Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019808.D
Acq On : 23 Nov 2015 12:45
Operator : UM/NP
Sample : G4346-08MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** A4J72MSD

Quant Time: Nov 23 18:10:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.11 | 152 | 15494 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.94 | 136 | 70232 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.75 | 164 | 61144 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.49 | 188 | 169557 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.76 | 240 | 220706 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.06 | 264 | 211278 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.40 | 96 | 1480 | 4.08 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.26 | 99 | 44694 | 28.16 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.42 | 67 | 25973 | 24.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.63 | 132 | 27392 | 26.91 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.82 | 113 | 37740 | 28.72 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.28 | 128 | 15174 | 26.31 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.01 | 143 | 18007 | 27.75 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.56 | 165 | 40982 | 29.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.07 | 131 | 31120 | 23.36 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.15 | 166 | 150832 | 27.28 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.45 | 160 | 162220 | 27.06 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.95 | 143 | 21268 | 24.41 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.74 | 176 | 136643 | 27.61 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.86 | 200 | 24397 | 22.27 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.59 | 188 | 216509 | 26.30 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.87 | 212 | 275007 | 27.35 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.84 | 264 | 303524 | 27.52 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.29 | 94 | 51036 | 29.78 | ng/ul | 92 |
| 10) 2-Chlorophenol | 7.67 | 128 | 28154 | 28.31 | ng/ul# | 82 |
| 15) N-Nitroso-di-n-propylamine | 8.91 | 70 | 36301 | 24.74 | ng/ul# | 98 |
| 33) 4-Chloro-3-methylphenol | 12.21 | 107 | 57683 | 30.96 | ng/ul | 98 |
| 45) Dimethylphthalate | 14.19 | 163 | 102806 | 18.75 | ng/ul | 99 |
| 50) Acenaphthene | 14.81 | 153 | 110517 | 26.98 | ng/ul | 96 |
| 53) 4-Nitrophenol | 14.96 | 109 | 27686 | 26.07 | ng/ul | 93 |
| 55) 2,4-Dinitrotoluene | 15.11 | 165 | 45441 | 26.64 | ng/ul# | 84 |
| 69) Pentachlorophenol | 17.15 | 266 | 35245 | 29.29 | ng/ul | 96 |
| 80) Pyrene | 19.90 | 202 | 339214 | 26.32 | ng/ul | 97 |

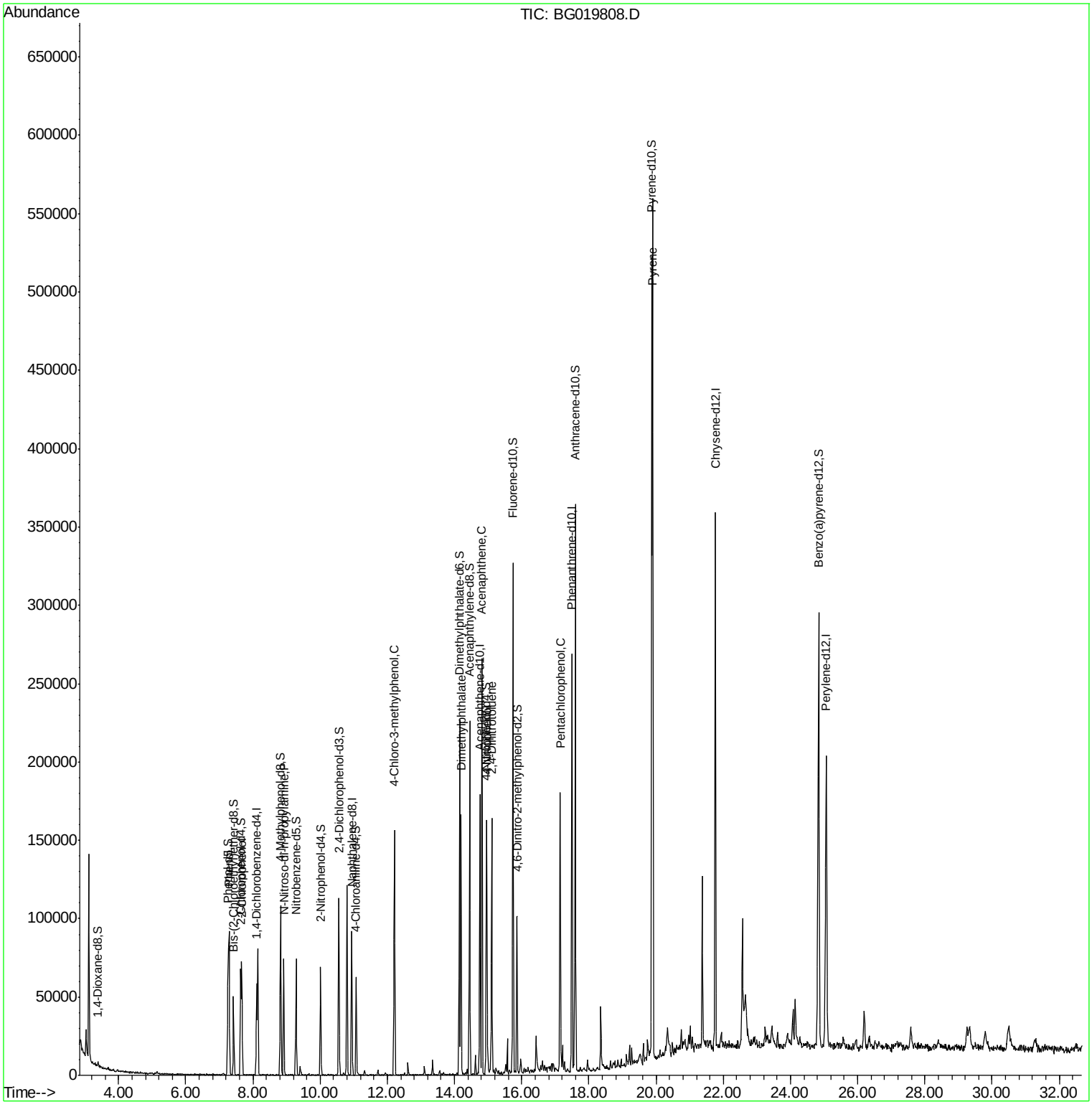
(#) = qualifier out of range (m) = manual integration (+) = signals summed

