Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
Data File : BF082404.D
Acq On : 21 Oct 2015 15:11
Operator : UM/IZ
Sample : G4099-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 20151013MGP208BRV68MS

Quant Time: Oct 22 09:28:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.77 | 152 | 108002 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.06 | 136 | 413113 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.82 | 164 | 214216 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.30 | 188 | 400666 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.01 | 240 | 333749 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.56 | 264 | 258681 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.36 | 112 | 345863 | 64.63 | ng | | 0.00 |
| 7) Phenol-d6 | 6.41 | 99 | 284878 | 40.91 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 596342 | 96.94 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 243608 | 121.26 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.14 | 172 | 1116407 | 86.43 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.90 | 244 | 1064718 | 84.54 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.35 | 88 | 49067 | 18.25 | ng | | 95 |
| 3) Pyridine | 3.06 | 79 | 85992 | 13.75 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.01 | 42 | 49048 | 18.49 | ng | | 92 |
| 6) Aniline | 6.43 | 93 | 161015 | 17.93 | ng | # | 89 |
| 8) 2-Chlorophenol | 6.56 | 128 | 238268 | 36.47 | ng | | 99 |
| 9) Benzaldehyde | 6.32 | 77 | 135292 | 38.04 | ng | | 94 |
| 10) Phenol | 6.42 | 94 | 117000 | 14.57 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.51 | 93 | 299763 | 44.15 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.71 | 146 | 319592 | 42.01 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.79 | 146 | 330125 | 41.55 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.94 | 146 | 292949 | 38.83 | ng | | 99 |
| 15) Benzyl Alcohol | 6.93 | 79 | 156813 | 32.62 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.05 | 45 | 415721 | 43.97 | ng | | 81 |
| 17) 2-Methylphenol | 7.04 | 107 | 158735 | 30.73 | ng | | 96 |
| 18) Hexachloroethane | 7.28 | 117 | 109803 | 40.38 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 218422 | 44.66 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 172946 | 28.09 | ng | # | 73 |
| 22) Acetophenone | 7.19 | 105 | 407254 | 49.84 | ng | # | 88 |
| 24) Nitrobenzene | 7.37 | 77 | 292278 | 43.89 | ng | # | 79 |
| 25) Isophorone | 7.60 | 82 | 572041 | 46.07 | ng | | 99 |
| 26) 2-Nitrophenol | 7.68 | 139 | 155862 | 46.88 | ng | # | 88 |
| 27) 2,4-Dimethylphenol | 7.73 | 122 | 243612 | 45.48 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93 | 334488 | 46.30 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 255149 | 47.65 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.00 | 180 | 265922 | 43.08 | ng | | 97 |
| 31) Naphthalene | 8.08 | 128 | 803359 | 44.86 | ng | | 100 |
| 32) Benzoic acid | 7.83 | 122 | 46270 | 12.87 | ng | | 97 |
| 33) 4-Chloroaniline | 8.14 | 127 | 113755 | 15.30 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.19 | 225 | 155081 | 40.32 | ng | | 96 |
| 35) Caprolactam | 8.51 | 113 | 11759 | 7.57 | ng | # | 66 |
| 36) 4-Chloro-3-methylphenol | 8.63 | 107 | 240336 | 45.90 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.78 | 142 | 621047 | 50.03 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.95 | 216 | 292824 | 45.96 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 8.93 | 237 | 204088 | 65.03 | ng | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
Data File : BF082404.D
Acq On : 21 Oct 2015 15:11
Operator : UM/IZ
Sample : G4099-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 20151013MGP208BRV68MS

Quant Time: Oct 22 09:28:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.06 | 196 | 187264 | 44.25 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.11 | 196 | 207201 | 45.20 | ng | | 99 |
| 45) 1,1'-Biphenyl | 9.25 | 154 | 759616 | 46.50 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.27 | 162 | 581966 | 45.26 | ng | | 95 |
| 47) 2-Nitroaniline | 9.37 | 65 | 169039 | 47.88 | ng | | 92 |
| 48) Acenaphthylene | 9.68 | 152 | 835820 | 41.72 | ng | | 99 |
| 49) Dimethylphthalate | 9.55 | 163 | 748428 | 49.62 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.62 | 165 | 154701 | 48.60 | ng | # | 76 |
| 51) Acenaphthene | 9.85 | 154 | 500014 | 41.58 | ng | | 100 |
| 52) 3-Nitroaniline | 9.78 | 138 | 52291 | 14.54 | ng | | 90 |
| 53) 2,4-Dinitrophenol | 9.90 | 184 | 155211 | 86.69 | ng | # | 90 |
| 54) Dibenzofuran | 10.02 | 168 | 751697 | 45.53 | ng | | 97 |
| 55) 4-Nitrophenol | 9.97 | 139 | 61215 | 32.09 | ng | | 87 |
| 56) 2,4-Dinitrotoluene | 10.02 | 165 | 203604 | 51.18 | ng | | 94 |
| 57) Fluorene | 10.37 | 166 | 602733 | 44.45 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.15 | 232 | 171260 | 45.72 | ng | | 98 |
| 59) Diethylphthalate | 10.25 | 149 | 732198 | 52.07 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204 | 315876 | 50.85 | ng | # | 84 |
| 61) 4-Nitroaniline | 10.41 | 138 | 145509 | 41.73 | ng | | 92 |
| 62) Azobenzene | 10.53 | 77 | 692615 | 50.33 | ng | | 90 |
| 64) 4,6-Dinitro-2-methylphenol | 10.43 | 198 | 113637 | 50.54 | ng | | 95 |
| 65) n-Nitrosodiphenylamine | 10.49 | 169 | 592609 | 49.40 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.86 | 248 | 190993 | 47.63 | ng | # | 84 |
| 67) Hexachlorobenzene | 10.91 | 284 | 195185 | 45.01 | ng | # | 78 |
| 68) Atrazine | 11.02 | 200 | 174827 | 46.00 | ng | | 100 |
| 69) Pentachlorophenol | 11.12 | 266 | 195828 | 87.76 | ng | | 99 |
| 70) Phenanthrene | 11.34 | 178 | 989802 | 50.40 | ng | | 99 |
| 71) Anthracene | 11.38 | 178 | 981497 | 48.50 | ng | | 99 |
| 72) Carbazole | 11.54 | 167 | 844415 | 45.74 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.87 | 149 | 1144934 | 50.27 | ng | | 99 |
| 74) Fluoranthene | 12.53 | 202 | 1050763 | 49.82 | ng | | 97 |
| 76) Benzidine | 12.65 | 184 | 226081 | 23.38 | ng | | 98 |
| 77) Pyrene | 12.75 | 202 | 1054777 | 53.25 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.39 | 149 | 458927 | 50.77 | ng | | 98 |
| 80) Benzo(a)anthracene | 14.00 | 228 | 785461 | 45.23 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.97 | 252 | 142087 | 21.56 | ng | | 100 |
| 82) Chrysene | 14.05 | 228 | 811894 | 44.37 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 628306 | 48.72 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.69 | 149 | 1025912 | 46.32 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.96 | 276 | 599500 | 41.22 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 15.14 | 252 | 710379 | 45.14 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.14 | 252 | 710379 | 53.70 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.50 | 252 | 648565 | 47.95 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 16.97 | 278 | 505972 | 45.65 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.38 | 276 | 490009 | 45.51 | ng | | 99 |

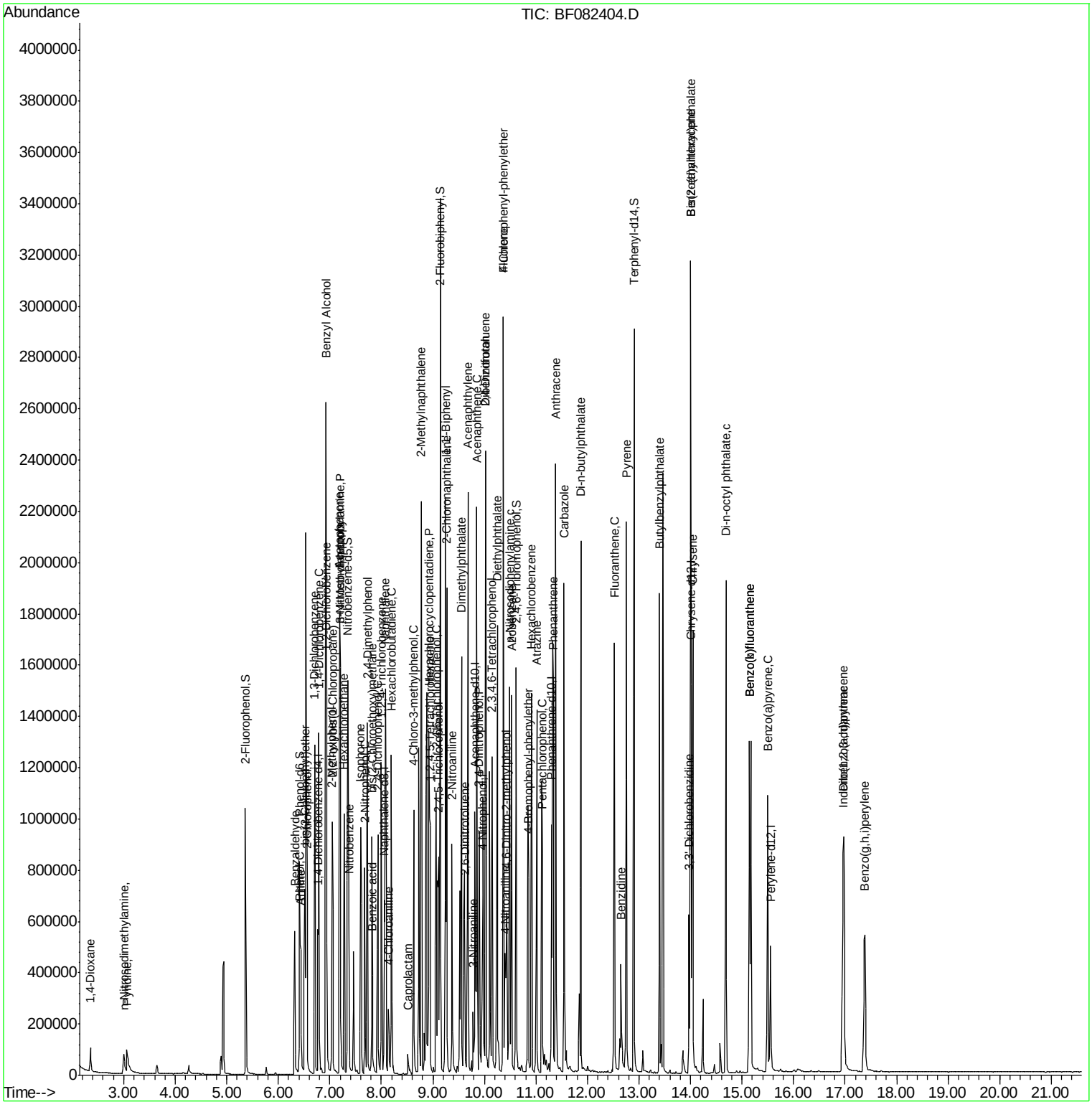
(#) = qualifier out of range (m) = manual integration (+) = signals summed

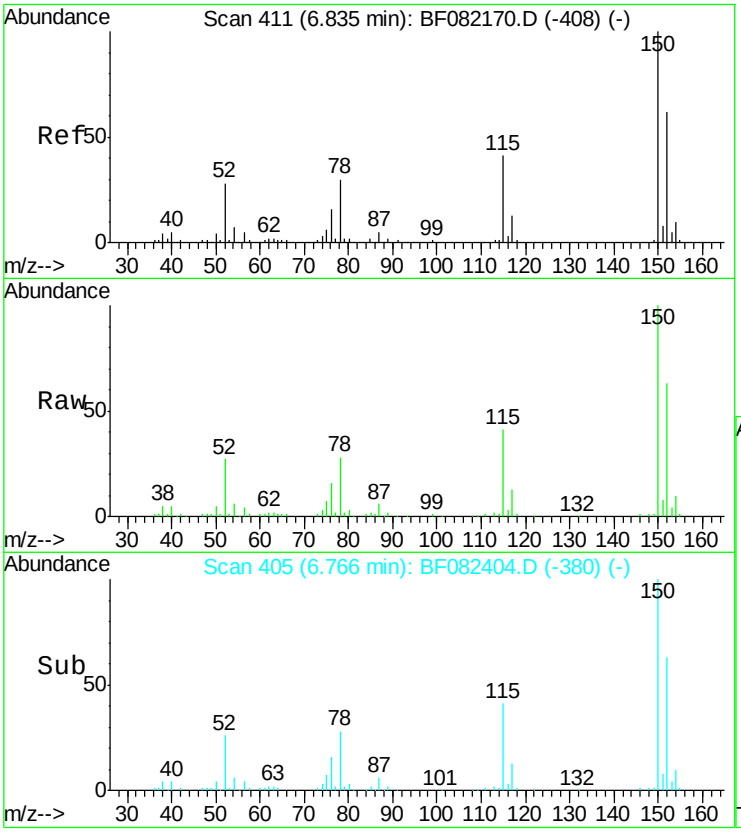
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
Data File : BF082404.D
Acq On : 21 Oct 2015 15:11
Operator : UM/IZ
Sample : G4099-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Quant Time: Oct 22 09:28:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 13:20:24 2015
Response via : Initial Calibration



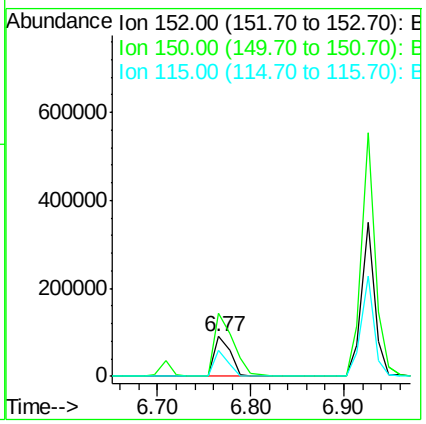


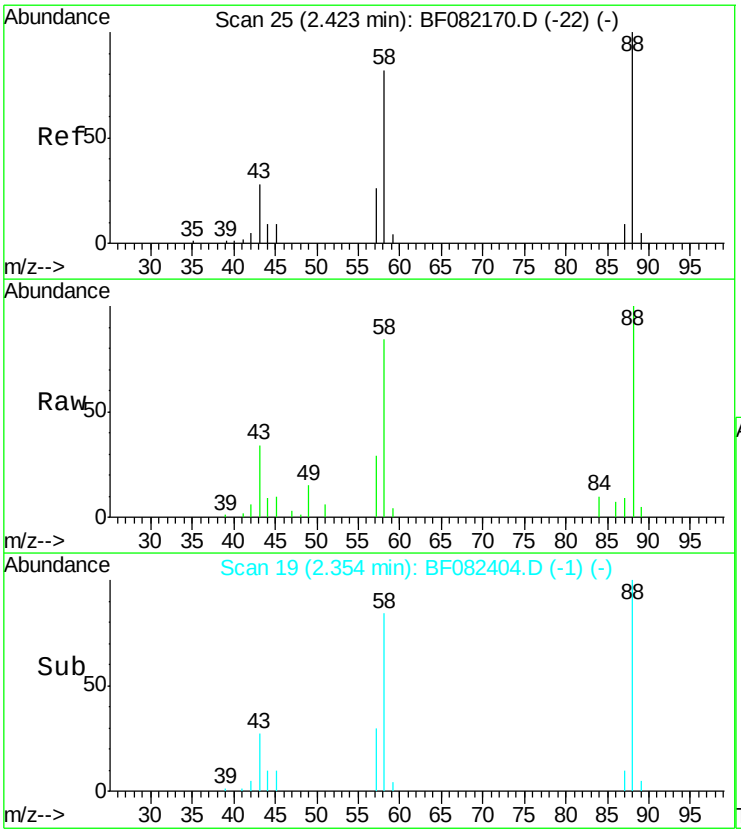

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:152 Resp: 108002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.8 | 129.0 | 193.4 |
| 115 | 64.5 | 52.1 | 78.1 |

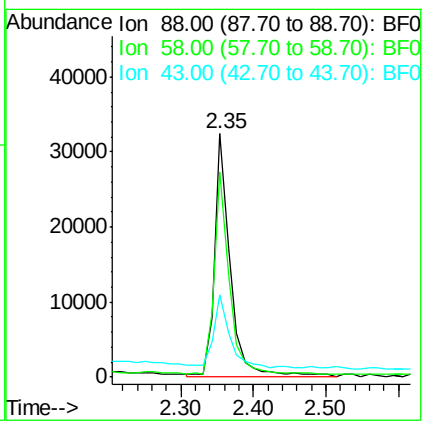


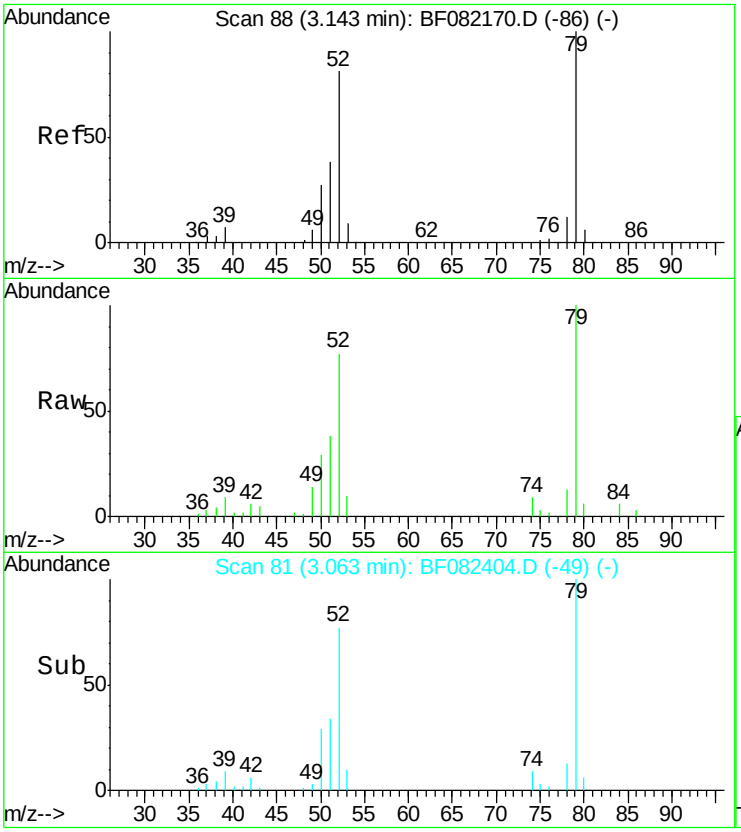




#2
1,4-Dioxane
Concen: 18.25 ng
RT: 2.35 min Scan# 19
Delta R.T. 0.06 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion: 88 Resp: 49067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.0 | 66.2 | 99.4 |
| 43 | 30.5 | 23.0 | 34.4 |



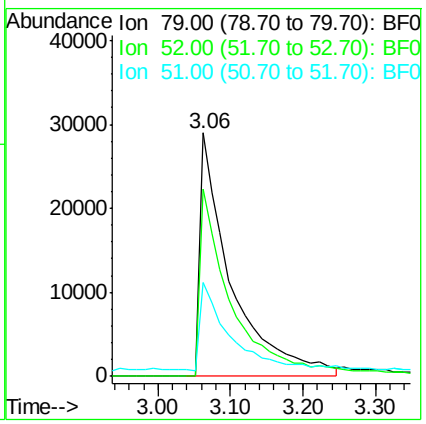


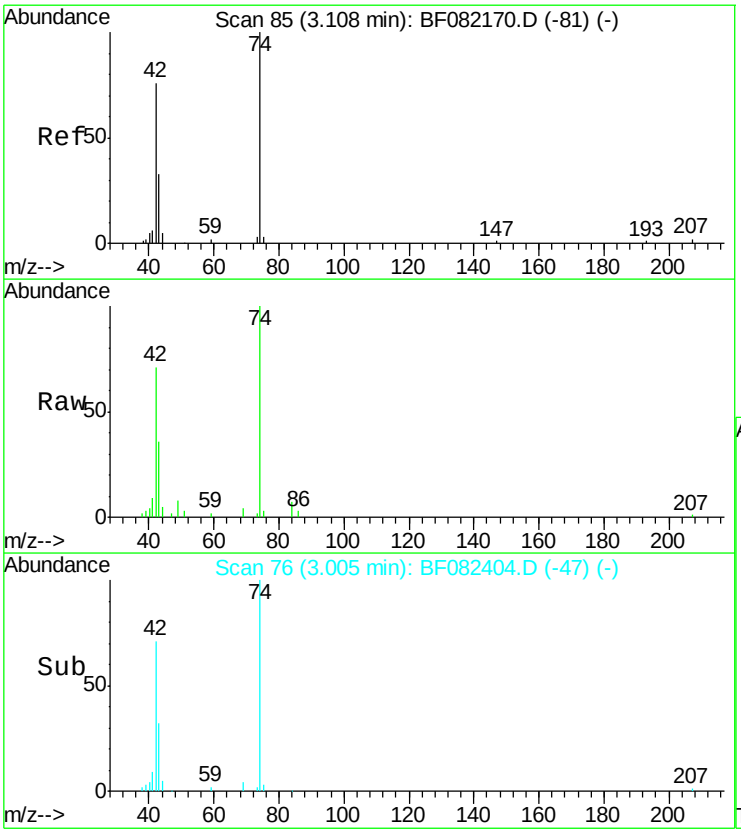

#3
Pyridine
Concen: 13.75 ng
RT: 3.06 min Scan# 81
Delta R.T. 0.07 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion: 79 Resp: 85992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 77.0 | 64.4 | 96.6 |
| 51 | 38.3 | 30.5 | 45.7 |

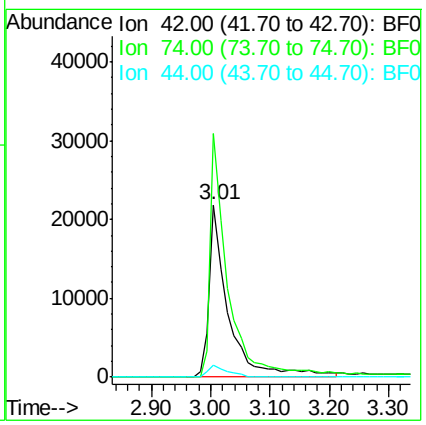


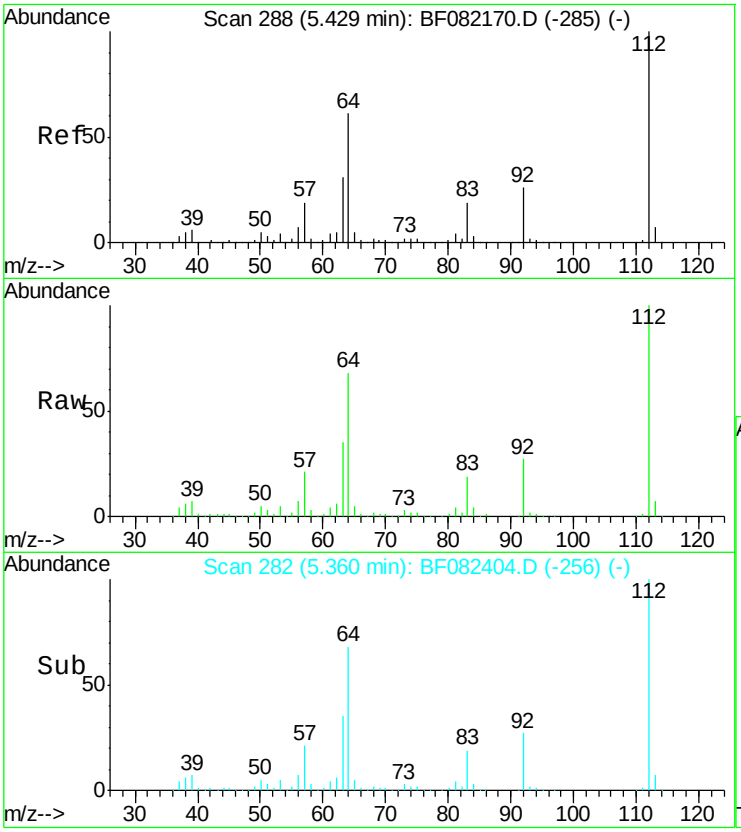




#4
n-Nitrosodimethylamine
Concen: 18.49 ng
RT: 3.01 min Scan# 76
Delta R.T. 0.03 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion: 42 Resp: 49048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.4 | 105.7 | 158.5 |
| 44 | 7.2 | 5.4 | 8.2 |



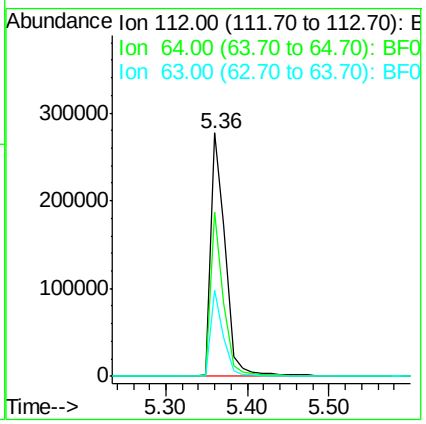


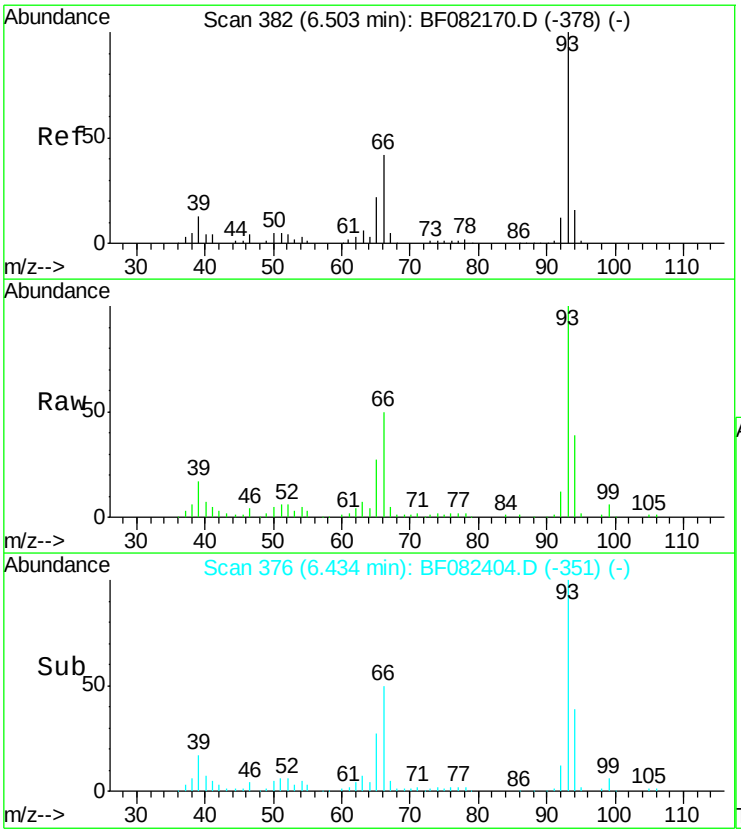

#5
2-Fluorophenol
Concen: 64.63 ng
RT: 5.36 min Scan# 282
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:112 Resp: 345863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.7 | 48.6 | 73.0 |
| 63 | 35.2 | 25.1 | 37.7 |

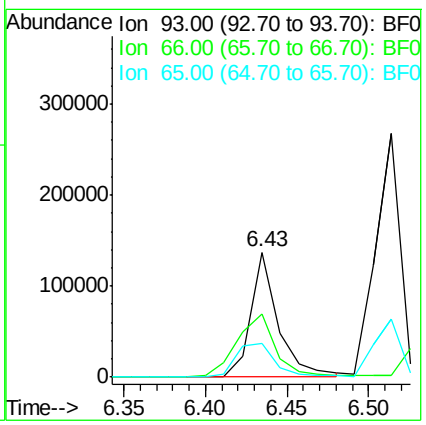


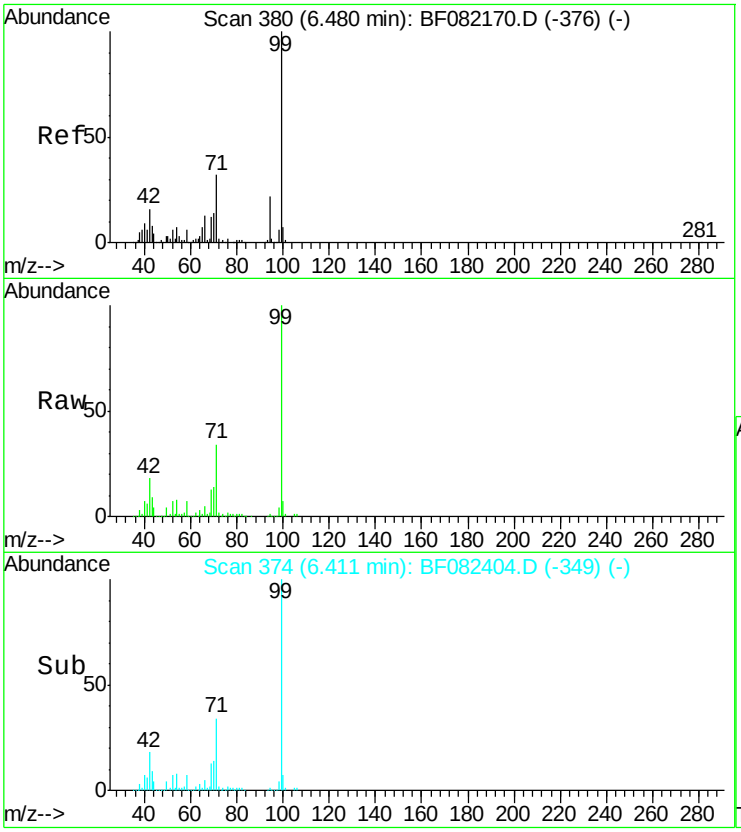




#6
Aniline
Concen: 17.93 ng
RT: 6.43 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion: 93 Resp: 161015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 50.5 | 34.2 | 51.2 |
| 65 | 27.0 | 17.9 | 26.9# |



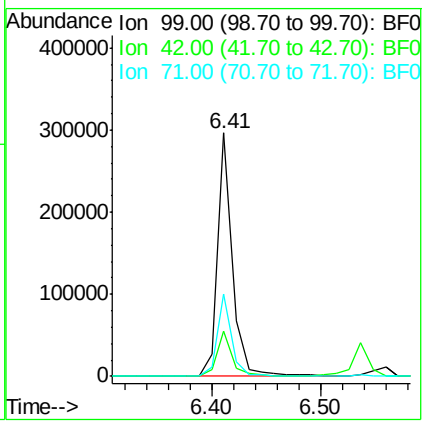


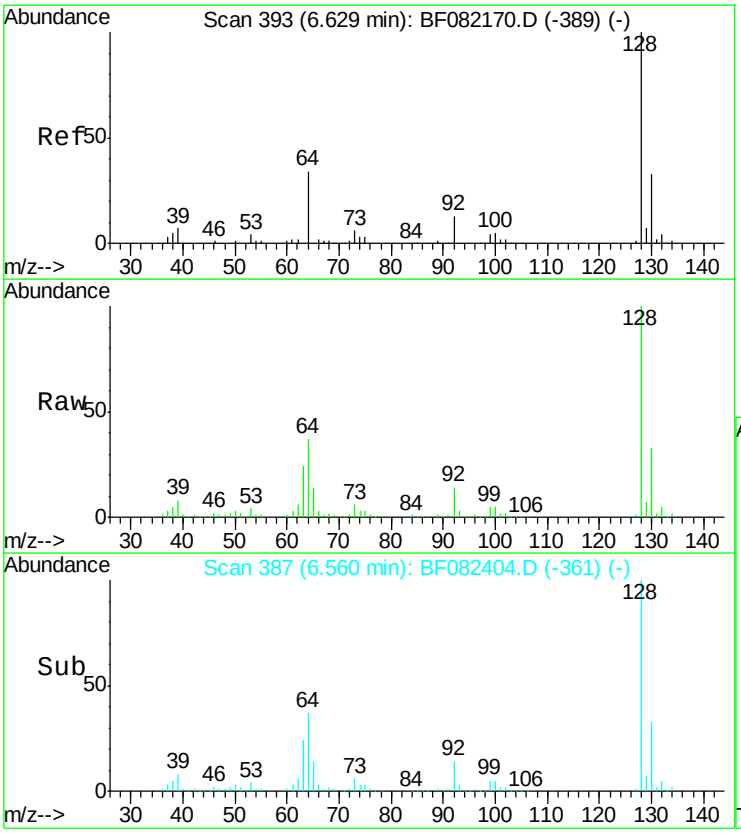

#7
Phenol-d6
Concen: 40.91 ng
RT: 6.41 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion: 99 Resp: 284878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.3 | 13.2 | 19.8 |
| 71 | 33.6 | 25.6 | 38.4 |

