Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009252.D
Acq On : 14 Mar 2017 12:58
Operator : SJ/MA
Sample : I2235-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0BK9

Quant Time: Mar 15 01:52:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 01:51:24 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 152577 | 20.00 | ng/ul | 0.05 |
| 18) Naphthalene-d8 | 10.69 | 136 | 499139 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.52 | 164 | 322582 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.27 | 188 | 869349 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.44 | 240 | 1380207 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.78 | 264 | 1447019 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.35 | 96 | 14656 | 4.23 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.03 | 99 | 68575 | 4.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.22 | 67 | 239174 | 22.25 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4 | 7.41 | 132 | 176102 | 17.46 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.58 | 113 | 127663 | 9.69 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.05 | 128 | 116624 | 32.72 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.76 | 143 | 122975 | 31.08 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.29 | 165 | 227792 | 26.95 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.83 | 131 | 8778 | 0.87 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 13.92 | 166 | 930585 | 37.98 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.21 | 160 | 1078693 | 38.29 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.71 | 143 | 27338 | 5.62 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.51 | 176 | 840865 | 38.46 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200 | 144216 | 27.73 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.36 | 188 | 1468731 | 35.70 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.66 | 212 | 1958296 | 35.15 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.63 | 264 | 2373791 | 35.86 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 11) 2-Methylphenol | 8.32 | 108 | 1176693 | 92.15 | ng/ul | 90 |
| 23) 2-Nitrophenol | 9.79 | 139 | 10028 | 2.33 | ng/ul# | 74 |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.70 | 216 | 428100 | 44.12 | ng/ul | 94 |
| 41) 2-Chloronaphthalene | 13.52 | 162 | 141837 | 8.11 | ng/ul# | 37 |
| 45) 2,6-Dinitrotoluene | 13.93 | 165 | 5990 | 1.27 | ng/ul# | 45 |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.32 | 216 | 326850 | 32.00 | ng/uL | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 21.33 | 149 | 67350 | 1.50 | ng/ul | 98 |

