Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077600.D
Acq On : 5 Mar 2015 2:36
Operator : TP/IZ
Sample : G1416-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-PS-01-013MSD

Quant Time: Mar 05 04:13:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.22 | 152 | 60909 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.80 | 136 | 251974 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.97 | 164 | 123154 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.81 | 188 | 240089 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 16.09 | 240 | 253965 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 17.76 | 264 | 253296 | 20.00 | ng | | -0.08 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.51 | 112 | 393272 | 107.79 | ng | | 0.00 |
| 7) Phenol-d6 | 6.78 | 99 | 501795 | 106.97 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.91 | 82 | 299636 | 73.95 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.95 | 330 | 131825 | 111.17 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 10.14 | 172 | 607884 | 76.96 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.80 | 244 | 718686 | 66.16 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.15 | 88 | 44994 | 29.06 | ng | | 99 |
| 3) Pyridine | 2.90 | 79 | 108491 | 24.49 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.79 | 42 | 65358 | 33.94 | ng | | 98 |
| 6) Aniline | 6.81 | 93 | 112972 | 17.42 | ng | # | 68 |
| 8) 2-Chlorophenol | 6.95 | 128 | 139703 | 32.46 | ng | | 86 |
| 9) Benzaldehyde | 6.67 | 77 | 23938 | 8.41 | ng | | 99 |
| 10) Phenol | 6.80 | 94 | 186219 | 33.46 | ng | | 87 |
| 11) bis(2-Chloroethyl)ether | 6.91 | 93 | 138842 | 34.71 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 7.14 | 146 | 147236 | 31.42 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.24 | 146 | 151546 | 31.79 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.43 | 146 | 149218 | 32.90 | ng | | 99 |
| 15) Benzyl Alcohol | 7.40 | 79 | 116496 | 32.67 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.58 | 45 | 187144 | 32.73 | ng | | 98 |
| 17) 2-Methylphenol | 7.55 | 107 | 114701 | 34.10 | ng | | 97 |
| 18) Hexachloroethane | 7.84 | 117 | 50910 | 31.97 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.74 | 70 | 97930 | 32.87 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.74 | 107 | 147914 | 33.38 | ng | # | 75 |
| 22) Acetophenone | 7.73 | 105 | 193058 | 32.57 | ng | # | 86 |
| 24) Nitrobenzene | 7.94 | 77 | 145592 | 34.15 | ng | | 95 |
| 25) Isophorone | 8.23 | 82 | 269157 | 33.48 | ng | | 97 |
| 26) 2-Nitrophenol | 8.33 | 139 | 67534 | 38.65 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 8.39 | 122 | 128303 | 32.82 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 8.52 | 93 | 158163 | 31.14 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.63 | 162 | 120706 | 32.89 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.73 | 180 | 123233 | 30.55 | ng | | 99 |
| 31) Naphthalene | 8.82 | 128 | 403219 | 32.00 | ng | | 100 |
| 32) Benzoic acid | 8.48 | 122 | 51459 | 27.09 | ng | | 96 |
| 33) 4-Chloroaniline | 8.90 | 127 | 109002 | 19.46 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.98 | 225 | 73514 | 31.92 | ng | | 99 |
| 35) Caprolactam | 9.32 | 113 | 34416 | 30.72 | ng | # | 70 |
| 36) 4-Chloro-3-methylphenol | 9.51 | 107 | 124769 | 33.82 | ng | | 99 |
| 37) 2-Methylnaphthalene | 9.68 | 142 | 283156 | 31.64 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.89 | 216 | 122667 | 34.71 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 9.88 | 237 | 107320 | 56.64 | ng | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077600.D
Acq On : 5 Mar 2015 2:36
Operator : TP/IZ
Sample : G1416-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-PS-01-013MSD

Quant Time: Mar 05 04:13:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 10.03 | 196 | 84289 | 36.02 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 10.08 | 196 | 91352 | 36.51 | ng | # | 87 |
| 45) 1,1'-Biphenyl | 10.26 | 154 | 334393 | 35.84 | ng | | 95 |
| 46) 2-Chloronaphthalene | 10.28 | 162 | 258958 | 35.39 | ng | | 99 |
| 47) 2-Nitroaniline | 10.41 | 65 | 70928 | 39.38 | ng | # | 57 |
| 48) Acenaphthylene | 10.79 | 152 | 436426 | 37.67 | ng | | 99 |
| 49) Dimethylphthalate | 10.65 | 163 | 328958 | 38.00 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.72 | 165 | 67142 | 38.67 | ng | | 93 |
| 51) Acenaphthene | 11.01 | 154 | 247424 | 35.79 | ng | | 100 |
| 52) 3-Nitroaniline | 10.92 | 138 | 60837 | 30.40 | ng | | 95 |
| 53) 2,4-Dinitrophenol | 11.06 | 184 | 40083 | 75.88 | ng | # | 83 |
| 54) Dibenzofuran | 11.23 | 168 | 384487 | 36.02 | ng | | 95 |
| 55) 4-Nitrophenol | 11.14 | 139 | 116870 | 72.59 | ng | # | 69 |
| 56) 2,4-Dinitrotoluene | 11.22 | 165 | 92794 | 39.56 | ng | # | 82 |
| 57) Fluorene | 11.65 | 166 | 309959 | 36.32 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.38 | 232 | 75951 | 37.75 | ng | | 95 |
| 59) Diethylphthalate | 11.53 | 149 | 305443 | 35.79 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 11.66 | 204 | 138964 | 33.80 | ng | | 93 |
| 61) 4-Nitroaniline | 11.68 | 138 | 71706 | 37.38 | ng | | 99 |
| 62) Azobenzene | 11.85 | 77 | 302193 | 37.32 | ng | | 92 |
| 64) 4,6-Dinitro-2-methylphenol | 11.72 | 198 | 29968 | 32.58 | ng | | 88 |
| 65) n-Nitrosodiphenylamine | 11.81 | 169 | 266759 | 33.49 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 12.27 | 248 | 86244 | 30.68 | ng | # | 88 |
| 67) Hexachlorobenzene | 12.32 | 284 | 91742 | 30.40 | ng | # | 81 |
| 68) Atrazine | 12.48 | 200 | 82101 | 31.70 | ng | | 98 |
| 69) Pentachlorophenol | 12.57 | 266 | 101357 | 63.91 | ng | | 98 |
| 70) Phenanthrene | 12.84 | 178 | 462205 | 33.22 | ng | | 100 |
| 71) Anthracene | 12.90 | 178 | 436958 | 31.64 | ng | | 100 |
| 72) Carbazole | 13.11 | 167 | 429122 | 32.68 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.56 | 149 | 508069 | 32.95 | ng | | 99 |
| 74) Fluoranthene | 14.31 | 202 | 509325 | 33.51 | ng | | 99 |
| 76) Benzidine | 14.50 | 184 | 214009 | 24.94 | ng | | 97 |
| 77) Pyrene | 14.59 | 202 | 506055 | 32.57 | ng | | 100 |
| 79) Butylbenzylphthalate | 15.42 | 149 | 226275 | 35.40 | ng | | 94 |
| 80) Benzo(a)anthracene | 16.08 | 228 | 480255 | 32.27 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 16.06 | 252 | 147425 | 27.03 | ng | # | 94 |
| 82) Chrysene | 16.12 | 228 | 472960 | 33.84 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 16.14 | 149 | 331361 | 32.33 | ng | | 98 |
| 84) Di-n-octyl phthalate | 16.91 | 149 | 561624 | 32.82 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 17.34 | 252 | 584505 | 39.68 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 17.34 | 252 | 584505 | 40.49 | ng | | 98 |
| 89) Benzo(a)pyrene | 17.70 | 252 | 463768 | 33.06 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 19.21 | 278 | 446797 | 33.40 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 19.60 | 276 | 454706 | 33.67 | ng | | 98 |

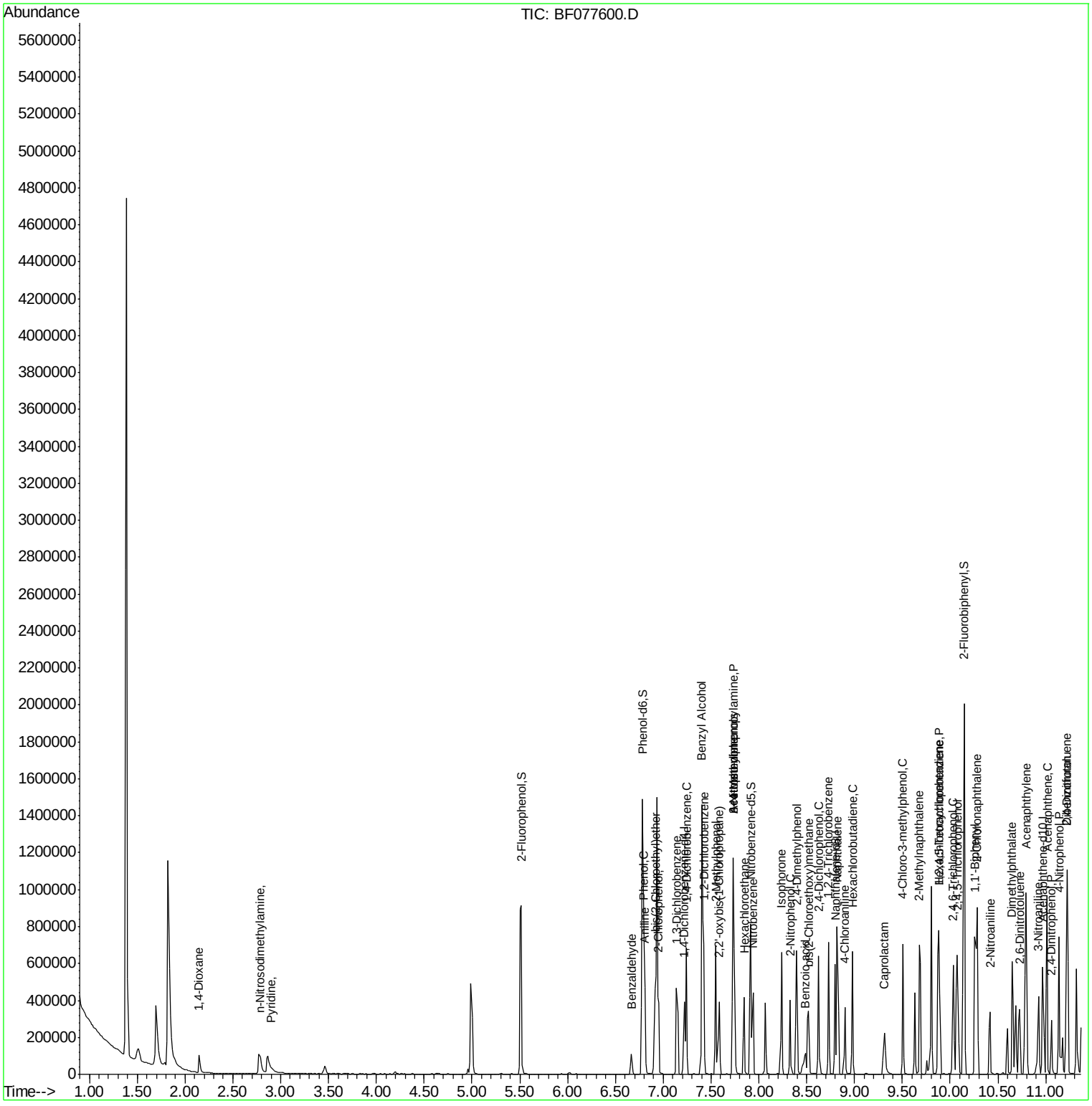
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077600.D
Acq On : 5 Mar 2015 2:36
Operator : TP/IZ
Sample : G1416-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Quant Time: Mar 05 04:13:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration

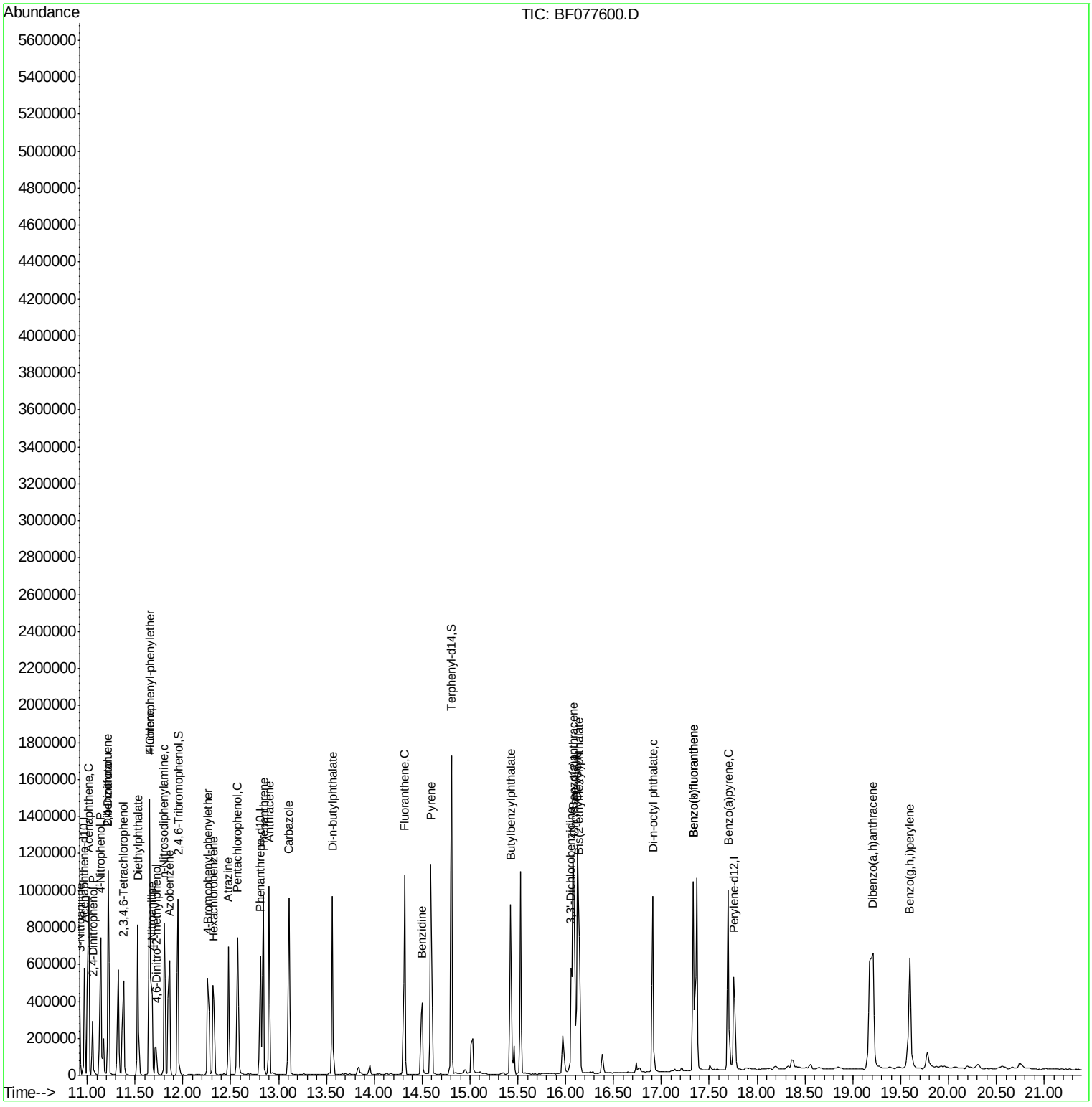


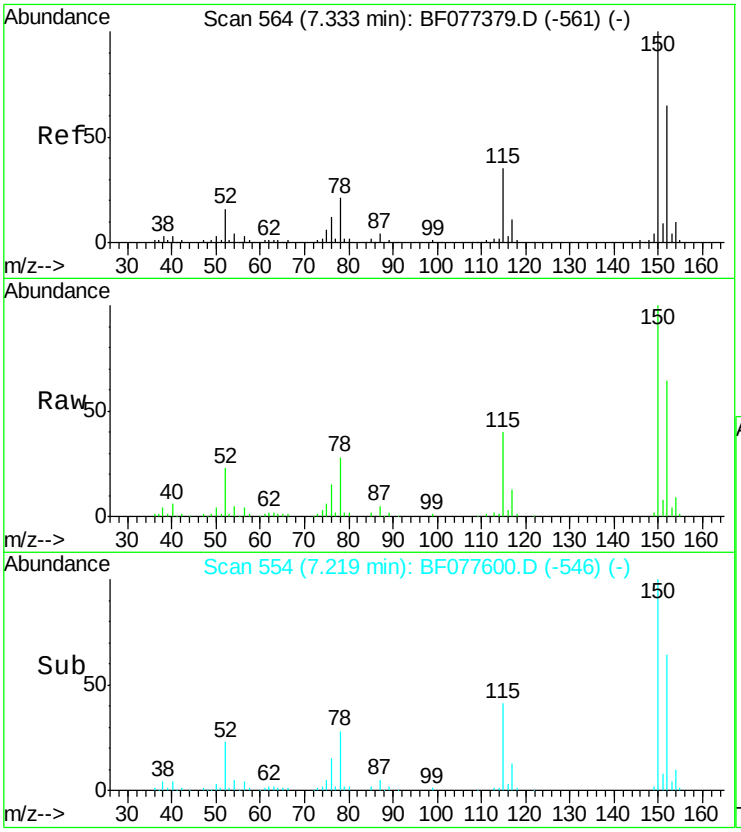
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
Data File : BF077600.D
Acq On : 5 Mar 2015 2:36
Operator : TP/IZ
Sample : G1416-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Quant Time: Mar 05 04:13:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 21:51:23 2015
Response via : Initial Calibration



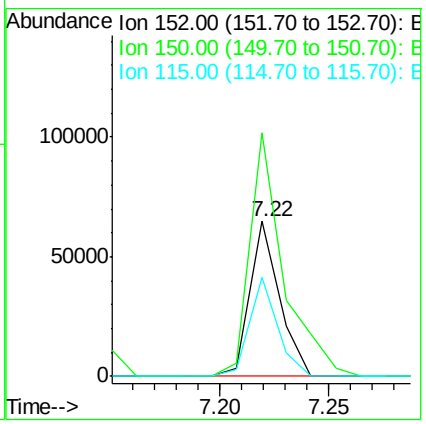


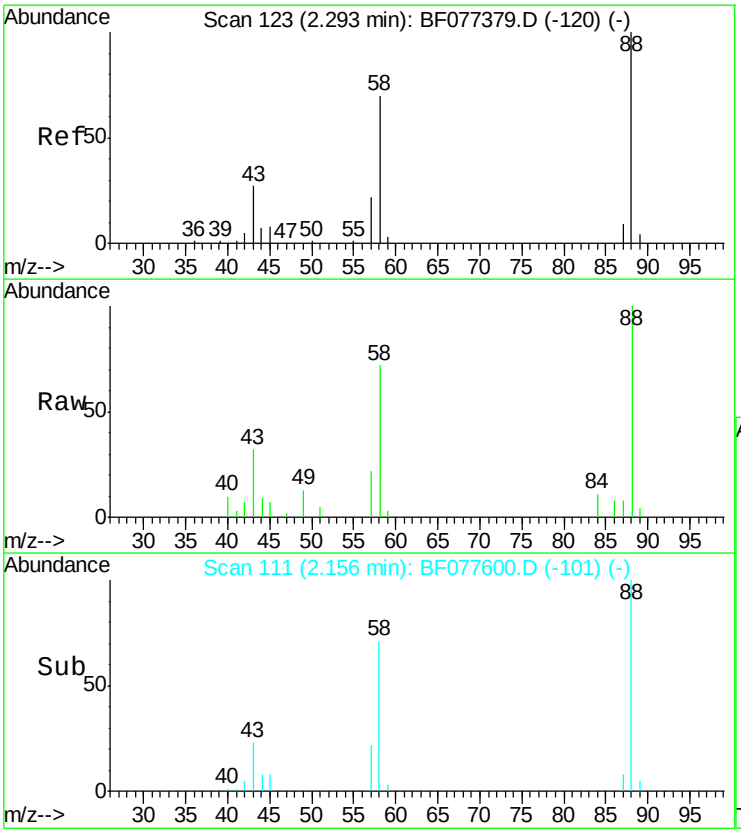

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:152 Resp: 60909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.4 | 124.0 | 186.0 |
| 115 | 63.6 | 49.4 | 74.2 |

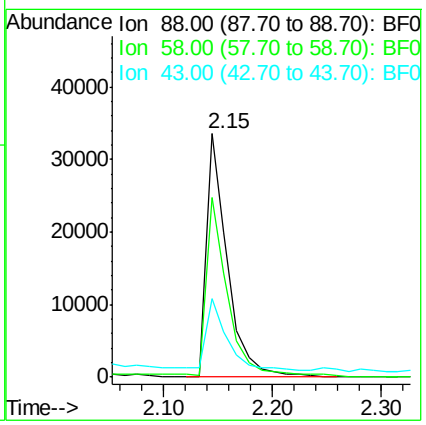


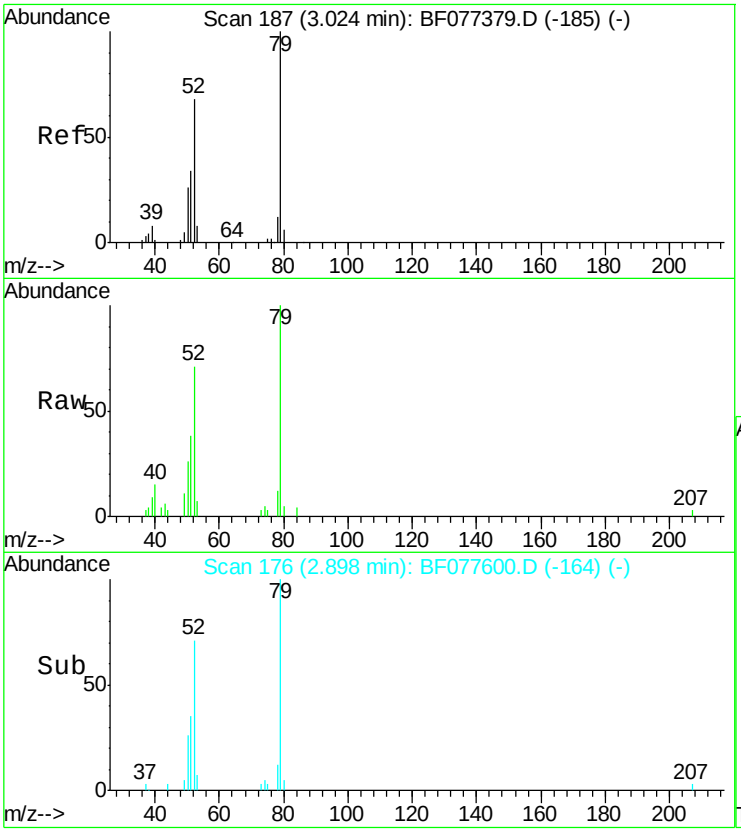




#2
1,4-Dioxane
Concen: 29.06 ng
RT: 2.15 min Scan# 111
Delta R.T. 0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion: 88 Resp: 44994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 77.2 | 62.1 | 93.1 |
| 43 | 29.5 | 24.0 | 36.0 |



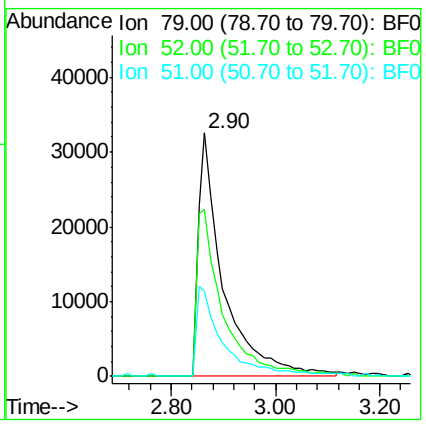


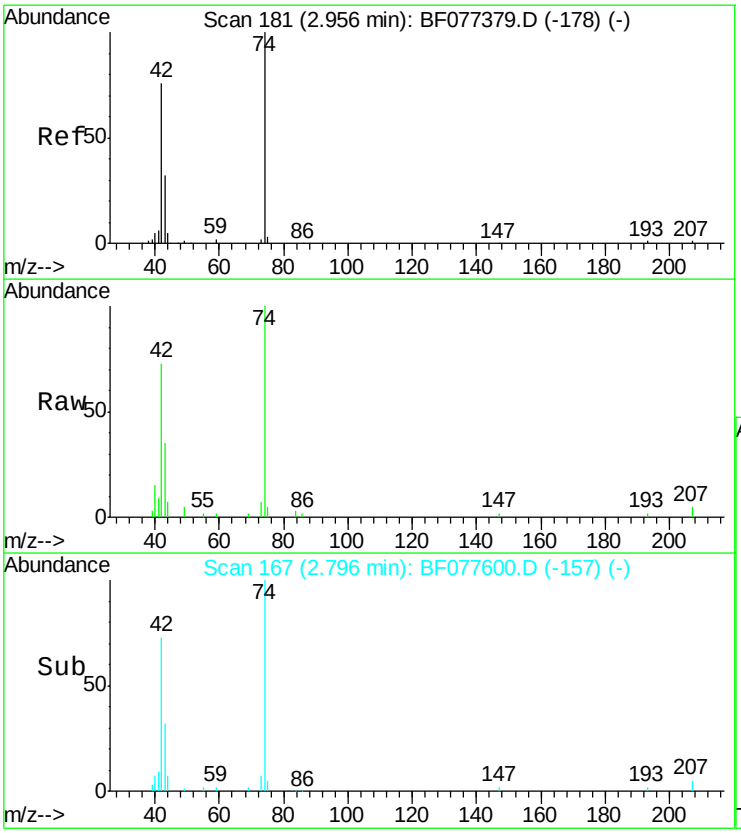

#3
Pyridine
Concen: 24.49 ng
RT: 2.90 min Scan# 176
Delta R.T. 0.03 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion: 79 Resp: 108491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 71.1 | 57.7 | 86.5 |
| 51 | 37.8 | 28.5 | 42.7 |

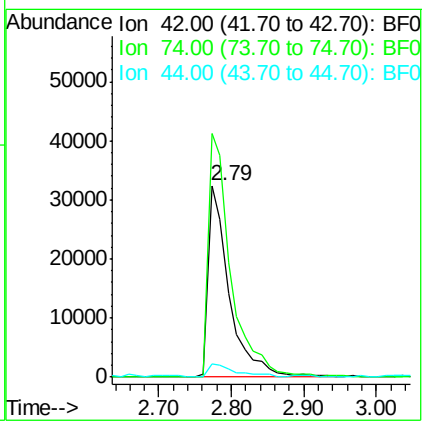


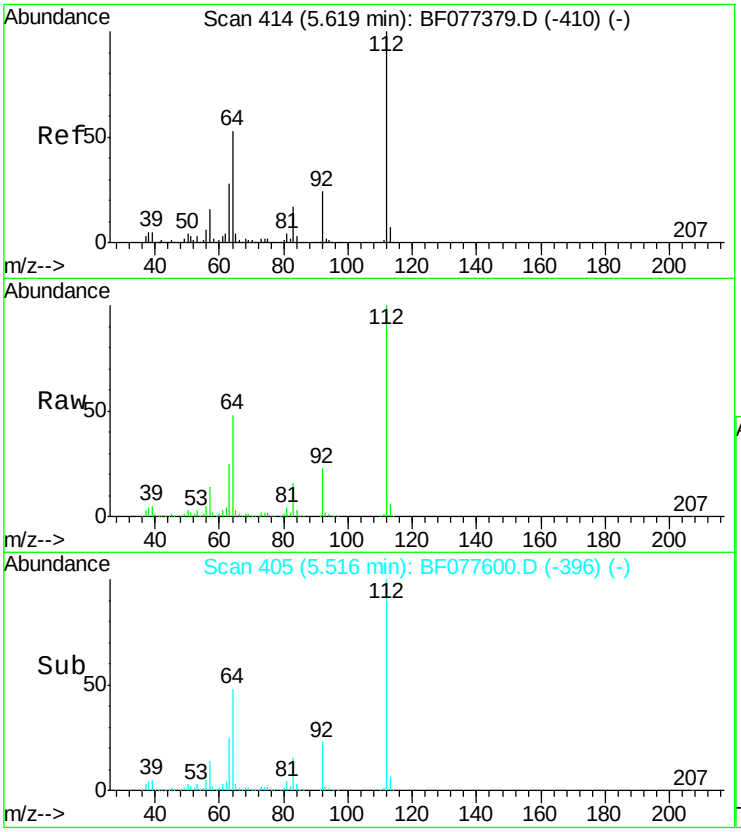




#4
n-Nitrosodimethylamine
Concen: 33.94 ng
RT: 2.79 min Scan# 167
Delta R.T. 0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion: 42 Resp: 65358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 136.5 | 107.1 | 160.7 |
| 44 | 9.2 | 6.7 | 10.1 |



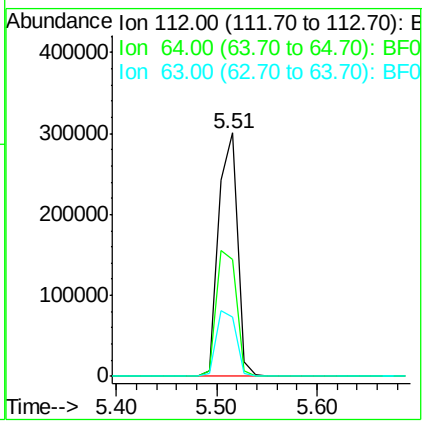


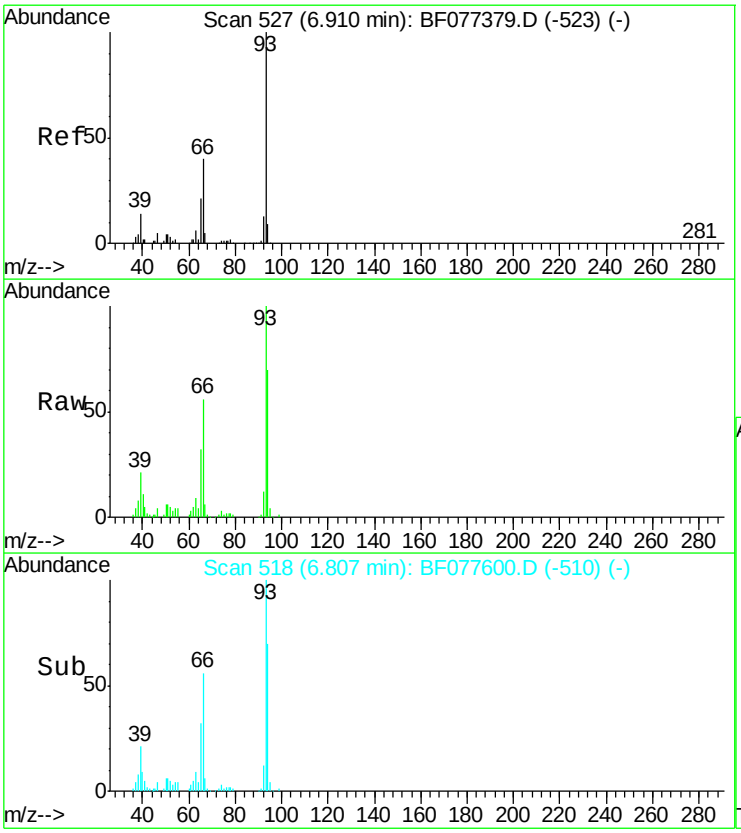

#5
2-Fluorophenol
Concen: 107.79 ng
RT: 5.51 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:112 Resp: 393272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 48.1 | 48.5 | 72.7# |
| 63 | 24.6 | 25.0 | 37.4# |

