Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018853.D
Acq On : 23 Sep 2015 16:26
Operator : UM/NP
Sample : G3759-10MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JHAD3MS

Quant Time: Sep 24 04:12:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 04:11:41 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.00 | 152 | 73510 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.80 | 136 | 326098 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.63 | 164 | 213293 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.37 | 188 | 524711 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.63 | 240 | 557055 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 24.82 | 264 | 561515 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.44 | 96 | 5377 | 3.52 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.16 | 99 | 126179 | 20.90 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.32 | 67 | 73910 | 21.13 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.53 | 132 | 99397 | 21.74 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.70 | 113 | 102451 | 20.92 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.16 | 128 | 52892 | 21.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.88 | 143 | 58164 | 23.41 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.50 | 165 | 563 | 0.11 | ng/ul | 0.07 |
| 29) 4-Chloroaniline-d4 | 10.93 | 131 | 139399 | 22.90 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.03 | 166 | 353134 | 20.57 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.32 | 160 | 428644 | 21.07 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.83 | 143 | 54833 | 16.64 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.62 | 176 | 302380 | 20.15 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 25549 | 10.29 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.47 | 188 | 479230 | 20.75 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.76 | 212 | 474163 | 18.50 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.60 | 264 | 382633 | 14.00 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.19 | 94 | 135698 | 21.73 | ng/ul | 89 |
| 10) 2-Chlorophenol | 7.56 | 128 | 101378 | 21.42 | ng/ul | 90 |
| 15) N-Nitroso-di-n-propylamine | 8.80 | 70 | 79562 | 20.68 | ng/ul# | 81 |
| 33) 4-Chloro-3-methylphenol | 12.08 | 107 | 115855 | 20.76 | ng/ul | 96 |
| 45) Dimethylphthalate | 14.07 | 163 | 176378 | 10.60 | ng/ul | 98 |
| 50) Acenaphthene | 14.69 | 153 | 301100 | 20.65 | ng/ul | 97 |
| 53) 4-Nitrophenol | 14.84 | 109 | 41327 | 18.30 | ng/ul | 91 |
| 55) 2,4-Dinitrotoluene | 14.98 | 165 | 105810 | 21.24 | ng/ul# | 81 |
| 69) Pentachlorophenol | 17.02 | 266 | 55432 | 16.68 | ng/ul | 95 |
| 80) Pyrene | 19.78 | 202 | 625723 | 19.10 | ng/ul | 99 |

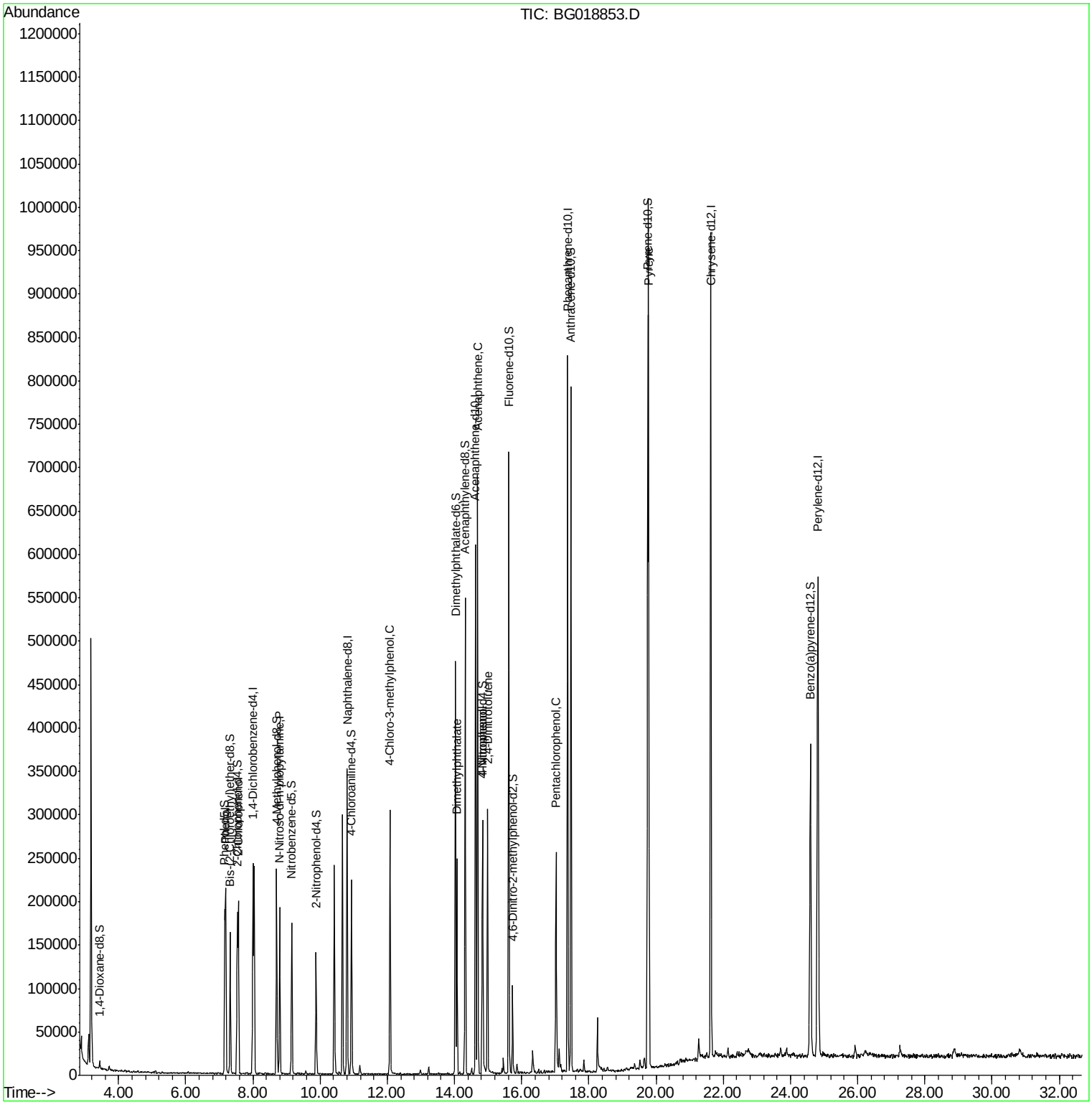
(#) = qualifier out of range (m) = manual integration (+) = signals summed

