Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121015\
Data File : BM003460.D
Acq On : 10 Dec 2015 19:47
Operator : UM/IZ
Sample : PB87185BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB87185BS

Quant Time: Dec 11 06:45:47 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 | 75077 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.51 | 136 | 317845 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.37 | 164 | 163135 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.12 | 188 | 306502 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.32 | 240 | 289094 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.57 | 264 | 301863 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.30 | 112 | 296681 | 70.26 | ng | | 0.00 |
| 7) Phenol-d6 | 6.89 | 99 | 384782 | 65.62 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.88 | 82 | 329489 | 64.27 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.86 | 330 | 97797 | 60.03 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.99 | 172 | 783573 | 65.44 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.75 | 244 | 727541 | 59.35 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 47090 | 26.88 | ng | # | 100 |
| 3) Pyridine | 3.60 | 79 | 137062 | 27.92 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.53 | 42 | 49750 | 31.66 | ng | | 85 |
| 6) Aniline | 7.05 | 93 | 123337 | 15.98 | ng | | 95 |
| 8) 2-Chlorophenol | 7.29 | 128 | 172093 | 32.18 | ng | | 95 |
| 9) Benzaldehyde | 6.86 | 77 | 74175 | 25.80 | ng | | 95 |
| 10) Phenol | 6.92 | 94 | 200596 | 32.24 | ng | # | 71 |
| 11) bis(2-Chloroethyl)ether | 7.15 | 93 | 147772 | 29.36 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.61 | 146 | 175437 | 29.87 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.76 | 146 | 179822 | 29.69 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.07 | 146 | 172511 | 29.83 | ng | | 97 |
| 15) Benzyl Alcohol | 7.96 | 79 | 132527 | 32.66 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.26 | 45 | 147866 | 27.50 | ng | | 91 |
| 17) 2-Methylphenol | 8.17 | 107 | 138355 | 31.80 | ng | | 97 |
| 18) Hexachloroethane | 8.80 | 117 | 62447 | 30.01 | ng | | 91 |
| 19) n-Nitroso-di-n-propylamine | 8.53 | 70 | 110406 | 28.70 | ng | # | 87 |
| 20) 3+4-Methylphenols | 8.49 | 107 | 185633 | 30.84 | ng | | 97 |
| 22) Acetophenone | 8.54 | 105 | 231160 | 29.67 | ng | # | 90 |
| 24) Nitrobenzene | 8.92 | 77 | 169410 | 30.57 | ng | # | 89 |
| 25) Isophorone | 9.44 | 82 | 301118 | 29.04 | ng | | 97 |
| 26) 2-Nitrophenol | 9.63 | 139 | 85202 | 30.39 | ng | # | 90 |
| 27) 2,4-Dimethylphenol | 9.69 | 122 | 156248 | 32.01 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 9.93 | 93 | 195450 | 31.37 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.16 | 162 | 152990 | 32.90 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.37 | 180 | 159858 | 30.79 | ng | | 98 |
| 31) Naphthalene | 10.56 | 128 | 507469 | 30.51 | ng | | 99 |
| 32) Benzoic acid | 9.81 | 122 | 80566 | 30.42 | ng | | 97 |
| 33) 4-Chloroaniline | 10.67 | 127 | 40917 | 5.96 | ng | | 95 |
| 34) Hexachlorobutadiene | 10.85 | 225 | 93980 | 30.53 | ng | | 98 |
| 35) Caprolactam | 11.43 | 113 | 40856 | 26.58 | ng | # | 71 |
| 36) 4-Chloro-3-methylphenol | 11.80 | 107 | 151981 | 28.99 | ng | | 92 |
| 37) 2-Methylnaphthalene | 12.18 | 142 | 360455 | 31.60 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.56 | 216 | 168407 | 32.11 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.53 | 237 | 193649 | 66.20 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121015\
Data File : BM003460.D
Acq On : 10 Dec 2015 19:47
Operator : UM/IZ
Sample : PB87185BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB87185BS

Quant Time: Dec 11 06:45:47 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 | 112107 | 32.77 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 12.87 | 196 | 118008 | 32.83 | ng | # | 90 |
| 45) 1,1'-Biphenyl | 13.20 | 154 | 444572 | 30.73 | ng | | 98 |
| 46) 2-Chloronaphthalene | 13.25 | 162 | 336160 | 31.64 | ng | # | 93 |
| 47) 2-Nitroaniline | 13.45 | 65 | 77434 | 29.38 | ng | | 94 |
| 48) Acenaphthylene | 14.09 | 152 | 543801 | 30.70 | ng | | 100 |
| 49) Dimethylphthalate | 13.83 | 163 | 398701 | 29.66 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 13.95 | 165 | 84217 | 30.03 | ng | | 95 |
| 51) Acenaphthene | 14.44 | 154 | 314368 | 30.62 | ng | | 100 |
| 52) 3-Nitroaniline | 14.28 | 138 | 35055 | 12.21 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 14.49 | 184 | 63856 | 43.67 | ng | # | 82 |
| 54) Dibenzofuran | 14.77 | 168 | 492998 | 33.25 | ng | | 94 |
| 55) 4-Nitrophenol | 14.59 | 139 | 127922 | 53.97 | ng | | 80 |
| 56) 2,4-Dinitrotoluene | 14.74 | 165 | 110363 | 30.33 | ng | # | 71 |
| 57) Fluorene | 15.42 | 166 | 378520 | 30.79 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.00 | 232 | 93729 | 33.92 | ng | # | 100 |
| 59) Diethylphthalate | 15.20 | 149 | 385058 | 29.17 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.42 | 204 | 184434 | 29.67 | ng | | 93 |
| 61) 4-Nitroaniline | 15.44 | 138 | 77343 | 26.38 | ng | | 76 |
| 62) Azobenzene | 15.71 | 77 | 339151 | 32.78 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.50 | 198 | 47158 | 25.50 | ng | | 84 |
| 65) n-Nitrosodiphenylamine | 15.63 | 169 | 321114 | 33.14 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 16.32 | 248 | 105119 | 31.81 | ng | # | 87 |
| 67) Hexachlorobenzene | 16.43 | 284 | 114141 | 32.15 | ng | # | 84 |
| 68) Atrazine | 16.59 | 200 | 100921 | 33.39 | ng | | 98 |
| 69) Pentachlorophenol | 16.77 | 266 | 118123 | 58.28 | ng | | 97 |
| 70) Phenanthrene | 17.16 | 178 | 550821 | 32.03 | ng | | 99 |
| 71) Anthracene | 17.25 | 178 | 548101 | 32.07 | ng | | 99 |
| 72) Carbazole | 17.53 | 167 | 472966 | 31.77 | ng | | 99 |
| 73) Di-n-butylphthalate | 18.09 | 149 | 561763 | 32.28 | ng | | 99 |
| 74) Fluoranthene | 19.19 | 202 | 565814 | 31.90 | ng | | 98 |
| 76) Benzidine | 19.37 | 184 | 204316 | 22.06 | ng | | 99 |
| 77) Pyrene | 19.55 | 202 | 589678 | 29.09 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.45 | 149 | 230311 | 29.50 | ng | | 94 |
| 80) Benzo(a)anthracene | 21.30 | 228 | 542712 | 31.31 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 21.23 | 252 | 112914 | 20.46 | ng | | 99 |
| 82) Chrysene | 21.35 | 228 | 495904 | 29.73 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 21.23 | 149 | 330169 | 30.83 | ng | | 98 |
| 84) Di-n-octyl phthalate | 22.11 | 149 | 582348 | 32.92 | ng | # | 94 |
| 85) Indeno(1,2,3-cd)pyrene | 25.84 | 276 | 670242 | 38.24 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 22.89 | 252 | 576384 | 31.41 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 22.94 | 252 | 532094 | 29.70 | ng | | 100 |
| 89) Benzo(a)pyrene | 23.47 | 252 | 554529 | 32.13 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 25.86 | 278 | 564996 | 33.53 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 26.54 | 276 | 568982 | 33.42 | ng | | 99 |

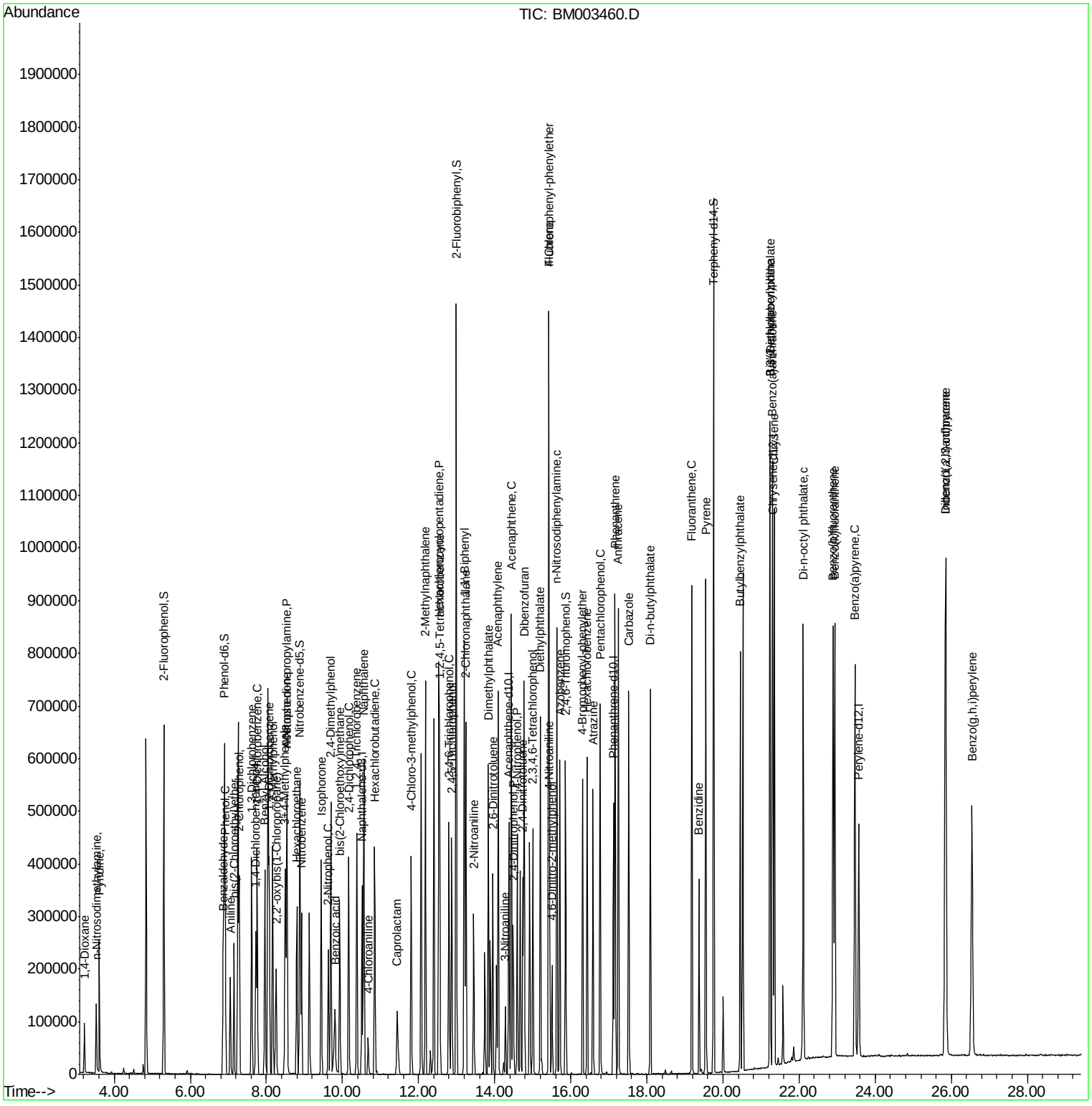
(#) = qualifier out of range (m) = manual integration (+) = signals summed

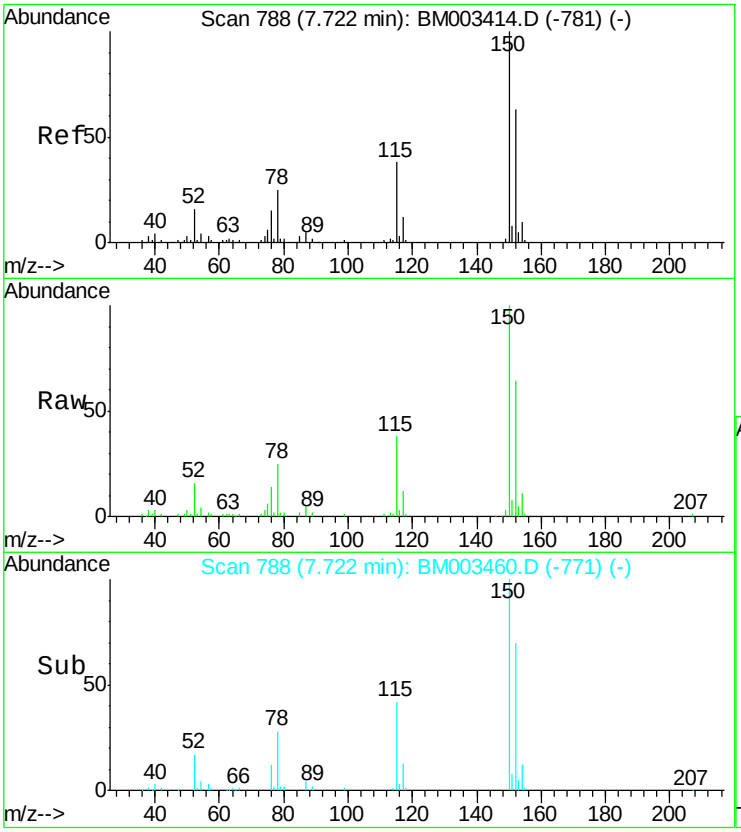
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121015\
Data File : BM003460.D
Acq On : 10 Dec 2015 19:47
Operator : UM/IZ
Sample : PB87185BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Quant Time: Dec 11 06:45:47 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



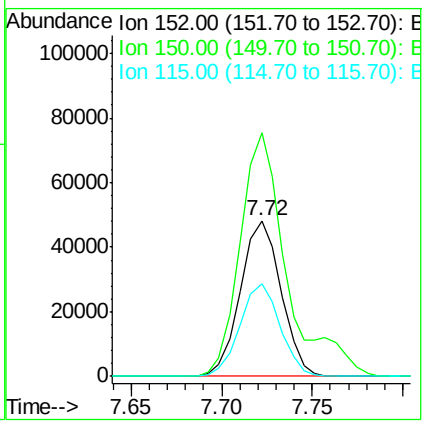


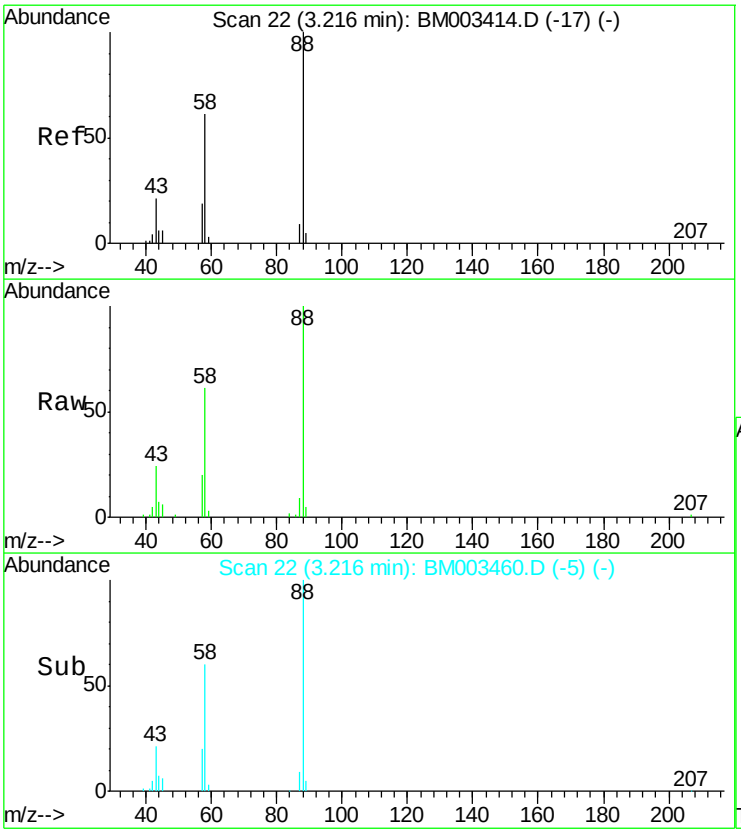

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:152 Resp: 75077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.2 | 119.5 | 179.3 |
| 115 | 59.7 | 43.0 | 64.4 |

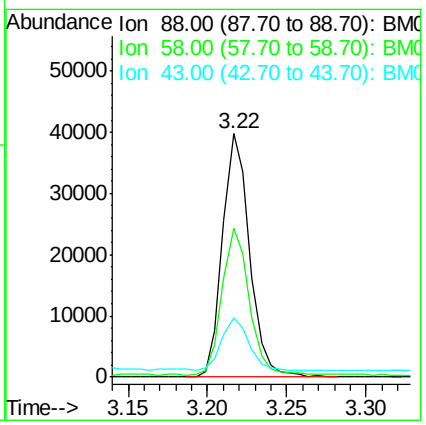


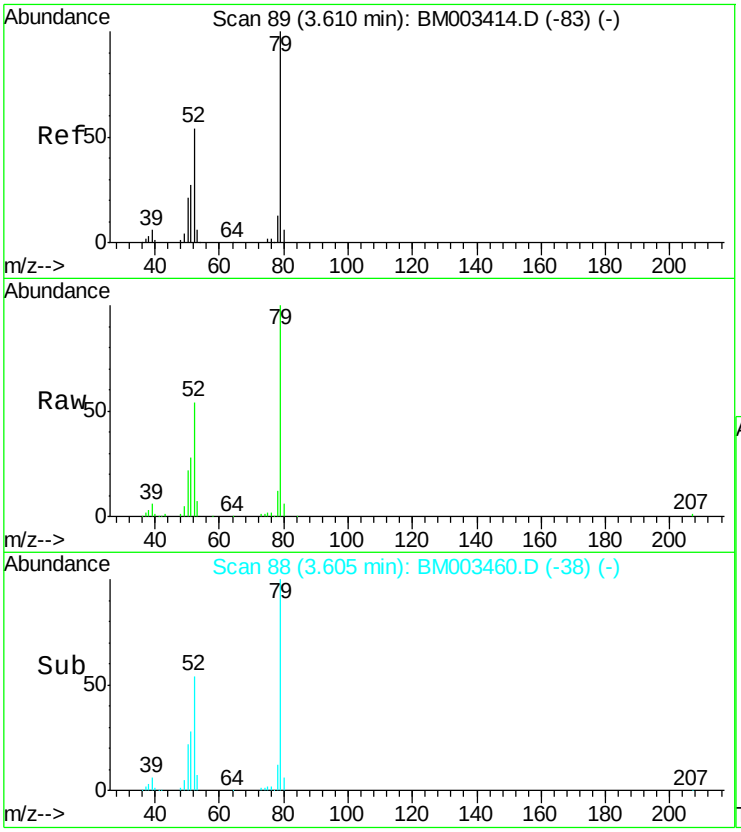




#2
1,4-Dioxane
Concen: 26.88 ng
RT: 3.22 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 88 Resp: 47090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 60.1 | 0.0 | 0.0# |
| 43 | 21.5 | 0.0 | 0.0# |



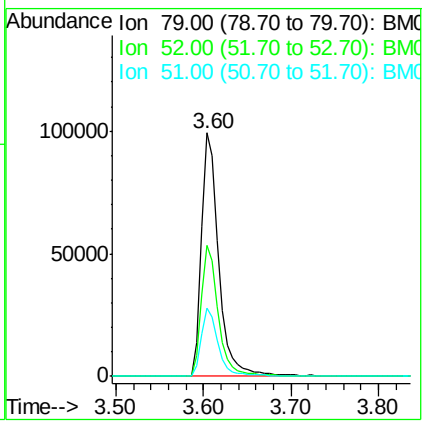


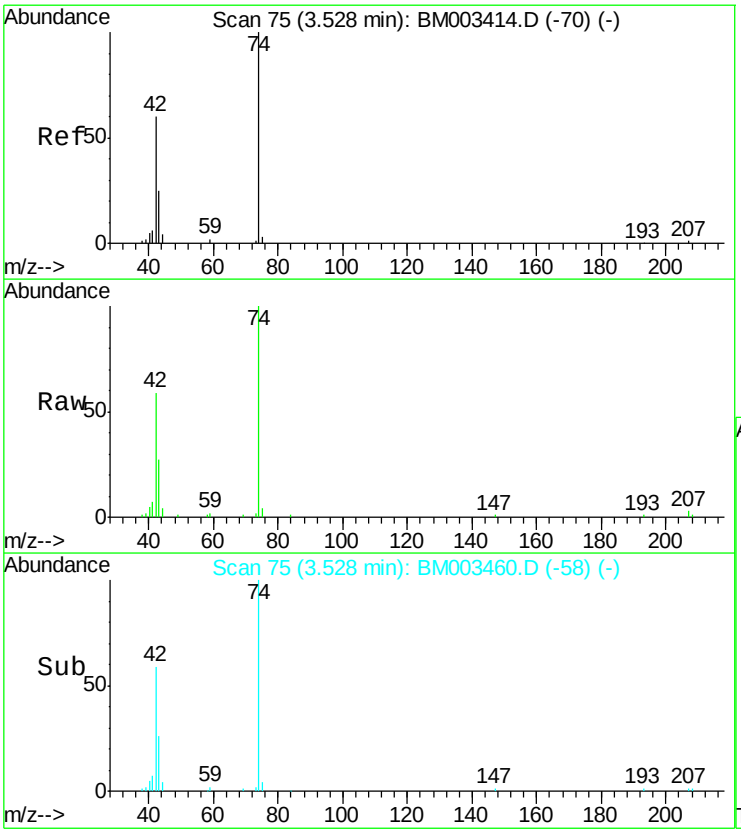

#3
Pyridine
Concen: 27.92 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion: 79 Resp: 137062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 54.0 | 51.1 | 76.7 |
| 51 | 27.8 | 26.1 | 39.1 |

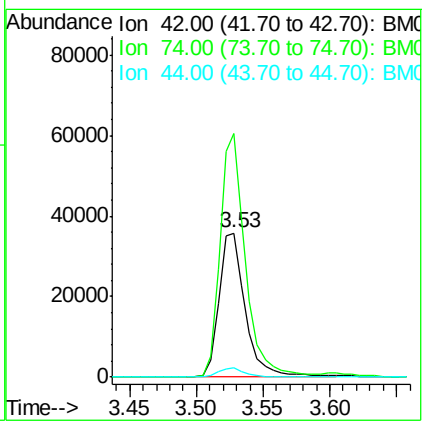


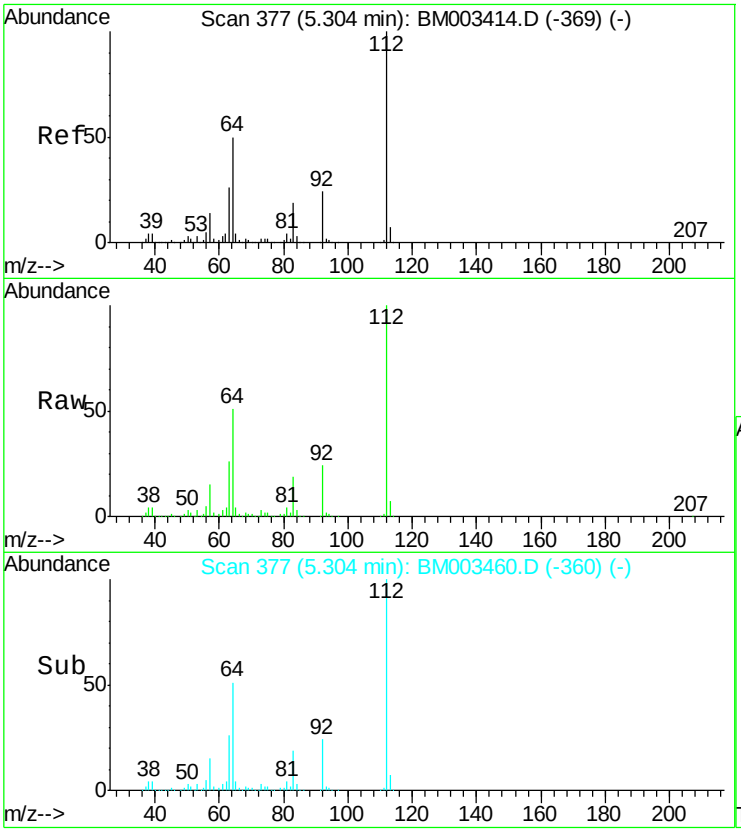




#4
n-Nitrosodimethylamine
Concen: 31.66 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 42 Resp: 49750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 168.6 | 119.3 | 178.9 |
| 44 | 6.3 | 5.4 | 8.2 |



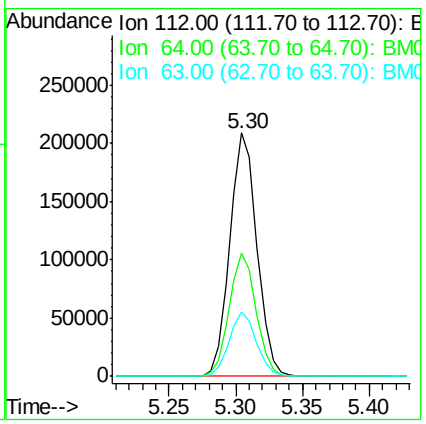


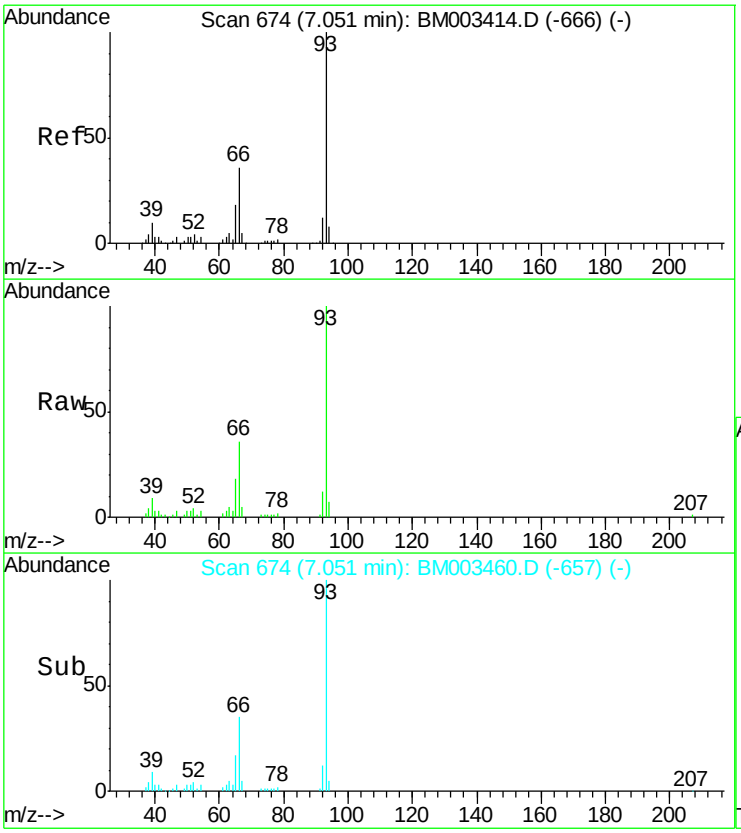

#5
2-Fluorophenol
Concen: 70.26 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:112 Resp: 296681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.7 | 38.6 | 57.8 |
| 63 | 26.2 | 19.3 | 28.9 |

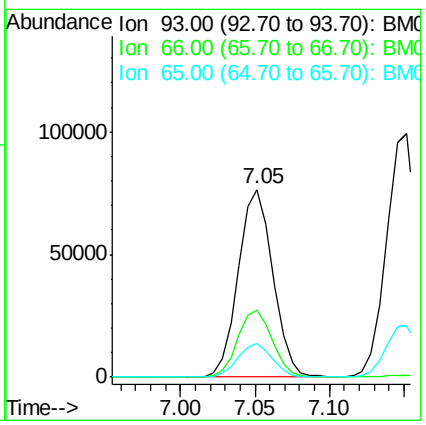


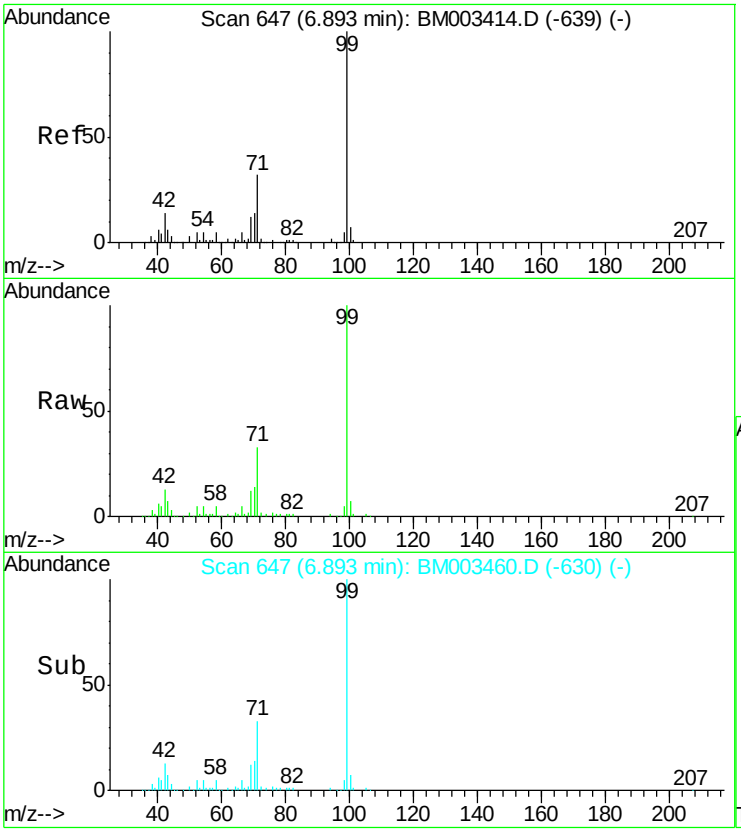




#6
Aniline
Concen: 15.98 ng
RT: 7.05 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 93 Resp: 123337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.8 | 30.8 | 46.2 |
| 65 | 17.8 | 16.0 | 24.0 |



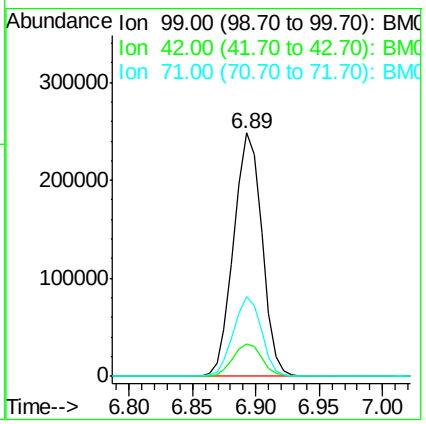


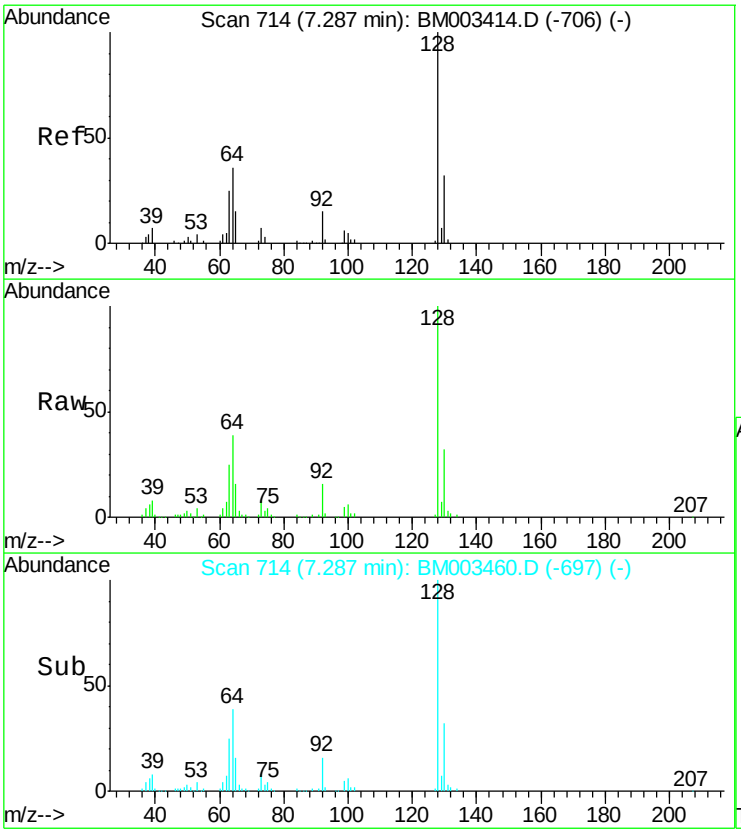

#7
Phenol-d6
Concen: 65.62 ng
RT: 6.89 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion: 99 Resp: 384782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.4 | 11.0 | 16.4 |
| 71 | 32.6 | 23.4 | 35.2 |

