Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013068.D
Acq On : 21 Nov 2017 05:55
Operator : SJ/JU
Sample : I6489-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: Nov 21 07:42:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:39:32 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 245553 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.50 | 136 | 1053099 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.35 | 164 | 599443 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.10 | 188 | 1142323 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.28 | 240 | 930438 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.51 | 264 | 888008 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.25 | 96 | 31645 | 5.97 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.90 | 99 | 152347 | 7.16 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.06 | 67 | 373521 | 30.95 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.26 | 132 | 454443 | 26.73 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.42 | 113 | 287272 | 16.49 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.87 | 128 | 294894 | 39.29 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.59 | 143 | 331717 | 46.46 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.12 | 165 | 567996 | 31.34 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.47 | 131 | 34041 | 1.80 | ng/ul | -0.16 |
| 43) Dimethylphthalate-d6 | 13.77 | 166 | 1749475 | 33.27 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.04 | 160 | 2203590 | 32.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.57 | 143 | 52529 | 6.59 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.35 | 176 | 1506723 | 33.72 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 252813 | 51.04 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.20 | 188 | 1970439 | 33.69 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.49 | 212 | 1822786 | 38.35 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.37 | 264 | 1515707 | 33.66 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 6.88 | 77 | 949455 | 82.83 | ng/ul# | 1 |
| 6) Phenol | 6.93 | 94 | 70893 | 3.38 | ng/ul# | 75 |
| 8) Bis(2-Chloroethyl)ether | 7.16 | 93 | 16336 | 1.03 | ng/ul# | 88 |
| 10) 2-Chlorophenol | 7.29 | 128 | 104699 | 6.22 | ng/ul | 95 |
| 11) 2-Methylphenol | 8.16 | 108 | 148705 | 9.33 | ng/ul | 93 |
| 14) Acetophenone | 8.52 | 105 | 624205 | 23.38 | ng/ul# | 28 |
| 16) 4-Methylphenol | 8.48 | 108 | 392424 | 23.19 | ng/ul | 87 |
| 17) Hexachloroethane | 8.82 | 117 | 275347 | 38.64 | ng/ul# | 1 |
| 20) Nitrobenzene | 8.91 | 77 | 178000 | 9.49 | ng/ul# | 52 |
| 24) 2,4-Dimethylphenol | 9.68 | 107 | 155642 | 7.62 | ng/ul | 92 |
| 28) Naphthalene | 10.55 | 128 | 4108789 | 75.72 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.55 | 127 | 529090 | 29.12 | ng/ul# | 14 |
| 33) 4-Chloro-3-methylphenol | 11.85 | 107 | 113103 | 6.31 | ng/ul# | 21 |
| 34) 2-Methylnaphthalene | 12.16 | 142 | 193103 | 4.86 | ng/ul | 89 |
| 56) Diethylphthalate | 15.19 | 149 | 78060 | 1.54 | ng/ul | 94 |
| 81) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 279712 | 7.88 | ng/ul | 98 |

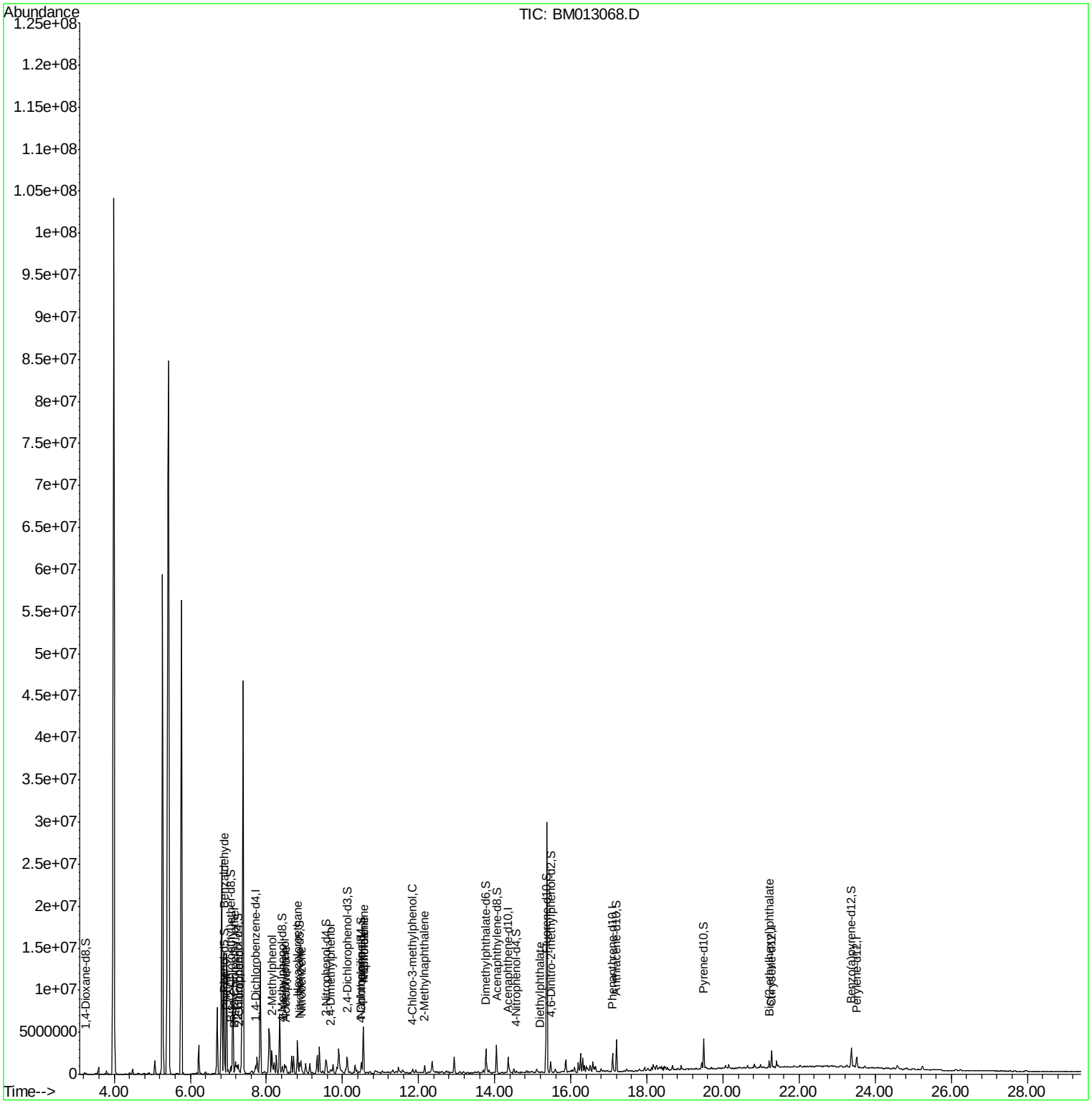
(#) = qualifier out of range (m) = manual integration (+) = signals summed

