Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000566.D
Acq On : 20 Feb 2015 18:30
Operator : TP/IZ
Sample : MDL-07-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** MDL-07-W

Quant Time: Feb 21 02:51:22 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 00:39:15 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 112161 | 20.00 | ng/ul | 0.00 |
| 16) Naphthalene-d8 | 10.46 | 136 | 494314 | 20.00 | ng/ul | 0.00 |
| 33) Acenaphthene-d10 | 14.33 | 164 | 332278 | 20.00 | ng/ul | 0.00 |
| 59) Phenanthrene-d10 | 17.07 | 188 | 760252 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.26 | 240 | 588052 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.47 | 264 | 418484 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) Phenol-d5 | 6.85 | 99 | 219725 | 26.91 | ng/ul | 0.00 |
| 5) Bis-(2-Chloroethyl)ether-d | 7.01 | 67 | 140507 | 29.12 | ng/ul | 0.00 |
| 7) 2-Chlorophenol-d4 | 7.20 | 132 | 191109 | 27.51 | ng/ul | 0.00 |
| 11) 4-Methylphenol-d8 | 8.39 | 113 | 189894 | 27.43 | ng/ul | 0.00 |
| 17) Nitrobenzene-d5 | 8.83 | 128 | 94643 | 28.53 | ng/ul | 0.00 |
| 20) 2-Nitrophenol-d4 | 9.55 | 143 | 111473 | 29.03 | ng/ul | 0.00 |
| 24) 2,4-Dichlorophenol-d3 | 10.08 | 165 | 208112 | 25.58 | ng/ul | 0.00 |
| 27) 4-Chloroaniline-d4 | 10.60 | 131 | 291739 | 40.20 | ng/ul | 0.00 |
| 41) Dimethylphthalate-d6 | 13.74 | 166 | 761455 | 31.66 | ng/ul | 0.00 |
| 44) Acenaphthylene-d8 | 14.02 | 160 | 923564 | 28.66 | ng/ul | 0.00 |
| 49) 4-Nitrophenol-d4 | 14.53 | 143 | 102440 | 26.64 | ng/ul | 0.00 |
| 55) Fluorene-d10 | 15.32 | 176 | 693891 | 29.52 | ng/ul | 0.00 |
| 60) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 94523 | 21.39 | ng/ul | 0.00 |
| 68) Anthracene-d10 | 17.17 | 188 | 1058119 | 29.43 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.47 | 212 | 1059929 | 30.97 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.33 | 264 | 583126 | 29.72 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) Benzaldehyde | 6.85 | 77 | 220 | 0.05 | ng/ul# | 2 |
| 6) Bis(2-Chloroethyl)ether | 7.10 | 93 | 659 | 0.10 | ng/ul# | 55 |
| 13) N-Nitroso-di-n-propylamine | 8.38 | 70 | 4908 | 0.92 | ng/ul# | 1 |
| 18) Nitrobenzene | 8.82 | 77 | 483 | 0.06 | ng/ul# | 40 |
| 19) Isophorone | 9.55 | 82 | 12176 | 0.83 | ng/ul# | 70 |
| 42) Dimethylphthalate | 13.74 | 163 | 580 | 0.02 | ng/ul# | 1 |
| 43) 2,6-Dinitrotoluene | 13.74 | 165 | 5927 | 1.27 | ng/ul# | 42 |
| 50) 4-Nitrophenol | 14.54 | 109 | 301 | 0.07 | ng/ul# | 1 |
| 56) Fluorene | 15.32 | 166 | 1733 | 0.07 | ng/ul# | 11 |
| 58) 4-Nitroaniline | 15.32 | 138 | 310 | 0.07 | ng/ul# | 1 |
| 61) 4,6-Dinitro-2-methylphenol | 15.44 | 198 | 419 | 0.09 | ng/ul# | 1 |
| 62) N-Nitrosodiphenylamine | 15.44 | 169 | 840 | 0.04 | ng/ul# | 1 |
| 70) 1,2,3,4-Tetrachlorobenzene | 13.12 | 216 | 20896 | 1.86 | ng/uL | 90 |
| 71) Pentachlorobenzene | 14.64 | 250 | 42747 | 3.96 | ng/uL | 97 |
| 77) Pyrene | 19.47 | 202 | 1114 | 0.03 | ng/ul# | 1 |
| 78) Butylbenzylphthalate | 20.39 | 149 | 256 | 0.02 | ng/ul# | 25 |
| 80) Benzo(a)anthracene | 21.26 | 228 | 1423 | 0.04 | ng/ul# | 44 |
| 81) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 415 | 0.02 | ng/ul# | 50 |
| 82) Chrysene | 21.26 | 228 | 1423 | 0.04 | ng/ul# | 42 |
| 84) Di-n-octyl phthalate | 22.05 | 149 | 509 | 0.02 | ng/ul | 100 |
| 86) Benzo(k)fluoranthene | 22.95 | 252 | 302 | 0.01 | ng/ul# | 21 |
| 88) Benzo(a)pyrene | 23.34 | 252 | 2245 | 0.09 | ng/ul# | 11 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000566.D
Acq On : 20 Feb 2015 18:30
Operator : TP/IZ
Sample : MDL-07-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Quant Time: Feb 21 02:51:22 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 00:39:15 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

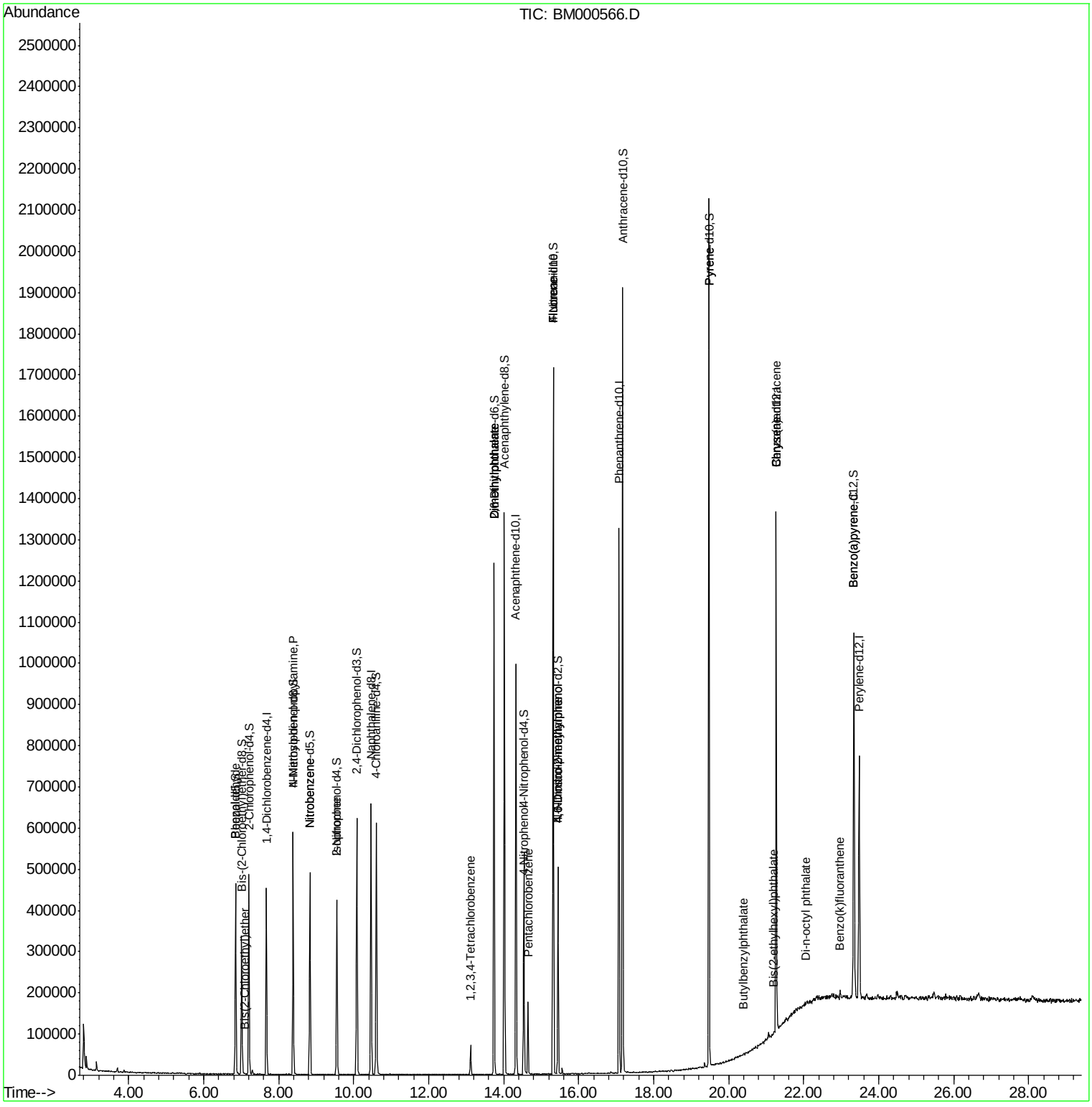
(#) = qualifier out of range (m) = manual integration (+) = signals summed

