Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024577.D
Acq On : 1 Nov 2016 5:04
Operator : UM/SJ
Sample : PB94406BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB94406BS

Quant Time: Nov 01 12:03:03 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 | 129541 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.10 | 136 | 507893 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.89 | 164 | 395832 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.63 | 188 | 838151 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.92 | 240 | 1098338 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.35 | 264 | 1153440 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.80 | 112 | 947826 | 119.92 | ng | | 0.00 |
| 7) Phenol-d6 | 7.41 | 99 | 1370014 | 126.37 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.45 | 82 | 962234 | 86.26 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.37 | 330 | 745077 | 126.00 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.51 | 172 | 1922597 | 80.73 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.21 | 244 | 3054916 | 83.11 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.67 | 88 | 100082 | 30.99 | ng | | 87 |
| 3) Pyridine | 4.08 | 79 | 465054 | 48.10 | ng | | 87 |
| 4) n-Nitrosodimethylamine | 3.99 | 42 | 169735 | 33.91 | ng | # | 82 |
| 6) Aniline | 7.58 | 93 | 42242 | 3.08 | ng | # | 79 |
| 8) 2-Chlorophenol | 7.83 | 128 | 301355 | 37.50 | ng | | 96 |
| 9) Benzaldehyde | 7.40 | 77 | 66900 | 9.99 | ng | | 90 |
| 10) Phenol | 7.43 | 94 | 435265 | 38.95 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.68 | 93 | 317504 | 37.82 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 8.16 | 146 | 340443 | 34.22 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 8.31 | 146 | 343806 | 34.99 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.63 | 146 | 337197 | 35.69 | ng | | 96 |
| 15) Benzyl Alcohol | 8.50 | 79 | 341532 | 33.86 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.80 | 45 | 520937 | 33.44 | ng | | 94 |
| 17) 2-Methylphenol | 8.70 | 107 | 289825 | 39.14 | ng | | 96 |
| 18) Hexachloroethane | 9.36 | 117 | 138762 | 36.74 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 9.07 | 70 | 294681 | 36.88 | ng | | 87 |
| 20) 3+4-Methylphenols | 9.02 | 107 | 392723 | 39.50 | ng | | 98 |
| 22) Acetophenone | 9.10 | 105 | 489546 | 37.52 | ng | # | 92 |
| 24) Nitrobenzene | 9.49 | 77 | 447281 | 36.04 | ng | | 97 |
| 25) Isophorone | 10.00 | 82 | 785653 | 37.86 | ng | | 98 |
| 26) 2-Nitrophenol | 10.20 | 139 | 177546 | 38.54 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.24 | 122 | 324900 | 40.29 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 10.48 | 93 | 434896 | 40.51 | ng | | 95 |
| 29) 2,4-Dichlorophenol | 10.73 | 162 | 347635 | 41.07 | ng | | 90 |
| 30) 1,2,4-Trichlorobenzene | 10.95 | 180 | 363729 | 36.23 | ng | | 99 |
| 31) Naphthalene | 11.15 | 128 | 915933 | 36.15 | ng | | 100 |
| 32) Benzoic acid | 10.35 | 122 | 168708 | 25.12 | ng | # | 85 |
| 33) 4-Chloroaniline | 11.26 | 127 | 24251 | 2.20 | ng | # | 87 |
| 34) Hexachlorobutadiene | 11.42 | 225 | 290119 | 36.92 | ng | | 96 |
| 35) Caprolactam | 12.02 | 113 | 89485 | 28.88 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 12.34 | 107 | 394404 | 38.60 | ng | | 95 |
| 37) 2-Methylnaphthalene | 12.73 | 142 | 694044 | 37.54 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.09 | 216 | 477879 | 35.79 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 13.06 | 237 | 597038 | 79.41 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024577.D
Acq On : 1 Nov 2016 5:04
Operator : UM/SJ
Sample : PB94406BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB94406BS

Quant Time: Nov 01 12:03:03 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 | 314586 | 39.20 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 13.40 | 196 | 328365 | 37.85 | ng | | 96 |
| 45) 1,1'-Biphenyl | 13.72 | 154 | 957816 | 34.87 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.77 | 162 | 767266 | 36.68 | ng | | 97 |
| 47) 2-Nitroaniline | 13.97 | 65 | 295646 | 34.52 | ng | | 98 |
| 48) Acenaphthylene | 14.61 | 152 | 1152724 | 35.94 | ng | | 96 |
| 49) Dimethylphthalate | 14.33 | 163 | 1028774 | 36.61 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 14.46 | 165 | 229172 | 38.20 | ng | | 93 |
| 51) Acenaphthene | 14.95 | 154 | 766938 | 32.07 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 14.99 | 184 | 267846 | 61.61 | ng | | 95 |
| 54) Dibenzofuran | 15.28 | 168 | 1216100 | 36.79 | ng | | 97 |
| 55) 4-Nitrophenol | 15.08 | 139 | 381839 | 70.60 | ng | # | 83 |
| 56) 2,4-Dinitrotoluene | 15.24 | 165 | 330062 | 37.86 | ng | # | 91 |
| 57) Fluorene | 15.93 | 166 | 983810 | 35.89 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.50 | 232 | 349033 | 38.80 | ng | # | 92 |
| 59) Diethylphthalate | 15.68 | 149 | 1042957 | 35.40 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.91 | 204 | 556248 | 36.16 | ng | | 95 |
| 61) 4-Nitroaniline | 15.95 | 138 | 122945 | 18.13 | ng | | 87 |
| 62) Azobenzene | 16.20 | 77 | 1058116 | 36.01 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 16.00 | 198 | 205171 | 35.53 | ng | | 97 |
| 65) n-Nitrosodiphenylamine | 16.13 | 169 | 907772 | 39.62 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.80 | 248 | 400929 | 39.40 | ng | | 94 |
| 67) Hexachlorobenzene | 16.93 | 284 | 445323 | 39.61 | ng | # | 88 |
| 68) Atrazine | 17.06 | 200 | 413843 | 42.11 | ng | | 97 |
| 69) Pentachlorophenol | 17.27 | 266 | 544683 | 73.42 | ng | | 95 |
| 70) Phenanthrene | 17.67 | 178 | 1637531 | 38.33 | ng | | 96 |
| 71) Anthracene | 17.76 | 178 | 1657472 | 38.46 | ng | | 99 |
| 72) Carbazole | 18.03 | 167 | 1439144 | 36.61 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.55 | 149 | 1705791 | 37.64 | ng | | 97 |
| 74) Fluoranthene | 19.66 | 202 | 2020727 | 37.42 | ng | | 98 |
| 76) Benzidine | 19.84 | 184 | 167170 | 6.46 | ng | # | 91 |
| 77) Pyrene | 20.02 | 202 | 2072201 | 38.59 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.89 | 149 | 827562 | 36.97 | ng | | 97 |
| 80) Benzo(a)anthracene | 21.90 | 228 | 2244032 | 37.19 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.81 | 252 | 143767 | 5.91 | ng | # | 90 |
| 82) Chrysene | 21.97 | 228 | 2098617 | 36.52 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.76 | 149 | 1178610 | 36.81 | ng | | 100 |
| 84) Di-n-octyl phthalate | 23.04 | 149 | 2011363 | 37.85 | ng | # | 94 |
| 85) Indeno(1,2,3-cd)pyrene | 29.29 | 276 | 2853206 | 35.97 | ng | # | 98 |
| 87) Benzo(b)fluoranthene | 24.33 | 252 | 2260443 | 36.26 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 24.33 | 252 | 2260443 | 37.54 | ng | | 97 |
| 89) Benzo(a)pyrene | 25.19 | 252 | 2271792 | 37.29 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 29.37 | 278 | 2418081 | 36.16 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 30.54 | 276 | 2406598 | 36.03 | ng | | 99 |

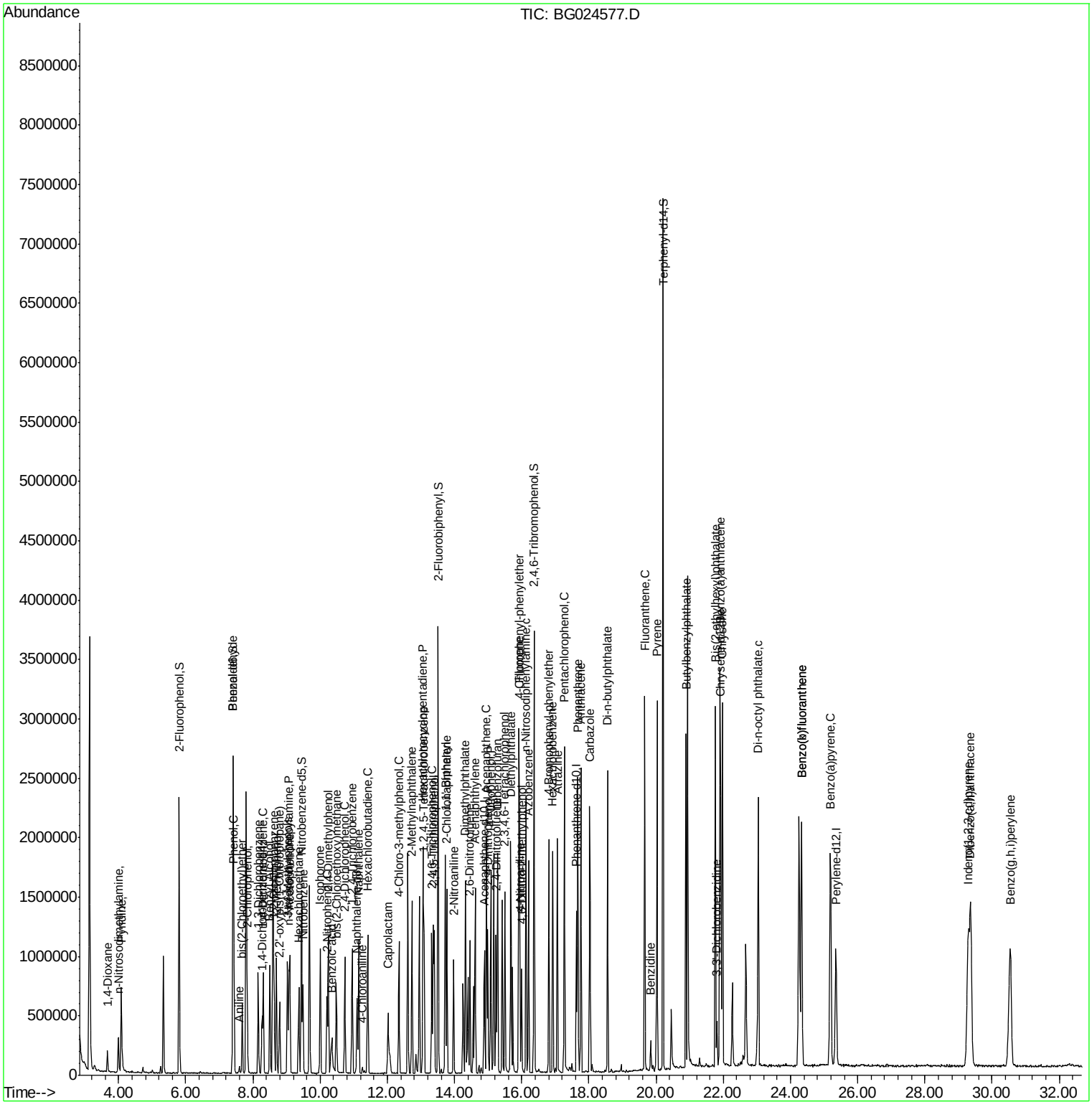
(#) = qualifier out of range (m) = manual integration (+) = signals summed

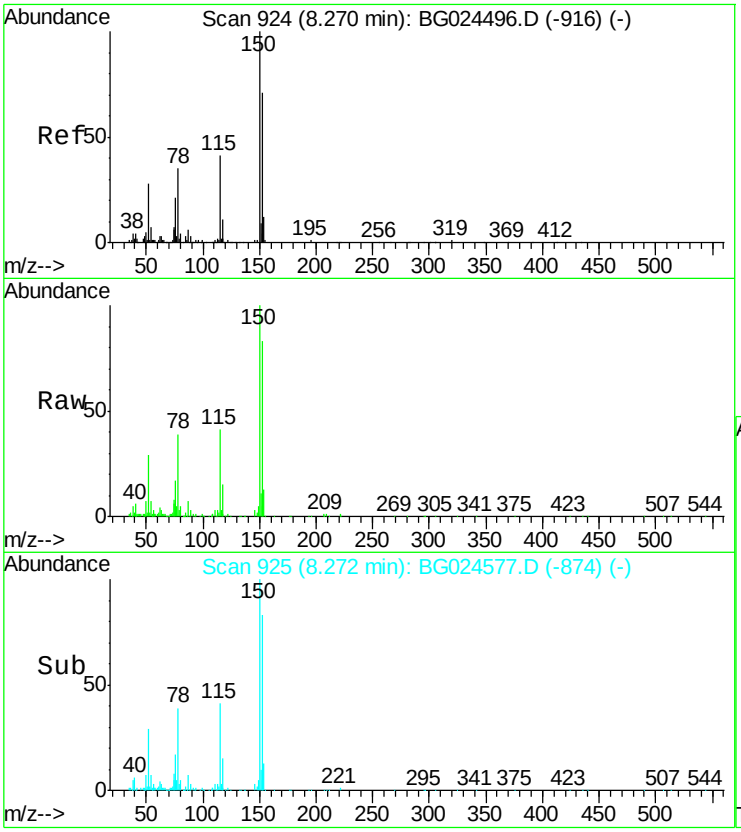
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024577.D
Acq On : 1 Nov 2016 5:04
Operator : UM/SJ
Sample : PB94406BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Quant Time: Nov 01 12:03:03 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



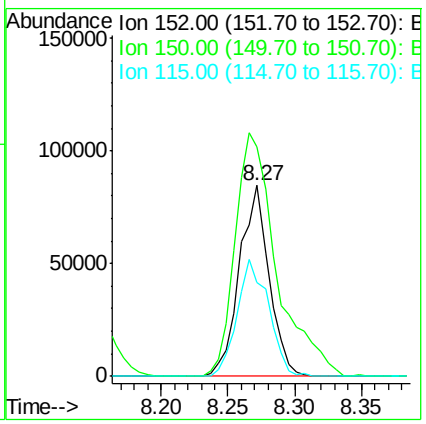


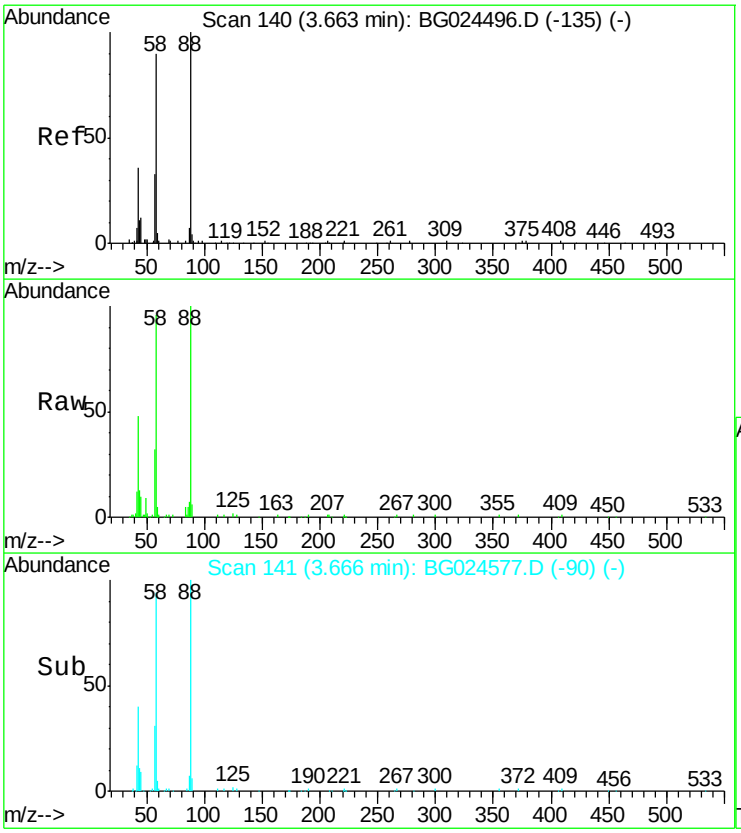

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:152 Resp: 129541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 120.3 | 114.0 | 171.0 |
| 115 | 49.1 | 48.1 | 72.1 |

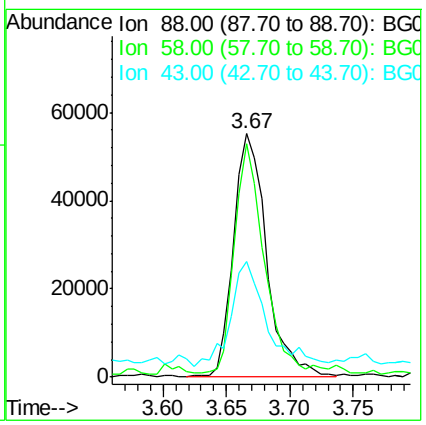


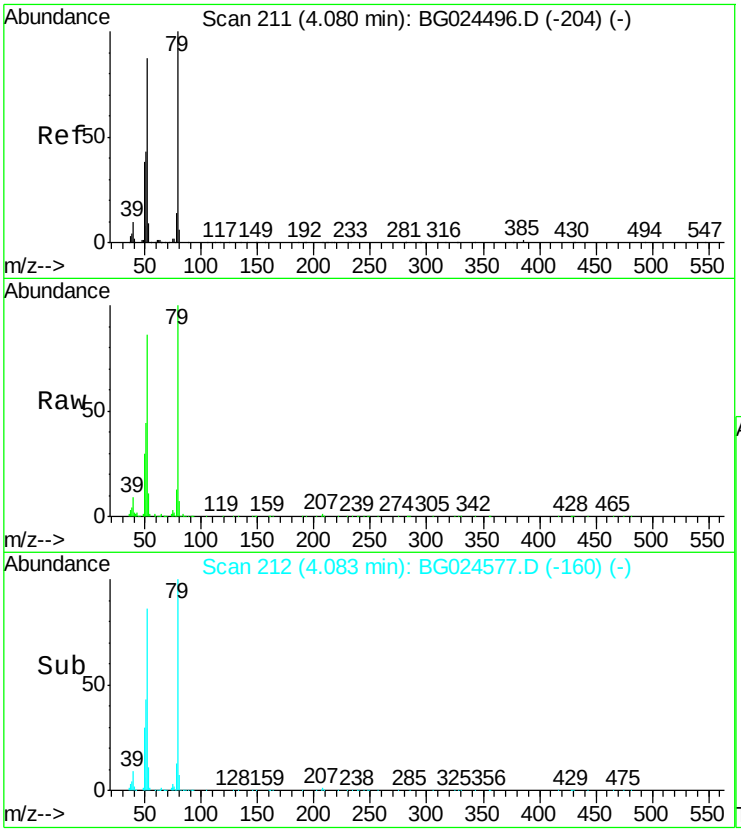




#2
1,4-Dioxane
Concen: 30.99 ng
RT: 3.67 min Scan# 141
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion: 88 Resp: 100082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 82.7 | 79.4 | 119.2 |
| 43 | 45.8 | 33.8 | 50.6 |



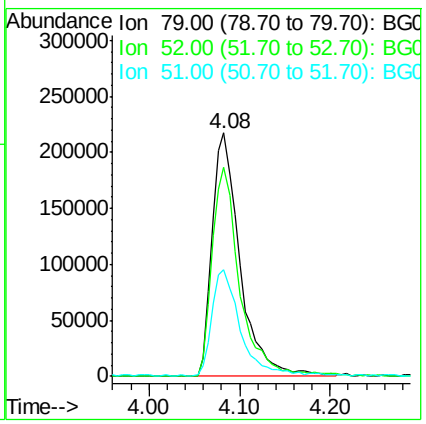


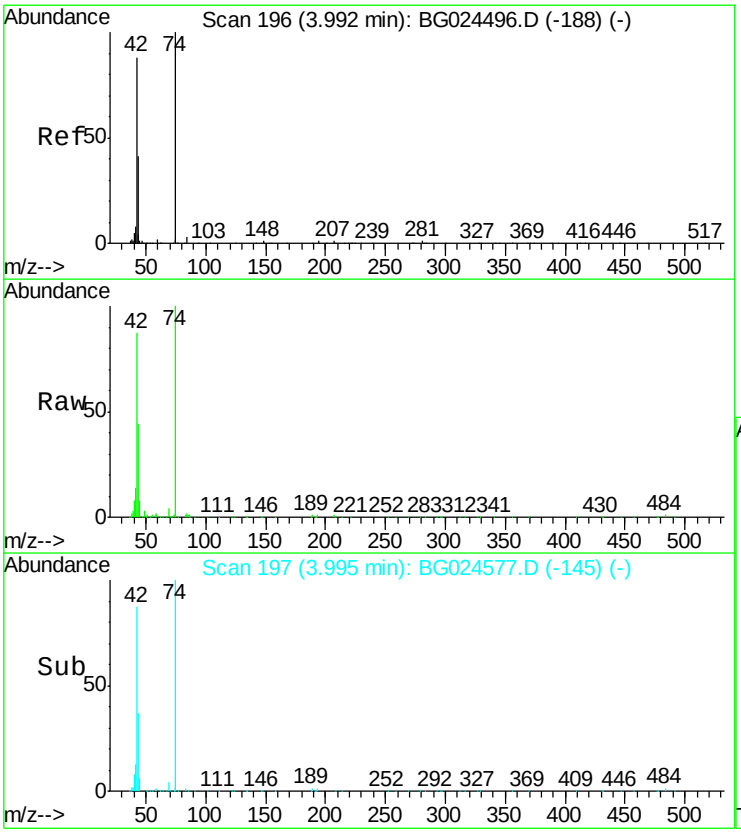

#3
Pyridine
Concen: 48.10 ng
RT: 4.08 min Scan# 212
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion: 79 Resp: 465054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 85.6 | 77.8 | 116.6 |
| 51 | 43.8 | 43.2 | 64.8 |

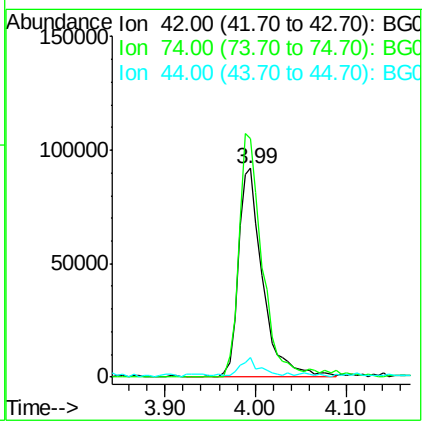


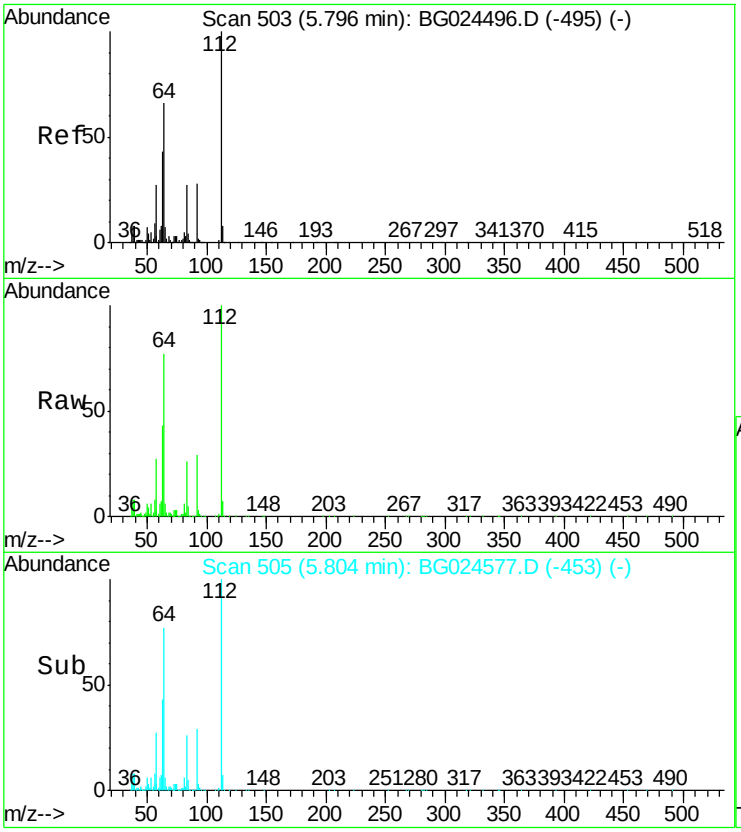




#4
n-Nitrosodimethylamine
Concen: 33.91 ng
RT: 3.99 min Scan# 197
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion: 42 Resp: 169735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 114.5 | 76.7 | 115.1 |
| 44 | 9.6 | 6.1 | 9.1# |



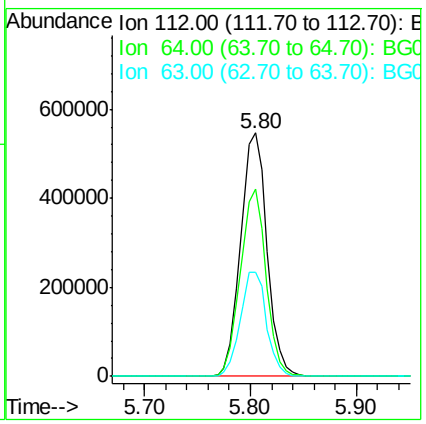


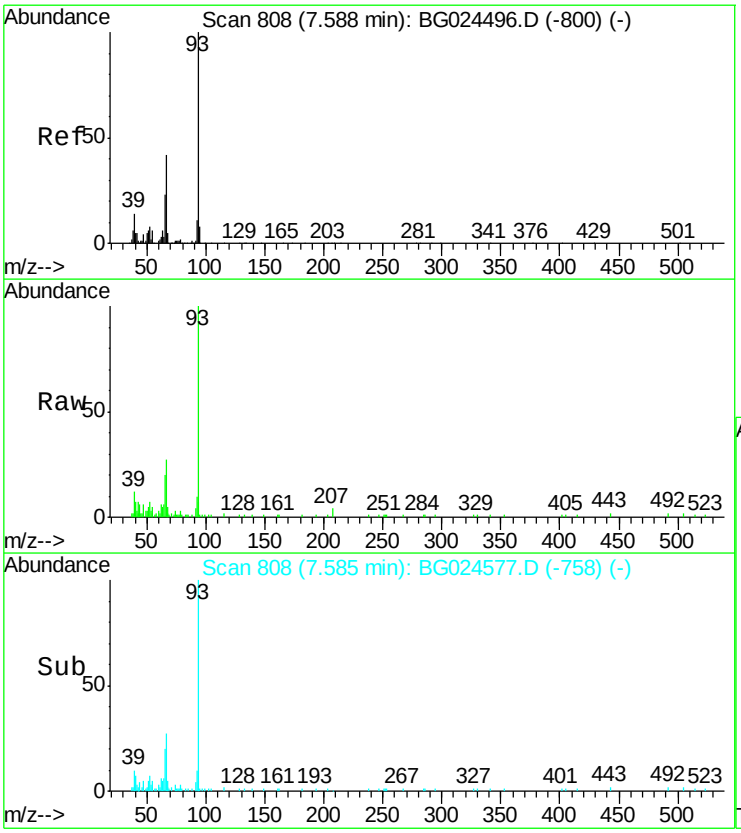

#5
2-Fluorophenol
Concen: 119.92 ng
RT: 5.80 min Scan# 505
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:112 Resp: 947826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 76.7 | 61.8 | 92.6 |
| 63 | 42.9 | 37.2 | 55.8 |

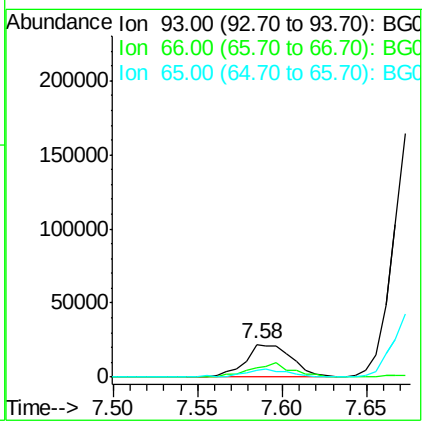


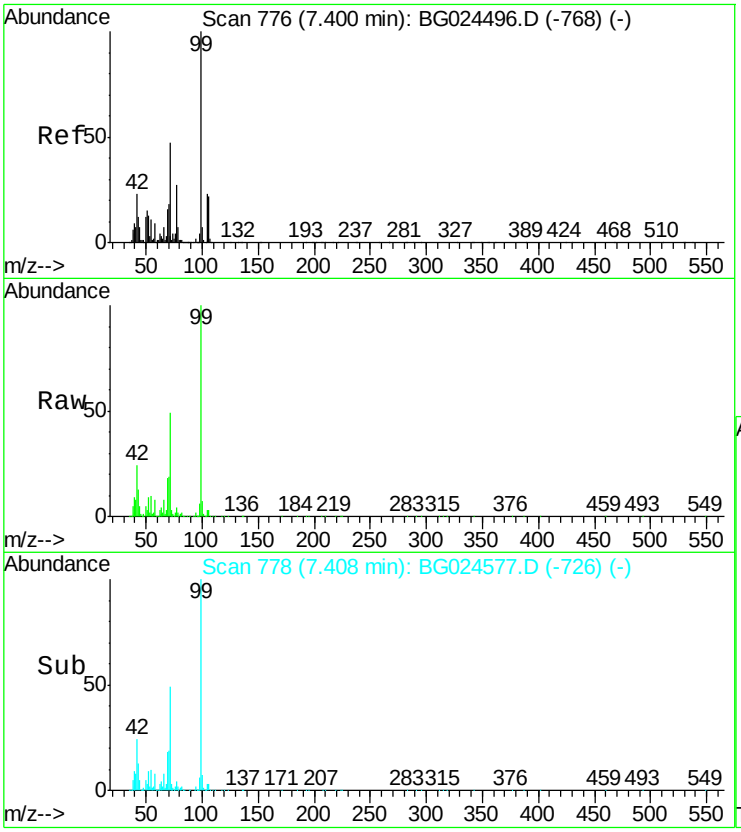




#6
Aniline
Concen: 3.08 ng
RT: 7.58 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion: 93 Resp: 42242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 27.0 | 35.4 | 53.2# |
| 65 | 20.3 | 21.2 | 31.8# |



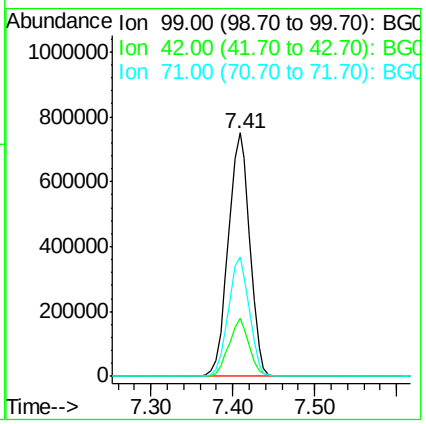


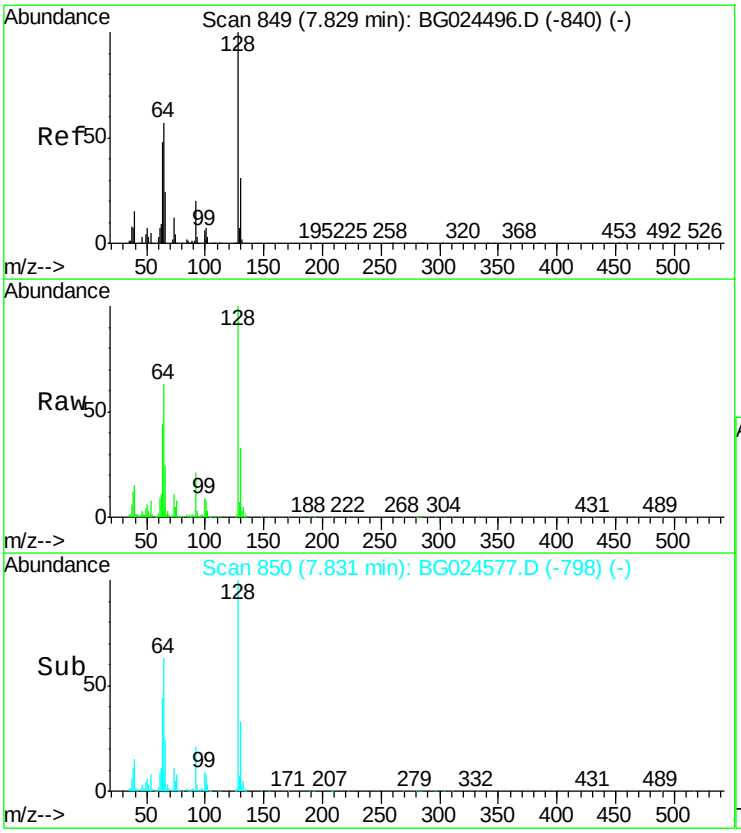

#7
Phenol-d6
Concen: 126.37 ng
RT: 7.41 min Scan# 778
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion: 99 Resp: 1370014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.7 | 20.5 | 30.7 |
| 71 | 49.2 | 37.6 | 56.4 |

