 | 40.11 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.62 | 162 | 503611 | 47.22 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.83 | 180 | 469860 | 39.87 | ng | | 95 |
| 31) Naphthalene | 11.02 | 128 | 1381277 | 40.80 | ng | | 99 |
| 32) Benzoic acid | 10.26 | 122 | 258095 | 32.02 | ng | # | 86 |
| 33) 4-Chloroaniline | 11.14 | 127 | 106649 | 6.82 | ng | # | 92 |
| 34) Hexachlorobutadiene | 11.30 | 225 | 294042 | 38.07 | ng | | 96 |
| 35) Caprolactam | 11.91 | 113 | 199600 | 44.01 | ng | | 97 |
| 36) 4-Chloro-3-methylphenol | 12.26 | 107 | 607798 | 43.38 | ng | | 90 |
| 37) 2-Methylnaphthalene | 12.85 | 142 | 1042158 | 41.51 | ng | | 91 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 519956 | 30.87 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.97 | 237 | 702460 | 88.01 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072916\
Data File : BG023323.D
Acq On : 29 Jul 2016 3:05
Operator : UM/SJ
Sample : PB92434BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB92434BS

Quant Time: Jul 29 07:29:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

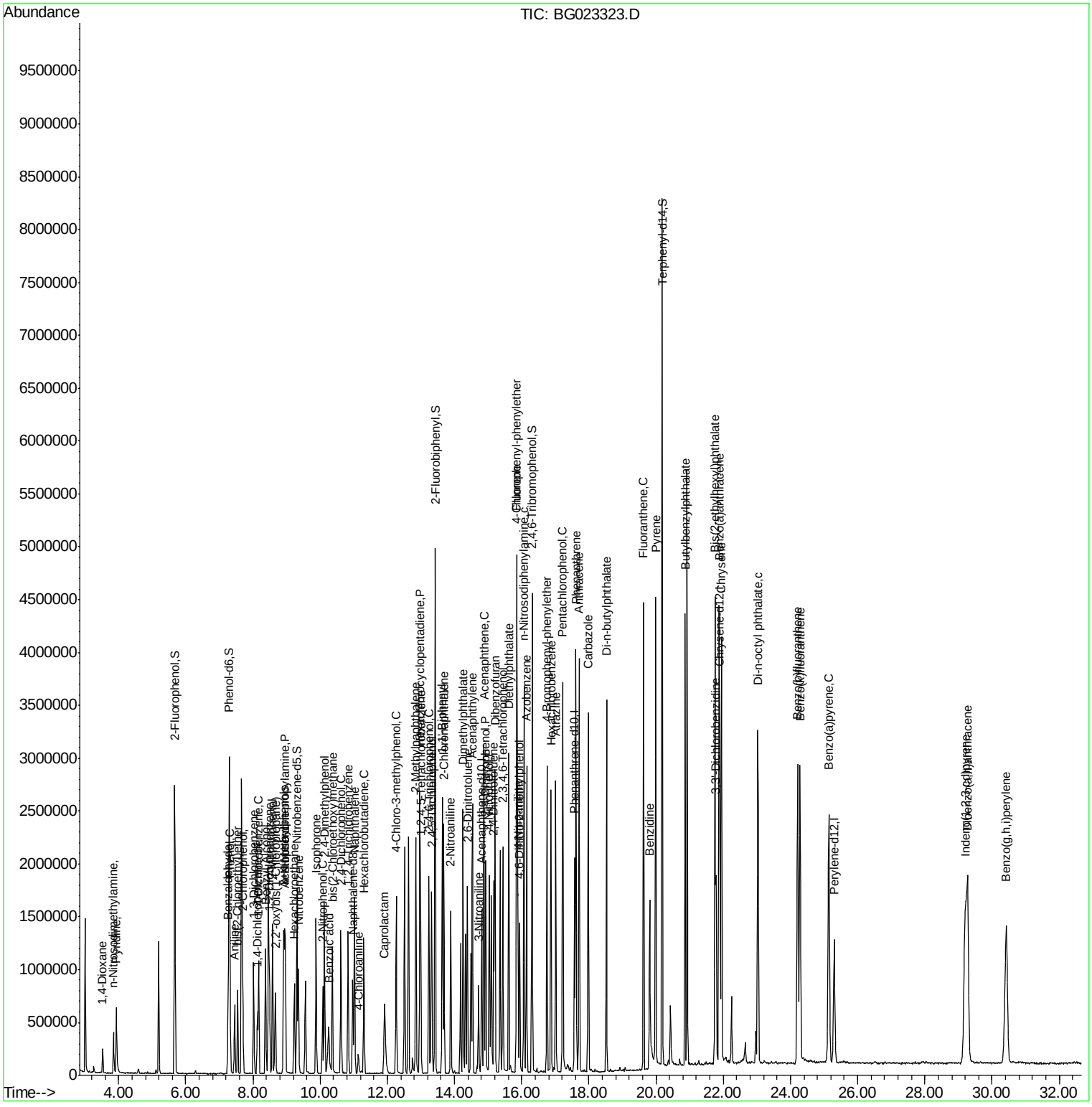
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.24 | 196 | 438012 | 44.27 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 13.32 | 196 | 472466 | 45.02 | ng | # | 95 |
| 45) 1,1'-Biphenyl | 13.64 | 154 | 1337015 | 36.85 | ng | | 94 |
| 46) 2-Chloronaphthalene | 13.68 | 162 | 1152363 | 39.63 | ng | | 95 |
| 47) 2-Nitroaniline | 13.89 | 65 | 483353 | 39.30 | ng | # | 87 |
| 48) Acenaphthylene | 14.53 | 152 | 1828506 | 41.07 | ng | | 96 |
| 49) Dimethylphthalate | 14.25 | 163 | 1549893 | 40.37 | ng | | 97 |
| 50) 2,6-Dinitrotoluene | 14.38 | 165 | 366018 | 40.71 | ng | # | 80 |
| 51) Acenaphthene | 14.87 | 154 | 1182942 | 40.96 | ng | | 99 |
| 52) 3-Nitroaniline | 14.72 | 138 | 208850 | 23.06 | ng | # | 73 |
| 53) 2,4-Dinitrophenol | 14.93 | 184 | 454667 | 86.36 | ng | # | 84 |
| 54) Dibenzofuran | 15.21 | 168 | 1839073 | 45.01 | ng | | 96 |
| 55) 4-Nitrophenol | 15.03 | 139 | 618546 | 78.74 | ng | # | 72 |
| 56) 2,4-Dinitrotoluene | 15.17 | 165 | 538491 | 42.53 | ng | # | 84 |
| 57) Fluorene | 15.86 | 166 | 1512940 | 41.93 | ng | | 95 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.44 | 232 | 437049 | 49.19 | ng | | 92 |
| 59) Diethylphthalate | 15.62 | 149 | 1587733 | 40.37 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204 | 792807 | 40.59 | ng | | 99 |
| 61) 4-Nitroaniline | 15.89 | 138 | 402528 | 42.39 | ng | # | 61 |
| 62) Azobenzene | 16.14 | 77 | 1737825 | 42.62 | ng | | 90 |
| 64) 4,6-Dinitro-2-methylphenol | 15.94 | 198 | 324567 | 41.62 | ng | | 95 |
| 65) n-Nitrosodiphenylamine | 16.07 | 169 | 1406506 | 43.39 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 16.75 | 248 | 540426 | 44.02 | ng | | 96 |
| 67) Hexachlorobenzene | 16.87 | 284 | 561432 | 45.49 | ng | | 97 |
| 68) Atrazine | 17.02 | 200 | 518883 | 41.73 | ng | | 95 |
| 69) Pentachlorophenol | 17.22 | 266 | 659520 | 86.58 | ng | | 98 |
| 70) Phenanthrene | 17.62 | 178 | 2342694 | 44.12 | ng | | 94 |
| 71) Anthracene | 17.71 | 178 | 2401420 | 44.76 | ng | | 96 |
| 72) Carbazole | 17.98 | 167 | 2216786 | 45.11 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.52 | 149 | 2439565 | 44.49 | ng | | 98 |
| 74) Fluoranthene | 19.63 | 202 | 2575954 | 42.51 | ng | | 93 |
| 76) Benzidine | 19.81 | 184 | 1375620 | 40.13 | ng | | 98 |
| 77) Pyrene | 19.99 | 202 | 2560836 | 37.02 | ng | | 96 |
| 79) Butylbenzylphthalate | 20.87 | 149 | 1240690 | 40.77 | ng | | 97 |
| 80) Benzo(a)anthracene | 21.87 | 228 | 2577931 | 40.40 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.78 | 252 | 728213 | 28.14 | ng | # | 94 |
| 82) Chrysene | 21.94 | 228 | 2428482 | 39.39 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.75 | 149 | 1694951 | 39.80 | ng | | 95 |
| 84) Di-n-octyl phthalate | 23.03 | 149 | 2824214 | 40.55 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 29.21 | 276 | 3296083 | 45.83 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 24.22 | 252 | 2796444 | 42.28 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 24.29 | 252 | 2657716 | 40.20 | ng | # | 92 |
| 89) Benzo(a)pyrene | 25.14 | 252 | 2734769 | 42.20 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 29.27 | 278 | 2717003 | 44.32 | ng | # | 88 |
| 91) Benzo(g,h,i)perylene | 30.42 | 276 | 2741961 | 42.48 | ng | # | 92 |

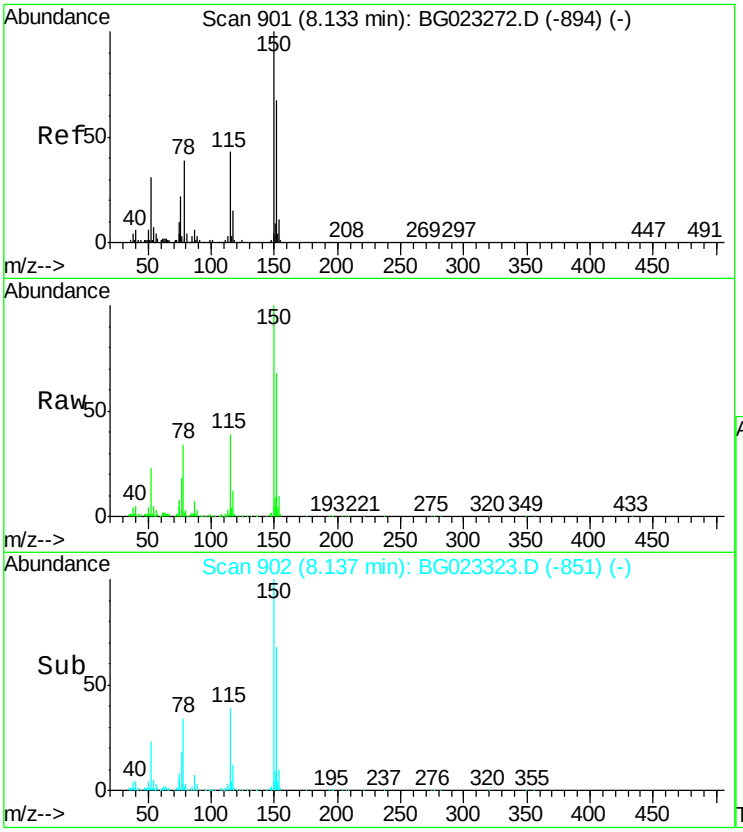
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072916\
Data File : BG023323.D
Acq On : 29 Jul 2016 3:05
Operator : UM/SJ
Sample : PB92434BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Quant Time: Jul 29 07:29:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration



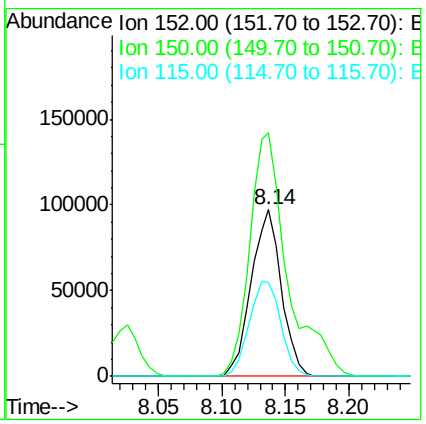


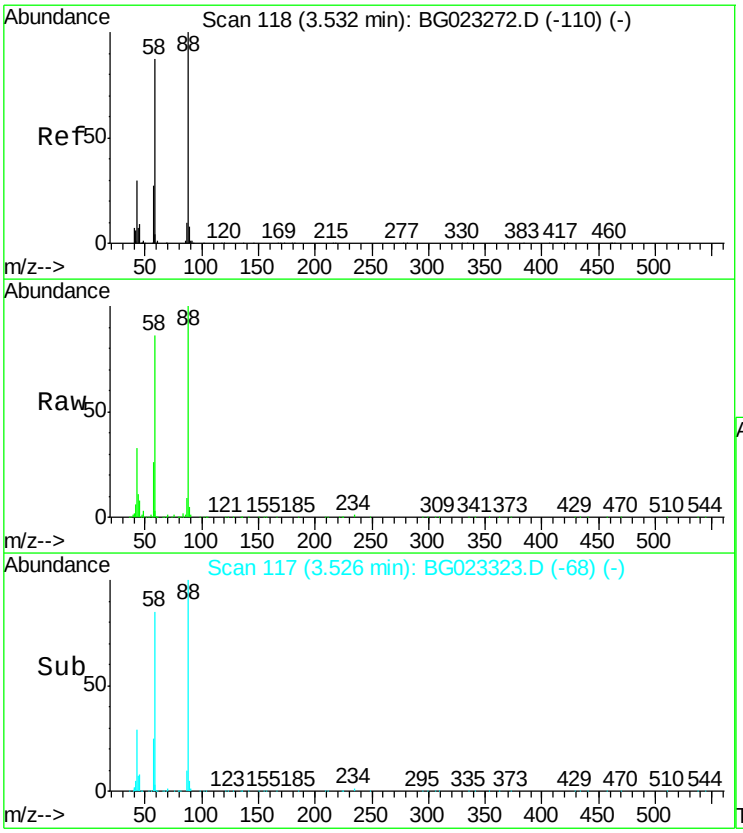

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:152 Resp: 160929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 146.2 | 144.7 | 217.1 |
| 115 | 56.4 | 64.0 | 96.0# |

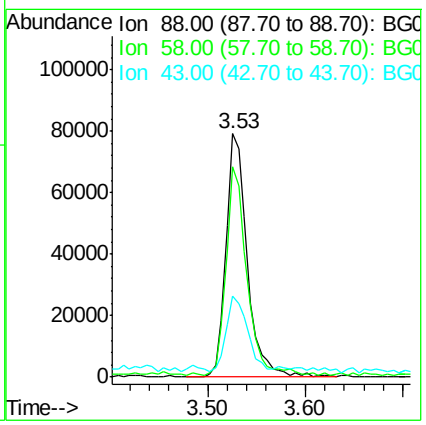


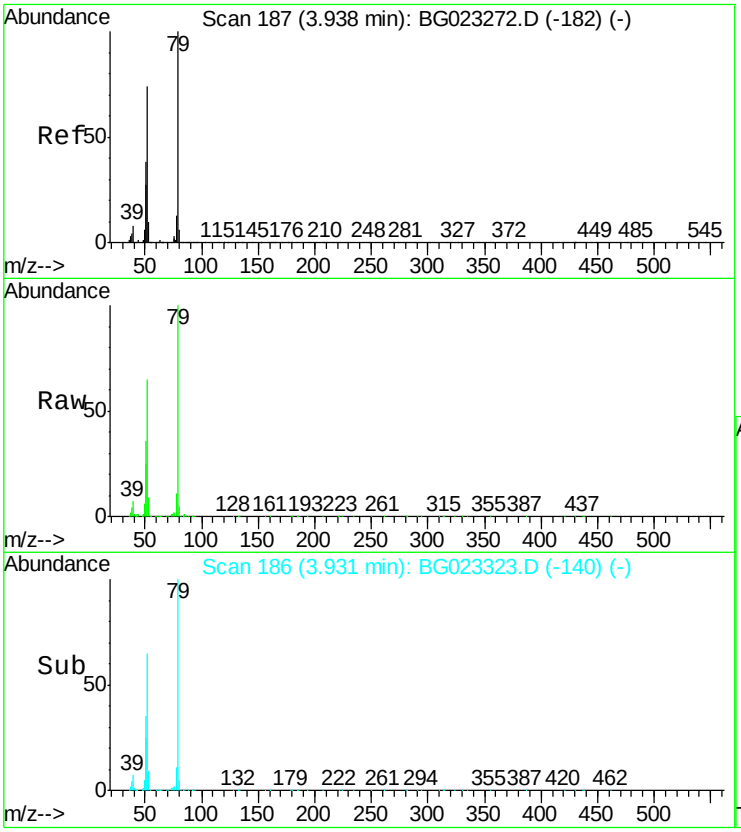




#2
1,4-Dioxane
Concen: 29.67 ng
RT: 3.53 min Scan# 117
Delta R.T. -0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion: 88 Resp: 119961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 83.6 | 60.4 | 90.6 |
| 43 | 30.6 | 31.1 | 46.7# |



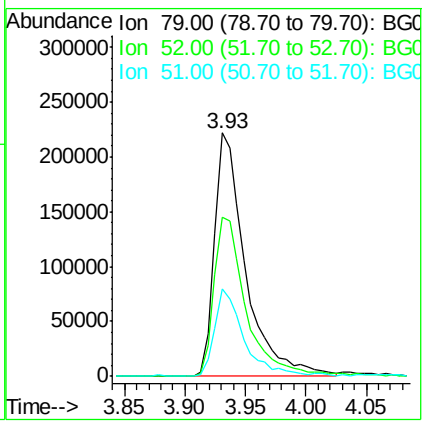


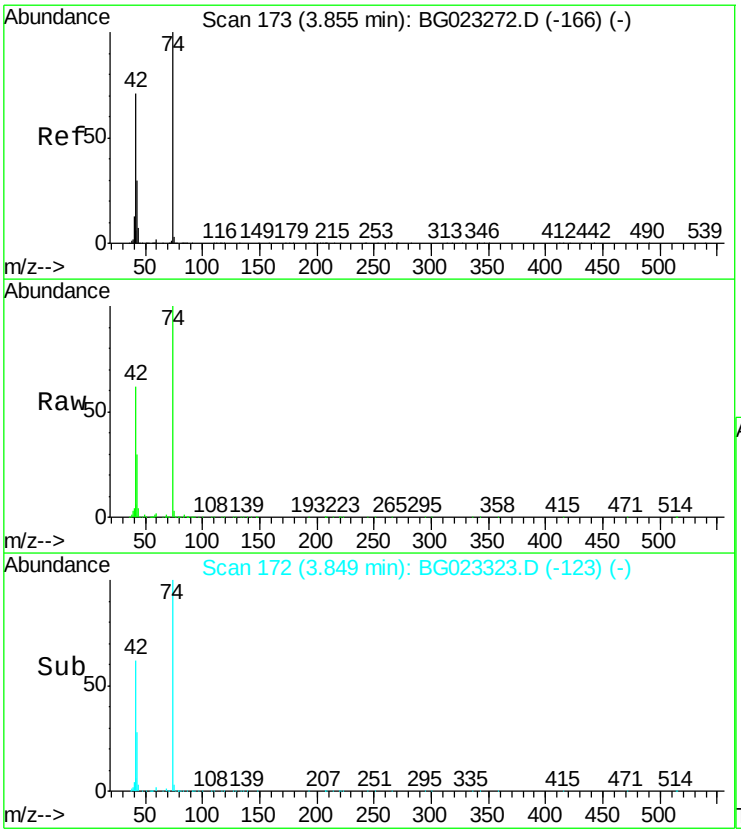

#3
Pyridine
Concen: 27.80 ng
RT: 3.93 min Scan# 186
Delta R.T. -0.03 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion: 79 Resp: 393311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 65.5 | 51.8 | 77.8 |
| 51 | 35.7 | 32.7 | 49.1 |

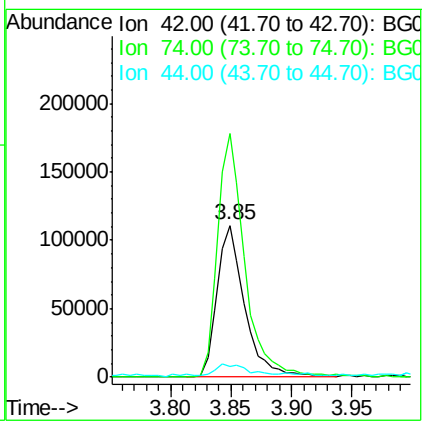


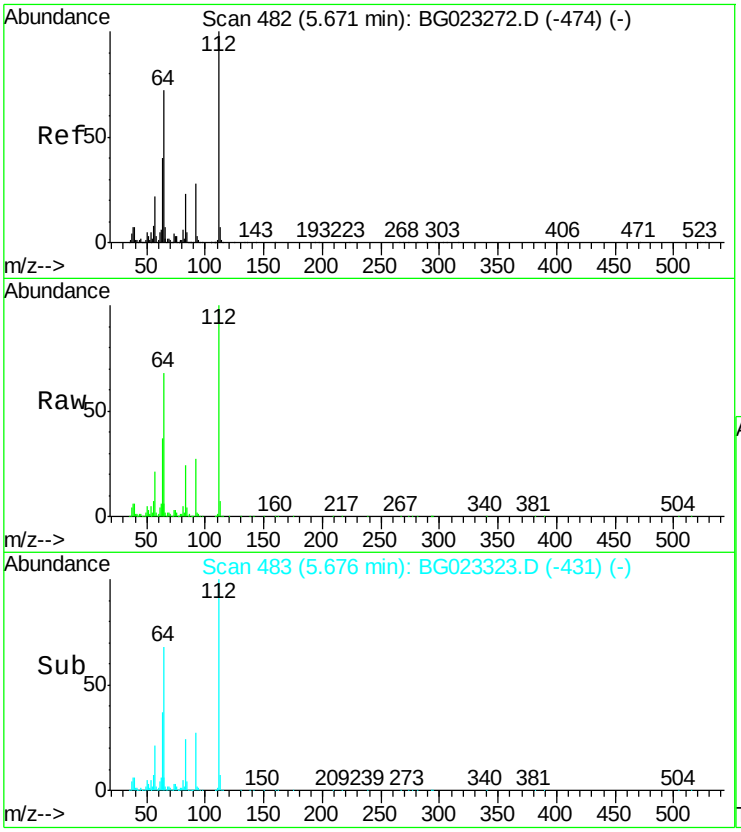




#4
n-Nitrosodimethylamine
Concen: 27.41 ng
RT: 3.85 min Scan# 172
Delta R.T. -0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion: 42 Resp: 175221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 160.1 | 100.6 | 150.8# |
| 44 | 6.9 | 4.5 | 6.7# |



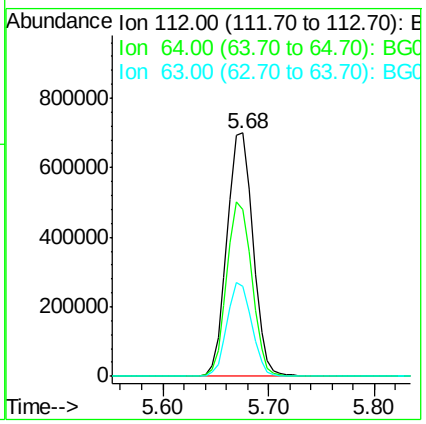


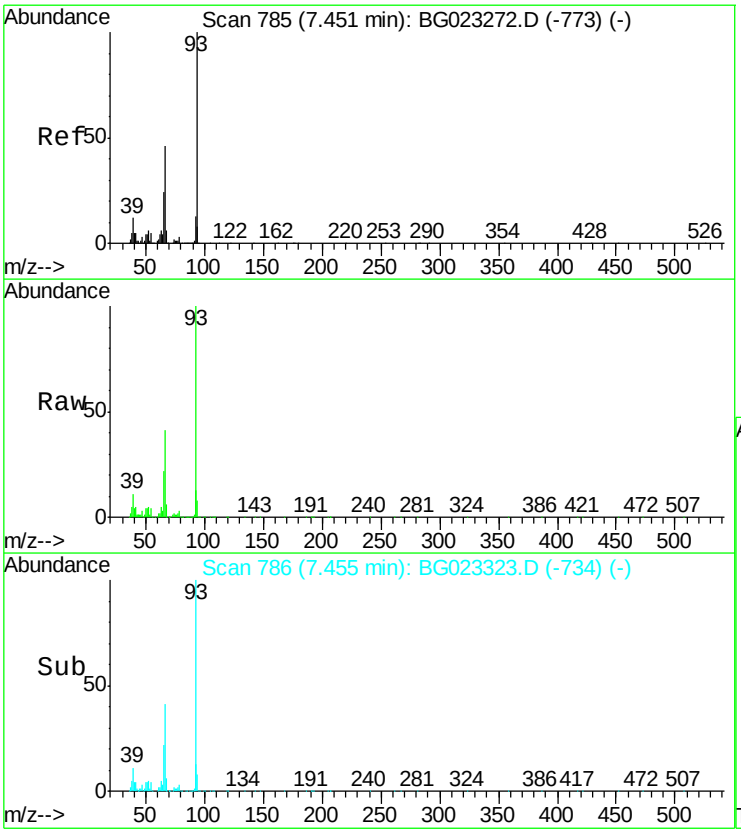

#5
2-Fluorophenol
Concen: 126.37 ng
RT: 5.68 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:112 Resp: 1191278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.4 | 59.0 | 88.4 |
| 63 | 37.0 | 37.8 | 56.8# |