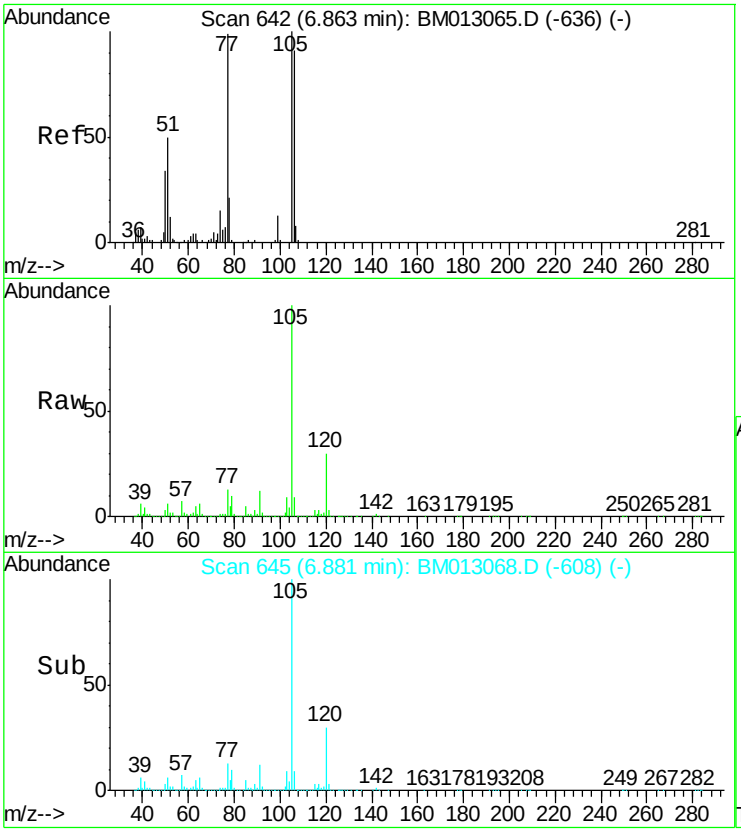
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013068.D
Acq On : 21 Nov 2017 05:55
Operator : SJ/JU
Sample : I6489-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**

Quant Time: Nov 21 07:42:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 21 07:39:32 2017
Response via : Initial Calibration



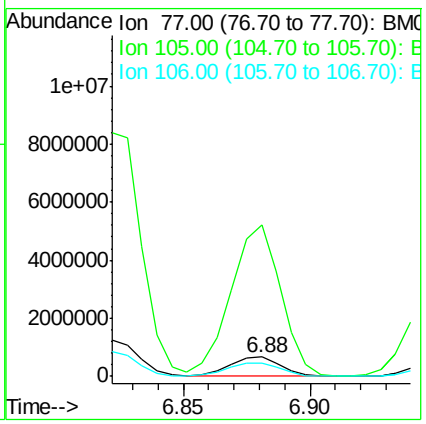


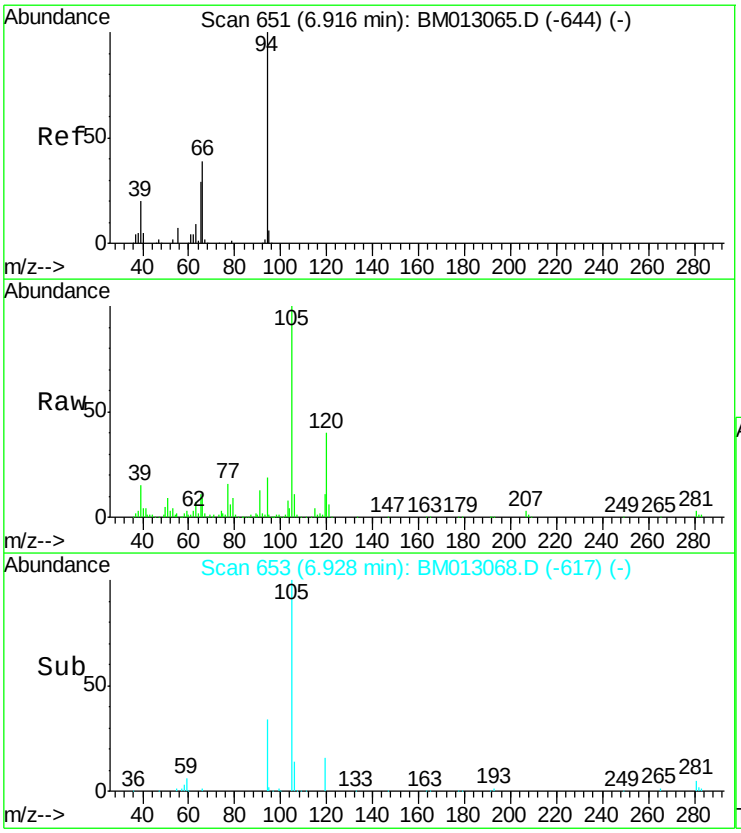

#4
Benzaldehyde
Concen: 82.83 ng/ul
RT: 6.88 min Scan# 645
Delta R.T. 0.02 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 77 Resp: 949455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 776.7 | 66.1 | 99.1# |
| 106 | 70.1 | 67.8 | 101.6 |