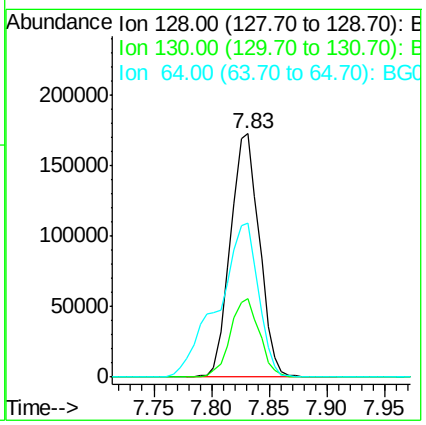


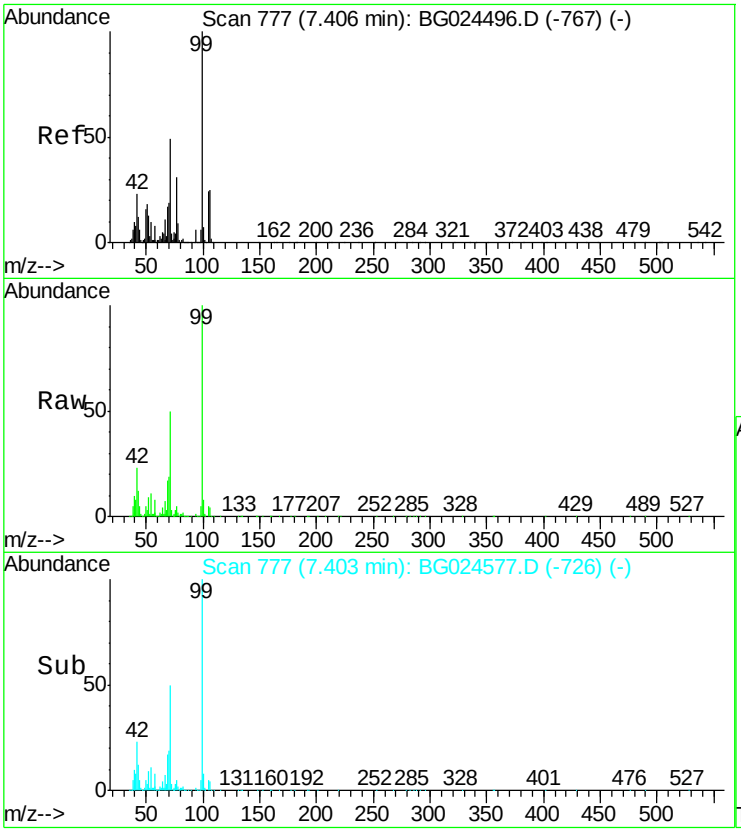




#8
2-Chlorophenol
Concen: 37.50 ng
RT: 7.83 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:128 Resp: 301355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 11.4 | 51.4 |
| 64 | 63.0 | 46.6 | 86.6 |



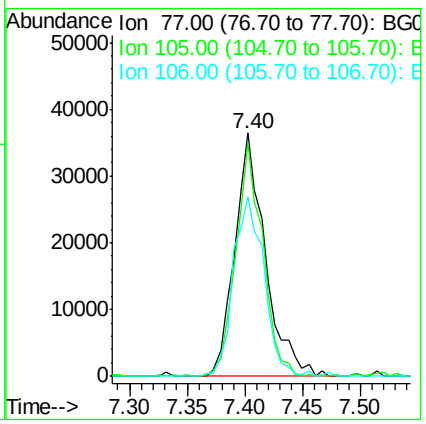


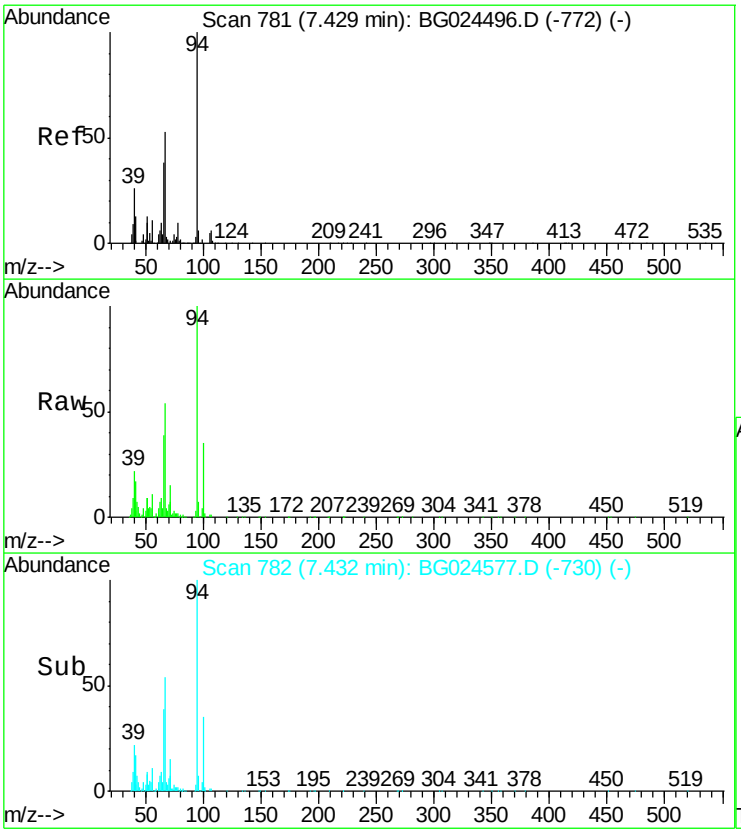

#9
Benzaldehyde
Concen: 9.99 ng
RT: 7.40 min Scan# 777
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion: 77 Resp: 66900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 95.8 | 60.9 | 100.9 |
| 106 | 73.7 | 55.1 | 95.1 |

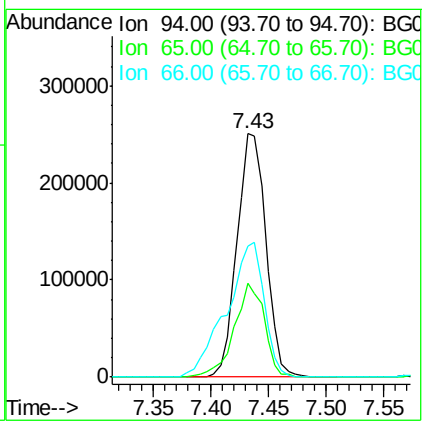


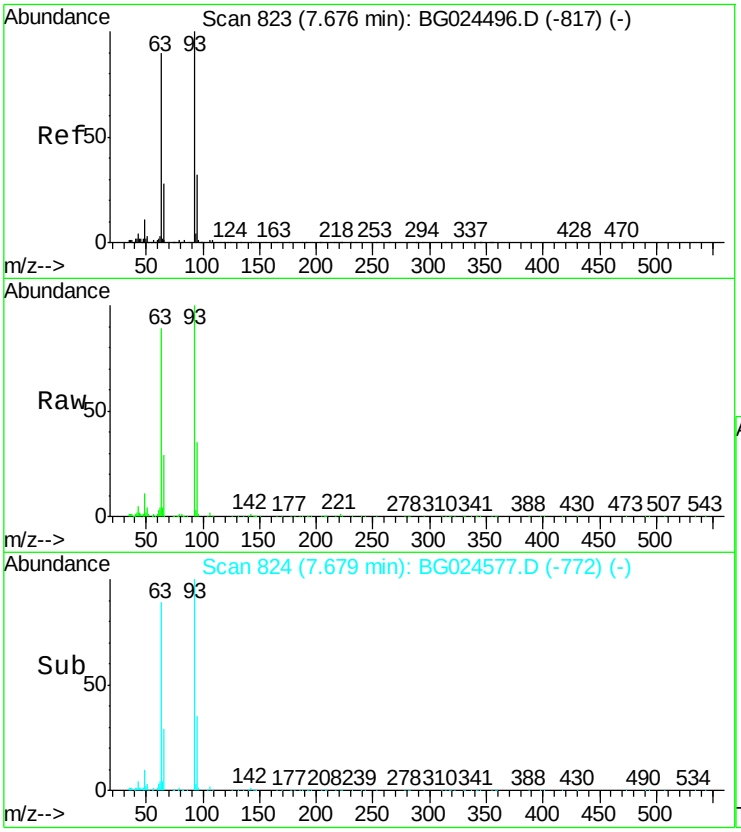




#10
Phenol
Concen: 38.95 ng
RT: 7.43 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion: 94 Resp: 435265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 38.7 | 20.6 | 60.6 |
| 66 | 53.7 | 35.5 | 75.5 |



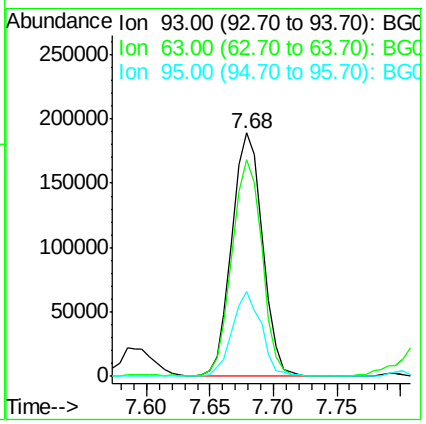


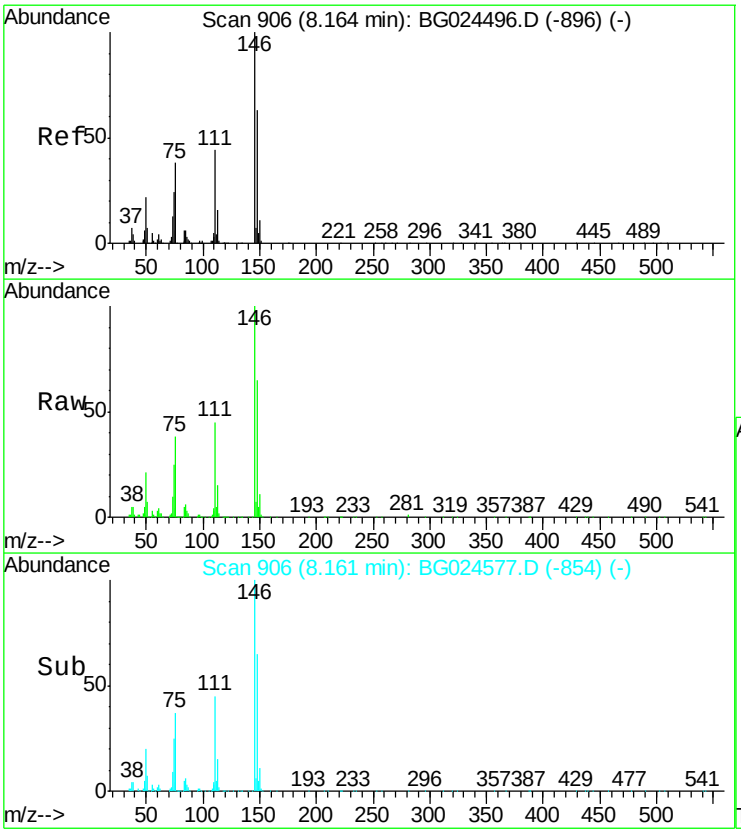

#11
bis(2-Chloroethyl)ether
Concen: 37.82 ng
RT: 7.68 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion: 93 Resp: 317504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 89.0 | 78.5 | 118.5 |
| 95 | 34.9 | 9.8 | 49.8 |

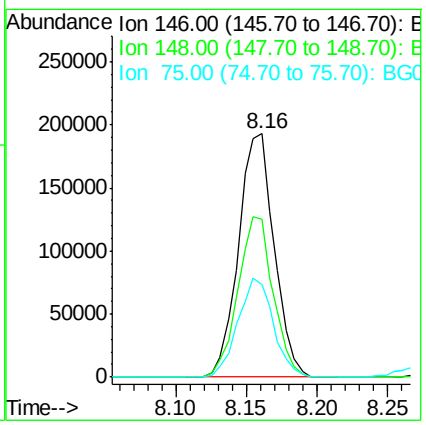


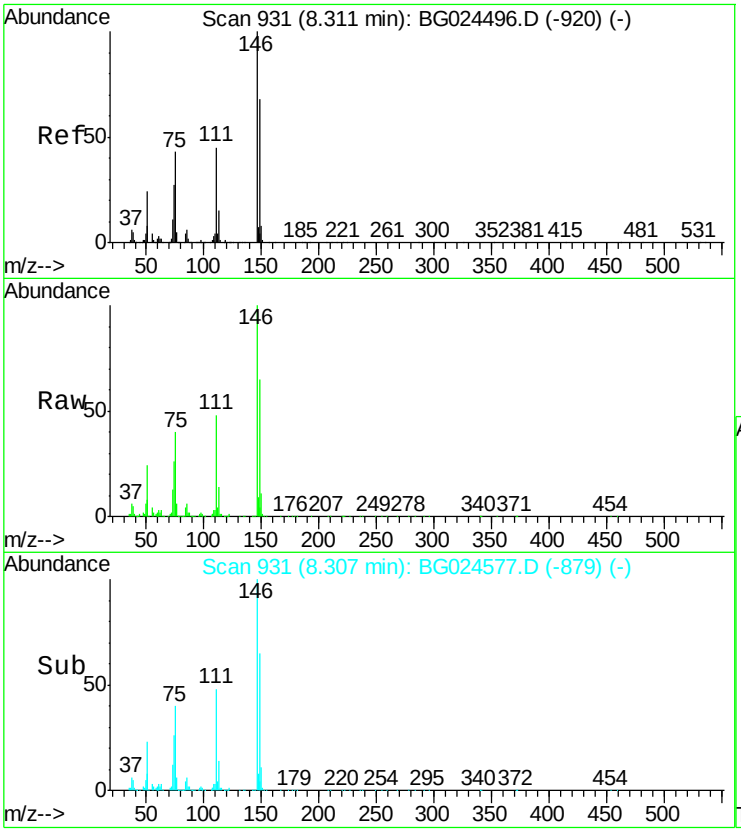




#12
1,3-Dichlorobenzene
Concen: 34.22 ng
RT: 8.16 min Scan# 906
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:146 Resp: 340443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 49.2 | 73.8 |
| 75 | 38.2 | 33.4 | 50.2 |



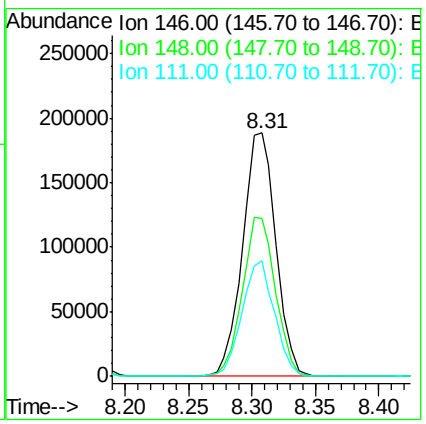


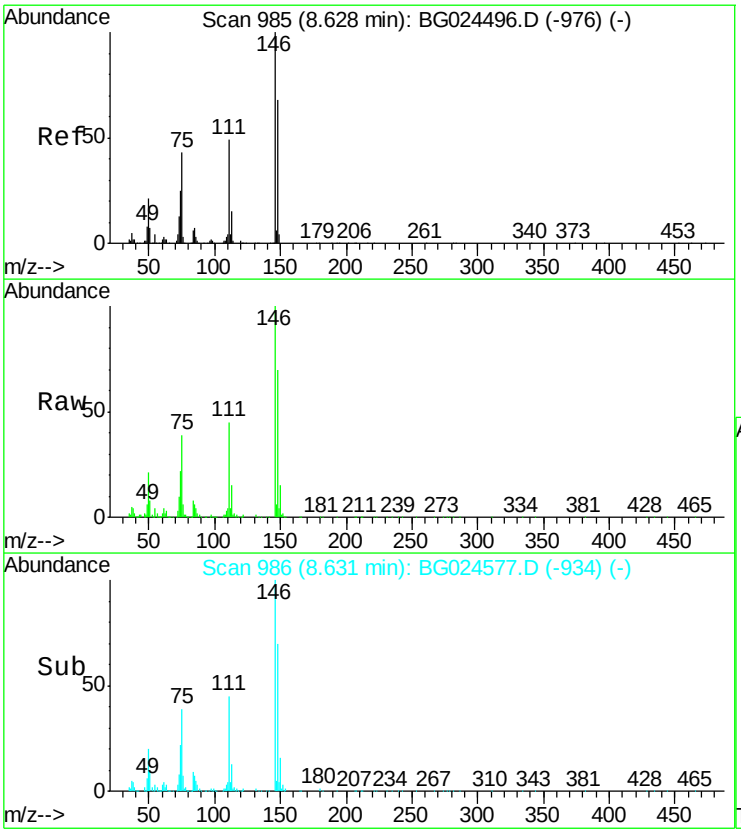

#13
1,4-Dichlorobenzene
Concen: 34.99 ng
RT: 8.31 min Scan# 931
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:146 Resp: 343806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 52.2 | 78.2 |
| 111 | 47.7 | 37.0 | 55.6 |

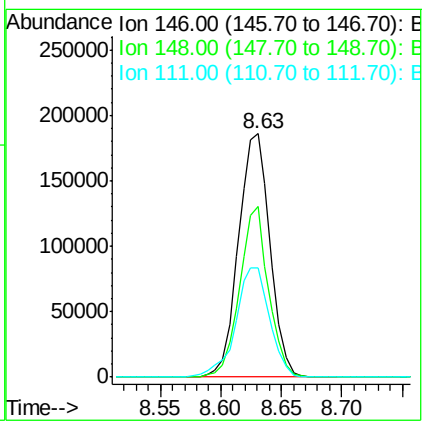


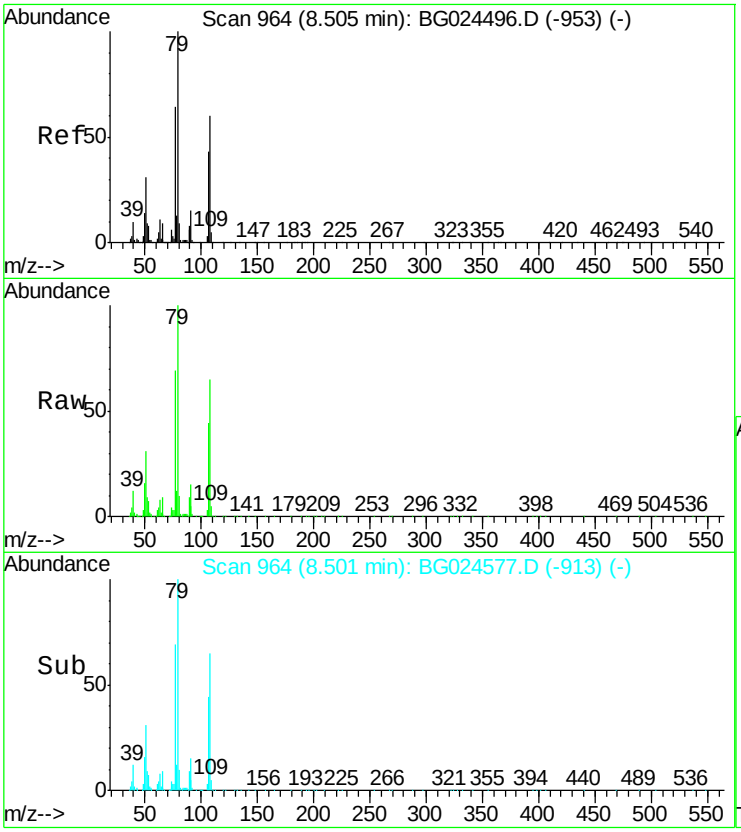




#14
1,2-Dichlorobenzene
Concen: 35.69 ng
RT: 8.63 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:146 Resp: 337197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 70.2 | 54.6 | 81.8 |
| 111 | 44.6 | 39.7 | 59.5 |



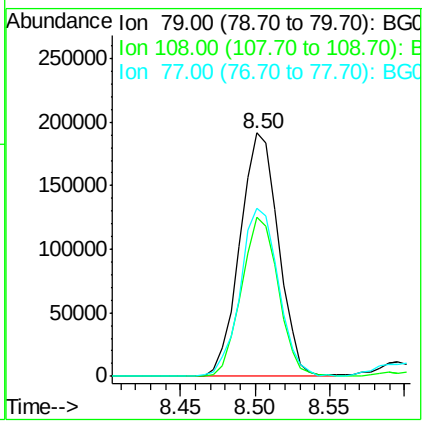


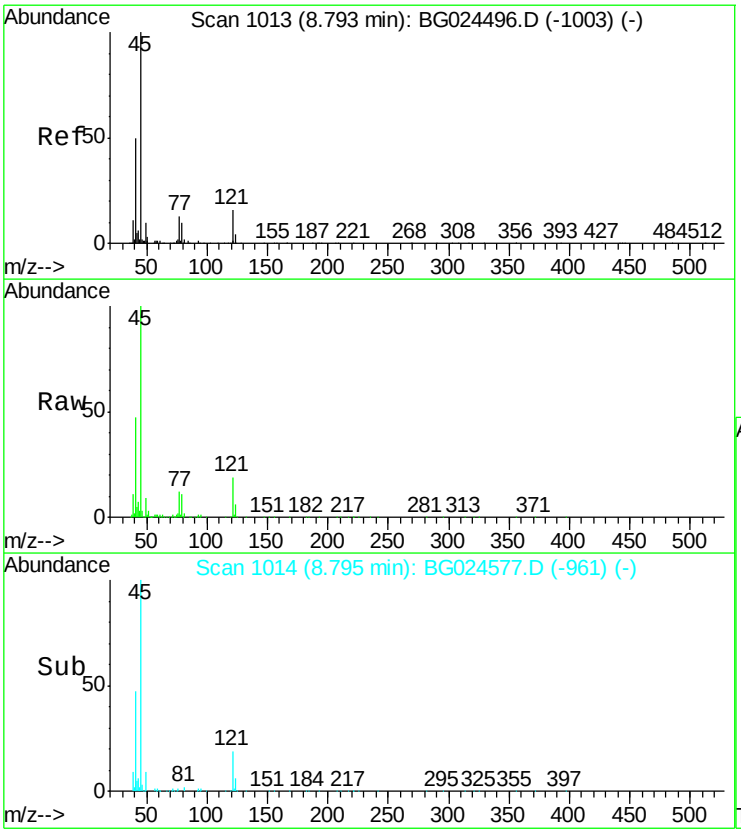

#15
Benzyl Alcohol
Concen: 33.86 ng
RT: 8.50 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion: 79 Resp: 341532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 65.4 | 45.5 | 68.3 |
| 77 | 69.1 | 54.3 | 81.5 |

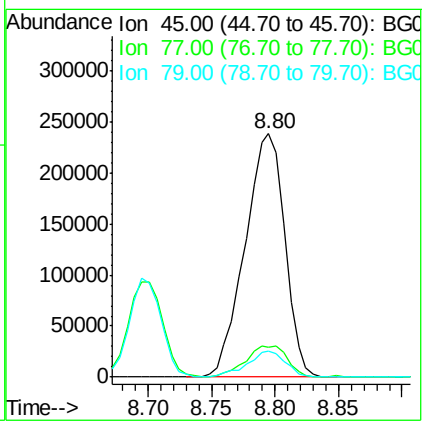


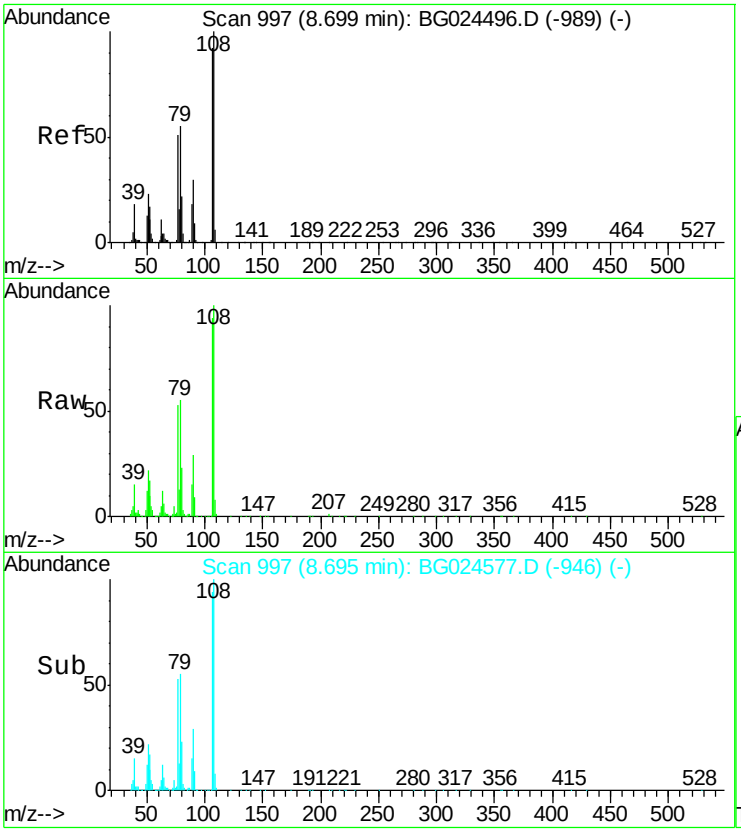




#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.44 ng
RT: 8.80 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion: 45 Resp: 520937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.5 | 0.0 | 30.6 |
| 79 | 10.9 | 0.0 | 28.5 |



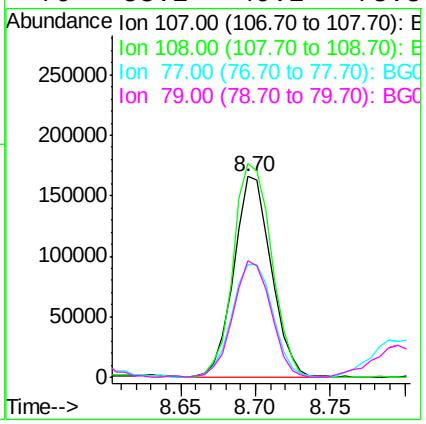


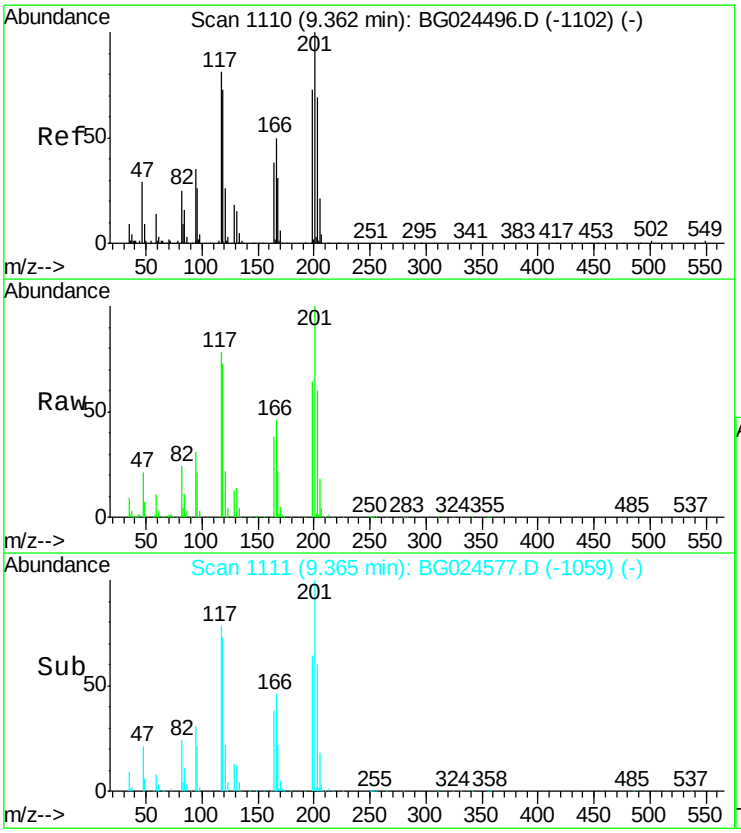

#17
2-Methylphenol
Concen: 39.14 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:107 Resp: 289825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 106.4 | 85.6 | 128.4 |
| 77 | 56.0 | 51.4 | 77.2 |
| 79 | 58.2 | 49.2 | 73.8 |

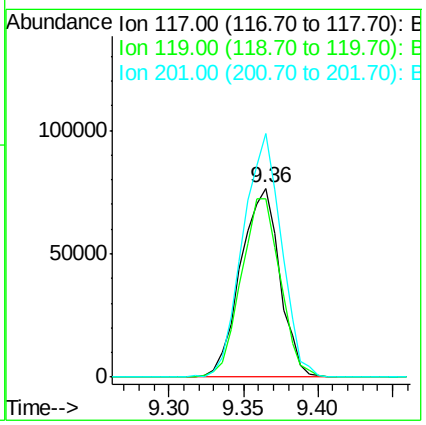


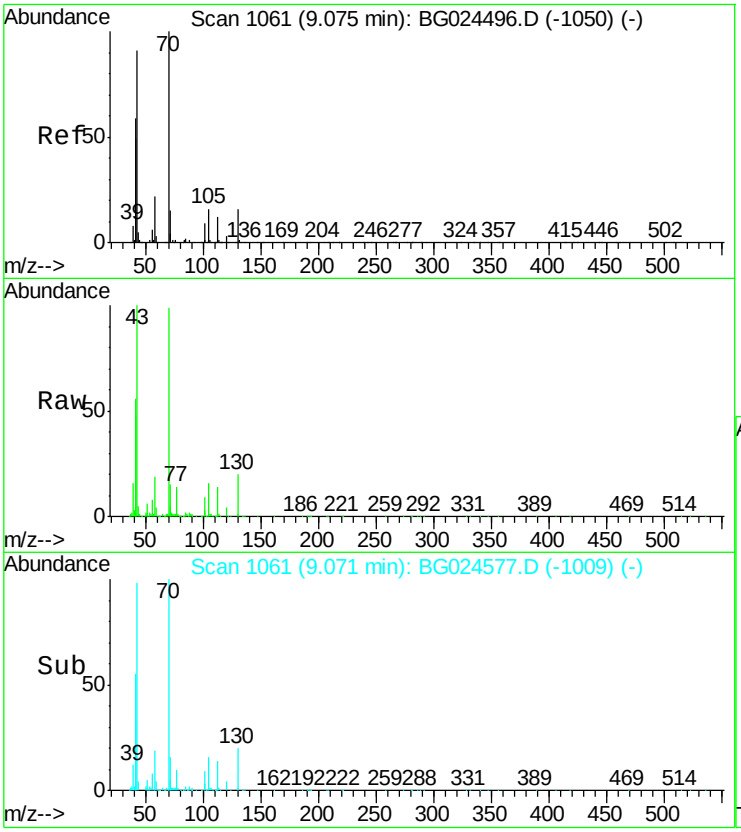




#18
Hexachloroethane
Concen: 36.74 ng
RT: 9.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:117 Resp: 138762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.5 | 69.8 | 104.6 |
| 201 | 128.7 | 95.4 | 143.0 |



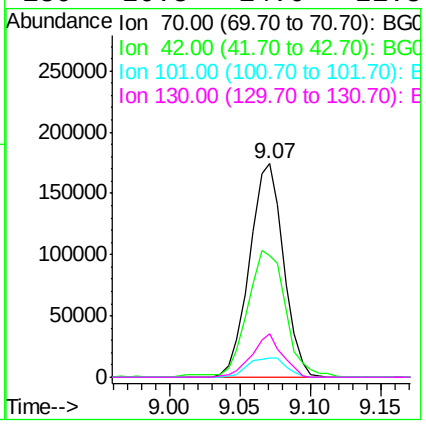


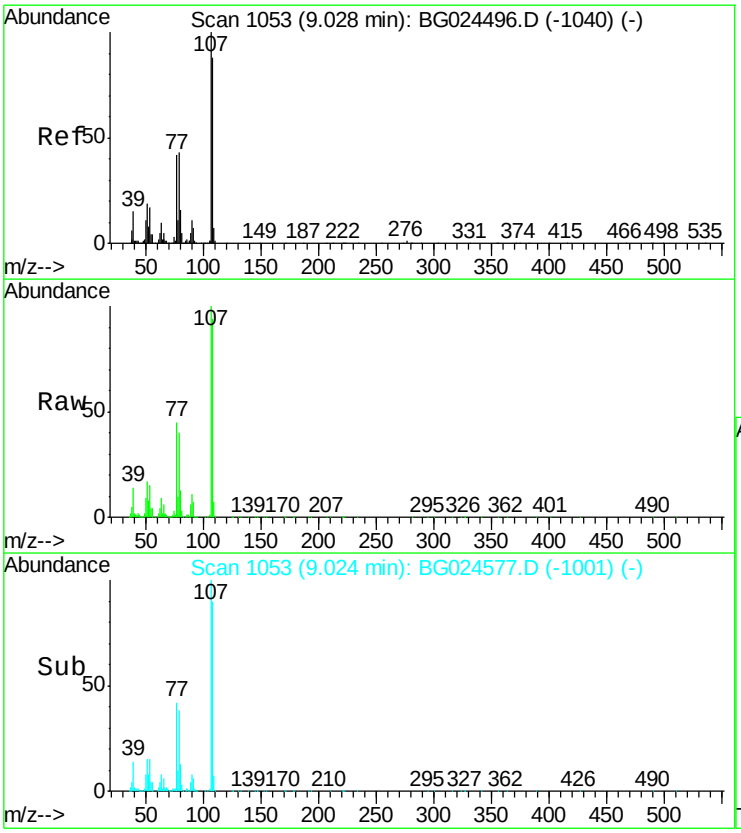

#19
n-Nitroso-di-n-propylamine
Concen: 36.88 ng
RT: 9.07 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion: 70 Resp: 294681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.7 | 56.1 | 84.1 |
| 101 | 9.1 | 7.5 | 11.3 |
| 130 | 20.3 | 14.6 | 21.8 |

