Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
Data File : BM002920.D
Acq On : 15 Oct 2015 18:45
Operator : UM/IZ
Sample : PB86101BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB86101BS

Quant Time: Oct 16 07:00:29 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 06:59:27 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.66 | 152 | 95180 | 5.00 | ng | | 0.00 |
| 7) Naphthalene-d8 | 11.49 | 136 | 399002 | 5.00 | ng | | -0.01 |
| 13) Acenaphthene-d10 | 15.23 | 164 | 205223 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.95 | 188 | 512732 | 5.00 | ng | | -0.01 |
| 26) Chrysene-d12 | 22.03 | 240 | 416083 | 5.00 | ng | | -0.01 |
| 35) Perylene-d12 | 24.61 | 264 | 369443 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 6.12 | 112 | 134854 | 7.58 | ng | | -0.03 |
| 5) Phenol-d6 | 7.77 | 99 | 183472 | 8.08 | ng | | -0.03 |
| 8) Nitrobenzene-d5 | 9.85 | 82 | 75142 | 3.93 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 16.71 | 330 | 61446 | 7.66 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.87 | 172 | 260311 | 3.96 | ng | | 0.00 |
| 29) Terphenyl-d14 | 20.48 | 244 | 248358 | 3.99 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.77 | 88 | 28970 | 3.34 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 4.14 | 42 | 26820 | 3.97 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 8.04 | 93 | 83031 | 3.83 | ng | | 95 |
| 9) Nitrobenzene | 9.89 | 77 | 79957 | 3.95 | ng | | 99 |
| 10) Naphthalene | 11.54 | 128 | 313060 | 3.53 | ng | | 96 |
| 11) Hexachlorobutadiene | 11.80 | 225 | 49673 | 3.48 | ng | | 100 |
| 12) 2-Methylnaphthalene | 13.11 | 142 | 221714 | 3.71 | ng | | 96 |
| 16) Acenaphthylene | 14.96 | 152 | 369972 | 4.12 | ng | | 100 |
| 17) Acenaphthene | 15.29 | 154 | 220594 | 3.59 | ng | # | 100 |
| 18) Fluorene | 16.27 | 166 | 291682 | 3.98 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 17.13 | 248 | 81741 | 3.84 | ng | # | 53 |
| 21) Hexachlorobenzene | 17.26 | 284 | 80609 | 4.00 | ng | # | 77 |
| 22) Pentachlorophenol | 17.61 | 266 | 30116 | 12.53 | ng | | 91 |
| 23) Phenanthrene | 18.00 | 178 | 399103 | 3.34 | ng | | 100 |
| 24) Anthracene | 18.07 | 178 | 440862 | 3.87 | ng | | 97 |
| 25) Fluoranthene | 19.96 | 202 | 476827 | 3.61 | ng | | 99 |
| 27) Benzidine | 20.12 | 184 | 490284 | 7.97 | ng | | 98 |
| 28) Pyrene | 20.32 | 202 | 502269 | 4.09 | ng | | 99 |
| 30) Benzo(a)anthracene | 22.01 | 228 | 467715 | 3.89 | ng | # | 90 |
| 31) 3,3'-Dichlorobenzidine | 21.93 | 252 | 174579 | 4.29 | ng | # | 87 |
| 32) Chrysene | 22.07 | 228 | 413380 | 3.68 | ng | | 92 |
| 33) Bis(2-ethylhexyl)phthalate | 21.85 | 149 | 295687 | 3.29 | ng | # | 93 |
| 34) Indeno(1,2,3-cd)pyrene | 27.30 | 276 | 425004 | 3.67 | ng | | 100 |
| 36) Benzo(b)fluoranthene | 23.81 | 252 | 439555 | 4.15 | ng | | 98 |
| 37) Benzo(k)fluoranthene | 23.86 | 252 | 391532 | 3.77 | ng | | 98 |
| 38) Benzo(a)pyrene | 24.49 | 252 | 387253 | 4.13 | ng | | 98 |
| 39) Dibenzo(a,h)anthracene | 27.30 | 278 | 344303 | 3.84 | ng | | 98 |
| 40) Benzo(g,h,i)perylene | 28.14 | 276 | 354829 | 3.78 | ng | | 99 |

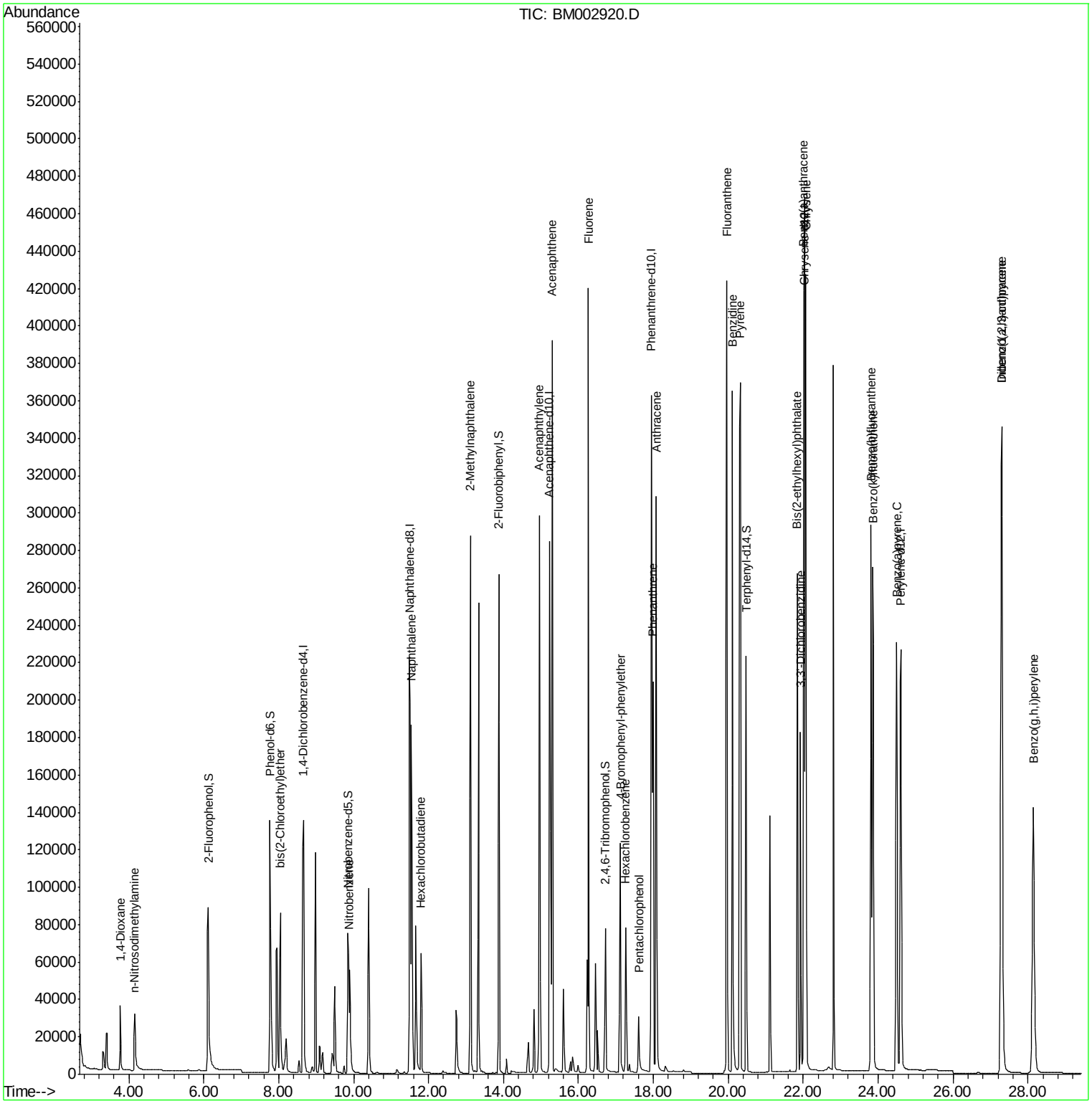
(#) = qualifier out of range (m) = manual integration (+) = signals summed

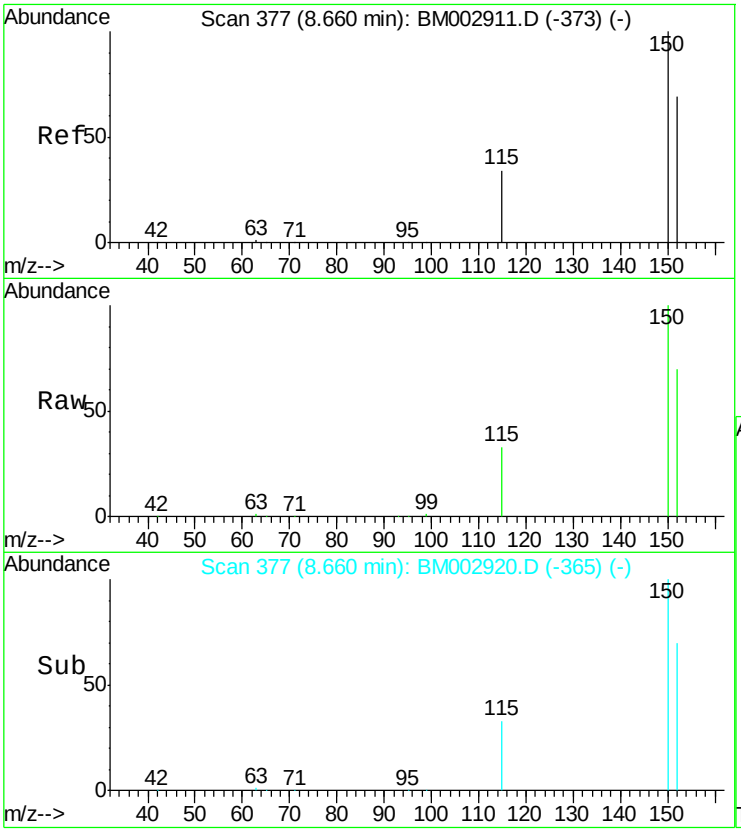
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101515\
Data File : BM002920.D
Acq On : 15 Oct 2015 18:45
Operator : UM/IZ
Sample : PB86101BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB86101BS

Quant Time: Oct 16 07:00:29 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM101515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 06:59:27 2015
Response via : Initial Calibration



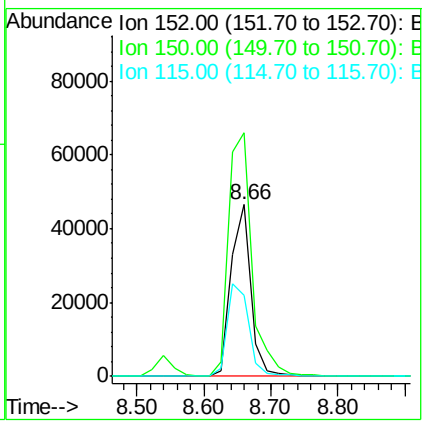


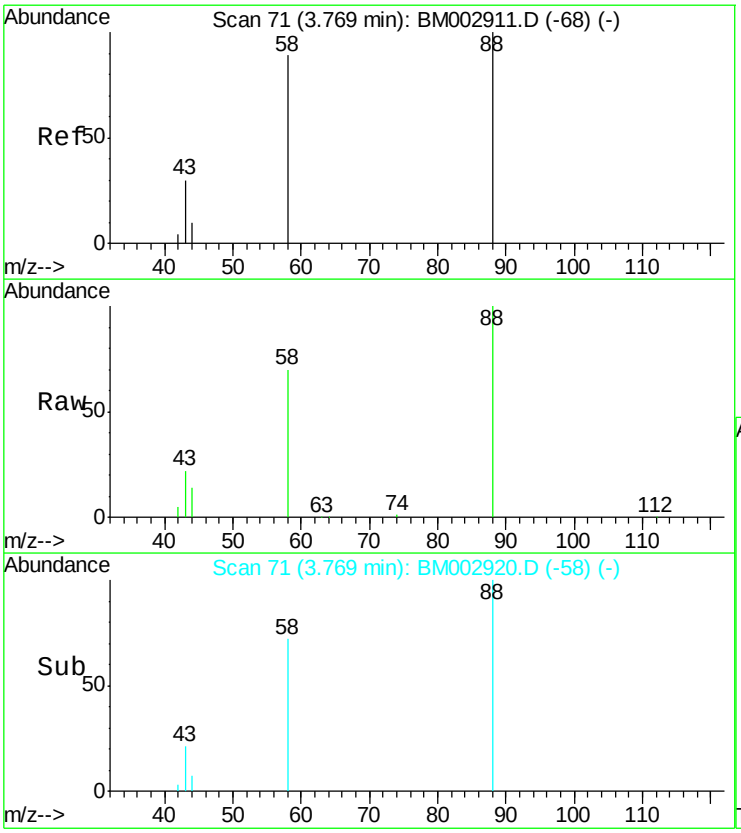

#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.66 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:152 Resp: 95180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 141.9 | 113.0 | 169.6 |
| 115 | 47.1 | 37.9 | 56.9 |

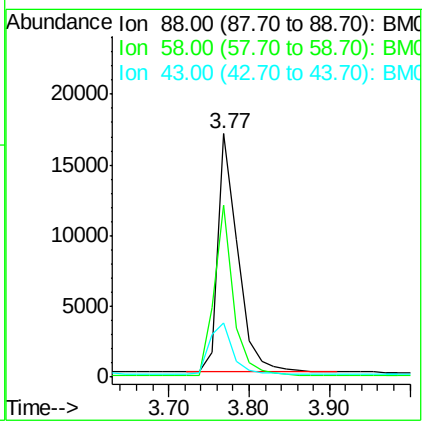


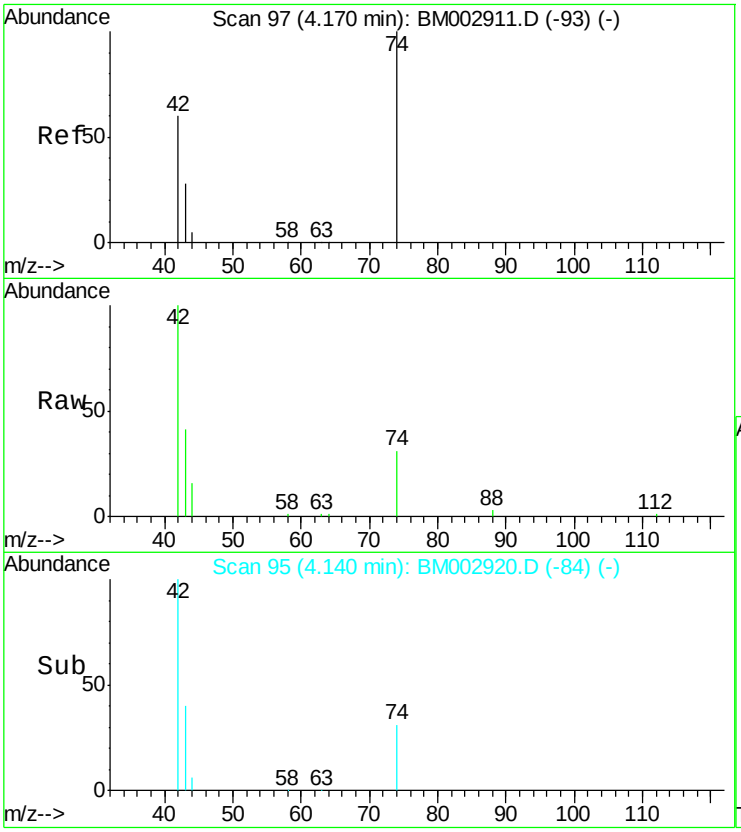




#2
1,4-Dioxane
Concen: 3.34 ng
RT: 3.77 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion: 88 Resp: 28970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 70.7 | 56.7 | 85.1 |
| 43 | 24.9 | 22.0 | 33.0 |



