Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024559.D
Acq On : 31 Oct 2016 16:53
Operator : UM/SJ
Sample : PB94433BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB94433BS

Quant Time: Nov 01 11:55:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.27 | 152 | 120871 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.10 | 136 | 457891 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.89 | 164 | 341308 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.63 | 188 | 779061 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.93 | 240 | 1088080 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.36 | 264 | 1158836 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.80 | 112 | 910750 | 123.50 | ng | | 0.00 |
| 7) Phenol-d6 | 7.40 | 99 | 1272571 | 125.80 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.45 | 82 | 870422 | 86.55 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.37 | 330 | 706027 | 138.46 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.51 | 172 | 1769143 | 86.15 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.21 | 244 | 3164943 | 86.92 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.67 | 88 | 86176 | 28.60 | ng | | 93 |
| 3) Pyridine | 4.08 | 79 | 280481 | 31.09 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 3.99 | 42 | 177145 | 37.93 | ng | # | 80 |
| 6) Aniline | 7.59 | 93 | 468370 | 36.55 | ng | | 96 |
| 8) 2-Chlorophenol | 7.83 | 128 | 310867 | 41.46 | ng | | 92 |
| 9) Benzaldehyde | 7.40 | 77 | 62711 | 10.03 | ng | | 99 |
| 10) Phenol | 7.43 | 94 | 457094 | 43.83 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.68 | 93 | 331928 | 42.37 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 8.15 | 146 | 351900 | 37.91 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.31 | 146 | 363353 | 39.63 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.63 | 146 | 345003 | 39.14 | ng | | 91 |
| 15) Benzyl Alcohol | 8.50 | 79 | 377326 | 40.10 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.80 | 45 | 538078 | 37.02 | ng | | 96 |
| 17) 2-Methylphenol | 8.70 | 107 | 285903 | 41.38 | ng | | 94 |
| 18) Hexachloroethane | 9.36 | 117 | 143657 | 40.76 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 9.07 | 70 | 303391 | 40.69 | ng | | 91 |
| 20) 3+4-Methylphenols | 9.02 | 107 | 396535 | 42.74 | ng | | 98 |
| 22) Acetophenone | 9.09 | 105 | 511569 | 43.49 | ng | | 91 |
| 24) Nitrobenzene | 9.49 | 77 | 462450 | 41.33 | ng | | 97 |
| 25) Isophorone | 10.01 | 82 | 817914 | 43.72 | ng | | 99 |
| 26) 2-Nitrophenol | 10.21 | 139 | 180277 | 43.41 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 10.24 | 122 | 334199 | 45.97 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 10.48 | 93 | 446110 | 46.09 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.73 | 162 | 346774 | 45.45 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.95 | 180 | 385365 | 42.57 | ng | | 91 |
| 31) Naphthalene | 11.15 | 128 | 953451 | 41.74 | ng | | 99 |
| 32) Benzoic acid | 10.35 | 122 | 150696 | 24.89 | ng | | 89 |
| 33) 4-Chloroaniline | 11.25 | 127 | 194822 | 19.65 | ng | # | 94 |
| 34) Hexachlorobutadiene | 11.42 | 225 | 307778 | 43.45 | ng | | 97 |
| 35) Caprolactam | 12.02 | 113 | 68319 | 24.46 | ng | # | 85 |
| 36) 4-Chloro-3-methylphenol | 12.34 | 107 | 408954 | 44.40 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.73 | 142 | 709091 | 42.55 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.09 | 216 | 487395 | 42.34 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 13.06 | 237 | 721537 | 111.30 | ng | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024559.D
Acq On : 31 Oct 2016 16:53
Operator : UM/SJ
Sample : PB94433BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB94433BS

Quant Time: Nov 01 11:55:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.33 | 196 | 312912 | 45.22 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 13.40 | 196 | 331071 | 44.25 | ng | | 94 |
| 45) 1,1'-Biphenyl | 13.72 | 154 | 986747 | 41.66 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.77 | 162 | 786150 | 43.59 | ng | | 97 |
| 47) 2-Nitroaniline | 13.97 | 65 | 334570 | 45.31 | ng | | 98 |
| 48) Acenaphthylene | 14.61 | 152 | 1190048 | 43.03 | ng | | 96 |
| 49) Dimethylphthalate | 14.33 | 163 | 1076698 | 44.44 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.45 | 165 | 247711 | 47.89 | ng | | 92 |
| 51) Acenaphthene | 14.95 | 154 | 796469 | 38.63 | ng | | 95 |
| 52) 3-Nitroaniline | 14.79 | 138 | 180467 | 33.72 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 14.99 | 184 | 311762 | 83.17 | ng | | 98 |
| 54) Dibenzofuran | 15.28 | 168 | 1272491 | 44.64 | ng | | 99 |
| 55) 4-Nitrophenol | 15.08 | 139 | 425960 | 91.34 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 15.24 | 165 | 365995 | 48.69 | ng | # | 93 |
| 57) Fluorene | 15.93 | 166 | 1035185 | 43.79 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.50 | 232 | 364876 | 47.04 | ng | | 93 |
| 59) Diethylphthalate | 15.68 | 149 | 1102237 | 43.39 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.91 | 204 | 590743 | 44.54 | ng | | 97 |
| 61) 4-Nitroaniline | 15.95 | 138 | 259822 | 44.43 | ng | | 99 |
| 62) Azobenzene | 16.20 | 77 | 1145575 | 45.22 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 16.00 | 198 | 241550 | 45.00 | ng | | 96 |
| 65) n-Nitrosodiphenylamine | 16.13 | 169 | 989313 | 46.45 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.81 | 248 | 437731 | 46.28 | ng | | 96 |
| 67) Hexachlorobenzene | 16.93 | 284 | 480460 | 45.98 | ng | # | 87 |
| 68) Atrazine | 17.06 | 200 | 444344 | 48.64 | ng | | 97 |
| 69) Pentachlorophenol | 17.27 | 266 | 623416 | 90.41 | ng | | 96 |
| 70) Phenanthrene | 17.67 | 178 | 1780106 | 44.83 | ng | | 98 |
| 71) Anthracene | 17.76 | 178 | 1842047 | 45.98 | ng | | 98 |
| 72) Carbazole | 18.03 | 167 | 1662919 | 45.51 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.55 | 149 | 1931671 | 45.85 | ng | | 96 |
| 74) Fluoranthene | 19.66 | 202 | 2359052 | 46.99 | ng | | 98 |
| 76) Benzidine | 19.84 | 184 | 1474893 | 57.53 | ng | | 99 |
| 77) Pyrene | 20.03 | 202 | 2392088 | 44.97 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.89 | 149 | 1012744 | 45.67 | ng | | 99 |
| 80) Benzo(a)anthracene | 21.90 | 228 | 2705622 | 45.26 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.81 | 252 | 718691 | 29.80 | ng | | 99 |
| 82) Chrysene | 21.97 | 228 | 2555640 | 44.89 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 1414552 | 44.59 | ng | | 98 |
| 84) Di-n-octyl phthalate | 23.04 | 149 | 2442510 | 46.40 | ng | | 94 |
| 85) Indeno(1,2,3-cd)pyrene | 29.30 | 276 | 3498180 | 44.52 | ng | # | 97 |
| 87) Benzo(b)fluoranthene | 24.26 | 252 | 2899829 | 46.29 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 24.34 | 252 | 2739180 | 45.28 | ng | | 99 |
| 89) Benzo(a)pyrene | 25.19 | 252 | 2784338 | 45.49 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 29.37 | 278 | 2952690 | 43.95 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 30.55 | 276 | 2937863 | 43.77 | ng | | 99 |

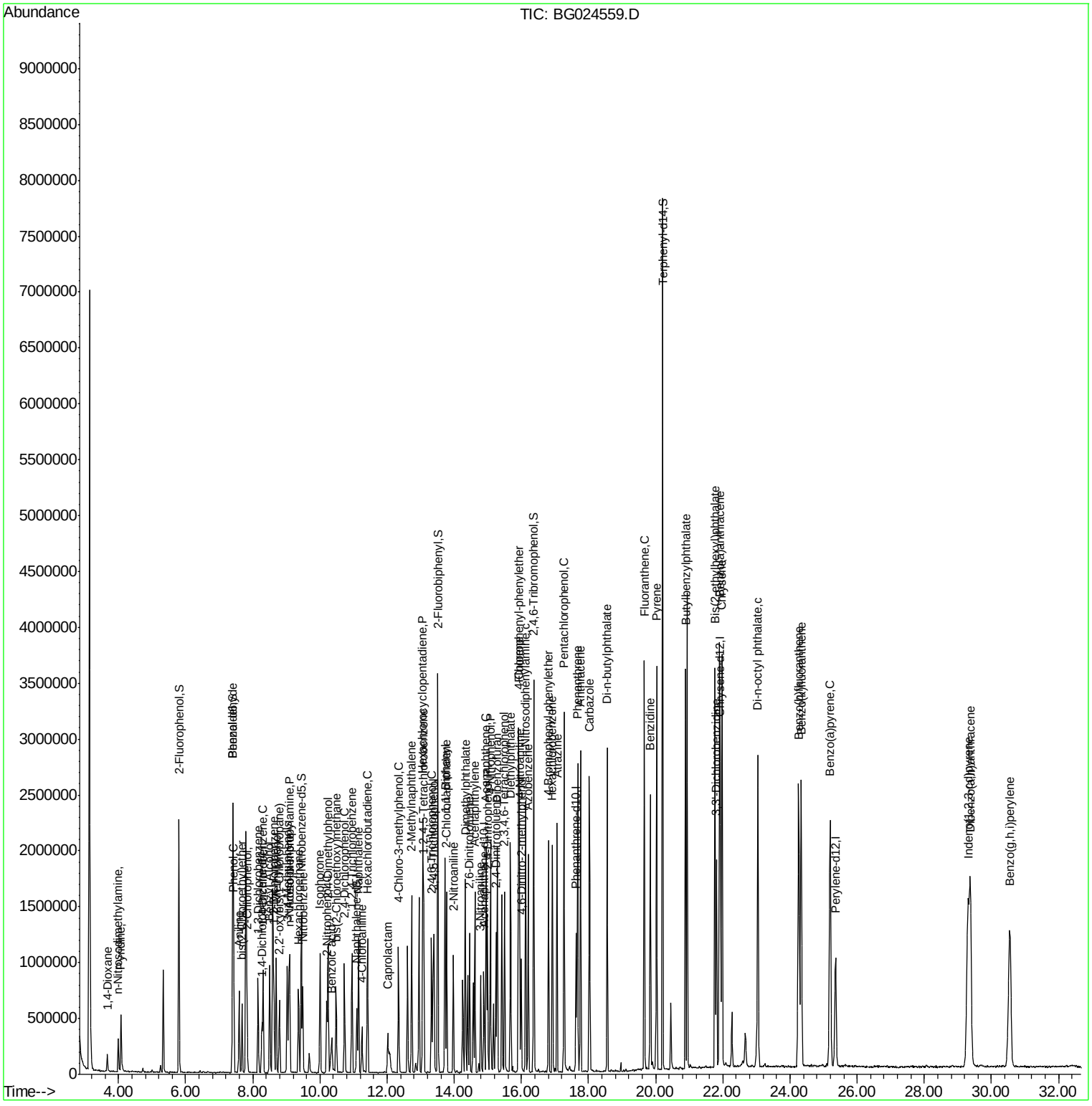
(#) = qualifier out of range (m) = manual integration (+) = signals summed

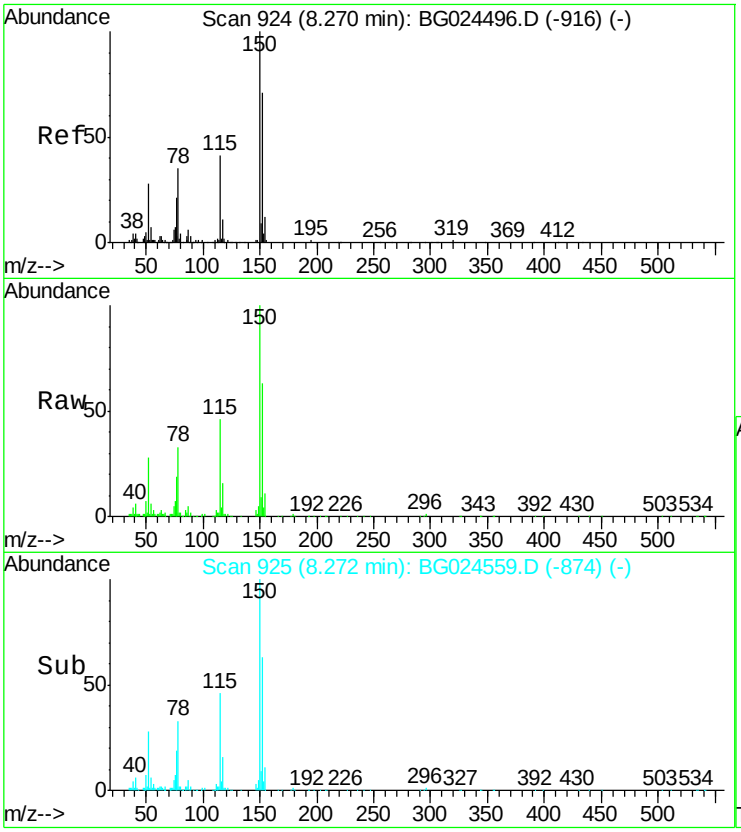
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024559.D
Acq On : 31 Oct 2016 16:53
Operator : UM/SJ
Sample : PB94433BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Quant Time: Nov 01 11:55:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration



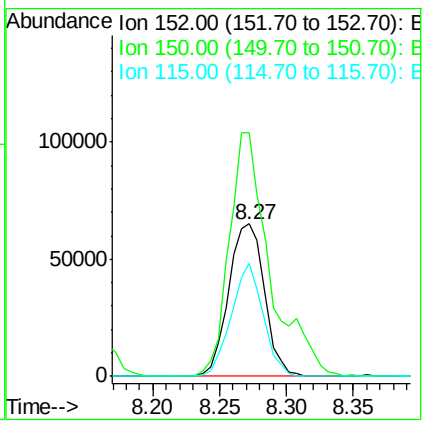


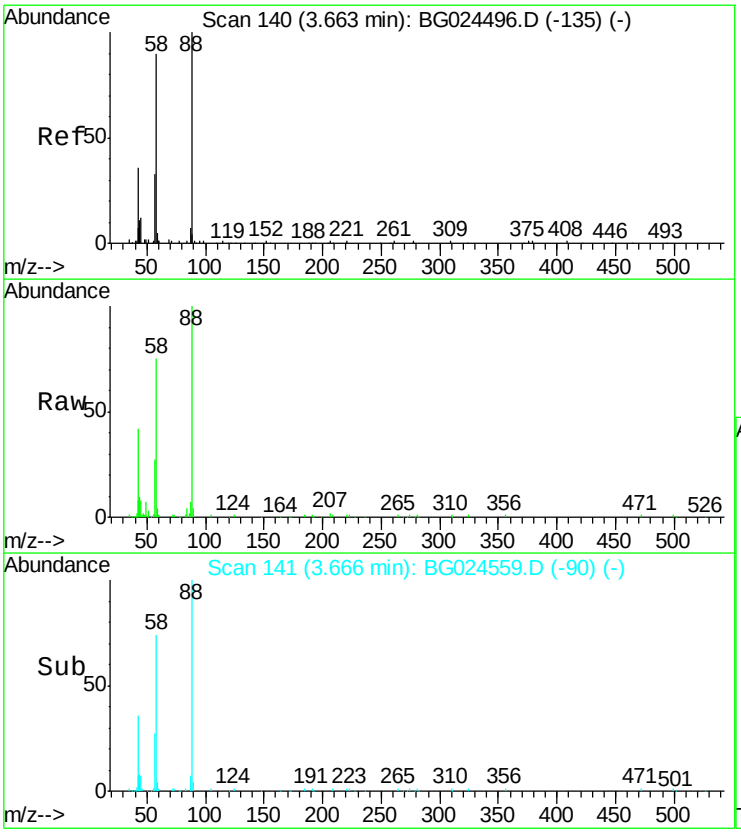

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:152 Resp: 120871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.8 | 114.0 | 171.0 |
| 115 | 74.2 | 48.1 | 72.1# |

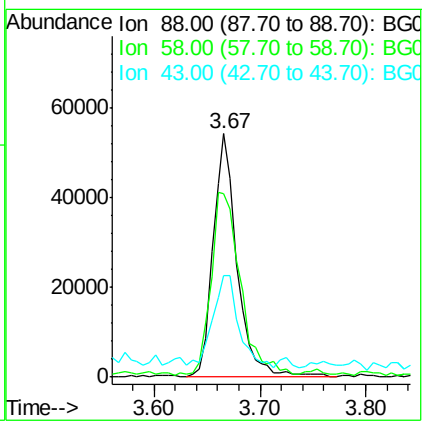


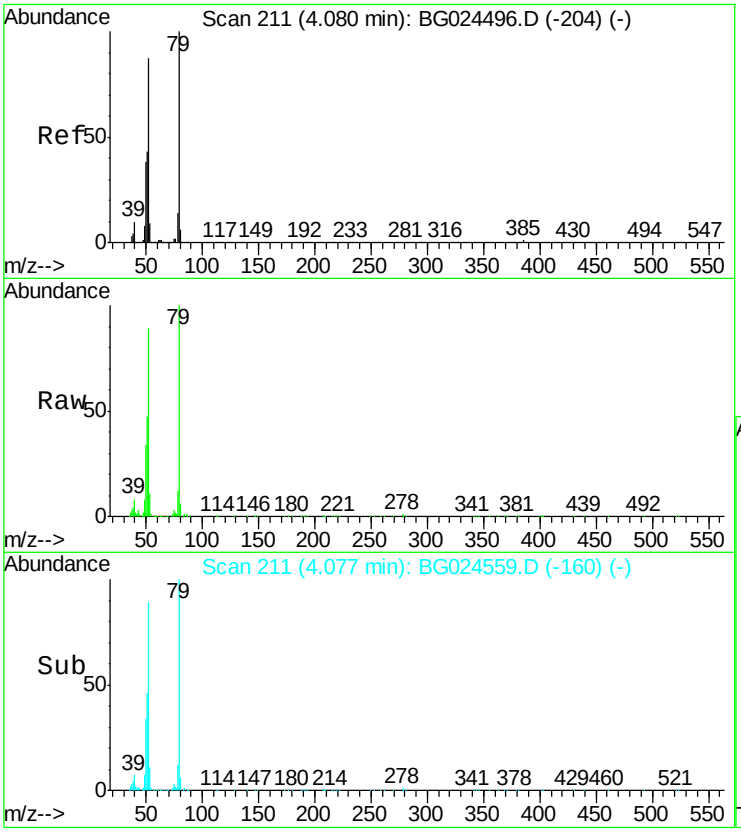




#2
1,4-Dioxane
Concen: 28.60 ng
RT: 3.67 min Scan# 141
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion: 88 Resp: 86176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 91.2 | 79.4 | 119.2 |
| 43 | 44.5 | 33.8 | 50.6 |



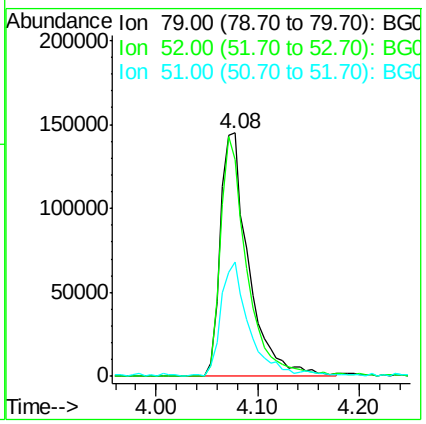


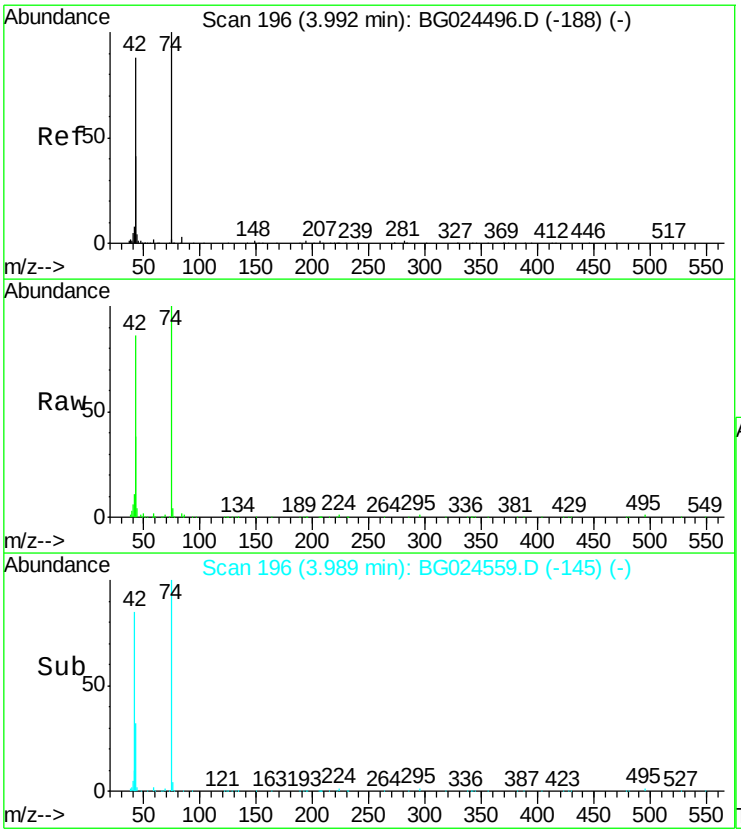

#3
Pyridine
Concen: 31.09 ng
RT: 4.08 min Scan# 211
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion: 79 Resp: 280481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 88.9 | 77.8 | 116.6 |
| 51 | 46.9 | 43.2 | 64.8 |

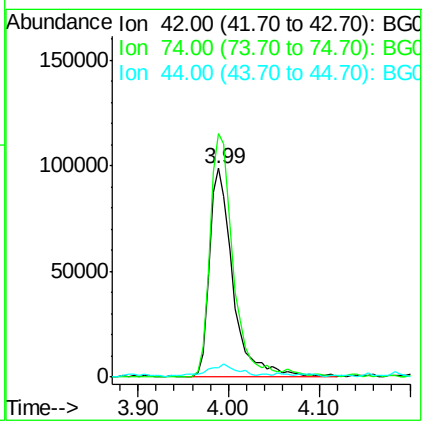


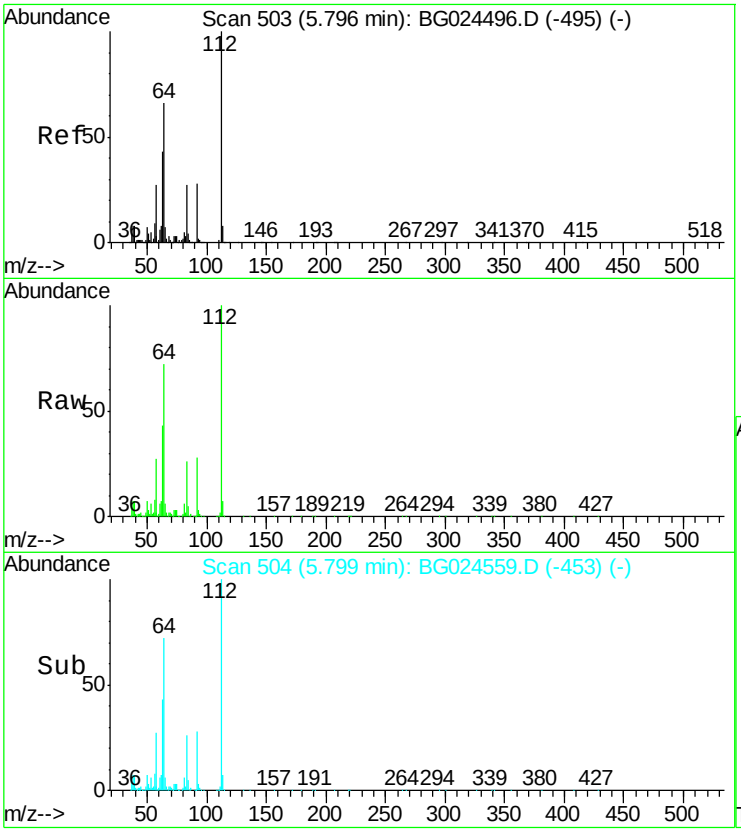




#4
n-Nitrosodimethylamine
Concen: 37.93 ng
RT: 3.99 min Scan# 196
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion: 42 Resp: 177145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 116.6 | 76.7 | 115.1# |
| 44 | 4.4 | 6.1 | 9.1# |



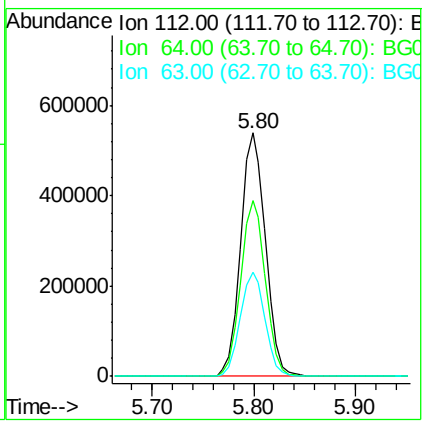


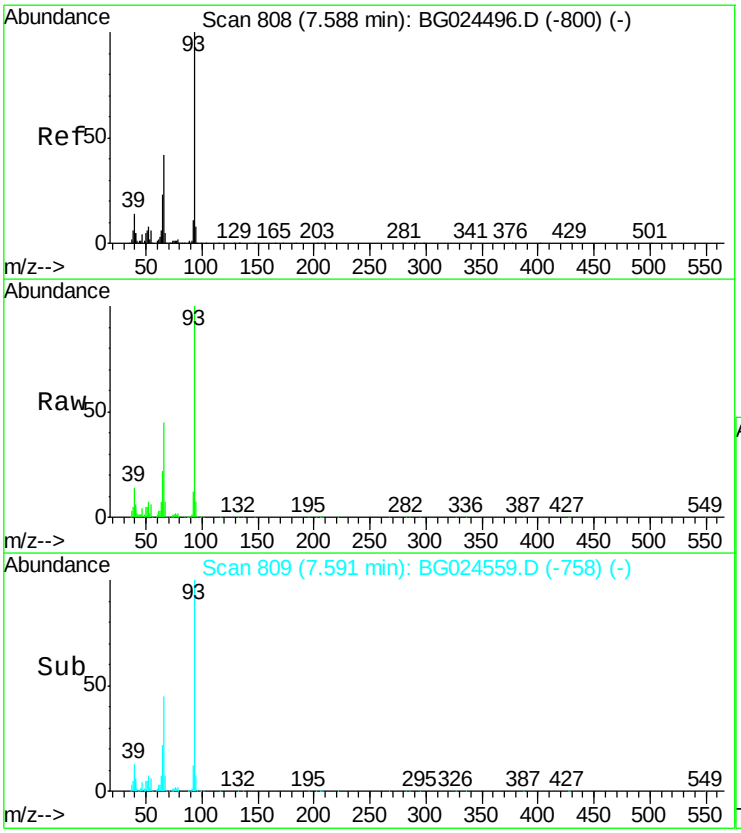

#5
2-Fluorophenol
Concen: 123.50 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:112 Resp: 910750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.1 | 61.8 | 92.6 |
| 63 | 42.5 | 37.2 | 55.8 |

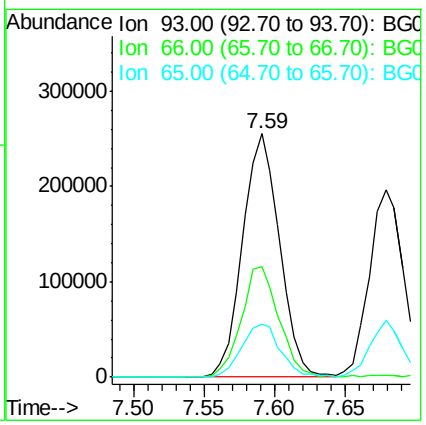


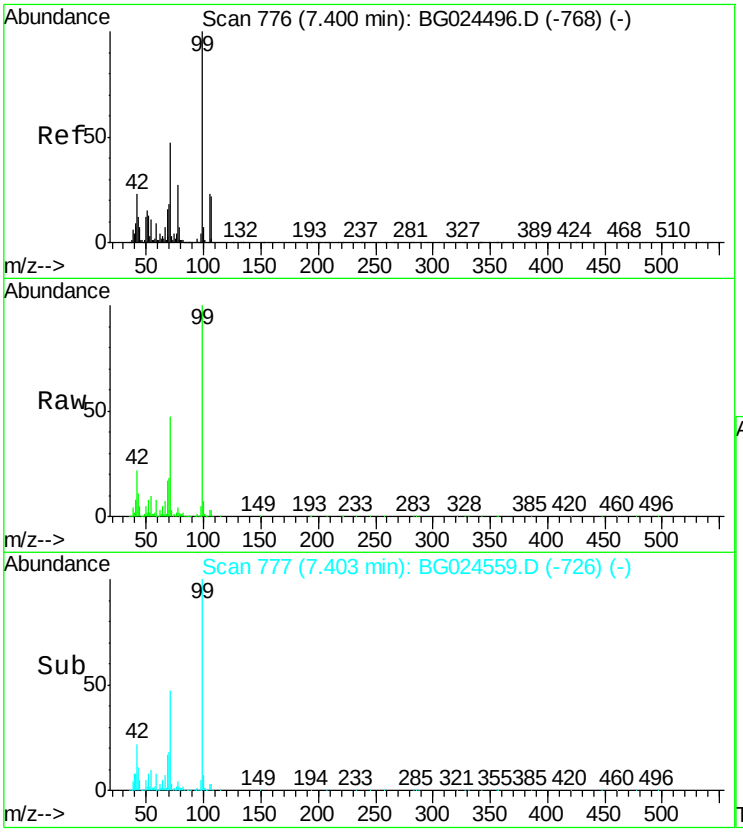




#6
Aniline
Concen: 36.55 ng
RT: 7.59 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion: 93 Resp: 468370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 45.2 | 35.4 | 53.2 |
| 65 | 22.0 | 21.2 | 31.8 |



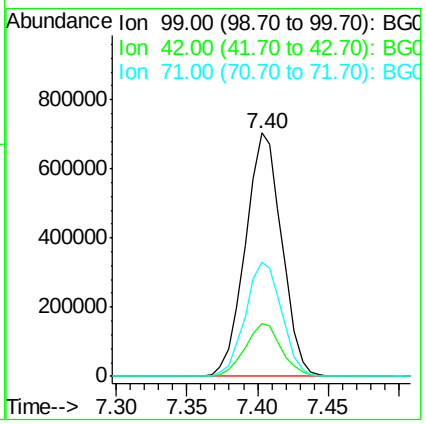


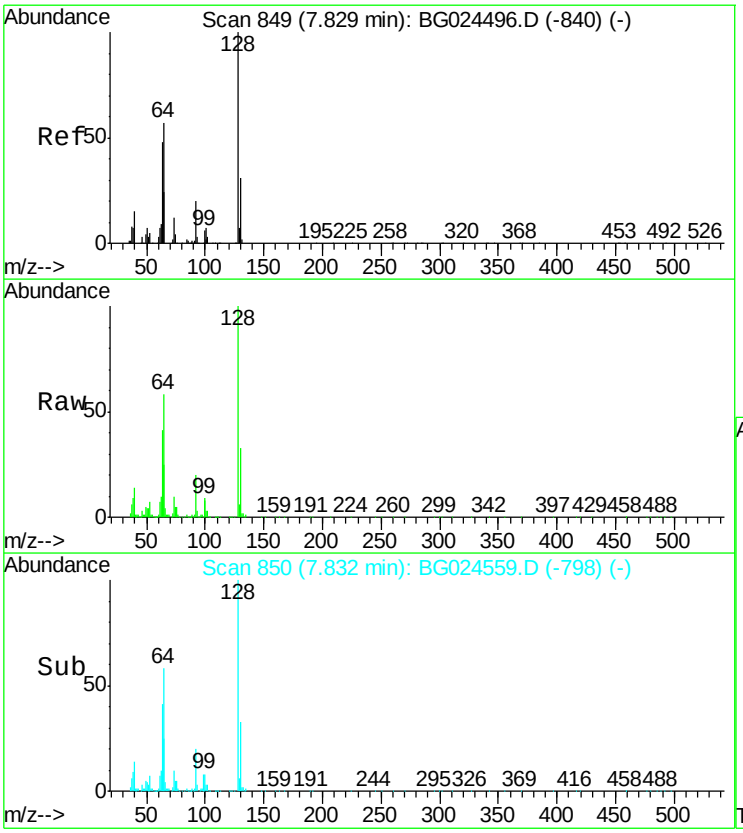

#7
Phenol-d6
Concen: 125.80 ng
RT: 7.40 min Scan# 777
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion: 99 Resp: 1272571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.7 | 20.5 | 30.7 |
| 71 | 47.1 | 37.6 | 56.4 |