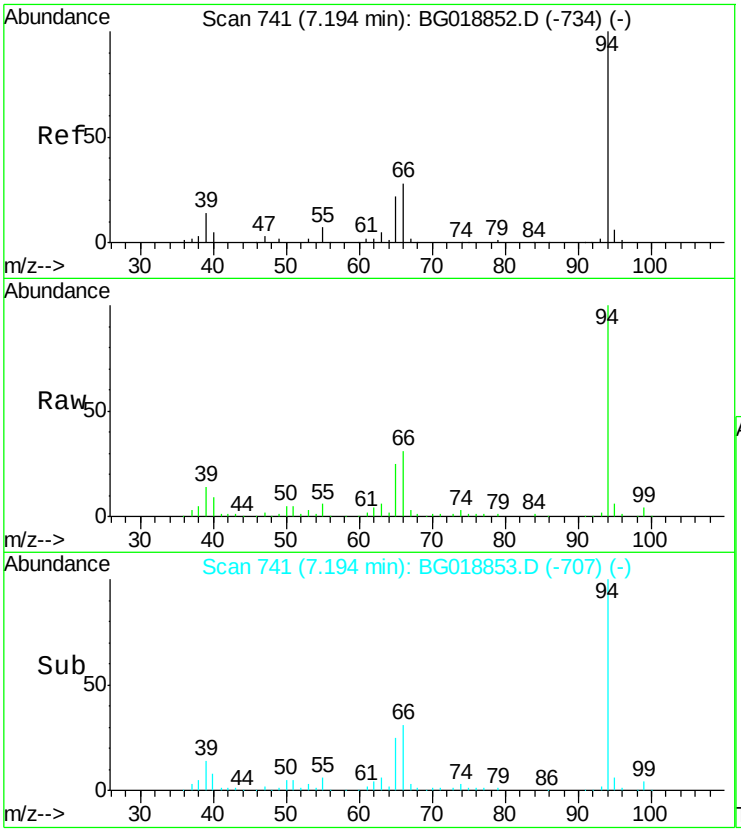
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092315\
Data File : BG018853.D
Acq On : 23 Sep 2015 16:26
Operator : UM/NP
Sample : G3759-10MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JHAD3MS

Quant Time: Sep 24 04:12:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 04:11:41 2015
Response via : Initial Calibration



