Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
Data File : BM000174.D
Acq On : 13 Jan 2015 18:14
Operator : TP/IZ
Sample : G1063-07DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AN6DL

Quant Time: Jan 14 12:57:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 14 12:47:10 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.83 | 152 | 110909 | 20.00 | ng/ul | -0.02 |
| 18) Naphthalene-d8 | 10.62 | 136 | 454838 | 20.00 | ng/ul | -0.02 |
| 35) Acenaphthene-d10 | 14.46 | 164 | 303368 | 20.00 | ng/ul | -0.02 |
| 61) Phenanthrene-d10 | 17.21 | 188 | 616982 | 20.00 | ng/ul | -0.02 |
| 75) Chrysene-d12 | 21.39 | 240 | 707008 | 20.00 | ng/ul | -0.02 |
| 83) Perylene-d12 | 23.68 | 264 | 680421 | 20.00 | ng/ul | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 353286 | 184.69 | ng/uL | -0.03 |
| 5) Phenol-d5 | 6.99 | 99 | 21408 | 2.29 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.16 | 67 | 75377 | 12.78 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4 | 7.36 | 132 | 67943 | 9.93 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.52 | 113 | 39950 | 5.38 | ng/ul | -0.02 |
| 19) Nitrobenzene-d5 | 8.99 | 128 | 39086 | 12.43 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4 | 9.70 | 143 | 38139 | 11.88 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3 | 10.24 | 165 | 75037 | 10.58 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.76 | 131 | 4079 | 0.51 | ng/ul | -0.02 |
| 43) Dimethylphthalate-d6 | 13.87 | 166 | 333495 | 14.90 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8 | 14.16 | 160 | 362779 | 13.53 | ng/ul | -0.02 |
| 51) 4-Nitrophenol-d4 | 14.66 | 143 | 5062 | 1.39 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.46 | 176 | 287883 | 14.98 | ng/ul | -0.02 |
| 62) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 32898 | 11.25 | ng/ul | -0.02 |
| 70) Anthracene-d10 | 17.30 | 188 | 466668 | 16.36 | ng/ul | -0.01 |
| 76) Pyrene-d10 | 19.60 | 212 | 530885 | 16.28 | ng/ul | -0.02 |
| 87) Benzo(a)pyrene-d12 | 23.53 | 264 | 435965 | 14.12 | ng/ul | -0.04 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 119721 | 45.16 | ng/uL | 92 |
| 6) Phenol | 7.02 | 94 | 1747 | 0.18 | ng/ul# | 82 |
| 15) N-Nitroso-di-n-propylamine | 8.52 | 70 | 861 | 0.13 | ng/ul# | 1 |
| 20) Nitrobenzene | 8.99 | 77 | 281 | 0.03 | ng/ul# | 46 |
| 21) Isophorone | 9.70 | 82 | 5837 | 0.32 | ng/ul# | 68 |
| 44) Dimethylphthalate | 13.92 | 163 | 7943 | 0.36 | ng/ul# | 87 |
| 45) 2,6-Dinitrotoluene | 13.88 | 165 | 2550 | 0.64 | ng/ul# | 36 |
| 56) Diethylphthalate | 15.29 | 149 | 769 | 0.03 | ng/ul# | 59 |
| 58) Fluorene | 15.46 | 166 | 121 | 0.01 | ng/ul# | 1 |
| 60) 4-Nitroaniline | 15.57 | 138 | 309 | 0.07 | ng/ul# | 1 |
| 73) Di-n-butylphthalate | 18.19 | 149 | 124 | 0.00 | ng/ul# | 78 |
| 77) Pyrene | 19.60 | 202 | 497 | 0.01 | ng/ul# | 1 |
| 78) Butylbenzylphthalate | 20.53 | 149 | 190 | 0.01 | ng/ul# | 24 |
| 80) Benzo(a)anthracene | 21.39 | 228 | 2085 | 0.05 | ng/ul# | 56 |
| 81) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 2110 | 0.08 | ng/ul# | 84 |
| 82) Chrysene | 21.39 | 228 | 2085 | 0.06 | ng/ul# | 53 |
| 84) Di-n-octyl phthalate | 22.20 | 149 | 653 | 0.01 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.99 | 252 | 347 | 0.01 | ng/ul# | 1 |
| 86) Benzo(k)fluoranthene | 23.04 | 252 | 227 | 0.01 | ng/ul# | 1 |
| 88) Benzo(a)pyrene | 23.60 | 252 | 319 | 0.01 | ng/ul# | 1 |

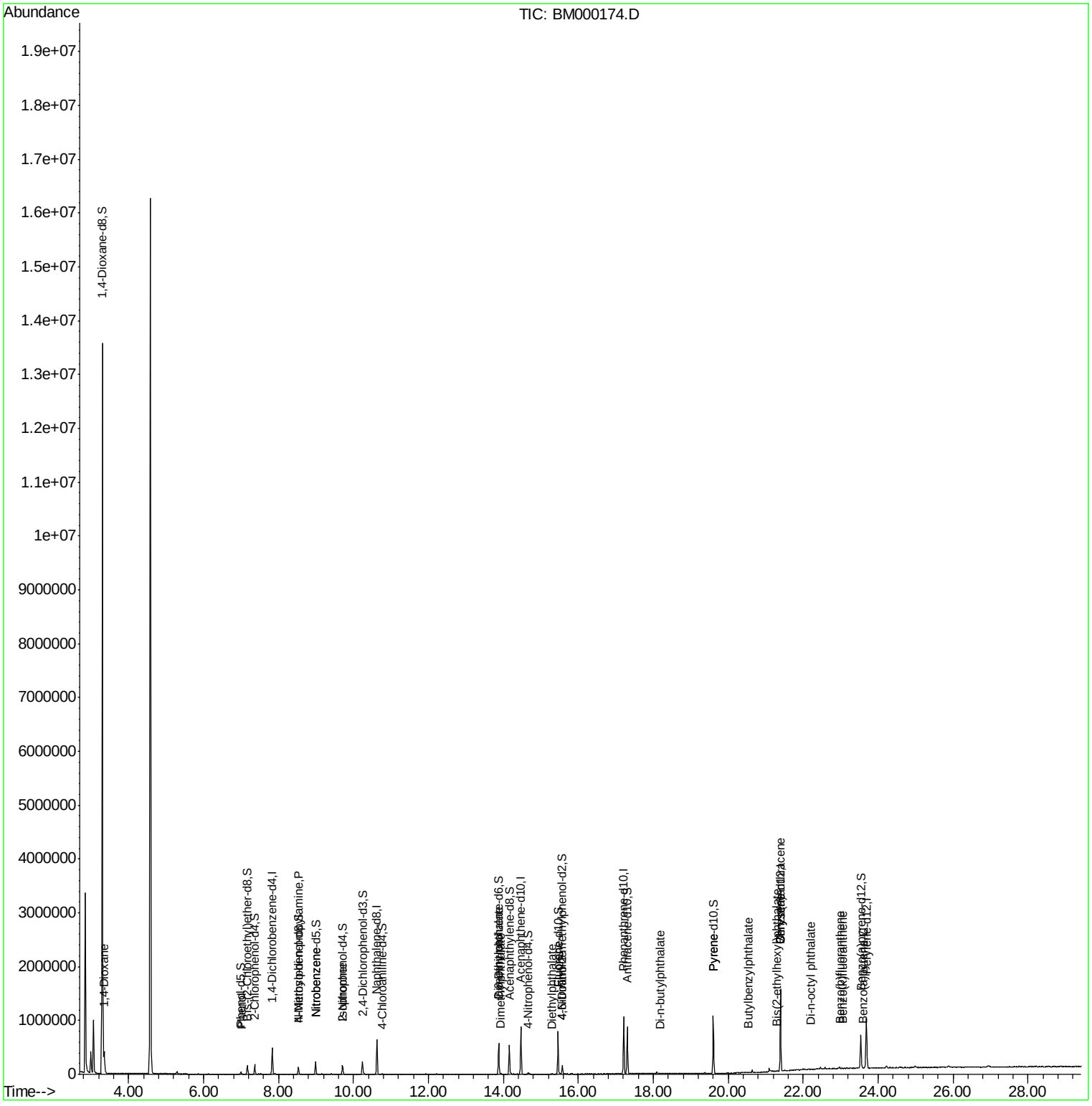
(#) = qualifier out of range (m) = manual integration (+) = signals summed