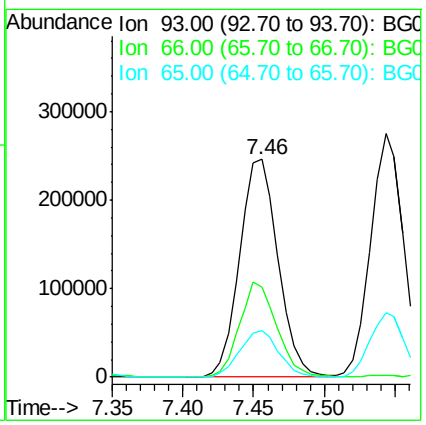


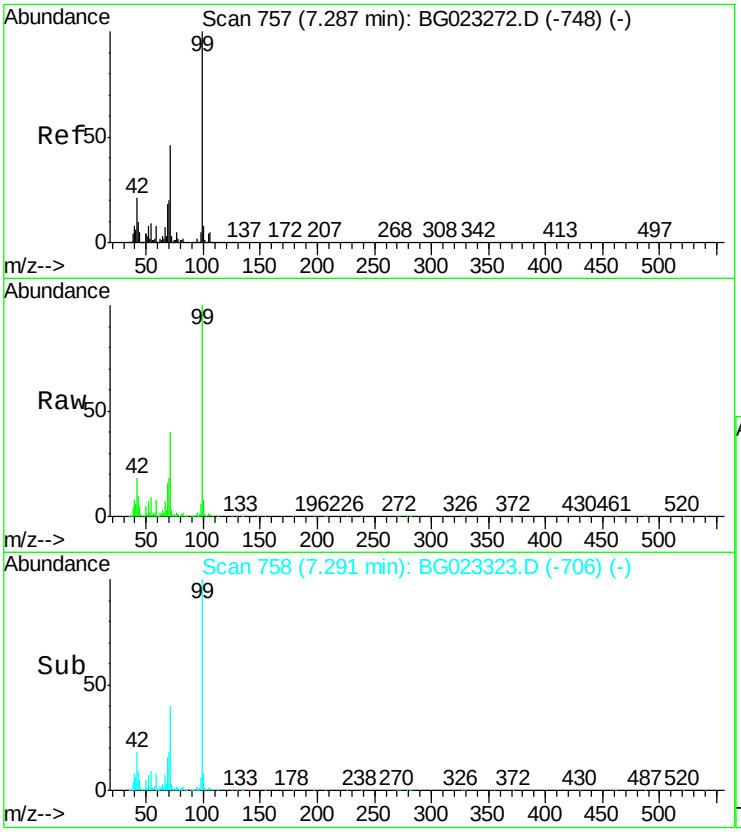




#6
Aniline
Concen: 24.32 ng
RT: 7.46 min Scan# 786
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion: 93 Resp: 470091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.5 | 37.5 | 56.3 |
| 65 | 21.6 | 17.9 | 26.9 |



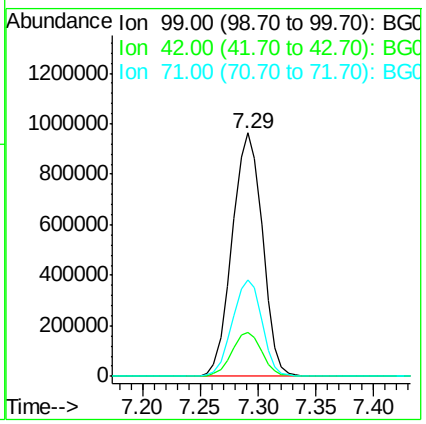


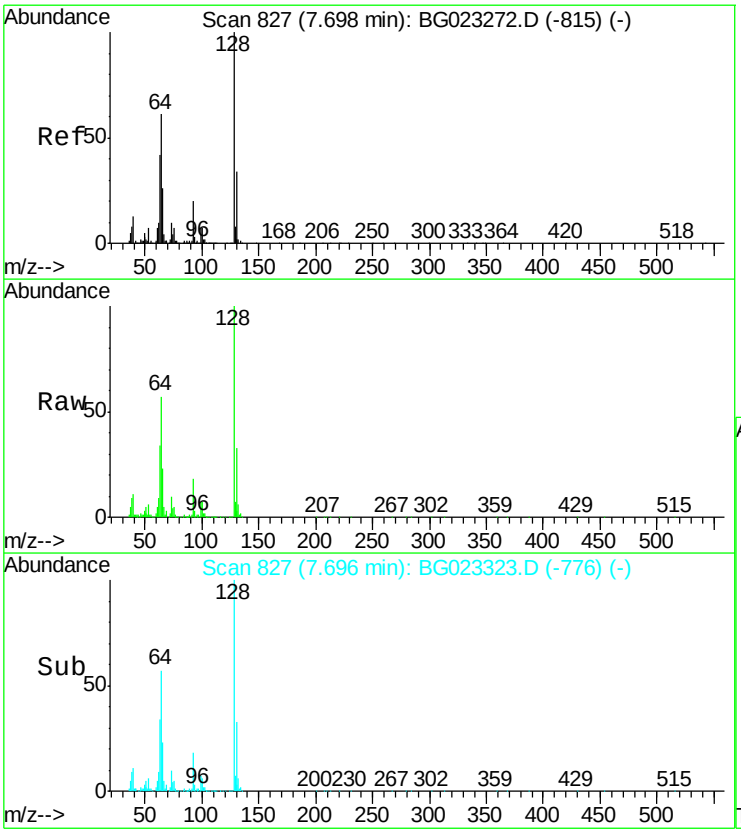

#7
Phenol-d6
Concen: 121.09 ng
RT: 7.29 min Scan# 758
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion: 99 Resp: 1752514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.1 | 17.8 | 26.6 |
| 71 | 39.7 | 41.5 | 62.3# |

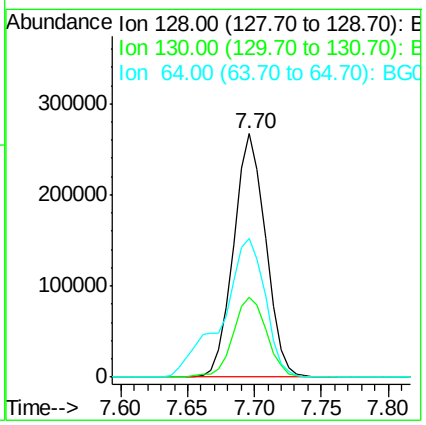


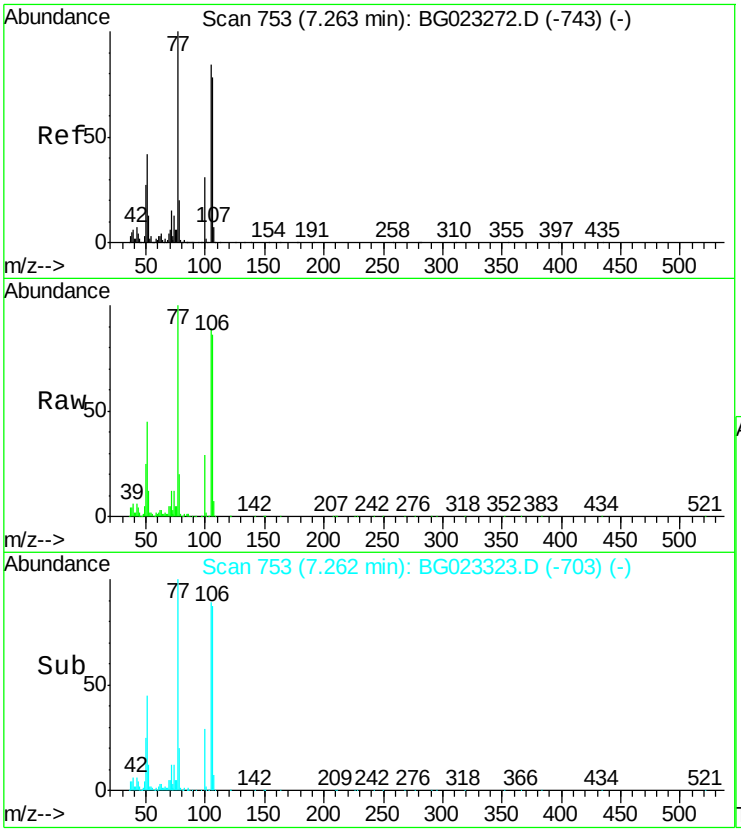




#8
2-Chlorophenol
Concen: 42.32 ng
RT: 7.70 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:128 Resp: 445076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.9 | 52.9 |
| 64 | 56.8 | 42.0 | 82.0 |



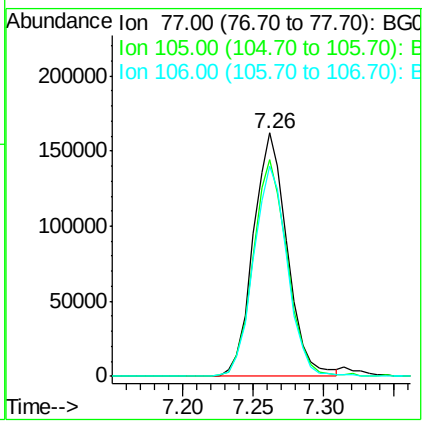


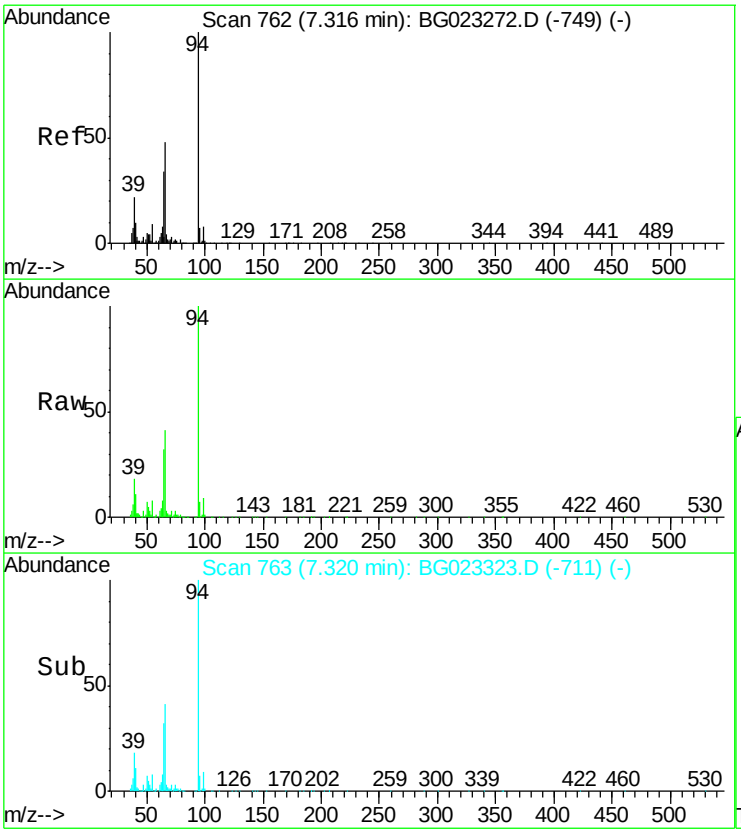

#9
Benzaldehyde
Concen: 26.40 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion: 77 Resp: 274401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 89.1 | 58.7 | 98.7 |
| 106 | 86.4 | 67.5 | 107.5 |

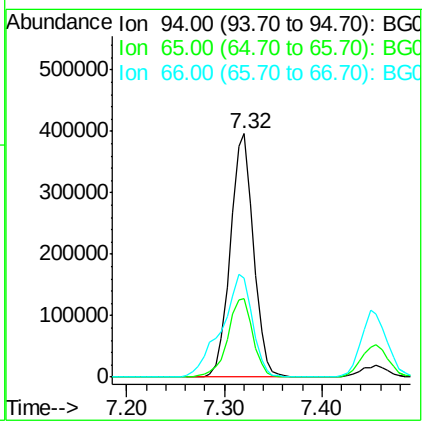


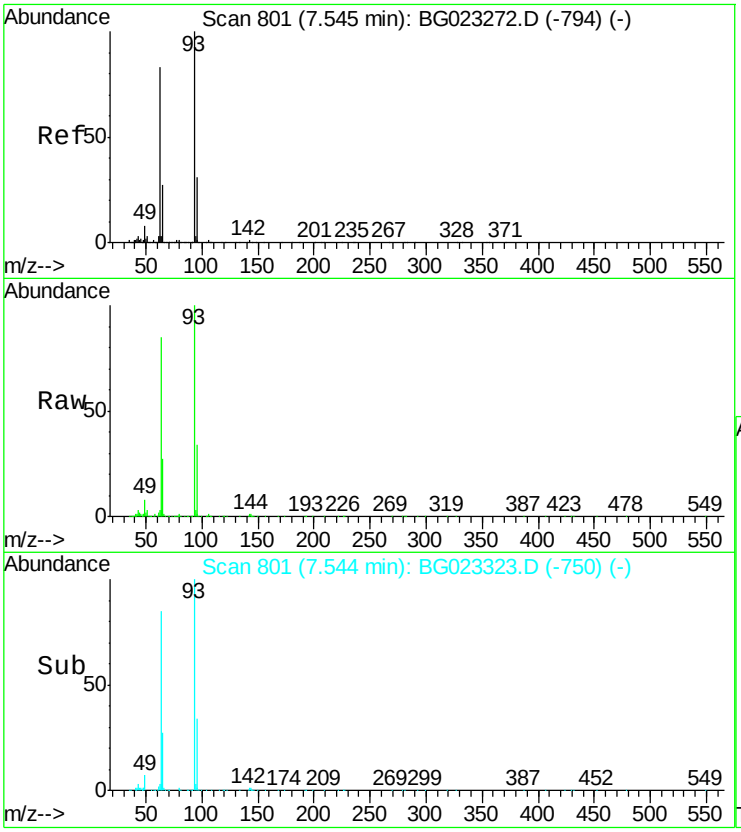




#10
Phenol
Concen: 42.60 ng
RT: 7.32 min Scan# 763
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion: 94 Resp: 650555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.0 | 18.1 | 58.1 |
| 66 | 40.8 | 42.1 | 82.1# |



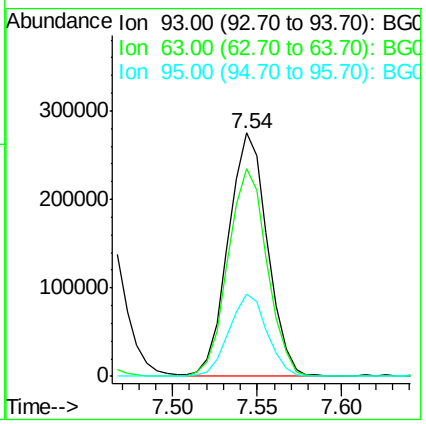


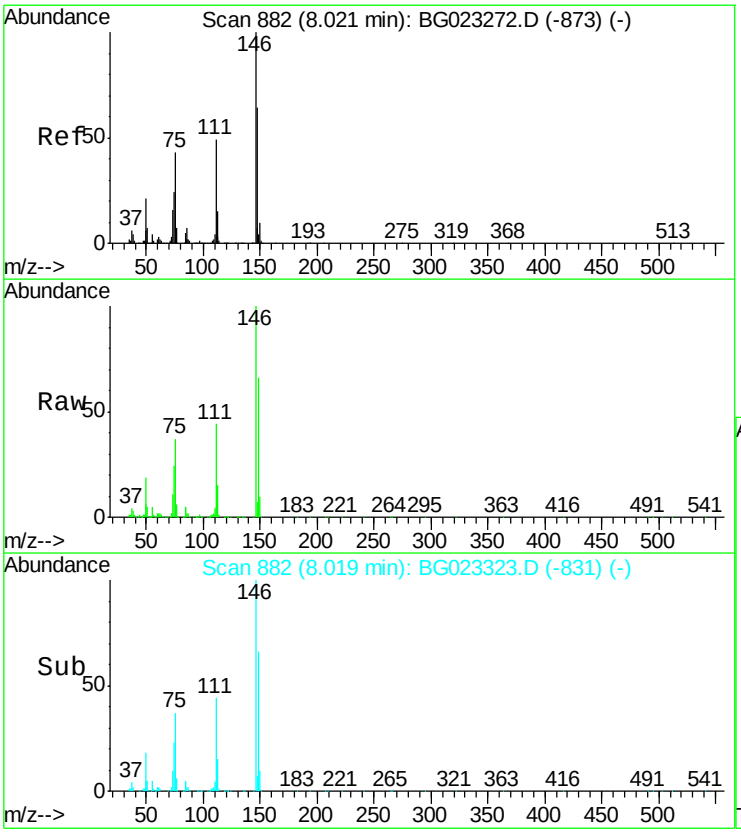

#11
bis(2-Chloroethyl)ether
Concen: 33.97 ng
RT: 7.54 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion: 93 Resp: 440929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 85.1 | 55.0 | 95.0 |
| 95 | 34.0 | 11.0 | 51.0 |

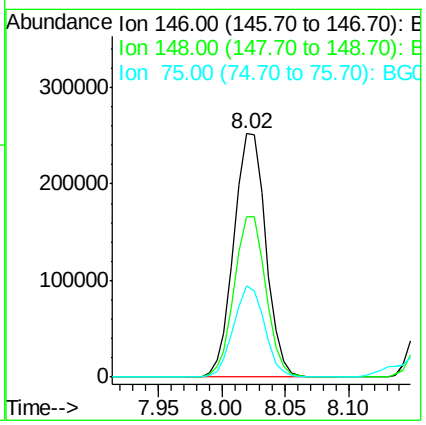


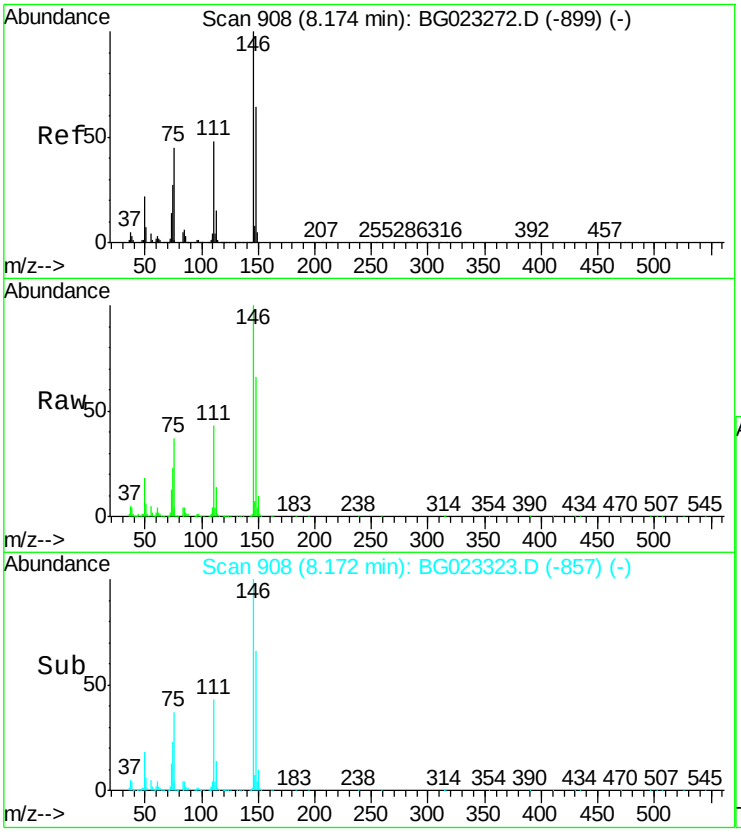




#12
1,3-Dichlorobenzene
Concen: 37.23 ng
RT: 8.02 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:146 Resp: 441255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 50.3 | 75.5 |
| 75 | 37.3 | 37.0 | 55.6 |



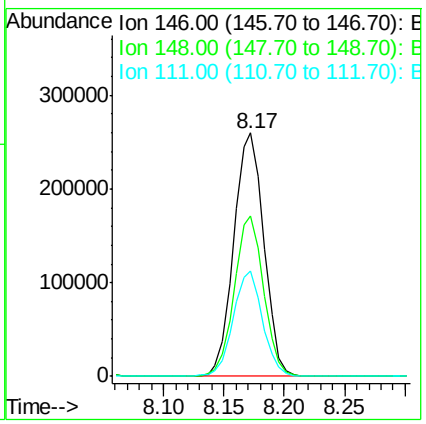


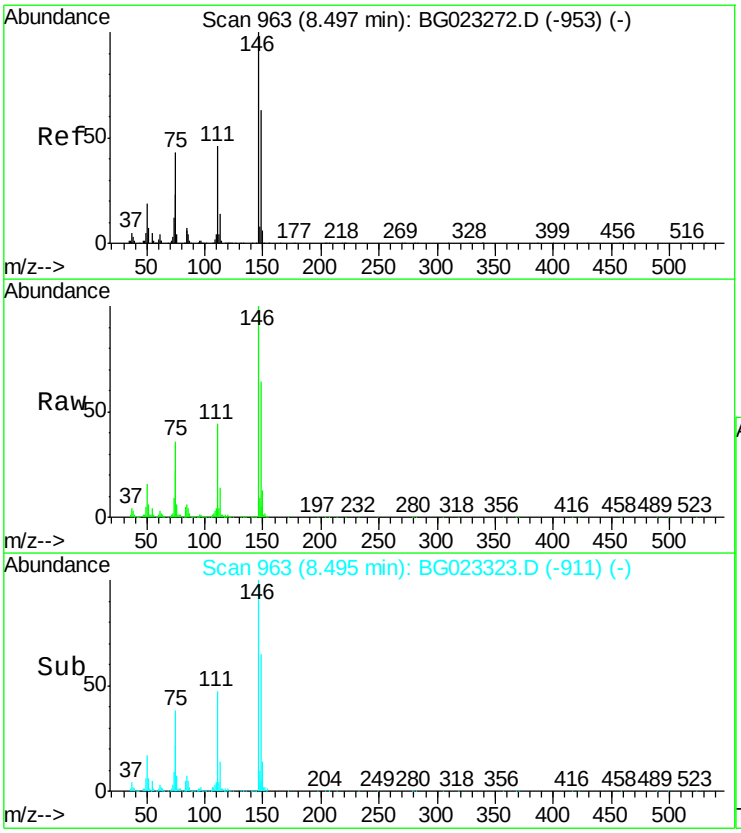

#13
1,4-Dichlorobenzene
Concen: 37.28 ng
RT: 8.17 min Scan# 908
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:146 Resp: 450835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.1 | 54.5 | 81.7 |
| 111 | 43.4 | 37.8 | 56.8 |

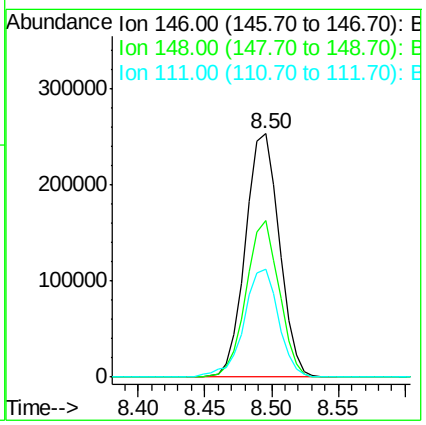


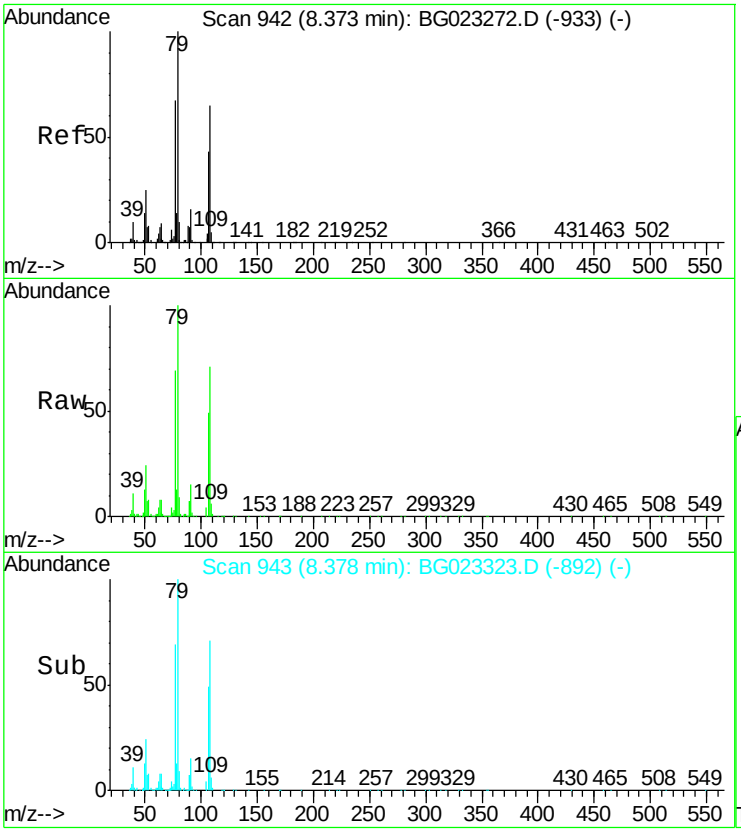




#14
1,2-Dichlorobenzene
Concen: 37.91 ng
RT: 8.50 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:146 Resp: 442209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 52.9 | 79.3 |
| 111 | 44.4 | 43.5 | 65.3 |



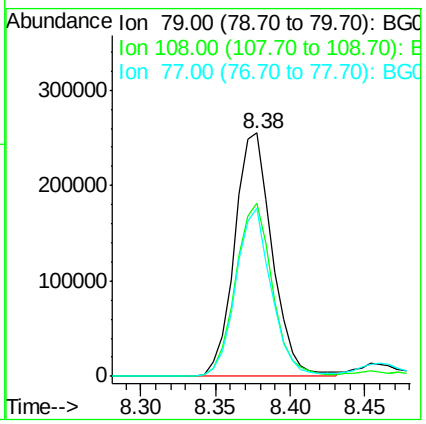


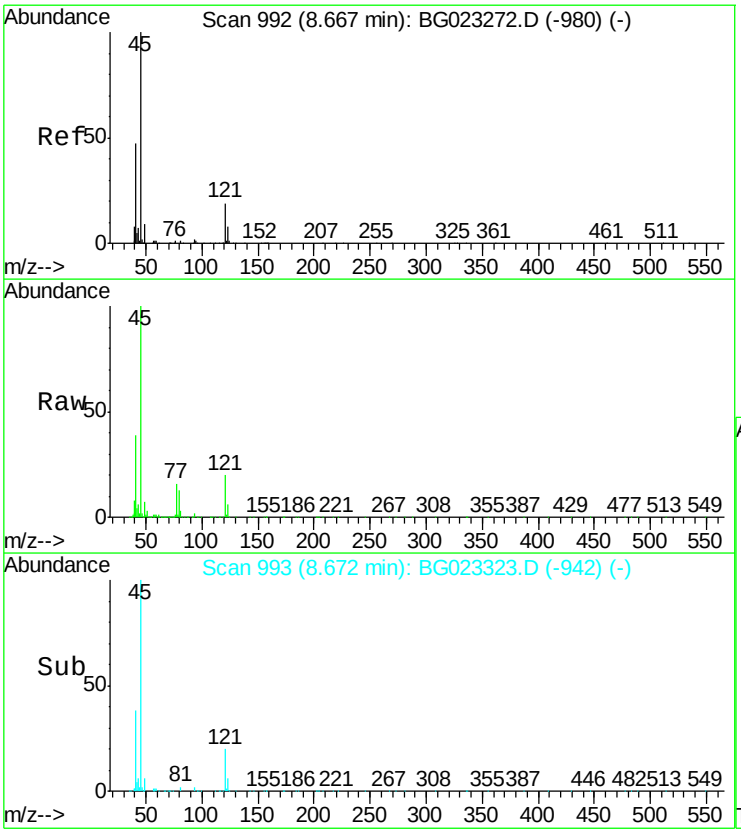

#15
Benzyl Alcohol
Concen: 45.74 ng
RT: 8.38 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion: 79 Resp: 445492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 71.4 | 46.5 | 69.7# |
| 77 | 69.3 | 52.3 | 78.5 |