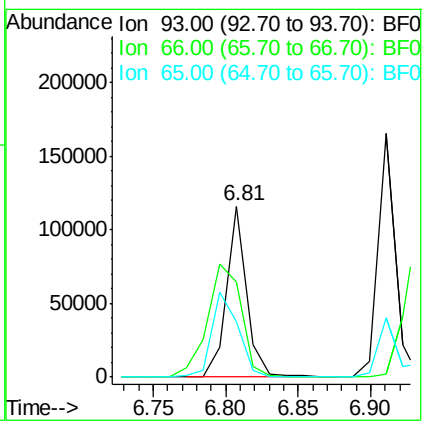


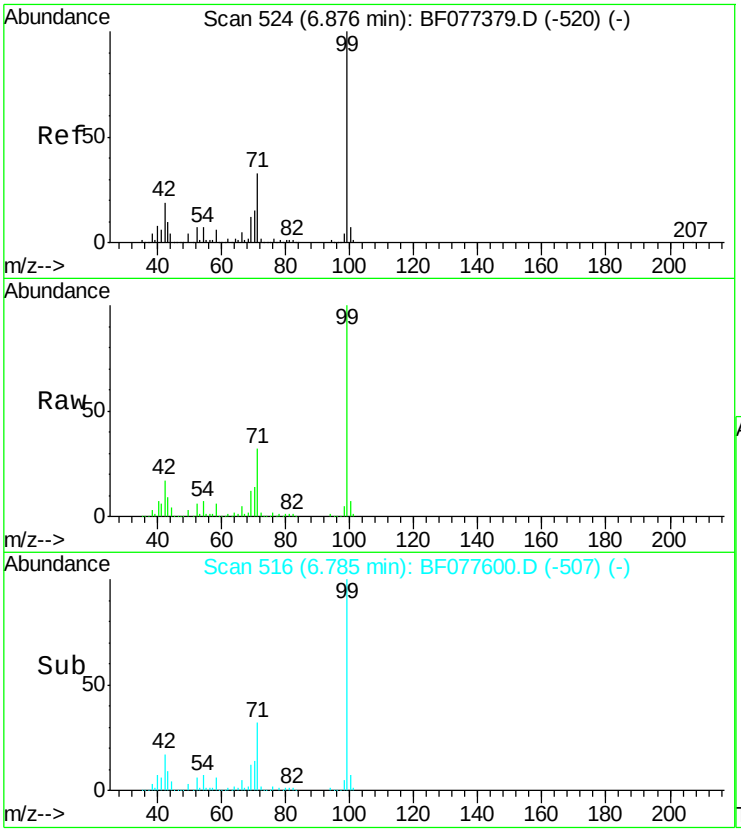




#6
Aniline
Concen: 17.42 ng
RT: 6.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion: 93 Resp: 112972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 55.9 | 29.1 | 43.7# |
| 65 | 32.1 | 14.6 | 22.0# |



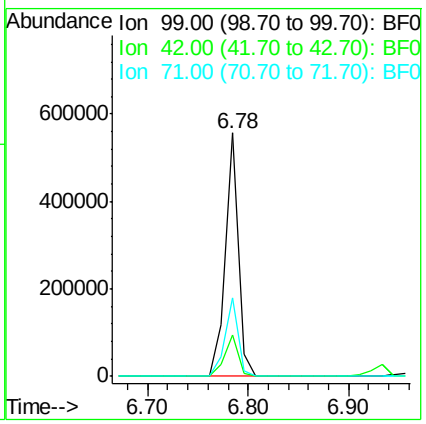


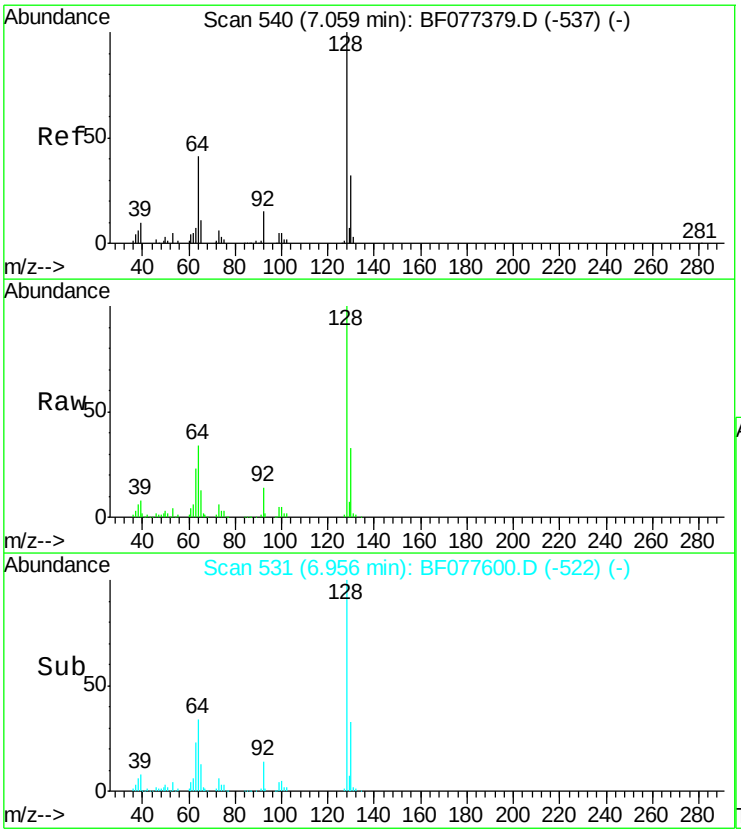

#7
Phenol-d6
Concen: 106.97 ng
RT: 6.78 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion: 99 Resp: 501795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.2 | 16.2 | 24.4 |
| 71 | 32.3 | 26.7 | 40.1 |

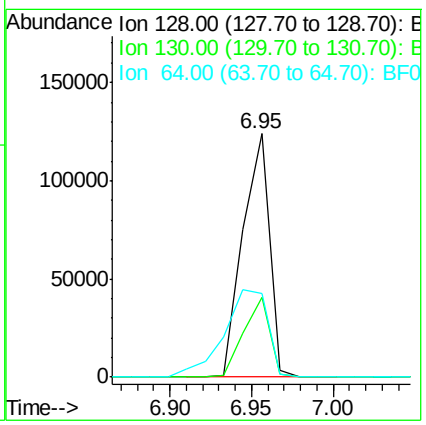


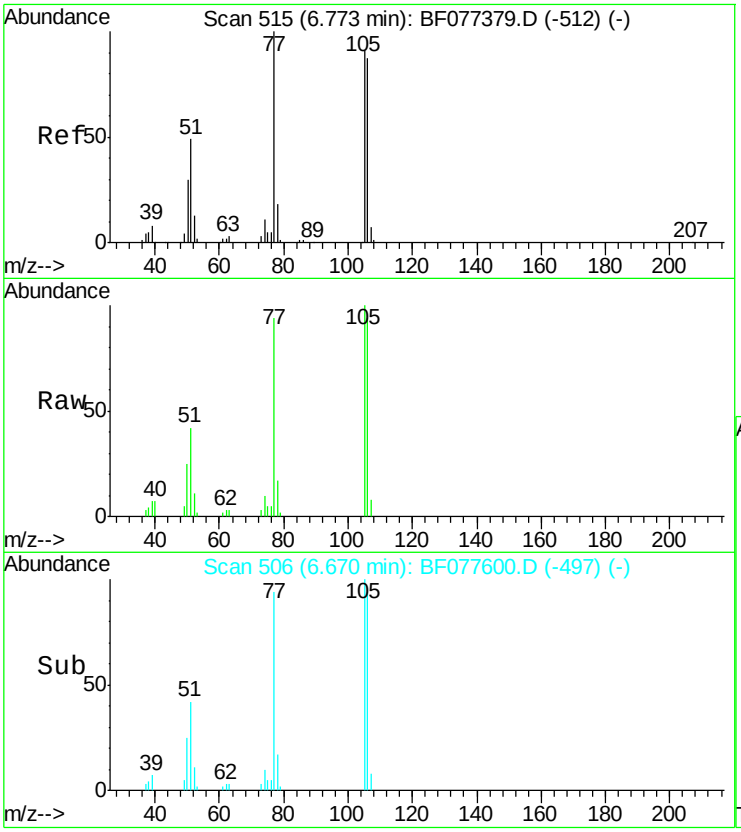




#8
2-Chlorophenol
Concen: 32.46 ng
RT: 6.95 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:128 Resp: 139703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 12.0 | 52.0 |
| 64 | 34.2 | 29.2 | 69.2 |



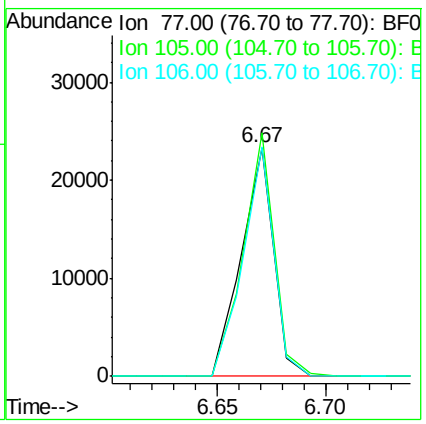


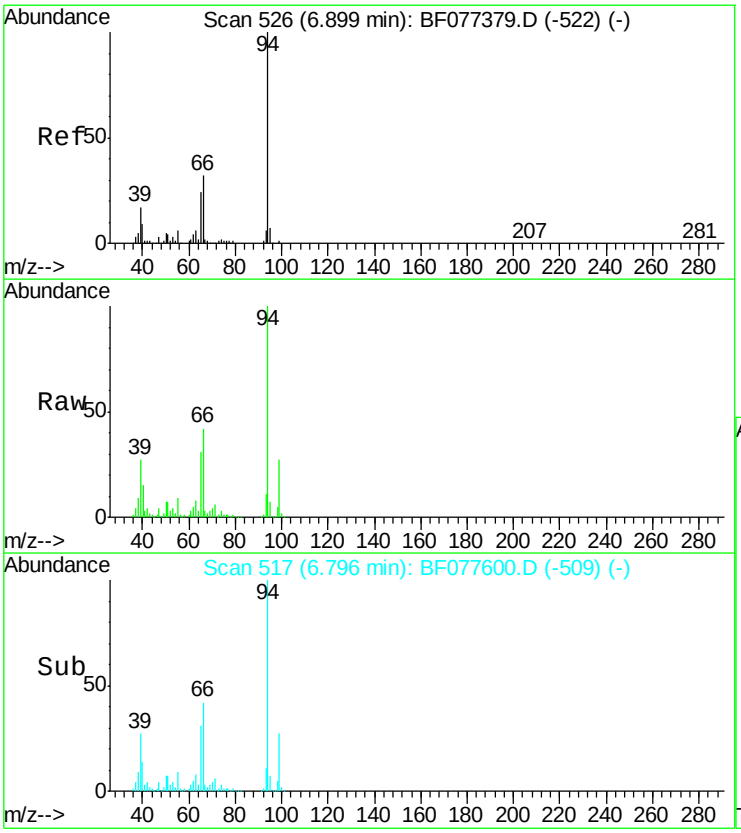

#9
Benzaldehyde
Concen: 8.41 ng
RT: 6.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion: 77 Resp: 23938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.6 | 85.9 | 125.9 |
| 106 | 100.7 | 82.9 | 122.9 |

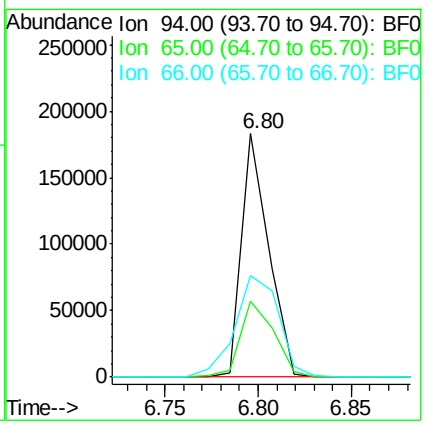


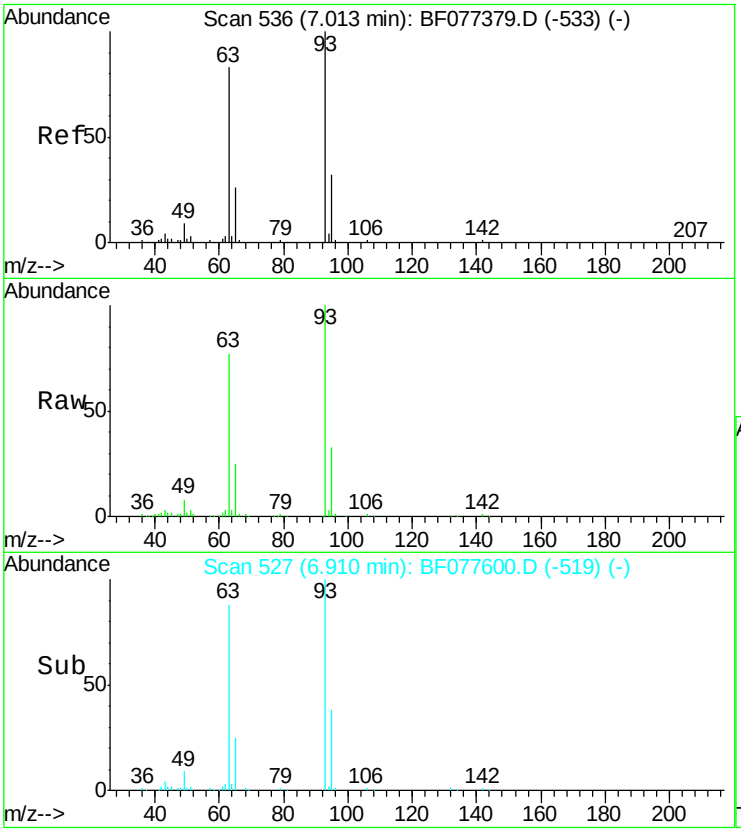




#10
Phenol
Concen: 33.46 ng
RT: 6.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion: 94 Resp: 186219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.3 | 5.7 | 45.7 |
| 66 | 41.7 | 13.6 | 53.6 |



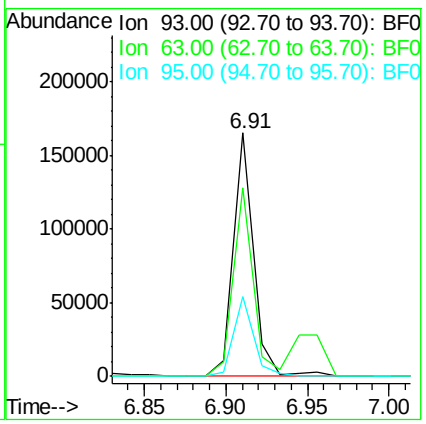


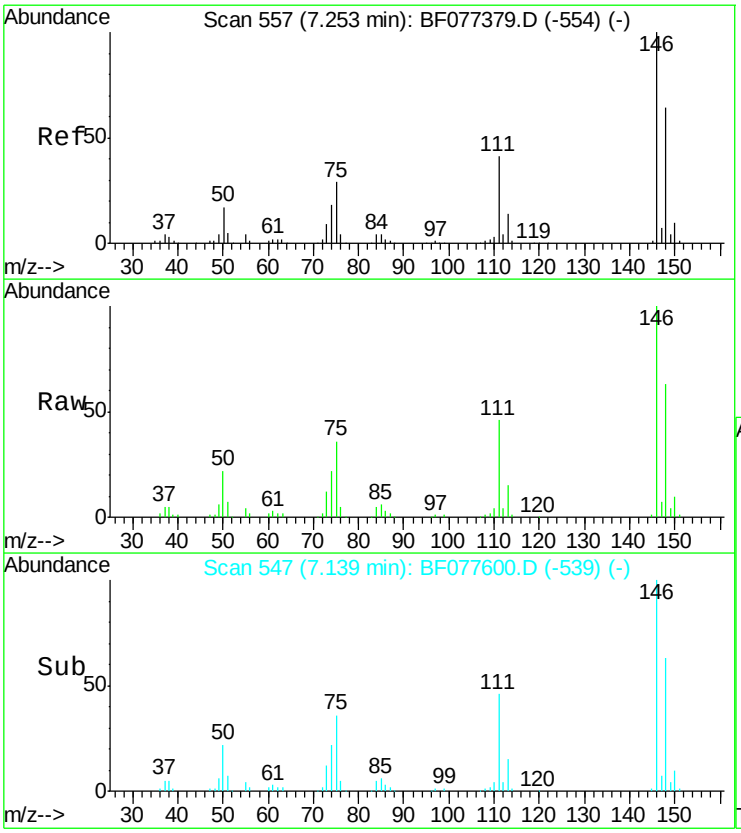

#11
bis(2-Chloroethyl)ether
Concen: 34.71 ng
RT: 6.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion: 93 Resp: 138842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 77.3 | 48.7 | 88.7 |
| 95 | 32.6 | 13.6 | 53.6 |

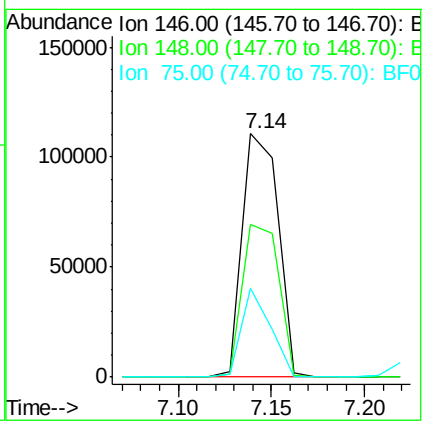


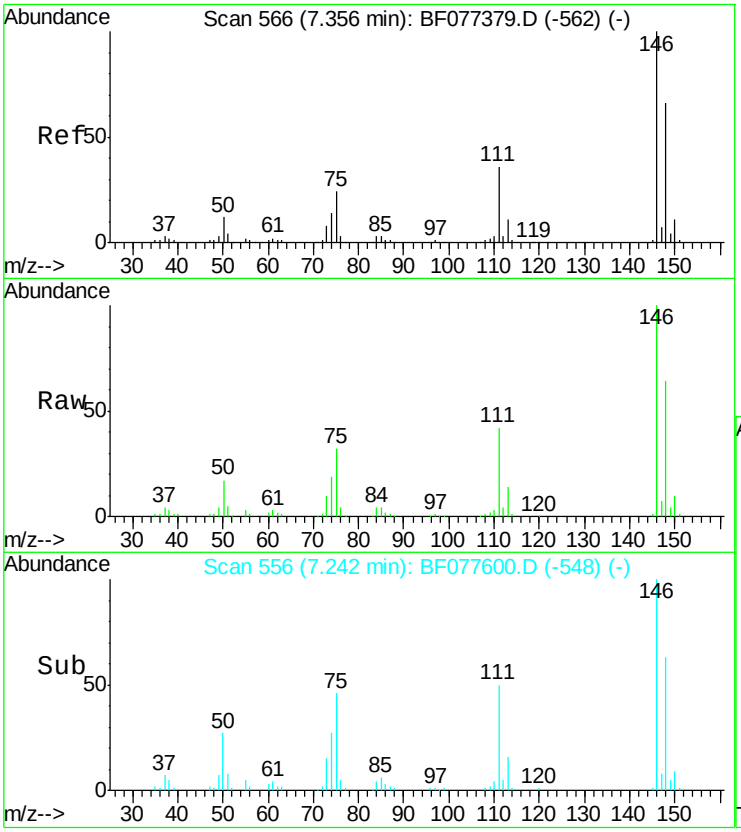




#12
1,3-Dichlorobenzene
Concen: 31.42 ng
RT: 7.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:146 Resp: 147236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.9 | 49.8 | 74.8 |
| 75 | 36.4 | 28.2 | 42.4 |



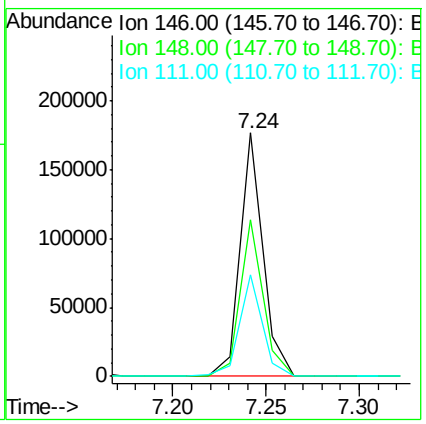


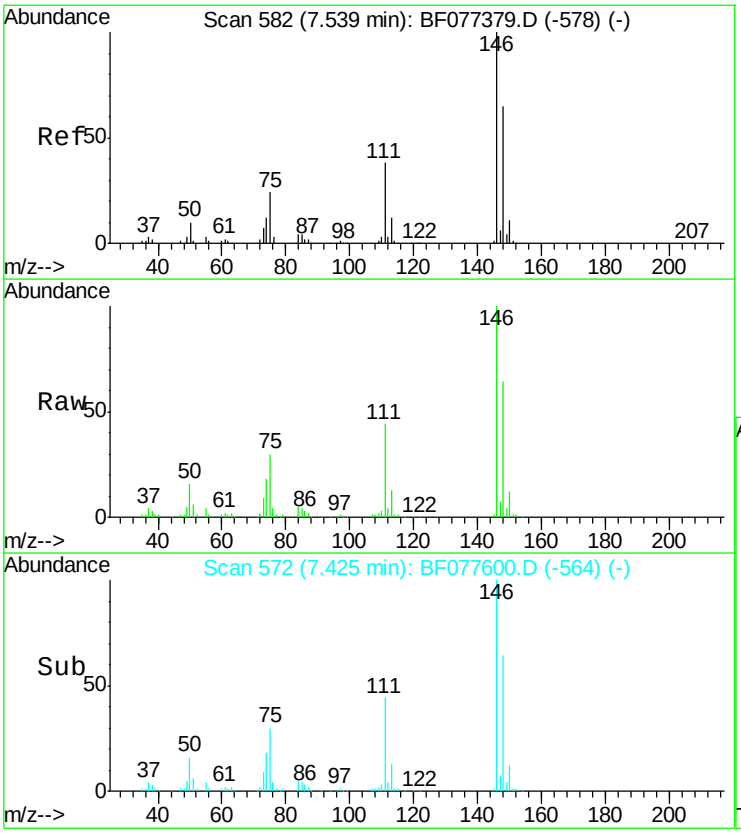

#13
1,4-Dichlorobenzene
Concen: 31.79 ng
RT: 7.24 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:146 Resp: 151546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 52.0 | 78.0 |
| 111 | 41.8 | 31.9 | 47.9 |

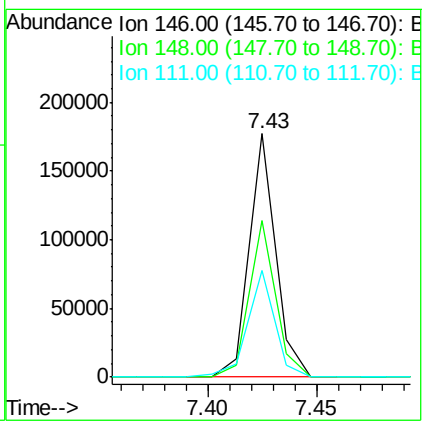


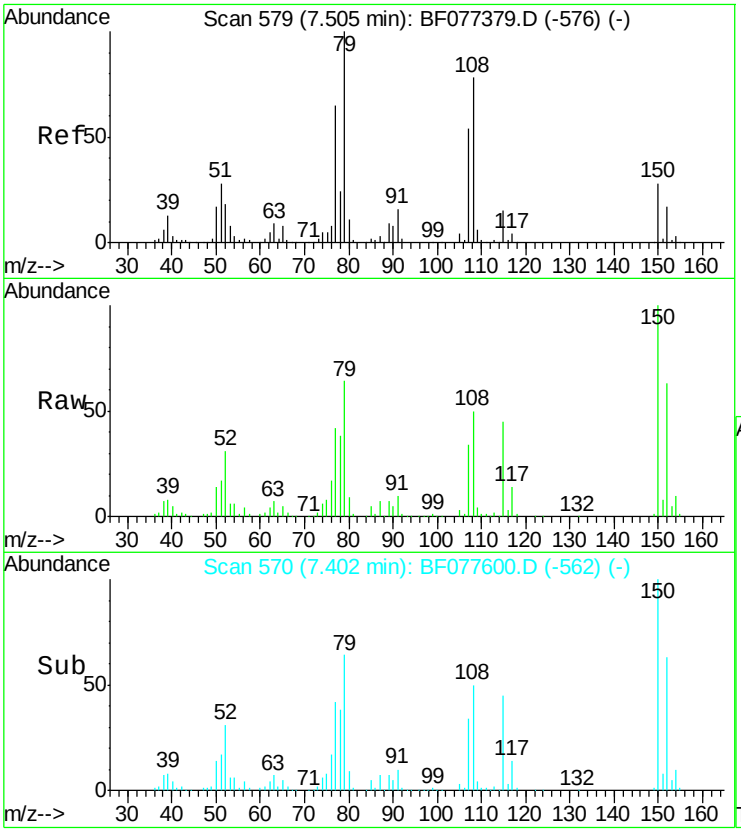




#14
1,2-Dichlorobenzene
Concen: 32.90 ng
RT: 7.43 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:146 Resp: 149218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.6 | 77.4 |
| 111 | 43.6 | 34.2 | 51.2 |



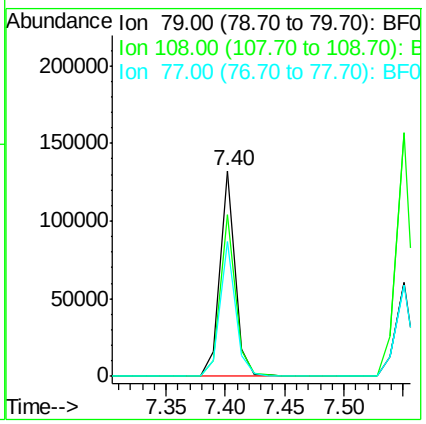


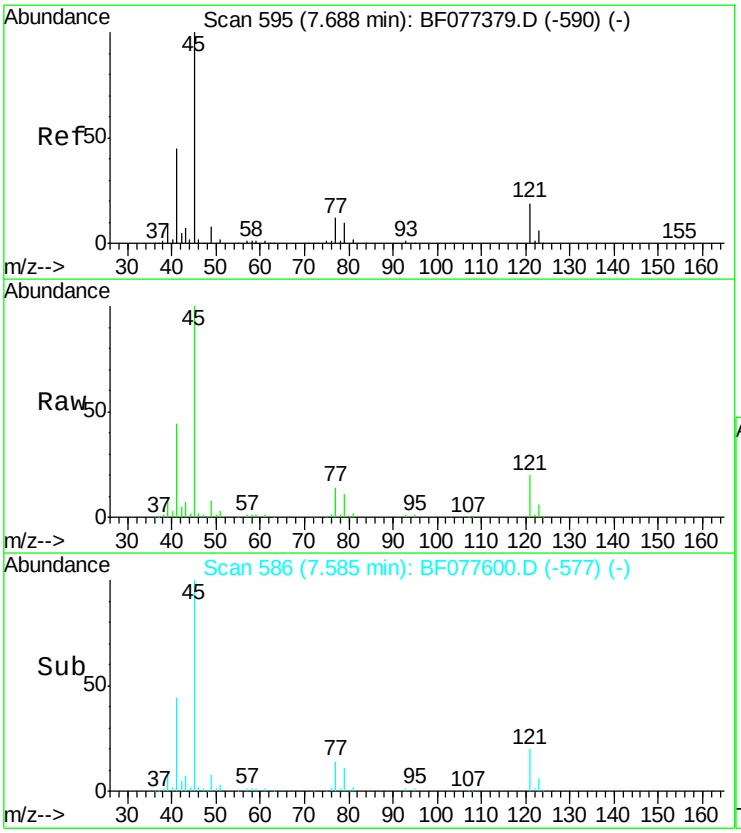

#15
Benzyl Alcohol
Concen: 32.67 ng
RT: 7.40 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion: 79 Resp: 116496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.5 | 58.3 | 87.5 |
| 77 | 65.5 | 51.3 | 76.9 |

