Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
Data File : BF080969.D
Acq On : 11 Aug 2015 19:05
Operator : UM/IZ
Sample : PB84838BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB84838BS

Quant Time: Aug 12 00:37:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.78 | 152 | 54526 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.08 | 136 | 212920 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.82 | 164 | 121596 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.30 | 188 | 218324 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.93 | 240 | 180221 | 20.00 | ng | | -0.03 |
| 86) Perylene-d12 | 15.32 | 264 | 155312 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.39 | 112 | 428556 | 128.42 | ng | | 0.01 |
| 7) Phenol-d6 | 6.43 | 99 | 623232 | 136.28 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 408776 | 90.81 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.61 | 330 | 142128 | 106.39 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.15 | 172 | 626223 | 72.50 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.89 | 244 | 763253 | 87.48 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.44 | 88 | 58159 | 36.74 | ng | | 93 |
| 3) Pyridine | 3.13 | 79 | 149862 | 33.39 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.08 | 42 | 99096 | 43.25 | ng | | 95 |
| 6) Aniline | 6.45 | 93 | 195341 | 29.07 | ng | | 94 |
| 8) 2-Chlorophenol | 6.57 | 128 | 144887 | 37.52 | ng | # | 79 |
| 9) Benzaldehyde | 6.33 | 77 | 116108 | 37.67 | ng | | 97 |
| 10) Phenol | 6.44 | 94 | 245765 | 45.30 | ng | | 77 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 153320 | 37.85 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 6.73 | 146 | 152740 | 37.27 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.81 | 146 | 150903 | 35.44 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.96 | 146 | 145464 | 37.79 | ng | | 98 |
| 15) Benzyl Alcohol | 6.93 | 79 | 139432 | 37.26 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45 | 288768 | 35.43 | ng | | 99 |
| 17) 2-Methylphenol | 7.05 | 107 | 125656 | 38.12 | ng | # | 92 |
| 18) Hexachloroethane | 7.30 | 117 | 57494 | 35.24 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70 | 113207 | 33.87 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.21 | 107 | 165824 | 40.05 | ng | # | 81 |
| 22) Acetophenone | 7.20 | 105 | 213144 | 40.85 | ng | # | 99 |
| 24) Nitrobenzene | 7.37 | 77 | 171788 | 37.07 | ng | | 98 |
| 25) Isophorone | 7.62 | 82 | 332602 | 38.42 | ng | | 98 |
| 26) 2-Nitrophenol | 7.69 | 139 | 75496 | 38.71 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.73 | 122 | 149268 | 40.88 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93 | 185469 | 35.69 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 116436 | 38.81 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 125413 | 38.24 | ng | | 99 |
| 31) Naphthalene | 8.10 | 128 | 422094 | 35.97 | ng | | 100 |
| 32) Benzoic acid | 7.86 | 122 | 88245 | 40.37 | ng | | 88 |
| 33) 4-Chloroaniline | 8.14 | 127 | 105906 | 22.20 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.21 | 225 | 71940 | 36.87 | ng | | 97 |
| 35) Caprolactam | 8.52 | 113 | 30473 | 28.23 | ng | # | 81 |
| 36) 4-Chloro-3-methylphenol | 8.64 | 107 | 171303 | 46.79 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.78 | 142 | 311888 | 41.75 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 126102 | 33.64 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.94 | 237 | 168042 | 82.15 | ng | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
Data File : BF080969.D
Acq On : 11 Aug 2015 19:05
Operator : UM/IZ
Sample : PB84838BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB84838BS

Quant Time: Aug 12 00:37:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.07 | 196 | 80090 | 29.15 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 9.10 | 196 | 101075 | 36.51 | ng | # | 86 |
| 45) 1,1'-Biphenyl | 9.25 | 154 | 379980 | 36.41 | ng | | 100 |
| 46) 2-Chloronaphthalene | 9.28 | 162 | 271787 | 33.40 | ng | | 99 |
| 47) 2-Nitroaniline | 9.37 | 65 | 107114 | 32.83 | ng | | 92 |
| 48) Acenaphthylene | 9.69 | 152 | 481345 | 34.03 | ng | | 100 |
| 49) Dimethylphthalate | 9.56 | 163 | 358955 | 35.54 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.62 | 165 | 76473 | 36.65 | ng | # | 50 |
| 51) Acenaphthene | 9.86 | 154 | 350988 | 40.52 | ng | | 99 |
| 52) 3-Nitroaniline | 9.78 | 138 | 61932 | 24.07 | ng | | 100 |
| 53) 2,4-Dinitrophenol | 9.88 | 184 | 65520 | 53.86 | ng | # | 74 |
| 54) Dibenzofuran | 10.03 | 168 | 456066 | 38.93 | ng | | 98 |
| 55) 4-Nitrophenol | 9.95 | 139 | 151070 | 78.45 | ng | # | 66 |
| 56) 2,4-Dinitrotoluene | 10.02 | 165 | 119604 | 42.83 | ng | # | 70 |
| 57) Fluorene | 10.37 | 166 | 363874 | 40.16 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.11 | 232 | 81451 | 37.17 | ng | | 98 |
| 59) Diethylphthalate | 10.26 | 149 | 397735 | 37.83 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.36 | 204 | 146713 | 33.23 | ng | | 99 |
| 61) 4-Nitroaniline | 10.40 | 138 | 86607 | 32.72 | ng | | 97 |
| 62) Azobenzene | 10.52 | 77 | 414609 | 35.27 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 10.42 | 198 | 47672 | 35.23 | ng | # | 61 |
| 65) n-Nitrosodiphenylamine | 10.49 | 169 | 309007 | 40.74 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.85 | 248 | 93698 | 40.52 | ng | | 98 |
| 67) Hexachlorobenzene | 10.92 | 284 | 99731 | 38.79 | ng | | 98 |
| 68) Atrazine | 11.01 | 200 | 82077 | 36.91 | ng | | 96 |
| 69) Pentachlorophenol | 11.12 | 266 | 111279 | 74.44 | ng | | 96 |
| 70) Phenanthrene | 11.32 | 178 | 463411 | 37.48 | ng | | 99 |
| 71) Anthracene | 11.38 | 178 | 491492 | 40.16 | ng | | 100 |
| 72) Carbazole | 11.53 | 167 | 423949 | 35.58 | ng | # | 97 |
| 73) Di-n-butylphthalate | 11.87 | 149 | 596353 | 40.02 | ng | | 99 |
| 74) Fluoranthene | 12.51 | 202 | 612379 | 45.82 | ng | | 97 |
| 76) Benzidine | 12.64 | 184 | 403148 | Below Cal | | | 98 |
| 77) Pyrene | 12.74 | 202 | 608428 | 45.70 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.36 | 149 | 245284 | 38.22 | ng | # | 65 |
| 80) Benzo(a)anthracene | 13.92 | 228 | 442505 | 38.87 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.88 | 252 | 84345 | 20.37 | ng | # | 97 |
| 82) Chrysene | 13.95 | 228 | 425515 | 39.04 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.92 | 149 | 318366 | 35.65 | ng | # | 94 |
| 84) Di-n-octyl phthalate | 14.53 | 149 | 583993 | 38.57 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.67 | 276 | 408223 | 39.35 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.96 | 252 | 810993 | 75.09 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 14.96 | 252 | 810993 | 85.84 | ng | | 100 |
| 89) Benzo(a)pyrene | 15.27 | 252 | 369194 | 39.77 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 16.68 | 278 | 337884 | 41.16 | ng | | 100 |
| 91) Benzo(g,h,i)perylene | 17.07 | 276 | 352378 | 44.13 | ng | | 98 |

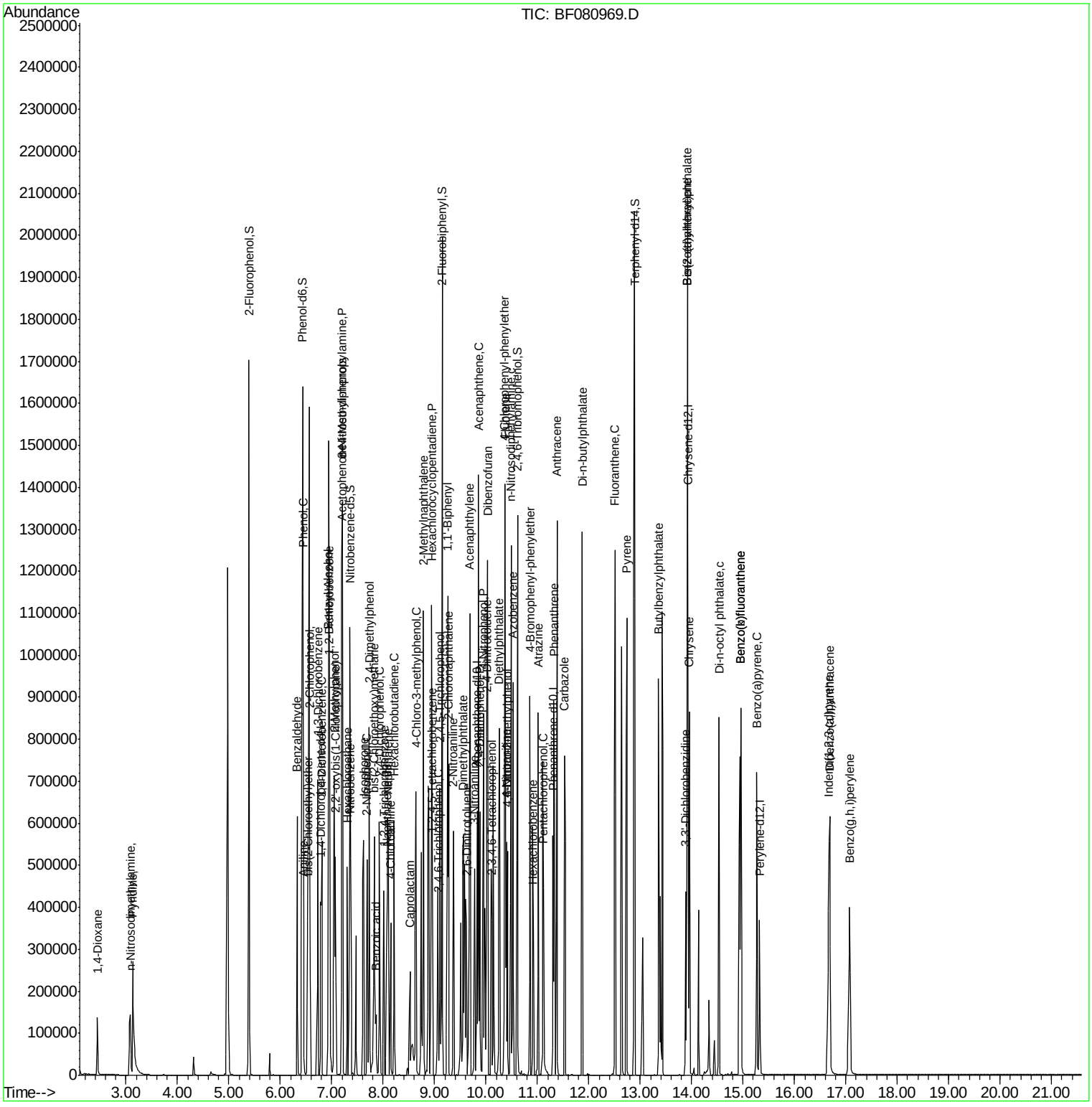
(#) = qualifier out of range (m) = manual integration (+) = signals summed

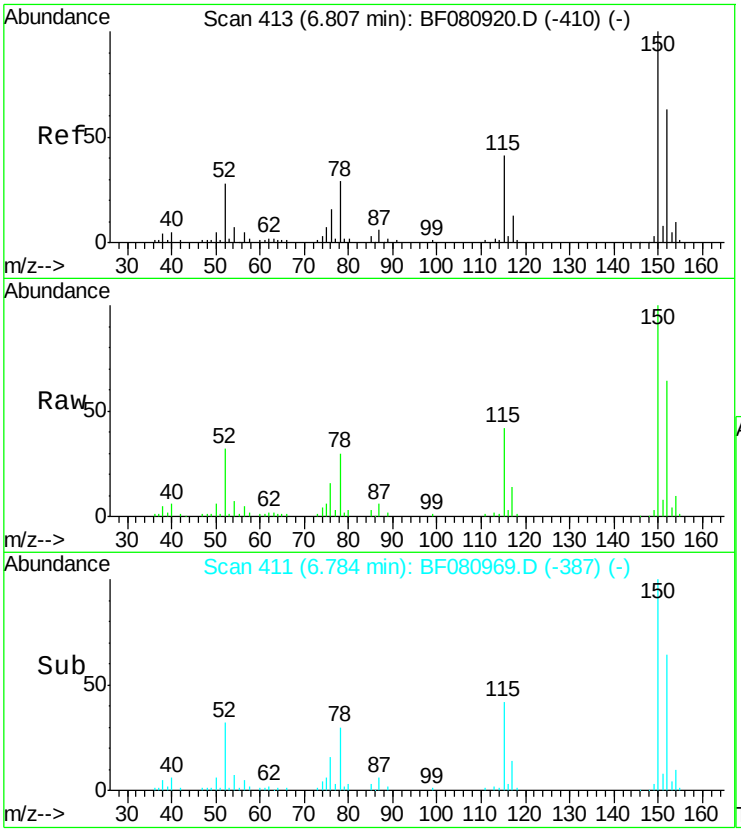
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
Data File : BF080969.D
Acq On : 11 Aug 2015 19:05
Operator : UM/IZ
Sample : PB84838BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Quant Time: Aug 12 00:37:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration



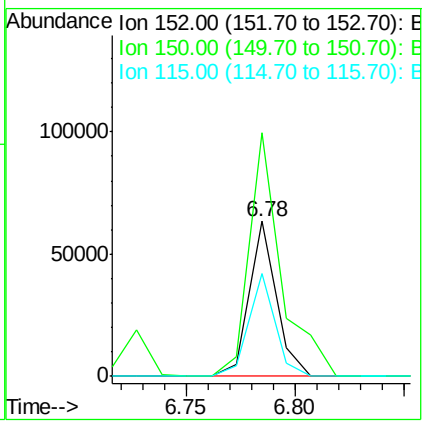


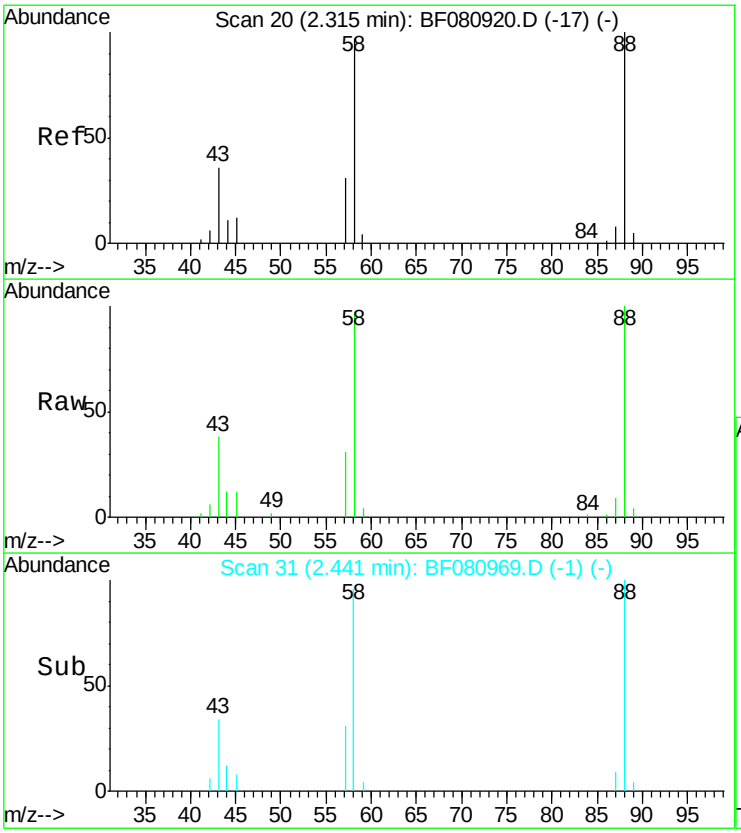

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:152 Resp: 54526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.1 | 127.4 | 191.2 |
| 115 | 66.4 | 52.6 | 78.8 |

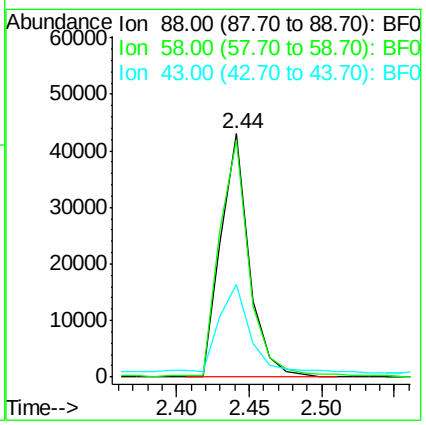


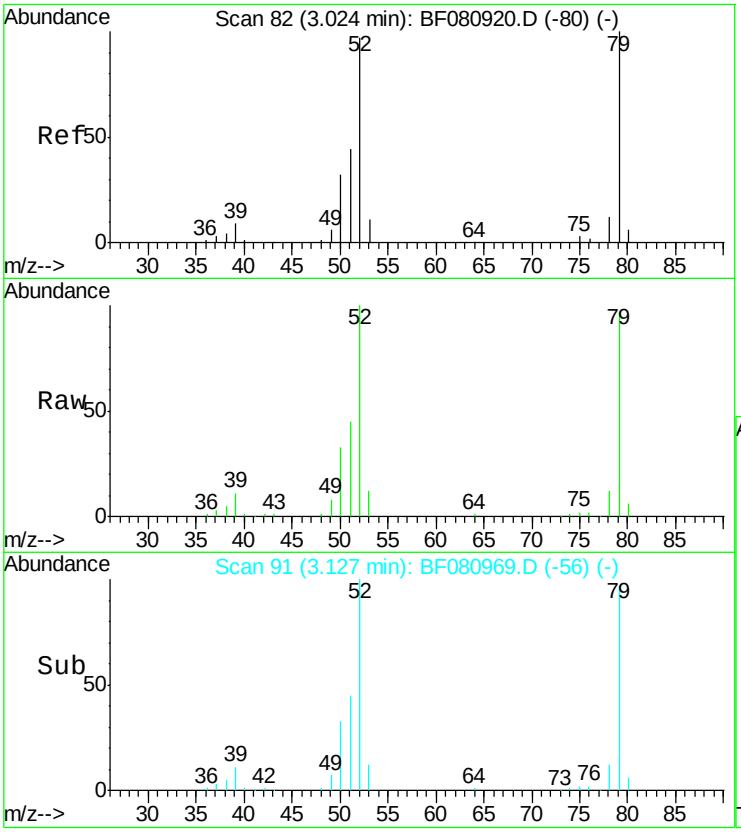




#2
1,4-Dioxane
Concen: 36.74 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.13 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 88 Resp: 58159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 104.9 | 79.3 | 118.9 |
| 43 | 40.8 | 28.3 | 42.5 |



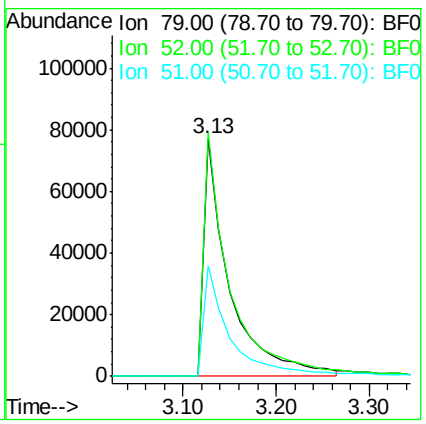


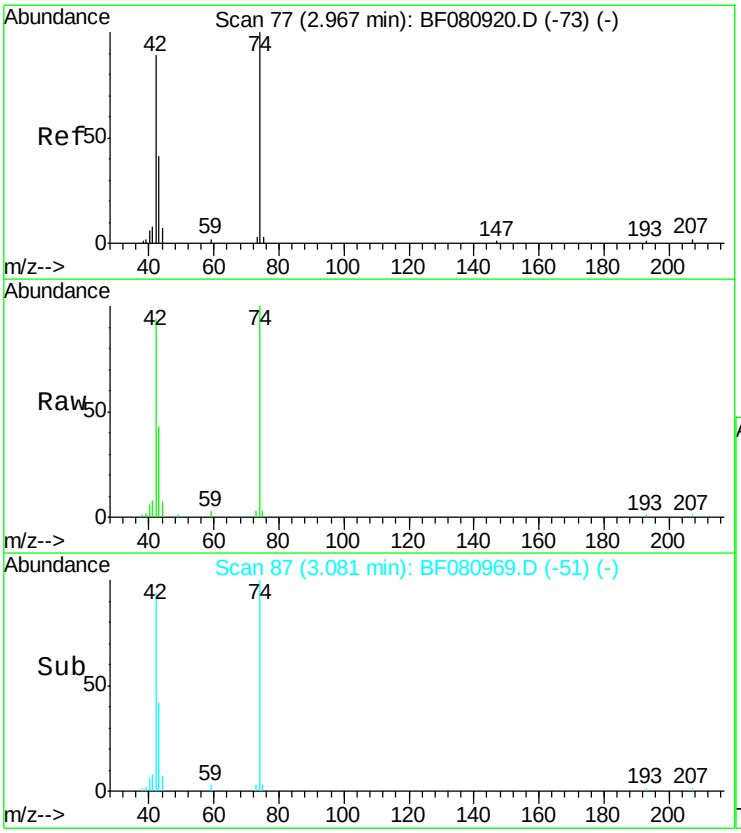

#3
Pyridine
Concen: 33.39 ng
RT: 3.13 min Scan# 91
Delta R.T. 0.10 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion: 79 Resp: 149862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 102.7 | 77.2 | 115.8 |
| 51 | 46.5 | 35.0 | 52.4 |

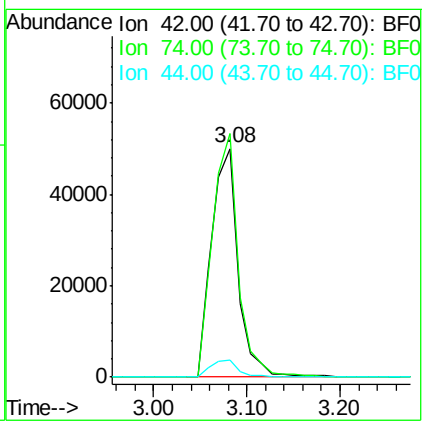


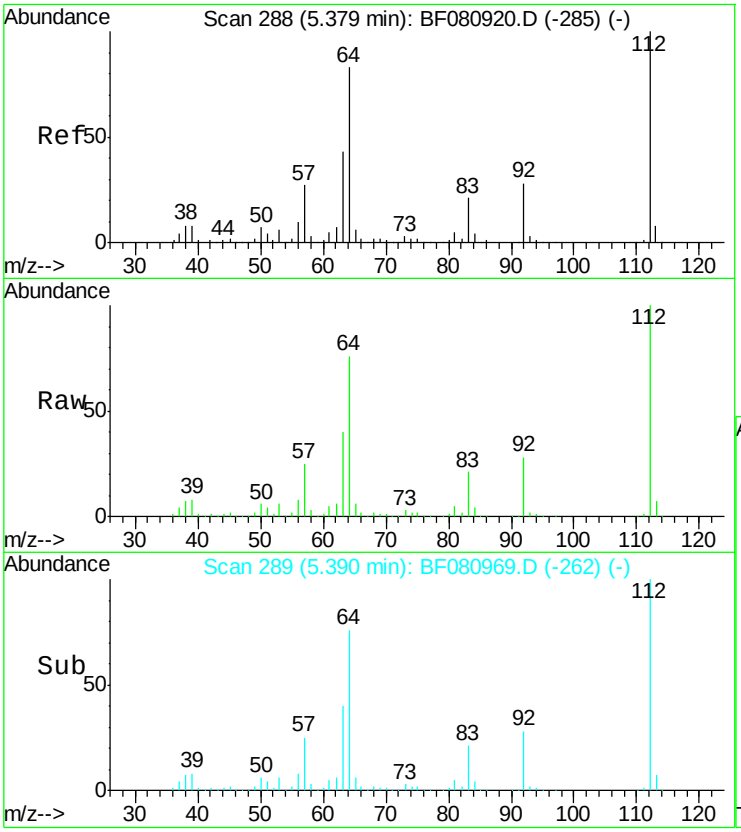




#4
n-Nitrosodimethylamine
Concen: 43.25 ng
RT: 3.08 min Scan# 87
Delta R.T. 0.11 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 42 Resp: 99096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 106.5 | 89.8 | 134.8 |
| 44 | 7.2 | 6.5 | 9.7 |



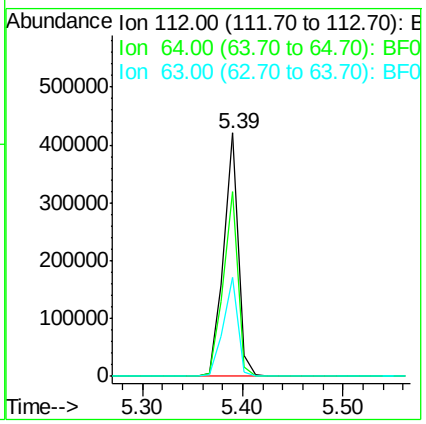


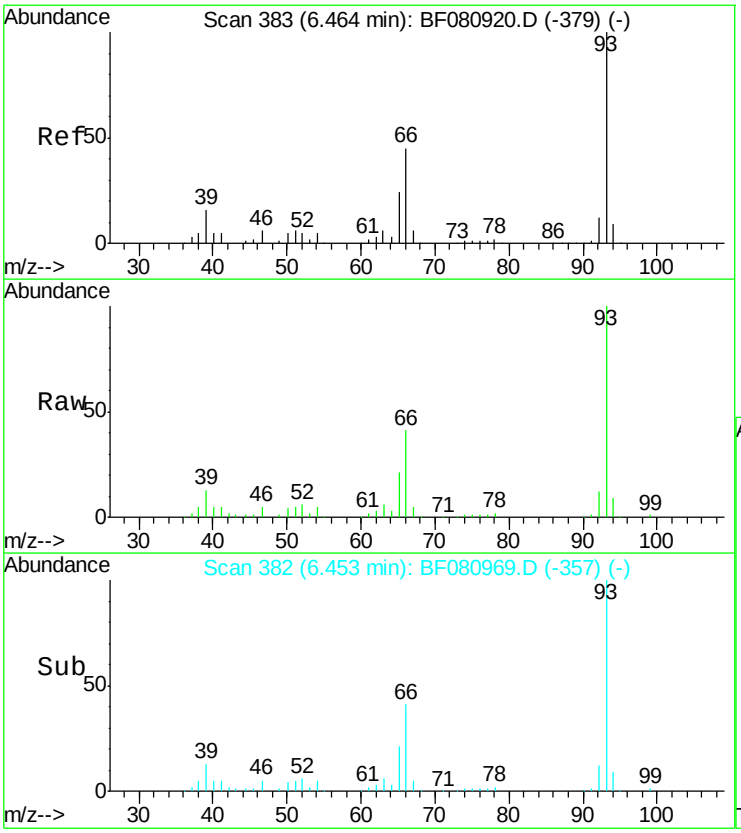

#5
2-Fluorophenol
Concen: 128.42 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:112 Resp: 428556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 76.1 | 66.1 | 99.1 |
| 63 | 40.4 | 34.6 | 52.0 |

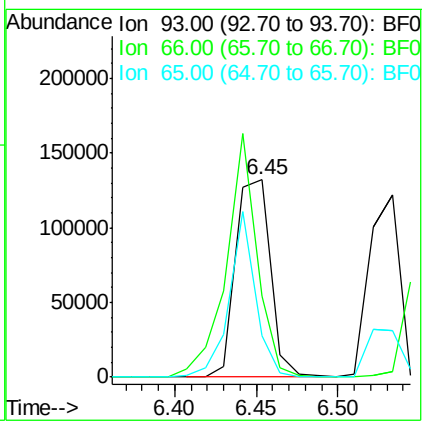


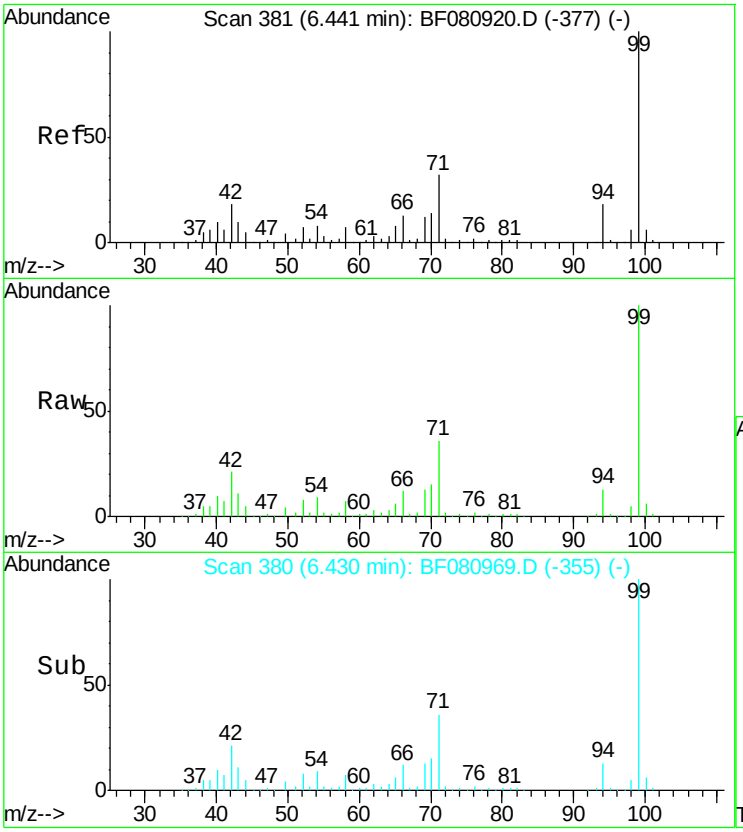




#6
Aniline
Concen: 29.07 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 93 Resp: 195341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.0 | 36.2 | 54.4 |
| 65 | 21.3 | 19.0 | 28.4 |



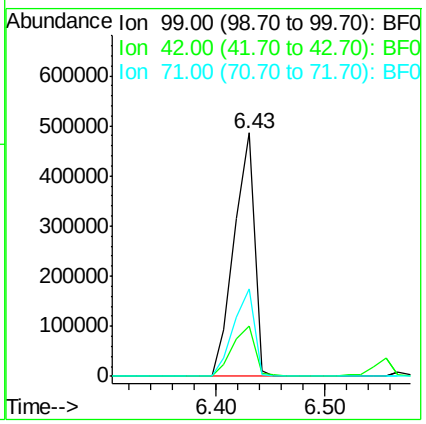


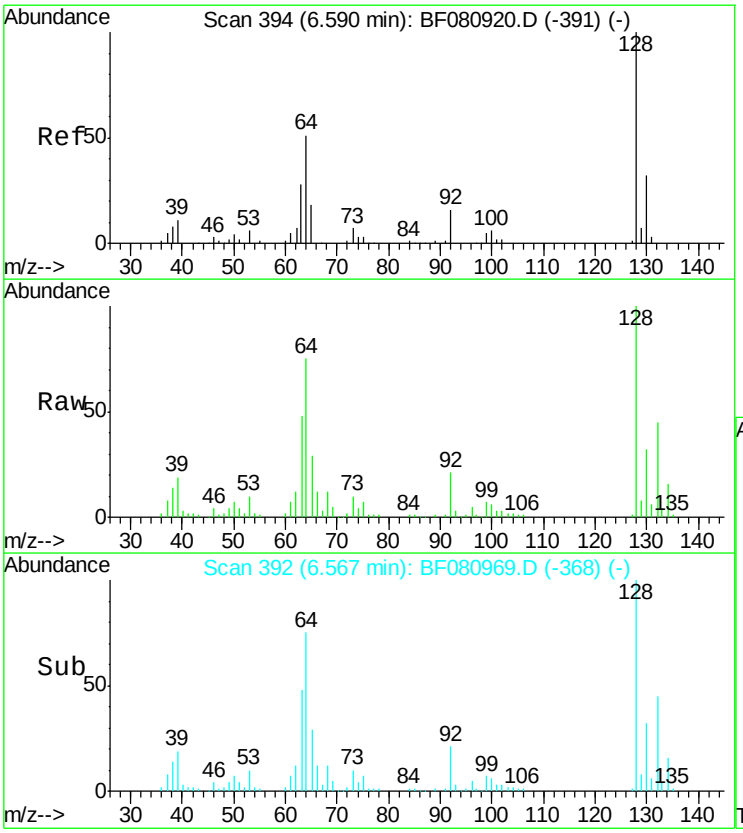

#7
Phenol-d6
Concen: 136.28 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion: 99 Resp: 623232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.9 | 14.4 | 21.6 |
| 71 | 36.1 | 25.8 | 38.8 |