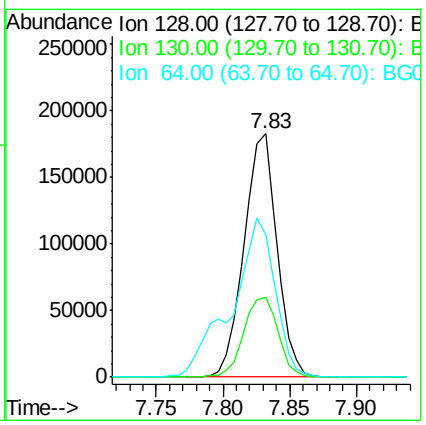


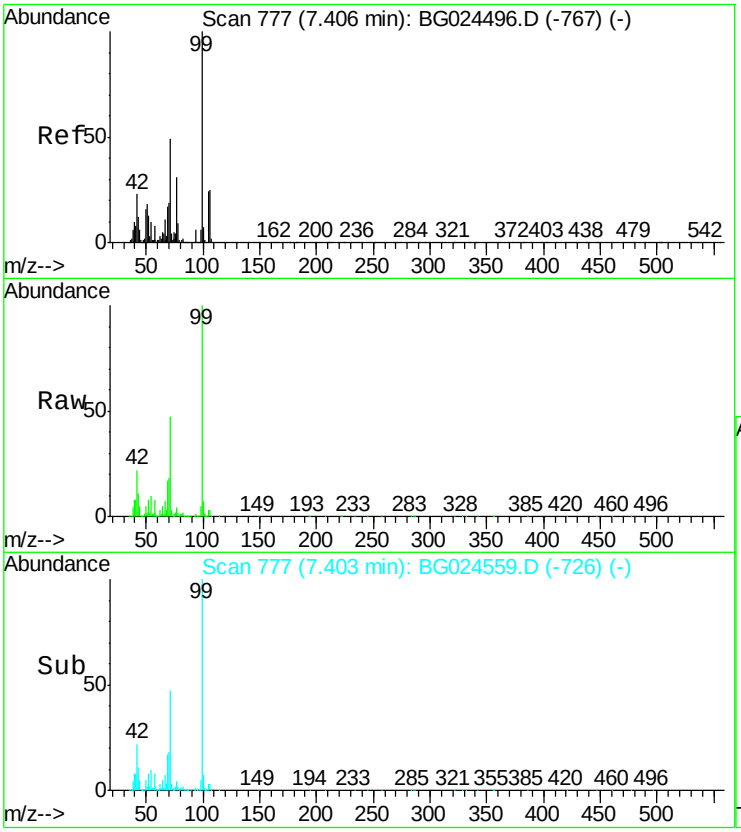




#8
2-Chlorophenol
Concen: 41.46 ng
RT: 7.83 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:128 Resp: 310867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.7 | 11.4 | 51.4 |
| 64 | 58.4 | 46.6 | 86.6 |



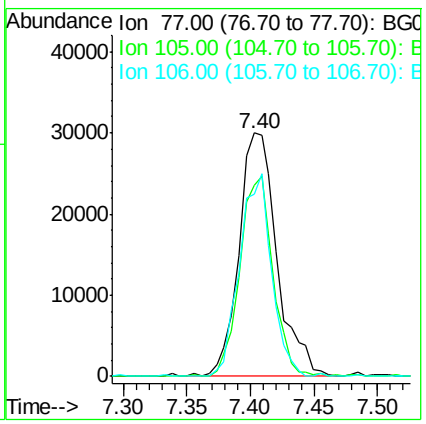


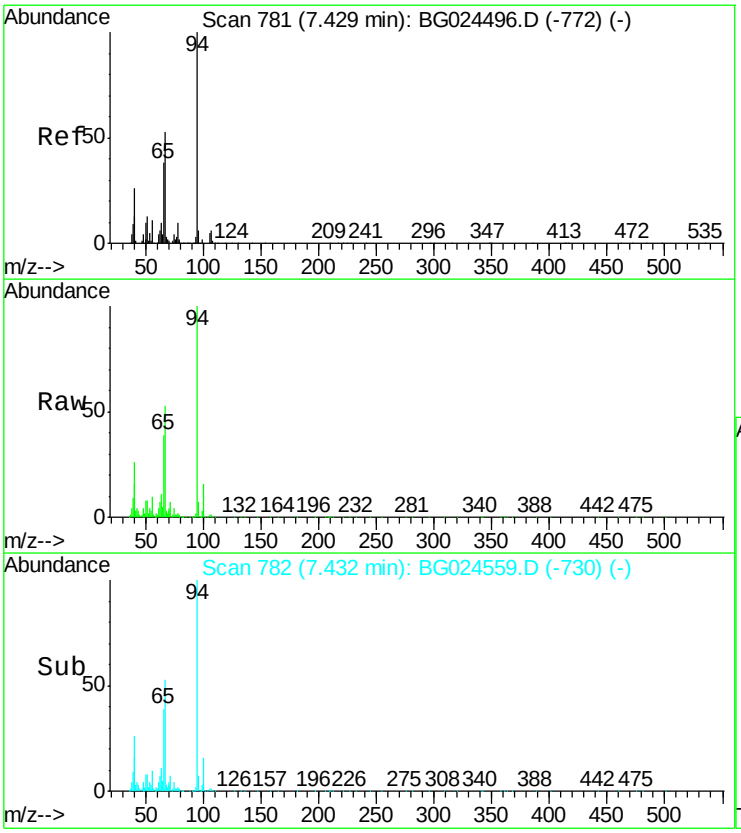

#9
Benzaldehyde
Concen: 10.03 ng
RT: 7.40 min Scan# 777
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion: 77 Resp: 62711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 78.4 | 60.9 | 100.9 |
| 106 | 75.0 | 55.1 | 95.1 |

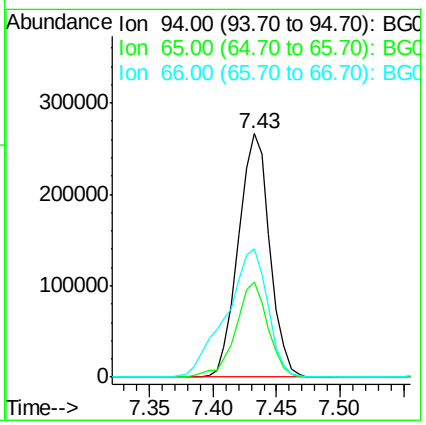


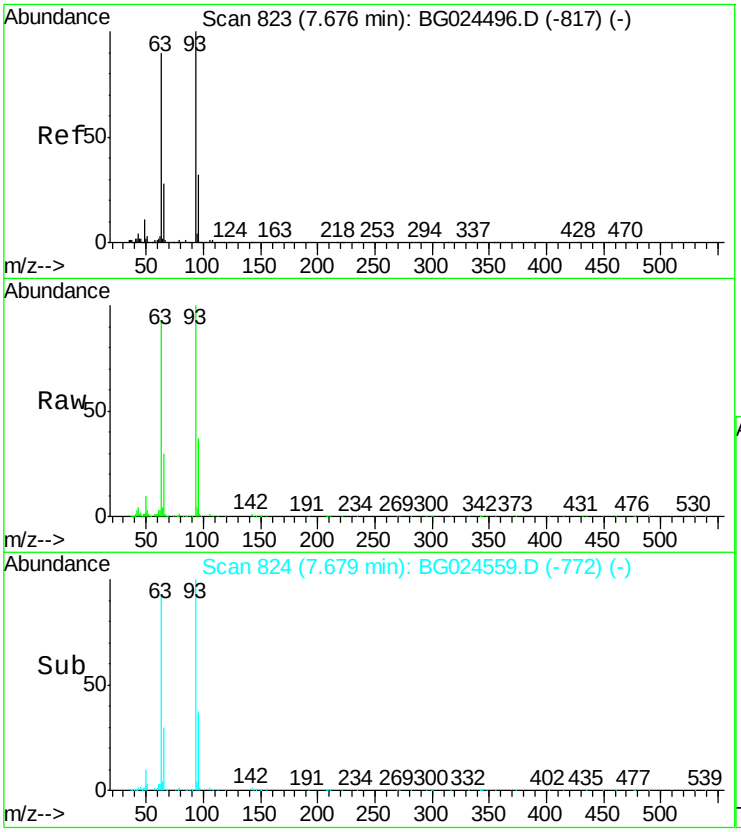




#10
Phenol
Concen: 43.83 ng
RT: 7.43 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion: 94 Resp: 457094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 39.3 | 20.6 | 60.6 |
| 66 | 52.9 | 35.5 | 75.5 |



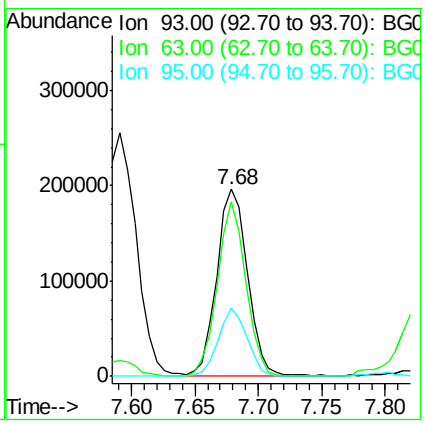


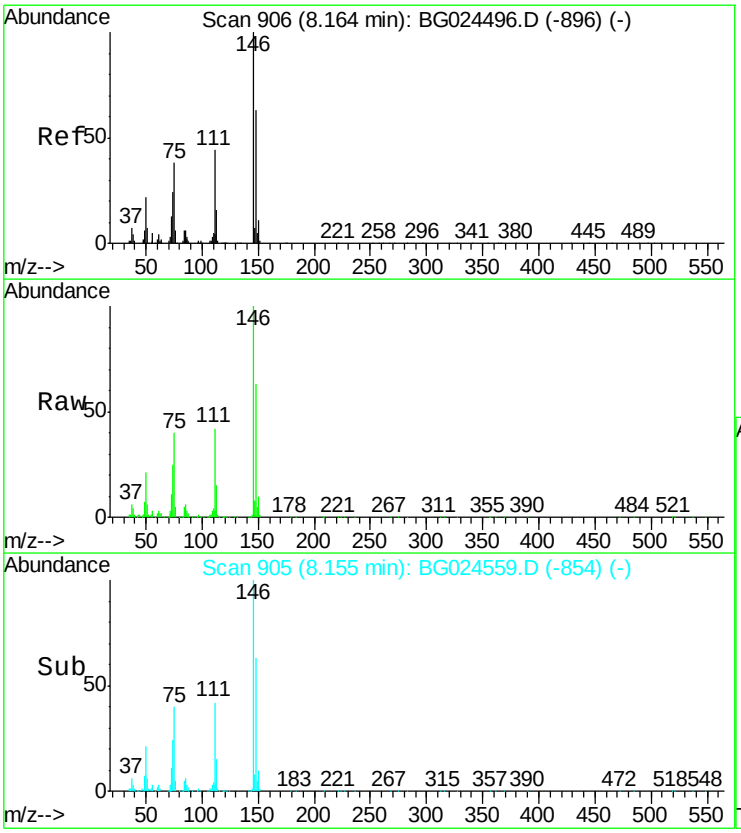

#11
bis(2-Chloroethyl)ether
Concen: 42.37 ng
RT: 7.68 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion: 93 Resp: 331928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 93.1 | 78.5 | 118.5 |
| 95 | 36.7 | 9.8 | 49.8 |

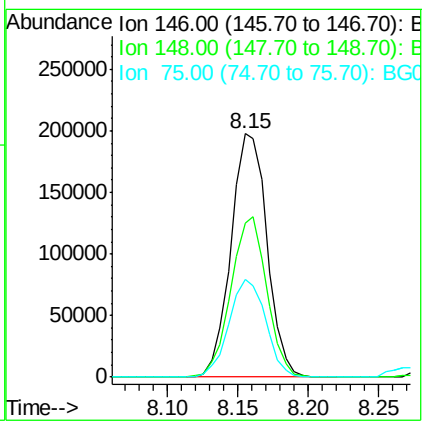


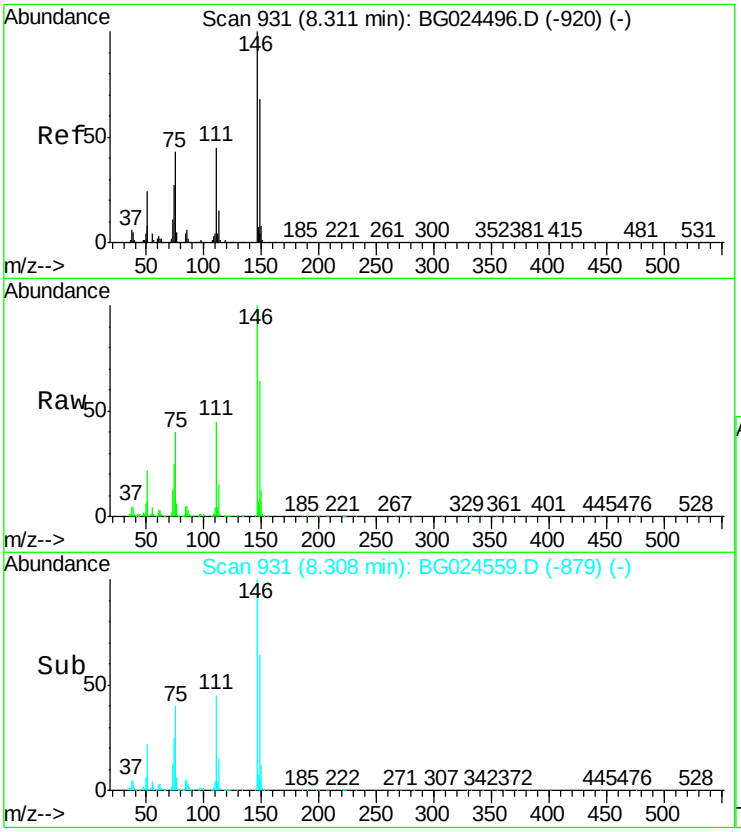




#12
1,3-Dichlorobenzene
Concen: 37.91 ng
RT: 8.15 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:146 Resp: 351900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 49.2 | 73.8 |
| 75 | 40.1 | 33.4 | 50.2 |



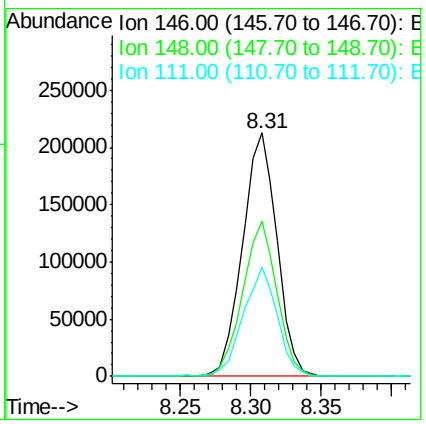


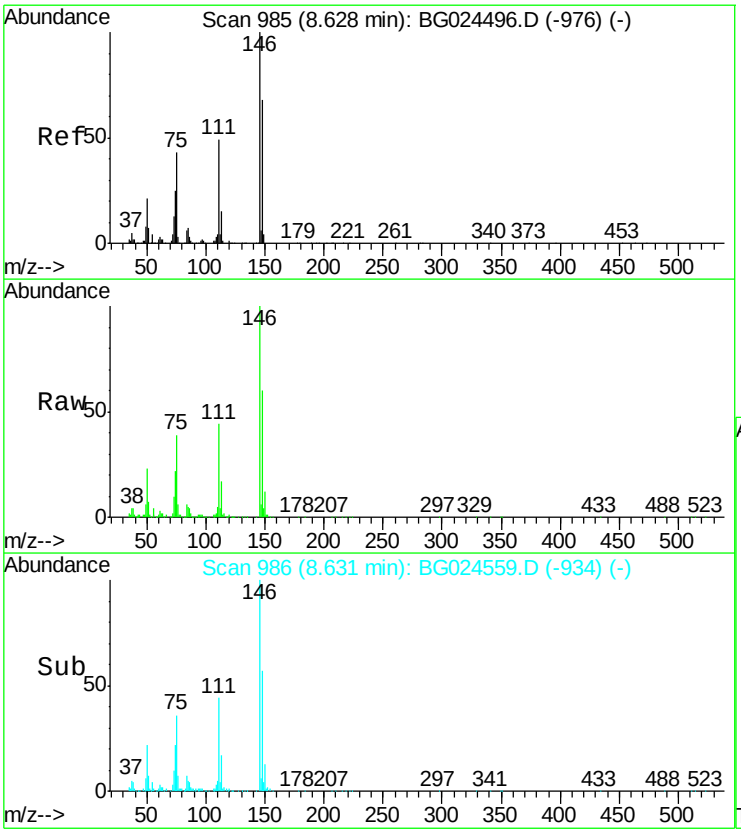

#13
1,4-Dichlorobenzene
Concen: 39.63 ng
RT: 8.31 min Scan# 931
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:146 Resp: 363353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 52.2 | 78.2 |
| 111 | 45.0 | 37.0 | 55.6 |

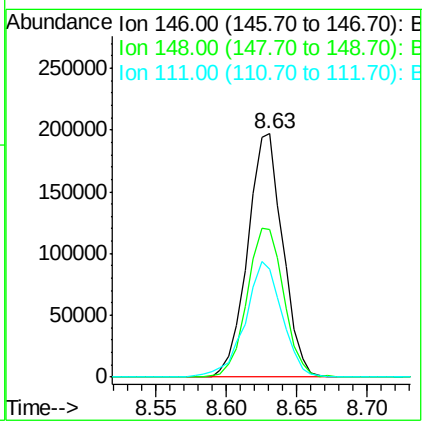


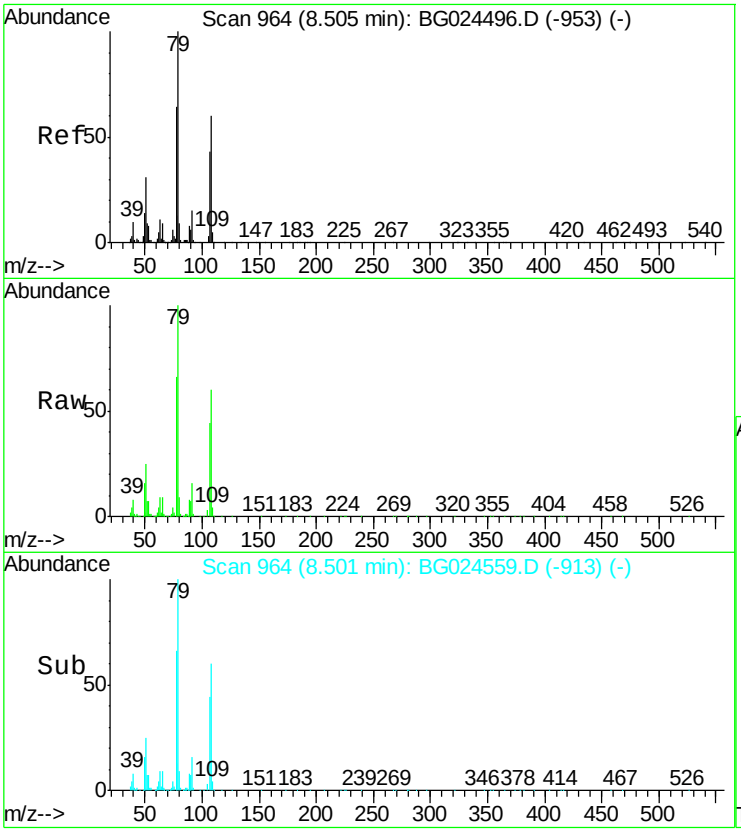




#14
1,2-Dichlorobenzene
Concen: 39.14 ng
RT: 8.63 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:146 Resp: 345003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 60.4 | 54.6 | 81.8 |
| 111 | 44.1 | 39.7 | 59.5 |



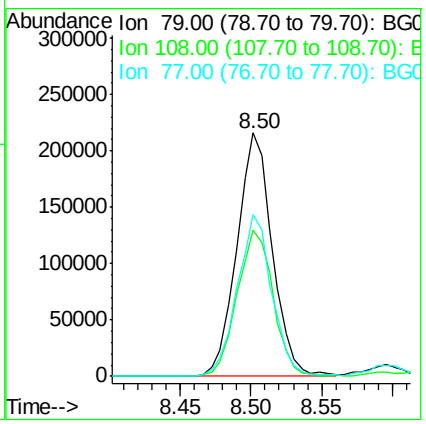


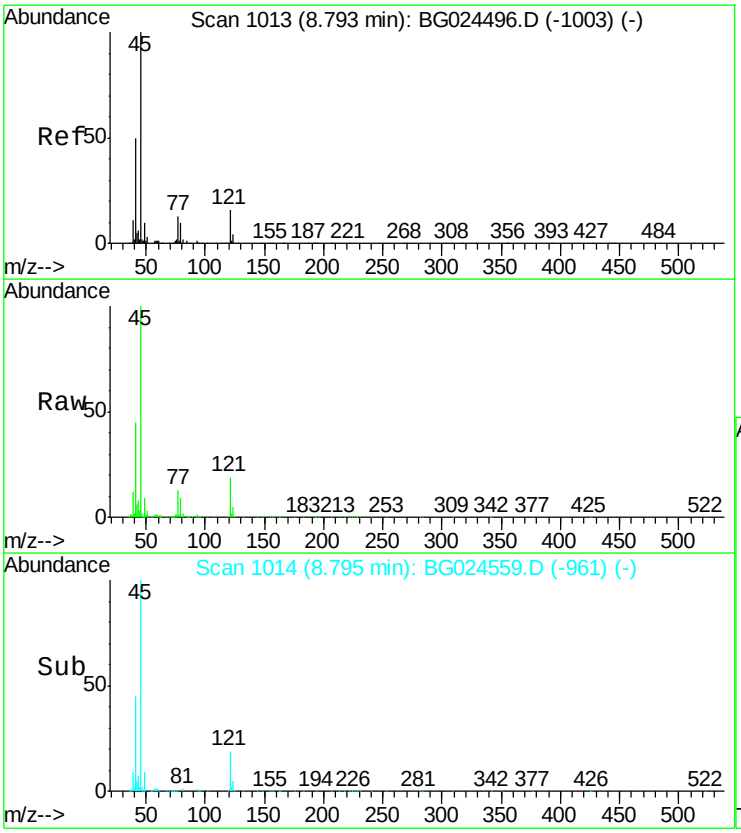

#15
Benzyl Alcohol
Concen: 40.10 ng
RT: 8.50 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion: 79 Resp: 377326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 60.4 | 45.5 | 68.3 |
| 77 | 66.4 | 54.3 | 81.5 |

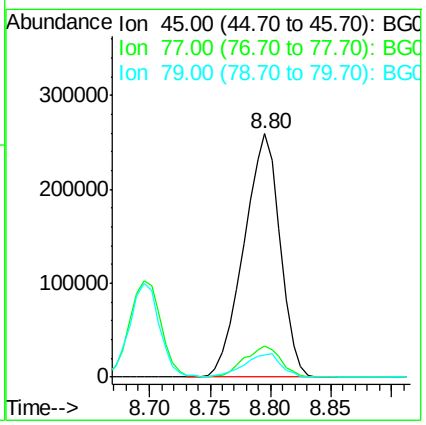


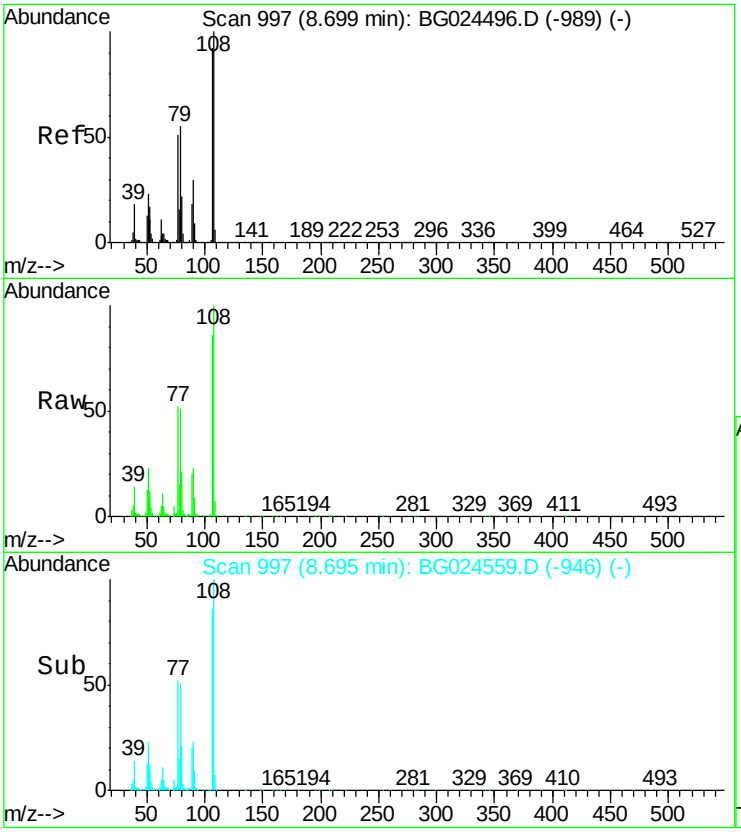




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.02 ng
RT: 8.80 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion: 45 Resp: 538078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.0 | 0.0 | 30.6 |
| 79 | 9.2 | 0.0 | 28.5 |



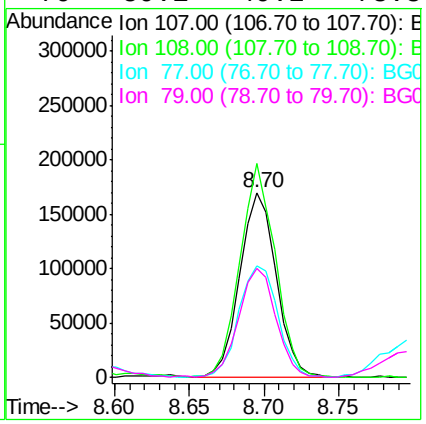


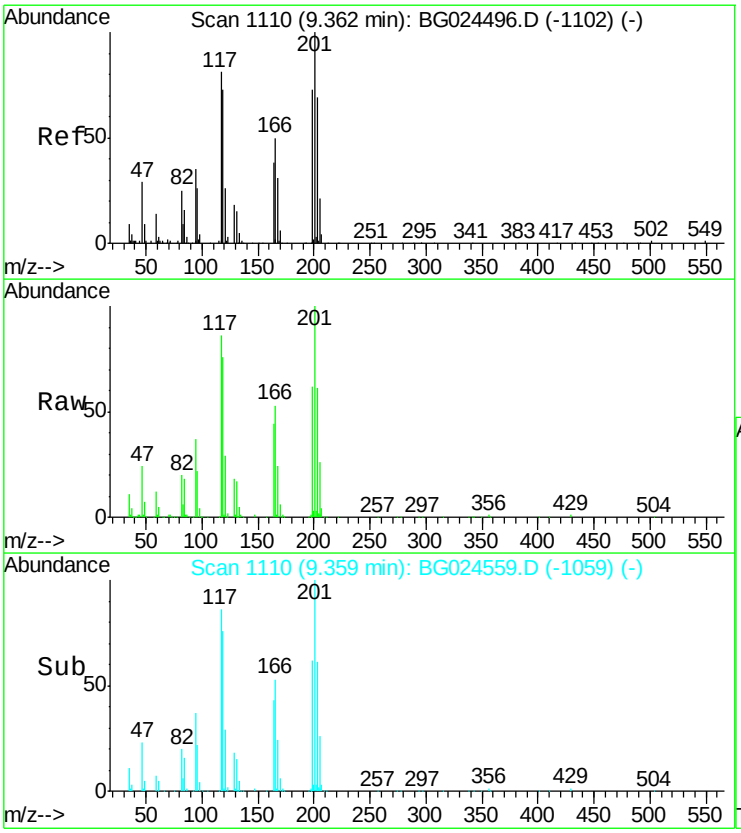

#17
2-Methylphenol
Concen: 41.38 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:107 Resp: 285903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.8 | 85.6 | 128.4 |
| 77 | 60.6 | 51.4 | 77.2 |
| 79 | 59.1 | 49.2 | 73.8 |

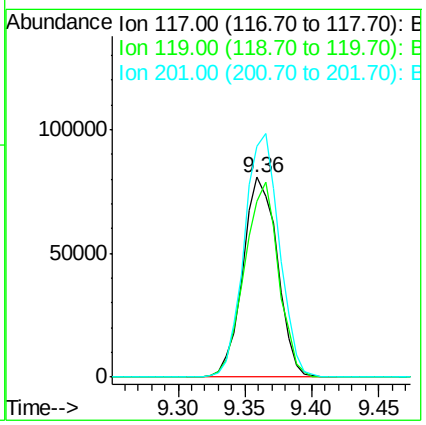


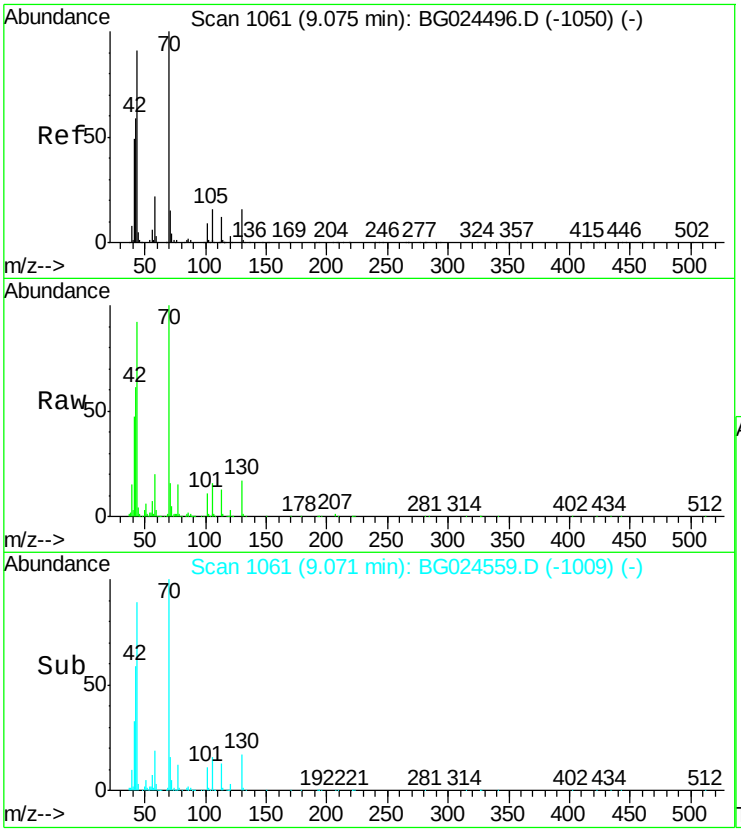




#18
Hexachloroethane
Concen: 40.76 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:117 Resp: 143657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 88.1 | 69.8 | 104.6 |
| 201 | 115.7 | 95.4 | 143.0 |



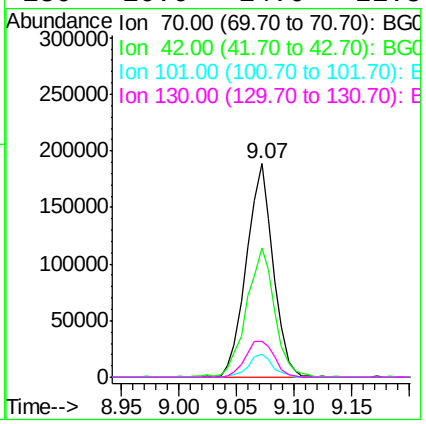


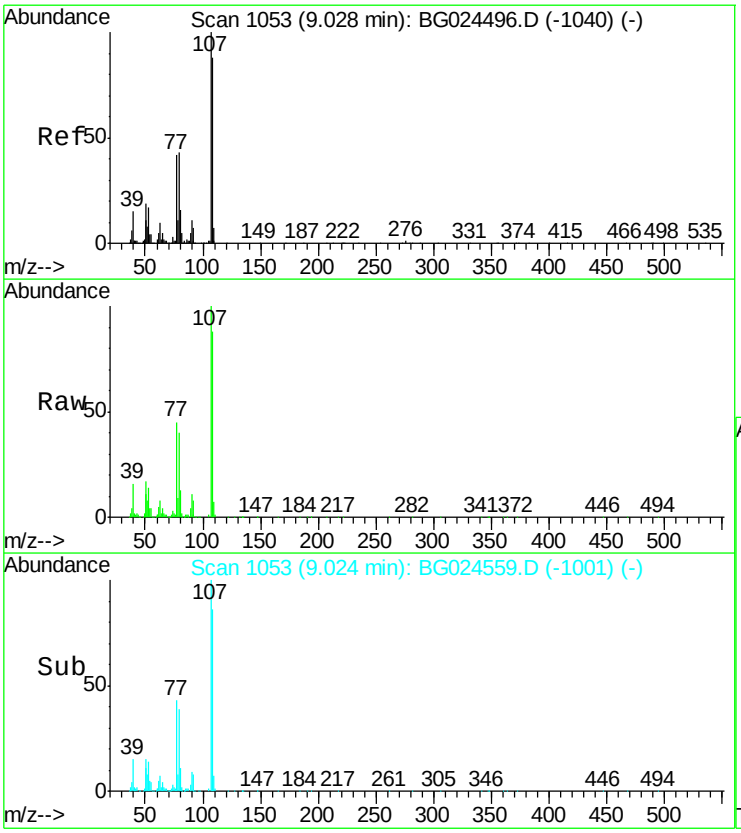

#19
n-Nitroso-di-n-propylamine
Concen: 40.69 ng
RT: 9.07 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion: 70 Resp: 303391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 60.6 | 56.1 | 84.1 |
| 101 | 10.7 | 7.5 | 11.3 |
| 130 | 16.6 | 14.6 | 21.8 |