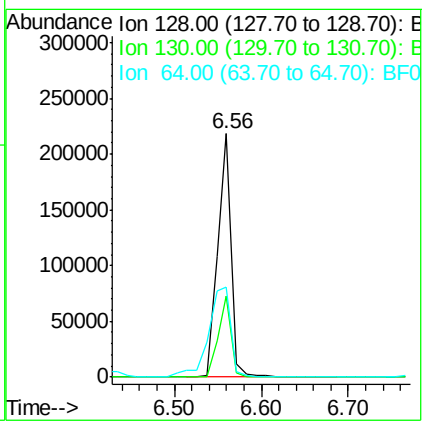


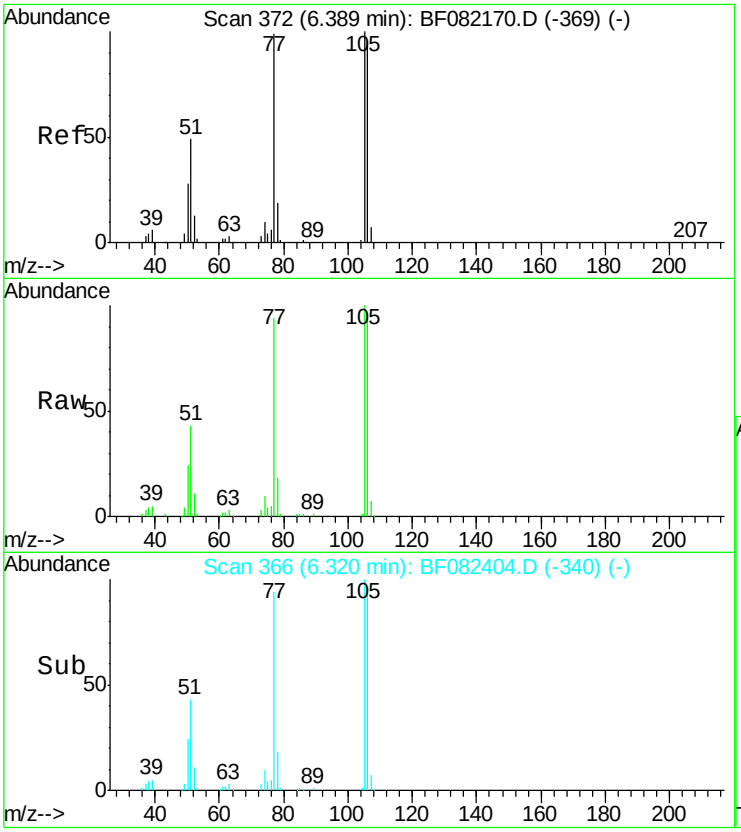




#8
2-Chlorophenol
Concen: 36.47 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:128 Resp: 238268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.4 | 12.6 | 52.6 |
| 64 | 37.1 | 16.7 | 56.7 |



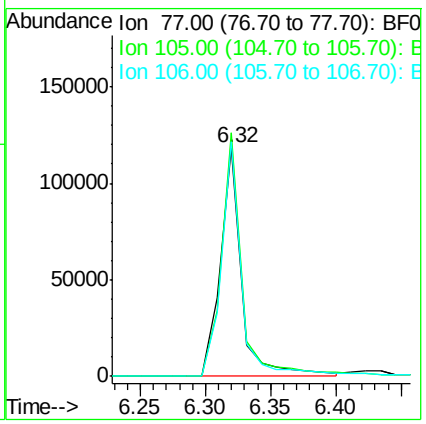


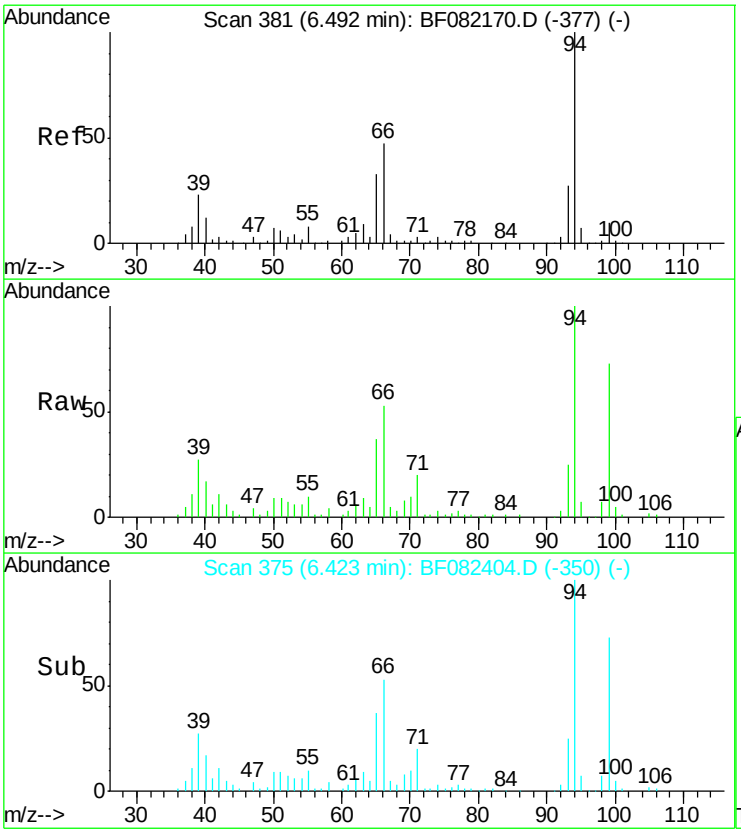

#9
Benzaldehyde
Concen: 38.04 ng
RT: 6.32 min Scan# 366
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion: 77 Resp: 135292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.4 | 80.6 | 120.6 |
| 106 | 102.5 | 75.5 | 115.5 |

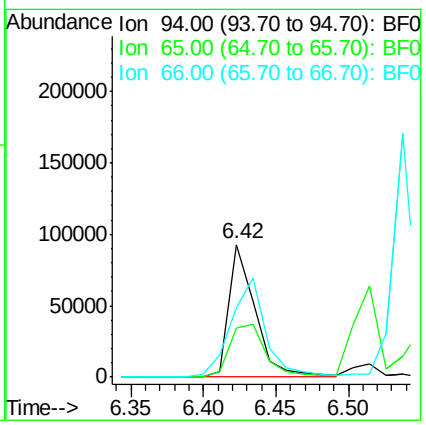


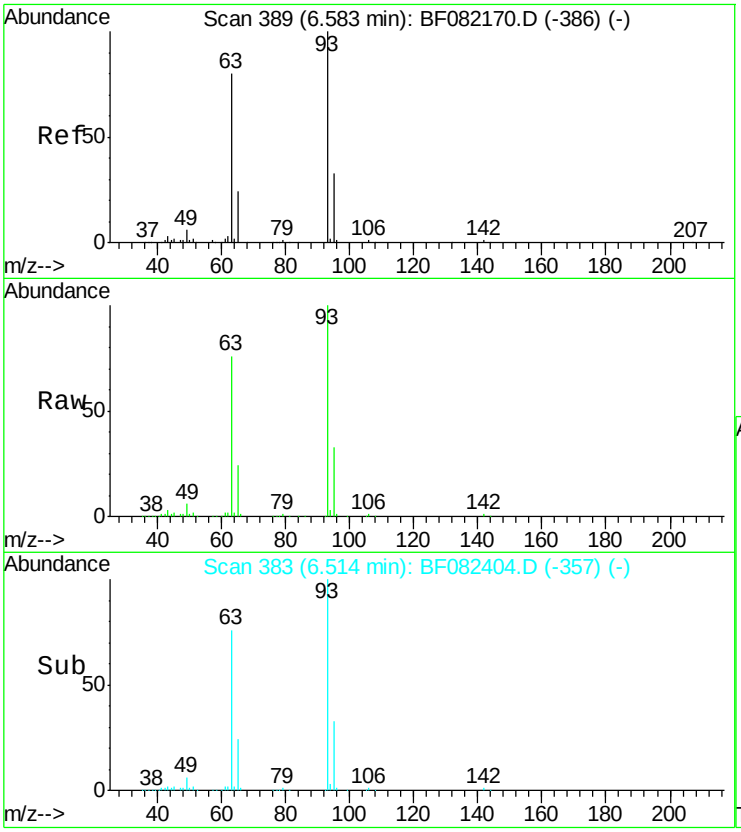




#10
Phenol
Concen: 14.57 ng
RT: 6.42 min Scan# 375
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion: 94 Resp: 117000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 37.2 | 12.6 | 52.6 |
| 66 | 53.0 | 27.3 | 67.3 |



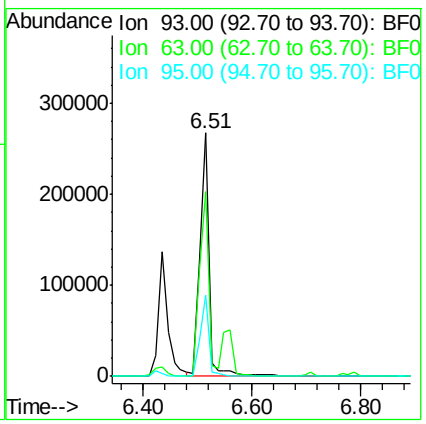


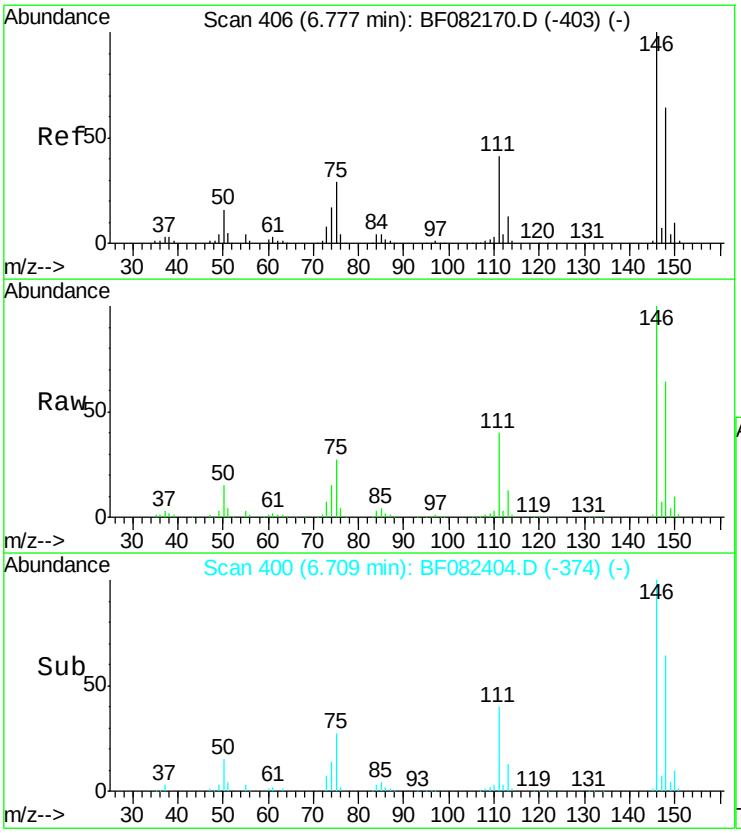

#11
bis(2-Chloroethyl)ether
Concen: 44.15 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion: 93 Resp: 299763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.6 | 57.1 | 97.1 |
| 95 | 33.0 | 11.9 | 51.9 |

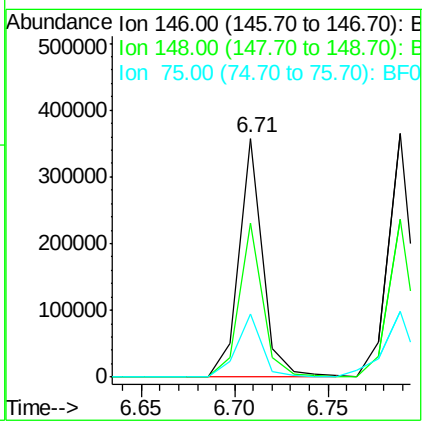


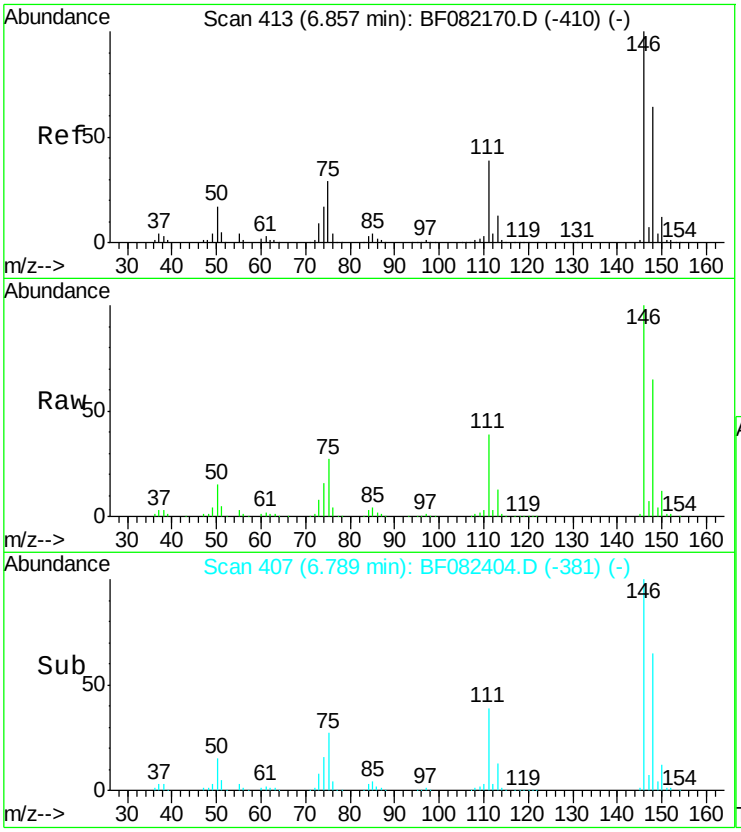




#12
1,3-Dichlorobenzene
Concen: 42.01 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:146 Resp: 319592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.4 | 77.2 |
| 75 | 26.6 | 23.0 | 34.6 |



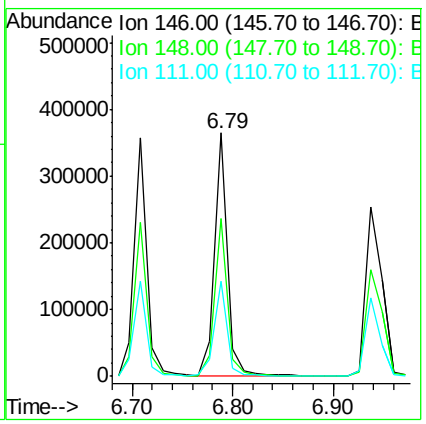


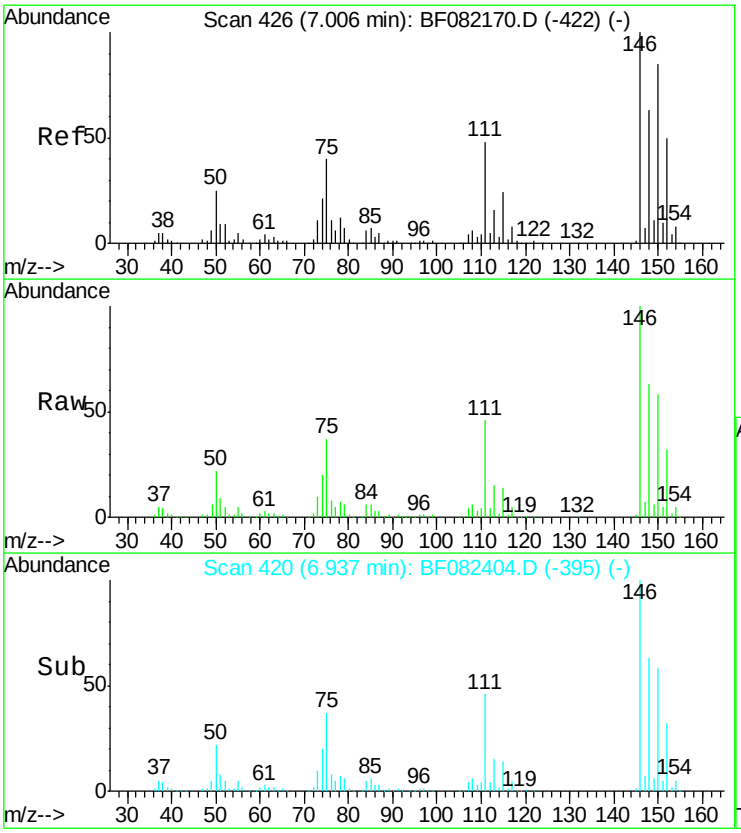

#13
1,4-Dichlorobenzene
Concen: 41.55 ng
RT: 6.79 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:146 Resp: 330125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.0 | 76.4 |
| 111 | 38.8 | 31.1 | 46.7 |

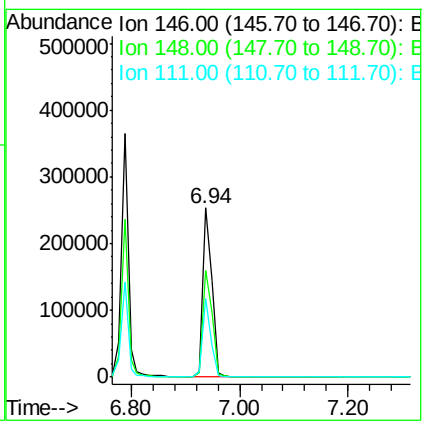


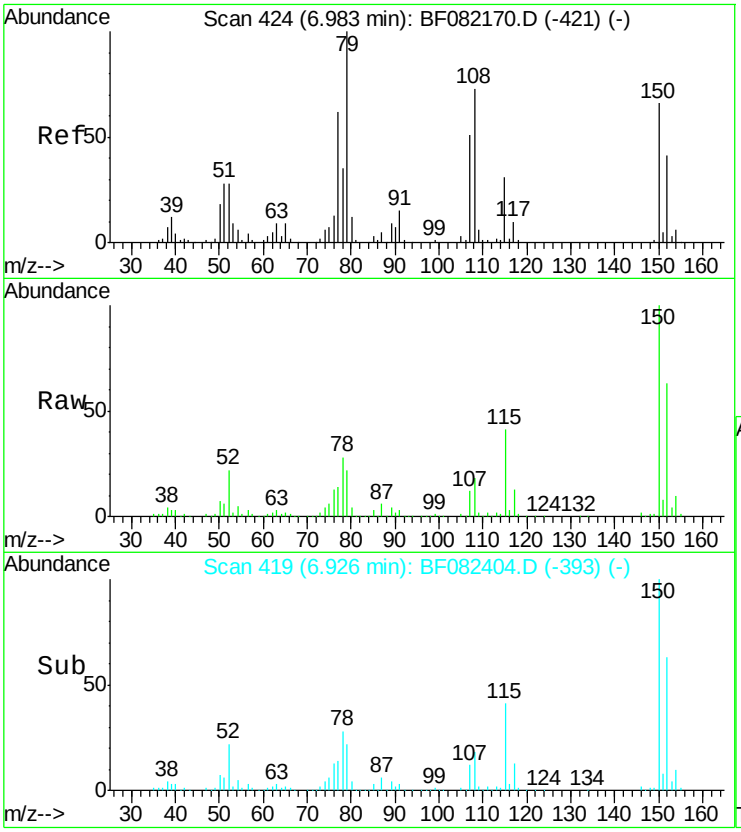




#14
1,2-Dichlorobenzene
Concen: 38.83 ng
RT: 6.94 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:146 Resp: 292949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 50.5 | 75.7 |
| 111 | 46.4 | 38.5 | 57.7 |



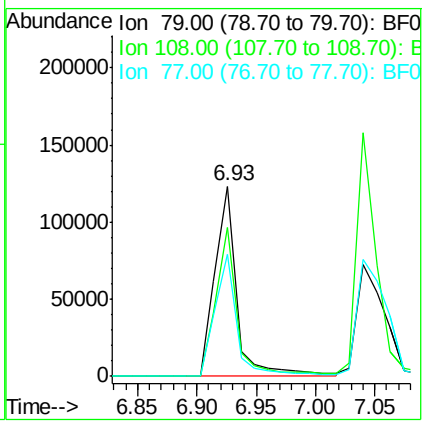


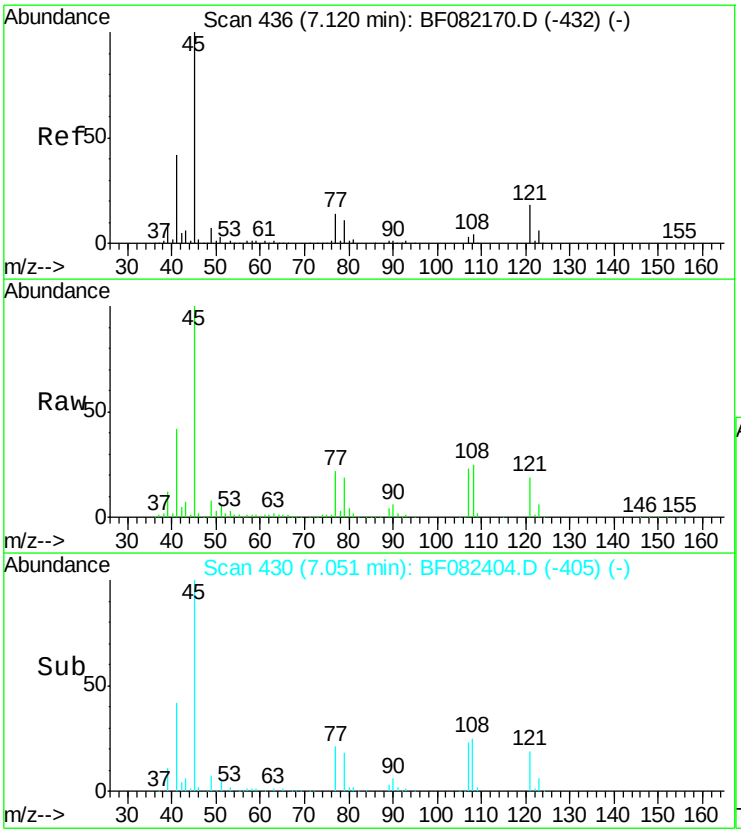

#15
Benzyl Alcohol
Concen: 32.62 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion: 79 Resp: 156813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.5 | 58.4 | 87.6 |
| 77 | 64.0 | 49.8 | 74.6 |

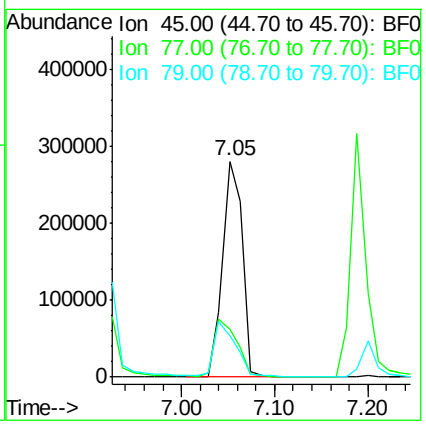


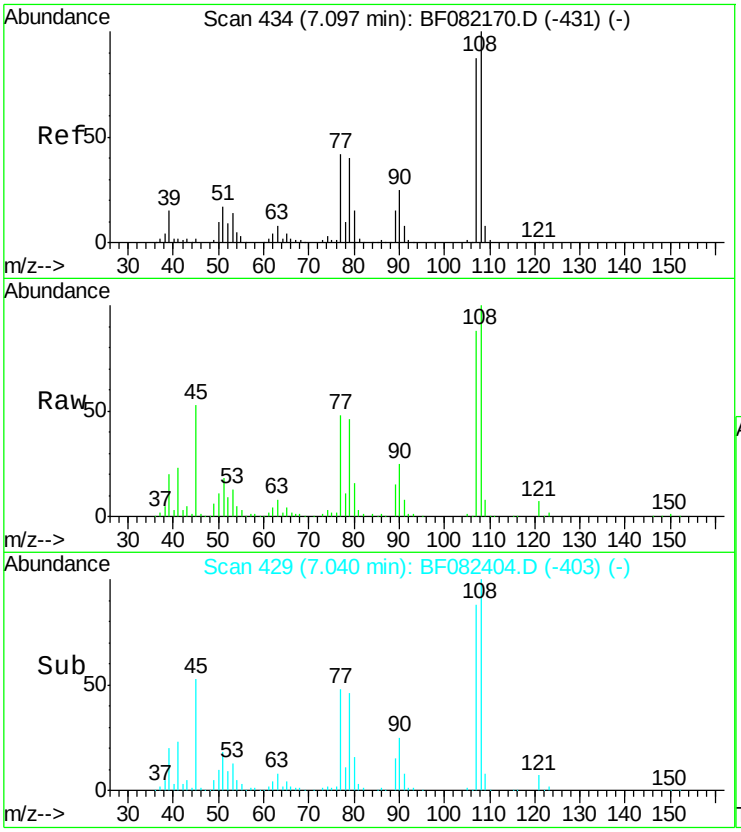




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.97 ng
RT: 7.05 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion: 45 Resp: 415721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 21.9 | 0.0 | 34.5 |
| 79 | 19.3 | 0.0 | 31.6 |



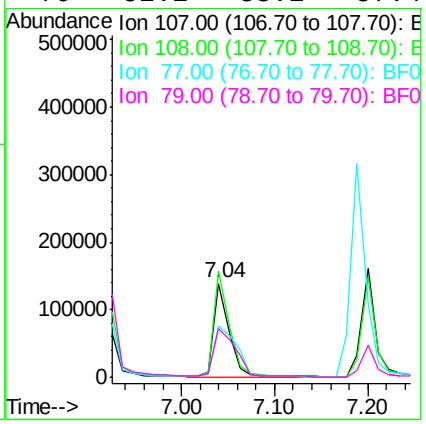


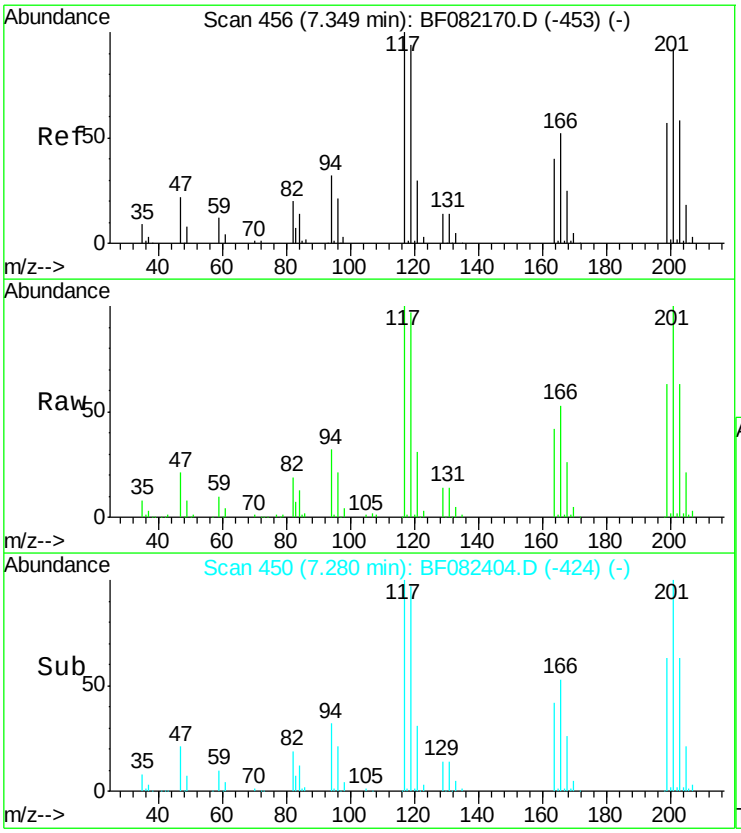

#17
2-Methylphenol
Concen: 30.73 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:107 Resp: 158735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.0 | 92.2 | 138.2 |
| 77 | 54.7 | 39.6 | 59.4 |
| 79 | 52.2 | 38.2 | 57.4 |

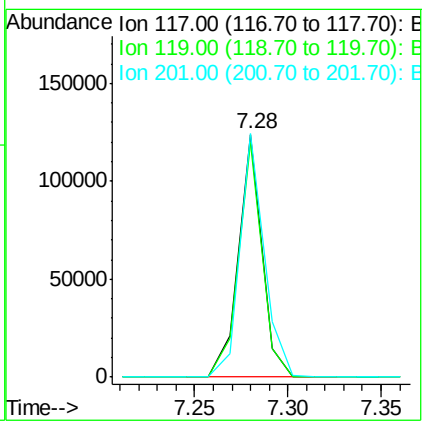


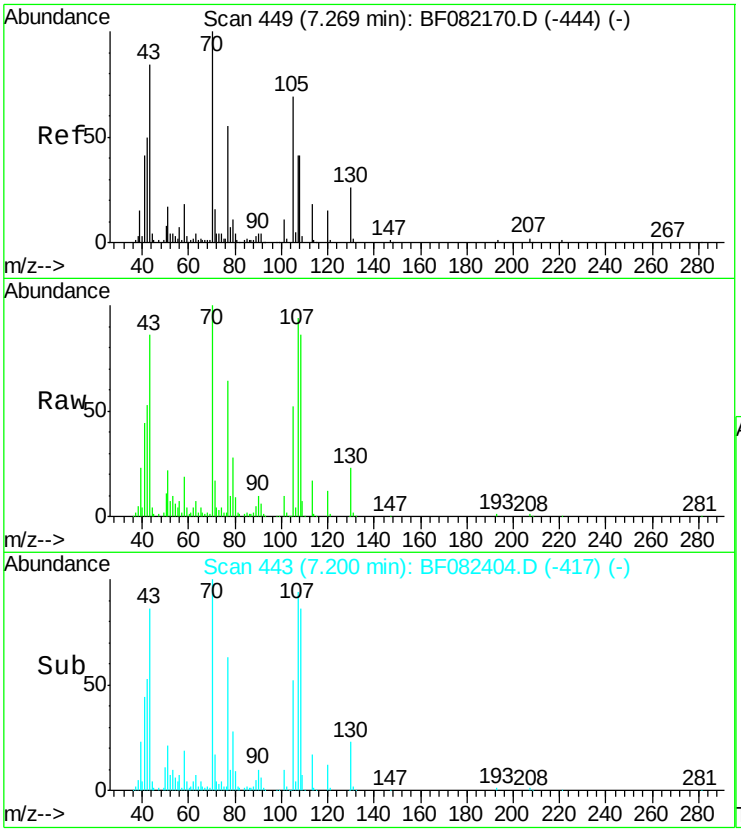




#18
Hexachloroethane
Concen: 40.38 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:117 Resp: 109803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 75.4 | 113.2 |
| 201 | 100.4 | 73.4 | 110.0 |



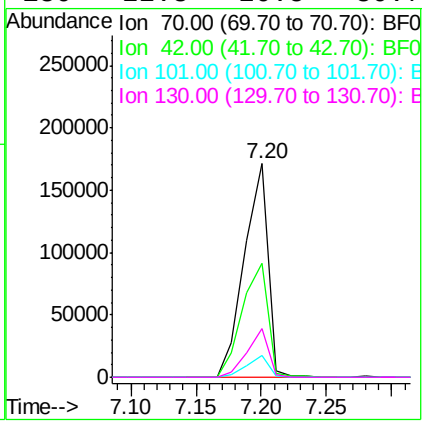


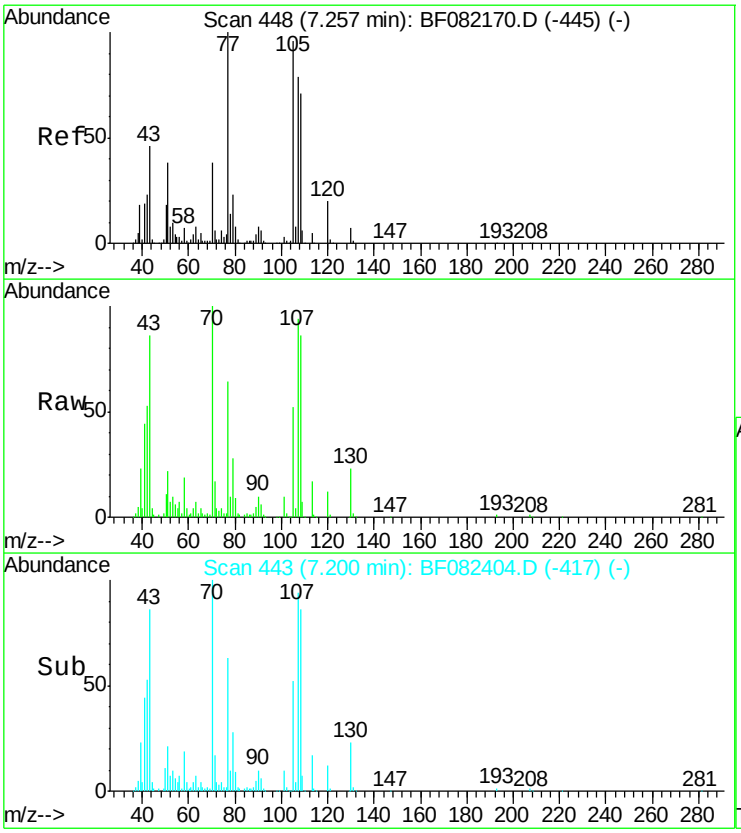

#19
n-Nitroso-di-n-propylamine
Concen: 44.66 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion: 70 Resp: 218422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.4 | 39.8 | 59.8 |
| 101 | 10.2 | 8.6 | 13.0 |
| 130 | 22.8 | 20.5 | 30.7 |