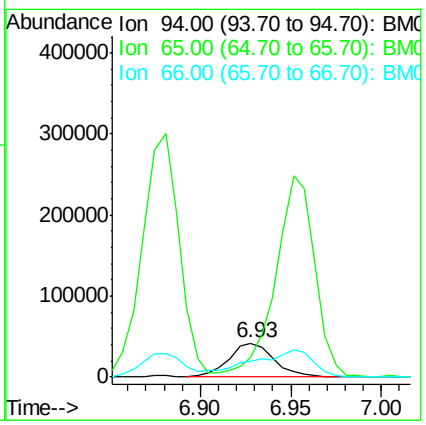


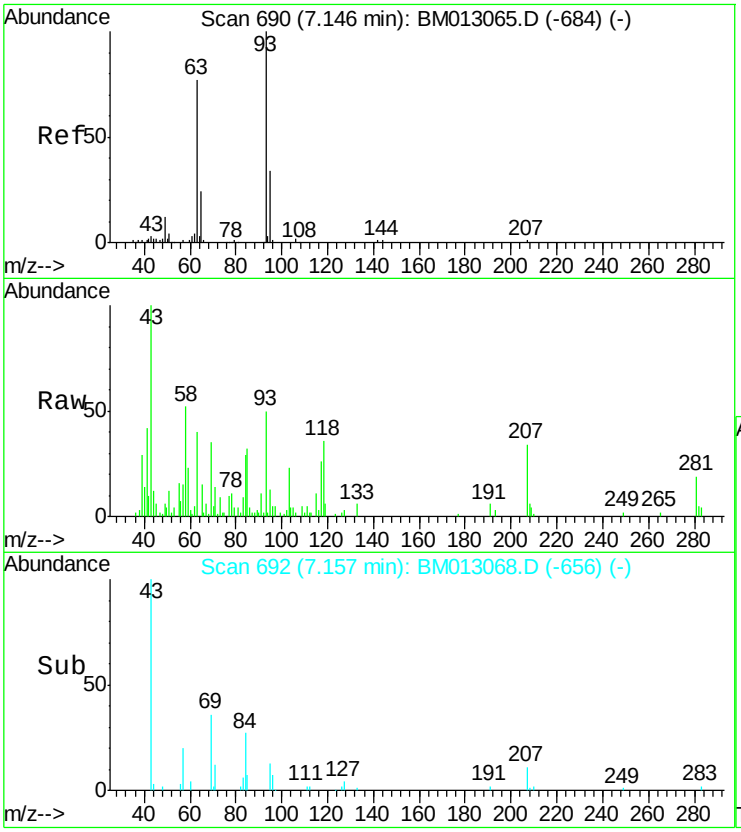




#6
Phenol
Concen: 3.38 ng/ul
RT: 6.93 min Scan# 653
Delta R.T. 0.01 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

Tgt Ion: 94 Resp: 70893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 59.3 | 28.2 | 42.4# |
| 66 | 47.6 | 47.2 | 70.8 |



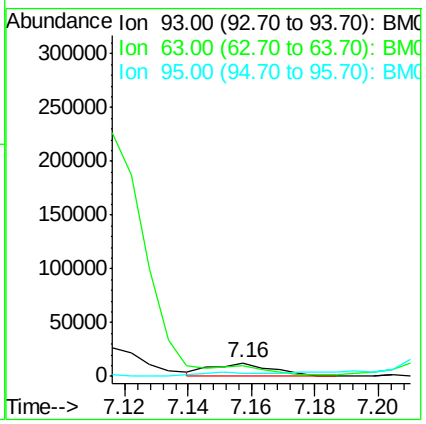


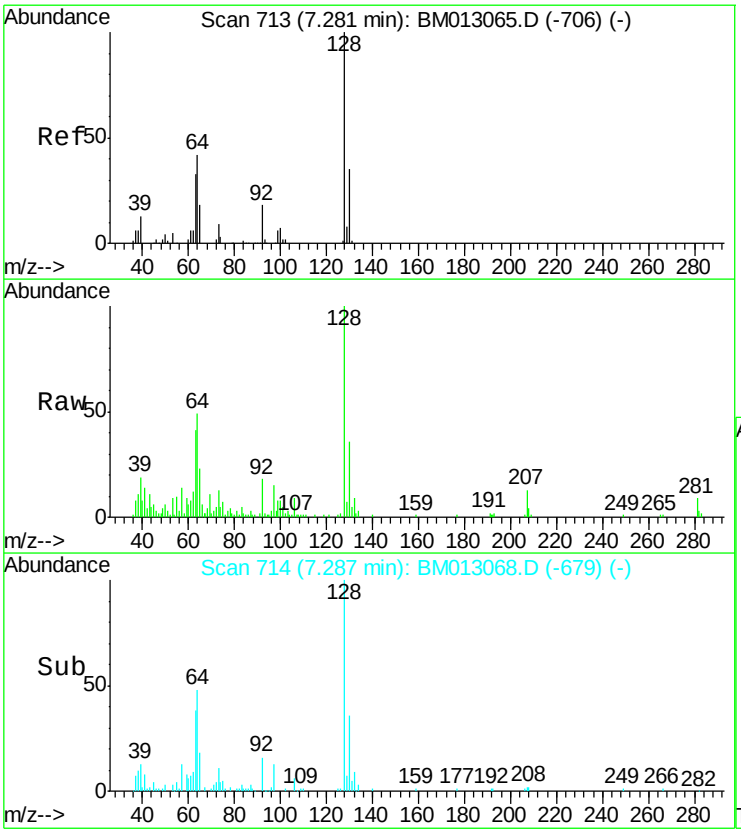

#8
Bis(2-Chloroethyl)ether
Concen: 1.03 ng/ul
RT: 7.16 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 93 Resp: 16336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 81.1 | 57.3 | 85.9 |
| 95 | 26.2 | 26.6 | 39.8# |

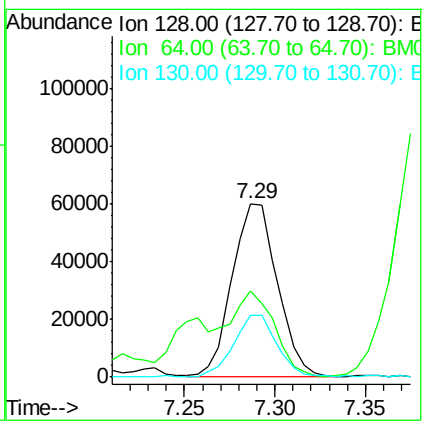


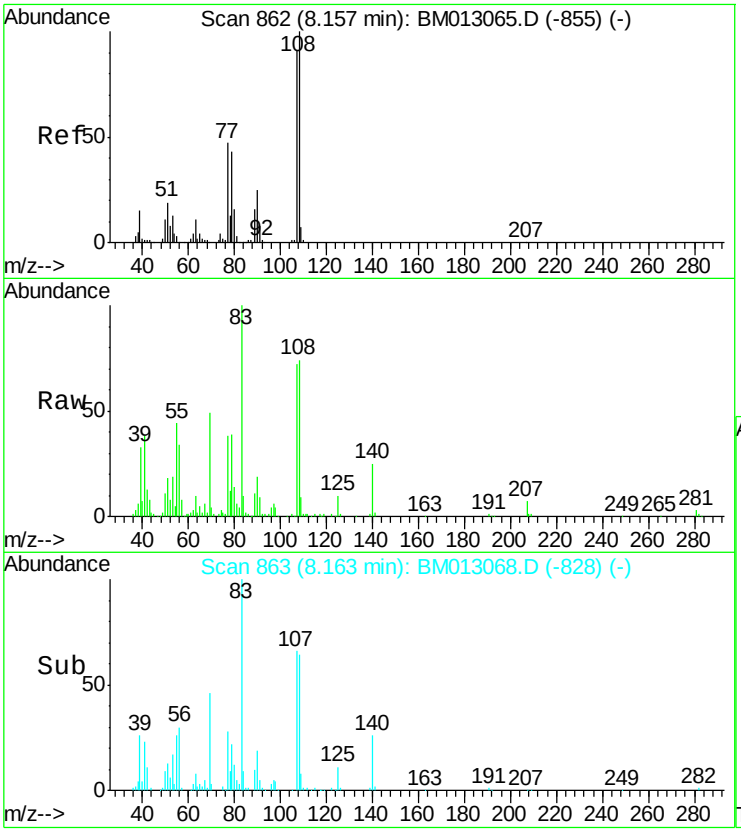




#10
2-Chlorophenol
Concen: 6.22 ng/ul
RT: 7.29 min Scan# 714
Delta R.T. 0.01 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