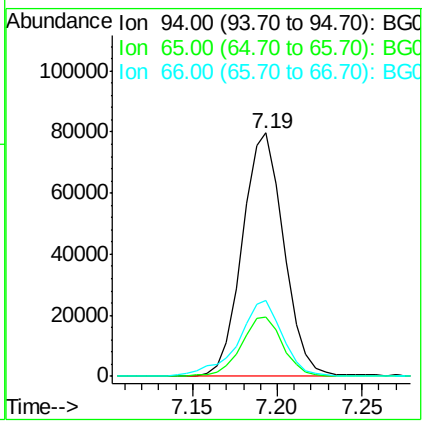


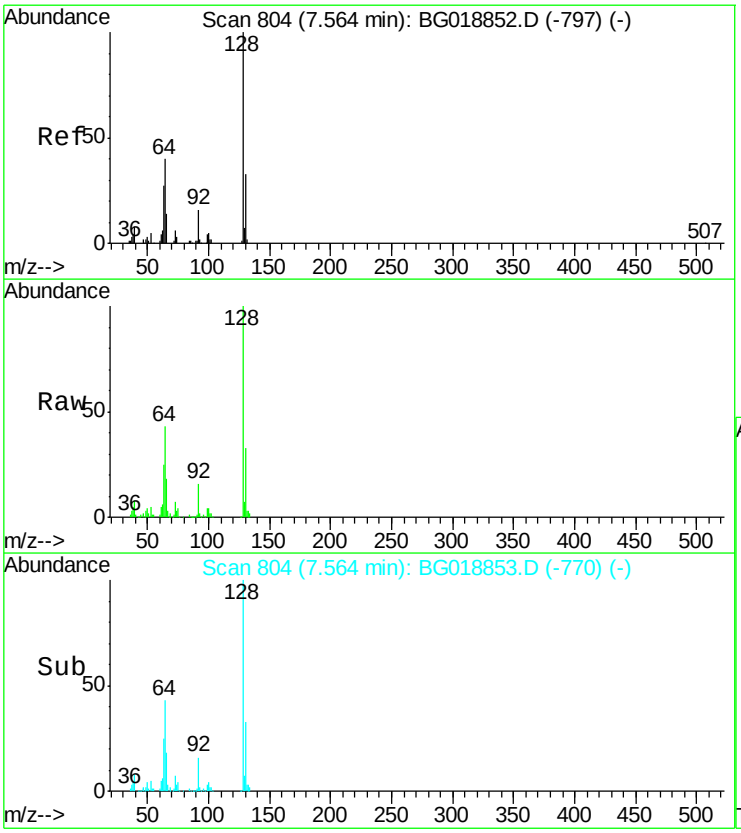

#6
Phenol
Concen: 21.73 ng/ul
RT: 7.19 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG018853.D
Acq: 23 Sep 2015 16:26

**Instrument :**
BNA_G
**ClientSampleId :**
JHAD3MS

Tgt Ion: 94 Resp: 135698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.6 | 23.0 | 34.6 |
| 66 | 31.1 | 31.0 | 46.4 |