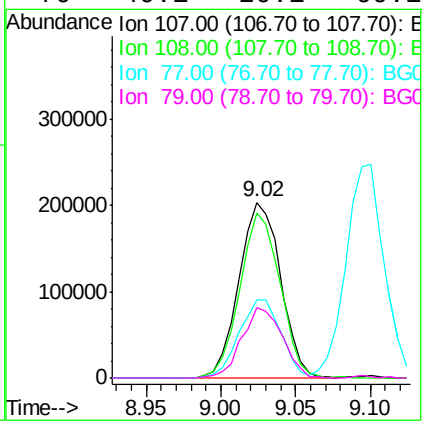


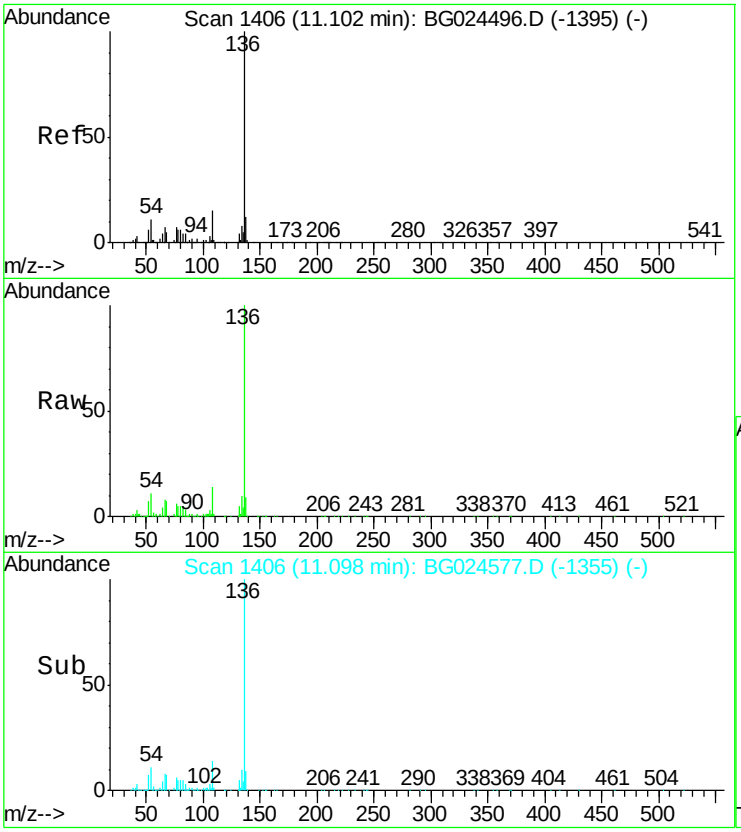




#20
3+4-Methylphenols
Concen: 39.50 ng
RT: 9.02 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:107 Resp: 392723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 93.7 | 70.8 | 110.8 |
| 77 | 44.7 | 25.8 | 65.8 |
| 79 | 40.1 | 20.1 | 60.1 |



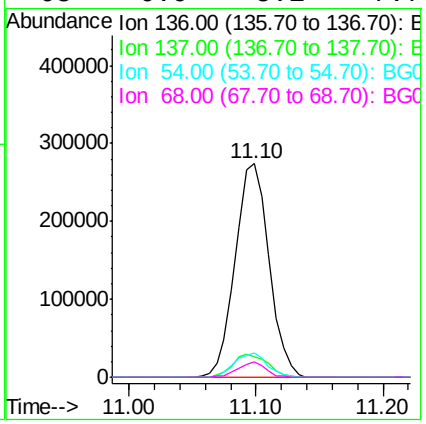


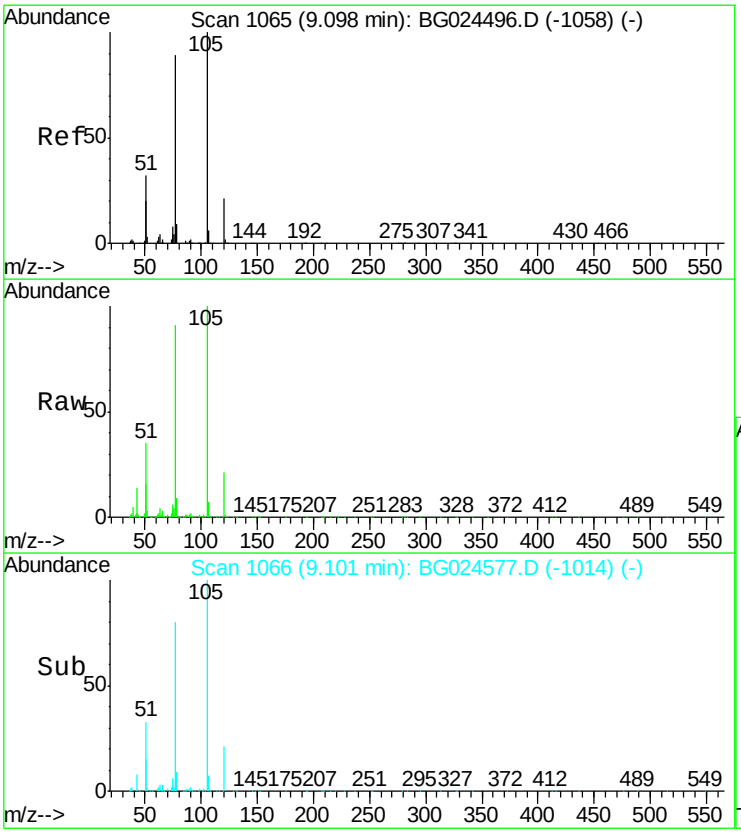

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:136 Resp: 507893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.5 | 8.9 | 13.3 |
| 54 | 11.3 | 9.3 | 13.9 |
| 68 | 6.9 | 5.1 | 7.7 |

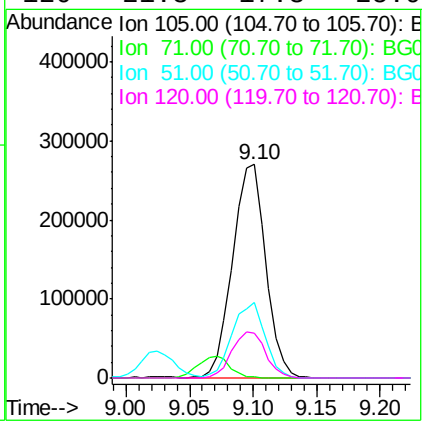


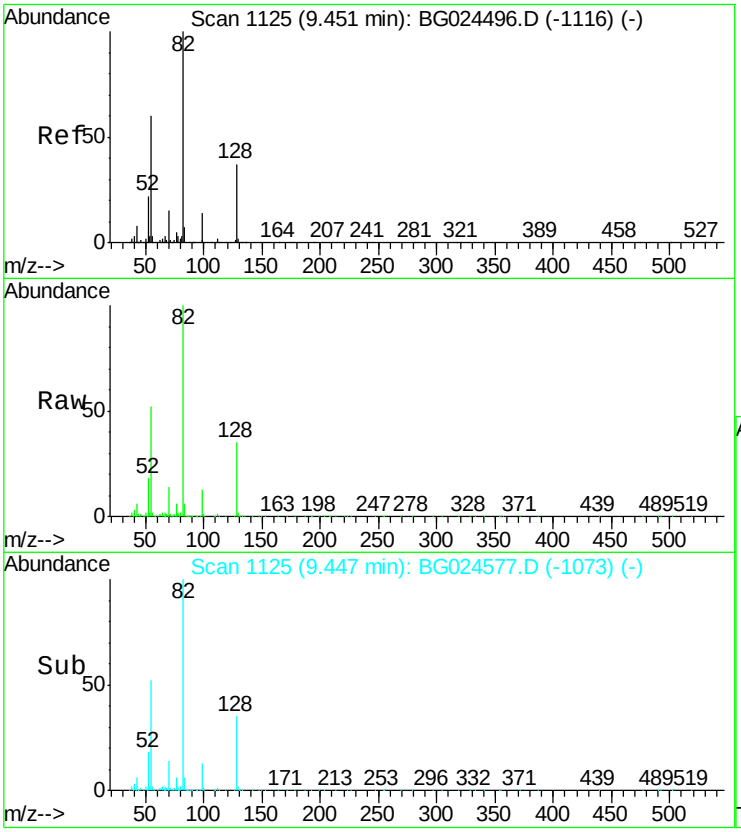




#22
Acetophenone
Concen: 37.52 ng
RT: 9.10 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:105 Resp: 489546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.3 | 0.9 | 1.3# |
| 51 | 35.1 | 34.0 | 51.0 |
| 120 | 21.3 | 17.3 | 25.9 |



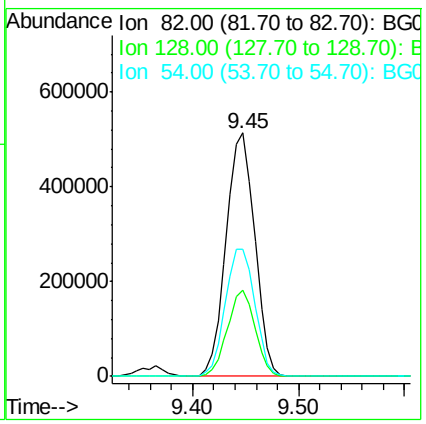


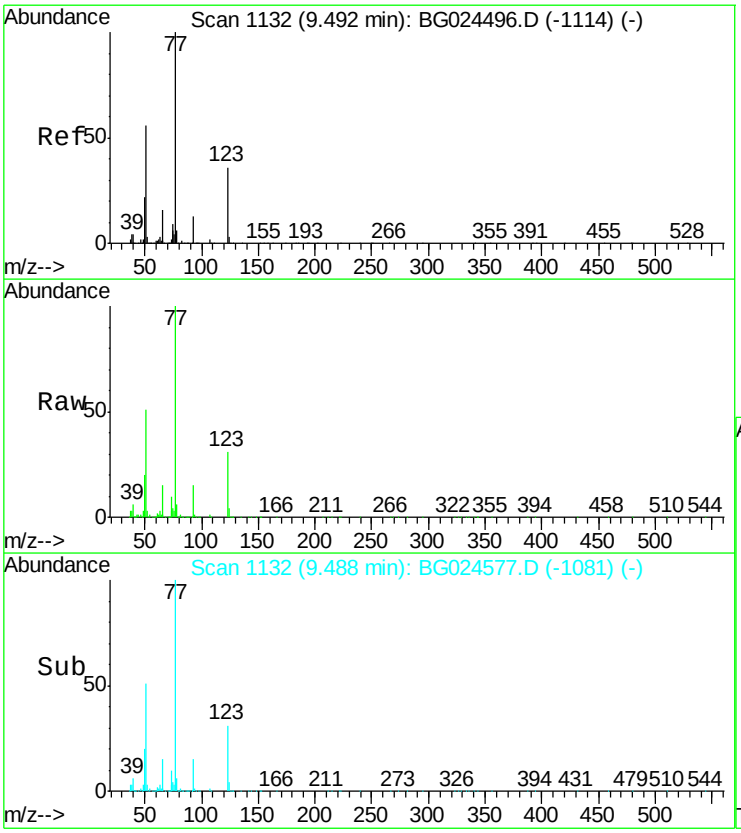

#23
Nitrobenzene-d5
Concen: 86.26 ng
RT: 9.45 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion: 82 Resp: 962234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 35.2 | 26.4 | 39.6 |
| 54 | 52.0 | 49.4 | 74.2 |

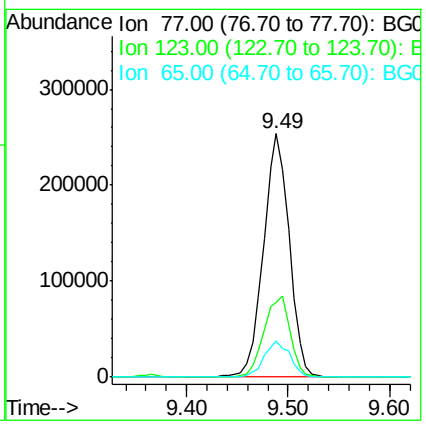


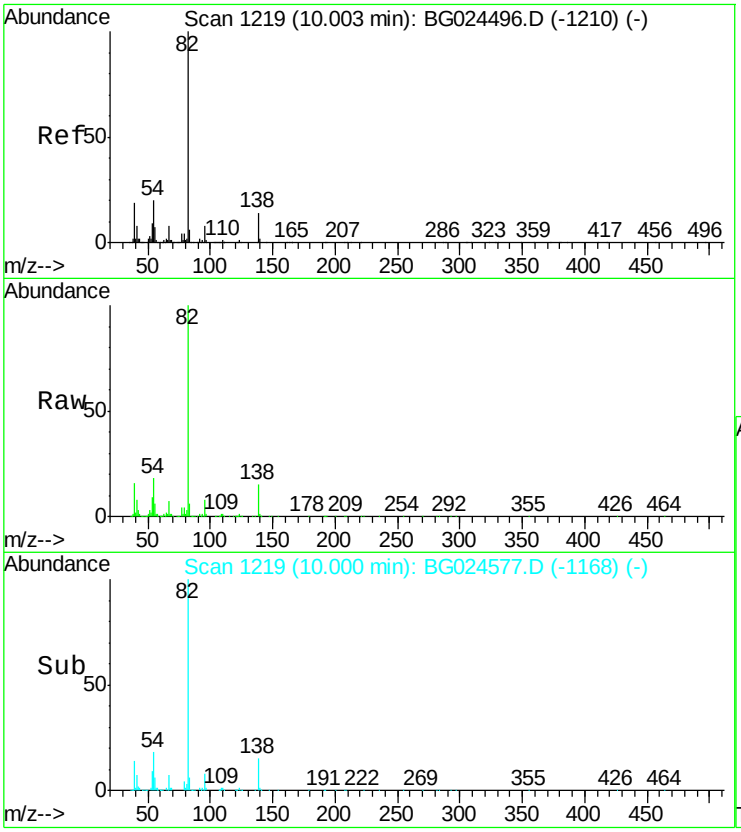




#24
Nitrobenzene
Concen: 36.04 ng
RT: 9.49 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion: 77 Resp: 447281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 30.5 | 26.1 | 39.1 |
| 65 | 15.2 | 12.4 | 18.6 |



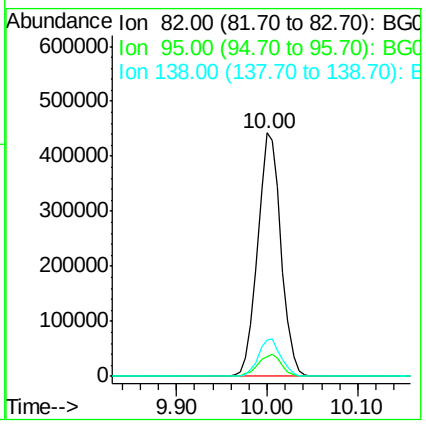


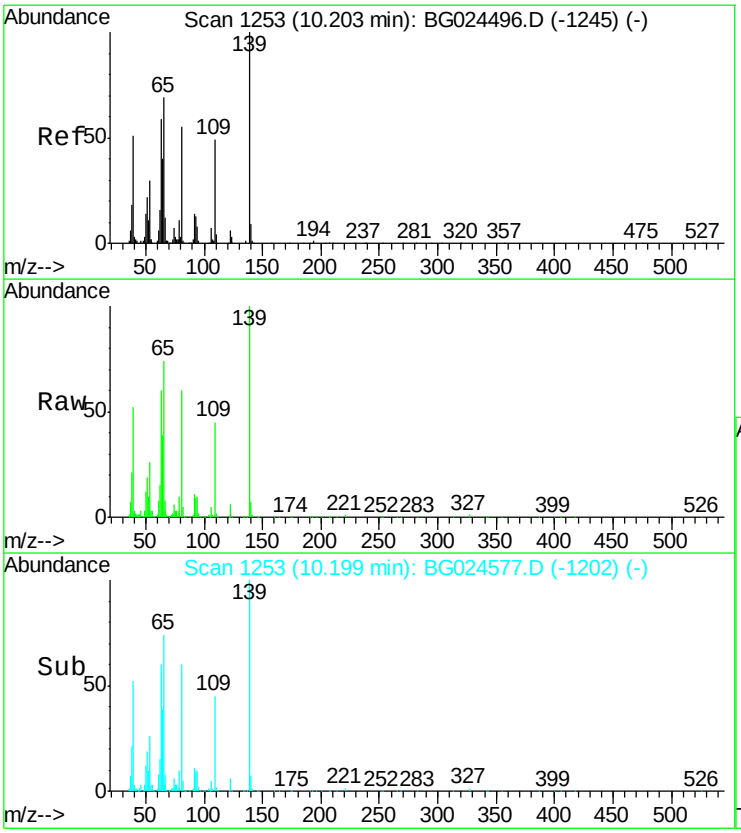

#25
Isophorone
Concen: 37.86 ng
RT: 10.00 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion: 82 Resp: 785653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.1 | 7.5 | 11.3 |
| 138 | 14.7 | 12.3 | 18.5 |

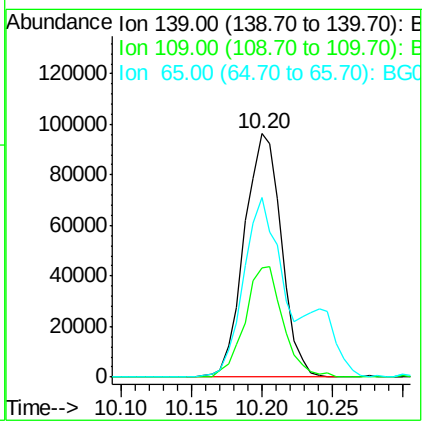


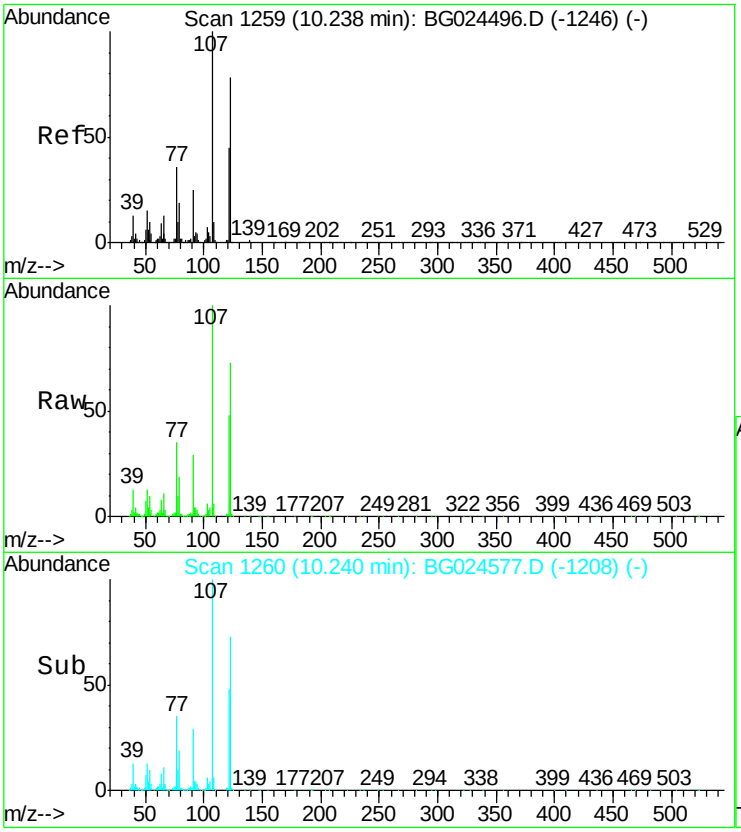




#26
2-Nitrophenol
Concen: 38.54 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:139 Resp: 177546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 44.7 | 38.6 | 58.0 |
| 65 | 73.5 | 57.1 | 85.7 |



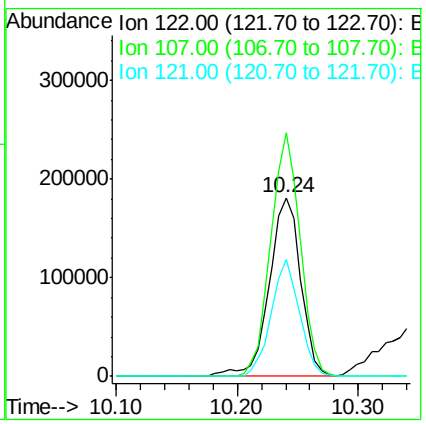


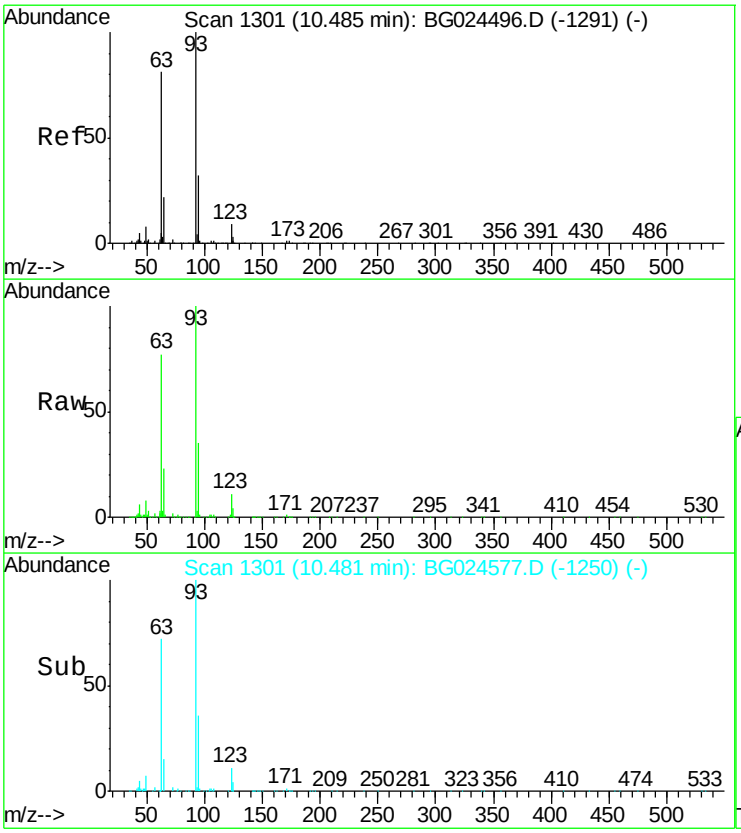

#27
2,4-Dimethylphenol
Concen: 40.29 ng
RT: 10.24 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:122 Resp: 324900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 136.1 | 104.2 | 156.4 |
| 121 | 65.7 | 46.0 | 69.0 |

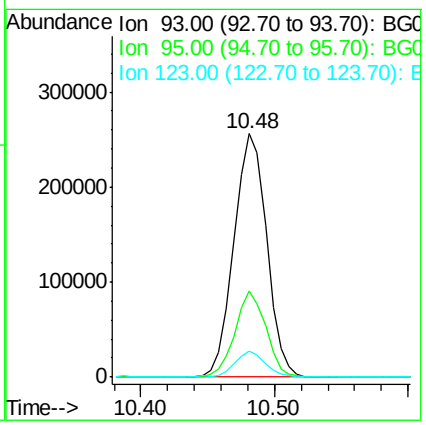


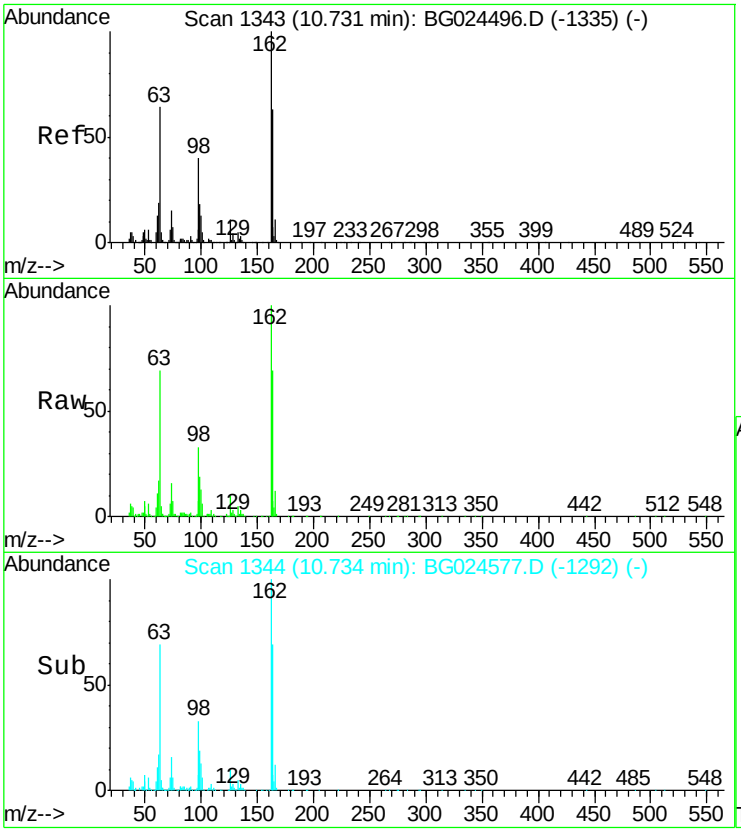




#28
bis(2-Chloroethoxy)methane
Concen: 40.51 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion: 93 Resp: 434896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 35.4 | 25.7 | 38.5 |
| 123 | 10.5 | 8.3 | 12.5 |



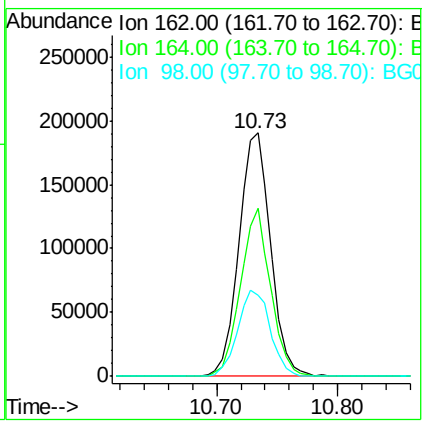


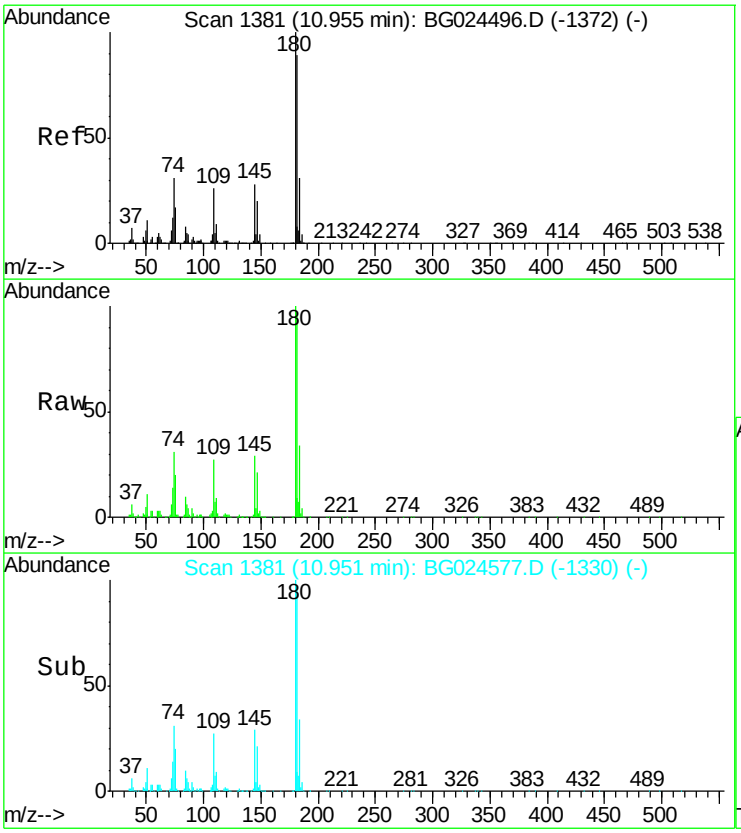

#29
2,4-Dichlorophenol
Concen: 41.07 ng
RT: 10.73 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:162 Resp: 347635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 69.3 | 42.4 | 82.4 |
| 98 | 33.4 | 20.3 | 60.3 |

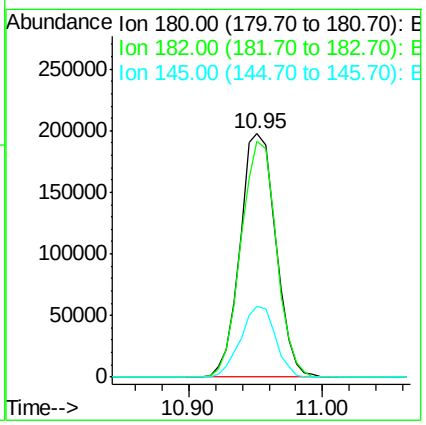


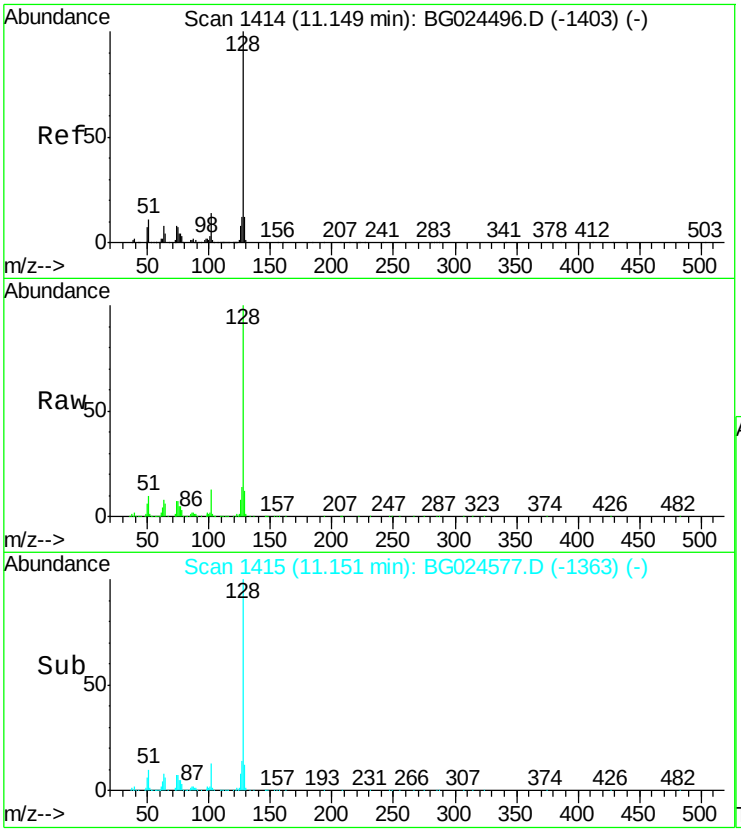




#30
1,2,4-Trichlorobenzene
Concen: 36.23 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:180 Resp: 363729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.9 | 77.0 | 115.4 |
| 145 | 29.3 | 23.4 | 35.0 |



