Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031574.D
Acq On : 15 Dec 2017 00:48
Operator : SJ/JU
Sample : I6888-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 15 03:18:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.10 | 152 | 73387 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.91 | 136 | 314091 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.72 | 164 | 208922 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.47 | 188 | 544920 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.74 | 240 | 599849 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.02 | 264 | 553296 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.66 | 112 | 592698 | 143.15 | ng | | 0.00 |
| 7) Phenol-d6 | 7.27 | 99 | 756833 | 131.68 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.27 | 82 | 460578 | 90.38 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.22 | 330 | 374096 | 152.84 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.34 | 172 | 1212673 | 85.20 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.06 | 244 | 2084161 | 79.05 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.50 | 88 | 68793 | 34.824 | ng | # | 83 |
| 3) Pyridine | 3.90 | 79 | 188706 | 36.281 | ng | | 87 |
| 4) n-Nitrosodimethylamine | 3.82 | 42 | 95276 | 38.890 | ng | # | 94 |
| 6) Aniline | 7.42 | 93 | 225693 | 29.817 | ng | | 95 |
| 8) 2-Chlorophenol | 7.66 | 128 | 219330 | 47.492 | ng | | 85 |
| 9) Benzaldehyde | 7.23 | 77 | 133174 | 39.973 | ng | | 87 |
| 10) Phenol | 7.30 | 94 | 303150 | 51.343 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 7.51 | 93 | 195207 | 40.507 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 7.99 | 146 | 232555 | 42.344 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.13 | 146 | 238275 | 41.745 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 8.46 | 146 | 224912 | 41.365 | ng | | 97 |
| 15) Benzyl Alcohol | 8.34 | 79 | 181902 | 40.457 | ng | | 89 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62 | 45 | 288055 | 53.206 | ng | | 91 |
| 17) 2-Methylphenol | 8.55 | 107 | 184287 | 45.788 | ng | | 95 |
| 18) Hexachloroethane | 9.18 | 117 | 81270 | 42.240 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 8.90 | 70 | 156519 | 34.598 | ng | # | 93 |
| 20) 3+4-Methylphenols | 8.88 | 107 | 254862 | 42.507 | ng | | 97 |
| 22) Acetophenone | 8.93 | 105 | 328276 | 43.567 | ng | # | 91 |
| 24) Nitrobenzene | 9.31 | 77 | 233874 | 44.788 | ng | # | 88 |
| 25) Isophorone | 9.83 | 82 | 438051 | 45.486 | ng | # | 90 |
| 26) 2-Nitrophenol | 10.02 | 139 | 128015 | 49.578 | ng | # | 89 |
| 27) 2,4-Dimethylphenol | 10.08 | 122 | 209574 | 53.430 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93 | 277937 | 44.703 | ng | | 94 |
| 29) 2,4-Dichlorophenol | 10.57 | 162 | 240374 | 52.014 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 10.78 | 180 | 261800 | 44.350 | ng | | 97 |
| 31) Naphthalene | 10.96 | 128 | 649878 | 42.117 | ng | | 99 |
| 32) Benzoic acid | 10.22 | 122 | 21027 | 16.565 | ng | # | 79 |
| 33) 4-Chloroaniline | 11.08 | 127 | 107527 | 16.049 | ng | | 95 |
| 34) Hexachlorobutadiene | 11.24 | 225 | 167131 | 42.684 | ng | | 97 |
| 35) Caprolactam | 11.85 | 113 | 37593 | 20.717 | ng | # | 81 |
| 36) 4-Chloro-3-methylphenol | 12.20 | 107 | 241207 | 45.726 | ng | # | 85 |
| 37) 2-Methylnaphthalene | 12.56 | 142 | 514548 | 43.068 | ng | | 95 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216 | 339464 | 41.575 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 12.90 | 237 | 157480 | 62.967 | ng | | 90 |

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031574.D
Acq On : 15 Dec 2017 00:48
Operator : SJ/JU
Sample : I6888-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 15 03:18:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.17 | 196 | 212622 | 50.968 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 13.26 | 196 | 228163 | 50.773 | ng | # | 94 |
| 45) 1,1'-Biphenyl | 13.56 | 154 | 714114 | 41.616 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.61 | 162 | 551228 | 43.890 | ng | | 96 |
| 47) 2-Nitroaniline | 13.81 | 65 | 157789 | 44.710 | ng | # | 81 |
| 48) Acenaphthylene | 14.45 | 152 | 835755 | 41.356 | ng | | 98 |
| 49) Dimethylphthalate | 14.17 | 163 | 878107 | 50.768 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.30 | 165 | 176752 | 47.809 | ng | # | 76 |
| 51) Acenaphthene | 14.79 | 154 | 523843 | 40.995 | ng | | 99 |
| 52) 3-Nitroaniline | 14.64 | 138 | 101618 | 26.964 | ng | # | 83 |
| 53) 2,4-Dinitrophenol | 14.86 | 184 | 65156 | 46.505 | ng | # | 48 |
| 54) Dibenzofuran | 15.12 | 168 | 858020 | 42.079 | ng | | 99 |
| 55) 4-Nitrophenol | 14.97 | 139 | 243626 | 94.976 | ng | # | 79 |
| 56) 2,4-Dinitrotoluene | 15.09 | 165 | 248942 | 47.408 | ng | # | 74 |
| 57) Fluorene | 15.77 | 166 | 697272 | 42.677 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.35 | 232 | 224867 | 53.236 | ng | # | 90 |
| 59) Diethylphthalate | 15.53 | 149 | 753000 | 43.432 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 15.75 | 204 | 412794 | 41.296 | ng | | 91 |
| 61) 4-Nitroaniline | 15.81 | 138 | 180859 | 45.730 | ng | | 87 |
| 62) Azobenzene | 16.05 | 77 | 594868 | 41.420 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.86 | 198 | 109372 | 34.678 | ng | # | 75 |
| 65) n-Nitrosodiphenylamine | 15.97 | 169 | 666581 | 41.792 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.65 | 248 | 278078 | 43.885 | ng | | 99 |
| 67) Hexachlorobenzene | 16.78 | 284 | 284424 | 43.469 | ng | | 94 |
| 68) Atrazine | 16.92 | 200 | 288209 | 49.418 | ng | | 95 |
| 69) Pentachlorophenol | 17.13 | 266 | 244469 | 77.888 | ng | | 99 |
| 70) Phenanthrene | 17.51 | 178 | 1198275 | 42.105 | ng | | 97 |
| 71) Anthracene | 17.60 | 178 | 1225273 | 43.532 | ng | | 99 |
| 72) Carbazole | 17.87 | 167 | 1146616 | 45.016 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.41 | 149 | 1291838 | 43.919 | ng | | 99 |
| 74) Fluoranthene | 19.51 | 202 | 1558523 | 43.759 | ng | | 96 |
| 76) Benzidine | 19.69 | 184 | 853794 | 61.162 | ng | | 97 |
| 77) Pyrene | 19.88 | 202 | 1565559 | 42.003 | ng | | 96 |
| 79) Butylbenzylphthalate | 20.74 | 149 | 615720 | 47.089 | ng | | 86 |
| 80) Benzo(a)anthracene | 21.72 | 228 | 1545753 | 42.693 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.63 | 252 | 329795 | 26.172 | ng | # | 98 |
| 82) Chrysene | 21.79 | 228 | 1463787 | 42.173 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.59 | 149 | 862887 | 45.870 | ng | | 99 |
| 84) Di-n-octyl phthalate | 22.82 | 149 | 1406079 | 45.313 | ng | # | 93 |
| 85) Indeno(1,2,3-cd)pyrene | 28.78 | 276 | 1443215 | 38.907 | ng | # | 53 |
| 87) Benzo(b)fluoranthene | 23.98 | 252 | 1443572 | 43.640 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 24.04 | 252 | 1432627 | 42.439 | ng | | 96 |
| 89) Benzo(a)pyrene | 24.87 | 252 | 1384779 | 44.130 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 28.83 | 278 | 1201844 | 40.052 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 29.97 | 276 | 1181290 | 40.042 | ng | | 96 |

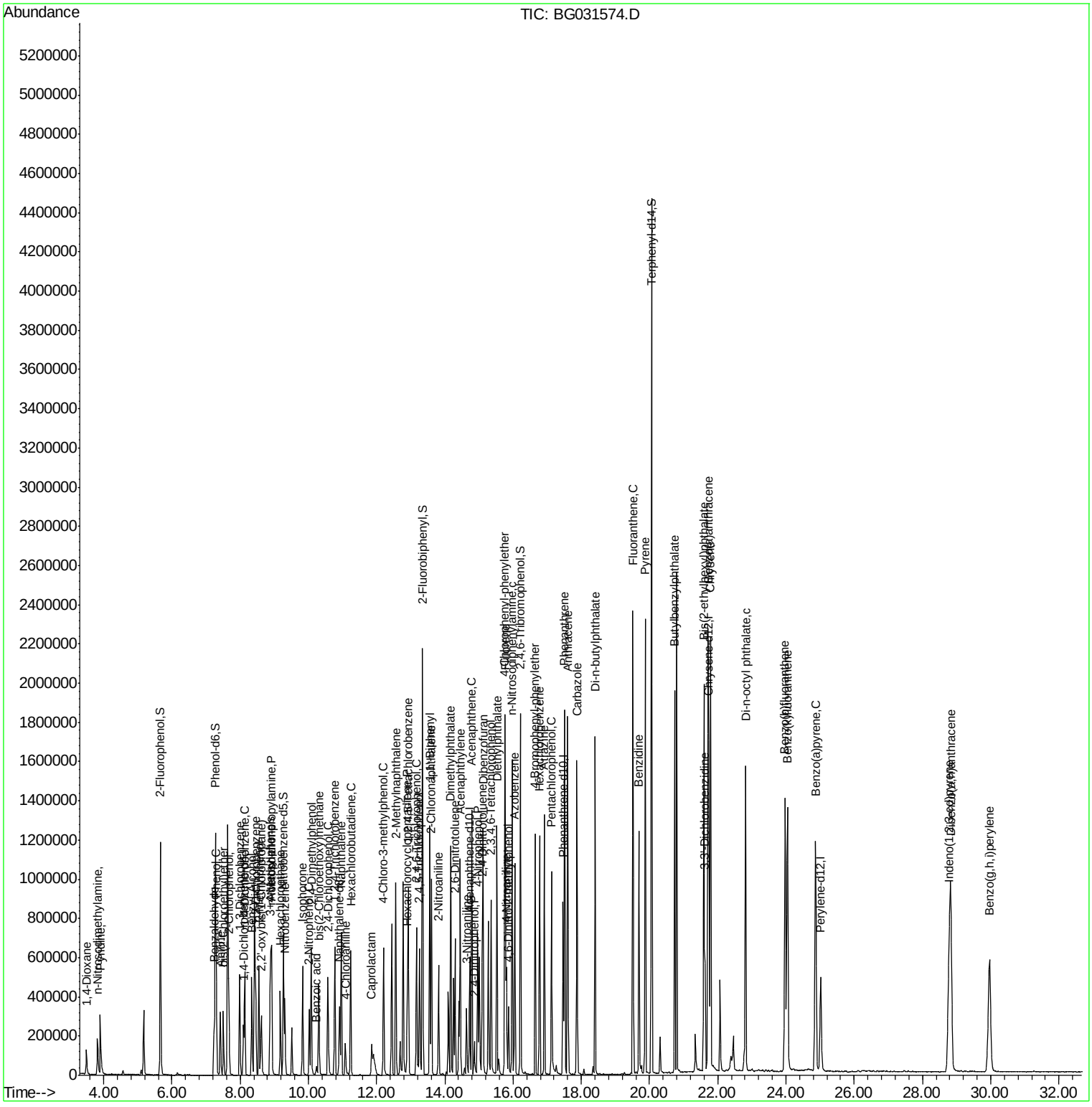
(#) = qualifier out of range (m) = manual integration (+) = signals summed

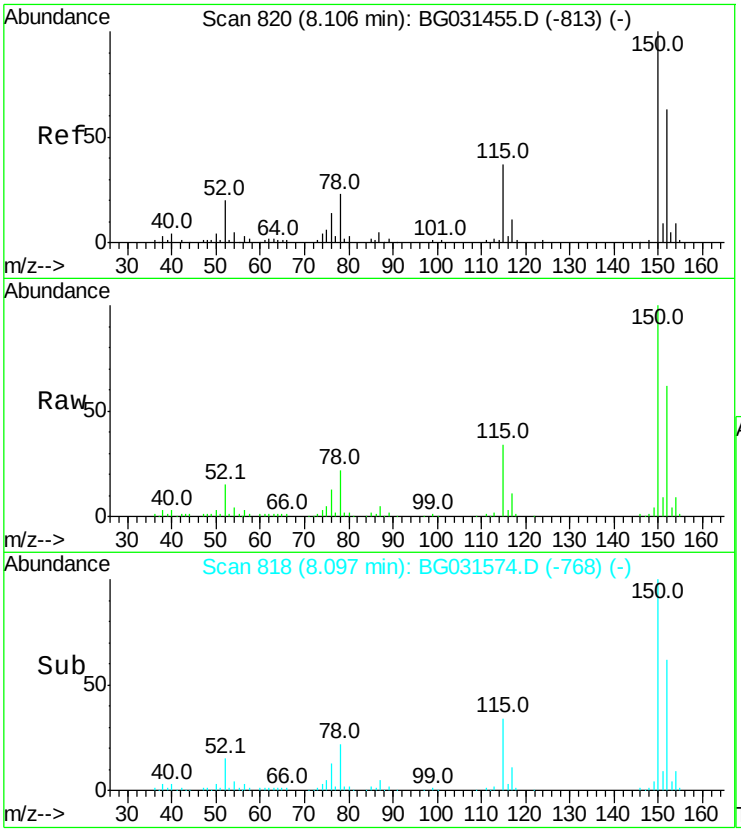
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031574.D
Acq On : 15 Dec 2017 00:48
Operator : SJ/JU
Sample : I6888-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 15 03:18:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration



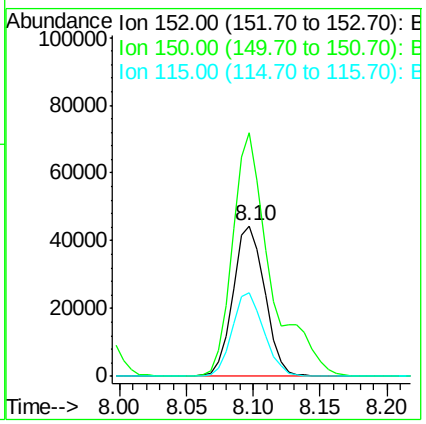


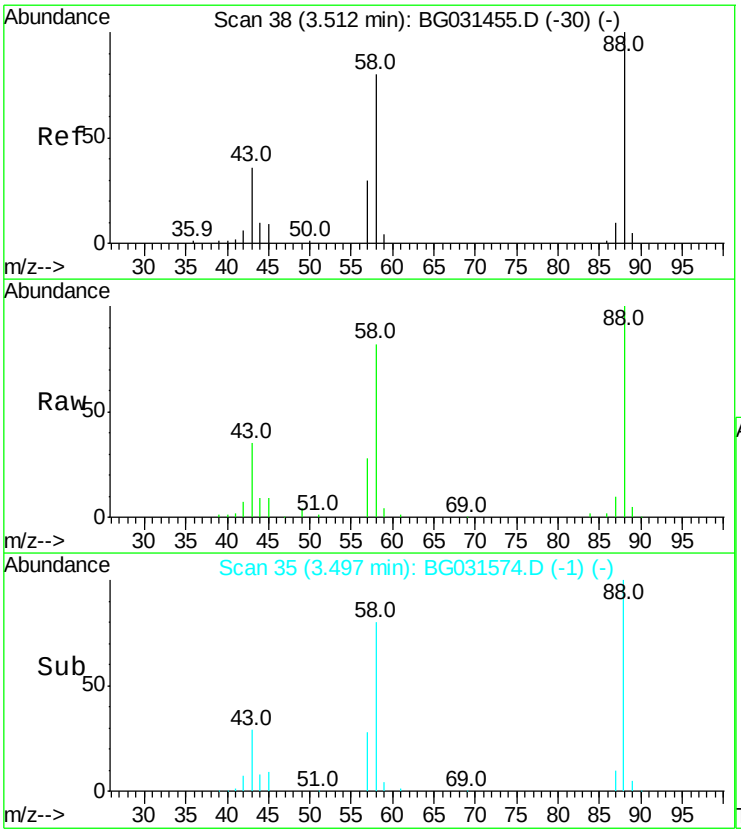

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:152 Resp: 73387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.7 | 126.6 | 189.8 |
| 115 | 55.7 | 53.0 | 79.4 |

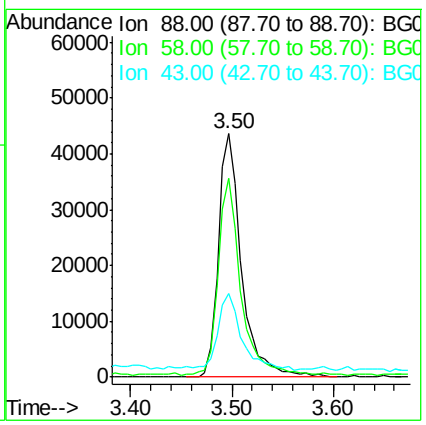


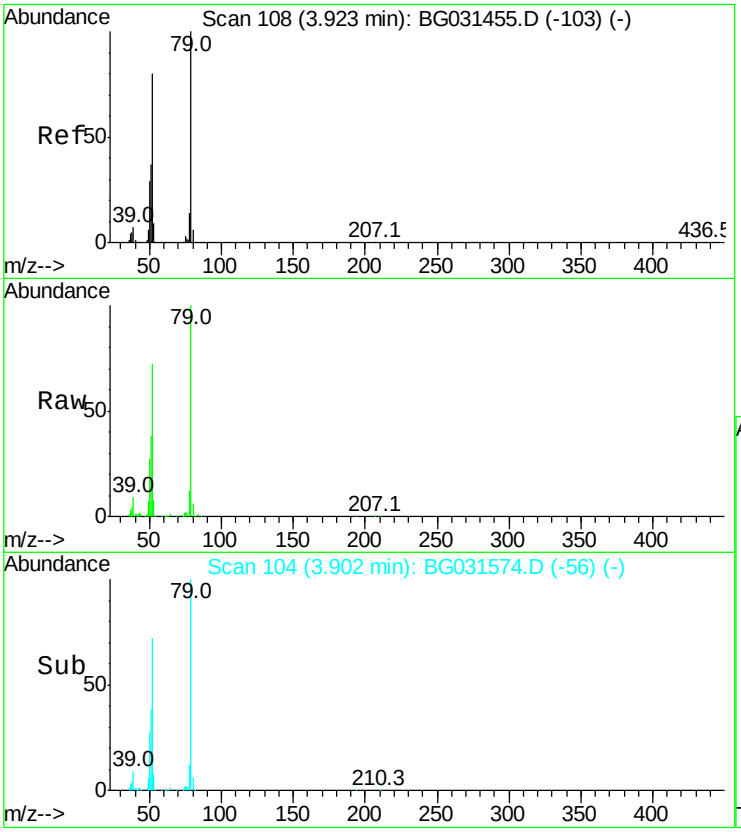




#2
1,4-Dioxane
Concen: 34.824 ng
RT: 3.50 min Scan# 35
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion: 88 Resp: 68793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.8 | 79.6 | 119.4# |
| 43 | 31.4 | 27.4 | 41.0 |



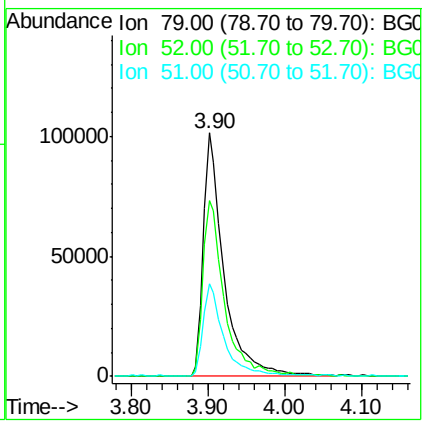


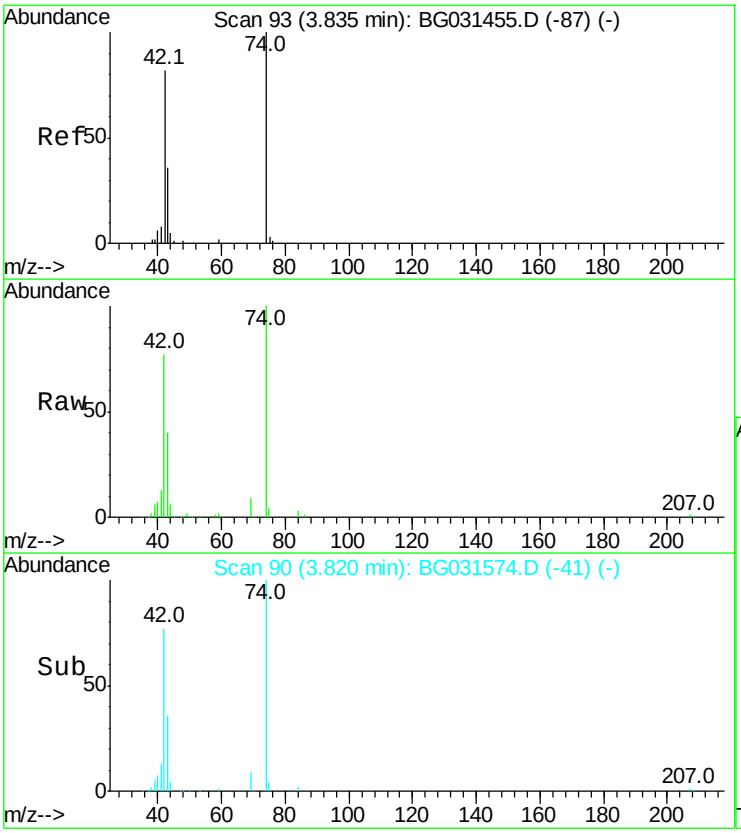

#3
Pyridine
Concen: 36.281 ng
RT: 3.90 min Scan# 104
Delta R.T. -0.02 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion: 79 Resp: 188706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 72.2 | 69.9 | 104.9 |
| 51 | 38.1 | 34.0 | 51.0 |

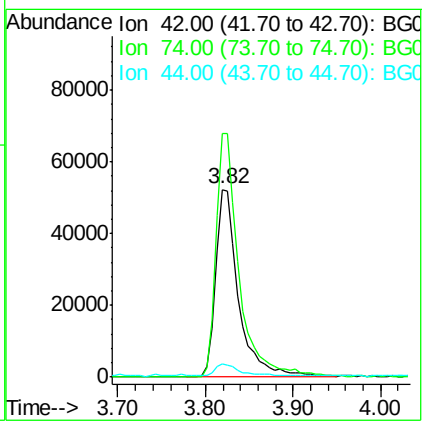


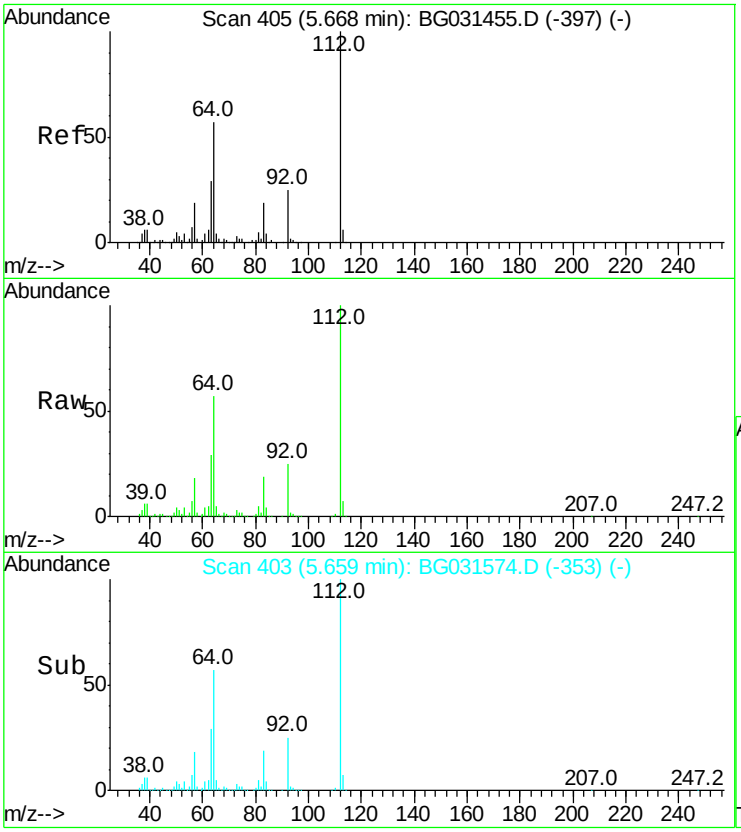




#4
n-Nitrosodimethylamine
Concen: 38.890 ng
RT: 3.82 min Scan# 90
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion: 42 Resp: 95276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 129.6 | 102.5 | 153.7 |
| 44 | 7.3 | 18.9 | 28.3# |



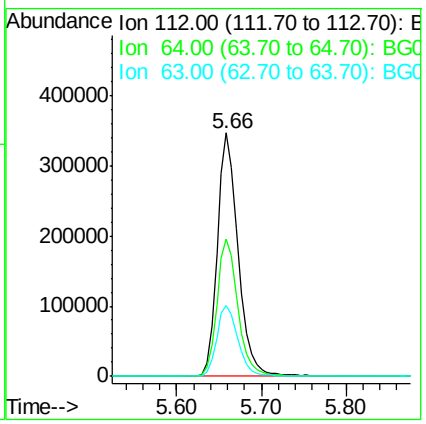


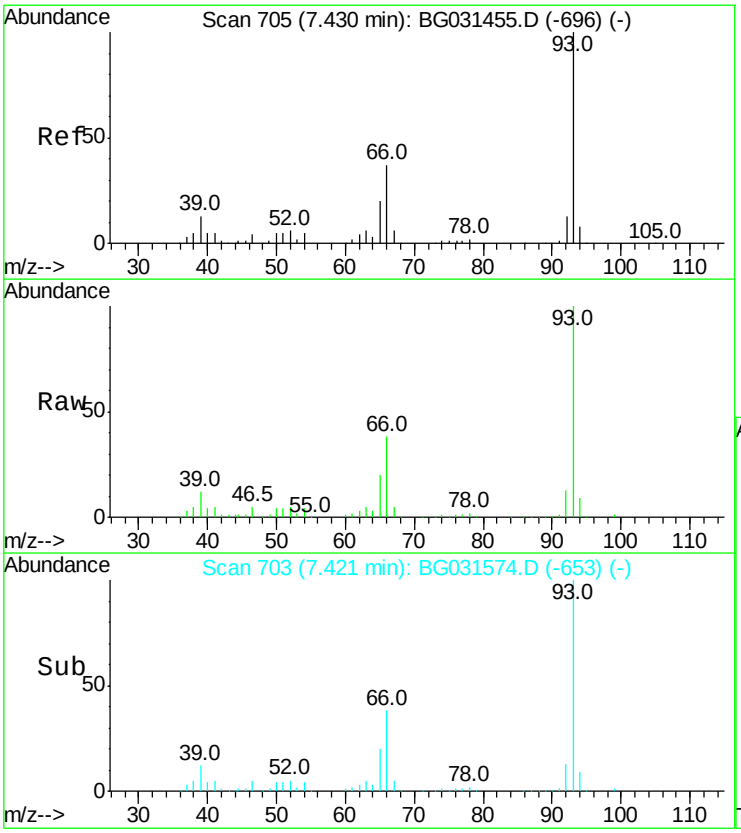

#5
2-Fluorophenol
Concen: 143.155 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:112 Resp: 592698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.6 | 56.3 | 84.5 |
| 63 | 29.3 | 30.1 | 45.1# |

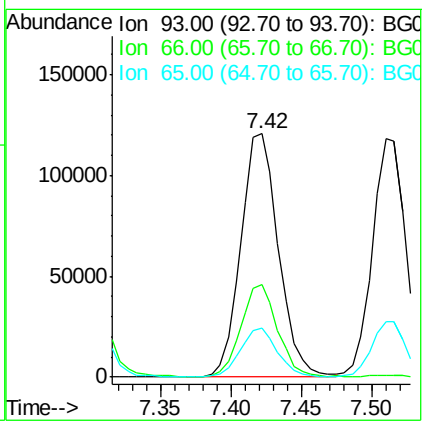


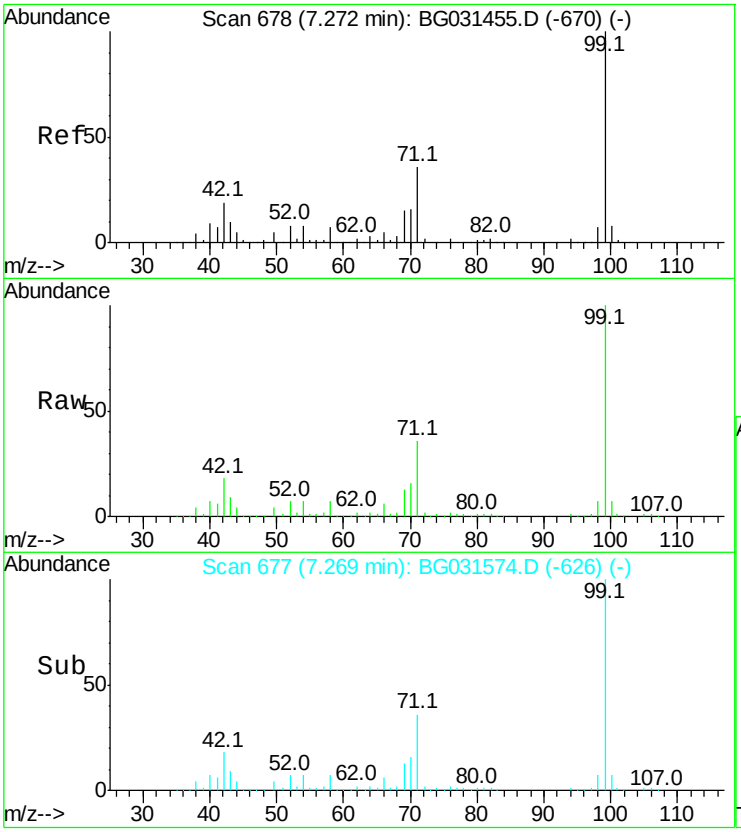




#6
Aniline
Concen: 29.817 ng
RT: 7.42 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion: 93 Resp: 225693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 37.9 | 33.7 | 50.5 |
| 65 | 20.3 | 16.1 | 24.1 |



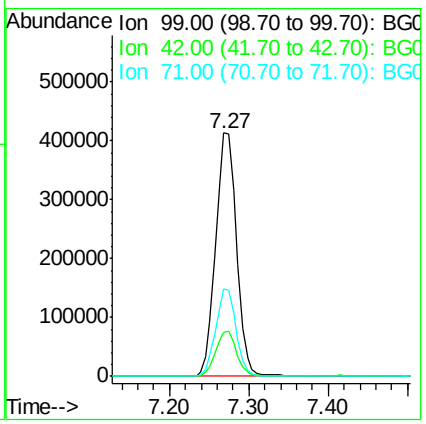


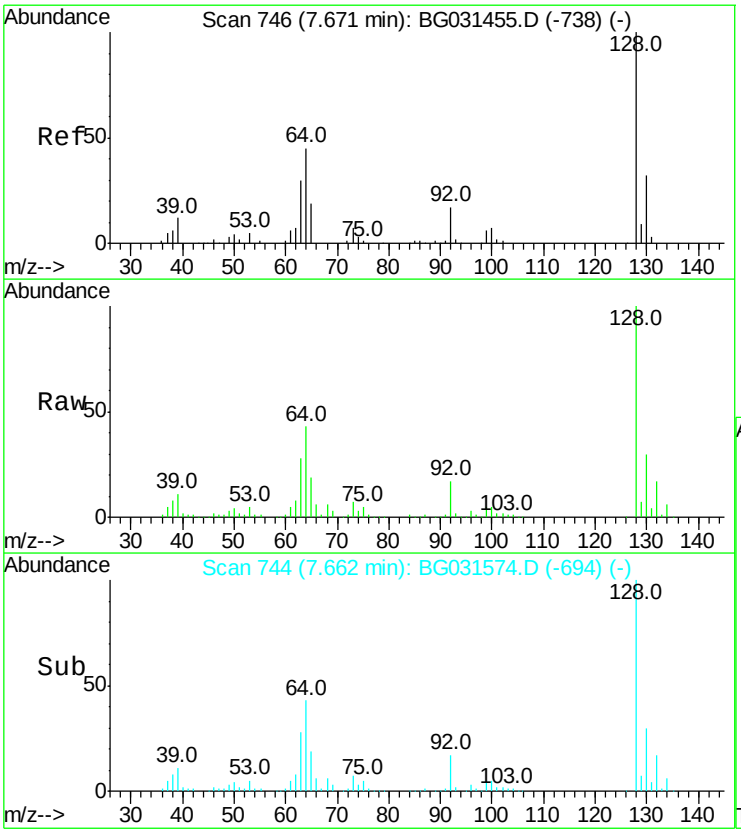

#7
Phenol-d6
Concen: 131.677 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion: 99 Resp: 756833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.1 | 14.1 | 21.1 |
| 71 | 35.9 | 26.1 | 39.1 |

