Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018647.D
Acq On : 11 Sep 2015 20:05
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040EC

Quant Time: Sep 12 00:38:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.00 | 152 | 65286 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.81 | 136 | 299956 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.63 | 164 | 197440 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.38 | 188 | 523646 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.64 | 240 | 562037 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.82 | 264 | 580723 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.58 | 112 | 296114 | 78.35 | ng | | 0.00 |
| 7) Phenol-d6 | 7.16 | 99 | 442602 | 81.68 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.16 | 82 | 416310 | 77.66 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.12 | 330 | 203725 | 76.63 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.26 | 172 | 1078194 | 75.81 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.98 | 244 | 1612480 | 75.34 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.48 | 88 | 60937 | 38.58 | ng | # | 100 |
| 3) Pyridine | 3.87 | 79 | 212826 | 43.46 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.79 | 42 | 74354 | 43.60 | ng | | 87 |
| 6) Aniline | 7.33 | 93 | 332177 | 44.48 | ng | | 98 |
| 8) 2-Chlorophenol | 7.57 | 128 | 189897 | 43.52 | ng | | 97 |
| 9) Benzaldehyde | 7.14 | 77 | 117811 | 40.38 | ng | | 94 |
| 10) Phenol | 7.19 | 94 | 254922 | 44.53 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.42 | 93 | 193564 | 43.63 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.89 | 146 | 216374 | 42.61 | ng | | 93 |
| 13) 1,4-Dichlorobenzene | 8.04 | 146 | 215754 | 42.37 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.36 | 146 | 211230 | 43.45 | ng | | 98 |
| 15) Benzyl Alcohol | 8.24 | 79 | 178576 | 45.72 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54 | 45 | 221149 | 43.90 | ng | | 99 |
| 17) 2-Methylphenol | 8.45 | 107 | 178859 | 44.97 | ng | | 94 |
| 18) Hexachloroethane | 9.09 | 117 | 76341 | 41.93 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.81 | 70 | 173359 | 45.42 | ng | | 99 |
| 20) 3+4-Methylphenols | 8.77 | 107 | 260048 | 46.56 | ng | | 96 |
| 22) Acetophenone | 8.82 | 105 | 290392 | 38.21 | ng | # | 97 |
| 24) Nitrobenzene | 9.21 | 77 | 244880 | 43.02 | ng | | 99 |
| 25) Isophorone | 9.73 | 82 | 490941 | 42.58 | ng | | 98 |
| 26) 2-Nitrophenol | 9.92 | 139 | 119156 | 44.87 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.98 | 122 | 212119 | 43.99 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93 | 286598 | 43.30 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.45 | 162 | 214578 | 44.03 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.67 | 180 | 227266 | 42.08 | ng | | 94 |
| 31) Naphthalene | 10.86 | 128 | 679614 | 42.31 | ng | | 99 |
| 32) Benzoic acid | 10.11 | 122 | 143039 | 37.76 | ng | | 96 |
| 33) 4-Chloroaniline | 10.97 | 127 | 315994 | 43.47 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.15 | 225 | 132740 | 41.69 | ng | | 96 |
| 35) Caprolactam | 11.74 | 113 | 82731 | 39.49 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 12.09 | 107 | 236712 | 43.54 | ng | | 94 |
| 37) 2-Methylnaphthalene | 12.46 | 142 | 503978 | 42.87 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 242074 | 38.66 | ng | | 100 |
| 40) Hexachlorocyclopentadiene | 12.81 | 237 | 139937 | 44.50 | ng | | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018647.D
Acq On : 11 Sep 2015 20:05
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SSTDCCC040EC

Quant Time: Sep 12 00:38:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 13.06 | 196 | 194752 | 44.91 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 13.14 | 196 | 206625 | 43.43 | ng | | 97 |
| 45) 1,1'-Biphenyl | 13.47 | 154 | 612736 | 39.03 | ng | | 99 |
| 46) 2-Chloronaphthalene | 13.51 | 162 | 519108 | 42.91 | ng | | 99 |
| 47) 2-Nitroaniline | 13.71 | 65 | 165697 | 45.52 | ng | | 92 |
| 48) Acenaphthylene | 14.36 | 152 | 920586 | 43.05 | ng | | 99 |
| 49) Dimethylphthalate | 14.09 | 163 | 698849 | 42.74 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 14.20 | 165 | 156803 | 44.14 | ng | | 95 |
| 51) Acenaphthene | 14.70 | 154 | 558596 | 44.90 | ng | | 99 |
| 52) 3-Nitroaniline | 14.53 | 138 | 187499 | 44.17 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 14.74 | 184 | 65904 | 40.80 | ng | | 96 |
| 54) Dibenzofuran | 15.03 | 168 | 821527 | 42.49 | ng | | 99 |
| 55) 4-Nitrophenol | 14.84 | 139 | 148024 | 45.17 | ng | | 96 |
| 56) 2,4-Dinitrotoluene | 14.99 | 165 | 225373 | 44.74 | ng | | 98 |
| 57) Fluorene | 15.68 | 166 | 706448 | 42.44 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.25 | 232 | 189260 | 42.42 | ng | | 99 |
| 59) Diethylphthalate | 15.45 | 149 | 715224 | 41.94 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204 | 342213 | 42.79 | ng | | 96 |
| 61) 4-Nitroaniline | 15.70 | 138 | 201585 | 44.05 | ng | | 99 |
| 62) Azobenzene | 15.96 | 77 | 643337 | 42.69 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.75 | 198 | 112391 | 40.75 | ng | | 92 |
| 65) n-Nitrosodiphenylamine | 15.88 | 169 | 632493 | 41.70 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 16.57 | 248 | 226362 | 42.50 | ng | | 98 |
| 67) Hexachlorobenzene | 16.68 | 284 | 243979 | 42.17 | ng | | 99 |
| 68) Atrazine | 16.83 | 200 | 229868 | 38.12 | ng | | 99 |
| 69) Pentachlorophenol | 17.03 | 266 | 163978 | 45.95 | ng | | 98 |
| 70) Phenanthrene | 17.42 | 178 | 1134986 | 41.21 | ng | | 98 |
| 71) Anthracene | 17.51 | 178 | 1167642 | 41.87 | ng | | 99 |
| 72) Carbazole | 17.78 | 167 | 1141999 | 42.31 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.33 | 149 | 1370196 | 43.04 | ng | | 99 |
| 74) Fluoranthene | 19.43 | 202 | 1428334 | 41.87 | ng | | 98 |
| 76) Benzidine | 19.60 | 184 | 662802 | 39.27 | ng | | 99 |
| 77) Pyrene | 19.78 | 202 | 1442994 | 41.78 | ng | | 98 |
| 79) Butylbenzylphthalate | 20.67 | 149 | 611832 | 43.57 | ng | | 97 |
| 80) Benzo(a)anthracene | 21.62 | 228 | 1358610 | 41.99 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.53 | 252 | 481139 | 39.14 | ng | | 99 |
| 82) Chrysene | 21.68 | 228 | 1289110 | 42.31 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.52 | 149 | 881206 | 43.50 | ng | | 100 |
| 84) Di-n-octyl phthalate | 22.72 | 149 | 1499132 | 43.76 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 28.47 | 276 | 1688045 | 43.63 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 23.82 | 252 | 1429961 | 42.46 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 23.88 | 252 | 1397433 | 41.42 | ng | | 99 |
| 89) Benzo(a)pyrene | 24.68 | 252 | 1366565 | 42.65 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 28.53 | 278 | 1351408 | 42.83 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 29.60 | 276 | 1362848 | 42.42 | ng | | 97 |

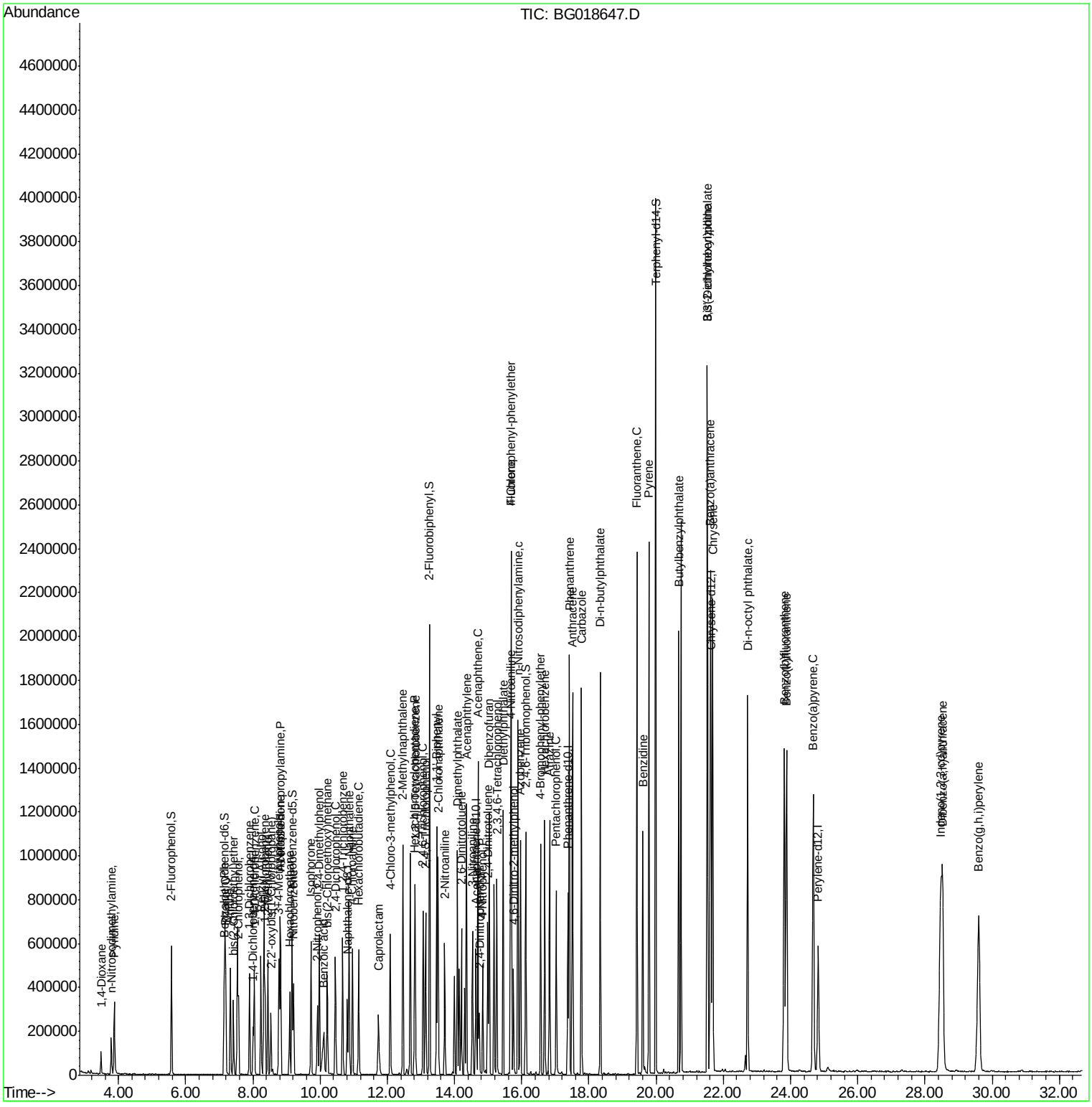
(#) = qualifier out of range (m) = manual integration (+) = signals summed

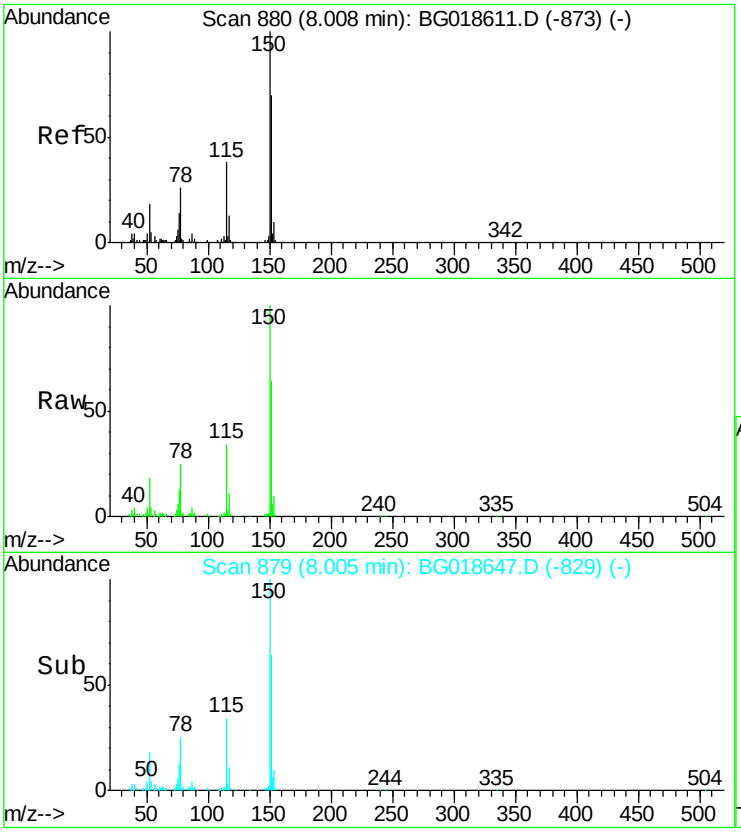
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091215\
Data File : BG018647.D
Acq On : 11 Sep 2015 20:05
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Sep 12 00:38:47 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 10:44:16 2015
Response via : Initial Calibration



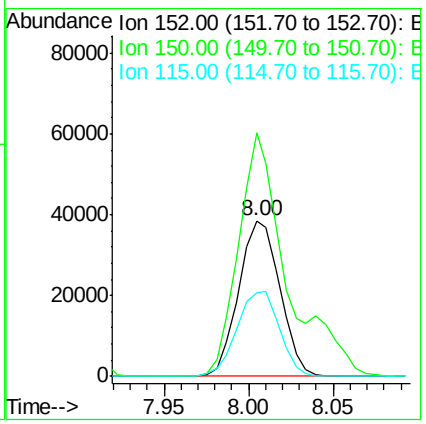


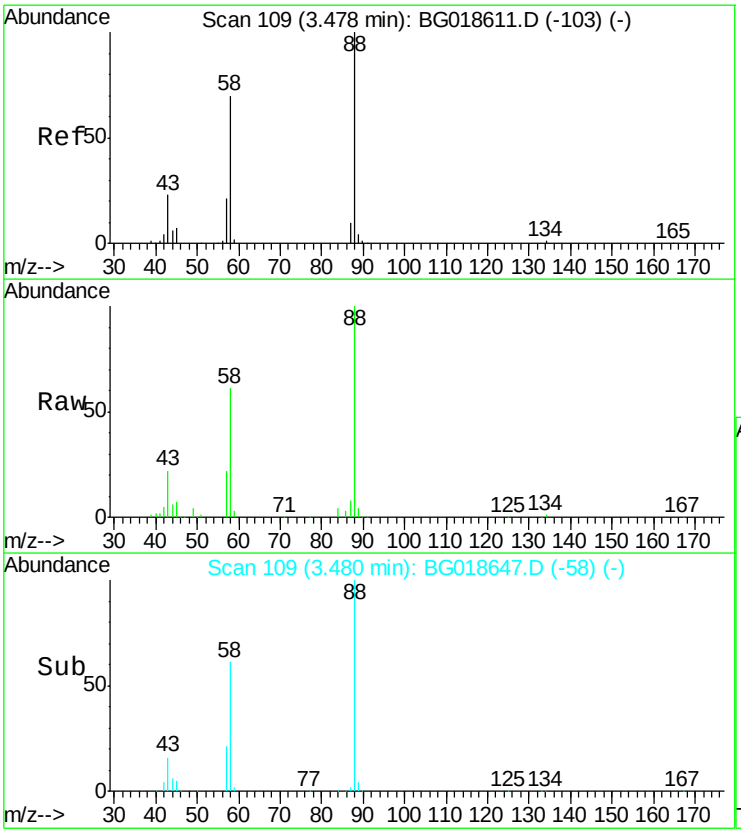

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:152 Resp: 65286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 115.0 | 172.4 |
| 115 | 53.6 | 43.9 | 65.9 |

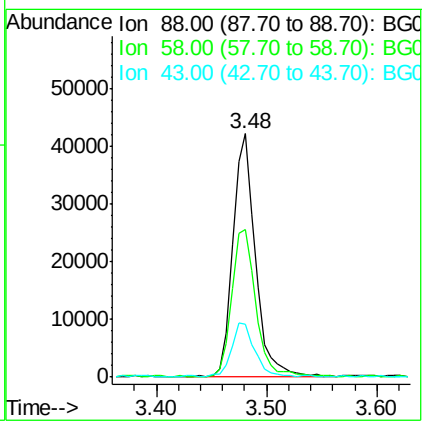


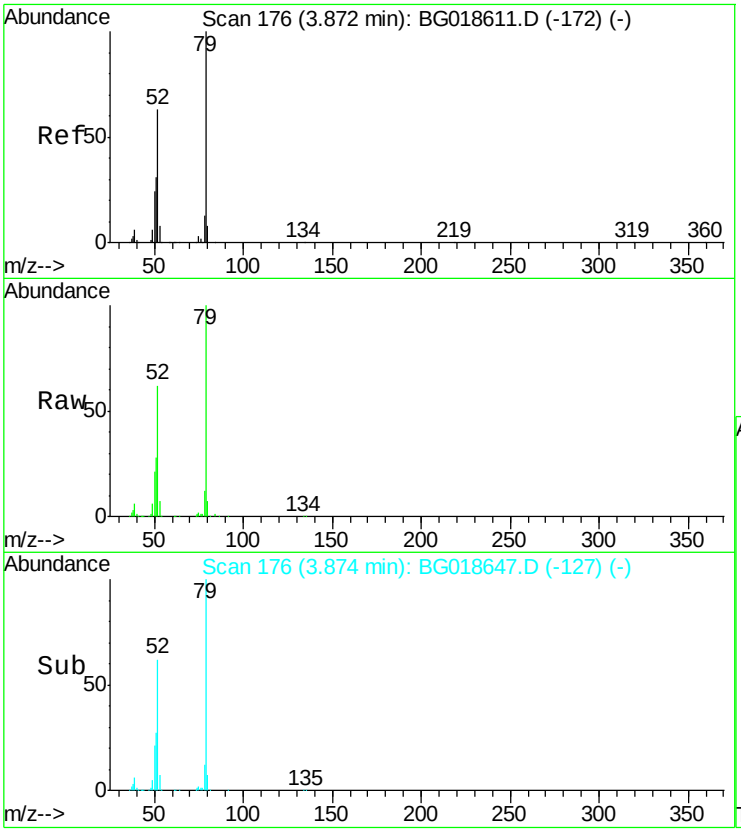




#2
1,4-Dioxane
Concen: 38.58 ng
RT: 3.48 min Scan# 109
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion: 88 Resp: 60937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 64.7 | 0.0 | 0.0# |
| 43 | 22.8 | 0.0 | 0.0# |



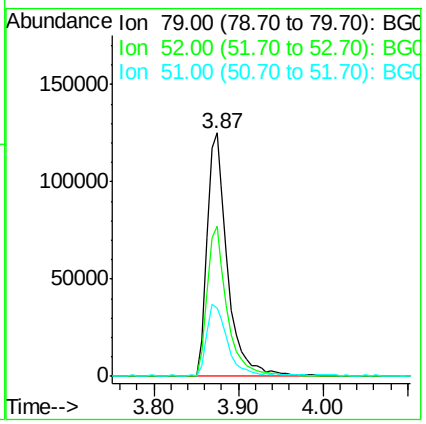


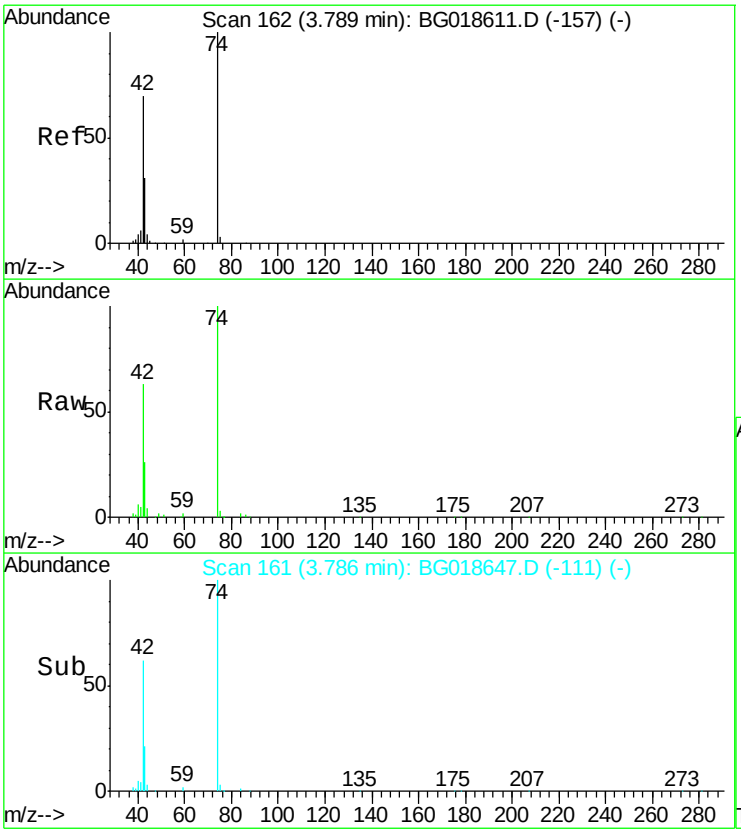

#3
Pyridine
Concen: 43.46 ng
RT: 3.87 min Scan# 176
Delta R.T. -0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 212826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 61.5 | 50.3 | 75.5 |
| 51 | 27.8 | 24.8 | 37.2 |

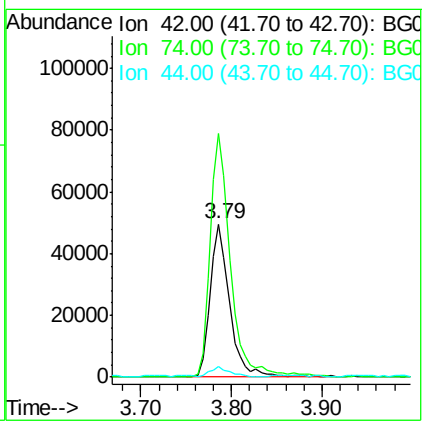


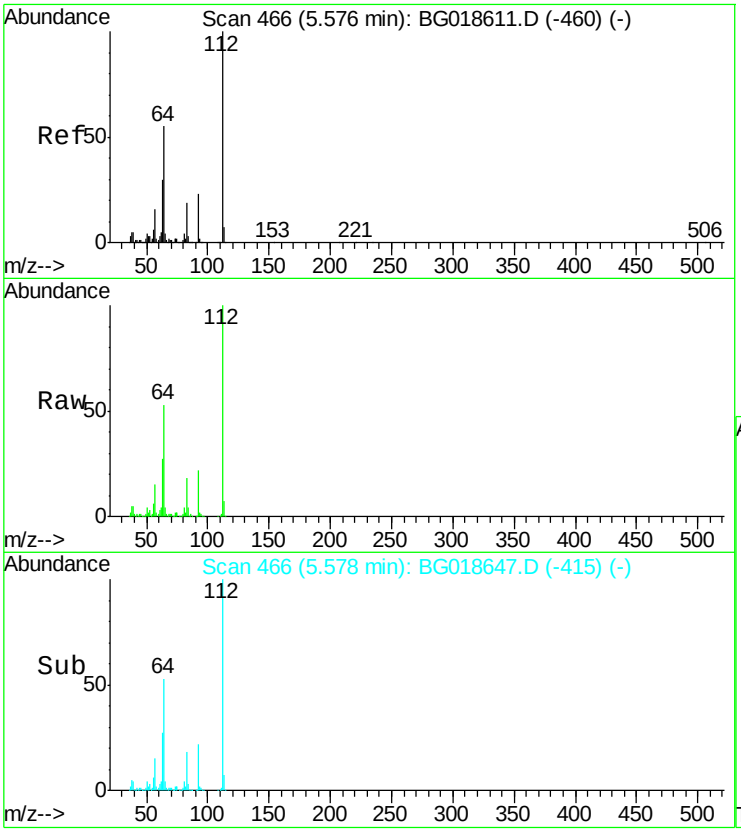




#4
n-Nitrosodimethylamine
Concen: 43.60 ng
RT: 3.79 min Scan# 161
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion: 42 Resp: 74354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 158.8 | 113.9 | 170.9 |
| 44 | 7.1 | 5.7 | 8.5 |



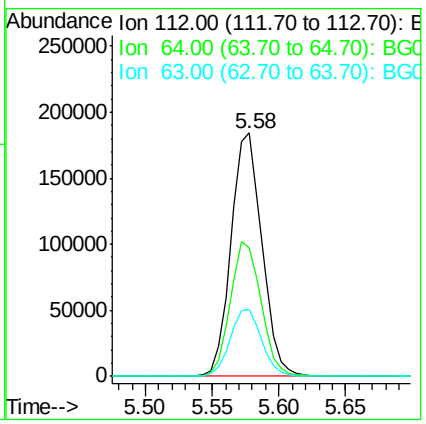


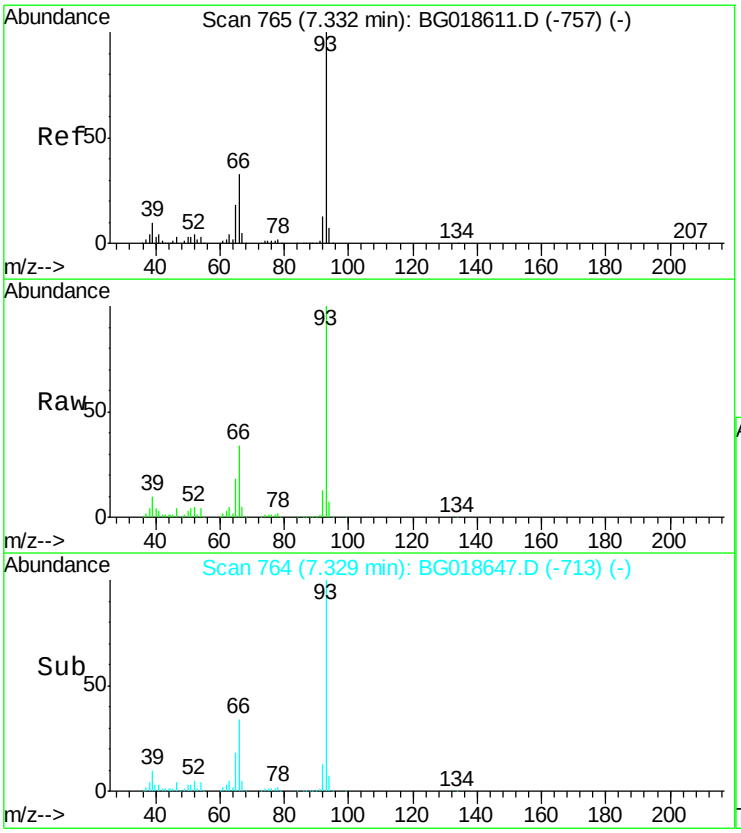

#5
2-Fluorophenol
Concen: 78.35 ng
RT: 5.58 min Scan# 466
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:112 Resp: 296114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.9 | 43.7 | 65.5 |
| 63 | 27.3 | 24.0 | 36.0 |

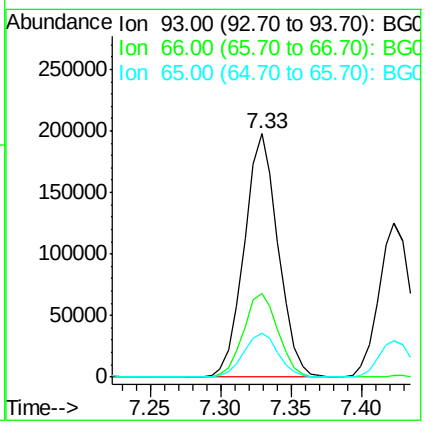


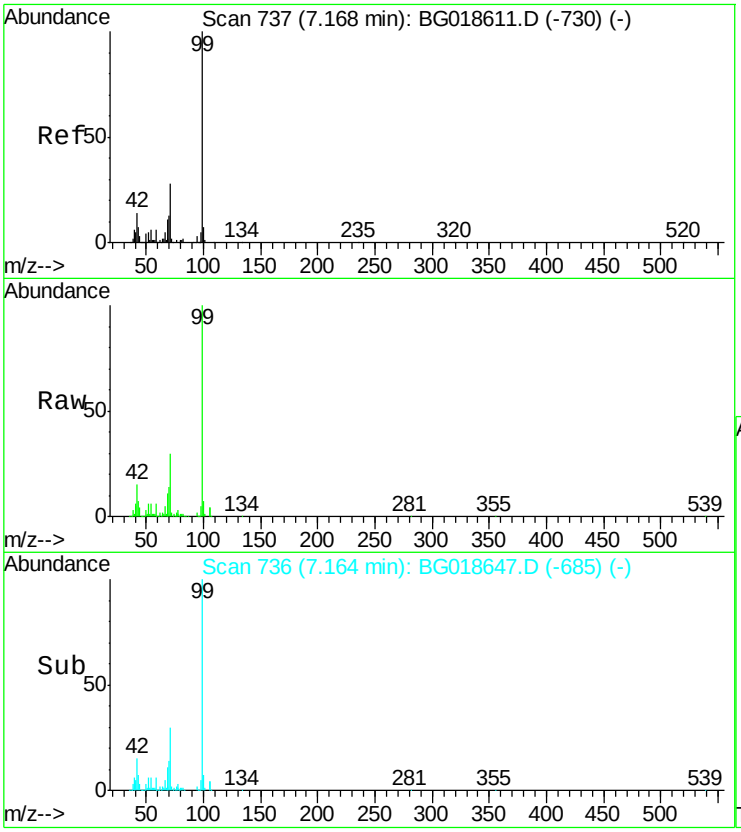




#6
Aniline
Concen: 44.48 ng
RT: 7.33 min Scan# 764
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion: 93 Resp: 332177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 34.4 | 26.2 | 39.2 |
| 65 | 17.8 | 14.0 | 21.0 |



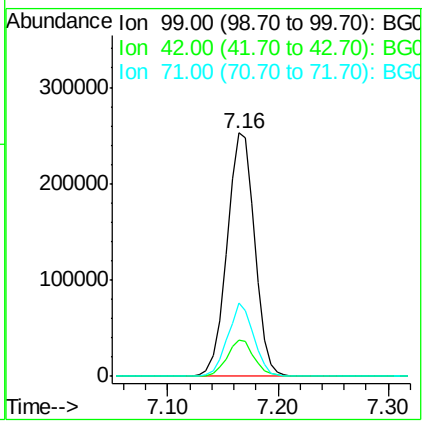


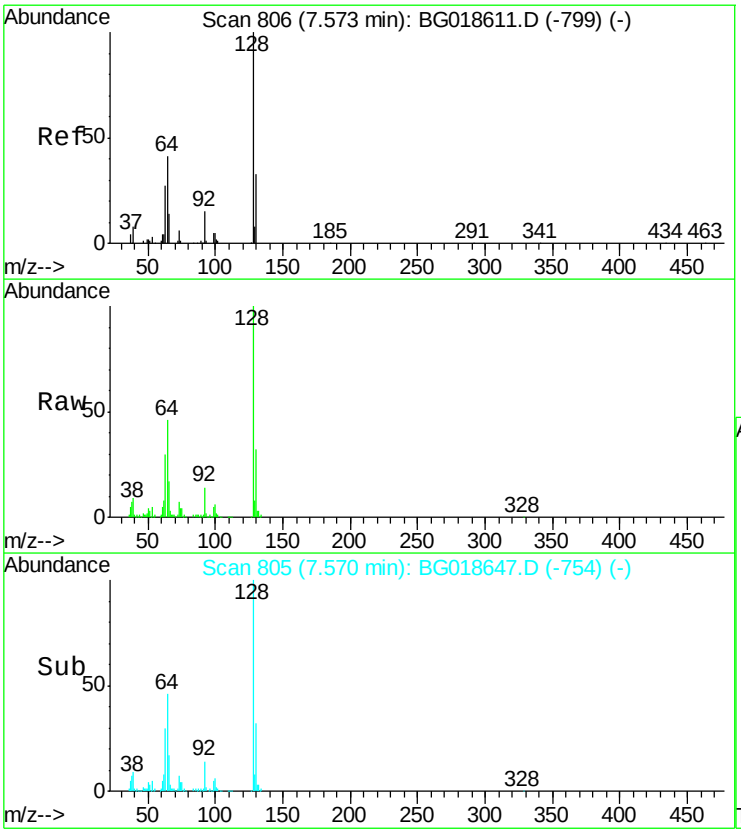

#7
Phenol-d6
Concen: 81.68 ng
RT: 7.16 min Scan# 736
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 99 Resp: 442602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.7 | 11.5 | 17.3 |
| 71 | 29.9 | 22.6 | 34.0 |