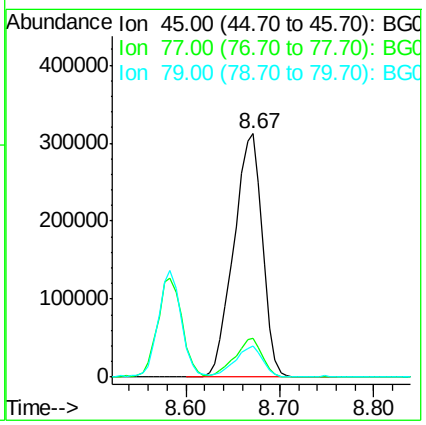


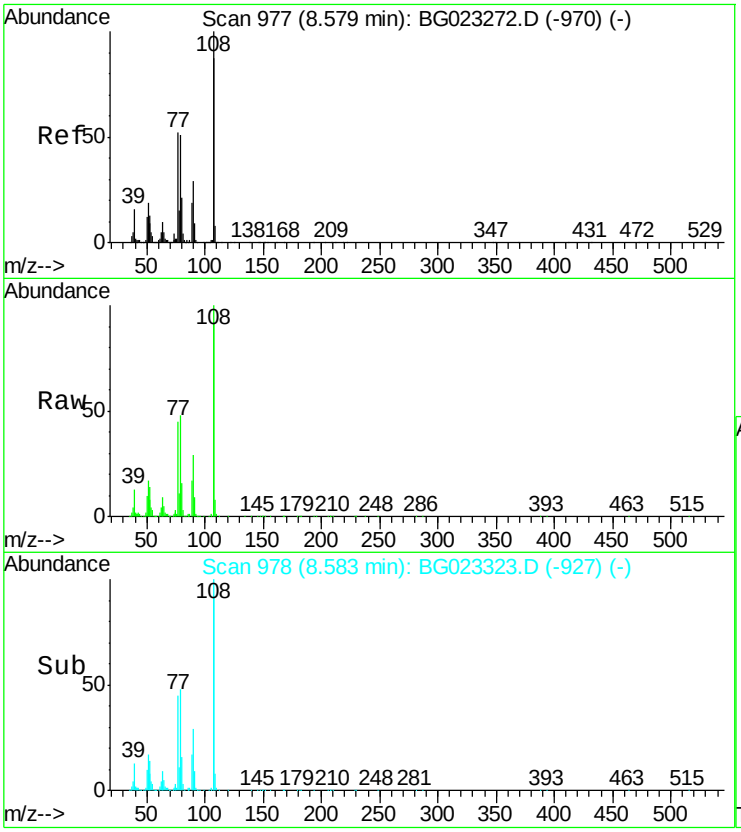




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.84 ng
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion: 45 Resp: 657662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.8 | 0.6 | 40.6 |
| 79 | 13.0 | 0.0 | 36.2 |



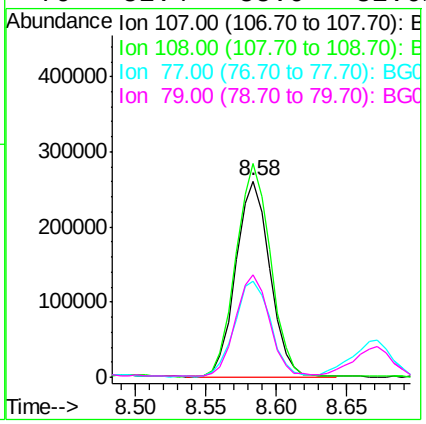


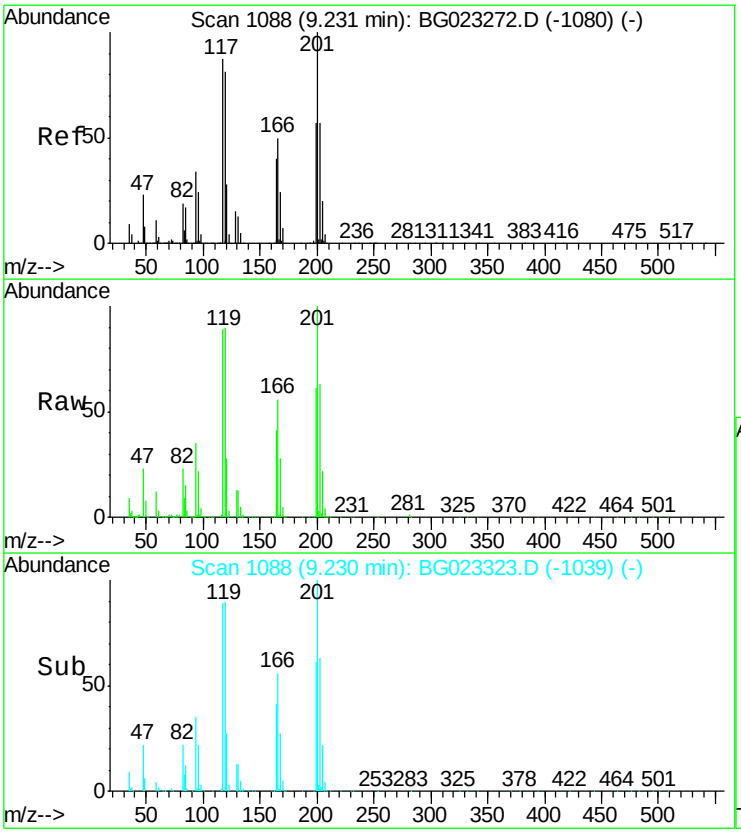

#17
2-Methylphenol
Concen: 42.39 ng
RT: 8.58 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:107 Resp: 442416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 109.0 | 92.0 | 138.0 |
| 77 | 48.9 | 55.8 | 83.6# |
| 79 | 52.4 | 55.0 | 82.6# |

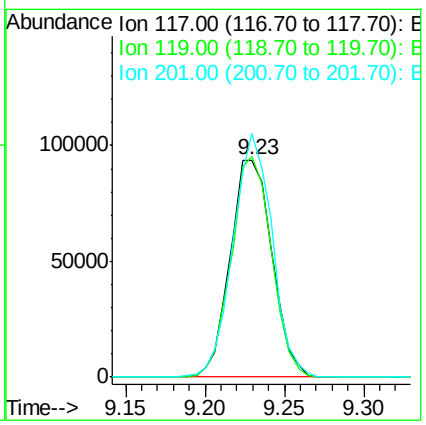


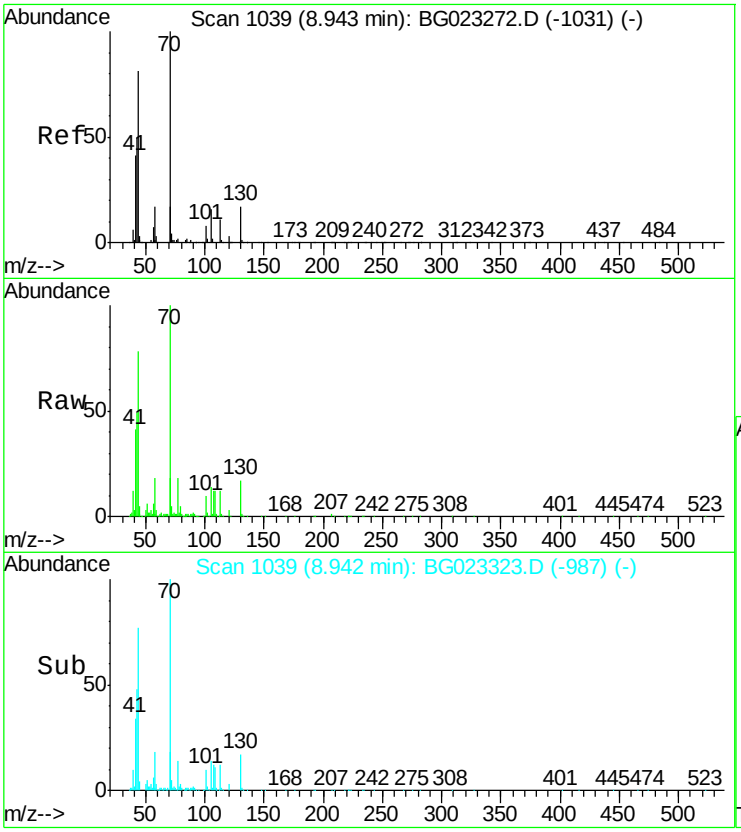




#18
Hexachloroethane
Concen: 34.19 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:117 Resp: 172217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 101.6 | 73.7 | 110.5 |
| 201 | 112.3 | 88.7 | 133.1 |



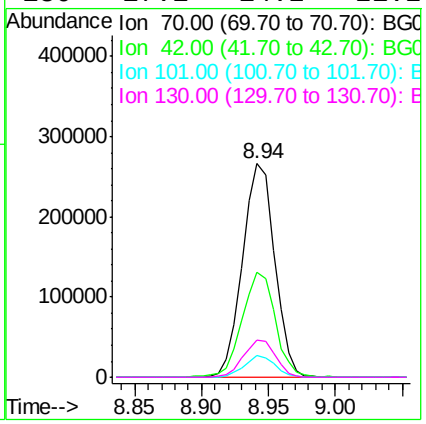


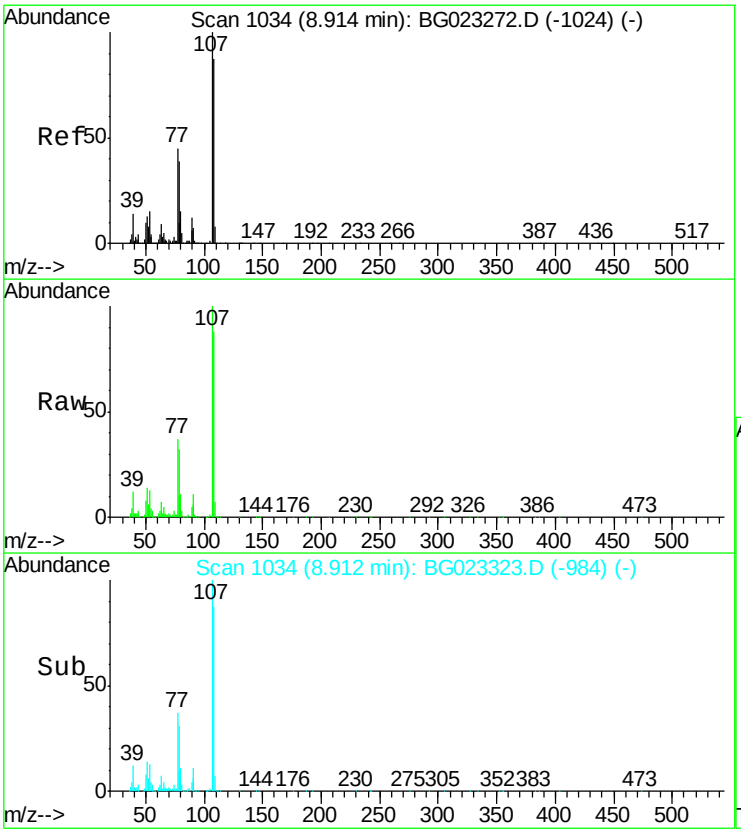

#19
n-Nitroso-di-n-propylamine
Concen: 34.02 ng
RT: 8.94 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion: 70 Resp: 442793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 49.2 | 42.1 | 63.1 |
| 101 | 10.1 | 7.2 | 10.8 |
| 130 | 17.1 | 14.2 | 21.2 |

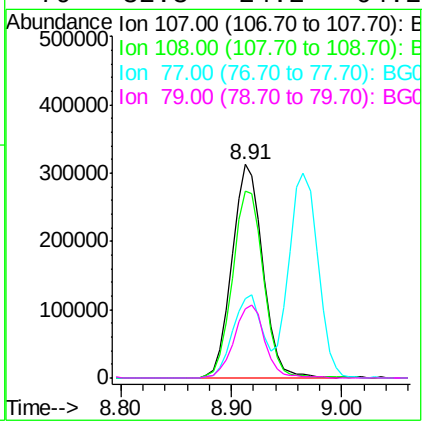


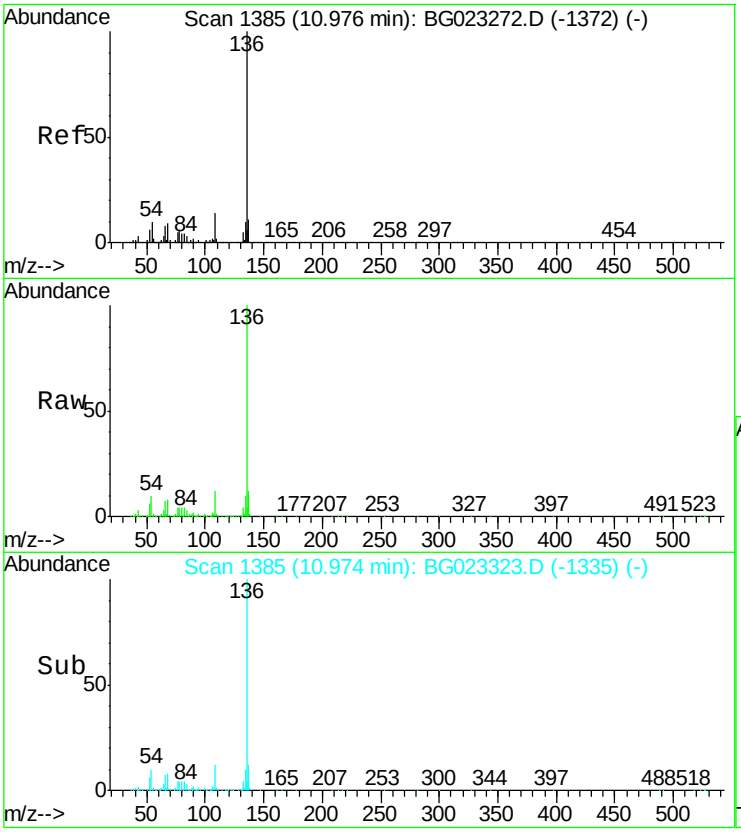




#20
3+4-Methylphenols
Concen: 43.01 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:107 Resp: 610373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.6 | 72.5 | 112.5 |
| 77 | 37.0 | 30.1 | 70.1 |
| 79 | 32.3 | 24.2 | 64.2 |



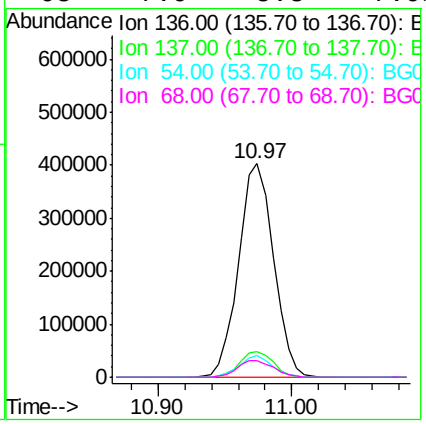


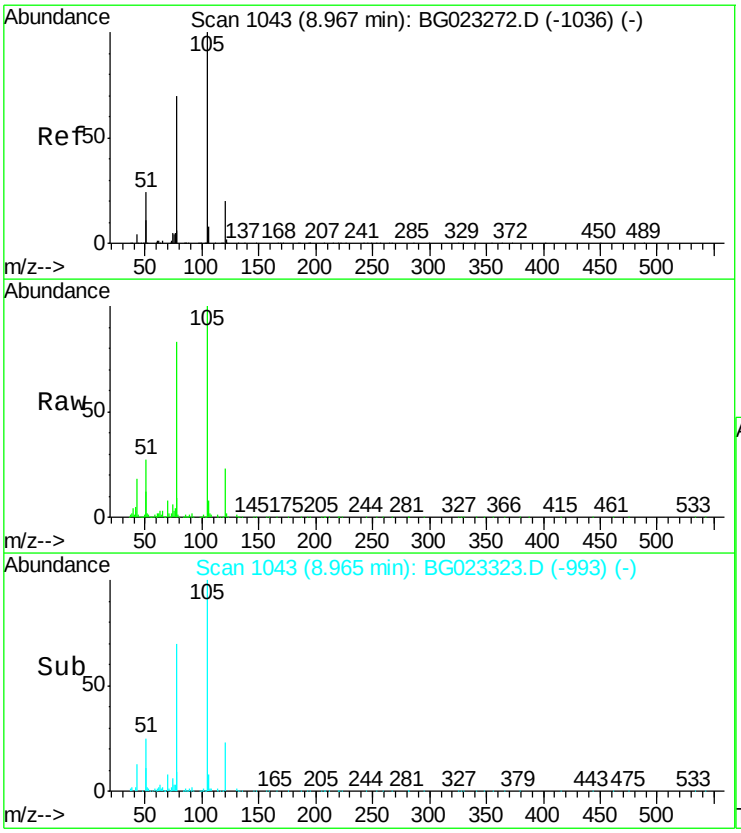

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:136 Resp: 728663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.3 | 9.6 | 14.4 |
| 54 | 10.5 | 7.3 | 10.9 |
| 68 | 7.9 | 5.3 | 7.9# |

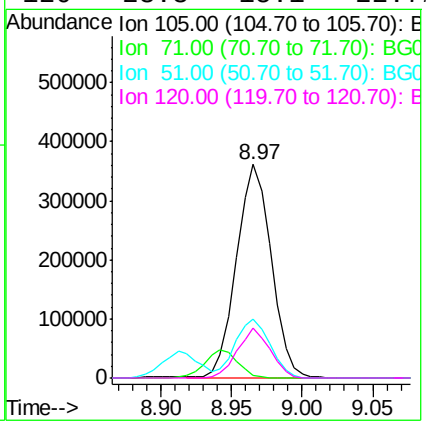


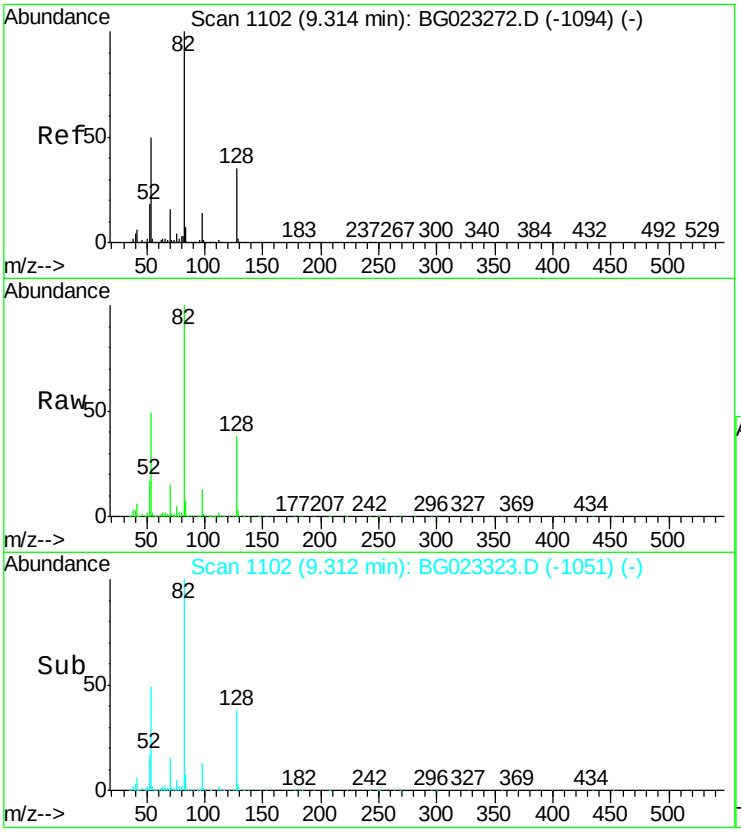




#22
Acetophenone
Concen: 32.81 ng
RT: 8.97 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:105 Resp: 624202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.5 | 2.6 | 3.8# |
| 51 | 27.3 | 27.1 | 40.7 |
| 120 | 23.3 | 15.1 | 22.7# |



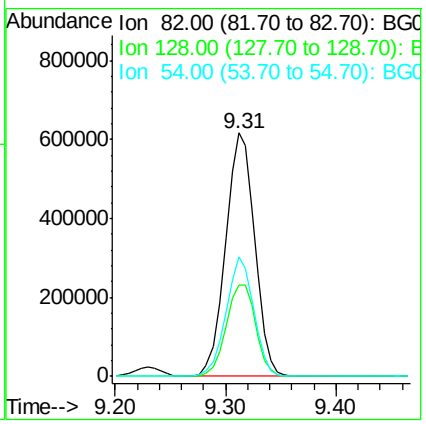


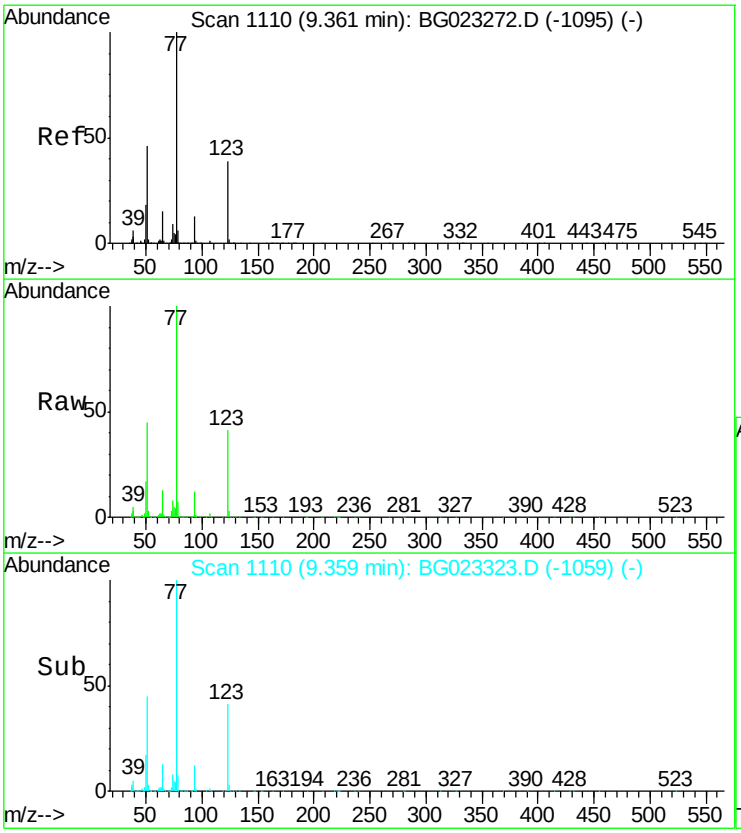

#23
Nitrobenzene-d5
Concen: 76.19 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion: 82 Resp: 1135251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.7 | 24.4 | 36.6# |
| 54 | 48.8 | 41.4 | 62.0 |

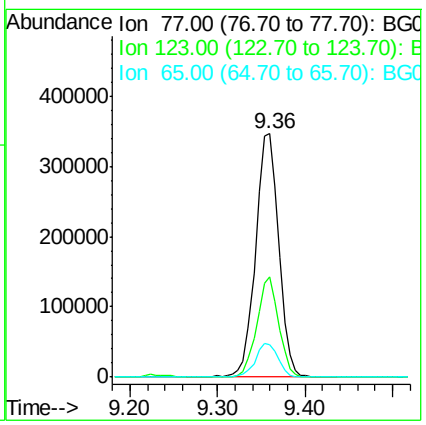


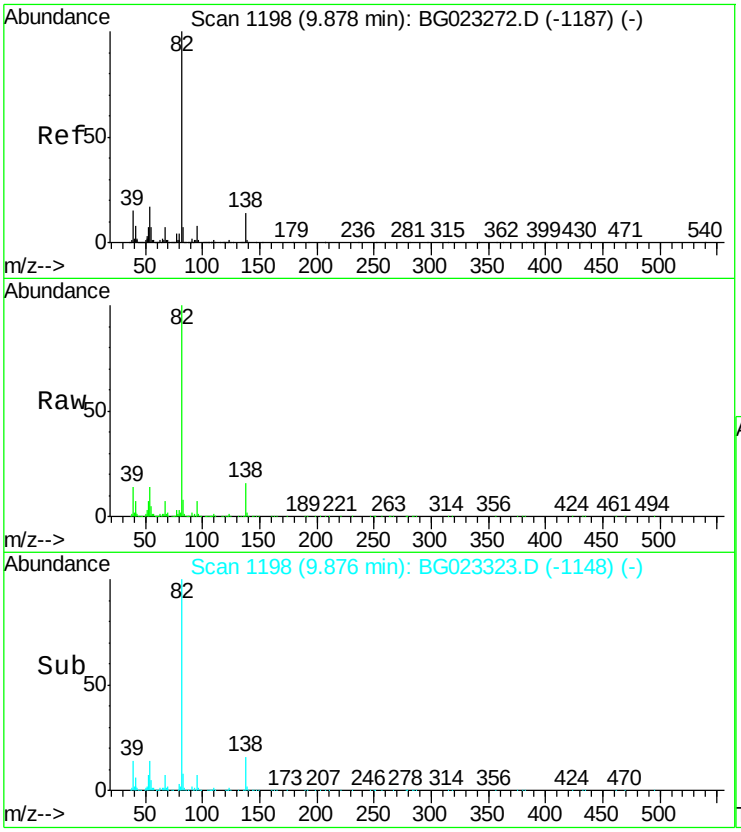




#24
Nitrobenzene
Concen: 36.20 ng
RT: 9.36 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion: 77 Resp: 626343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 40.9 | 25.0 | 37.6# |
| 65 | 13.2 | 13.4 | 20.0# |