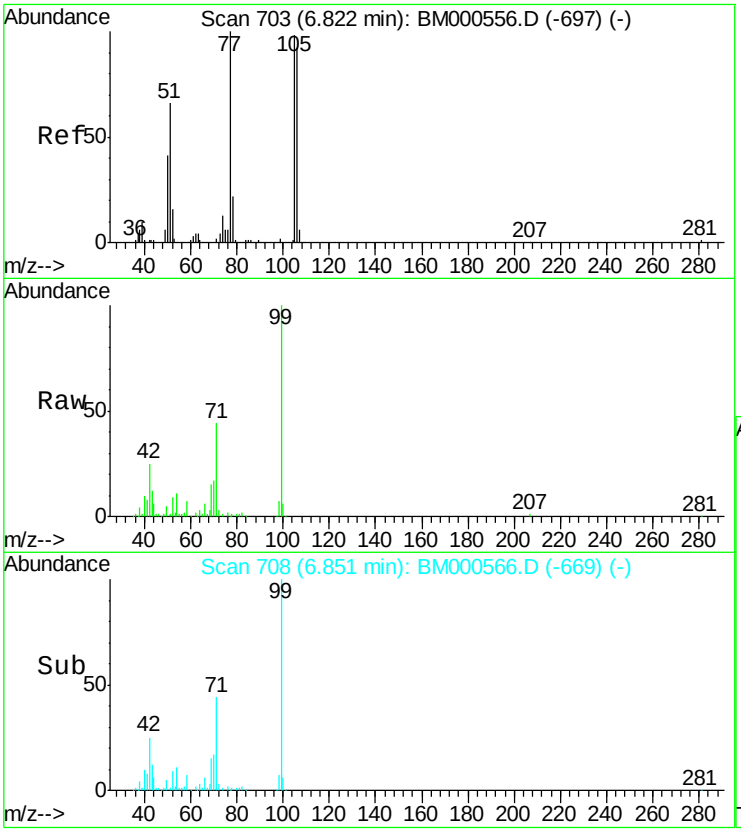
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000566.D
Acq On : 20 Feb 2015 18:30
Operator : TP/IZ
Sample : MDL-07-W
Misc : MDL-WATER-3PPM-SOM0
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Quant Time: Feb 21 02:51:22 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 21 00:39:15 2015
Response via : Initial Calibration



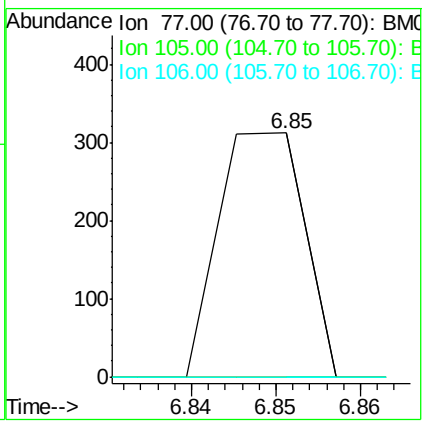


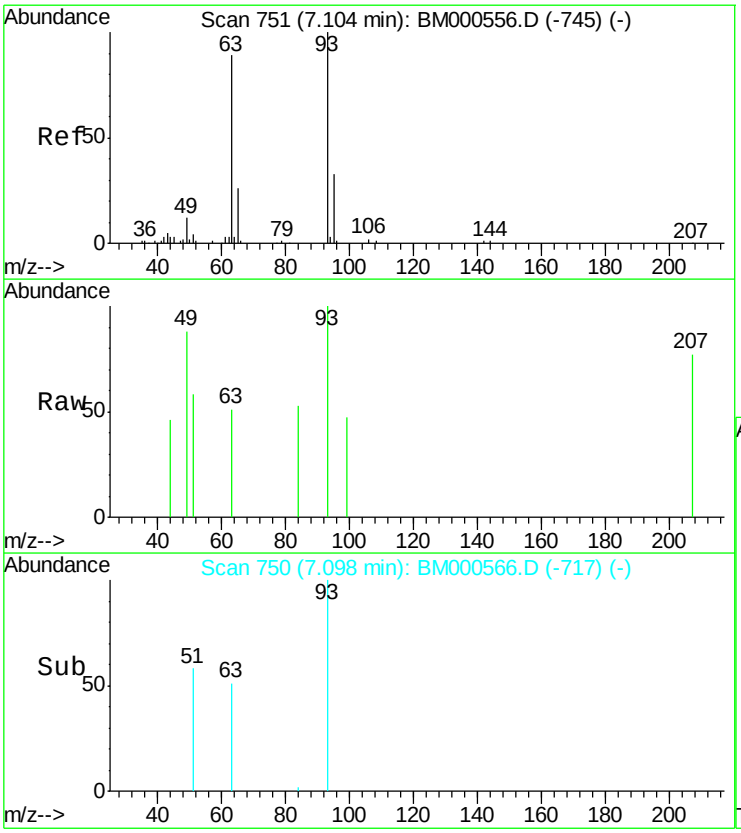

#2
Benzaldehyde
Concen: 0.05 ng/ul
RT: 6.85 min Scan# 708
Delta R.T. 0.03 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion: 77 Resp: 220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 78.6 | 117.8# |
| 106 | 0.0 | 74.2 | 111.4# |

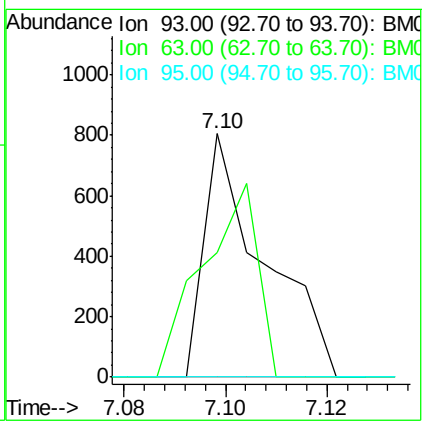


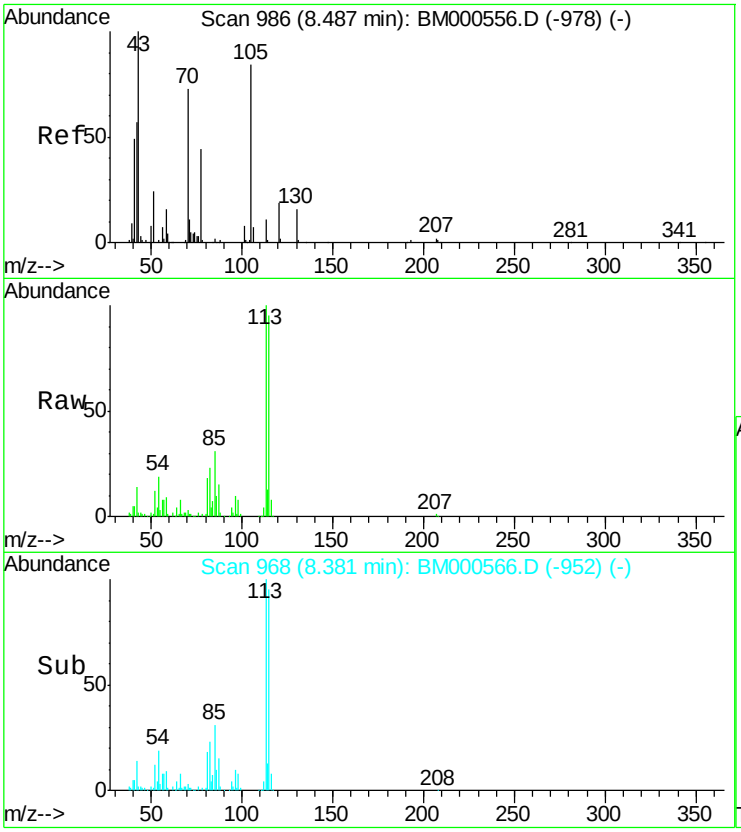




#6
Bis(2-Chloroethyl)ether
Concen: 0.10 ng/ul
RT: 7.10 min Scan# 750
Delta R.T. -0.01 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion: 93 Resp: 659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 51.1 | 71.2 | 106.8# |
| 95 | 0.0 | 26.1 | 39.1# |