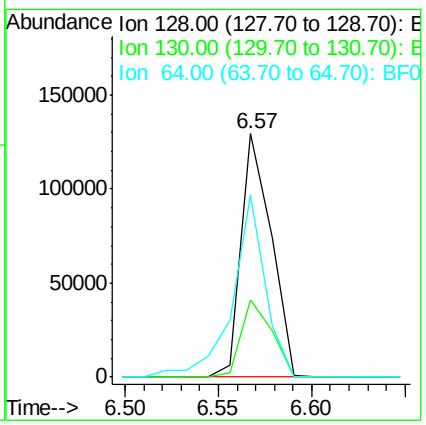


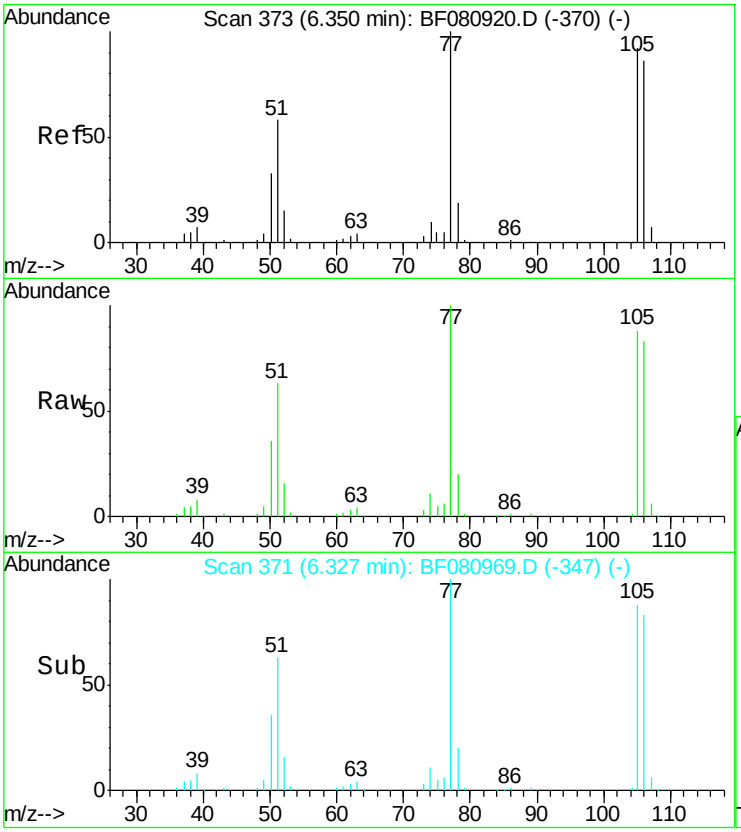




#8
2-Chlorophenol
Concen: 37.52 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:128 Resp: 144887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.6 | 12.4 | 52.4 |
| 64 | 74.9 | 32.1 | 72.1# |



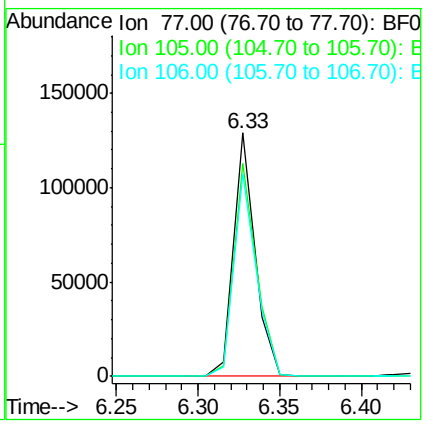


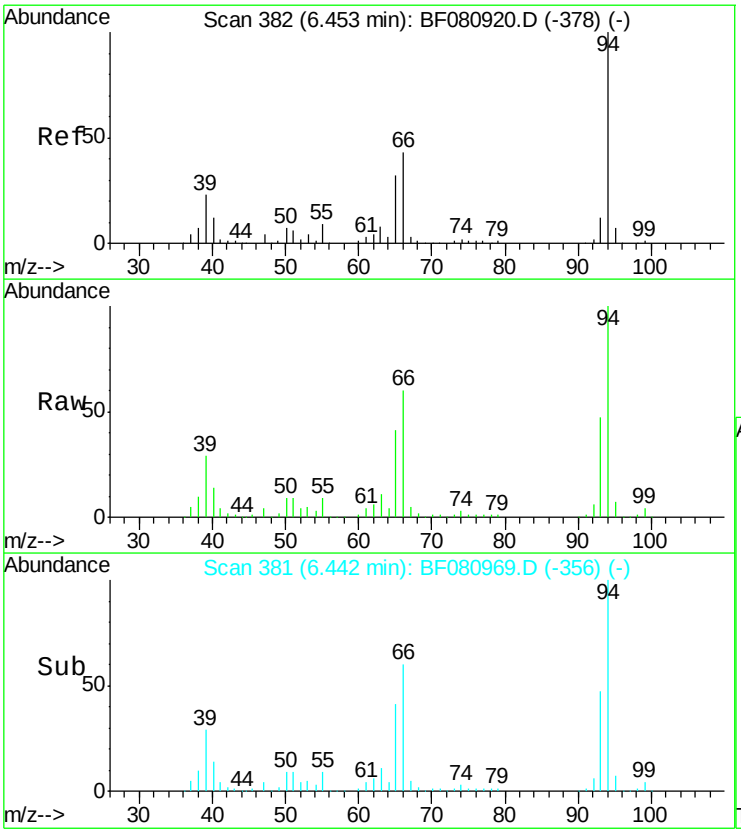

#9
Benzaldehyde
Concen: 37.67 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion: 77 Resp: 116108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 87.7 | 71.6 | 111.6 |
| 106 | 83.4 | 65.7 | 105.7 |

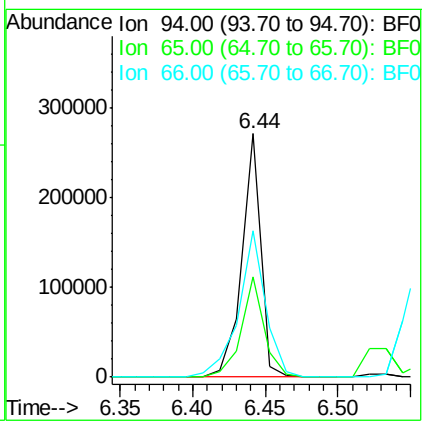


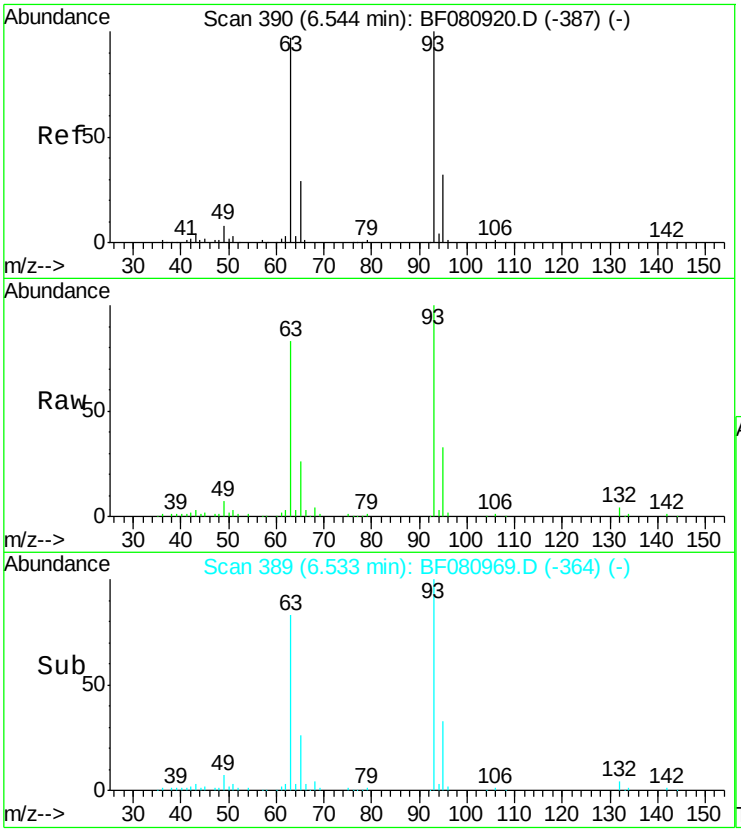




#10
Phenol
Concen: 45.30 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 94 Resp: 245765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 41.0 | 11.8 | 51.8 |
| 66 | 60.1 | 22.9 | 62.9 |



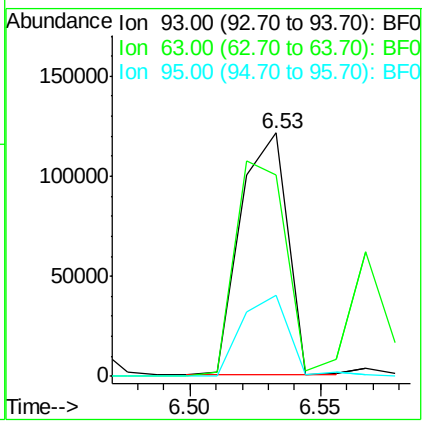


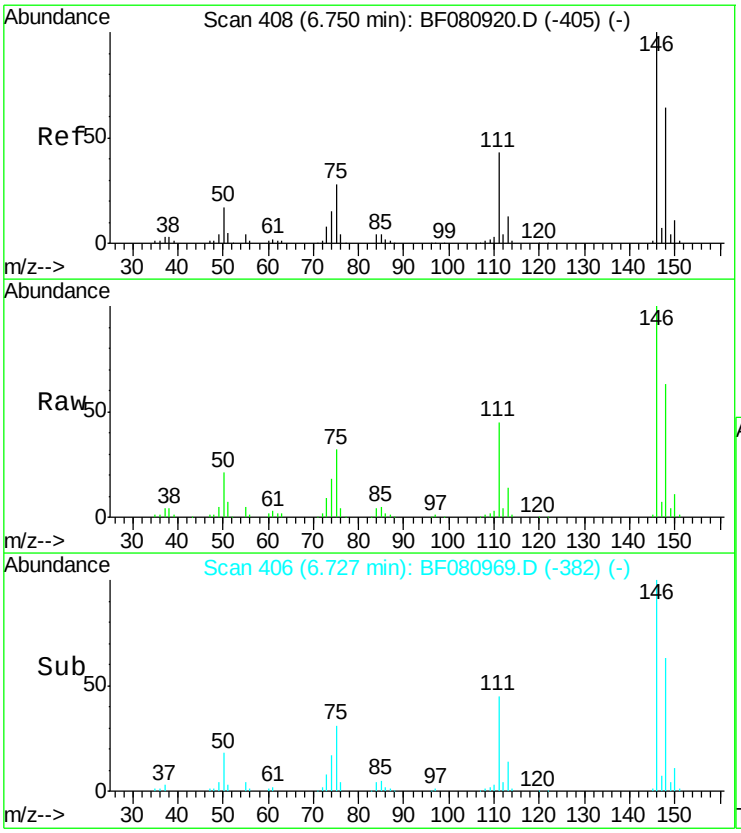

#11
bis(2-Chloroethyl)ether
Concen: 37.85 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion: 93 Resp: 153320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.7 | 76.7 | 116.7 |
| 95 | 33.2 | 12.3 | 52.3 |

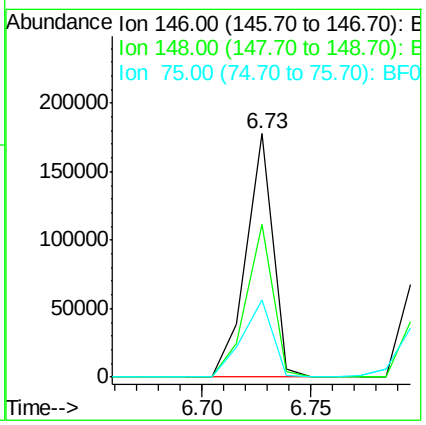


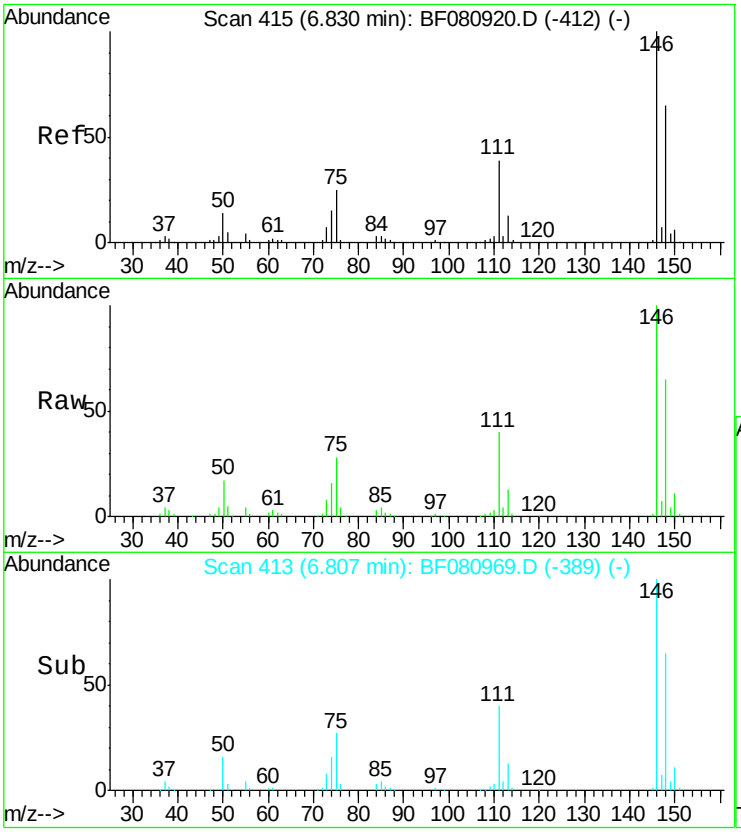




#12
1,3-Dichlorobenzene
Concen: 37.27 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:146 Resp: 152740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 51.4 | 77.0 |
| 75 | 31.6 | 22.2 | 33.4 |



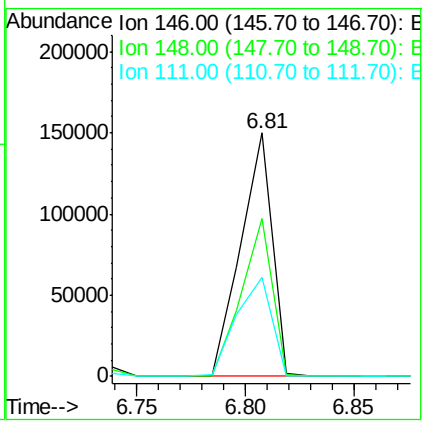


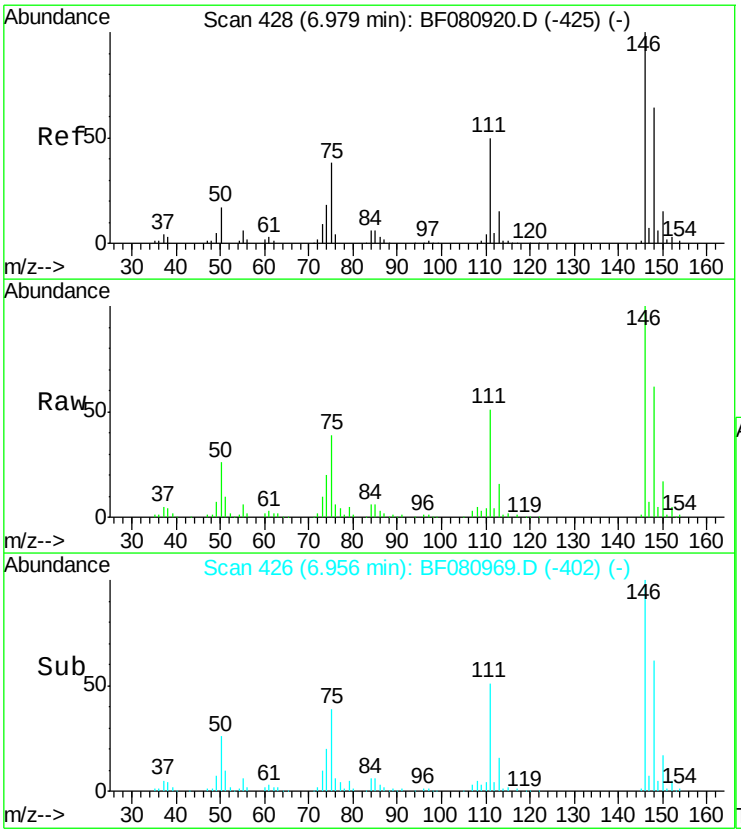

#13
1,4-Dichlorobenzene
Concen: 35.44 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:146 Resp: 150903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 52.2 | 78.4 |
| 111 | 40.5 | 31.5 | 47.3 |

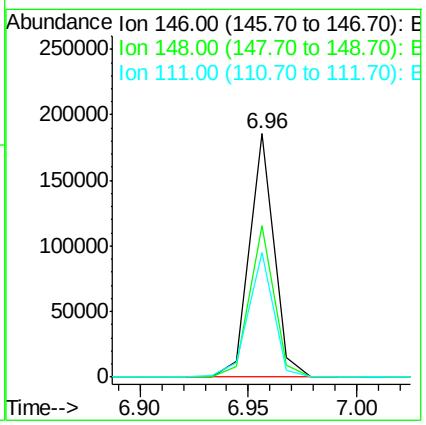


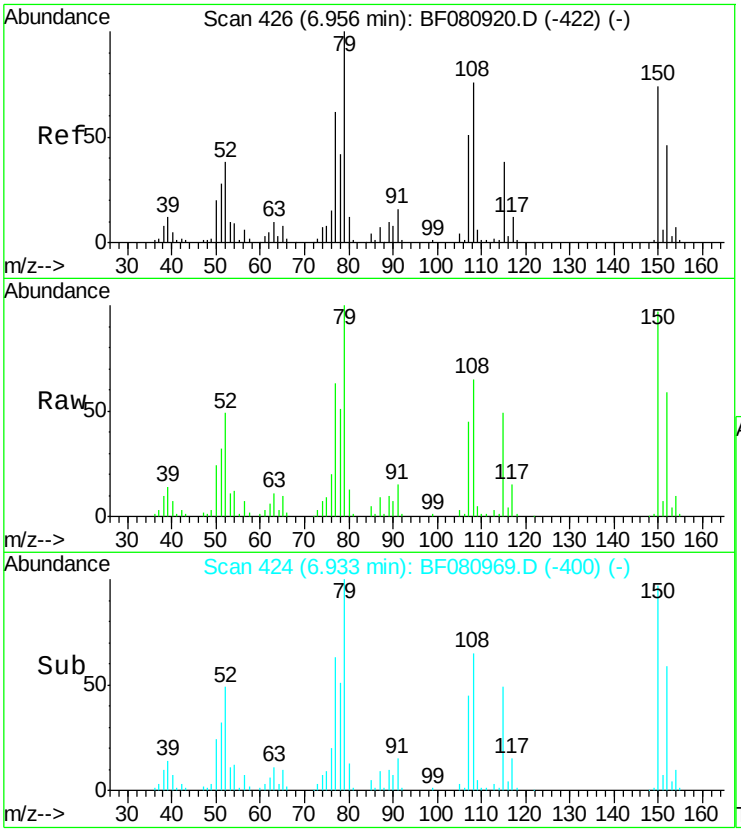




#14
1,2-Dichlorobenzene
Concen: 37.79 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:146 Resp: 145464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.1 | 51.1 | 76.7 |
| 111 | 51.2 | 40.0 | 60.0 |



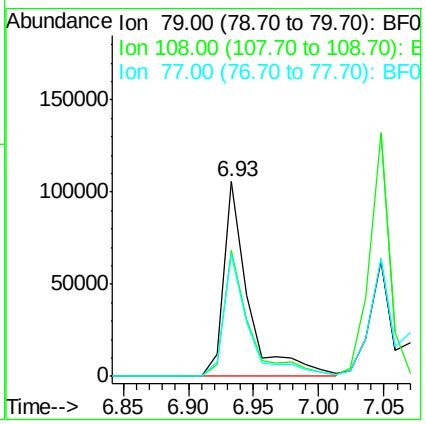


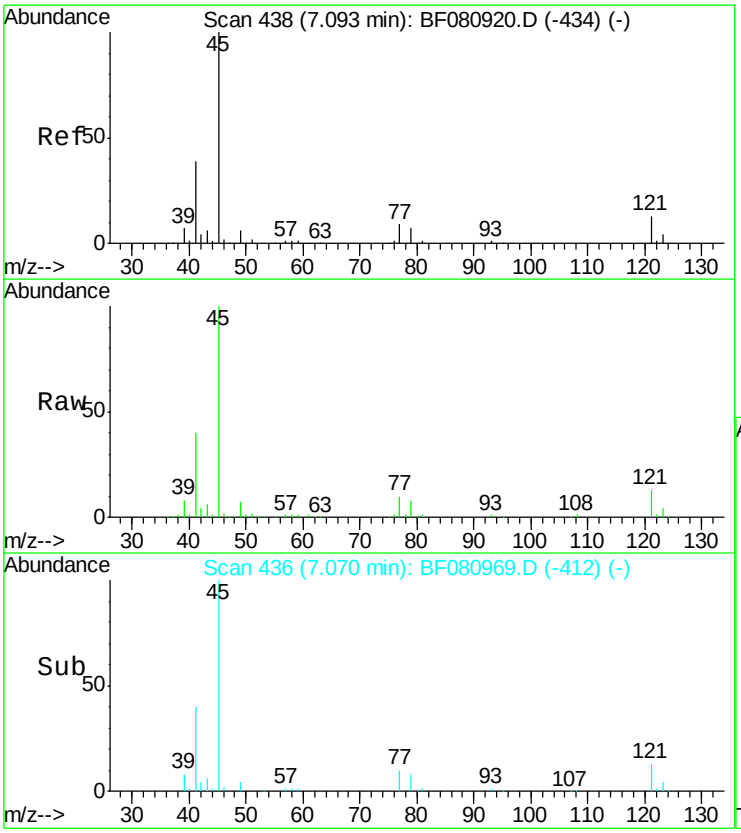

#15
Benzyl Alcohol
Concen: 37.26 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion: 79 Resp: 139432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 64.5 | 60.9 | 91.3 |
| 77 | 63.0 | 49.4 | 74.0 |

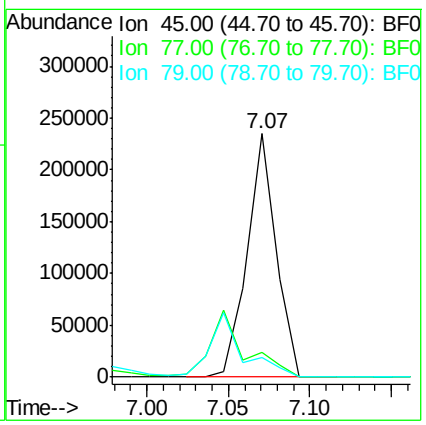


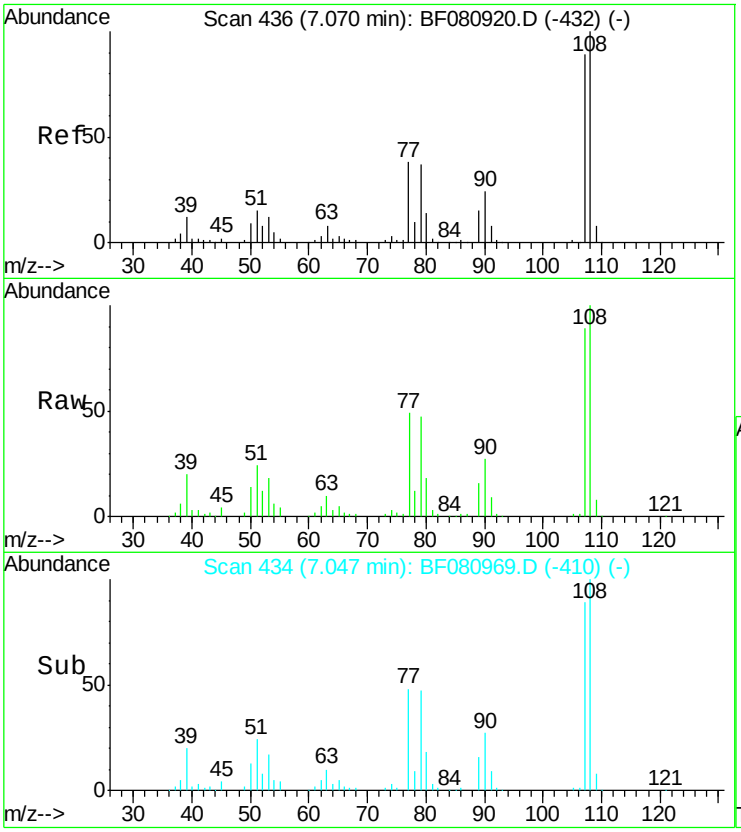




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.43 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 45 Resp: 288768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.2 | 0.0 | 29.6 |
| 79 | 7.9 | 0.0 | 27.7 |



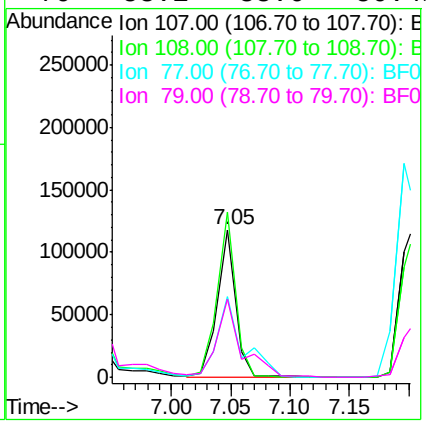


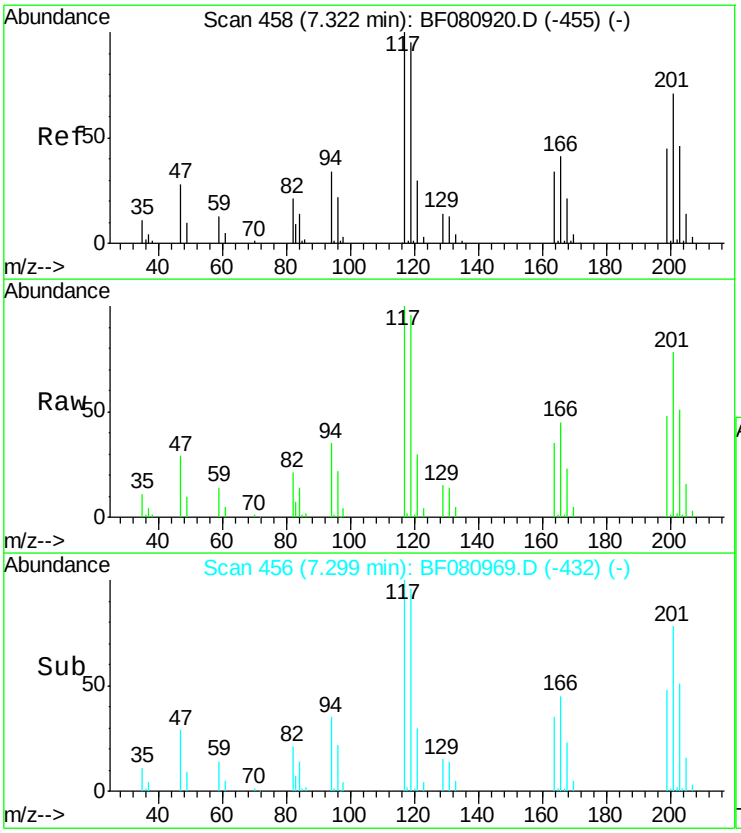

#17
2-Methylphenol
Concen: 38.12 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:107 Resp: 125656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.0 | 90.3 | 135.5 |
| 77 | 54.4 | 34.6 | 51.8# |
| 79 | 53.1 | 33.6 | 50.4# |

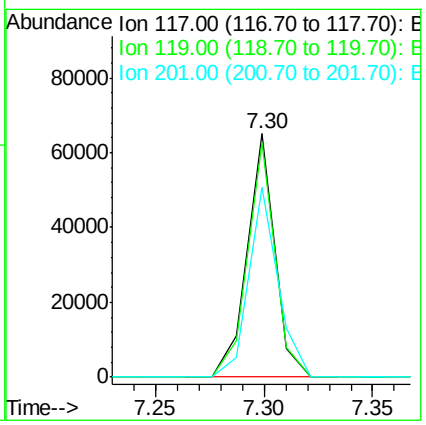


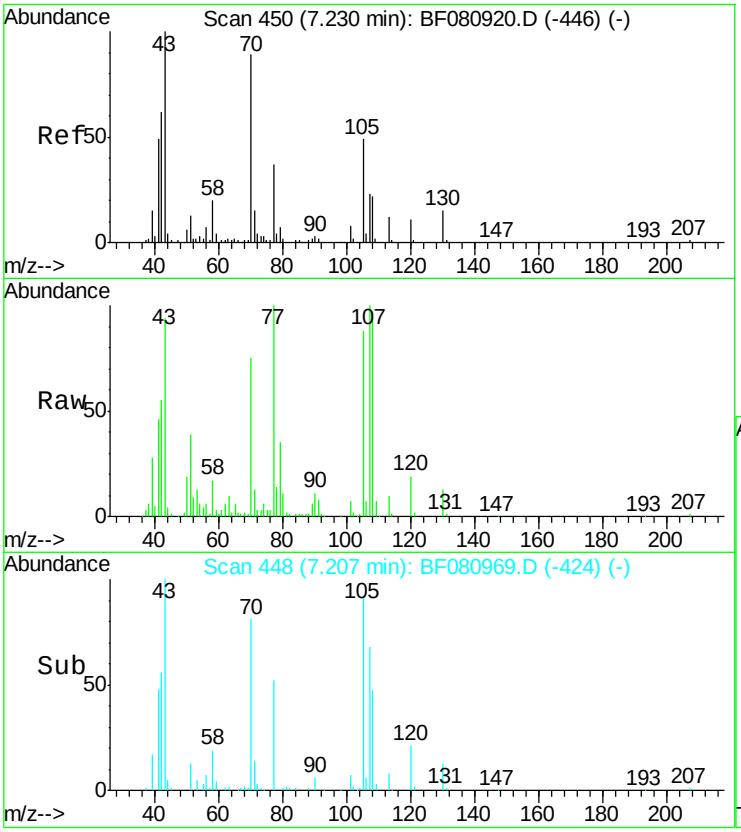




#18
Hexachloroethane
Concen: 35.24 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:117 Resp: 57494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 76.3 | 114.5 |
| 201 | 77.9 | 57.0 | 85.6 |



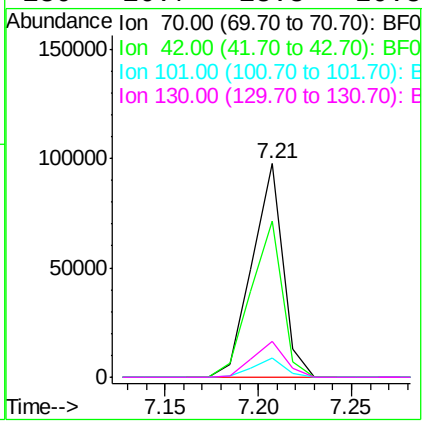


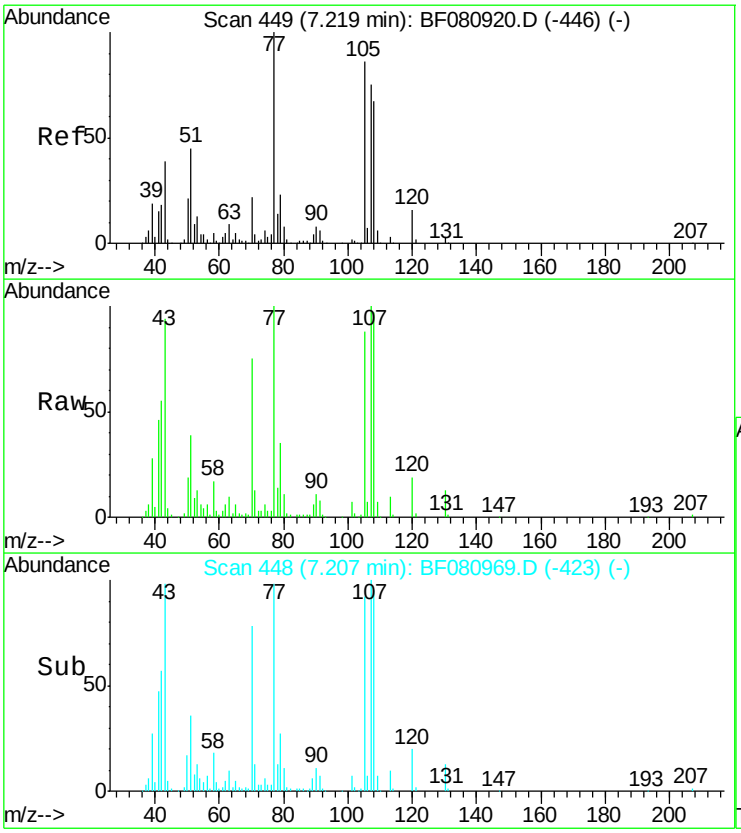

#19
n-Nitroso-di-n-propylamine
Concen: 33.87 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion: 70 Resp: 113207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 72.9 | 55.7 | 83.5 |
| 101 | 8.8 | 7.0 | 10.6 |
| 130 | 16.7 | 13.8 | 20.8 |