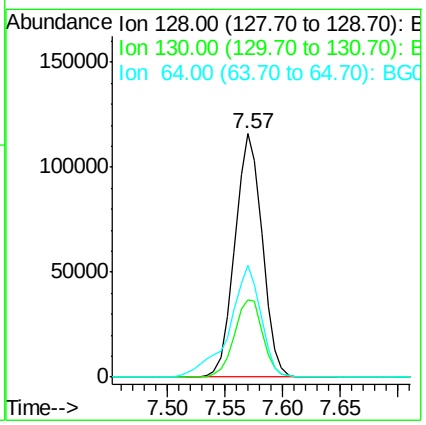


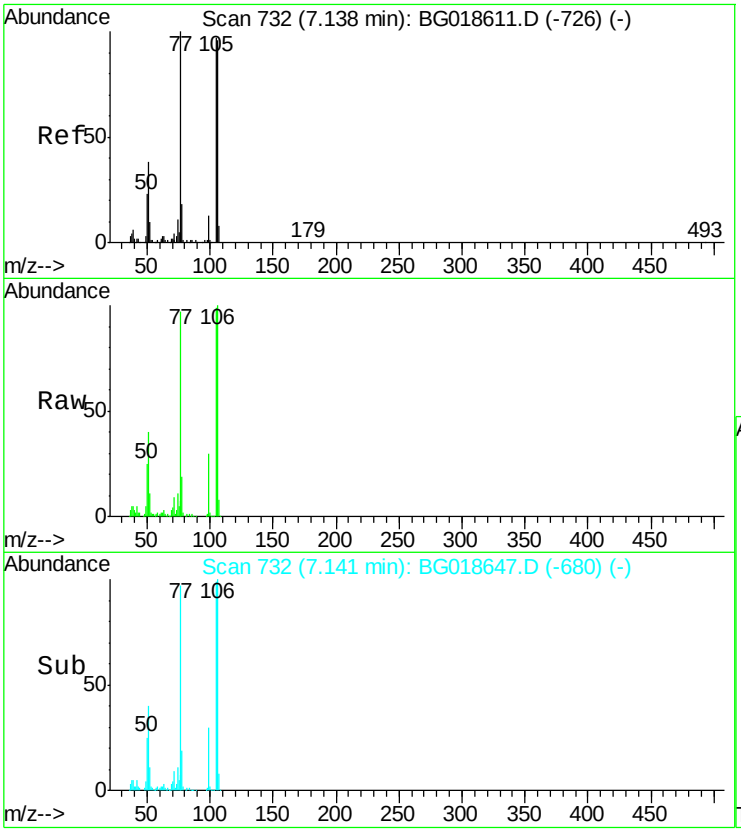




#8
2-Chlorophenol
Concen: 43.52 ng
RT: 7.57 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:128 Resp: 189897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.8 | 13.0 | 53.0 |
| 64 | 45.8 | 28.2 | 68.2 |



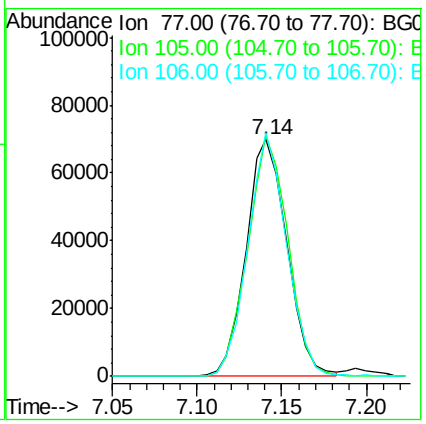


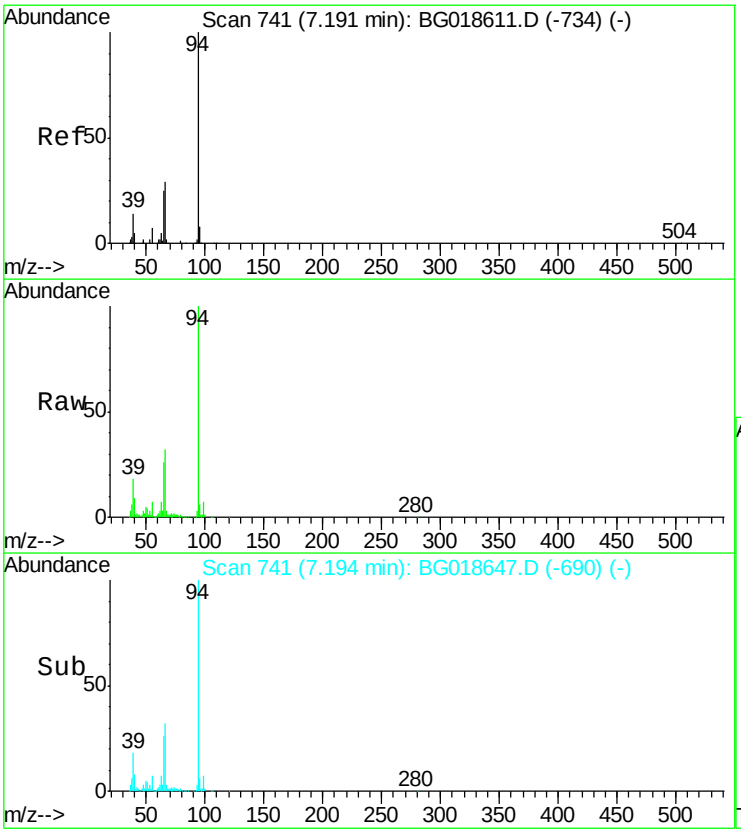

#9
Benzaldehyde
Concen: 40.38 ng
RT: 7.14 min Scan# 732
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 77 Resp: 117811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 101.6 | 77.7 | 117.7 |
| 106 | 102.7 | 75.8 | 115.8 |

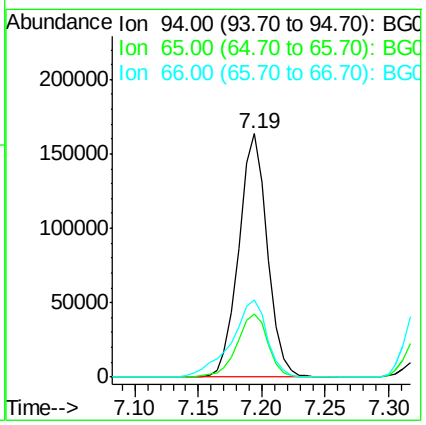


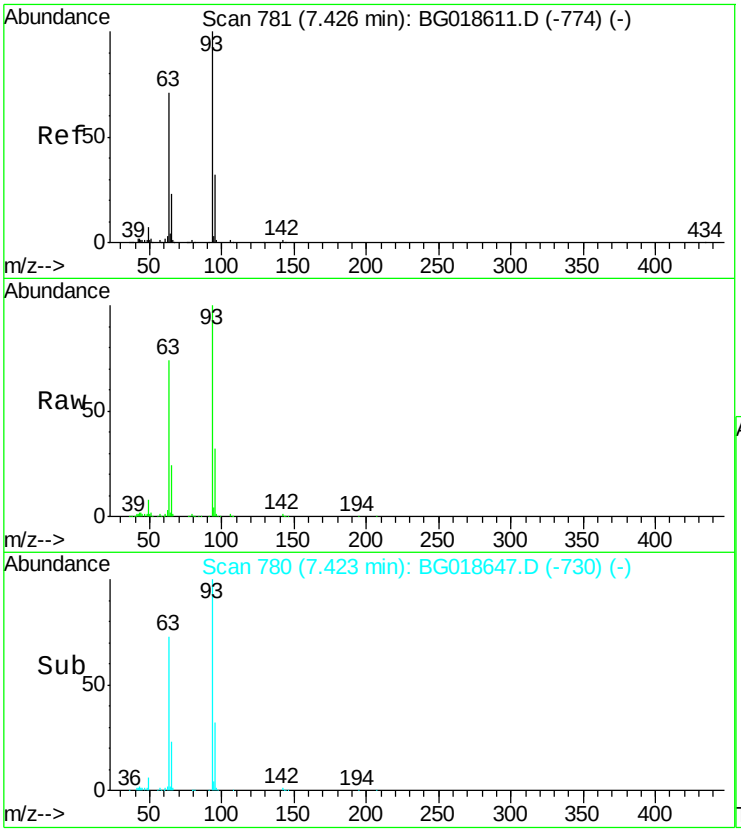




#10
Phenol
Concen: 44.53 ng
RT: 7.19 min Scan# 741
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion: 94 Resp: 254922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.8 | 5.4 | 45.4 |
| 66 | 31.5 | 11.8 | 51.8 |



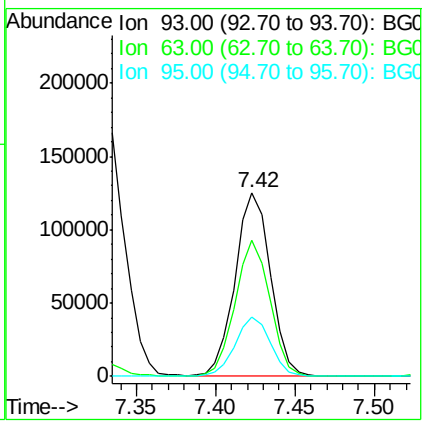


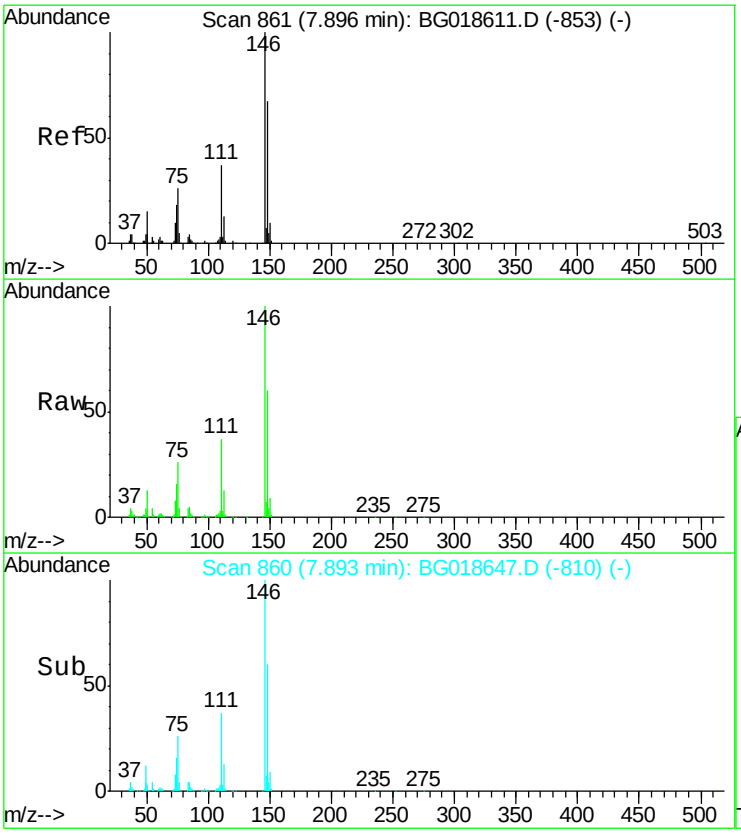

#11
bis(2-Chloroethyl)ether
Concen: 43.63 ng
RT: 7.42 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 93 Resp: 193564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 73.8 | 50.5 | 90.5 |
| 95 | 32.2 | 12.2 | 52.2 |

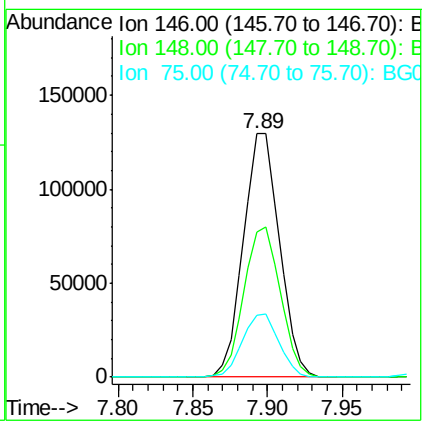


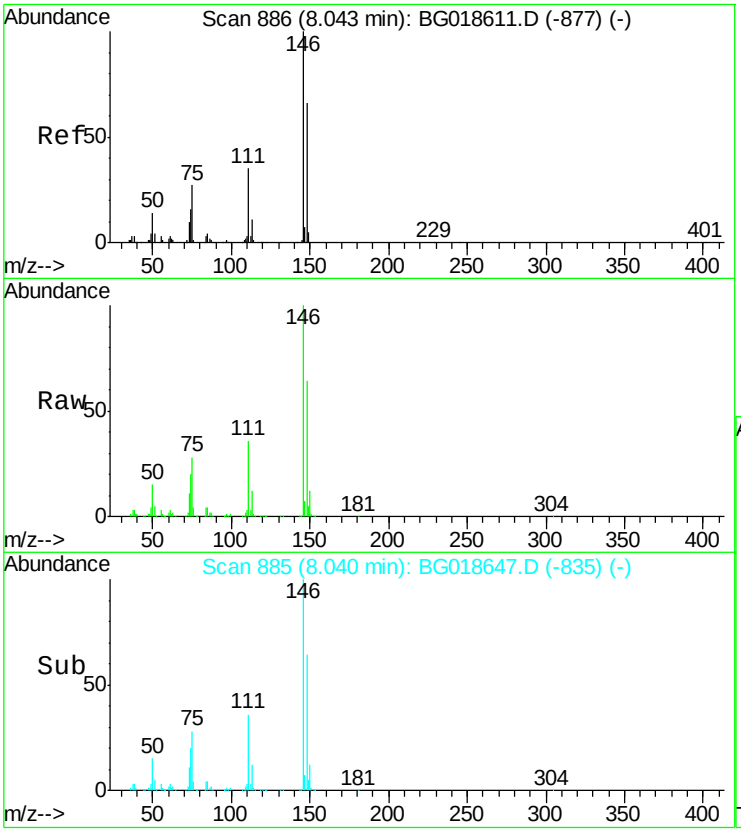




#12
1,3-Dichlorobenzene
Concen: 42.61 ng
RT: 7.89 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:146 Resp: 216374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 59.5 | 53.4 | 80.0 |
| 75 | 25.6 | 21.1 | 31.7 |



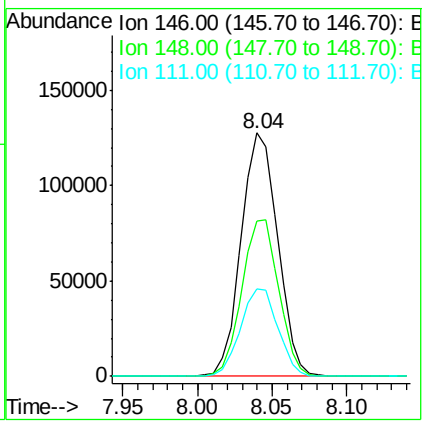


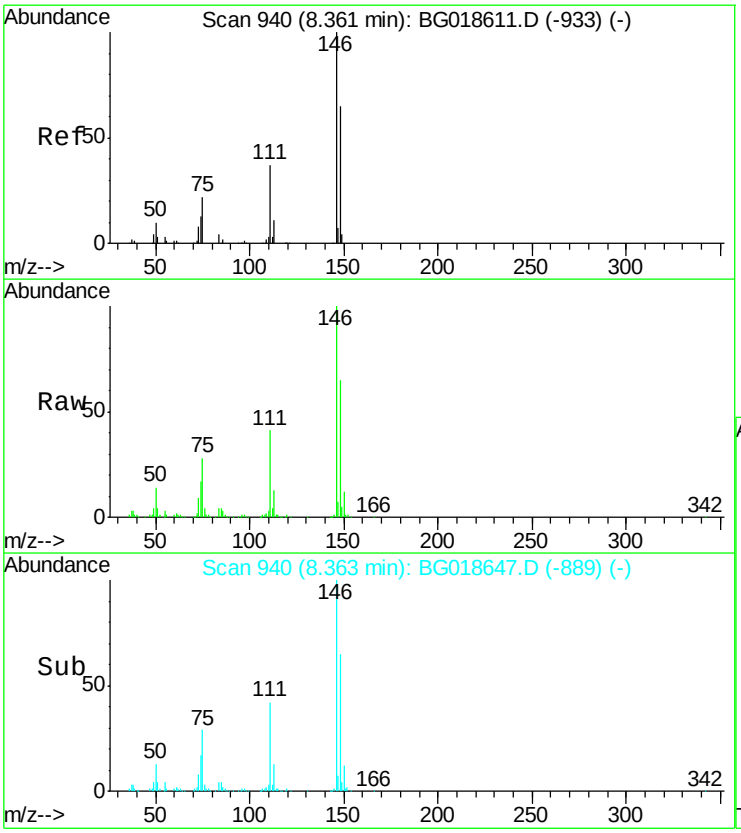

#13
1,4-Dichlorobenzene
Concen: 42.37 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:146 Resp: 215754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.9 | 52.5 | 78.7 |
| 111 | 36.1 | 28.3 | 42.5 |

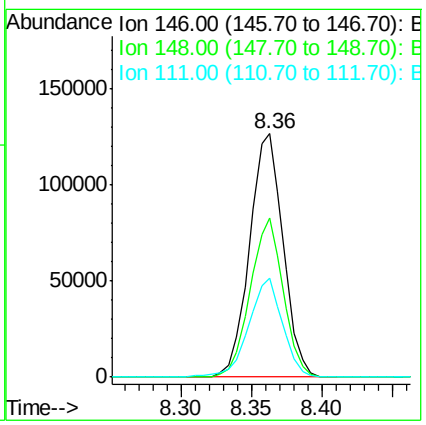


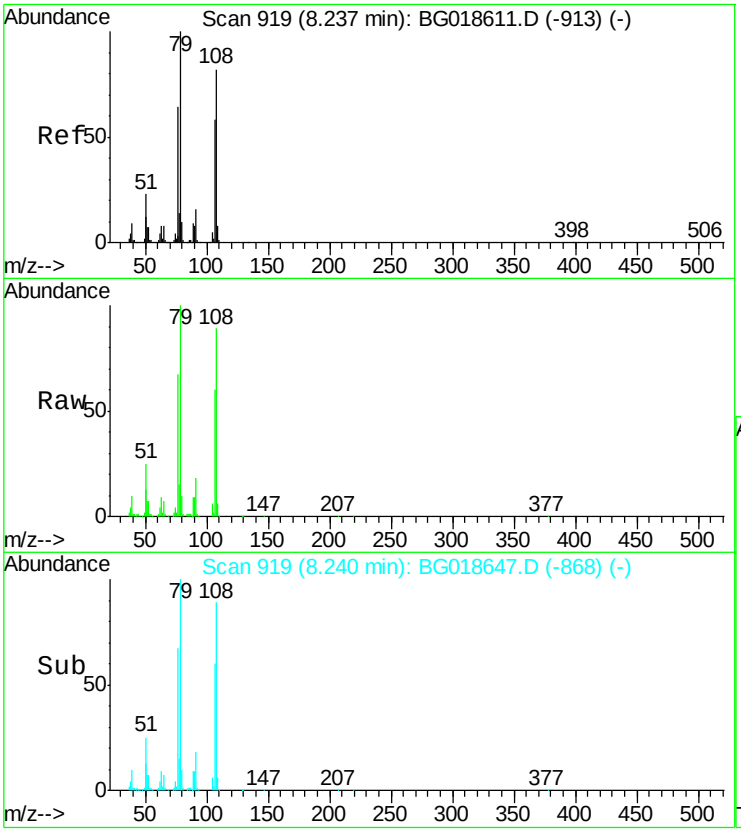




#14
1,2-Dichlorobenzene
Concen: 43.45 ng
RT: 8.36 min Scan# 940
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:146 Resp: 211230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 52.5 | 78.7 |
| 111 | 40.9 | 29.9 | 44.9 |



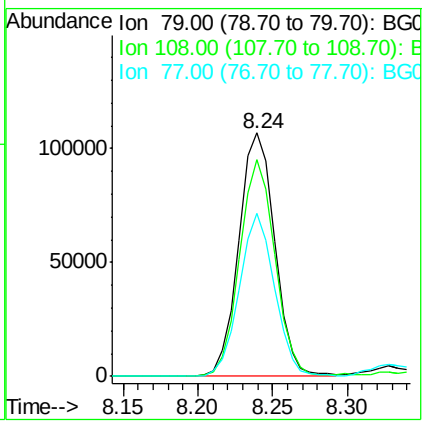


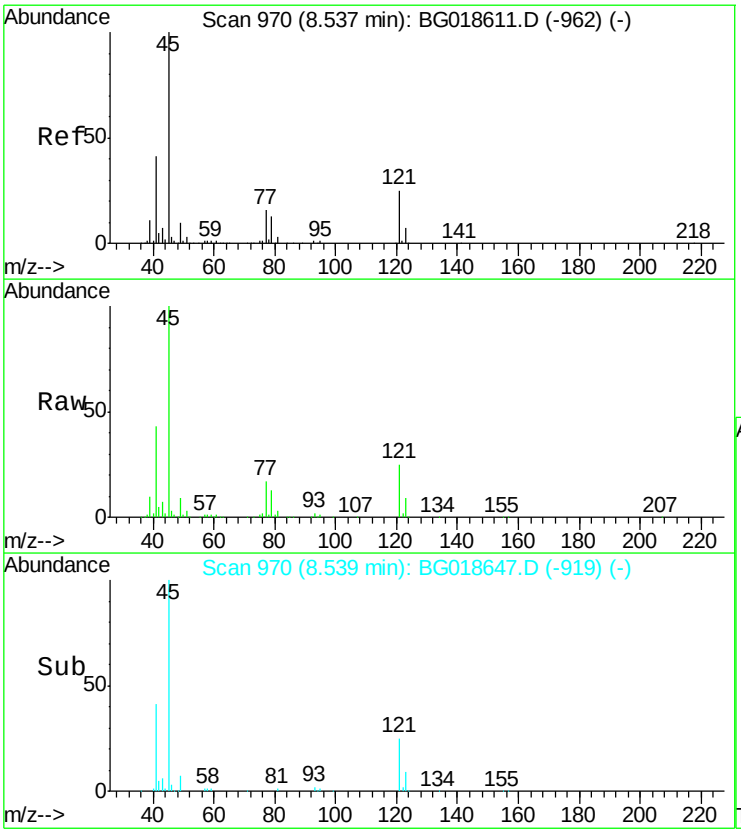

#15
Benzyl Alcohol
Concen: 45.72 ng
RT: 8.24 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 79 Resp: 178576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 89.0 | 65.5 | 98.3 |
| 77 | 66.8 | 51.3 | 76.9 |

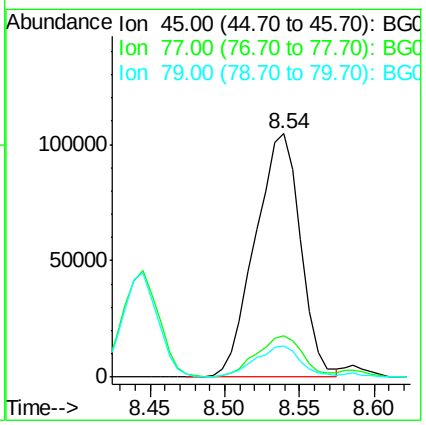


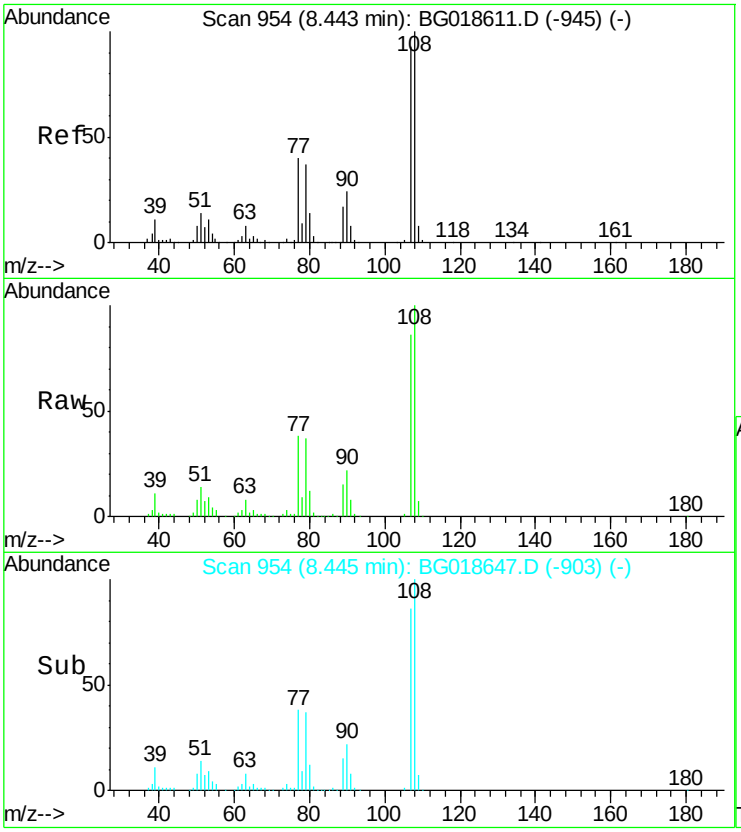




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.90 ng
RT: 8.54 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion: 45 Resp: 221149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 17.2 | 0.0 | 37.0 |
| 79 | 12.7 | 0.0 | 33.8 |



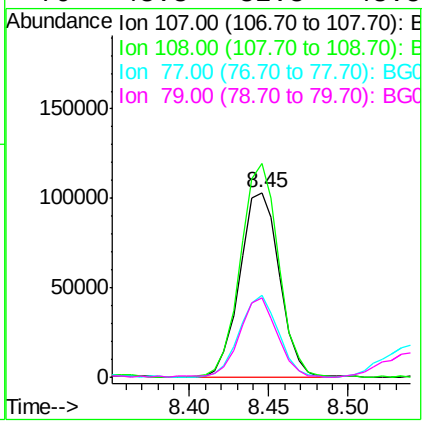


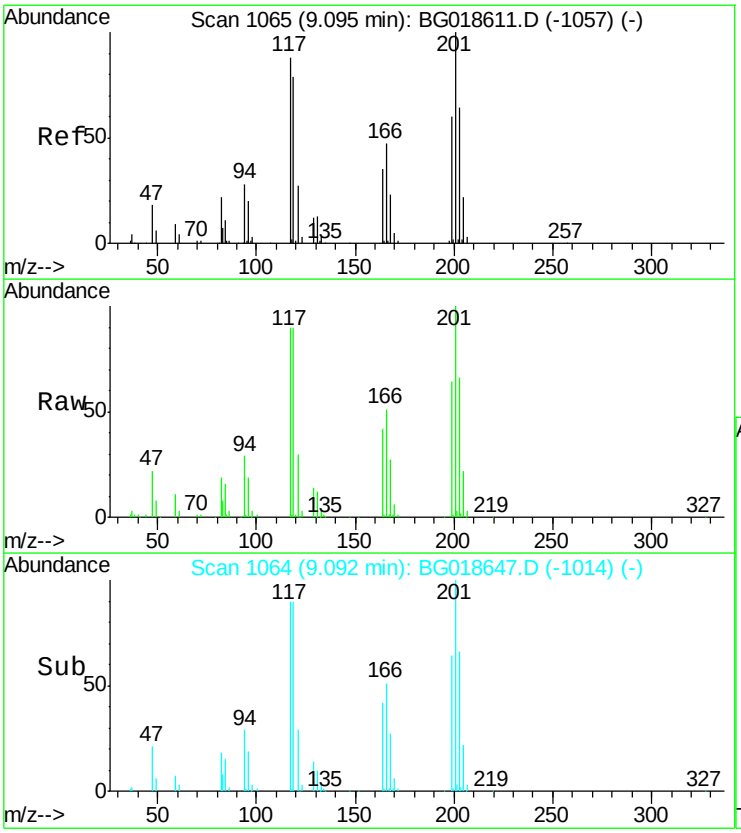

#17
2-Methylphenol
Concen: 44.97 ng
RT: 8.45 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:107 Resp: 178859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.8 | 86.5 | 129.7 |
| 77 | 44.5 | 34.6 | 51.8 |
| 79 | 43.3 | 32.3 | 48.5 |

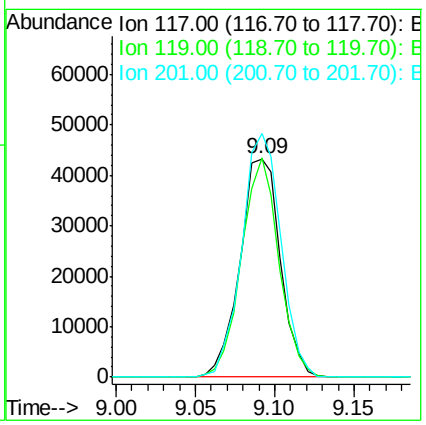


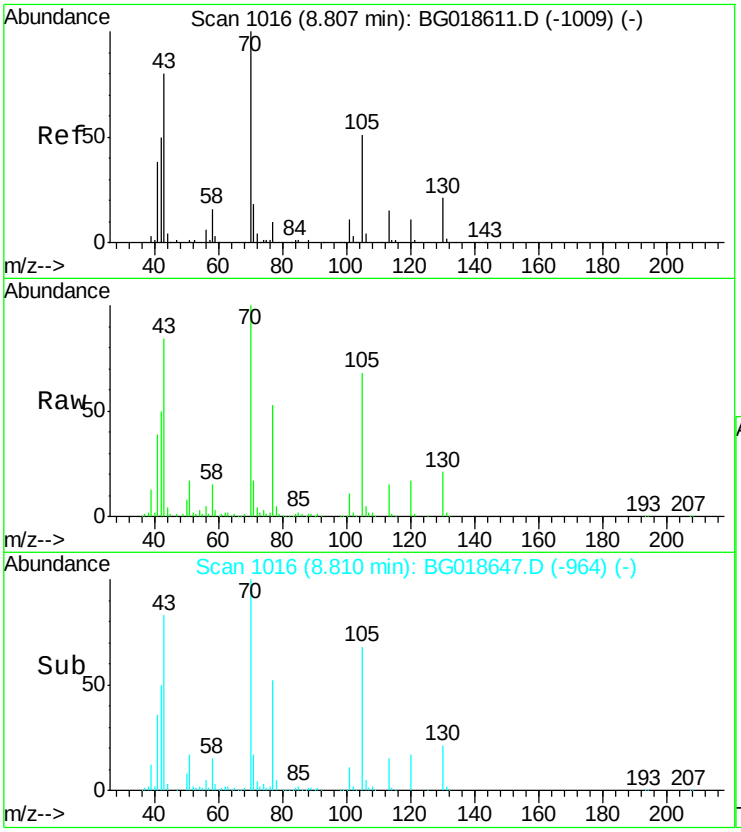




#18
Hexachloroethane
Concen: 41.93 ng
RT: 9.09 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:117 Resp: 76341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 100.6 | 71.7 | 107.5 |
| 201 | 114.6 | 90.9 | 136.3 |



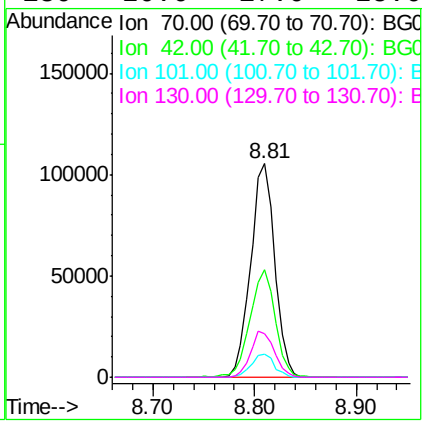


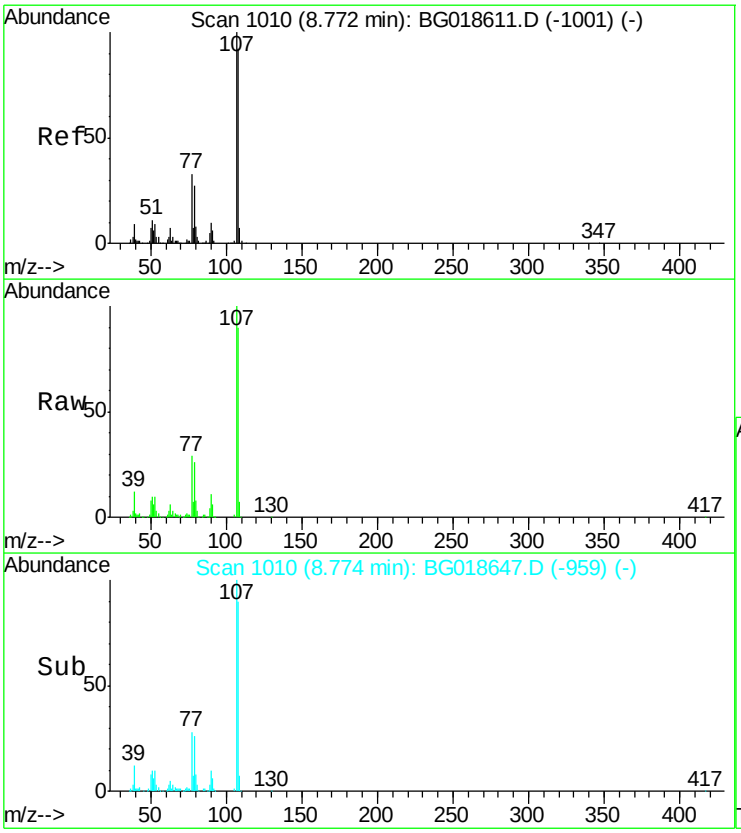

#19
n-Nitroso-di-n-propylamine
Concen: 45.42 ng
RT: 8.81 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 70 Resp: 173359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.2 | 40.6 | 60.8 |
| 101 | 11.0 | 8.6 | 13.0 |
| 130 | 20.6 | 17.0 | 25.6 |

