Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
Data File : BM000168.D
Acq On : 13 Jan 2015 14:41
Operator : TP/IZ
Sample : G1063-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AJ7

Quant Time: Jan 14 12:56:36 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 | 121356 | 20.00 | ng/ul | -0.03 |
| 18) Naphthalene-d8 | 10.62 | 136 | 474347 | 20.00 | ng/ul | -0.02 |
| 35) Acenaphthene-d10 | 14.47 | 164 | 324110 | 20.00 | ng/ul | -0.01 |
| 61) Phenanthrene-d10 | 17.21 | 188 | 646931 | 20.00 | ng/ul | -0.02 |
| 75) Chrysene-d12 | 21.40 | 240 | 732949 | 20.00 | ng/ul | -0.01 |
| 83) Perylene-d12 | 23.69 | 264 | 706226 | 20.00 | ng/ul | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 4360 | 2.08 | ng/uL | -0.03 |
| 5) Phenol-d5 | 6.99 | 99 | 27868 | 2.73 | ng/ul | -0.02 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.16 | 67 | 77108 | 11.95 | ng/ul | -0.02 |
| 9) 2-Chlorophenol-d4 | 7.36 | 132 | 76846 | 10.27 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.53 | 113 | 47334 | 5.83 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 8.99 | 128 | 40410 | 12.32 | ng/ul | -0.02 |
| 22) 2-Nitrophenol-d4 | 9.71 | 143 | 42561 | 12.71 | ng/ul | -0.02 |
| 26) 2,4-Dichlorophenol-d3 | 10.24 | 165 | 85249 | 11.52 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 10.76 | 131 | 5074 | 0.60 | ng/ul | -0.02 |
| 43) Dimethylphthalate-d6 | 13.87 | 166 | 356989 | 14.93 | ng/ul | -0.01 |
| 46) Acenaphthylene-d8 | 14.16 | 160 | 389124 | 13.59 | ng/ul | -0.02 |
| 51) 4-Nitrophenol-d4 | 14.66 | 143 | 7774 | 2.00 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.46 | 176 | 309991 | 15.10 | ng/ul | -0.02 |
| 62) 4,6-Dinitro-2-methylphenol | 15.57 | 200 | 34264 | 11.18 | ng/ul | -0.02 |
| 70) Anthracene-d10 | 17.30 | 188 | 501641 | 16.77 | ng/ul | -0.01 |
| 76) Pyrene-d10 | 19.60 | 212 | 582738 | 17.23 | ng/ul | -0.01 |
| 87) Benzo(a)pyrene-d12 | 23.54 | 264 | 422539 | 13.18 | ng/ul | -0.03 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.35 | 88 | 4894 | 1.69 | ng/uL | 94 |
| 6) Phenol | 7.02 | 94 | 6826 | 0.63 | ng/ul# | 88 |
| 8) Bis(2-Chloroethyl)ether | 7.26 | 93 | 139 | 0.02 | ng/ul# | 16 |
| 15) N-Nitroso-di-n-propylamine | 8.53 | 70 | 1473 | 0.20 | ng/ul# | 1 |
| 21) Isophorone | 9.71 | 82 | 5401 | 0.29 | ng/ul# | 68 |
| 44) Dimethylphthalate | 13.92 | 163 | 11668 | 0.49 | ng/ul# | 92 |
| 45) 2,6-Dinitrotoluene | 13.88 | 165 | 2285 | 0.54 | ng/ul# | 37 |
| 56) Diethylphthalate | 15.29 | 149 | 3784 | 0.15 | ng/ul# | 87 |
| 58) Fluorene | 15.46 | 166 | 1210 | 0.05 | ng/ul# | 10 |
| 64) N-Nitrosodiphenylamine | 15.58 | 169 | 179 | 0.01 | ng/ul# | 25 |
| 69) Phenanthrene | 17.25 | 178 | 1095 | 0.03 | ng/ul# | 64 |
| 71) Anthracene | 17.25 | 178 | 1095 | 0.03 | ng/ul# | 63 |
| 72) Carbazole | 17.62 | 167 | 278 | 0.01 | ng/ul# | 60 |
| 73) Di-n-butylphthalate | 18.17 | 149 | 3546 | 0.09 | ng/ul# | 78 |
| 74) Fluoranthene | 19.27 | 202 | 1680 | 0.04 | ng/ul# | 80 |
| 77) Pyrene | 19.63 | 202 | 2041 | 0.05 | ng/ul# | 61 |
| 78) Butylbenzylphthalate | 20.53 | 149 | 536 | 0.03 | ng/ul# | 65 |
| 80) Benzo(a)anthracene | 21.39 | 228 | 2630 | 0.06 | ng/ul# | 81 |
| 81) Bis(2-ethylhexyl)phthalate | 21.30 | 149 | 2502 | 0.10 | ng/ul# | 89 |
| 82) Chrysene | 21.43 | 228 | 1202 | 0.03 | ng/ul# | 51 |
| 84) Di-n-octyl phthalate | 22.22 | 149 | 727 | 0.02 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.99 | 252 | 934 | 0.02 | ng/ul# | 25 |
| 86) Benzo(k)fluoranthene | 23.03 | 252 | 431 | 0.01 | ng/ul# | 1 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
Data File : BM000168.D
Acq On : 13 Jan 2015 14:41
Operator : TP/IZ
Sample : G1063-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AJ7

Quant Time: Jan 14 12:56:36 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) |
|---|---|---|---|---|---|---|
| 88) Benzo(a)pyrene | 23.59 | 252 | 1181 | 0.03 | ng/ul# | 61 |

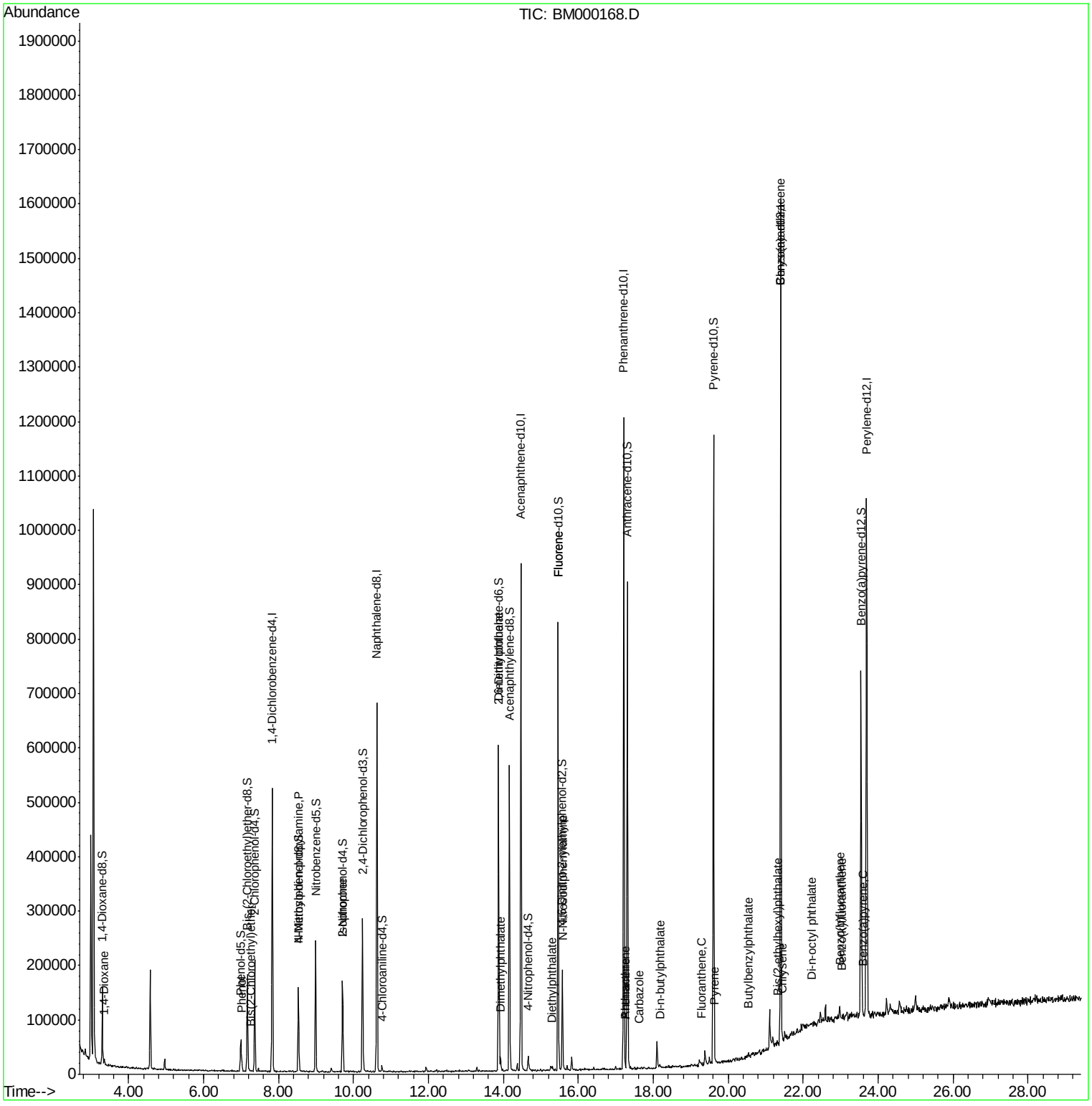
(#) = qualifier out of range (m) = manual integration (+) = signals summed