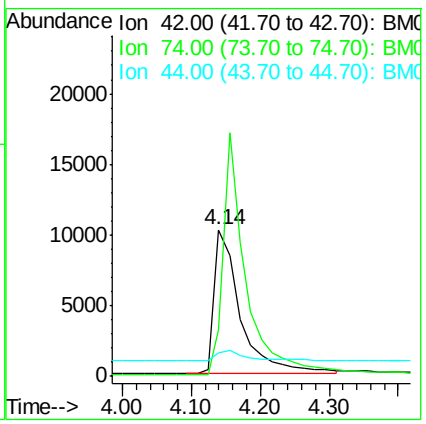


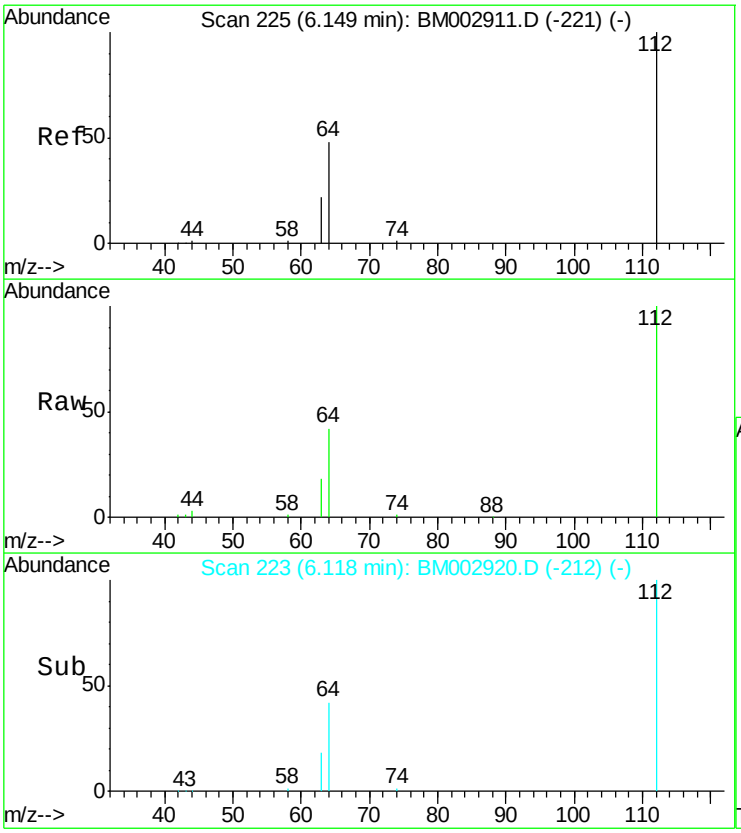

#3
n-Nitrosodimethylamine
Concen: 3.97 ng
RT: 4.14 min Scan# 95
Delta R.T. -0.03 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion: 42 Resp: 26820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 146.1 | 119.7 | 179.5 |
| 44 | 7.9 | 9.8 | 14.6# |

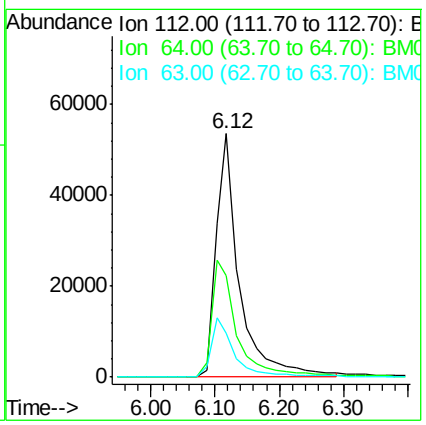


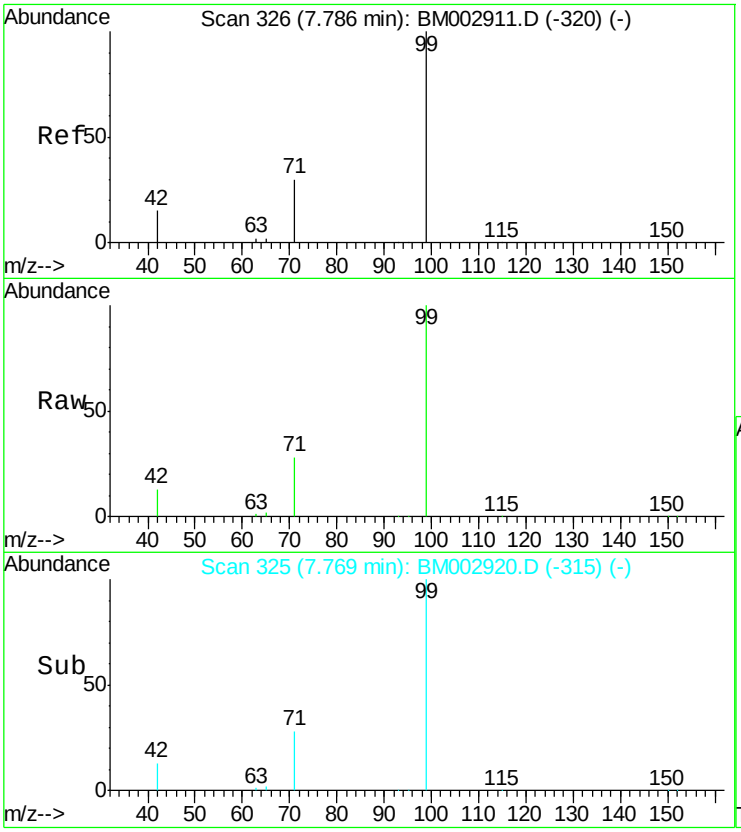




#4
2-Fluorophenol
Concen: 7.58 ng
RT: 6.12 min Scan# 223
Delta R.T. -0.03 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:112 Resp: 134854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.6 | 42.0 | 63.0 |
| 63 | 24.5 | 20.0 | 30.0 |



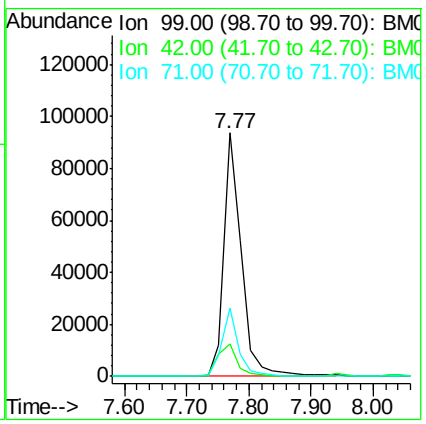


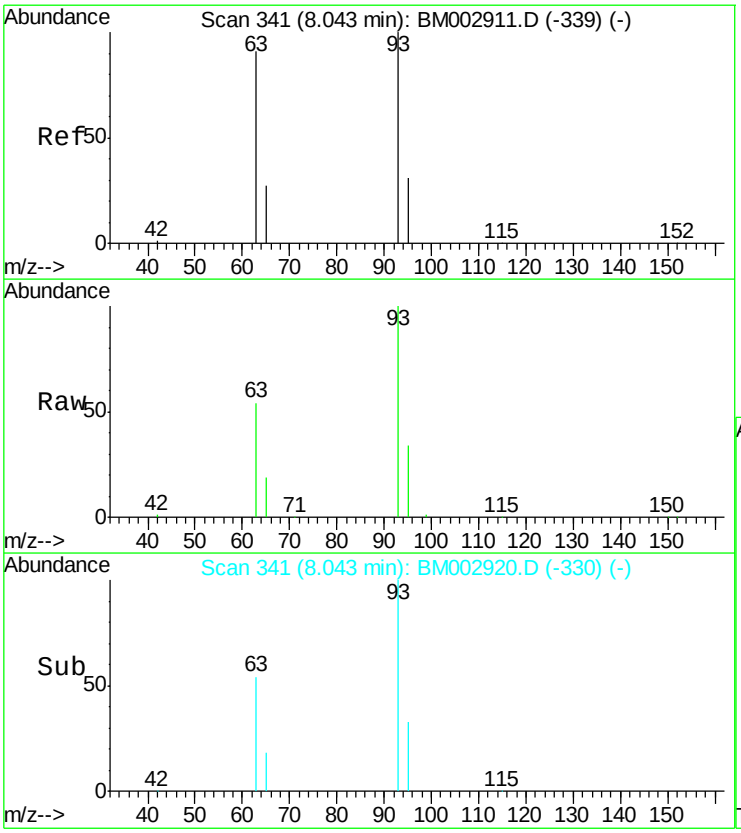

#5
Phenol-d6
Concen: 8.08 ng
RT: 7.77 min Scan# 325
Delta R.T. -0.03 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion: 99 Resp: 183472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.1 | 12.4 | 18.6 |
| 71 | 26.4 | 21.4 | 32.0 |

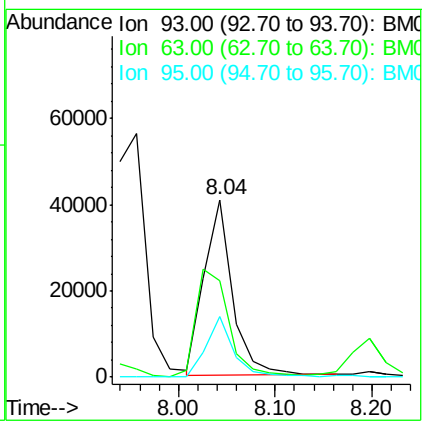


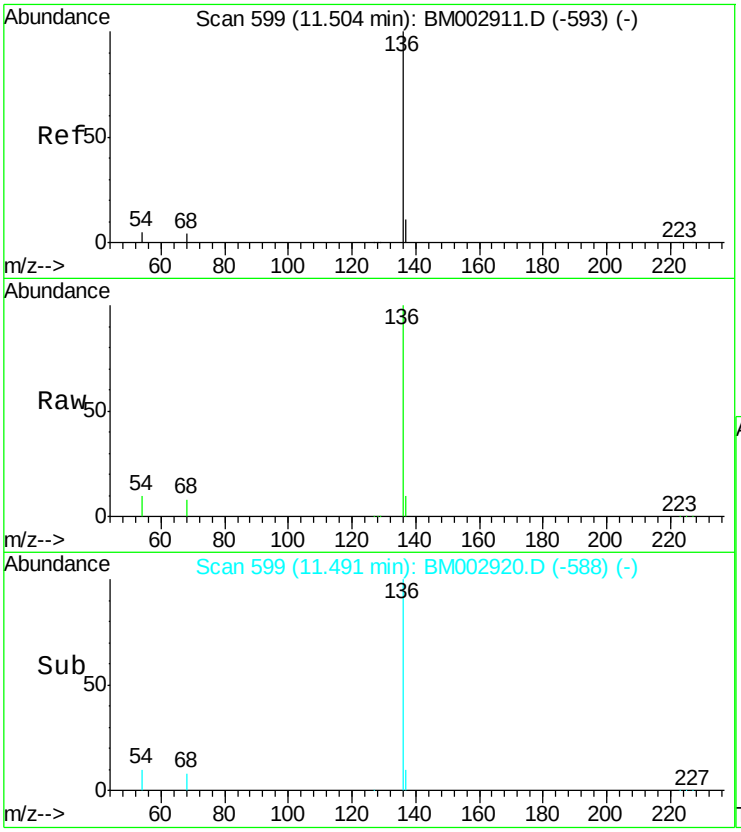




#6
bis(2-Chloroethyl)ether
Concen: 3.83 ng
RT: 8.04 min Scan# 341
Delta R.T. -0.02 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion: 93 Resp: 83031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.9 | 52.9 | 79.3 |
| 95 | 32.6 | 25.2 | 37.8 |



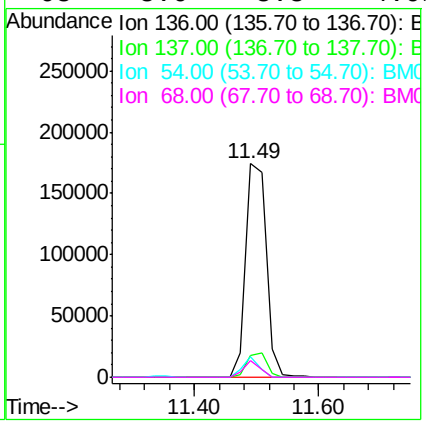


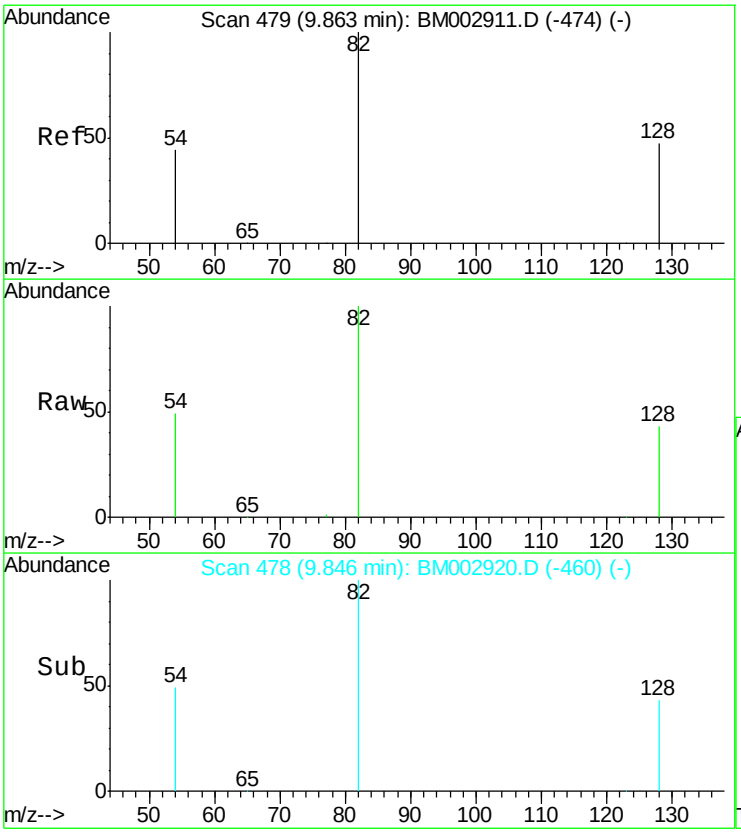

#7
Naphthalene-d8
Concen: 5.00 ng
RT: 11.49 min Scan# 599
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:136 Resp: 399002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.1 | 9.1 | 13.7 |
| 54 | 9.7 | 3.5 | 5.3# |
| 68 | 8.0 | 3.3 | 4.9# |