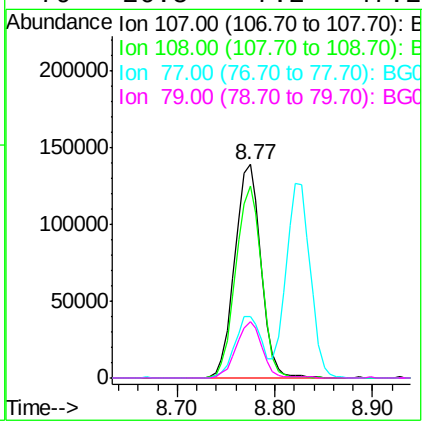


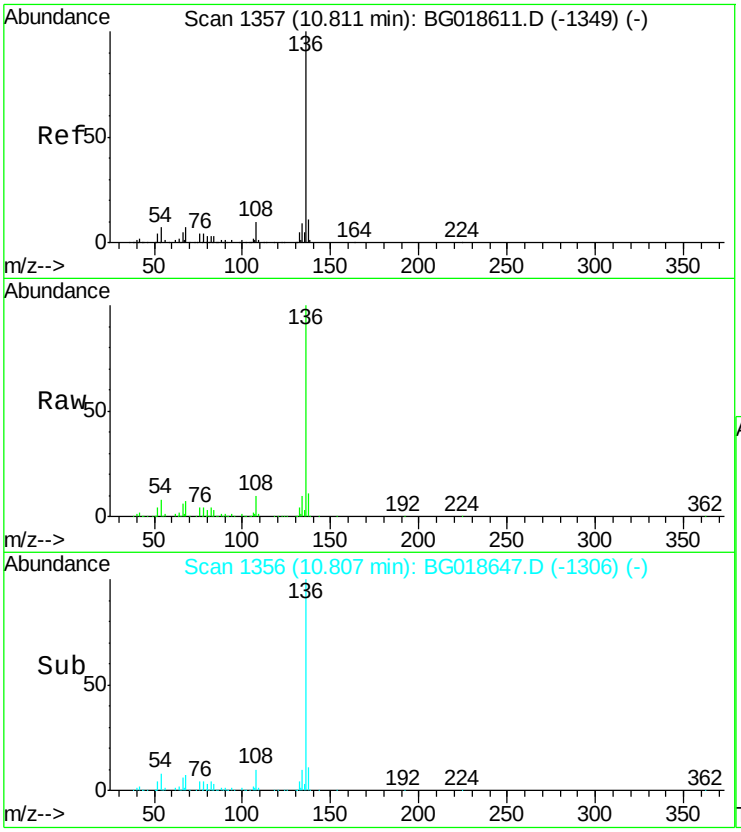




#20
3+4-Methylphenols
Concen: 46.56 ng
RT: 8.77 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:107 Resp: 260048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.8 | 72.2 | 112.2 |
| 77 | 28.8 | 13.4 | 53.4 |
| 79 | 26.5 | 7.2 | 47.2 |



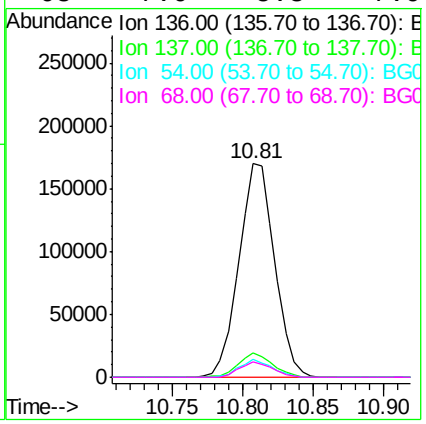


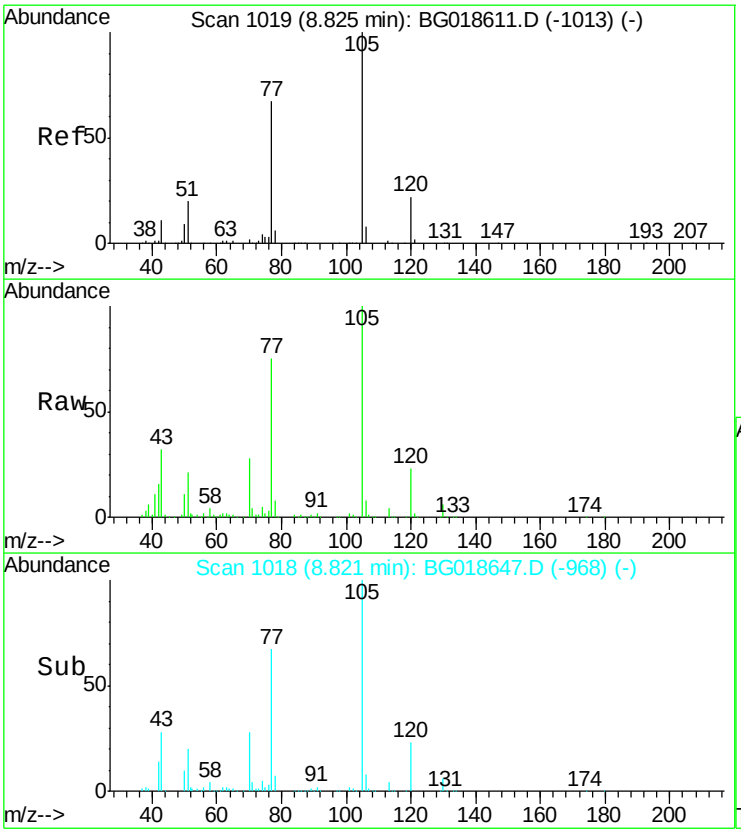

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:136 Resp: 299956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.6 | 12.8 |
| 54 | 8.2 | 5.4 | 8.2# |
| 68 | 7.0 | 5.3 | 7.9 |

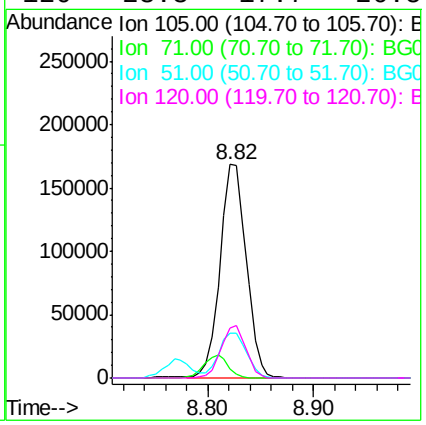


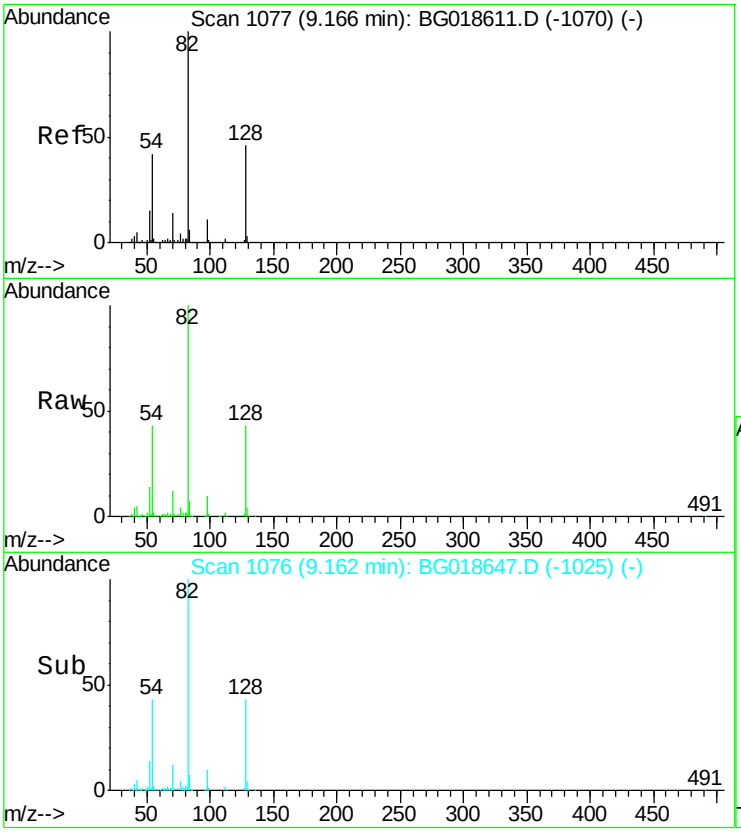




#22
Acetophenone
Concen: 38.21 ng
RT: 8.82 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:105 Resp: 290392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.4 | 2.1 | 3.1# |
| 51 | 21.2 | 17.8 | 26.8 |
| 120 | 23.3 | 17.7 | 26.5 |



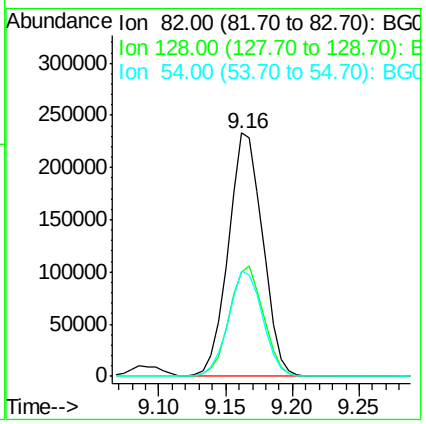


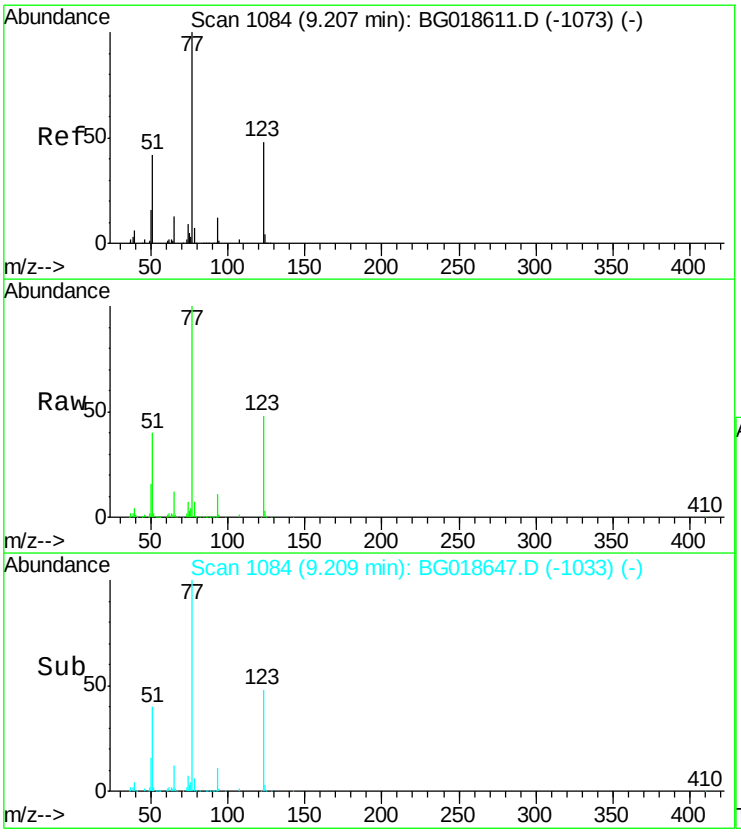

#23
Nitrobenzene-d5
Concen: 77.66 ng
RT: 9.16 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 416310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.0 | 36.7 | 55.1 |
| 54 | 43.2 | 33.8 | 50.8 |

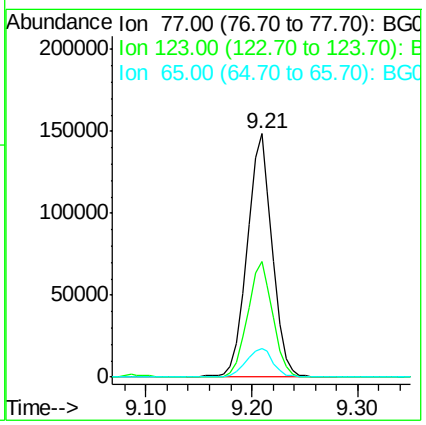


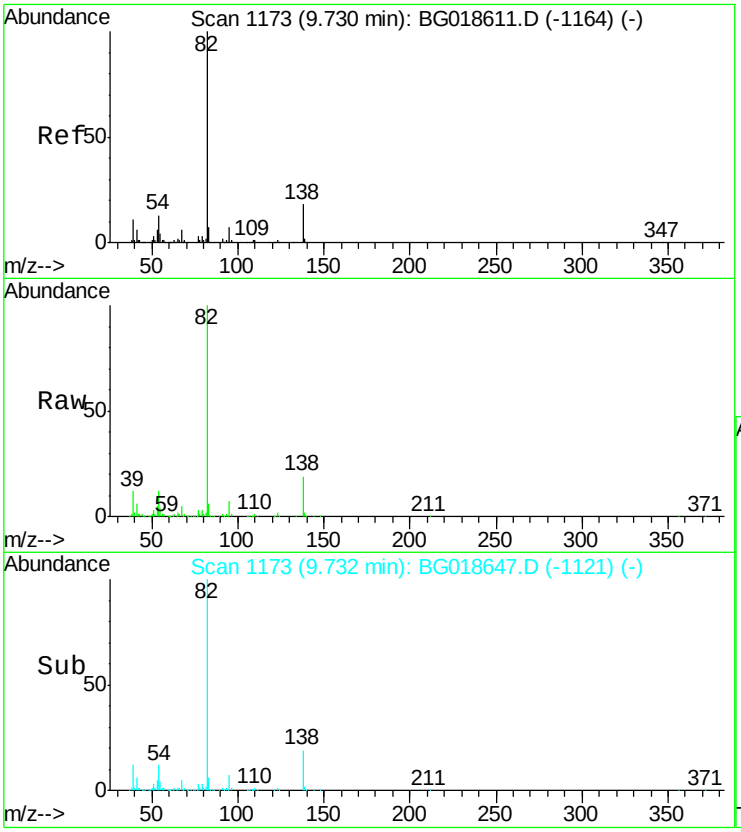




#24
Nitrobenzene
Concen: 43.02 ng
RT: 9.21 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion: 77 Resp: 244880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.6 | 38.2 | 57.2 |
| 65 | 11.9 | 10.6 | 16.0 |



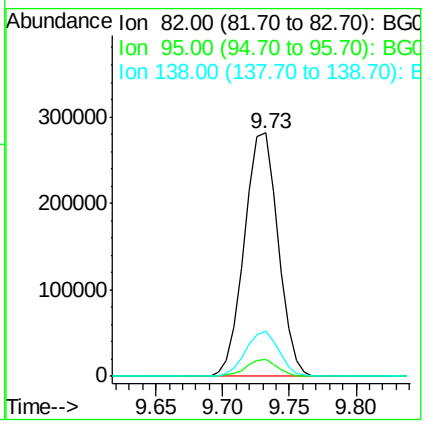


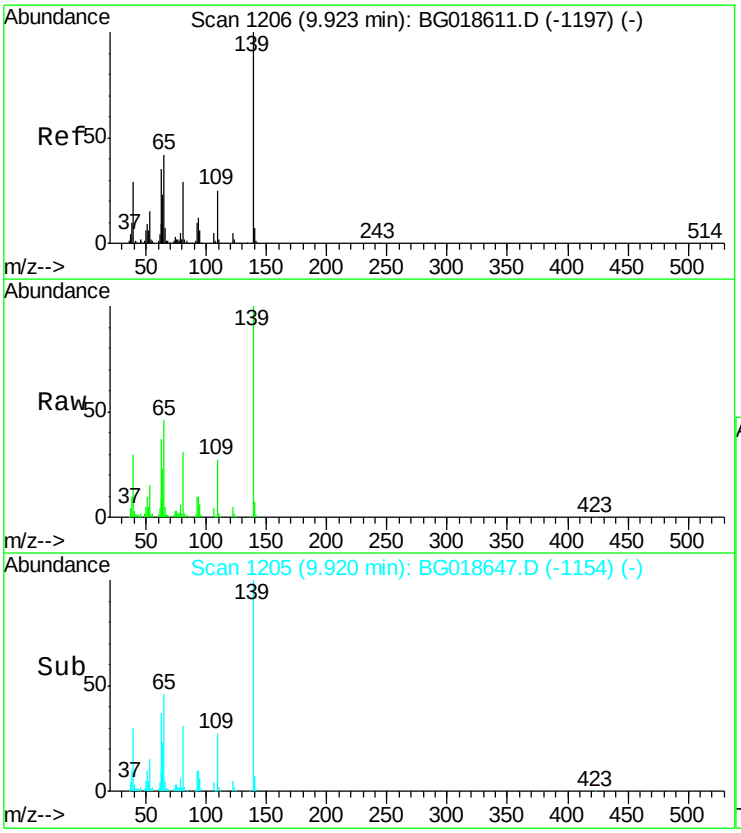

#25
Isophorone
Concen: 42.58 ng
RT: 9.73 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 82 Resp: 490941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.2 | 7.8 |
| 138 | 18.7 | 14.4 | 21.6 |

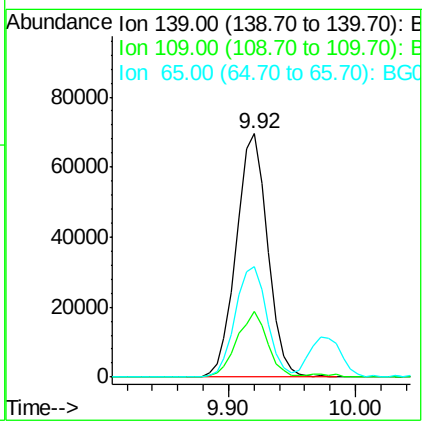


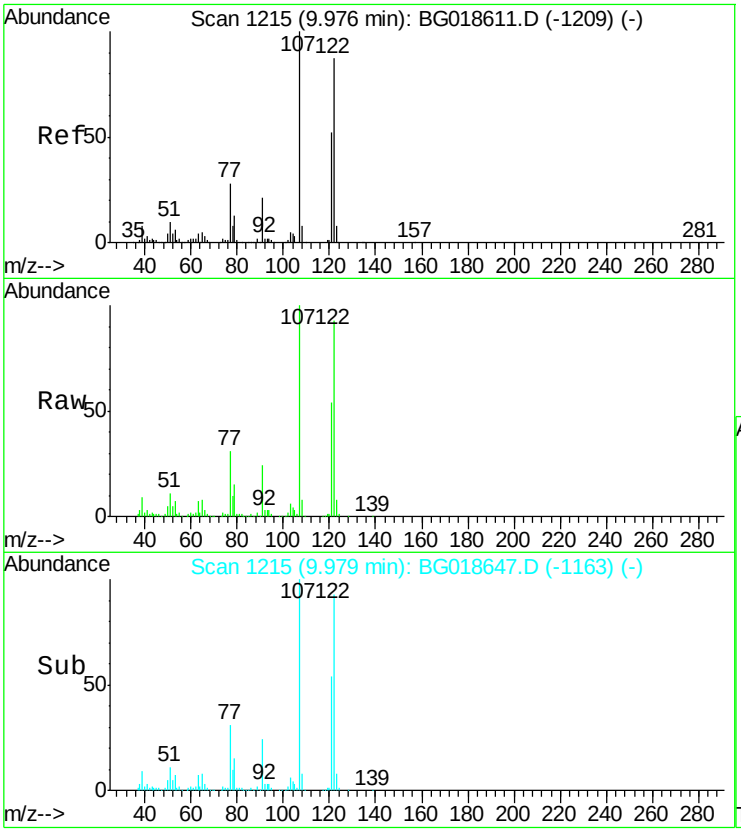




#26
2-Nitrophenol
Concen: 44.87 ng
RT: 9.92 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:139 Resp: 119156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.2 | 20.1 | 30.1 |
| 65 | 45.6 | 34.1 | 51.1 |



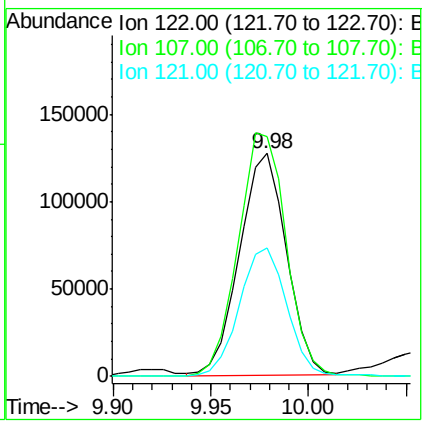


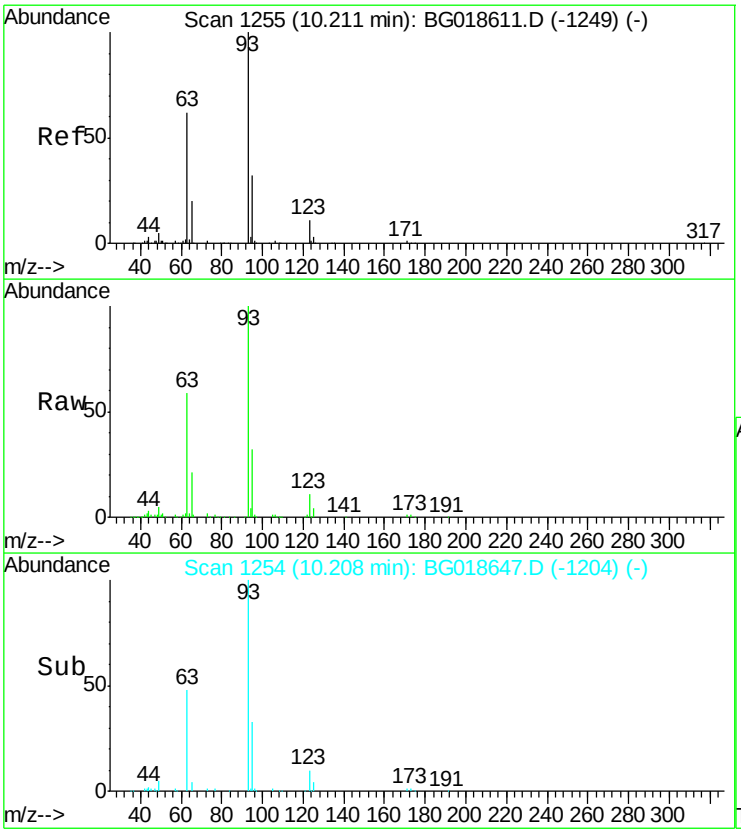

#27
2,4-Dimethylphenol
Concen: 43.99 ng
RT: 9.98 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:122 Resp: 212119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 107.7 | 91.6 | 137.4 |
| 121 | 57.7 | 47.3 | 70.9 |

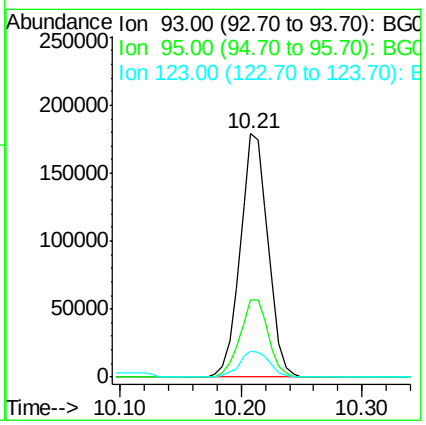


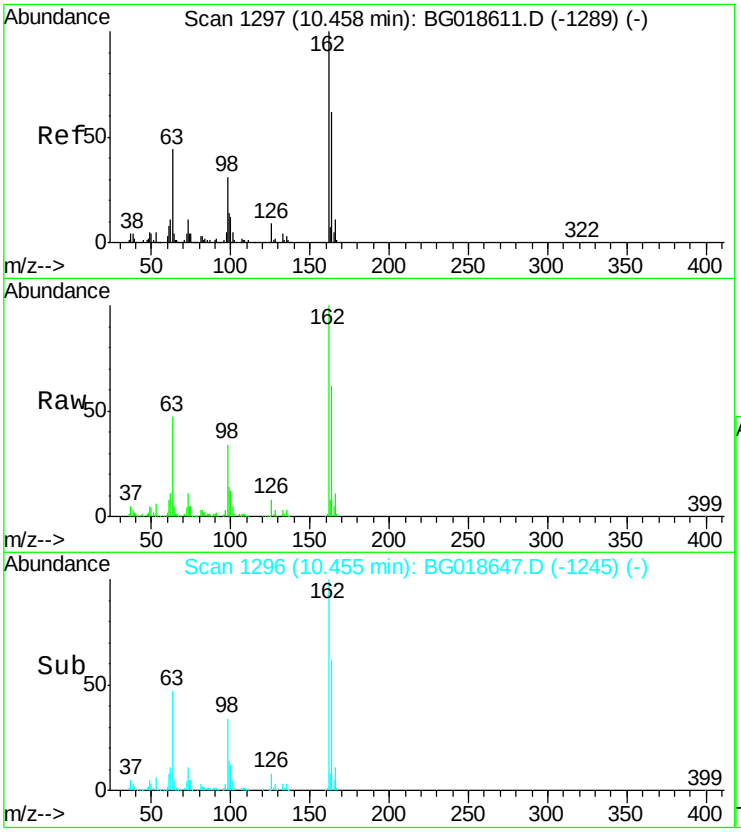




#28
bis(2-Chloroethoxy)methane
Concen: 43.30 ng
RT: 10.21 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion: 93 Resp: 286598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.5 | 25.7 | 38.5 |
| 123 | 10.5 | 8.6 | 12.8 |



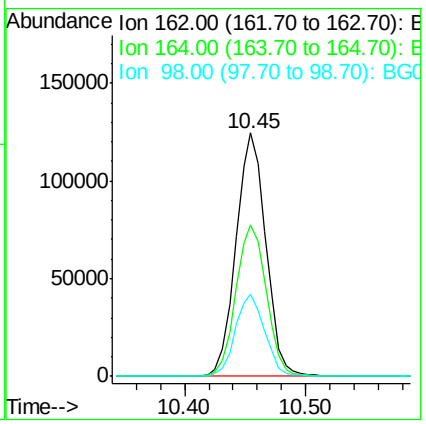


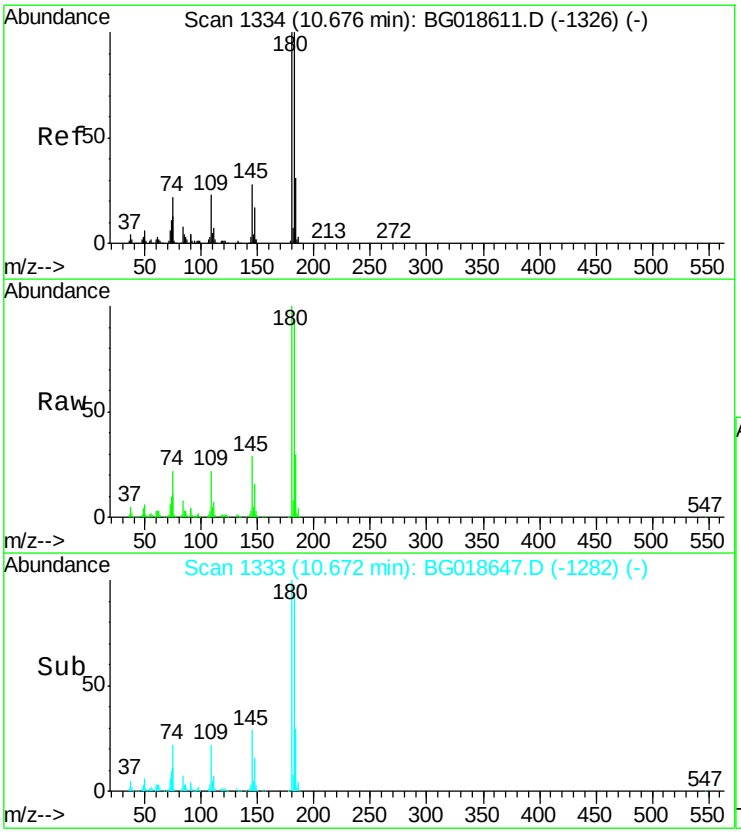

#29
2,4-Dichlorophenol
Concen: 44.03 ng
RT: 10.45 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:162 Resp: 214578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.4 | 42.3 | 82.3 |
| 98 | 33.7 | 11.5 | 51.5 |

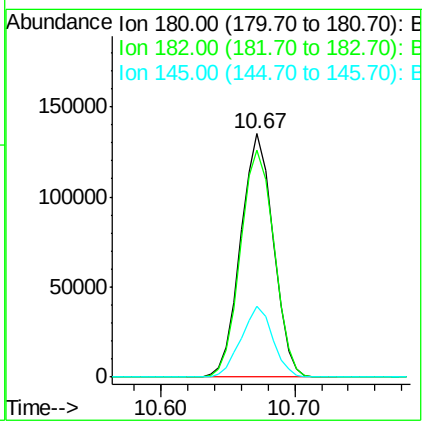


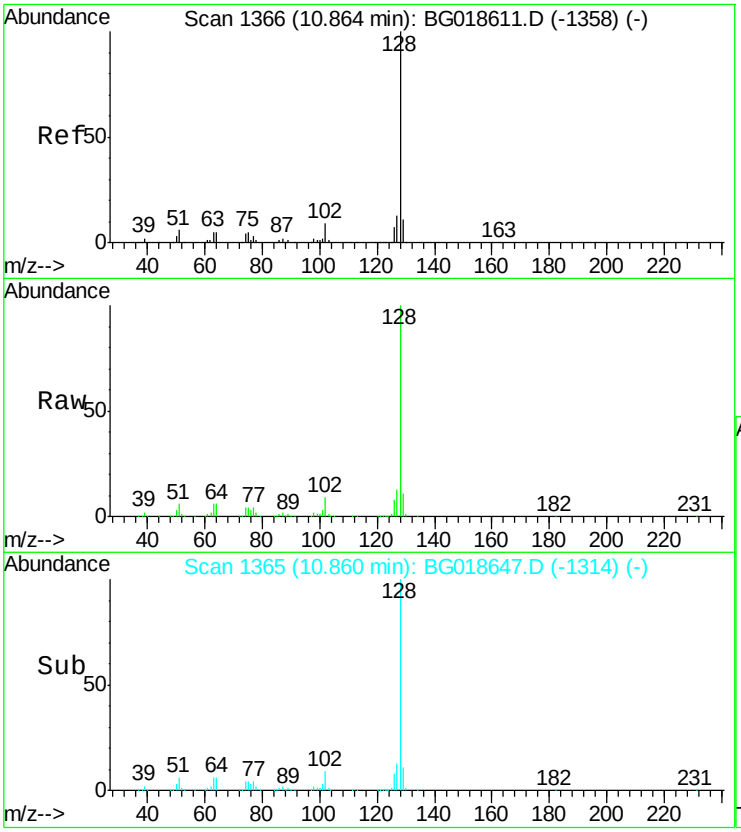




#30
1,2,4-Trichlorobenzene
Concen: 42.08 ng
RT: 10.67 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:180 Resp: 227266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.3 | 79.7 | 119.5 |
| 145 | 28.8 | 22.0 | 33.0 |



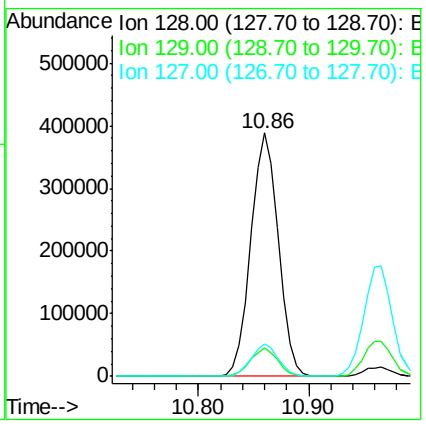


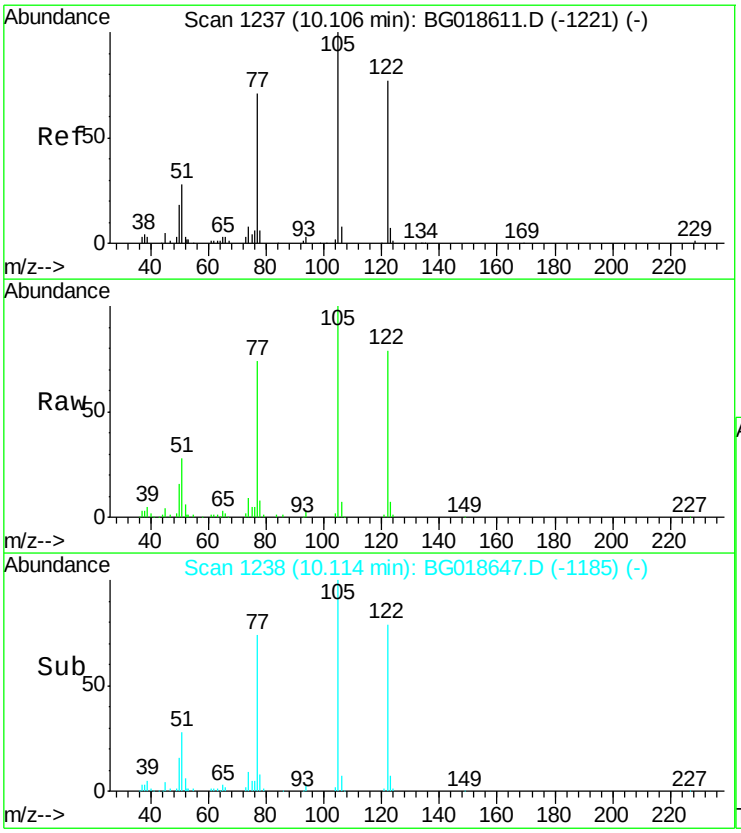

#31
Naphthalene
Concen: 42.31 ng
RT: 10.86 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:128 Resp: 679614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 8.5 | 12.7 |
| 127 | 13.4 | 10.6 | 16.0 |