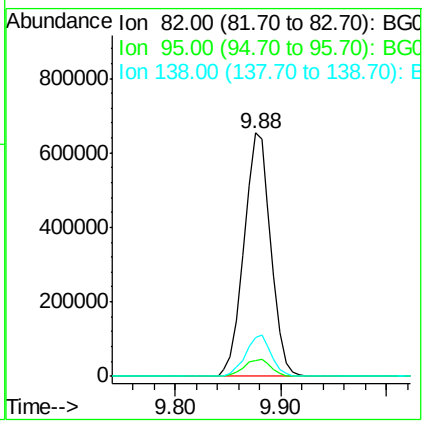


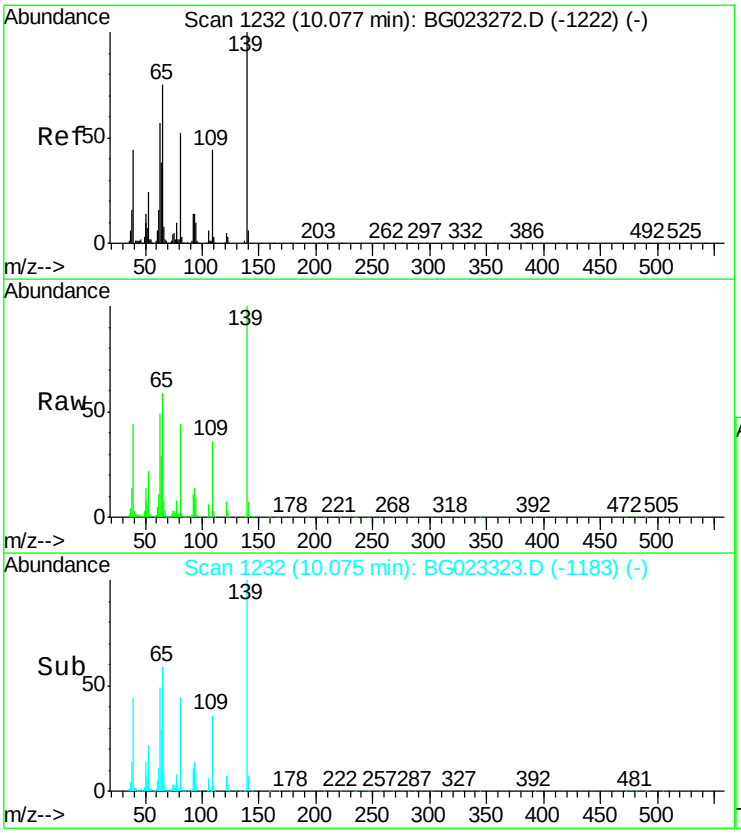

#25
Isophorone
Concen: 37.38 ng
RT: 9.88 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion: 82 Resp: 1150347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.7 | 8.2 | 12.2# |
| 138 | 15.9 | 10.7 | 16.1 |

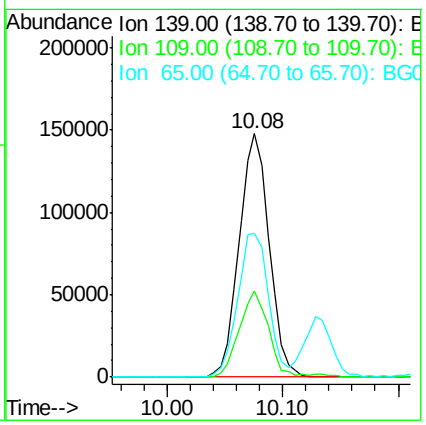


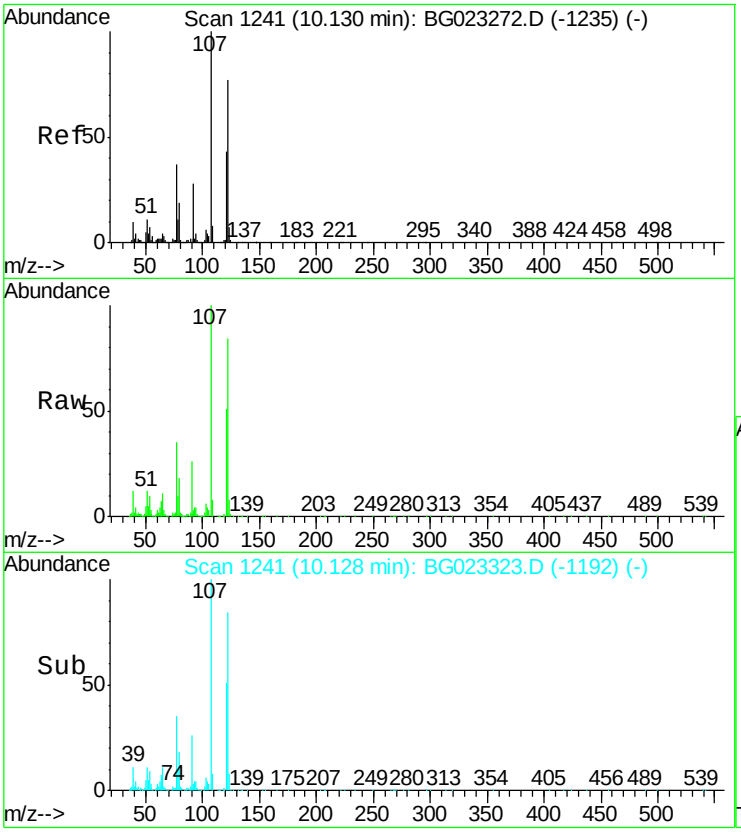




#26
2-Nitrophenol
Concen: 40.67 ng
RT: 10.08 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:139 Resp: 265773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 35.6 | 43.5 | 65.3# |
| 65 | 58.9 | 64.3 | 96.5# |



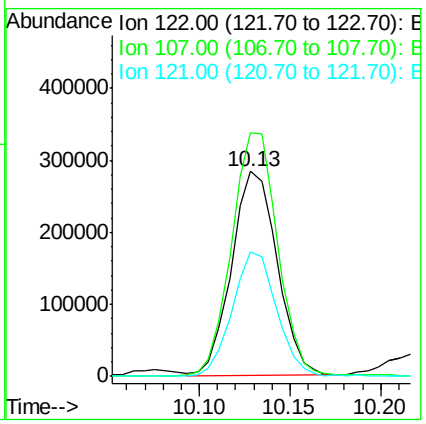


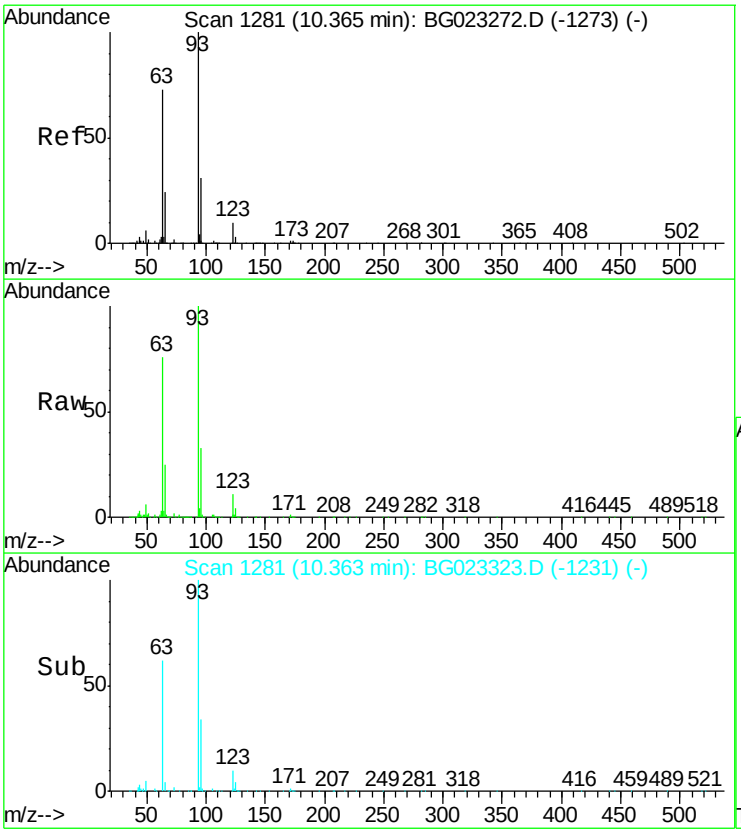

#27
2,4-Dimethylphenol
Concen: 44.83 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:122 Resp: 493861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 118.9 | 117.0 | 175.4 |
| 121 | 60.8 | 50.1 | 75.1 |

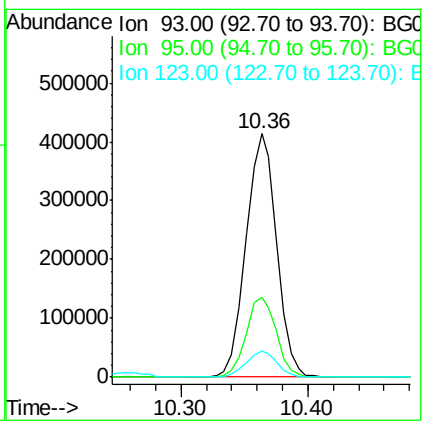


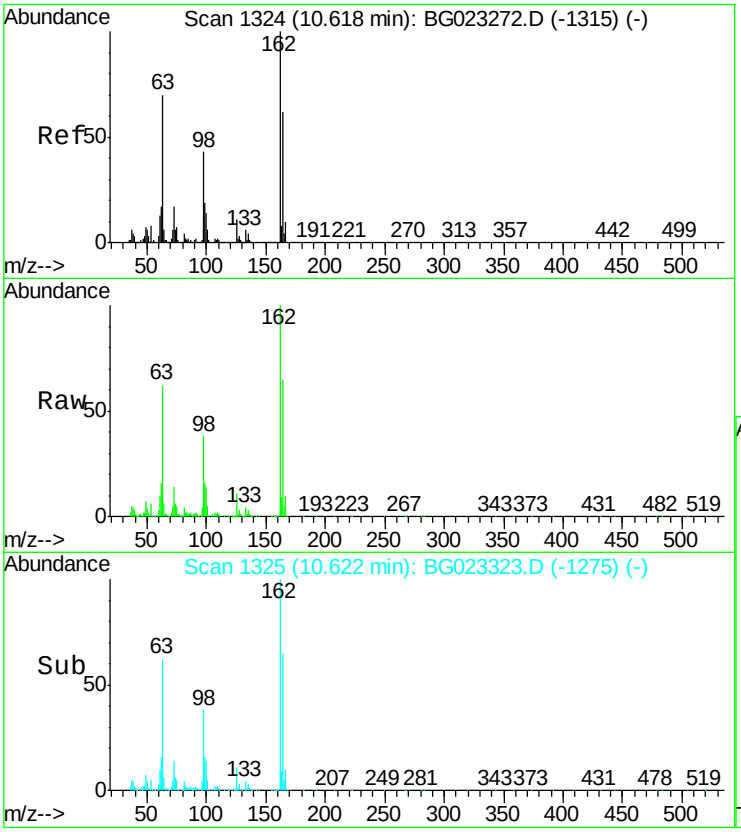




#28
bis(2-Chloroethoxy)methane
Concen: 40.11 ng
RT: 10.36 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion: 93 Resp: 692682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 25.4 | 38.2 |
| 123 | 10.6 | 8.2 | 12.2 |



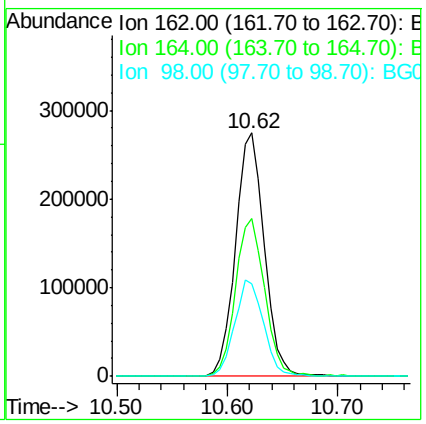


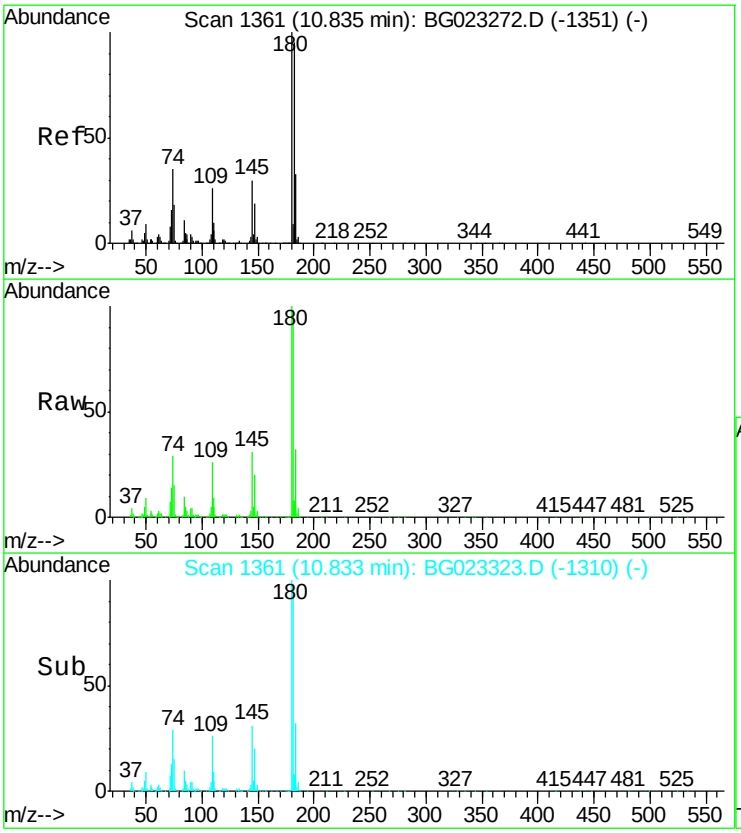

#29
2,4-Dichlorophenol
Concen: 47.22 ng
RT: 10.62 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:162 Resp: 503611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.0 | 44.3 | 84.3 |
| 98 | 37.8 | 19.5 | 59.5 |

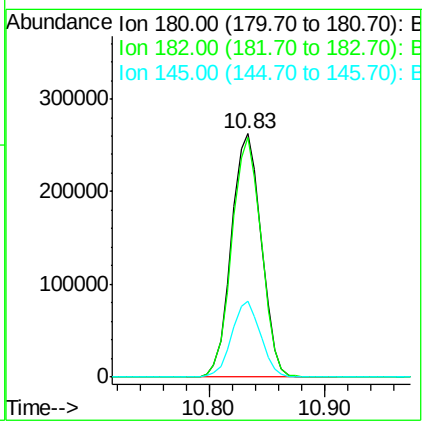


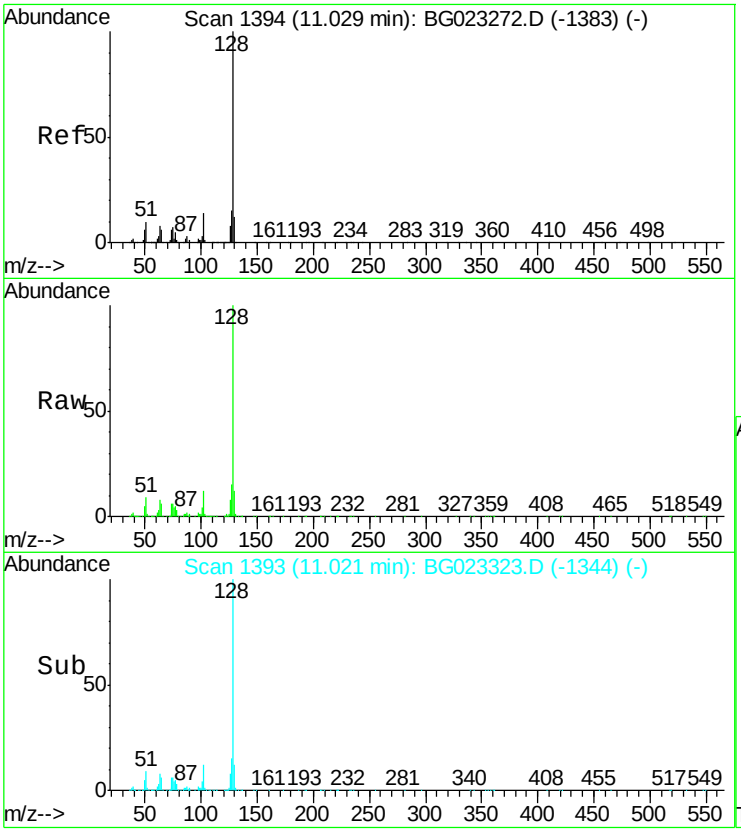




#30
1,2,4-Trichlorobenzene
Concen: 39.87 ng
RT: 10.83 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:180 Resp: 469860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.2 | 73.8 | 110.8 |
| 145 | 31.2 | 24.4 | 36.6 |



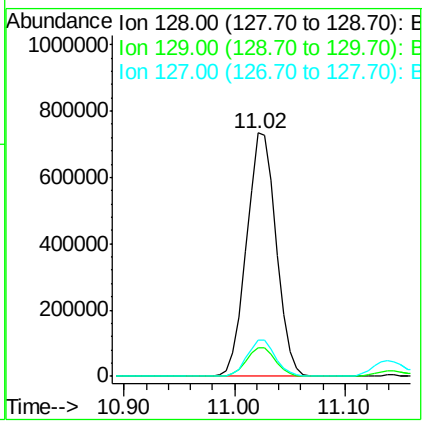


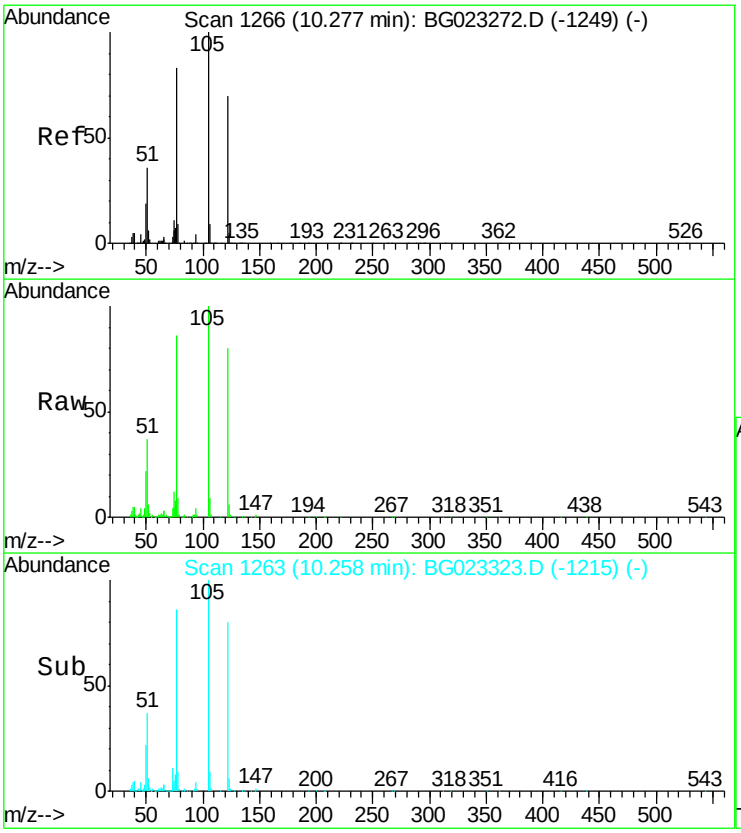

#31
Naphthalene
Concen: 40.80 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:128 Resp: 1381277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.4 | 14.0 |
| 127 | 14.9 | 11.3 | 16.9 |

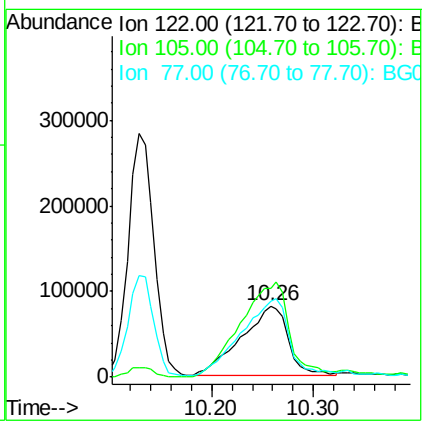


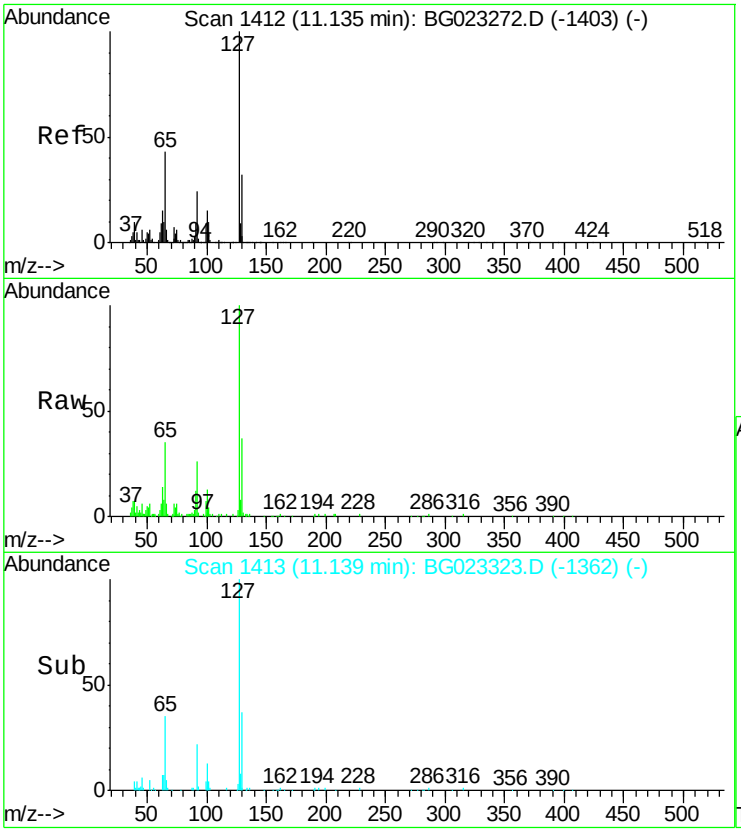




#32
Benzoic acid
Concen: 32.02 ng
RT: 10.26 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:122 Resp: 258095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.5 | 117.2 | 157.2 |
| 77 | 107.6 | 109.2 | 149.2# |



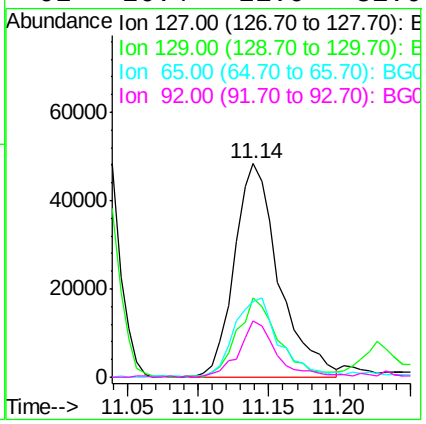


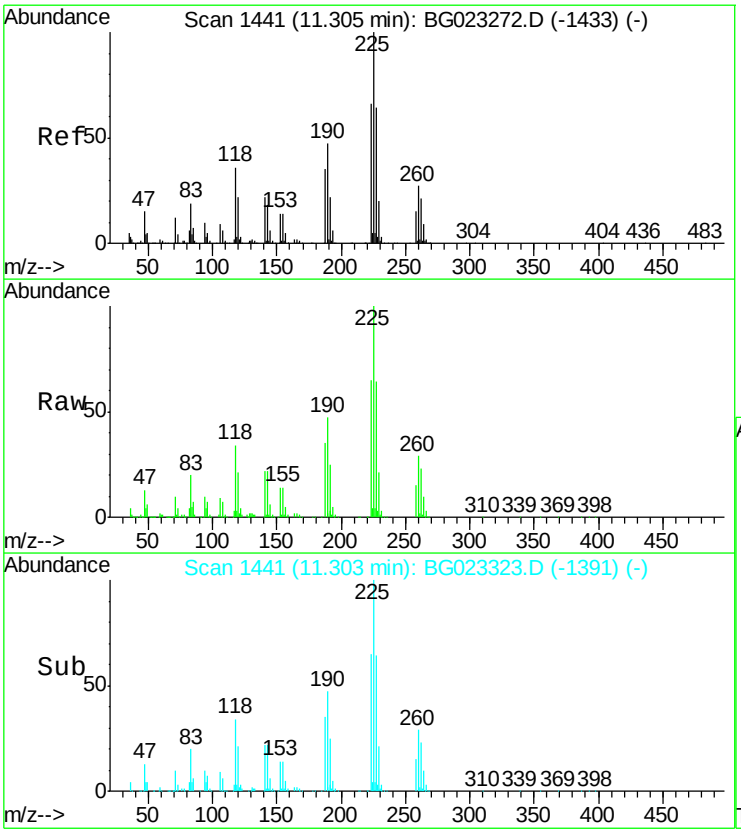

#33
4-Chloroaniline
Concen: 6.82 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:127 Resp: 106649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 37.3 | 27.9 | 41.9 |
| 65 | 35.2 | 36.8 | 55.2# |
| 92 | 26.4 | 21.0 | 31.6 |

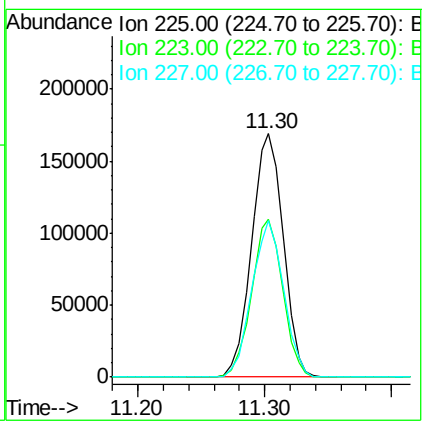


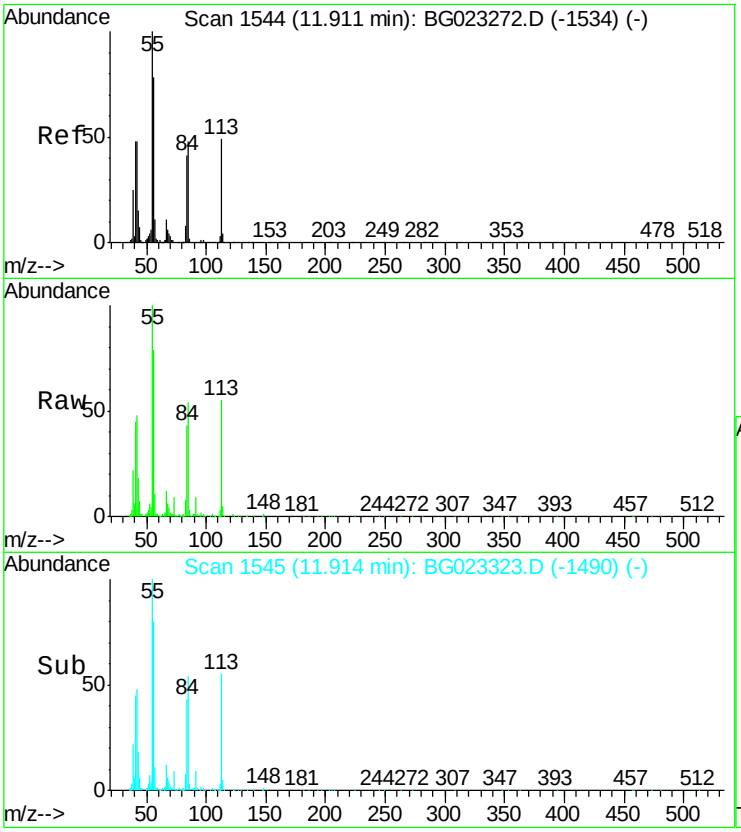




#34
Hexachlorobutadiene
Concen: 38.07 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:225 Resp: 294042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.9 | 49.6 | 74.4 |
| 227 | 64.1 | 54.5 | 81.7 |