Tgt Ion:128 Resp: 104699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 64 | 49.3 | 38.0 | 57.0 |
| 130 | 35.8 | 24.4 | 36.6 |



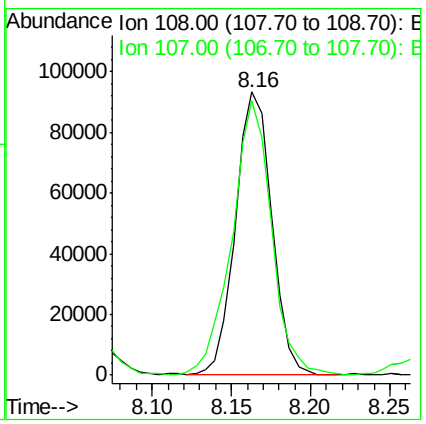


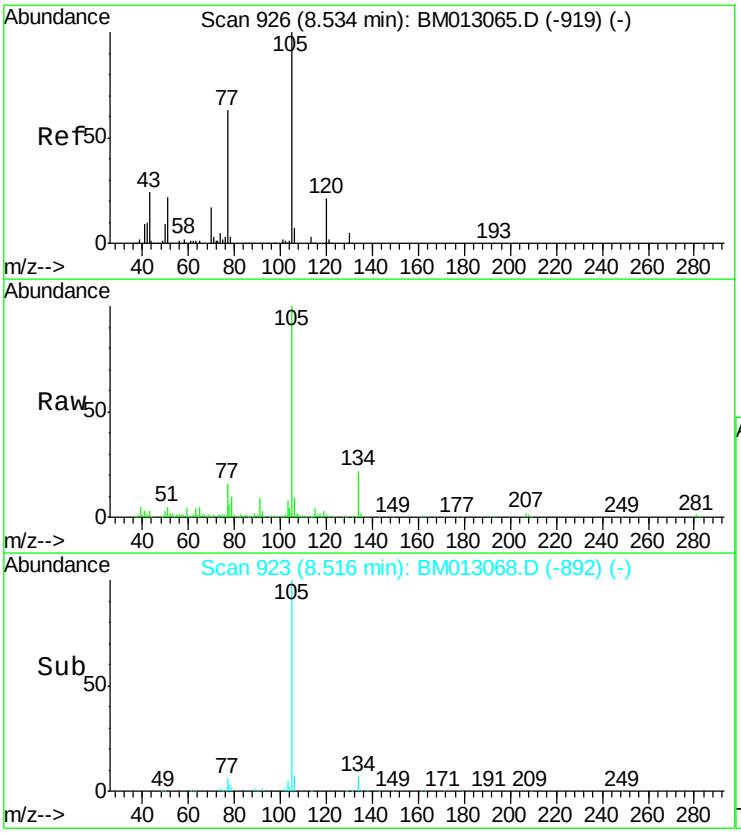

#11
2-Methylphenol
Concen: 9.33 ng/ul
RT: 8.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:108 Resp: 148705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 107 | 96.9 | 72.6 | 108.8 |

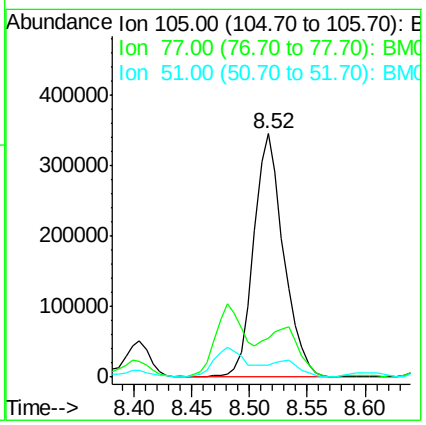


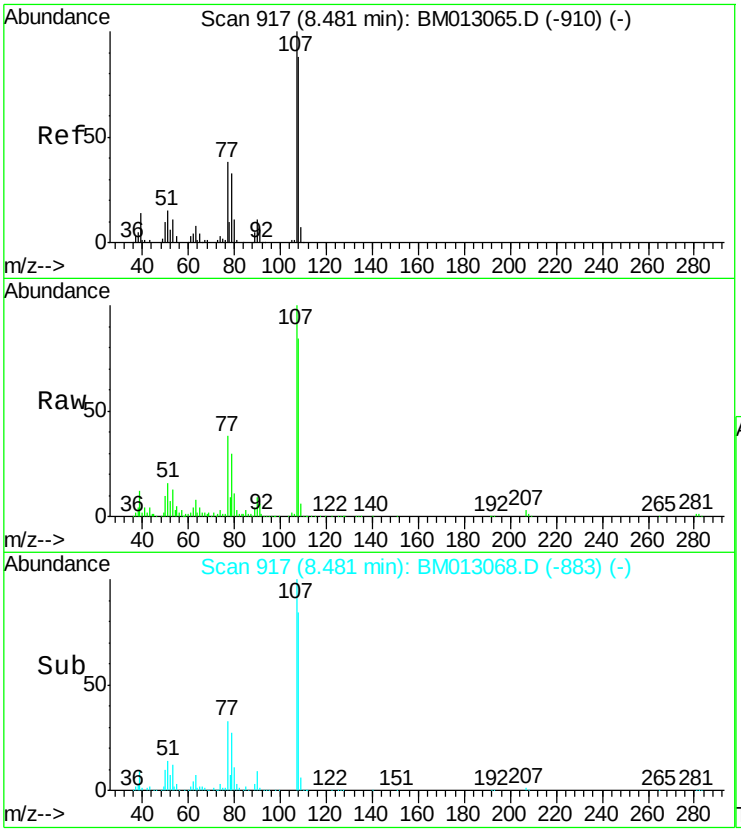




#14
Acetophenone
Concen: 23.38 ng/ul
RT: 8.52 min Scan# 923
Delta R.T. -0.02 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