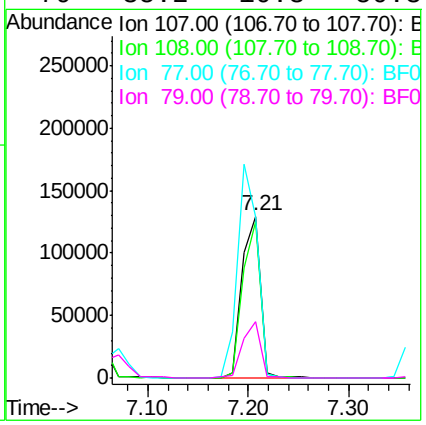


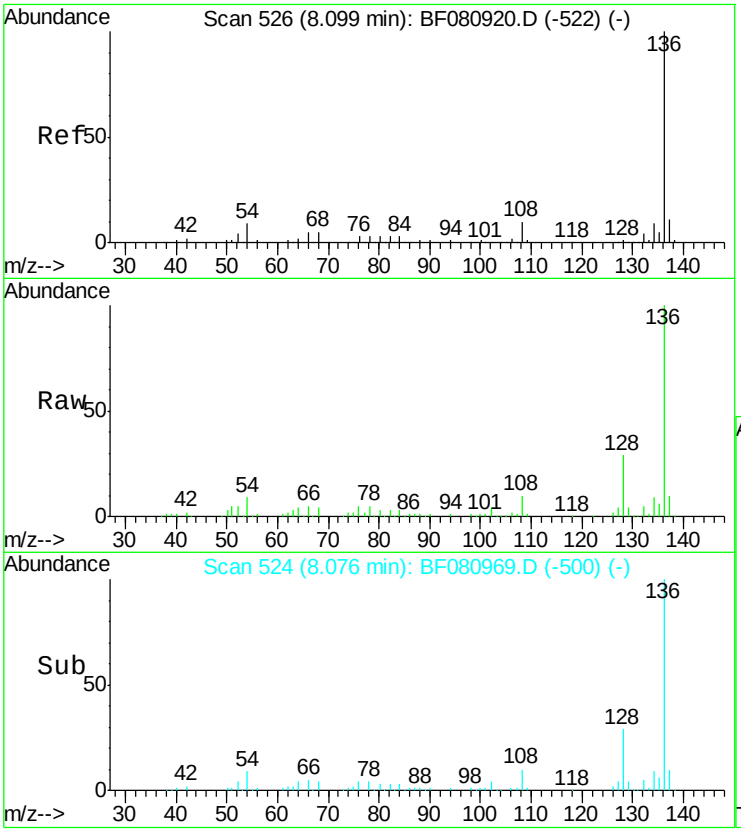




#20
3+4-Methylphenols
Concen: 40.05 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:107 Resp: 165824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 96.9 | 69.2 | 109.2 |
| 77 | 100.3 | 113.0 | 153.0# |
| 79 | 35.2 | 10.3 | 50.3 |



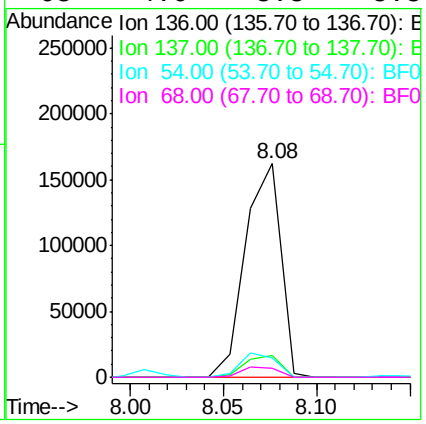


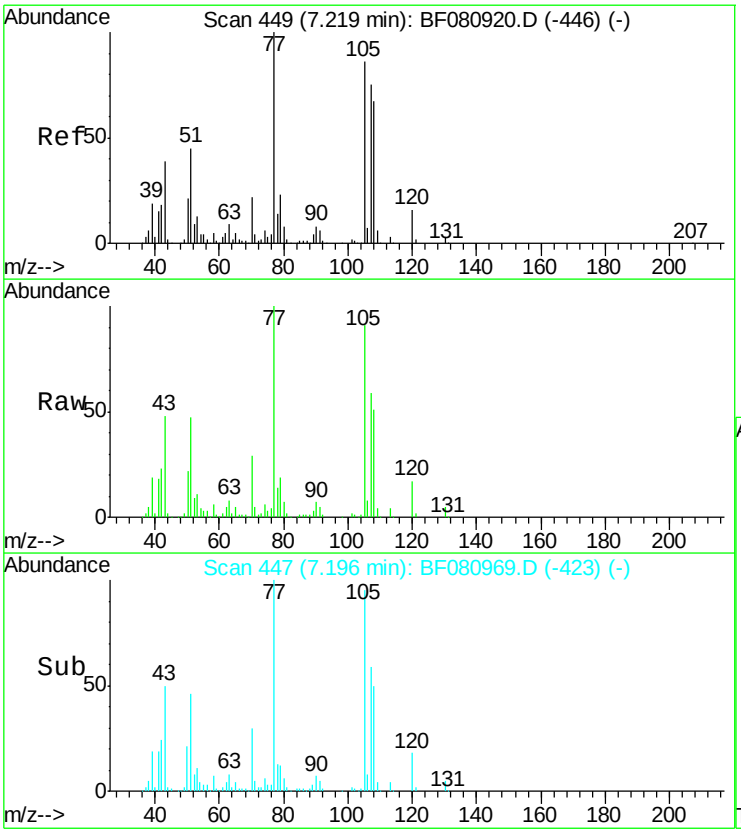

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:136 Resp: 212920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 8.5 | 12.7 |
| 54 | 8.8 | 7.1 | 10.7 |
| 68 | 4.0 | 3.8 | 5.8 |

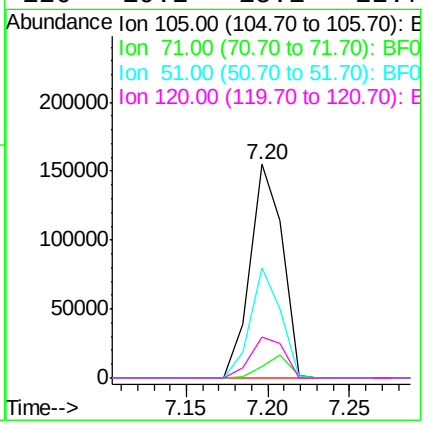


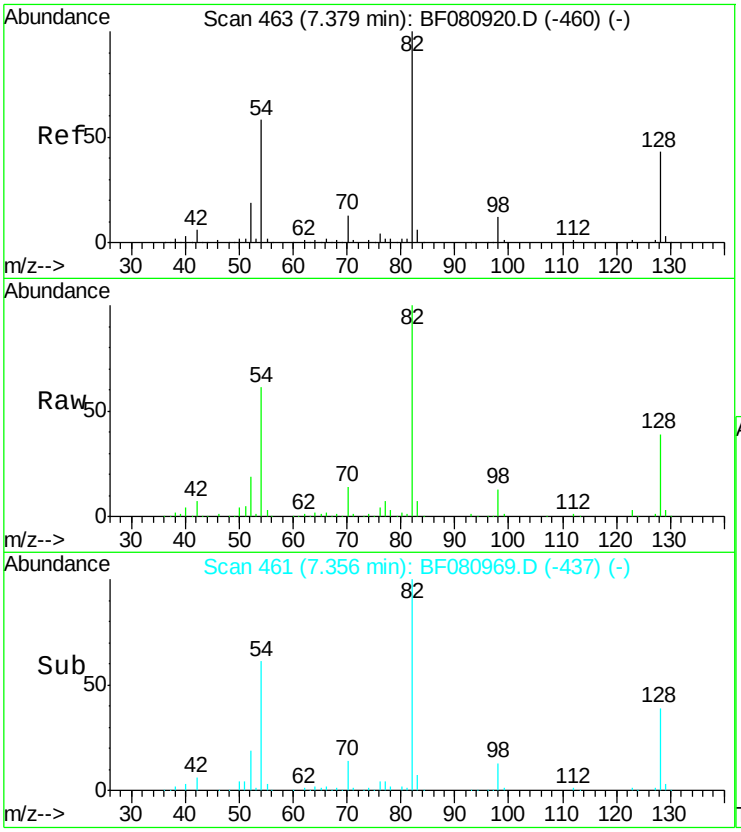




#22
Acetophenone
Concen: 40.85 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:105 Resp: 213144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.3 | 3.3 | 4.9# |
| 51 | 51.6 | 41.8 | 62.6 |
| 120 | 19.2 | 15.1 | 22.7 |



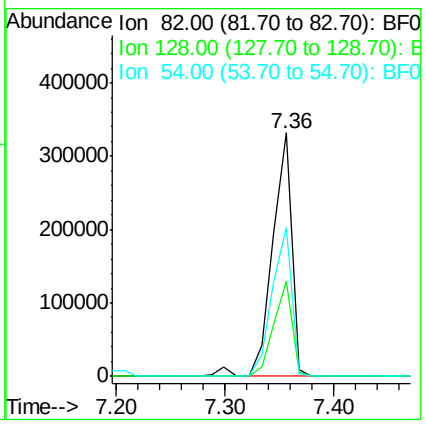


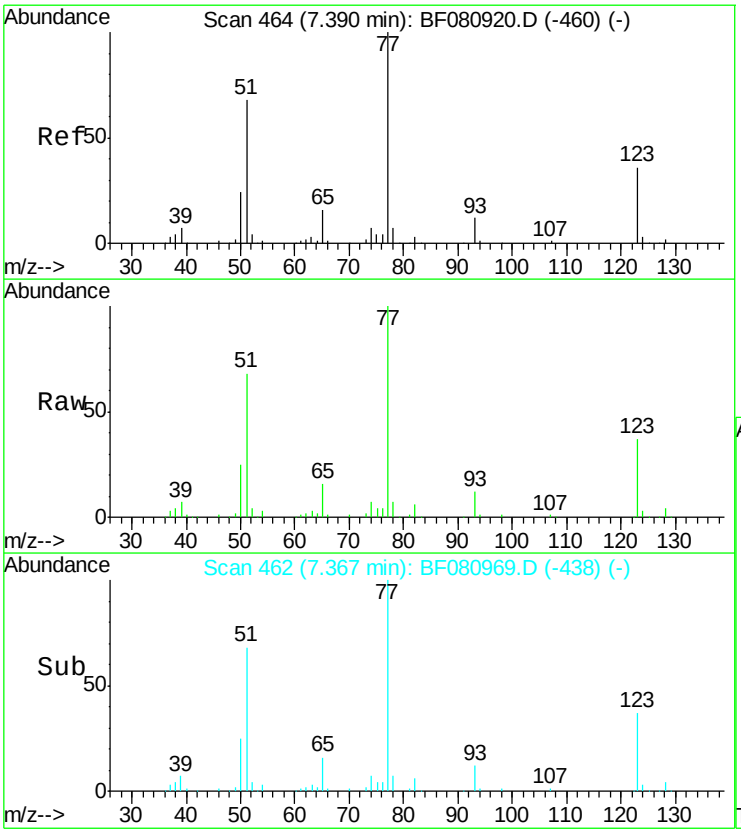

#23
Nitrobenzene-d5
Concen: 90.81 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion: 82 Resp: 408776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.3 | 34.1 | 51.1 |
| 54 | 61.2 | 46.5 | 69.7 |

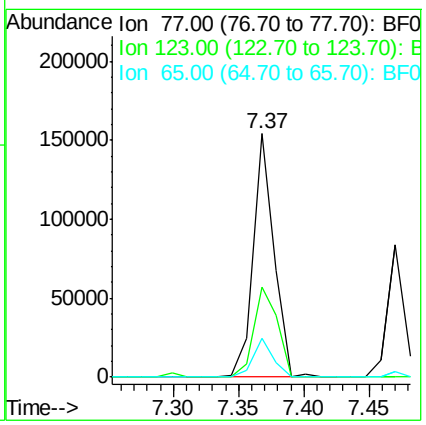


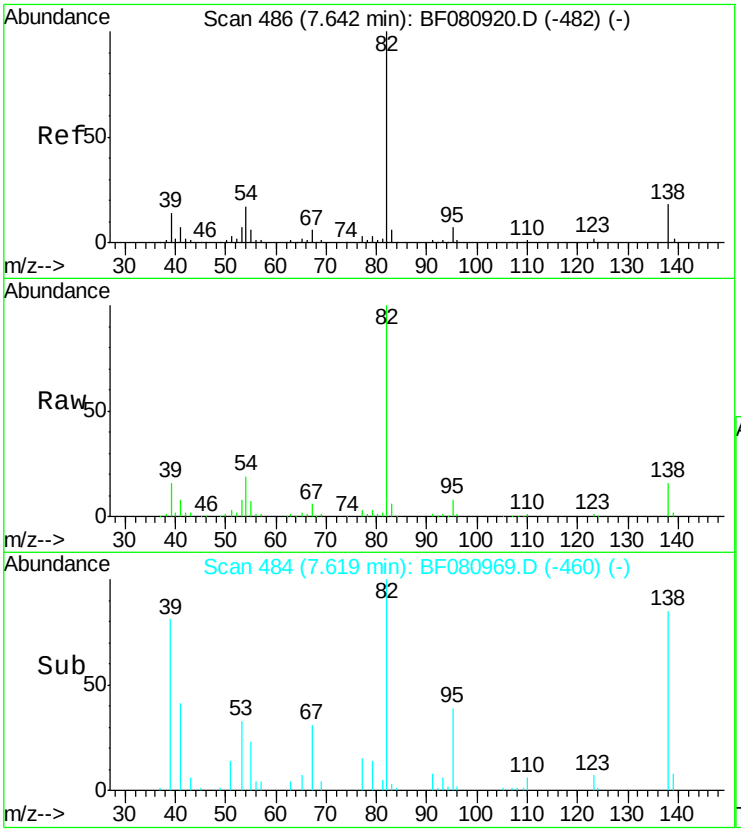




#24
Nitrobenzene
Concen: 37.07 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 77 Resp: 171788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 37.2 | 28.7 | 43.1 |
| 65 | 15.8 | 12.5 | 18.7 |



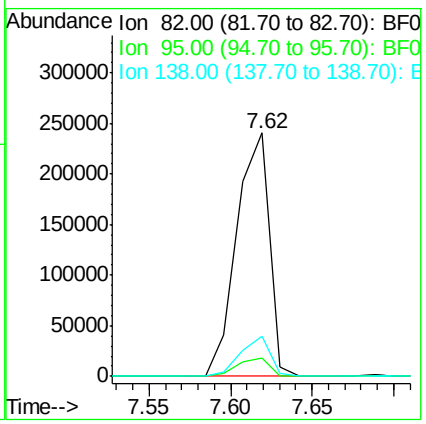


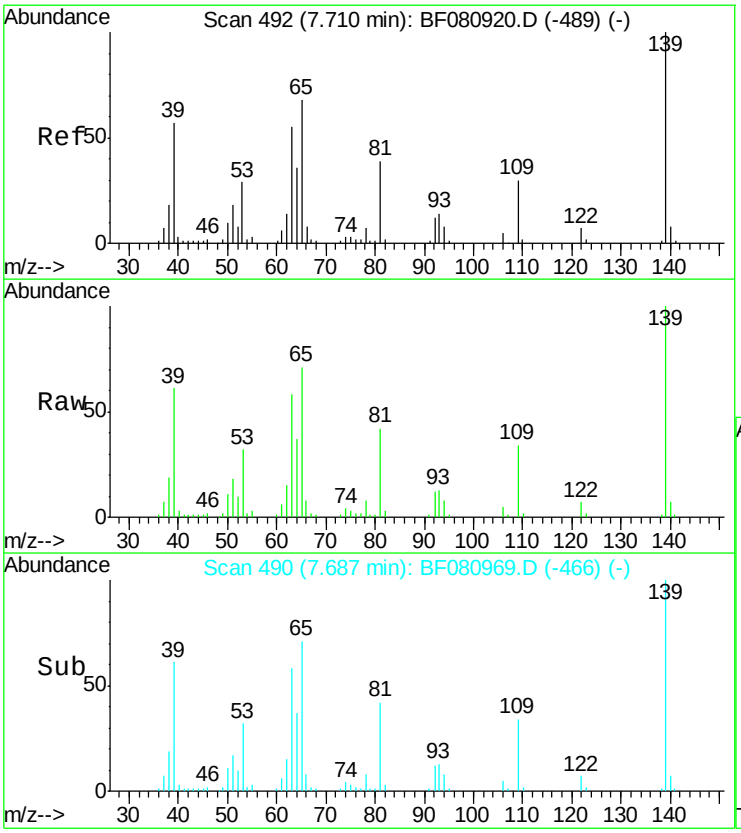

#25
Isophorone
Concen: 38.42 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion: 82 Resp: 332602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.7 | 5.8 | 8.6 |
| 138 | 16.4 | 14.1 | 21.1 |

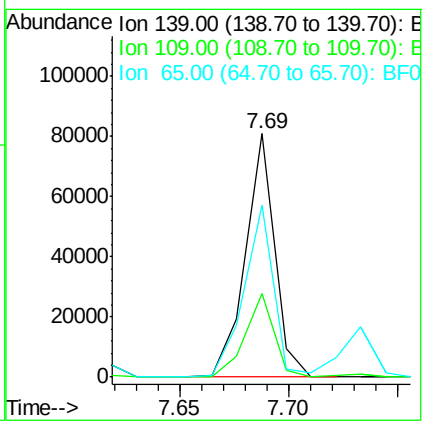


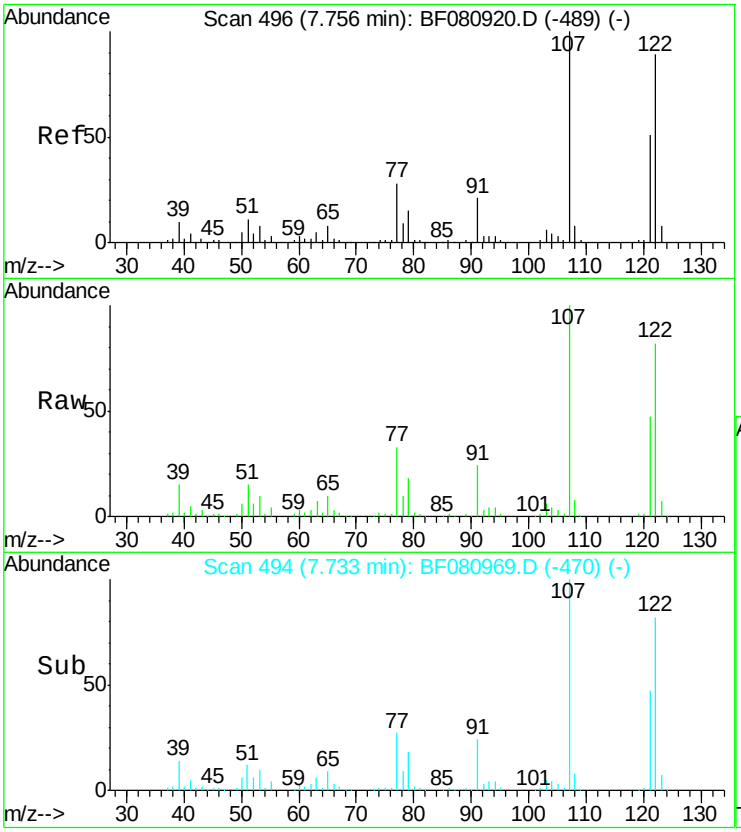




#26
2-Nitrophenol
Concen: 38.71 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:139 Resp: 75496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 34.1 | 24.1 | 36.1 |
| 65 | 70.8 | 54.0 | 81.0 |



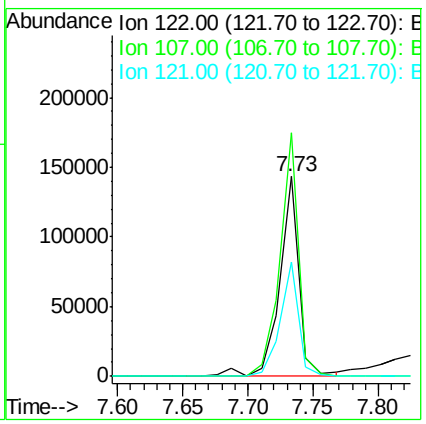


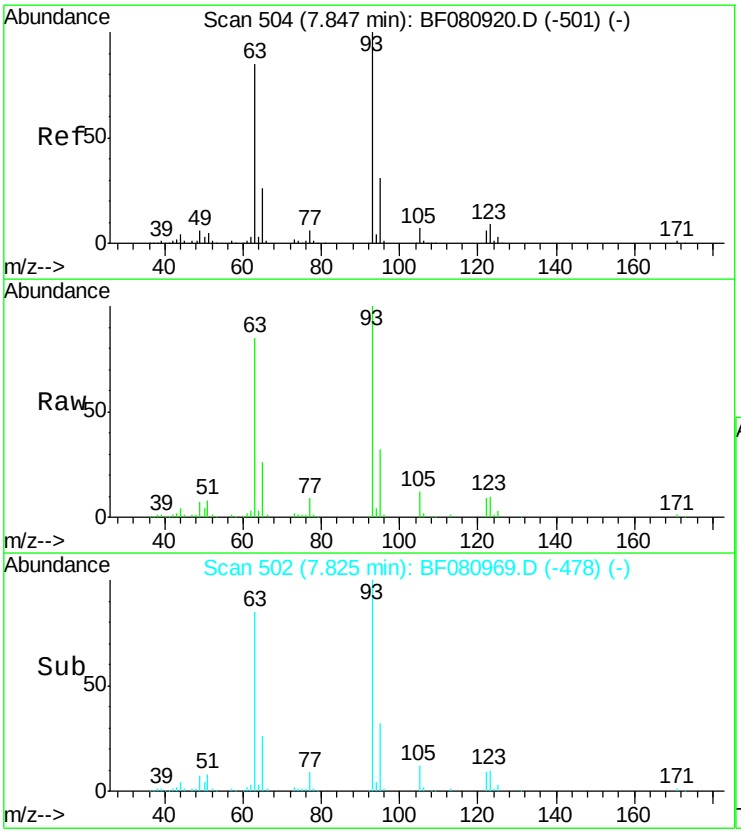

#27
2,4-Dimethylphenol
Concen: 40.88 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:122 Resp: 149268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 122.0 | 90.2 | 135.4 |
| 121 | 57.4 | 46.0 | 69.0 |

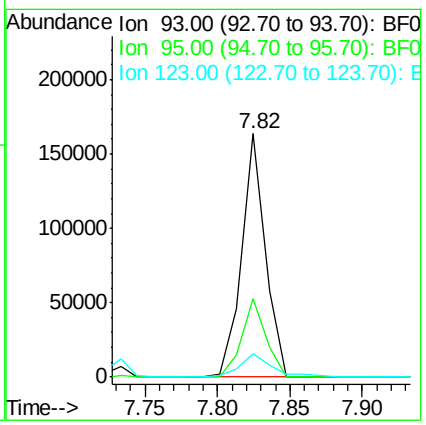


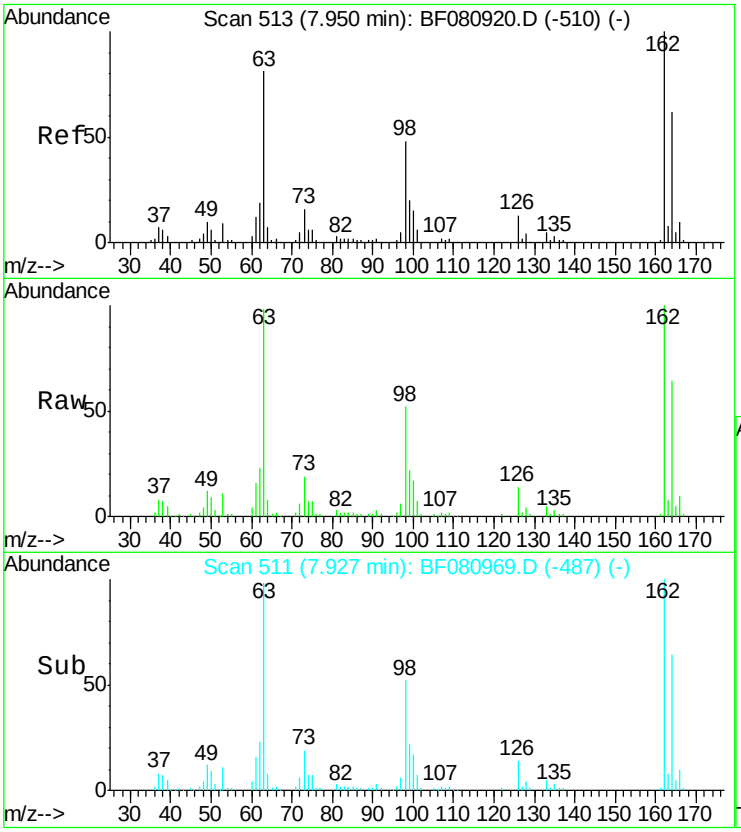




#28
bis(2-Chloroethoxy)methane
Concen: 35.69 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 93 Resp: 185469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.1 | 25.0 | 37.4 |
| 123 | 9.7 | 7.4 | 11.0 |



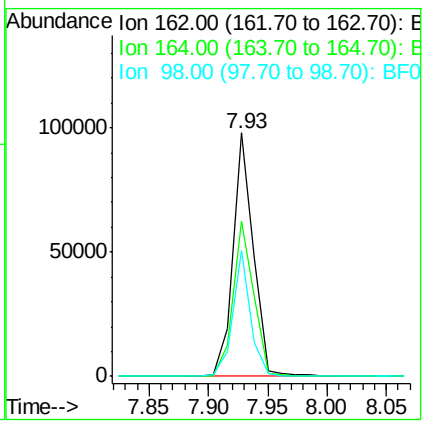


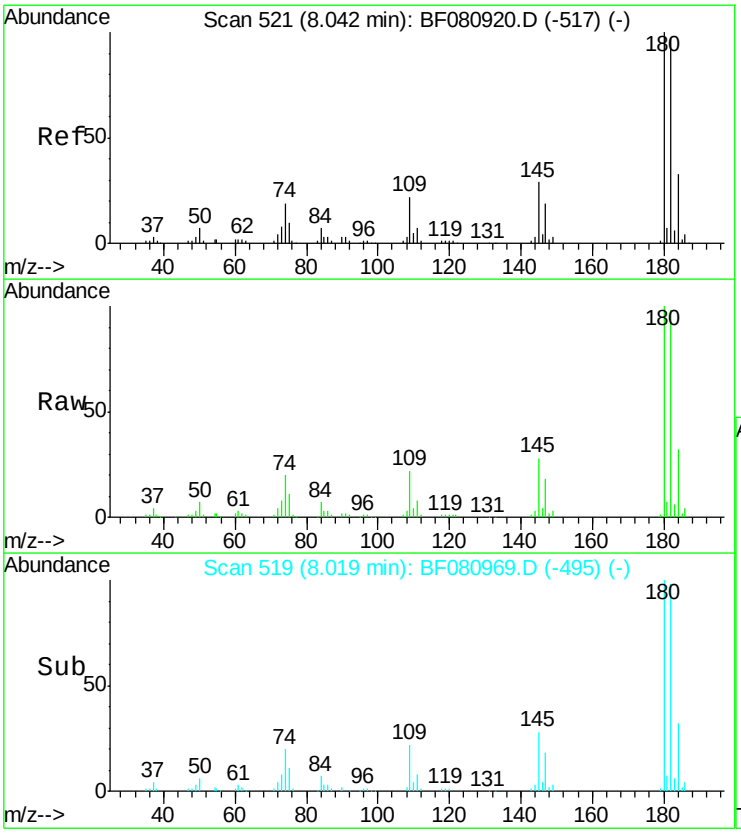

#29
2,4-Dichlorophenol
Concen: 38.81 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:162 Resp: 116436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 42.3 | 82.3 |
| 98 | 51.9 | 27.7 | 67.7 |

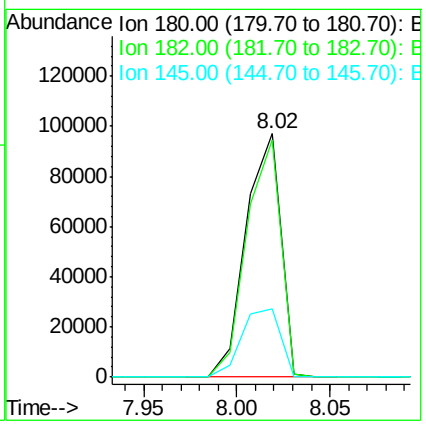


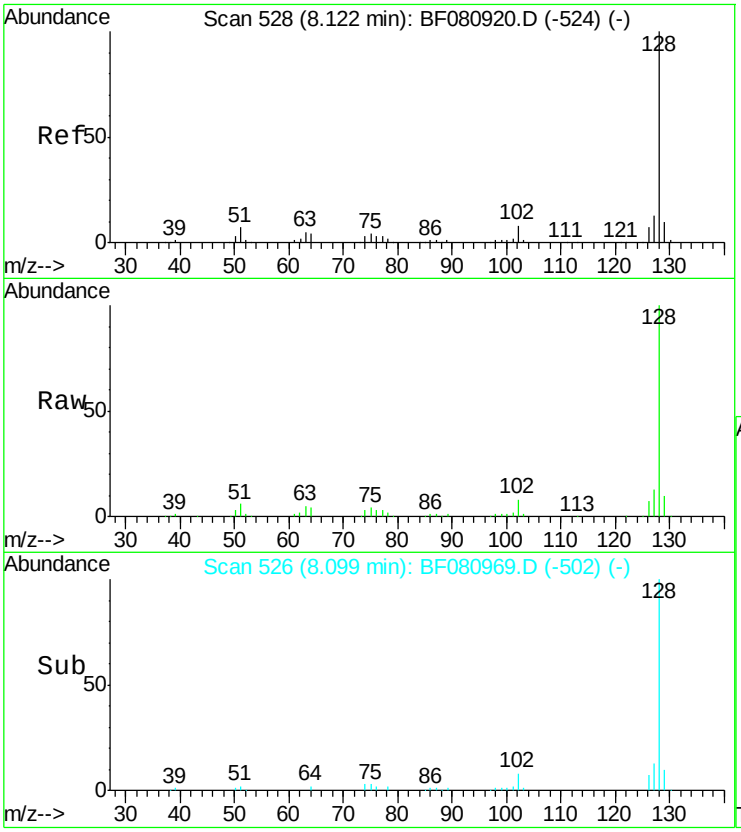




#30
1,2,4-Trichlorobenzene
Concen: 38.24 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:180 Resp: 125413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.5 | 77.4 | 116.0 |
| 145 | 28.2 | 23.2 | 34.8 |



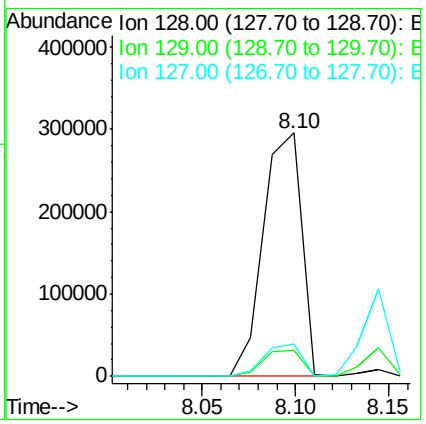


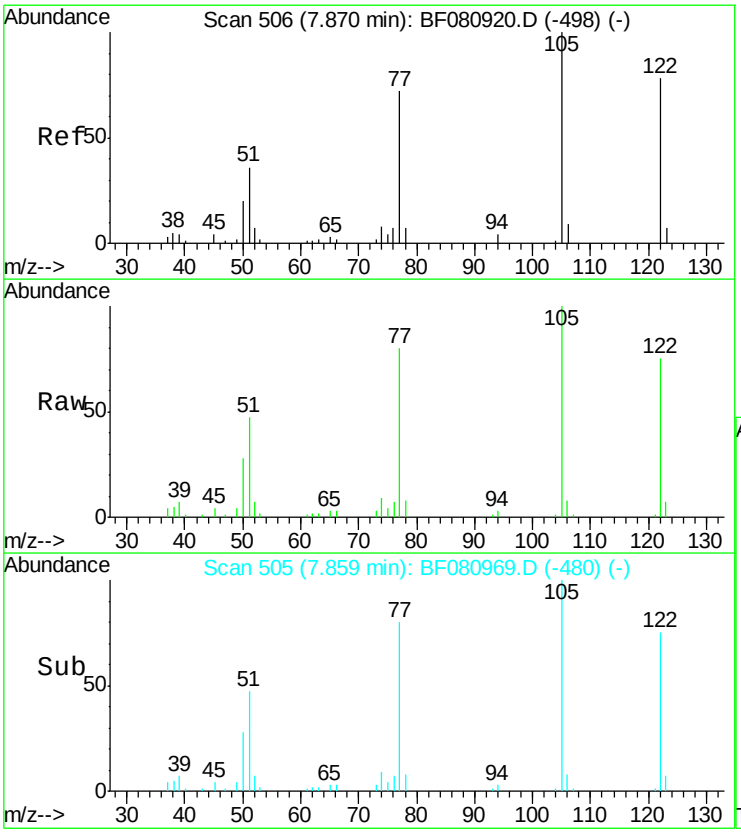

#31
Naphthalene
Concen: 35.97 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:128 Resp: 422094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.4 | 8.4 | 12.6 |
| 127 | 13.1 | 10.5 | 15.7 |

