Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086001.D
Acq On : 2 Apr 2016 10:13
Operator : UM/SJ
Sample : H2055-01MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BH-1(0-2)MSD

Quant Time: Apr 04 01:01:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.77 | 152 | 111797 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.05 | 136 | 442748 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.81 | 164 | 220244 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.29 | 188 | 427011 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.93 | 240 | 379384 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.33 | 264 | 317635 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 774733 | 118.45 | ng | | 0.01 |
| 7) Phenol-d6 | 6.42 | 99 | 910005 | 109.54 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.34 | 82 | 600083 | 79.93 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 245798 | 118.90 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.14 | 172 | 1032252 | 77.93 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.88 | 244 | 1037732 | 64.30 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.36 | 88 | 93946 | 30.30 | ng | | 100 |
| 3) Pyridine | 3.07 | 79 | 256530 | 36.95 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.01 | 42 | 108228 | 35.45 | ng | | 99 |
| 6) Aniline | 6.44 | 93 | 295940 | 27.15 | ng | | 95 |
| 8) 2-Chlorophenol | 6.56 | 128 | 291931 | 37.43 | ng | | 93 |
| 9) Benzaldehyde | 6.33 | 77 | 135842 | 30.39 | ng | | 91 |
| 10) Phenol | 6.43 | 94 | 382654 | 40.38 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.51 | 93 | 259929 | 34.64 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.72 | 146 | 290200 | 35.10 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.78 | 146 | 302948 | 35.57 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.94 | 146 | 284054 | 36.23 | ng | | 99 |
| 15) Benzyl Alcohol | 6.92 | 79 | 219234 | 40.79 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45 | 335701 | 36.62 | ng | | 92 |
| 17) 2-Methylphenol | 7.04 | 107 | 232474 | 37.80 | ng | | 96 |
| 18) Hexachloroethane | 7.28 | 117 | 108087 | 34.50 | ng | # | 80 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 198088 | 38.47 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 294177 | 39.33 | ng | # | 82 |
| 22) Acetophenone | 7.18 | 105 | 390161 | 37.49 | ng | # | 93 |
| 24) Nitrobenzene | 7.36 | 77 | 288336 | 35.10 | ng | | 97 |
| 25) Isophorone | 7.60 | 82 | 557097 | 37.59 | ng | | 100 |
| 26) 2-Nitrophenol | 7.68 | 139 | 153076 | 38.95 | ng | # | 87 |
| 27) 2,4-Dimethylphenol | 7.72 | 122 | 268194 | 38.00 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.81 | 93 | 352136 | 40.50 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 232261 | 38.92 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.00 | 180 | 243775 | 36.40 | ng | | 99 |
| 31) Naphthalene | 8.08 | 128 | 808409 | 36.30 | ng | | 100 |
| 32) Benzoic acid | 7.82 | 122 | 17990 | 3.47 | ng | | 95 |
| 33) 4-Chloroaniline | 8.13 | 127 | 200227 | 22.26 | ng | # | 91 |
| 34) Hexachlorobutadiene | 8.20 | 225 | 124149 | 34.48 | ng | | 98 |
| 35) Caprolactam | 8.51 | 113 | 51837 | 27.38 | ng | | 87 |
| 36) 4-Chloro-3-methylphenol | 8.62 | 107 | 255845 | 38.14 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.77 | 142 | 559575 | 38.46 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.93 | 216 | 217979 | 32.93 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.92 | 237 | 164002 | 71.58 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086001.D
Acq On : 2 Apr 2016 10:13
Operator : UM/SJ
Sample : H2055-01MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BH-1(0-2)MSD

Quant Time: Apr 04 01:01:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.06 | 196 | 159613 | 37.55 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 9.10 | 196 | 166682 | 38.62 | ng | | 99 |
| 45) 1,1'-Biphenyl | 9.23 | 154 | 623501 | 32.83 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.26 | 162 | 499868 | 36.31 | ng | | 99 |
| 47) 2-Nitroaniline | 9.36 | 65 | 156795 | 38.93 | ng | # | 82 |
| 48) Acenaphthylene | 9.68 | 152 | 827375 | 37.52 | ng | | 100 |
| 49) Dimethylphthalate | 9.54 | 163 | 684314 | 41.92 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.61 | 165 | 145497 | 42.13 | ng | # | 76 |
| 51) Acenaphthene | 9.85 | 154 | 490004 | 37.36 | ng | | 100 |
| 52) 3-Nitroaniline | 9.78 | 138 | 112458 | 27.02 | ng | | 84 |
| 53) 2,4-Dinitrophenol | 9.89 | 184 | 62354 | 37.39 | ng | # | 72 |
| 54) Dibenzofuran | 10.02 | 168 | 704339 | 40.67 | ng | | 99 |
| 55) 4-Nitrophenol | 9.95 | 139 | 188177 | 76.68 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 10.01 | 165 | 163041 | 37.36 | ng | # | 38 |
| 57) Fluorene | 10.36 | 166 | 566471 | 38.29 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.14 | 232 | 126385 | 39.33 | ng | | 98 |
| 59) Diethylphthalate | 10.24 | 149 | 586440 | 35.59 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.35 | 204 | 254822 | 36.97 | ng | | 95 |
| 61) 4-Nitroaniline | 10.40 | 138 | 165181 | 40.29 | ng | | 96 |
| 62) Azobenzene | 10.51 | 77 | 650489 | 41.22 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 10.42 | 198 | 89585 | 34.62 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 10.48 | 169 | 524032 | 39.24 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.84 | 248 | 162435 | 37.26 | ng | # | 89 |
| 67) Hexachlorobenzene | 10.91 | 284 | 169252 | 37.54 | ng | | 94 |
| 68) Atrazine | 11.00 | 200 | 156592 | 36.29 | ng | | 98 |
| 69) Pentachlorophenol | 11.10 | 266 | 163305 | 77.29 | ng | | 99 |
| 70) Phenanthrene | 11.32 | 178 | 885054 | 37.99 | ng | | 99 |
| 71) Anthracene | 11.37 | 178 | 818073 | 33.52 | ng | | 100 |
| 72) Carbazole | 11.53 | 167 | 787860 | 37.56 | ng | | 100 |
| 73) Di-n-butylphthalate | 11.86 | 149 | 1012146 | 38.94 | ng | | 99 |
| 74) Fluoranthene | 12.50 | 202 | 830537 | 34.28 | ng | | 99 |
| 76) Benzidine | 12.62 | 184 | 419726 | 31.36 | ng | | 99 |
| 77) Pyrene | 12.73 | 202 | 843387 | 31.55 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.35 | 149 | 417569 | 34.69 | ng | # | 72 |
| 80) Benzo(a)anthracene | 13.92 | 228 | 751821 | 33.62 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.88 | 252 | 175250 | 10.73 | ng | | 98 |
| 82) Chrysene | 13.96 | 228 | 717453 | 33.31 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.91 | 149 | 563870 | 35.29 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.52 | 149 | 1019447 | 39.96 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.69 | 276 | 587560 | 33.62 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.97 | 252 | 1393474 | 69.74 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 14.97 | 252 | 1393474 | 78.75 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.28 | 252 | 641277 | 36.22 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.69 | 278 | 495311 | 34.77 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.09 | 276 | 471525 | 34.21 | ng | | 98 |

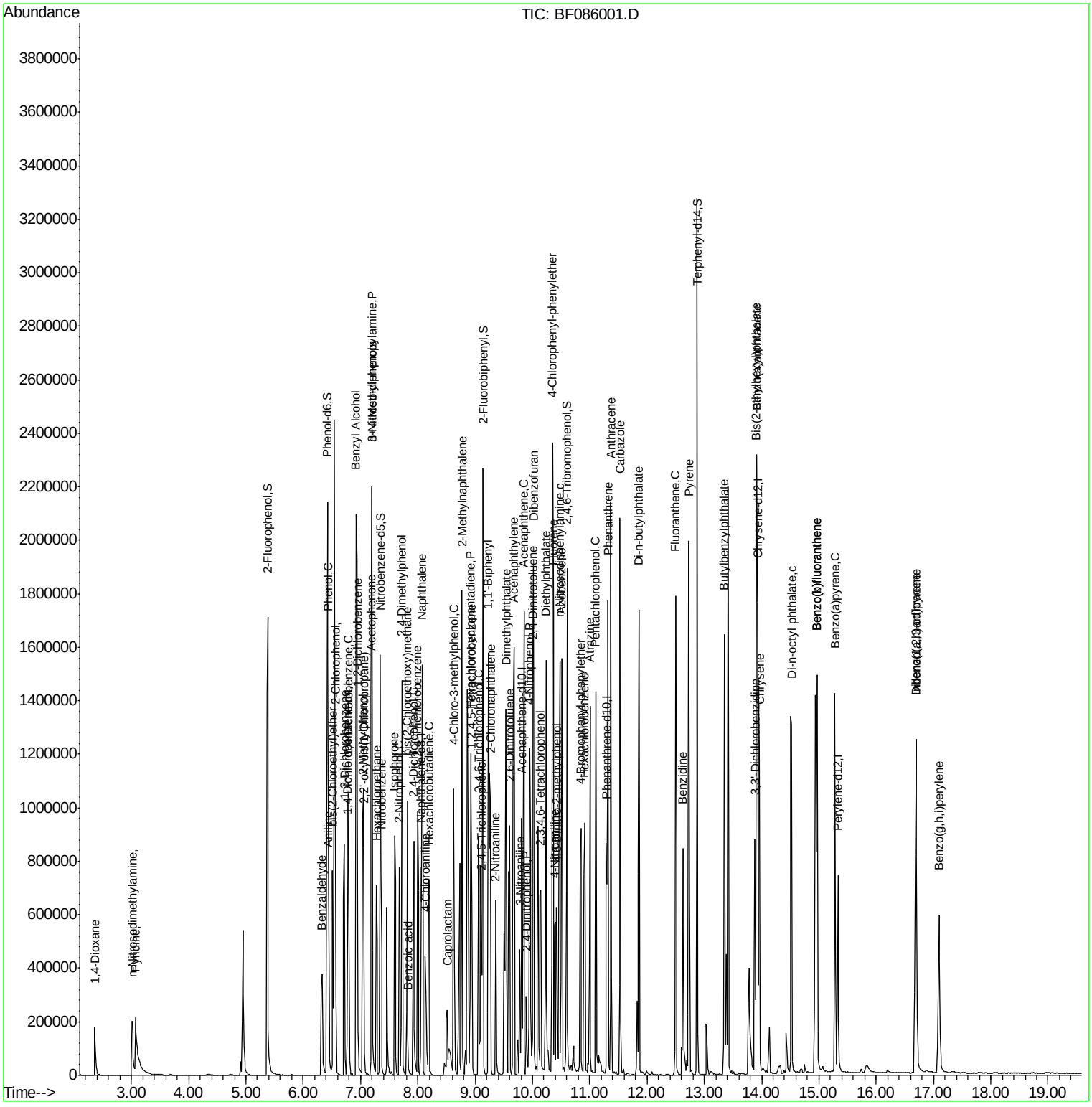
(#) = qualifier out of range (m) = manual integration (+) = signals summed

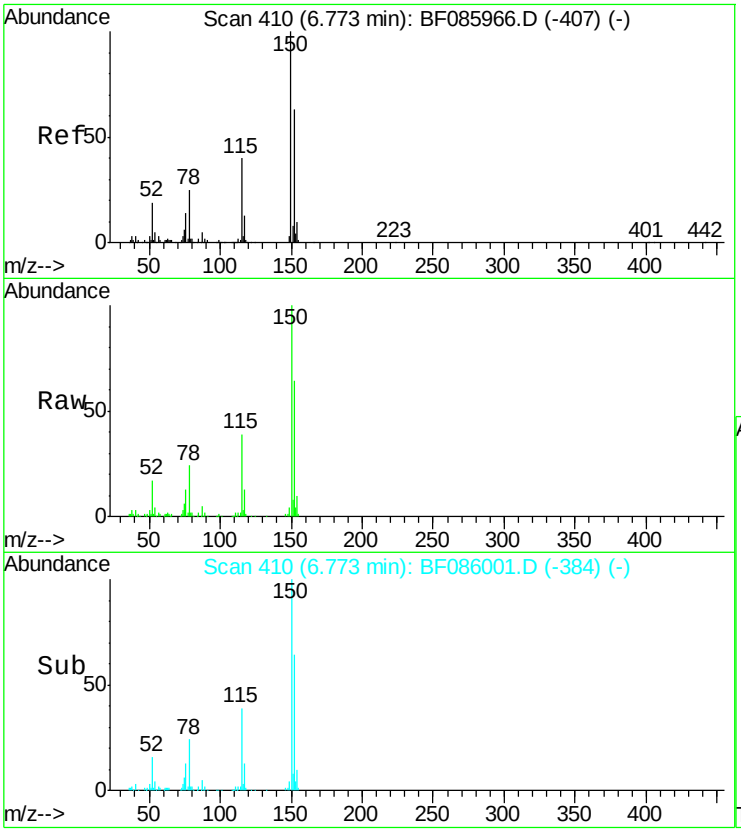
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086001.D
Acq On : 2 Apr 2016 10:13
Operator : UM/SJ
Sample : H2055-01MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Quant Time: Apr 04 01:01:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration



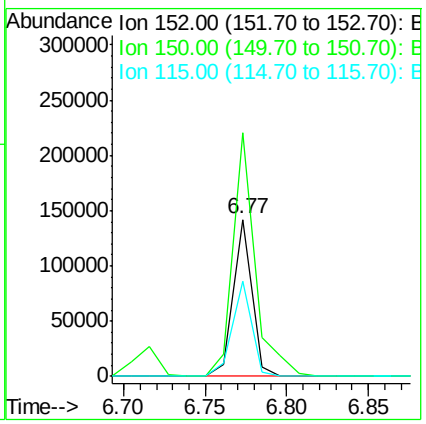


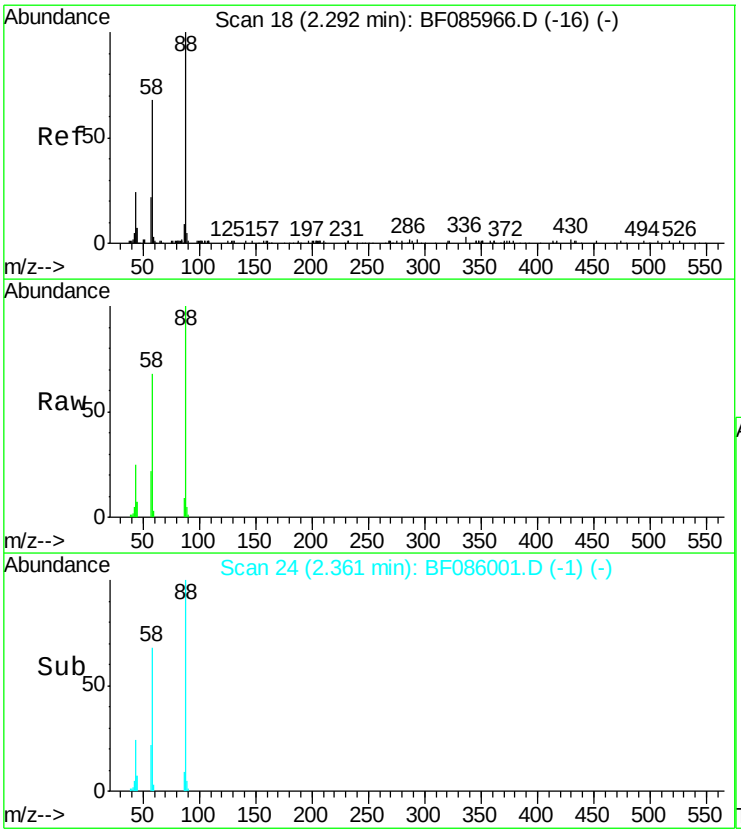

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:152 Resp: 111797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.5 | 124.2 | 186.2 |
| 115 | 60.6 | 47.0 | 70.6 |

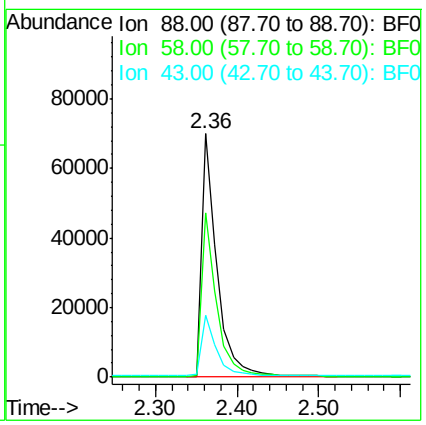


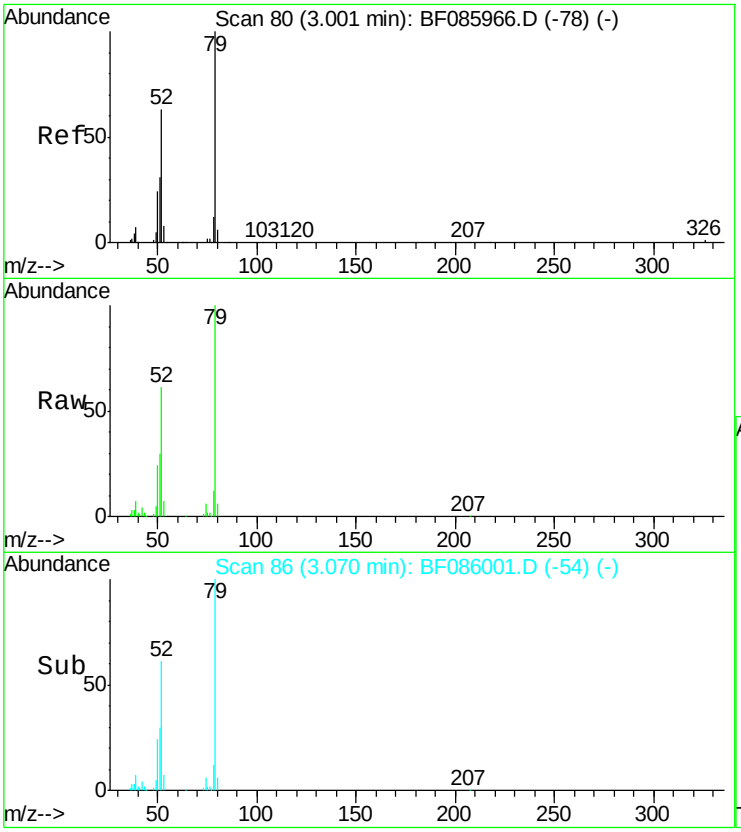




#2
1,4-Dioxane
Concen: 30.30 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.07 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion: 88 Resp: 93946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.5 | 54.2 | 81.2 |
| 43 | 23.8 | 19.3 | 28.9 |



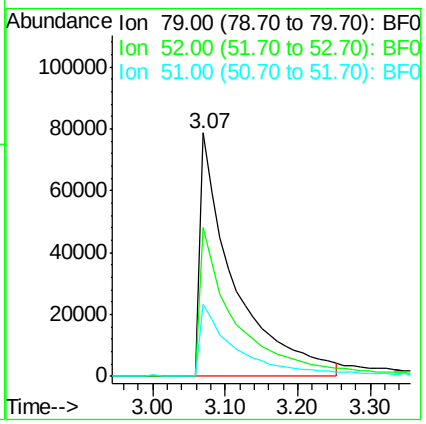


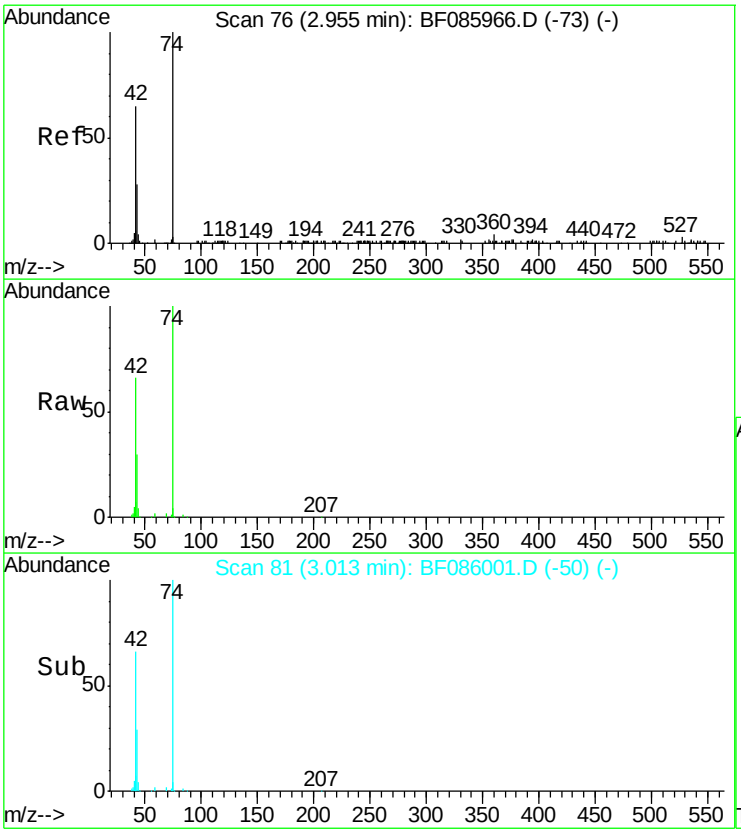

#3
Pyridine
Concen: 36.95 ng
RT: 3.07 min Scan# 86
Delta R.T. 0.07 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion: 79 Resp: 256530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 61.4 | 49.8 | 74.6 |
| 51 | 29.7 | 24.7 | 37.1 |

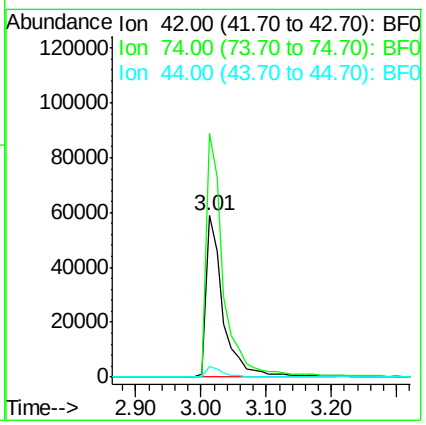


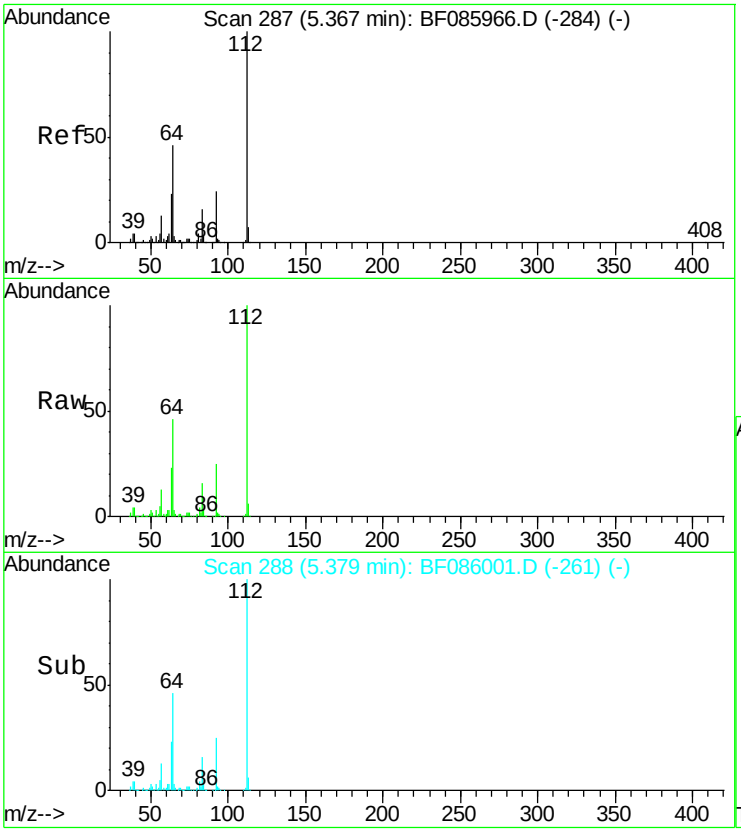




#4
n-Nitrosodimethylamine
Concen: 35.45 ng
RT: 3.01 min Scan# 81
Delta R.T. 0.06 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion: 42 Resp: 108228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 150.9 | 121.4 | 182.2 |
| 44 | 6.8 | 5.6 | 8.4 |



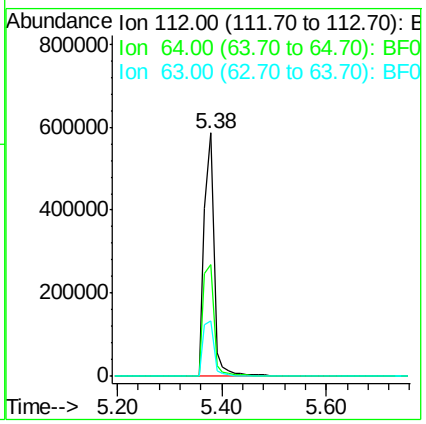


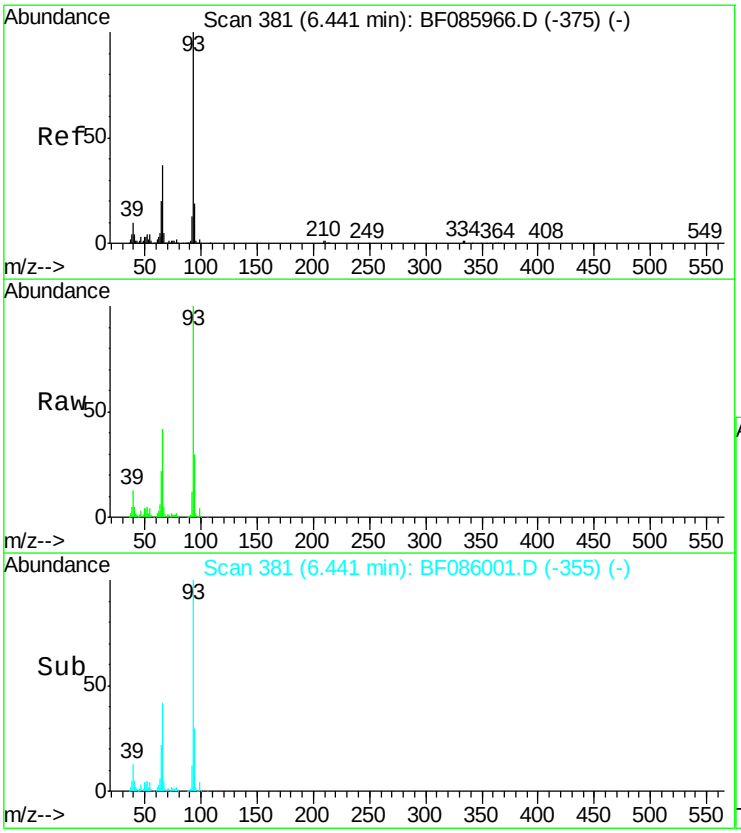

#5
2-Fluorophenol
Concen: 118.45 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:112 Resp: 774733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 45.9 | 39.9 | 59.9 |
| 63 | 22.9 | 20.2 | 30.2 |

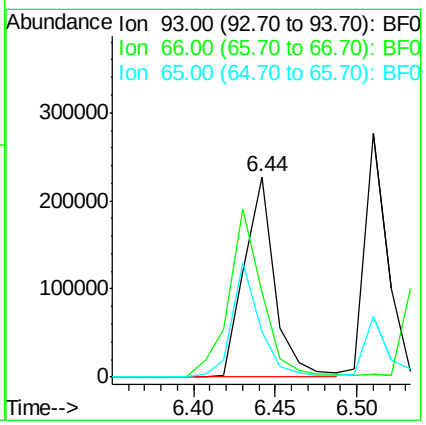


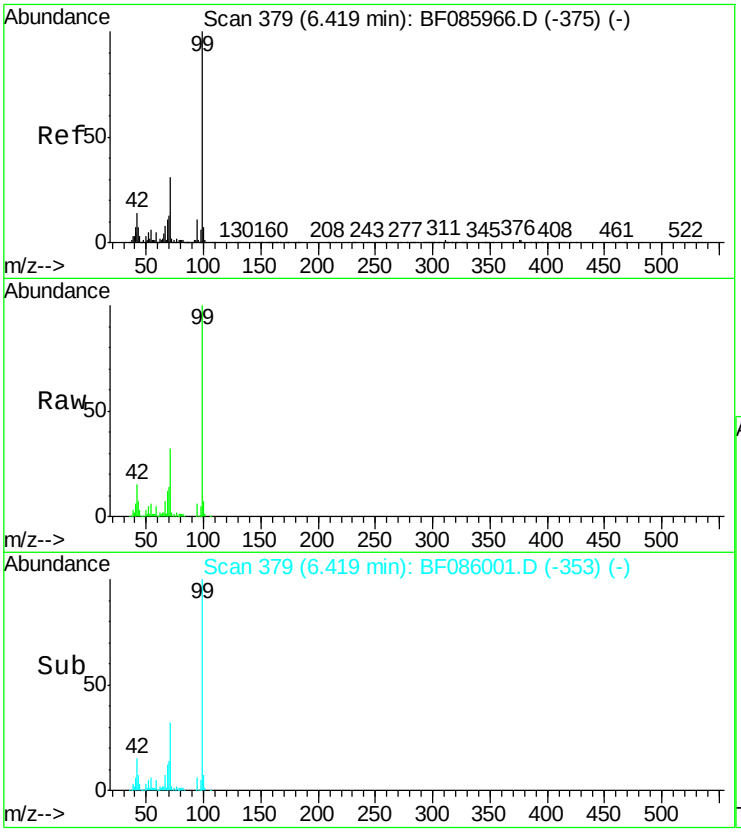




#6
Aniline
Concen: 27.15 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion: 93 Resp: 295940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.4 | 31.4 | 47.2 |
| 65 | 22.4 | 15.7 | 23.5 |



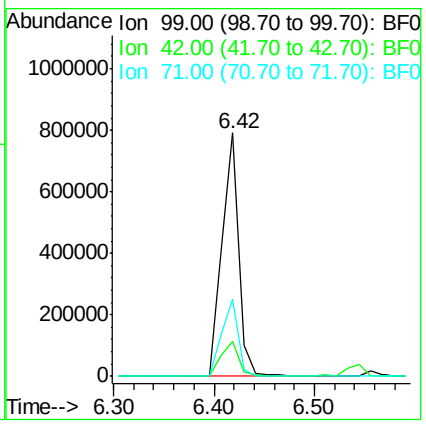


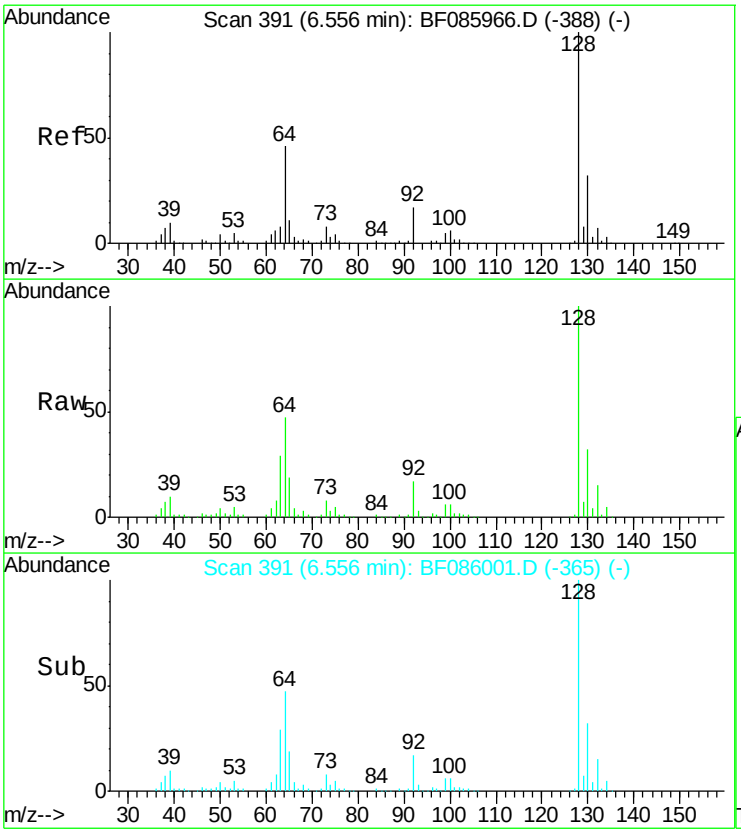

#7
Phenol-d6
Concen: 109.54 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion: 99 Resp: 910005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.6 | 11.1 | 16.7 |
| 71 | 31.9 | 24.9 | 37.3 |