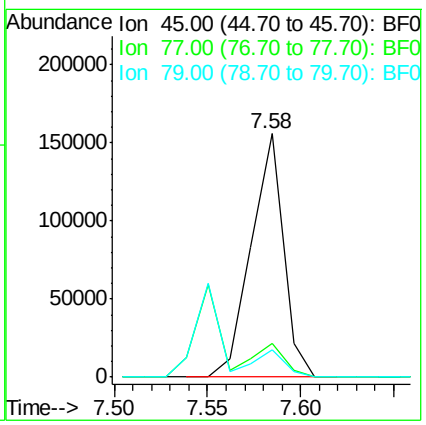


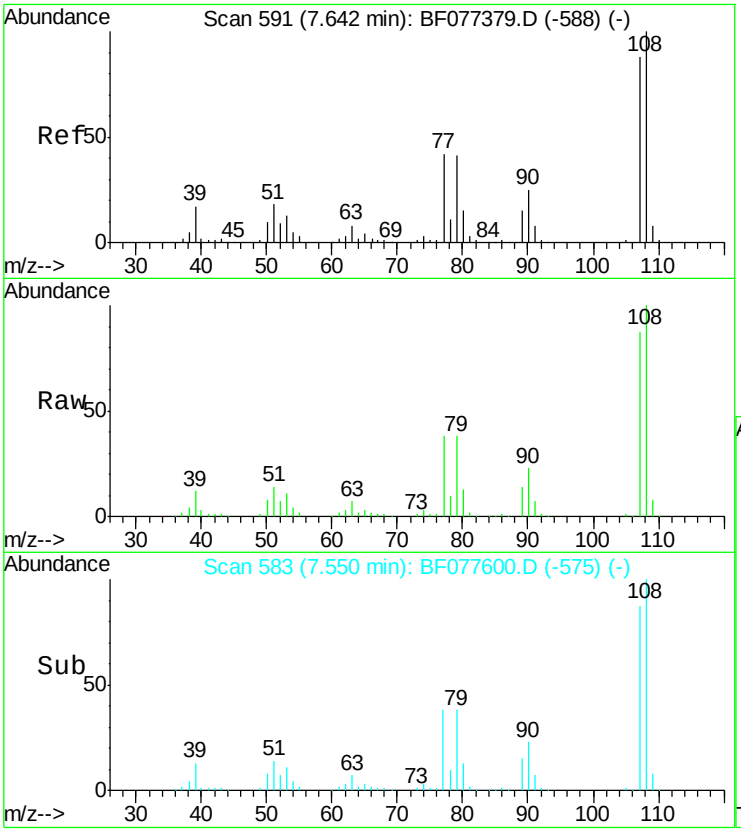




#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.73 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion: 45 Resp: 187144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.7 | 0.0 | 34.6 |
| 79 | 11.1 | 0.0 | 31.5 |



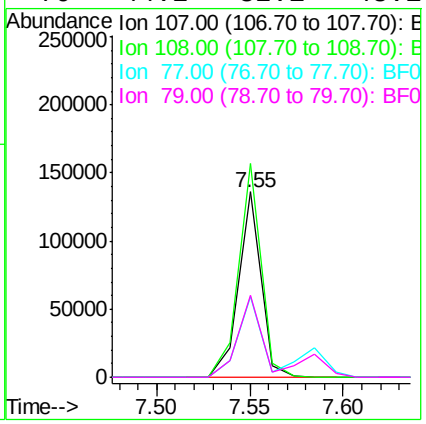


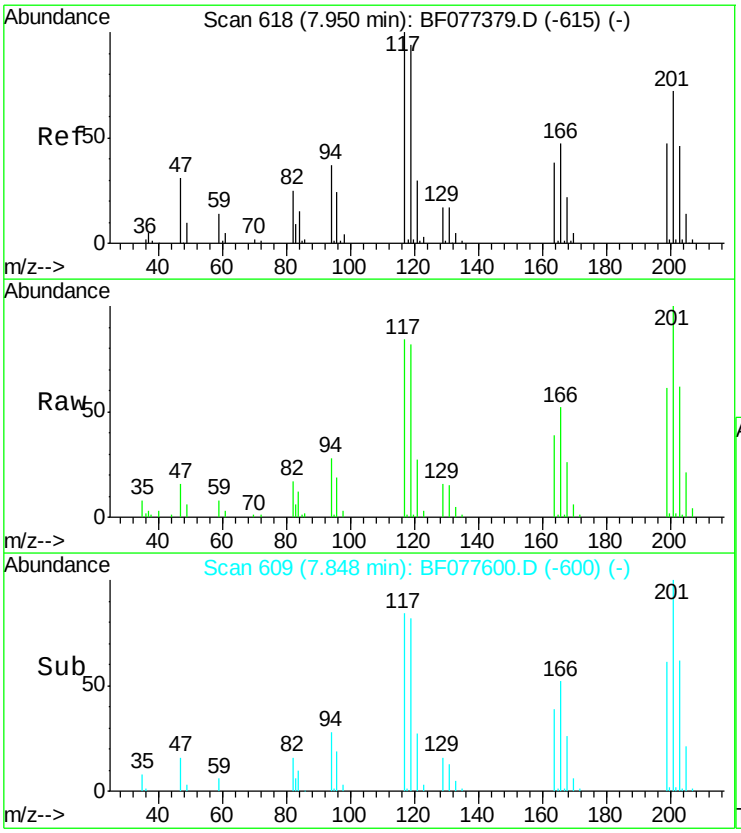

#17
2-Methylphenol
Concen: 34.10 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:107 Resp: 114701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.3 | 91.2 | 136.8 |
| 77 | 43.5 | 33.6 | 50.4 |
| 79 | 44.2 | 32.1 | 48.1 |

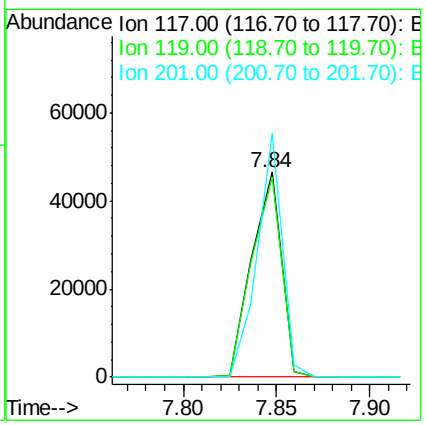


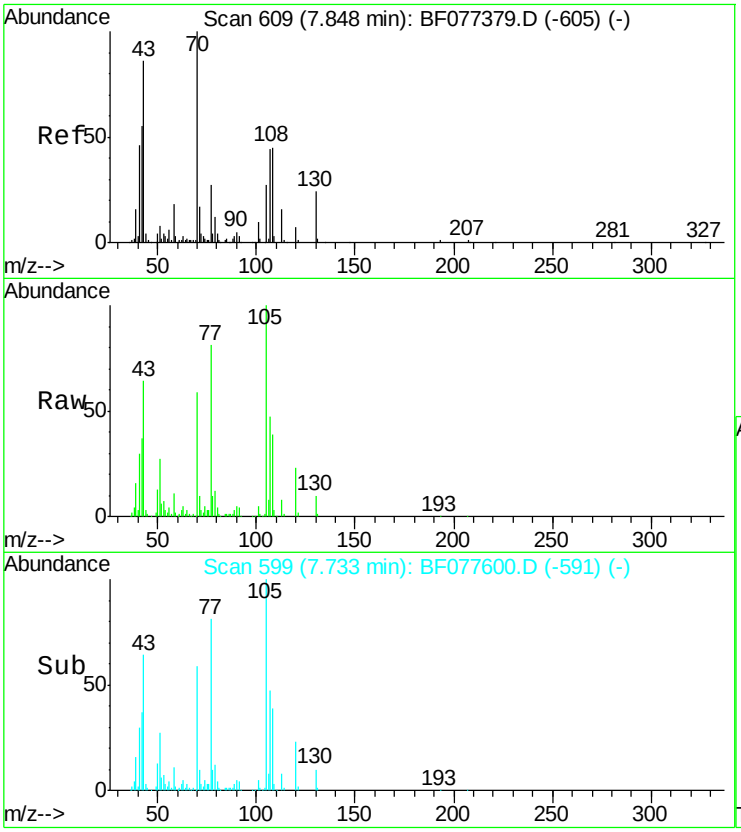




#18
Hexachloroethane
Concen: 31.97 ng
RT: 7.84 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:117 Resp: 50910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.4 | 77.8 | 116.8 |
| 201 | 118.7 | 90.6 | 136.0 |



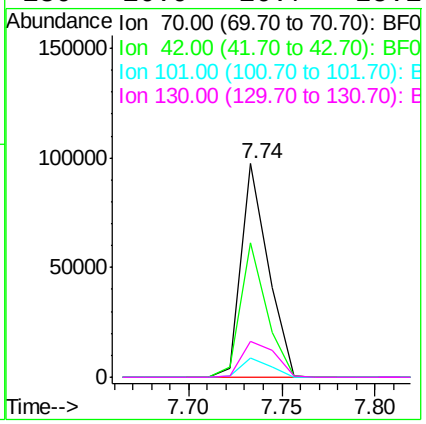


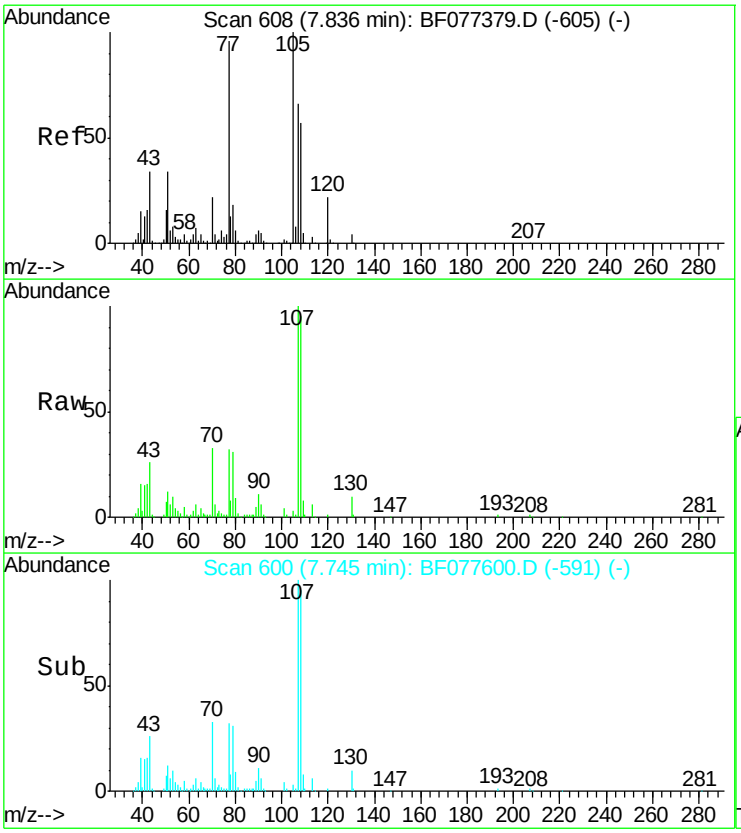

#19
n-Nitroso-di-n-propylamine
Concen: 32.87 ng
RT: 7.74 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion: 70 Resp: 97930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 63.0 | 48.3 | 72.5 |
| 101 | 8.8 | 7.5 | 11.3 |
| 130 | 16.9 | 16.7 | 25.1 |

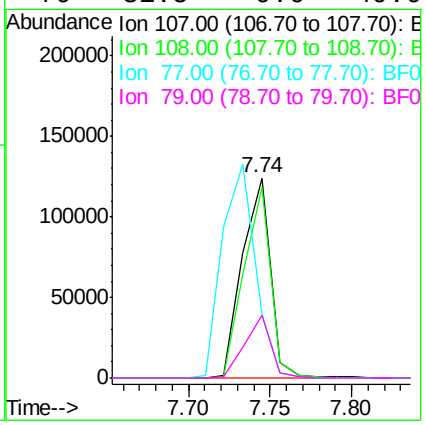


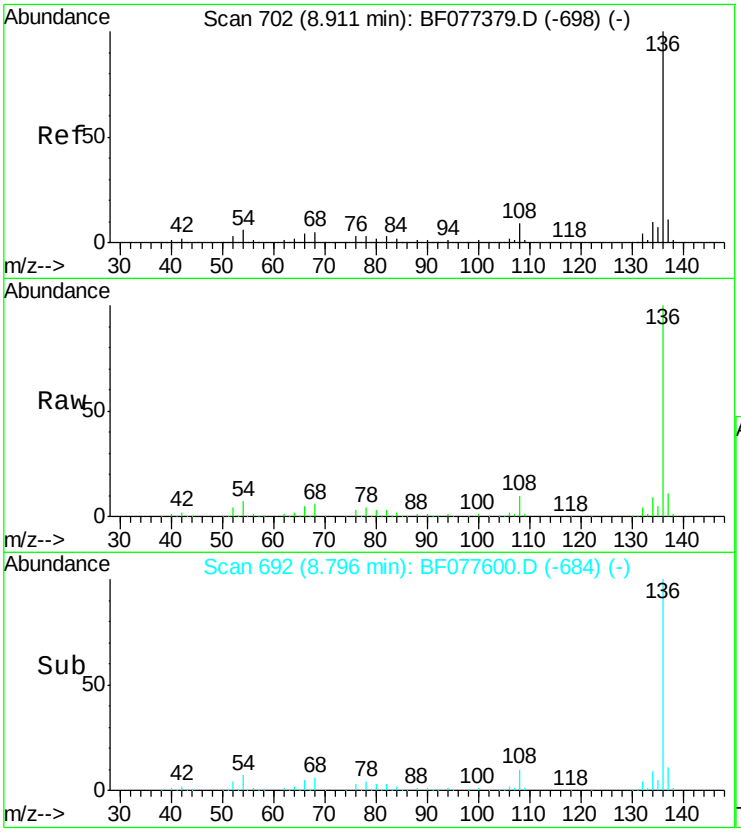




#20
3+4-Methylphenols
Concen: 33.38 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:107 Resp: 147914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 95.2 | 76.8 | 116.8 |
| 77 | 32.0 | 65.8 | 105.8# |
| 79 | 31.5 | 9.6 | 49.6 |



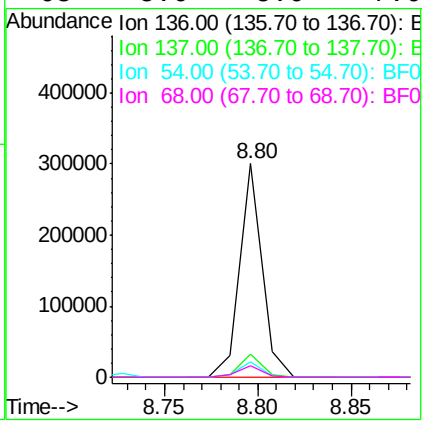


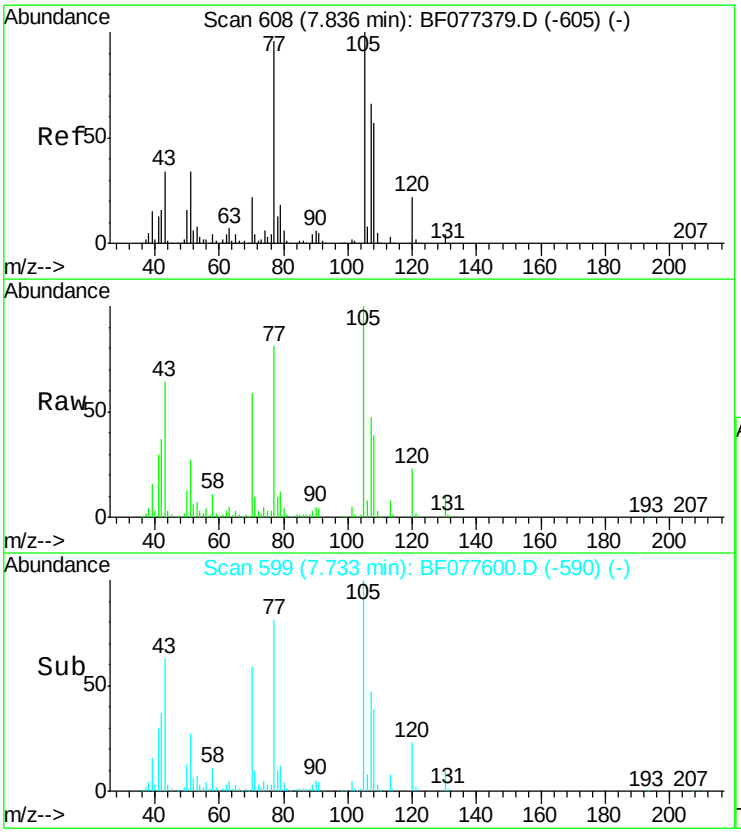

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:136 Resp: 251974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.6 | 13.0 |
| 54 | 7.1 | 6.2 | 9.4 |
| 68 | 5.6 | 5.0 | 7.6 |

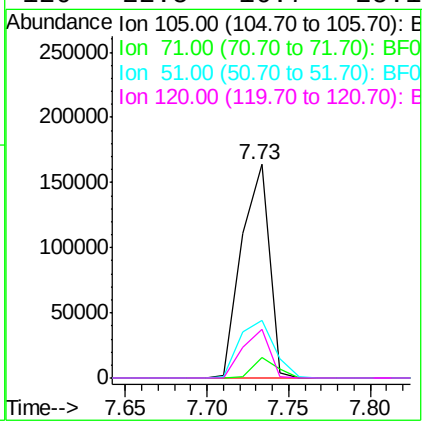


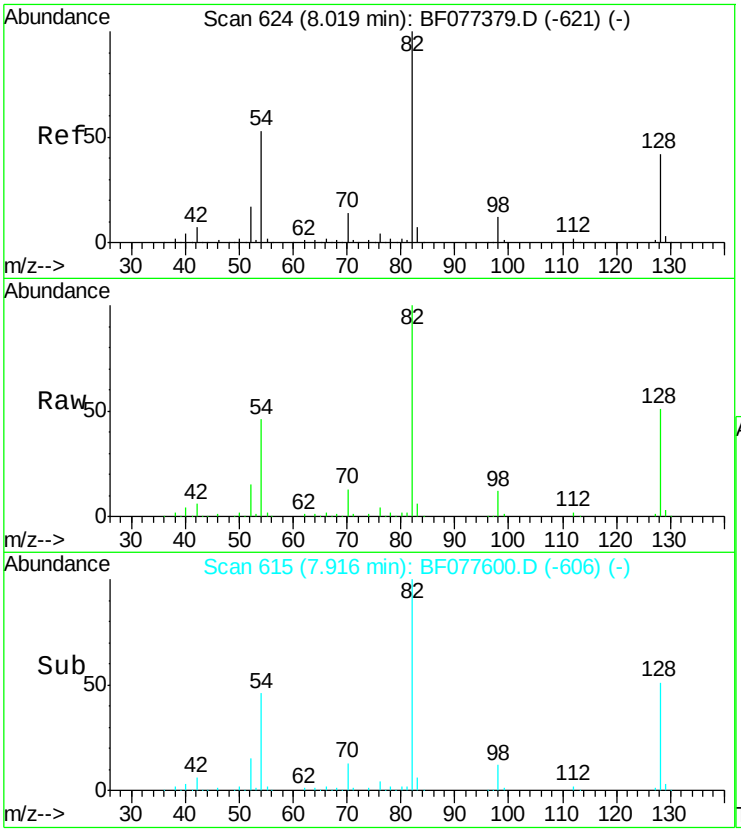




#22
Acetophenone
Concen: 32.57 ng
RT: 7.73 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:105 Resp: 193058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 9.8 | 1.7 | 2.5# |
| 51 | 27.2 | 30.7 | 46.1# |
| 120 | 22.5 | 16.7 | 25.1 |



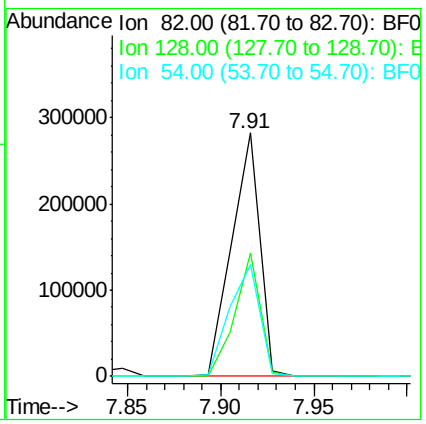


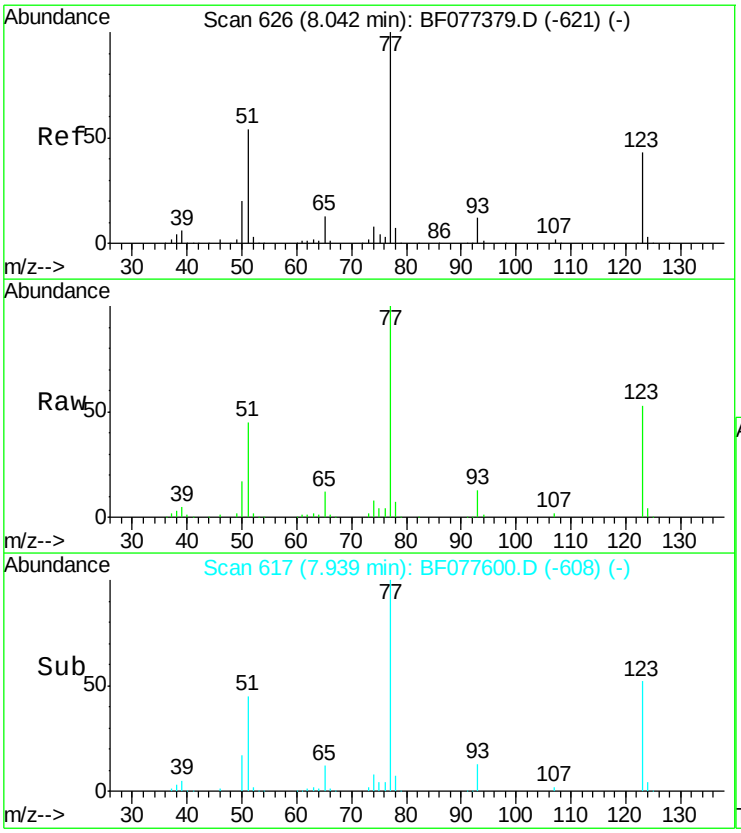

#23
Nitrobenzene-d5
Concen: 73.95 ng
RT: 7.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion: 82 Resp: 299636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.6 | 43.8 | 65.8 |
| 54 | 46.0 | 36.7 | 55.1 |

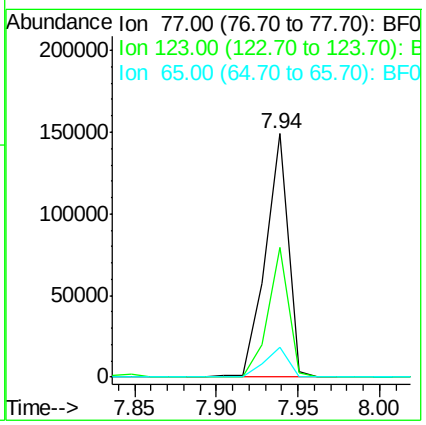


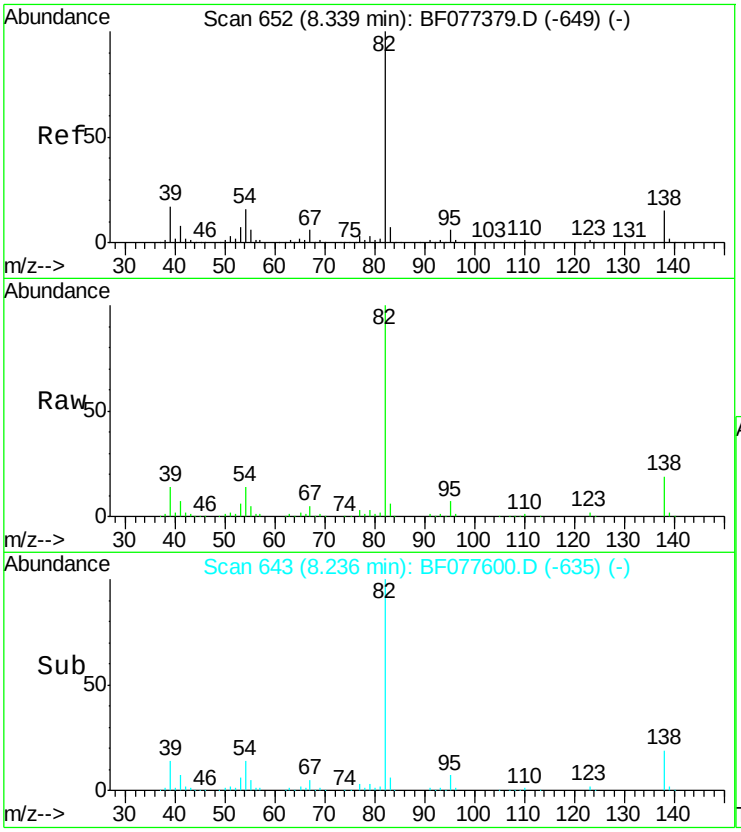




#24
Nitrobenzene
Concen: 34.15 ng
RT: 7.94 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion: 77 Resp: 145592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 53.1 | 45.9 | 68.9 |
| 65 | 12.3 | 9.5 | 14.3 |



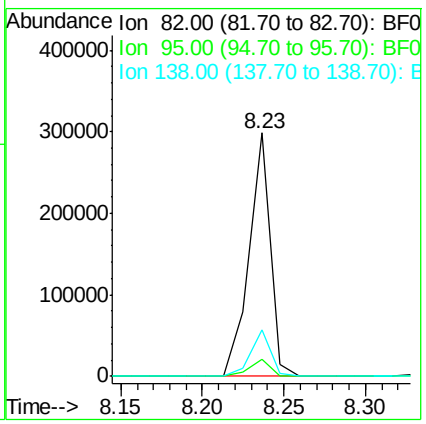


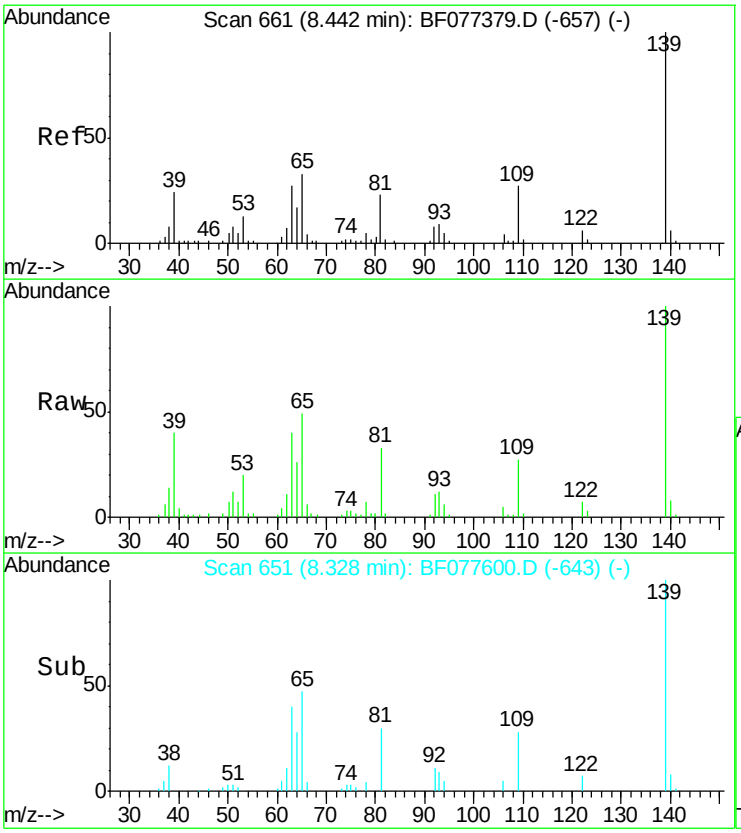

#25
Isophorone
Concen: 33.48 ng
RT: 8.23 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion: 82 Resp: 269157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.4 | 8.2 |
| 138 | 18.9 | 16.3 | 24.5 |

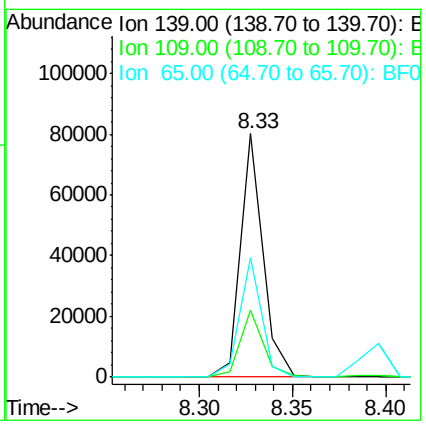


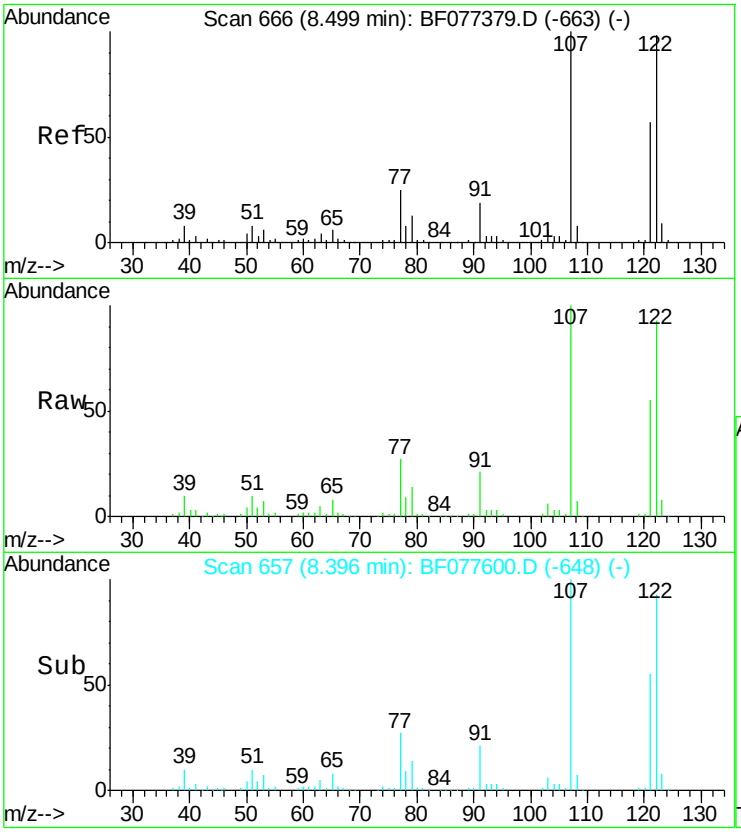




#26
2-Nitrophenol
Concen: 38.65 ng
RT: 8.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:139 Resp: 67534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.3 | 22.6 | 34.0 |
| 65 | 49.3 | 36.4 | 54.6 |



