Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020120.D
Acq On : 12 Dec 2015 00:01
Operator : UM/SJ
Sample : PB87210BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB87210BS

Quant Time: Dec 12 02:31:25 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.10 | 152 | 23427 | 20.00 | ng | | -0.04 |
| 21) Naphthalene-d8 | 10.92 | 136 | 101139 | 20.00 | ng | | -0.04 |
| 38) Acenaphthene-d10 | 14.73 | 164 | 73409 | 20.00 | ng | | -0.04 |
| 63) Phenanthrene-d10 | 17.47 | 188 | 197722 | 20.00 | ng | | -0.04 |
| 75) Chrysene-d12 | 21.75 | 240 | 222055 | 20.00 | ng | | -0.05 |
| 86) Perylene-d12 | 25.01 | 264 | 212387 | 20.00 | ng | | -0.08 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.65 | 112 | 102790 | 79.30 | ng | | -0.02 |
| 7) Phenol-d6 | 7.26 | 99 | 149254 | 76.26 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.27 | 82 | 139215 | 70.25 | ng | | -0.03 |
| 41) 2,4,6-Tribromophenol | 16.22 | 330 | 83263 | 74.13 | ng | | -0.03 |
| 44) 2-Fluorobiphenyl | 13.36 | 172 | 354175 | 65.88 | ng | | -0.04 |
| 78) Terphenyl-d14 | 20.07 | 244 | 654996 | 71.95 | ng | | -0.04 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.51 | 88 | 14599 | 28.91 | ng | # | 100 |
| 3) Pyridine | 3.91 | 79 | 46267 | 30.17 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 3.83 | 42 | 24617 | 30.52 | ng | | 85 |
| 6) Aniline | 7.42 | 93 | 55350 | 21.84 | ng | # | 89 |
| 8) 2-Chlorophenol | 7.66 | 128 | 57829 | 36.59 | ng | | 97 |
| 9) Benzaldehyde | 7.23 | 77 | 29635 | 22.71 | ng | | 96 |
| 10) Phenol | 7.28 | 94 | 77920 | 37.83 | ng | | 78 |
| 11) bis(2-Chloroethyl)ether | 7.51 | 93 | 51418 | 33.71 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.99 | 146 | 58271 | 32.53 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 8.14 | 146 | 59246 | 32.02 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.45 | 146 | 57213 | 32.42 | ng | | 95 |
| 15) Benzyl Alcohol | 8.33 | 79 | 59079 | 34.40 | ng | # | 88 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63 | 45 | 74098 | 29.78 | ng | | 93 |
| 17) 2-Methylphenol | 8.54 | 107 | 53630 | 36.88 | ng | # | 93 |
| 18) Hexachloroethane | 9.19 | 117 | 21980 | 31.72 | ng | | 89 |
| 19) n-Nitroso-di-n-propylamine | 8.91 | 70 | 48509 | 31.43 | ng | | 97 |
| 20) 3+4-Methylphenols | 8.87 | 107 | 73725 | 36.01 | ng | | 93 |
| 22) Acetophenone | 8.92 | 105 | 88696 | 31.99 | ng | # | 93 |
| 24) Nitrobenzene | 9.31 | 77 | 72080 | 33.53 | ng | | 93 |
| 25) Isophorone | 9.83 | 82 | 135259 | 31.84 | ng | # | 97 |
| 26) 2-Nitrophenol | 10.02 | 139 | 33316 | 40.13 | ng | # | 79 |
| 27) 2,4-Dimethylphenol | 10.08 | 122 | 62476 | 36.14 | ng | | 91 |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93 | 74834 | 36.05 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.56 | 162 | 68418 | 38.74 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.78 | 180 | 64756 | 32.44 | ng | | 96 |
| 31) Naphthalene | 10.97 | 128 | 180203 | 33.26 | ng | | 98 |
| 32) Benzoic acid | 10.21 | 122 | 50197 | 43.70 | ng | | 91 |
| 33) 4-Chloroaniline | 11.07 | 127 | 26745 | 11.20 | ng | # | 92 |
| 34) Hexachlorobutadiene | 11.25 | 225 | 46470 | 31.56 | ng | | 94 |
| 35) Caprolactam | 11.85 | 113 | 16407 | 24.95 | ng | | 85 |
| 36) 4-Chloro-3-methylphenol | 12.19 | 107 | 79859 | 36.31 | ng | | 92 |
| 37) 2-Methylnaphthalene | 12.57 | 142 | 137513 | 34.63 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216 | 89770 | 32.22 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 12.91 | 237 | 118407 | 74.54 | ng | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020120.D
Acq On : 12 Dec 2015 00:01
Operator : UM/SJ
Sample : PB87210BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB87210BS

Quant Time: Dec 12 02:31:25 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.17 | 196 | 66056 | 35.82 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 13.24 | 196 | 73369 | 37.64 | ng | | 97 |
| 45) 1,1'-Biphenyl | 13.57 | 154 | 189636 | 31.48 | ng | | 100 |
| 46) 2-Chloronaphthalene | 13.61 | 162 | 150635 | 32.44 | ng | | 97 |
| 47) 2-Nitroaniline | 13.81 | 65 | 54932 | 37.45 | ng | | 92 |
| 48) Acenaphthylene | 14.45 | 152 | 255596 | 32.31 | ng | | 99 |
| 49) Dimethylphthalate | 14.18 | 163 | 220718 | 33.42 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.30 | 165 | 47859 | 38.55 | ng | # | 83 |
| 51) Acenaphthene | 14.79 | 154 | 151035 | 31.47 | ng | | 96 |
| 52) 3-Nitroaniline | 14.63 | 138 | 25980 | 20.14 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 14.84 | 184 | 65681 | 97.17 | ng | | 90 |
| 54) Dibenzofuran | 15.13 | 168 | 257564 | 36.07 | ng | | 93 |
| 55) 4-Nitrophenol | 14.94 | 139 | 85410 | 76.03 | ng | # | 68 |
| 56) 2,4-Dinitrotoluene | 15.09 | 165 | 70725 | 40.83 | ng | # | 94 |
| 57) Fluorene | 15.78 | 166 | 209977 | 32.86 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.35 | 232 | 73269 | 40.61 | ng | | 95 |
| 59) Diethylphthalate | 15.54 | 149 | 230222 | 32.21 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.76 | 204 | 118218 | 32.22 | ng | | 96 |
| 61) 4-Nitroaniline | 15.79 | 138 | 52569 | 36.24 | ng | # | 75 |
| 62) Azobenzene | 16.06 | 77 | 203452 | 34.21 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 15.85 | 198 | 46896 | 42.95 | ng | | 93 |
| 65) n-Nitrosodiphenylamine | 15.98 | 169 | 197330 | 34.49 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.66 | 248 | 82188 | 33.45 | ng | | 98 |
| 67) Hexachlorobenzene | 16.78 | 284 | 88275 | 34.49 | ng | | 93 |
| 68) Atrazine | 16.92 | 200 | 84617 | 34.04 | ng | | 97 |
| 69) Pentachlorophenol | 17.12 | 266 | 112935 | 75.60 | ng | | 93 |
| 70) Phenanthrene | 17.51 | 178 | 378056 | 33.79 | ng | | 97 |
| 71) Anthracene | 17.60 | 178 | 384055 | 33.71 | ng | | 97 |
| 72) Carbazole | 17.87 | 167 | 339312 | 33.80 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.42 | 149 | 400081 | 32.52 | ng | | 98 |
| 74) Fluoranthene | 19.52 | 202 | 478181 | 33.42 | ng | | 93 |
| 76) Benzidine | 19.69 | 184 | 212375 | 29.12 | ng | | 97 |
| 77) Pyrene | 19.88 | 202 | 488483 | 37.39 | ng | | 95 |
| 79) Butylbenzylphthalate | 20.75 | 149 | 175873 | 34.35 | ng | | 99 |
| 80) Benzo(a)anthracene | 21.72 | 228 | 474889 | 34.94 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 21.63 | 252 | 108952 | 21.05 | ng | | 98 |
| 82) Chrysene | 21.79 | 228 | 423768 | 32.84 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 249438 | 33.19 | ng | | 96 |
| 84) Di-n-octyl phthalate | 22.84 | 149 | 433596 | 35.49 | ng | # | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 28.74 | 276 | 526587 | 37.04 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 23.97 | 252 | 463453 | 34.43 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 24.04 | 252 | 433152 | 32.49 | ng | # | 94 |
| 89) Benzo(a)pyrene | 24.86 | 252 | 440783 | 34.49 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 28.80 | 278 | 435976 | 34.53 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 29.91 | 276 | 429238 | 34.62 | ng | # | 91 |

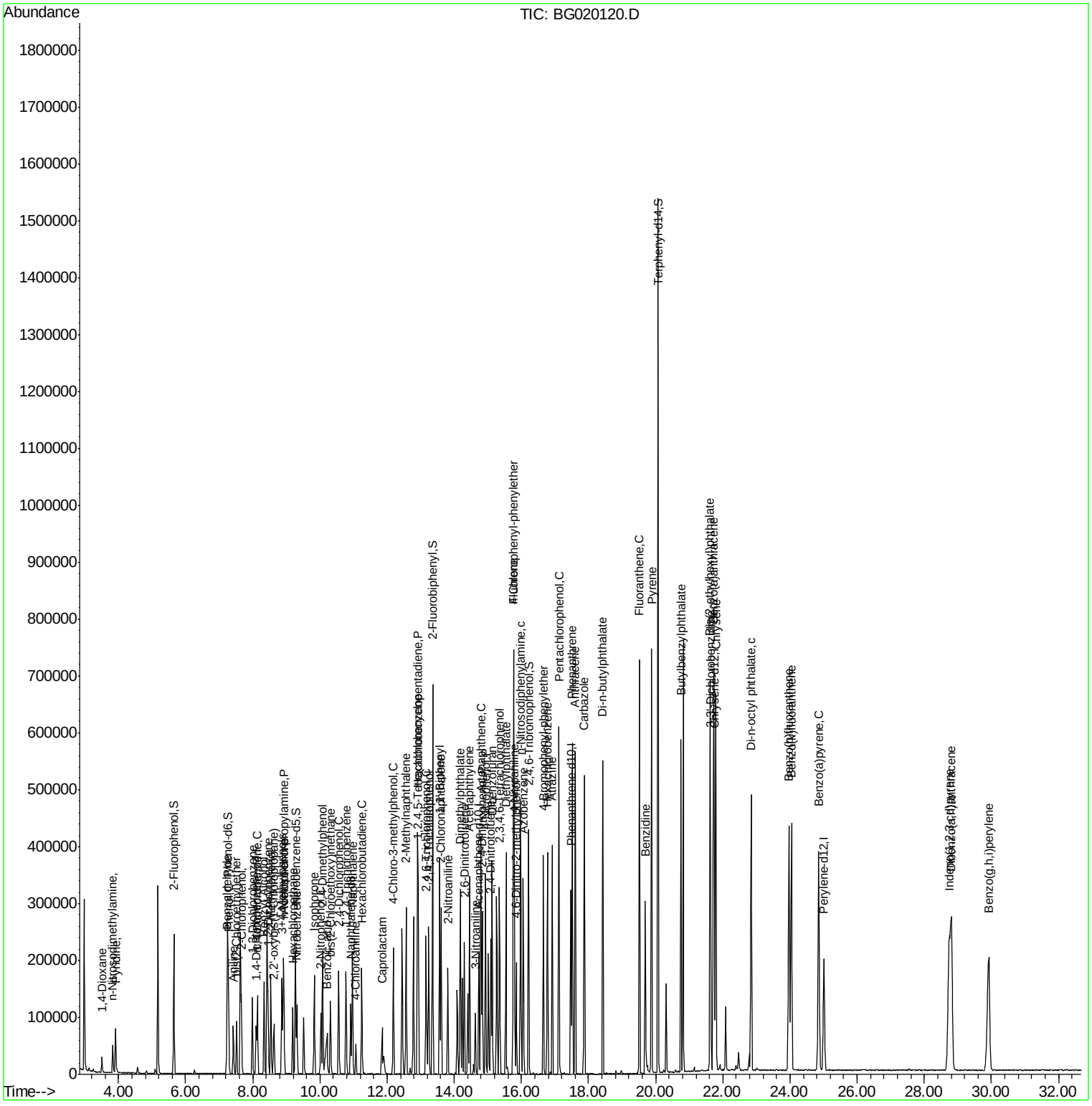
(#) = qualifier out of range (m) = manual integration (+) = signals summed

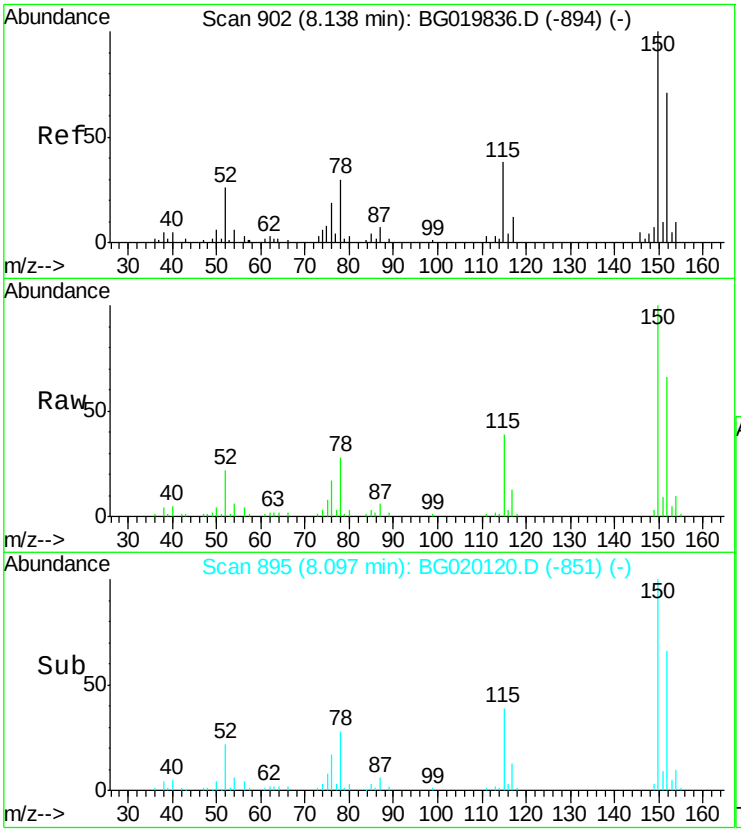
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020120.D
Acq On : 12 Dec 2015 00:01
Operator : UM/SJ
Sample : PB87210BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Quant Time: Dec 12 02:31:25 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration



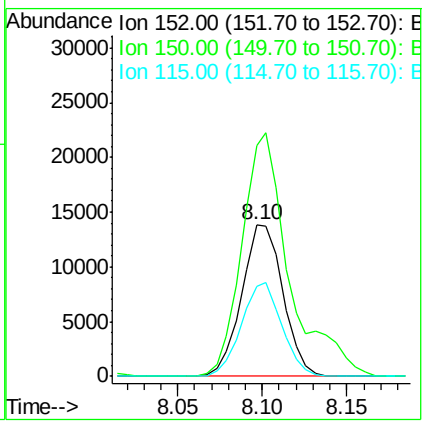


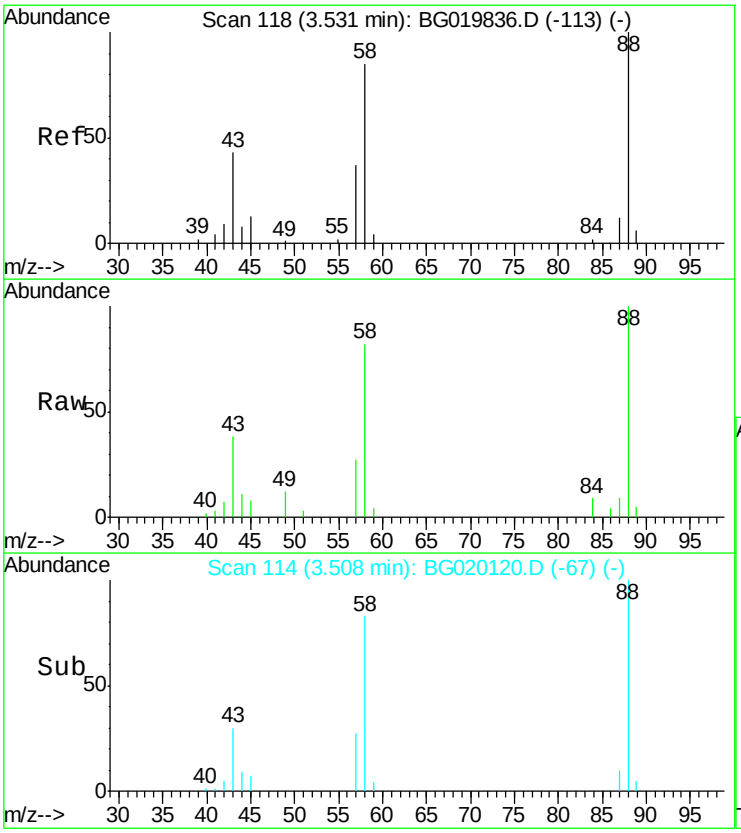

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 895
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:152 Resp: 23427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.6 | 115.0 | 172.4 |
| 115 | 59.8 | 43.9 | 65.9 |

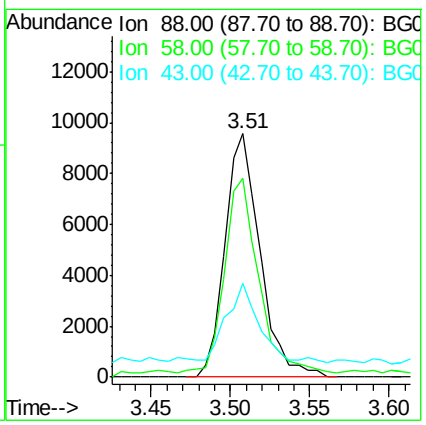


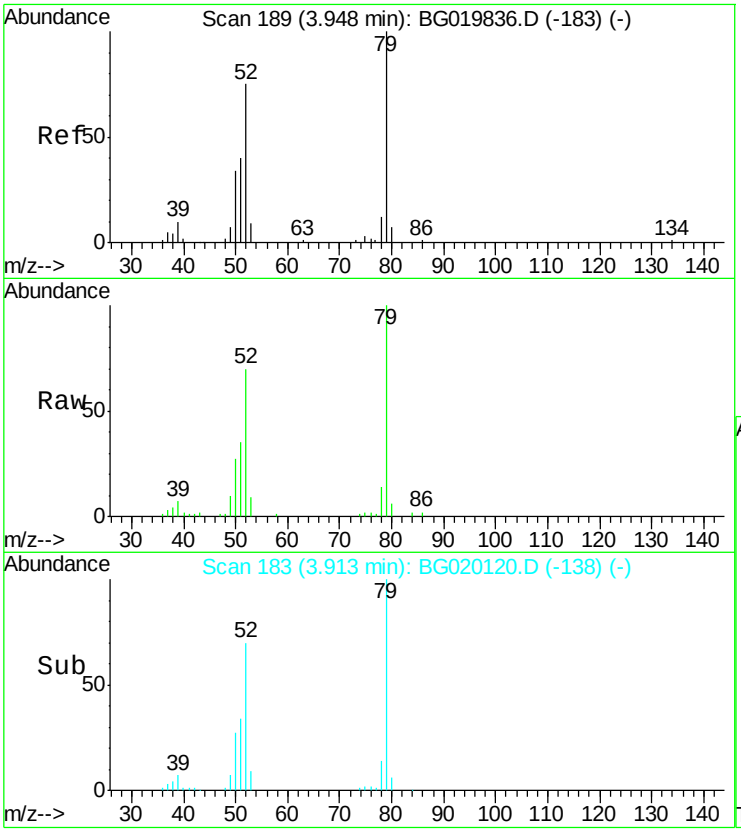




#2
1,4-Dioxane
Concen: 28.91 ng
RT: 3.51 min Scan# 114
Delta R.T. -0.02 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion: 88 Resp: 14599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.6 | 0.0 | 0.0# |
| 43 | 28.2 | 0.0 | 0.0# |



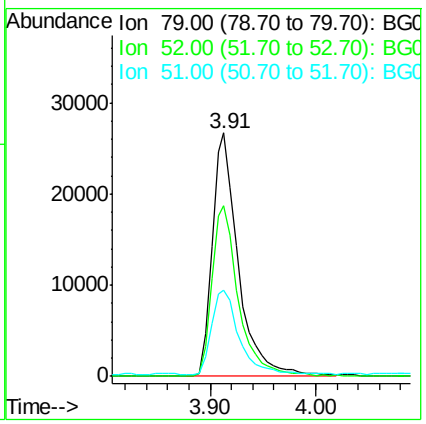


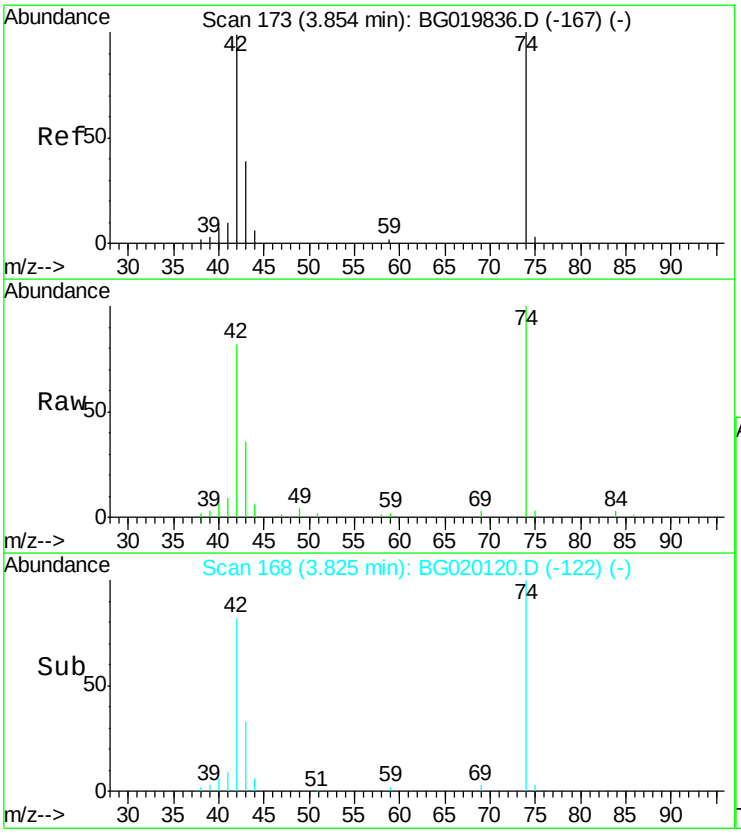

#3
Pyridine
Concen: 30.17 ng
RT: 3.91 min Scan# 183
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion: 79 Resp: 46267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 70.0 | 50.3 | 75.5 |
| 51 | 35.4 | 24.8 | 37.2 |

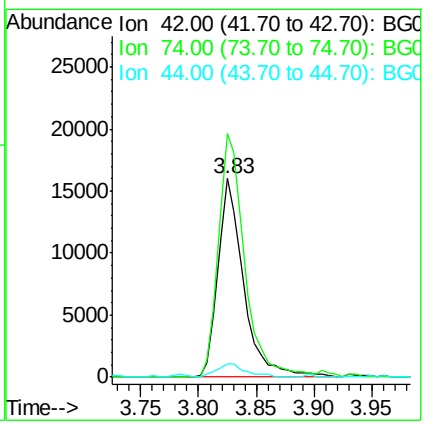


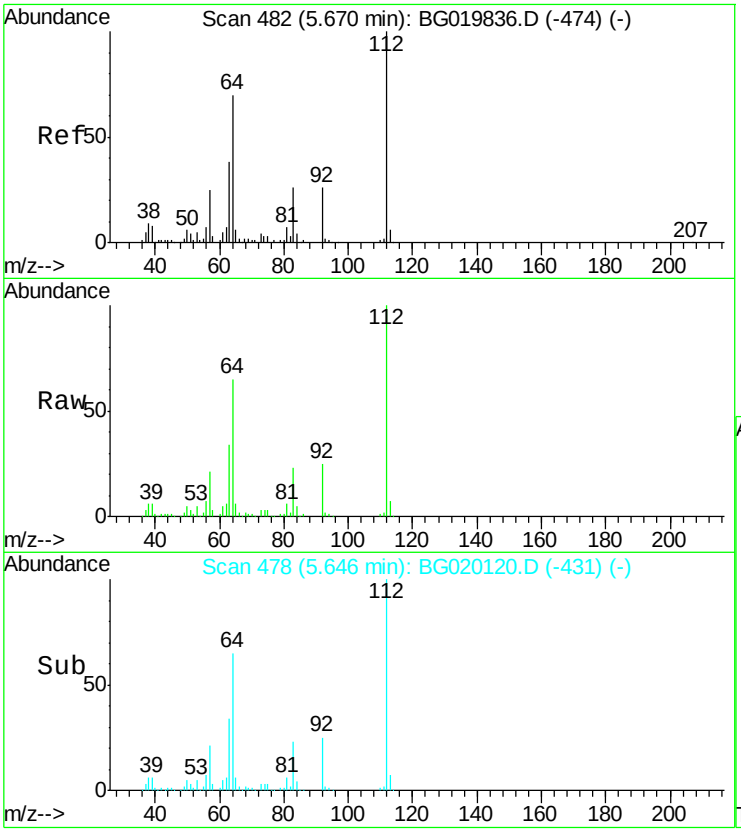




#4
n-Nitrosodimethylamine
Concen: 30.52 ng
RT: 3.83 min Scan# 168
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion: 42 Resp: 24617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 122.7 | 113.9 | 170.9 |
| 44 | 6.9 | 5.7 | 8.5 |



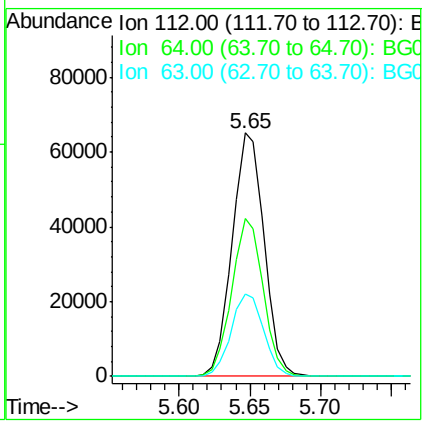


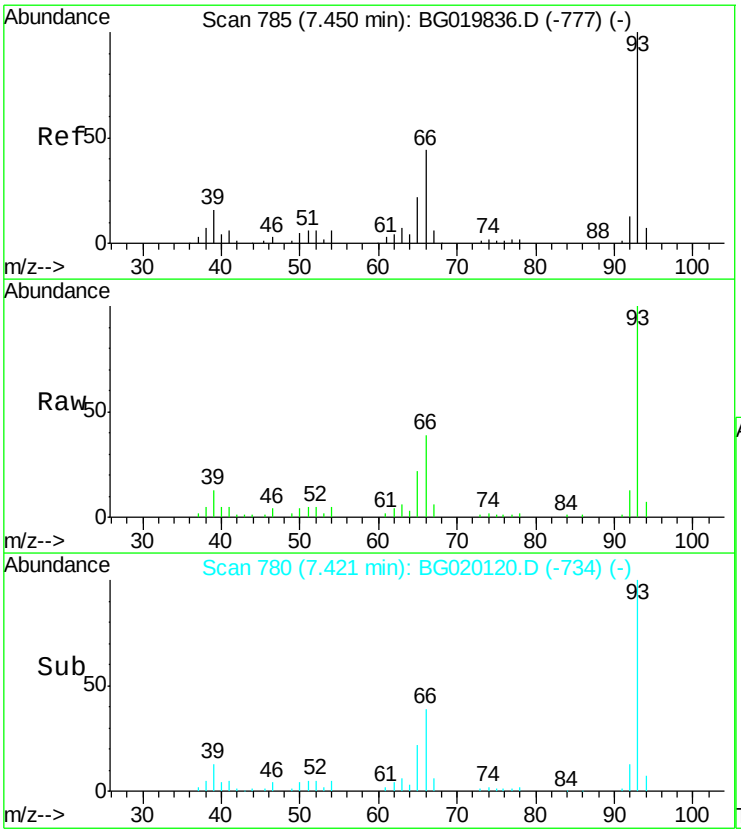

#5
2-Fluorophenol
Concen: 79.30 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:112 Resp: 102790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.9 | 43.7 | 65.5 |
| 63 | 33.8 | 24.0 | 36.0 |

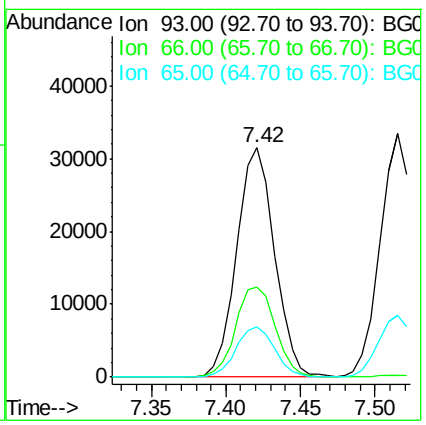


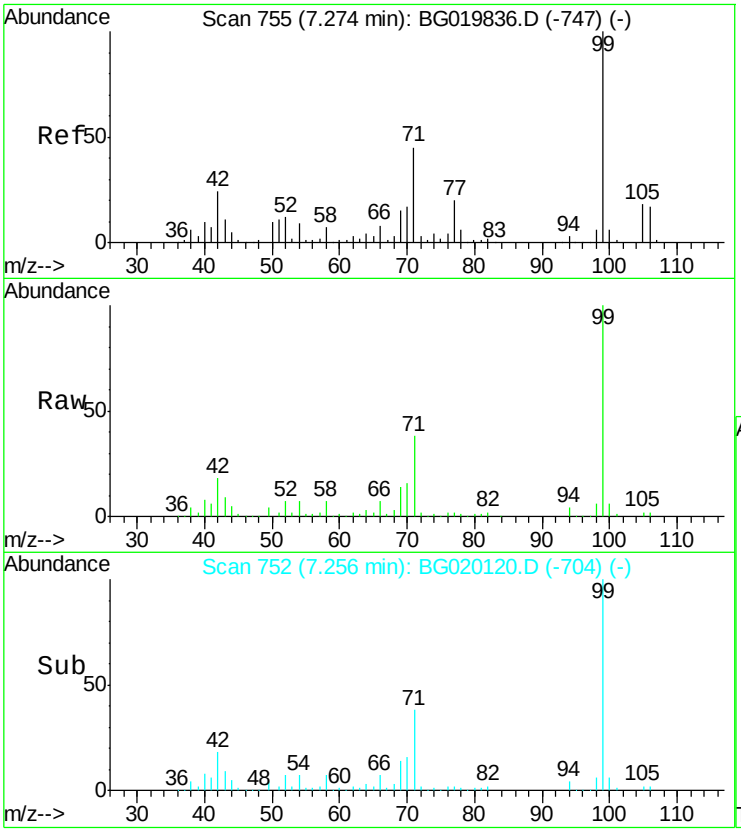




#6
Aniline
Concen: 21.84 ng
RT: 7.42 min Scan# 780
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion: 93 Resp: 55350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 39.1 | 26.2 | 39.2 |
| 65 | 21.8 | 14.0 | 21.0# |



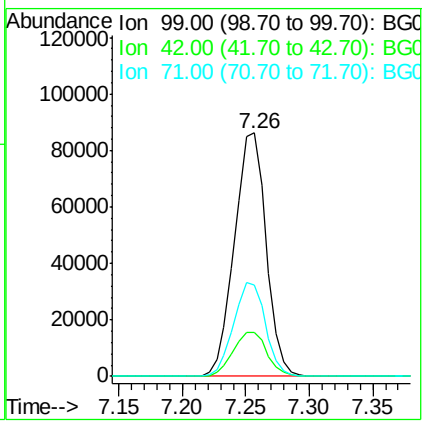


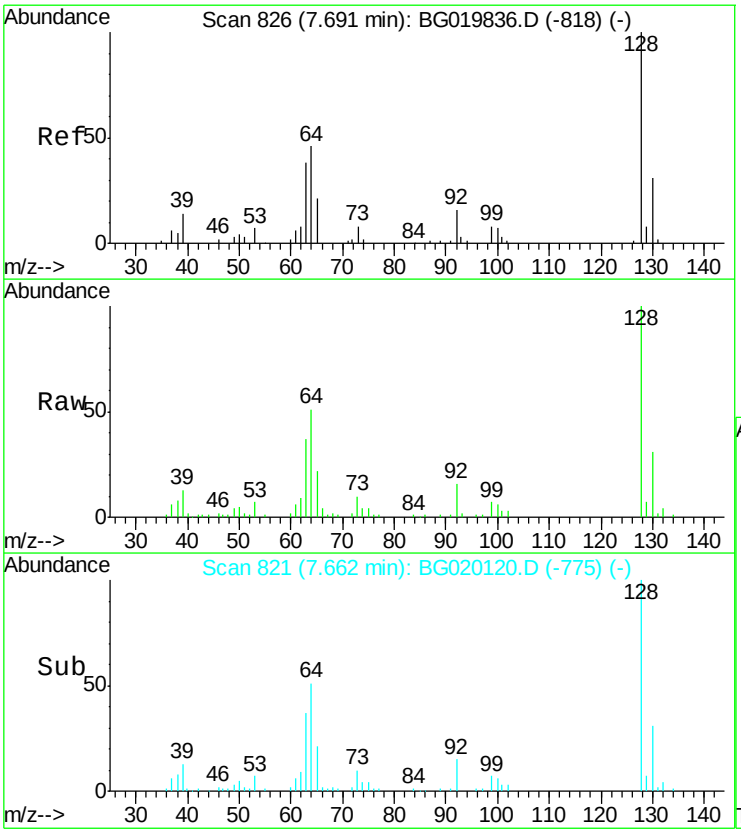

#7
Phenol-d6
Concen: 76.26 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion: 99 Resp: 149254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.2 | 11.5 | 17.3# |
| 71 | 37.5 | 22.6 | 34.0# |