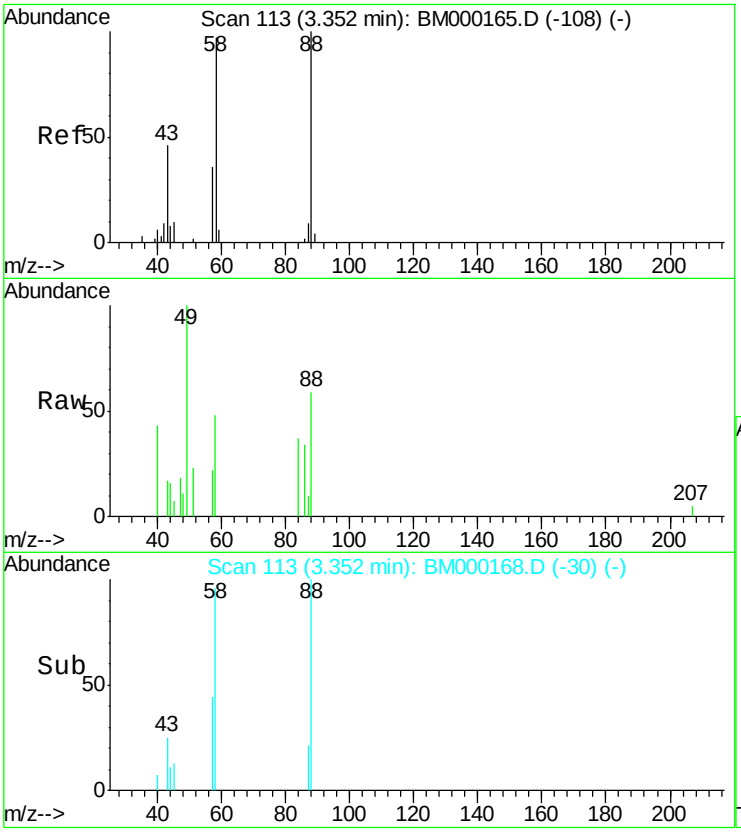
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011315\
Data File : BM000168.D
Acq On : 13 Jan 2015 14:41
Operator : TP/IZ
Sample : G1063-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Quant Time: Jan 14 12:56:36 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



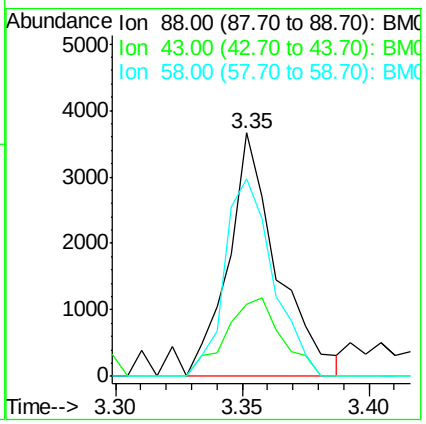


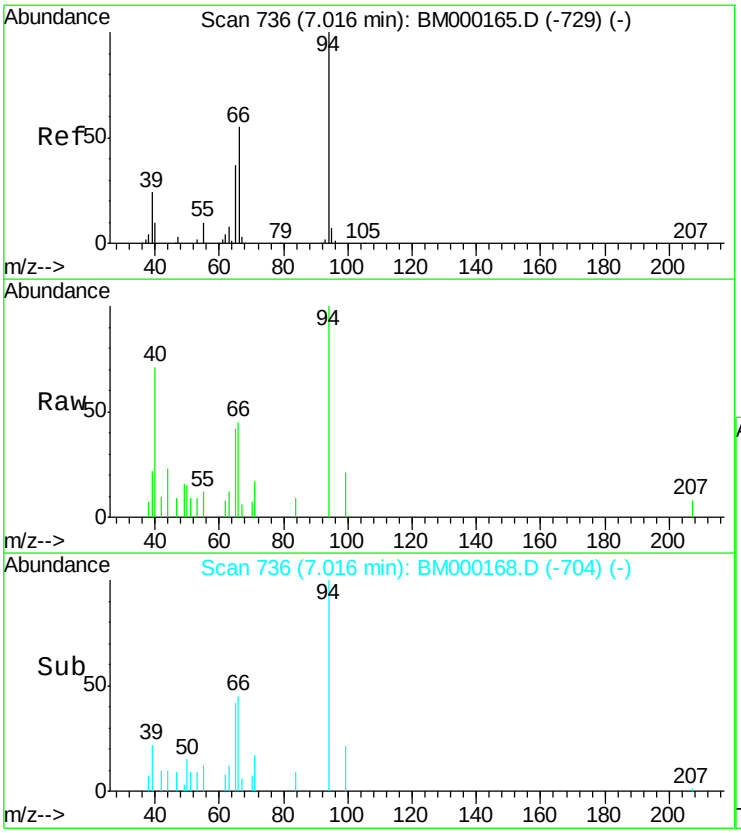

#2
1,4-Dioxane
Concen: 1.69 ng/uL
RT: 3.35 min Scan# 113
Delta R.T. -0.01 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion: 88 Resp: 4894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 36.9 | 34.9 | 52.3 |
| 58 | 81.1 | 67.3 | 100.9 |

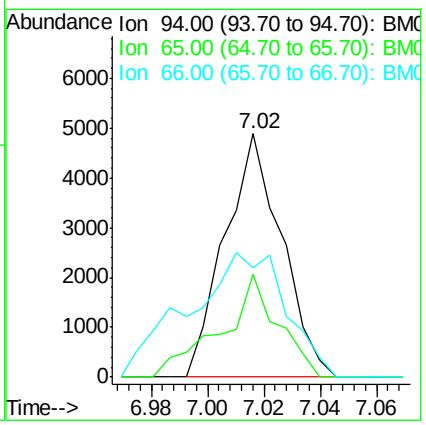


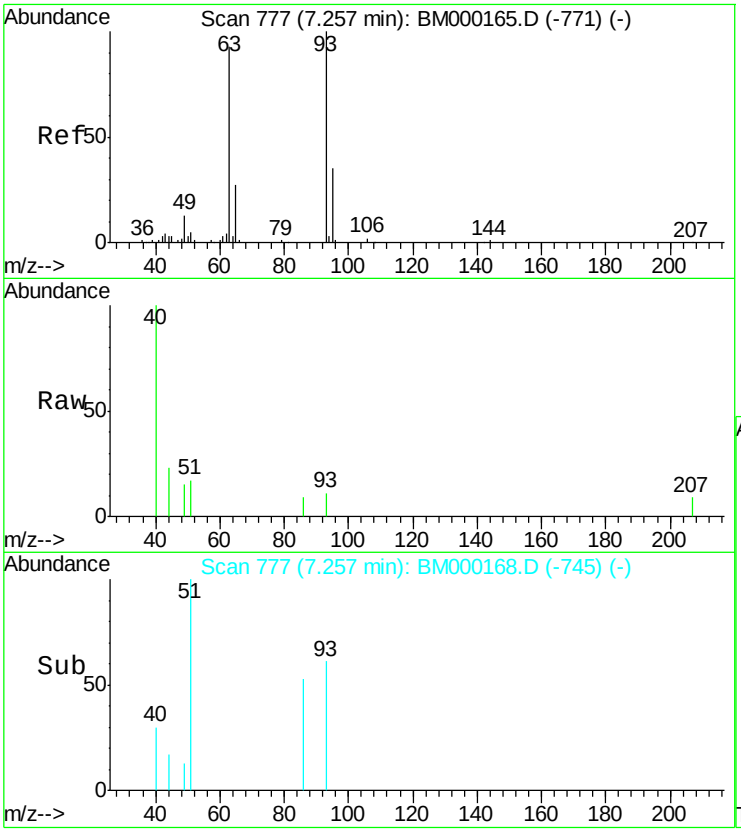




#6
Phenol
Concen: 0.63 ng/ul
RT: 7.02 min Scan# 736
Delta R.T. -0.01 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion: 94 Resp: 6826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 42.0 | 27.4 | 41.0# |
| 66 | 44.9 | 42.5 | 63.7 |



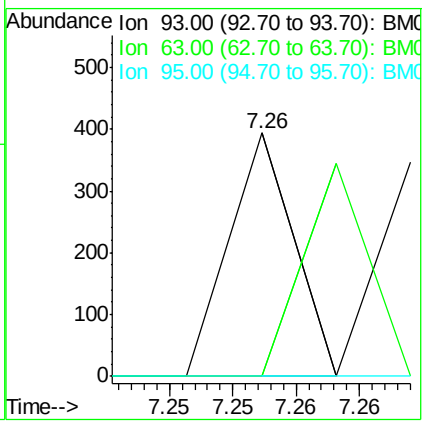


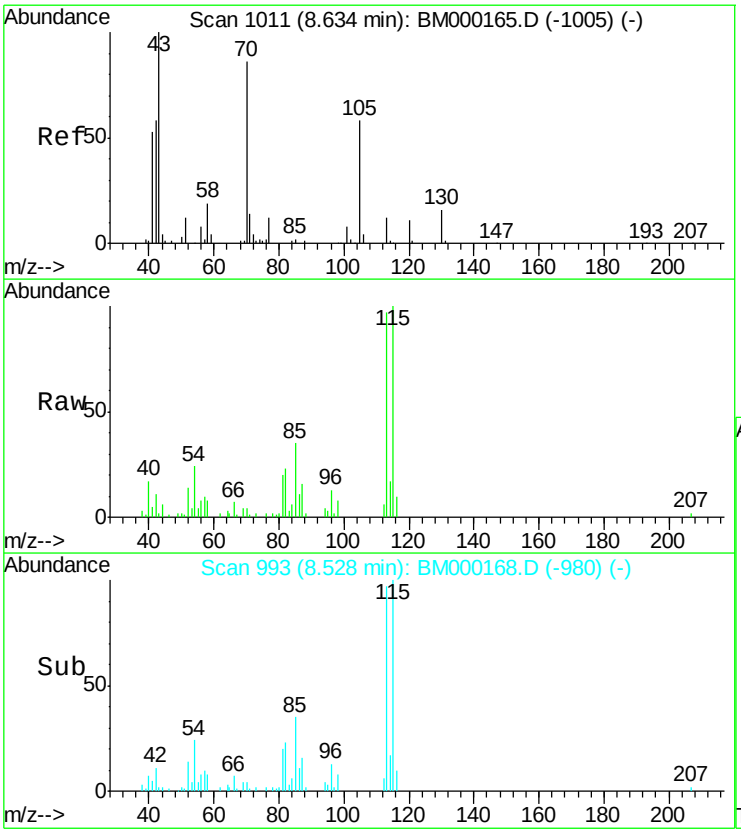

#8
Bis(2-Chloroethyl)ether
Concen: 0.02 ng/ul
RT: 7.26 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion: 93 Resp: 139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 0.0 | 68.9 | 103.3# |
| 95 | 0.0 | 24.6 | 37.0# |