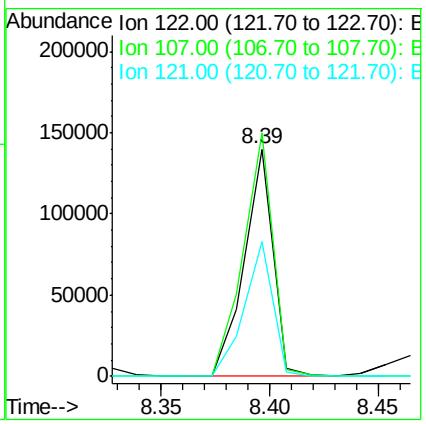


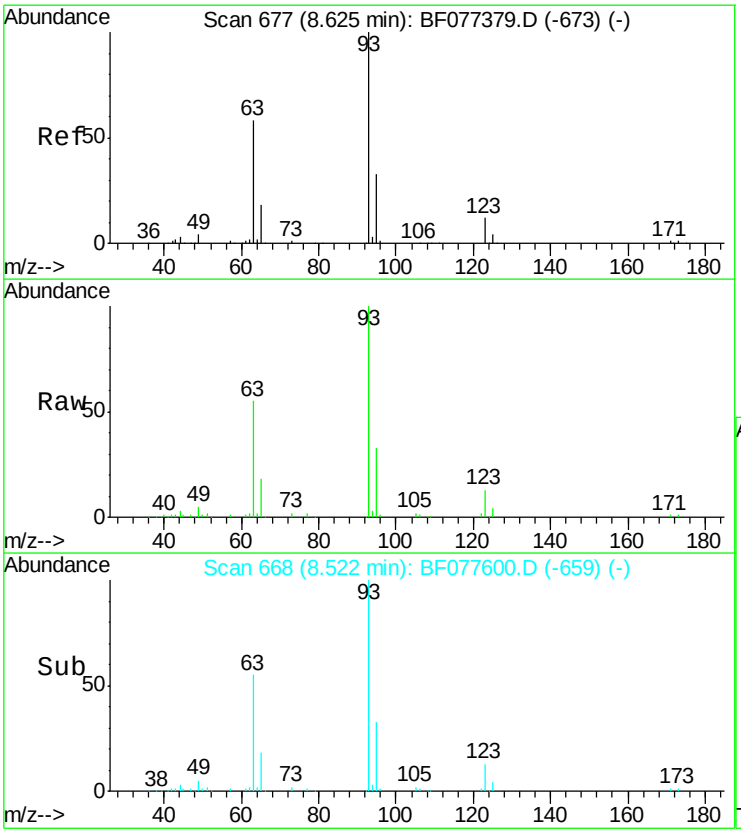

#27
2,4-Dimethylphenol
Concen: 32.82 ng
RT: 8.39 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:122 Resp: 128303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 107.0 | 86.6 | 130.0 |
| 121 | 59.3 | 47.4 | 71.0 |

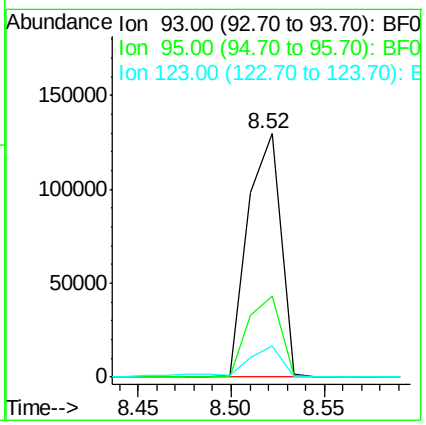


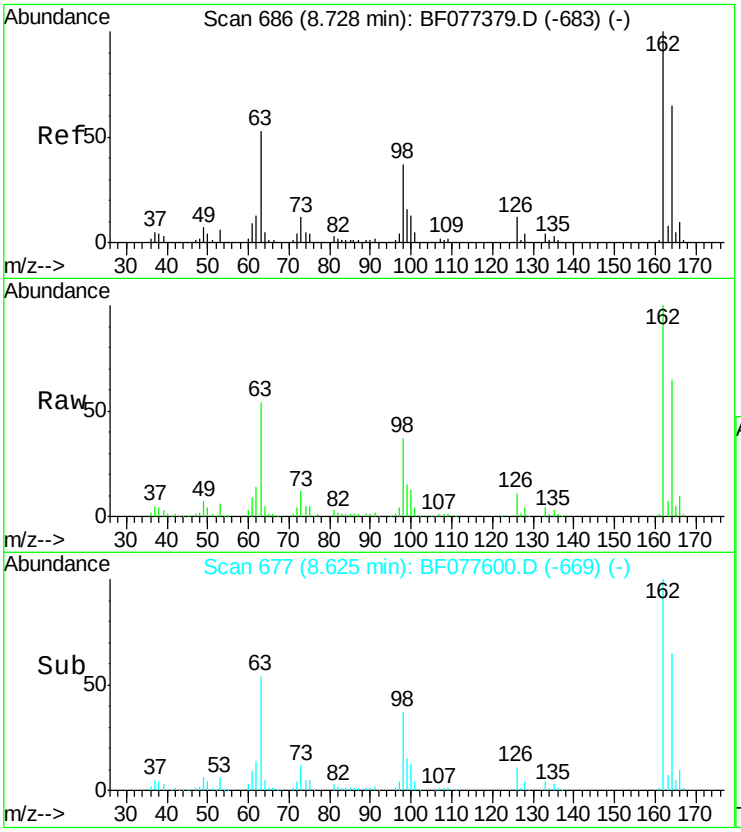




#28
bis(2-Chloroethoxy)methane
Concen: 31.14 ng
RT: 8.52 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion: 93 Resp: 158163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.3 | 26.4 | 39.6 |
| 123 | 12.9 | 8.7 | 13.1 |



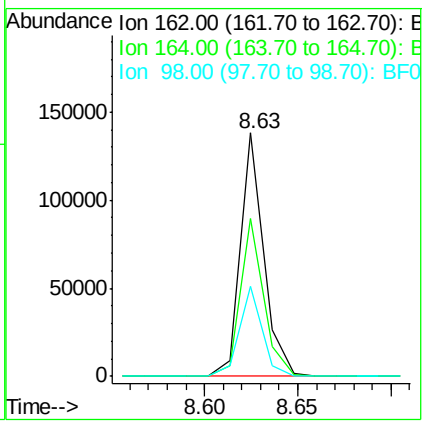


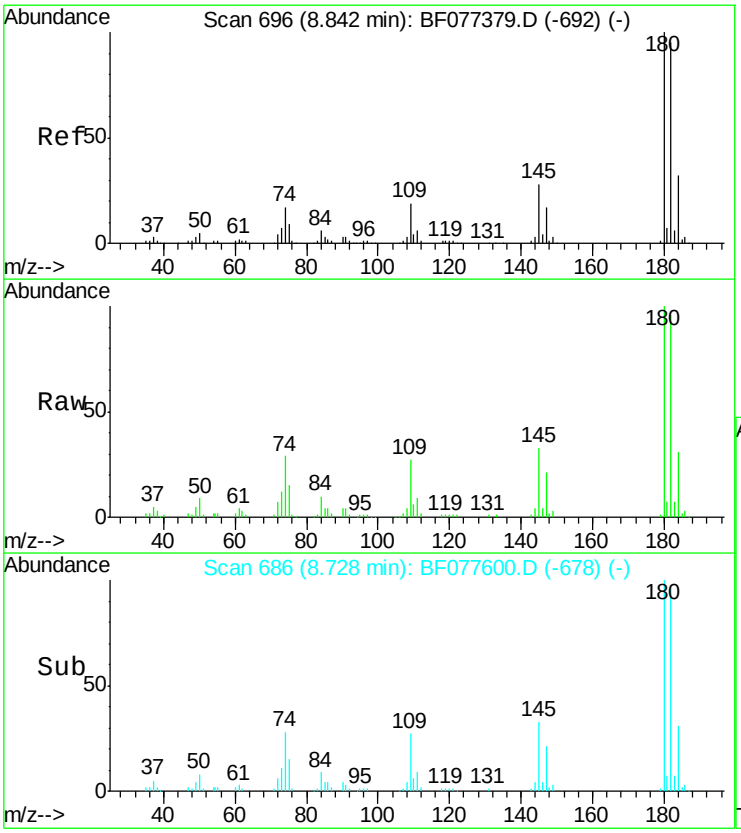

#29
2,4-Dichlorophenol
Concen: 32.89 ng
RT: 8.63 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:162 Resp: 120706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.8 | 46.4 | 86.4 |
| 98 | 37.0 | 6.9 | 46.9 |

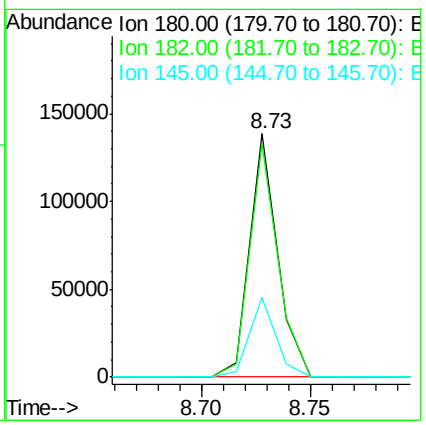


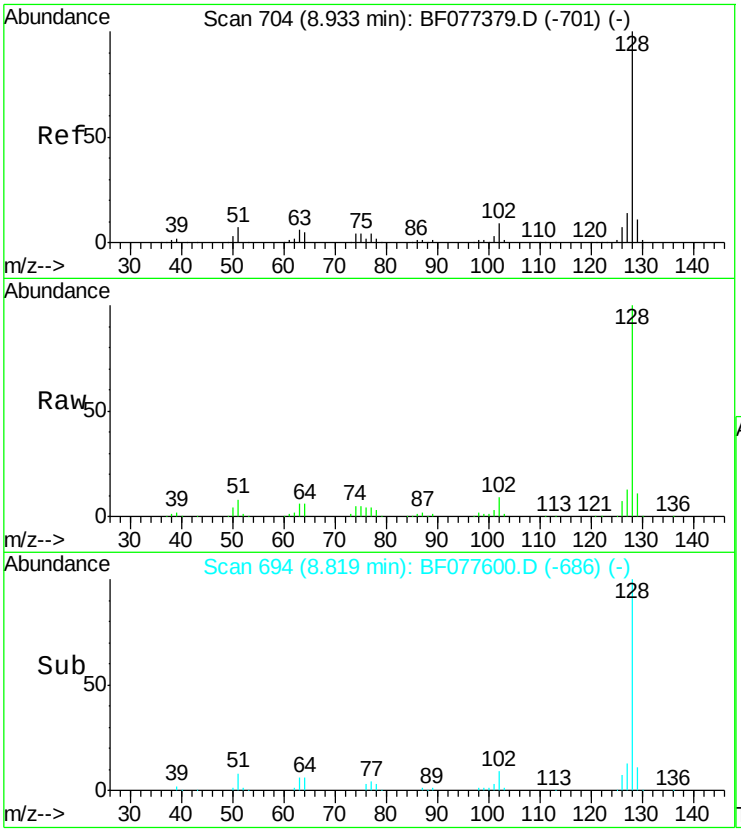




#30
1,2,4-Trichlorobenzene
Concen: 30.55 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:180 Resp: 123233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 76.2 | 114.4 |
| 145 | 32.5 | 24.5 | 36.7 |



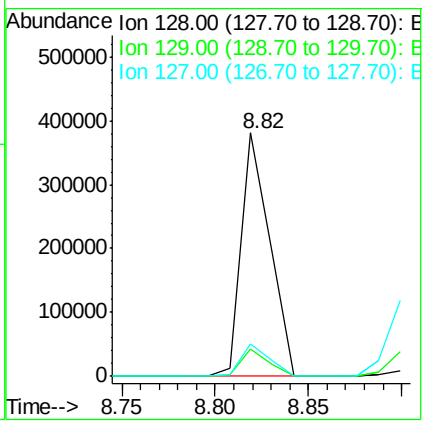


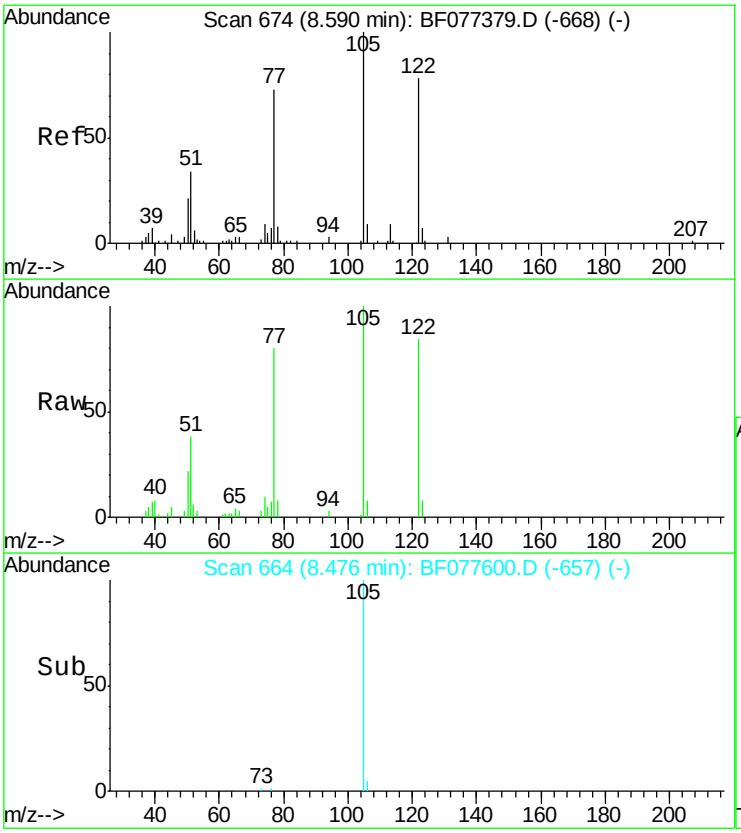

#31
Naphthalene
Concen: 32.00 ng
RT: 8.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:128 Resp: 403219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 9.4 | 14.0 |
| 127 | 13.2 | 10.6 | 15.8 |

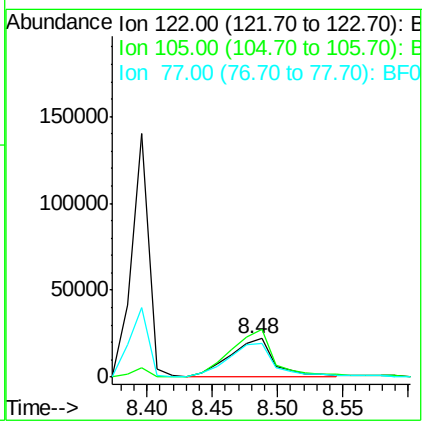


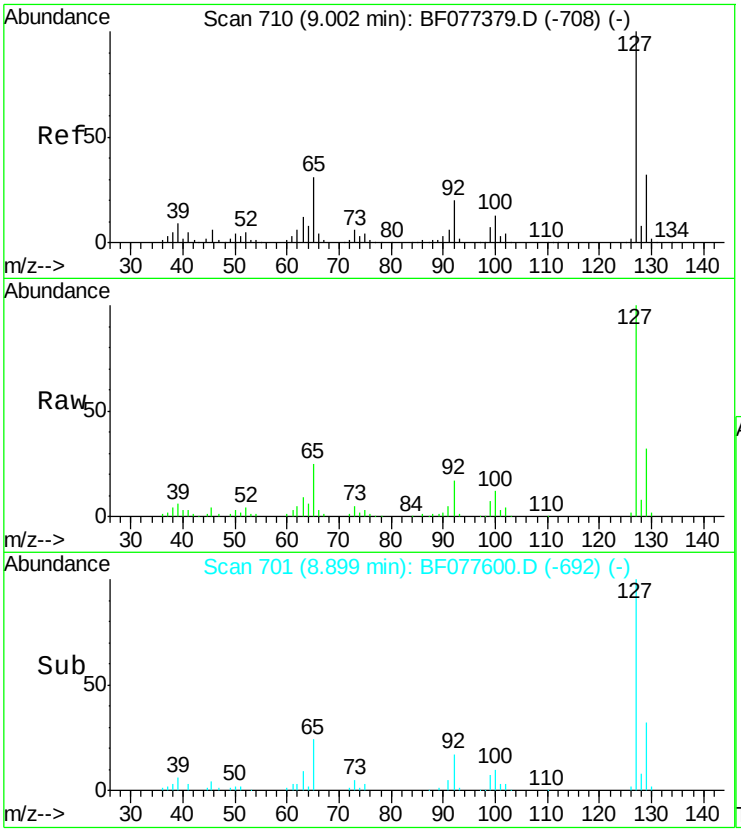




#32
Benzoic acid
Concen: 27.09 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:122 Resp: 51459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 119.0 | 100.3 | 140.3 |
| 77 | 95.5 | 68.7 | 108.7 |



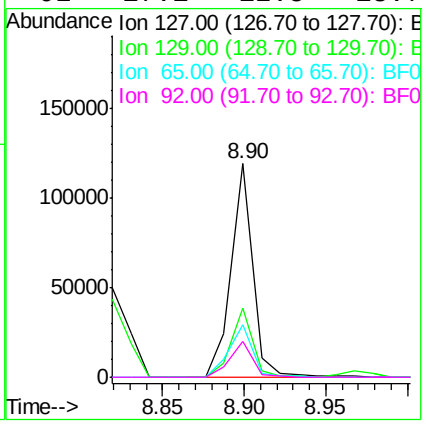


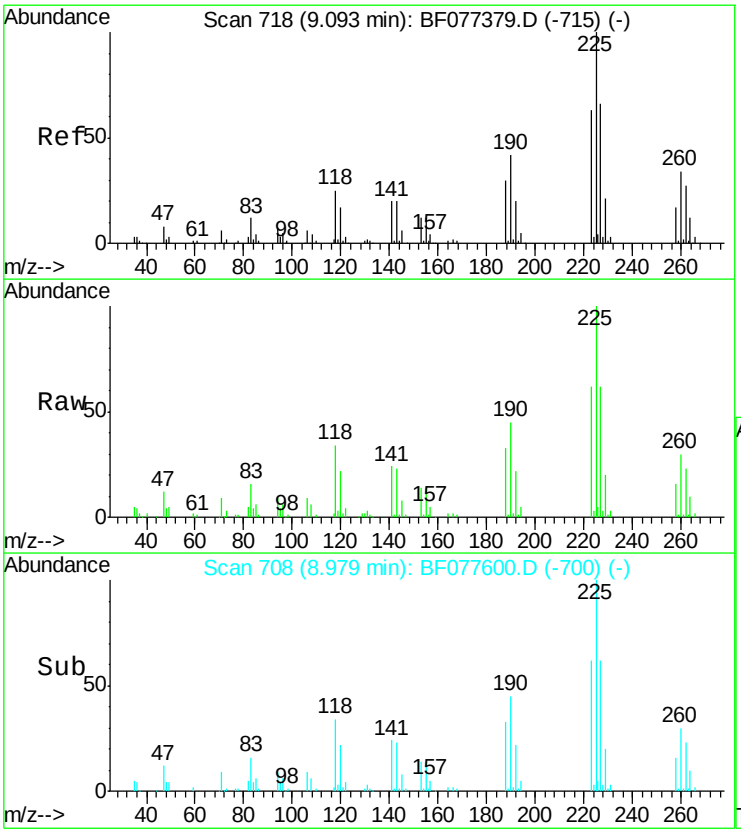

#33
4-Chloroaniline
Concen: 19.46 ng
RT: 8.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:127 Resp: 109002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.1 | 26.9 | 40.3 |
| 65 | 24.7 | 16.7 | 25.1 |
| 92 | 17.1 | 12.5 | 18.7 |

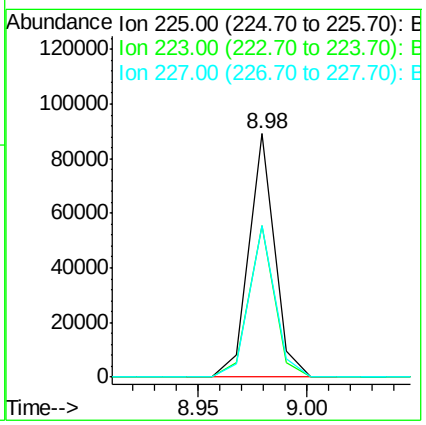


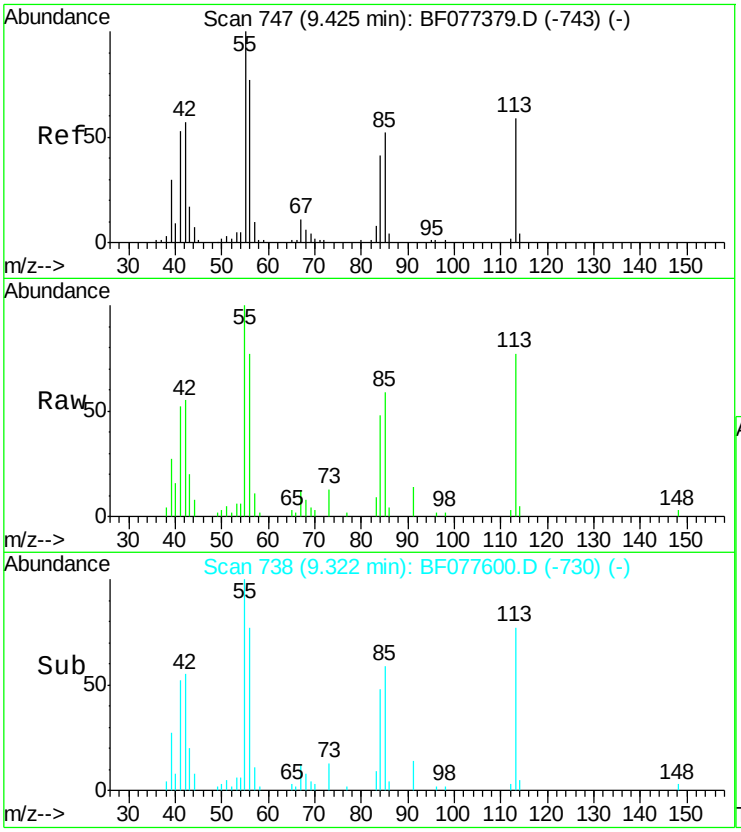




#34
Hexachlorobutadiene
Concen: 31.92 ng
RT: 8.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:225 Resp: 73514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 49.5 | 74.3 |
| 227 | 62.2 | 50.5 | 75.7 |



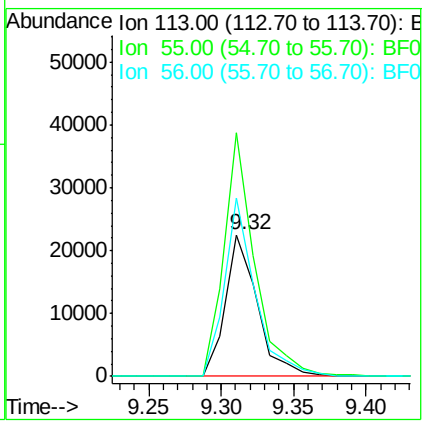


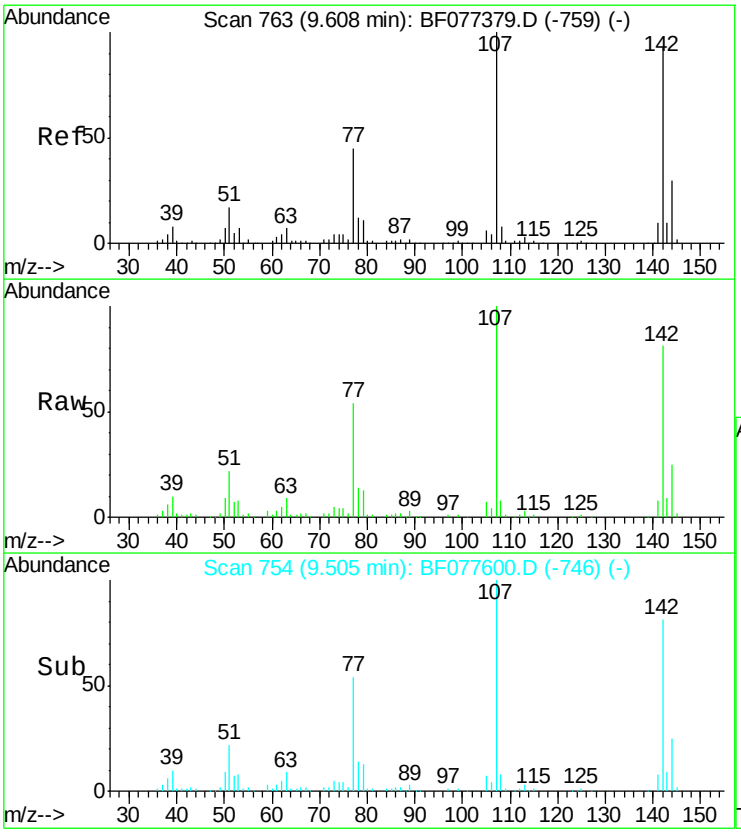

#35
Caprolactam
Concen: 30.72 ng
RT: 9.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:113 Resp: 34416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 130.6 | 154.6 | 194.6# |
| 56 | 101.0 | 114.0 | 154.0# |

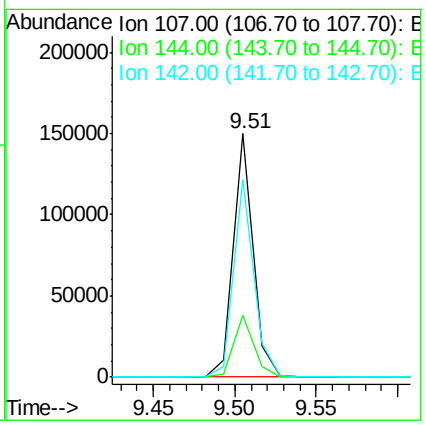


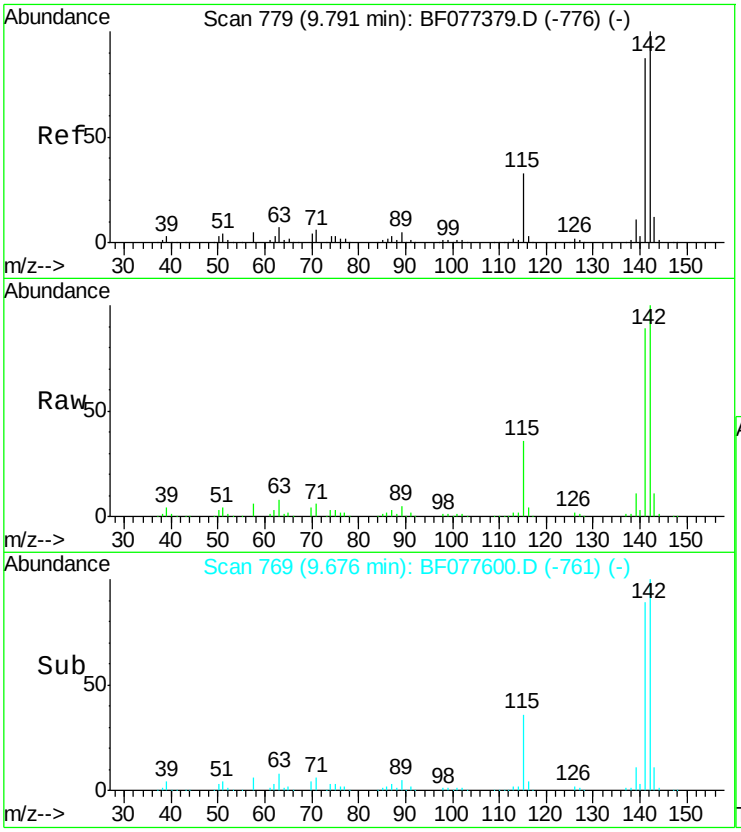




#36
4-Chloro-3-methylphenol
Concen: 33.82 ng
RT: 9.51 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:107 Resp: 124769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.2 | 21.1 | 31.7 |
| 142 | 81.2 | 65.3 | 97.9 |



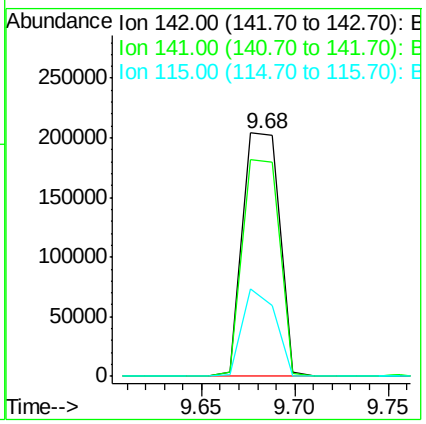


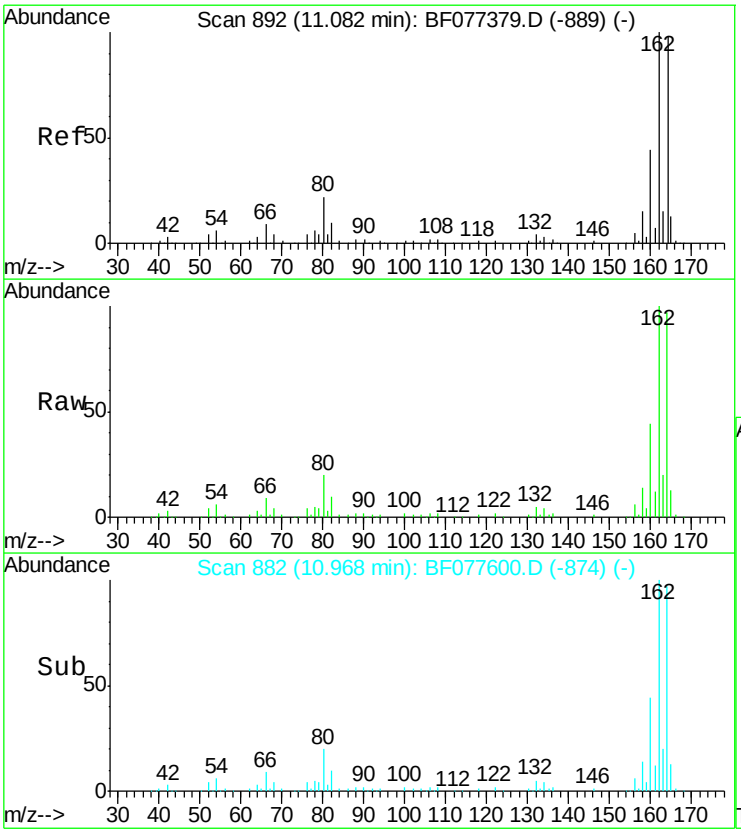

#37
2-Methylnaphthalene
Concen:  31.64 ng
RT: 9.68 min  Scan# 769
Delta R.T.  -0.00 min
Lab File:  BF077600.D
Acq:  5 Mar 2015  2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:142 Resp:  283156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.8 | 70.7 | 106.1 |
| 115 | 35.7 | 24.2 | 36.4 |