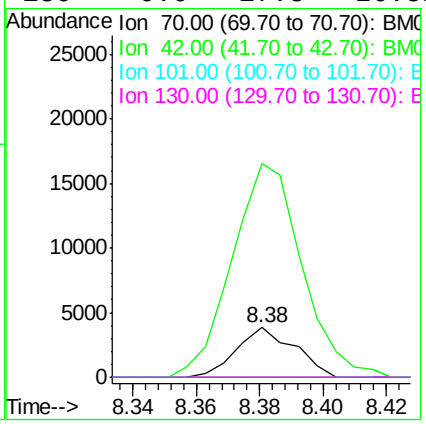


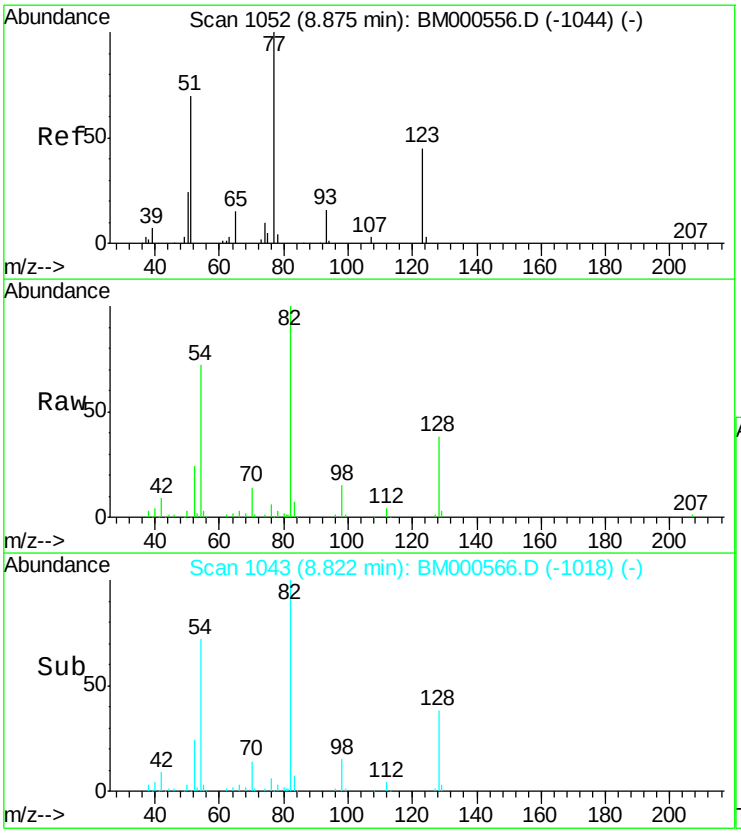

#13
N-Nitroso-di-n-propylamine
Concen: 0.92 ng/ul
RT: 8.38 min Scan# 968
Delta R.T. -0.11 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion: 70 Resp: 4908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 428.7 | 63.3 | 94.9# |
| 101 | 0.0 | 8.2 | 12.4# |
| 130 | 0.0 | 17.8 | 26.8# |

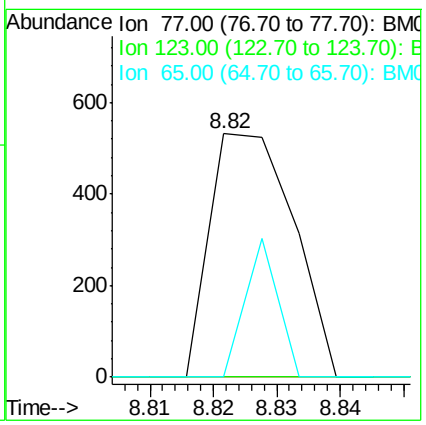


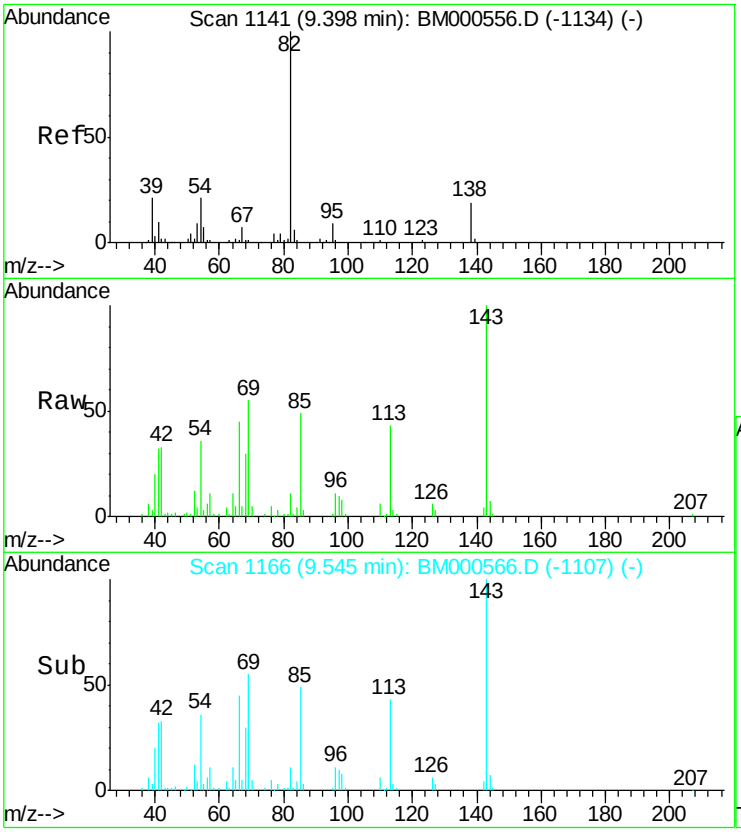




#18
Nitrobenzene
Concen: 0.06 ng/ul
RT: 8.82 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion: 77 Resp: 483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 35.7 | 53.5# |
| 65 | 0.0 | 12.3 | 18.5# |



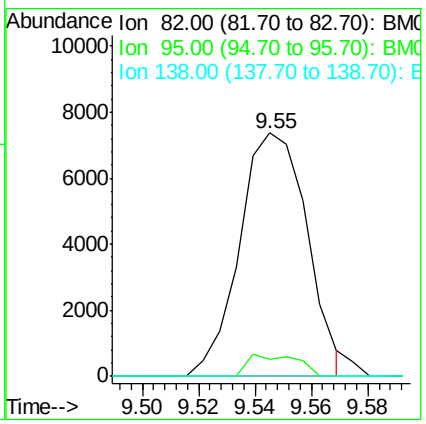


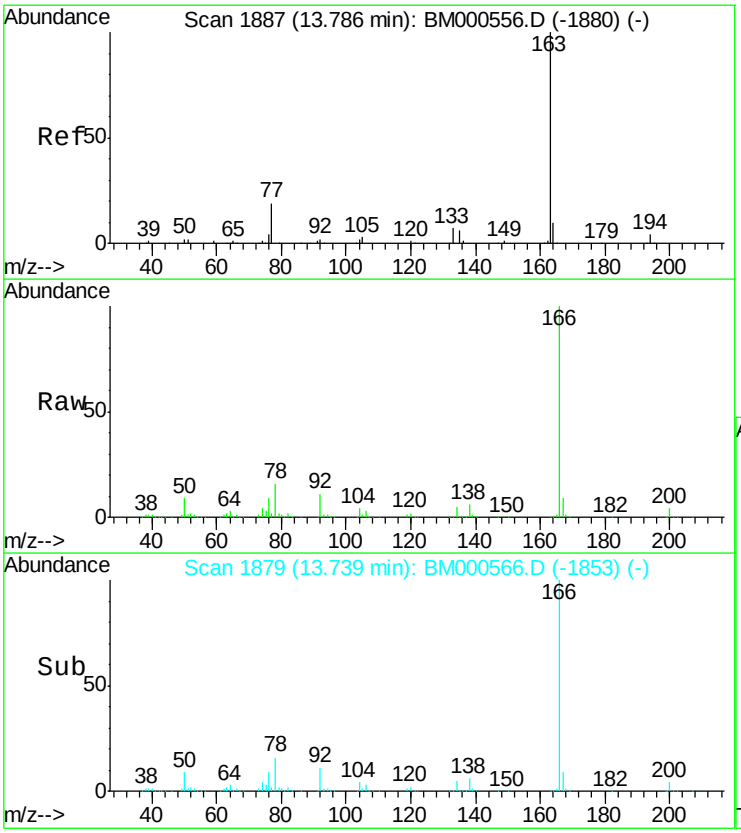

#19
Isophorone
Concen: 0.83 ng/ul
RT: 9.55 min Scan# 1166
Delta R.T. 0.15 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion: 82 Resp: 12176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 7.0 | 10.4# |
| 138 | 0.0 | 15.1 | 22.7# |