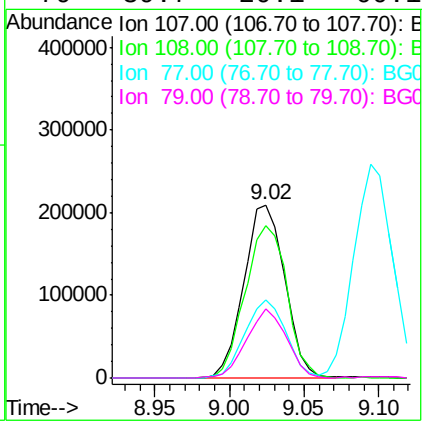


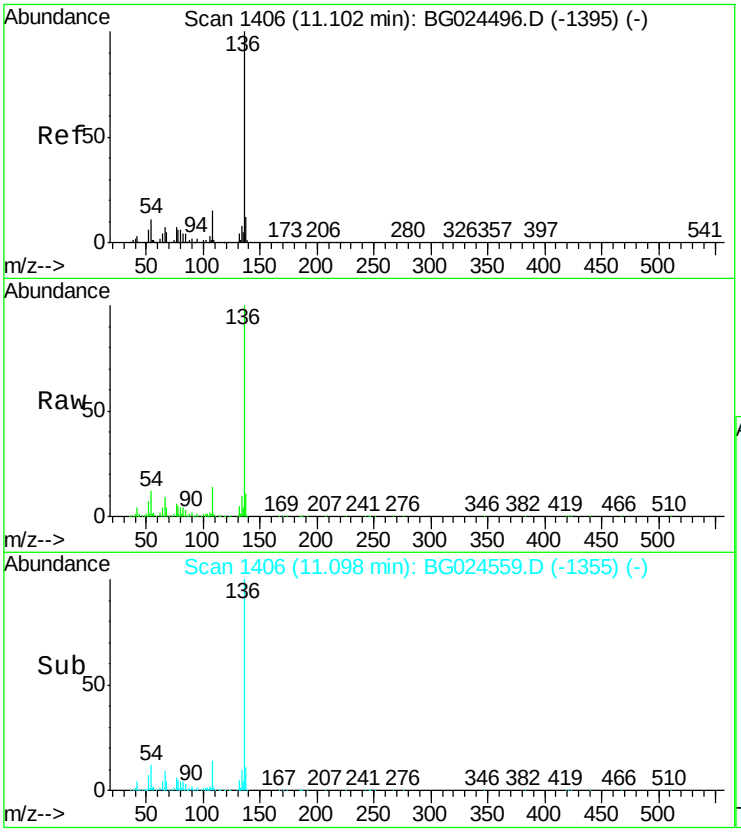




#20
3+4-Methylphenols
Concen: 42.74 ng
RT: 9.02 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:107 Resp: 396535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.2 | 70.8 | 110.8 |
| 77 | 45.3 | 25.8 | 65.8 |
| 79 | 39.7 | 20.1 | 60.1 |



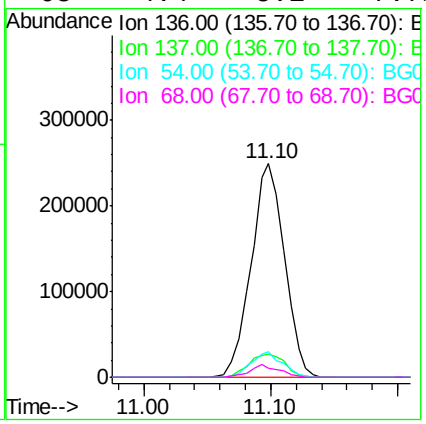


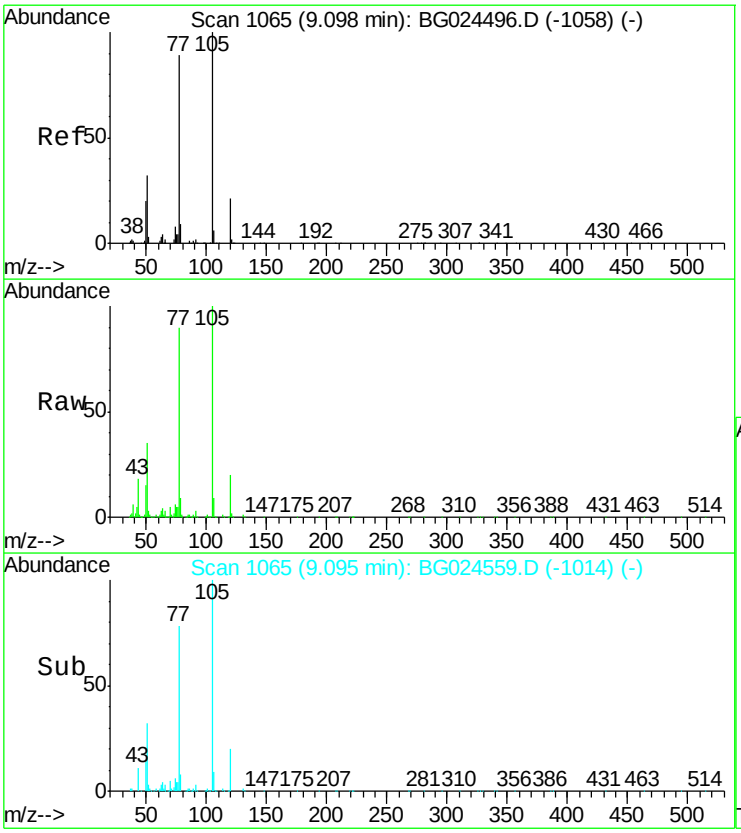

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:136 Resp: 457891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.9 | 13.3 |
| 54 | 12.2 | 9.3 | 13.9 |
| 68 | 4.4 | 5.1 | 7.7# |

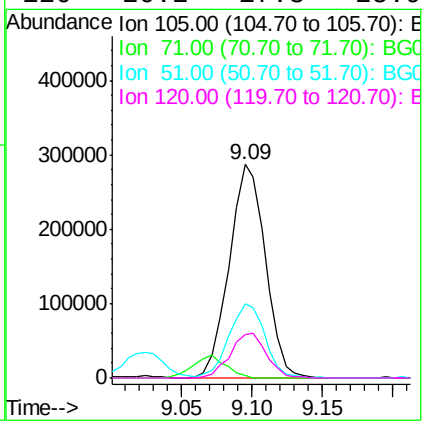


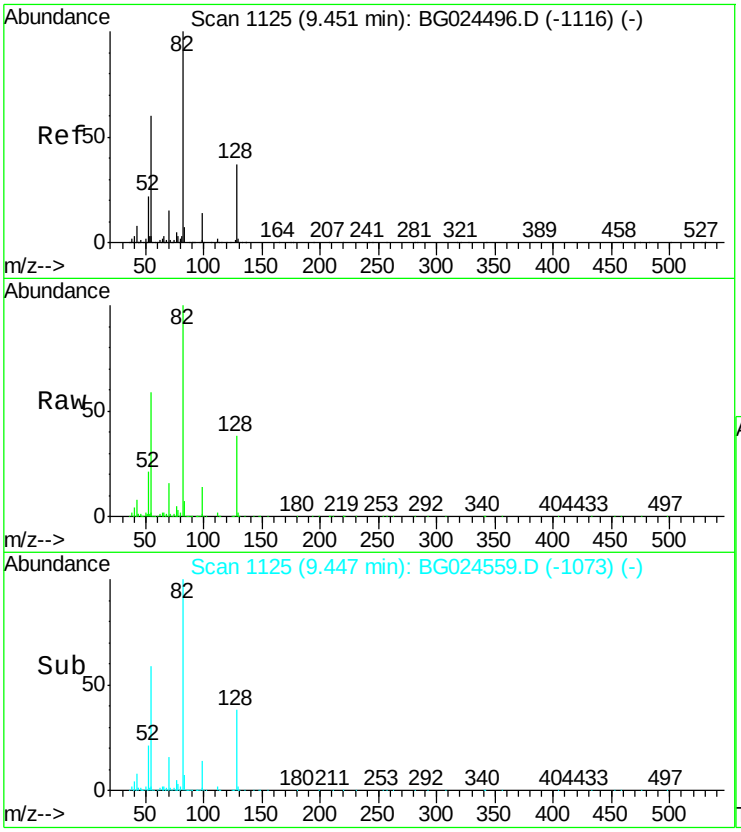




#22
Acetophenone
Concen: 43.49 ng
RT: 9.09 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:105 Resp: 511569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.0 | 0.9 | 1.3 |
| 51 | 34.8 | 34.0 | 51.0 |
| 120 | 20.2 | 17.3 | 25.9 |



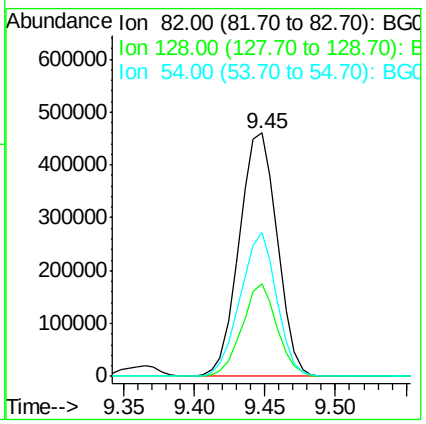


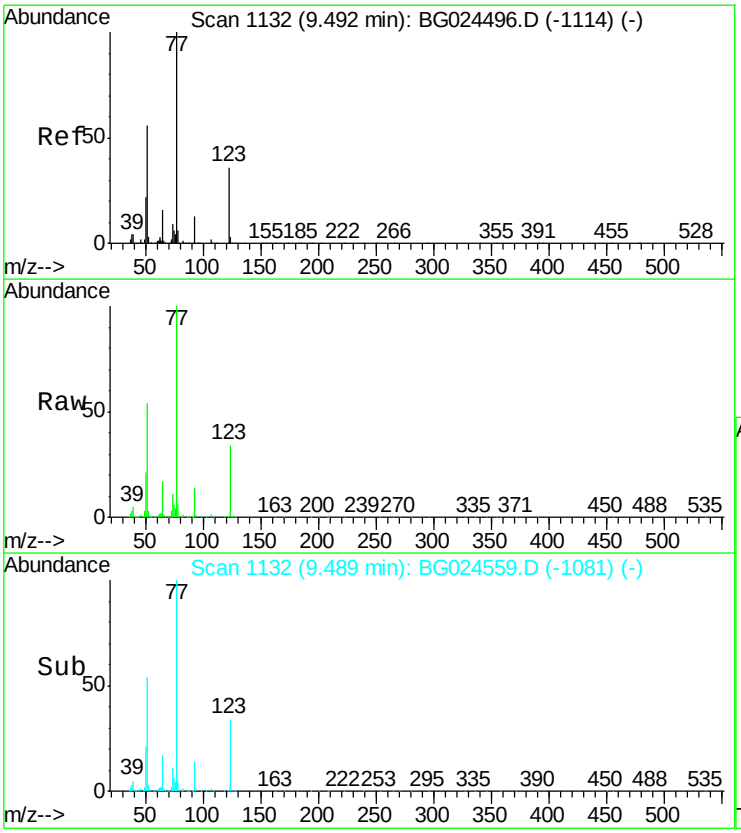

#23
Nitrobenzene-d5
Concen: 86.55 ng
RT: 9.45 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion: 82 Resp: 870422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.9 | 26.4 | 39.6 |
| 54 | 59.0 | 49.4 | 74.2 |

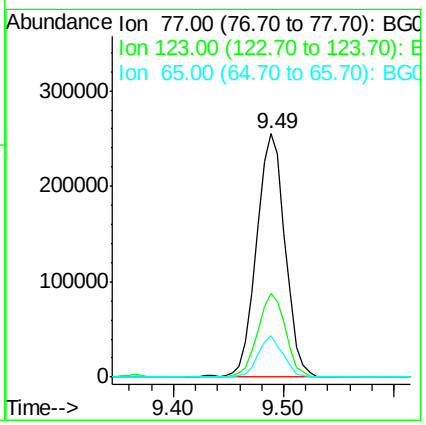


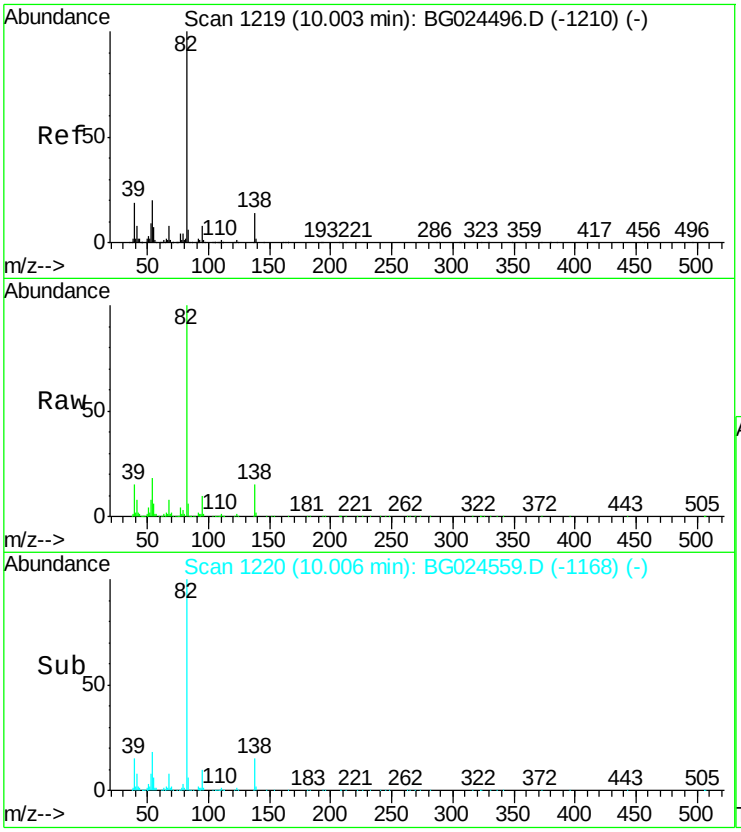




#24
Nitrobenzene
Concen: 41.33 ng
RT: 9.49 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion: 77 Resp: 462450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 34.1 | 26.1 | 39.1 |
| 65 | 17.2 | 12.4 | 18.6 |



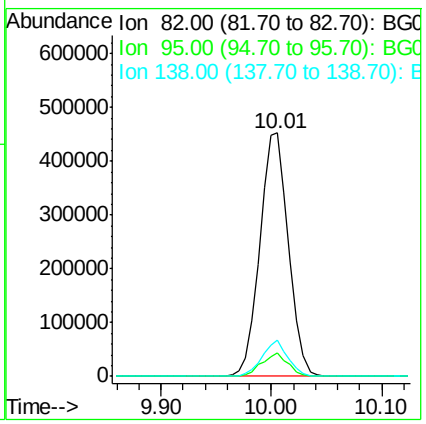


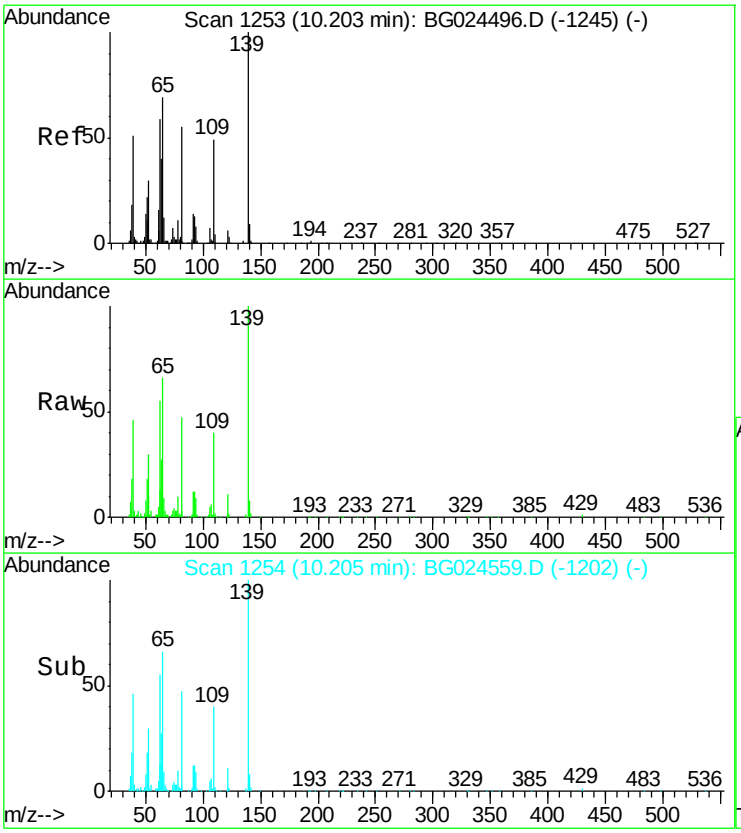

#25
Isophorone
Concen: 43.72 ng
RT: 10.01 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion: 82 Resp: 817914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 9.7 | 7.5 | 11.3 |
| 138 | 14.7 | 12.3 | 18.5 |

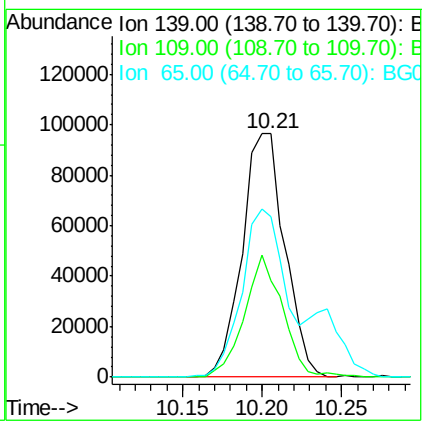


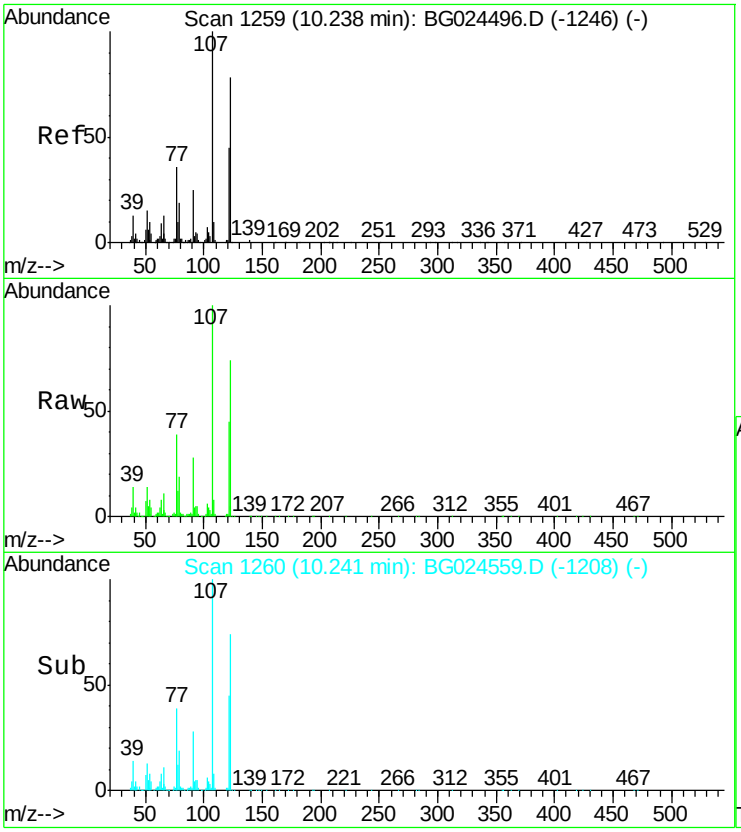




#26
2-Nitrophenol
Concen: 43.41 ng
RT: 10.21 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:139 Resp: 180277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 39.5 | 38.6 | 58.0 |
| 65 | 65.8 | 57.1 | 85.7 |



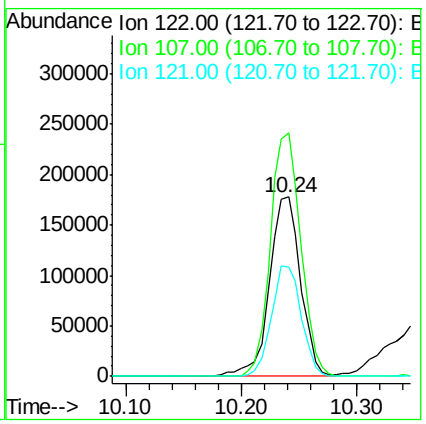


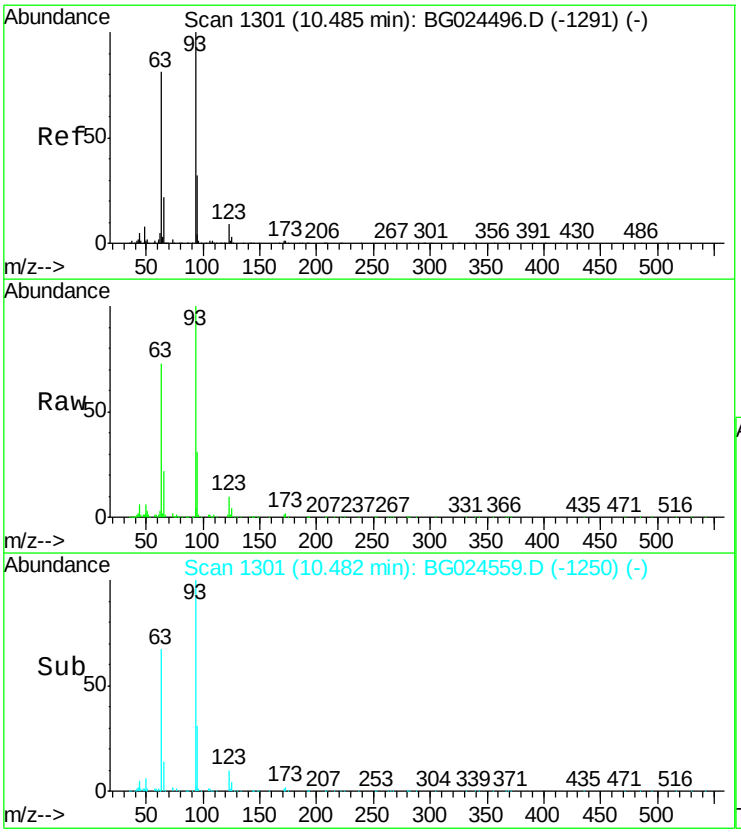

#27
2,4-Dimethylphenol
Concen: 45.97 ng
RT: 10.24 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:122 Resp: 334199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 135.9 | 104.2 | 156.4 |
| 121 | 60.8 | 46.0 | 69.0 |

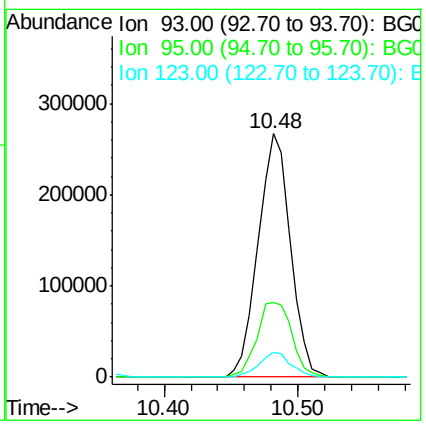


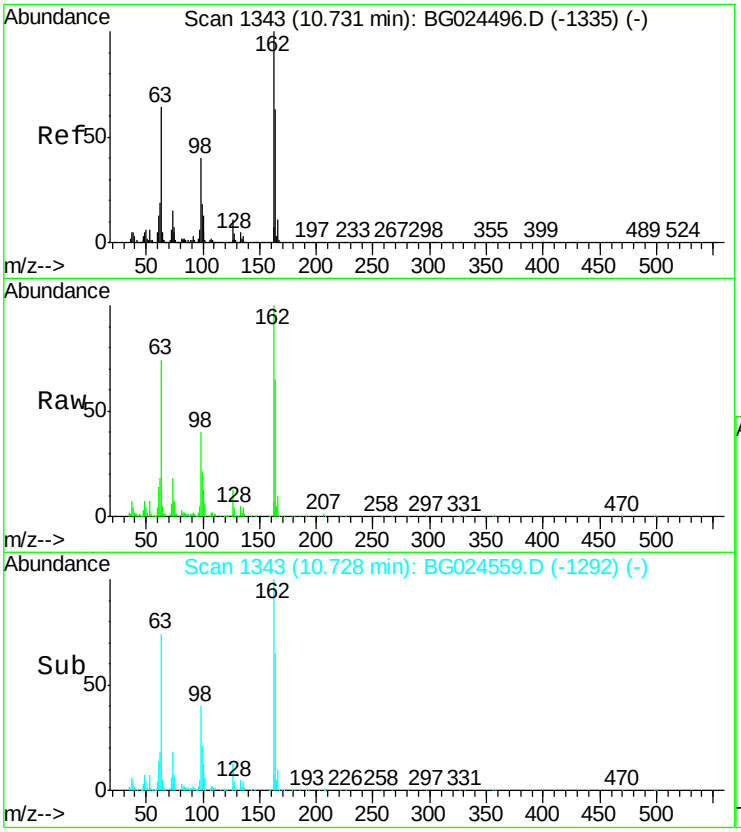




#28
bis(2-Chloroethoxy)methane
Concen: 46.09 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion: 93 Resp: 446110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 30.8 | 25.7 | 38.5 |
| 123 | 10.2 | 8.3 | 12.5 |



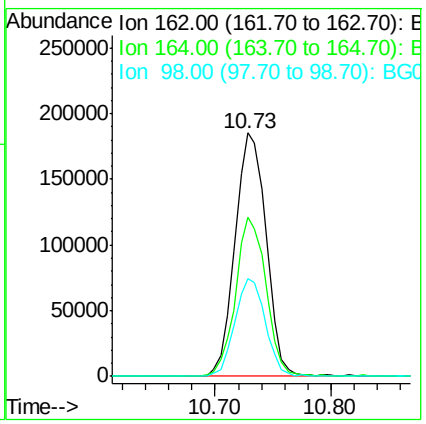


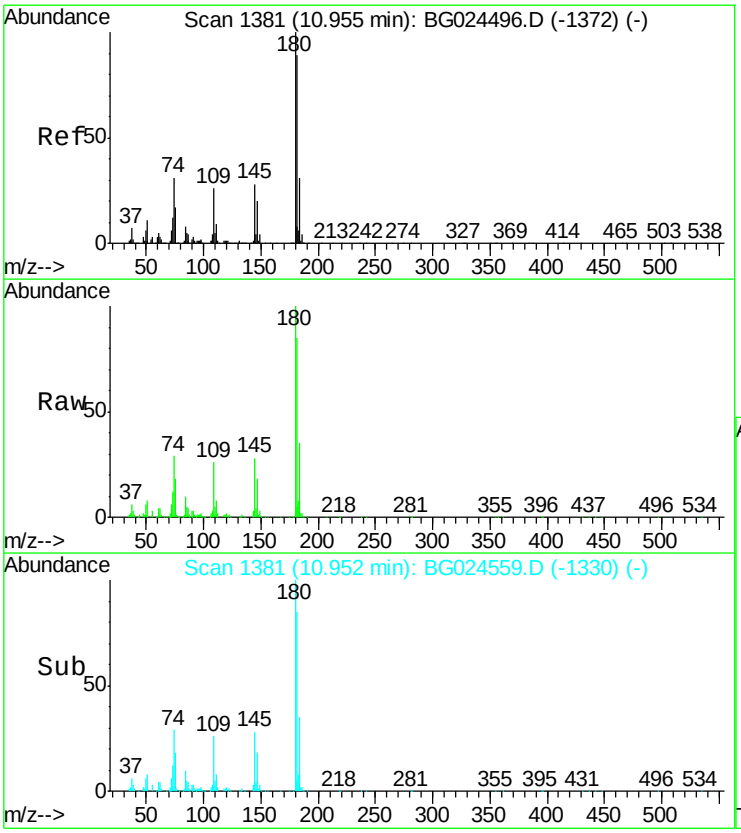

#29
2,4-Dichlorophenol
Concen: 45.45 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:162 Resp: 346774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.4 | 42.4 | 82.4 |
| 98 | 40.1 | 20.3 | 60.3 |

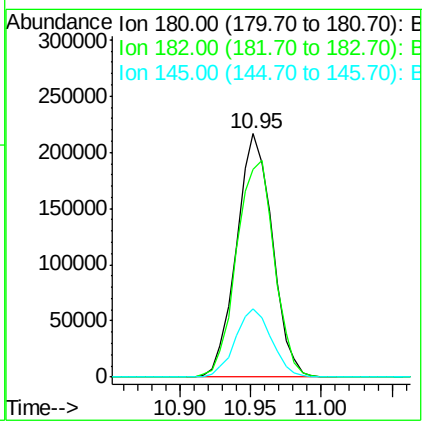


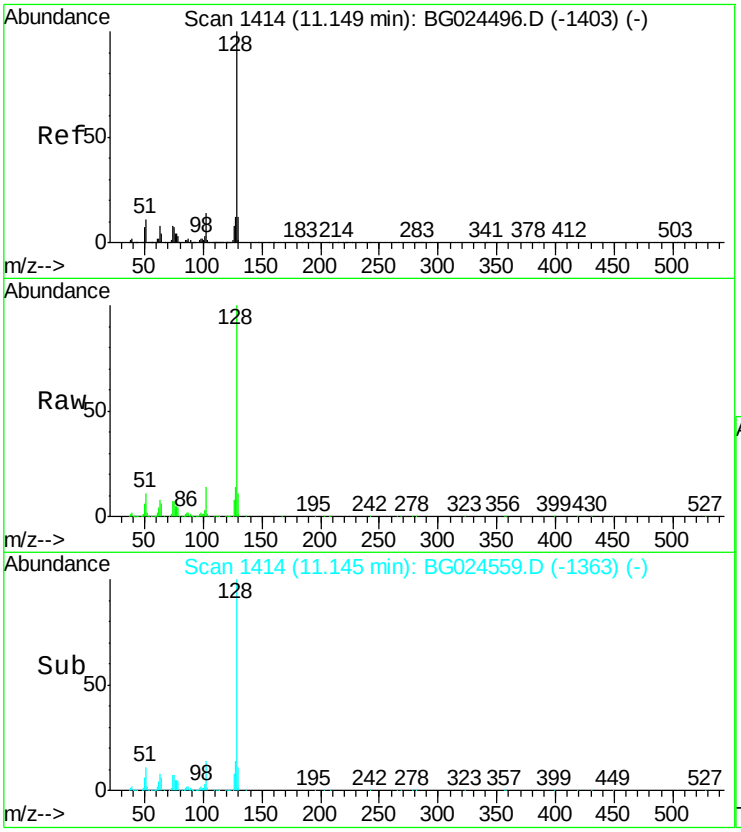




#30
1,2,4-Trichlorobenzene
Concen: 42.57 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:180 Resp: 385365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 85.4 | 77.0 | 115.4 |
| 145 | 28.0 | 23.4 | 35.0 |



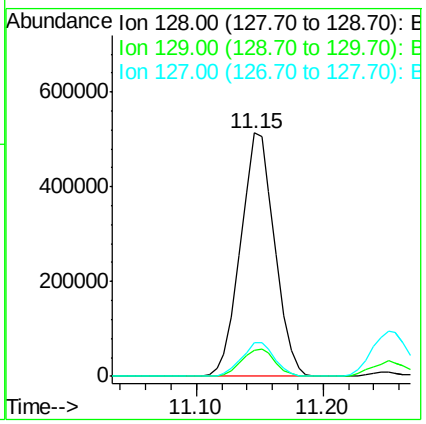


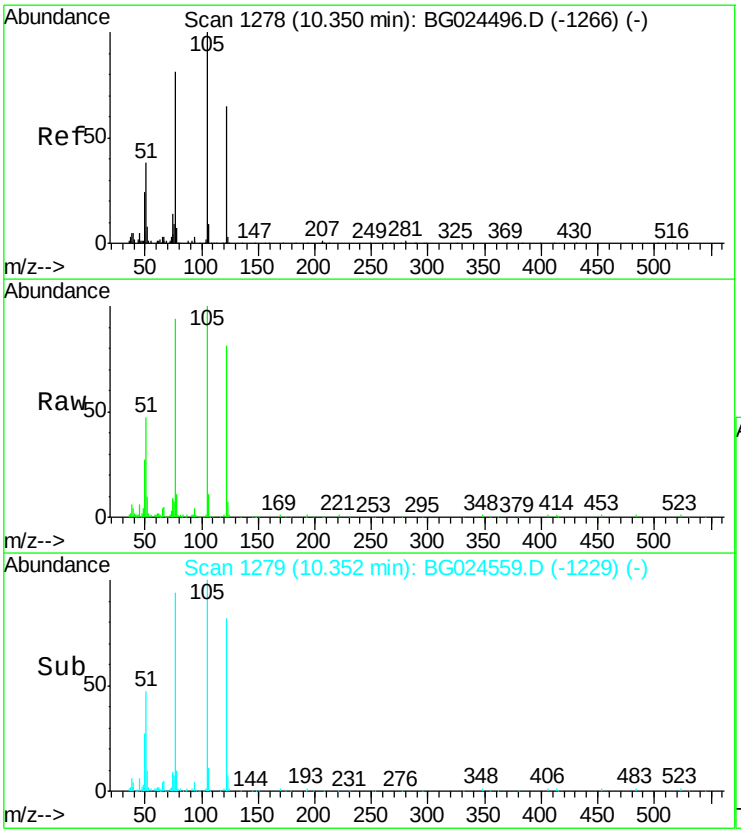

#31
Naphthalene
Concen: 41.74 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:128 Resp: 953451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.3 | 13.9 |
| 127 | 13.9 | 11.4 | 17.0 |