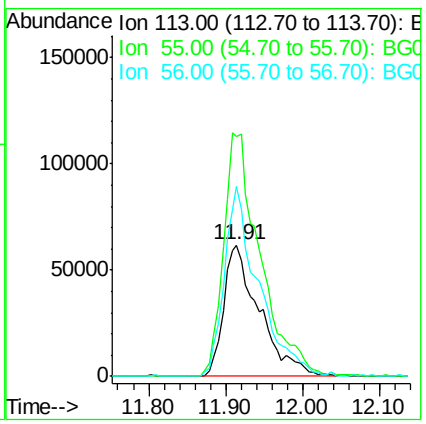


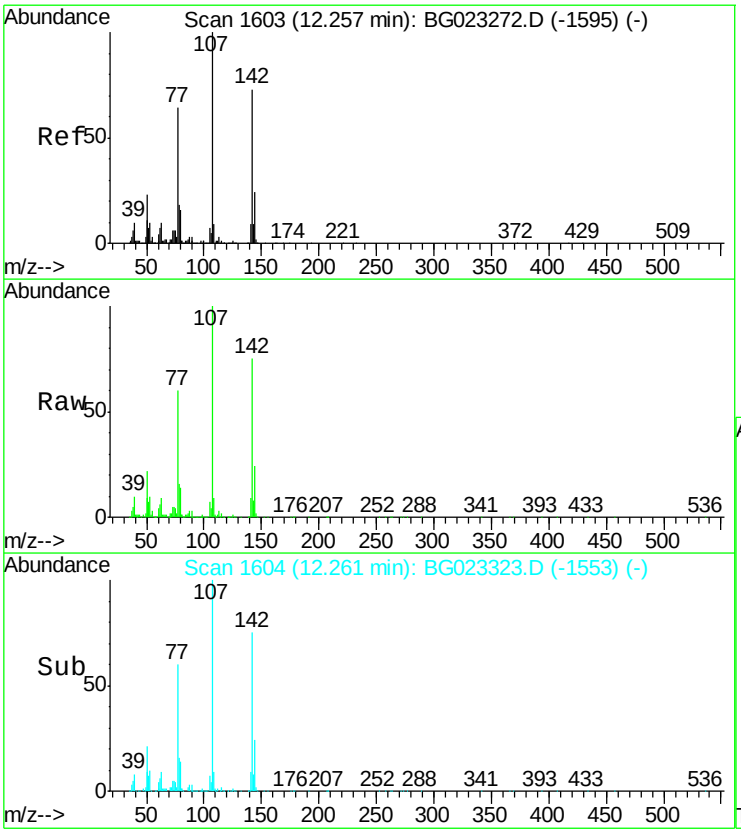

#35
Caprolactam
Concen: 44.01 ng
RT: 11.91 min Scan# 1545
Delta R.T. 0.03 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:113 Resp: 199600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 181.9 | 154.5 | 194.5 |
| 56 | 144.3 | 125.1 | 165.1 |

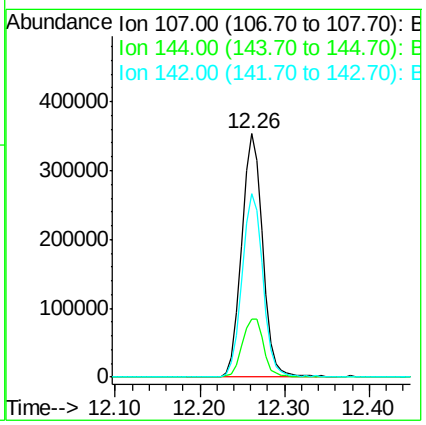


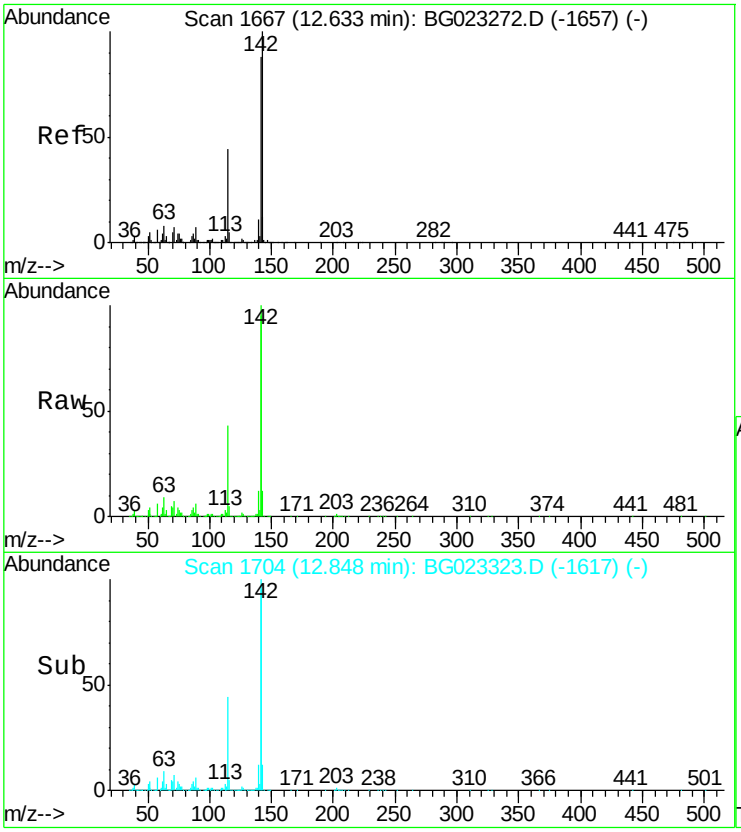




#36
4-Chloro-3-methylphenol
Concen: 43.38 ng
RT: 12.26 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:107 Resp: 607798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.7 | 17.0 | 25.6 |
| 142 | 75.2 | 53.0 | 79.6 |



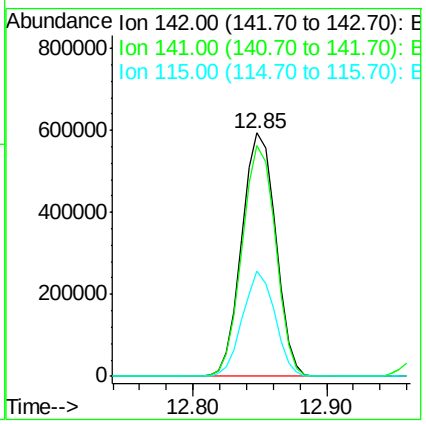


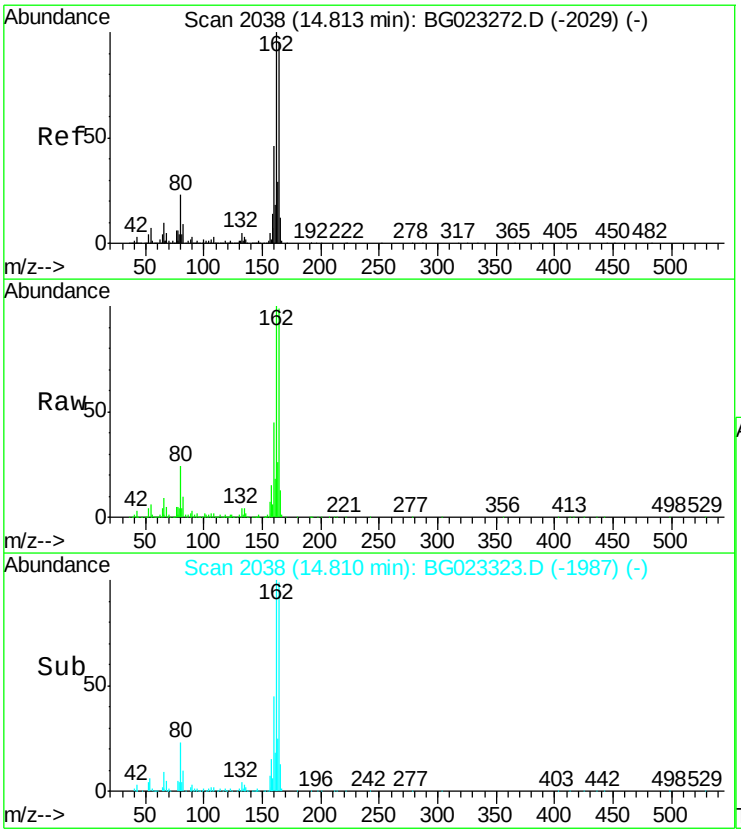

#37
2-Methylnaphthalene
Concen: 41.51 ng
RT: 12.85 min Scan# 1704
Delta R.T. 0.21 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:142 Resp: 1042158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 94.8 | 70.2 | 105.2 |
| 115 | 43.4 | 41.7 | 62.5 |

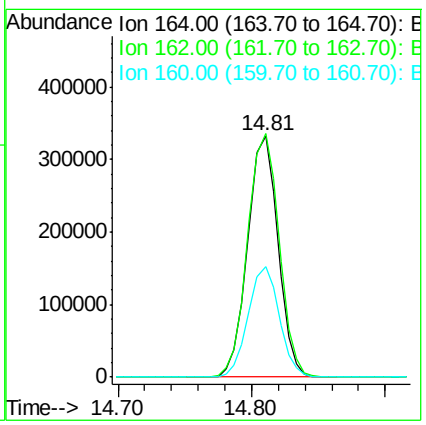


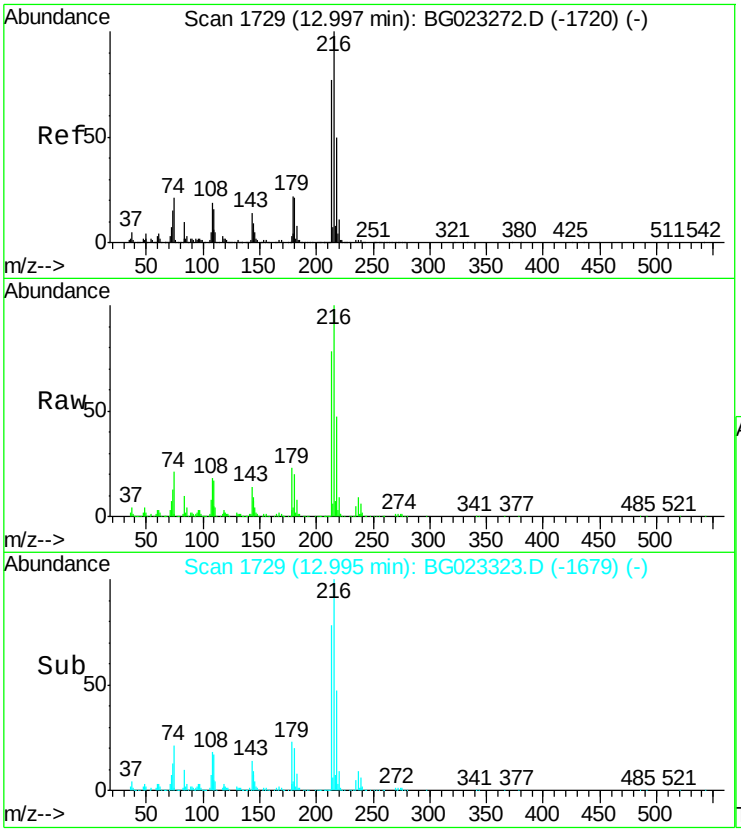




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:164 Resp: 520293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 87.7 | 131.5 |
| 160 | 45.6 | 37.2 | 55.8 |



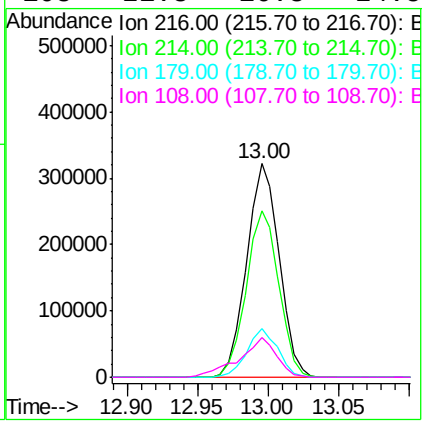


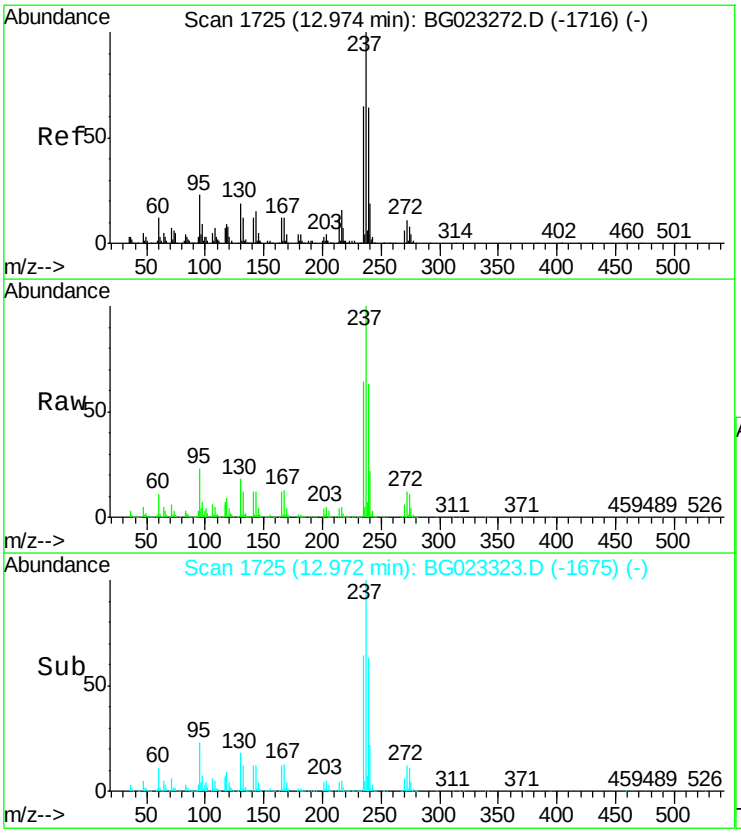

#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.87 ng
RT: 13.00 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:216 Resp: 519956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 62.9 | 94.3 |
| 179 | 21.7 | 17.2 | 25.8 |
| 108 | 21.3 | 16.3 | 24.5 |

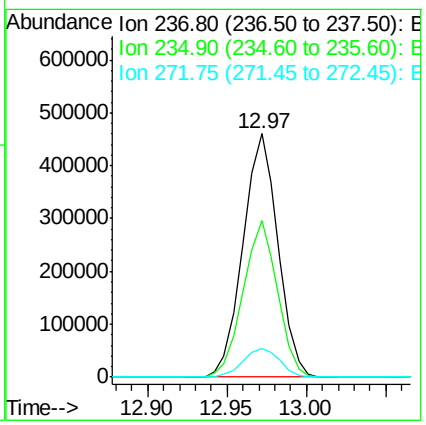


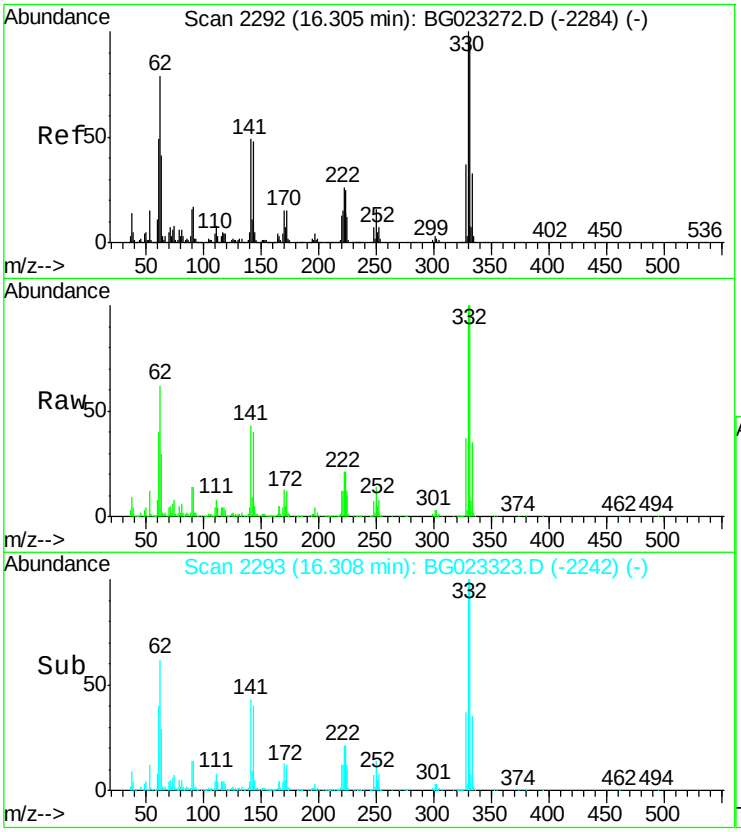




#40
Hexachlorocyclopentadiene
Concen: 88.01 ng
RT: 12.97 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:237 Resp: 702460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.3 | 43.1 | 83.1 |
| 272 | 11.9 | 0.0 | 30.9 |



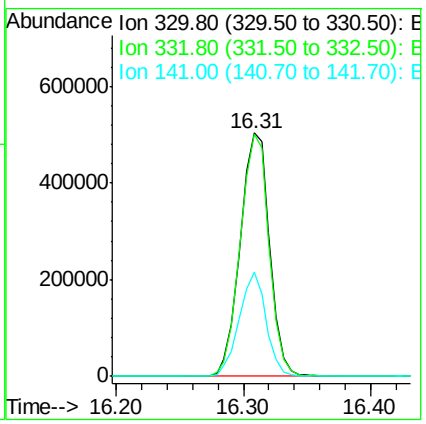


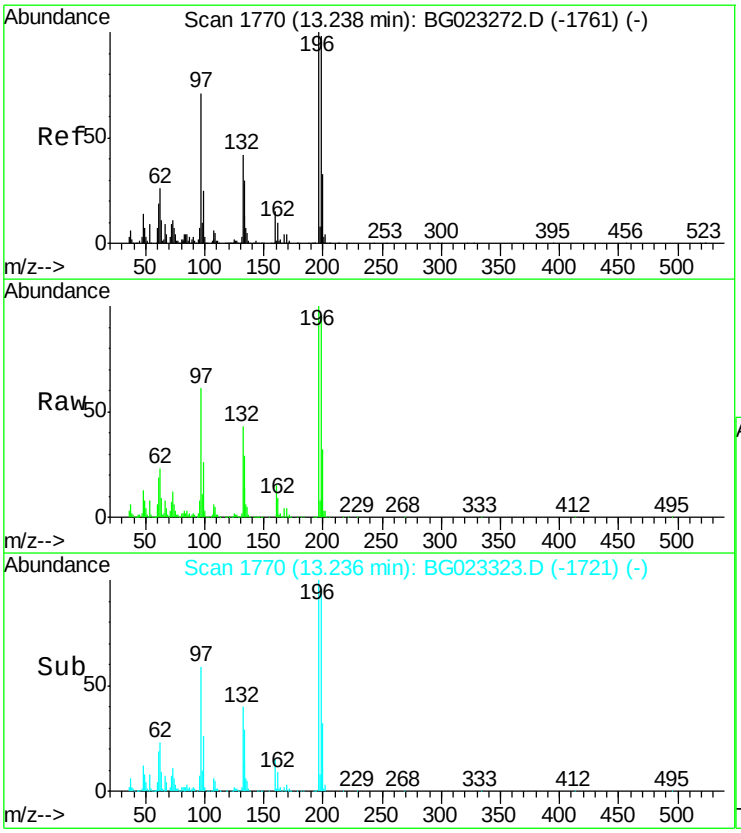

#41
2,4,6-Tribromophenol
Concen: 150.01 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:330 Resp: 807817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 77.4 | 116.2 |
| 141 | 39.3 | 31.7 | 47.5 |

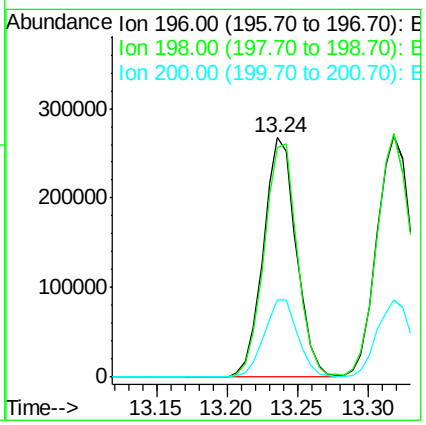


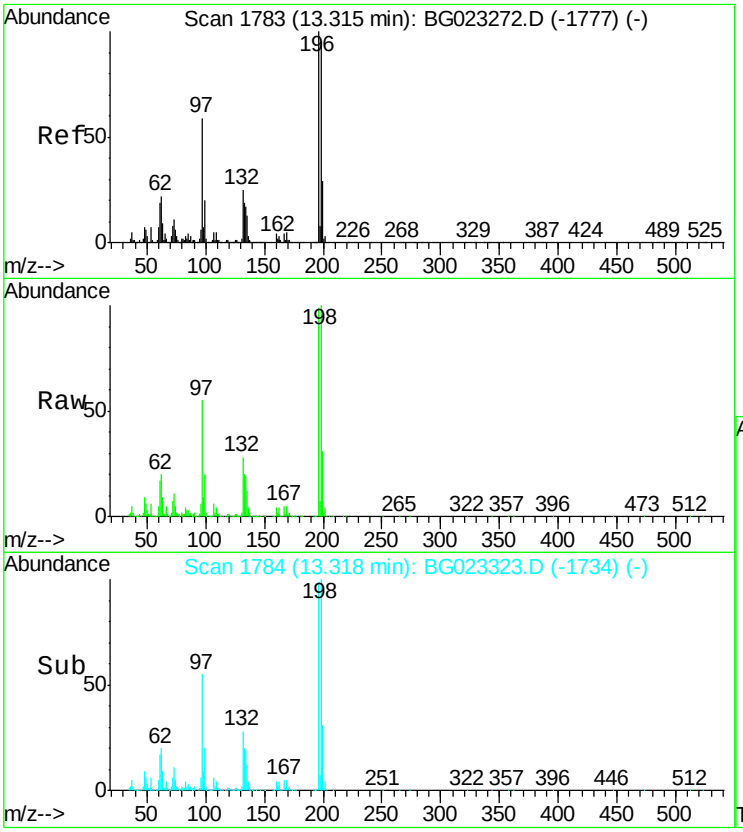




#42
2,4,6-Trichlorophenol
Concen: 44.27 ng
RT: 13.24 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:196 Resp: 438012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.7 | 78.2 | 117.2 |
| 200 | 32.3 | 27.0 | 40.4 |



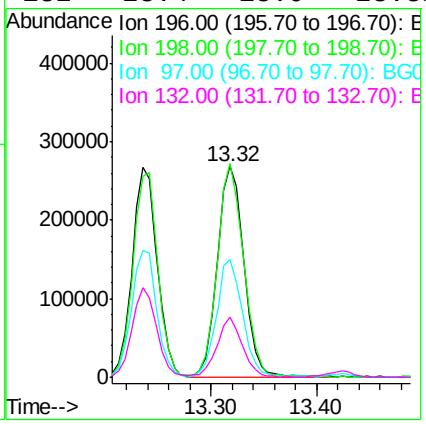


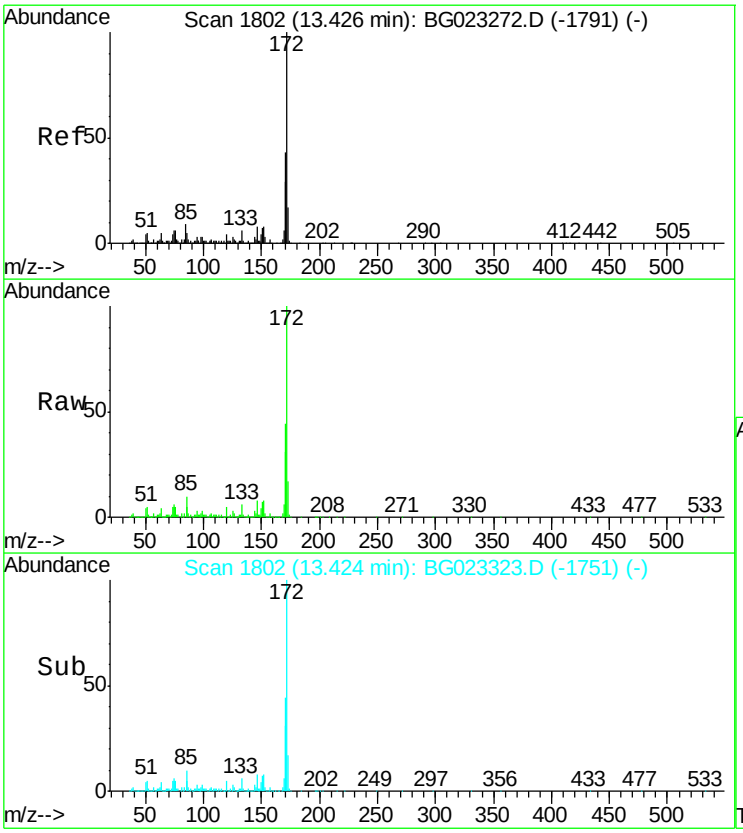

#43
2,4,5-Trichlorophenol
Concen: 45.02 ng
RT: 13.32 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:196 Resp: 472466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.2 | 85.7 | 128.5 |
| 97 | 56.1 | 45.5 | 68.3 |
| 132 | 28.4 | 18.9 | 28.3# |