Tgt Ion:105 Resp: 624205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 77 | 15.8 | 74.2 | 111.4# |
| 51 | 5.1 | 23.4 | 35.2# |



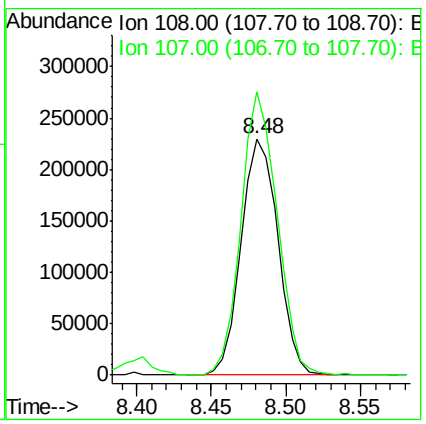


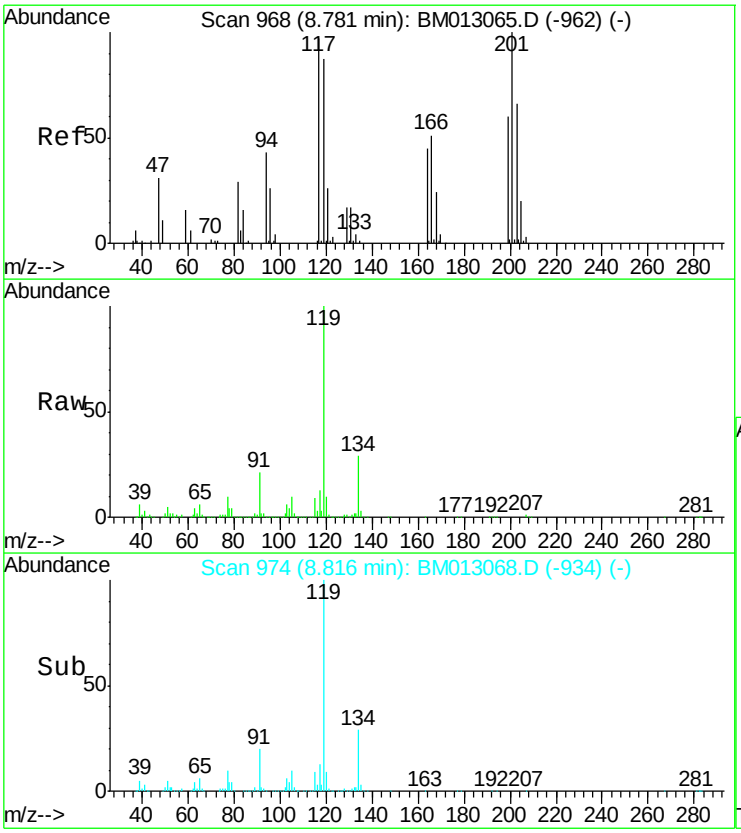

#16
4-Methylphenol
Concen: 23.19 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:108 Resp: 392424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 107 | 119.7 | 84.9 | 127.3 |

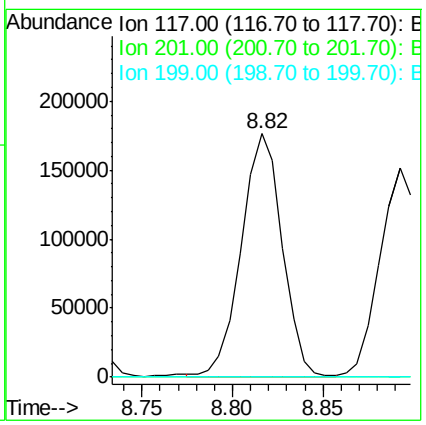


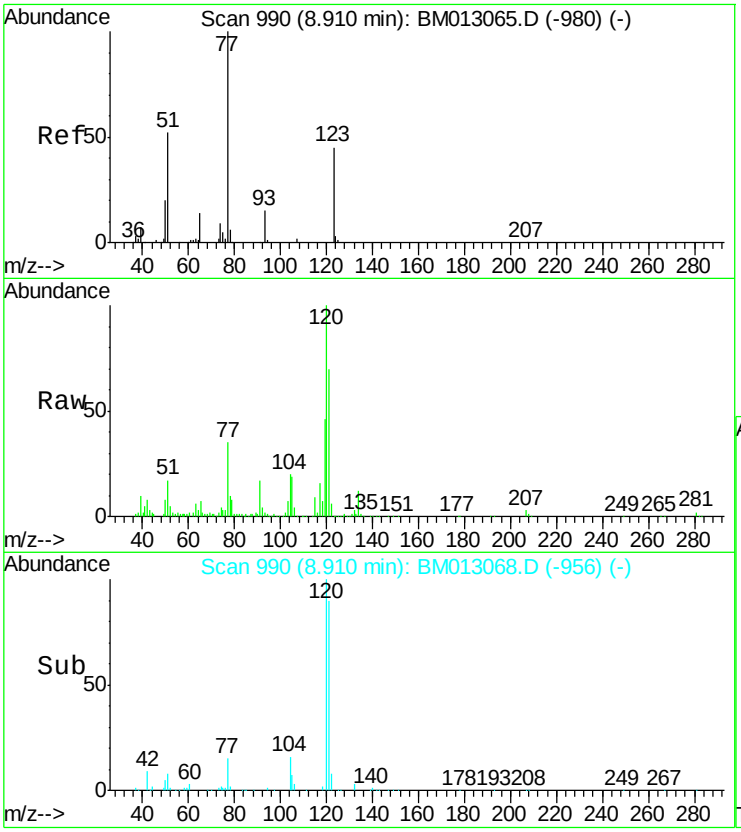




#17
Hexachloroethane
Concen: 38.64 ng/ul
RT: 8.82 min Scan# 974
Delta R.T. 0.04 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

Tgt Ion:117 Resp: 275347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 201 | 0.0 | 111.6 | 167.4# |
| 199 | 0.0 | 67.8 | 101.6# |