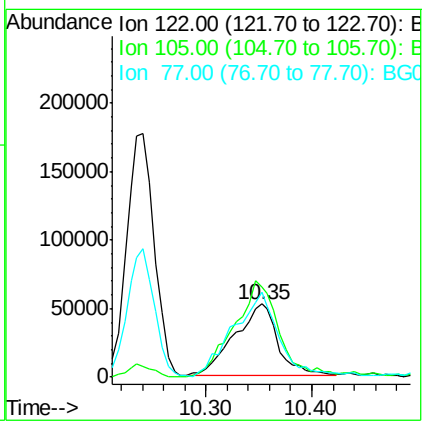


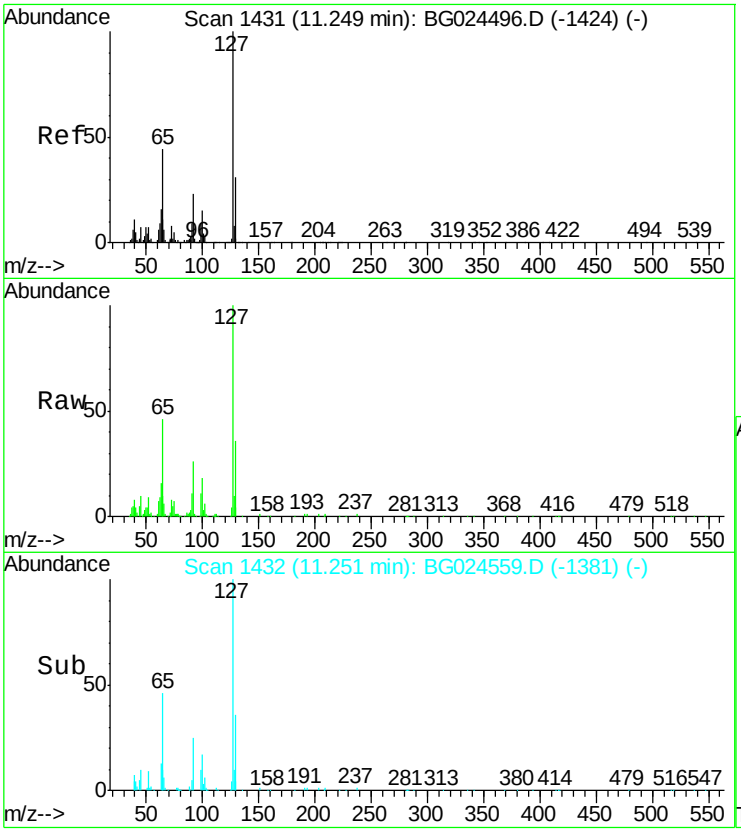




#32
Benzoic acid
Concen: 24.89 ng
RT: 10.35 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:122 Resp: 150696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.0 | 120.1 | 160.1 |
| 77 | 115.6 | 104.6 | 144.6 |



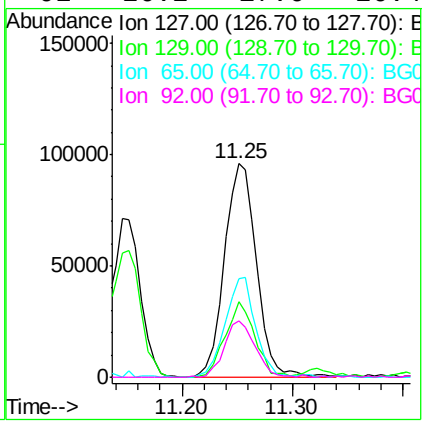


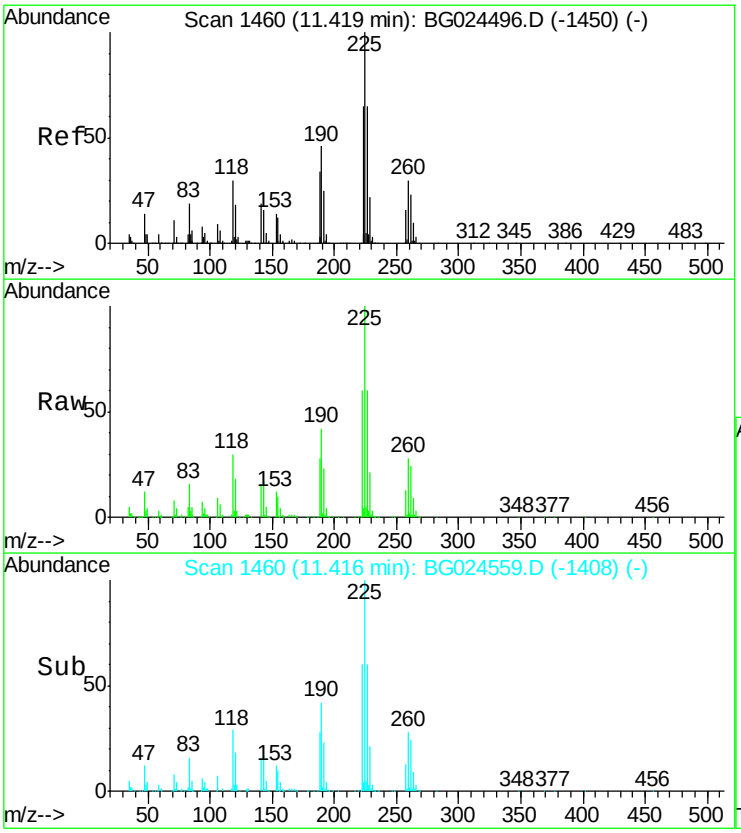

#33
4-Chloroaniline
Concen: 19.65 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:127 Resp: 194822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 35.5 | 23.6 | 35.4# |
| 65 | 46.0 | 37.7 | 56.5 |
| 92 | 26.2 | 17.6 | 26.4 |

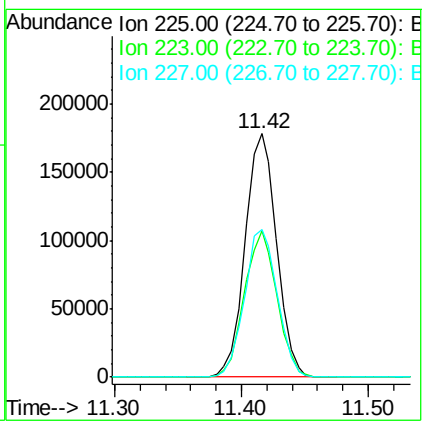


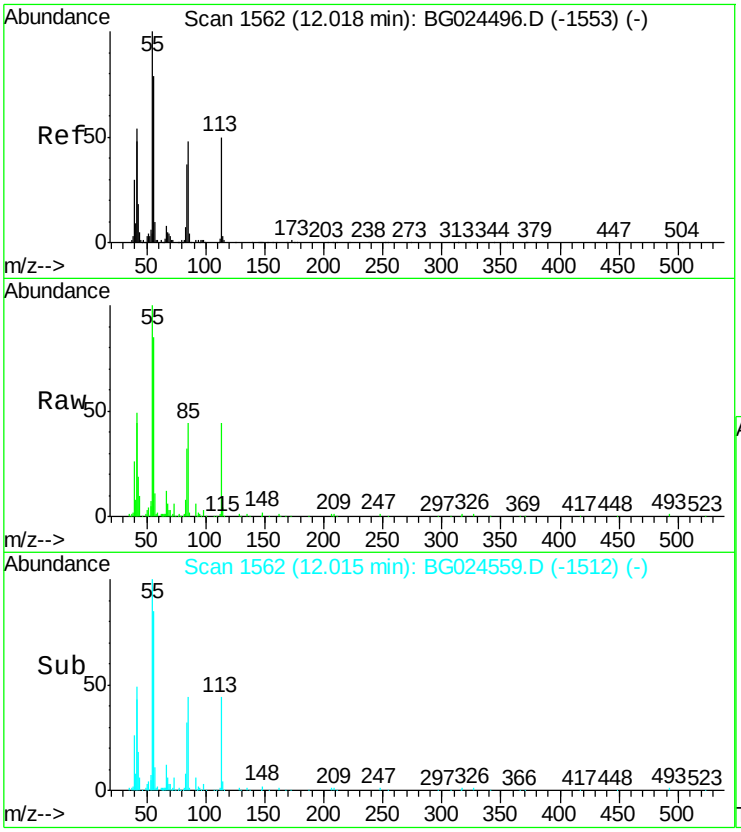




#34
Hexachlorobutadiene
Concen: 43.45 ng
RT: 11.42 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:225 Resp: 307778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.3 | 50.7 | 76.1 |
| 227 | 60.4 | 49.0 | 73.6 |



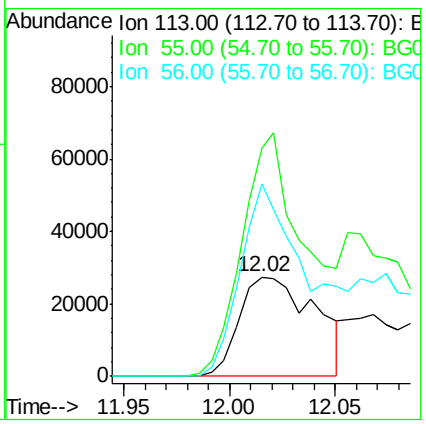


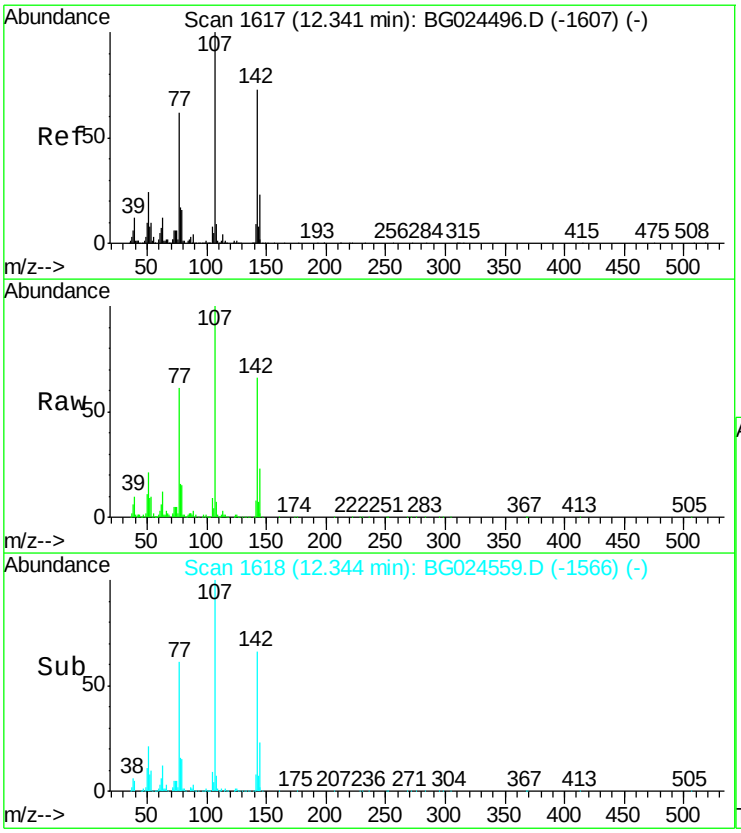

#35
Caprolactam
Concen: 24.46 ng
RT: 12.02 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:113 Resp: 68319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 229.8 | 198.6 | 238.6 |
| 56 | 194.3 | 140.4 | 180.4# |

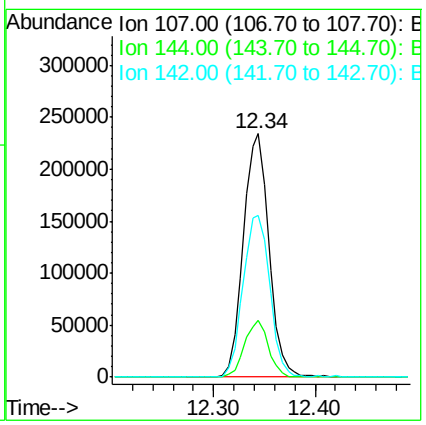


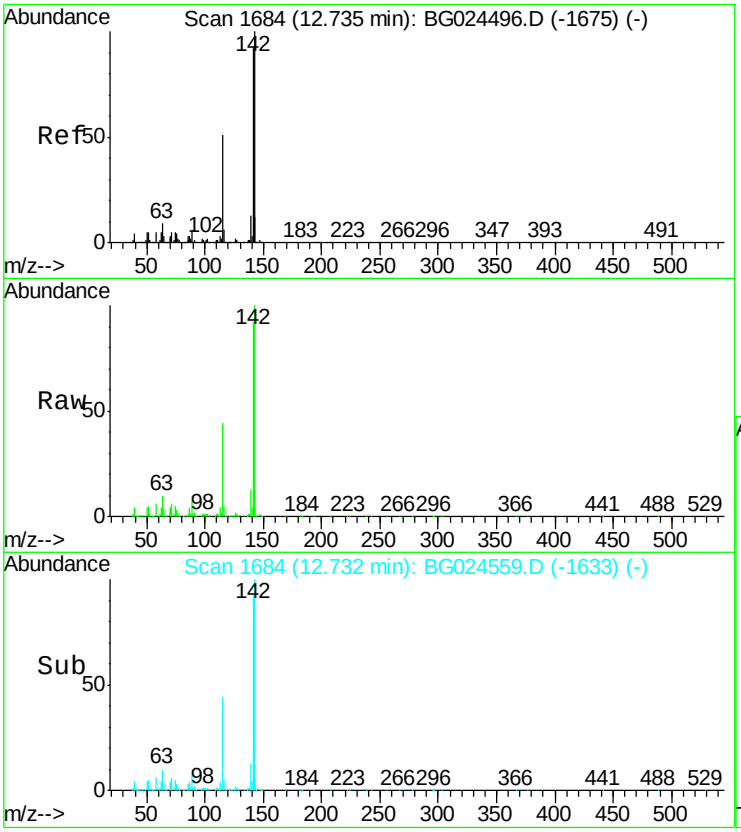




#36
4-Chloro-3-methylphenol
Concen: 44.40 ng
RT: 12.34 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:107 Resp: 408954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.1 | 17.4 | 26.0 |
| 142 | 66.3 | 54.1 | 81.1 |



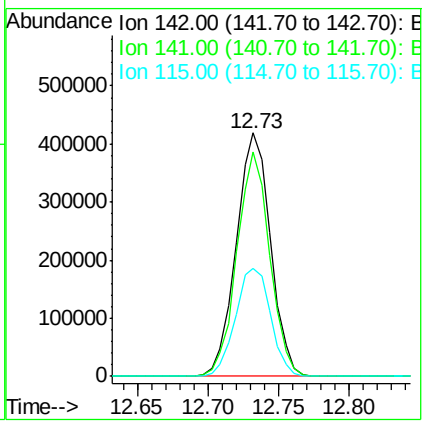


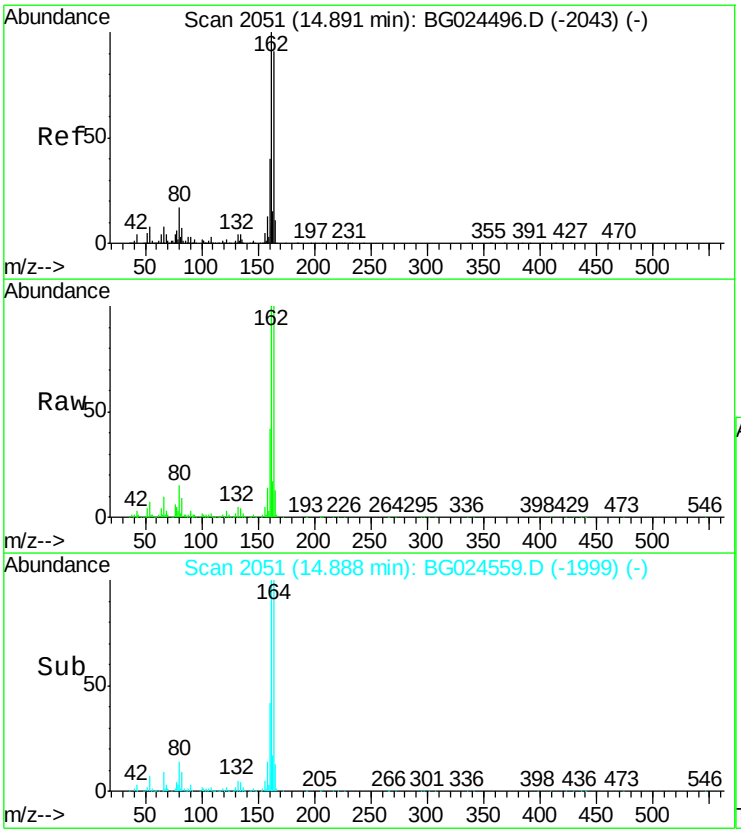

#37
2-Methylnaphthalene
Concen: 42.55 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:142 Resp: 709091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.3 | 70.4 | 105.6 |
| 115 | 44.4 | 35.5 | 53.3 |

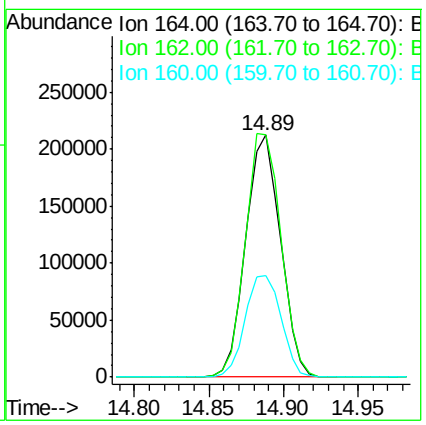


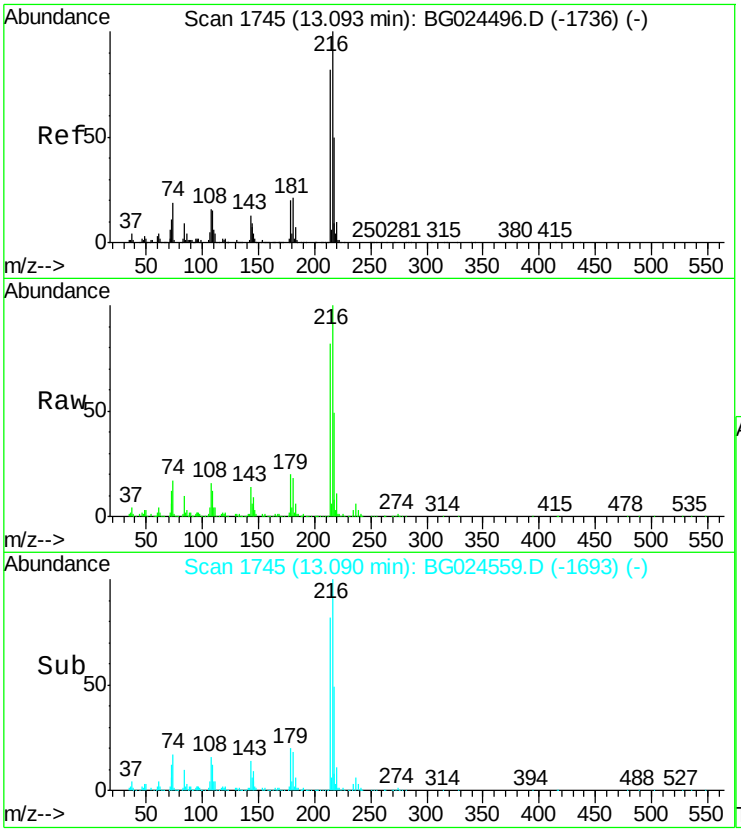




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:164 Resp: 341308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.1 | 85.1 | 127.7 |
| 160 | 41.8 | 34.7 | 52.1 |



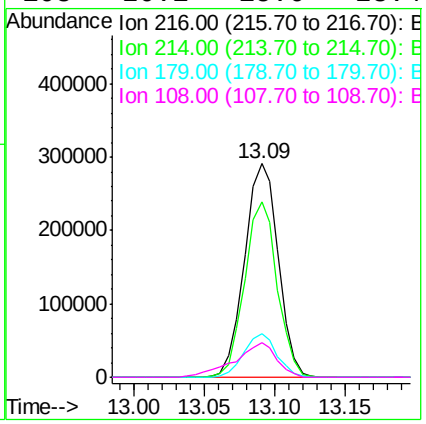


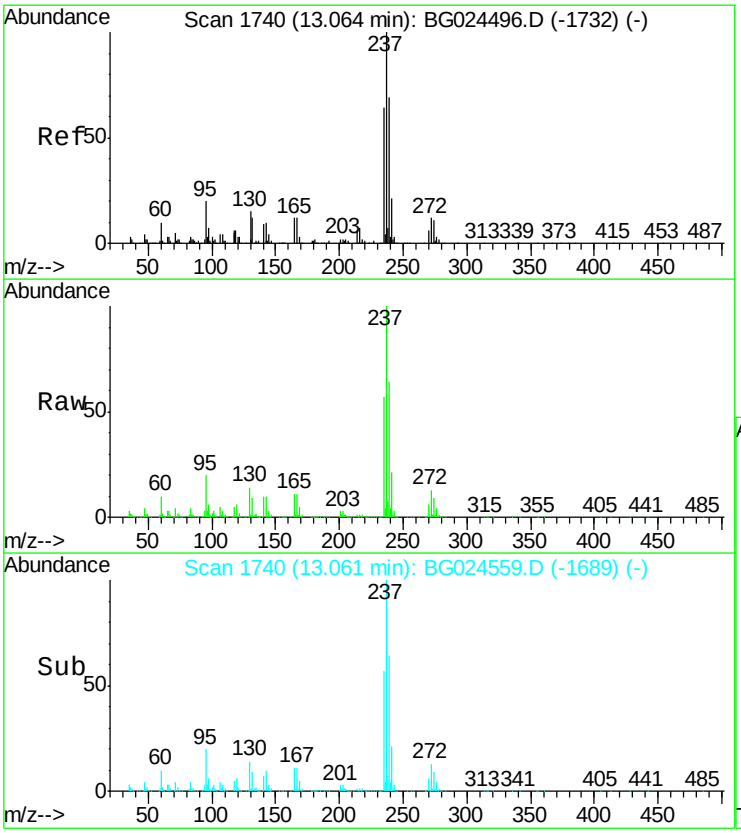

#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.34 ng
RT: 13.09 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:216 Resp: 487395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.5 | 64.4 | 96.6 |
| 179 | 20.2 | 17.4 | 26.0 |
| 108 | 20.1 | 15.6 | 23.4 |

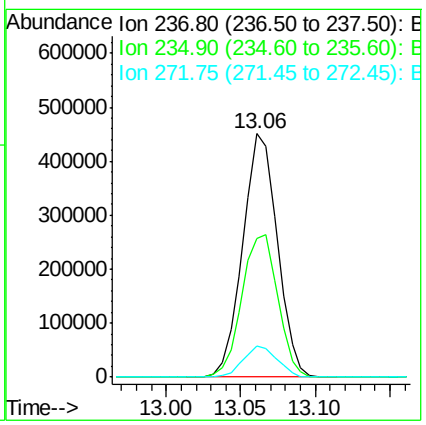


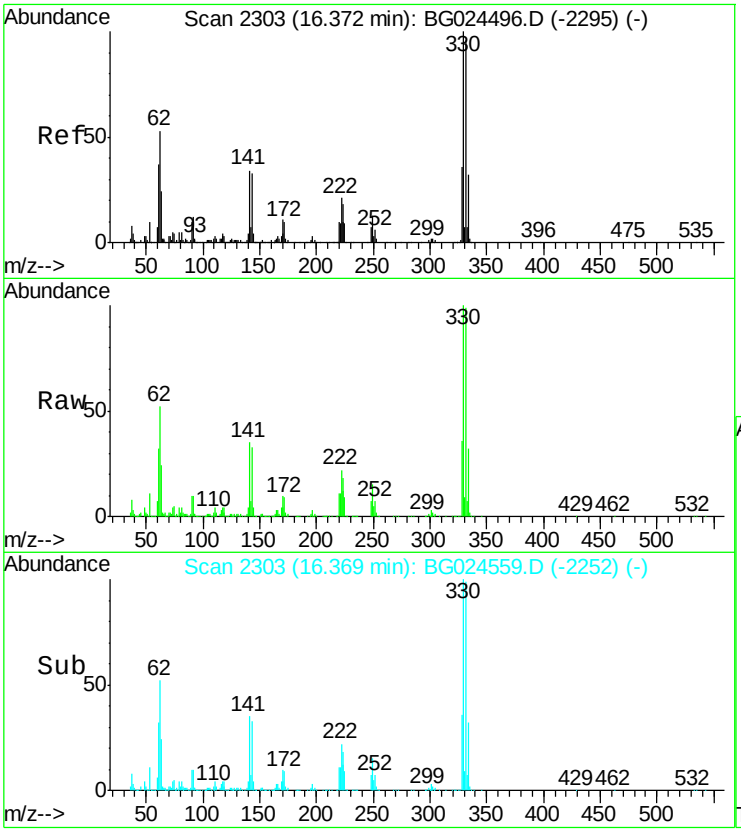




#40
Hexachlorocyclopentadiene
Concen: 111.30 ng
RT: 13.06 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:237 Resp: 721537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 57.1 | 39.4 | 79.4 |
| 272 | 12.9 | 0.0 | 32.0 |



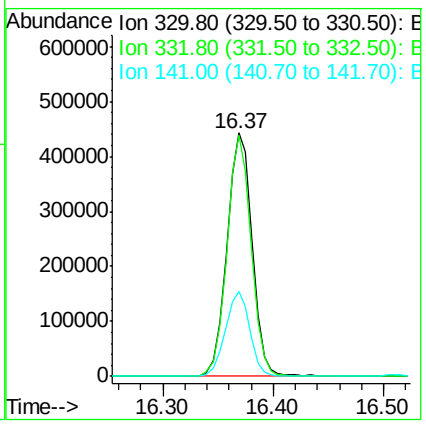


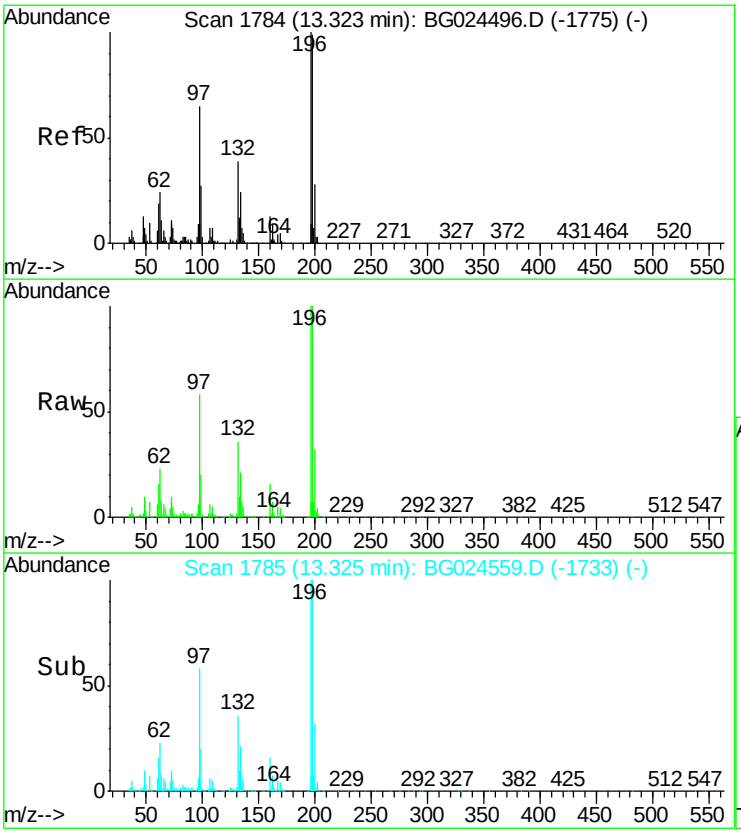

#41
2,4,6-Tribromophenol
Concen: 138.46 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:330 Resp: 706027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.7 | 77.3 | 115.9 |
| 141 | 33.6 | 32.1 | 48.1 |

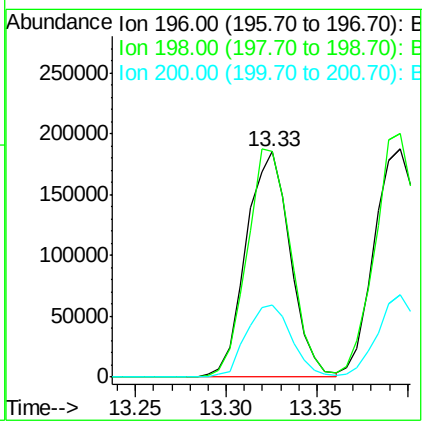


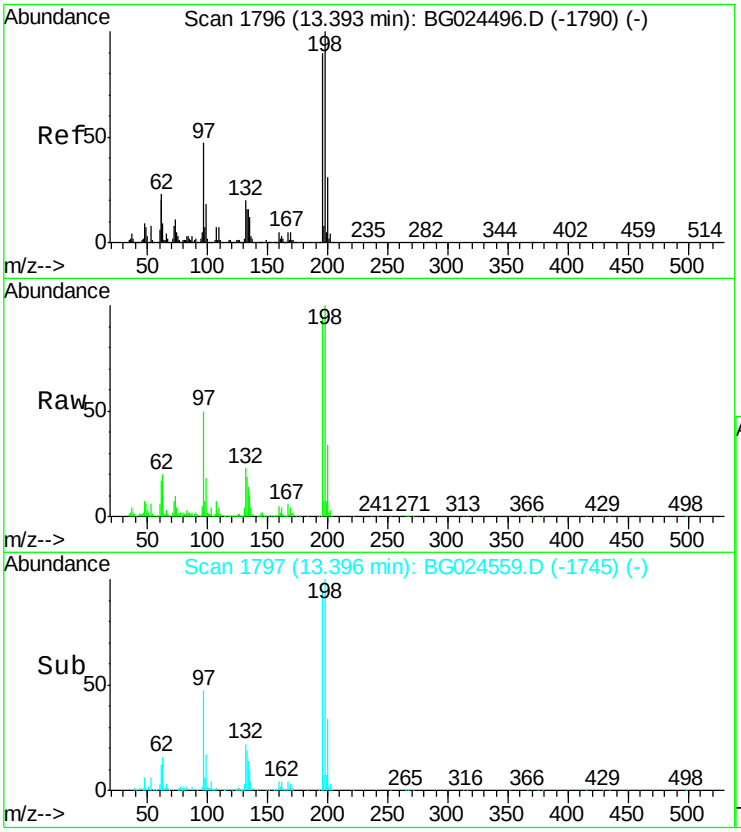




#42
2,4,6-Trichlorophenol
Concen: 45.22 ng
RT: 13.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:196 Resp: 312912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.2 | 81.4 | 122.2 |
| 200 | 31.9 | 27.0 | 40.6 |



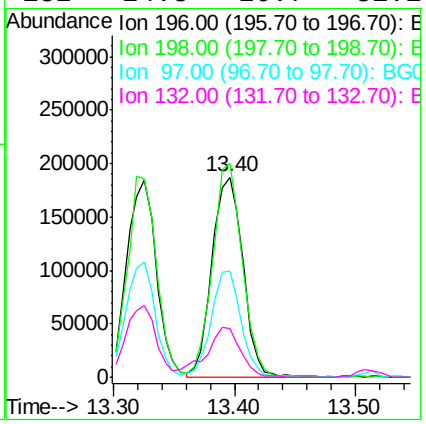


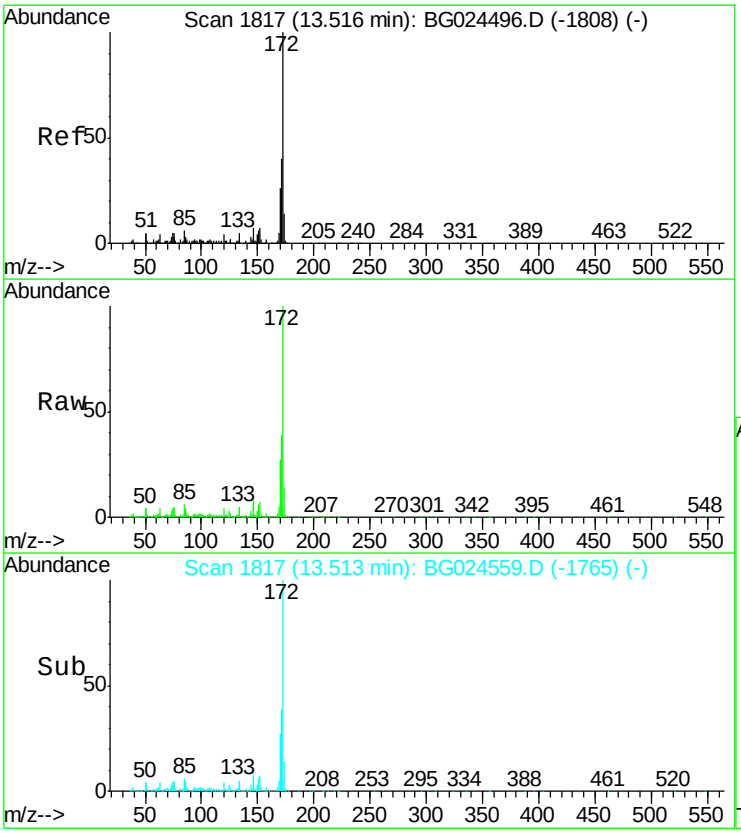

#43
2,4,5-Trichlorophenol
Concen: 44.25 ng
RT: 13.40 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:196 Resp: 331071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 106.6 | 79.9 | 119.9 |
| 97 | 53.2 | 45.4 | 68.0 |
| 132 | 24.3 | 20.7 | 31.1 |