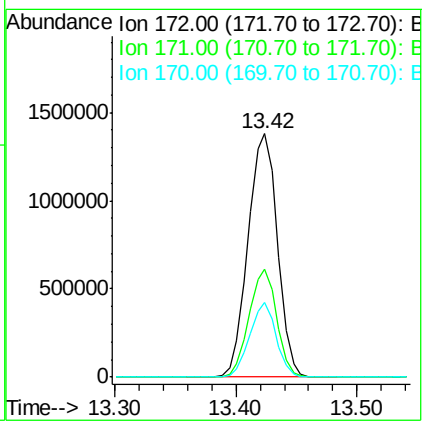


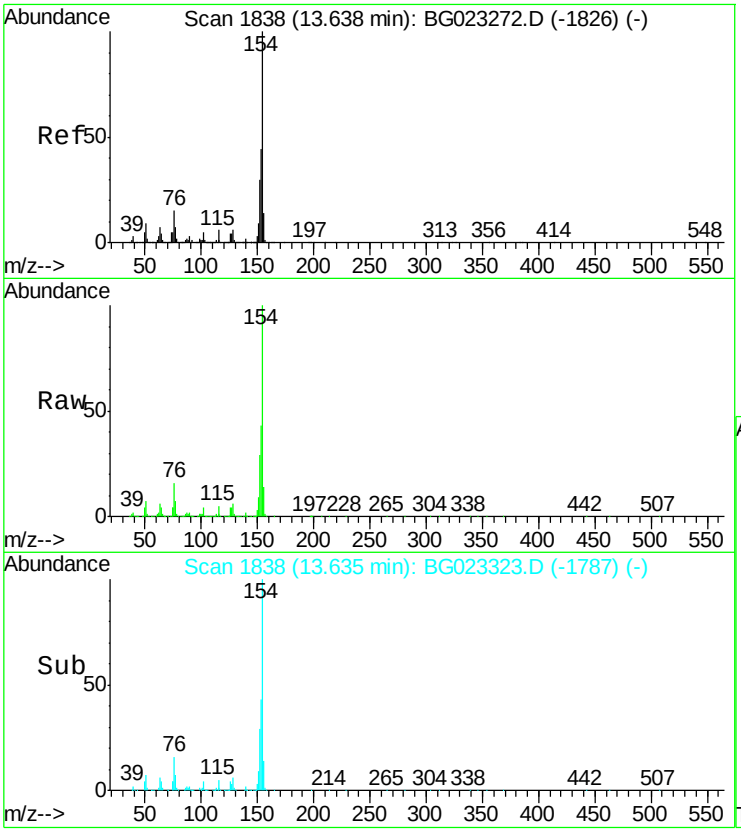




#44
2-Fluorobiphenyl
Concen: 84.07 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:172 Resp: 2337128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 44.1 | 31.6 | 47.4 |
| 170 | 30.7 | 21.3 | 31.9 |



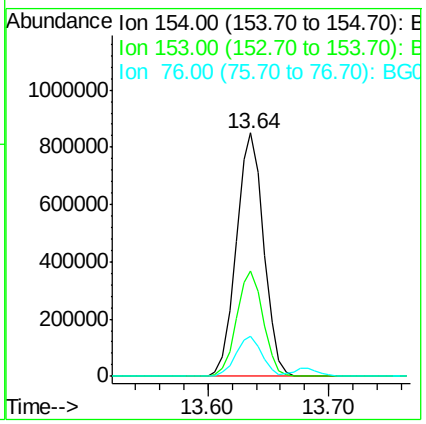


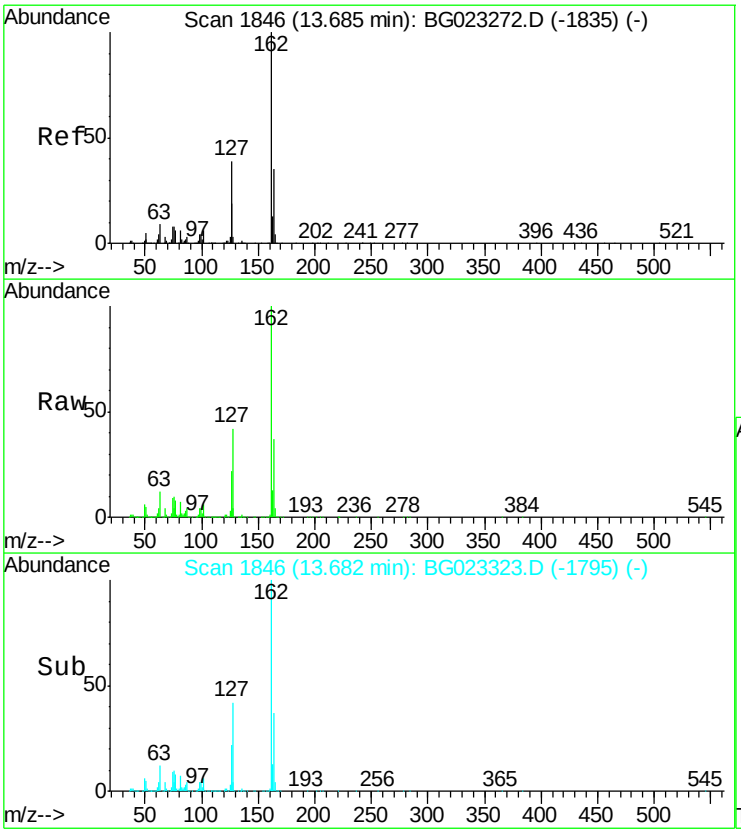

#45
1,1'-Biphenyl
Concen: 36.85 ng
RT: 13.64 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:154 Resp: 1337015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 43.5 | 20.2 | 60.2 |
| 76 | 16.5 | 0.0 | 32.9 |

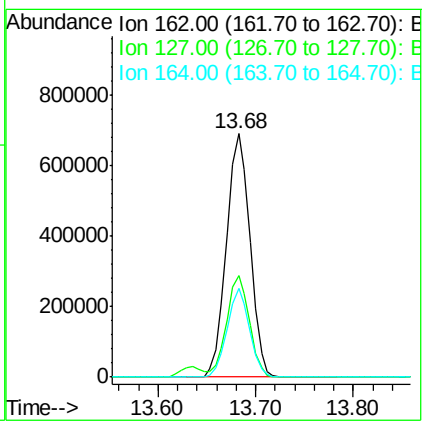


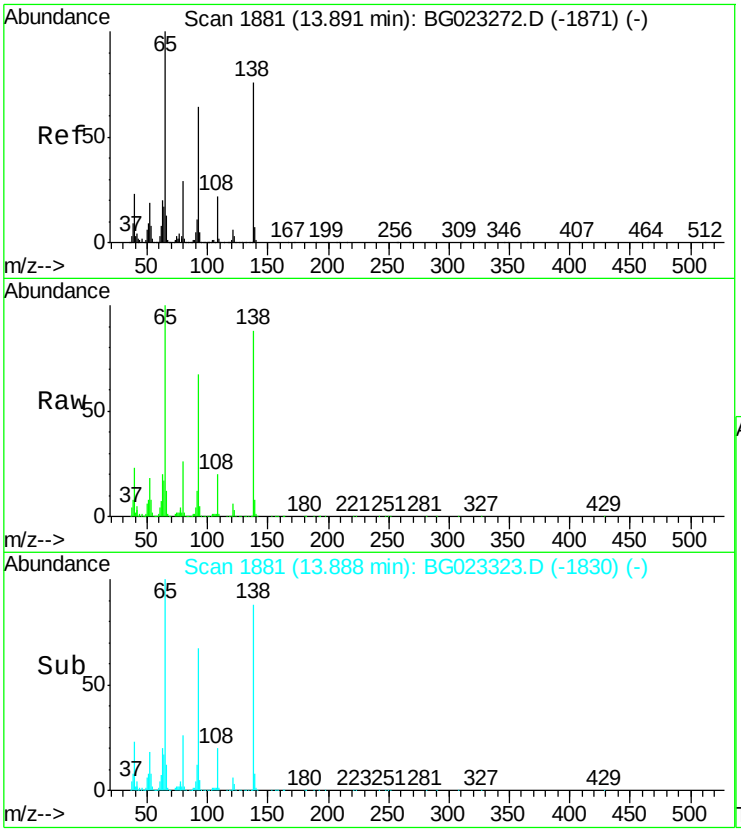




#46
2-Chloronaphthalene
Concen: 39.63 ng
RT: 13.68 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:162 Resp: 1152363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.0 | 32.4 | 48.6 |
| 164 | 36.6 | 25.2 | 37.8 |



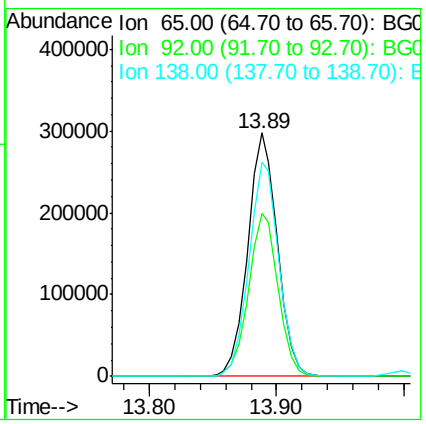


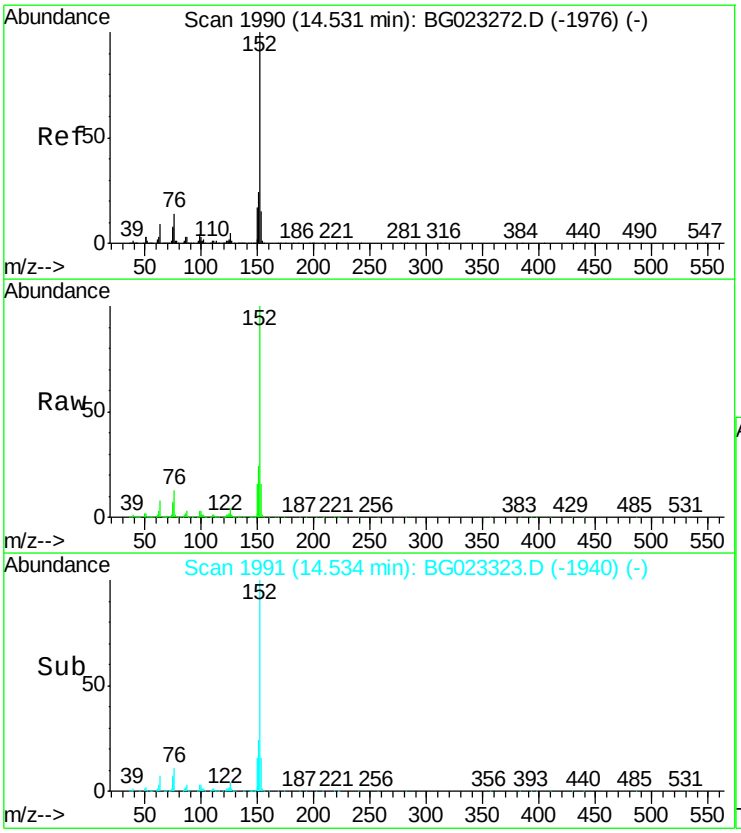

#47
2-Nitroaniline
Concen: 39.30 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion: 65 Resp: 483353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.8 | 49.4 | 74.0 |
| 138 | 88.2 | 58.0 | 87.0# |

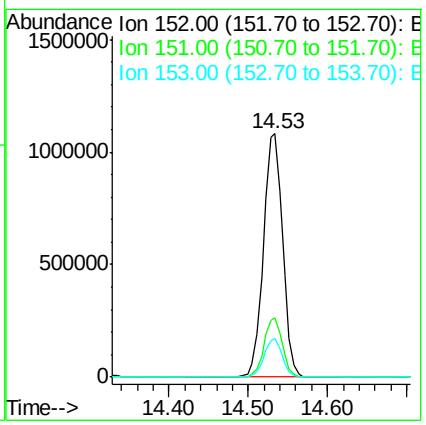


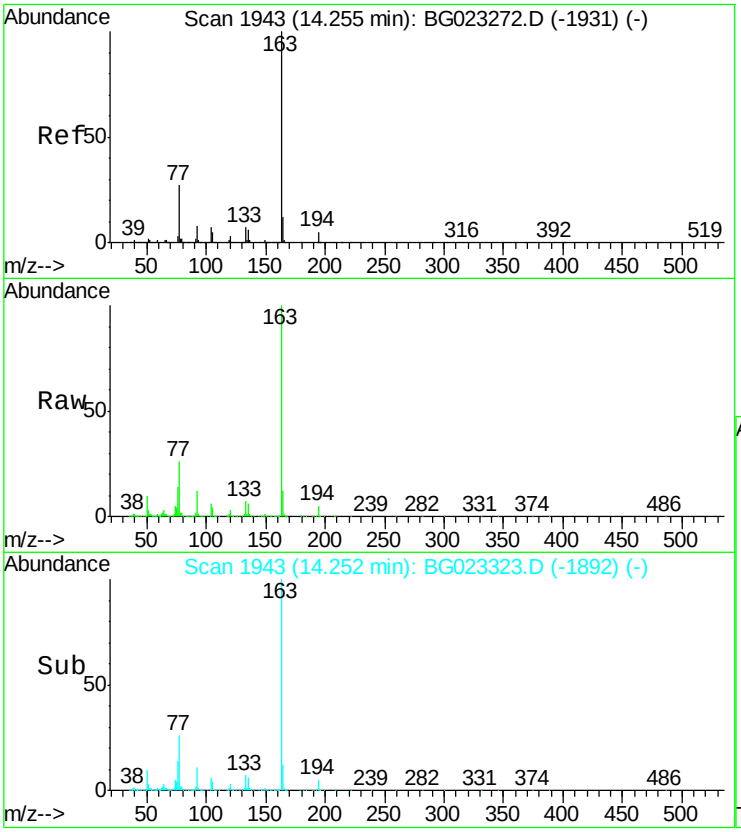




#48
Acenaphthylene
Concen: 41.07 ng
RT: 14.53 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:152 Resp: 1828506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 24.3 | 17.6 | 26.4 |
| 153 | 15.7 | 11.4 | 17.2 |



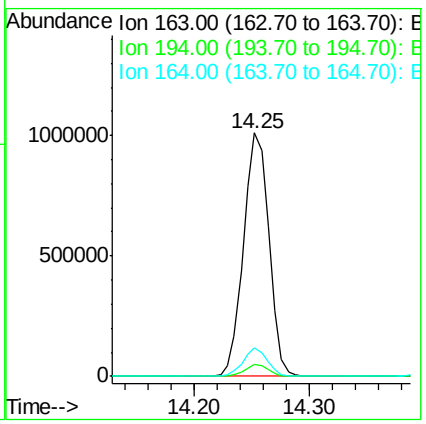


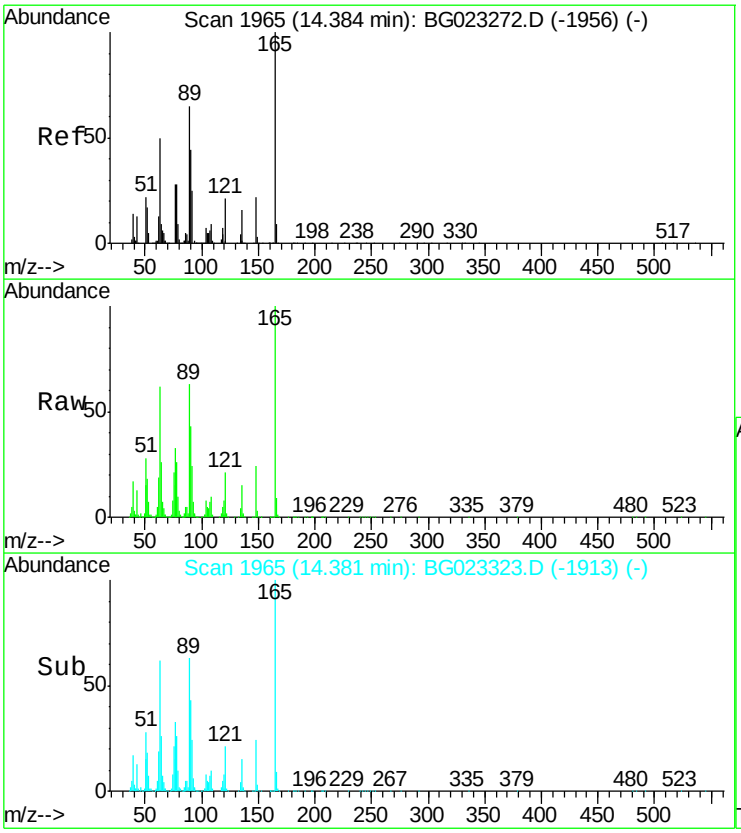

#49
Dimethylphthalate
Concen: 40.37 ng
RT: 14.25 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:163 Resp: 1549893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.7 | 3.6 | 5.4 |
| 164 | 11.5 | 8.1 | 12.1 |

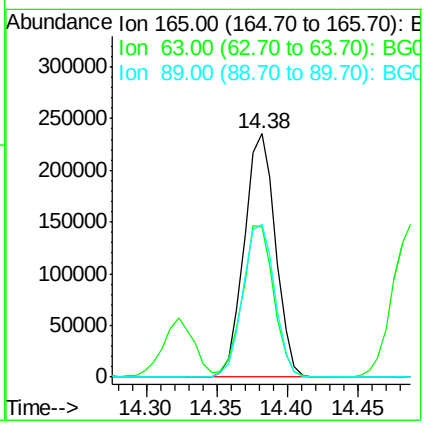


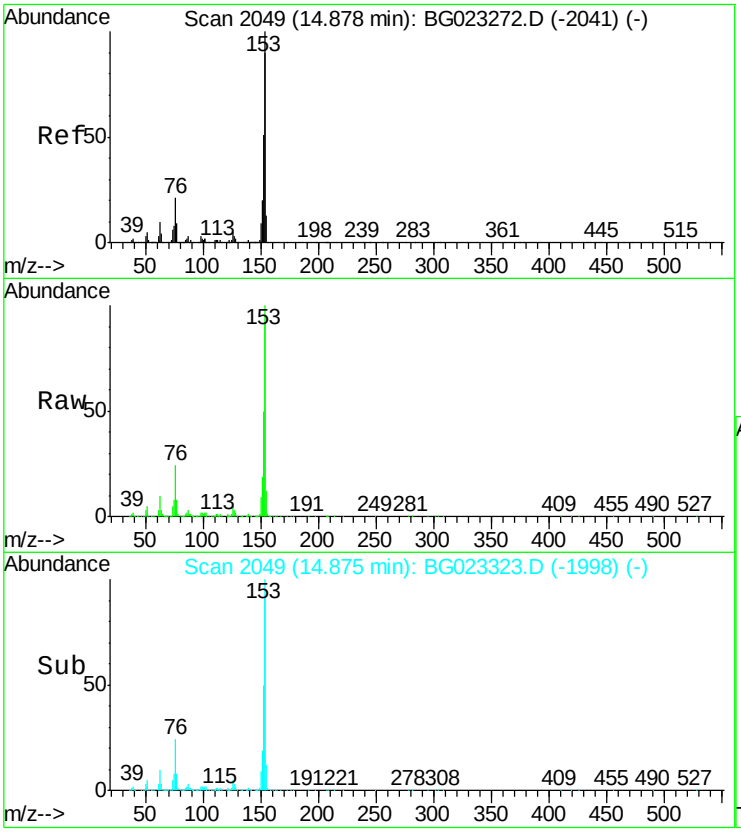




#50
2,6-Dinitrotoluene
Concen: 40.71 ng
RT: 14.38 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:165 Resp: 366018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.8 | 64.3 | 96.5# |
| 89 | 62.7 | 64.3 | 96.5# |



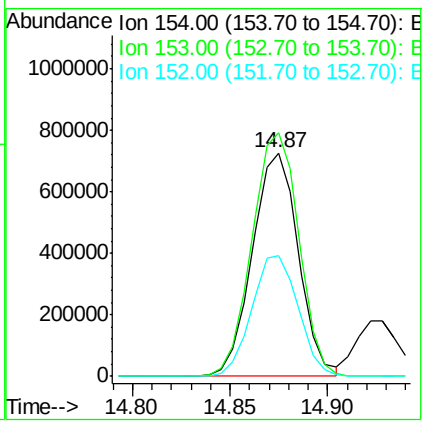


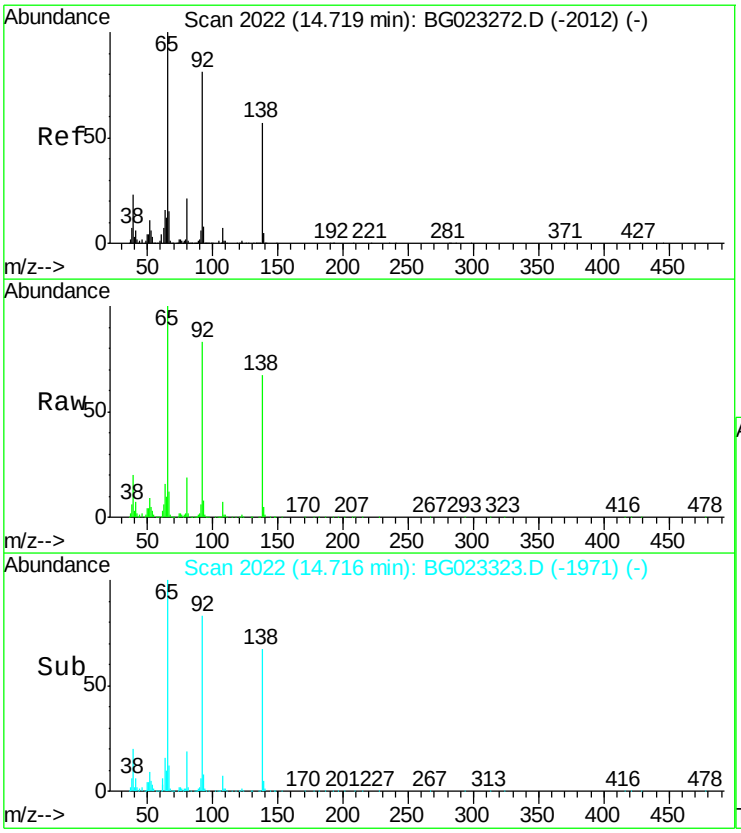

#51
Acenaphthene
Concen: 40.96 ng
RT: 14.87 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:154 Resp: 1182942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 109.0 | 87.5 | 131.3 |
| 152 | 54.3 | 42.7 | 64.1 |

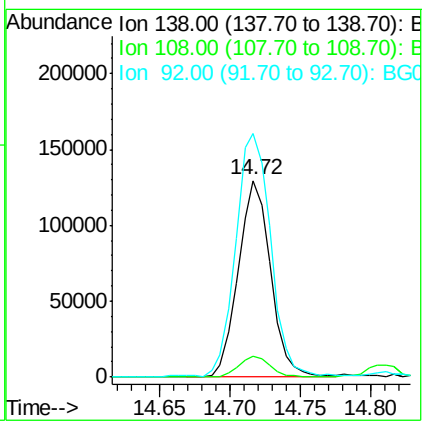


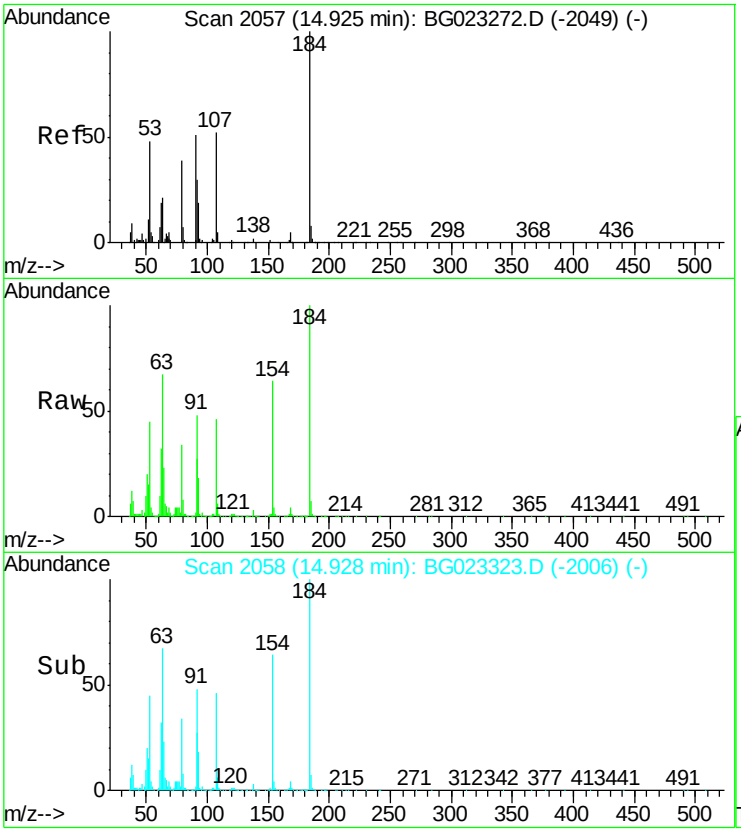




#52
3-Nitroaniline
Concen: 23.06 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:138 Resp: 208850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.8 | 11.7 | 17.5# |
| 92 | 123.7 | 129.7 | 194.5# |