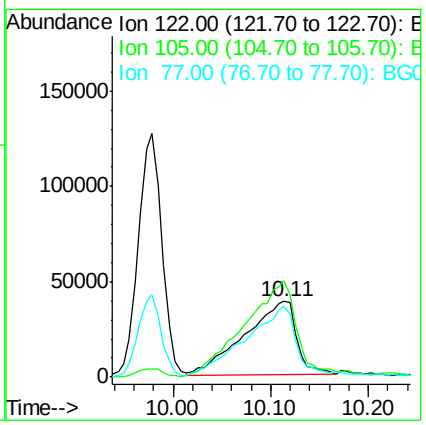


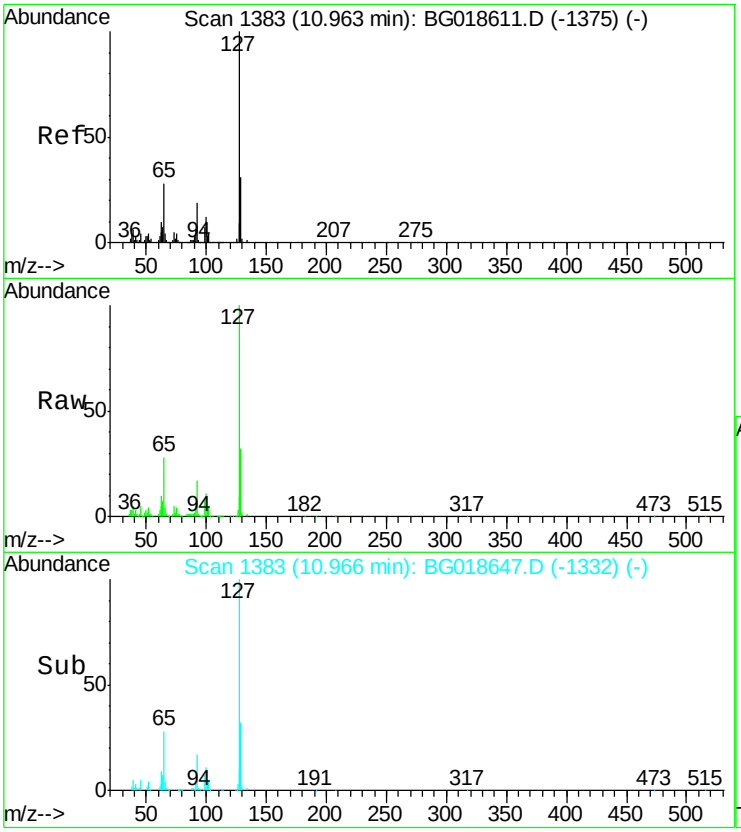




#32
Benzoic acid
Concen: 37.76 ng
RT: 10.11 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:122 Resp: 143039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.1 | 103.8 | 143.8 |
| 77 | 94.2 | 68.8 | 108.8 |



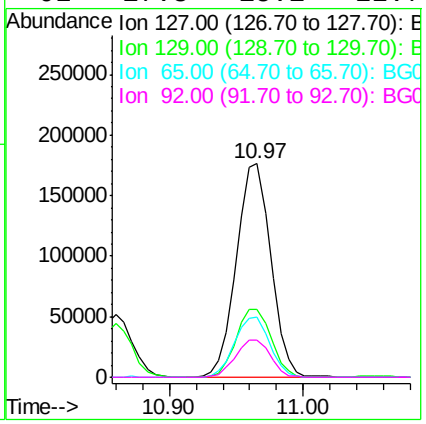


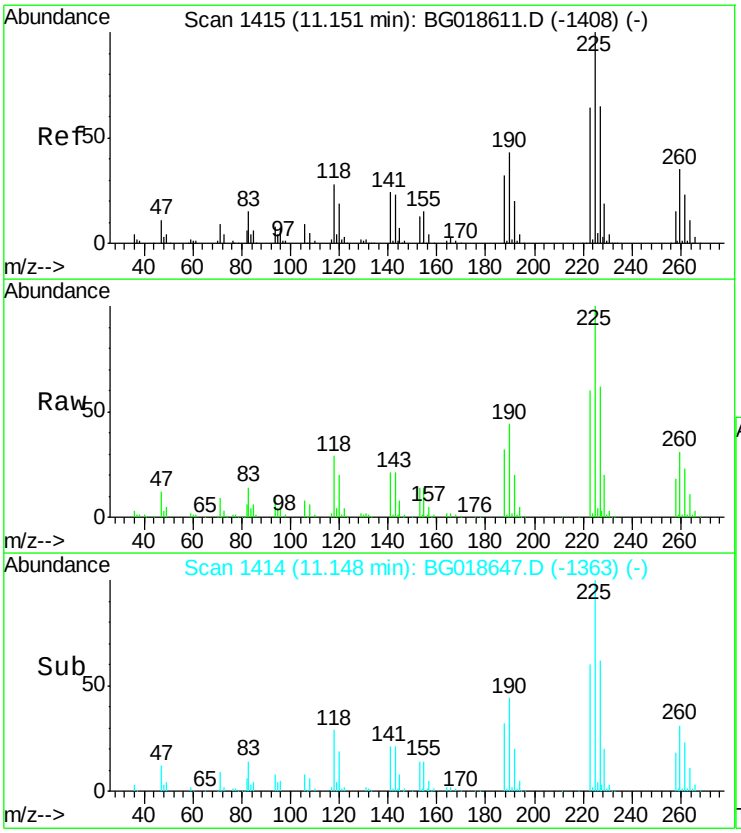

#33
4-Chloroaniline
Concen: 43.47 ng
RT: 10.97 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:127 Resp: 315994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.7 | 24.6 | 37.0 |
| 65 | 28.2 | 22.6 | 33.8 |
| 92 | 17.3 | 15.1 | 22.7 |

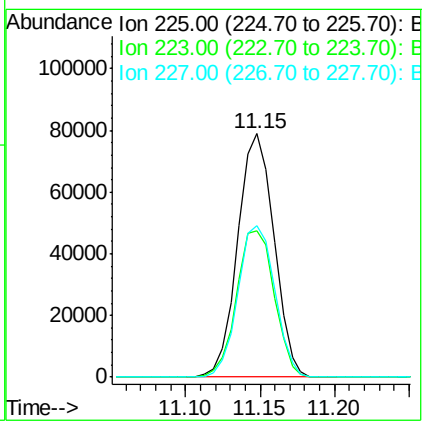


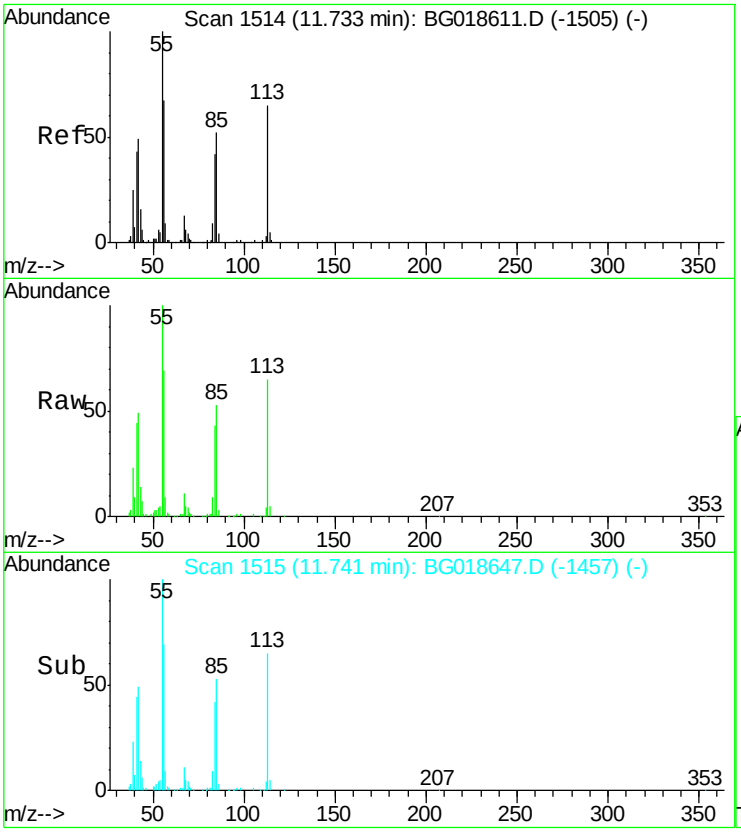




#34
Hexachlorobutadiene
Concen: 41.69 ng
RT: 11.15 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:225 Resp: 132740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.9 | 51.0 | 76.4 |
| 227 | 62.9 | 51.8 | 77.8 |



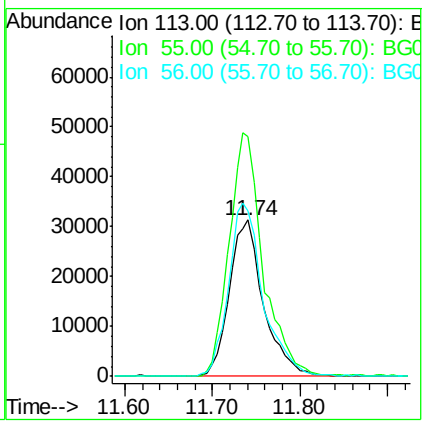


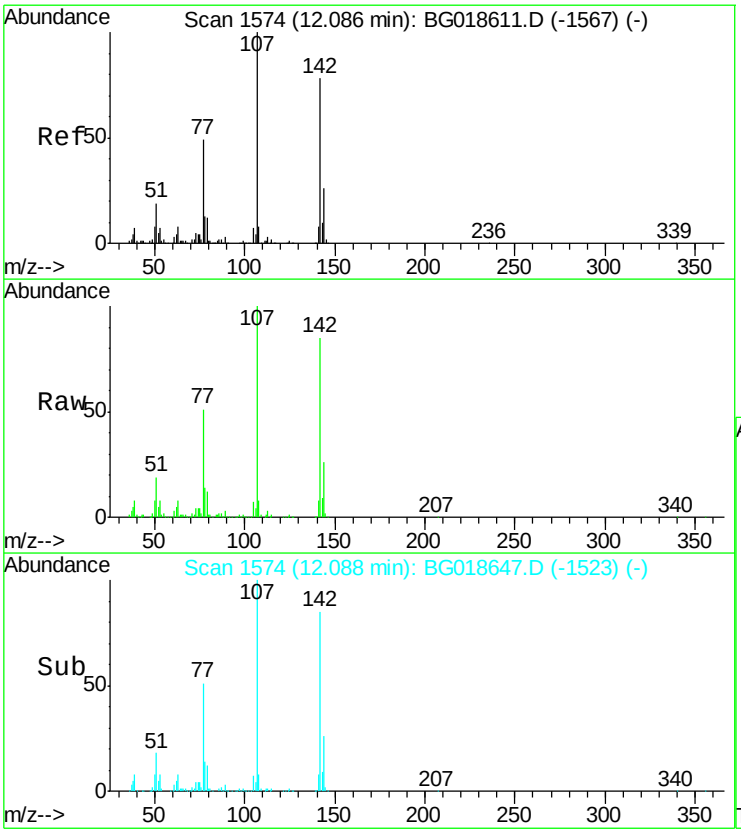

#35
Caprolactam
Concen: 39.49 ng
RT: 11.74 min Scan# 1515
Delta R.T. 0.04 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:113 Resp: 82731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 153.3 | 135.0 | 175.0 |
| 56 | 106.2 | 83.4 | 123.4 |

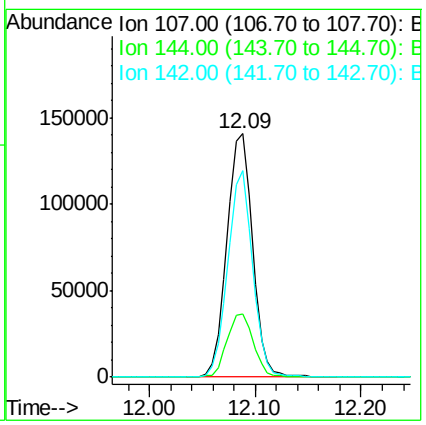


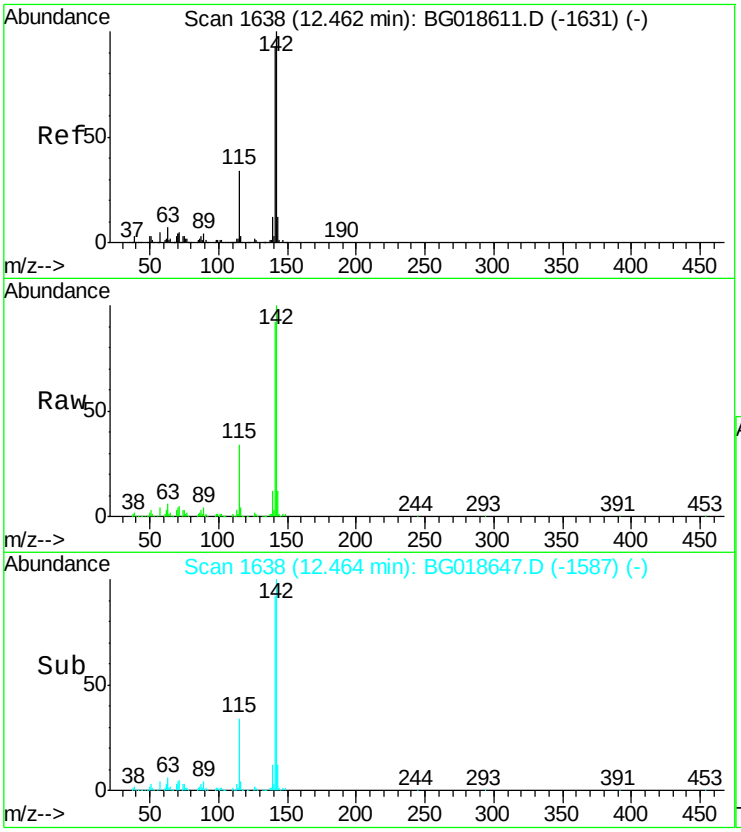




#36
4-Chloro-3-methylphenol
Concen: 43.54 ng
RT: 12.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:107 Resp: 236712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.0 | 20.6 | 31.0 |
| 142 | 84.8 | 62.6 | 93.8 |



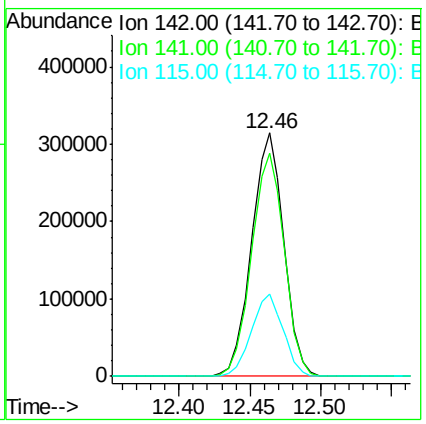


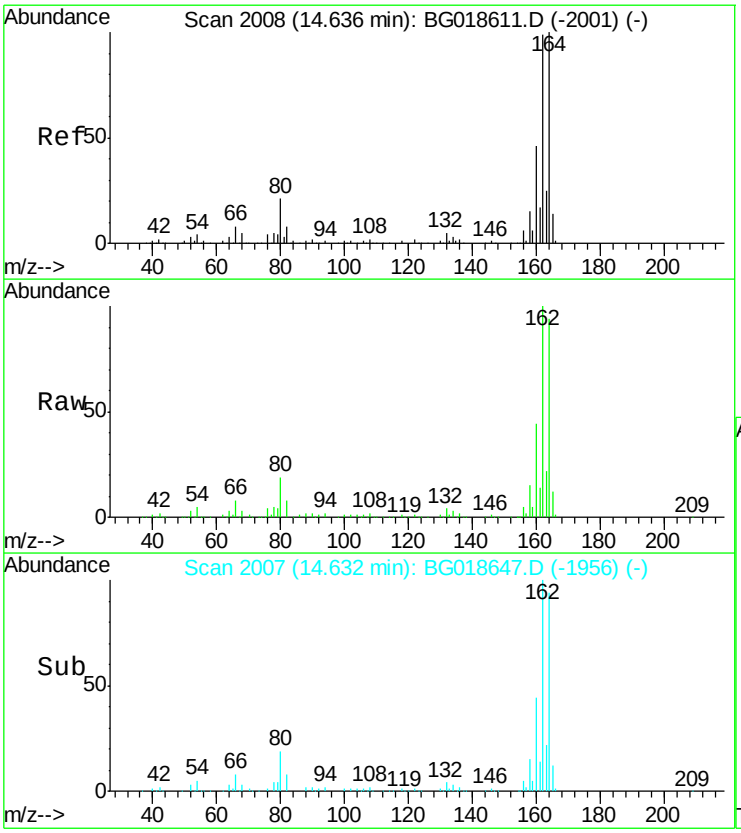

#37
2-Methylnaphthalene
Concen: 42.87 ng
RT: 12.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:142 Resp: 503978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.8 | 74.6 | 112.0 |
| 115 | 33.8 | 27.4 | 41.0 |

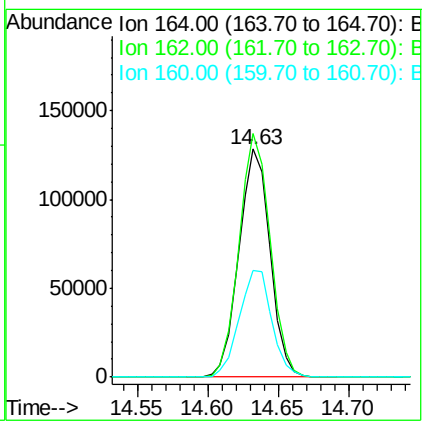


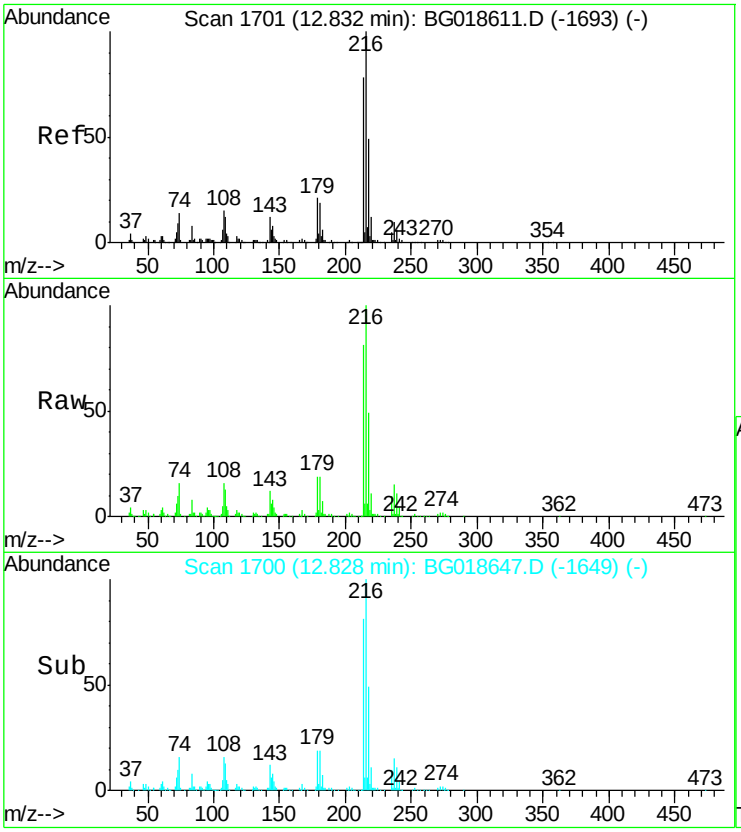




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:164 Resp: 197440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.7 | 78.8 | 118.2 |
| 160 | 46.9 | 36.4 | 54.6 |



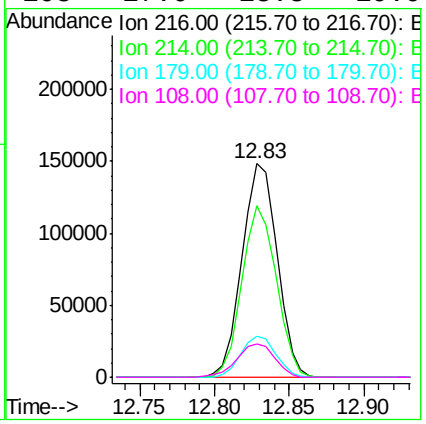


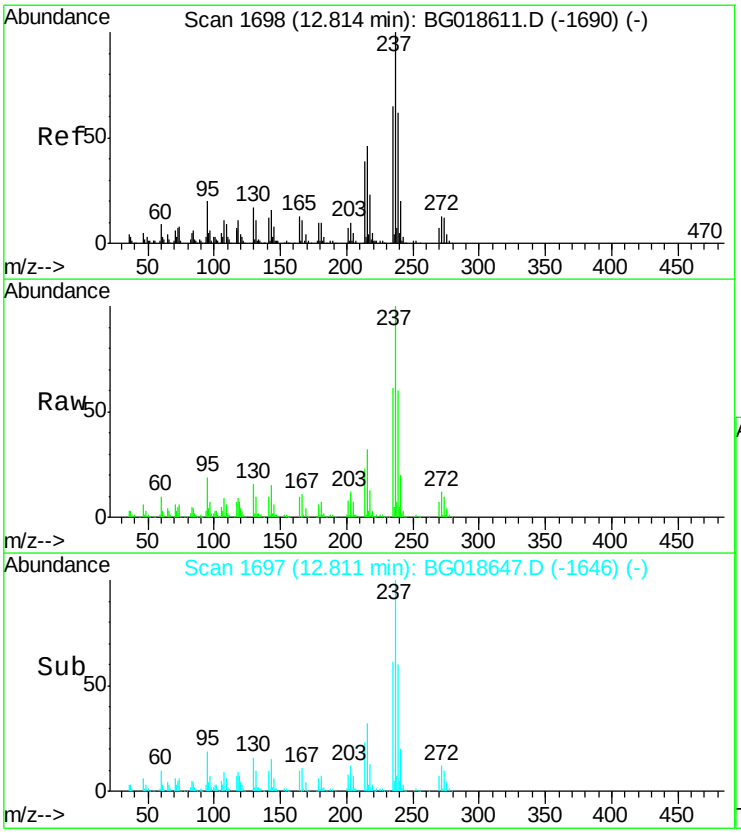

#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.66 ng
RT: 12.83 min Scan# 1700
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:216 Resp: 242074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.2 | 62.5 | 93.7 |
| 179 | 19.2 | 15.6 | 23.4 |
| 108 | 17.0 | 13.3 | 19.9 |

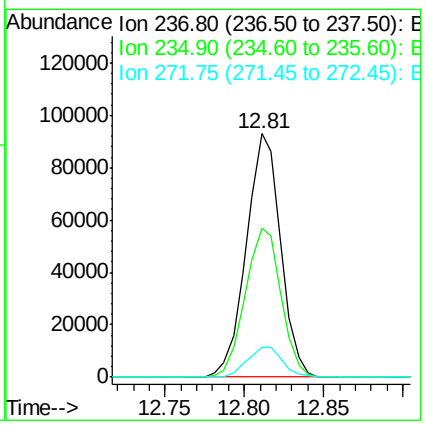


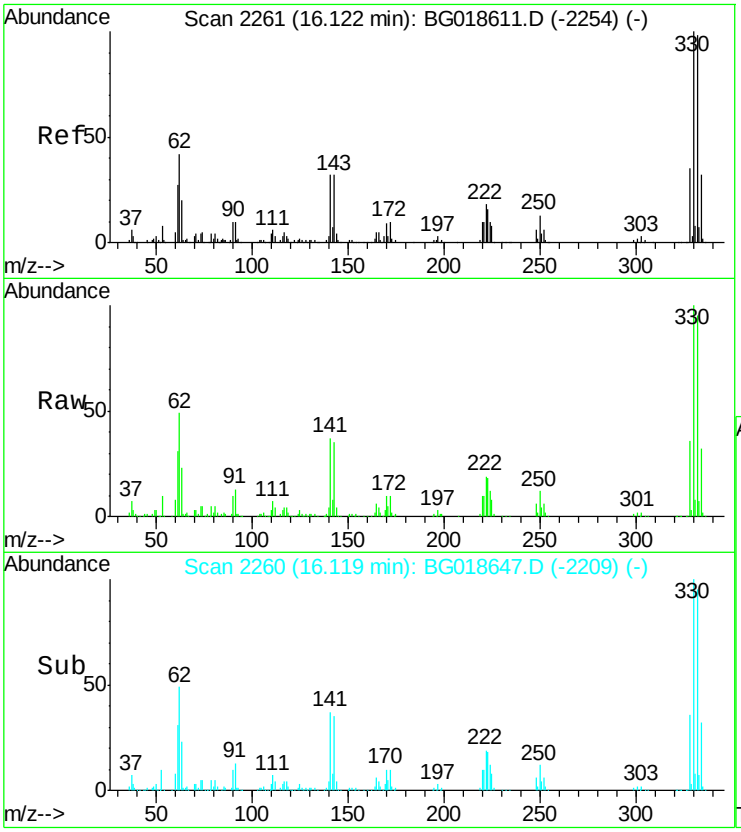




#40
Hexachlorocyclopentadiene
Concen: 44.50 ng
RT: 12.81 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:237 Resp: 139937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.0 | 44.6 | 84.6 |
| 272 | 12.4 | 0.0 | 32.8 |



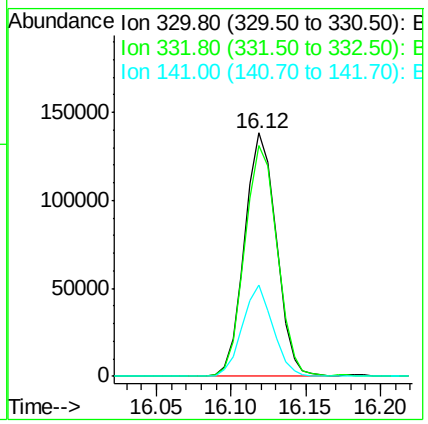


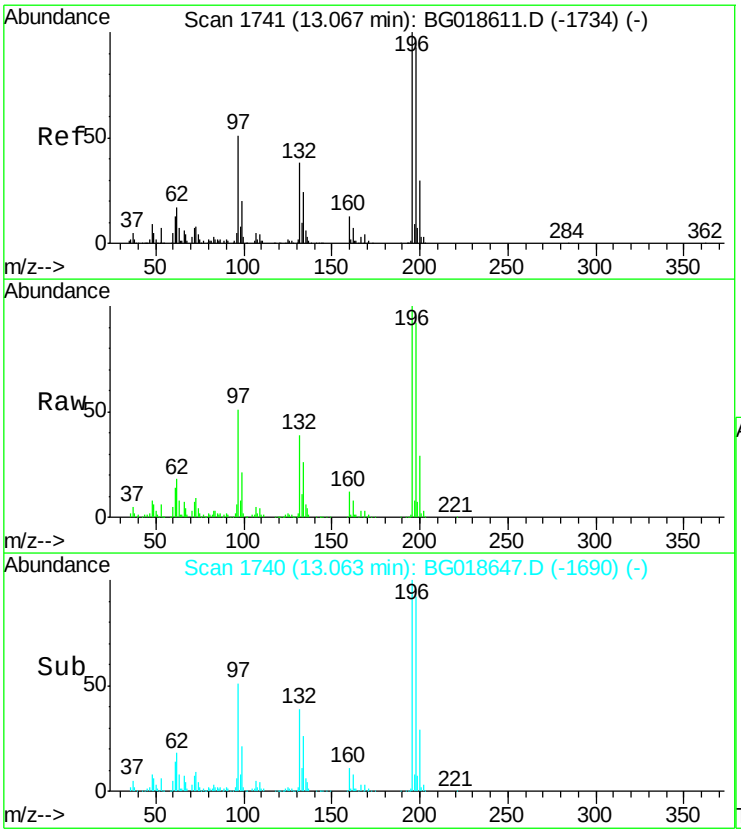

#41
2,4,6-Tribromophenol
Concen: 76.63 ng
RT: 16.12 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:330 Resp: 203725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 78.1 | 117.1 |
| 141 | 36.0 | 28.2 | 42.2 |

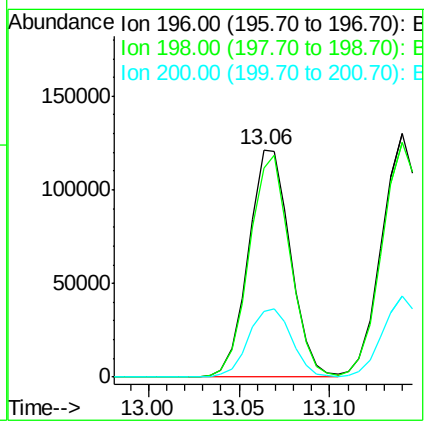


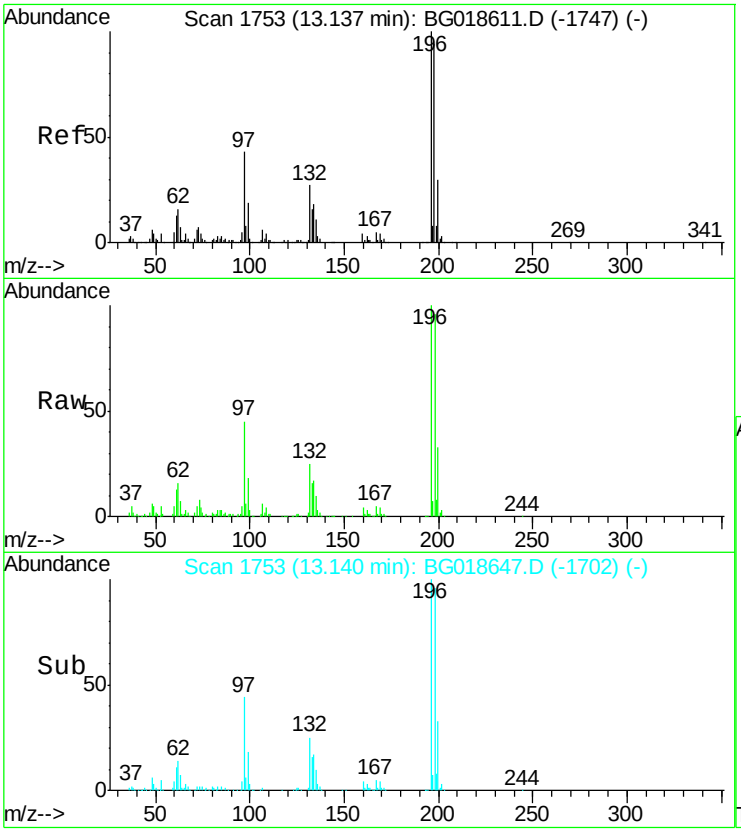




#42
2,4,6-Trichlorophenol
Concen: 44.91 ng
RT: 13.06 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:196 Resp: 194752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.3 | 74.7 | 112.1 |
| 200 | 29.2 | 24.1 | 36.1 |



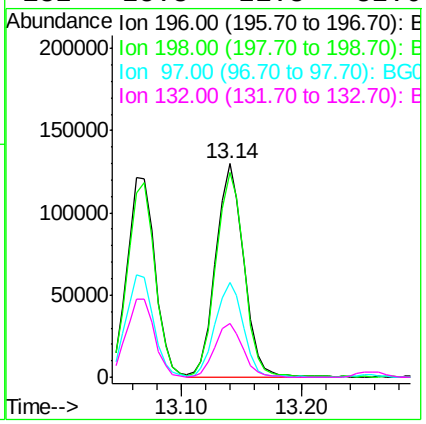


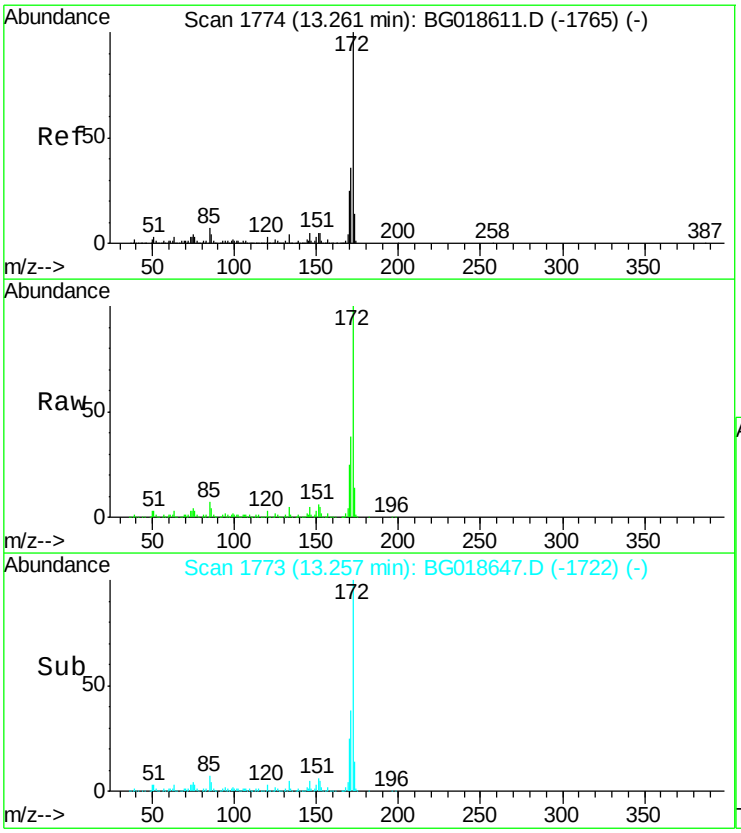

#43
2,4,5-Trichlorophenol
Concen: 43.43 ng
RT: 13.14 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:196 Resp: 206625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 75.2 | 112.8 |
| 97 | 44.6 | 34.2 | 51.2 |
| 132 | 25.3 | 21.8 | 32.6 |