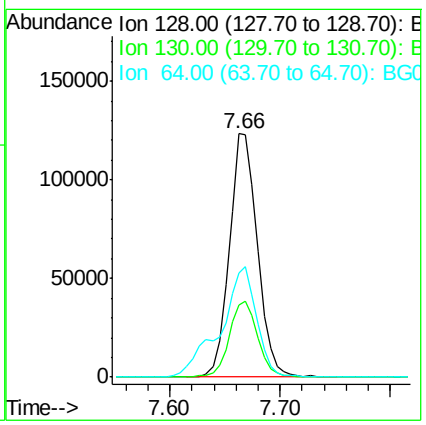


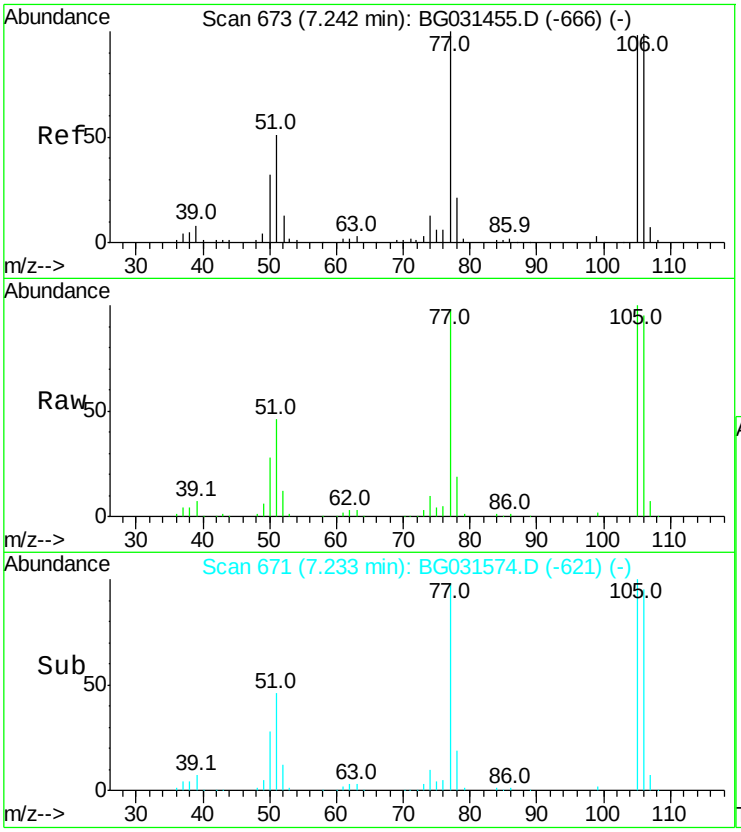




#8
2-Chlorophenol
Concen: 47.492 ng
RT: 7.66 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:128 Resp: 219330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 29.8 | 14.0 | 54.0 |
| 64 | 42.7 | 37.7 | 77.7 |



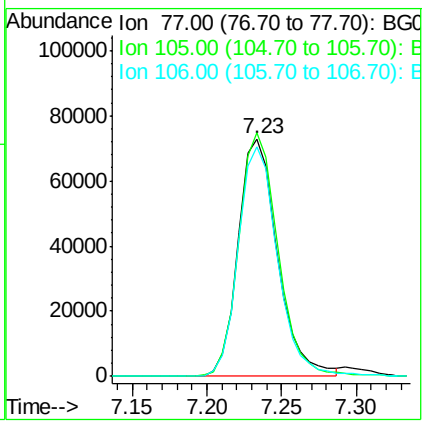


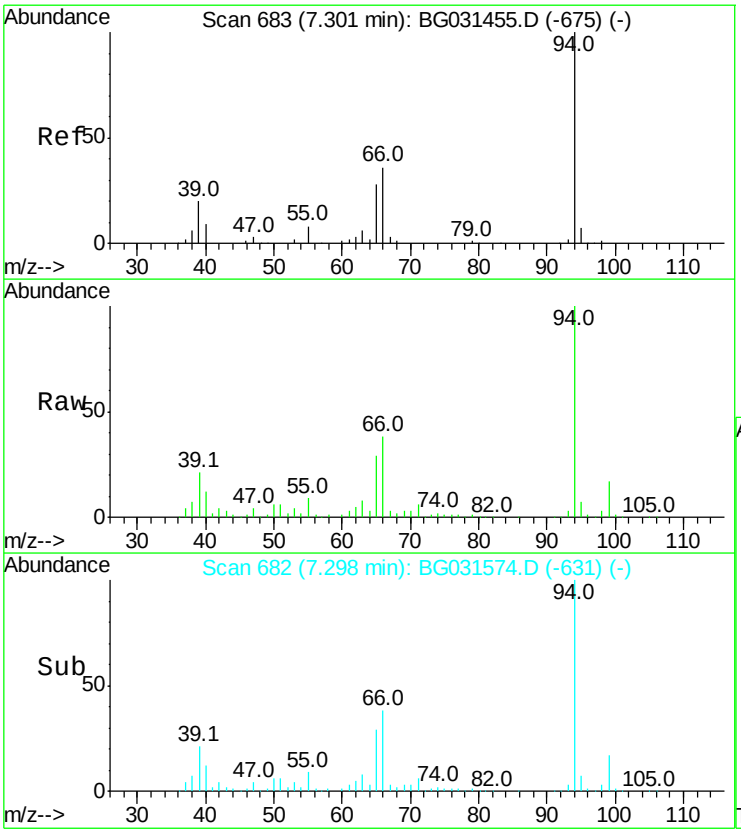

#9
Benzaldehyde
Concen: 39.973 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion: 77 Resp: 133174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.5 | 71.3 | 111.3 |
| 106 | 96.9 | 64.2 | 104.2 |

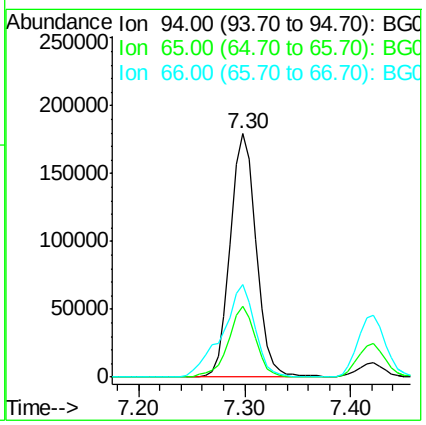


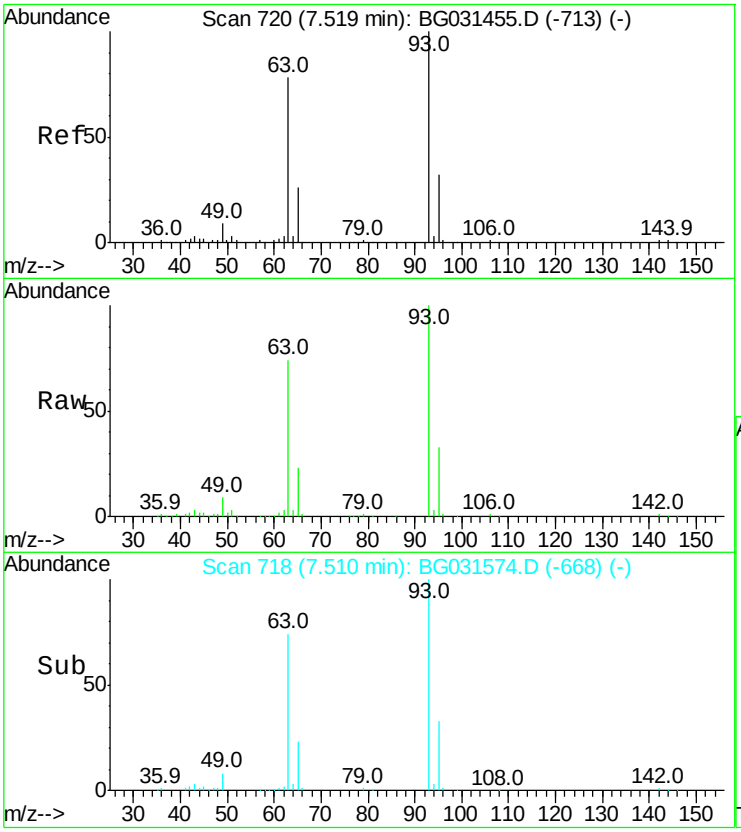




#10
Phenol
Concen: 51.343 ng
RT: 7.30 min Scan# 682
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion: 94 Resp: 303150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.3 | 11.9 | 51.9 |
| 66 | 37.8 | 22.2 | 62.2 |



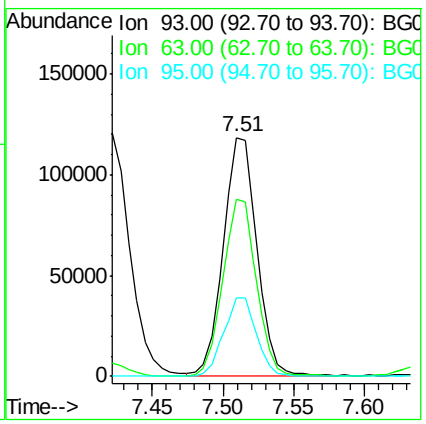


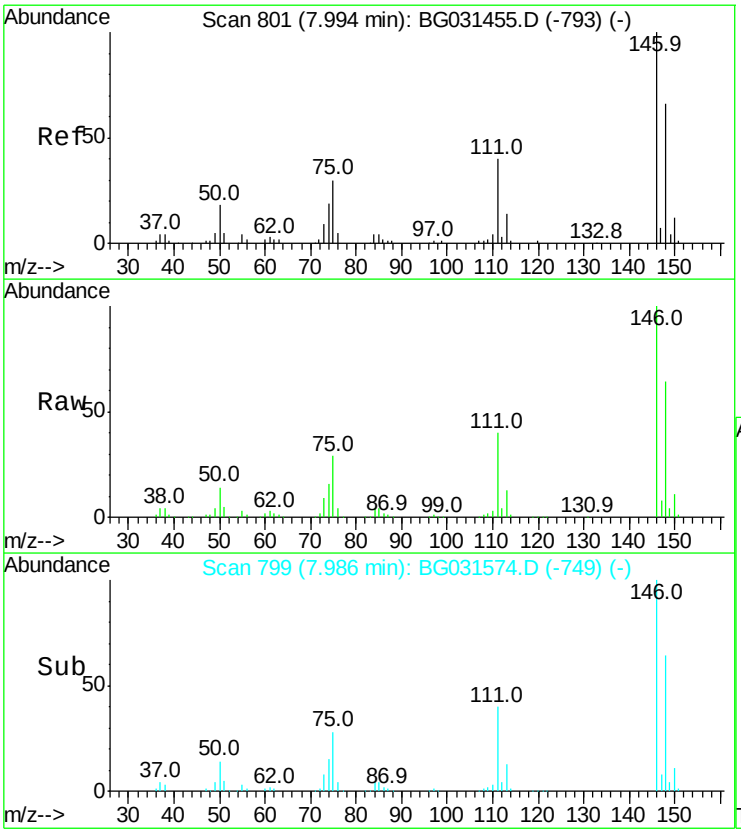

#11
bis(2-Chloroethyl)ether
Concen: 40.507 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion: 93 Resp: 195207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 74.1 | 67.1 | 107.1 |
| 95 | 32.7 | 11.5 | 51.5 |

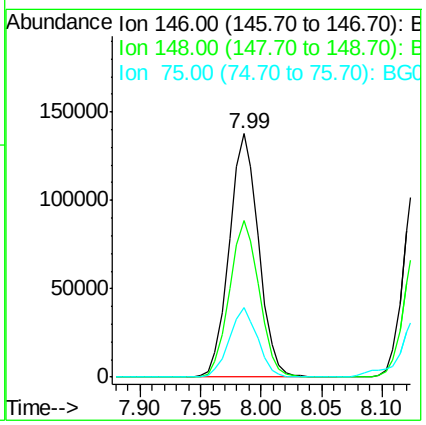


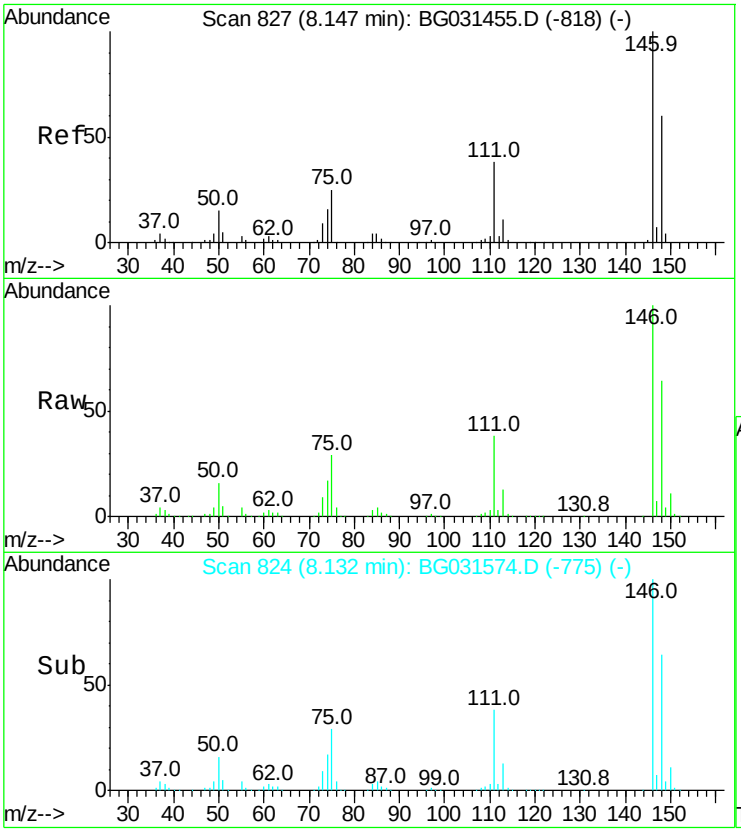




#12
1,3-Dichlorobenzene
Concen: 42.344 ng
RT: 7.99 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:146 Resp: 232555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.4 | 77.2 |
| 75 | 28.6 | 26.6 | 39.8 |



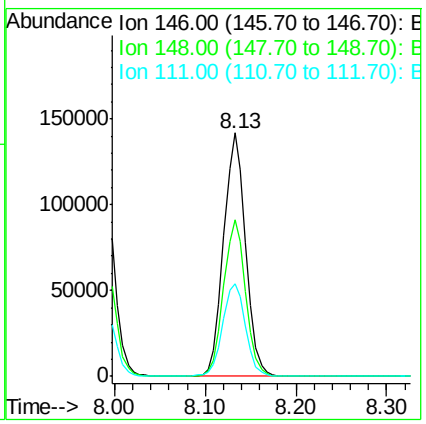


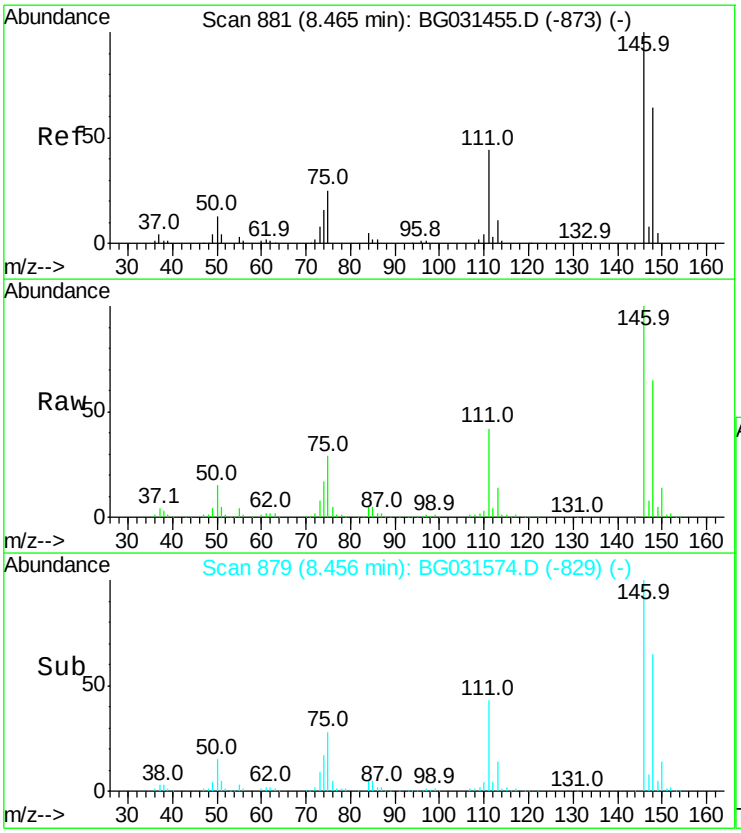

#13
1,4-Dichlorobenzene
Concen: 41.745 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:146 Resp: 238275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 53.7 | 80.5 |
| 111 | 38.3 | 35.2 | 52.8 |

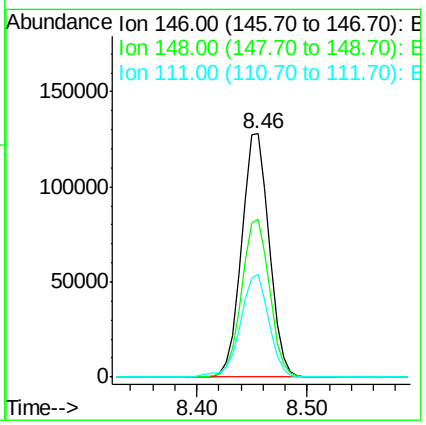


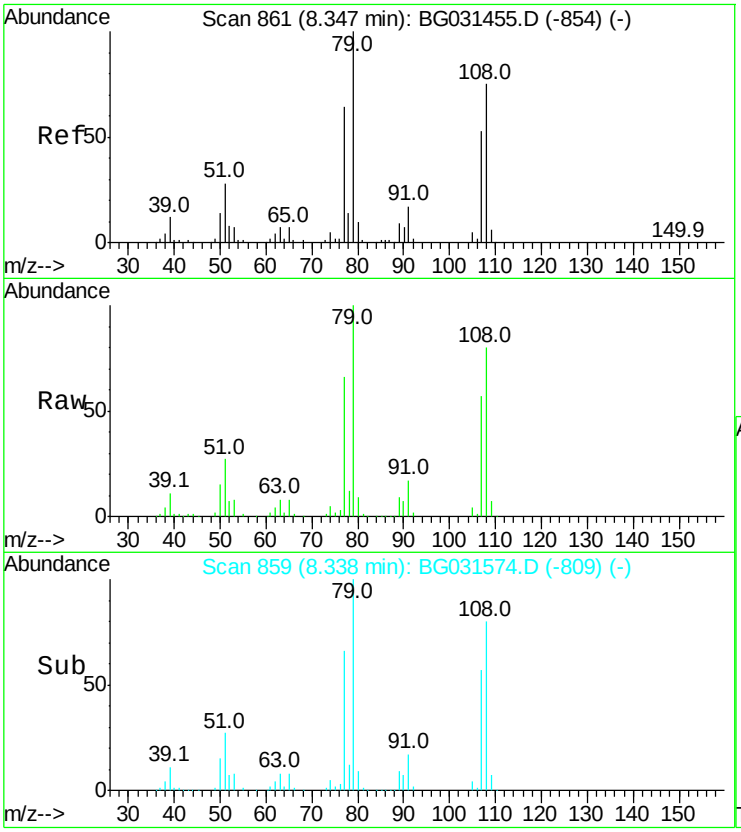




#14
1,2-Dichlorobenzene
Concen: 41.365 ng
RT: 8.46 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:146 Resp: 224912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 49.3 | 73.9 |
| 111 | 42.3 | 34.3 | 51.5 |



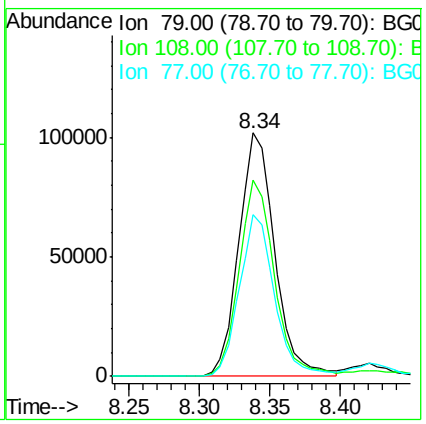


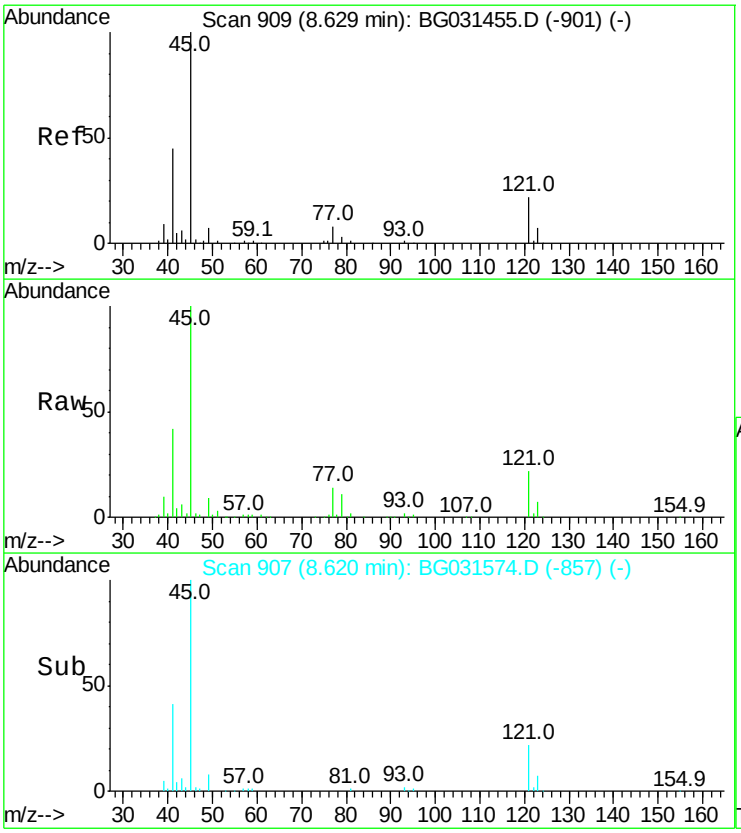

#15
Benzyl Alcohol
Concen: 40.457 ng
RT: 8.34 min Scan# 859
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion: 79 Resp: 181902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 80.4 | 57.2 | 85.8 |
| 77 | 66.4 | 46.1 | 69.1 |

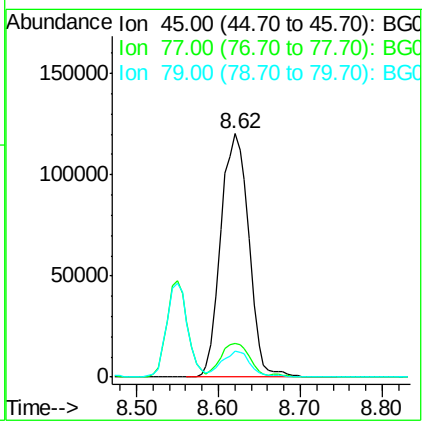


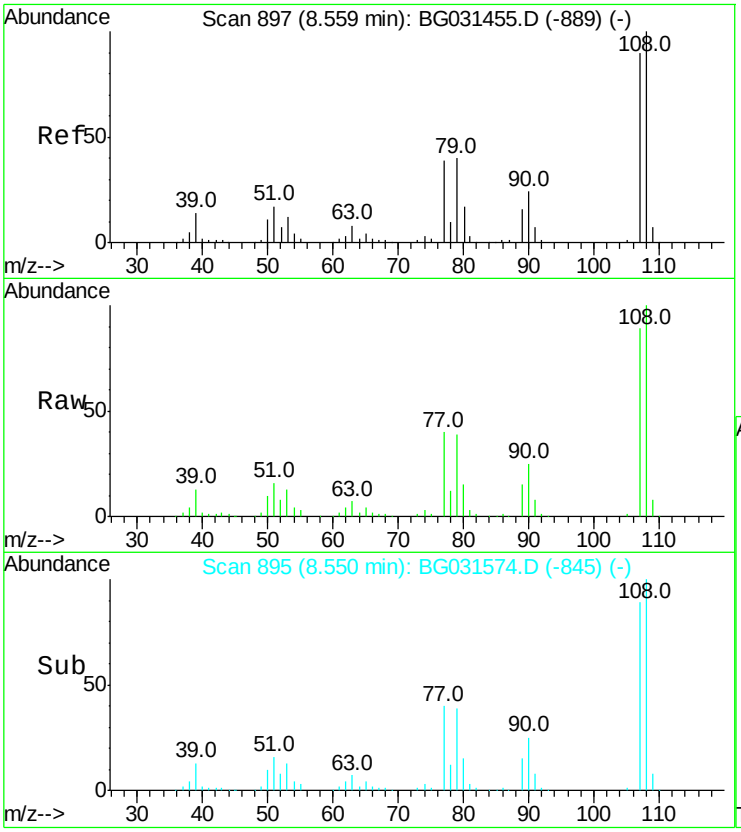




#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.206 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion: 45 Resp: 288055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.0 | 0.0 | 30.2 |
| 79 | 10.8 | 0.0 | 27.9 |



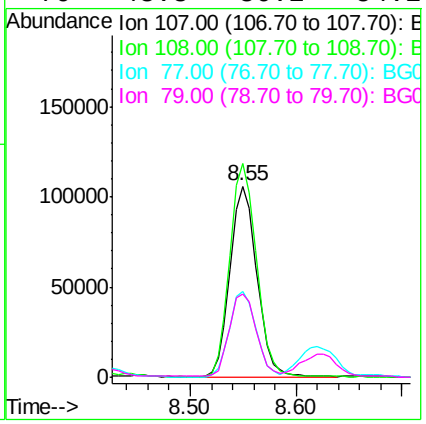


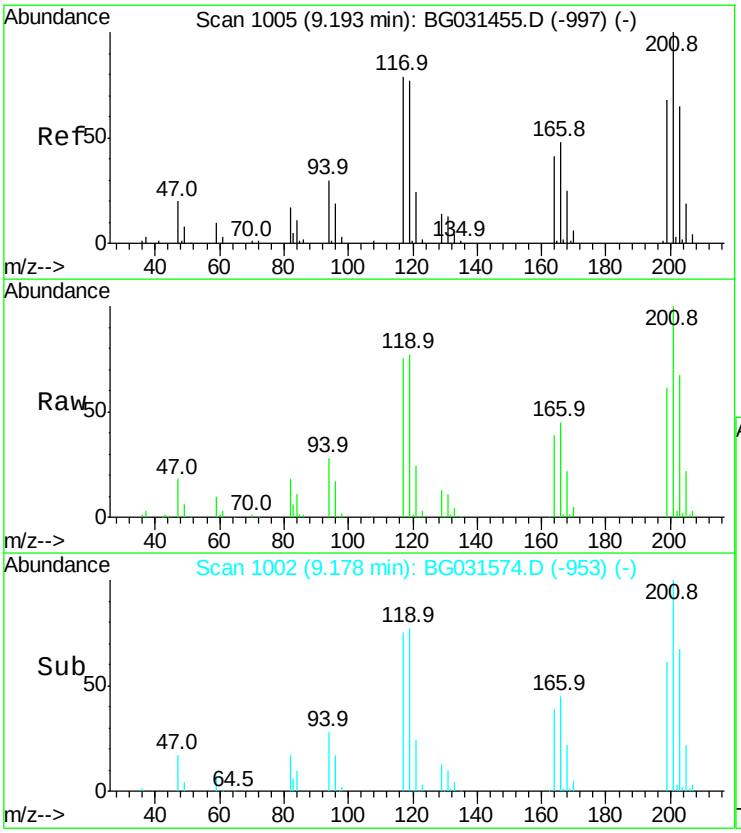

#17
2-Methylphenol
Concen: 45.788 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:107 Resp: 184287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.9 | 83.9 | 125.9 |
| 77 | 45.2 | 37.2 | 55.8 |
| 79 | 43.8 | 36.2 | 54.2 |

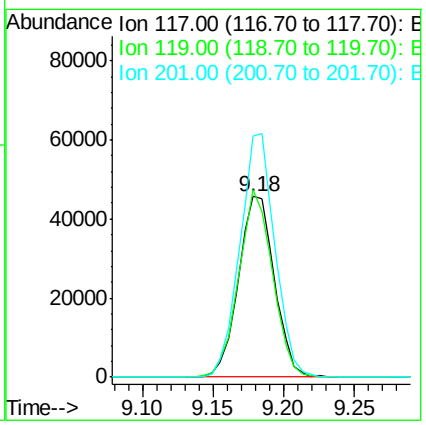


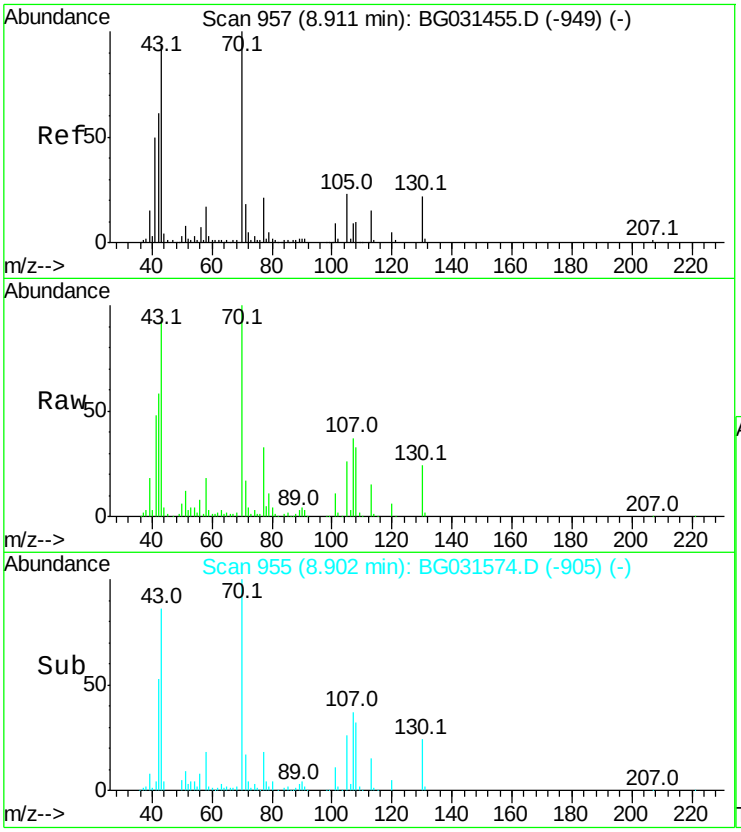




#18
Hexachloroethane
Concen: 42.240 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:117 Resp: 81270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 103.3 | 76.7 | 115.1 |
| 201 | 133.4 | 95.7 | 143.5 |



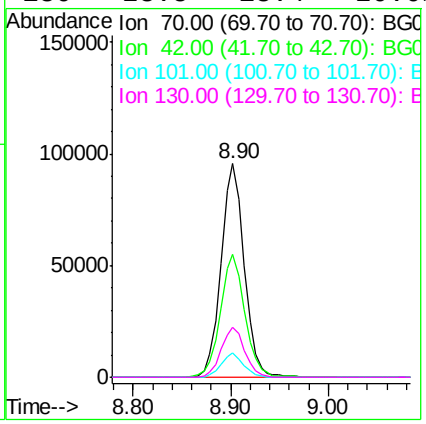


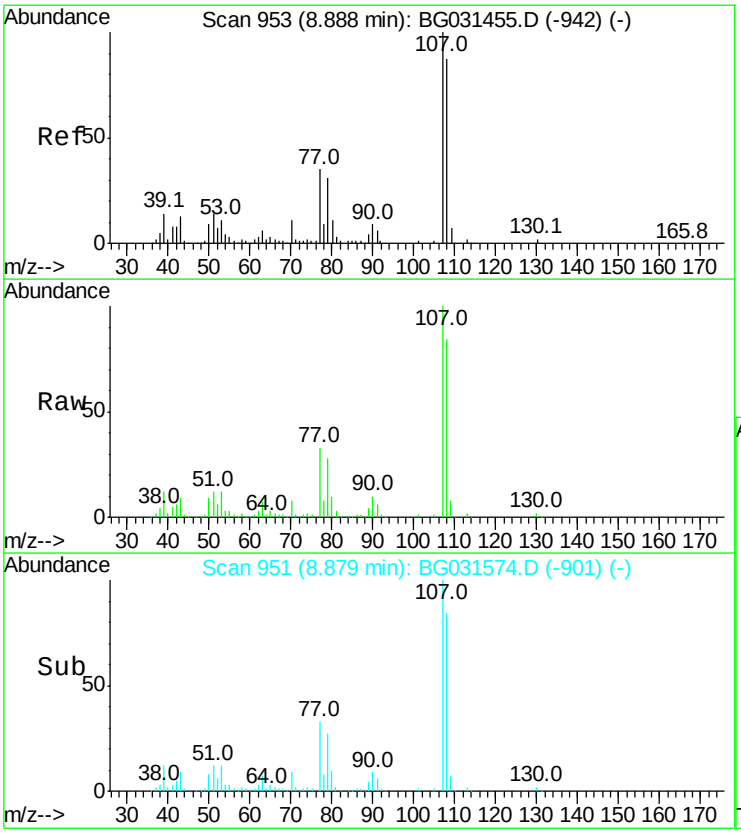

#19
n-Nitroso-di-n-propylamine
Concen: 34.598 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion: 70 Resp: 156519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.7 | 49.1 | 73.7 |
| 101 | 11.2 | 8.5 | 12.7 |
| 130 | 23.5 | 13.4 | 20.0# |