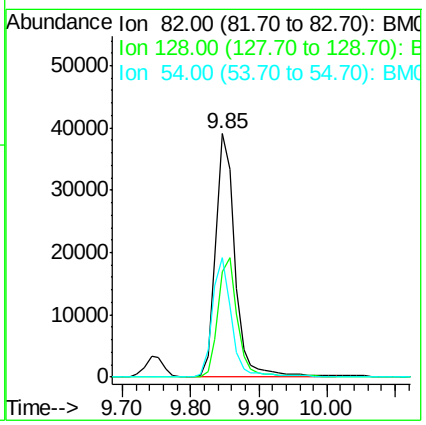


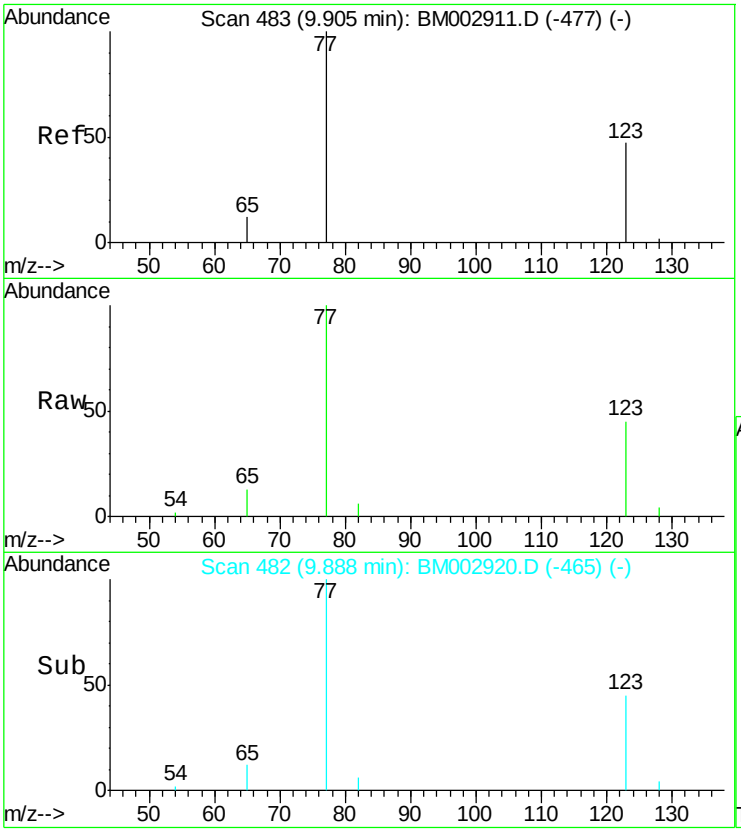




#8
Nitrobenzene-d5
Concen: 3.93 ng
RT: 9.85 min Scan# 478
Delta R.T. -0.02 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion: 82 Resp: 75142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.5 | 34.1 | 51.1 |
| 54 | 49.0 | 42.6 | 63.8 |



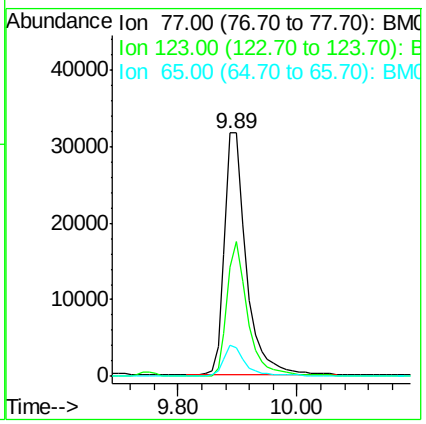


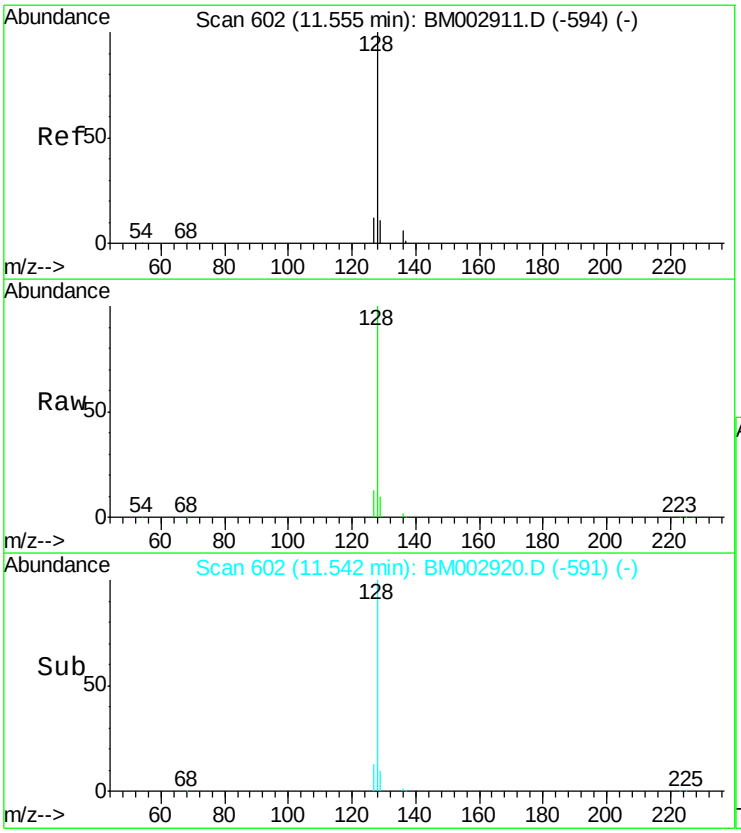

#9
Nitrobenzene
Concen: 3.95 ng
RT: 9.89 min Scan# 482
Delta R.T. -0.03 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion: 77 Resp: 79957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 52.1 | 41.0 | 61.4 |
| 65 | 12.1 | 9.7 | 14.5 |

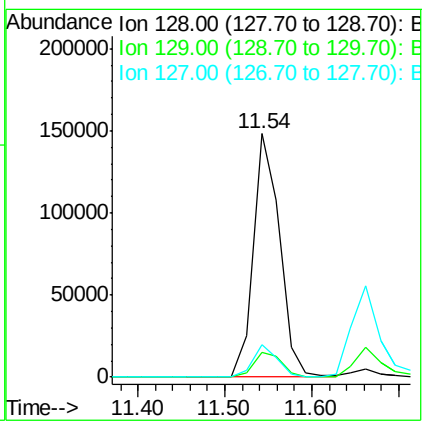


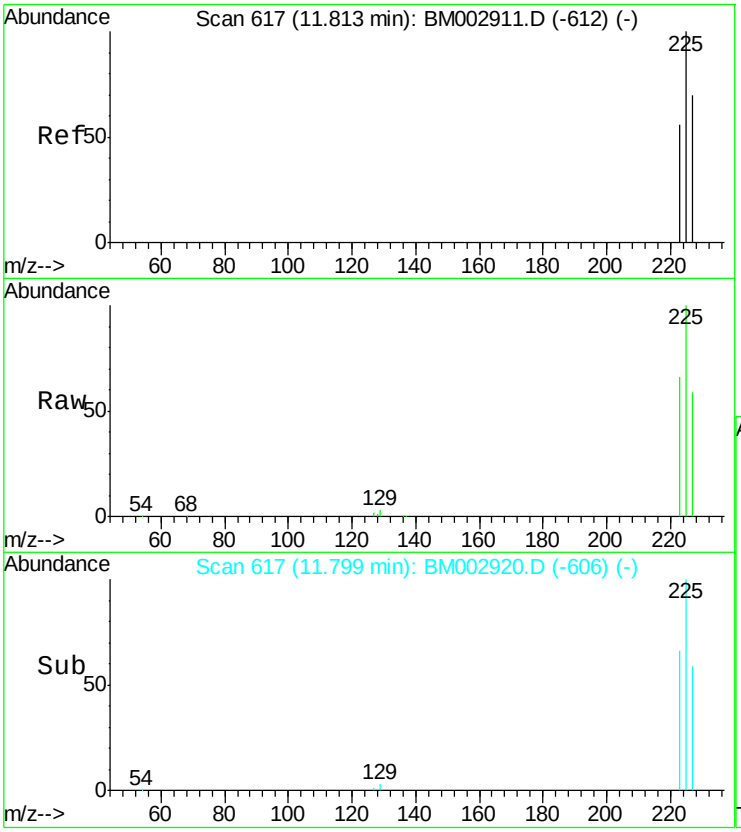




#10
Naphthalene
Concen: 3.53 ng
RT: 11.54 min Scan# 602
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:128 Resp: 313060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.4 | 9.4 | 14.2 |
| 127 | 13.4 | 9.6 | 14.4 |



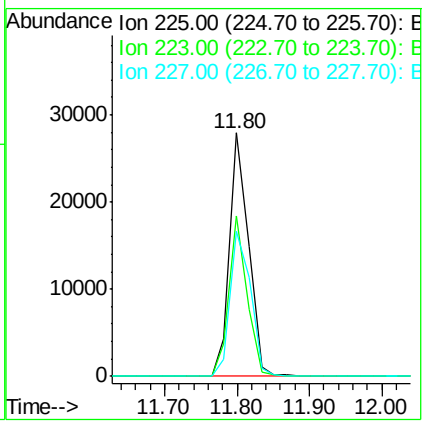


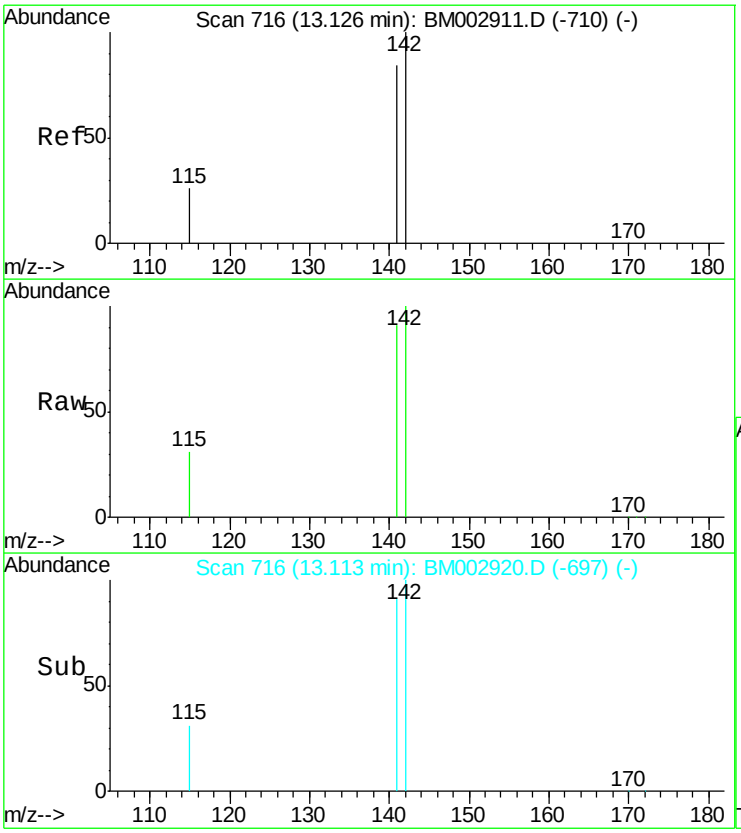

#11
Hexachlorobutadiene
Concen: 3.48 ng
RT: 11.80 min Scan# 617
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:225 Resp: 49673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.8 | 50.1 | 75.1 |
| 227 | 64.1 | 51.2 | 76.8 |

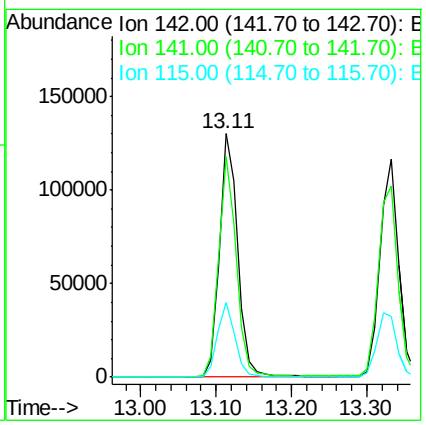


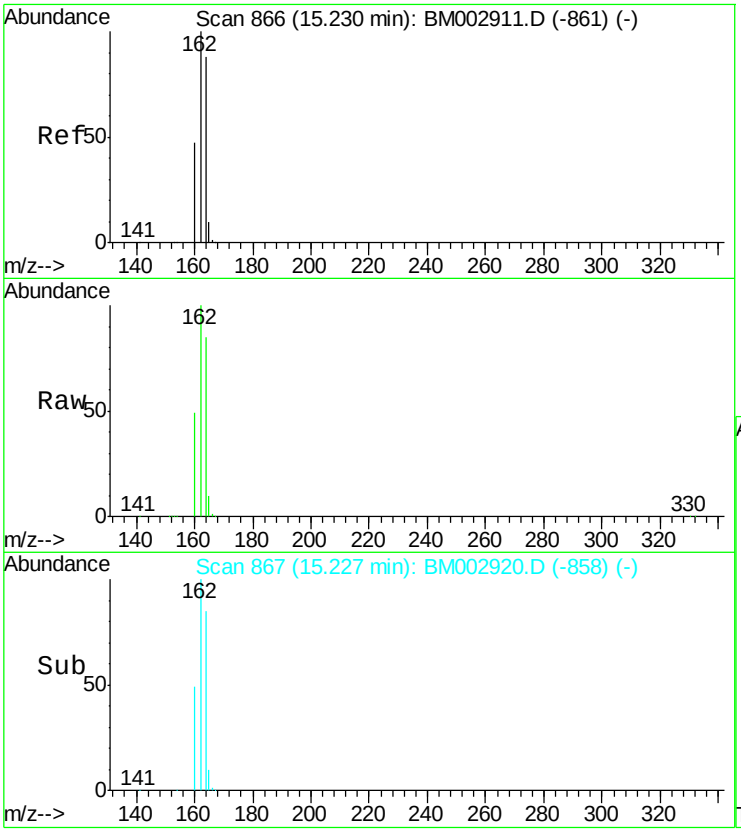




#12
2-Methylnaphthalene
Concen: 3.71 ng
RT: 13.11 min Scan# 716
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:142 Resp: 221714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.6 | 69.4 | 104.0 |
| 115 | 30.6 | 22.7 | 34.1 |