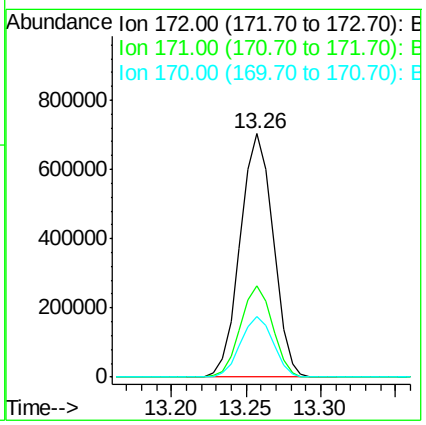


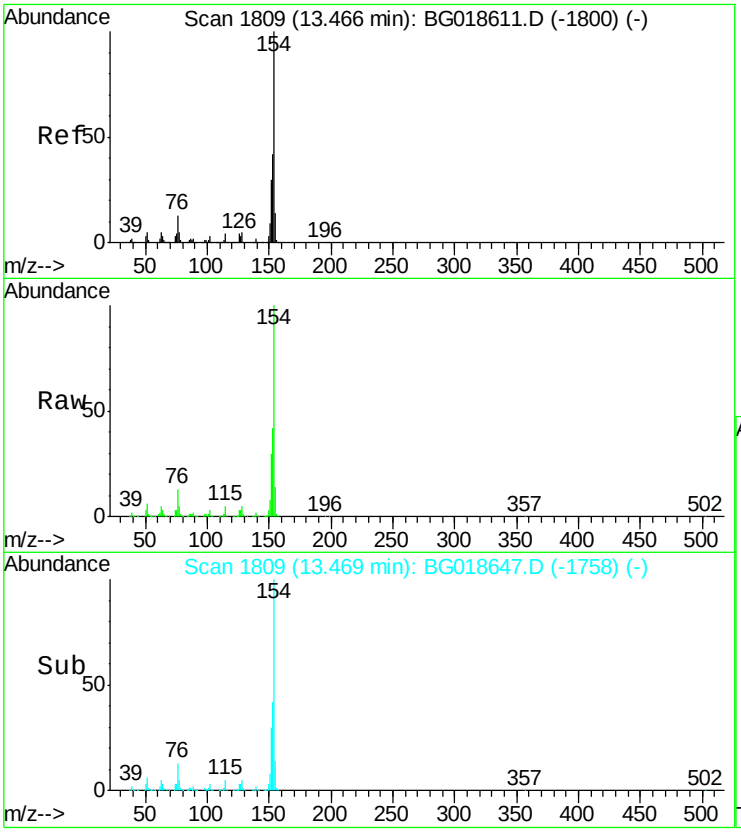




#44
2-Fluorobiphenyl
Concen: 75.81 ng
RT: 13.26 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:172 Resp: 1078194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.7 | 29.0 | 43.6 |
| 170 | 24.9 | 19.9 | 29.9 |



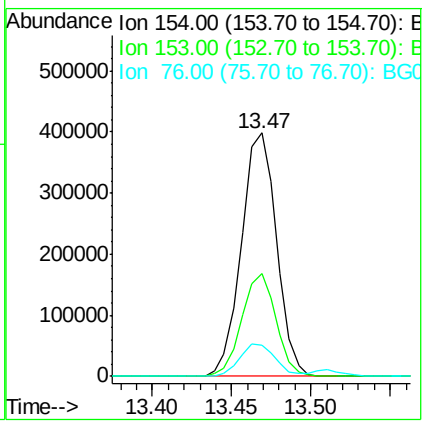


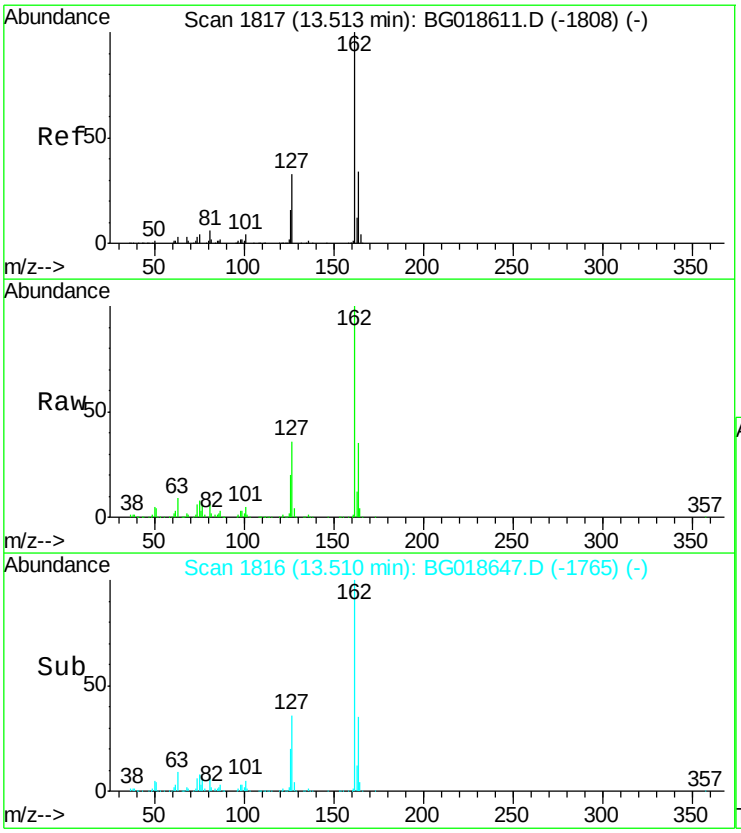

#45
1,1'-Biphenyl
Concen: 39.03 ng
RT: 13.47 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:154 Resp: 612736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.4 | 21.9 | 61.9 |
| 76 | 12.8 | 0.0 | 33.2 |

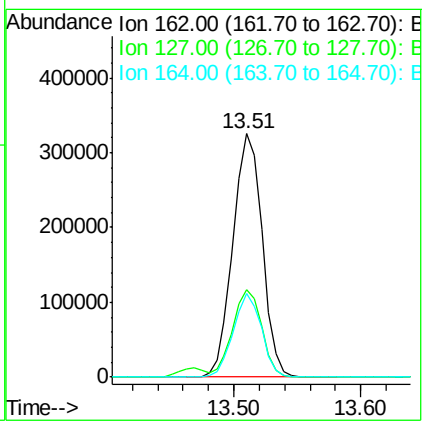


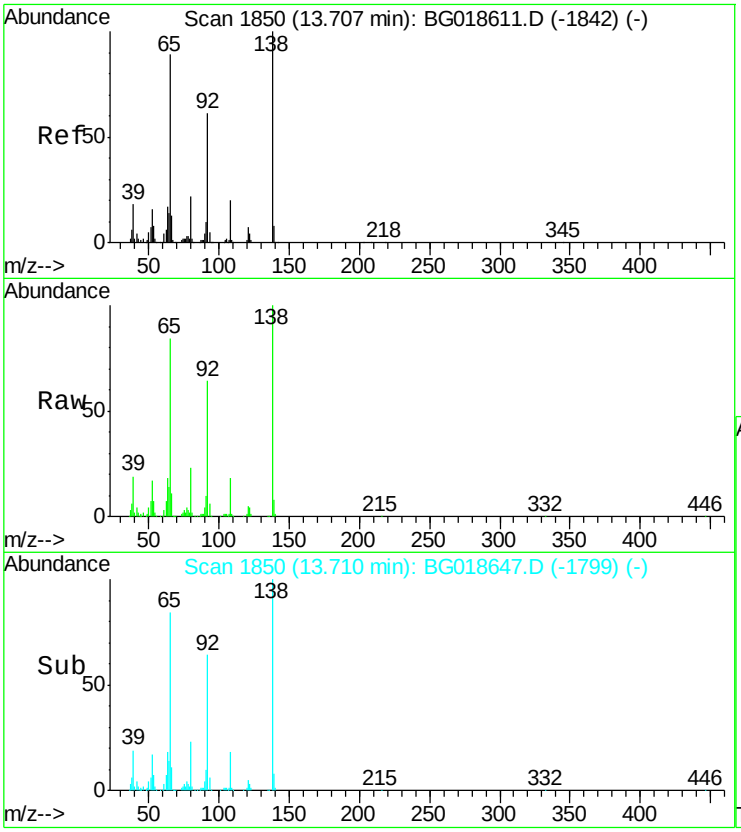




#46
2-Chloronaphthalene
Concen: 42.91 ng
RT: 13.51 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:162 Resp: 519108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.1 | 28.3 | 42.5 |
| 164 | 34.5 | 27.4 | 41.0 |



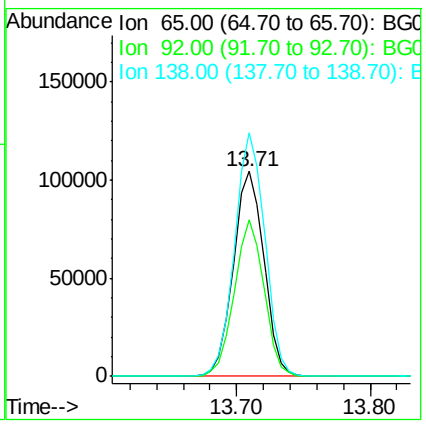


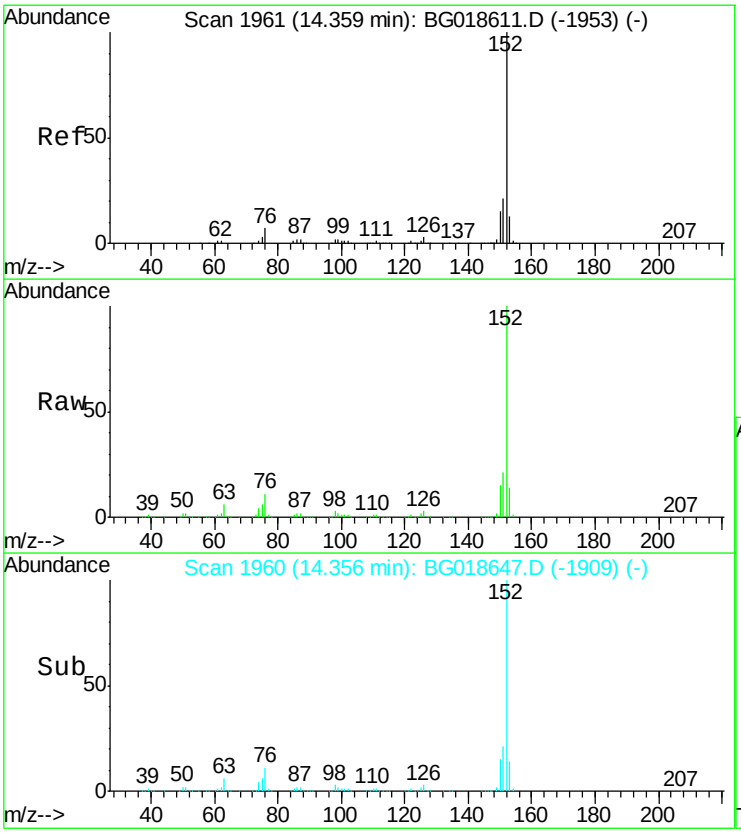

#47
2-Nitroaniline
Concen: 45.52 ng
RT: 13.71 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion: 65 Resp: 165697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 76.3 | 54.8 | 82.2 |
| 138 | 118.9 | 89.6 | 134.4 |

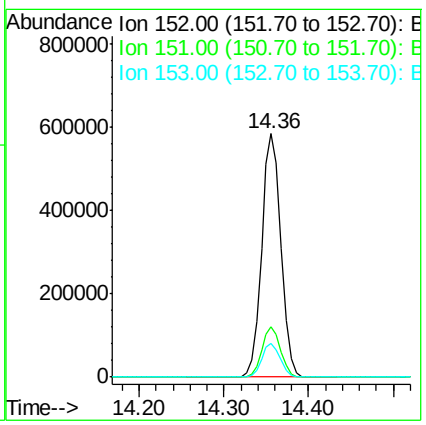


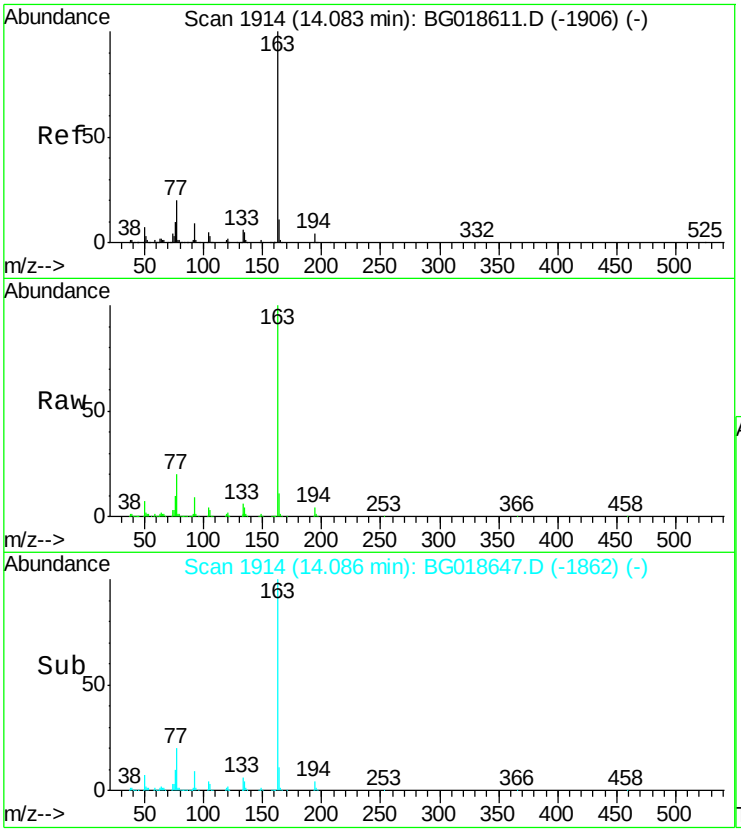




#48
Acenaphthylene
Concen: 43.05 ng
RT: 14.36 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:152 Resp: 920586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 17.0 | 25.4 |
| 153 | 13.9 | 10.4 | 15.6 |



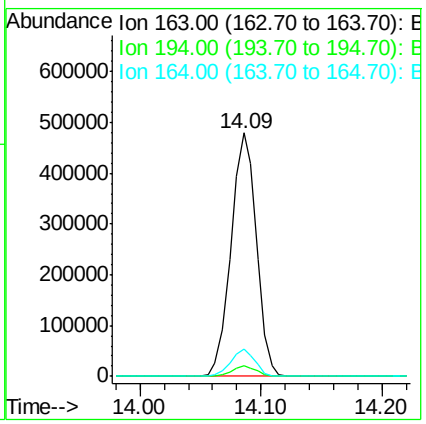


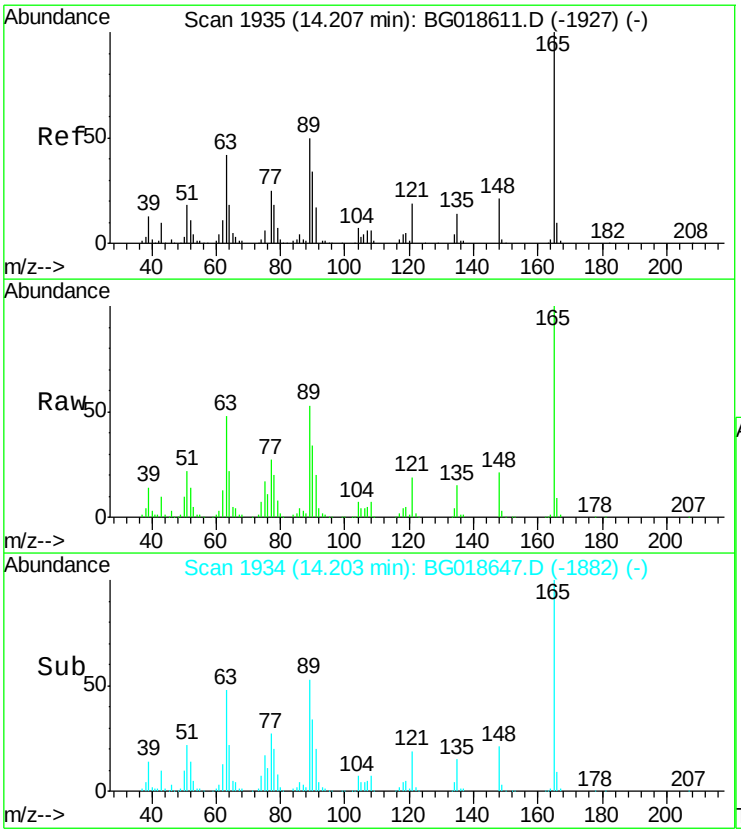

#49
Dimethylphthalate
Concen: 42.74 ng
RT: 14.09 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:163 Resp: 698849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.1 | 4.7 |
| 164 | 11.1 | 8.8 | 13.2 |

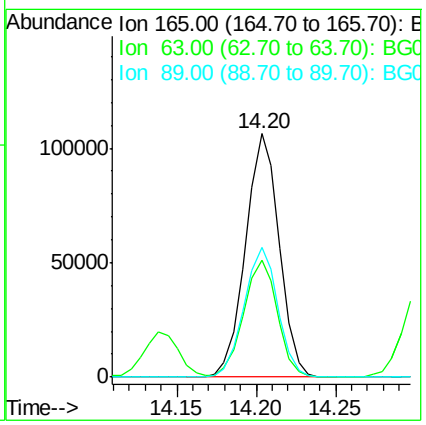


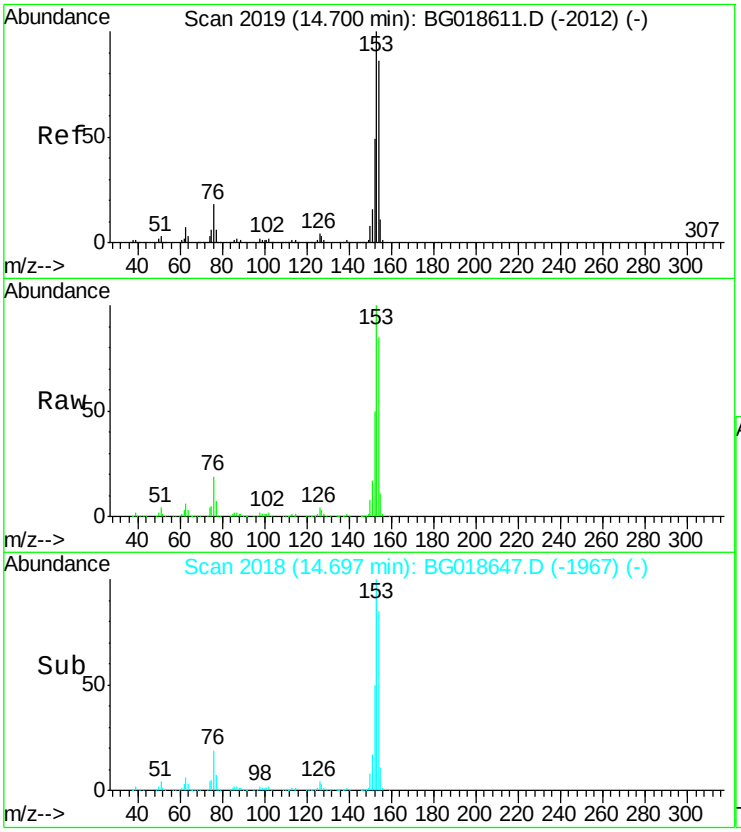




#50
2,6-Dinitrotoluene
Concen: 44.14 ng
RT: 14.20 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:165 Resp: 156803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.9 | 35.7 | 53.5 |
| 89 | 53.1 | 39.7 | 59.5 |



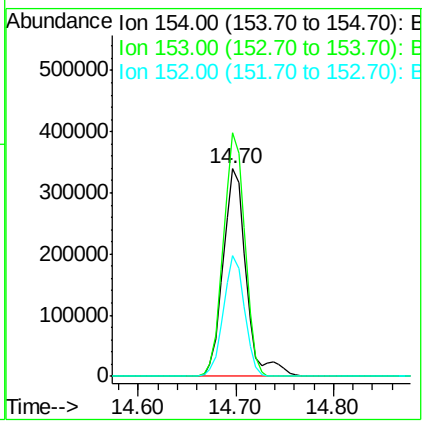


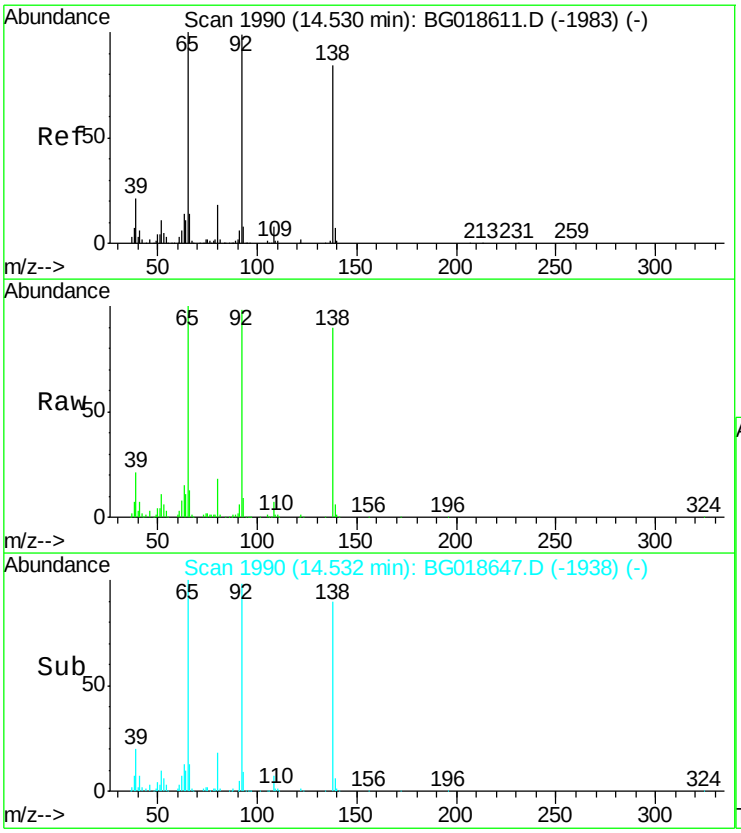

#51
Acenaphthene
Concen: 44.90 ng
RT: 14.70 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:154 Resp: 558596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 117.3 | 92.9 | 139.3 |
| 152 | 58.3 | 45.8 | 68.8 |

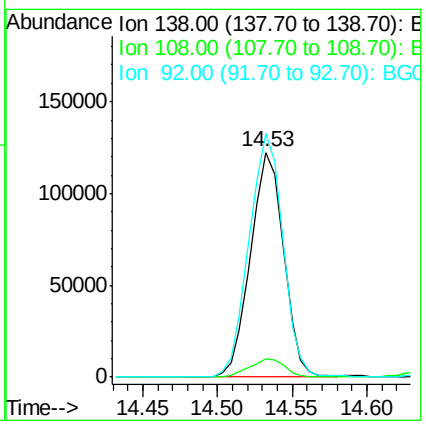


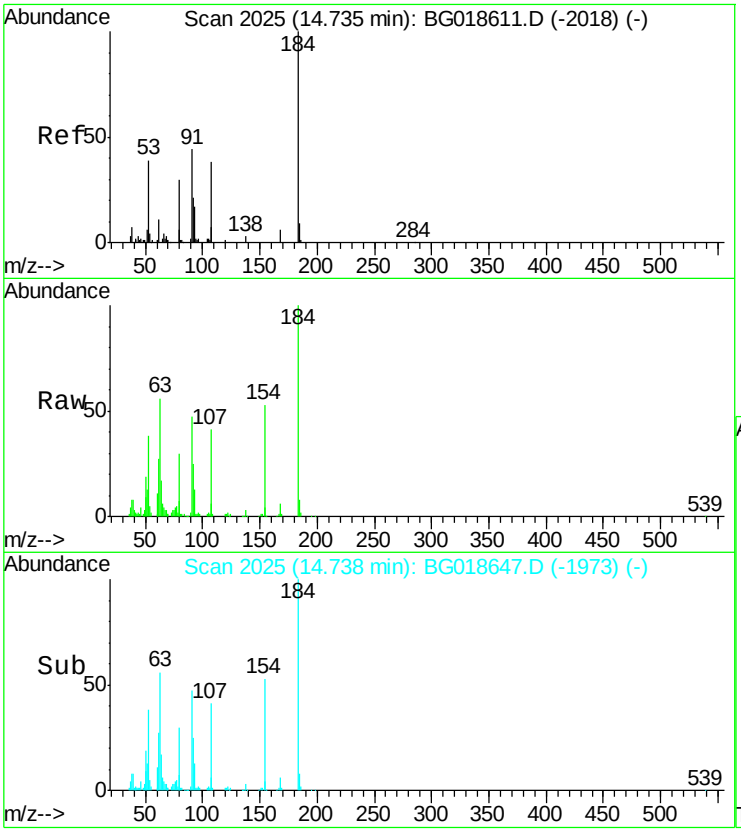




#52
3-Nitroaniline
Concen: 44.17 ng
RT: 14.53 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:138 Resp: 187499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 8.1 | 7.9 | 11.9 |
| 92 | 108.2 | 94.2 | 141.4 |



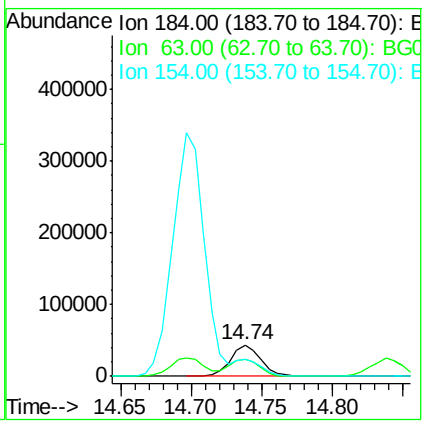


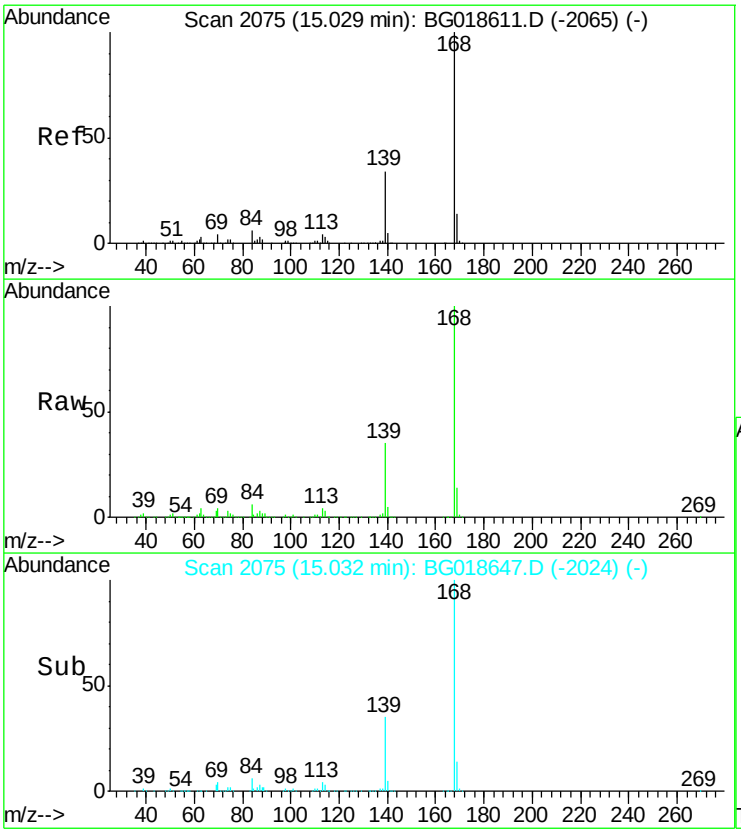

#53
2,4-Dinitrophenol
Concen: 40.80 ng
RT: 14.74 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:184 Resp: 65904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 56.1 | 42.7 | 64.1 |
| 154 | 52.7 | 44.3 | 66.5 |

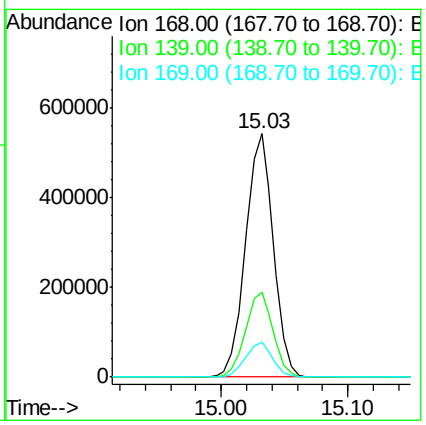


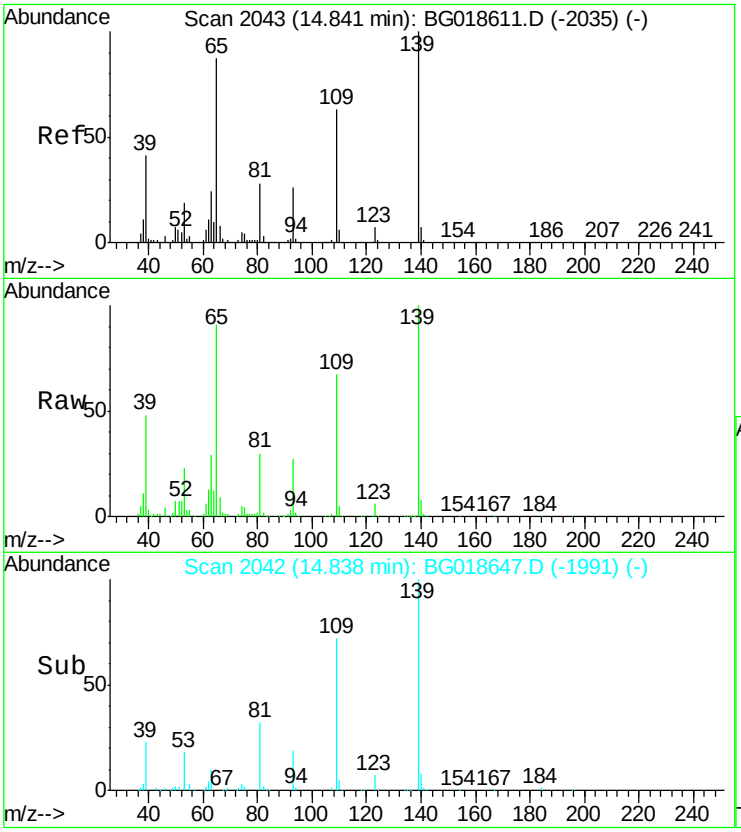




#54
Dibenzofuran
Concen: 42.49 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:168 Resp: 821527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.0 | 27.4 | 41.0 |
| 169 | 14.3 | 11.0 | 16.4 |



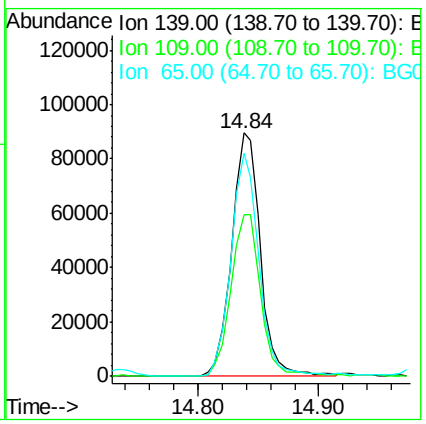


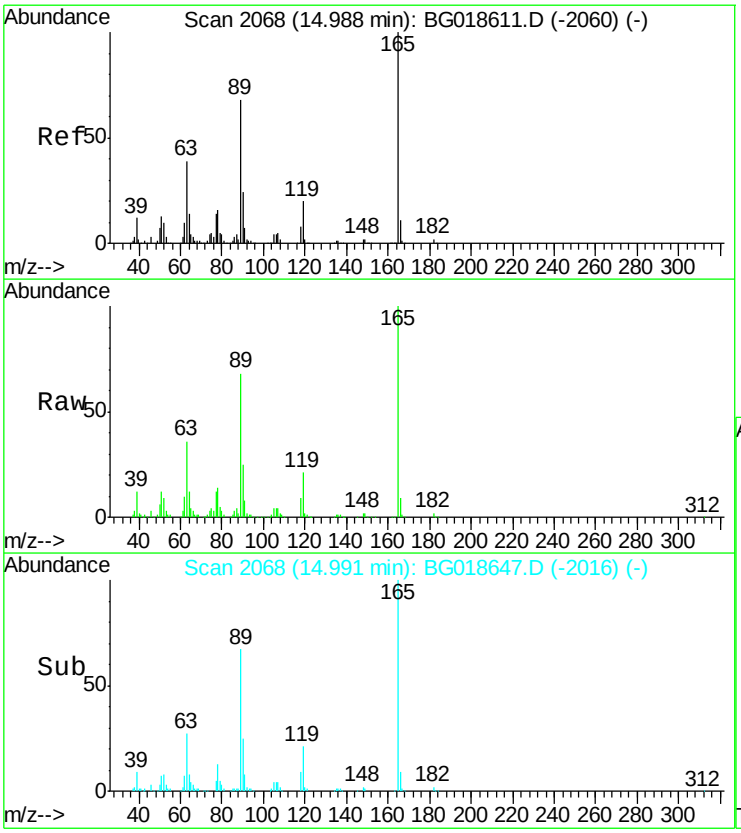

#55
4-Nitrophenol
Concen: 45.17 ng
RT: 14.84 min Scan# 2042
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:139 Resp: 148024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 66.6 | 43.2 | 83.2 |
| 65 | 91.5 | 67.8 | 107.8 |