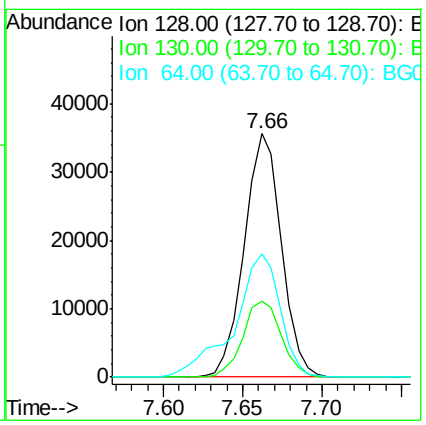


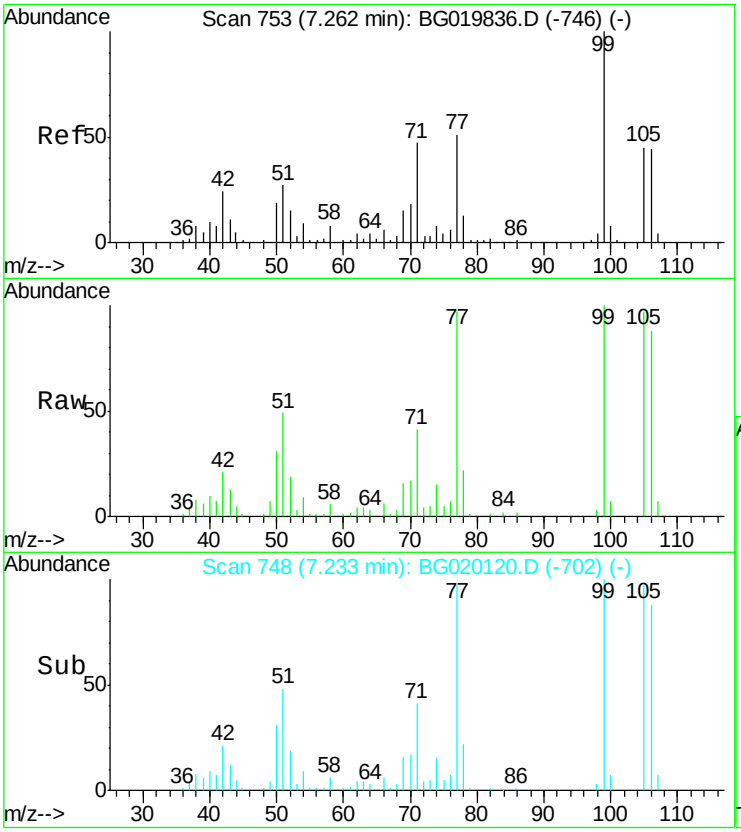




#8
2-Chlorophenol
Concen: 36.59 ng
RT: 7.66 min Scan# 821
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:128 Resp: 57829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.3 | 13.0 | 53.0 |
| 64 | 50.5 | 28.2 | 68.2 |



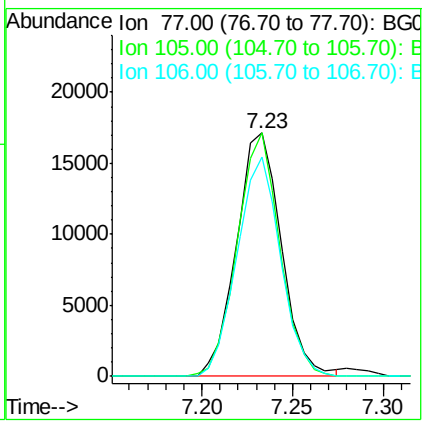


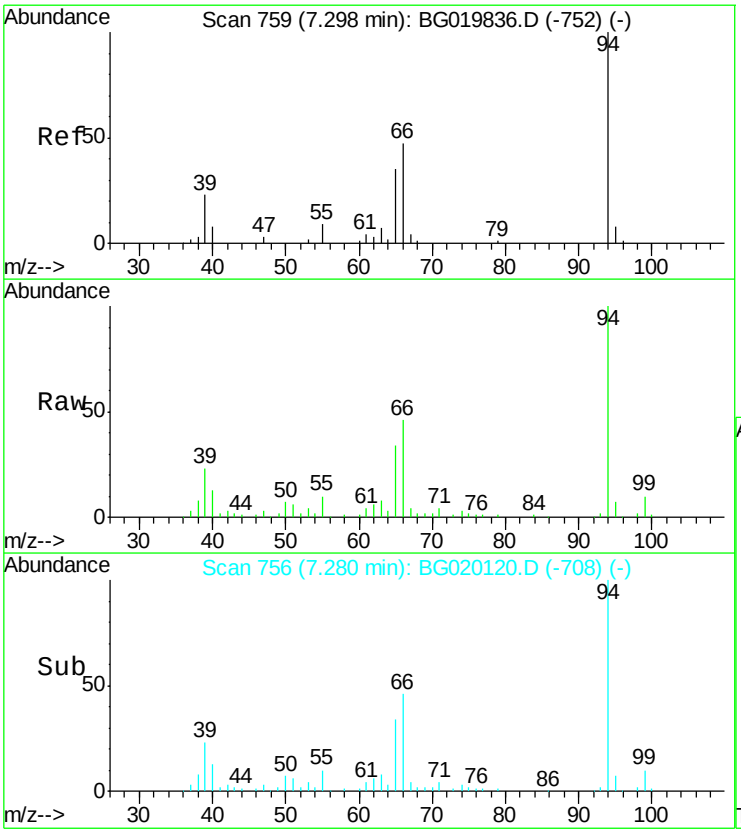

#9
Benzaldehyde
Concen: 22.71 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion: 77 Resp: 29635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.0 | 77.7 | 117.7 |
| 106 | 90.1 | 75.8 | 115.8 |

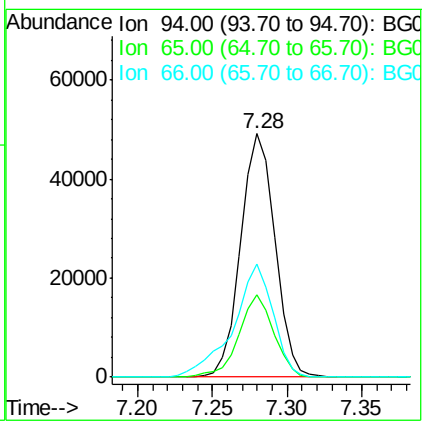


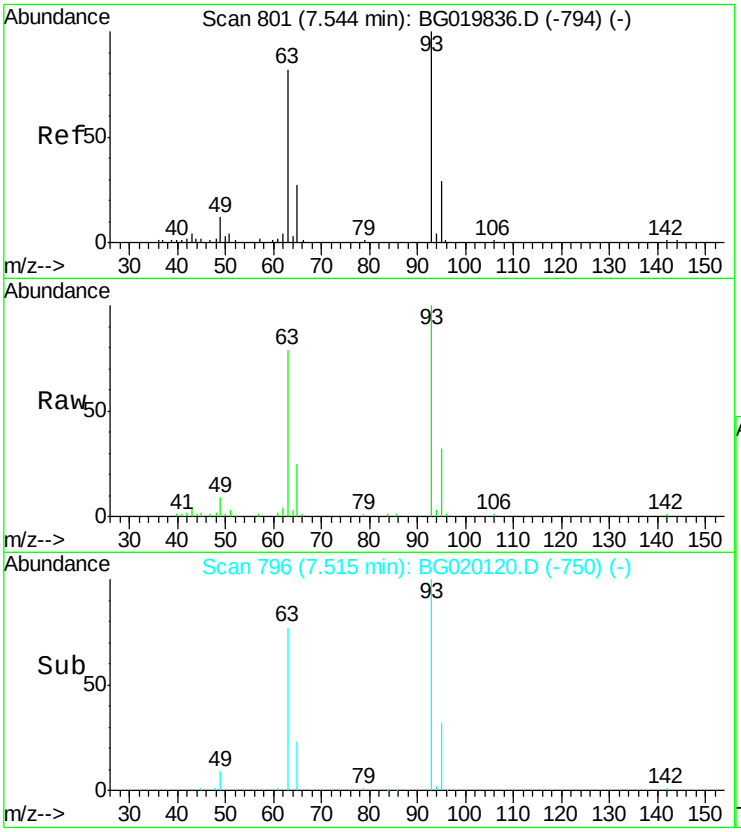




#10
Phenol
Concen: 37.83 ng
RT: 7.28 min Scan# 756
Delta R.T. -0.02 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion: 94 Resp: 77920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.8 | 5.4 | 45.4 |
| 66 | 46.2 | 11.8 | 51.8 |



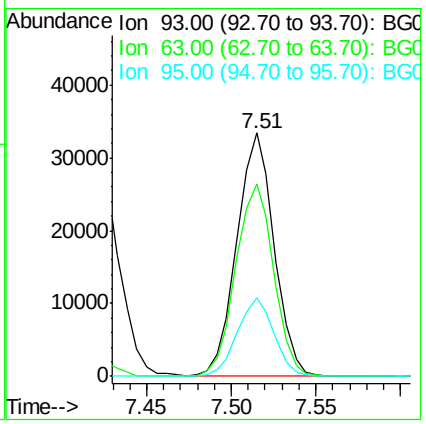


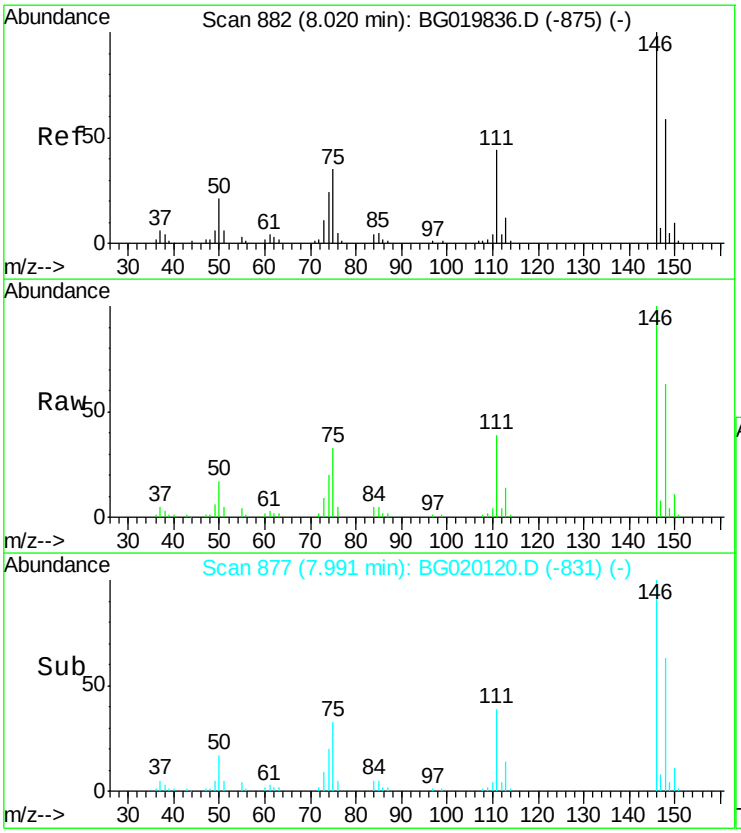

#11
bis(2-Chloroethyl)ether
Concen: 33.71 ng
RT: 7.51 min Scan# 796
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion: 93 Resp: 51418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.0 | 50.5 | 90.5 |
| 95 | 32.1 | 12.2 | 52.2 |

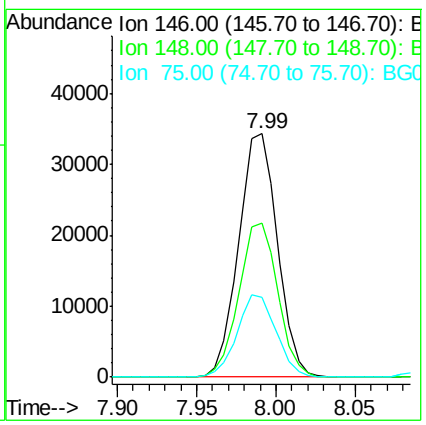


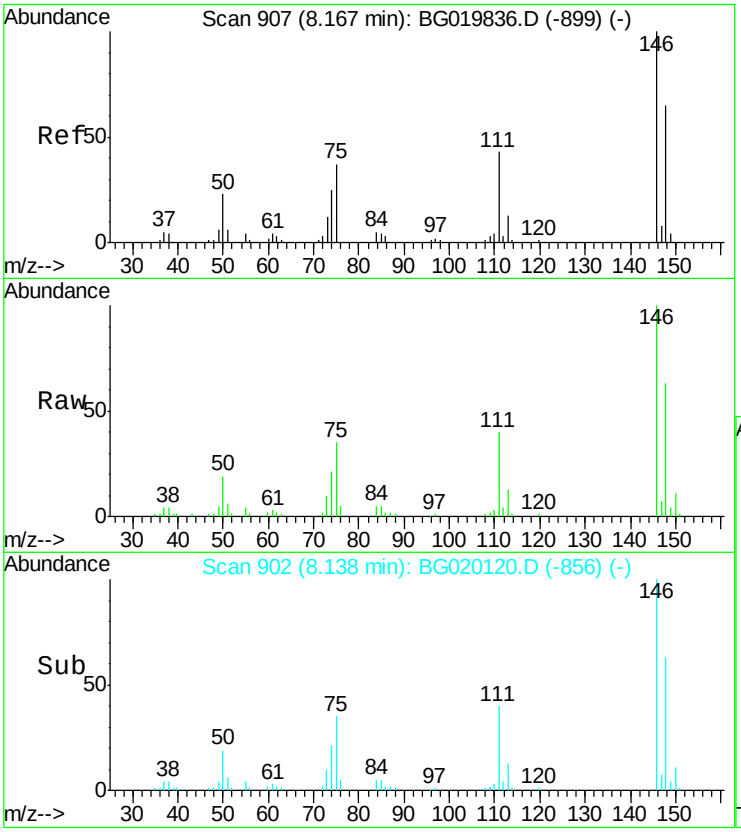




#12
1,3-Dichlorobenzene
Concen: 32.53 ng
RT: 7.99 min Scan# 877
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:146 Resp: 58271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 53.4 | 80.0 |
| 75 | 32.9 | 21.1 | 31.7# |



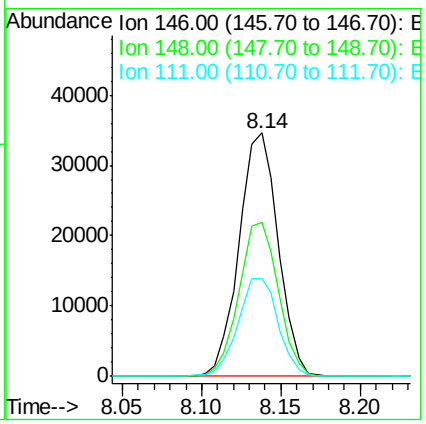


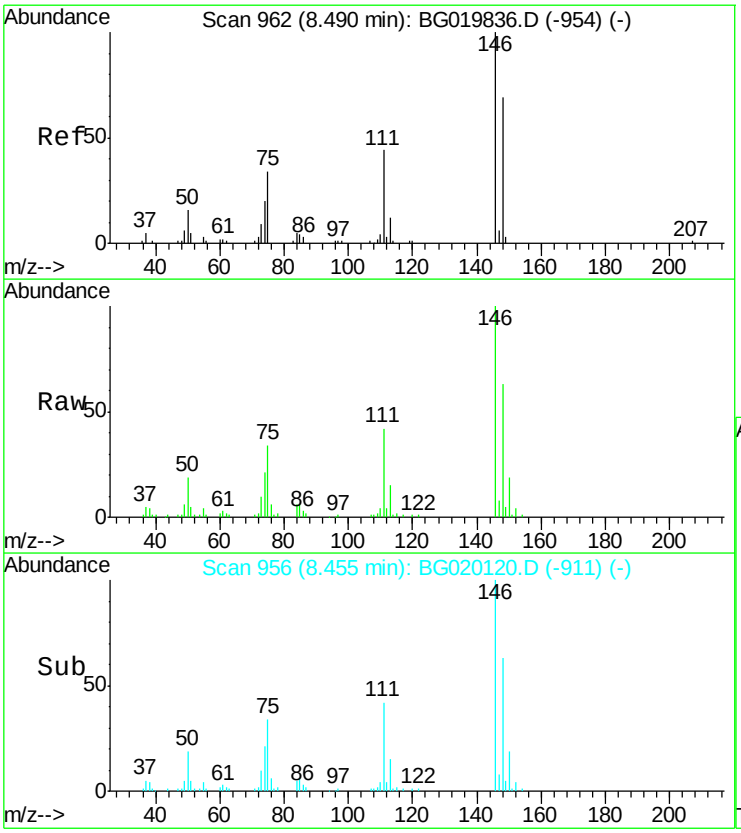

#13
1,4-Dichlorobenzene
Concen: 32.02 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:146 Resp: 59246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 52.5 | 78.7 |
| 111 | 40.0 | 28.3 | 42.5 |

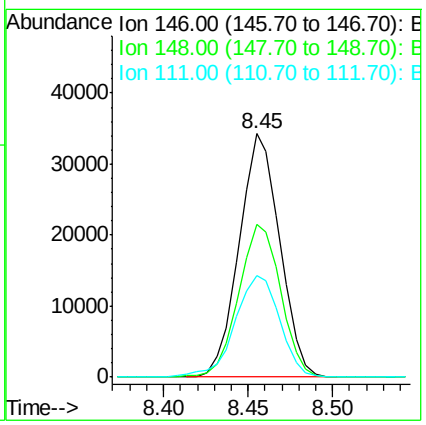


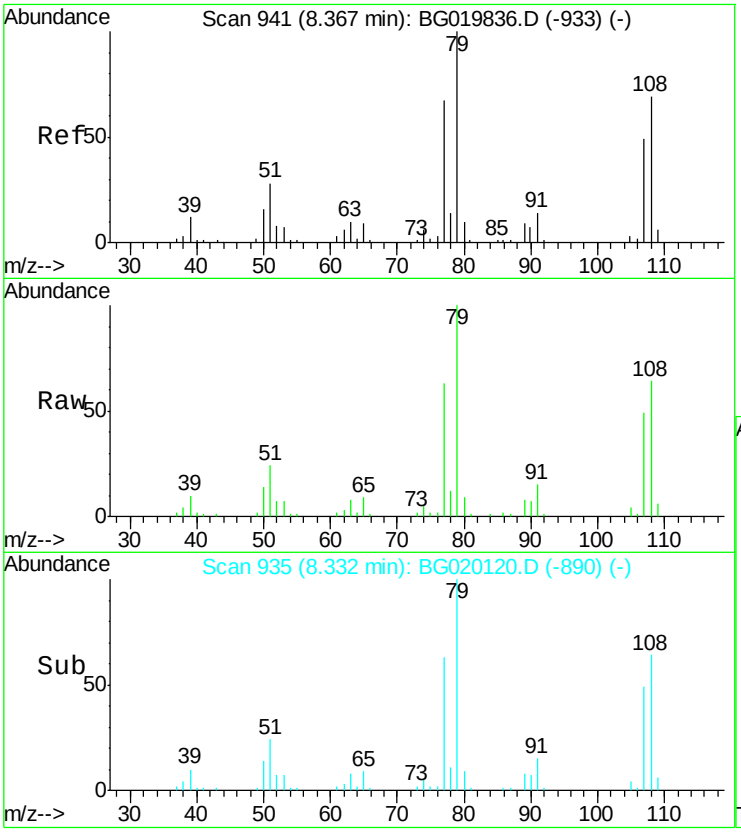




#14
1,2-Dichlorobenzene
Concen: 32.42 ng
RT: 8.45 min Scan# 956
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:146 Resp: 57213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.7 | 52.5 | 78.7 |
| 111 | 41.7 | 29.9 | 44.9 |



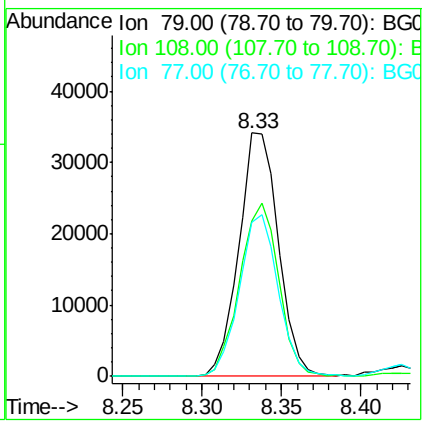


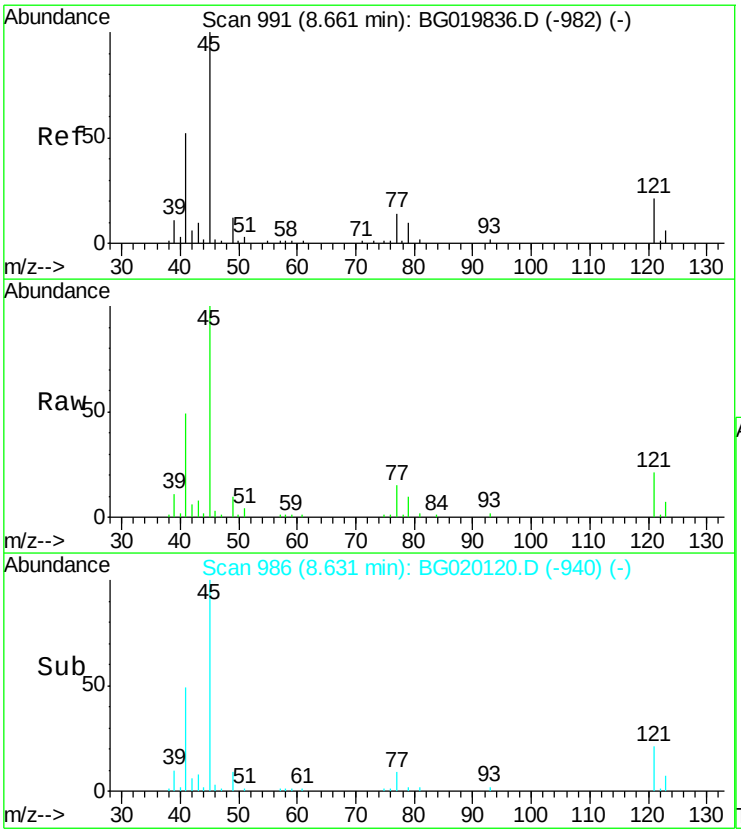

#15
Benzyl Alcohol
Concen:  34.40 ng
RT: 8.33 min  Scan# 935
Delta R.T.  -0.04 min
Lab File:  BG020120.D
Acq: 12 Dec 2015  00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion: 79 Resp:  59079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 63.9 | 65.5 | 98.3# |
| 77 | 63.2 | 51.3 | 76.9 |

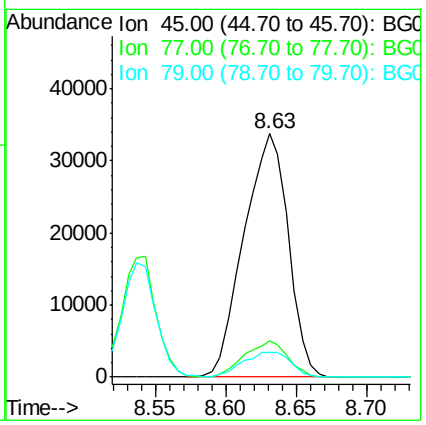


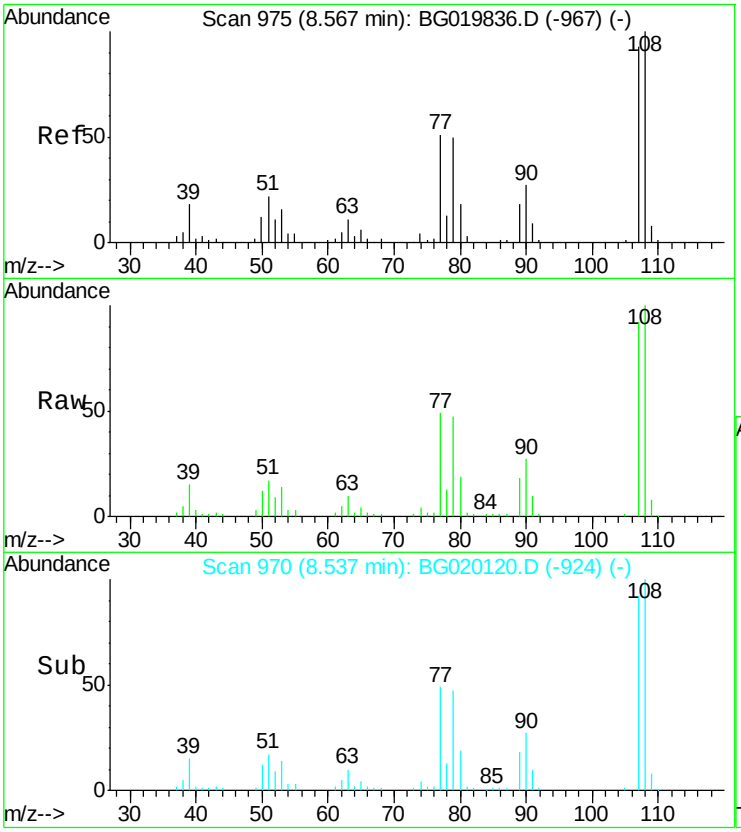




#16
2,2'-oxybis(1-Chloropropane)
Concen:  29.78 ng
RT: 8.63 min  Scan# 986
Delta R.T.  -0.03 min
Lab File:  BG020120.D
Acq: 12 Dec 2015  00:01

Tgt Ion: 45 Resp:  74098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.9 | 0.0 | 37.0 |
| 79 | 10.2 | 0.0 | 33.8 |



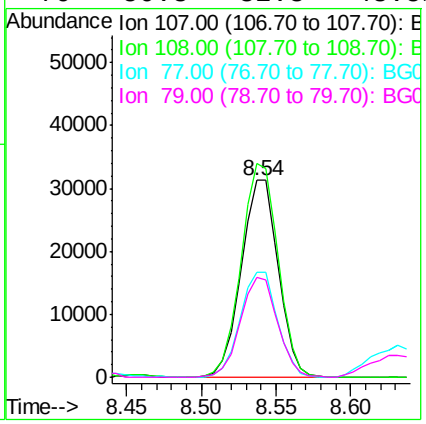


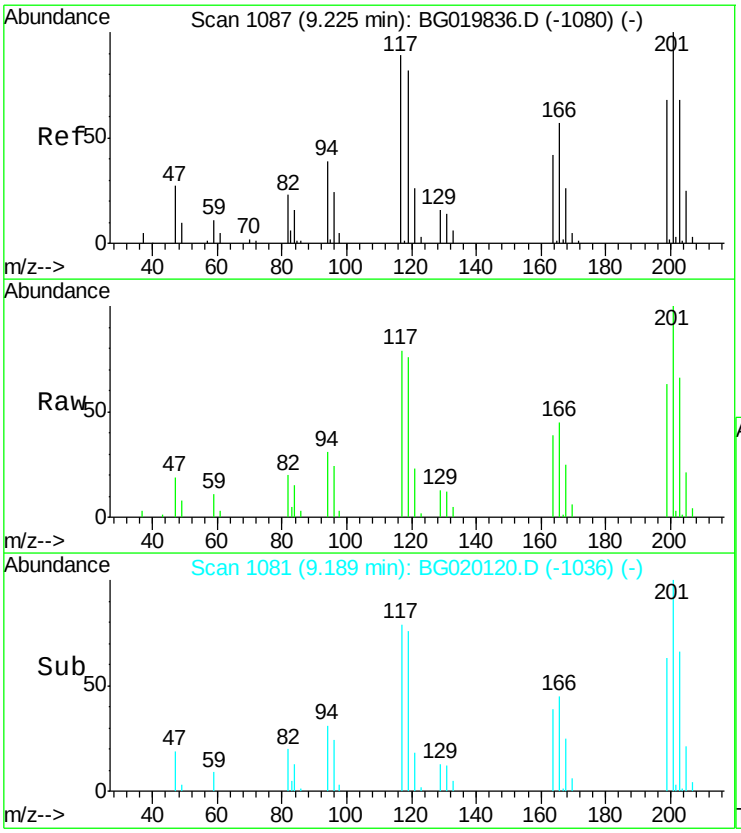

#17
2-Methylphenol
Concen: 36.88 ng
RT: 8.54 min Scan# 970
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:107 Resp: 53630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 108.4 | 86.5 | 129.7 |
| 77 | 53.1 | 34.6 | 51.8# |
| 79 | 50.8 | 32.3 | 48.5# |

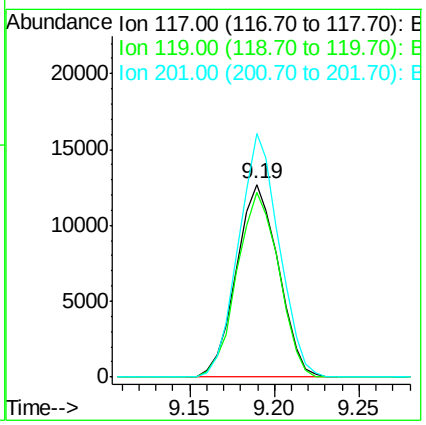


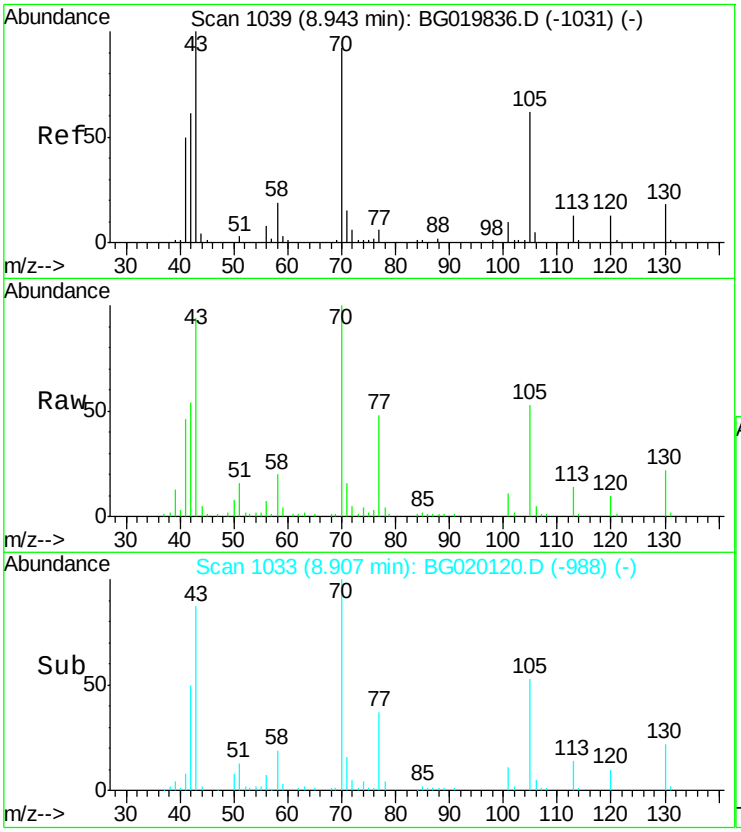




#18
Hexachloroethane
Concen: 31.72 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:117 Resp: 21980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.0 | 71.7 | 107.5 |
| 201 | 129.4 | 90.9 | 136.3 |



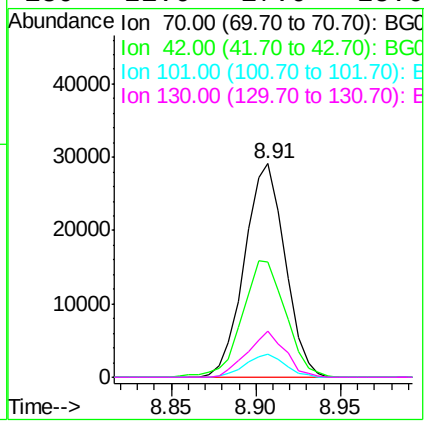


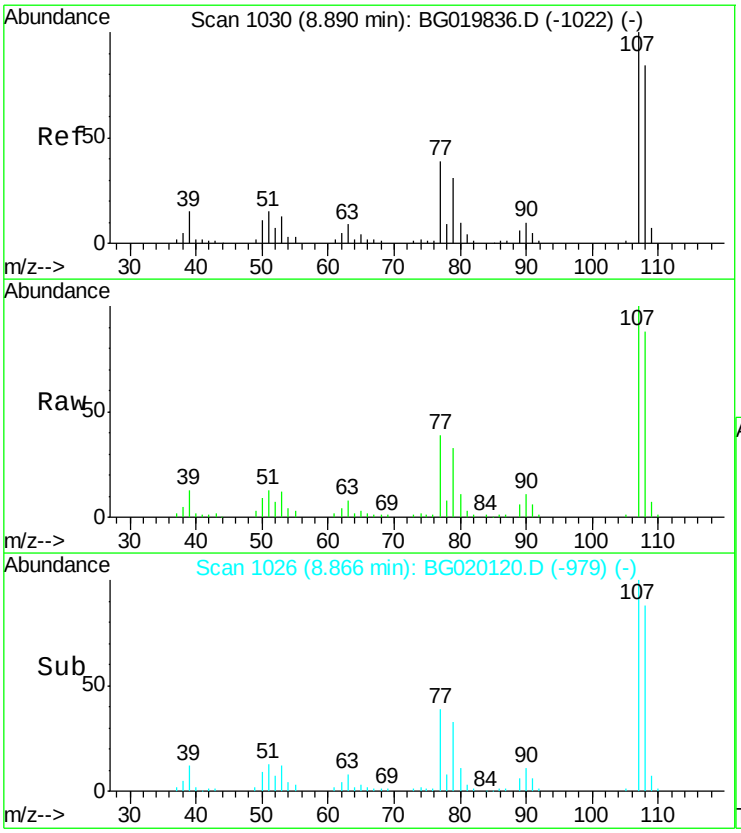

#19
n-Nitroso-di-n-propylamine
Concen: 31.43 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion: 70 Resp: 48509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.9 | 40.6 | 60.8 |
| 101 | 10.6 | 8.6 | 13.0 |
| 130 | 21.6 | 17.0 | 25.6 |

