Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003432.D
Acq On : 10 Dec 2015 02:55
Operator : UM/IZ
Sample : PB87153BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB87153BSD

Quant Time: Dec 10 03:43:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 72909 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.52 | 136 | 317197 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.37 | 164 | 167015 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.12 | 188 | 319411 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.32 | 240 | 290765 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.57 | 264 | 288065 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 551436 | 134.47 | ng | | 0.00 |
| 7) Phenol-d6 | 6.90 | 99 | 718646 | 126.20 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.88 | 82 | 424152 | 82.91 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.87 | 330 | 199543 | 119.63 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.99 | 172 | 1002290 | 81.76 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.76 | 244 | 961031 | 77.95 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 54837 | 32.23 | ng | # | 100 |
| 3) Pyridine | 3.60 | 79 | 164708 | 34.55 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.53 | 42 | 62123 | 40.71 | ng | | 83 |
| 6) Aniline | 7.05 | 93 | 201933 | 26.94 | ng | | 96 |
| 8) 2-Chlorophenol | 7.29 | 128 | 222149 | 42.78 | ng | | 96 |
| 9) Benzaldehyde | 6.86 | 77 | 95369 | 34.16 | ng | | 95 |
| 10) Phenol | 6.92 | 94 | 263795 | 43.66 | ng | # | 71 |
| 11) bis(2-Chloroethyl)ether | 7.15 | 93 | 187556 | 38.37 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.61 | 146 | 220558 | 38.67 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.76 | 146 | 226777 | 38.56 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.07 | 146 | 218654 | 38.93 | ng | | 97 |
| 15) Benzyl Alcohol | 7.96 | 79 | 174440 | 44.27 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.26 | 45 | 192515 | 36.86 | ng | | 90 |
| 17) 2-Methylphenol | 8.16 | 107 | 183508 | 43.44 | ng | | 98 |
| 18) Hexachloroethane | 8.80 | 117 | 79753 | 39.46 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 8.53 | 70 | 145325 | 38.91 | ng | # | 87 |
| 20) 3+4-Methylphenols | 8.49 | 107 | 248180 | 42.46 | ng | | 97 |
| 22) Acetophenone | 8.55 | 105 | 302352 | 38.89 | ng | # | 89 |
| 24) Nitrobenzene | 8.92 | 77 | 221816 | 40.10 | ng | # | 89 |
| 25) Isophorone | 9.45 | 82 | 403574 | 39.00 | ng | | 98 |
| 26) 2-Nitrophenol | 9.63 | 139 | 113760 | 40.66 | ng | # | 92 |
| 27) 2,4-Dimethylphenol | 9.69 | 122 | 209446 | 43.00 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 9.93 | 93 | 258376 | 41.56 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.16 | 162 | 207973 | 44.82 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 10.38 | 180 | 206035 | 39.77 | ng | | 98 |
| 31) Naphthalene | 10.56 | 128 | 661805 | 39.87 | ng | | 100 |
| 32) Benzoic acid | 9.83 | 122 | 115960 | 40.34 | ng | | 97 |
| 33) 4-Chloroaniline | 10.67 | 127 | 61803 | 9.02 | ng | | 95 |
| 34) Hexachlorobutadiene | 10.85 | 225 | 121256 | 39.47 | ng | | 97 |
| 35) Caprolactam | 11.44 | 113 | 57485 | 37.47 | ng | # | 72 |
| 36) 4-Chloro-3-methylphenol | 11.80 | 107 | 211993 | 40.52 | ng | | 90 |
| 37) 2-Methylnaphthalene | 12.18 | 142 | 473880 | 41.62 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.56 | 216 | 221883 | 41.32 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.53 | 237 | 277605 | 92.69 | ng | | 98 |

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Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB87153BSD

Quant Time: Dec 10 03:43:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.80 | 196 | 153971 | 43.97 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 12.87 | 196 | 165236 | 44.90 | ng | # | 91 |
| 45) 1,1'-Biphenyl | 13.20 | 154 | 594058 | 40.11 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.24 | 162 | 449322 | 41.30 | ng | # | 93 |
| 47) 2-Nitroaniline | 13.45 | 65 | 109872 | 40.72 | ng | | 94 |
| 48) Acenaphthylene | 14.10 | 152 | 740056 | 40.80 | ng | | 99 |
| 49) Dimethylphthalate | 13.83 | 163 | 539828 | 39.22 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 13.95 | 165 | 118553 | 41.29 | ng | | 95 |
| 51) Acenaphthene | 14.44 | 154 | 422940 | 40.24 | ng | | 100 |
| 52) 3-Nitroaniline | 14.28 | 138 | 50385 | 17.15 | ng | | 85 |
| 53) 2,4-Dinitrophenol | 14.49 | 184 | 110750 | 69.25 | ng | # | 78 |
| 54) Dibenzofuran | 14.77 | 168 | 667526 | 43.98 | ng | | 94 |
| 55) 4-Nitrophenol | 14.59 | 139 | 190069 | 78.32 | ng | | 82 |
| 56) 2,4-Dinitrotoluene | 14.74 | 165 | 155315 | 41.69 | ng | # | 69 |
| 57) Fluorene | 15.43 | 166 | 509005 | 40.45 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.00 | 232 | 129218 | 45.67 | ng | # | 100 |
| 59) Diethylphthalate | 15.20 | 149 | 526591 | 38.97 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.42 | 204 | 249083 | 39.14 | ng | | 94 |
| 61) 4-Nitroaniline | 15.44 | 138 | 112401 | 37.45 | ng | # | 75 |
| 62) Azobenzene | 15.72 | 77 | 467068 | 44.09 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 15.50 | 198 | 74640 | 38.73 | ng | | 85 |
| 65) n-Nitrosodiphenylamine | 15.63 | 169 | 443305 | 43.90 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.32 | 248 | 143823 | 41.76 | ng | # | 86 |
| 67) Hexachlorobenzene | 16.43 | 284 | 157562 | 42.58 | ng | # | 81 |
| 68) Atrazine | 16.59 | 200 | 141599 | 44.96 | ng | | 98 |
| 69) Pentachlorophenol | 16.77 | 266 | 177426 | 84.00 | ng | | 98 |
| 70) Phenanthrene | 17.16 | 178 | 754155 | 42.08 | ng | | 99 |
| 71) Anthracene | 17.26 | 178 | 762801 | 42.83 | ng | | 99 |
| 72) Carbazole | 17.53 | 167 | 669312 | 43.14 | ng | | 100 |
| 73) Di-n-butylphthalate | 18.09 | 149 | 781995 | 43.12 | ng | | 99 |
| 74) Fluoranthene | 19.19 | 202 | 782483 | 42.33 | ng | | 98 |
| 76) Benzidine | 19.37 | 184 | 324233 | 34.81 | ng | | 99 |
| 77) Pyrene | 19.55 | 202 | 808628 | 39.66 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.45 | 149 | 322521 | 41.07 | ng | | 94 |
| 80) Benzo(a)anthracene | 21.30 | 228 | 735775 | 42.21 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 21.23 | 252 | 152543 | 27.48 | ng | | 99 |
| 82) Chrysene | 21.35 | 228 | 665100 | 39.64 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.23 | 149 | 453624 | 42.12 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.11 | 149 | 804317 | 45.20 | ng | # | 94 |
| 85) Indeno(1,2,3-cd)pyrene | 25.85 | 276 | 851528 | 48.30 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 22.89 | 252 | 744894 | 42.54 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 22.94 | 252 | 691112 | 40.43 | ng | | 100 |
| 89) Benzo(a)pyrene | 23.47 | 252 | 710103 | 43.11 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 25.86 | 278 | 710001 | 44.15 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 26.55 | 276 | 725519 | 44.66 | ng | | 98 |

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

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Operator : UM/IZ
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ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Quant Time: Dec 10 03:43:35 2015
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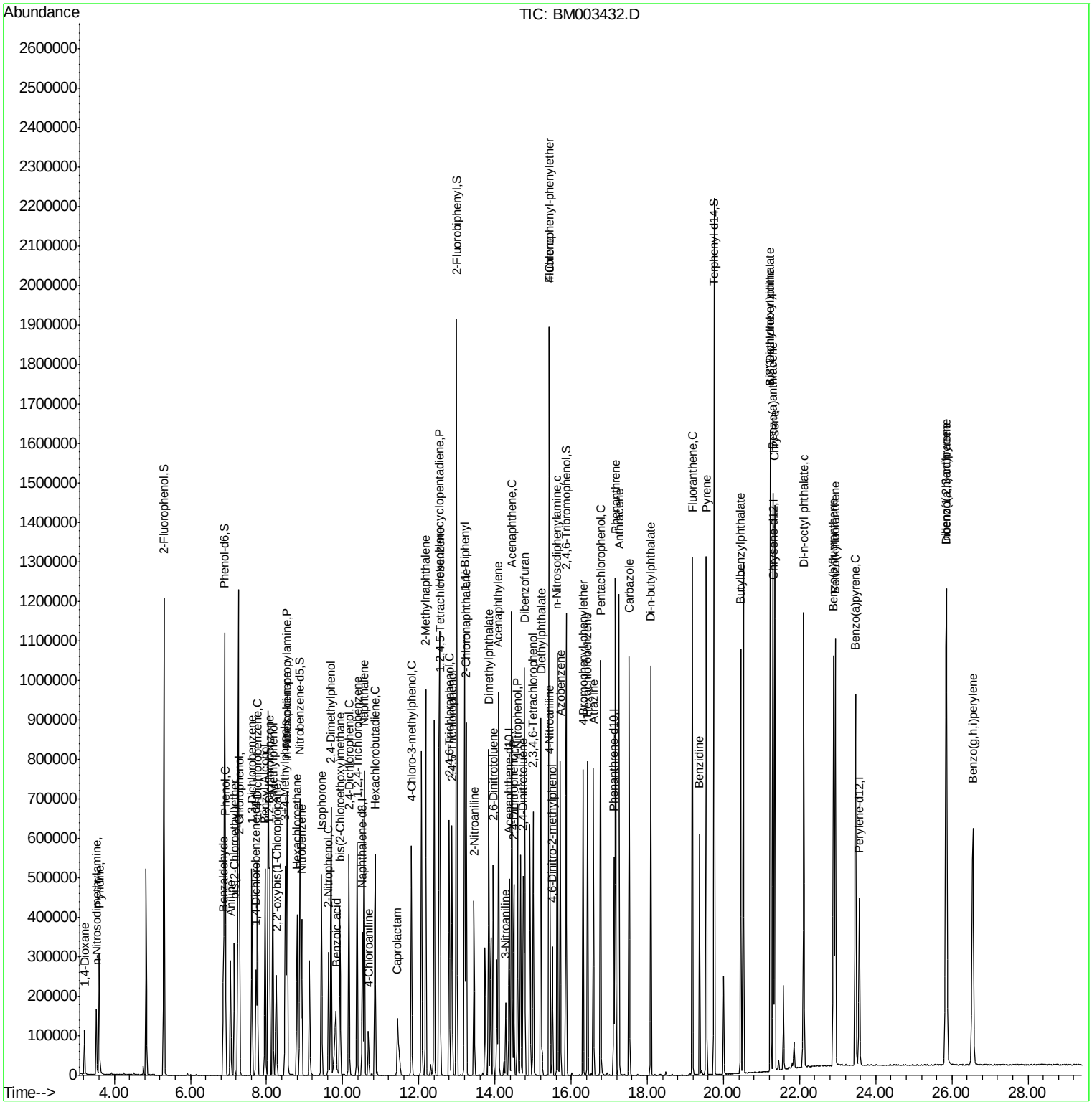
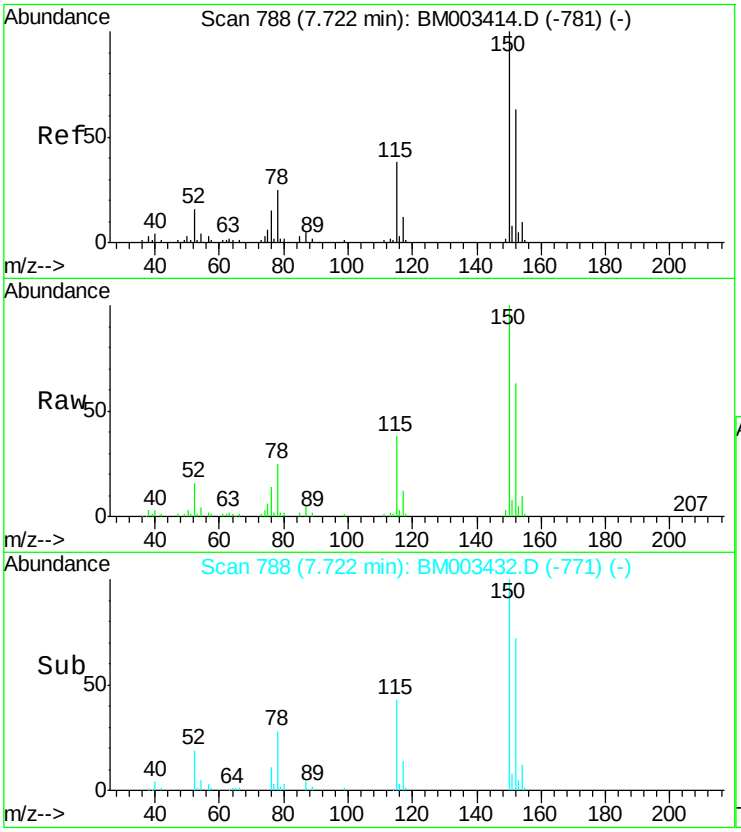
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration



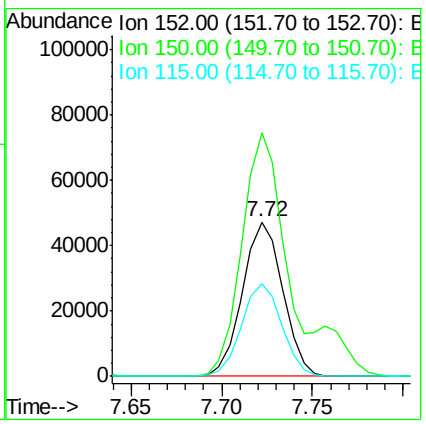


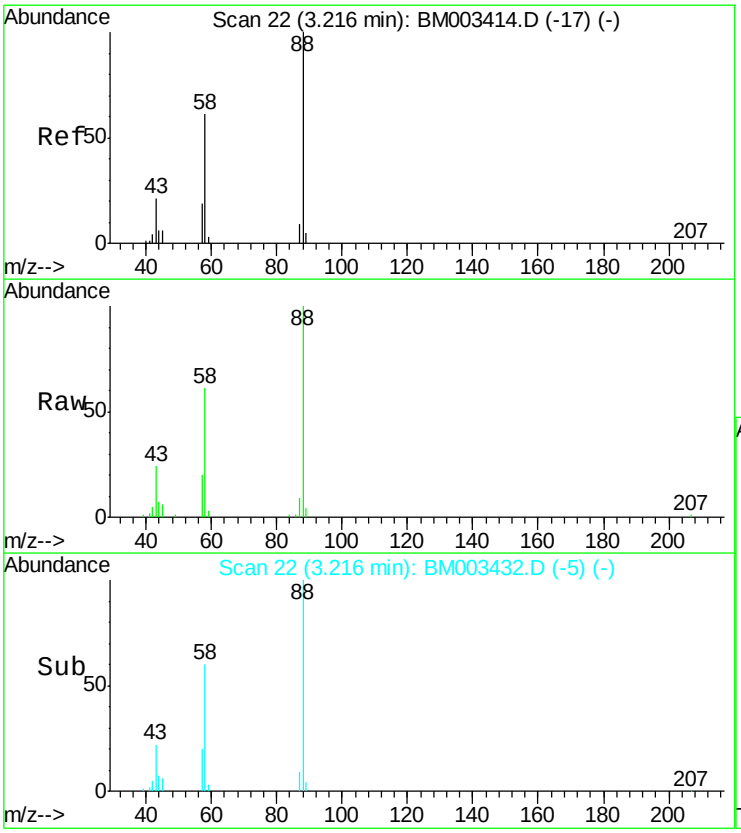

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:152 Resp: 72909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.0 | 119.5 | 179.3 |
| 115 | 60.2 | 43.0 | 64.4 |

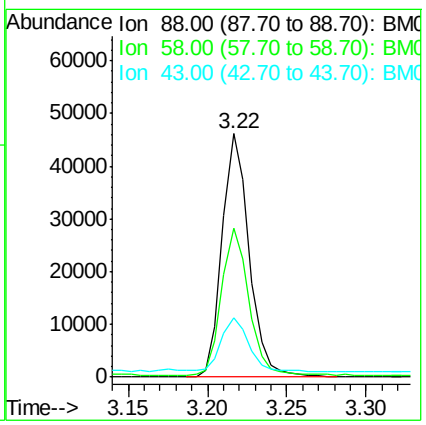


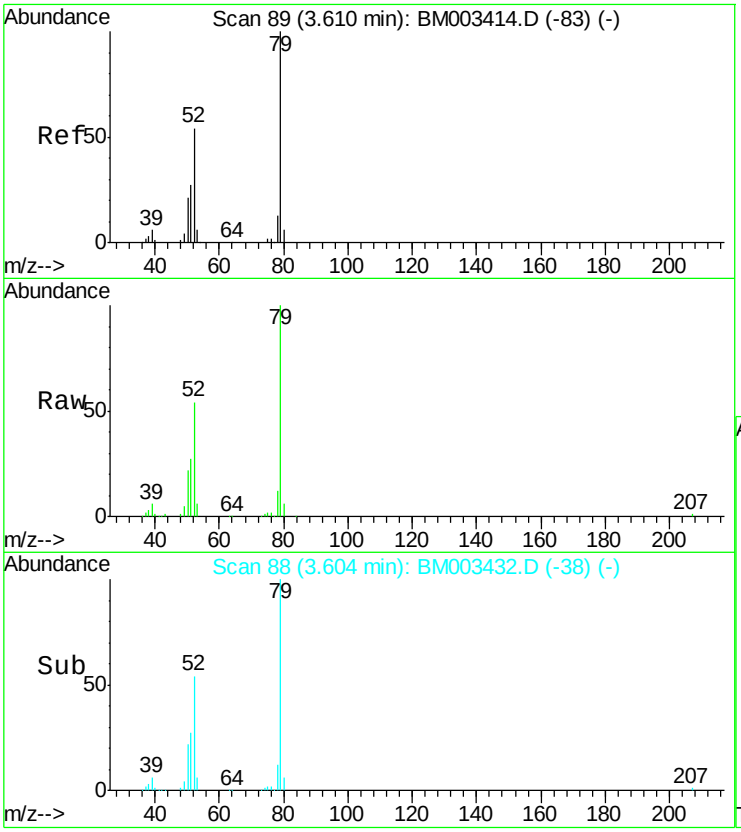




#2
1,4-Dioxane
Concen: 32.23 ng
RT: 3.22 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion: 88 Resp: 54837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 60.9 | 0.0 | 0.0# |
| 43 | 22.3 | 0.0 | 0.0# |



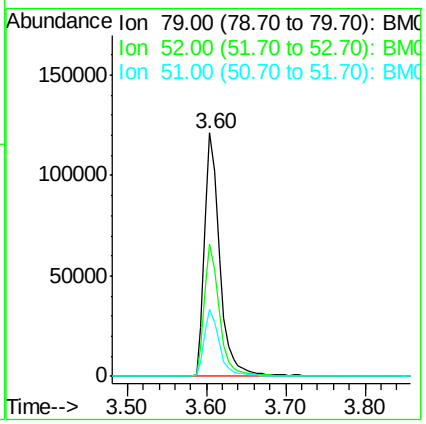


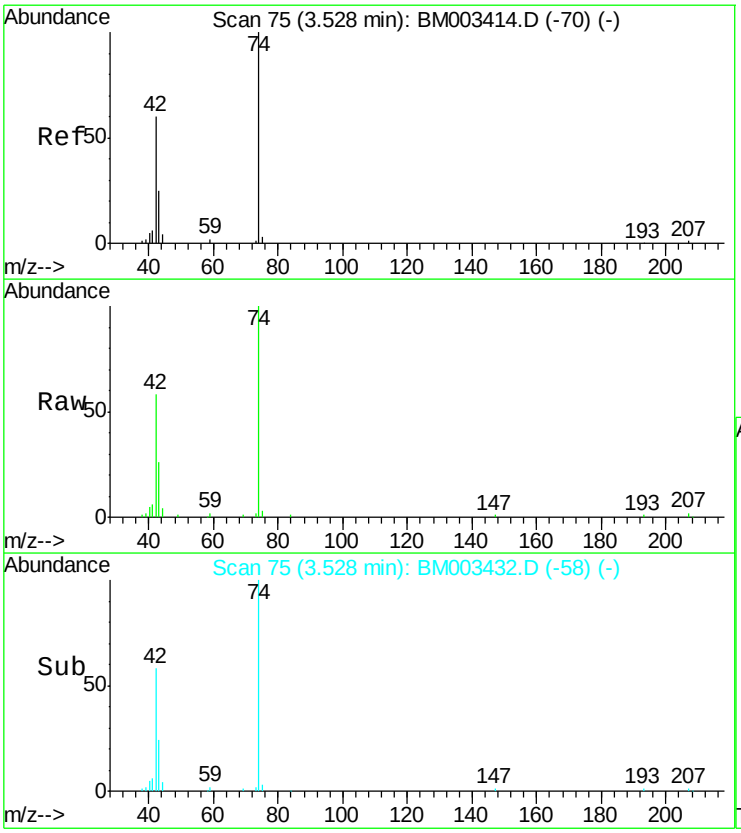

#3
Pyridine
Concen: 34.55 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion: 79 Resp: 164708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 54.2 | 51.1 | 76.7 |
| 51 | 27.4 | 26.1 | 39.1 |

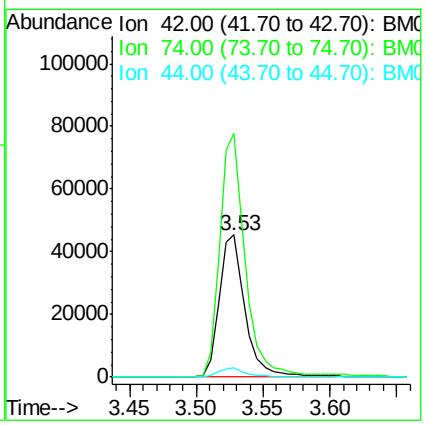


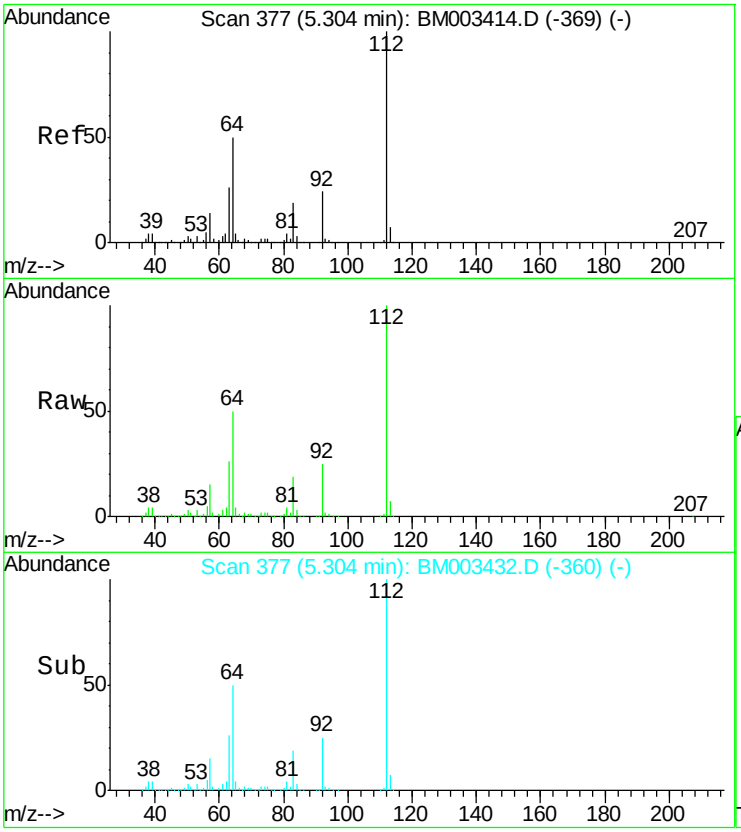




#4
n-Nitrosodimethylamine
Concen: 40.71 ng
RT: 3.53 min Scan# 75
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion: 42 Resp: 62123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 171.4 | 119.3 | 178.9 |
| 44 | 6.2 | 5.4 | 8.2 |



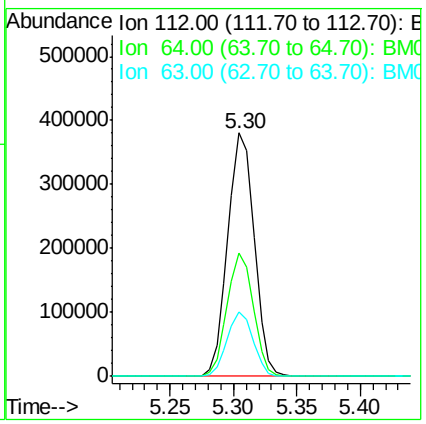


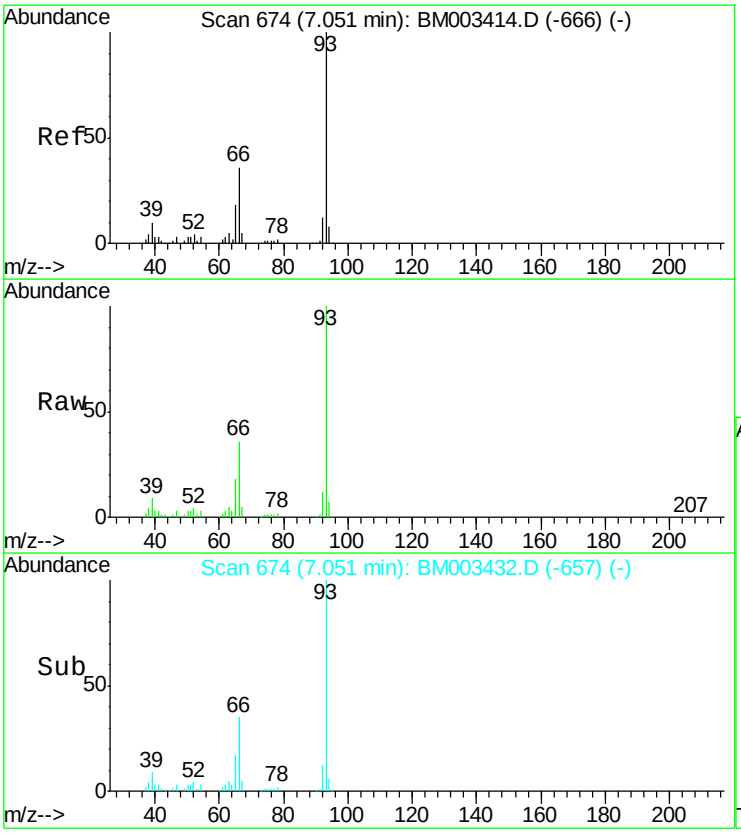

#5
2-Fluorophenol
Concen: 134.47 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:112 Resp: 551436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.4 | 38.6 | 57.8 |
| 63 | 26.3 | 19.3 | 28.9 |

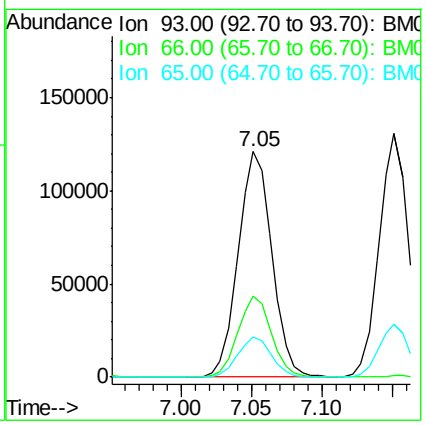


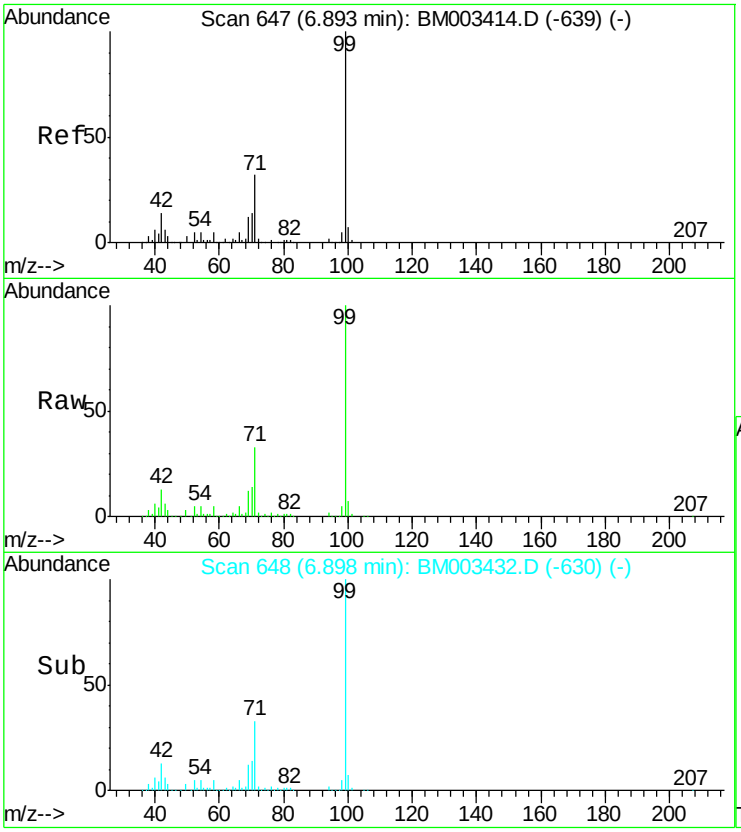




#6
Aniline
Concen: 26.94 ng
RT: 7.05 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion: 93 Resp: 201933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.9 | 30.8 | 46.2 |
| 65 | 17.8 | 16.0 | 24.0 |



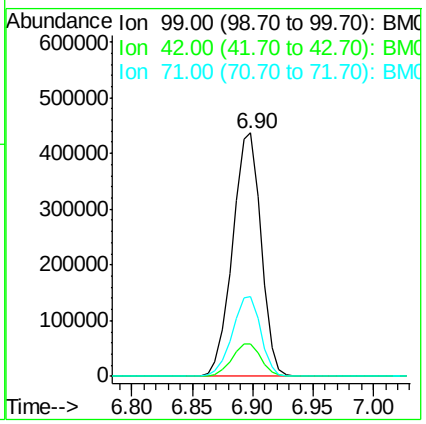


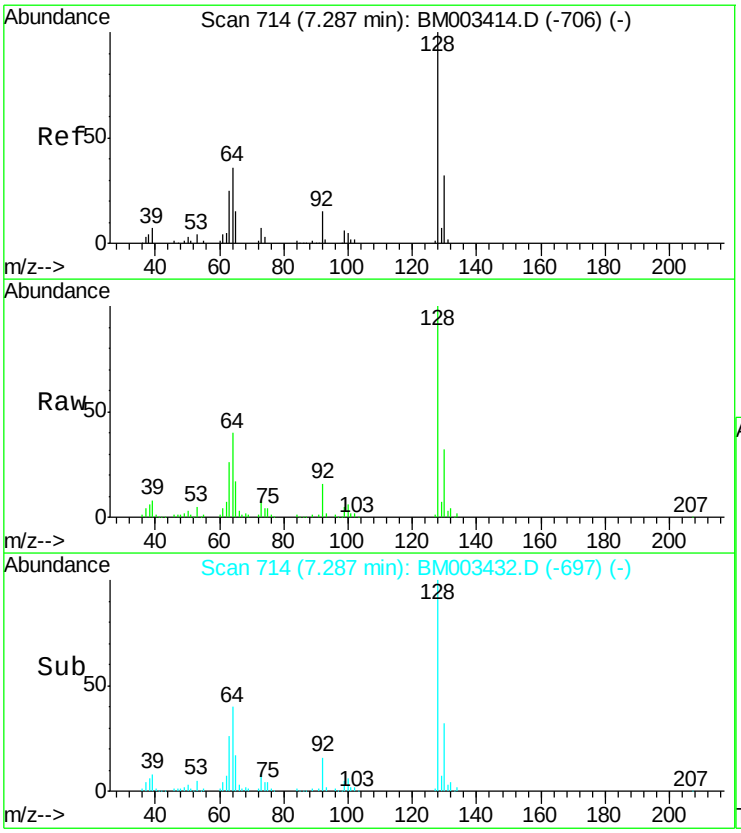

#7
Phenol-d6
Concen: 126.20 ng
RT: 6.90 min Scan# 648
Delta R.T. 0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion: 99 Resp: 718646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.3 | 11.0 | 16.4 |
| 71 | 32.9 | 23.4 | 35.2 |