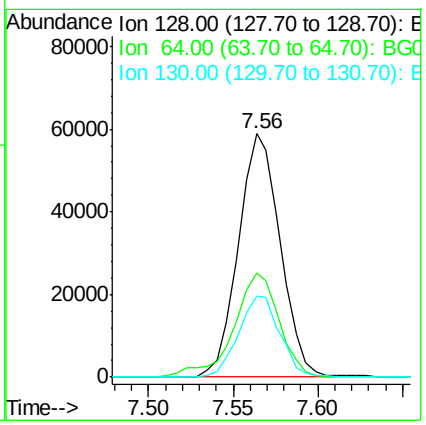


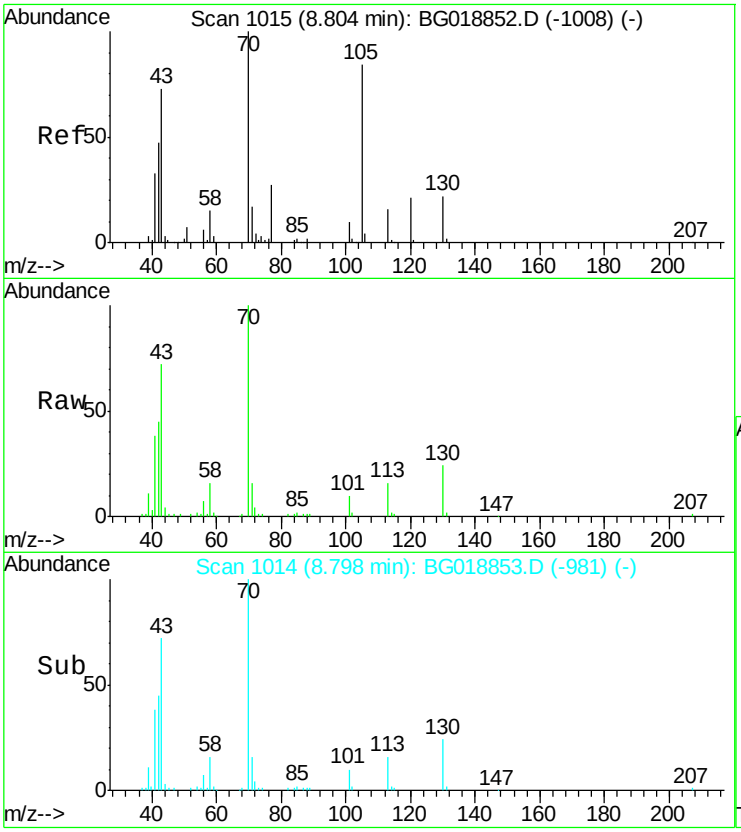




#10
2-Chlorophenol
Concen: 21.42 ng/ul
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG018853.D
Acq: 23 Sep 2015 16:26

Tgt Ion:128 Resp: 101378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 64 | 42.6 | 40.9 | 61.3 |
| 130 | 33.4 | 24.5 | 36.7 |



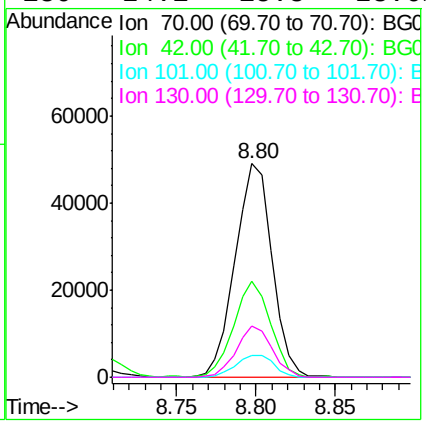


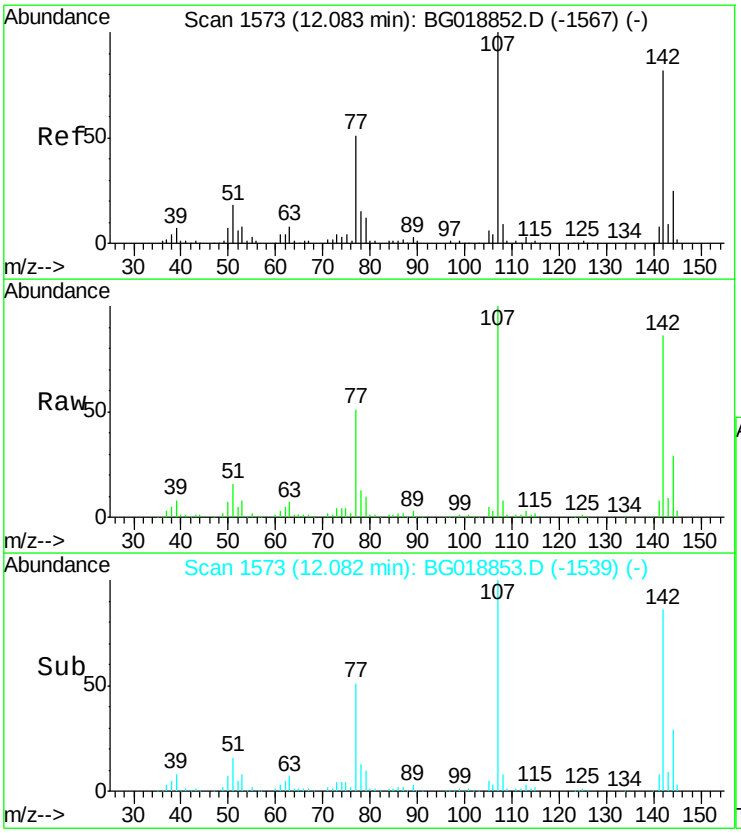

#15
N-Nitroso-di-n-propylamine
Concen: 20.68 ng/ul
RT: 8.80 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG018853.D
Acq: 23 Sep 2015 16:26

**Instrument :**
BNA_G
**ClientSampleId :**
JHAD3MS

Tgt Ion: 70 Resp: 79562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 44.9 | 50.7 | 76.1# |
| 101 | 10.1 | 7.4 | 11.2 |
| 130 | 24.1 | 15.8 | 23.6# |