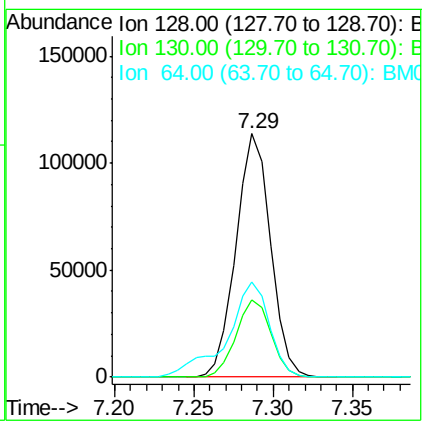


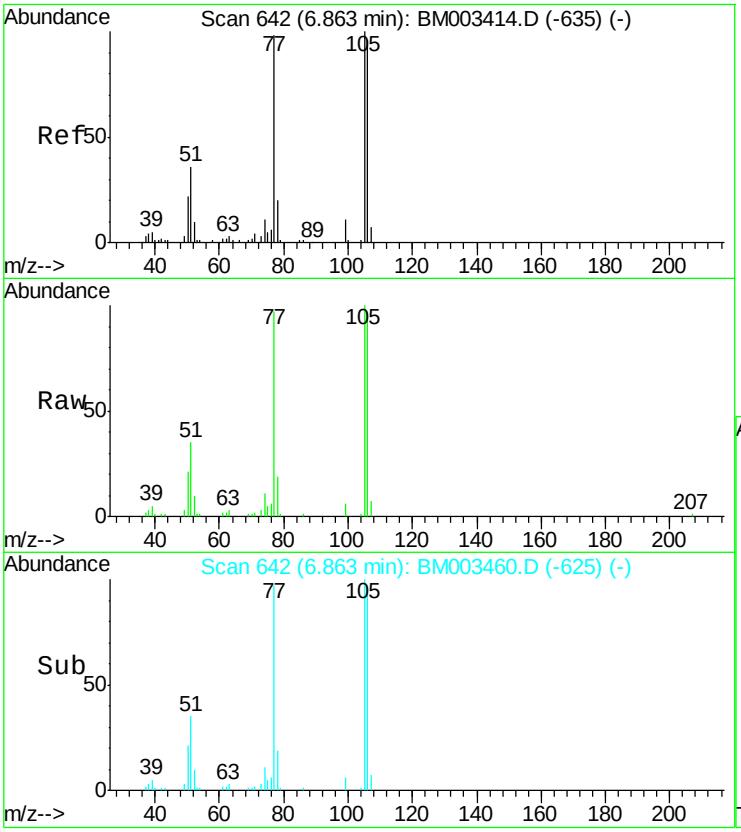




#8
2-Chlorophenol
Concen: 32.18 ng
RT: 7.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:128 Resp: 172093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.9 | 12.0 | 52.0 |
| 64 | 39.2 | 24.9 | 64.9 |



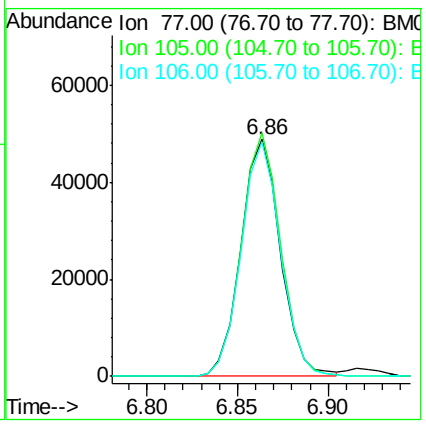


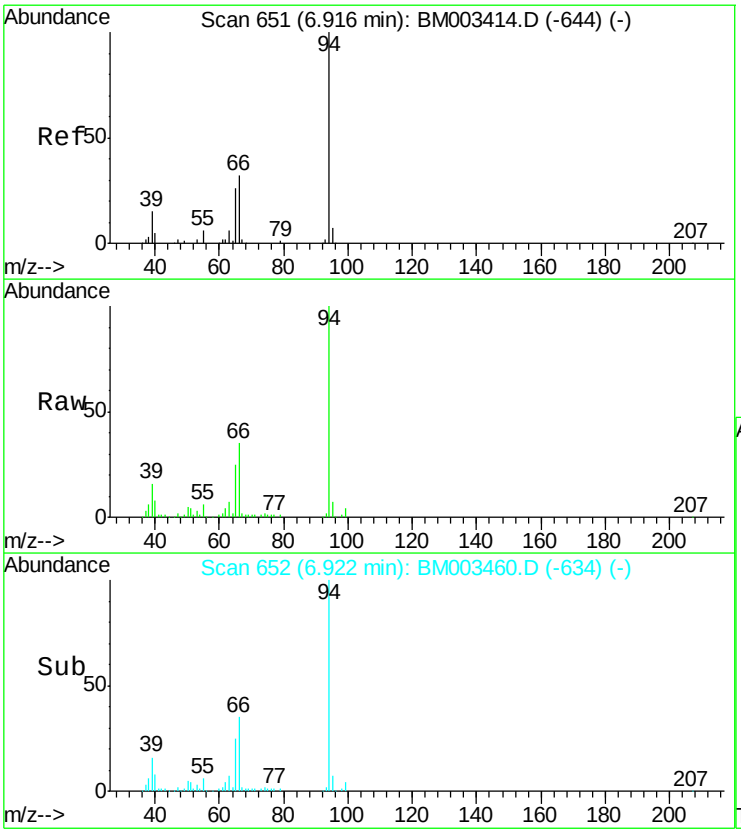

#9
Benzaldehyde
Concen: 25.80 ng
RT: 6.86 min Scan# 642
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion: 77 Resp: 74175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.7 | 78.8 | 118.8 |
| 106 | 99.1 | 73.7 | 113.7 |

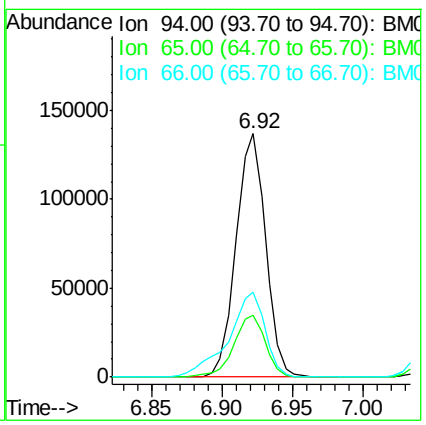


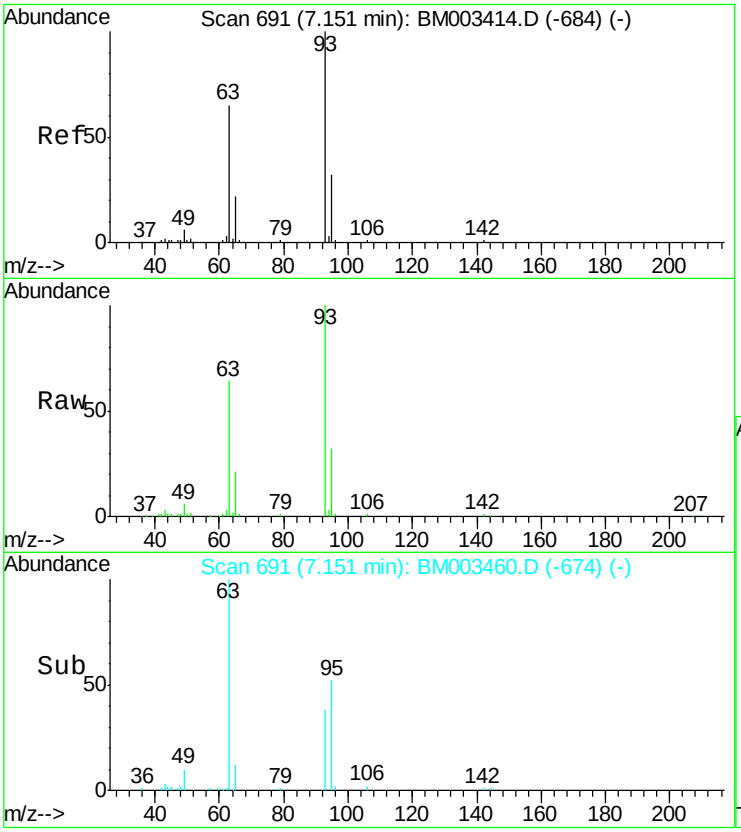




#10
Phenol
Concen: 32.24 ng
RT: 6.92 min Scan# 652
Delta R.T. 0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 94 Resp: 200596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.3 | 18.8 | 58.8 |
| 66 | 35.0 | 39.9 | 79.9# |



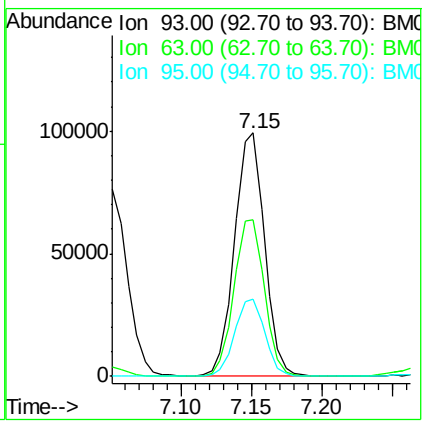


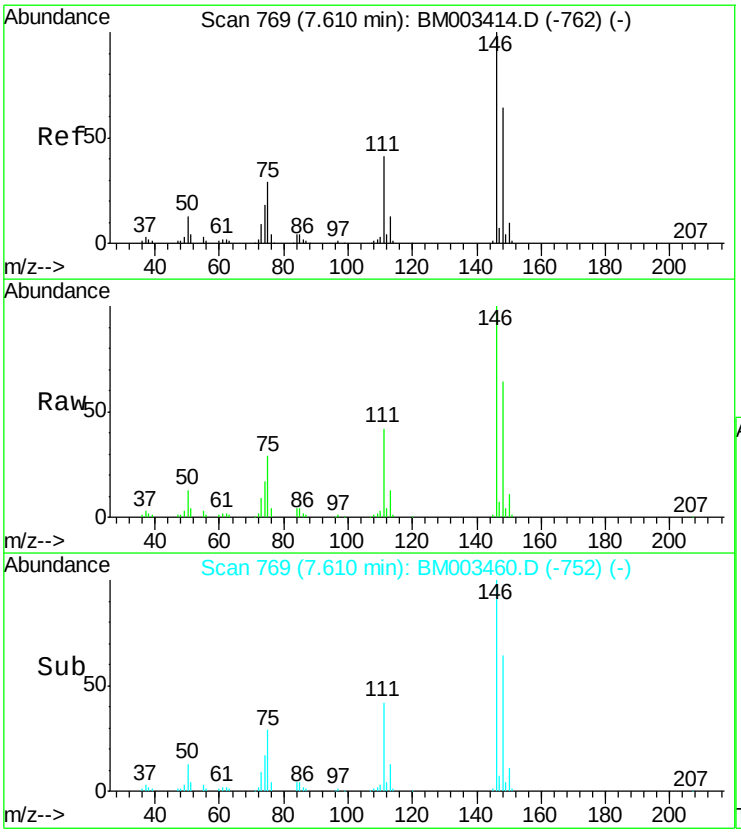

#11
bis(2-Chloroethyl)ether
Concen: 29.36 ng
RT: 7.15 min Scan# 691
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion: 93 Resp: 147772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 64.4 | 49.5 | 89.5 |
| 95 | 31.7 | 13.5 | 53.5 |

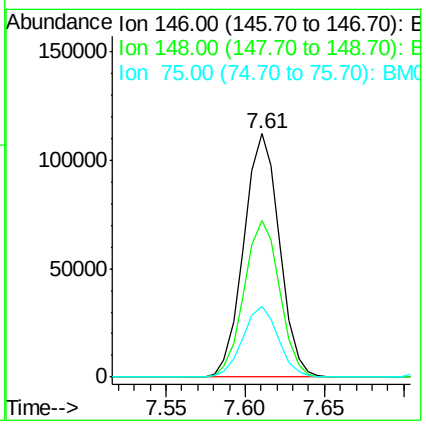


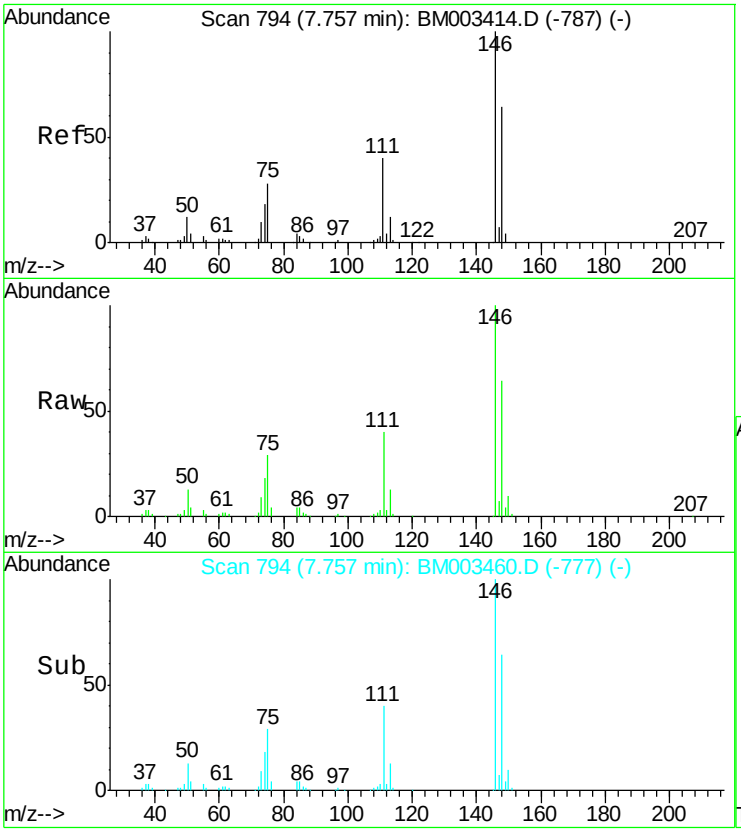




#12
1,3-Dichlorobenzene
Concen: 29.87 ng
RT: 7.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:146 Resp: 175437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 50.9 | 76.3 |
| 75 | 28.9 | 21.4 | 32.2 |



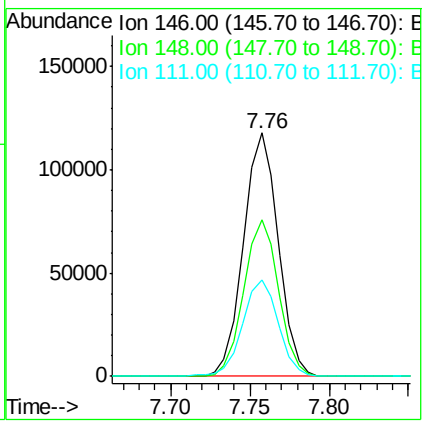


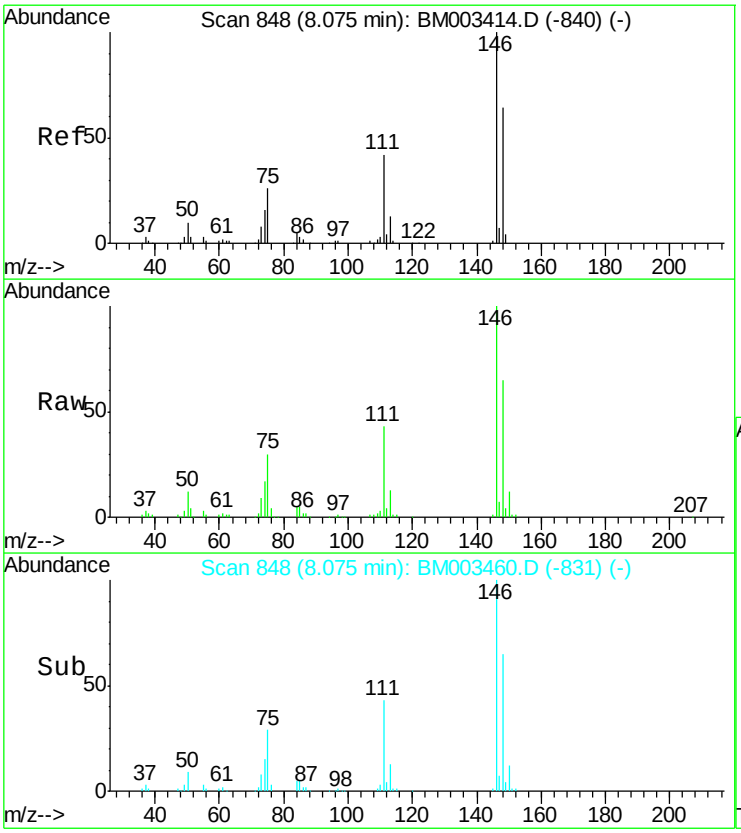

#13
1,4-Dichlorobenzene
Concen: 29.69 ng
RT: 7.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:146 Resp: 179822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.9 | 77.9 |
| 111 | 39.8 | 29.2 | 43.8 |

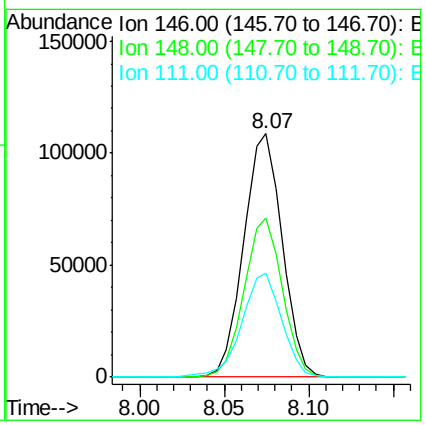


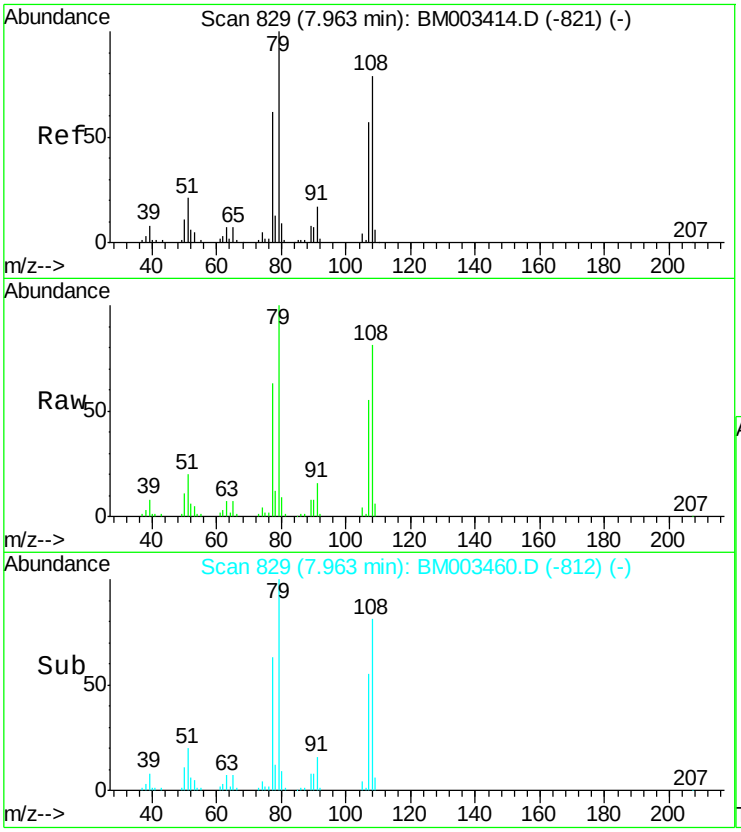




#14
1,2-Dichlorobenzene
Concen: 29.83 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:146 Resp: 172511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 52.3 | 78.5 |
| 111 | 42.8 | 30.6 | 45.8 |



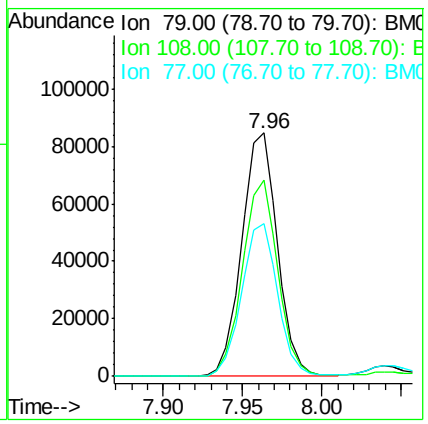


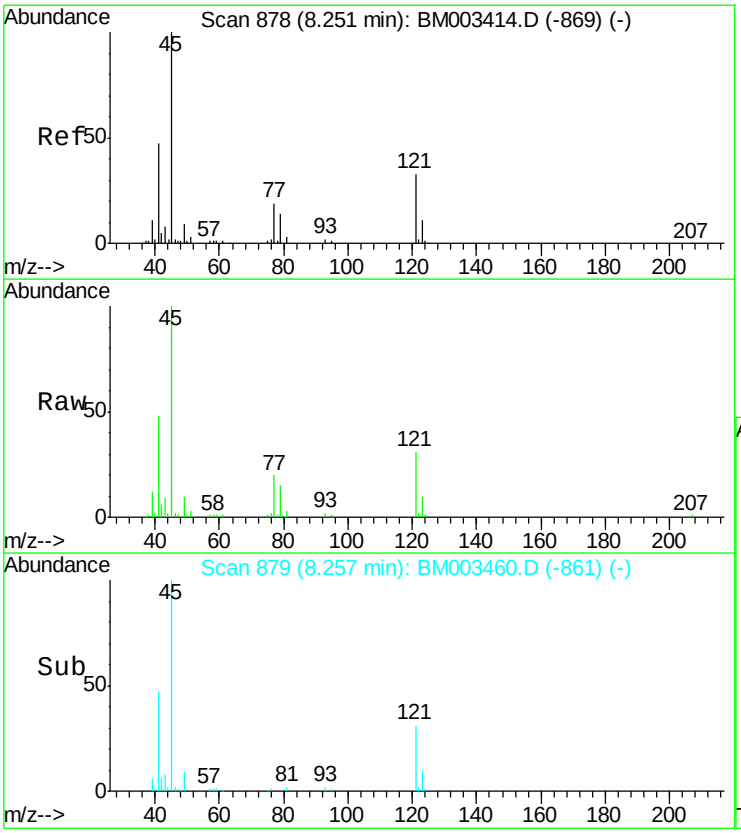

#15
Benzyl Alcohol
Concen: 32.66 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion: 79 Resp: 132527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 80.6 | 65.0 | 97.4 |
| 77 | 62.7 | 53.0 | 79.6 |

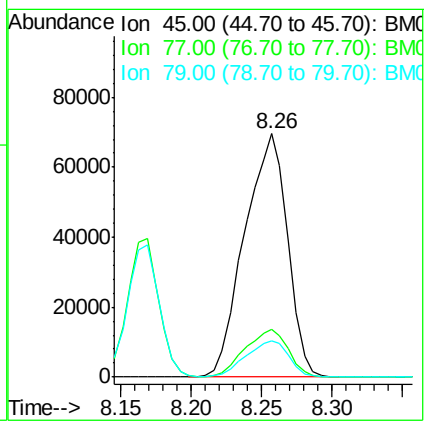


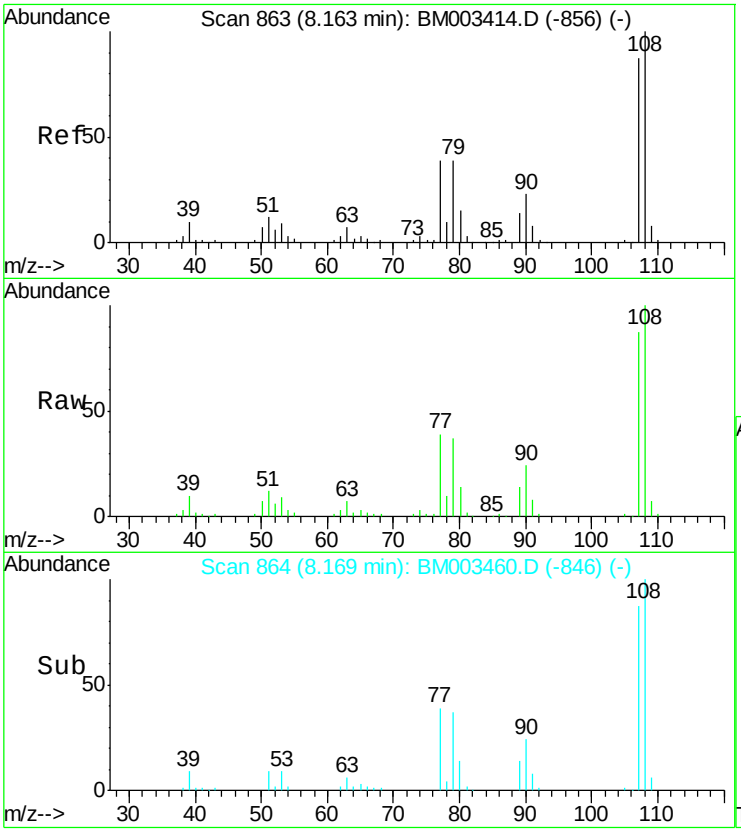




#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.50 ng
RT: 8.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 45 Resp: 147866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 19.5 | 0.0 | 35.2 |
| 79 | 14.7 | 0.0 | 32.0 |



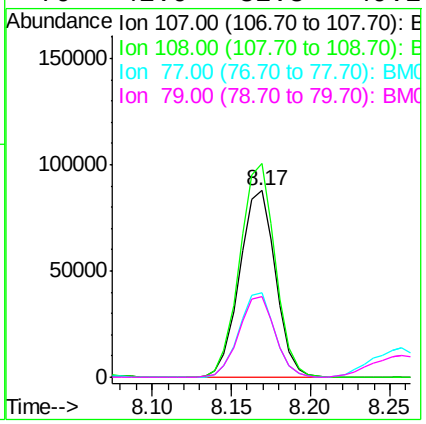


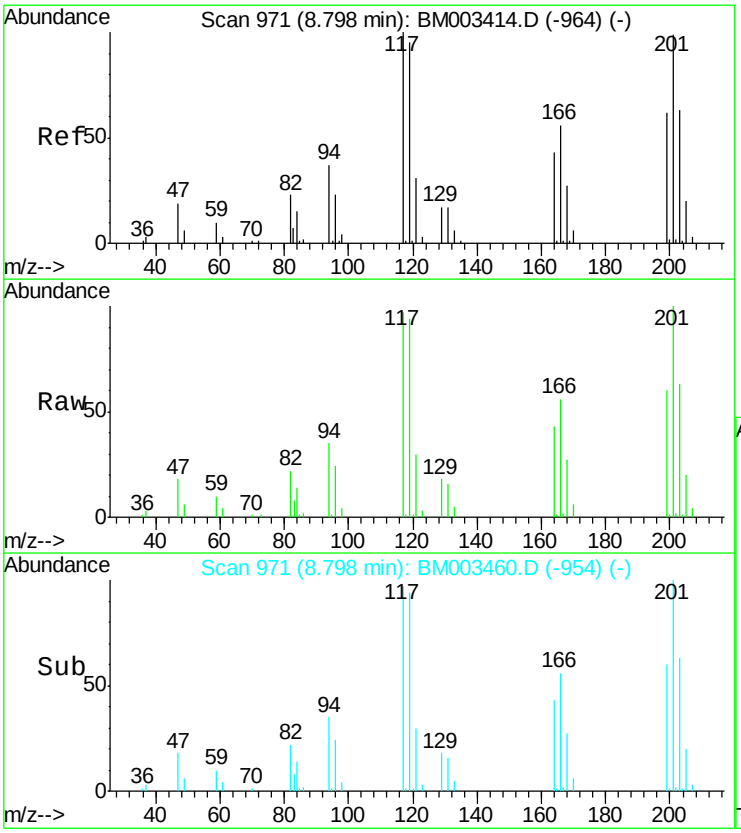

#17
2-Methylphenol
Concen: 31.80 ng
RT: 8.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:107 Resp: 138355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.5 | 89.8 | 134.8 |
| 77 | 45.1 | 32.6 | 48.8 |
| 79 | 42.9 | 32.8 | 49.2 |

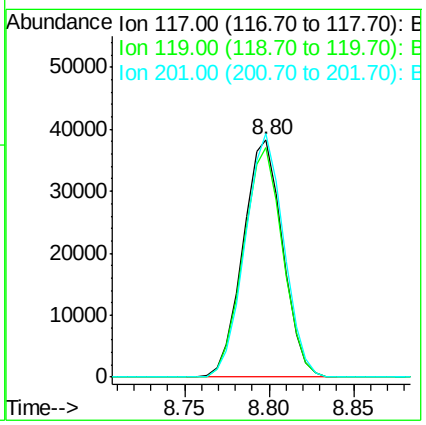


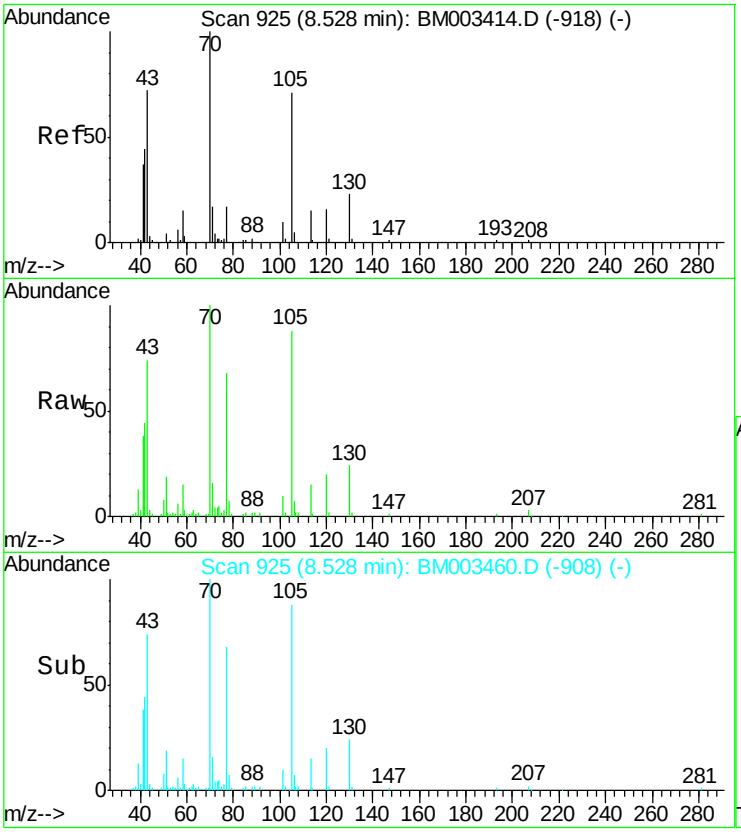




#18
Hexachloroethane
Concen: 30.01 ng
RT: 8.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:117 Resp: 62447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.7 | 79.2 | 118.8 |
| 201 | 102.6 | 69.8 | 104.6 |



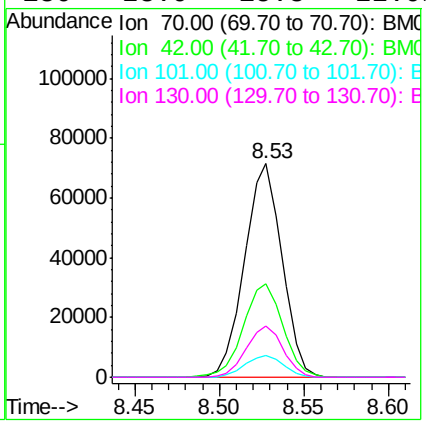


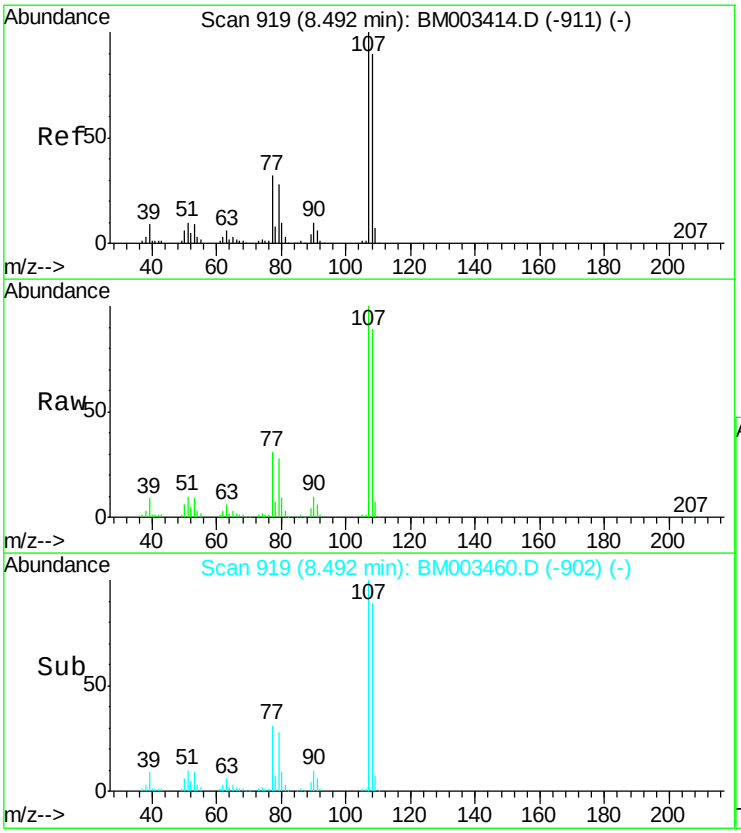

#19
n-Nitroso-di-n-propylamine
Concen: 28.70 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion: 70 Resp: 110406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 43.8 | 44.5 | 66.7# |
| 101 | 10.5 | 7.4 | 11.2 |
| 130 | 23.9 | 15.3 | 22.9# |