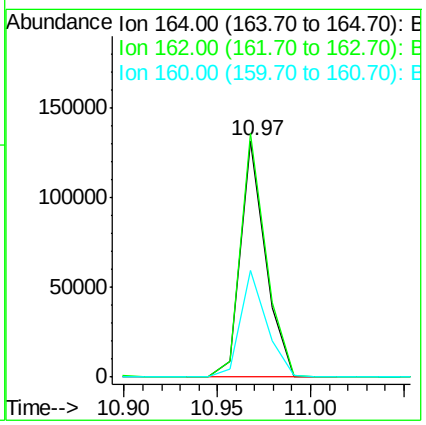


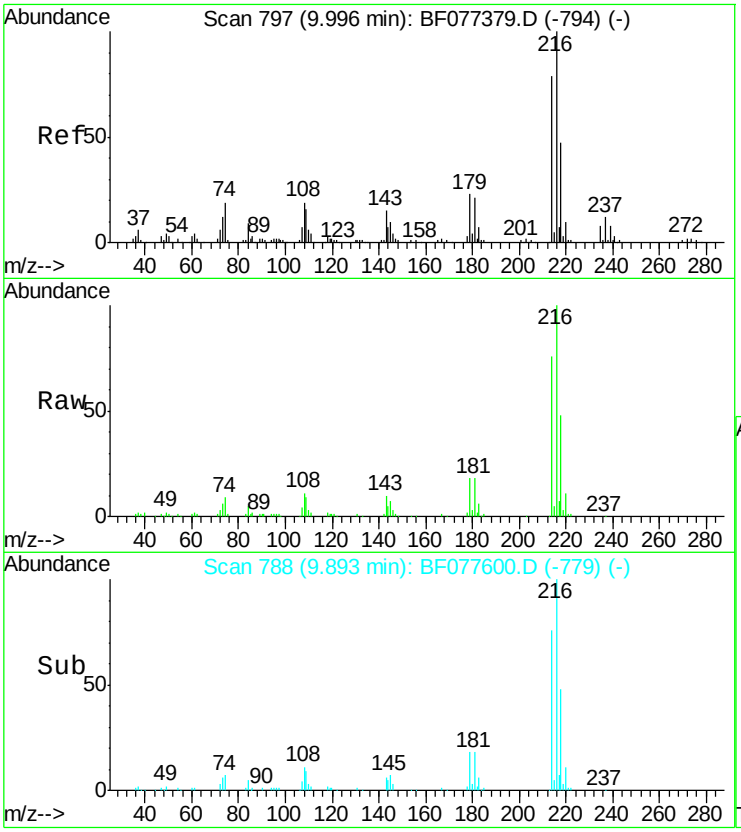




#38
Acenaphthene-d10
Concen:  20.00 ng
RT: 10.97 min  Scan# 882
Delta R.T.  -0.00 min
Lab File:  BF077600.D
Acq:  5 Mar 2015  2:36

Tgt Ion:164 Resp:  123154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 83.2 | 124.8 |
| 160 | 45.4 | 34.6 | 52.0 |



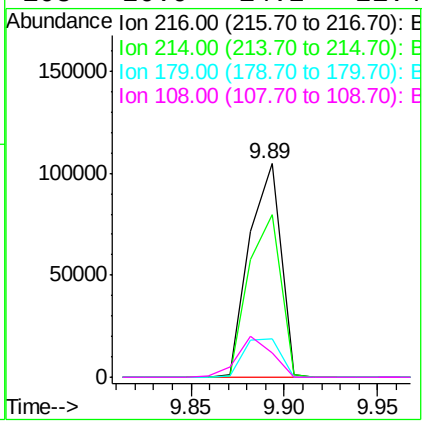


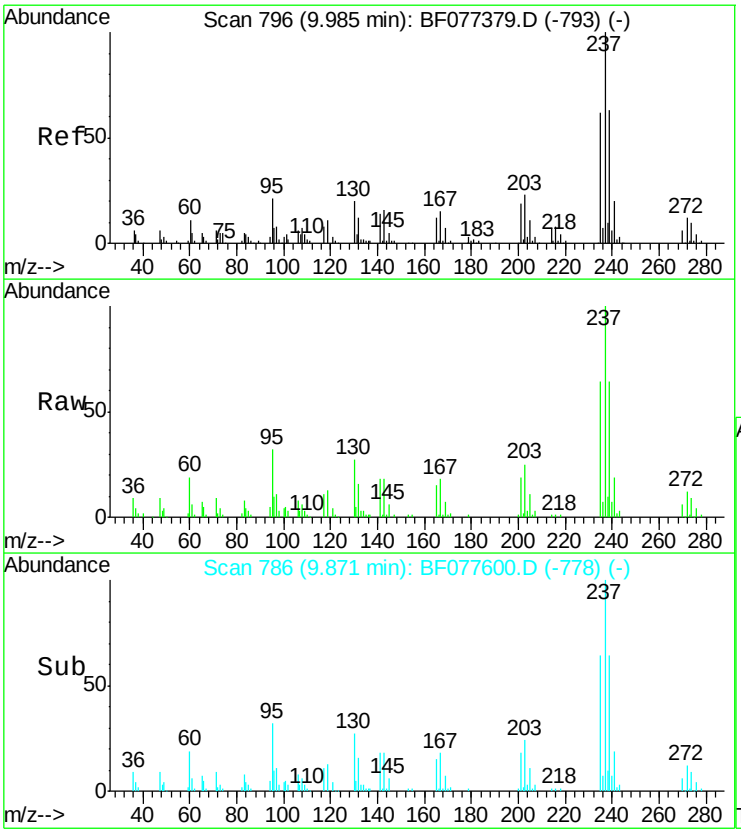

#39
1,2,4,5-Tetrachlorobenzene
Concen: 34.71 ng
RT: 9.89 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:216 Resp: 122667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.9 | 63.4 | 95.0 |
| 179 | 20.8 | 16.6 | 25.0 |
| 108 | 20.9 | 14.2 | 21.4 |

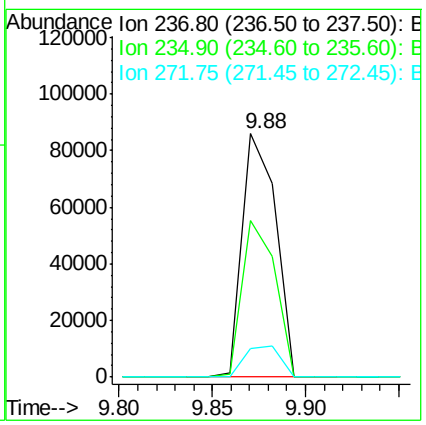


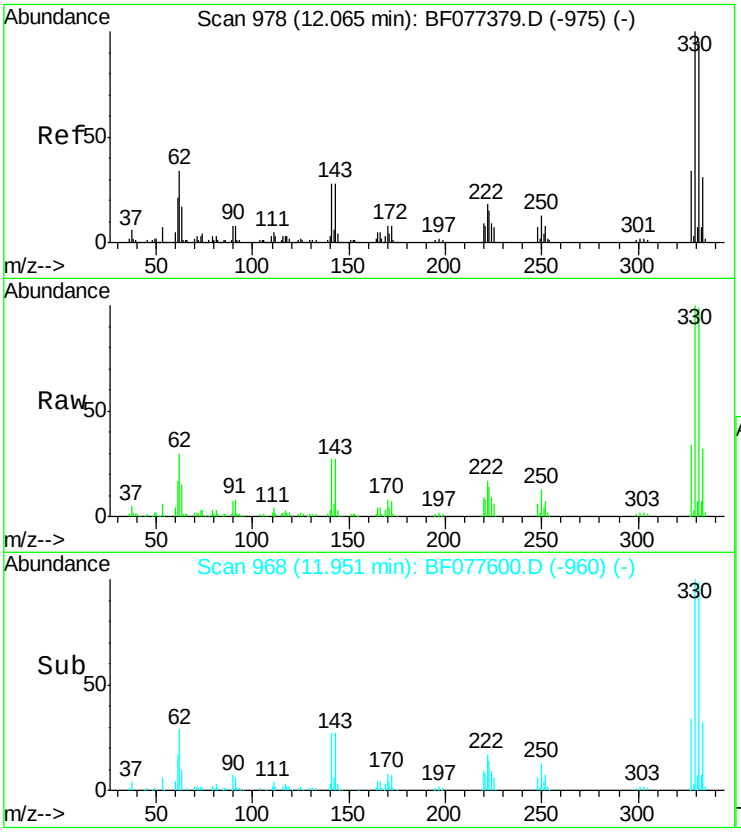




#40
Hexachlorocyclopentadiene
Concen: 56.64 ng
RT: 9.88 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:237 Resp: 107320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.1 | 41.0 | 81.0 |
| 272 | 11.9 | 0.0 | 34.3 |



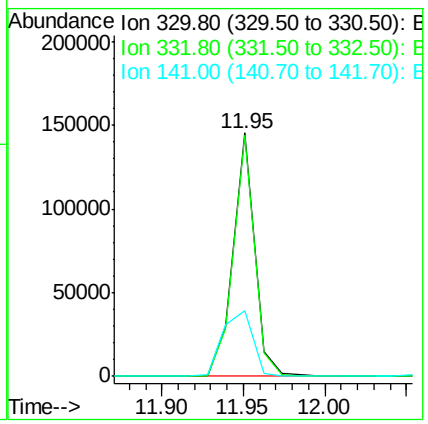


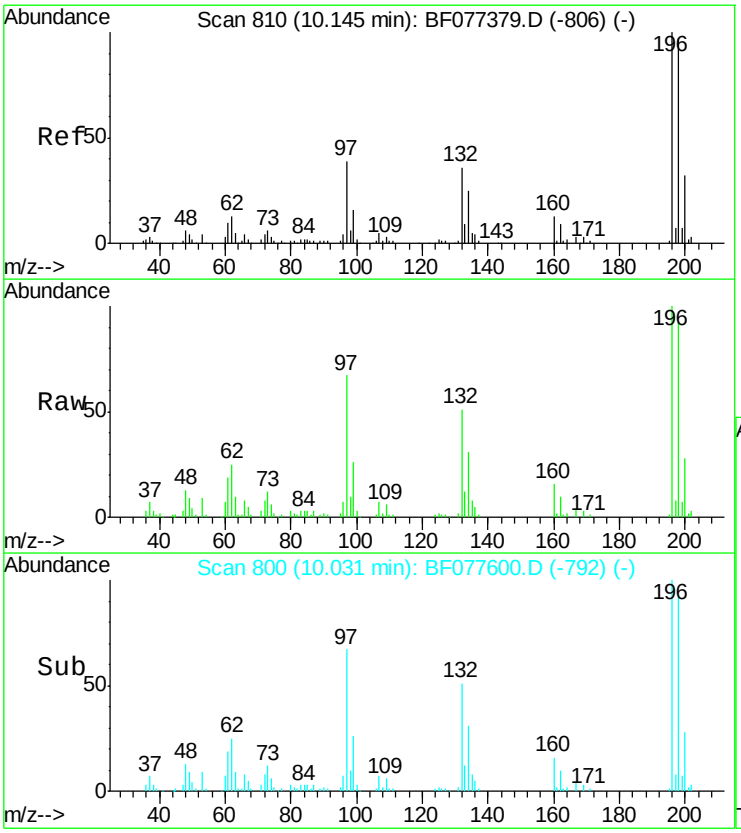

#41
2,4,6-Tribromophenol
Concen: 111.17 ng
RT: 11.95 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:330 Resp: 131825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.4 | 77.4 | 116.2 |
| 141 | 38.2 | 28.8 | 43.2 |

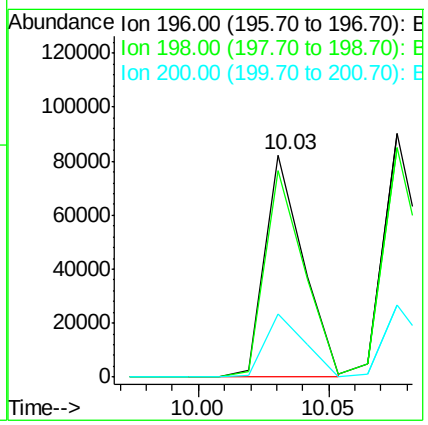


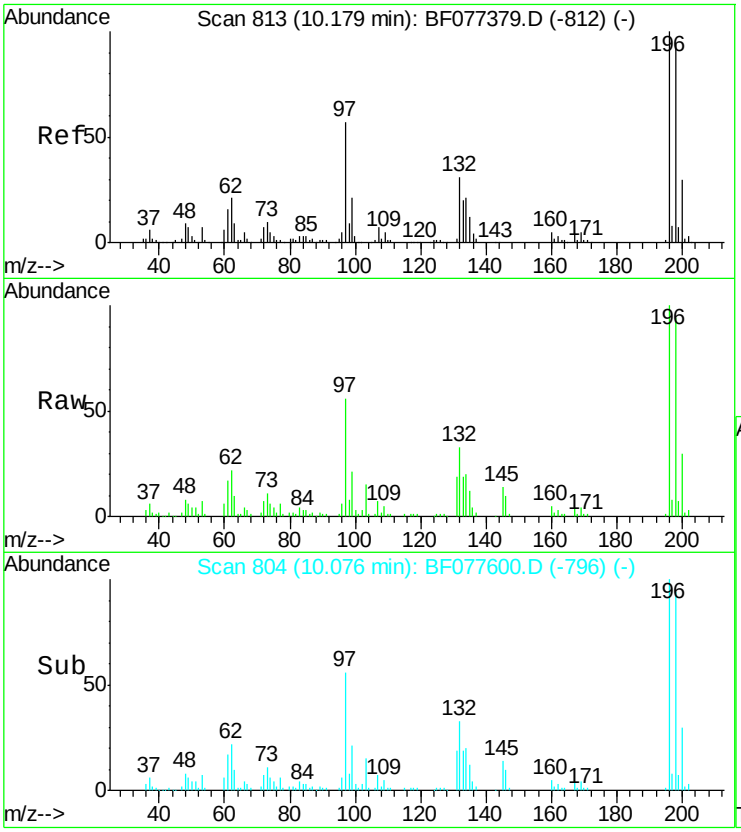




#42
2,4,6-Trichlorophenol
Concen: 36.02 ng
RT: 10.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:196 Resp: 84289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.2 | 75.8 | 113.8 |
| 200 | 28.4 | 24.2 | 36.4 |



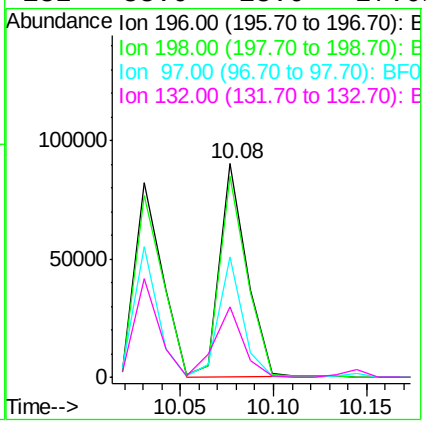


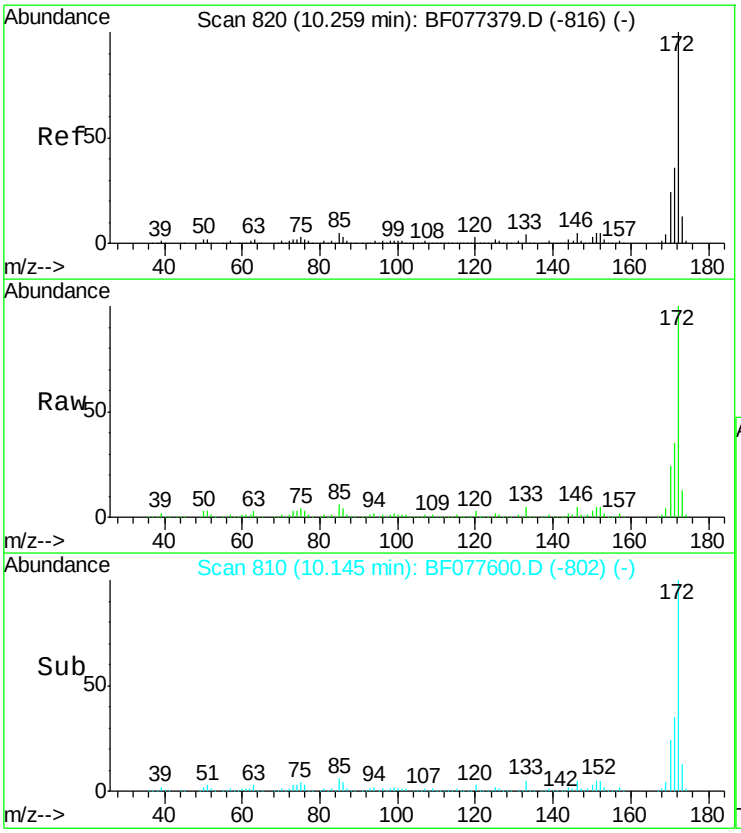

#43
2,4,5-Trichlorophenol
Concen: 36.51 ng
RT: 10.08 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:196 Resp: 91352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.3 | 77.2 | 115.8 |
| 97 | 56.4 | 27.7 | 41.5# |
| 132 | 33.0 | 18.0 | 27.0# |

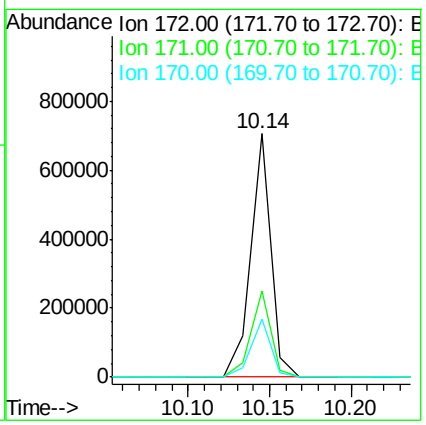


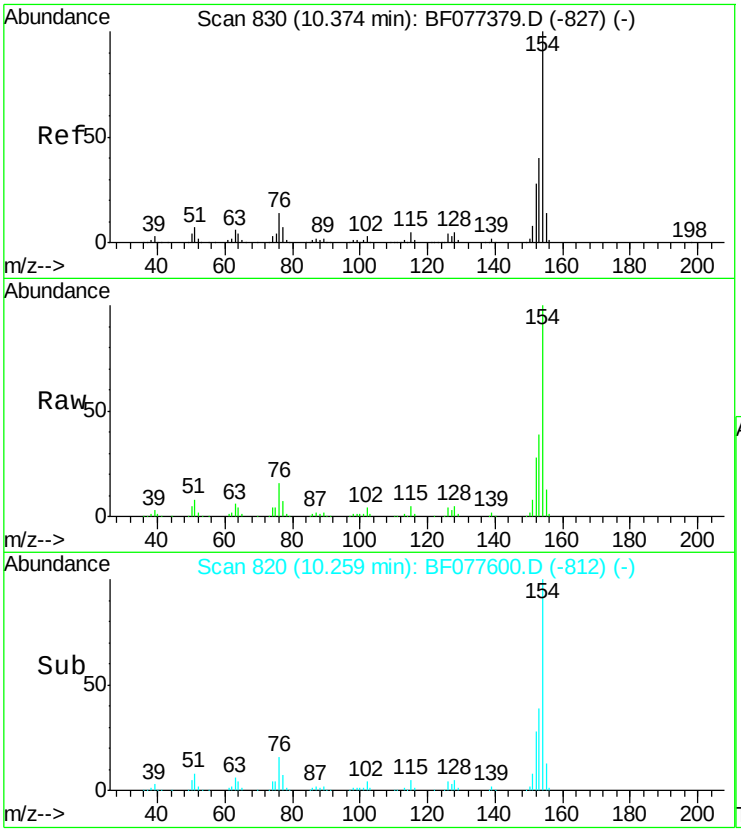




#44
2-Fluorobiphenyl
Concen: 76.96 ng
RT: 10.14 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:172 Resp: 607884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.9 | 43.3 |
| 170 | 23.6 | 19.4 | 29.2 |



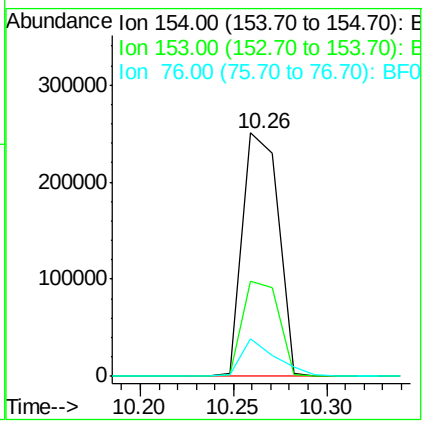


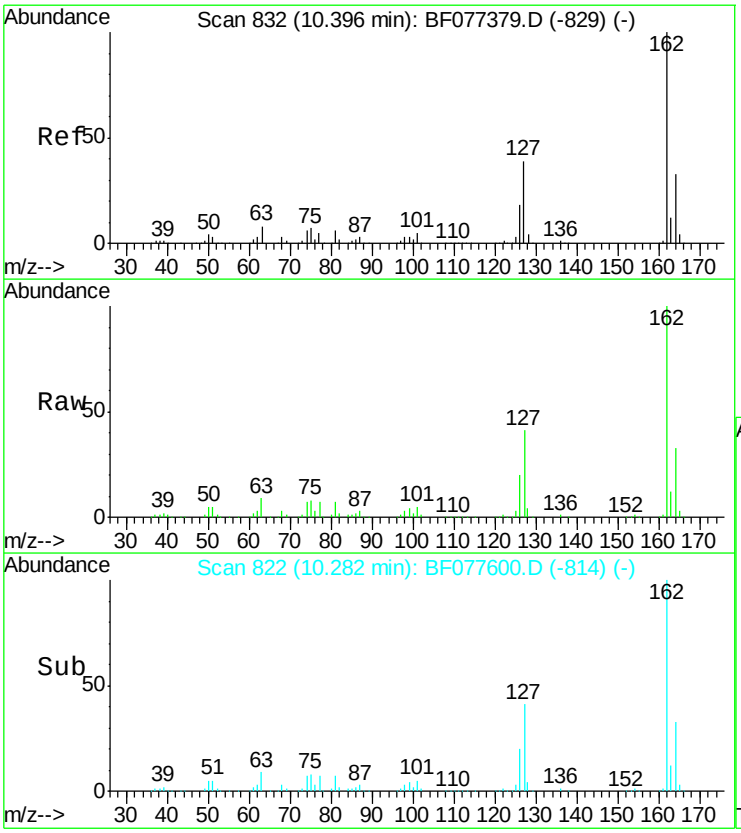

#45
1,1'-Biphenyl
Concen: 35.84 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:154 Resp: 334393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.2 | 20.2 | 60.2 |
| 76 | 15.7 | 0.0 | 29.4 |

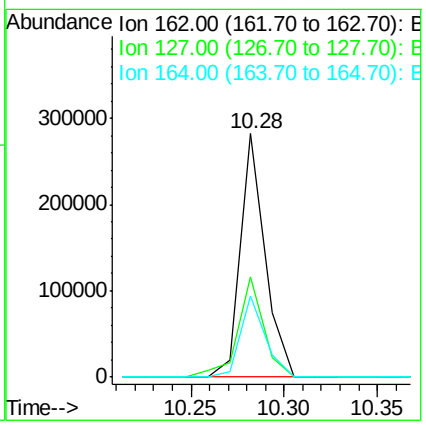


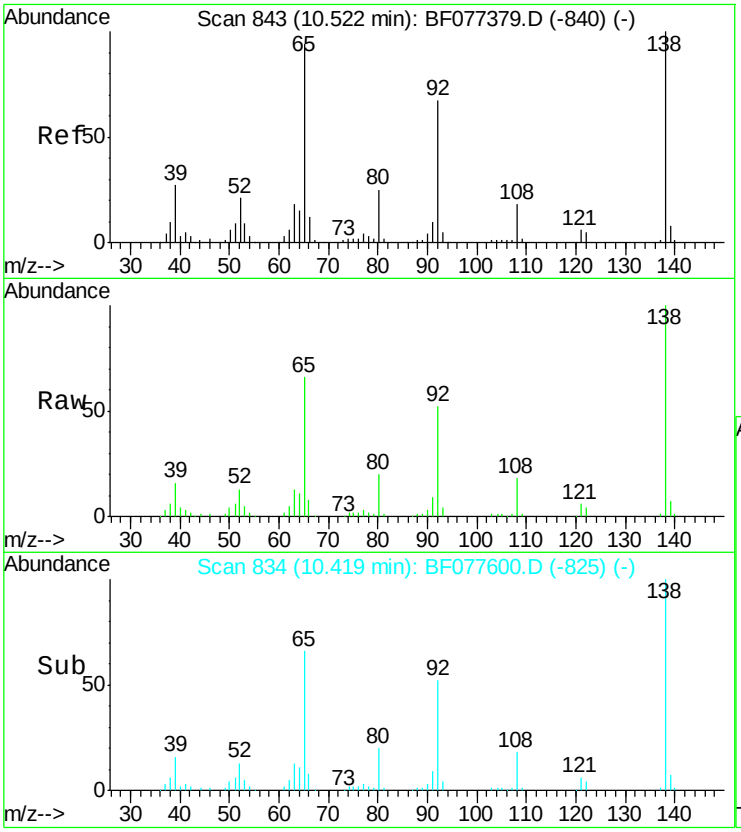




#46
2-Chloronaphthalene
Concen: 35.39 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:162 Resp: 258958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.4 | 33.3 | 49.9 |
| 164 | 33.3 | 26.2 | 39.4 |



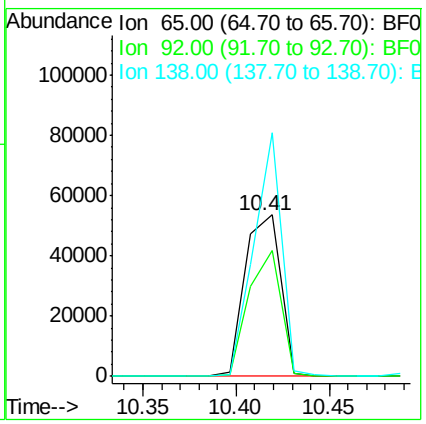


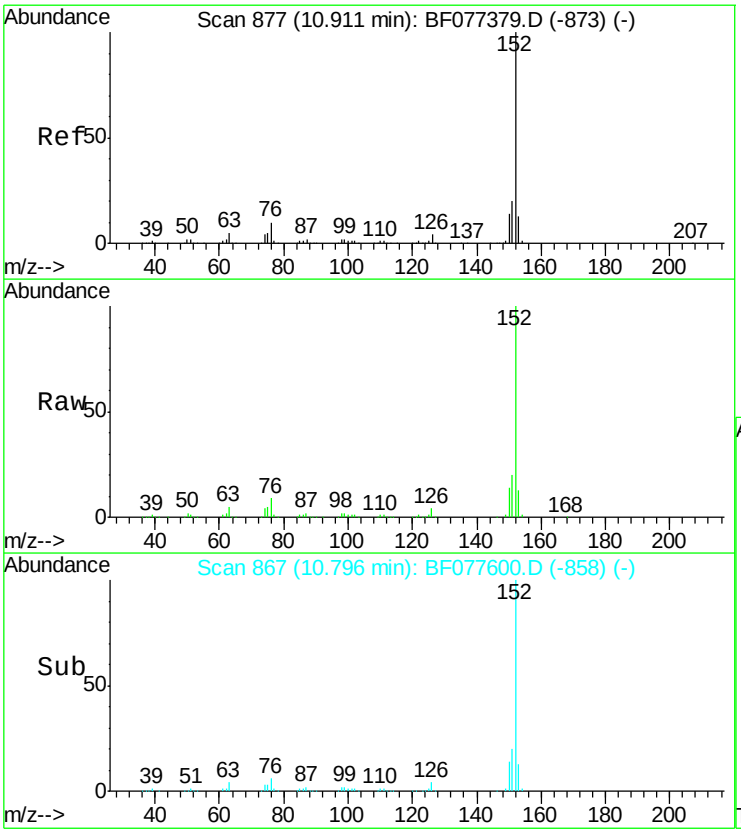

#47
2-Nitroaniline
Concen: 39.38 ng
RT: 10.41 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion: 65 Resp: 70928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 78.4 | 52.4 | 78.6 |
| 138 | 151.1 | 73.4 | 110.0# |

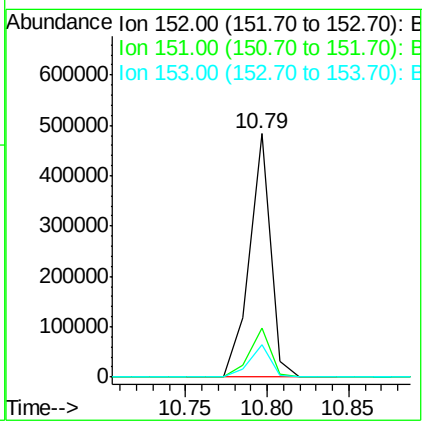


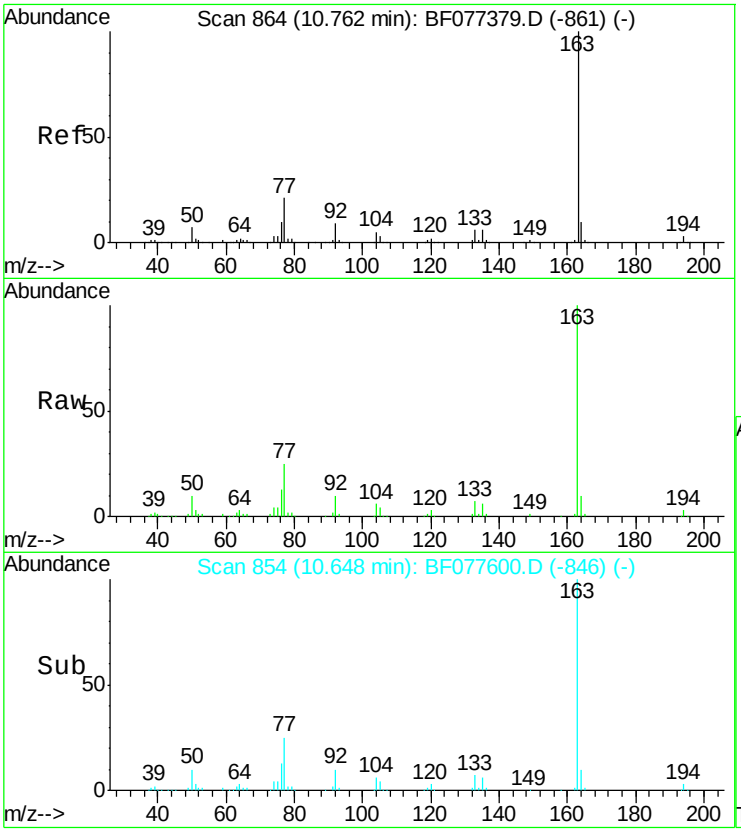




#48
Acenaphthylene
Concen: 37.67 ng
RT: 10.79 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:152 Resp: 436426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.1 | 24.1 |
| 153 | 13.2 | 10.9 | 16.3 |