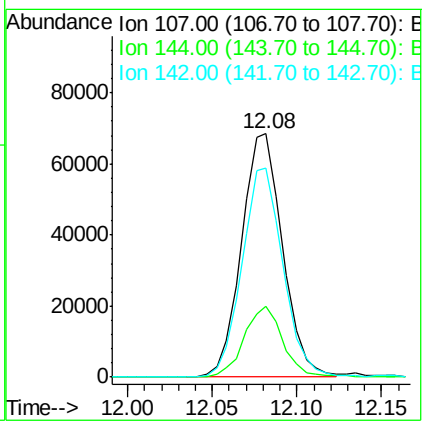


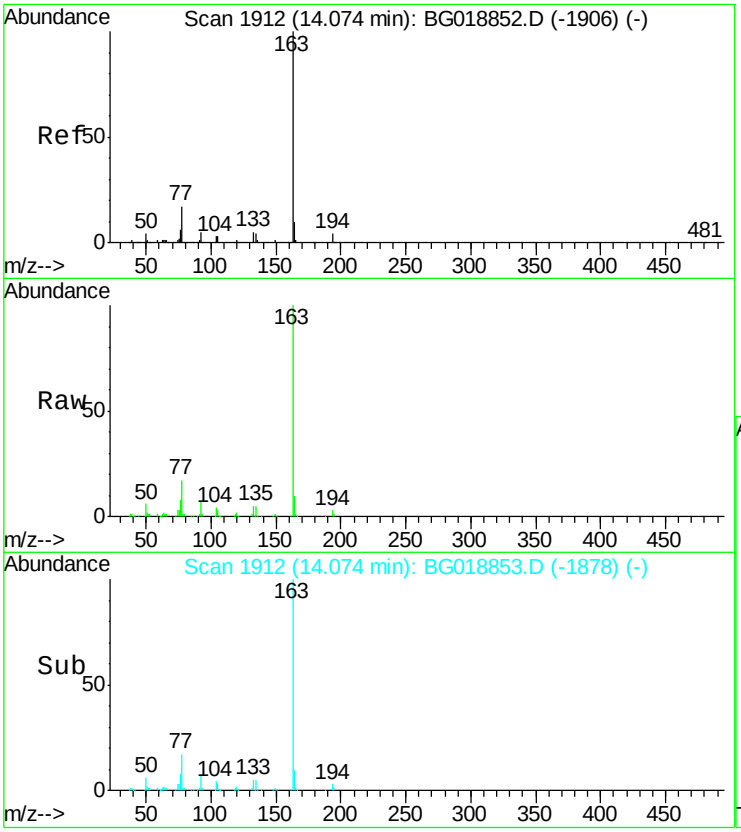




#33
4-Chloro-3-methylphenol
Concen: 20.76 ng/ul
RT: 12.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BG018853.D
Acq: 23 Sep 2015 16:26

Tgt Ion:107 Resp: 115855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.0 | 21.4 | 32.2 |
| 142 | 85.7 | 66.0 | 99.0 |