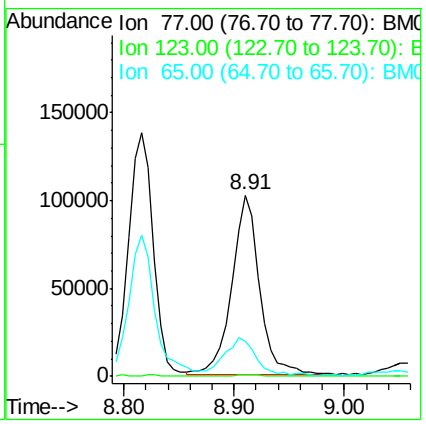


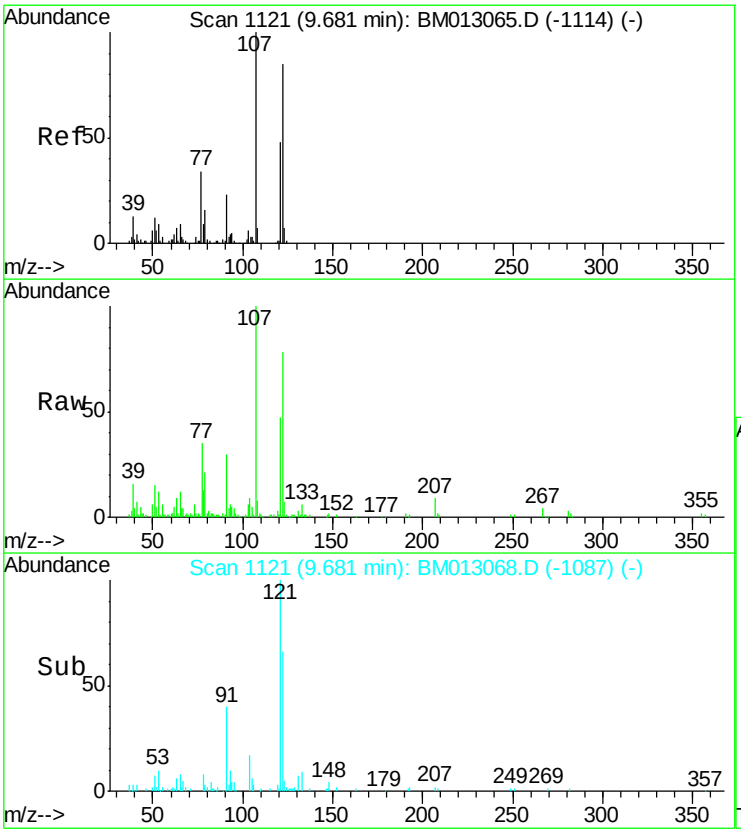

#20
Nitrobenzene
Concen: 9.49 ng/ul
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 77 Resp: 178000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.7 | 31.0 | 46.6# |
| 65 | 19.5 | 12.2 | 18.2# |

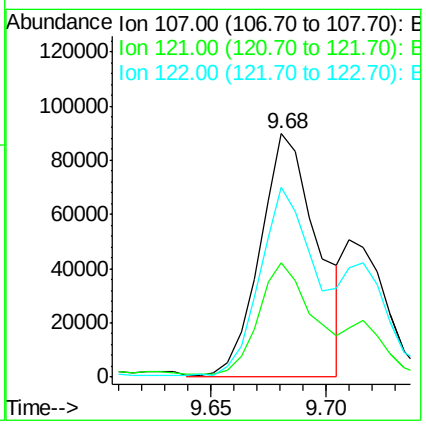


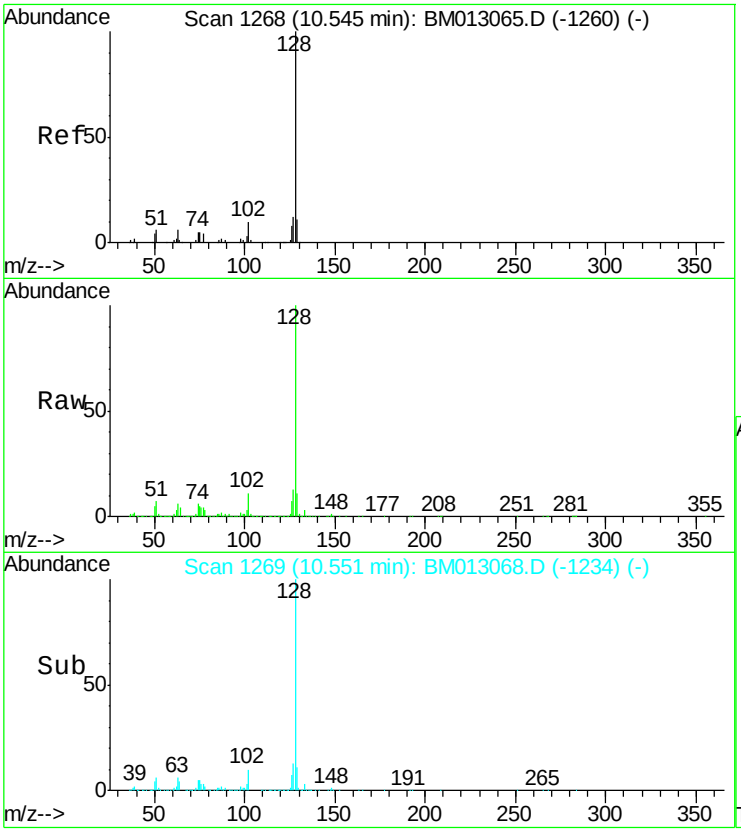




#24
2,4-Dimethylphenol
Concen: 7.62 ng/ul
RT: 9.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

Tgt Ion:107 Resp: 155642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 121 | 47.2 | 31.9 | 47.9 |
| 122 | 77.7 | 57.8 | 86.6 |