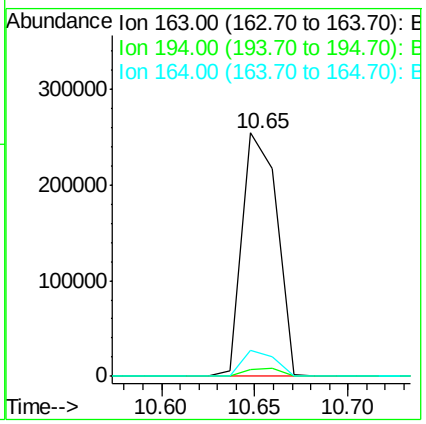


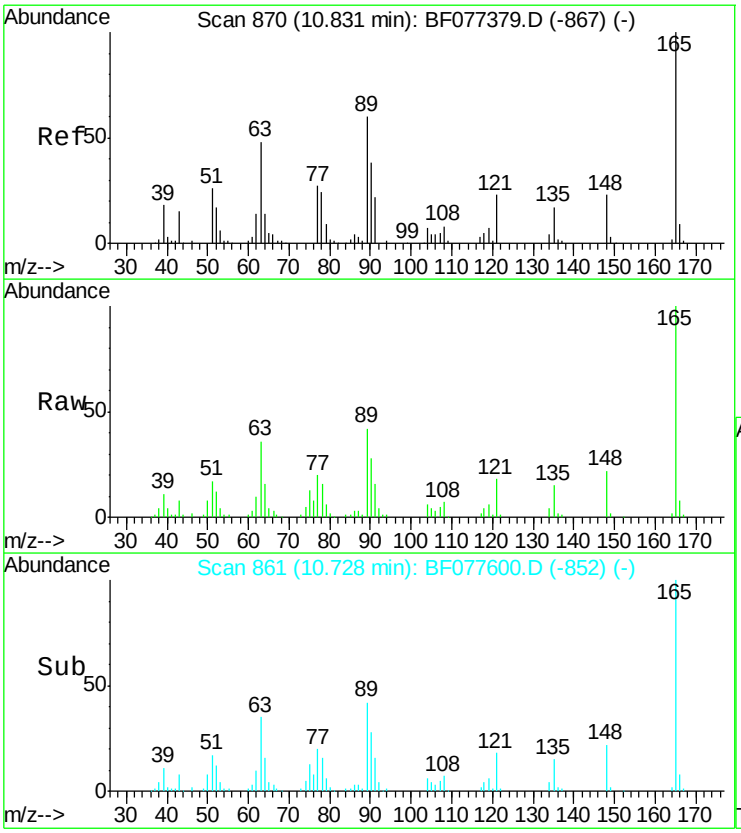

#49
Dimethylphthalate
Concen: 38.00 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:163 Resp: 328958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.1 | 2.6 | 4.0 |
| 164 | 10.4 | 8.6 | 13.0 |

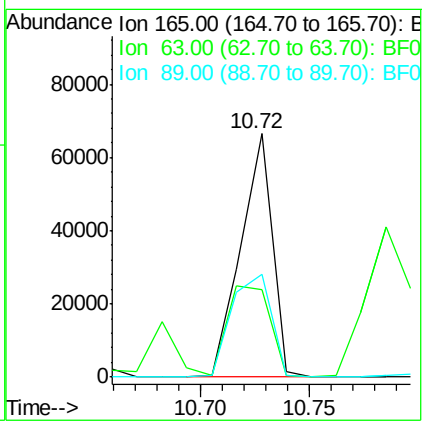


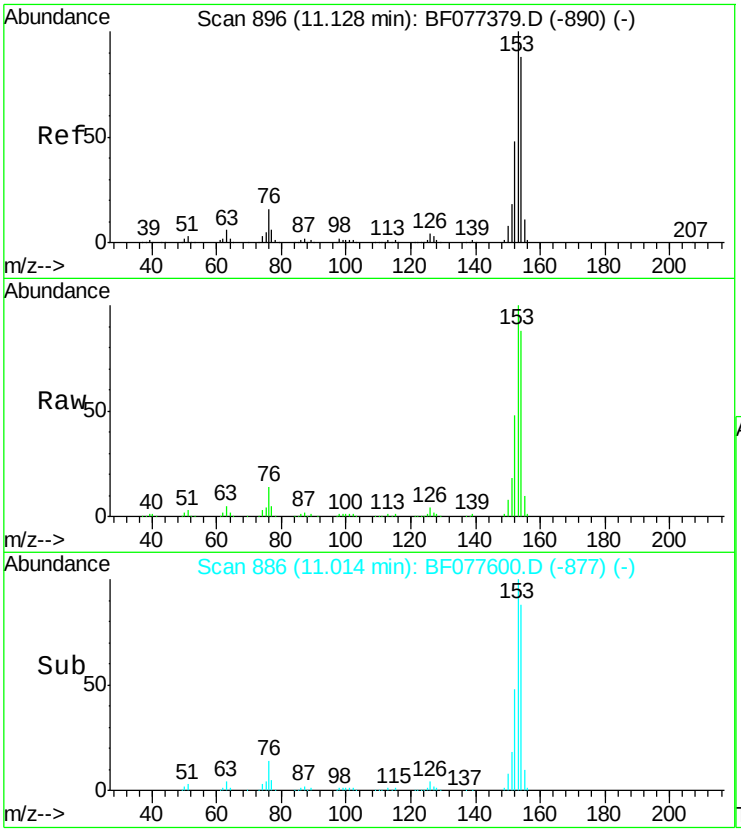




#50
2,6-Dinitrotoluene
Concen: 38.67 ng
RT: 10.72 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:165 Resp: 67142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 36.1 | 25.2 | 37.8 |
| 89 | 42.1 | 30.5 | 45.7 |



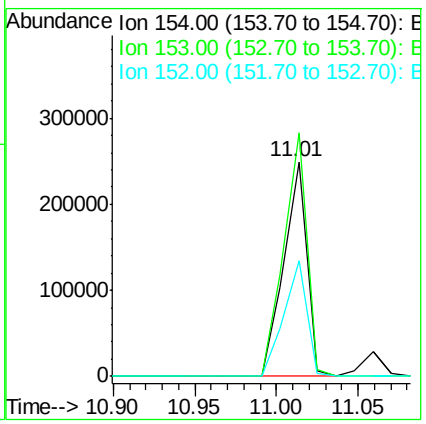


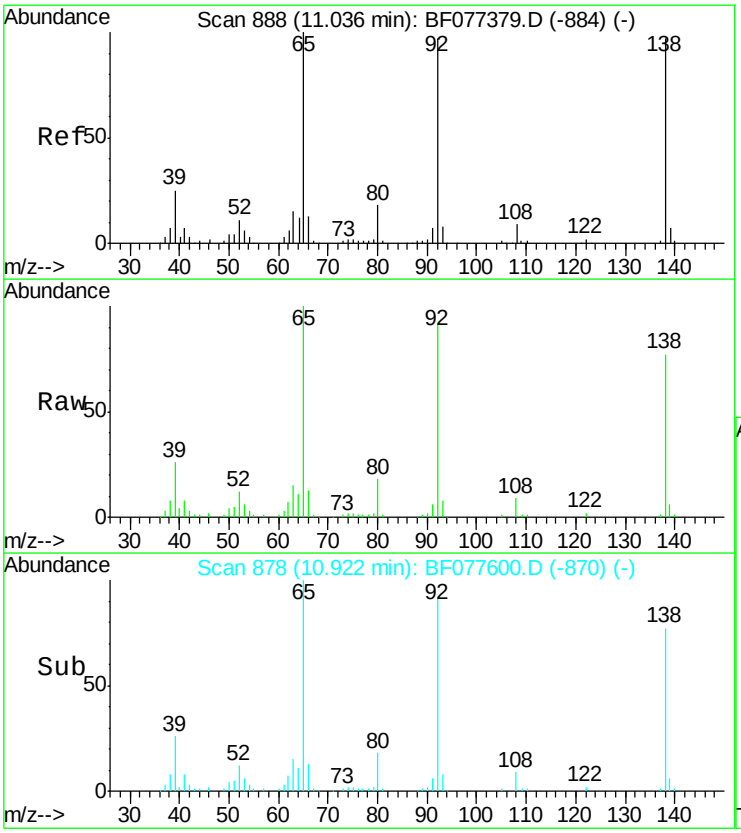

#51
Acenaphthene
Concen: 35.79 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:154 Resp: 247424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.4 | 90.5 | 135.7 |
| 152 | 54.1 | 43.5 | 65.3 |

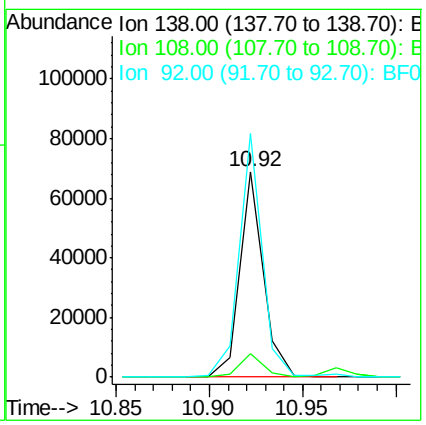


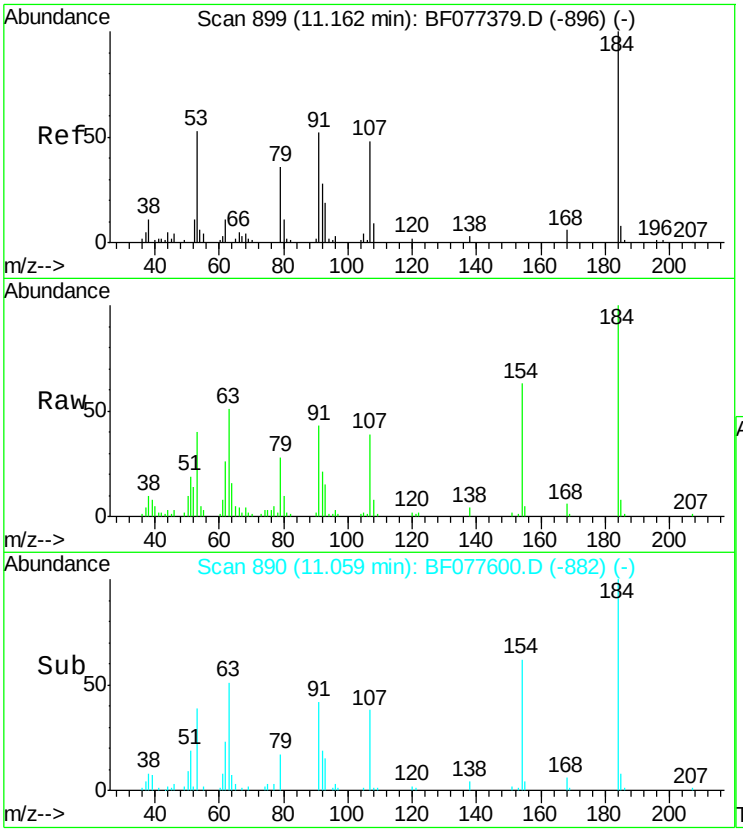




#52
3-Nitroaniline
Concen: 30.40 ng
RT: 10.92 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:138 Resp: 60837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 7.8 | 11.8 |
| 92 | 118.4 | 90.6 | 135.8 |



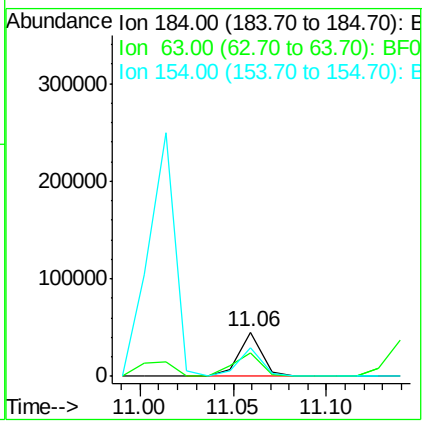


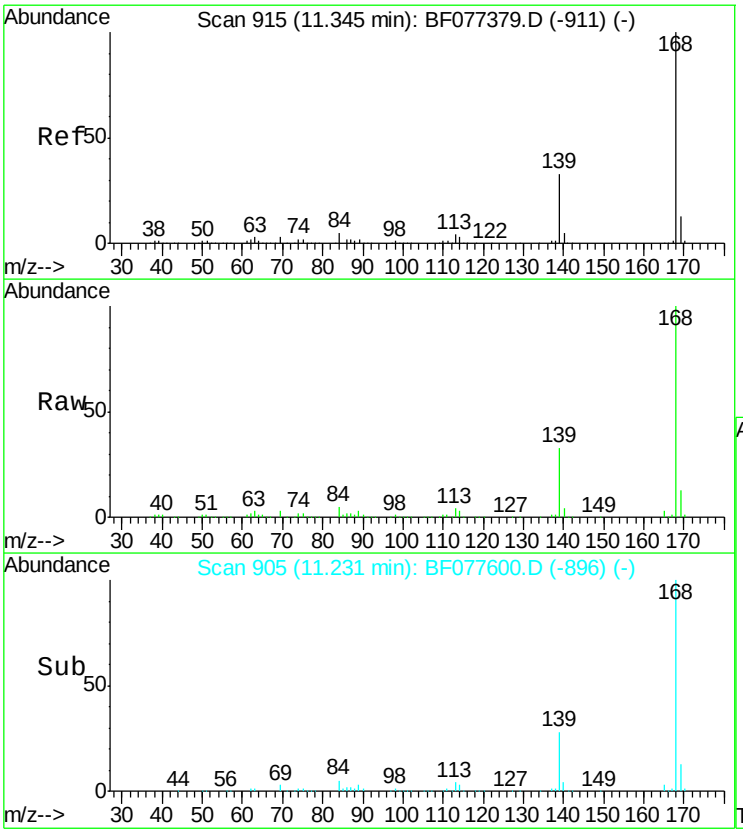

#53
2,4-Dinitrophenol
Concen: 75.88 ng
RT: 11.06 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:184 Resp: 40083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 51.3 | 29.5 | 44.3# |
| 154 | 63.0 | 43.2 | 64.8 |

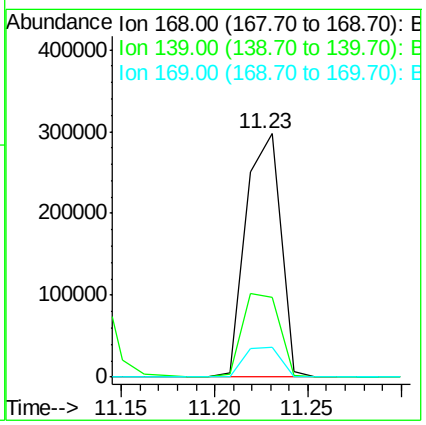


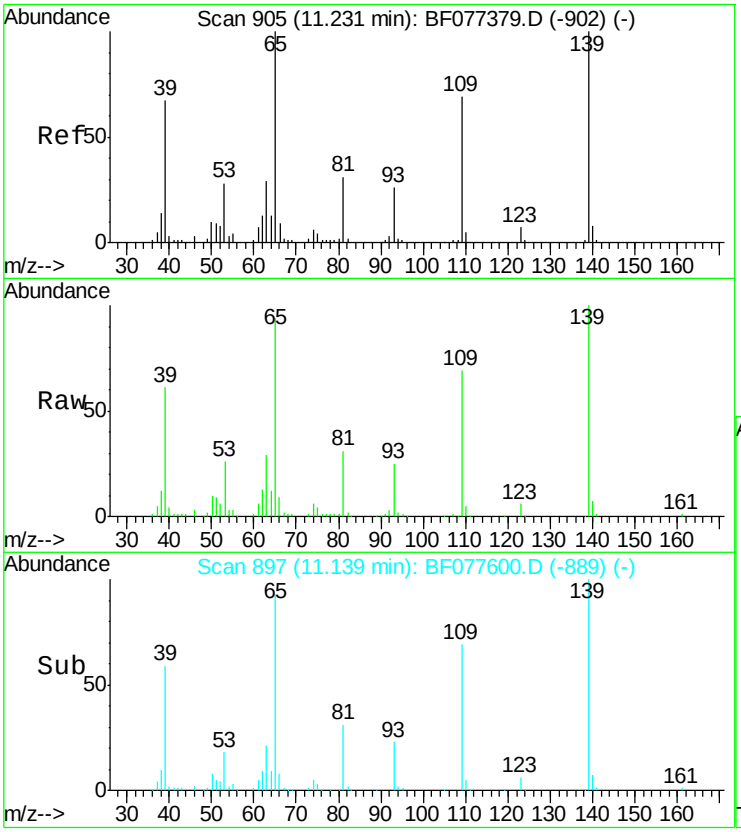




#54
Dibenzofuran
Concen: 36.02 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:168 Resp: 384487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 32.9 | 29.3 | 43.9 |
| 169 | 12.5 | 10.9 | 16.3 |



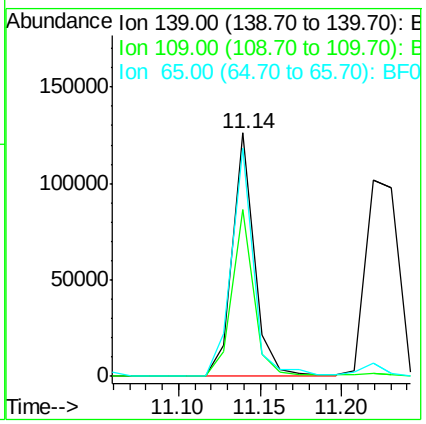


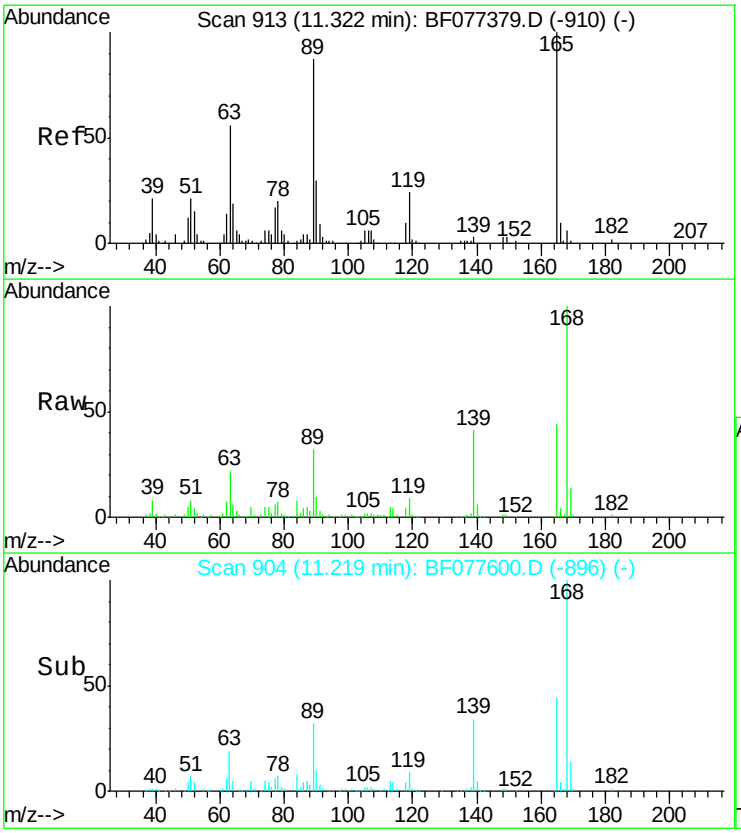

#55
4-Nitrophenol
Concen: 72.59 ng
RT: 11.14 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:139 Resp: 116870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.7 | 36.2 | 76.2 |
| 65 | 94.0 | 40.3 | 80.3# |

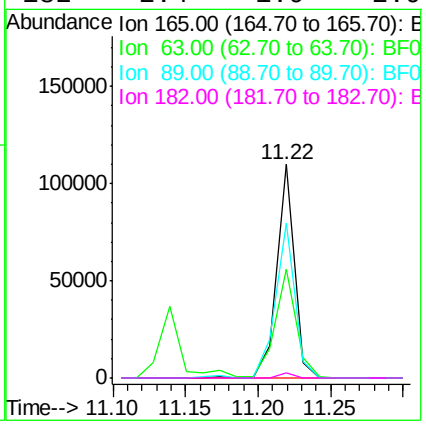


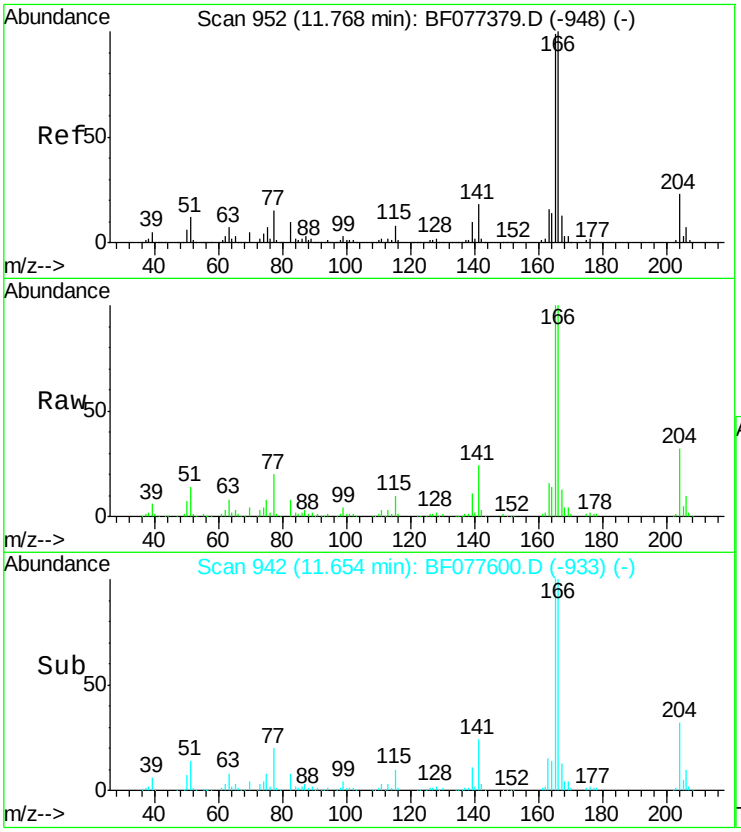




#56
2,4-Dinitrotoluene
Concen: 39.56 ng
RT: 11.22 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:165 Resp: 92794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.8 | 29.8 | 44.8# |
| 89 | 72.7 | 48.5 | 72.7# |
| 182 | 2.4 | 1.9 | 2.9 |



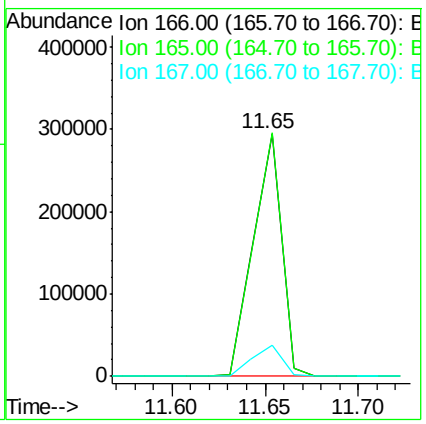


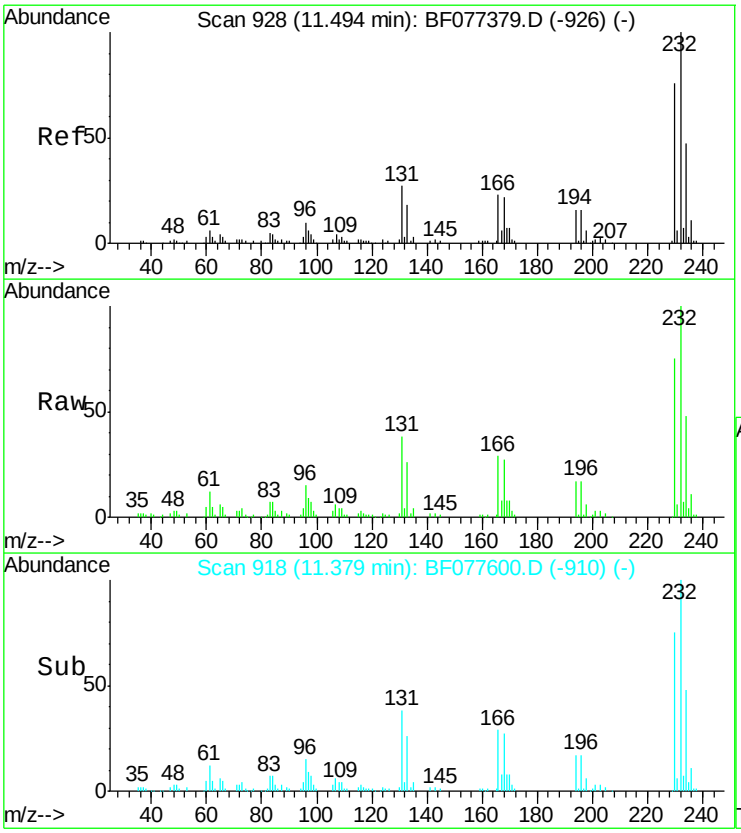

#57
Fluorene
Concen: 36.32 ng
RT: 11.65 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:166 Resp: 309959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.2 | 77.6 | 116.4 |
| 167 | 12.9 | 10.6 | 16.0 |

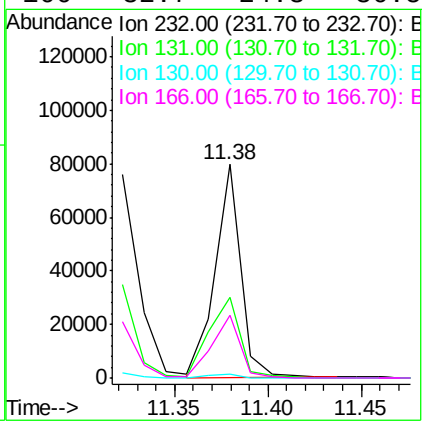


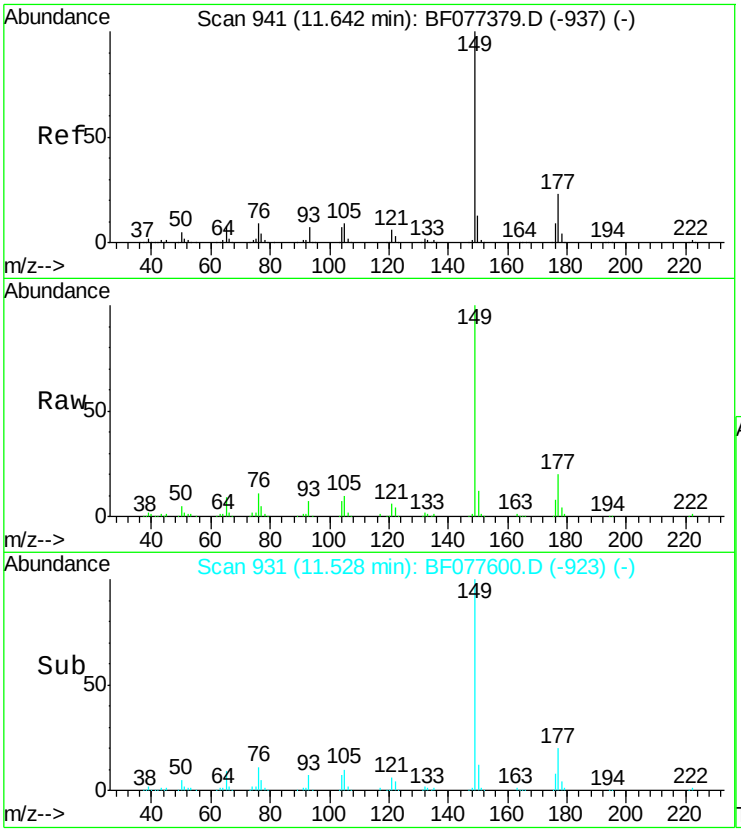




#58
2,3,4,6-Tetrachlorophenol
Concen: 37.75 ng
RT: 11.38 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:232 Resp: 75951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 45.8 | 34.2 | 51.2 |
| 130 | 2.1 | 1.8 | 2.6 |
| 166 | 32.7 | 24.3 | 36.5 |