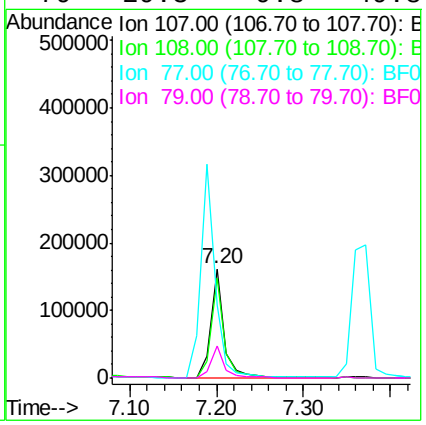


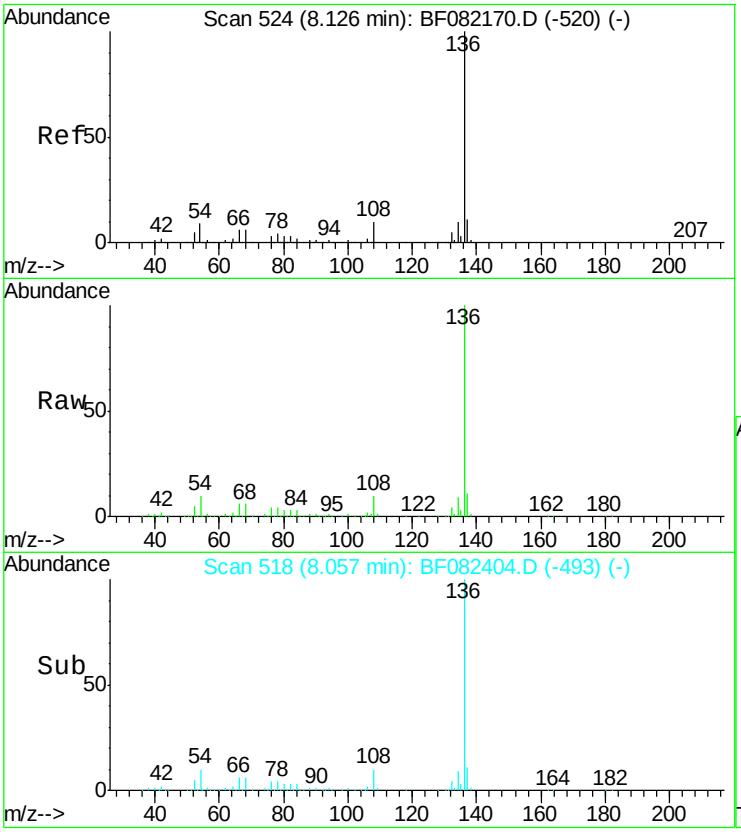




#20
3+4-Methylphenols
Concen: 28.09 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:107 Resp: 172946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.7 | 69.9 | 109.9 |
| 77 | 67.7 | 106.0 | 146.0# |
| 79 | 29.3 | 9.8 | 49.8 |



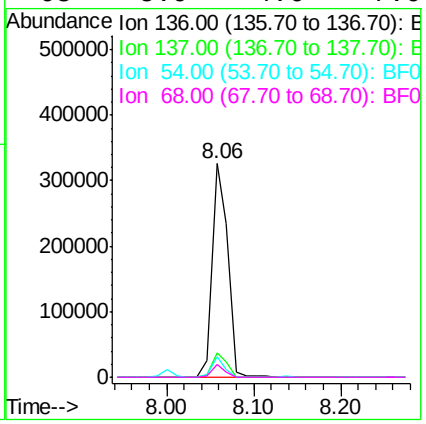


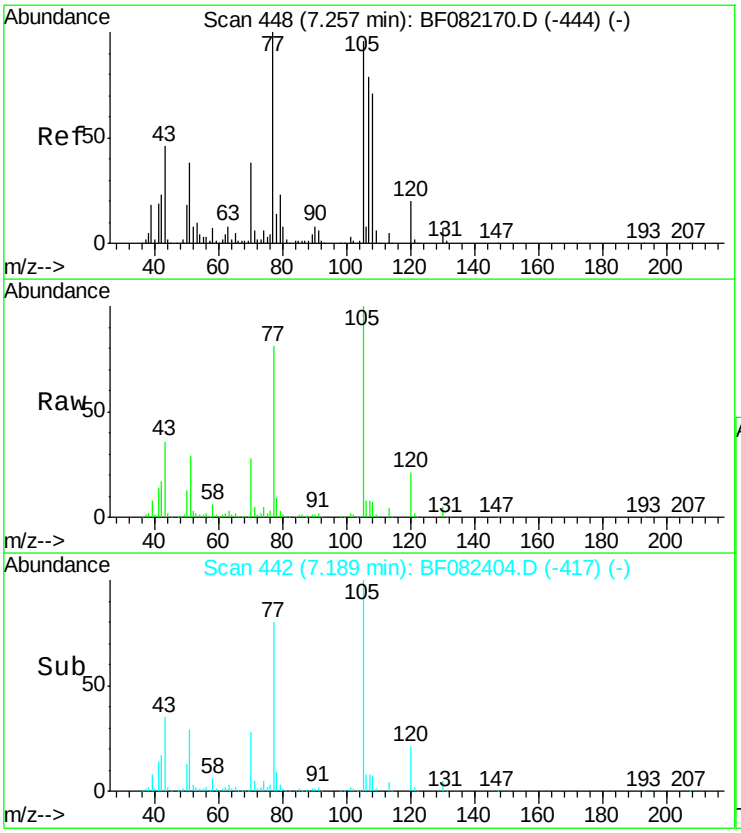

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:136 Resp: 413113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.0 | 13.6 |
| 54 | 9.7 | 7.5 | 11.3 |
| 68 | 5.9 | 4.6 | 7.0 |

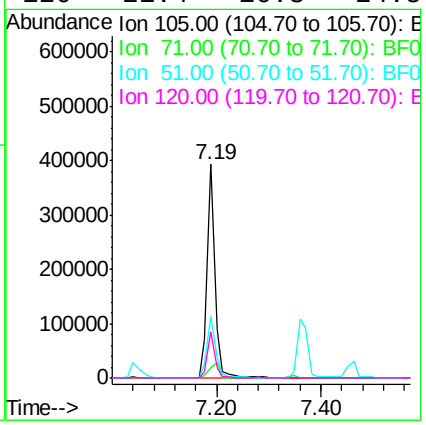


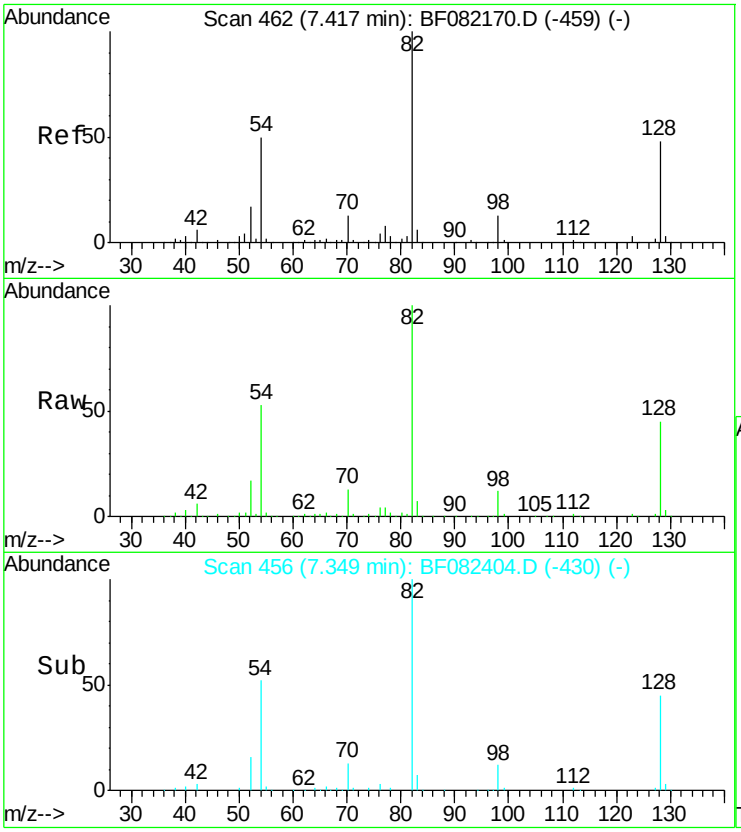




#22
Acetophenone
Concen: 49.84 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:105 Resp: 407254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.7 | 5.4 | 8.0# |
| 51 | 29.0 | 31.8 | 47.6# |
| 120 | 21.4 | 16.3 | 24.5 |



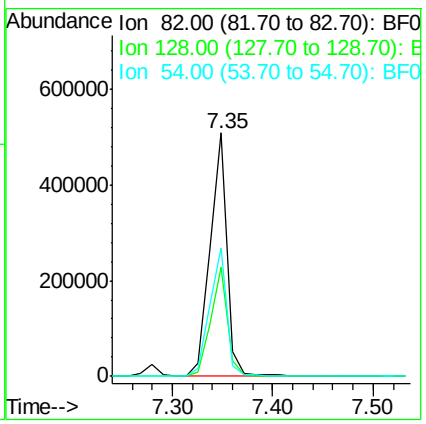


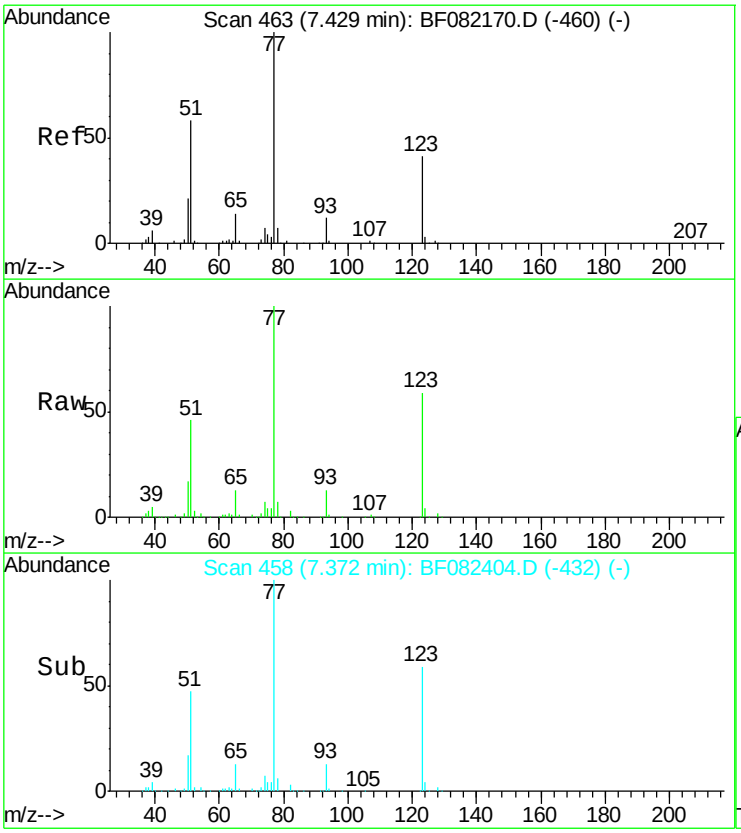

#23
Nitrobenzene-d5
Concen: 96.94 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion: 82 Resp: 596342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.8 | 38.7 | 58.1 |
| 54 | 52.8 | 40.1 | 60.1 |

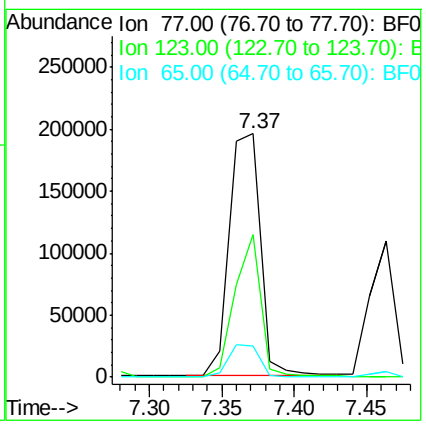


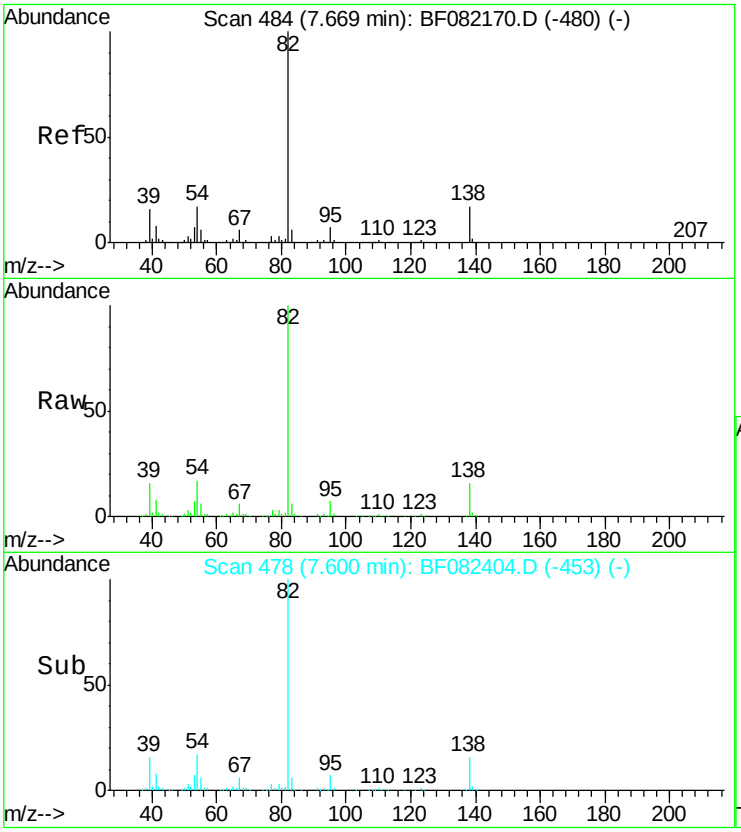




#24
Nitrobenzene
Concen: 43.89 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion: 77 Resp: 292278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 58.6 | 33.0 | 49.4# |
| 65 | 12.8 | 11.2 | 16.8 |



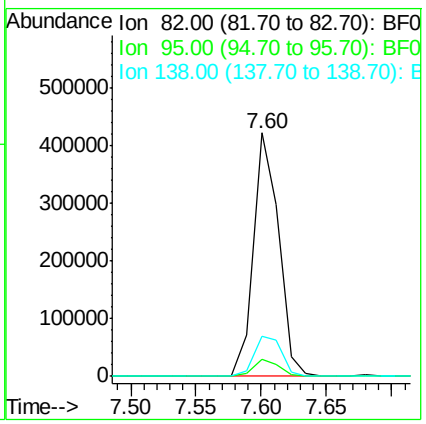


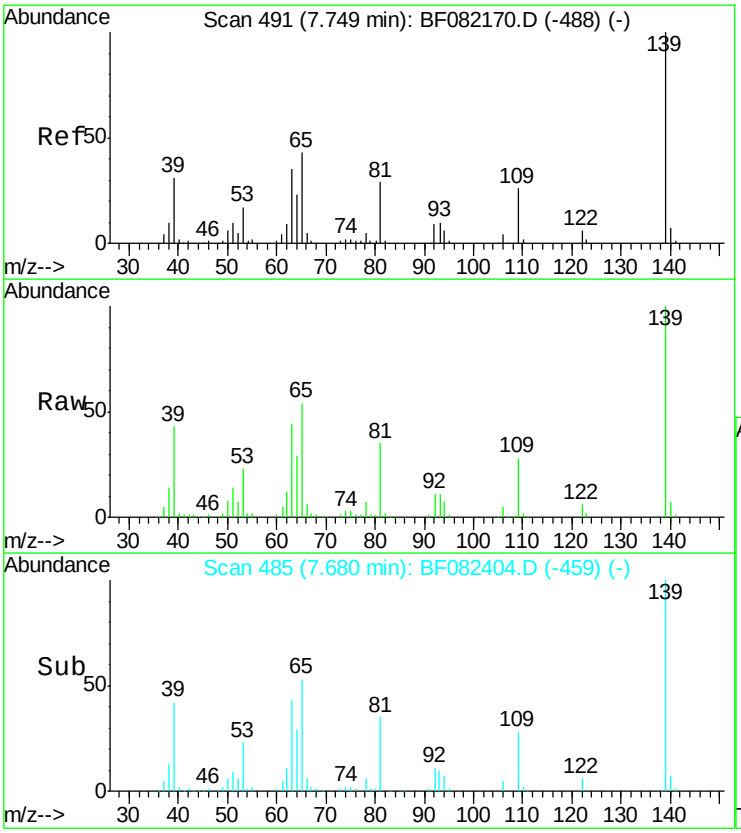

#25
Isophorone
Concen: 46.07 ng
RT: 7.60 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion: 82 Resp: 572041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.8 | 5.6 | 8.4 |
| 138 | 16.4 | 13.6 | 20.4 |

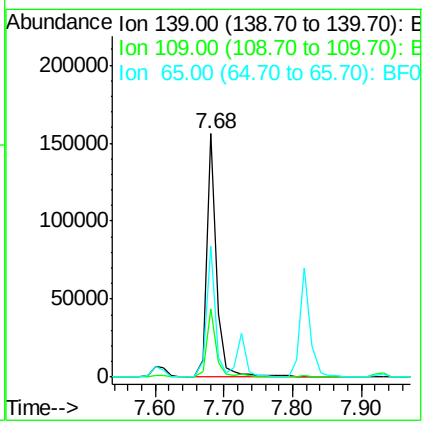


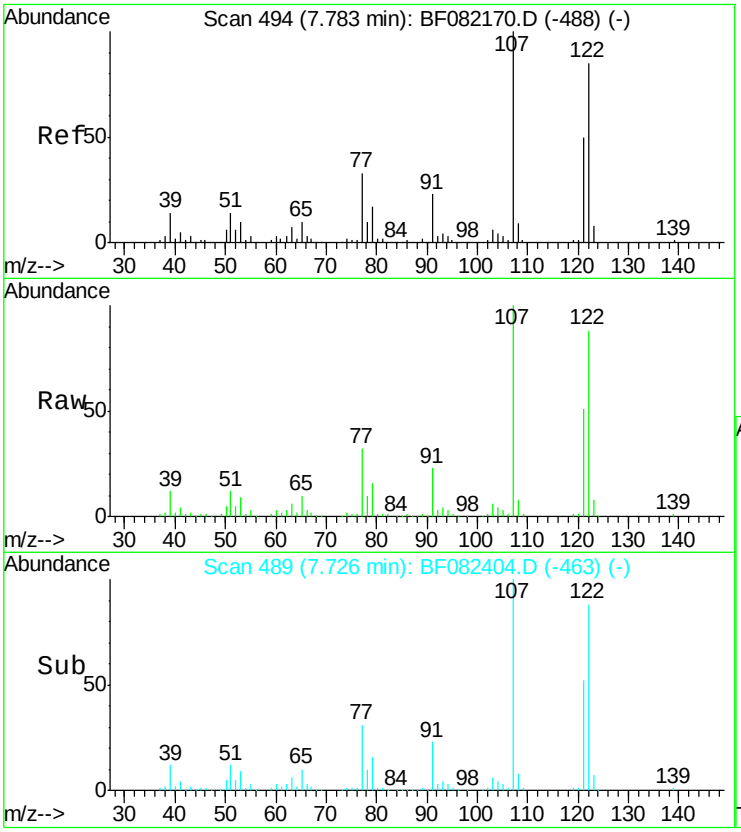




#26
2-Nitrophenol
Concen: 46.88 ng
RT: 7.68 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:139 Resp: 155862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.0 | 20.6 | 31.0 |
| 65 | 53.9 | 34.3 | 51.5# |



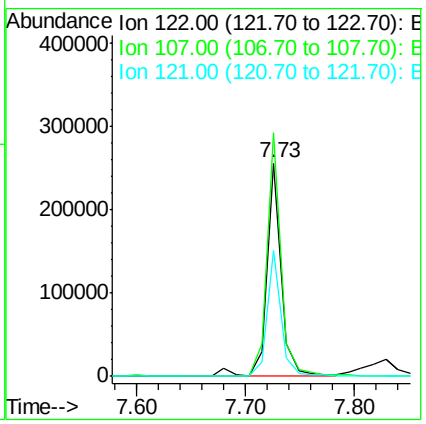


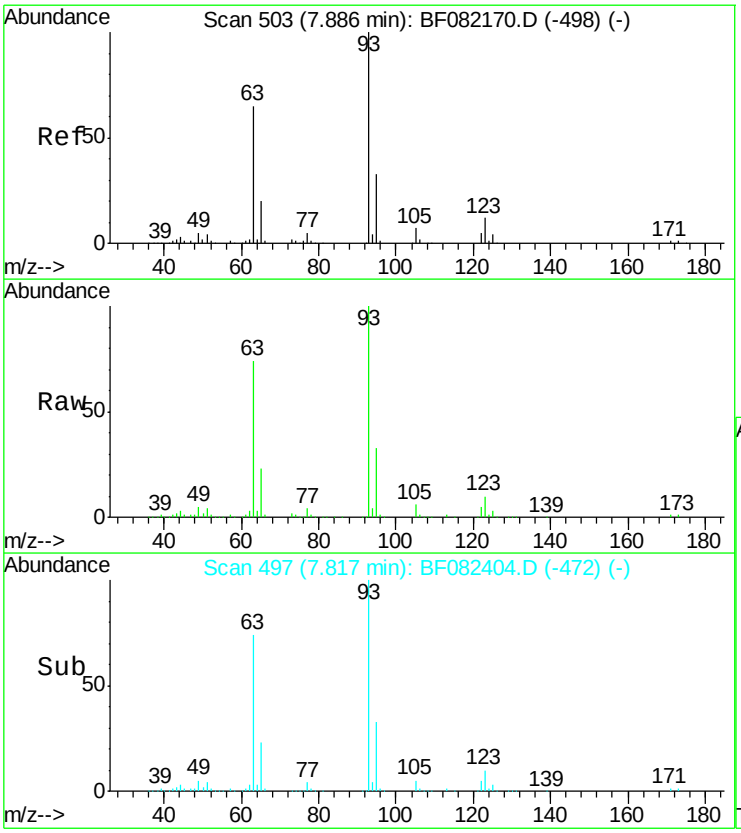

#27
2,4-Dimethylphenol
Concen: 45.48 ng
RT: 7.73 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:122 Resp: 243612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.1 | 94.0 | 141.0 |
| 121 | 58.7 | 46.8 | 70.2 |

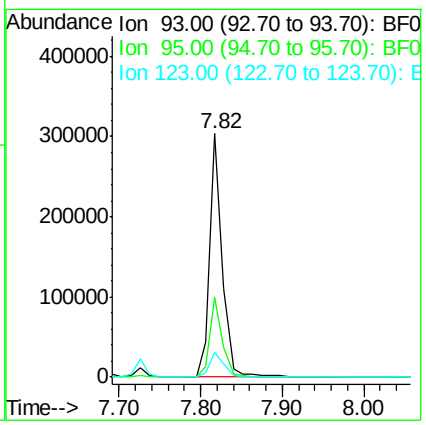


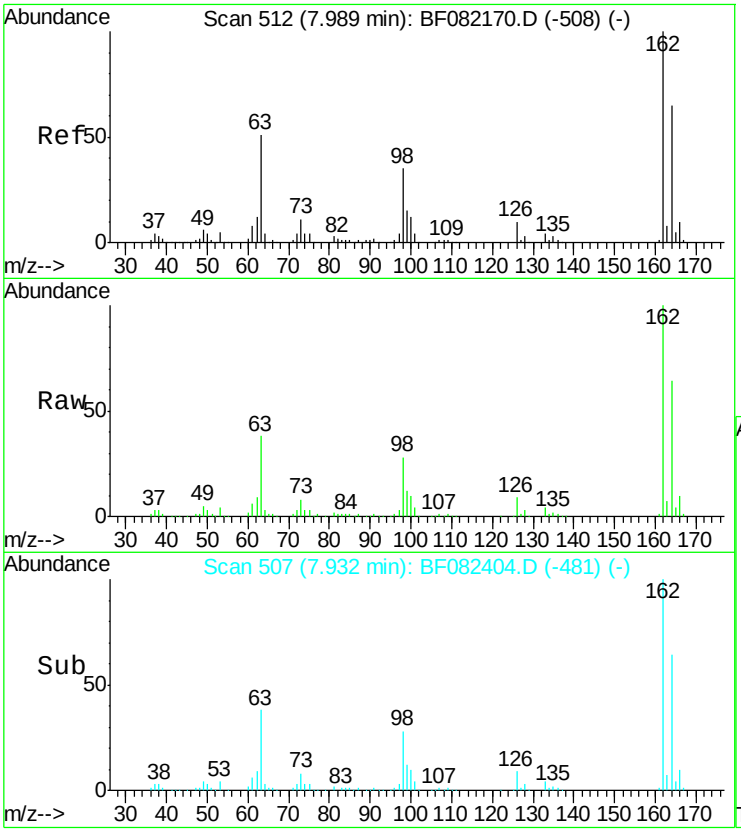




#28
bis(2-Chloroethoxy)methane
Concen: 46.30 ng
RT: 7.82 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion: 93 Resp: 334488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 26.6 | 39.8 |
| 123 | 10.2 | 9.5 | 14.3 |



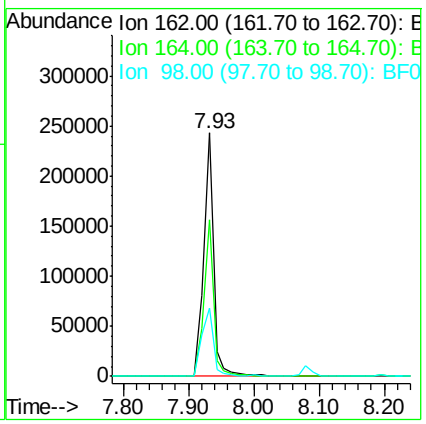


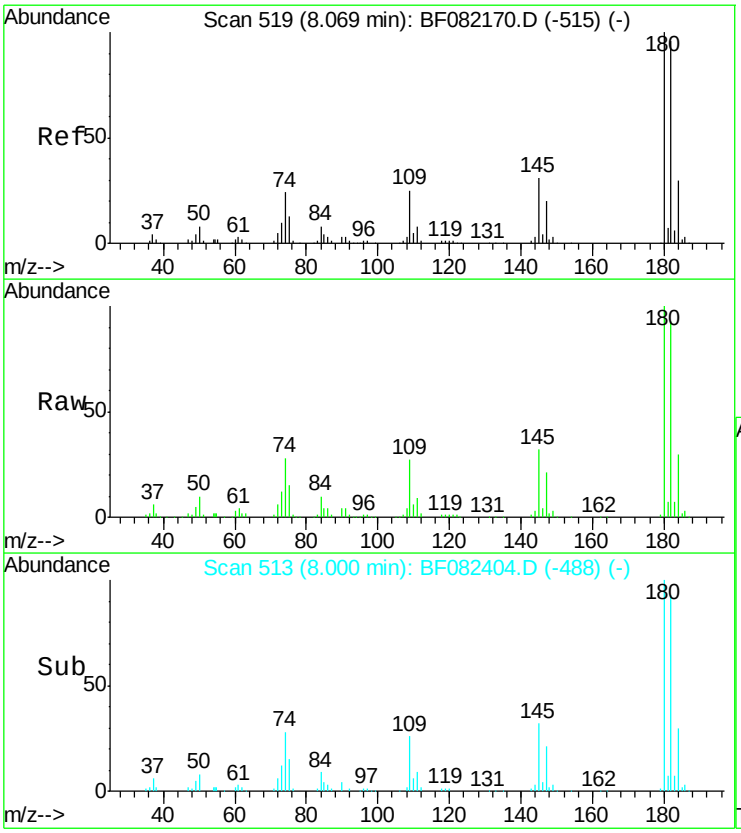

#29
2,4-Dichlorophenol
Concen: 47.65 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:162 Resp: 255149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.1 | 44.6 | 84.6 |
| 98 | 28.2 | 15.0 | 55.0 |

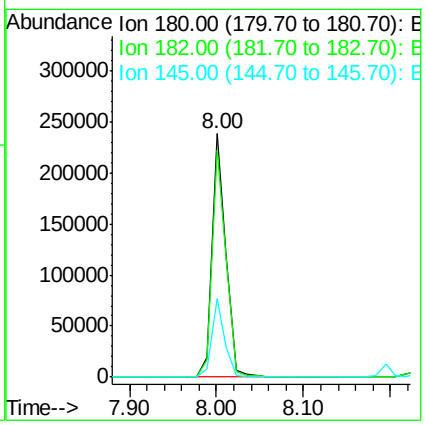


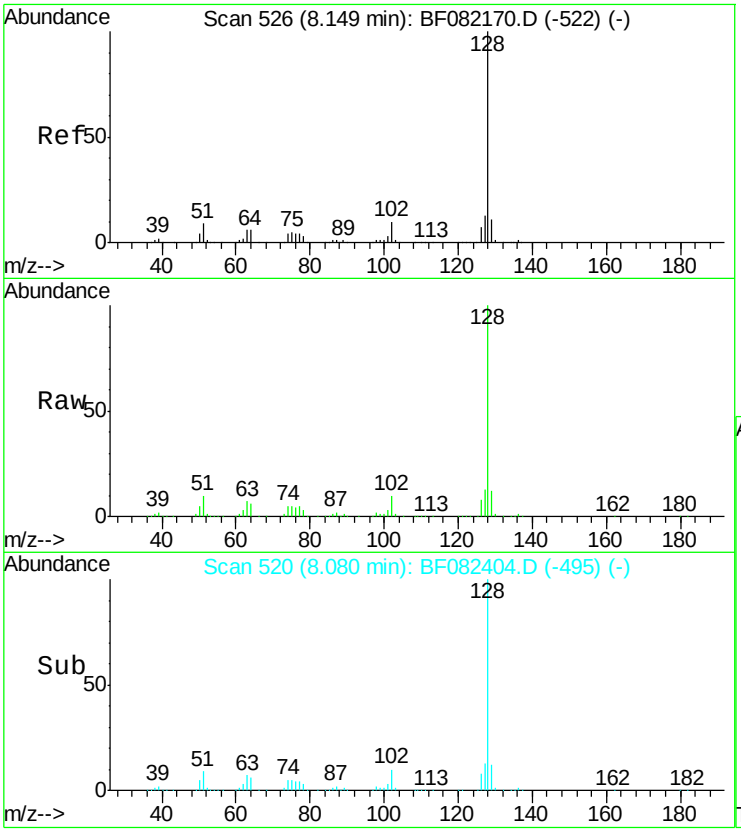




#30
1,2,4-Trichlorobenzene
Concen: 43.08 ng
RT: 8.00 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:180 Resp: 265922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.2 | 77.0 | 115.4 |
| 145 | 32.3 | 25.0 | 37.4 |



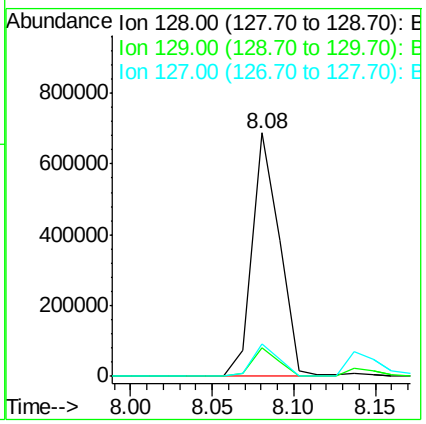


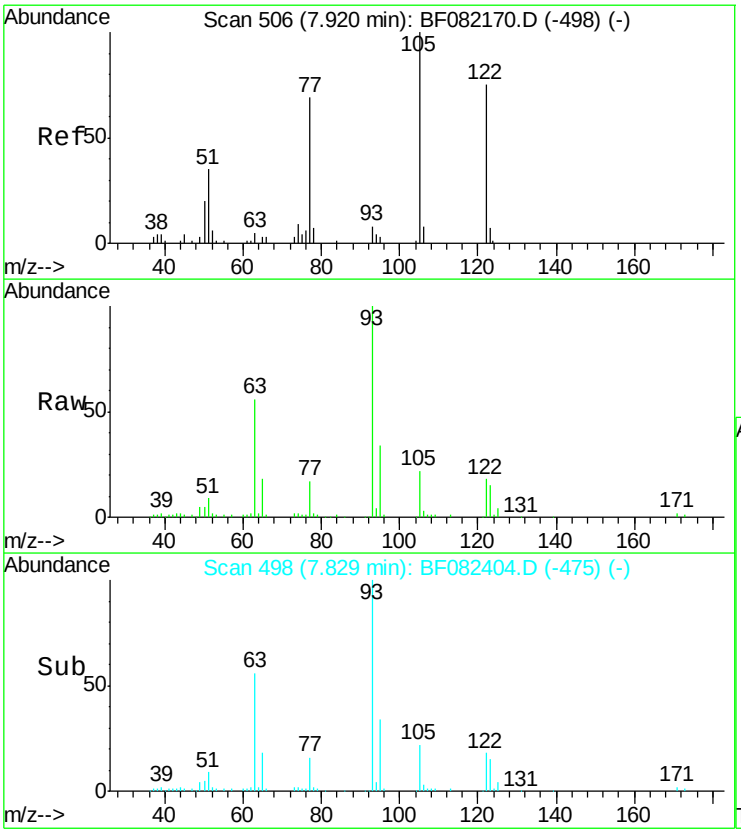

#31
Naphthalene
Concen: 44.86 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:128 Resp: 803359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.1 | 13.7 |
| 127 | 13.4 | 10.7 | 16.1 |