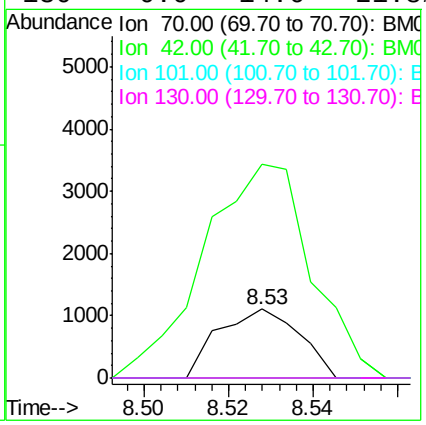


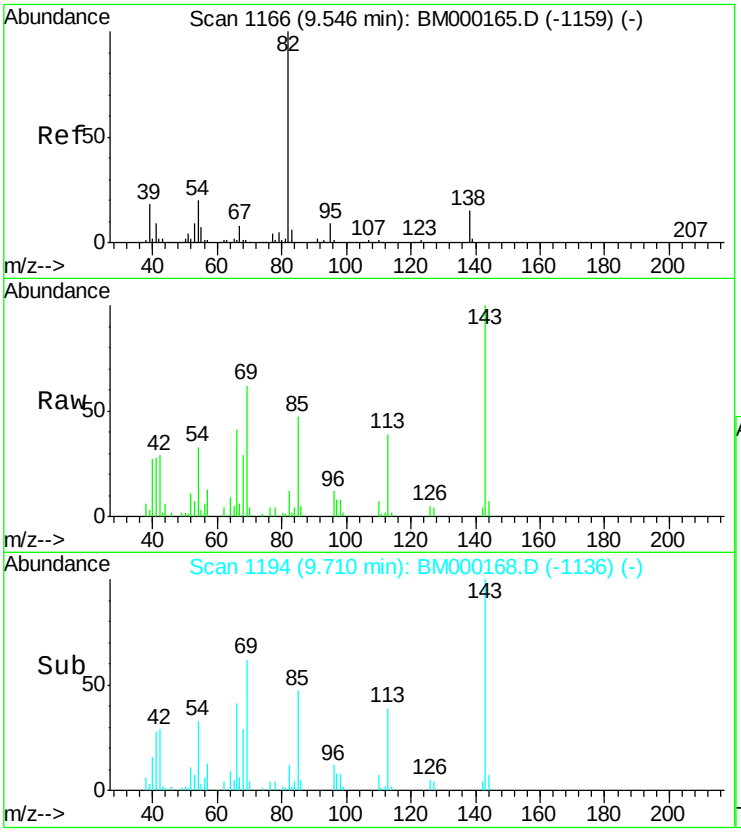




#15
N-Nitroso-di-n-propylamine
Concen: 0.20 ng/ul
RT: 8.53 min Scan# 993
Delta R.T. -0.13 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion: 70 Resp: 1473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 309.7 | 46.4 | 69.6# |
| 101 | 0.0 | 7.8 | 11.8# |
| 130 | 0.0 | 14.6 | 21.8# |



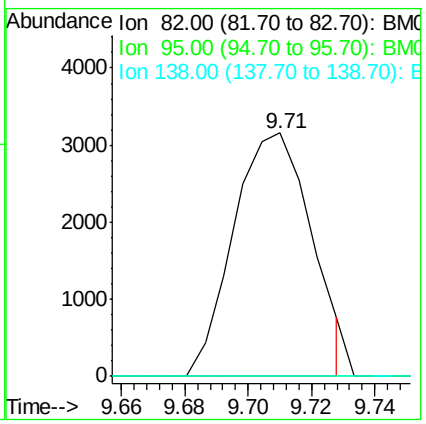


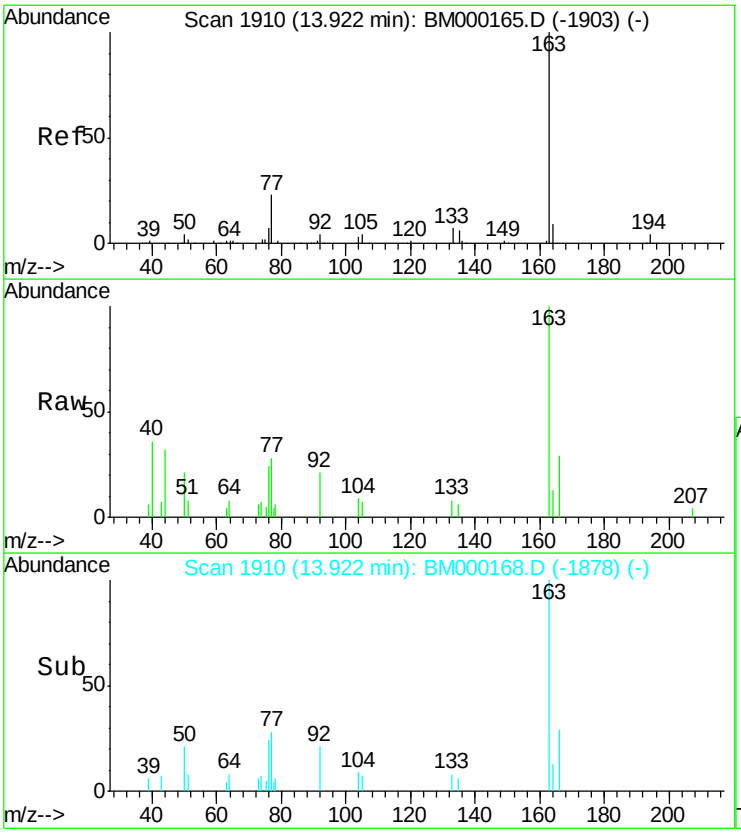

#21
Isophorone
Concen: 0.29 ng/ul
RT: 9.71 min Scan# 1194
Delta R.T. 0.14 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion: 82 Resp: 5401

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

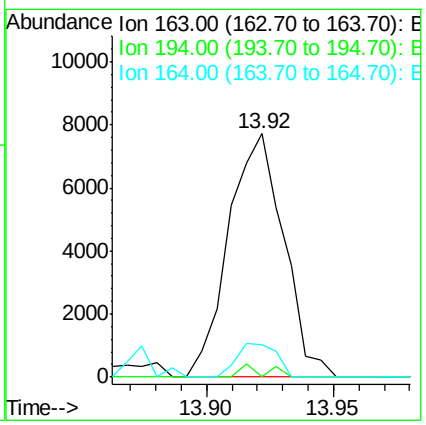


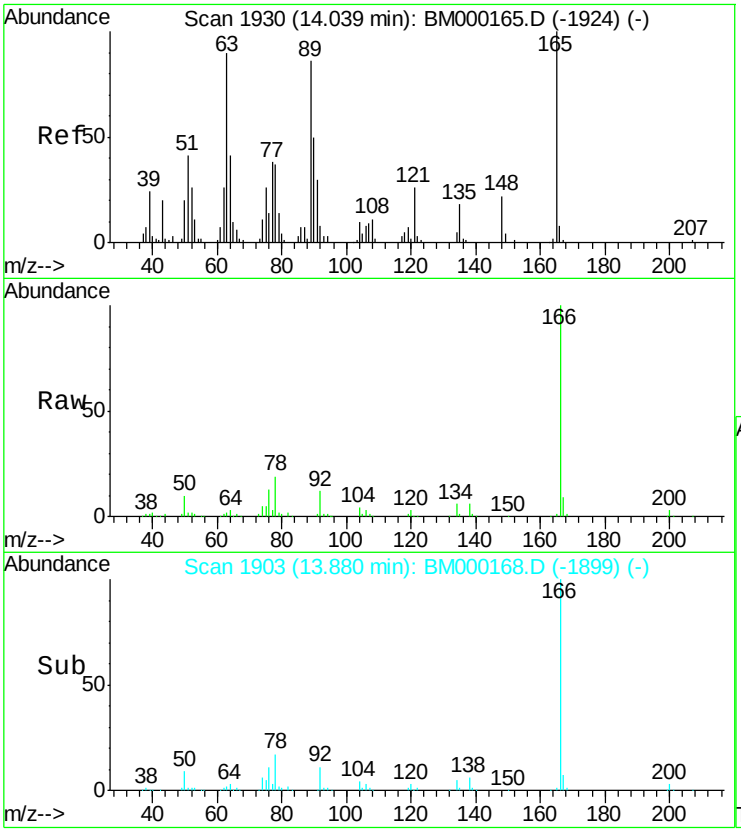




#44
Dimethylphthalate
Concen: 0.49 ng/ul
RT: 13.92 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion:163 Resp: 11668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 0.0 | 3.0 | 4.4# |
| 164 | 13.2 | 8.5 | 12.7# |