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

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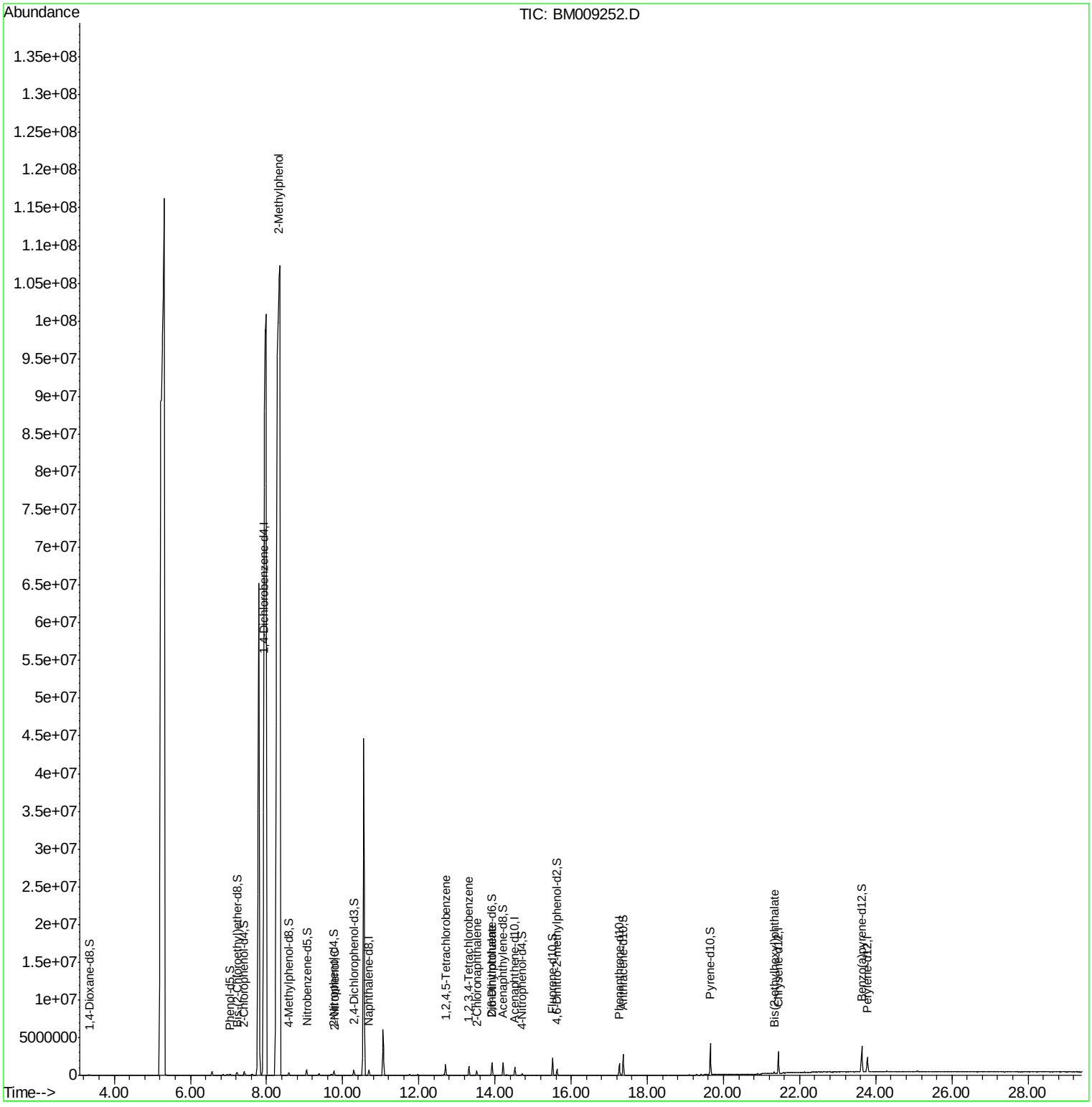
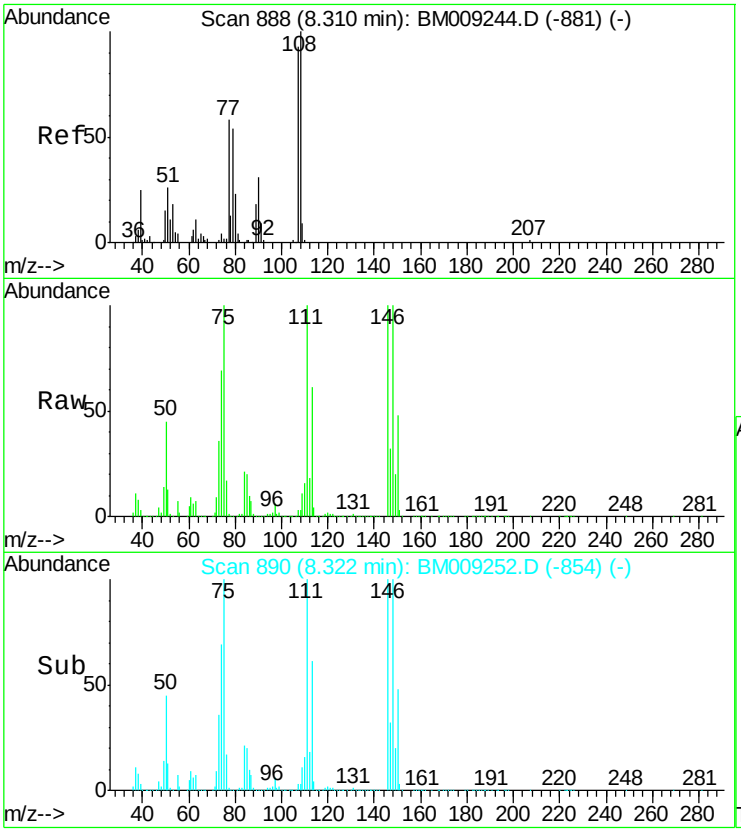
Sample : I2235-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0BK9

Quant Time: Mar 15 01:52:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 01:51:24 2017
Response via : Initial Calibration