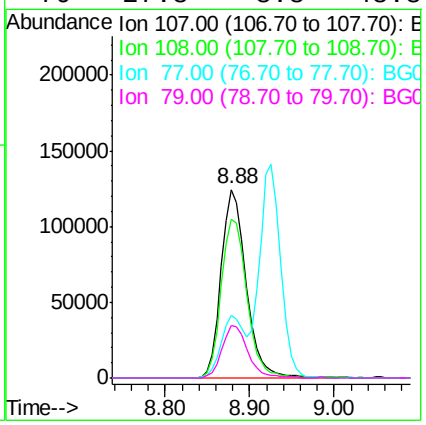


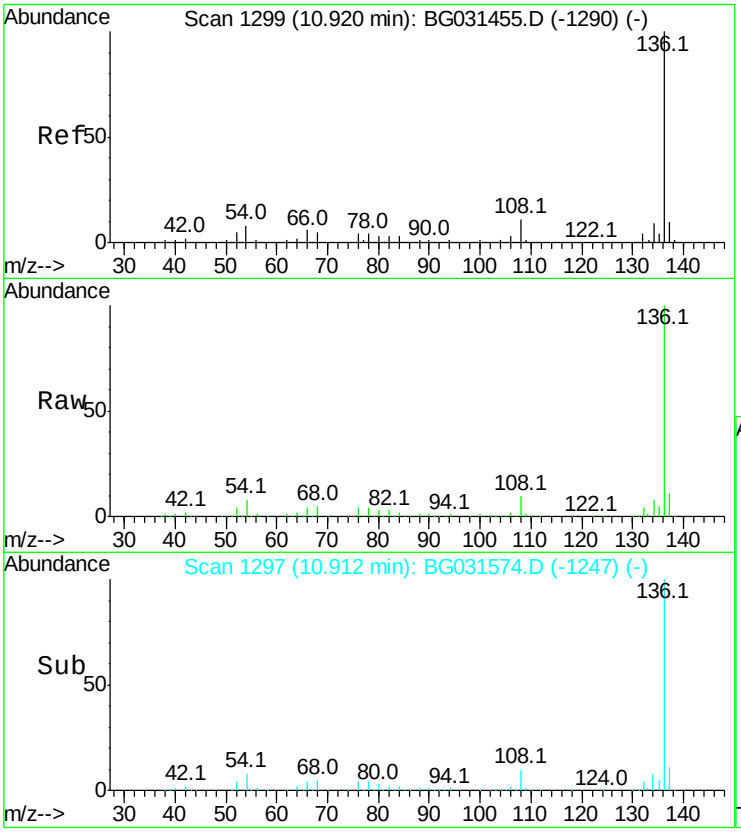




#20
3+4-Methylphenols
Concen: 42.507 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:107 Resp: 254862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 84.4 | 61.6 | 101.6 |
| 77 | 33.0 | 13.9 | 53.9 |
| 79 | 27.8 | 8.8 | 48.8 |



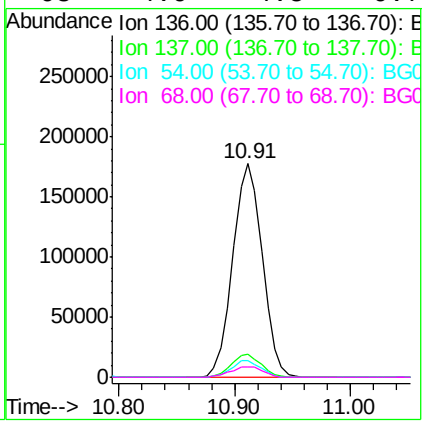


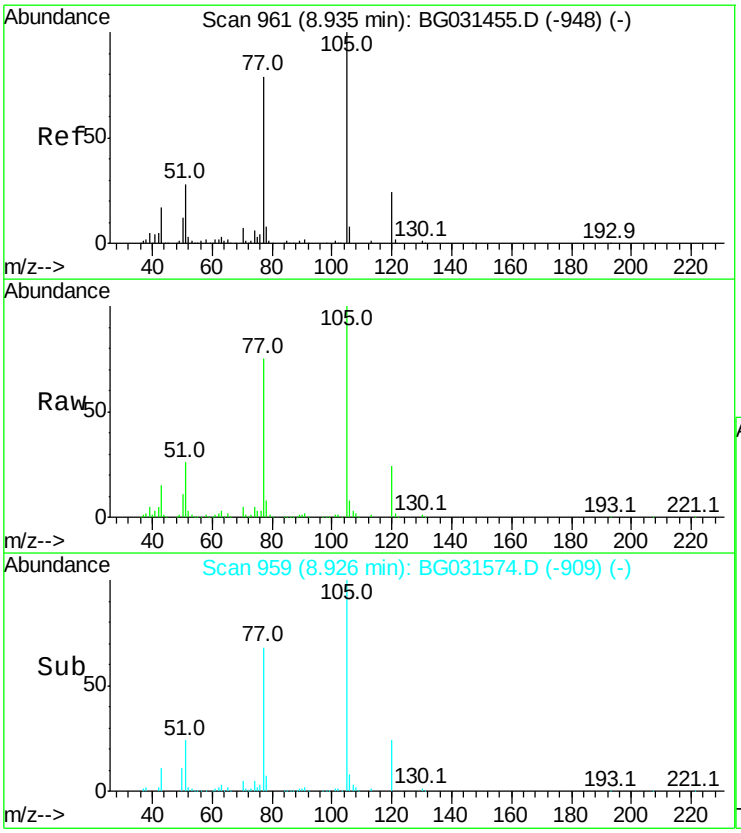

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:136 Resp: 314091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.2 | 13.8 |
| 54 | 7.8 | 10.3 | 15.5# |
| 68 | 4.9 | 4.5 | 6.7 |

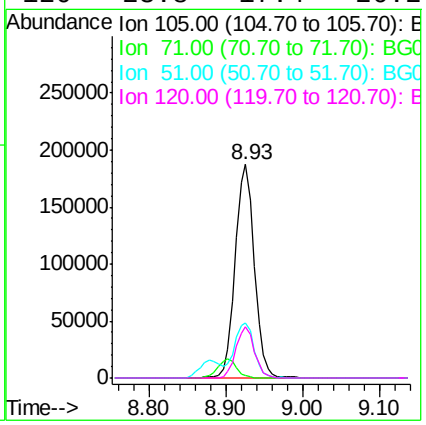


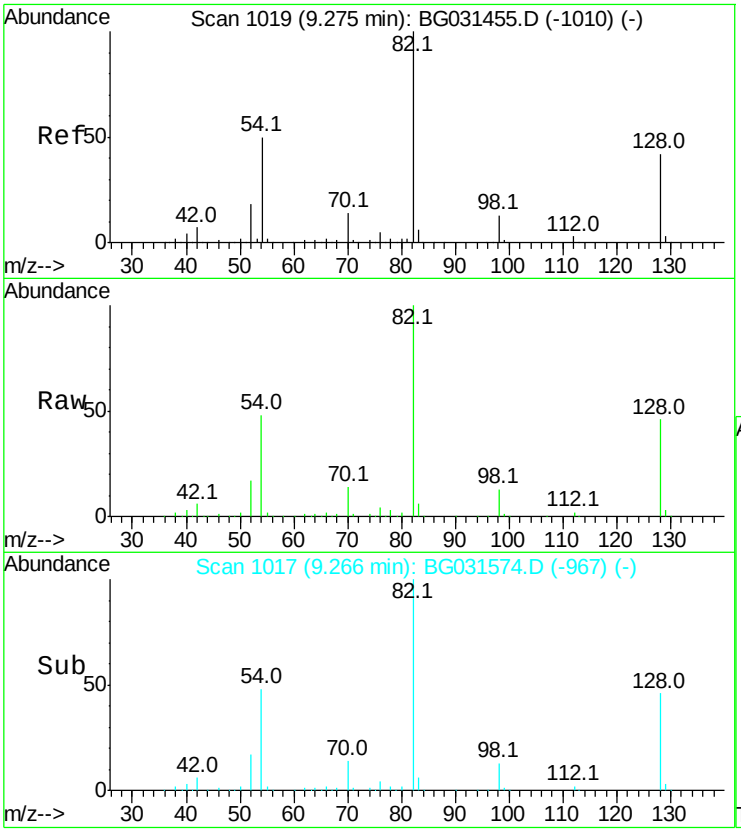




#22
Acetophenone
Concen: 43.567 ng
RT: 8.93 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:105 Resp: 328276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.1 | 3.0 | 4.4# |
| 51 | 25.6 | 26.1 | 39.1# |
| 120 | 23.8 | 17.4 | 26.2 |



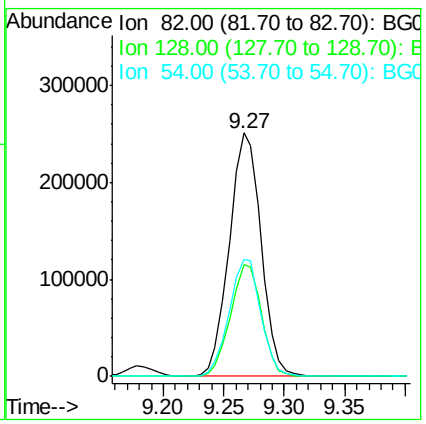


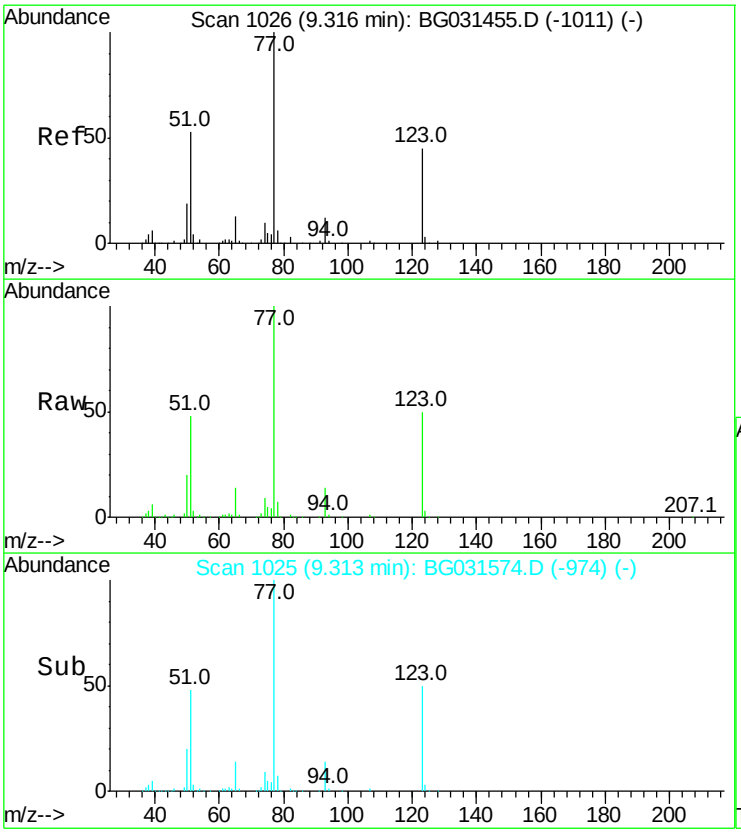

#23
Nitrobenzene-d5
Concen: 90.383 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion: 82 Resp: 460578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.1 | 29.7 | 44.5# |
| 54 | 48.0 | 43.1 | 64.7 |

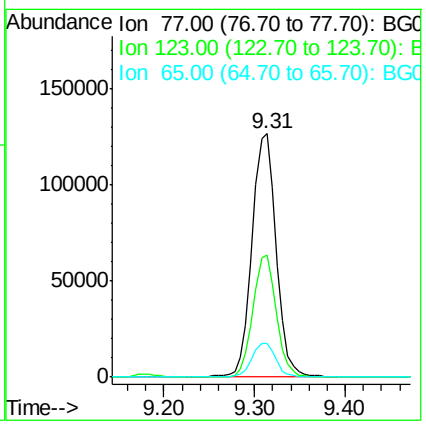


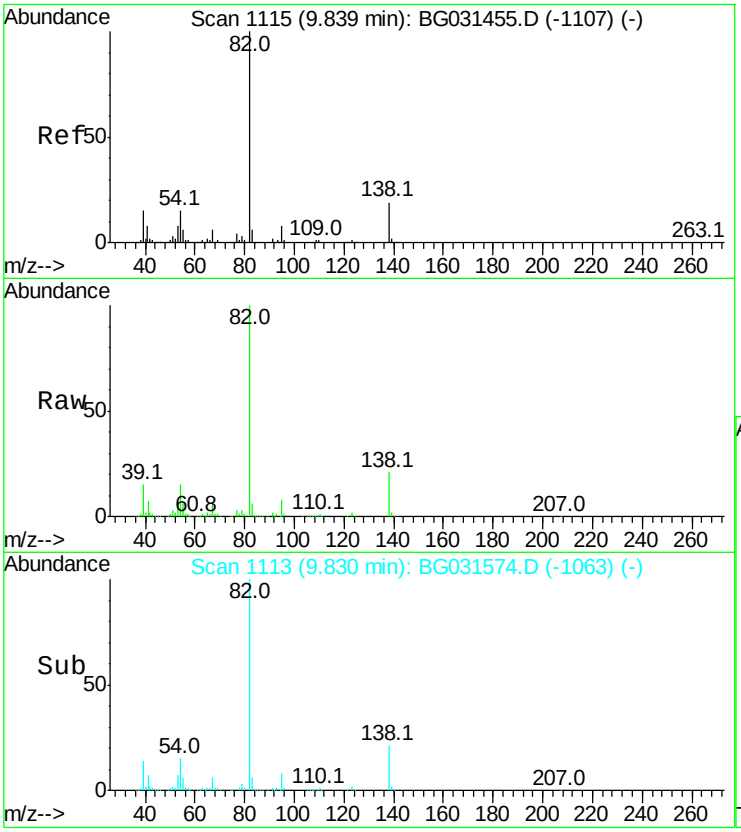




#24
Nitrobenzene
Concen: 44.788 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion: 77 Resp: 233874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 50.2 | 33.0 | 49.6# |
| 65 | 13.7 | 13.0 | 19.6 |



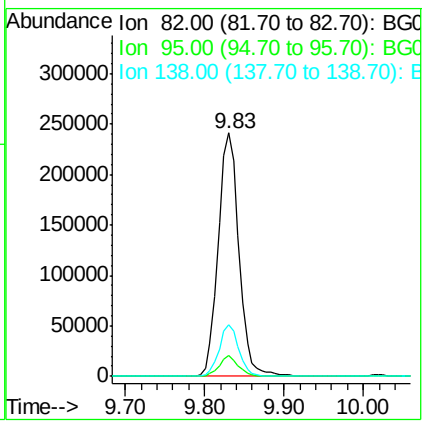


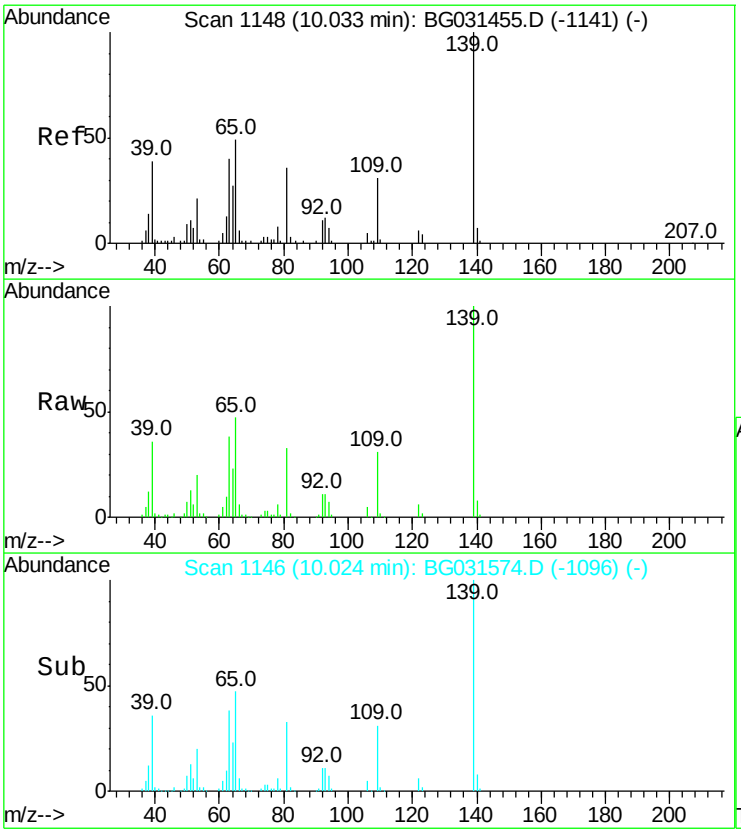

#25
Isophorone
Concen: 45.486 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion: 82 Resp: 438051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.4 | 6.2 | 9.2 |
| 138 | 20.9 | 12.1 | 18.1# |

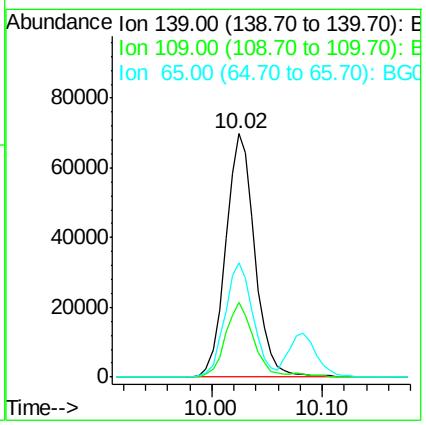


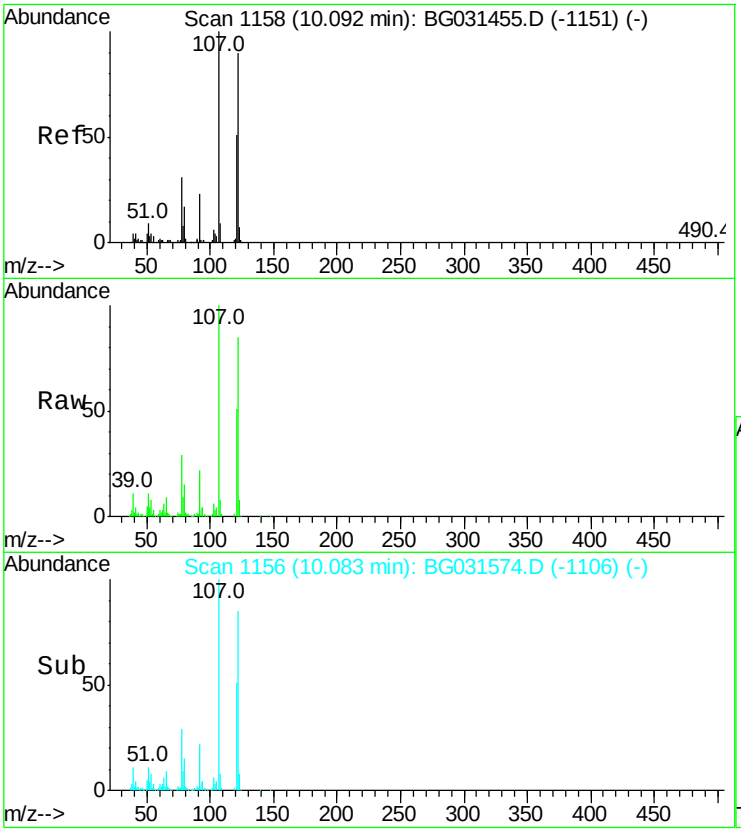




#26
2-Nitrophenol
Concen: 49.578 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:139 Resp: 128015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.5 | 24.2 | 36.2 |
| 65 | 46.8 | 47.4 | 71.0# |



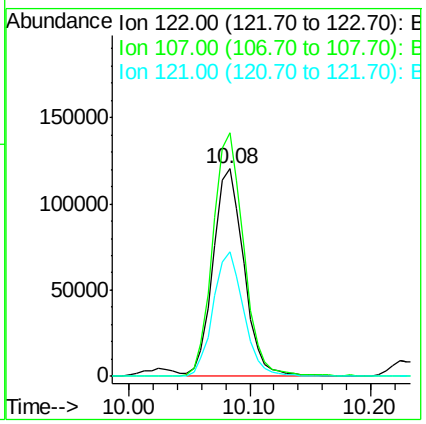


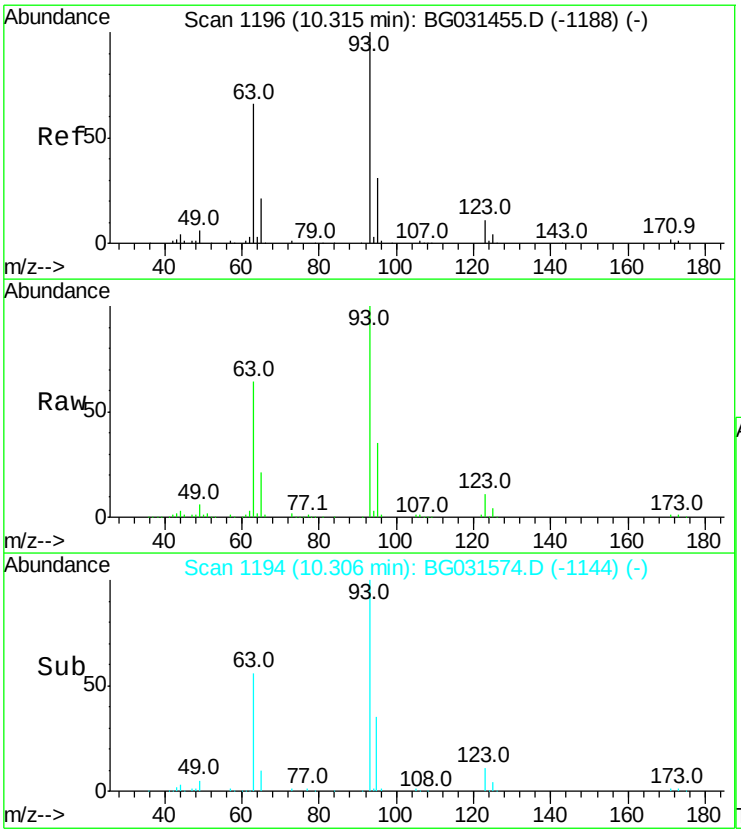

#27
2,4-Dimethylphenol
Concen: 53.430 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:122 Resp: 209574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.4 | 100.2 | 150.2 |
| 121 | 59.8 | 44.4 | 66.6 |

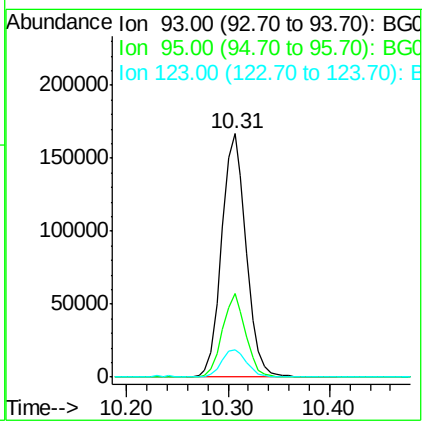


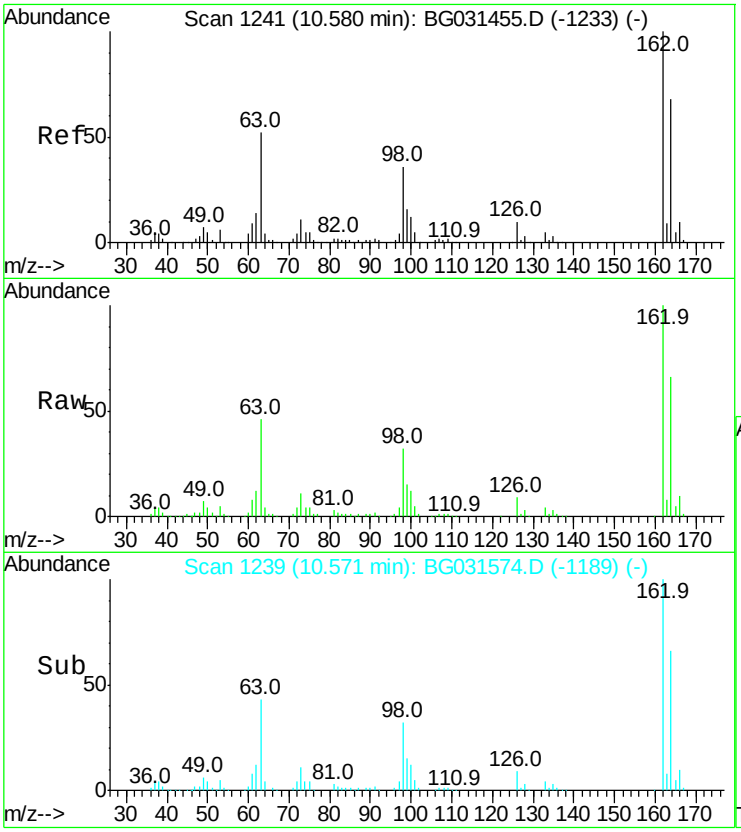




#28
bis(2-Chloroethoxy)methane
Concen: 44.703 ng
RT: 10.31 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion: 93 Resp: 277937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 34.6 | 24.3 | 36.5 |
| 123 | 11.4 | 8.4 | 12.6 |



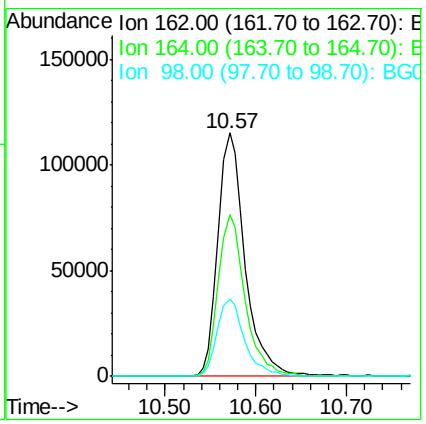


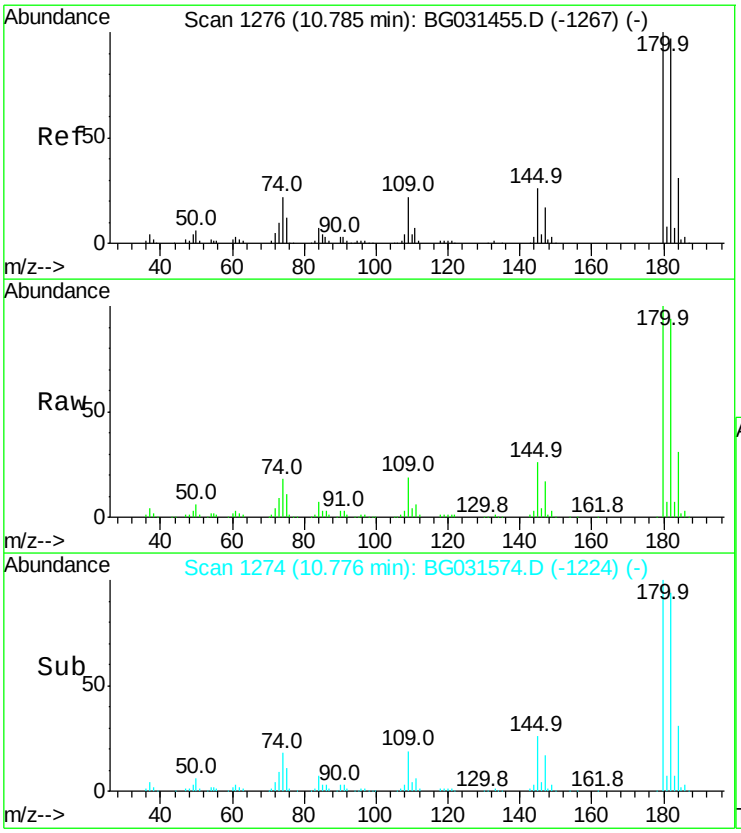

#29
2,4-Dichlorophenol
Concen: 52.014 ng
RT: 10.57 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:162 Resp: 240374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.3 | 48.0 | 88.0 |
| 98 | 31.7 | 21.1 | 61.1 |

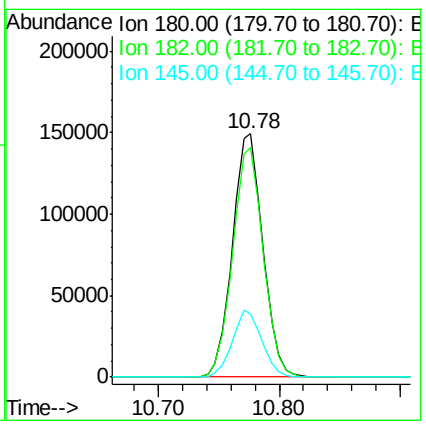


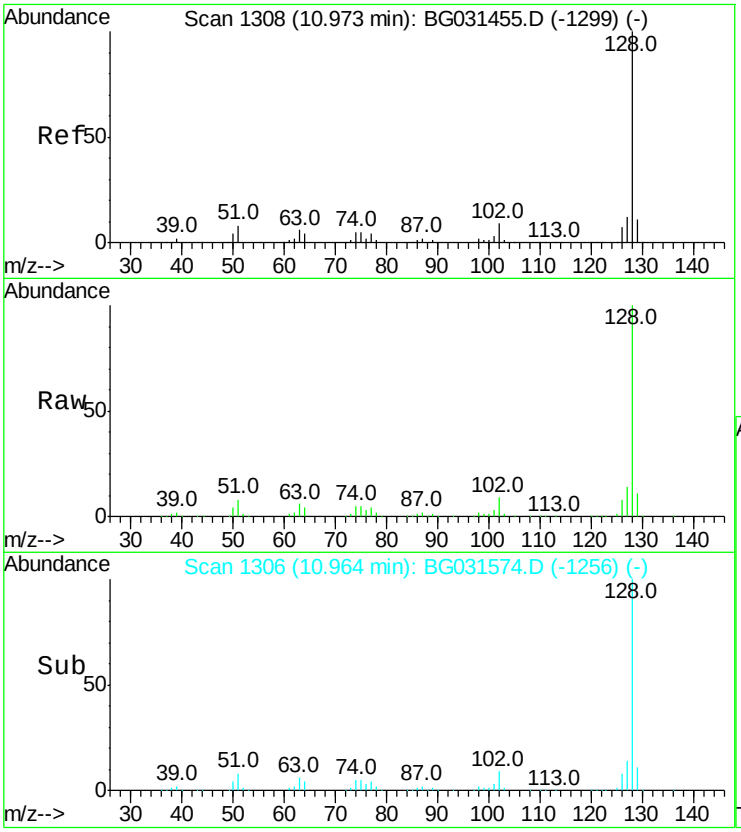




#30
1,2,4-Trichlorobenzene
Concen: 44.350 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:180 Resp: 261800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.3 | 77.5 | 116.3 |
| 145 | 26.1 | 23.4 | 35.2 |



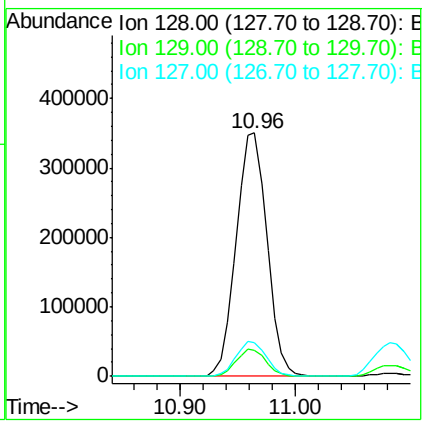


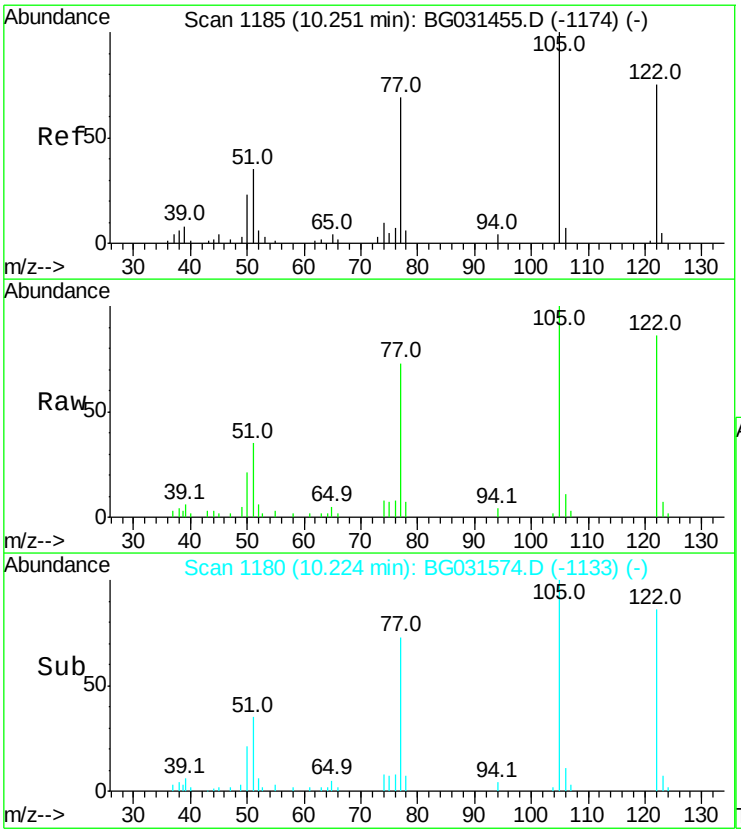

#31
Naphthalene
Concen: 42.117 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:128 Resp: 649878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.6 | 12.8 |
| 127 | 13.8 | 11.6 | 17.4 |