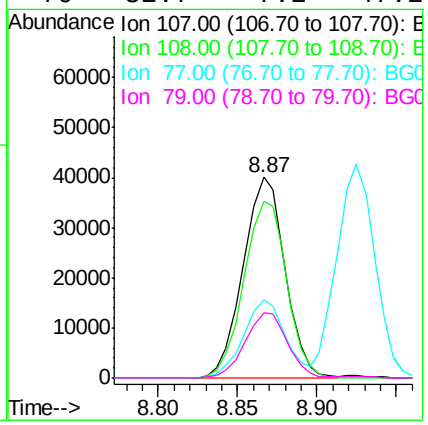


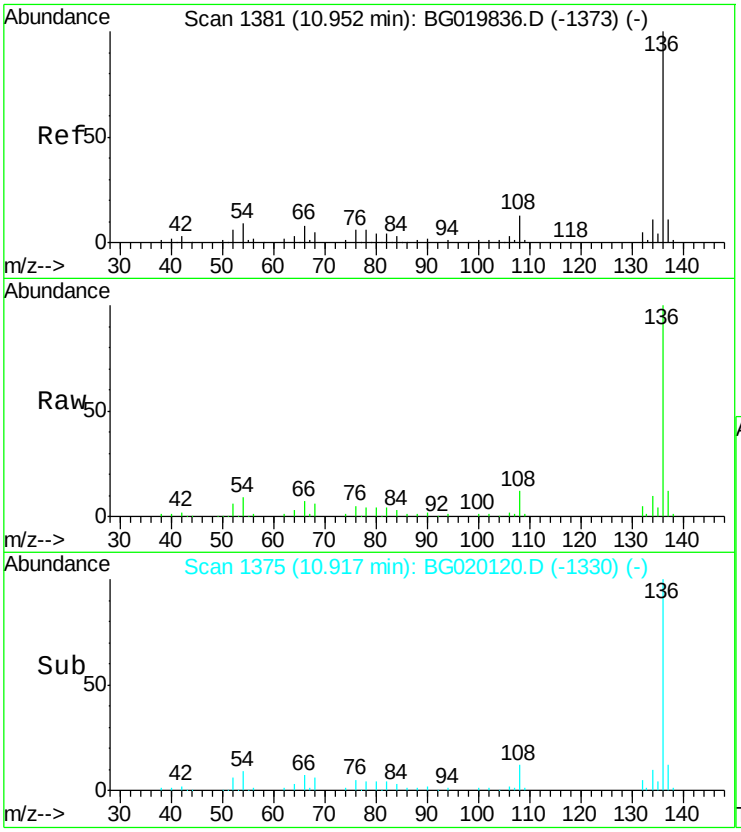




#20
3+4-Methylphenols
Concen: 36.01 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:107 Resp: 73725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.1 | 72.2 | 112.2 |
| 77 | 38.8 | 13.4 | 53.4 |
| 79 | 32.7 | 7.2 | 47.2 |



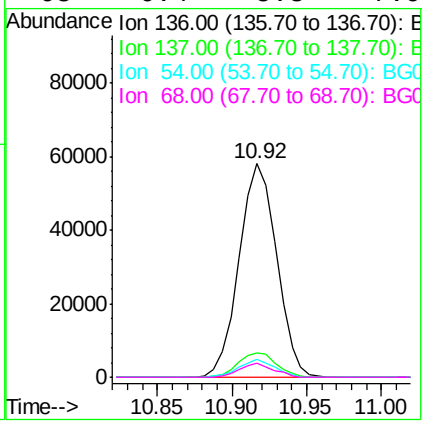


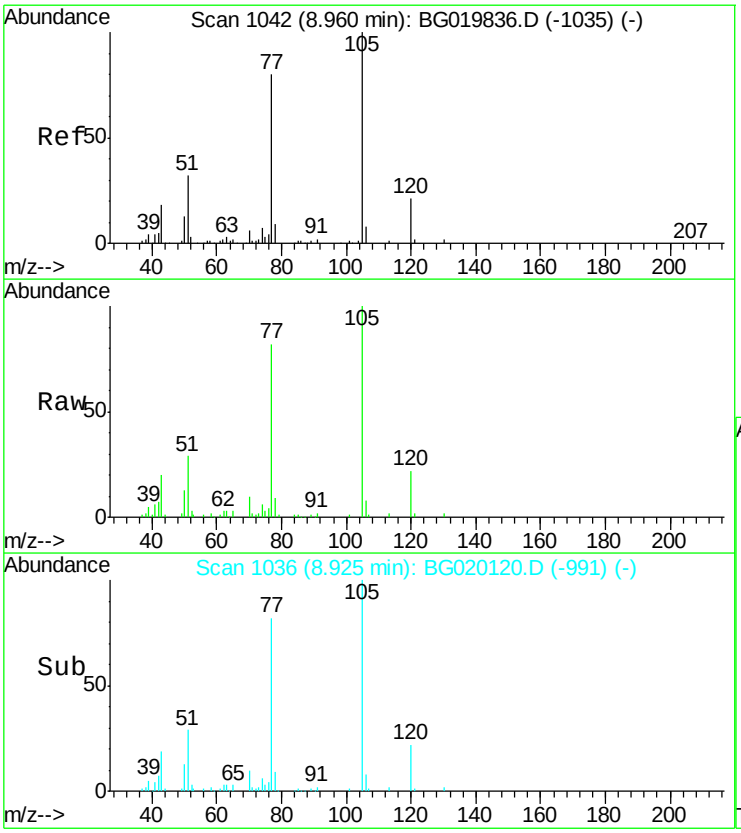

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:136 Resp: 101139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 8.6 | 12.8 |
| 54 | 8.5 | 5.4 | 8.2# |
| 68 | 6.4 | 5.3 | 7.9 |

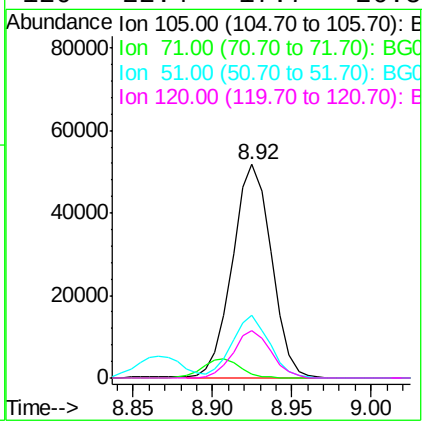


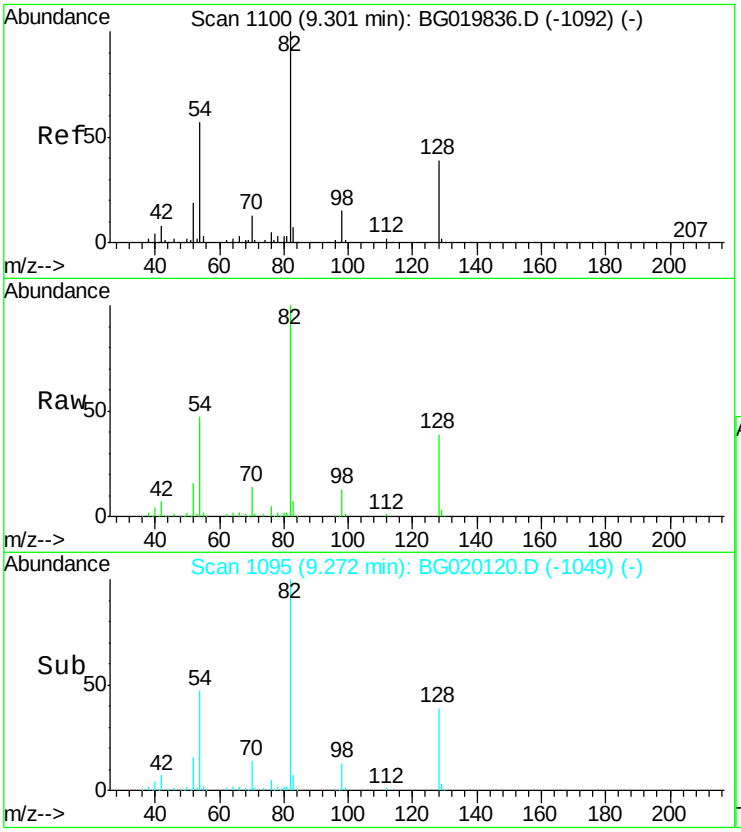




#22
Acetophenone
Concen: 31.99 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:105 Resp: 88696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.9 | 2.1 | 3.1# |
| 51 | 29.3 | 17.8 | 26.8# |
| 120 | 22.4 | 17.7 | 26.5 |



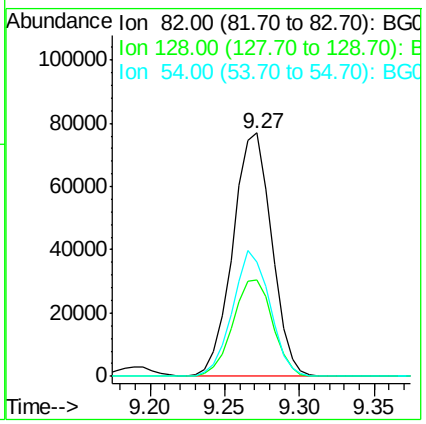


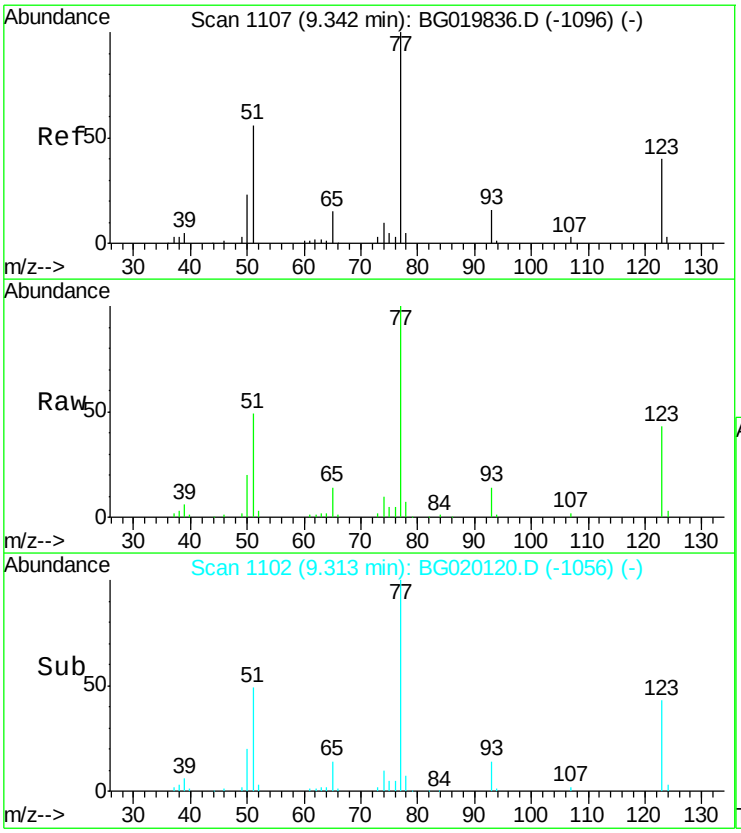

#23
Nitrobenzene-d5
Concen: 70.25 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion: 82 Resp: 139215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.4 | 36.7 | 55.1 |
| 54 | 46.9 | 33.8 | 50.8 |

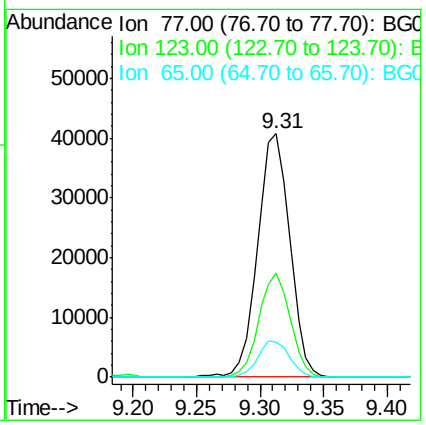


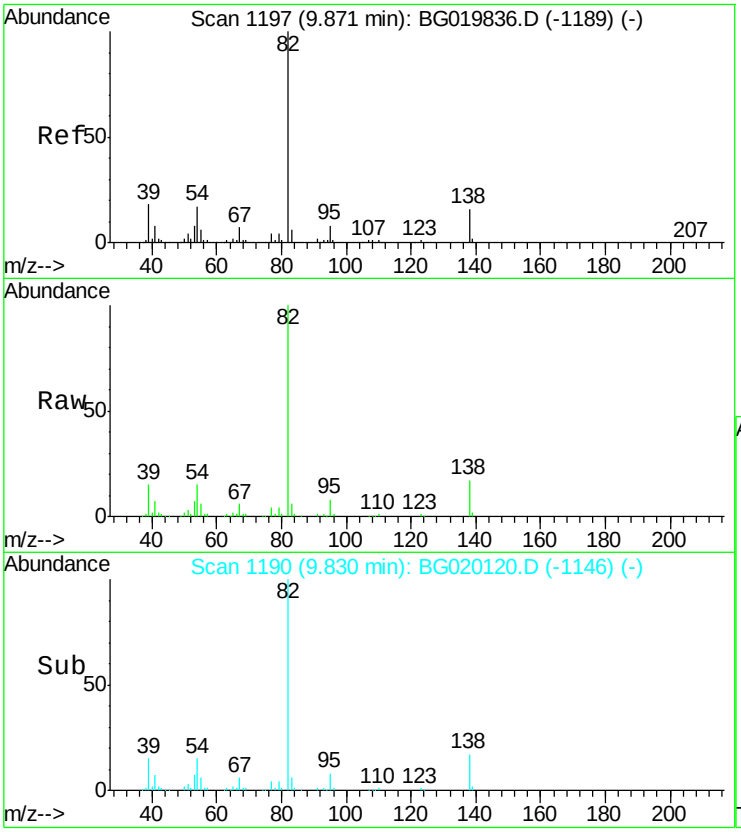




#24
Nitrobenzene
Concen: 33.53 ng
RT: 9.31 min Scan# 1102
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion: 77 Resp: 72080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 42.6 | 38.2 | 57.2 |
| 65 | 14.5 | 10.6 | 16.0 |



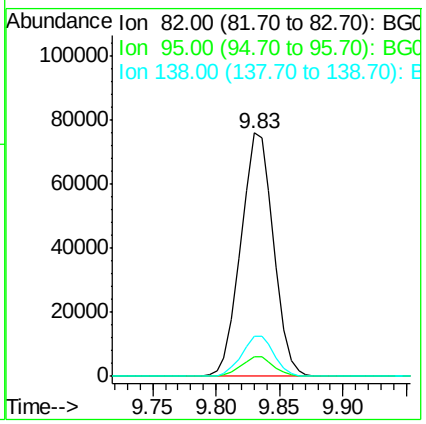


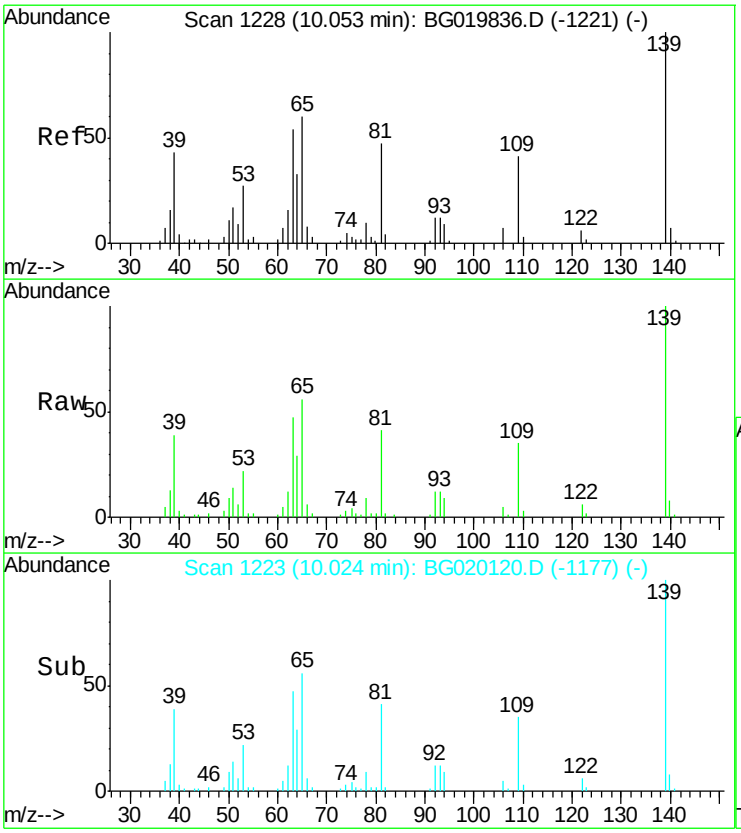

#25
Isophorone
Concen: 31.84 ng
RT: 9.83 min Scan# 1190
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion: 82 Resp: 135259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.0 | 5.2 | 7.8# |
| 138 | 16.7 | 14.4 | 21.6 |

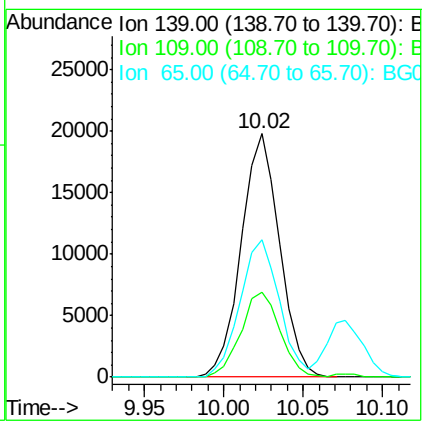


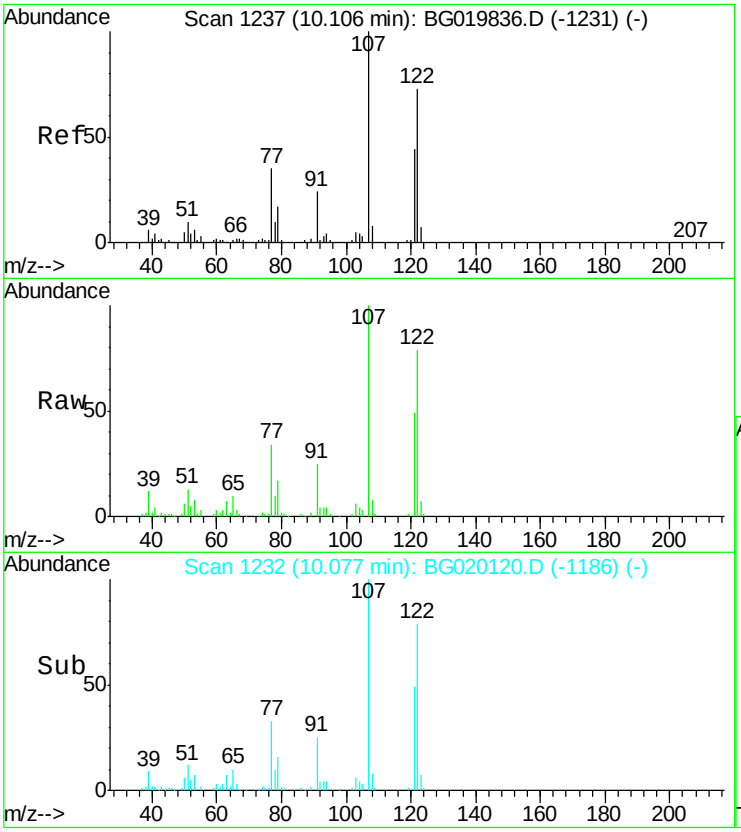




#26
2-Nitrophenol
Concen: 40.13 ng
RT: 10.02 min Scan# 1223
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:139 Resp: 33316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 35.0 | 20.1 | 30.1# |
| 65 | 56.3 | 34.1 | 51.1# |



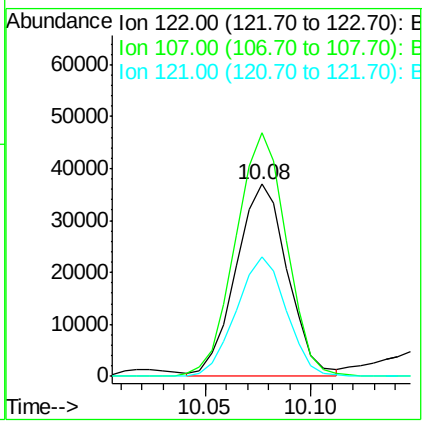


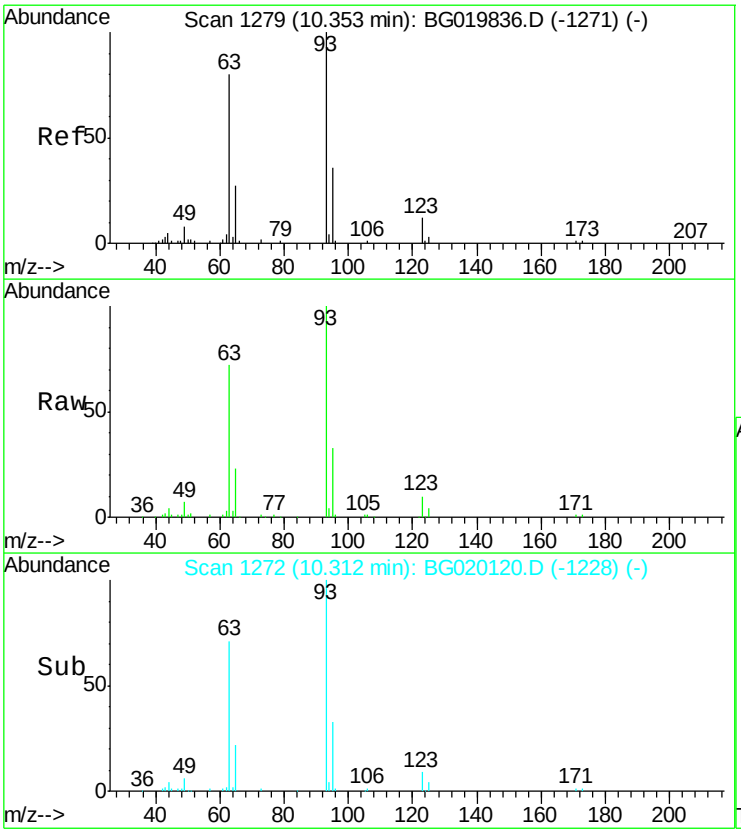

#27
2,4-Dimethylphenol
Concen: 36.14 ng
RT: 10.08 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:122 Resp: 62476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 126.6 | 91.6 | 137.4 |
| 121 | 62.1 | 47.3 | 70.9 |

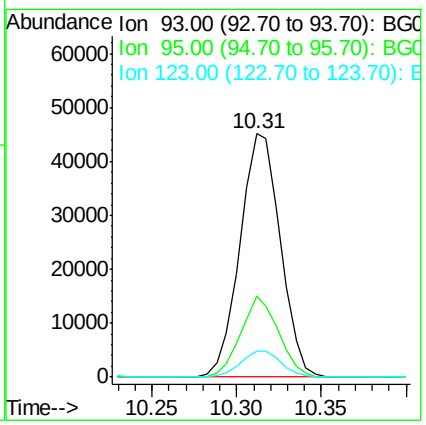


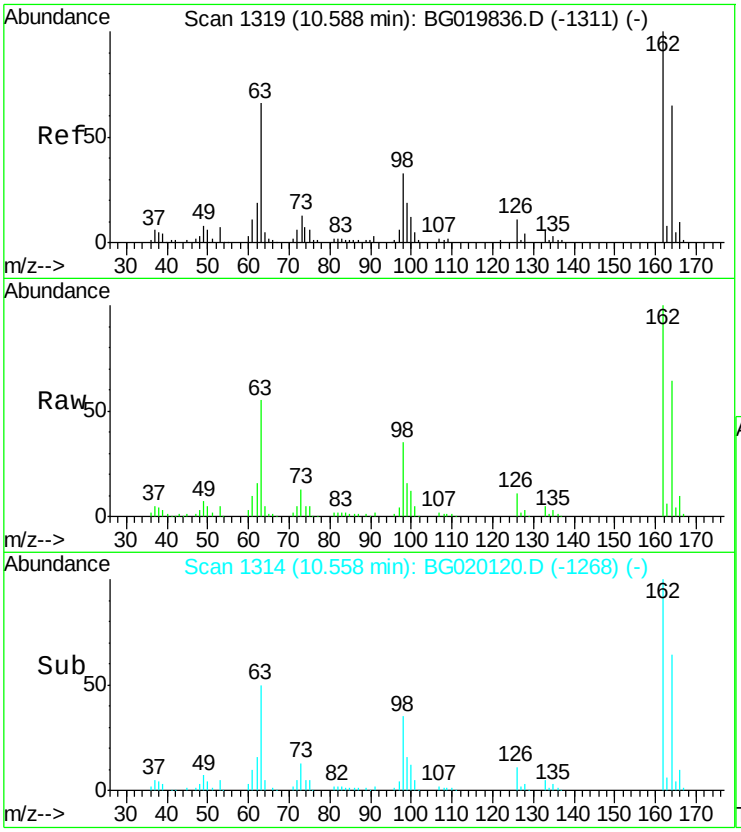




#28
bis(2-Chloroethoxy)methane
Concen: 36.05 ng
RT: 10.31 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion: 93 Resp: 74834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.1 | 25.7 | 38.5 |
| 123 | 10.5 | 8.6 | 12.8 |



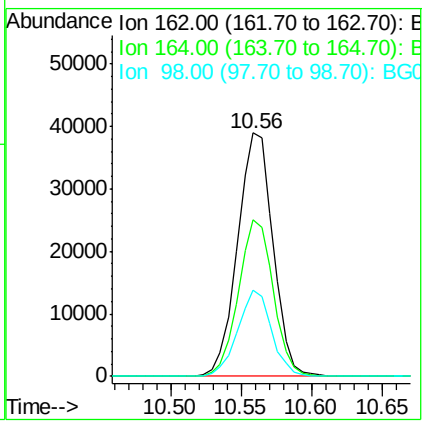


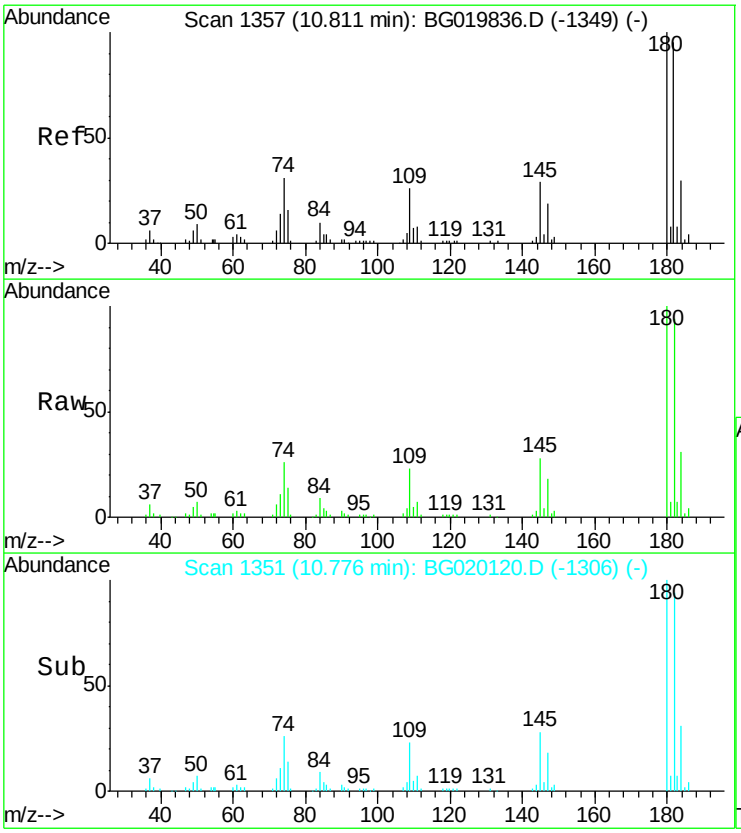

#29
2,4-Dichlorophenol
Concen: 38.74 ng
RT: 10.56 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:162 Resp: 68418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.3 | 42.3 | 82.3 |
| 98 | 35.4 | 11.5 | 51.5 |

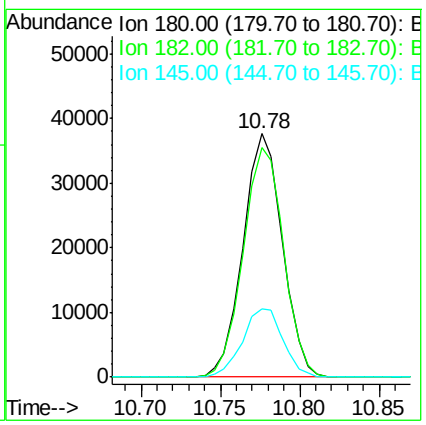


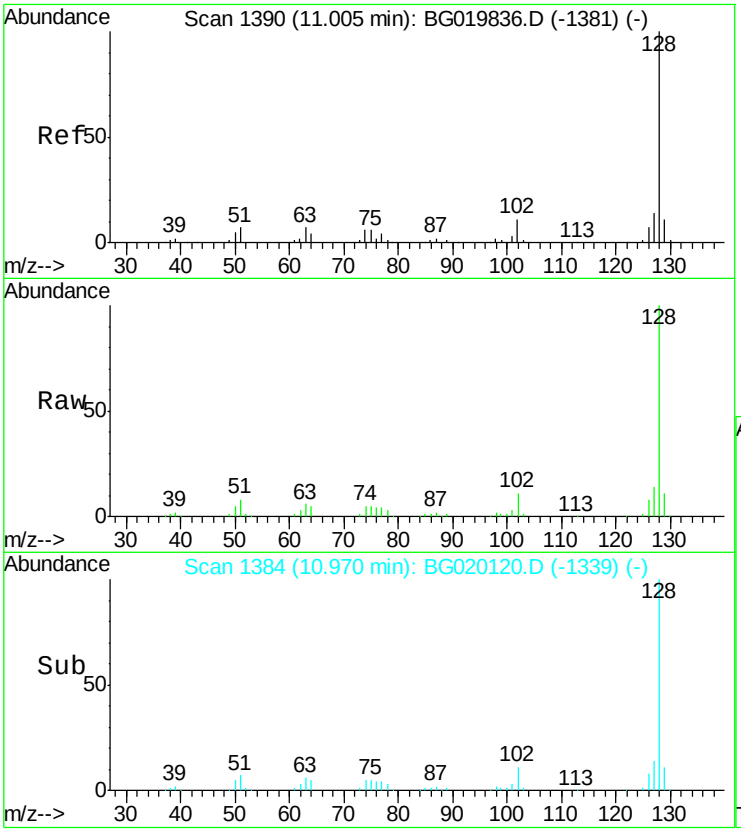




#30
1,2,4-Trichlorobenzene
Concen: 32.44 ng
RT: 10.78 min Scan# 1351
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:180 Resp: 64756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 79.7 | 119.5 |
| 145 | 27.9 | 22.0 | 33.0 |



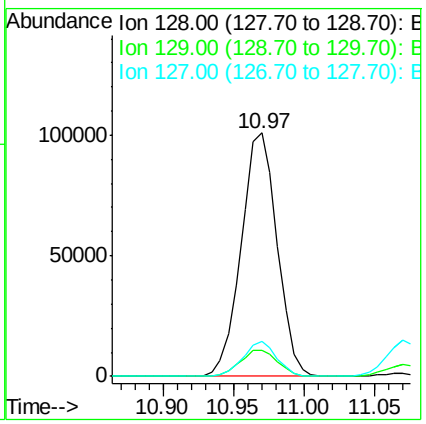


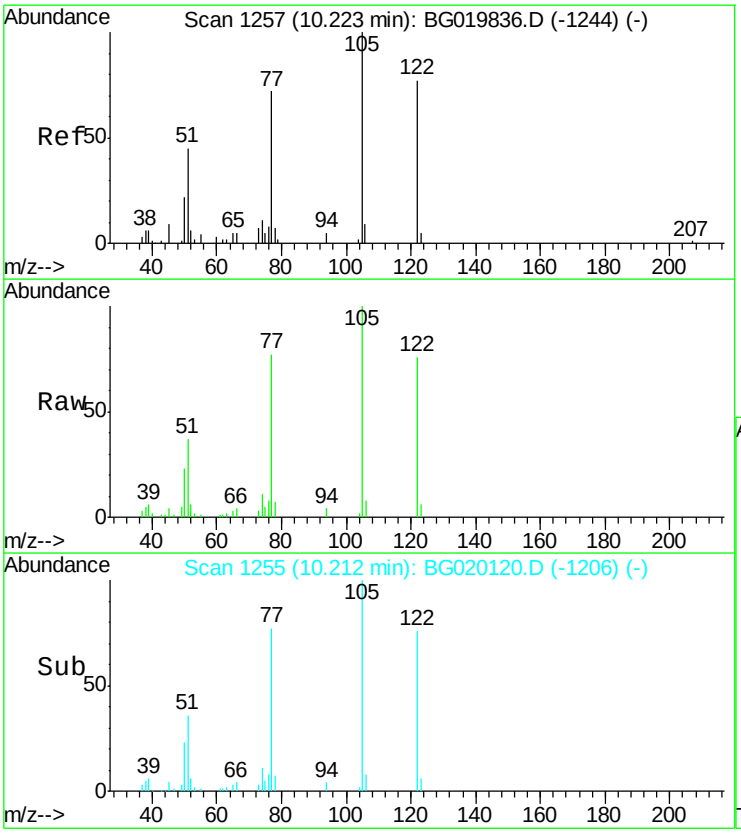

#31
Naphthalene
Concen: 33.26 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:128 Resp: 180203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.5 | 12.7 |
| 127 | 14.3 | 10.6 | 16.0 |