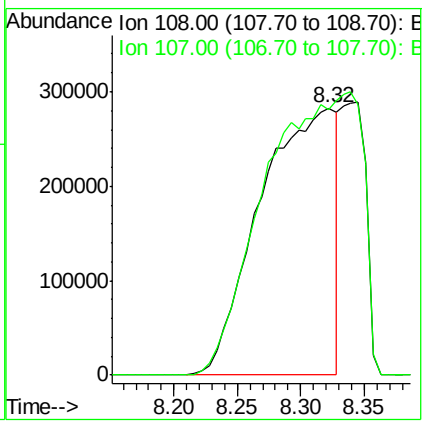


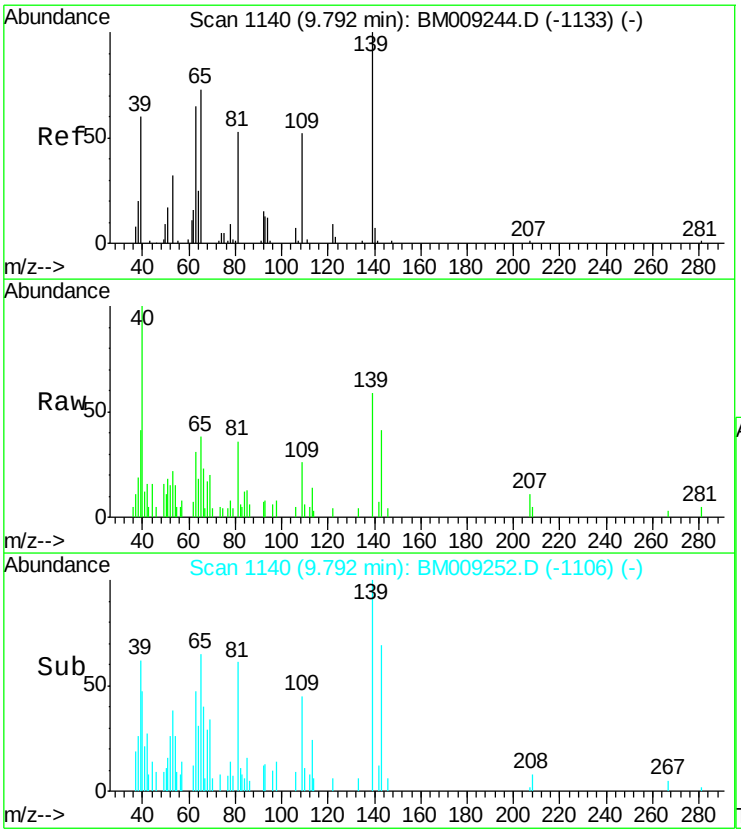

#11
2-Methylphenol
Concen: 92.15 ng/ul
RT: 8.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BM009252.D
Acq: 14 Mar 2017 12:58

**Instrument :**
BNA_M
**ClientSampleId :**
C0BK9

Tgt Ion:108 Resp: 1176693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 108 | 100 | | |
| 107 | 99.5 | 72.4 | 108.6 |

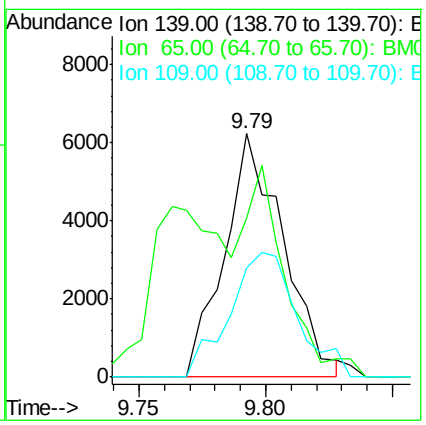


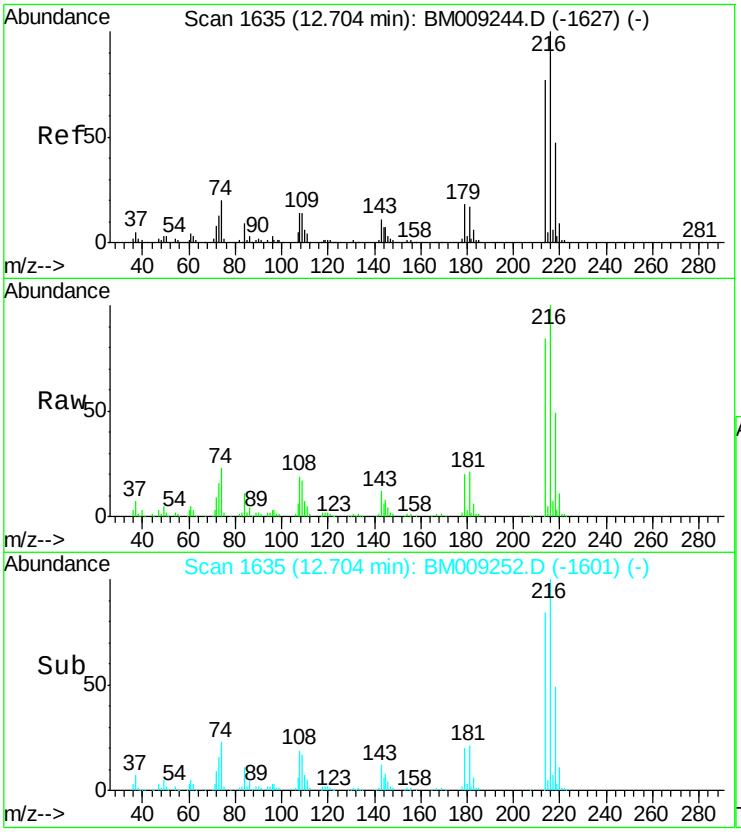




#23
2-Nitrophenol
Concen: 2.33 ng/ul
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BM009252.D
Acq: 14 Mar 2017 12:58