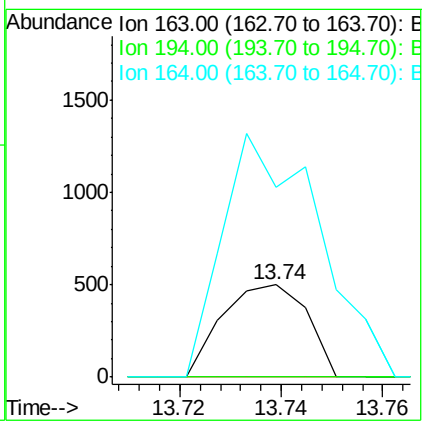


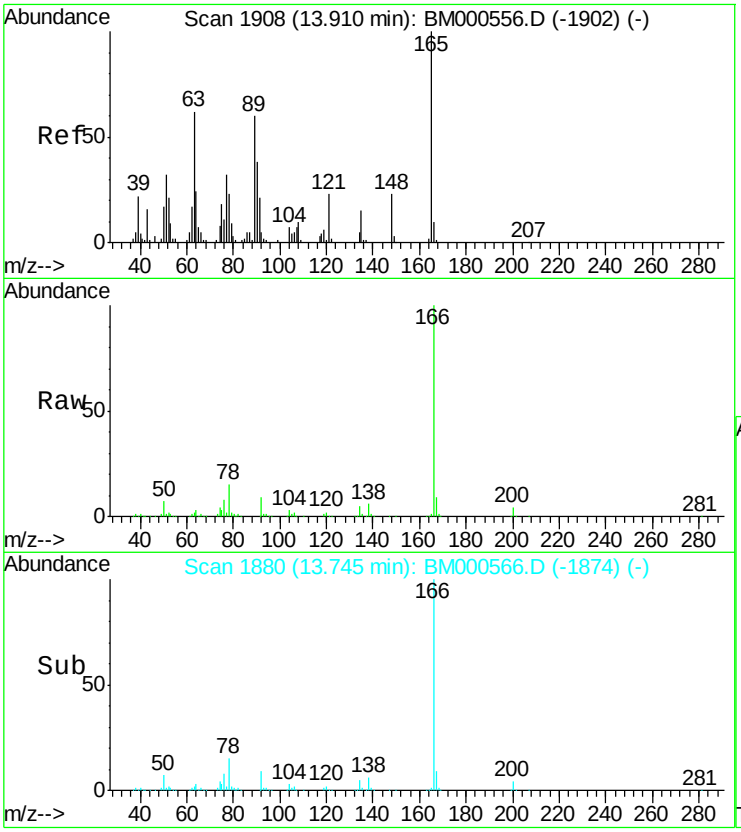




#42
Dimethylphthalate
Concen: 0.02 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. -0.05 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion:163 Resp: 580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 0.0 | 3.3 | 4.9# |
| 164 | 206.6 | 7.9 | 11.9# |



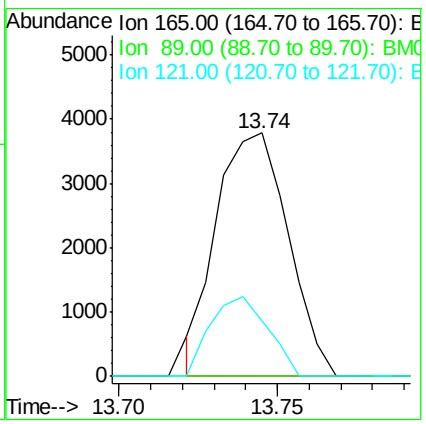


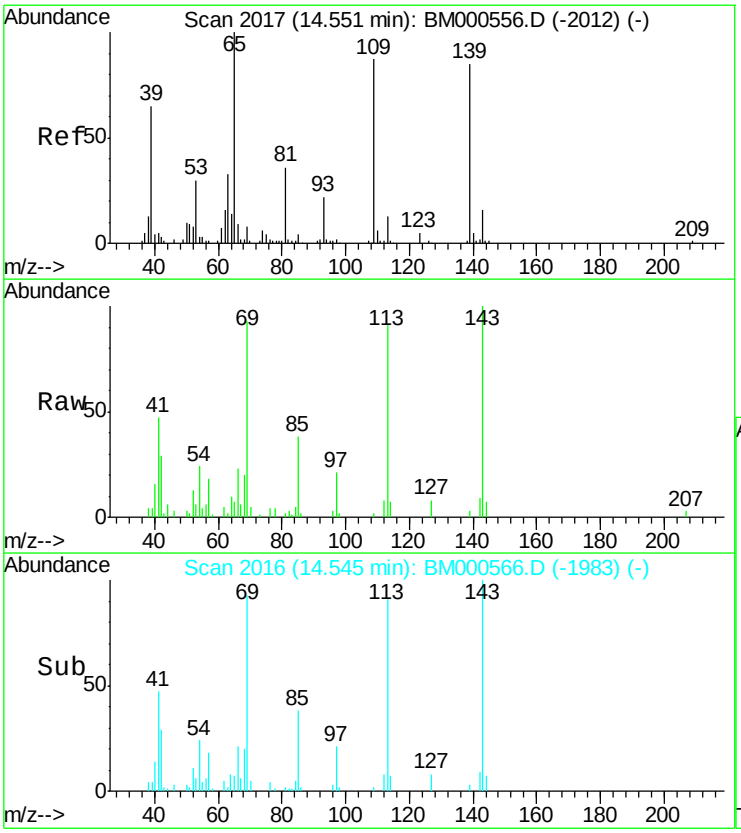

#43
2,6-Dinitrotoluene
Concen: 1.27 ng/ul
RT: 13.74 min Scan# 1880
Delta R.T. -0.16 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion:165 Resp: 5927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 0.0 | 47.8 | 71.8# |
| 121 | 22.6 | 18.1 | 27.1 |

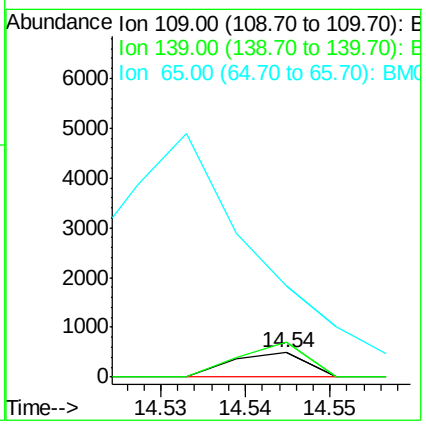


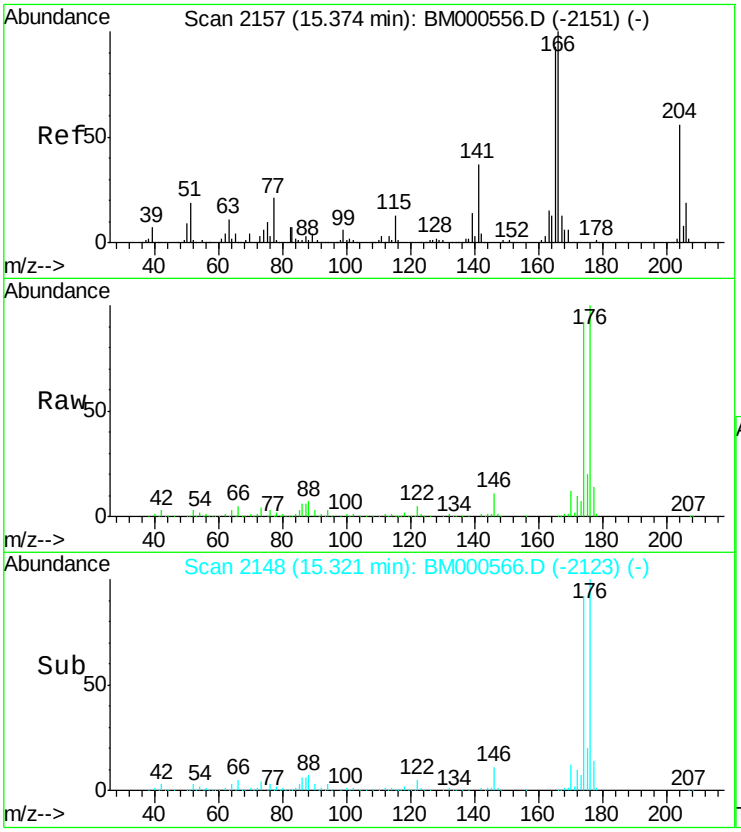




#50
4-Nitrophenol
Concen: 0.07 ng/ul
RT: 14.54 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion:109 Resp: 301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 109 | 100 | | |
| 139 | 141.6 | 78.2 | 117.4# |
| 65 | 372.2 | 93.7 | 140.5# |



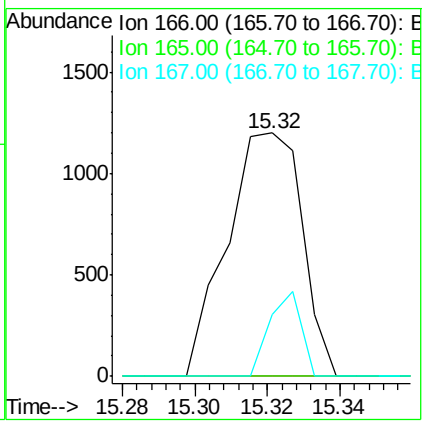


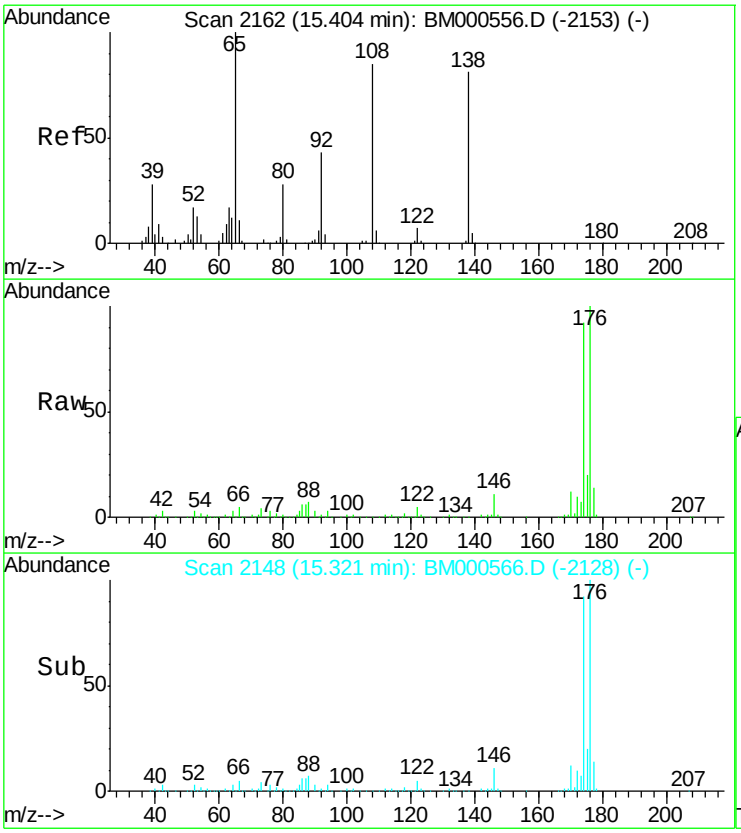

#56
Fluorene
Concen: 0.07 ng/ul
RT: 15.32 min Scan# 2148
Delta R.T. -0.05 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion:166 Resp: 1733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 0.0 | 74.4 | 111.6# |
| 167 | 25.6 | 10.2 | 15.4# |