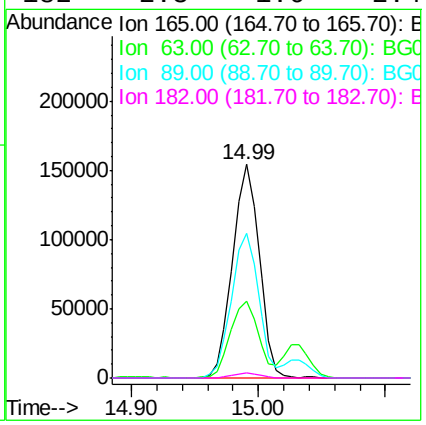


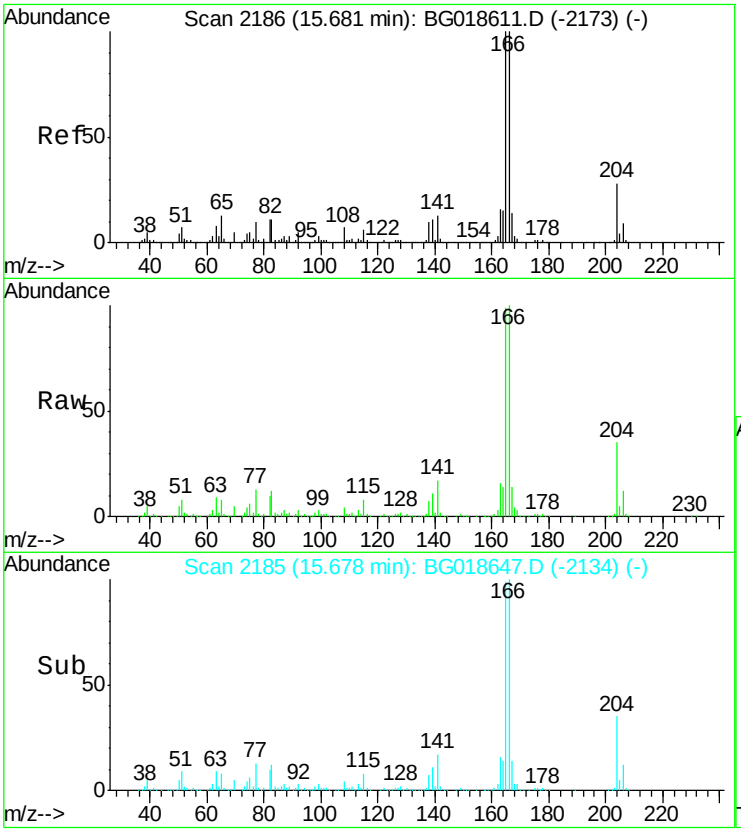




#56
2,4-Dinitrotoluene
Concen: 44.74 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:165 Resp: 225373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.8 | 31.0 | 46.4 |
| 89 | 68.0 | 54.4 | 81.6 |
| 182 | 2.3 | 1.6 | 2.4 |



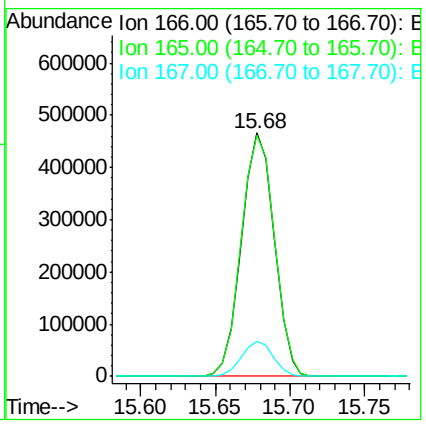


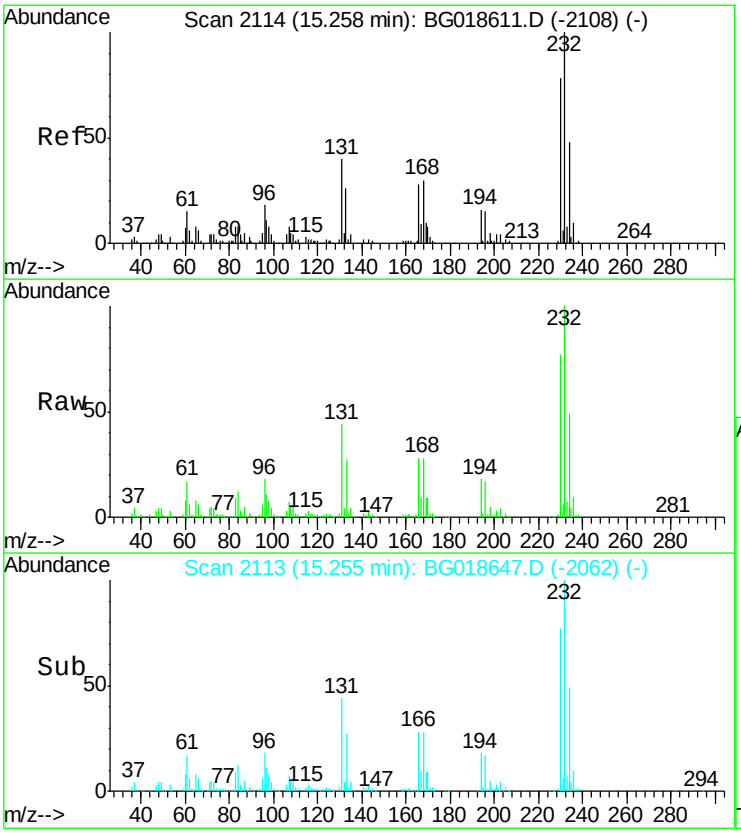

#57
Fluorene
Concen: 42.44 ng
RT: 15.68 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:166 Resp: 706448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.1 | 80.0 | 120.0 |
| 167 | 14.2 | 11.1 | 16.7 |

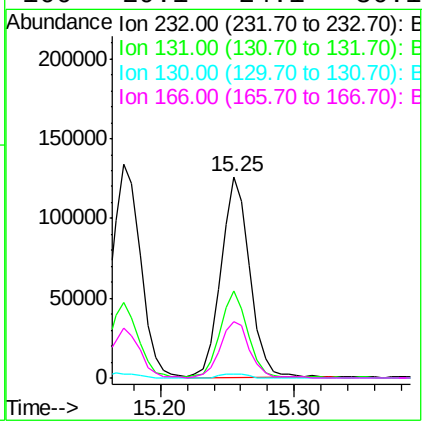


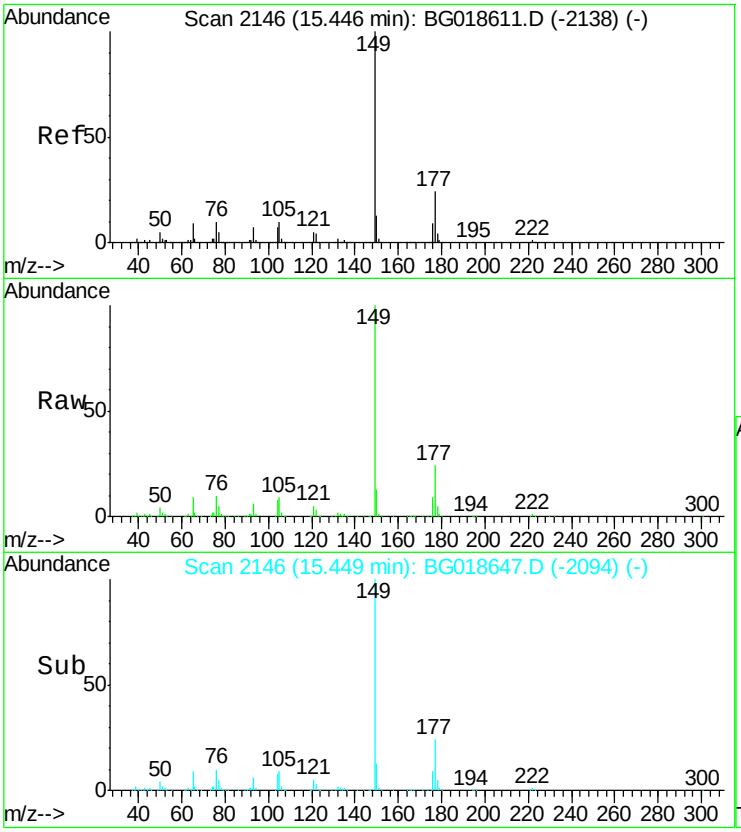




#58
2,3,4,6-Tetrachlorophenol
Concen: 42.42 ng
RT: 15.25 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:232 Resp: 189260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.0 | 33.0 | 49.6 |
| 130 | 2.1 | 2.0 | 3.0 |
| 166 | 29.1 | 24.1 | 36.1 |



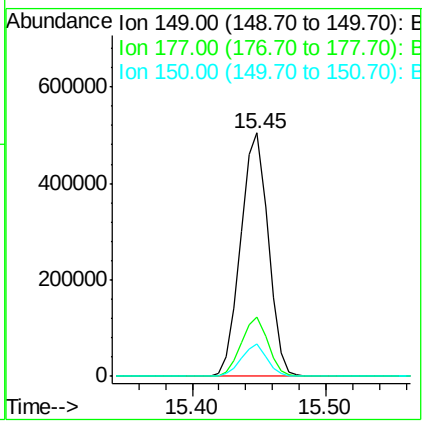


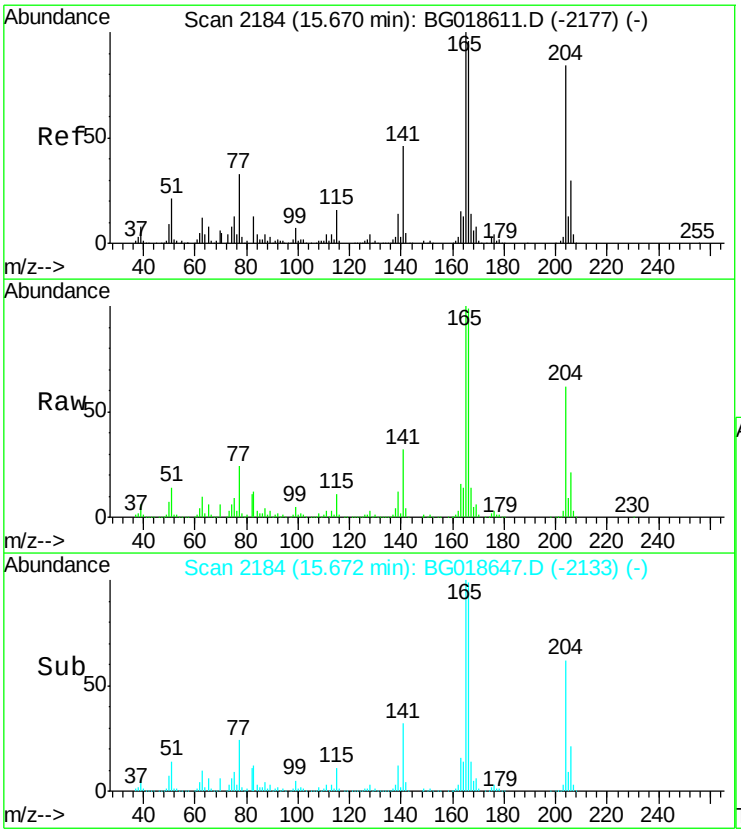

#59
Diethylphthalate
Concen: 41.94 ng
RT: 15.45 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 715224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.2 | 19.6 | 29.4 |
| 150 | 13.2 | 10.2 | 15.2 |

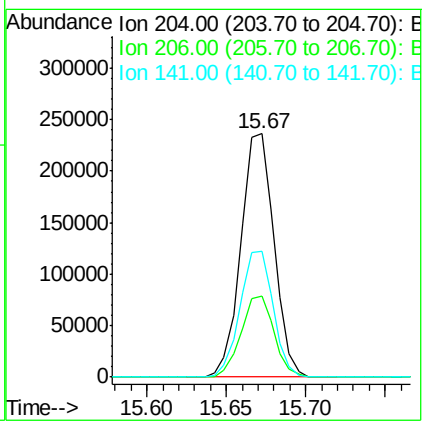


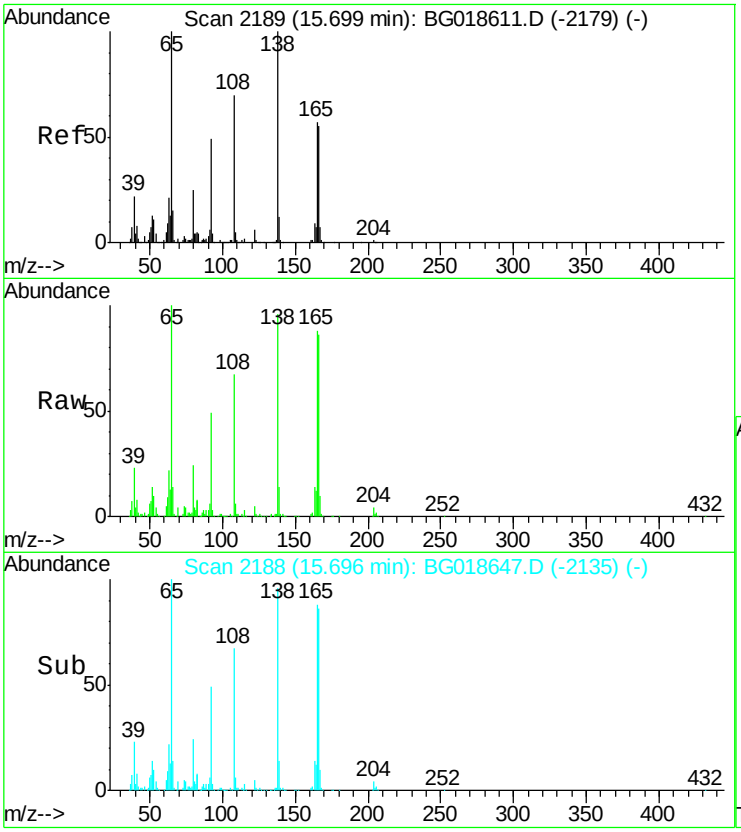




#60
4-Chlorophenyl-phenylether
Concen: 42.79 ng
RT: 15.67 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:204 Resp: 342213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.4 | 28.3 | 42.5 |
| 141 | 51.9 | 44.0 | 66.0 |



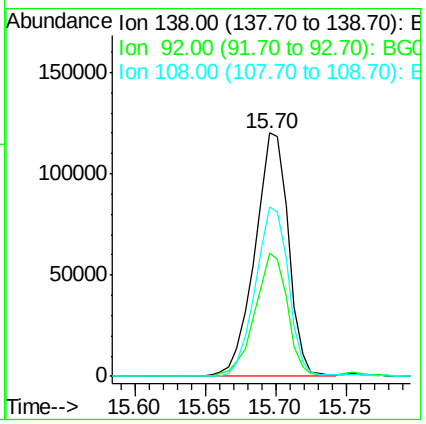


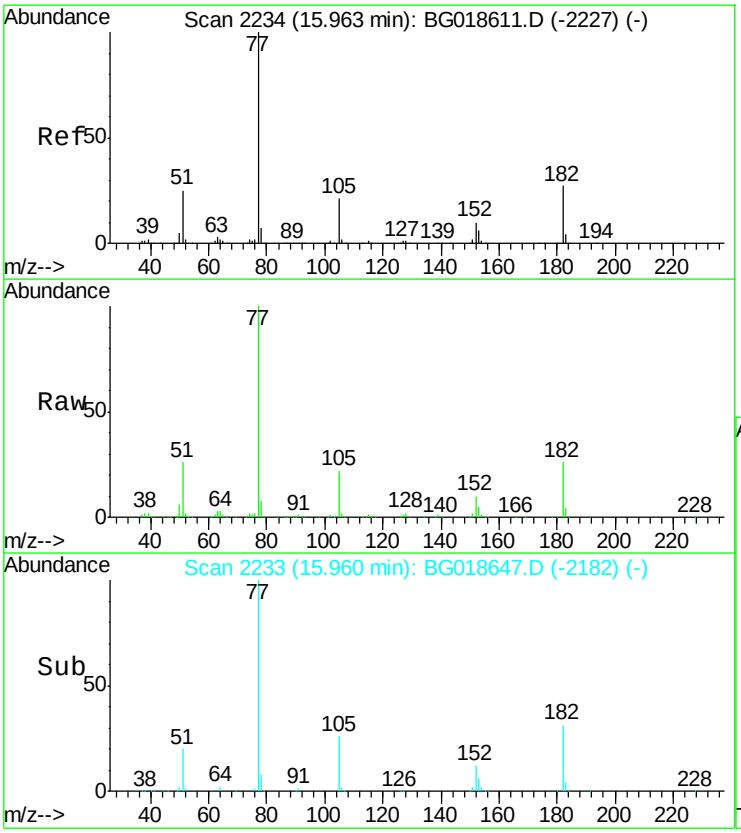

#61
4-Nitroaniline
Concen: 44.05 ng
RT: 15.70 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:138 Resp: 201585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.8 | 29.1 | 69.1 |
| 108 | 69.4 | 49.8 | 89.8 |

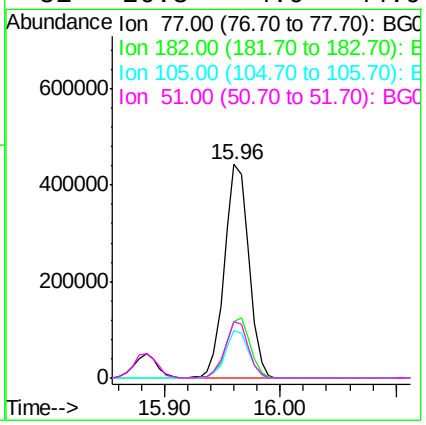


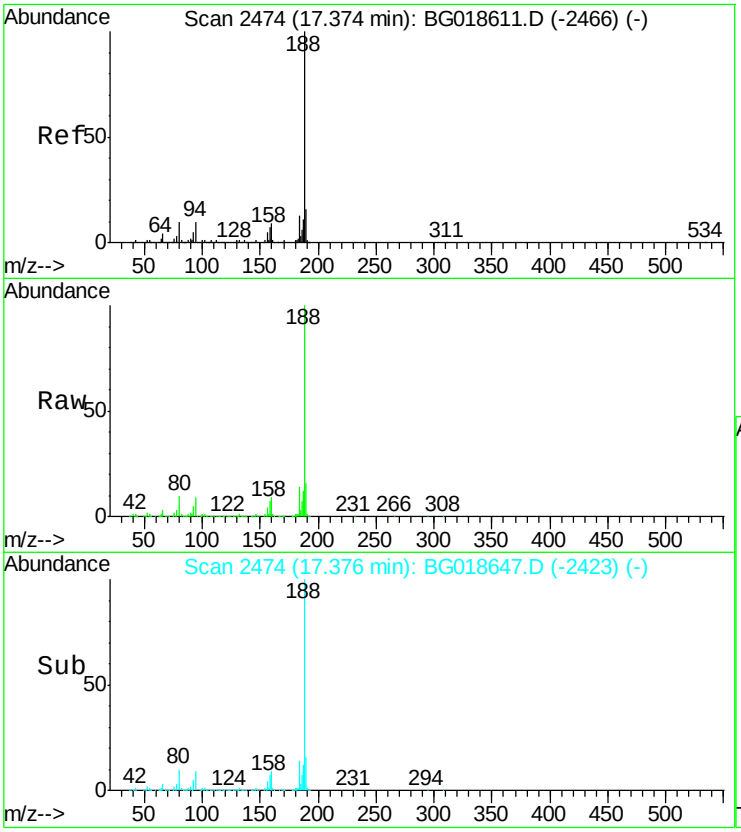




#62
Azobenzene
Concen: 42.69 ng
RT: 15.96 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion: 77 Resp: 643337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.3 | 7.0 | 47.0 |
| 105 | 22.1 | 1.4 | 41.4 |
| 51 | 26.3 | 4.9 | 44.9 |



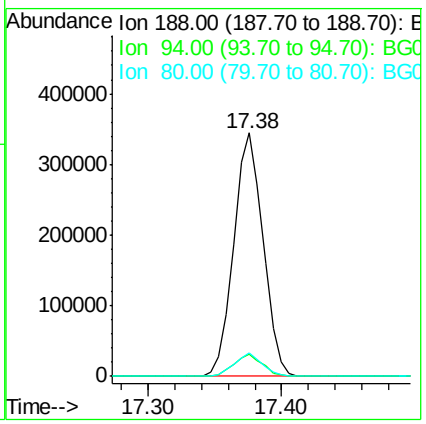


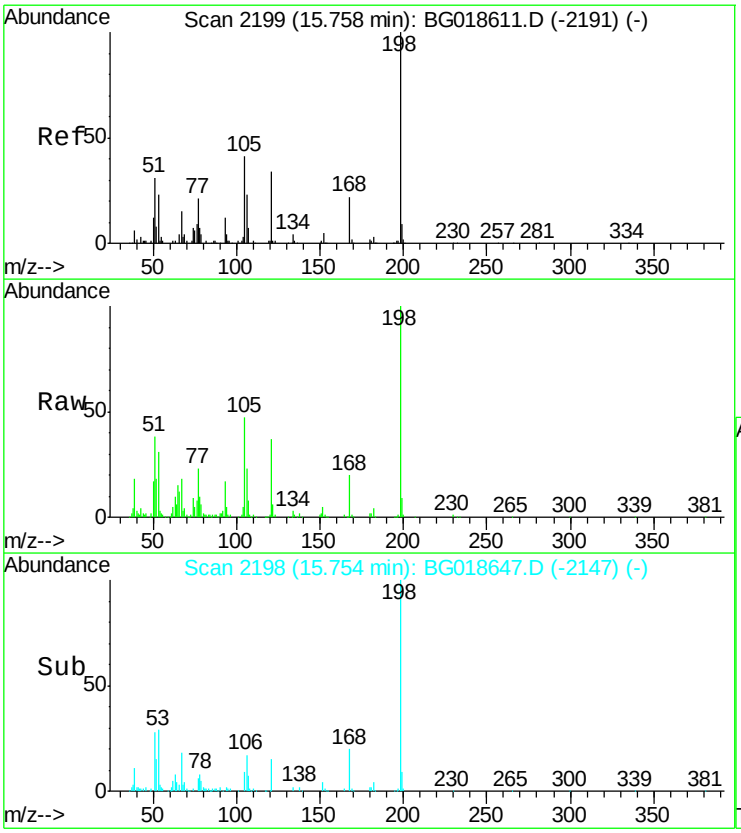

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2474
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:188 Resp: 523646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.2 | 7.7 | 11.5 |
| 80 | 9.9 | 7.8 | 11.8 |

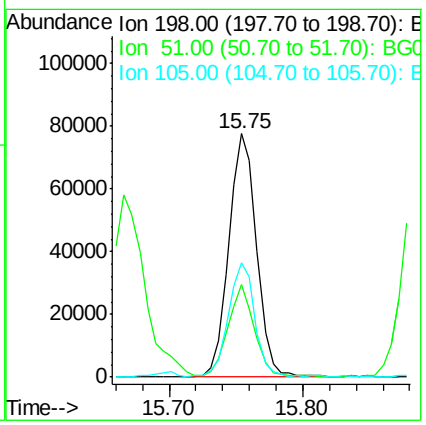


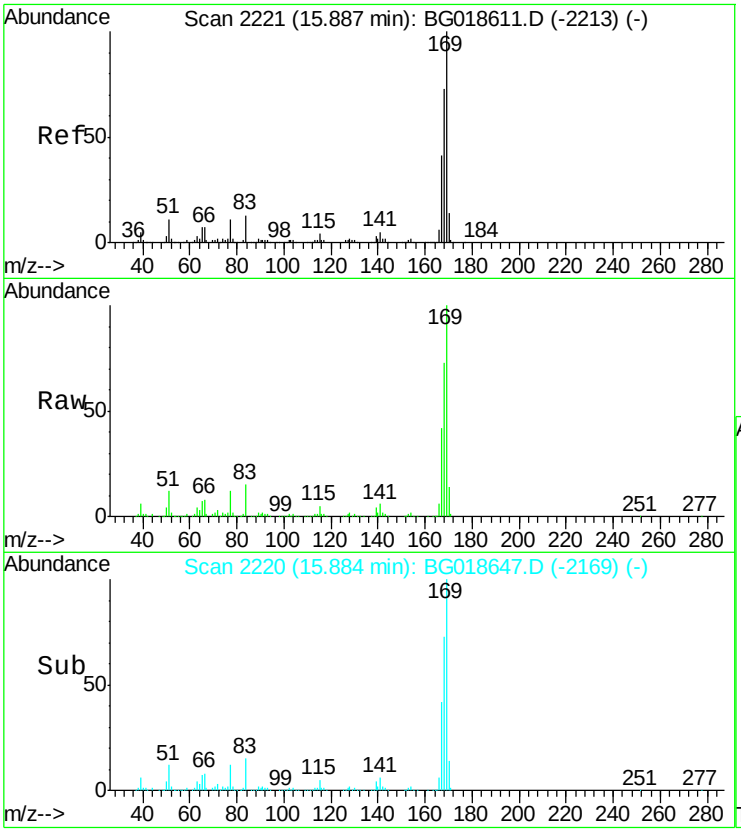




#64
4,6-Dinitro-2-methylphenol
Concen: 40.75 ng
RT: 15.75 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:198 Resp: 112391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 37.8 | 14.2 | 54.2 |
| 105 | 47.0 | 21.1 | 61.1 |



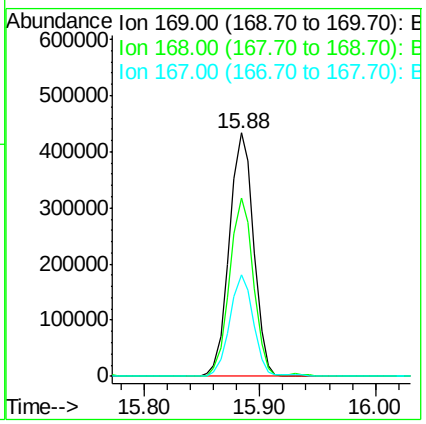


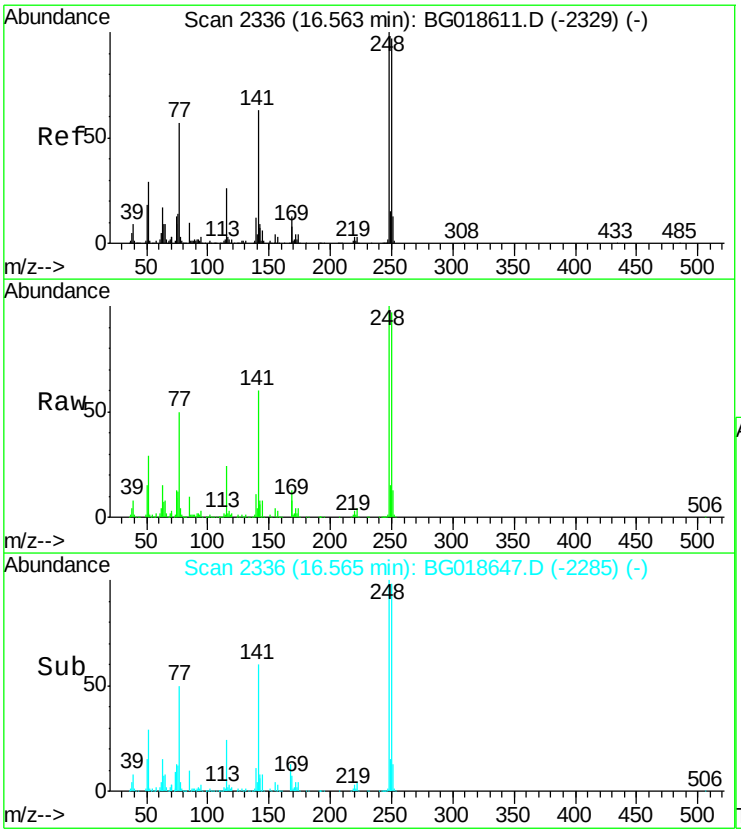

#65
n-Nitrosodiphenylamine
Concen: 41.70 ng
RT: 15.88 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:169 Resp: 632493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 73.5 | 58.2 | 87.2 |
| 167 | 41.8 | 32.7 | 49.1 |

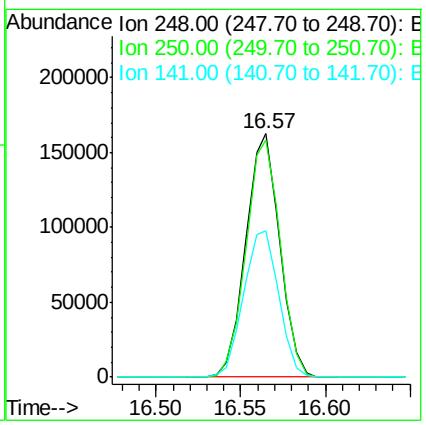


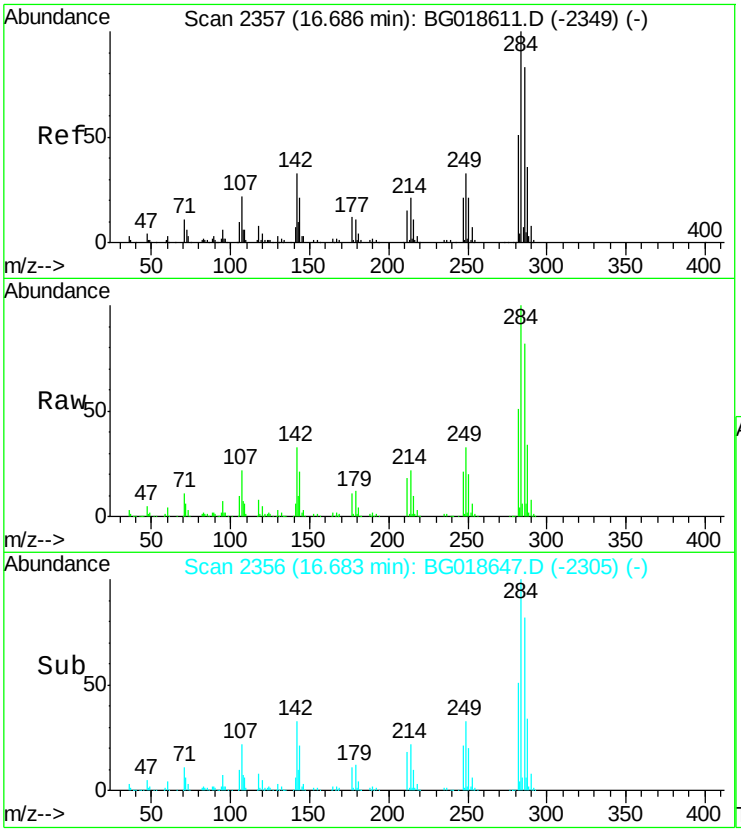




#66
4-Bromophenyl-phenylether
Concen: 42.50 ng
RT: 16.57 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:248 Resp: 226362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.4 | 77.8 | 116.8 |
| 141 | 60.1 | 50.4 | 75.6 |