Tgt Ion:139 Resp: 10028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 65 | 65.1 | 36.3 | 54.5# |
| 109 | 44.9 | 26.4 | 39.6# |



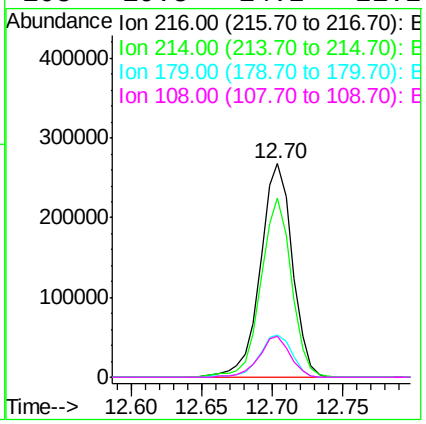


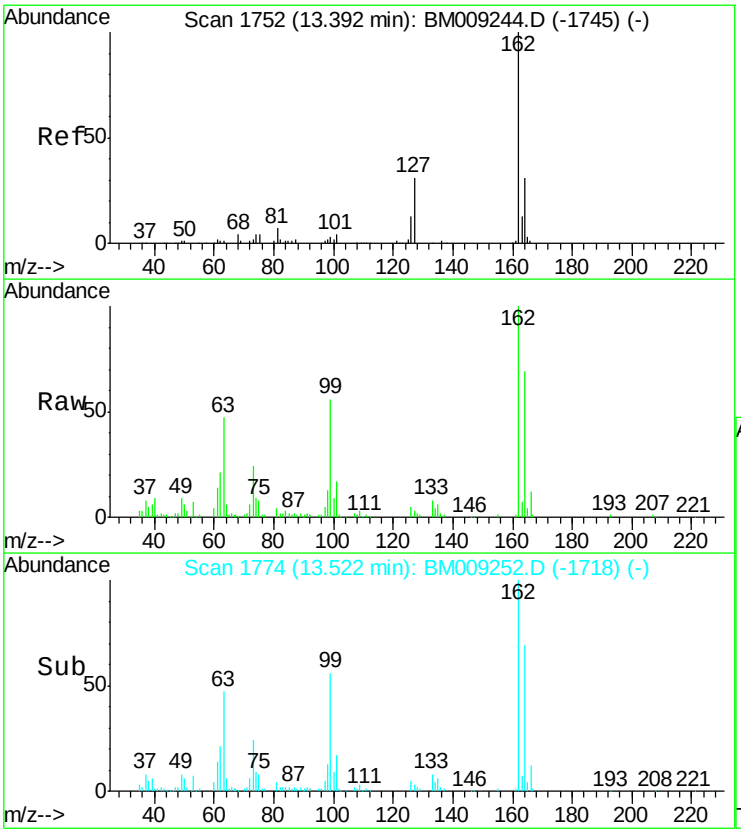

#36
1,2,4,5-Tetrachlorobenzene
Concen: 44.12 ng/ul
RT: 12.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BM009252.D
Acq: 14 Mar 2017 12:58

**Instrument :**
BNA_M
**ClientSampleId :**
C0BK9

Tgt Ion:216 Resp: 428100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 83.7 | 62.5 | 93.7 |
| 179 | 19.5 | 18.2 | 27.2 |
| 108 | 19.3 | 14.2 | 21.2 |