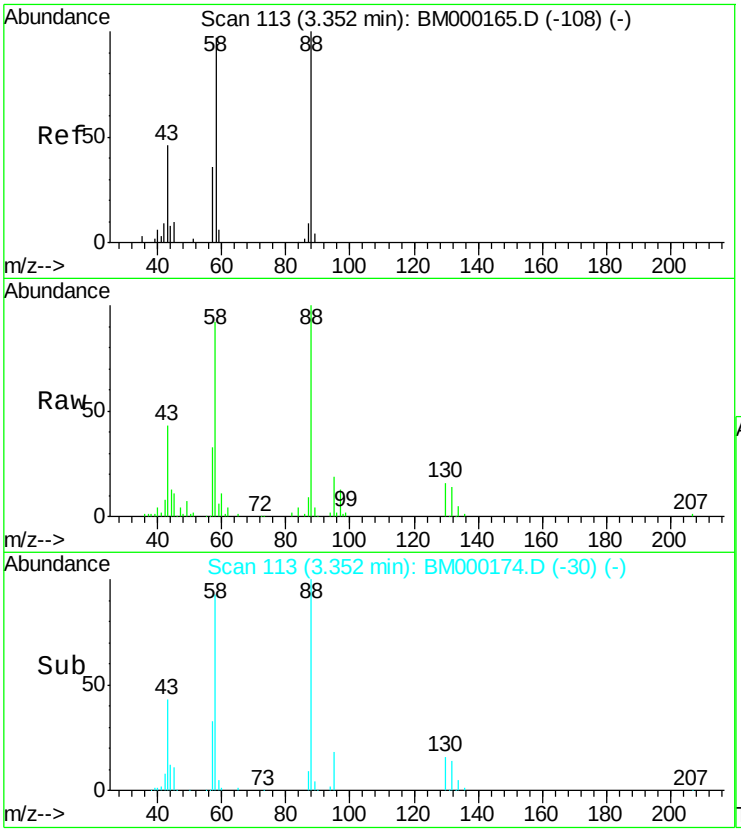
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
Data File : BM000174.D
Acq On : 13 Jan 2015 18:14
Operator : TP/IZ
Sample : G1063-07DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Quant Time: Jan 14 12:57:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 14 12:47:10 2015
Response via : Initial Calibration



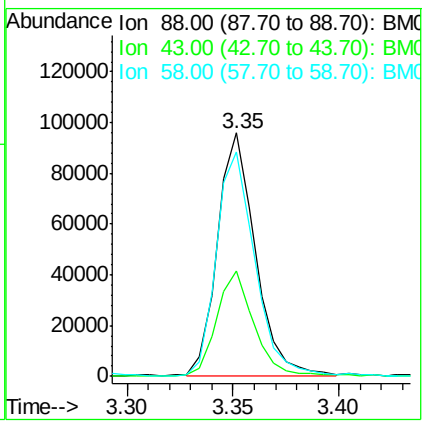


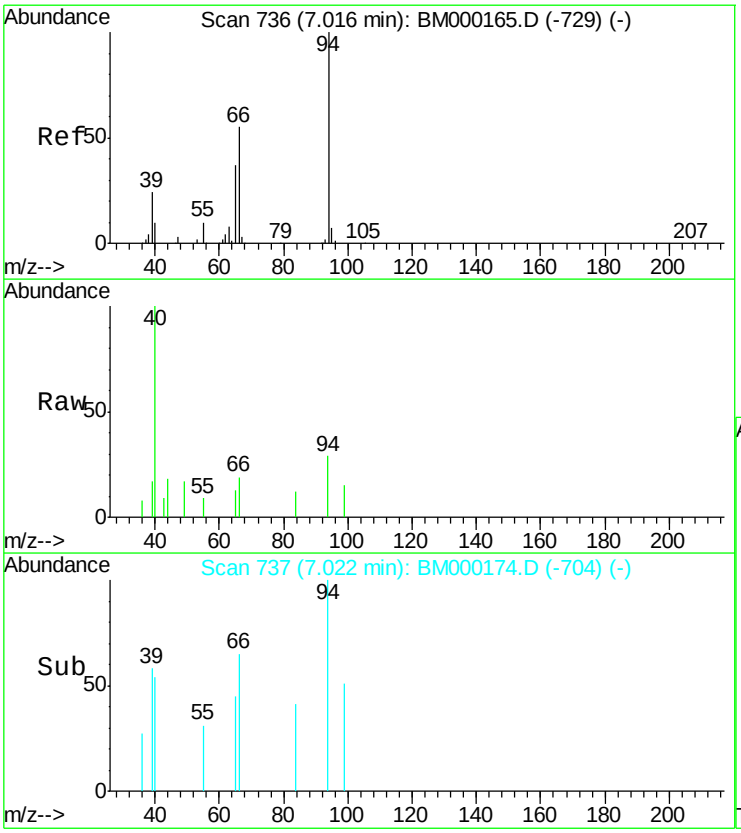

#2
1,4-Dioxane
Concen: 45.16 ng/uL
RT: 3.35 min Scan# 113
Delta R.T. -0.01 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Tgt Ion: 88 Resp: 119721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 42.0 | 34.9 | 52.3 |
| 58 | 93.4 | 67.3 | 100.9 |

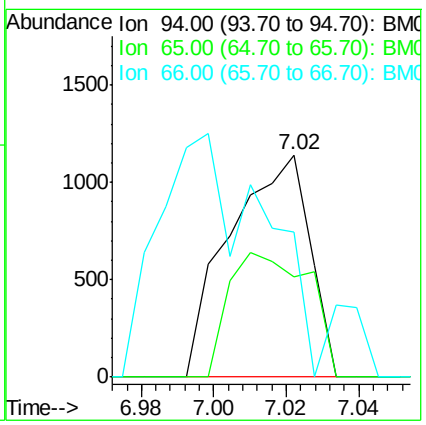


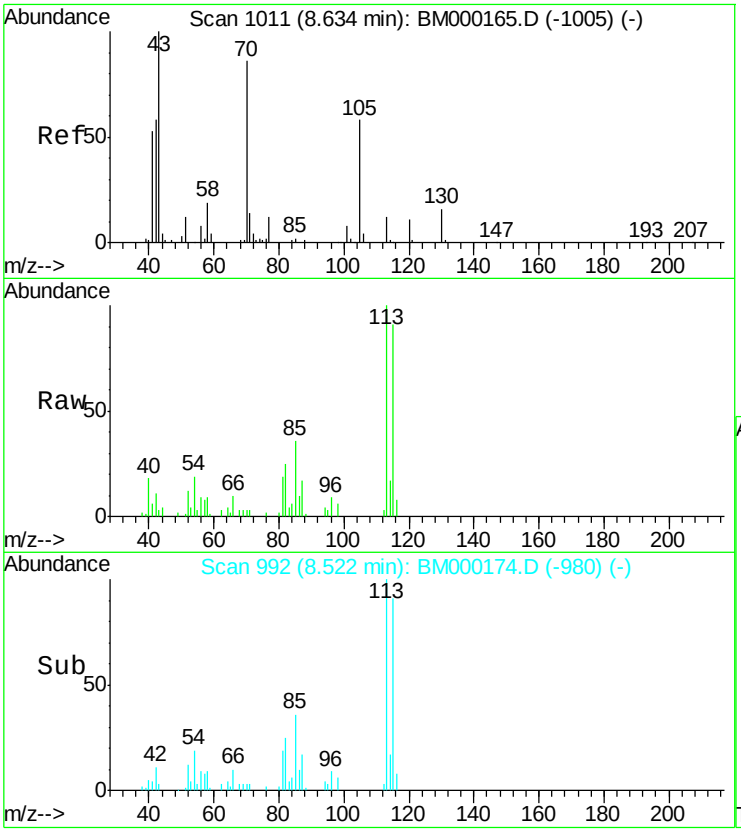




#6
Phenol
Concen: 0.18 ng/ul
RT: 7.02 min Scan# 737
Delta R.T. -0.01 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

Tgt Ion: 94 Resp: 1747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 45.4 | 27.4 | 41.0# |
| 66 | 65.2 | 42.5 | 63.7# |