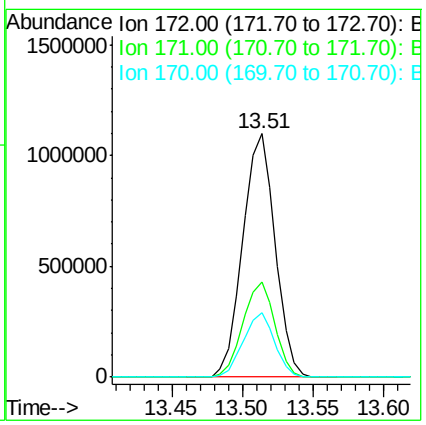


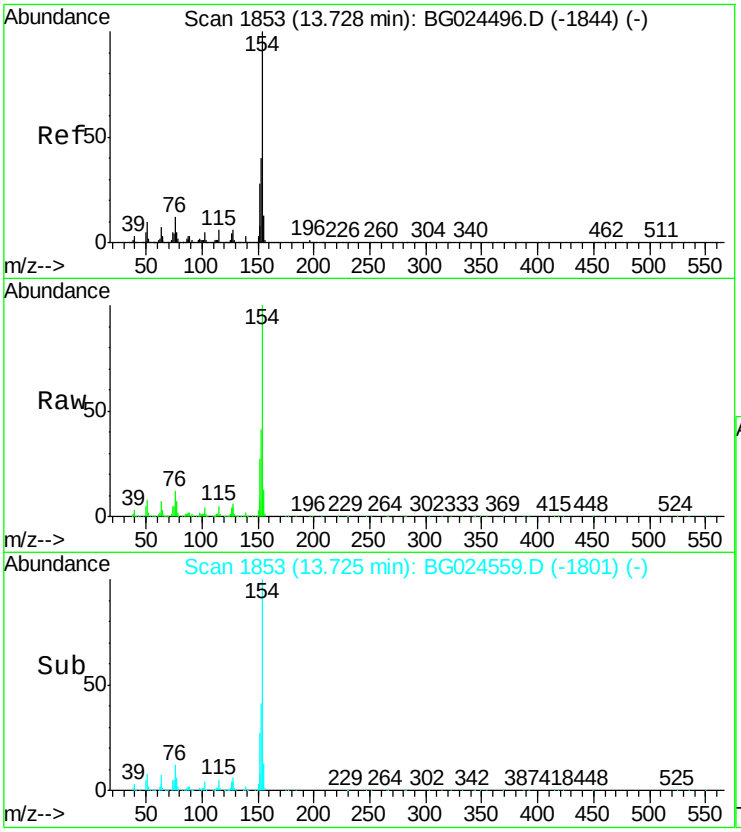




#44
2-Fluorobiphenyl
Concen: 86.15 ng
RT: 13.51 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:172 Resp: 1769143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 39.1 | 32.2 | 48.2 |
| 170 | 26.7 | 21.8 | 32.6 |



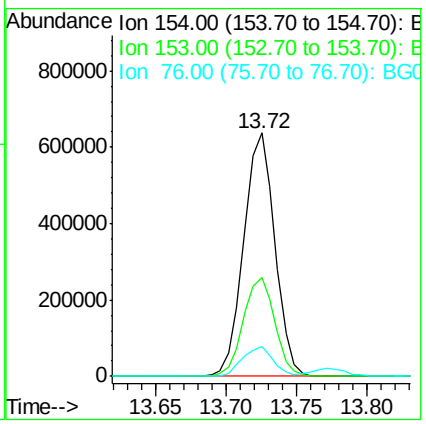


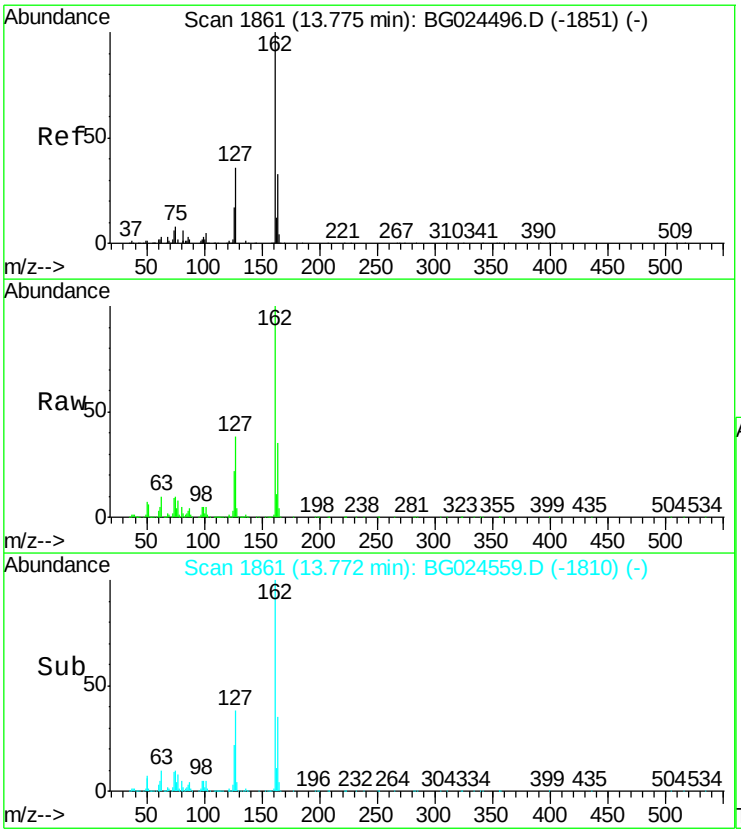

#45
1,1'-Biphenyl
Concen: 41.66 ng
RT: 13.72 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:154 Resp: 986747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.8 | 23.0 | 63.0 |
| 76 | 12.5 | 0.0 | 33.5 |

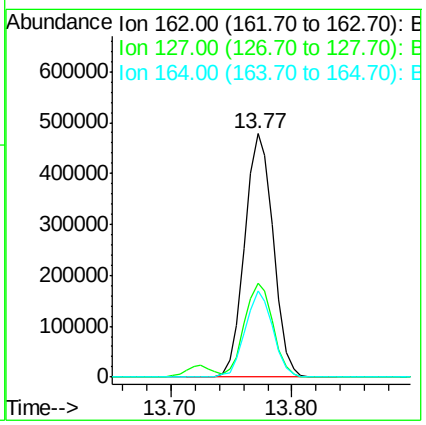


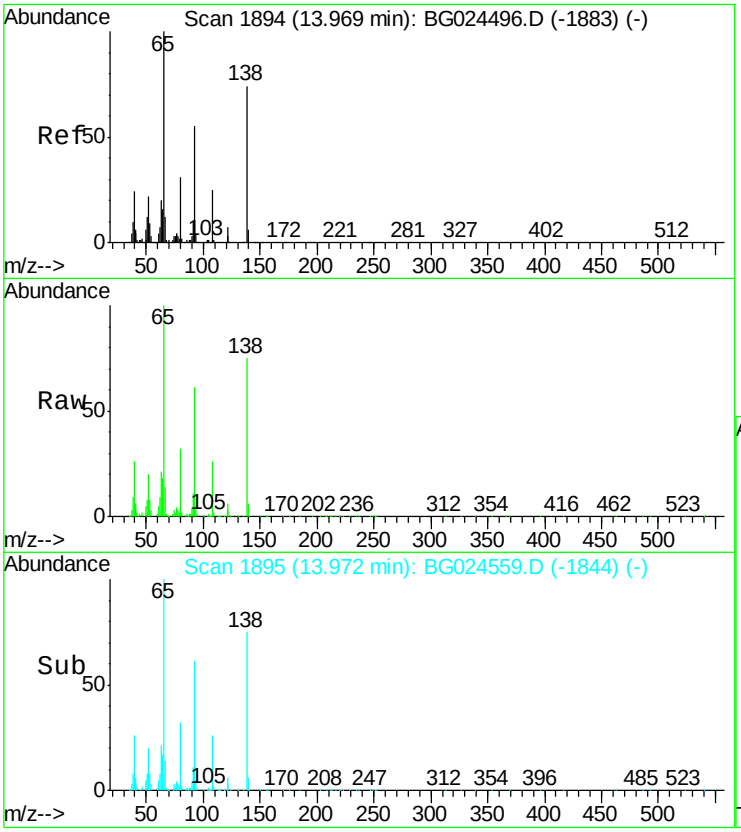




#46
2-Chloronaphthalene
Concen: 43.59 ng
RT: 13.77 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:162 Resp: 786150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.3 | 32.2 | 48.4 |
| 164 | 35.4 | 27.3 | 40.9 |



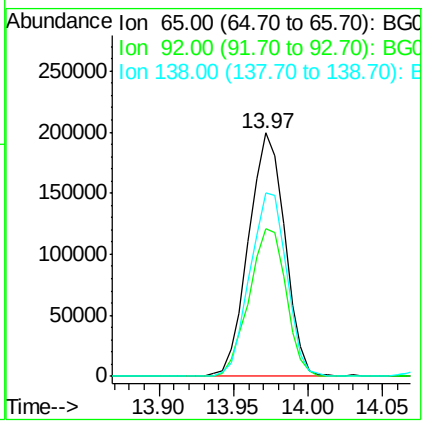


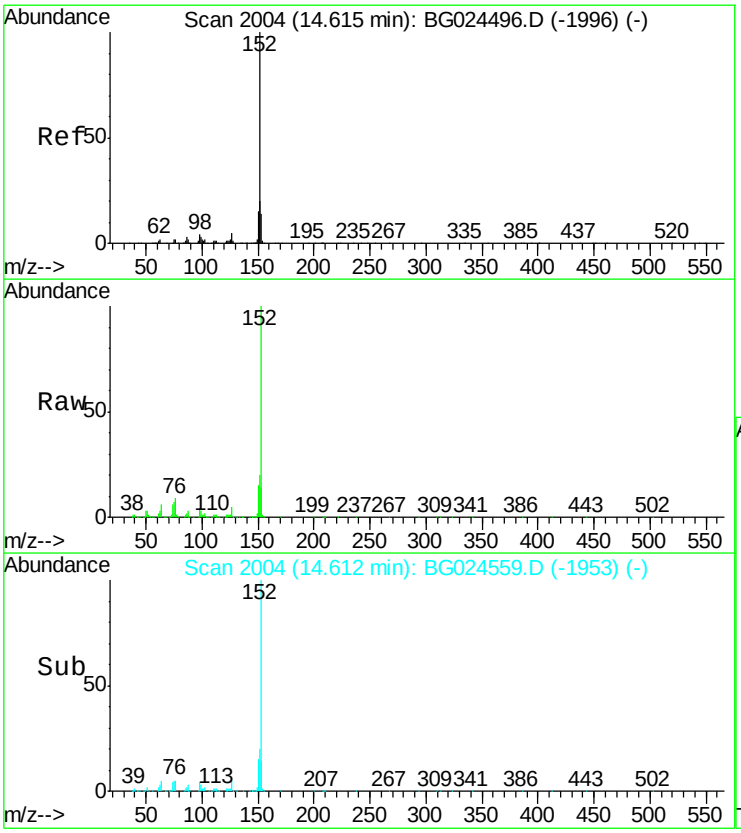

#47
2-Nitroaniline
Concen: 45.31 ng
RT: 13.97 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion: 65 Resp: 334570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 60.6 | 49.0 | 73.4 |
| 138 | 75.4 | 58.6 | 87.8 |

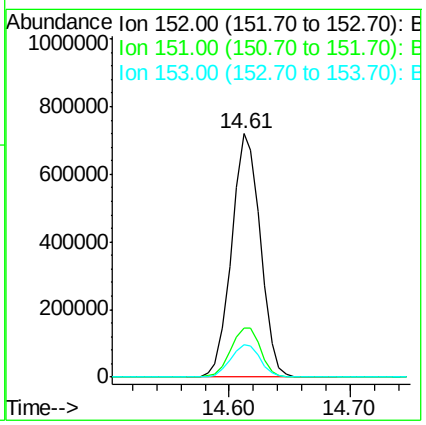


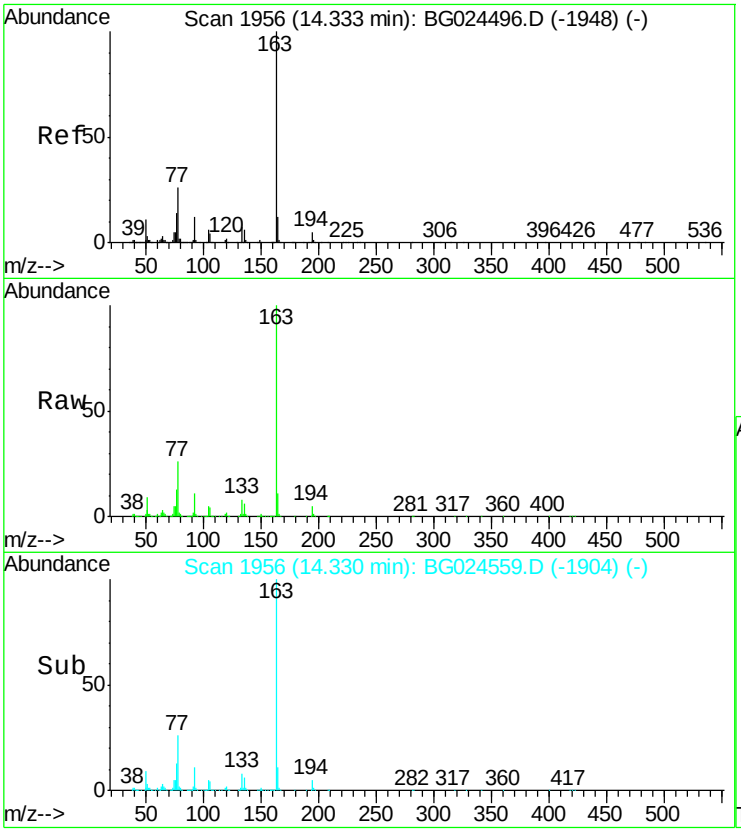




#48
Acenaphthylene
Concen: 43.03 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:152 Resp: 1190048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 18.2 | 27.2 |
| 153 | 13.5 | 11.3 | 16.9 |



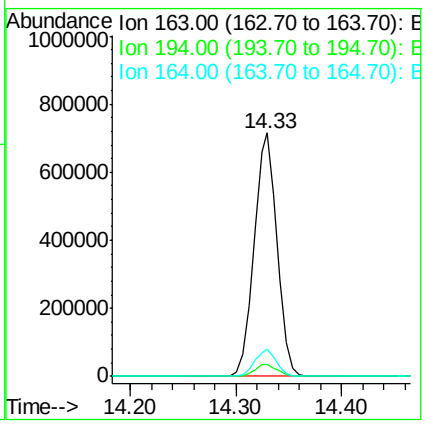


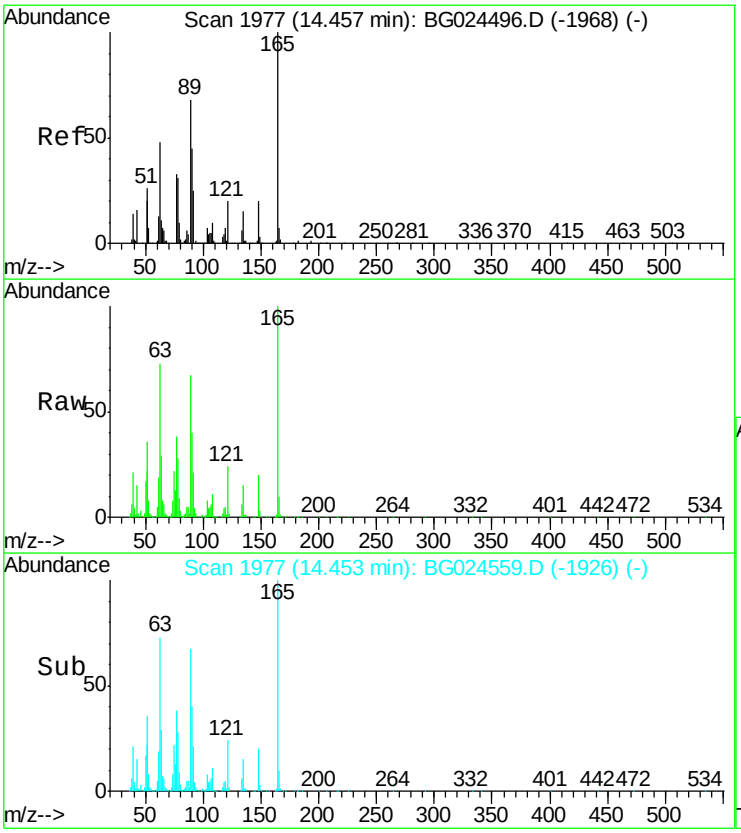

#49
Dimethylphthalate
Concen: 44.44 ng
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:163 Resp: 1076698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.9 | 3.8 | 5.6 |
| 164 | 11.2 | 9.3 | 13.9 |

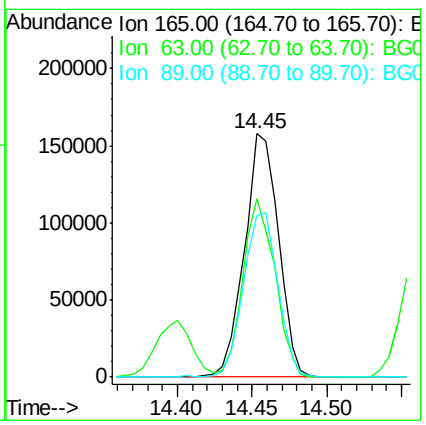


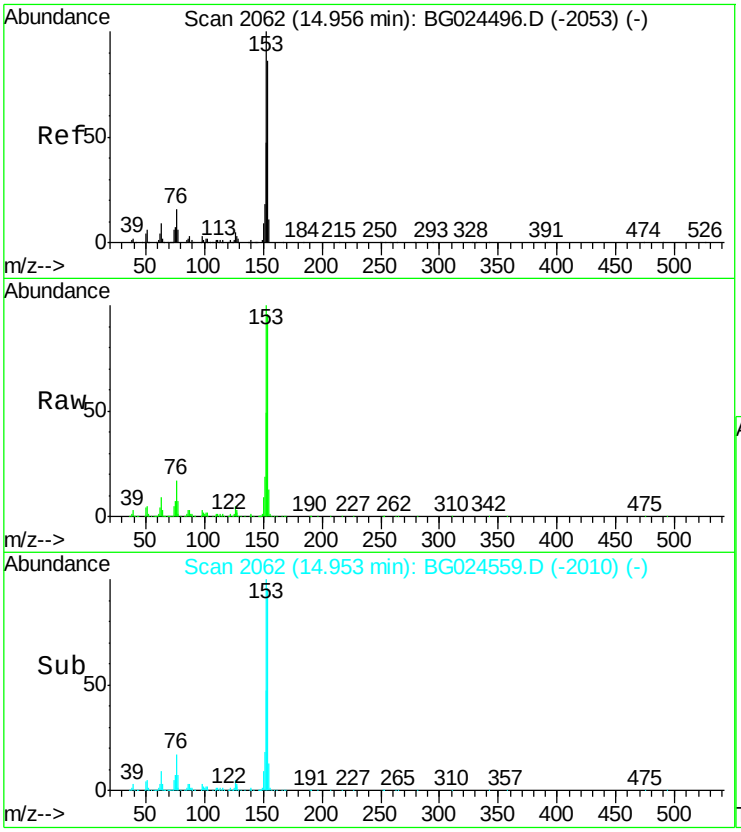




#50
2,6-Dinitrotoluene
Concen: 47.89 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:165 Resp: 247711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 73.4 | 63.9 | 95.9 |
| 89 | 66.6 | 58.6 | 88.0 |



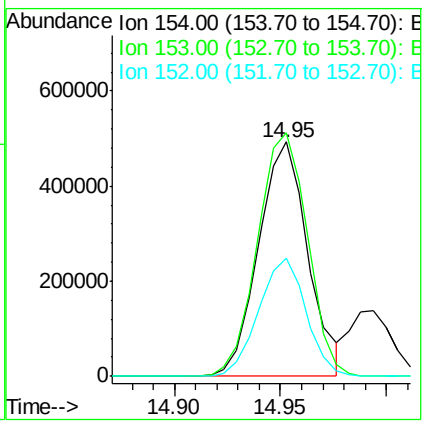


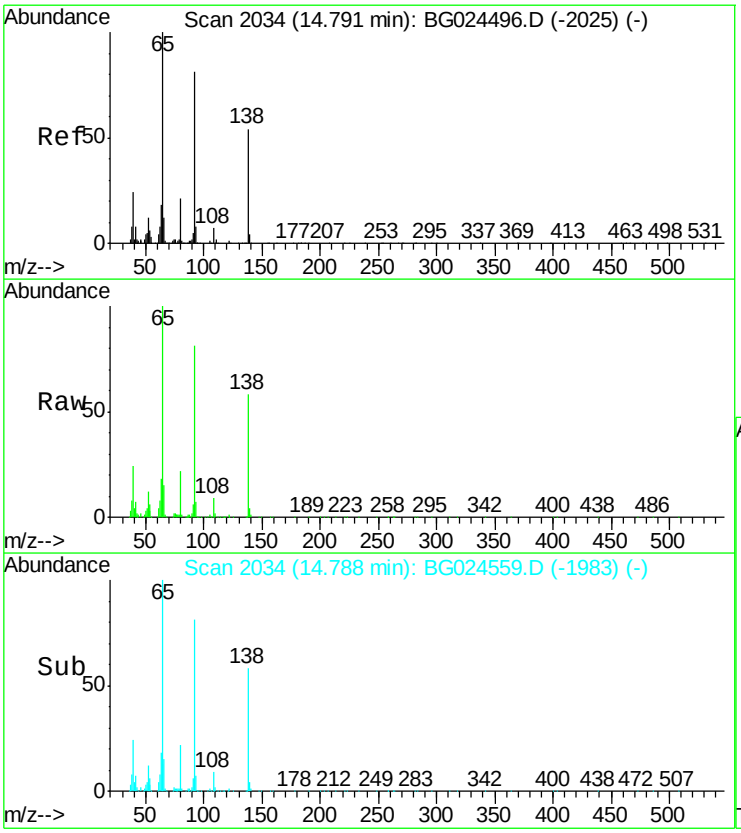

#51
Acenaphthene
Concen: 38.63 ng
RT: 14.95 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:154 Resp: 796469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 104.0 | 87.8 | 131.6 |
| 152 | 50.6 | 42.2 | 63.4 |

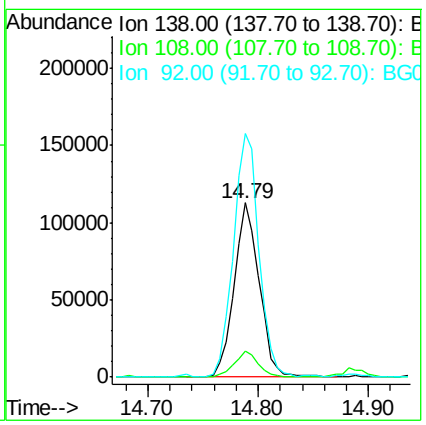


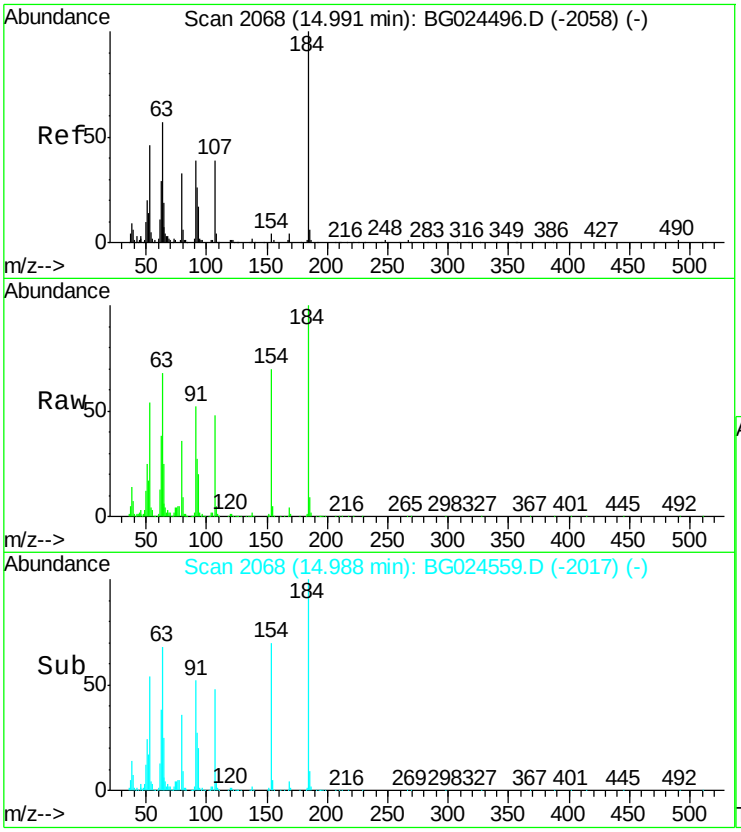




#52
3-Nitroaniline
Concen: 33.72 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:138 Resp: 180467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 14.9 | 10.9 | 16.3 |
| 92 | 139.6 | 115.3 | 172.9 |



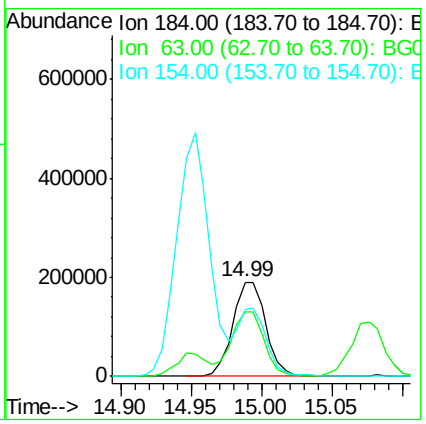


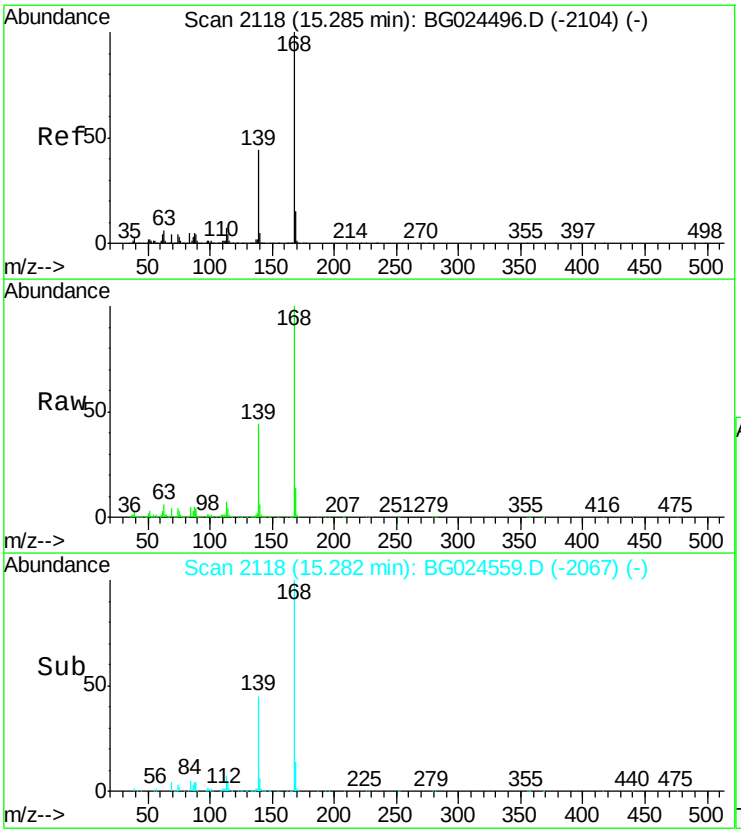

#53
2,4-Dinitrophenol
Concen: 83.17 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:184 Resp: 311762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 68.4 | 52.7 | 79.1 |
| 154 | 70.4 | 57.3 | 85.9 |

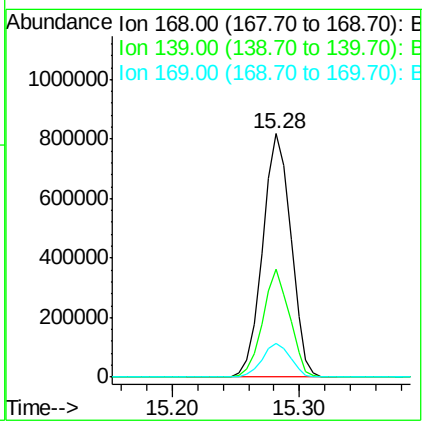


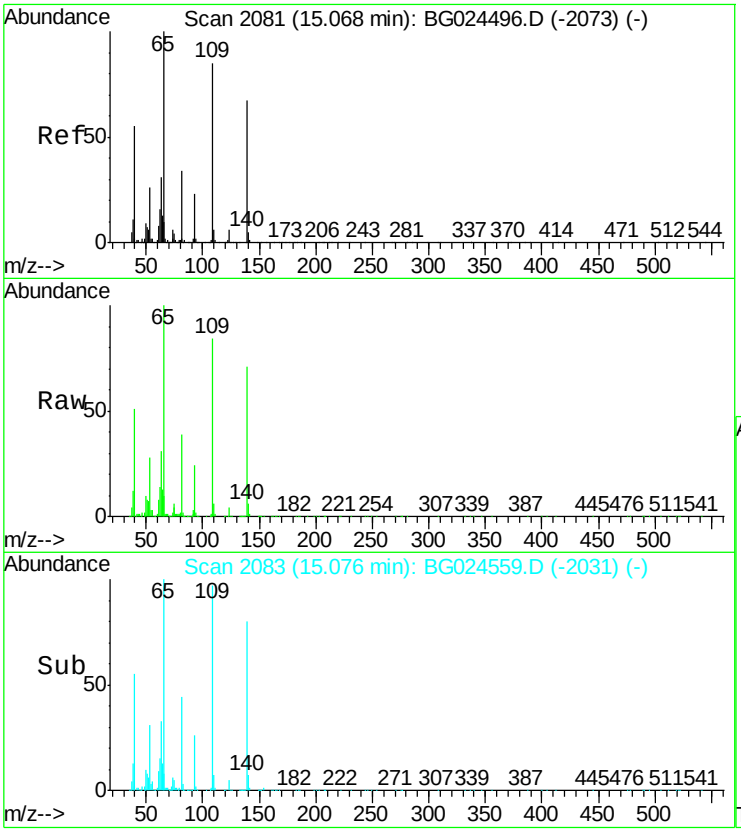




#54
Dibenzofuran
Concen: 44.64 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:168 Resp: 1272491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 44.4 | 35.3 | 52.9 |
| 169 | 13.7 | 11.5 | 17.3 |



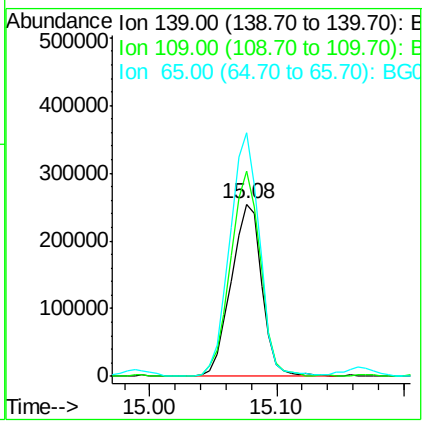


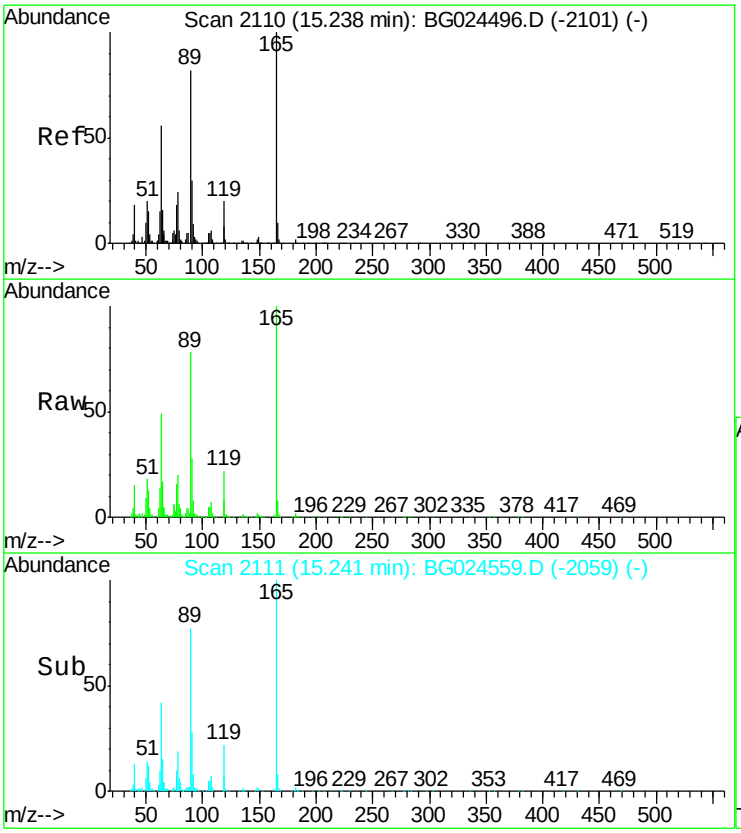

#55
4-Nitrophenol
Concen: 91.34 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:139 Resp: 425960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 119.3 | 101.2 | 141.2 |
| 65 | 141.3 | 135.3 | 175.3 |