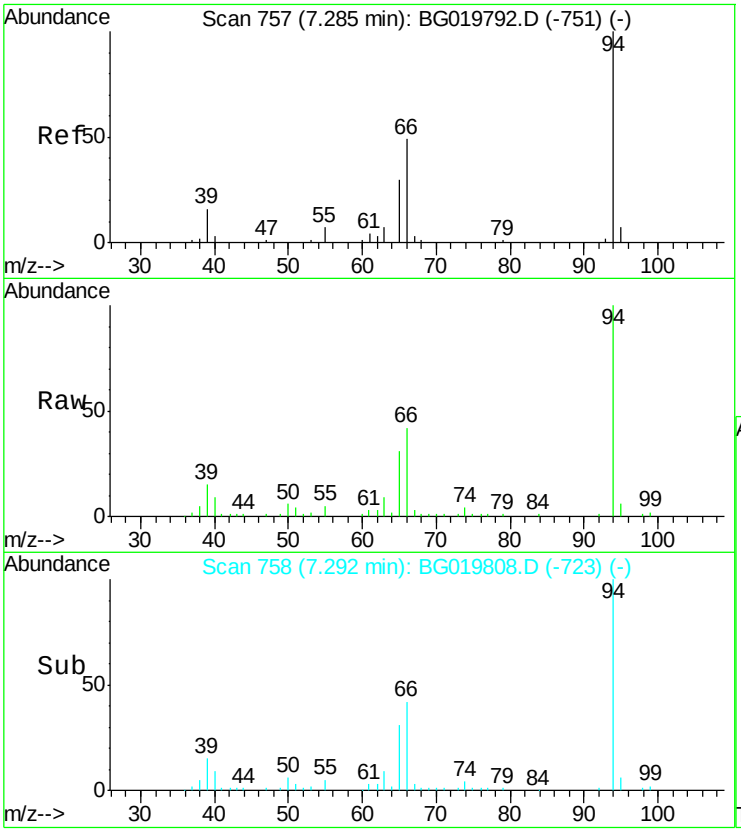
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019808.D
Acq On : 23 Nov 2015 12:45
Operator : UM/NP
Sample : G4346-08MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4J72MSD

Quant Time: Nov 23 18:10:05 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration