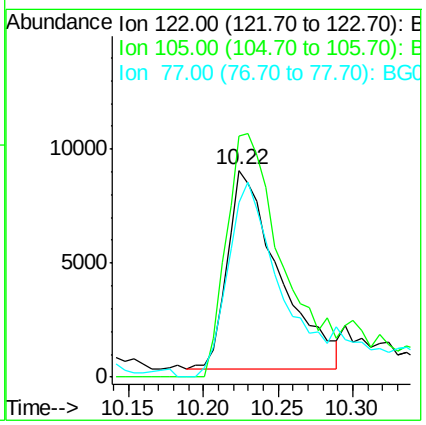


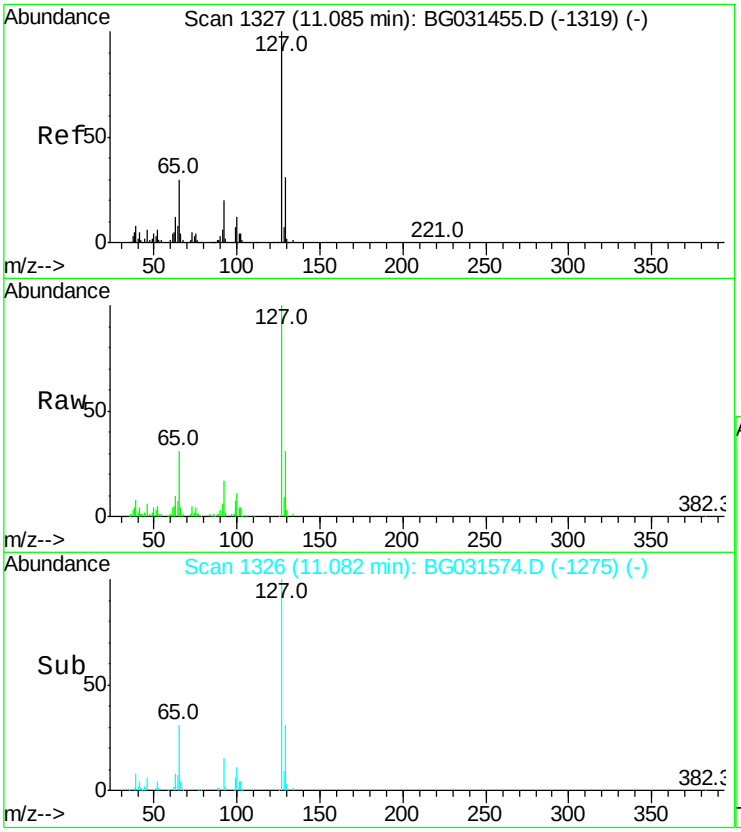




#32
Benzoic acid
Concen: 16.565 ng
RT: 10.22 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:122 Resp: 21027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 116.3 | 123.5 | 163.5# |
| 77 | 84.6 | 85.7 | 125.7# |



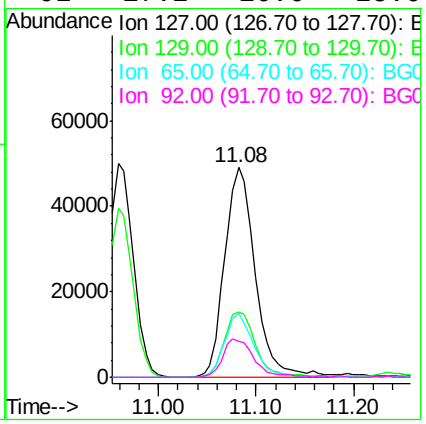


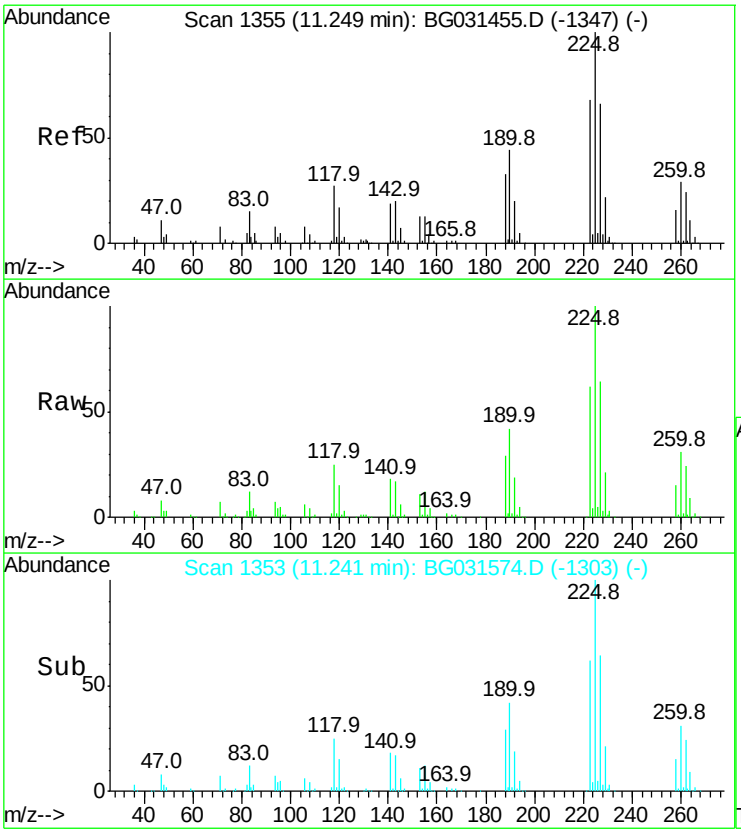

#33
4-Chloroaniline
Concen: 16.049 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:127 Resp: 107527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.3 | 24.0 | 36.0 |
| 65 | 30.8 | 27.0 | 40.4 |
| 92 | 17.2 | 16.6 | 25.0 |

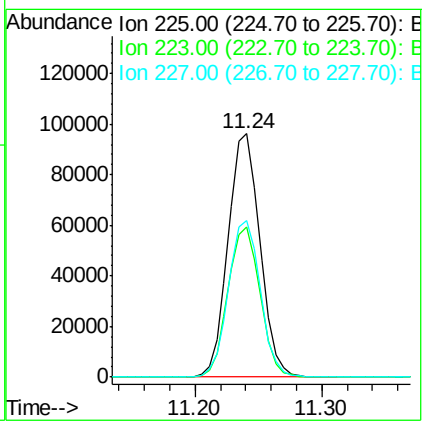


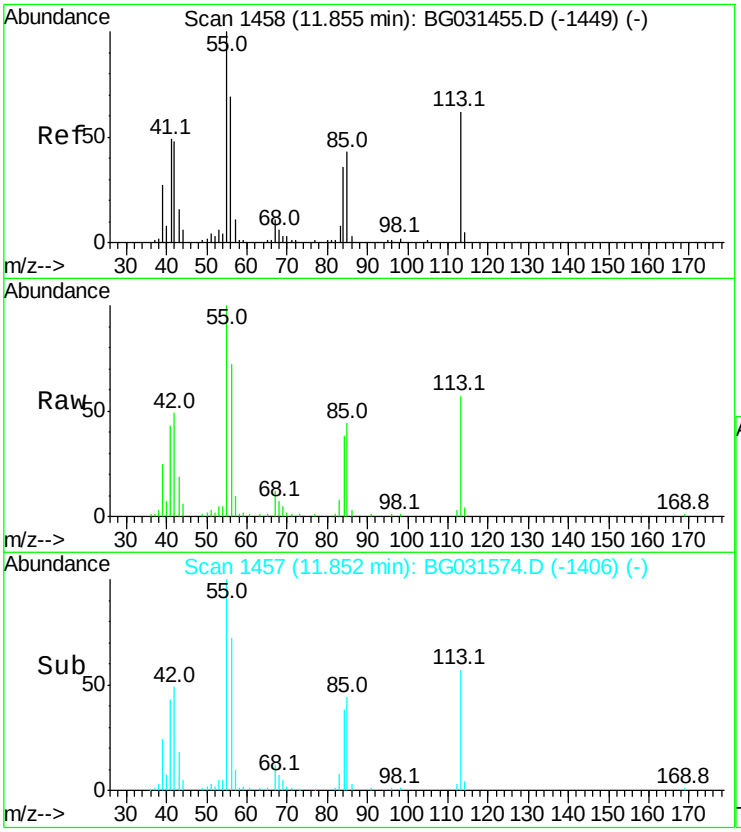




#34
Hexachlorobutadiene
Concen: 42.684 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:225 Resp: 167131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 49.7 | 74.5 |
| 227 | 64.3 | 48.1 | 72.1 |



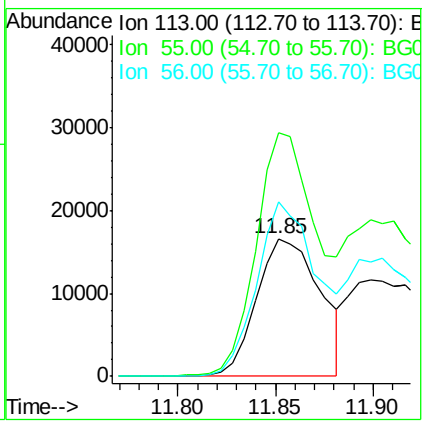


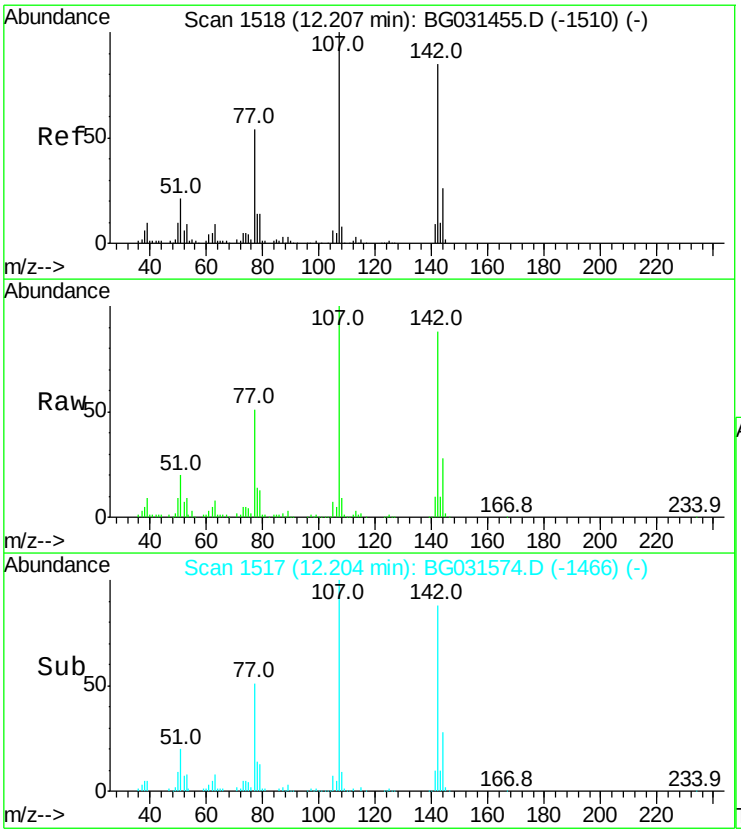

#35
Caprolactam
Concen: 20.717 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:113 Resp: 37593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 176.6 | 186.9 | 226.9# |
| 56 | 126.9 | 130.9 | 170.9# |

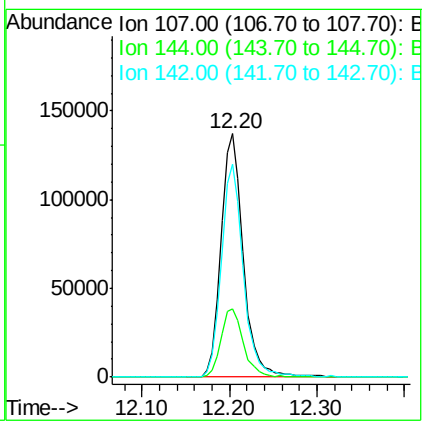


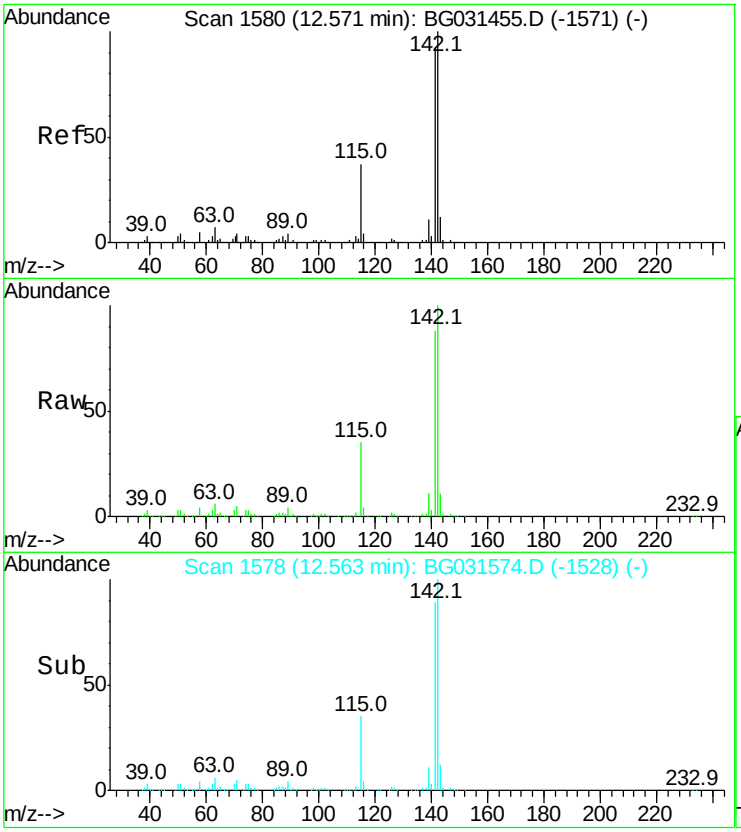




#36
4-Chloro-3-methylphenol
Concen: 45.726 ng
RT: 12.20 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:107 Resp: 241207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.3 | 18.2 | 27.4# |
| 142 | 87.7 | 59.0 | 88.4 |



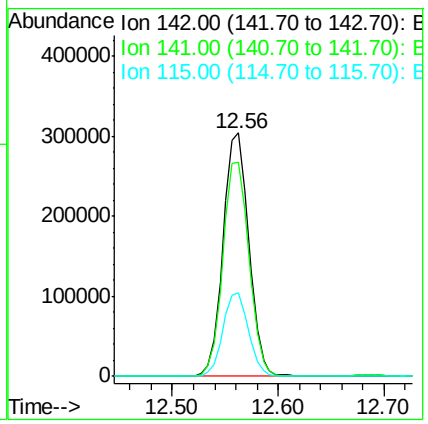


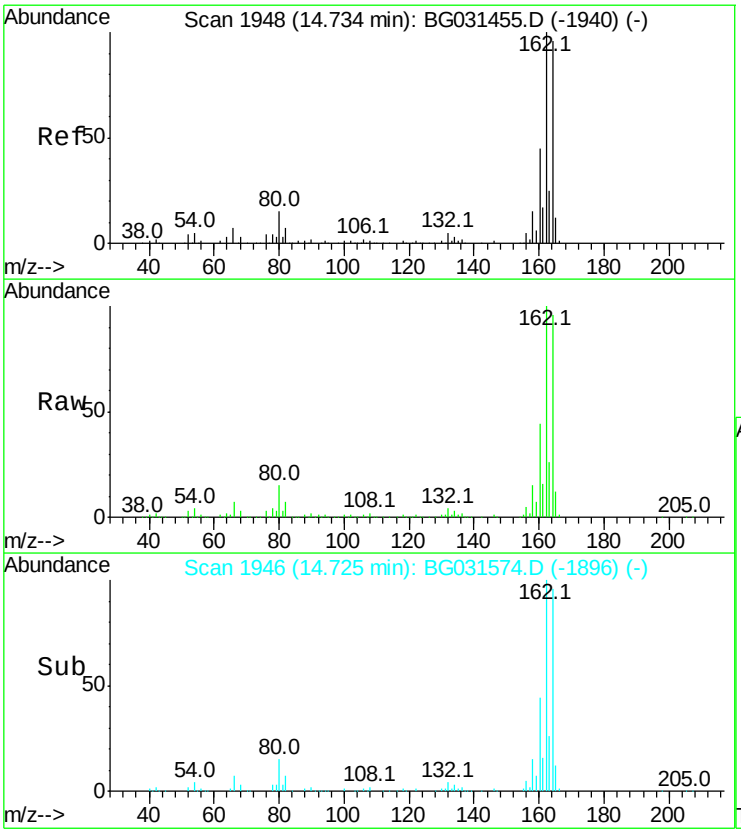

#37
2-Methylnaphthalene
Concen: 43.068 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:142 Resp: 514548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.2 | 67.1 | 100.7 |
| 115 | 34.5 | 30.7 | 46.1 |

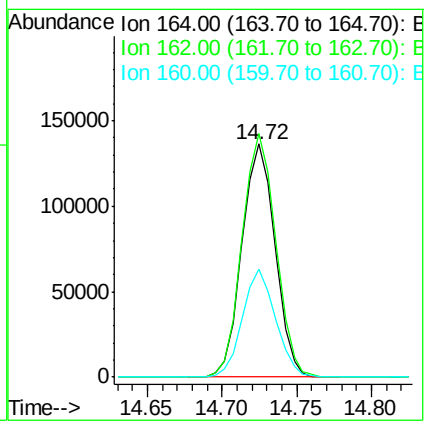


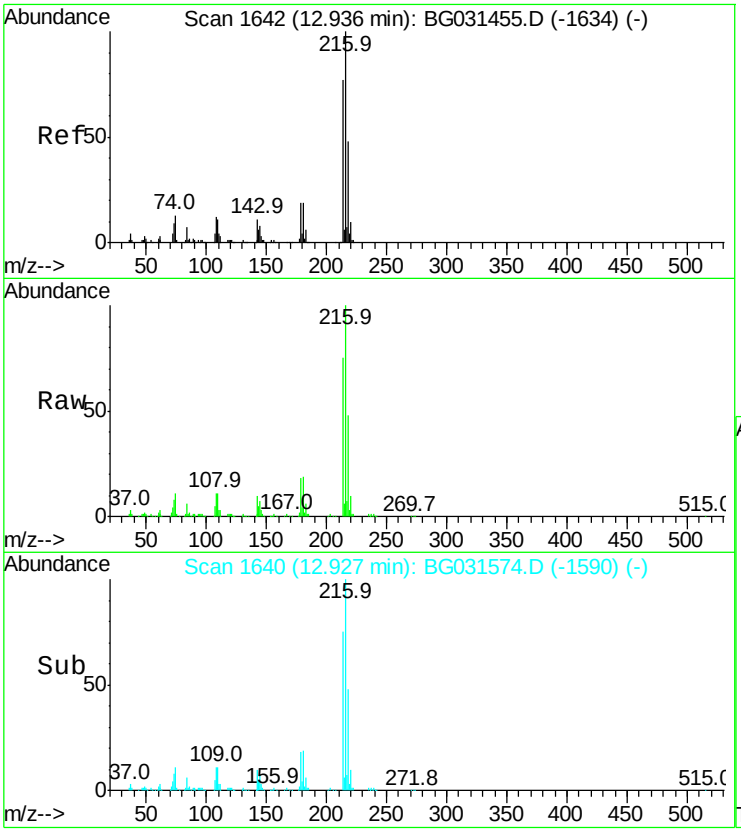




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:164 Resp: 208922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.6 | 78.8 | 118.2 |
| 160 | 46.3 | 35.4 | 53.0 |



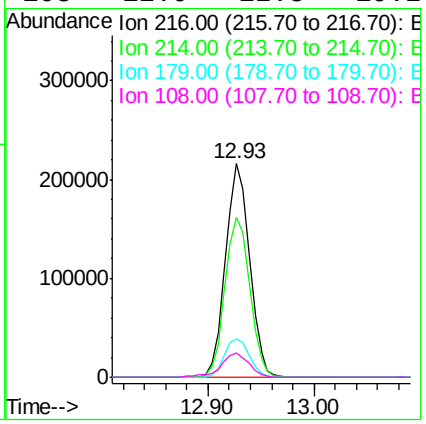


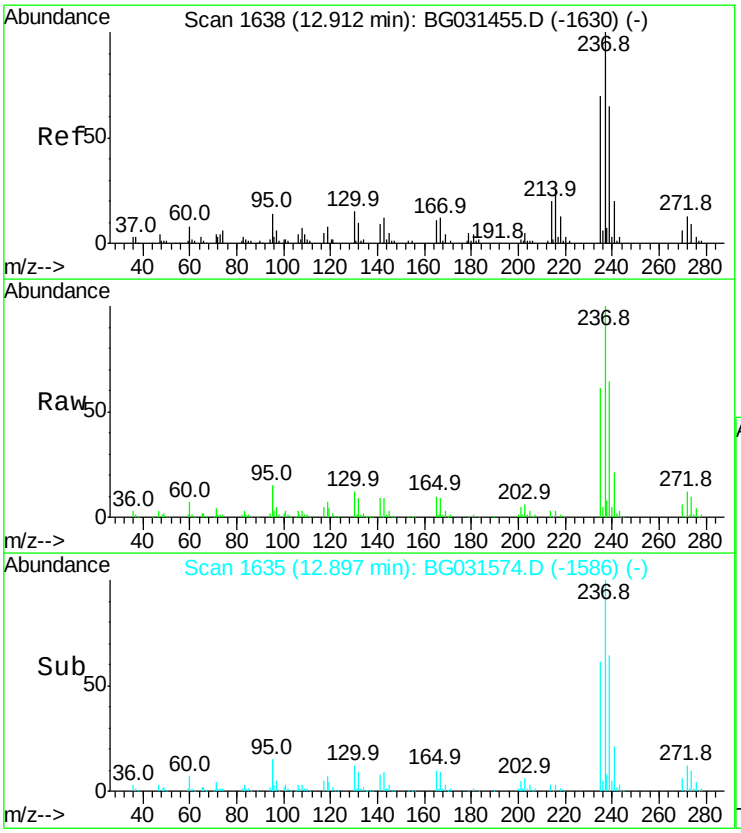

#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.575 ng
RT: 12.93 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:216 Resp: 339464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.2 | 63.0 | 94.4 |
| 179 | 18.7 | 17.0 | 25.6 |
| 108 | 12.9 | 12.8 | 19.2 |

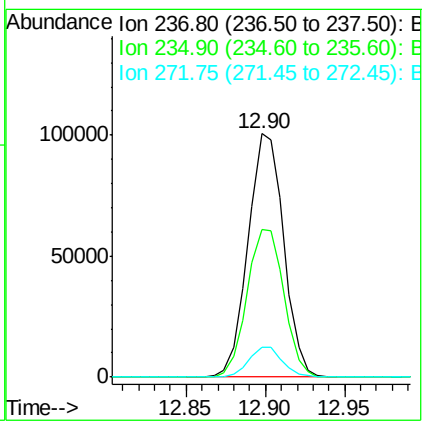


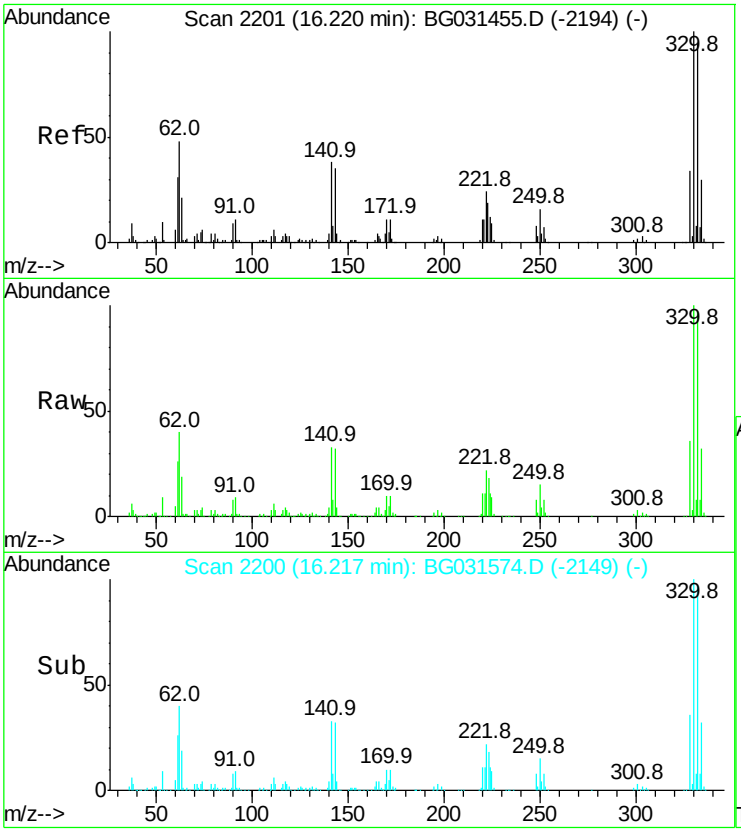




#40
Hexachlorocyclopentadiene
Concen: 62.967 ng
RT: 12.90 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:237 Resp: 157480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.9 | 50.4 | 90.4 |
| 272 | 12.0 | 0.0 | 31.8 |



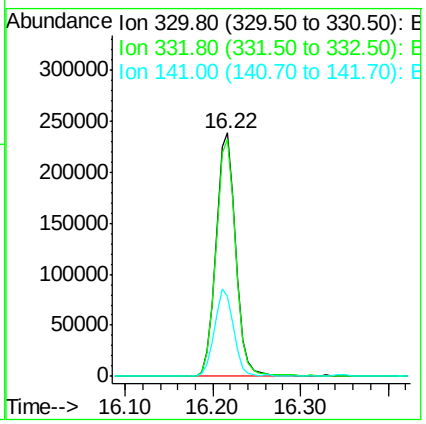


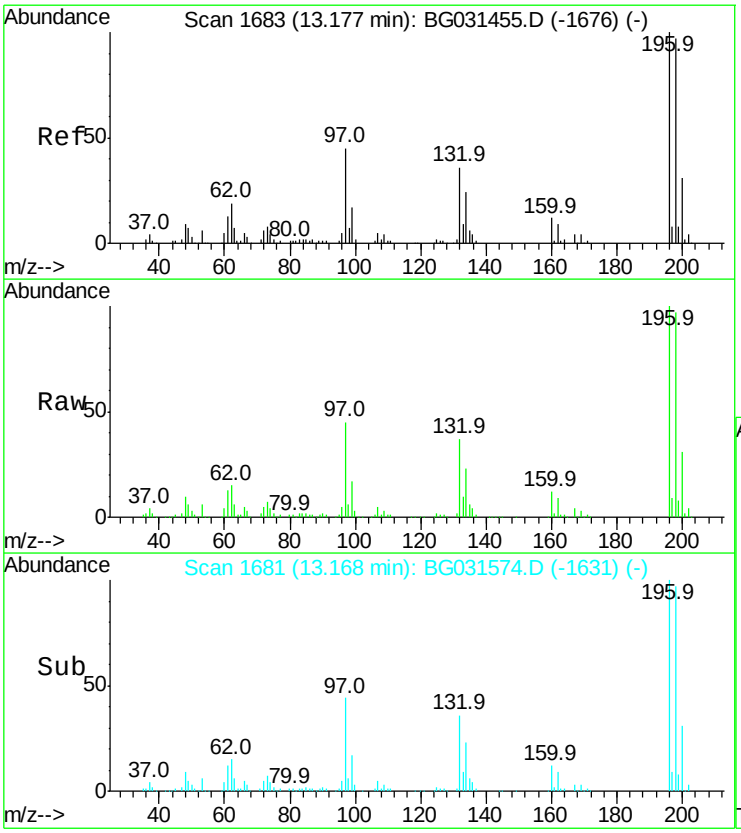

#41
2,4,6-Tribromophenol
Concen: 152.841 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:330 Resp: 374096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.0 | 115.6 |
| 141 | 35.1 | 25.2 | 37.8 |

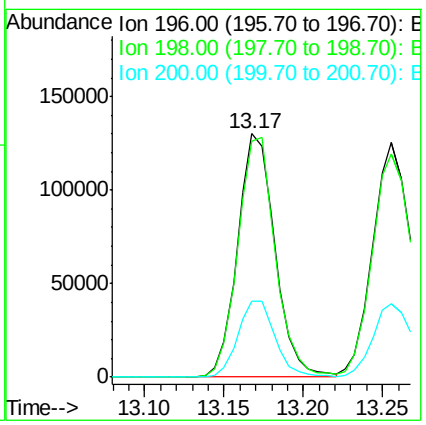


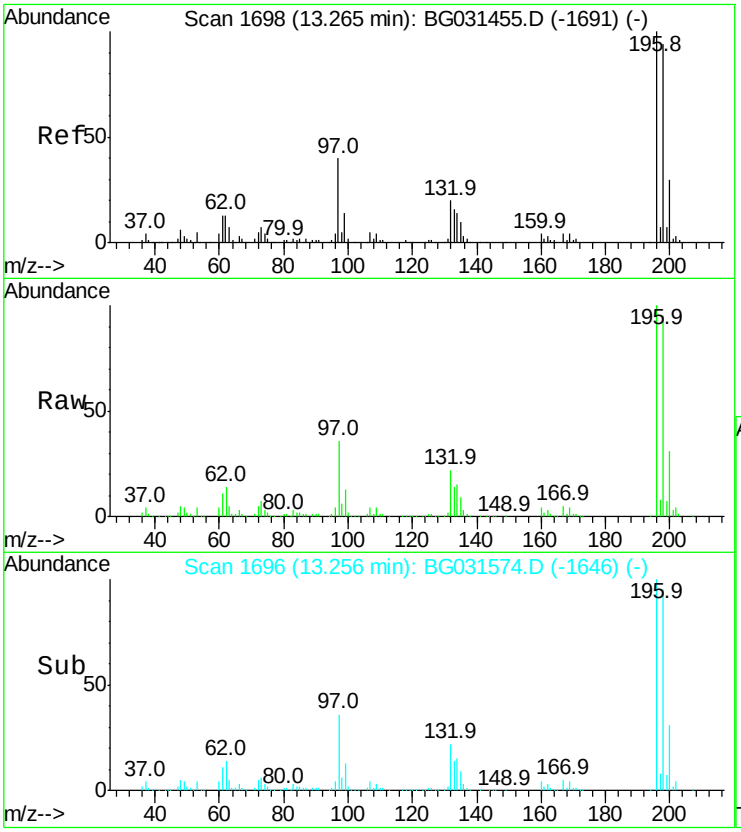




#42
2,4,6-Trichlorophenol
Concen: 50.968 ng
RT: 13.17 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:196 Resp: 212622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.0 | 78.2 | 117.2 |
| 200 | 31.2 | 24.6 | 36.8 |



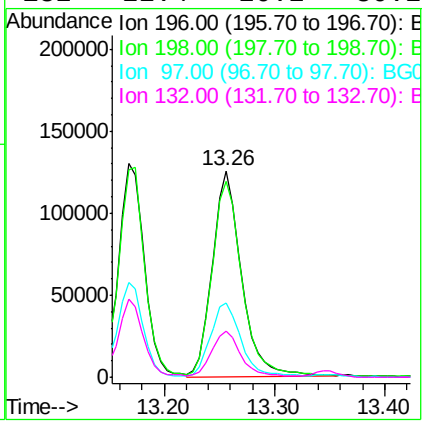


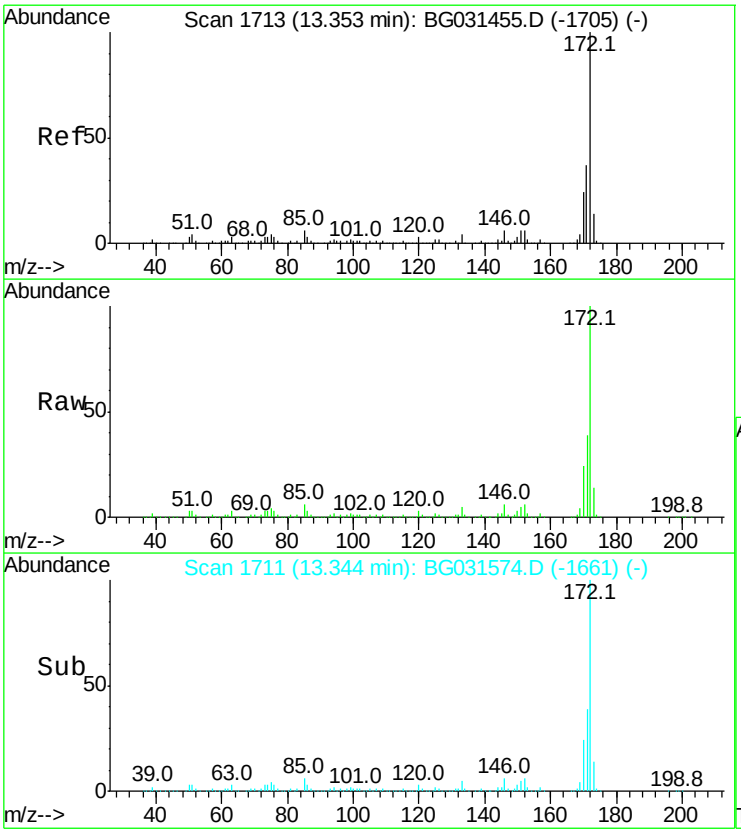

#43
2,4,5-Trichlorophenol
Concen: 50.773 ng
RT: 13.26 min Scan# 1696
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:196 Resp: 228163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 76.2 | 114.4 |
| 97 | 36.0 | 38.7 | 58.1# |
| 132 | 22.4 | 20.2 | 30.2 |