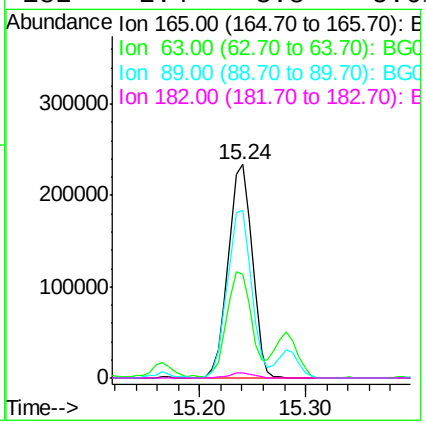


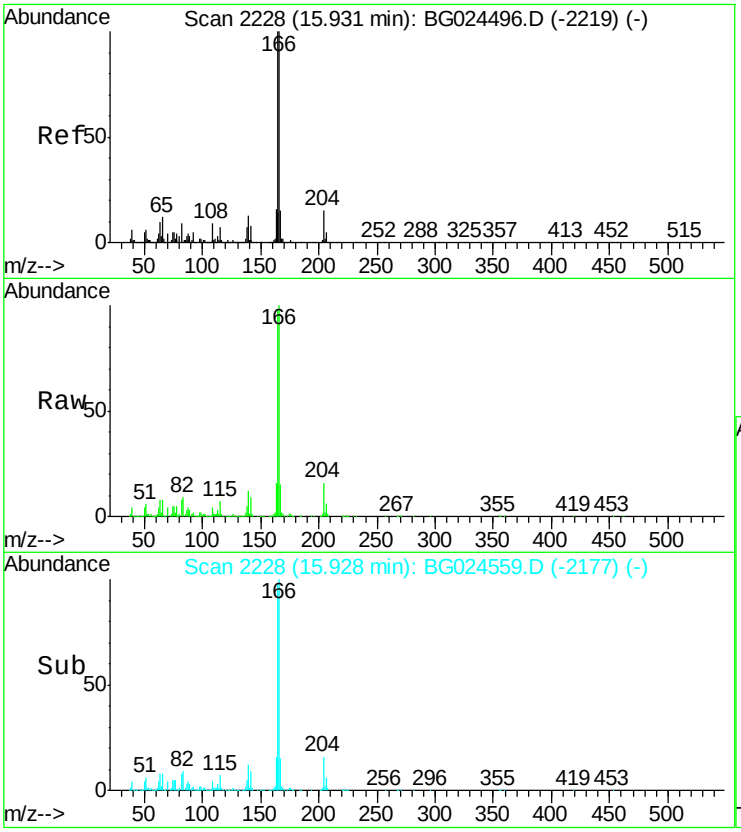




#56
2,4-Dinitrotoluene
Concen: 48.69 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:165 Resp: 365995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.6 | 44.0 | 66.0 |
| 89 | 78.2 | 67.3 | 100.9 |
| 182 | 2.4 | 3.8 | 5.6# |



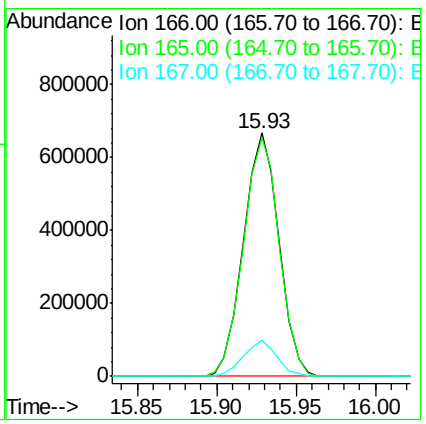


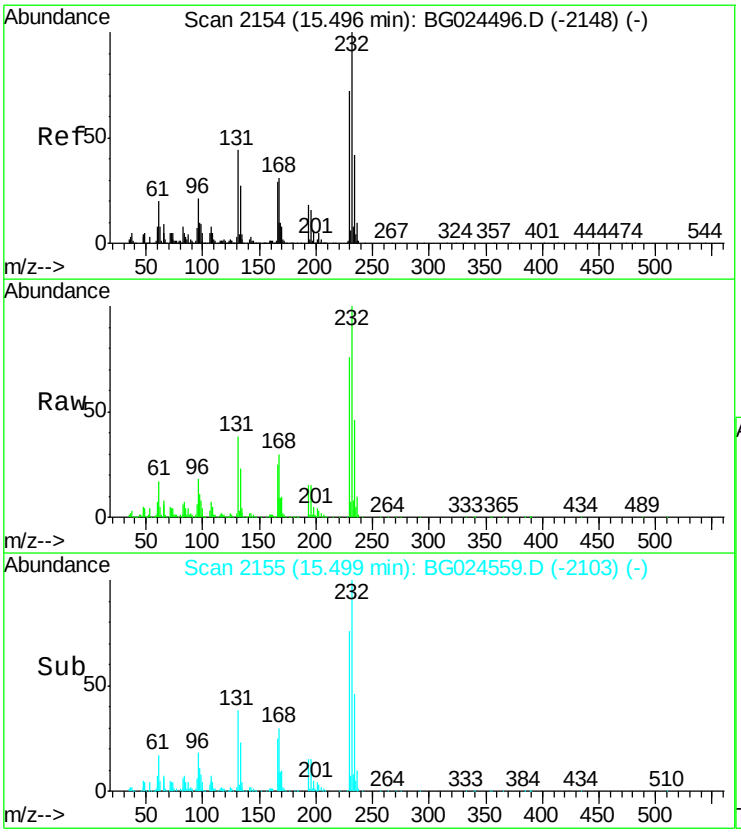

#57
Fluorene
Concen: 43.79 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:166 Resp: 1035185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.9 | 78.6 | 117.8 |
| 167 | 14.7 | 11.6 | 17.4 |

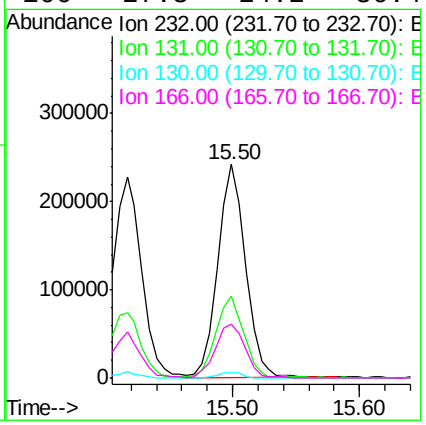


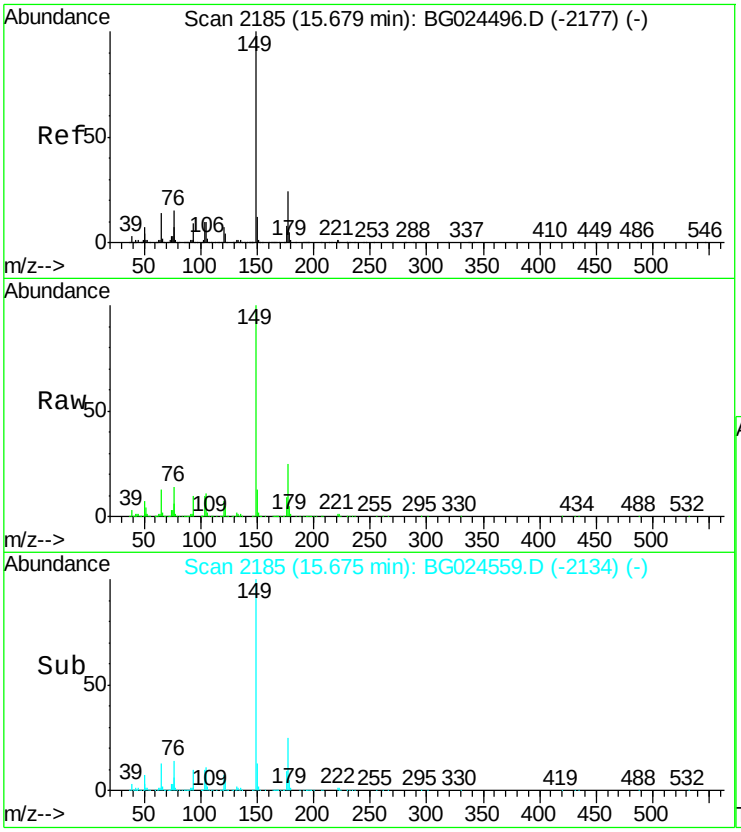




#58
2,3,4,6-Tetrachlorophenol
Concen: 47.04 ng
RT: 15.50 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:232 Resp: 364876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.3 | 34.9 | 52.3 |
| 130 | 2.4 | 2.3 | 3.5 |
| 166 | 27.3 | 24.2 | 36.4 |



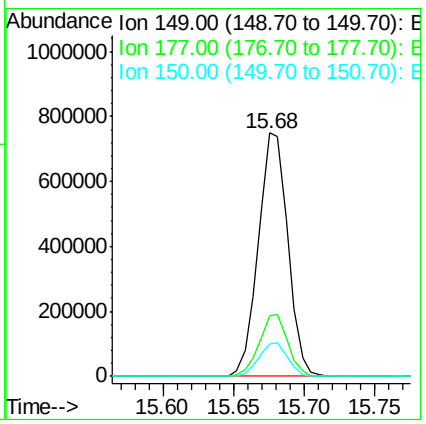


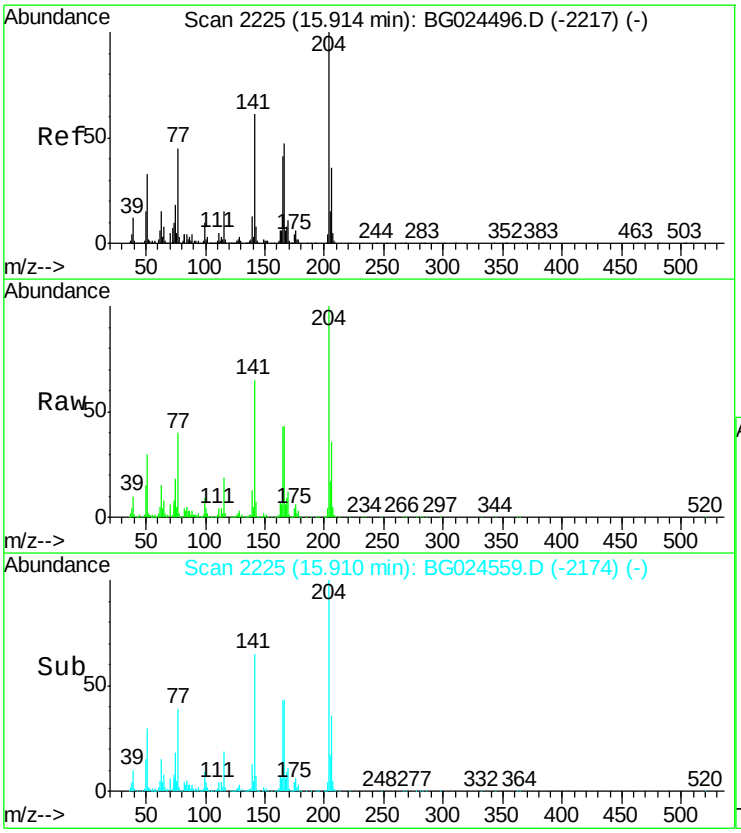

#59
Diethylphthalate
Concen: 43.39 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:149 Resp: 1102237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.7 | 20.1 | 30.1 |
| 150 | 13.4 | 10.2 | 15.2 |

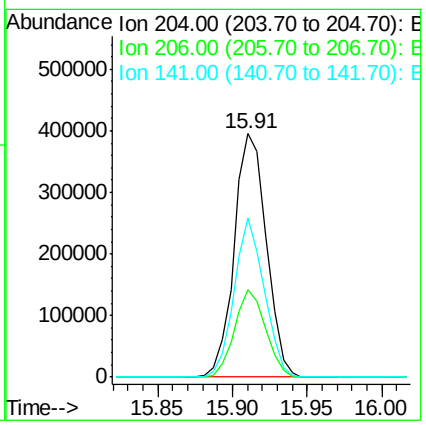


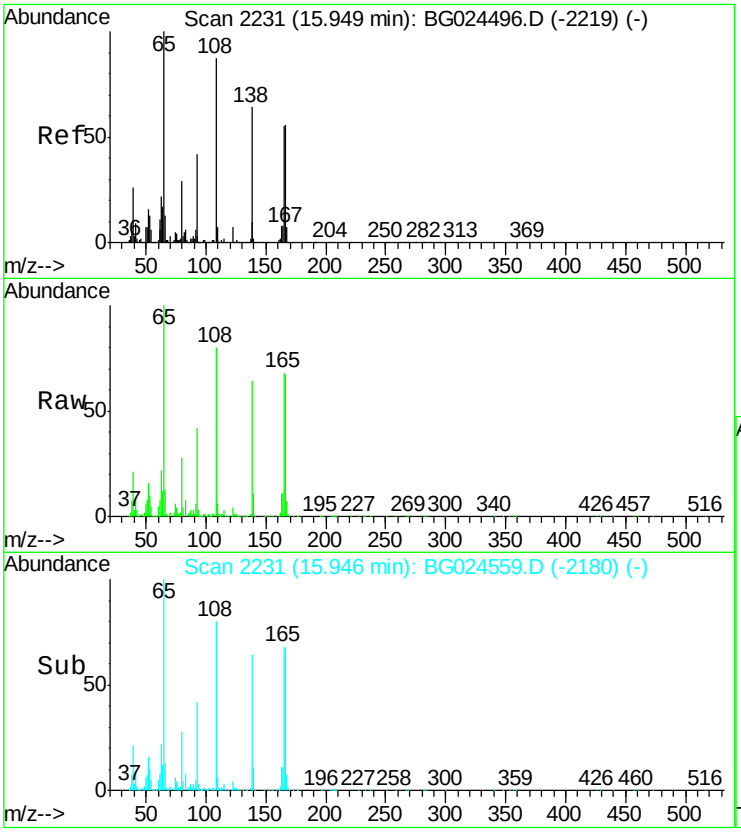




#60
4-Chlorophenyl-phenylether
Concen: 44.54 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:204 Resp: 590743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 36.1 | 30.1 | 45.1 |
| 141 | 65.4 | 50.6 | 76.0 |



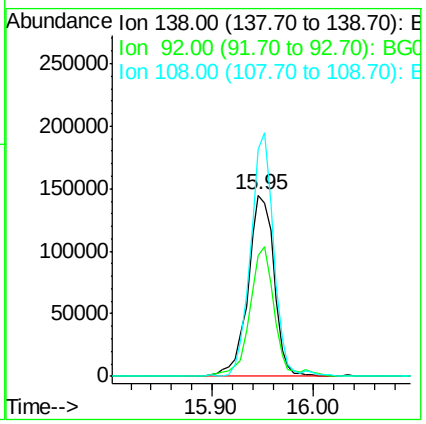


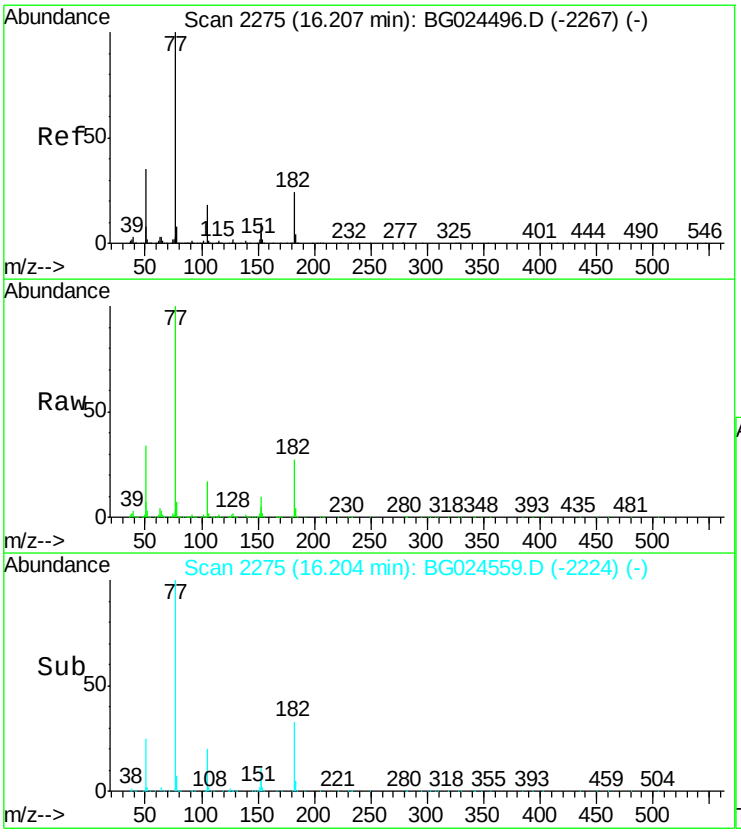

#61
4-Nitroaniline
Concen: 44.43 ng
RT: 15.95 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:138 Resp: 259822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 66.4 | 44.2 | 84.2 |
| 108 | 124.8 | 104.8 | 144.8 |

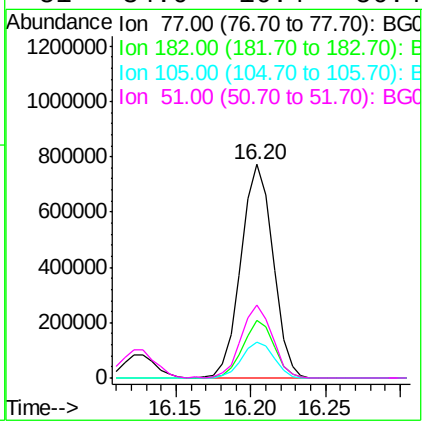


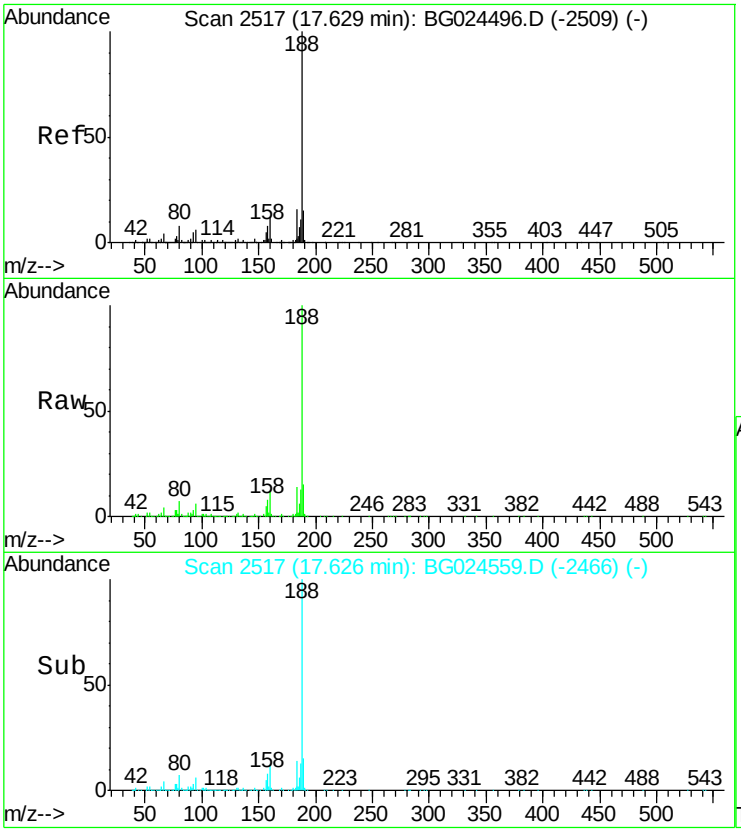




#62
Azobenzene
Concen: 45.22 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion: 77 Resp: 1145575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.2 | 4.7 | 44.7 |
| 105 | 16.5 | 0.0 | 36.3 |
| 51 | 34.0 | 16.4 | 56.4 |



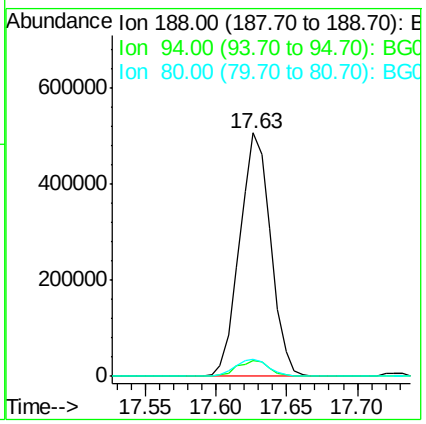


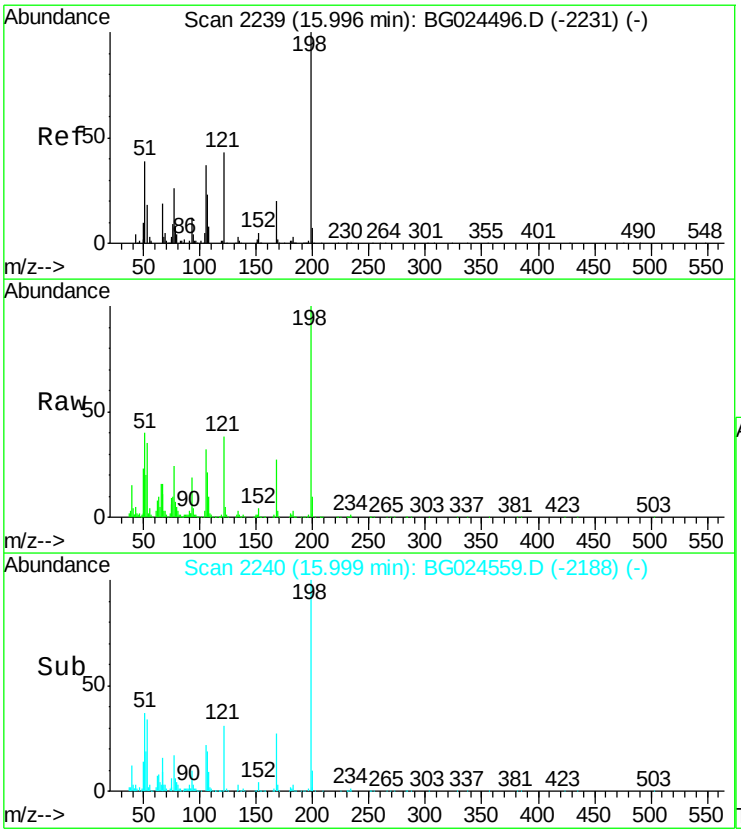

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:188 Resp: 779061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.5 | 5.8 | 8.8 |
| 80 | 7.1 | 7.5 | 11.3# |

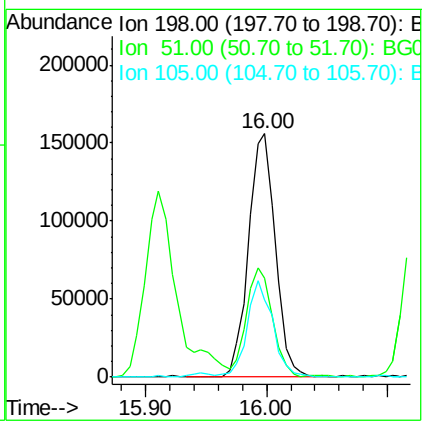


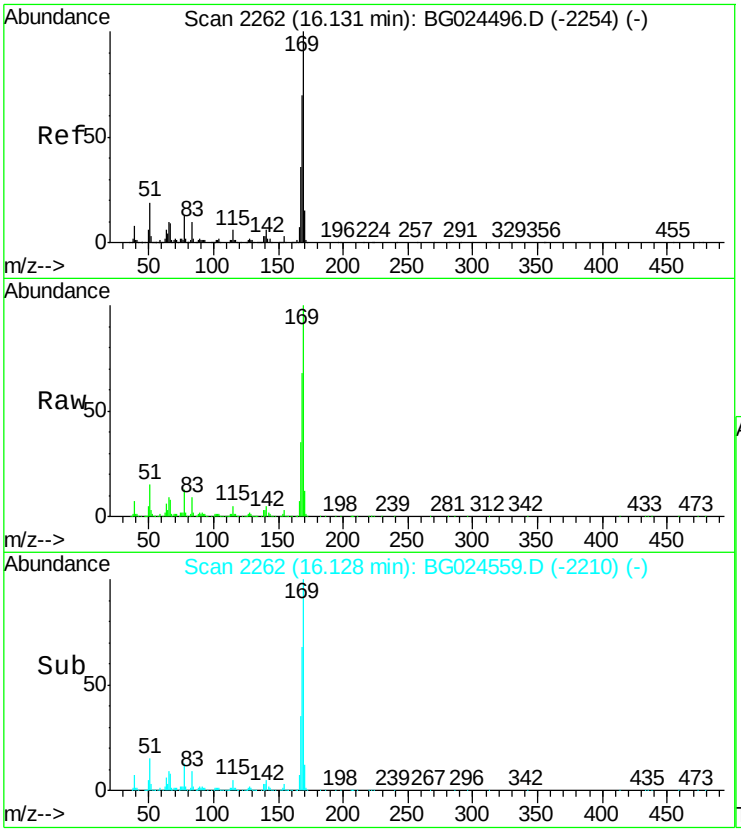




#64
4,6-Dinitro-2-methylphenol
Concen: 45.00 ng
RT: 16.00 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:198 Resp: 241550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 40.5 | 22.6 | 62.6 |
| 105 | 31.7 | 14.4 | 54.4 |



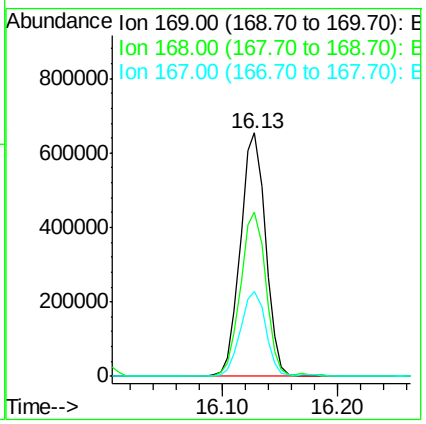


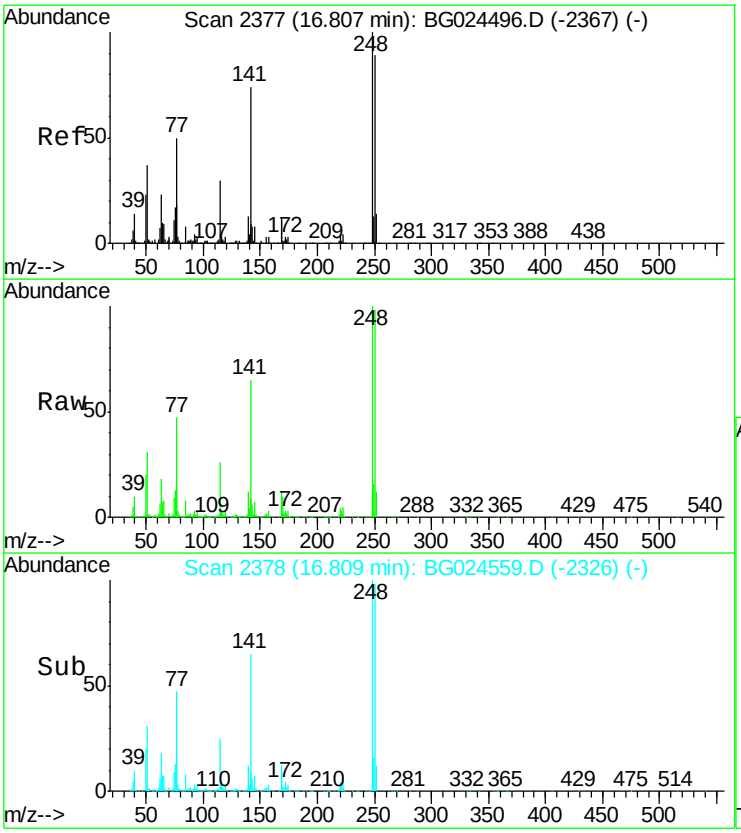

#65
n-Nitrosodiphenylamine
Concen: 46.45 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:169 Resp: 989313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.6 | 55.7 | 83.5 |
| 167 | 35.0 | 29.8 | 44.6 |

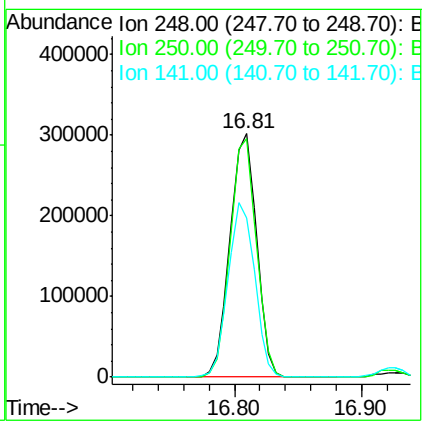


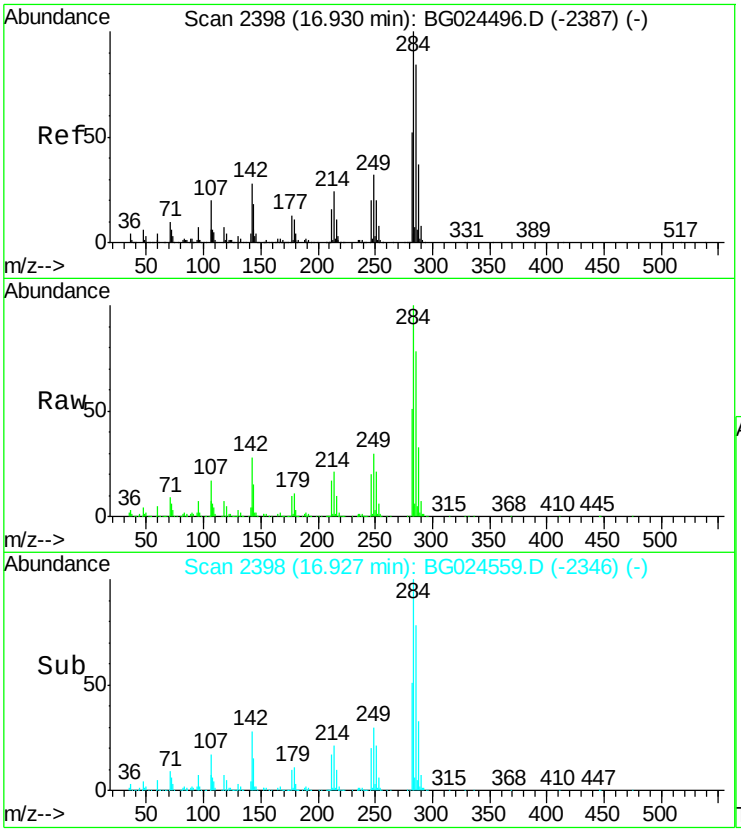




#66
4-Bromophenyl-phenylether
Concen: 46.28 ng
RT: 16.81 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:248 Resp: 437731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.0 | 75.0 | 112.6 |
| 141 | 65.3 | 55.2 | 82.8 |