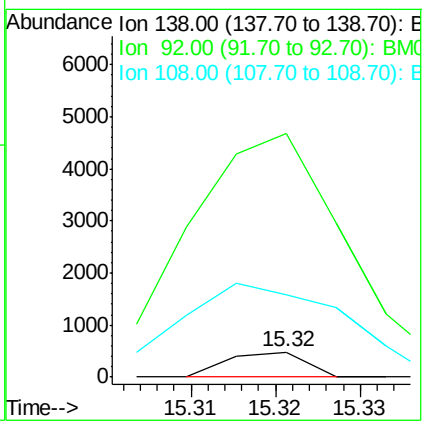


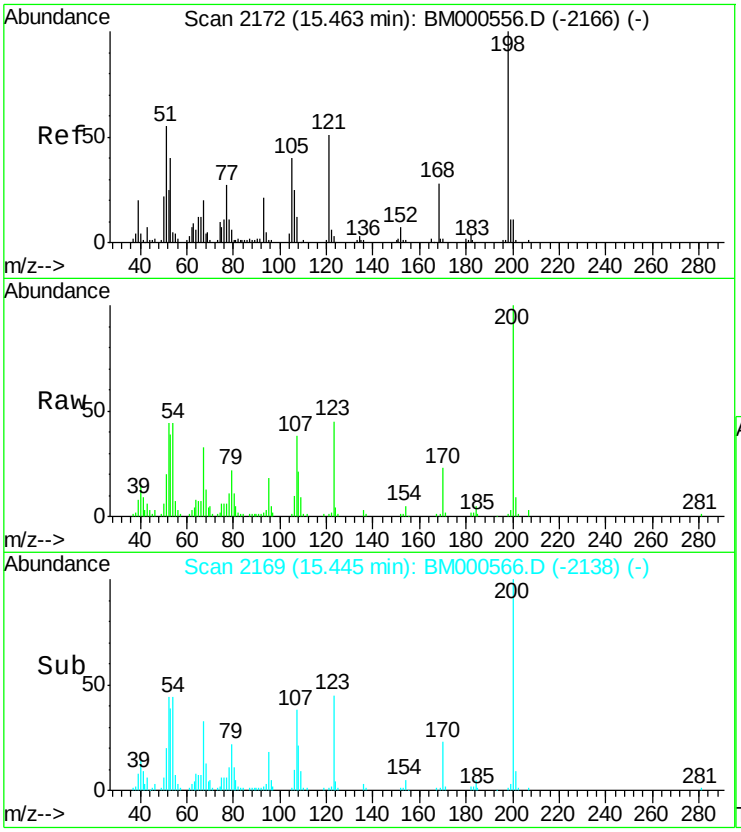




#58
4-Nitroaniline
Concen: 0.07 ng/ul
RT: 15.32 min Scan# 2148
Delta R.T. -0.08 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion:138 Resp: 310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 968.3 | 42.2 | 63.2# |
| 108 | 325.1 | 83.5 | 125.3# |



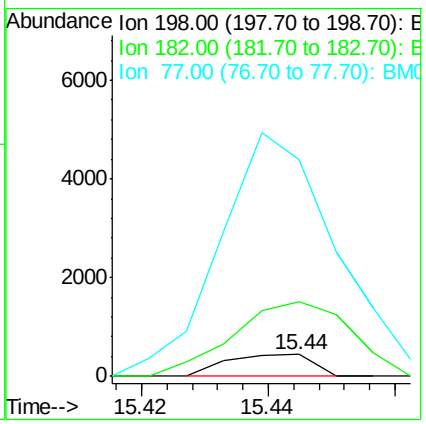


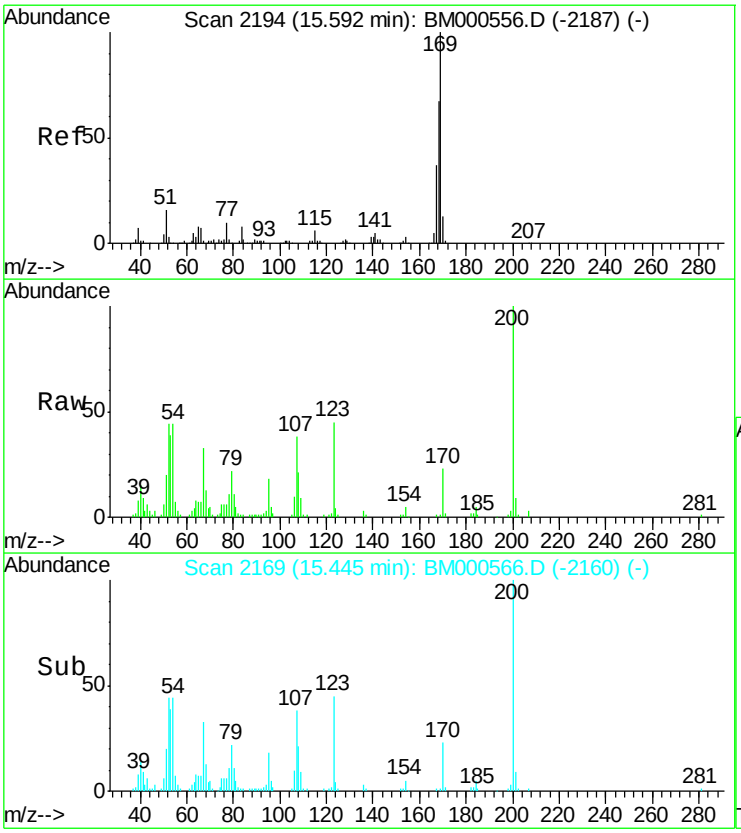

#61
4,6-Dinitro-2-methylphenol
Concen: 0.09 ng/ul
RT: 15.44 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion:198 Resp: 419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 342.5 | 3.2 | 4.8# |
| 77 | 989.4 | 22.2 | 33.2# |

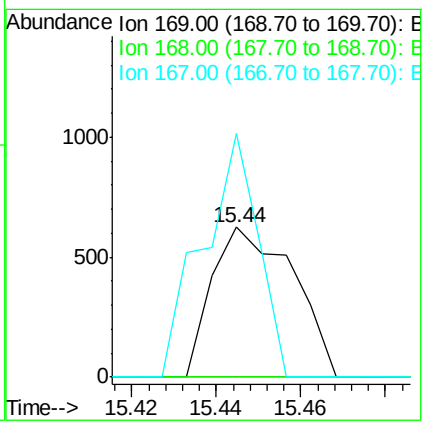


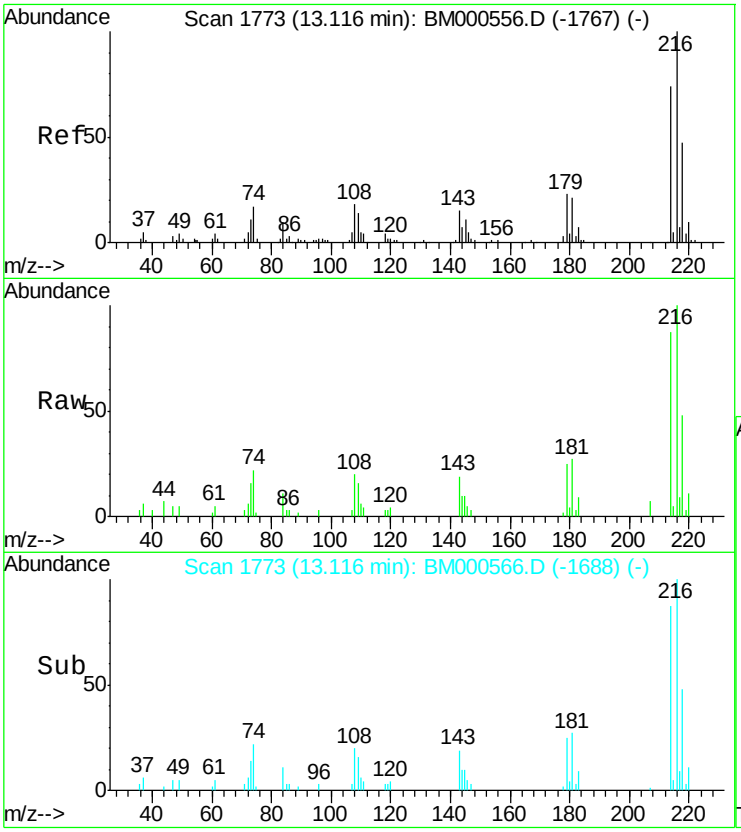




#62
N-Nitrosodiphenylamine
Concen: 0.04 ng/ul
RT: 15.44 min Scan# 2169
Delta R.T. -0.15 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion:169 Resp: 840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 0.0 | 53.3 | 79.9# |
| 167 | 162.7 | 29.4 | 44.2# |