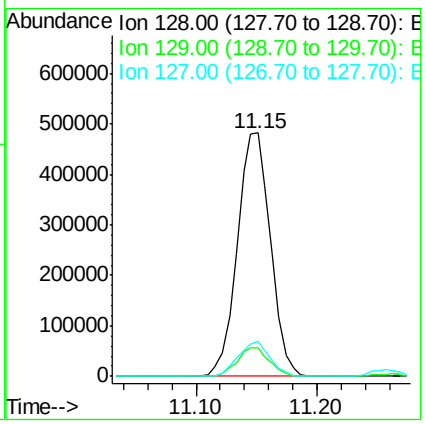


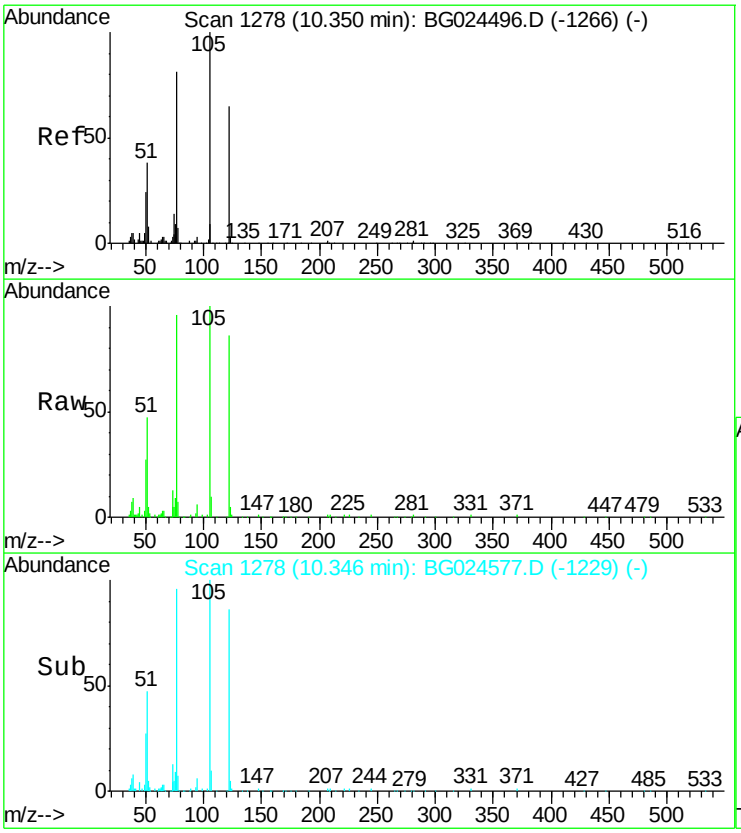

#31
Naphthalene
Concen: 36.15 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:128 Resp: 915933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.9 | 9.3 | 13.9 |
| 127 | 14.2 | 11.4 | 17.0 |

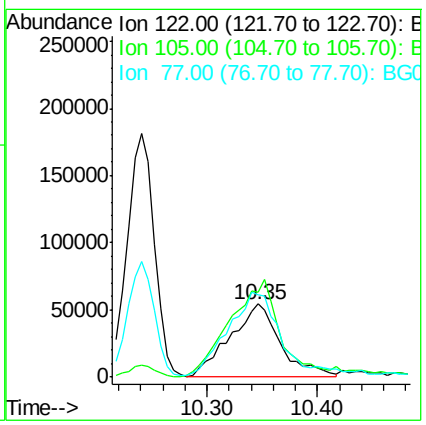


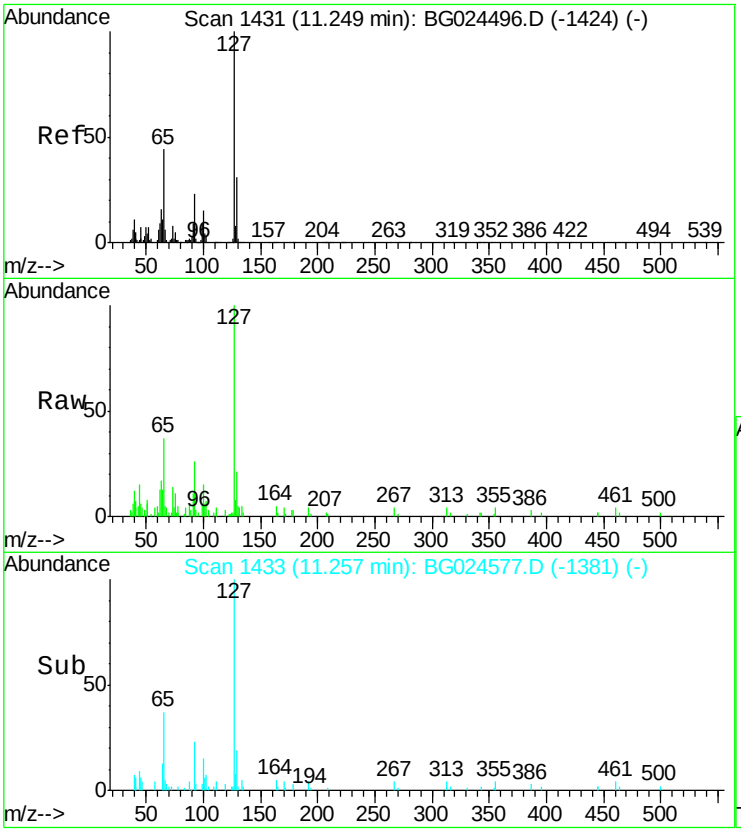




#32
Benzoic acid
Concen: 25.12 ng
RT: 10.35 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:122 Resp: 168708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 116.9 | 120.1 | 160.1# |
| 77 | 112.5 | 104.6 | 144.6 |



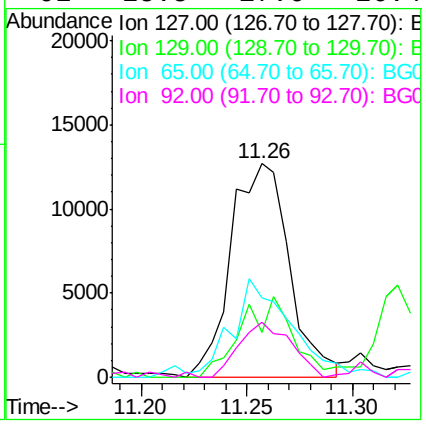


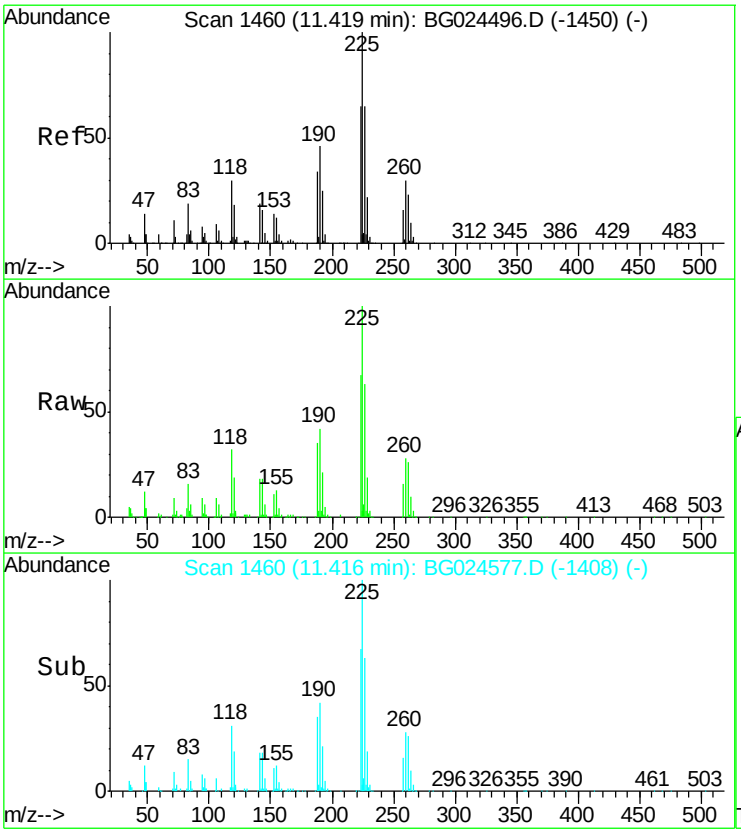

#33
4-Chloroaniline
Concen: 2.20 ng
RT: 11.26 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:127 Resp: 24251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 21.1 | 23.6 | 35.4# |
| 65 | 37.2 | 37.7 | 56.5# |
| 92 | 25.5 | 17.6 | 26.4 |

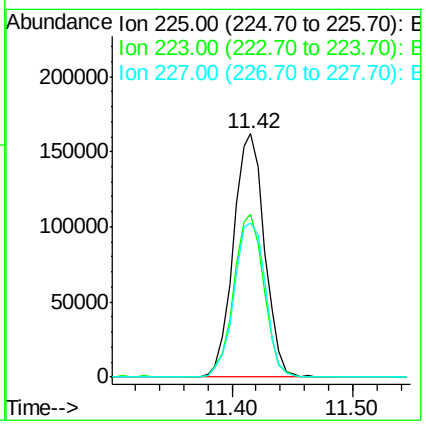


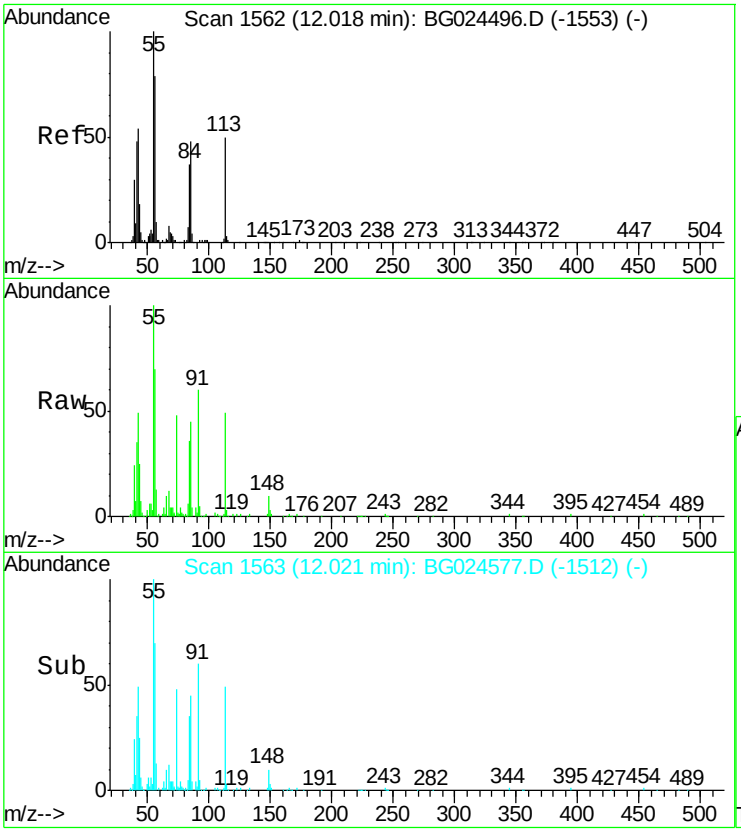




#34
Hexachlorobutadiene
Concen: 36.92 ng
RT: 11.42 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:225 Resp: 290119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 66.8 | 50.7 | 76.1 |
| 227 | 63.4 | 49.0 | 73.6 |



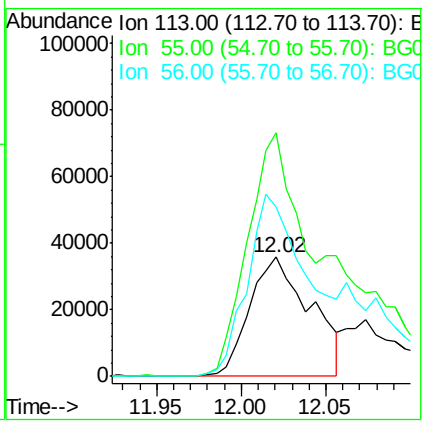


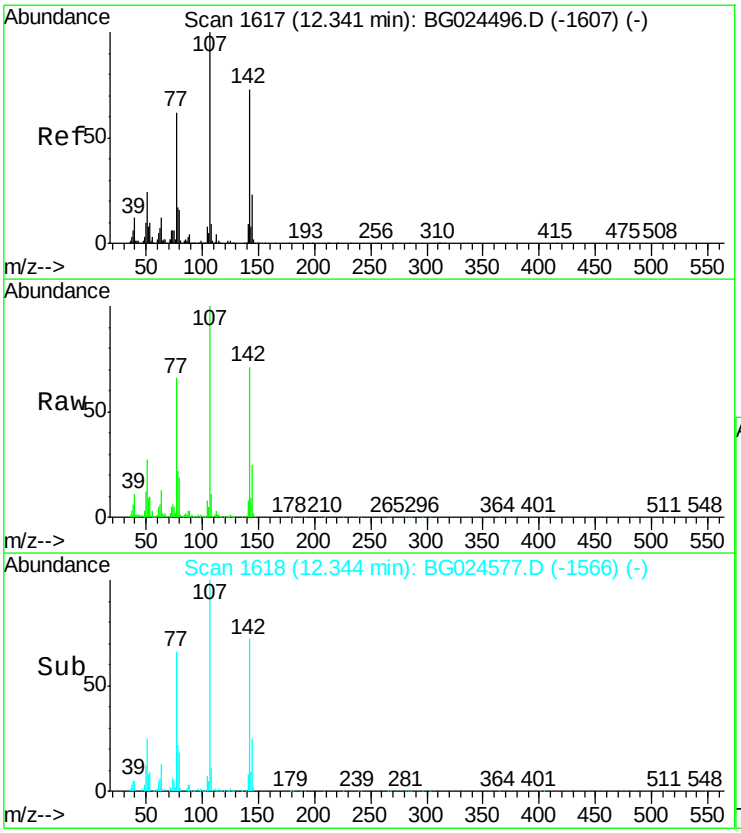

#35
Caprolactam
Concen: 28.88 ng
RT: 12.02 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:113 Resp: 89485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 204.4 | 198.6 | 238.6 |
| 56 | 142.5 | 140.4 | 180.4 |

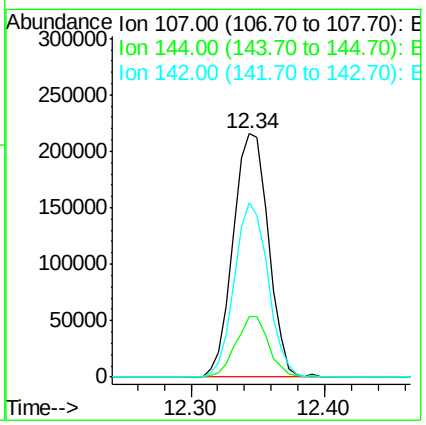


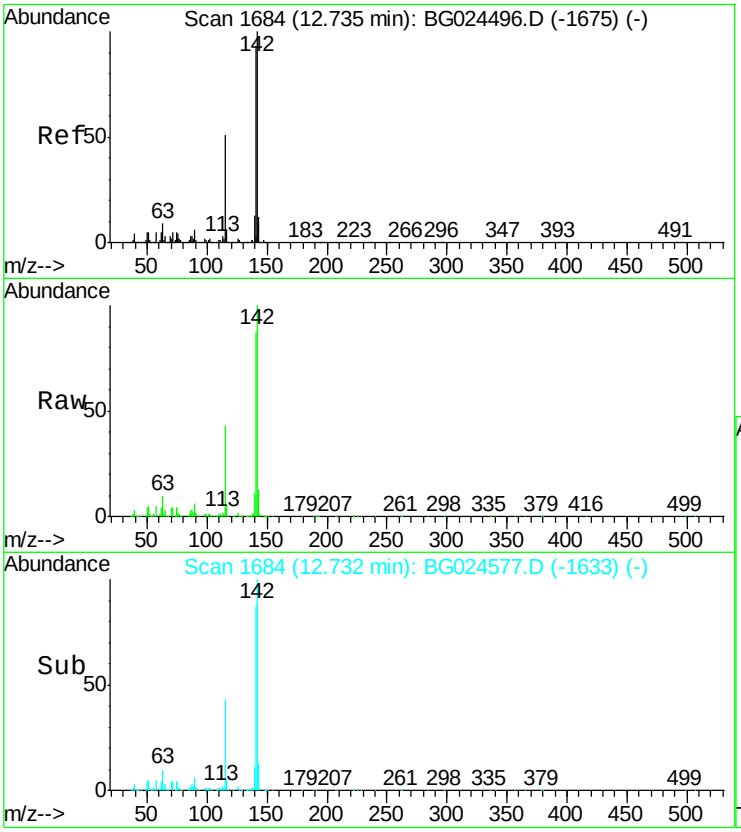




#36
4-Chloro-3-methylphenol
Concen: 38.60 ng
RT: 12.34 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:107 Resp: 394404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.0 | 17.4 | 26.0 |
| 142 | 71.5 | 54.1 | 81.1 |



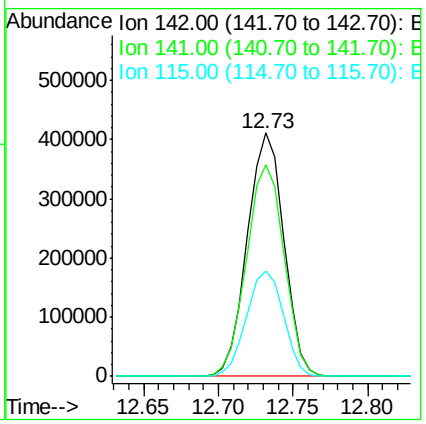


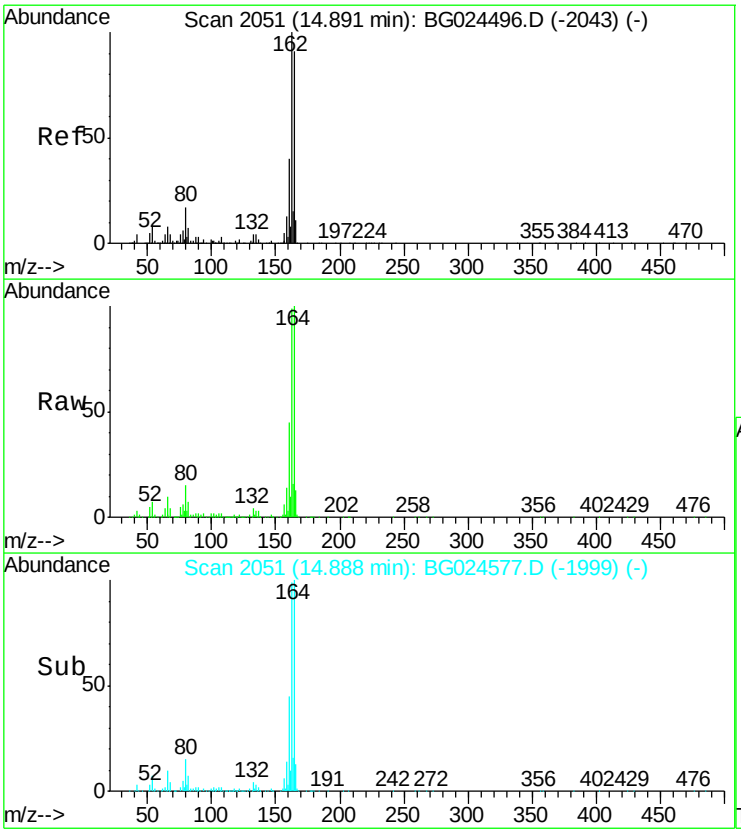

#37
2-Methylnaphthalene
Concen: 37.54 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:142 Resp: 694044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.8 | 70.4 | 105.6 |
| 115 | 43.2 | 35.5 | 53.3 |

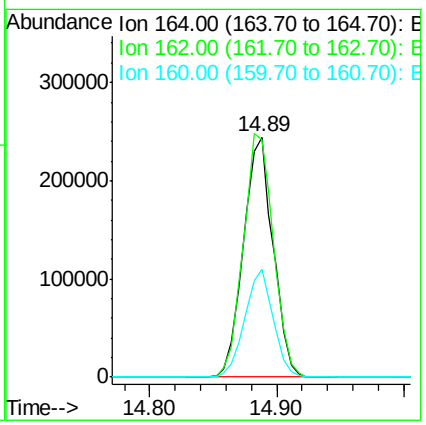


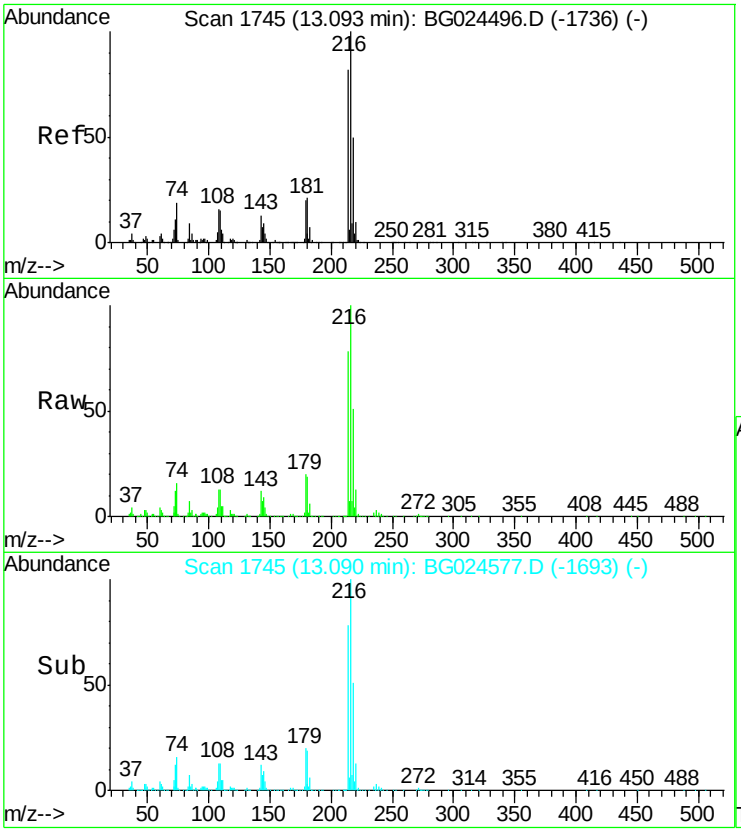




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:164 Resp: 395832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.7 | 85.1 | 127.7 |
| 160 | 44.8 | 34.7 | 52.1 |



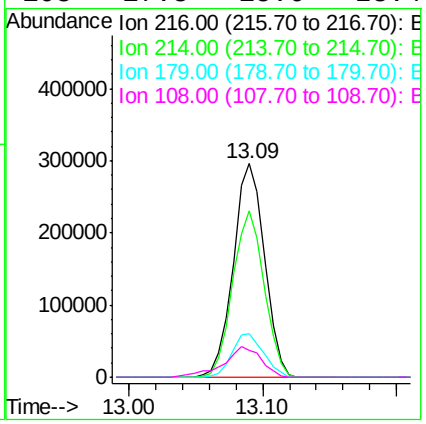


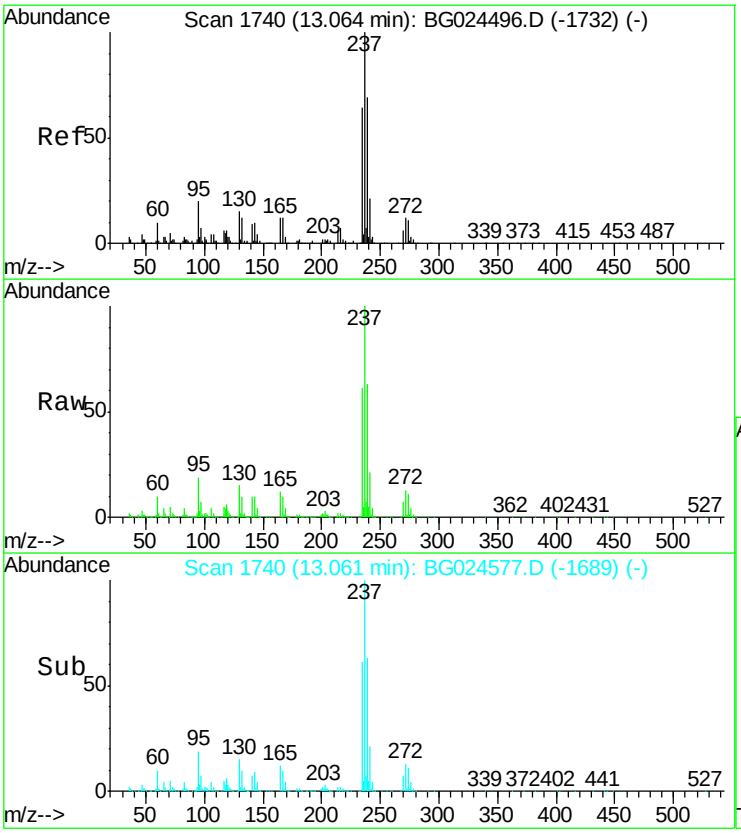

#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.79 ng
RT: 13.09 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:216 Resp: 477879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 64.4 | 96.6 |
| 179 | 20.8 | 17.4 | 26.0 |
| 108 | 17.3 | 15.6 | 23.4 |

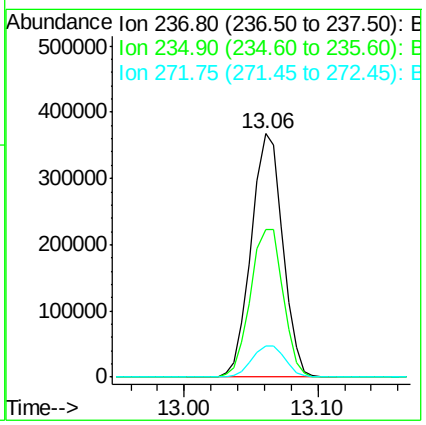


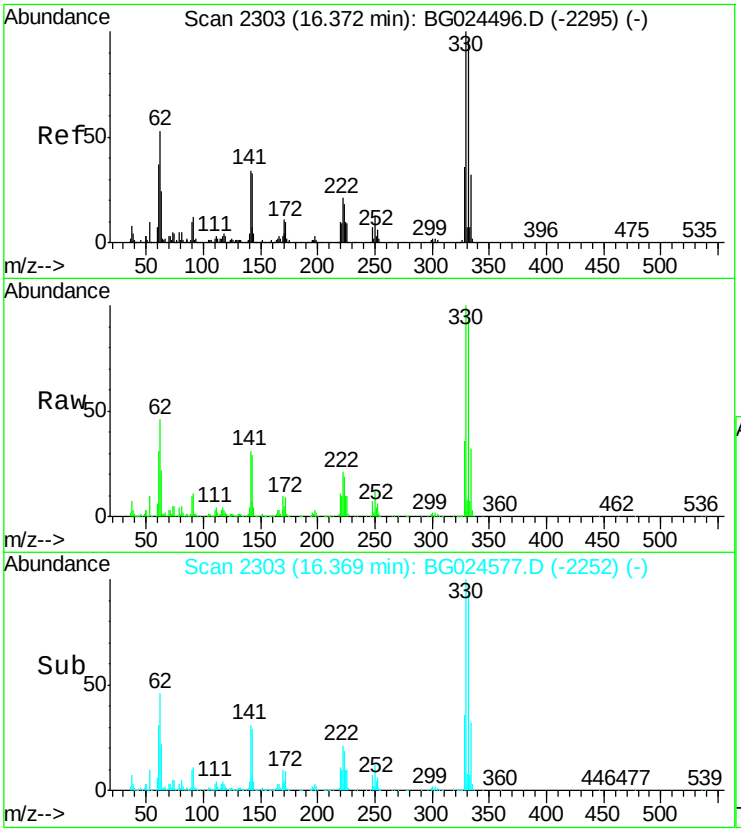




#40
Hexachlorocyclopentadiene
Concen: 79.41 ng
RT: 13.06 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:237 Resp: 597038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.5 | 39.4 | 79.4 |
| 272 | 12.8 | 0.0 | 32.0 |



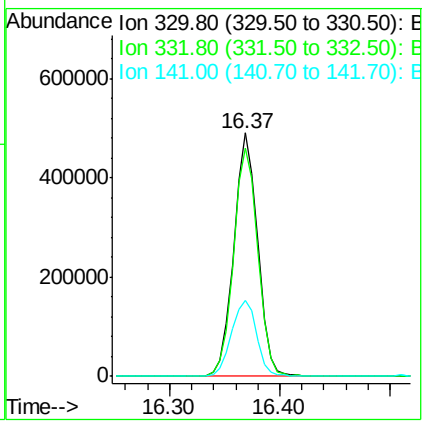


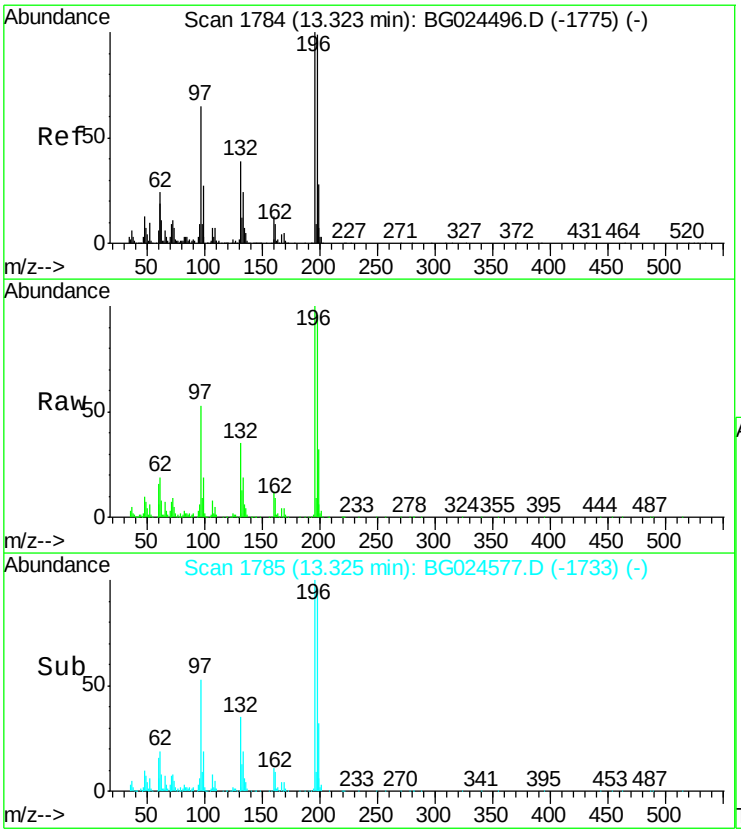

#41
2,4,6-Tribromophenol
Concen: 126.00 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:330 Resp: 745077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 77.3 | 115.9 |
| 141 | 33.0 | 32.1 | 48.1 |

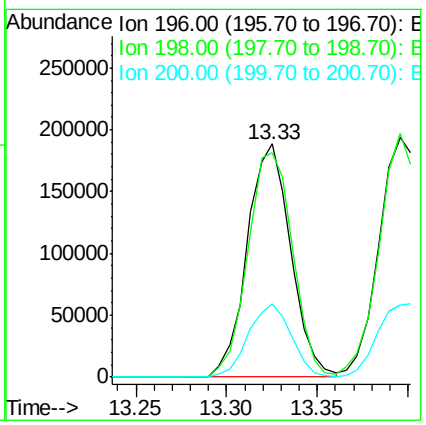


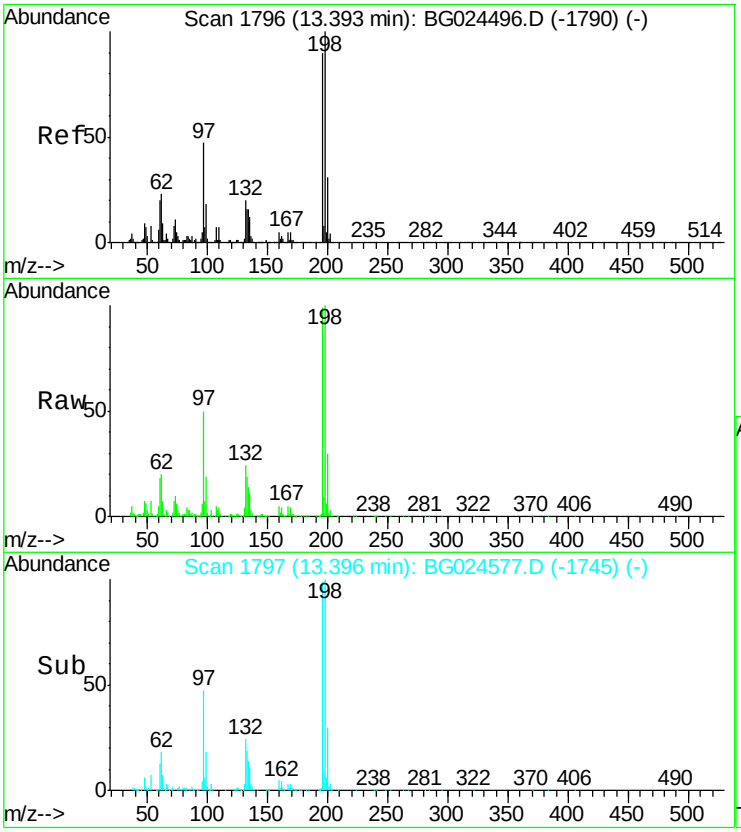




#42
2,4,6-Trichlorophenol
Concen: 39.20 ng
RT: 13.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:196 Resp: 314586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 81.4 | 122.2 |
| 200 | 31.7 | 27.0 | 40.6 |