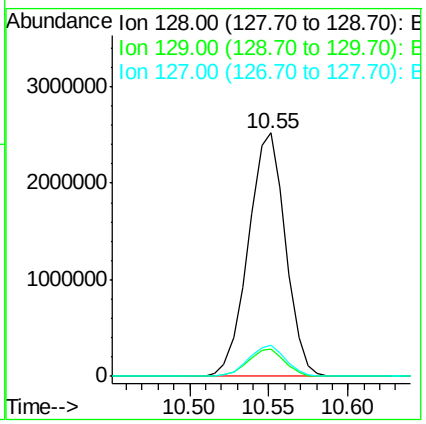


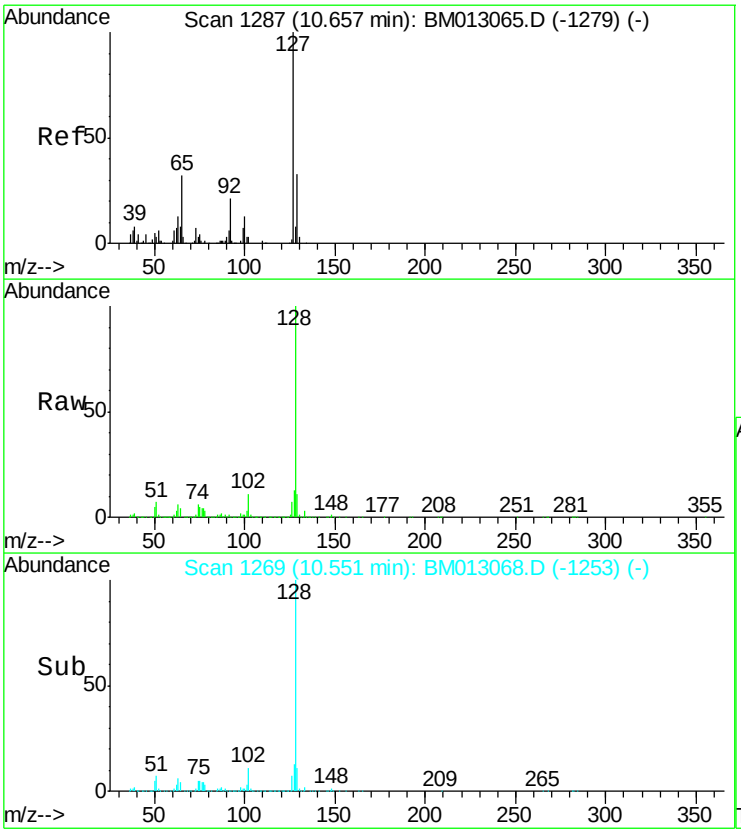

#28
Naphthalene
Concen: 75.72 ng/ul
RT: 10.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:128 Resp: 4108789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.8 | 13.2 |
| 127 | 12.7 | 10.6 | 16.0 |

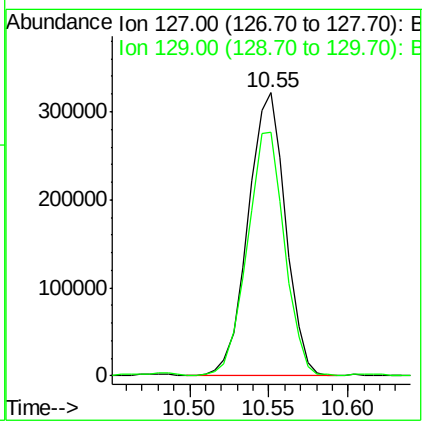


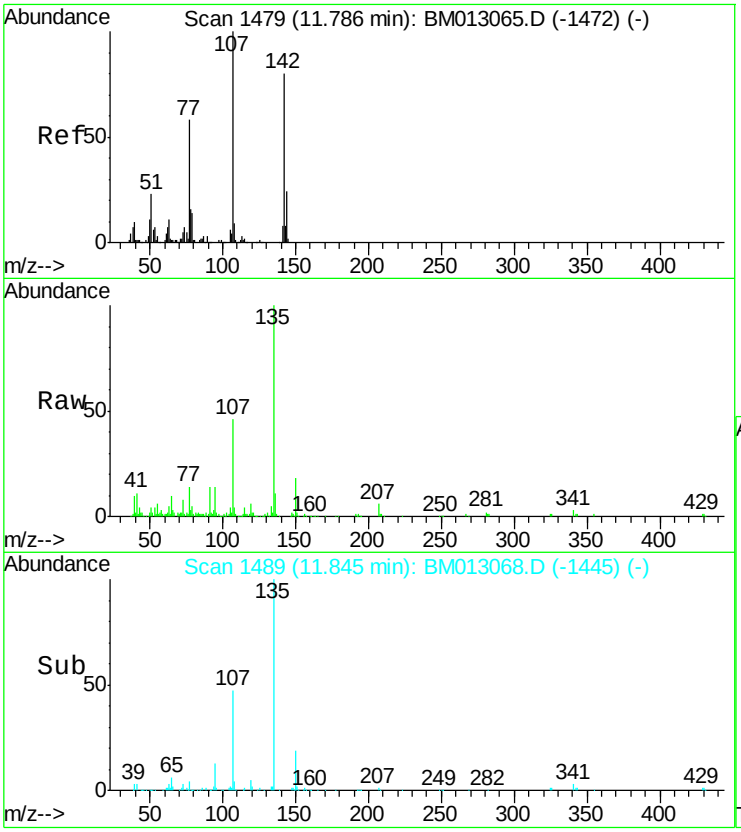




#30
4-Chloroaniline
Concen: 29.12 ng/ul
RT: 10.55 min Scan# 1269
Delta R.T. -0.11 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

Tgt Ion:127 Resp: 529090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 85.9 | 28.4 | 42.6# |



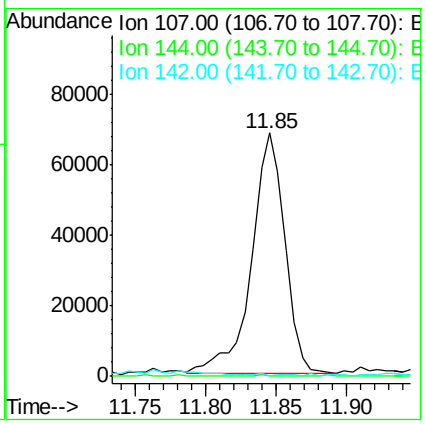


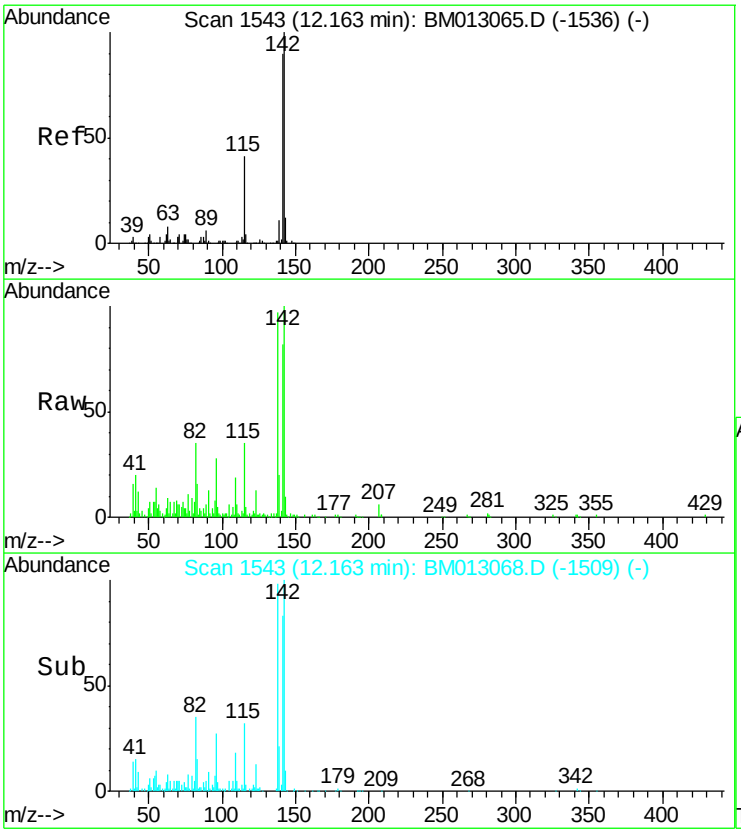

#33
4-Chloro-3-methylphenol
Concen: 6.31 ng/ul
RT: 11.85 min Scan# 1489
Delta R.T. 0.06 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:107 Resp: 113103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 0.0 | 20.4 | 30.6# |
| 142 | 0.0 | 60.5 | 90.7# |