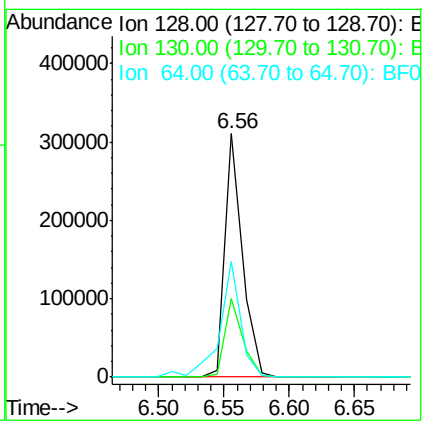


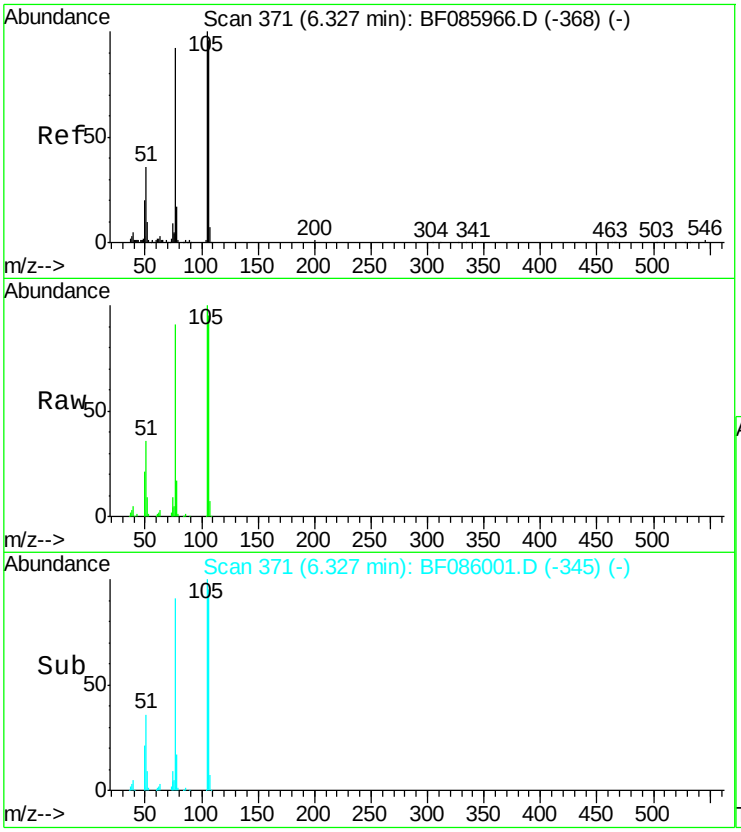




#8
2-Chlorophenol
Concen: 37.43 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:128 Resp: 291931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 12.9 | 52.9 |
| 64 | 47.5 | 20.2 | 60.2 |



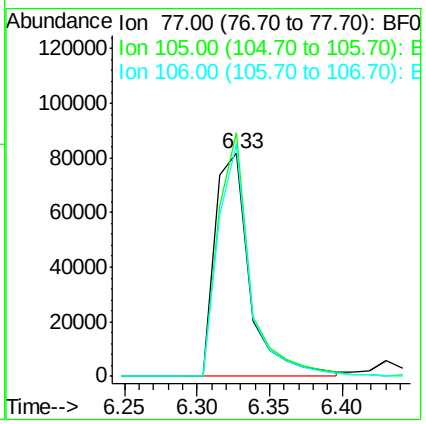


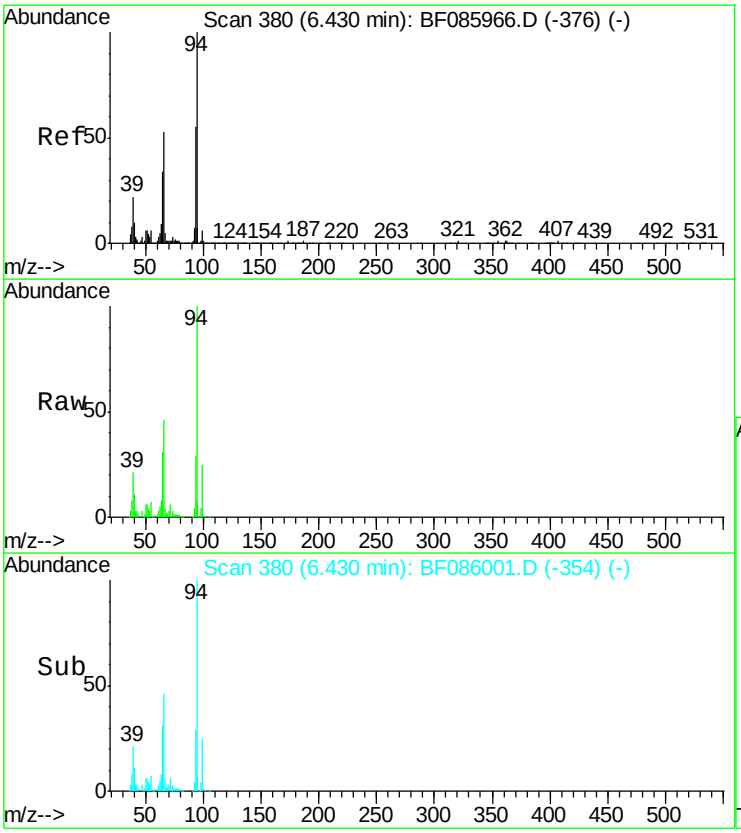

#9
Benzaldehyde
Concen: 30.39 ng
RT: 6.33 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion: 77 Resp: 135842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 109.3 | 80.1 | 120.1 |
| 106 | 104.1 | 75.0 | 115.0 |

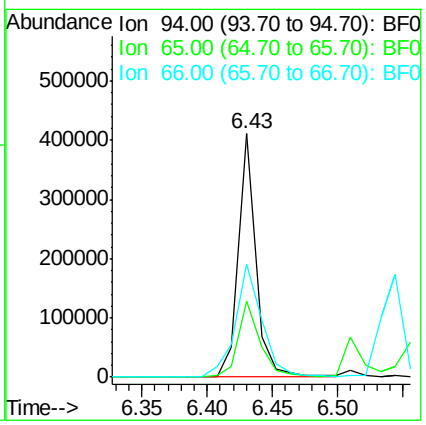


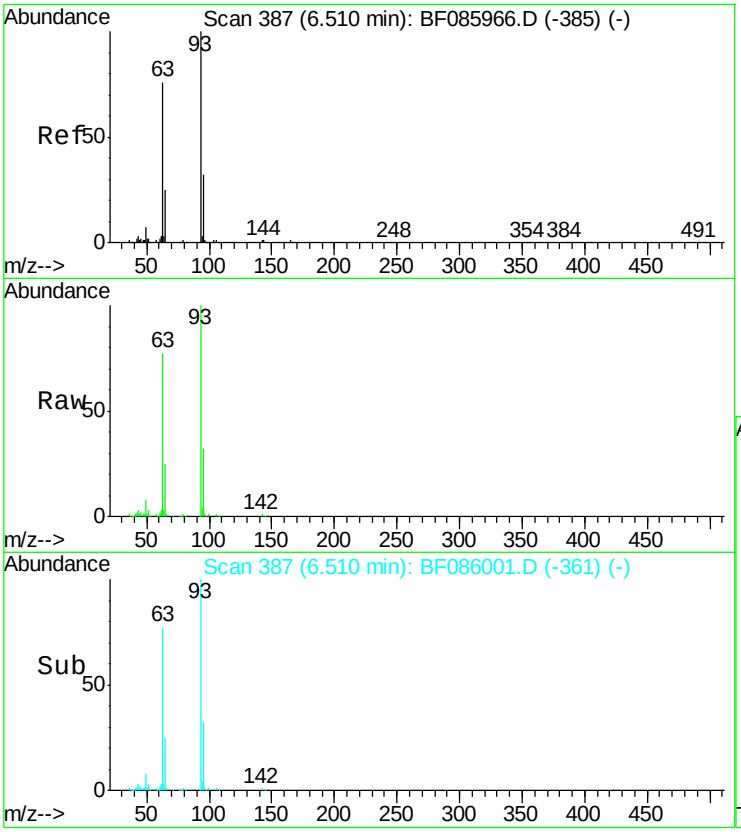




#10
Phenol
Concen: 40.38 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion: 94 Resp: 382654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.4 | 8.6 | 48.6 |
| 66 | 46.3 | 20.0 | 60.0 |



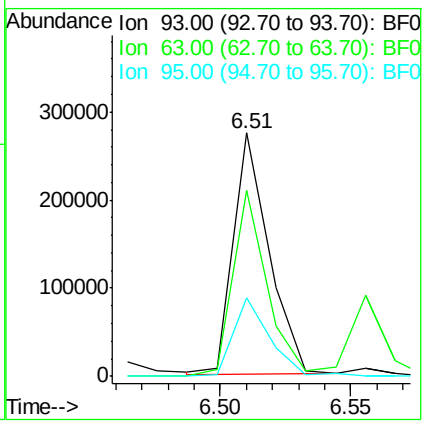


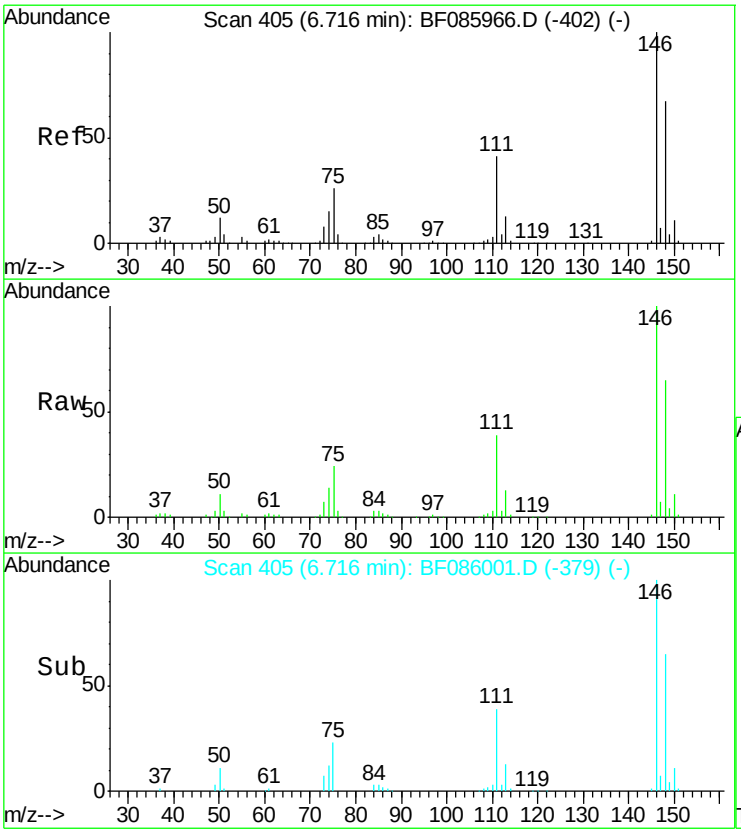

#11
bis(2-Chloroethyl)ether
Concen: 34.64 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion: 93 Resp: 259929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 76.6 | 50.9 | 90.9 |
| 95 | 32.1 | 13.3 | 53.3 |

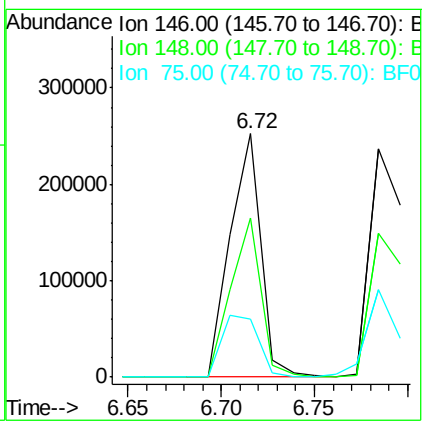


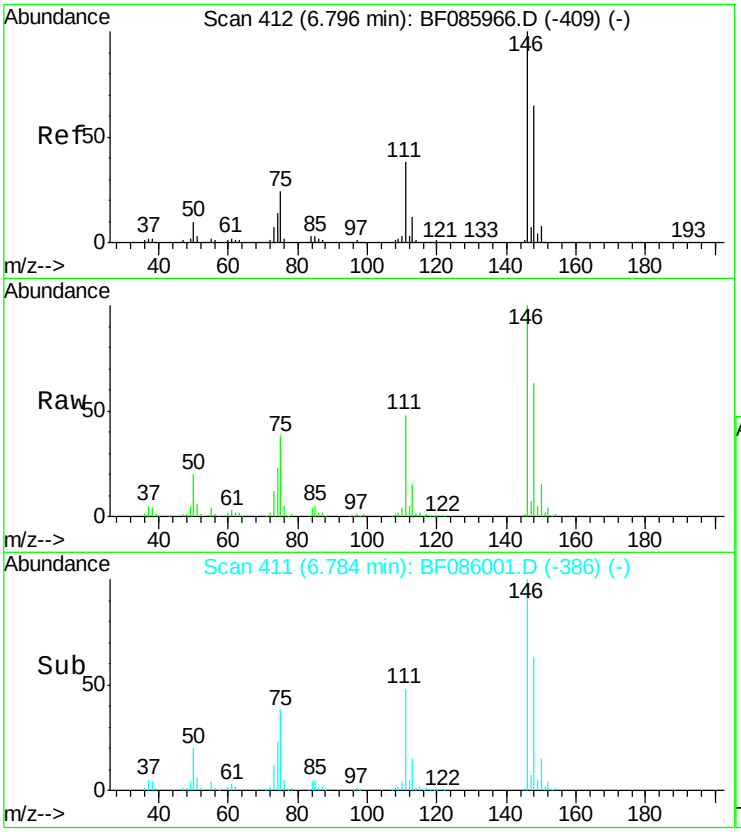




#12
1,3-Dichlorobenzene
Concen: 35.10 ng
RT: 6.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:146 Resp: 290200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.5 | 52.3 | 78.5 |
| 75 | 23.8 | 17.4 | 26.2 |



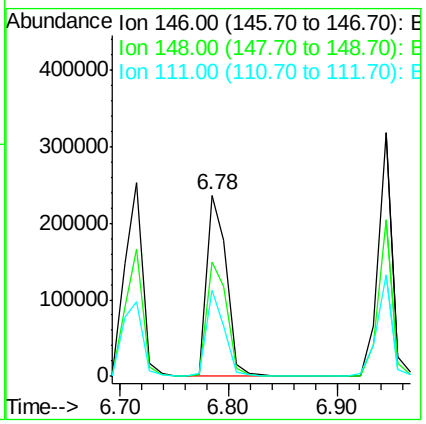


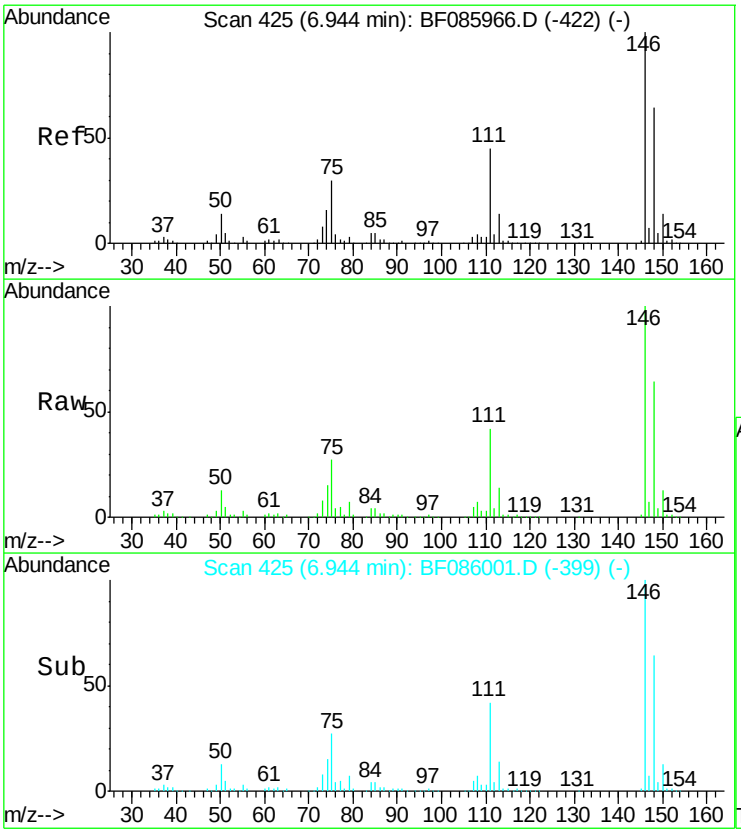

#13
1,4-Dichlorobenzene
Concen: 35.57 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:146 Resp: 302948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.6 | 76.0 |
| 111 | 47.8 | 37.8 | 56.6 |

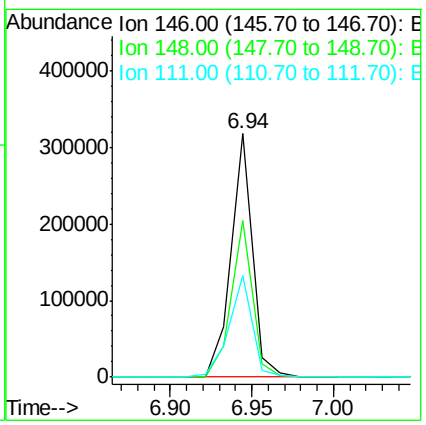


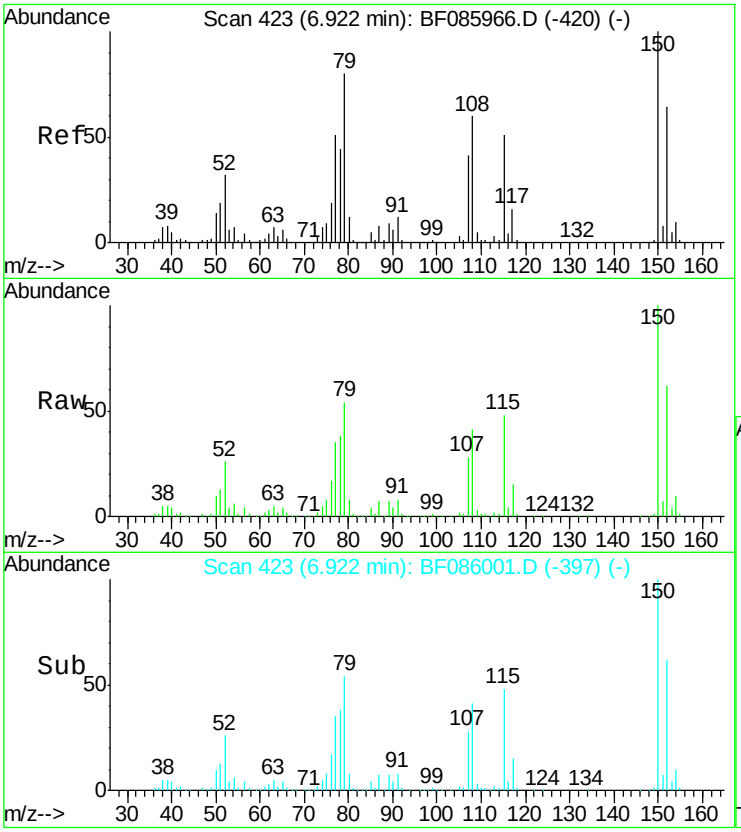




#14
1,2-Dichlorobenzene
Concen: 36.23 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:146 Resp: 284054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.4 | 77.2 |
| 111 | 41.8 | 34.6 | 52.0 |



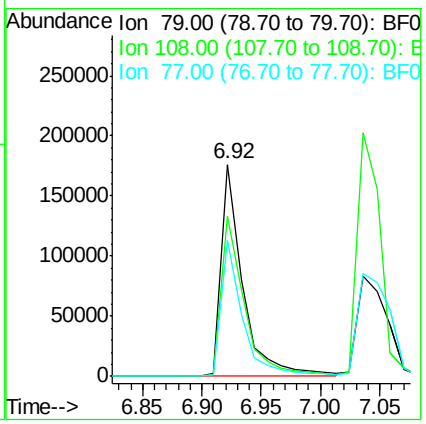


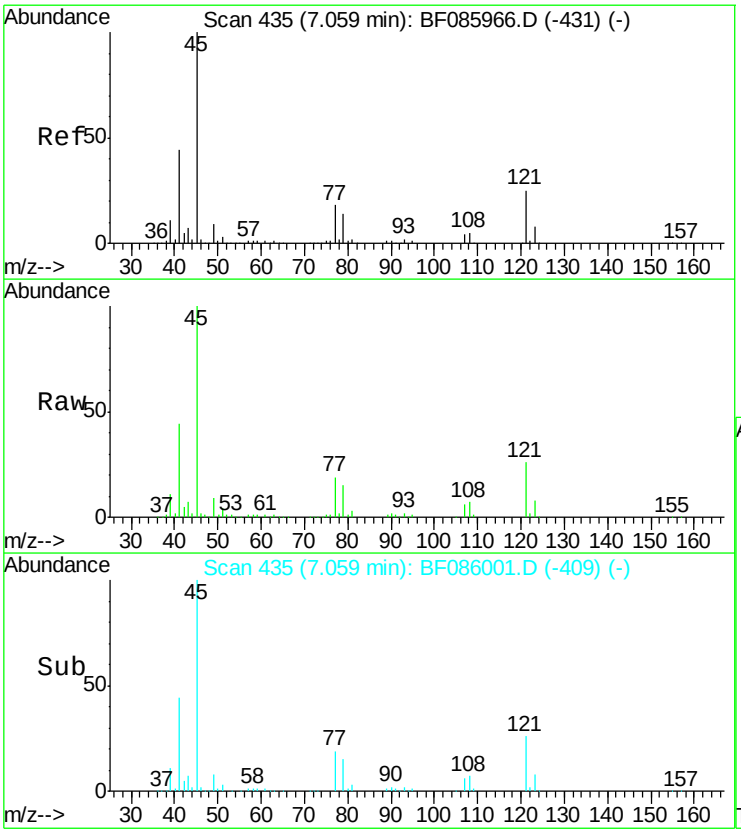

#15
Benzyl Alcohol
Concen: 40.79 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion: 79 Resp: 219234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.9 | 61.8 | 92.6 |
| 77 | 64.3 | 49.6 | 74.4 |

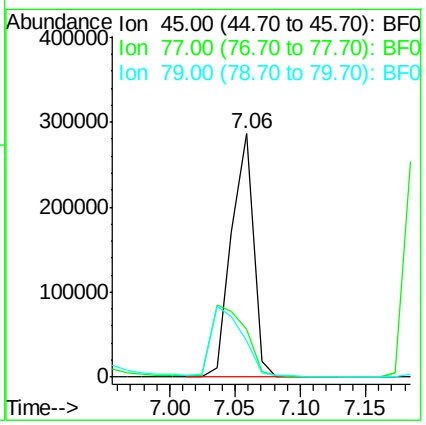


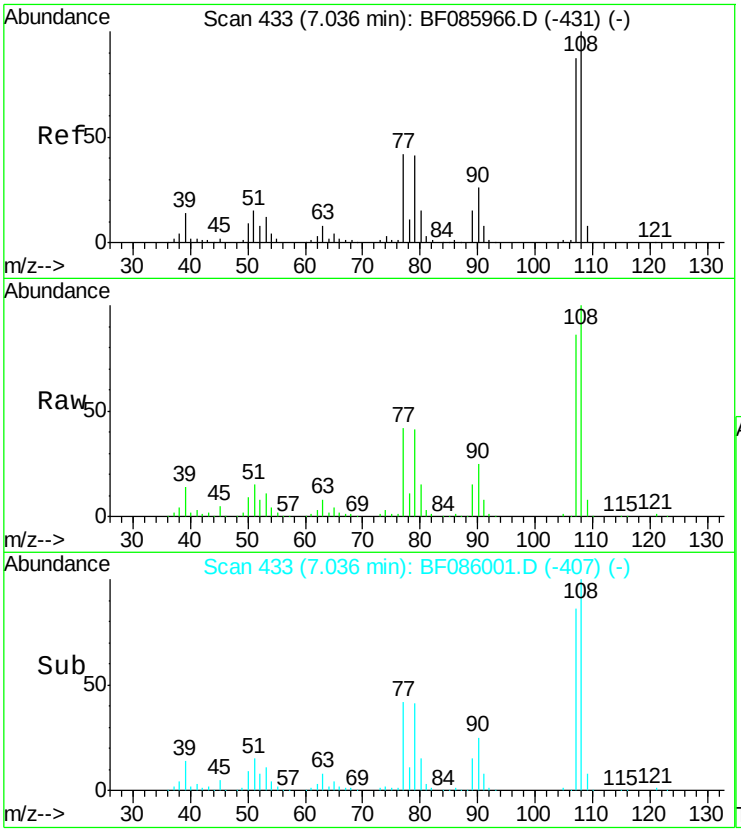




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.62 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion: 45 Resp: 335701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 19.5 | 0.0 | 35.7 |
| 79 | 15.1 | 0.0 | 32.2 |



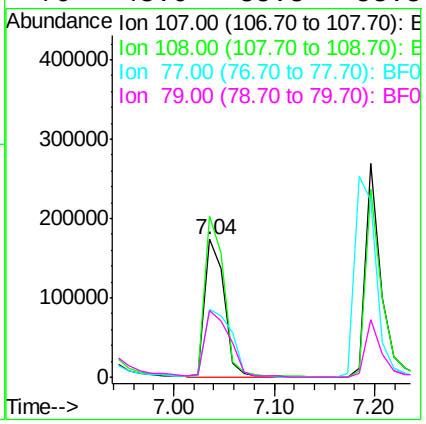


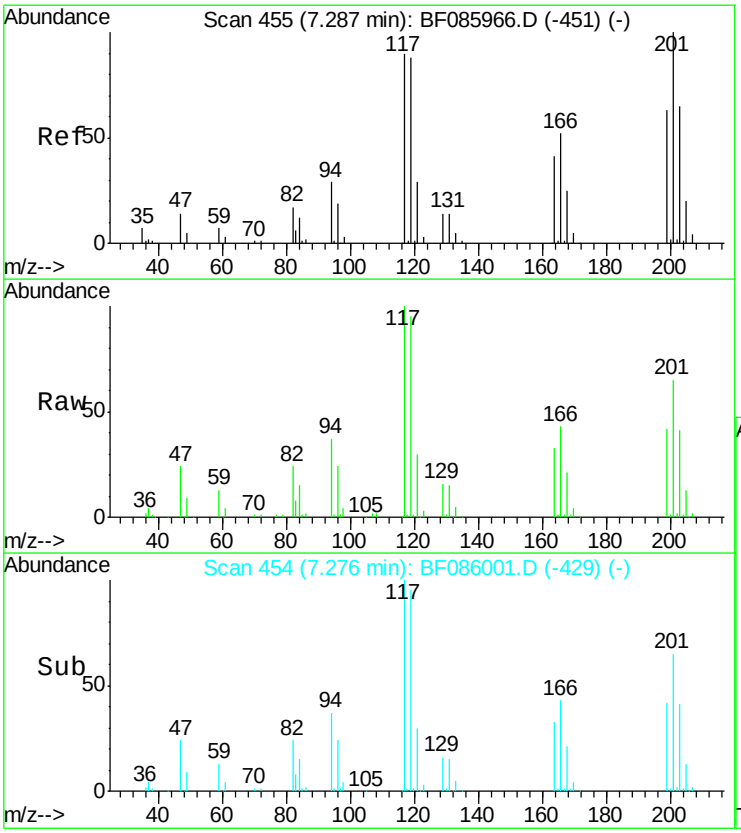

#17
2-Methylphenol
Concen: 37.80 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:107 Resp: 232474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 116.5 | 91.4 | 137.0 |
| 77 | 49.1 | 36.2 | 54.2 |
| 79 | 48.0 | 35.8 | 53.8 |

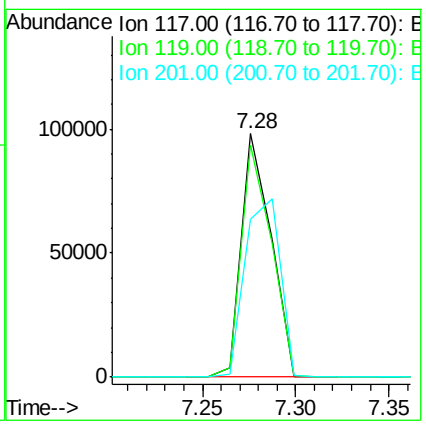


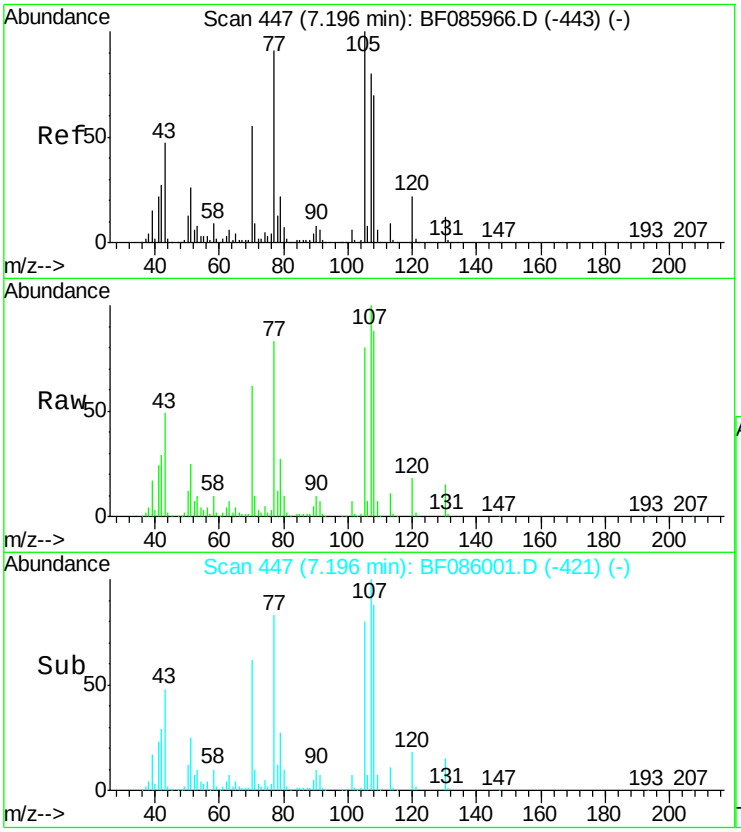




#18
Hexachloroethane
Concen: 34.50 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:117 Resp: 108087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.2 | 76.7 | 115.1 |
| 201 | 65.1 | 83.3 | 124.9# |



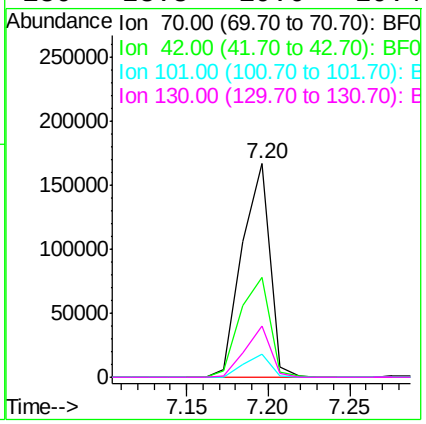


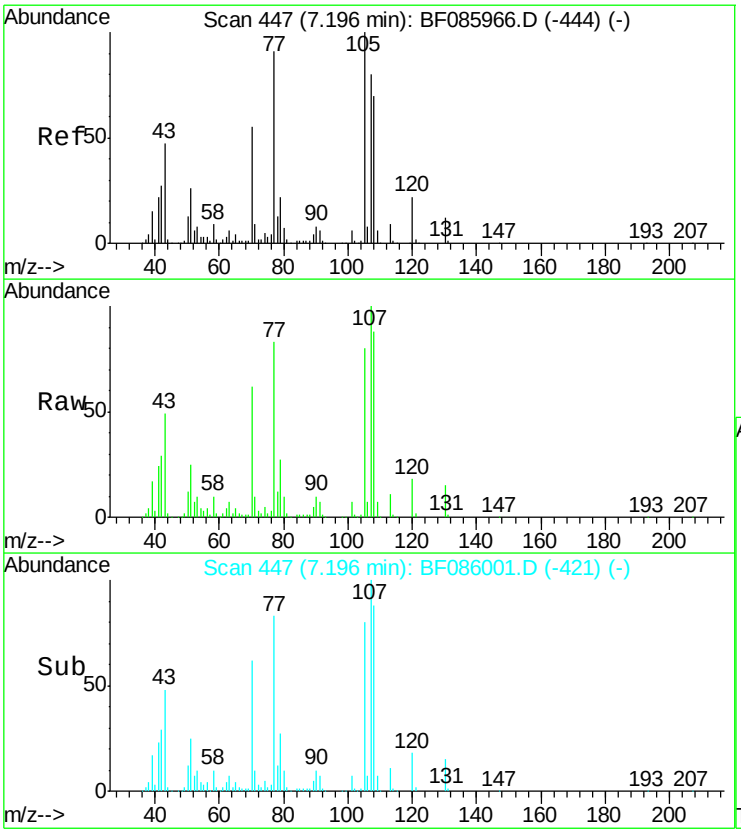

#19
n-Nitroso-di-n-propylamine
Concen: 38.47 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion: 70 Resp: 198088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.8 | 37.1 | 55.7 |
| 101 | 10.7 | 8.6 | 12.8 |
| 130 | 23.8 | 19.6 | 29.4 |