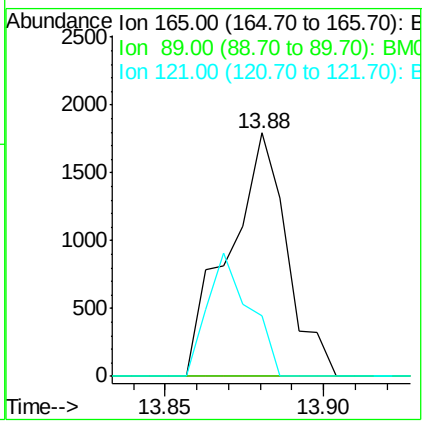


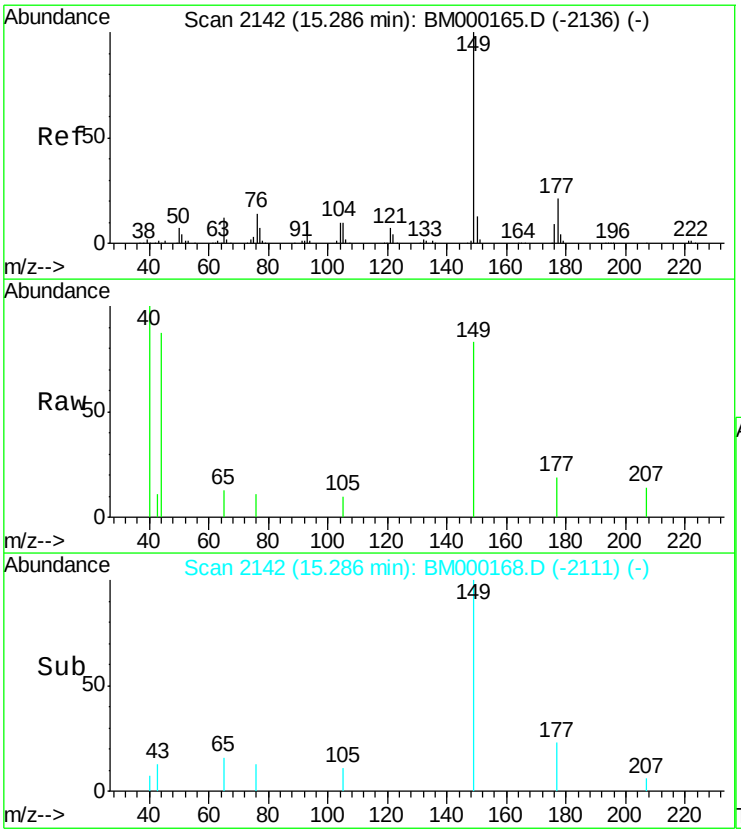

#45
2,6-Dinitrotoluene
Concen: 0.54 ng/ul
RT: 13.88 min Scan# 1903
Delta R.T. -0.18 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion:165 Resp: 2285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 54.4 | 81.6# |
| 121 | 24.7 | 18.6 | 28.0 |

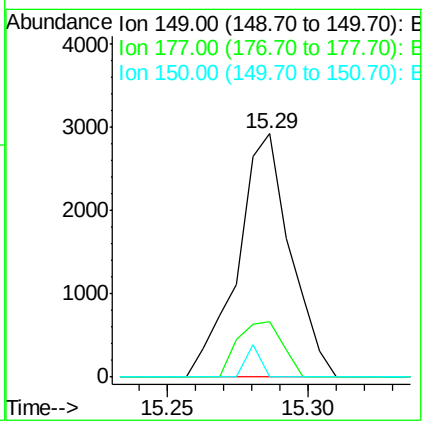


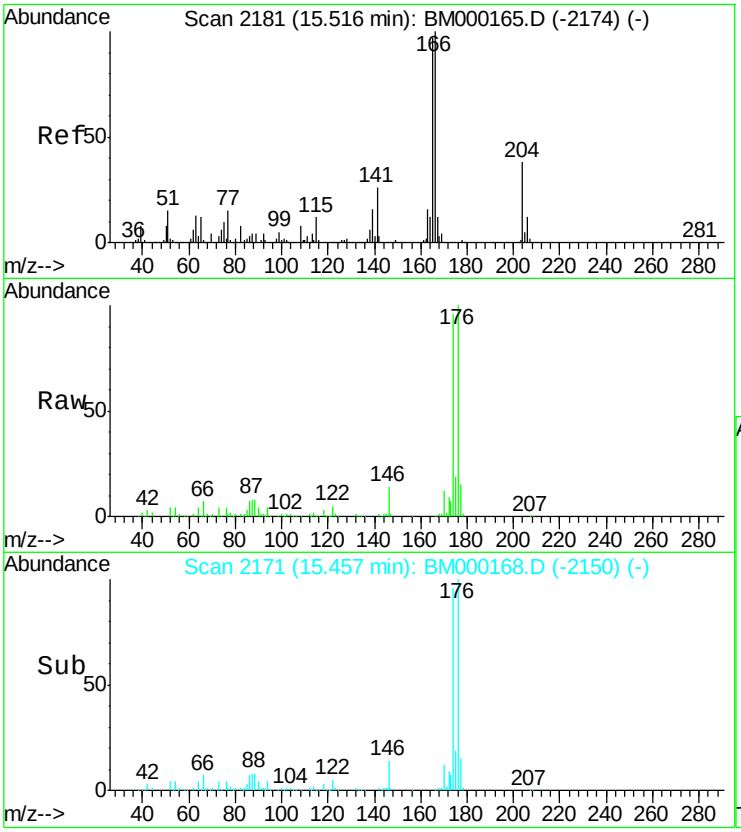




#56
Diethylphthalate
Concen: 0.15 ng/ul
RT: 15.29 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion:149 Resp: 3784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.5 | 17.4 | 26.2 |
| 150 | 0.0 | 10.5 | 15.7# |



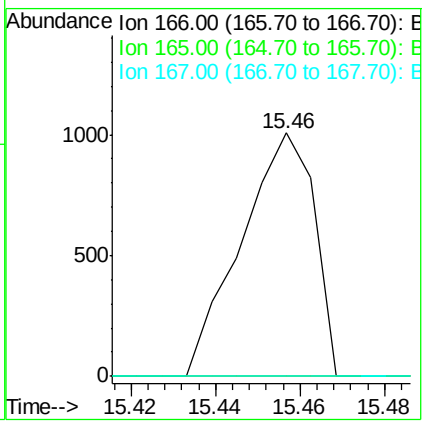


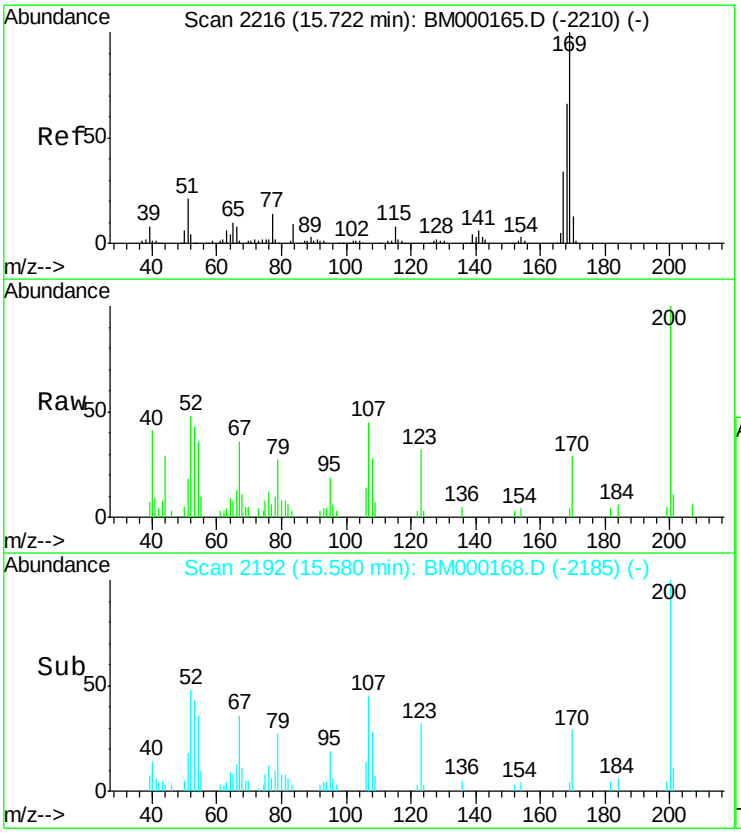

#58
Fluorene
Concen: 0.05 ng/ul
RT: 15.46 min Scan# 2171
Delta R.T. -0.08 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion:166 Resp: 1210

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

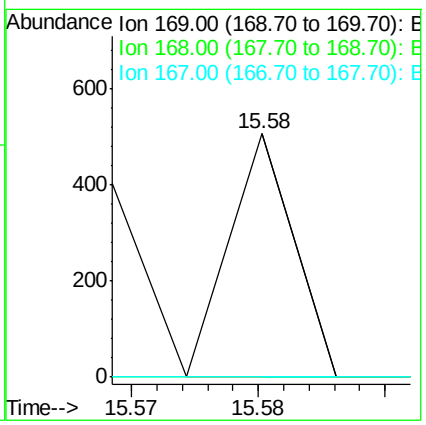


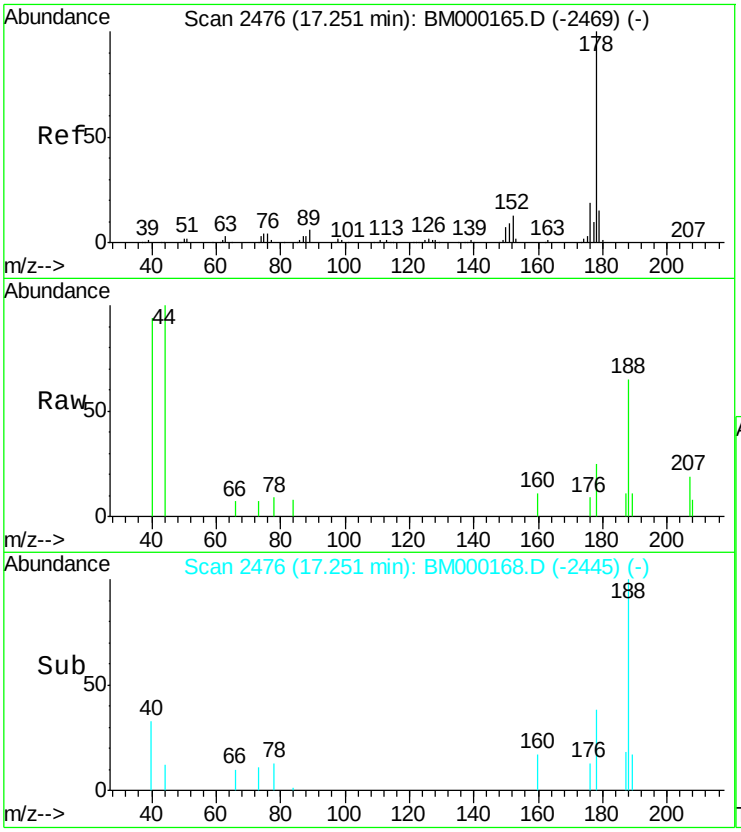




#64
N-Nitrosodiphenylamine
Concen: 0.01 ng/ul
RT: 15.58 min Scan# 2192
Delta R.T. -0.16 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion:169 Resp: 179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 0.0 | 51.8 | 77.6# |
| 167 | 0.0 | 28.1 | 42.1# |