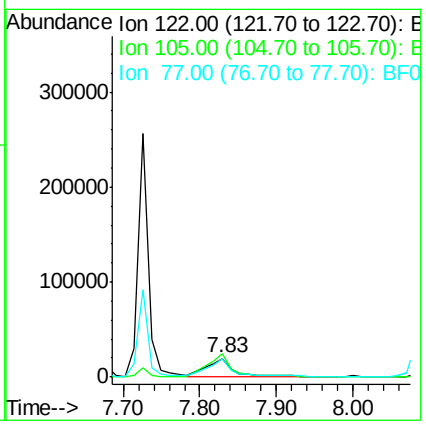


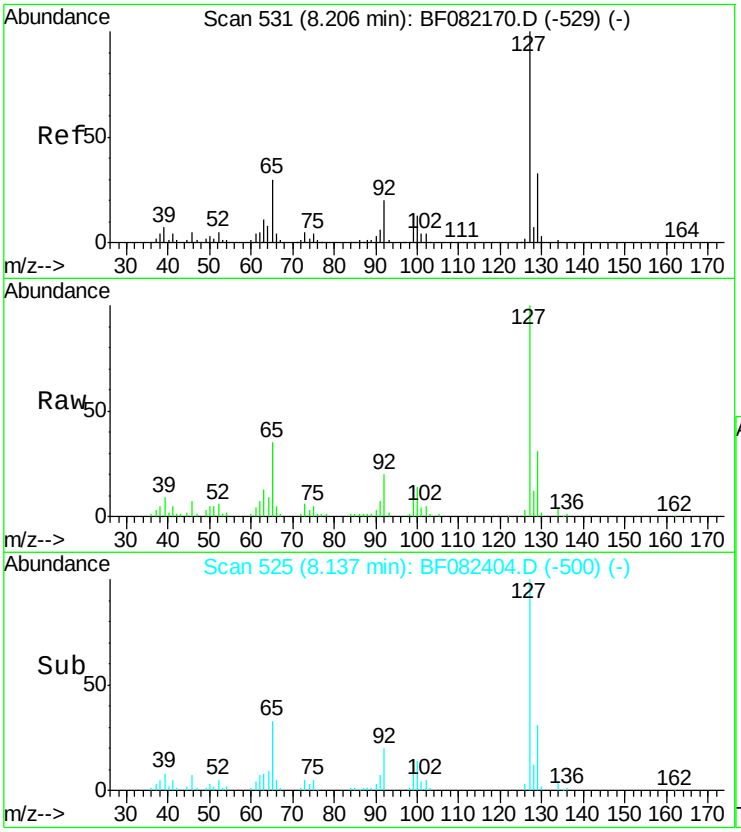




#32
Benzoic acid
Concen: 12.87 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.03 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:122 Resp: 46270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 124.9 | 104.4 | 144.4 |
| 77 | 95.0 | 69.0 | 109.0 |



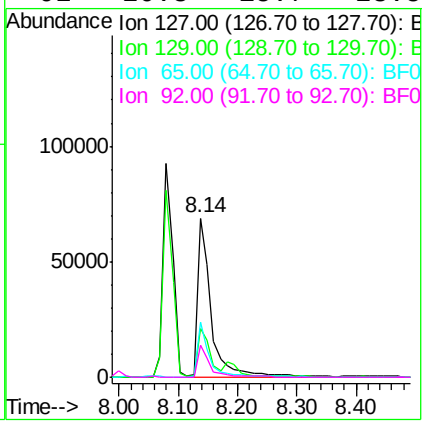


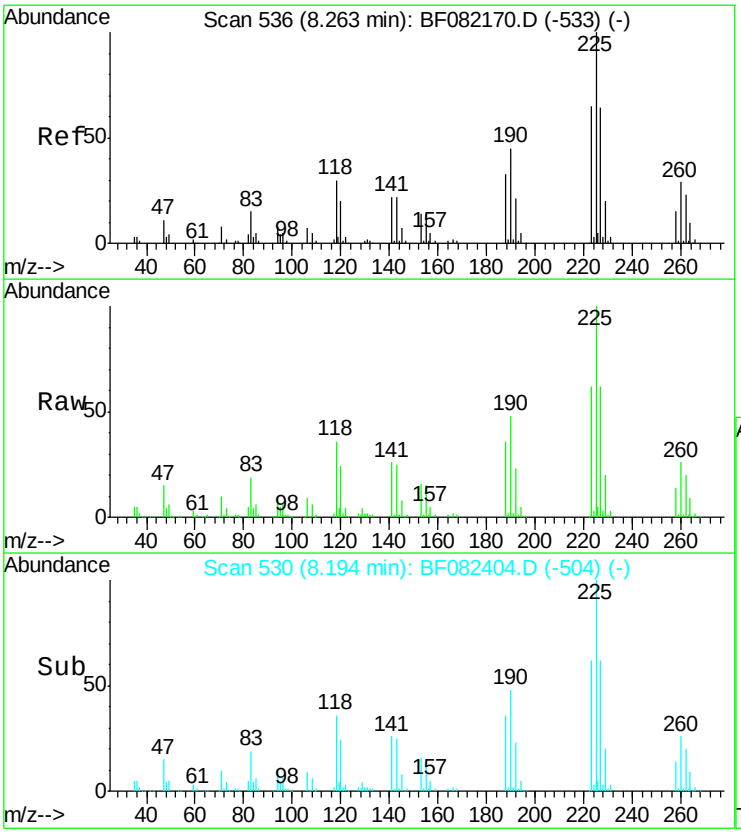

#33
4-Chloroaniline
Concen: 15.30 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:127 Resp: 113755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.0 | 26.3 | 39.5 |
| 65 | 34.9 | 24.4 | 36.6 |
| 92 | 20.3 | 15.7 | 23.5 |

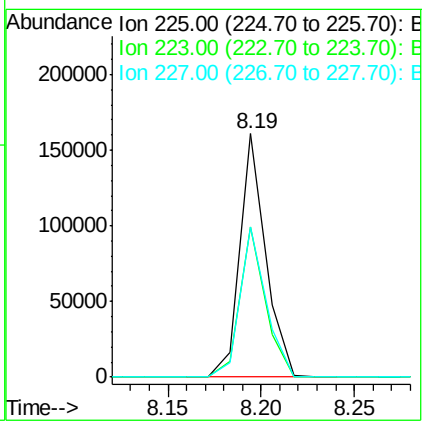


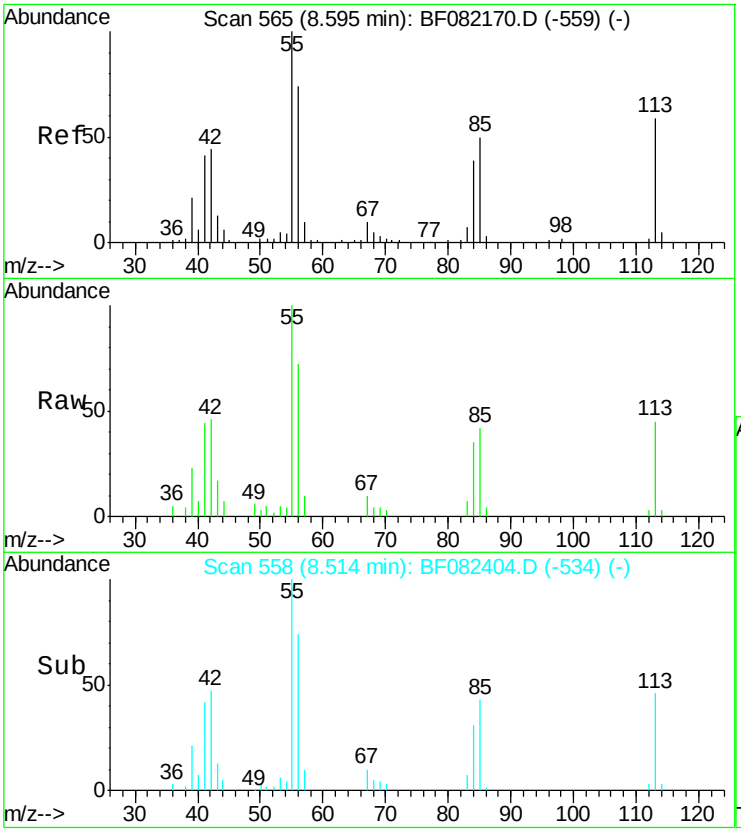




#34
Hexachlorobutadiene
Concen: 40.32 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:225 Resp: 155081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.7 | 52.2 | 78.2 |
| 227 | 61.8 | 51.3 | 76.9 |



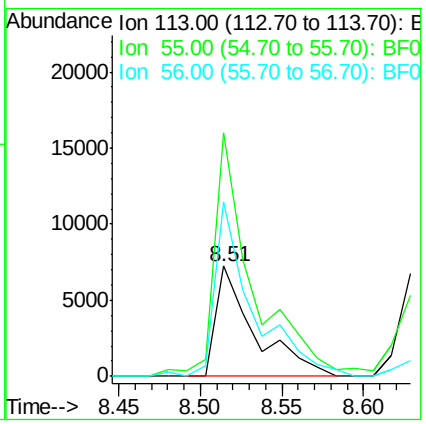


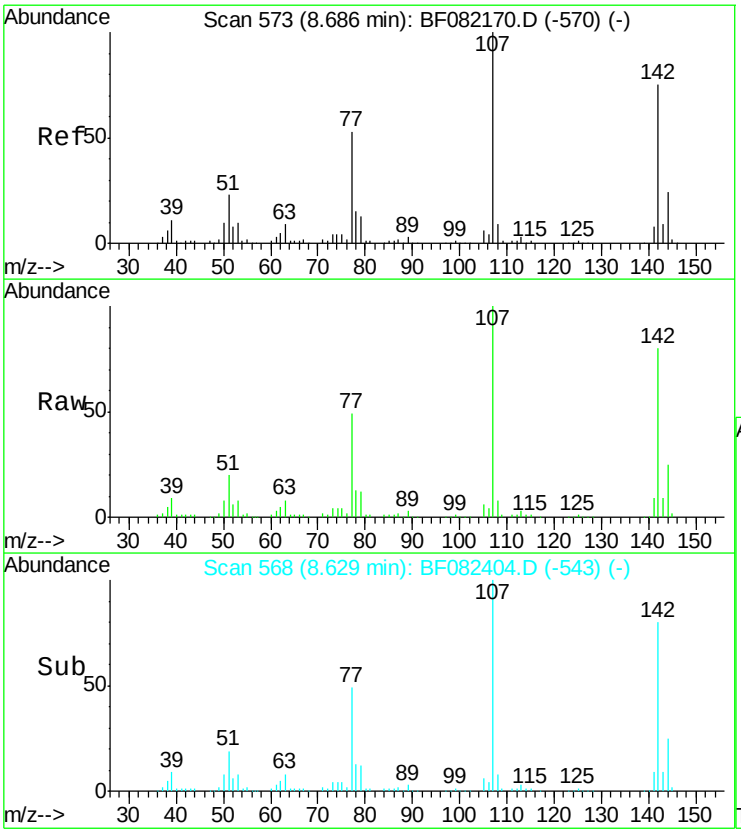

#35
Caprolactam
Concen: 7.57 ng
RT: 8.51 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:113 Resp: 11759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 221.6 | 149.7 | 189.7# |
| 56 | 158.8 | 105.4 | 145.4# |

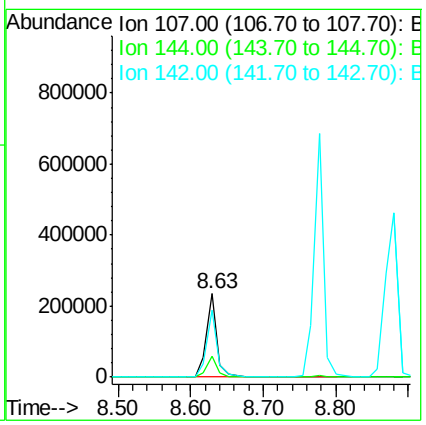


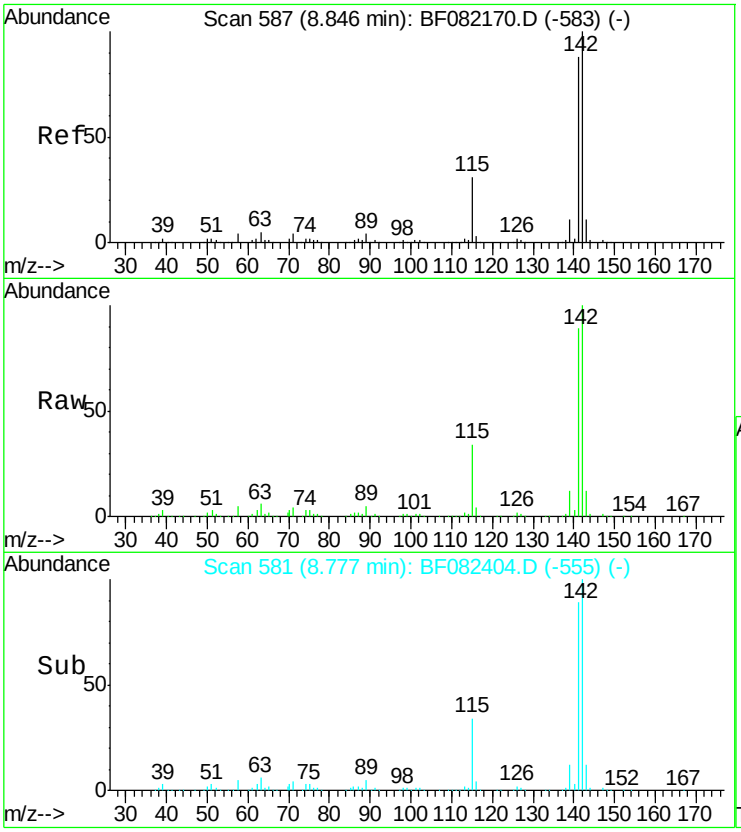




#36
4-Chloro-3-methylphenol
Concen: 45.90 ng
RT: 8.63 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:107 Resp: 240336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.4 | 19.3 | 28.9 |
| 142 | 80.2 | 59.9 | 89.9 |



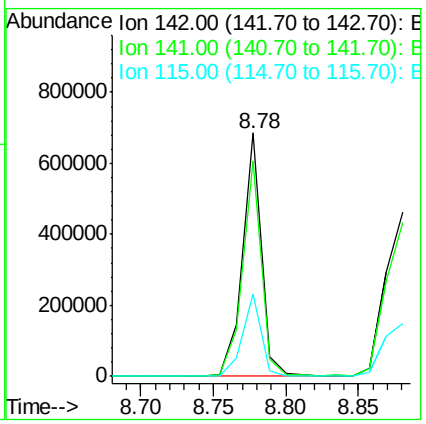


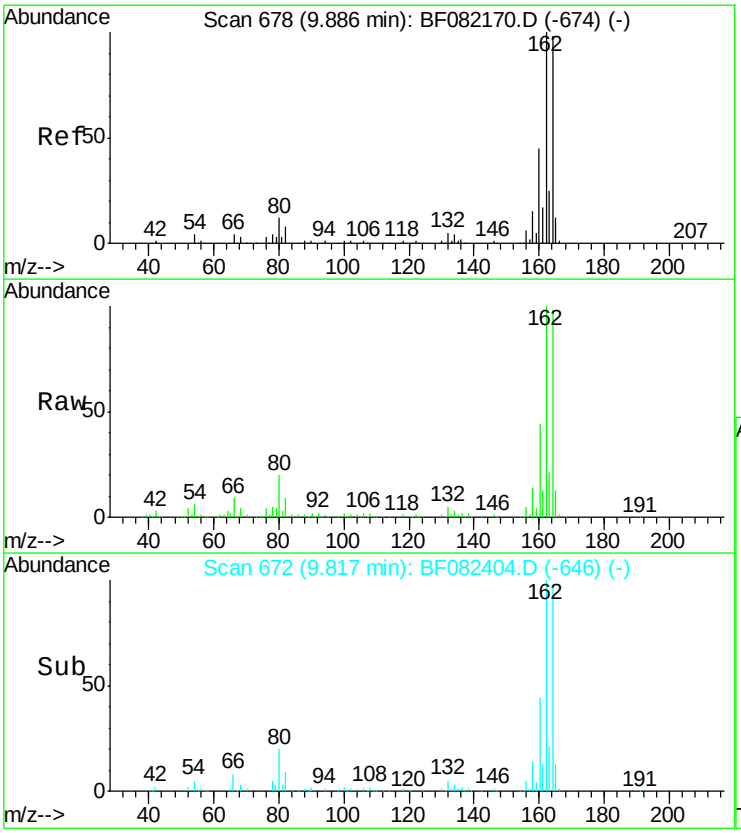

#37
2-Methylnaphthalene
Concen: 50.03 ng
RT: 8.78 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:142 Resp: 621047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 70.4 | 105.6 |
| 115 | 34.0 | 24.6 | 37.0 |

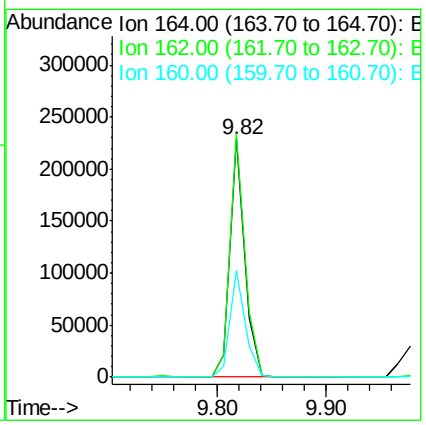


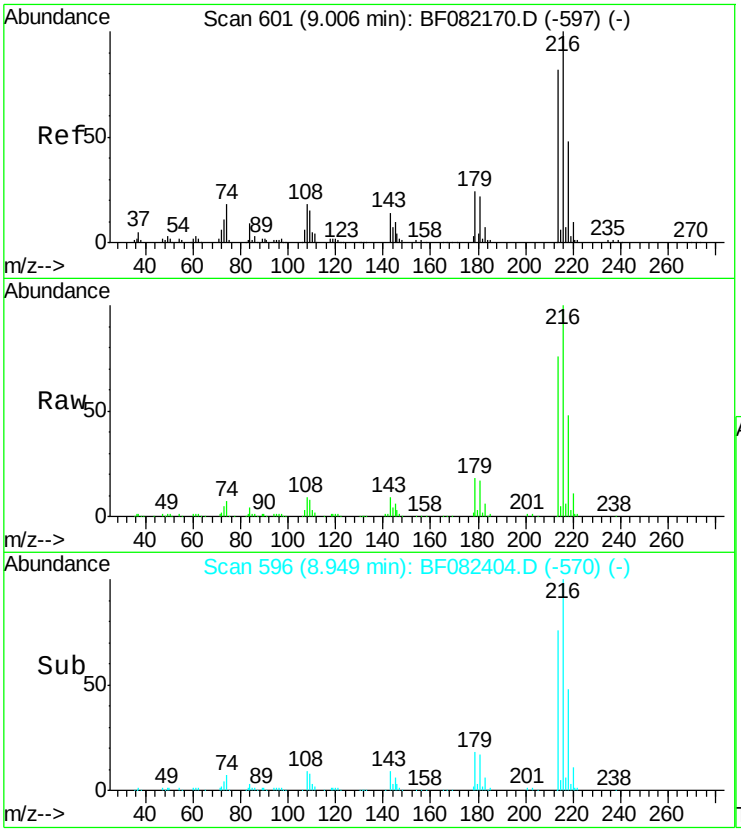




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:164 Resp: 214216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 81.6 | 122.4 |
| 160 | 44.7 | 36.4 | 54.6 |



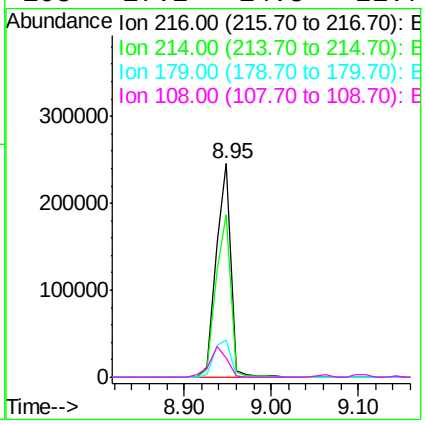


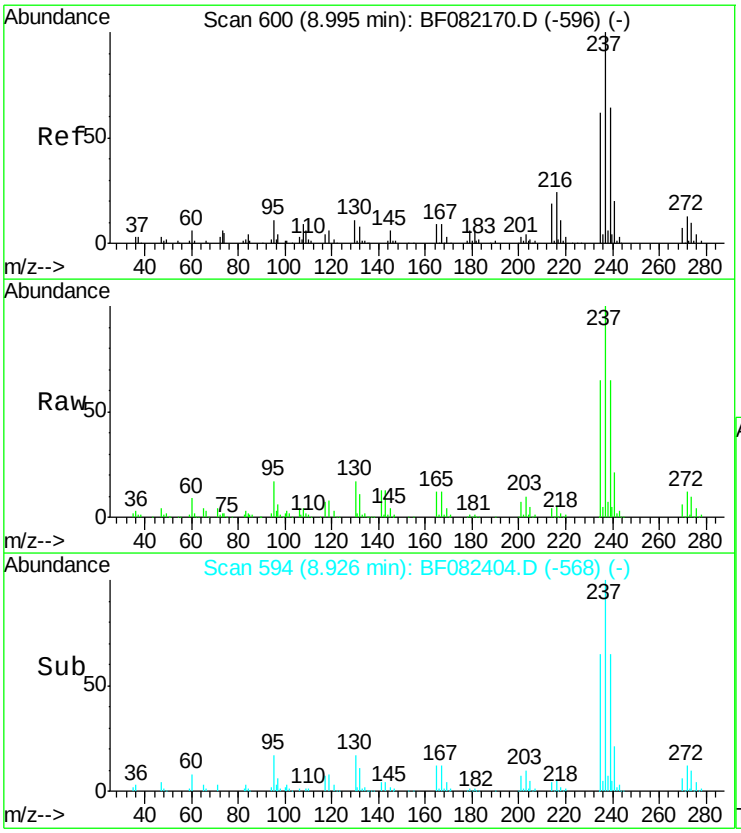

#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.96 ng
RT: 8.95 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:216 Resp: 292824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.0 | 64.6 | 97.0 |
| 179 | 20.1 | 17.6 | 26.4 |
| 108 | 17.2 | 14.5 | 21.7 |

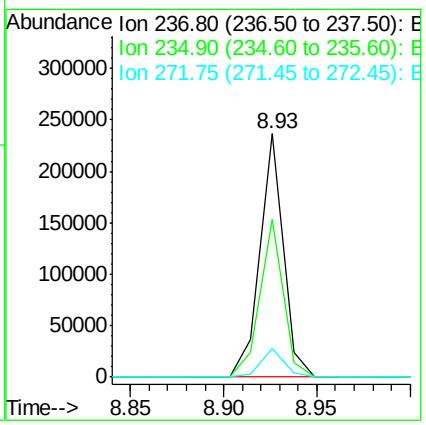


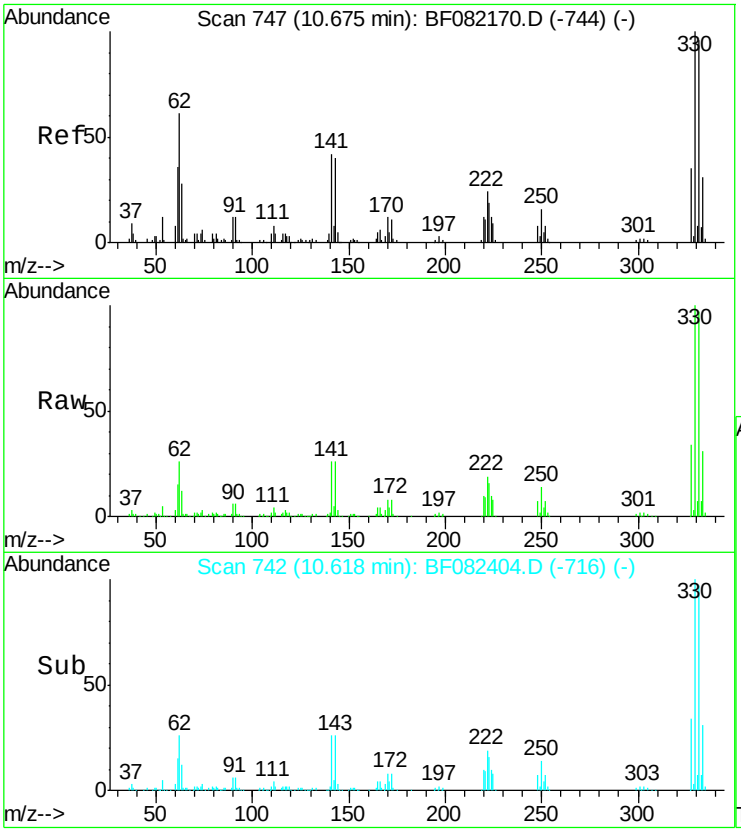




#40
Hexachlorocyclopentadiene
Concen: 65.03 ng
RT: 8.93 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:237 Resp: 204088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.8 | 41.7 | 81.7 |
| 272 | 11.9 | 0.0 | 32.8 |



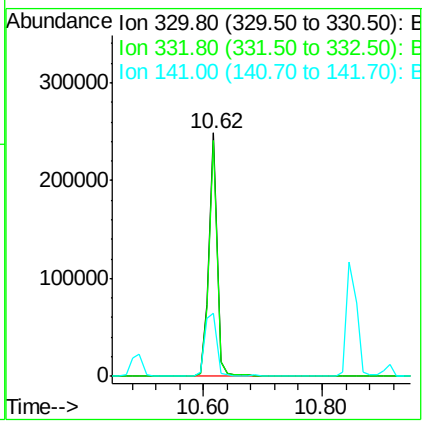


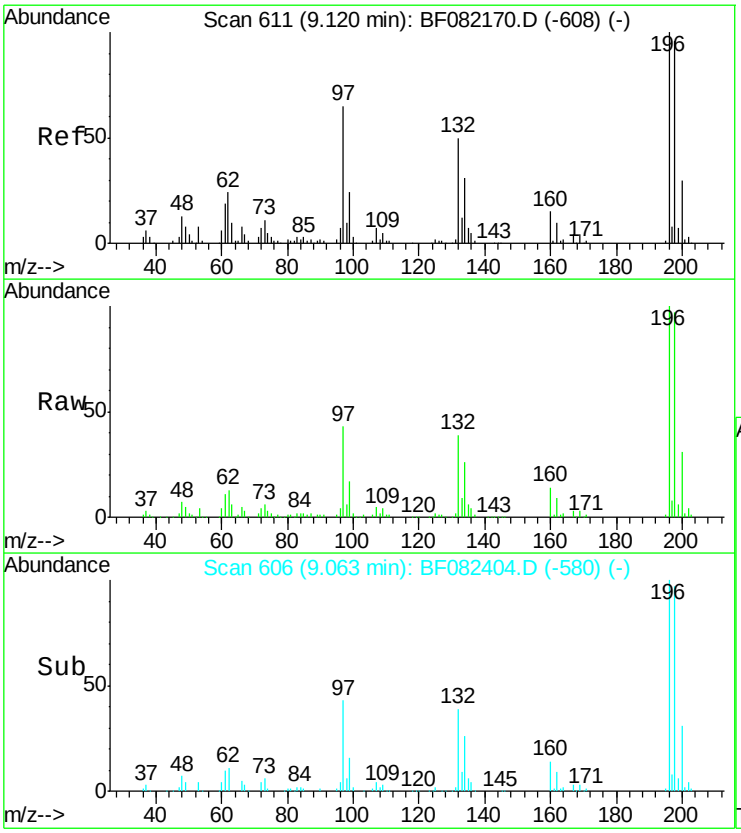

#41
2,4,6-Tribromophenol
Concen: 121.26 ng
RT: 10.62 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:330 Resp: 243608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 77.1 | 115.7 |
| 141 | 38.1 | 29.8 | 44.8 |

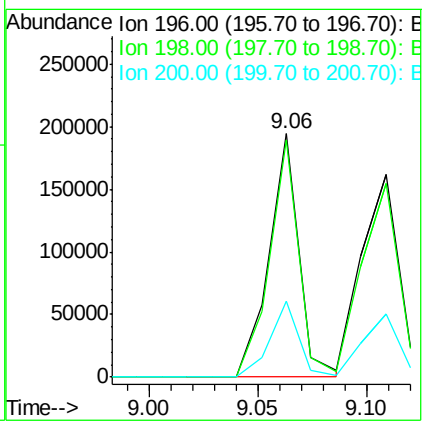


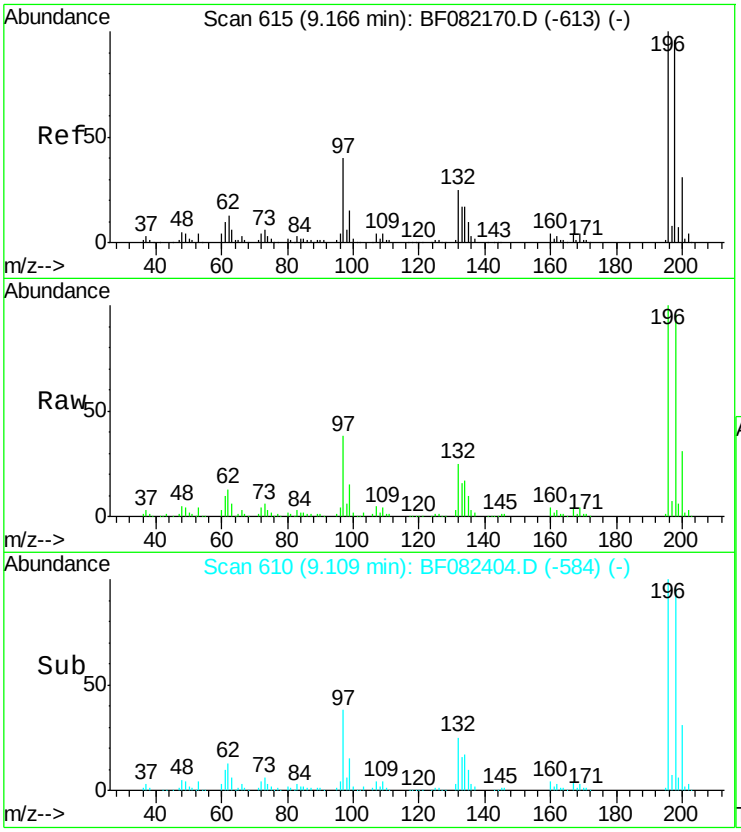




#42
2,4,6-Trichlorophenol
Concen: 44.25 ng
RT: 9.06 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:196 Resp: 187264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.4 | 76.6 | 115.0 |
| 200 | 31.1 | 23.7 | 35.5 |



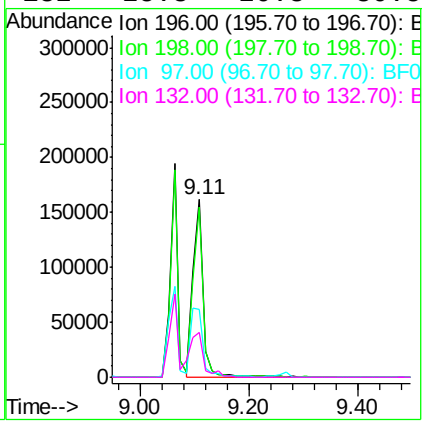


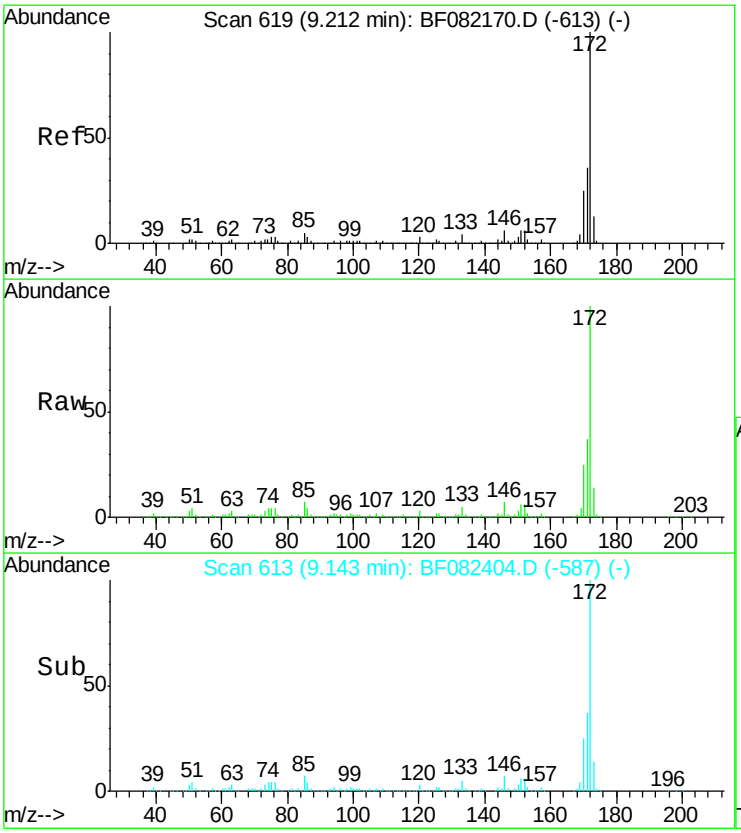

#43
2,4,5-Trichlorophenol
Concen: 45.20 ng
RT: 9.11 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:196 Resp: 207201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.8 | 77.0 | 115.4 |
| 97 | 38.0 | 31.9 | 47.9 |
| 132 | 25.3 | 20.3 | 30.5 |