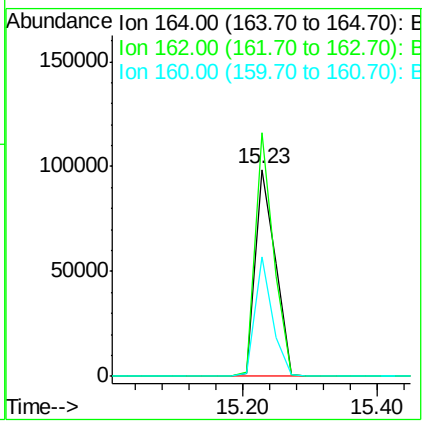


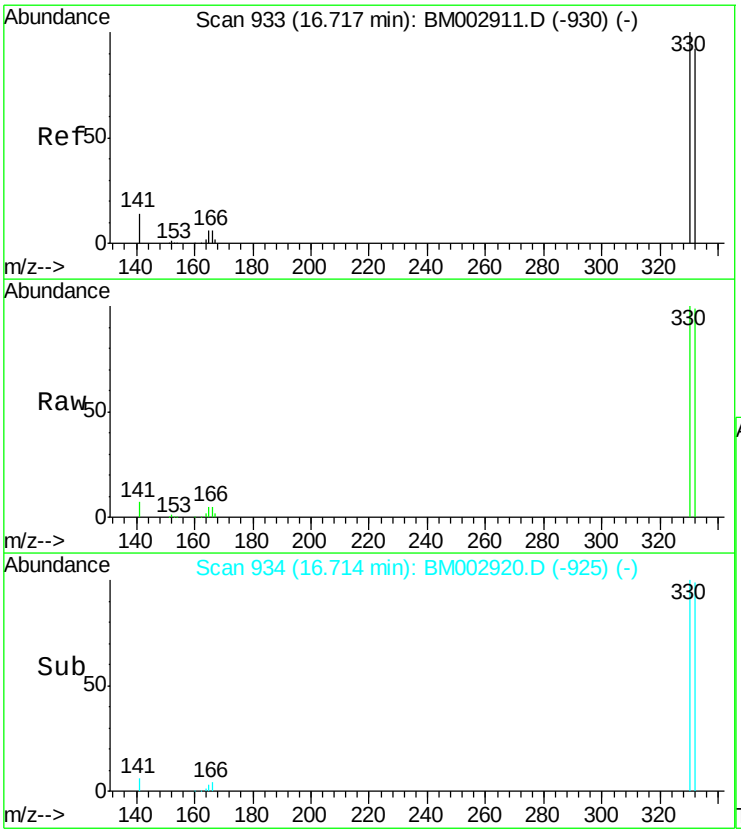

#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 15.23 min Scan# 867
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:164 Resp: 205223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 117.9 | 79.6 | 119.4 |
| 160 | 57.9 | 33.1 | 49.7# |

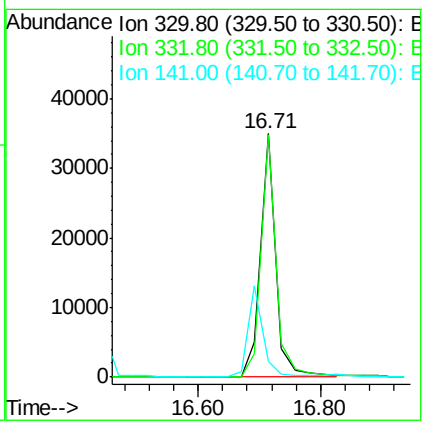


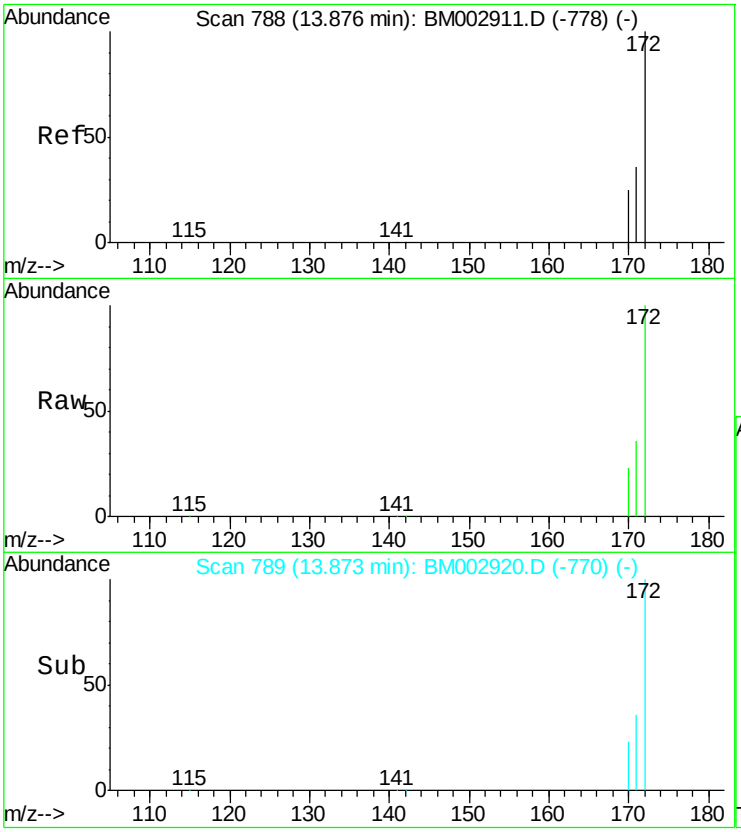




#14
2,4,6-Tribromophenol
Concen: 7.66 ng
RT: 16.71 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:330 Resp: 61446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 76.6 | 115.0 |
| 141 | 0.0 | 0.0 | 0.0 |



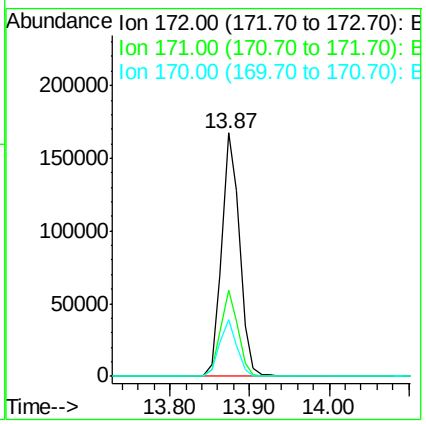


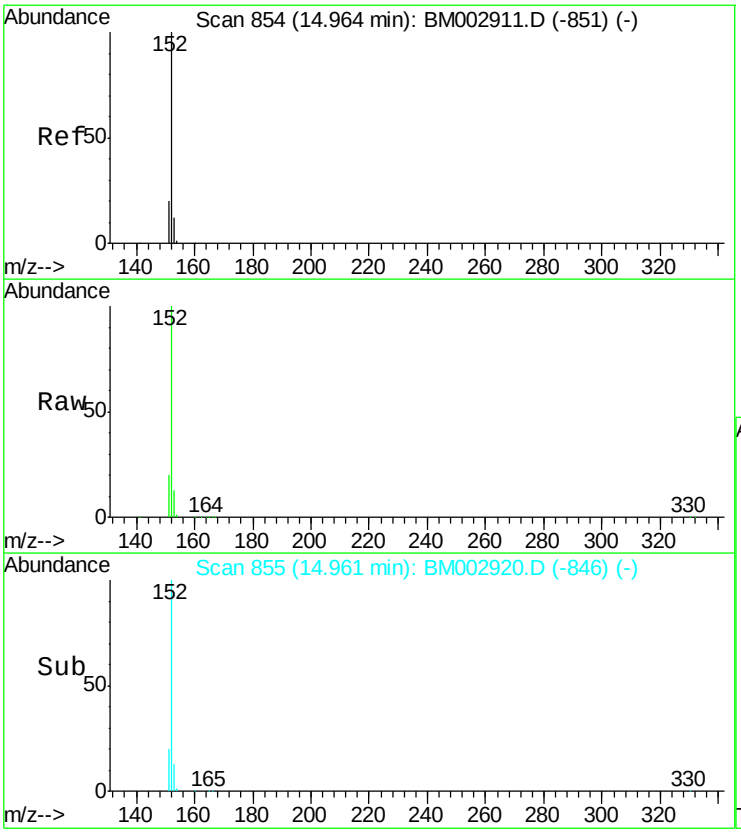

#15
2-Fluorobiphenyl
Concen: 3.96 ng
RT: 13.87 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:172 Resp: 260311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 26.1 | 39.1 |
| 170 | 23.4 | 15.7 | 23.5 |

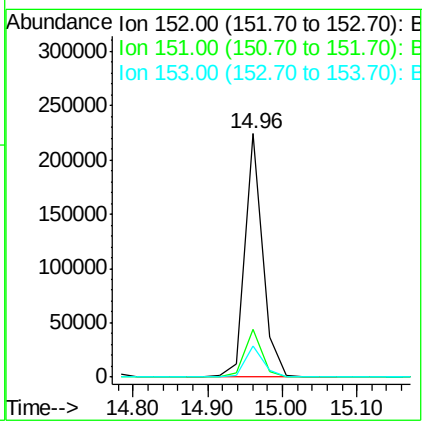


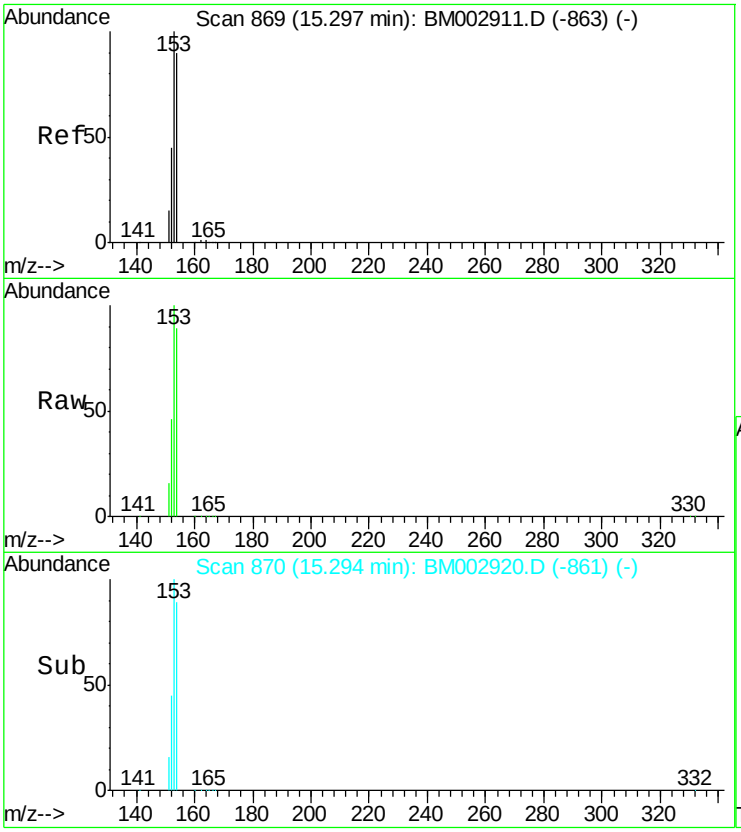




#16
Acenaphthylene
Concen: 4.12 ng
RT: 14.96 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:152 Resp: 369972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 15.3 | 22.9 |
| 153 | 12.9 | 10.5 | 15.7 |



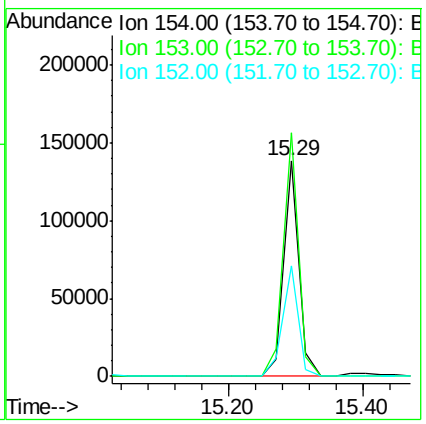


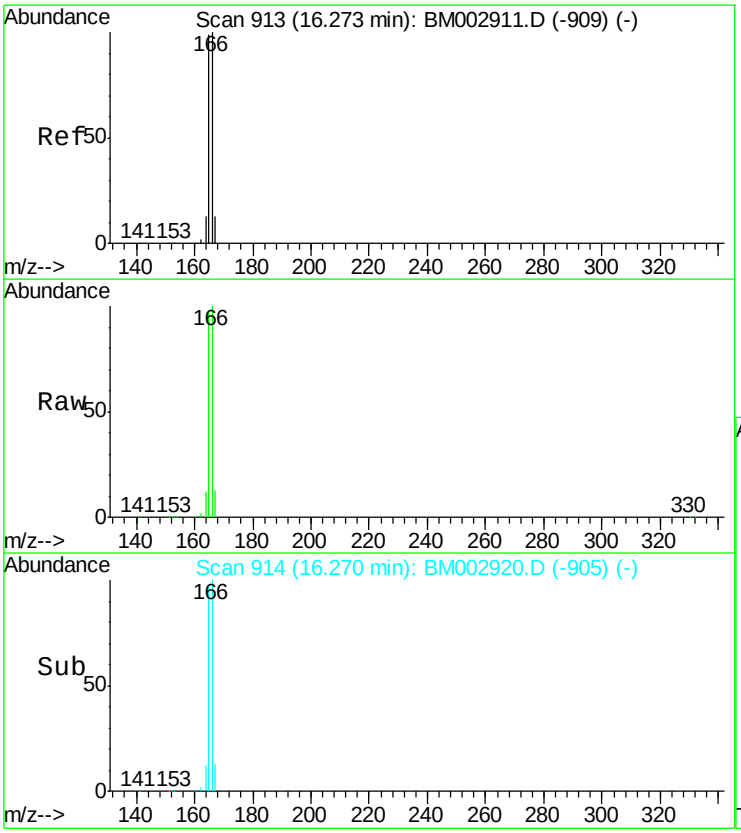

#17
Acenaphthene
Concen: 3.59 ng
RT: 15.29 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:154 Resp: 220594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.7 | 0.0 | 0.0# |
| 152 | 52.5 | 0.0 | 0.0# |

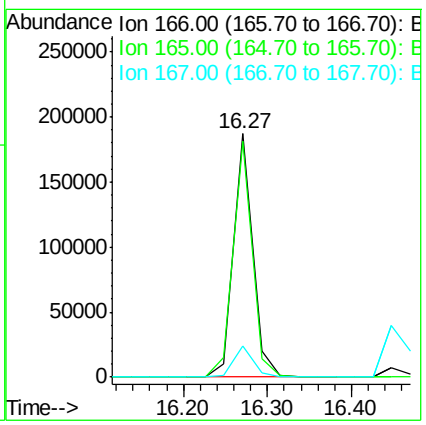


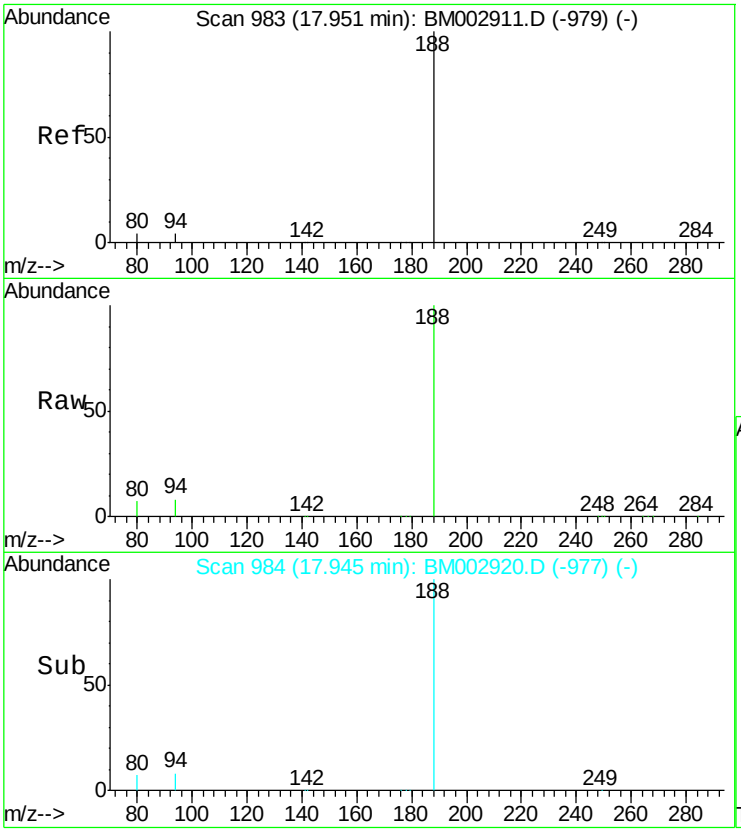




#18
Fluorene
Concen: 3.98 ng
RT: 16.27 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:166 Resp: 291682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.8 | 77.3 | 115.9 |
| 167 | 13.4 | 10.9 | 16.3 |