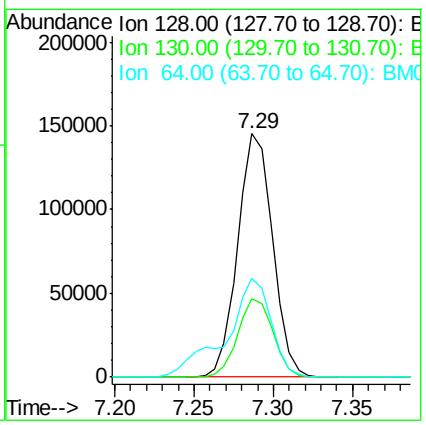


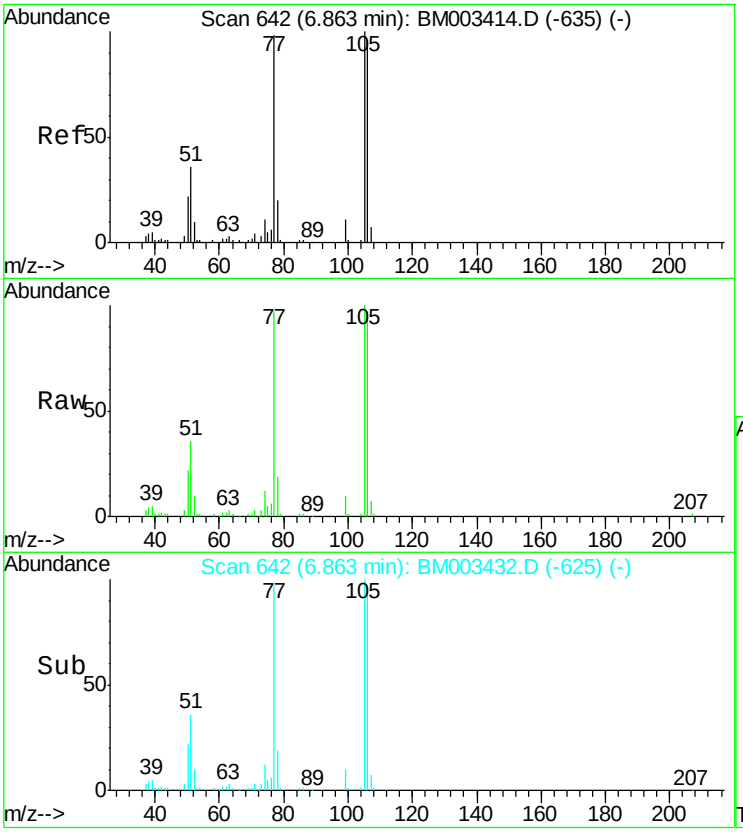




#8
2-Chlorophenol
Concen: 42.78 ng
RT: 7.29 min Scan# 714
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:128 Resp: 222149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.0 | 12.0 | 52.0 |
| 64 | 40.5 | 24.9 | 64.9 |



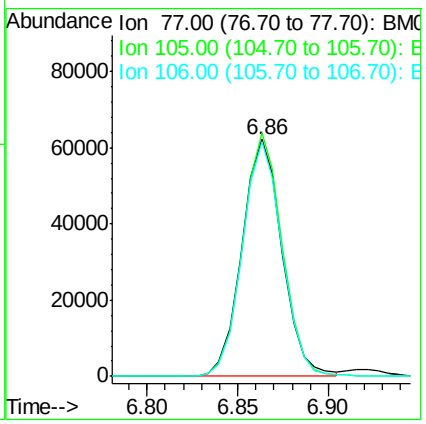


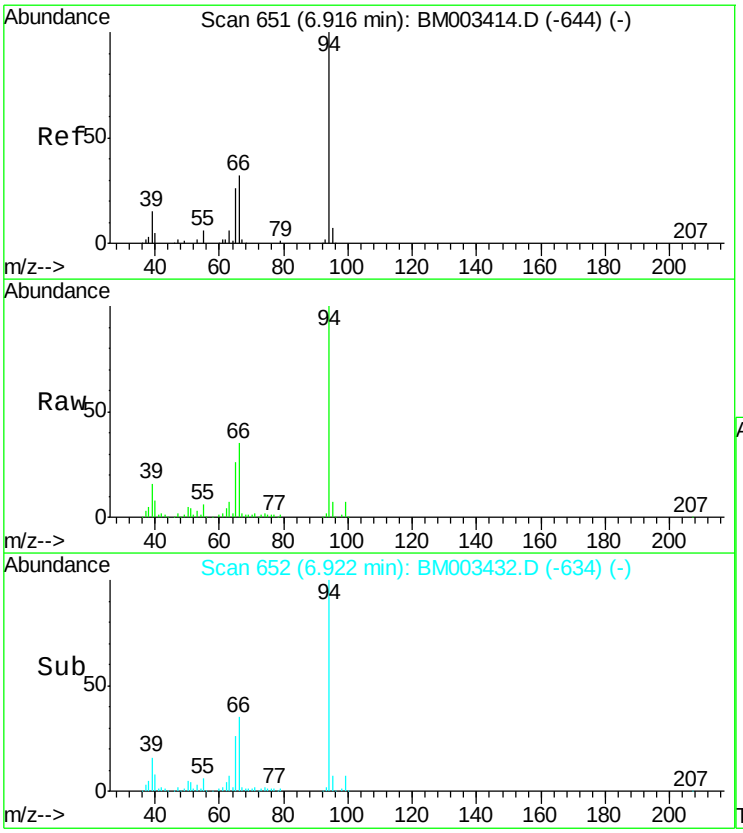

#9
Benzaldehyde
Concen:  34.16 ng
RT: 6.86 min  Scan# 642
Delta R.T.  -0.00 min
Lab File:  BM003432.D
Acq: 10 Dec 2015  02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion: 77 Resp:  95369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.8 | 78.8 | 118.8 |
| 106 | 99.2 | 73.7 | 113.7 |

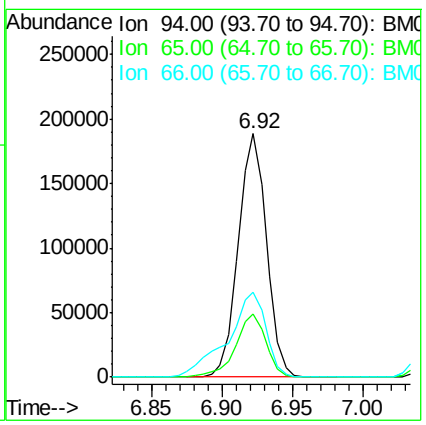


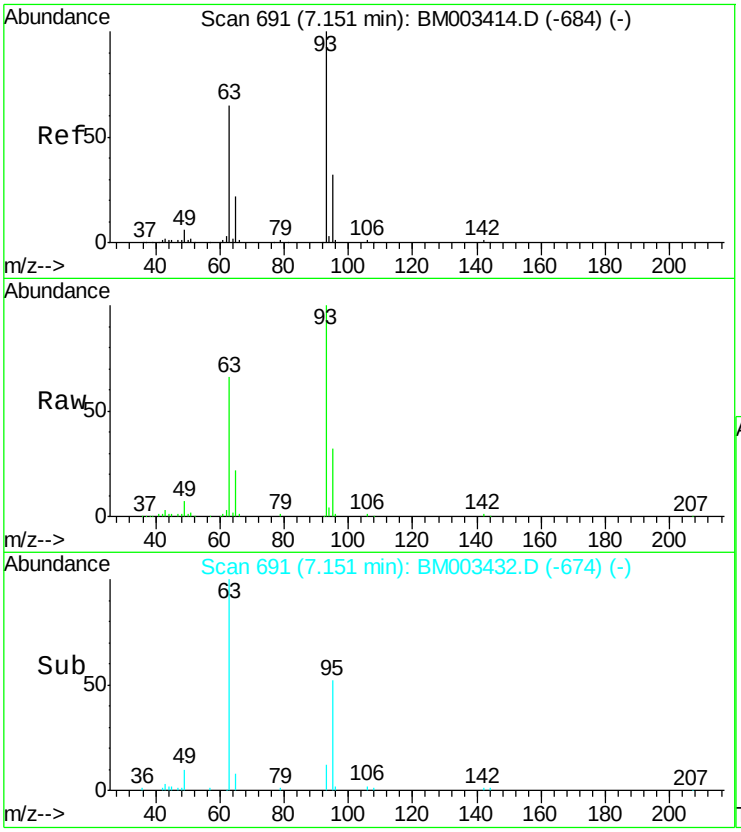




#10
Phenol
Concen:  43.66 ng
RT: 6.92 min  Scan# 652
Delta R.T.  0.01 min
Lab File:  BM003432.D
Acq: 10 Dec 2015  02:55

Tgt Ion: 94 Resp:  263795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.7 | 18.8 | 58.8 |
| 66 | 34.8 | 39.9 | 79.9# |



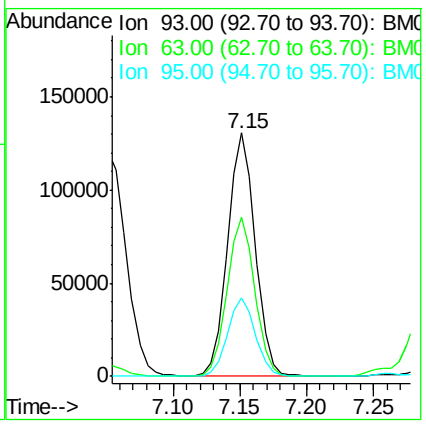


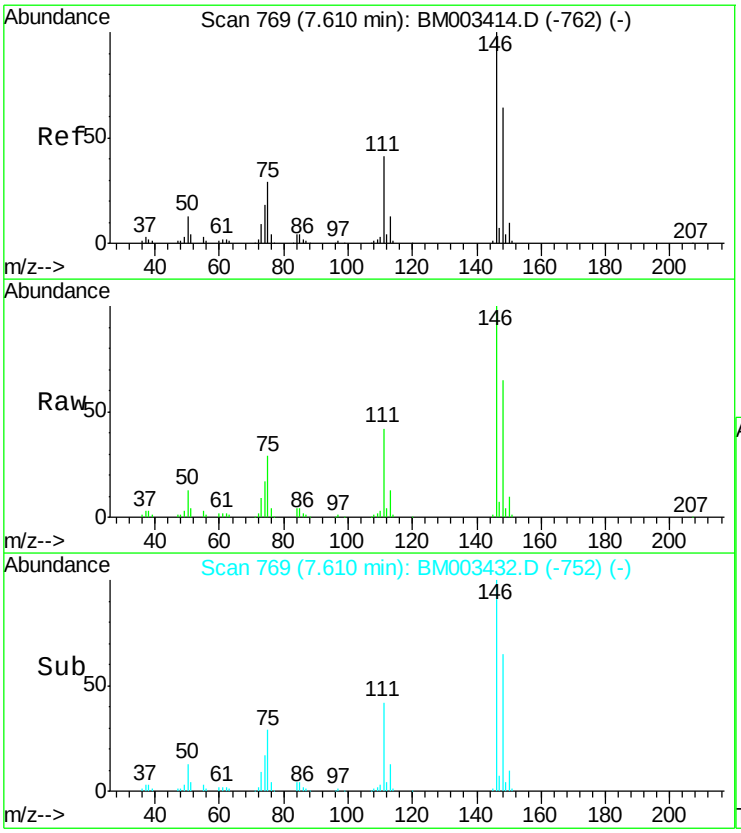

#11
bis(2-Chloroethyl)ether
Concen: 38.37 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion: 93 Resp: 187556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 65.6 | 49.5 | 89.5 |
| 95 | 32.2 | 13.5 | 53.5 |

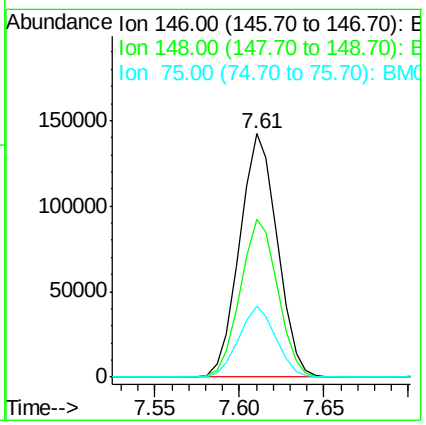


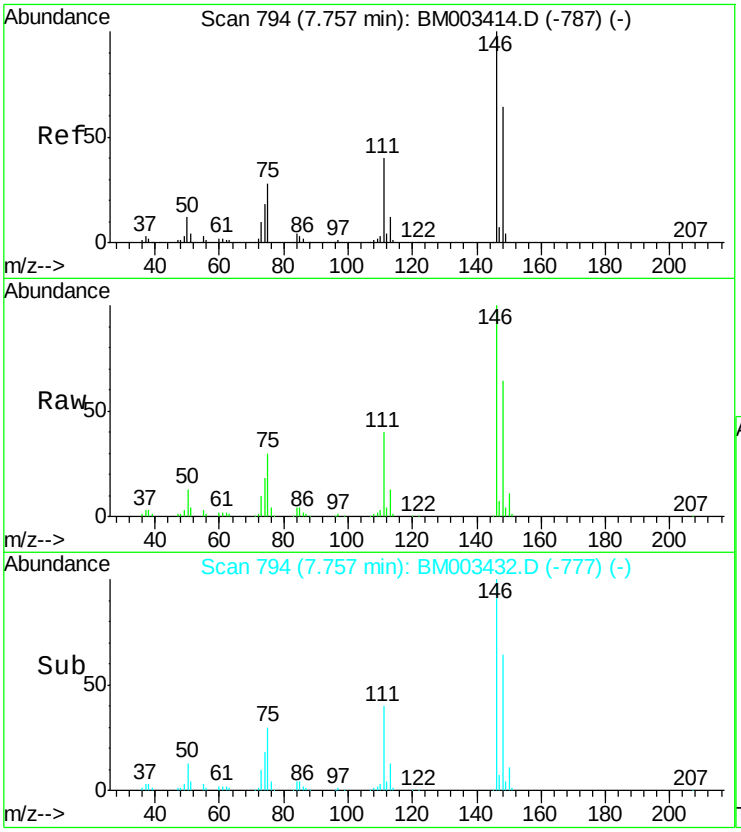




#12
1,3-Dichlorobenzene
Concen: 38.67 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:146 Resp: 220558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 50.9 | 76.3 |
| 75 | 28.9 | 21.4 | 32.2 |



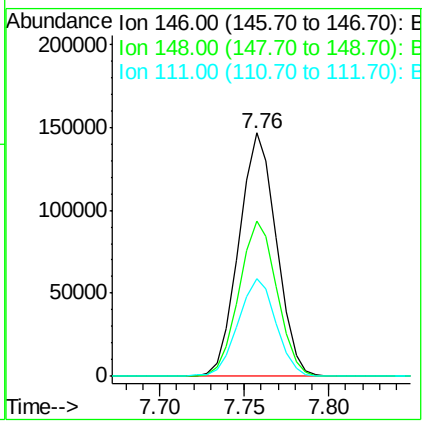


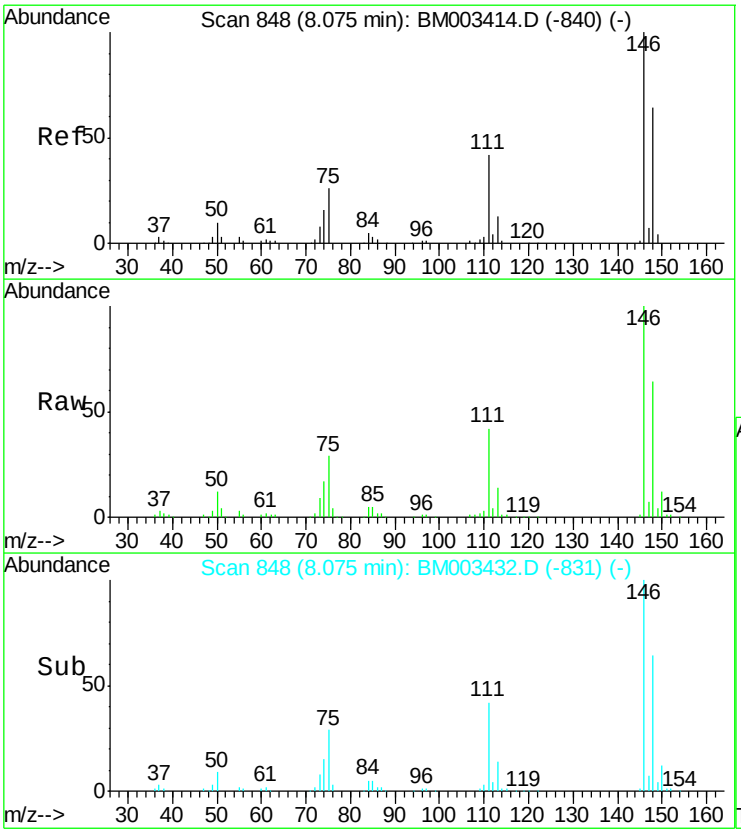

#13
1,4-Dichlorobenzene
Concen: 38.56 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:146 Resp: 226777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 51.9 | 77.9 |
| 111 | 40.1 | 29.2 | 43.8 |

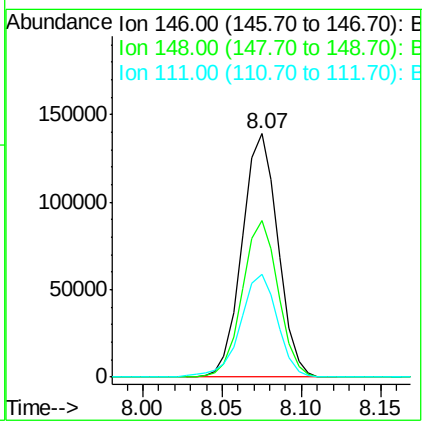


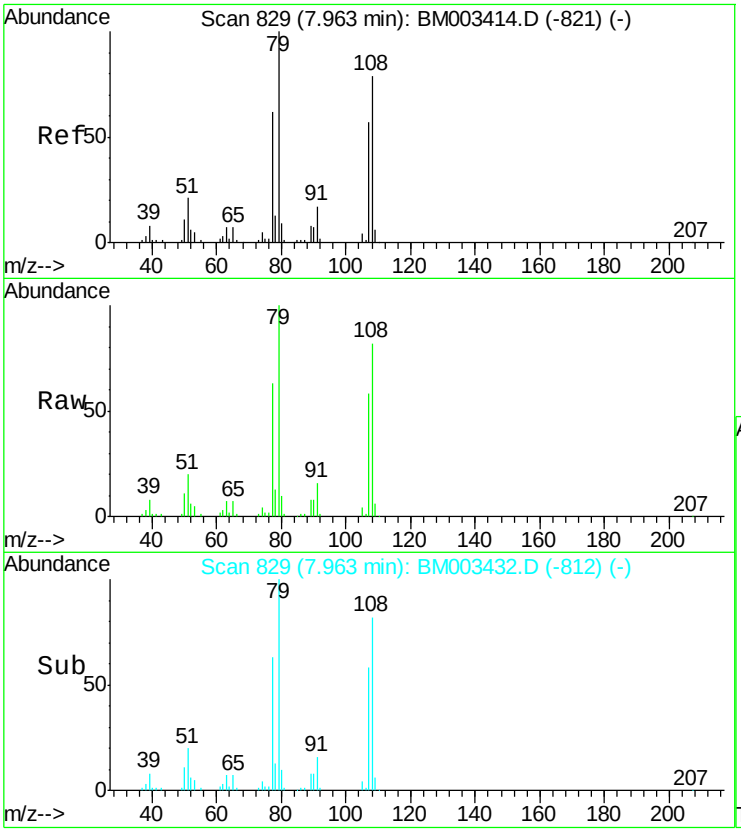




#14
1,2-Dichlorobenzene
Concen: 38.93 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:146 Resp: 218654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 52.3 | 78.5 |
| 111 | 42.2 | 30.6 | 45.8 |



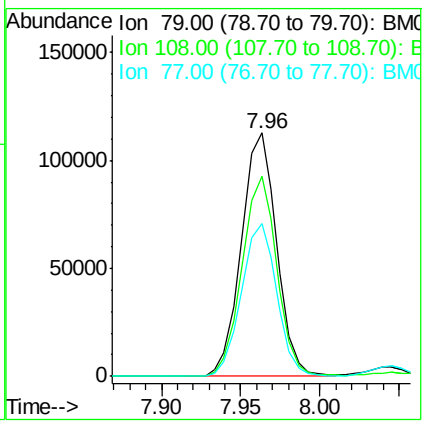


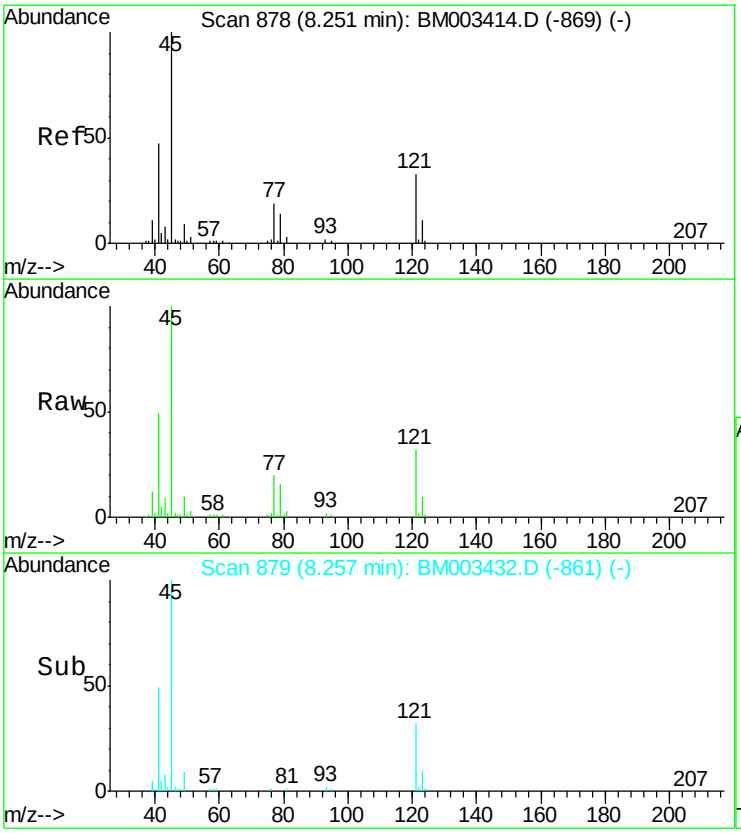

#15
Benzyl Alcohol
Concen: 44.27 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion: 79 Resp: 174440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.2 | 65.0 | 97.4 |
| 77 | 63.0 | 53.0 | 79.6 |

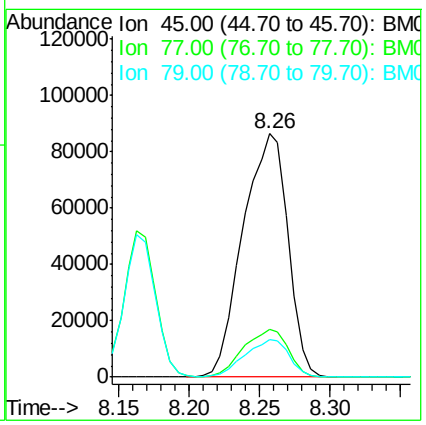


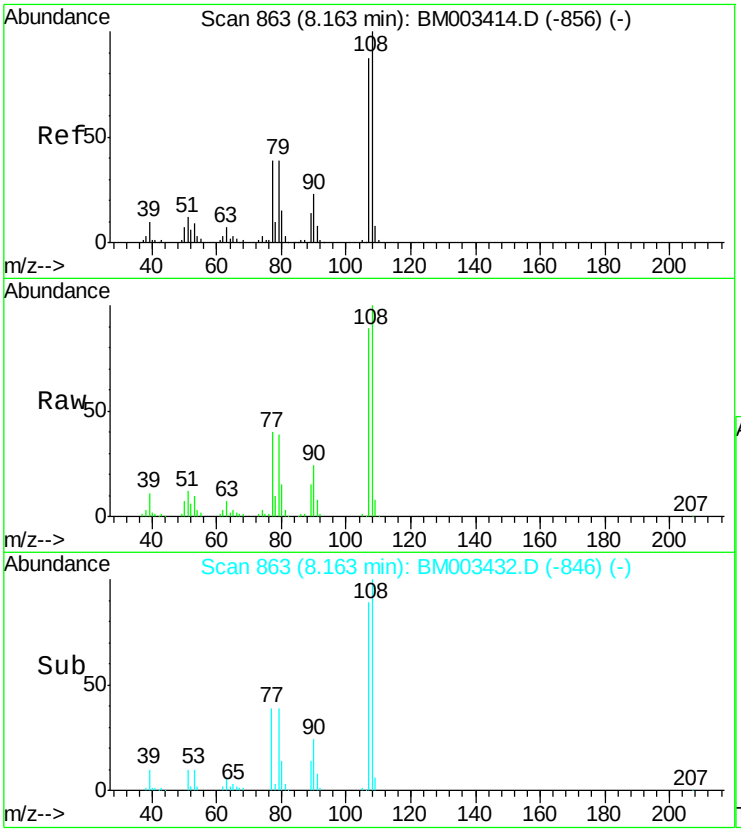




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.86 ng
RT: 8.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion: 45 Resp: 192515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 19.6 | 0.0 | 35.2 |
| 79 | 15.6 | 0.0 | 32.0 |



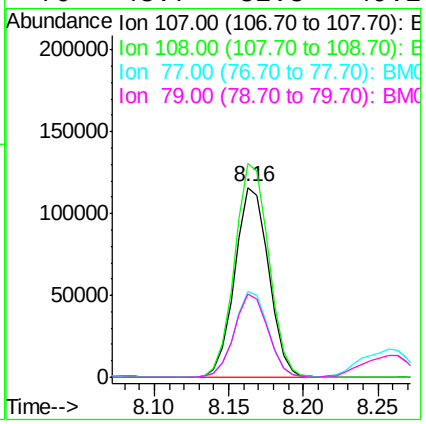


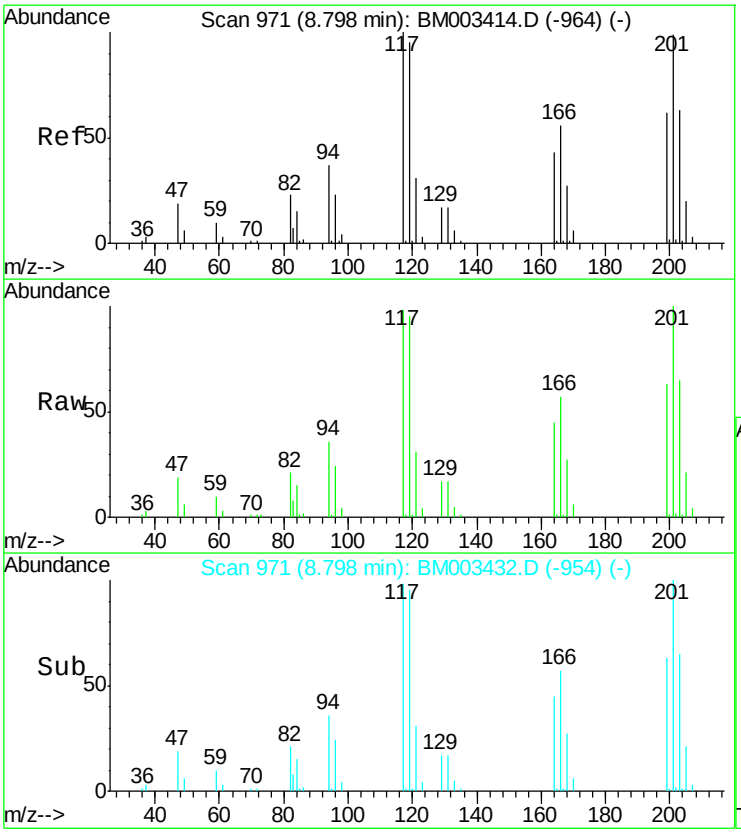

#17
2-Methylphenol
Concen: 43.44 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:107 Resp: 183508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.6 | 89.8 | 134.8 |
| 77 | 44.9 | 32.6 | 48.8 |
| 79 | 43.7 | 32.8 | 49.2 |

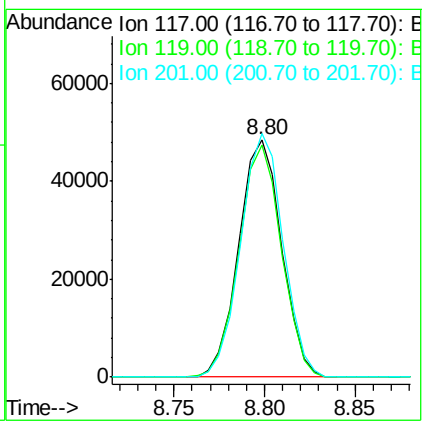


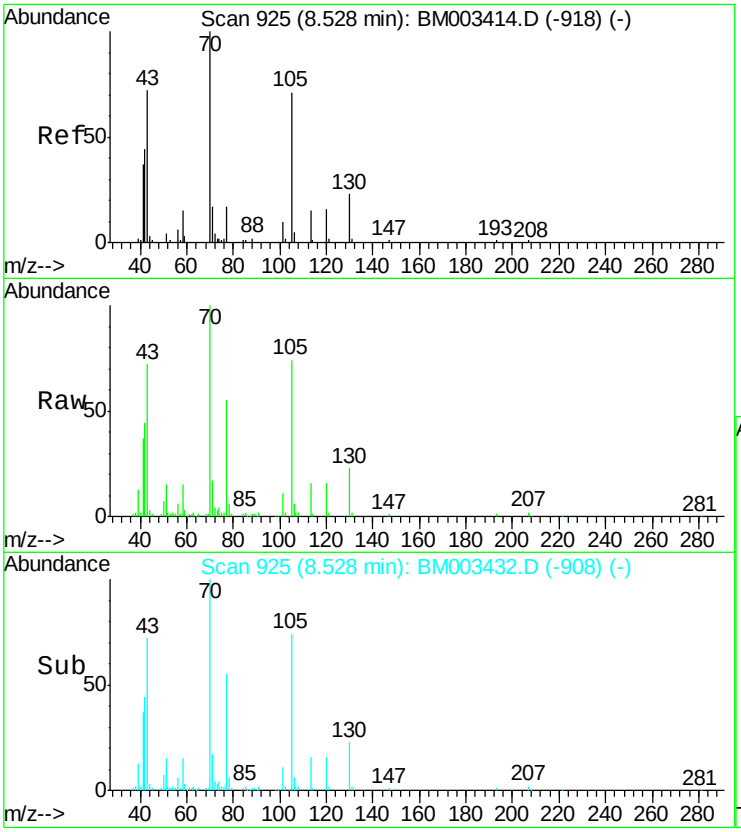




#18
Hexachloroethane
Concen: 39.46 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:117 Resp: 79753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.7 | 79.2 | 118.8 |
| 201 | 102.4 | 69.8 | 104.6 |



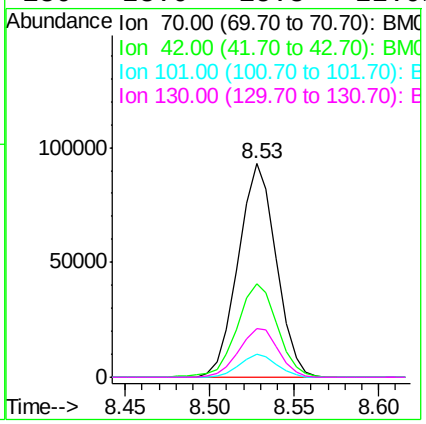


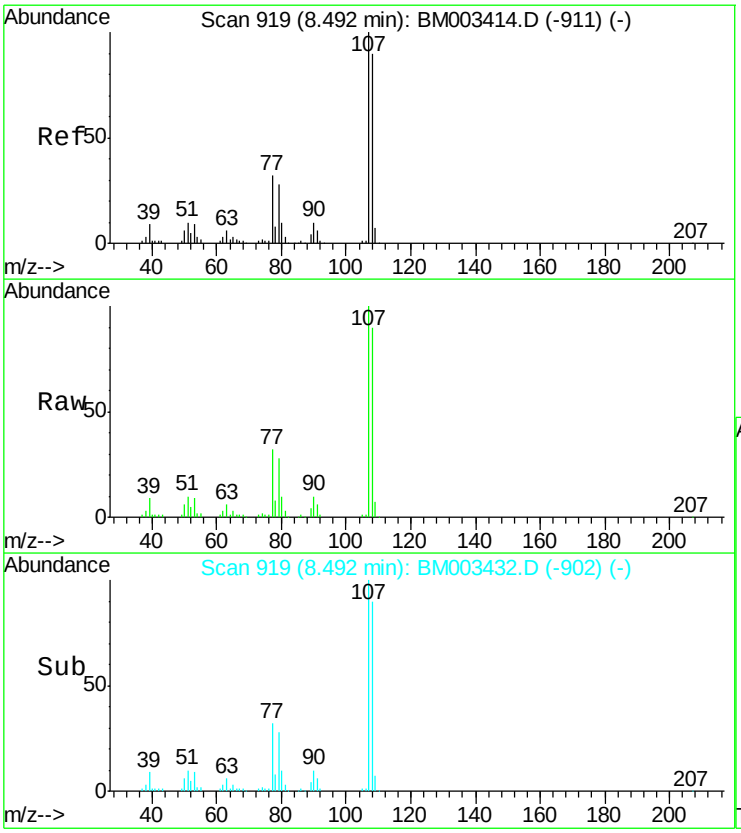

#19
n-Nitroso-di-n-propylamine
Concen: 38.91 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion: 70 Resp: 145325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 44.0 | 44.5 | 66.7# |
| 101 | 10.6 | 7.4 | 11.2 |
| 130 | 23.0 | 15.3 | 22.9# |