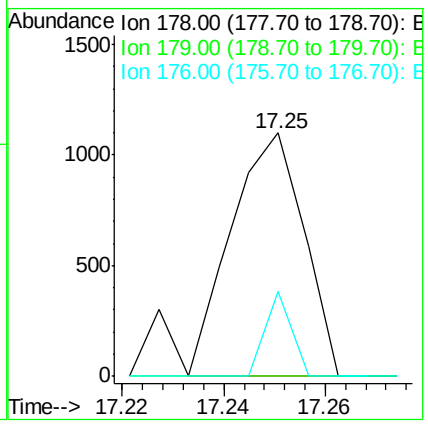


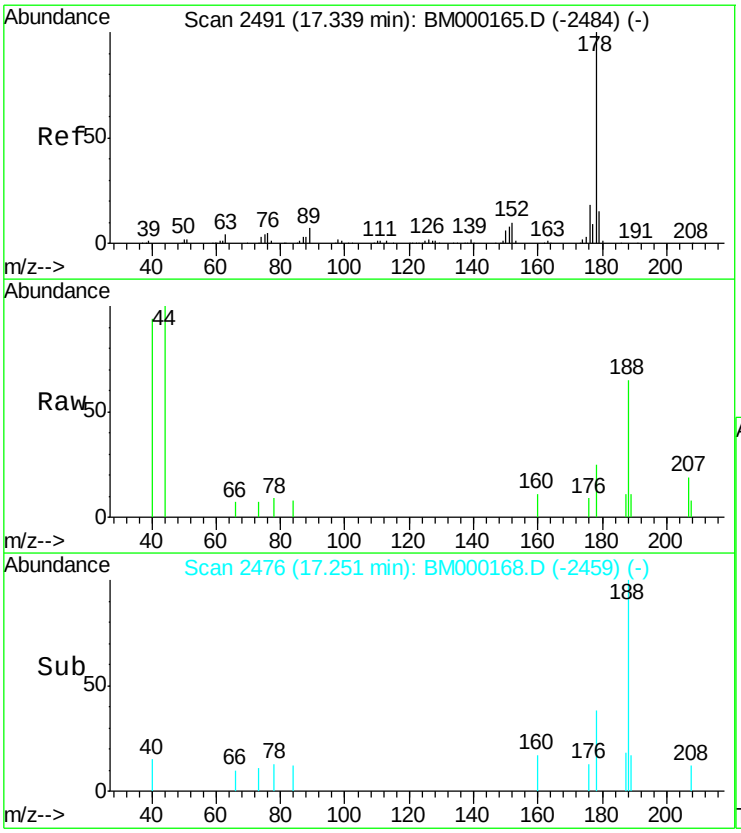

#69
Phenanthrene
Concen: 0.03 ng/ul
RT: 17.25 min Scan# 2476
Delta R.T. -0.02 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion:178 Resp: 1095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 0.0 | 11.6 | 17.4# |
| 176 | 34.6 | 14.6 | 22.0# |

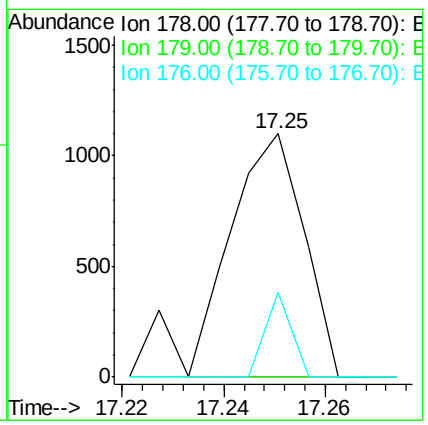


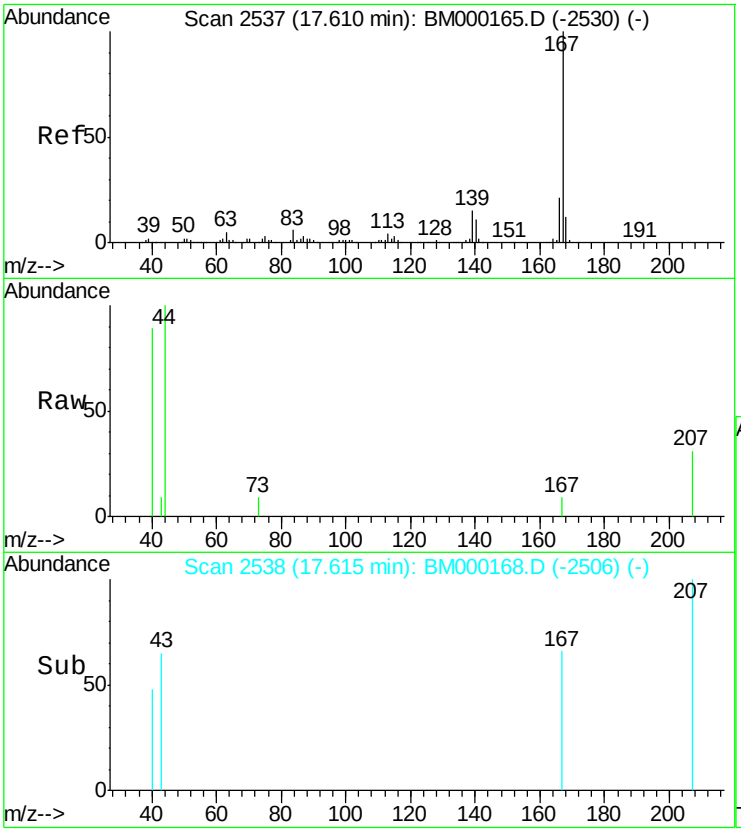




#71
Anthracene
Concen: 0.03 ng/ul
RT: 17.25 min Scan# 2476
Delta R.T. -0.10 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion:178 Resp: 1095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 0.0 | 12.6 | 18.8# |
| 176 | 34.6 | 14.6 | 21.8# |



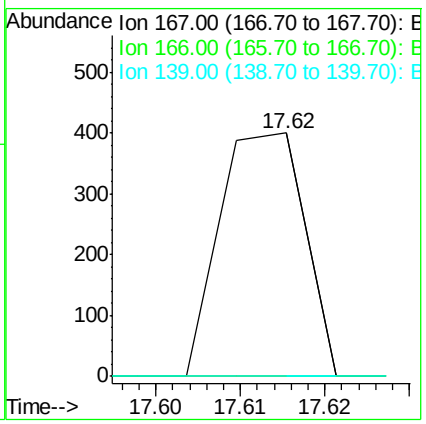


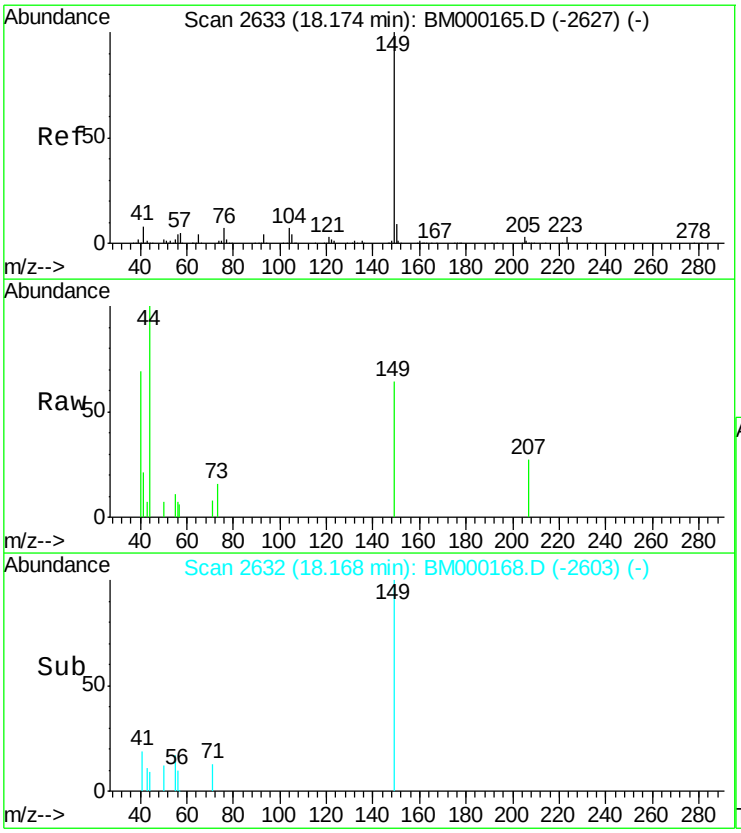

#72
Carbazole
Concen: 0.01 ng/ul
RT: 17.62 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion:167 Resp: 278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 0.0 | 16.2 | 24.4# |
| 139 | 0.0 | 10.7 | 16.1# |