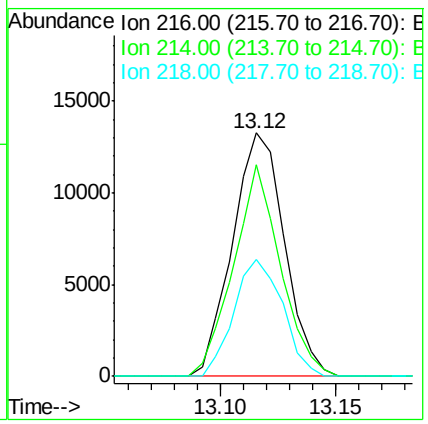


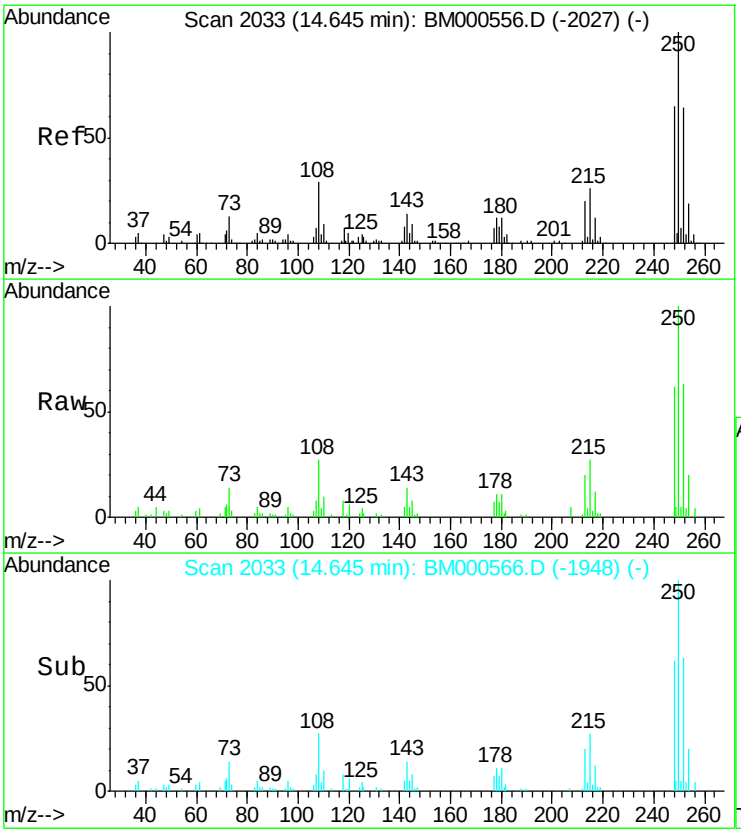

#70
1,2,3,4-Tetrachlorobenzene
Concen: 1.86 ng/uL
RT: 13.12 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion:216 Resp: 20896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 86.9 | 59.1 | 88.7 |
| 218 | 47.8 | 37.6 | 56.4 |

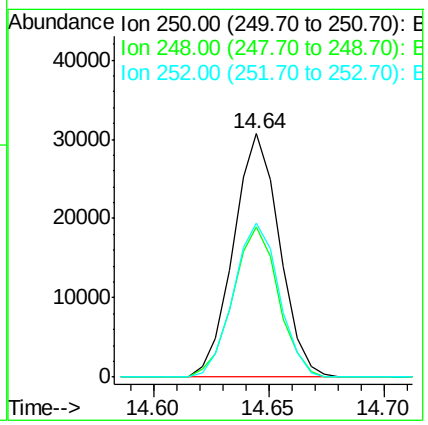


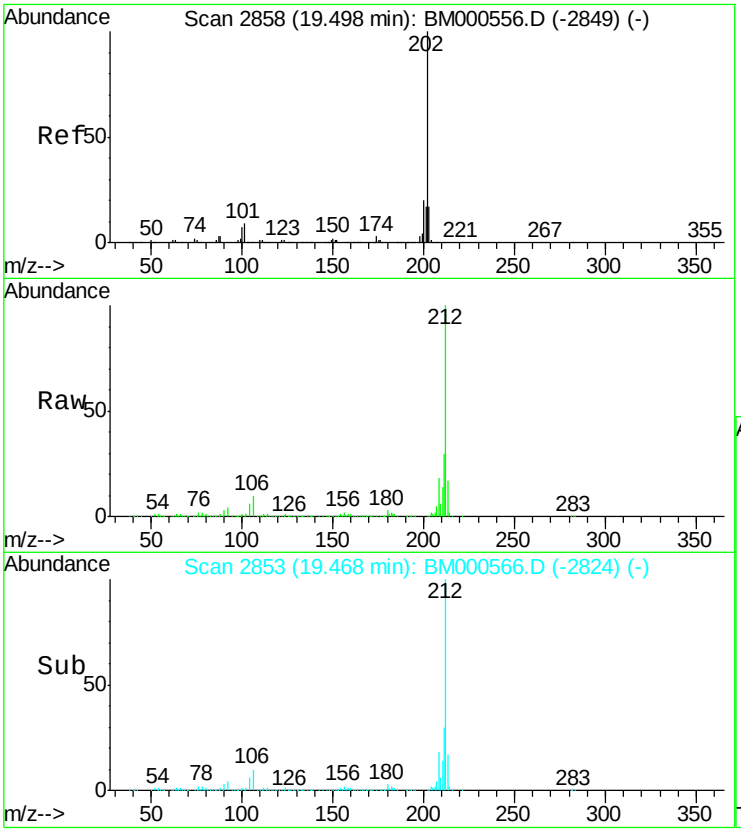




#71
Pentachlorobenzene
Concen: 3.96 ng/uL
RT: 14.64 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion:250 Resp: 42747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 250 | 100 | | |
| 248 | 61.7 | 52.4 | 78.6 |
| 252 | 63.4 | 51.5 | 77.3 |



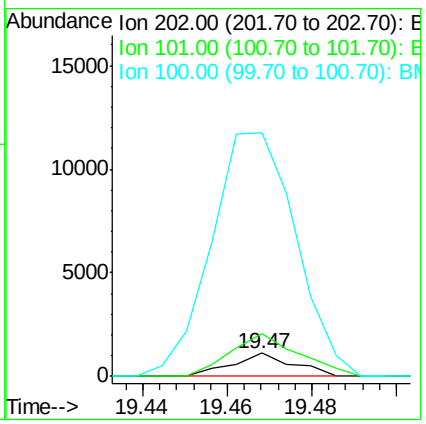


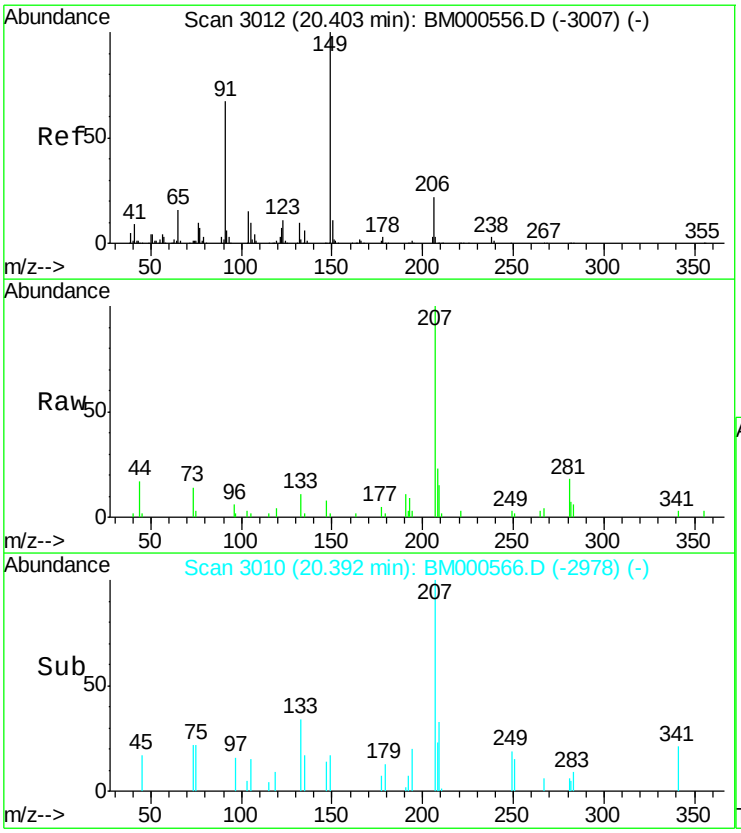

#77
Pyrene
Concen: 0.03 ng/ul
RT: 19.47 min Scan# 2853
Delta R.T. -0.03 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion:202 Resp: 1114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 187.8 | 7.2 | 10.8# |
| 100 | 1060.8 | 5.9 | 8.9# |