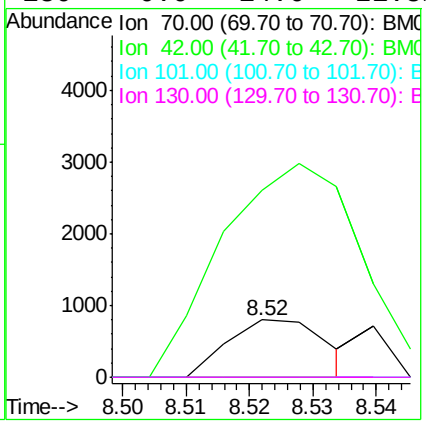


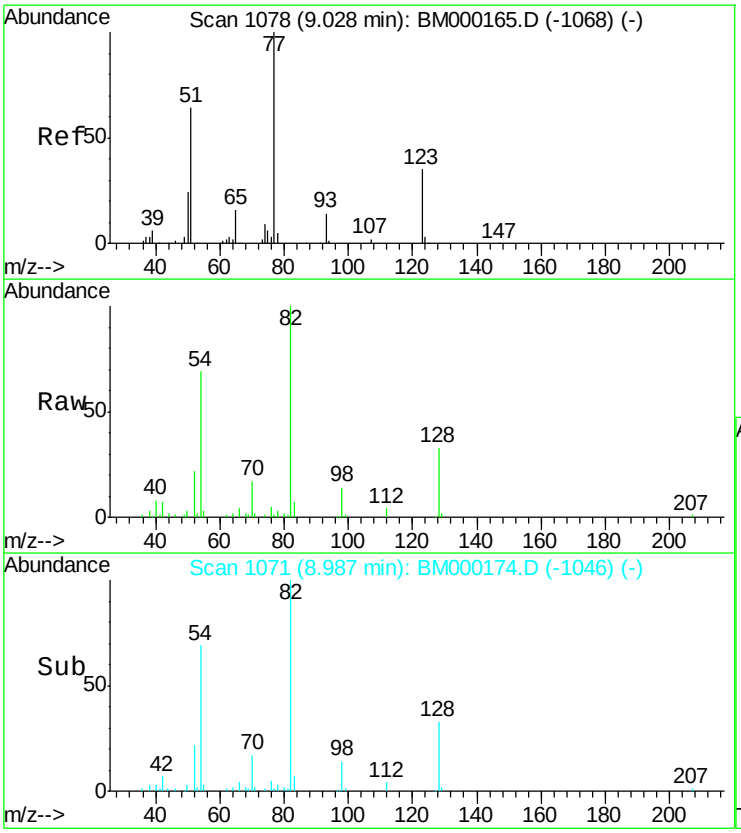

#15
N-Nitroso-di-n-propylamine
Concen: 0.13 ng/ul
RT: 8.52 min Scan# 992
Delta R.T. -0.13 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Tgt Ion: 70 Resp: 861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 324.5 | 46.4 | 69.6# |
| 101 | 0.0 | 7.8 | 11.8# |
| 130 | 0.0 | 14.6 | 21.8# |

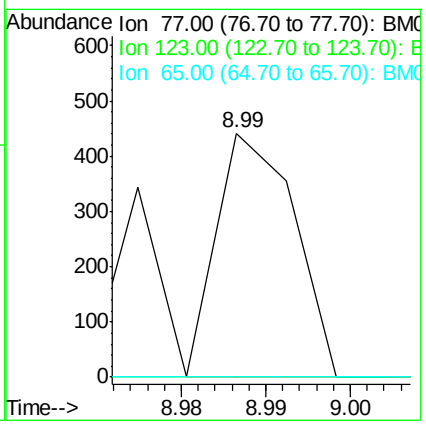


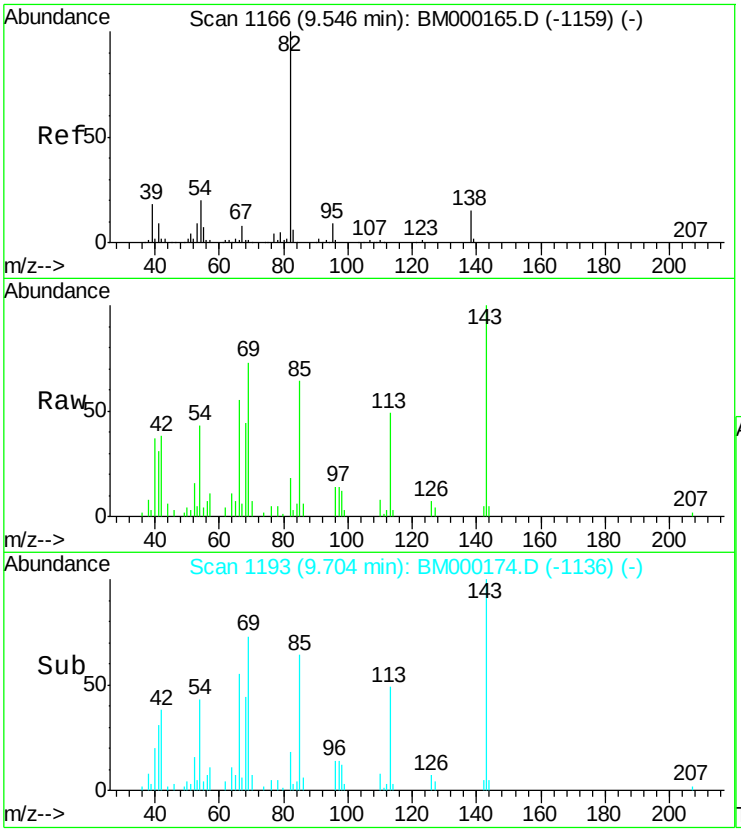




#20
Nitrobenzene
Concen: 0.03 ng/ul
RT: 8.99 min Scan# 1071
Delta R.T. -0.06 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

Tgt Ion: 77 Resp: 281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 29.2 | 43.8# |
| 65 | 0.0 | 12.4 | 18.6# |



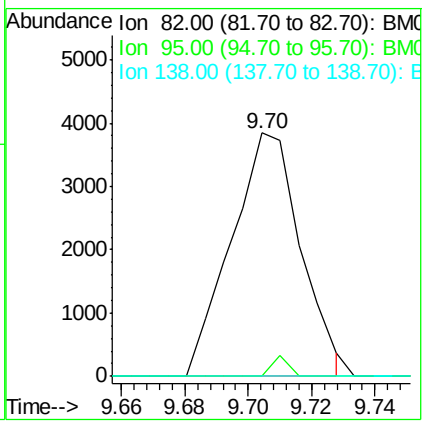


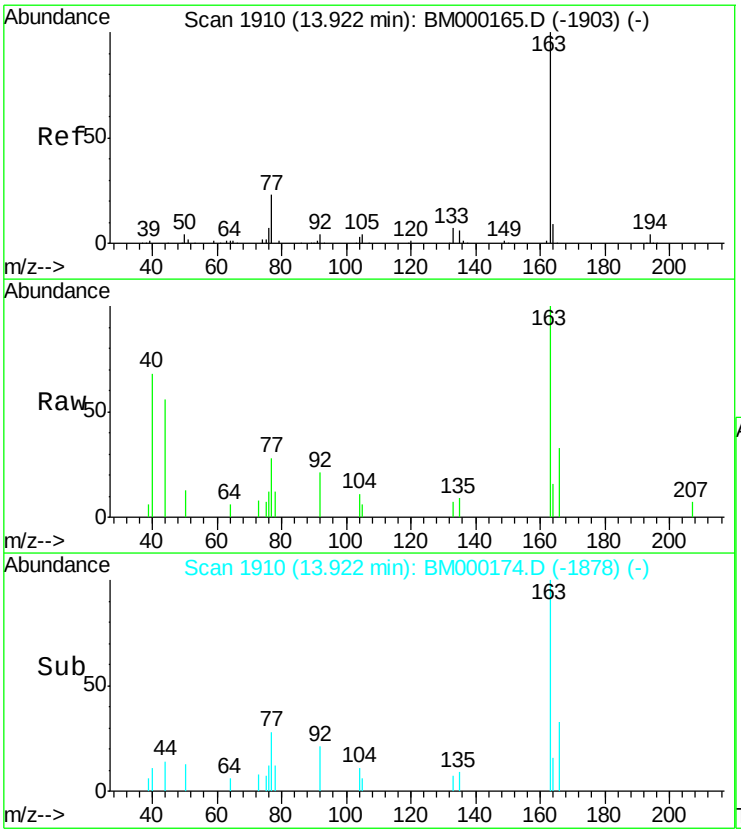

#21
Isophorone
Concen: 0.32 ng/ul
RT: 9.70 min Scan# 1193
Delta R.T. 0.14 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Tgt Ion: 82 Resp: 5837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 6.9 | 10.3# |
| 138 | 0.0 | 12.1 | 18.1# |