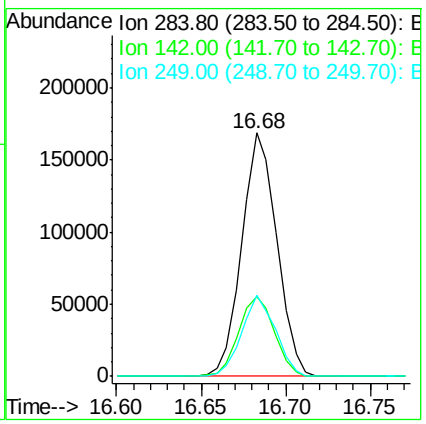


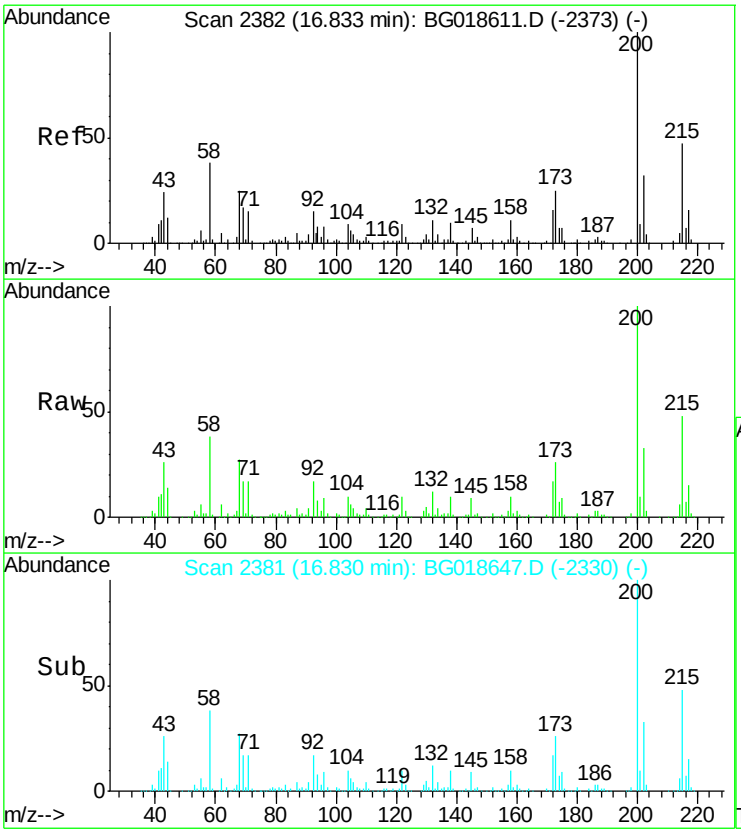

#67
Hexachlorobenzene
Concen: 42.17 ng
RT: 16.68 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:284 Resp: 243979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.0 | 26.6 | 39.8 |
| 249 | 33.3 | 26.2 | 39.2 |

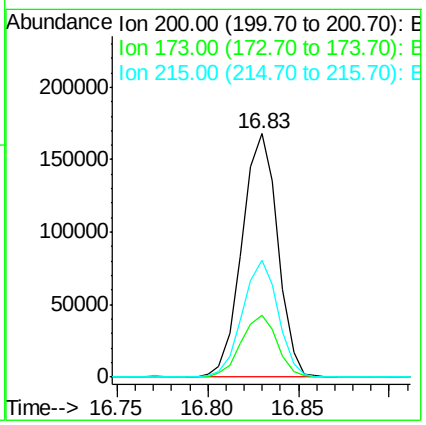


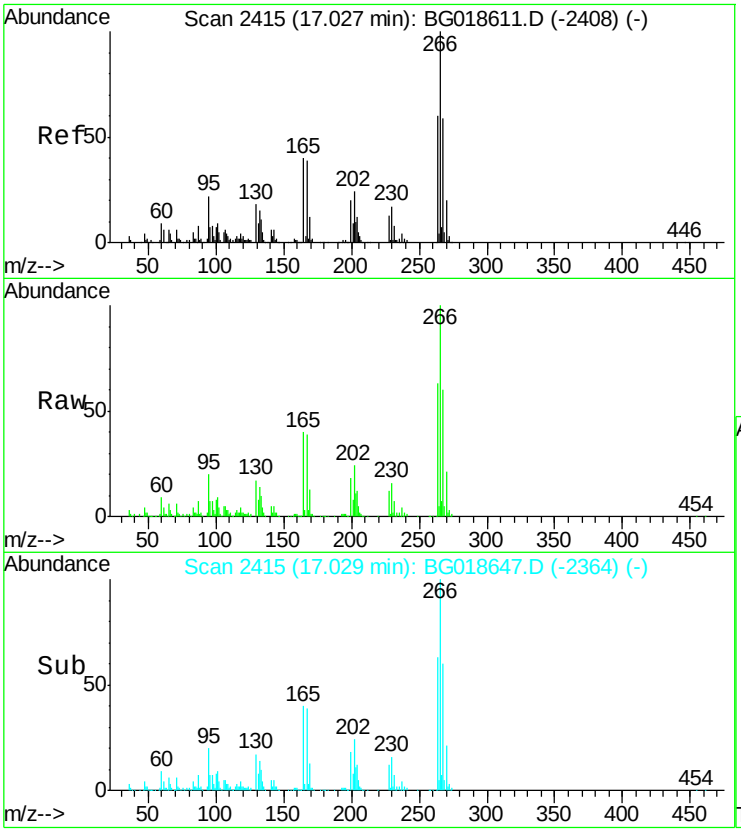




#68
Atrazine
Concen: 38.12 ng
RT: 16.83 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:200 Resp: 229868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.6 | 5.2 | 45.2 |
| 215 | 47.8 | 27.0 | 67.0 |



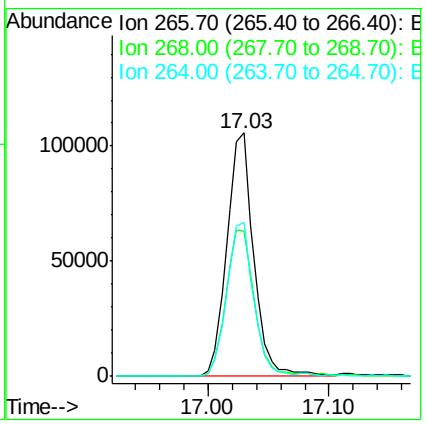


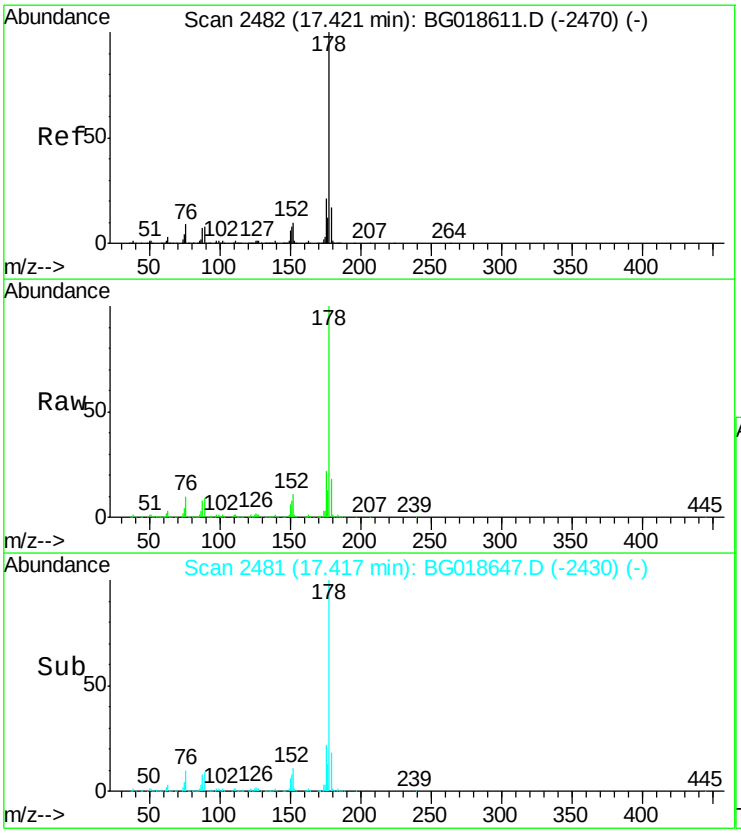

#69
Pentachlorophenol
Concen: 45.95 ng
RT: 17.03 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:266 Resp: 163978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 59.8 | 47.6 | 71.4 |
| 264 | 63.1 | 48.1 | 72.1 |

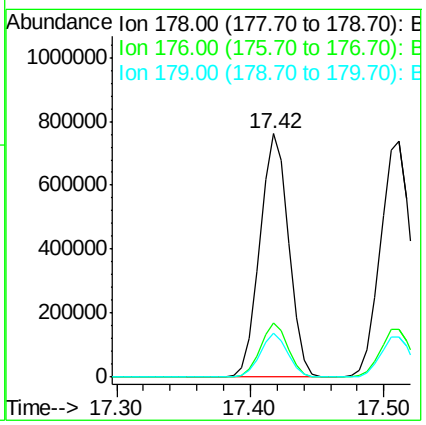


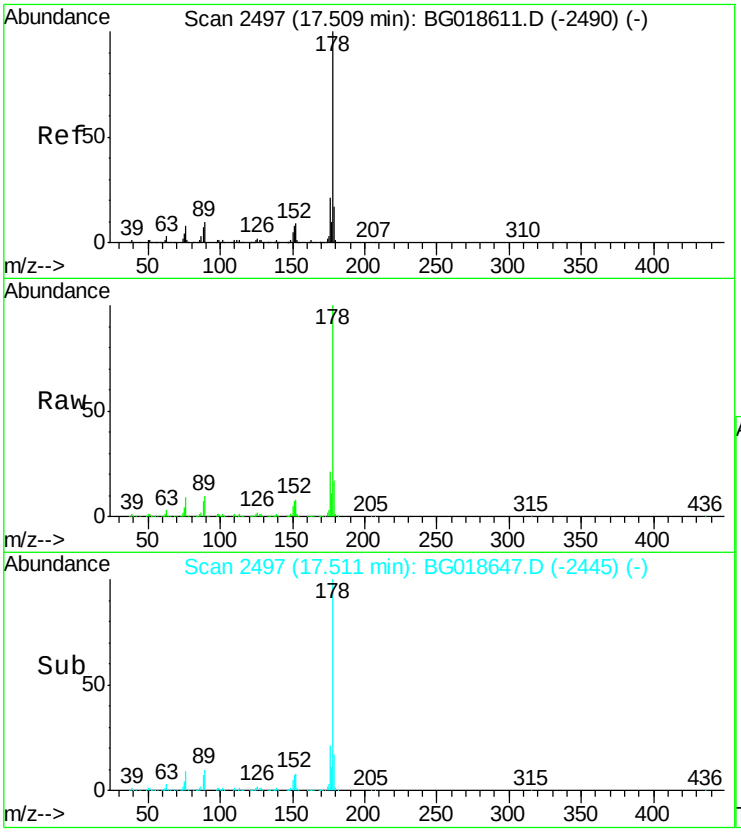




#70
Phenanthrene
Concen: 41.21 ng
RT: 17.42 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:178 Resp: 1134986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 22.0 | 16.7 | 25.1 |
| 179 | 18.0 | 13.9 | 20.9 |



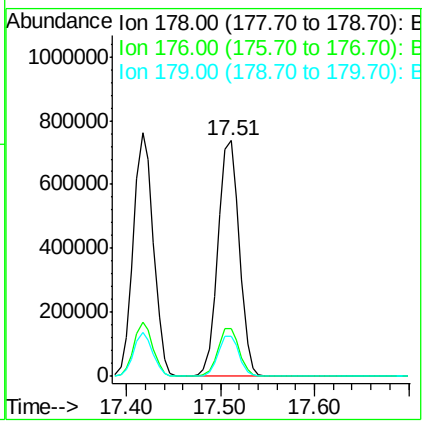


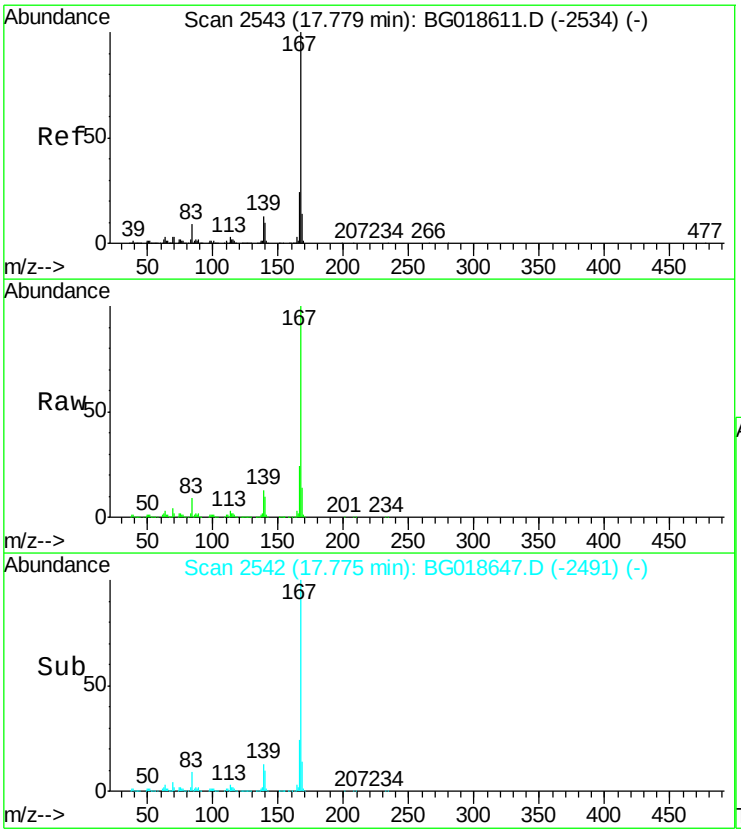

#71
Anthracene
Concen: 41.87 ng
RT: 17.51 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:178 Resp: 1167642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.5 | 16.8 | 25.2 |
| 179 | 17.0 | 13.9 | 20.9 |

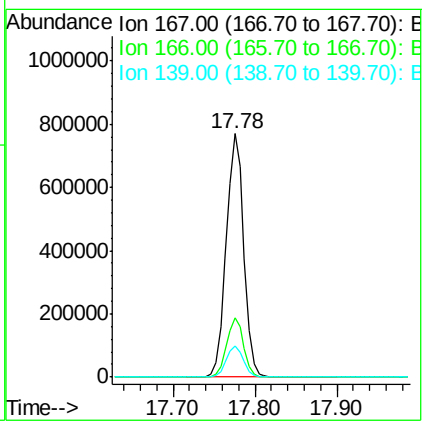


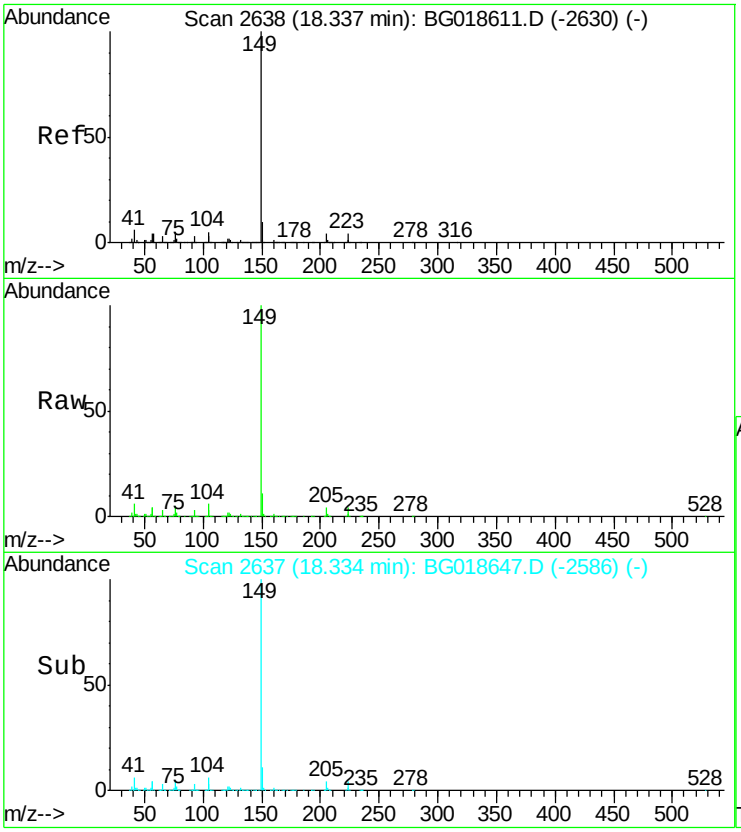




#72
Carbazole
Concen: 42.31 ng
RT: 17.78 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:167 Resp: 1141999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.4 | 19.0 | 28.6 |
| 139 | 12.9 | 10.2 | 15.4 |



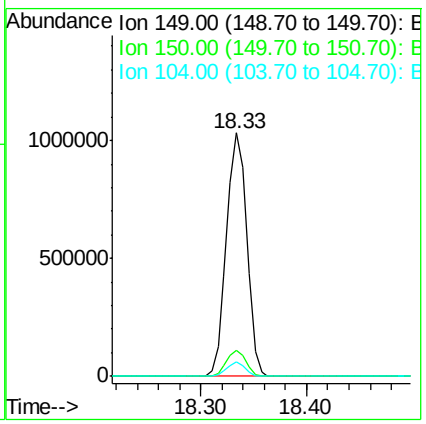


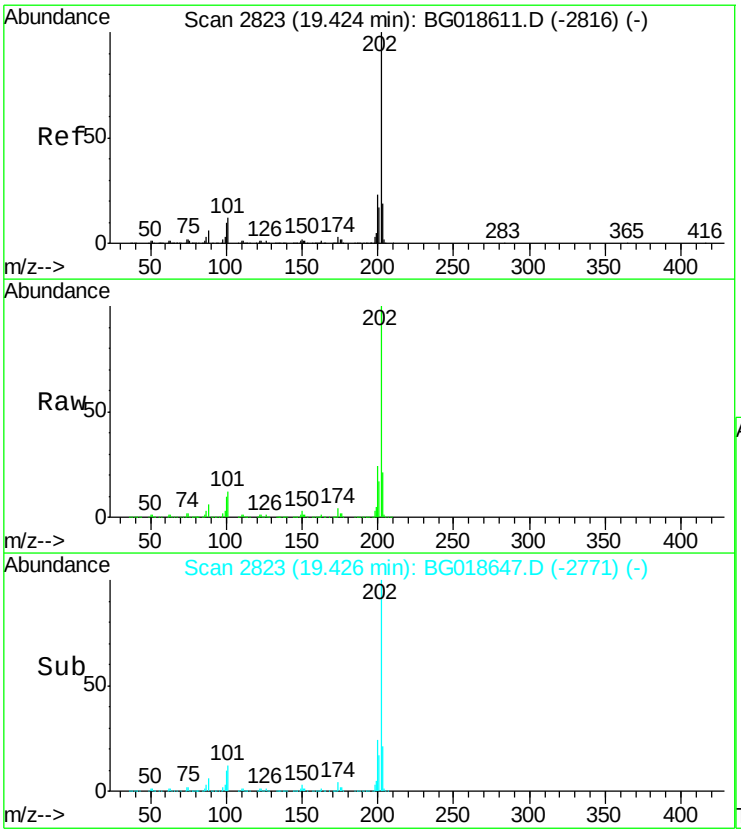

#73
Di-n-butylphthalate
Concen: 43.04 ng
RT: 18.33 min Scan# 2637
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 1370196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.8 | 8.2 | 12.4 |
| 104 | 5.8 | 4.4 | 6.6 |

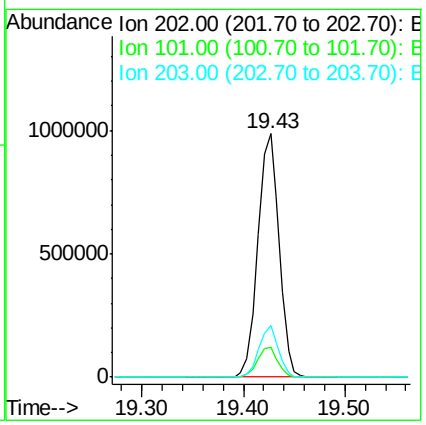


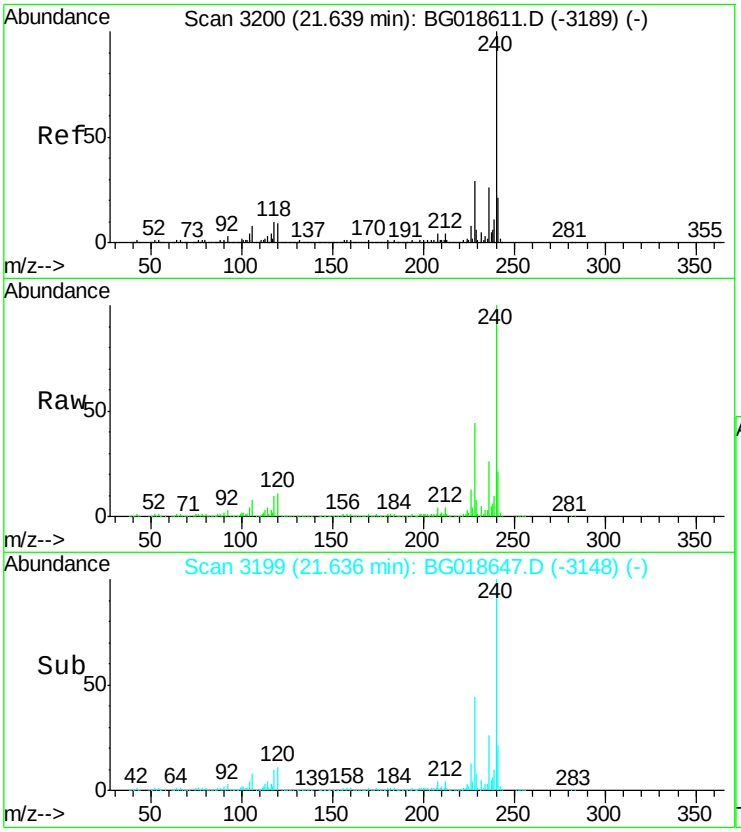




#74
Fluoranthene
Concen: 41.87 ng
RT: 19.43 min Scan# 2823
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:202 Resp: 1428334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.1 | 0.0 | 32.4 |
| 203 | 21.0 | 0.0 | 39.5 |



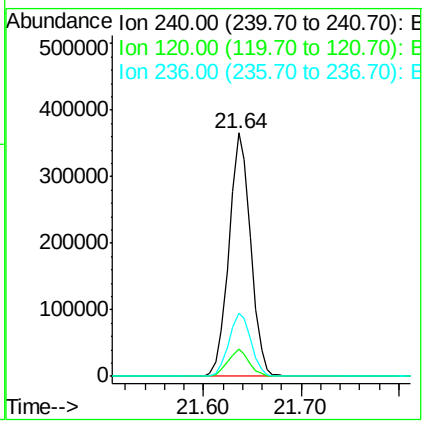


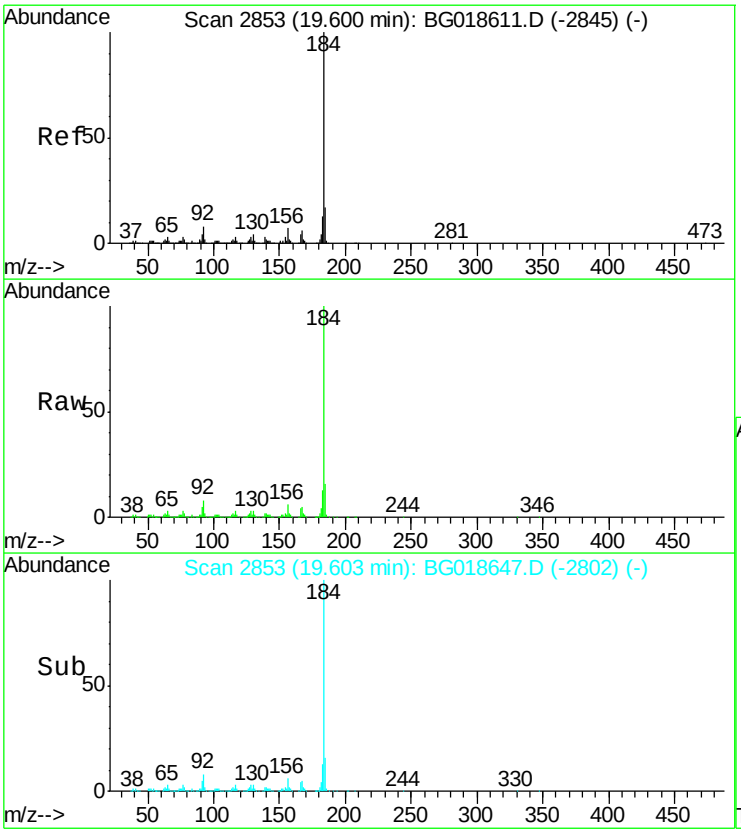

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3199
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:240 Resp: 562037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 7.4 | 11.0# |
| 236 | 26.2 | 20.7 | 31.1 |

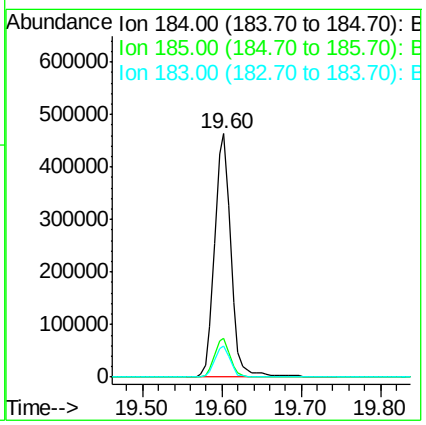


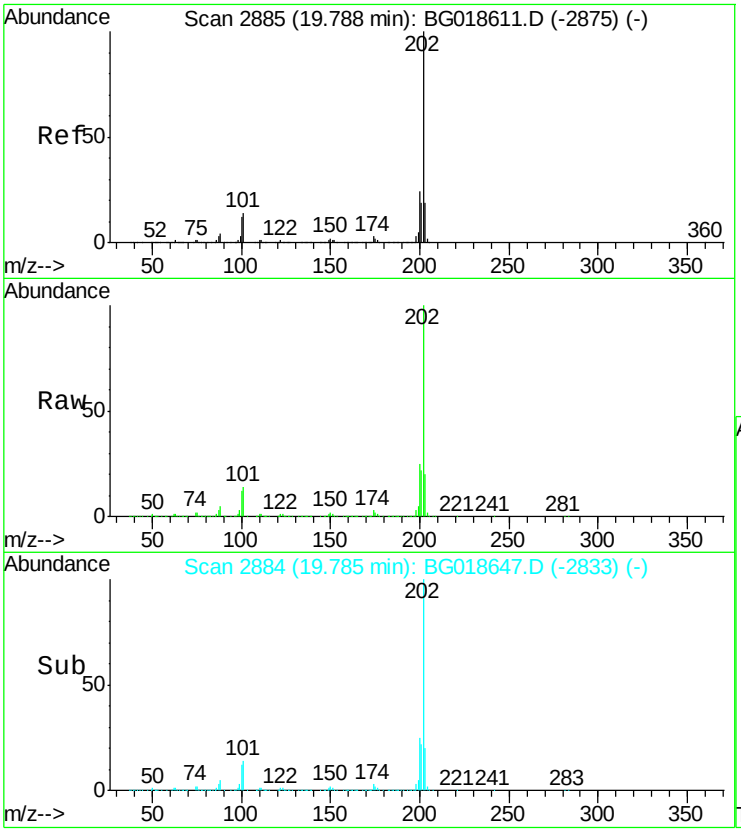




#76
Benzidine
Concen: 39.27 ng
RT: 19.60 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:184 Resp: 662802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.8 | 13.4 | 20.2 |
| 183 | 12.7 | 10.1 | 15.1 |



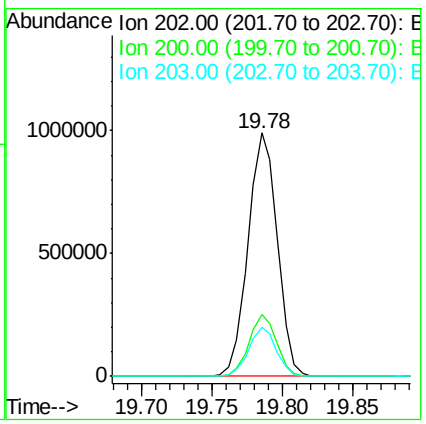


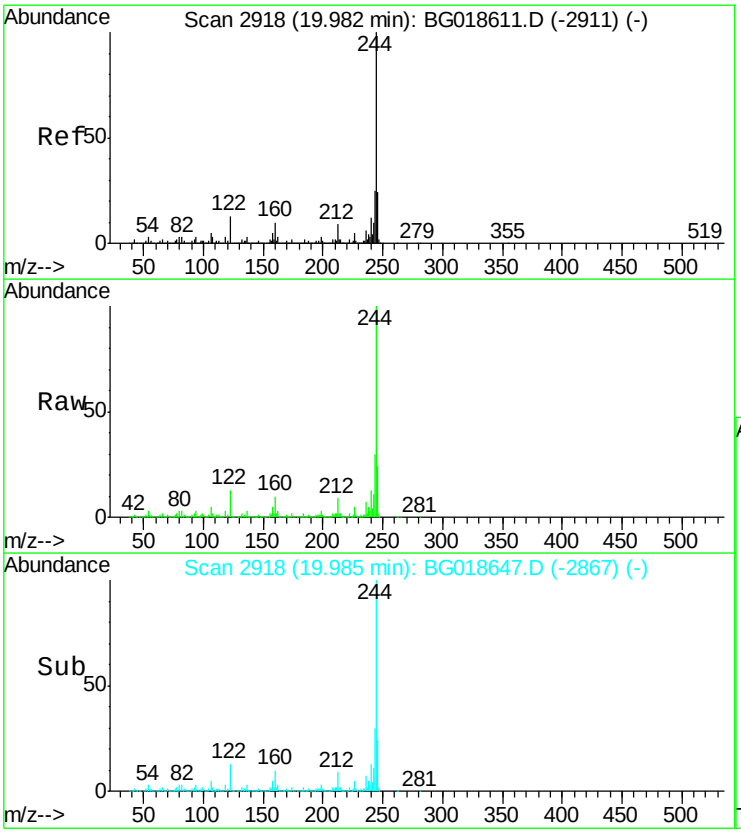

#77
Pyrene
Concen: 41.78 ng
RT: 19.78 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:202 Resp: 1442994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 25.5 | 19.4 | 29.0 |
| 203 | 20.4 | 15.5 | 23.3 |

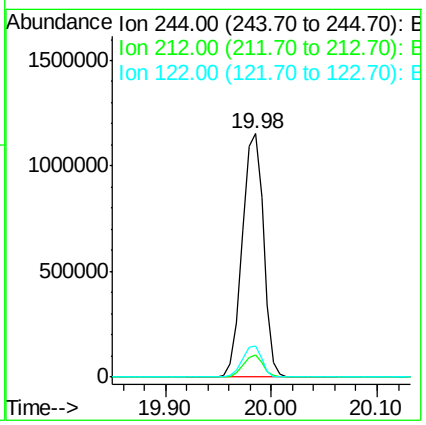


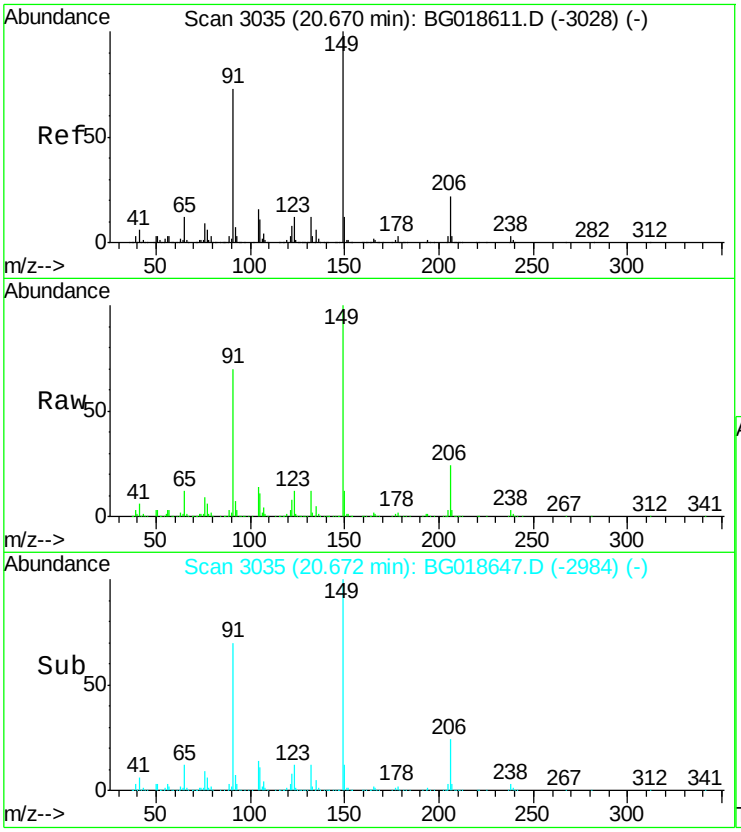




#78
Terphenyl-d14
Concen: 75.34 ng
RT: 19.98 min Scan# 2918
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:244 Resp: 1612480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.0 | 6.9 | 10.3 |
| 122 | 12.6 | 10.2 | 15.2 |