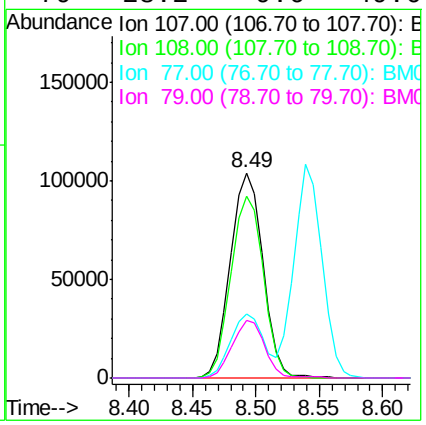


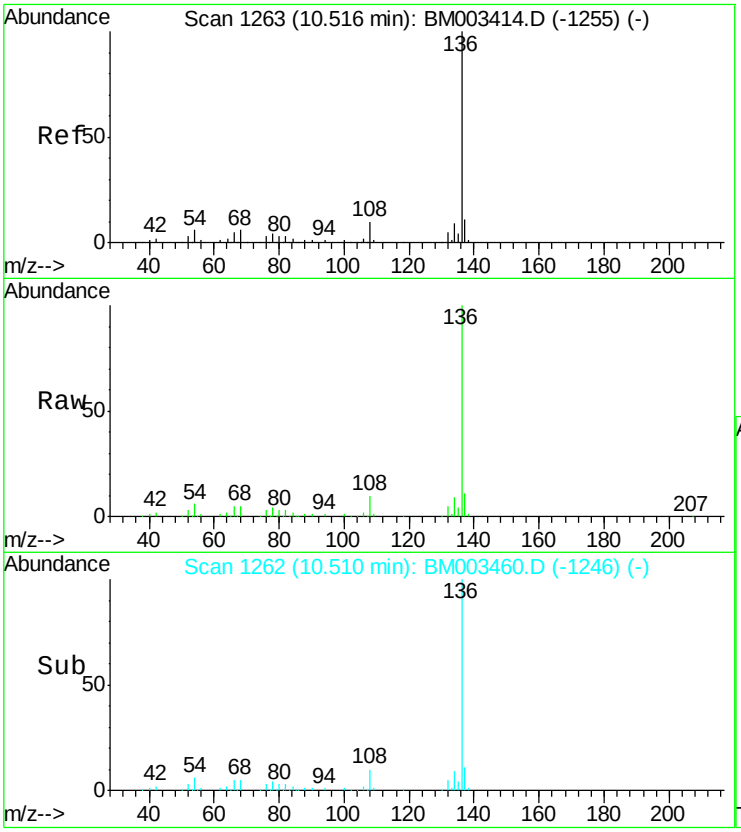




#20
3+4-Methylphenols
Concen: 30.84 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:107 Resp: 185633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.9 | 73.2 | 113.2 |
| 77 | 31.2 | 10.7 | 50.7 |
| 79 | 28.2 | 9.6 | 49.6 |



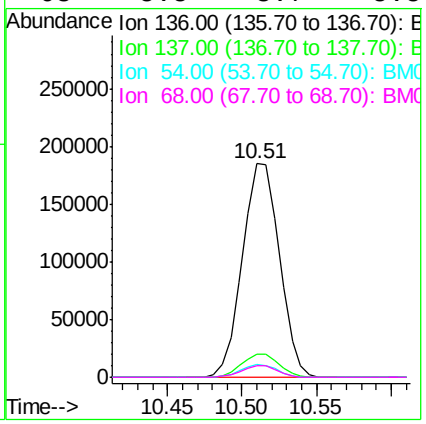


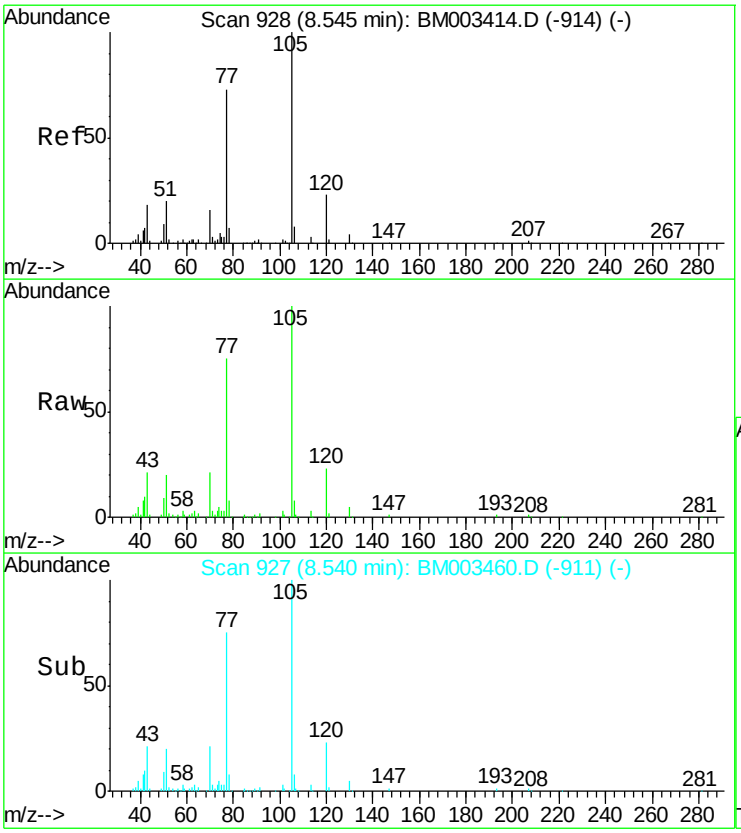

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:136 Resp: 317845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.7 | 13.1 |
| 54 | 6.1 | 4.6 | 6.8 |
| 68 | 5.5 | 3.7 | 5.5 |

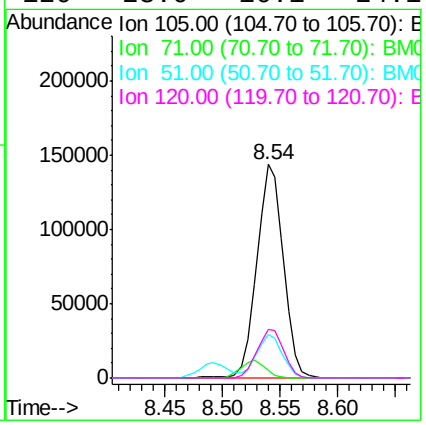


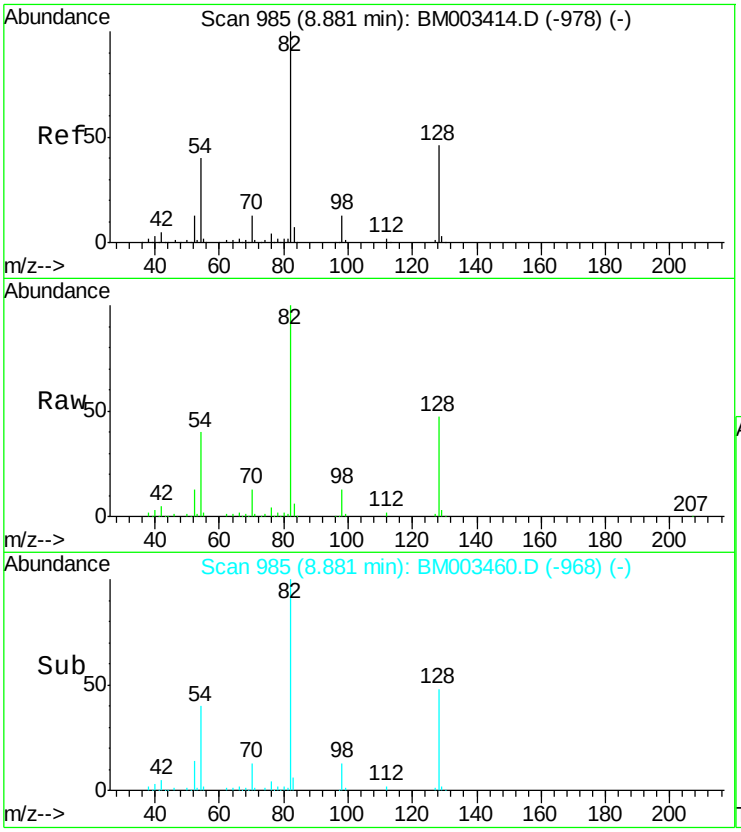




#22
Acetophenone
Concen: 29.67 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:105 Resp: 231160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.3 | 0.6 | 1.0# |
| 51 | 20.4 | 21.6 | 32.4# |
| 120 | 23.0 | 16.1 | 24.1 |



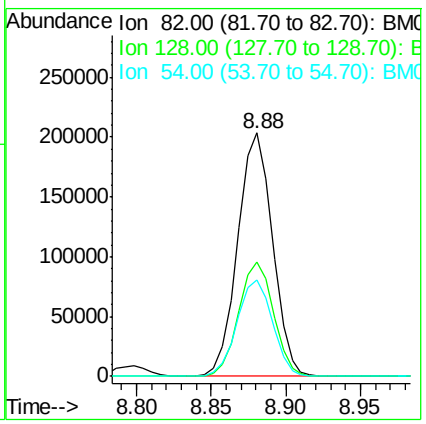


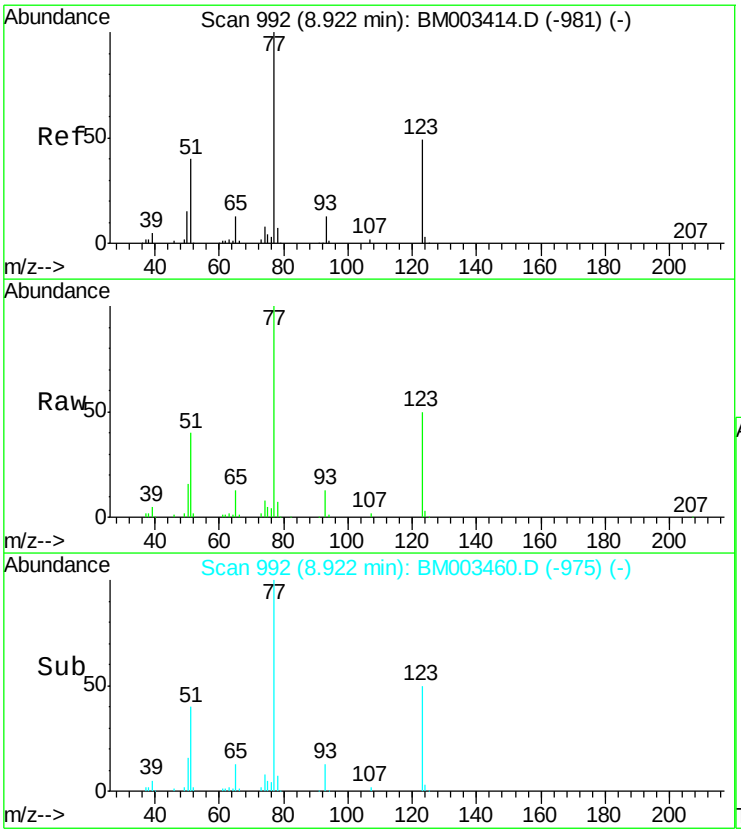

#23
Nitrobenzene-d5
Concen: 64.27 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion: 82 Resp: 329489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.0 | 32.8 | 49.2 |
| 54 | 39.6 | 40.6 | 60.8# |

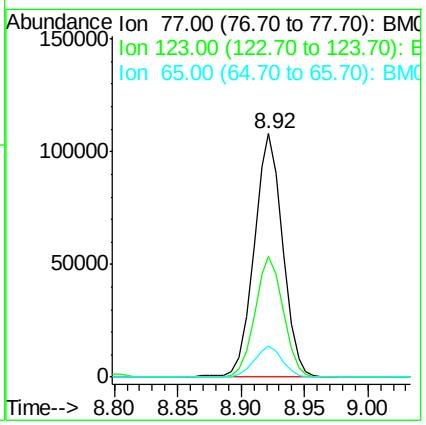


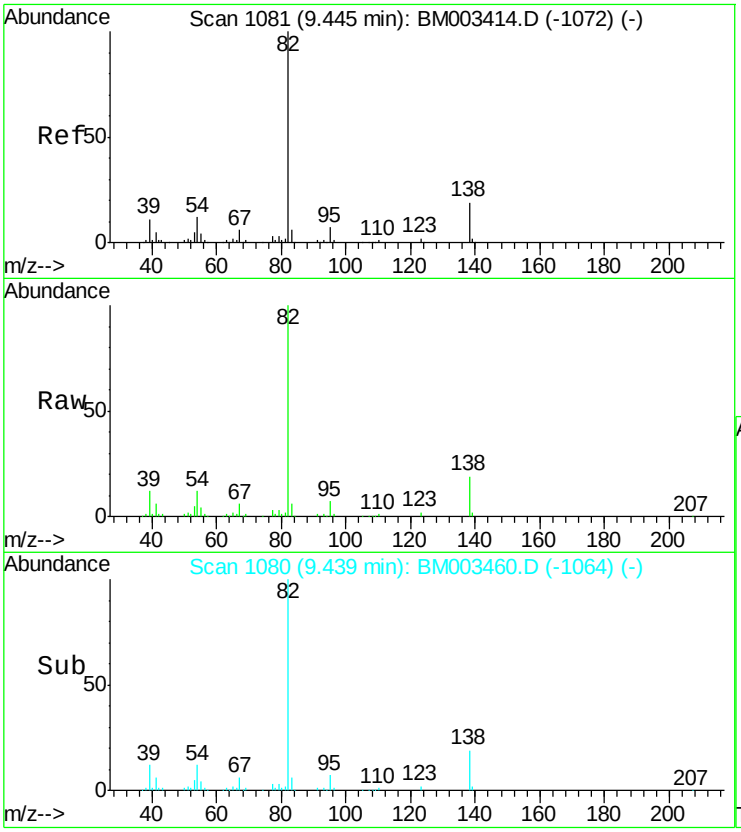




#24
Nitrobenzene
Concen: 30.57 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 77 Resp: 169410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.5 | 32.6 | 49.0# |
| 65 | 12.8 | 10.9 | 16.3 |



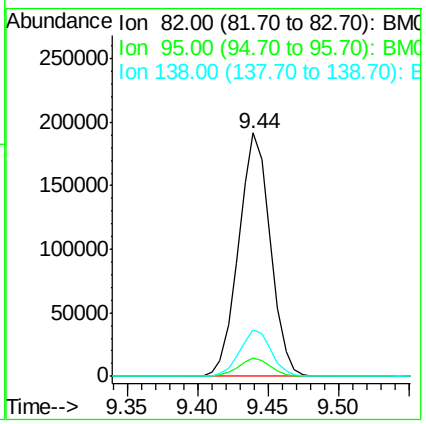


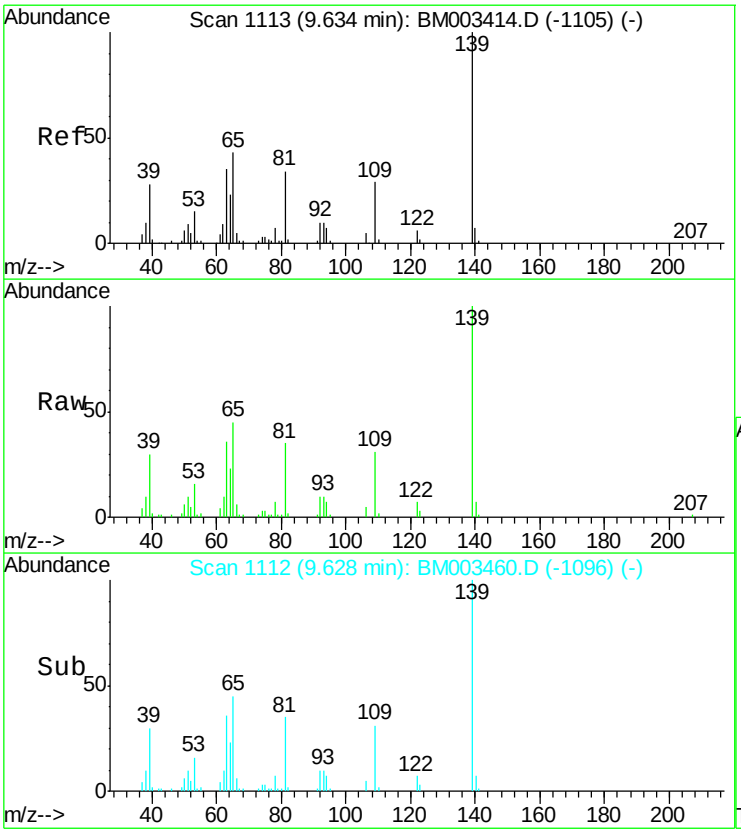

#25
Isophorone
Concen: 29.04 ng
RT: 9.44 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion: 82 Resp: 301118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.8 | 8.6 |
| 138 | 18.8 | 16.3 | 24.5 |

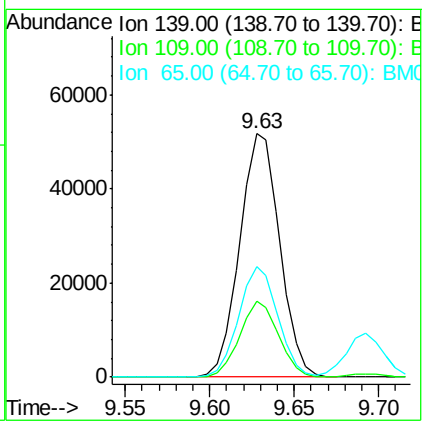


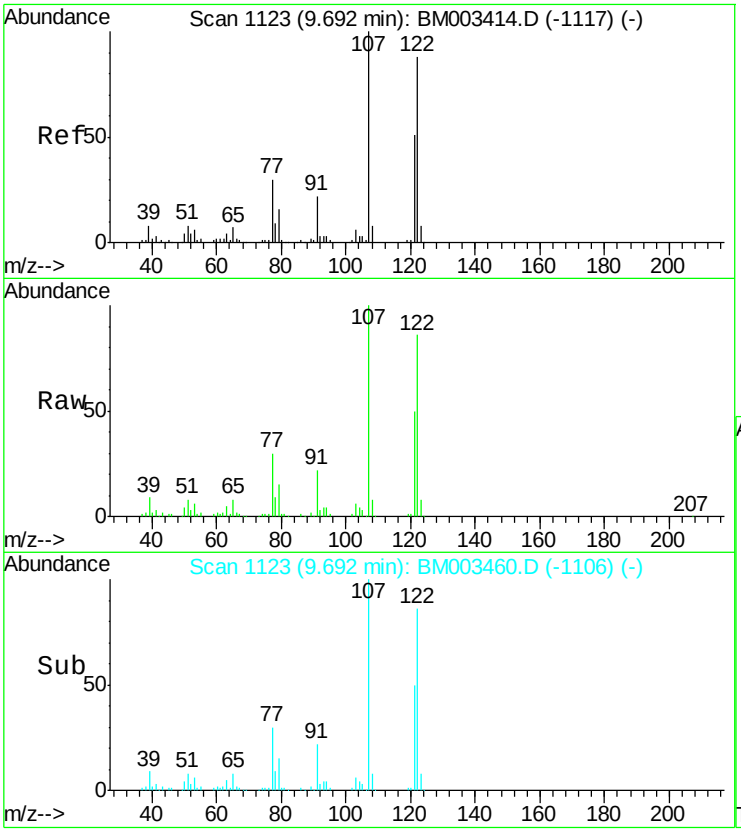




#26
2-Nitrophenol
Concen: 30.39 ng
RT: 9.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:139 Resp: 85202

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.1 | 20.1 | 30.1# |
| 65 | 45.2 | 31.5 | 47.3 |



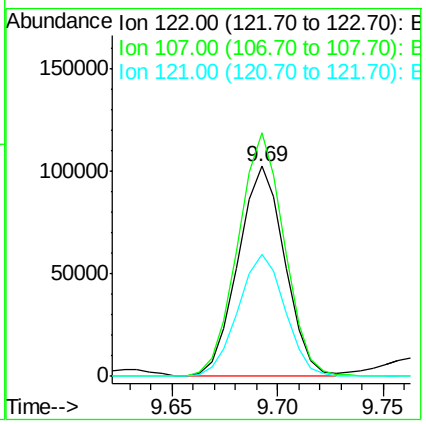


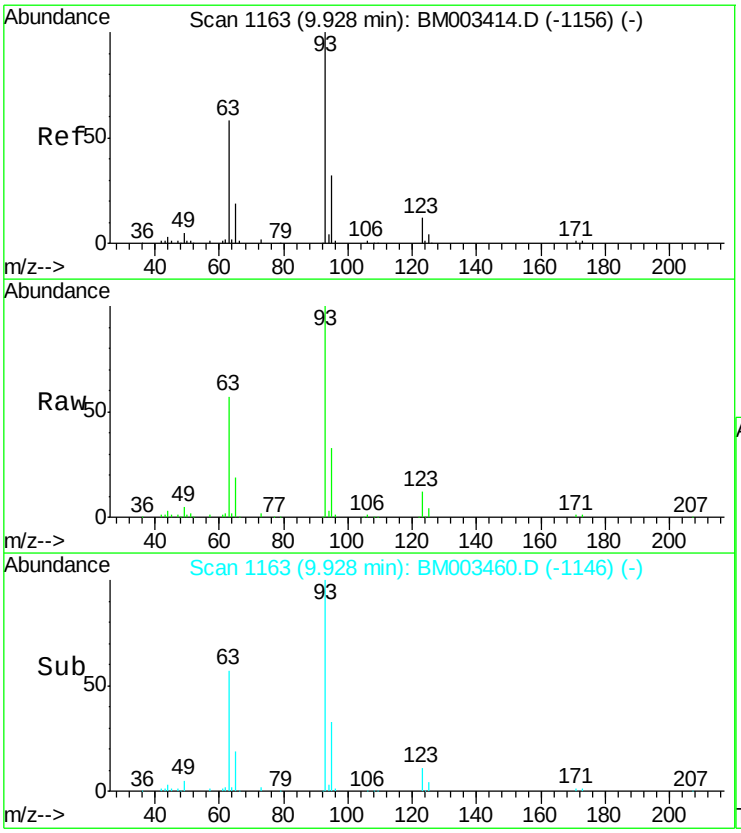

#27
2,4-Dimethylphenol
Concen: 32.01 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:122 Resp: 156248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.8 | 84.7 | 127.1 |
| 121 | 58.2 | 46.6 | 69.8 |

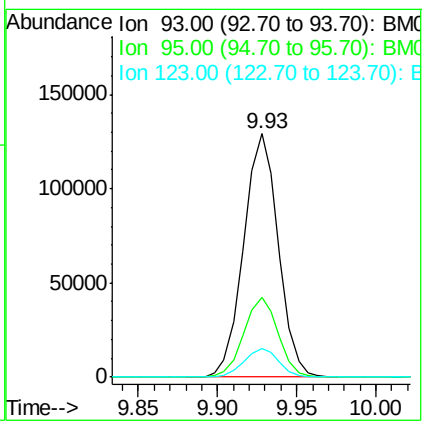


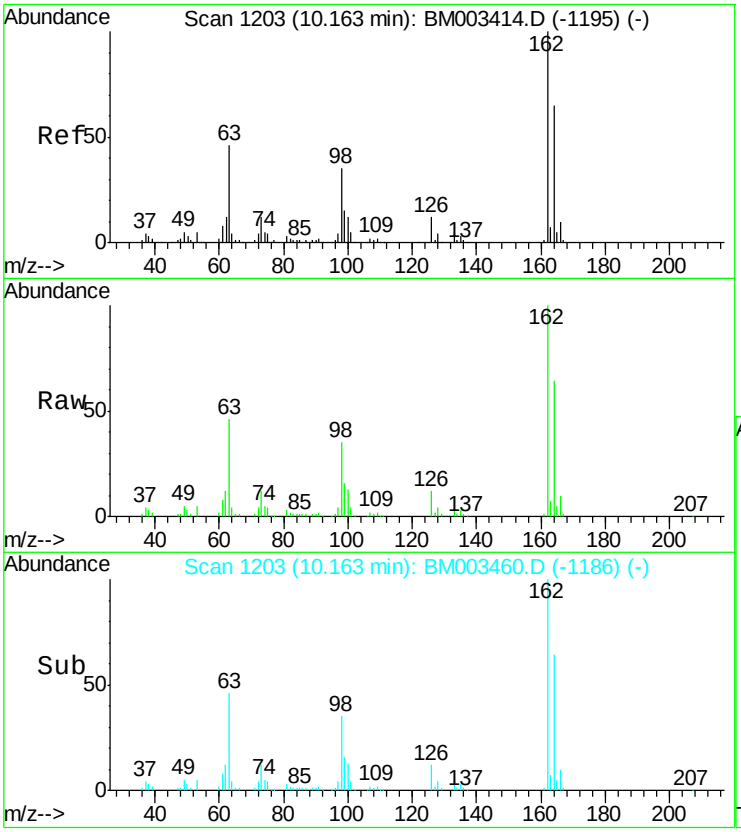




#28
bis(2-Chloroethoxy)methane
Concen: 31.37 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 93 Resp: 195450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 25.5 | 38.3 |
| 123 | 11.7 | 8.6 | 13.0 |



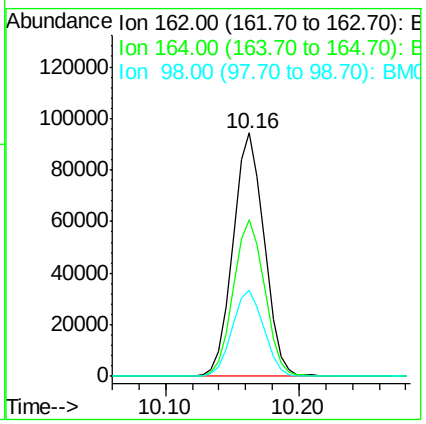


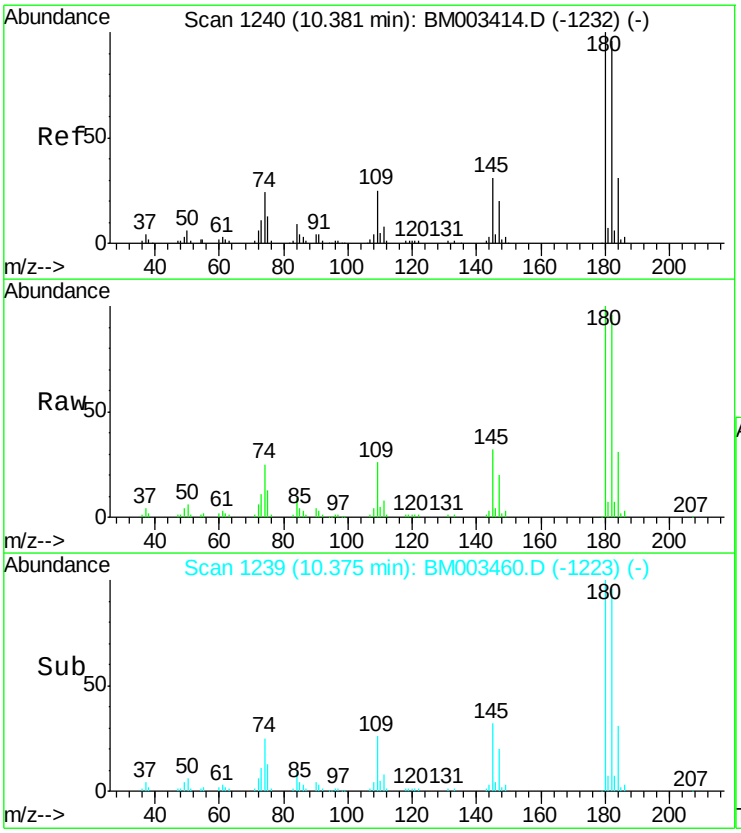

#29
2,4-Dichlorophenol
Concen: 32.90 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:162 Resp: 152990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.5 | 42.8 | 82.8 |
| 98 | 35.4 | 14.5 | 54.5 |

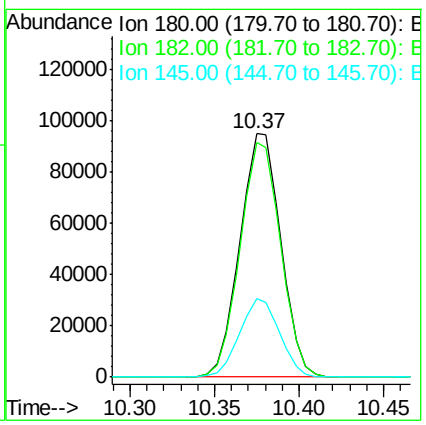


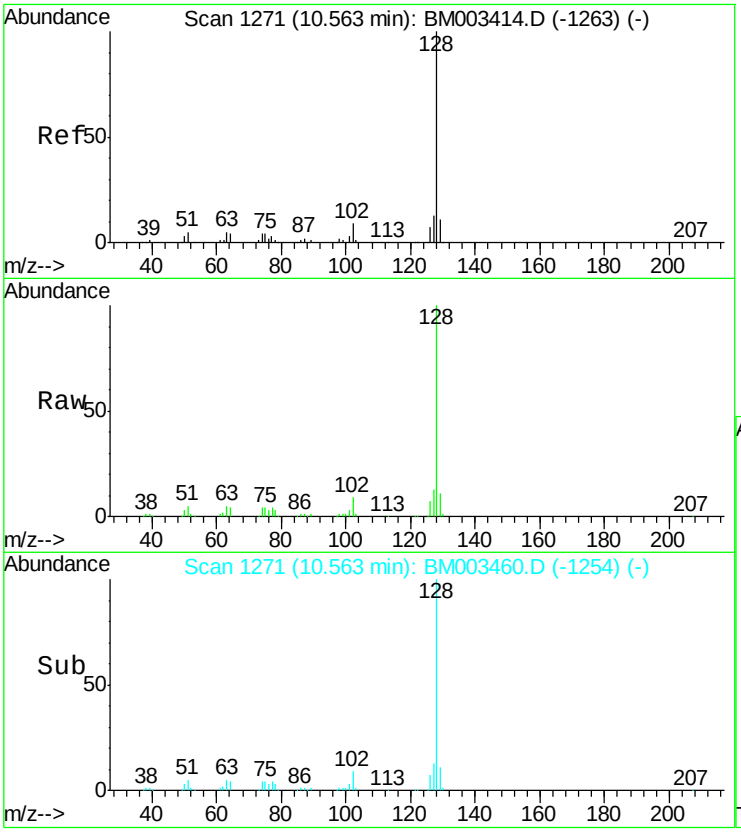




#30
1,2,4-Trichlorobenzene
Concen: 30.79 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:180 Resp: 159858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 77.6 | 116.4 |
| 145 | 32.0 | 23.4 | 35.2 |



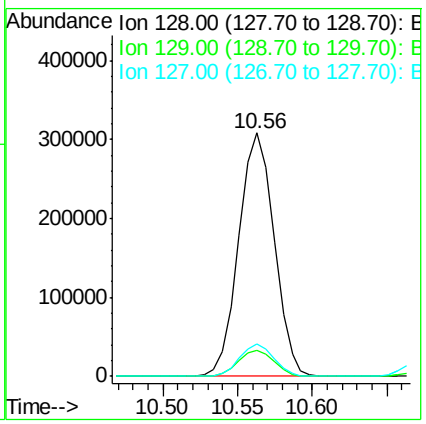


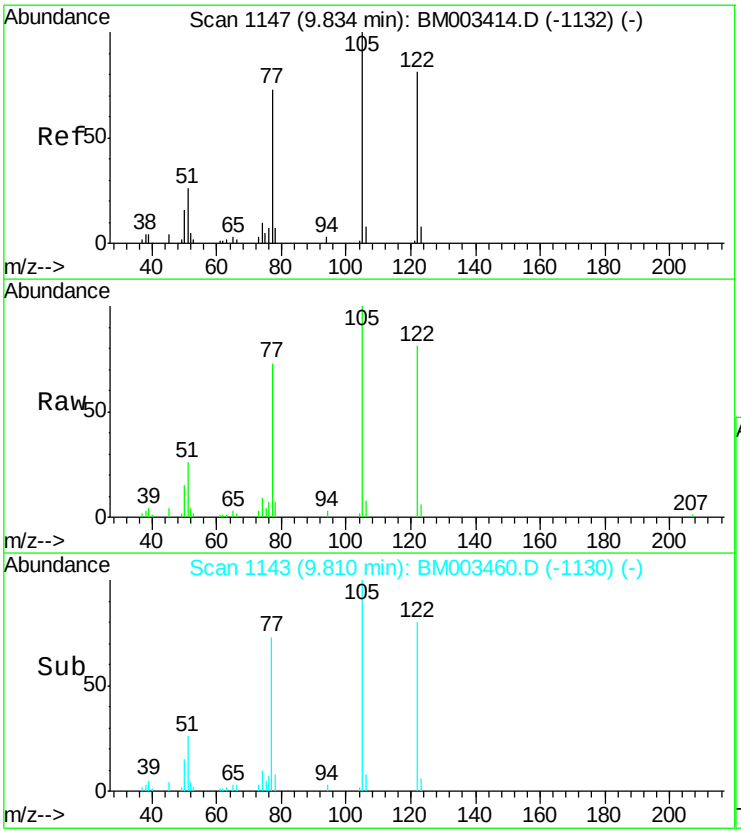

#31
Naphthalene
Concen: 30.51 ng
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:128 Resp: 507469