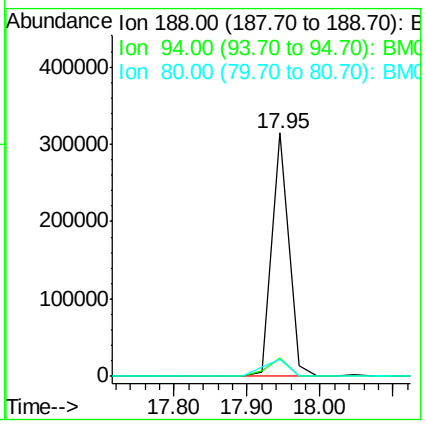


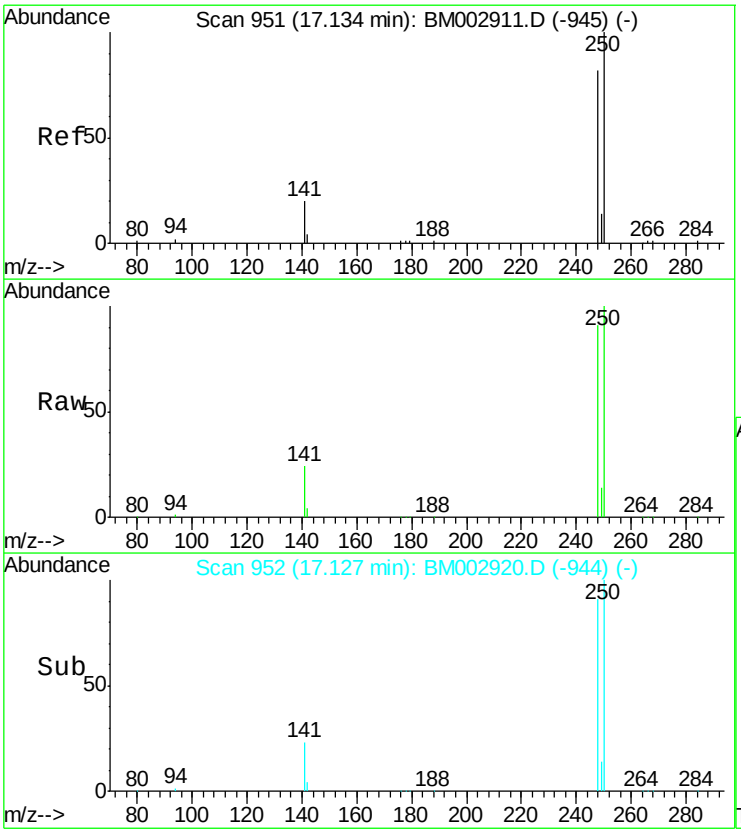

#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.95 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:188 Resp: 512732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.6 | 15.2 | 22.8# |
| 80 | 6.9 | 15.9 | 23.9# |

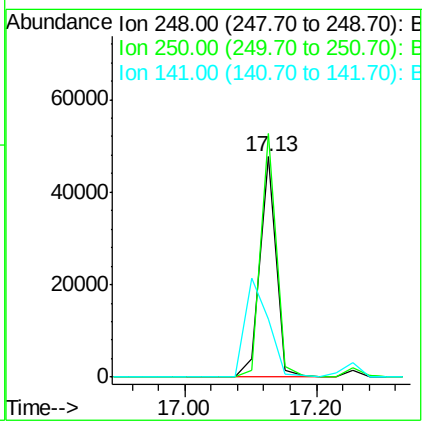


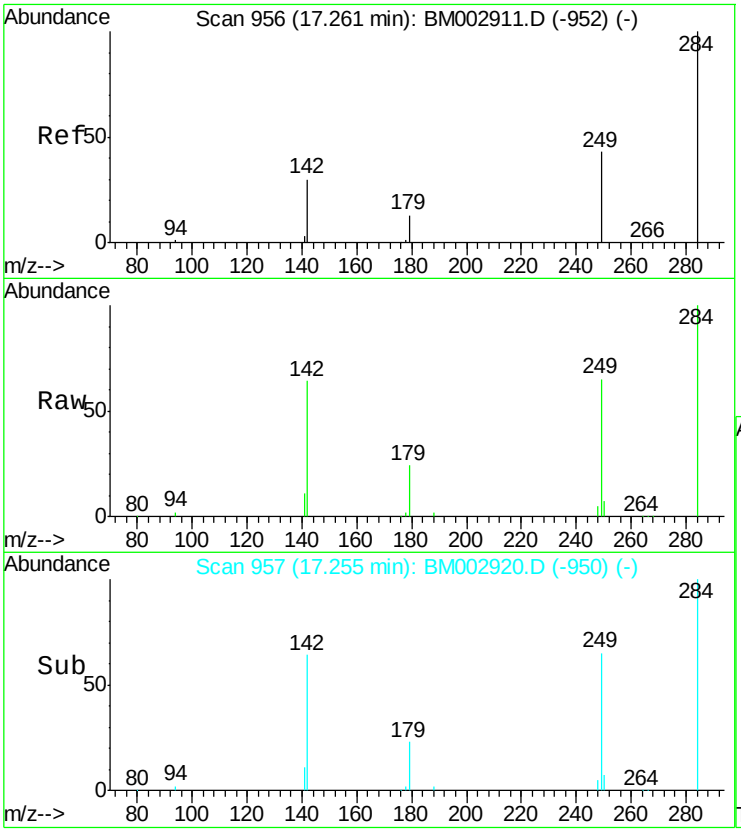




#20
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 17.13 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:248 Resp: 81741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 106.3 | 71.4 | 107.2 |
| 141 | 0.0 | 54.6 | 82.0# |



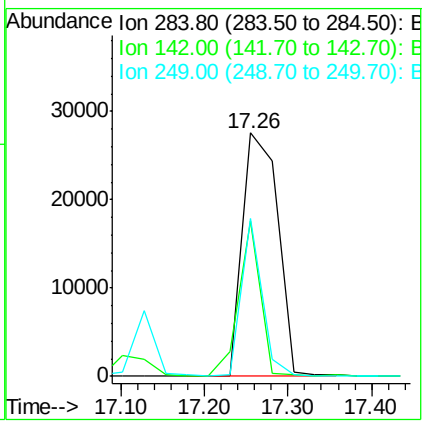


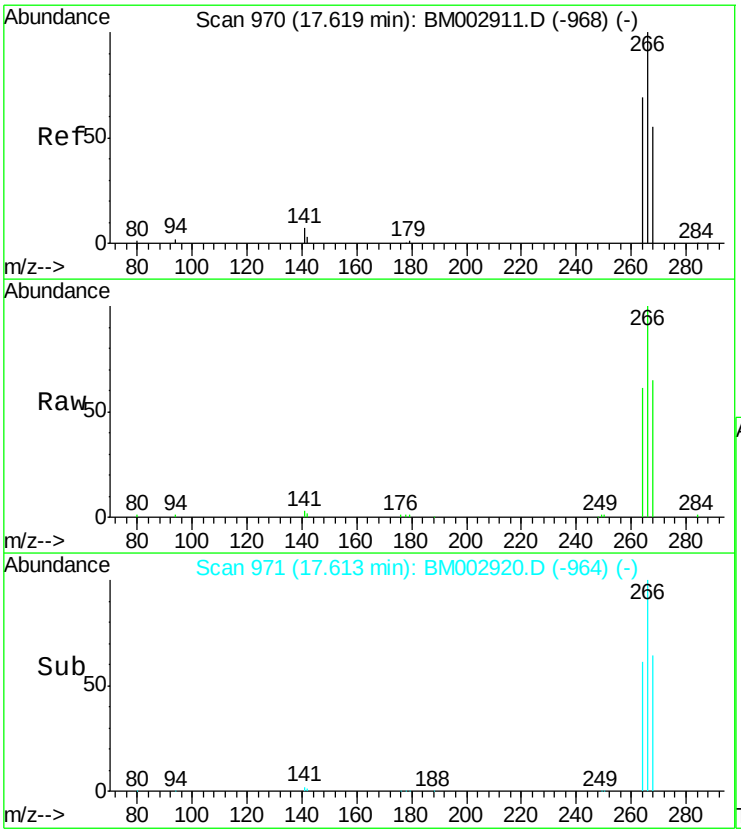

#21
Hexachlorobenzene
Concen: 4.00 ng
RT: 17.26 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:284 Resp: 80609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 39.2 | 0.0 | 0.0# |
| 249 | 37.5 | 20.7 | 31.1# |

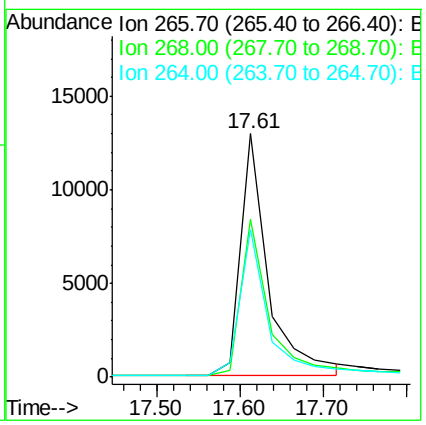


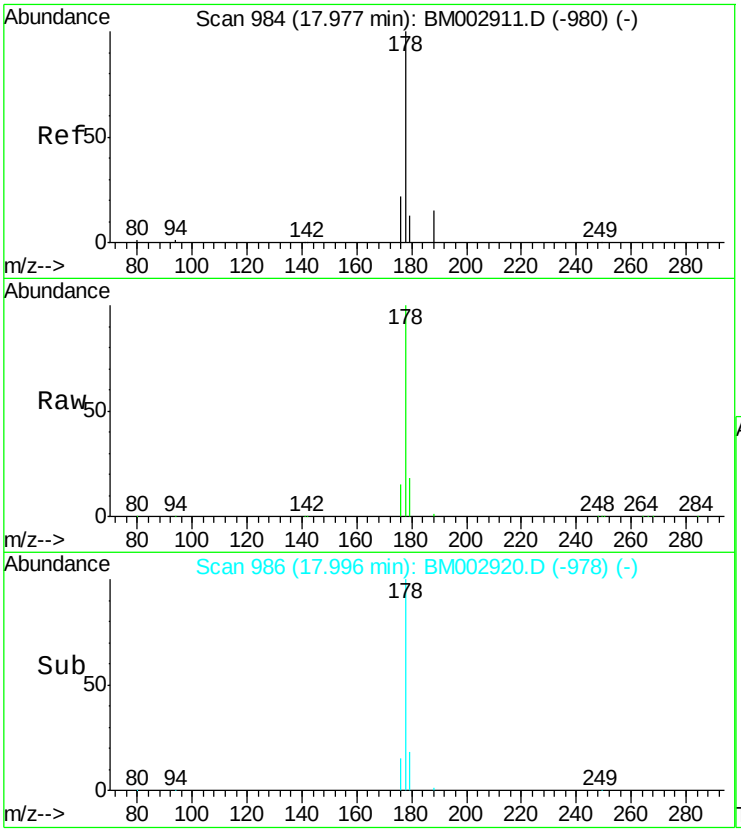




#22
Pentachlorophenol
Concen: 12.53 ng
RT: 17.61 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:266 Resp: 30116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.7 | 58.3 | 87.5 |
| 264 | 60.8 | 54.2 | 81.2 |



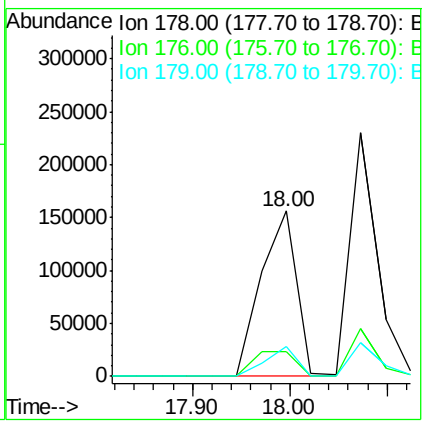


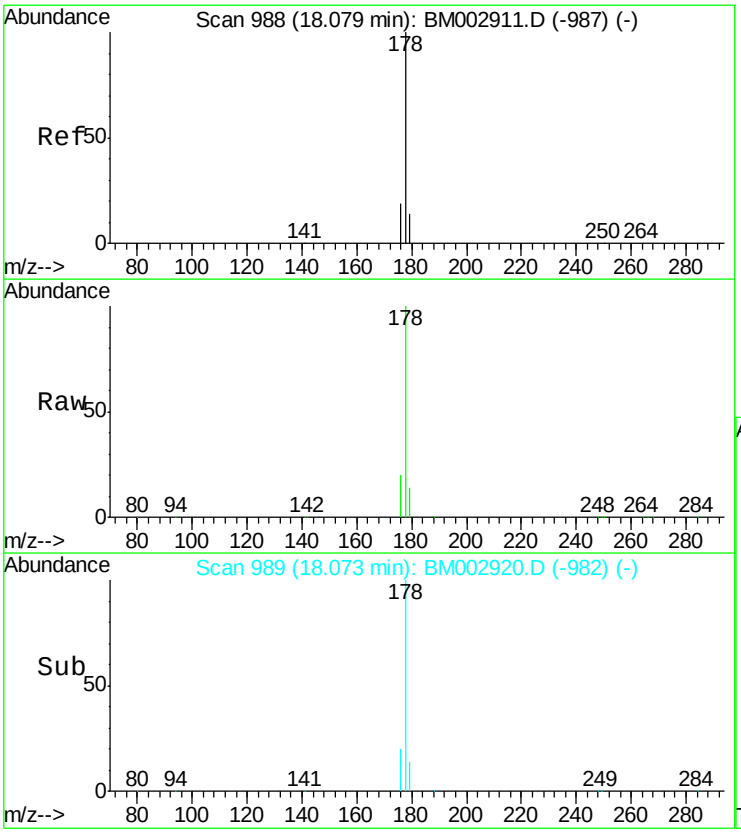

#23
Phenanthrene
Concen: 3.34 ng
RT: 18.00 min Scan# 986
Delta R.T. 0.02 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:178 Resp: 399103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.4 | 14.6 | 21.8 |
| 179 | 15.6 | 12.5 | 18.7 |