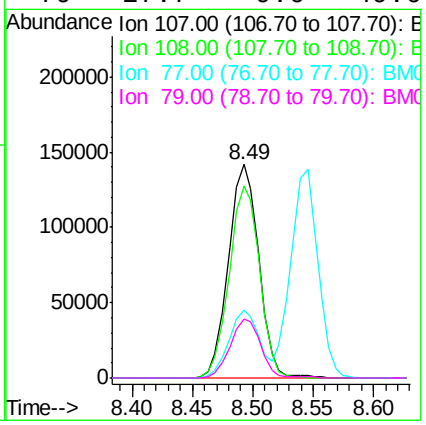


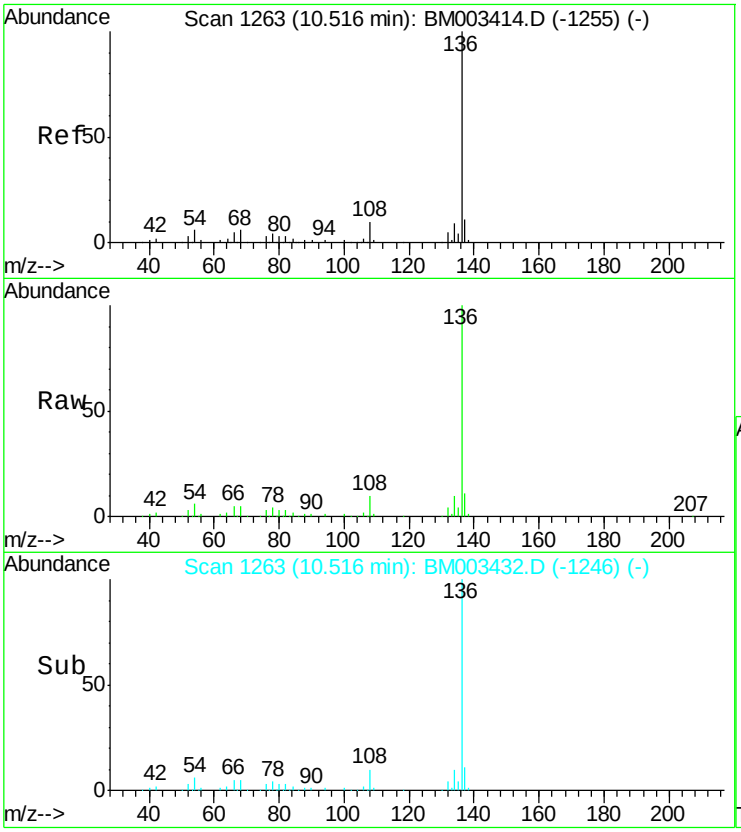




#20
3+4-Methylphenols
Concen: 42.46 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:107 Resp: 248180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.0 | 73.2 | 113.2 |
| 77 | 31.7 | 10.7 | 50.7 |
| 79 | 27.7 | 9.6 | 49.6 |



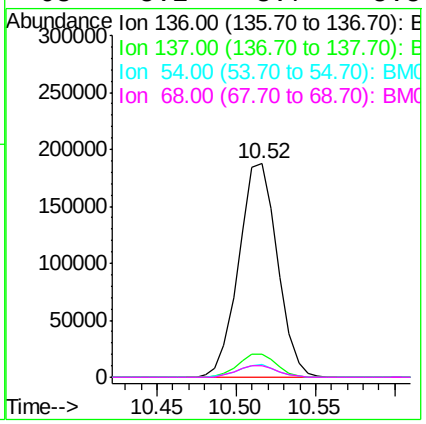


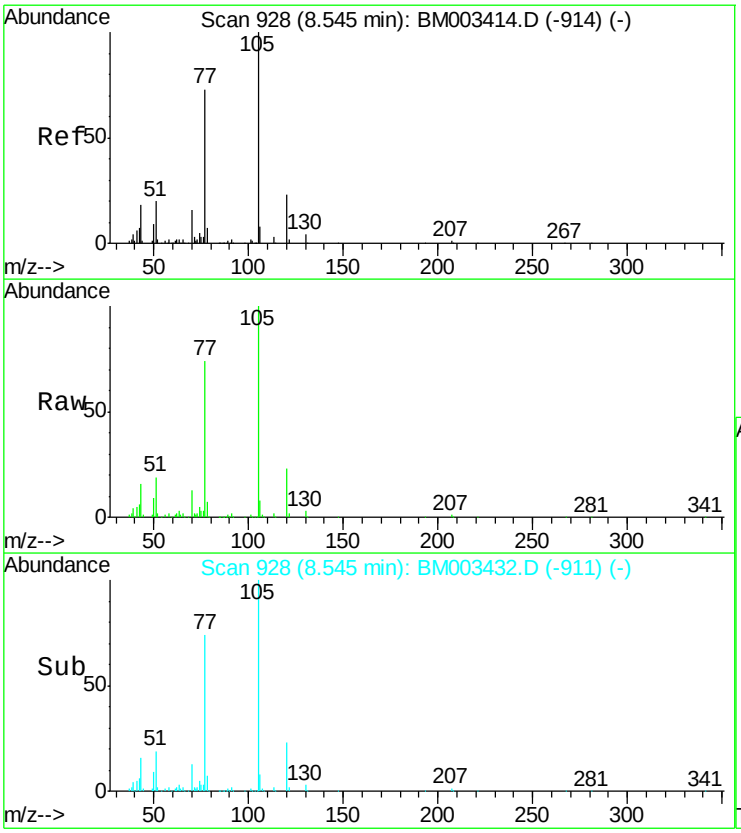

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:136 Resp: 317197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.7 | 13.1 |
| 54 | 5.8 | 4.6 | 6.8 |
| 68 | 5.2 | 3.7 | 5.5 |

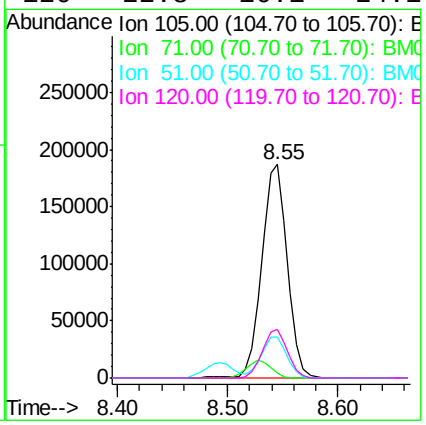


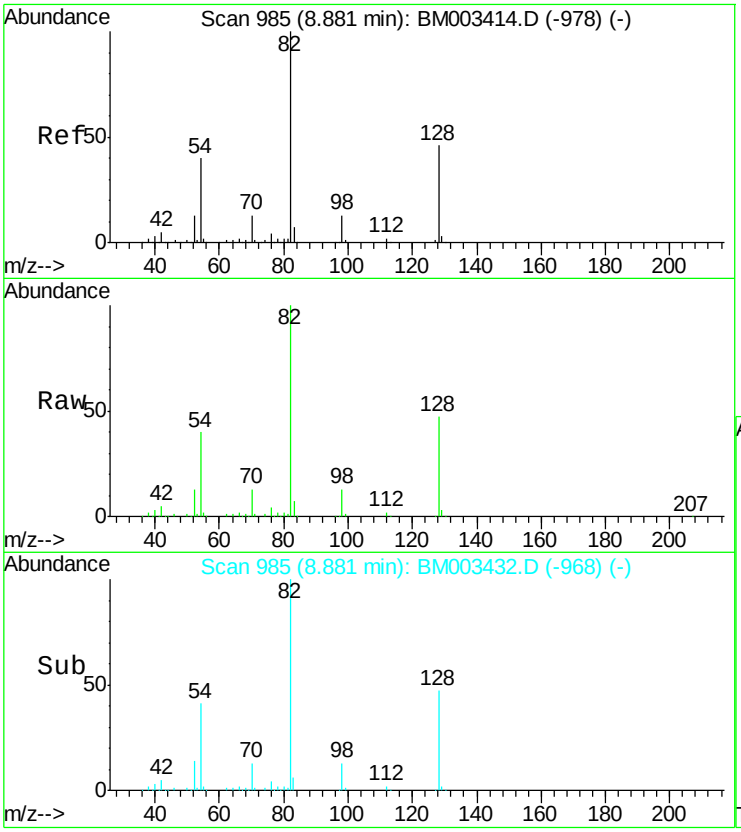




#22
Acetophenone
Concen: 38.89 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:105 Resp: 302352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.1 | 0.6 | 1.0# |
| 51 | 19.5 | 21.6 | 32.4# |
| 120 | 22.8 | 16.1 | 24.1 |



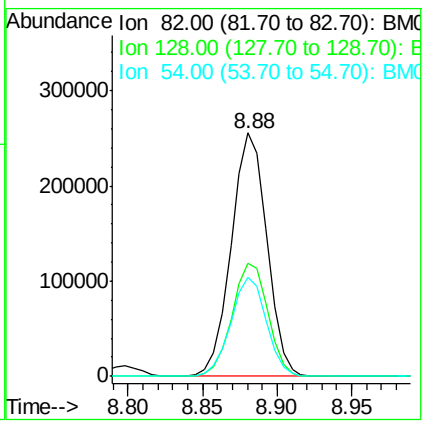


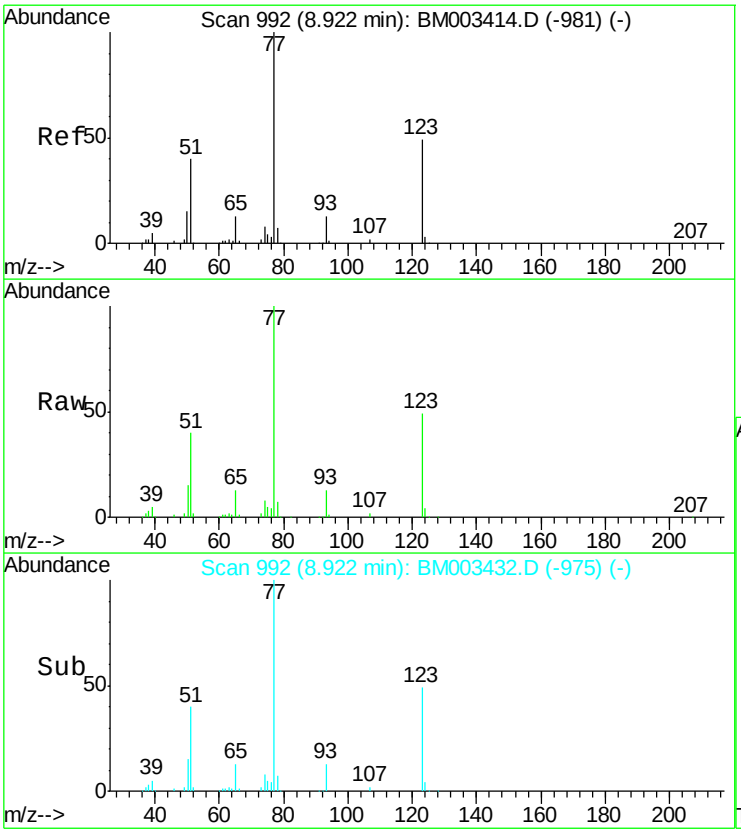

#23
Nitrobenzene-d5
Concen: 82.91 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion: 82 Resp: 424152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.7 | 32.8 | 49.2 |
| 54 | 40.5 | 40.6 | 60.8# |

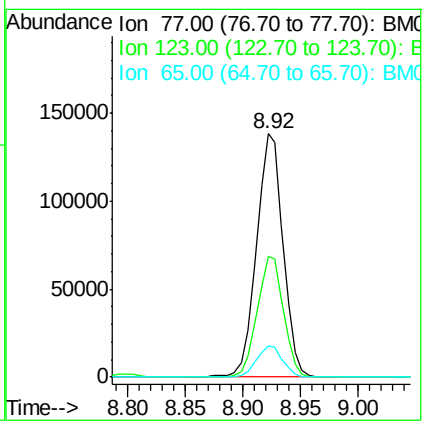


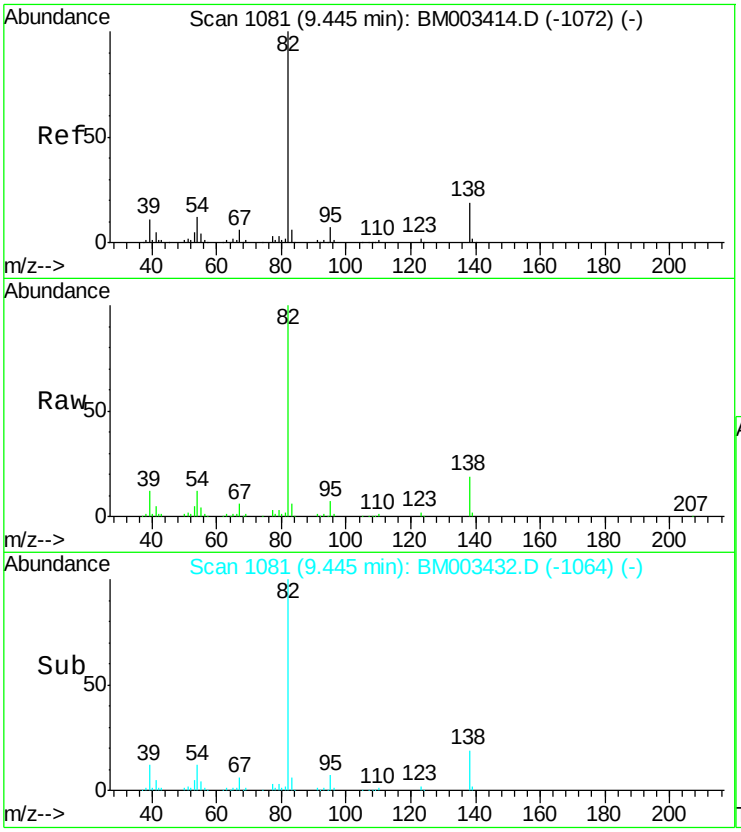




#24
Nitrobenzene
Concen: 40.10 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion: 77 Resp: 221816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.4 | 32.6 | 49.0# |
| 65 | 12.8 | 10.9 | 16.3 |



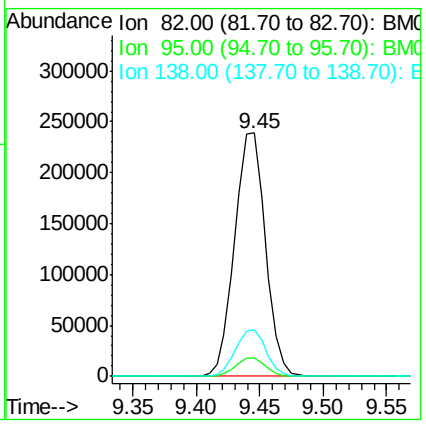


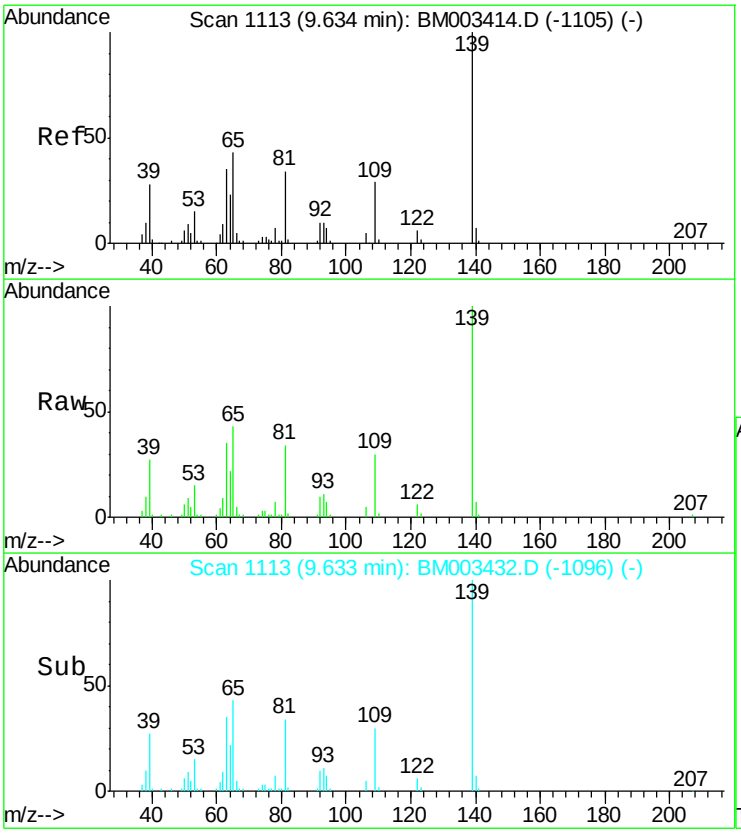

#25
Isophorone
Concen: 39.00 ng
RT: 9.45 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion: 82 Resp: 403574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.3 | 5.8 | 8.6 |
| 138 | 19.1 | 16.3 | 24.5 |

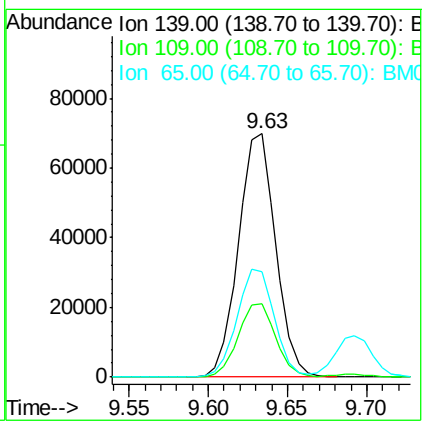


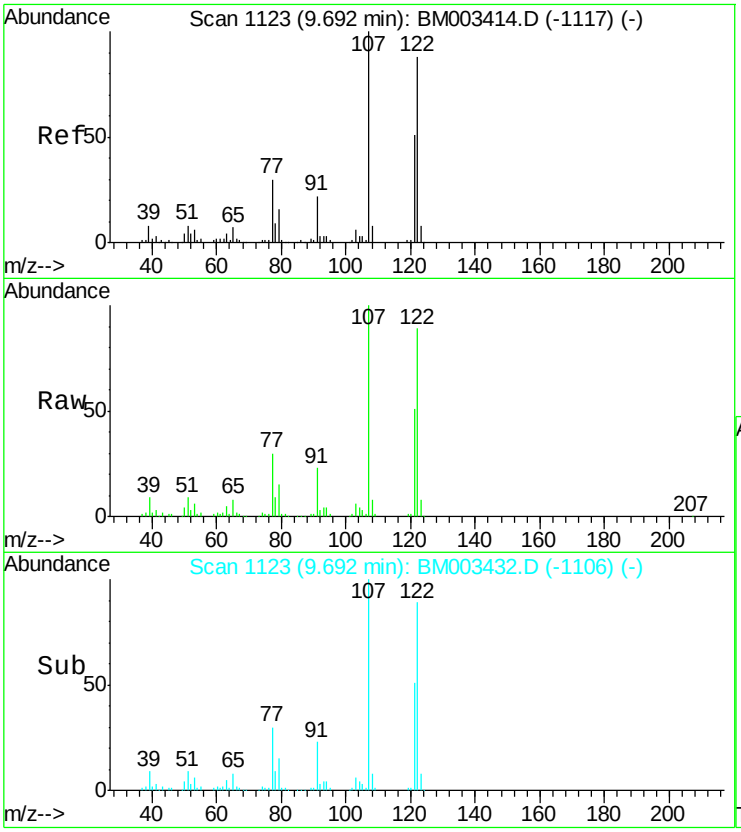




#26
2-Nitrophenol
Concen: 40.66 ng
RT: 9.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:139 Resp: 113760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.2 | 20.1 | 30.1# |
| 65 | 43.0 | 31.5 | 47.3 |



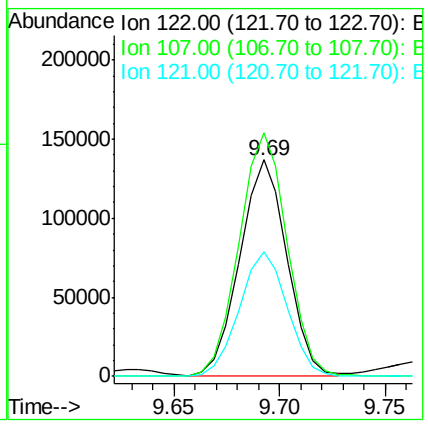


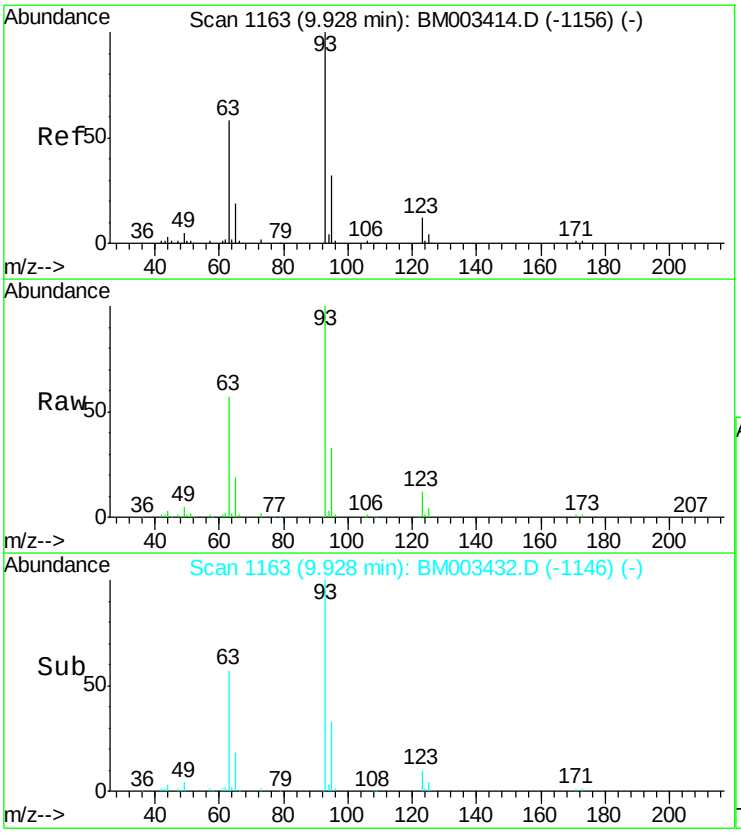

#27
2,4-Dimethylphenol
Concen: 43.00 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:122 Resp: 209446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.6 | 84.7 | 127.1 |
| 121 | 57.6 | 46.6 | 69.8 |

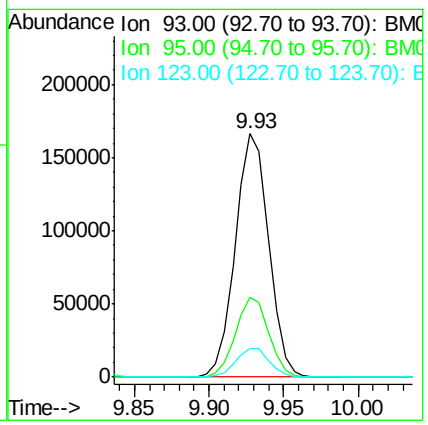


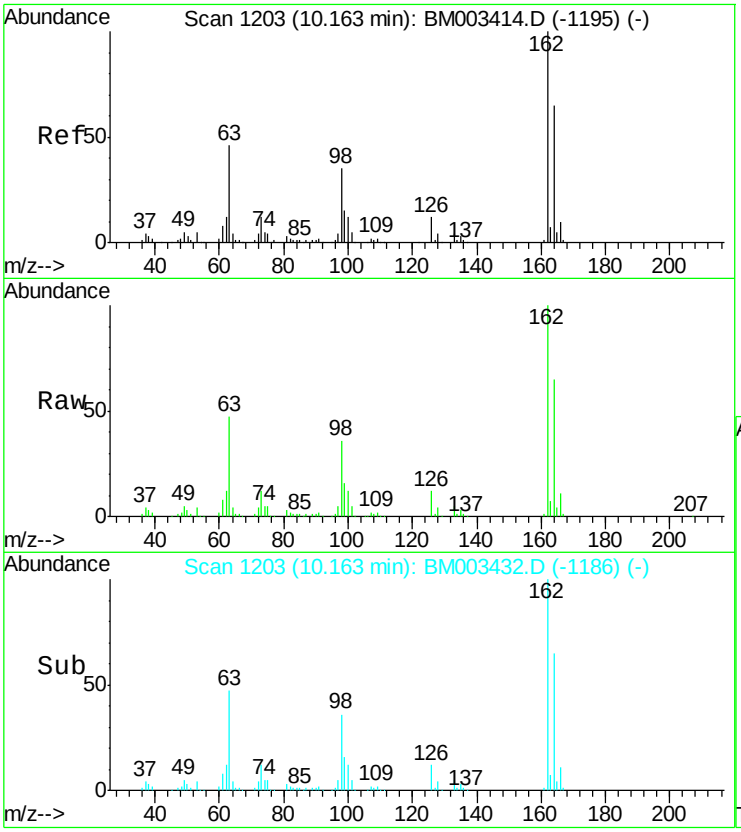




#28
bis(2-Chloroethoxy)methane
Concen: 41.56 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion: 93 Resp: 258376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 25.5 | 38.3 |
| 123 | 11.9 | 8.6 | 13.0 |



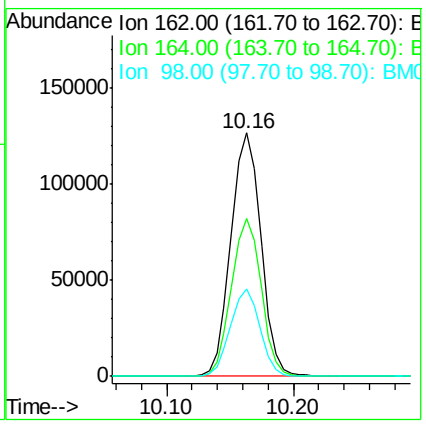


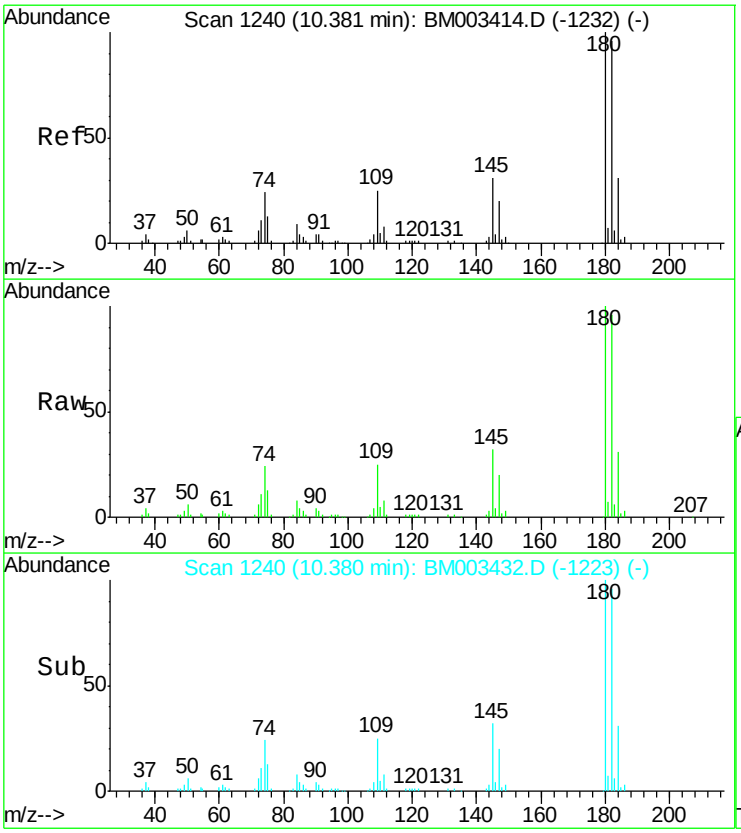

#29
2,4-Dichlorophenol
Concen: 44.82 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:162 Resp: 207973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.9 | 42.8 | 82.8 |
| 98 | 36.1 | 14.5 | 54.5 |

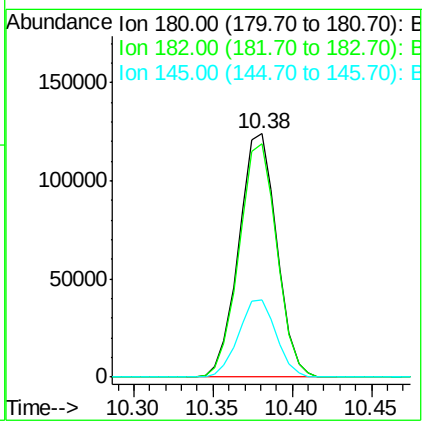


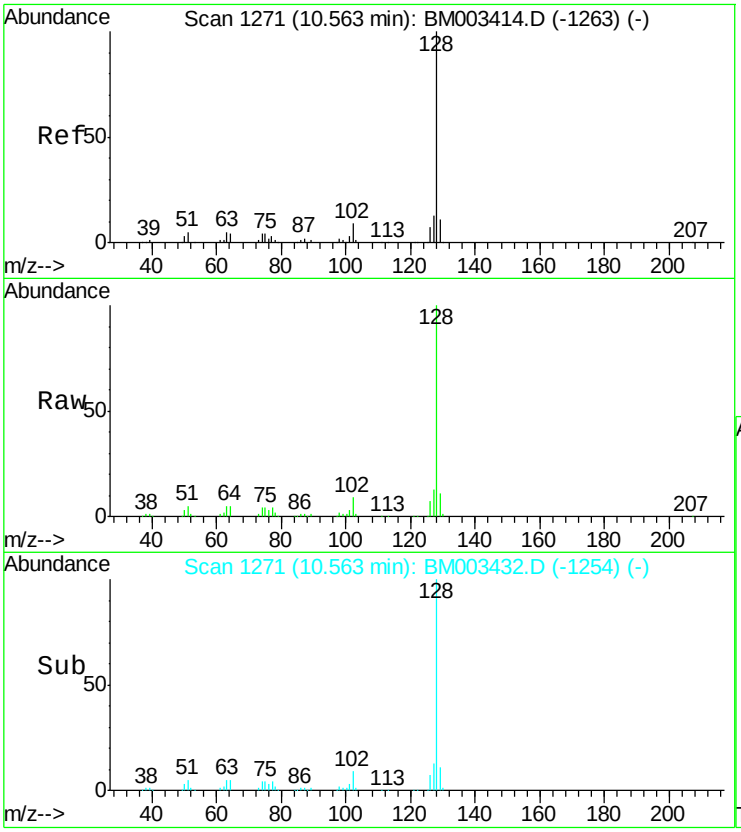




#30
1,2,4-Trichlorobenzene
Concen: 39.77 ng
RT: 10.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:180 Resp: 206035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 77.6 | 116.4 |
| 145 | 31.5 | 23.4 | 35.2 |



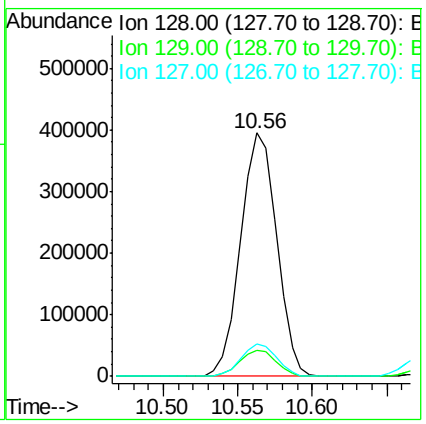


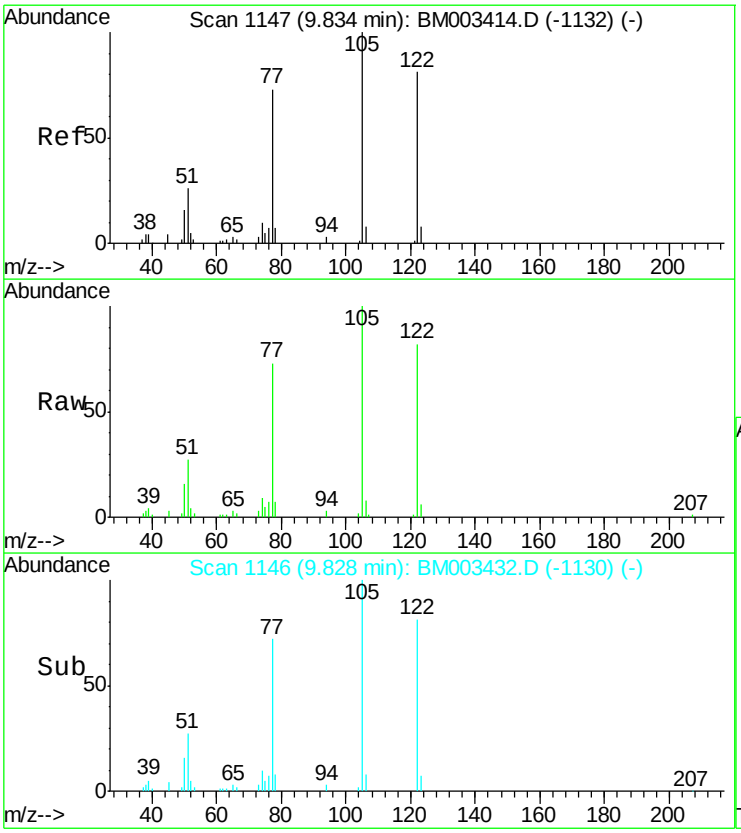

#31
Naphthalene
Concen: 39.87 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:128 Resp: 661805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.9 | 13.3 |
| 127 | 13.2 | 10.4 | 15.6 |