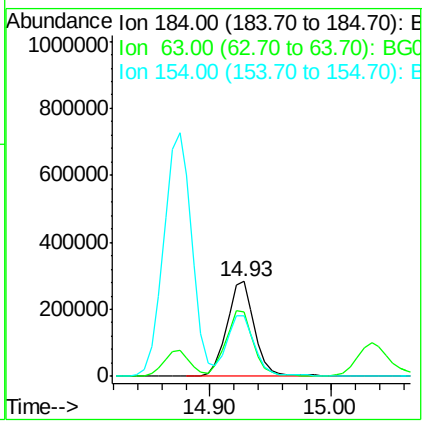


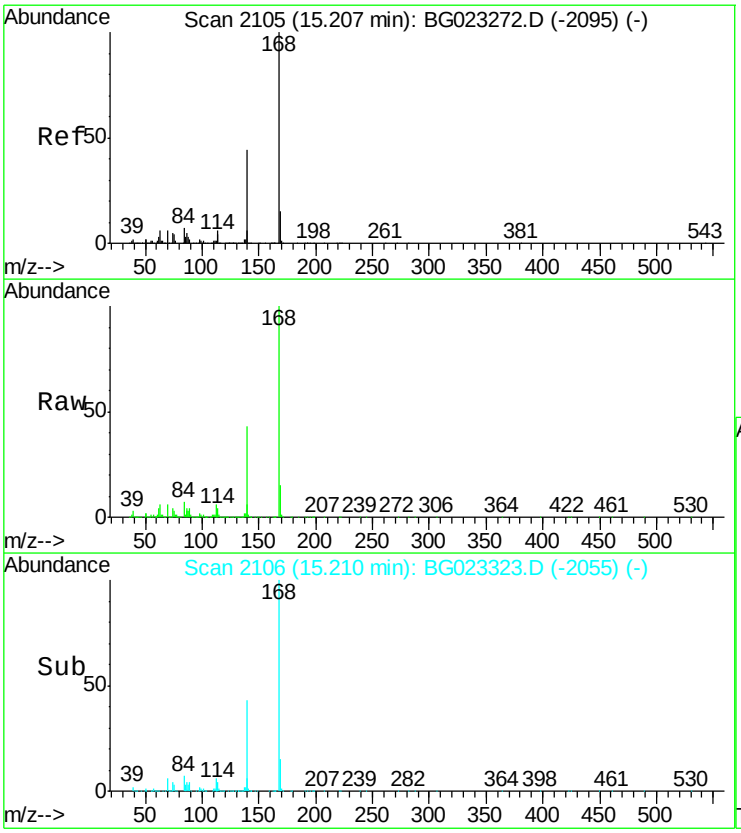

#53
2,4-Dinitrophenol
Concen: 86.36 ng
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:184 Resp: 454667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 67.2 | 59.6 | 89.4 |
| 154 | 63.8 | 67.4 | 101.0# |

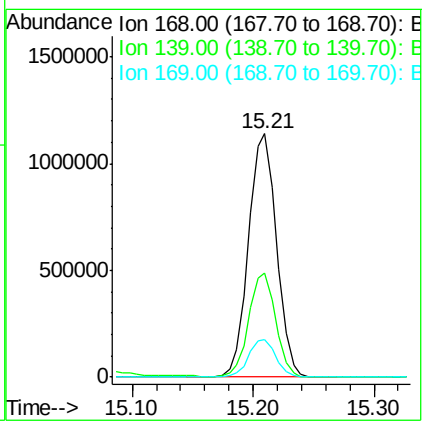


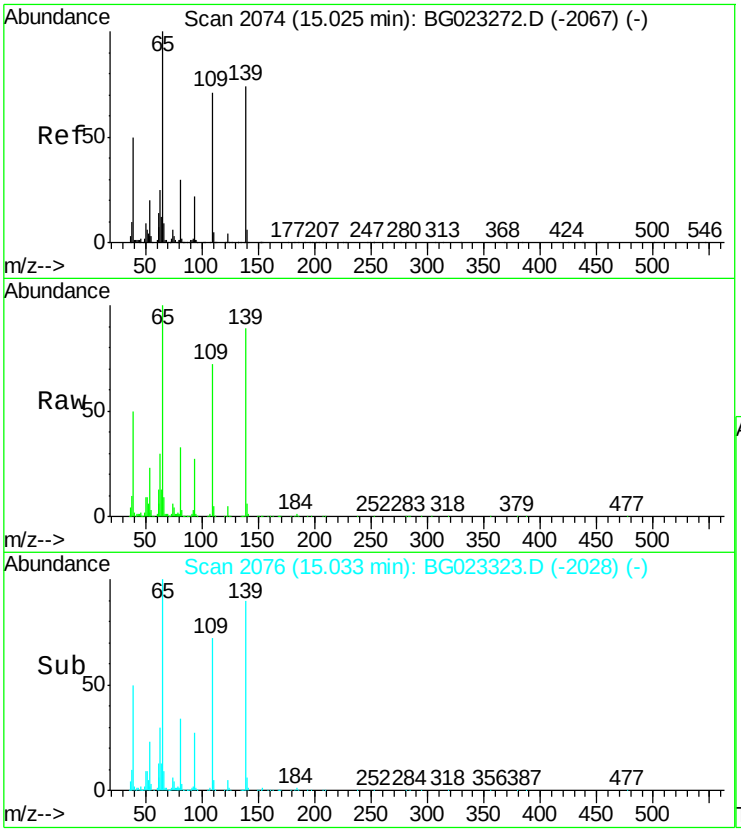




#54
Dibenzofuran
Concen: 45.01 ng
RT: 15.21 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:168 Resp: 1839073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 42.6 | 36.4 | 54.6 |
| 169 | 15.3 | 11.9 | 17.9 |



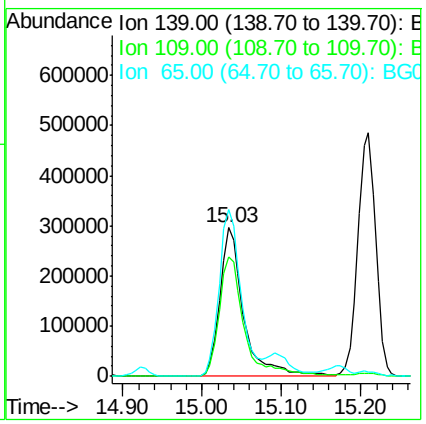


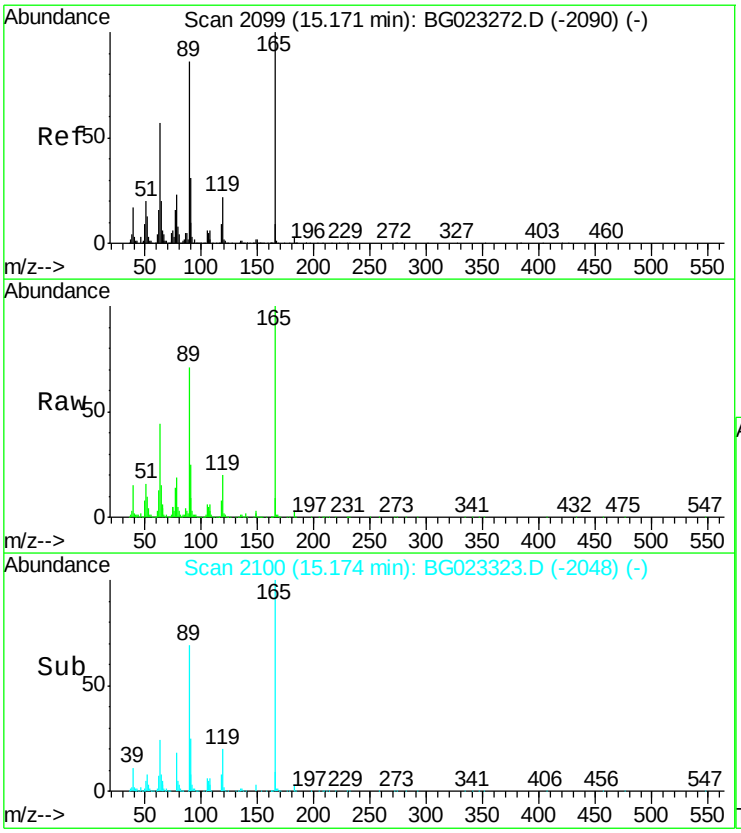

#55
4-Nitrophenol
Concen: 78.74 ng
RT: 15.03 min Scan# 2076
Delta R.T. -0.02 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:139 Resp: 618546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 80.1 | 103.0 | 143.0# |
| 65 | 111.8 | 112.7 | 152.7# |

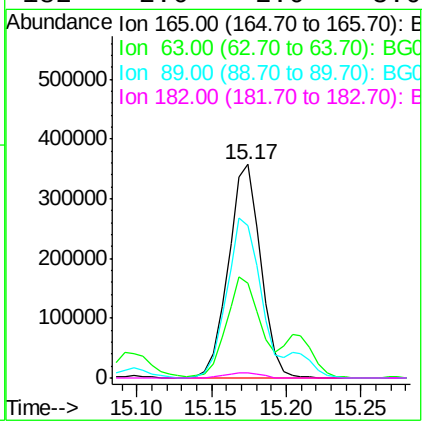


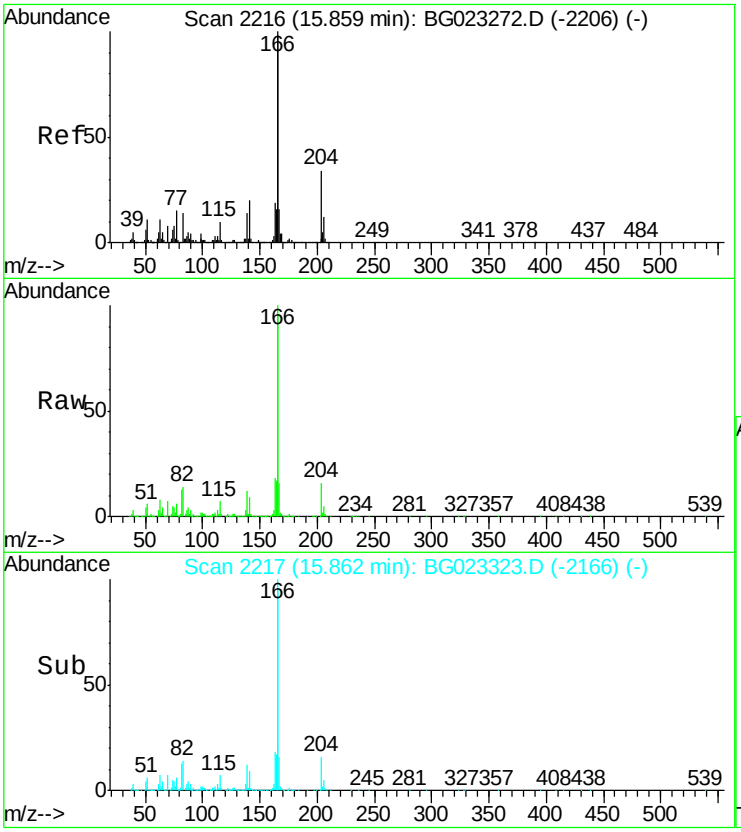




#56
2,4-Dinitrotoluene
Concen: 42.53 ng
RT: 15.17 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:165 Resp: 538491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 44.3 | 45.8 | 68.6# |
| 89 | 71.2 | 68.6 | 102.8 |
| 182 | 2.6 | 2.0 | 3.0 |



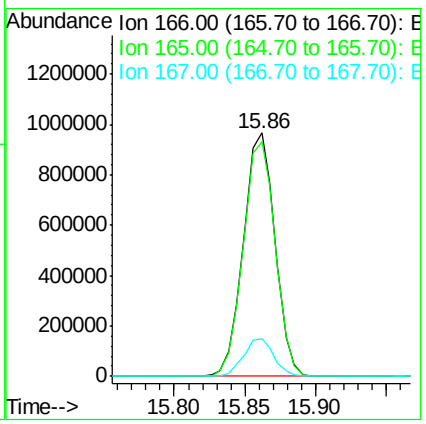


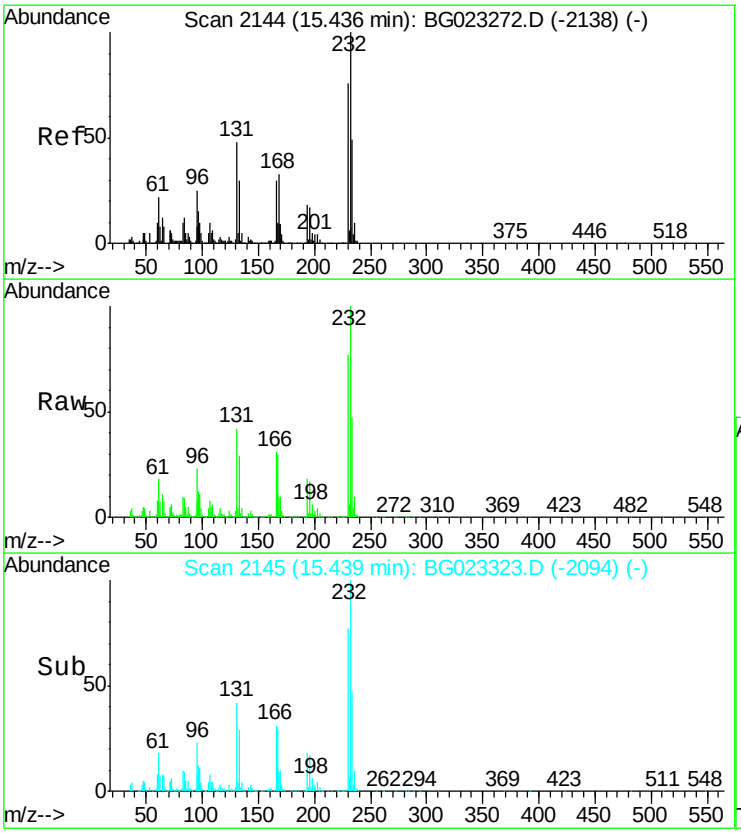

#57
Fluorene
Concen: 41.93 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:166 Resp: 1512940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.3 | 81.0 | 121.6 |
| 167 | 15.6 | 12.0 | 18.0 |

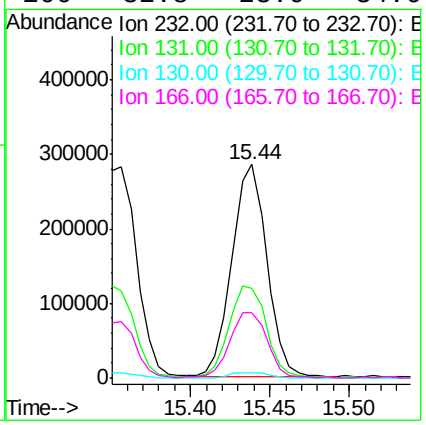


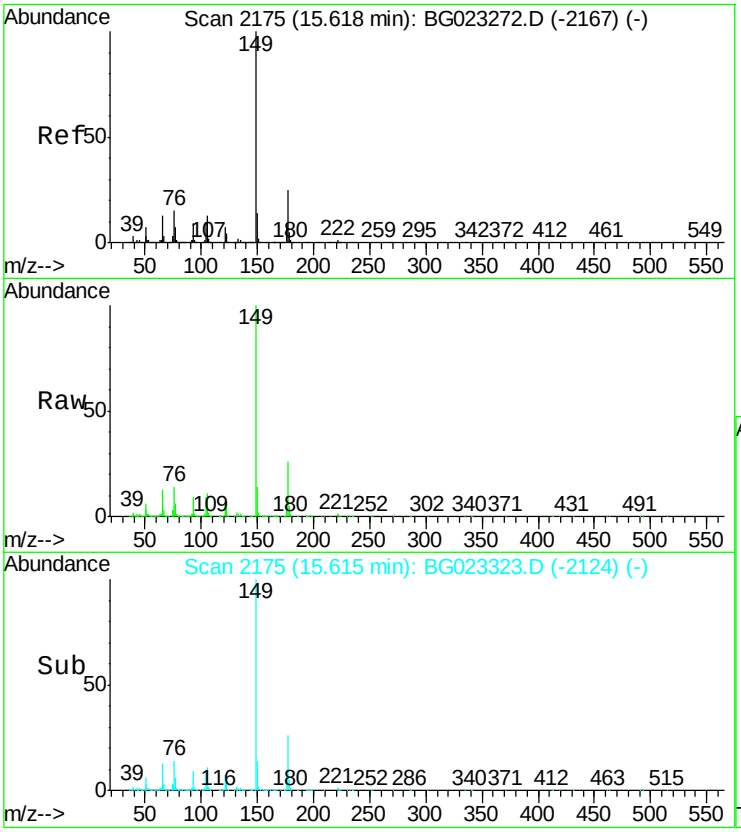




#58
2,3,4,6-Tetrachlorophenol
Concen: 49.19 ng
RT: 15.44 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:232 Resp: 437049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 46.0 | 32.7 | 49.1 |
| 130 | 3.1 | 2.6 | 3.8 |
| 166 | 32.8 | 23.0 | 34.6 |



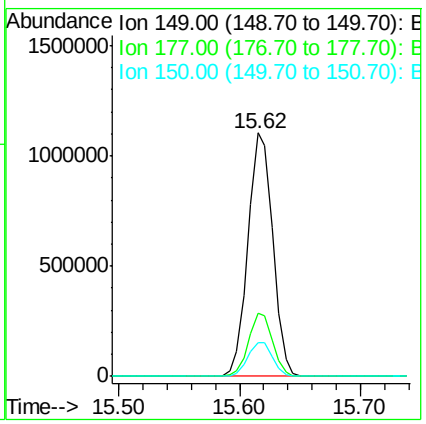


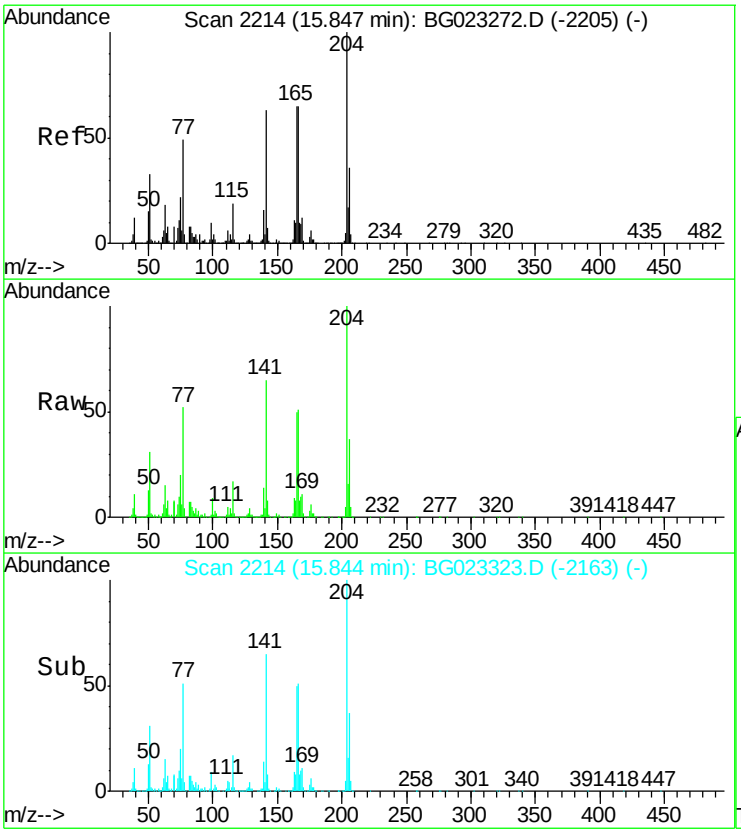

#59
Diethylphthalate
Concen: 40.37 ng
RT: 15.62 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:149 Resp: 1587733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 26.1 | 19.2 | 28.8 |
| 150 | 14.1 | 10.6 | 16.0 |

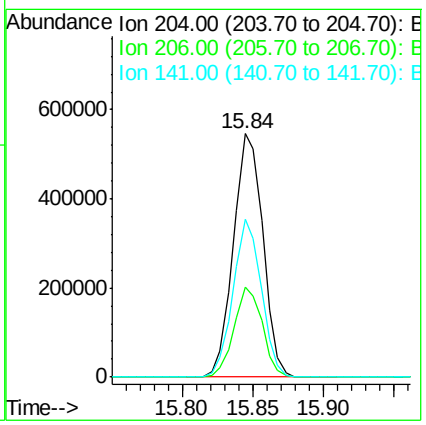


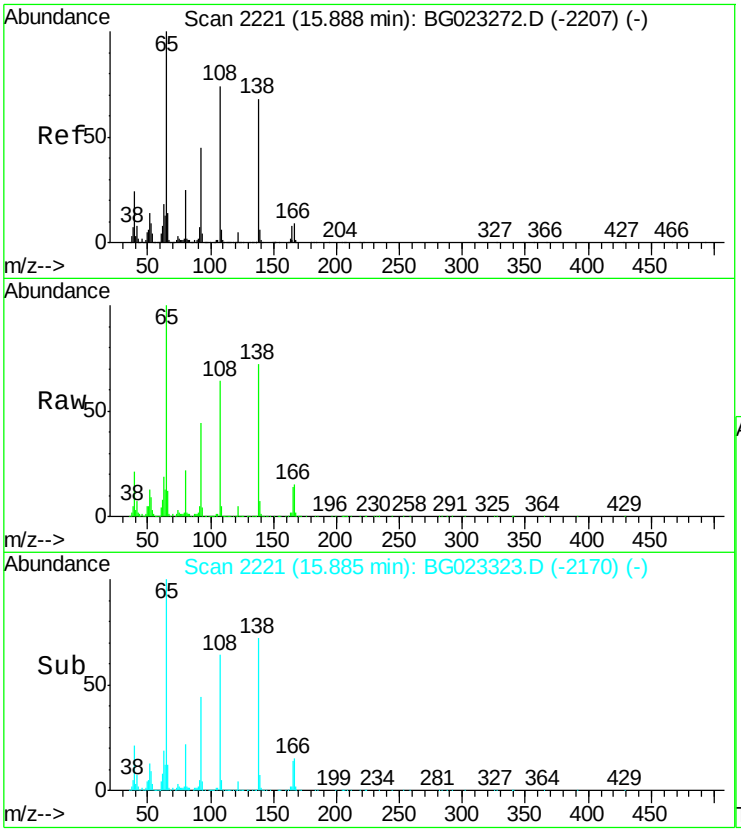




#60
4-Chlorophenyl-phenylether
Concen: 40.59 ng
RT: 15.84 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:204 Resp: 792807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 36.9 | 28.5 | 42.7 |
| 141 | 64.9 | 51.4 | 77.0 |



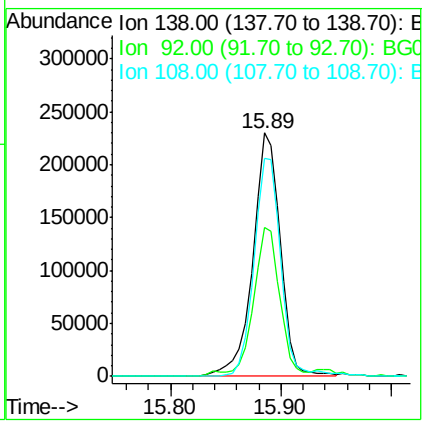


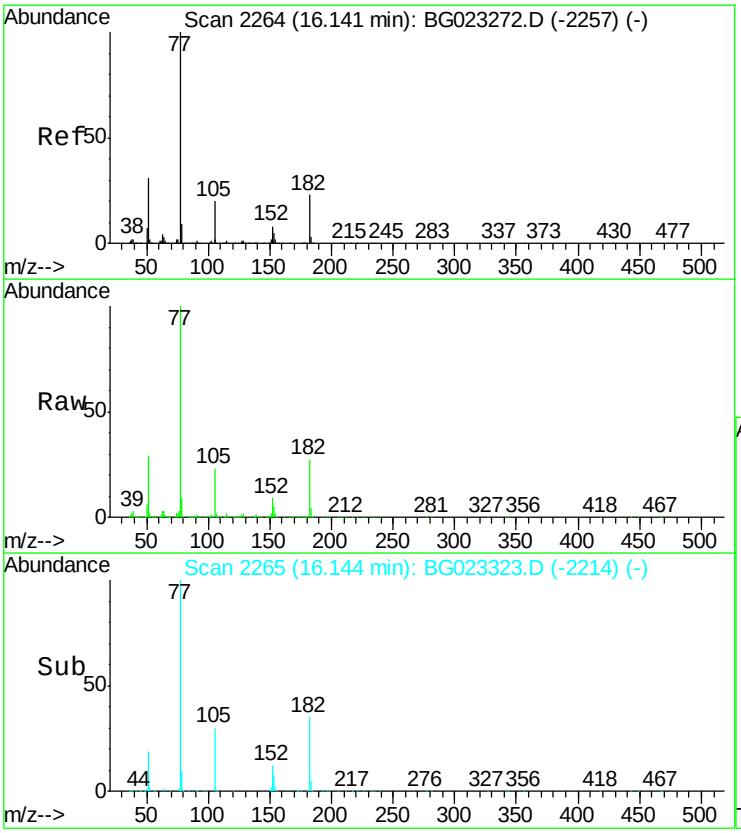

#61
4-Nitroaniline
Concen: 42.39 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:138 Resp: 402528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 61.2 | 54.1 | 94.1 |
| 108 | 89.7 | 133.9 | 173.9# |

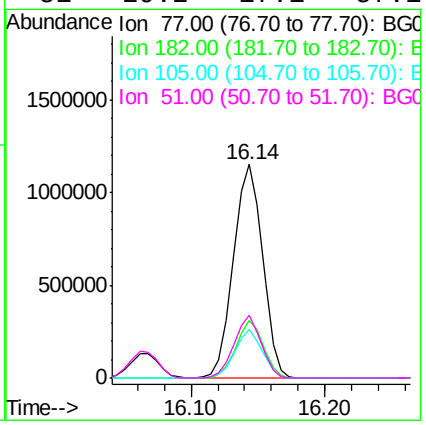


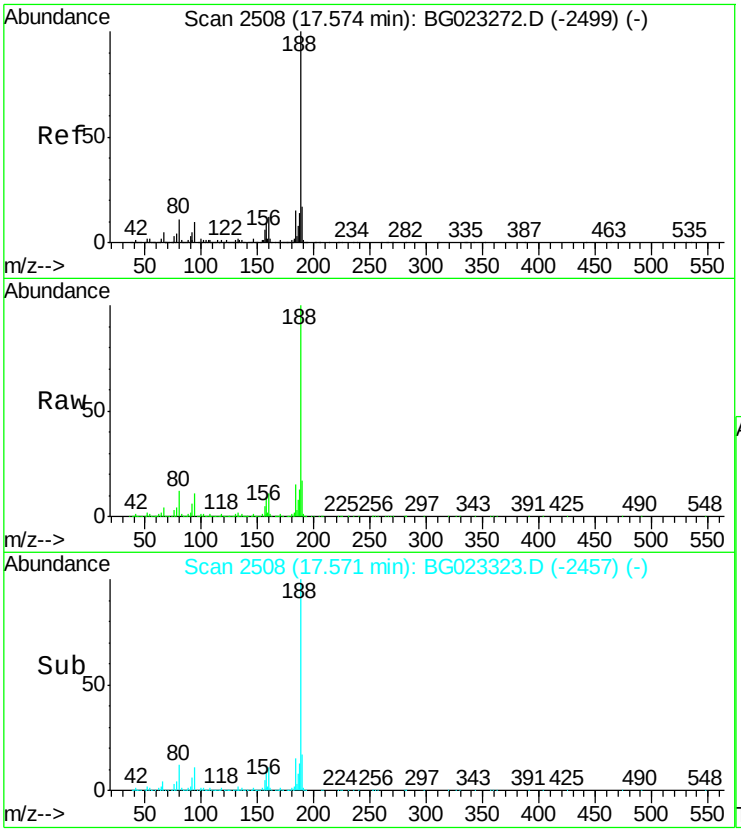




#62
Azobenzene
Concen: 42.62 ng
RT: 16.14 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion: 77 Resp: 1737825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.7 | 3.5 | 43.5 |
| 105 | 22.7 | 0.0 | 38.5 |
| 51 | 29.2 | 17.1 | 57.1 |