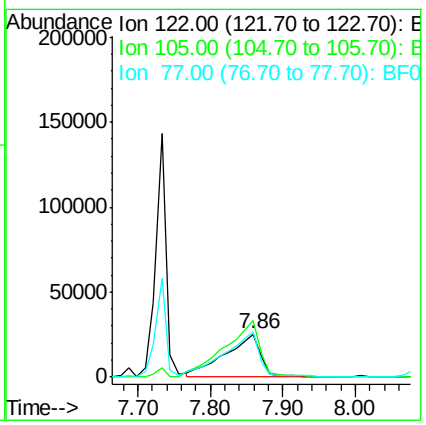


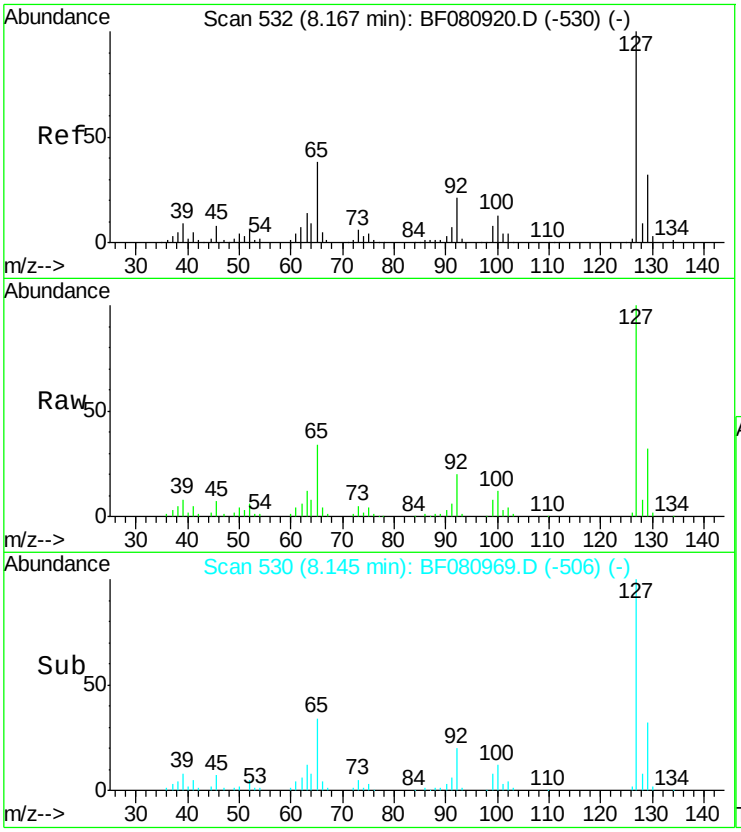




#32
Benzoic acid
Concen: 40.37 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:122 Resp: 88245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 133.5 | 103.6 | 143.6 |
| 77 | 106.5 | 70.4 | 110.4 |



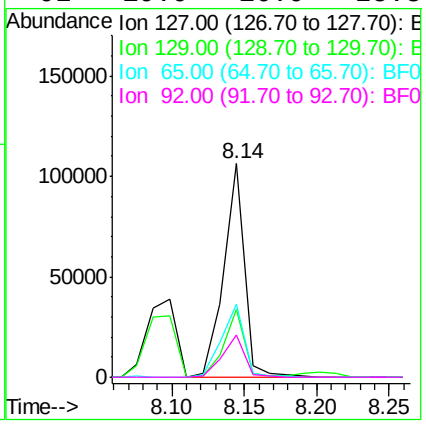


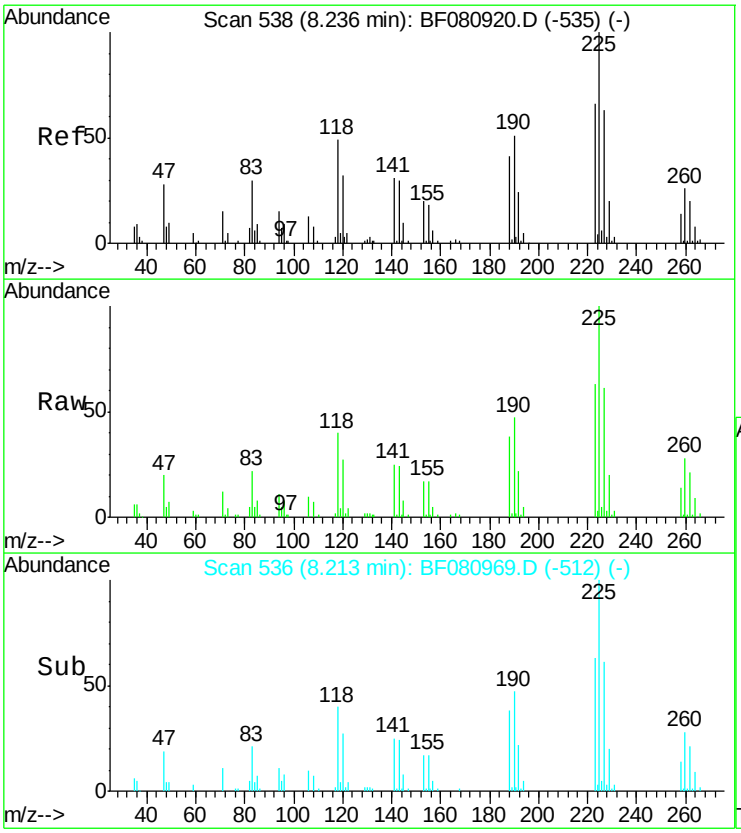

#33
4-Chloroaniline
Concen: 22.20 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:127 Resp: 105906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 25.9 | 38.9 |
| 65 | 34.4 | 30.6 | 45.8 |
| 92 | 19.9 | 16.9 | 25.3 |

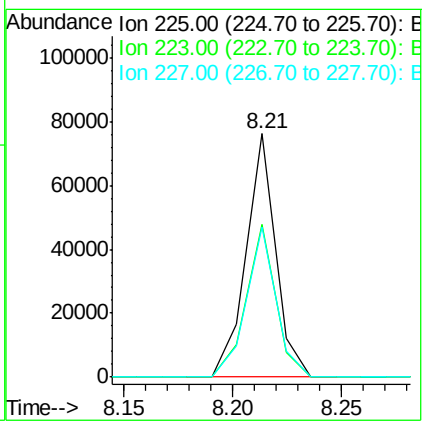


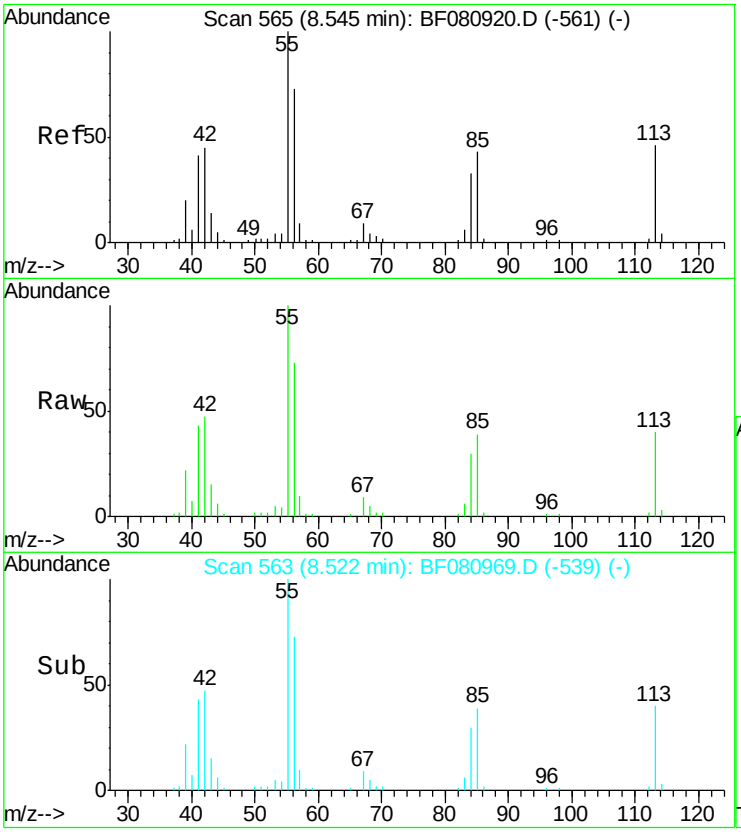




#34
Hexachlorobutadiene
Concen: 36.87 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:225 Resp: 71940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.6 | 52.5 | 78.7 |
| 227 | 61.4 | 50.3 | 75.5 |



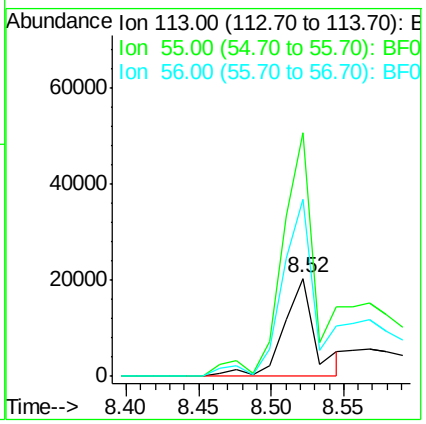


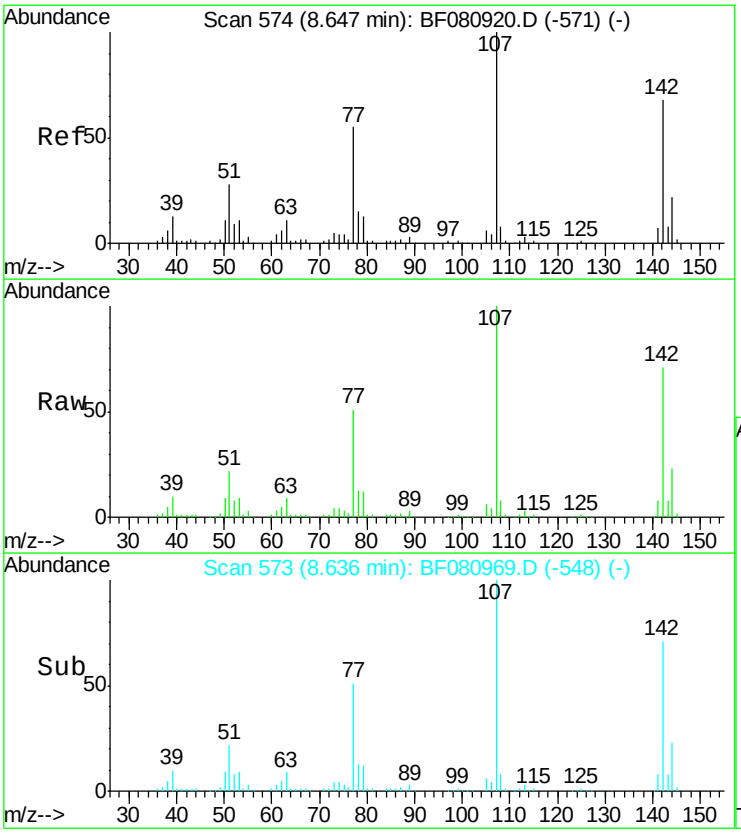

#35
Caprolactam
Concen: 28.23 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:113 Resp: 30473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 248.0 | 196.4 | 236.4# |
| 56 | 179.9 | 137.9 | 177.9# |

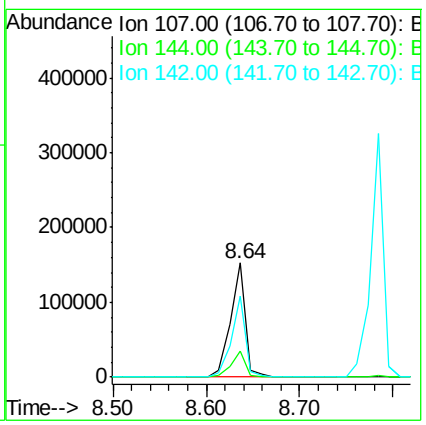


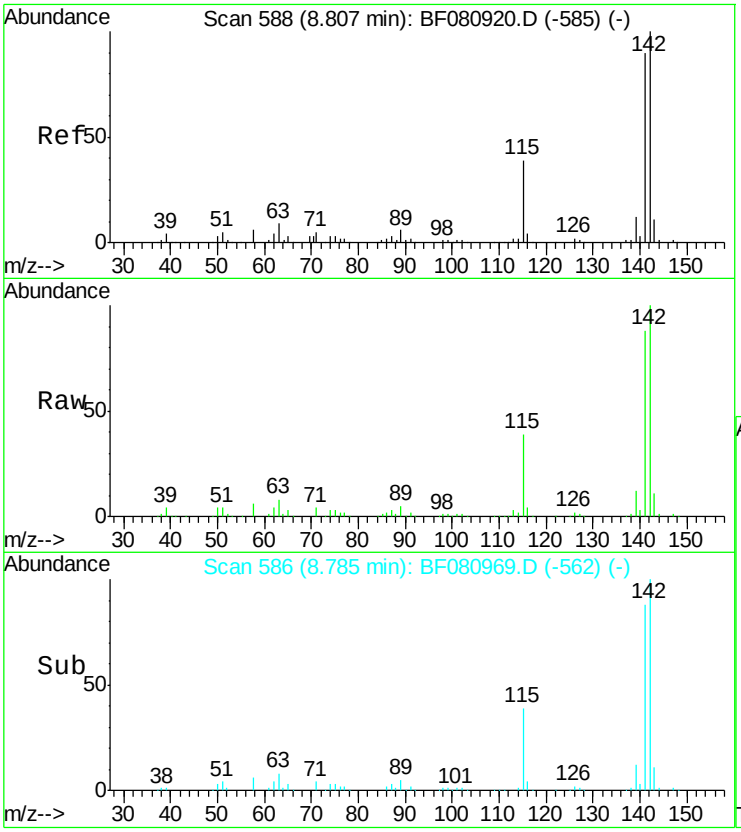




#36
4-Chloro-3-methylphenol
Concen: 46.79 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:107 Resp: 171303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.3 | 17.3 | 25.9 |
| 142 | 71.4 | 54.4 | 81.6 |



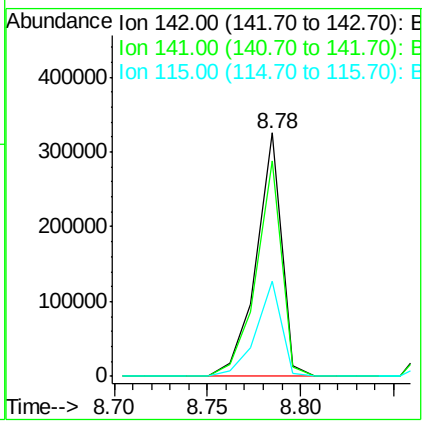


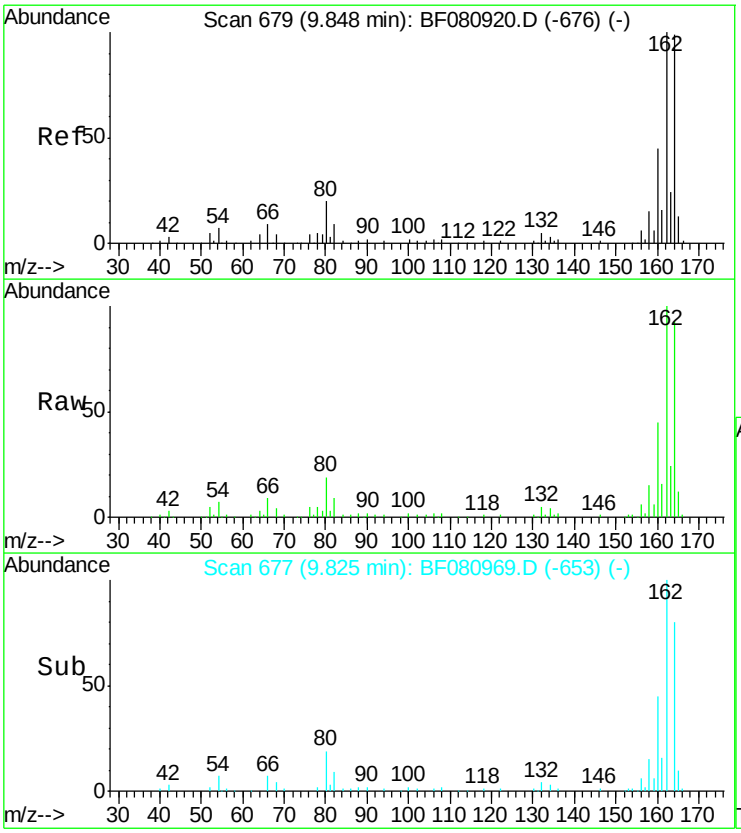

#37
2-Methylnaphthalene
Concen: 41.75 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:142 Resp: 311888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 71.7 | 107.5 |
| 115 | 39.0 | 30.9 | 46.3 |

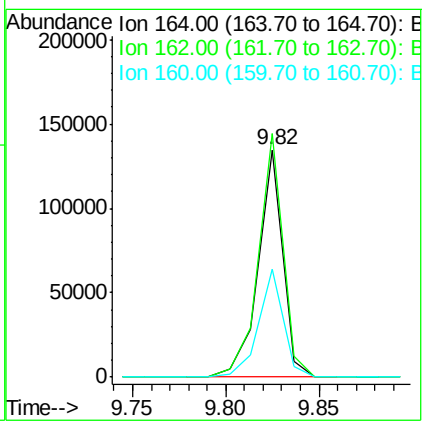


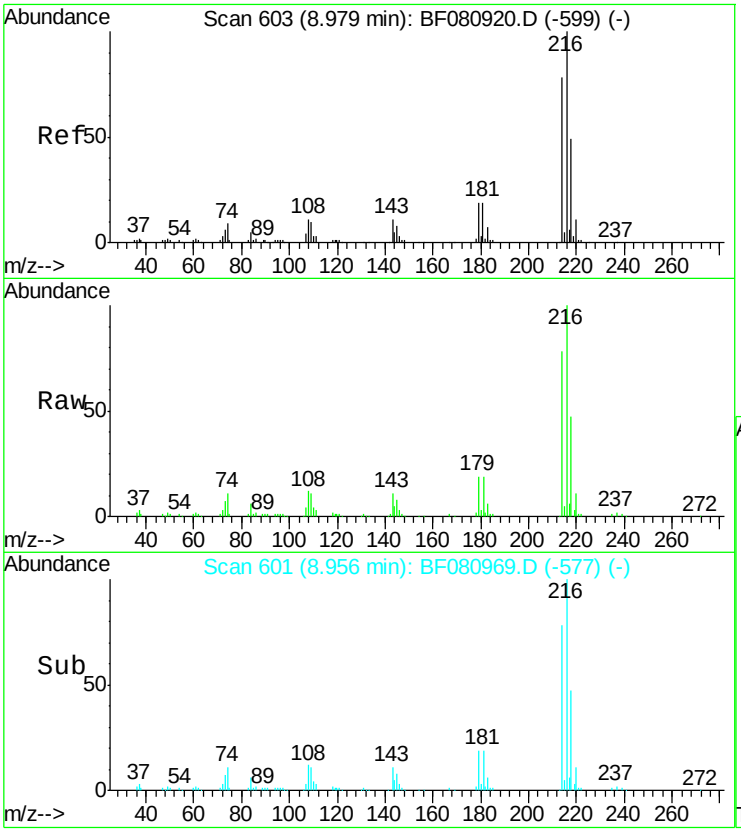




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:164 Resp: 121596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.0 | 80.5 | 120.7 |
| 160 | 47.7 | 36.6 | 54.8 |



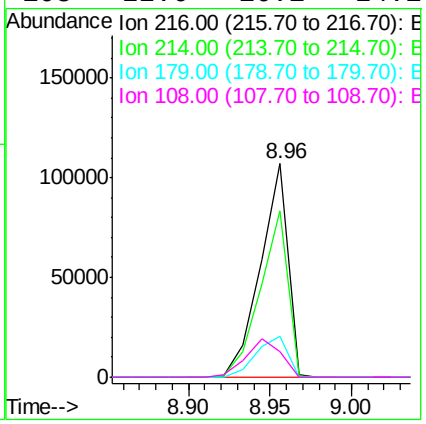


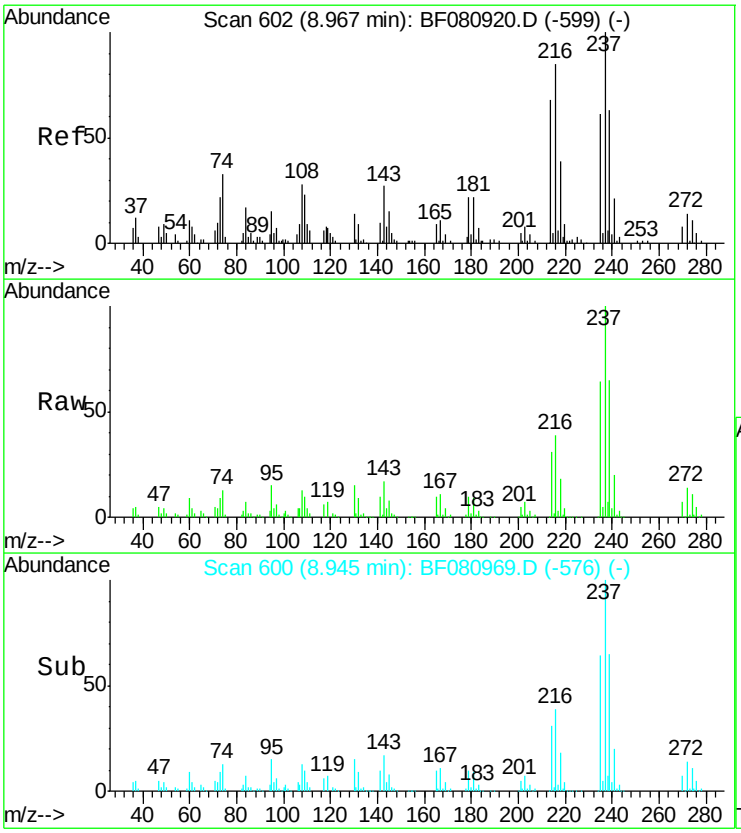

#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.64 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:216 Resp: 126102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 63.0 | 94.4 |
| 179 | 21.6 | 17.2 | 25.8 |
| 108 | 22.6 | 16.1 | 24.1 |

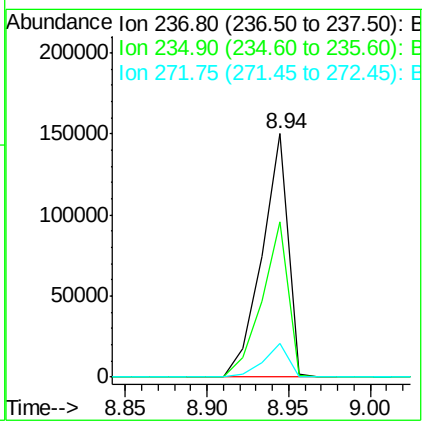


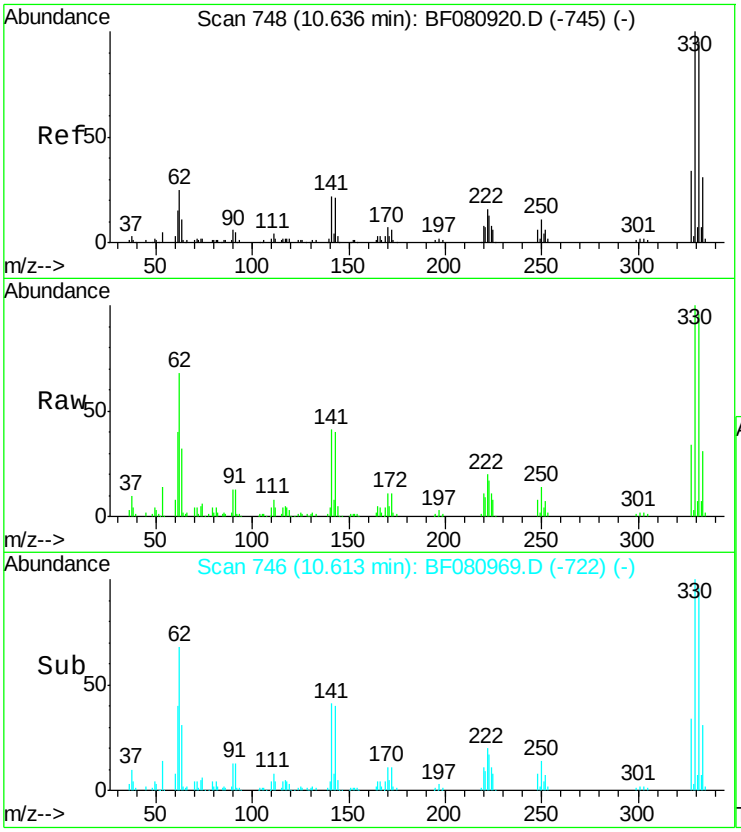




#40
Hexachlorocyclopentadiene
Concen: 82.15 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:237 Resp: 168042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.8 | 41.3 | 81.3 |
| 272 | 14.0 | 0.0 | 33.6 |



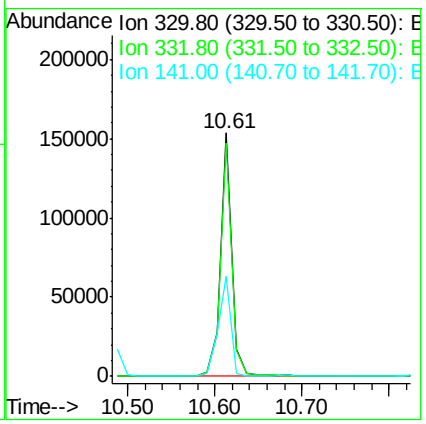


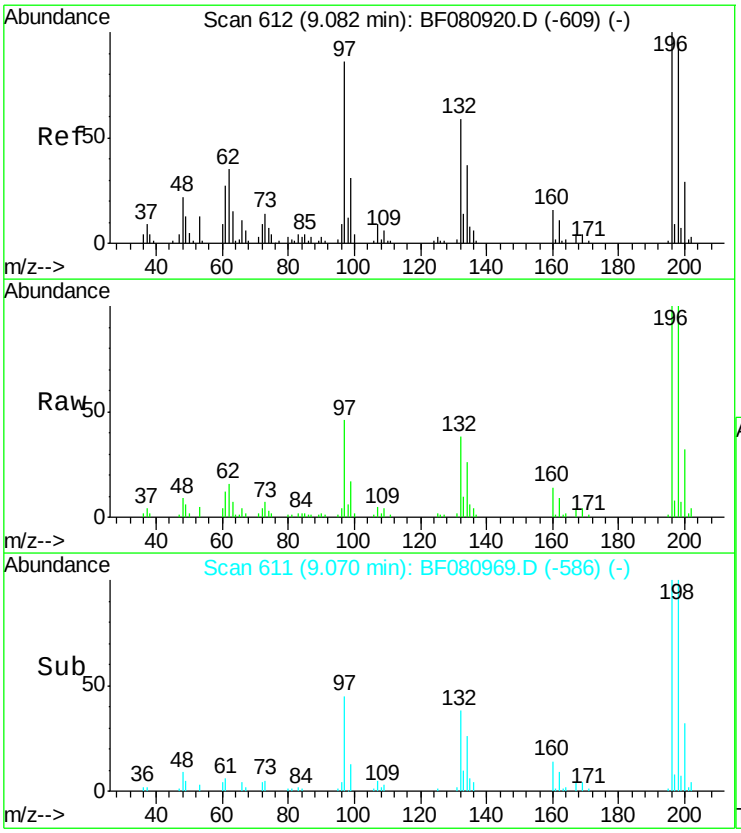

#41
2,4,6-Tribromophenol
Concen: 106.39 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:330 Resp: 142128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 76.2 | 114.4 |
| 141 | 46.1 | 27.8 | 41.8# |

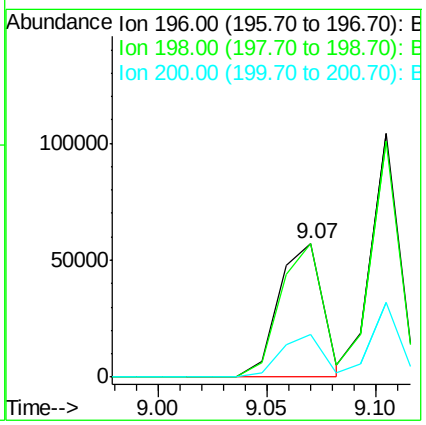


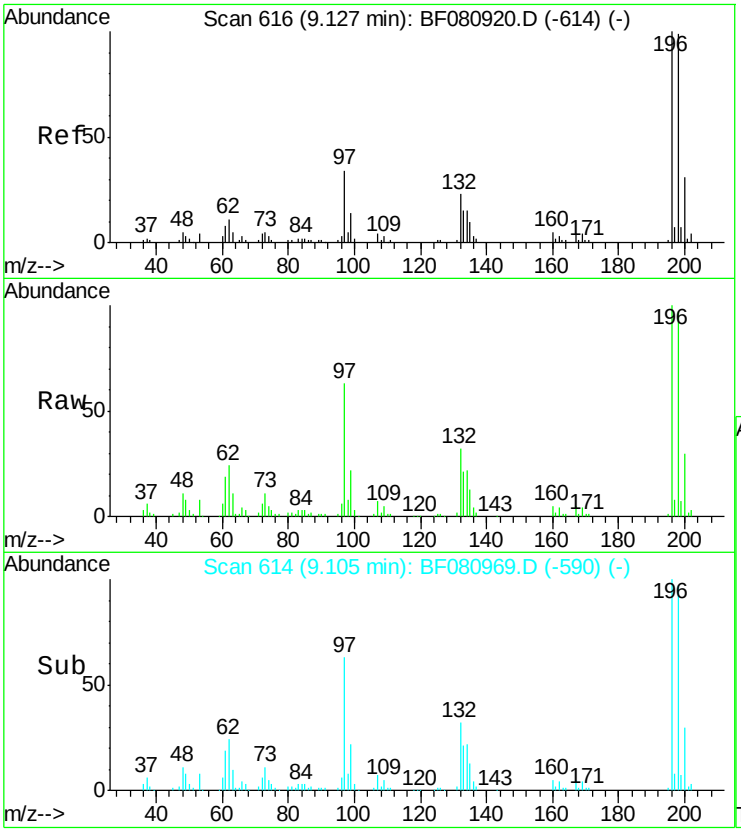




#42
2,4,6-Trichlorophenol
Concen: 29.15 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:196 Resp: 80090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.2 | 75.9 | 113.9 |
| 200 | 31.7 | 23.1 | 34.7 |



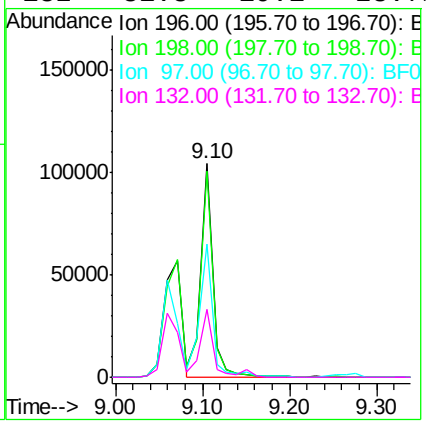


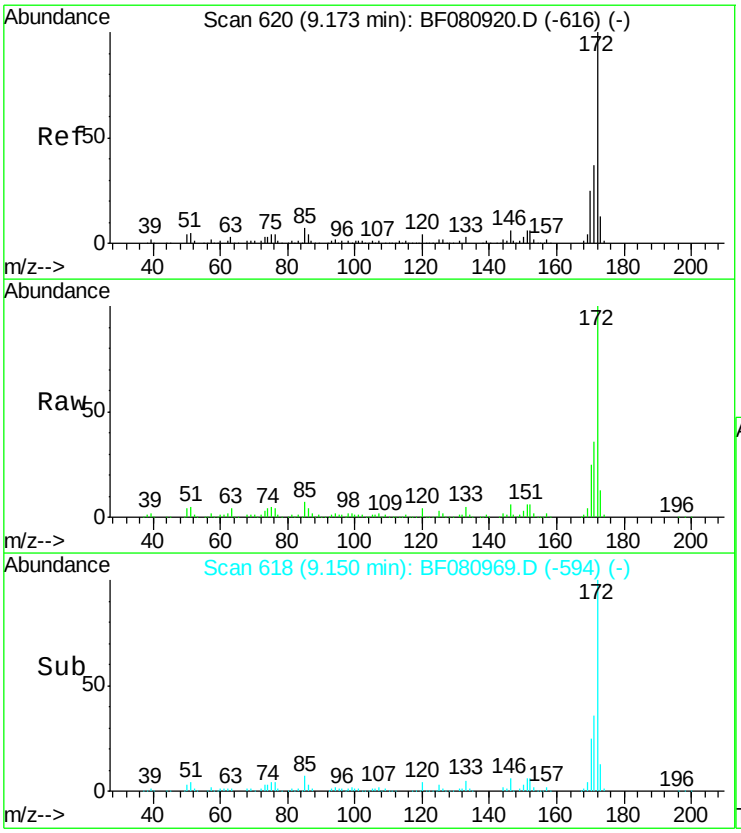

#43
2,4,5-Trichlorophenol
Concen: 36.51 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:196 Resp: 101075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.8 | 78.9 | 118.3 |
| 97 | 62.6 | 29.1 | 43.7# |
| 132 | 31.8 | 19.1 | 28.7# |