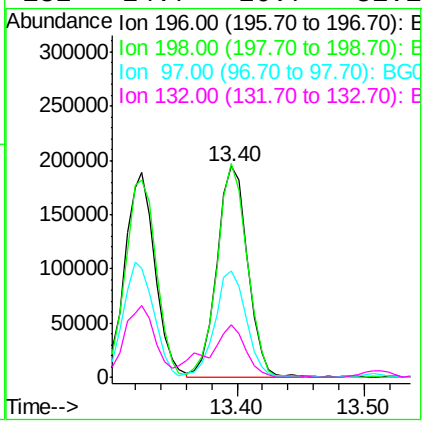


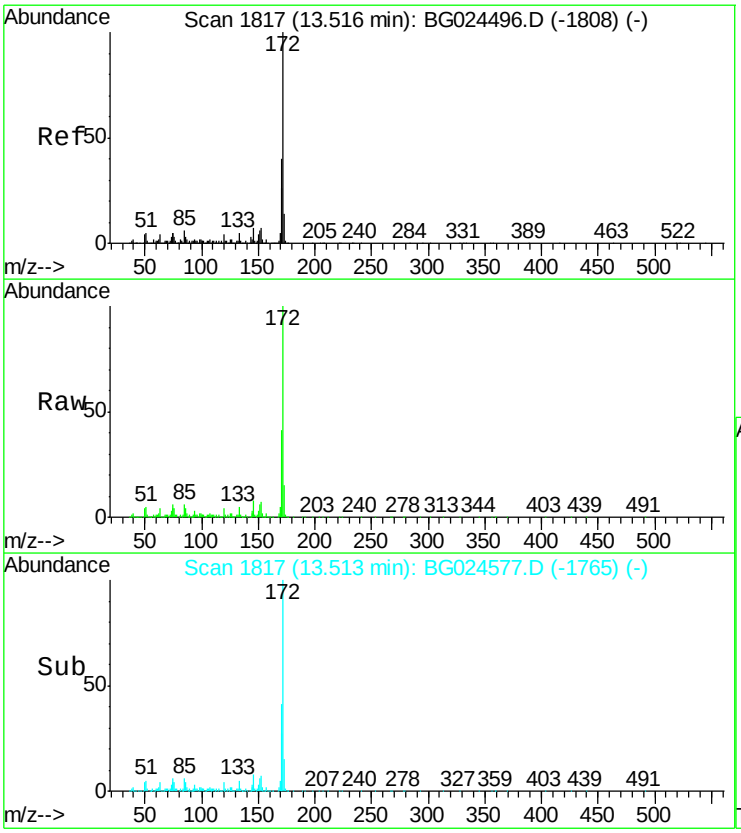

#43
2,4,5-Trichlorophenol
Concen: 37.85 ng
RT: 13.40 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:196 Resp: 328365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.4 | 79.9 | 119.9 |
| 97 | 50.6 | 45.4 | 68.0 |
| 132 | 24.7 | 20.7 | 31.1 |

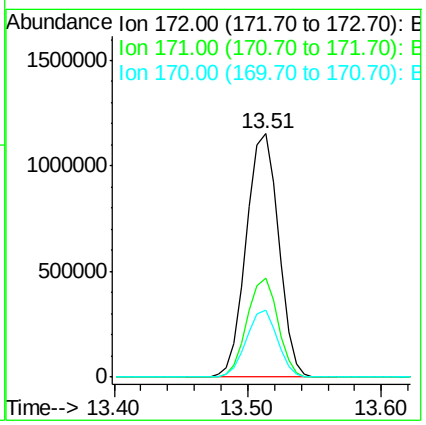


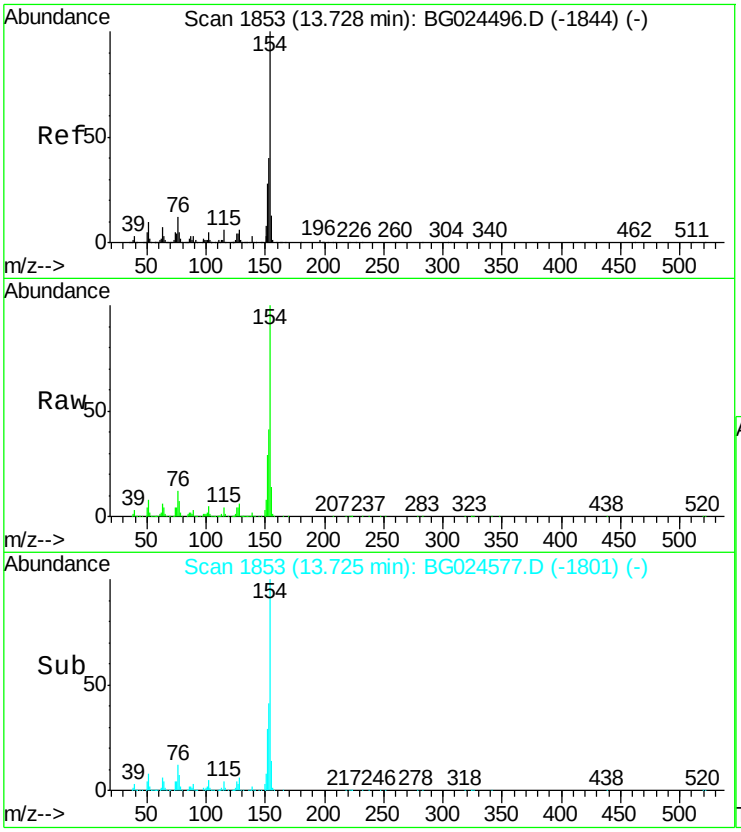




#44
2-Fluorobiphenyl
Concen: 80.73 ng
RT: 13.51 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:172 Resp: 1922597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 40.7 | 32.2 | 48.2 |
| 170 | 27.4 | 21.8 | 32.6 |



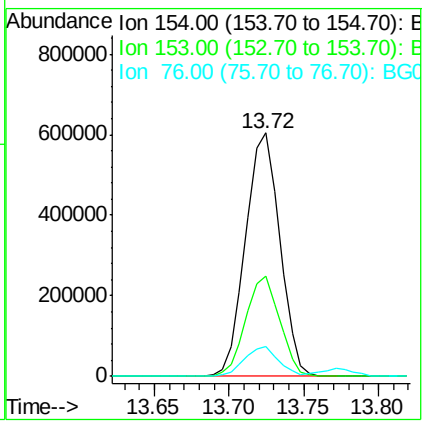


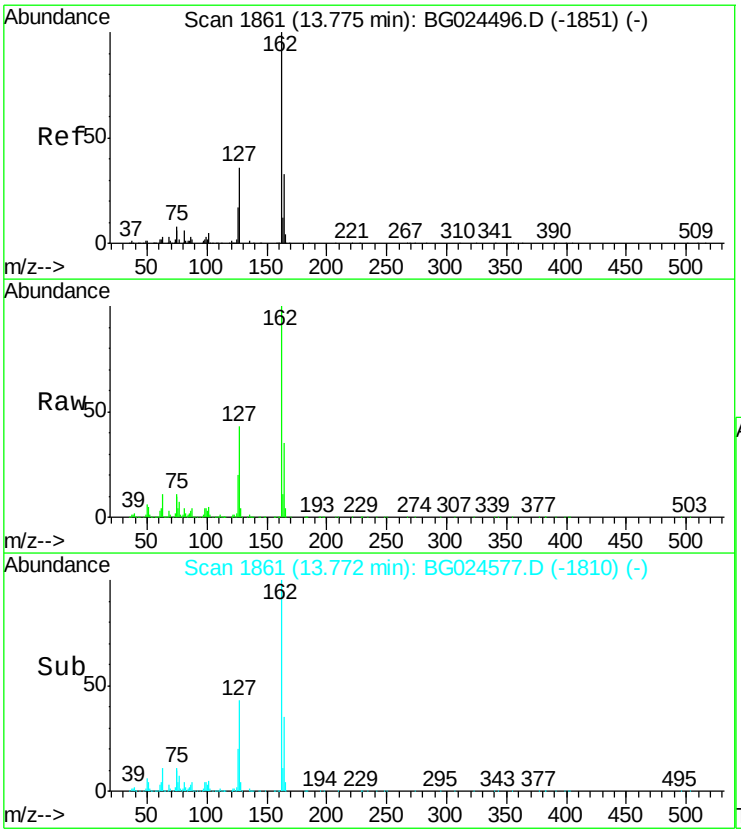

#45
1,1'-Biphenyl
Concen: 34.87 ng
RT: 13.72 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:154 Resp: 957816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.3 | 23.0 | 63.0 |
| 76 | 12.3 | 0.0 | 33.5 |

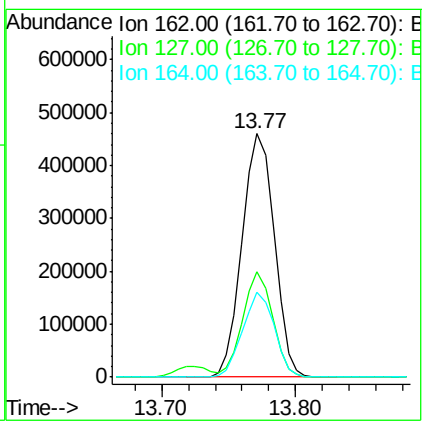


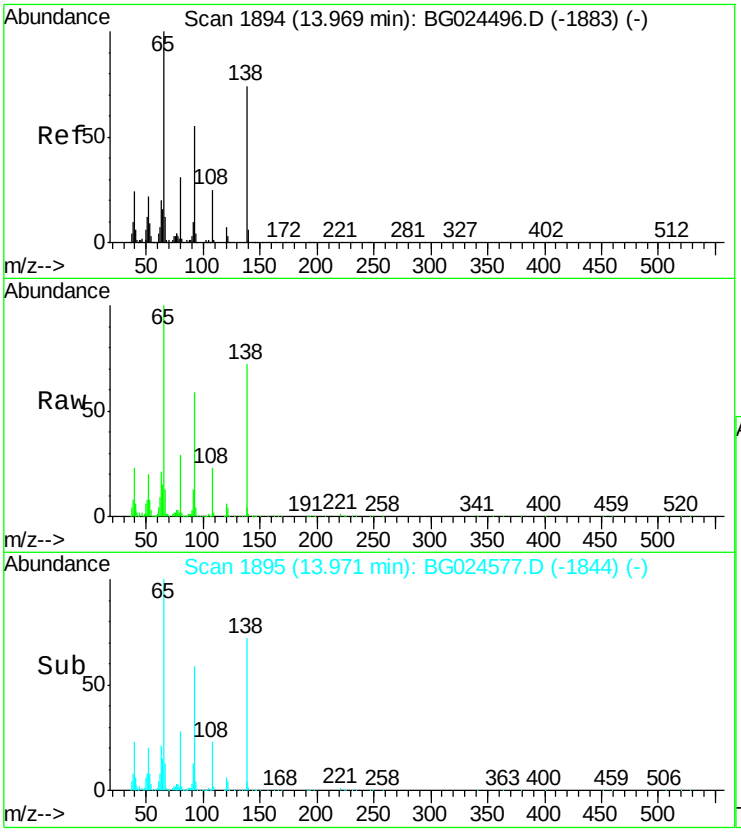




#46
2-Chloronaphthalene
Concen: 36.68 ng
RT: 13.77 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:162 Resp: 767266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 43.2 | 32.2 | 48.4 |
| 164 | 34.8 | 27.3 | 40.9 |



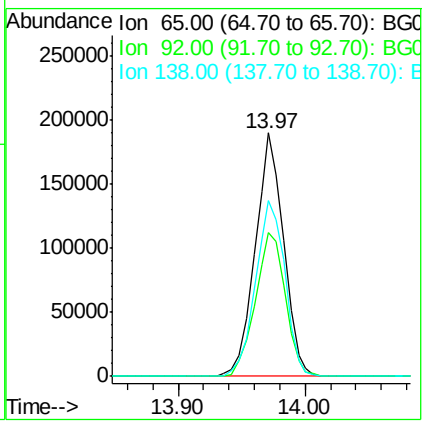


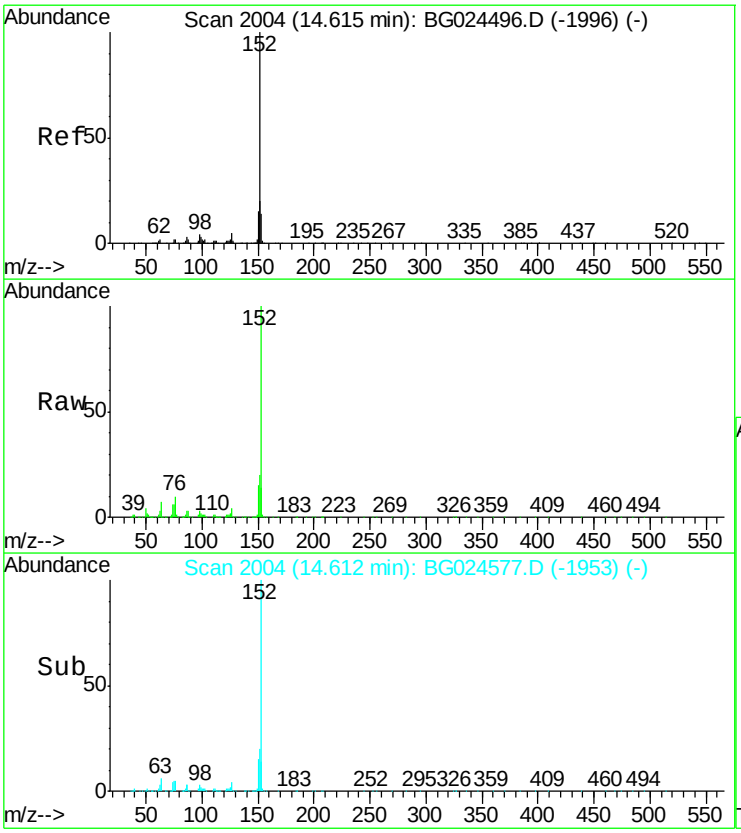

#47
2-Nitroaniline
Concen: 34.52 ng
RT: 13.97 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion: 65 Resp: 295646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 59.1 | 49.0 | 73.4 |
| 138 | 72.4 | 58.6 | 87.8 |

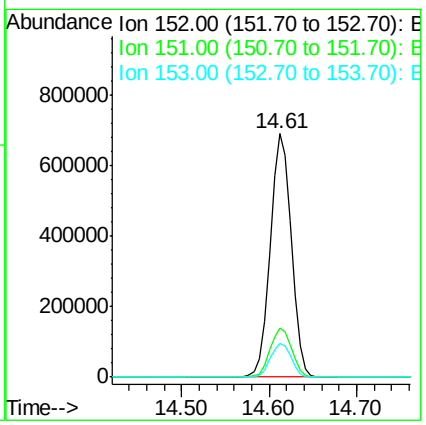


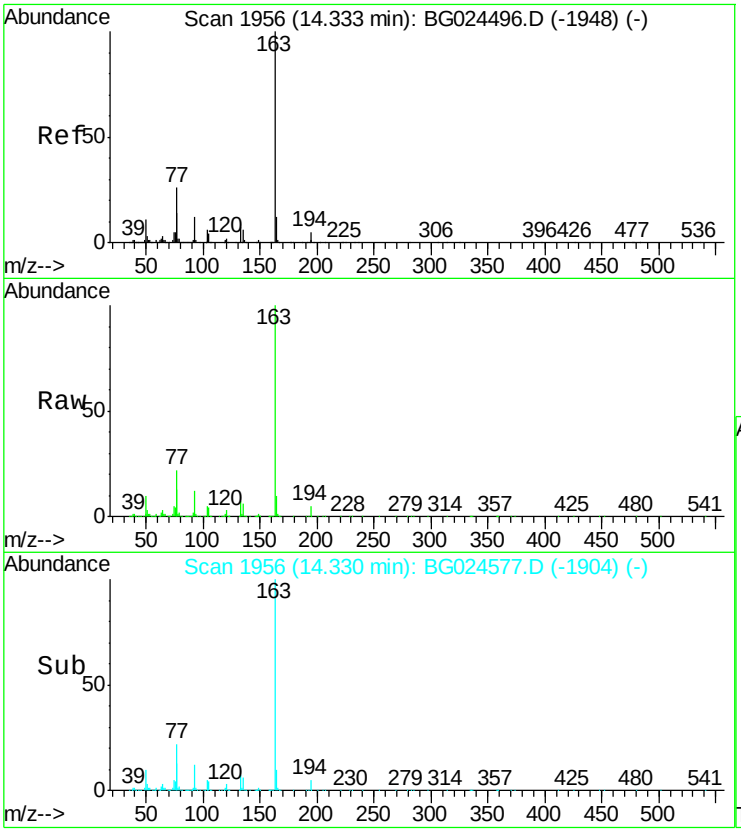




#48
Acenaphthylene
Concen: 35.94 ng
RT: 14.61 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:152 Resp: 1152724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 18.2 | 27.2 |
| 153 | 13.8 | 11.3 | 16.9 |



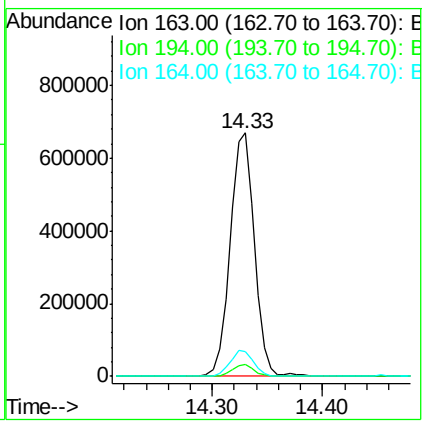


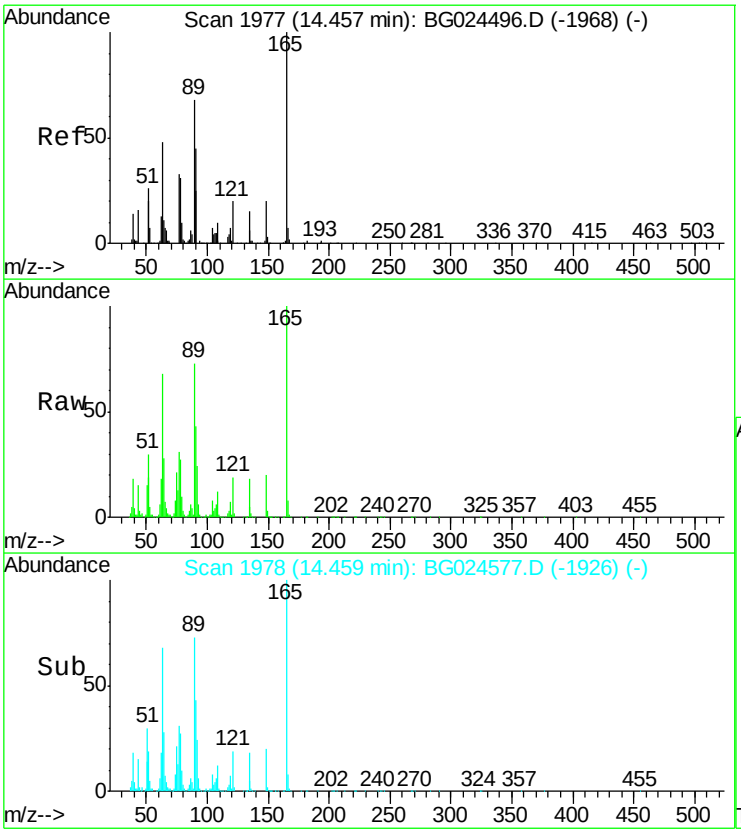

#49
Dimethylphthalate
Concen: 36.61 ng
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:163 Resp: 1028774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.0 | 3.8 | 5.6 |
| 164 | 10.4 | 9.3 | 13.9 |

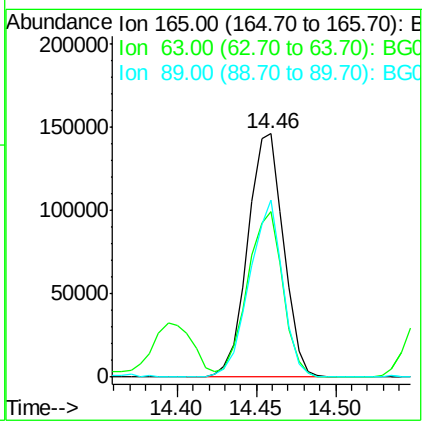


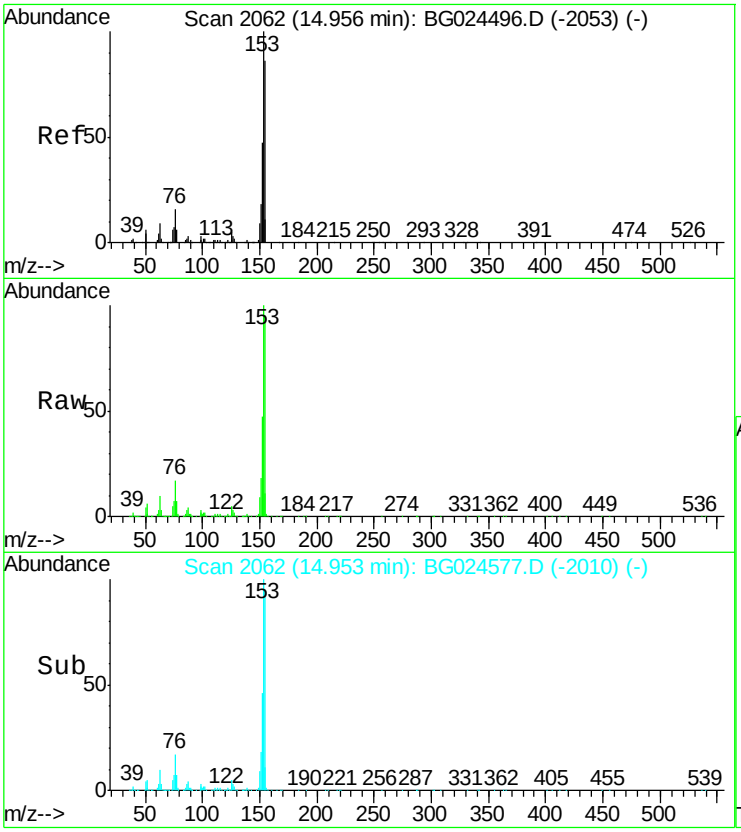




#50
2,6-Dinitrotoluene
Concen: 38.20 ng
RT: 14.46 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:165 Resp: 229172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 68.1 | 63.9 | 95.9 |
| 89 | 73.0 | 58.6 | 88.0 |



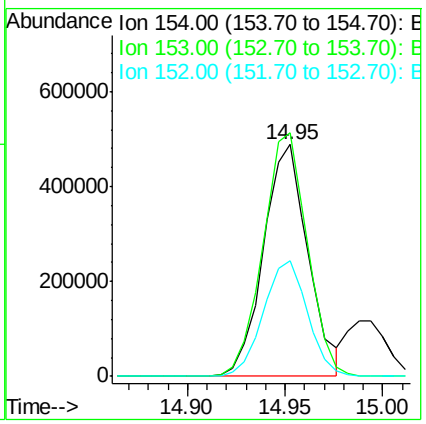


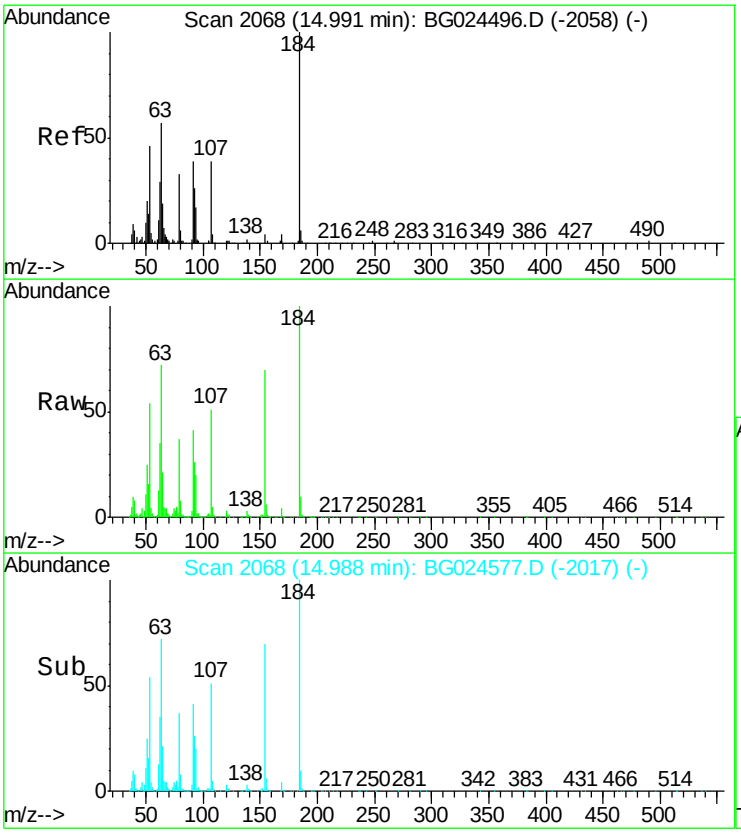

#51
Acenaphthene
Concen: 32.07 ng
RT: 14.95 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:154 Resp: 766938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 105.2 | 87.8 | 131.6 |
| 152 | 49.8 | 42.2 | 63.4 |

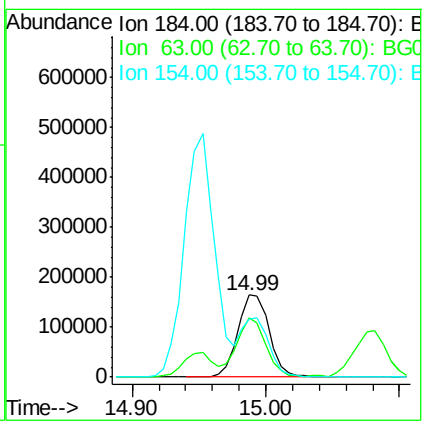


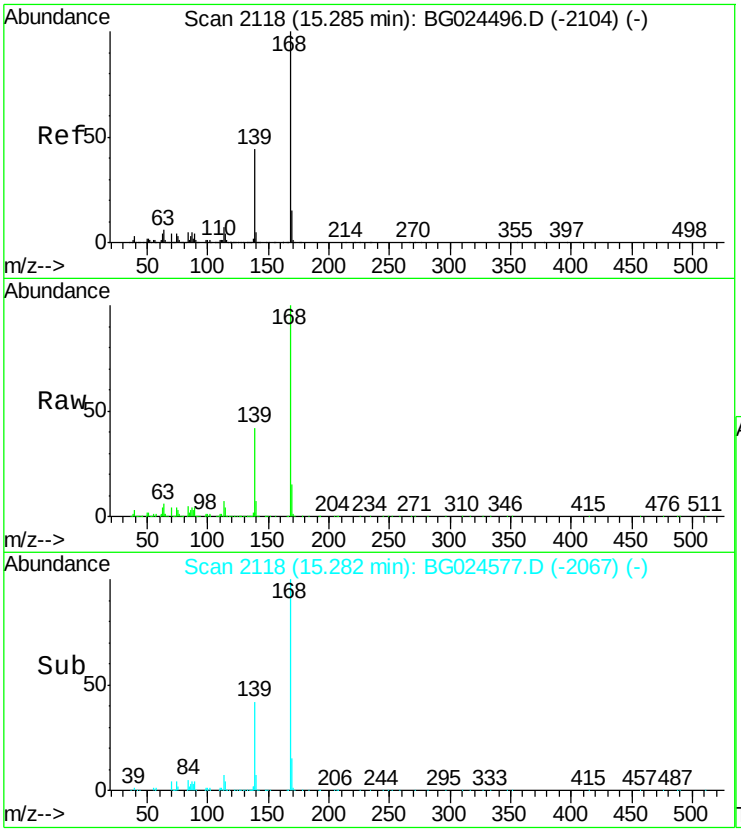




#53
2,4-Dinitrophenol
Concen: 61.61 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:184 Resp: 267846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 72.4 | 52.7 | 79.1 |
| 154 | 70.4 | 57.3 | 85.9 |



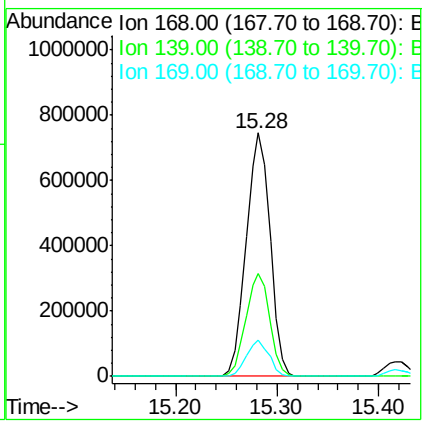


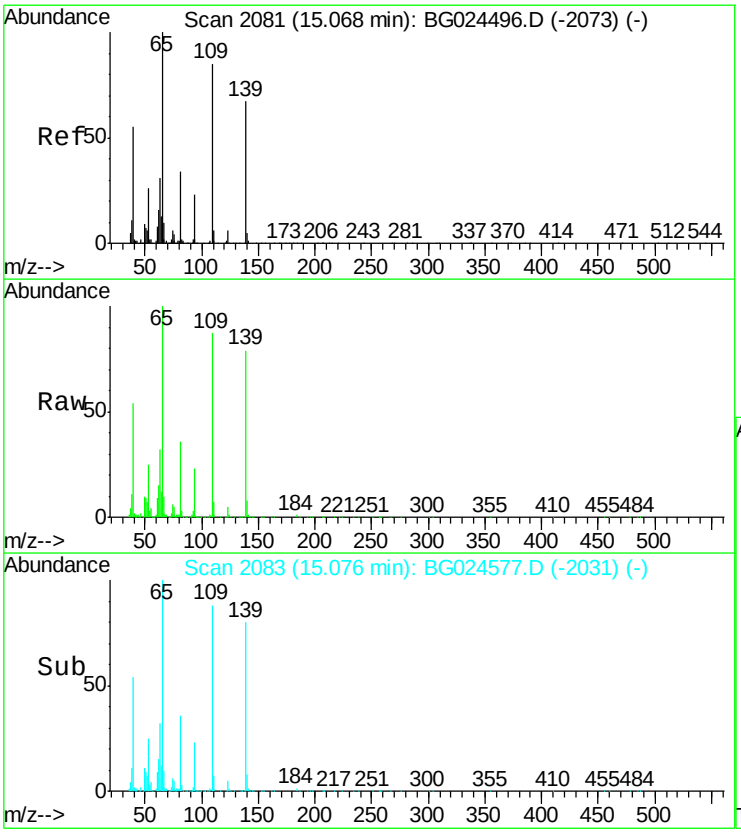

#54
Dibenzofuran
Concen: 36.79 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:168 Resp: 1216100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 42.1 | 35.3 | 52.9 |
| 169 | 14.7 | 11.5 | 17.3 |

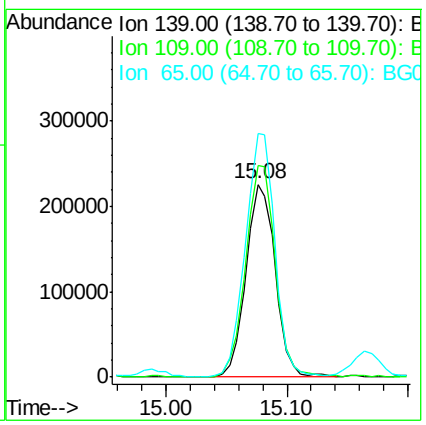


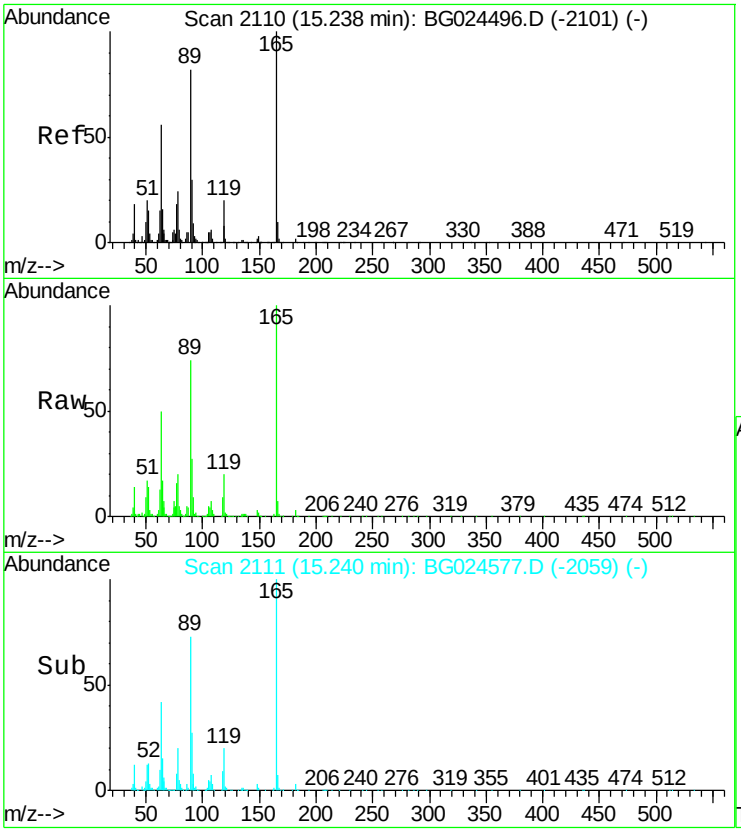




#55
4-Nitrophenol
Concen: 70.60 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:139 Resp: 381839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 110.1 | 101.2 | 141.2 |
| 65 | 126.5 | 135.3 | 175.3# |