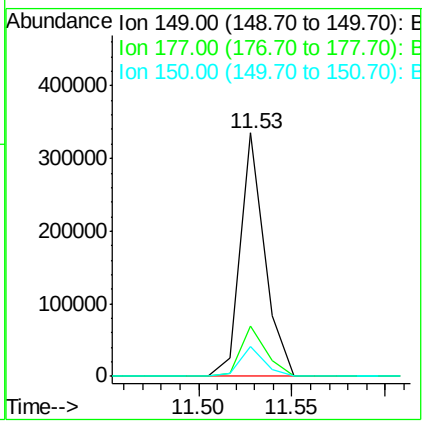


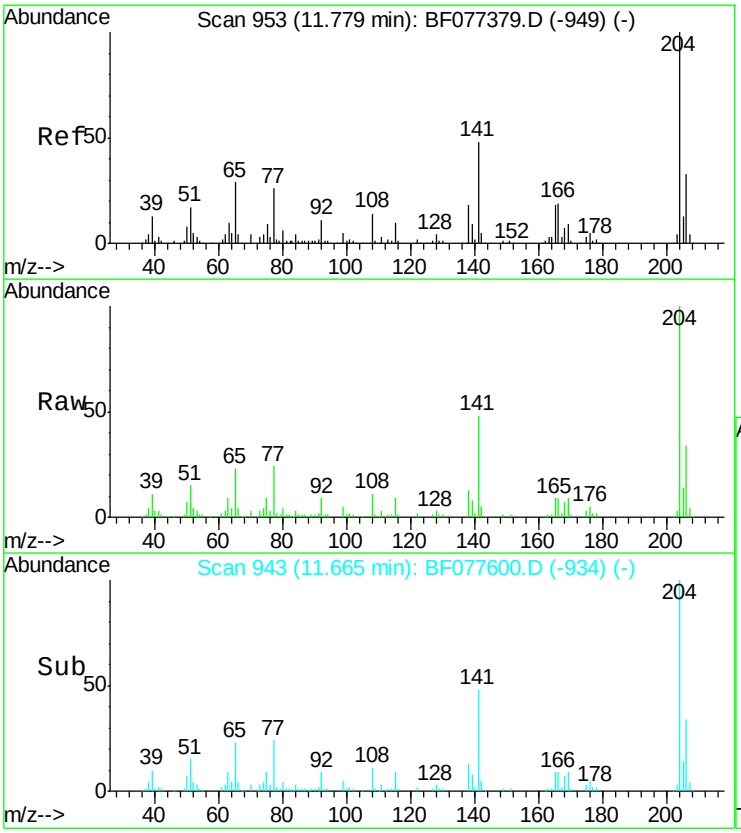

#59
Diethylphthalate
Concen: 35.79 ng
RT: 11.53 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:149 Resp: 305443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.4 | 17.2 | 25.8 |
| 150 | 12.4 | 10.5 | 15.7 |

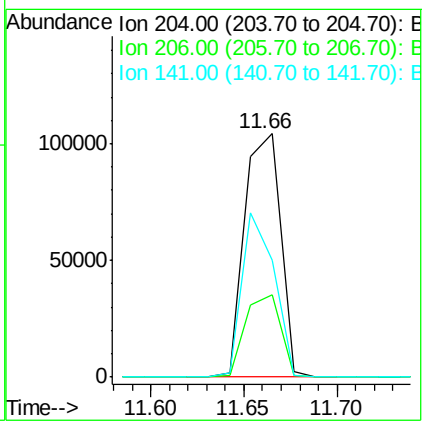


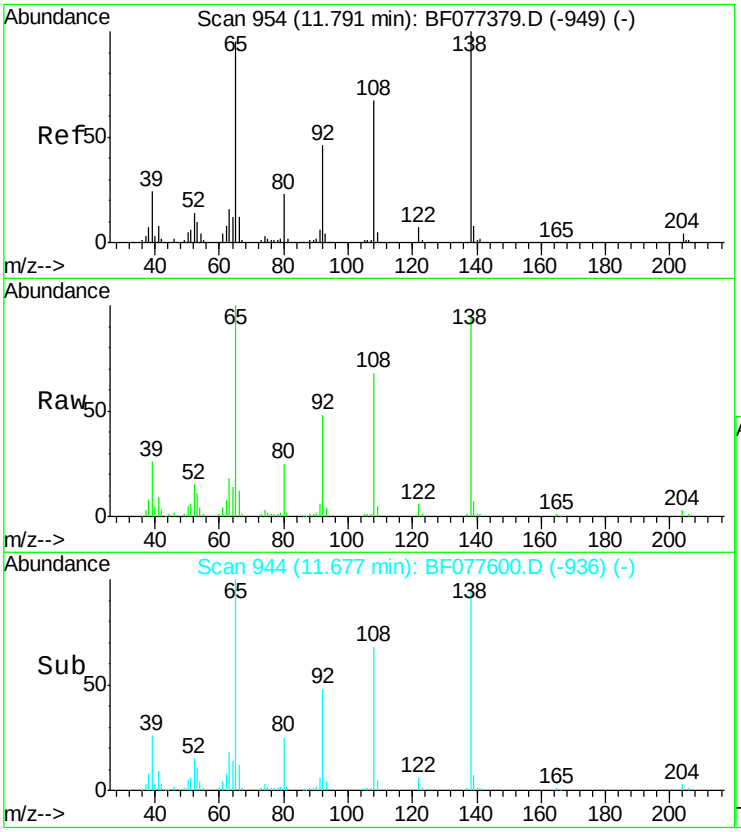




#60
4-Chlorophenyl-phenylether
Concen: 33.80 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:204 Resp: 138964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.9 | 25.9 | 38.9 |
| 141 | 47.9 | 43.6 | 65.4 |



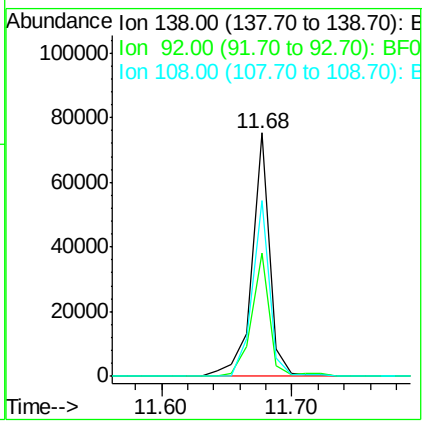


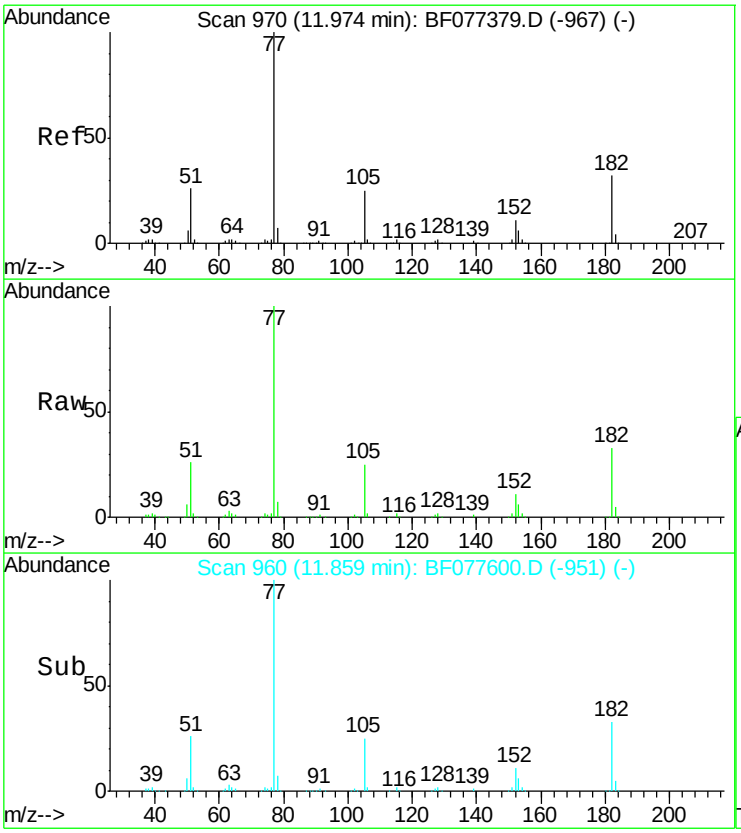

#61
4-Nitroaniline
Concen: 37.38 ng
RT: 11.68 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:138 Resp: 71706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.5 | 32.8 | 72.8 |
| 108 | 72.1 | 52.1 | 92.1 |

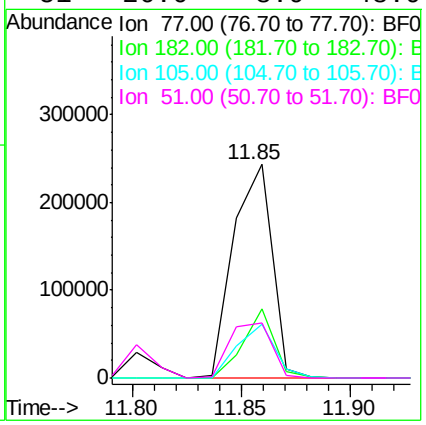


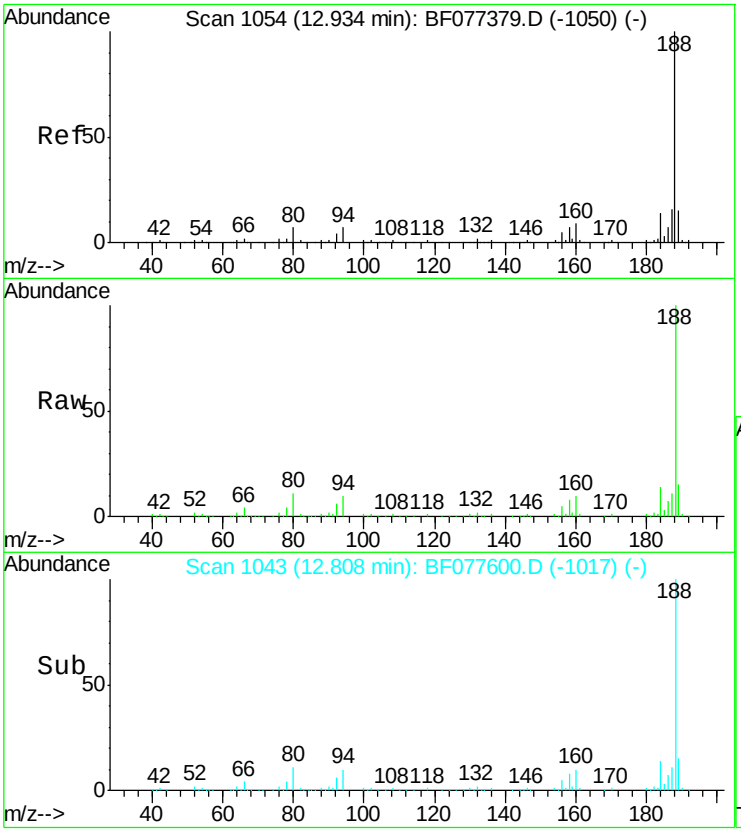




#62
Azobenzene
Concen: 37.32 ng
RT: 11.85 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion: 77 Resp: 302193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 32.6 | 4.9 | 44.9 |
| 105 | 25.1 | 3.3 | 43.3 |
| 51 | 26.0 | 8.9 | 48.9 |



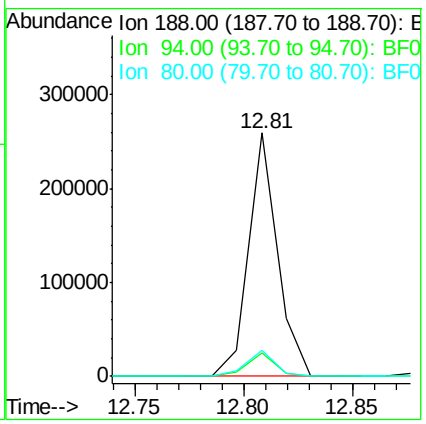


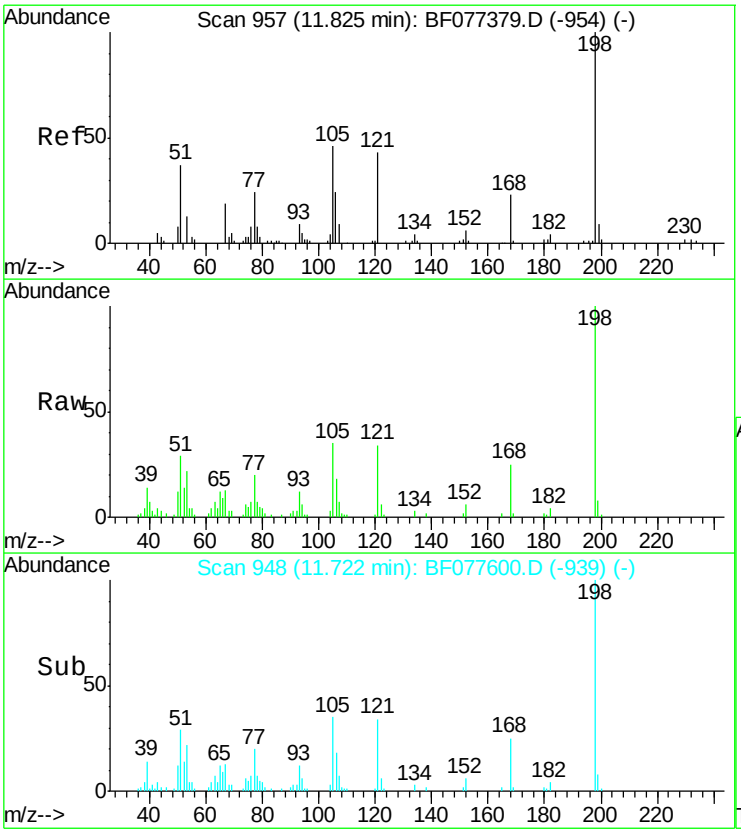

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:188 Resp: 240089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.8 | 7.4 | 11.2 |
| 80 | 10.8 | 8.0 | 12.0 |

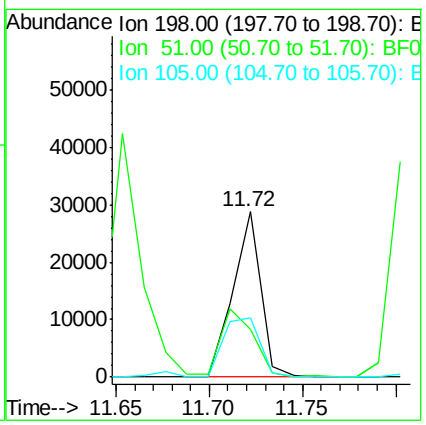


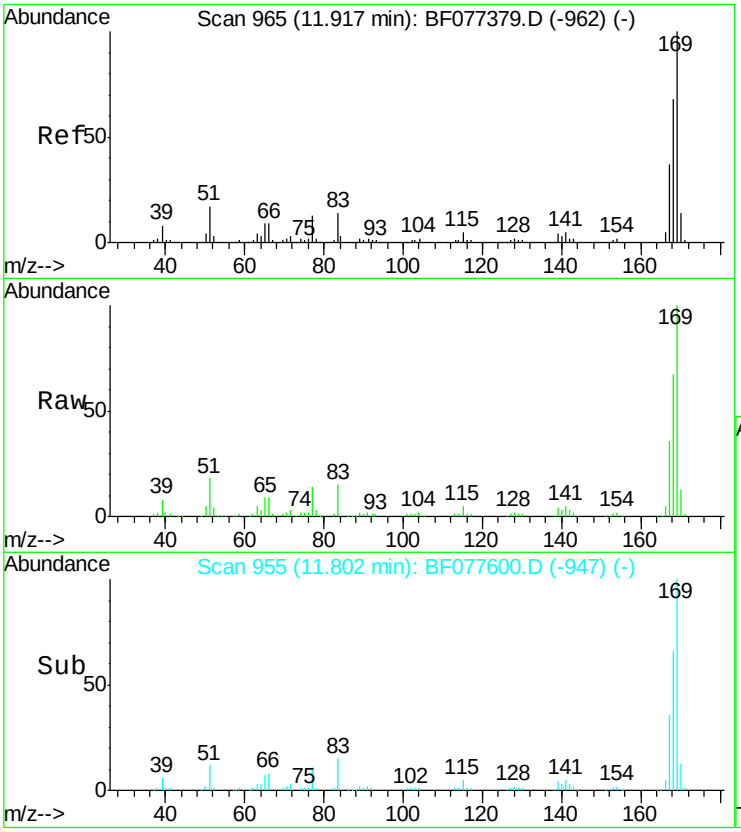




#64
4,6-Dinitro-2-methylphenol
Concen: 32.58 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:198 Resp: 29968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 29.3 | 2.7 | 42.7 |
| 105 | 35.5 | 10.0 | 50.0 |



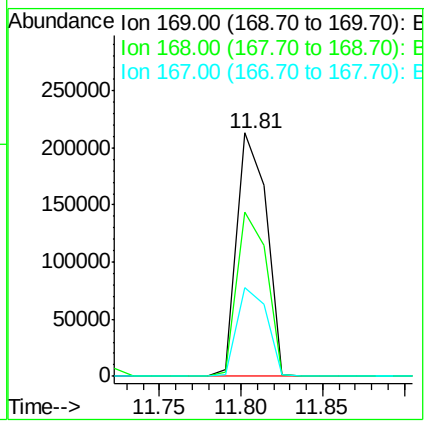


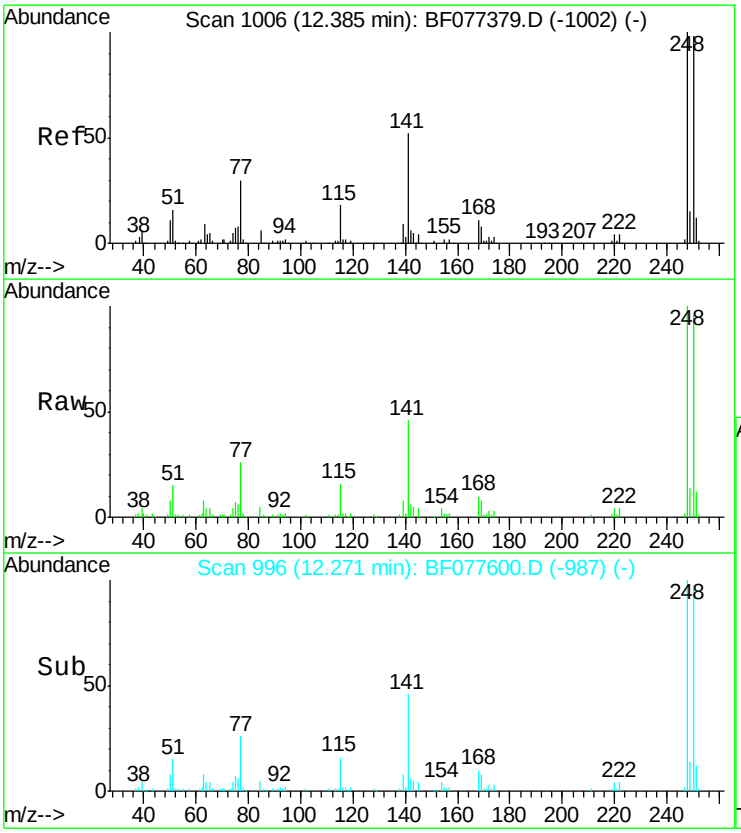

#65
n-Nitrosodiphenylamine
Concen: 33.49 ng
RT: 11.81 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:169 Resp: 266759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.4 | 53.0 | 79.6 |
| 167 | 36.2 | 29.5 | 44.3 |

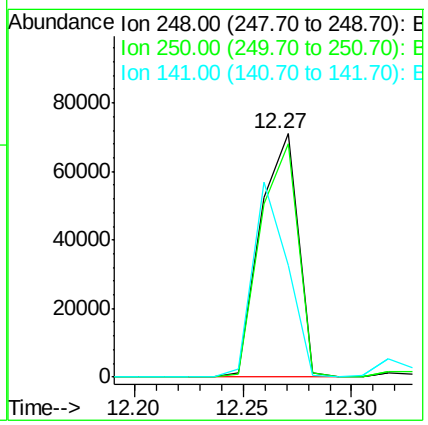


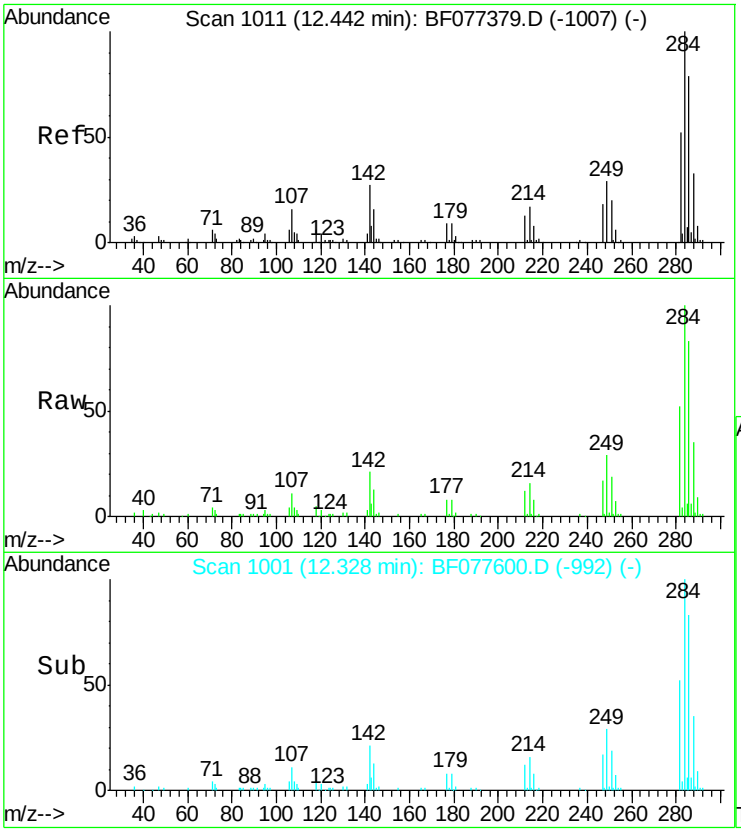




#66
4-Bromophenyl-phenylether
Concen: 30.68 ng
RT: 12.27 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:248 Resp: 86244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.9 | 78.0 | 117.0 |
| 141 | 46.2 | 54.1 | 81.1# |



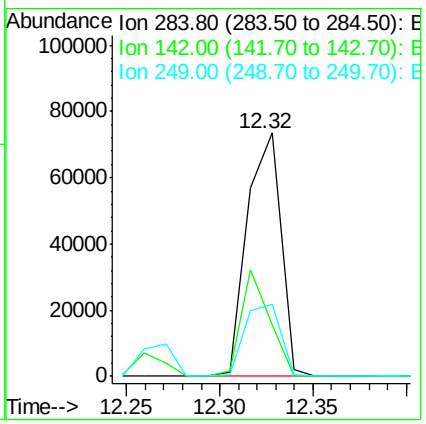


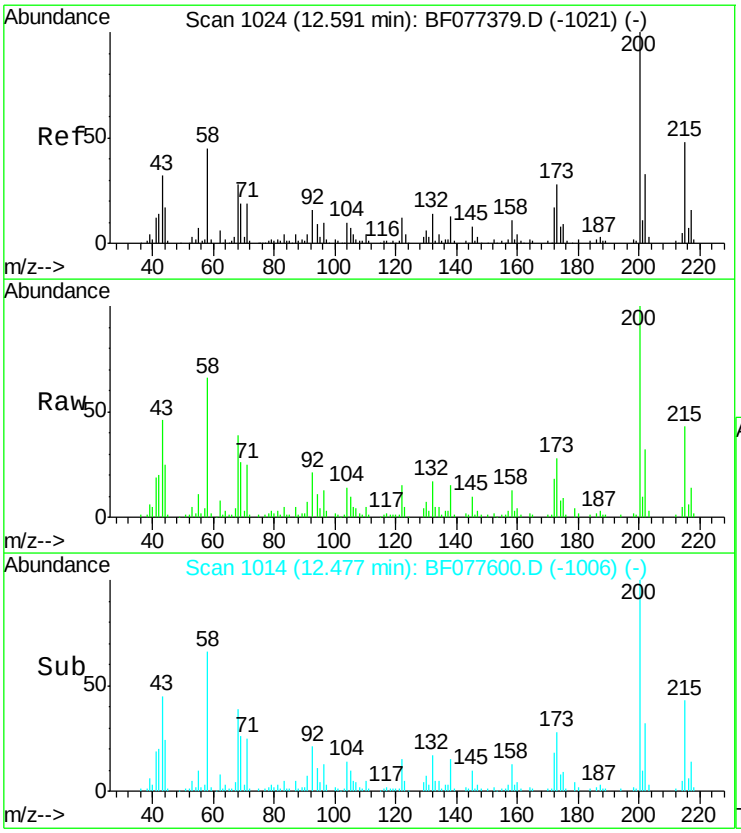

#67
Hexachlorobenzene
Concen: 30.40 ng
RT: 12.32 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:284 Resp: 91742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 21.4 | 31.6 | 47.4# |
| 249 | 29.4 | 27.0 | 40.4 |

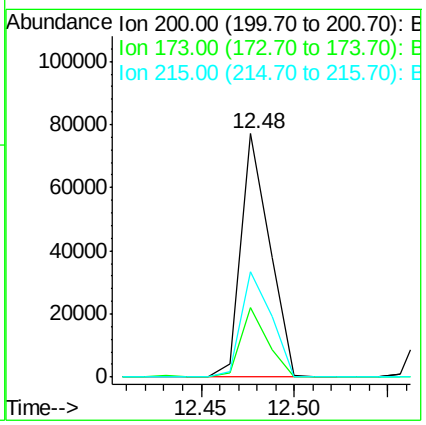


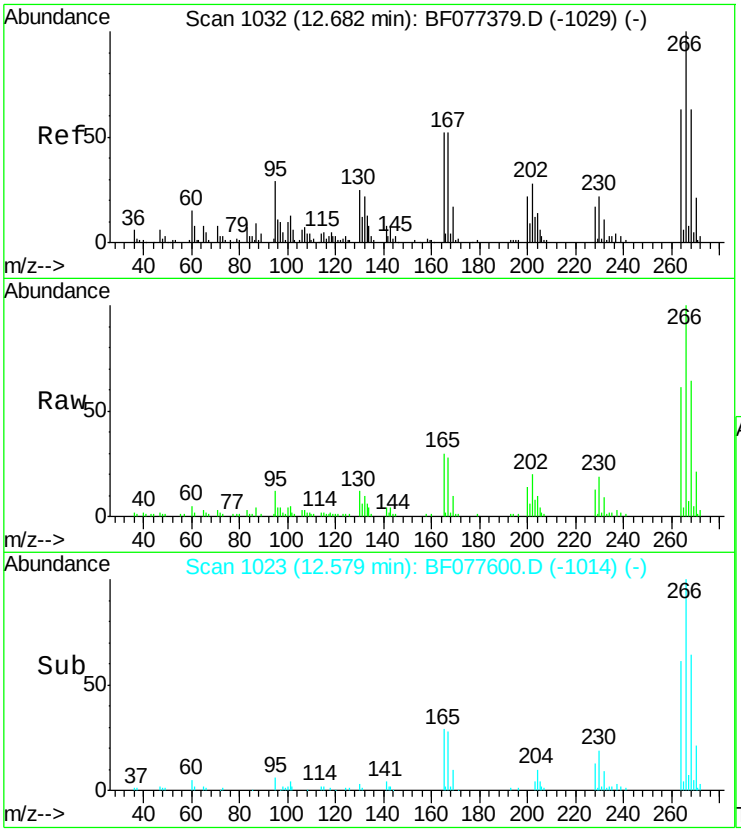




#68
Atrazine
Concen: 31.70 ng
RT: 12.48 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:200 Resp: 82101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.5 | 9.6 | 49.6 |
| 215 | 43.2 | 24.4 | 64.4 |



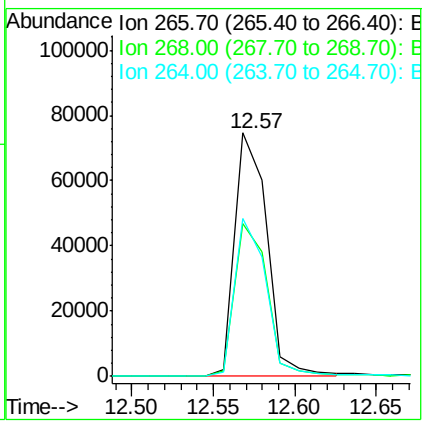


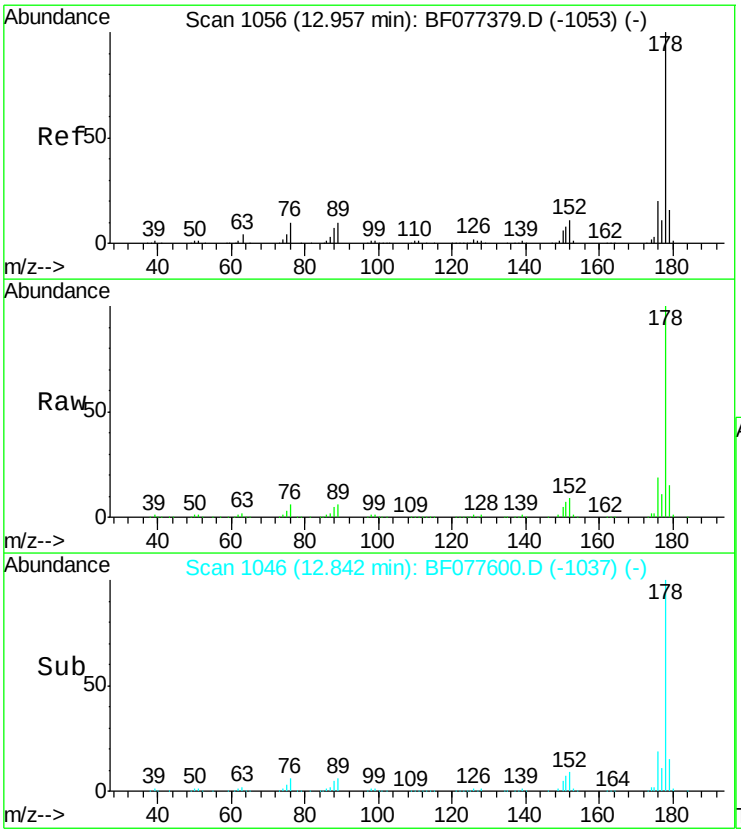

#69
Pentachlorophenol
Concen: 63.91 ng
RT: 12.57 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:266 Resp: 101357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.8 | 51.2 | 76.8 |
| 264 | 61.1 | 50.7 | 76.1 |