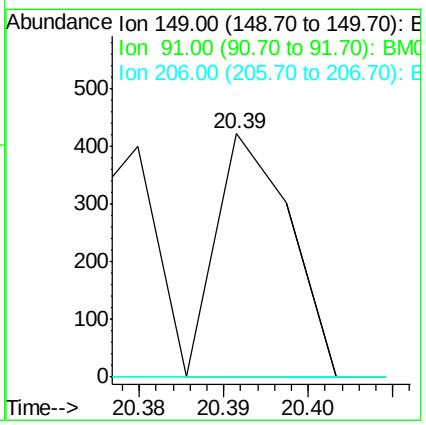


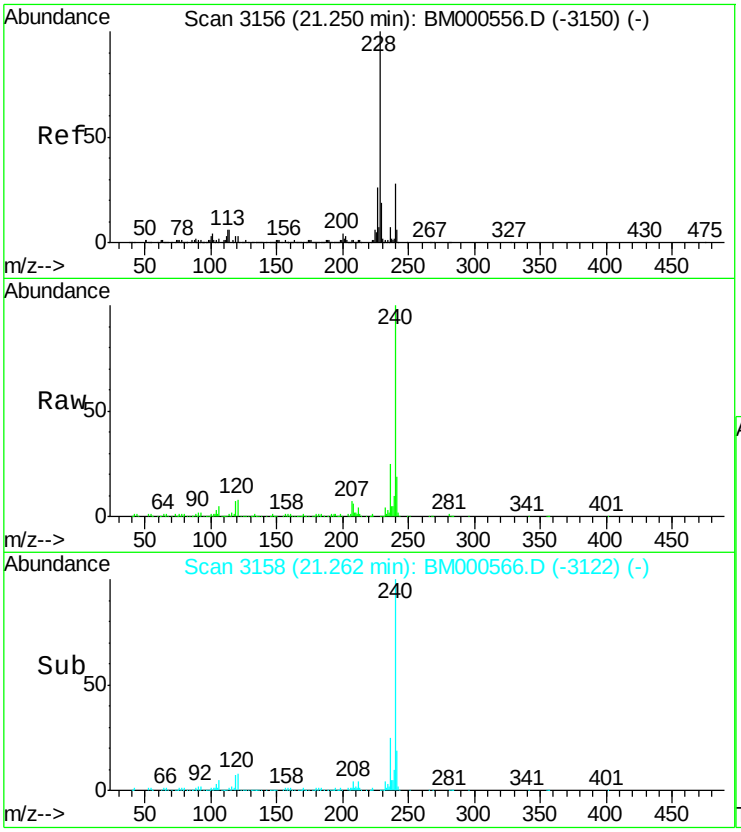




#78
Butylbenzylphthalate
Concen: 0.02 ng/ul
RT: 20.39 min Scan# 3010
Delta R.T. -0.01 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion:149 Resp: 256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 0.0 | 53.9 | 80.9# |
| 206 | 0.0 | 17.2 | 25.8# |



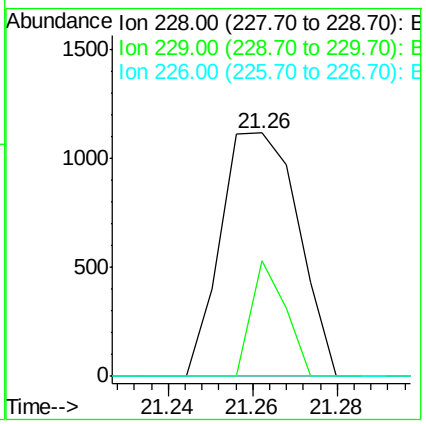


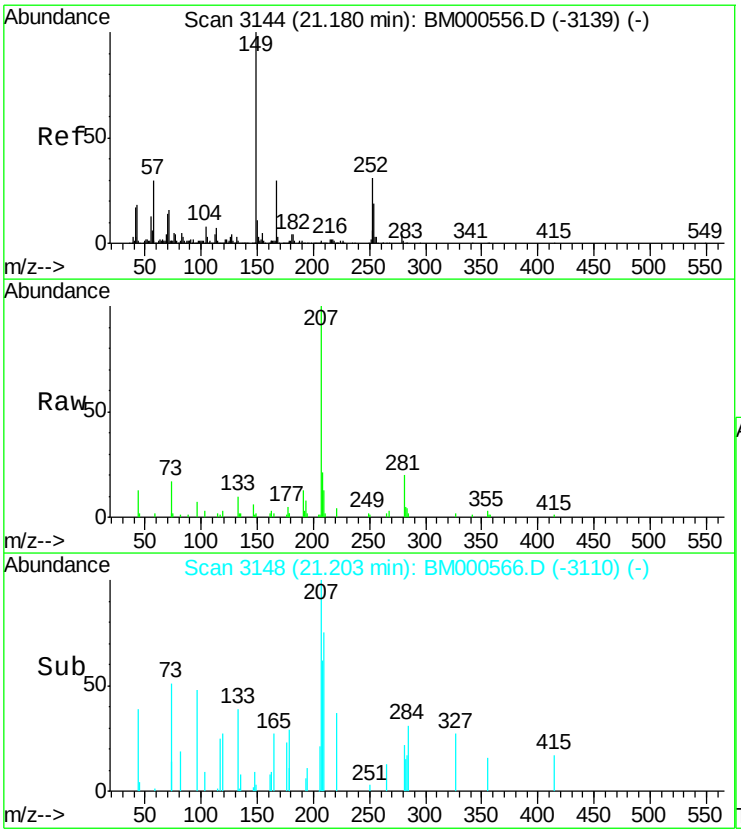

#80
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion:228 Resp: 1423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 47.8 | 15.1 | 22.7# |
| 226 | 0.0 | 20.4 | 30.6# |

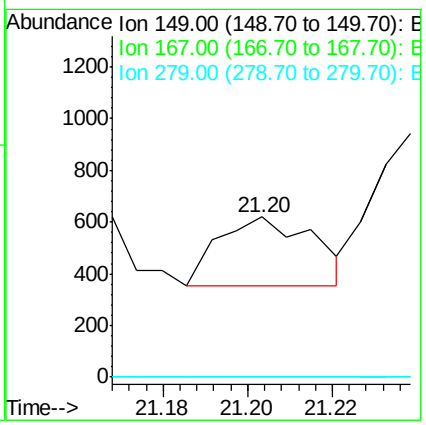


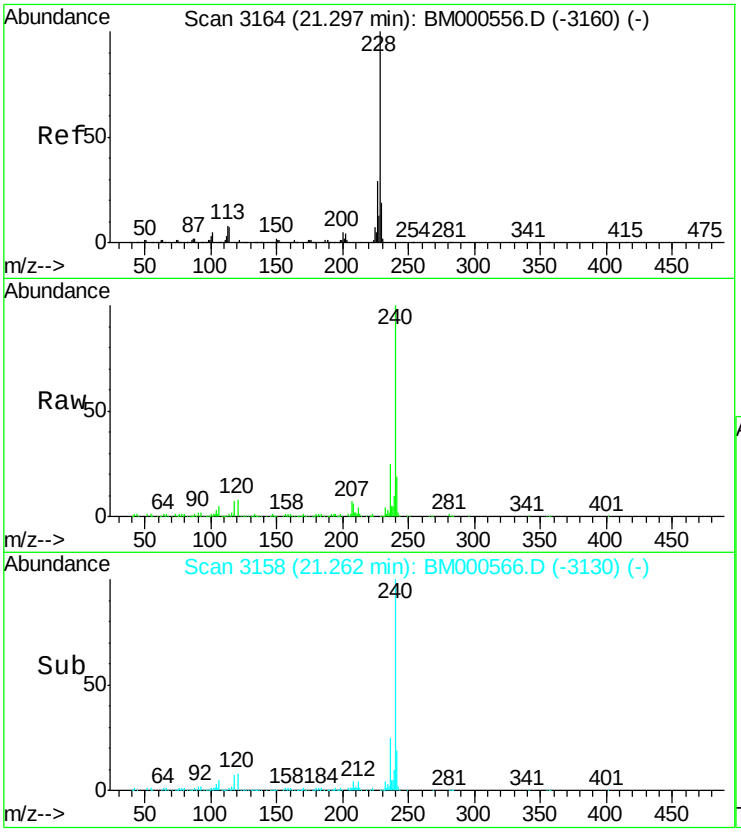




#81
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng/ul
RT: 21.20 min Scan# 3148
Delta R.T. 0.02 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion:149 Resp: 415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 23.8 | 35.6# |
| 279 | 0.0 | 3.4 | 5.2# |