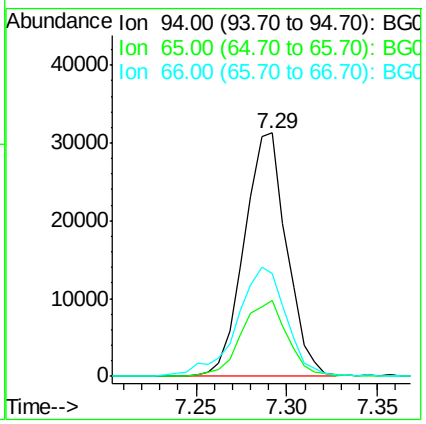


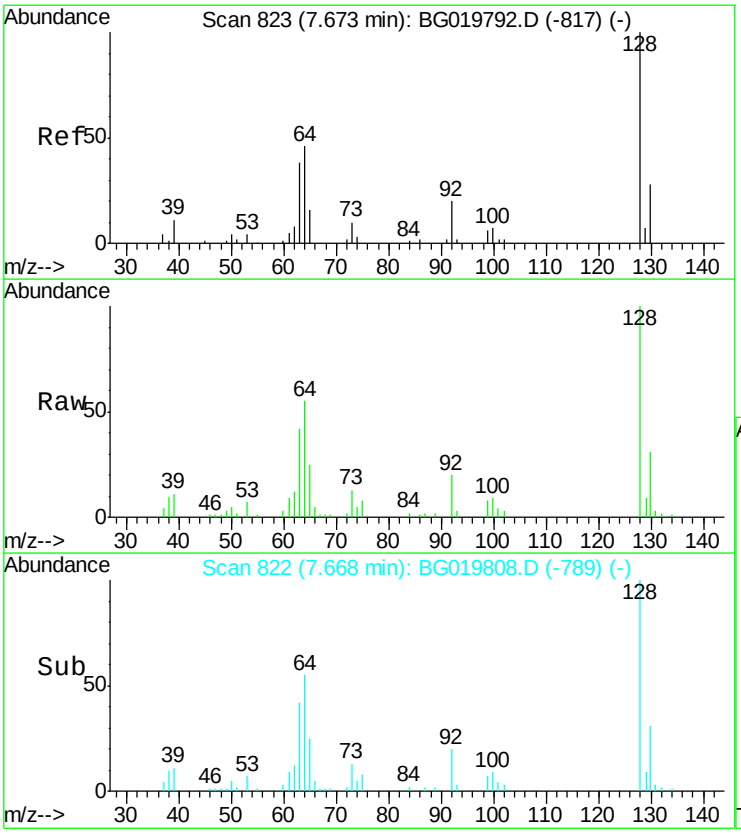

#6
Phenol
Concen: 29.78 ng/ul
RT: 7.29 min Scan# 758
Delta R.T. 0.01 min
Lab File: BG019808.D
Acq: 23 Nov 2015 12:45

**Instrument :**
BNA_G
**ClientSampleId :**
A4J72MSD

Tgt Ion: 94 Resp: 51036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.3 | 27.4 | 41.0 |
| 66 | 42.2 | 39.0 | 58.6 |