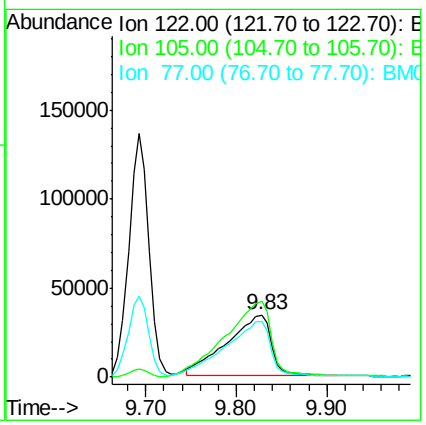


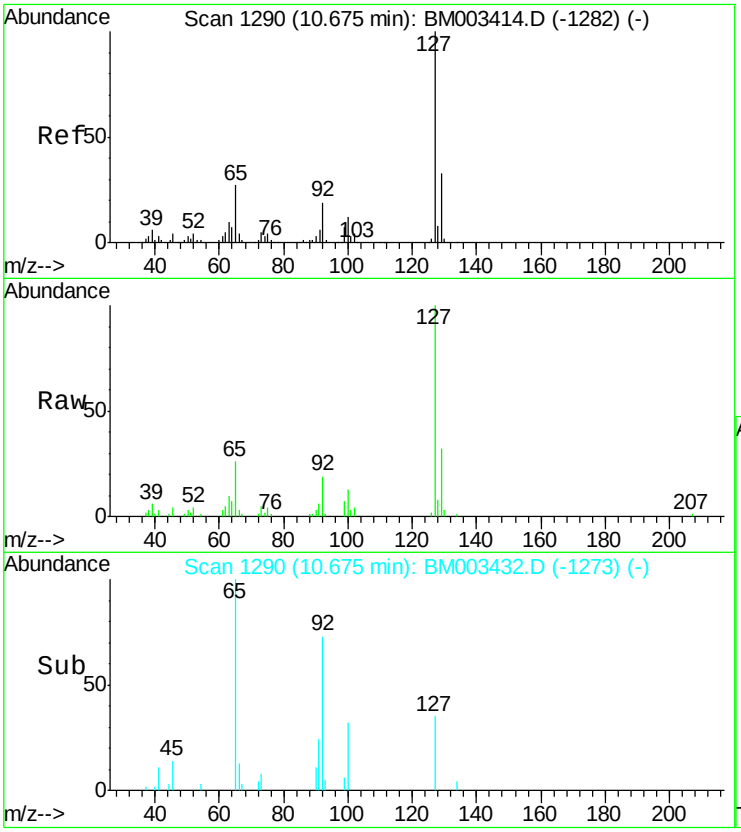




#32
Benzoic acid
Concen: 40.34 ng
RT: 9.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:122 Resp: 115960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.0 | 99.9 | 139.9 |
| 77 | 88.7 | 73.7 | 113.7 |



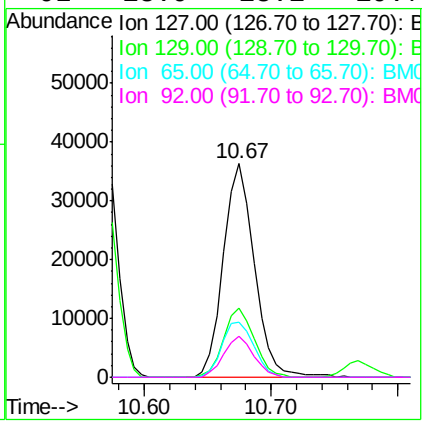


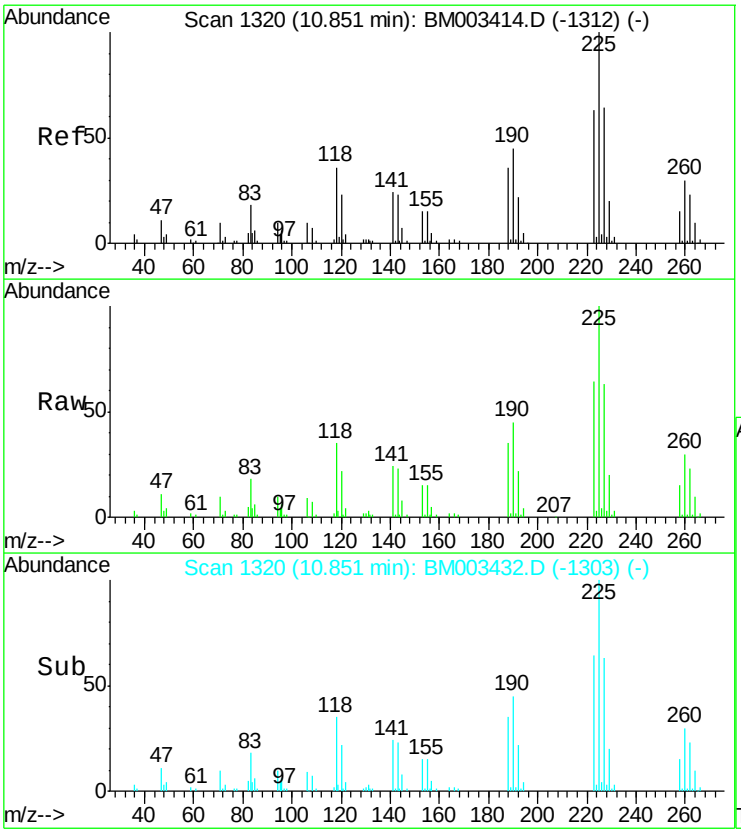

#33
4-Chloroaniline
Concen: 9.02 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:127 Resp: 61803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.4 | 25.3 | 37.9 |
| 65 | 26.0 | 17.6 | 26.4 |
| 92 | 18.9 | 13.1 | 19.7 |

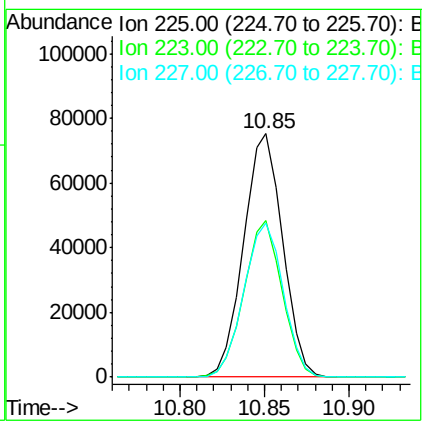


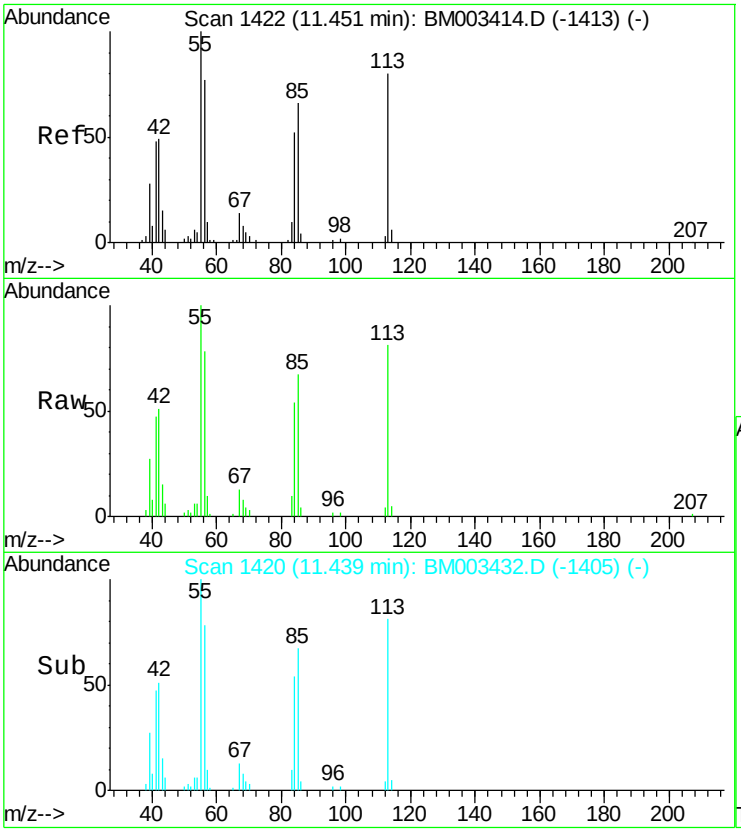




#34
Hexachlorobutadiene
Concen: 39.47 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:225 Resp: 121256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.4 | 47.9 | 71.9 |
| 227 | 63.2 | 50.1 | 75.1 |



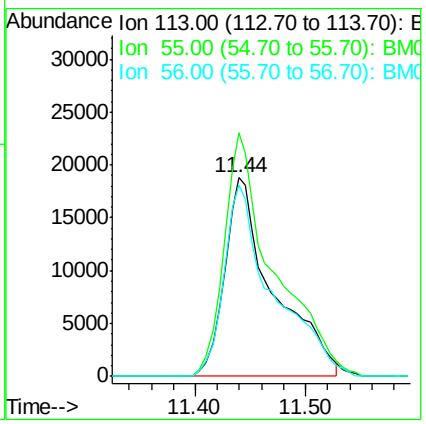


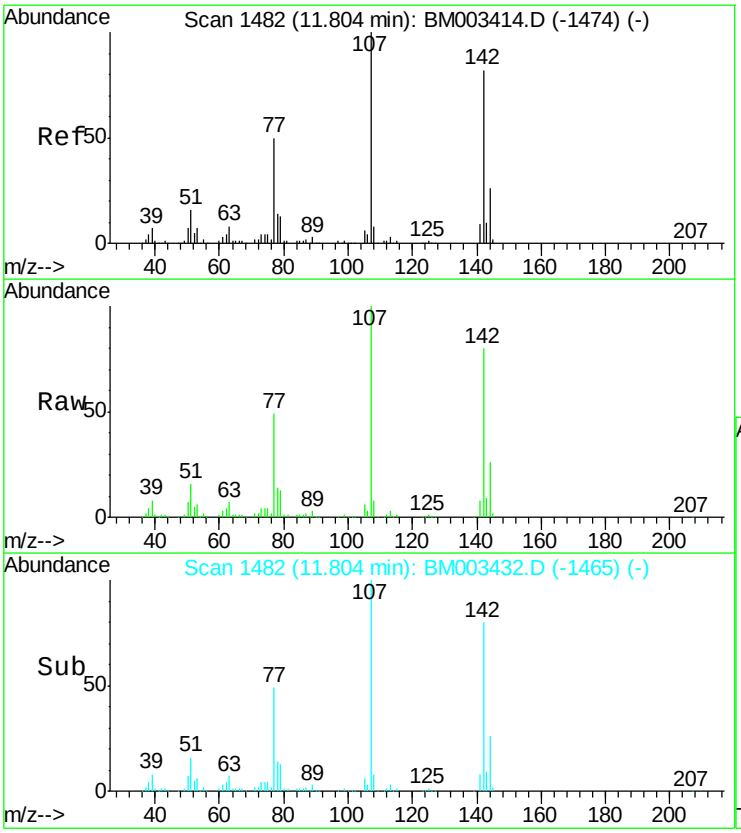

#35
Caprolactam
Concen: 37.47 ng
RT: 11.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:113 Resp: 57485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 122.7 | 145.9 | 185.9# |
| 56 | 96.0 | 101.0 | 141.0# |

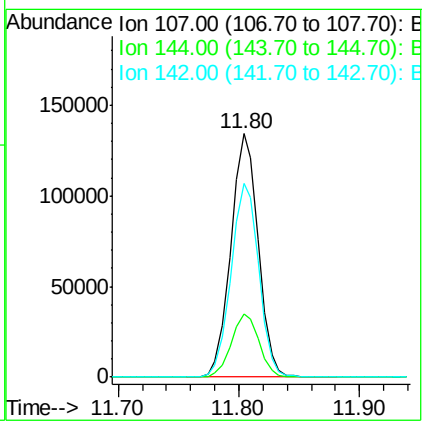


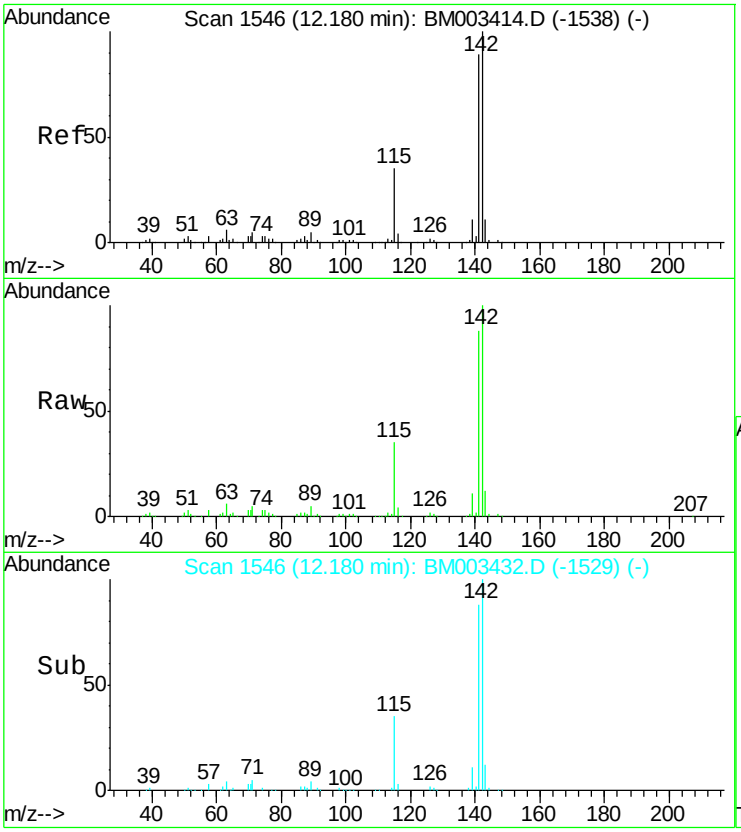




#36
4-Chloro-3-methylphenol
Concen: 40.52 ng
RT: 11.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:107 Resp: 211993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.8 | 23.3 | 34.9 |
| 142 | 79.7 | 72.6 | 109.0 |



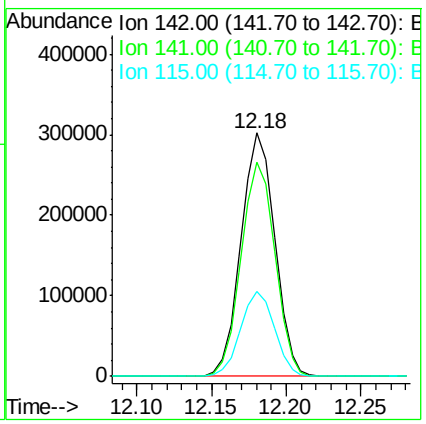


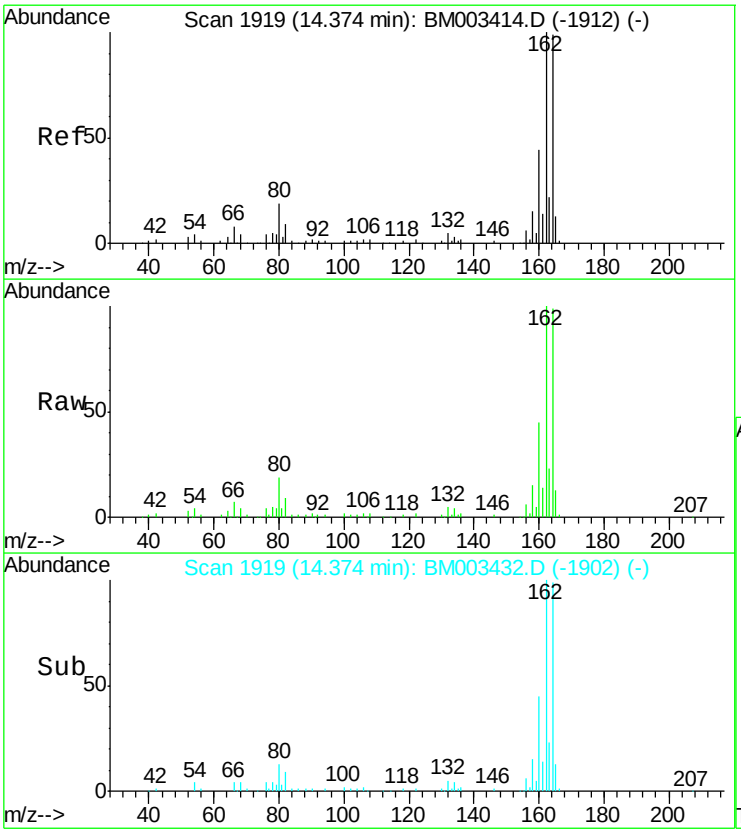

#37
2-Methylnaphthalene
Concen: 41.62 ng
RT: 12.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:142 Resp: 473880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.1 | 71.9 | 107.9 |
| 115 | 35.0 | 25.4 | 38.0 |

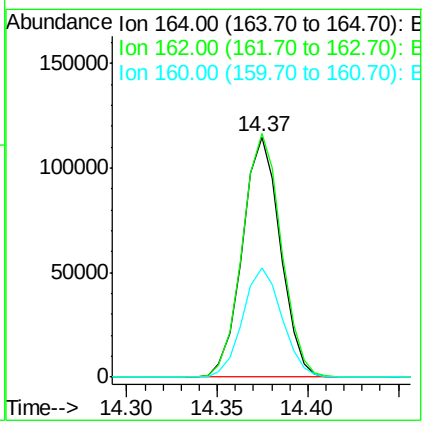


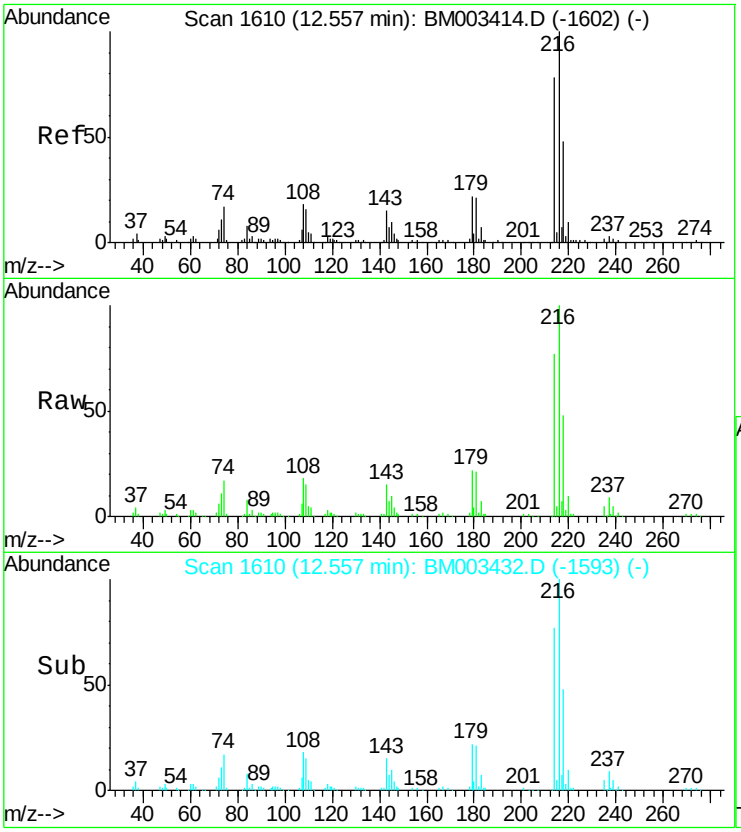




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:164 Resp: 167015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.3 | 82.4 | 123.6 |
| 160 | 45.2 | 35.8 | 53.6 |



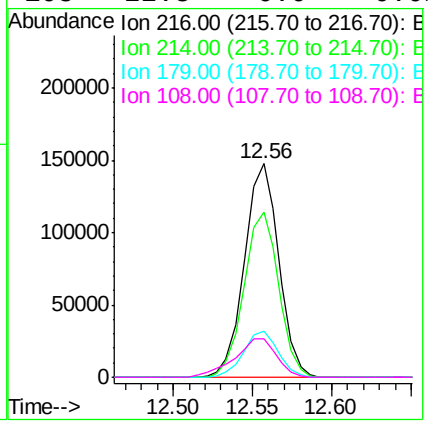


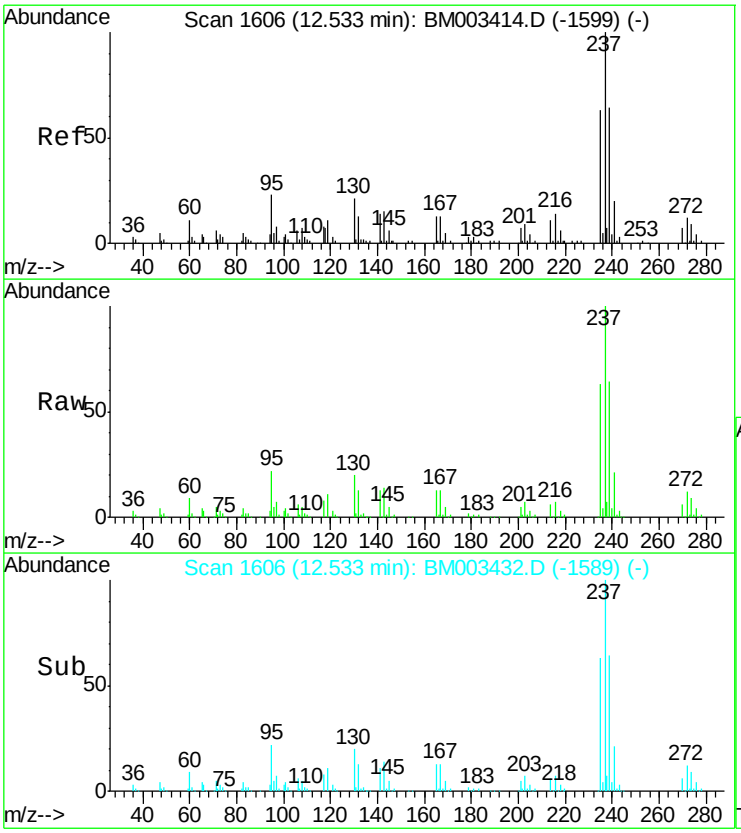

#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.32 ng
RT: 12.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:216 Resp: 221883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.0 | 0.0 | 0.0# |
| 179 | 21.7 | 0.0 | 0.0# |
| 108 | 22.3 | 0.0 | 0.0# |

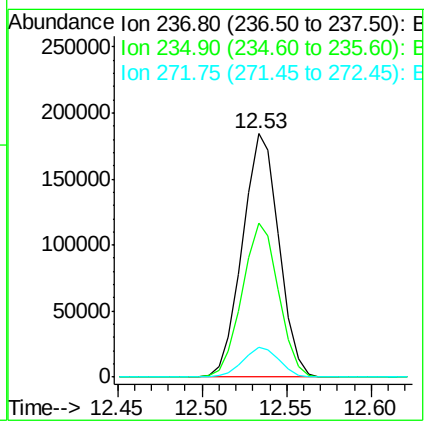


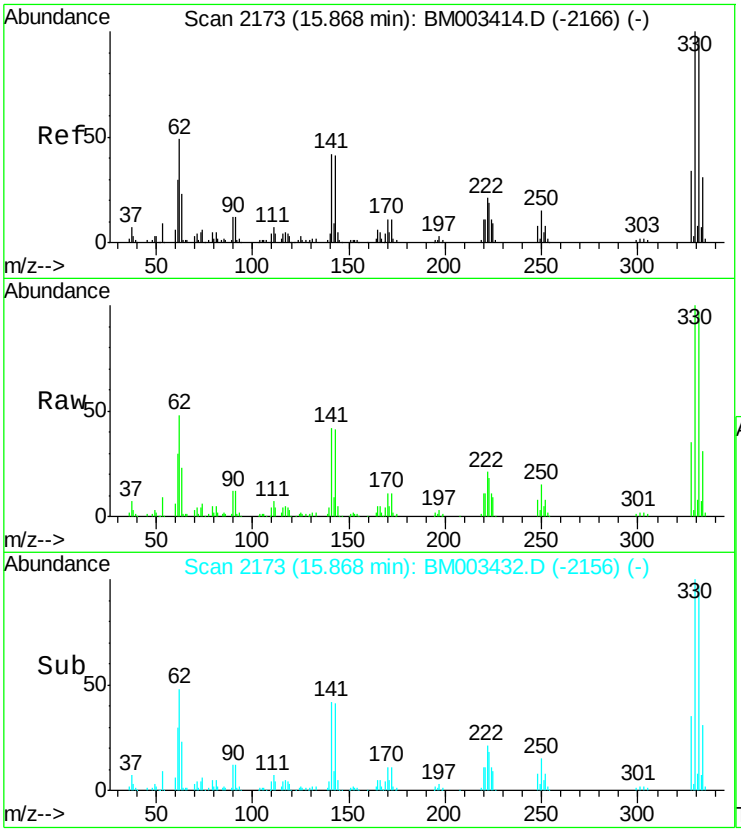




#40
Hexachlorocyclopentadiene
Concen: 92.69 ng
RT: 12.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:237 Resp: 277605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.0 | 42.0 | 82.0 |
| 272 | 12.2 | 0.0 | 33.4 |



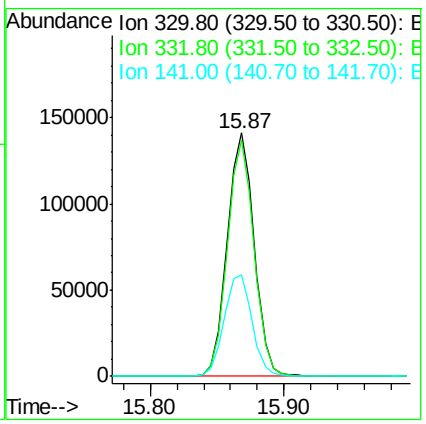


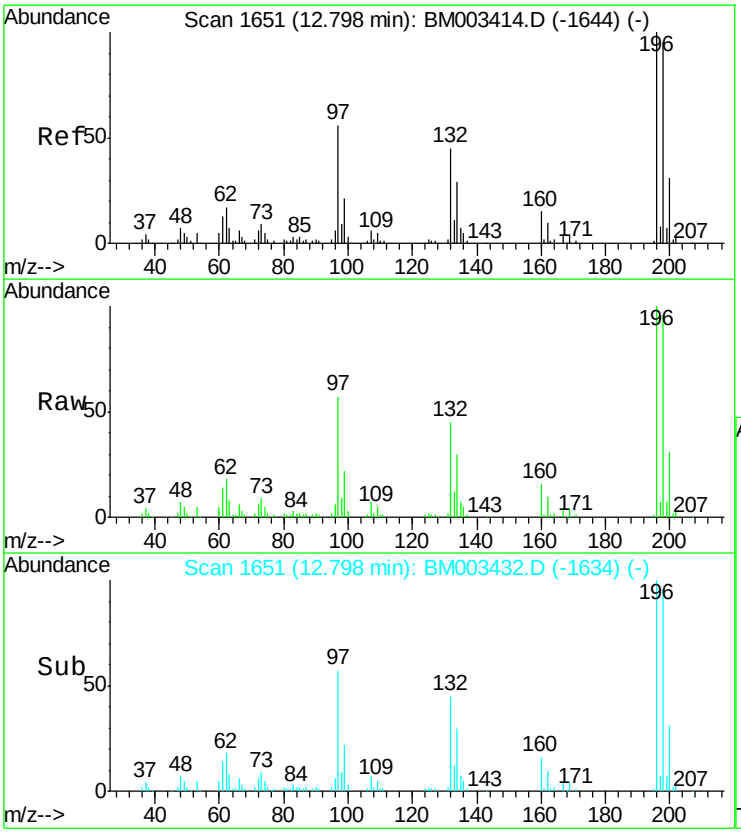

#41
2,4,6-Tribromophenol
Concen: 119.63 ng
RT: 15.87 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:330 Resp: 199543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.6 | 0.0 | 0.0# |
| 141 | 43.0 | 0.0 | 0.0# |

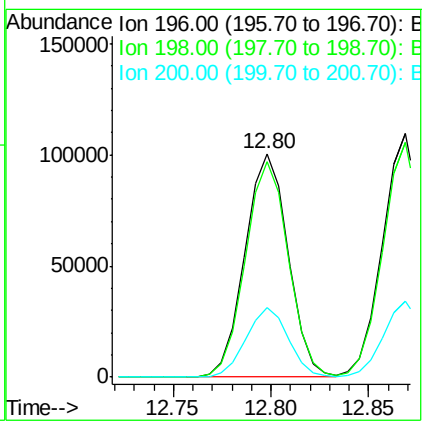


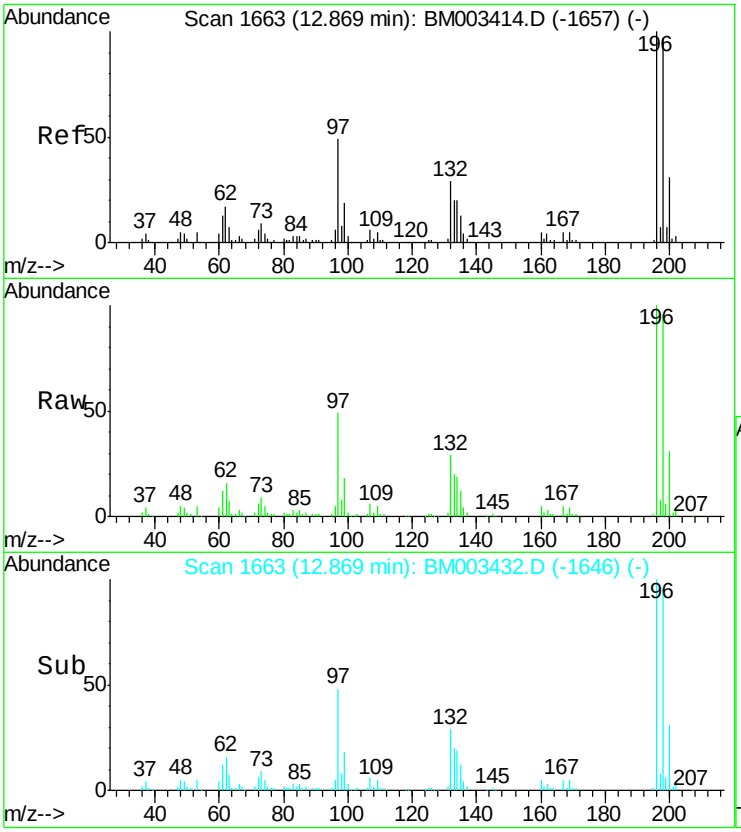




#42
2,4,6-Trichlorophenol
Concen: 43.97 ng
RT: 12.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:196 Resp: 153971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.5 | 76.3 | 114.5 |
| 200 | 31.1 | 25.6 | 38.4 |



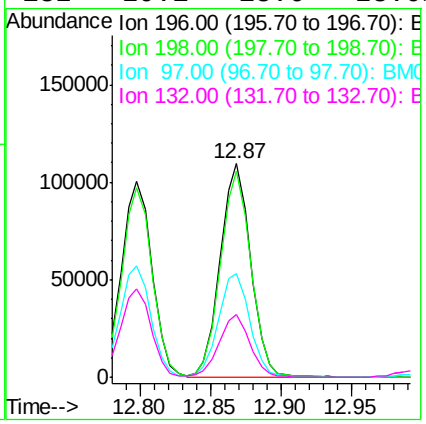


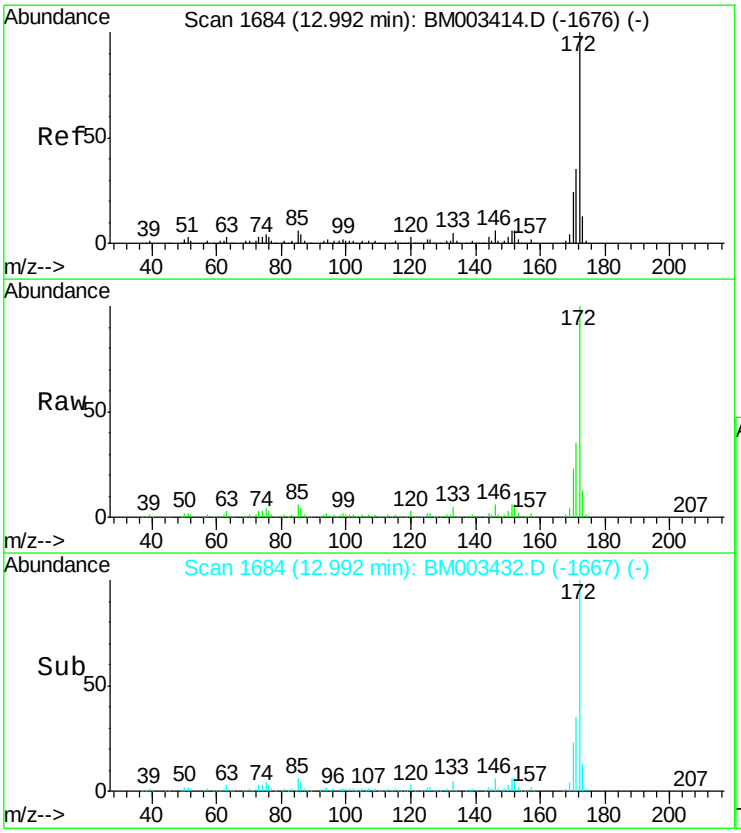

#43
2,4,5-Trichlorophenol
Concen: 44.90 ng
RT: 12.87 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:196 Resp: 165236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.2 | 79.4 | 119.0 |
| 97 | 48.6 | 26.8 | 40.2# |
| 132 | 29.1 | 18.6 | 28.0# |