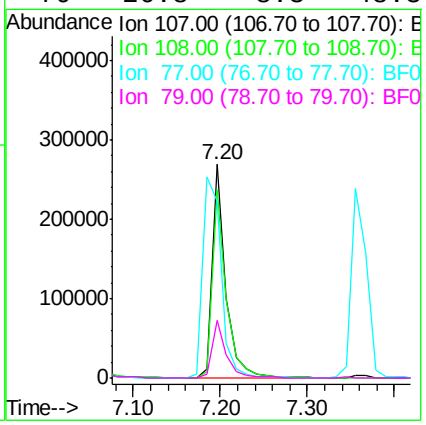


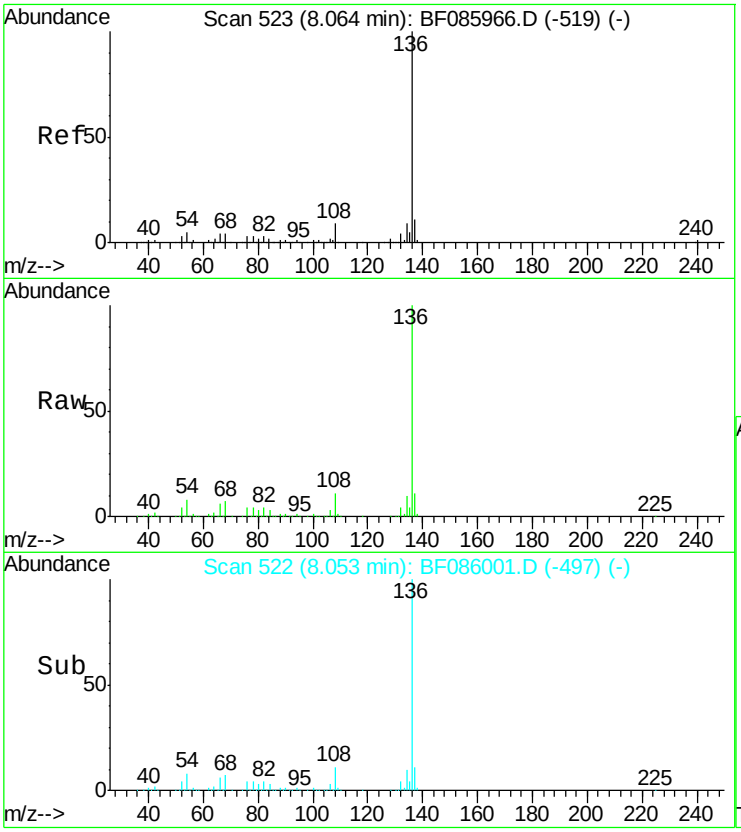




#20
3+4-Methylphenols
Concen: 39.33 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:107 Resp: 294177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.1 | 69.3 | 109.3 |
| 77 | 83.0 | 101.7 | 141.7# |
| 79 | 26.8 | 8.3 | 48.3 |



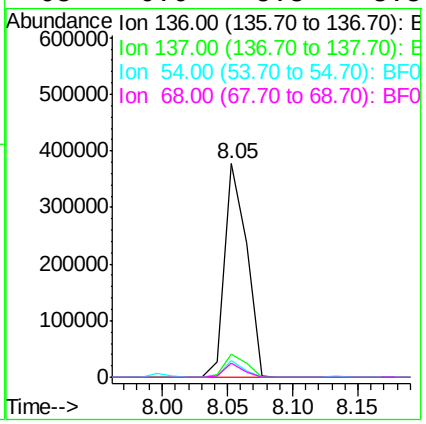


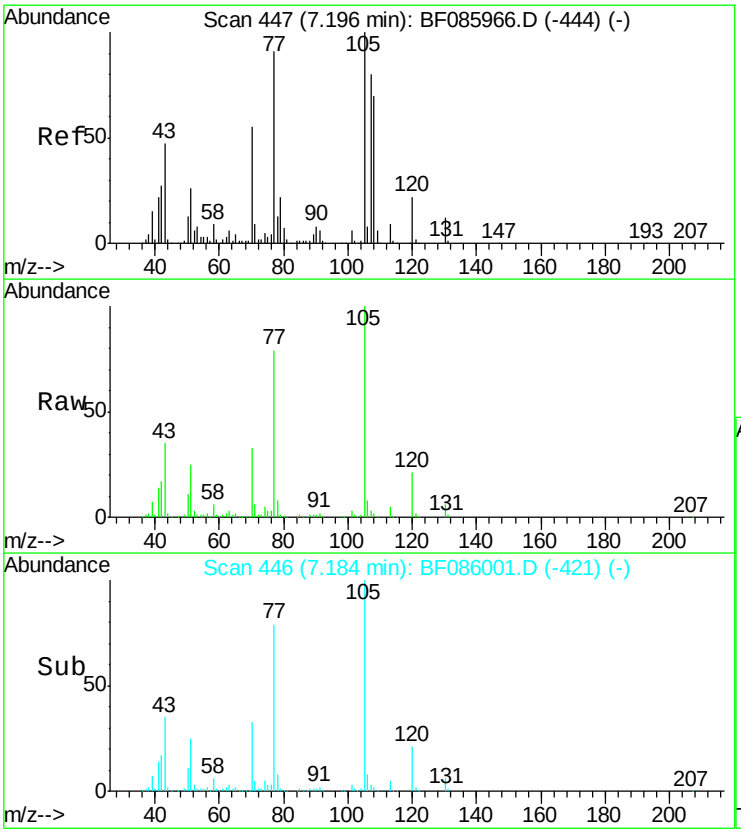

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:136 Resp: 442748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.1 | 13.7 |
| 54 | 8.0 | 7.4 | 11.0 |
| 68 | 6.6 | 5.8 | 8.8 |

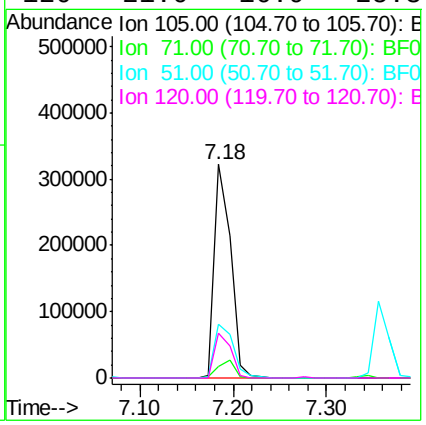


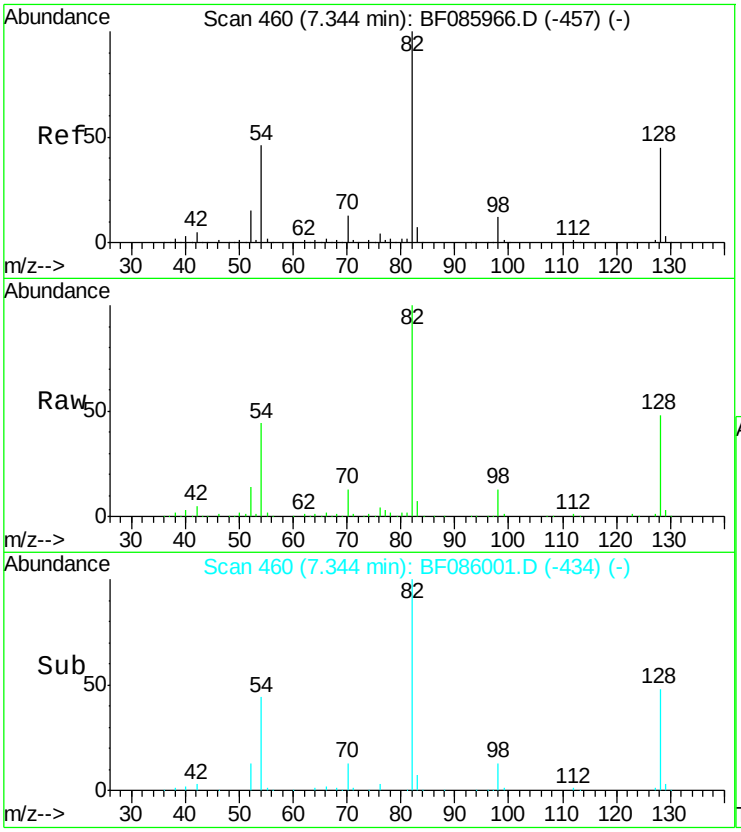




#22
Acetophenone
Concen: 37.49 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:105 Resp: 390161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.6 | 3.6 | 5.4# |
| 51 | 25.3 | 25.4 | 38.0# |
| 120 | 21.0 | 16.9 | 25.3 |



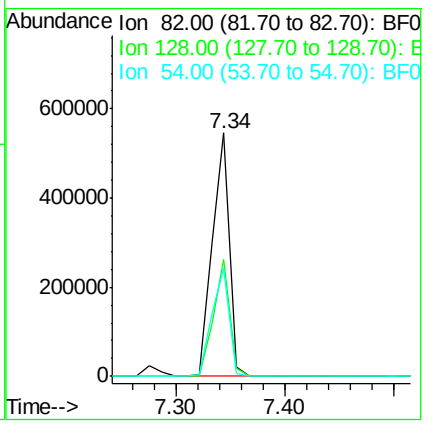


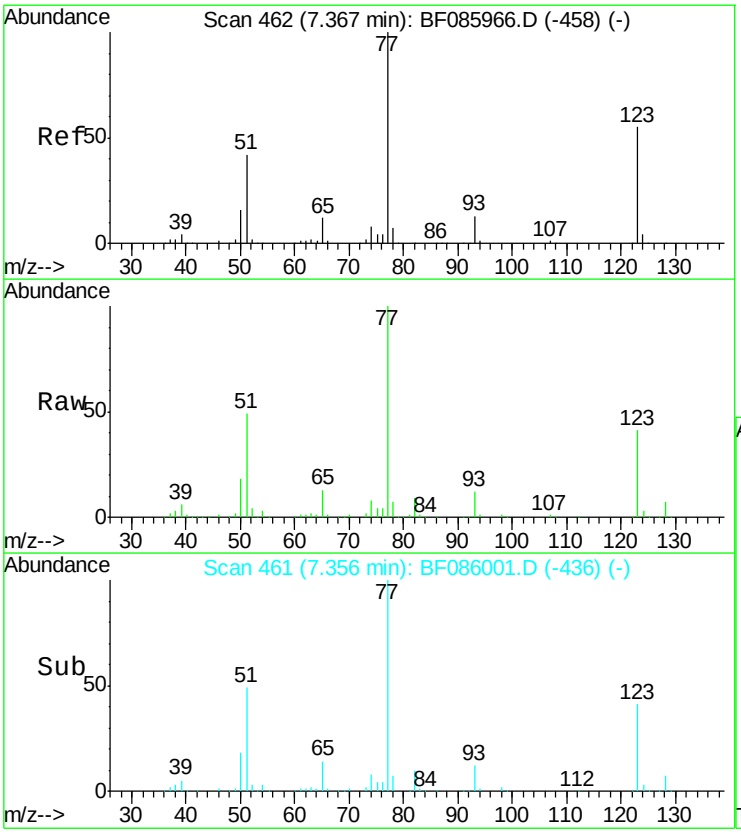

#23
Nitrobenzene-d5
Concen: 79.93 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion: 82 Resp: 600083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.2 | 41.8 | 62.8 |
| 54 | 44.3 | 33.4 | 50.0 |

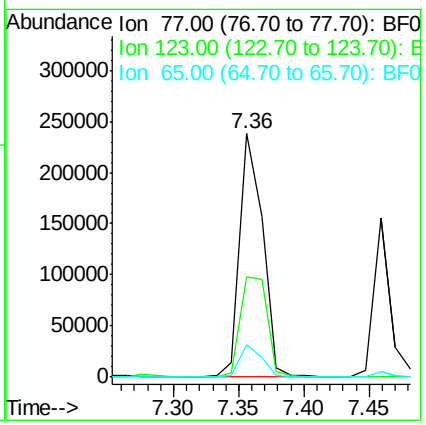


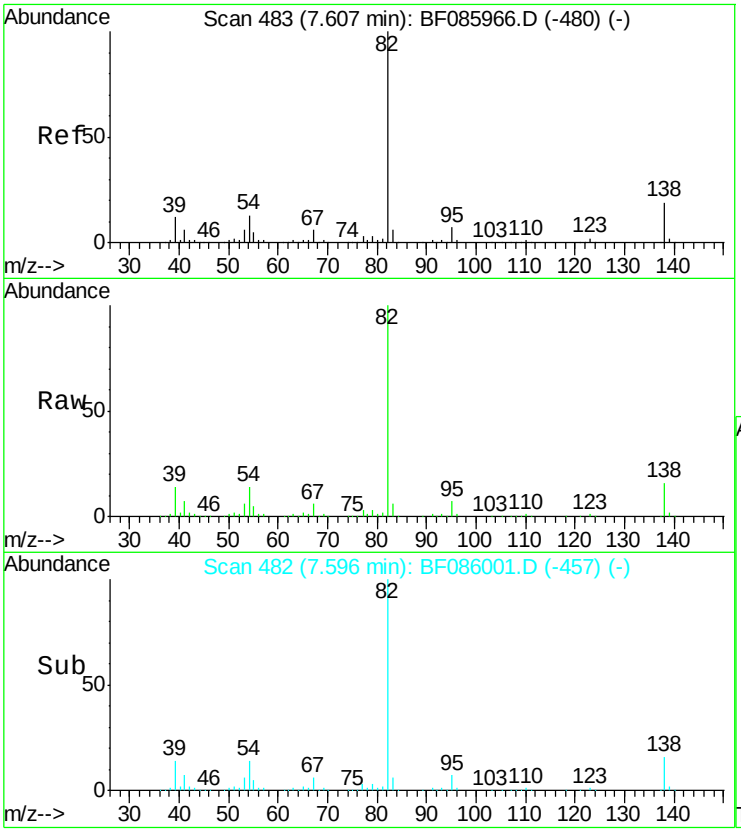




#24
Nitrobenzene
Concen: 35.10 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion: 77 Resp: 288336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.1 | 35.0 | 52.4 |
| 65 | 13.5 | 10.6 | 16.0 |



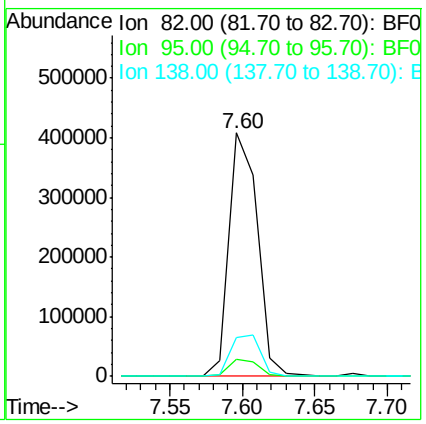


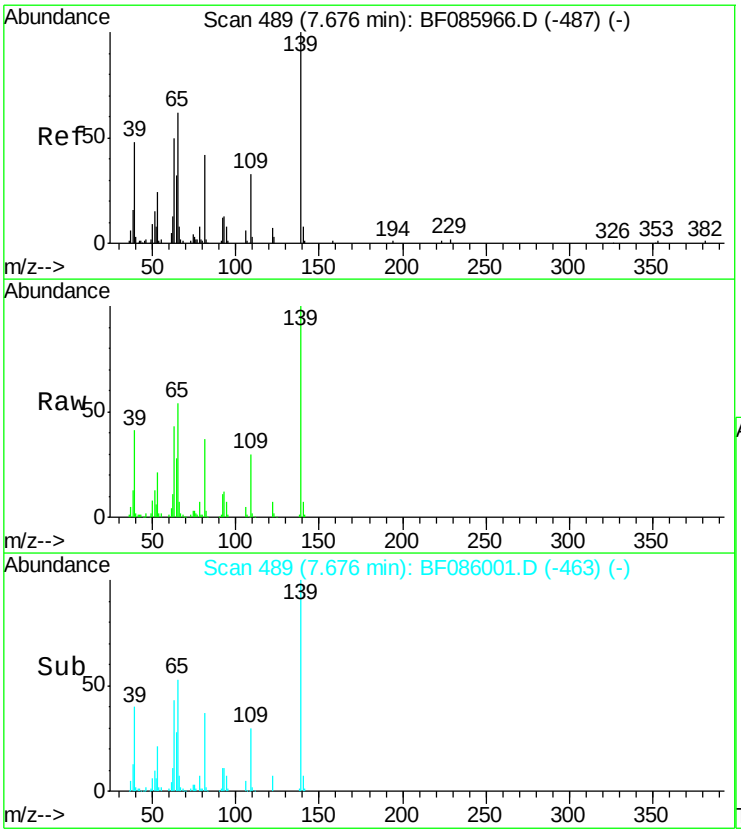

#25
Isophorone
Concen: 37.59 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion: 82 Resp: 557097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.4 | 8.2 |
| 138 | 16.2 | 12.9 | 19.3 |

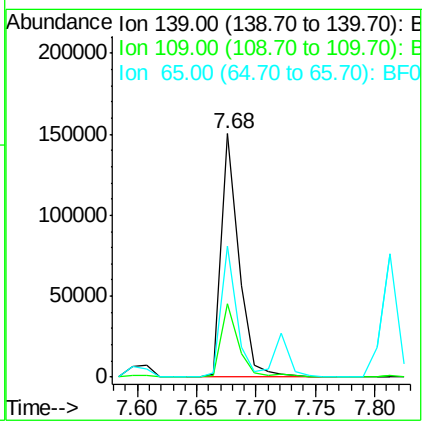


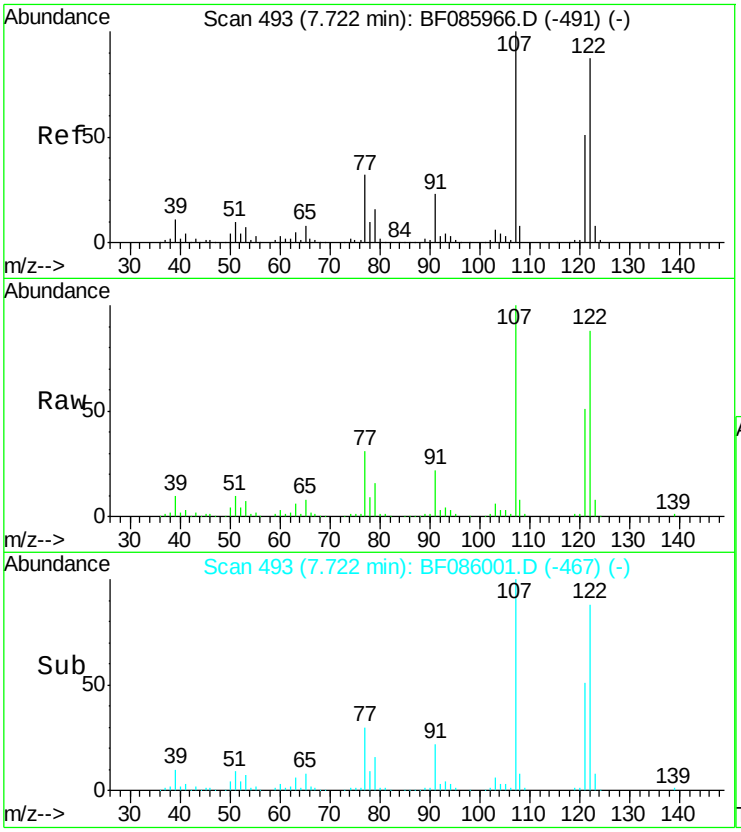




#26
2-Nitrophenol
Concen: 38.95 ng
RT: 7.68 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:139 Resp: 153076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.1 | 22.1 | 33.1 |
| 65 | 53.9 | 33.9 | 50.9# |



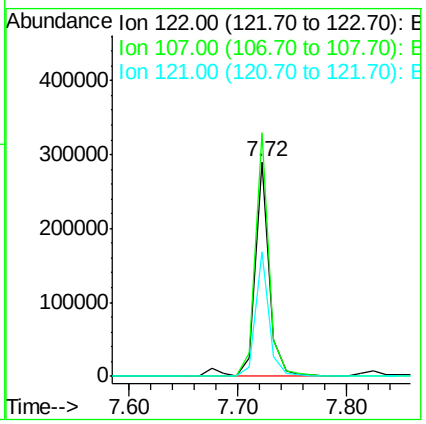


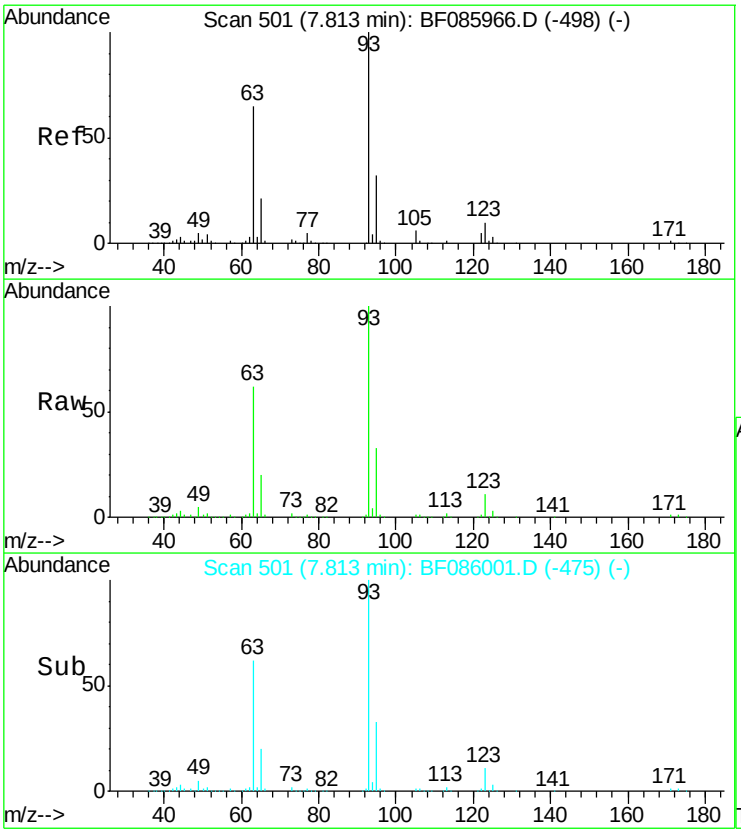

#27
2,4-Dimethylphenol
Concen: 38.00 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:122 Resp: 268194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.7 | 93.0 | 139.6 |
| 121 | 58.3 | 45.9 | 68.9 |

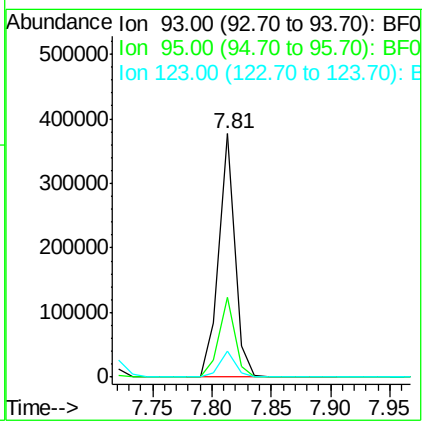


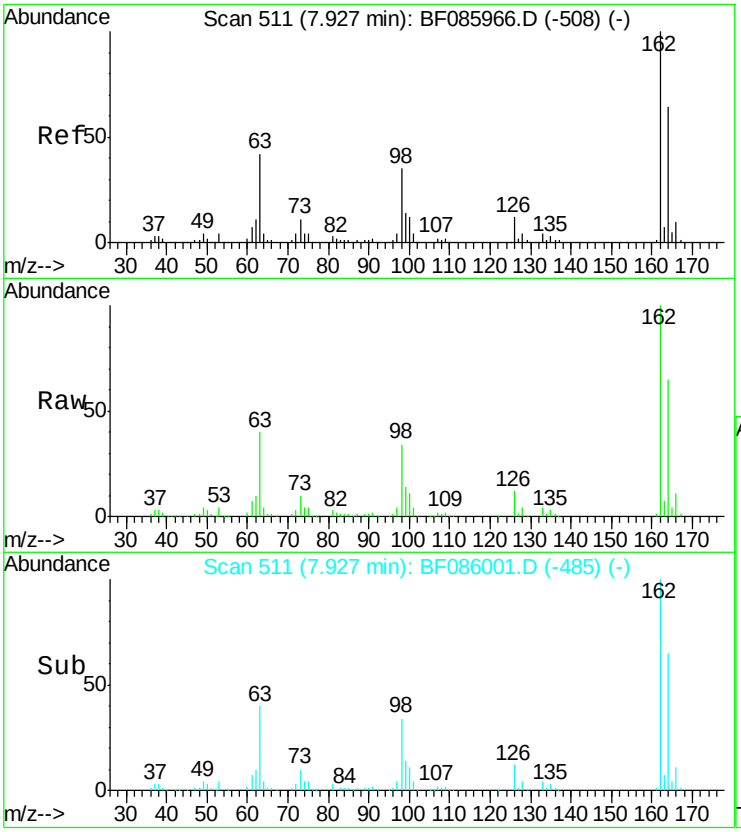




#28
bis(2-Chloroethoxy)methane
Concen: 40.50 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion: 93 Resp: 352136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.4 | 39.6 |
| 123 | 10.8 | 9.8 | 14.6 |



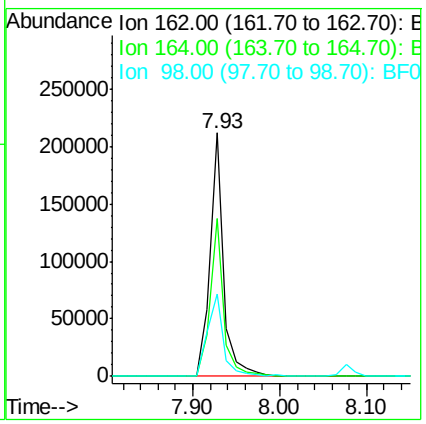


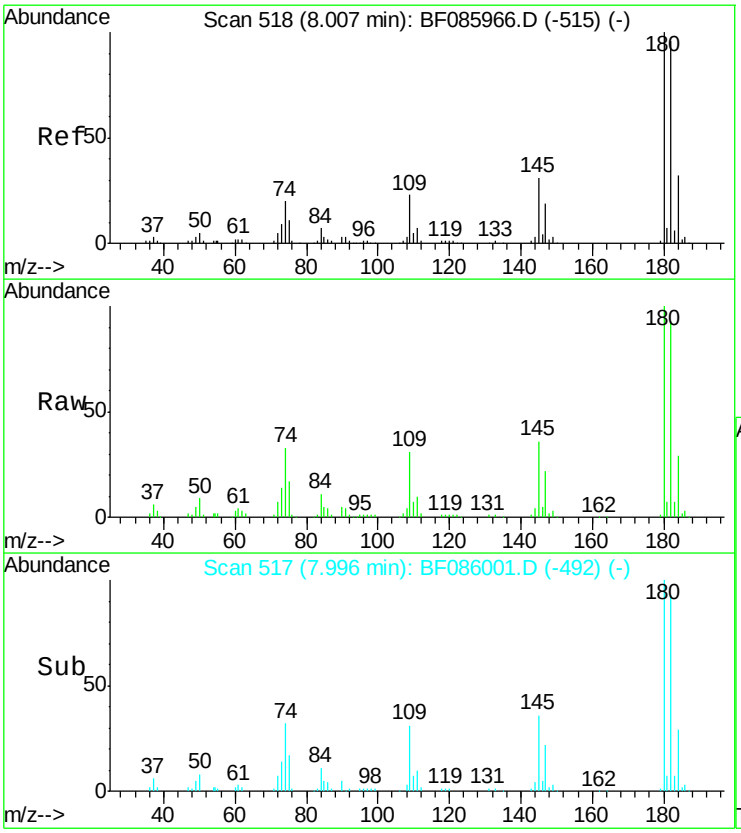

#29
2,4-Dichlorophenol
Concen: 38.92 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:162 Resp: 232261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.7 | 43.7 | 83.7 |
| 98 | 33.9 | 20.4 | 60.4 |

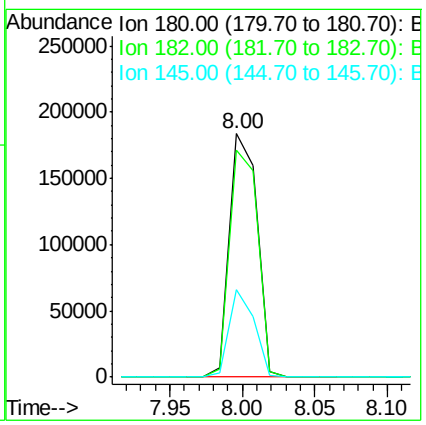


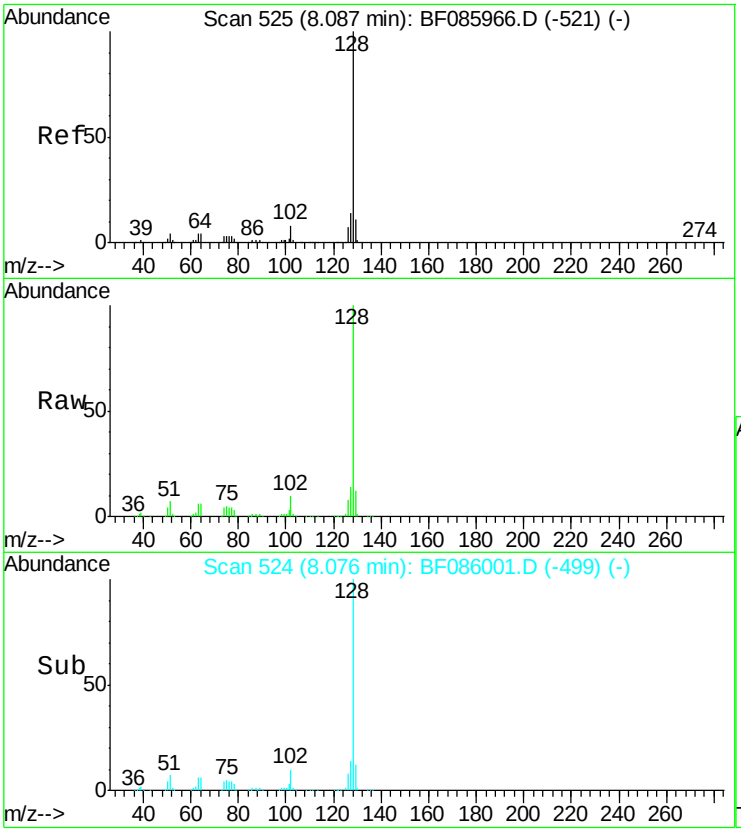




#30
1,2,4-Trichlorobenzene
Concen: 36.40 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:180 Resp: 243775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.2 | 73.8 | 110.8 |
| 145 | 36.1 | 28.4 | 42.6 |



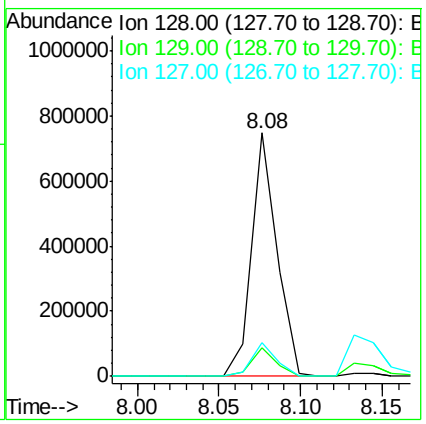


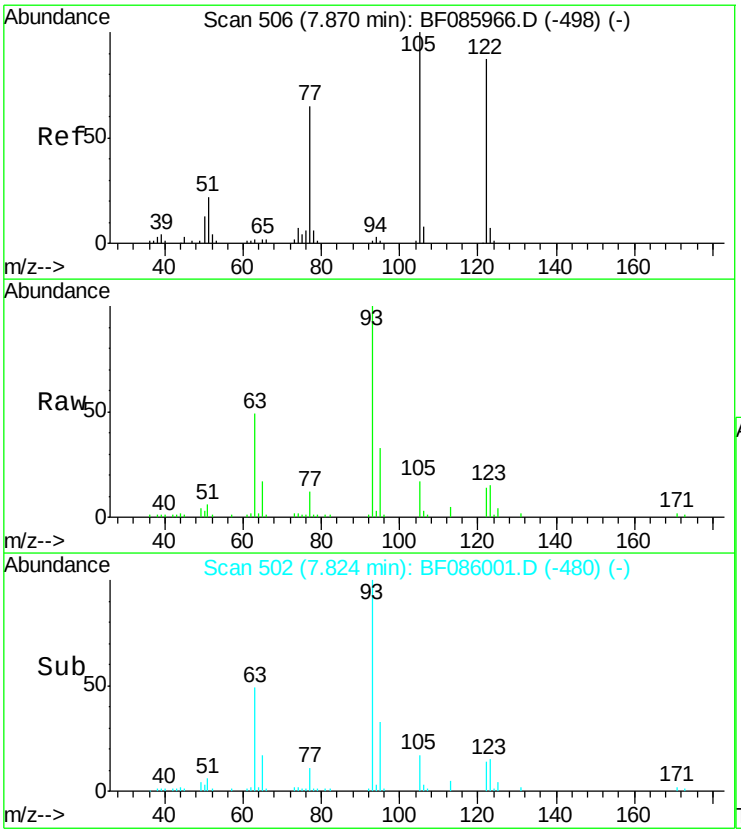

#31
Naphthalene
Concen: 36.30 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:128 Resp: 808409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.4 | 14.0 |
| 127 | 13.7 | 11.0 | 16.6 |