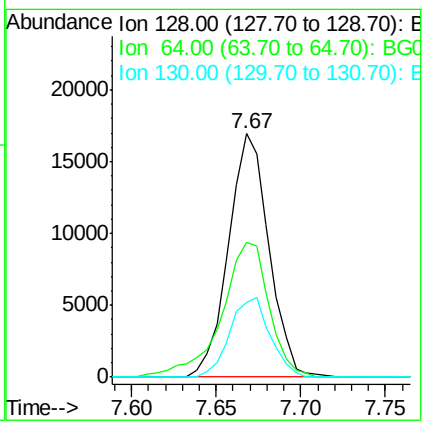


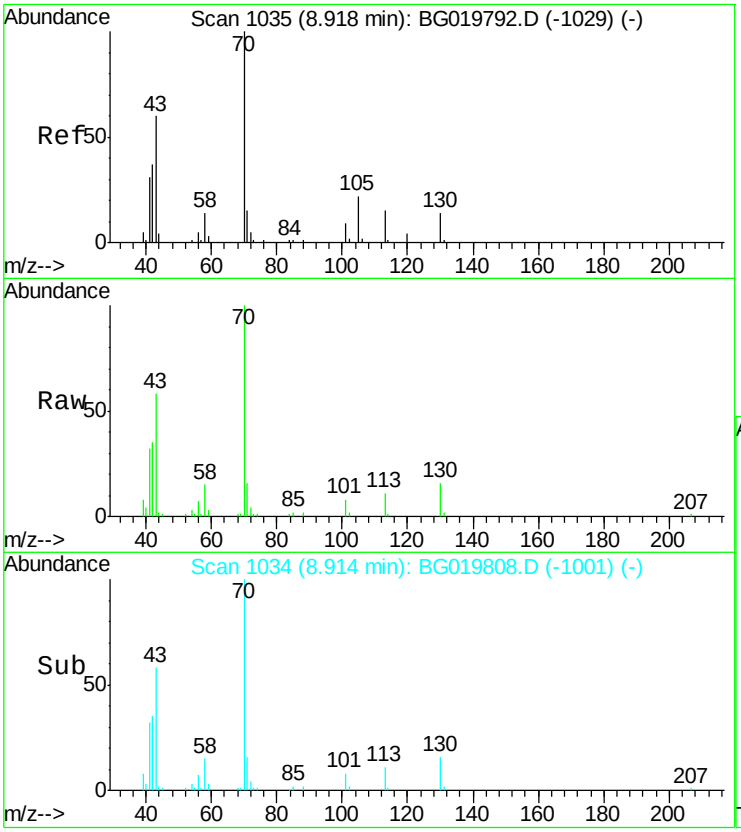




#10
2-Chlorophenol
Concen: 28.31 ng/ul
RT: 7.67 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG019808.D
Acq: 23 Nov 2015 12:45

Tgt Ion:128 Resp: 28154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 64 | 55.3 | 59.4 | 89.0# |
| 130 | 30.7 | 28.9 | 43.3 |



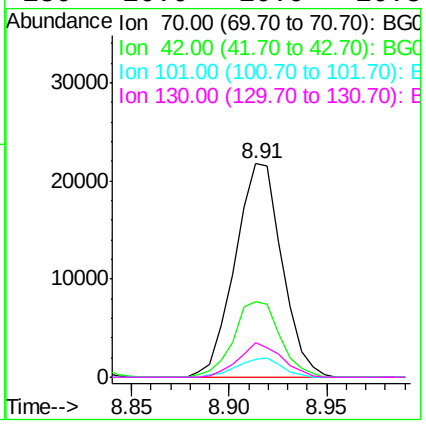


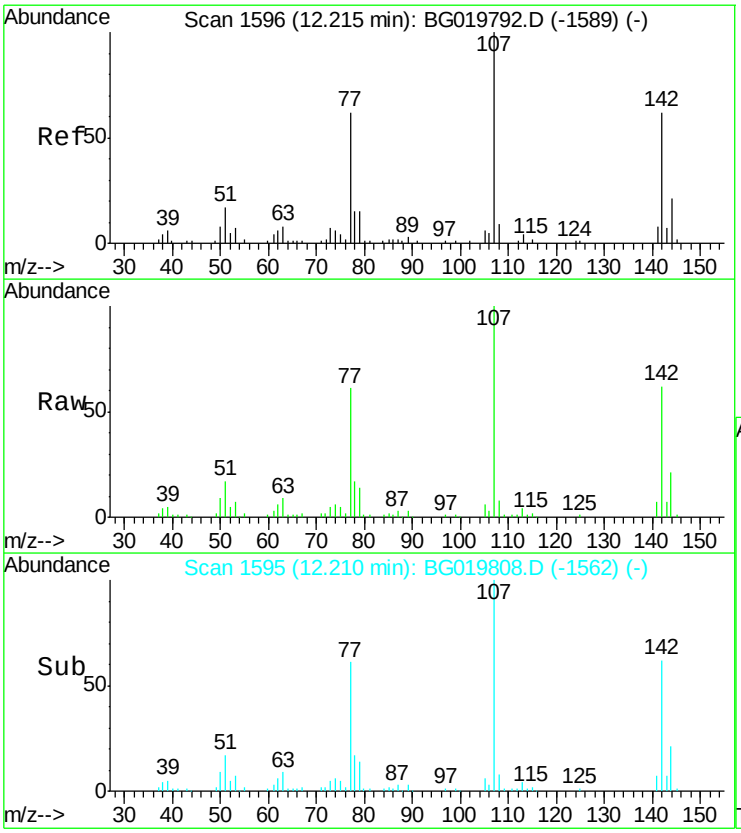

#15
N-Nitroso-di-n-propylamine
Concen: 24.74 ng/ul
RT: 8.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG019808.D
Acq: 23 Nov 2015 12:45

**Instrument :**
BNA_G
**ClientSampleId :**
A4J72MSD

Tgt Ion: 70 Resp: 36301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 35.5 | 28.4 | 42.6 |
| 101 | 8.3 | 5.3 | 7.9# |
| 130 | 16.0 | 10.9 | 16.3 |