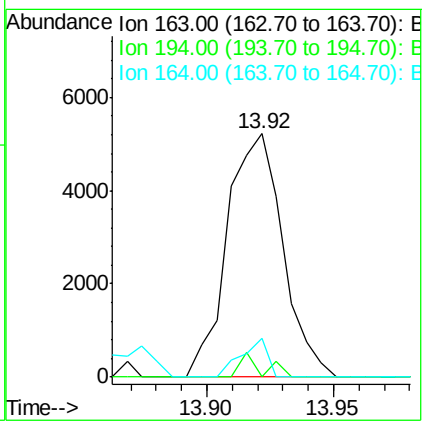


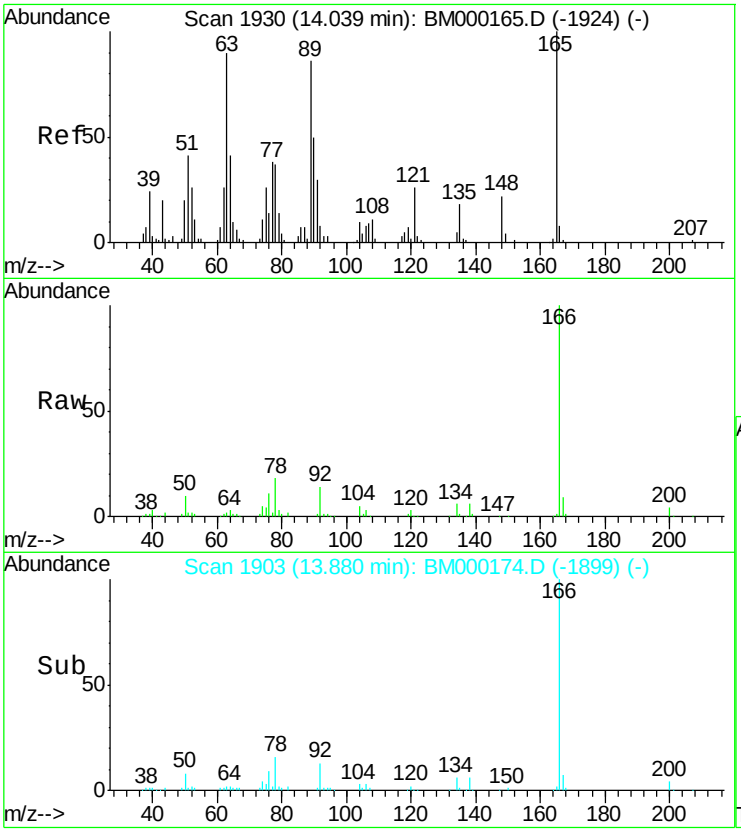




#44
Dimethylphthalate
Concen: 0.36 ng/ul
RT: 13.92 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

Tgt Ion:163 Resp: 7943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 0.0 | 3.0 | 4.4# |
| 164 | 15.8 | 8.5 | 12.7# |



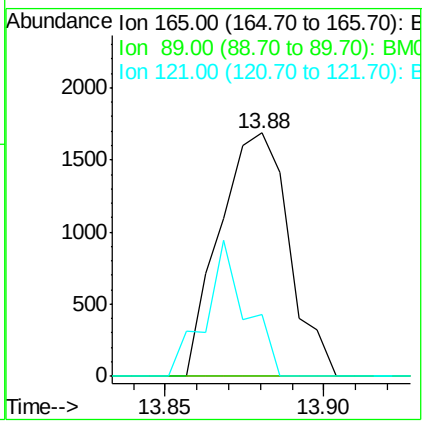


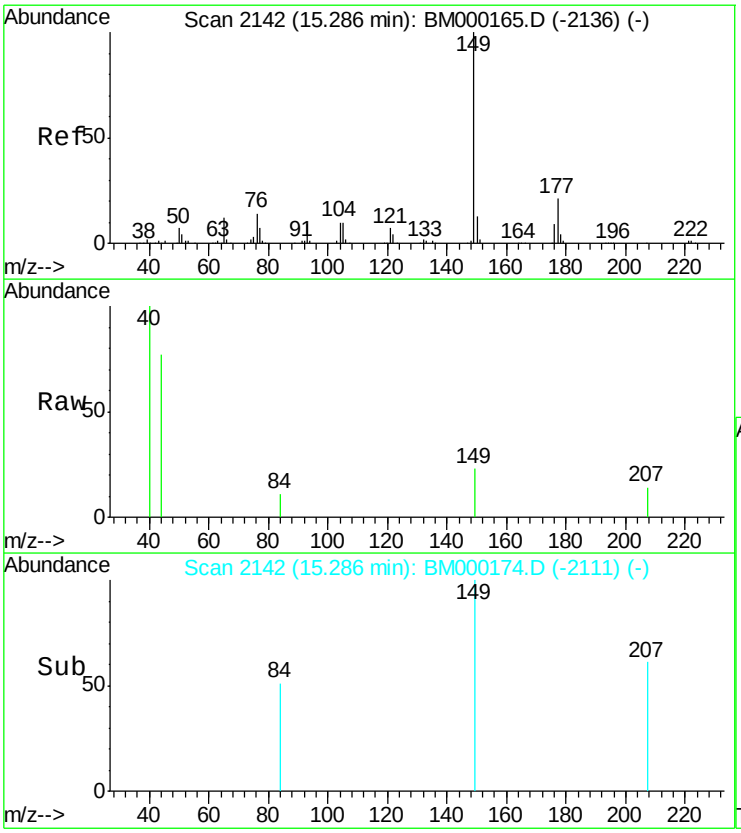

#45
2,6-Dinitrotoluene
Concen: 0.64 ng/ul
RT: 13.88 min Scan# 1903
Delta R.T. -0.18 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Tgt Ion:165 Resp: 2550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 54.4 | 81.6# |
| 121 | 25.5 | 18.6 | 28.0 |

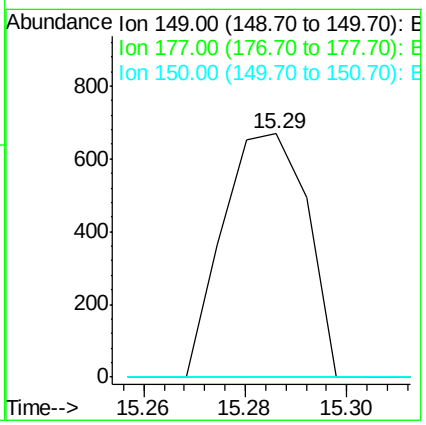


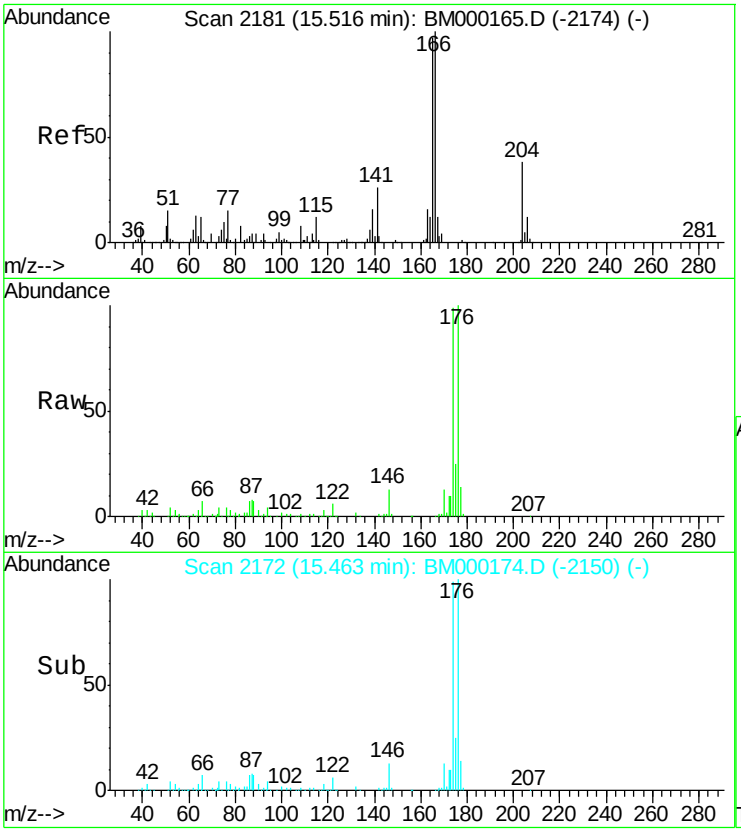




#56
Diethylphthalate
Concen: 0.03 ng/ul
RT: 15.29 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