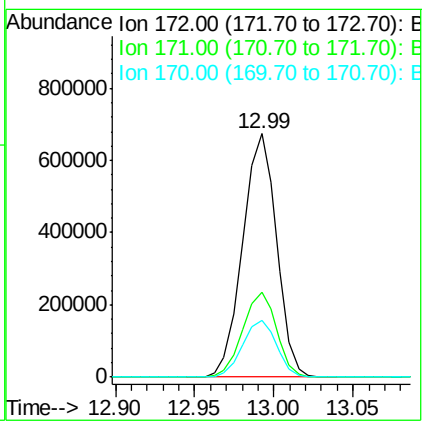


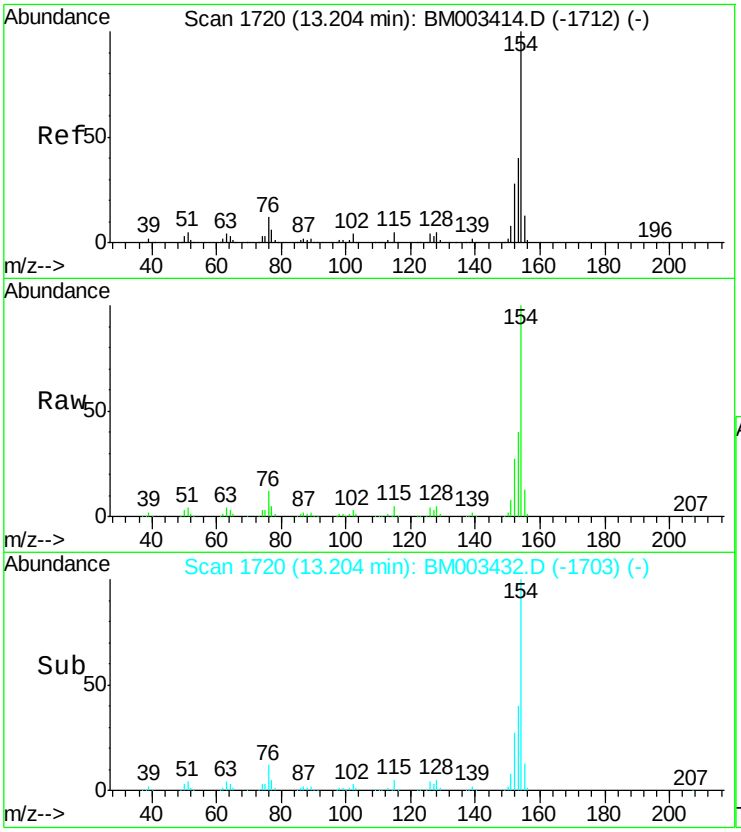




#44
2-Fluorobiphenyl
Concen: 81.76 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:172 Resp: 1002290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 28.5 | 42.7 |
| 170 | 23.4 | 18.8 | 28.2 |



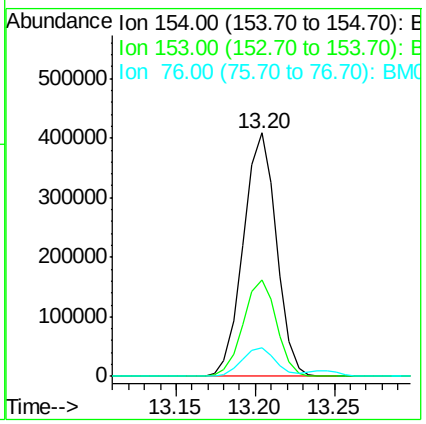


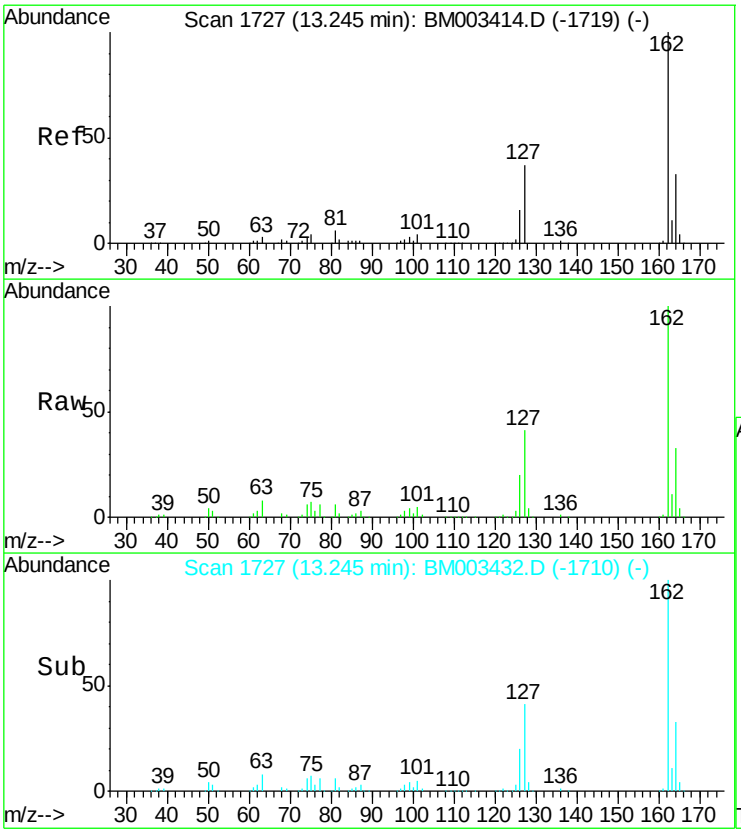

#45
1,1'-Biphenyl
Concen: 40.11 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:154 Resp: 594058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.7 | 20.7 | 60.7 |
| 76 | 11.8 | 0.0 | 30.9 |

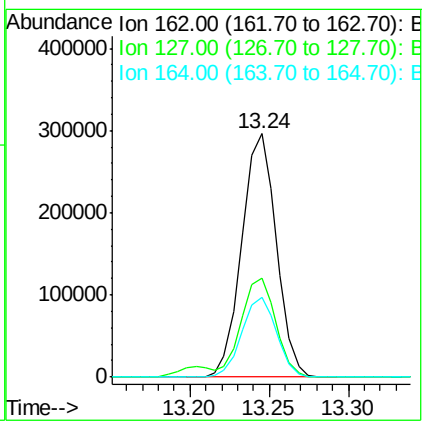


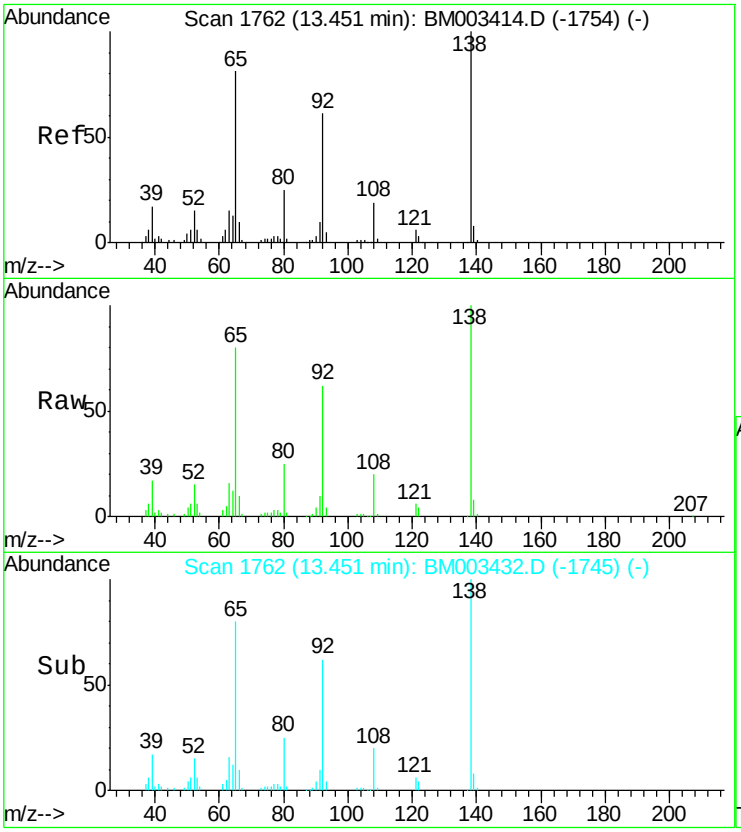




#46
2-Chloronaphthalene
Concen: 41.30 ng
RT: 13.24 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:162 Resp: 449322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.8 | 26.9 | 40.3# |
| 164 | 32.7 | 26.8 | 40.2 |



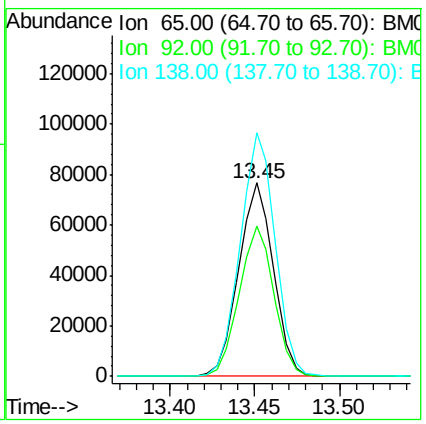


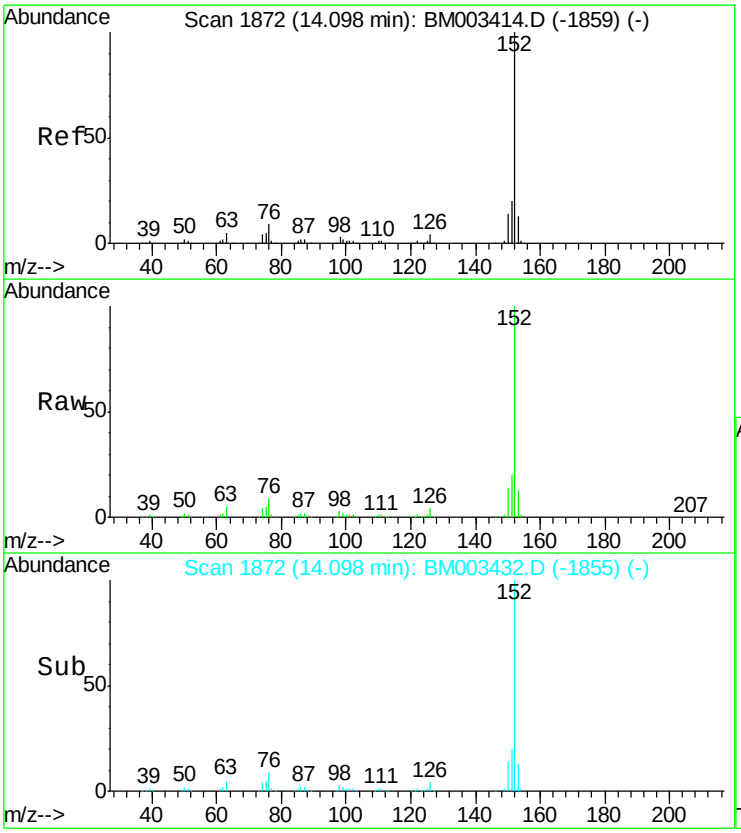

#47
2-Nitroaniline
Concen: 40.72 ng
RT: 13.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion: 65 Resp: 109872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 77.5 | 59.1 | 88.7 |
| 138 | 125.8 | 93.9 | 140.9 |

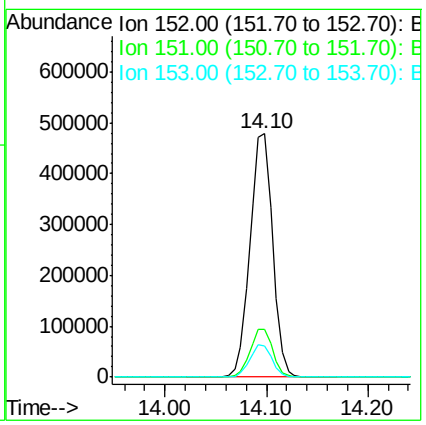


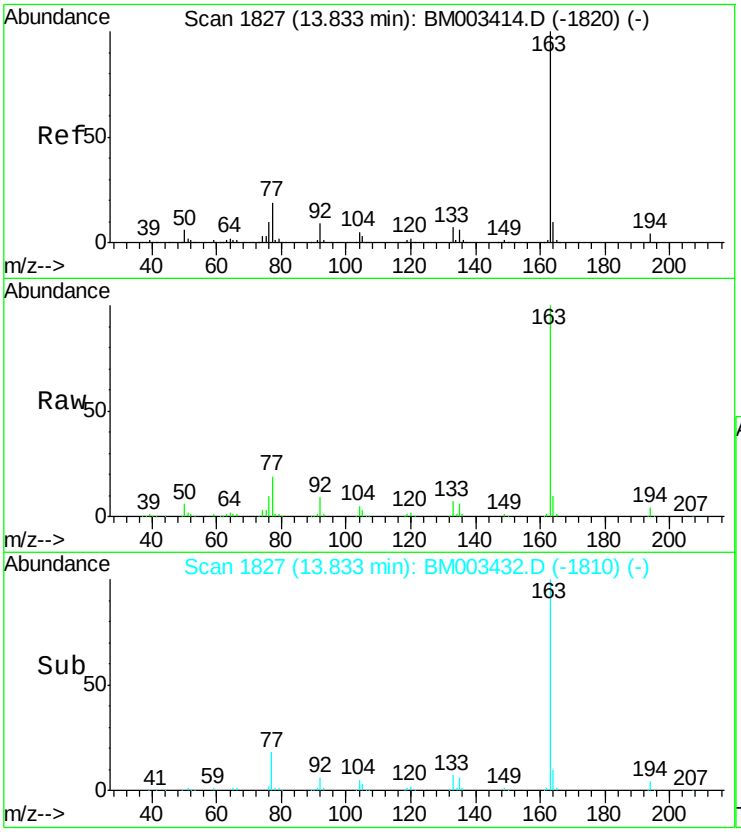




#48
Acenaphthylene
Concen: 40.80 ng
RT: 14.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:152 Resp: 740056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 12.9 | 10.6 | 16.0 |



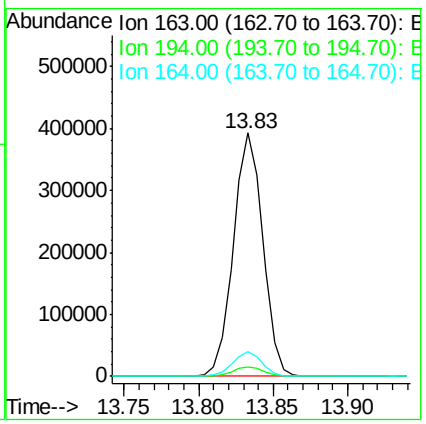


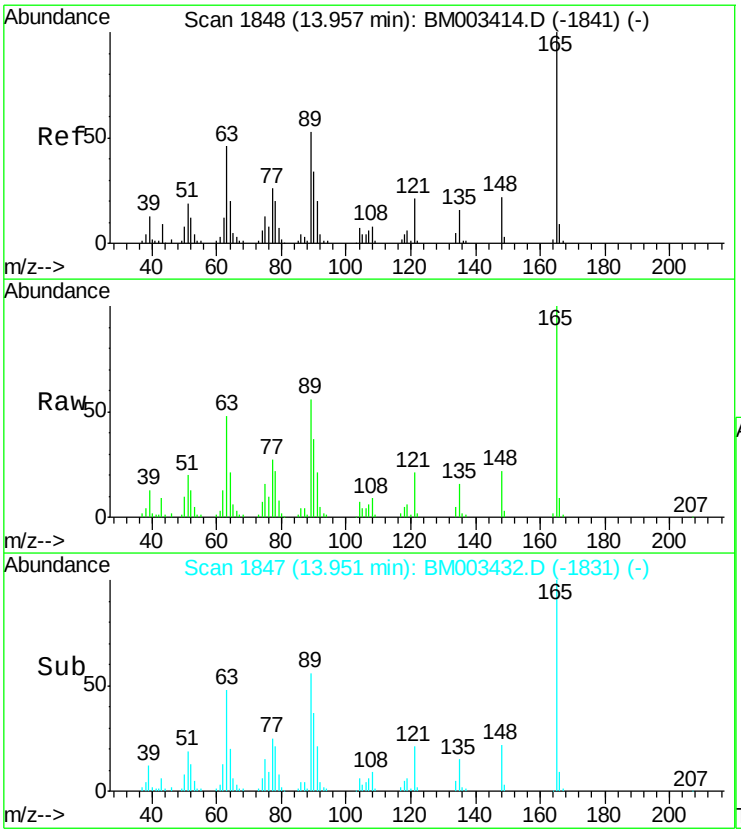

#49
Dimethylphthalate
Concen: 39.22 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:163 Resp: 539828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 2.7 | 4.1# |
| 164 | 10.1 | 8.2 | 12.2 |

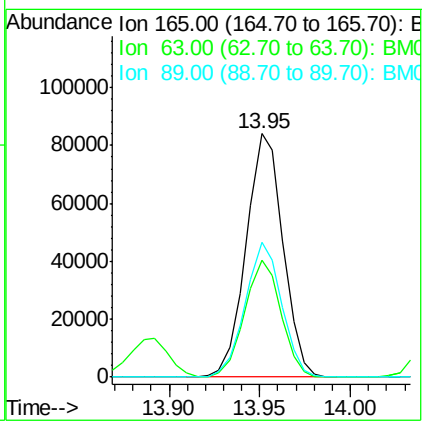


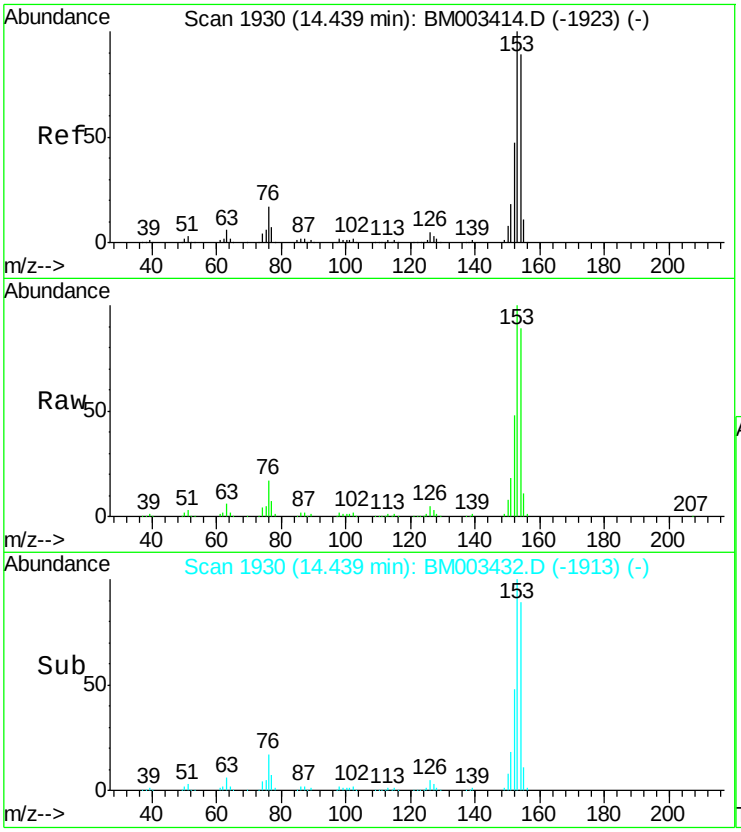




#50
2,6-Dinitrotoluene
Concen: 41.29 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:165 Resp: 118553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 48.2 | 44.1 | 66.1 |
| 89 | 55.5 | 44.3 | 66.5 |



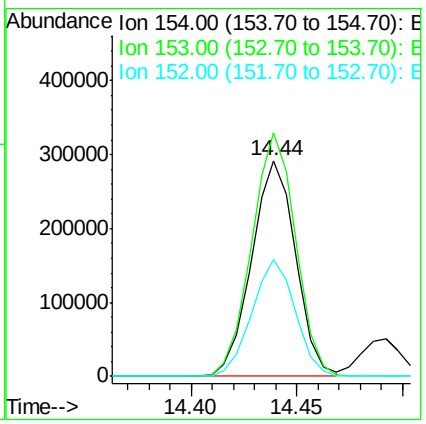


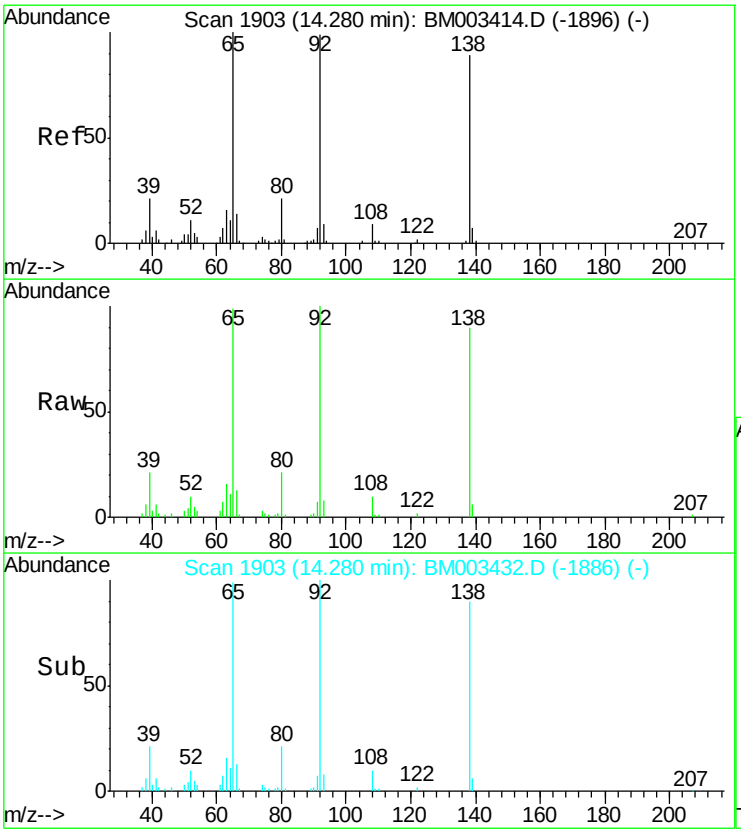

#51
Acenaphthene
Concen: 40.24 ng
RT: 14.44 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:154 Resp: 422940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.7 | 90.0 | 135.0 |
| 152 | 53.9 | 42.6 | 63.8 |

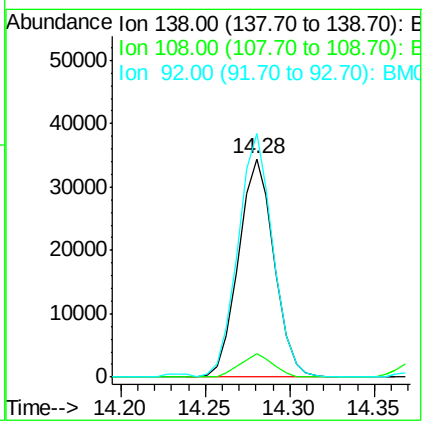


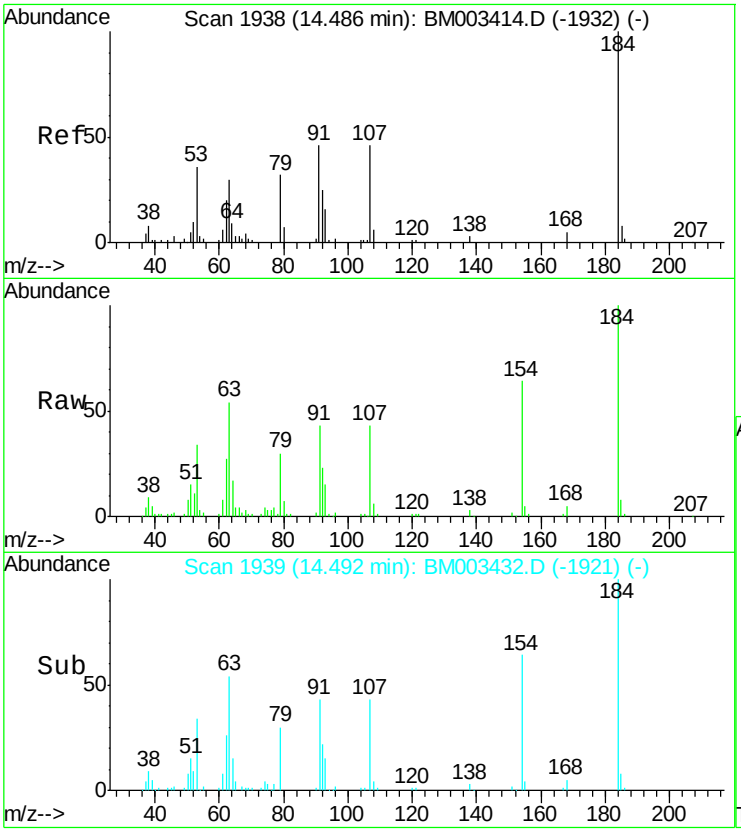




#52
3-Nitroaniline
Concen: 17.15 ng
RT: 14.28 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:138 Resp: 50385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 7.3 | 10.9 |
| 92 | 111.7 | 76.6 | 114.8 |



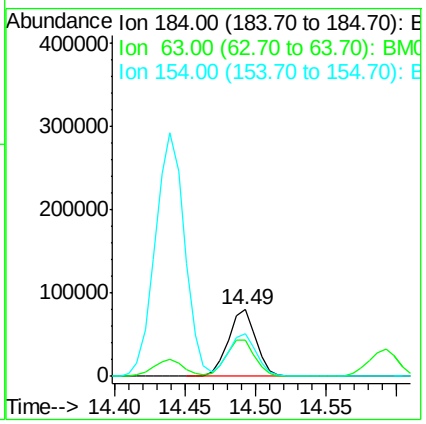


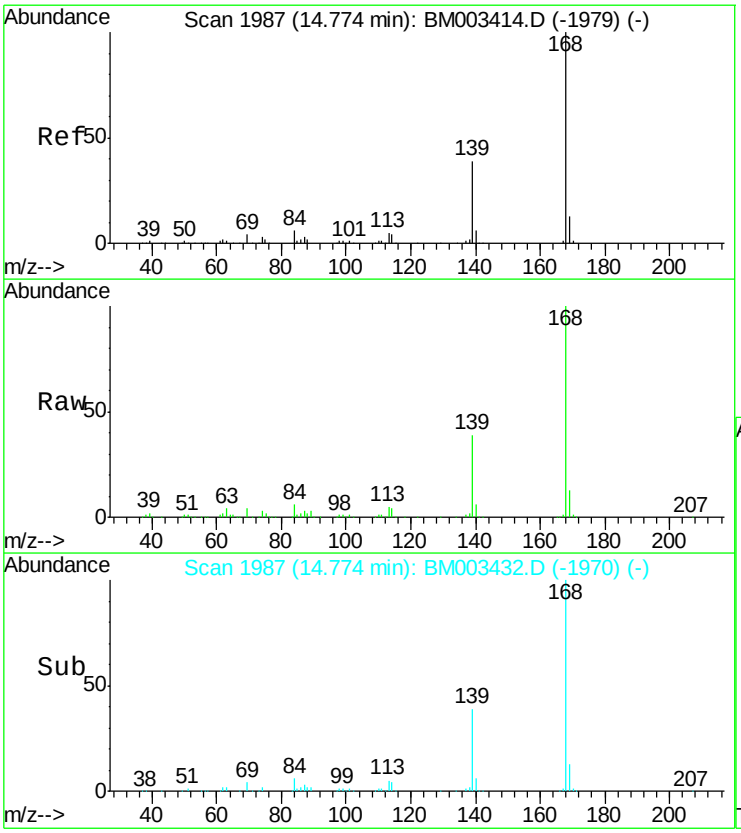

#53
2,4-Dinitrophenol
Concen: 69.25 ng
RT: 14.49 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:184 Resp: 110750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 53.7 | 69.2 | 103.8# |
| 154 | 64.0 | 53.3 | 79.9 |

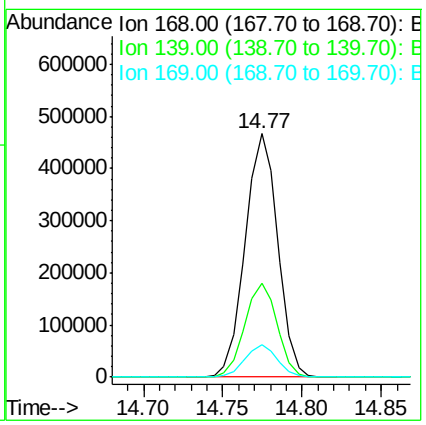


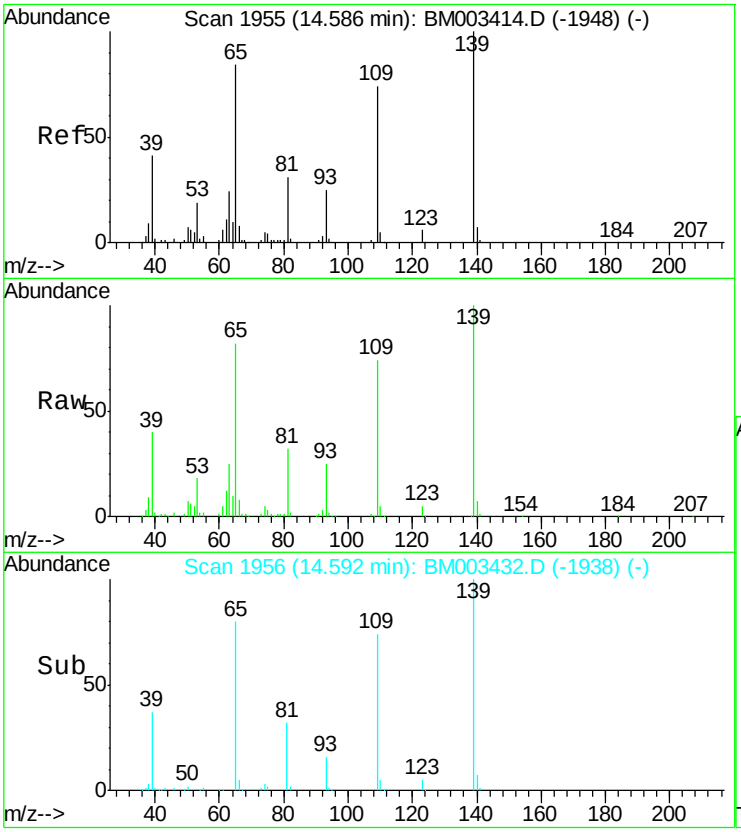




#54
Dibenzofuran
Concen: 43.98 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:168 Resp: 667526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.7 | 27.3 | 40.9 |
| 169 | 13.3 | 10.6 | 16.0 |