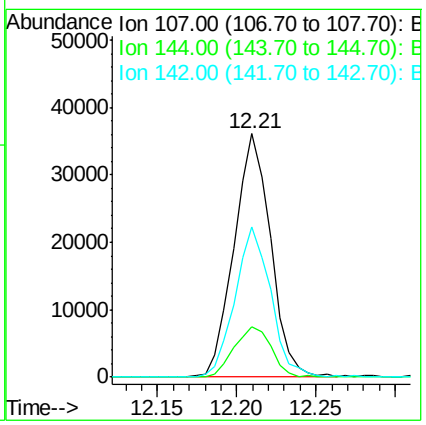


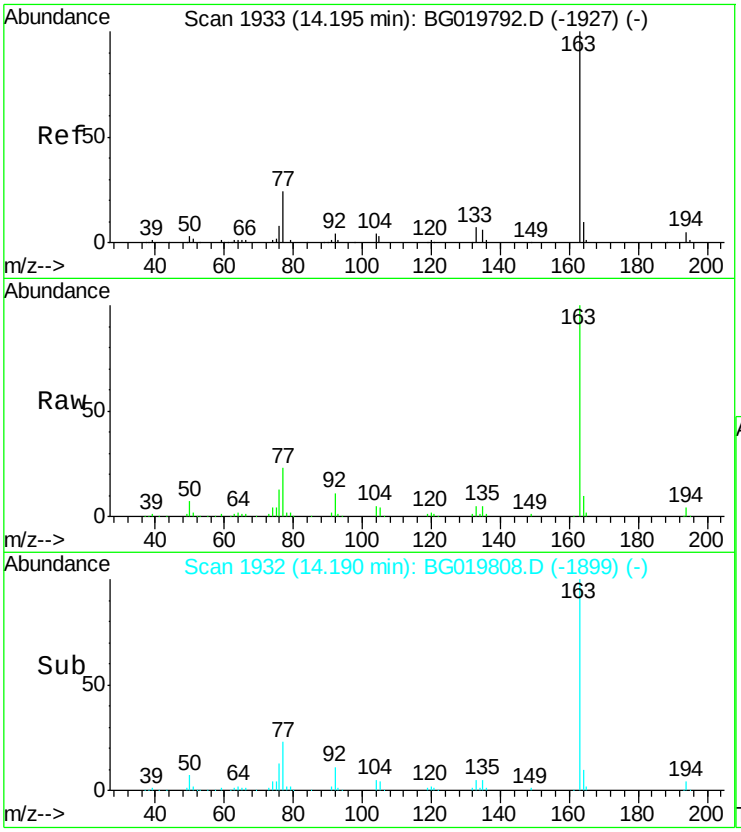




#33
4-Chloro-3-methylphenol
Concen: 30.96 ng/ul
RT: 12.21 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG019808.D
Acq: 23 Nov 2015 12:45

Tgt Ion:107 Resp: 57683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 20.7 | 18.2 | 27.2 |
| 142 | 61.6 | 50.1 | 75.1 |