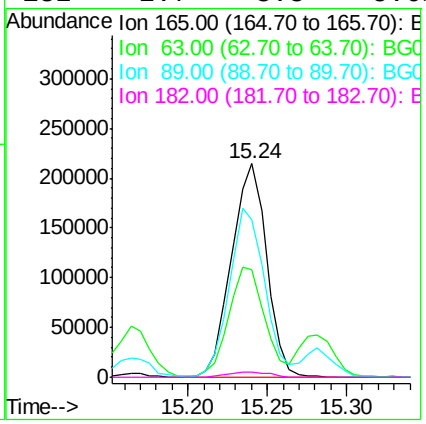


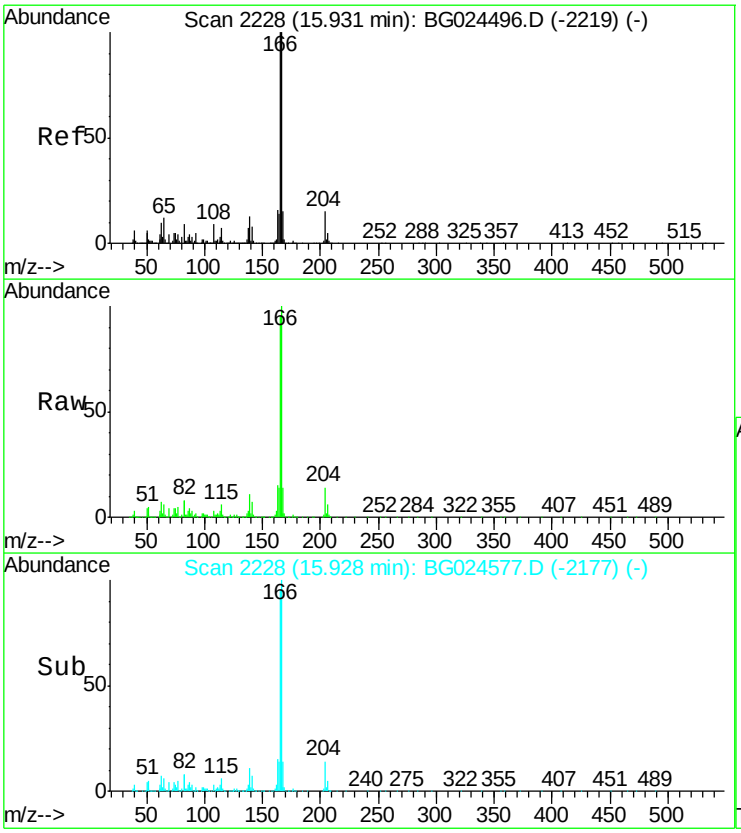

#56
2,4-Dinitrotoluene
Concen: 37.86 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:165 Resp: 330062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.3 | 44.0 | 66.0 |
| 89 | 73.8 | 67.3 | 100.9 |
| 182 | 2.7 | 3.8 | 5.6# |

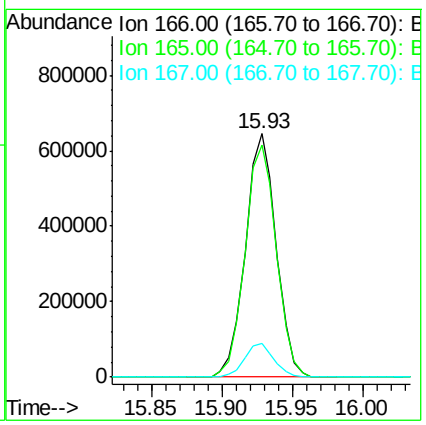


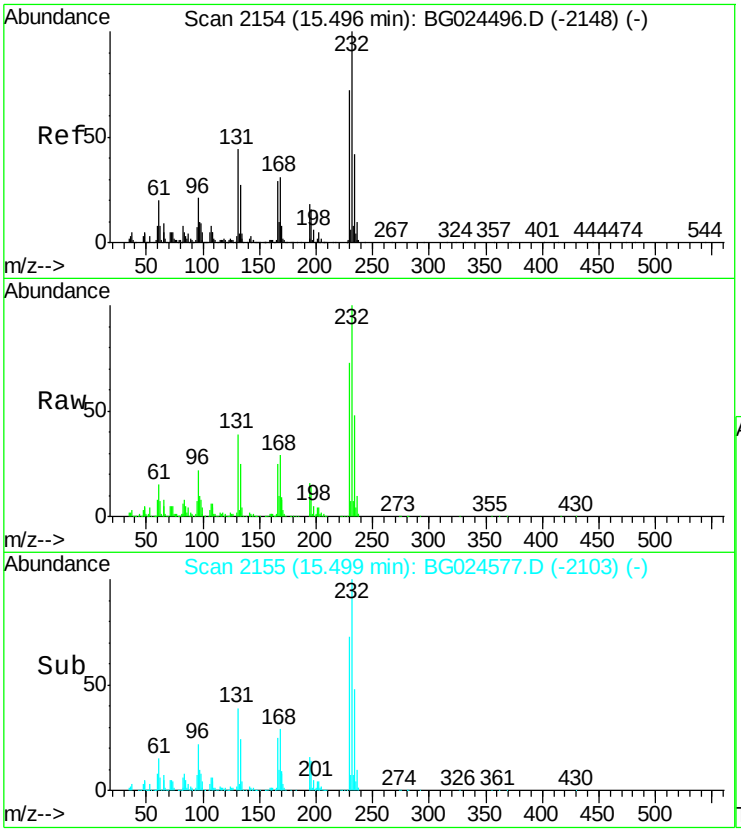




#57
Fluorene
Concen: 35.89 ng
RT: 15.93 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:166 Resp: 983810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.3 | 78.6 | 117.8 |
| 167 | 14.0 | 11.6 | 17.4 |



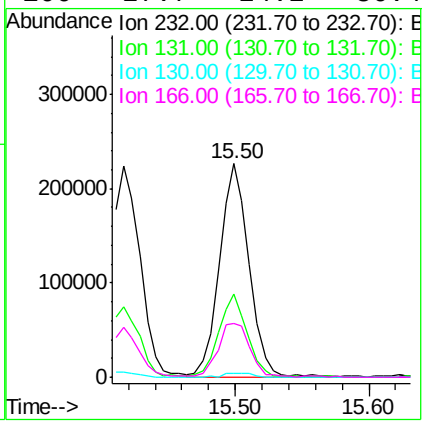


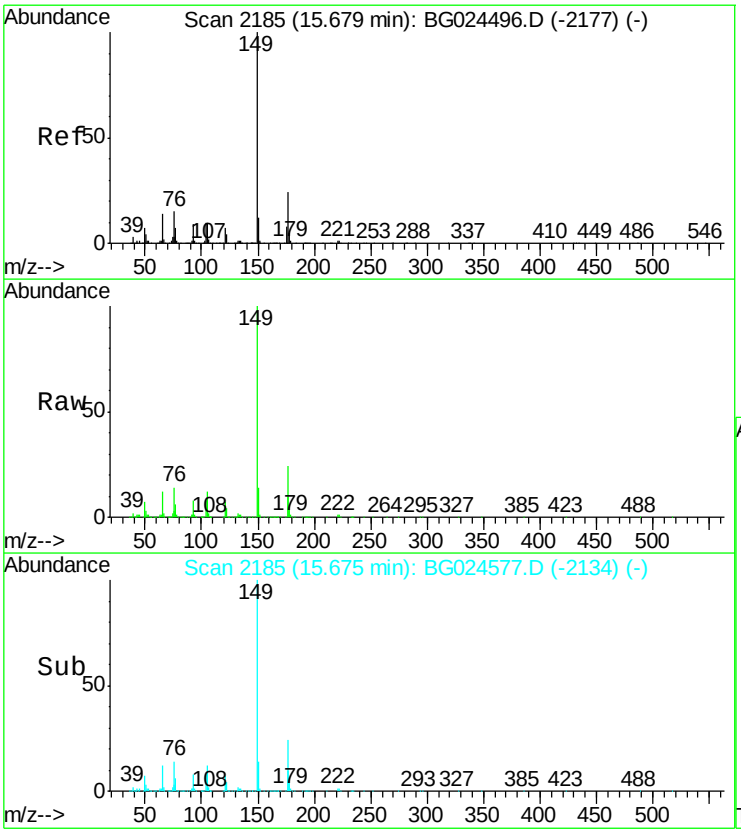

#58
2,3,4,6-Tetrachlorophenol
Concen: 38.80 ng
RT: 15.50 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:232 Resp: 349033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 37.0 | 34.9 | 52.3 |
| 130 | 2.2 | 2.3 | 3.5# |
| 166 | 27.7 | 24.2 | 36.4 |

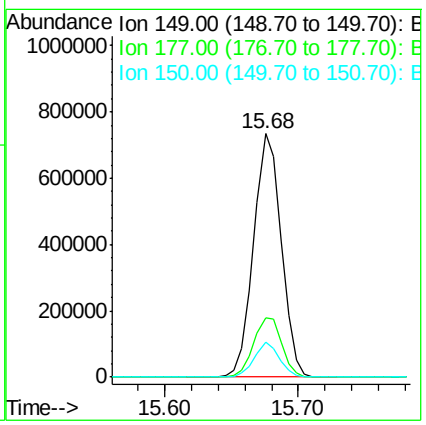


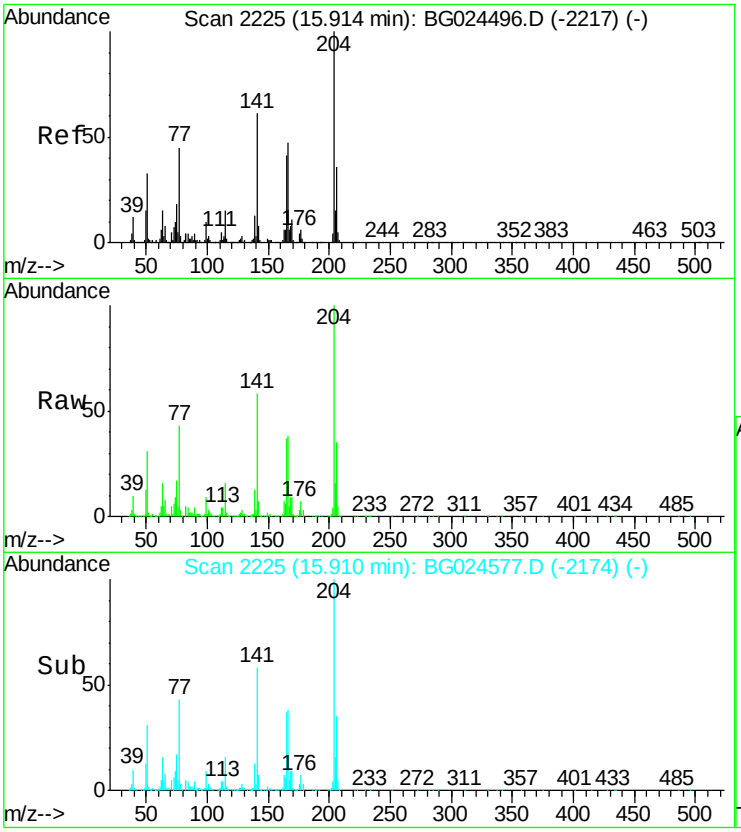




#59
Diethylphthalate
Concen: 35.40 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:149 Resp: 1042957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.4 | 20.1 | 30.1 |
| 150 | 14.5 | 10.2 | 15.2 |



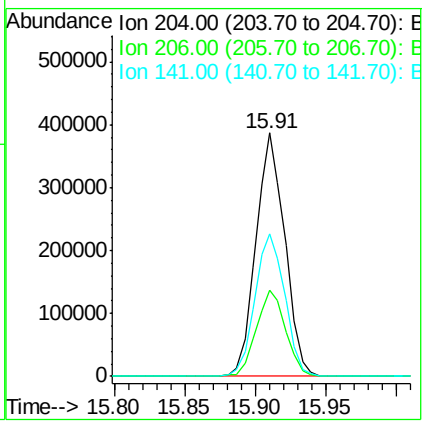


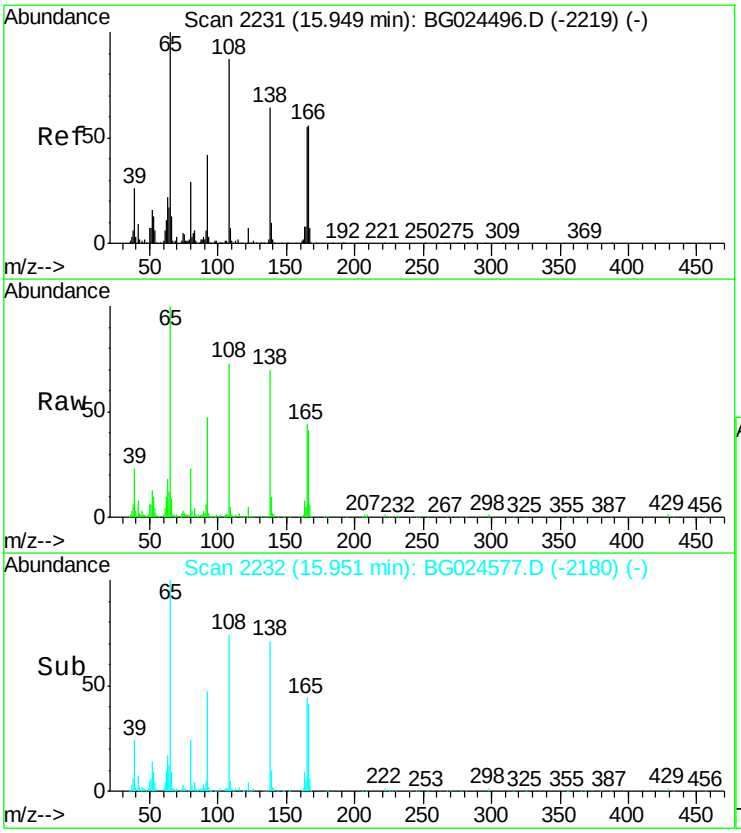

#60
4-Chlorophenyl-phenylether
Concen: 36.16 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:204 Resp: 556248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 35.2 | 30.1 | 45.1 |
| 141 | 58.4 | 50.6 | 76.0 |

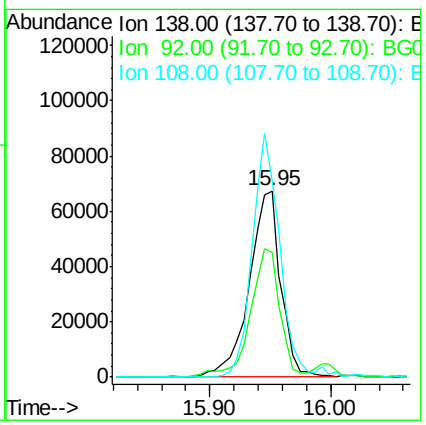


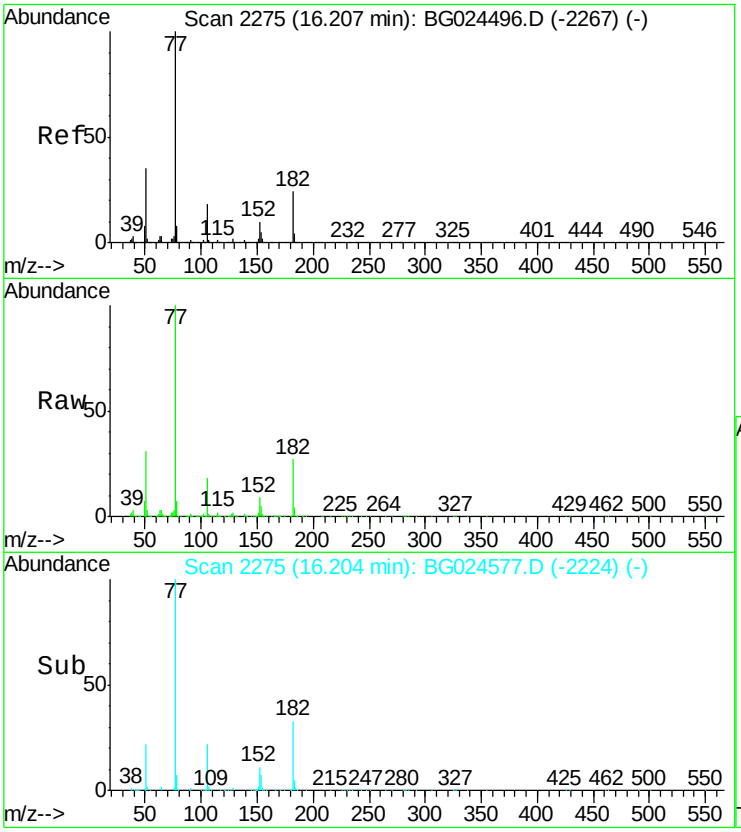




#61
4-Nitroaniline
Concen: 18.13 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:138 Resp: 122945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 67.1 | 44.2 | 84.2 |
| 108 | 105.0 | 104.8 | 144.8 |



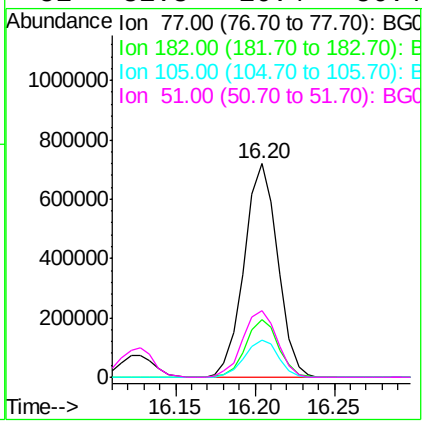


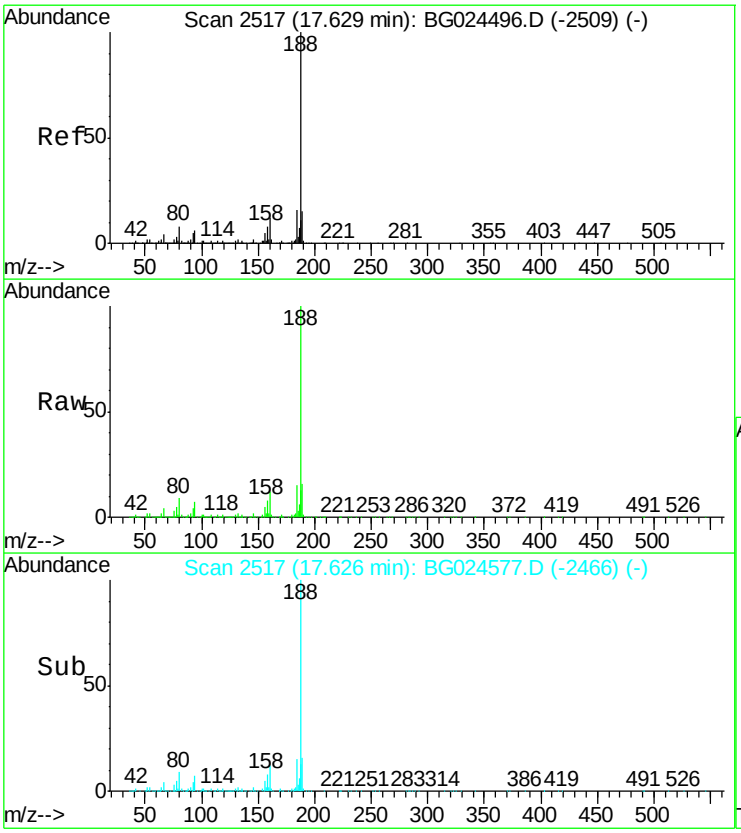

#62
Azobenzene
Concen: 36.01 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion: 77 Resp: 1058116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.1 | 4.7 | 44.7 |
| 105 | 17.6 | 0.0 | 36.3 |
| 51 | 31.3 | 16.4 | 56.4 |

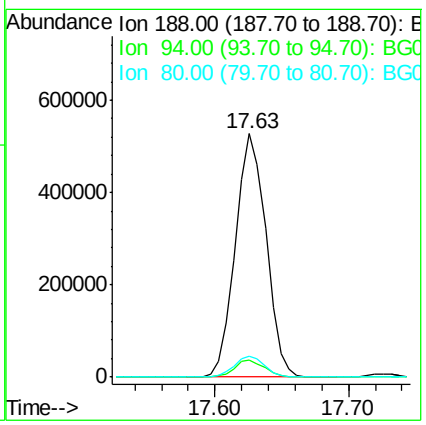


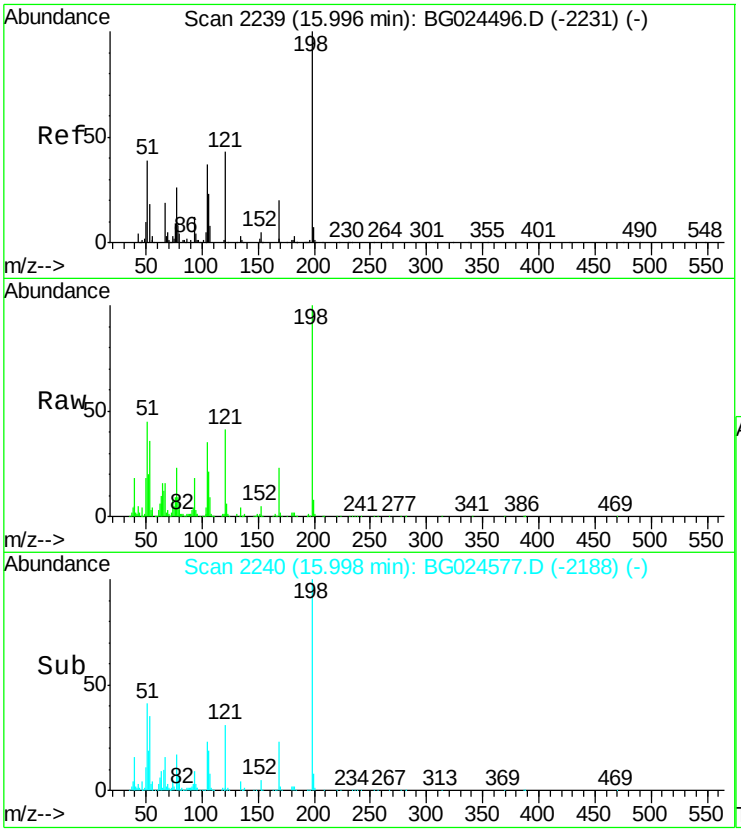




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:188 Resp: 838151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.2 | 5.8 | 8.8 |
| 80 | 8.7 | 7.5 | 11.3 |



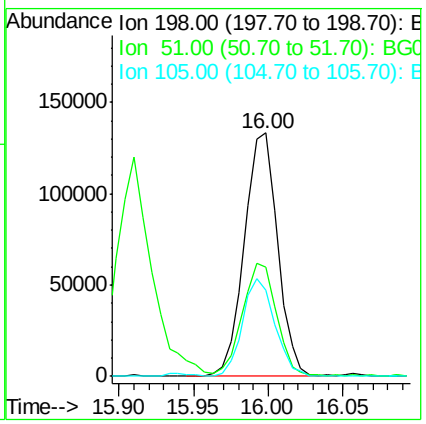


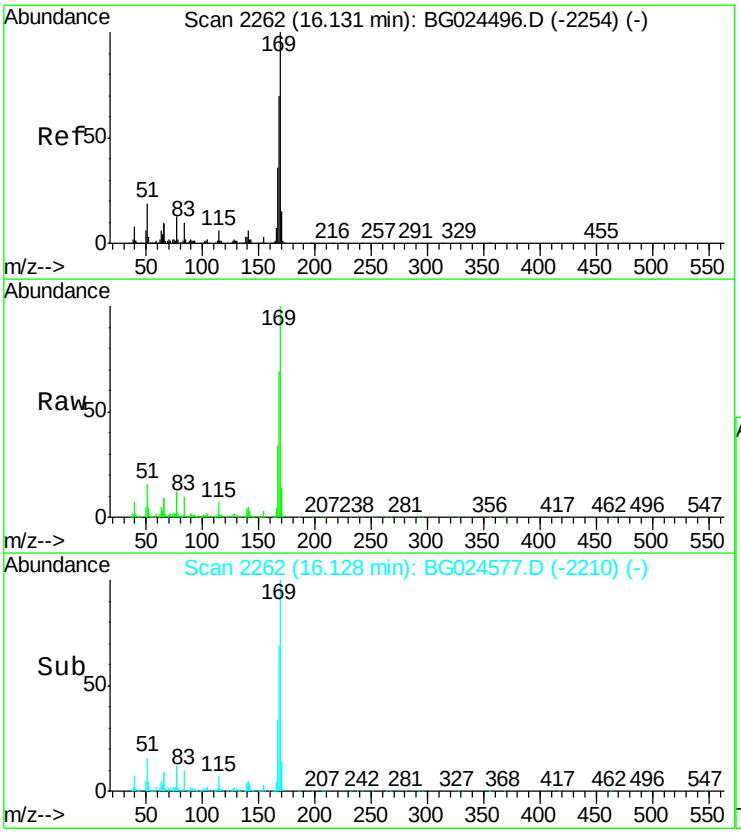

#64
4,6-Dinitro-2-methylphenol
Concen: 35.53 ng
RT: 16.00 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:198 Resp: 205171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.1 | 22.6 | 62.6 |
| 105 | 35.4 | 14.4 | 54.4 |

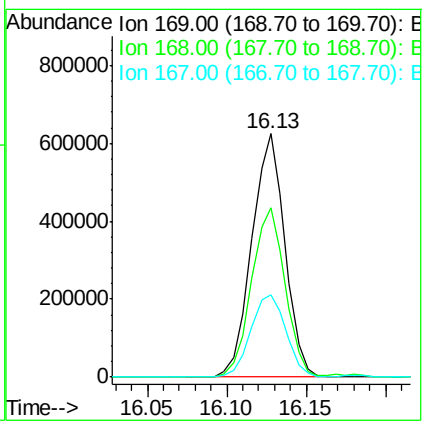


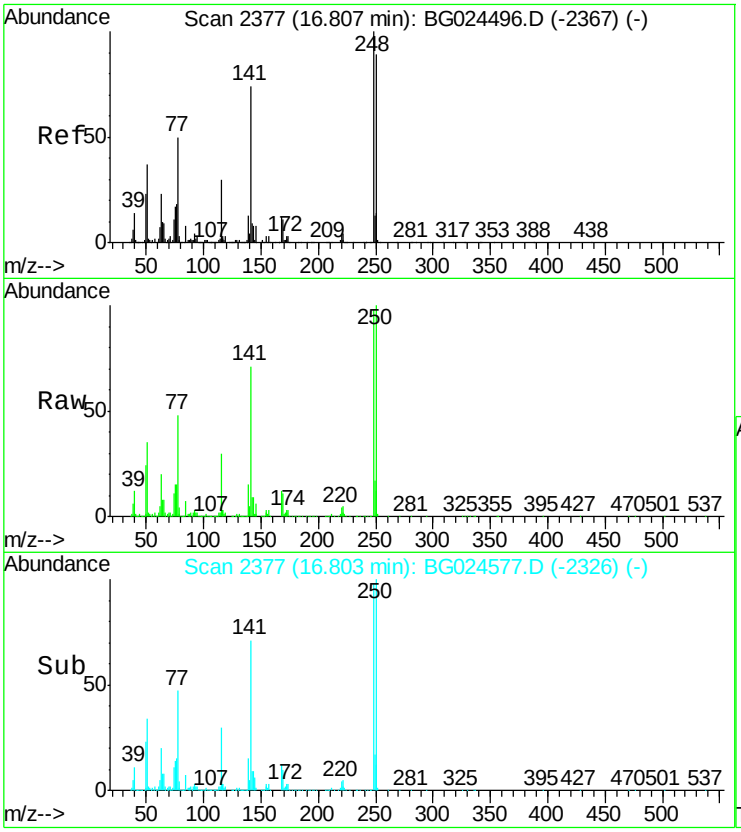




#65
n-Nitrosodiphenylamine
Concen: 39.62 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:169 Resp: 907772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.4 | 55.7 | 83.5 |
| 167 | 33.9 | 29.8 | 44.6 |



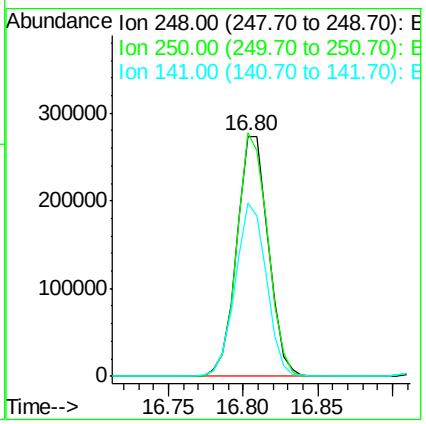


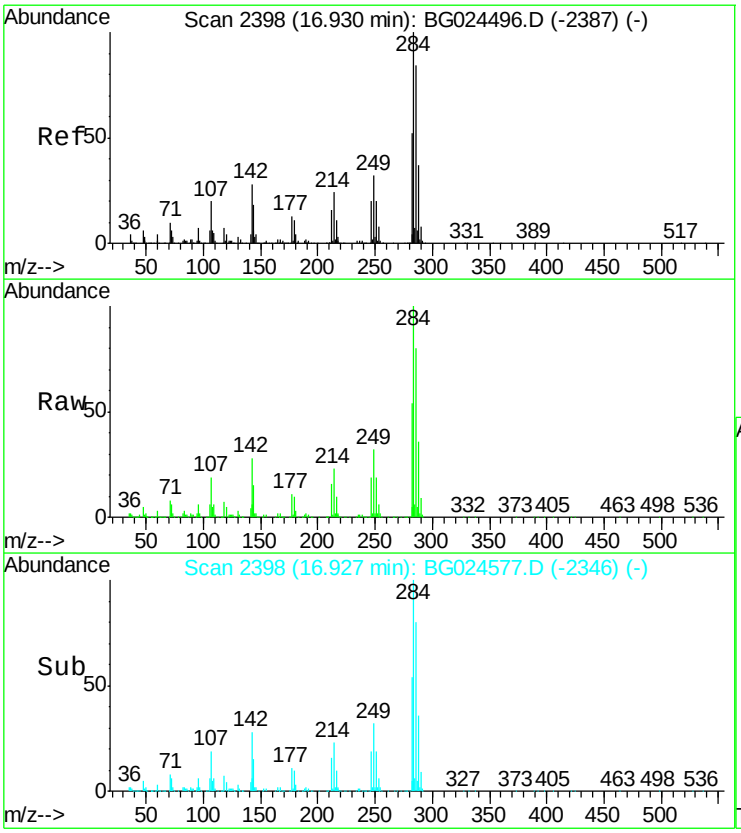

#66
4-Bromophenyl-phenylether
Concen: 39.40 ng
RT: 16.80 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:248 Resp: 400929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.5 | 75.0 | 112.6 |
| 141 | 72.2 | 55.2 | 82.8 |

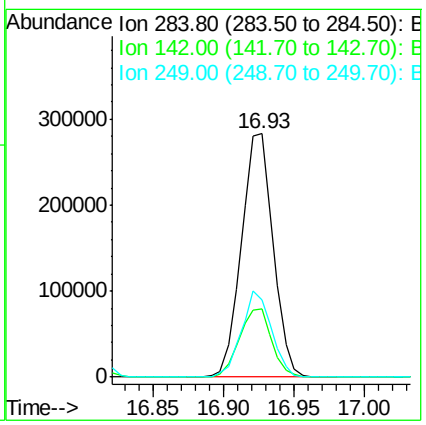


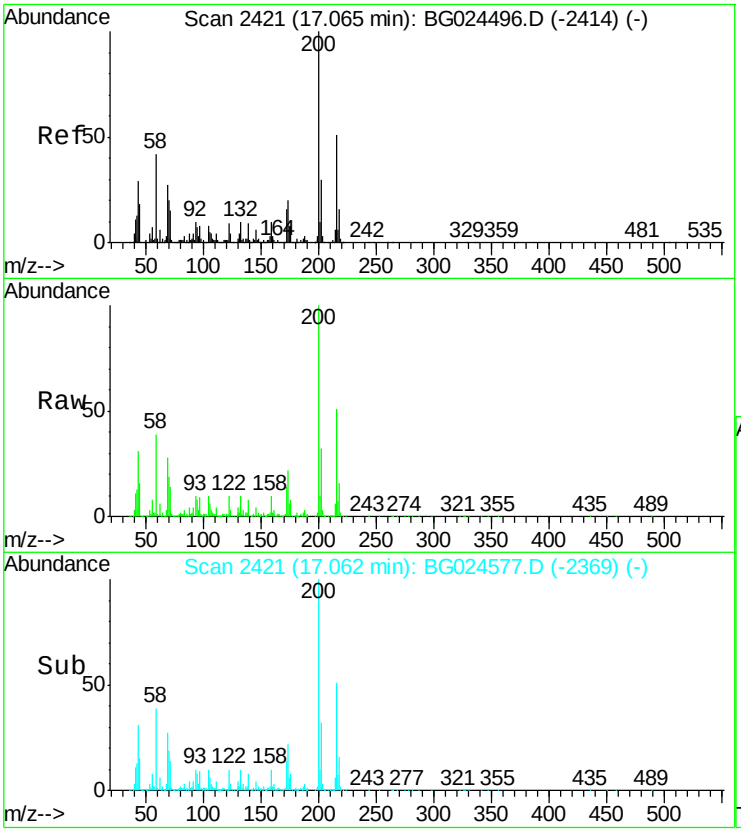




#67
Hexachlorobenzene
Concen: 39.61 ng
RT: 16.93 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:284 Resp: 445323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 28.2 | 29.9 | 44.9# |
| 249 | 31.8 | 29.2 | 43.8 |