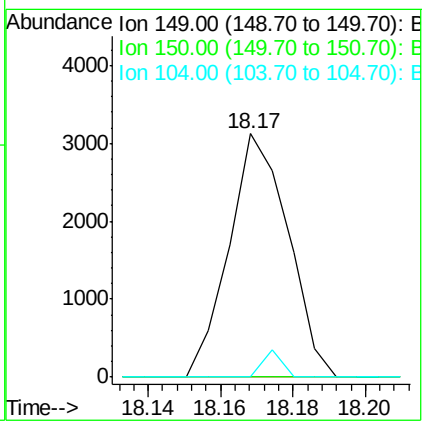


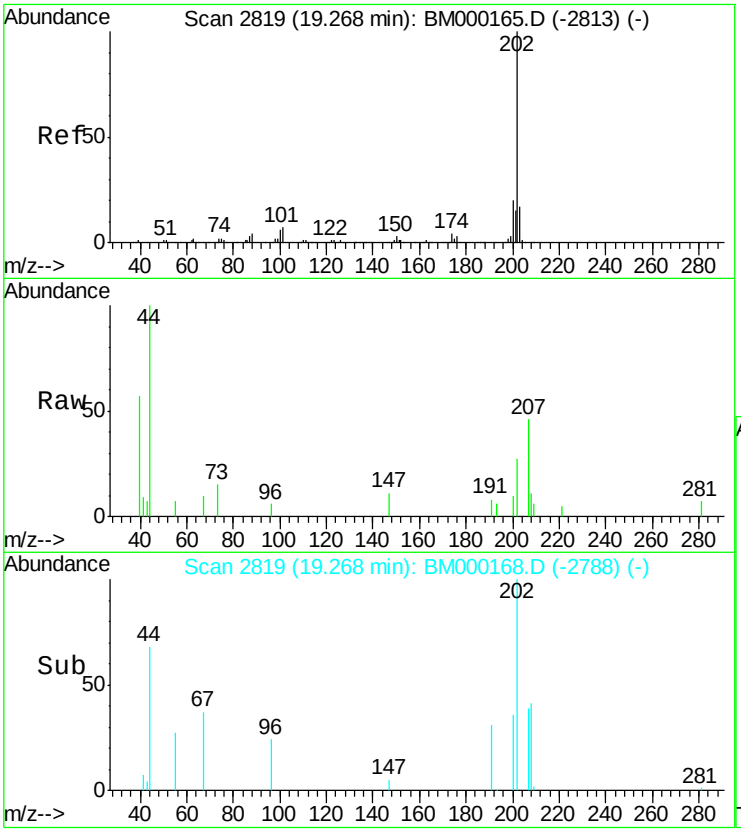




#73
Di-n-butylphthalate
Concen: 0.09 ng/ul
RT: 18.17 min Scan# 2632
Delta R.T. -0.03 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion:149 Resp: 3546

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



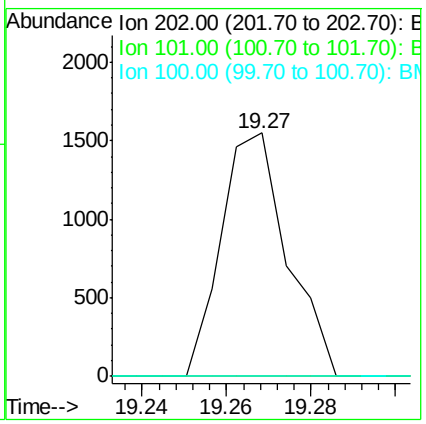


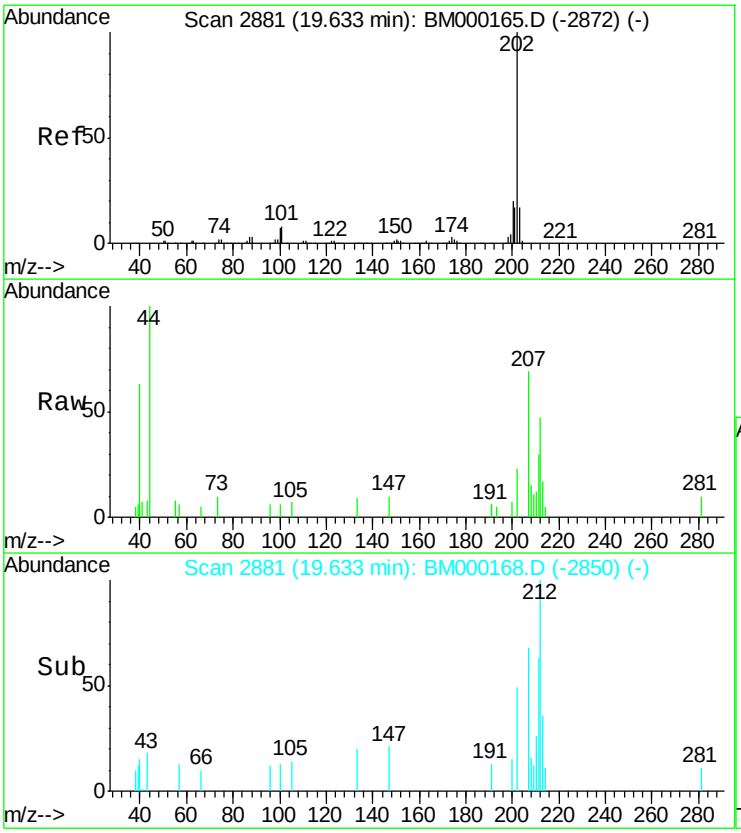

#74
Fluoranthene
Concen: 0.04 ng/ul
RT: 19.27 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion:202 Resp: 1680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 6.4 | 9.6# |
| 100 | 0.0 | 4.6 | 7.0# |

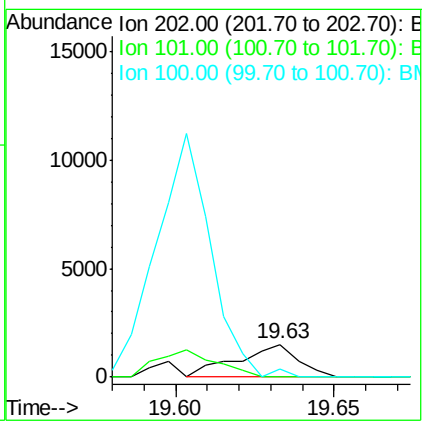


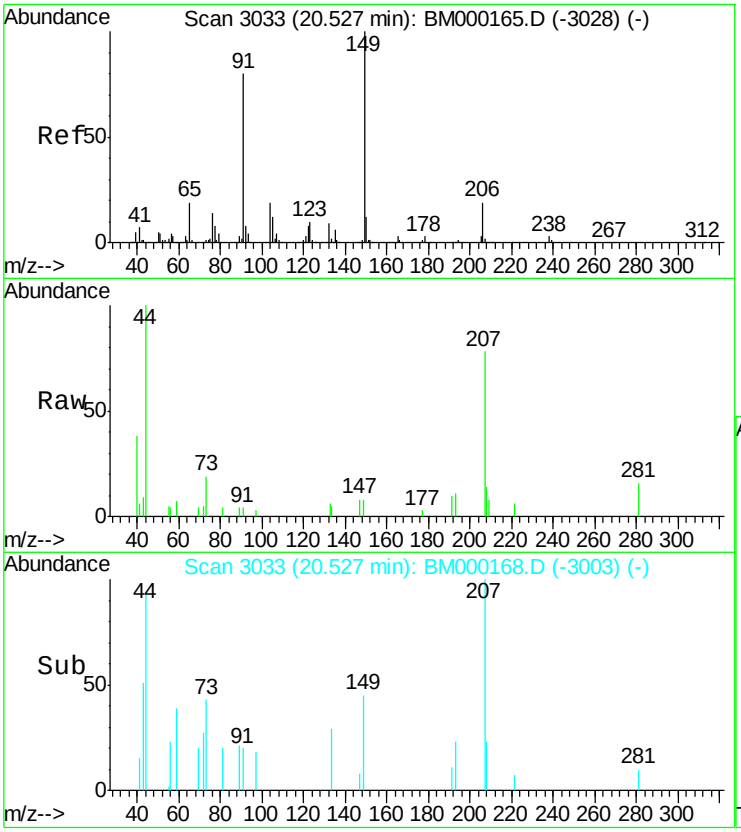




#77
Pyrene
Concen: 0.05 ng/ul
RT: 19.63 min Scan# 2881
Delta R.T. -0.02 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion:202 Resp: 2041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 6.9 | 10.3# |
| 100 | 26.4 | 5.5 | 8.3# |