Tgt Ion:149 Resp: 769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 0.0 | 17.4 | 26.2# |
| 150 | 0.0 | 10.5 | 15.7# |



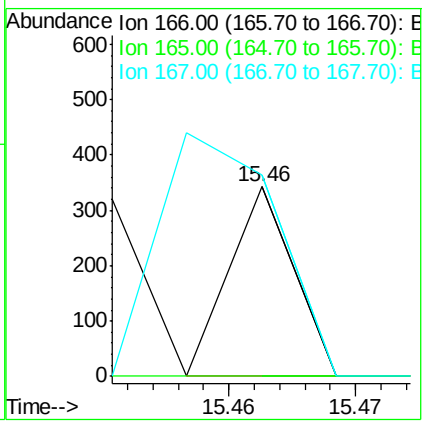


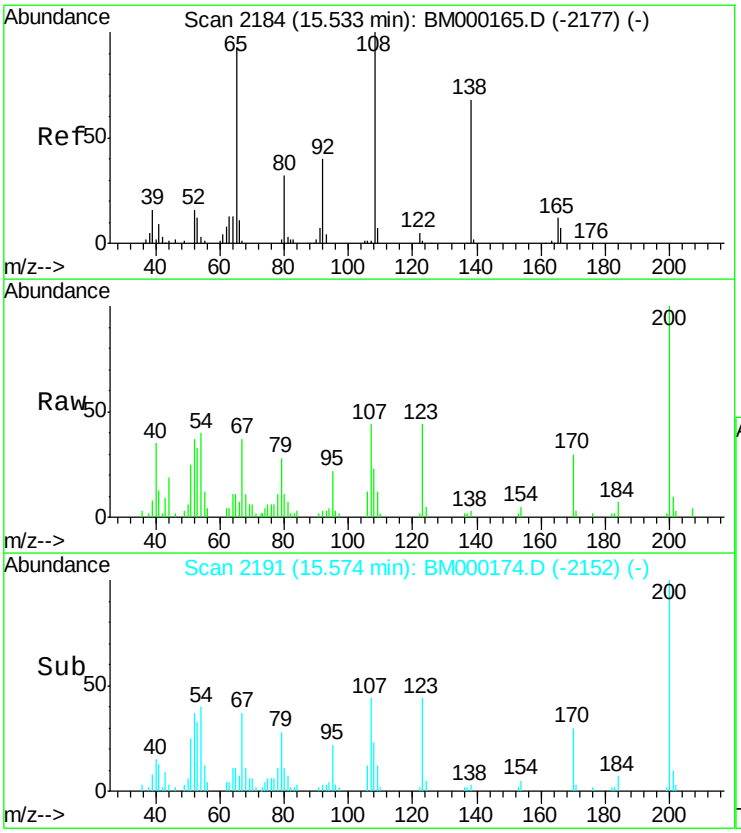

#58
Fluorene
Concen: 0.01 ng/ul
RT: 15.46 min Scan# 2172
Delta R.T. -0.07 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Tgt Ion:166 Resp: 121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 0.0 | 76.0 | 114.0# |
| 167 | 106.4 | 10.2 | 15.4# |

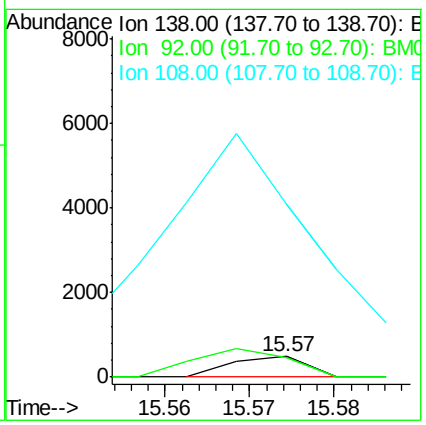


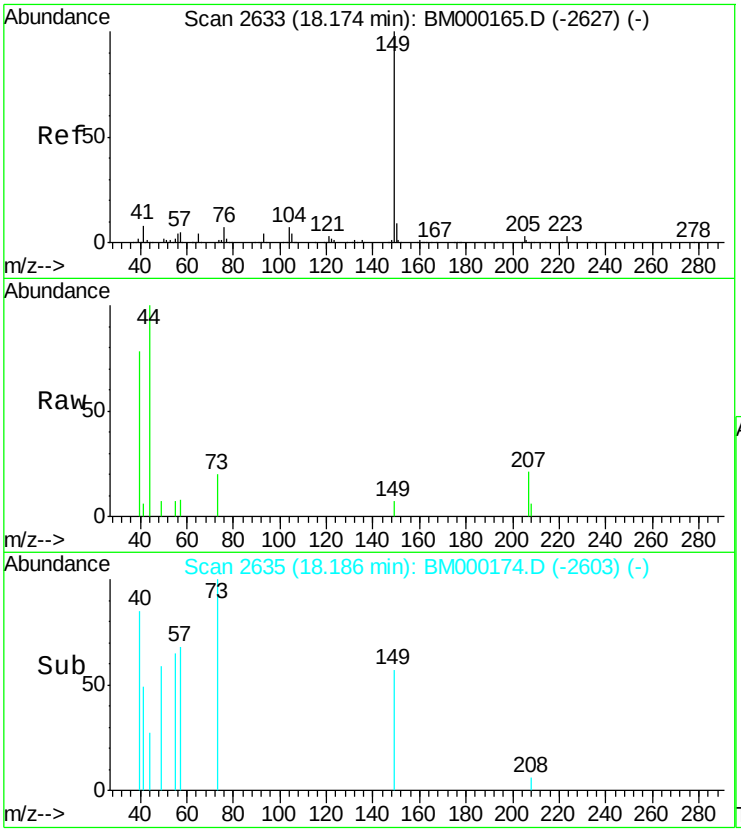




#60
4-Nitroaniline
Concen: 0.07 ng/ul
RT: 15.57 min Scan# 2191
Delta R.T. 0.03 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

Tgt Ion:138 Resp: 309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 95.9 | 49.3 | 73.9# |
| 108 | 830.0 | 110.3 | 165.5# |