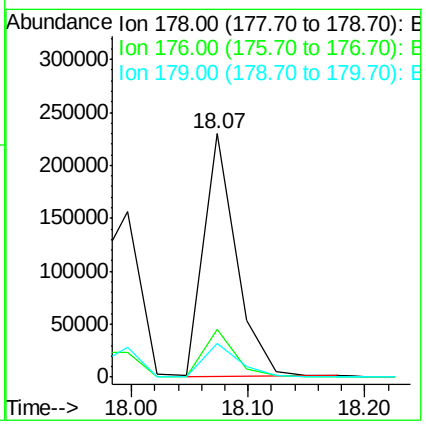


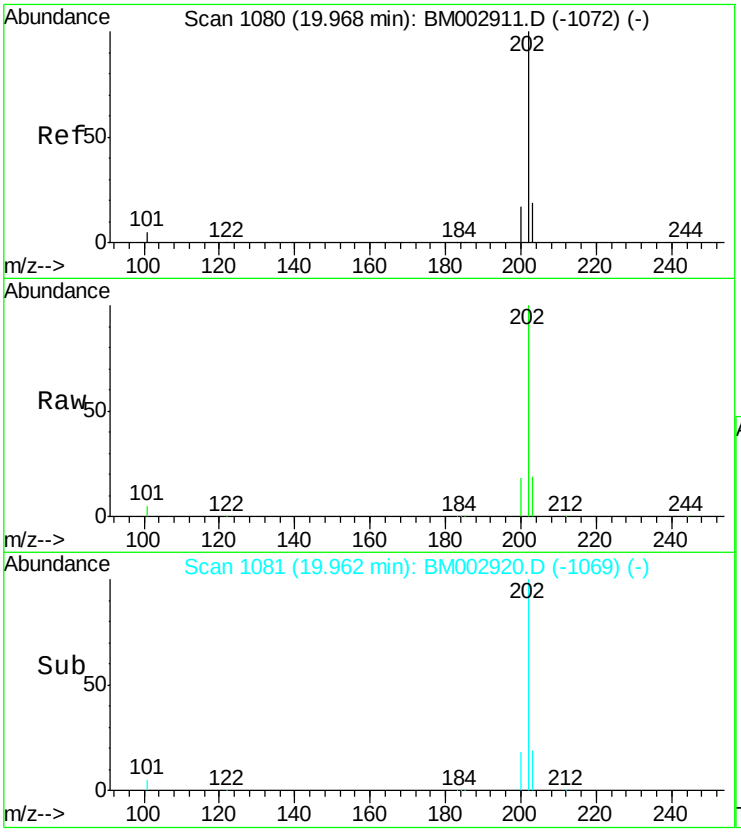




#24
Anthracene
Concen: 3.87 ng
RT: 18.07 min Scan# 989
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:178 Resp: 440862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 13.9 | 20.9 |
| 179 | 14.7 | 12.6 | 18.8 |



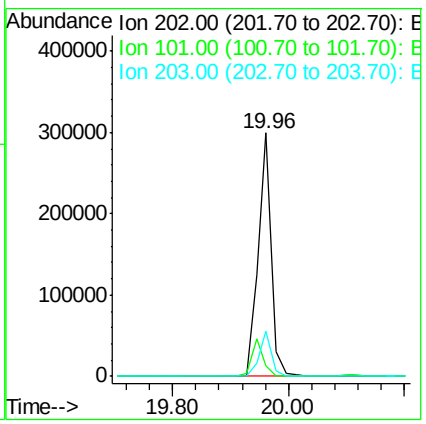


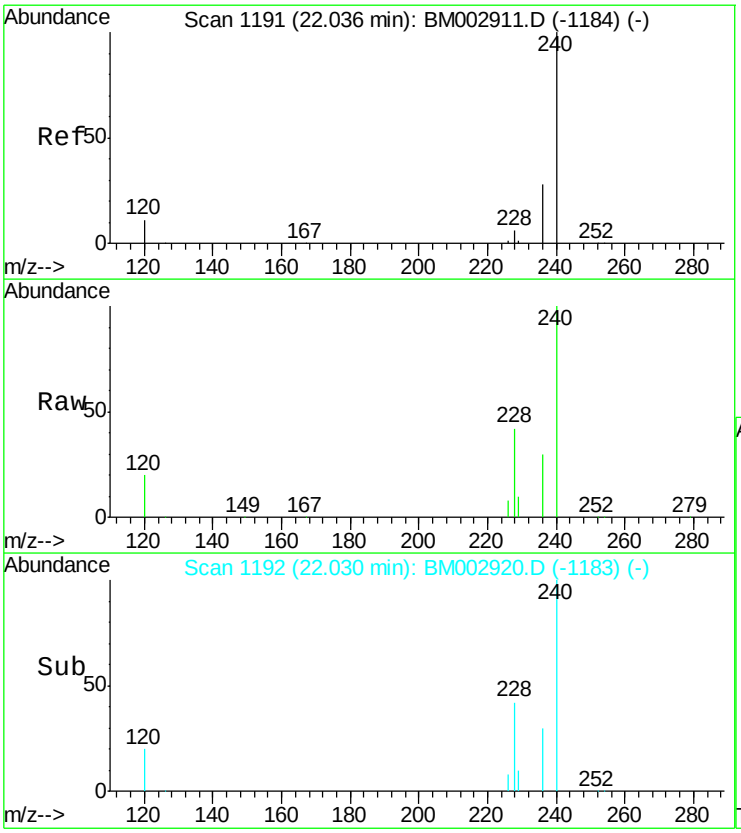

#25
Fluoranthene
Concen: 3.61 ng
RT: 19.96 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:202 Resp: 476827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.0 | 11.0 | 16.6 |
| 203 | 17.6 | 13.8 | 20.6 |

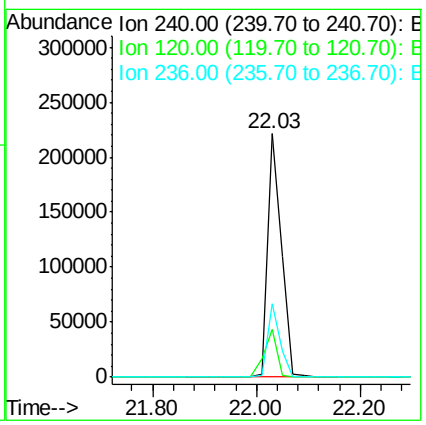


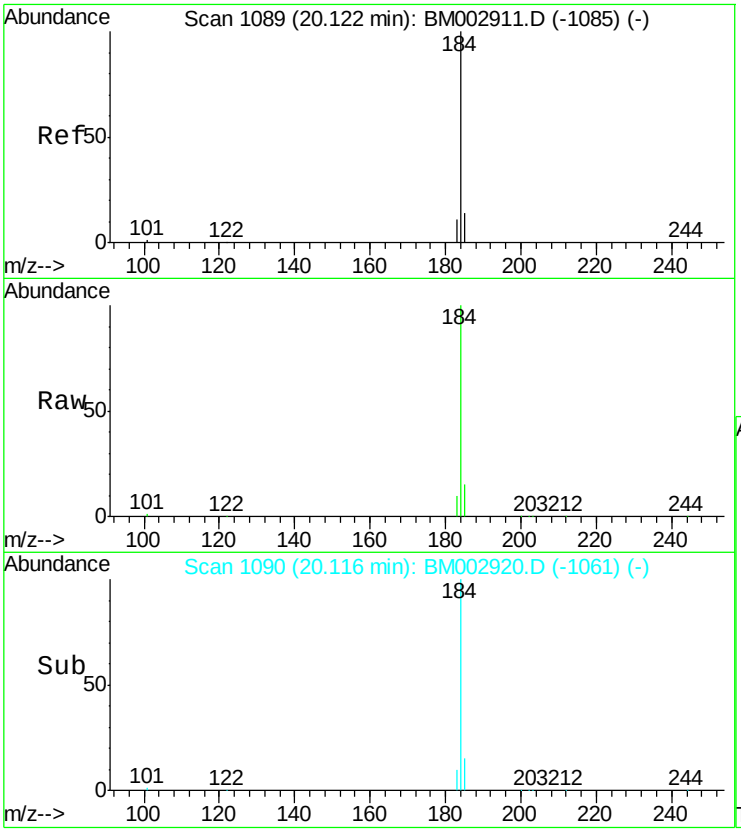




#26
Chrysene-d12
Concen: 5.00 ng
RT: 22.03 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:240 Resp: 416083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 19.9 | 3.3 | 4.9# |
| 236 | 30.4 | 19.5 | 29.3# |



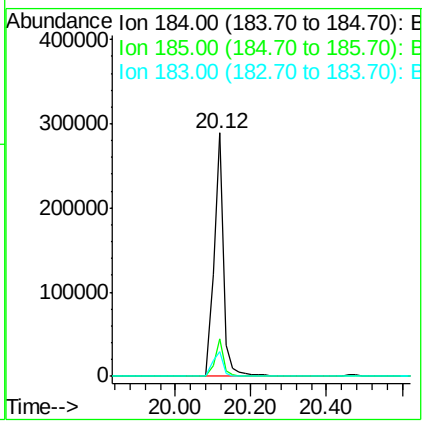


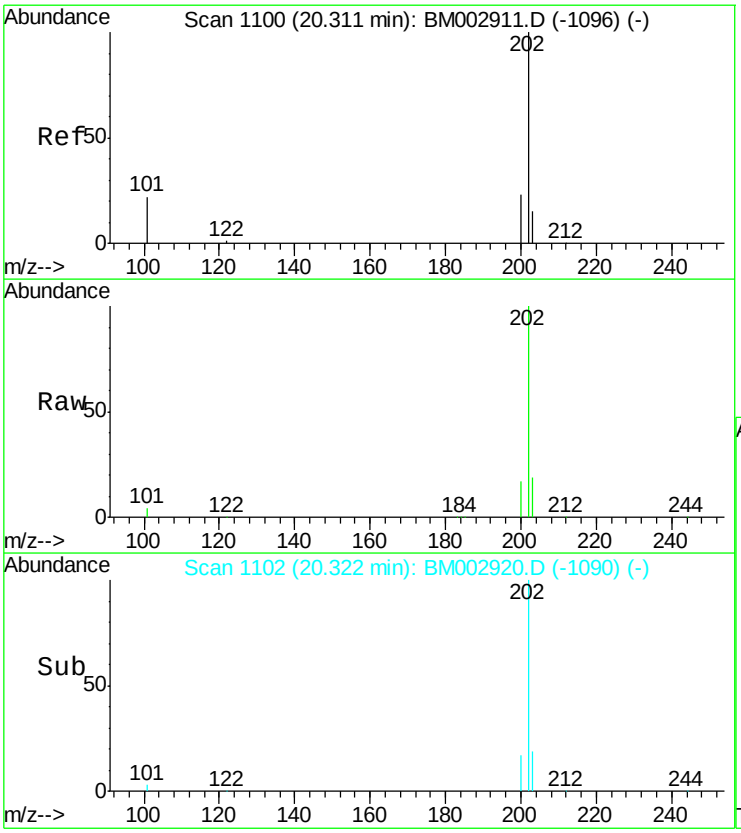

#27
Benzidine
Concen: 7.97 ng
RT: 20.12 min Scan# 1090
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:184 Resp: 490284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.4 | 12.0 | 18.0 |
| 183 | 10.0 | 8.9 | 13.3 |

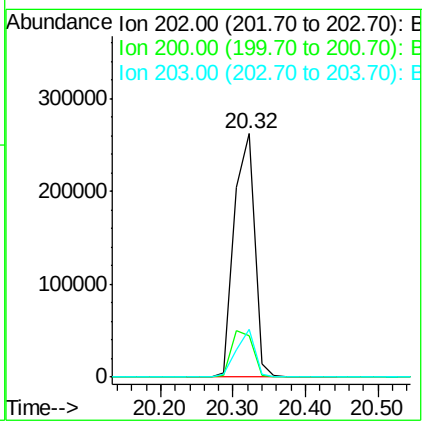


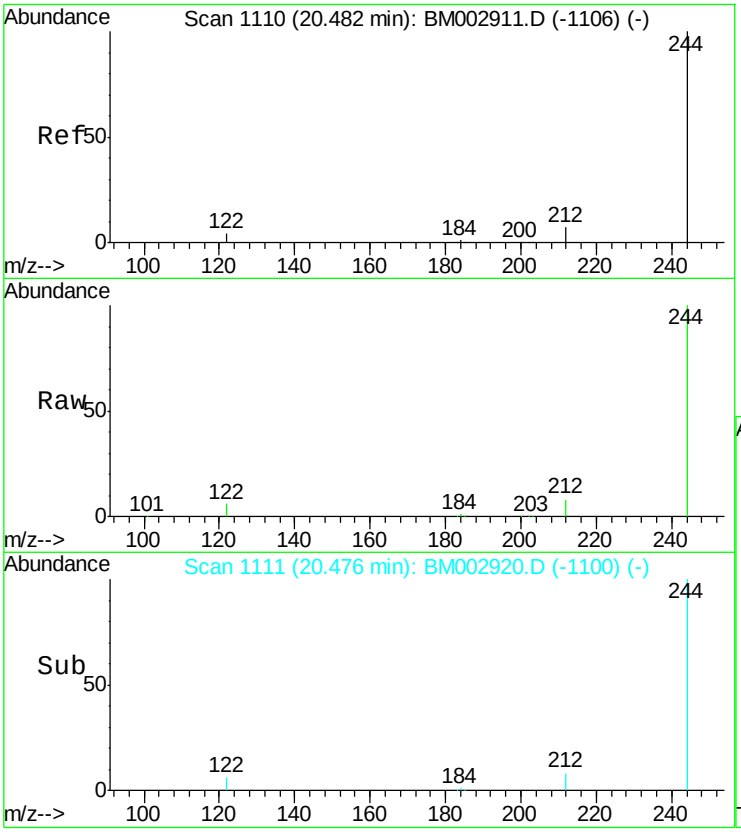




#28
Pyrene
Concen: 4.09 ng
RT: 20.32 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:202 Resp: 502269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.4 | 16.2 | 24.4 |
| 203 | 17.9 | 13.8 | 20.8 |