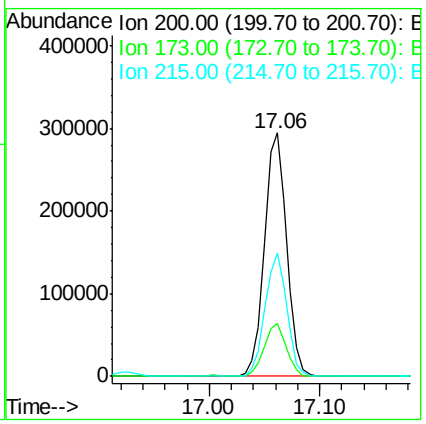


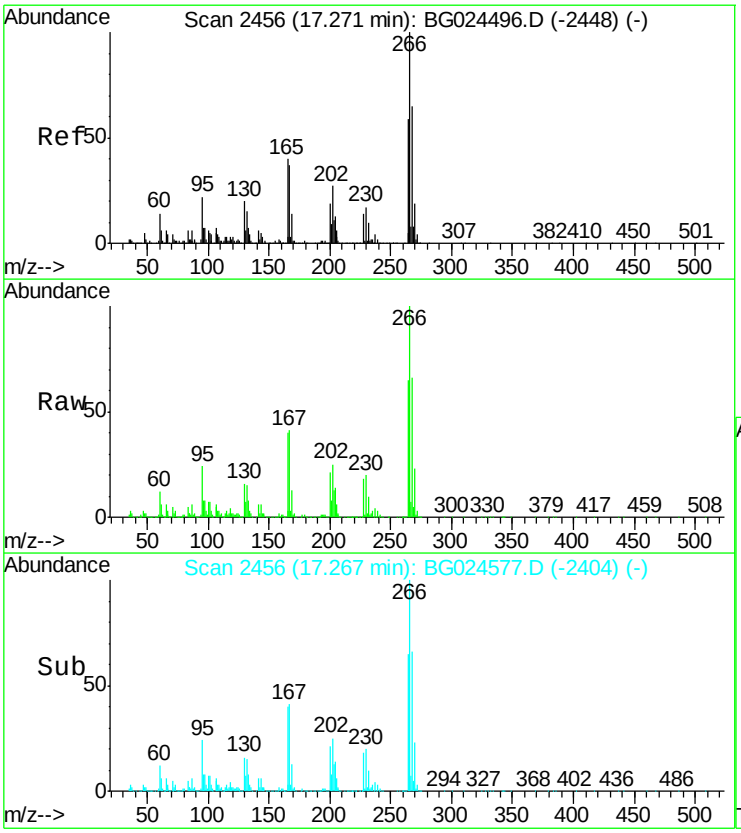

#68
Atrazine
Concen: 42.11 ng
RT: 17.06 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:200 Resp: 413843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 21.8 | 3.0 | 43.0 |
| 215 | 50.6 | 28.4 | 68.4 |

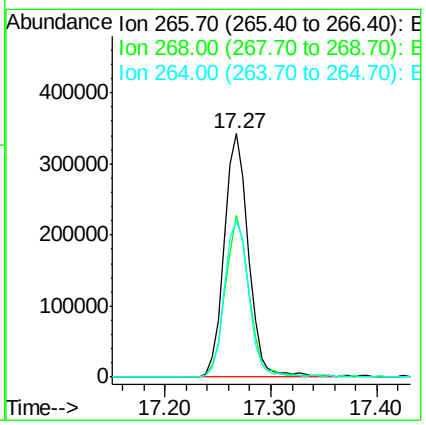


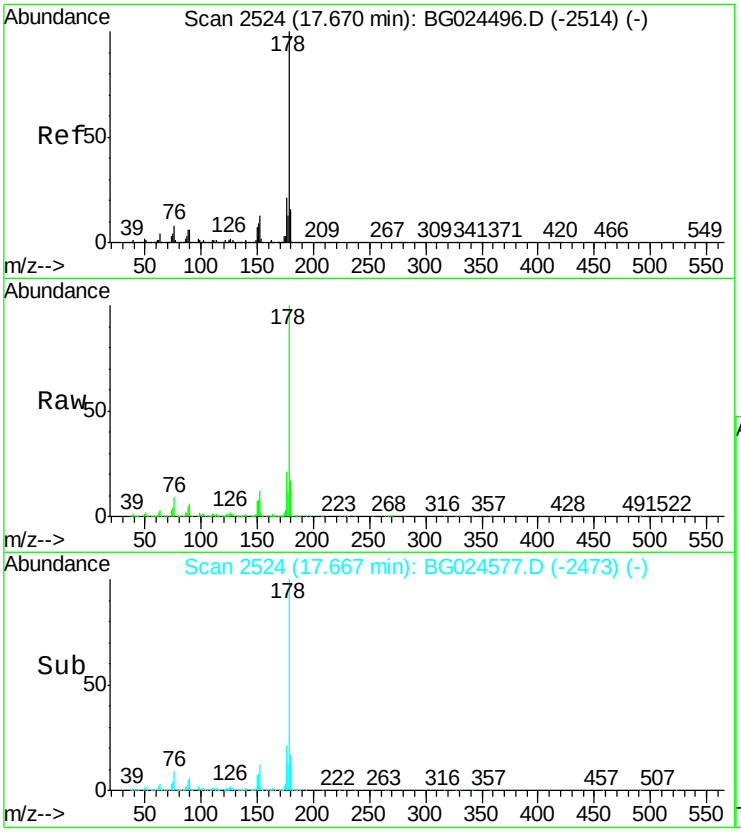




#69
Pentachlorophenol
Concen: 73.42 ng
RT: 17.27 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:266 Resp: 544683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.4 | 48.6 | 72.8 |
| 264 | 64.5 | 50.1 | 75.1 |



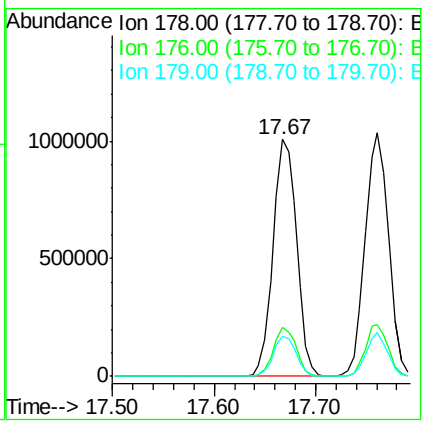


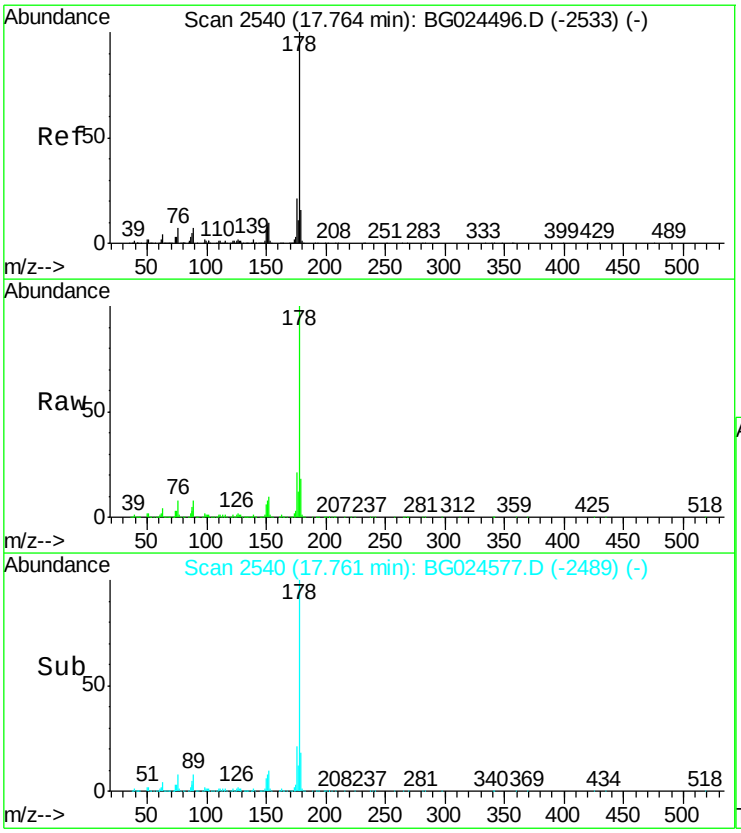

#70
Phenanthrene
Concen: 38.33 ng
RT: 17.67 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:178 Resp: 1637531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.5 | 17.7 | 26.5 |
| 179 | 17.0 | 15.0 | 22.6 |

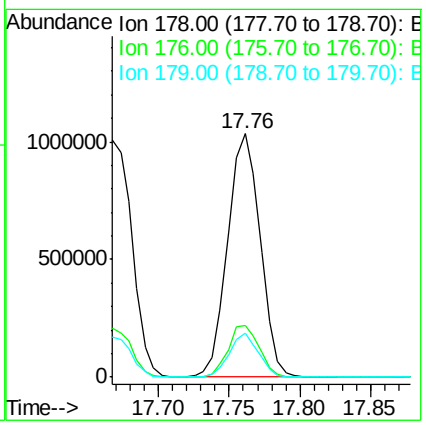


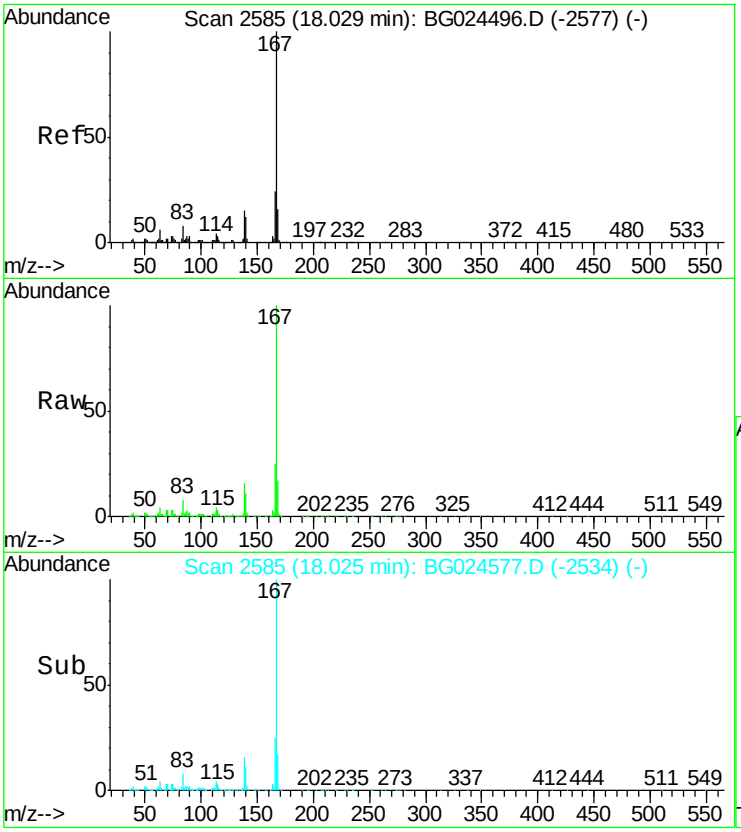




#71
Anthracene
Concen: 38.46 ng
RT: 17.76 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:178 Resp: 1657472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.0 | 16.4 | 24.6 |
| 179 | 18.0 | 13.8 | 20.8 |



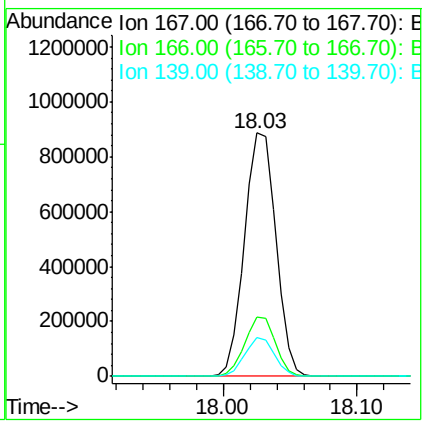


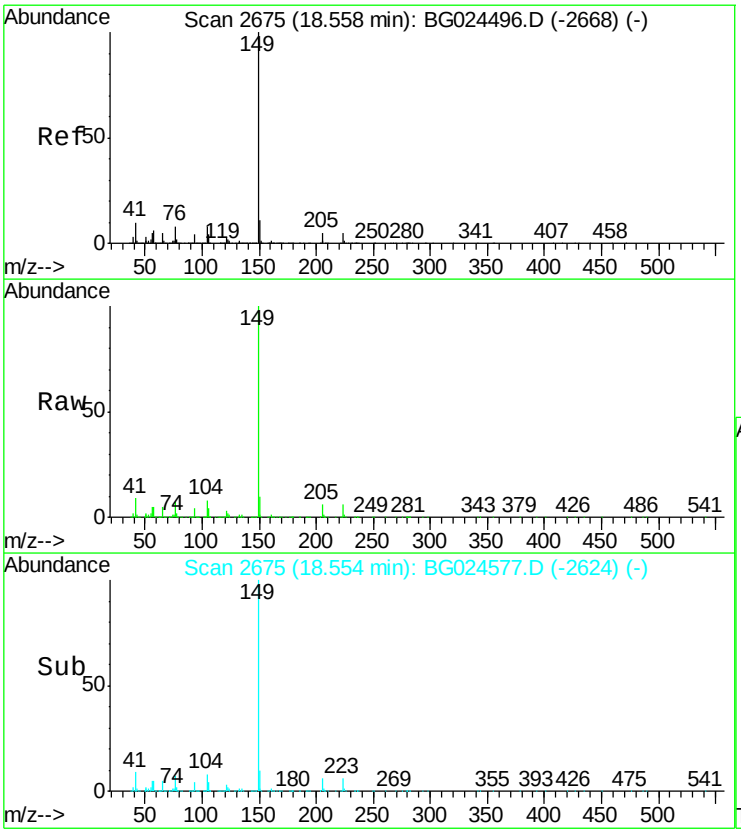

#72
Carbazole
Concen: 36.61 ng
RT: 18.03 min Scan# 2585
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:167 Resp: 1439144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.6 | 20.2 | 30.2 |
| 139 | 15.8 | 12.8 | 19.2 |

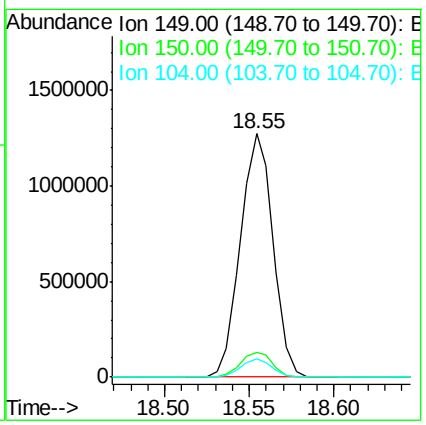


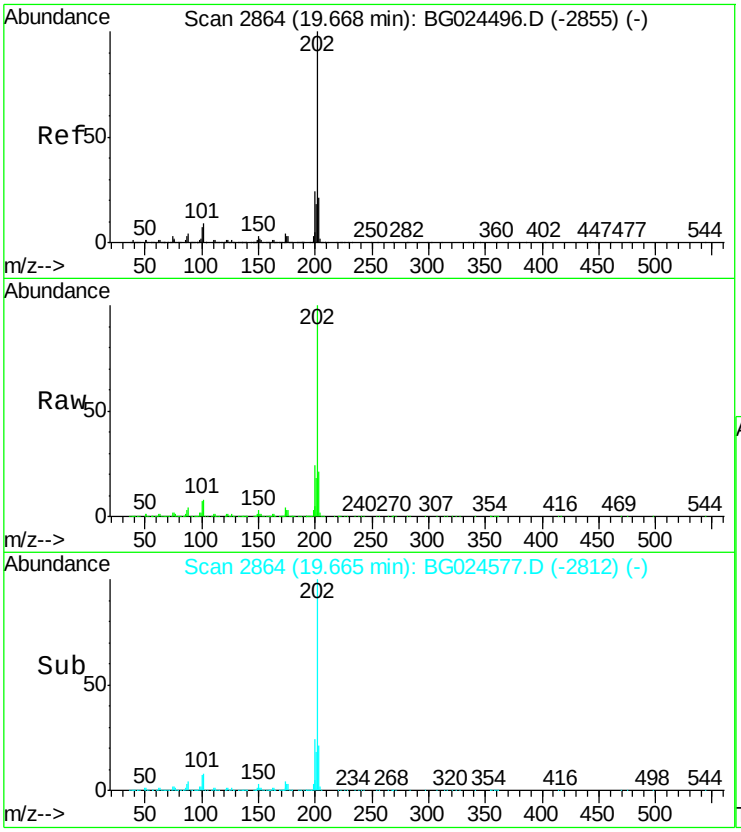




#73
Di-n-butylphthalate
Concen: 37.64 ng
RT: 18.55 min Scan# 2675
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:149 Resp: 1705791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.3 | 9.1 | 13.7 |
| 104 | 7.6 | 6.7 | 10.1 |



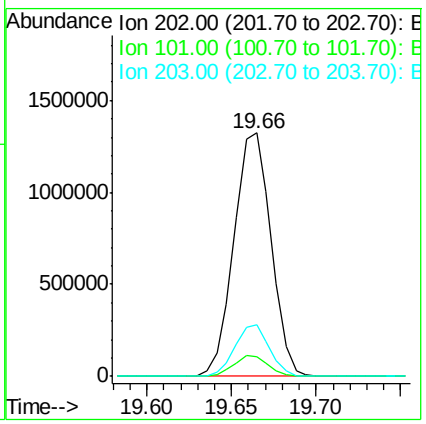


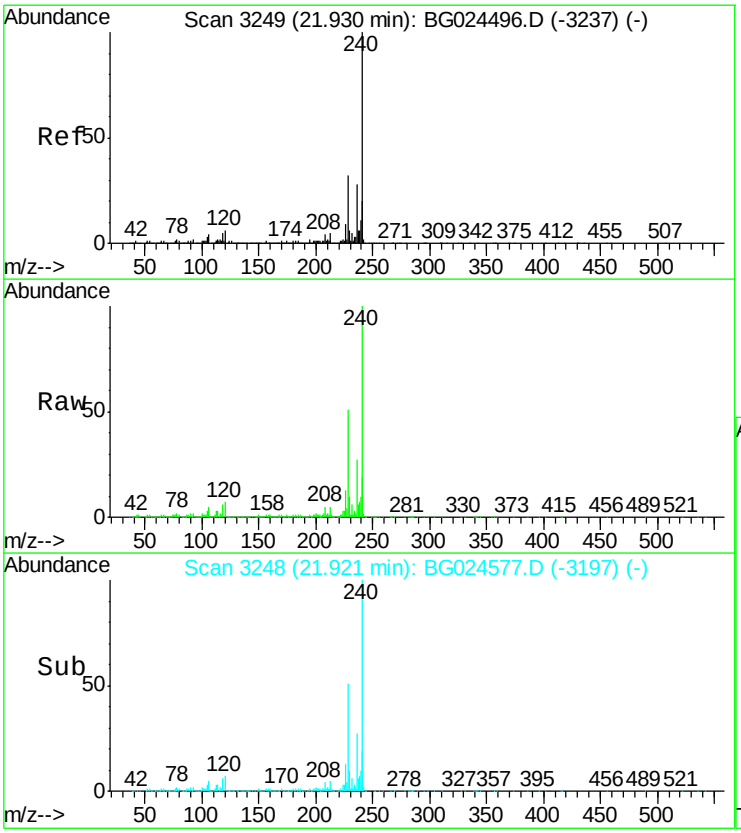

#74
Fluoranthene
Concen: 37.42 ng
RT: 19.66 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:202 Resp: 2020727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.1 | 0.0 | 30.1 |
| 203 | 21.1 | 1.3 | 41.3 |

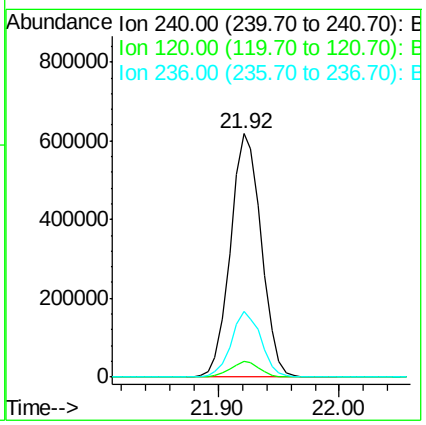


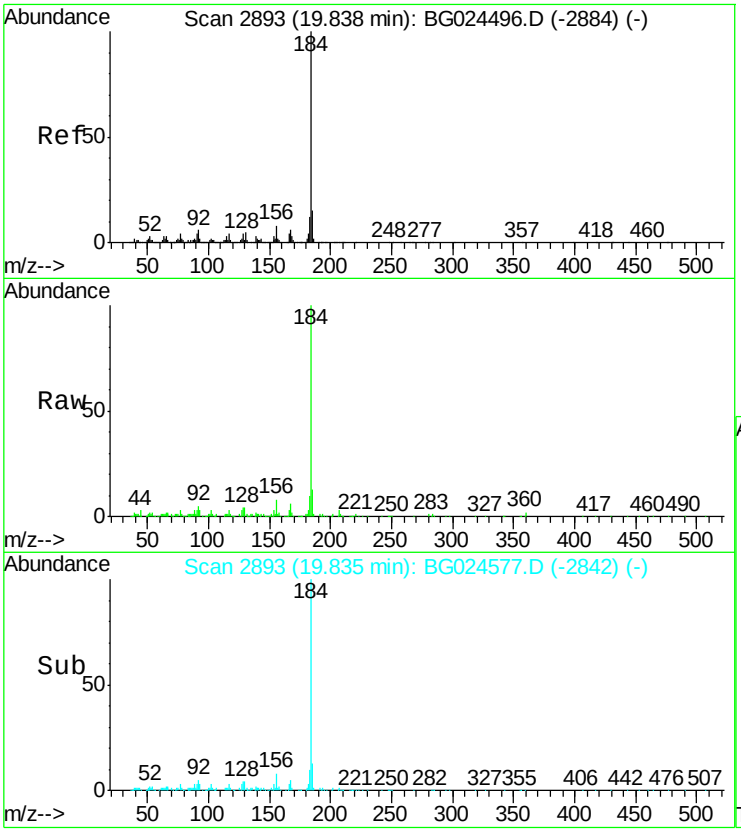




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:240 Resp: 1098338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.7 | 5.7 | 8.5 |
| 236 | 26.9 | 22.2 | 33.4 |



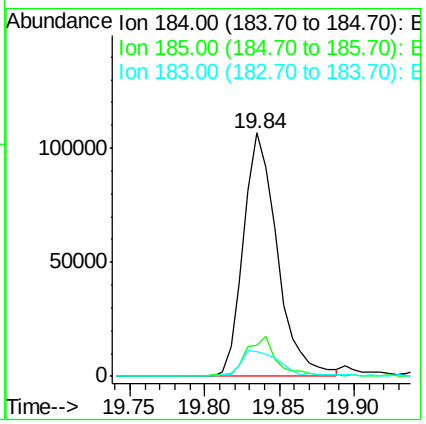


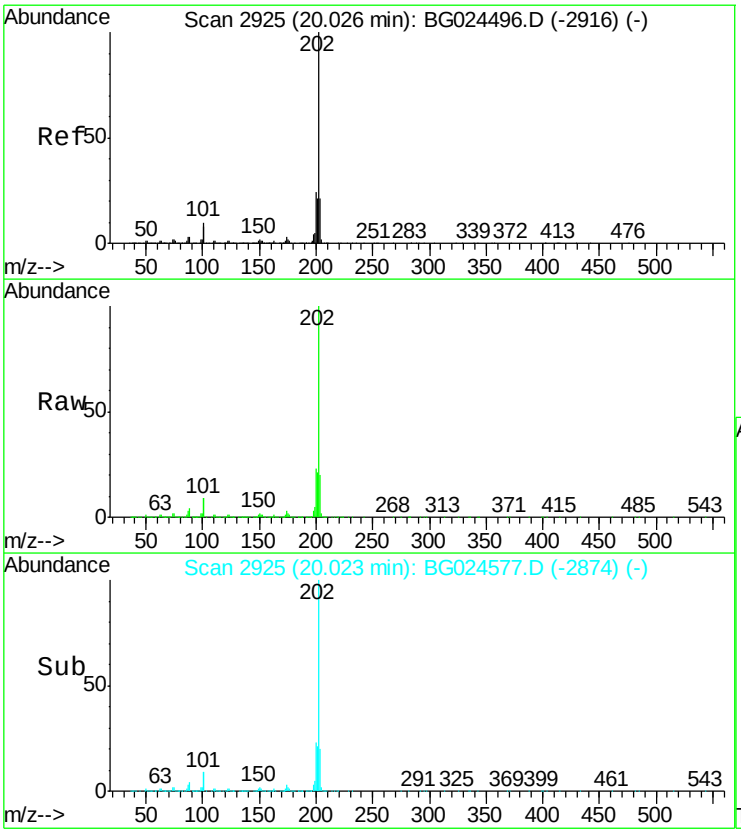

#76
Benzidine
Concen: 6.46 ng
RT: 19.84 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:184 Resp: 167170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.0 | 13.0 | 19.6# |
| 183 | 10.0 | 11.0 | 16.6# |

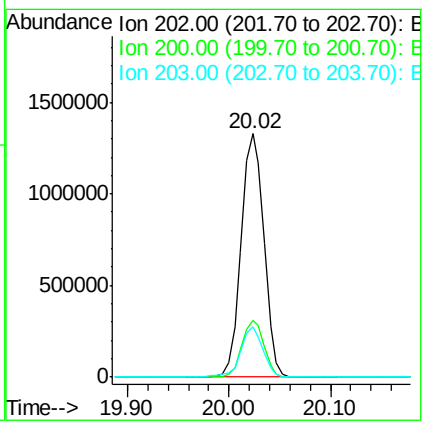


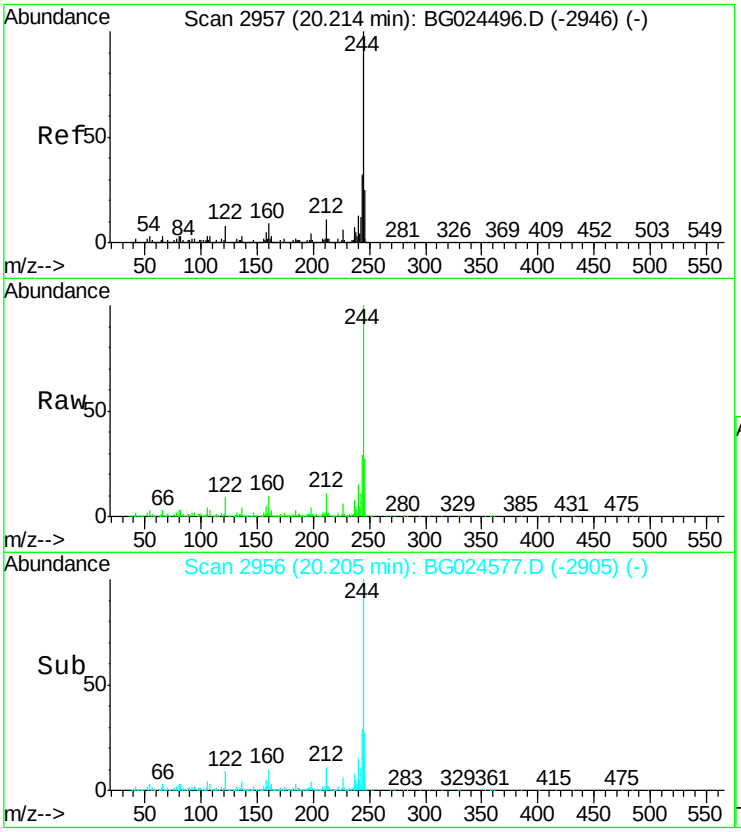




#77
Pyrene
Concen: 38.59 ng
RT: 20.02 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:202 Resp: 2072201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.3 | 19.6 | 29.4 |
| 203 | 20.4 | 15.8 | 23.8 |



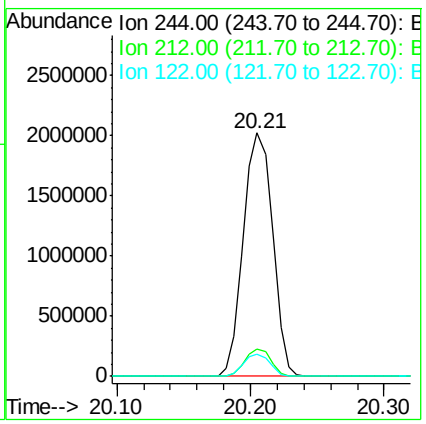


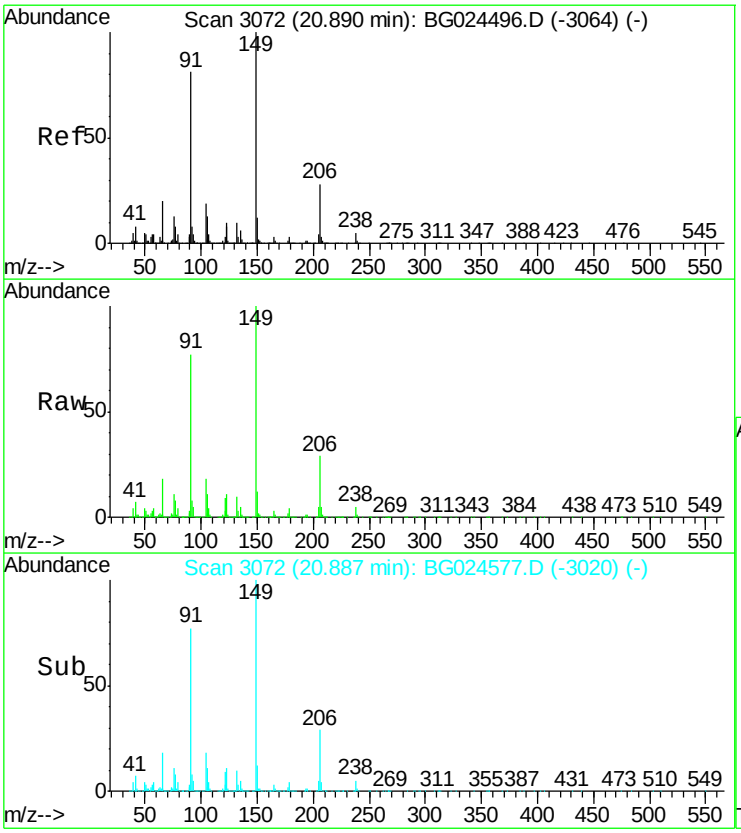

#78
Terphenyl-d14
Concen: 83.11 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:244 Resp: 3054916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 11.4 | 10.0 | 15.0 |
| 122 | 9.3 | 8.6 | 12.8 |