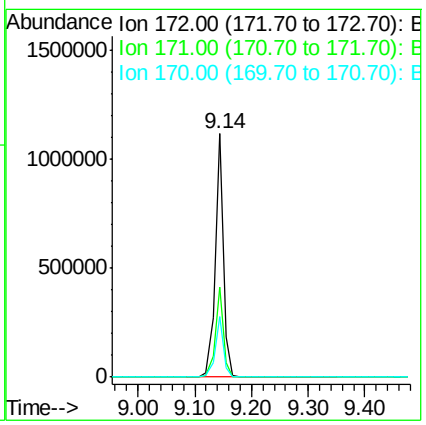


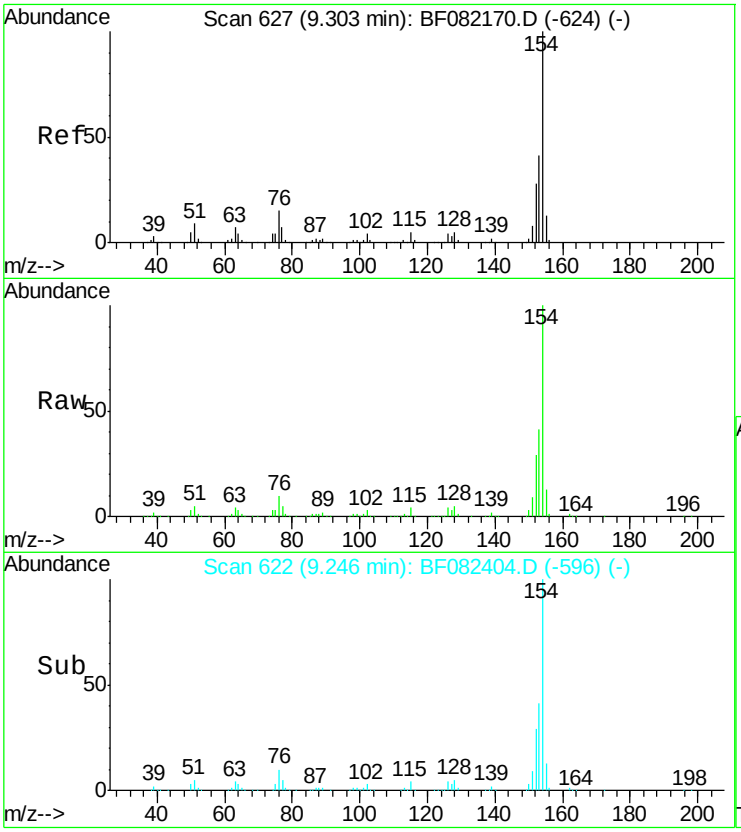




#44
2-Fluorobiphenyl
Concen: 86.43 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:172 Resp: 1116407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.0 | 28.6 | 42.8 |
| 170 | 25.0 | 19.7 | 29.5 |



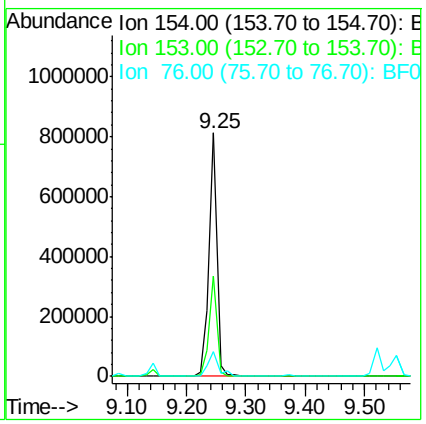


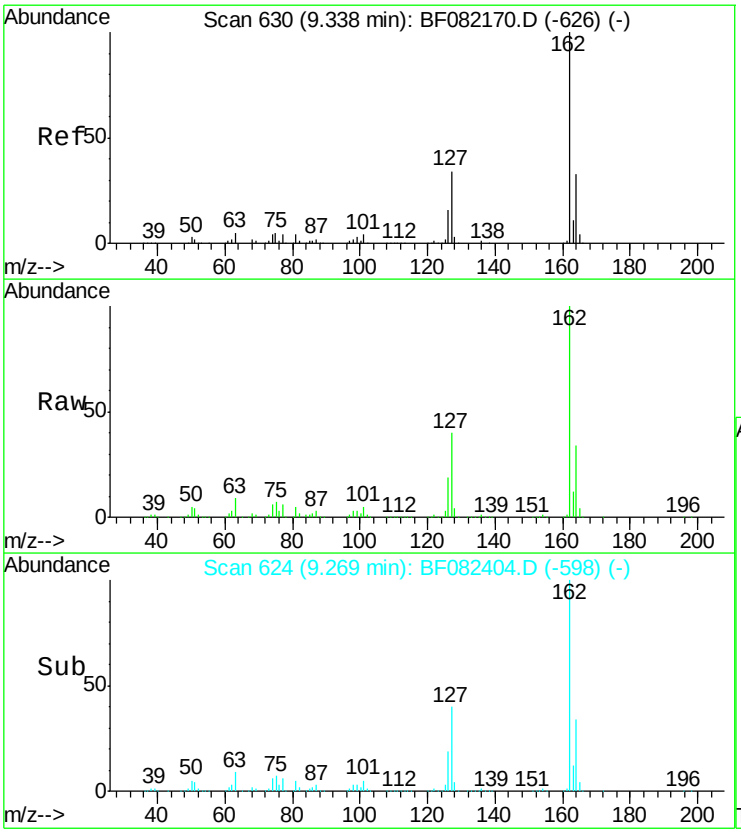

#45
1,1'-Biphenyl
Concen: 46.50 ng
RT: 9.25 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:154 Resp: 759616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.3 | 20.6 | 60.6 |
| 76 | 10.2 | 0.0 | 35.2 |

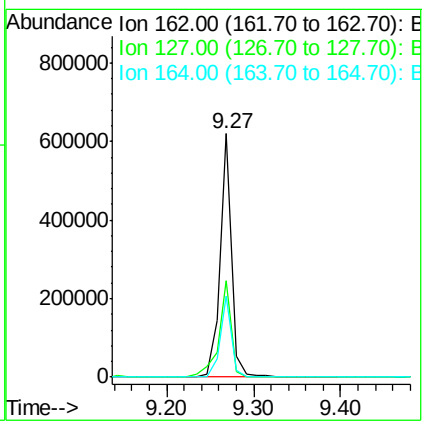


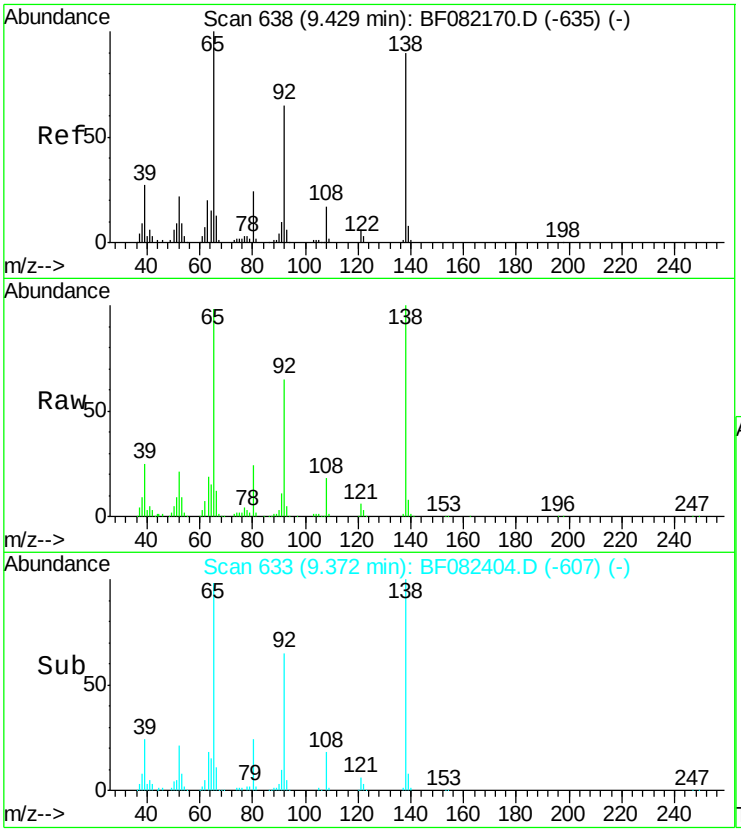




#46
2-Chloronaphthalene
Concen: 45.26 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:162 Resp: 581966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.9 | 27.5 | 41.3 |
| 164 | 33.5 | 26.6 | 39.8 |



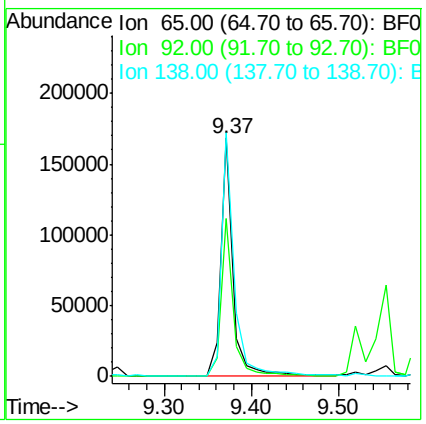


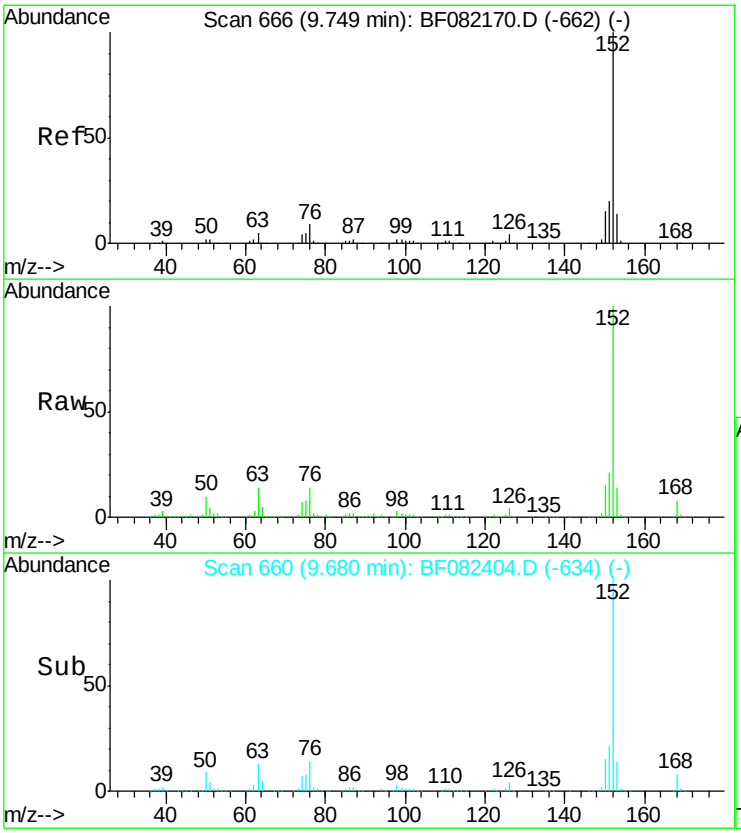

#47
2-Nitroaniline
Concen: 47.88 ng
RT: 9.37 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion: 65 Resp: 169039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.5 | 52.3 | 78.5 |
| 138 | 102.2 | 72.2 | 108.4 |

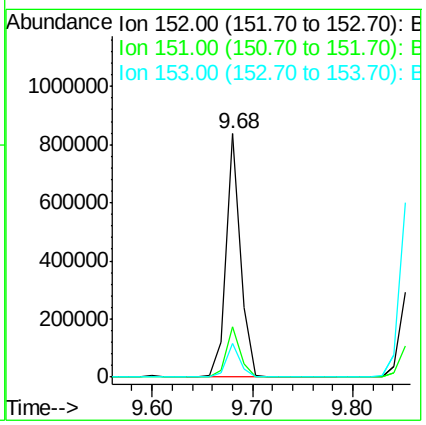


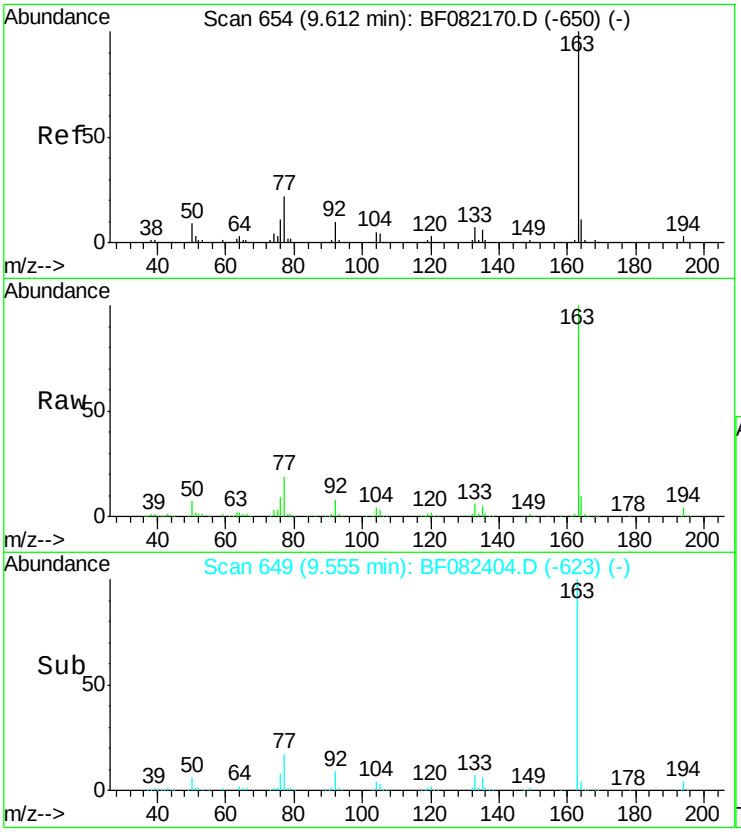




#48
Acenaphthylene
Concen: 41.72 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:152 Resp: 835820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.7 | 16.4 | 24.6 |
| 153 | 13.8 | 10.8 | 16.2 |



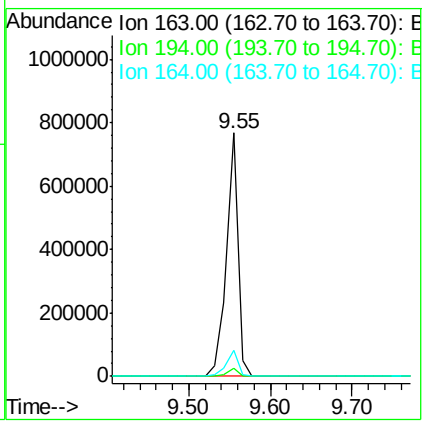


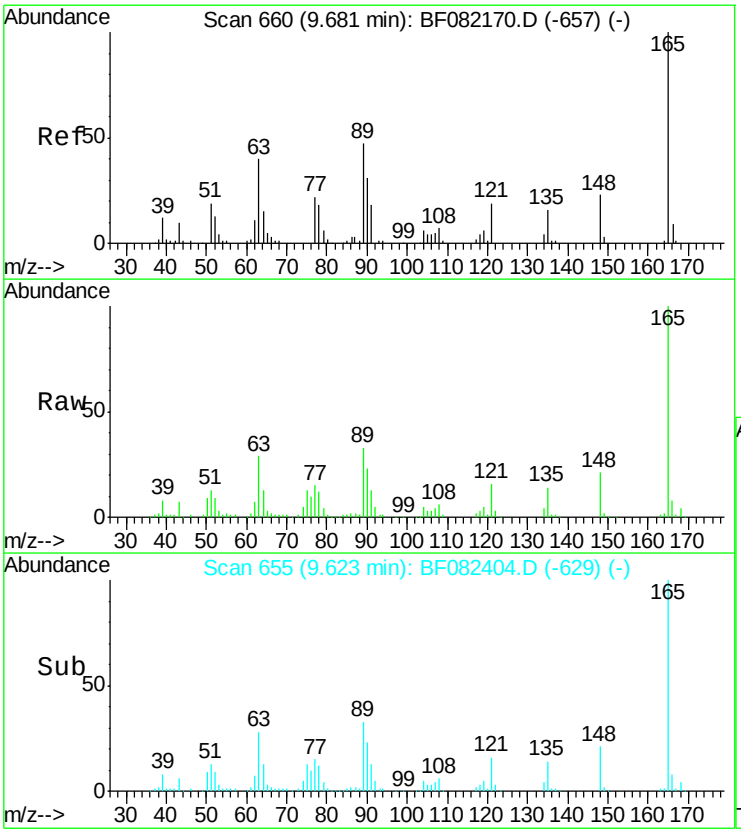

#49
Dimethylphthalate
Concen: 49.62 ng
RT: 9.55 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:163 Resp: 748428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 2.6 | 4.0 |
| 164 | 10.4 | 8.5 | 12.7 |

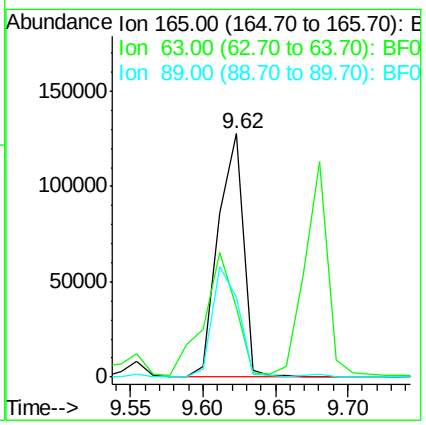


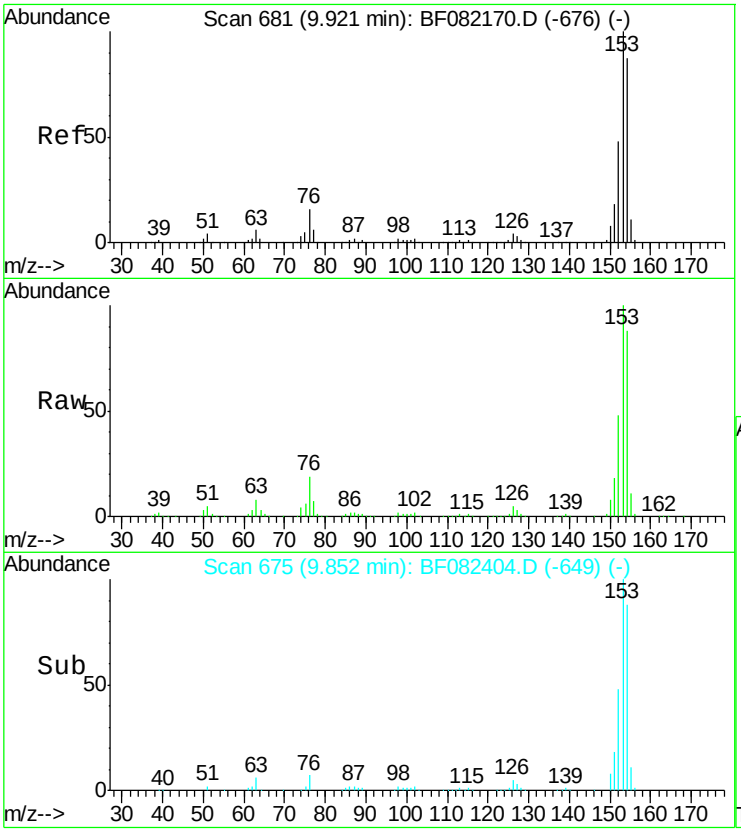




#50
2,6-Dinitrotoluene
Concen: 48.60 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:165 Resp: 154701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 28.8 | 36.7 | 55.1# |
| 89 | 32.9 | 37.8 | 56.6# |



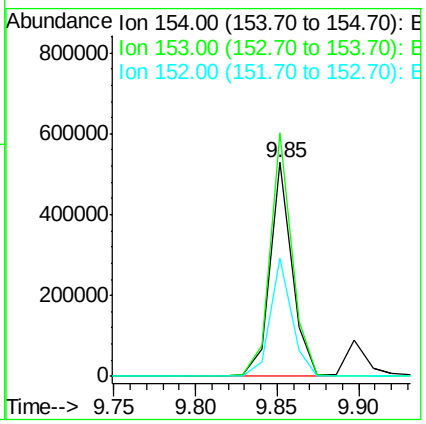


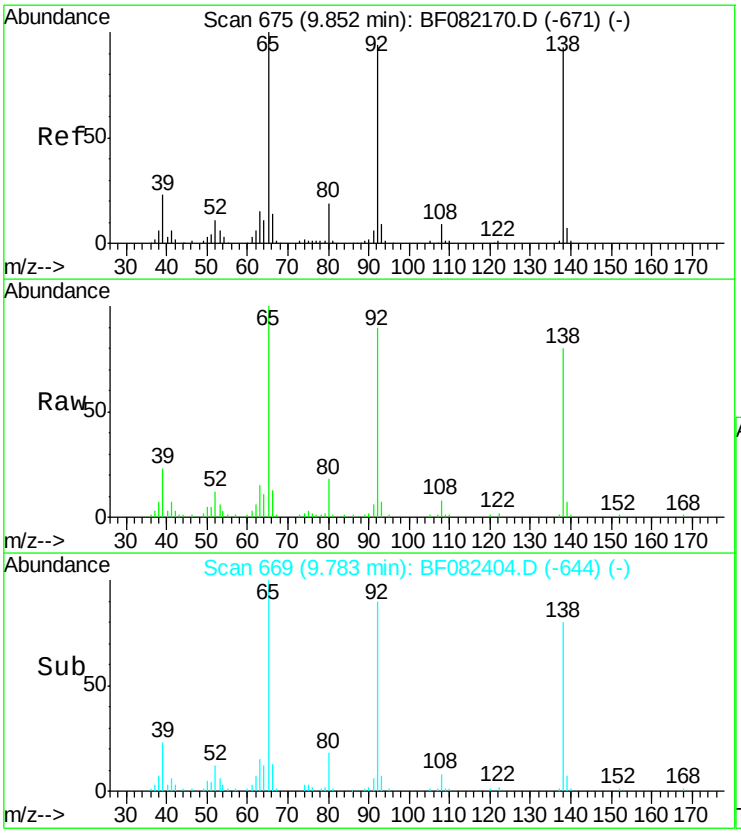

#51
Acenaphthene
Concen: 41.58 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:154 Resp: 500014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.0 | 91.4 | 137.2 |
| 152 | 55.0 | 44.3 | 66.5 |

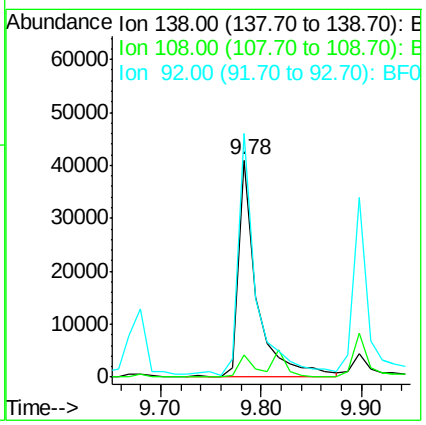


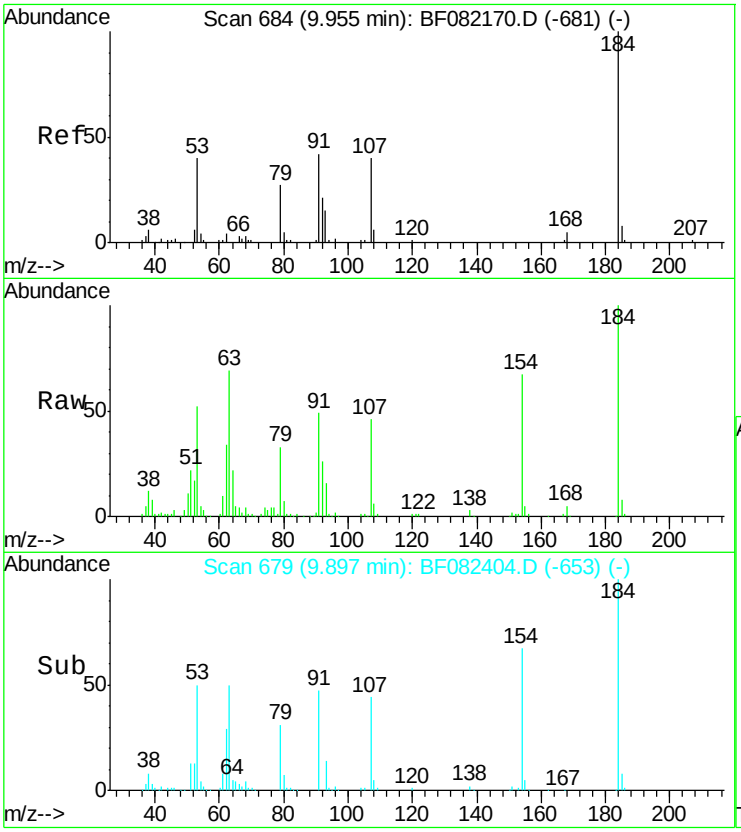




#52
3-Nitroaniline
Concen: 14.54 ng
RT: 9.78 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:138 Resp: 52291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.2 | 7.4 | 11.0 |
| 92 | 112.2 | 81.3 | 121.9 |



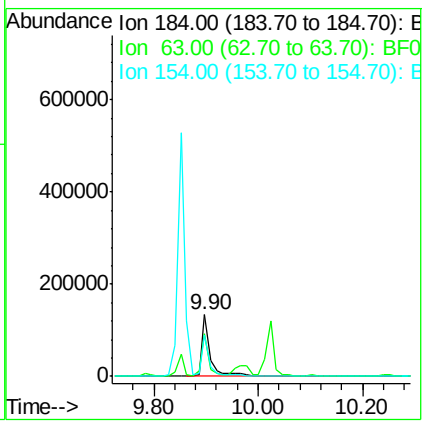


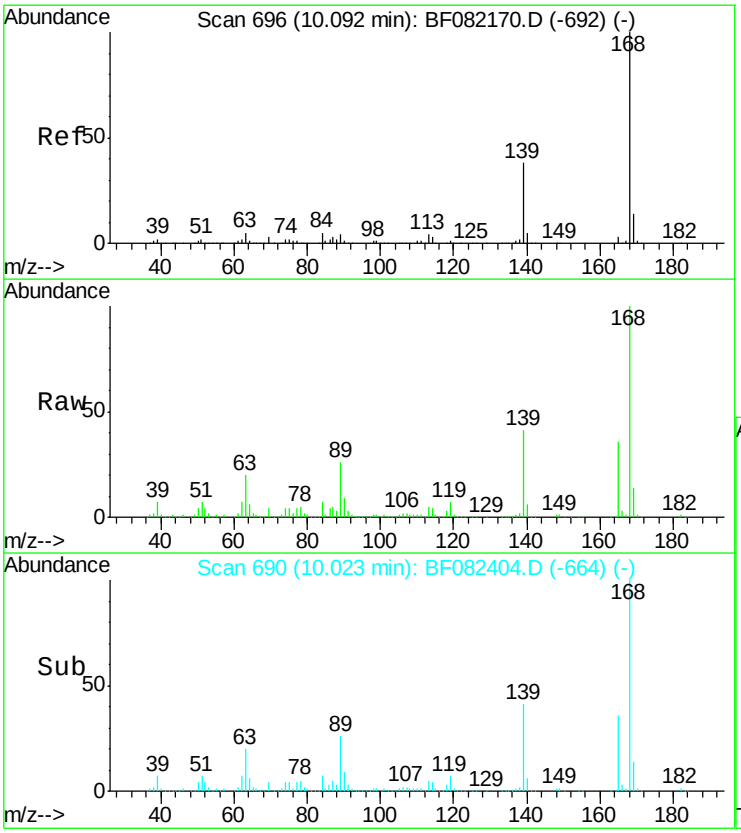

#53
2,4-Dinitrophenol
Concen: 86.69 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:184 Resp: 155211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 68.9 | 45.1 | 67.7# |
| 154 | 67.5 | 51.2 | 76.8 |

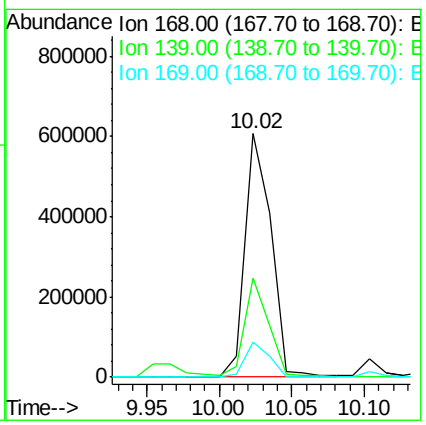


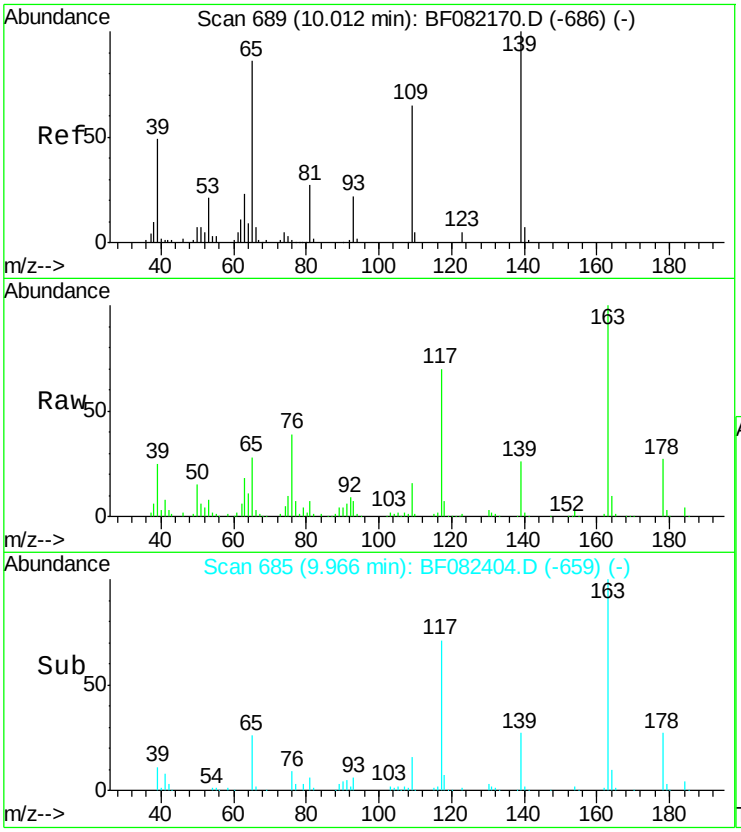




#54
Dibenzofuran
Concen: 45.53 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:168 Resp: 751697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.8 | 31.0 | 46.6 |
| 169 | 14.2 | 10.9 | 16.3 |