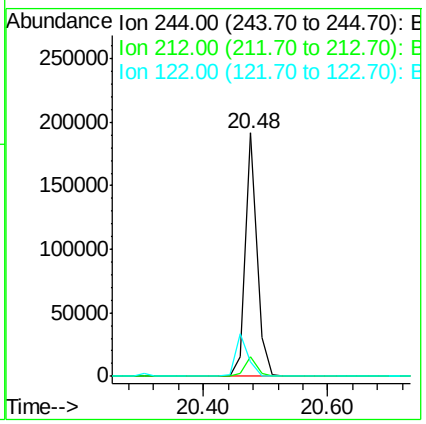


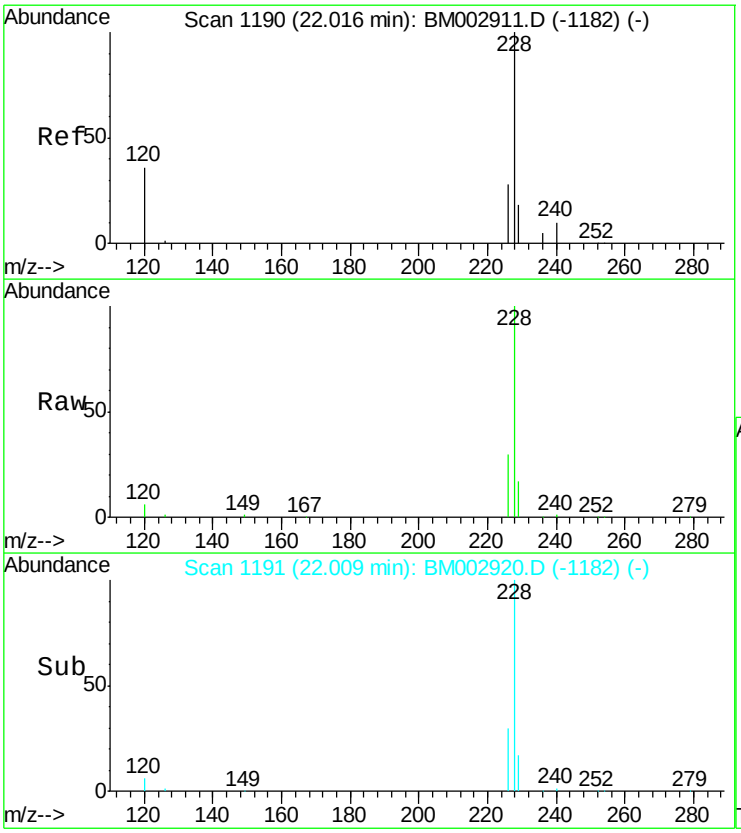

#29
Terphenyl-d14
Concen: 3.99 ng
RT: 20.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:244 Resp: 248358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 5.6 | 8.4 |
| 122 | 6.2 | 2.2 | 3.2# |

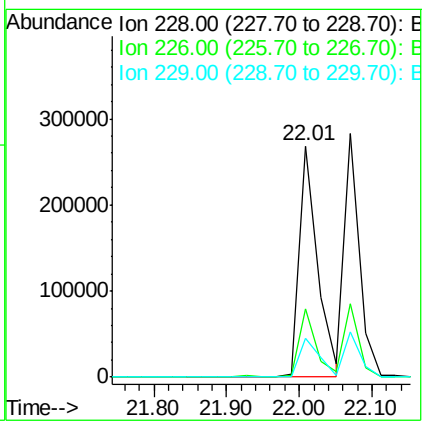


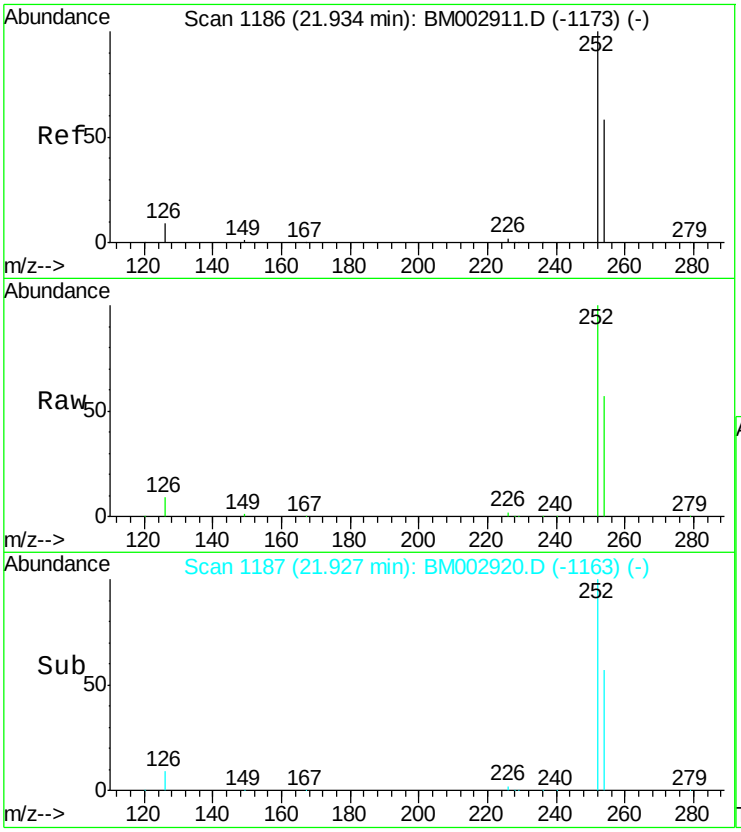




#30
Benzo(a)anthracene
Concen: 3.89 ng
RT: 22.01 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:228 Resp: 467715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 19.0 | 28.6# |
| 229 | 16.9 | 16.8 | 25.2 |



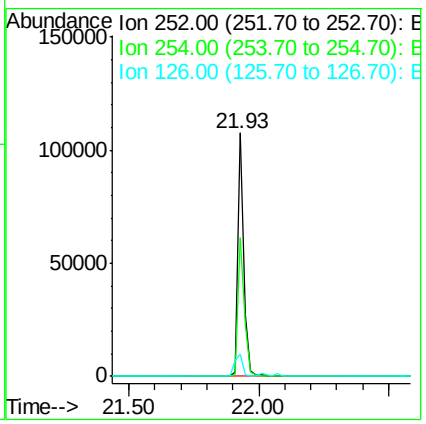


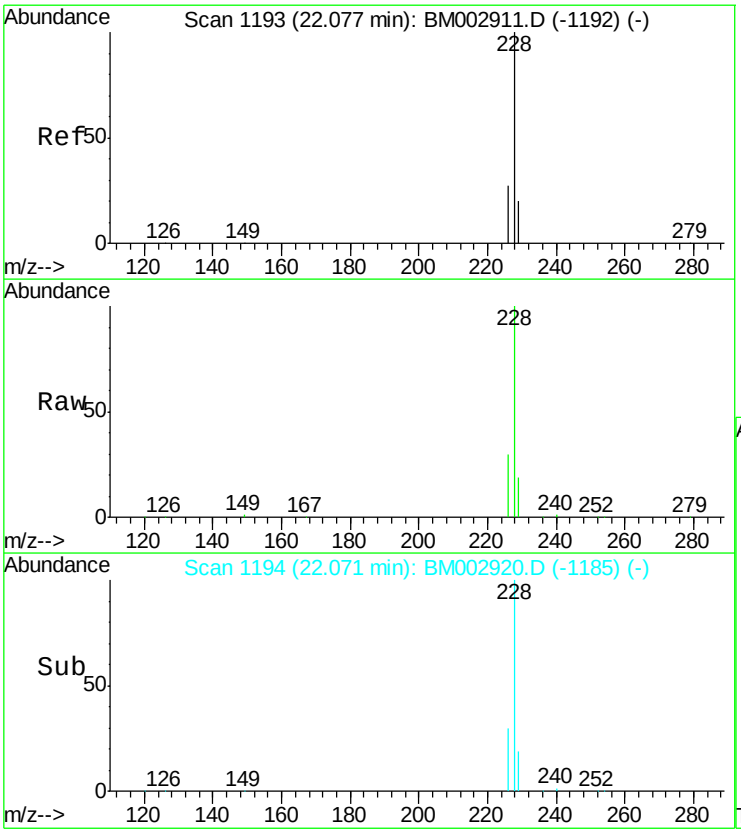

#31
3,3'-Dichlorobenzidine
Concen: 4.29 ng
RT: 21.93 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:252 Resp: 174579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 57.0 | 54.1 | 81.1 |
| 126 | 9.0 | 4.1 | 6.1# |

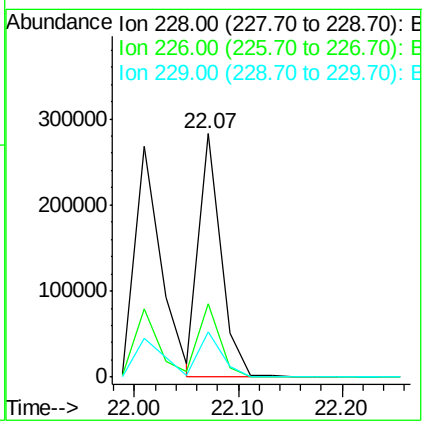


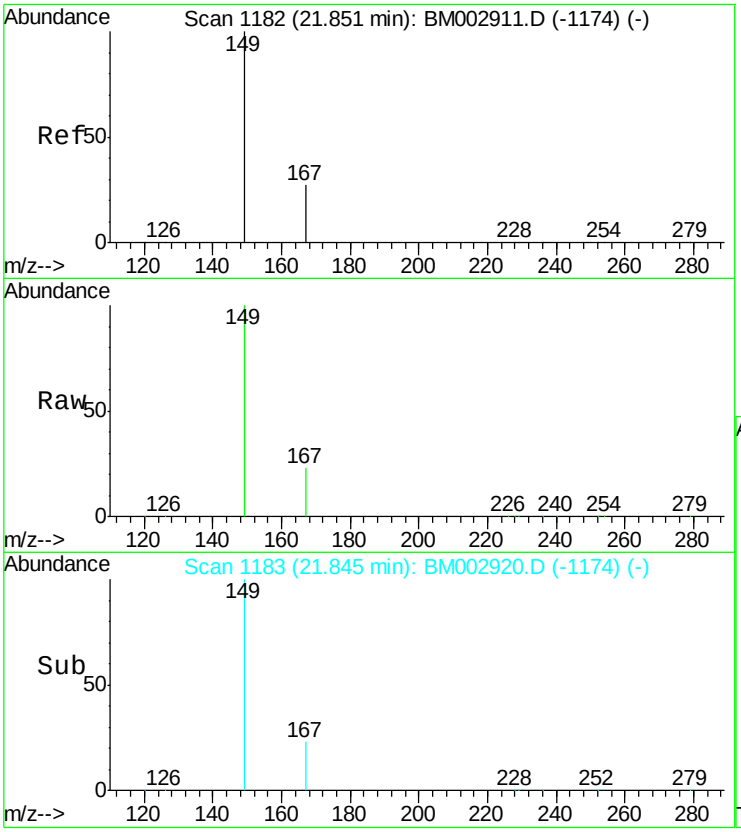




#32
Chrysene
Concen: 3.68 ng
RT: 22.07 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:228 Resp: 413380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 20.6 | 30.8 |
| 229 | 18.6 | 17.4 | 26.2 |



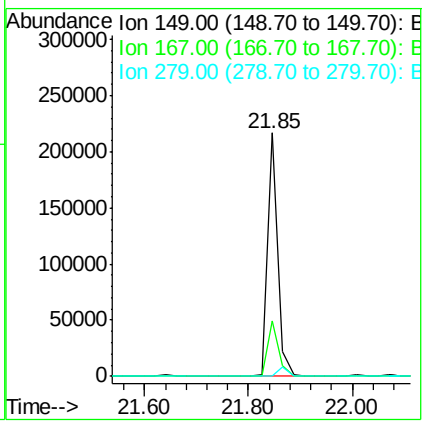


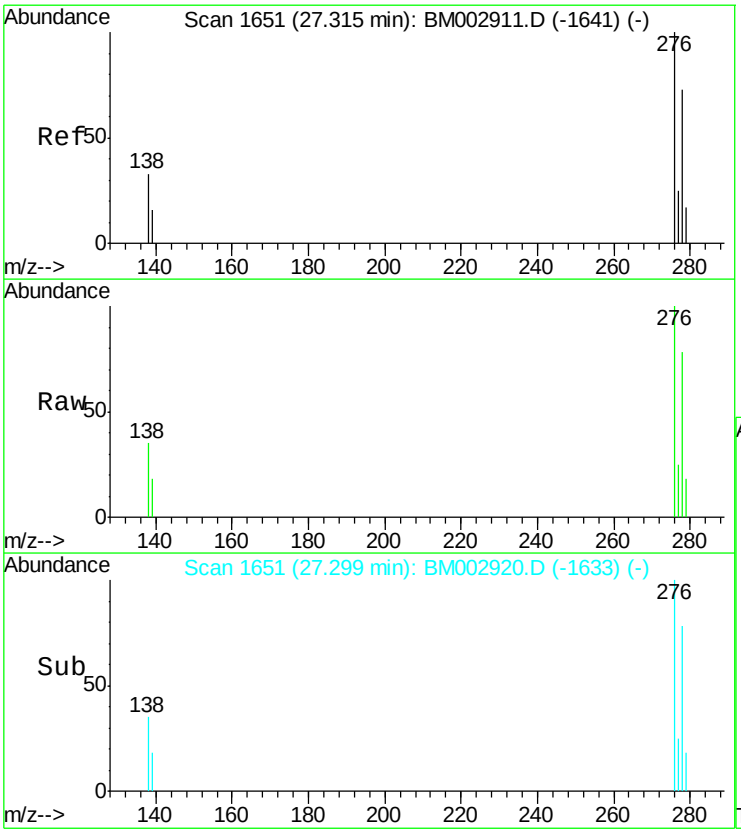

#33
Bis(2-ethylhexyl)phthalate
Concen: 3.29 ng
RT: 21.85 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:149 Resp: 295687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.7 | 17.2 | 25.8 |
| 279 | 0.0 | 2.2 | 3.4# |

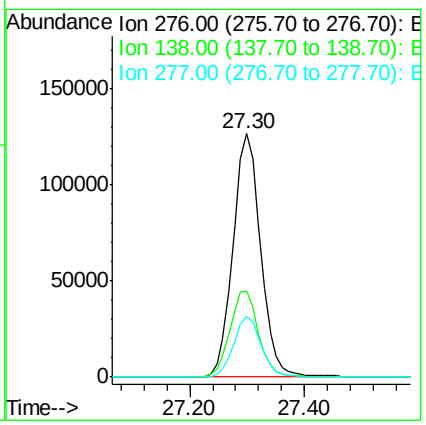


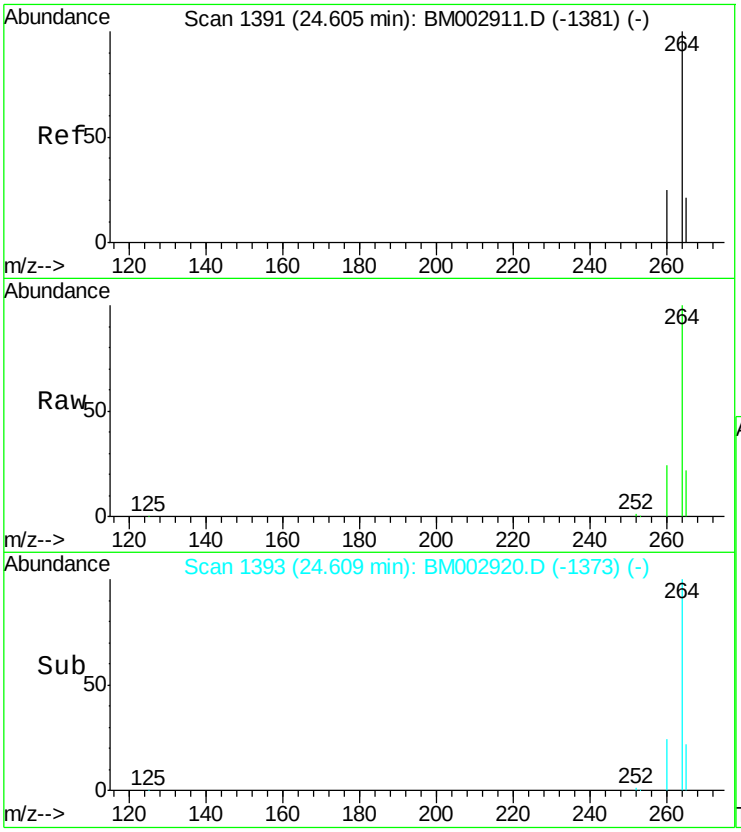




#34
Indeno(1,2,3-cd)pyrene
Concen: 3.67 ng
RT: 27.30 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:276 Resp: 425004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 36.4 | 29.0 | 43.6 |
| 277 | 24.8 | 19.8 | 29.8 |