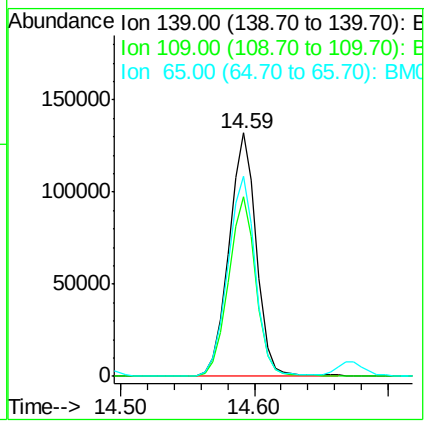


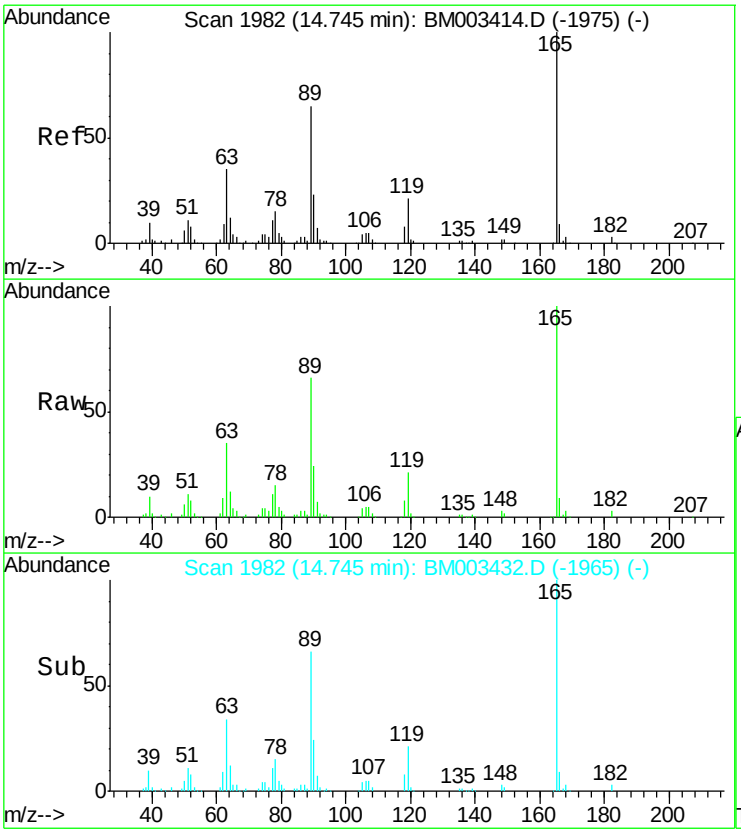

#55
4-Nitrophenol
Concen: 78.32 ng
RT: 14.59 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:139 Resp: 190069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 74.0 | 37.7 | 77.7 |
| 65 | 82.2 | 49.9 | 89.9 |

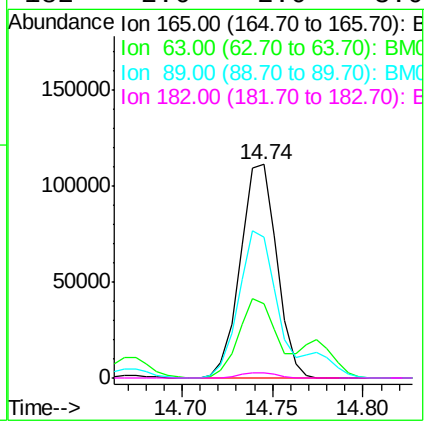


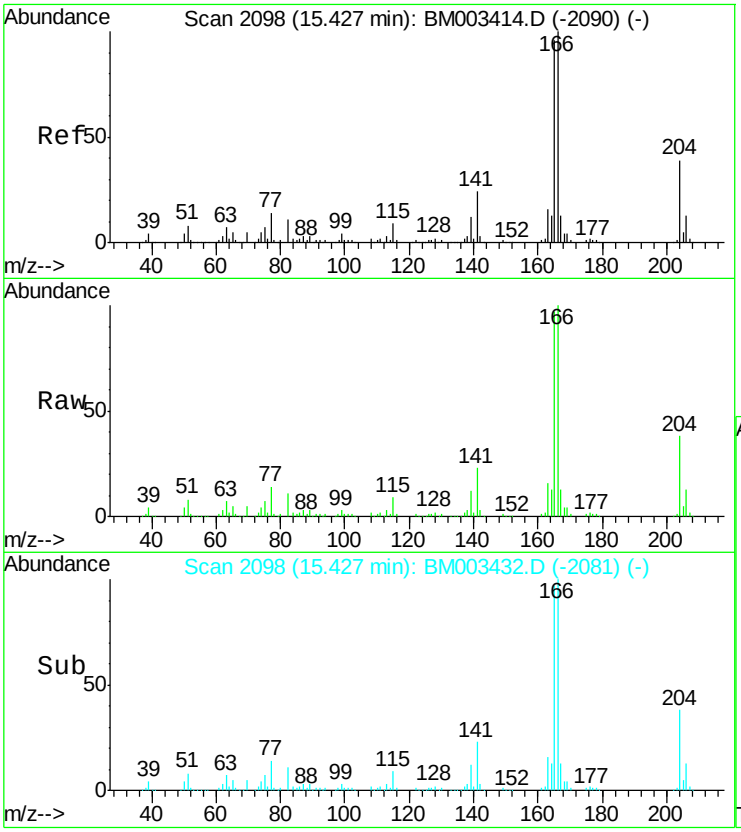




#56
2,4-Dinitrotoluene
Concen: 41.69 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:165 Resp: 155315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 34.8 | 52.4 | 78.6# |
| 89 | 65.7 | 72.4 | 108.6# |
| 182 | 2.6 | 2.0 | 3.0 |



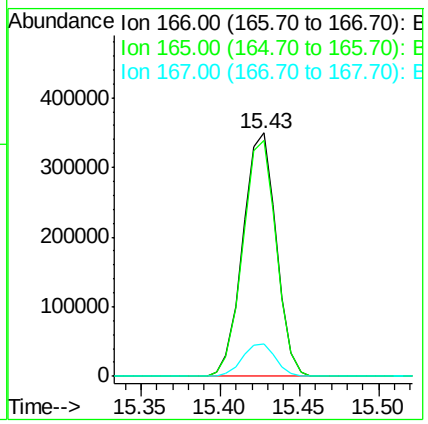


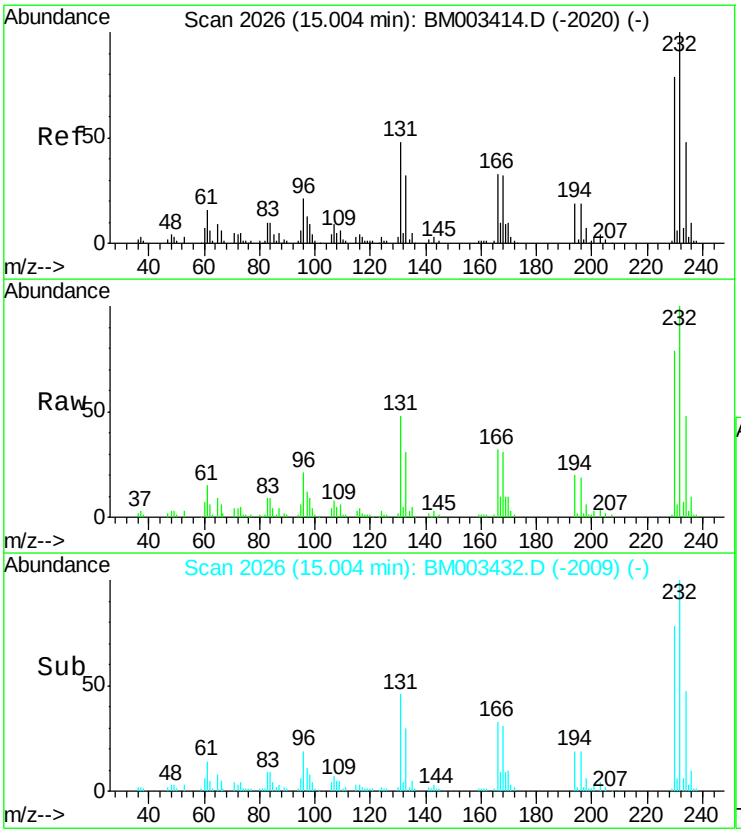

#57
Fluorene
Concen: 40.45 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:166 Resp: 509005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.7 | 79.0 | 118.4 |
| 167 | 13.3 | 10.3 | 15.5 |

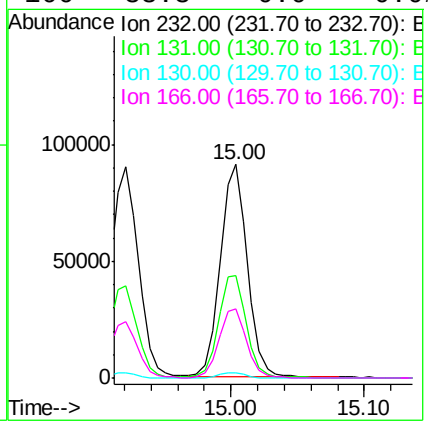


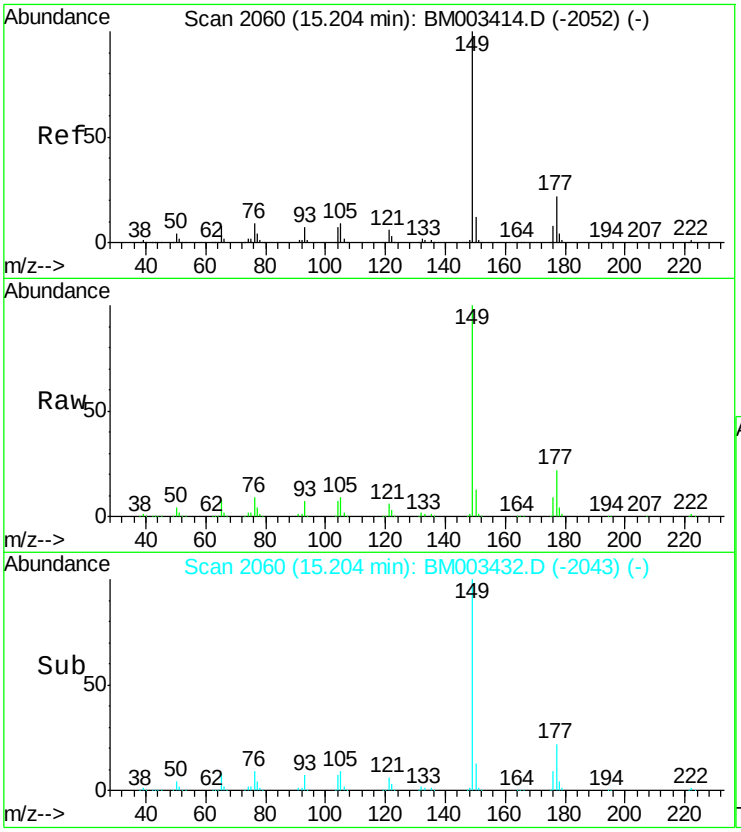




#58
2,3,4,6-Tetrachlorophenol
Concen: 45.67 ng
RT: 15.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:232 Resp: 129218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 50.2 | 0.0 | 0.0# |
| 130 | 2.5 | 0.0 | 0.0# |
| 166 | 33.3 | 0.0 | 0.0# |



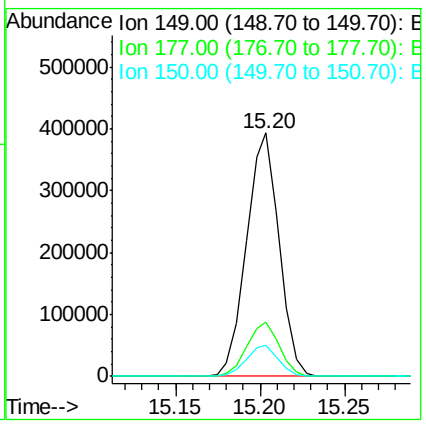


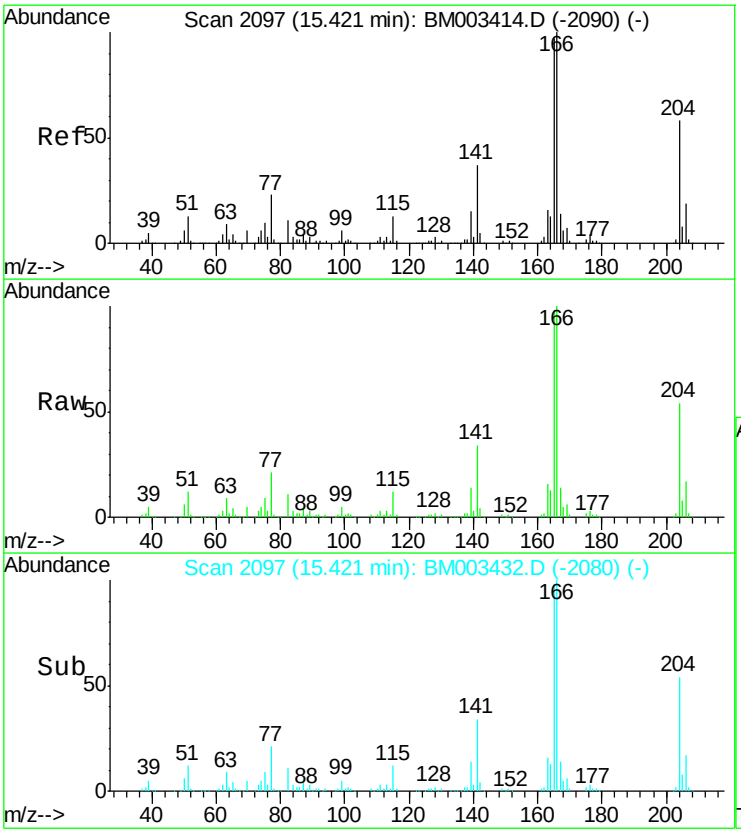

#59
Diethylphthalate
Concen: 38.97 ng
RT: 15.20 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:149 Resp: 526591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 18.3 | 27.5 |
| 150 | 12.7 | 9.8 | 14.8 |

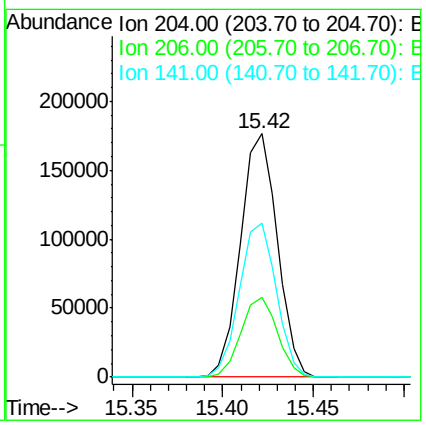


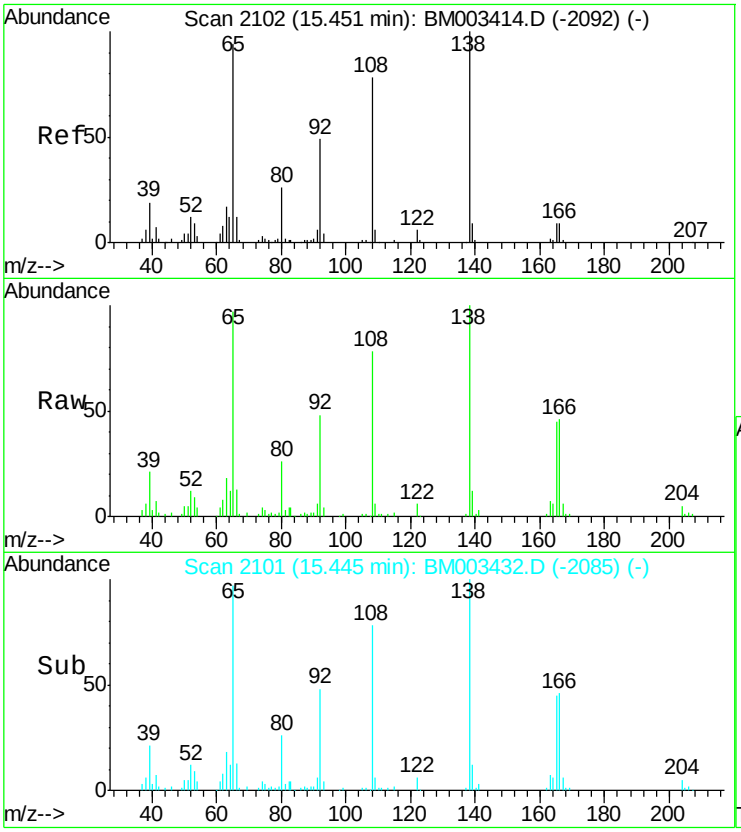




#60
4-Chlorophenyl-phenylether
Concen: 39.14 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:204 Resp: 249083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.6 | 26.6 | 39.8 |
| 141 | 63.2 | 45.2 | 67.8 |



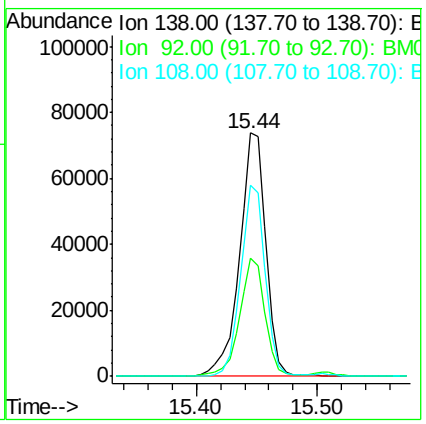


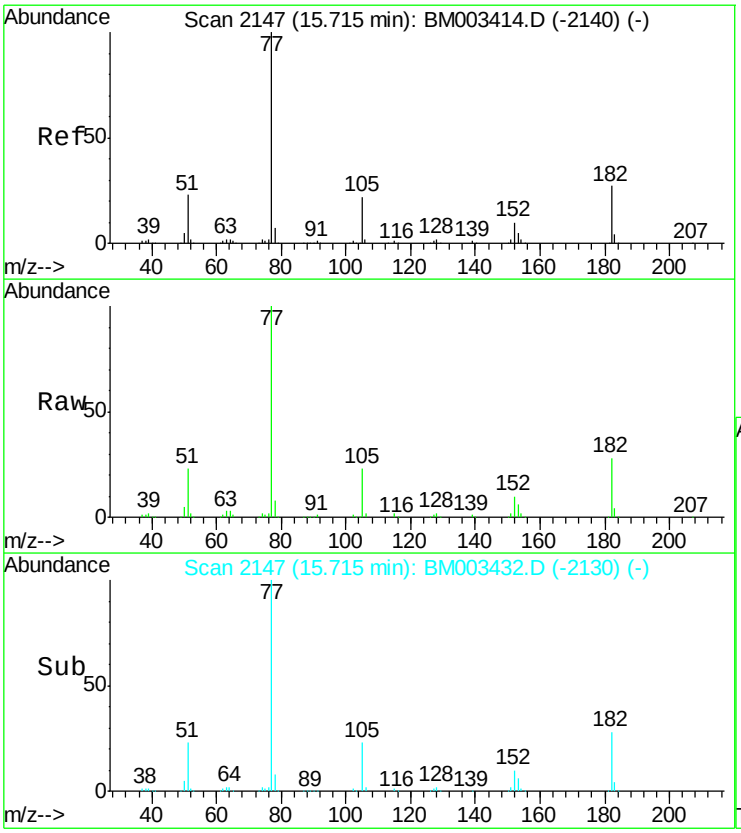

#61
4-Nitroaniline
Concen: 37.45 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:138 Resp: 112401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.5 | 16.7 | 56.7 |
| 108 | 78.4 | 37.6 | 77.6# |

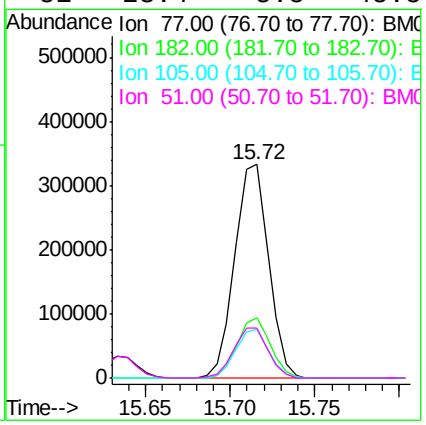


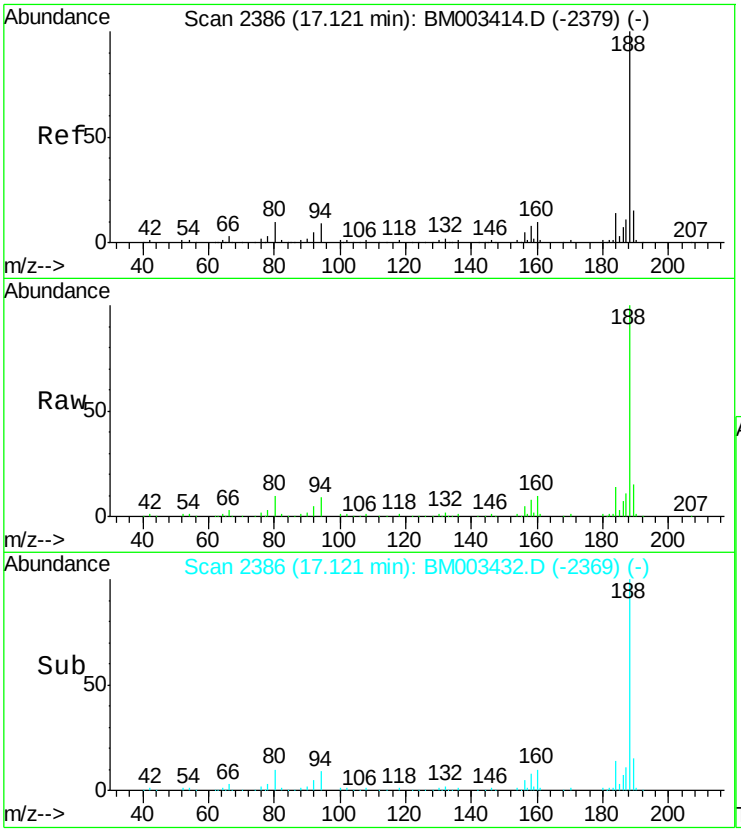




#62
Azobenzene
Concen: 44.09 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion: 77 Resp: 467068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.0 | 6.5 | 46.5 |
| 105 | 22.5 | 3.8 | 43.8 |
| 51 | 23.4 | 5.5 | 45.5 |



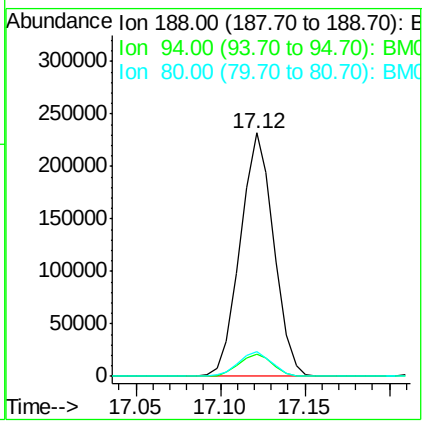


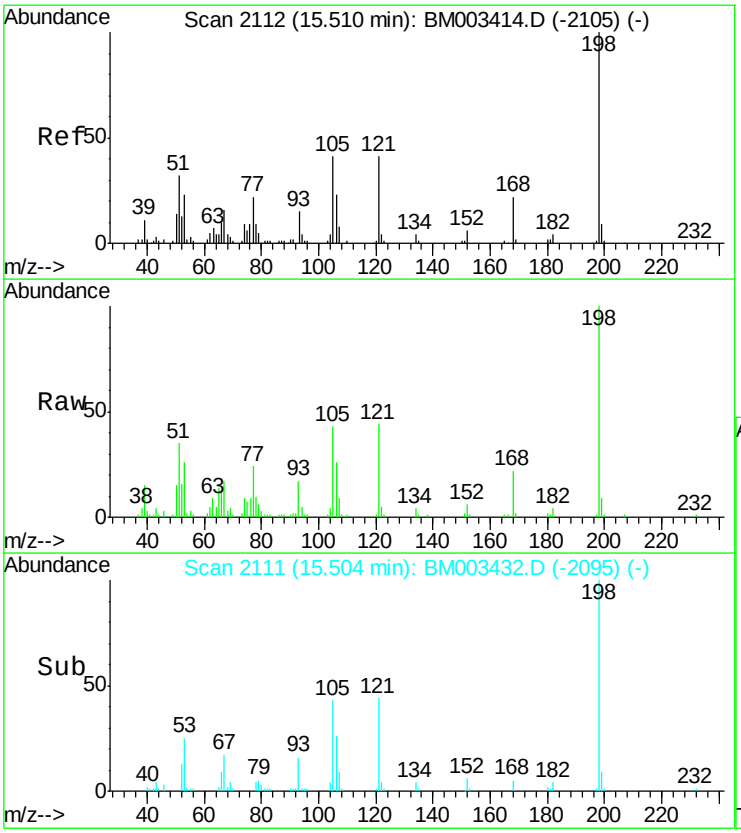

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:188 Resp: 319411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.1 | 8.7 | 13.1 |
| 80 | 10.0 | 9.3 | 13.9 |

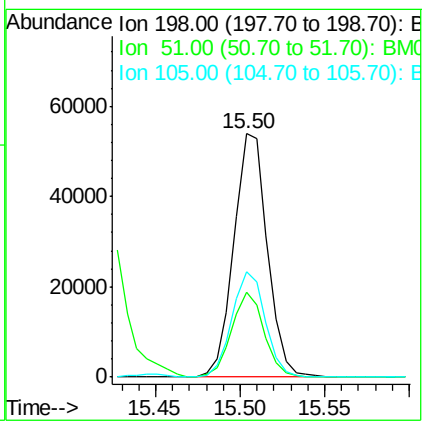


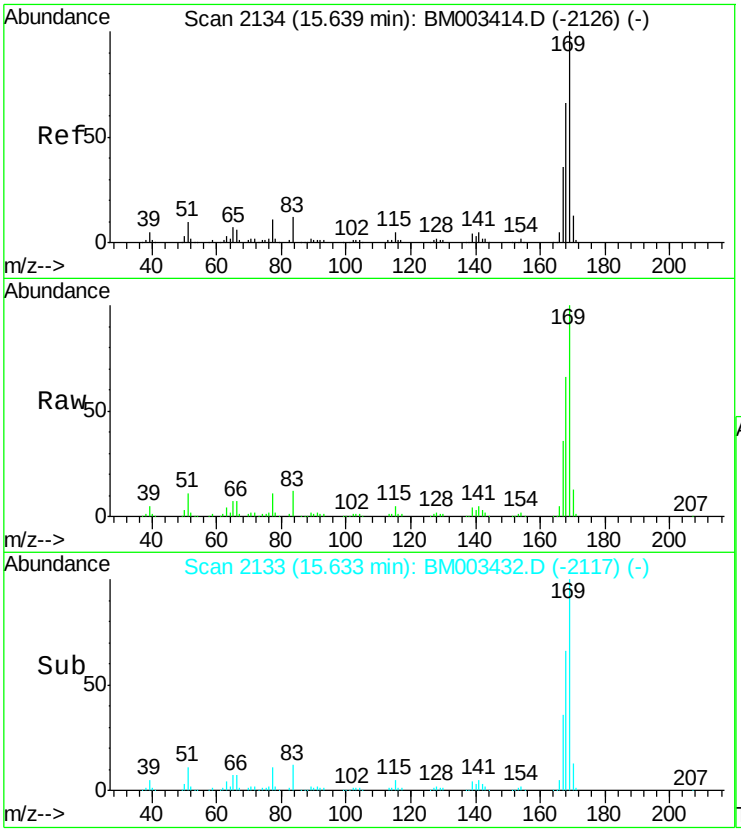




#64
4,6-Dinitro-2-methylphenol
Concen: 38.73 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:198 Resp: 74640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 35.0 | 28.8 | 68.8 |
| 105 | 43.4 | 30.5 | 70.5 |



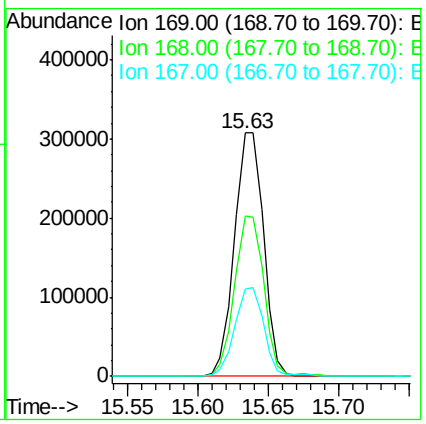


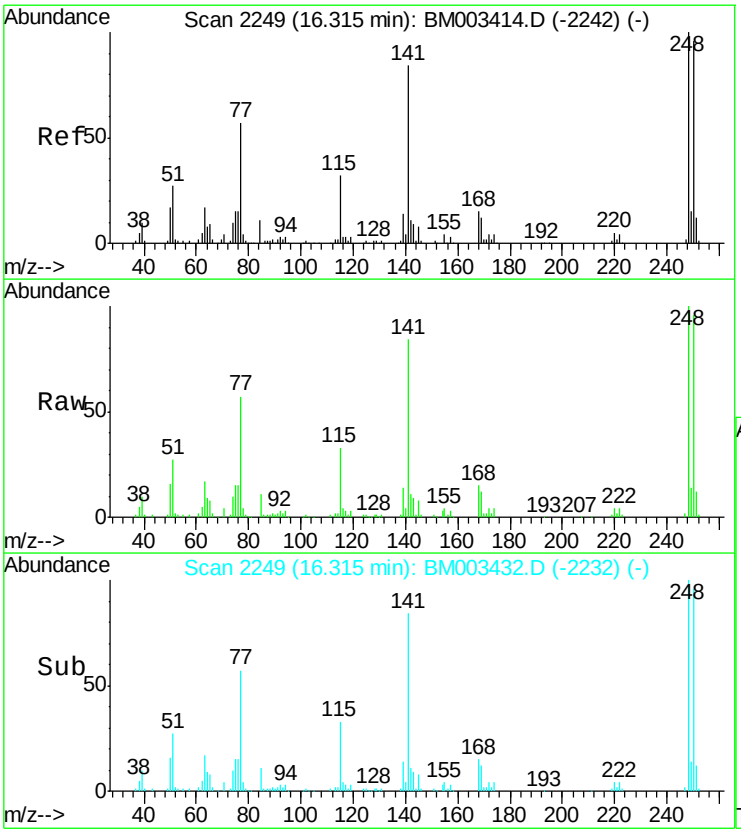

#65
n-Nitrosodiphenylamine
Concen: 43.90 ng
RT: 15.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:169 Resp: 443305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.8 | 53.9 | 80.9 |
| 167 | 35.7 | 28.9 | 43.3 |

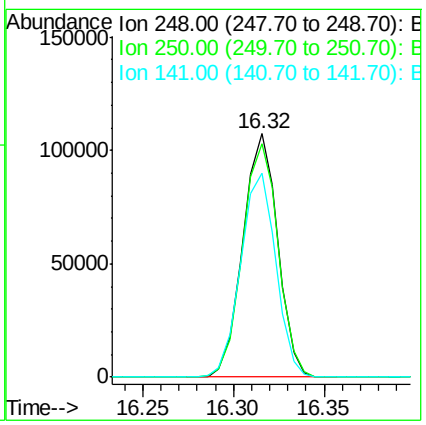


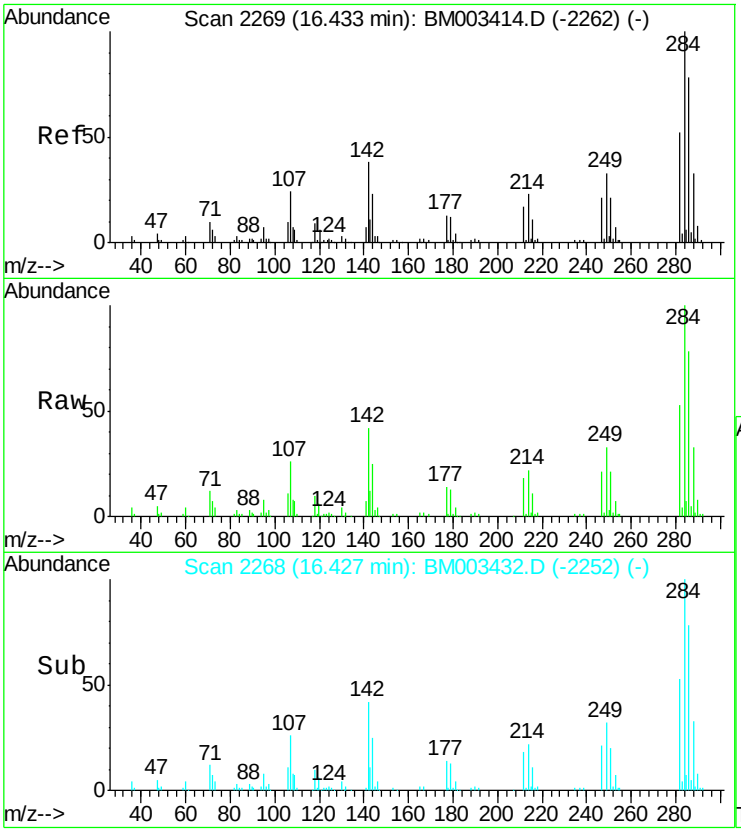




#66
4-Bromophenyl-phenylether
Concen: 41.76 ng
RT: 16.32 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:248 Resp: 143823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.6 | 77.4 | 116.0 |
| 141 | 83.5 | 45.2 | 67.8# |