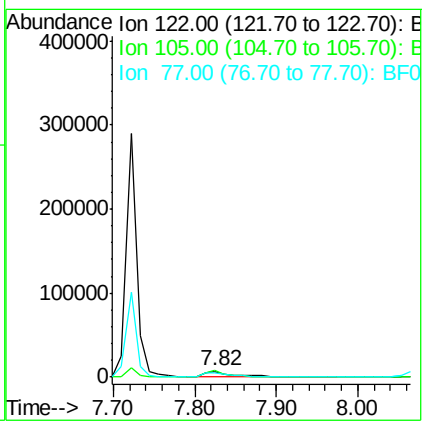


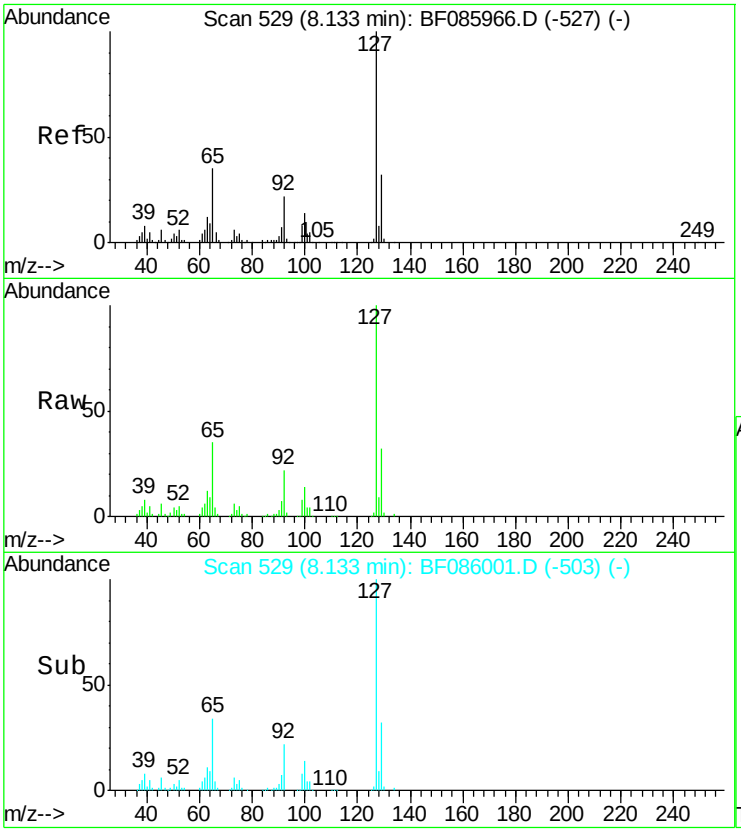




#32
Benzoic acid
Concen: 3.47 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:122 Resp: 17990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.1 | 102.9 | 142.9 |
| 77 | 84.3 | 71.8 | 111.8 |



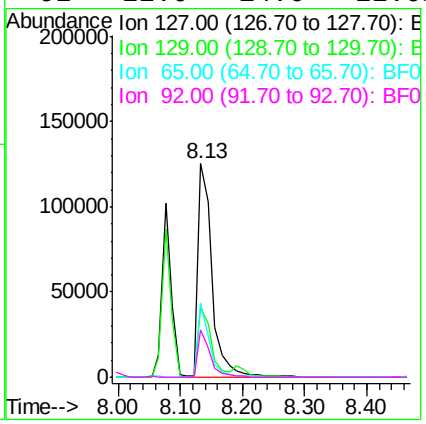


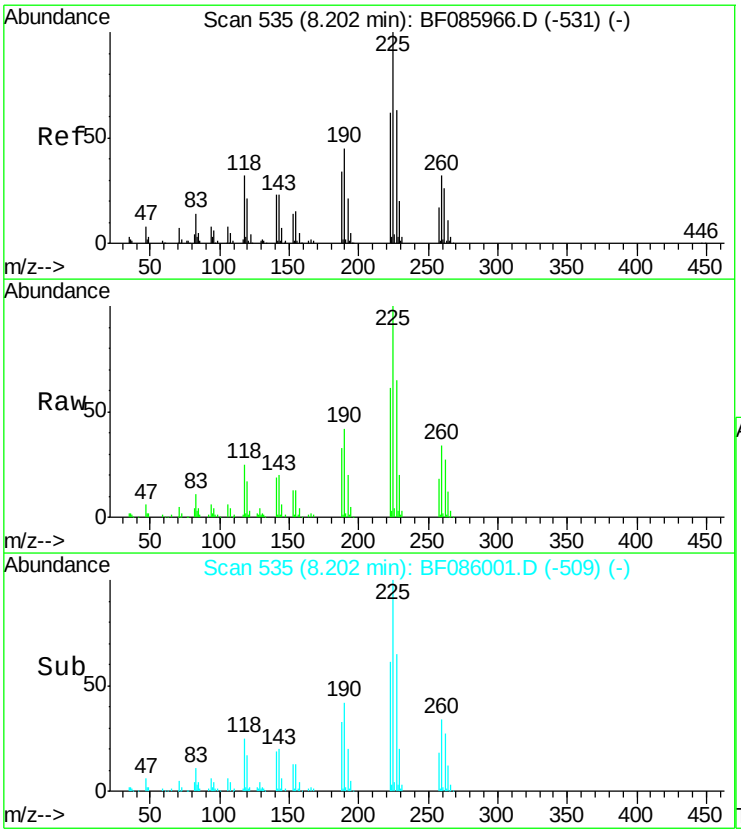

#33
4-Chloroaniline
Concen: 22.26 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:127 Resp: 200227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 26.1 | 39.1 |
| 65 | 34.8 | 19.5 | 29.3# |
| 92 | 22.0 | 14.6 | 22.0# |

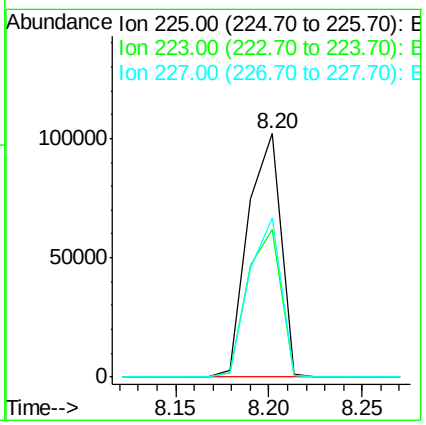


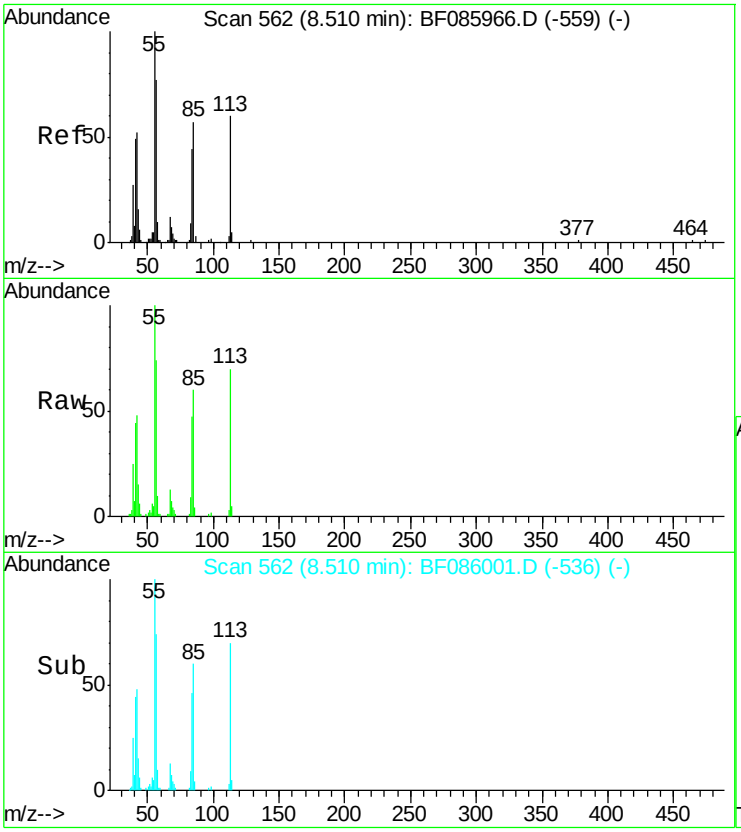




#34
Hexachlorobutadiene
Concen: 34.48 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:225 Resp: 124149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.8 | 50.4 | 75.6 |
| 227 | 65.4 | 51.4 | 77.2 |



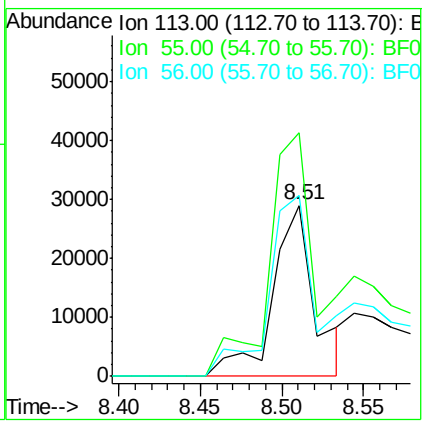


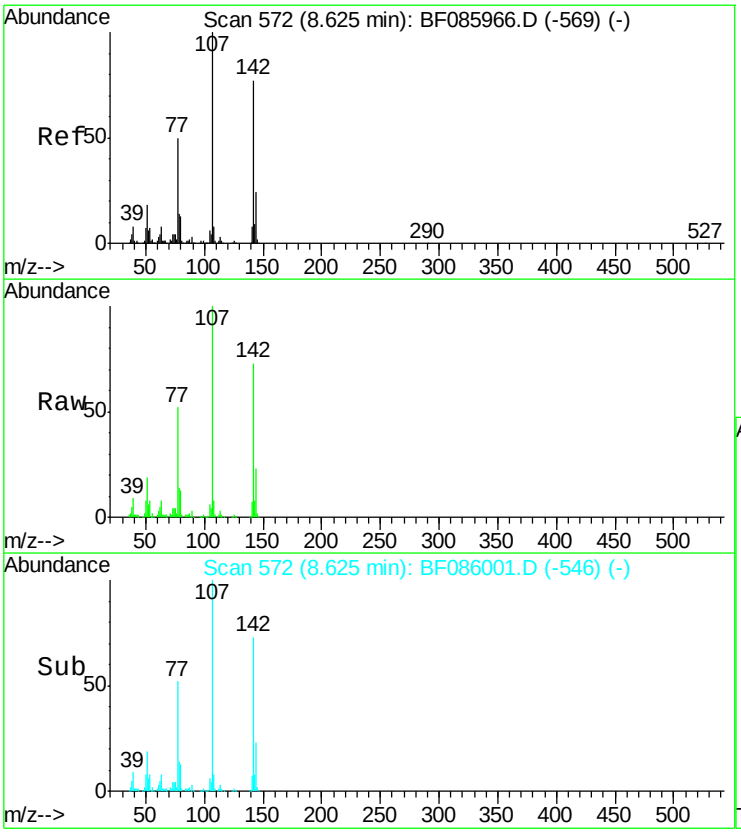

#35
Caprolactam
Concen: 27.38 ng
RT: 8.51 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:113 Resp: 51837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 142.3 | 139.4 | 179.4 |
| 56 | 105.8 | 100.4 | 140.4 |

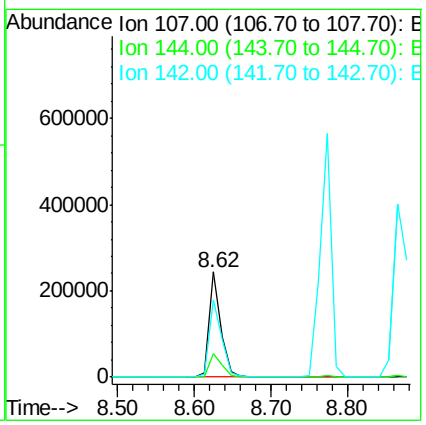


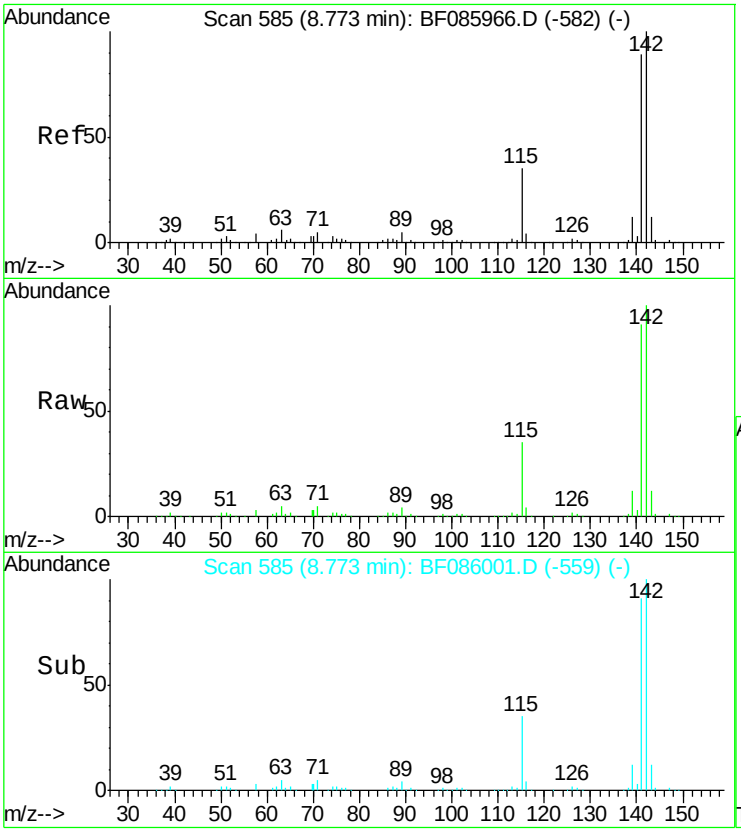




#36
4-Chloro-3-methylphenol
Concen: 38.14 ng
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:107 Resp: 255845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.8 | 19.3 | 28.9 |
| 142 | 73.1 | 61.4 | 92.0 |



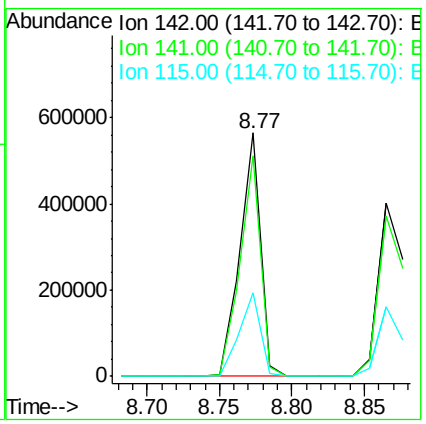


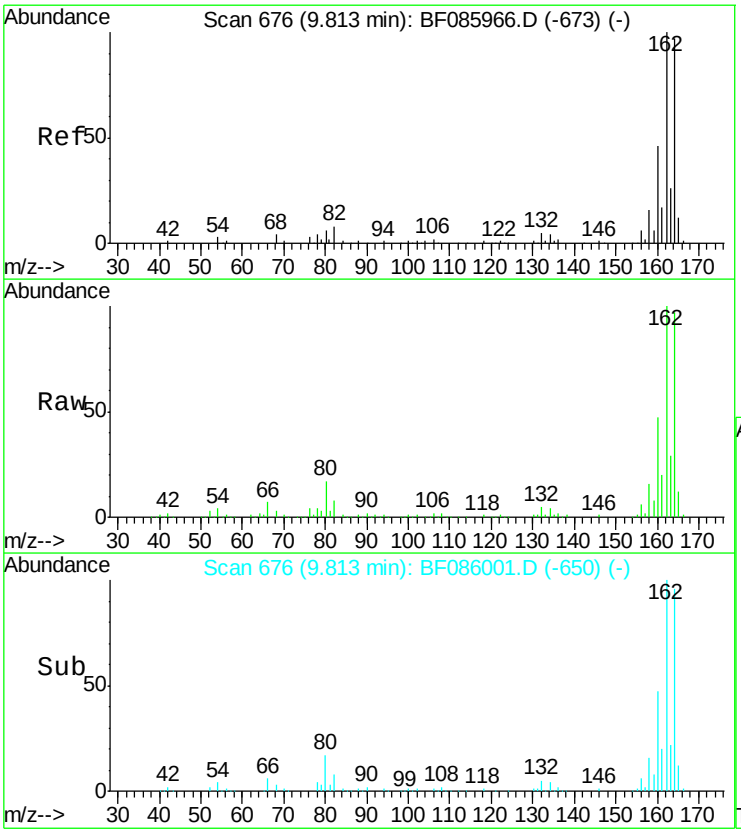

#37
2-Methylnaphthalene
Concen: 38.46 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:142 Resp: 559575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.9 | 71.6 | 107.4 |
| 115 | 34.6 | 26.8 | 40.2 |

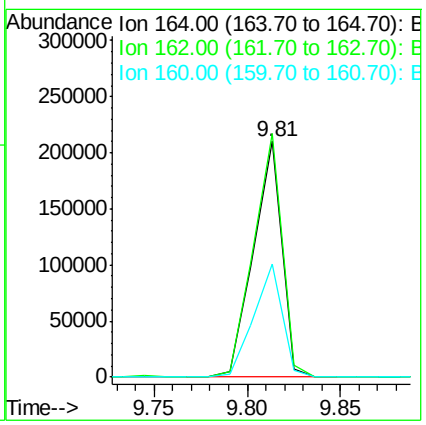


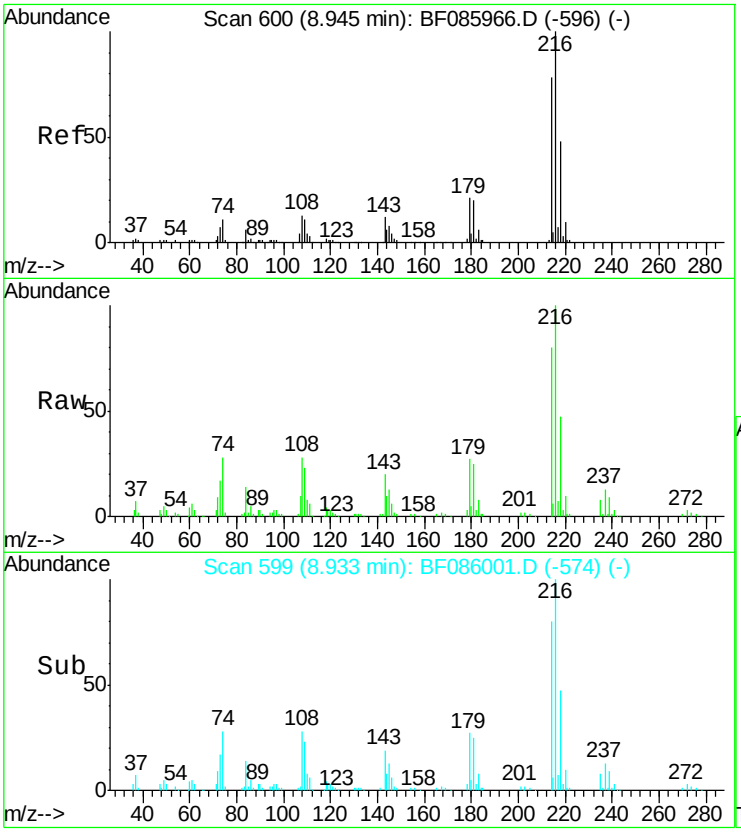




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:164 Resp: 220244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.3 | 82.1 | 123.1 |
| 160 | 48.1 | 37.4 | 56.2 |



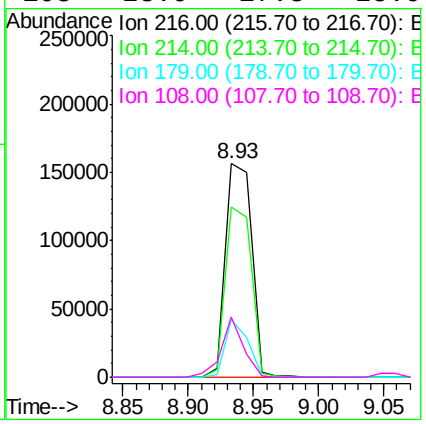


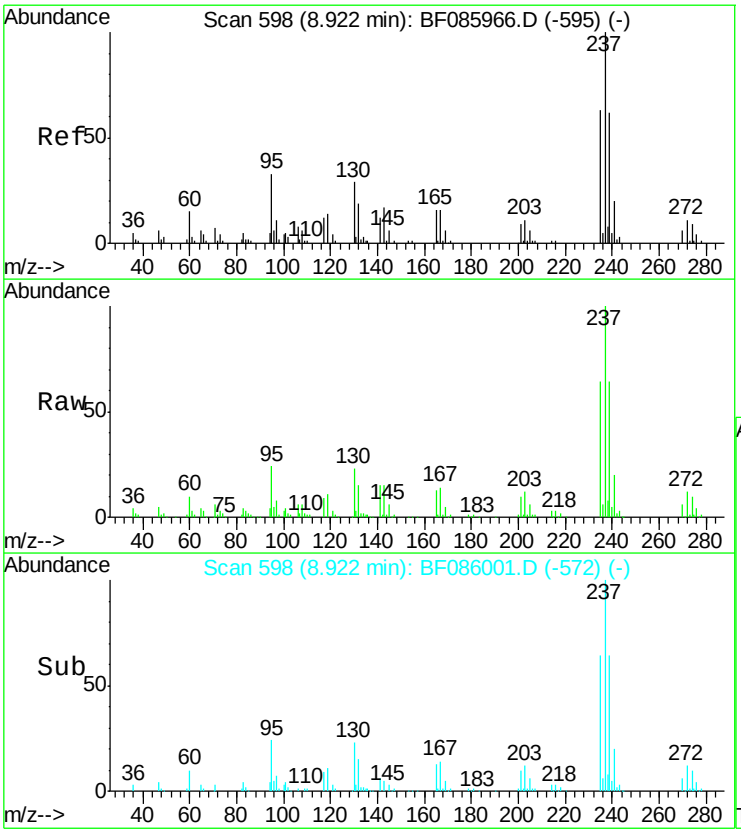

#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.93 ng
RT: 8.93 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:216 Resp: 217979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.9 | 63.1 | 94.7 |
| 179 | 23.1 | 18.2 | 27.2 |
| 108 | 23.9 | 17.3 | 25.9 |

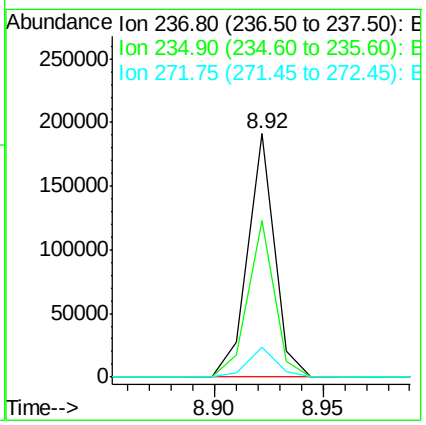


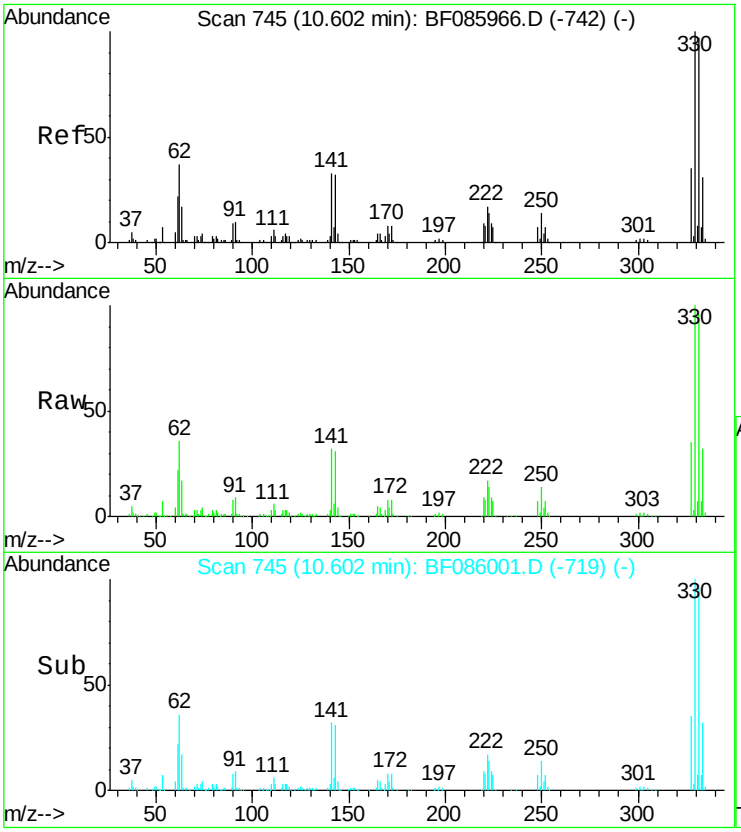




#40
Hexachlorocyclopentadiene
Concen: 71.58 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:237 Resp: 164002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.5 | 43.7 | 83.7 |
| 272 | 12.0 | 0.0 | 31.9 |



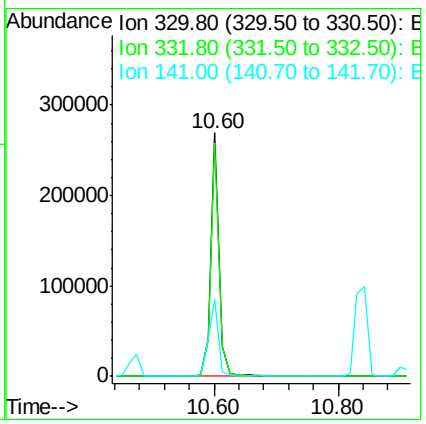


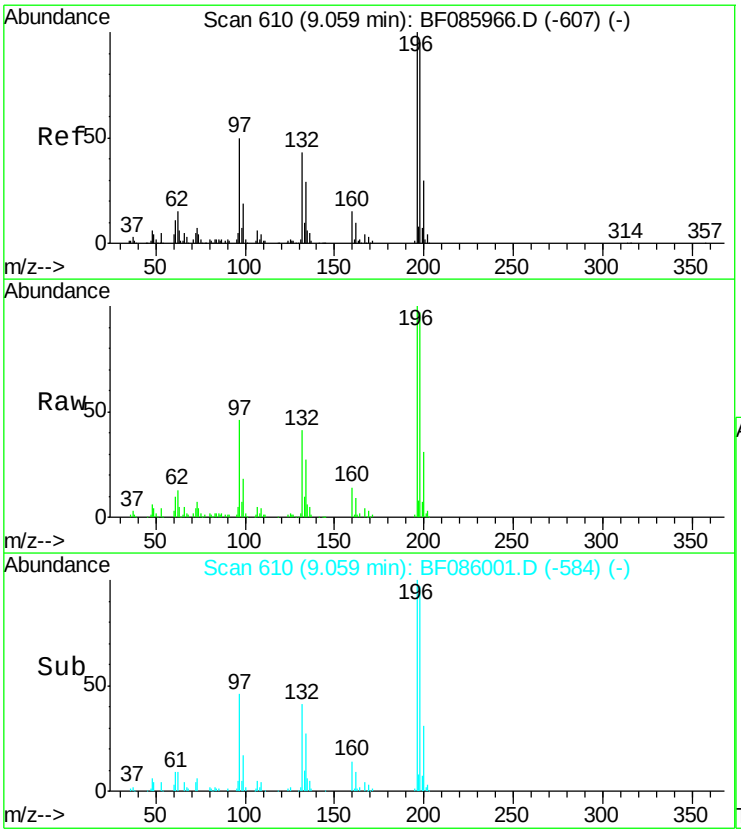

#41
2,4,6-Tribromophenol
Concen: 118.90 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:330 Resp: 245798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.8 | 78.2 | 117.2 |
| 141 | 38.5 | 31.5 | 47.3 |

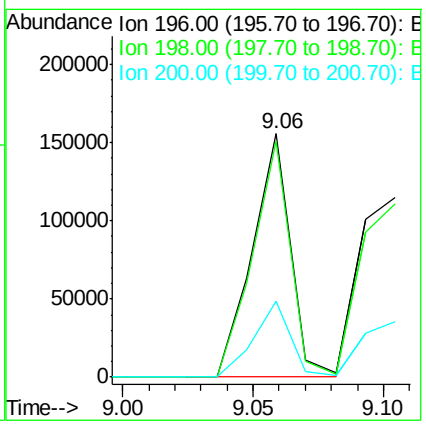


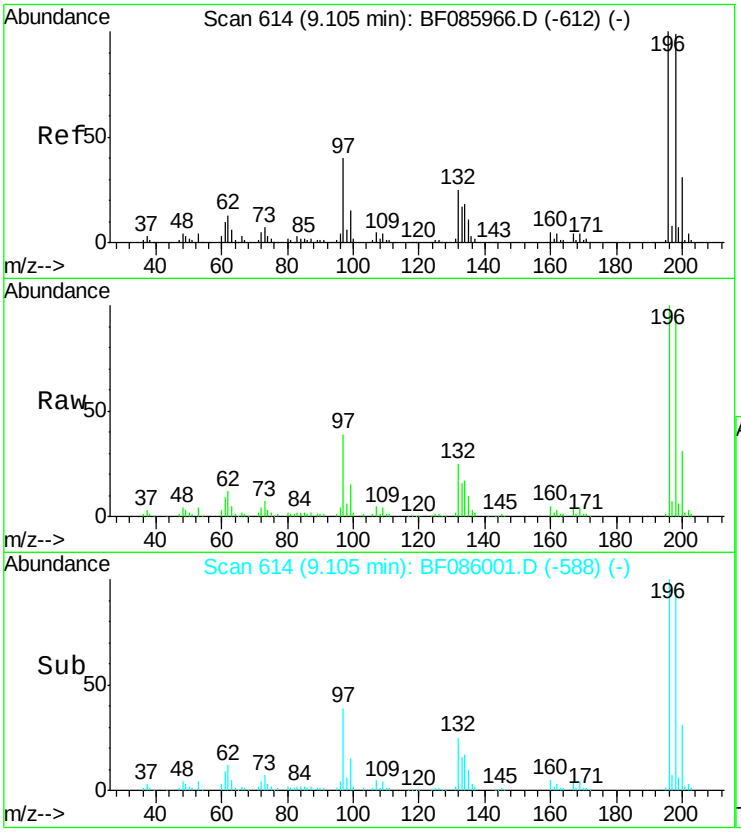




#42
2,4,6-Trichlorophenol
Concen: 37.55 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:196 Resp: 159613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.8 | 75.3 | 112.9 |
| 200 | 31.4 | 23.7 | 35.5 |



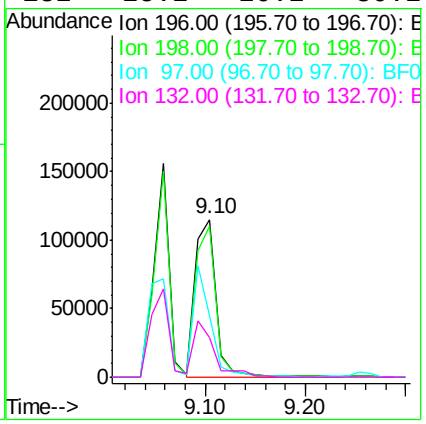


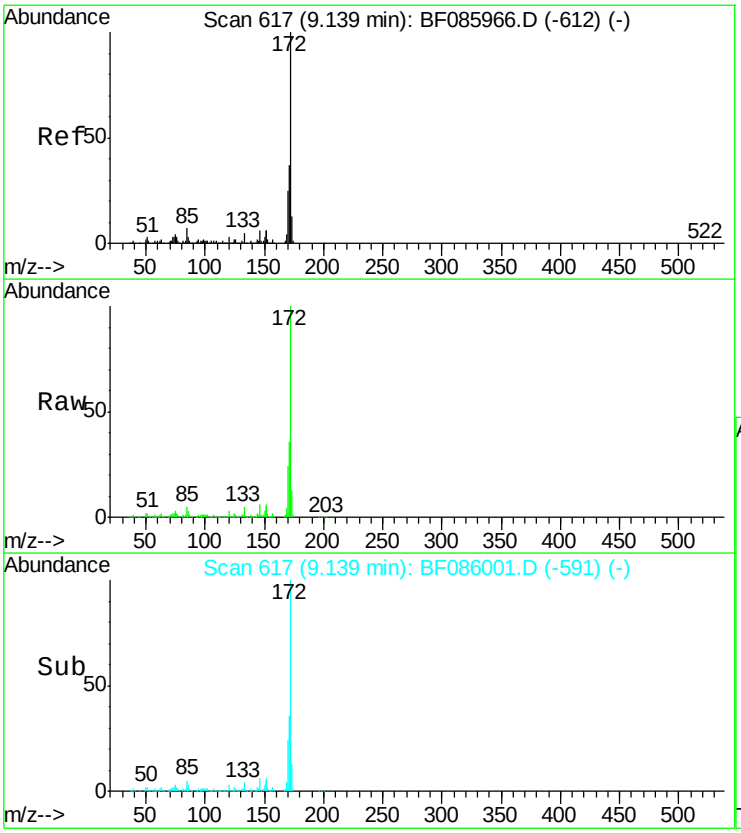

#43
2,4,5-Trichlorophenol
Concen: 38.62 ng
RT: 9.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:196 Resp: 166682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.0 | 76.6 | 114.8 |
| 97 | 39.3 | 30.5 | 45.7 |
| 132 | 25.2 | 20.2 | 30.2 |