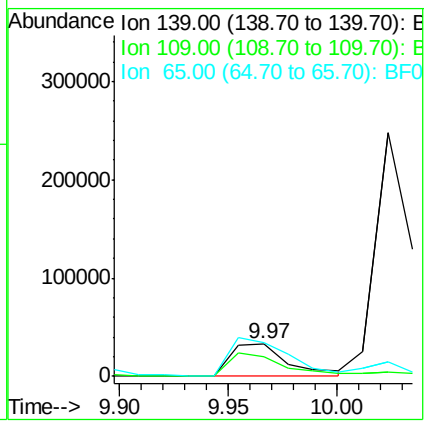


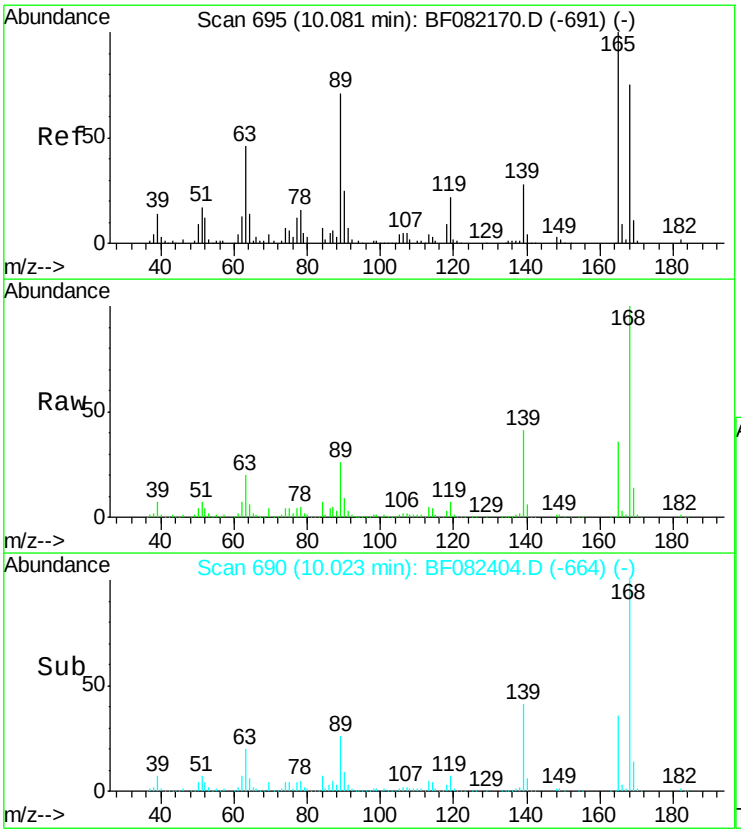

#55
4-Nitrophenol
Concen: 32.09 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:139 Resp: 61215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 61.4 | 44.8 | 84.8 |
| 65 | 105.9 | 67.7 | 107.7 |

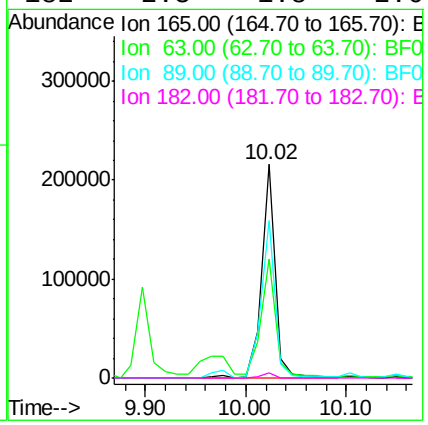


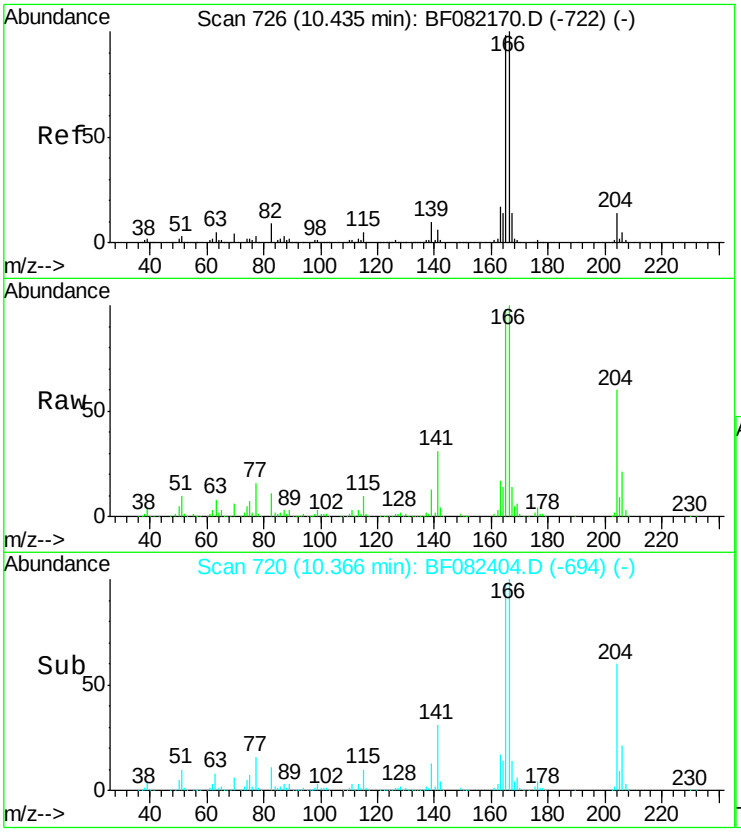




#56
2,4-Dinitrotoluene
Concen: 51.18 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:165 Resp: 203604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 55.8 | 38.6 | 58.0 |
| 89 | 73.7 | 57.0 | 85.6 |
| 182 | 2.3 | 1.8 | 2.6 |



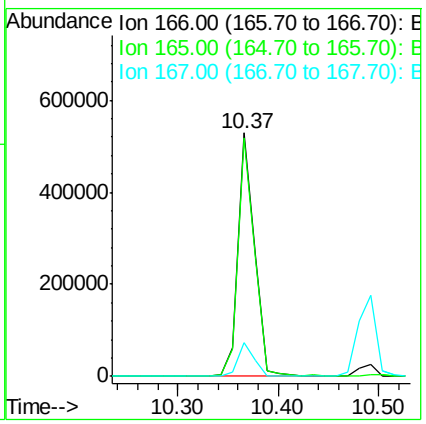


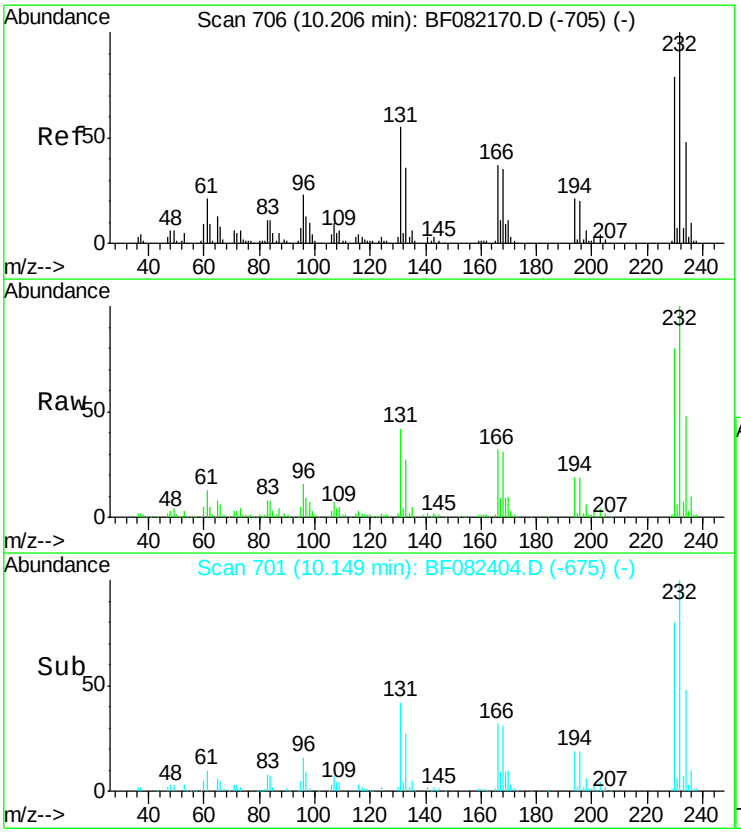

#57
Fluorene
Concen: 44.45 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:166 Resp: 602733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.8 | 78.3 | 117.5 |
| 167 | 13.9 | 10.8 | 16.2 |

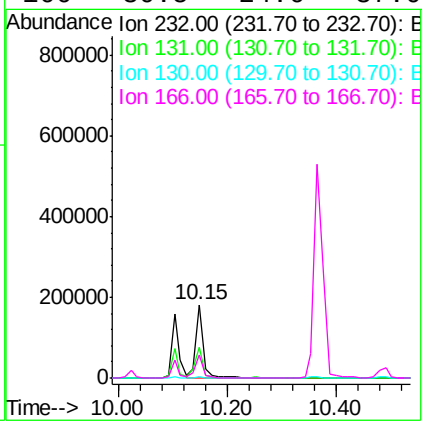


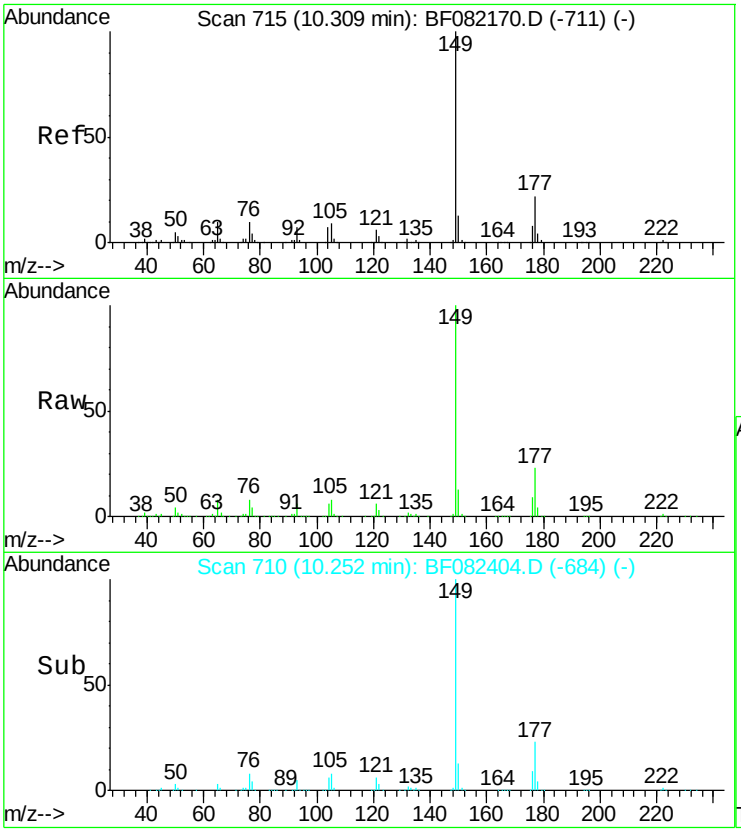




#58
2,3,4,6-Tetrachlorophenol
Concen: 45.72 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:232 Resp: 171260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.1 | 36.6 | 54.8 |
| 130 | 2.1 | 1.5 | 2.3 |
| 166 | 30.5 | 24.6 | 37.0 |



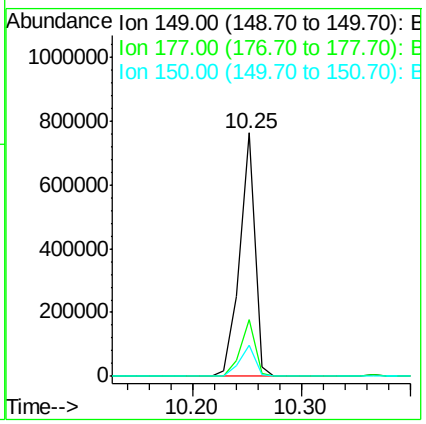


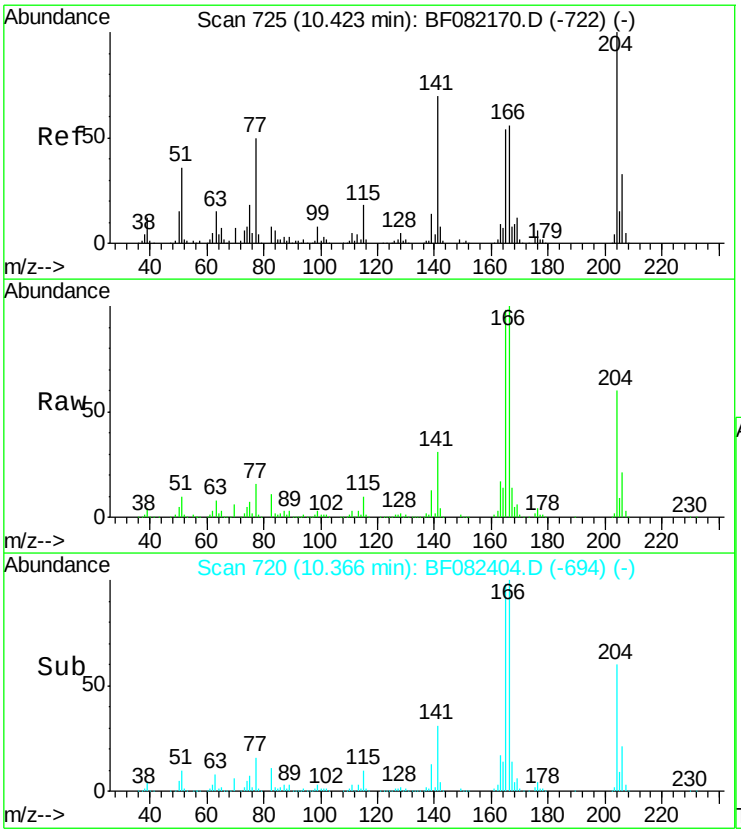

#59
Diethylphthalate
Concen: 52.07 ng
RT: 10.25 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:149 Resp: 732198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.2 | 17.6 | 26.4 |
| 150 | 13.0 | 10.3 | 15.5 |

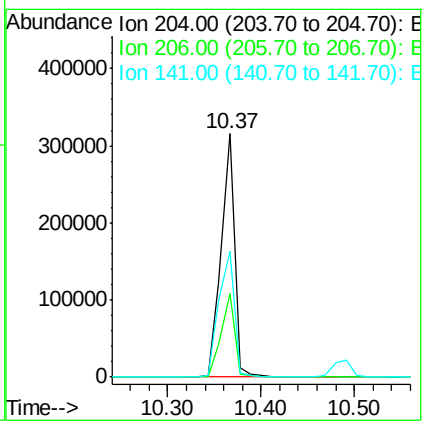


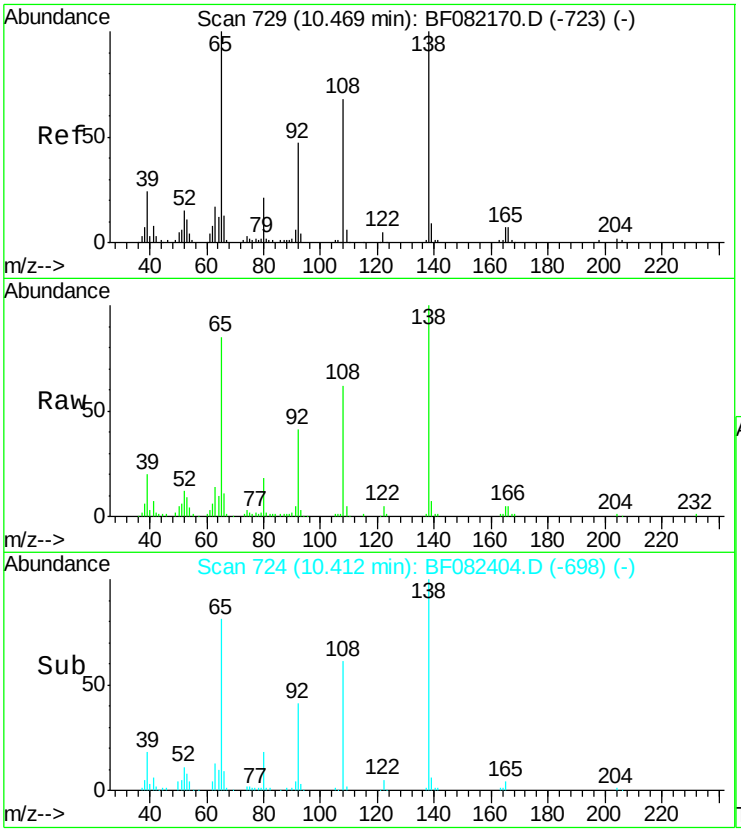




#60
4-Chlorophenyl-phenylether
Concen: 50.85 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:204 Resp: 315876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.5 | 26.8 | 40.2 |
| 141 | 51.5 | 56.1 | 84.1# |

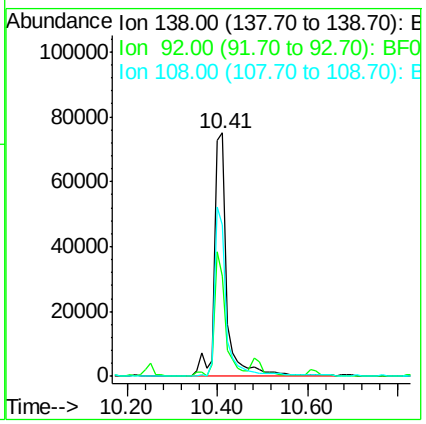




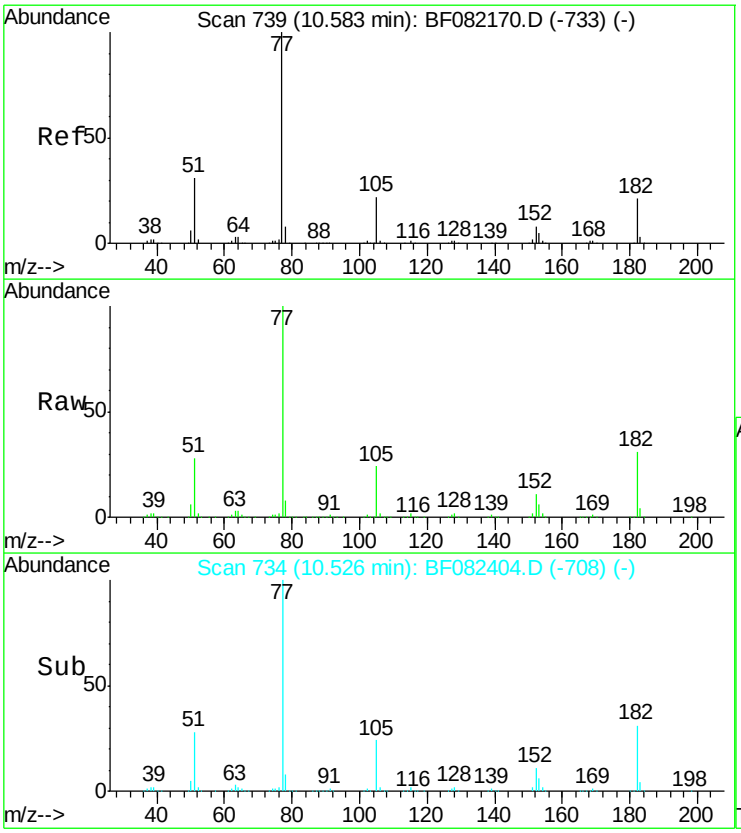

#61
4-Nitroaniline
Concen: 41.73 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:138 Resp: 145509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 41.1 | 26.8 | 66.8 |
| 108 | 62.2 | 48.4 | 88.4 |



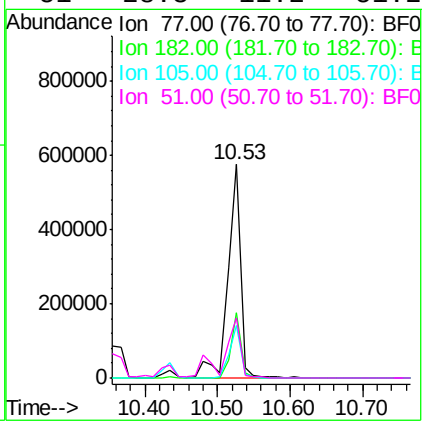

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

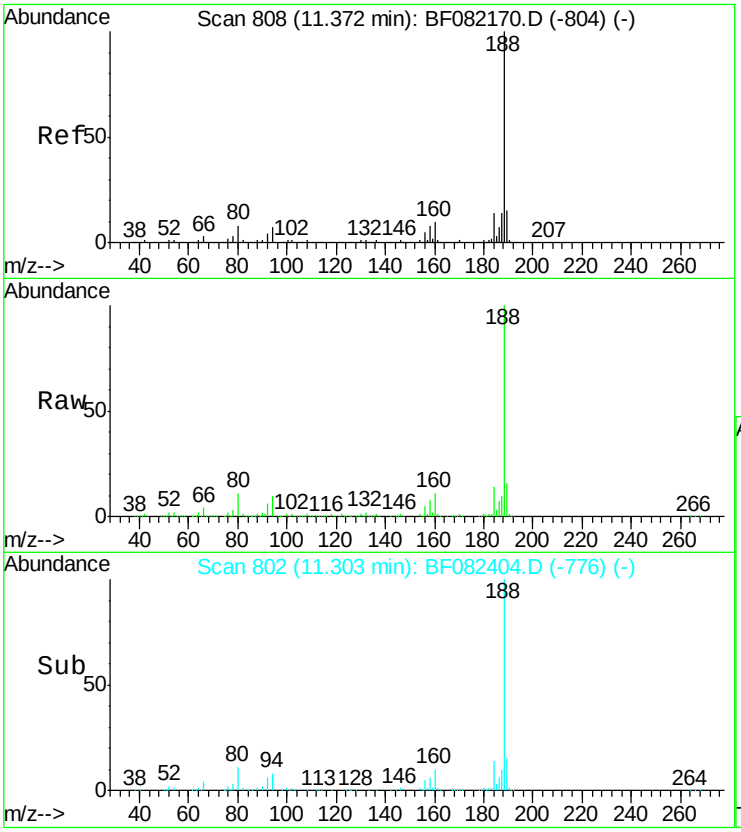



#62
Azobenzene
Concen: 50.33 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion: 77 Resp: 692615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.6 | 0.5 | 40.5 |
| 105 | 24.5 | 1.8 | 41.8 |
| 51 | 28.3 | 11.2 | 51.2 |



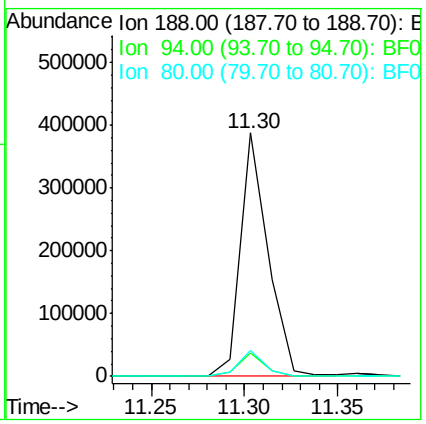


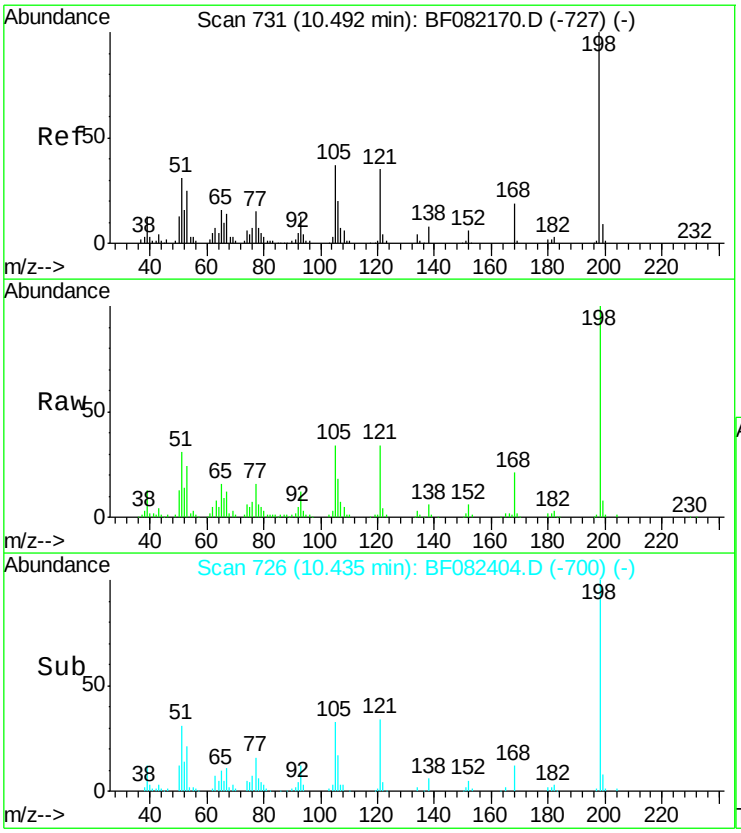

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:188 Resp: 400666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 5.8 | 8.6# |
| 80 | 10.7 | 6.4 | 9.6# |

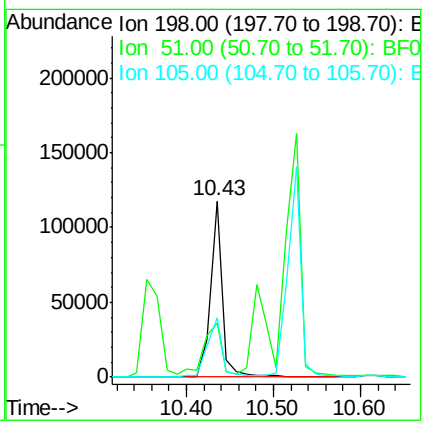


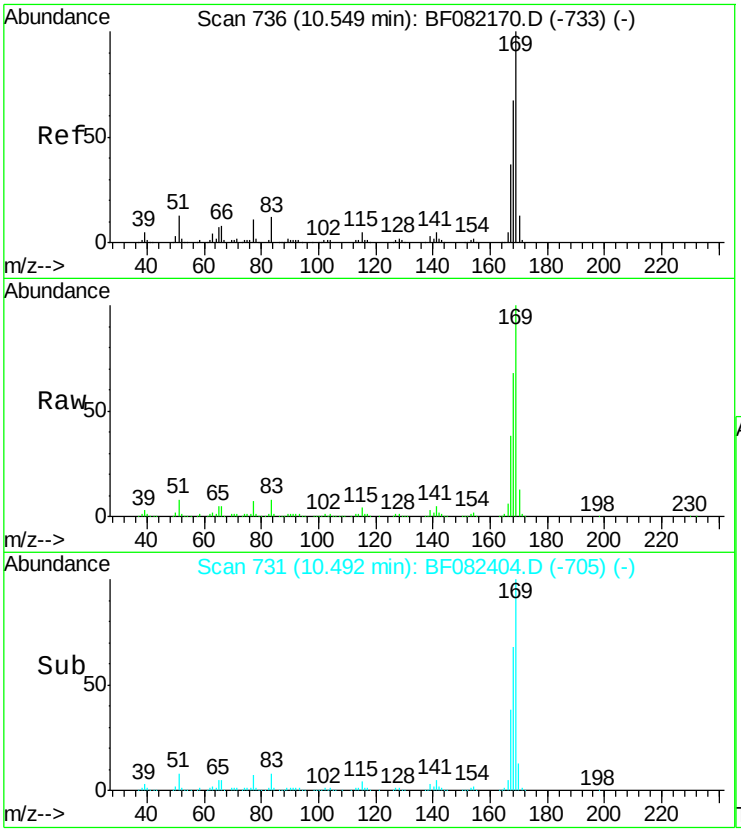




#64
4,6-Dinitro-2-methylphenol
Concen: 50.54 ng
RT: 10.43 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:198 Resp: 113637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 30.7 | 13.6 | 53.6 |
| 105 | 34.0 | 17.1 | 57.1 |



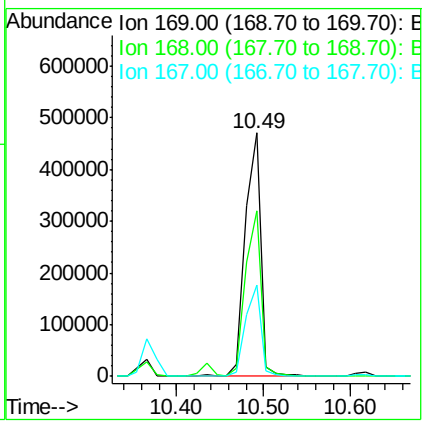


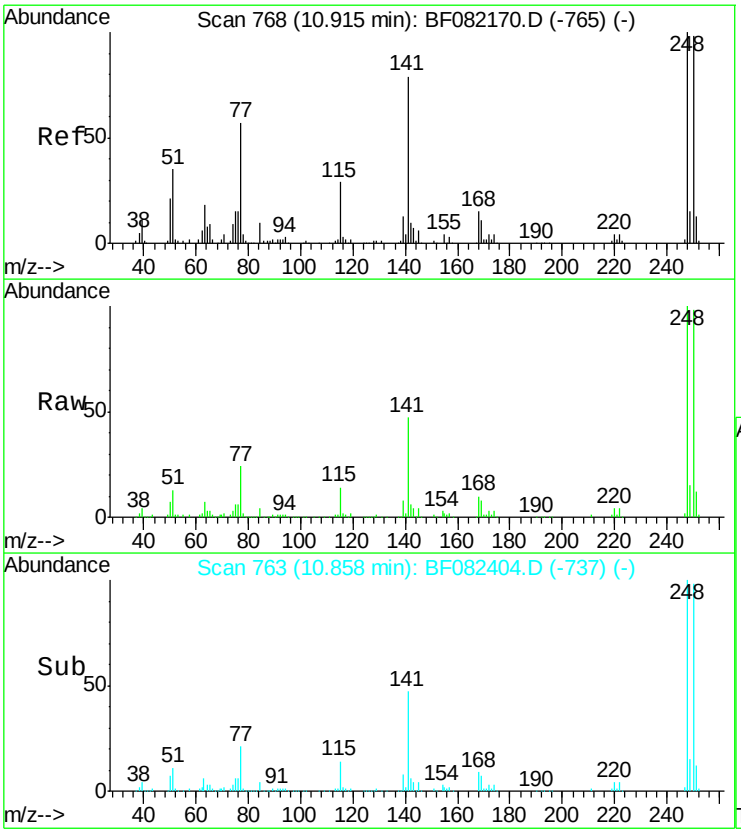

#65
n-Nitrosodiphenylamine
Concen: 49.40 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:169 Resp: 592609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.2 | 54.0 | 81.0 |
| 167 | 37.7 | 29.6 | 44.4 |

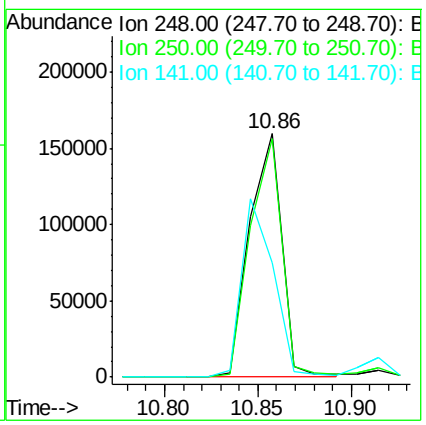


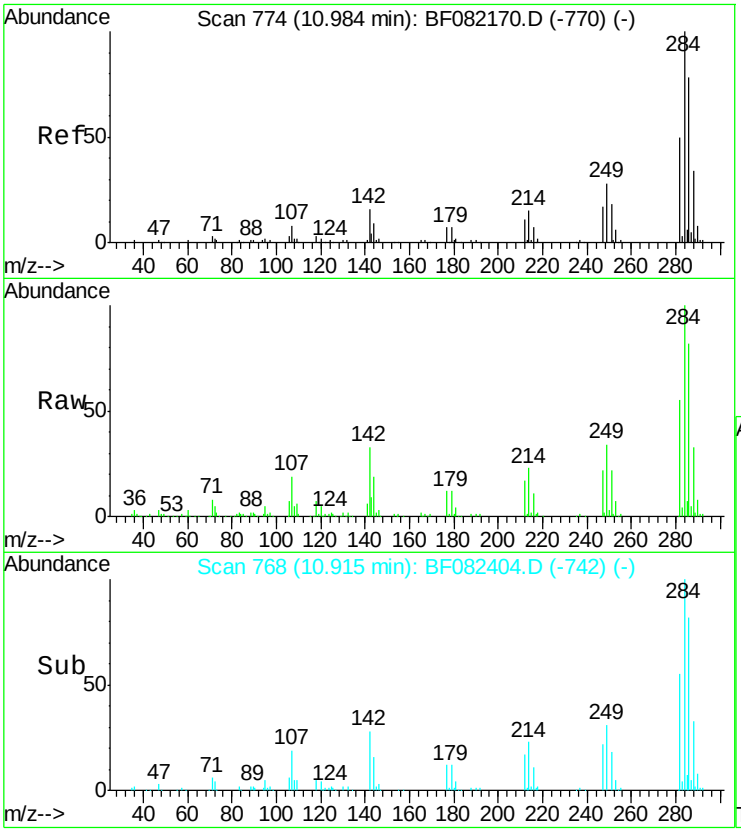




#66
4-Bromophenyl-phenylether
Concen: 47.63 ng
RT: 10.86 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:248 Resp: 190993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.0 | 78.6 | 117.8 |
| 141 | 47.0 | 63.3 | 94.9# |