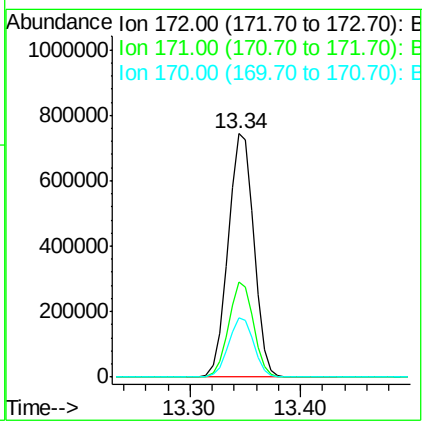


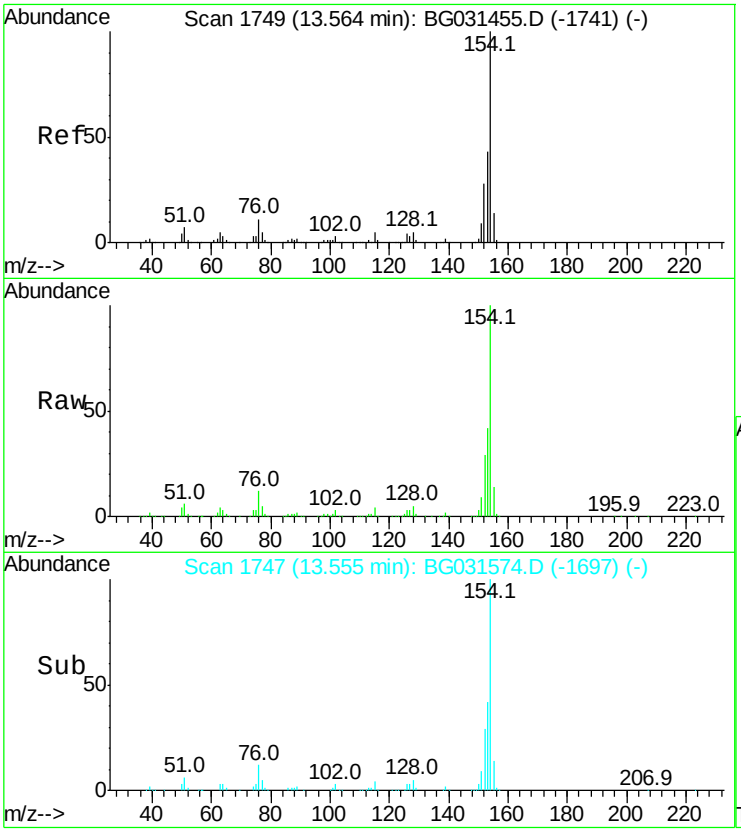




#44
2-Fluorobiphenyl
Concen: 85.201 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:172 Resp: 1212673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.9 | 30.0 | 45.0 |
| 170 | 24.4 | 19.5 | 29.3 |



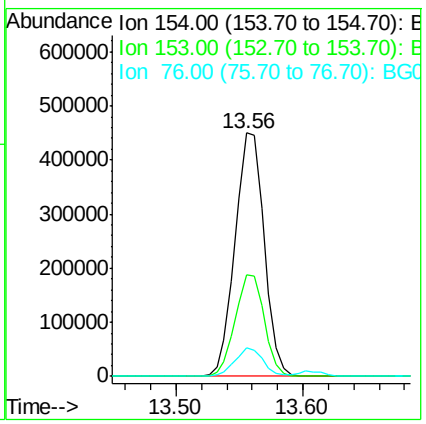


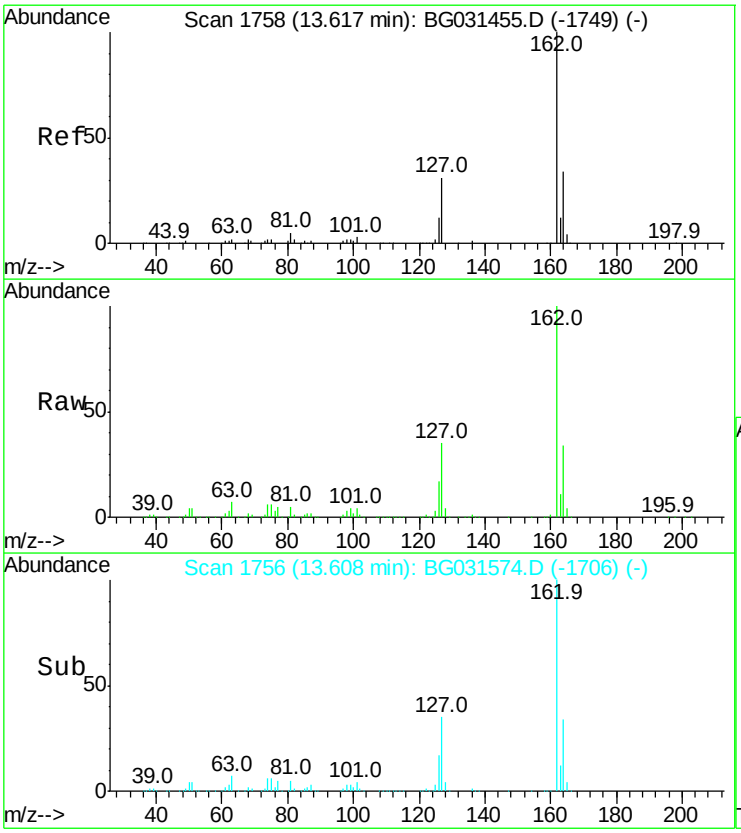

#45
1,1'-Biphenyl
Concen: 41.616 ng
RT: 13.56 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:154 Resp: 714114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.8 | 19.8 | 59.8 |
| 76 | 11.7 | 0.0 | 31.9 |

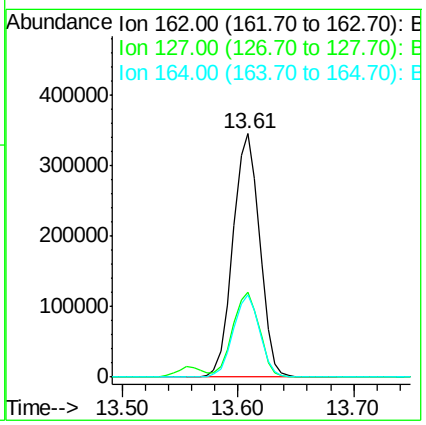


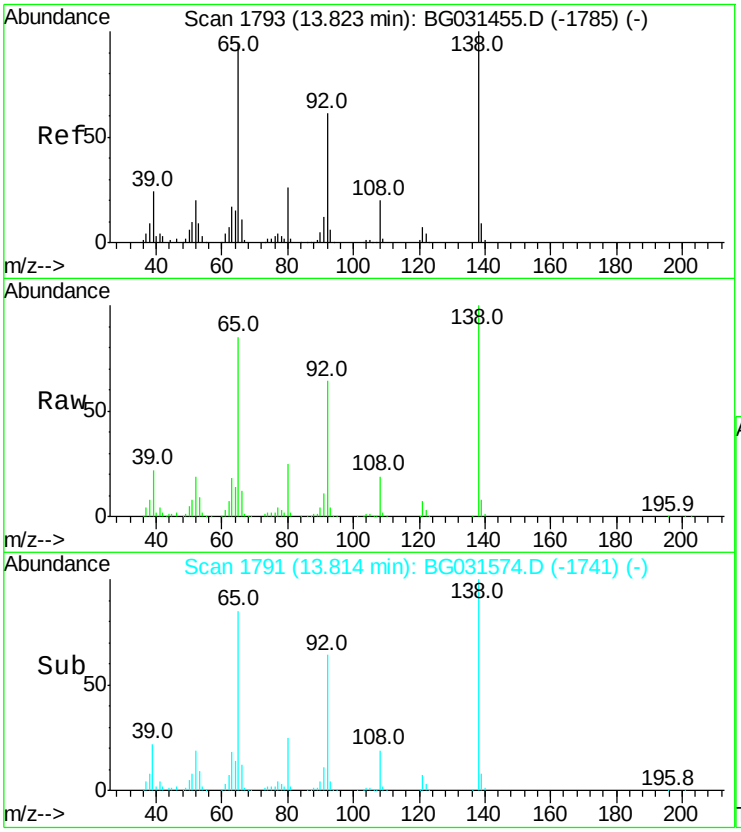




#46
2-Chloronaphthalene
Concen: 43.890 ng
RT: 13.61 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:162 Resp: 551228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 34.7 | 30.7 | 46.1 |
| 164 | 33.6 | 26.0 | 39.0 |



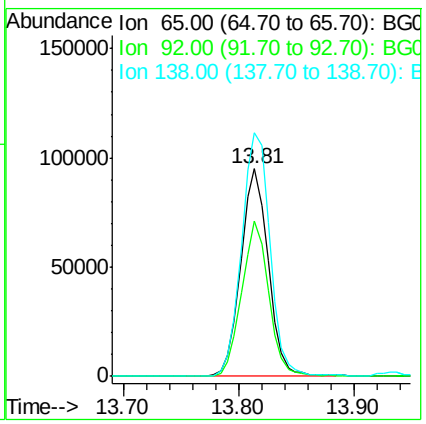


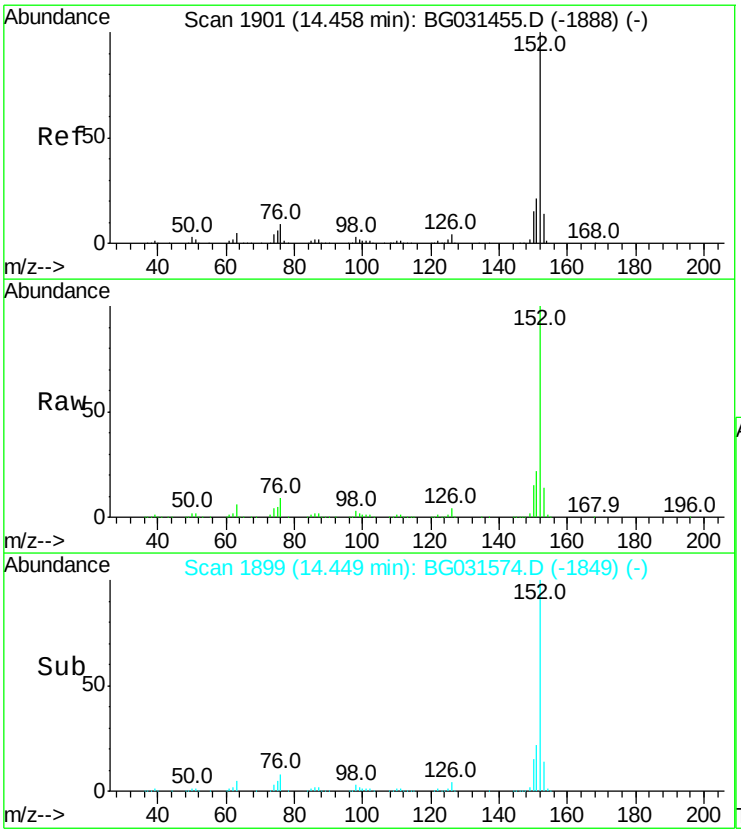

#47
2-Nitroaniline
Concen: 44.710 ng
RT: 13.81 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion: 65 Resp: 157789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 74.7 | 54.6 | 82.0 |
| 138 | 117.3 | 72.9 | 109.3# |

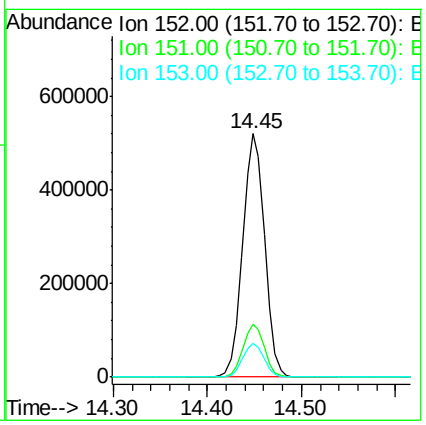


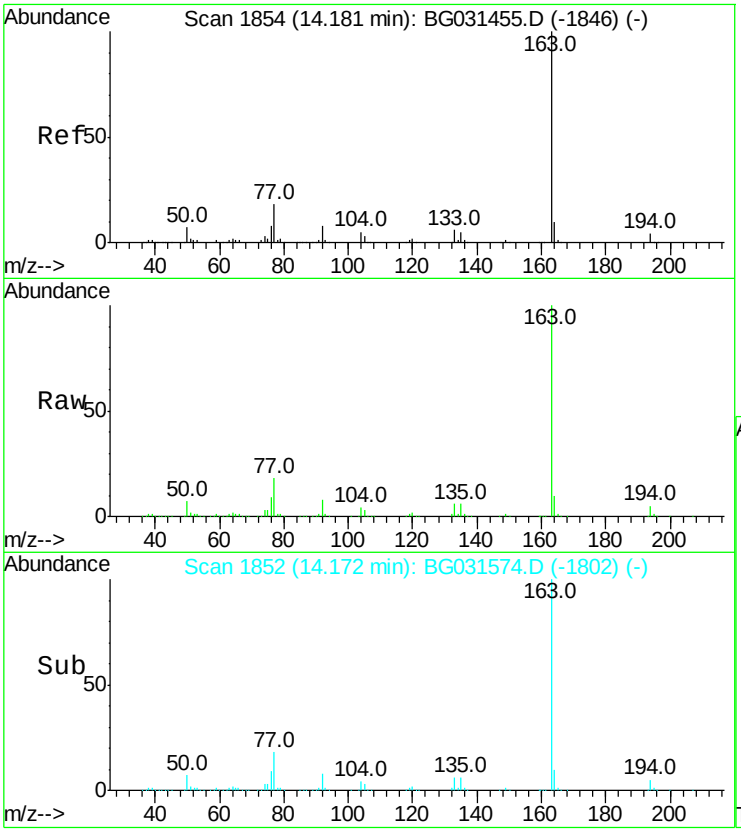




#48
Acenaphthylene
Concen: 41.356 ng
RT: 14.45 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:152 Resp: 835755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.9 | 17.2 | 25.8 |
| 153 | 14.0 | 10.2 | 15.4 |



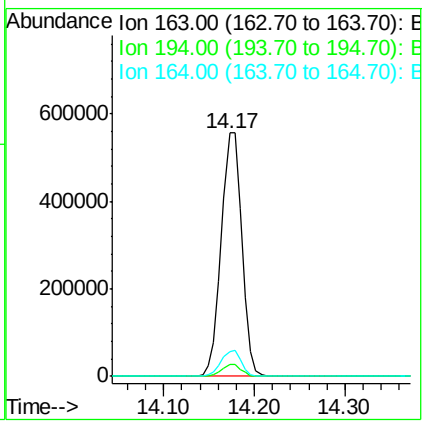


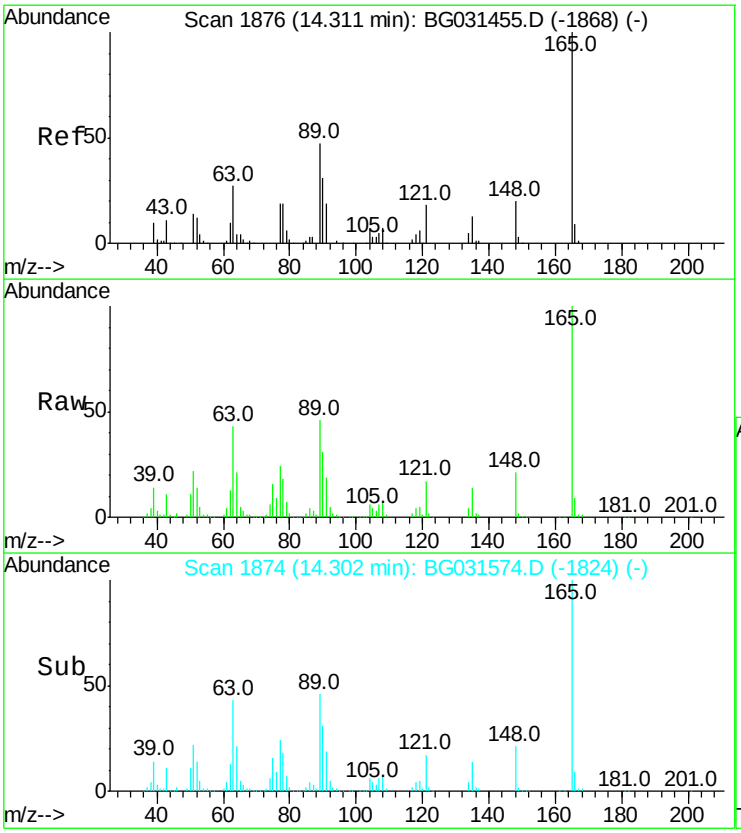

#49
Dimethylphthalate
Concen: 50.768 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:163 Resp: 878107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.9 | 3.4 | 5.2 |
| 164 | 10.4 | 8.2 | 12.4 |

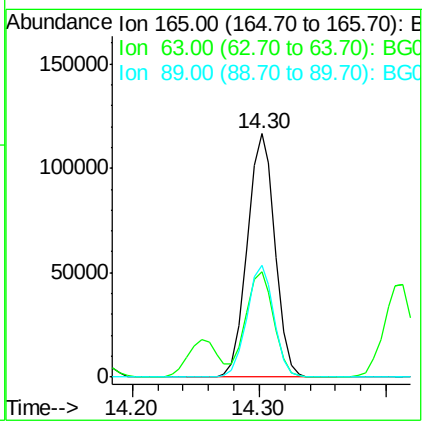


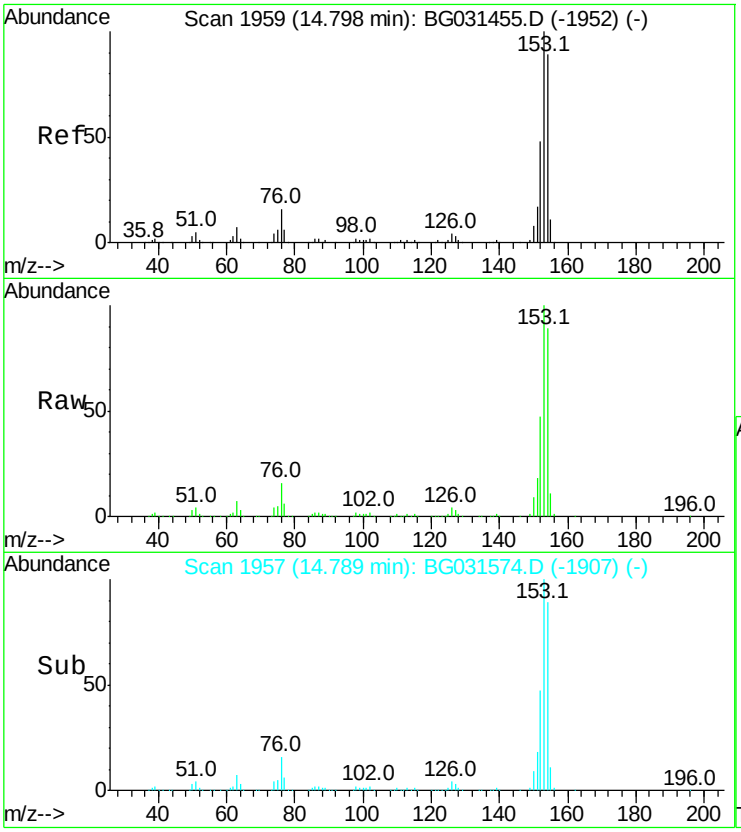




#50
2,6-Dinitrotoluene
Concen: 47.809 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:165 Resp: 176752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.5 | 52.7 | 79.1# |
| 89 | 46.2 | 49.2 | 73.8# |



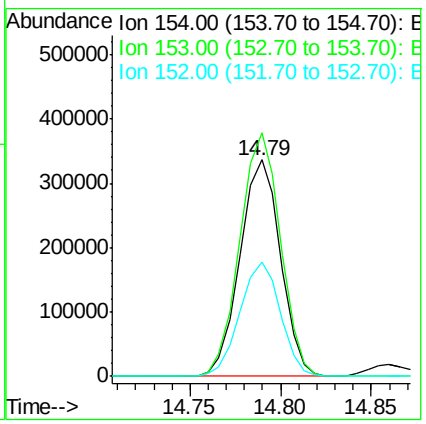


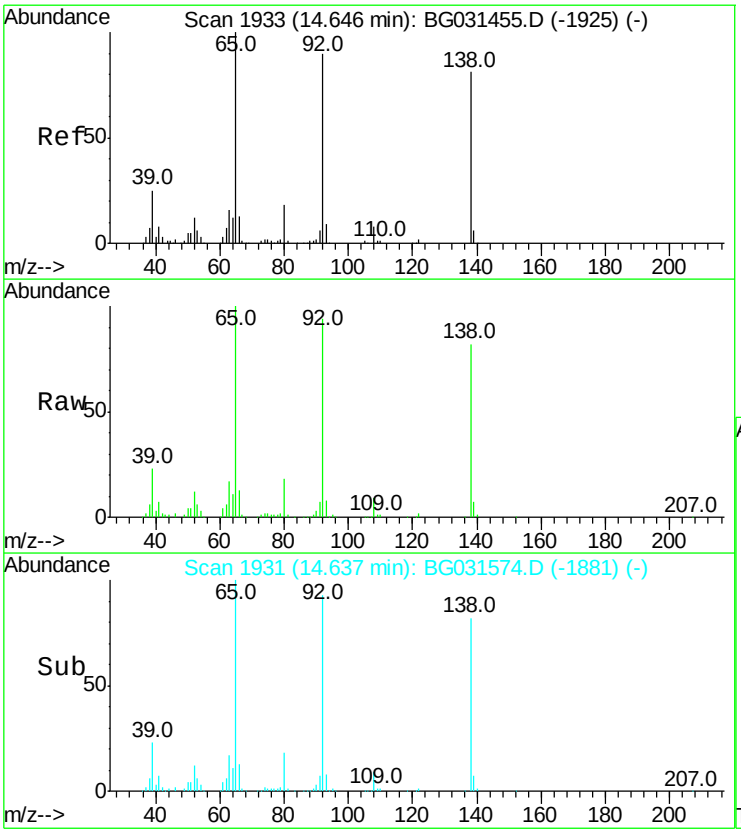

#51
Acenaphthene
Concen: 40.995 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:154 Resp: 523843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.7 | 90.4 | 135.6 |
| 152 | 53.2 | 41.6 | 62.4 |

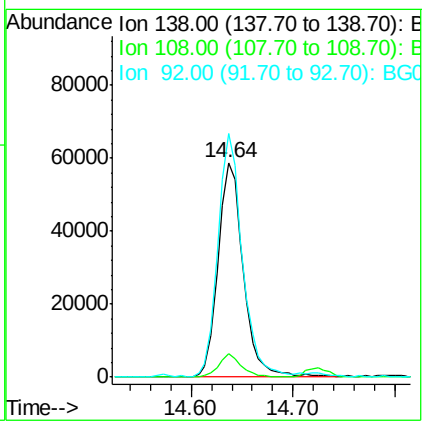


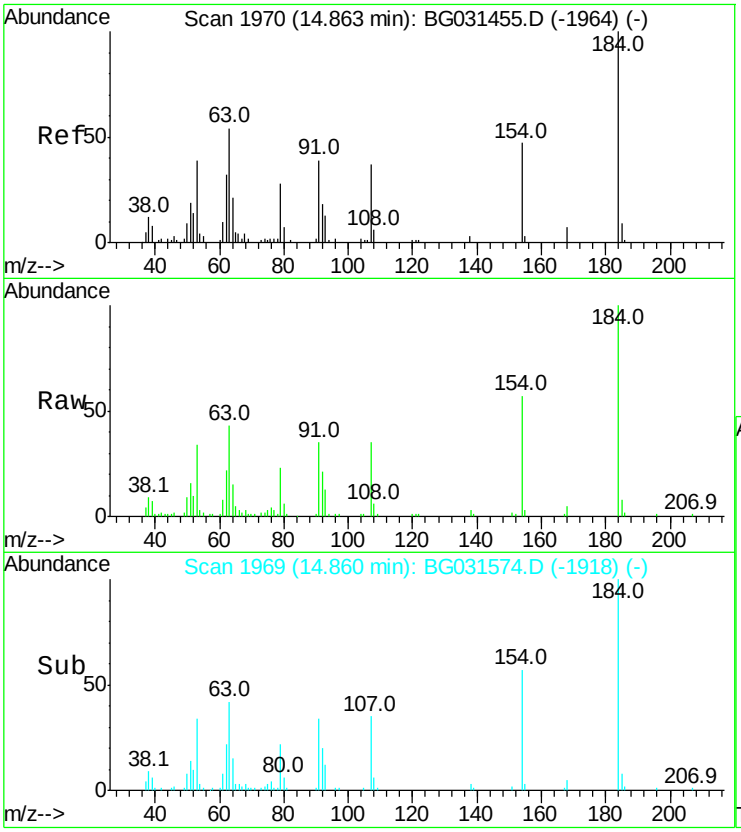




#52
3-Nitroaniline
Concen: 26.964 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:138 Resp: 101618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.7 | 17.5 | 26.3# |
| 92 | 113.7 | 105.8 | 158.8 |



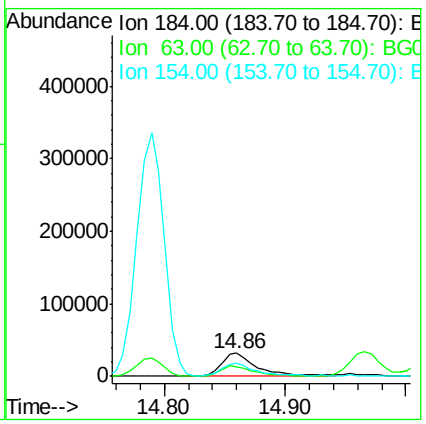


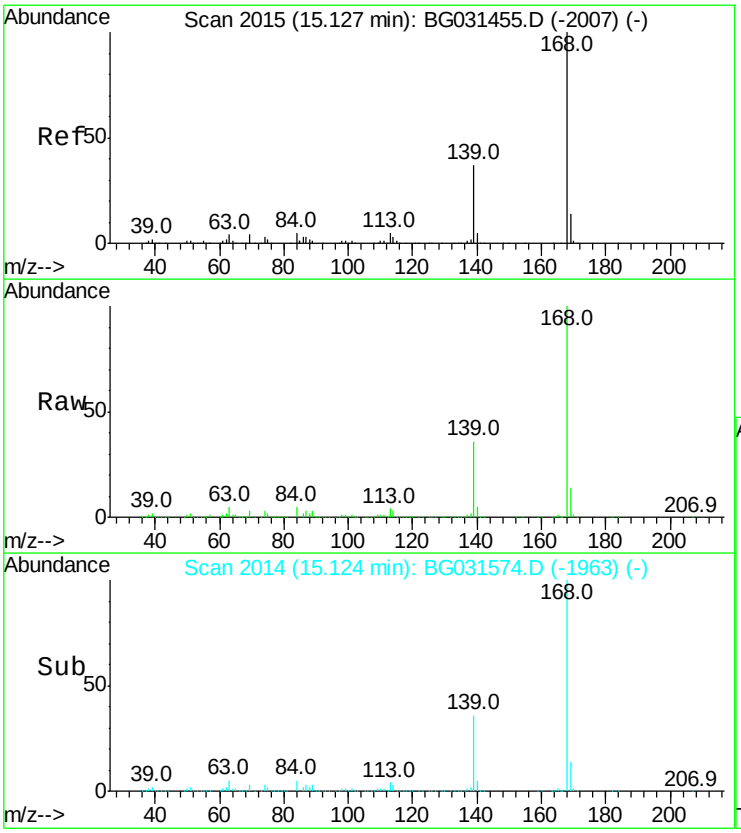

#53
2,4-Dinitrophenol
Concen: 46.505 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:184 Resp: 65156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 43.2 | 59.8 | 89.8# |
| 154 | 57.0 | 101.8 | 152.8# |

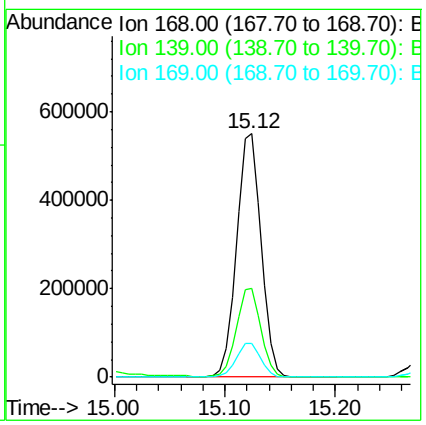


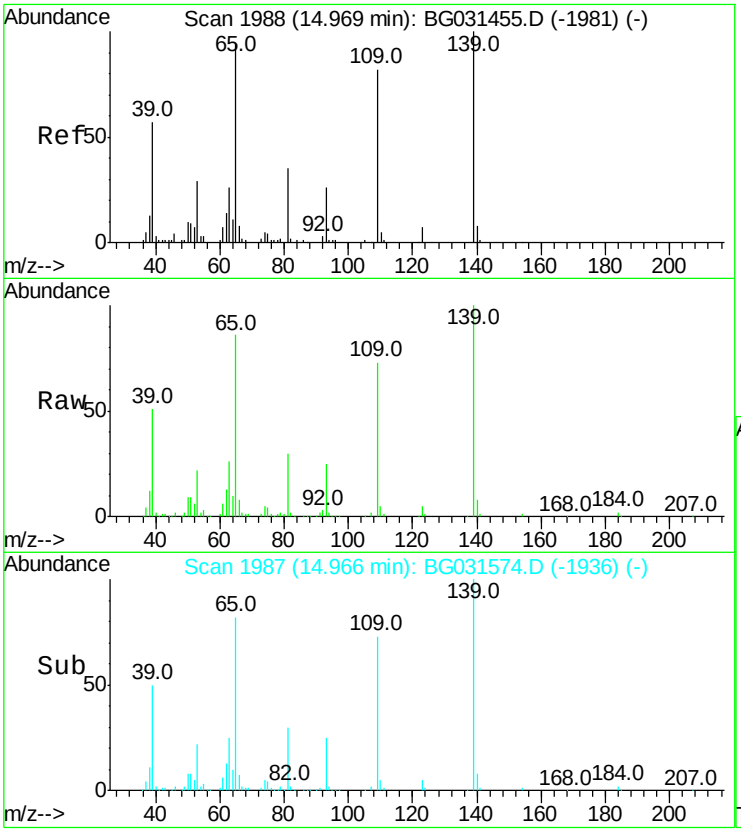




#54
Dibenzofuran
Concen: 42.079 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:168 Resp: 858020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.5 | 28.6 | 43.0 |
| 169 | 13.9 | 11.2 | 16.8 |