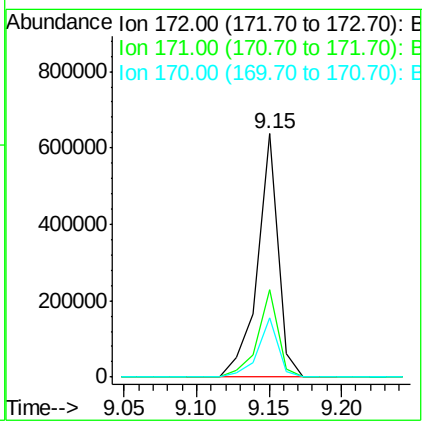


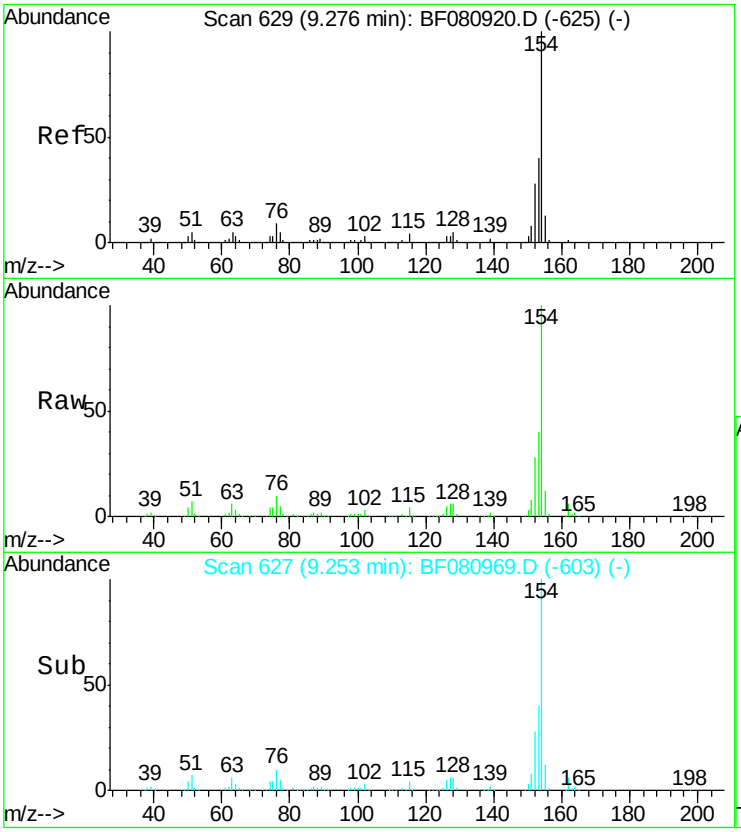




#44
2-Fluorobiphenyl
Concen: 72.50 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:172 Resp: 626223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.4 | 44.0 |
| 170 | 24.6 | 19.7 | 29.5 |



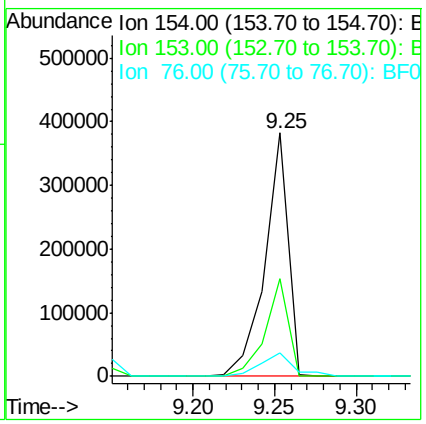


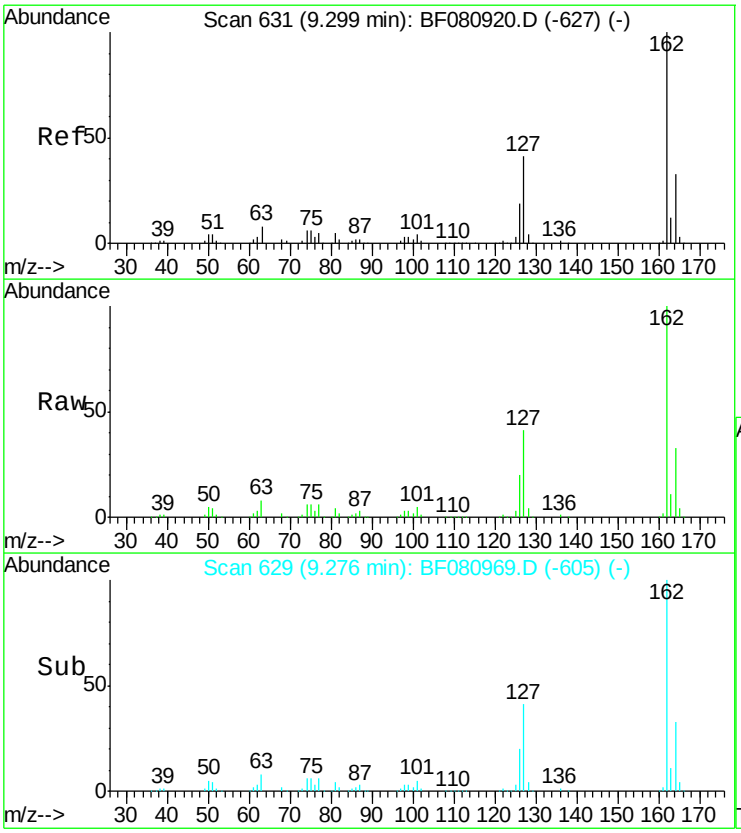

#45
1,1'-Biphenyl
Concen: 36.41 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:154 Resp: 379980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.1 | 60.1 |
| 76 | 9.6 | 0.0 | 29.3 |

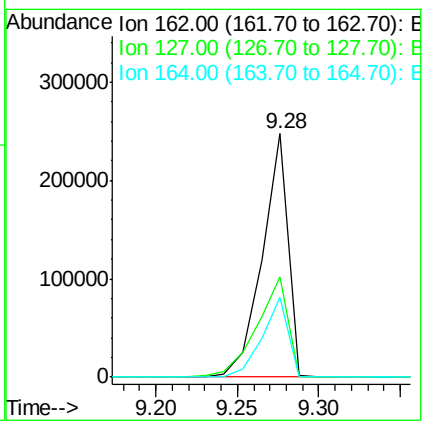


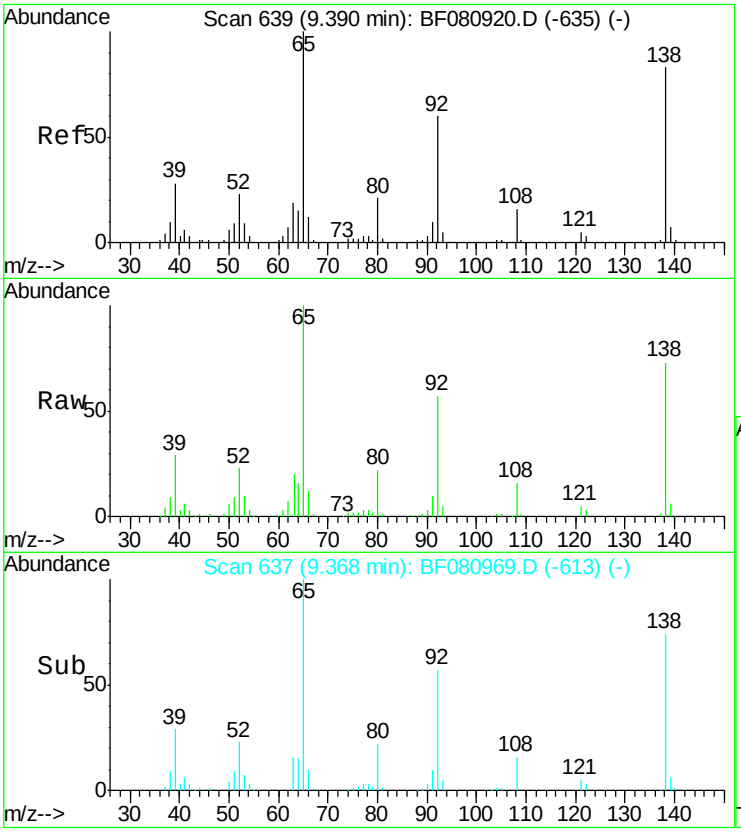




#46
2-Chloronaphthalene
Concen: 33.40 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:162 Resp: 271787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.3 | 32.5 | 48.7 |
| 164 | 32.7 | 26.2 | 39.4 |



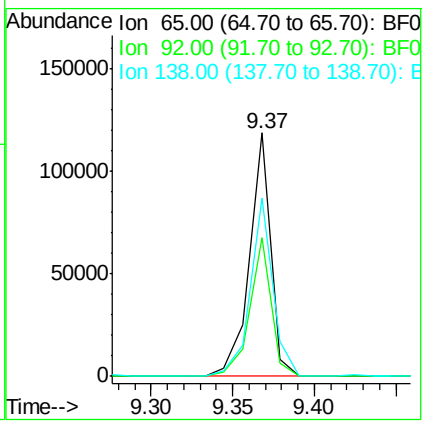


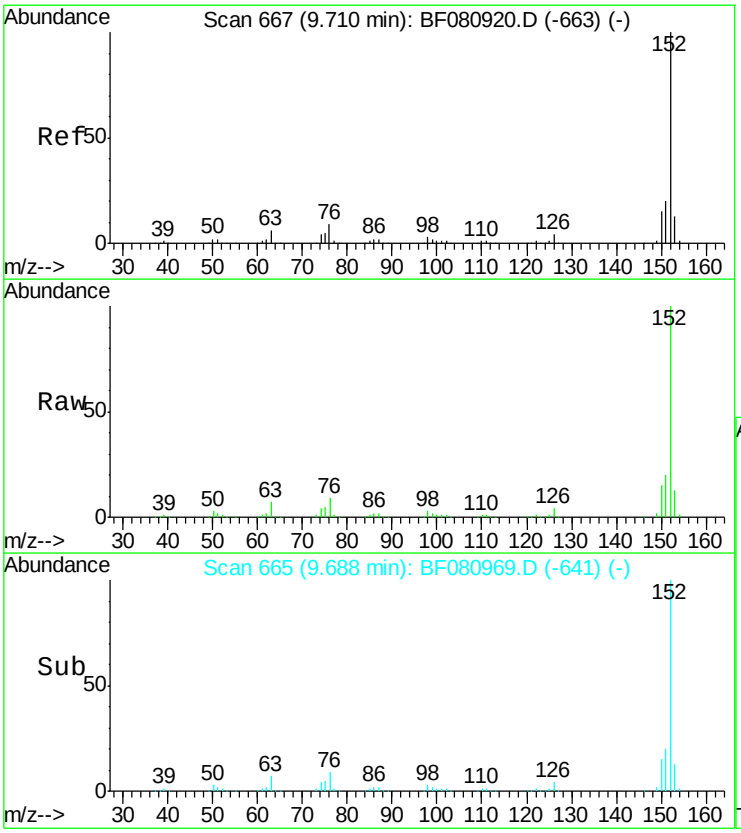

#47
2-Nitroaniline
Concen: 32.83 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion: 65 Resp: 107114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 57.0 | 48.0 | 72.0 |
| 138 | 73.3 | 66.1 | 99.1 |

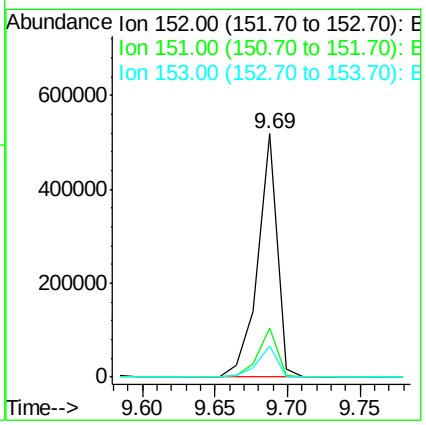


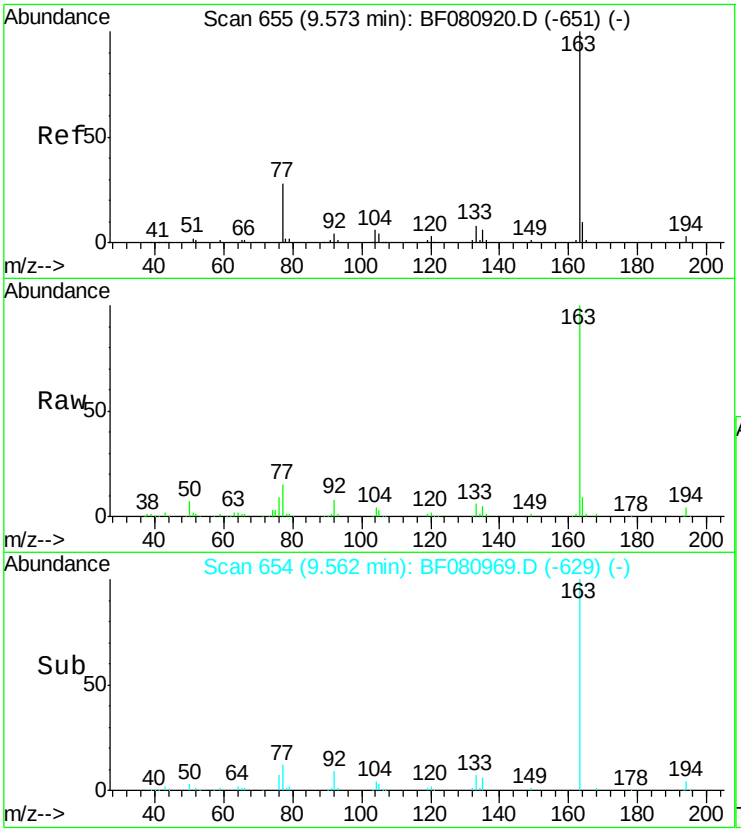




#48
Acenaphthylene
Concen: 34.03 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:152 Resp: 481345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.3 | 24.5 |
| 153 | 13.0 | 10.5 | 15.7 |



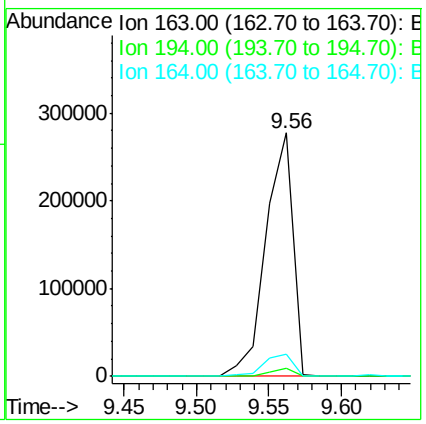


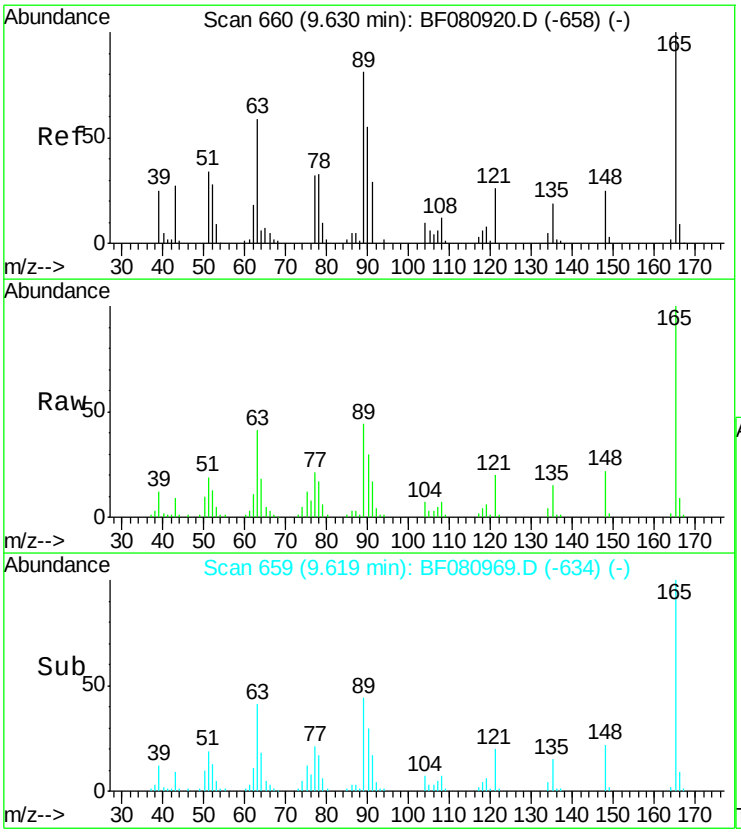

#49
Dimethylphthalate
Concen: 35.54 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:163 Resp: 358955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 2.4 | 3.6 |
| 164 | 9.3 | 8.2 | 12.4 |

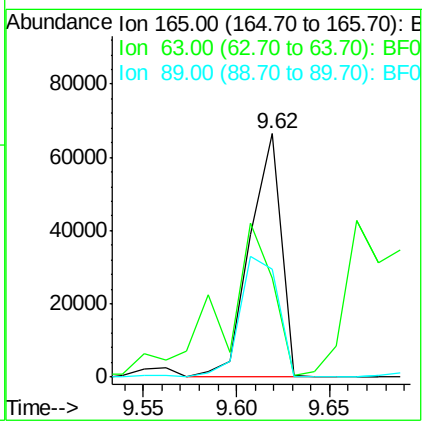


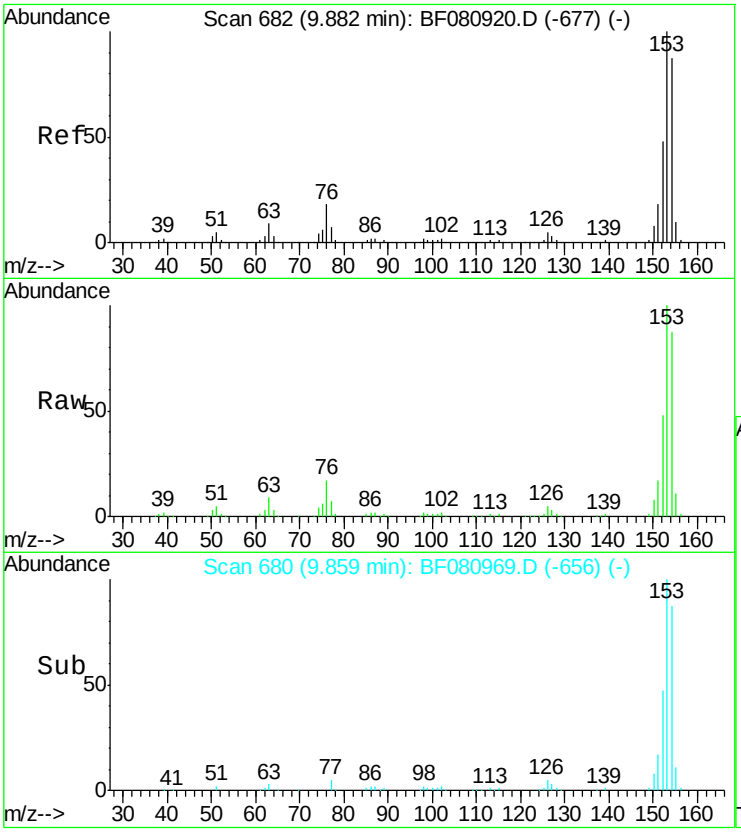




#50
2,6-Dinitrotoluene
Concen: 36.65 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:165 Resp: 76473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.8 | 77.6 | 116.4# |
| 89 | 44.2 | 64.5 | 96.7# |



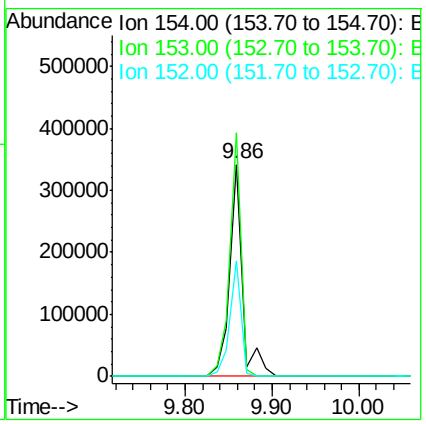


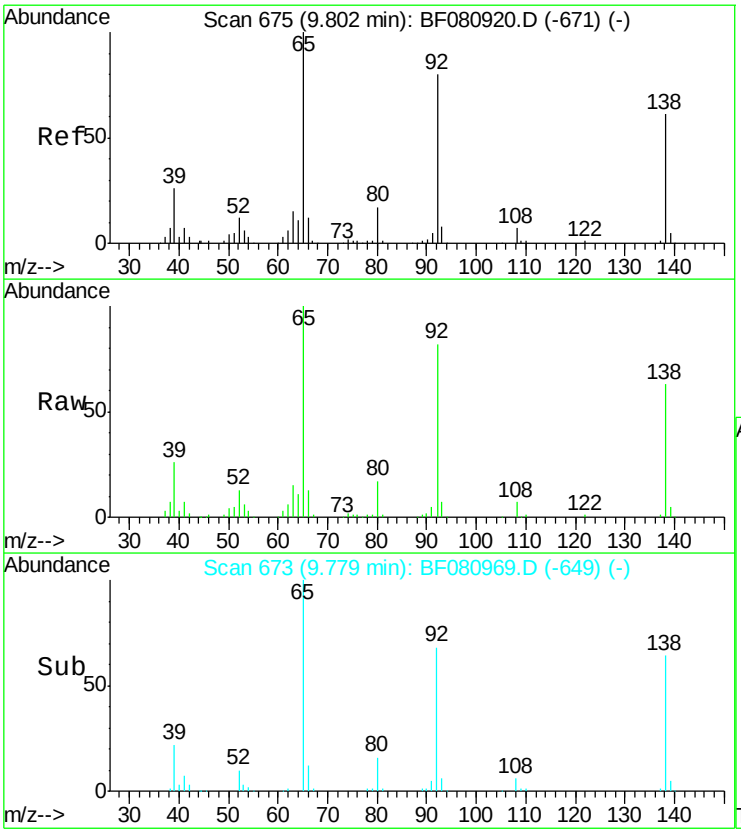

#51
Acenaphthene
Concen: 40.52 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:154 Resp: 350988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.0 | 91.4 | 137.2 |
| 152 | 54.7 | 44.2 | 66.4 |

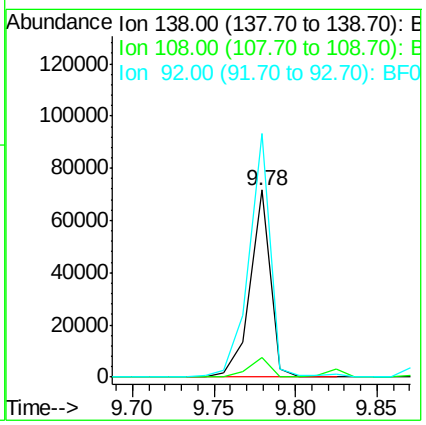


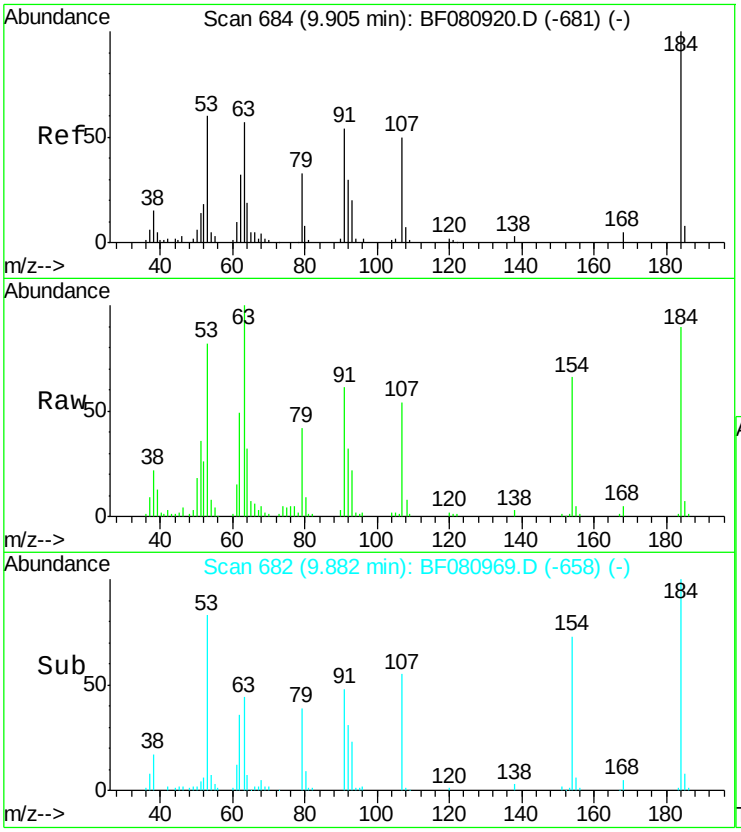




#52
3-Nitroaniline
Concen: 24.07 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:138 Resp: 61932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.7 | 8.7 | 13.1 |
| 92 | 130.3 | 104.4 | 156.6 |



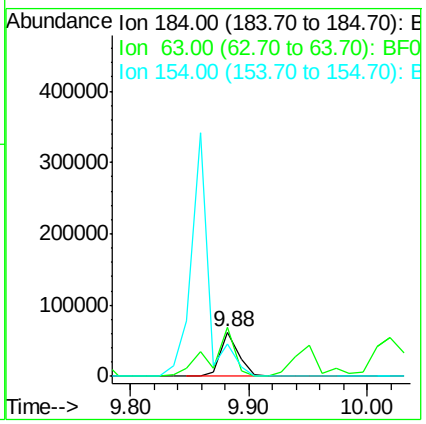


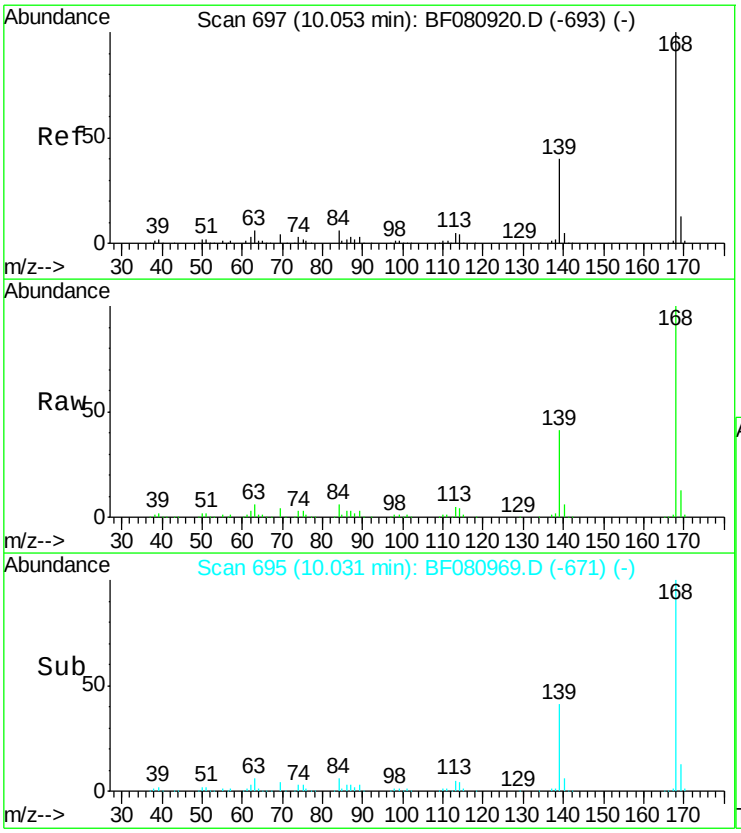

#53
2,4-Dinitrophenol
Concen: 53.86 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:184 Resp: 65520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 111.4 | 59.7 | 89.5# |
| 154 | 73.0 | 53.8 | 80.8 |

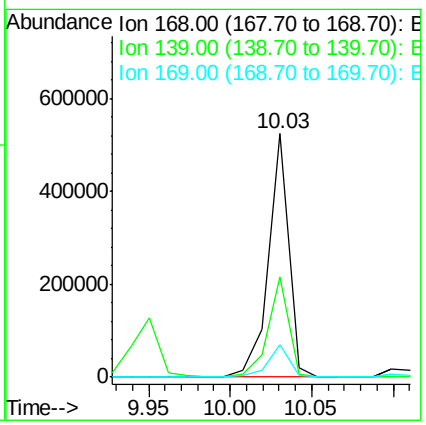


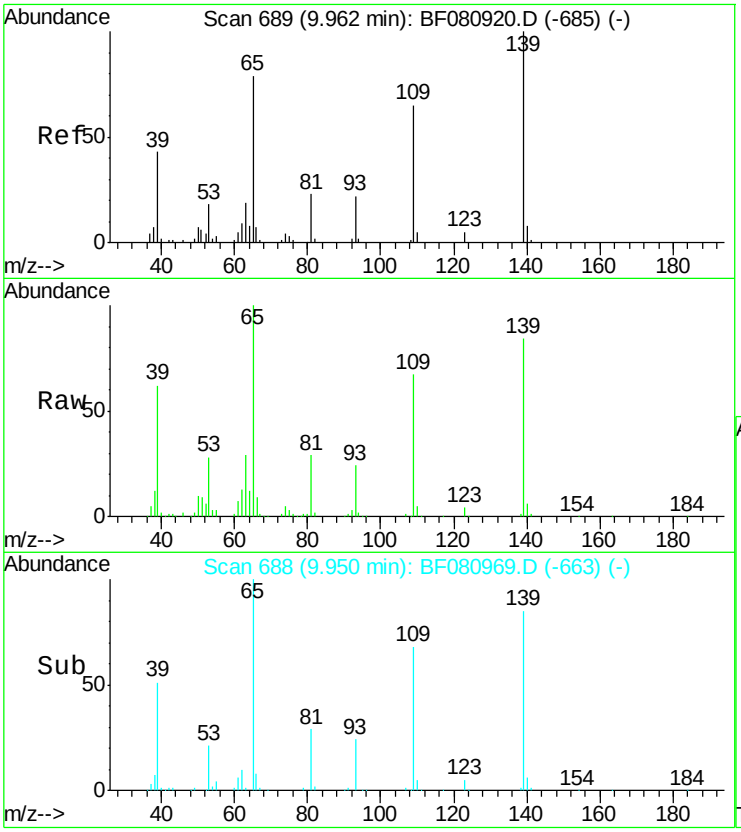




#54
Dibenzofuran
Concen: 38.93 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:168 Resp: 456066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 41.1 | 31.9 | 47.9 |
| 169 | 13.5 | 10.6 | 15.8 |