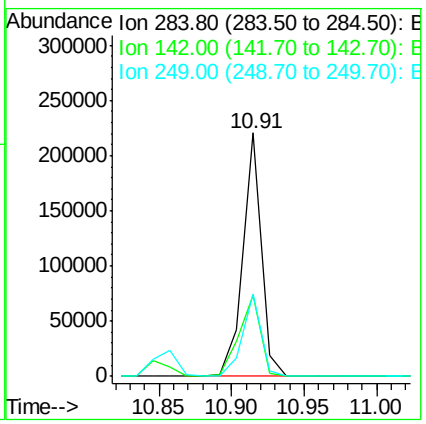


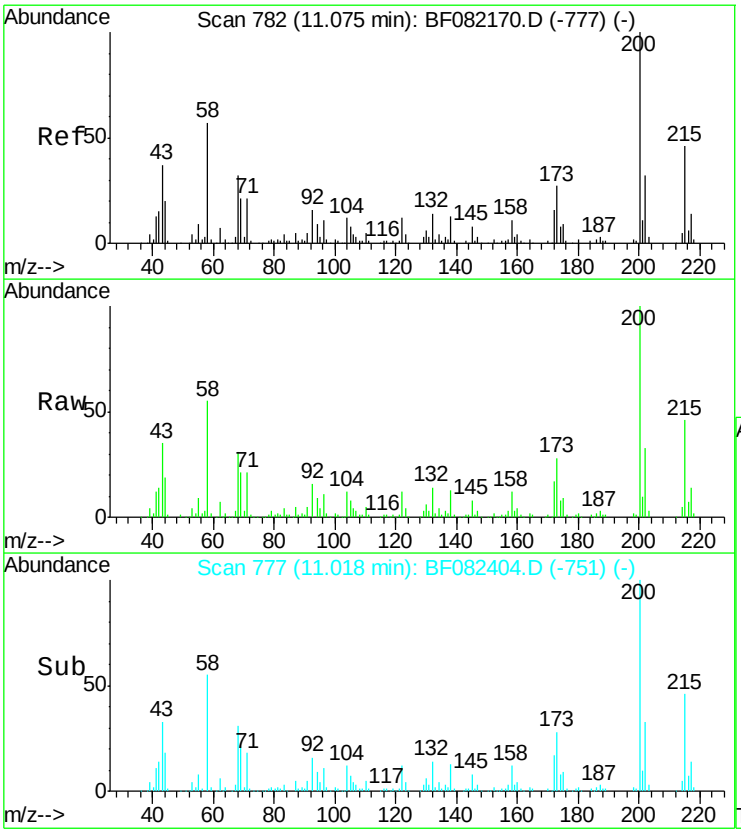

#67
Hexachlorobenzene
Concen: 45.01 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:284 Resp: 195185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.4 | 13.0 | 19.6# |
| 249 | 33.9 | 22.5 | 33.7# |

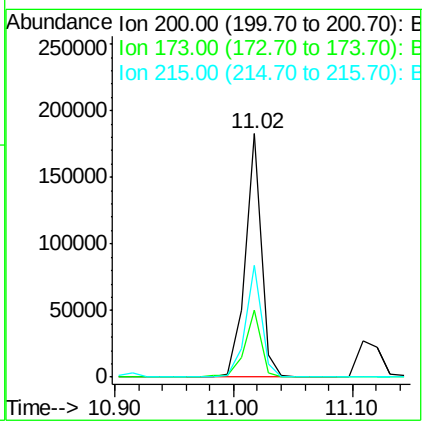


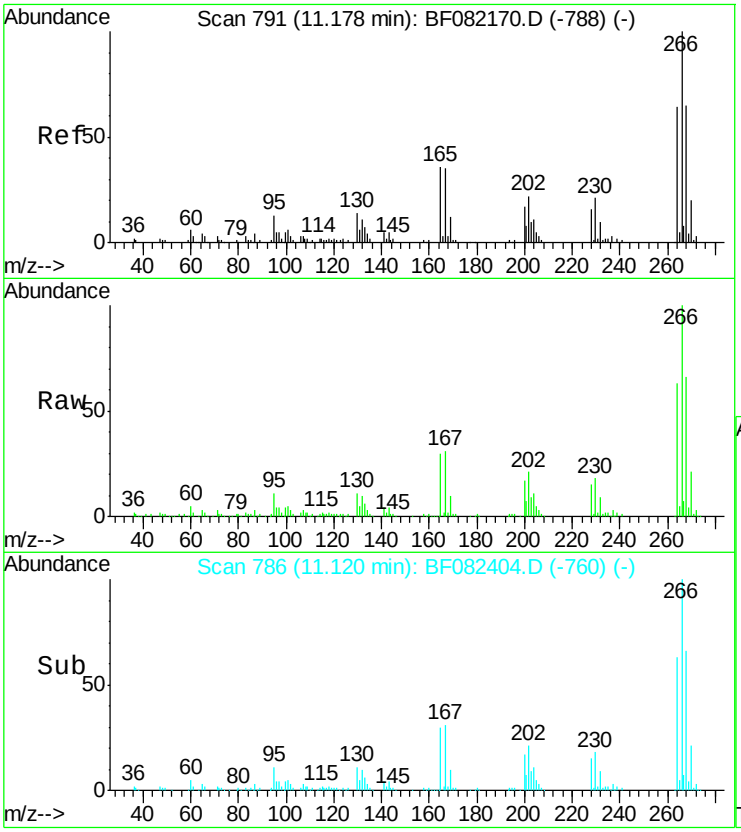




#68
Atrazine
Concen: 46.00 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:200 Resp: 174827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.6 | 7.3 | 47.3 |
| 215 | 45.9 | 26.2 | 66.2 |



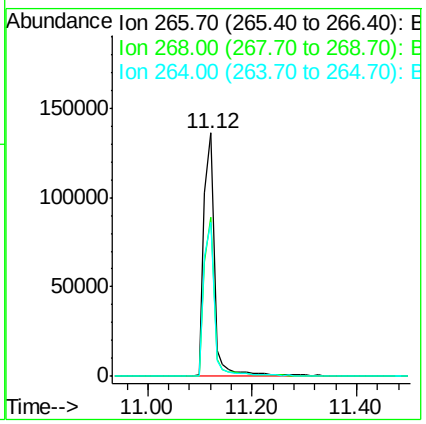


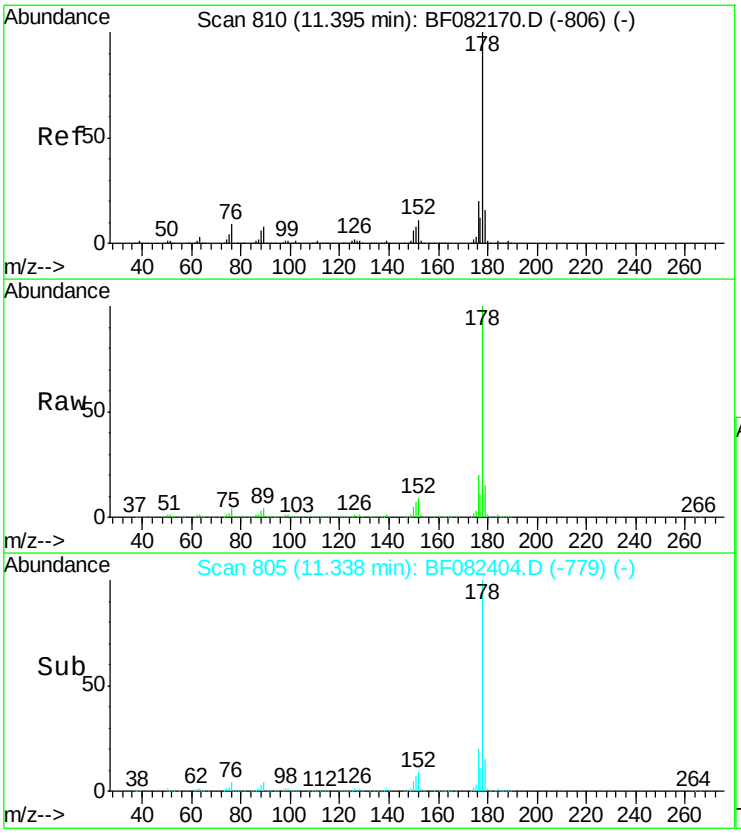

#69
Pentachlorophenol
Concen: 87.76 ng
RT: 11.12 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:266 Resp: 195828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.6 | 52.0 | 78.0 |
| 264 | 63.4 | 51.4 | 77.0 |

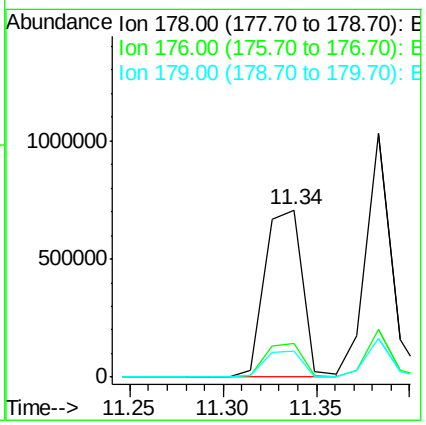


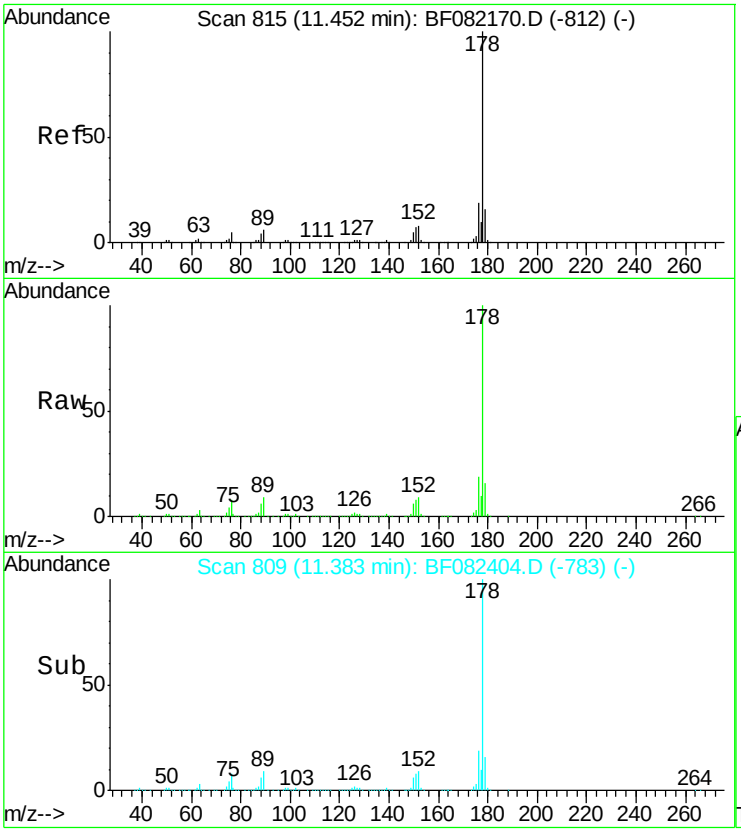




#70
Phenanthrene
Concen: 50.40 ng
RT: 11.34 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:178 Resp: 989802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 16.0 | 24.0 |
| 179 | 15.4 | 12.6 | 19.0 |



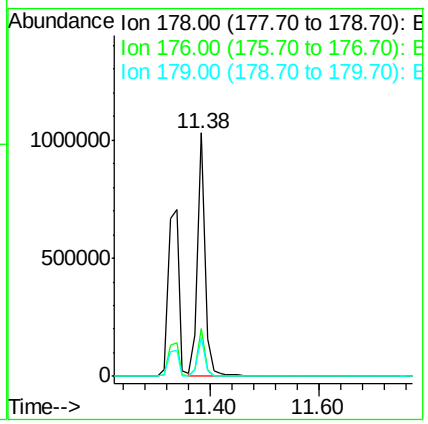


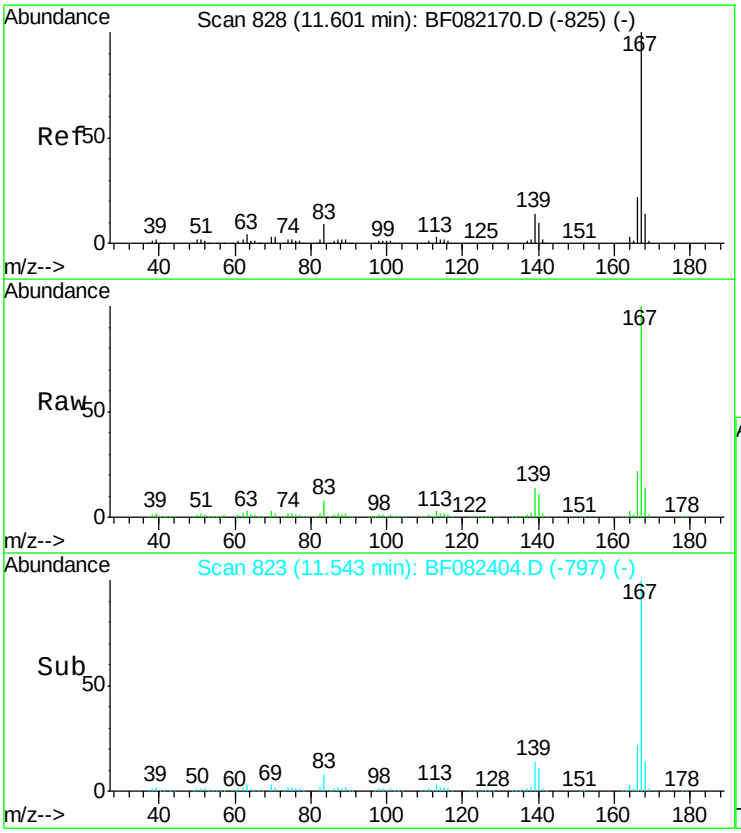

#71
Anthracene
Concen: 48.50 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:178 Resp: 981497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.4 | 23.0 |
| 179 | 16.2 | 12.5 | 18.7 |

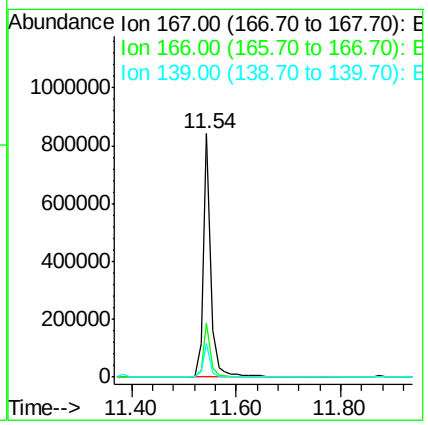


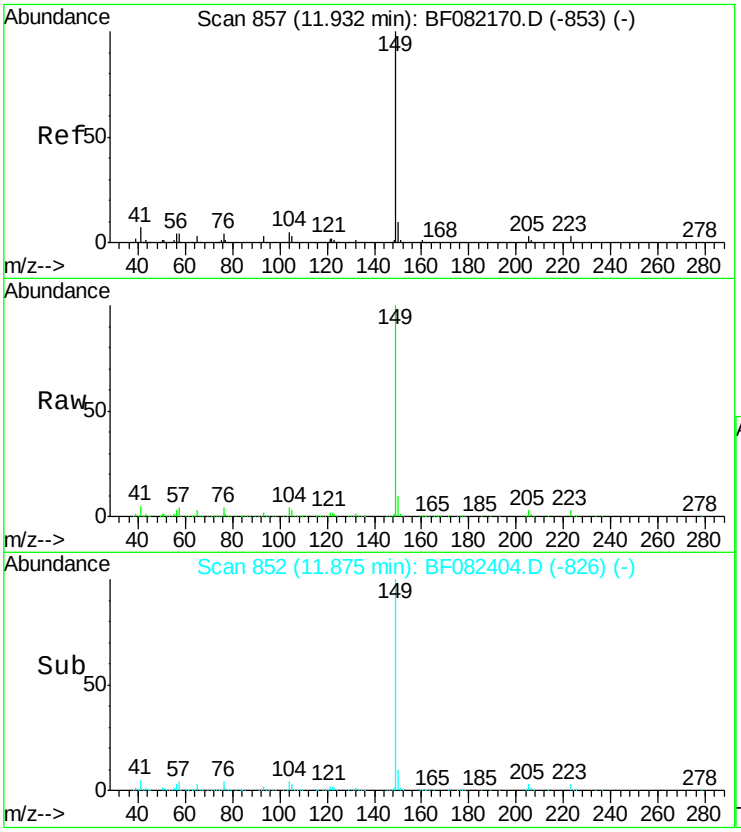




#72
Carbazole
Concen: 45.74 ng
RT: 11.54 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:167 Resp: 844415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 17.3 | 25.9 |
| 139 | 13.7 | 11.2 | 16.8 |



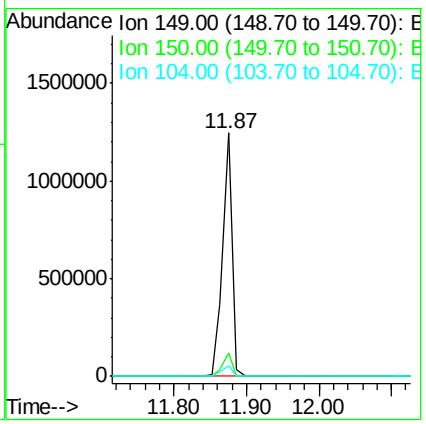


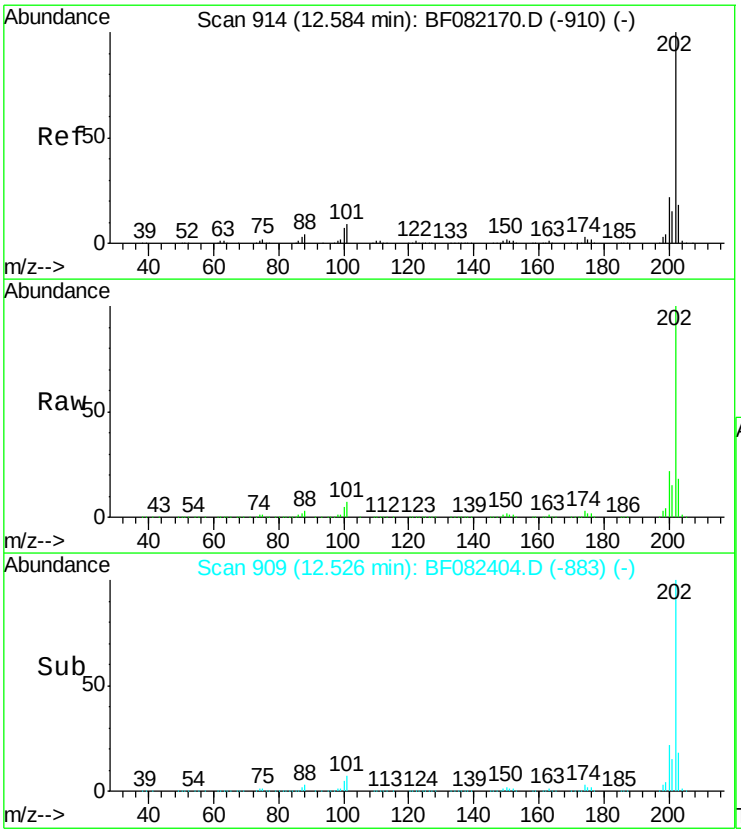

#73
Di-n-butylphthalate
Concen: 50.27 ng
RT: 11.87 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:149 Resp: 1144934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.6 | 7.8 | 11.6 |
| 104 | 4.4 | 3.8 | 5.8 |

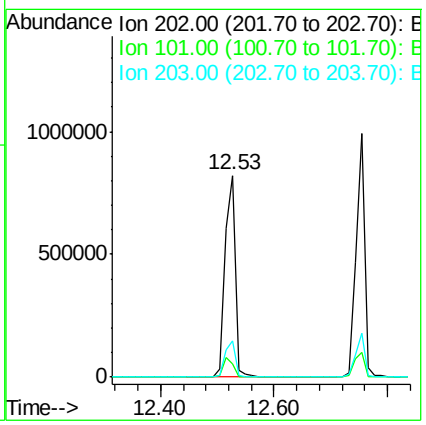


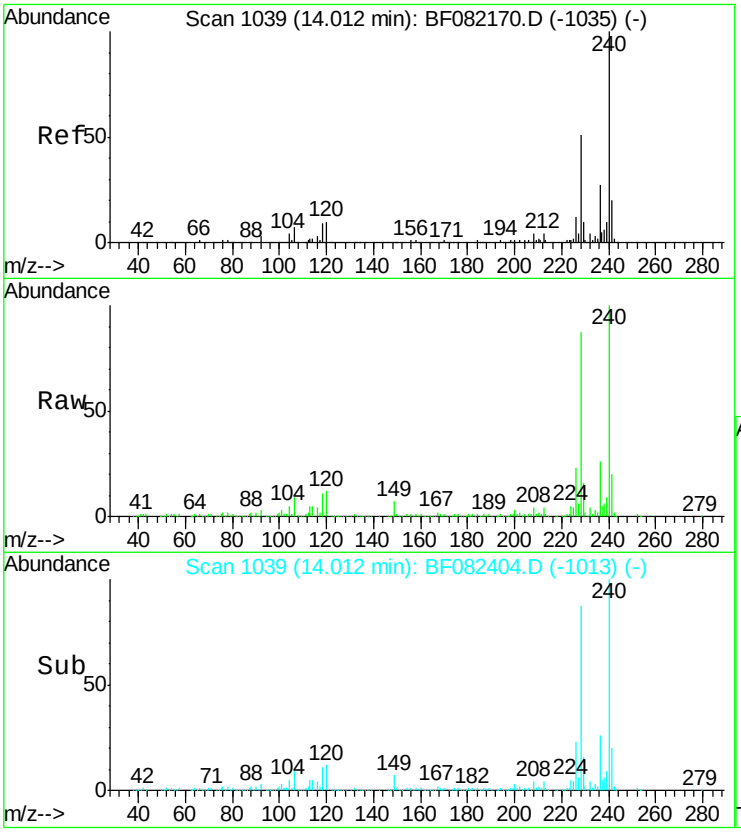




#74
Fluoranthene
Concen: 49.82 ng
RT: 12.53 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:202 Resp: 1050763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.6 | 0.0 | 29.3 |
| 203 | 17.9 | 0.0 | 37.8 |



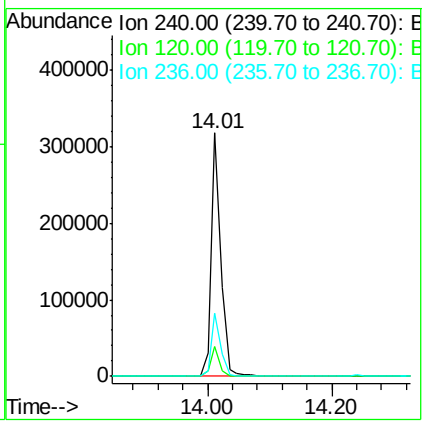


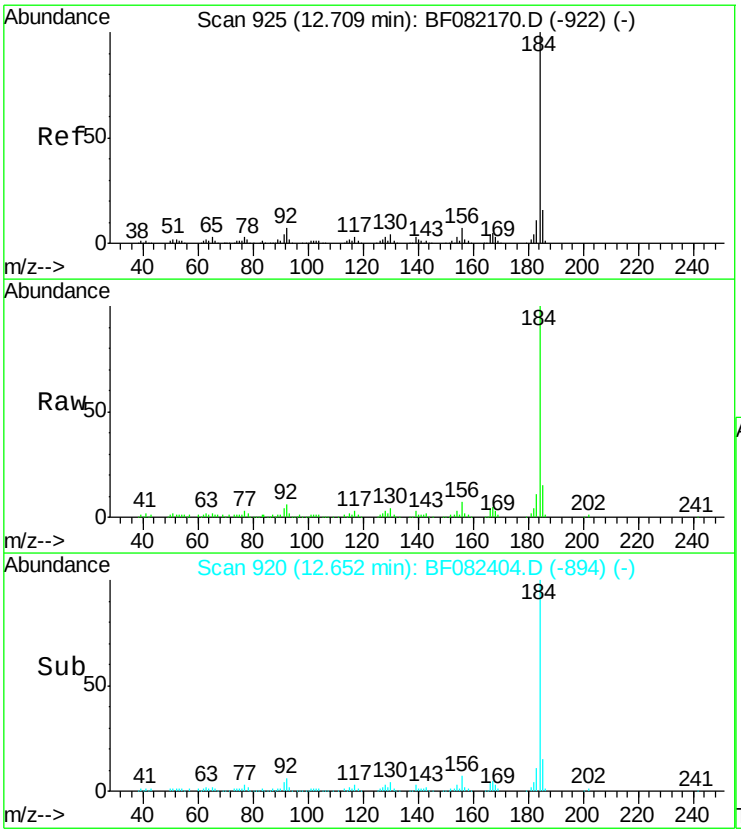

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:240 Resp: 333749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.4 | 8.1 | 12.1# |
| 236 | 25.7 | 21.3 | 31.9 |

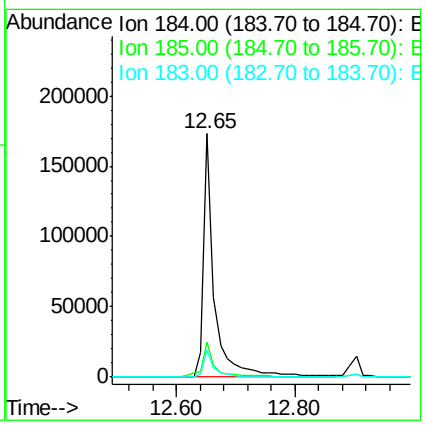


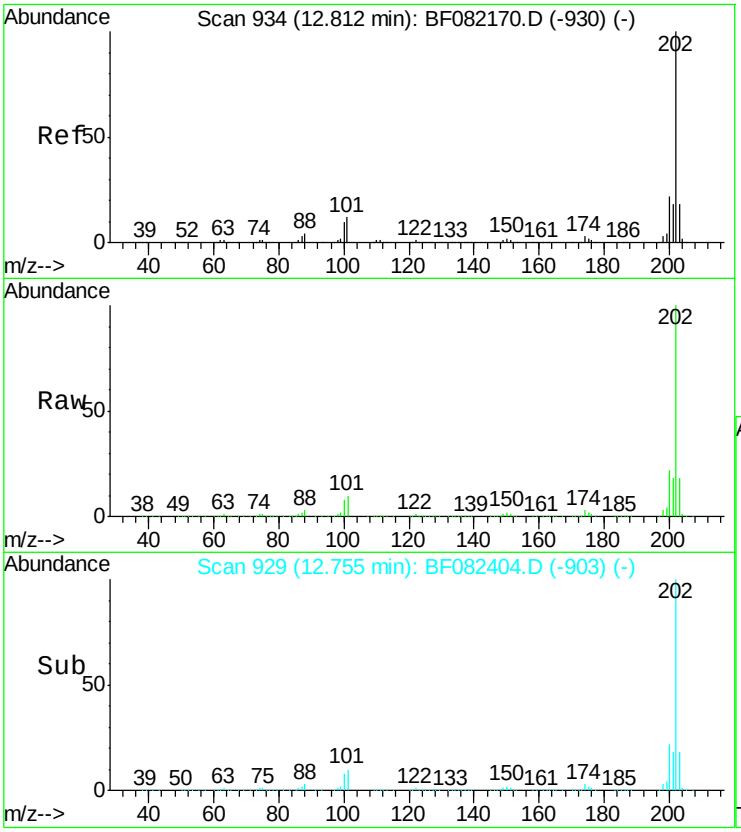




#76
Benzidine
Concen: 23.38 ng
RT: 12.65 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:184 Resp: 226081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 12.5 | 18.7 |
| 183 | 11.1 | 9.1 | 13.7 |



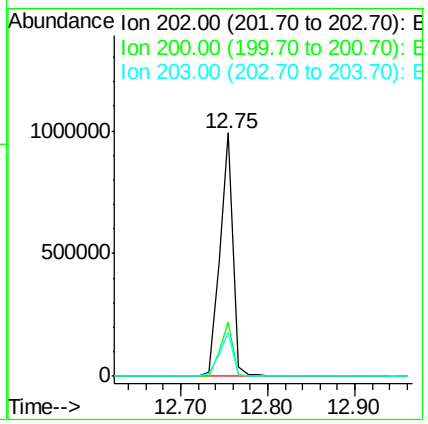


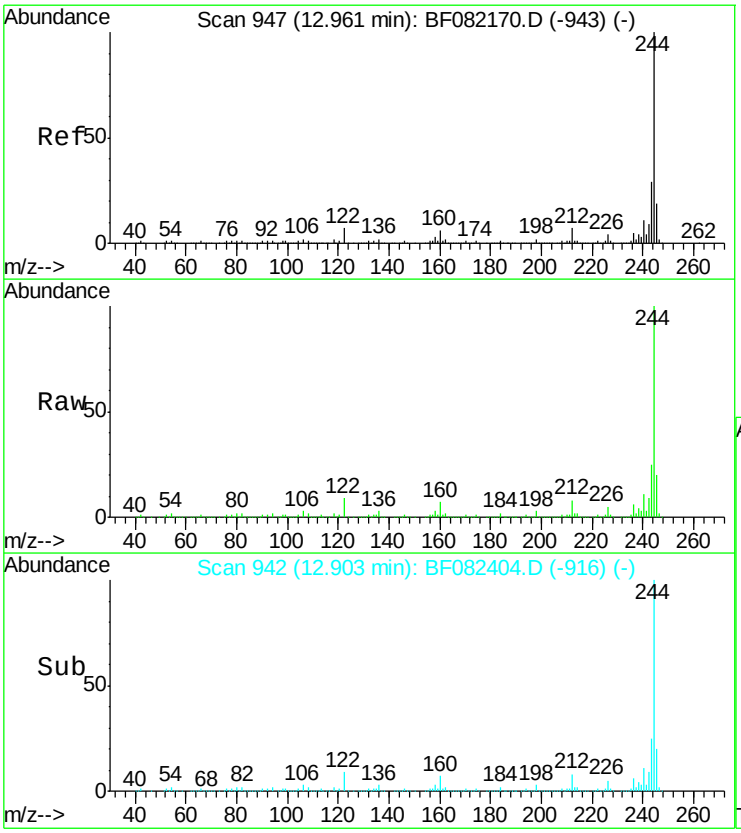

#77
Pyrene
Concen: 53.25 ng
RT: 12.75 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:202 Resp: 1054777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.1 | 17.9 | 26.9 |
| 203 | 18.3 | 14.5 | 21.7 |

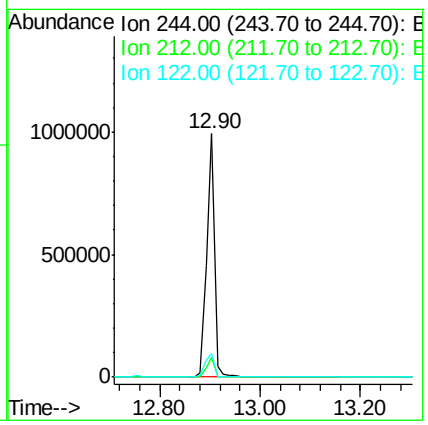


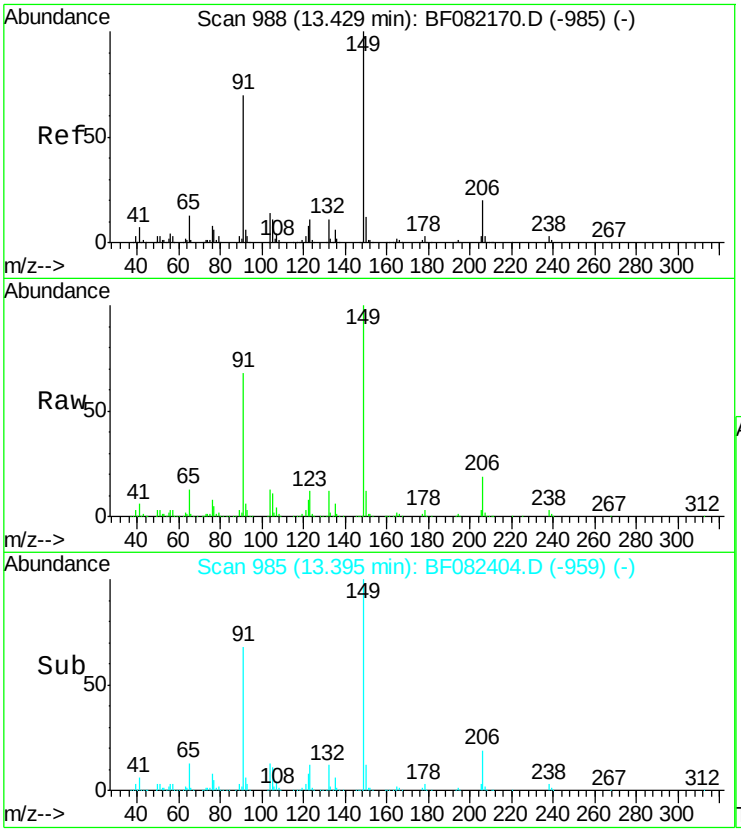




#78
Terphenyl-d14
Concen: 84.54 ng
RT: 12.90 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:244 Resp: 1064718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 5.8 | 8.6 |
| 122 | 9.4 | 5.9 | 8.9# |