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

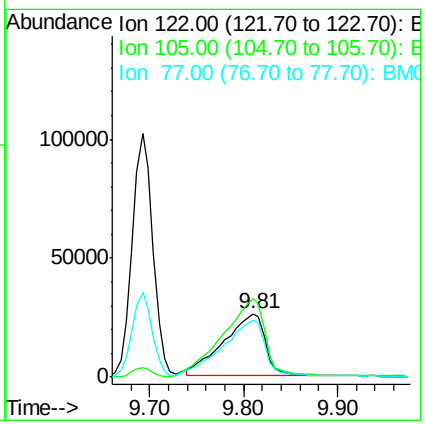


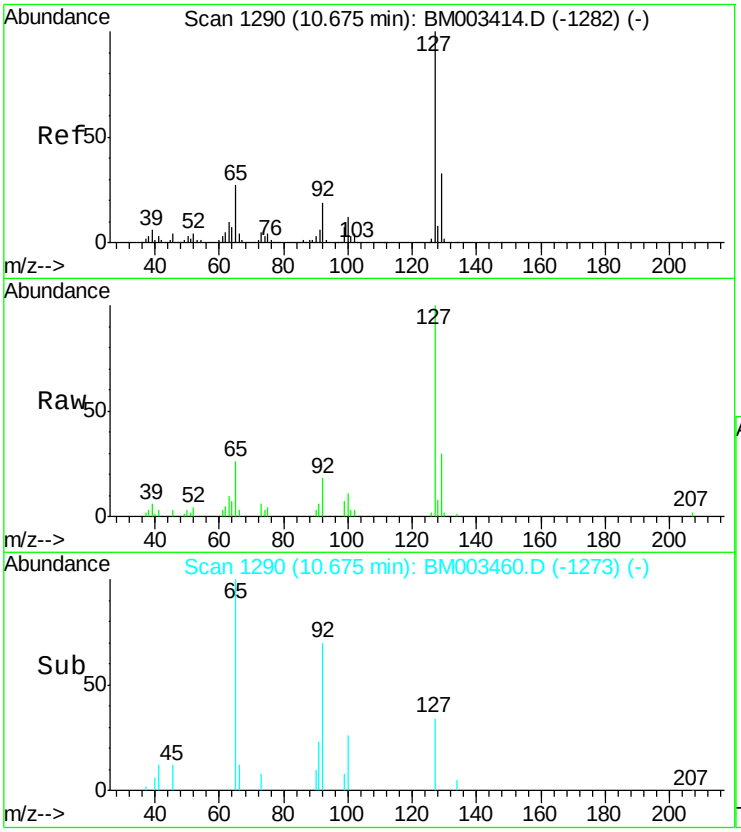




#32
Benzoic acid
Concen: 30.42 ng
RT: 9.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:122 Resp: 80566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.8 | 99.9 | 139.9 |
| 77 | 89.4 | 73.7 | 113.7 |



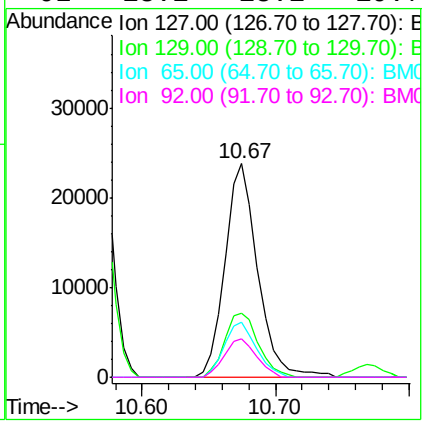


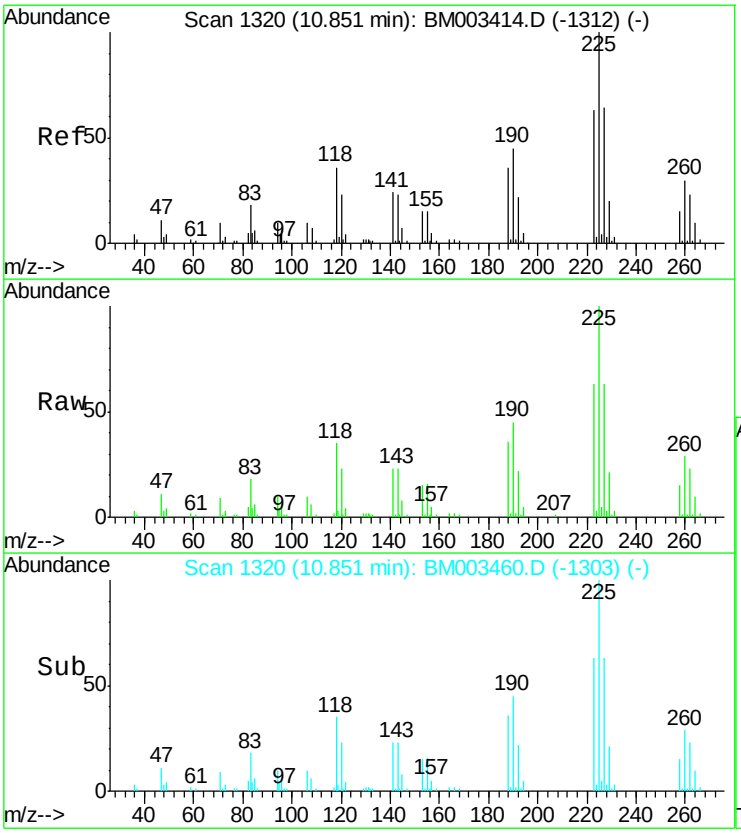

#33
4-Chloroaniline
Concen: 5.96 ng
RT: 10.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:127 Resp: 40917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 30.1 | 25.3 | 37.9 |
| 65 | 26.0 | 17.6 | 26.4 |
| 92 | 18.1 | 13.1 | 19.7 |

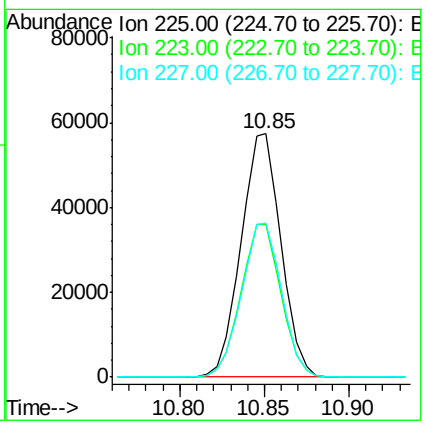


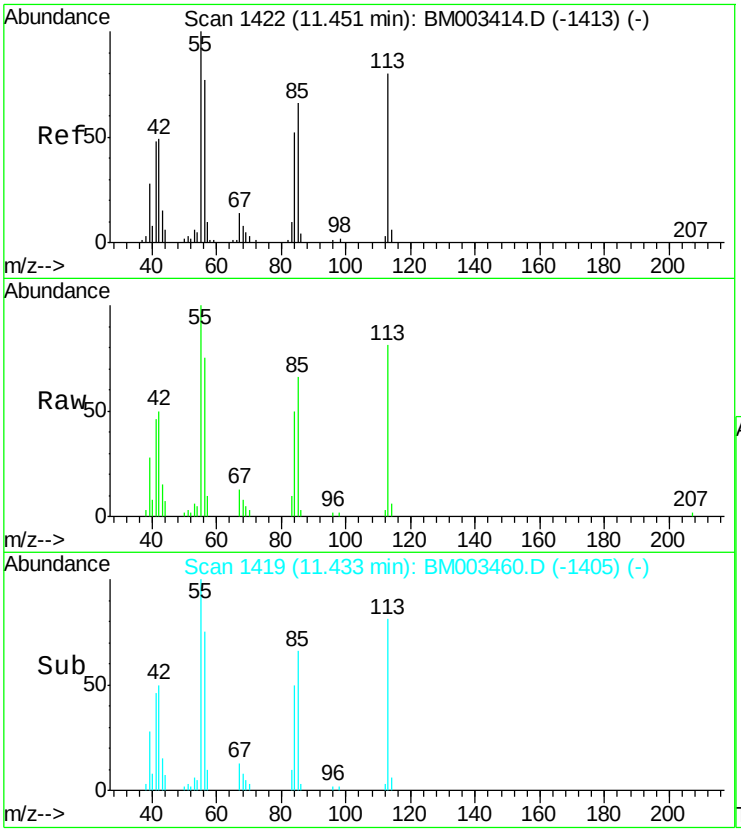




#34
Hexachlorobutadiene
Concen: 30.53 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:225 Resp: 93980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 47.9 | 71.9 |
| 227 | 63.1 | 50.1 | 75.1 |



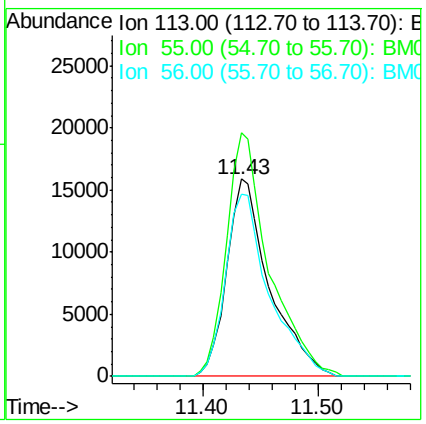


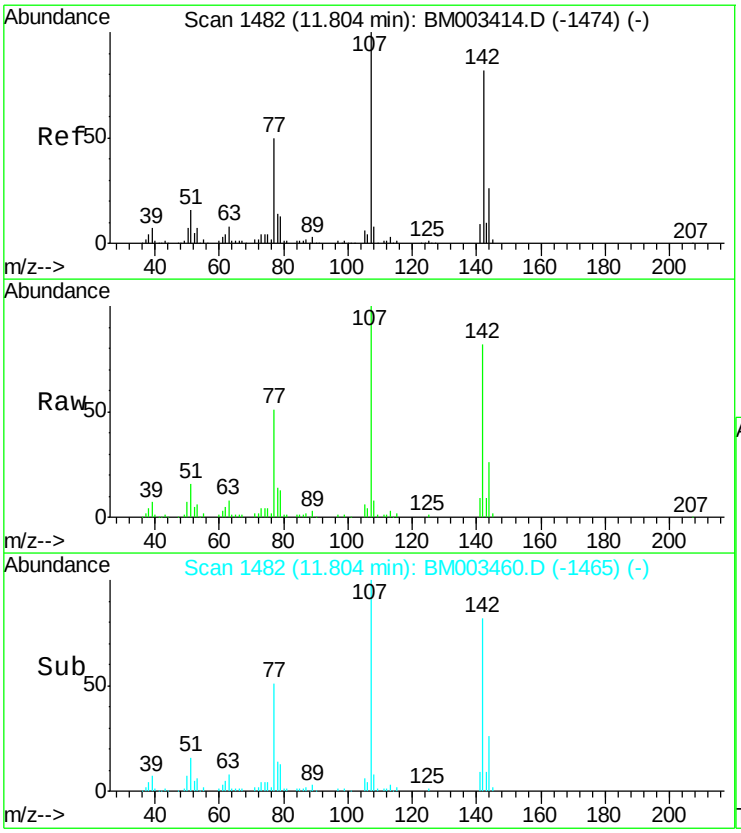

#35
Caprolactam
Concen: 26.58 ng
RT: 11.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:113 Resp: 40856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 123.6 | 145.9 | 185.9# |
| 56 | 92.7 | 101.0 | 141.0# |

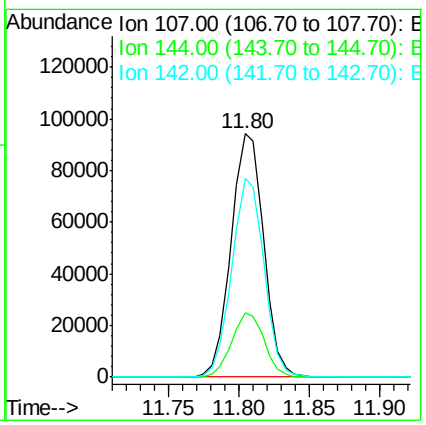


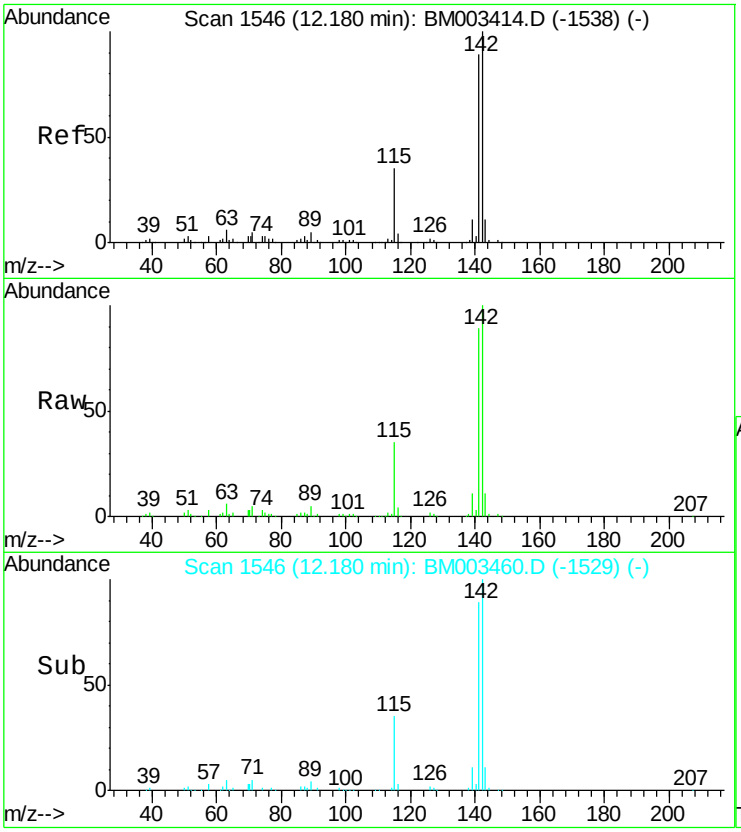




#36
4-Chloro-3-methylphenol
Concen: 28.99 ng
RT: 11.80 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:107 Resp: 151981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.5 | 23.3 | 34.9 |
| 142 | 81.7 | 72.6 | 109.0 |



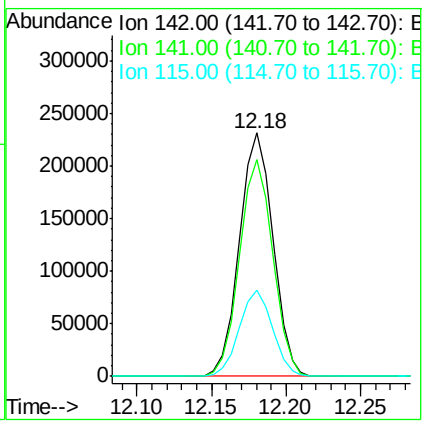


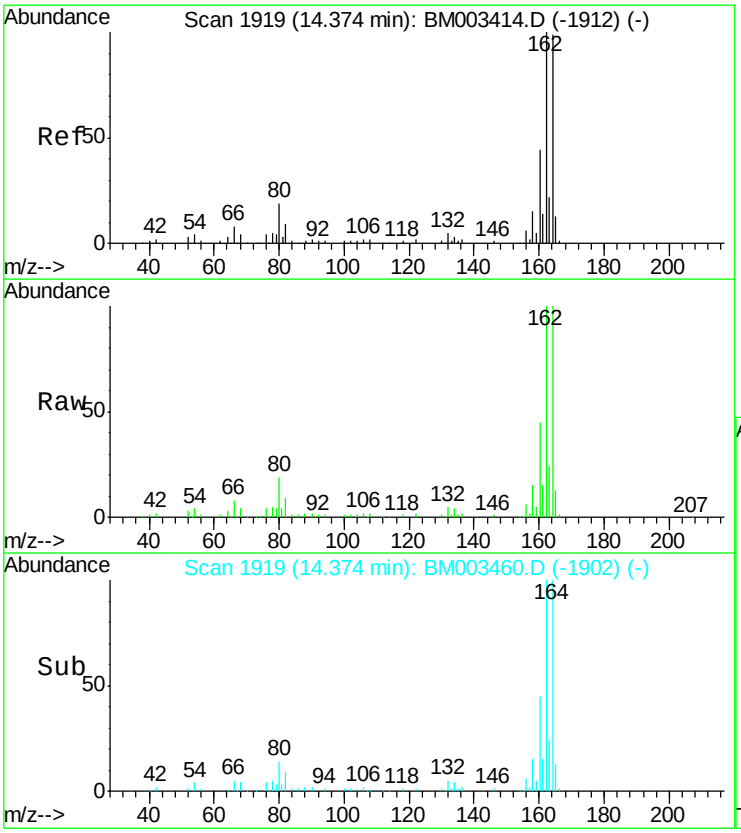

#37
2-Methylnaphthalene
Concen: 31.60 ng
RT: 12.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:142 Resp: 360455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.8 | 71.9 | 107.9 |
| 115 | 35.4 | 25.4 | 38.0 |

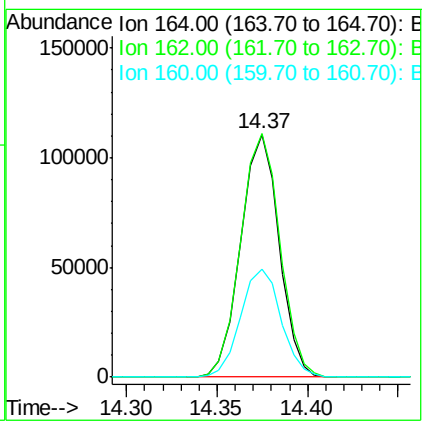


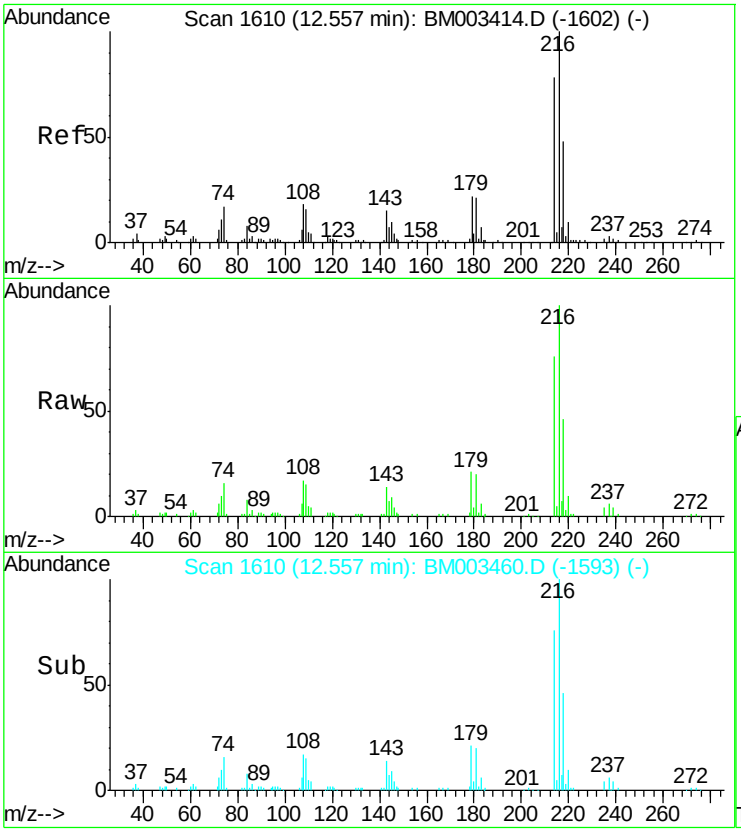




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:164 Resp: 163135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.5 | 82.4 | 123.6 |
| 160 | 44.8 | 35.8 | 53.6 |



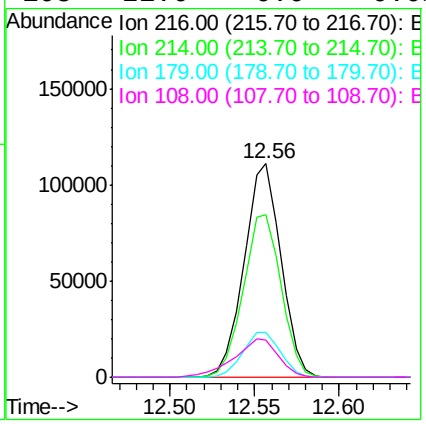


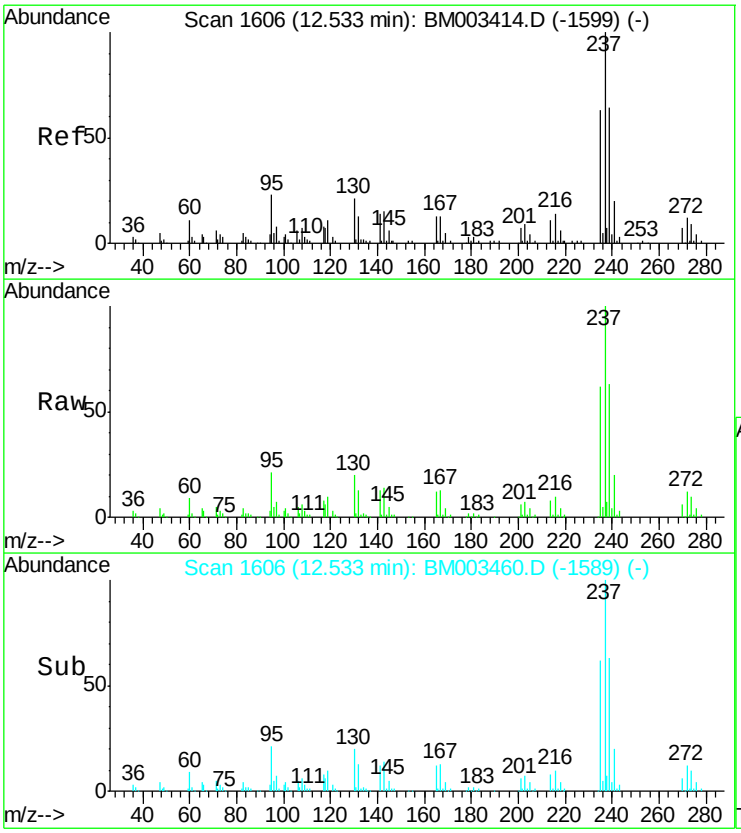

#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.11 ng
RT: 12.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:216 Resp: 168407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.3 | 0.0 | 0.0# |
| 179 | 21.7 | 0.0 | 0.0# |
| 108 | 21.6 | 0.0 | 0.0# |

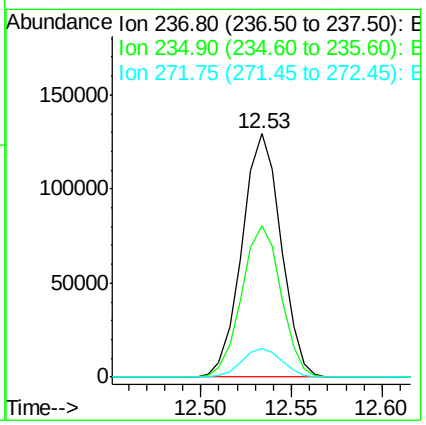


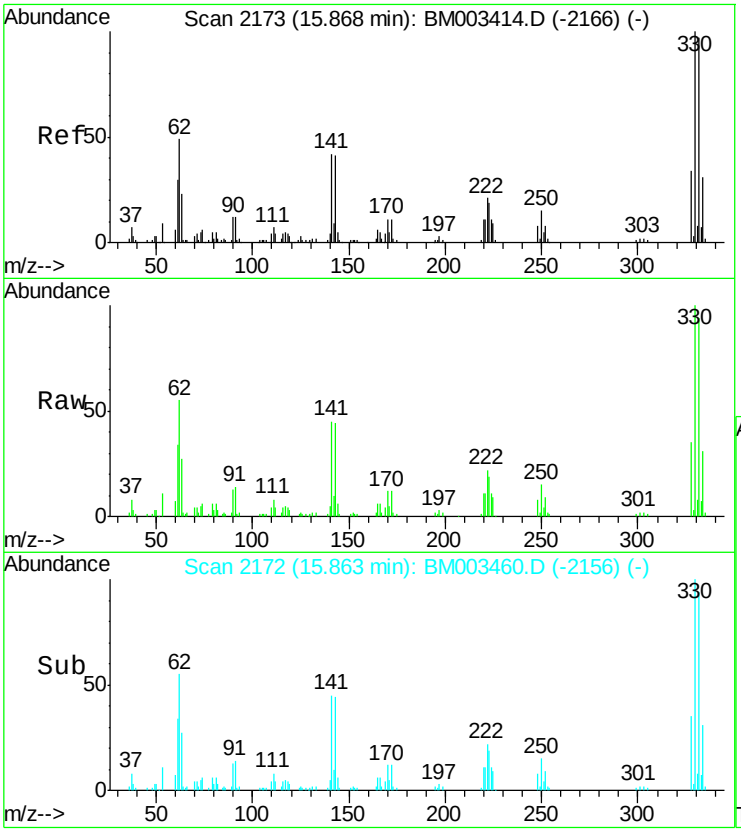




#40
Hexachlorocyclopentadiene
Concen: 66.20 ng
RT: 12.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:237 Resp: 193649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.4 | 42.0 | 82.0 |
| 272 | 11.9 | 0.0 | 33.4 |



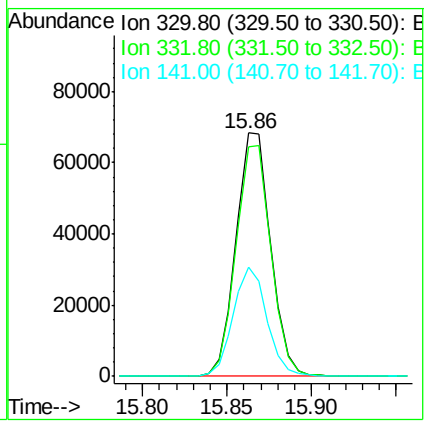


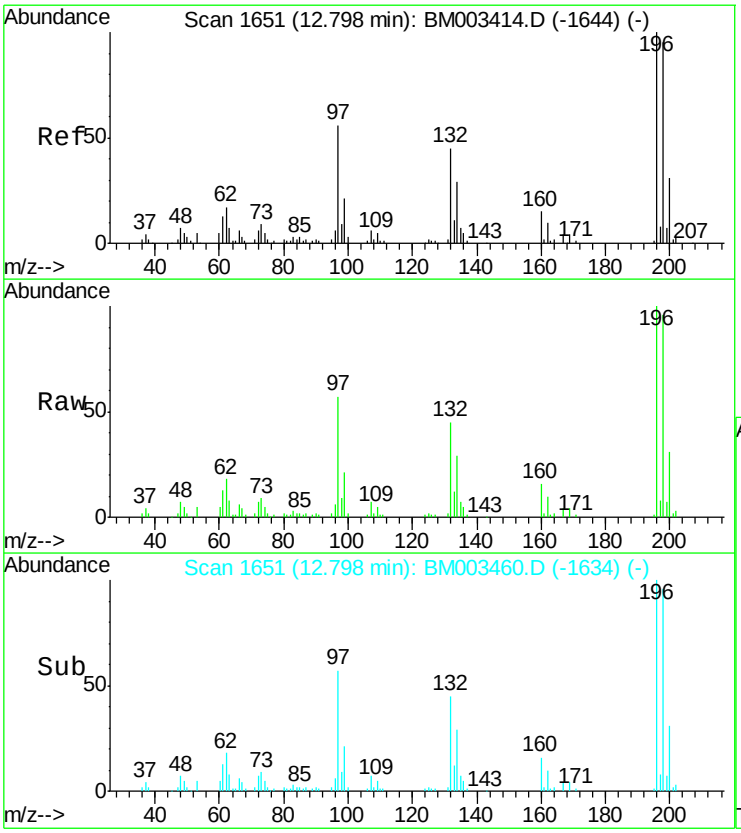

#41
2,4,6-Tribromophenol
Concen: 60.03 ng
RT: 15.86 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:330 Resp: 97797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 0.0 | 0.0# |
| 141 | 43.3 | 0.0 | 0.0# |

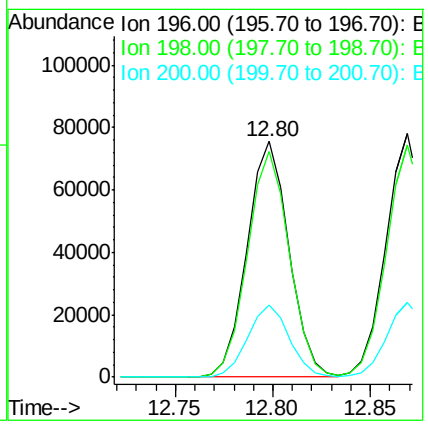


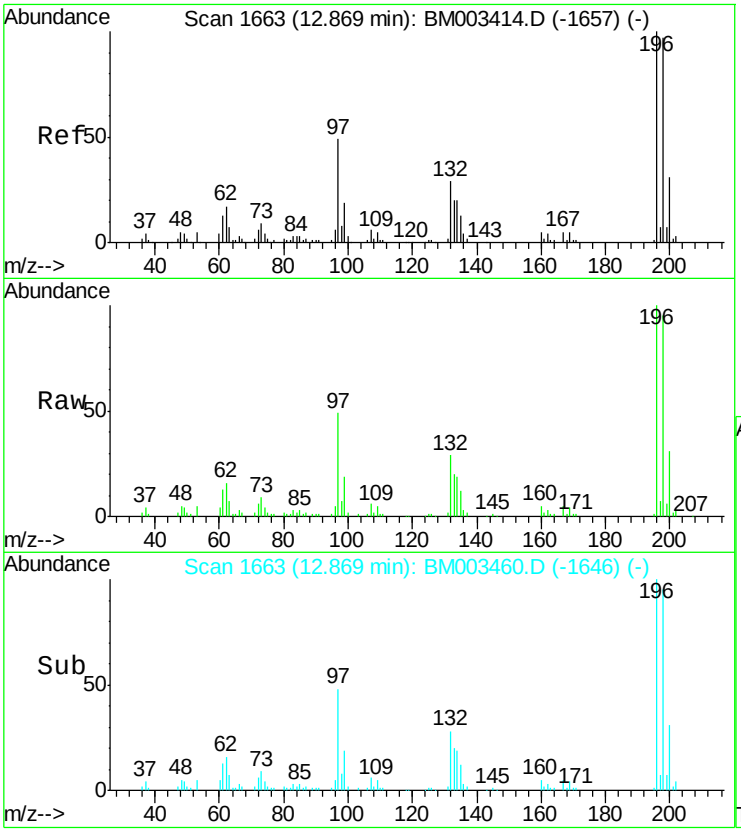




#42
2,4,6-Trichlorophenol
Concen: 32.77 ng
RT: 12.80 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:196 Resp: 112107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 76.3 | 114.5 |
| 200 | 30.7 | 25.6 | 38.4 |



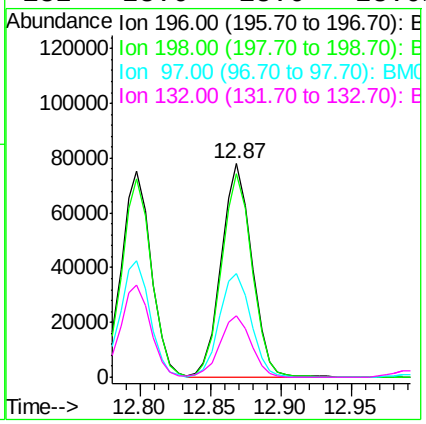


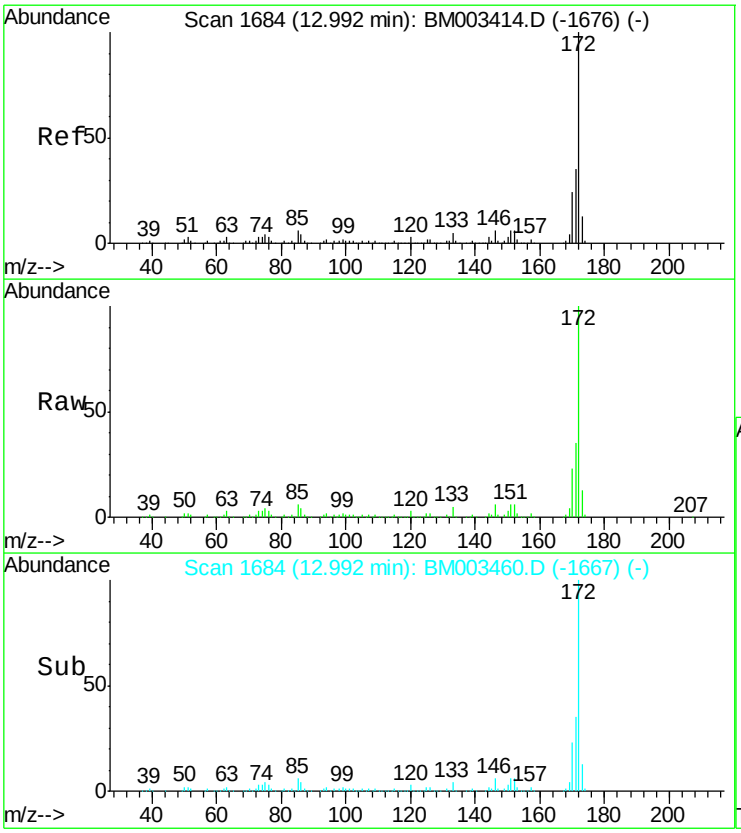

#43
2,4,5-Trichlorophenol
Concen: 32.83 ng
RT: 12.87 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:196 Resp: 118008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.1 | 79.4 | 119.0 |
| 97 | 48.8 | 26.8 | 40.2# |
| 132 | 28.6 | 18.6 | 28.0# |