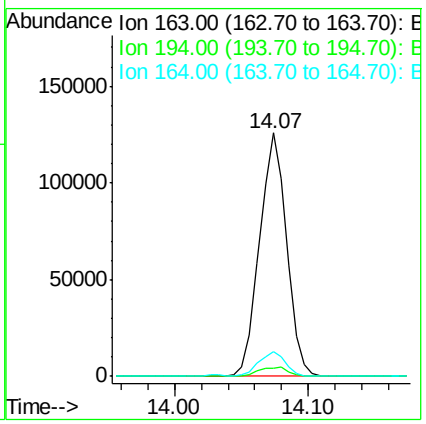


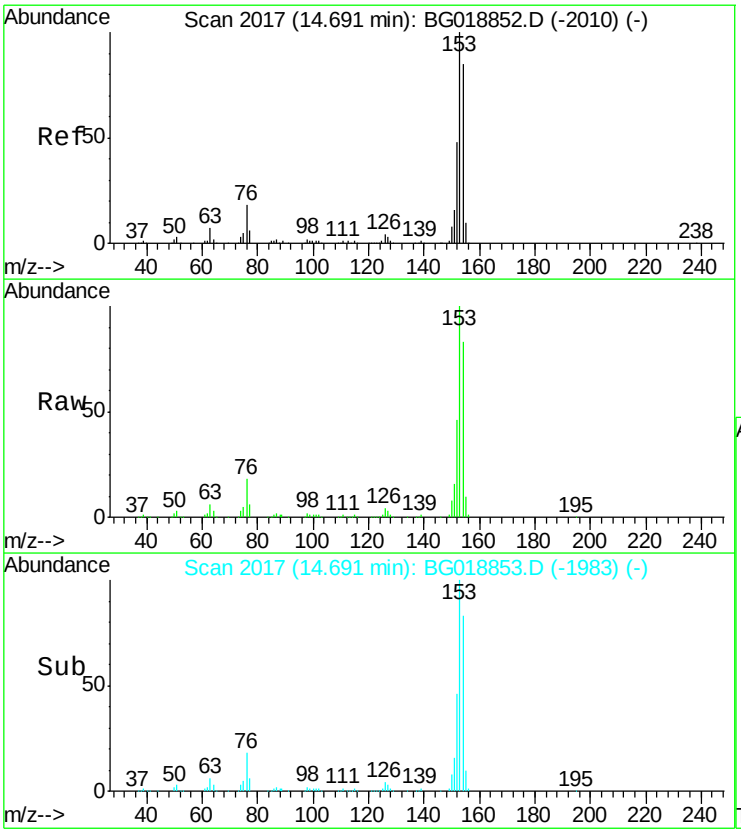

#45
Dimethylphthalate
Concen: 10.60 ng/ul
RT: 14.07 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BG018853.D
Acq: 23 Sep 2015 16:26

**Instrument :**
BNA_G
**ClientSampleId :**
JHAD3MS

Tgt Ion:163 Resp: 176378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.1 | 2.9 | 4.3 |
| 164 | 10.3 | 7.7 | 11.5 |

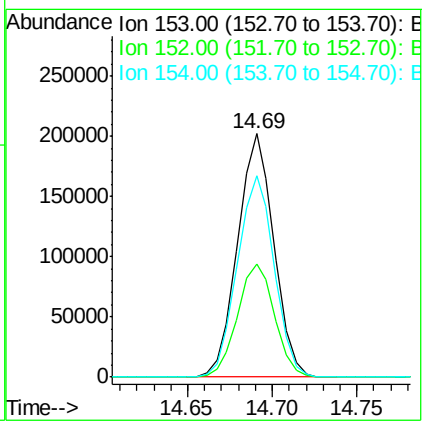


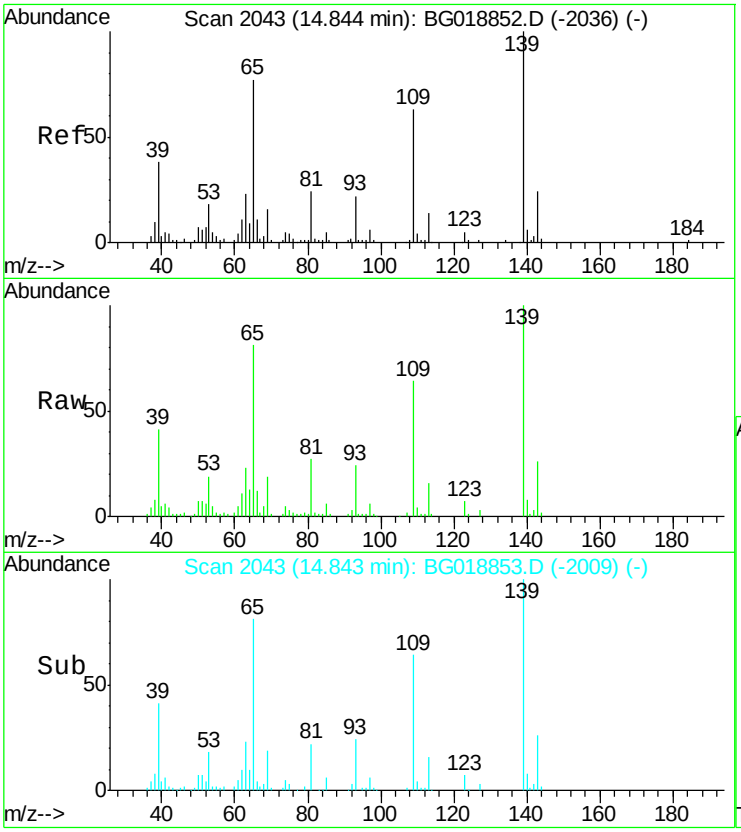




#50
Acenaphthene
Concen: 20.65 ng/ul
RT: 14.69 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG018853.D
Acq: 23 Sep 2015 16:26

Tgt Ion:153 Resp: 301100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 46.2 | 38.2 | 57.4 |
| 154 | 82.8 | 68.6 | 103.0 |