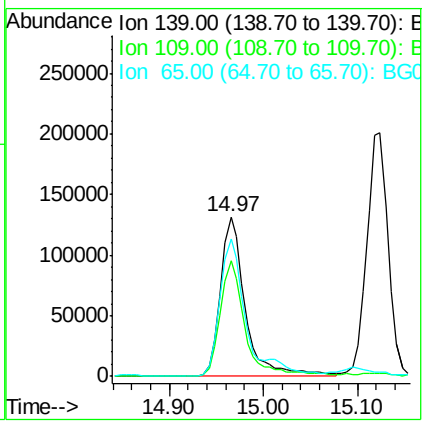


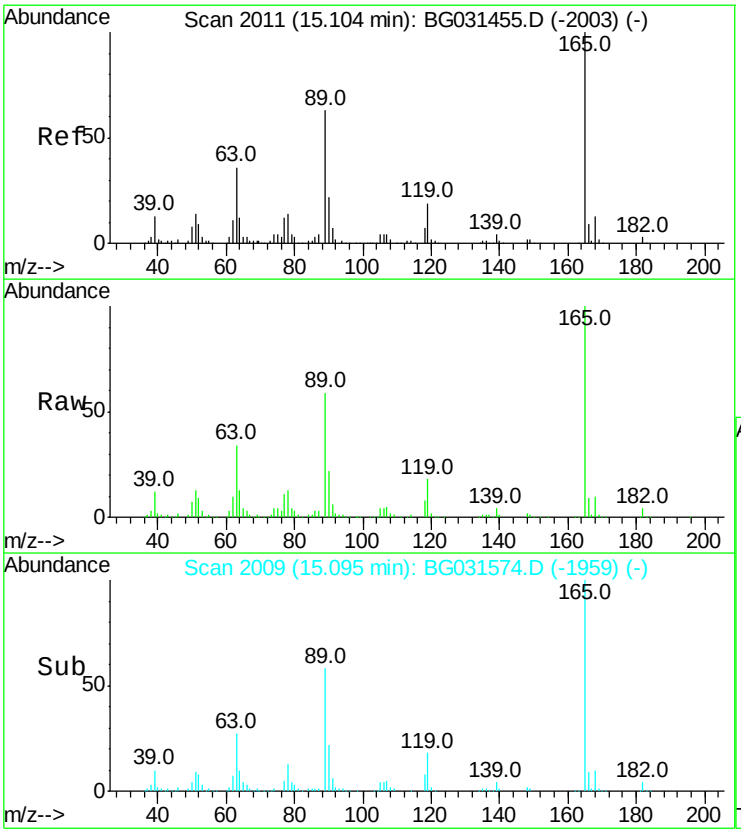

#55
4-Nitrophenol
Concen: 94.976 ng
RT: 14.97 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:139 Resp: 243626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 72.7 | 62.2 | 102.2 |
| 65 | 86.4 | 97.2 | 137.2# |

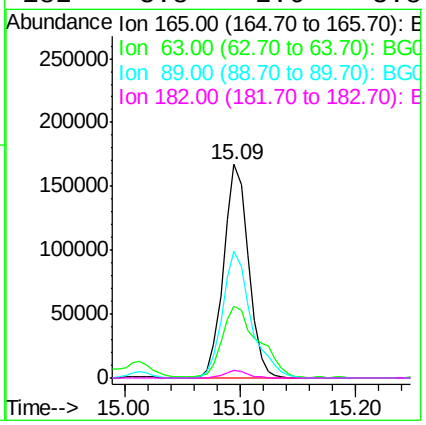


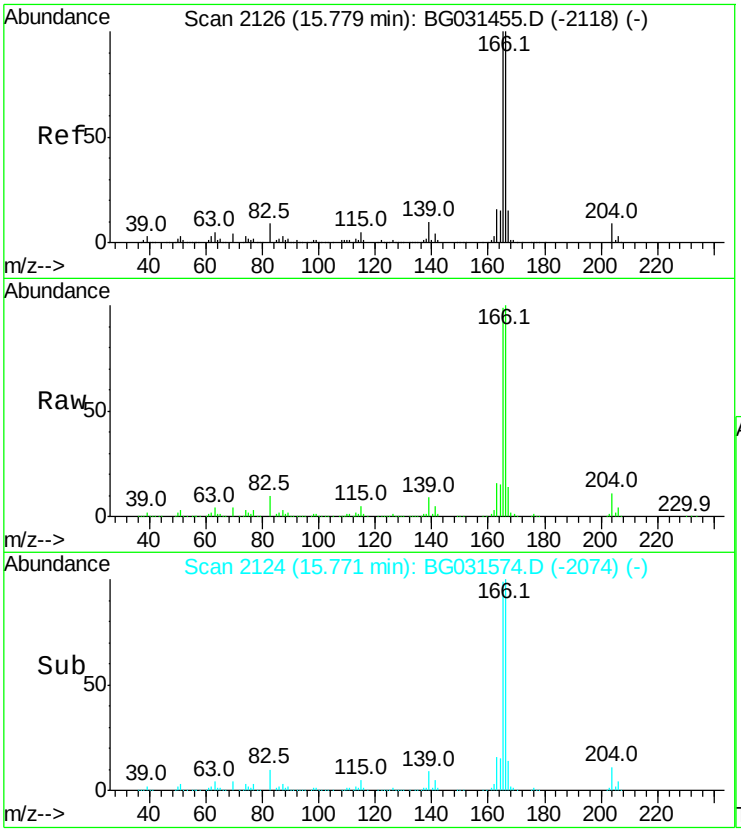




#56
2,4-Dinitrotoluene
Concen: 47.408 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:165 Resp: 248942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 33.6 | 42.0 | 63.0# |
| 89 | 59.1 | 66.9 | 100.3# |
| 182 | 3.8 | 2.6 | 3.8 |



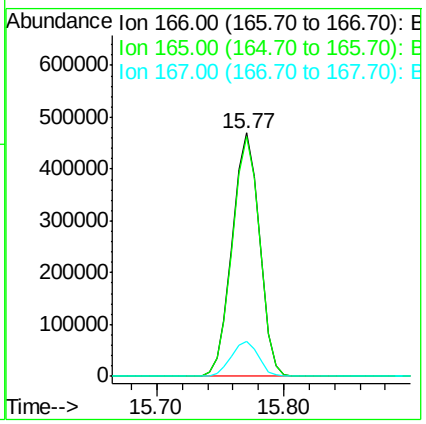


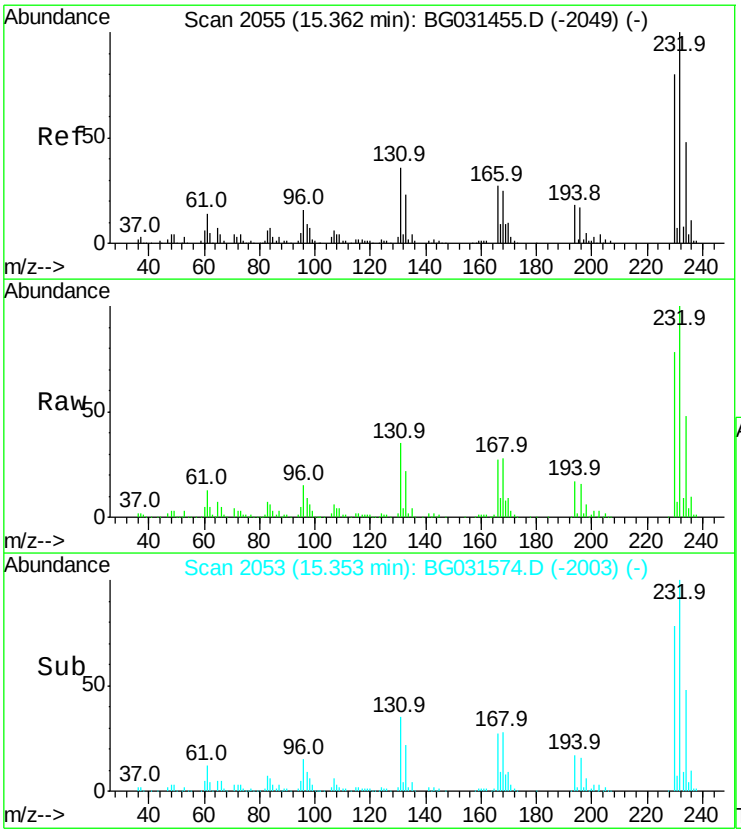

#57
Fluorene
Concen: 42.677 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:166 Resp: 697272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.6 | 80.6 | 121.0 |
| 167 | 14.4 | 10.4 | 15.6 |

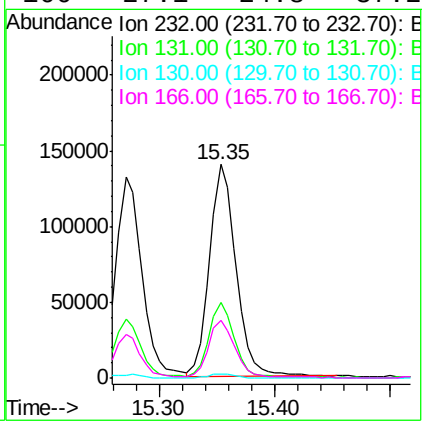


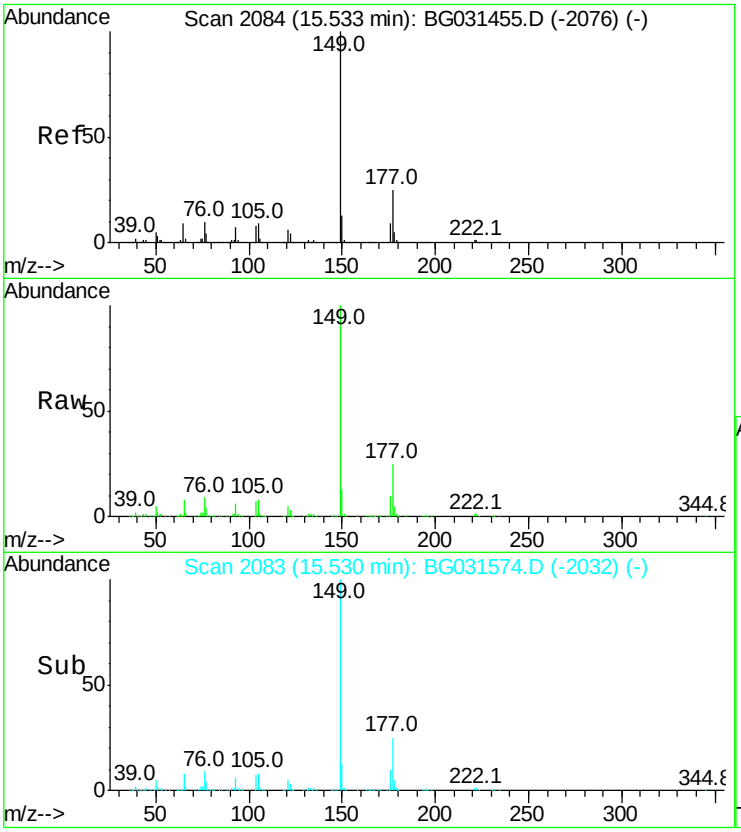




#58
2,3,4,6-Tetrachlorophenol
Concen: 53.236 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:232 Resp: 224867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 34.0 | 33.5 | 50.3 |
| 130 | 2.2 | 2.2 | 3.2# |
| 166 | 27.1 | 24.8 | 37.2 |



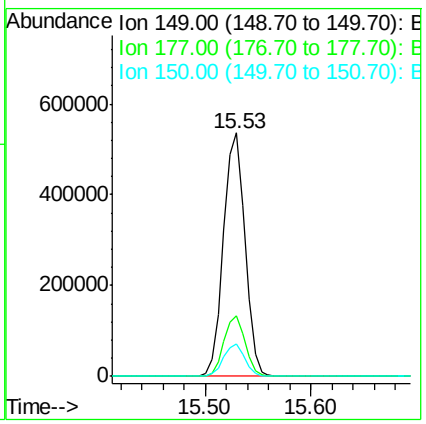


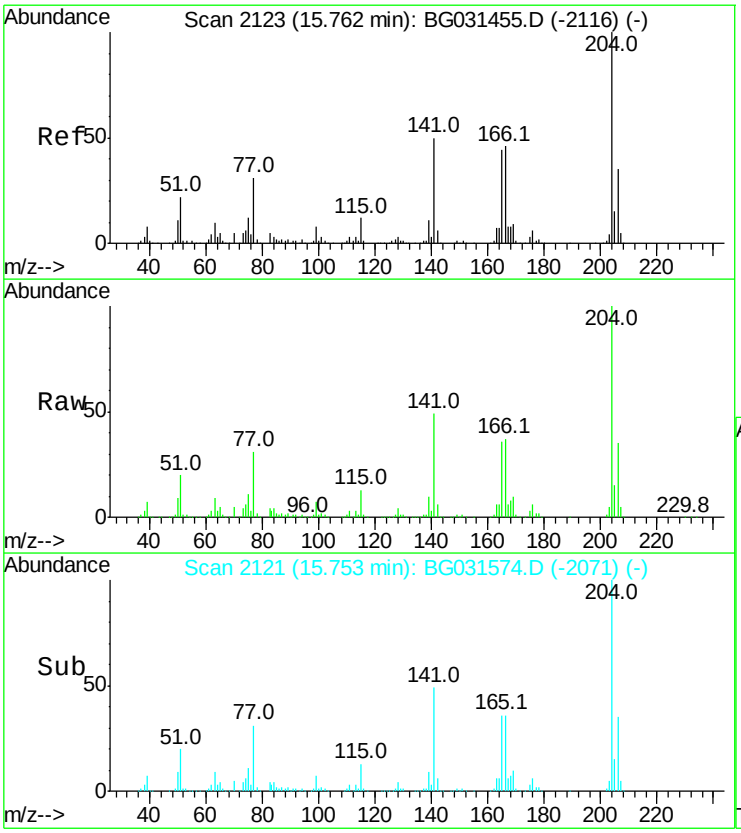

#59
Diethylphthalate
Concen: 43.432 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:149 Resp: 753000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.8 | 18.5 | 27.7 |
| 150 | 13.1 | 10.2 | 15.2 |

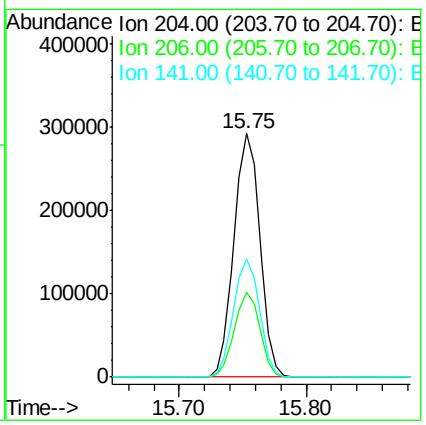


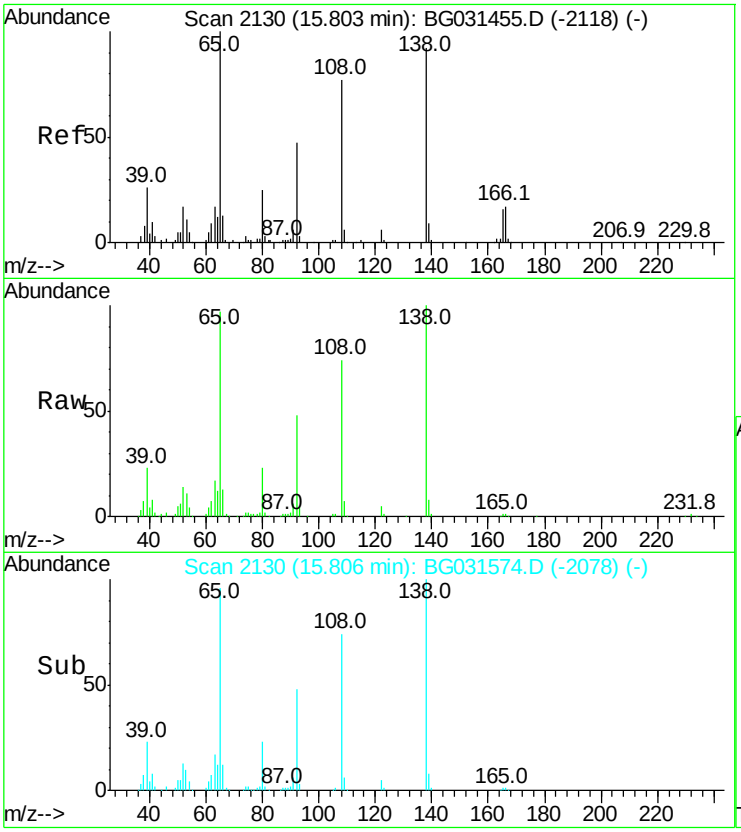




#60
4-Chlorophenyl-phenylether
Concen: 41.296 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:204 Resp: 412794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.7 | 26.2 | 39.2 |
| 141 | 48.7 | 45.8 | 68.6 |



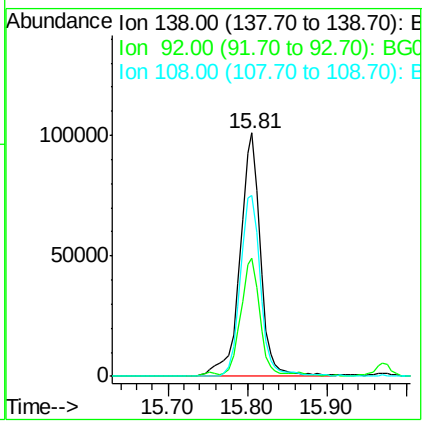


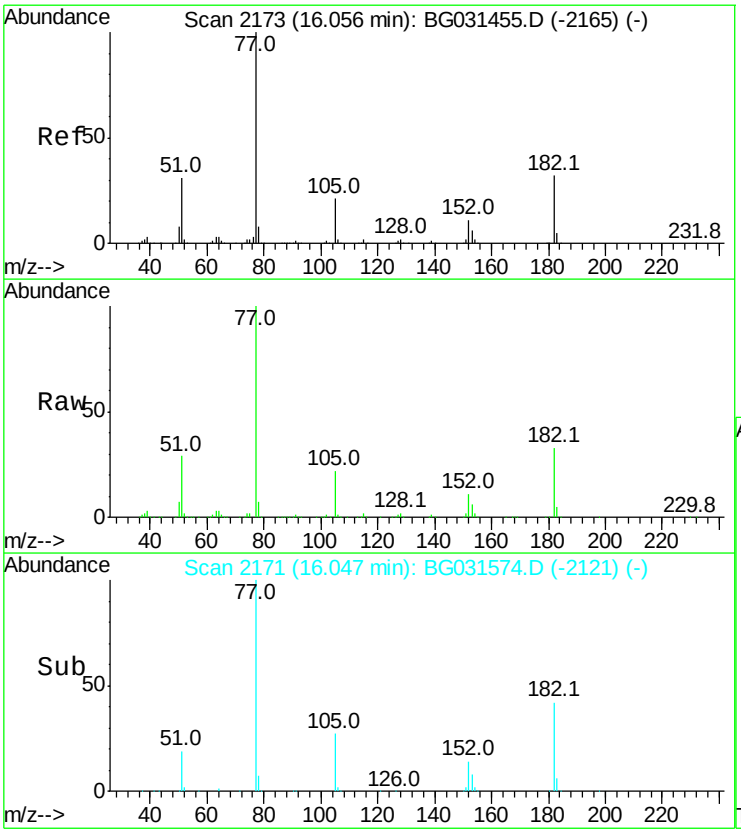

#61
4-Nitroaniline
Concen: 45.730 ng
RT: 15.81 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:138 Resp: 180859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.5 | 40.1 | 80.1 |
| 108 | 74.4 | 65.4 | 105.4 |

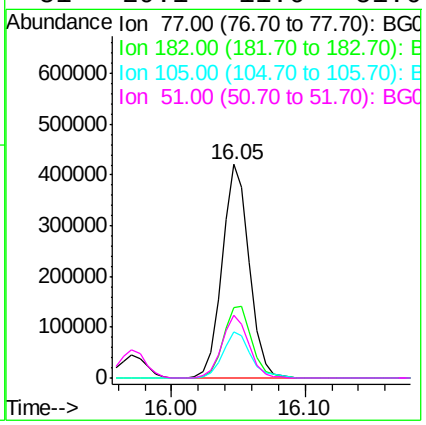


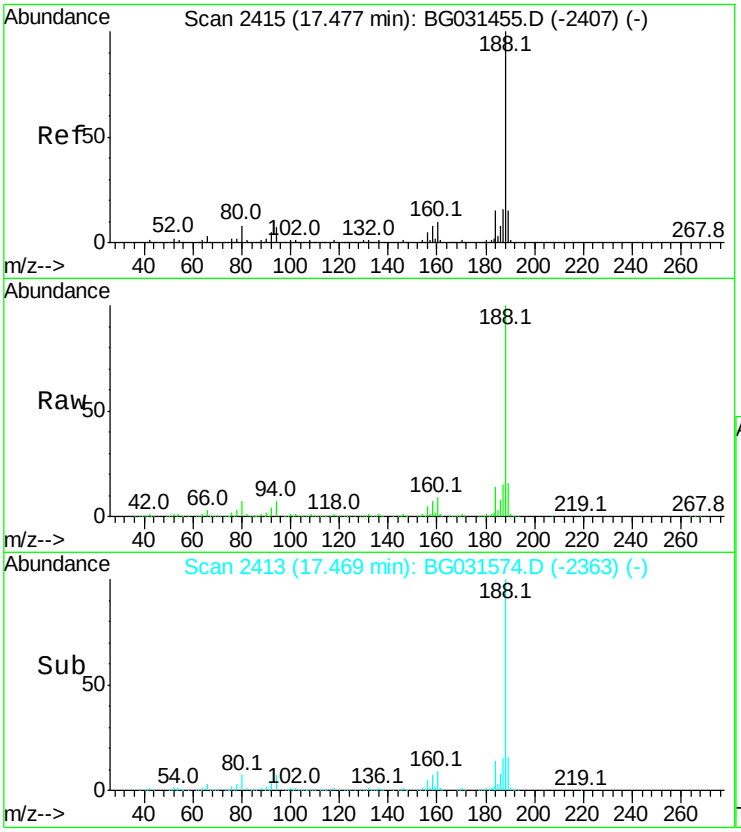




#62
Azobenzene
Concen: 41.420 ng
RT: 16.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion: 77 Resp: 594868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 33.2 | 7.4 | 47.4 |
| 105 | 21.6 | 0.3 | 40.3 |
| 51 | 29.1 | 11.6 | 51.6 |



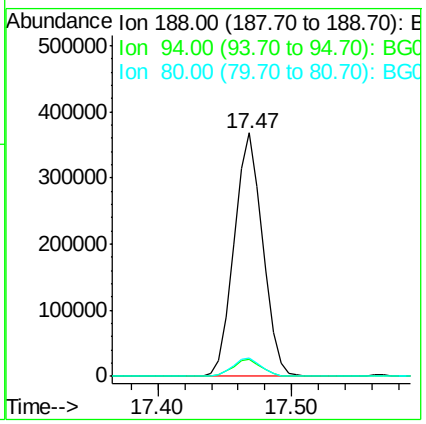


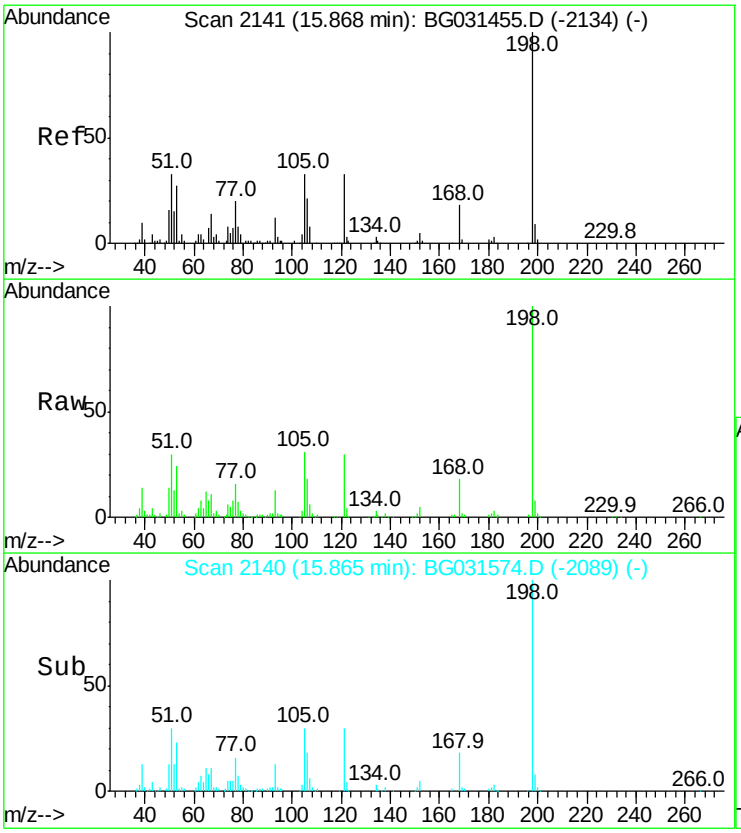

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:188 Resp: 544920

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

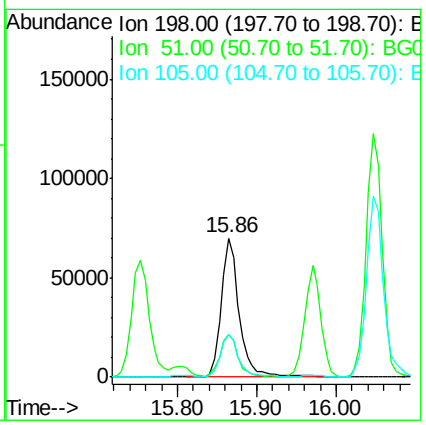


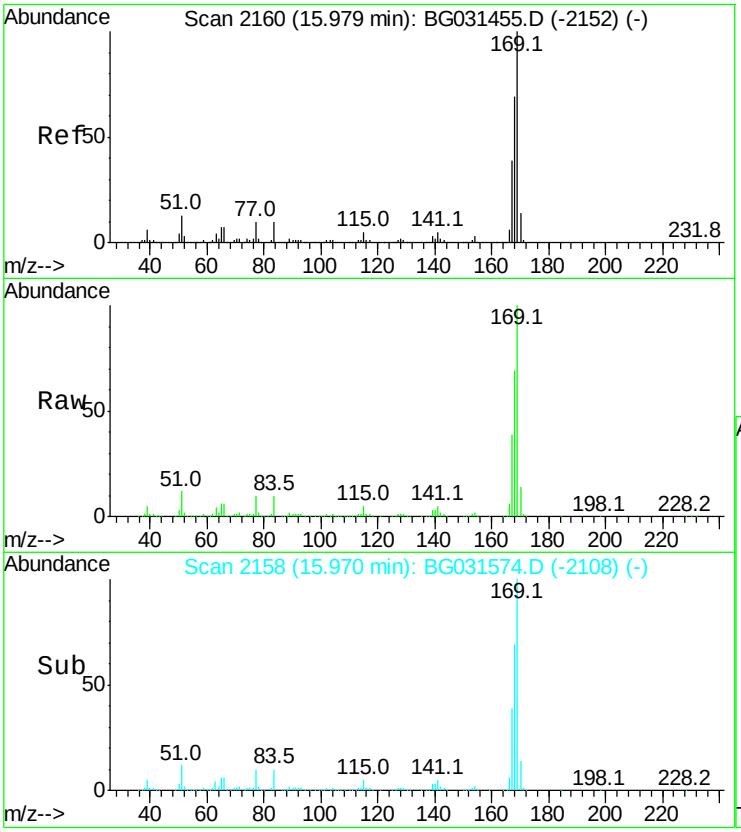




#64
4,6-Dinitro-2-methylphenol
Concen: 34.678 ng
RT: 15.86 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:198 Resp: 109372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 30.3 | 30.6 | 70.6# |
| 105 | 30.5 | 23.8 | 63.8 |



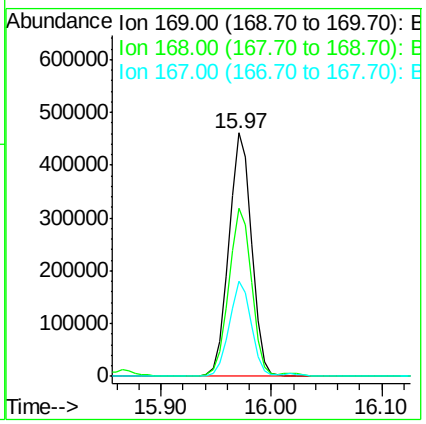


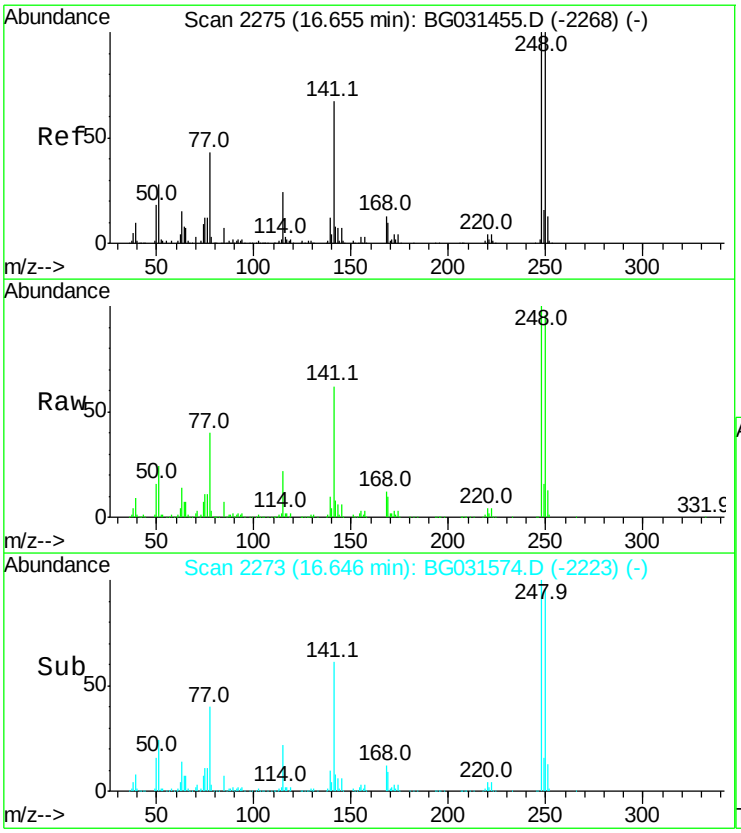

#65
n-Nitrosodiphenylamine
Concen: 41.792 ng
RT: 15.97 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:169 Resp: 666581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.2 | 55.7 | 83.5 |
| 167 | 39.0 | 30.1 | 45.1 |

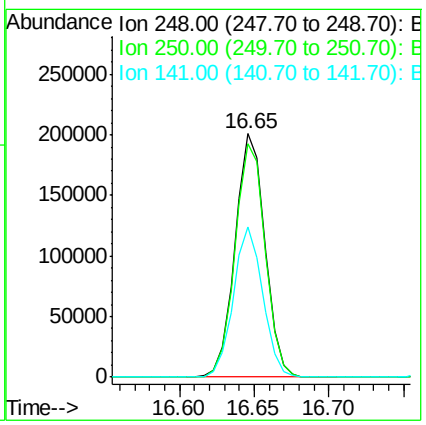


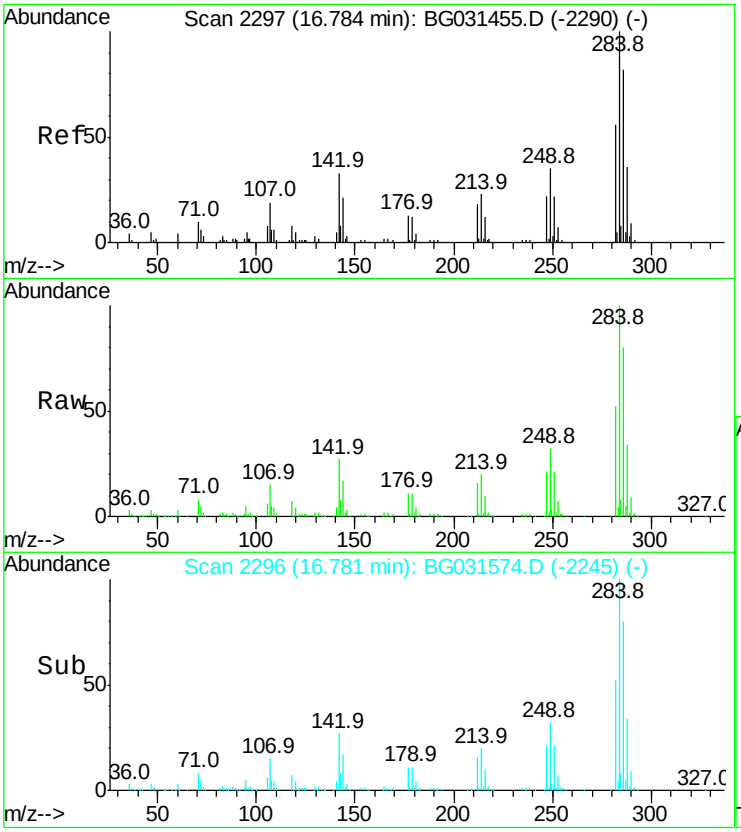




#66
4-Bromophenyl-phenylether
Concen: 43.885 ng
RT: 16.65 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:248 Resp: 278078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.7 | 77.1 | 115.7 |
| 141 | 61.6 | 50.8 | 76.2 |