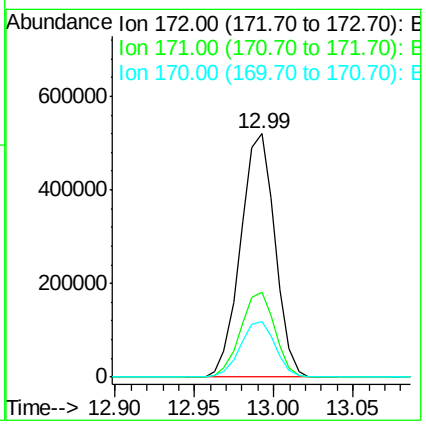


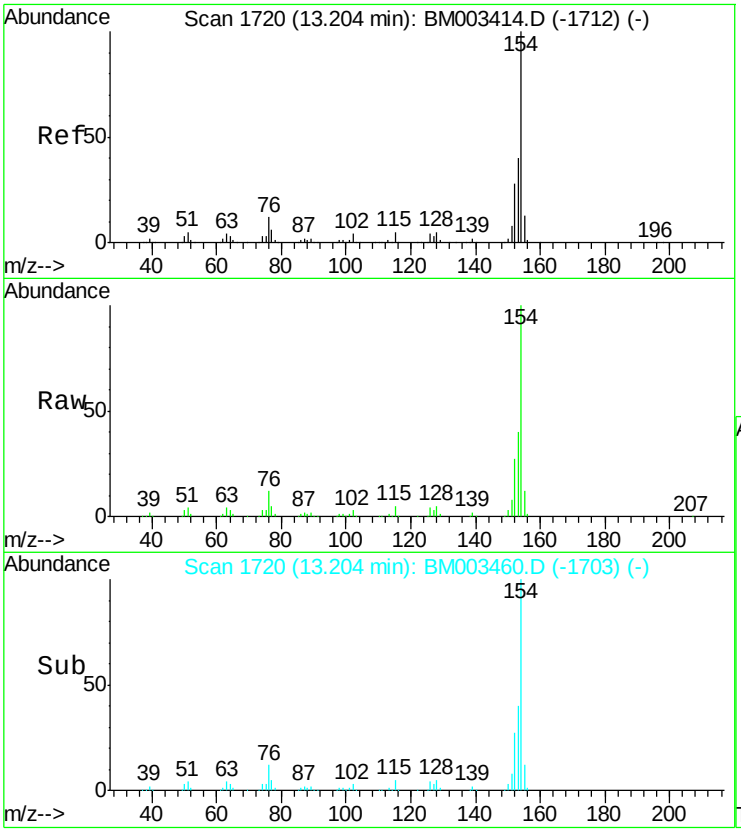




#44
2-Fluorobiphenyl
Concen: 65.44 ng
RT: 12.99 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:172 Resp: 783573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 28.5 | 42.7 |
| 170 | 23.0 | 18.8 | 28.2 |



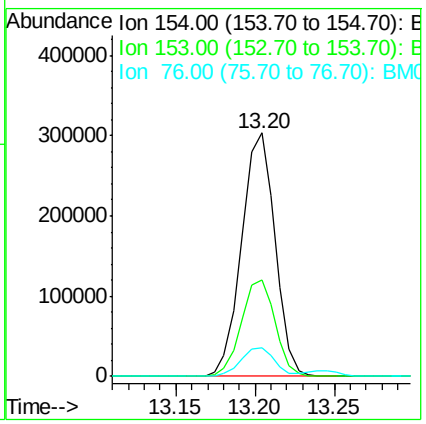


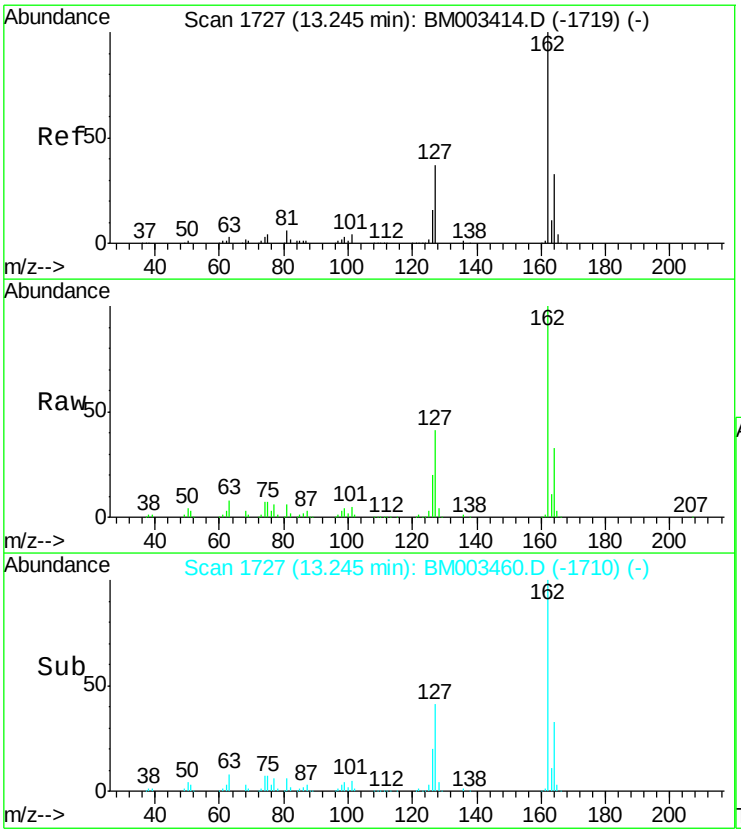

#45
1,1'-Biphenyl
Concen: 30.73 ng
RT: 13.20 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:154 Resp: 444572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.8 | 20.7 | 60.7 |
| 76 | 11.7 | 0.0 | 30.9 |

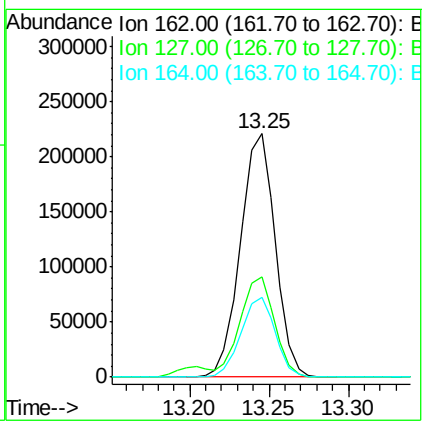


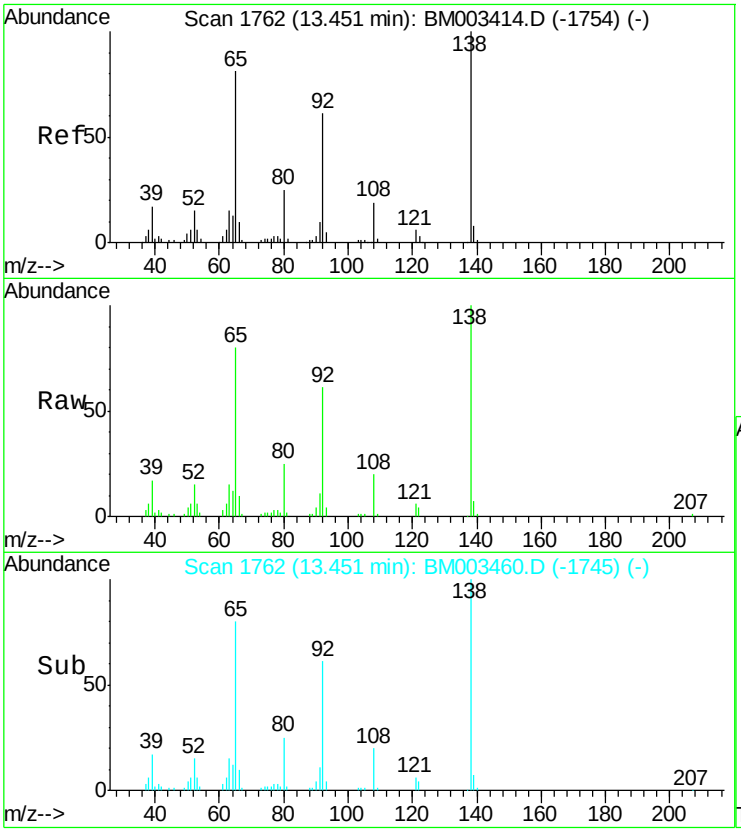




#46
2-Chloronaphthalene
Concen: 31.64 ng
RT: 13.25 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:162 Resp: 336160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.9 | 26.9 | 40.3# |
| 164 | 32.9 | 26.8 | 40.2 |



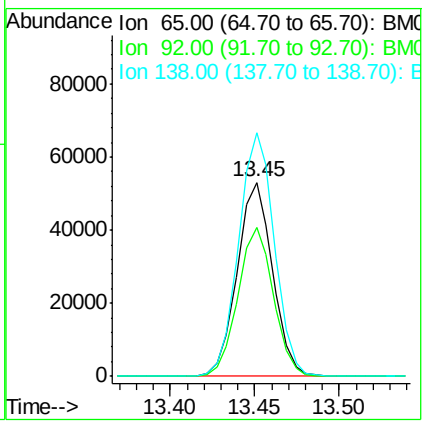


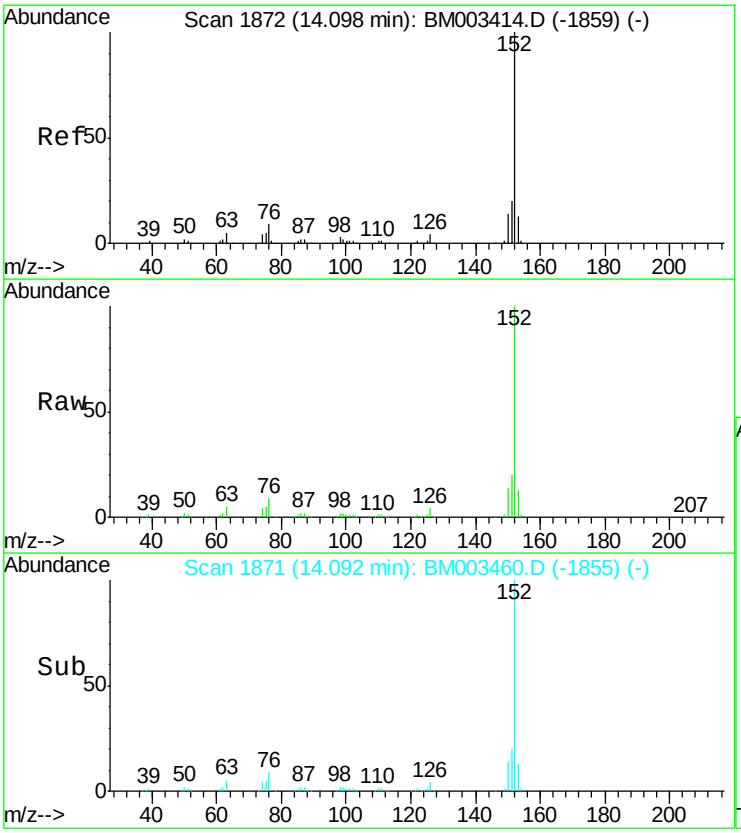

#47
2-Nitroaniline
Concen: 29.38 ng
RT: 13.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion: 65 Resp: 77434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 76.5 | 59.1 | 88.7 |
| 138 | 125.5 | 93.9 | 140.9 |

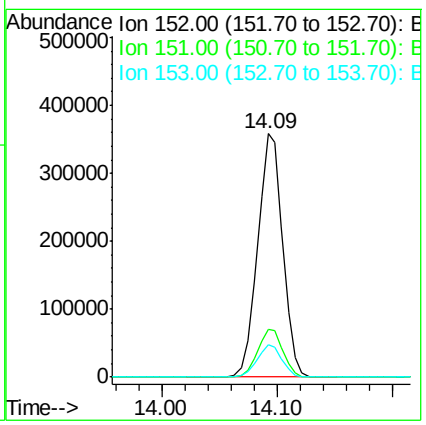


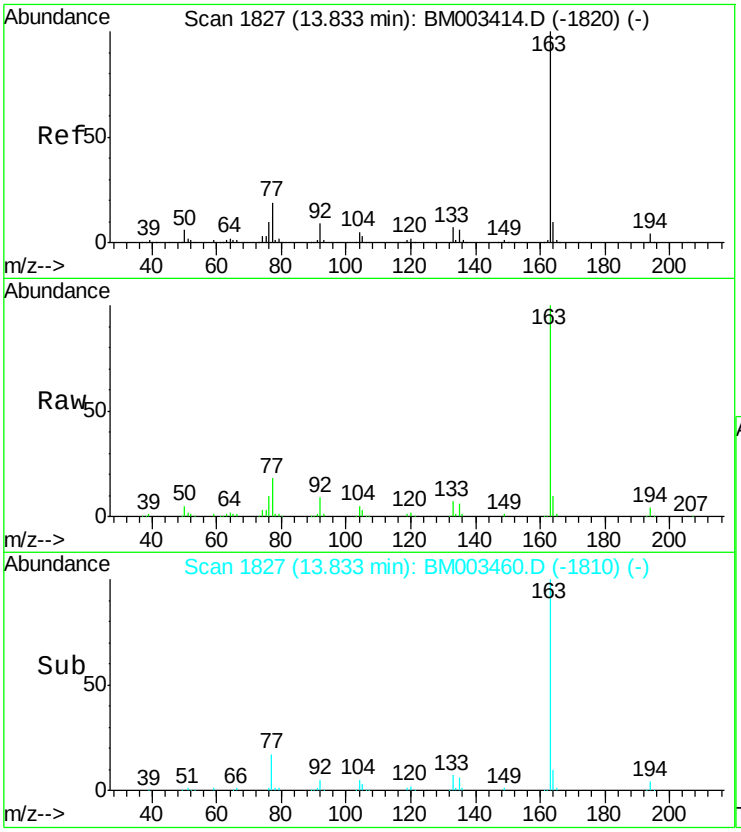




#48
Acenaphthylene
Concen: 30.70 ng
RT: 14.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:152 Resp: 543801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.9 | 23.9 |
| 153 | 13.2 | 10.6 | 16.0 |



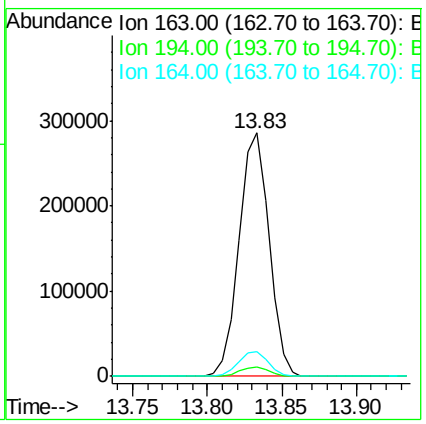


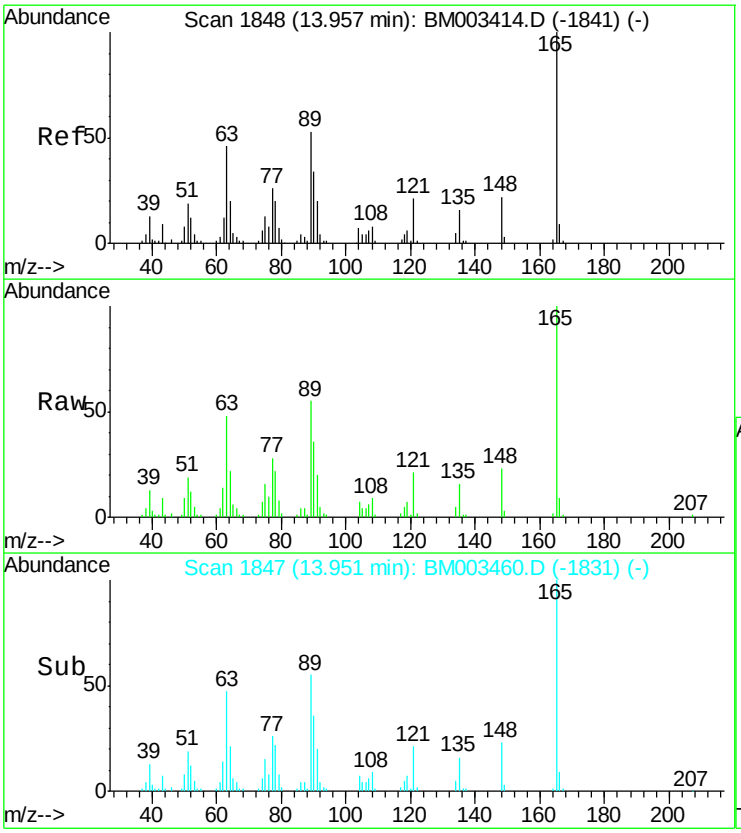

#49
Dimethylphthalate
Concen: 29.66 ng
RT: 13.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:163 Resp: 398701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 10.0 | 8.2 | 12.2 |

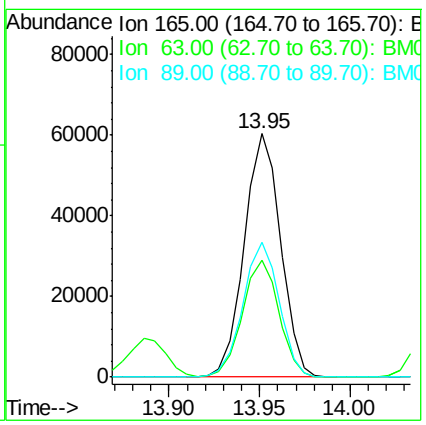


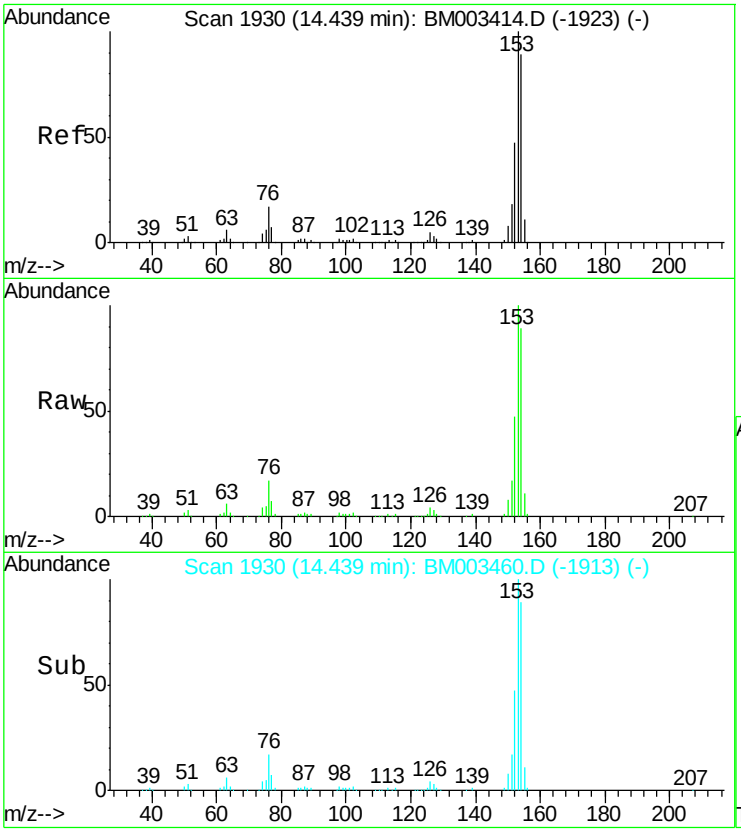




#50
2,6-Dinitrotoluene
Concen: 30.03 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:165 Resp: 84217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.9 | 44.1 | 66.1 |
| 89 | 55.4 | 44.3 | 66.5 |



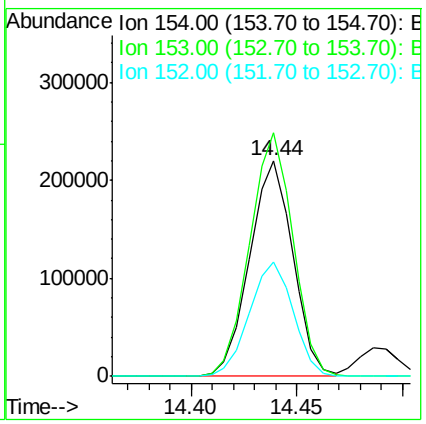


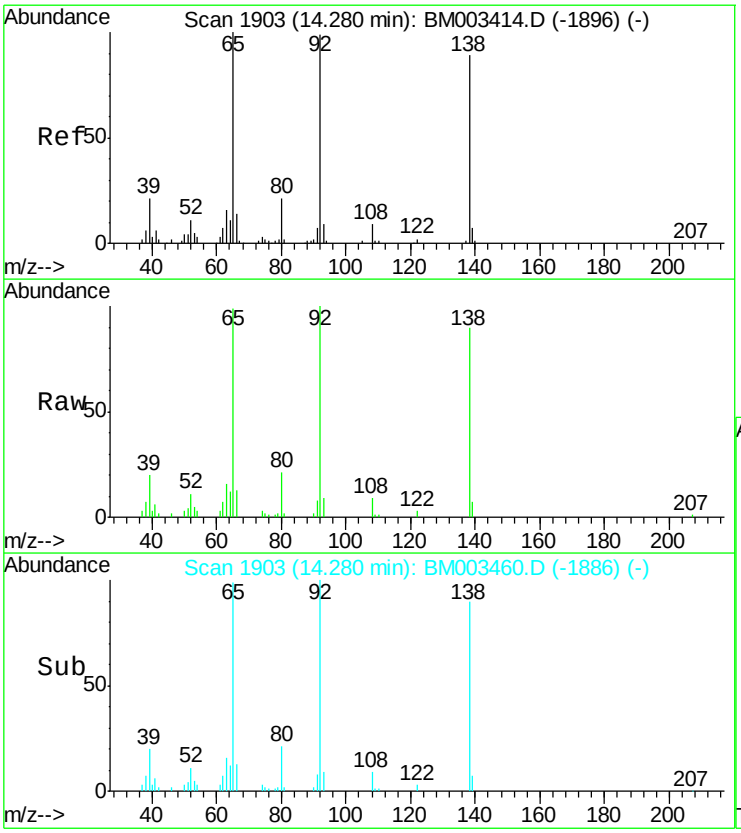

#51
Acenaphthene
Concen: 30.62 ng
RT: 14.44 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:154 Resp: 314368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 90.0 | 135.0 |
| 152 | 53.1 | 42.6 | 63.8 |

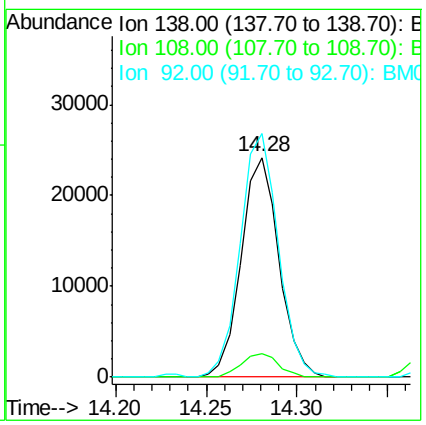


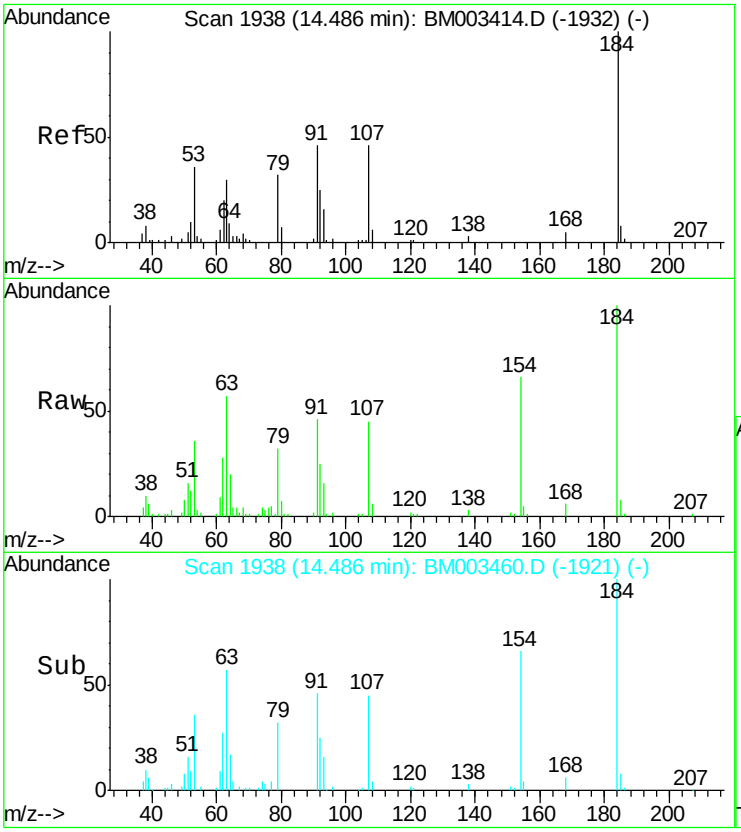




#52
3-Nitroaniline
Concen: 12.21 ng
RT: 14.28 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:138 Resp: 35055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.4 | 7.3 | 10.9 |
| 92 | 110.8 | 76.6 | 114.8 |



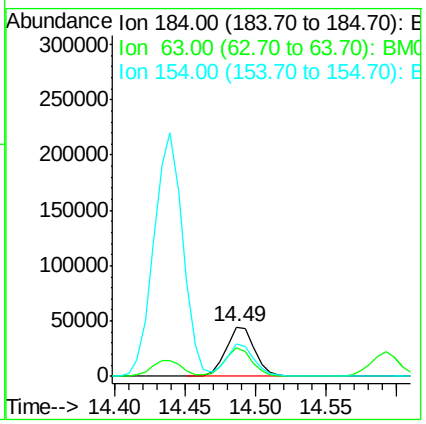


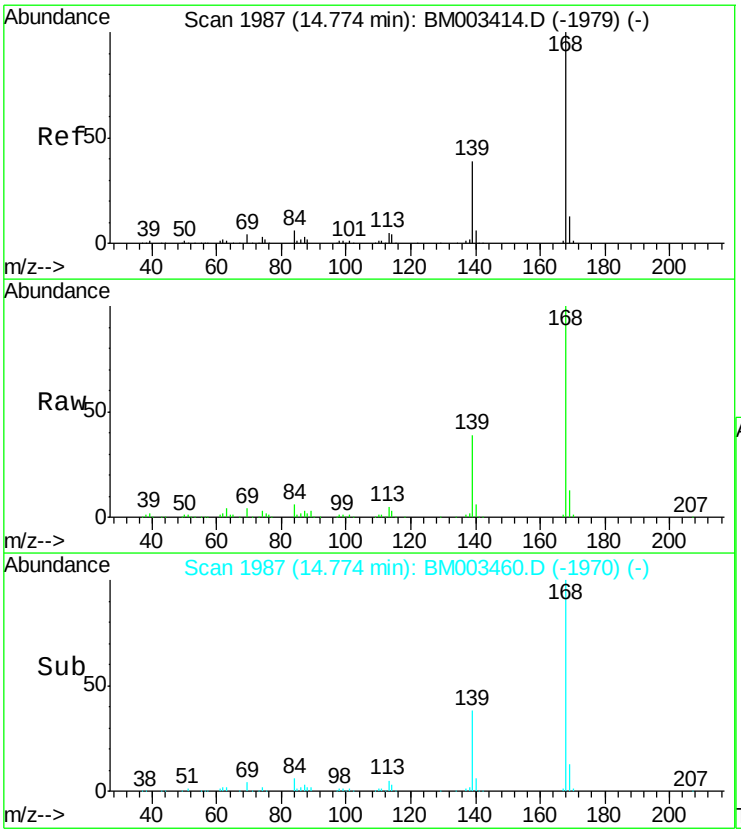

#53
2,4-Dinitrophenol
Concen: 43.67 ng
RT: 14.49 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:184 Resp: 63856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.4 | 69.2 | 103.8# |
| 154 | 65.6 | 53.3 | 79.9 |

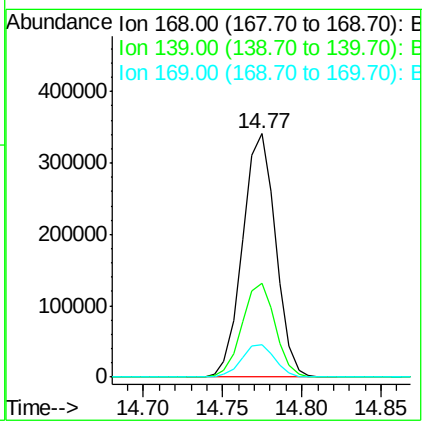


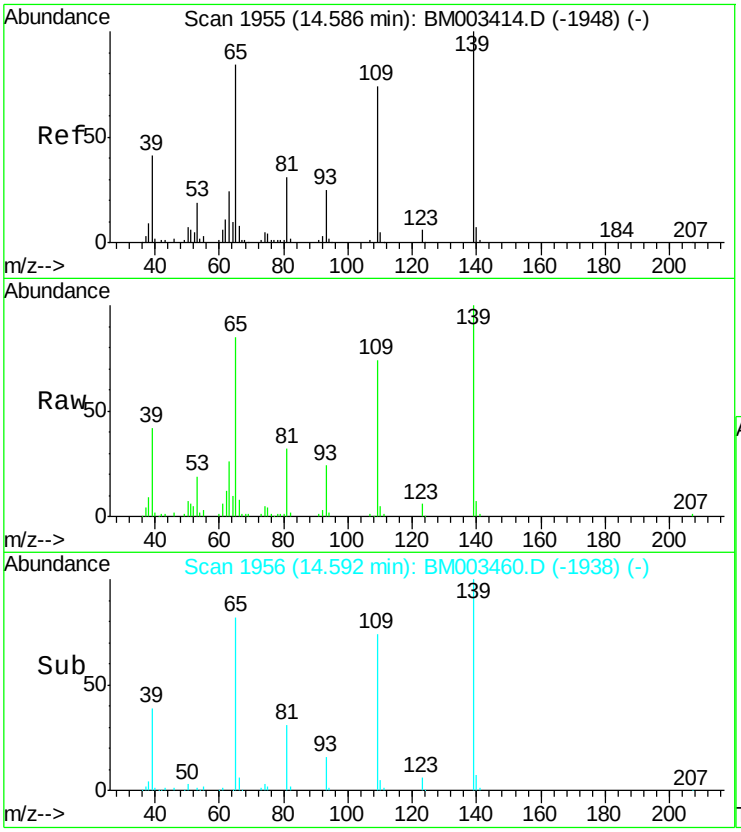




#54
Dibenzofuran
Concen: 33.25 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:168 Resp: 492998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.5 | 27.3 | 40.9 |
| 169 | 13.2 | 10.6 | 16.0 |