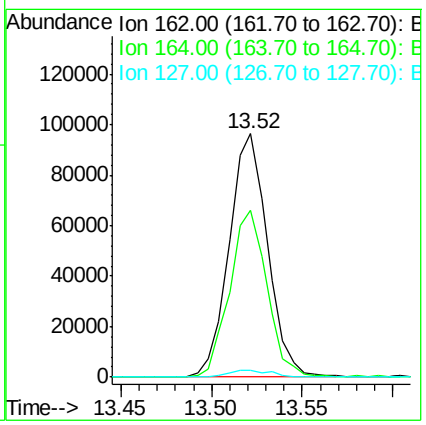


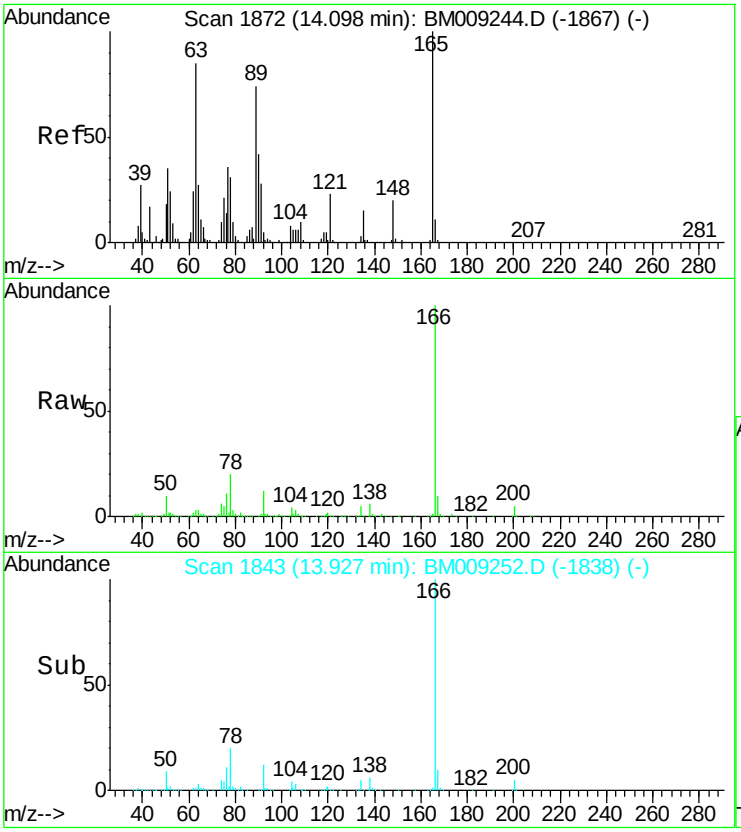




#41
2-Chloronaphthalene
Concen: 8.11 ng/ul
RT: 13.52 min Scan# 1774
Delta R.T. 0.13 min
Lab File: BM009252.D
Acq: 14 Mar 2017 12:58

Tgt Ion:162 Resp: 141837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 68.6 | 25.9 | 38.9# |
| 127 | 2.8 | 34.1 | 51.1# |