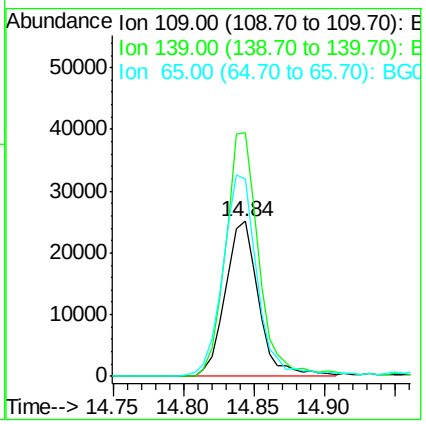


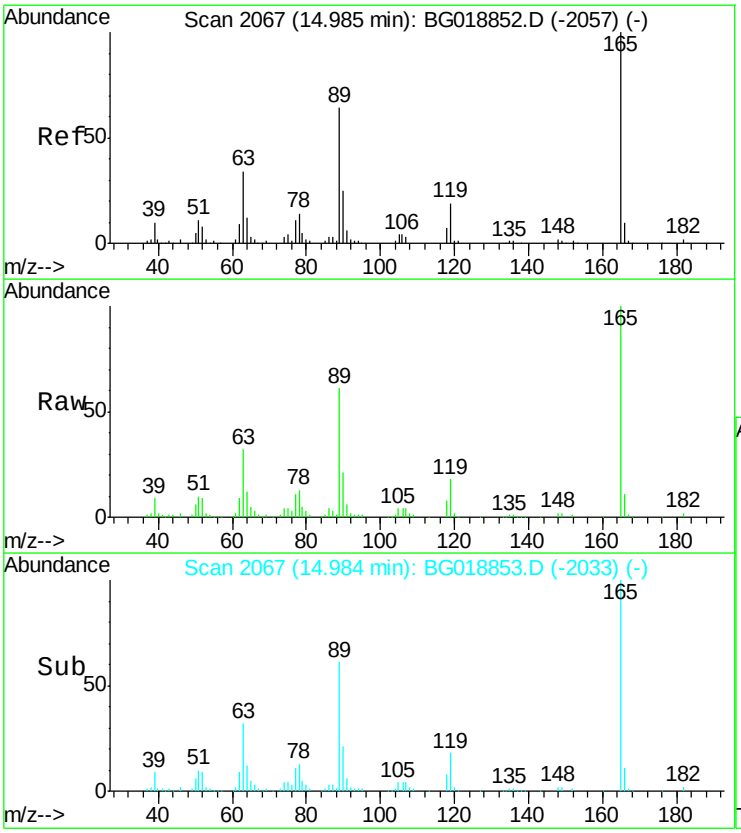

#53
4-Nitrophenol
Concen: 18.30 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG018853.D
Acq: 23 Sep 2015 16:26

**Instrument :**
BNA_G
**ClientSampleId :**
JHAD3MS

Tgt Ion:109 Resp: 41327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 157.3 | 111.3 | 166.9 |
| 65 | 127.8 | 105.3 | 157.9 |