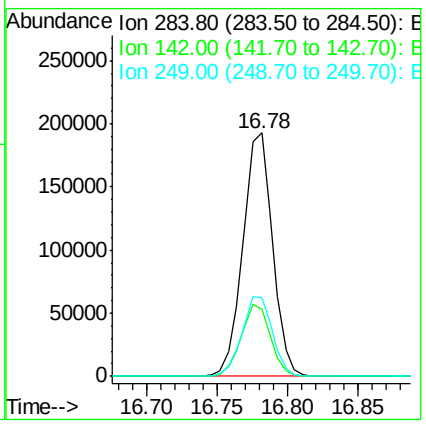


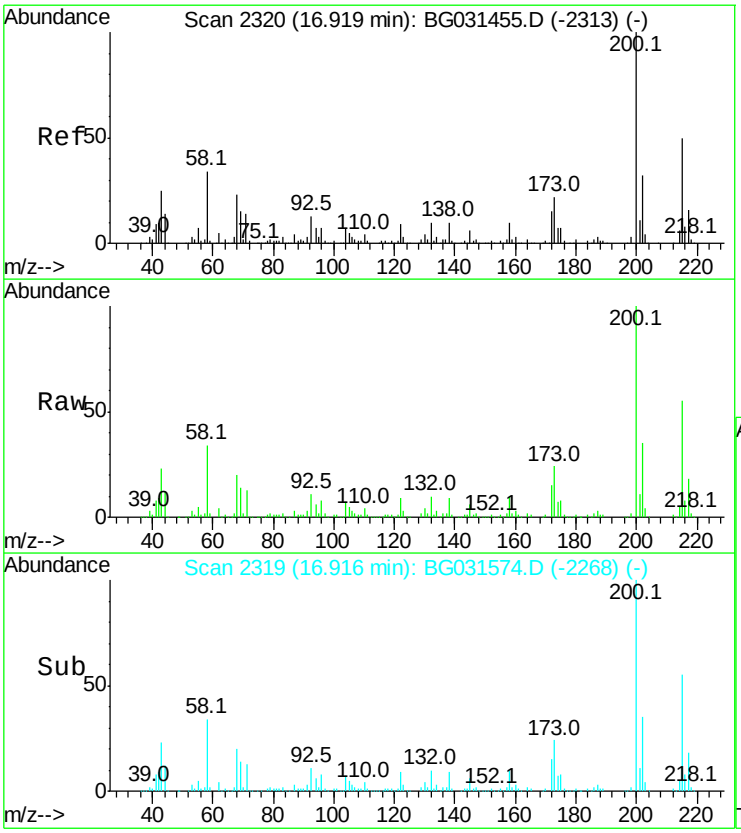

#67
Hexachlorobenzene
Concen: 43.469 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:284 Resp: 284424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 27.4 | 26.8 | 40.2 |
| 249 | 32.4 | 26.3 | 39.5 |

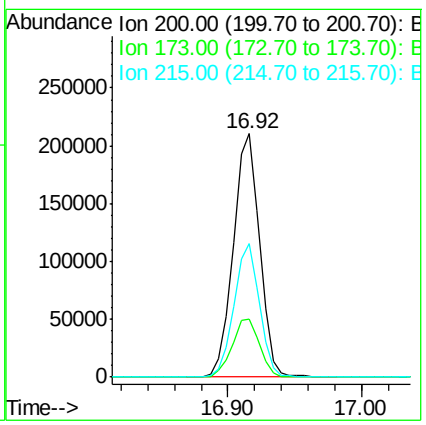


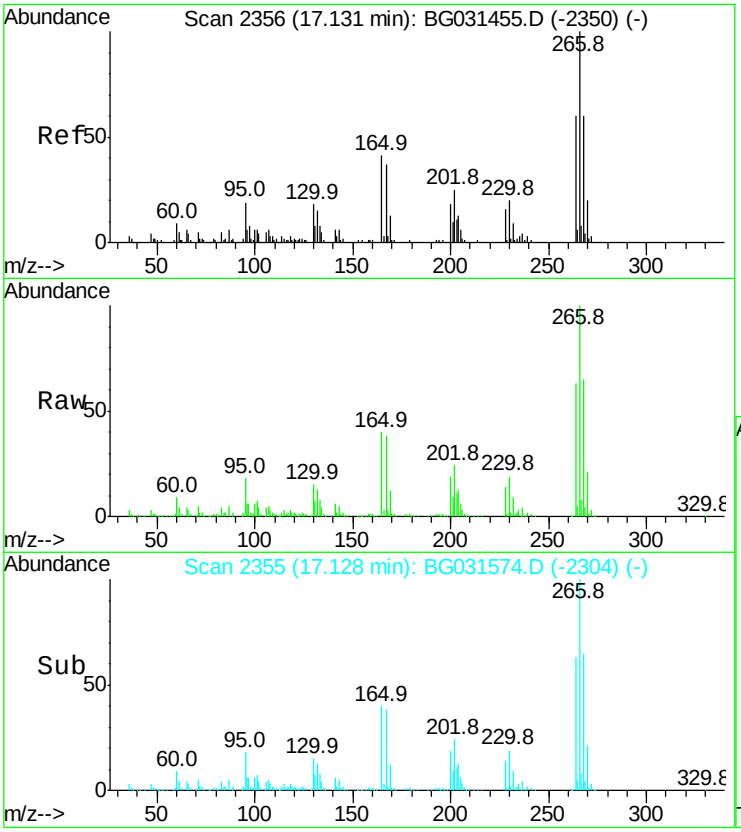




#68
Atrazine
Concen: 49.418 ng
RT: 16.92 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:200 Resp: 288209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.0 | 5.2 | 45.2 |
| 215 | 54.7 | 30.4 | 70.4 |



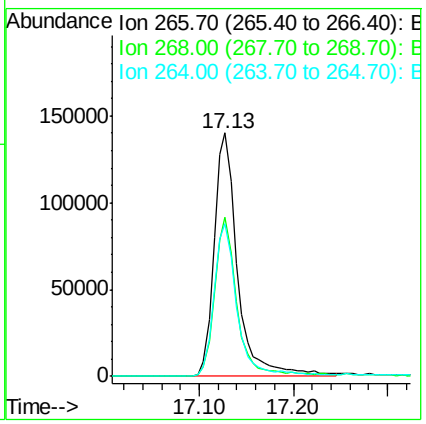


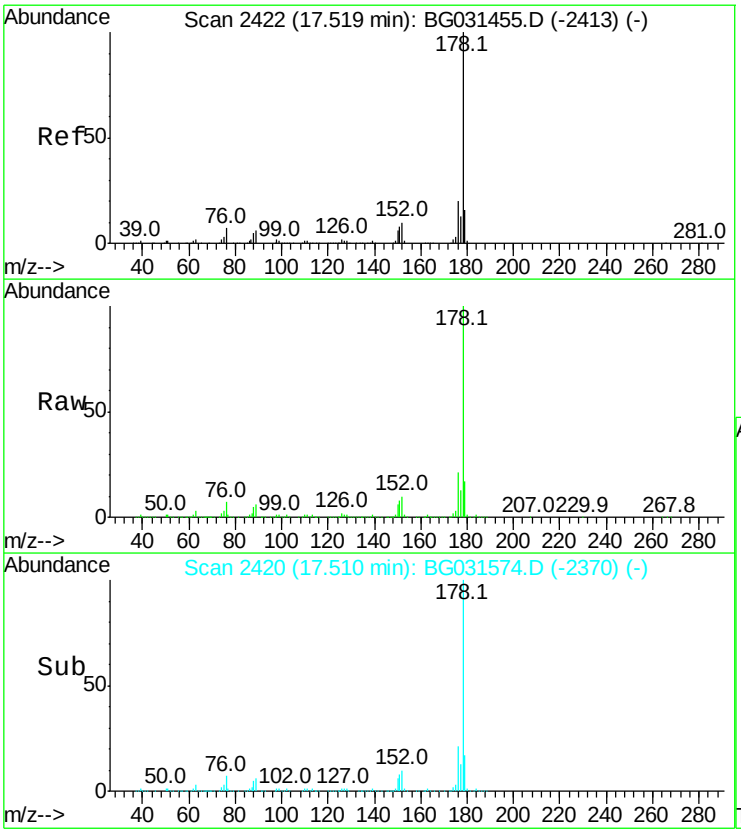

#69
Pentachlorophenol
Concen: 77.888 ng
RT: 17.13 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:266 Resp: 244469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.4 | 51.1 | 76.7 |
| 264 | 62.8 | 49.6 | 74.4 |

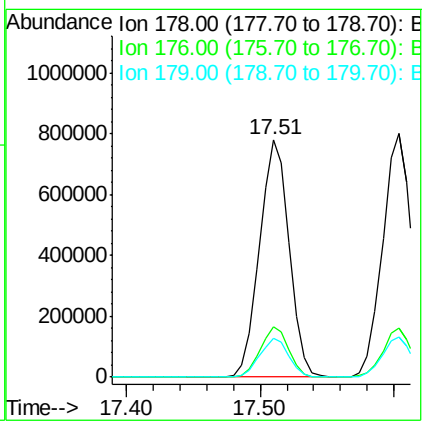


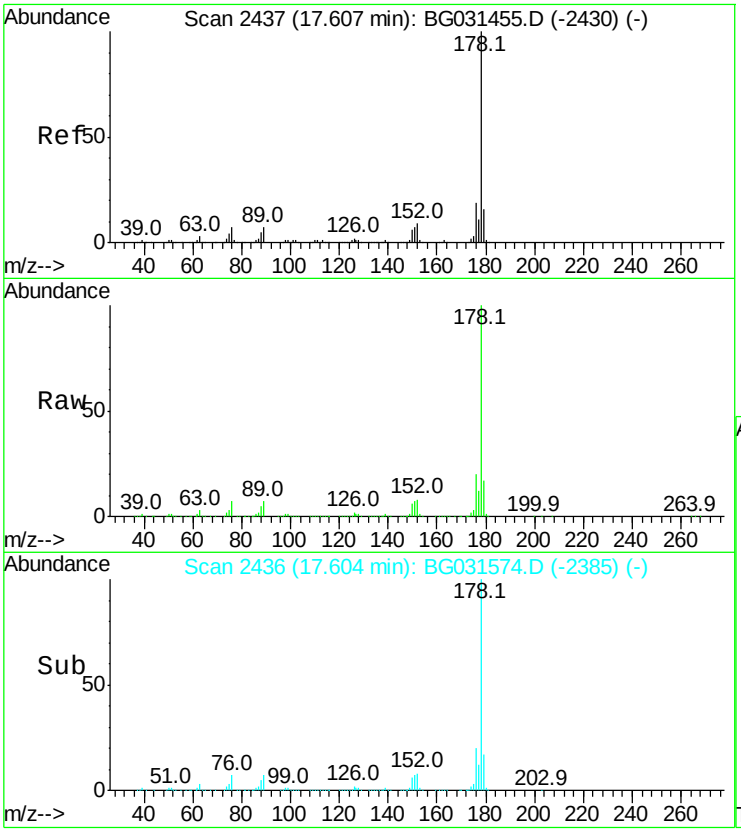




#70
Phenanthrene
Concen: 42.105 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:178 Resp: 1198275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.0 | 15.7 | 23.5 |
| 179 | 16.6 | 12.5 | 18.7 |



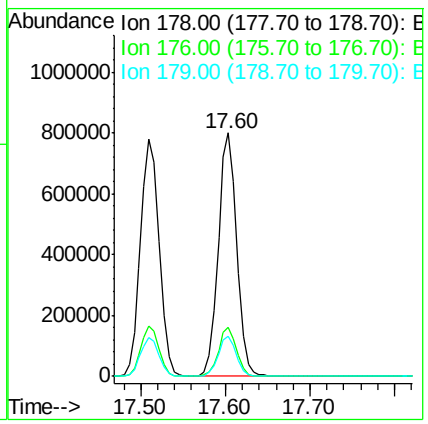


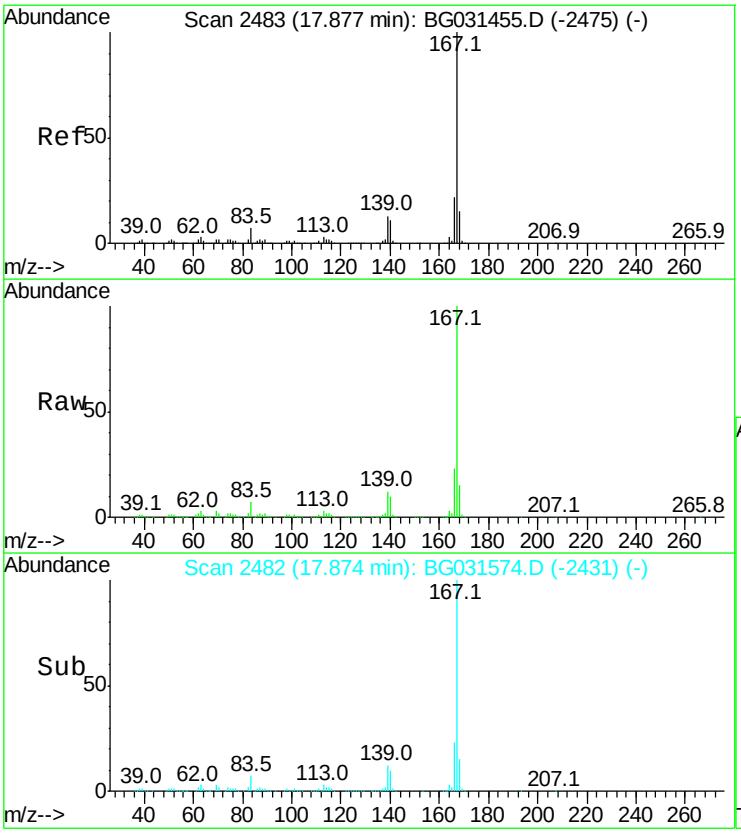

#71
Anthracene
Concen: 43.532 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:178 Resp: 1225273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 16.0 | 24.0 |
| 179 | 16.7 | 12.5 | 18.7 |

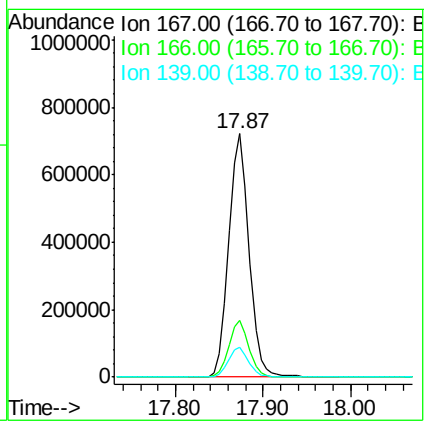


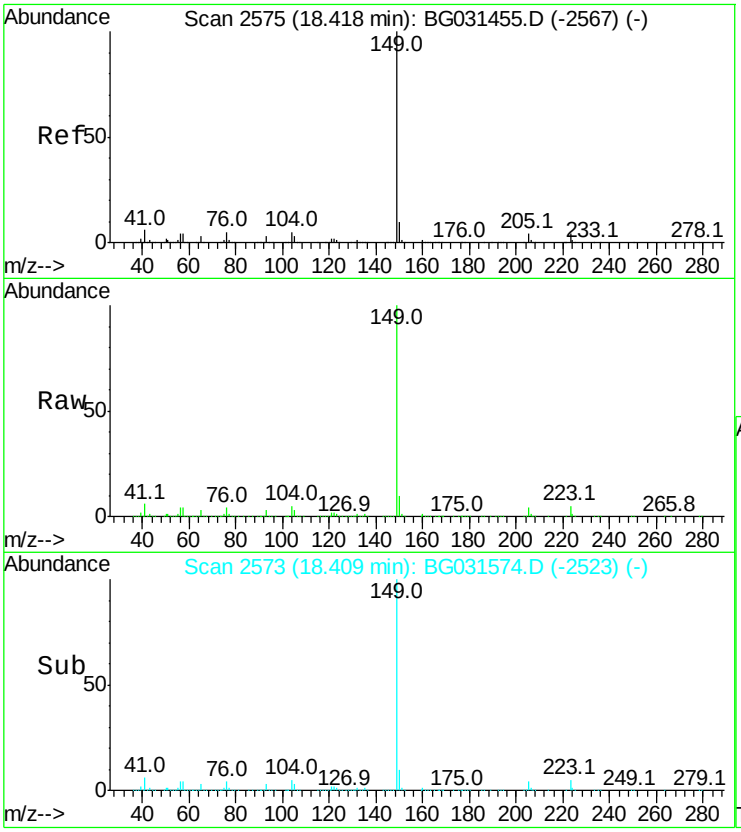




#72
Carbazole
Concen: 45.016 ng
RT: 17.87 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:167 Resp: 1146616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.4 | 18.2 | 27.4 |
| 139 | 12.5 | 9.4 | 14.2 |



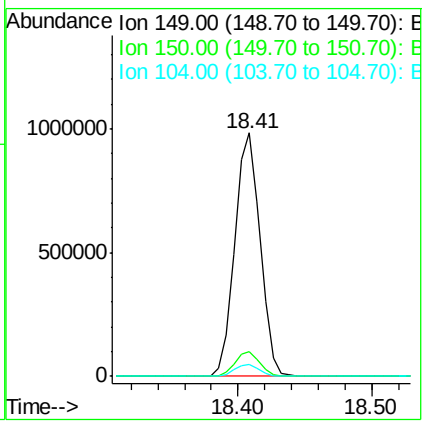


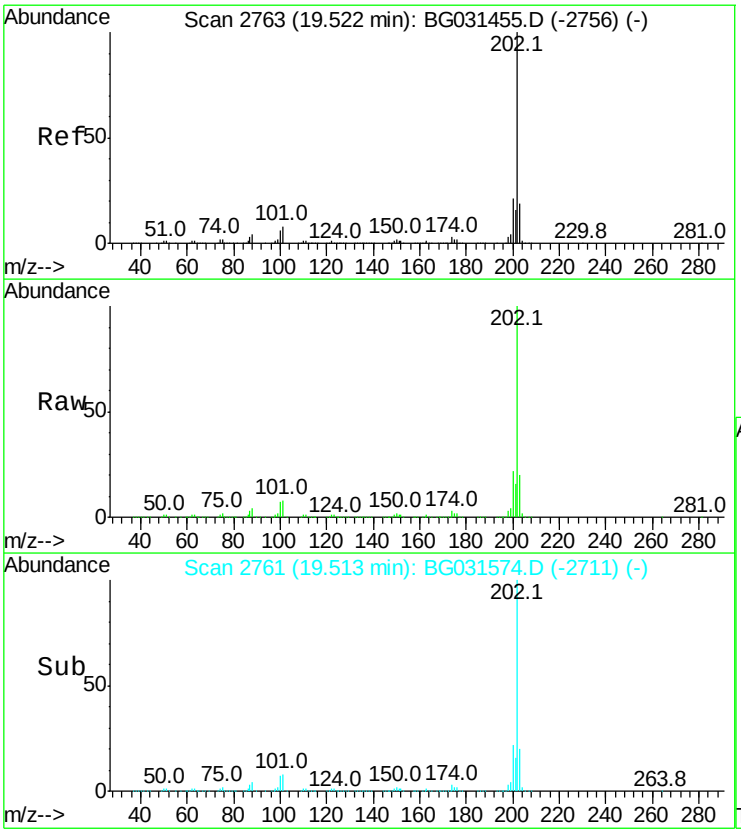

#73
Di-n-butylphthalate
Concen: 43.919 ng
RT: 18.41 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:149 Resp: 1291838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.1 | 7.8 | 11.6 |
| 104 | 5.0 | 3.9 | 5.9 |

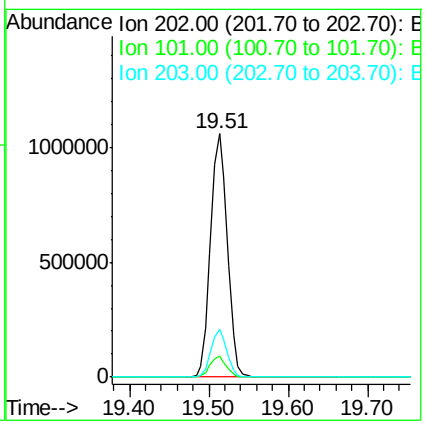


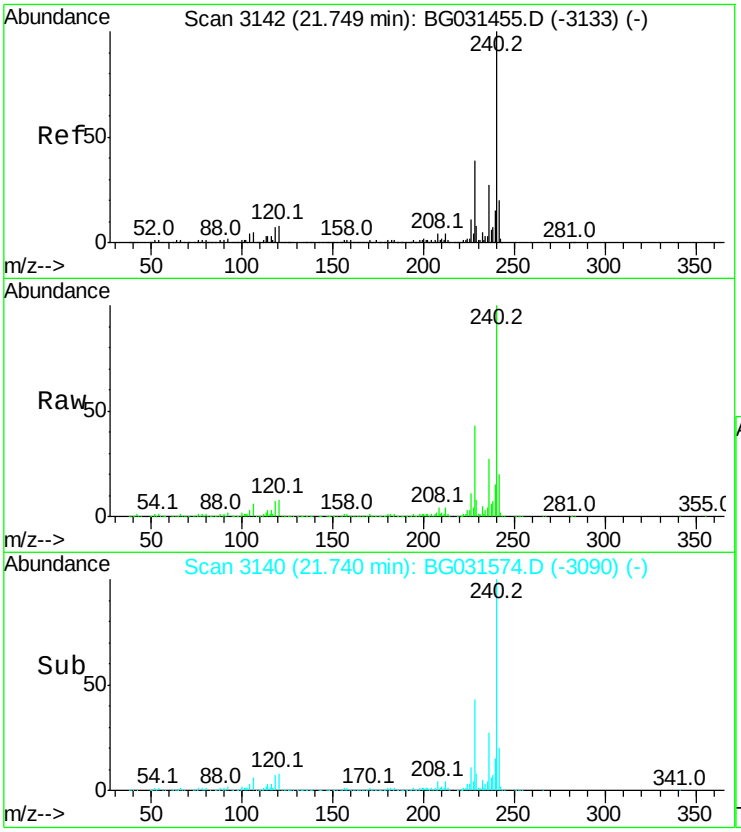




#74
Fluoranthene
Concen: 43.759 ng
RT: 19.51 min Scan# 2761
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:202 Resp: 1558523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.4 | 0.0 | 28.9 |
| 203 | 19.8 | 0.0 | 37.5 |



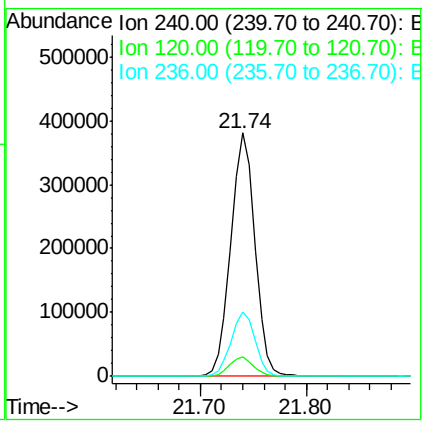


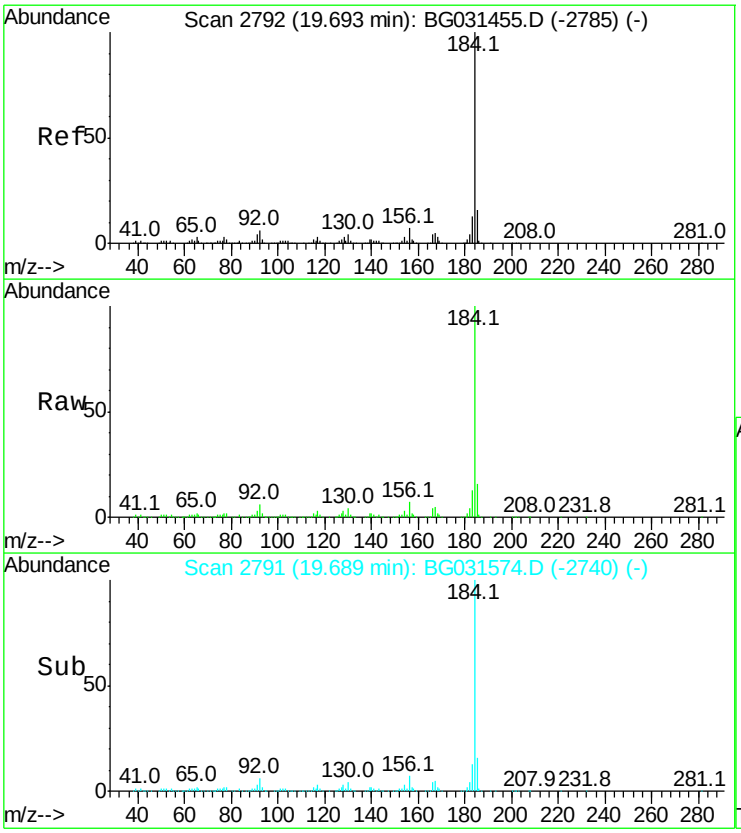

#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:240 Resp: 599849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.9 | 6.8 | 10.2 |
| 236 | 26.6 | 20.9 | 31.3 |

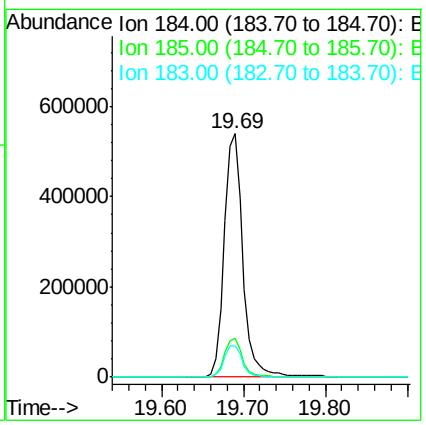


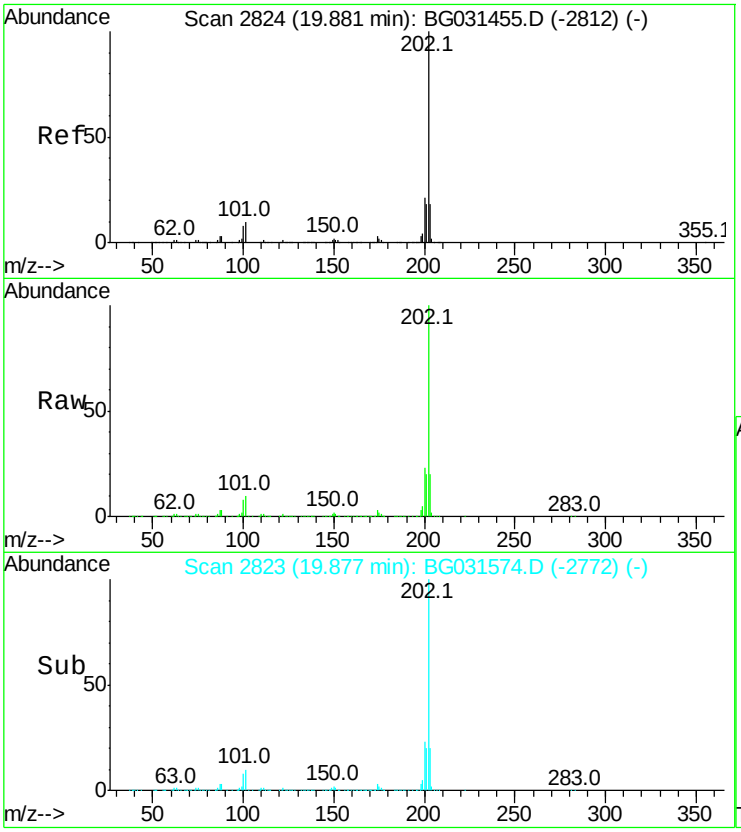




#76
Benzidine
Concen: 61.162 ng
RT: 19.69 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:184 Resp: 853794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.8 | 11.1 | 16.7 |
| 183 | 12.8 | 10.6 | 16.0 |



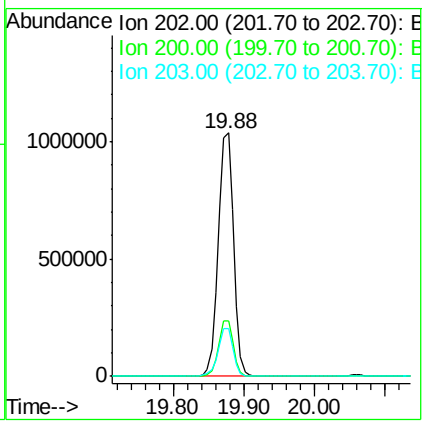


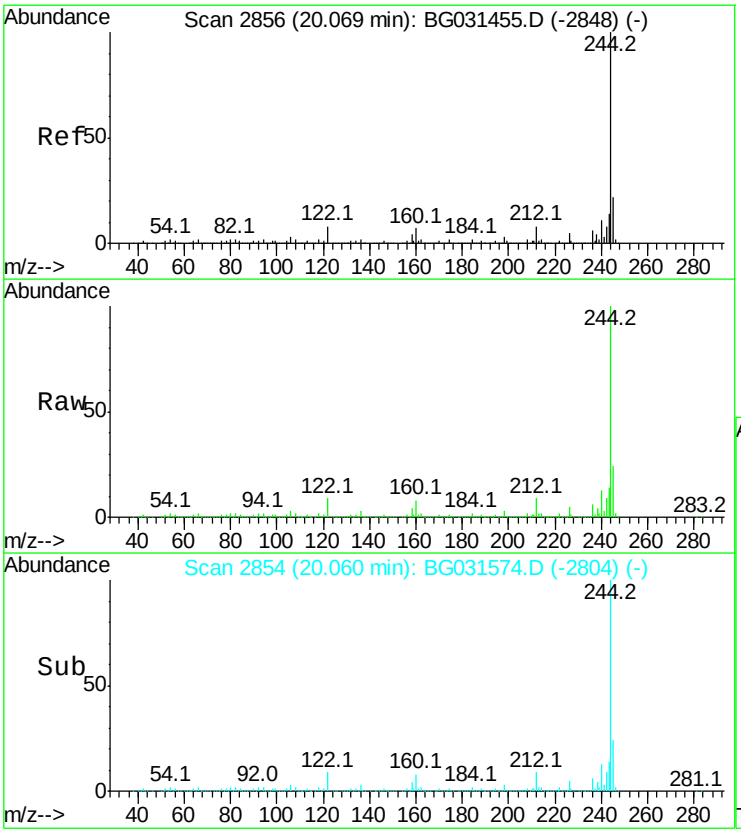

#77
Pyrene
Concen: 42.003 ng
RT: 19.88 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:202 Resp: 1565559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.7 | 16.9 | 25.3 |
| 203 | 19.5 | 13.9 | 20.9 |

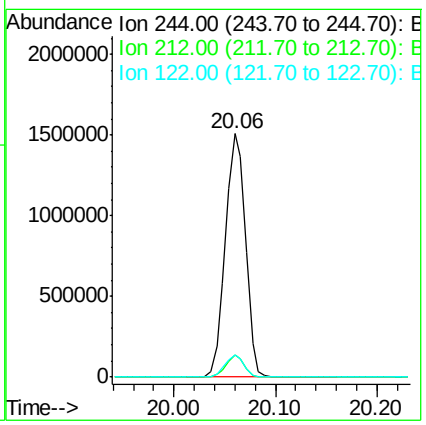


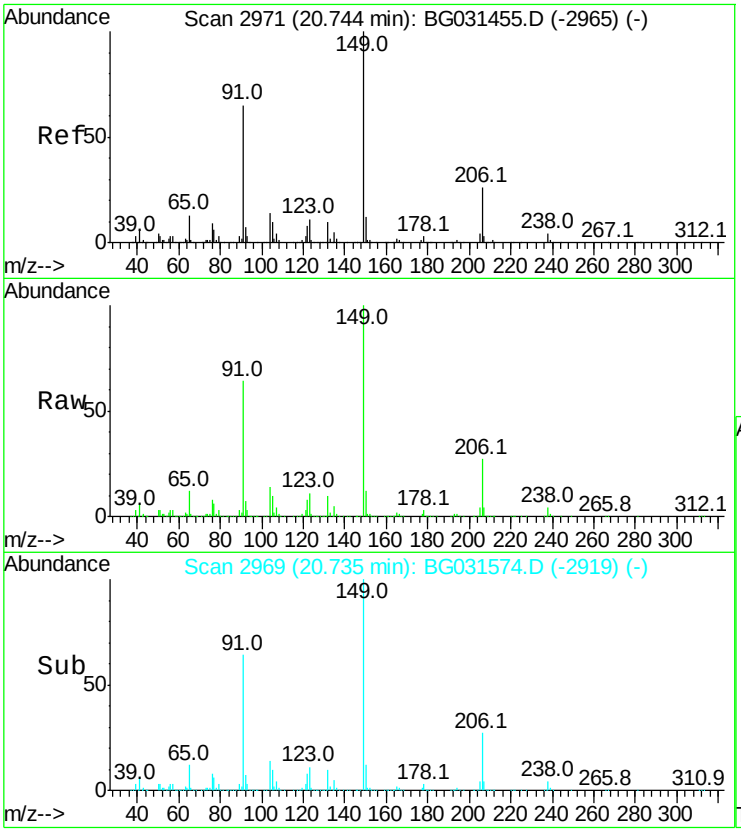




#78
Terphenyl-d14
Concen: 79.050 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:244 Resp: 2084161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.1 | 5.8 | 8.8# |
| 122 | 9.2 | 7.0 | 10.4 |