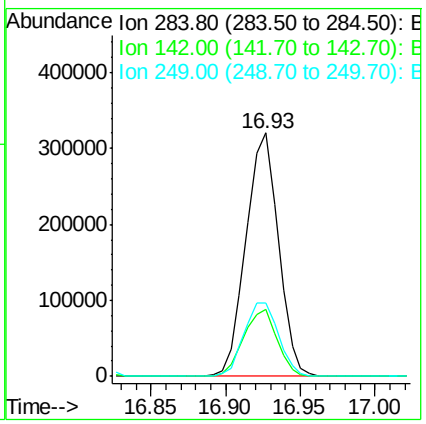


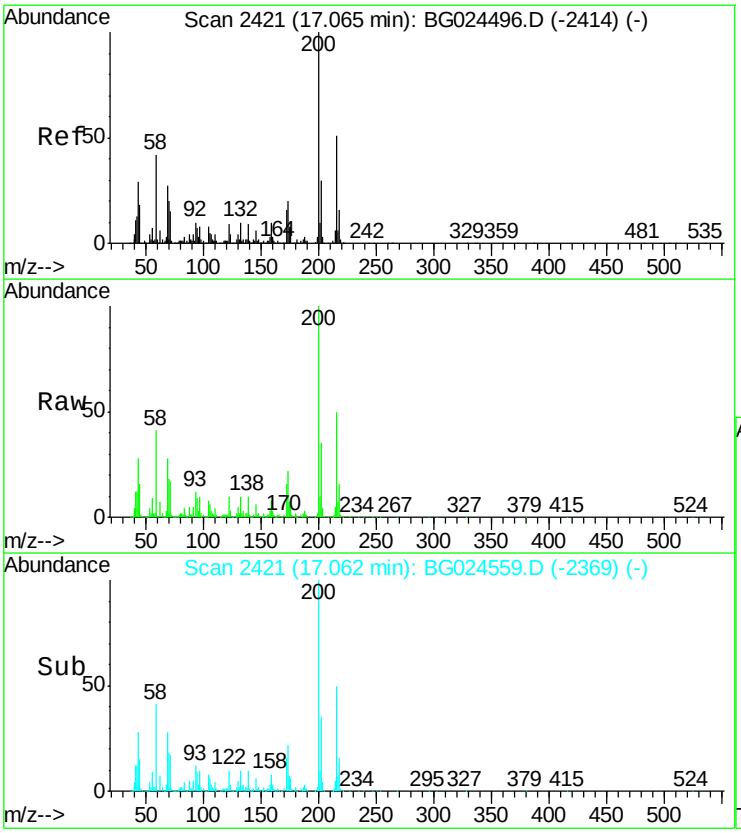

#67
Hexachlorobenzene
Concen: 45.98 ng
RT: 16.93 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:284 Resp: 480460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 27.6 | 29.9 | 44.9# |
| 249 | 30.4 | 29.2 | 43.8 |

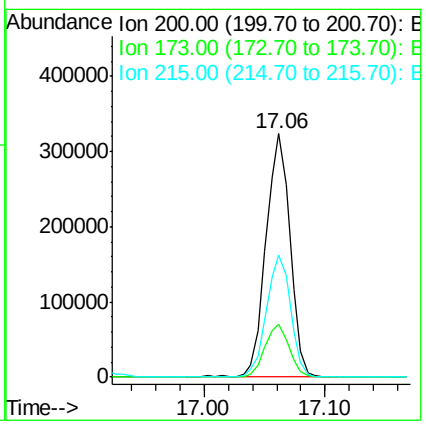


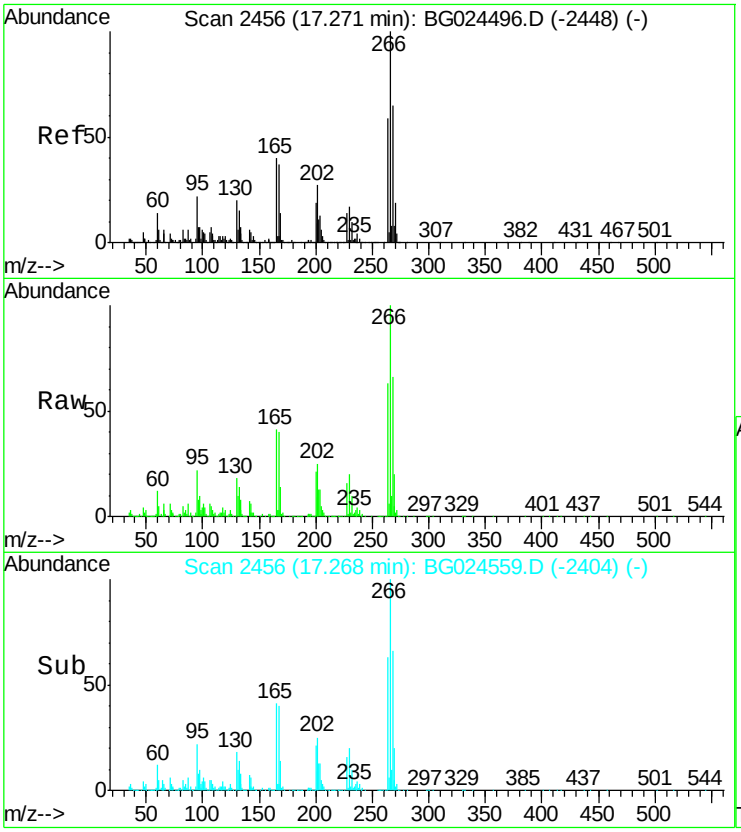




#68
Atrazine
Concen: 48.64 ng
RT: 17.06 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:200 Resp: 444344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 21.5 | 3.0 | 43.0 |
| 215 | 50.3 | 28.4 | 68.4 |



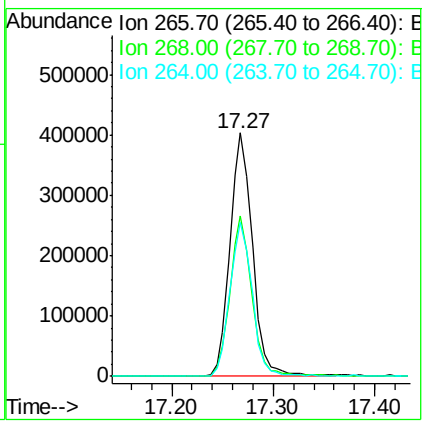


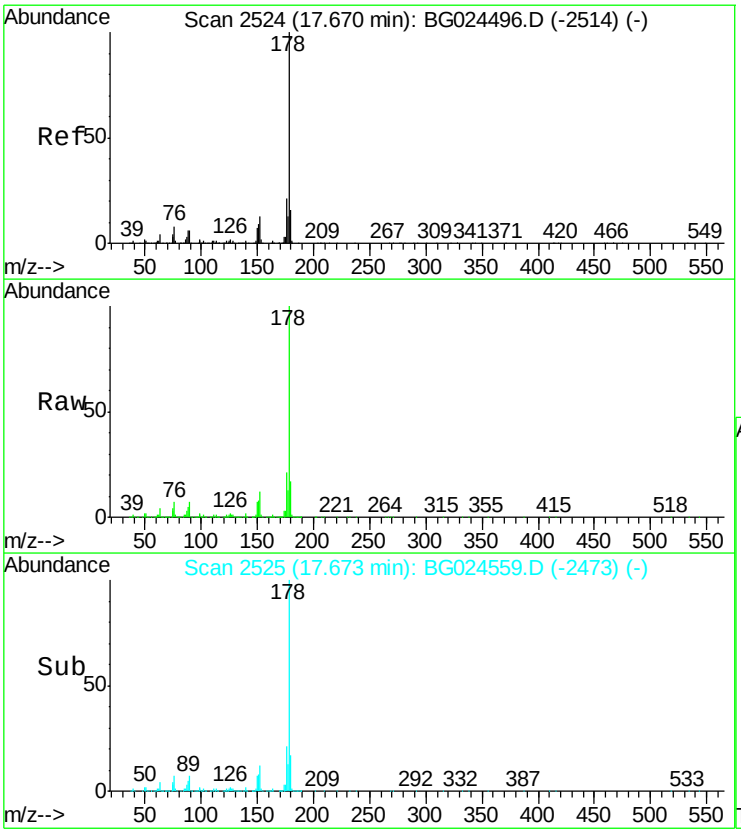

#69
Pentachlorophenol
Concen: 90.41 ng
RT: 17.27 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:266 Resp: 623416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.8 | 48.6 | 72.8 |
| 264 | 63.3 | 50.1 | 75.1 |

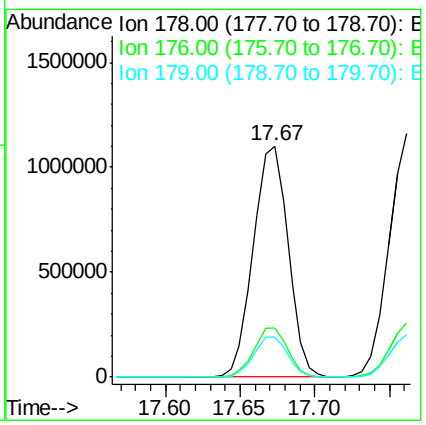


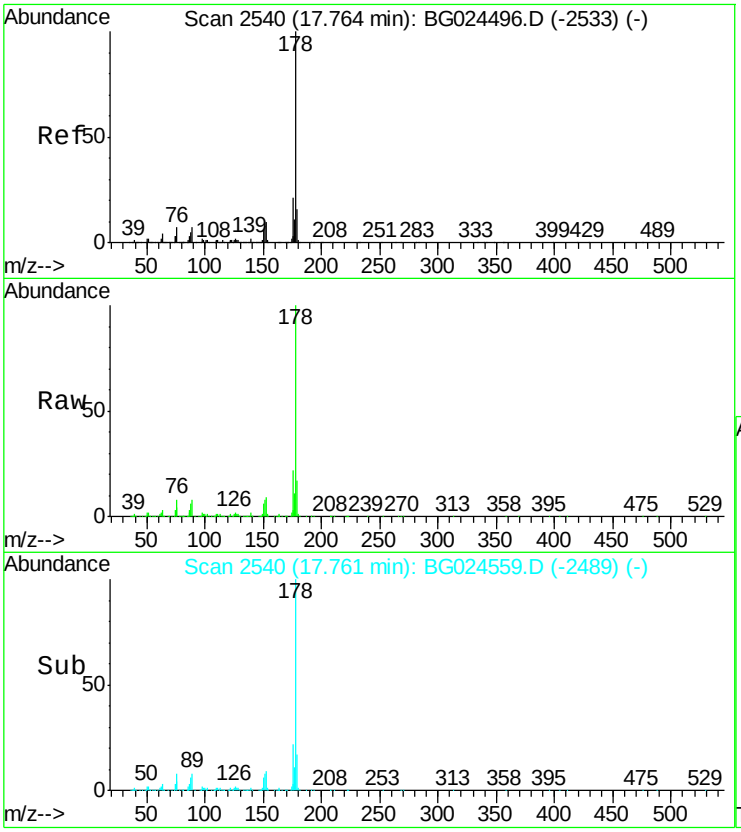




#70
Phenanthrene
Concen: 44.83 ng
RT: 17.67 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:178 Resp: 1780106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.2 | 17.7 | 26.5 |
| 179 | 17.4 | 15.0 | 22.6 |



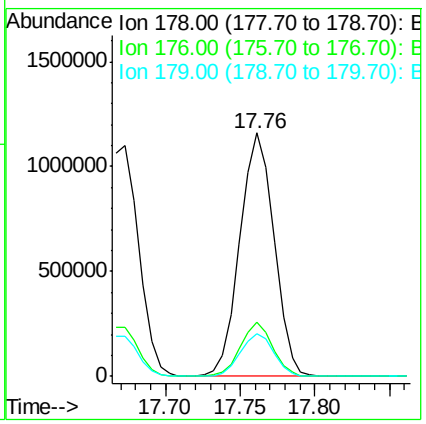


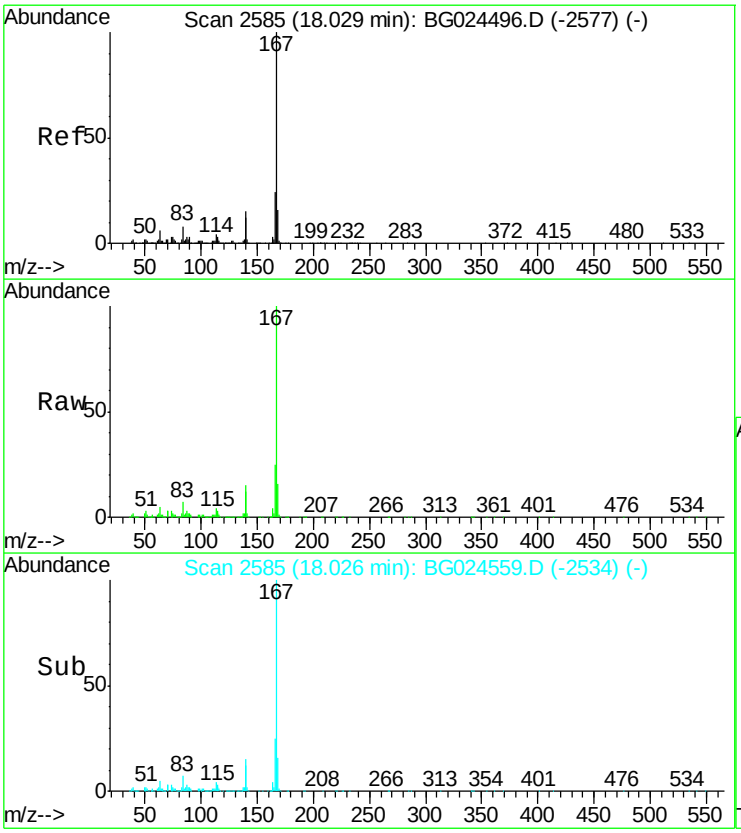

#71
Anthracene
Concen: 45.98 ng
RT: 17.76 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:178 Resp: 1842047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 22.4 | 16.4 | 24.6 |
| 179 | 17.5 | 13.8 | 20.8 |

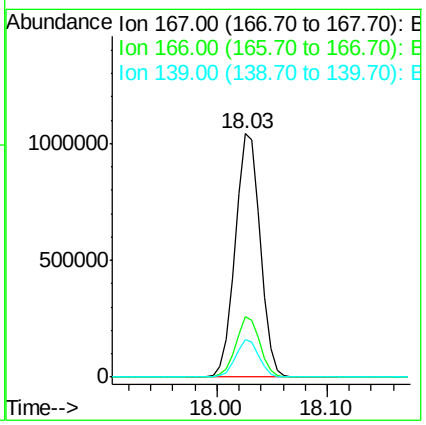


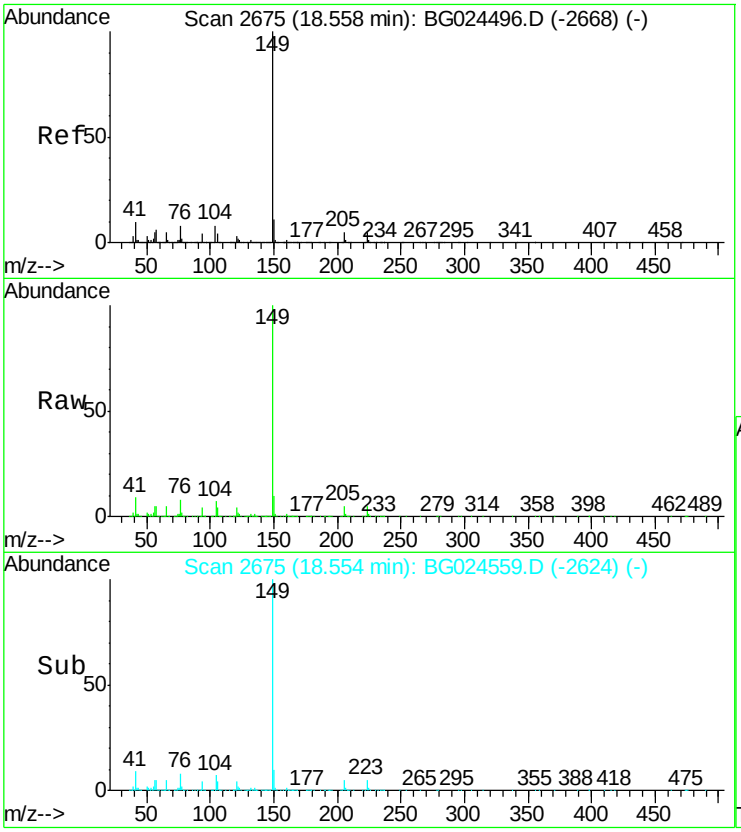




#72
Carbazole
Concen: 45.51 ng
RT: 18.03 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:167 Resp: 1662919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 25.0 | 20.2 | 30.2 |
| 139 | 15.3 | 12.8 | 19.2 |



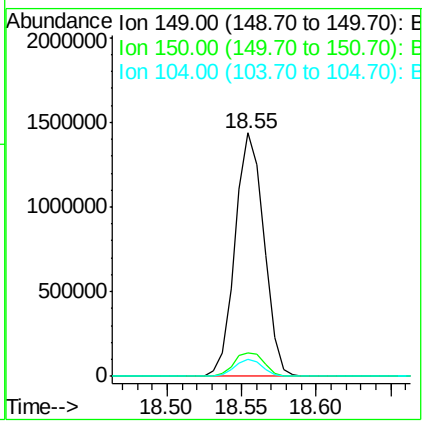


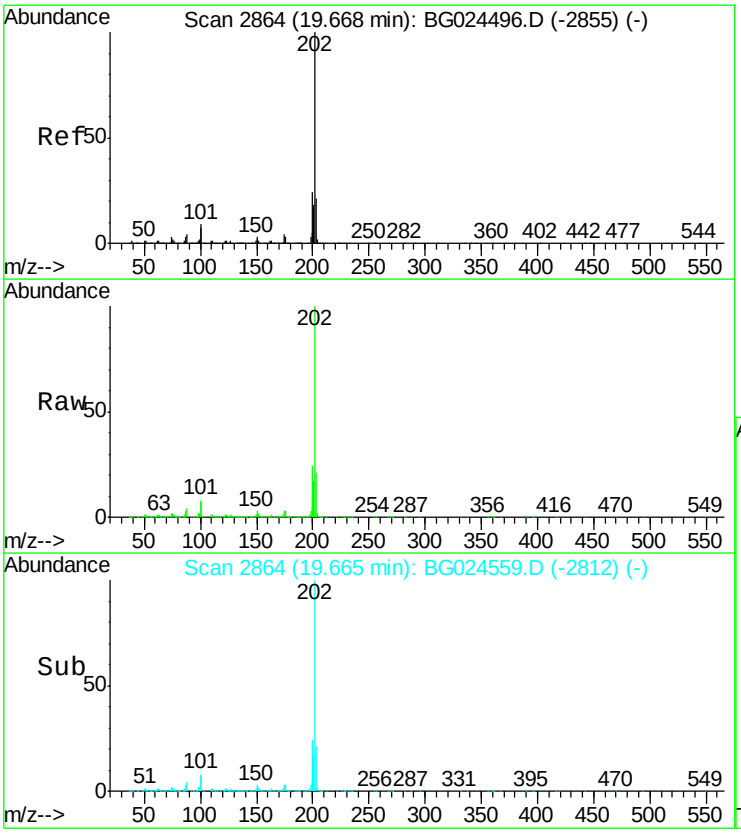

#73
Di-n-butylphthalate
Concen: 45.85 ng
RT: 18.55 min Scan# 2675
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:149 Resp: 1931671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.9 | 9.1 | 13.7 |
| 104 | 7.3 | 6.7 | 10.1 |

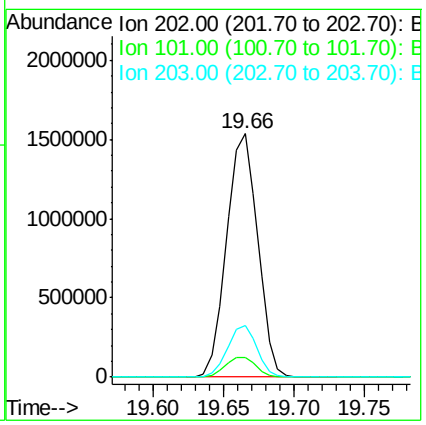


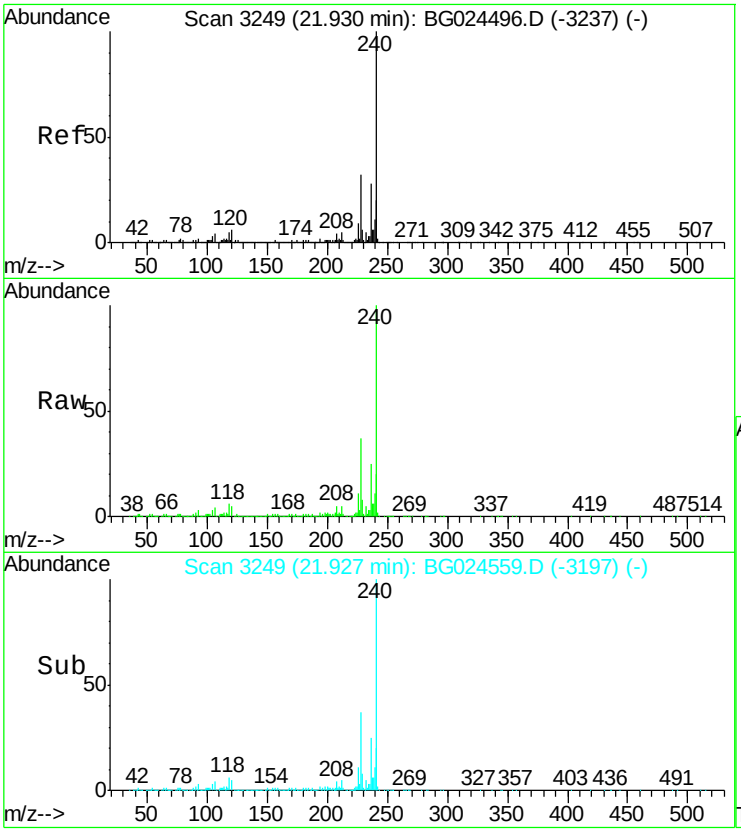




#74
Fluoranthene
Concen: 46.99 ng
RT: 19.66 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:202 Resp: 2359052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.2 | 0.0 | 30.1 |
| 203 | 21.0 | 1.3 | 41.3 |



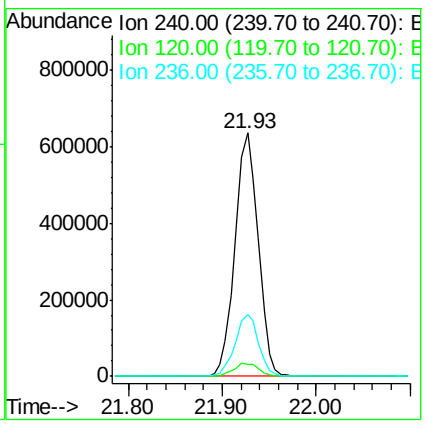


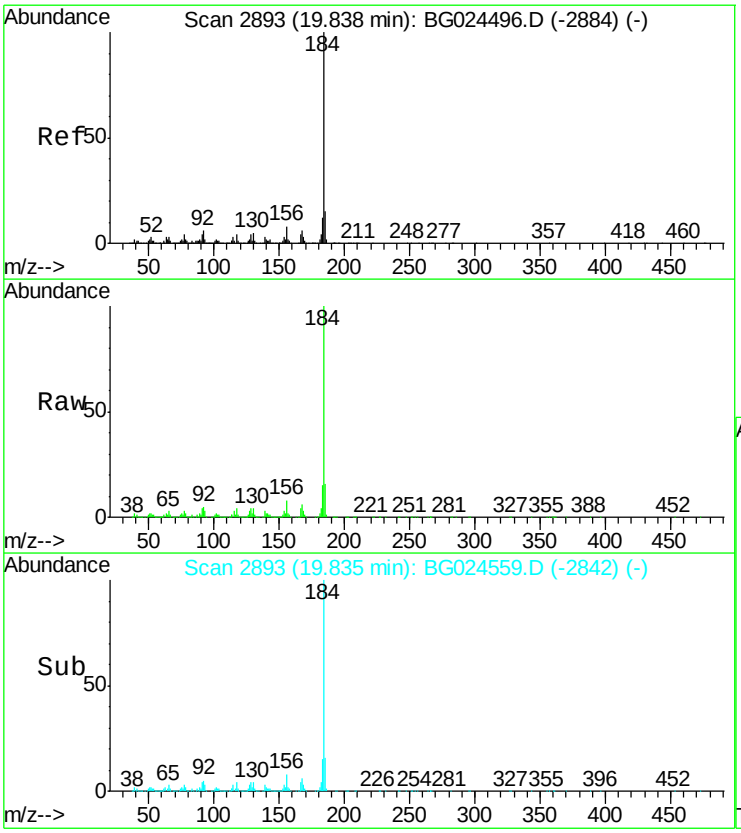

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.93 min Scan# 3249
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:240 Resp: 1088080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.8 | 5.7 | 8.5# |
| 236 | 25.3 | 22.2 | 33.4 |

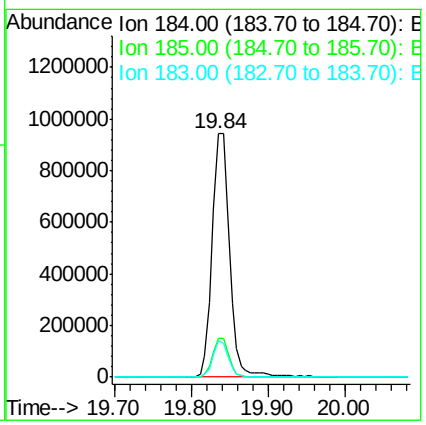


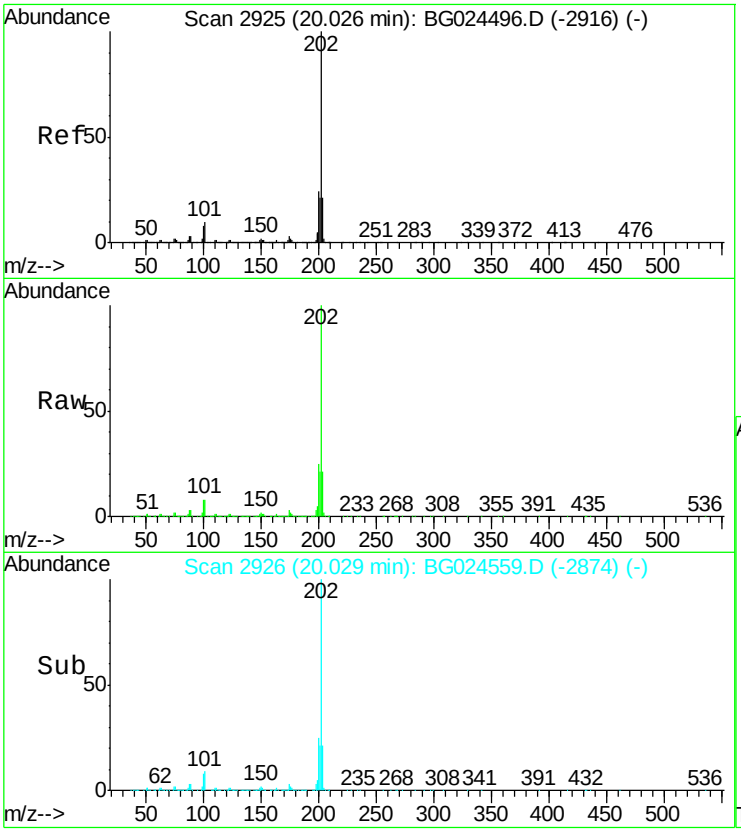




#76
Benzidine
Concen: 57.53 ng
RT: 19.84 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:184 Resp: 1474893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.1 | 13.0 | 19.6 |
| 183 | 14.7 | 11.0 | 16.6 |



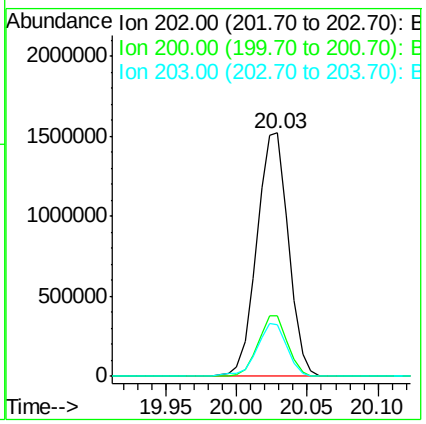


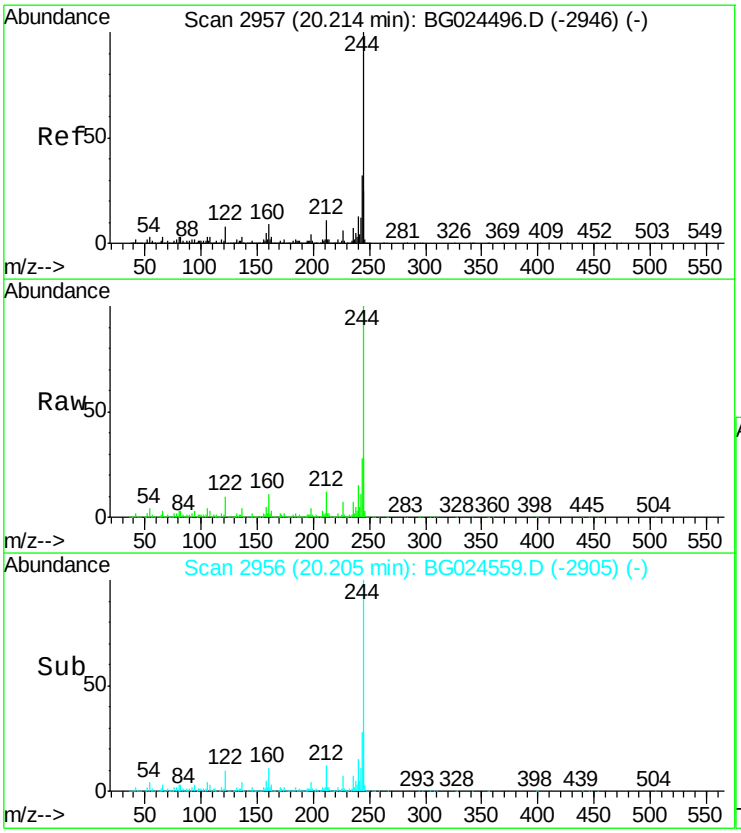

#77
Pyrene
Concen: 44.97 ng
RT: 20.03 min Scan# 2926
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:202 Resp: 2392088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 24.7 | 19.6 | 29.4 |
| 203 | 21.3 | 15.8 | 23.8 |

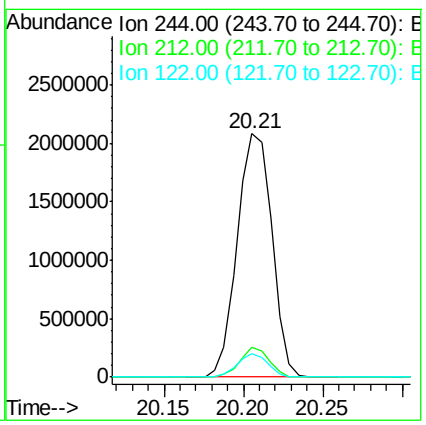


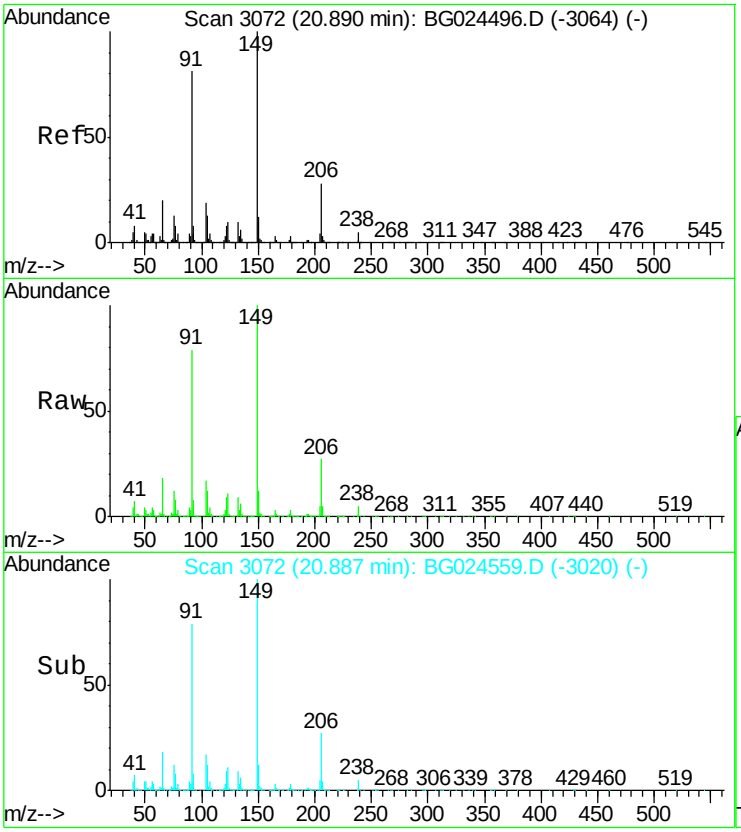




#78
Terphenyl-d14
Concen: 86.92 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:244 Resp: 3164943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 12.2 | 10.0 | 15.0 |
| 122 | 9.7 | 8.6 | 12.8 |