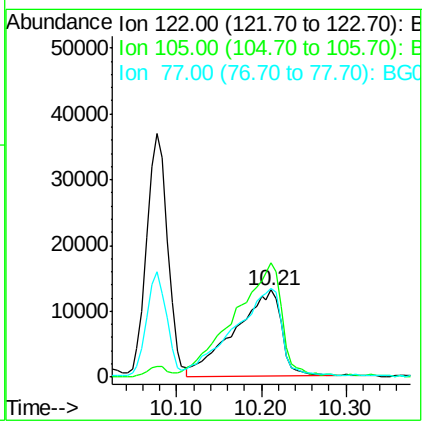


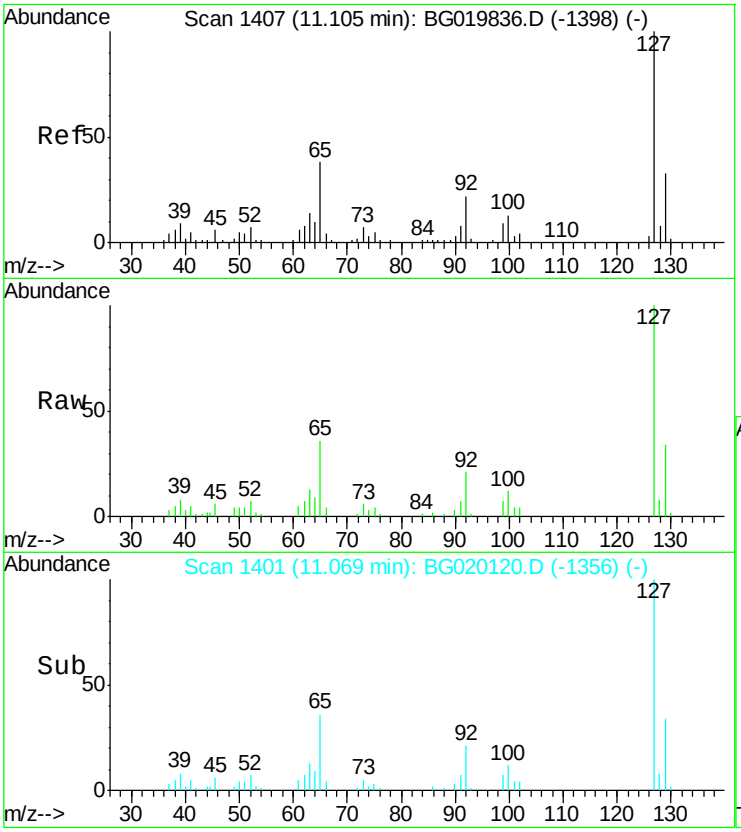




#32
Benzoic acid
Concen: 43.70 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:122 Resp: 50197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 131.2 | 103.8 | 143.8 |
| 77 | 101.1 | 68.8 | 108.8 |



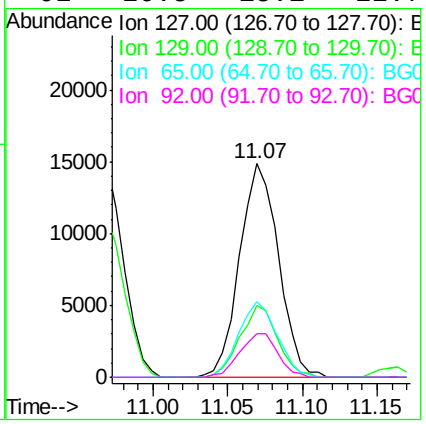


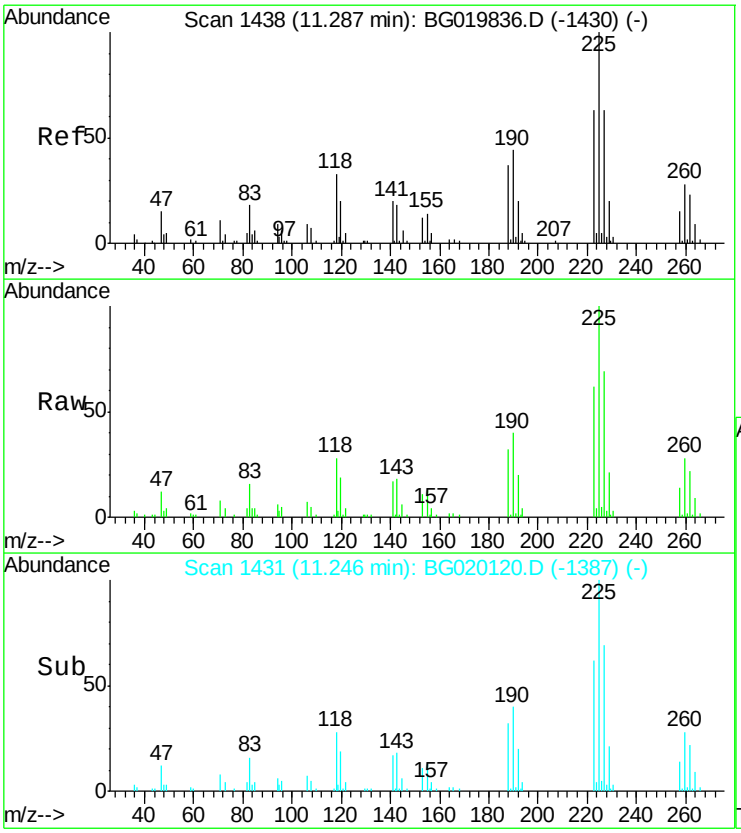

#33
4-Chloroaniline
Concen: 11.20 ng
RT: 11.07 min Scan# 1401
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:127 Resp: 26745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.5 | 24.6 | 37.0 |
| 65 | 35.5 | 22.6 | 33.8# |
| 92 | 20.5 | 15.1 | 22.7 |

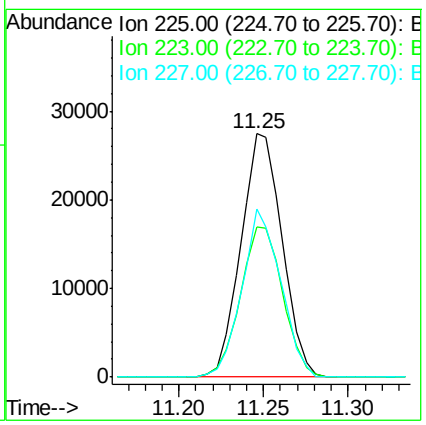


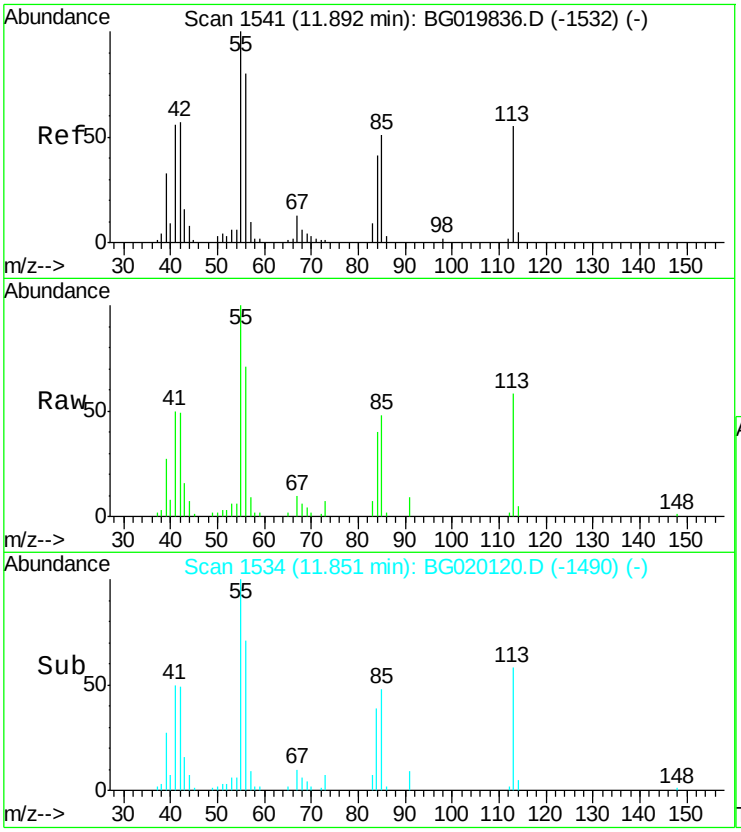




#34
Hexachlorobutadiene
Concen: 31.56 ng
RT: 11.25 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:225 Resp: 46470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 58.8 | 51.0 | 76.4 |
| 227 | 69.0 | 51.8 | 77.8 |



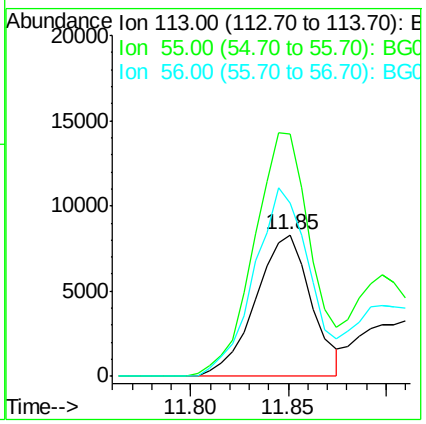


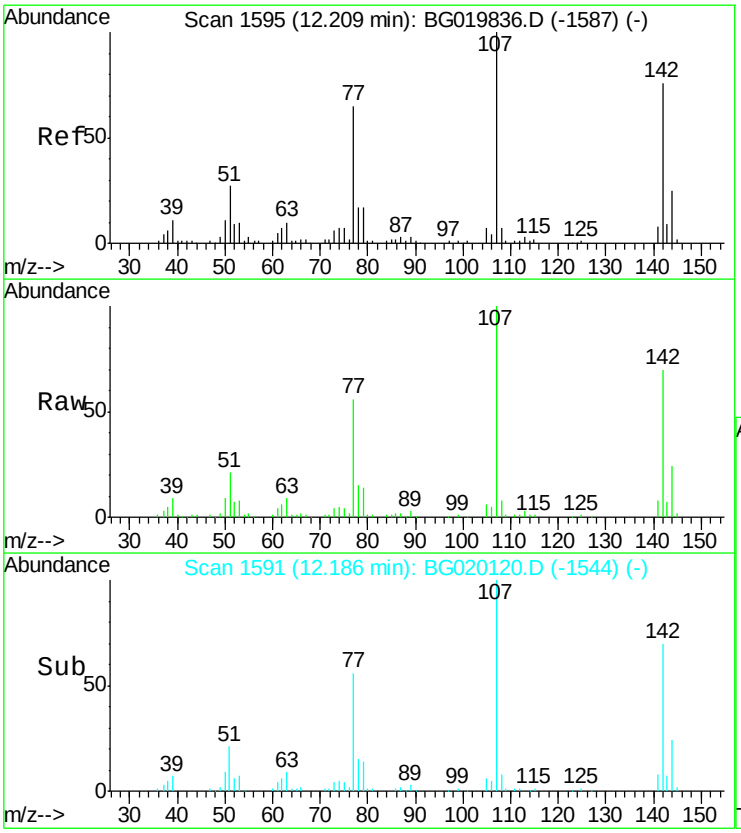

#35
Caprolactam
Concen: 24.95 ng
RT: 11.85 min Scan# 1534
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:113 Resp: 16407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 171.4 | 135.0 | 175.0 |
| 56 | 122.5 | 83.4 | 123.4 |

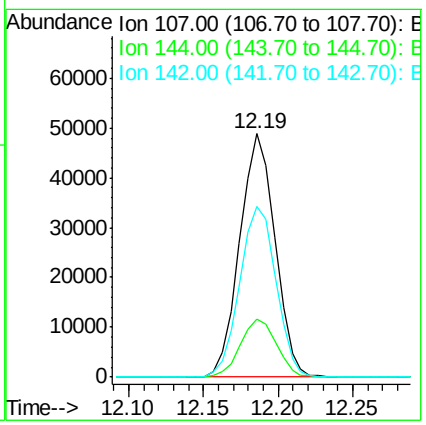


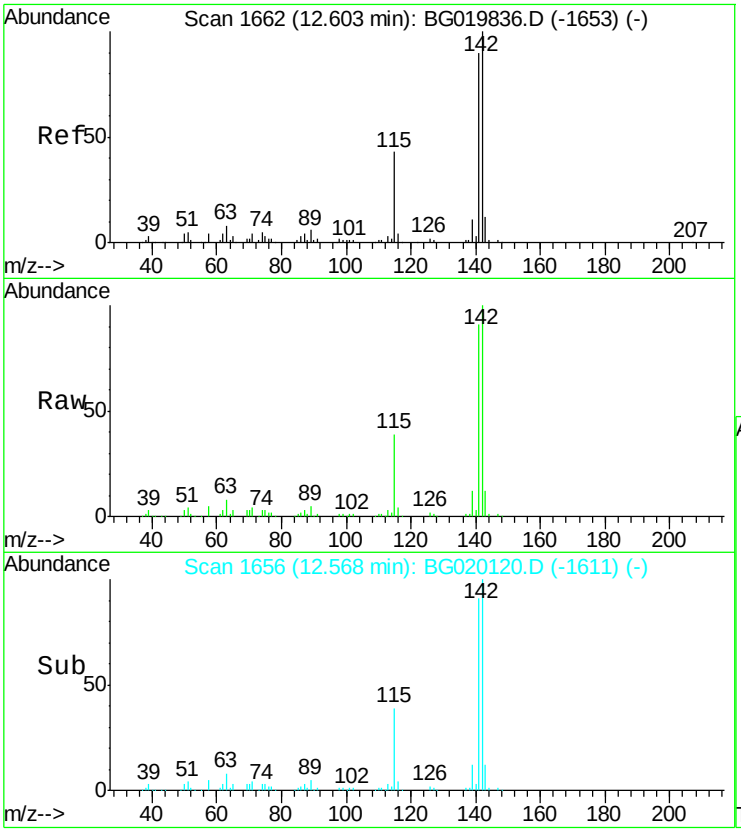




#36
4-Chloro-3-methylphenol
Concen: 36.31 ng
RT: 12.19 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:107 Resp: 79859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.9 | 20.6 | 31.0 |
| 142 | 70.2 | 62.6 | 93.8 |



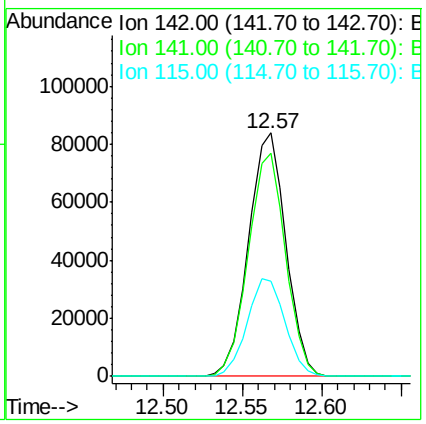


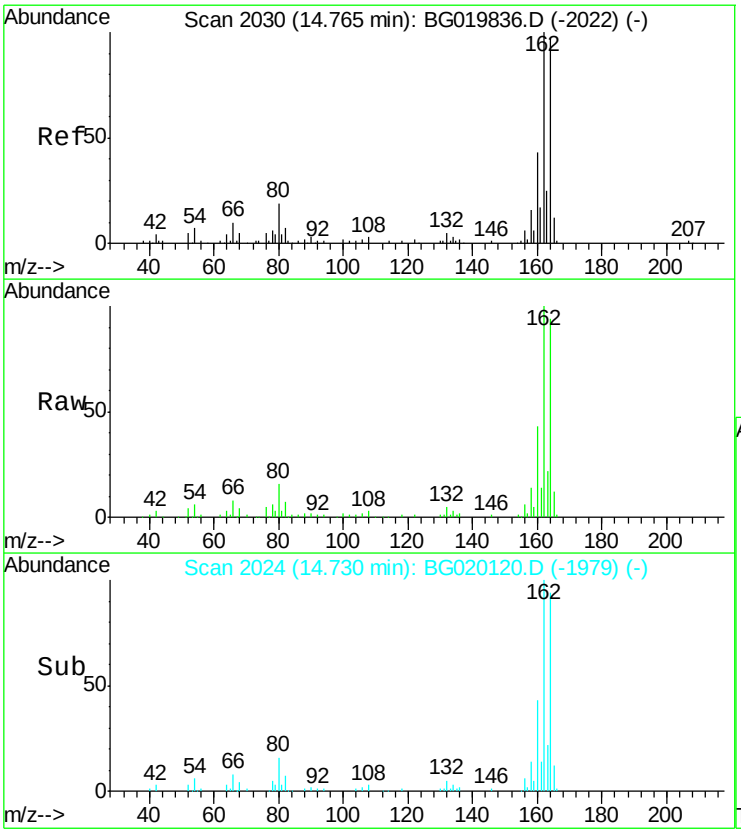

#37
2-Methylnaphthalene
Concen: 34.63 ng
RT: 12.57 min Scan# 1656
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:142 Resp: 137513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.5 | 74.6 | 112.0 |
| 115 | 39.1 | 27.4 | 41.0 |

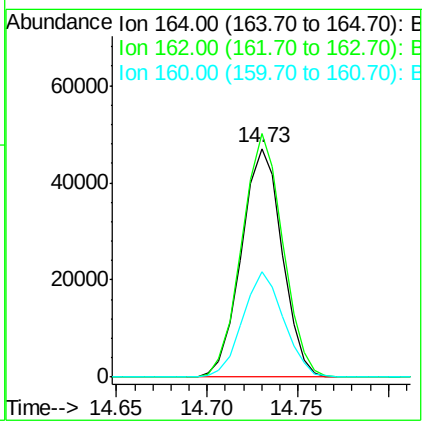


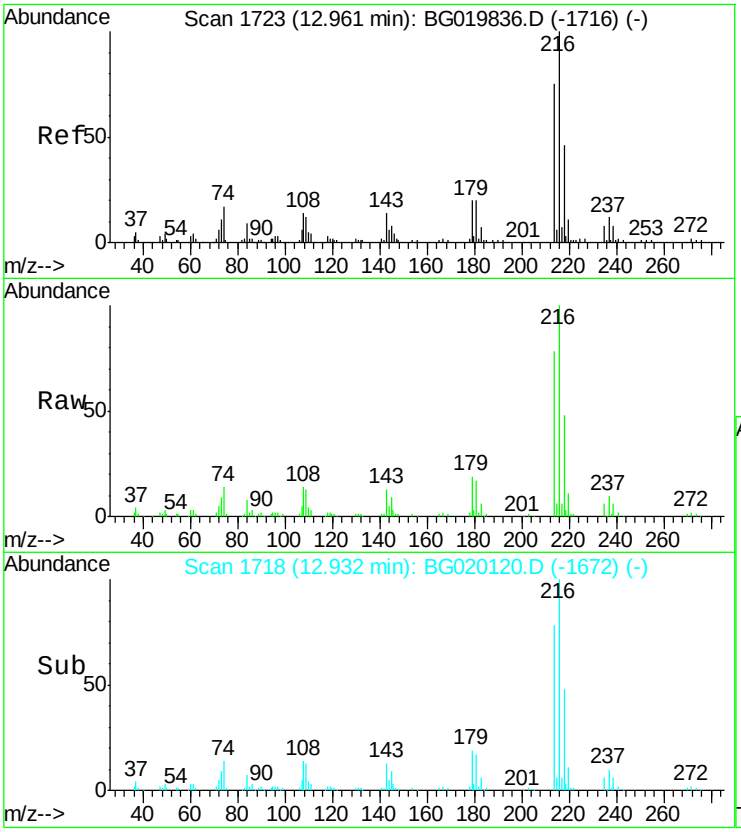




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:164 Resp: 73409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.5 | 78.8 | 118.2 |
| 160 | 45.9 | 36.4 | 54.6 |



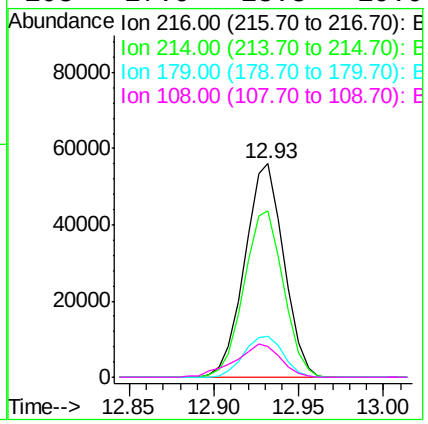


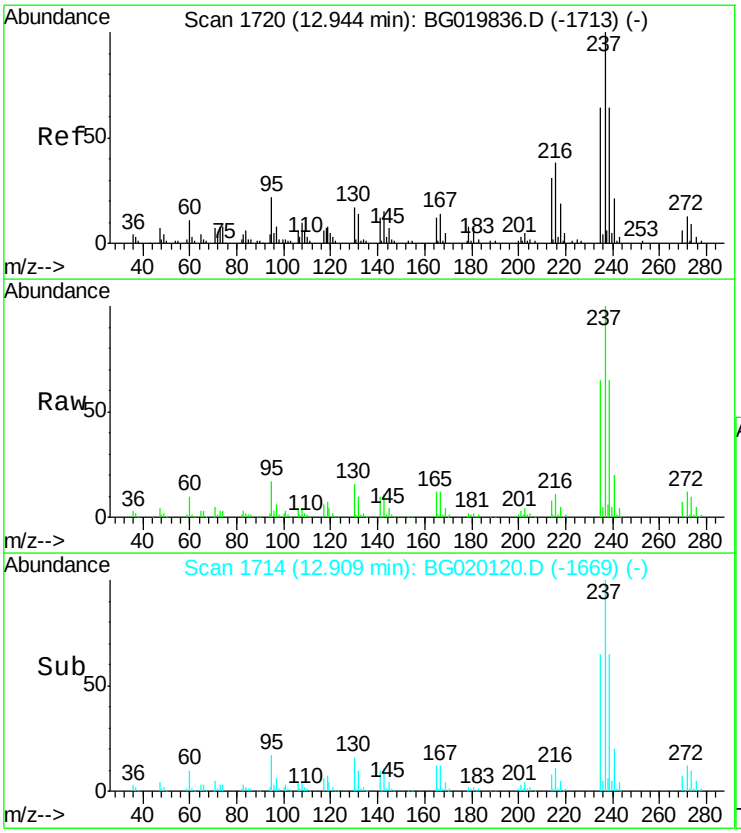

#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.22 ng
RT: 12.93 min Scan# 1718
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:216 Resp: 89770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 62.5 | 93.7 |
| 179 | 19.5 | 15.6 | 23.4 |
| 108 | 17.9 | 13.3 | 19.9 |

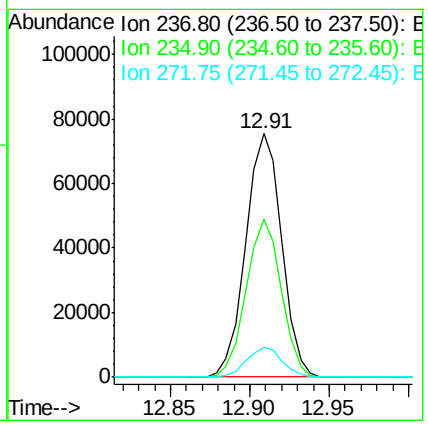


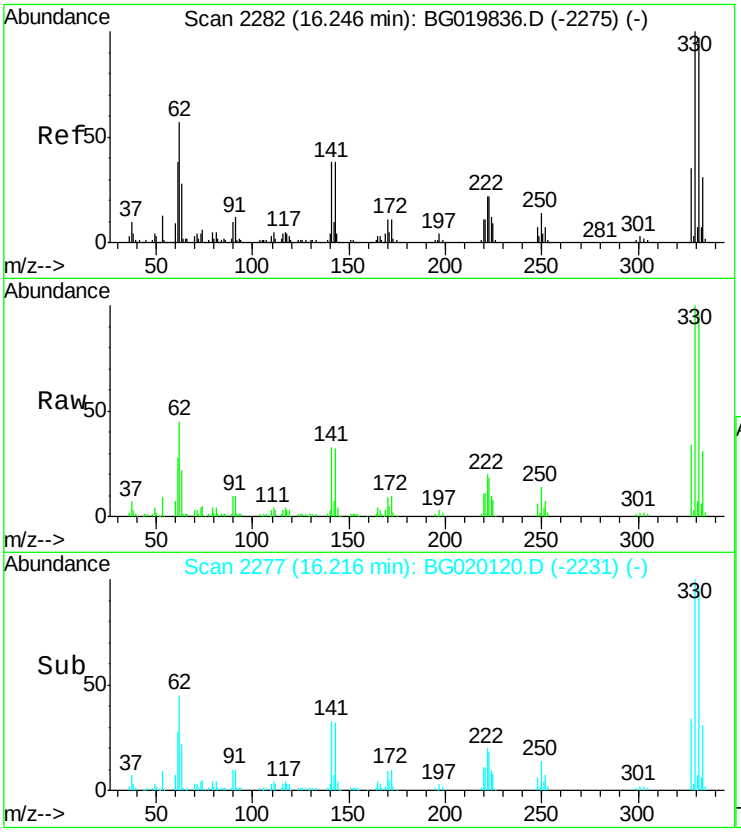




#40
Hexachlorocyclopentadiene
Concen: 74.54 ng
RT: 12.91 min Scan# 1714
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:237 Resp: 118407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.6 | 44.6 | 84.6 |
| 272 | 12.3 | 0.0 | 32.8 |



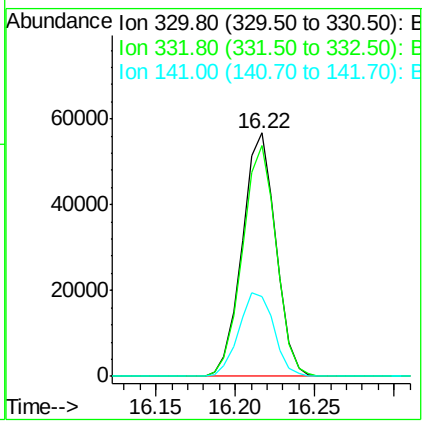


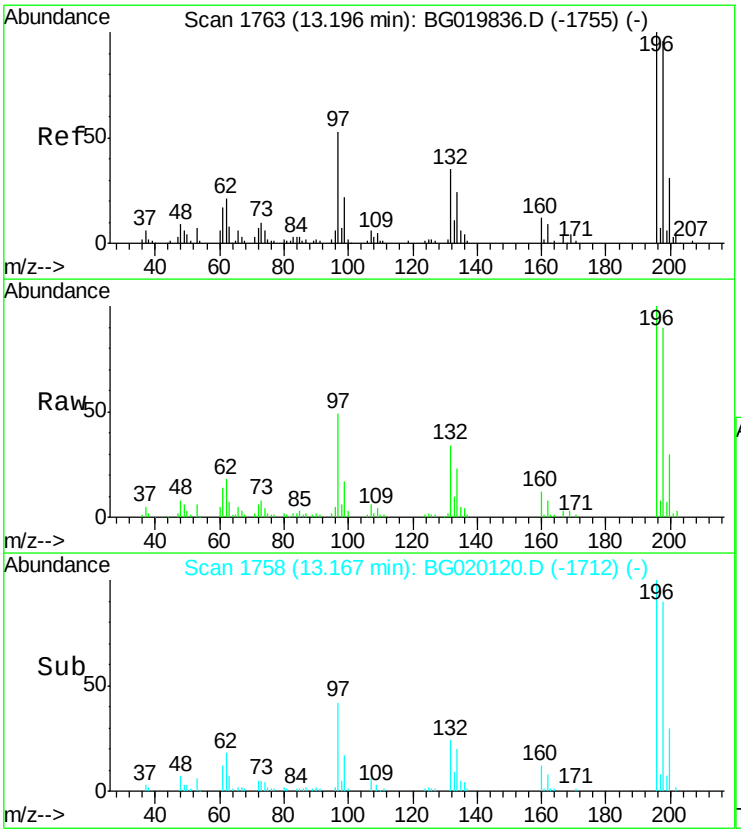

#41
2,4,6-Tribromophenol
Concen: 74.13 ng
RT: 16.22 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:330 Resp: 83263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 78.1 | 117.1 |
| 141 | 35.8 | 28.2 | 42.2 |

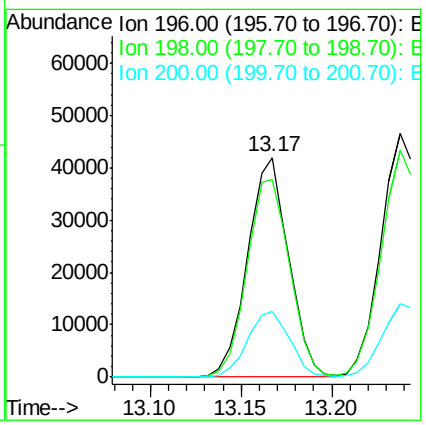


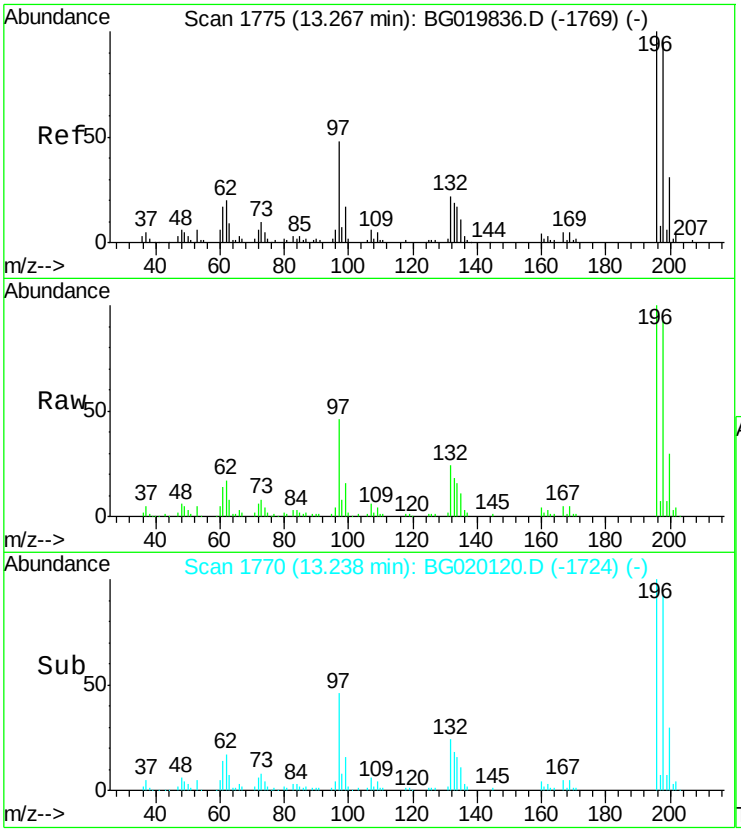




#42
2,4,6-Trichlorophenol
Concen: 35.82 ng
RT: 13.17 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:196 Resp: 66056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 90.1 | 74.7 | 112.1 |
| 200 | 30.1 | 24.1 | 36.1 |