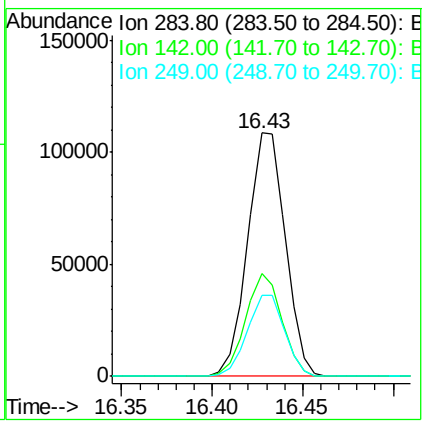


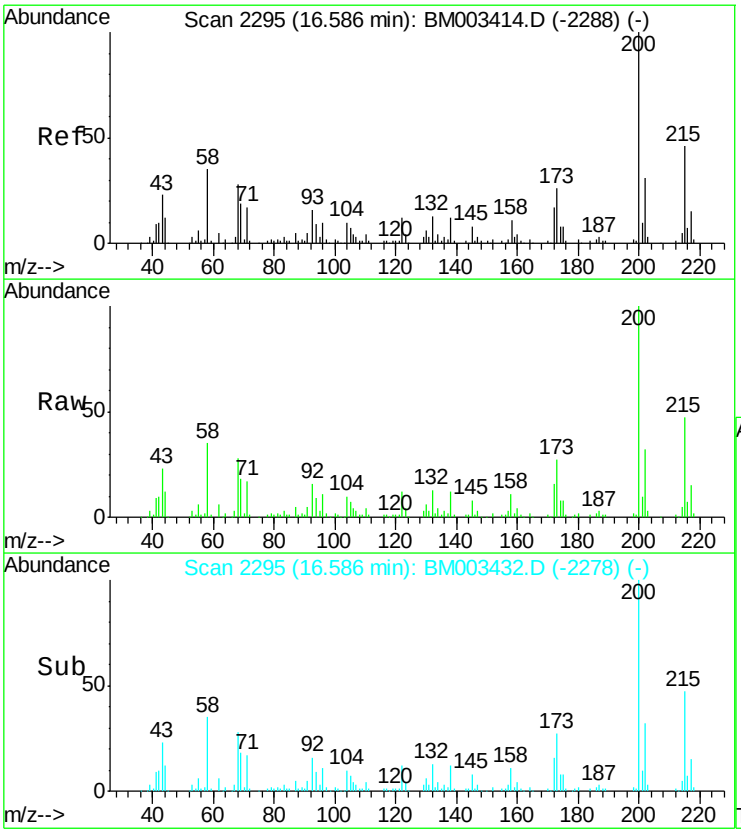

#67
Hexachlorobenzene
Concen: 42.58 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:284 Resp: 157562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 42.4 | 20.4 | 30.6# |
| 249 | 33.1 | 23.8 | 35.6 |

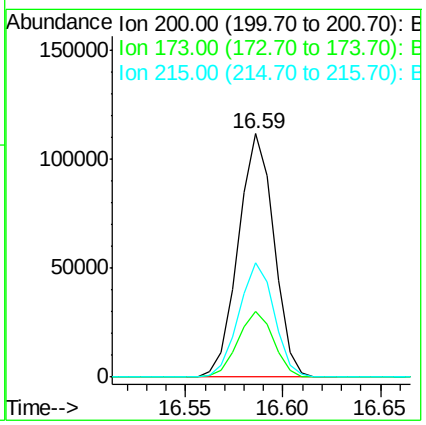


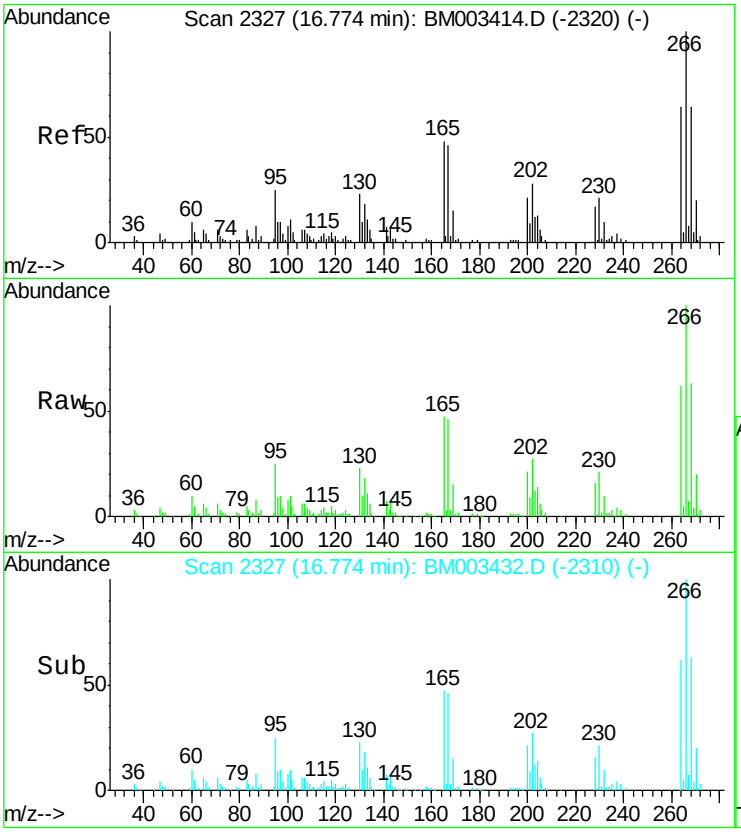




#68
Atrazine
Concen: 44.96 ng
RT: 16.59 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:200 Resp: 141599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.1 | 4.8 | 44.8 |
| 215 | 47.1 | 26.9 | 66.9 |



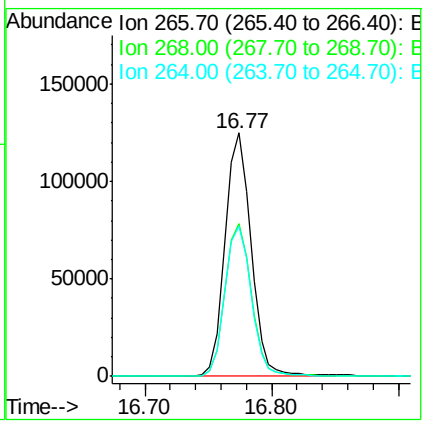


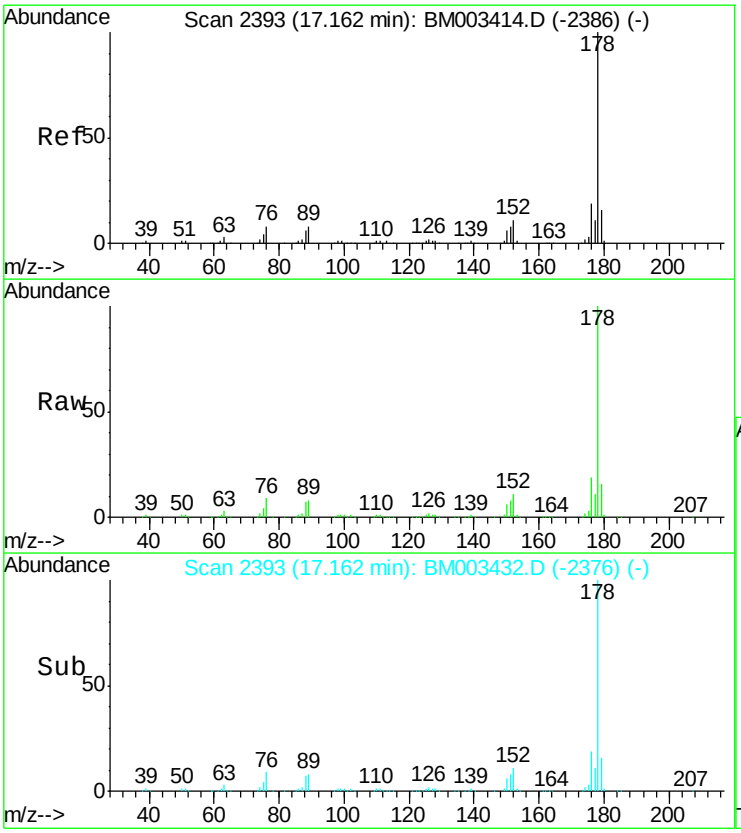

#69
Pentachlorophenol
Concen: 84.00 ng
RT: 16.77 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:266 Resp: 177426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.6 | 52.0 | 78.0 |
| 264 | 61.7 | 49.0 | 73.4 |

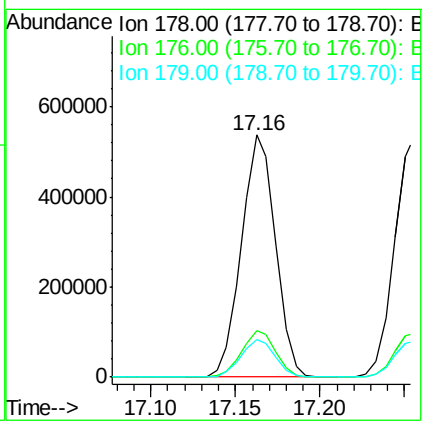


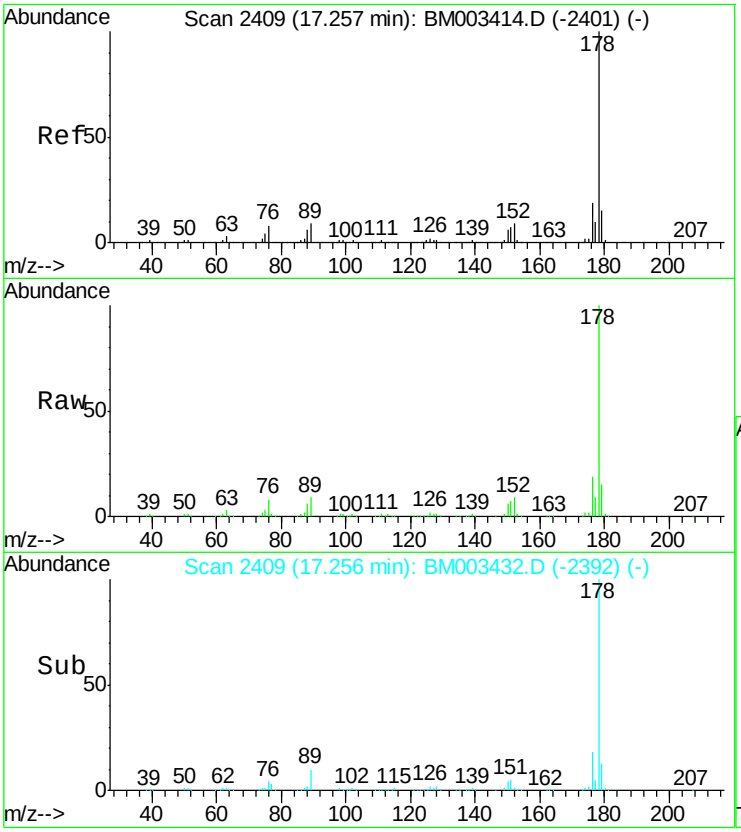




#70
Phenanthrene
Concen: 42.08 ng
RT: 17.16 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:178 Resp: 754155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.2 | 22.8 |
| 179 | 15.6 | 12.1 | 18.1 |



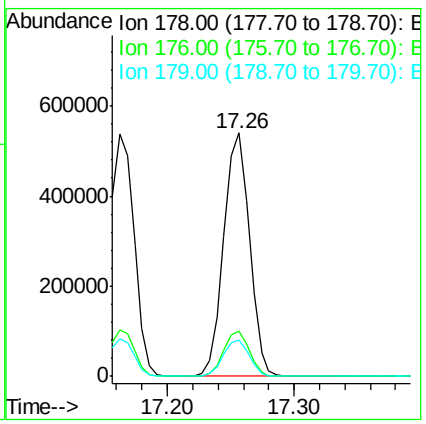


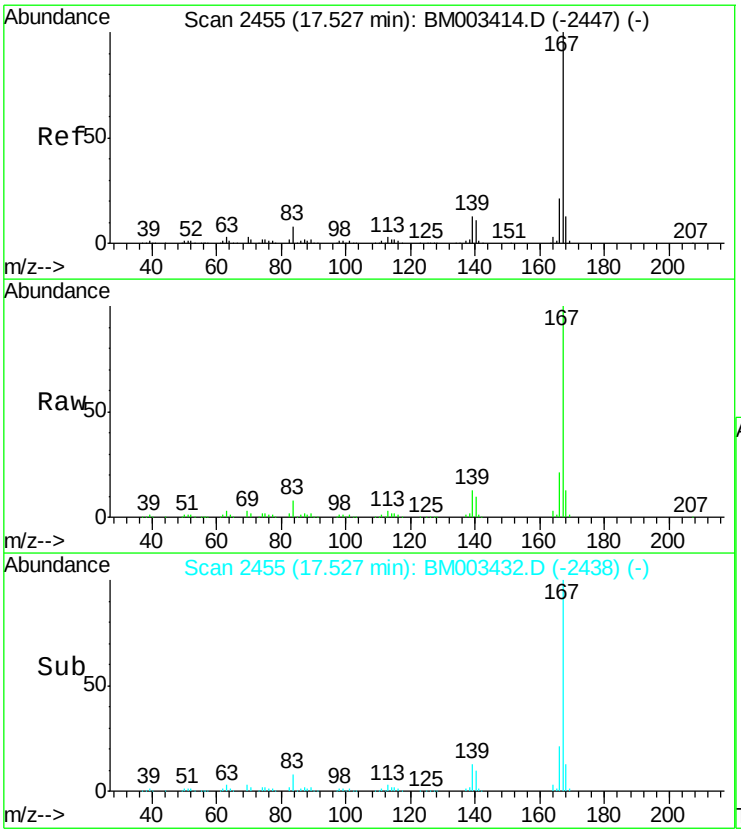

#71
Anthracene
Concen: 42.83 ng
RT: 17.26 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:178 Resp: 762801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.6 | 22.0 |
| 179 | 15.0 | 12.6 | 19.0 |

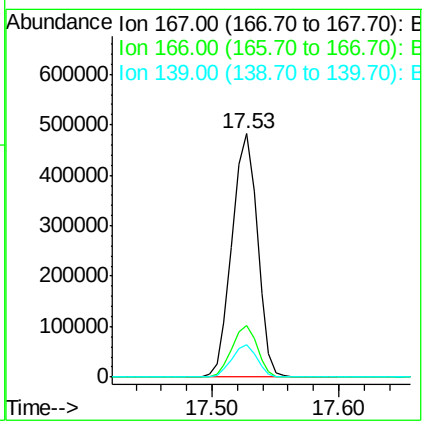


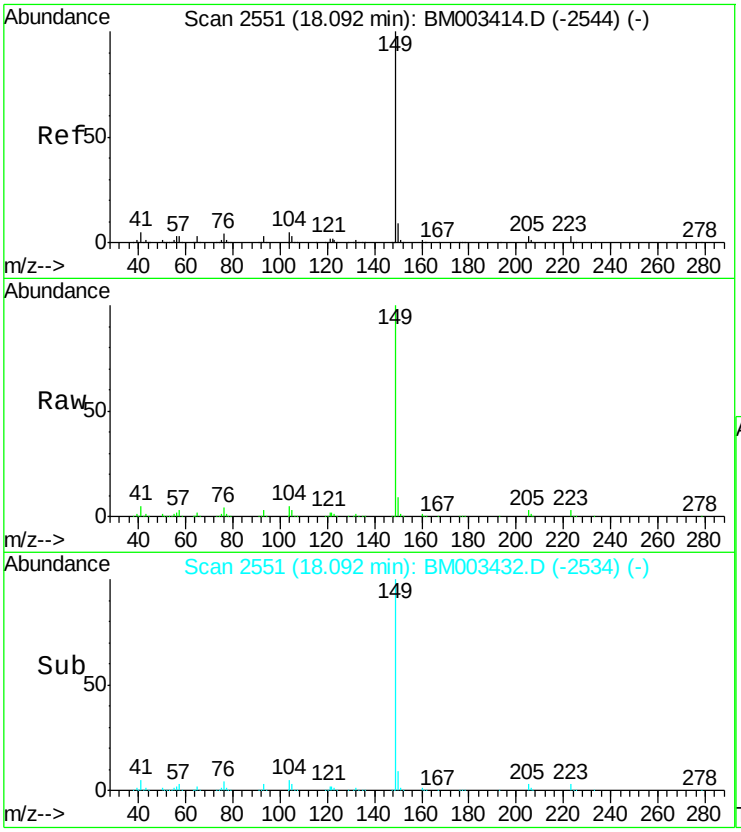




#72
Carbazole
Concen: 43.14 ng
RT: 17.53 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:167 Resp: 669312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.2 | 25.8 |
| 139 | 13.4 | 10.8 | 16.2 |



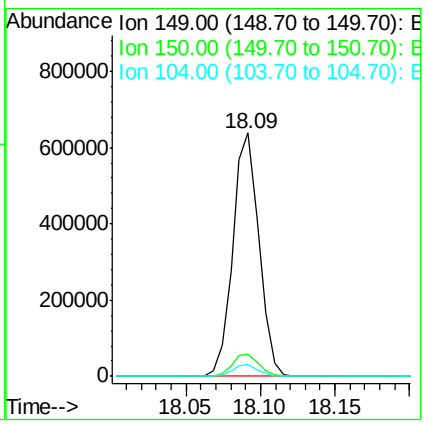


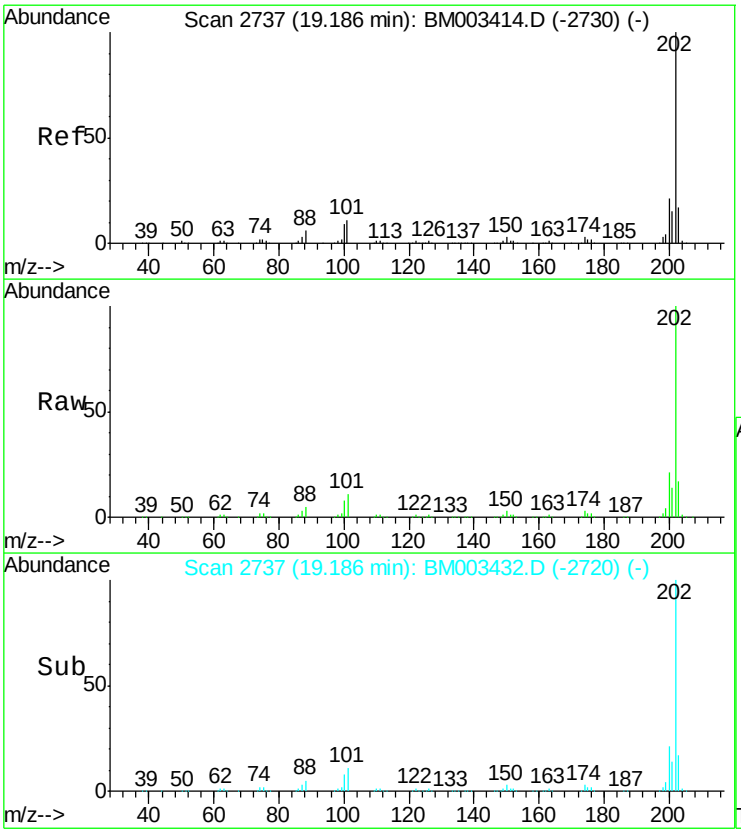

#73
Di-n-butylphthalate
Concen: 43.12 ng
RT: 18.09 min Scan# 2551
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:149 Resp: 781995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.5 | 11.3 |
| 104 | 4.8 | 3.7 | 5.5 |

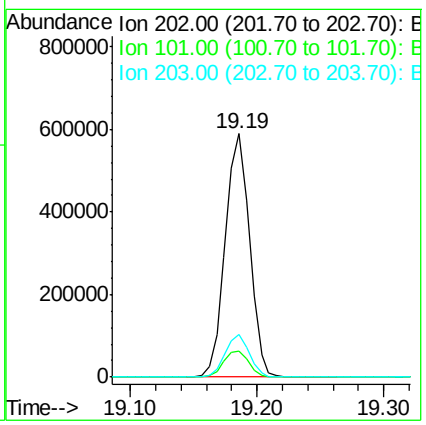


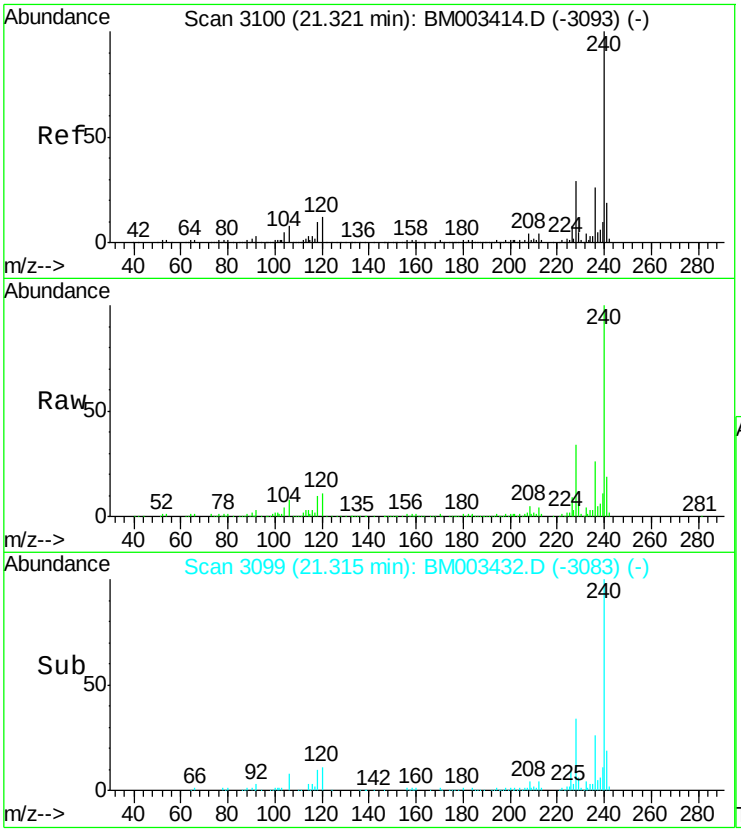




#74
Fluoranthene
Concen: 42.33 ng
RT: 19.19 min Scan# 2737
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:202 Resp: 782483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 28.7 |
| 203 | 17.3 | 0.0 | 37.2 |



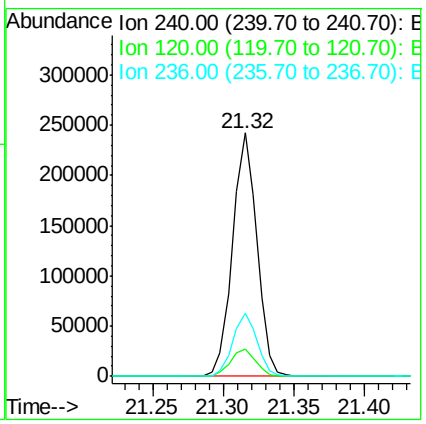


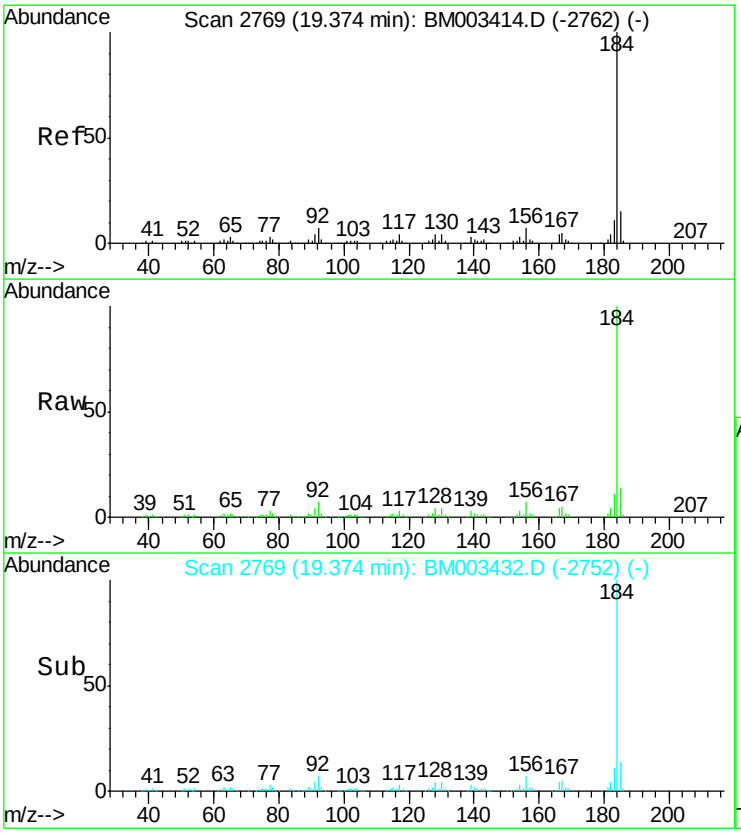

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:240 Resp: 290765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.4 | 8.2 | 12.2 |
| 236 | 25.9 | 20.0 | 30.0 |

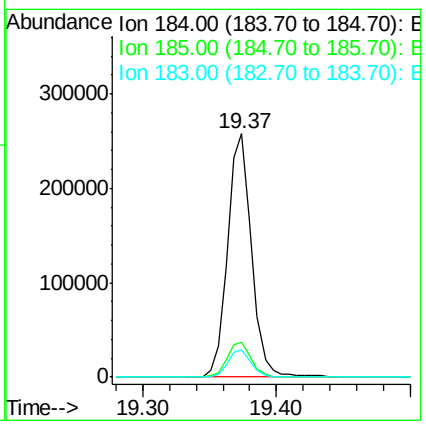


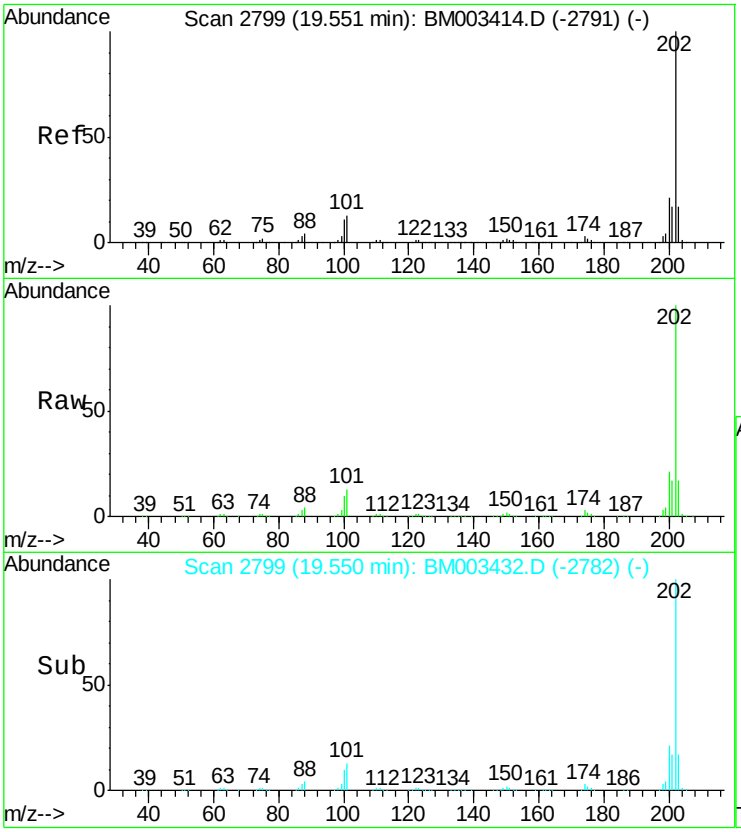




#76
Benzidine
Concen: 34.81 ng
RT: 19.37 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:184 Resp: 324233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 11.3 | 16.9 |
| 183 | 11.4 | 8.9 | 13.3 |



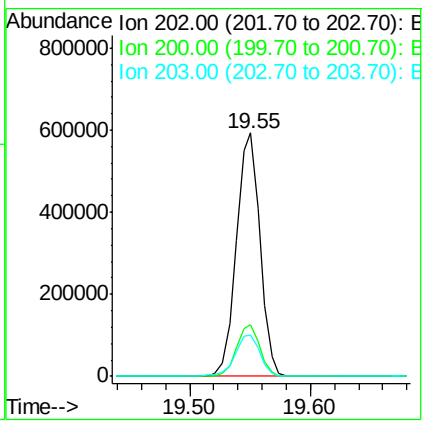


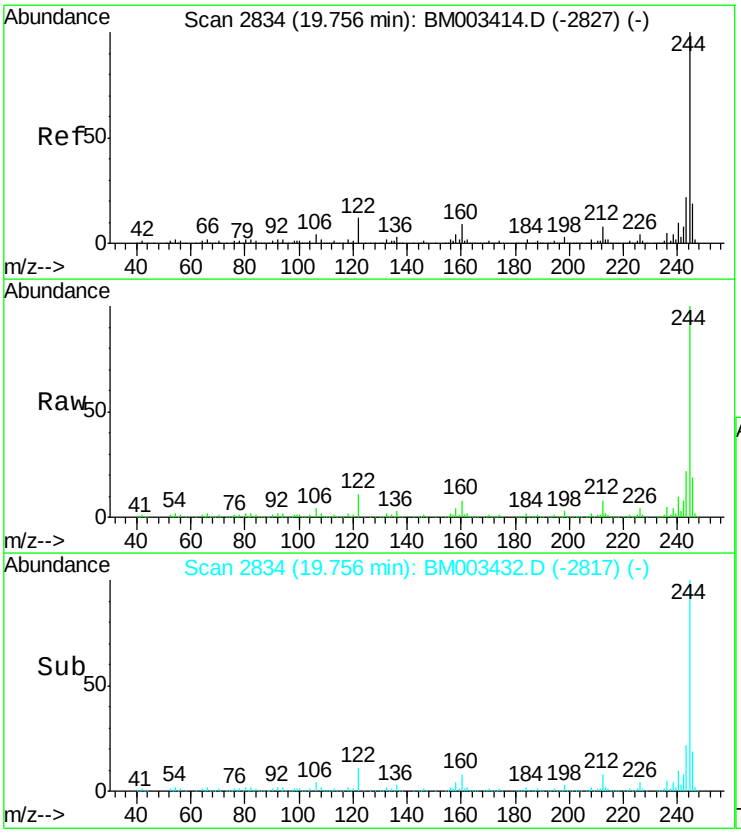

#77
Pyrene
Concen: 39.66 ng
RT: 19.55 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:202 Resp: 808628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 16.9 | 25.3 |
| 203 | 17.1 | 14.1 | 21.1 |

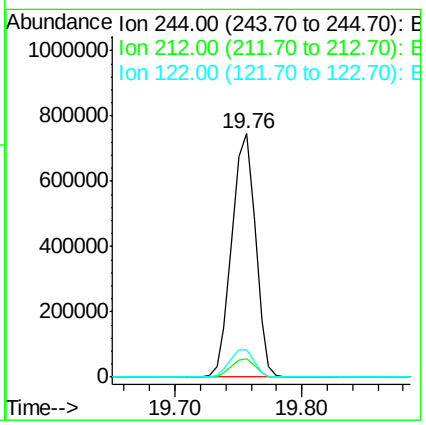


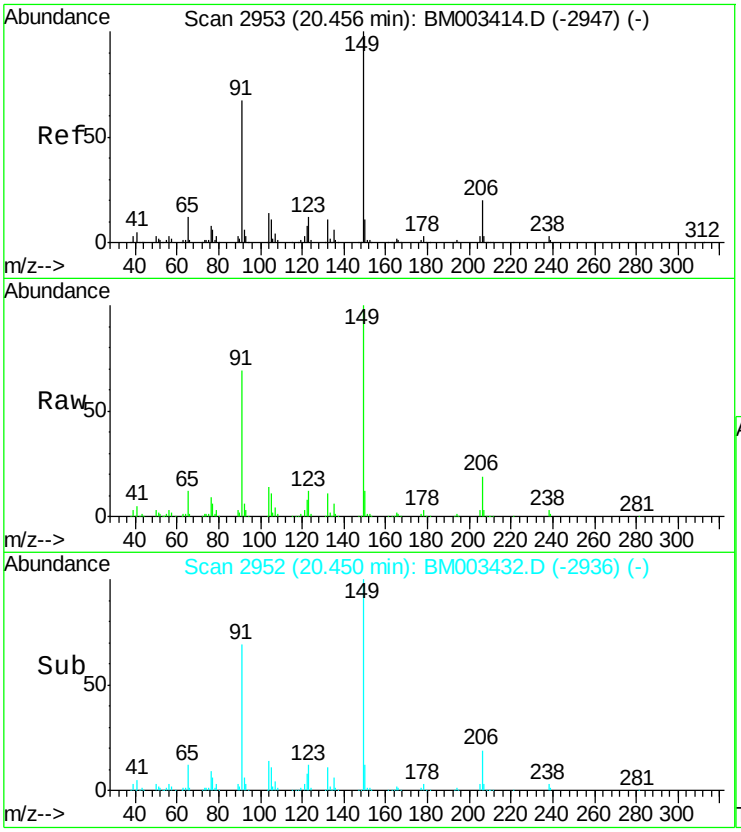




#78
Terphenyl-d14
Concen: 77.95 ng
RT: 19.76 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:244 Resp: 961031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 4.9 | 7.3# |
| 122 | 11.2 | 6.2 | 9.4# |