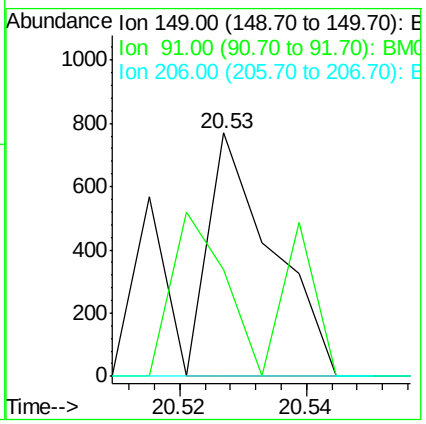


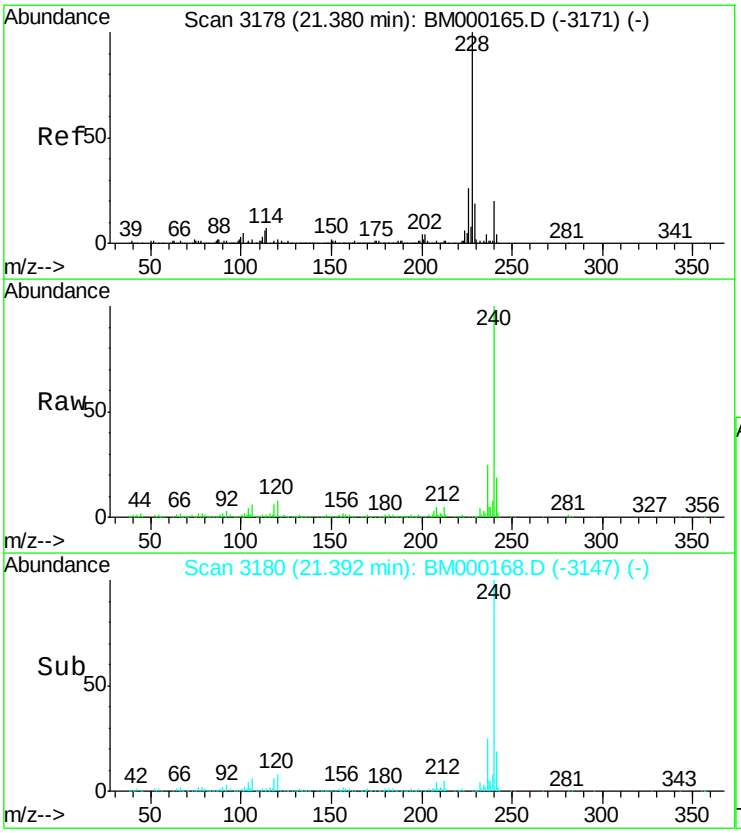

#78
Butylbenzylphthalate
Concen: 0.03 ng/ul
RT: 20.53 min Scan# 3033
Delta R.T. -0.02 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion:149 Resp: 536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 44.0 | 56.6 | 84.8# |
| 206 | 0.0 | 16.8 | 25.2# |

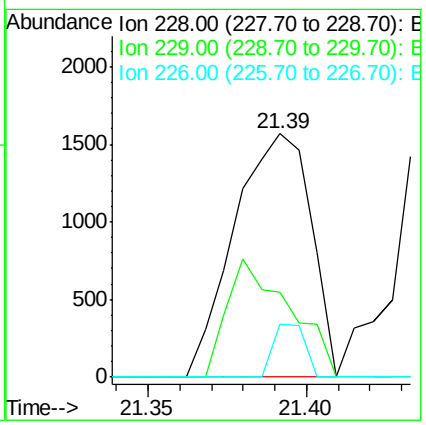


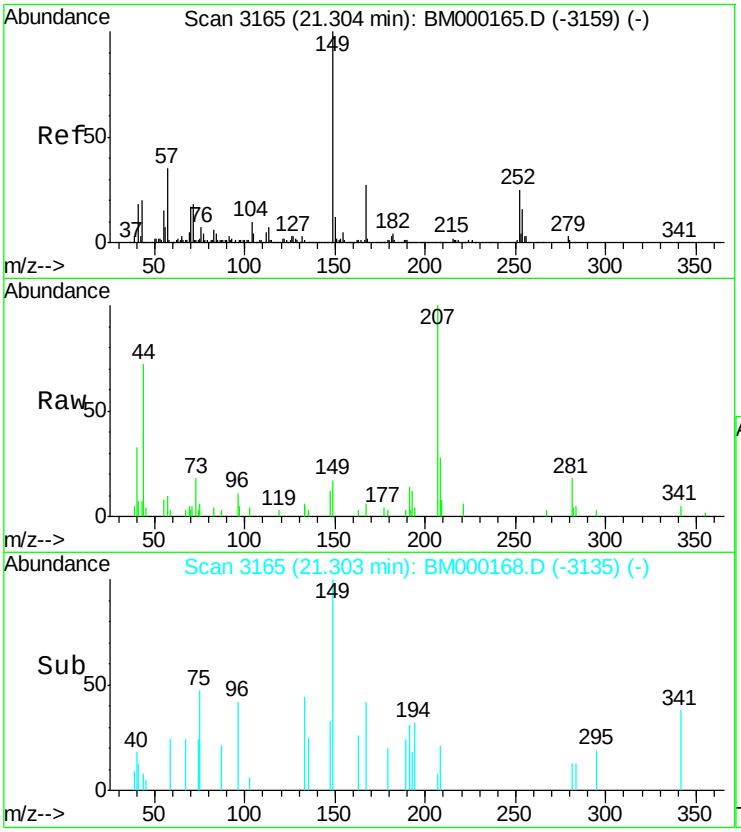




#80
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.39 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion:228 Resp: 2630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 34.8 | 15.8 | 23.8# |
| 226 | 21.7 | 20.7 | 31.1 |



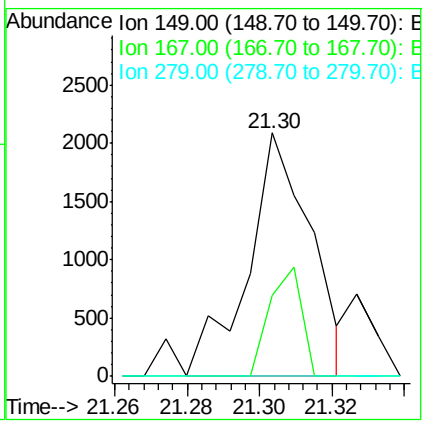


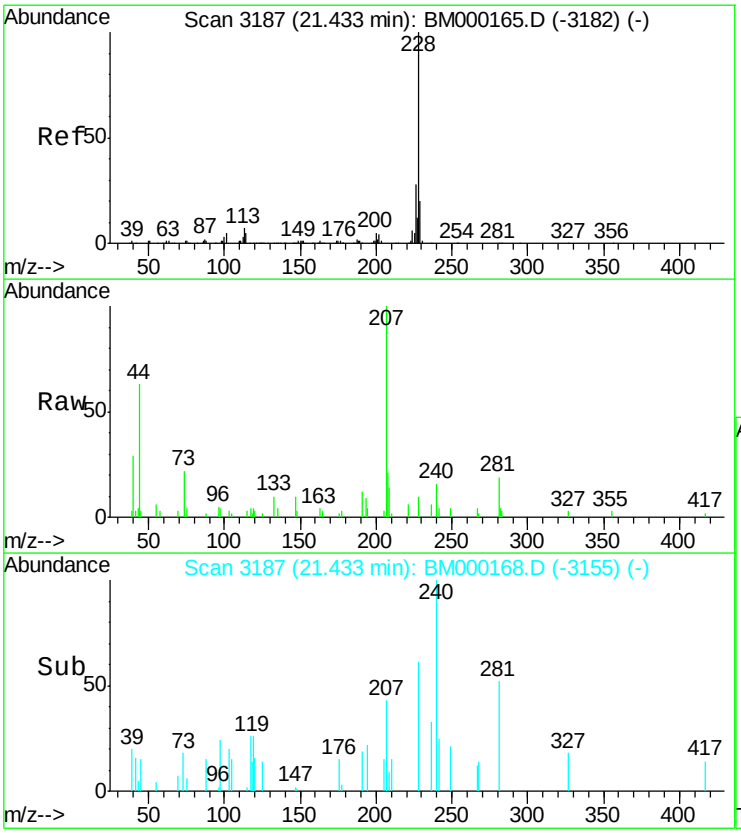

#81
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng/ul
RT: 21.30 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion:149 Resp: 2502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 33.3 | 22.1 | 33.1# |
| 279 | 0.0 | 3.0 | 4.6# |

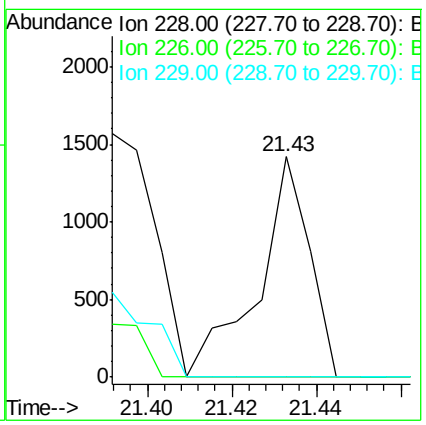


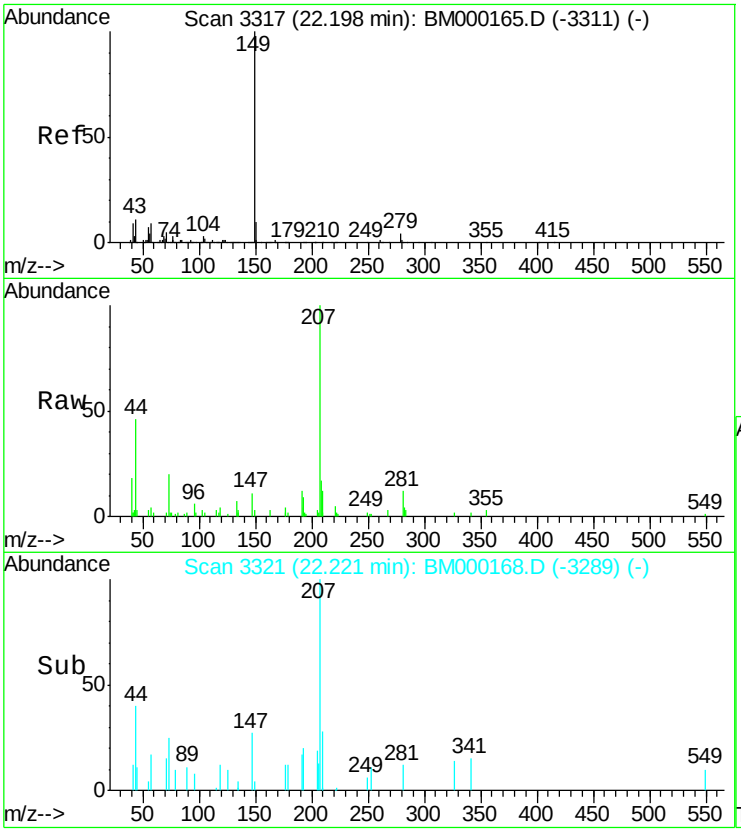




#82
Chrysene
Concen: 0.03 ng/ul
RT: 21.43 min Scan# 3187
Delta R.T. -0.01 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion:228 Resp: 1202