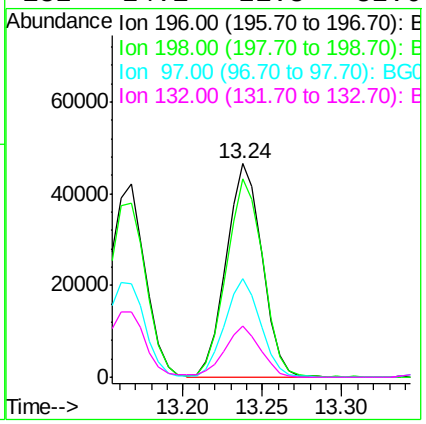


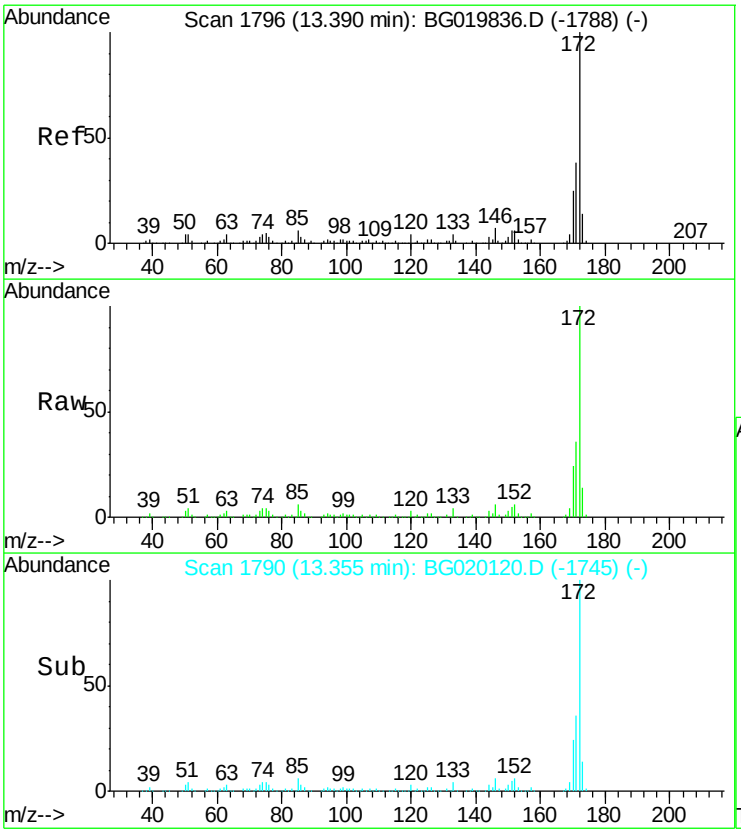

#43
2,4,5-Trichlorophenol
Concen: 37.64 ng
RT: 13.24 min Scan# 1770
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:196 Resp: 73369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.0 | 75.2 | 112.8 |
| 97 | 46.1 | 34.2 | 51.2 |
| 132 | 24.1 | 21.8 | 32.6 |

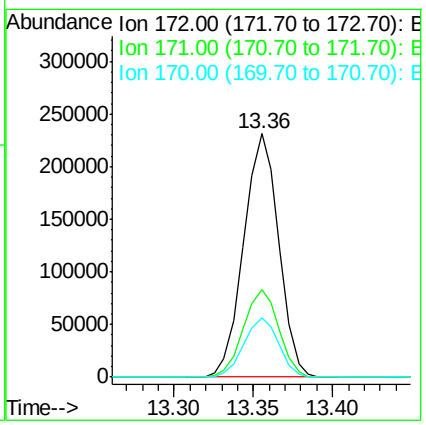


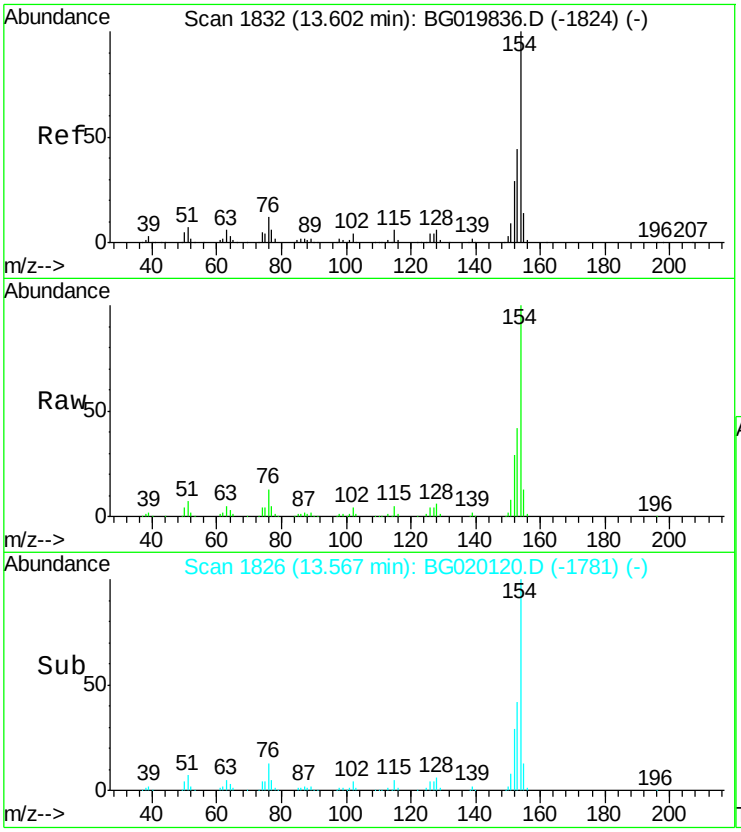




#44
2-Fluorobiphenyl
Concen: 65.88 ng
RT: 13.36 min Scan# 1790
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:172 Resp: 354175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 29.0 | 43.6 |
| 170 | 24.3 | 19.9 | 29.9 |



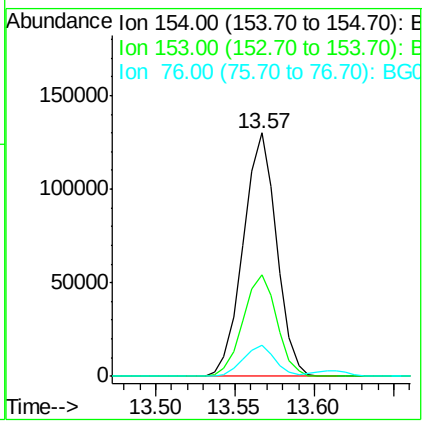


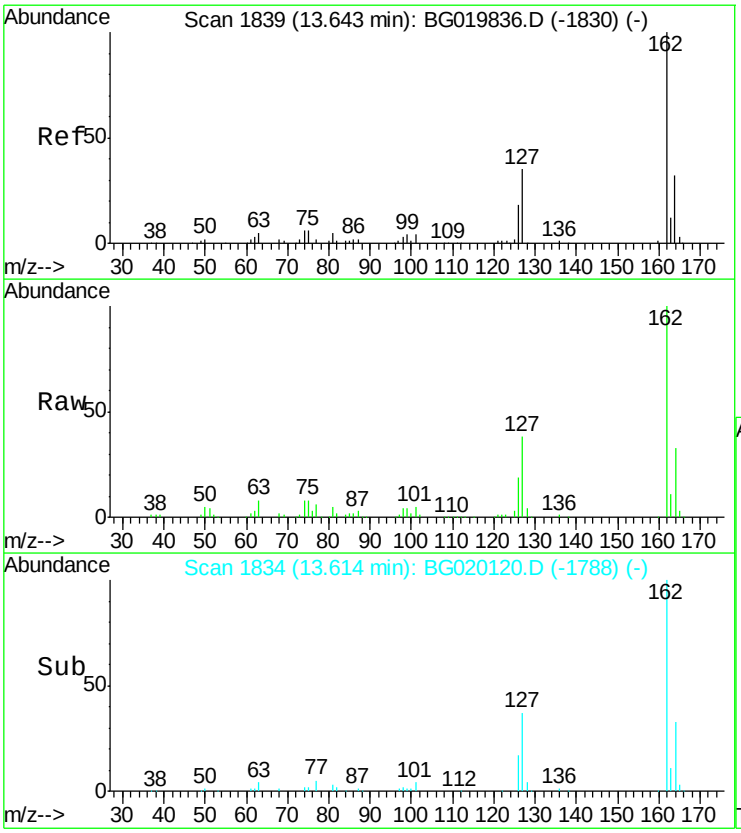

#45
1,1'-Biphenyl
Concen: 31.48 ng
RT: 13.57 min Scan# 1826
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:154 Resp: 189636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.8 | 21.9 | 61.9 |
| 76 | 12.6 | 0.0 | 33.2 |

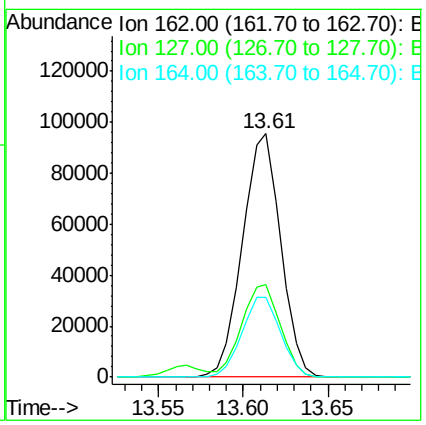


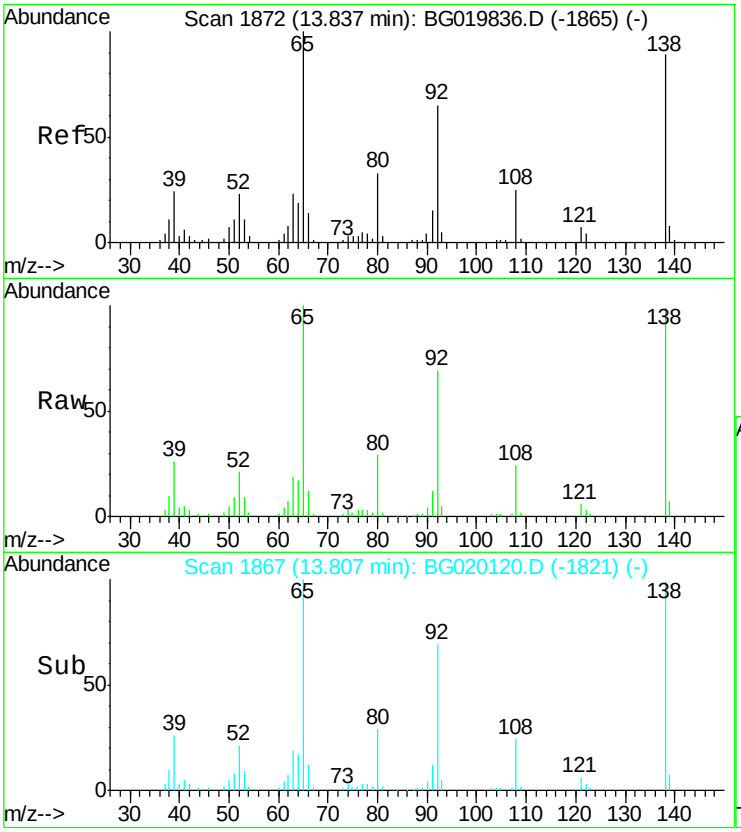




#46
2-Chloronaphthalene
Concen: 32.44 ng
RT: 13.61 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:162 Resp: 150635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.8 | 28.3 | 42.5 |
| 164 | 33.0 | 27.4 | 41.0 |



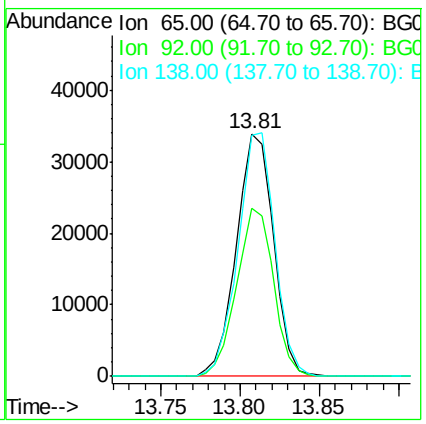


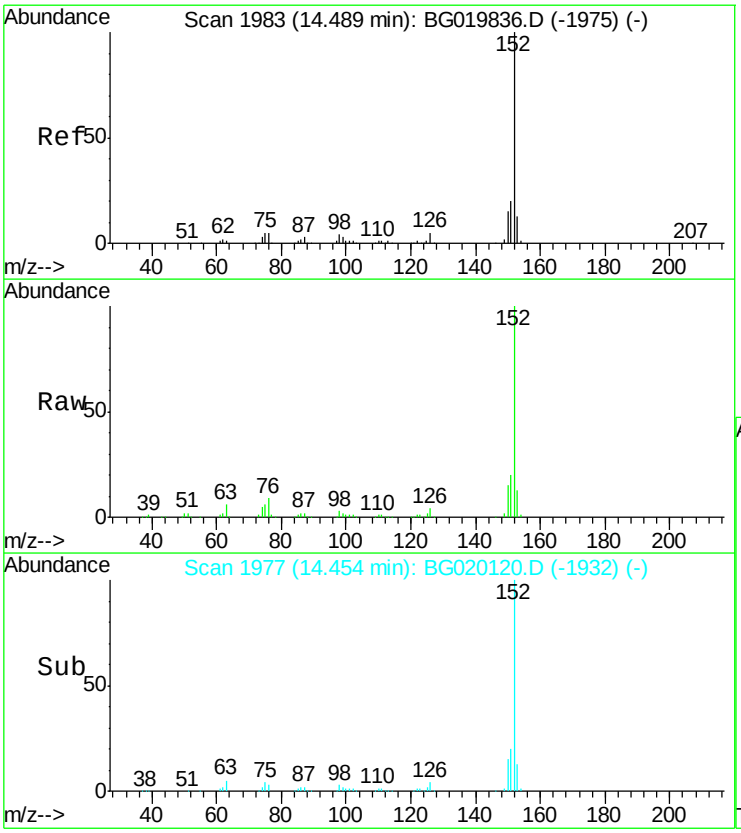

#47
2-Nitroaniline
Concen: 37.45 ng
RT: 13.81 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion: 65 Resp: 54932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.4 | 54.8 | 82.2 |
| 138 | 99.5 | 89.6 | 134.4 |

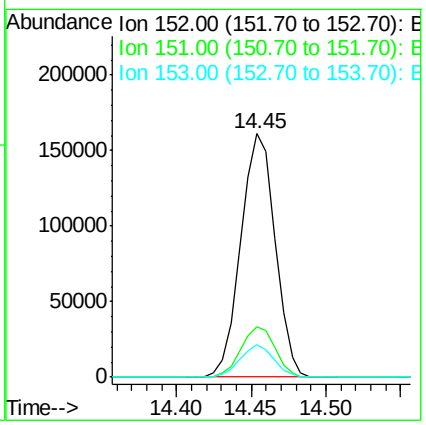


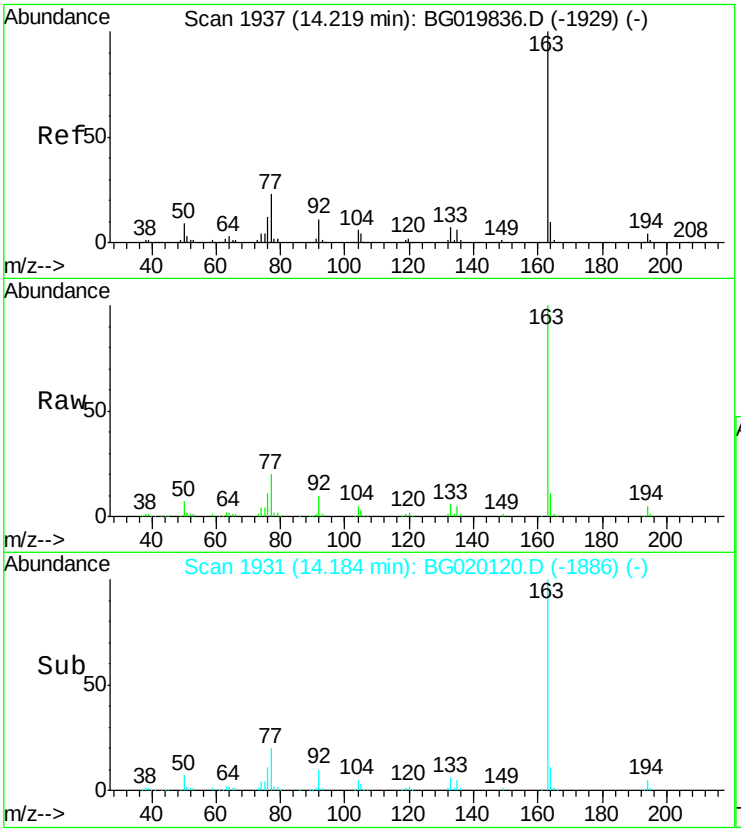




#48
Acenaphthylene
Concen: 32.31 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:152 Resp: 255596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 17.0 | 25.4 |
| 153 | 13.5 | 10.4 | 15.6 |



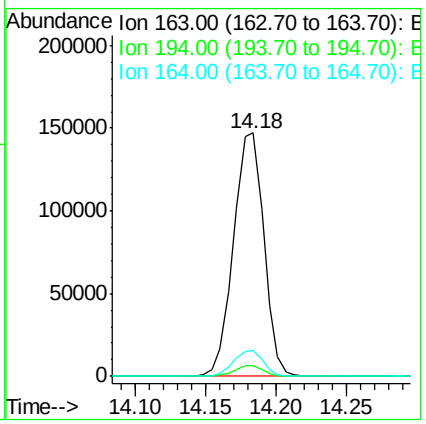


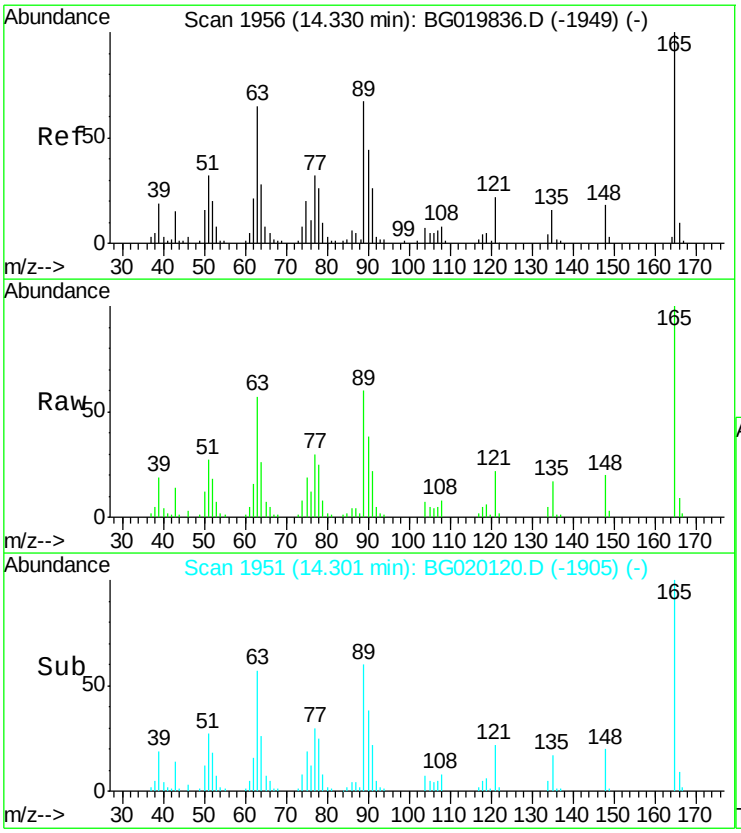

#49
Dimethylphthalate
Concen: 33.42 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:163 Resp: 220718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.5 | 3.1 | 4.7 |
| 164 | 10.7 | 8.8 | 13.2 |

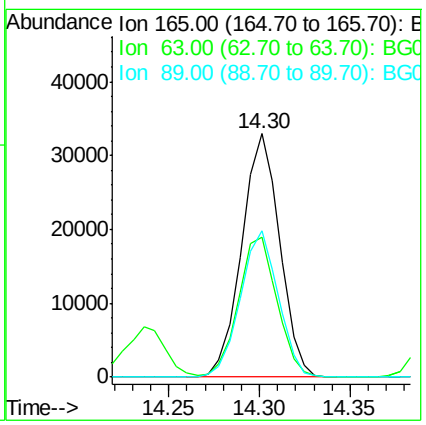


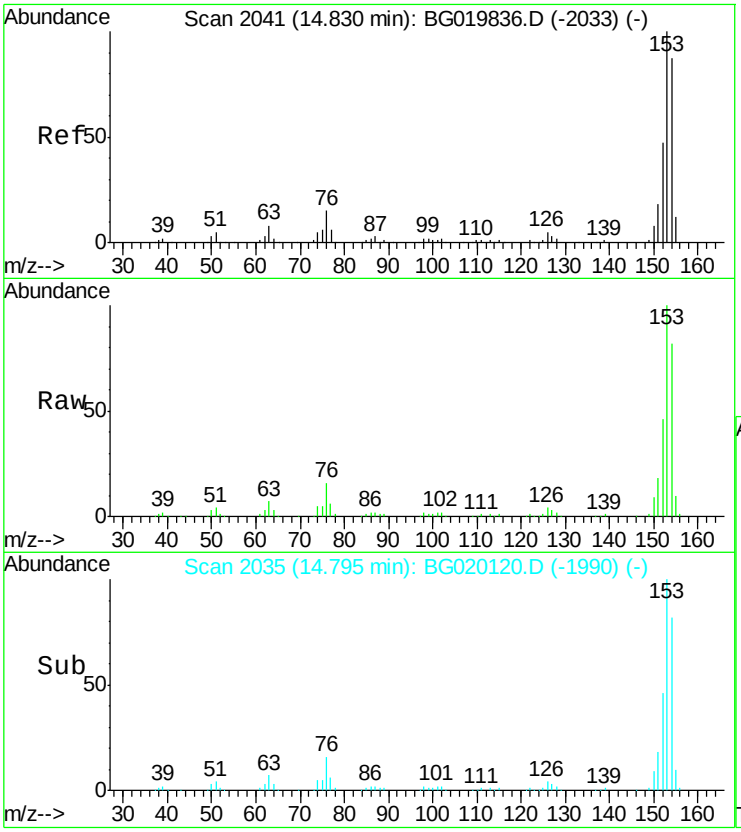




#50
2,6-Dinitrotoluene
Concen: 38.55 ng
RT: 14.30 min Scan# 1951
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:165 Resp: 47859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.4 | 35.7 | 53.5# |
| 89 | 60.2 | 39.7 | 59.5# |



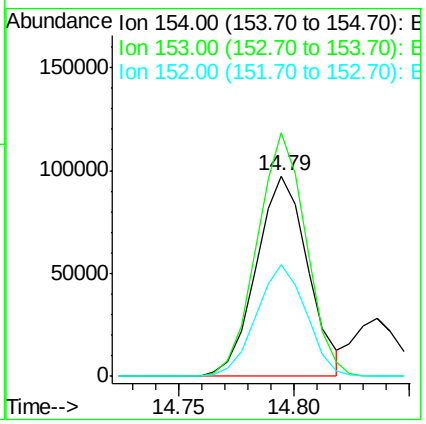


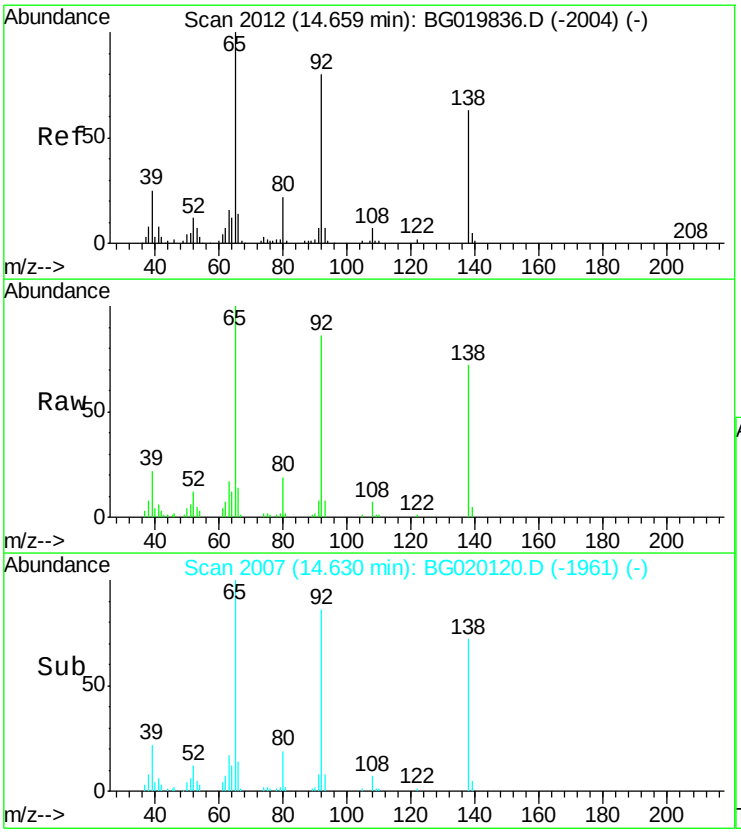

#51
Acenaphthene
Concen: 31.47 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:154 Resp: 151035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 121.6 | 92.9 | 139.3 |
| 152 | 55.8 | 45.8 | 68.8 |

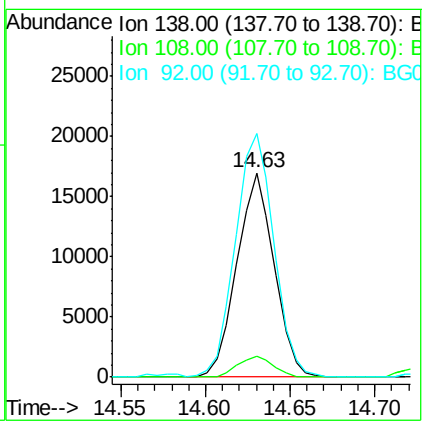


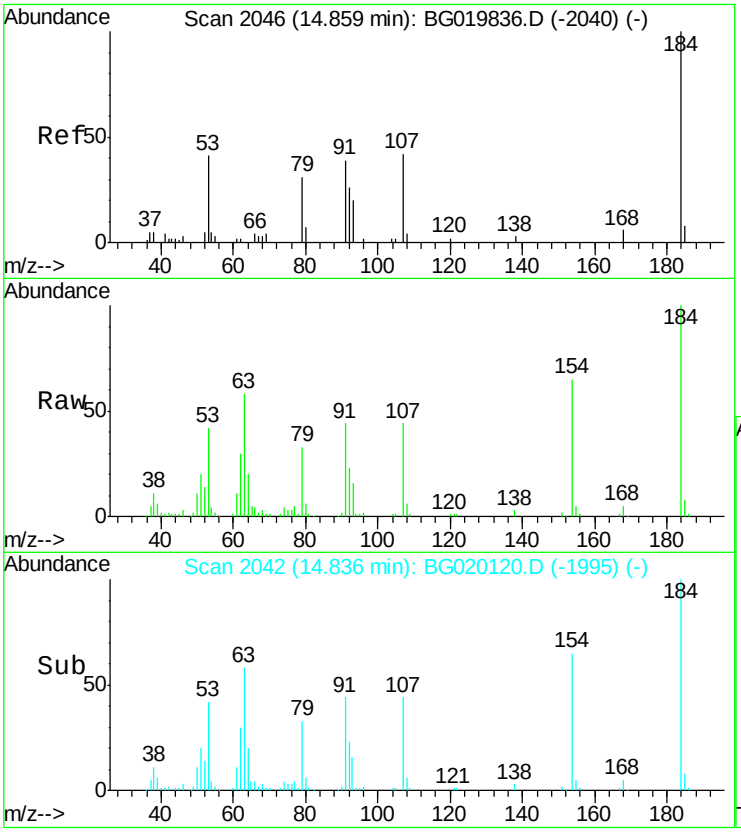




#52
3-Nitroaniline
Concen: 20.14 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:138 Resp: 25980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.4 | 7.9 | 11.9 |
| 92 | 119.4 | 94.2 | 141.4 |



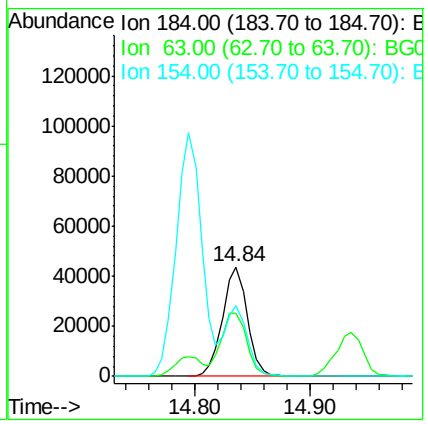


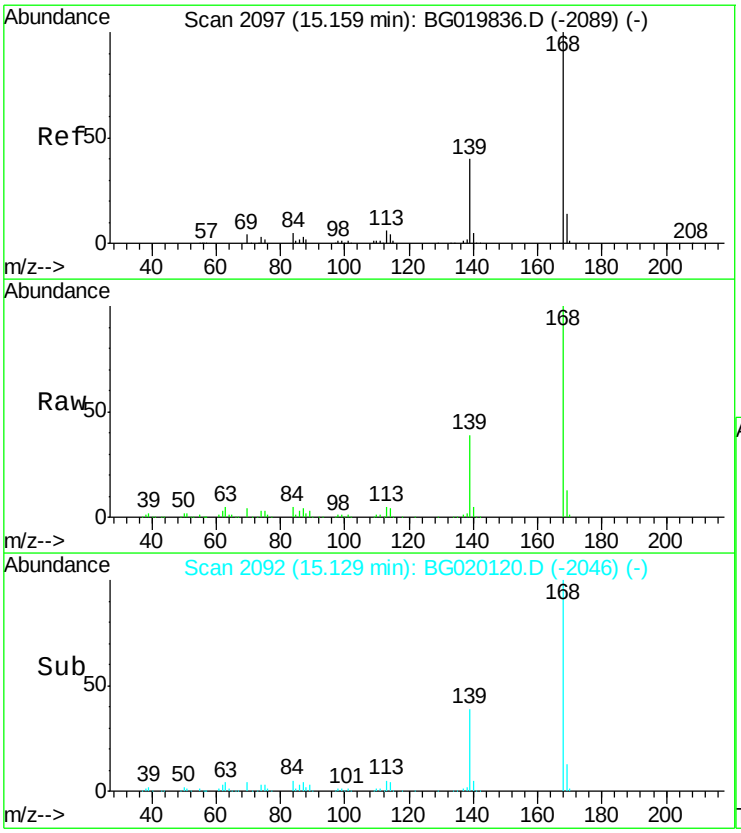

#53
2,4-Dinitrophenol
Concen: 97.17 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:184 Resp: 65681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 58.3 | 42.7 | 64.1 |
| 154 | 64.5 | 44.3 | 66.5 |

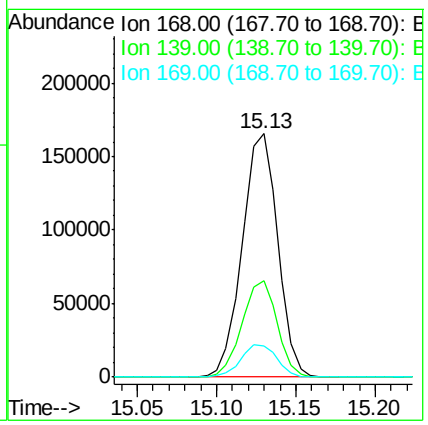


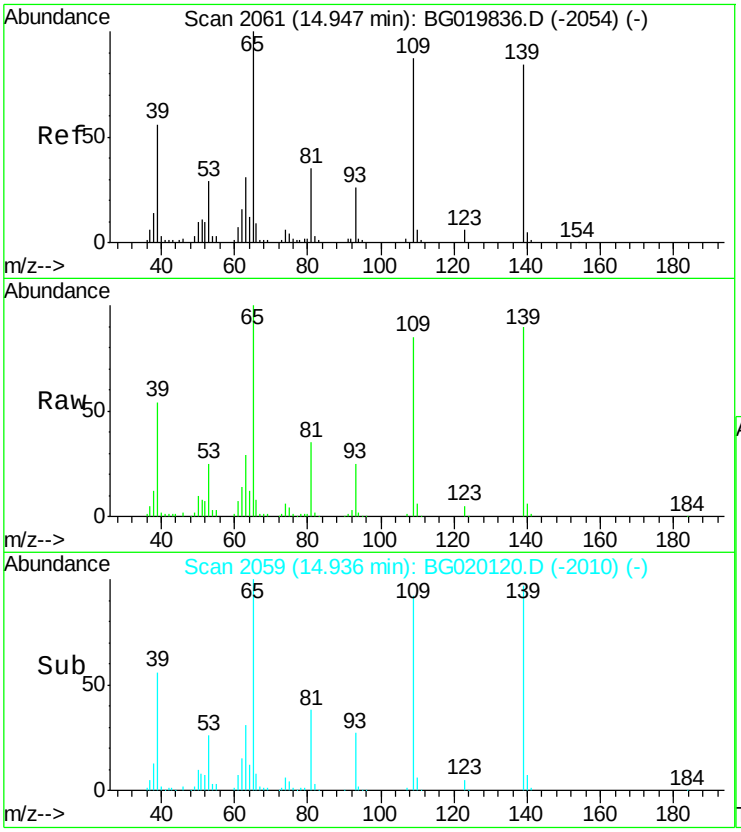




#54
Dibenzofuran
Concen: 36.07 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:168 Resp: 257564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.4 | 27.4 | 41.0 |
| 169 | 12.9 | 11.0 | 16.4 |