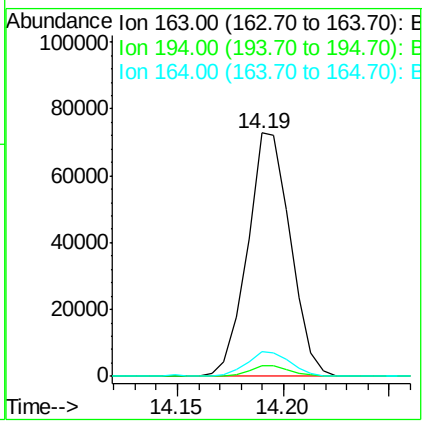


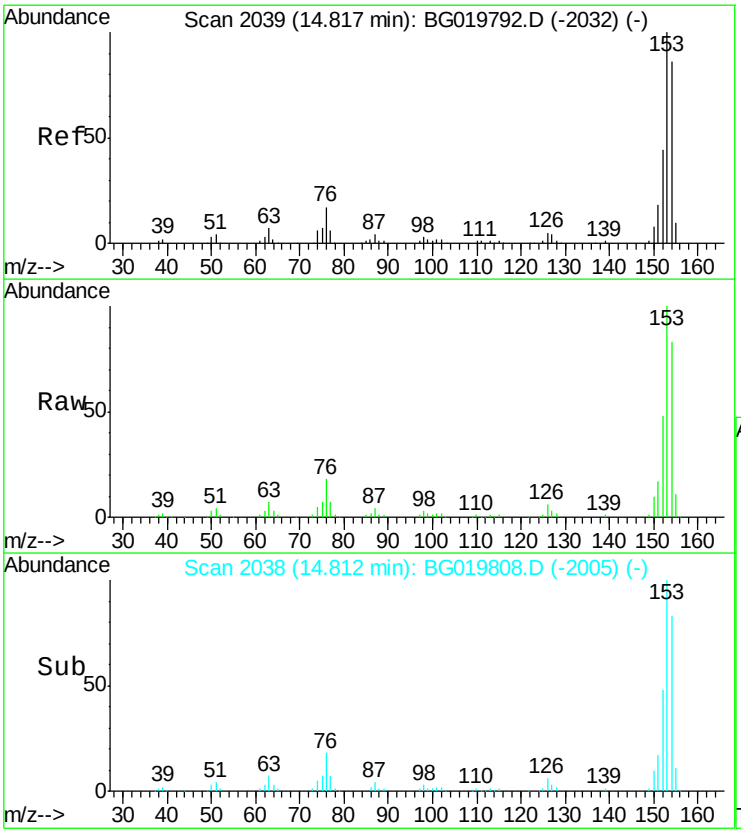

#45
Dimethylphthalate
Concen: 18.75 ng/ul
RT: 14.19 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG019808.D
Acq: 23 Nov 2015 12:45

**Instrument :**
BNA_G
**ClientSampleId :**
A4J72MSD

Tgt Ion:163 Resp: 102806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.5 | 5.3 |
| 164 | 10.0 | 8.3 | 12.5 |

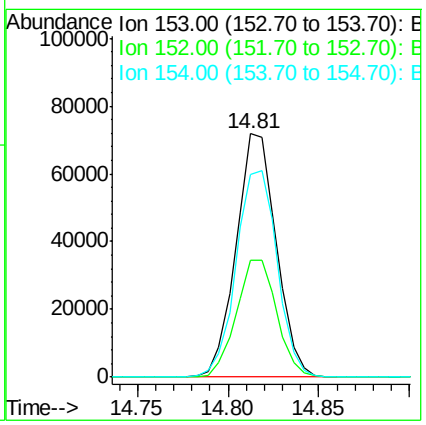


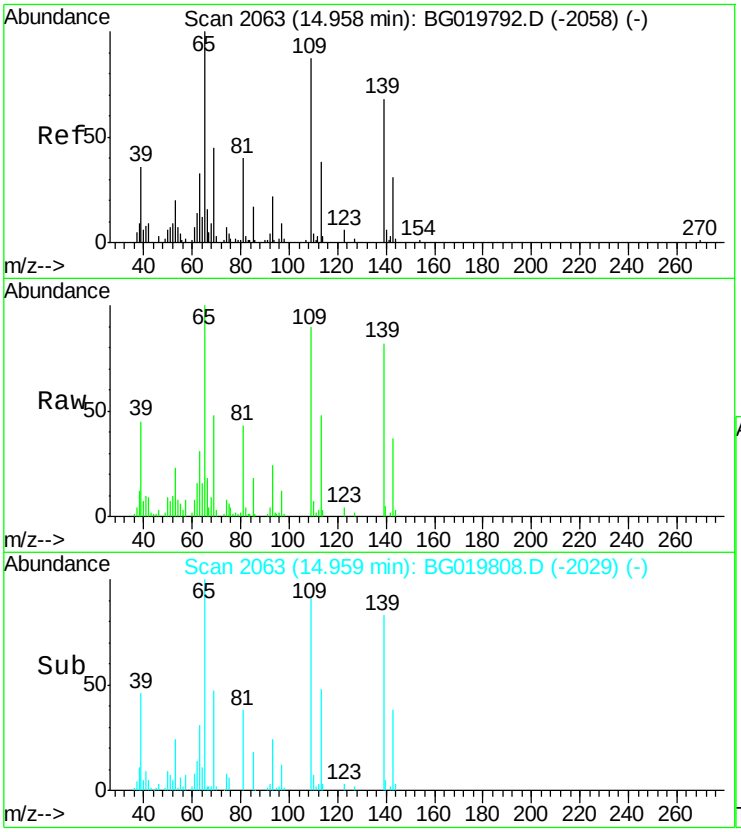




#50
Acenaphthene
Concen: 26.98 ng/ul
RT: 14.81 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG019808.D
Acq: 23 Nov 2015 12:45

Tgt Ion:153 Resp: 110517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 48.2 | 40.9 | 61.3 |
| 154 | 83.4 | 69.1 | 103.7 |