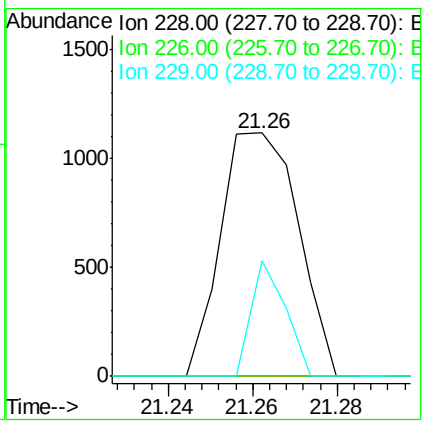


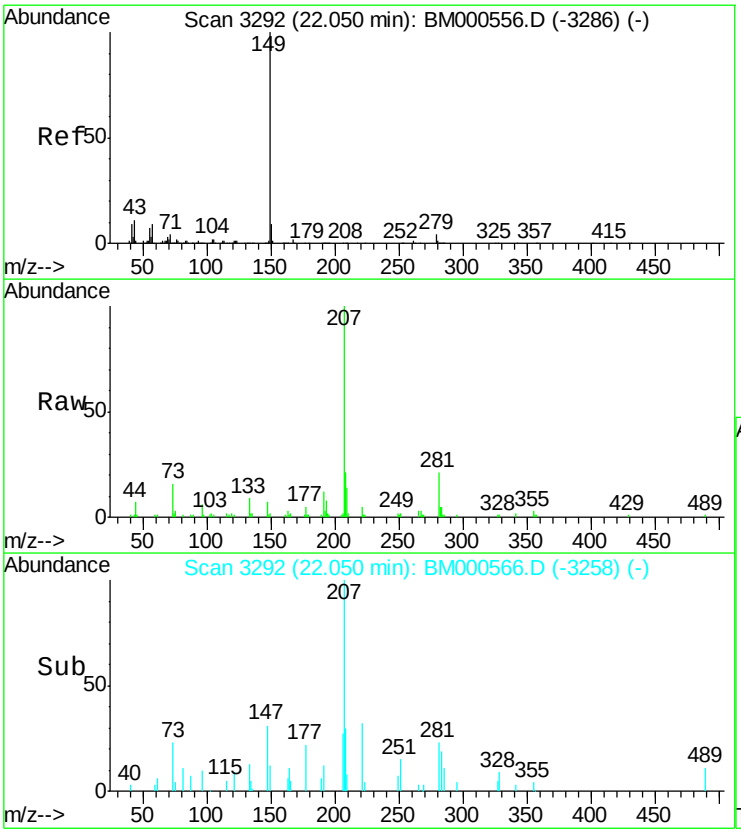

#82
Chrysene
Concen: 0.04 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. -0.04 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion:228 Resp: 1423

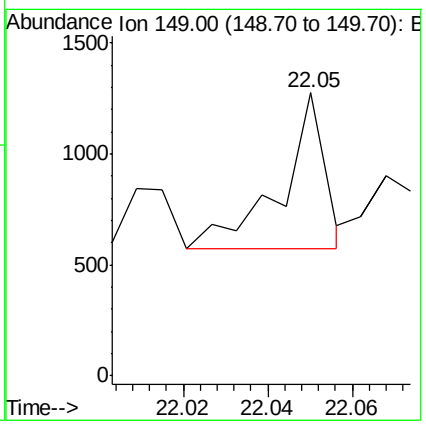
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 23.0 | 34.6# |
| 229 | 47.8 | 15.3 | 22.9# |

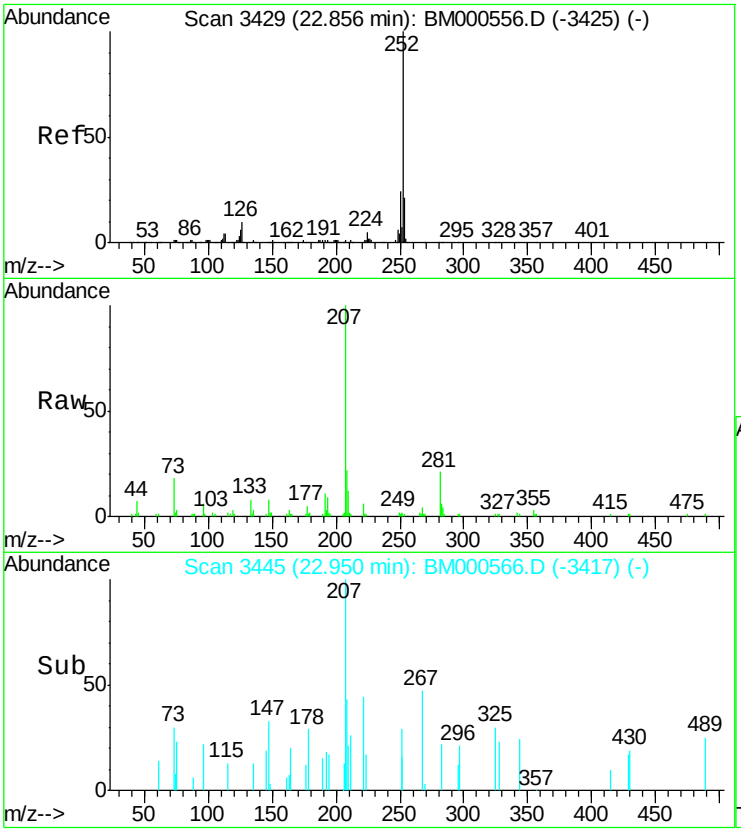



#84
Di-n-octyl phthalate
Concen: 0.02 ng/ul
RT: 22.05 min Scan# 3292
Delta R.T. -0.00 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion:149 Resp: 509



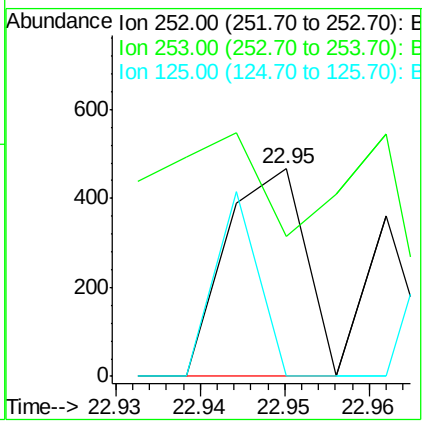


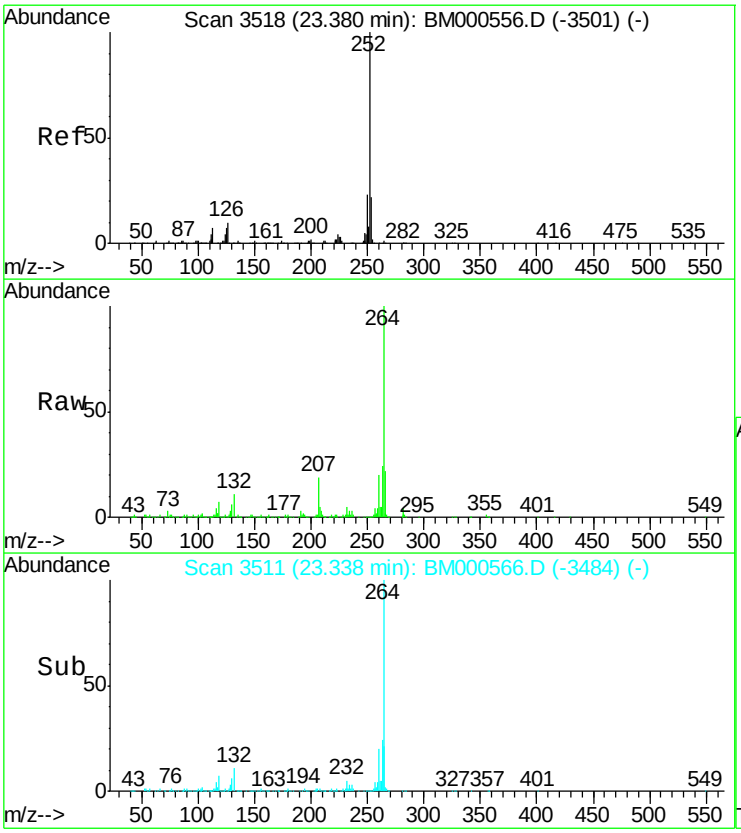

#86
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 22.95 min Scan# 3445
Delta R.T. 0.09 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-07-W

Tgt Ion:252 Resp: 302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 67.2 | 17.1 | 25.7# |
| 125 | 0.0 | 5.3 | 7.9# |




#88
Benzo(a)pyrene
Concen: 0.09 ng/ul
RT: 23.34 min Scan# 3511
Delta R.T. -0.04 min
Lab File: BM000566.D
Acq: 20 Feb 2015 18:30

Tgt Ion:252 Resp: 2245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 57.2 | 17.5 | 26.3# |
| 125 | 54.5 | 5.4 | 8.0# |