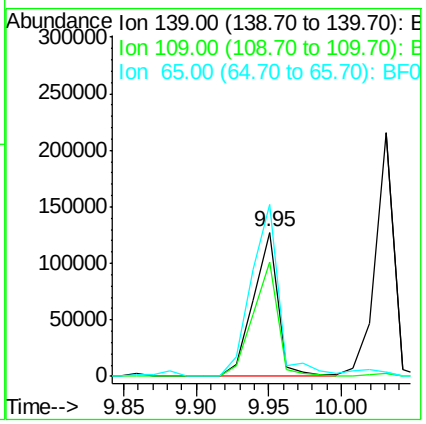


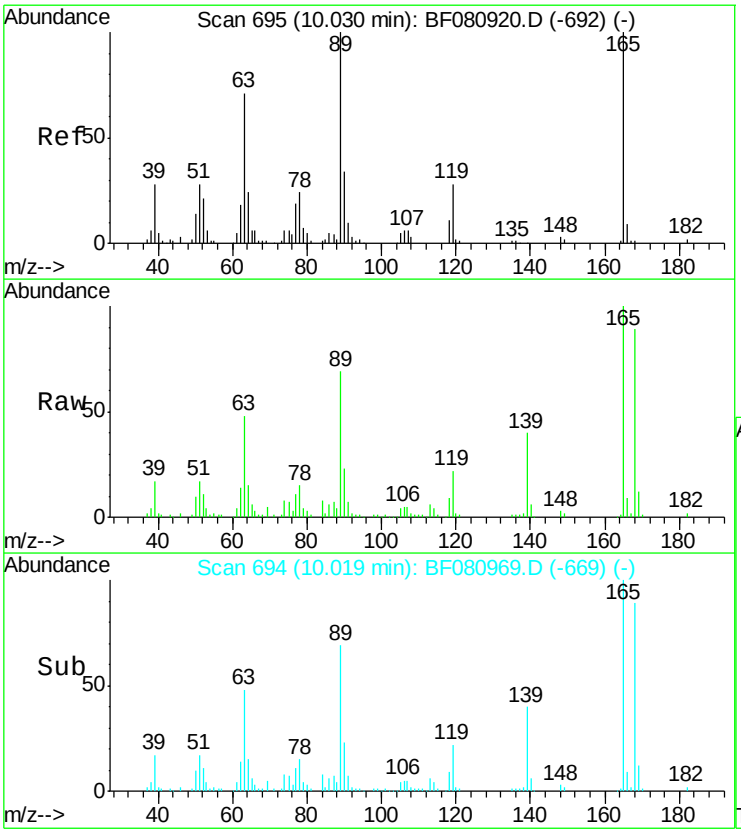

#55
4-Nitrophenol
Concen: 78.45 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:139 Resp: 151070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 80.0 | 44.7 | 84.7 |
| 65 | 119.6 | 59.5 | 99.5# |

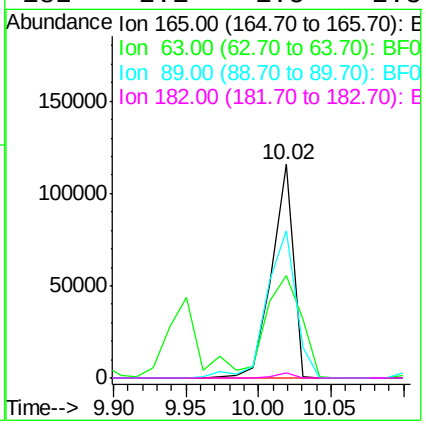


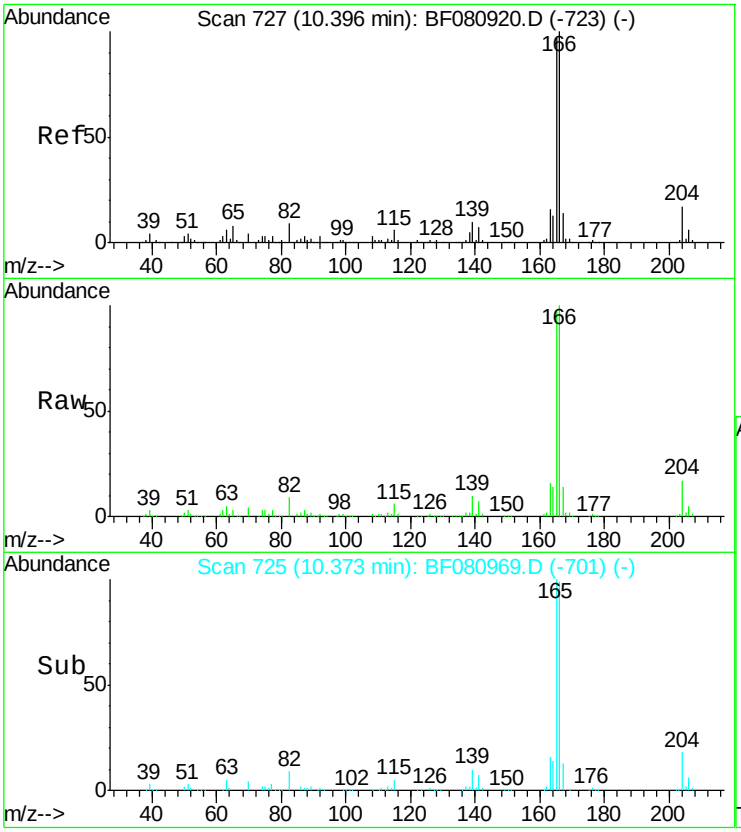




#56
2,4-Dinitrotoluene
Concen: 42.83 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:165 Resp: 119604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.7 | 56.7 | 85.1# |
| 89 | 69.0 | 80.4 | 120.6# |
| 182 | 2.1 | 1.5 | 2.3 |



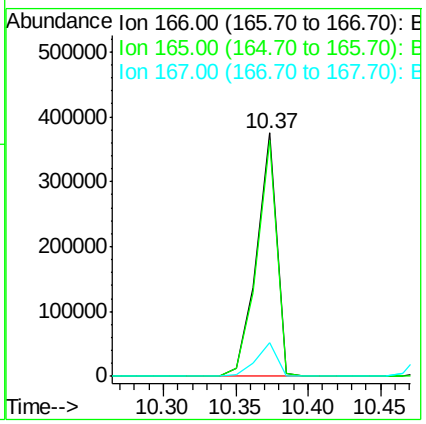


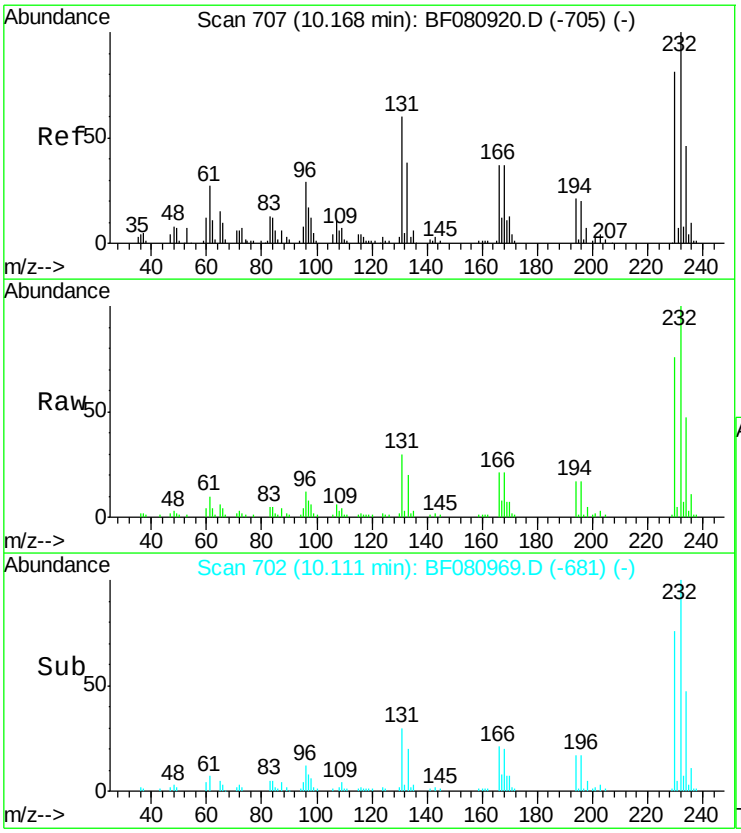

#57
Fluorene
Concen: 40.16 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:166 Resp: 363874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.8 | 77.2 | 115.8 |
| 167 | 13.9 | 10.8 | 16.2 |

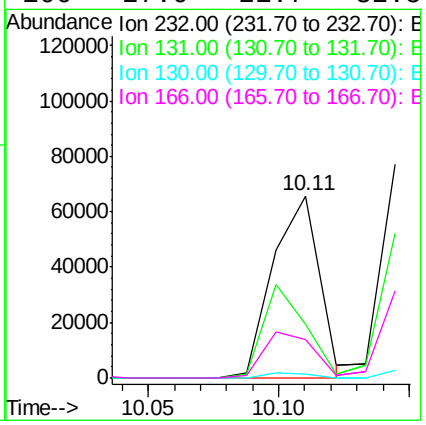


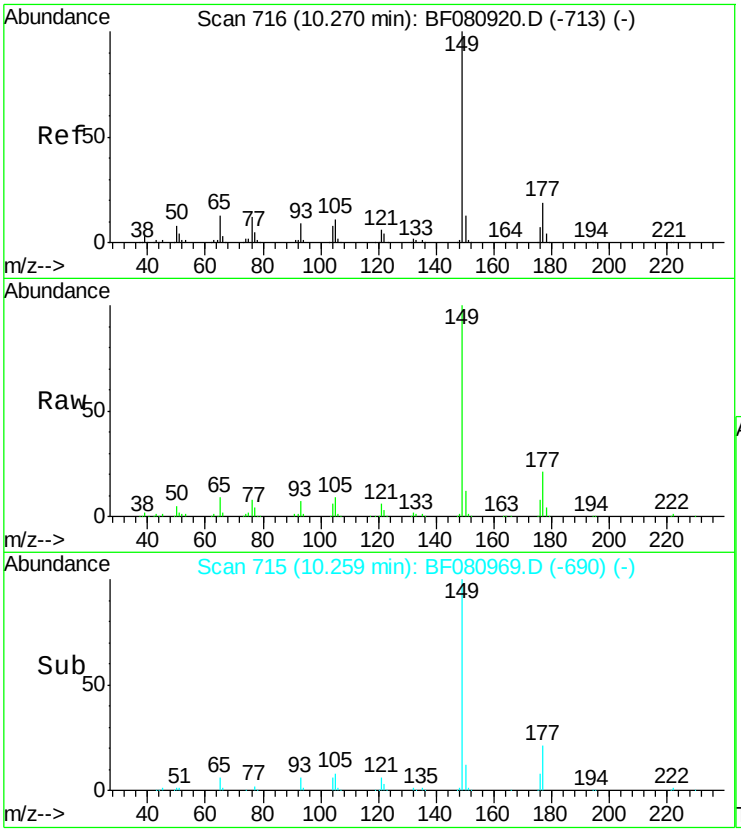




#58
2,3,4,6-Tetrachlorophenol
Concen: 37.17 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.06 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:232 Resp: 81451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 47.5 | 39.4 | 59.2 |
| 130 | 2.7 | 2.1 | 3.1 |
| 166 | 27.0 | 21.7 | 32.5 |



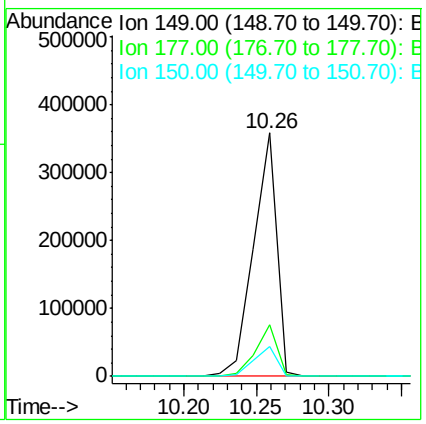


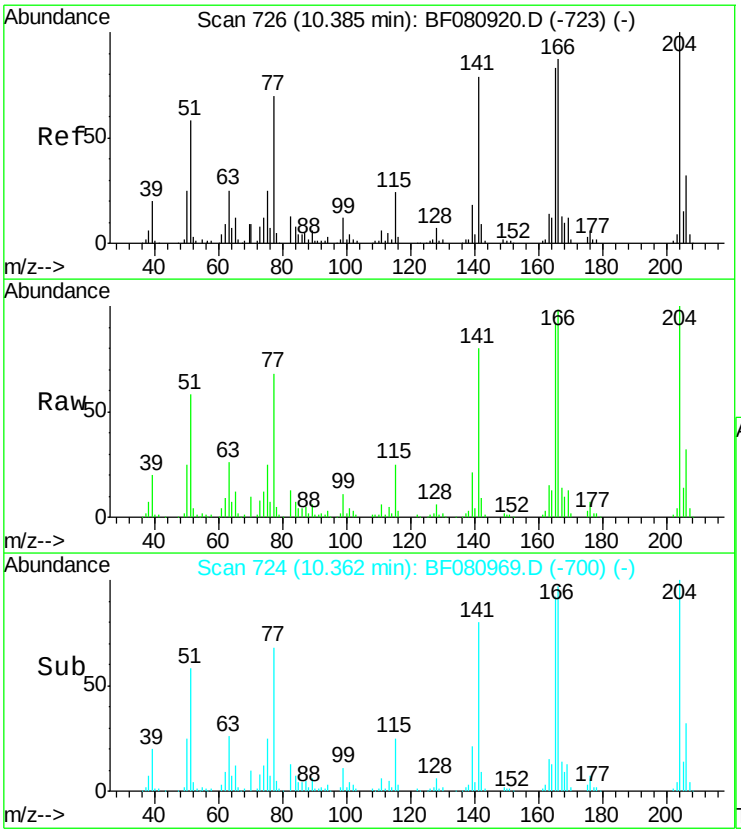

#59
Diethylphthalate
Concen: 37.83 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:149 Resp: 397735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.0 | 15.0 | 22.4 |
| 150 | 12.4 | 10.4 | 15.6 |

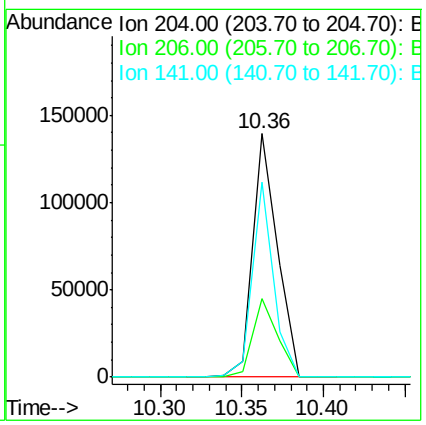


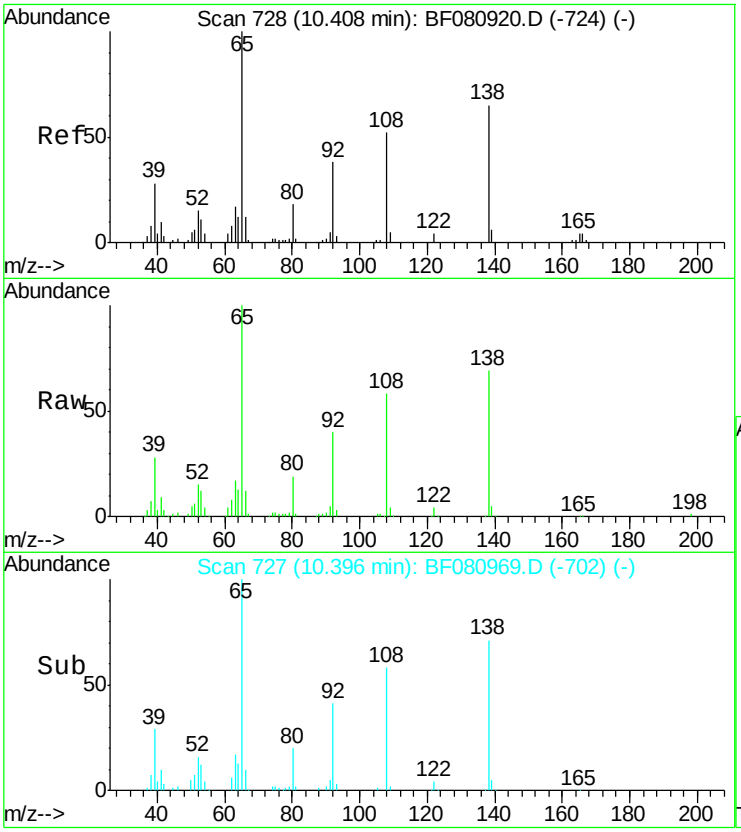




#60
4-Chlorophenyl-phenylether
Concen: 33.23 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:204 Resp: 146713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.2 | 25.5 | 38.3 |
| 141 | 79.9 | 63.4 | 95.0 |



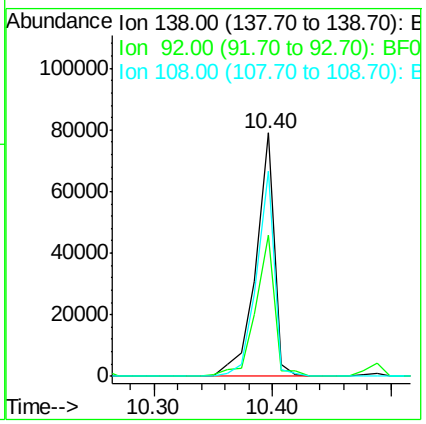


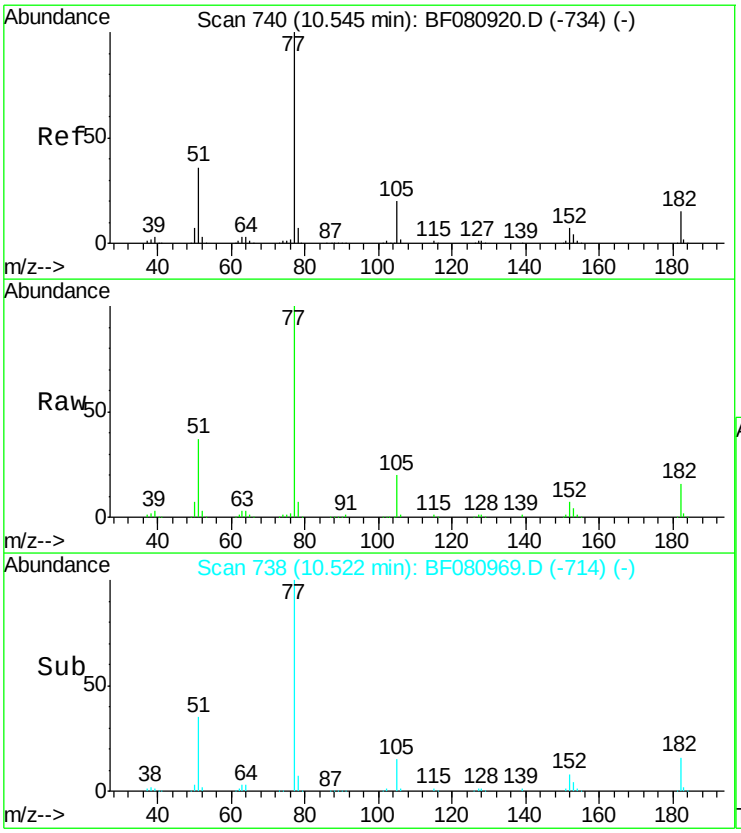

#61
4-Nitroaniline
Concen: 32.72 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:138 Resp: 86607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 58.3 | 38.1 | 78.1 |
| 108 | 84.3 | 59.9 | 99.9 |

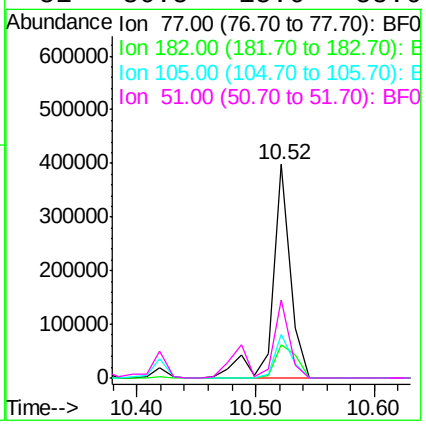


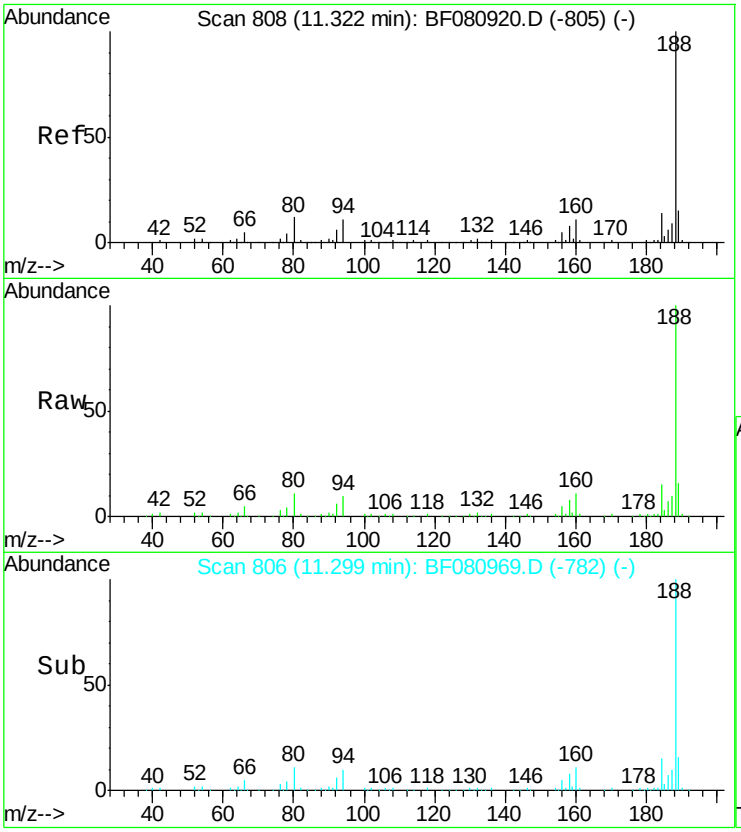




#62
Azobenzene
Concen: 35.27 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 77 Resp: 414609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 15.6 | 0.0 | 35.5 |
| 105 | 20.2 | 0.5 | 40.5 |
| 51 | 36.5 | 15.6 | 55.6 |



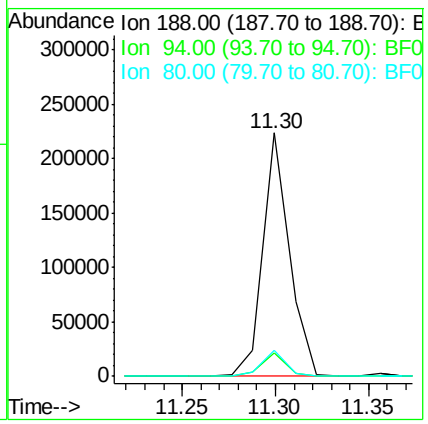


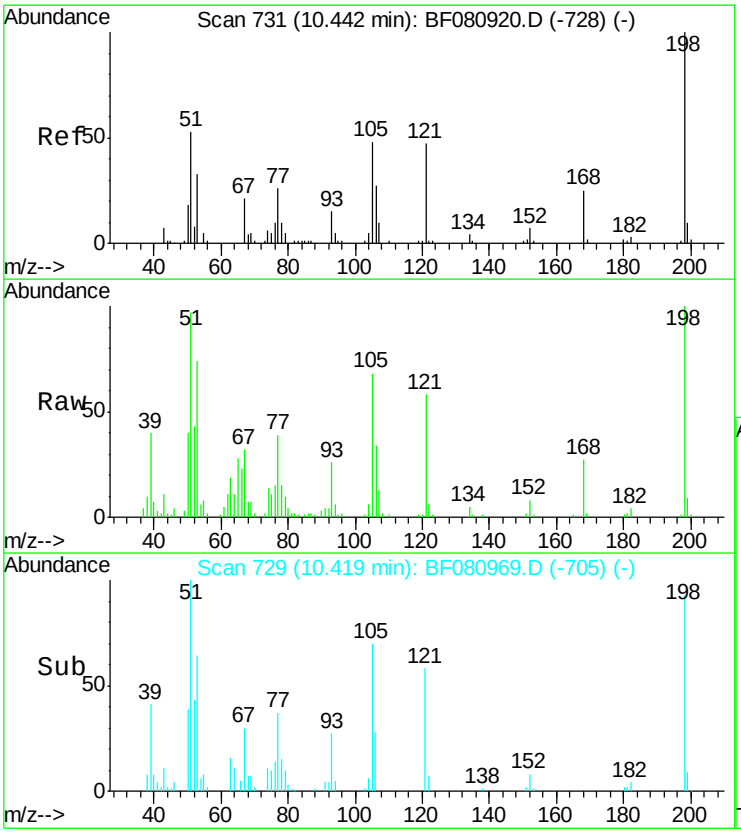

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:188 Resp: 218324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.8 | 8.8 | 13.2 |
| 80 | 10.8 | 9.5 | 14.3 |

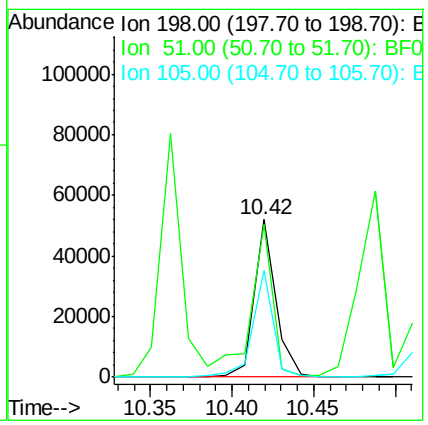


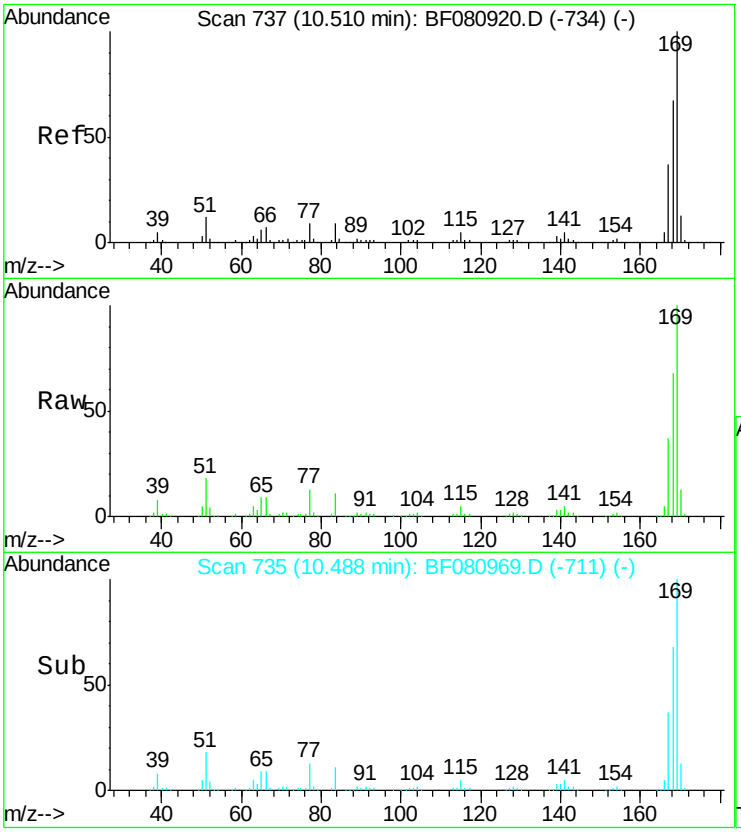




#64
4,6-Dinitro-2-methylphenol
Concen: 35.23 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:198 Resp: 47672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 97.1 | 40.3 | 80.3# |
| 105 | 67.9 | 29.6 | 69.6 |



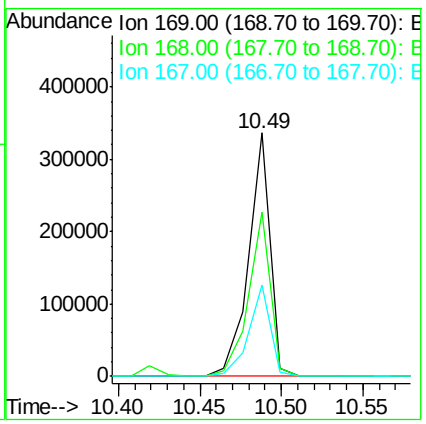


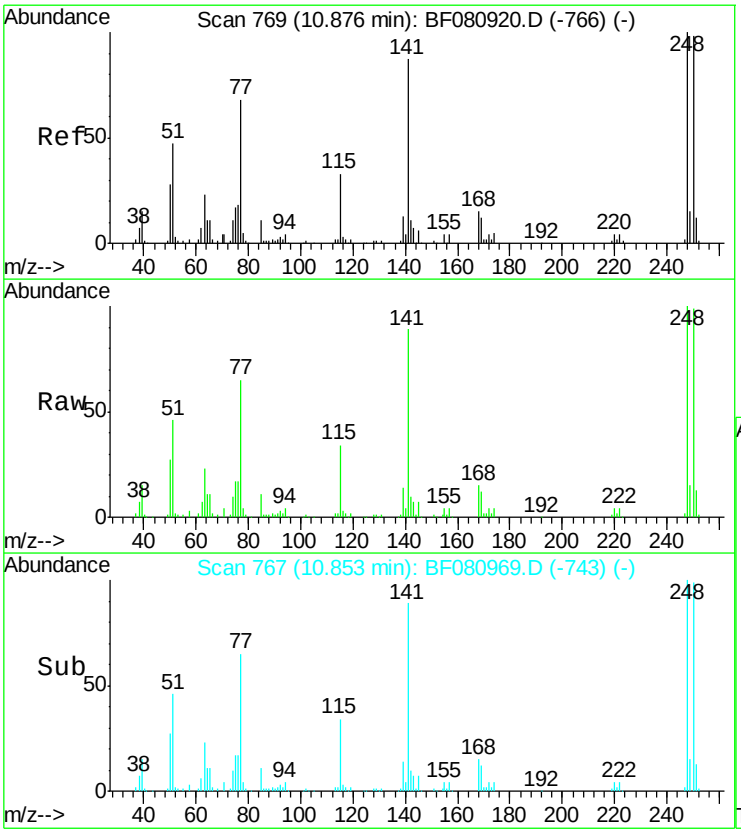

#65
n-Nitrosodiphenylamine
Concen: 40.74 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:169 Resp: 309007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.7 | 53.7 | 80.5 |
| 167 | 37.3 | 29.3 | 43.9 |

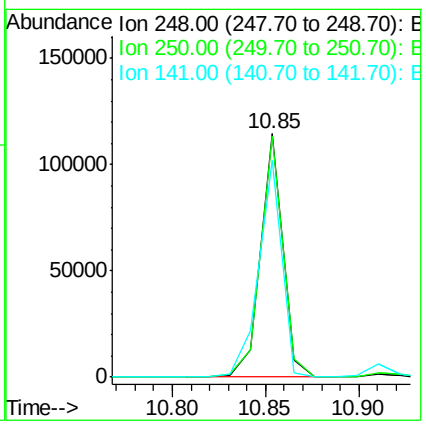


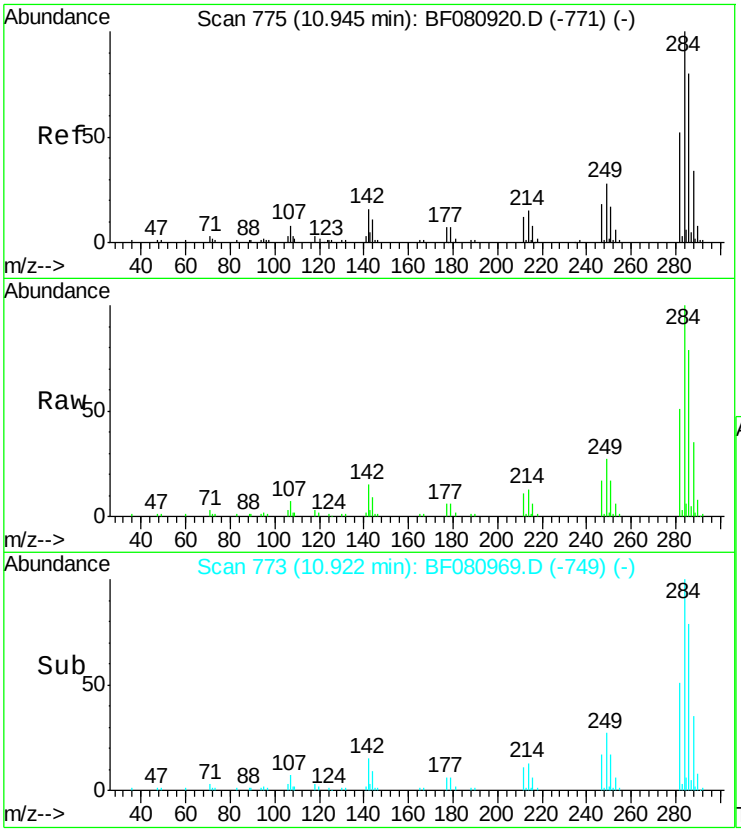




#66
4-Bromophenyl-phenylether
Concen: 40.52 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:248 Resp: 93698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.8 | 78.1 | 117.1 |
| 141 | 89.0 | 69.6 | 104.4 |