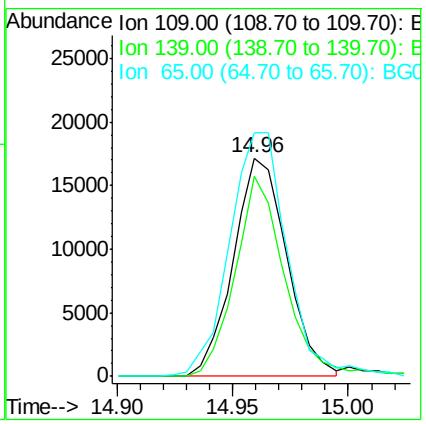


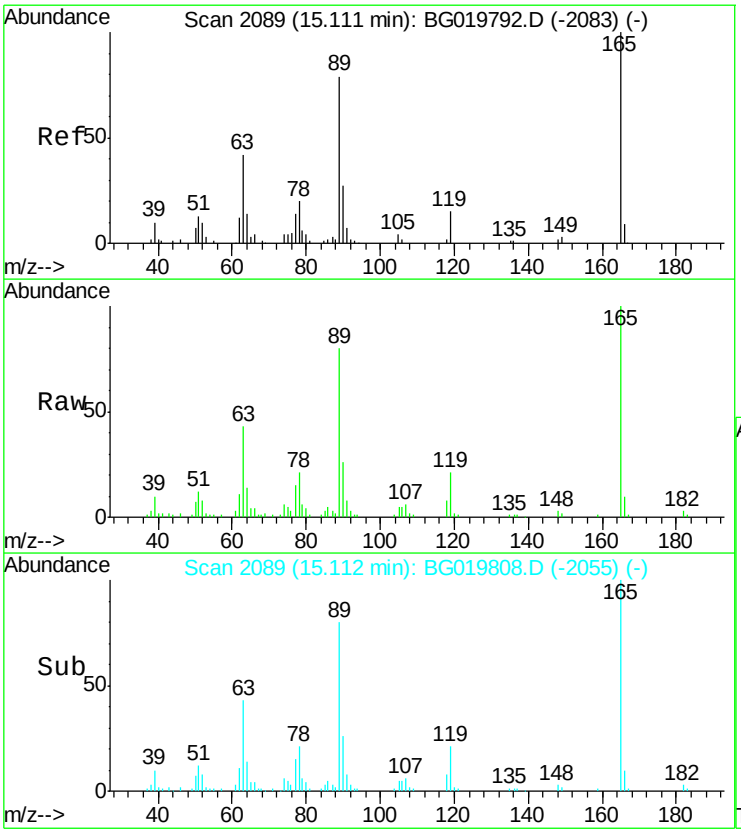

#53
4-Nitrophenol
Concen: 26.07 ng/ul
RT: 14.96 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG019808.D
Acq: 23 Nov 2015 12:45

**Instrument :**
BNA_G
**ClientSampleId :**
A4J72MSD

Tgt Ion:109 Resp: 27686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 91.4 | 67.8 | 101.6 |
| 65 | 111.3 | 94.5 | 141.7 |