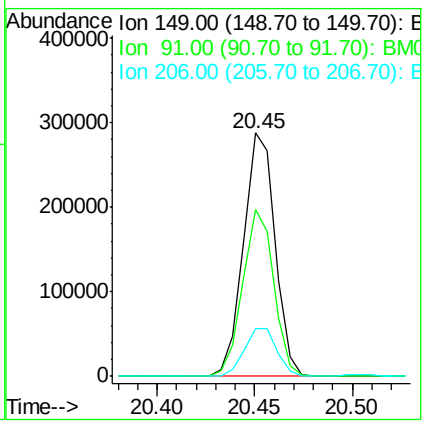


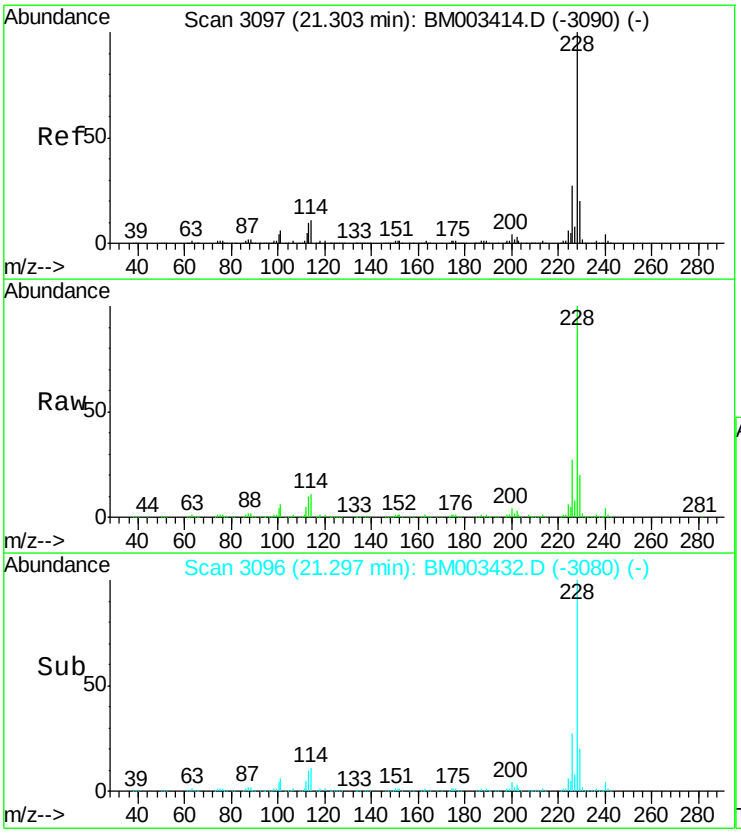

#79
Butylbenzylphthalate
Concen: 41.07 ng
RT: 20.45 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:149 Resp: 322521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.5 | 50.1 | 75.1 |
| 206 | 19.4 | 16.2 | 24.2 |

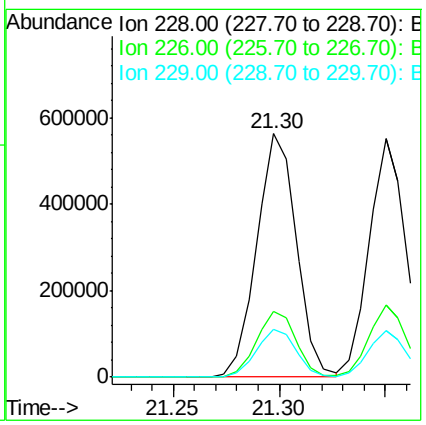


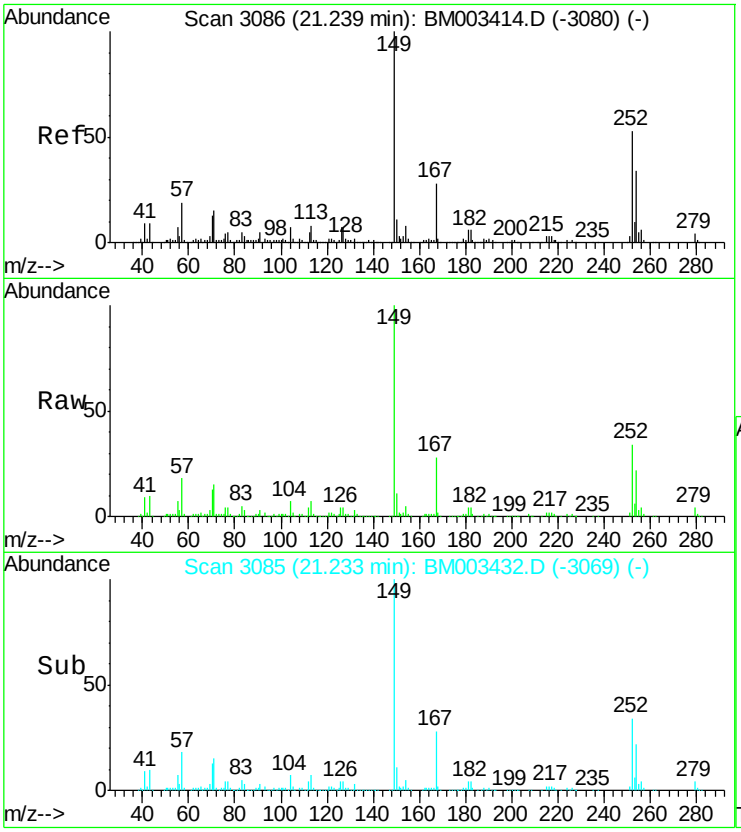




#80
Benzo(a)anthracene
Concen: 42.21 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:228 Resp: 735775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 21.7 | 32.5 |
| 229 | 19.5 | 16.0 | 24.0 |



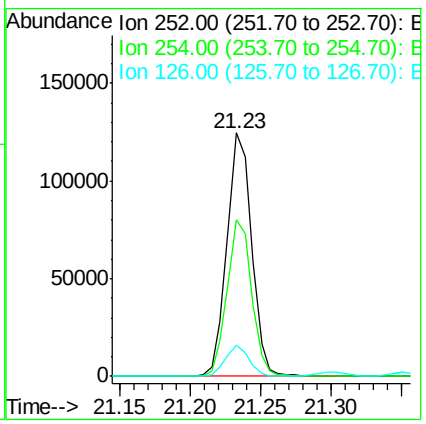


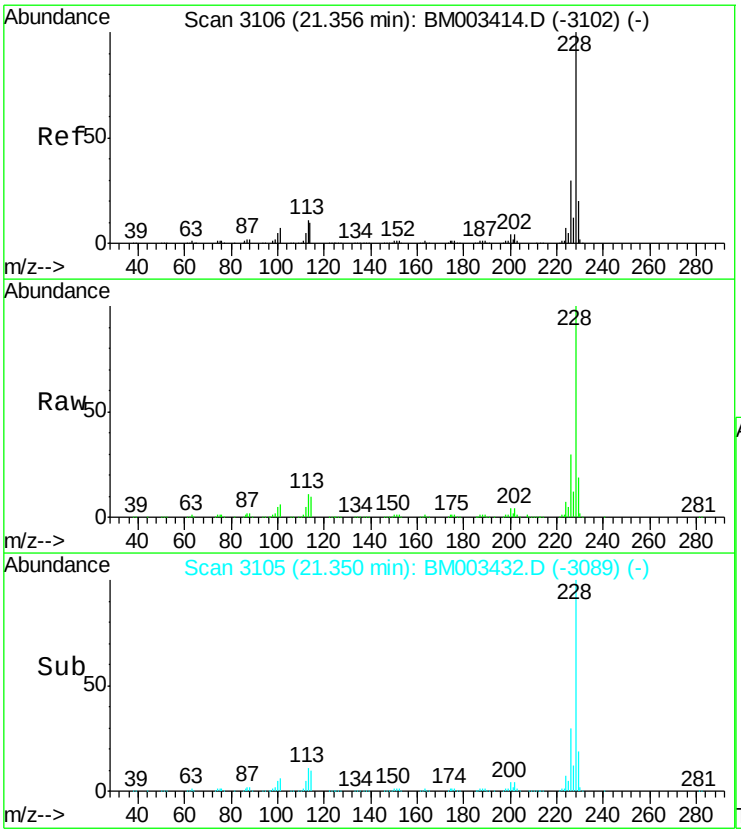

#81
3,3'-Dichlorobenzidine
Concen: 27.48 ng
RT: 21.23 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:252 Resp: 152543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.2 | 51.9 | 77.9 |
| 126 | 12.9 | 9.8 | 14.8 |

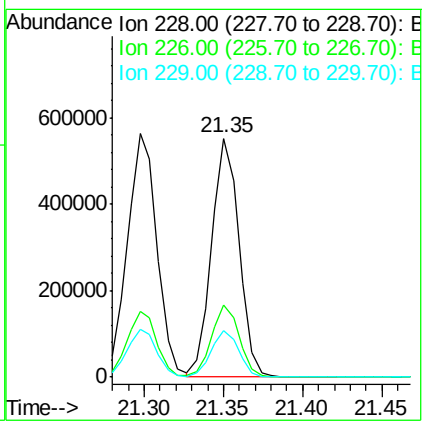


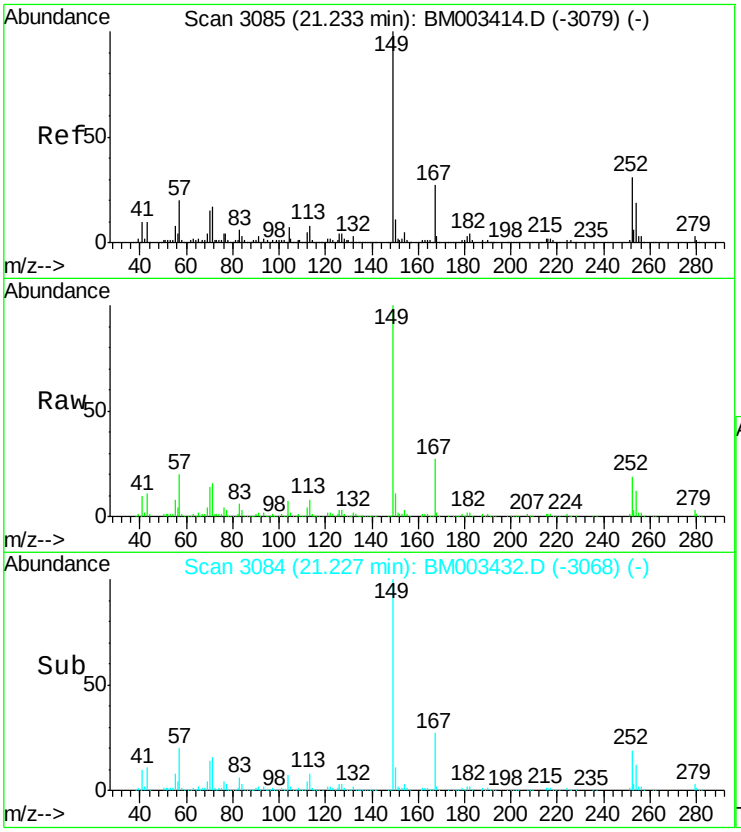




#82
Chrysene
Concen: 39.64 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:228 Resp: 665100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 24.1 | 36.1 |
| 229 | 19.4 | 15.5 | 23.3 |



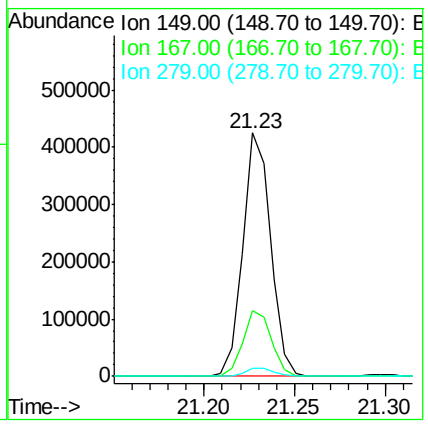


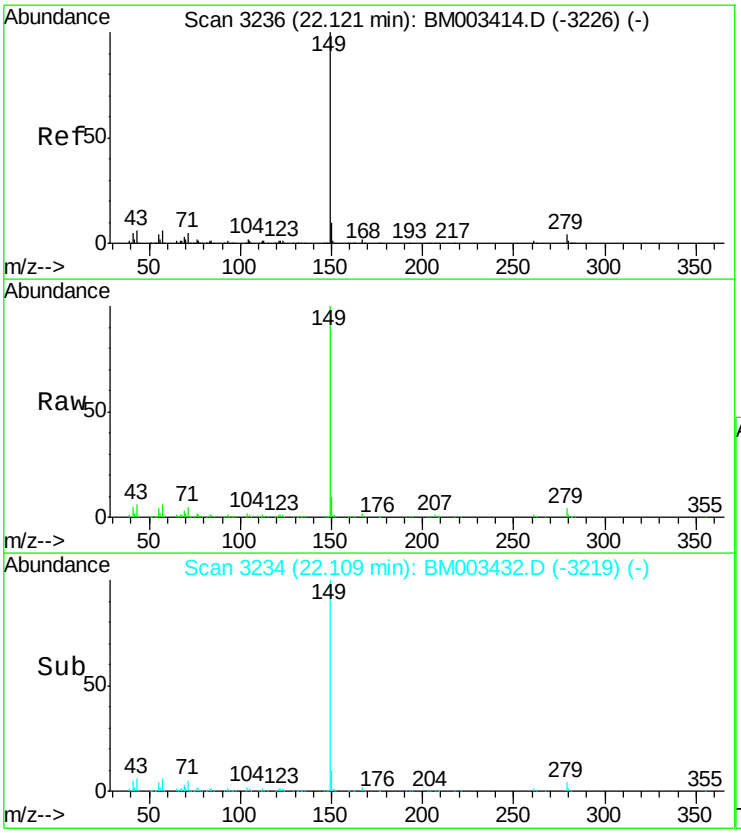

#83
Bis(2-ethylhexyl)phthalate
Concen: 42.12 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:149 Resp: 453624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.1 | 22.4 | 33.6 |
| 279 | 3.4 | 3.4 | 5.0 |

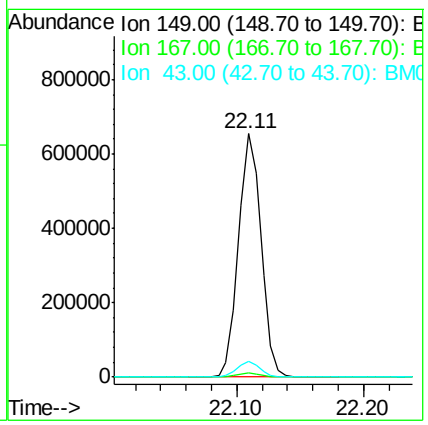


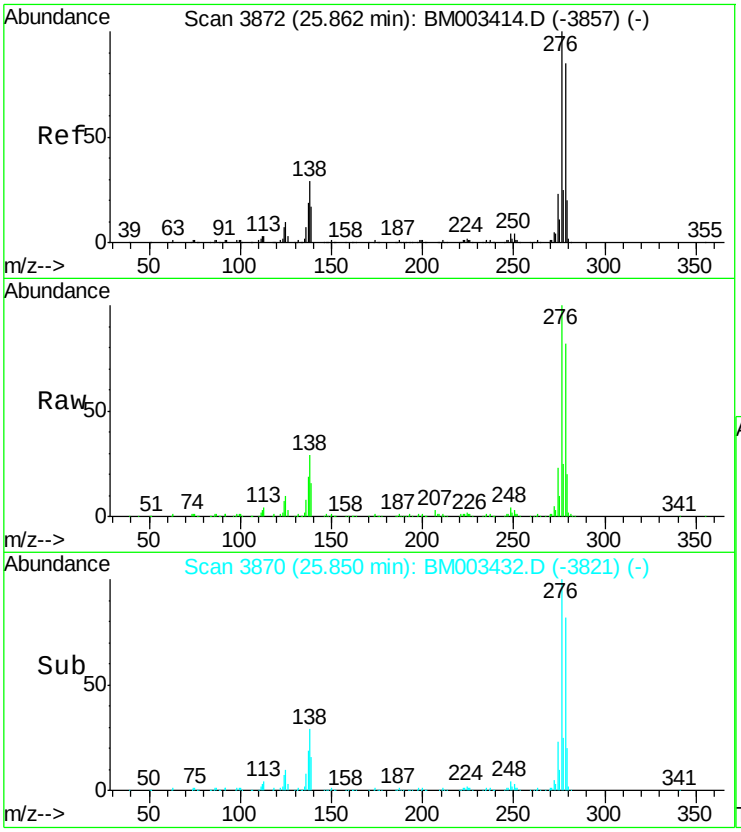




#84
Di-n-octyl phthalate
Concen: 45.20 ng
RT: 22.11 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:149 Resp: 804317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 6.5 | 7.3 | 10.9# |



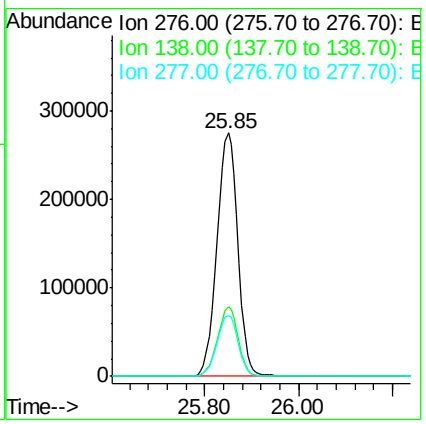


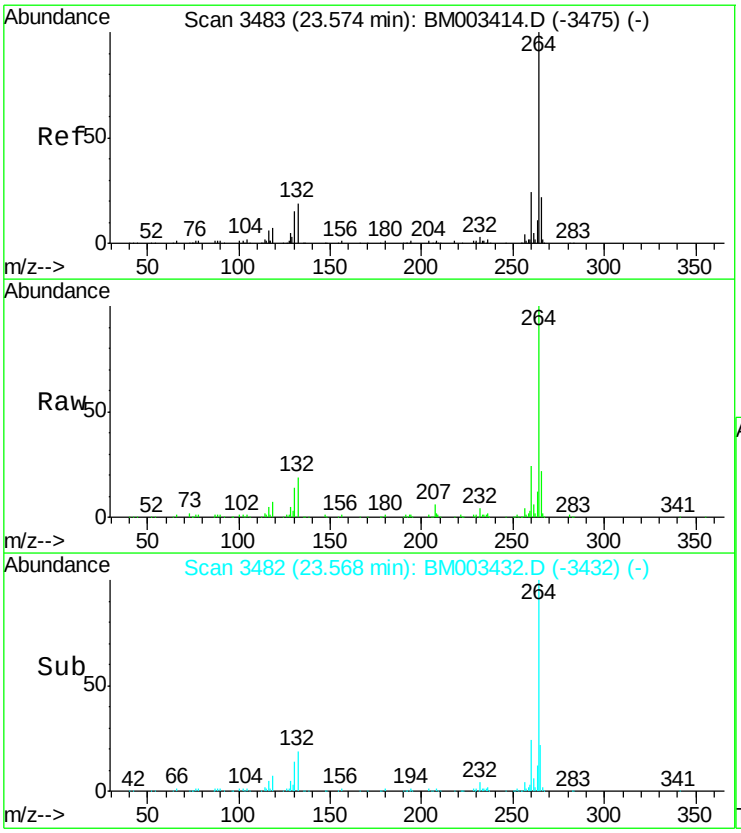

#85
Indeno(1,2,3-cd)pyrene
Concen: 48.30 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:276 Resp: 851528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.1 | 0.0 | 0.0# |
| 277 | 25.2 | 0.0 | 0.0# |

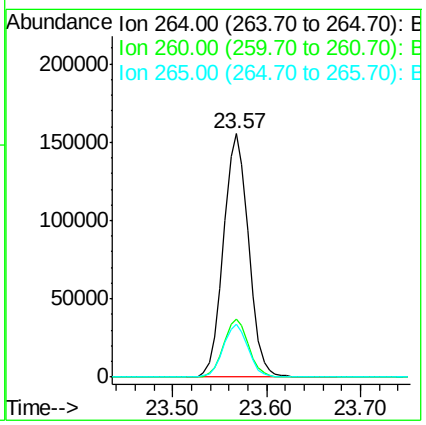


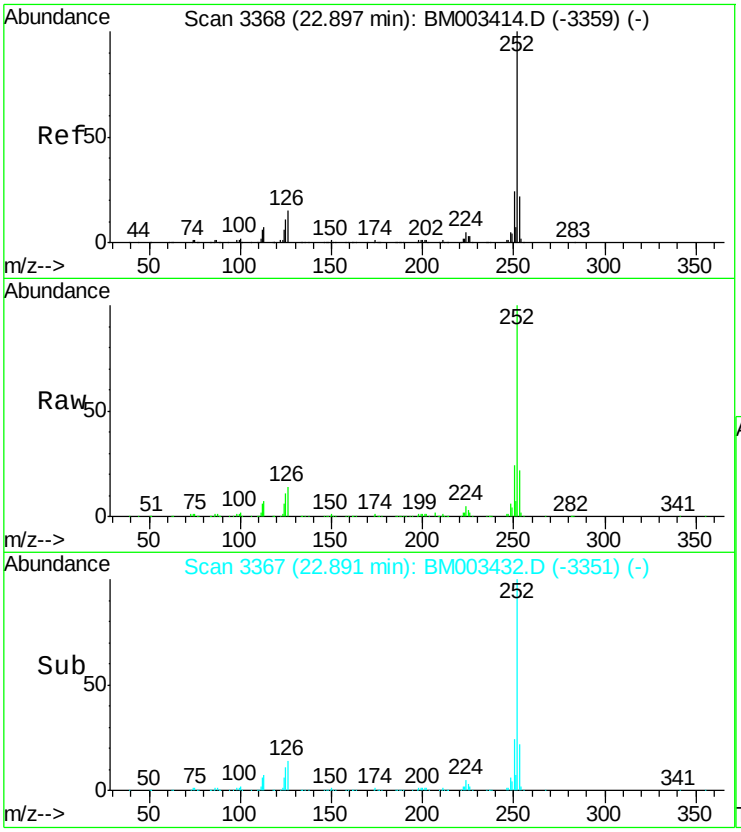




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:264 Resp: 288065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 18.6 | 27.8 |
| 265 | 21.8 | 17.3 | 25.9 |



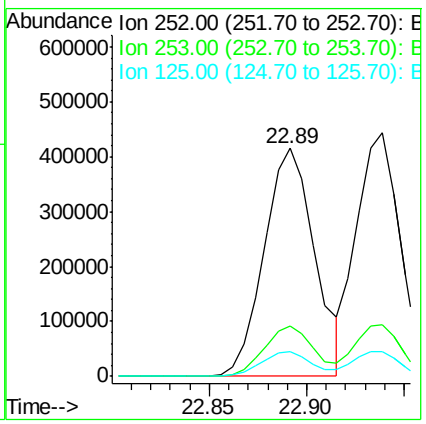


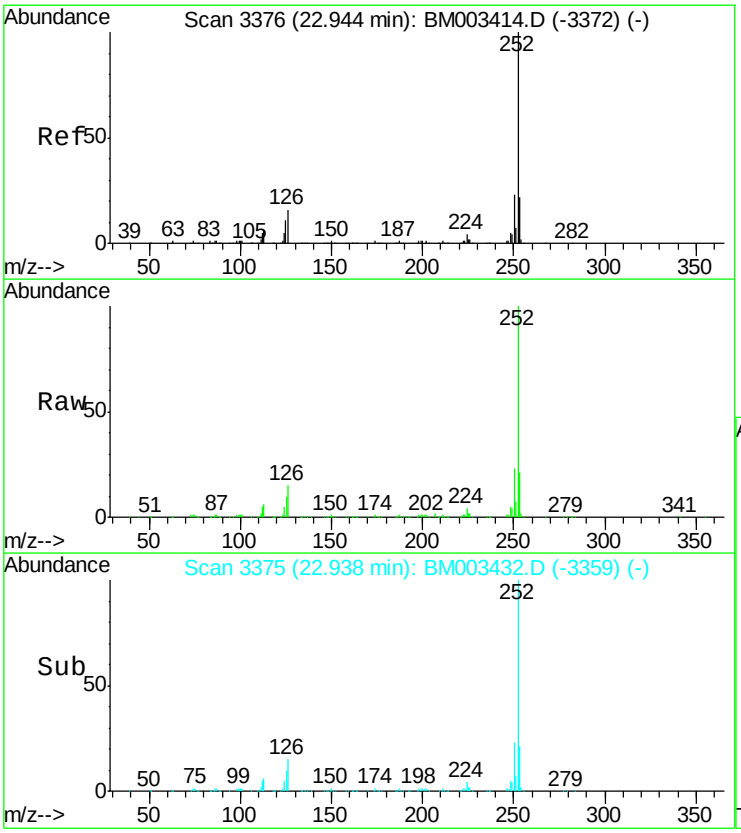

#87
Benzo(b)fluoranthene
Concen: 42.54 ng
RT: 22.89 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:252 Resp: 744894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 18.0 | 27.0 |
| 125 | 10.7 | 9.9 | 14.9 |

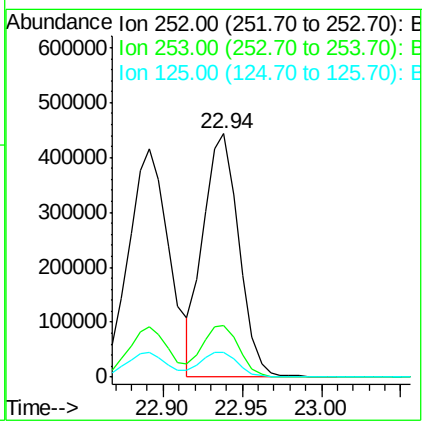


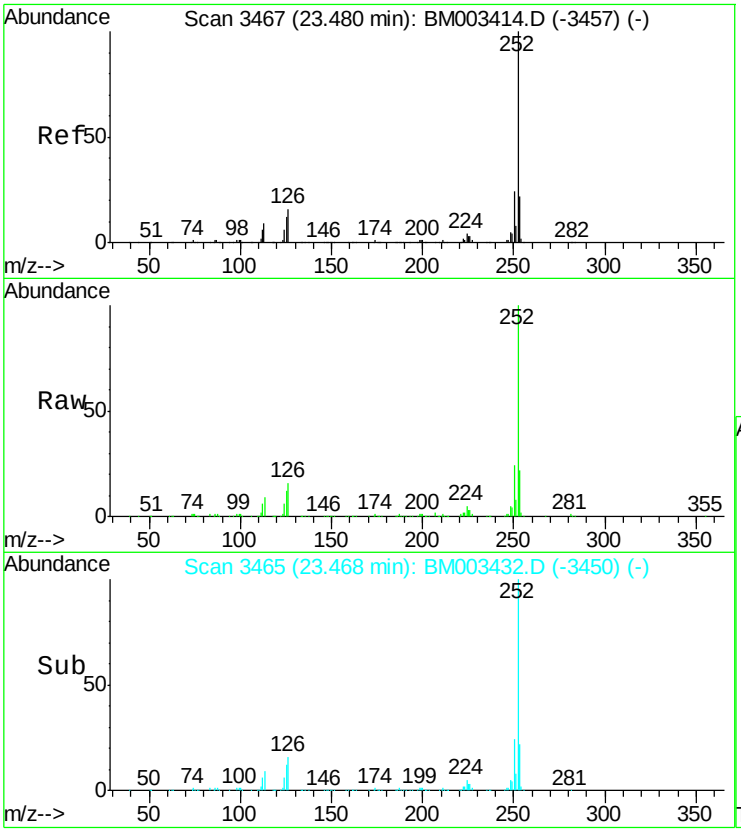




#88
Benzo(k)fluoranthene
Concen: 40.43 ng
RT: 22.94 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:252 Resp: 691112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 17.2 | 25.8 |
| 125 | 10.2 | 8.1 | 12.1 |



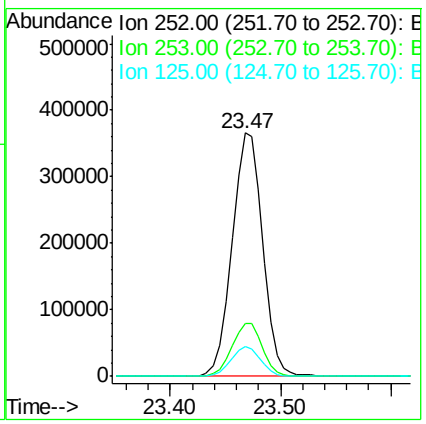


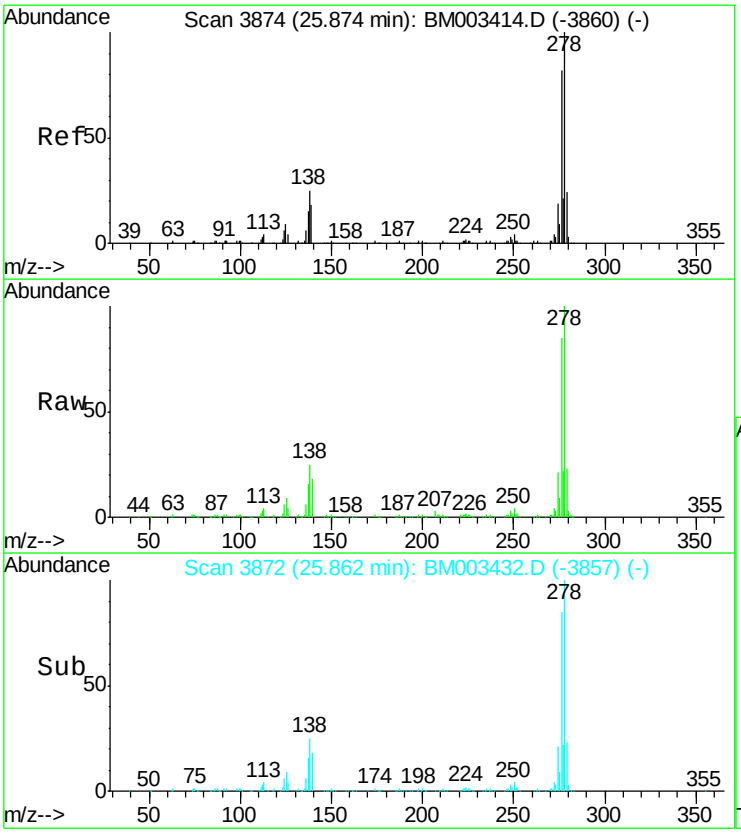

#89
Benzo(a)pyrene
Concen: 43.11 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:252 Resp: 710103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.6 | 26.4 |
| 125 | 12.2 | 7.4 | 11.2# |

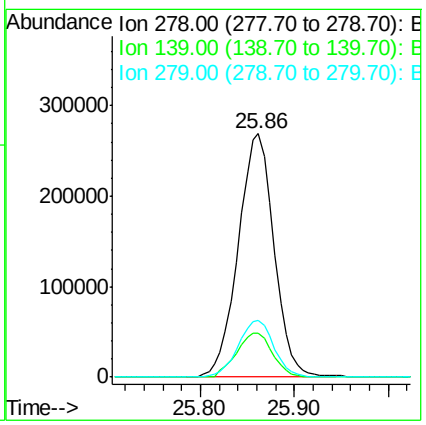


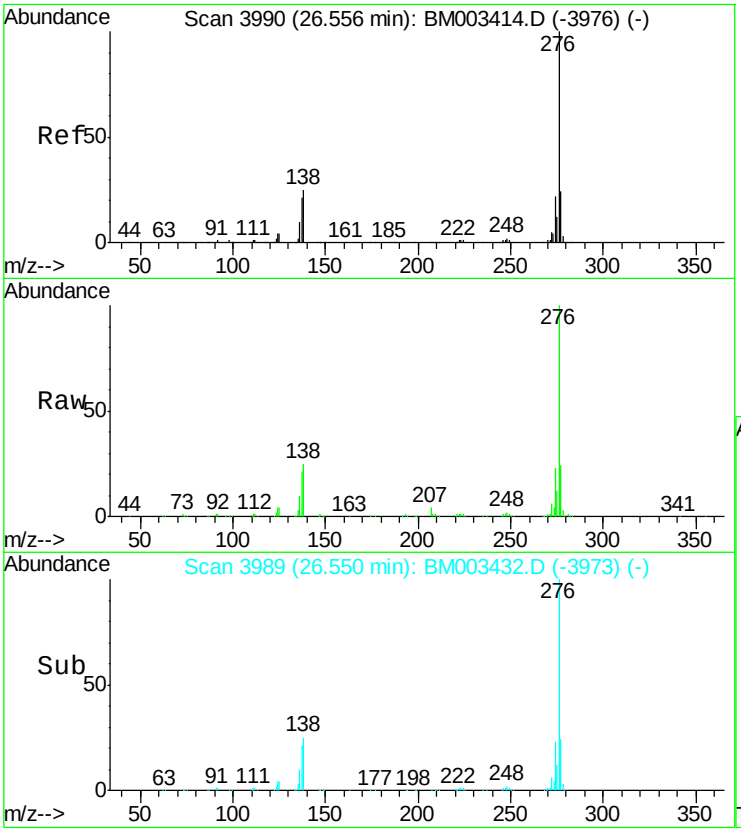




#90
Dibenzo(a,h)anthracene
Concen: 44.15 ng
RT: 25.86 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

Tgt Ion:278 Resp: 710001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.3 | 13.4 | 20.0 |
| 279 | 23.3 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 44.66 ng
RT: 26.55 min Scan# 3989
Delta R.T. -0.01 min
Lab File: BM003432.D
Acq: 10 Dec 2015 02:55

**Instrument :**
BNA_M
**ClientSampleId :**
PB87153BSD

Tgt Ion:276 Resp: 725519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 18.5 | 27.7 |
| 138 | 24.8 | 19.0 | 28.6 |