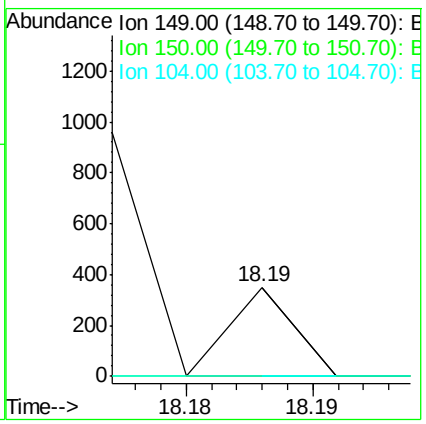


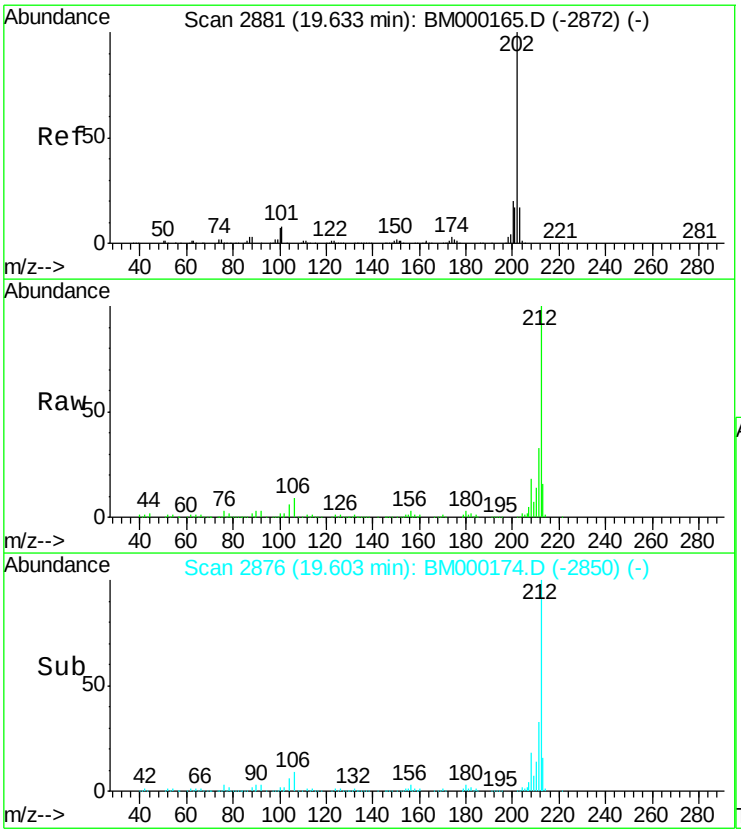

#73
Di-n-butylphthalate
Concen: 0.00 ng/ul
RT: 18.19 min Scan# 2635
Delta R.T. -0.01 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Tgt Ion:149 Resp: 124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 7.1 | 10.7# |
| 104 | 0.0 | 4.8 | 7.2# |

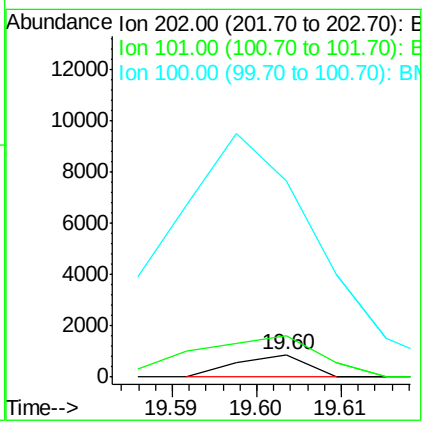


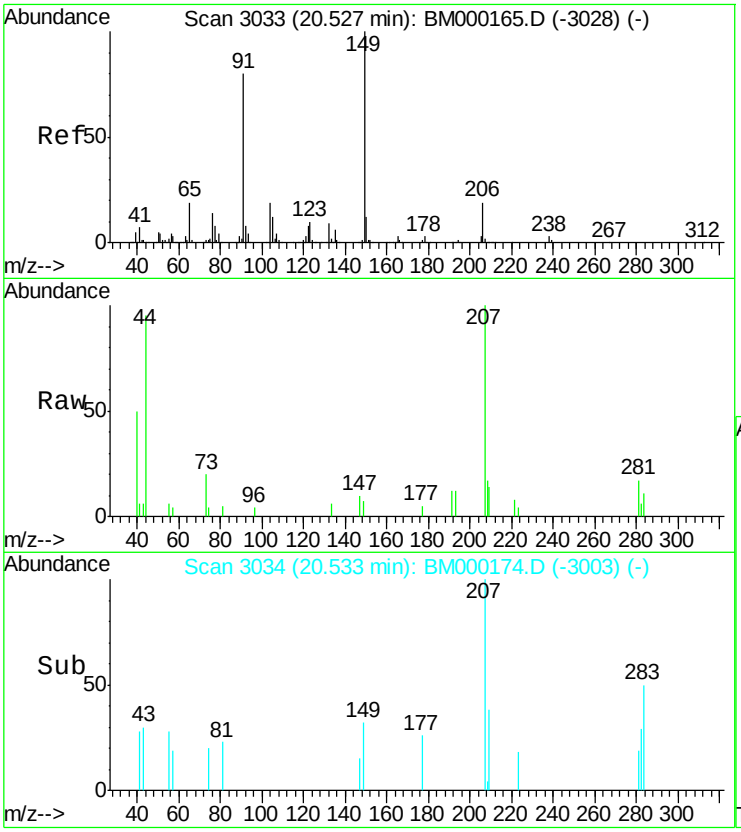




#77
Pyrene
Concen: 0.01 ng/ul
RT: 19.60 min Scan# 2876
Delta R.T. -0.05 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

Tgt Ion:202 Resp: 497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 188.2 | 6.9 | 10.3# |
| 100 | 886.3 | 5.5 | 8.3# |



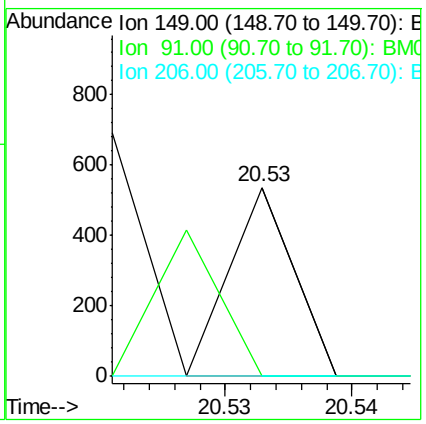


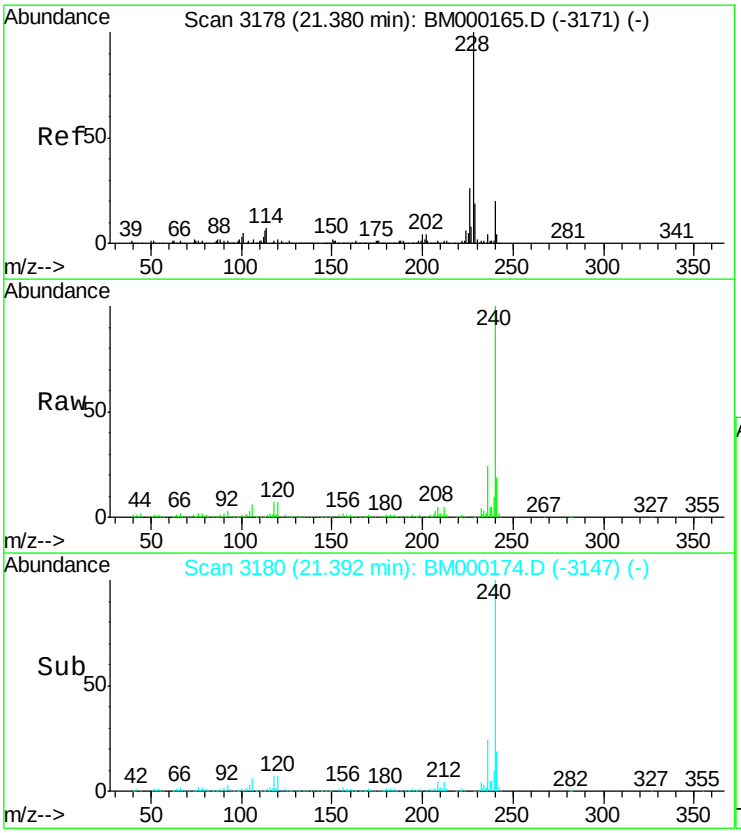

#78
Butylbenzylphthalate
Concen: 0.01 ng/ul
RT: 20.53 min Scan# 3034
Delta R.T. -0.02 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Tgt Ion:149 Resp: 190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 0.0 | 56.6 | 84.8# |
| 206 | 0.0 | 16.8 | 25.2# |