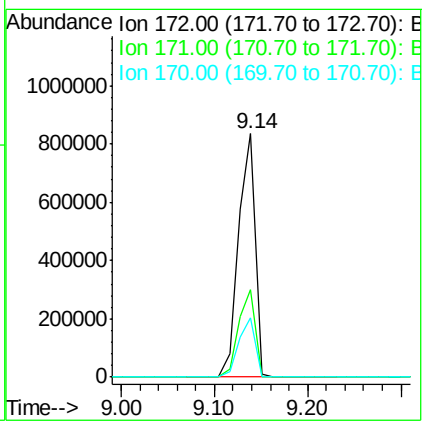


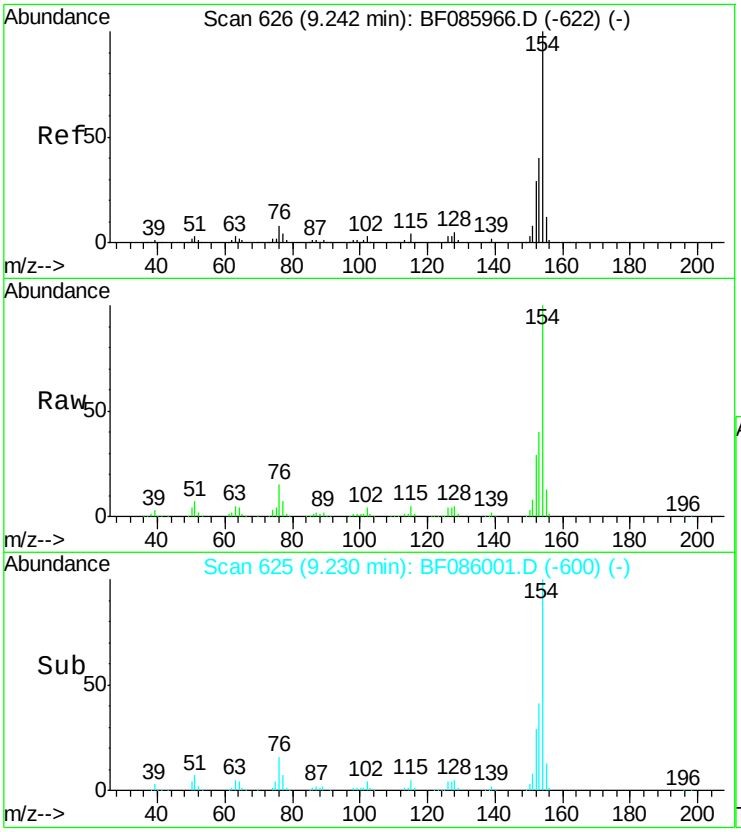




#44
2-Fluorobiphenyl
Concen: 77.93 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:172 Resp: 1032252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 29.4 | 44.2 |
| 170 | 24.2 | 19.8 | 29.6 |



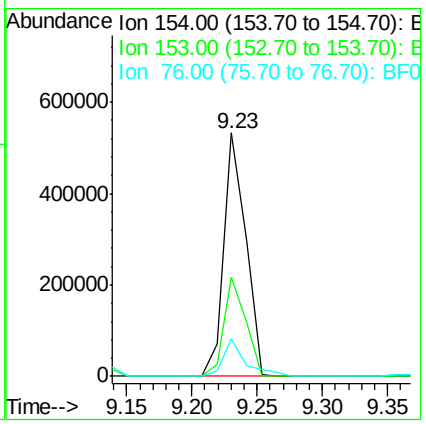


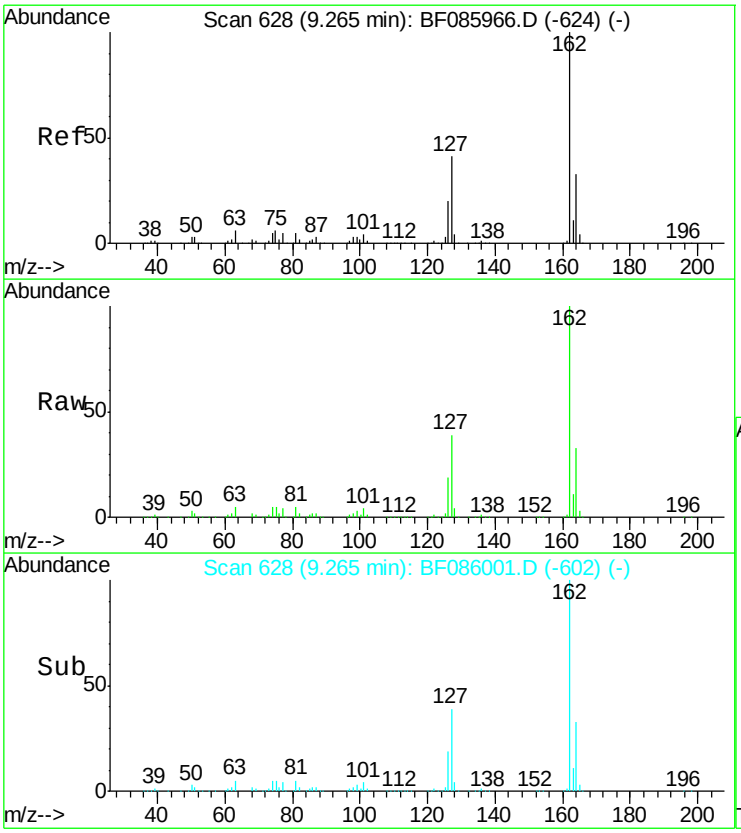

#45
1,1'-Biphenyl
Concen: 32.83 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:154 Resp: 623501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.8 | 60.8 |
| 76 | 15.5 | 0.0 | 36.7 |

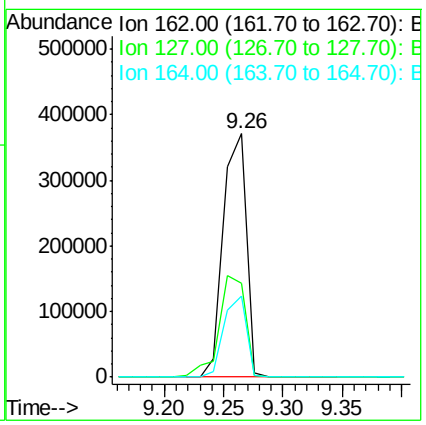


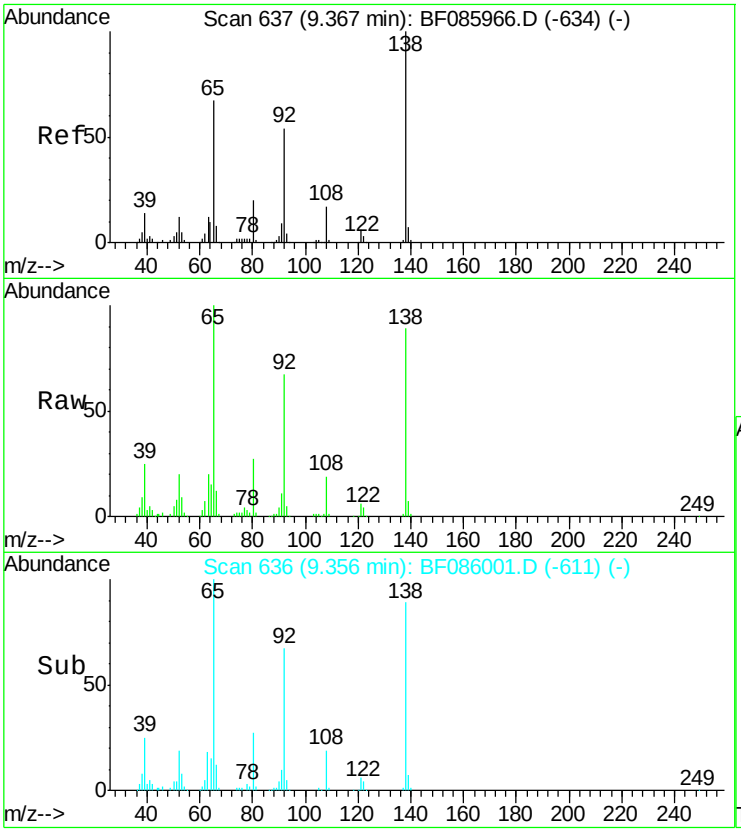




#46
2-Chloronaphthalene
Concen: 36.31 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:162 Resp: 499868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.6 | 31.7 | 47.5 |
| 164 | 33.4 | 27.3 | 40.9 |



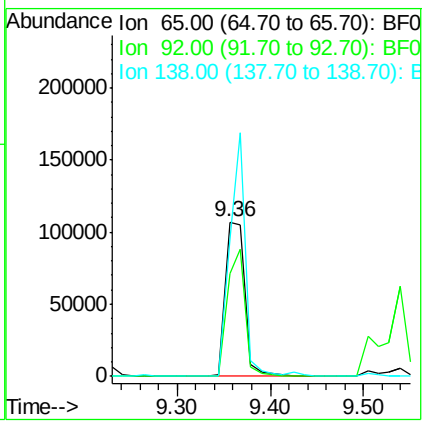


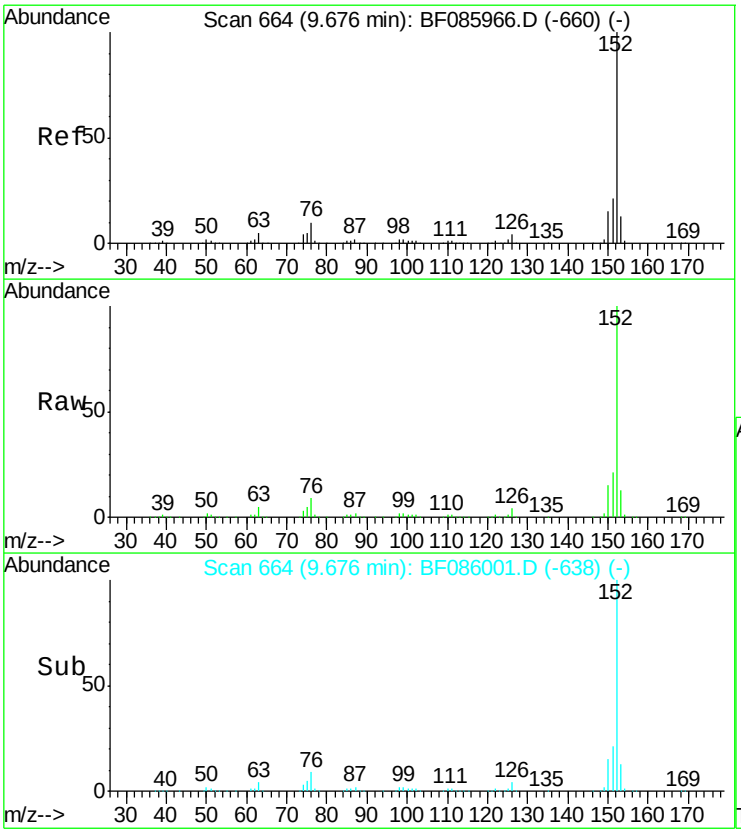

#47
2-Nitroaniline
Concen: 38.93 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion: 65 Resp: 156795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.6 | 59.7 | 89.5 |
| 138 | 88.8 | 91.4 | 137.0# |

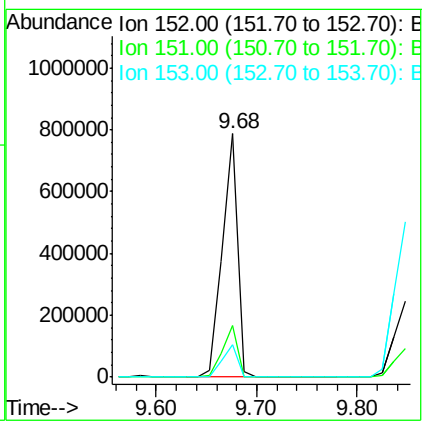


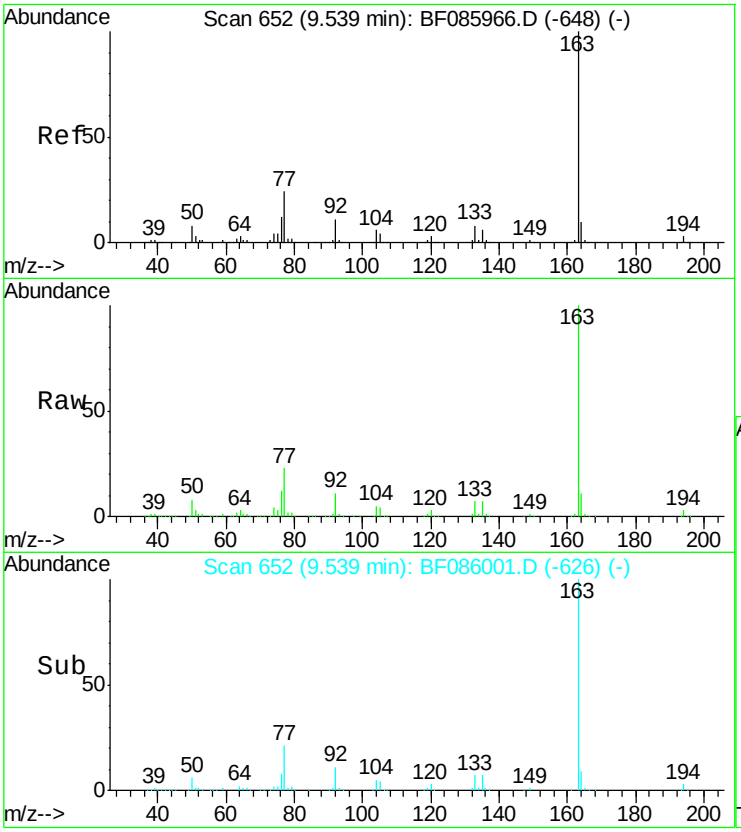




#48
Acenaphthylene
Concen: 37.52 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:152 Resp: 827375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.0 | 16.8 | 25.2 |
| 153 | 13.2 | 10.9 | 16.3 |



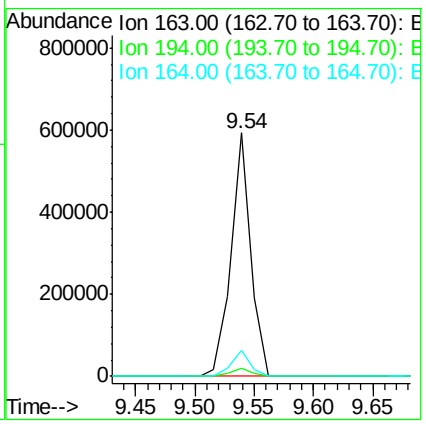


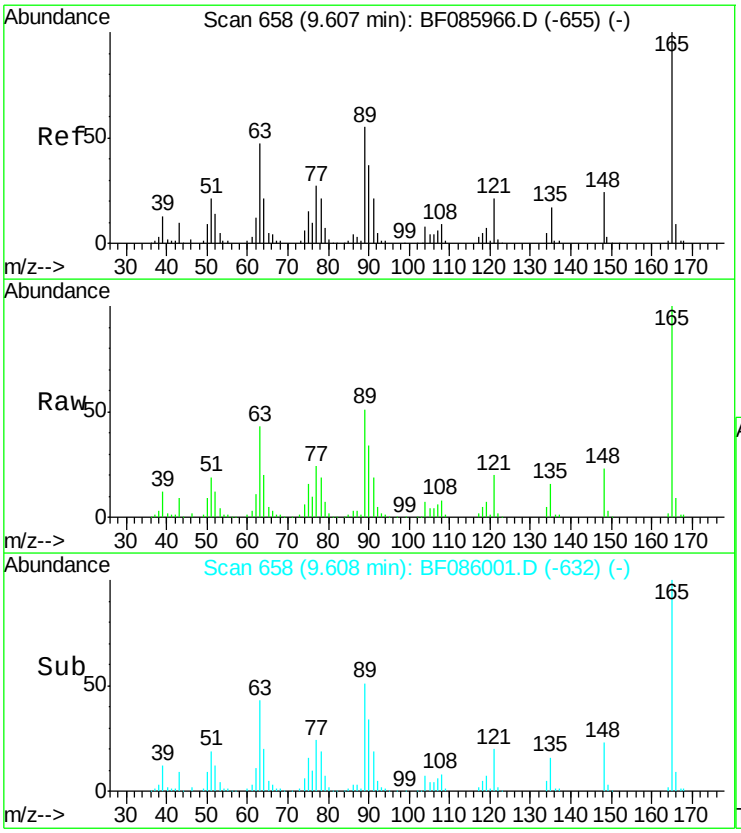

#49
Dimethylphthalate
Concen: 41.92 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:163 Resp: 684314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.9 | 4.3 |
| 164 | 10.6 | 8.3 | 12.5 |

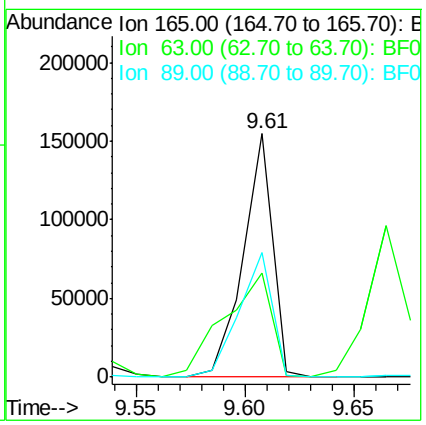


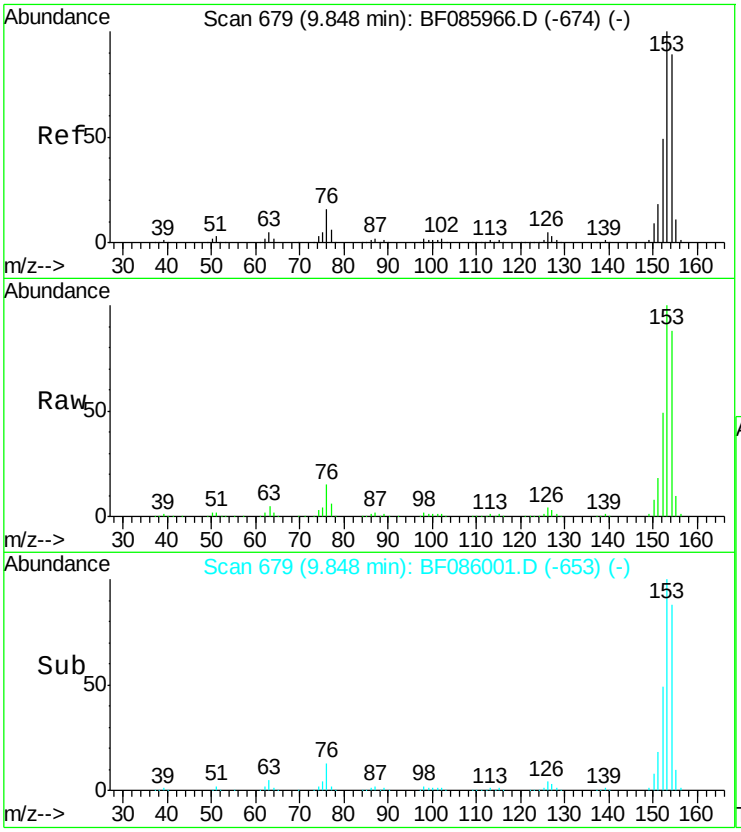




#50
2,6-Dinitrotoluene
Concen: 42.13 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:165 Resp: 145497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.8 | 51.8 | 77.8# |
| 89 | 51.0 | 53.7 | 80.5# |



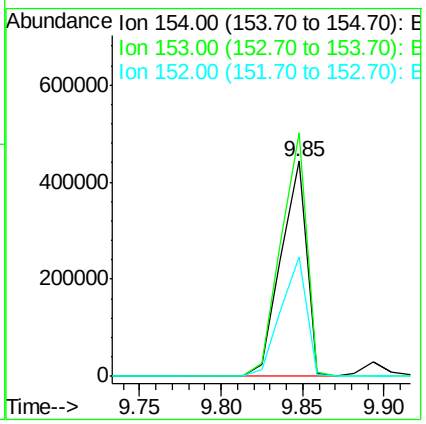


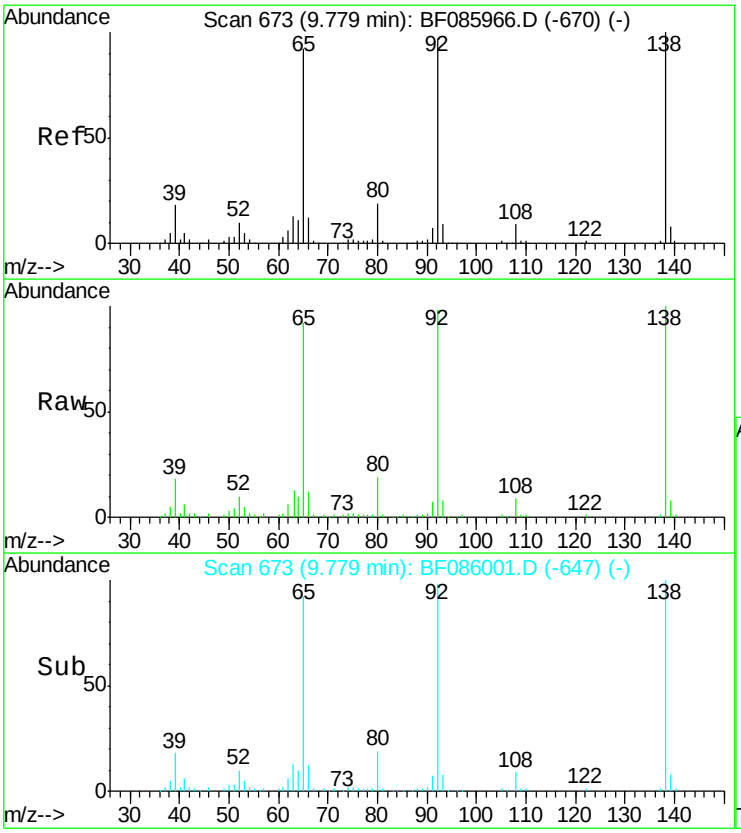

#51
Acenaphthene
Concen: 37.36 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:154 Resp: 490004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.3 | 90.1 | 135.1 |
| 152 | 55.3 | 44.2 | 66.2 |

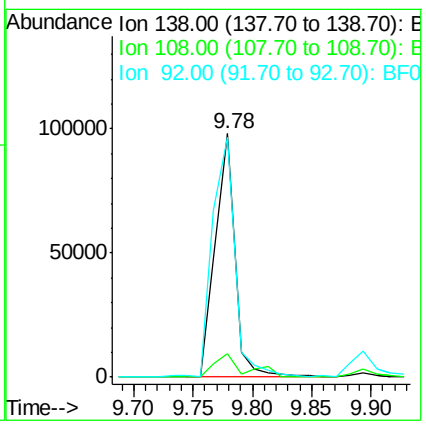


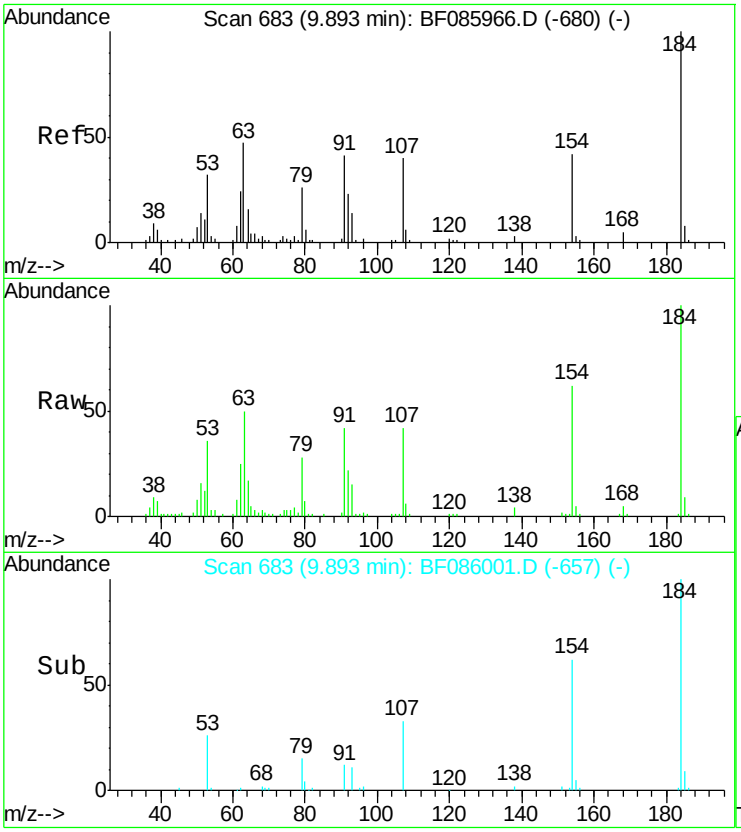




#52
3-Nitroaniline
Concen: 27.02 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:138 Resp: 112458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.5 | 8.7 | 13.1 |
| 92 | 98.3 | 93.3 | 139.9 |



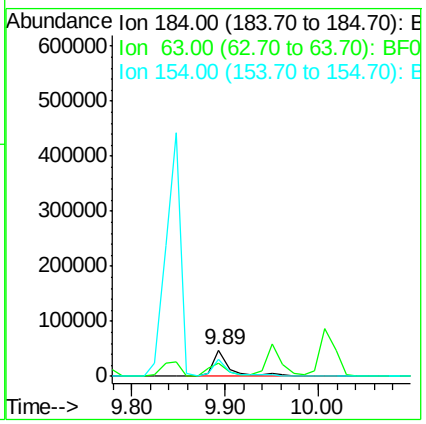


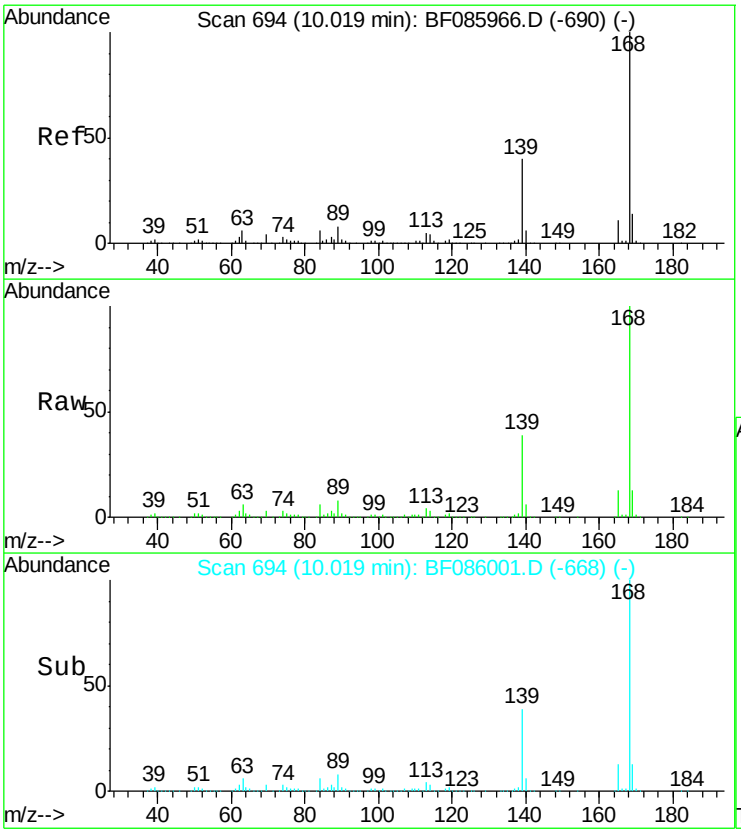

#53
2,4-Dinitrophenol
Concen: 37.39 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:184 Resp: 62354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 50.0 | 69.5 | 104.3# |
| 154 | 62.1 | 58.3 | 87.5 |

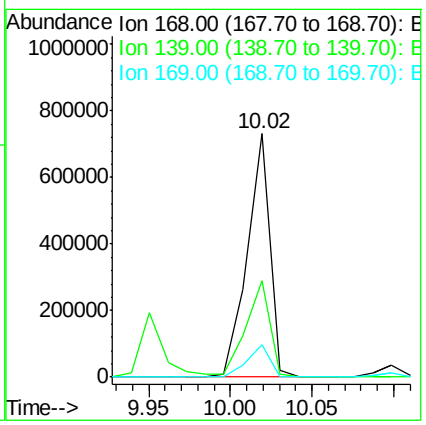


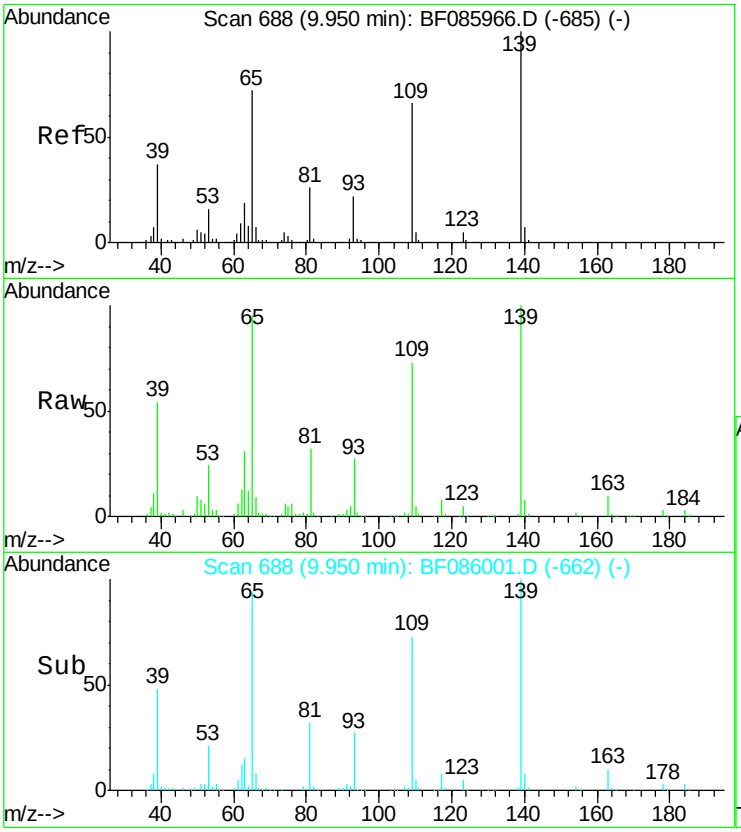




#54
Dibenzofuran
Concen: 40.67 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:168 Resp: 704339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.4 | 31.9 | 47.9 |
| 169 | 13.5 | 11.0 | 16.6 |



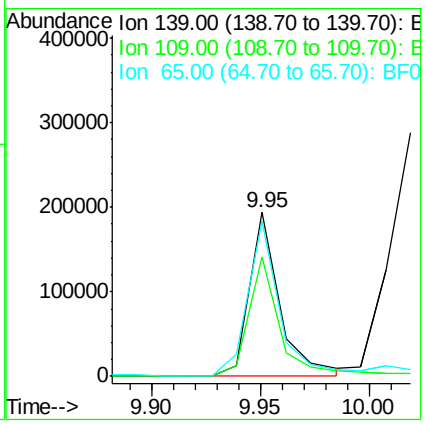


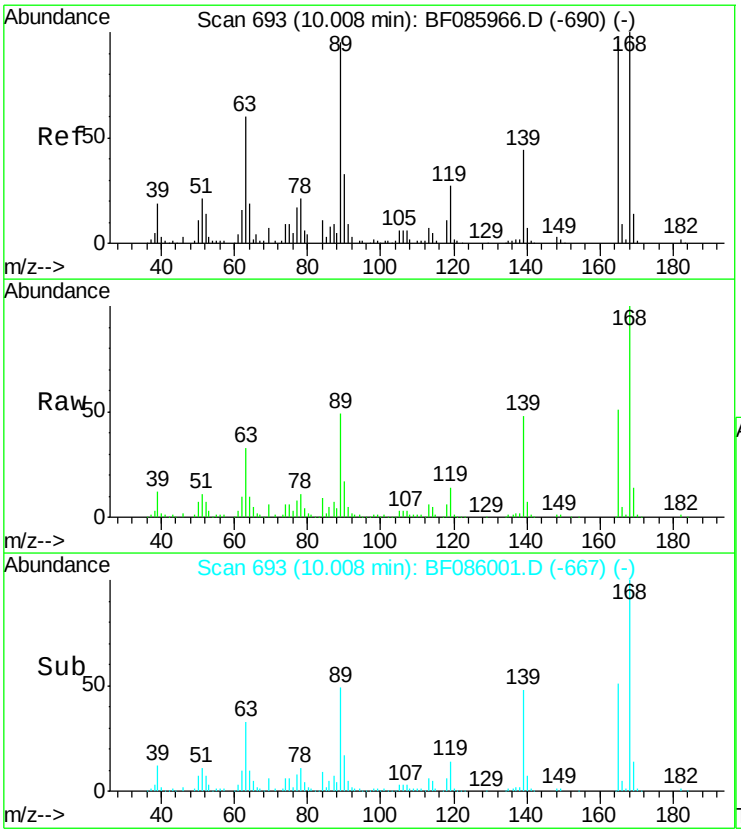

#55
4-Nitrophenol
Concen: 76.68 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:139 Resp: 188177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 73.0 | 49.2 | 89.2 |
| 65 | 95.0 | 66.9 | 106.9 |