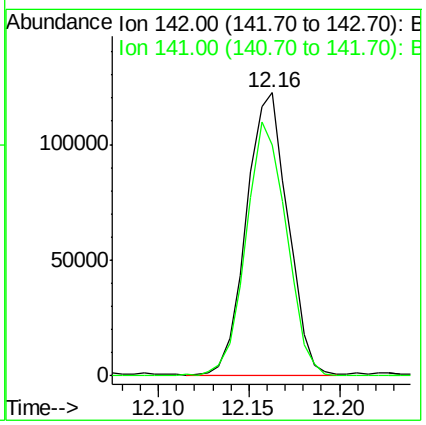


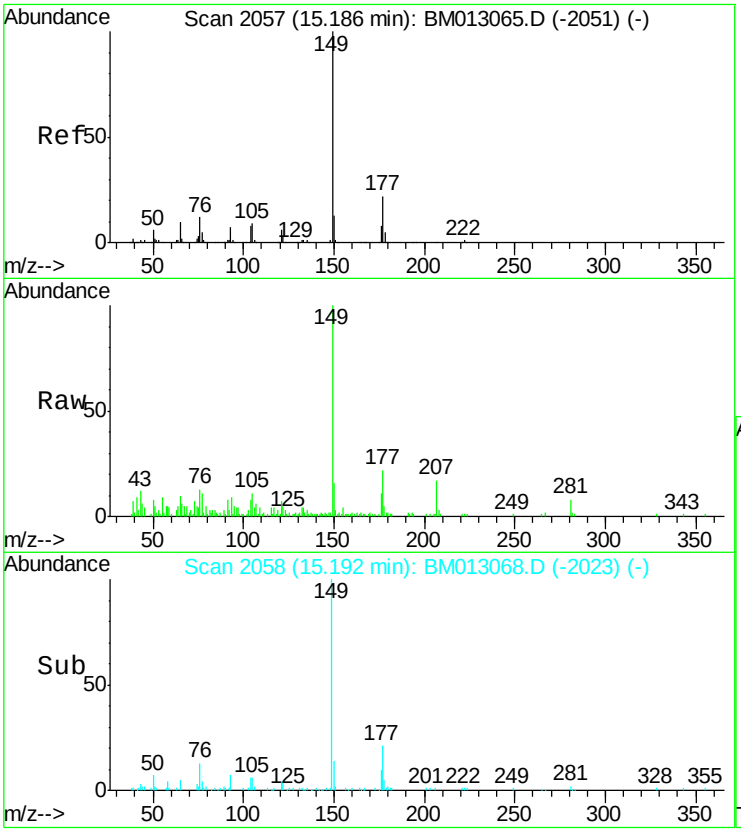




#34
2-Methylnaphthalene
Concen: 4.86 ng/ul
RT: 12.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

Tgt Ion:142 Resp: 193103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 81.7 | 74.1 | 111.1 |



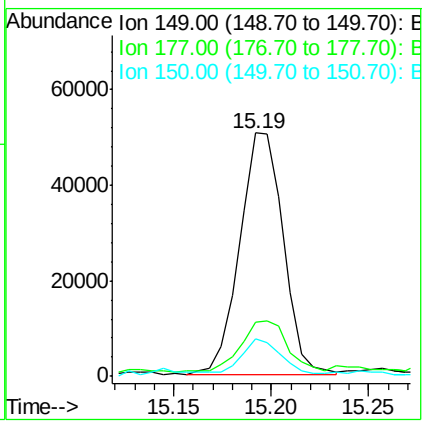


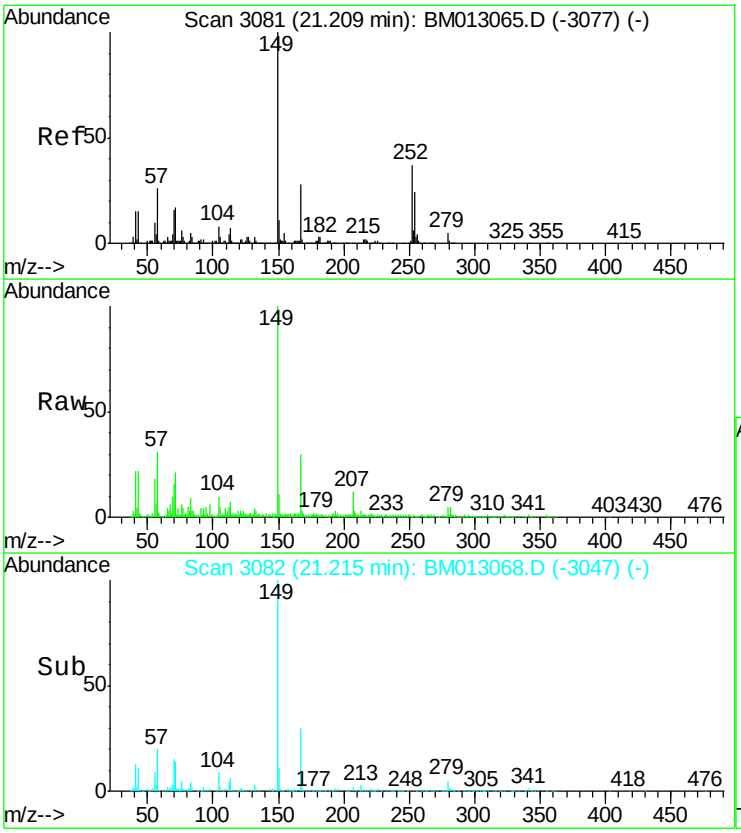

#56
Diethylphthalate
Concen: 1.54 ng/ul
RT: 15.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:149 Resp: 78060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.4 | 20.5 | 30.7 |
| 150 | 15.6 | 10.6 | 15.8 |




#81
Bis(2-ethylhexyl)phthalate
Concen: 7.88 ng/ul
RT: 21.22 min Scan# 3082
Delta R.T. 0.01 min
Lab File: BM013068.D
Acq: 21 Nov 2017 05:55

Tgt Ion:149 Resp: 279712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 29.7 | 22.8 | 34.2 |
| 279 | 5.3 | 4.9 | 7.3 |