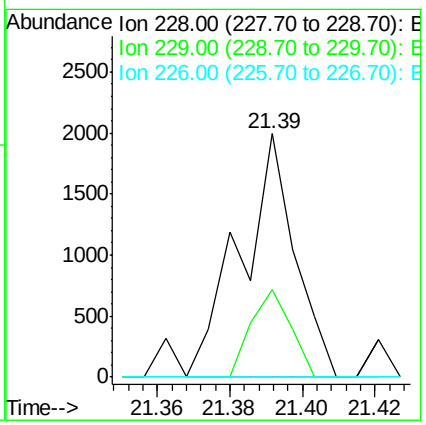


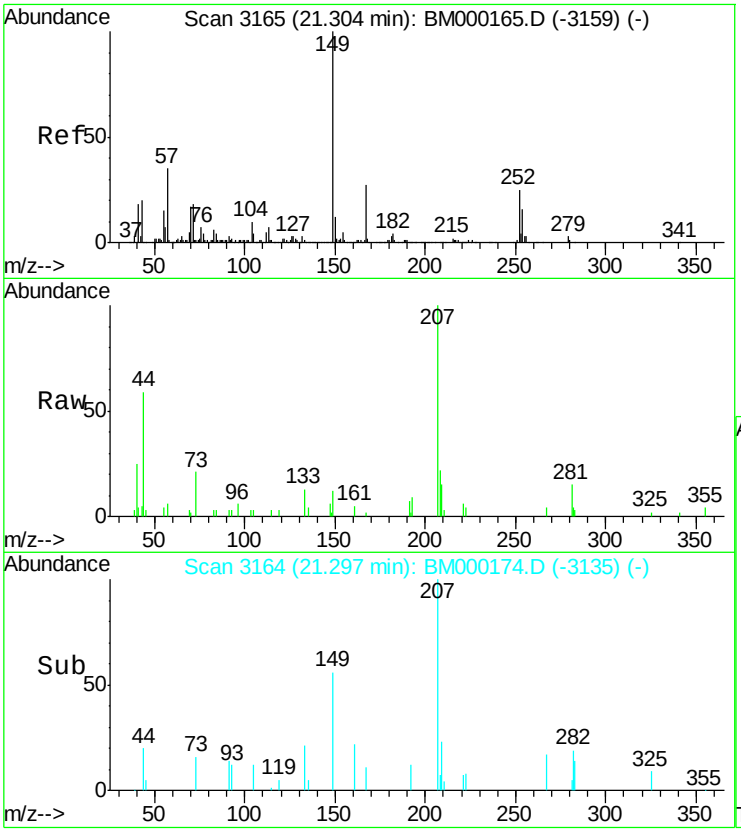




#80
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.39 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

Tgt Ion:228 Resp: 2085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 36.1 | 15.8 | 23.8# |
| 226 | 0.0 | 20.7 | 31.1# |



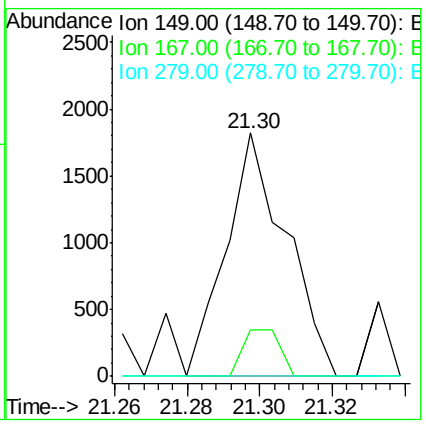


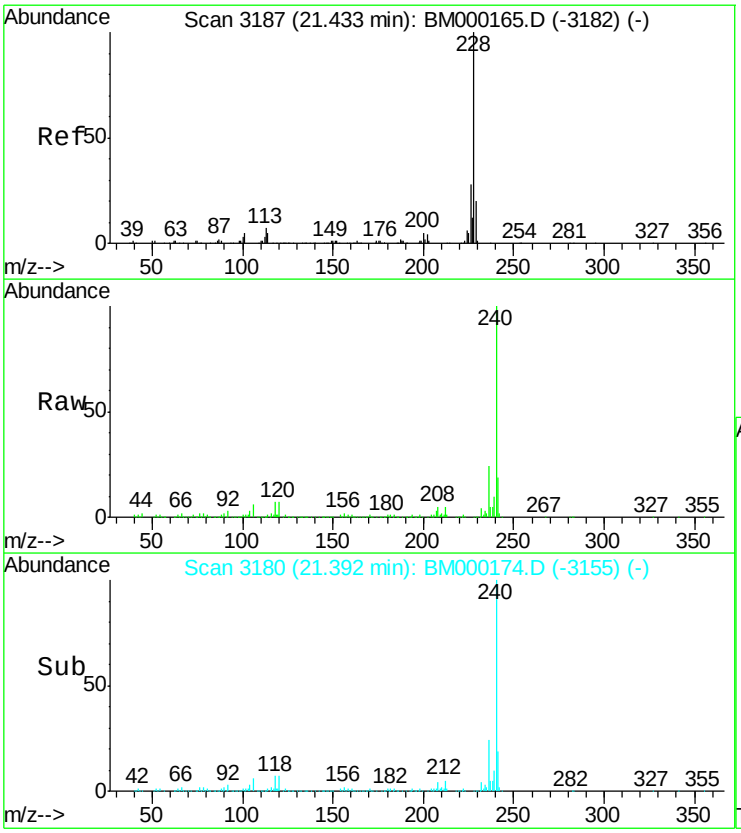

#81
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Tgt Ion:149 Resp: 2110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 19.2 | 22.1 | 33.1# |
| 279 | 0.0 | 3.0 | 4.6# |

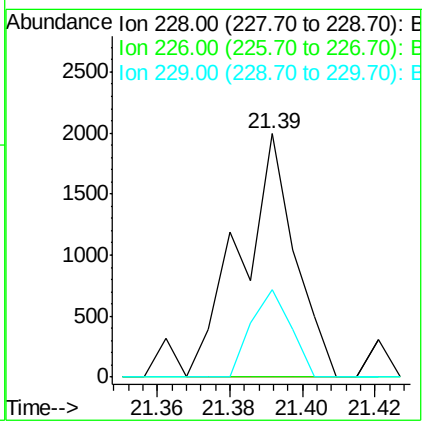


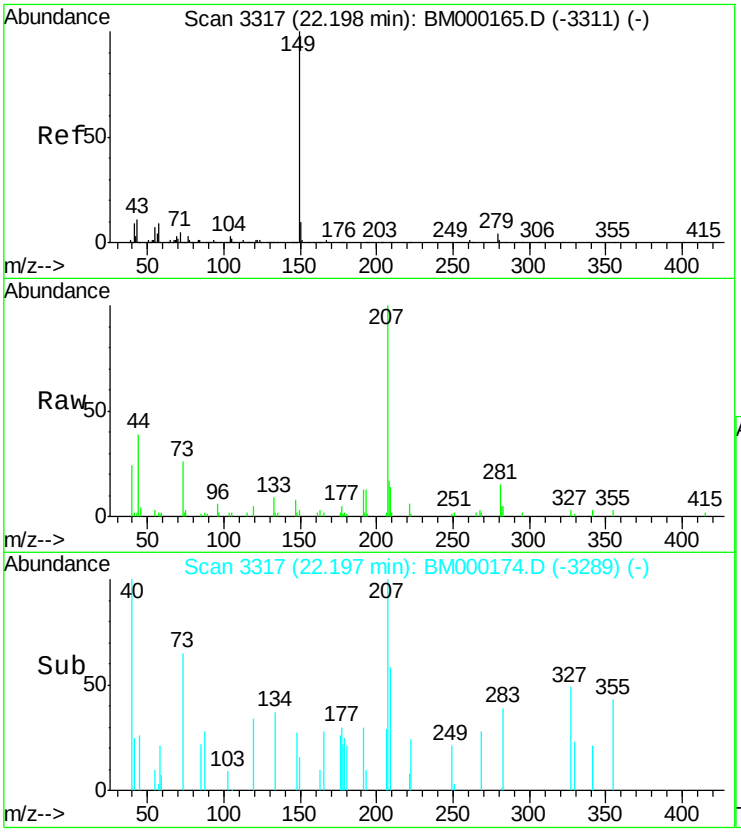




#82
Chrysene
Concen: 0.06 ng/ul
RT: 21.39 min Scan# 3180
Delta R.T. -0.05 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

Tgt Ion:228 Resp: 2085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 23.0 | 34.4# |
| 229 | 36.1 | 15.6 | 23.4# |