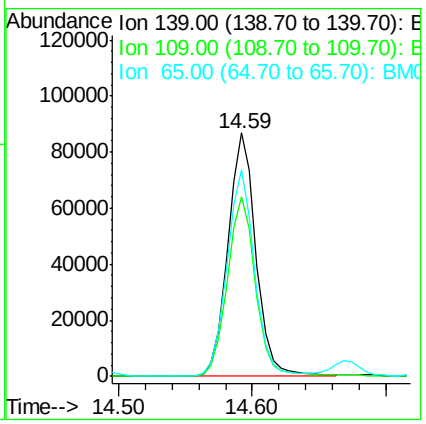


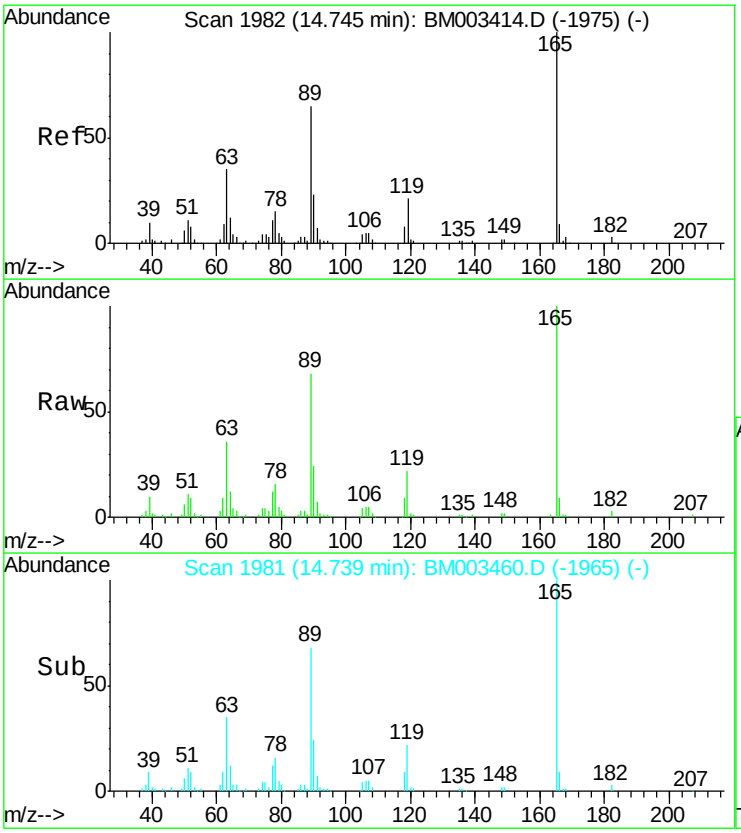

#55
4-Nitrophenol
Concen: 53.97 ng
RT: 14.59 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:139 Resp: 127922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 74.0 | 37.7 | 77.7 |
| 65 | 84.6 | 49.9 | 89.9 |

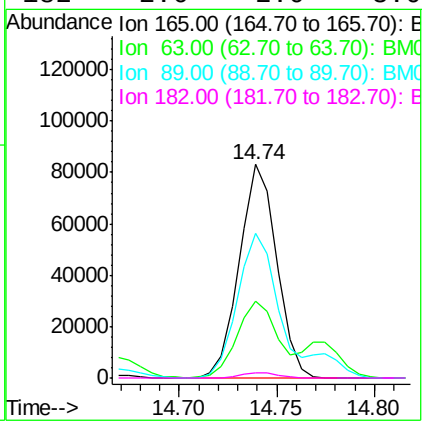


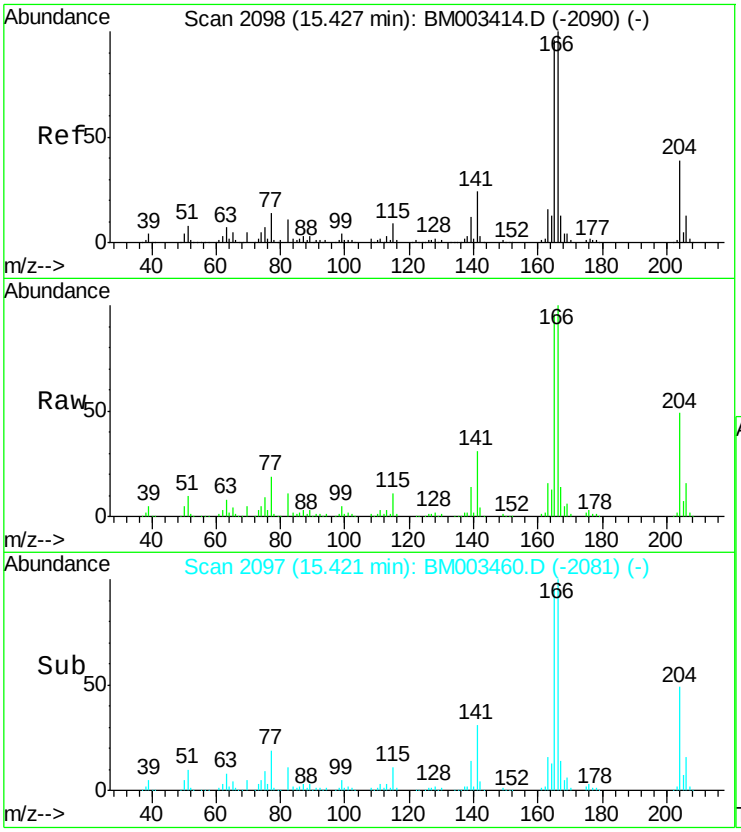




#56
2,4-Dinitrotoluene
Concen: 30.33 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:165 Resp: 110363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 36.0 | 52.4 | 78.6# |
| 89 | 67.8 | 72.4 | 108.6# |
| 182 | 2.6 | 2.0 | 3.0 |



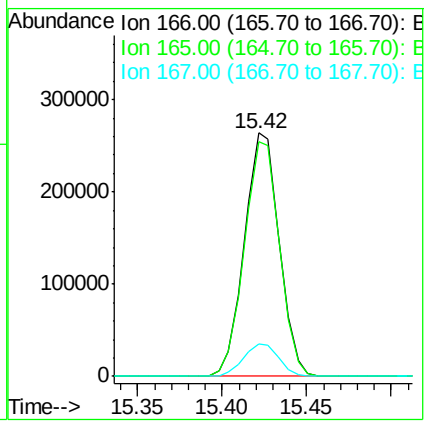


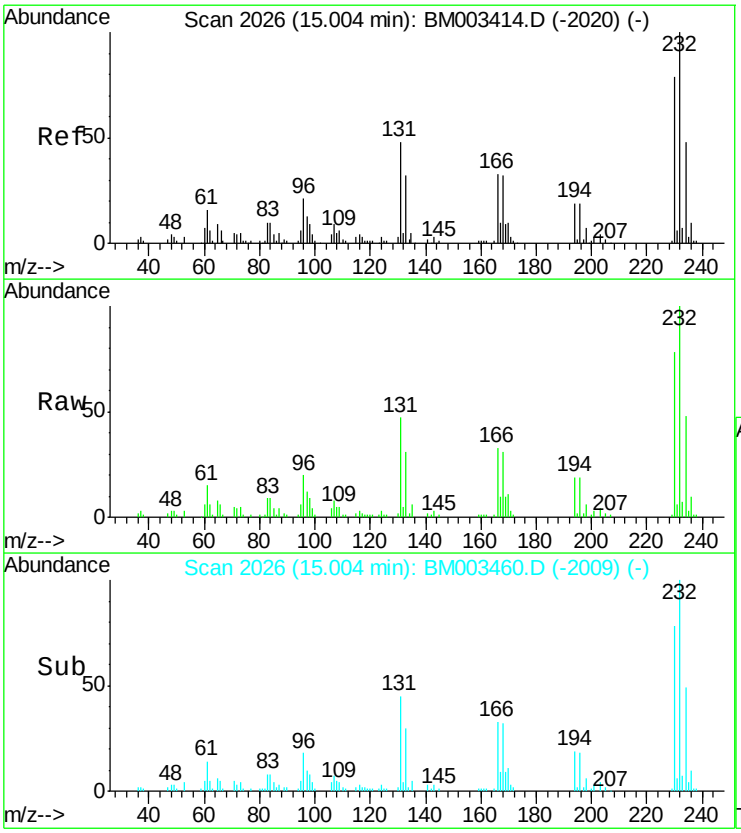

#57
Fluorene
Concen: 30.79 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:166 Resp: 378520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.5 | 79.0 | 118.4 |
| 167 | 13.5 | 10.3 | 15.5 |

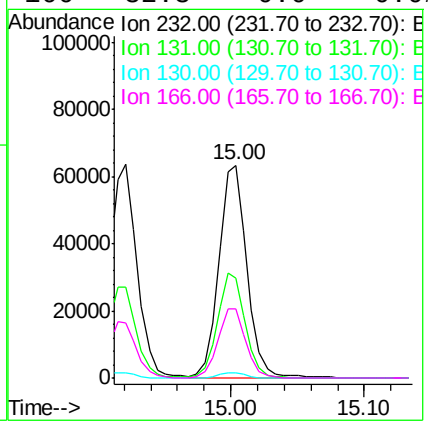


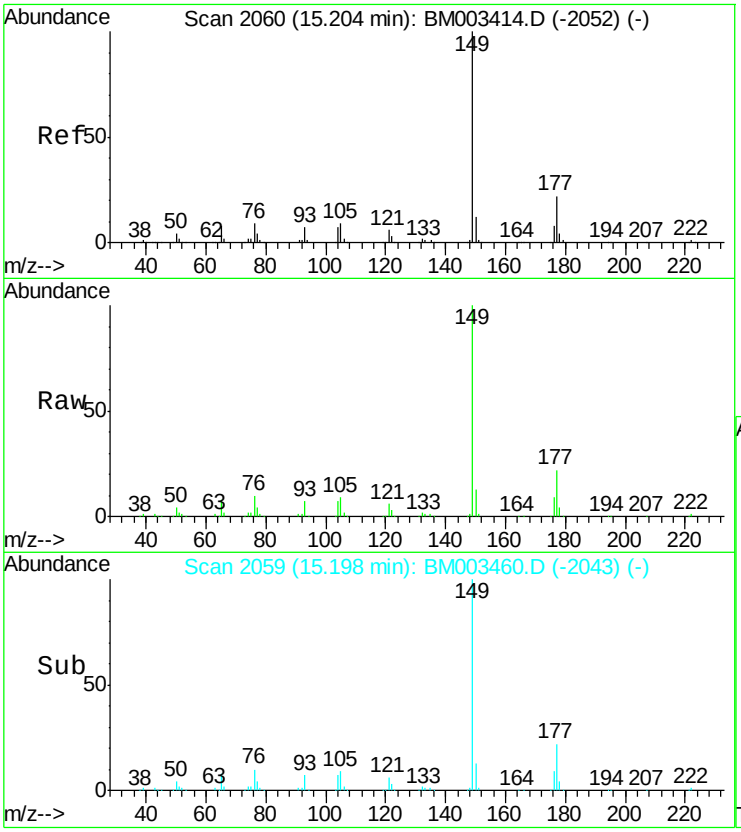




#58
2,3,4,6-Tetrachlorophenol
Concen: 33.92 ng
RT: 15.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:232 Resp: 93729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.1 | 0.0 | 0.0# |
| 130 | 2.3 | 0.0 | 0.0# |
| 166 | 32.3 | 0.0 | 0.0# |



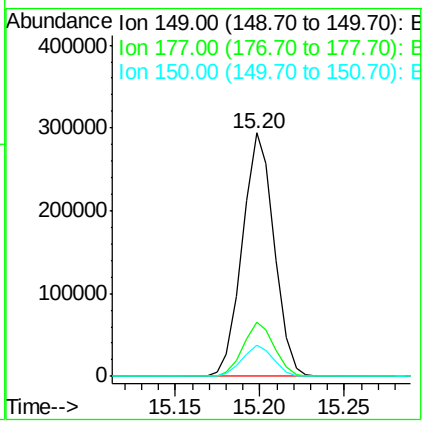


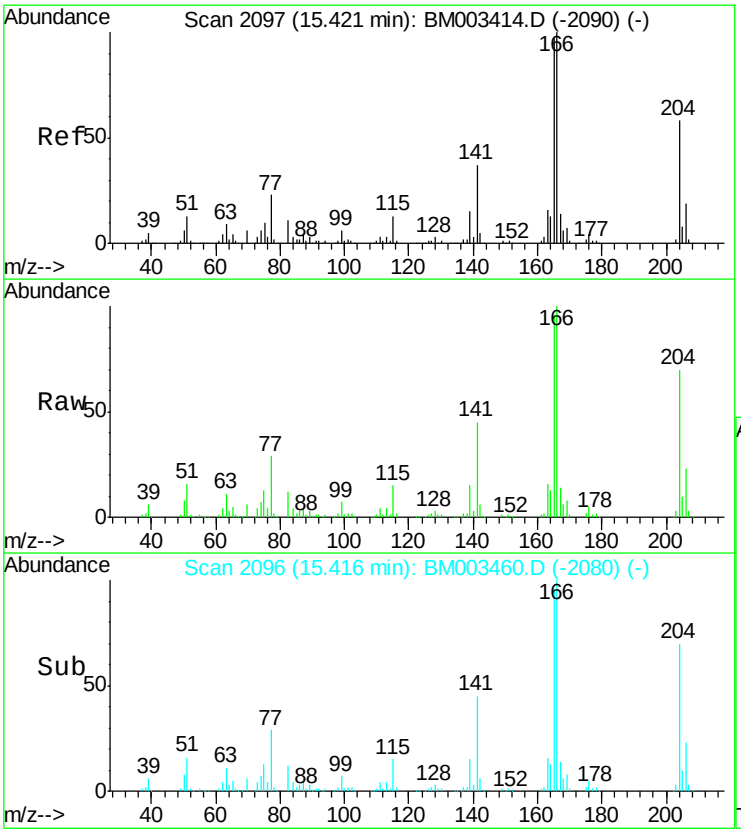

#59
Diethylphthalate
Concen: 29.17 ng
RT: 15.20 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:149 Resp: 385058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.1 | 18.3 | 27.5 |
| 150 | 12.8 | 9.8 | 14.8 |

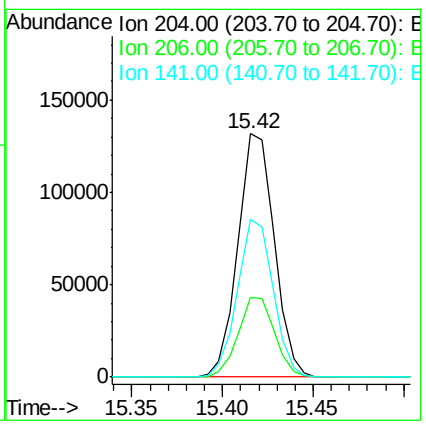


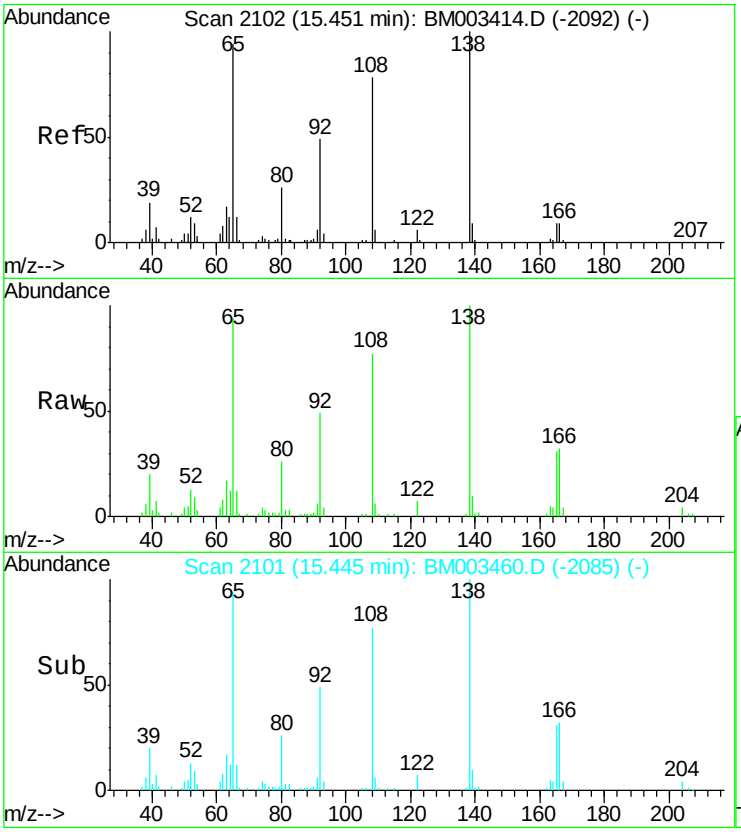




#60
4-Chlorophenyl-phenylether
Concen: 29.67 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:204 Resp: 184434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 26.6 | 39.8 |
| 141 | 64.6 | 45.2 | 67.8 |



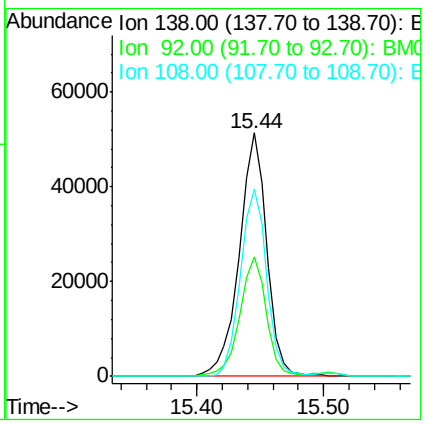


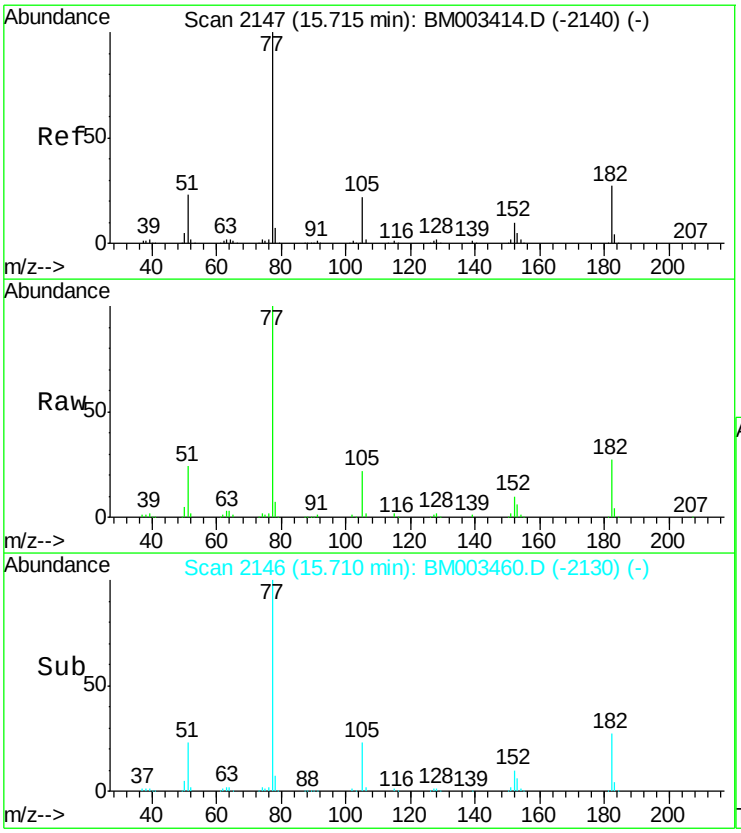

#61
4-Nitroaniline
Concen: 26.38 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:138 Resp: 77343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.3 | 16.7 | 56.7 |
| 108 | 76.7 | 37.6 | 77.6 |

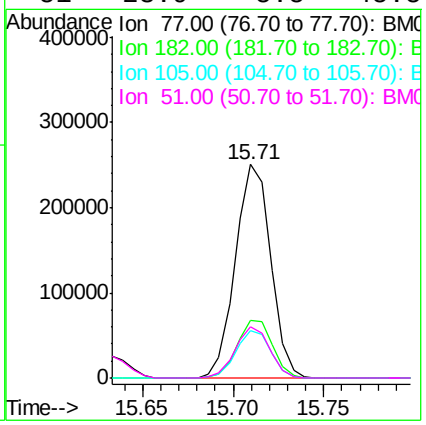


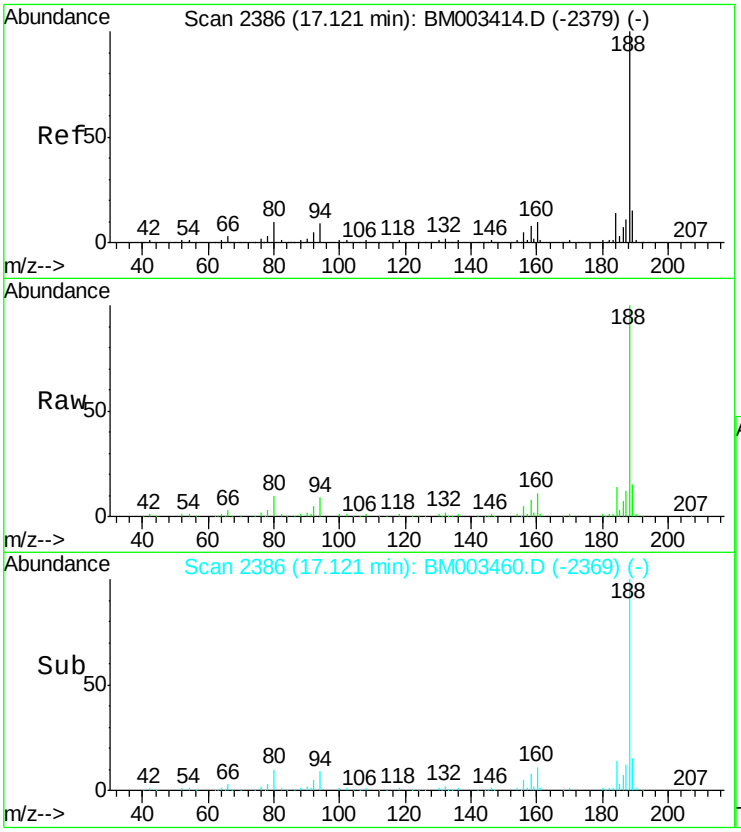




#62
Azobenzene
Concen: 32.78 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion: 77 Resp: 339151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.7 | 6.5 | 46.5 |
| 105 | 22.5 | 3.8 | 43.8 |
| 51 | 23.9 | 5.5 | 45.5 |



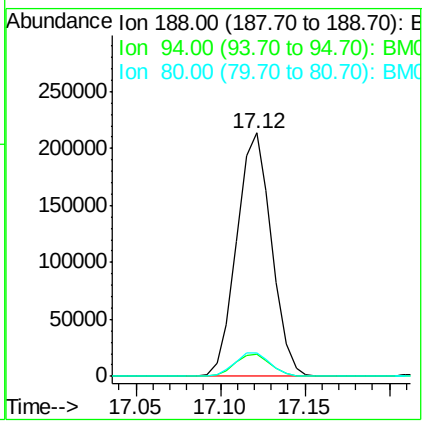


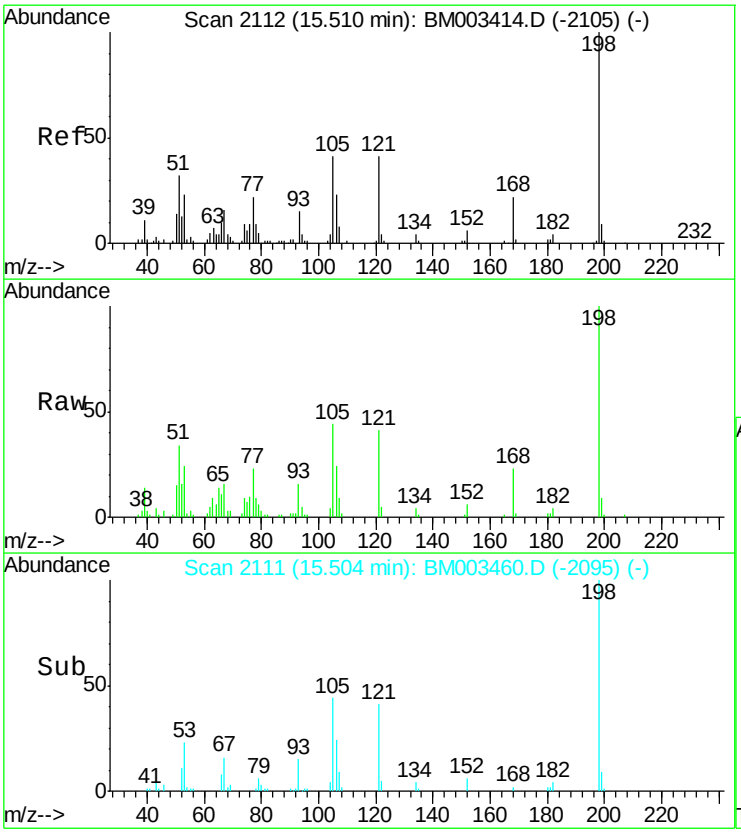

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:188 Resp: 306502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.1 | 8.7 | 13.1 |
| 80 | 9.6 | 9.3 | 13.9 |

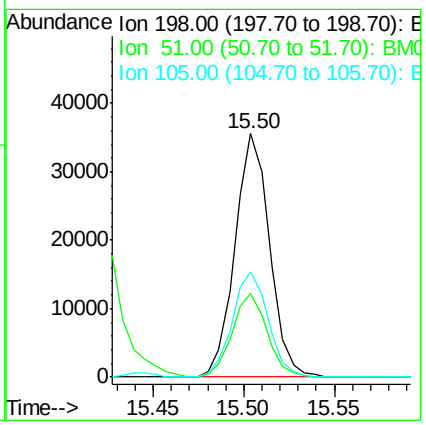


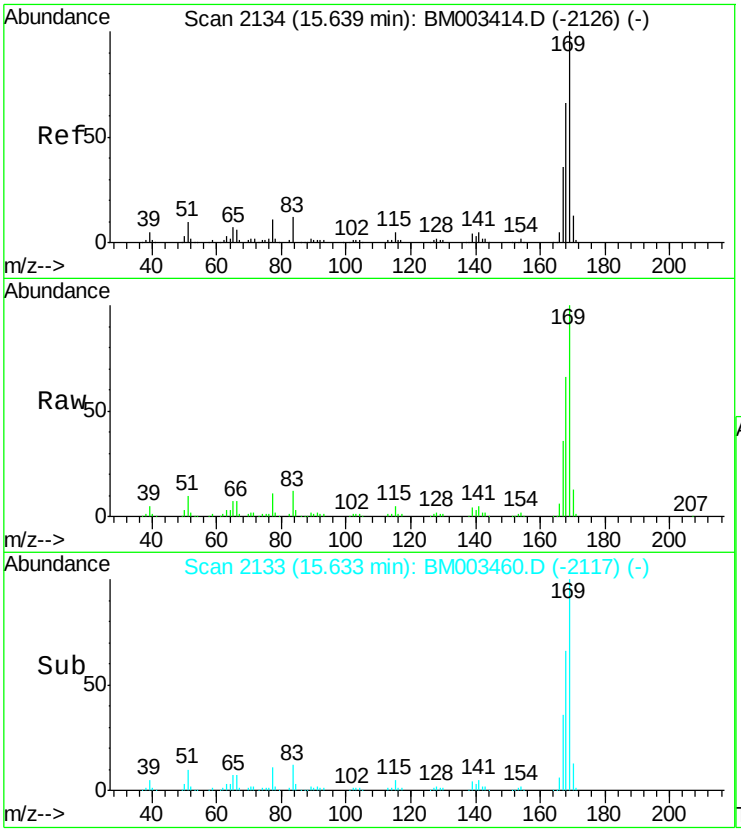




#64
4,6-Dinitro-2-methylphenol
Concen: 25.50 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:198 Resp: 47158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 34.3 | 28.8 | 68.8 |
| 105 | 43.5 | 30.5 | 70.5 |



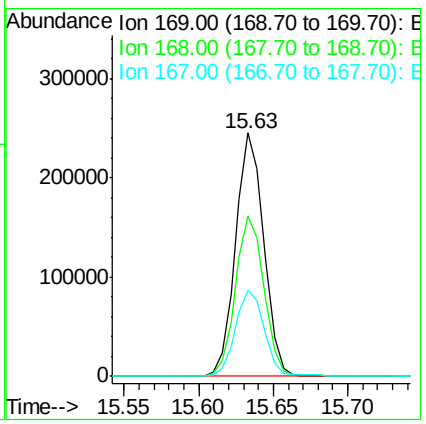


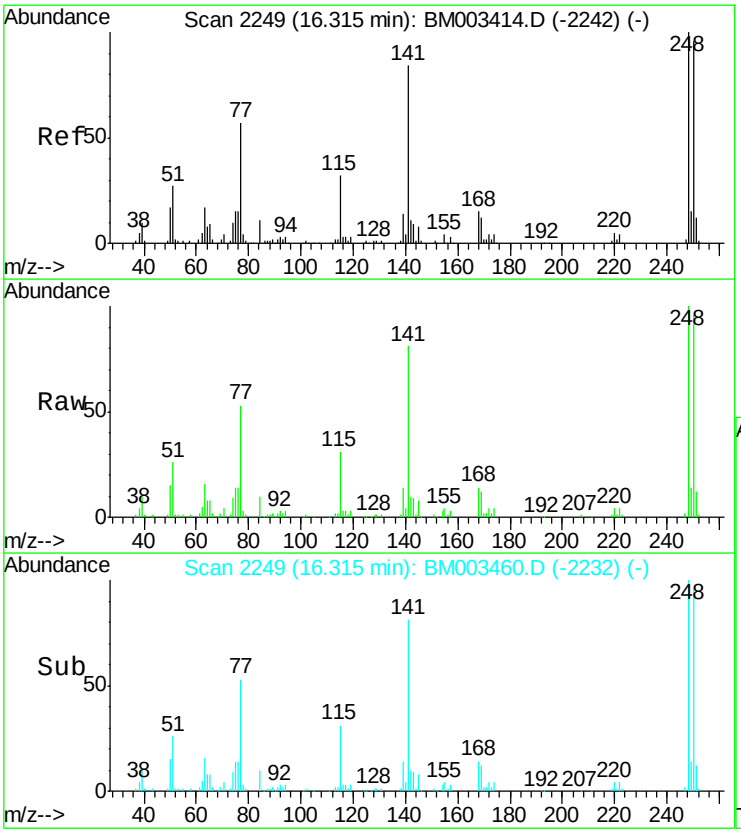

#65
n-Nitrosodiphenylamine
Concen: 33.14 ng
RT: 15.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:169 Resp: 321114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.8 | 53.9 | 80.9 |
| 167 | 35.6 | 28.9 | 43.3 |

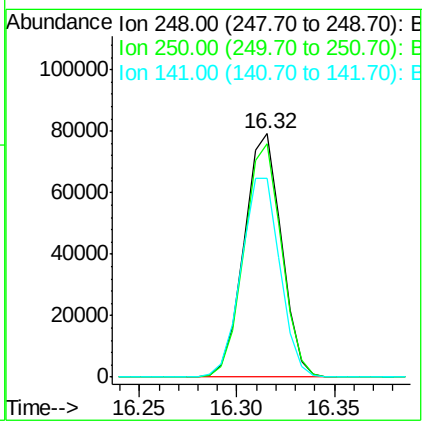


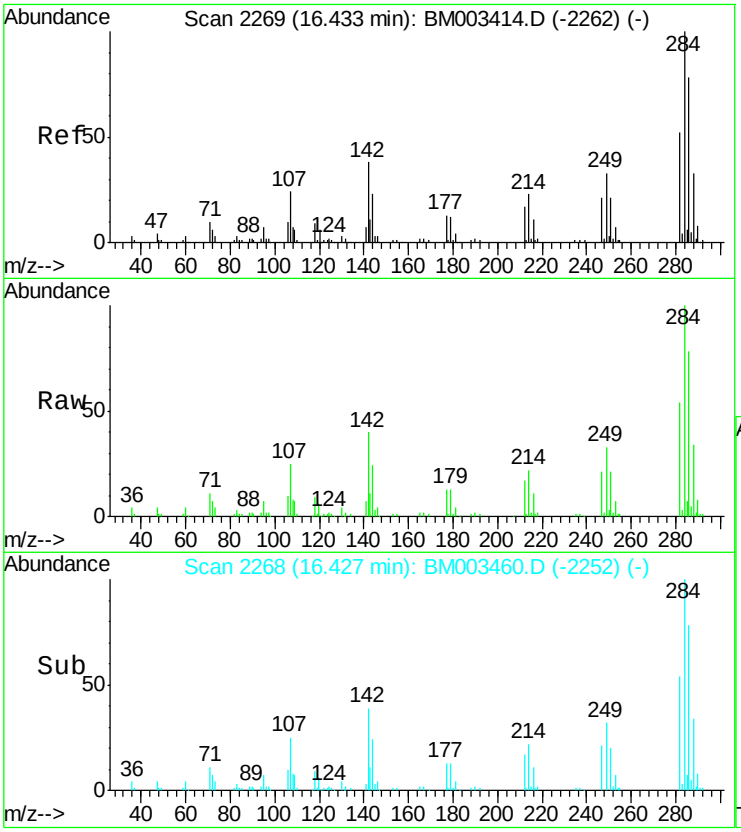




#66
4-Bromophenyl-phenylether
Concen: 31.81 ng
RT: 16.32 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:248 Resp: 105119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.1 | 77.4 | 116.0 |
| 141 | 81.4 | 45.2 | 67.8# |