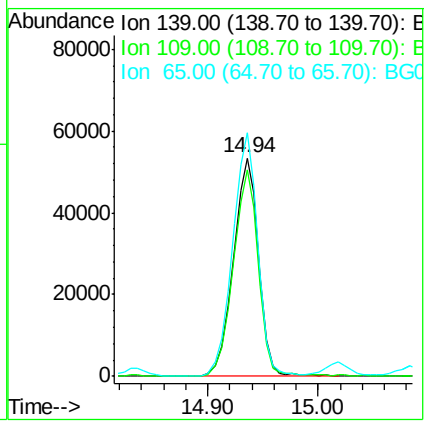


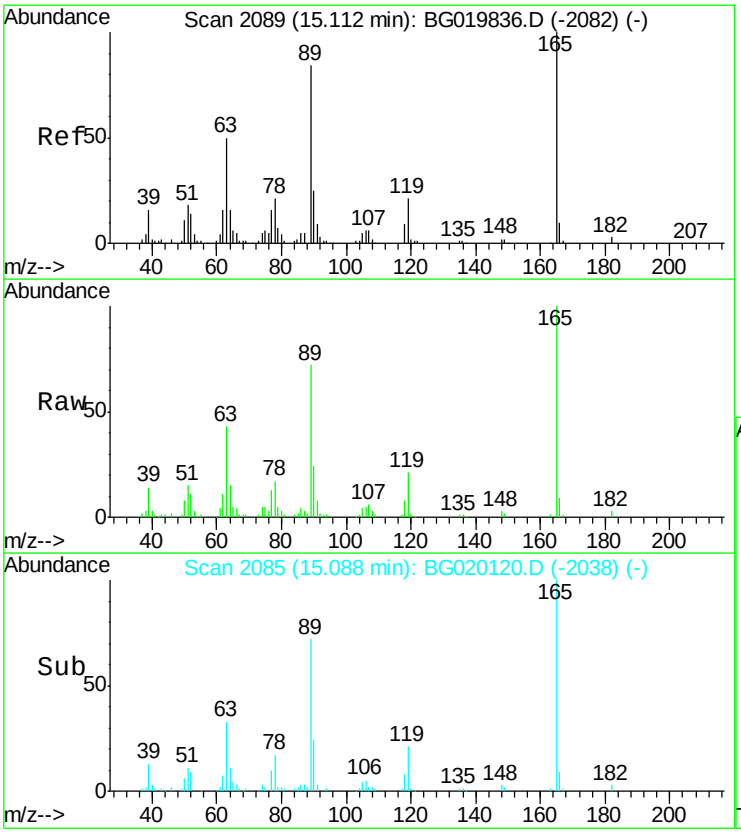

#55
4-Nitrophenol
Concen: 76.03 ng
RT: 14.94 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:139 Resp: 85410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 94.5 | 43.2 | 83.2# |
| 65 | 111.5 | 67.8 | 107.8# |

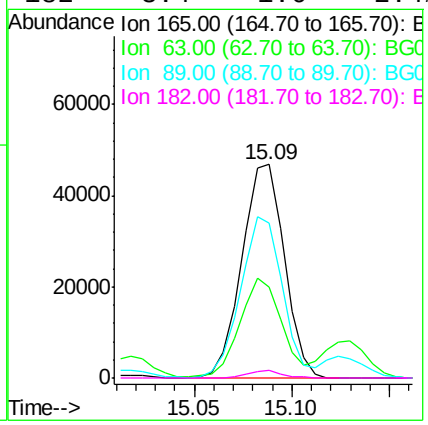


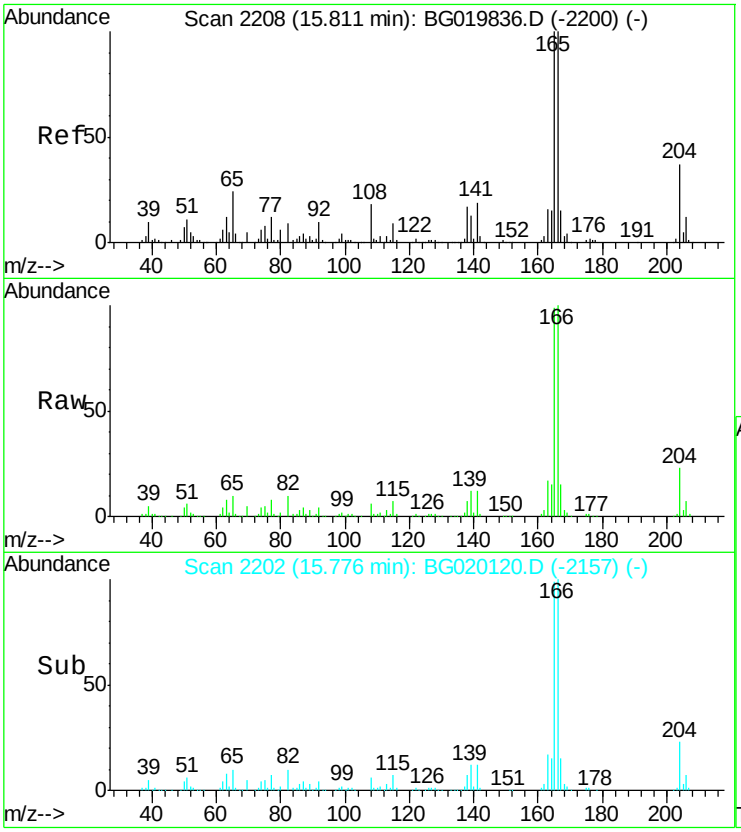




#56
2,4-Dinitrotoluene
Concen: 40.83 ng
RT: 15.09 min Scan# 2085
Delta R.T. -0.02 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:165 Resp: 70725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.5 | 31.0 | 46.4 |
| 89 | 72.3 | 54.4 | 81.6 |
| 182 | 3.4 | 1.6 | 2.4# |



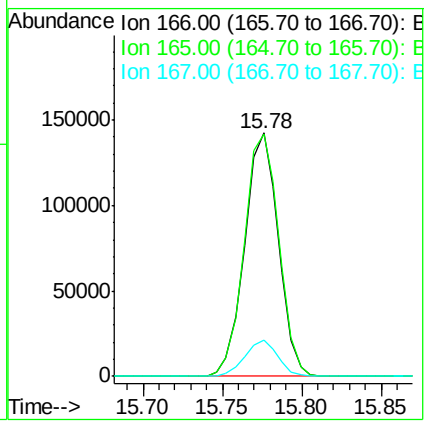


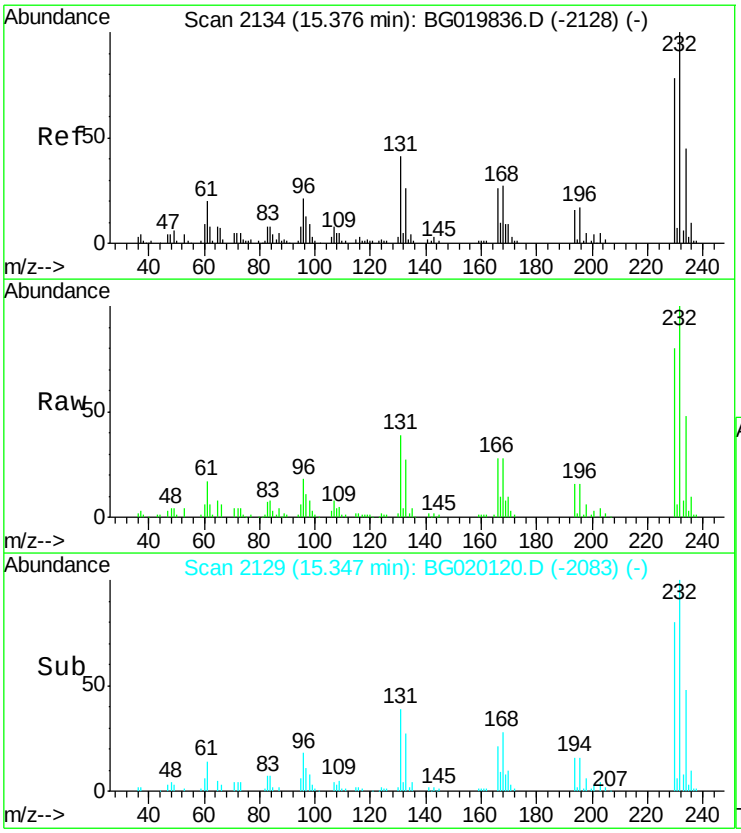

#57
Fluorene
Concen: 32.86 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:166 Resp: 209977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.4 | 80.0 | 120.0 |
| 167 | 14.7 | 11.1 | 16.7 |

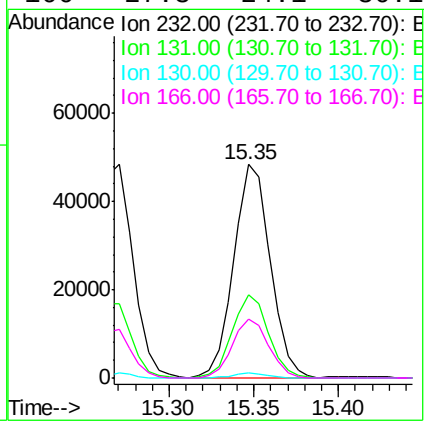


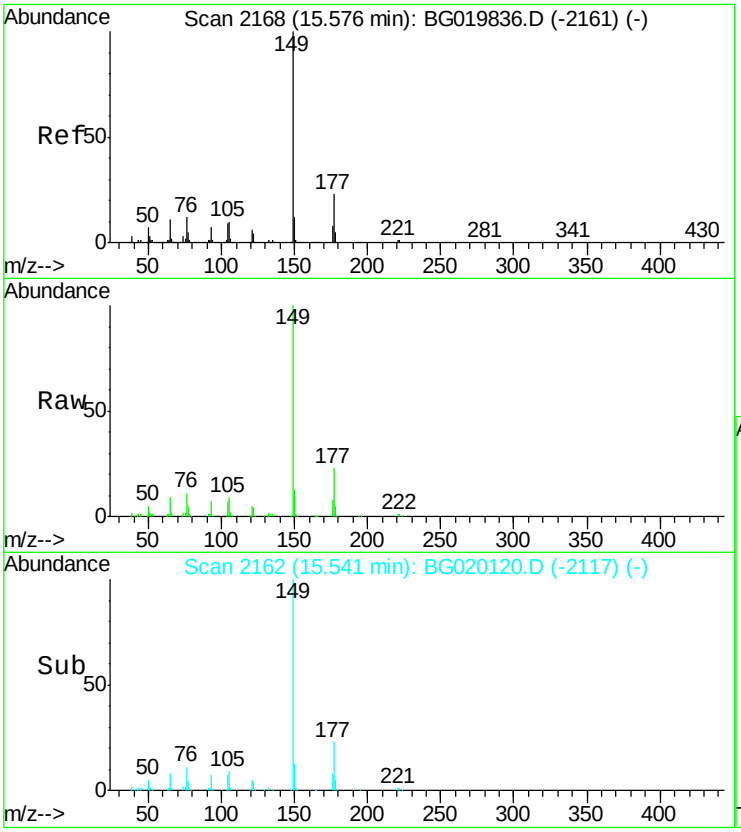




#58
2,3,4,6-Tetrachlorophenol
Concen: 40.61 ng
RT: 15.35 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:232 Resp: 73269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 38.2 | 33.0 | 49.6 |
| 130 | 2.1 | 2.0 | 3.0 |
| 166 | 27.3 | 24.1 | 36.1 |



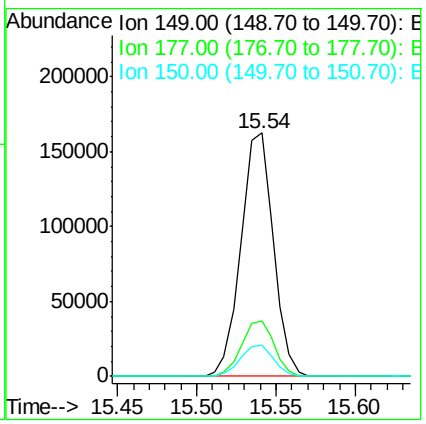


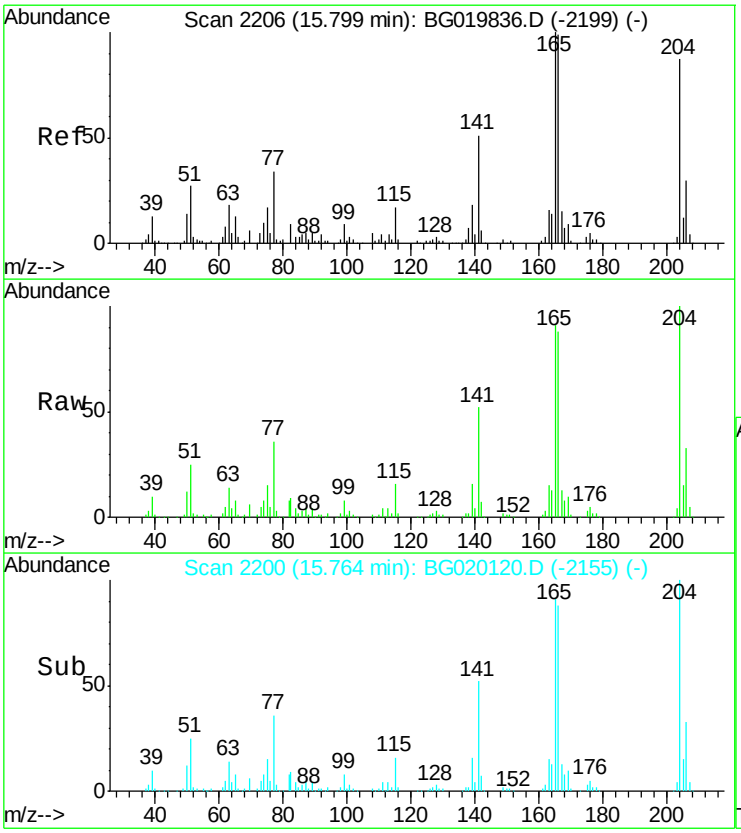

#59
Diethylphthalate
Concen: 32.21 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:149 Resp: 230222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 19.6 | 29.4 |
| 150 | 12.6 | 10.2 | 15.2 |

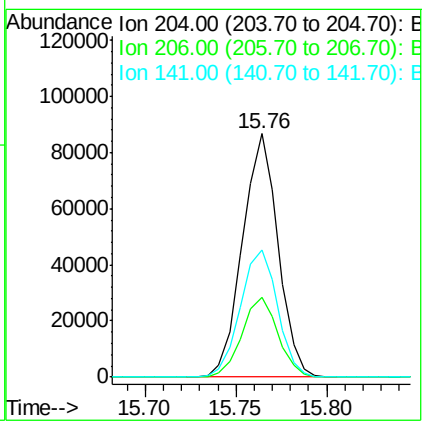


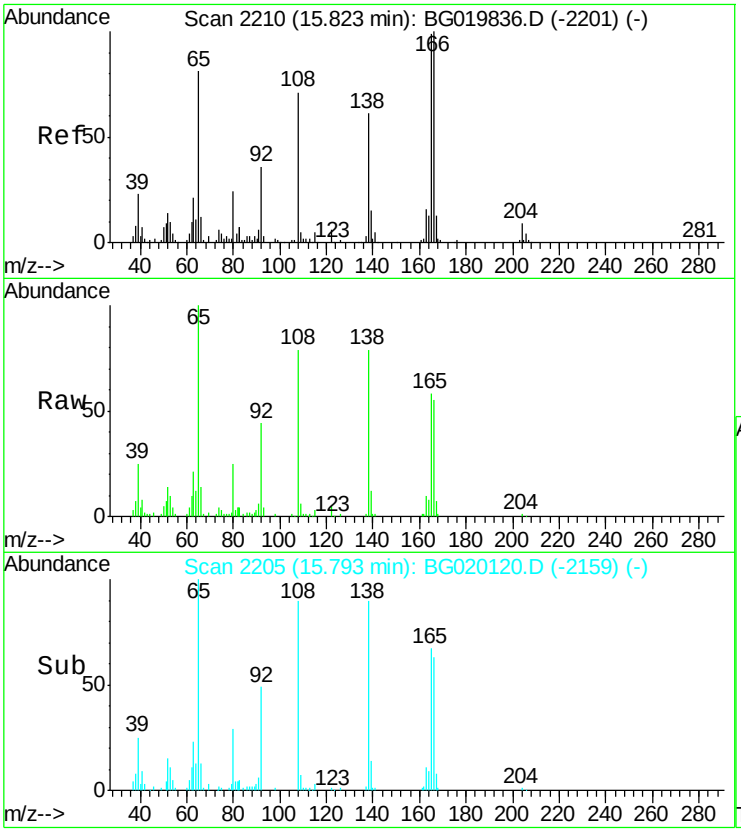




#60
4-Chlorophenyl-phenylether
Concen: 32.22 ng
RT: 15.76 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:204 Resp: 118218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 28.3 | 42.5 |
| 141 | 52.4 | 44.0 | 66.0 |



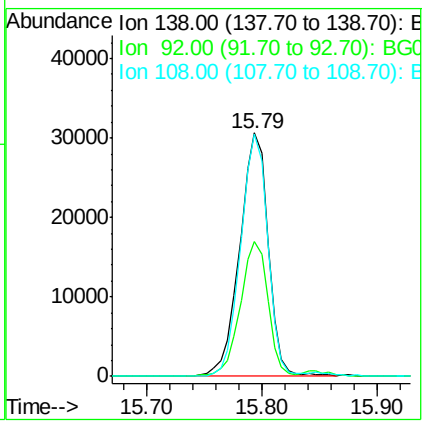


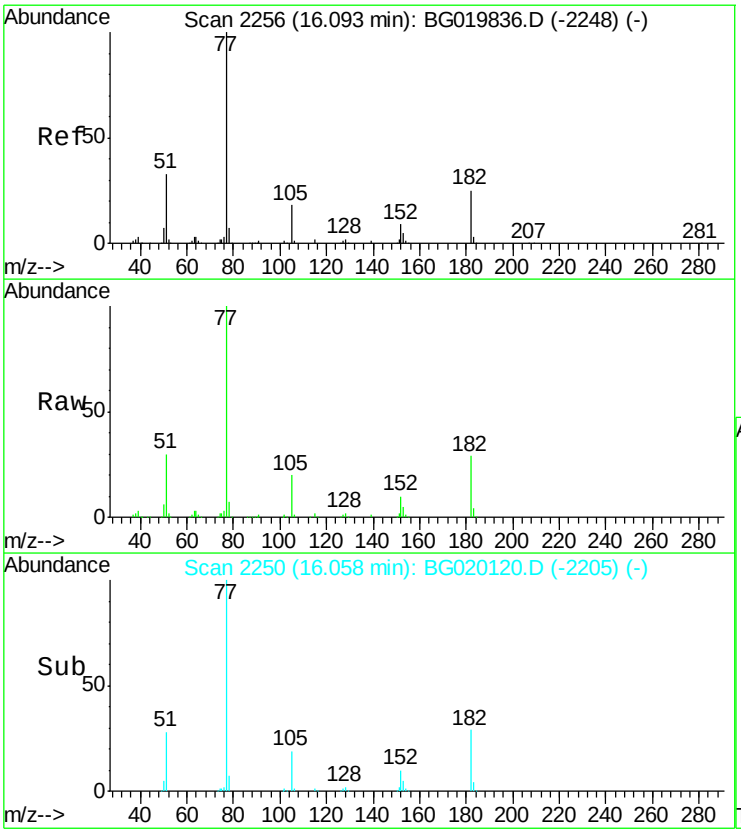

#61
4-Nitroaniline
Concen: 36.24 ng
RT: 15.79 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:138 Resp: 52569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 55.5 | 29.1 | 69.1 |
| 108 | 99.7 | 49.8 | 89.8# |

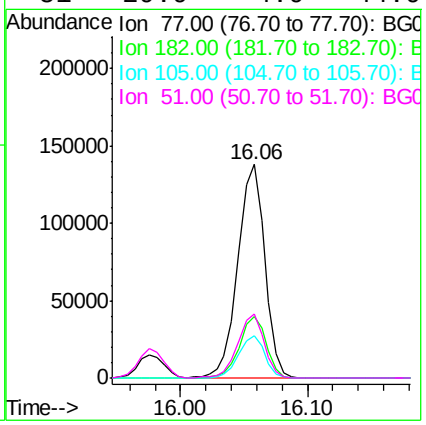


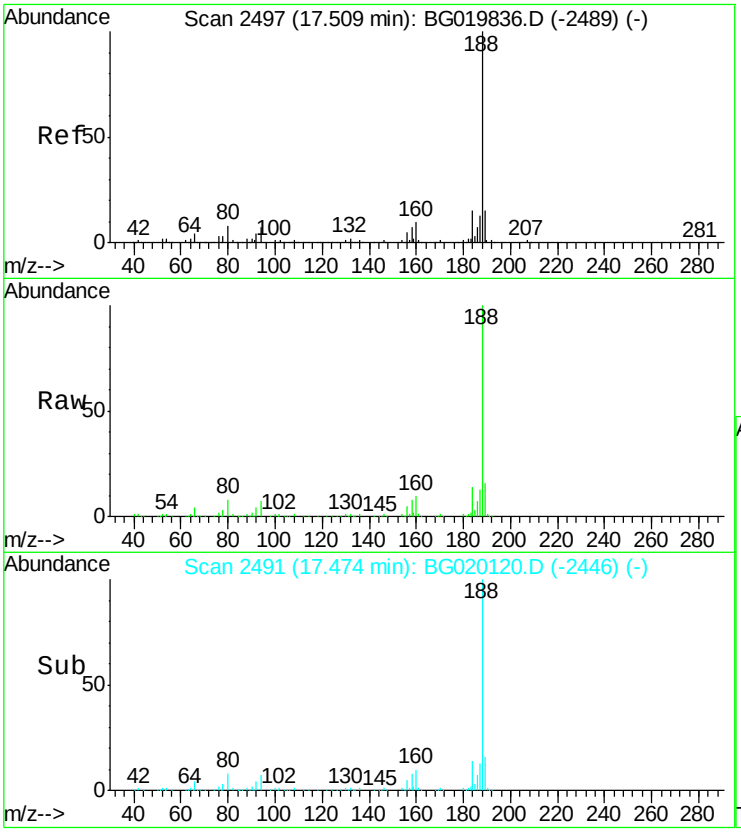




#62
Azobenzene
Concen: 34.21 ng
RT: 16.06 min Scan# 2250
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion: 77 Resp: 203452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.8 | 7.0 | 47.0 |
| 105 | 19.7 | 1.4 | 41.4 |
| 51 | 29.9 | 4.9 | 44.9 |



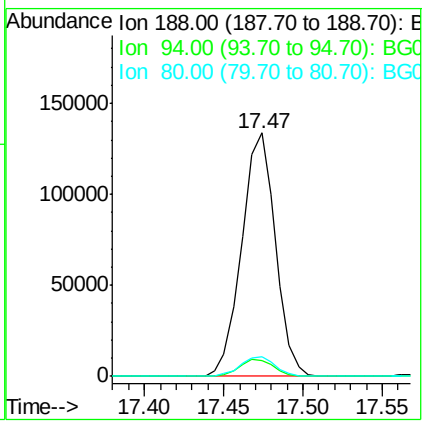


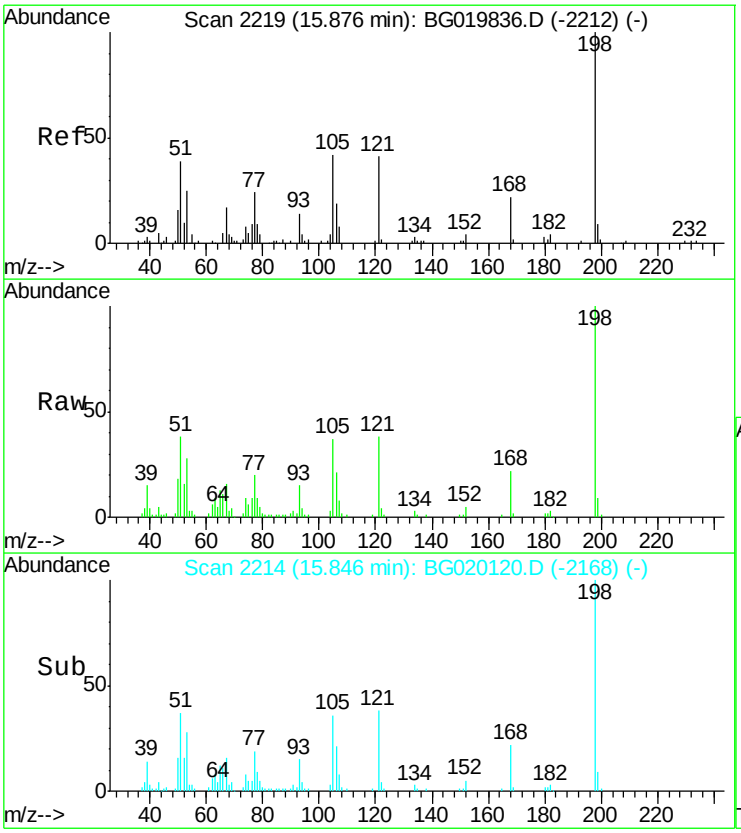

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:188 Resp: 197722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.5 | 7.7 | 11.5# |
| 80 | 8.3 | 7.8 | 11.8 |

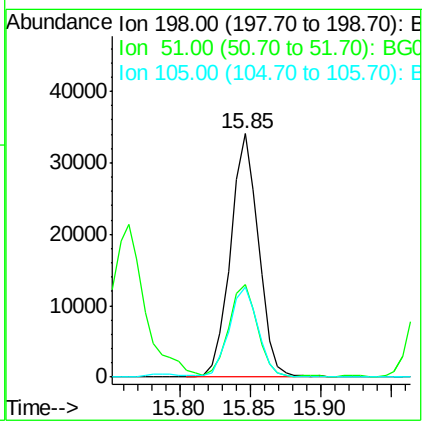


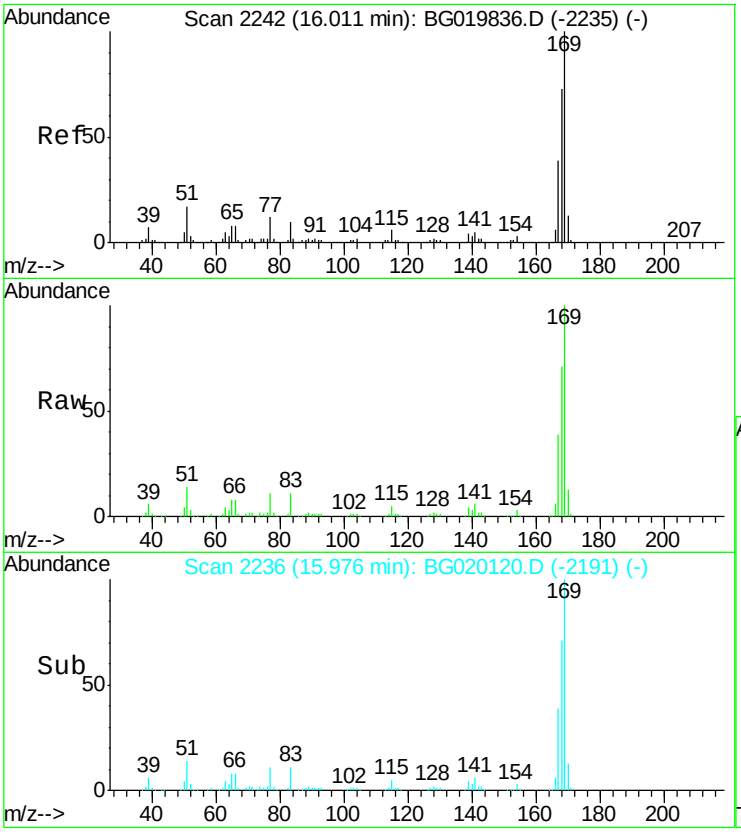




#64
4,6-Dinitro-2-methylphenol
Concen: 42.95 ng
RT: 15.85 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:198 Resp: 46896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 37.9 | 14.2 | 54.2 |
| 105 | 36.9 | 21.1 | 61.1 |



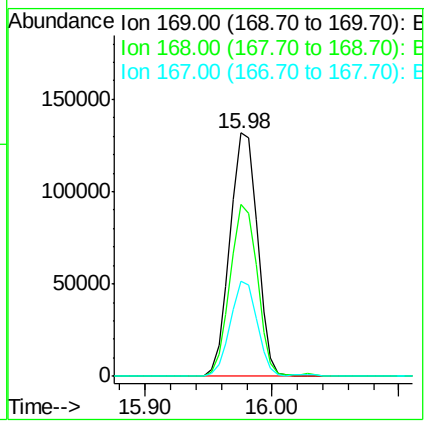


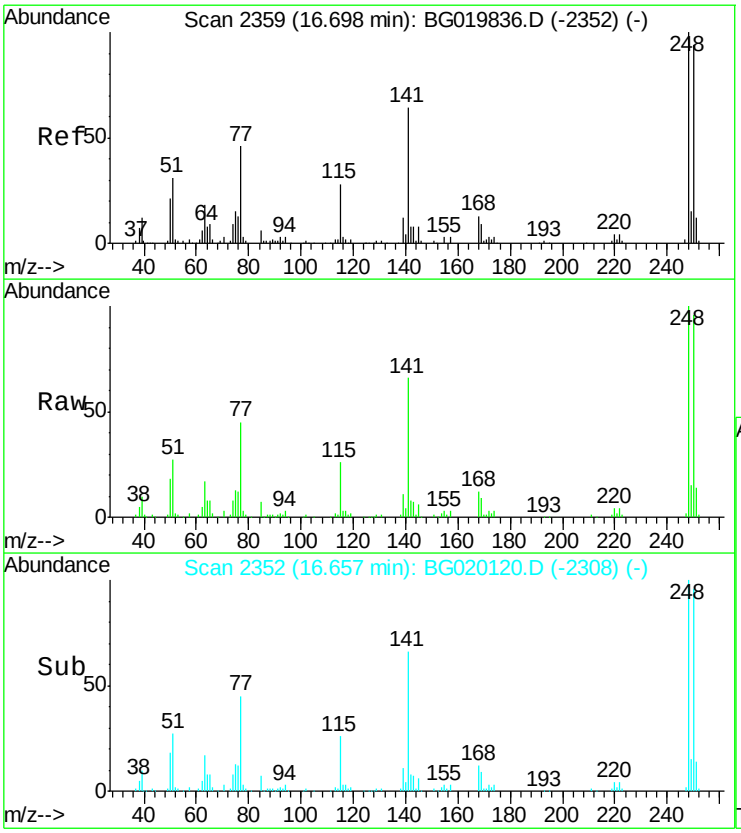

#65
n-Nitrosodiphenylamine
Concen: 34.49 ng
RT: 15.98 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:169 Resp: 197330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 70.7 | 58.2 | 87.2 |
| 167 | 39.0 | 32.7 | 49.1 |

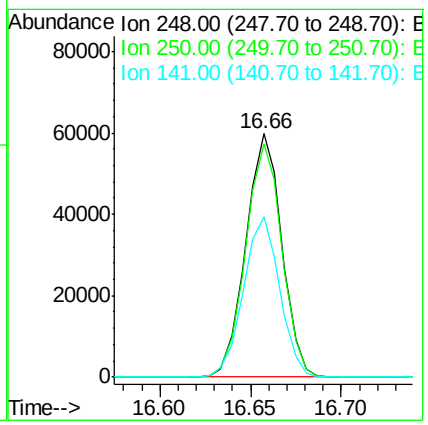


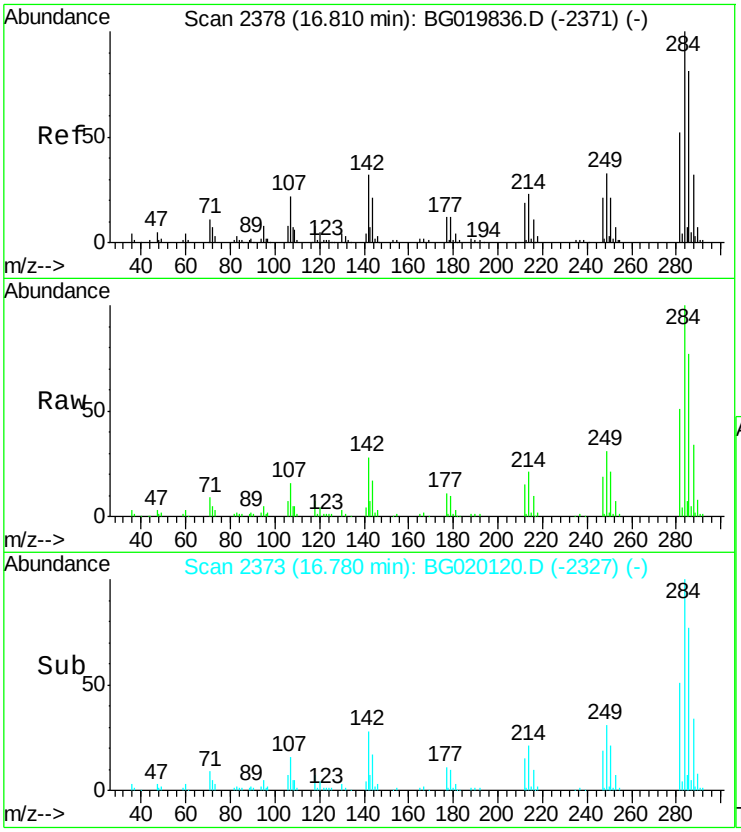




#66
4-Bromophenyl-phenylether
Concen: 33.45 ng
RT: 16.66 min Scan# 2352
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:248 Resp: 82188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.0 | 77.8 | 116.8 |
| 141 | 65.9 | 50.4 | 75.6 |