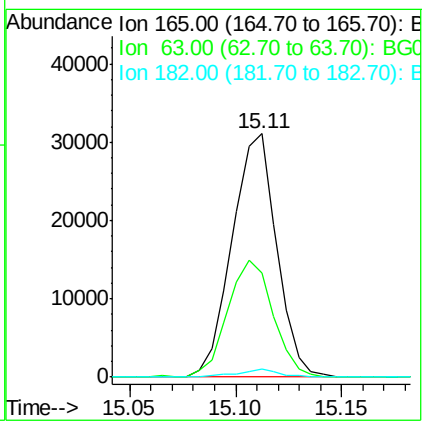


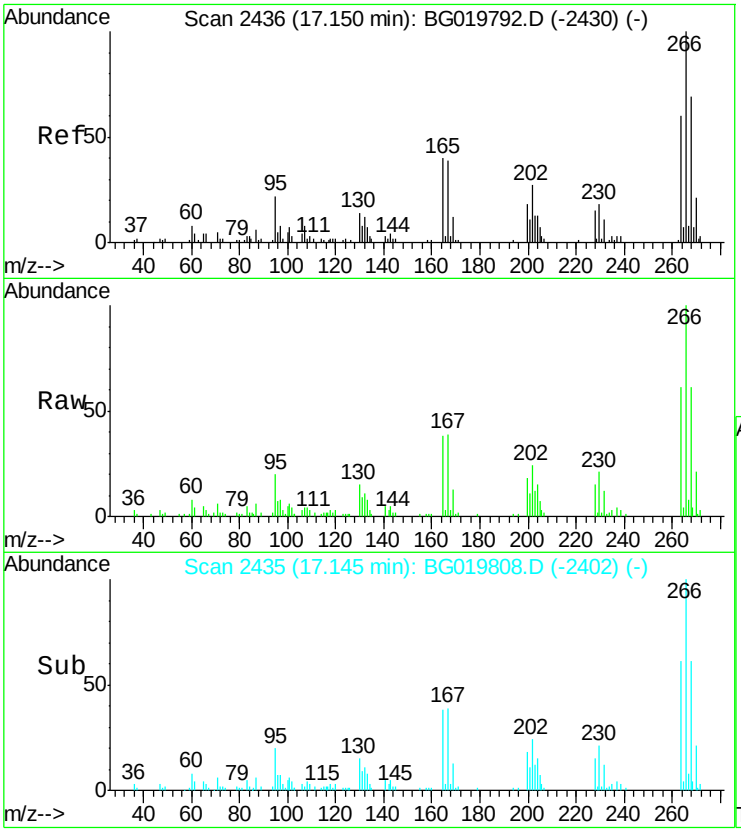




#55
2,4-Dinitrotoluene
Concen: 26.64 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG019808.D
Acq: 23 Nov 2015 12:45

Tgt Ion:165 Resp: 45441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.6 | 44.2 | 66.2# |
| 182 | 3.2 | 2.6 | 3.8 |



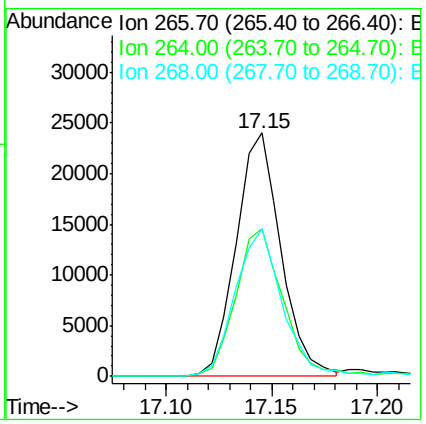


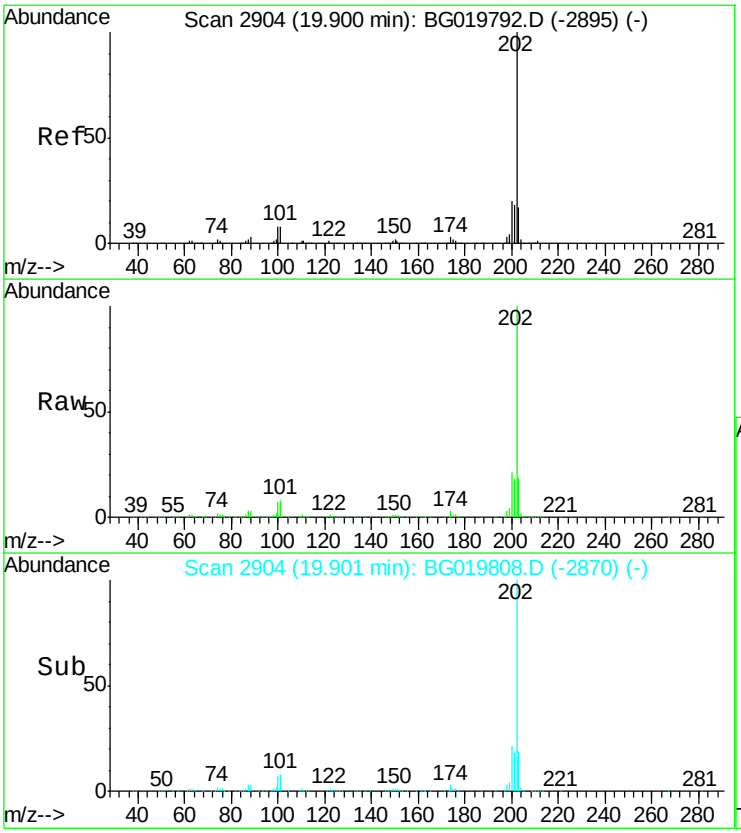

#69
Pentachlorophenol
Concen: 29.29 ng/ul
RT: 17.15 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG019808.D
Acq: 23 Nov 2015 12:45

**Instrument :**
BNA_G
**ClientSampleId :**
A4J72MSD

Tgt Ion:266 Resp: 35245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 65.3 | 51.8 | 77.8 |
| 268 | 64.8 | 46.8 | 70.2 |




#80
Pyrene
Concen: 26.32 ng/ul
RT: 19.90 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BG019808.D
Acq: 23 Nov 2015 12:45

Tgt Ion:202 Resp: 339214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.9 | 7.0 | 10.6 |
| 100 | 6.8 | 6.6 | 10.0 |