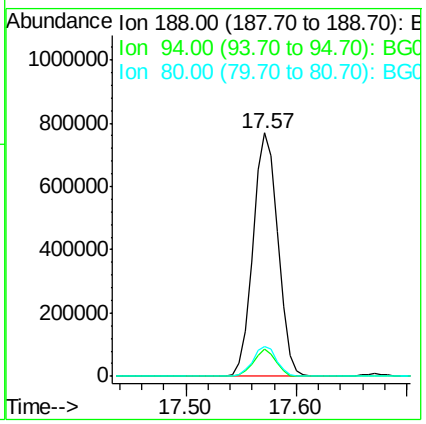


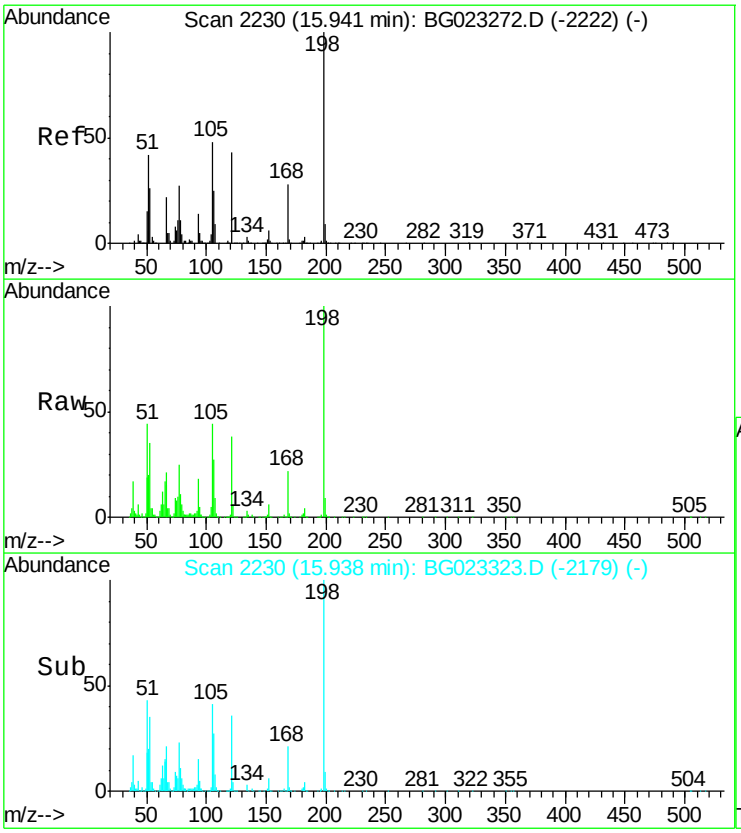

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:188 Resp: 1214060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.1 | 5.2 | 7.8# |
| 80 | 12.3 | 7.2 | 10.8# |

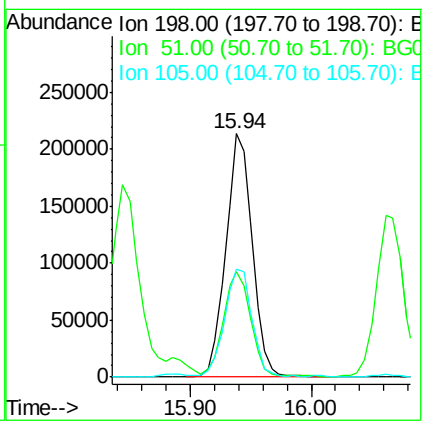


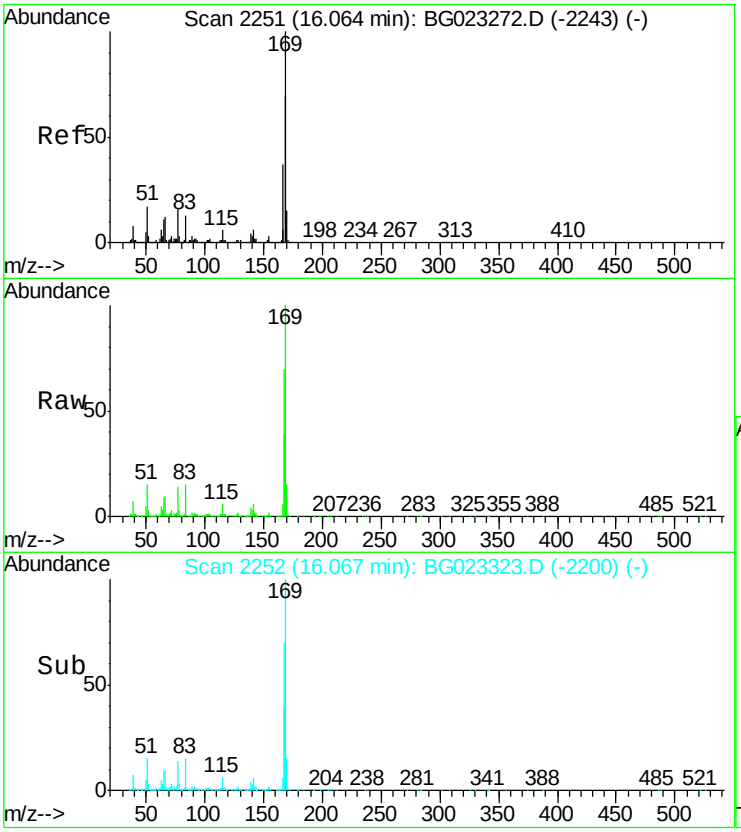




#64
4,6-Dinitro-2-methylphenol
Concen: 41.62 ng
RT: 15.94 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:198 Resp: 324567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 43.5 | 26.0 | 66.0 |
| 105 | 44.3 | 20.1 | 60.1 |



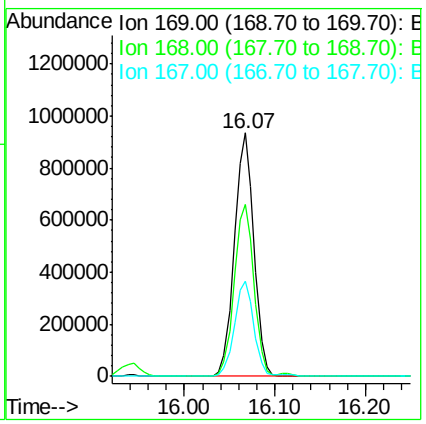


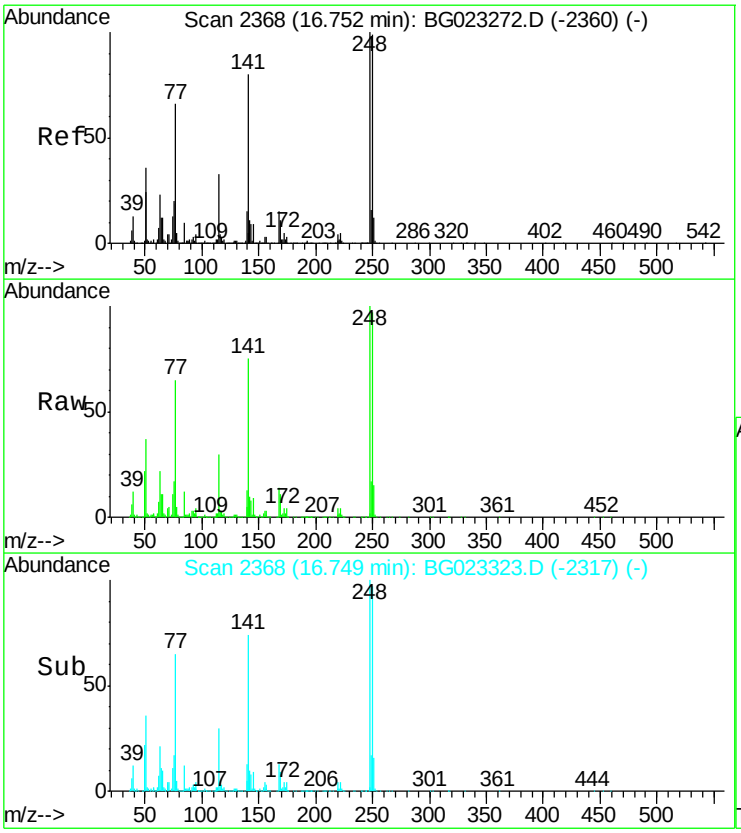

#65
n-Nitrosodiphenylamine
Concen: 43.39 ng
RT: 16.07 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:169 Resp: 1406506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 70.4 | 55.0 | 82.4 |
| 167 | 39.0 | 27.4 | 41.0 |

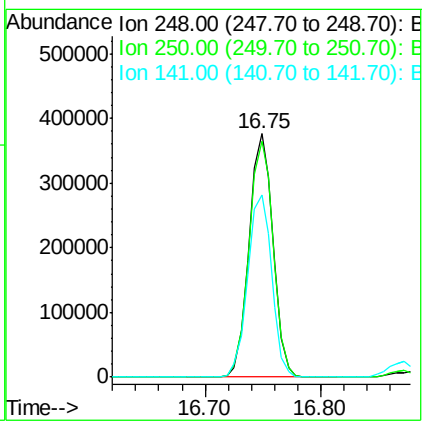


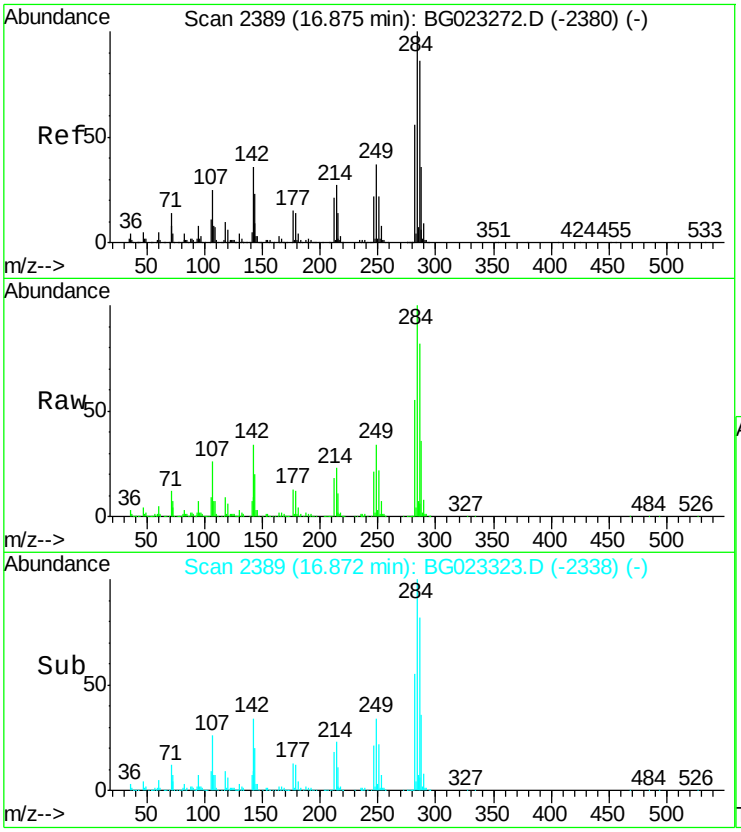




#66
4-Bromophenyl-phenylether
Concen: 44.02 ng
RT: 16.75 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:248 Resp: 540426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.1 | 77.8 | 116.8 |
| 141 | 74.9 | 65.7 | 98.5 |



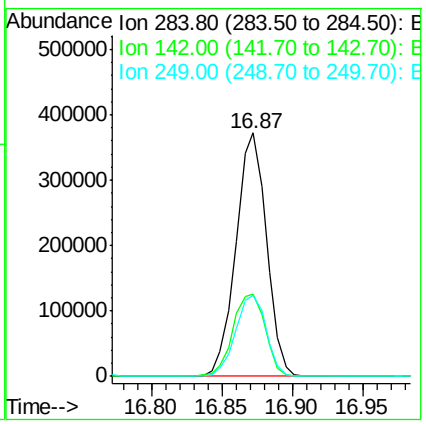


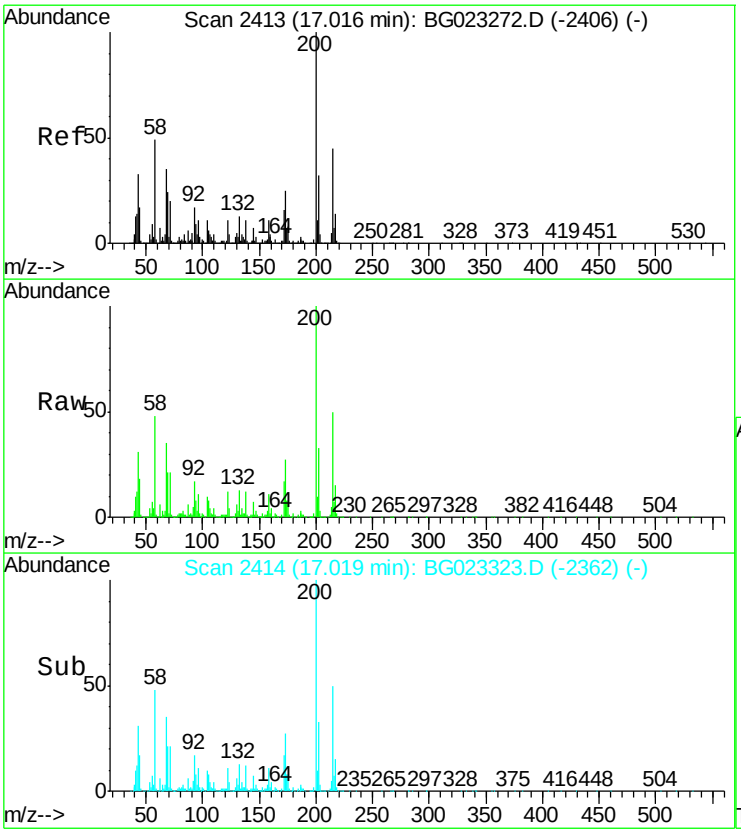

#67
Hexachlorobenzene
Concen: 45.49 ng
RT: 16.87 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:284 Resp: 561432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.9 | 26.8 | 40.2 |
| 249 | 33.6 | 28.9 | 43.3 |

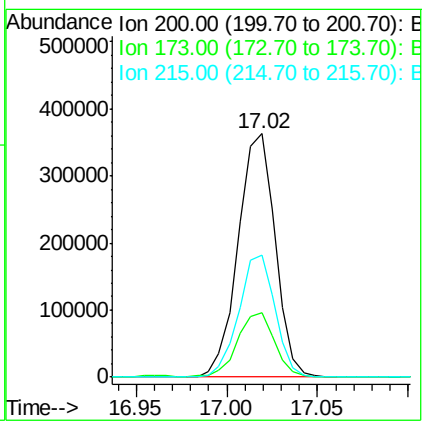


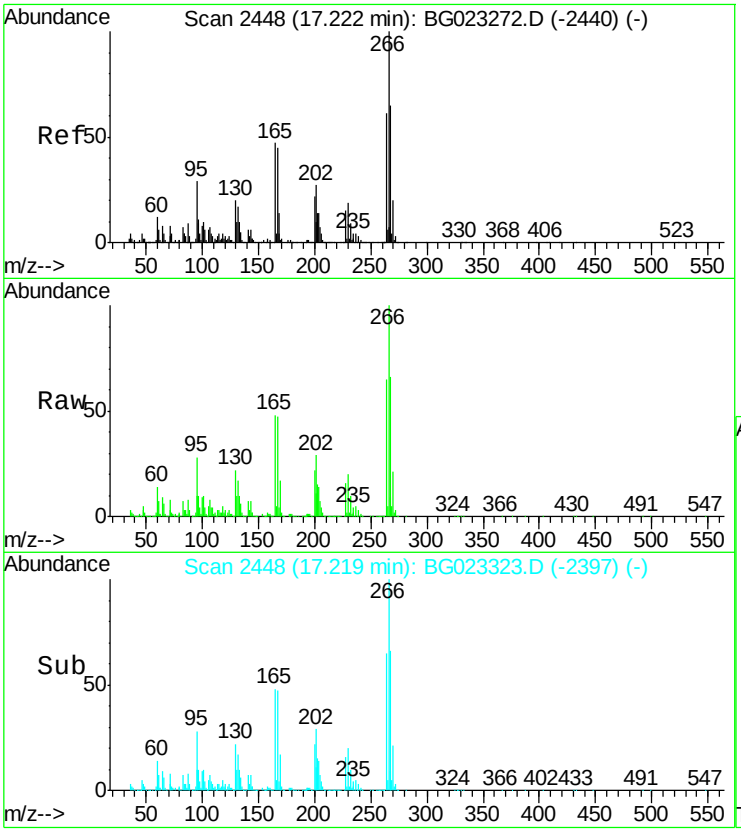




#68
Atrazine
Concen: 41.73 ng
RT: 17.02 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:200 Resp: 518883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.6 | 1.6 | 41.6 |
| 215 | 50.1 | 28.7 | 68.7 |



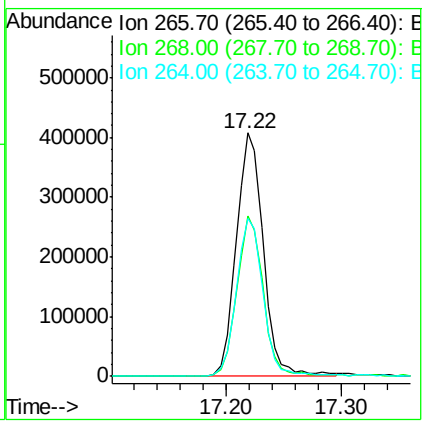


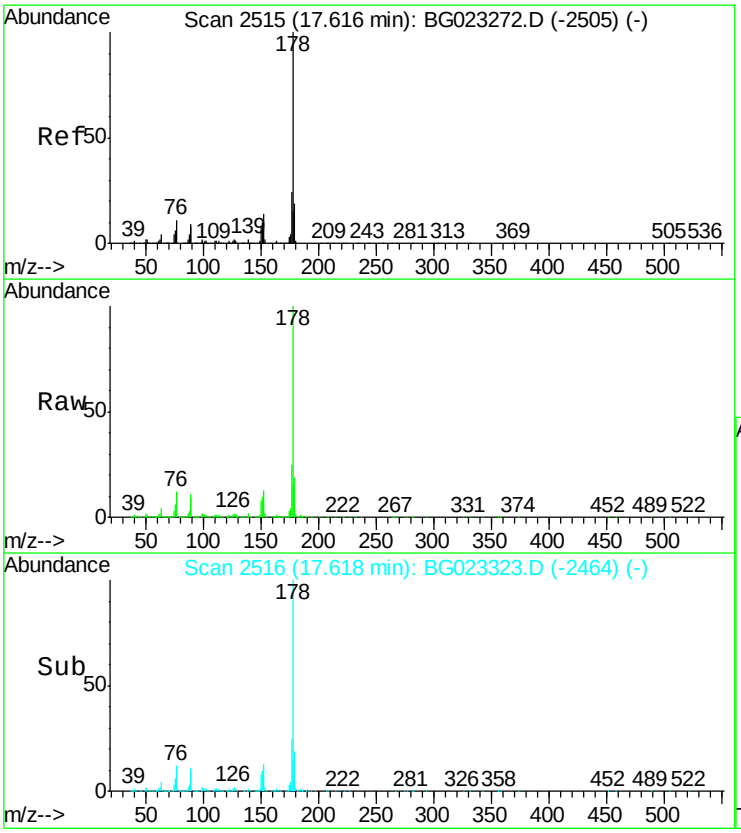

#69
Pentachlorophenol
Concen: 86.58 ng
RT: 17.22 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:266 Resp: 659520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.0 | 51.9 | 77.9 |
| 264 | 64.8 | 50.6 | 75.8 |

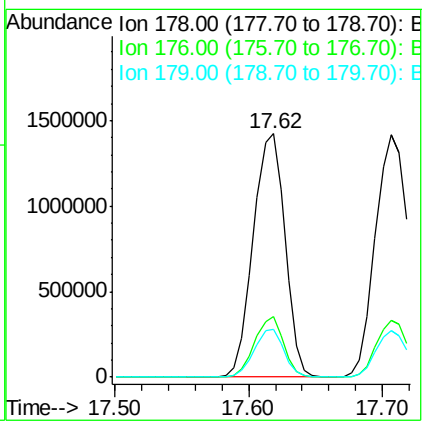


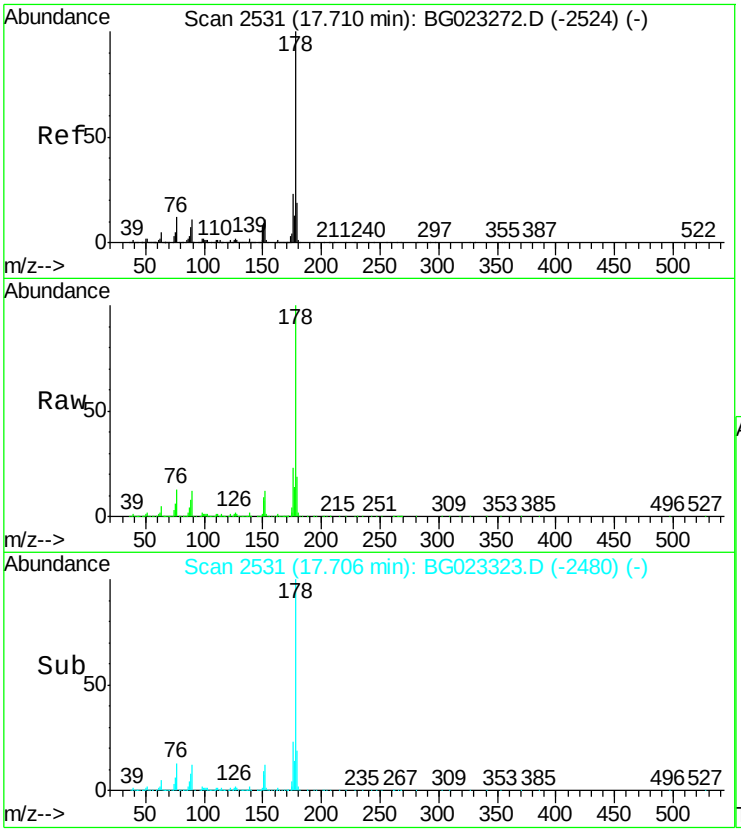




#70
Phenanthrene
Concen: 44.12 ng
RT: 17.62 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:178 Resp: 2342694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 24.9 | 16.8 | 25.2 |
| 179 | 19.4 | 14.3 | 21.5 |



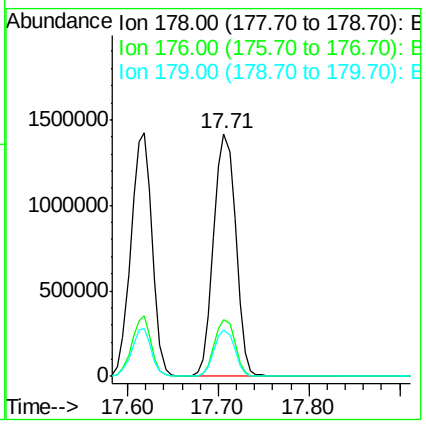


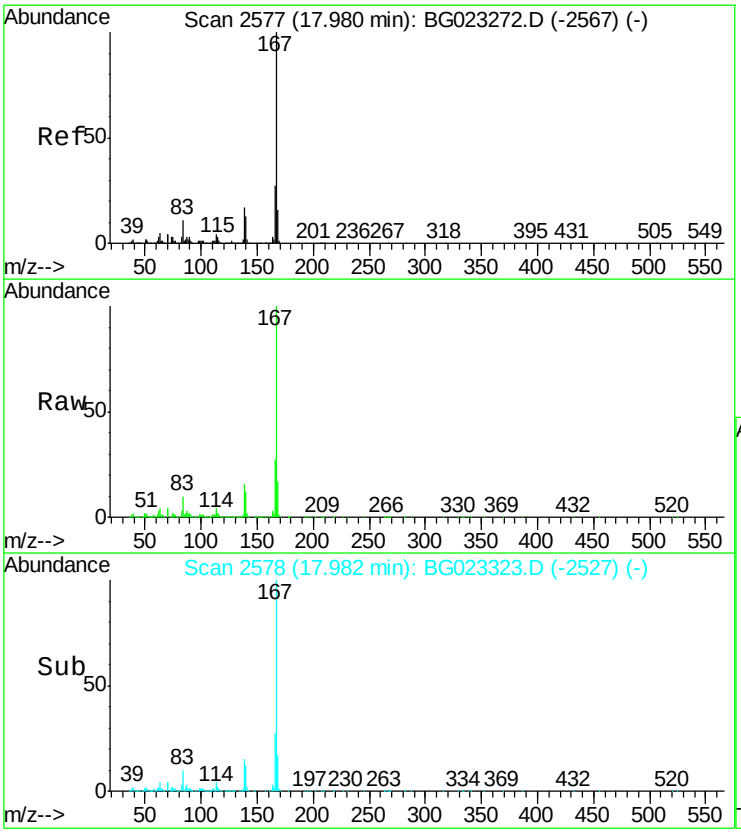

#71
Anthracene
Concen: 44.76 ng
RT: 17.71 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

**Instrument :**
BNA_G
**ClientSampleId :**
PB92434BS

Tgt Ion:178 Resp: 2401420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 23.3 | 17.3 | 25.9 |
| 179 | 19.2 | 14.0 | 21.0 |




#72
Carbazole
Concen: 45.11 ng
RT: 17.98 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BG023323.D
Acq: 29 Jul 2016 3:05

Tgt Ion:167 Resp: 2216786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 27.0 | 20.7 | 31.1 |
| 139 | 15.5 | 11.9 | 17.9 |