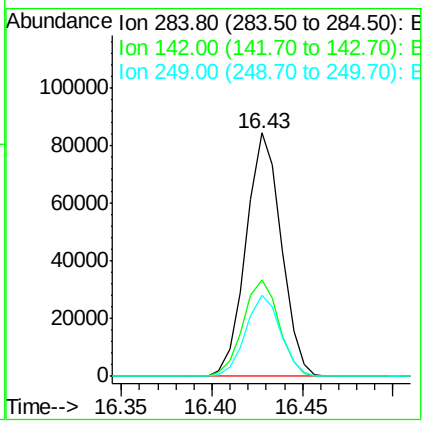


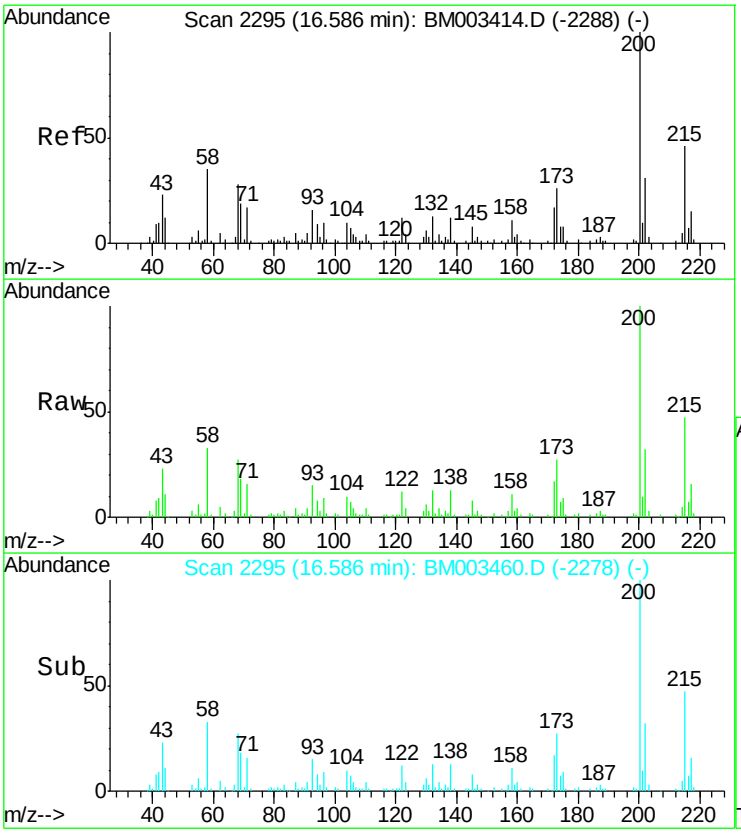

#67
Hexachlorobenzene
Concen: 32.15 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:284 Resp: 114141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 39.7 | 20.4 | 30.6# |
| 249 | 33.0 | 23.8 | 35.6 |

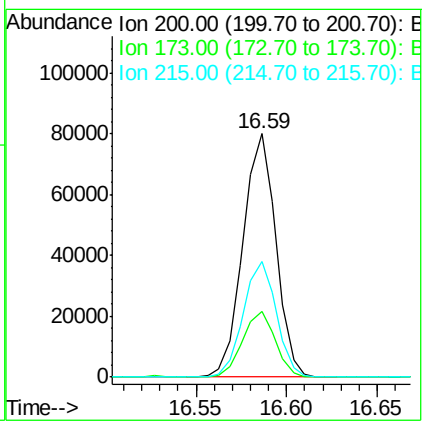


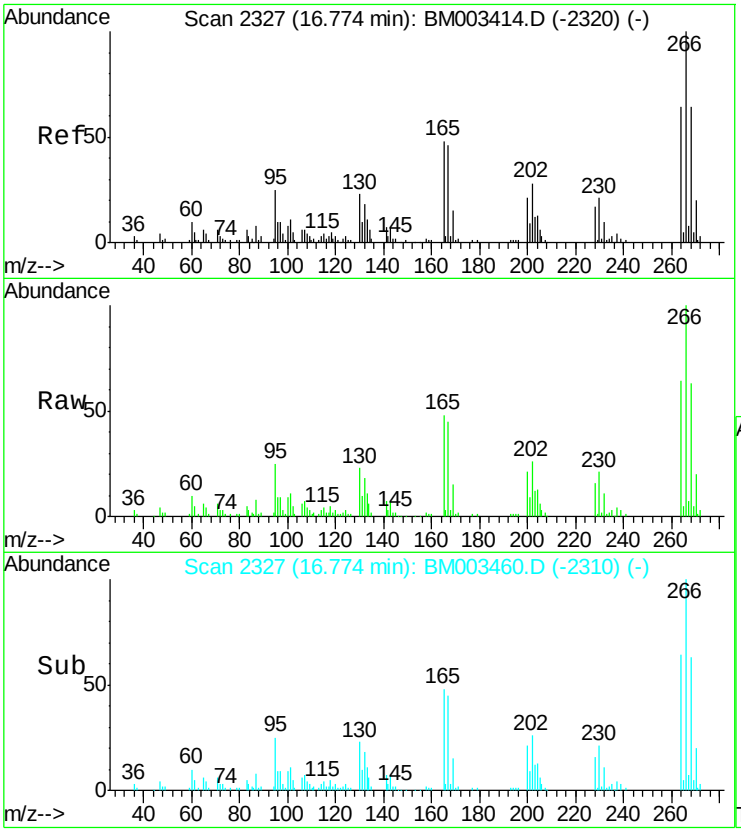




#68
Atrazine
Concen: 33.39 ng
RT: 16.59 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:200 Resp: 100921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.8 | 4.8 | 44.8 |
| 215 | 47.5 | 26.9 | 66.9 |



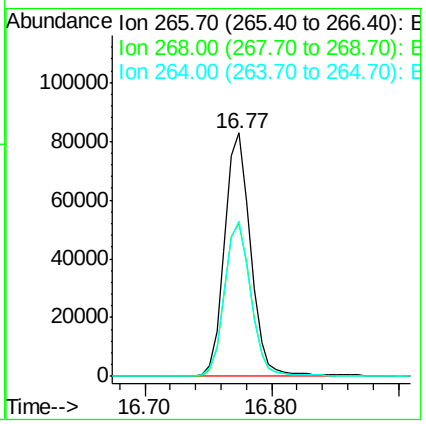


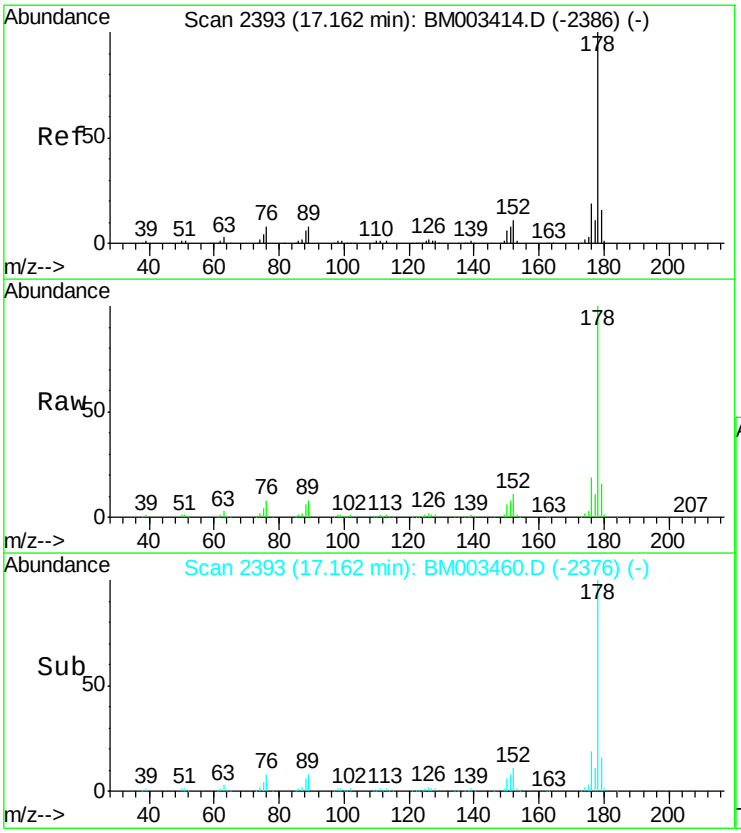

#69
Pentachlorophenol
Concen: 58.28 ng
RT: 16.77 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:266 Resp: 118123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.6 | 52.0 | 78.0 |
| 264 | 63.7 | 49.0 | 73.4 |

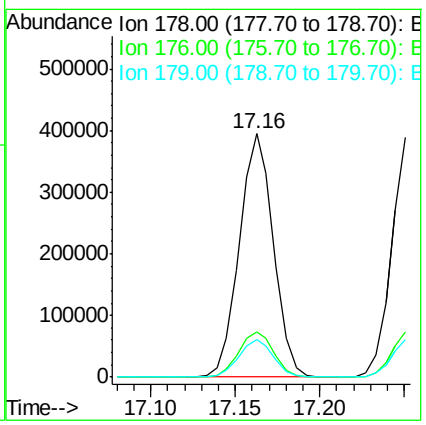


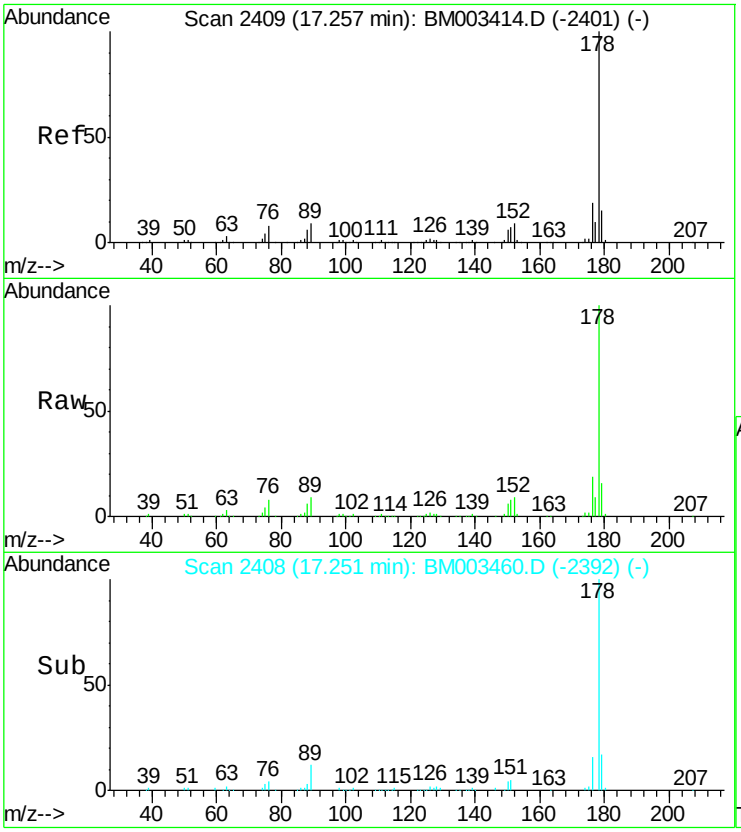




#70
Phenanthrene
Concen: 32.03 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:178 Resp: 550821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.2 | 22.8 |
| 179 | 15.6 | 12.1 | 18.1 |



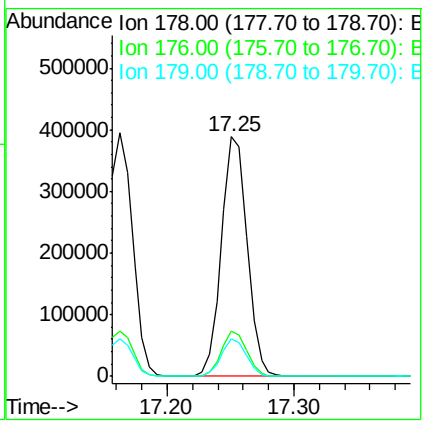


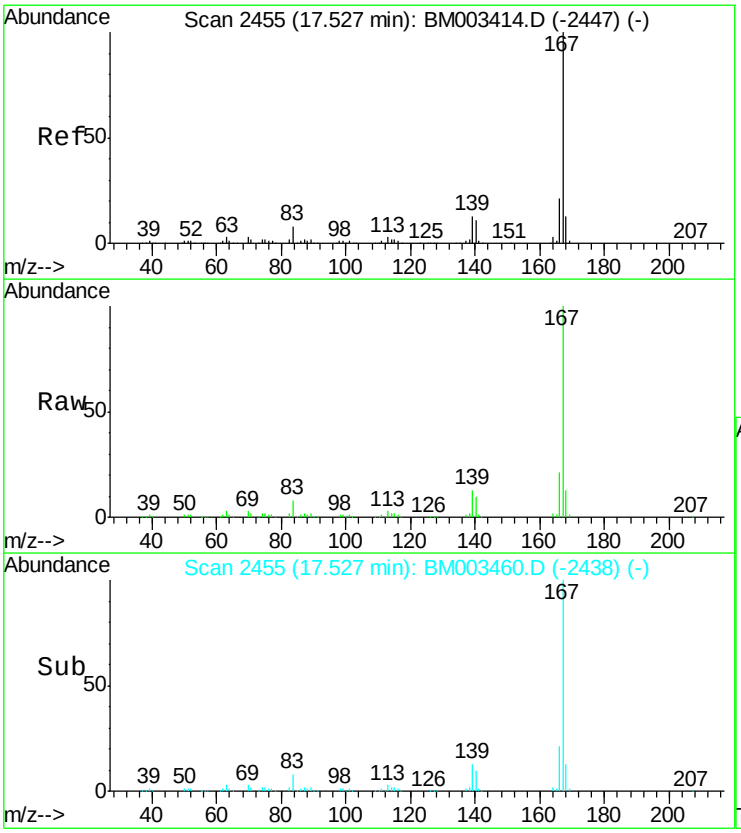

#71
Anthracene
Concen: 32.07 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:178 Resp: 548101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 14.6 | 22.0 |
| 179 | 15.8 | 12.6 | 19.0 |

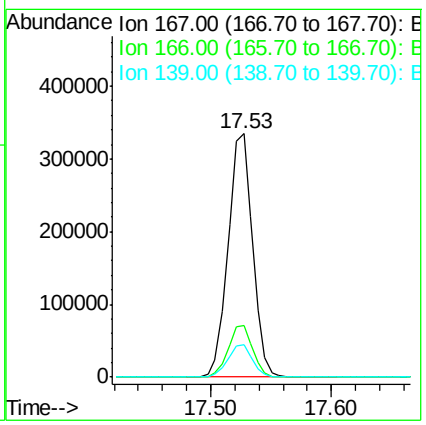


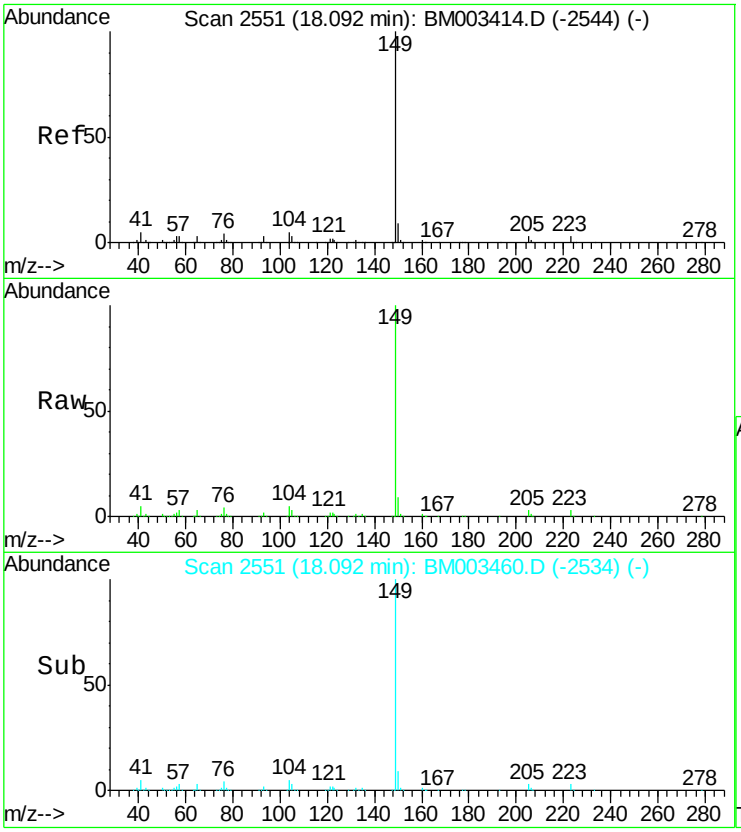




#72
Carbazole
Concen: 31.77 ng
RT: 17.53 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:167 Resp: 472966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 17.2 | 25.8 |
| 139 | 13.2 | 10.8 | 16.2 |



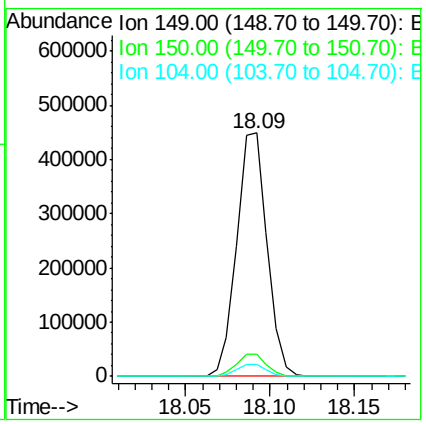


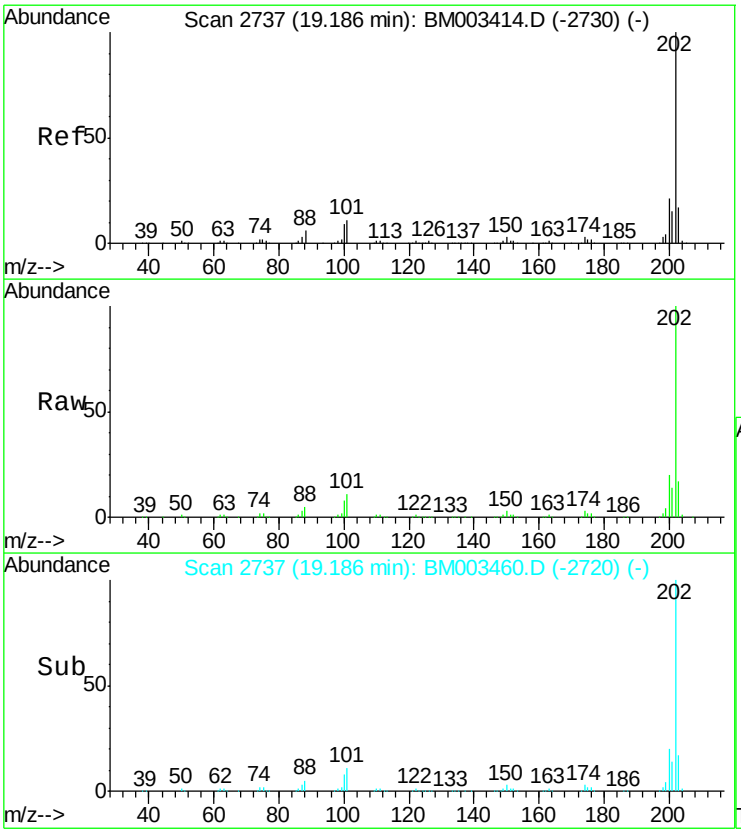

#73
Di-n-butylphthalate
Concen: 32.28 ng
RT: 18.09 min Scan# 2551
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:149 Resp: 561763

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

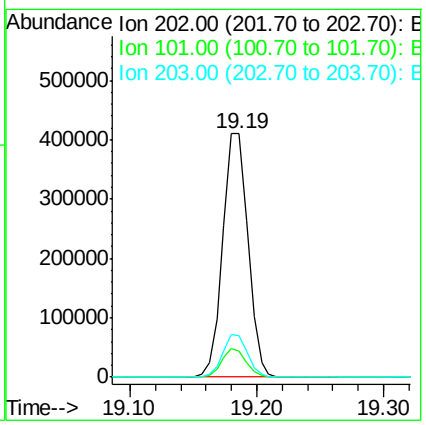


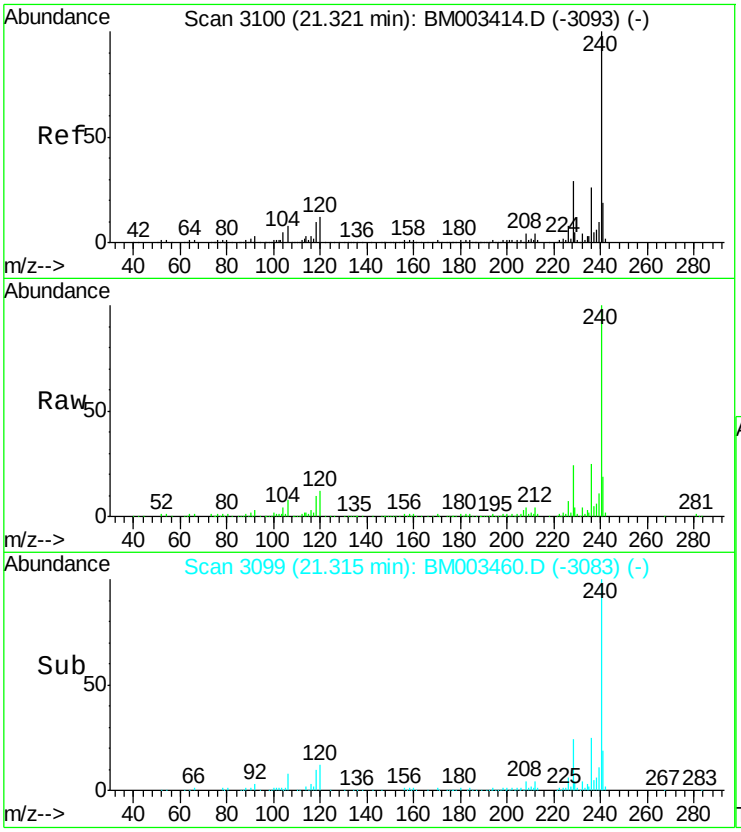




#74
Fluoranthene
Concen: 31.90 ng
RT: 19.19 min Scan# 2737
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:202 Resp: 565814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 0.0 | 28.7 |
| 203 | 17.2 | 0.0 | 37.2 |



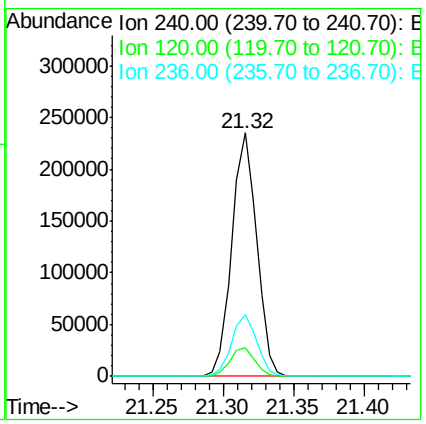


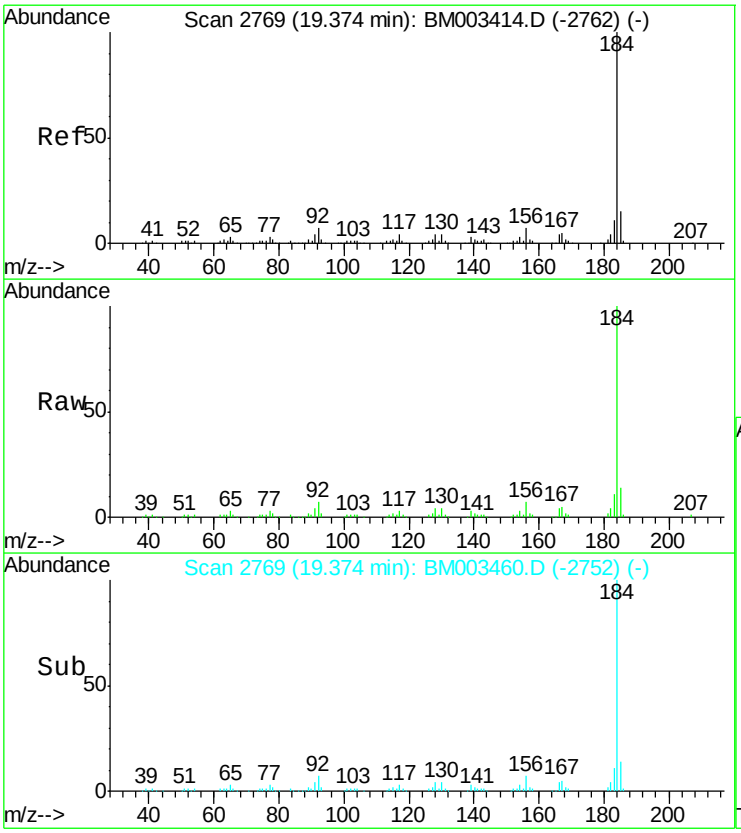

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:240 Resp: 289094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.6 | 8.2 | 12.2 |
| 236 | 25.4 | 20.0 | 30.0 |

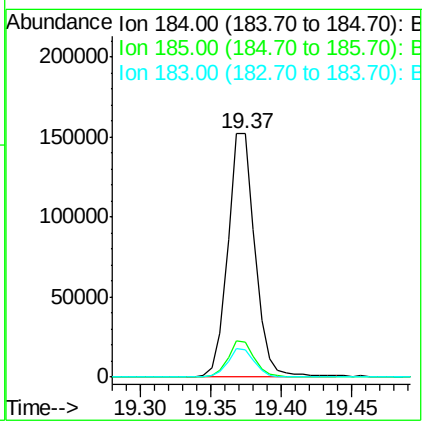


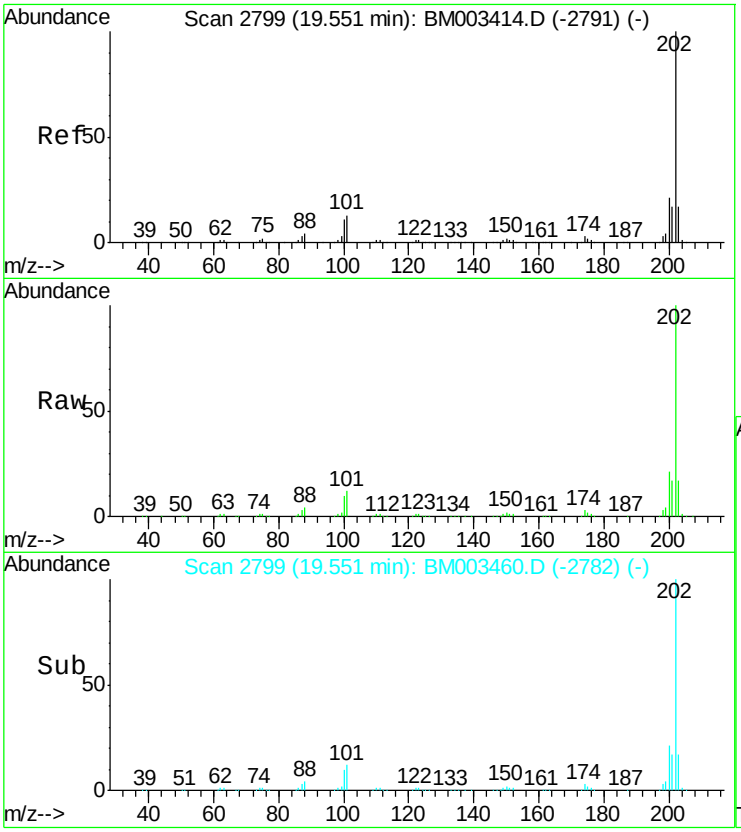




#76
Benzidine
Concen: 22.06 ng
RT: 19.37 min Scan# 2769
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:184 Resp: 204316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.5 | 11.3 | 16.9 |
| 183 | 11.3 | 8.9 | 13.3 |



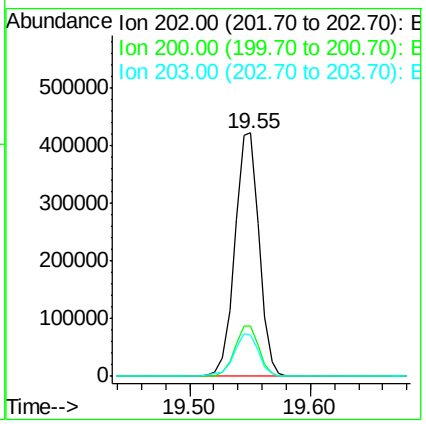


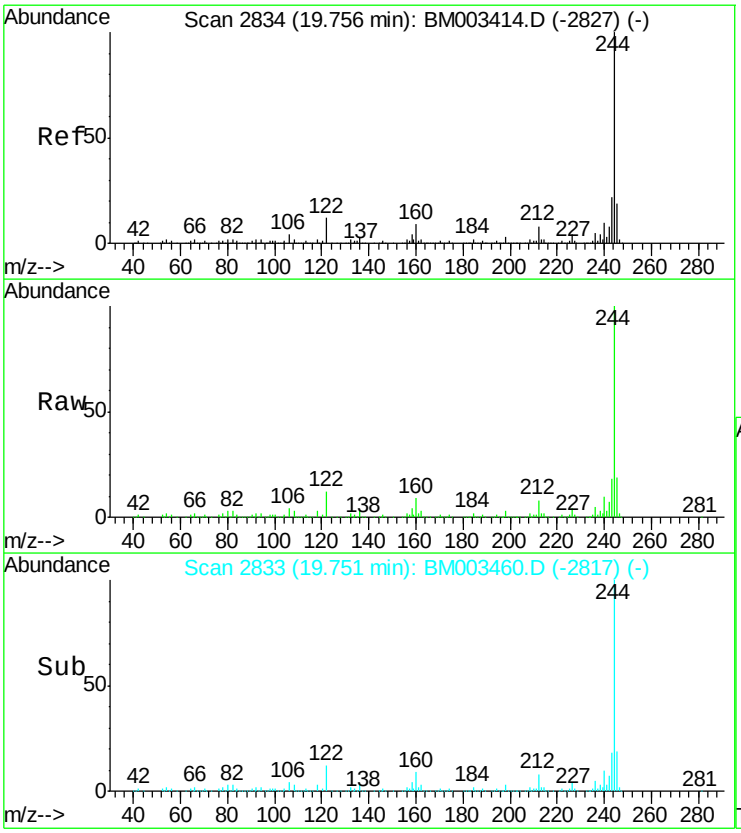

#77
Pyrene
Concen: 29.09 ng
RT: 19.55 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:202 Resp: 589678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.7 | 16.9 | 25.3 |
| 203 | 17.1 | 14.1 | 21.1 |

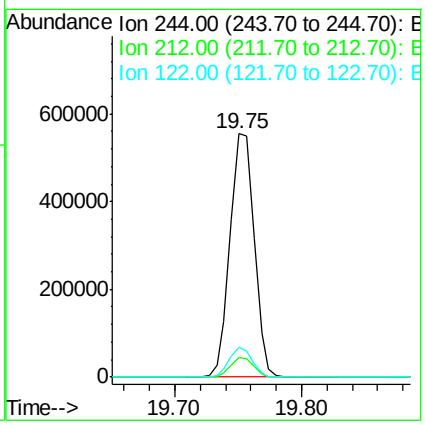


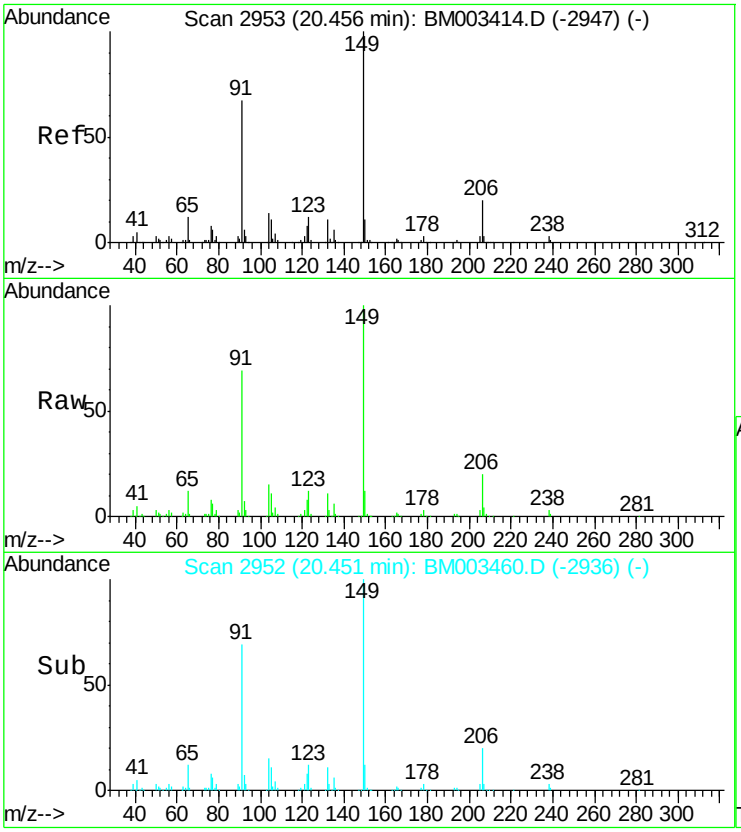




#78
Terphenyl-d14
Concen: 59.35 ng
RT: 19.75 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:244 Resp: 727541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 4.9 | 7.3# |
| 122 | 12.4 | 6.2 | 9.4# |