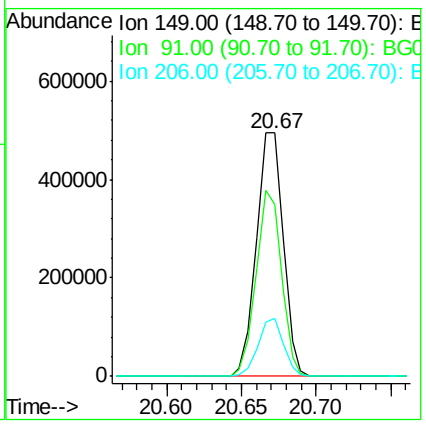


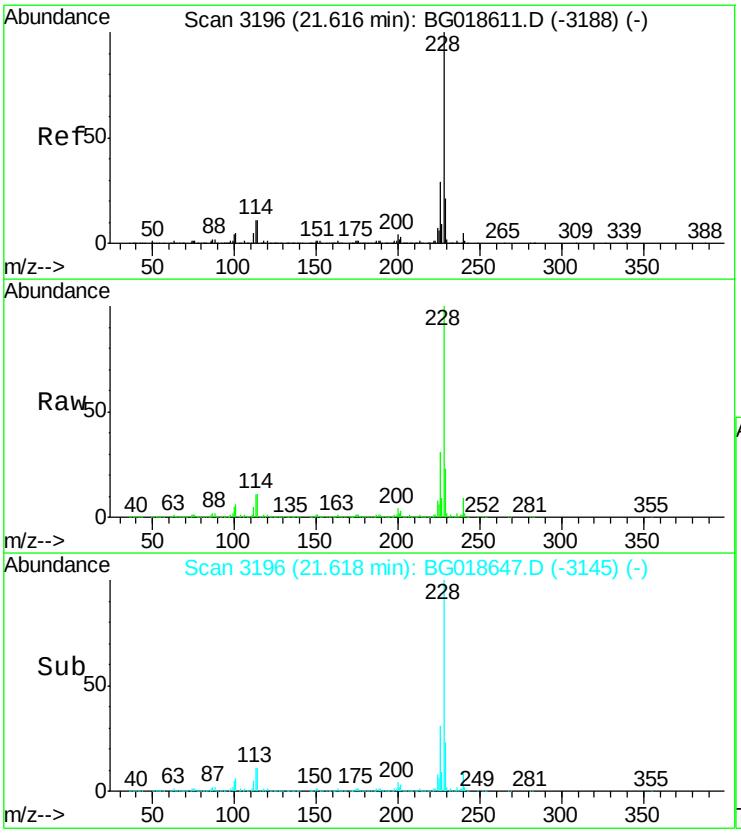

#79
Butylbenzylphthalate
Concen: 43.57 ng
RT: 20.67 min Scan# 3035
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 611832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.5 | 58.1 | 87.1 |
| 206 | 23.6 | 17.8 | 26.8 |

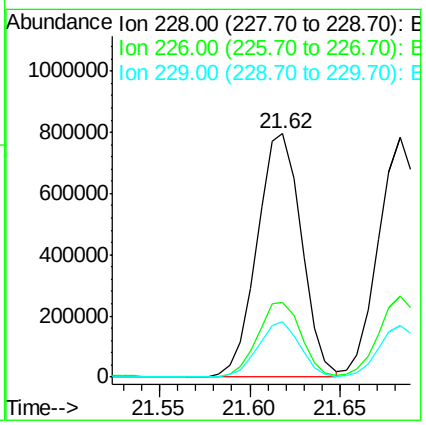


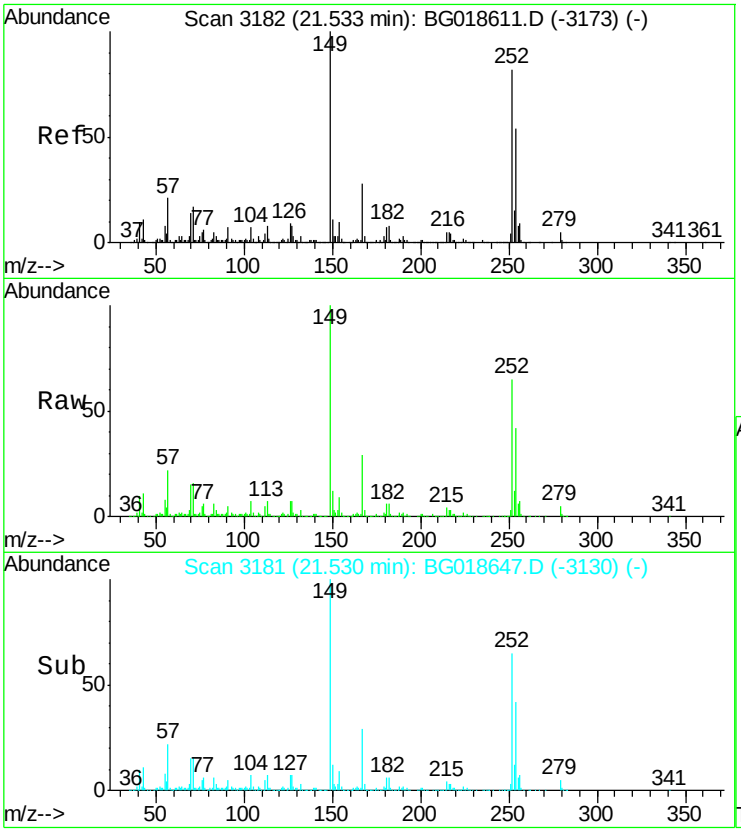




#80
Benzo(a)anthracene
Concen: 41.99 ng
RT: 21.62 min Scan# 3196
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:228 Resp: 1358610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 23.4 | 35.0 |
| 229 | 22.6 | 16.6 | 25.0 |



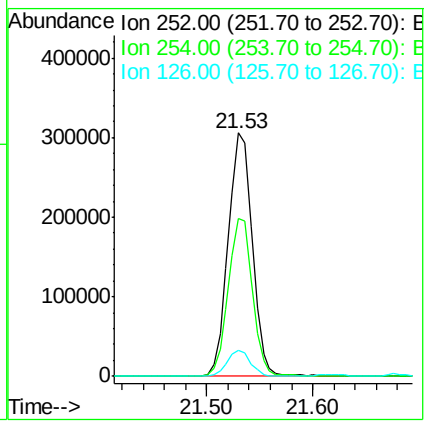


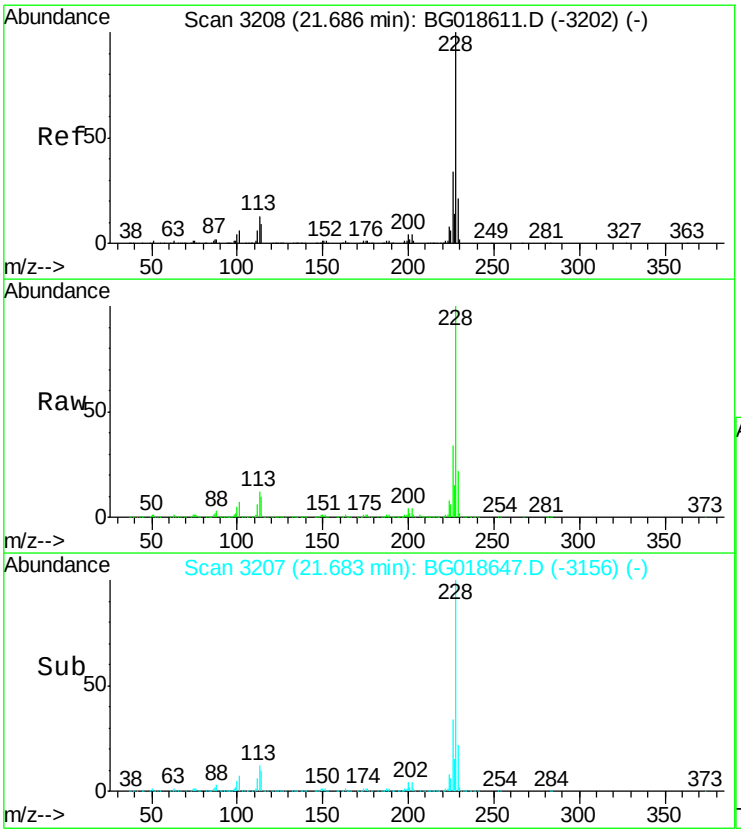

#81
3,3'-Dichlorobenzidine
Concen: 39.14 ng
RT: 21.53 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 481139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.9 | 52.5 | 78.7 |
| 126 | 10.8 | 8.5 | 12.7 |

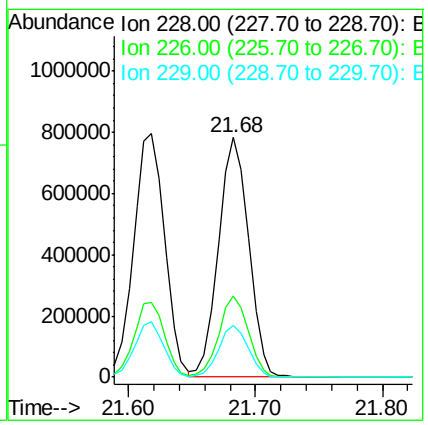


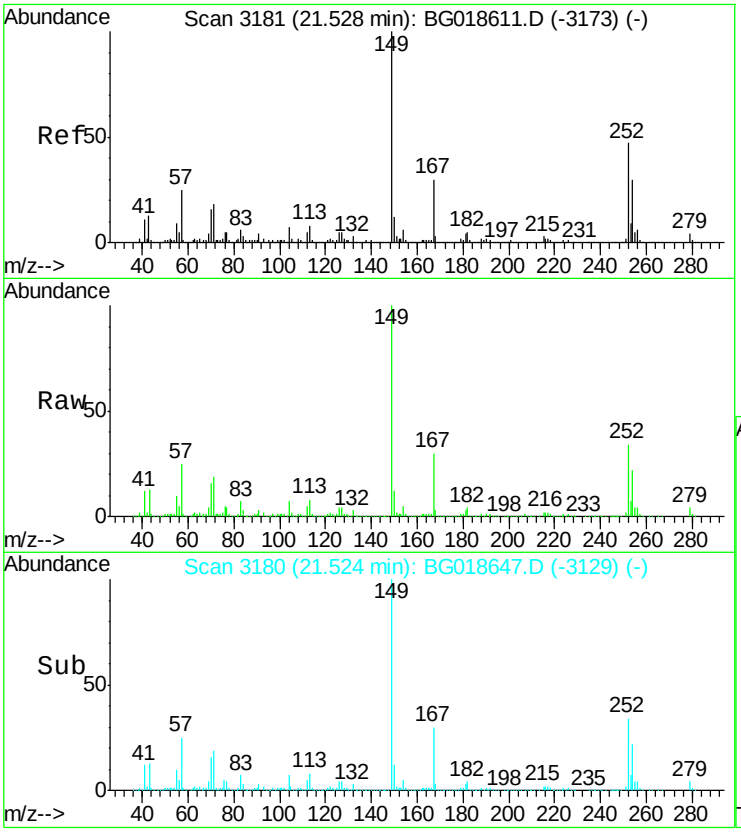




#82
Chrysene
Concen: 42.31 ng
RT: 21.68 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:228 Resp: 1289110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.9 | 26.7 | 40.1 |
| 229 | 21.6 | 17.0 | 25.6 |



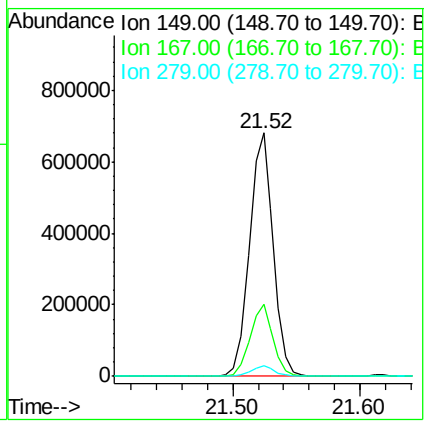


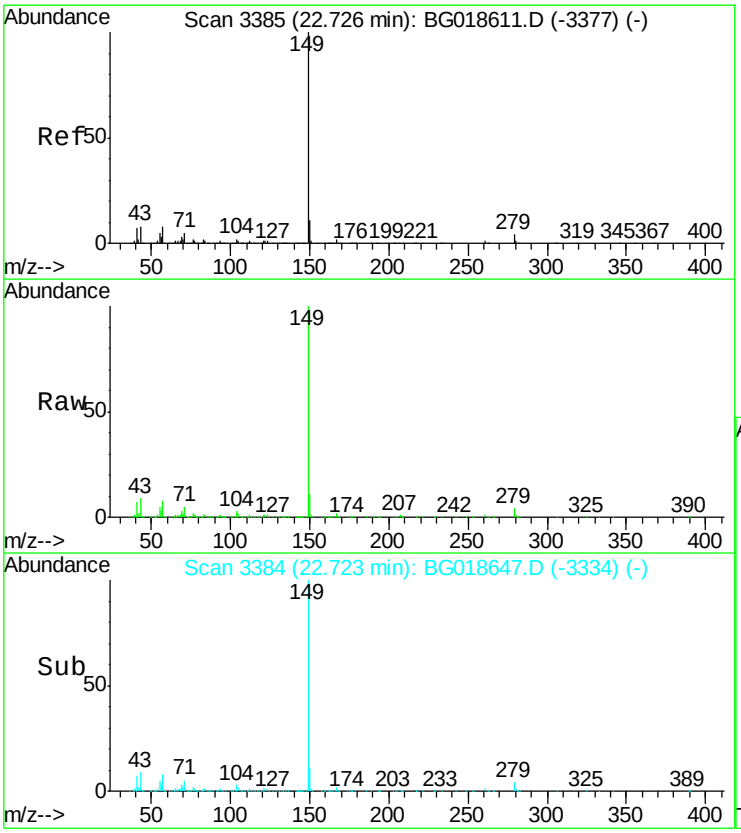

#83
Bis(2-ethylhexyl)phthalate
Concen: 43.50 ng
RT: 21.52 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:149 Resp: 881206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 29.6 | 23.8 | 35.8 |
| 279 | 4.1 | 3.4 | 5.2 |

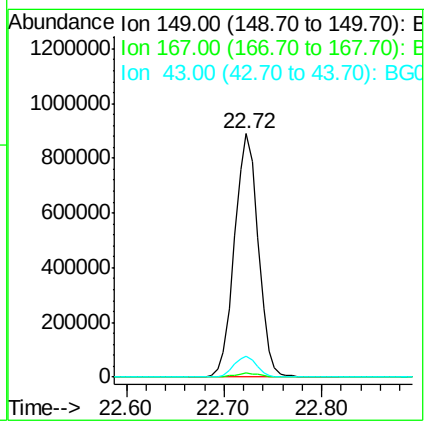


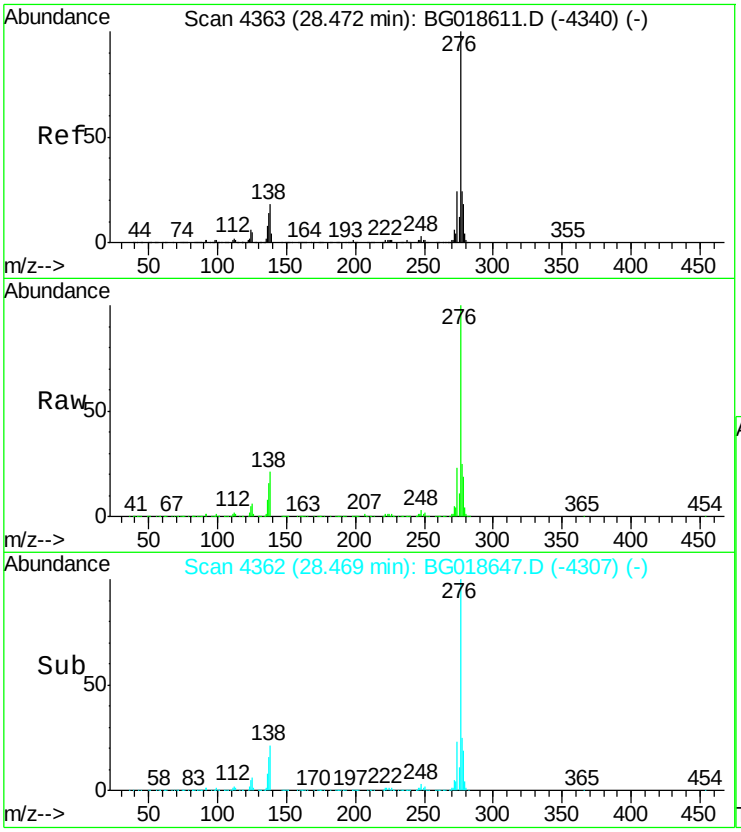




#84
Di-n-octyl phthalate
Concen: 43.76 ng
RT: 22.72 min Scan# 3384
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:149 Resp: 1499132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 8.4 | 5.9 | 8.9 |



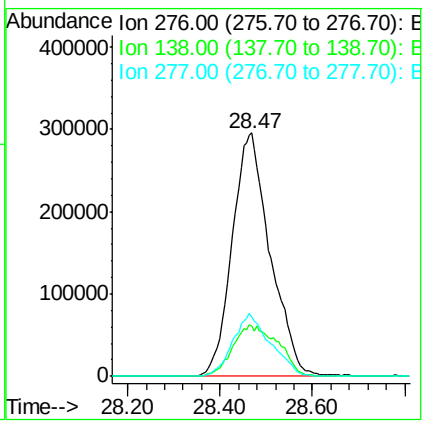


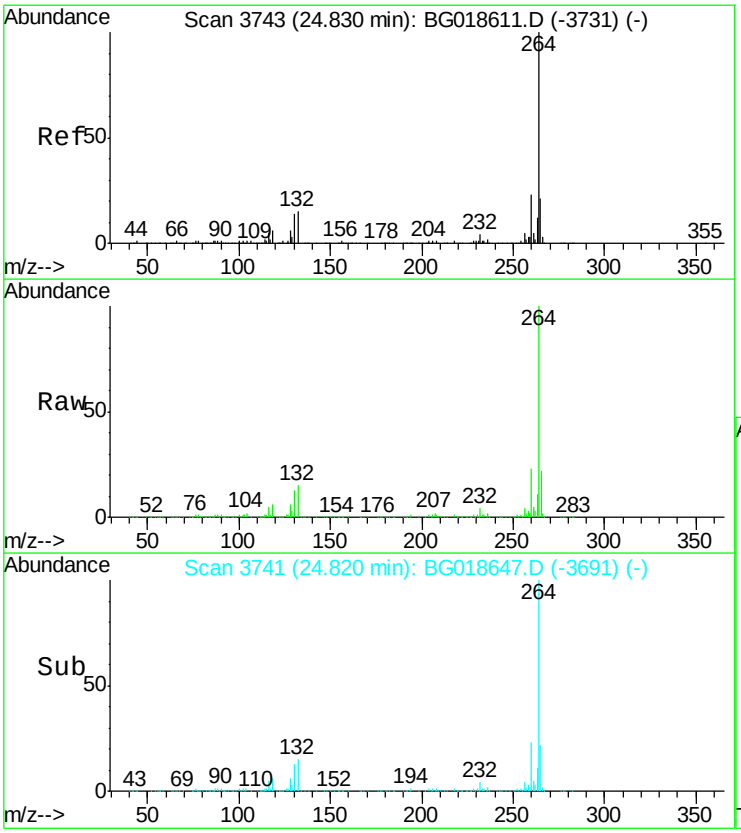

#85
Indeno(1,2,3-cd)pyrene
Concen: 43.63 ng
RT: 28.47 min Scan# 4362
Delta R.T. 0.03 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:276 Resp: 1688045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.1 | 0.0 | 0.0# |
| 277 | 25.7 | 0.0 | 0.0# |

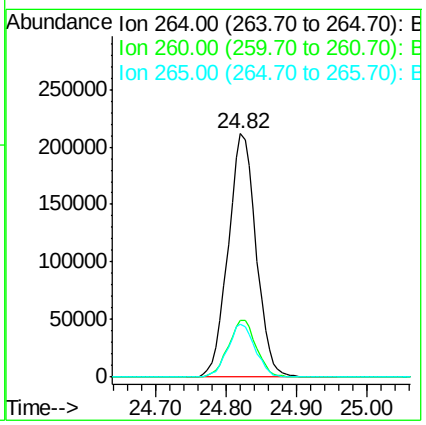


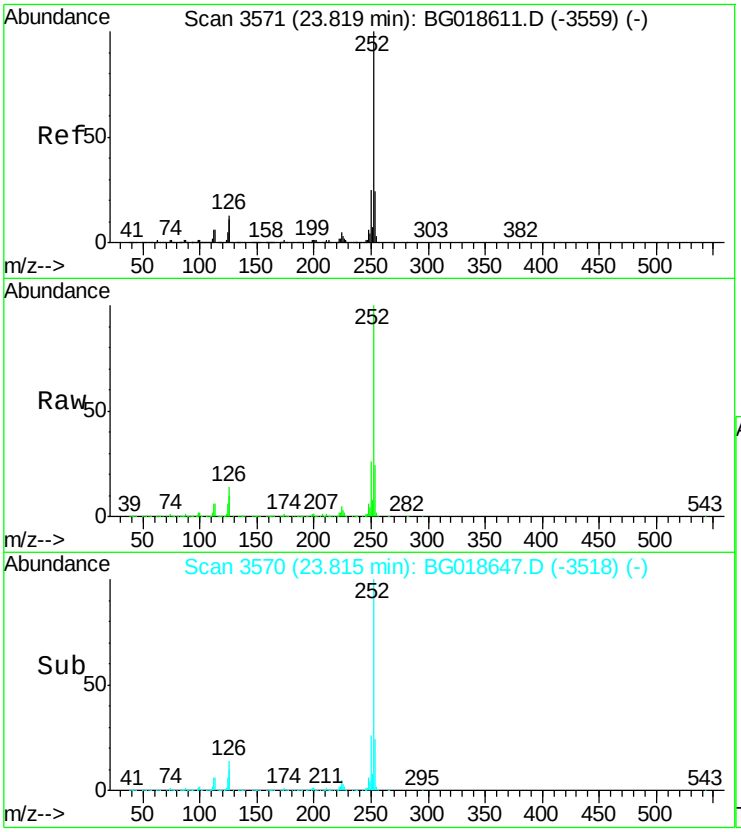




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 3741
Delta R.T. -0.00 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:264 Resp: 580723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.5 | 27.7 |
| 265 | 22.0 | 17.2 | 25.8 |



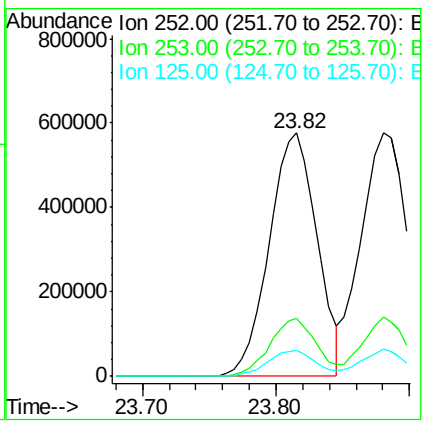


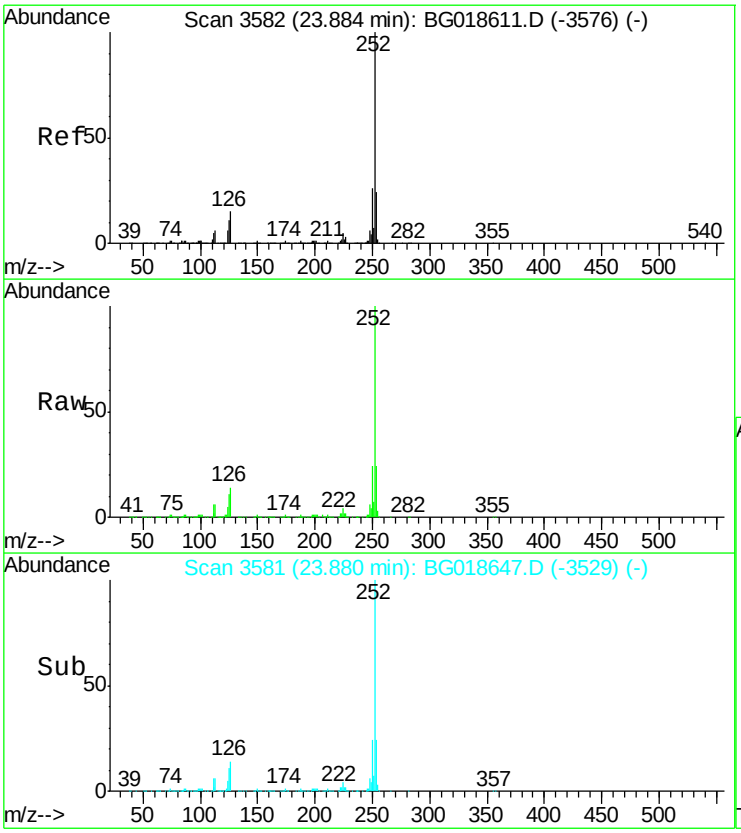

#87
Benzo(b)fluoranthene
Concen: 42.46 ng
RT: 23.82 min Scan# 3570
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 1429961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 19.1 | 28.7 |
| 125 | 10.4 | 8.9 | 13.3 |

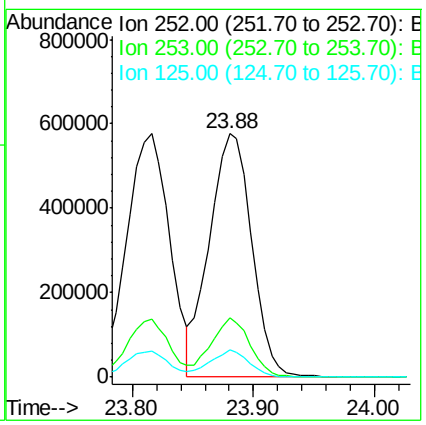


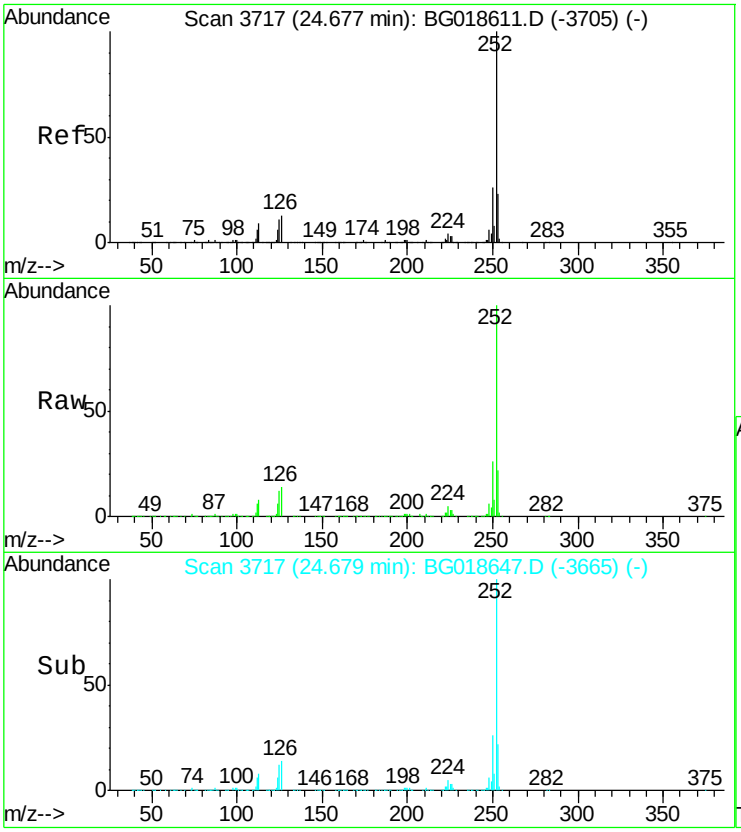




#88
Benzo(k)fluoranthene
Concen: 41.42 ng
RT: 23.88 min Scan# 3581
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:252 Resp: 1397433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.1 | 19.0 | 28.4 |
| 125 | 11.0 | 8.9 | 13.3 |



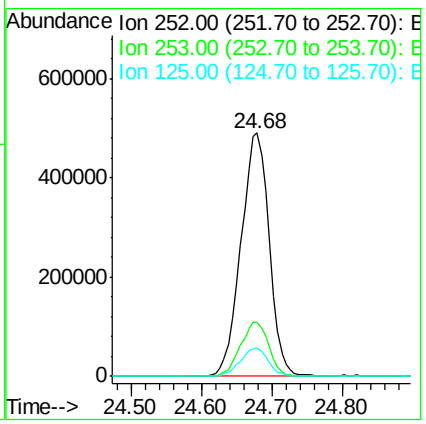


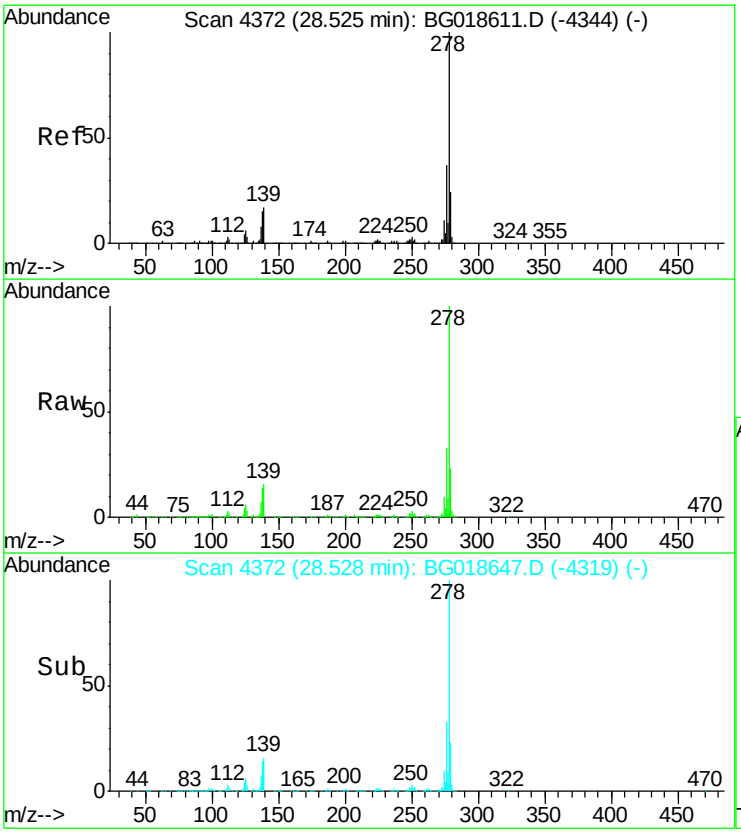

#89
Benzo(a)pyrene
Concen: 42.65 ng
RT: 24.68 min Scan# 3717
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:252 Resp: 1366565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.7 | 28.1 |
| 125 | 11.9 | 9.1 | 13.7 |

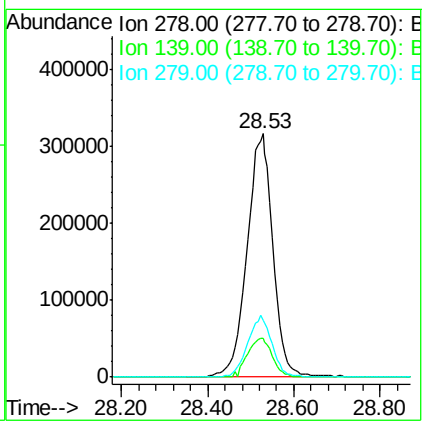


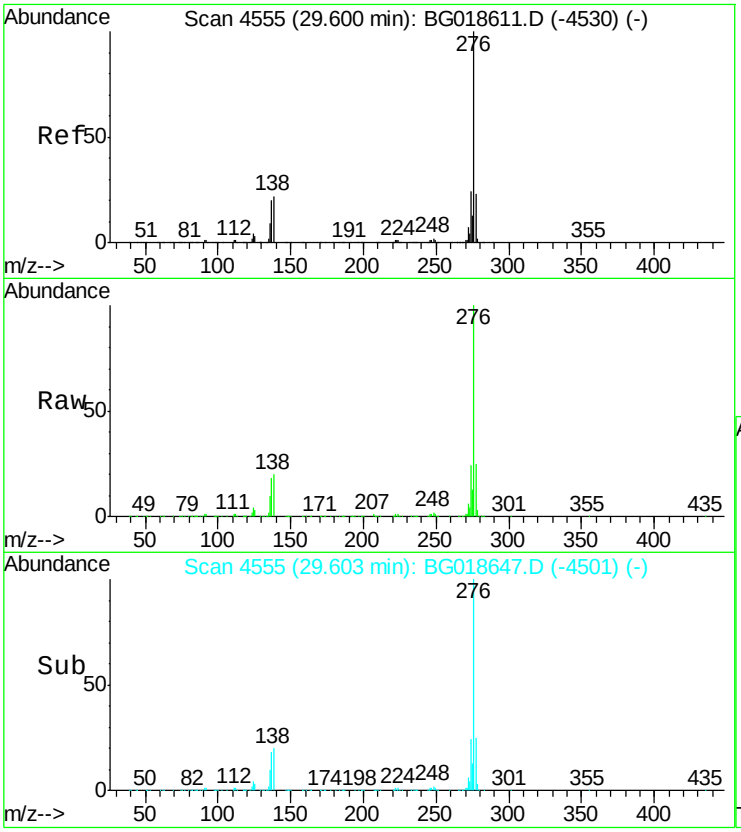




#90
Dibenzo(a,h)anthracene
Concen: 42.83 ng
RT: 28.53 min Scan# 4372
Delta R.T. 0.01 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

Tgt Ion:278 Resp: 1351408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.8 | 13.8 | 20.6 |
| 279 | 23.3 | 19.4 | 29.0 |






#91
Benzo(g,h,i)perylene
Concen: 42.42 ng
RT: 29.60 min Scan# 4555
Delta R.T. 0.02 min
Lab File: BG018647.D
Acq: 11 Sep 2015 20:05

**Instrument :**
BNA_G
**ClientSampleId :**
SSTDCCC040EC

Tgt Ion:276 Resp: 1362848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.8 | 18.4 | 27.6 |
| 138 | 20.2 | 17.4 | 26.0 |