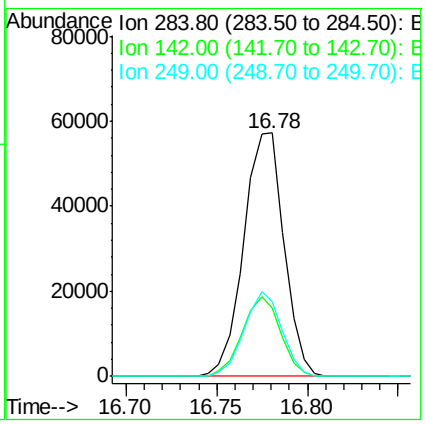


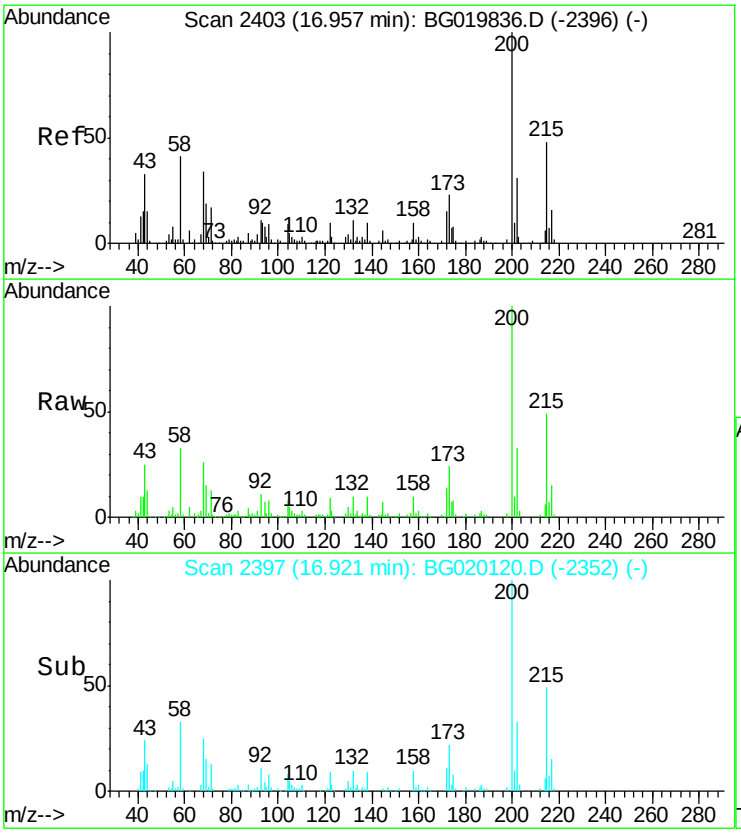

#67
Hexachlorobenzene
Concen: 34.49 ng
RT: 16.78 min Scan# 2373
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:284 Resp: 88275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 28.0 | 26.6 | 39.8 |
| 249 | 30.6 | 26.2 | 39.2 |

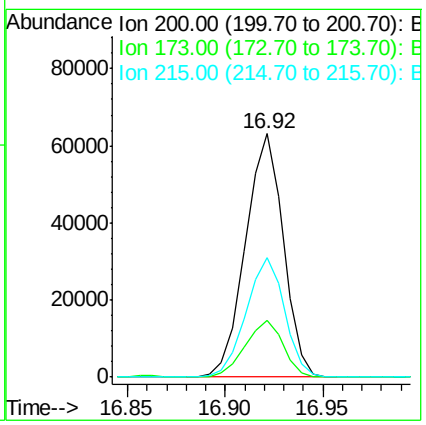


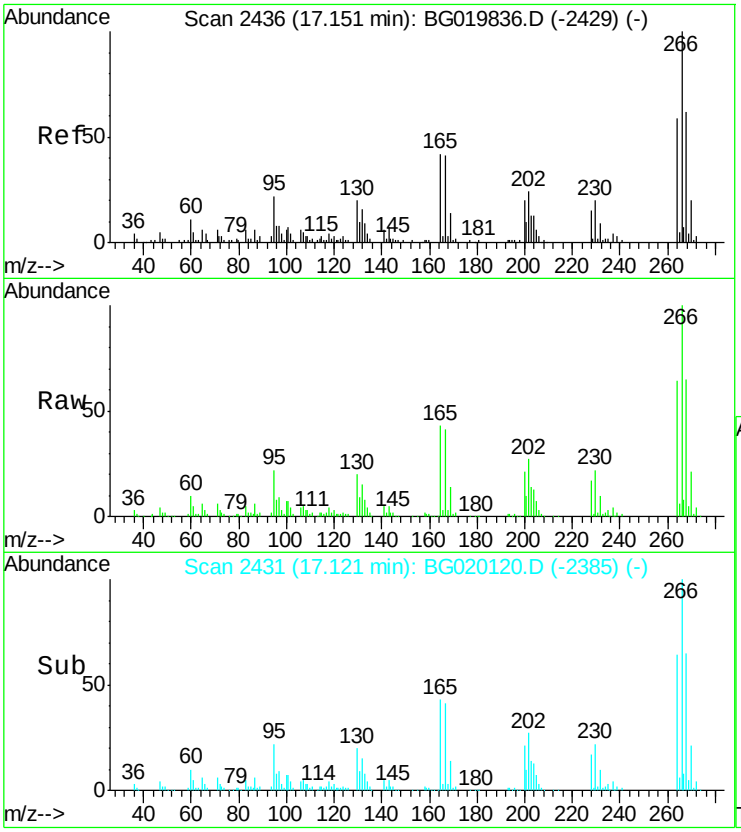




#68
Atrazine
Concen: 34.04 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:200 Resp: 84617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 23.5 | 5.2 | 45.2 |
| 215 | 48.9 | 27.0 | 67.0 |



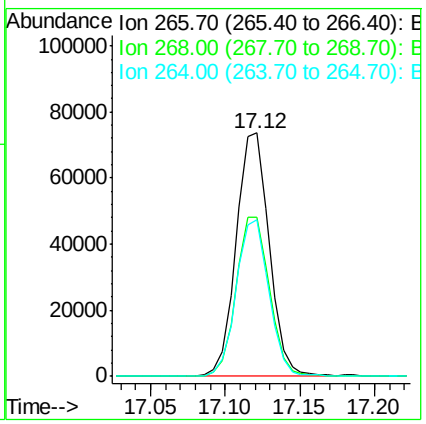


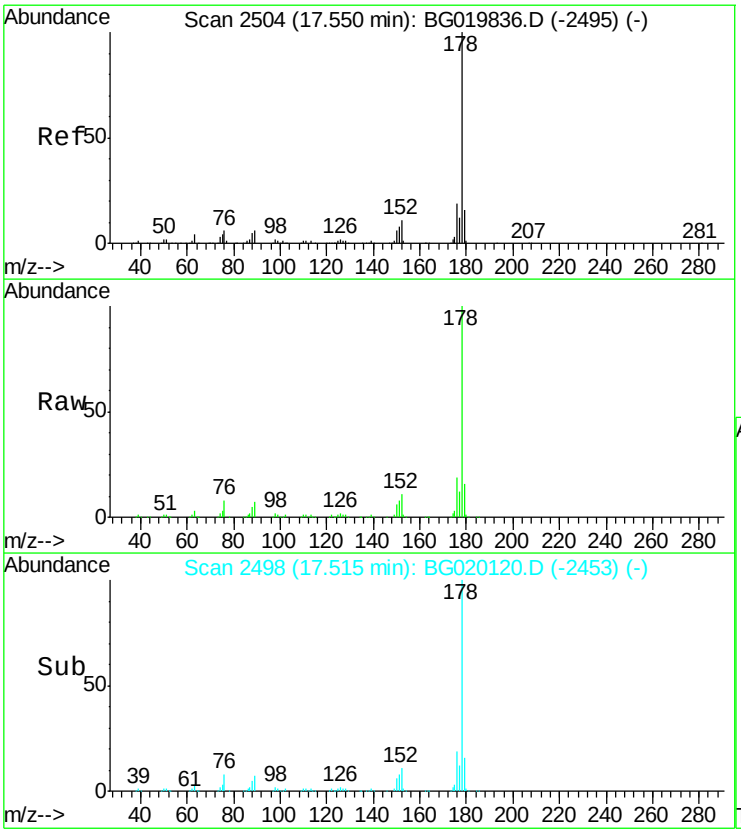

#69
Pentachlorophenol
Concen: 75.60 ng
RT: 17.12 min Scan# 2431
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:266 Resp: 112935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.2 | 47.6 | 71.4 |
| 264 | 64.3 | 48.1 | 72.1 |

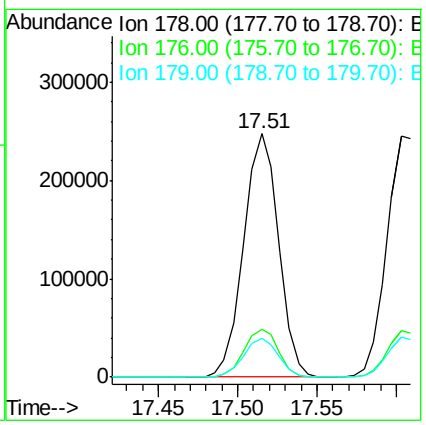


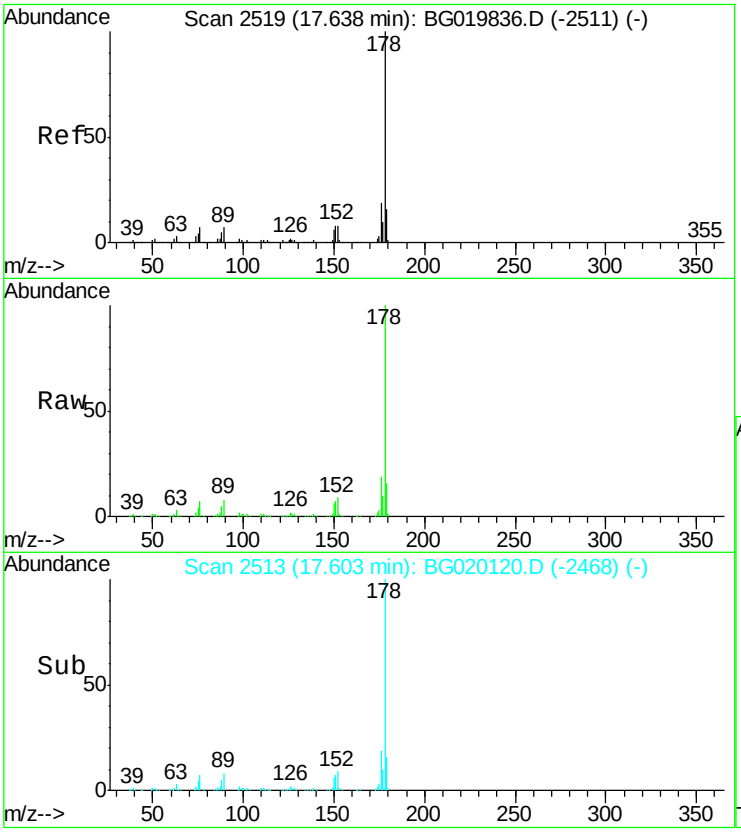




#70
Phenanthrene
Concen: 33.79 ng
RT: 17.51 min Scan# 2498
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:178 Resp: 378056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 16.7 | 25.1 |
| 179 | 16.1 | 13.9 | 20.9 |



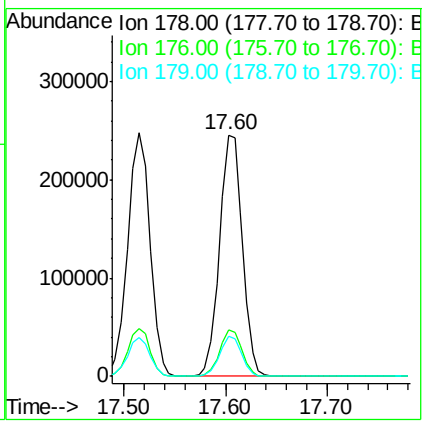


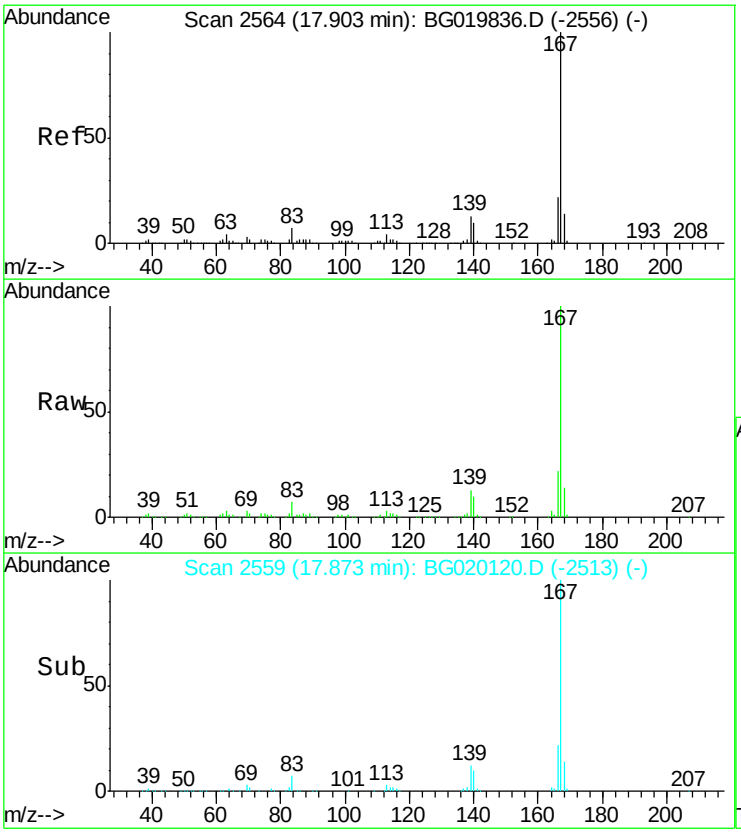

#71
Anthracene
Concen: 33.71 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:178 Resp: 384055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 16.8 | 25.2 |
| 179 | 16.4 | 13.9 | 20.9 |

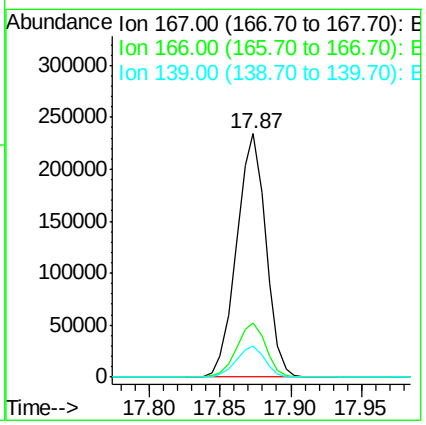


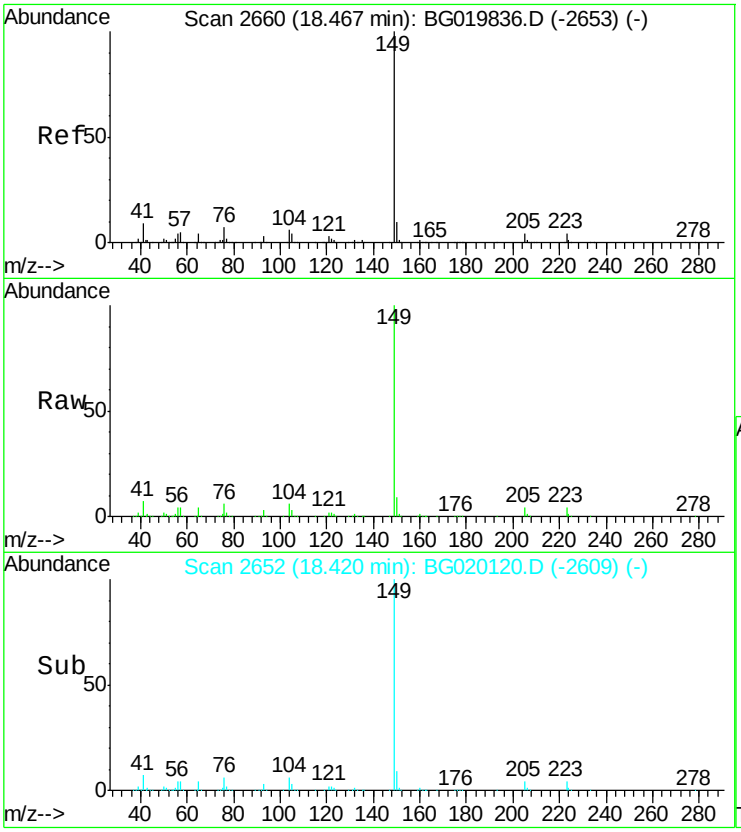




#72
Carbazole
Concen: 33.80 ng
RT: 17.87 min Scan# 2559
Delta R.T. -0.03 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:167 Resp: 339312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.3 | 19.0 | 28.6 |
| 139 | 13.0 | 10.2 | 15.4 |



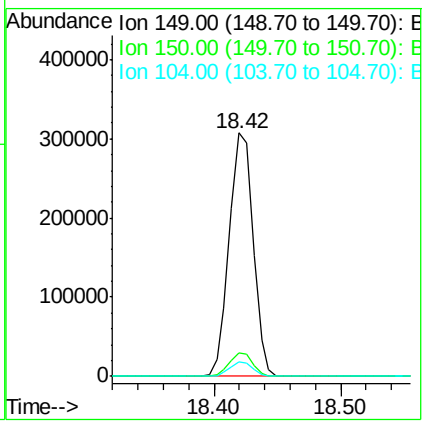


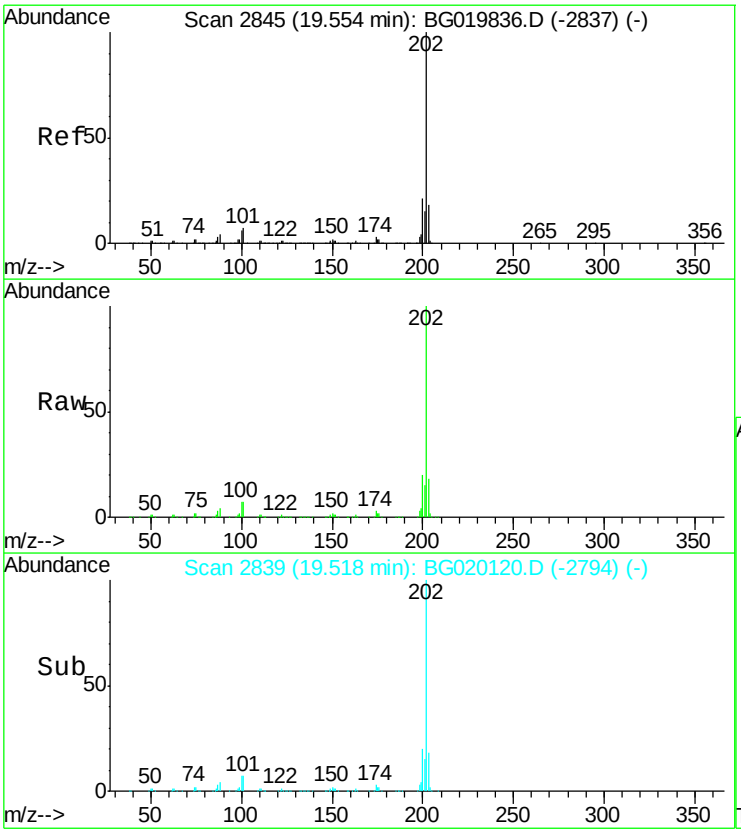

#73
Di-n-butylphthalate
Concen: 32.52 ng
RT: 18.42 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:149 Resp: 400081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 8.2 | 12.4 |
| 104 | 5.9 | 4.4 | 6.6 |

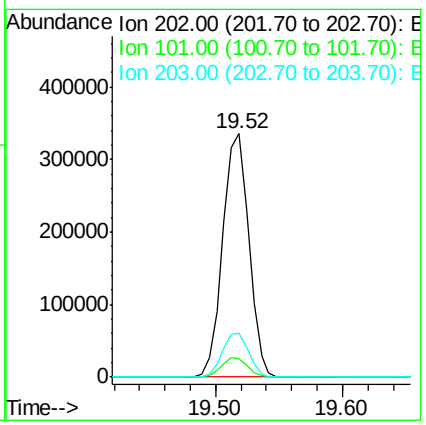


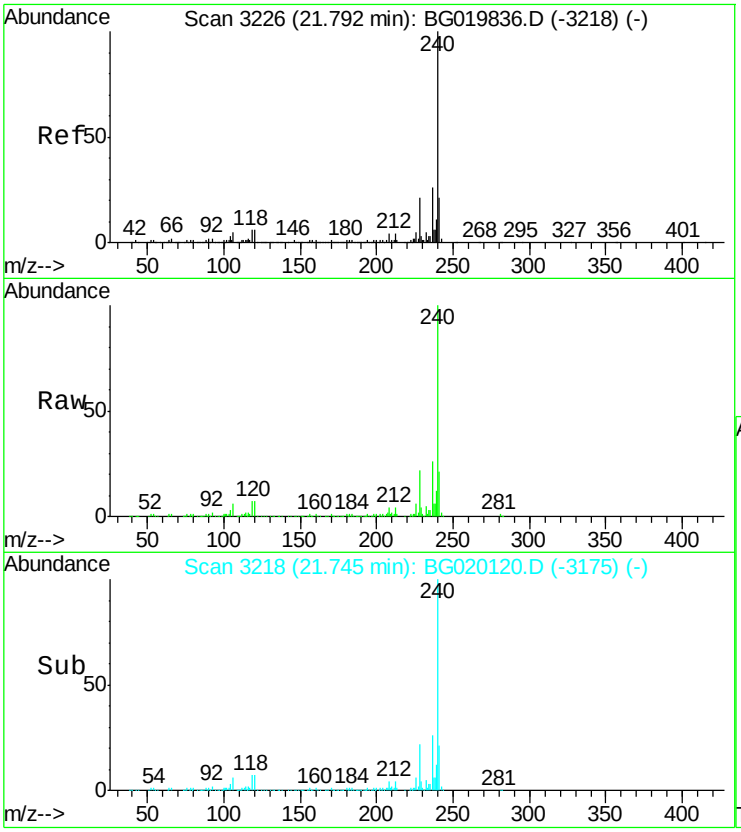




#74
Fluoranthene
Concen: 33.42 ng
RT: 19.52 min Scan# 2839
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:202 Resp: 478181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.5 | 0.0 | 32.4 |
| 203 | 17.9 | 0.0 | 39.5 |



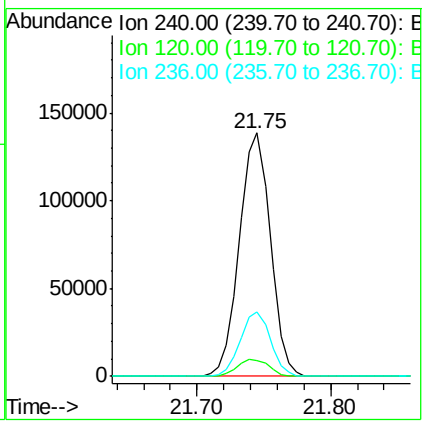


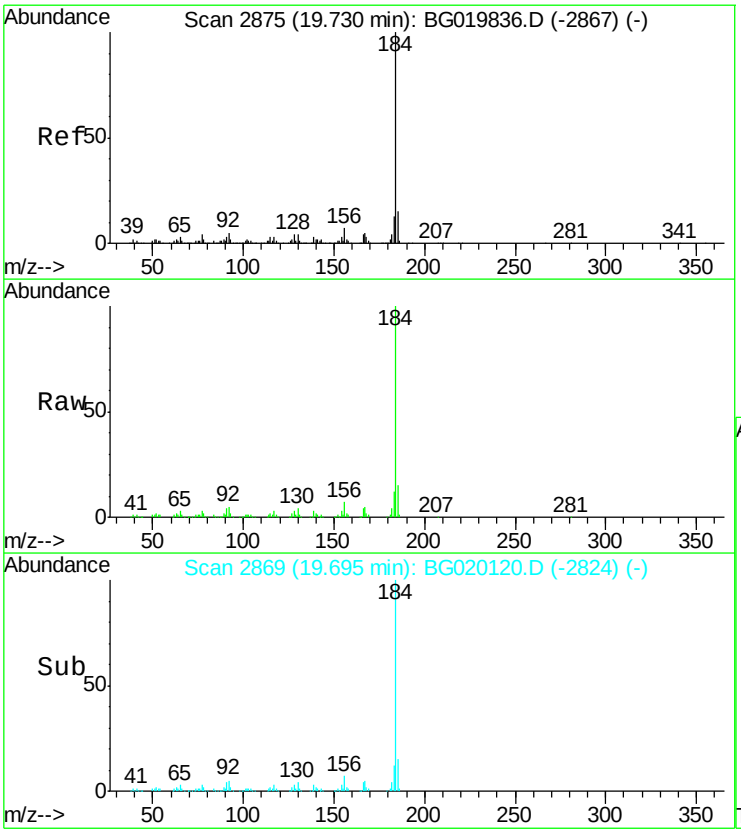

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.05 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:240 Resp: 222055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.6 | 7.4 | 11.0# |
| 236 | 26.3 | 20.7 | 31.1 |

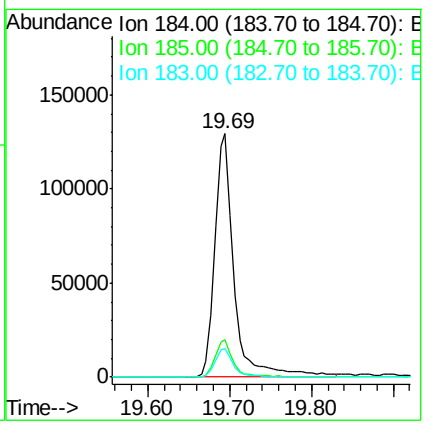


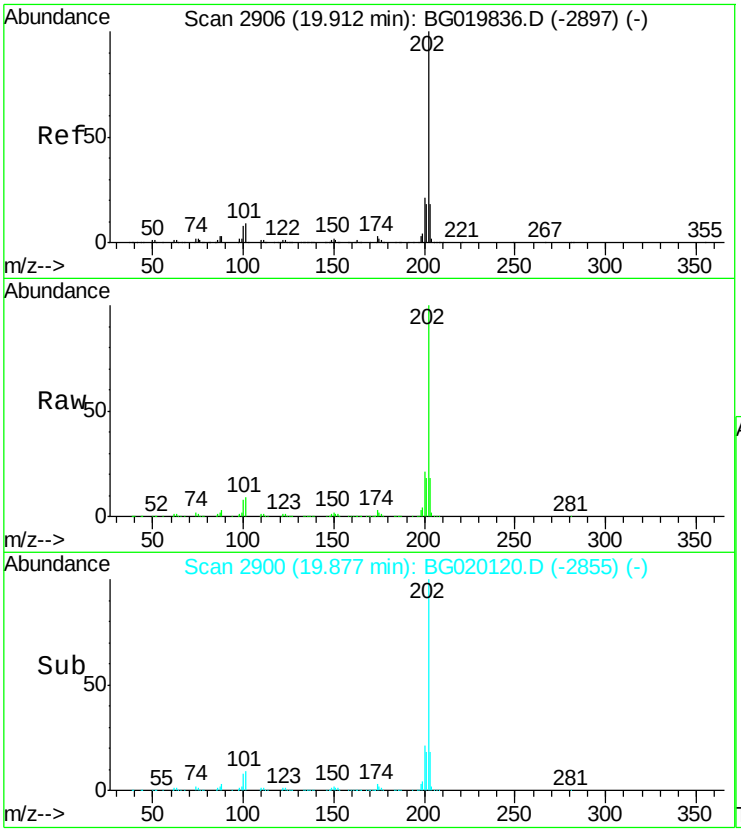




#76
Benzidine
Concen: 29.12 ng
RT: 19.69 min Scan# 2869
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:184 Resp: 212375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.3 | 13.4 | 20.2 |
| 183 | 11.6 | 10.1 | 15.1 |



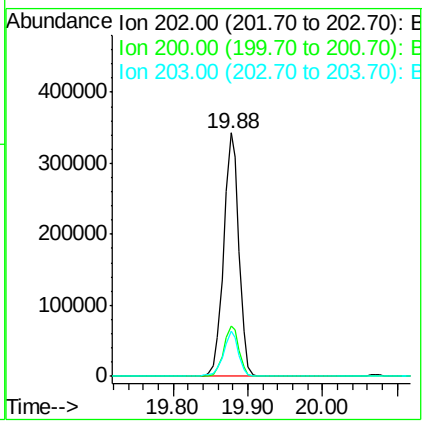


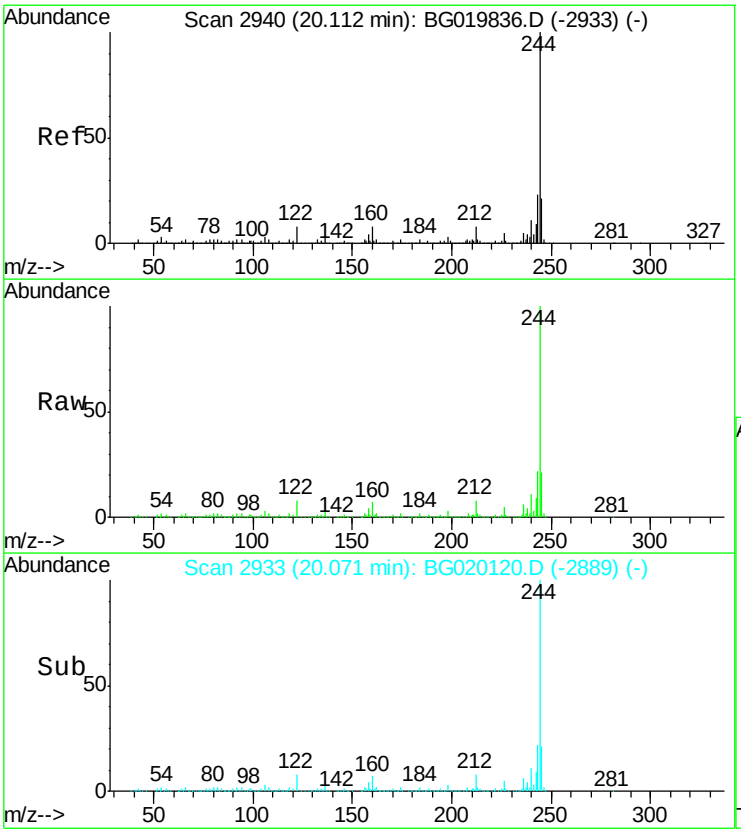

#77
Pyrene
Concen: 37.39 ng
RT: 19.88 min Scan# 2900
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:202 Resp: 488483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.8 | 19.4 | 29.0 |
| 203 | 18.5 | 15.5 | 23.3 |

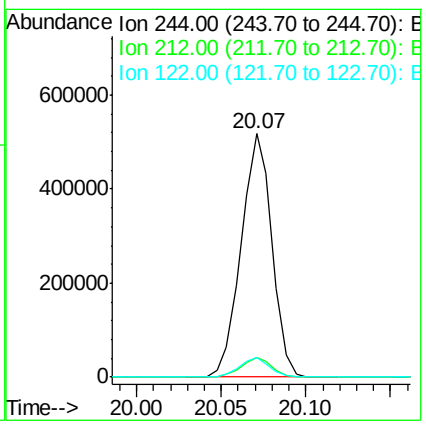


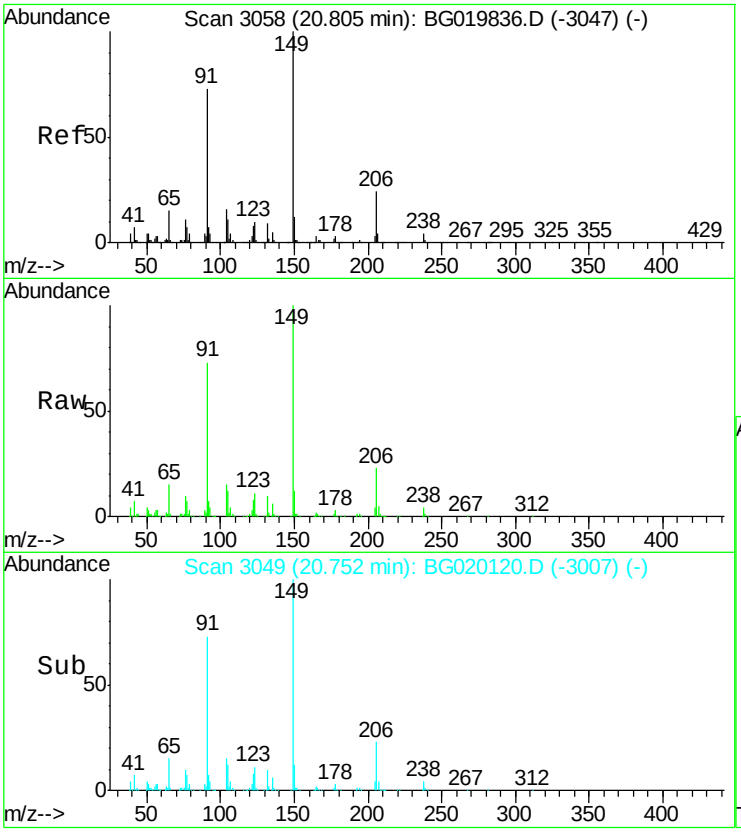




#78
Terphenyl-d14
Concen: 71.95 ng
RT: 20.07 min Scan# 2933
Delta R.T. -0.04 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:244 Resp: 654996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 6.9 | 10.3 |
| 122 | 8.0 | 10.2 | 15.2# |