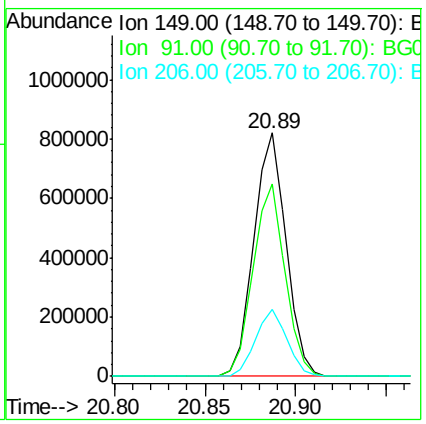


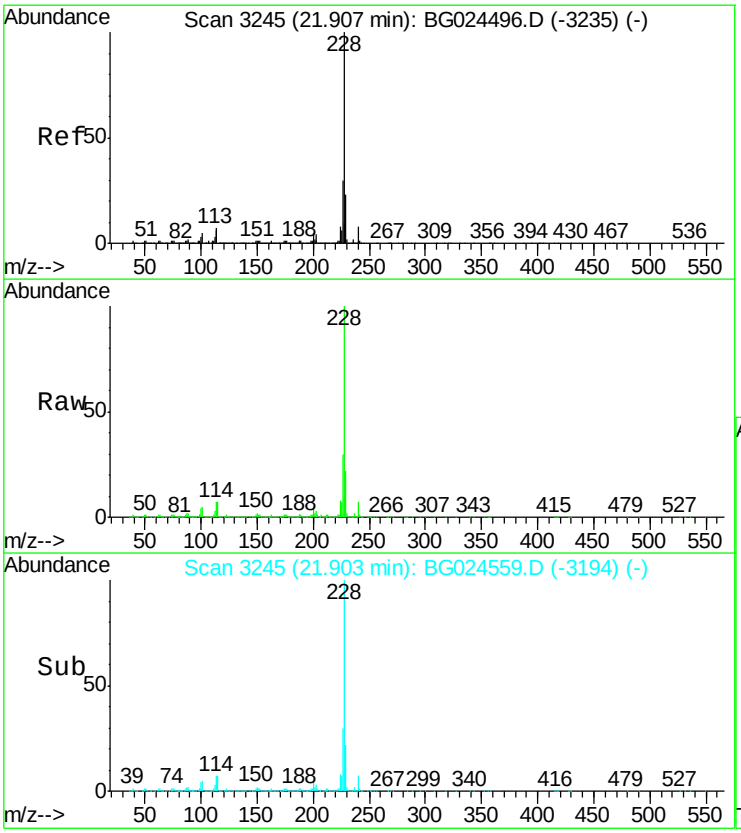

#79
Butylbenzylphthalate
Concen: 45.67 ng
RT: 20.89 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:149 Resp: 1012744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 79.0 | 63.5 | 95.3 |
| 206 | 27.3 | 21.0 | 31.6 |

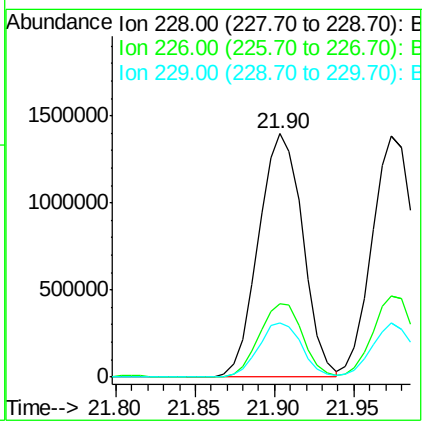


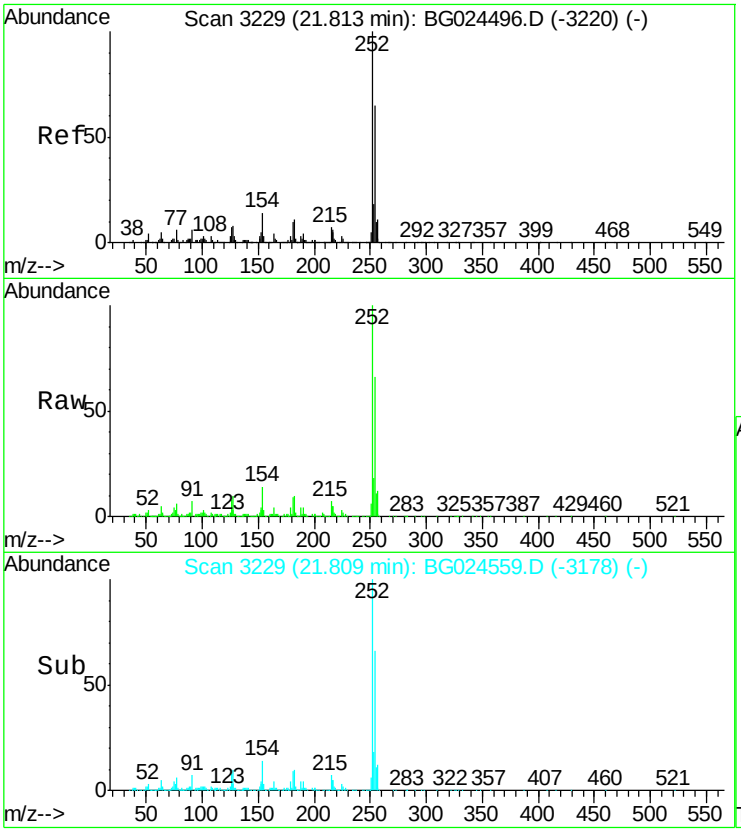




#80
Benzo(a)anthracene
Concen: 45.26 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:228 Resp: 2705622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 24.9 | 37.3 |
| 229 | 22.2 | 18.2 | 27.2 |



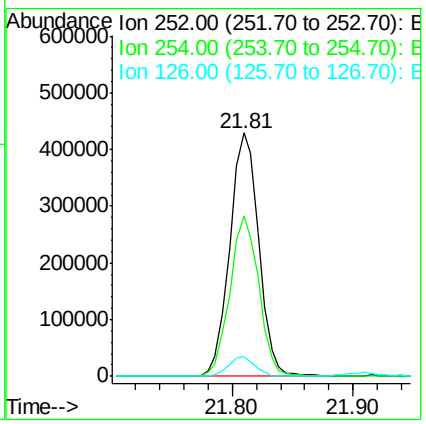


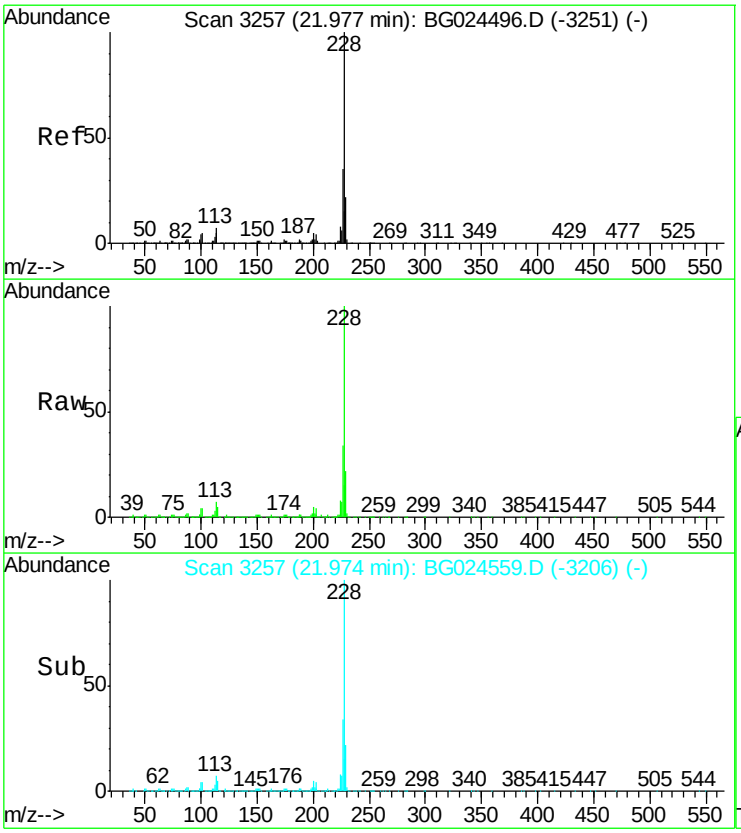

#81
3,3'-Dichlorobenzidine
Concen: 29.80 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:252 Resp: 718691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.9 | 53.1 | 79.7 |
| 126 | 7.9 | 7.0 | 10.4 |

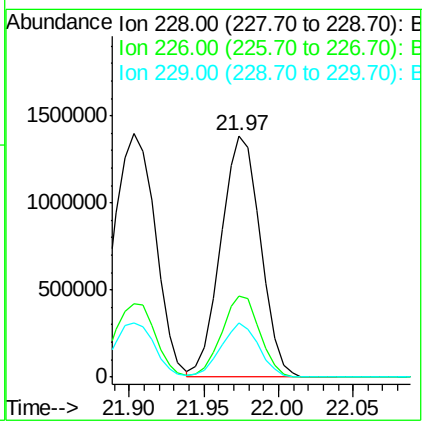


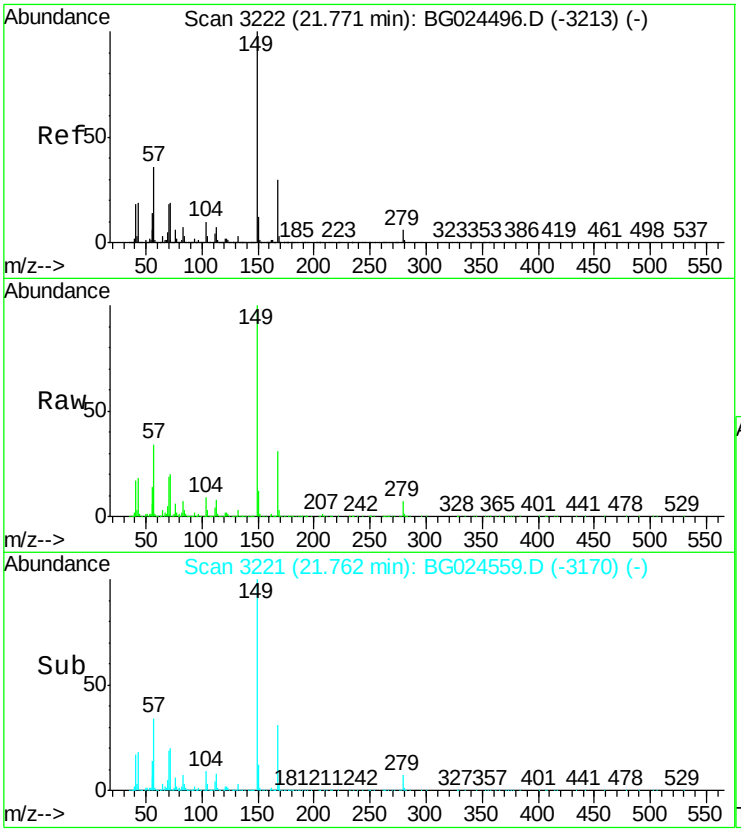




#82
Chrysene
Concen: 44.89 ng
RT: 21.97 min Scan# 3257
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:228 Resp: 2555640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.6 | 27.0 | 40.4 |
| 229 | 22.3 | 17.8 | 26.6 |



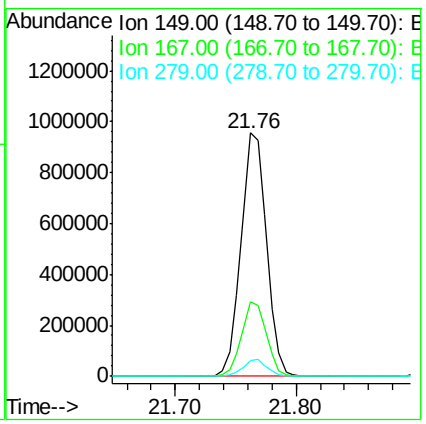


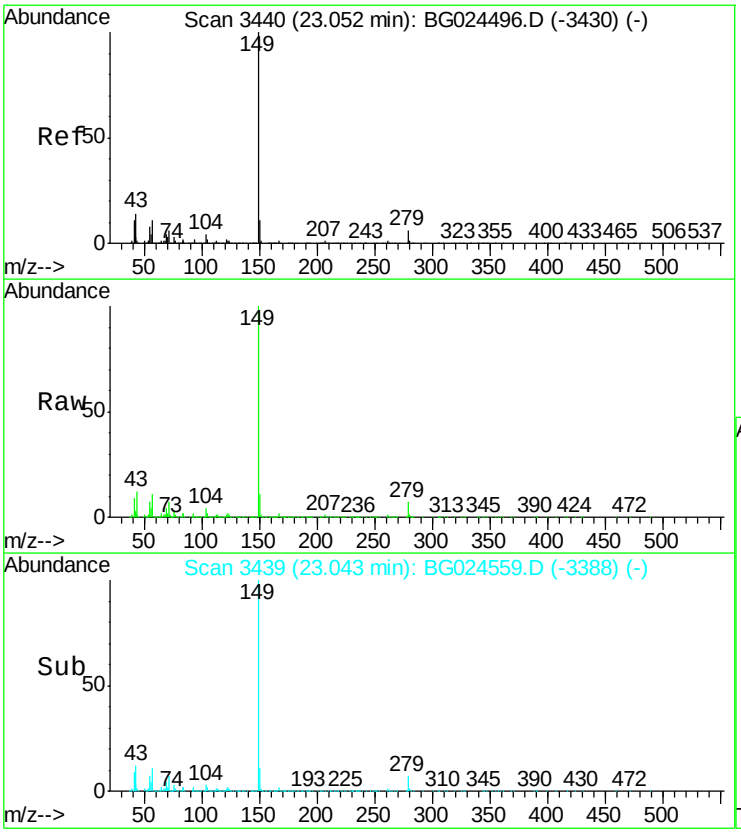

#83
Bis(2-ethylhexyl)phthalate
Concen: 44.59 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:149 Resp: 1414552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.8 | 23.7 | 35.5 |
| 279 | 6.5 | 4.6 | 6.8 |

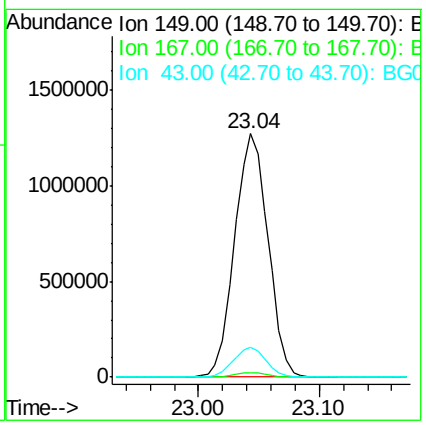


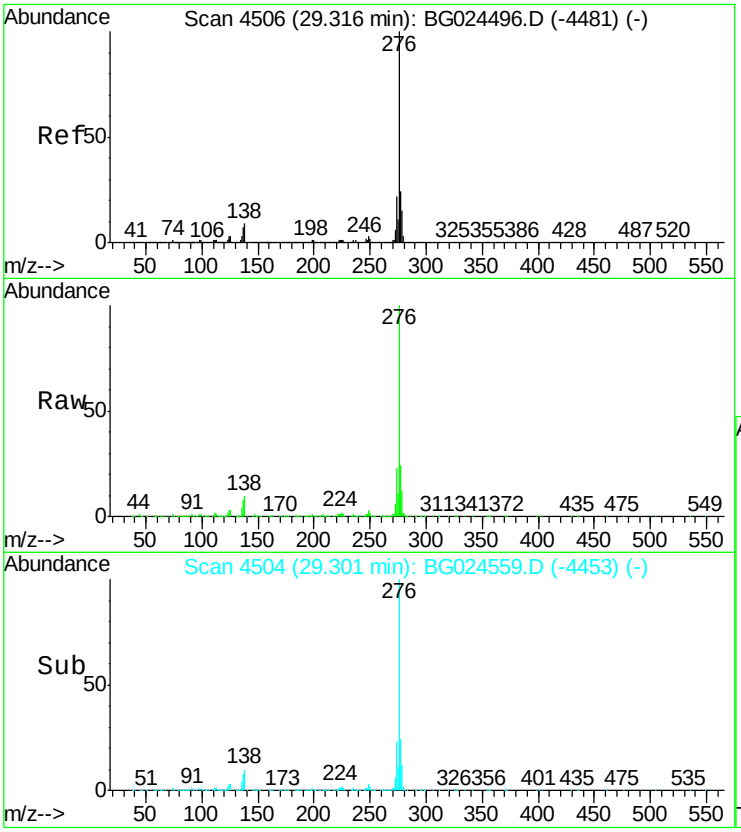




#84
Di-n-octyl phthalate
Concen: 46.40 ng
RT: 23.04 min Scan# 3439
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:149 Resp: 2442510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.4 | 2.2 |
| 43 | 11.9 | 11.8 | 17.6 |



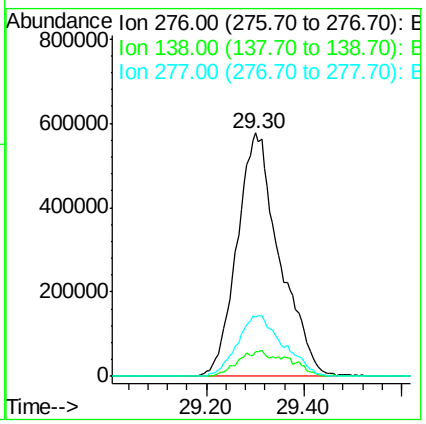


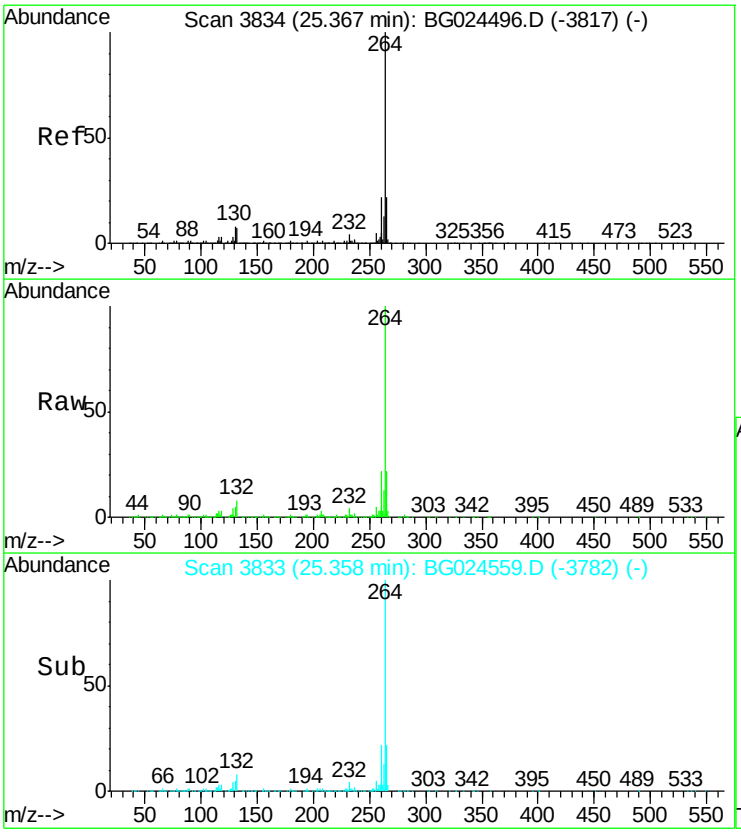

#85
Indeno(1,2,3-cd)pyrene
Concen: 44.52 ng
RT: 29.30 min Scan# 4504
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:276 Resp: 3498180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 7.4 | 4.7 | 7.1# |
| 277 | 27.0 | 20.6 | 31.0 |

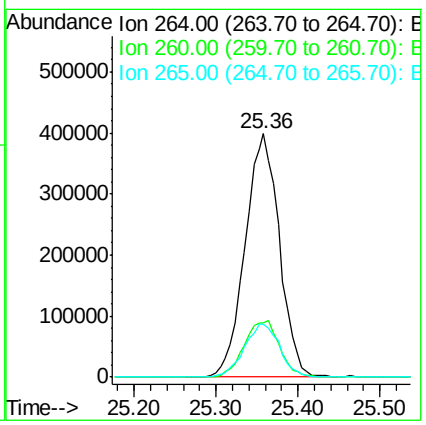


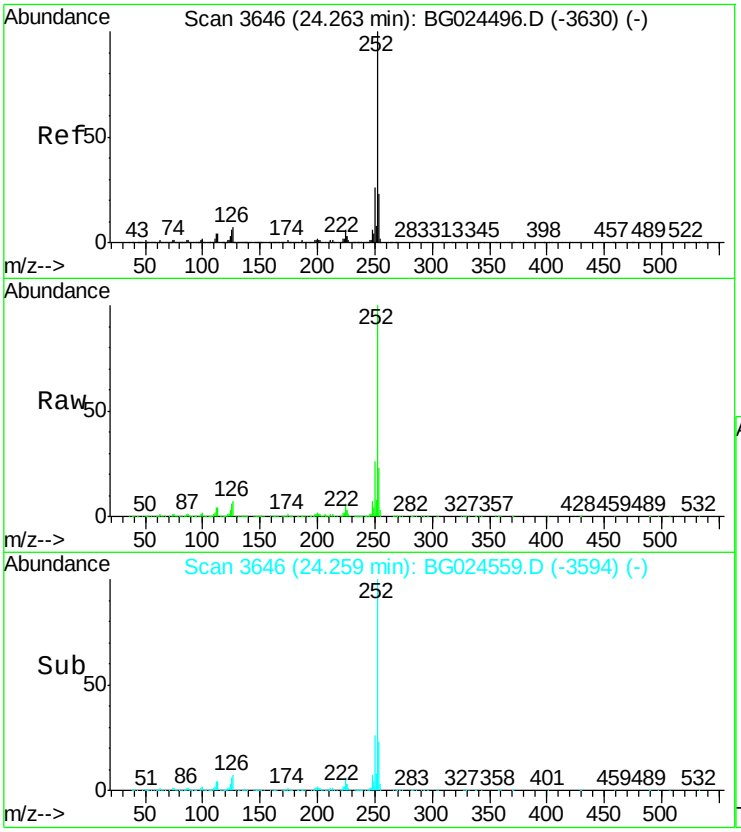




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:264 Resp: 1158836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.2 | 21.8 | 32.8 |
| 265 | 21.9 | 18.2 | 27.4 |



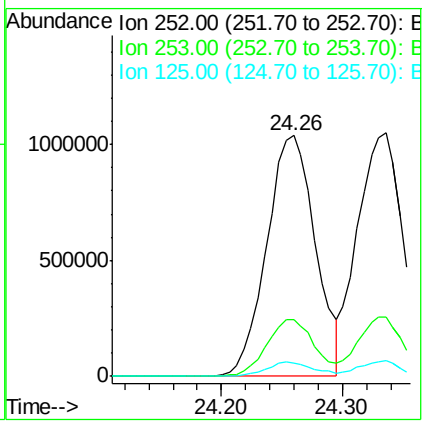


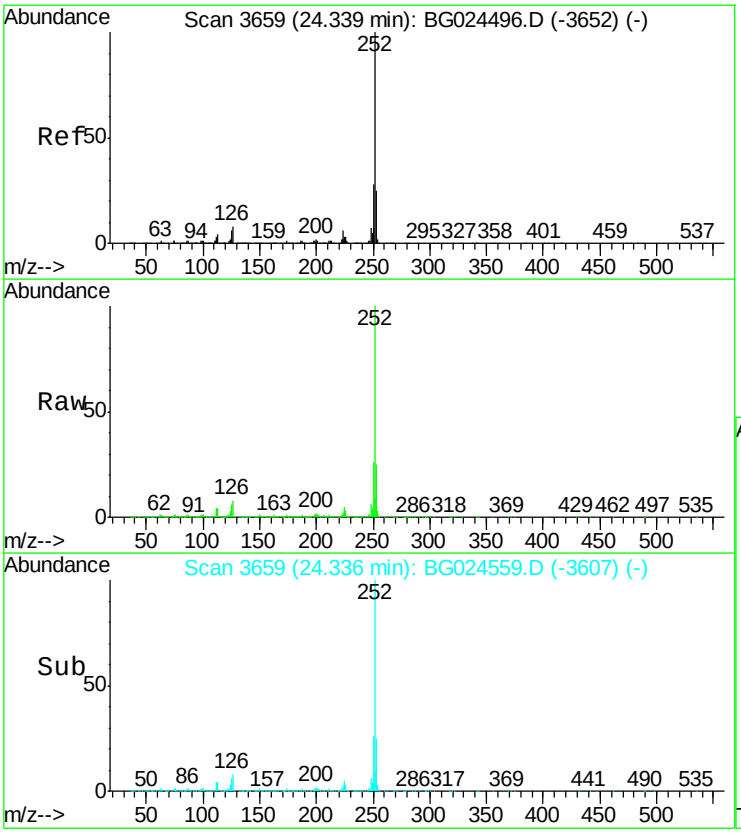

#87
Benzo(b)fluoranthene
Concen: 46.29 ng
RT: 24.26 min Scan# 3646
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:252 Resp: 2899829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 18.7 | 28.1 |
| 125 | 5.7 | 5.3 | 7.9 |

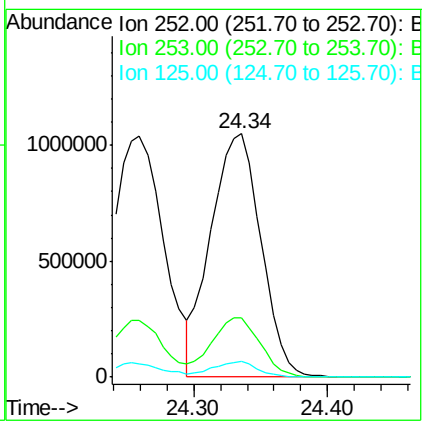


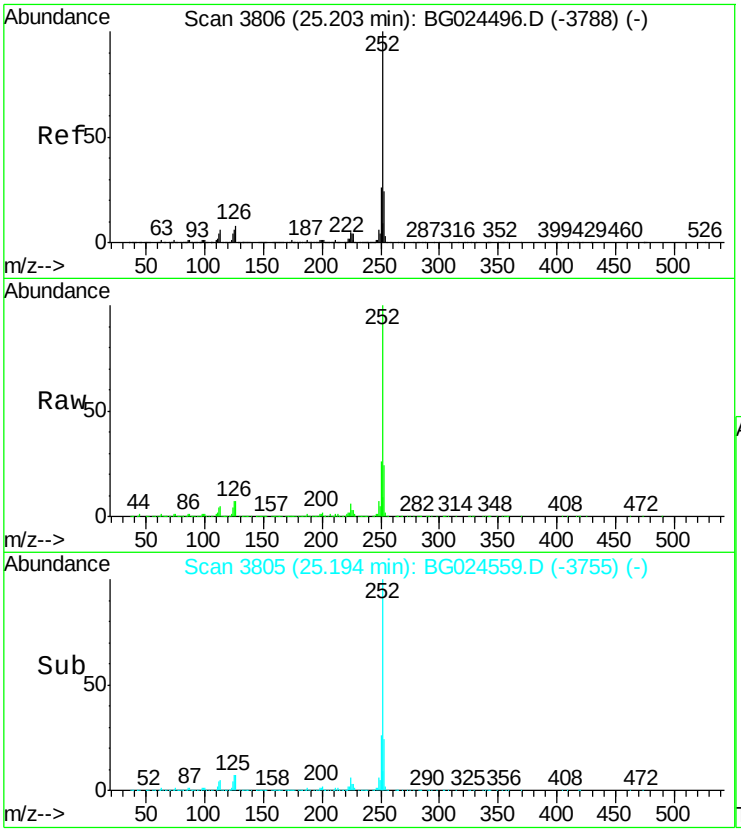




#88
Benzo(k)fluoranthene
Concen: 45.28 ng
RT: 24.34 min Scan# 3659
Delta R.T. 0.00 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:252 Resp: 2739180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.5 | 20.2 | 30.2 |
| 125 | 6.5 | 5.1 | 7.7 |



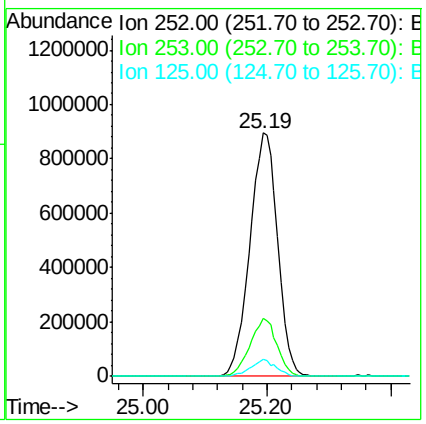


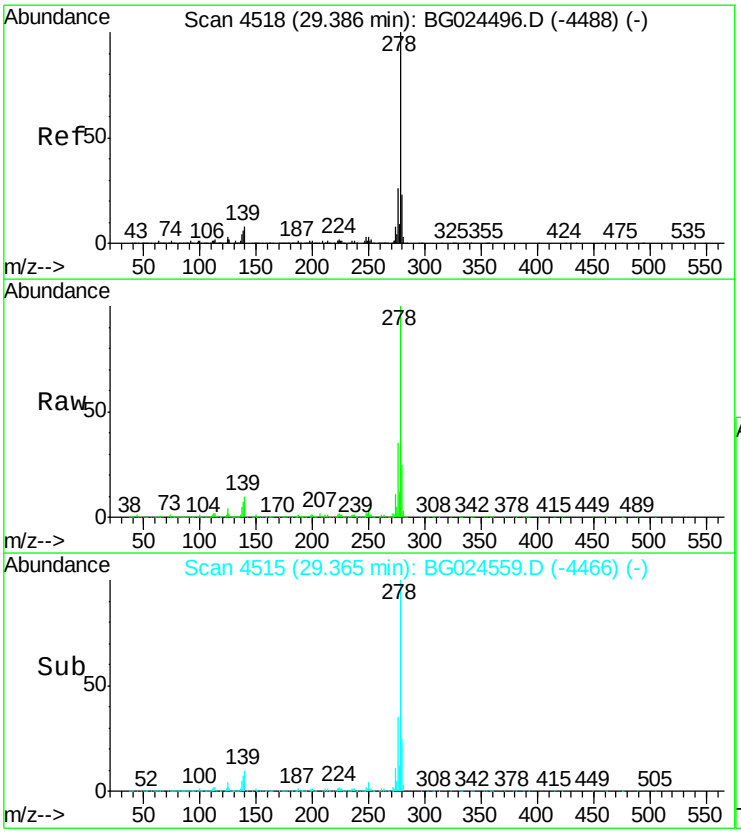

#89
Benzo(a)pyrene
Concen: 45.49 ng
RT: 25.19 min Scan# 3805
Delta R.T. -0.01 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:252 Resp: 2784338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.8 | 19.2 | 28.8 |
| 125 | 7.0 | 5.4 | 8.0 |

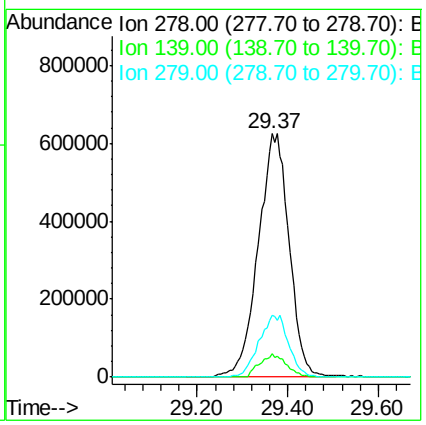


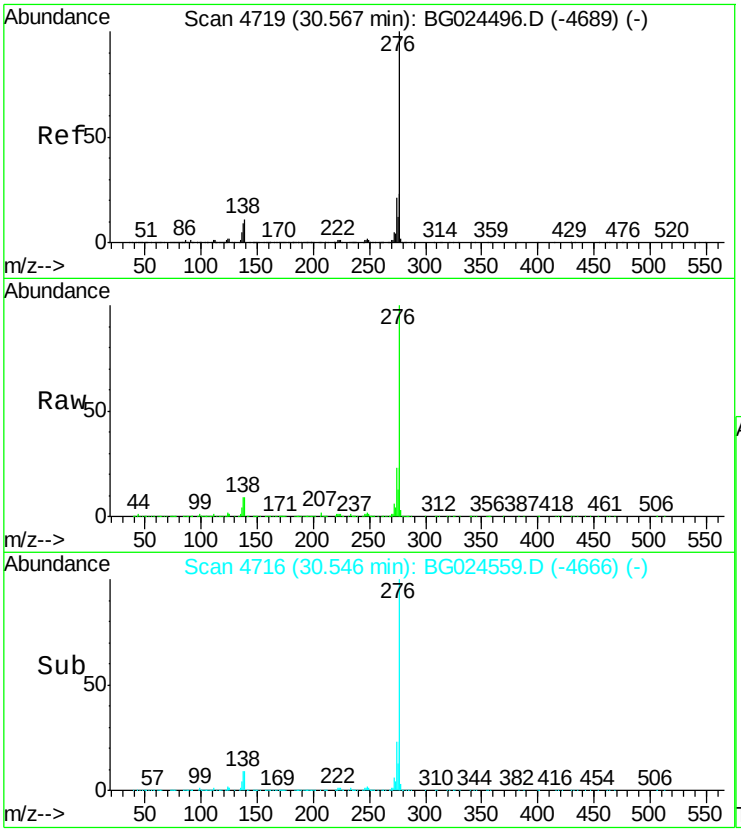




#90
Dibenzo(a,h)anthracene
Concen: 43.95 ng
RT: 29.37 min Scan# 4515
Delta R.T. -0.01 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

Tgt Ion:278 Resp: 2952690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.6 | 7.7 | 11.5 |
| 279 | 25.3 | 19.1 | 28.7 |






#91
Benzo(g,h,i)perylene
Concen: 43.77 ng
RT: 30.55 min Scan# 4716
Delta R.T. -0.01 min
Lab File: BG024559.D
Acq: 31 Oct 2016 16:53

**Instrument :**
BNA_G
**ClientSampleId :**
PB94433BS

Tgt Ion:276 Resp: 2937863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.7 | 18.6 | 27.8 |
| 138 | 9.2 | 8.1 | 12.1 |