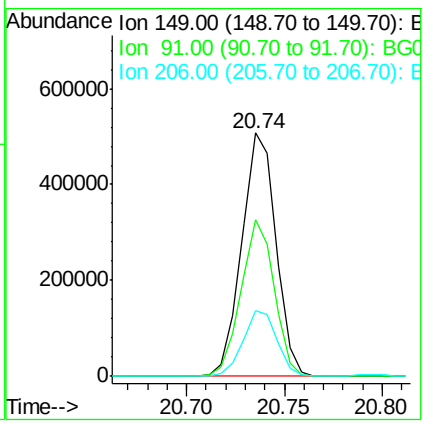


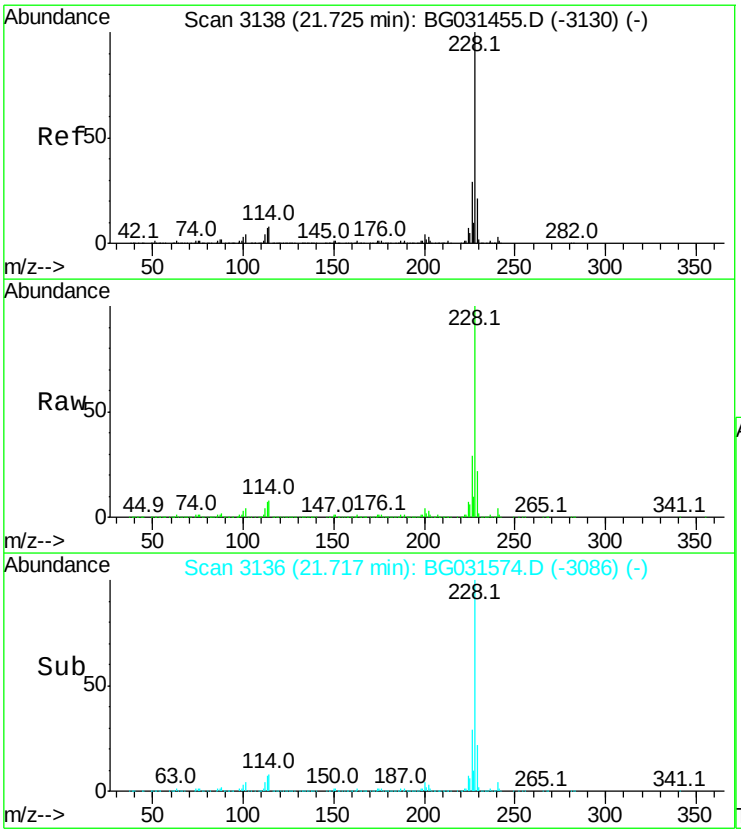

#79
Butylbenzylphthalate
Concen: 47.089 ng
RT: 20.74 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:149 Resp: 615720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 64.4 | 62.2 | 93.2 |
| 206 | 27.0 | 18.6 | 27.8 |

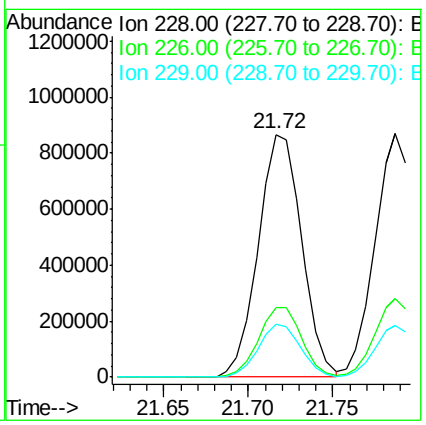


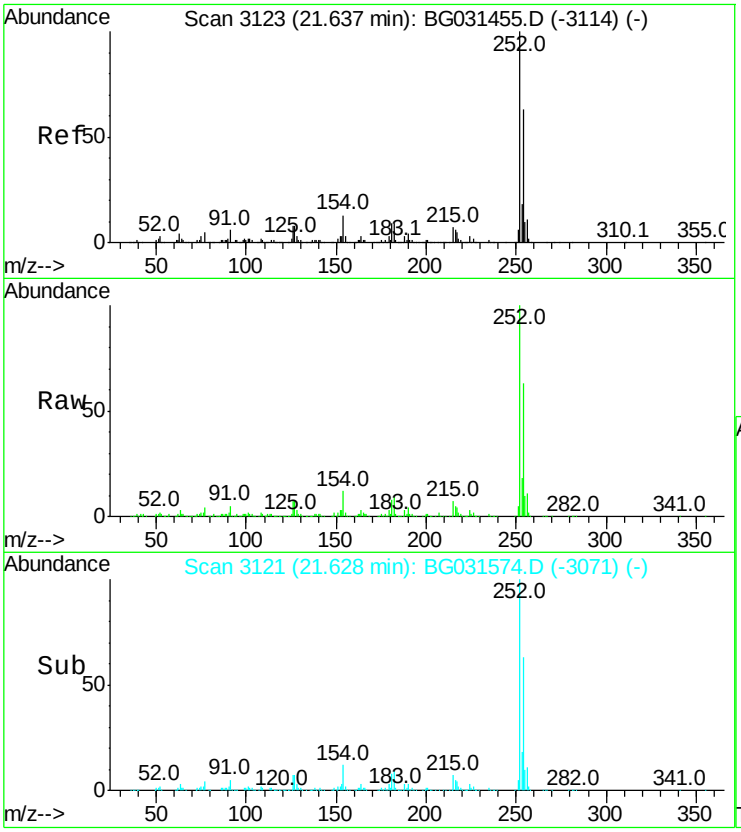




#80
Benzo(a)anthracene
Concen: 42.693 ng
RT: 21.72 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:228 Resp: 1545753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.9 | 22.7 | 34.1 |
| 229 | 21.9 | 16.2 | 24.2 |



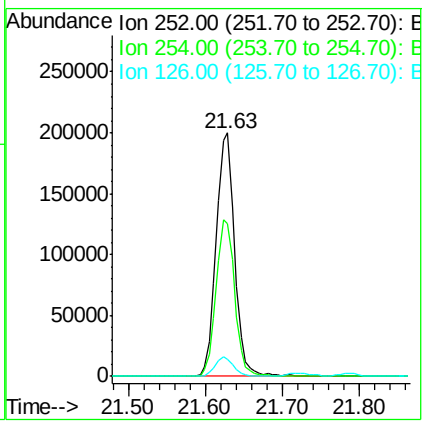


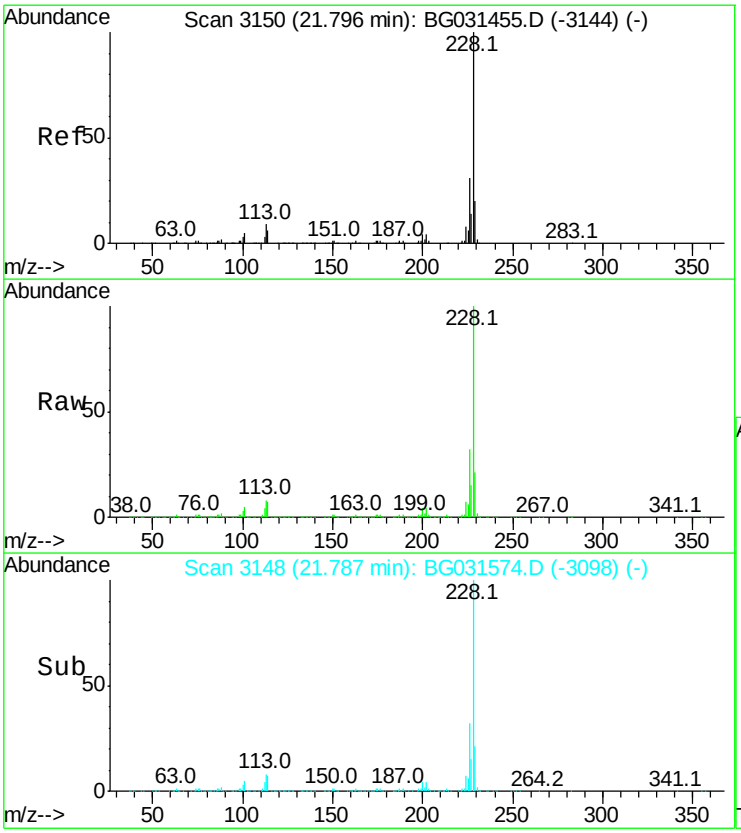

#81
3,3'-Dichlorobenzidine
Concen: 26.172 ng
RT: 21.63 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:252 Resp: 329795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.8 | 50.8 | 76.2 |
| 126 | 7.1 | 7.4 | 11.2# |

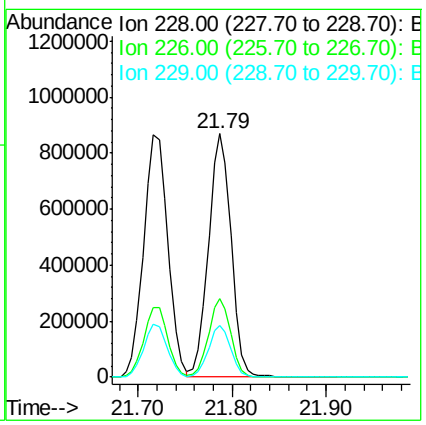


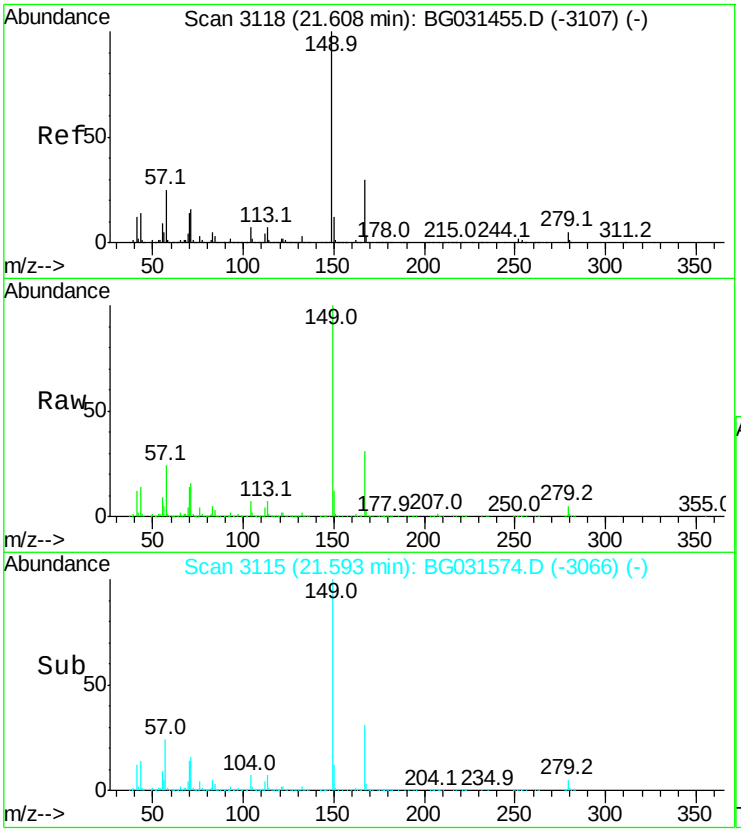




#82
Chrysene
Concen: 42.173 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:228 Resp: 1463787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.3 | 24.9 | 37.3 |
| 229 | 21.1 | 15.0 | 22.4 |



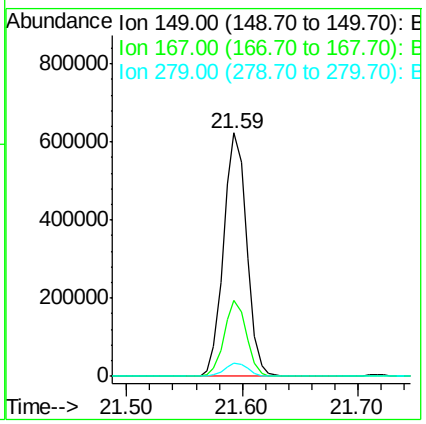


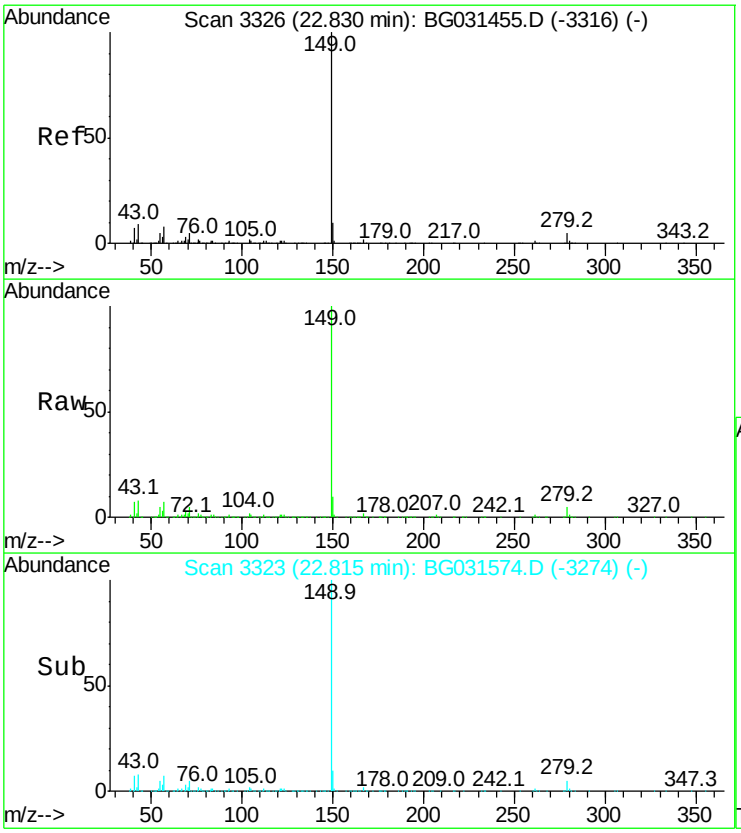

#83
Bis(2-ethylhexyl)phthalate
Concen: 45.870 ng
RT: 21.59 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:149 Resp: 862887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.9 | 24.3 | 36.5 |
| 279 | 5.4 | 4.0 | 6.0 |

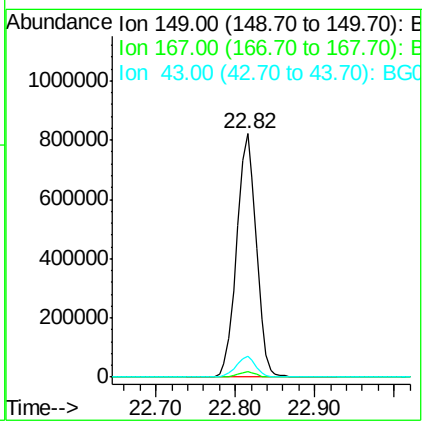


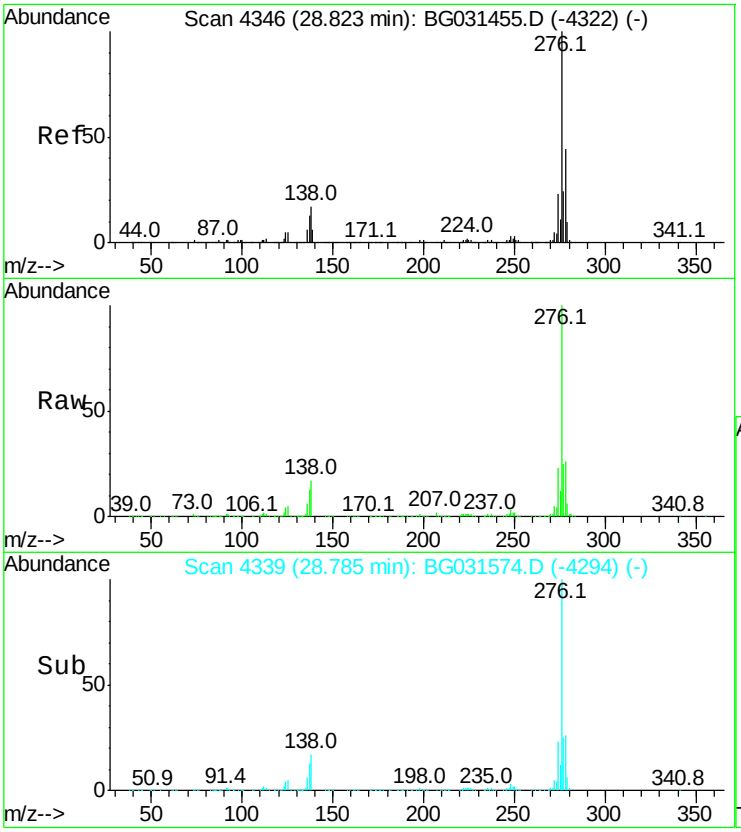




#84
Di-n-octyl phthalate
Concen: 45.313 ng
RT: 22.82 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:149 Resp: 1406079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.9 | 1.4 | 2.0 |
| 43 | 8.1 | 8.9 | 13.3# |



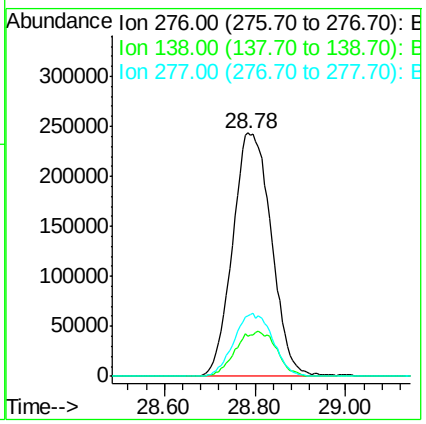


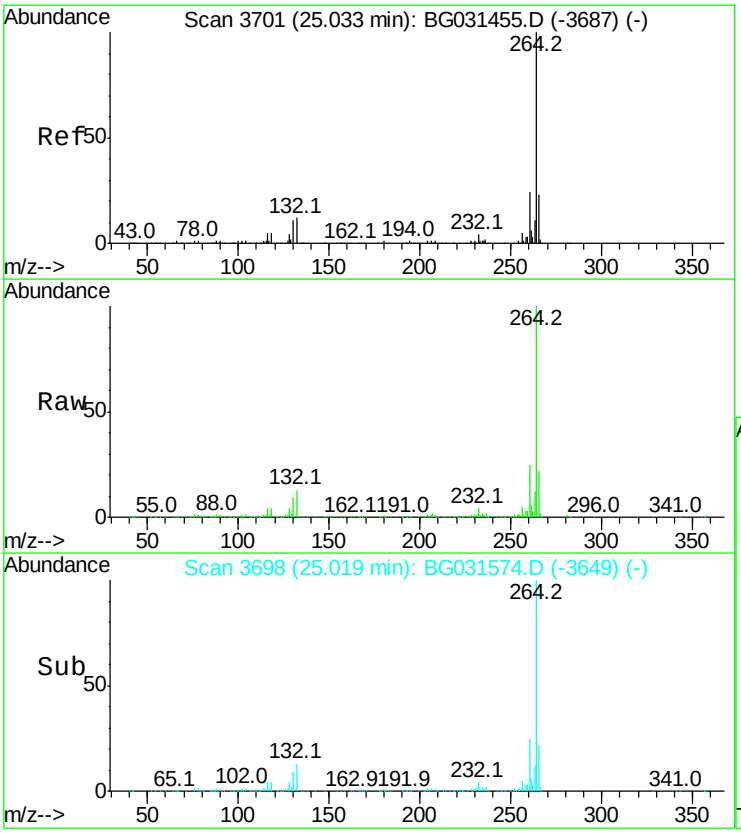

#85
Indeno(1,2,3-cd)pyrene
Concen: 38.907 ng
RT: 28.78 min Scan# 4339
Delta R.T. -0.04 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:276 Resp: 1443215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 16.0 | 24.0# |
| 277 | 0.0 | 20.0 | 30.0# |

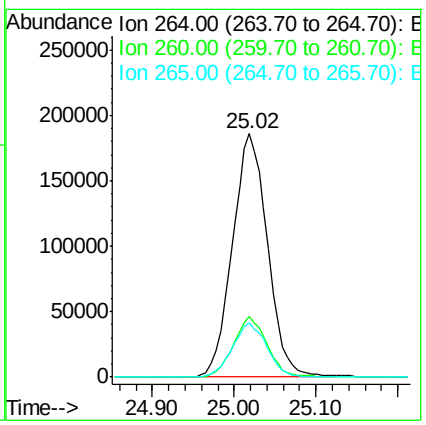


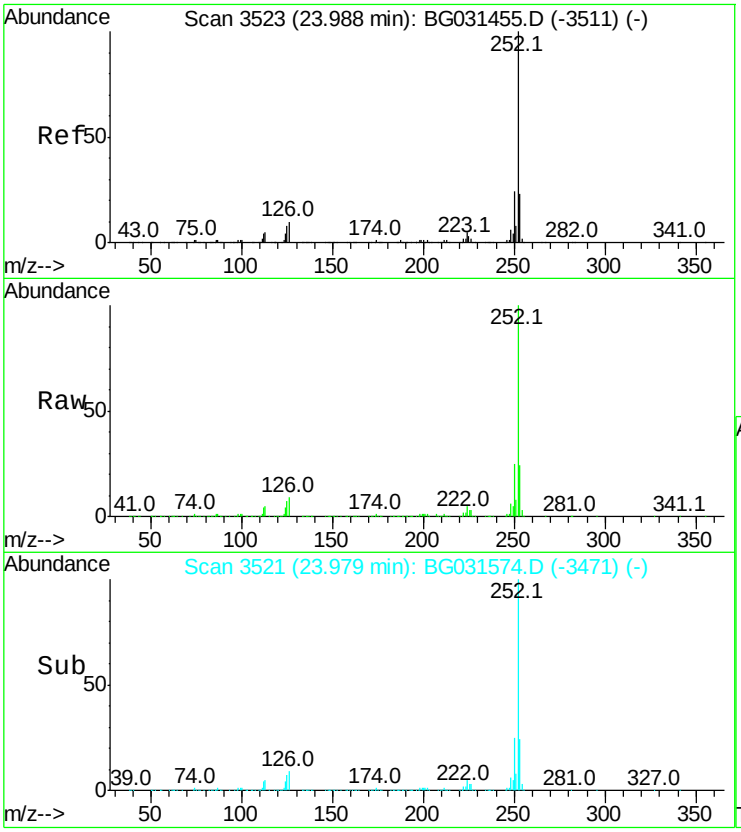




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:264 Resp: 553296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 17.4 | 26.0 |
| 265 | 22.0 | 17.7 | 26.5 |



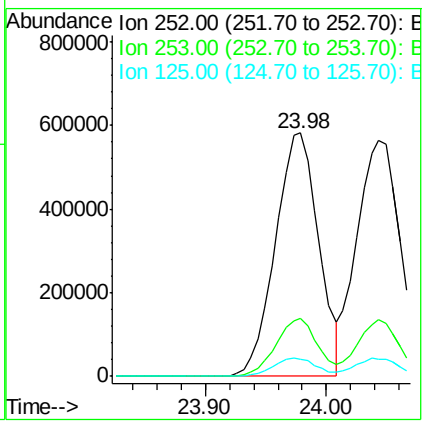


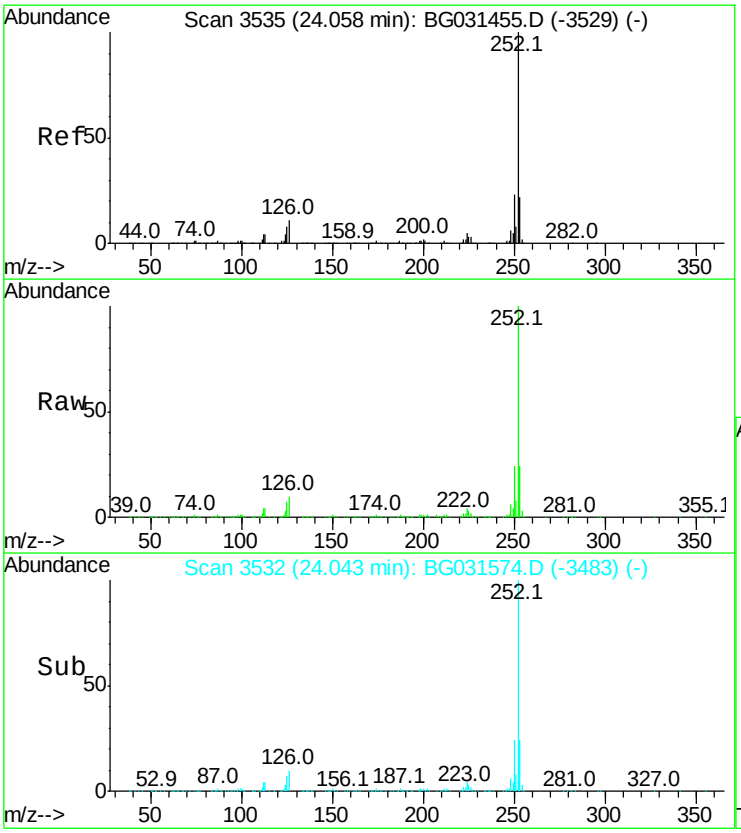

#87
Benzo(b)fluoranthene
Concen: 43.640 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:252 Resp: 1443572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 18.2 | 27.4 |
| 125 | 7.3 | 7.2 | 10.8 |

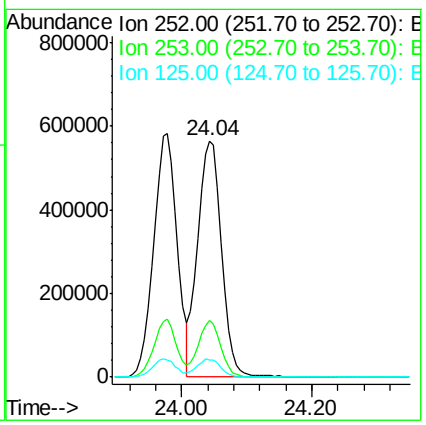


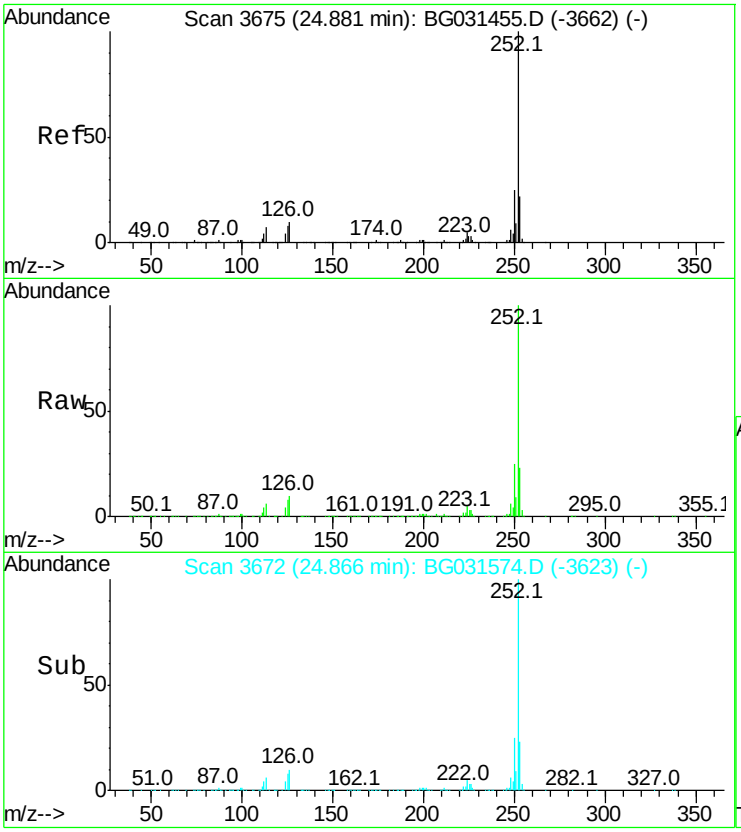




#88
Benzo(k)fluoranthene
Concen: 42.439 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:252 Resp: 1432627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 17.4 | 26.2 |
| 125 | 7.5 | 6.6 | 9.8 |



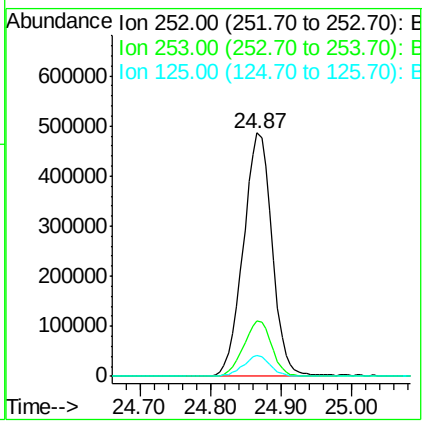


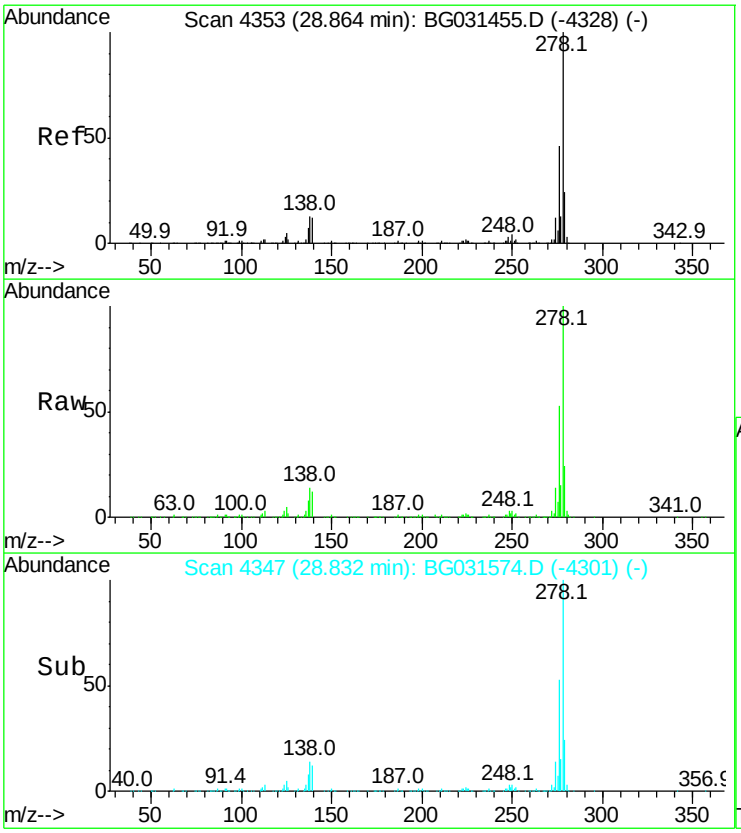

#89
Benzo(a)pyrene
Concen: 44.130 ng
RT: 24.87 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:252 Resp: 1384779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 18.3 | 27.5 |
| 125 | 8.5 | 7.3 | 10.9 |

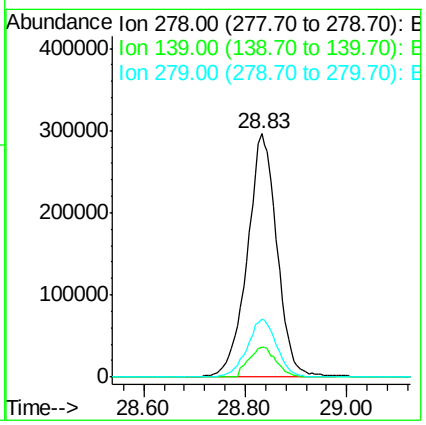


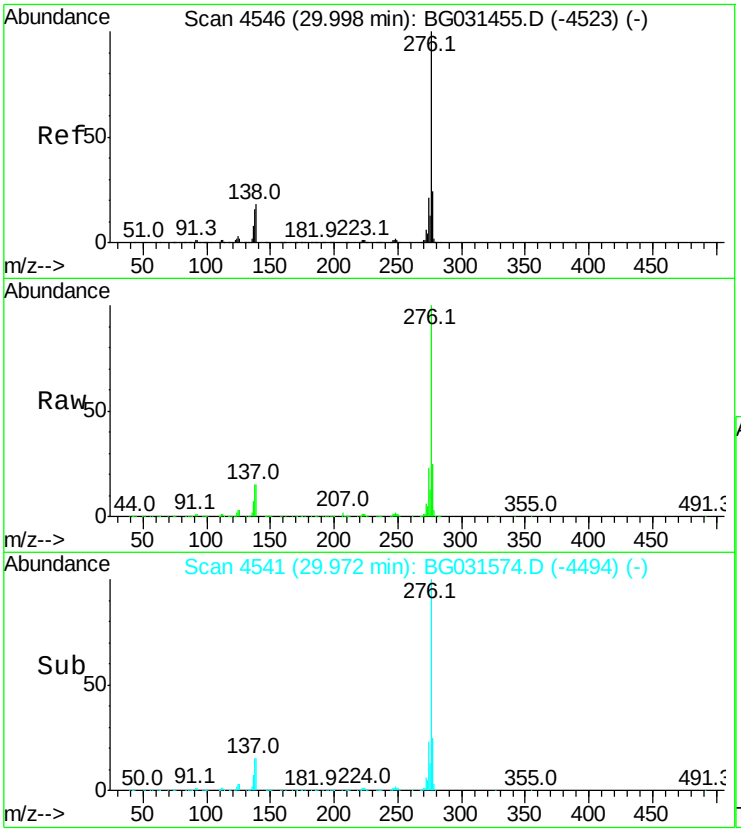




#90
Dibenzo(a,h)anthracene
Concen: 40.052 ng
RT: 28.83 min Scan# 4347
Delta R.T. -0.03 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

Tgt Ion:278 Resp: 1201844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 12.2 | 9.8 | 14.6 |
| 279 | 23.6 | 18.4 | 27.6 |






#91
Benzo(g,h,i)perylene
Concen: 40.042 ng
RT: 29.97 min Scan# 4541
Delta R.T. -0.03 min
Lab File: BG031574.D
Acq: 15 Dec 2017 00:48

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

Tgt Ion:276 Resp: 1181290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.6 | 18.3 | 27.5 |
| 138 | 15.3 | 13.9 | 20.9 |