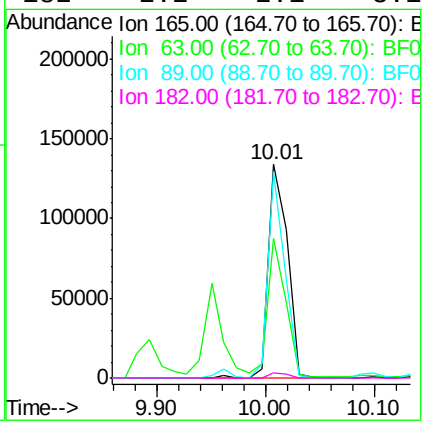


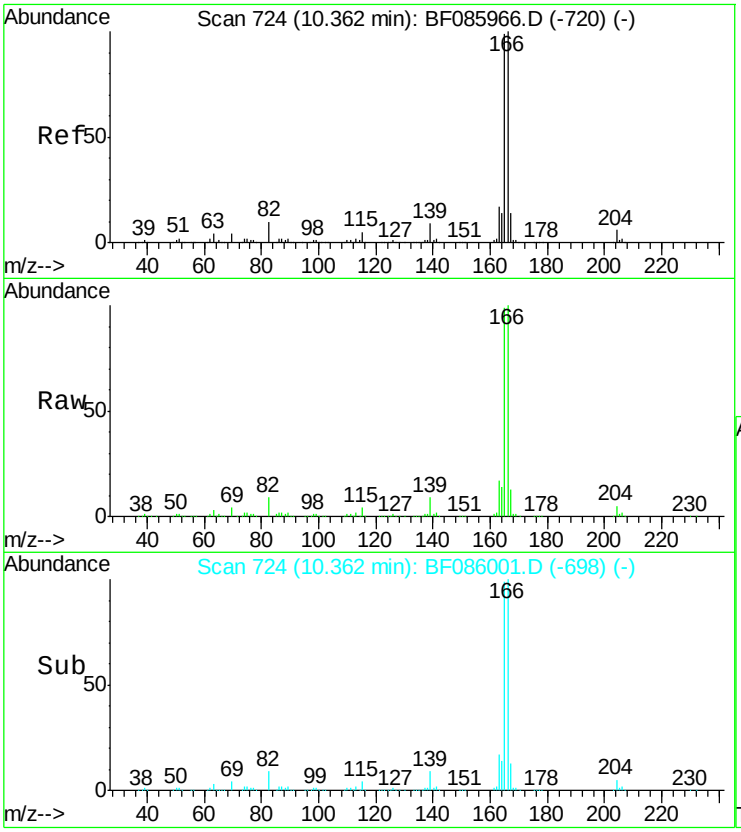




#56
2,4-Dinitrotoluene
Concen: 37.36 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:165 Resp: 163041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 65.4 | 24.9 | 37.3# |
| 89 | 96.6 | 41.0 | 61.6# |
| 182 | 2.2 | 2.1 | 3.1 |



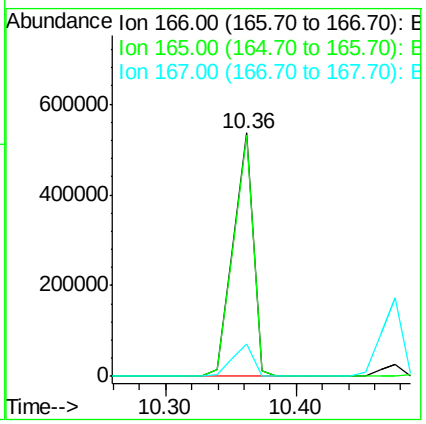


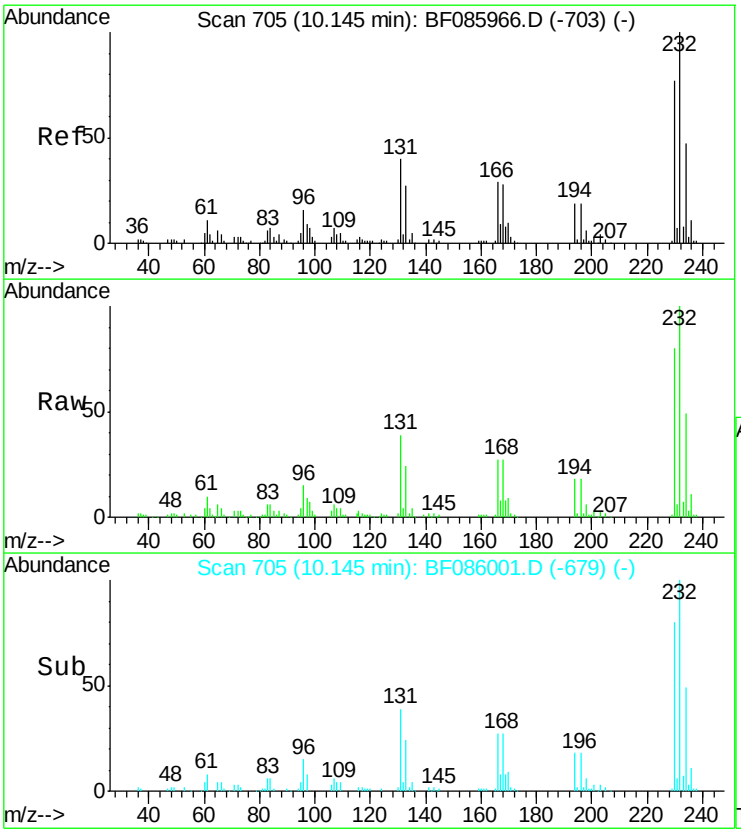

#57
Fluorene
Concen: 38.29 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:166 Resp: 566471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.9 | 79.4 | 119.0 |
| 167 | 13.2 | 11.0 | 16.4 |

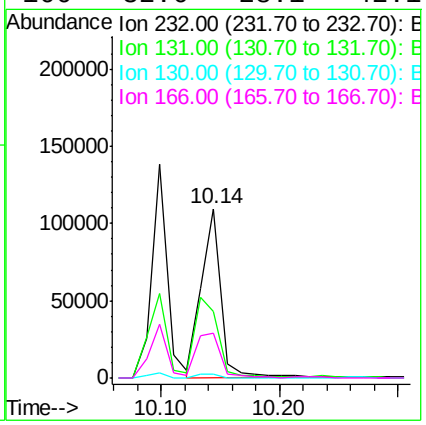


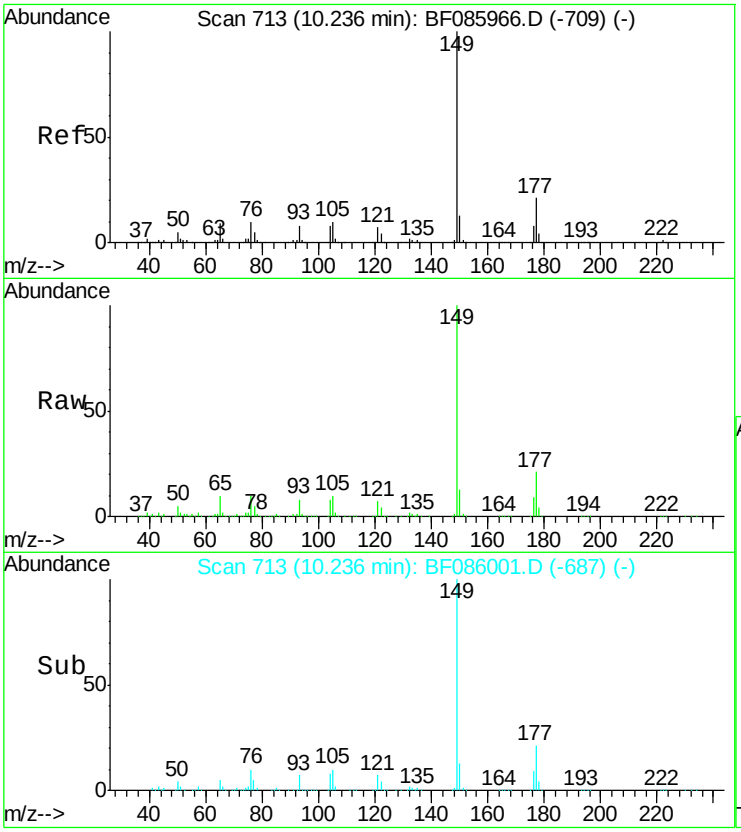




#58
2,3,4,6-Tetrachlorophenol
Concen: 39.33 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:232 Resp: 126385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 56.1 | 44.9 | 67.3 |
| 130 | 2.6 | 2.3 | 3.5 |
| 166 | 32.6 | 28.1 | 42.1 |



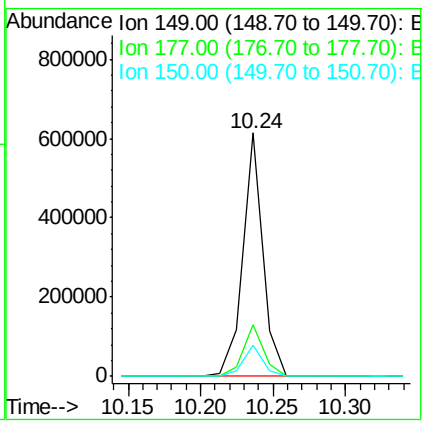


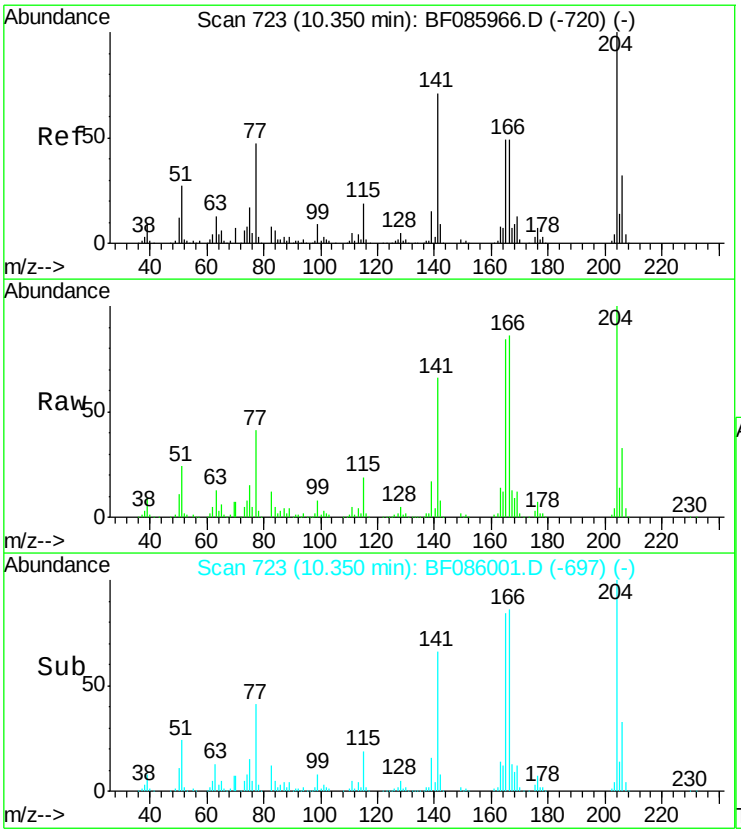

#59
Diethylphthalate
Concen: 35.59 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:149 Resp: 586440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.1 | 17.9 | 26.9 |
| 150 | 12.8 | 10.2 | 15.2 |

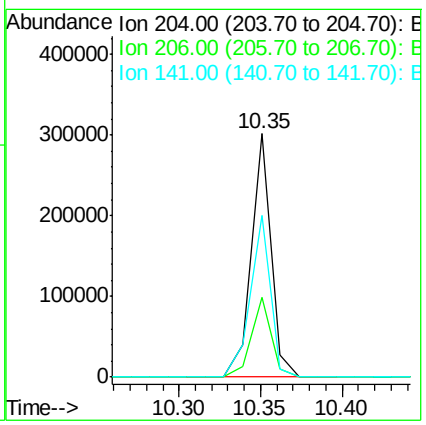


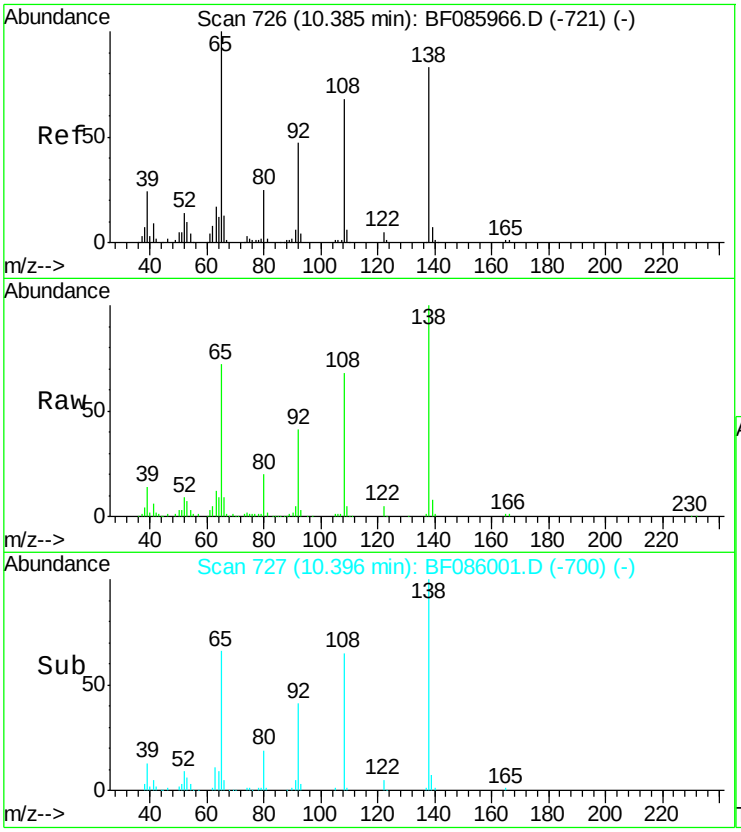




#60
4-Chlorophenyl-phenylether
Concen: 36.97 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:204 Resp: 254822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.6 | 26.6 | 39.8 |
| 141 | 66.3 | 57.4 | 86.0 |



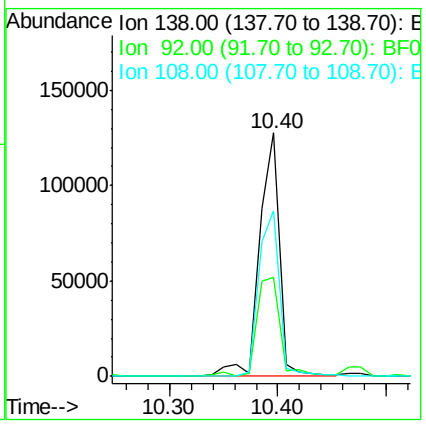


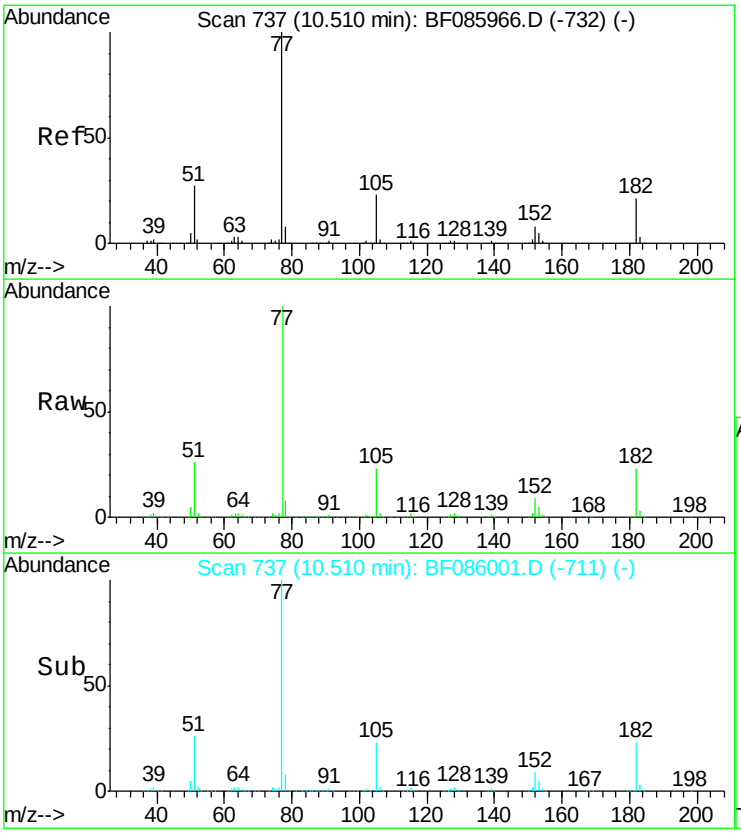

#61
4-Nitroaniline
Concen: 40.29 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:138 Resp: 165181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 40.8 | 26.4 | 66.4 |
| 108 | 67.8 | 49.0 | 89.0 |

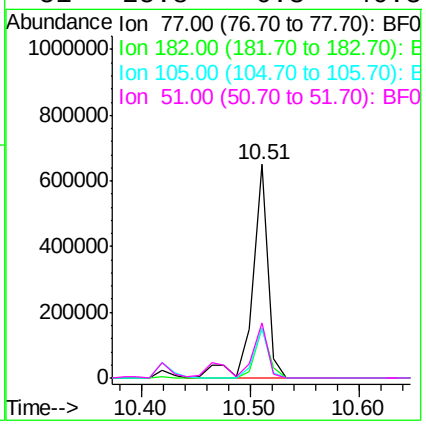


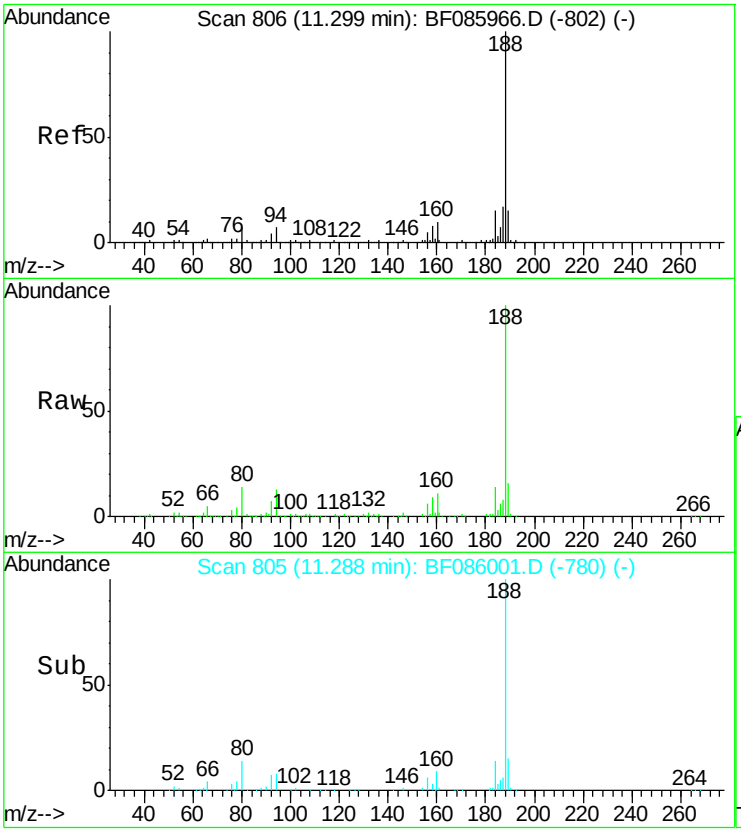




#62
Azobenzene
Concen: 41.22 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion: 77 Resp: 650489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.5 | 1.9 | 41.9 |
| 105 | 23.5 | 3.5 | 43.5 |
| 51 | 25.8 | 6.3 | 46.3 |



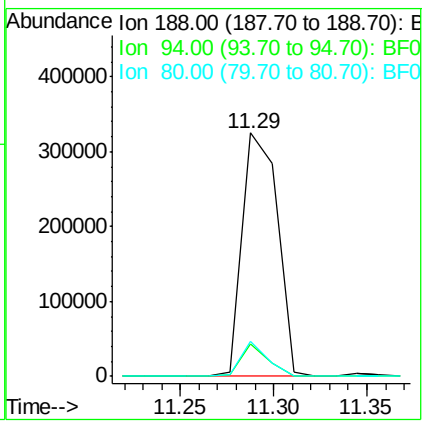


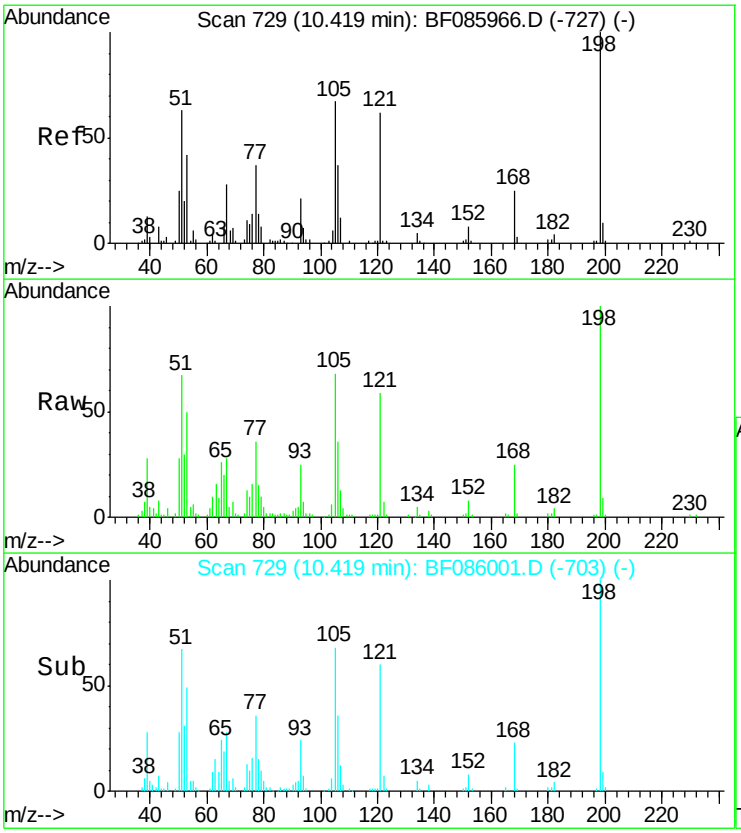

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:188 Resp: 427011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.3 | 5.4 | 8.0# |
| 80 | 14.3 | 5.5 | 8.3# |

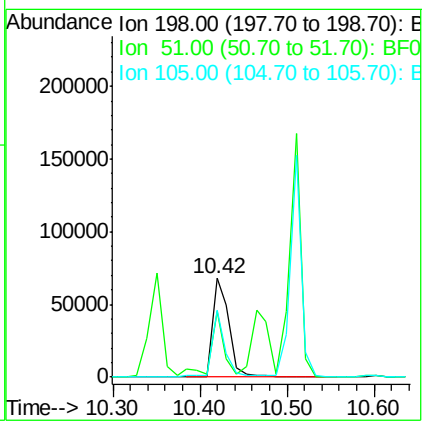


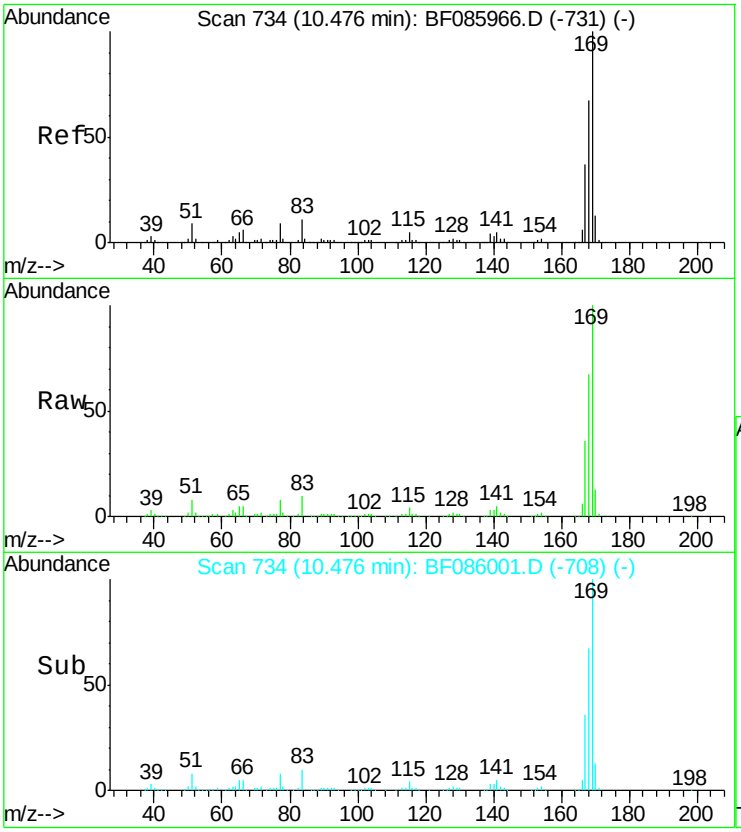




#64
4,6-Dinitro-2-methylphenol
Concen: 34.62 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:198 Resp: 89585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 66.6 | 45.4 | 85.4 |
| 105 | 67.8 | 45.9 | 85.9 |



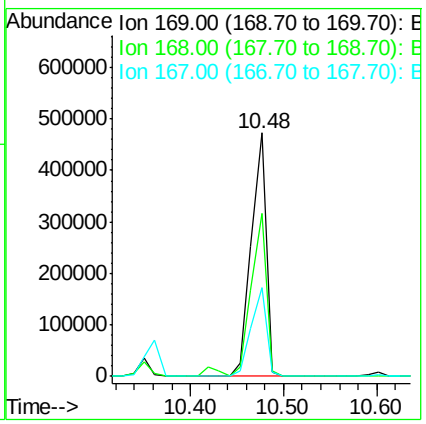


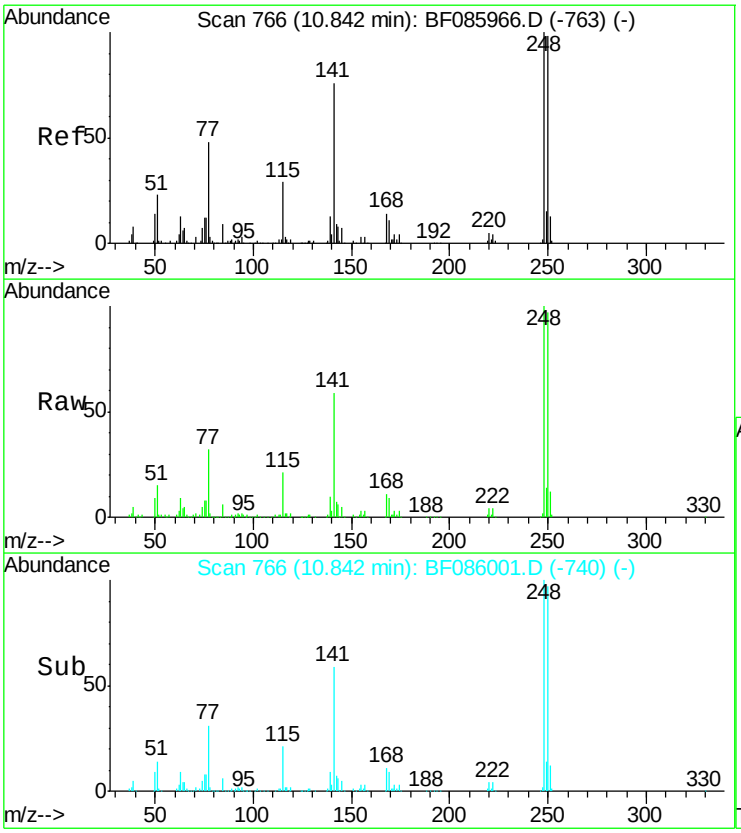

#65
n-Nitrosodiphenylamine
Concen: 39.24 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:169 Resp: 524032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.7 | 54.4 | 81.6 |
| 167 | 36.3 | 29.4 | 44.0 |

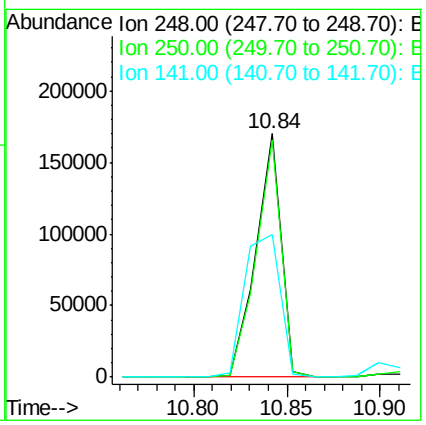


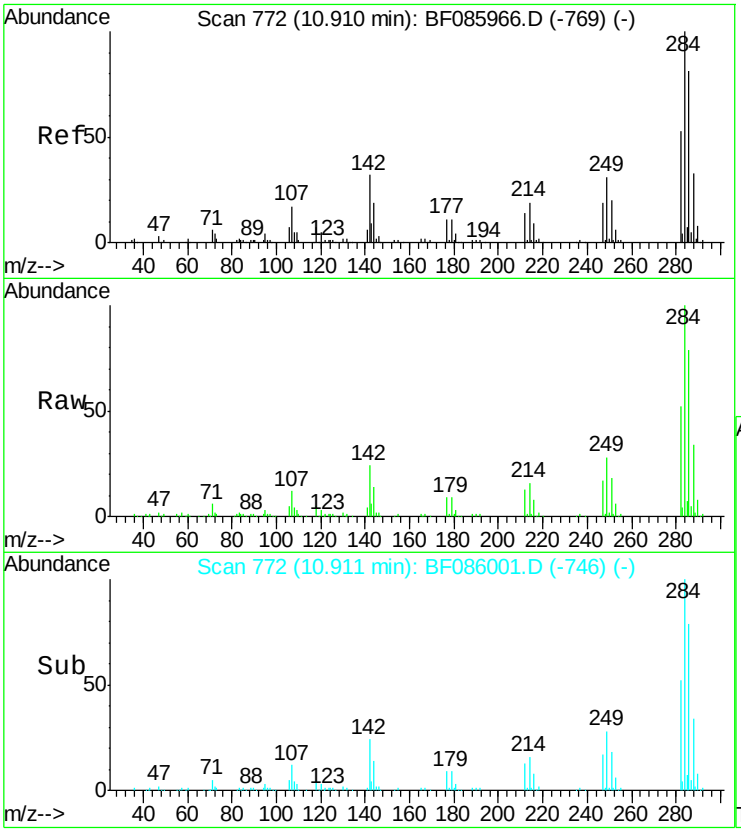




#66
4-Bromophenyl-phenylether
Concen: 37.26 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:248 Resp: 162435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.3 | 77.4 | 116.0 |
| 141 | 58.7 | 63.6 | 95.4# |