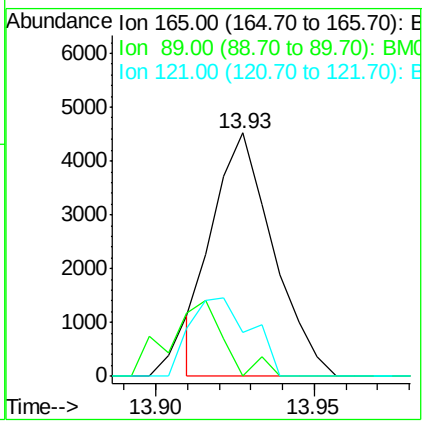


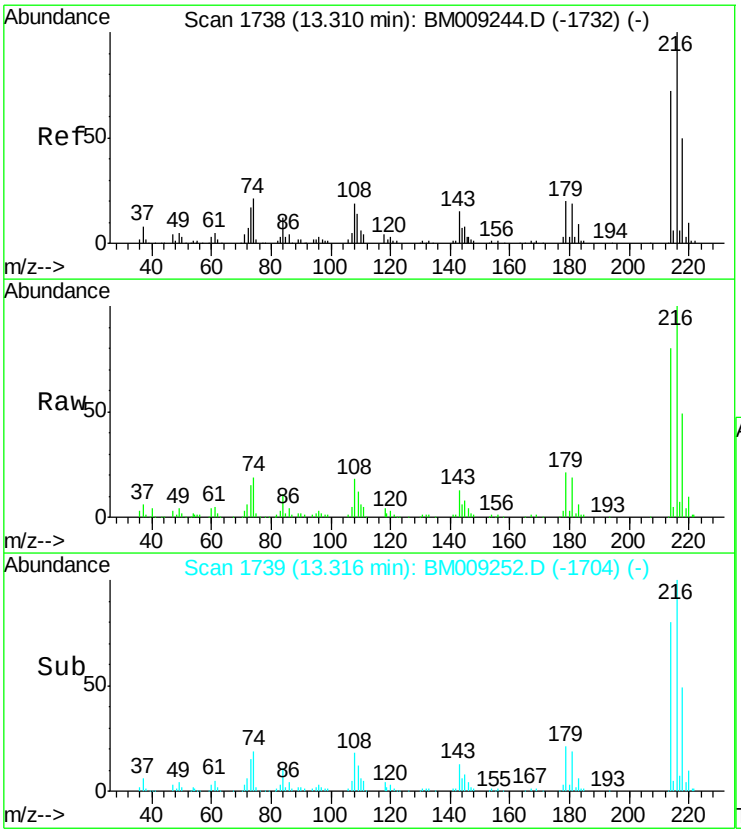

#45
2,6-Dinitrotoluene
Concen: 1.27 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. -0.17 min
Lab File: BM009252.D
Acq: 14 Mar 2017 12:58

**Instrument :**
BNA_M
**ClientSampleId :**
C0BK9

Tgt Ion:165 Resp: 5990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 42.4 | 63.6# |
| 121 | 18.2 | 16.6 | 24.8 |

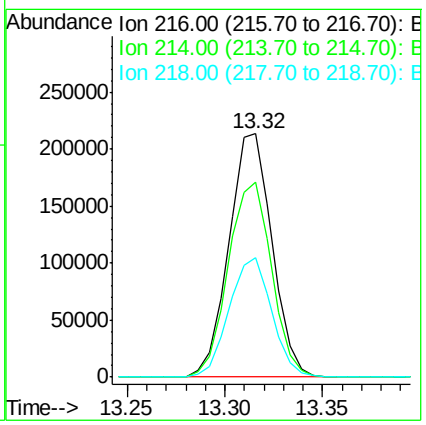


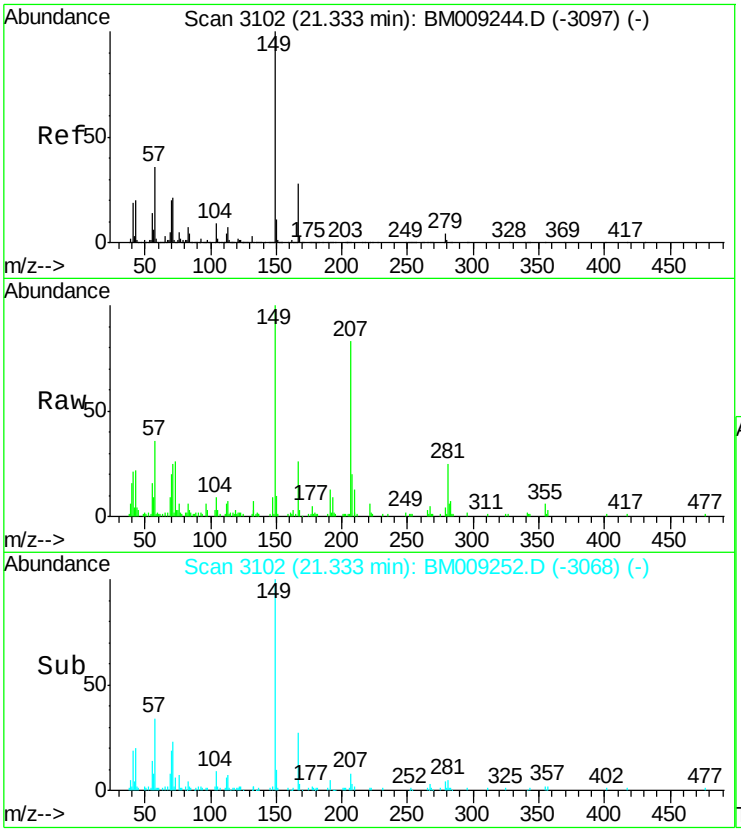




#72
1,2,3,4-Tetrachlorobenzene
Concen: 32.00 ng/uL
RT: 13.32 min Scan# 1739
Delta R.T. 0.01 min
Lab File: BM009252.D
Acq: 14 Mar 2017 12:58

Tgt Ion:216 Resp: 326850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.0 | 62.5 | 93.7 |
| 218 | 49.3 | 38.4 | 57.6 |






#83
Bis(2-ethylhexyl)phthalate
Concen: 1.50 ng/ul
RT: 21.33 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM009252.D
Acq: 14 Mar 2017 12:58

**Instrument :**
BNA_M
**ClientSampleId :**
C0BK9

Tgt Ion:149 Resp: 67350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.1 | 21.6 | 32.4 |
| 279 | 3.9 | 3.0 | 4.4 |