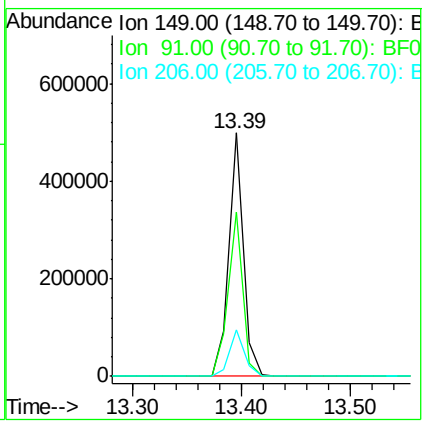


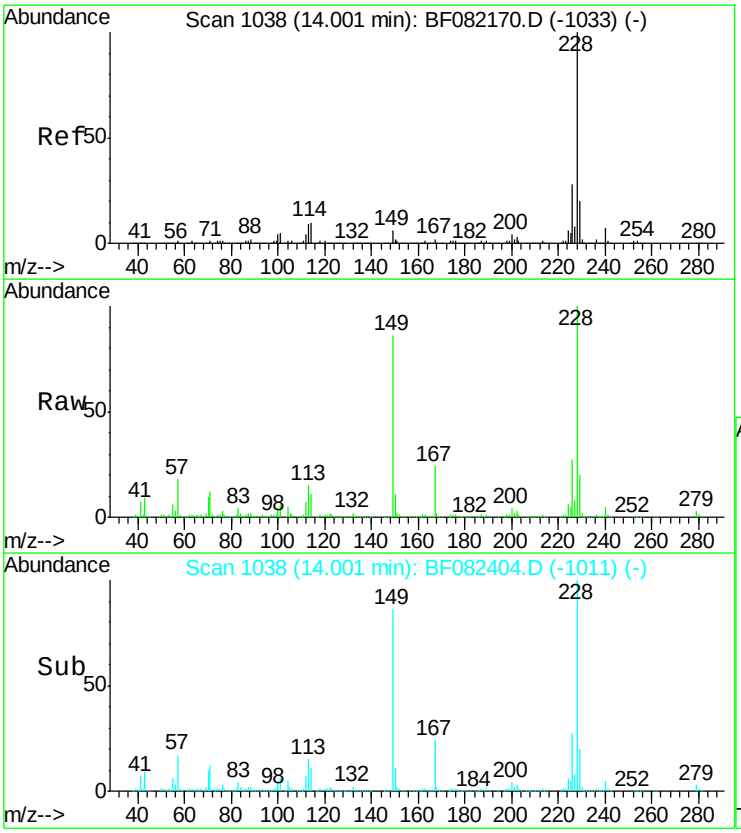

#79
Butylbenzylphthalate
Concen: 50.77 ng
RT: 13.39 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:149 Resp: 458927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.7 | 55.7 | 83.5 |
| 206 | 18.8 | 15.6 | 23.4 |

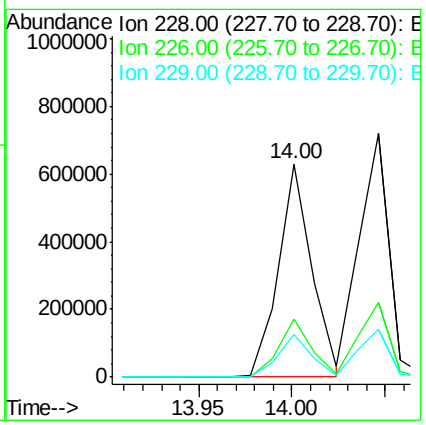


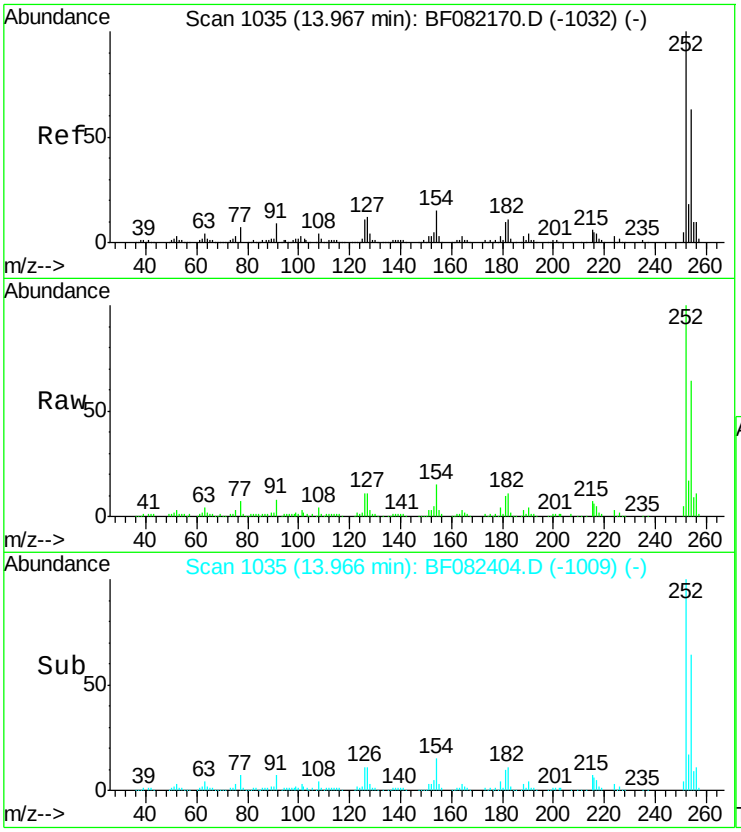




#80
Benzo(a)anthracene
Concen: 45.23 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:228 Resp: 785461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 22.3 | 33.5 |
| 229 | 20.2 | 16.2 | 24.2 |



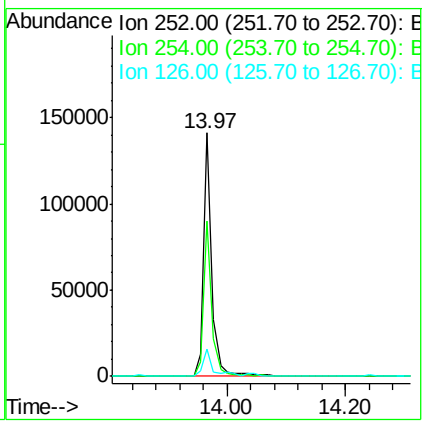


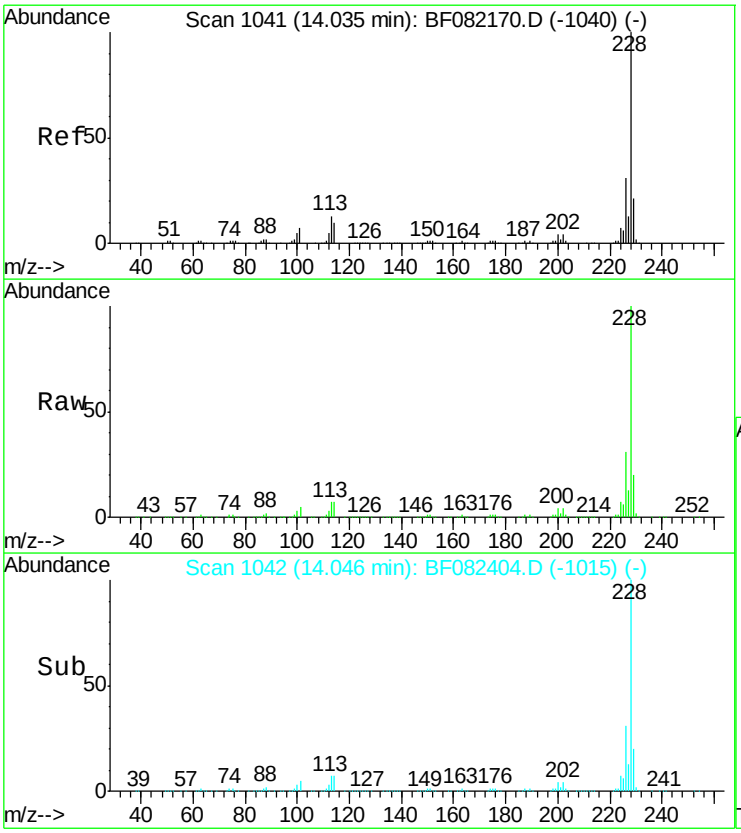

#81
3,3'-Dichlorobenzidine
Concen: 21.56 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:252 Resp: 142087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.6 | 50.7 | 76.1 |
| 126 | 11.4 | 9.0 | 13.6 |

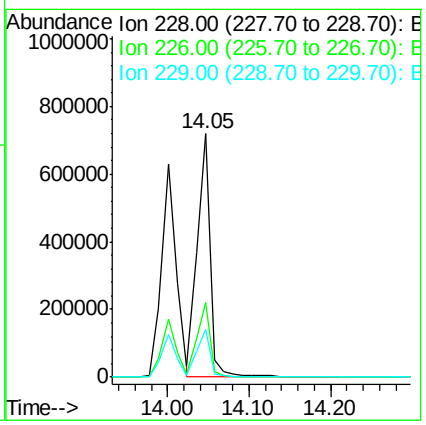


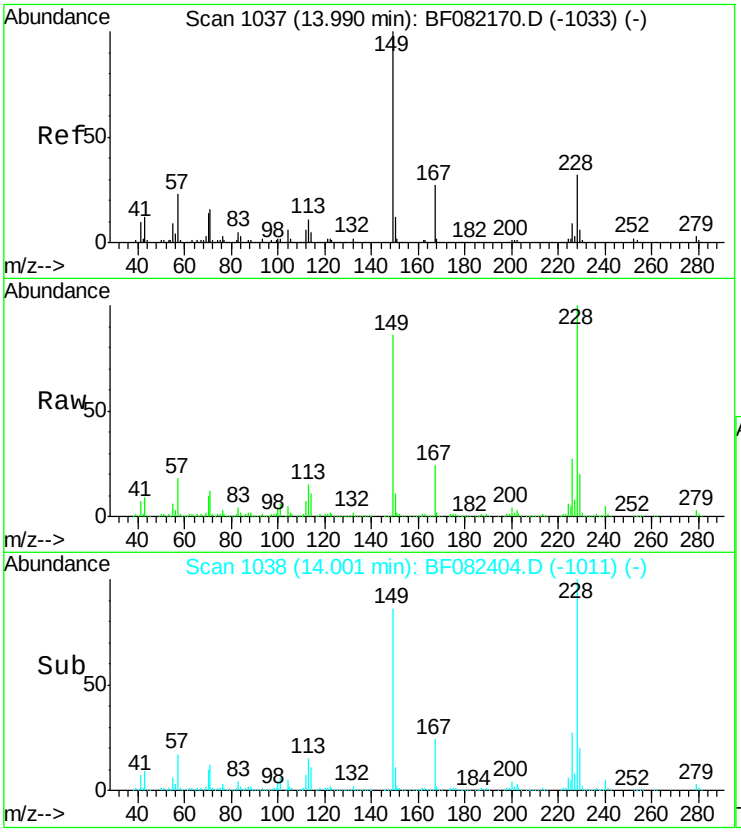




#82
Chrysene
Concen: 44.37 ng
RT: 14.05 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:228 Resp: 811894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.6 | 24.4 | 36.6 |
| 229 | 19.8 | 16.3 | 24.5 |



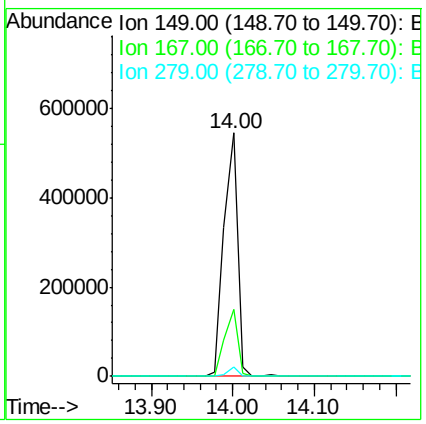


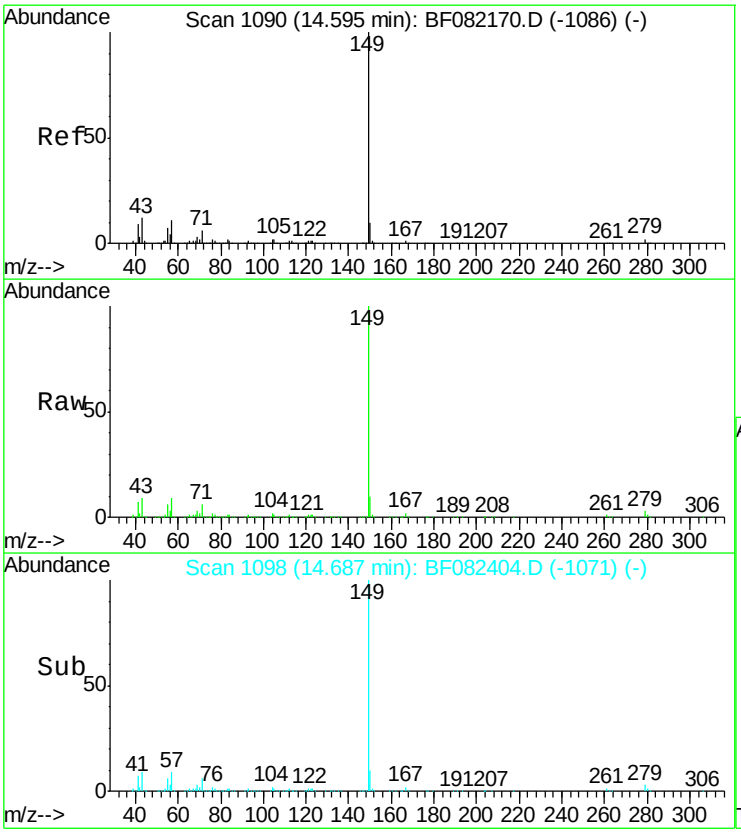

#83
Bis(2-ethylhexyl)phthalate
Concen: 48.72 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:149 Resp: 628306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.3 | 21.3 | 31.9 |
| 279 | 3.9 | 2.6 | 4.0 |

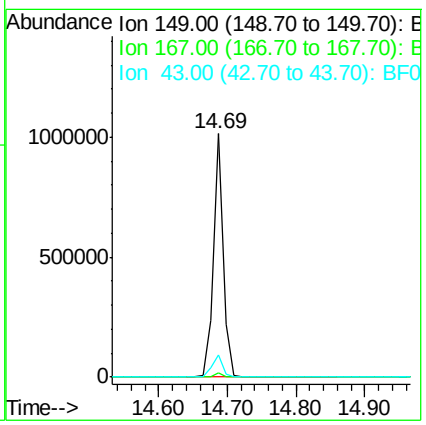


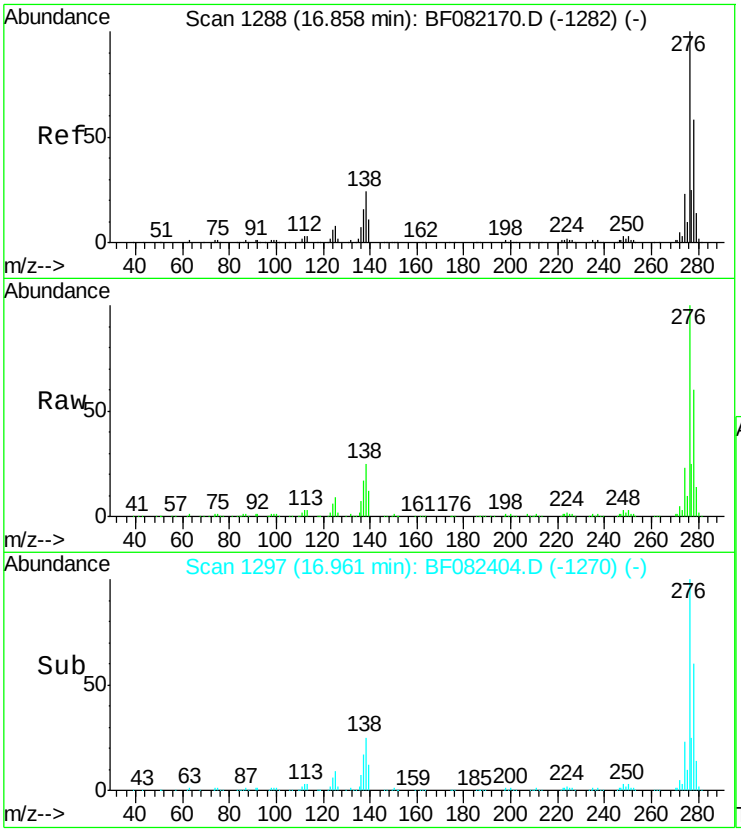




#84
Di-n-octyl phthalate
Concen: 46.32 ng
RT: 14.69 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:149 Resp: 1025912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 9.6 | 7.4 | 11.2 |



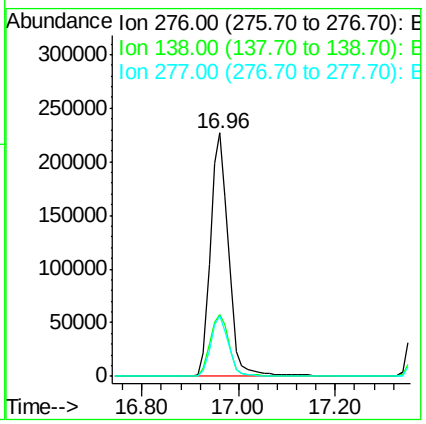


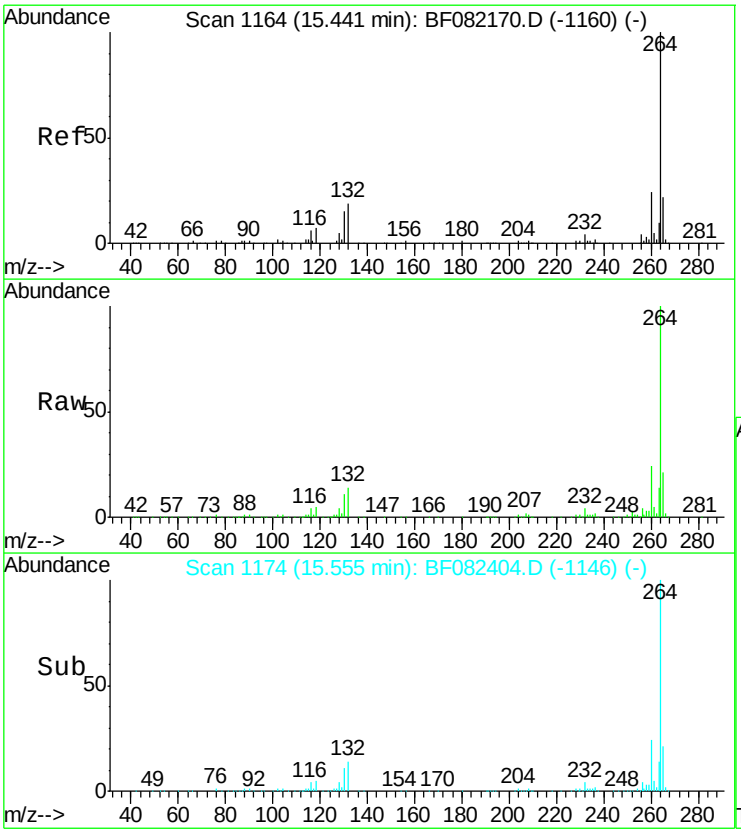

#85
Indeno(1,2,3-cd)pyrene
Concen: 41.22 ng
RT: 16.96 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:276 Resp: 599500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.8 | 19.7 | 29.5 |
| 277 | 24.9 | 20.1 | 30.1 |

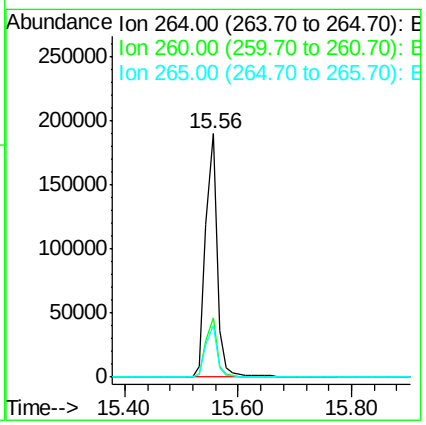


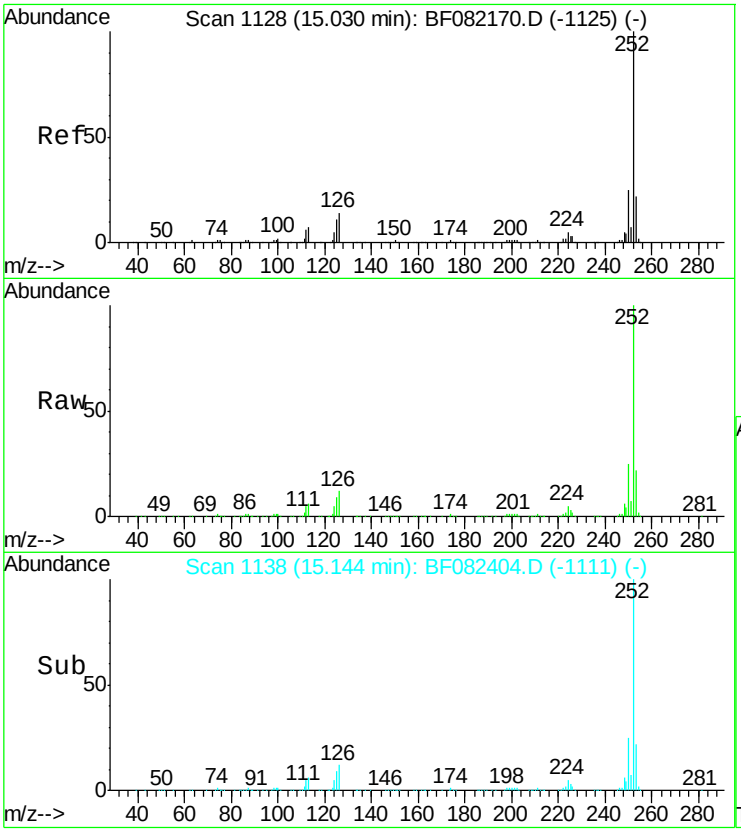




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:264 Resp: 258681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.0 | 28.6 |
| 265 | 21.1 | 17.3 | 25.9 |



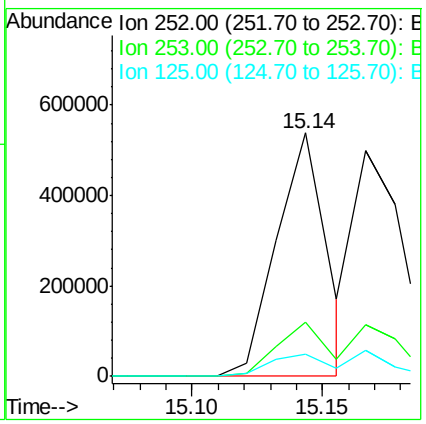


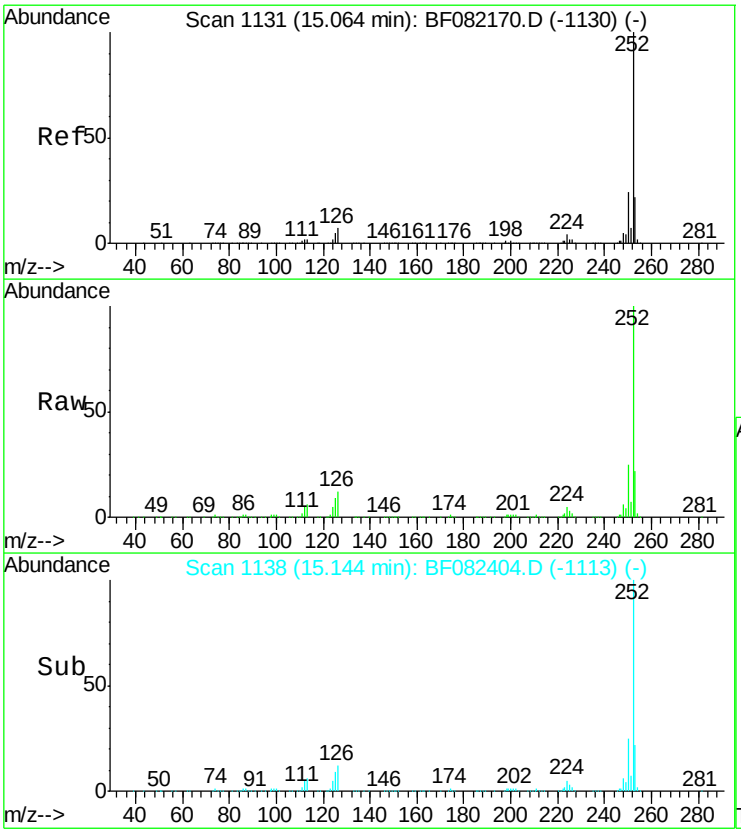

#87
Benzo(b)fluoranthene
Concen: 45.14 ng
RT: 15.14 min Scan# 1138
Delta R.T. 0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:252 Resp: 710379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.0 | 27.0 |
| 125 | 8.9 | 8.6 | 12.8 |

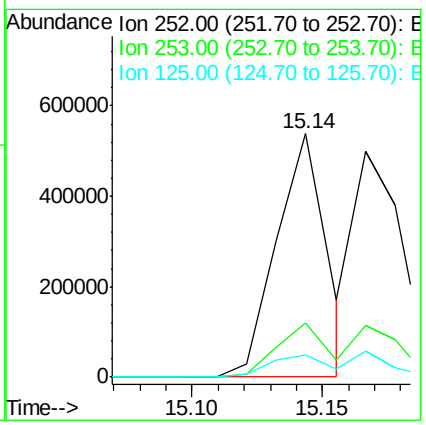


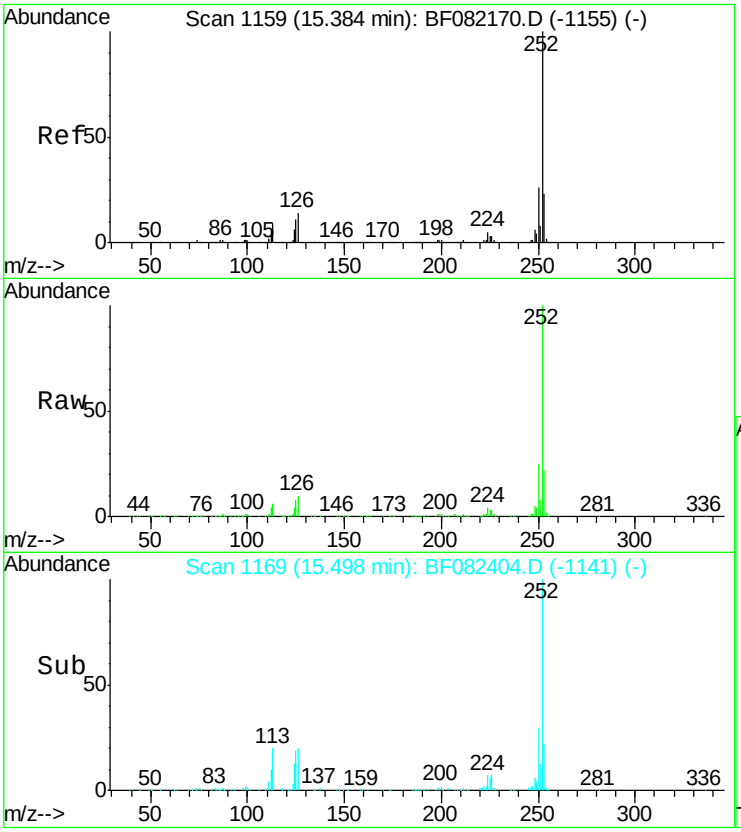




#88
Benzo(k)fluoranthene
Concen: 53.70 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:252 Resp: 710379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.6 |
| 125 | 8.9 | 6.7 | 10.1 |



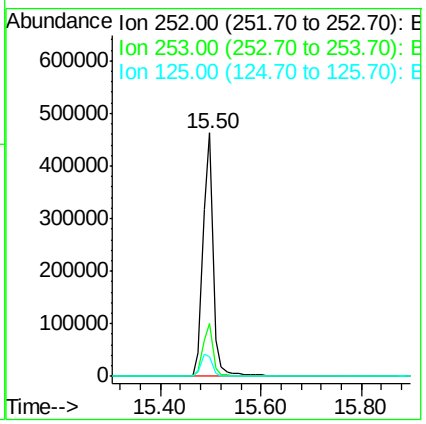


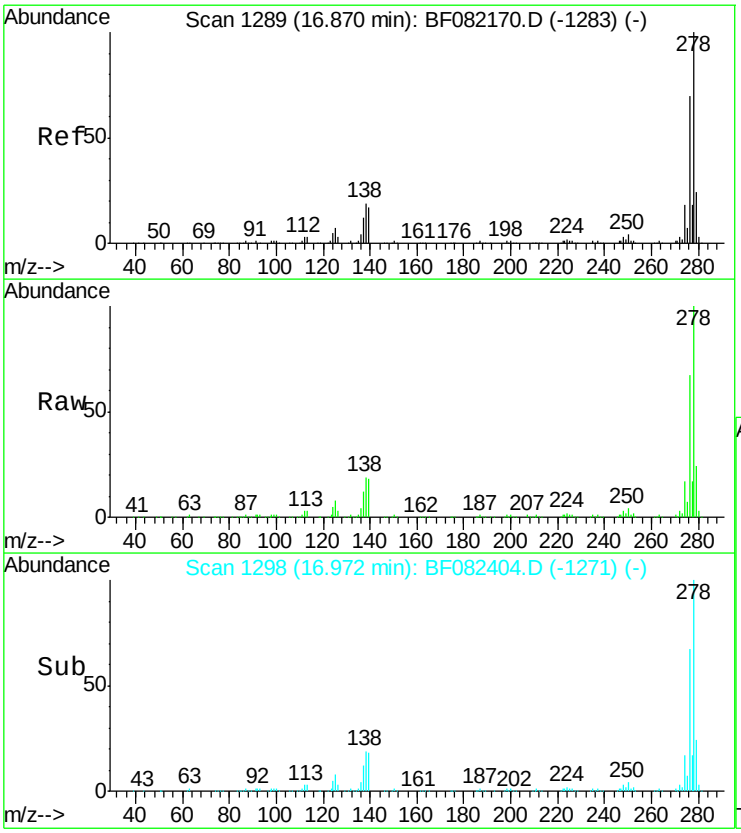

#89
Benzo(a)pyrene
Concen: 47.95 ng
RT: 15.50 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:252 Resp: 648565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 18.2 | 27.2 |
| 125 | 7.9 | 8.9 | 13.3# |

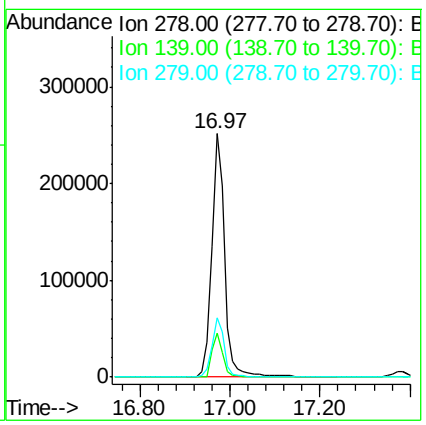


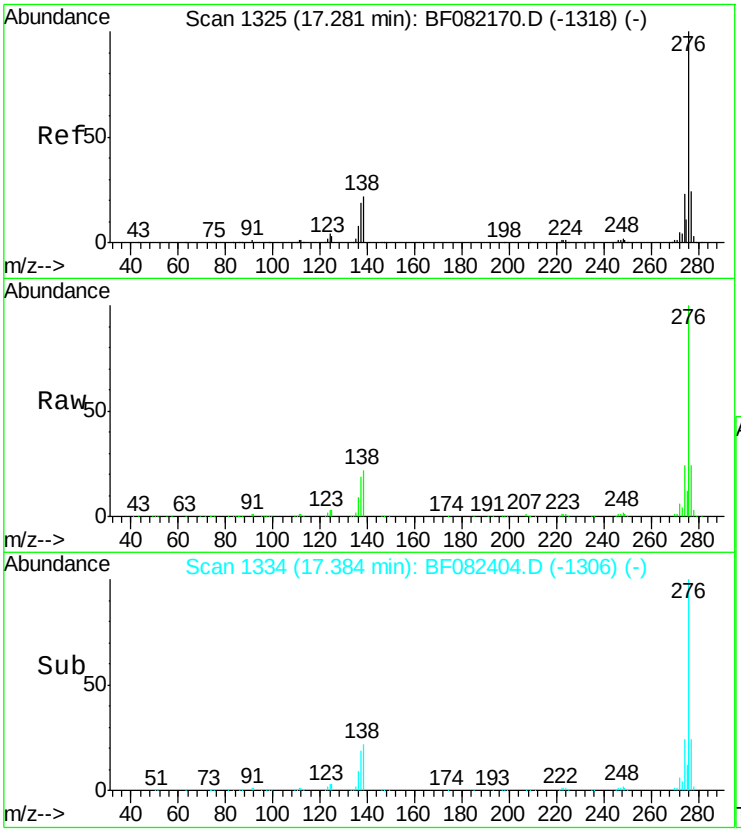




#90
Dibenzo(a,h)anthracene
Concen: 45.65 ng
RT: 16.97 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

Tgt Ion:278 Resp: 505972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.8 | 13.3 | 19.9 |
| 279 | 24.4 | 18.9 | 28.3 |






#91
Benzo(g,h,i)perylene
Concen: 45.51 ng
RT: 17.38 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF082404.D
Acq: 21 Oct 2015 15:11

**Instrument :**
BNA_F
**ClientSampleId :**
20151013MGP208BRV68MS

Tgt Ion:276 Resp: 490009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 18.8 | 28.2 |
| 138 | 22.0 | 17.4 | 26.2 |