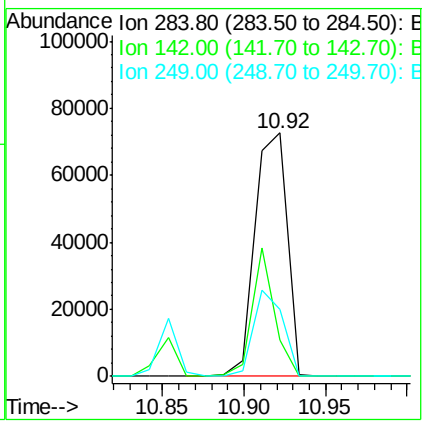


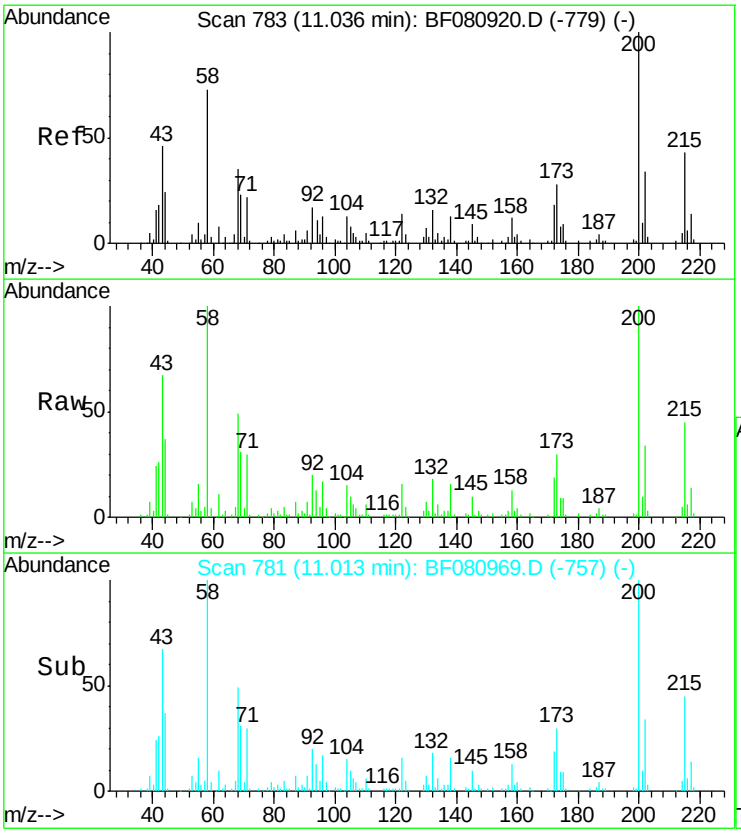

#67
Hexachlorobenzene
Concen: 38.79 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:284 Resp: 99731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 14.9 | 12.8 | 19.2 |
| 249 | 27.4 | 22.5 | 33.7 |

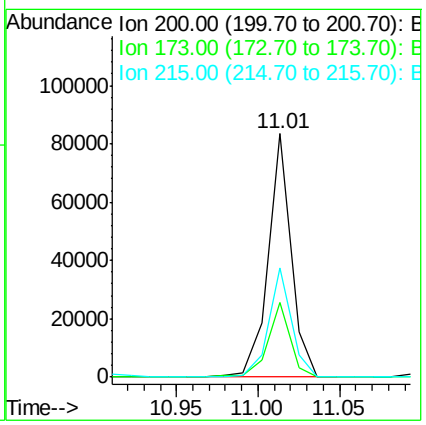


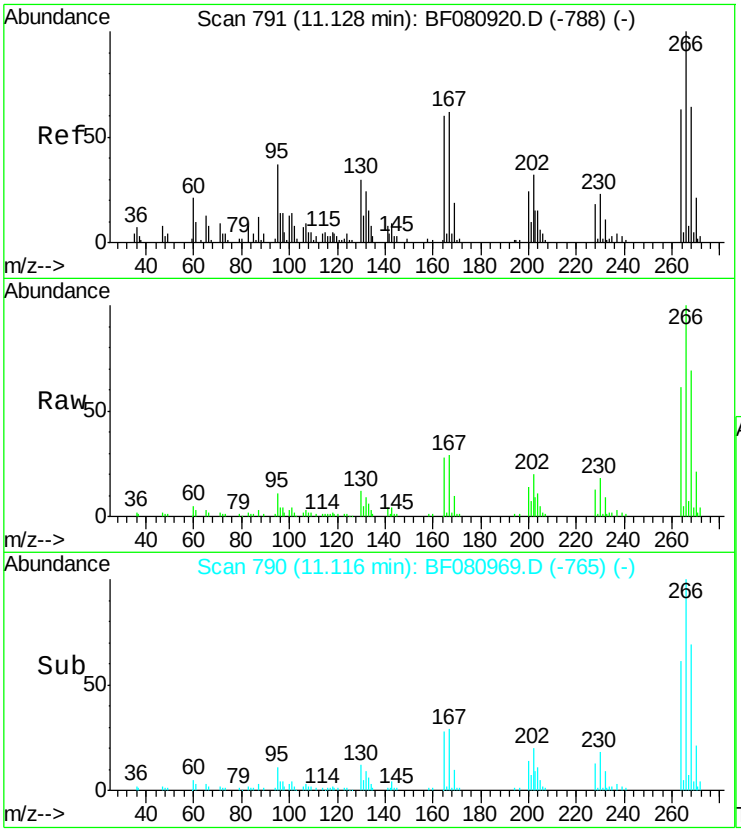




#68
Atrazine
Concen: 36.91 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:200 Resp: 82077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 30.4 | 8.4 | 48.4 |
| 215 | 45.0 | 22.7 | 62.7 |



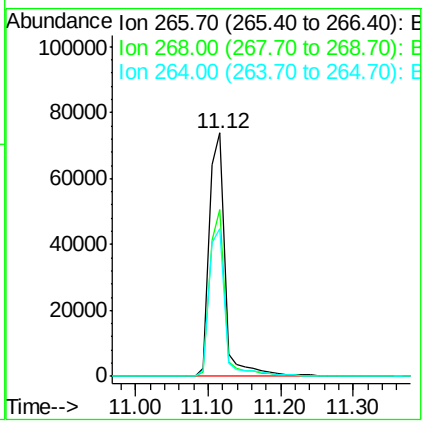


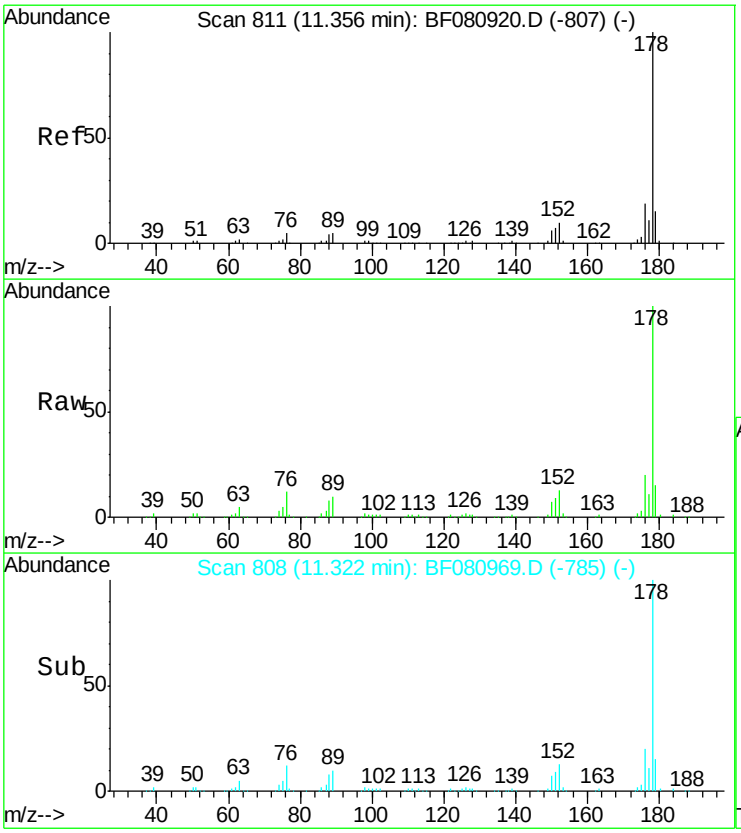

#69
Pentachlorophenol
Concen: 74.44 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:266 Resp: 111279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 68.6 | 51.6 | 77.4 |
| 264 | 60.8 | 50.1 | 75.1 |

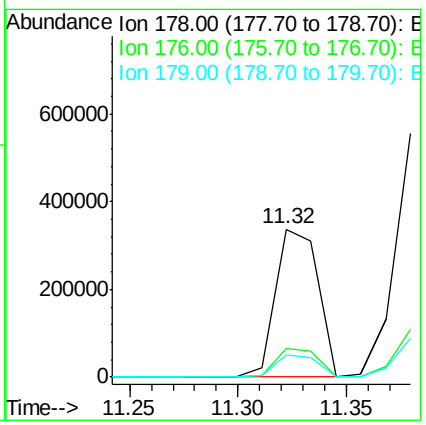


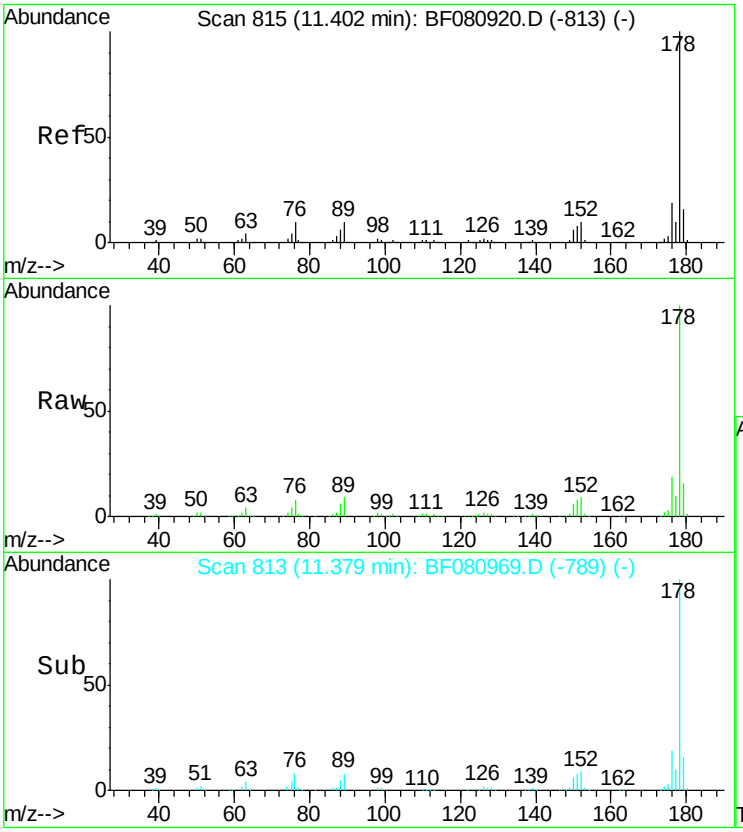




#70
Phenanthrene
Concen: 37.48 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:178 Resp: 463411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.6 | 23.4 |
| 179 | 15.4 | 11.9 | 17.9 |



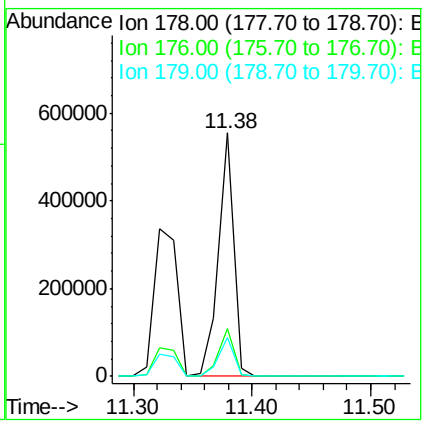


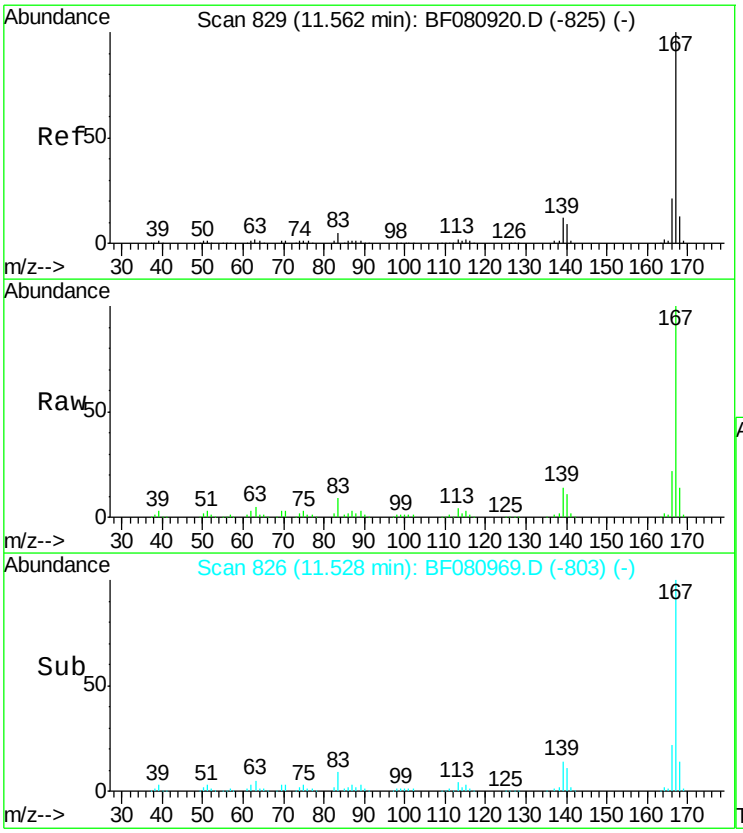

#71
Anthracene
Concen: 40.16 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:178 Resp: 491492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.5 | 23.3 |
| 179 | 15.9 | 12.6 | 18.8 |

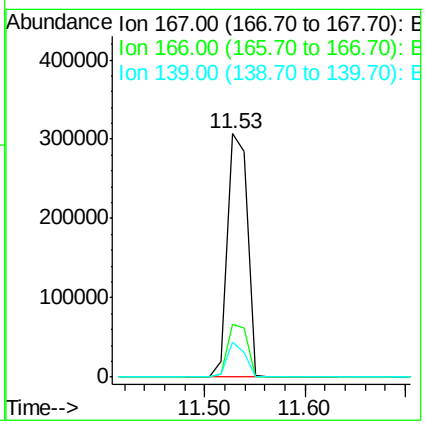


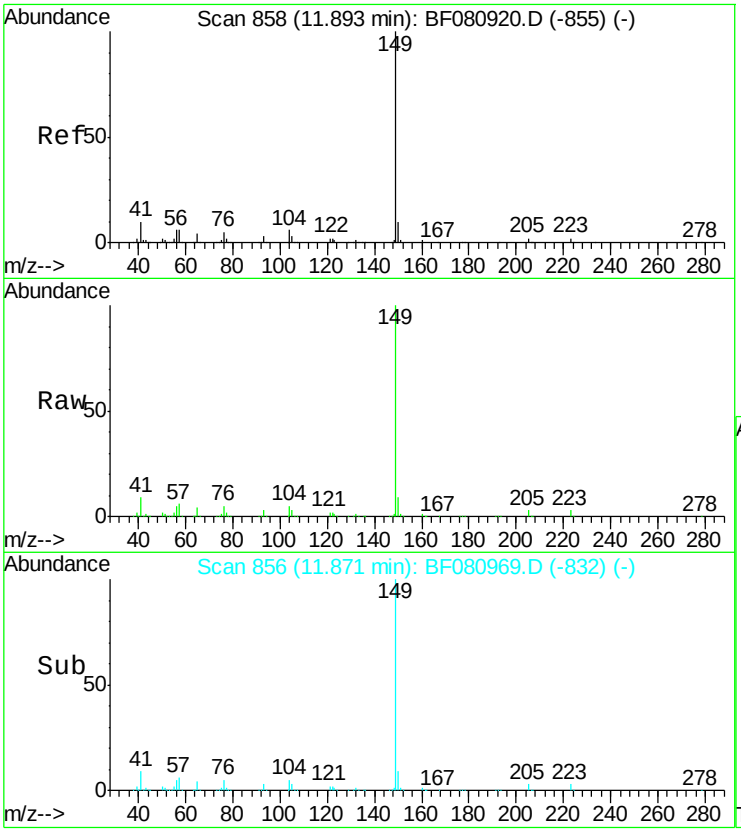




#72
Carbazole
Concen: 35.58 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:167 Resp: 423949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.1 | 25.7 |
| 139 | 14.2 | 9.2 | 13.8# |



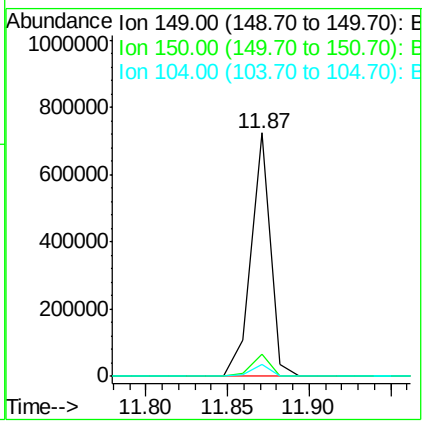


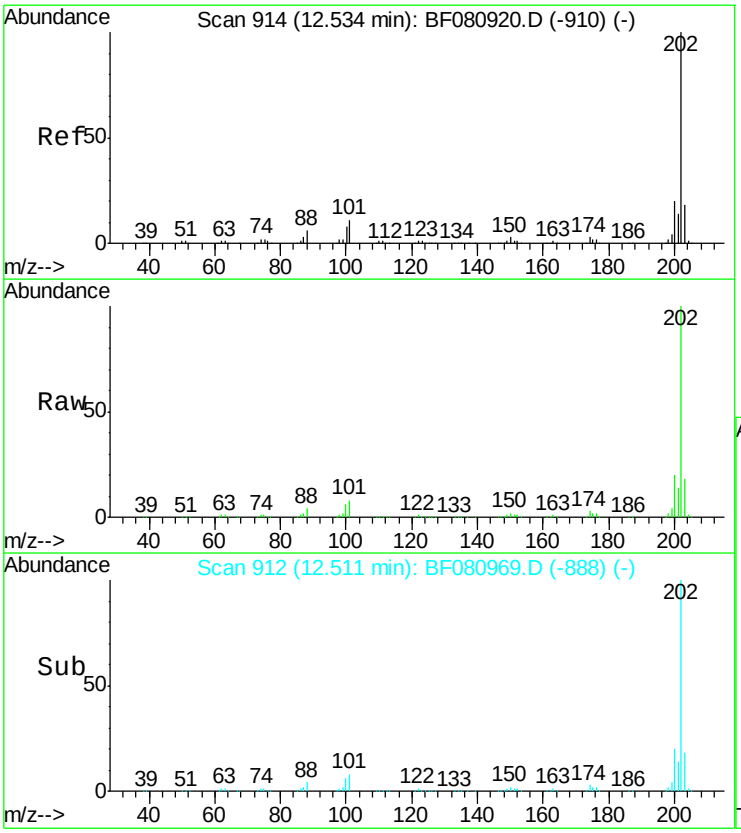

#73
Di-n-butylphthalate
Concen: 40.02 ng
RT: 11.87 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:149 Resp: 596353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.6 | 11.4 |
| 104 | 5.2 | 4.4 | 6.6 |

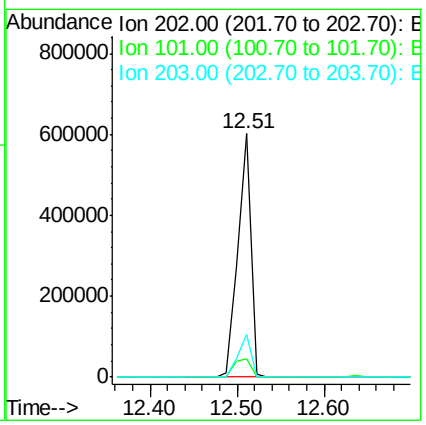


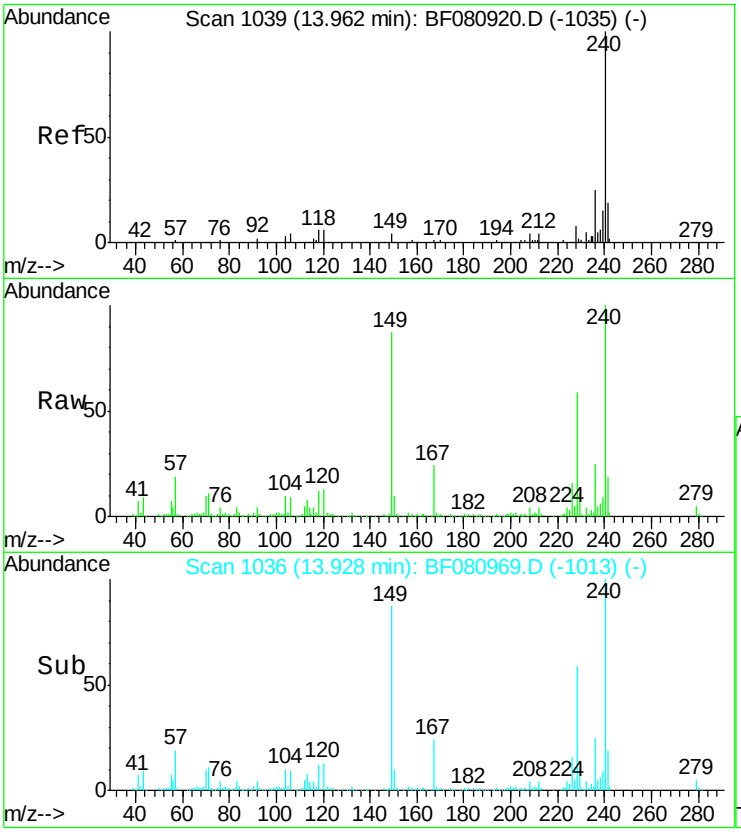




#74
Fluoranthene
Concen: 45.82 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:202 Resp: 612379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.5 | 0.0 | 30.5 |
| 203 | 17.7 | 0.0 | 37.7 |



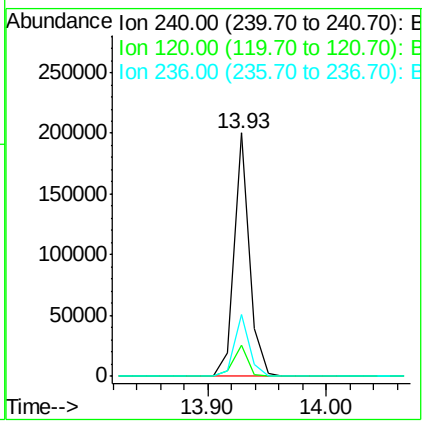


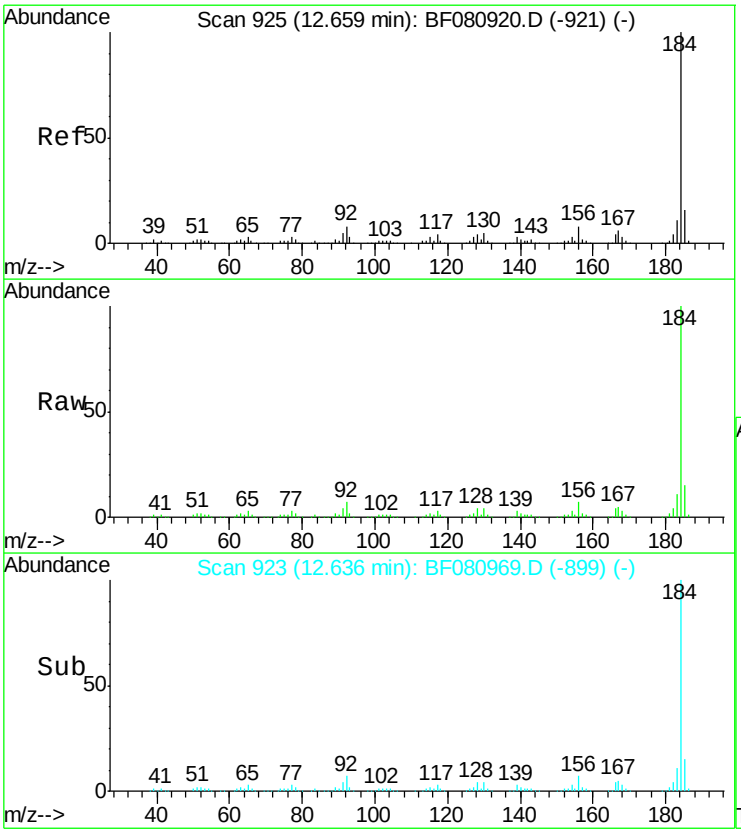

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:240 Resp: 180221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.7 | 5.2 | 7.8# |
| 236 | 25.2 | 20.2 | 30.4 |

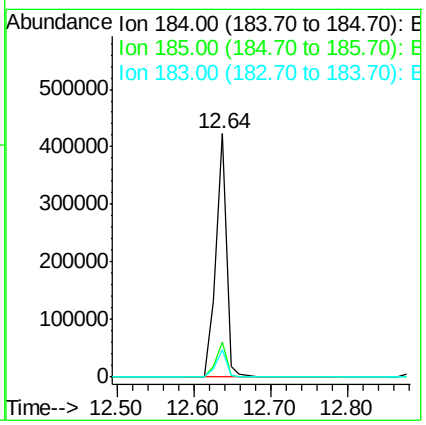


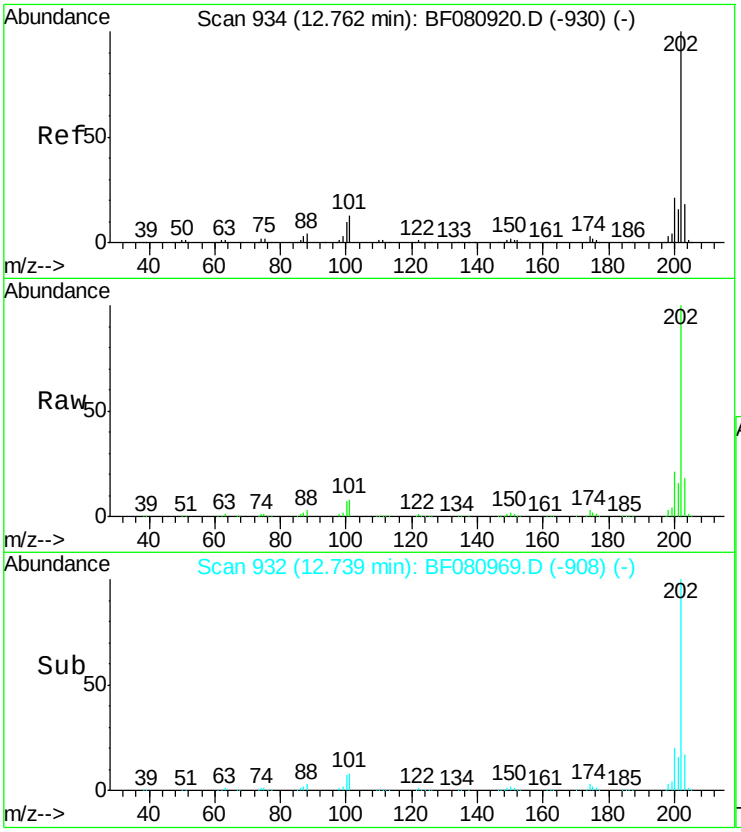




#76
Benzidine
Concen: Below Cal
RT: 12.64 min Scan# 923
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:184 Resp: 403148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 13.0 | 19.4 |
| 183 | 11.1 | 8.7 | 13.1 |



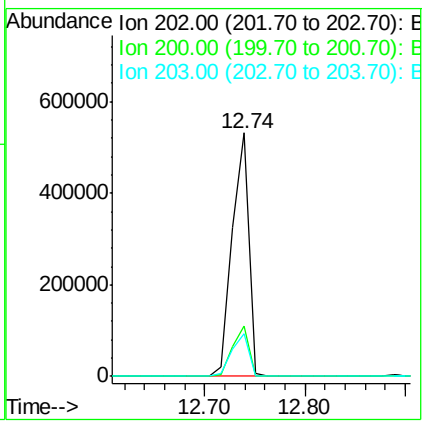


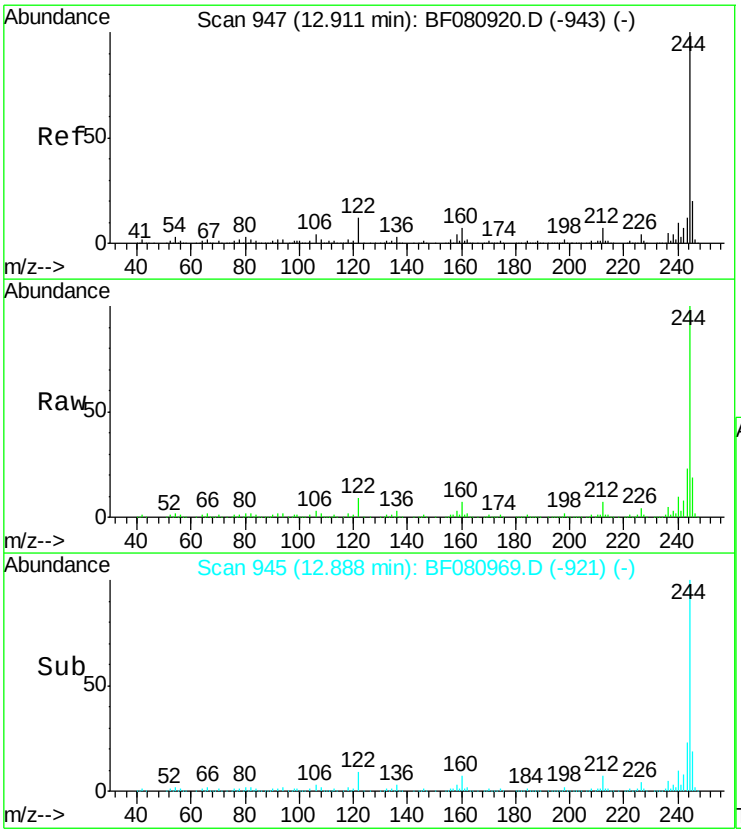

#77
Pyrene
Concen: 45.70 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:202 Resp: 608428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.5 | 16.6 | 24.8 |
| 203 | 17.7 | 14.2 | 21.2 |

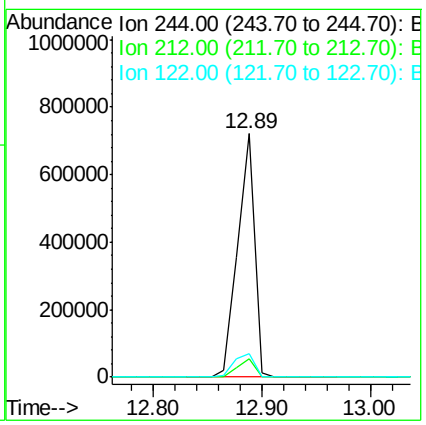


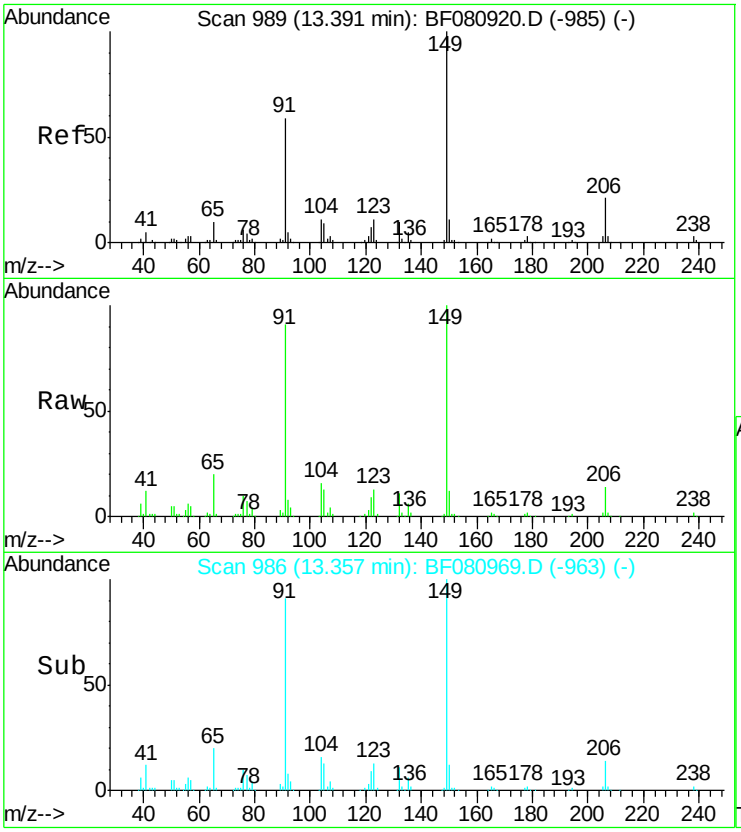




#78
Terphenyl-d14
Concen: 87.48 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:244 Resp: 763253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.8 | 8.8 |
| 122 | 9.4 | 9.4 | 14.2 |