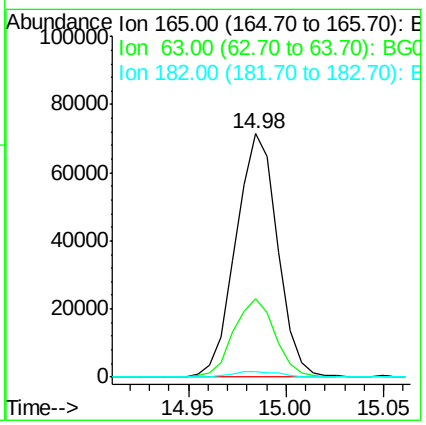


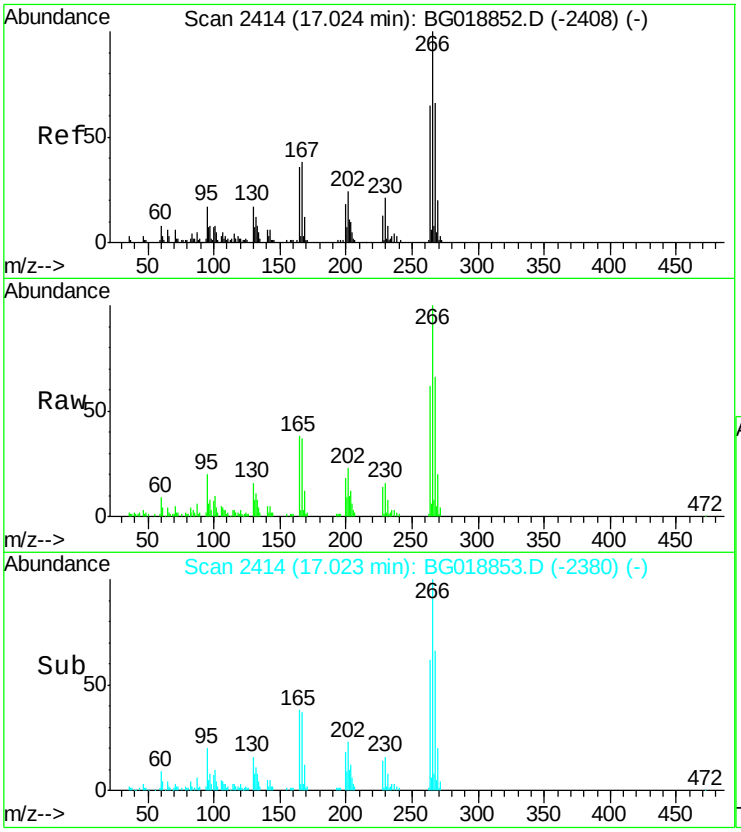




#55
2,4-Dinitrotoluene
Concen: 21.24 ng/ul
RT: 14.98 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BG018853.D
Acq: 23 Sep 2015 16:26

Tgt Ion:165 Resp: 105810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.5 | 36.7 | 55.1# |
| 182 | 2.2 | 2.2 | 3.2 |



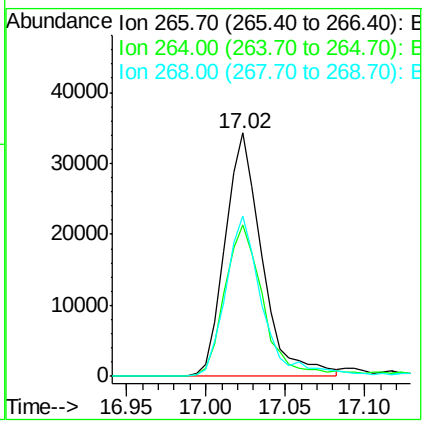


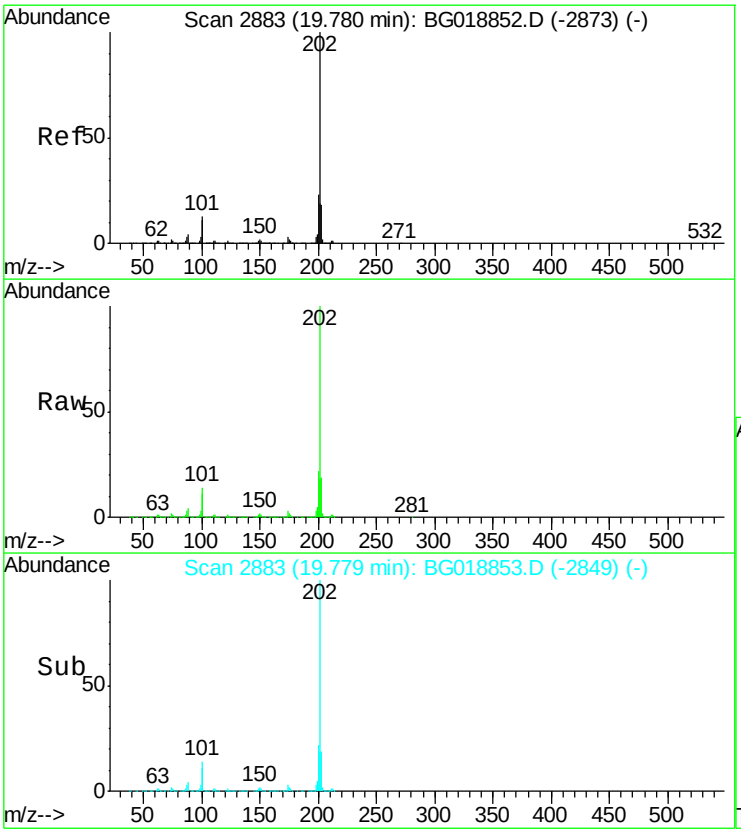

#69
Pentachlorophenol
Concen: 16.68 ng/ul
RT: 17.02 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG018853.D
Acq: 23 Sep 2015 16:26

**Instrument :**
BNA_G
**ClientSampleId :**
JHAD3MS

Tgt Ion:266 Resp: 55432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.4 | 55.4 | 83.0 |
| 268 | 66.0 | 53.6 | 80.4 |




#80
Pyrene
Concen: 19.10 ng/ul
RT: 19.78 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BG018853.D
Acq: 23 Sep 2015 16:26

Tgt Ion:202 Resp: 625723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.5 | 11.0 | 16.4 |
| 100 | 11.5 | 9.8 | 14.6 |