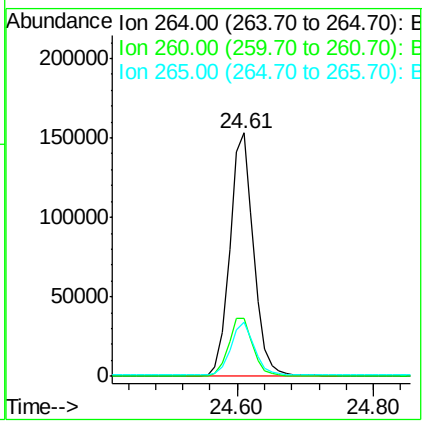


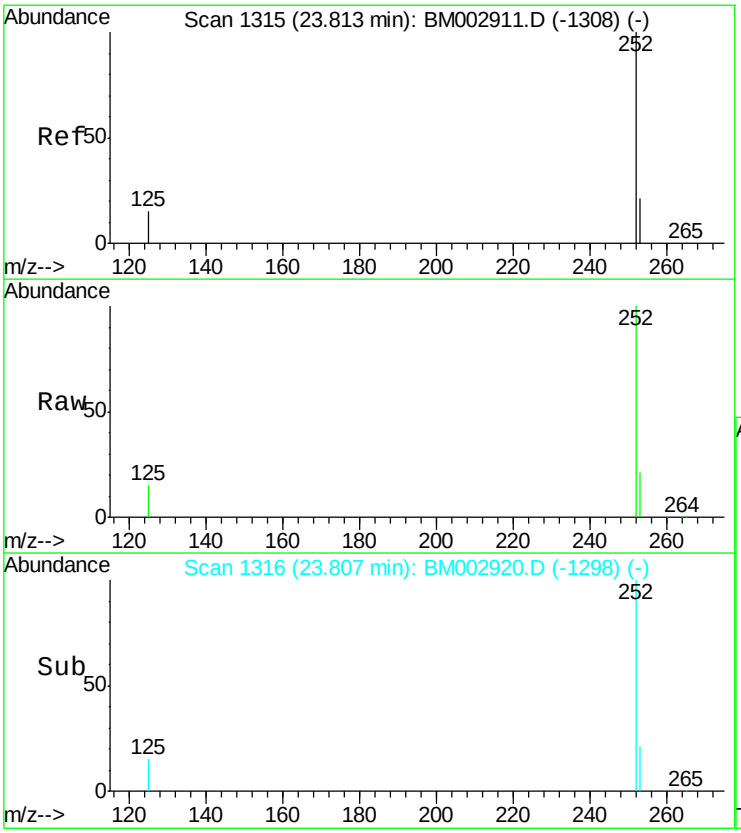

#35
Perylene-d12
Concen: 5.00 ng
RT: 24.61 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:264 Resp: 369443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 20.1 | 30.1 |
| 265 | 22.2 | 17.6 | 26.4 |

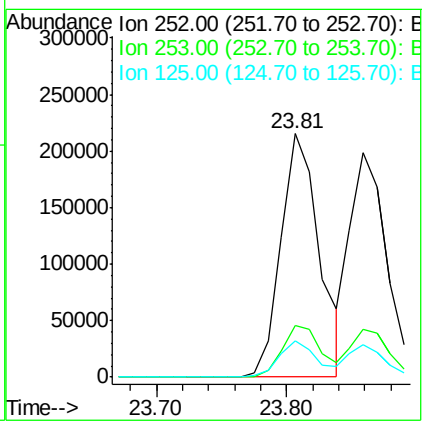


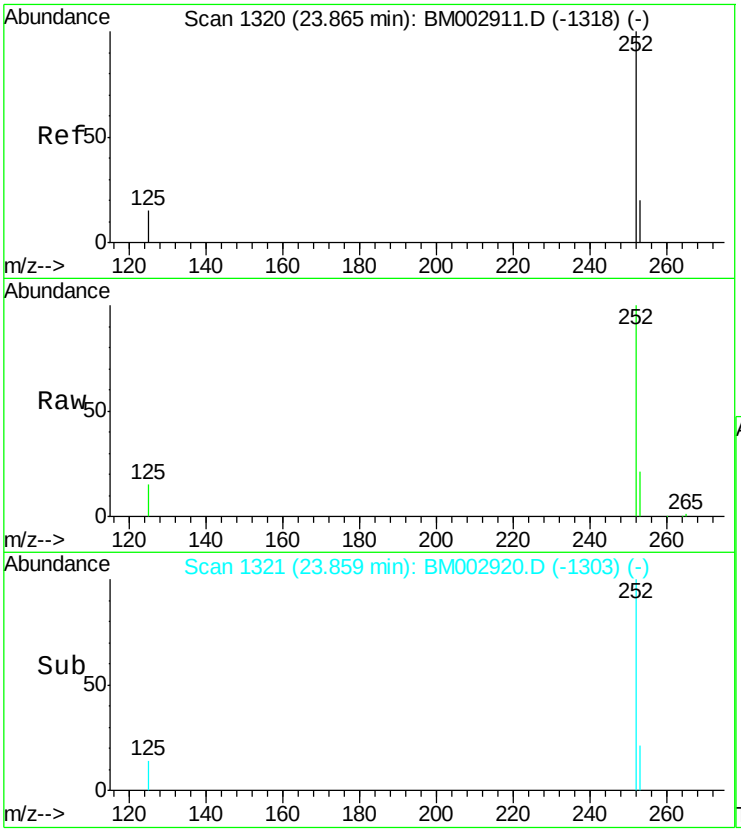




#36
Benzo(b)fluoranthene
Concen: 4.15 ng
RT: 23.81 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:252 Resp: 439555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.1 | 17.5 | 26.3 |
| 125 | 14.7 | 12.4 | 18.6 |



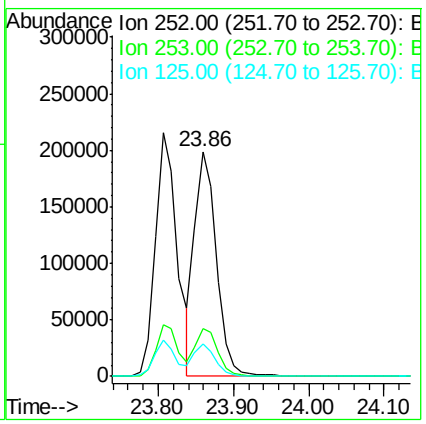


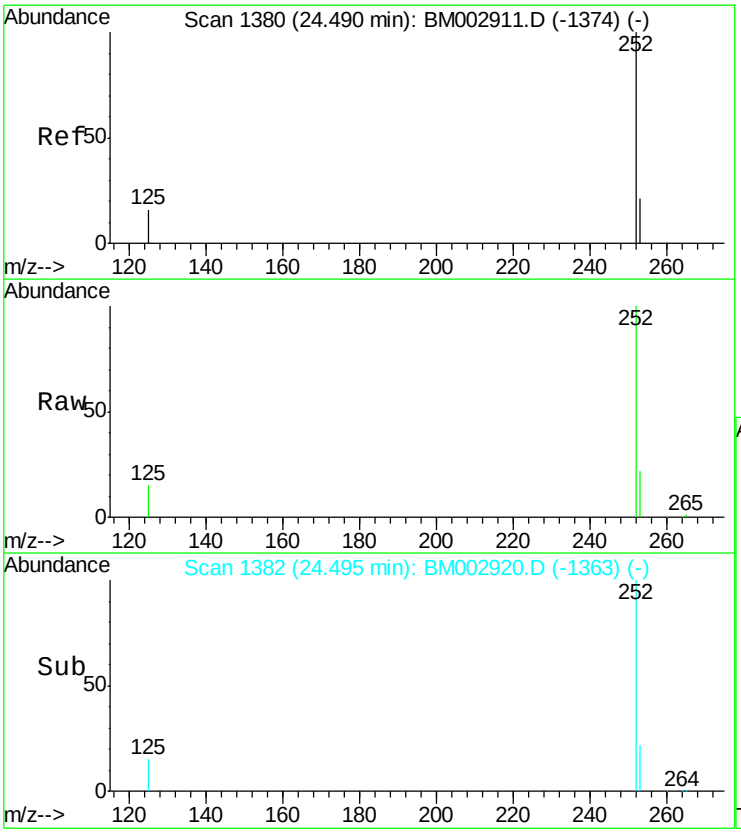

#37
Benzo(k)fluoranthene
Concen: 3.77 ng
RT: 23.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:252 Resp: 391532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.9 | 26.9 |
| 125 | 14.5 | 12.3 | 18.5 |

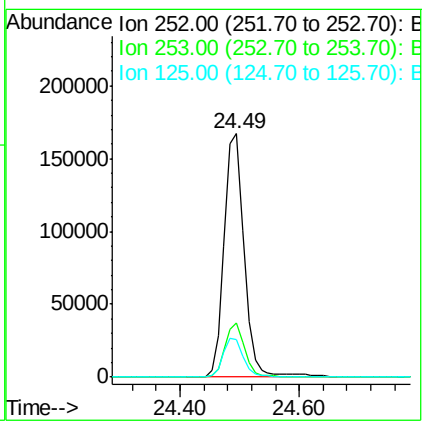


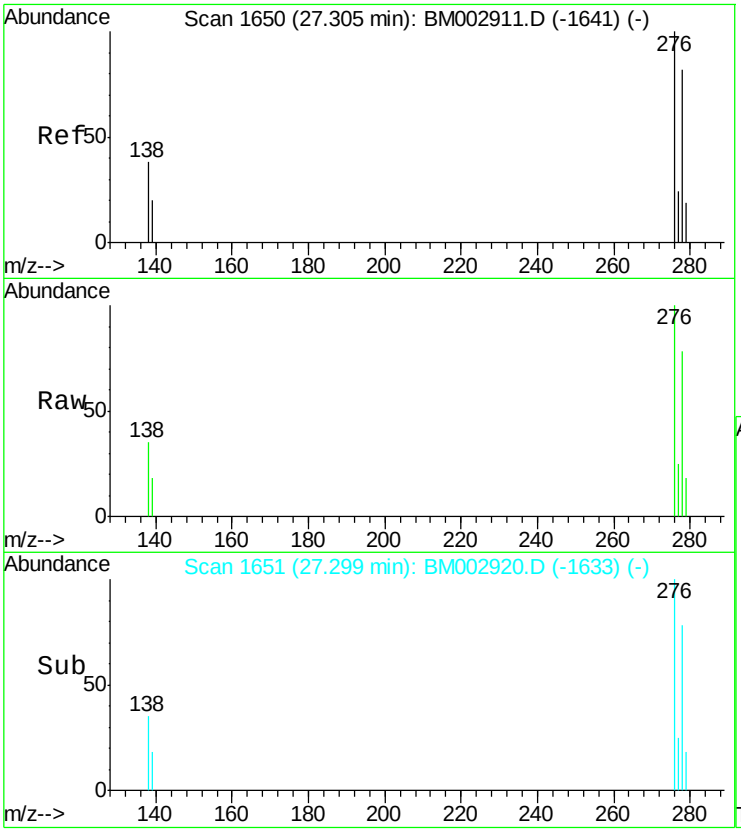




#38
Benzo(a)pyrene
Concen: 4.13 ng
RT: 24.49 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:252 Resp: 387253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 18.4 | 27.6 |
| 125 | 15.2 | 13.3 | 19.9 |



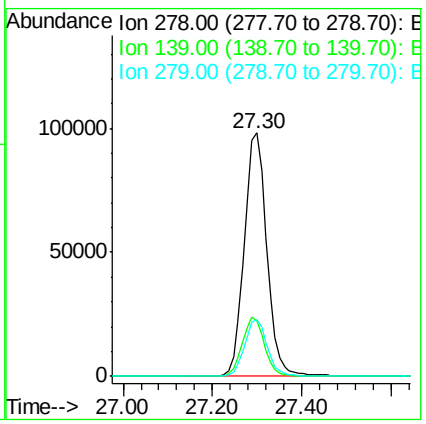


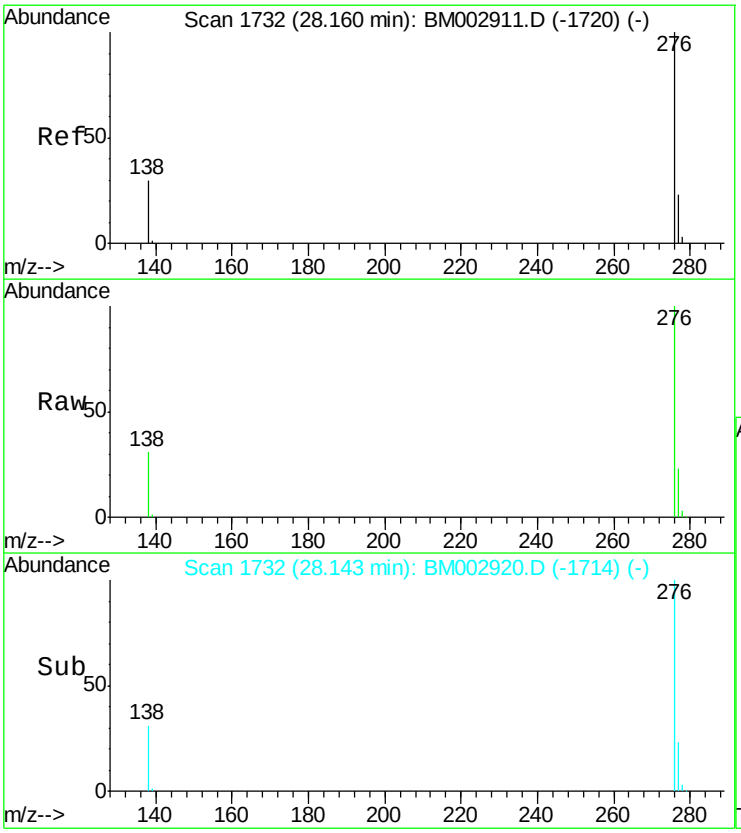

#39
Dibenzo(a,h)anthracene
Concen: 3.84 ng
RT: 27.30 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

**Instrument :**
BNA_M
**ClientSampleId :**
PB86101BS

Tgt Ion:278 Resp: 344303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 22.8 | 19.8 | 29.6 |
| 279 | 23.5 | 19.1 | 28.7 |




#40
Benzo(g,h,i)perylene
Concen: 3.78 ng
RT: 28.14 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM002920.D
Acq: 15 Oct 2015 18:45

Tgt Ion:276 Resp: 354829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 19.4 | 29.0 |
| 138 | 30.9 | 24.4 | 36.6 |