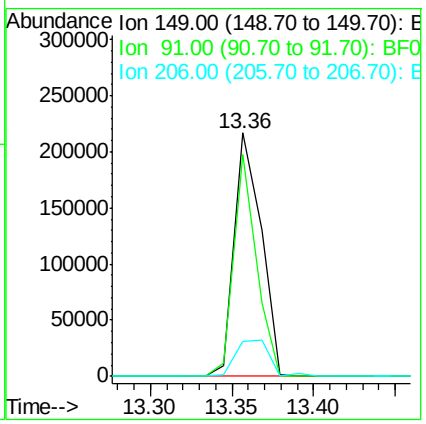


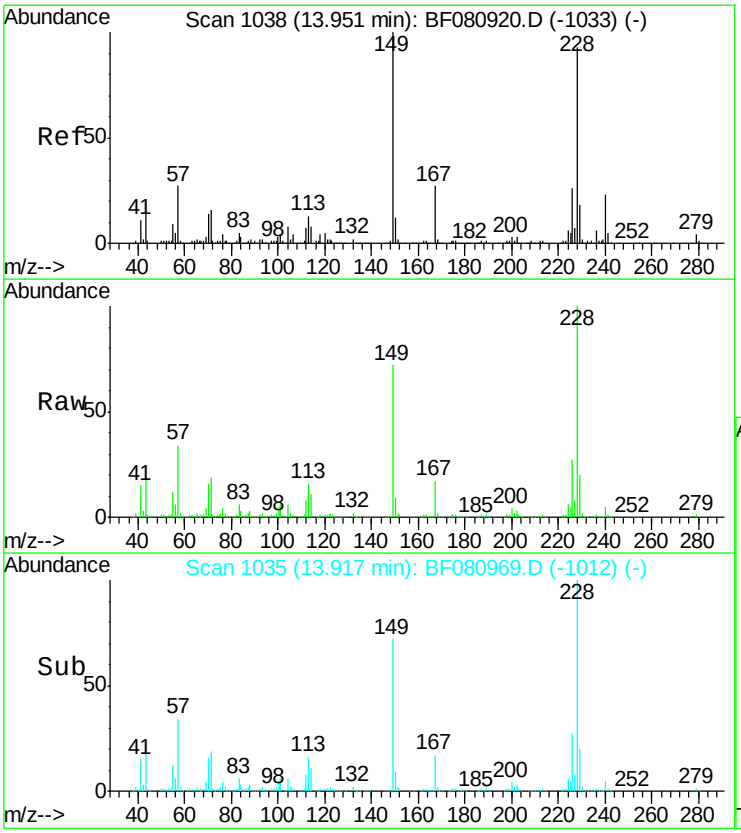

#79
Butylbenzylphthalate
Concen: 38.22 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:149 Resp: 245284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 91.2 | 47.2 | 70.8# |
| 206 | 14.4 | 16.5 | 24.7# |

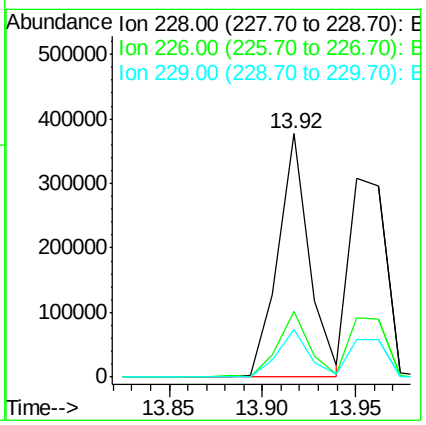


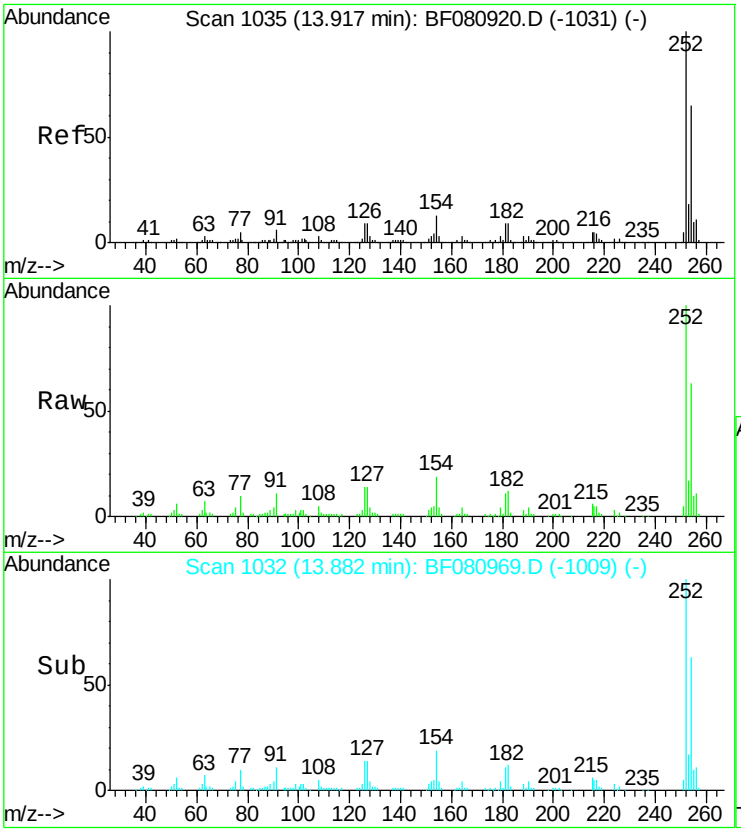




#80
Benzo(a)anthracene
Concen: 38.87 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:228 Resp: 442505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.7 | 22.2 | 33.2 |
| 229 | 19.6 | 15.8 | 23.6 |



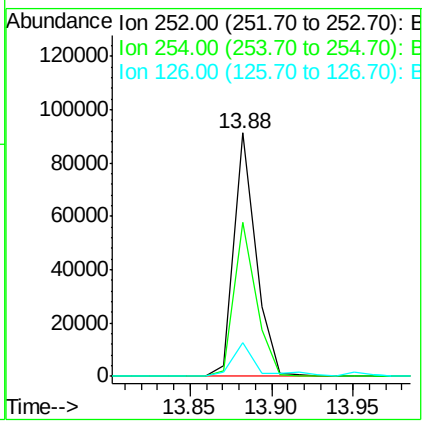


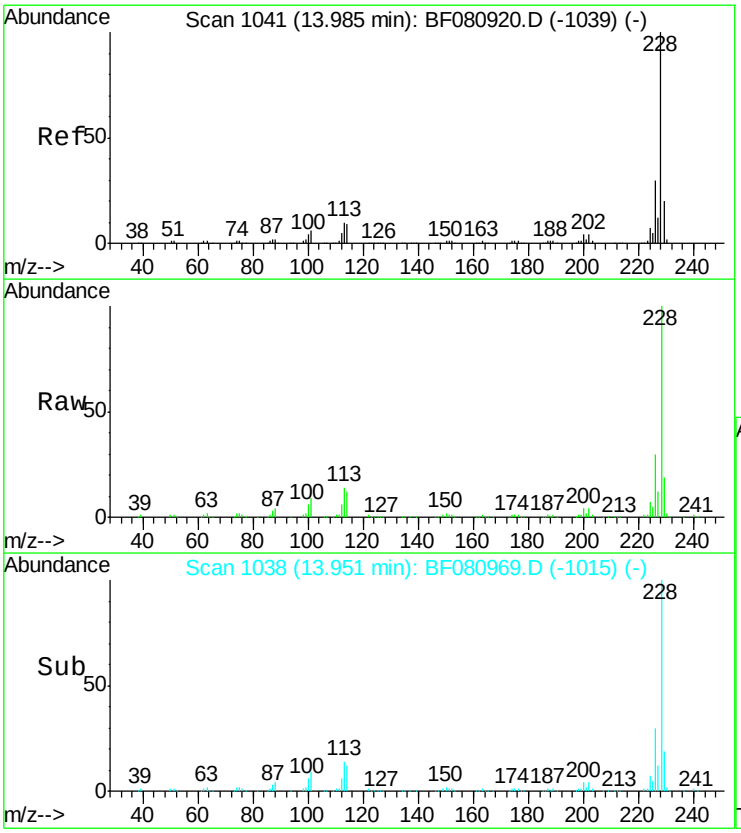

#81
3,3'-Dichlorobenzidine
Concen: 20.37 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:252 Resp: 84345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.4 | 51.7 | 77.5 |
| 126 | 13.7 | 7.1 | 10.7# |

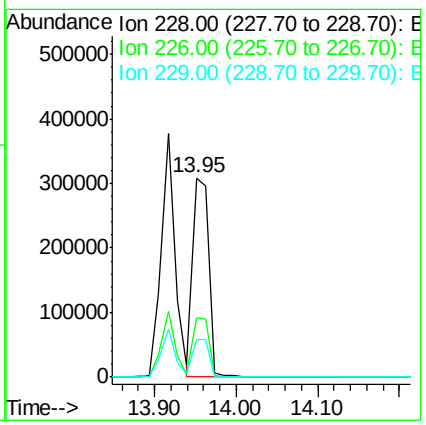


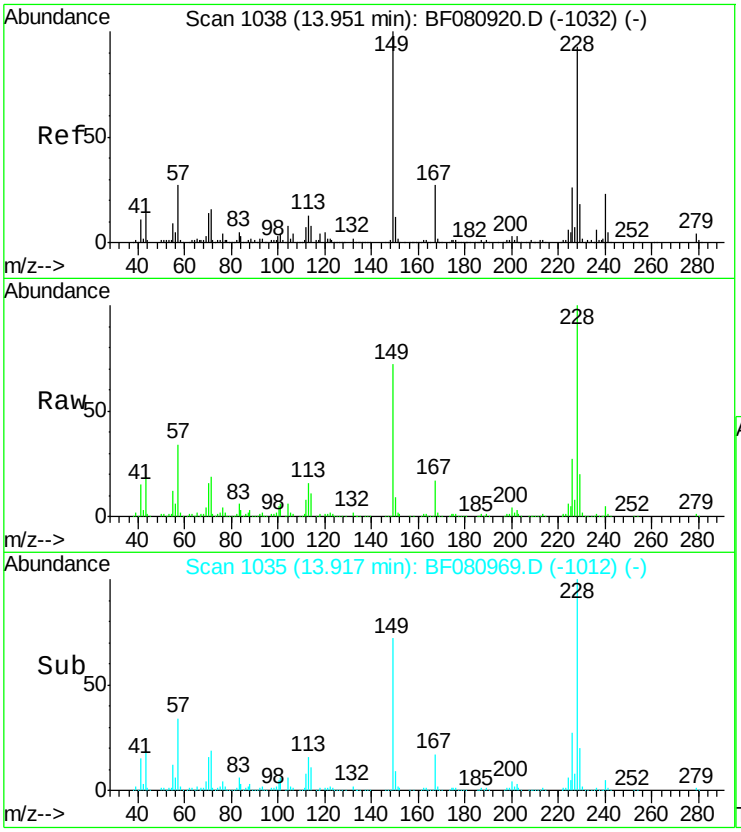




#82
Chrysene
Concen: 39.04 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:228 Resp: 425515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.5 | 23.9 | 35.9 |
| 229 | 19.2 | 15.8 | 23.6 |



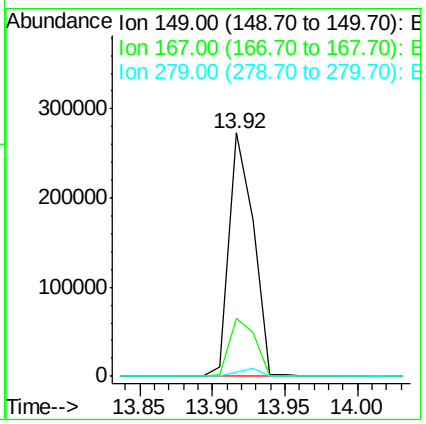


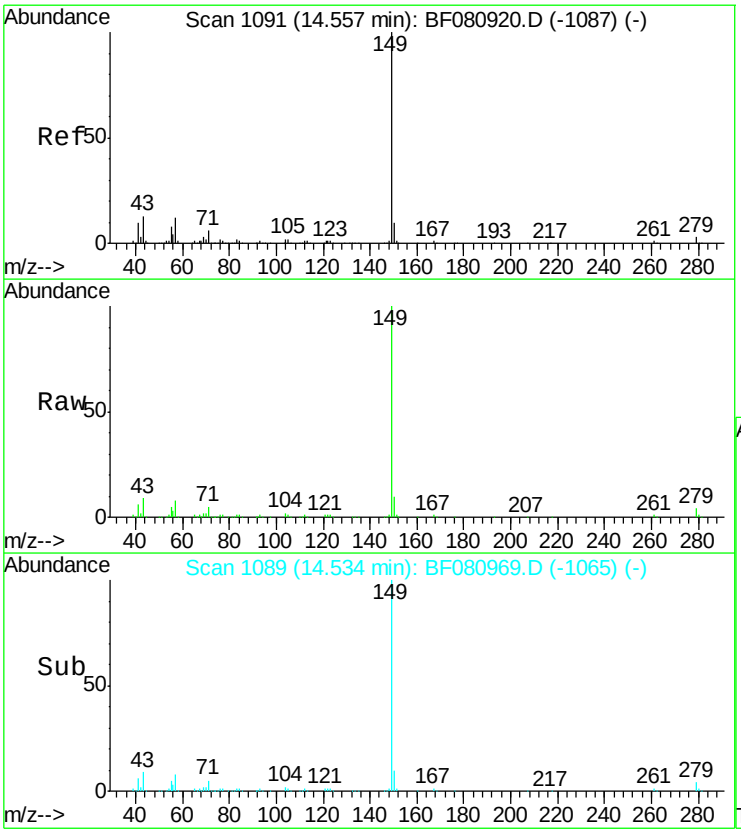

#83
Bis(2-ethylhexyl)phthalate
Concen: 35.65 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:149 Resp: 318366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 23.6 | 21.4 | 32.0 |
| 279 | 1.8 | 2.9 | 4.3# |

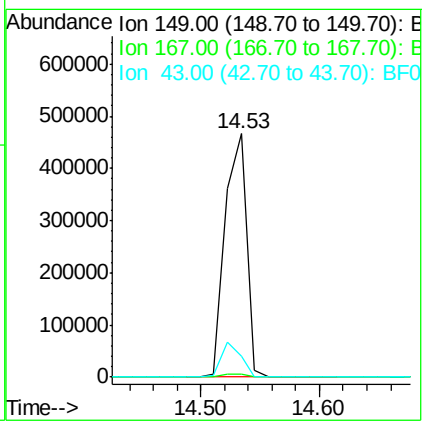


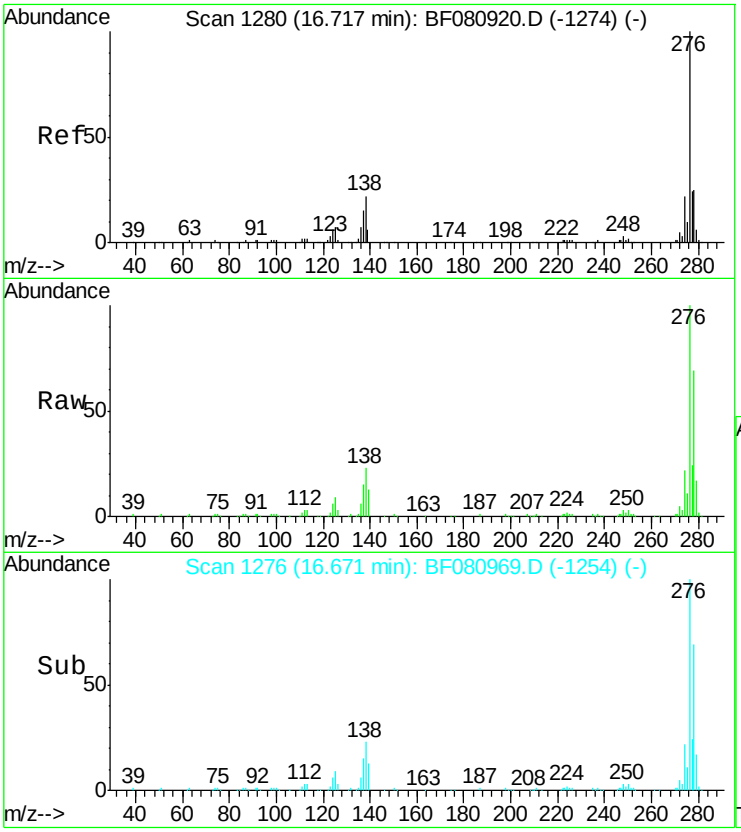




#84
Di-n-octyl phthalate
Concen: 38.57 ng
RT: 14.53 min Scan# 1089
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:149 Resp: 583993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.3 | 1.1 | 1.7 |
| 43 | 13.3 | 11.0 | 16.4 |



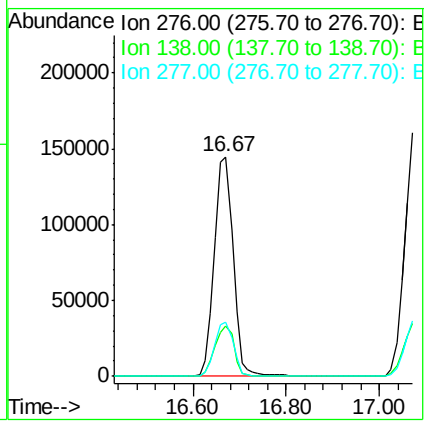


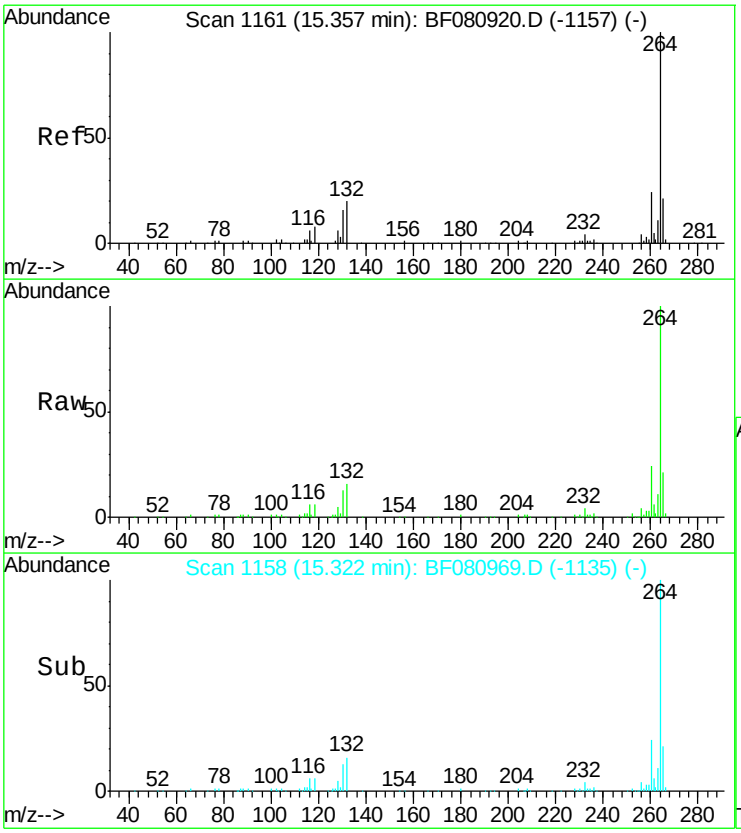

#85
Indeno(1,2,3-cd)pyrene
Concen: 39.35 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.05 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:276 Resp: 408223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.3 | 19.9 | 29.9 |
| 277 | 24.6 | 19.7 | 29.5 |

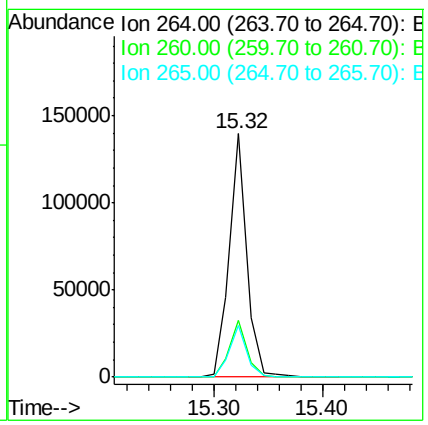


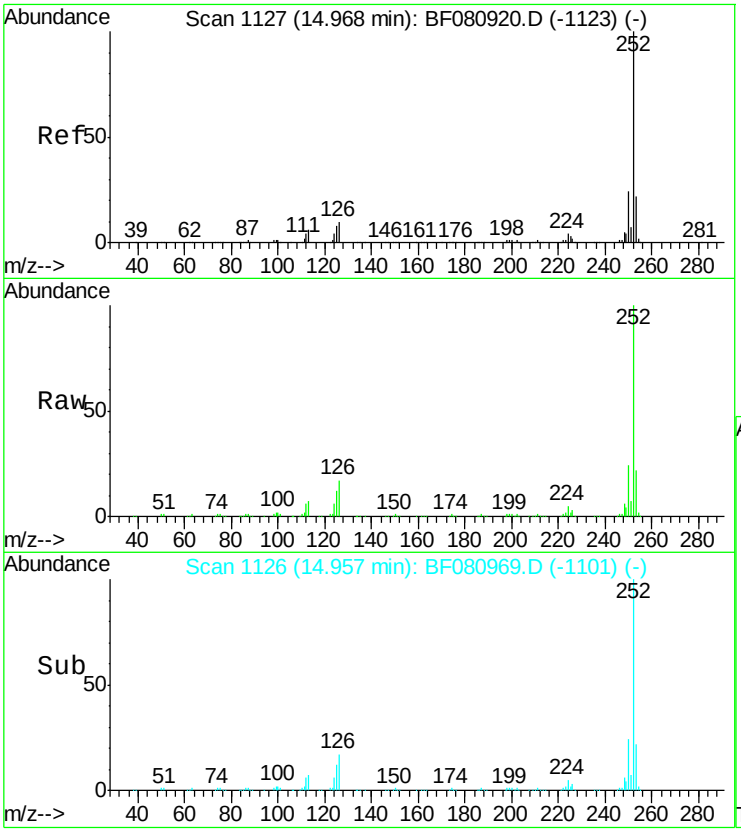




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:264 Resp: 155312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.4 | 29.0 |
| 265 | 21.3 | 17.0 | 25.4 |



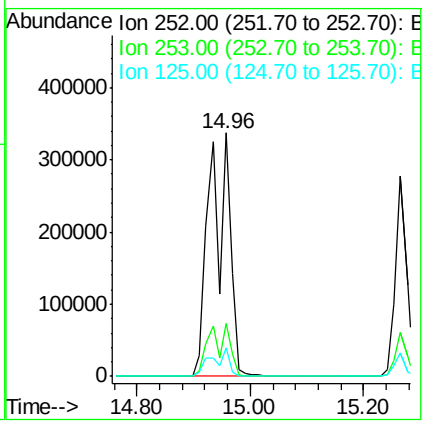


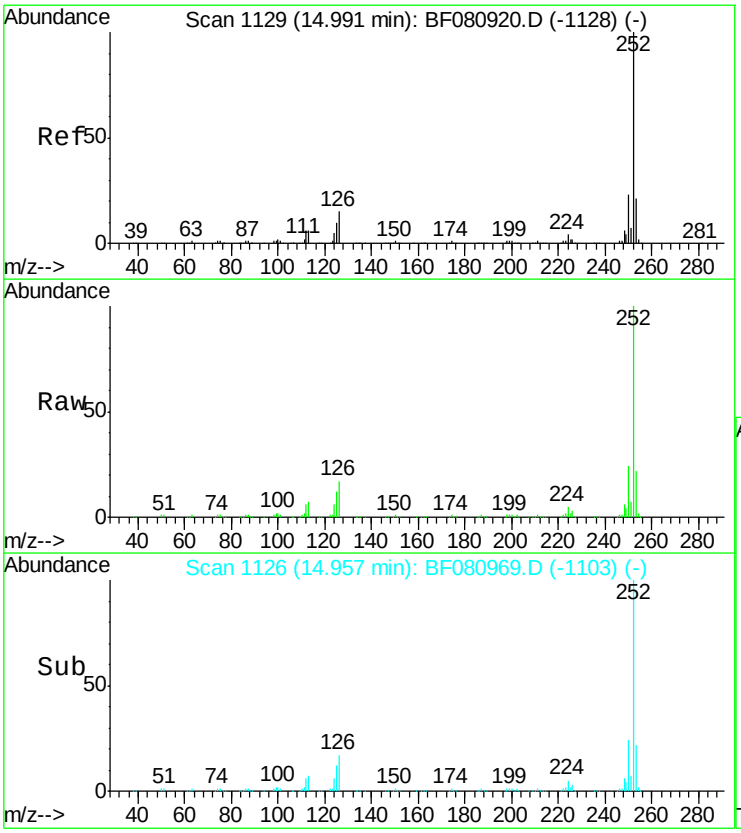

#87
Benzo(b)fluoranthene
Concen: 75.09 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:252 Resp: 810993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.6 | 26.4 |
| 125 | 11.7 | 6.1 | 9.1# |

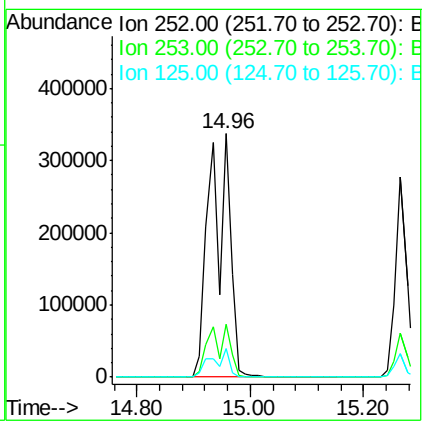


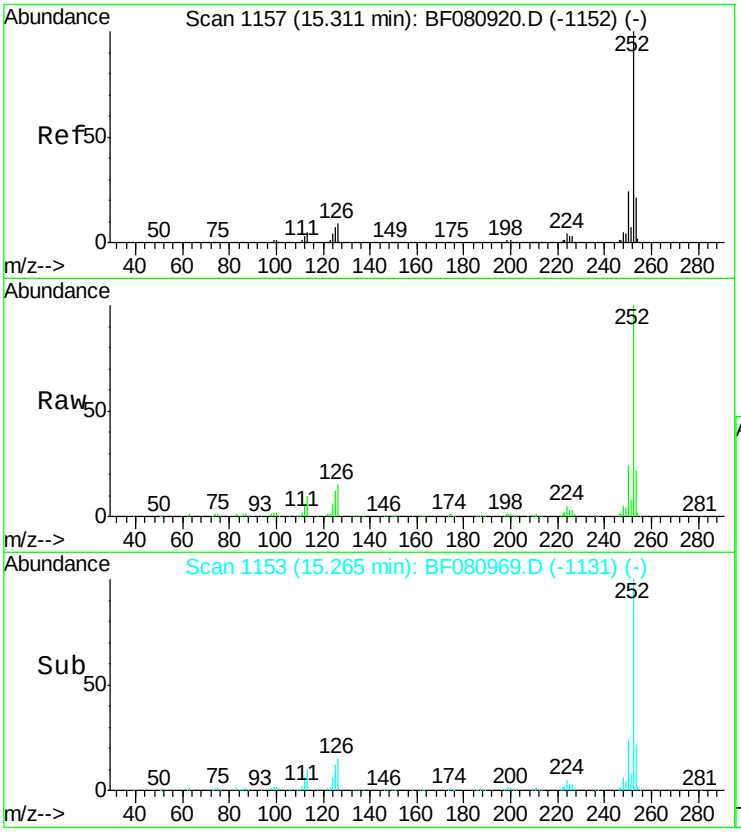




#88
Benzo(k)fluoranthene
Concen: 85.84 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:252 Resp: 810993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.4 | 26.2 |
| 125 | 11.7 | 9.0 | 13.6 |



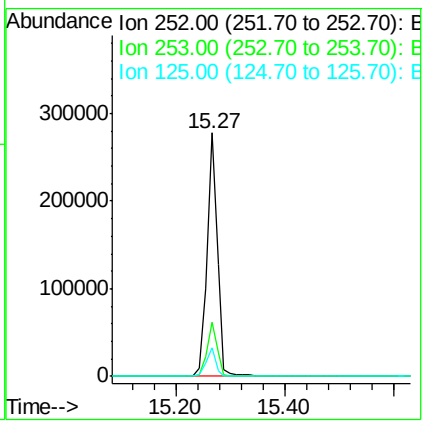


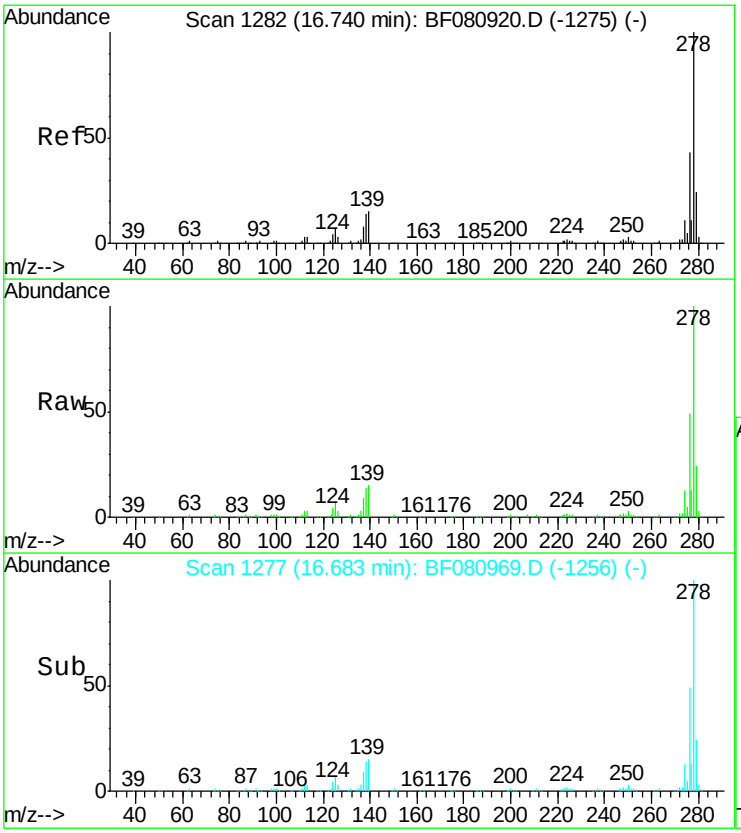

#89
Benzo(a)pyrene
Concen: 39.77 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:252 Resp: 369194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 16.9 | 25.3 |
| 125 | 11.7 | 5.8 | 8.8# |

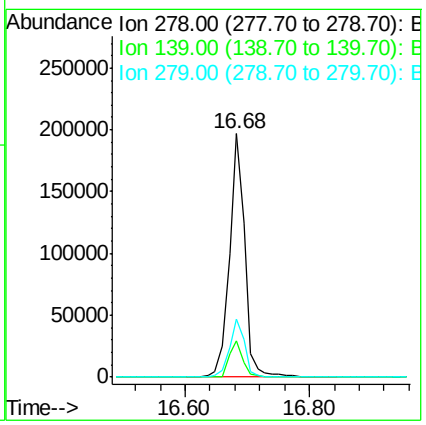


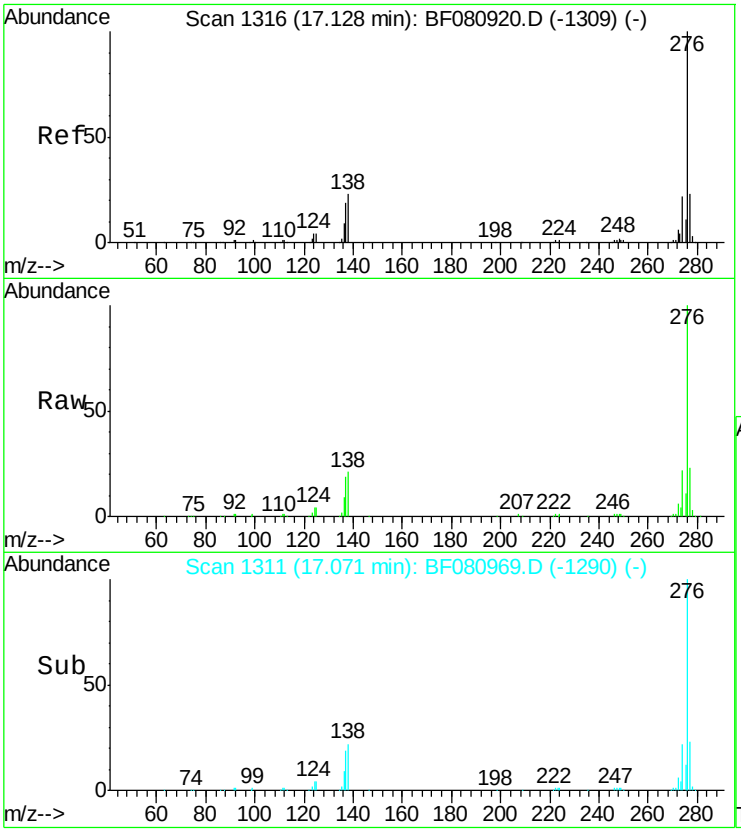




#90
Dibenzo(a,h)anthracene
Concen: 41.16 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:278 Resp: 337884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.0 | 11.9 | 17.9 |
| 279 | 23.7 | 19.0 | 28.6 |






#91
Benzo(g,h,i)perylene
Concen: 44.13 ng
RT: 17.07 min Scan# 1311
Delta R.T. -0.06 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

**Instrument :**
BNA_F
**ClientSampleId :**
PB84838BS

Tgt Ion:276 Resp: 352378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.5 | 18.6 | 28.0 |
| 138 | 21.5 | 18.4 | 27.6 |