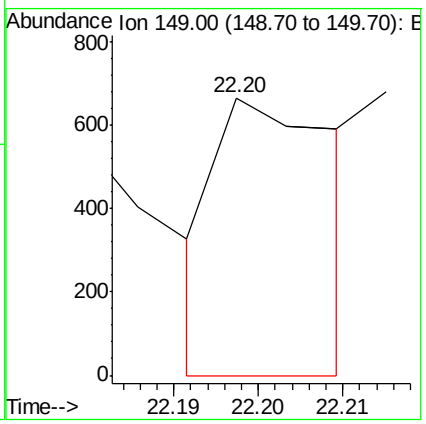


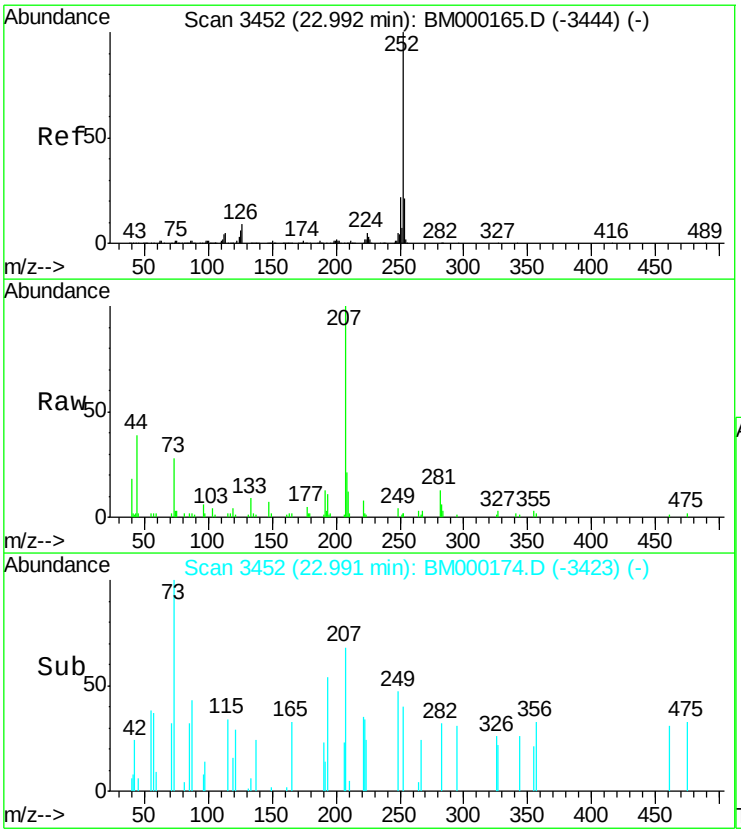



#84
Di-n-octyl phthalate
Concen: 0.01 ng/ul
RT: 22.20 min Scan# 3317
Delta R.T. -0.03 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Tgt Ion:149 Resp: 653

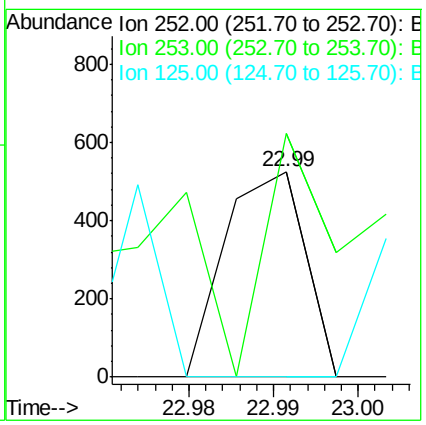


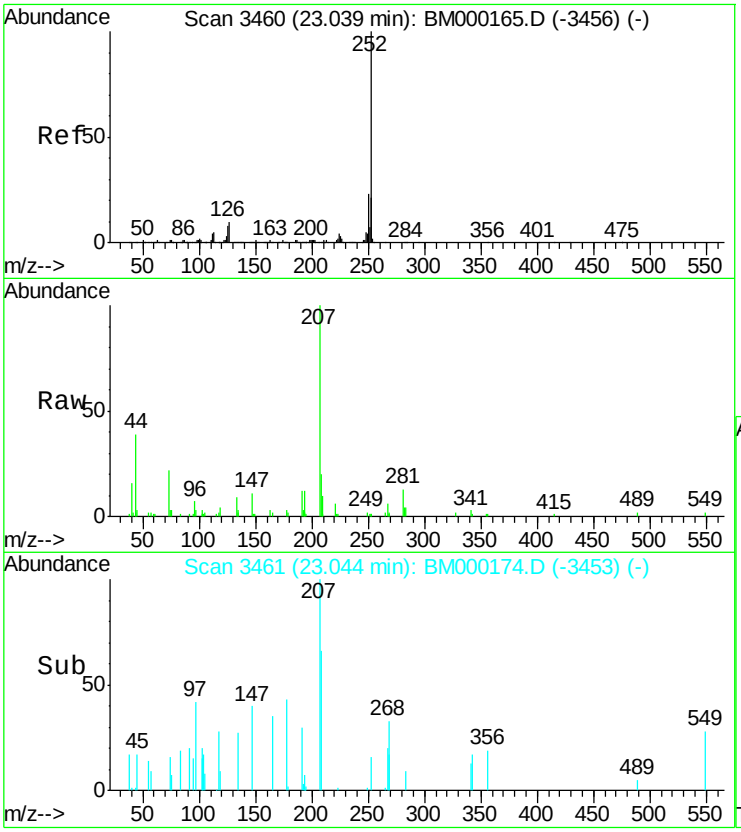




#85
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 22.99 min Scan# 3452
Delta R.T. -0.03 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

Tgt Ion:252 Resp: 347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 118.7 | 17.1 | 25.7# |
| 125 | 0.0 | 4.8 | 7.2# |



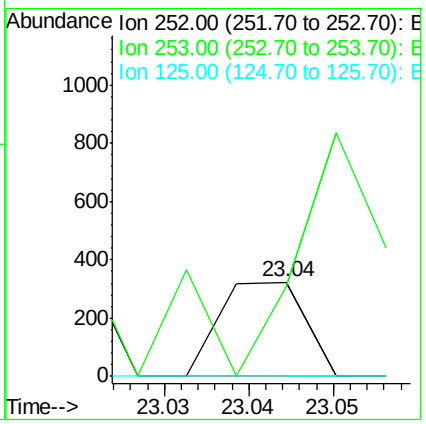


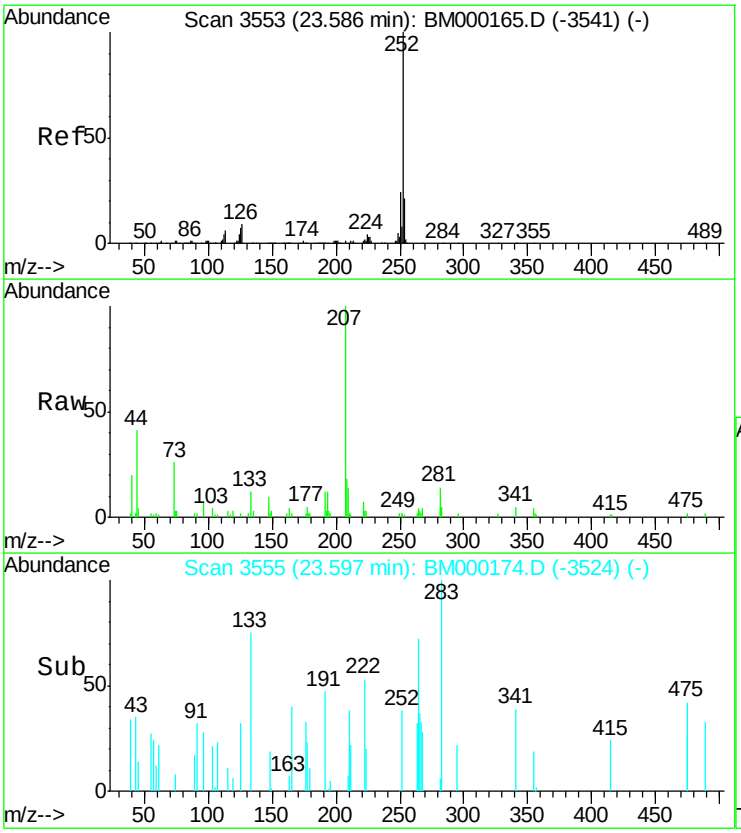

#86
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 23.04 min Scan# 3461
Delta R.T. -0.02 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

**Instrument :**
BNA_M
**ClientSampleId :**
C0AN6DL

Tgt Ion:252 Resp: 227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 96.0 | 17.2 | 25.8# |
| 125 | 0.0 | 4.9 | 7.3# |




#88
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 23.60 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BM000174.D
Acq: 13 Jan 2015 18:14

Tgt Ion:252 Resp: 319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 74.2 | 17.0 | 25.6# |
| 125 | 83.0 | 5.8 | 8.6# |