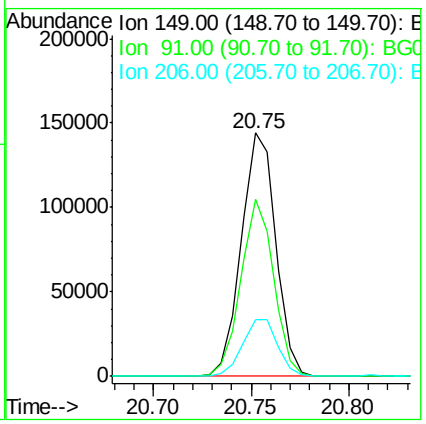


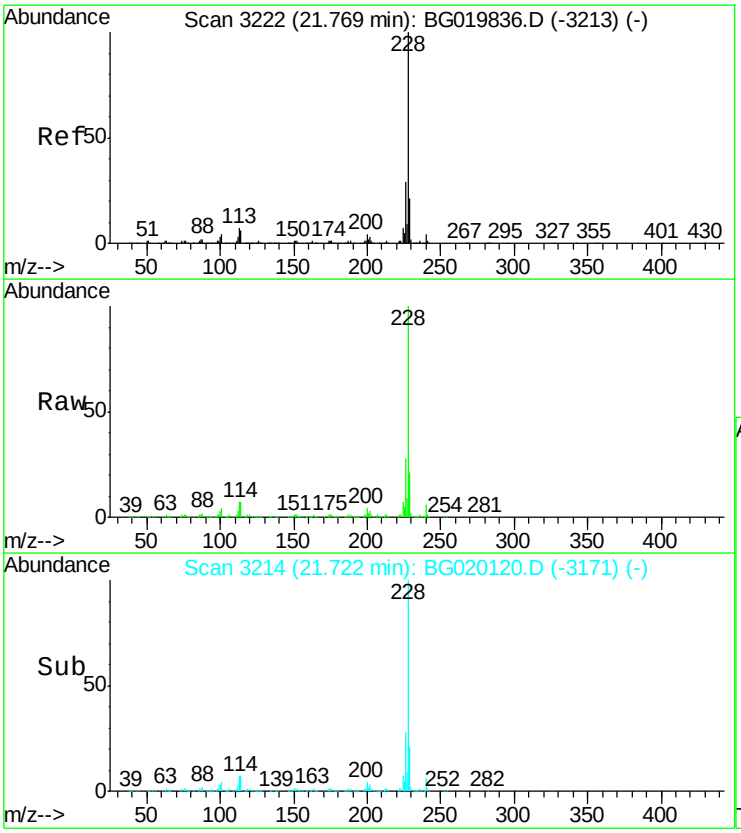

#79
Butylbenzylphthalate
Concen: 34.35 ng
RT: 20.75 min Scan# 3049
Delta R.T. -0.05 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:149 Resp: 175873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.7 | 58.1 | 87.1 |
| 206 | 23.3 | 17.8 | 26.8 |

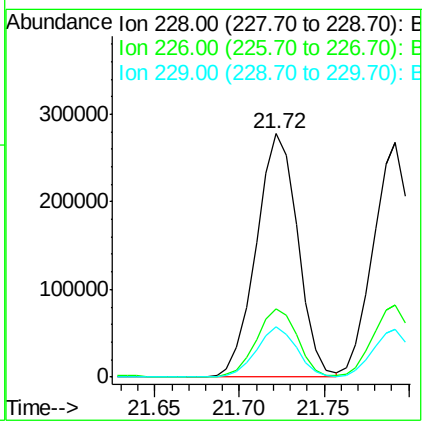


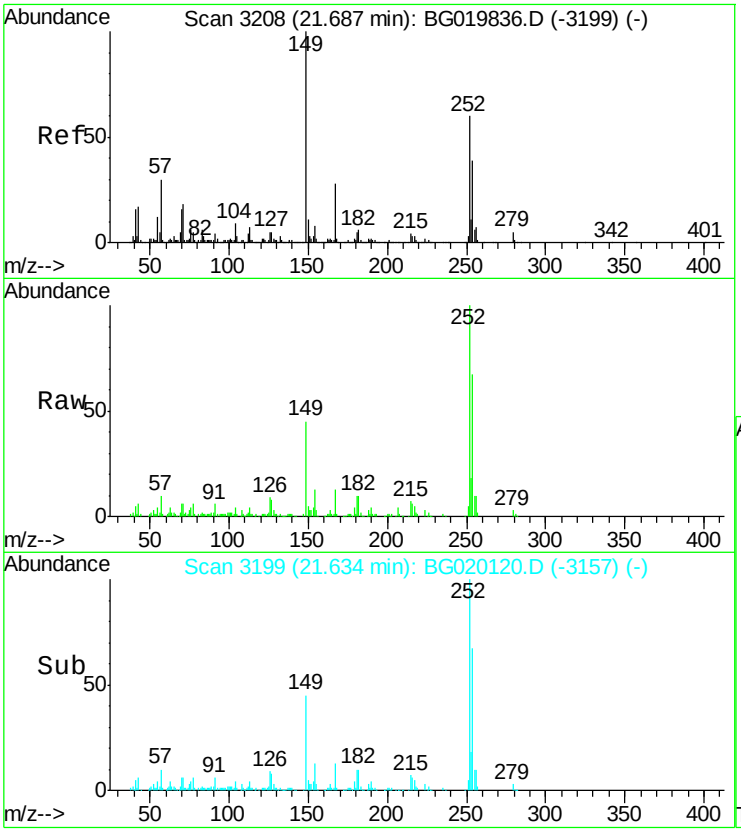




#80
Benzo(a)anthracene
Concen: 34.94 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.05 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:228 Resp: 474889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 23.4 | 35.0 |
| 229 | 20.5 | 16.6 | 25.0 |



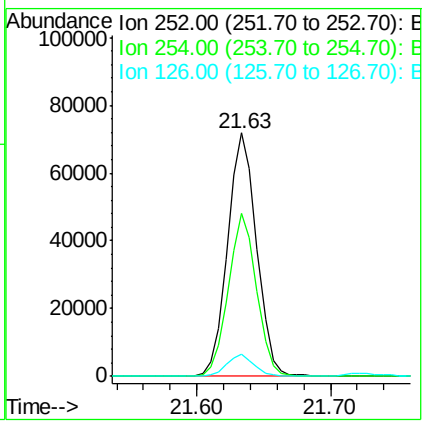


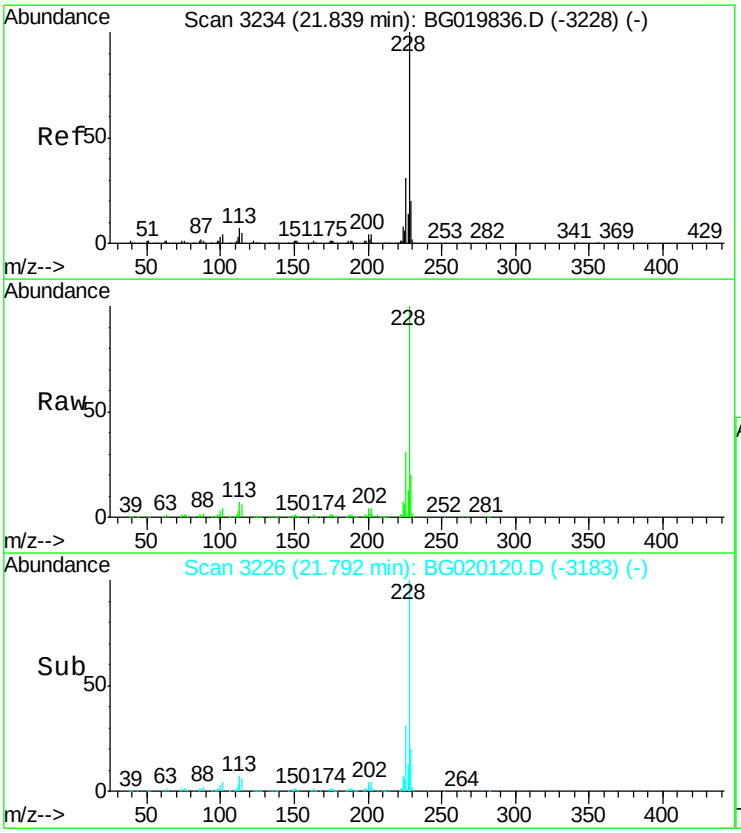

#81
3,3'-Dichlorobenzidine
Concen: 21.05 ng
RT: 21.63 min Scan# 3199
Delta R.T. -0.05 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:252 Resp: 108952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.9 | 52.5 | 78.7 |
| 126 | 8.9 | 8.5 | 12.7 |

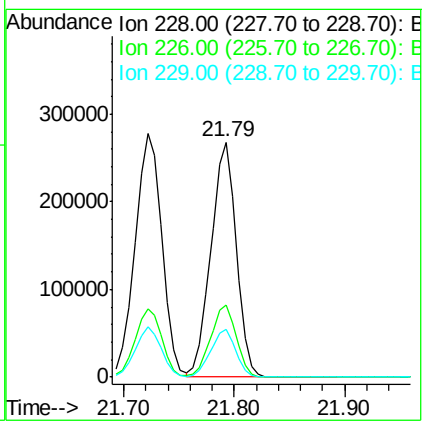


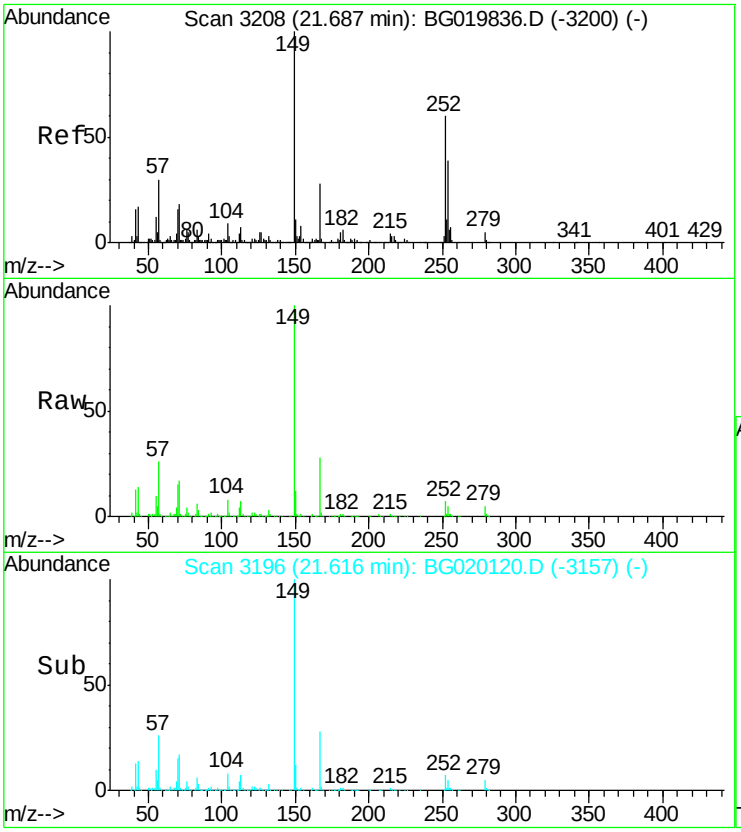




#82
Chrysene
Concen: 32.84 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.05 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:228 Resp: 423768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.9 | 26.7 | 40.1 |
| 229 | 20.1 | 17.0 | 25.6 |



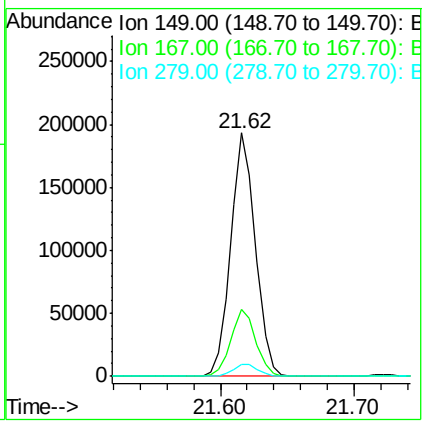


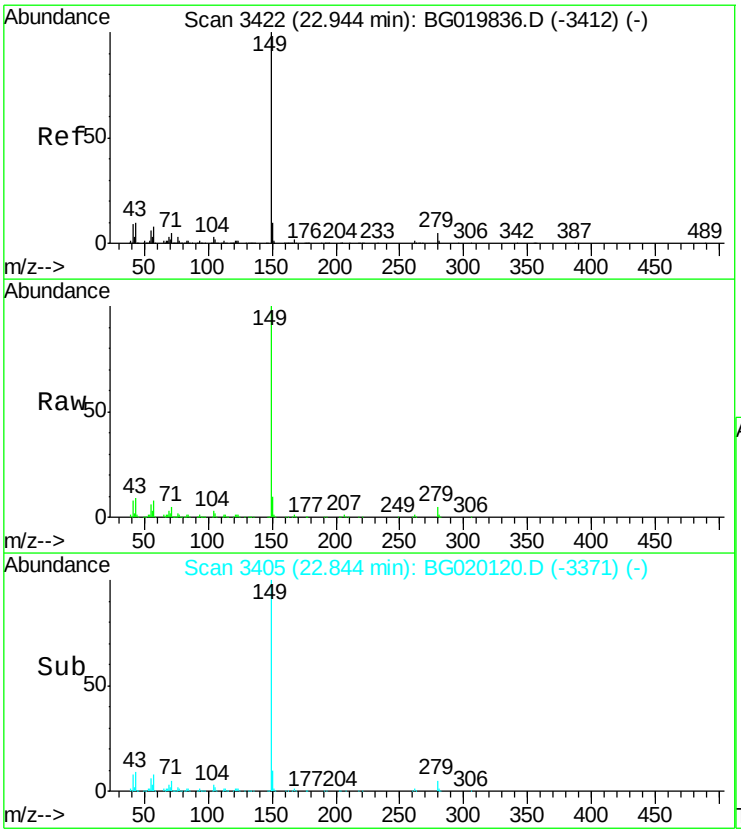

#83
Bis(2-ethylhexyl)phthalate
Concen: 33.19 ng
RT: 21.62 min Scan# 3196
Delta R.T. -0.07 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:149 Resp: 249438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.6 | 23.8 | 35.8 |
| 279 | 4.8 | 3.4 | 5.2 |

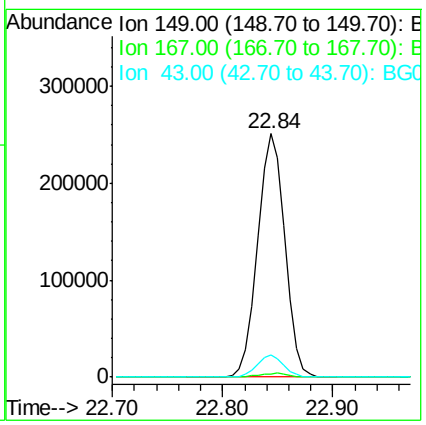


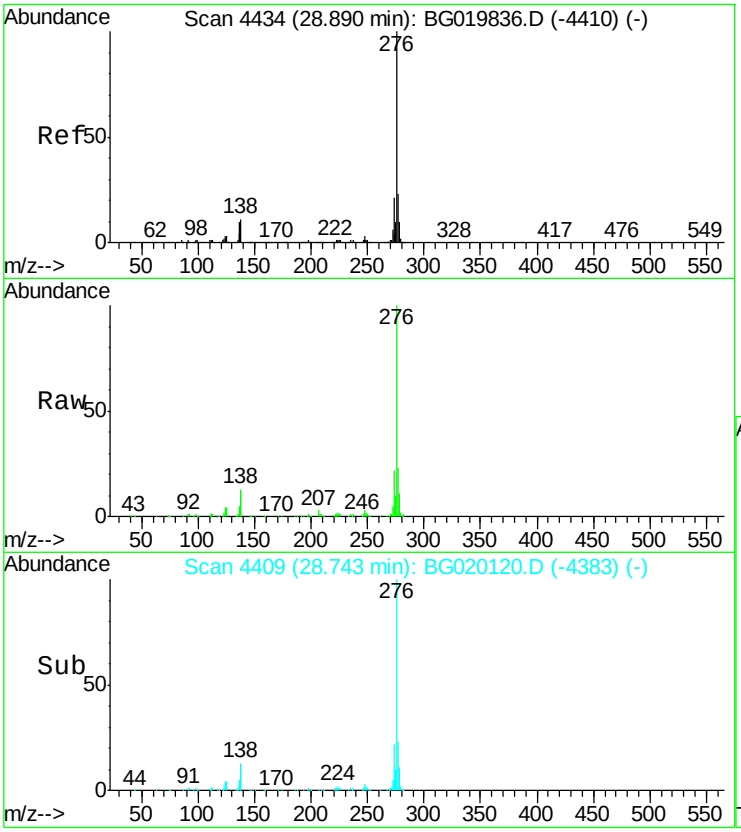




#84
Di-n-octyl phthalate
Concen: 35.49 ng
RT: 22.84 min Scan# 3405
Delta R.T. -0.10 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:149 Resp: 433596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 9.2 | 5.9 | 8.9# |



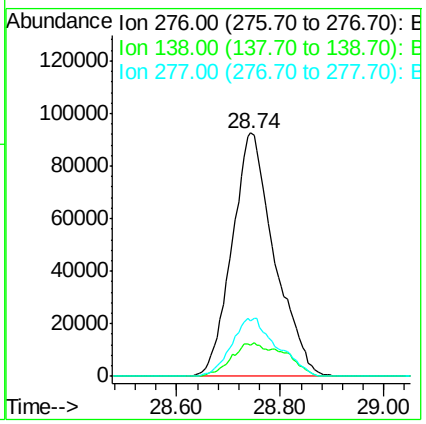


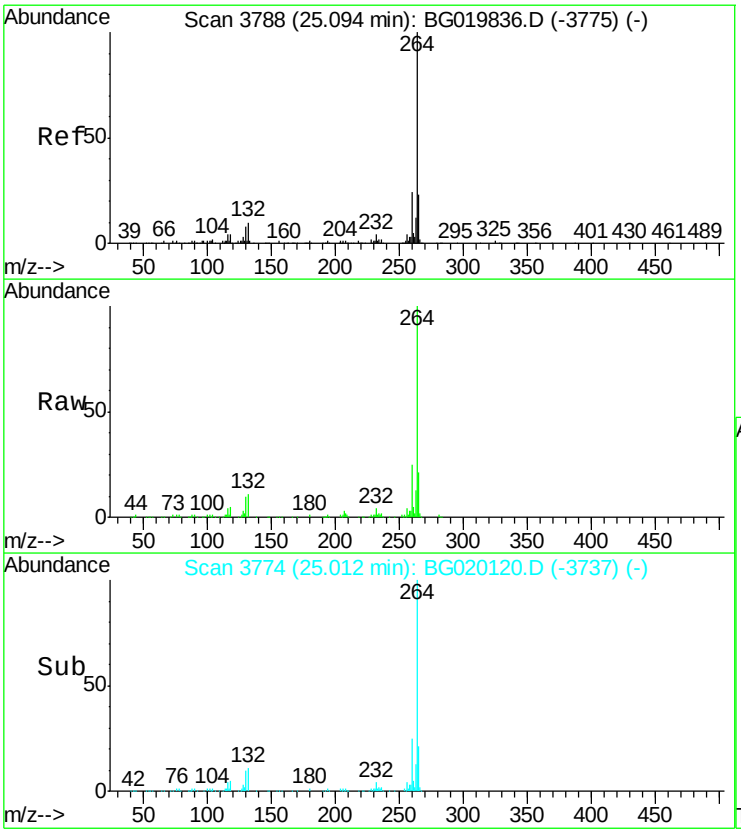

#85
Indeno(1,2,3-cd)pyrene
Concen: 37.04 ng
RT: 28.74 min Scan# 4409
Delta R.T. -0.15 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:276 Resp: 526587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 17.4 | 0.0 | 0.0# |
| 277 | 25.6 | 0.0 | 0.0# |

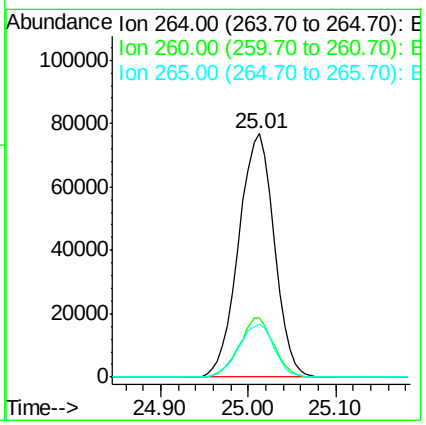


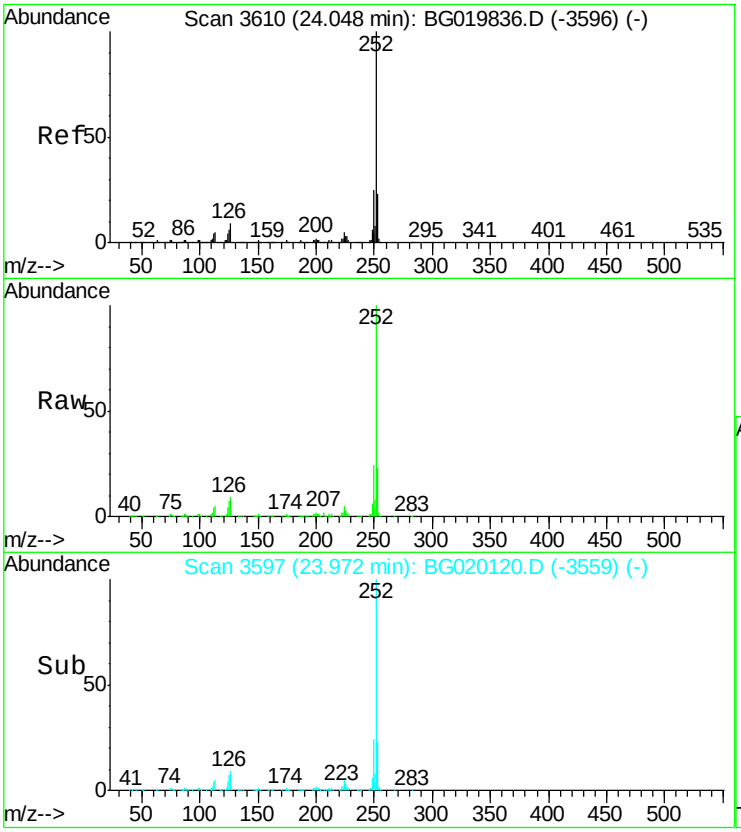




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.01 min Scan# 3774
Delta R.T. -0.08 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:264 Resp: 212387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 18.5 | 27.7 |
| 265 | 21.5 | 17.2 | 25.8 |



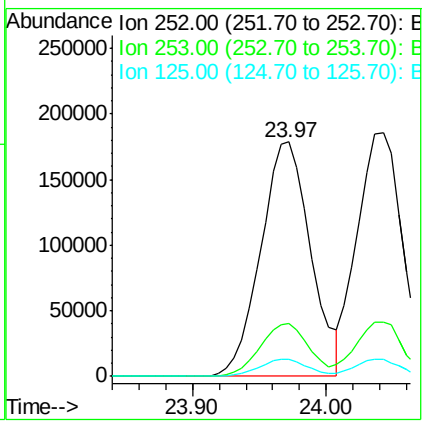


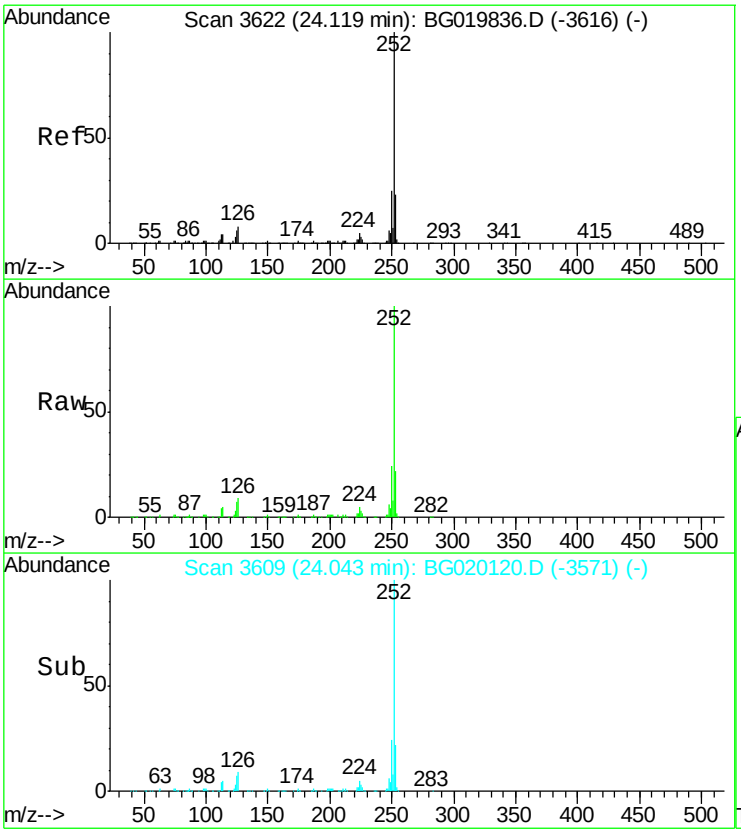

#87
Benzo(b)fluoranthene
Concen: 34.43 ng
RT: 23.97 min Scan# 3597
Delta R.T. -0.08 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:252 Resp: 463453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 19.1 | 28.7 |
| 125 | 7.4 | 8.9 | 13.3# |

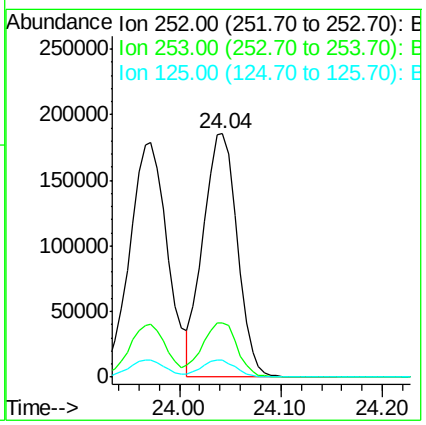


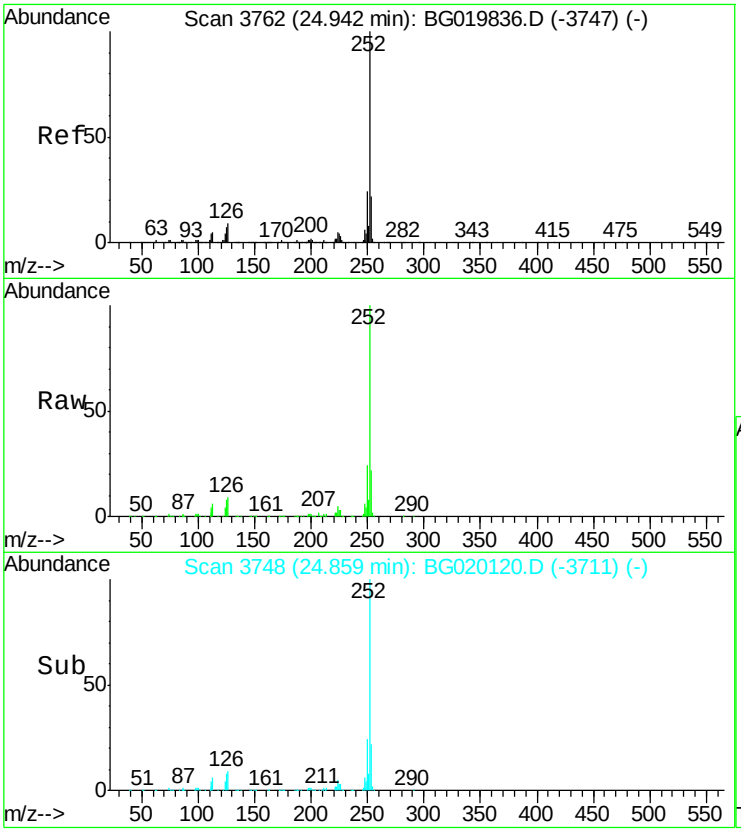




#88
Benzo(k)fluoranthene
Concen: 32.49 ng
RT: 24.04 min Scan# 3609
Delta R.T. -0.08 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:252 Resp: 433152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 19.0 | 28.4 |
| 125 | 6.8 | 8.9 | 13.3# |



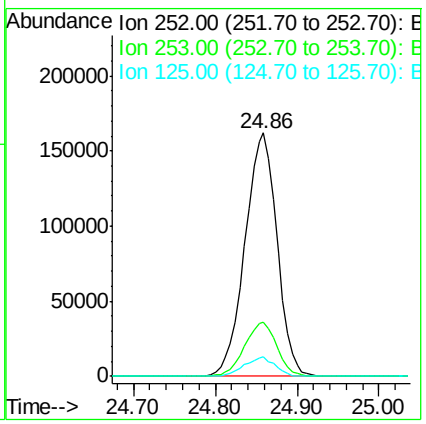


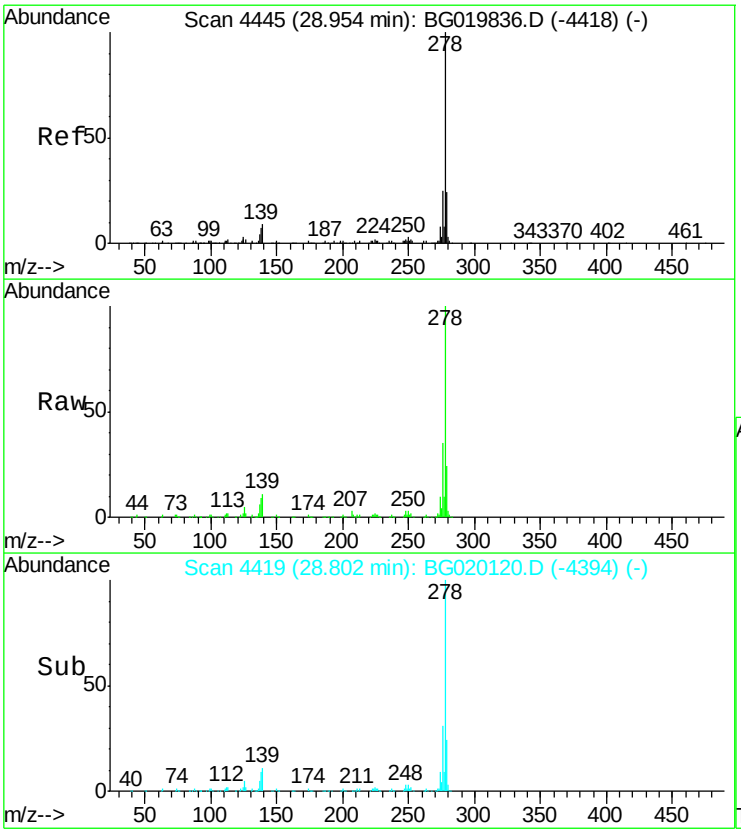

#89
Benzo(a)pyrene
Concen: 34.49 ng
RT: 24.86 min Scan# 3748
Delta R.T. -0.08 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:252 Resp: 440783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.7 | 28.1 |
| 125 | 8.1 | 9.1 | 13.7# |

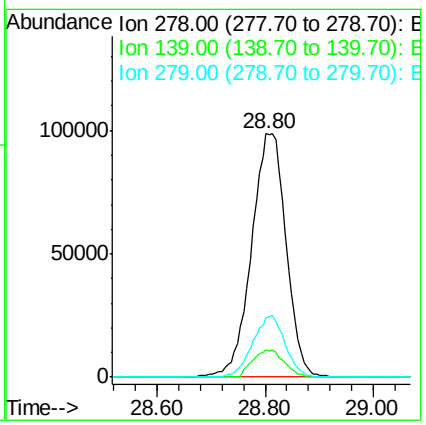


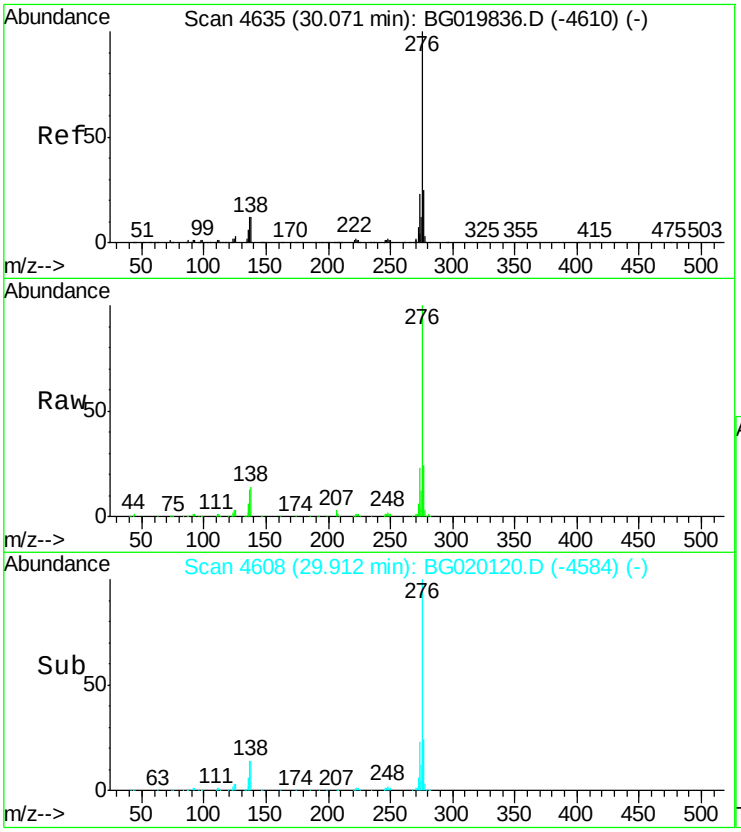




#90
Dibenzo(a,h)anthracene
Concen: 34.53 ng
RT: 28.80 min Scan# 4419
Delta R.T. -0.15 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

Tgt Ion:278 Resp: 435976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 11.5 | 13.8 | 20.6# |
| 279 | 24.5 | 19.4 | 29.0 |






#91
Benzo(g,h,i)perylene
Concen: 34.62 ng
RT: 29.91 min Scan# 4608
Delta R.T. -0.16 min
Lab File: BG020120.D
Acq: 12 Dec 2015 00:01

**Instrument :**
BNA_G
**ClientSampleId :**
PB87210BS

Tgt Ion:276 Resp: 429238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 18.4 | 27.6 |
| 138 | 13.9 | 17.4 | 26.0# |