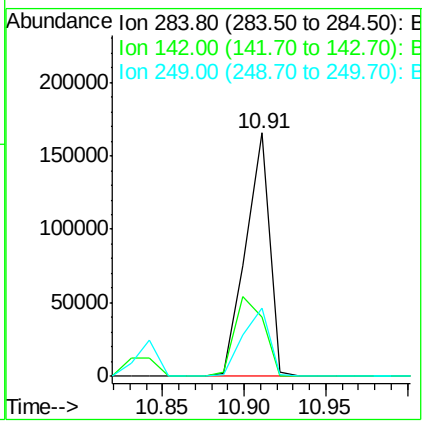


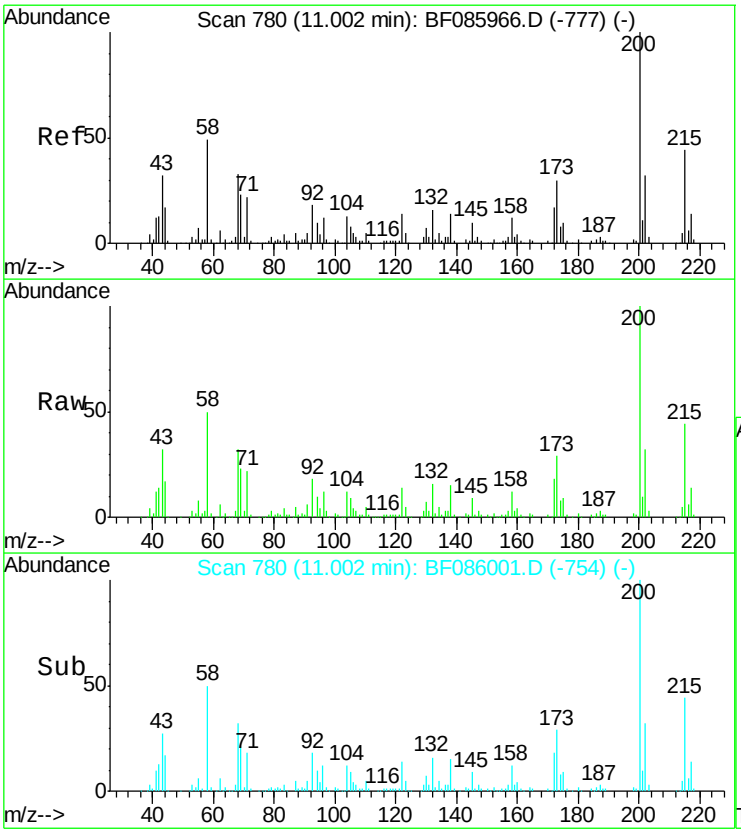

#67
Hexachlorobenzene
Concen: 37.54 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:284 Resp: 169252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 24.3 | 23.1 | 34.7 |
| 249 | 28.2 | 24.2 | 36.2 |

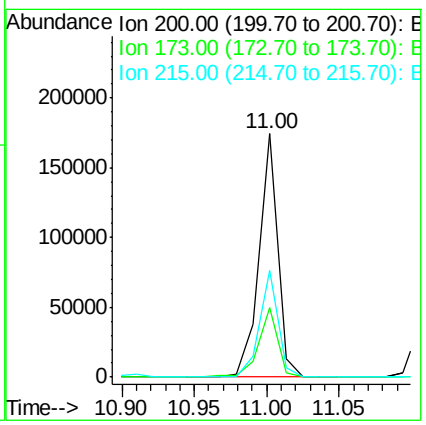


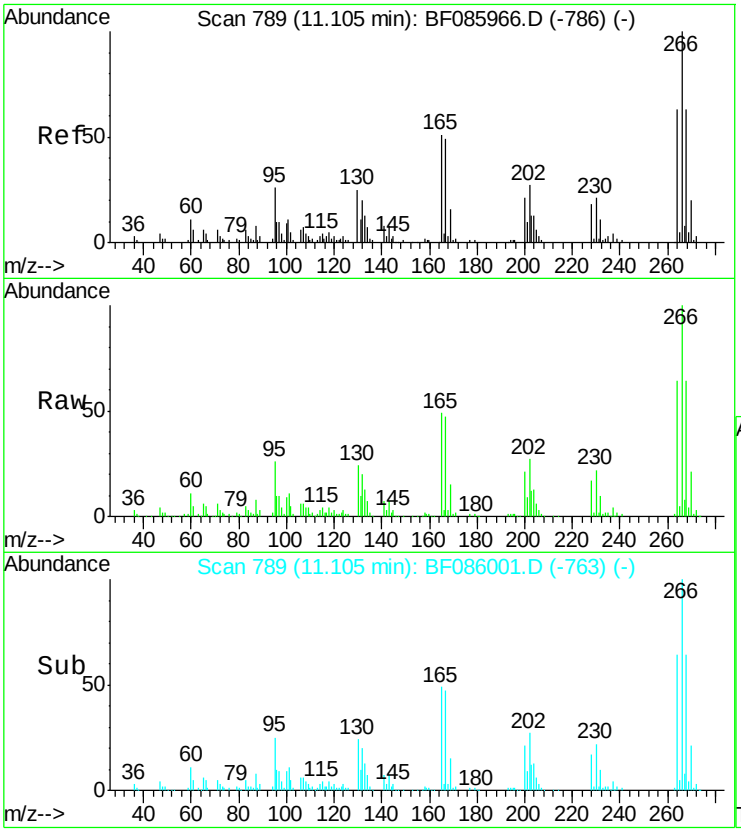




#68
Atrazine
Concen: 36.29 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:200 Resp: 156592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.8 | 7.7 | 47.7 |
| 215 | 44.0 | 25.4 | 65.4 |



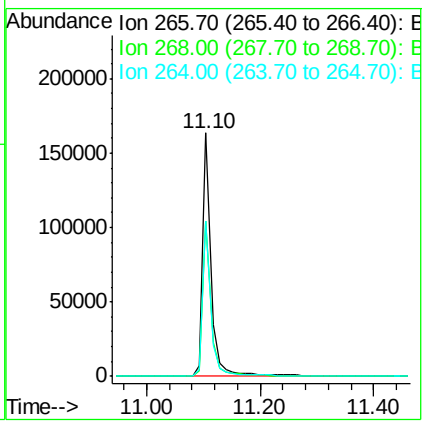


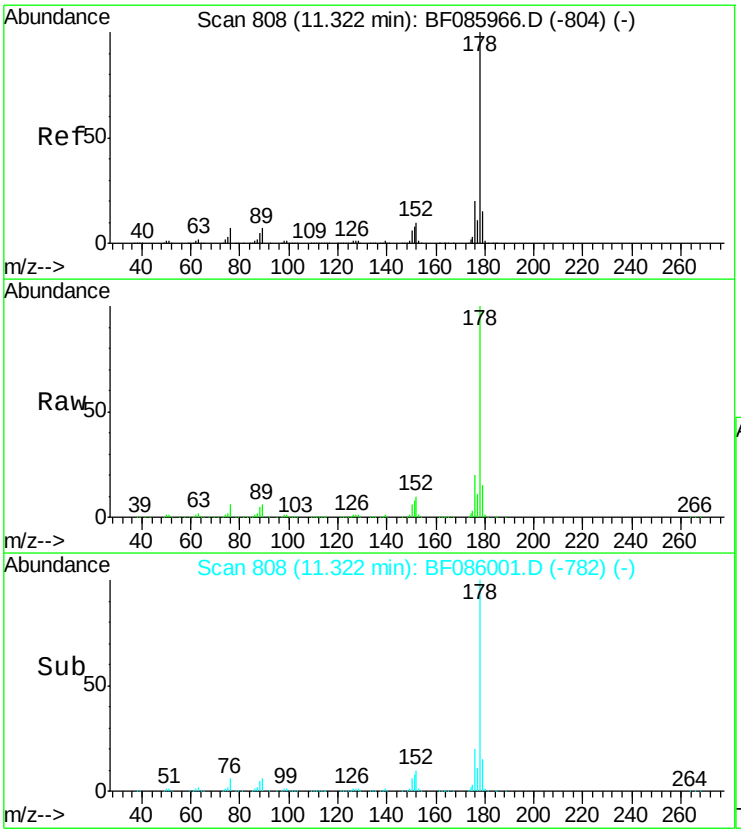

#69
Pentachlorophenol
Concen: 77.29 ng
RT: 11.10 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:266 Resp: 163305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 51.5 | 77.3 |
| 264 | 64.0 | 50.6 | 76.0 |

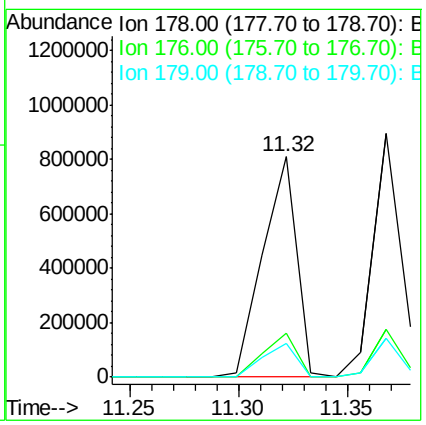


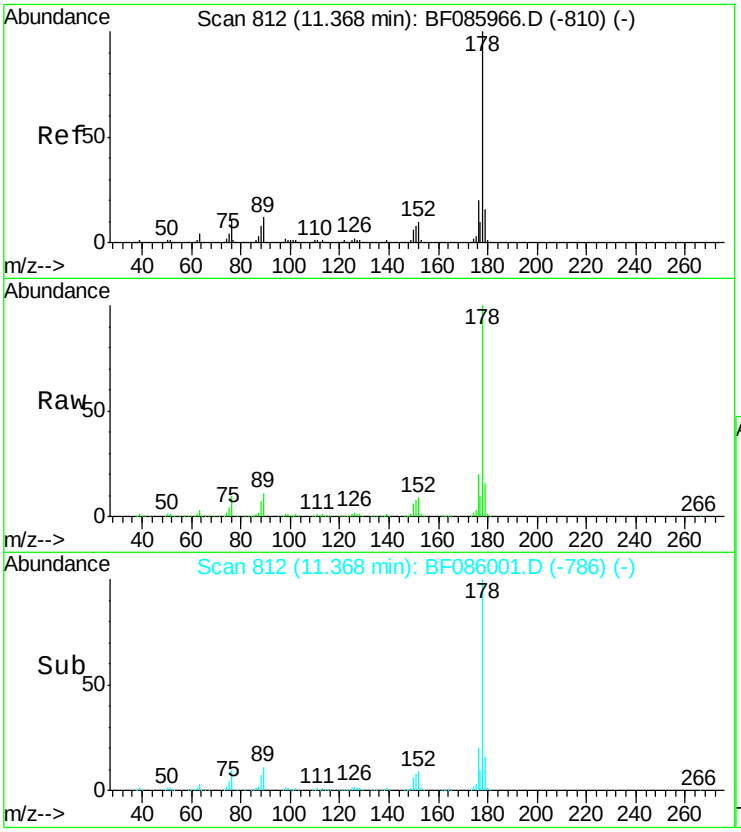




#70
Phenanthrene
Concen: 37.99 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:178 Resp: 885054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 16.3 | 24.5 |
| 179 | 15.2 | 12.6 | 18.8 |



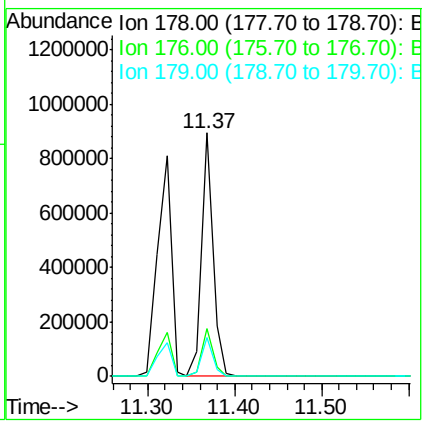


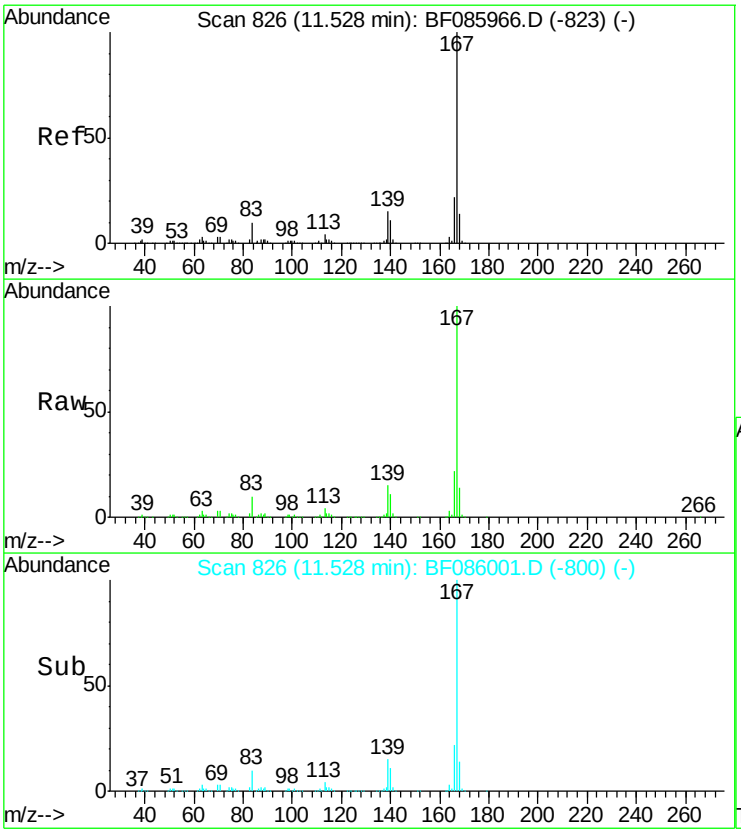

#71
Anthracene
Concen: 33.52 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:178 Resp: 818073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.9 | 23.9 |
| 179 | 16.1 | 13.0 | 19.4 |

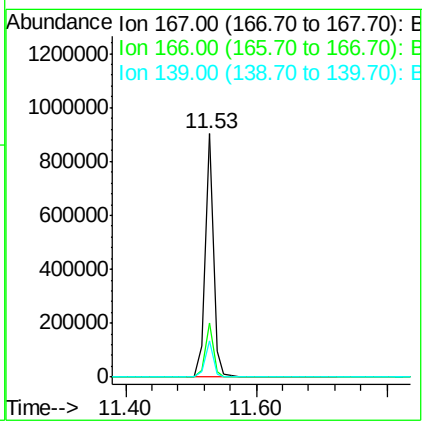


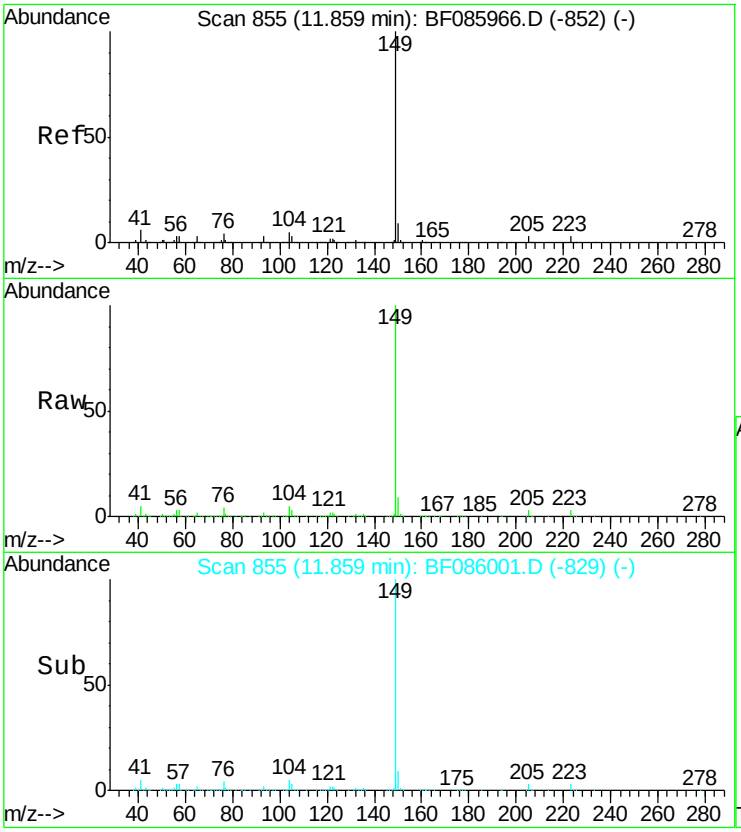




#72
Carbazole
Concen: 37.56 ng
RT: 11.53 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:167 Resp: 787860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 17.8 | 26.8 |
| 139 | 14.7 | 11.6 | 17.4 |



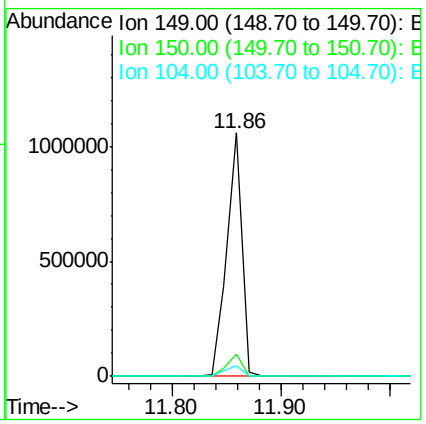


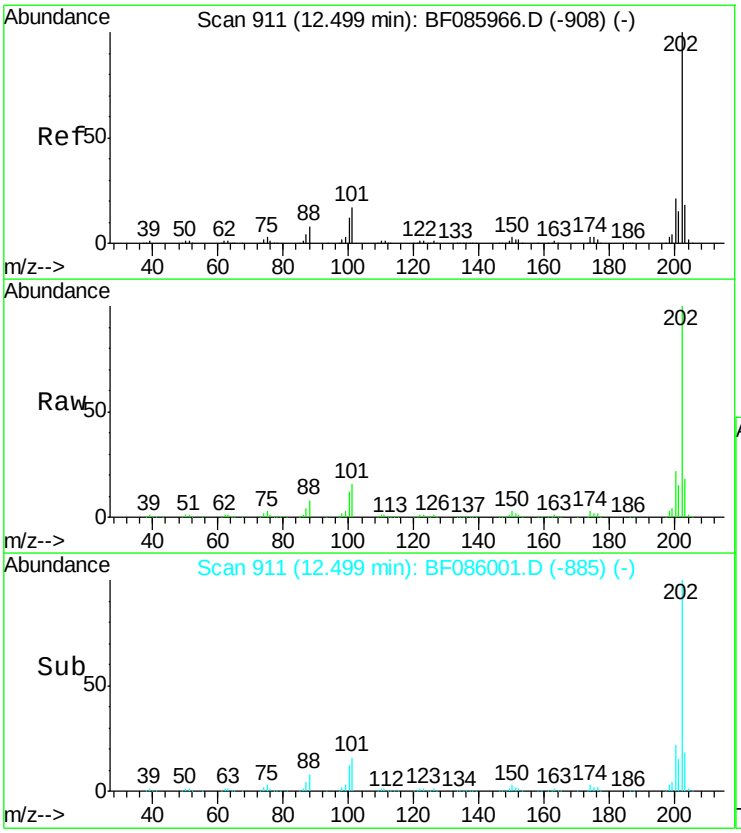

#73
Di-n-butylphthalate
Concen: 38.94 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:149 Resp: 1012146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.6 | 11.4 |
| 104 | 4.5 | 3.8 | 5.8 |

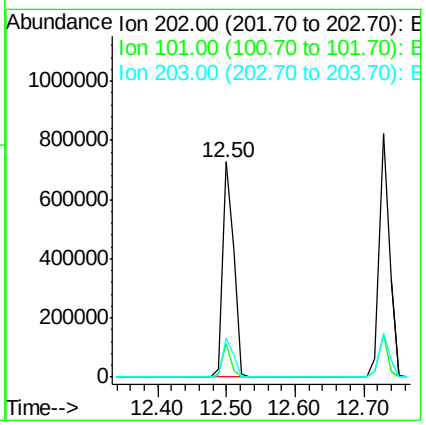


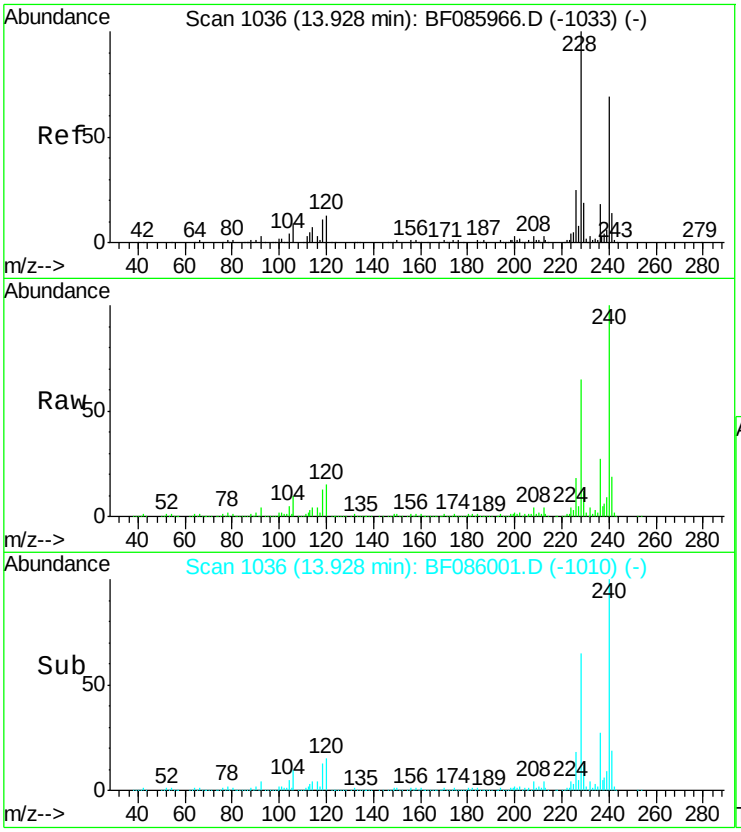




#74
Fluoranthene
Concen: 34.28 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:202 Resp: 830537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 15.6 | 0.0 | 36.6 |
| 203 | 17.9 | 0.0 | 38.1 |



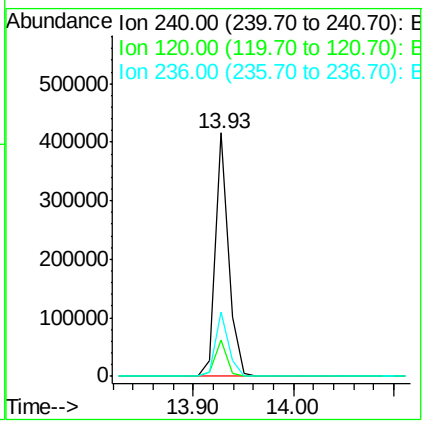


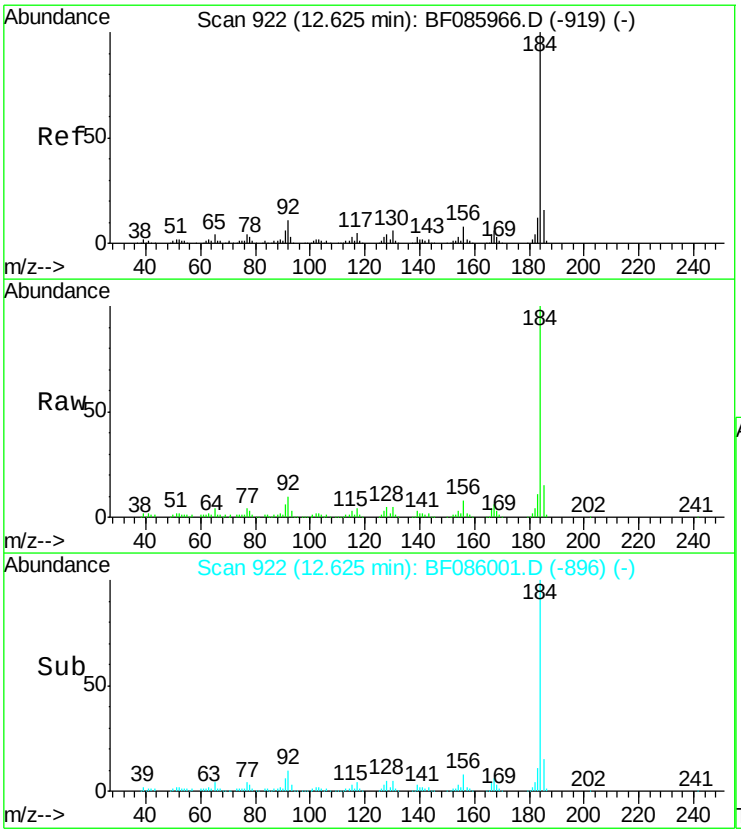

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:240 Resp: 379384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.9 | 13.8 | 20.8 |
| 236 | 26.6 | 20.6 | 30.8 |

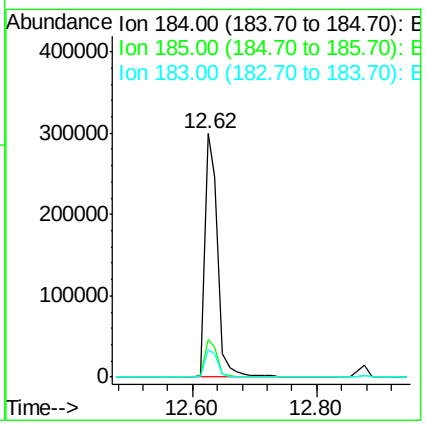


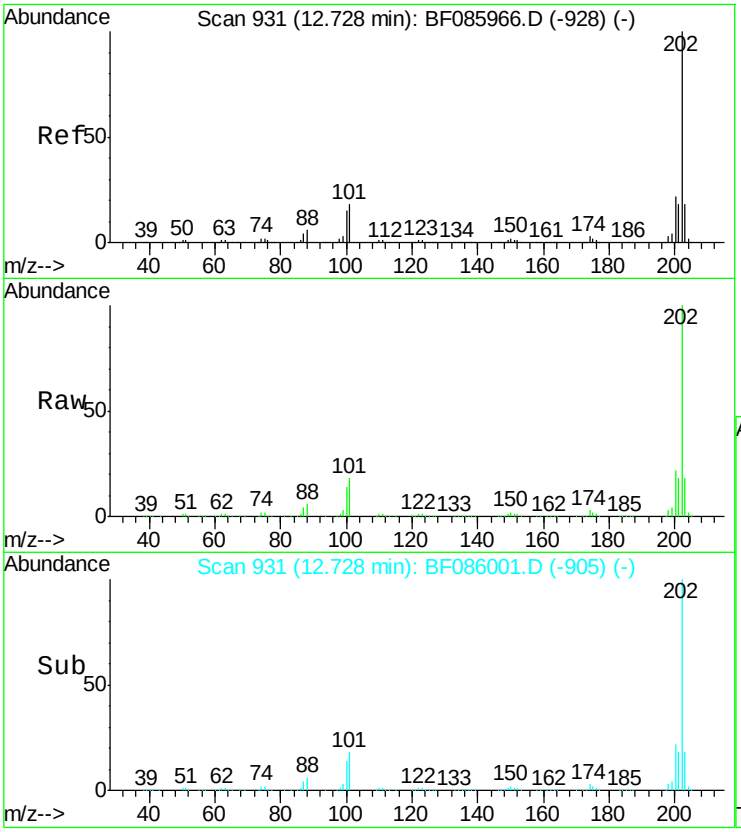




#76
Benzidine
Concen: 31.36 ng
RT: 12.62 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:184 Resp: 419726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.4 | 12.4 | 18.6 |
| 183 | 11.3 | 9.4 | 14.2 |



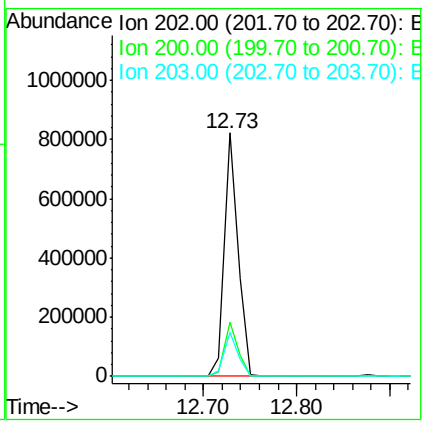


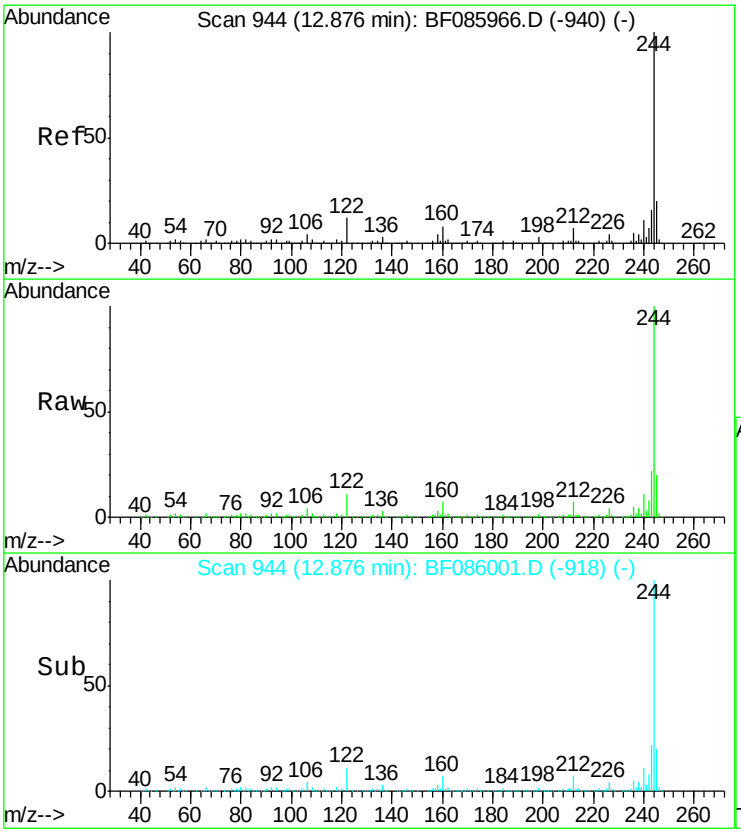

#77
Pyrene
Concen: 31.55 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:202 Resp: 843387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.4 | 17.6 | 26.4 |
| 203 | 18.2 | 14.0 | 21.0 |

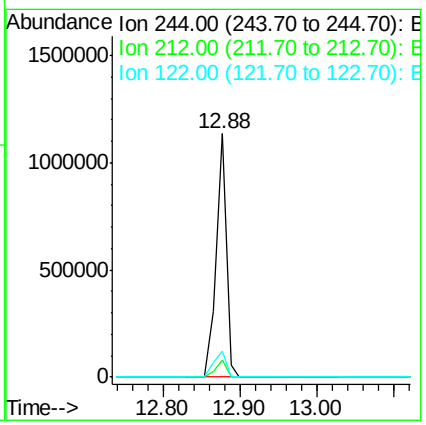


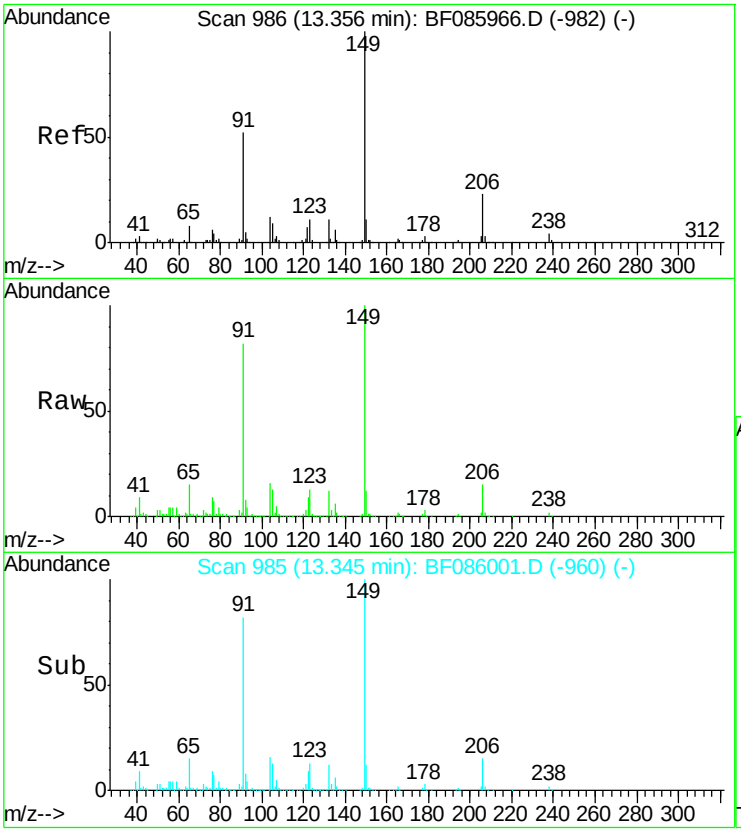




#78
Terphenyl-d14
Concen: 64.30 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:244 Resp: 1037732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 6.1 | 9.1 |
| 122 | 10.8 | 10.2 | 15.4 |