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

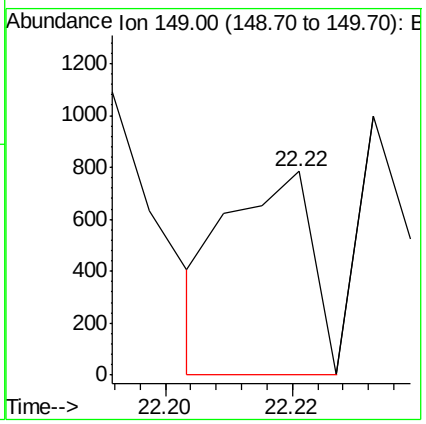


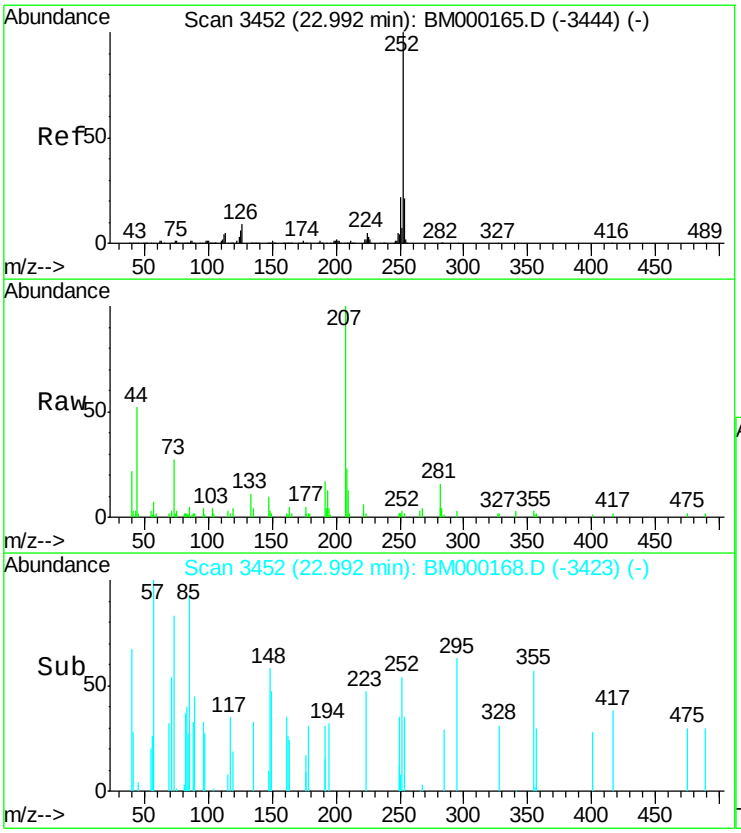



#84
Di-n-octyl phthalate
Concen: 0.02 ng/ul
RT: 22.22 min Scan# 3321
Delta R.T. -0.01 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion:149 Resp: 727

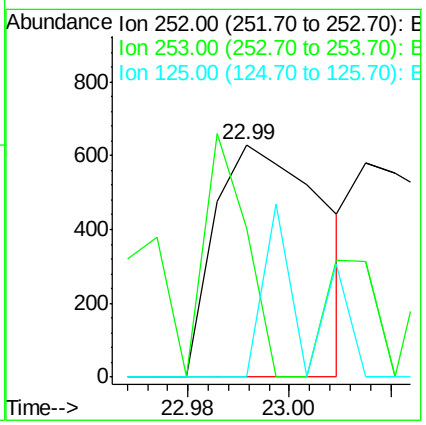


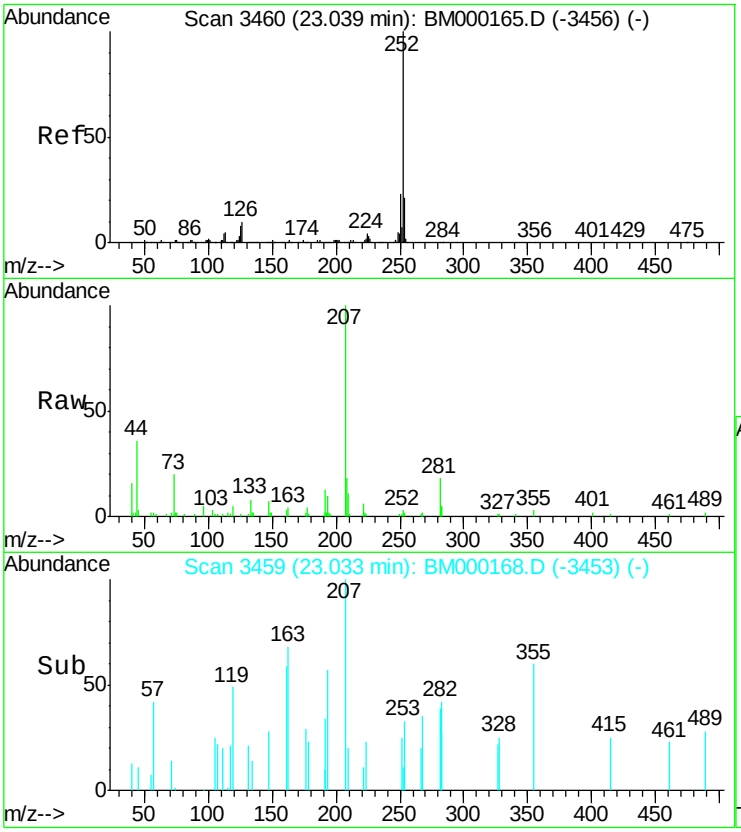




#85
Benzo(b)fluoranthene
Concen: 0.02 ng/ul
RT: 22.99 min Scan# 3452
Delta R.T. -0.03 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion:252 Resp: 934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 64.3 | 17.1 | 25.7# |
| 125 | 0.0 | 4.8 | 7.2# |



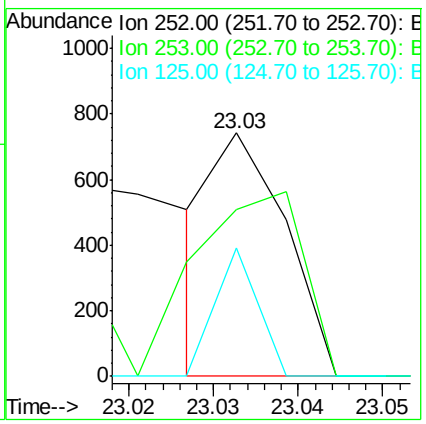


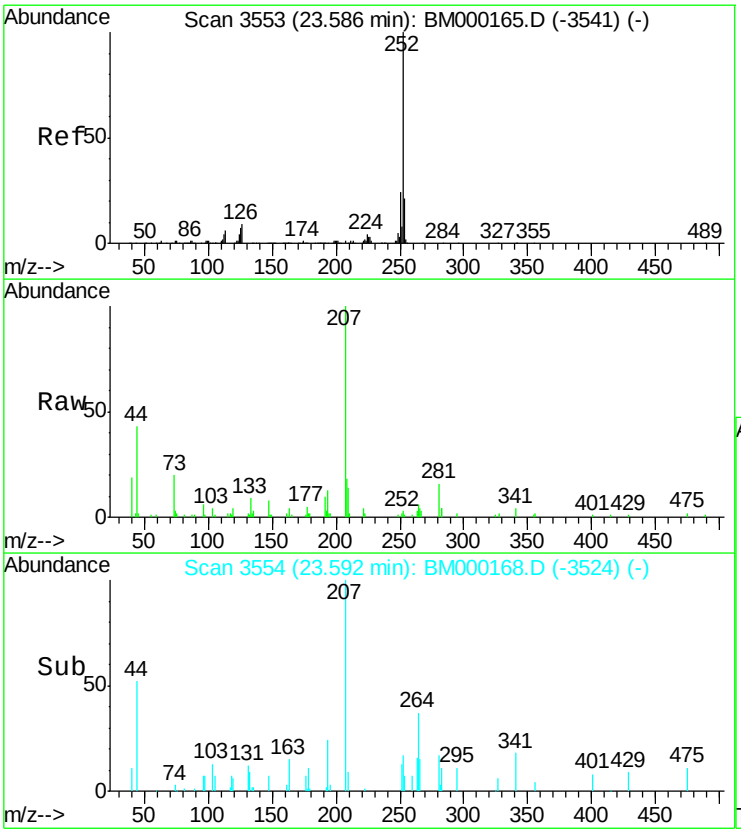

#86
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 23.03 min Scan# 3459
Delta R.T. -0.03 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

**Instrument :**
BNA_M
**ClientSampleId :**
C0AJ7

Tgt Ion:252 Resp: 431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 68.7 | 17.2 | 25.8# |
| 125 | 53.0 | 4.9 | 7.3# |




#88
Benzo(a)pyrene
Concen: 0.03 ng/ul
RT: 23.59 min Scan# 3554
Delta R.T. -0.02 min
Lab File: BM000168.D
Acq: 13 Jan 2015 14:41

Tgt Ion:252 Resp: 1181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 42.6 | 17.0 | 25.6# |
| 125 | 0.0 | 5.8 | 8.6# |