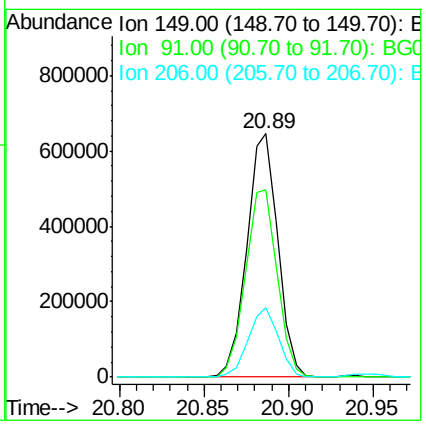


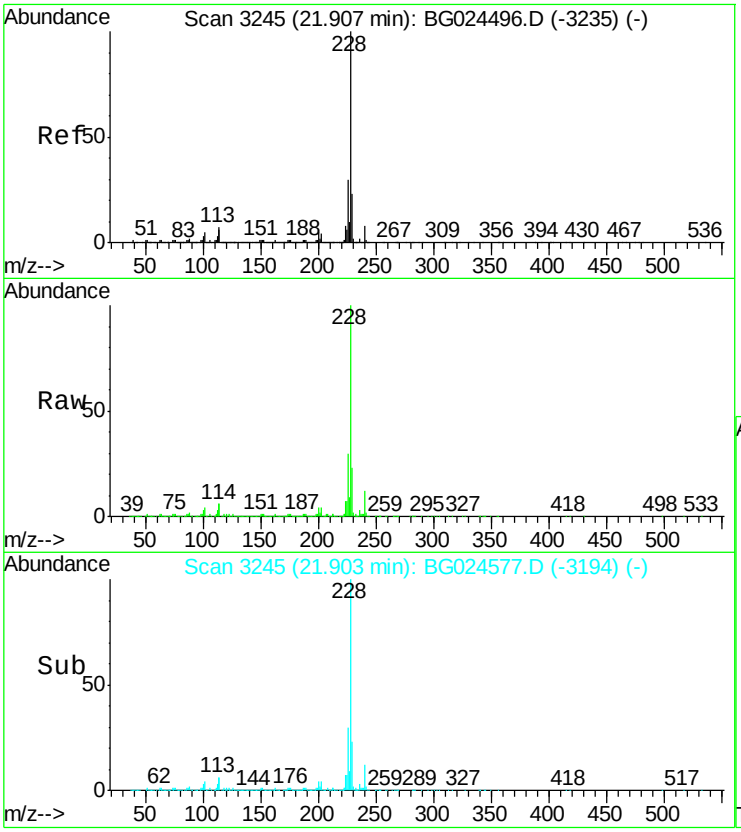




#79
Butylbenzylphthalate
Concen: 36.97 ng
RT: 20.89 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:149 Resp: 827562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 76.8 | 63.5 | 95.3 |
| 206 | 28.6 | 21.0 | 31.6 |



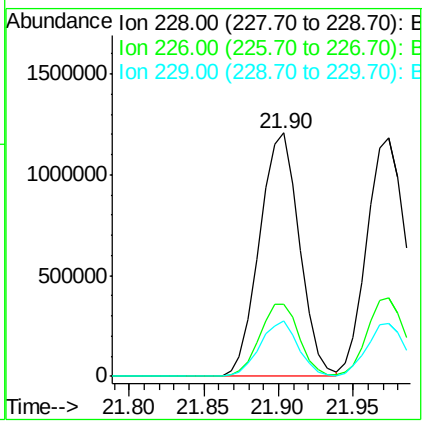


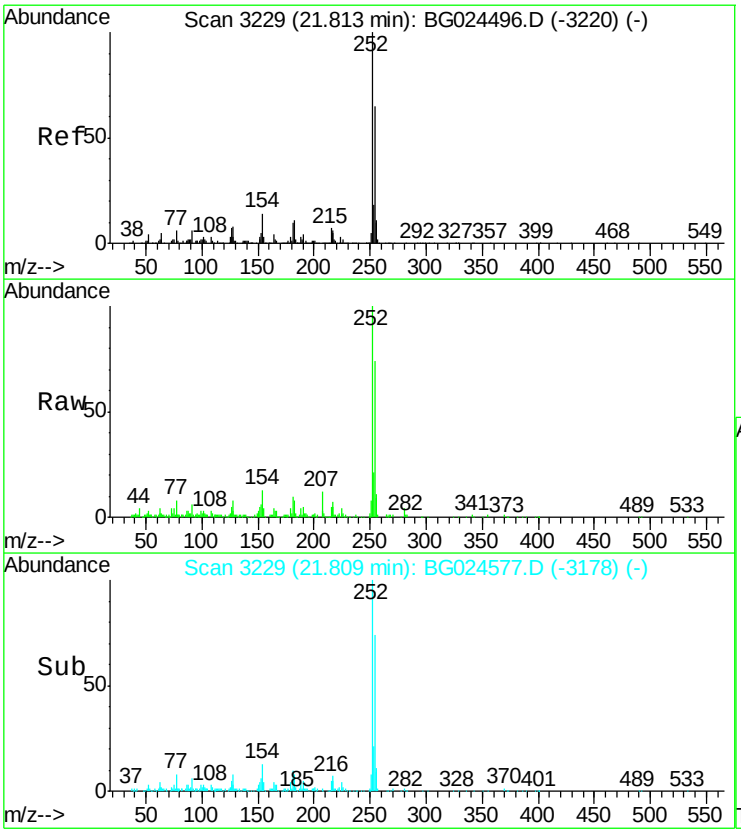

#80
Benzo(a)anthracene
Concen: 37.19 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:228 Resp: 2244032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 24.9 | 37.3 |
| 229 | 22.8 | 18.2 | 27.2 |

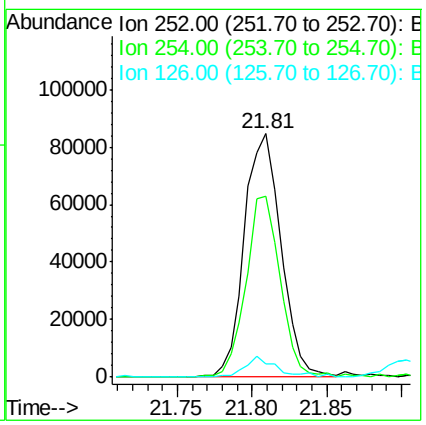


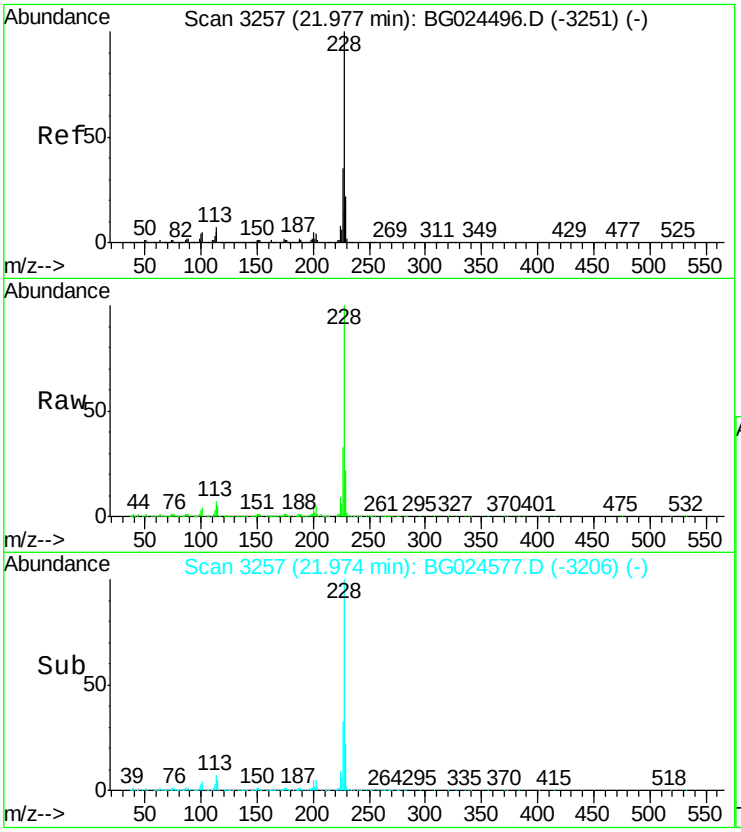




#81
3,3'-Dichlorobenzidine
Concen: 5.91 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:252 Resp: 143767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 74.4 | 53.1 | 79.7 |
| 126 | 5.4 | 7.0 | 10.4# |



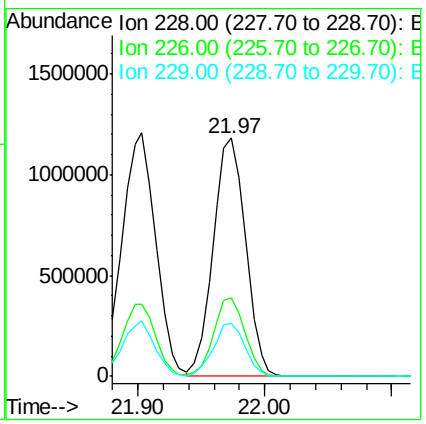


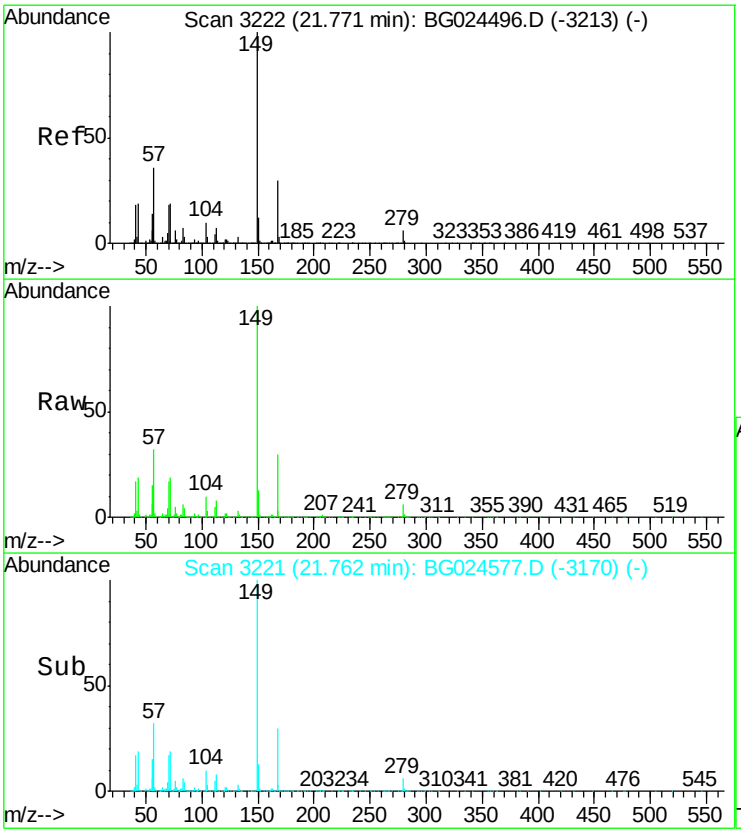

#82
Chrysene
Concen: 36.52 ng
RT: 21.97 min Scan# 3257
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:228 Resp: 2098617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.7 | 27.0 | 40.4 |
| 229 | 22.1 | 17.8 | 26.6 |

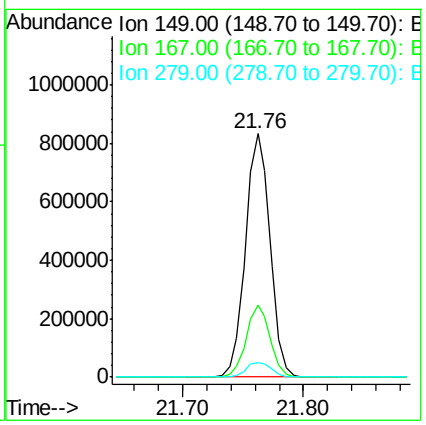


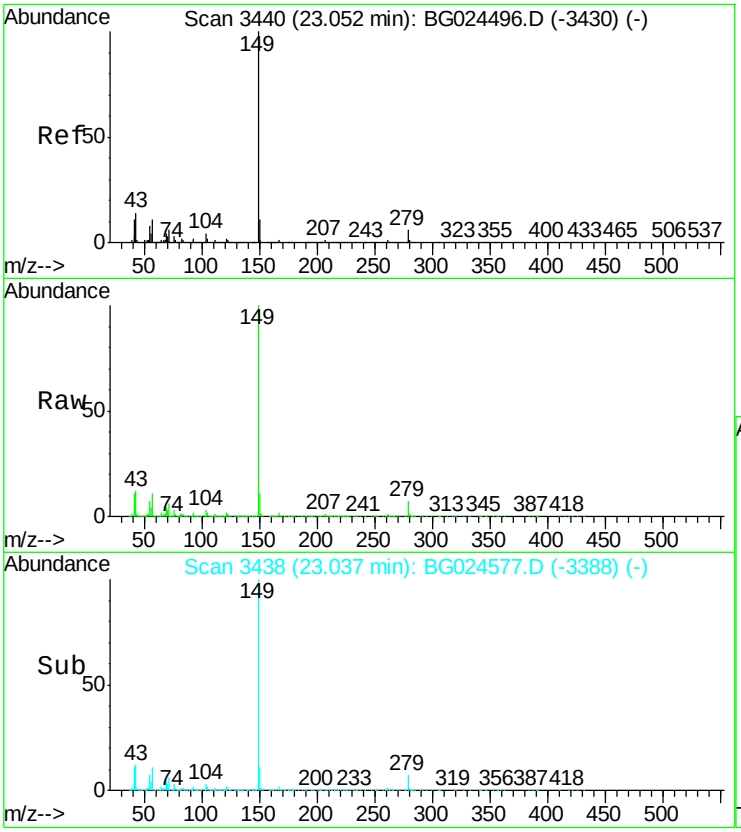




#83
Bis(2-ethylhexyl)phthalate
Concen: 36.81 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:149 Resp: 1178610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 29.8 | 23.7 | 35.5 |
| 279 | 6.2 | 4.6 | 6.8 |



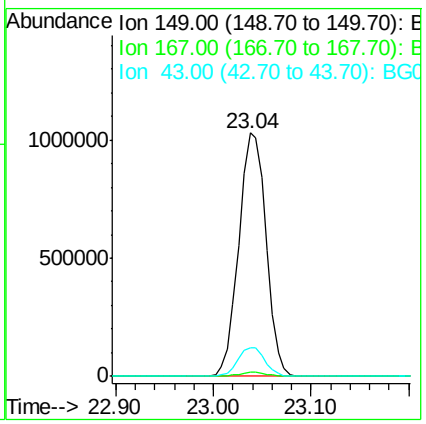


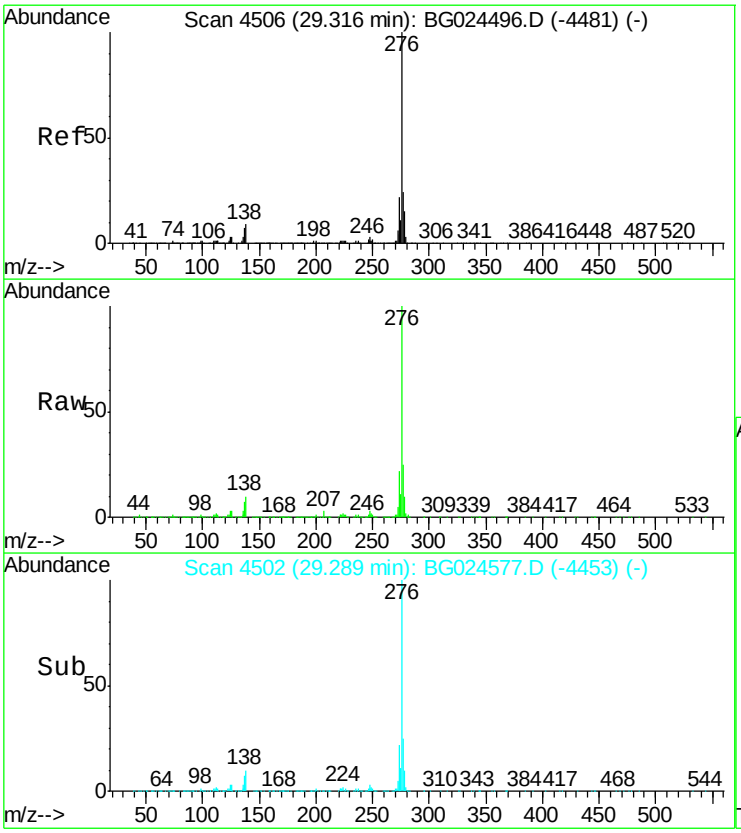

#84
Di-n-octyl phthalate
Concen: 37.85 ng
RT: 23.04 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:149 Resp: 2011363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.8 | 1.4 | 2.2 |
| 43 | 11.7 | 11.8 | 17.6# |

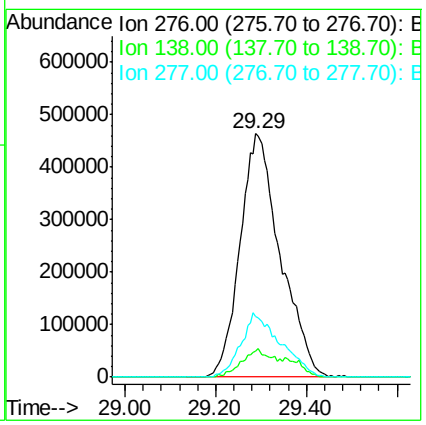


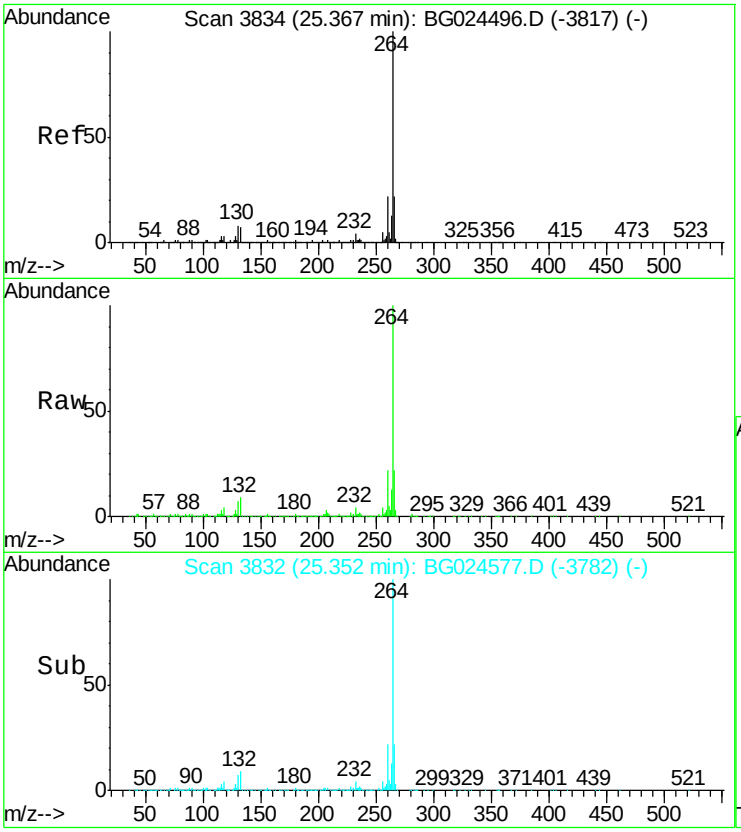




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.97 ng
RT: 29.29 min Scan# 4502
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:276 Resp: 2853206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 8.4 | 4.7 | 7.1# |
| 277 | 26.1 | 20.6 | 31.0 |



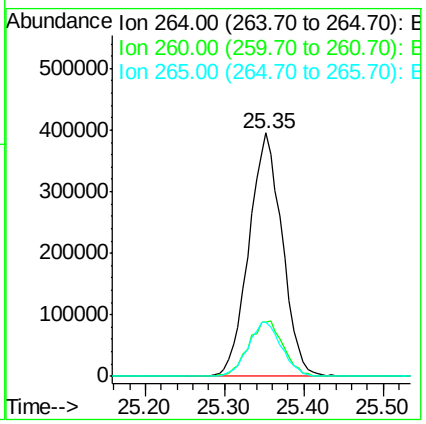


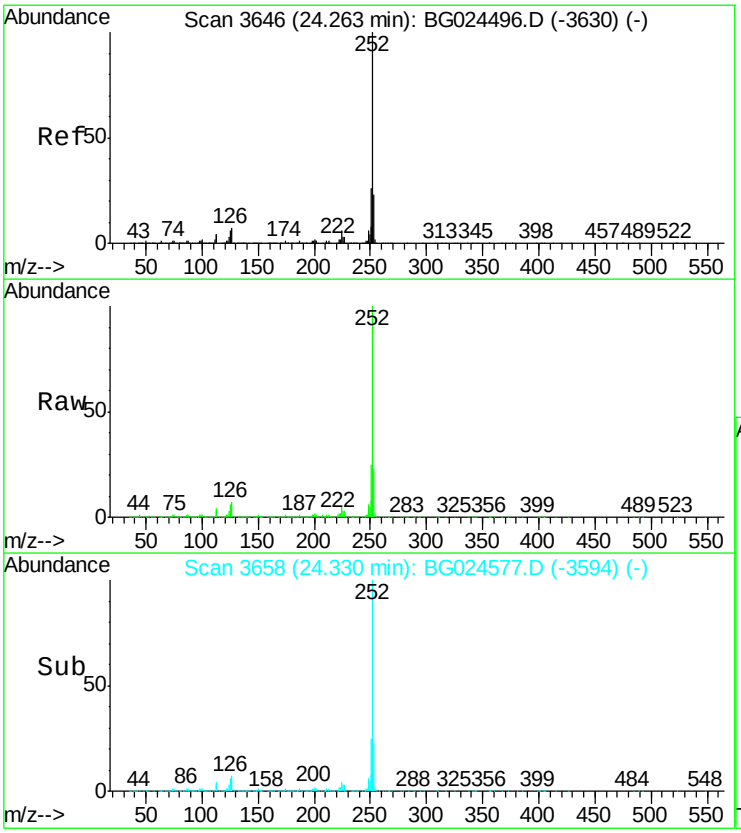

#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:264 Resp: 1153440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.2 | 21.8 | 32.8 |
| 265 | 22.5 | 18.2 | 27.4 |

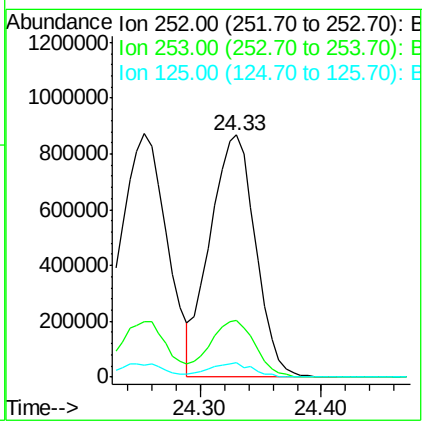


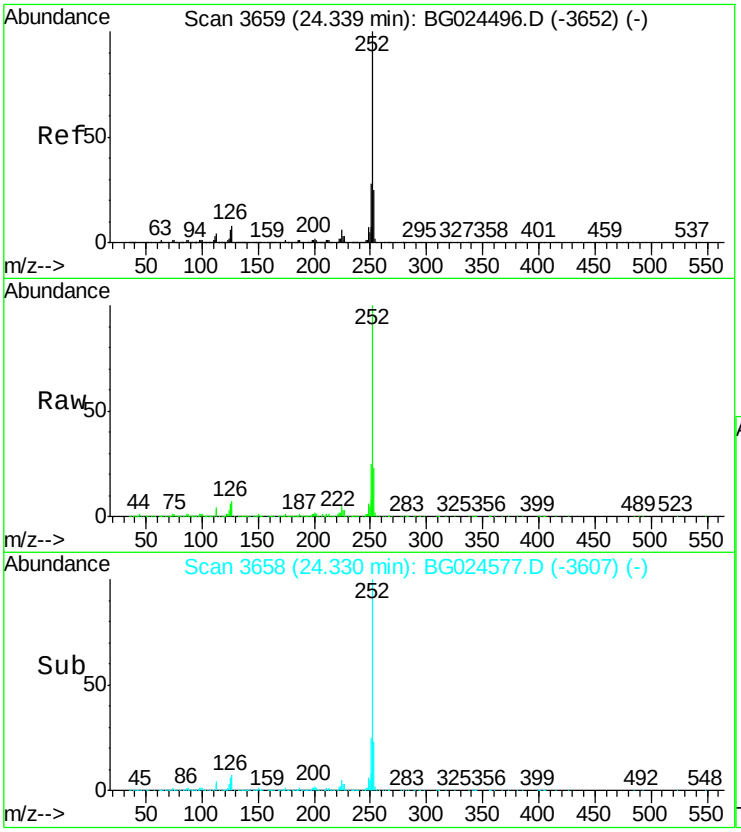




#87
Benzo(b)fluoranthene
Concen: 36.26 ng
RT: 24.33 min Scan# 3658
Delta R.T. 0.07 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:252 Resp: 2260443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.7 | 28.1 |
| 125 | 6.2 | 5.3 | 7.9 |



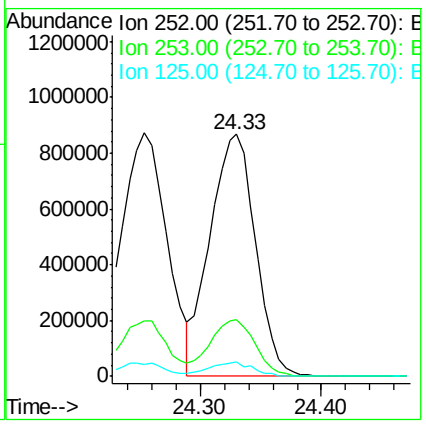


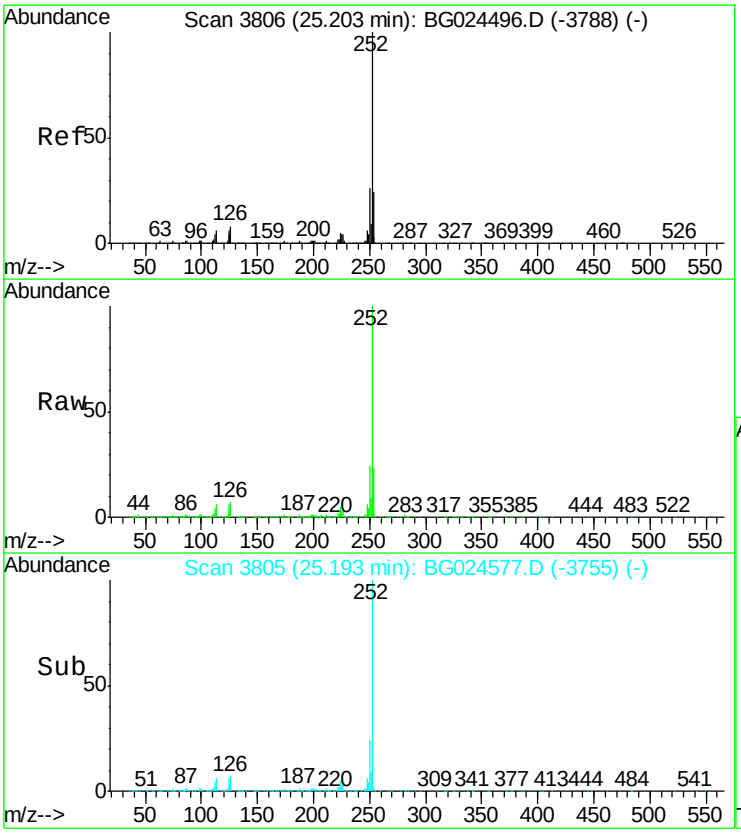

#88
Benzo(k)fluoranthene
Concen: 37.54 ng
RT: 24.33 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:252 Resp: 2260443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 20.2 | 30.2 |
| 125 | 6.2 | 5.1 | 7.7 |

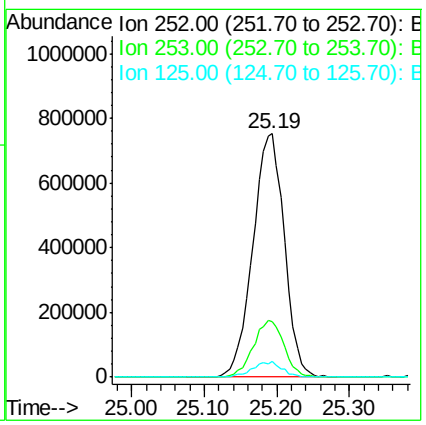


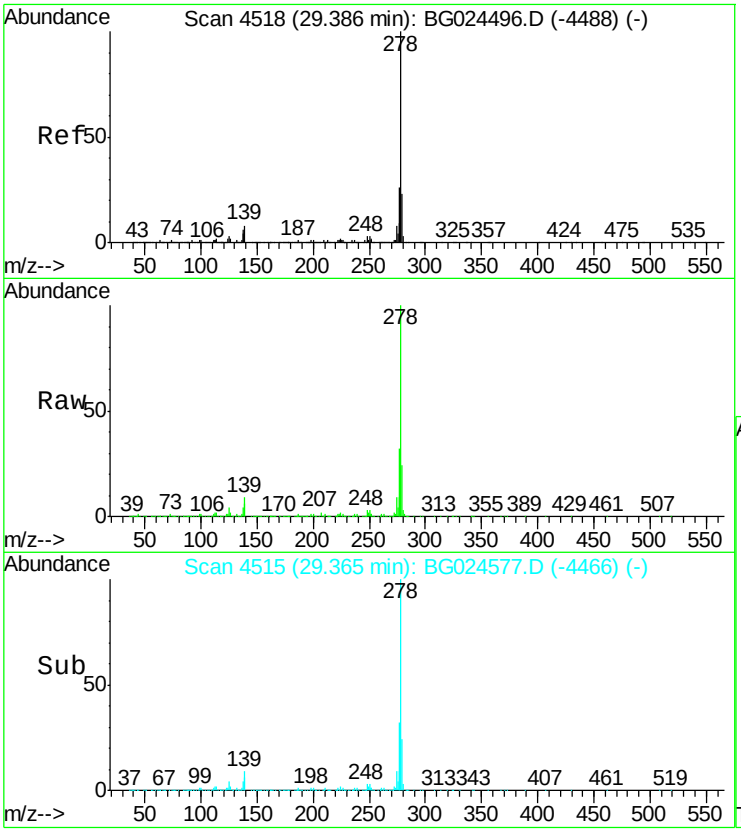




#89
Benzo(a)pyrene
Concen: 37.29 ng
RT: 25.19 min Scan# 3805
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:252 Resp: 2271792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 19.2 | 28.8 |
| 125 | 6.5 | 5.4 | 8.0 |



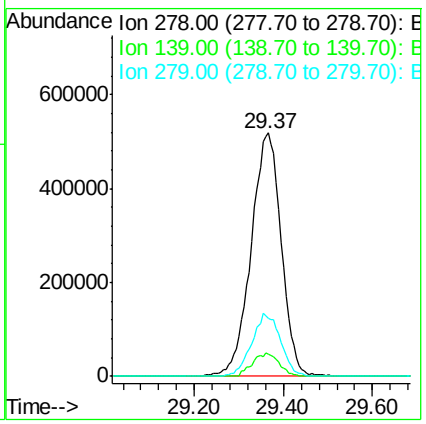


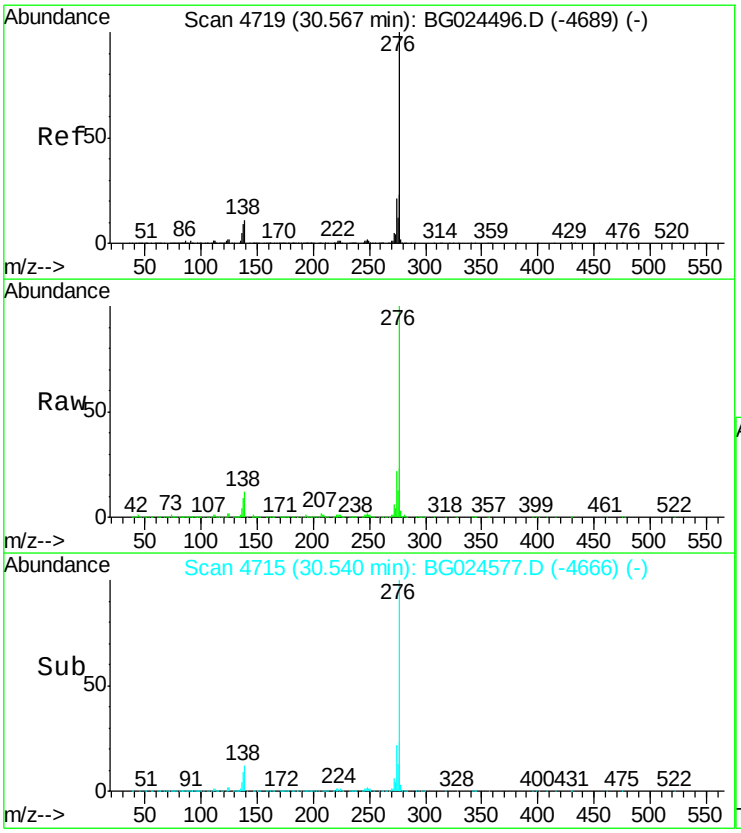

#90
Dibenzo(a,h)anthracene
Concen: 36.16 ng
RT: 29.37 min Scan# 4515
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

**Instrument :**
BNA_G
**ClientSampleId :**
PB94406BS

Tgt Ion:278 Resp: 2418081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.0 | 7.7 | 11.5 |
| 279 | 24.0 | 19.1 | 28.7 |




#91
Benzo(g,h,i)perylene
Concen: 36.03 ng
RT: 30.54 min Scan# 4715
Delta R.T. -0.01 min
Lab File: BG024577.D
Acq: 1 Nov 2016 5:04

Tgt Ion:276 Resp: 2406598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 18.6 | 27.8 |
| 138 | 11.5 | 8.1 | 12.1 |