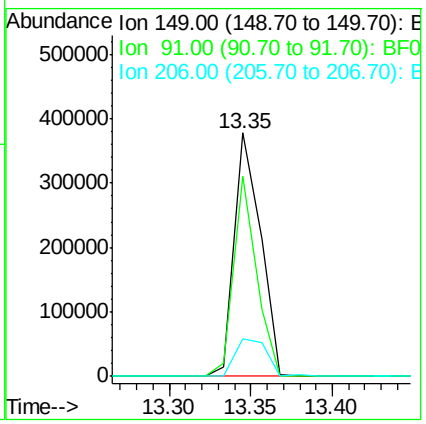


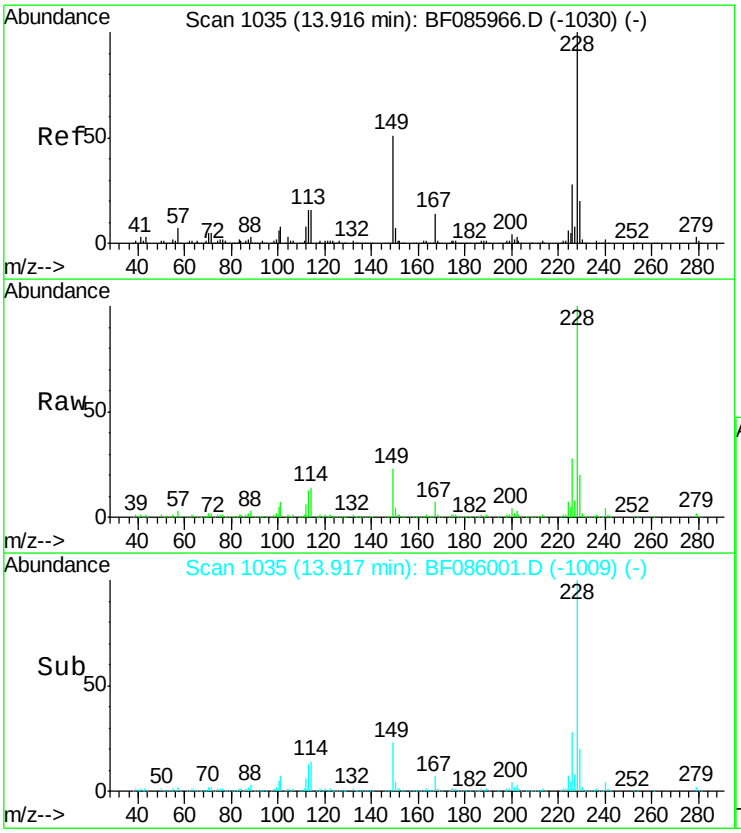

#79
Butylbenzylphthalate
Concen: 34.69 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:149 Resp: 417569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 82.2 | 45.8 | 68.8# |
| 206 | 15.3 | 17.8 | 26.8# |

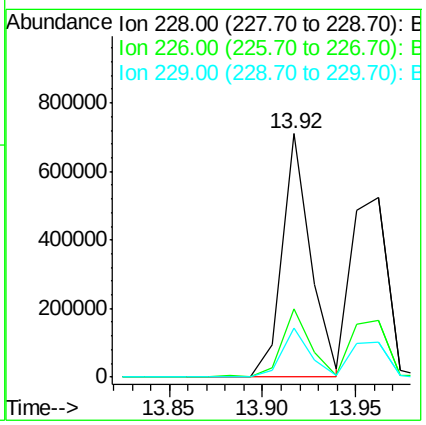


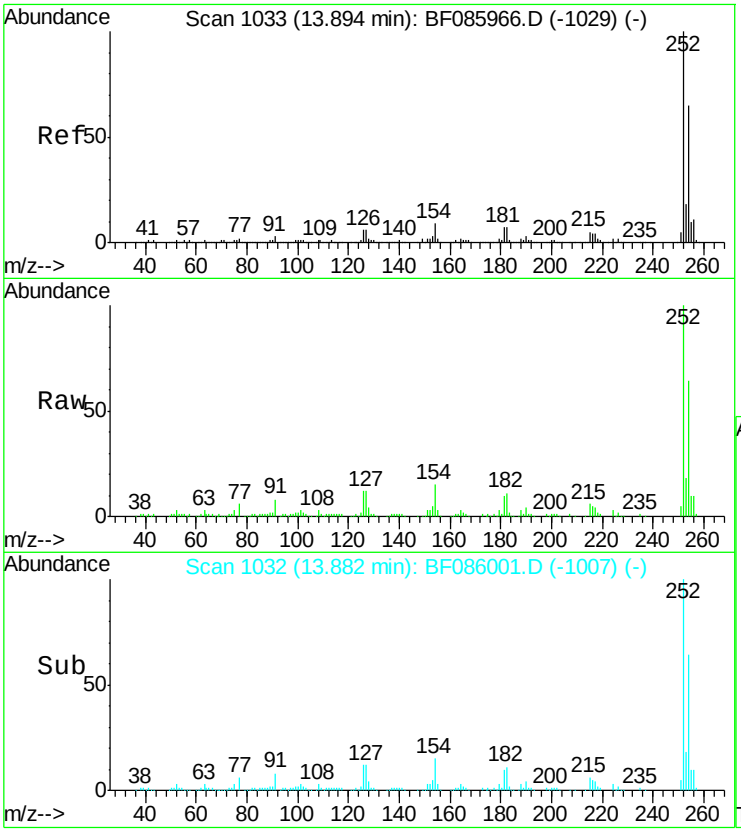




#80
Benzo(a)anthracene
Concen: 33.62 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:228 Resp: 751821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 22.1 | 33.1 |
| 229 | 20.1 | 16.2 | 24.4 |



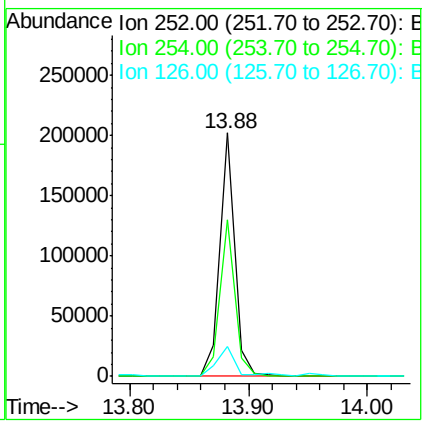


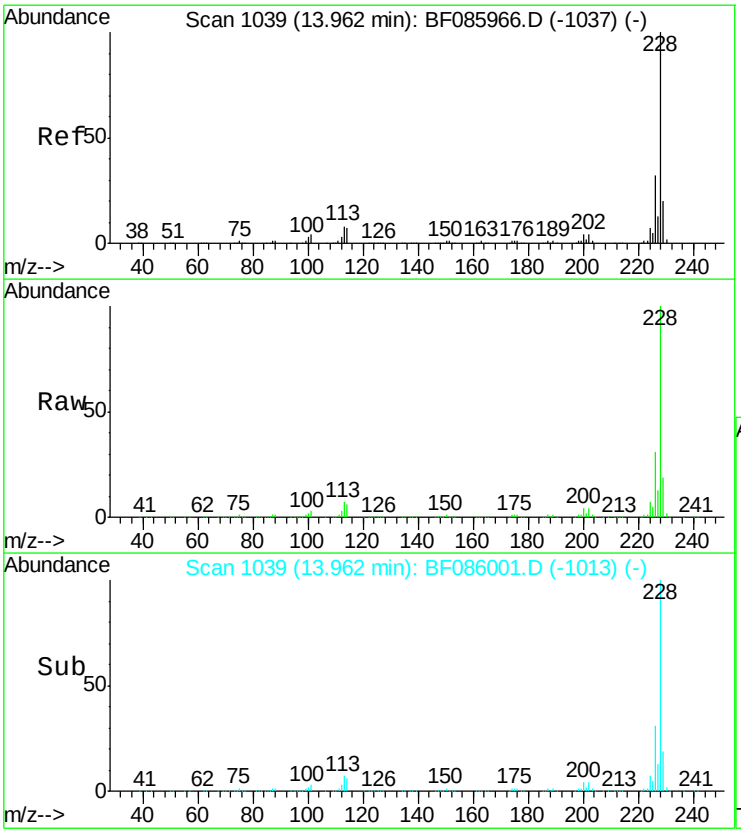

#81
3,3'-Dichlorobenzidine
Concen: 10.73 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:252 Resp: 175250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.3 | 50.7 | 76.1 |
| 126 | 12.3 | 11.8 | 17.6 |

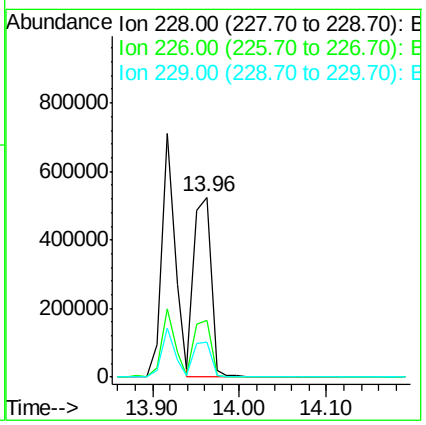


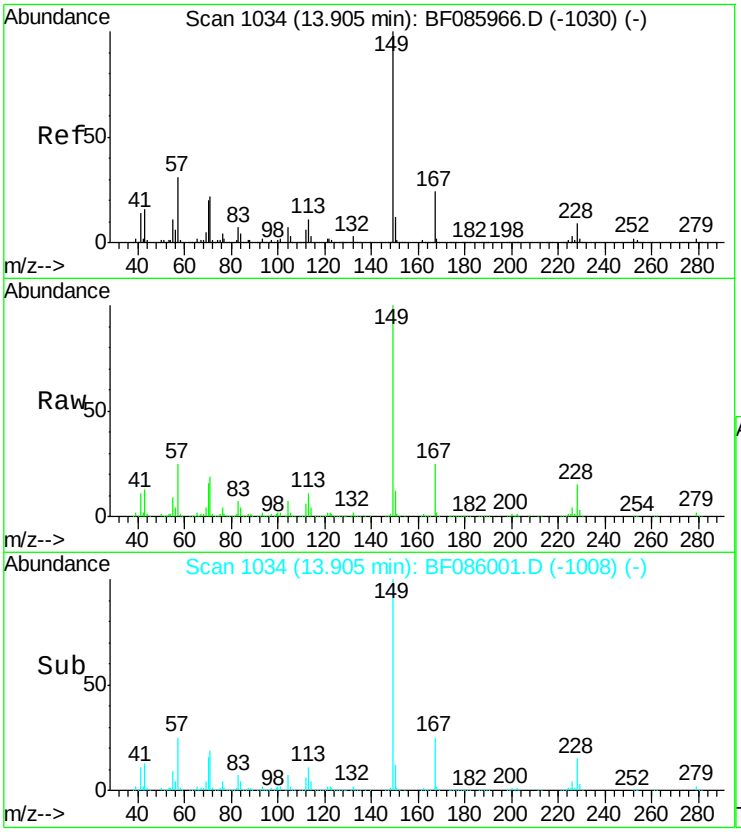




#82
Chrysene
Concen: 33.31 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:228 Resp: 717453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 25.0 | 37.6 |
| 229 | 19.3 | 15.7 | 23.5 |



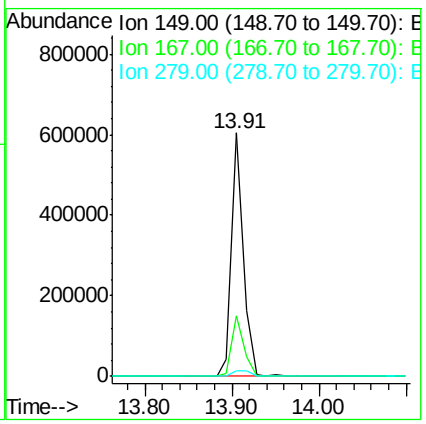


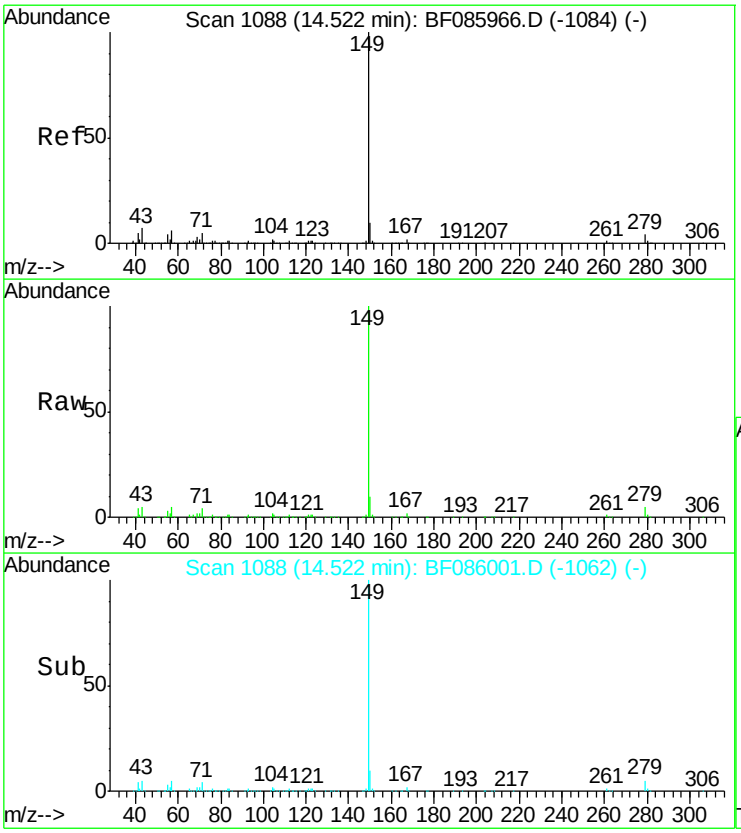

#83
Bis(2-ethylhexyl)phthalate
Concen: 35.29 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:149 Resp: 563870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.0 | 19.4 | 29.2 |
| 279 | 2.3 | 1.5 | 2.3 |

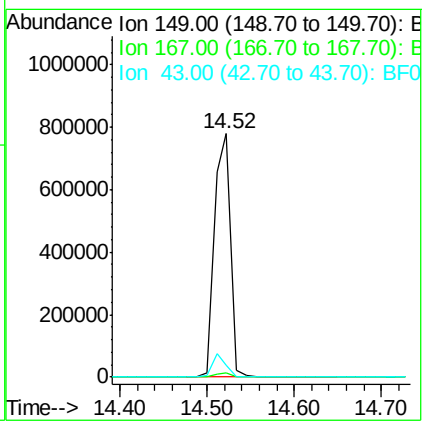


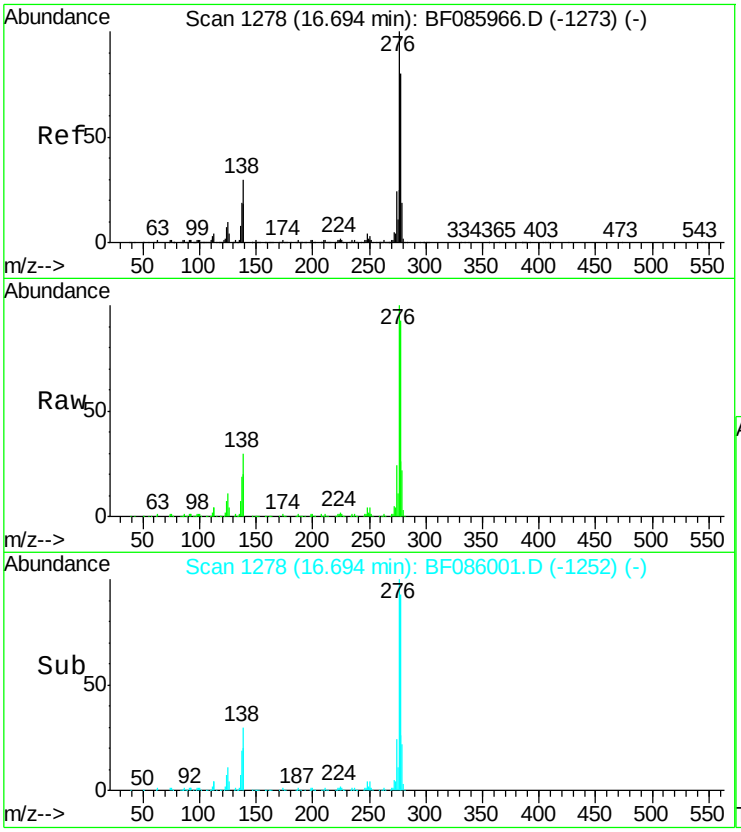




#84
Di-n-octyl phthalate
Concen: 39.96 ng
RT: 14.52 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:149 Resp: 1019447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 8.1 | 7.1 | 10.7 |



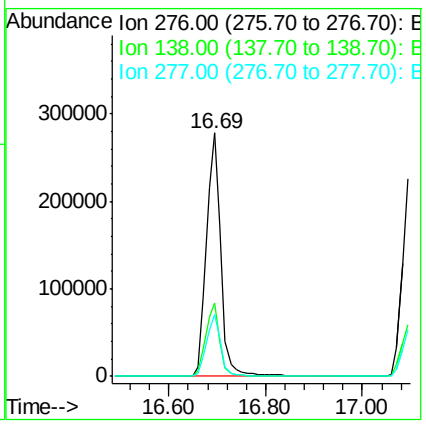


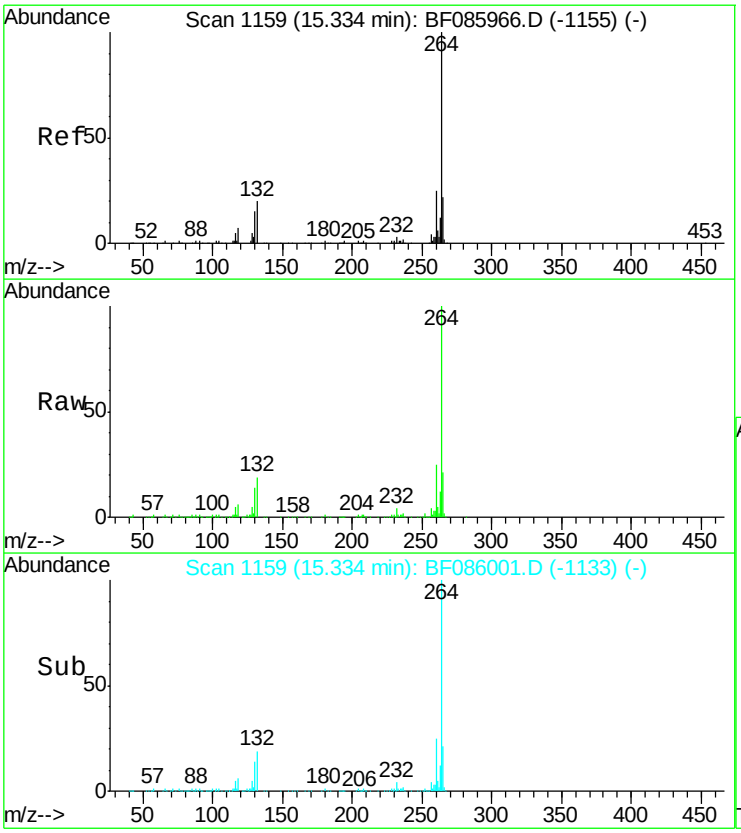

#85
Indeno(1,2,3-cd)pyrene
Concen: 33.62 ng
RT: 16.69 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:276 Resp: 587560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.4 | 24.2 | 36.4 |
| 277 | 25.1 | 20.0 | 30.0 |

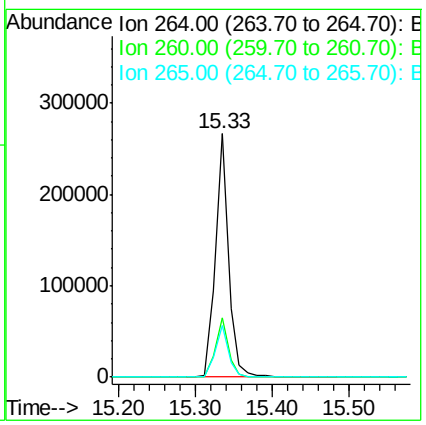


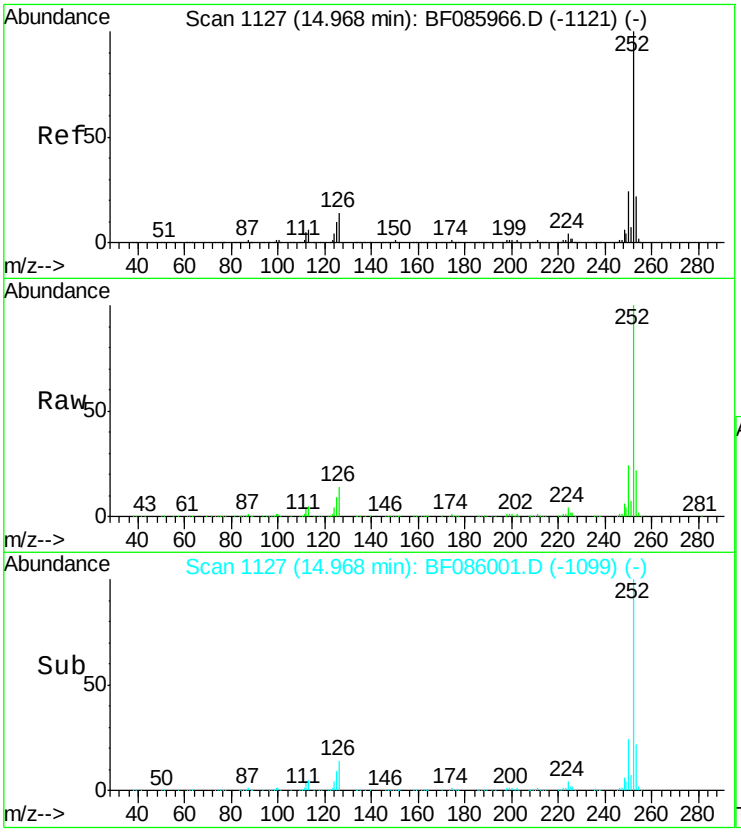




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:264 Resp: 317635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.4 | 29.2 |
| 265 | 21.2 | 17.2 | 25.8 |



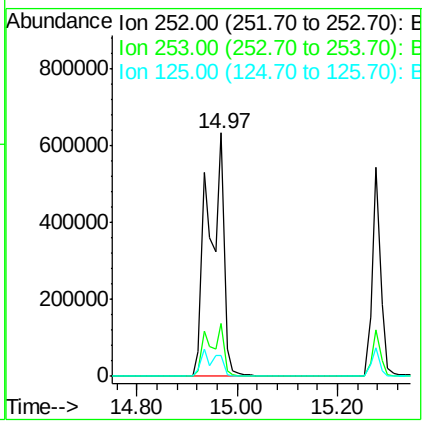


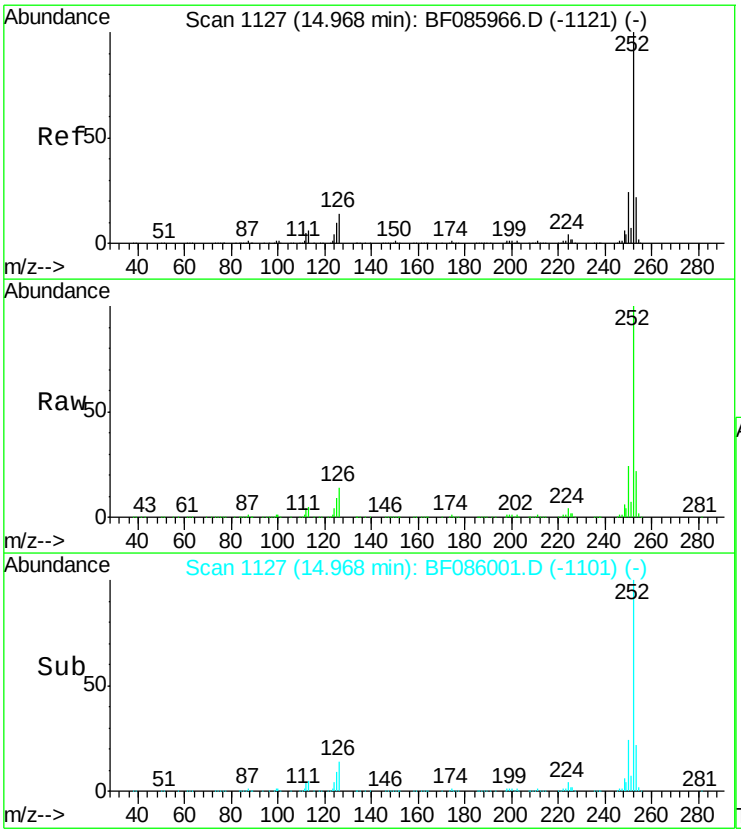

#87
Benzo(b)fluoranthene
Concen: 69.74 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:252 Resp: 1393474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.6 | 26.4 |
| 125 | 8.8 | 10.3 | 15.5# |

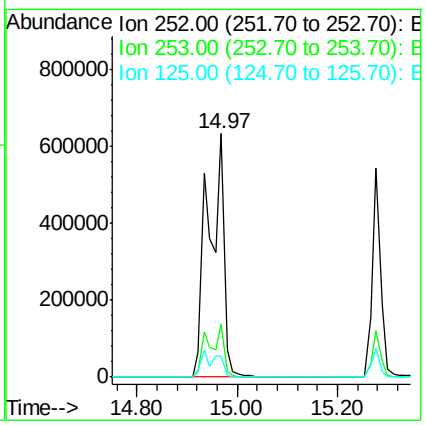


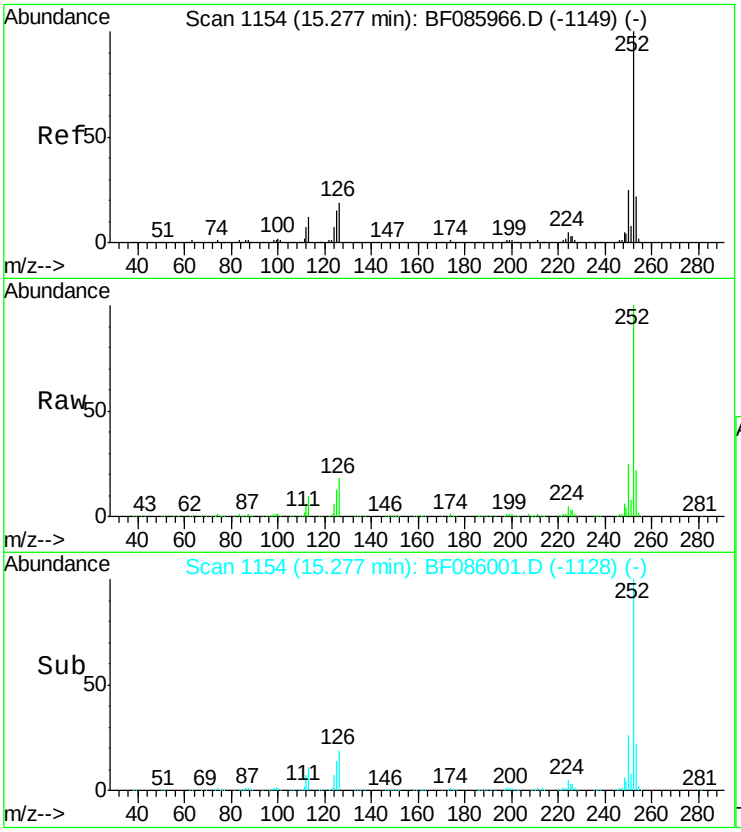




#88
Benzo(k)fluoranthene
Concen: 78.75 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:252 Resp: 1393474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.6 |
| 125 | 8.8 | 7.7 | 11.5 |



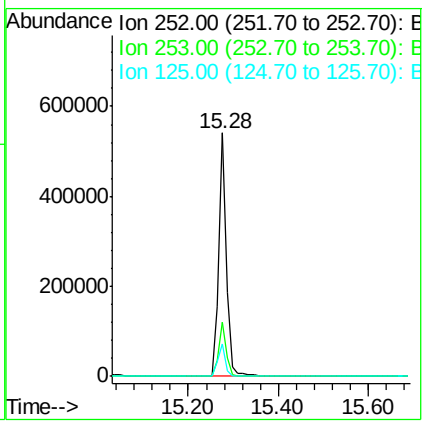


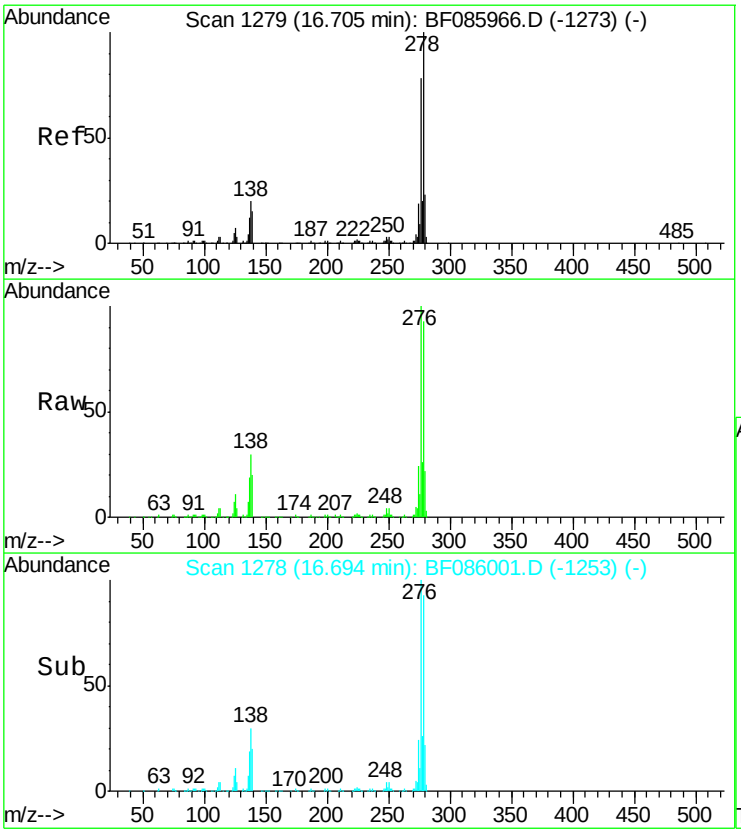

#89
Benzo(a)pyrene
Concen: 36.22 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:252 Resp: 641277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.4 | 26.0 |
| 125 | 13.4 | 10.3 | 15.5 |

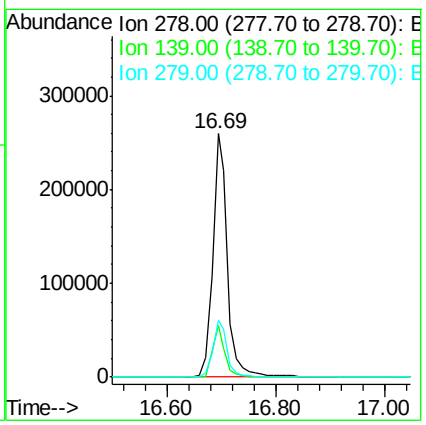


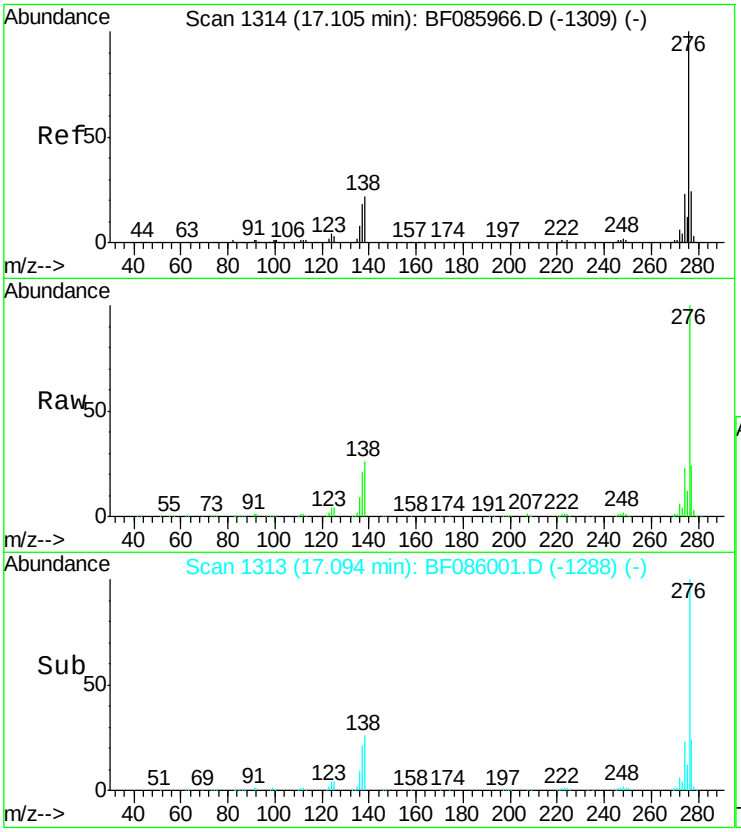




#90
Dibenzo(a,h)anthracene
Concen: 34.77 ng
RT: 16.69 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

Tgt Ion:278 Resp: 495311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.5 | 14.4 | 21.6 |
| 279 | 23.6 | 19.1 | 28.7 |






#91
Benzo(g,h,i)perylene
Concen: 34.21 ng
RT: 17.09 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF086001.D
Acq: 2 Apr 2016 10:13

**Instrument :**
BNA_F
**ClientSampleId :**
BH-1(0-2)MSD

Tgt Ion:276 Resp: 471525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 18.8 | 28.2 |
| 138 | 26.4 | 22.6 | 34.0 |