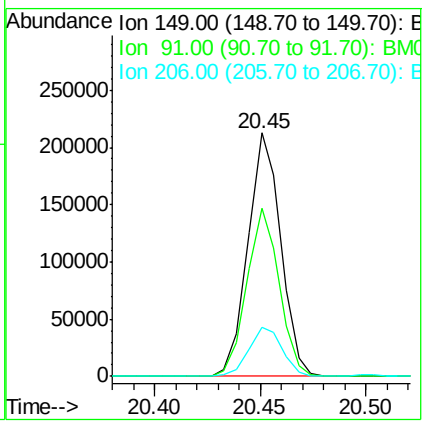


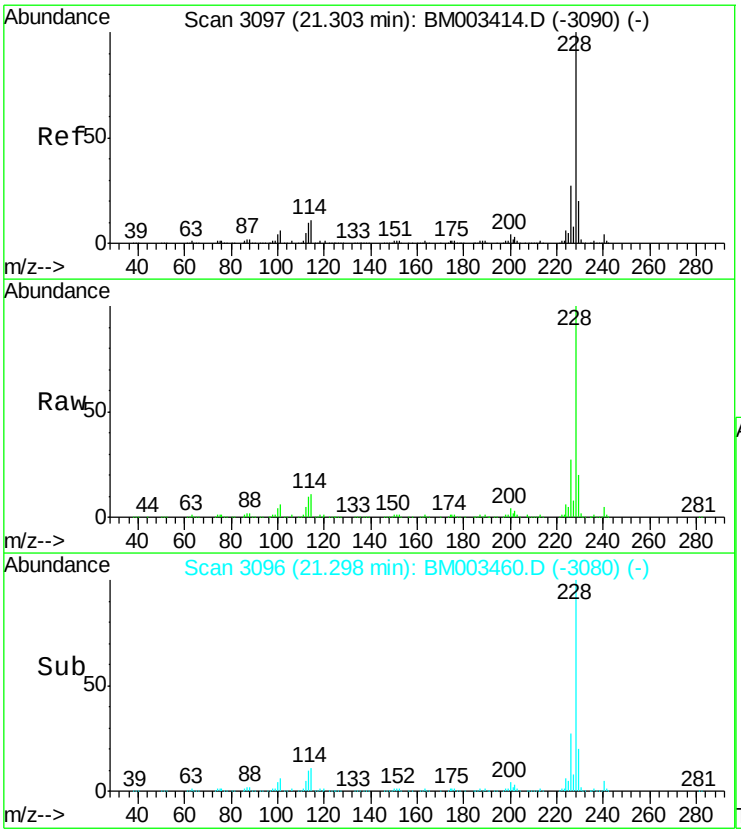

#79
Butylbenzylphthalate
Concen: 29.50 ng
RT: 20.45 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:149 Resp: 230311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.2 | 50.1 | 75.1 |
| 206 | 20.2 | 16.2 | 24.2 |

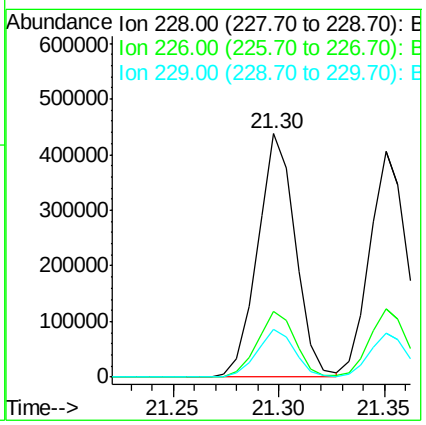


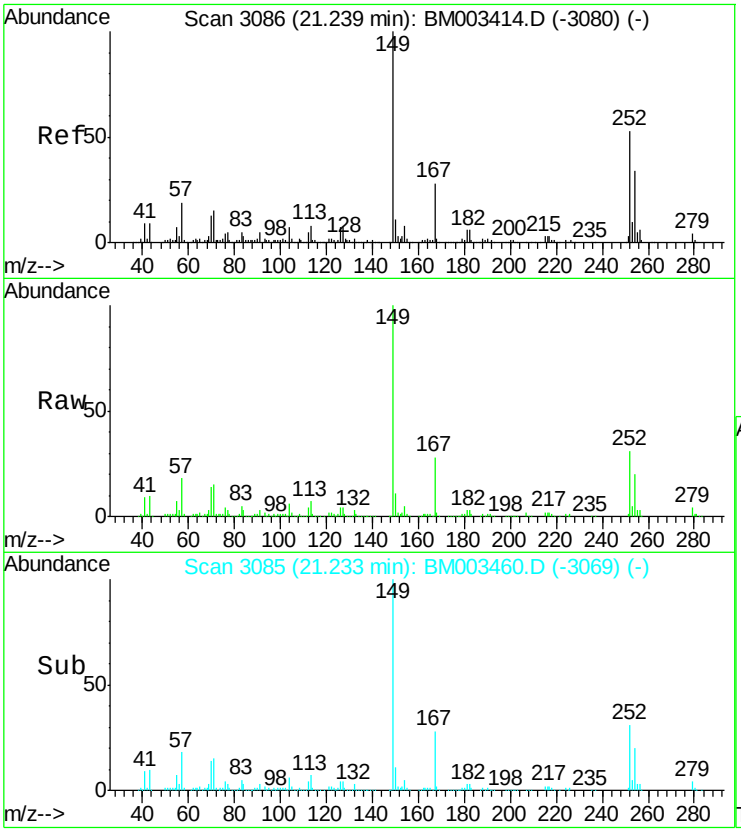




#80
Benzo(a)anthracene
Concen: 31.31 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:228 Resp: 542712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.7 | 32.5 |
| 229 | 19.7 | 16.0 | 24.0 |



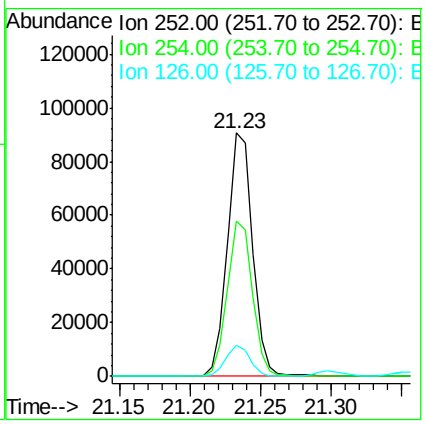


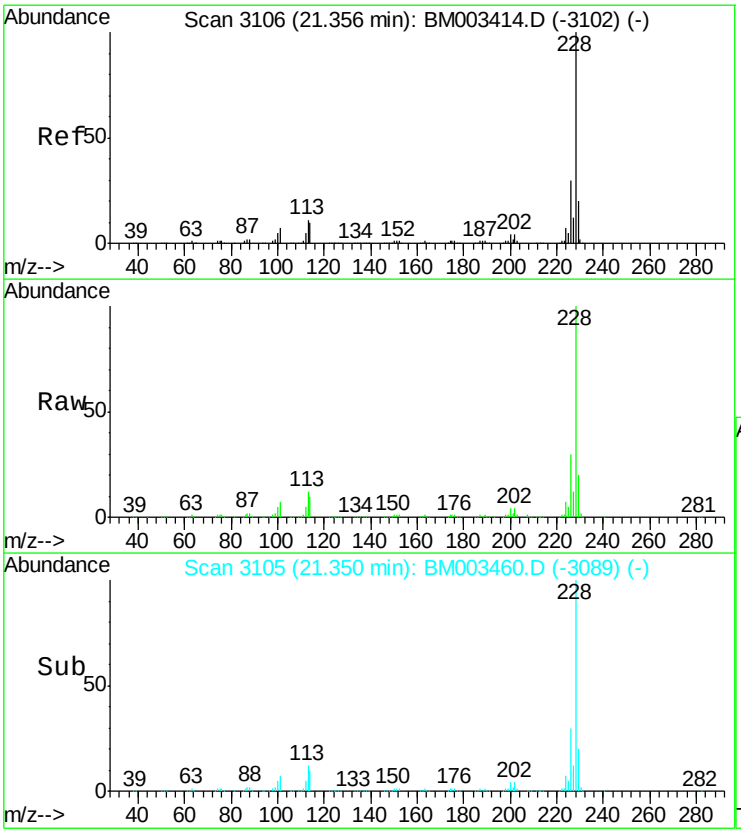

#81
3,3'-Dichlorobenzidine
Concen: 20.46 ng
RT: 21.23 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:252 Resp: 112914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.0 | 51.9 | 77.9 |
| 126 | 12.9 | 9.8 | 14.8 |

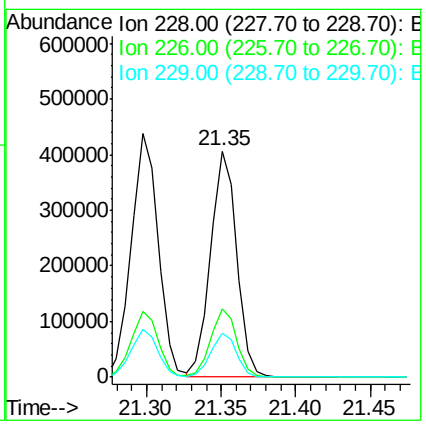


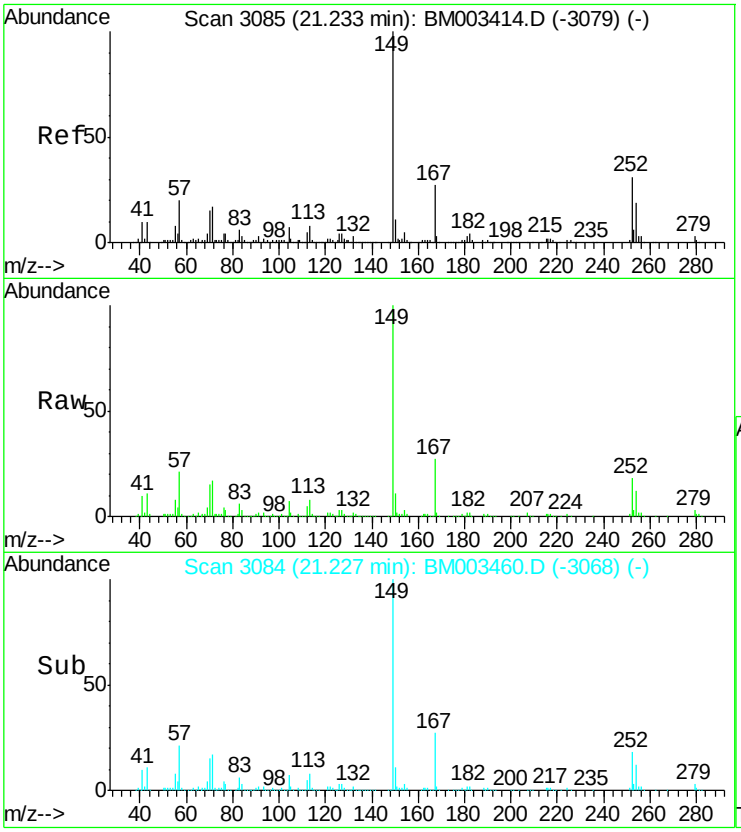




#82
Chrysene
Concen: 29.73 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:228 Resp: 495904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.1 | 36.1 |
| 229 | 19.7 | 15.5 | 23.3 |



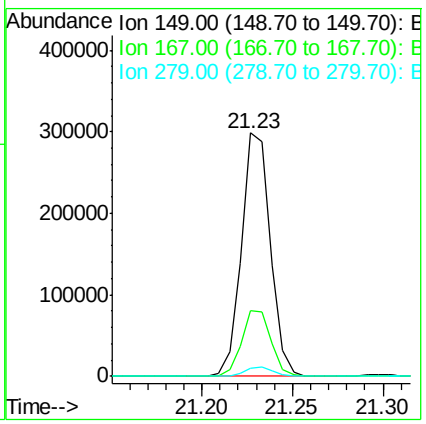


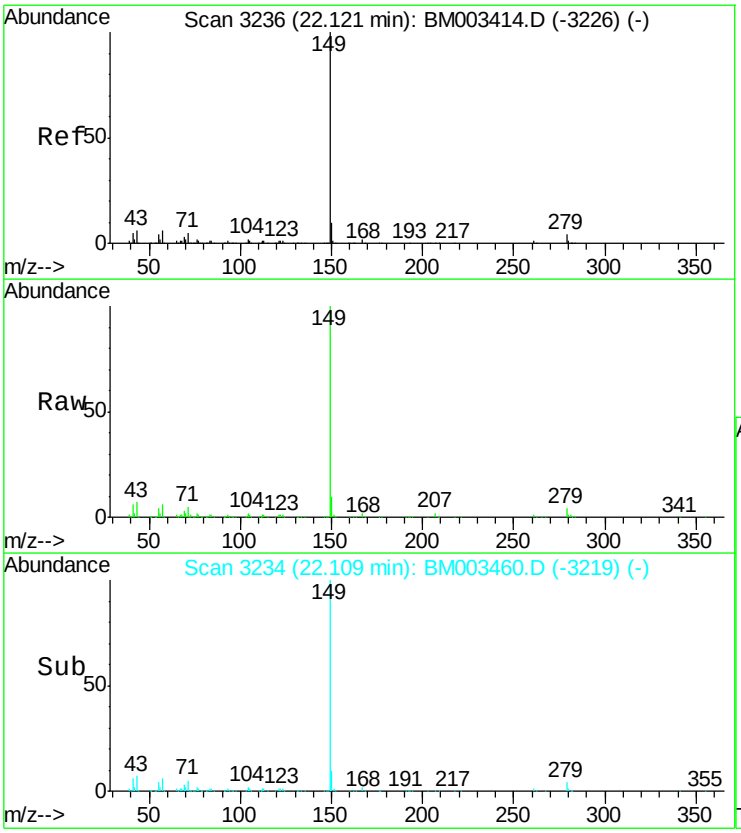

#83
Bis(2-ethylhexyl)phthalate
Concen: 30.83 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:149 Resp: 330169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.9 | 22.4 | 33.6 |
| 279 | 3.4 | 3.4 | 5.0 |

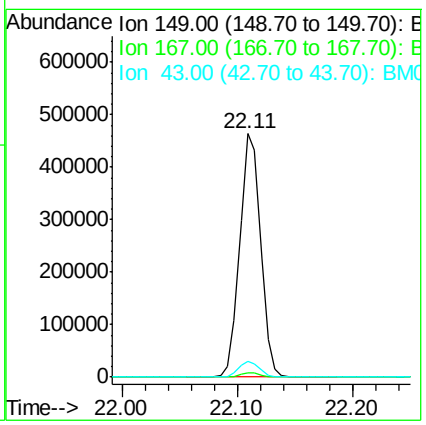


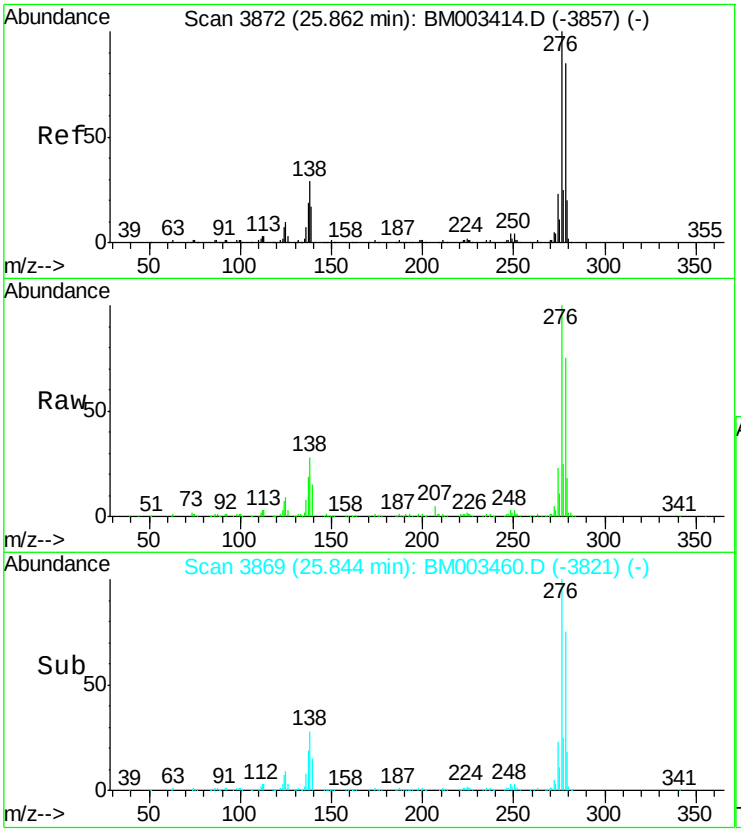




#84
Di-n-octyl phthalate
Concen: 32.92 ng
RT: 22.11 min Scan# 3234
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:149 Resp: 582348

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



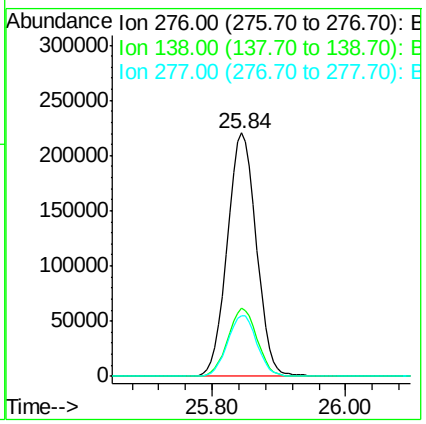


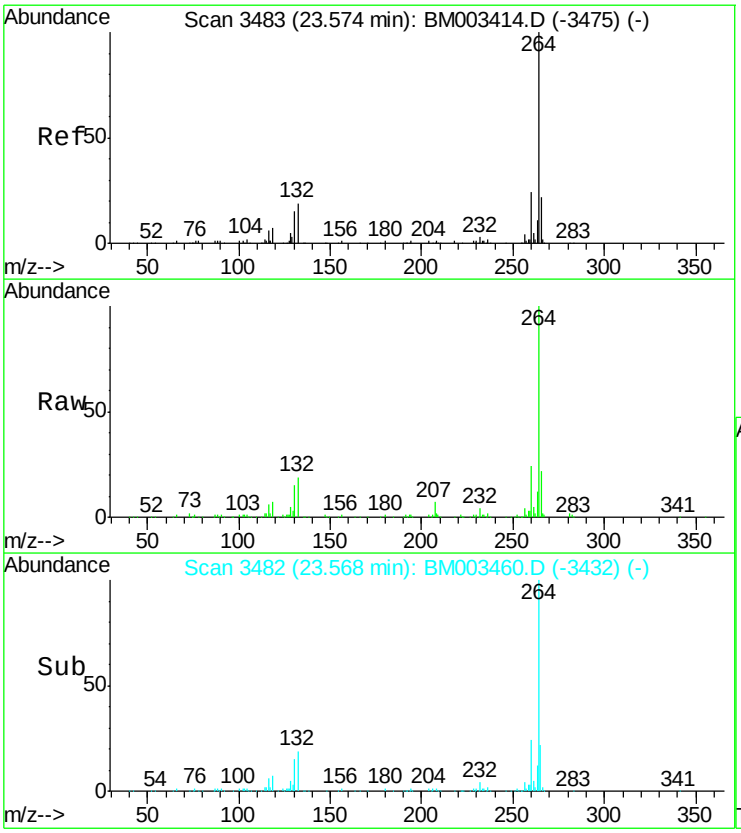

#85
Indeno(1,2,3-cd)pyrene
Concen: 38.24 ng
RT: 25.84 min Scan# 3869
Delta R.T. -0.02 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:276 Resp: 670242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.2 | 0.0 | 0.0# |
| 277 | 25.2 | 0.0 | 0.0# |

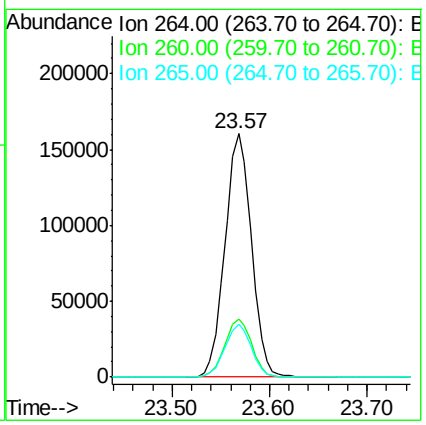


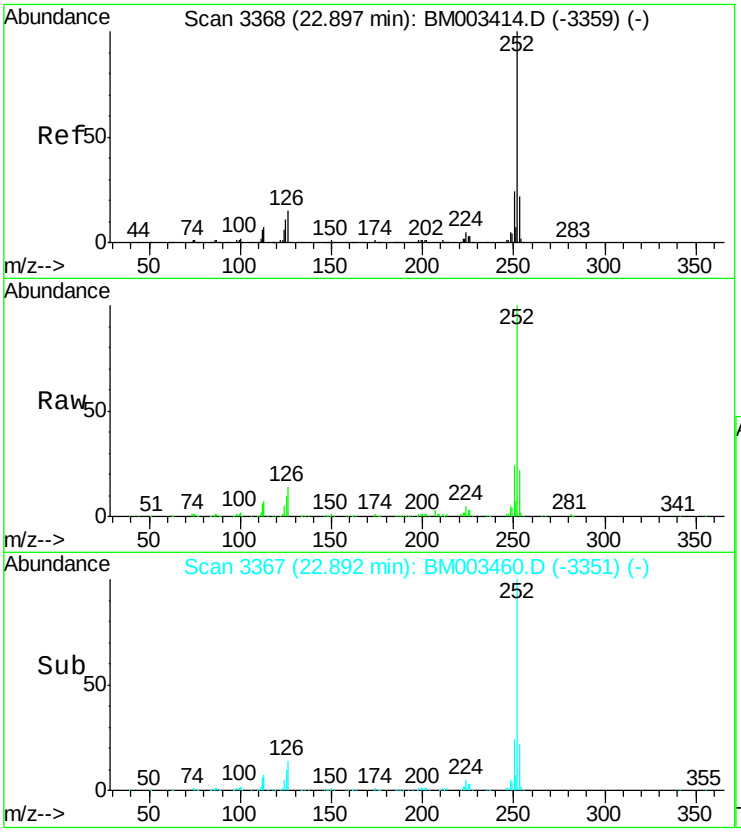




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:264 Resp: 301863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.6 | 27.8 |
| 265 | 21.9 | 17.3 | 25.9 |



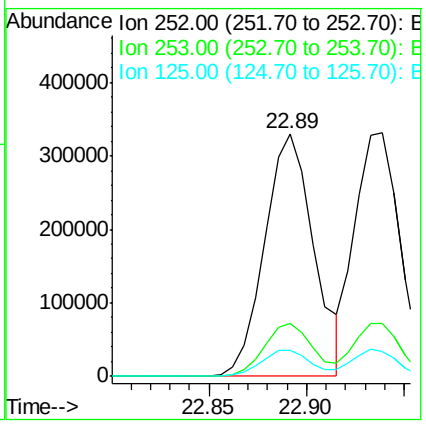


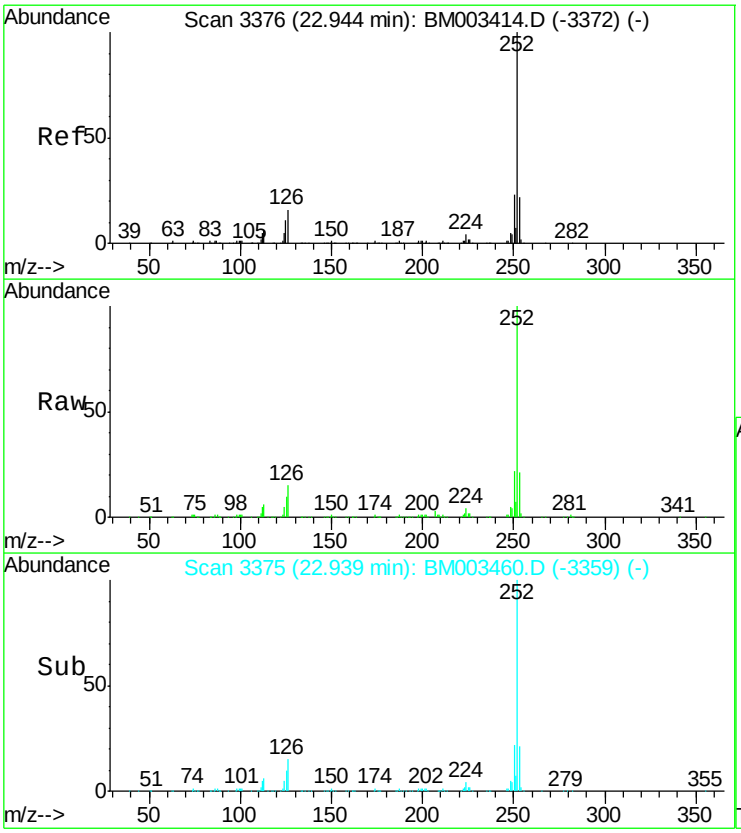

#87
Benzo(b)fluoranthene
Concen: 31.41 ng
RT: 22.89 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:252 Resp: 576384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 18.0 | 27.0 |
| 125 | 10.5 | 9.9 | 14.9 |

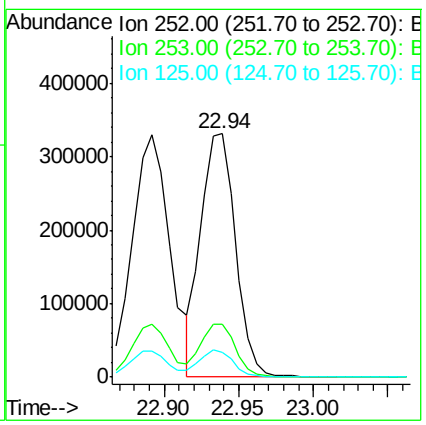


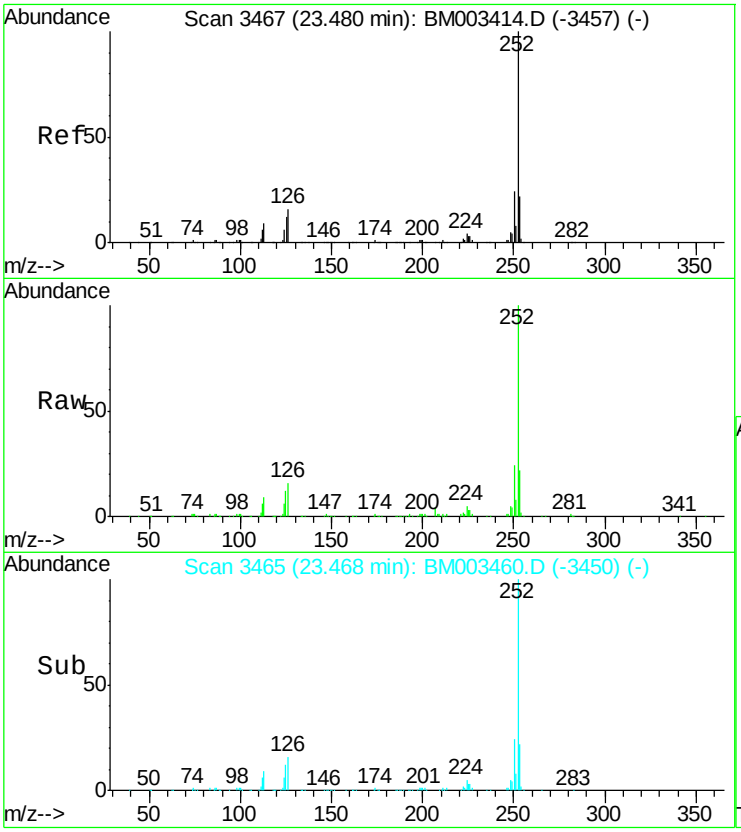




#88
Benzo(k)fluoranthene
Concen: 29.70 ng
RT: 22.94 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:252 Resp: 532094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.2 | 25.8 |
| 125 | 10.2 | 8.1 | 12.1 |



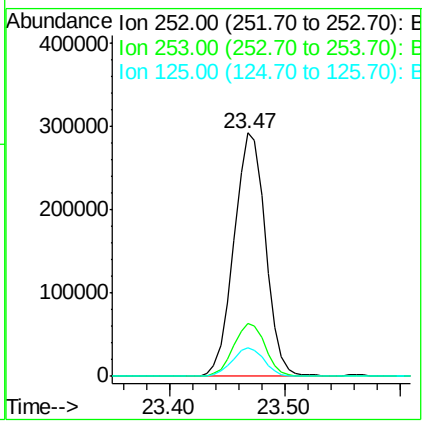


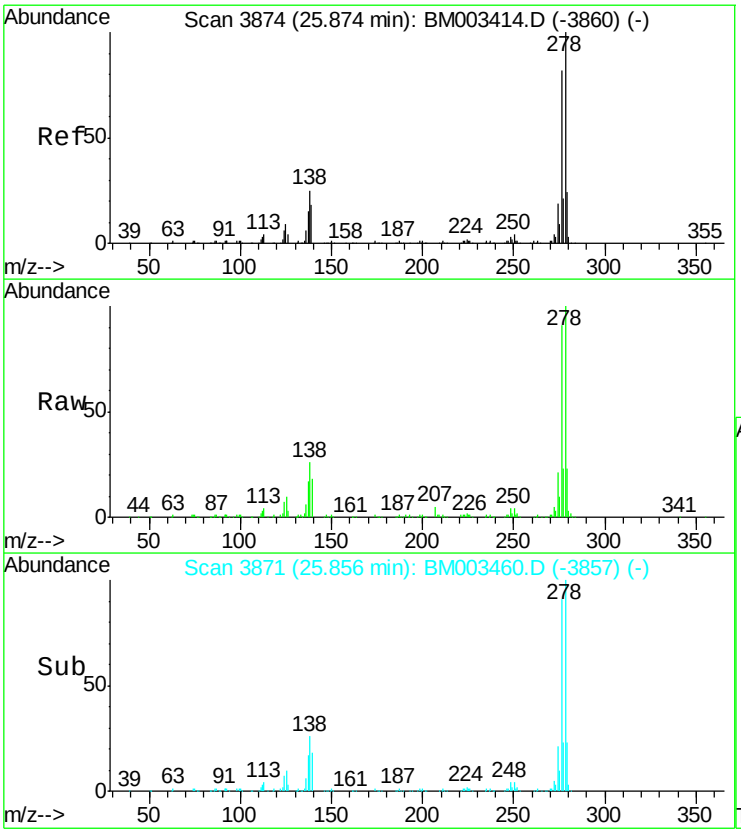

#89
Benzo(a)pyrene
Concen: 32.13 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:252 Resp: 554529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.6 | 26.4 |
| 125 | 11.8 | 7.4 | 11.2# |

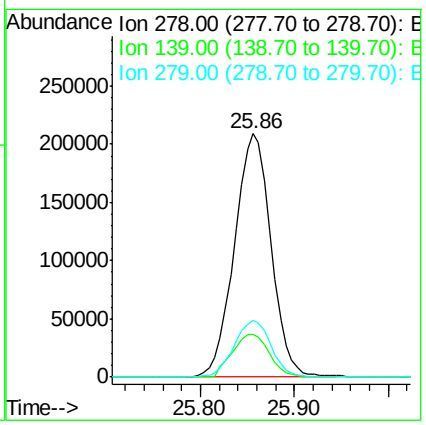


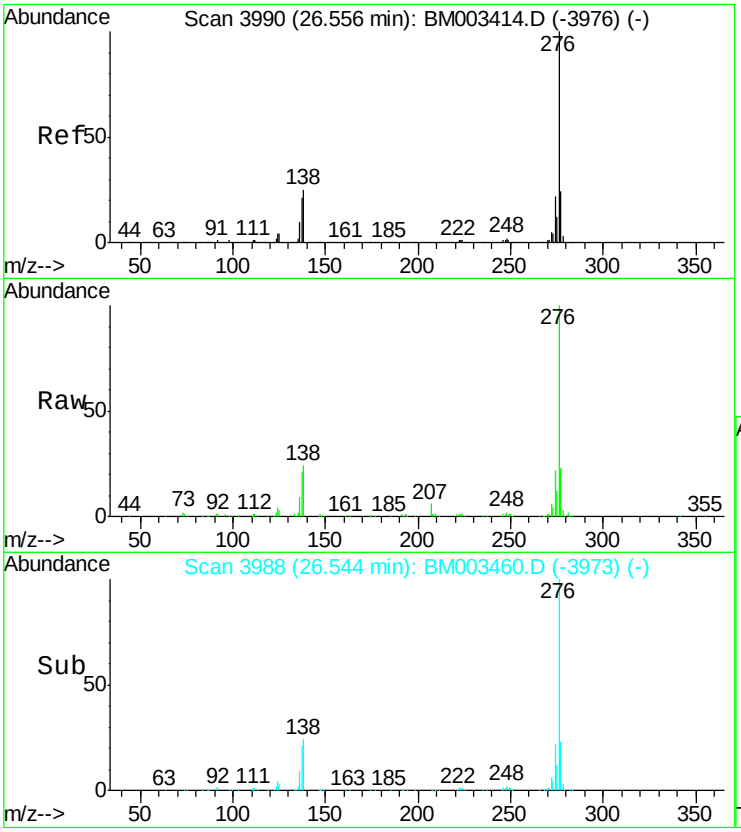




#90
Dibenzo(a,h)anthracene
Concen: 33.53 ng
RT: 25.86 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

Tgt Ion:278 Resp: 564996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.7 | 13.4 | 20.0 |
| 279 | 23.5 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 33.42 ng
RT: 26.54 min Scan# 3988
Delta R.T. -0.01 min
Lab File: BM003460.D
Acq: 10 Dec 2015 19:47

**Instrument :**
BNA_M
**ClientSampleId :**
PB87185BS

Tgt Ion:276 Resp: 568982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 18.5 | 27.7 |
| 138 | 24.2 | 19.0 | 28.6 |