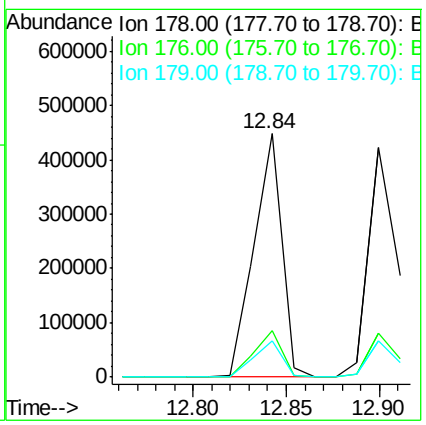


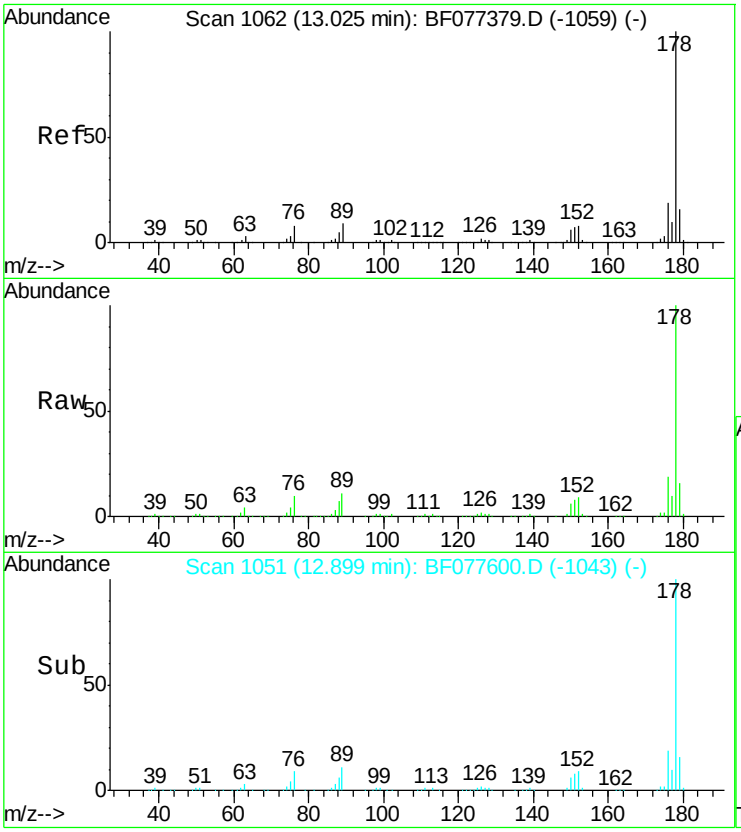




#70
Phenanthrene
Concen: 33.22 ng
RT: 12.84 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:178 Resp: 462205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.5 | 23.3 |
| 179 | 15.1 | 12.2 | 18.2 |



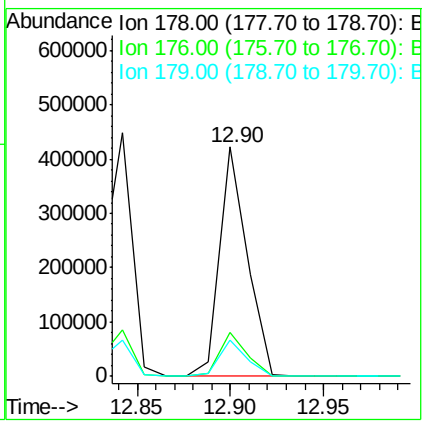


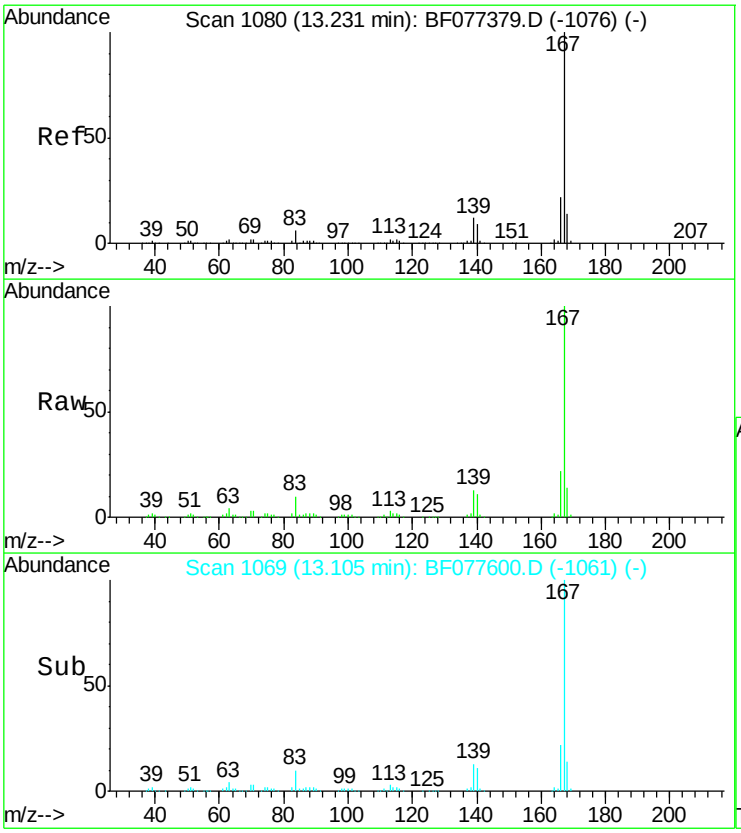

#71
Anthracene
Concen: 31.64 ng
RT: 12.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:178 Resp: 436958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.4 | 23.0 |
| 179 | 16.0 | 12.9 | 19.3 |

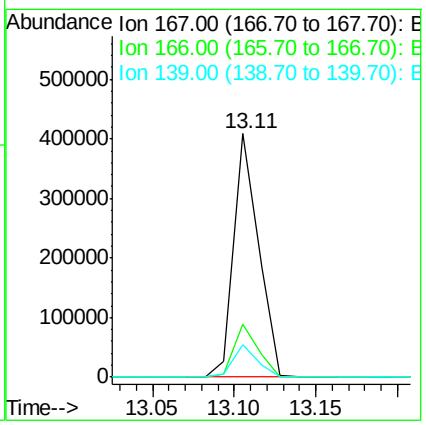


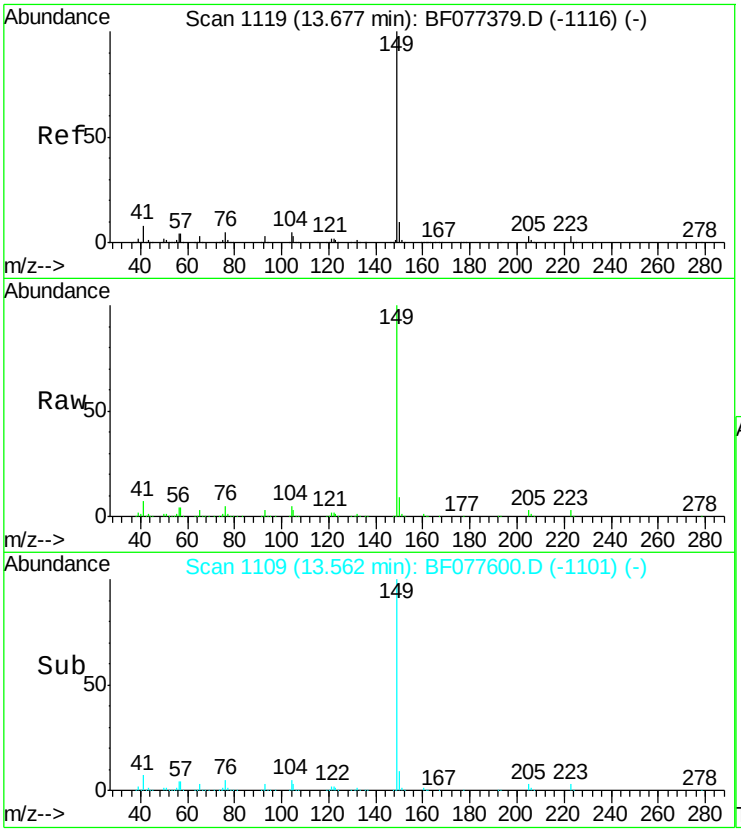




#72
Carbazole
Concen: 32.68 ng
RT: 13.11 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:167 Resp: 429122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.8 | 17.6 | 26.4 |
| 139 | 13.4 | 9.9 | 14.9 |



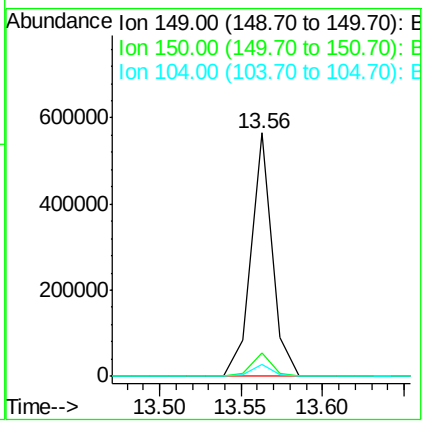


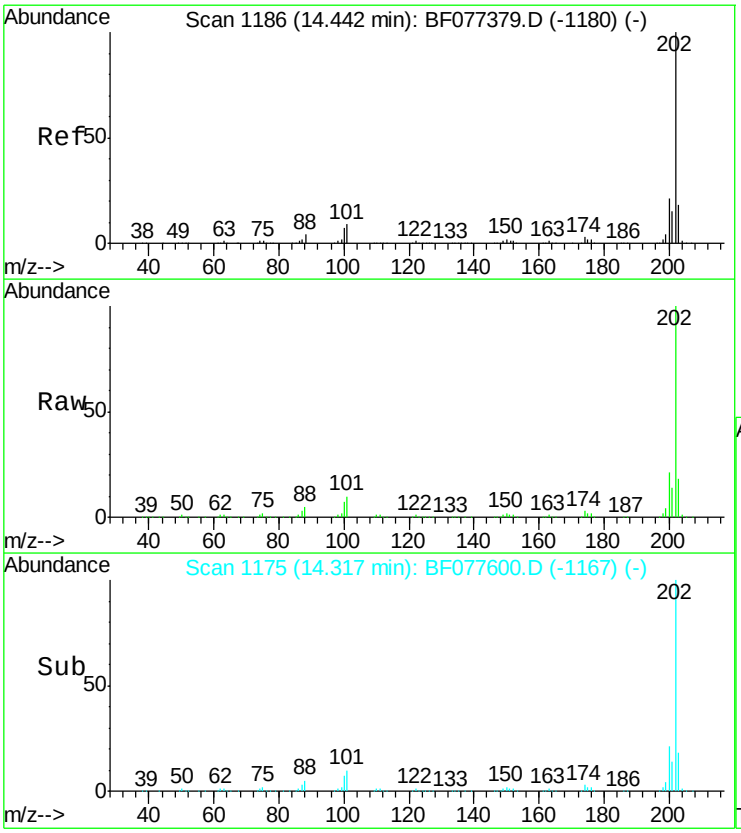

#73
Di-n-butylphthalate
Concen: 32.95 ng
RT: 13.56 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:149 Resp: 508069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.8 | 11.8 |
| 104 | 4.9 | 4.1 | 6.1 |

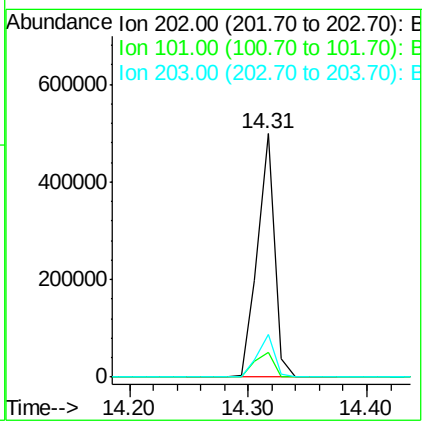


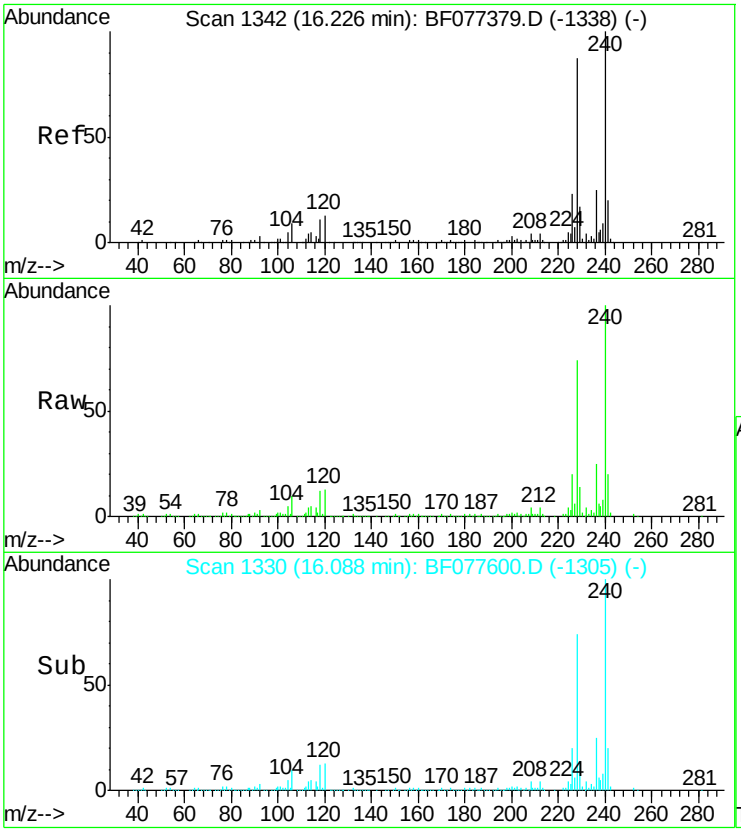




#74
Fluoranthene
Concen: 33.51 ng
RT: 14.31 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:202 Resp: 509325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.9 | 0.0 | 30.8 |
| 203 | 17.6 | 0.0 | 37.7 |



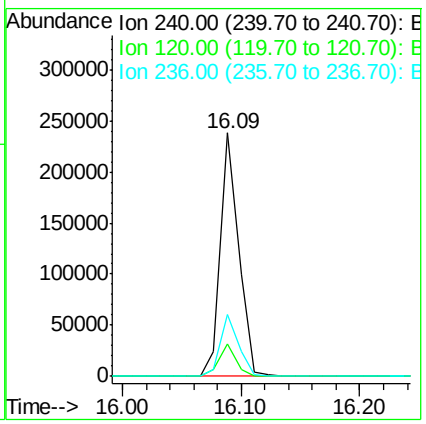


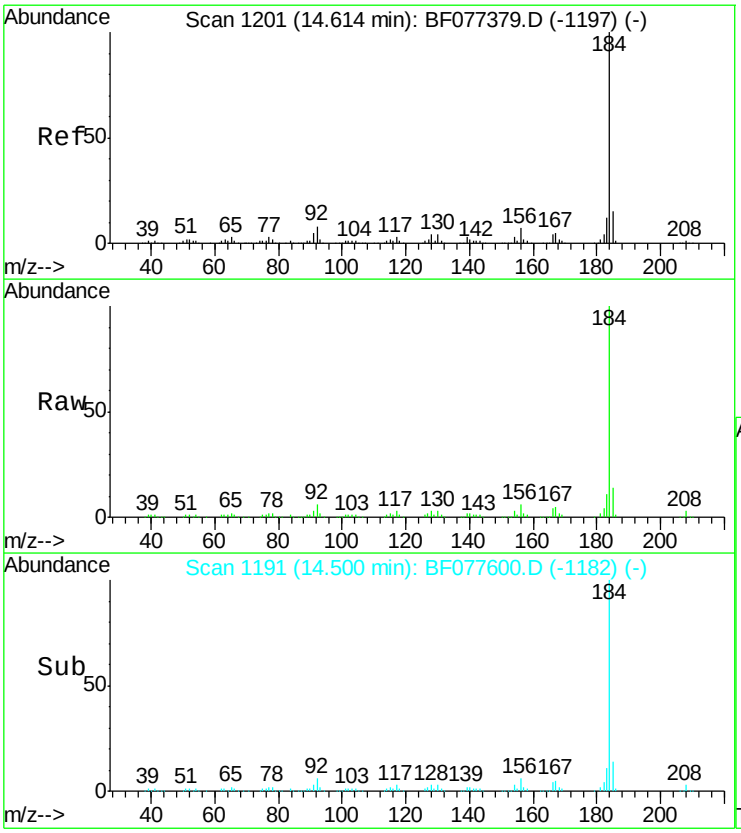

#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:240 Resp: 253965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.2 | 8.8 | 13.2 |
| 236 | 25.2 | 20.7 | 31.1 |

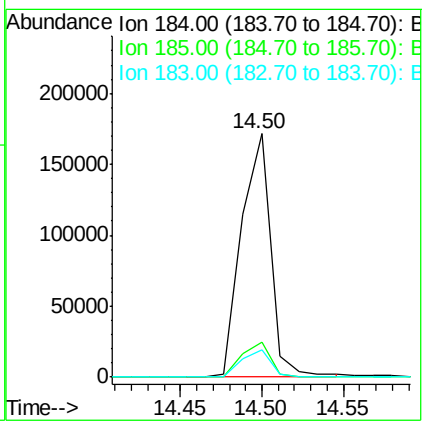


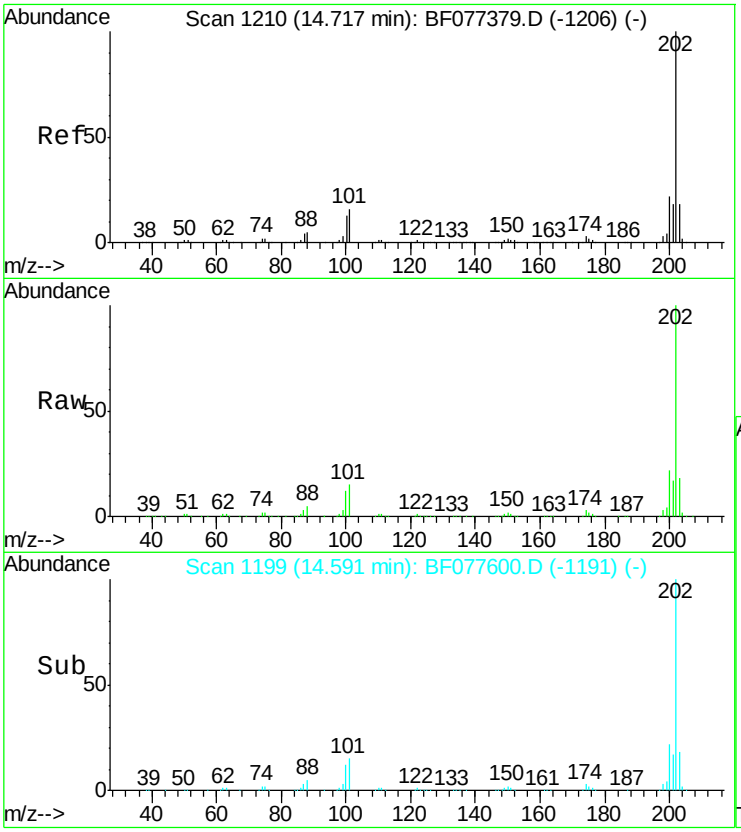




#76
Benzidine
Concen: 24.94 ng
RT: 14.50 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:184 Resp: 214009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 12.6 | 18.8 |
| 183 | 11.0 | 9.3 | 13.9 |



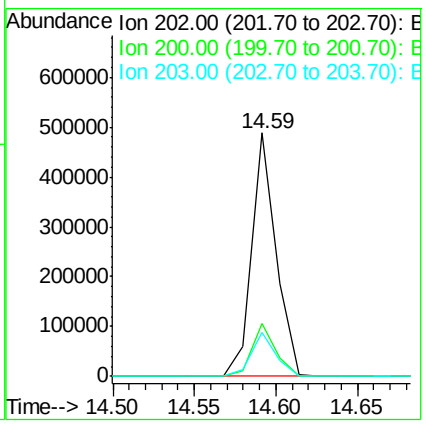


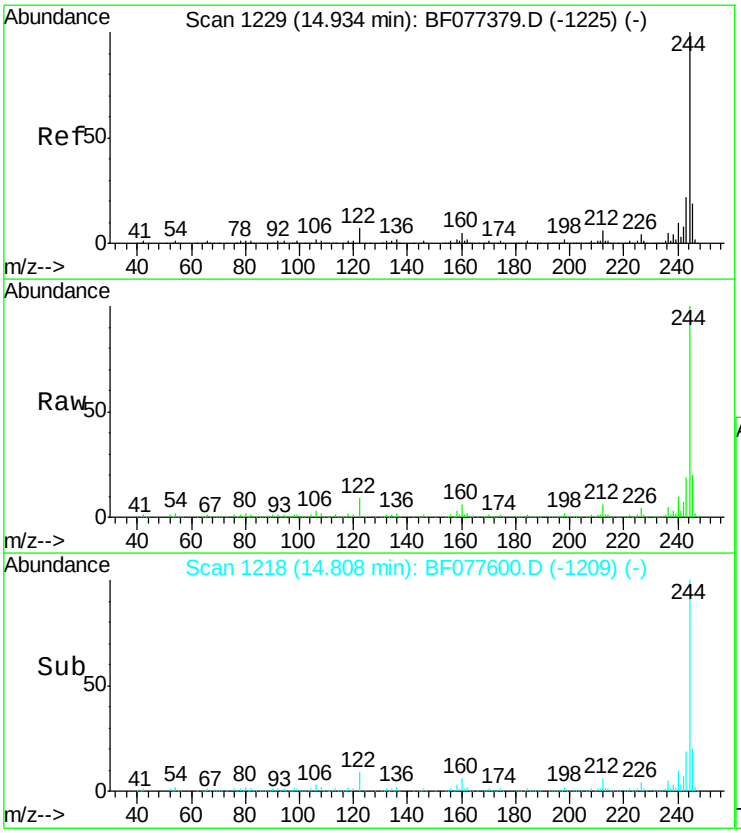

#77
Pyrene
Concen: 32.57 ng
RT: 14.59 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:202 Resp: 506055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.1 | 25.7 |
| 203 | 18.0 | 14.2 | 21.2 |

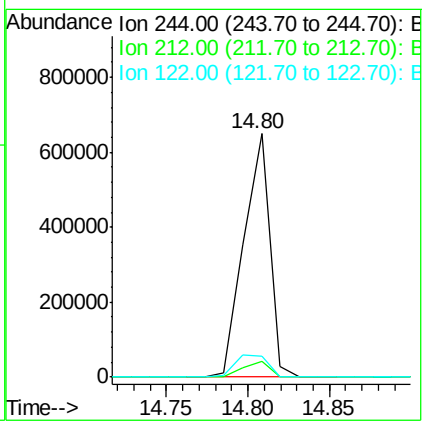


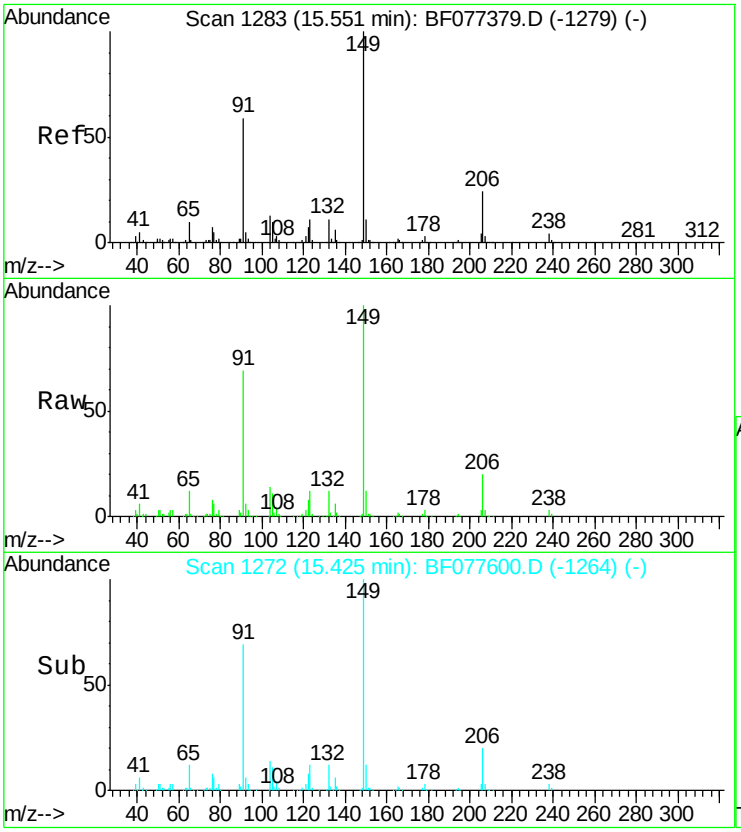




#78
Terphenyl-d14
Concen: 66.16 ng
RT: 14.80 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:244 Resp: 718686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 5.2 | 7.8 |
| 122 | 8.8 | 7.8 | 11.8 |



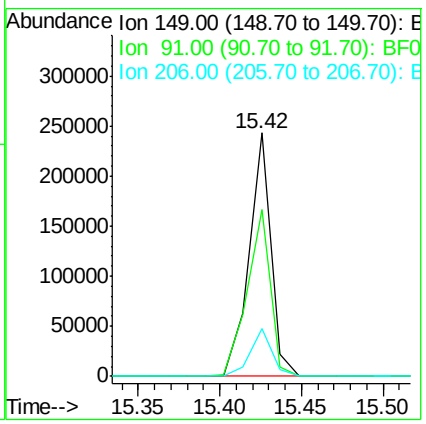


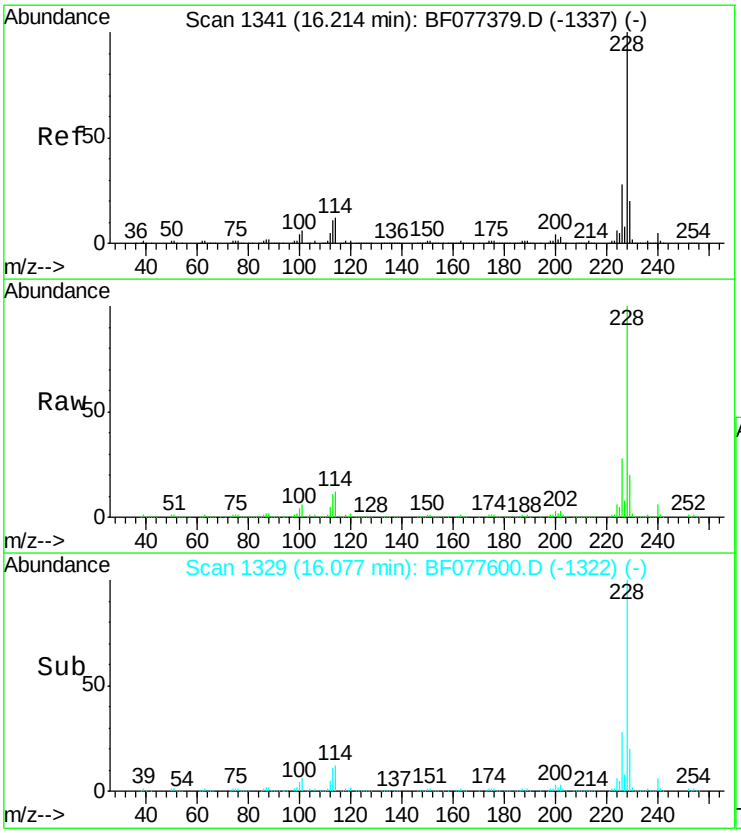

#79
Butylbenzylphthalate
Concen: 35.40 ng
RT: 15.42 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:149 Resp: 226275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.8 | 51.2 | 76.8 |
| 206 | 19.9 | 17.8 | 26.8 |

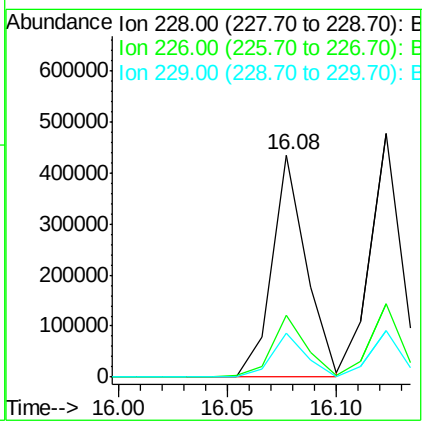


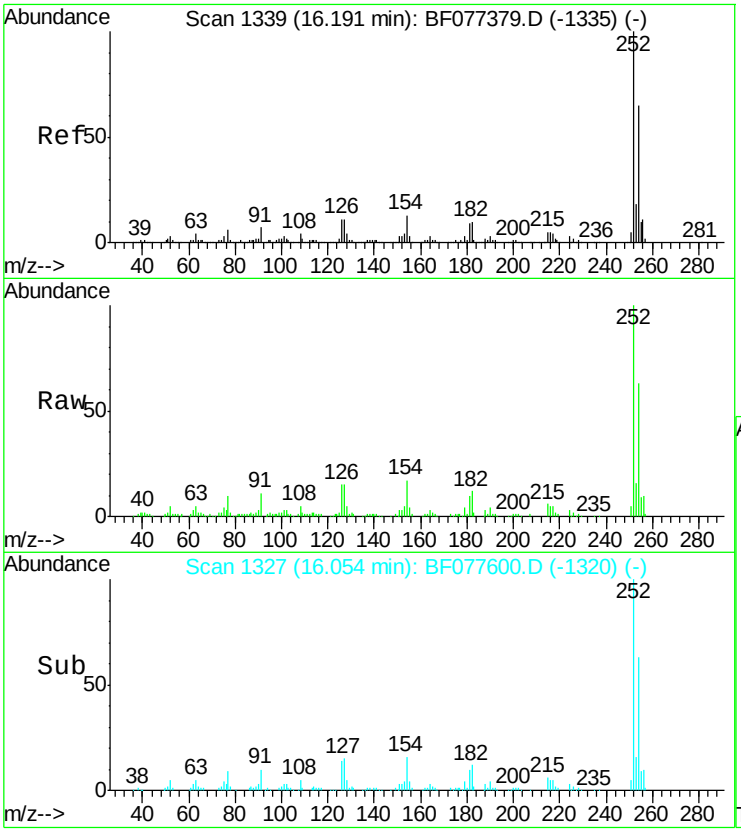




#80
Benzo(a)anthracene
Concen: 32.27 ng
RT: 16.08 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:228 Resp: 480255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 22.0 | 33.0 |
| 229 | 19.9 | 15.8 | 23.8 |



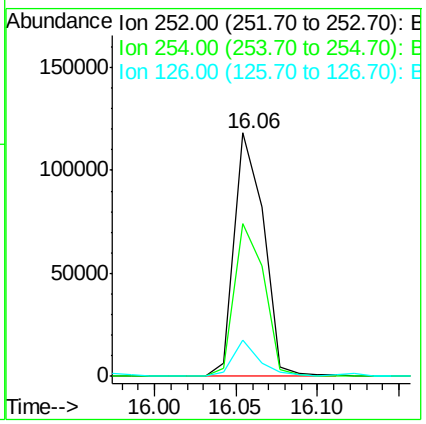


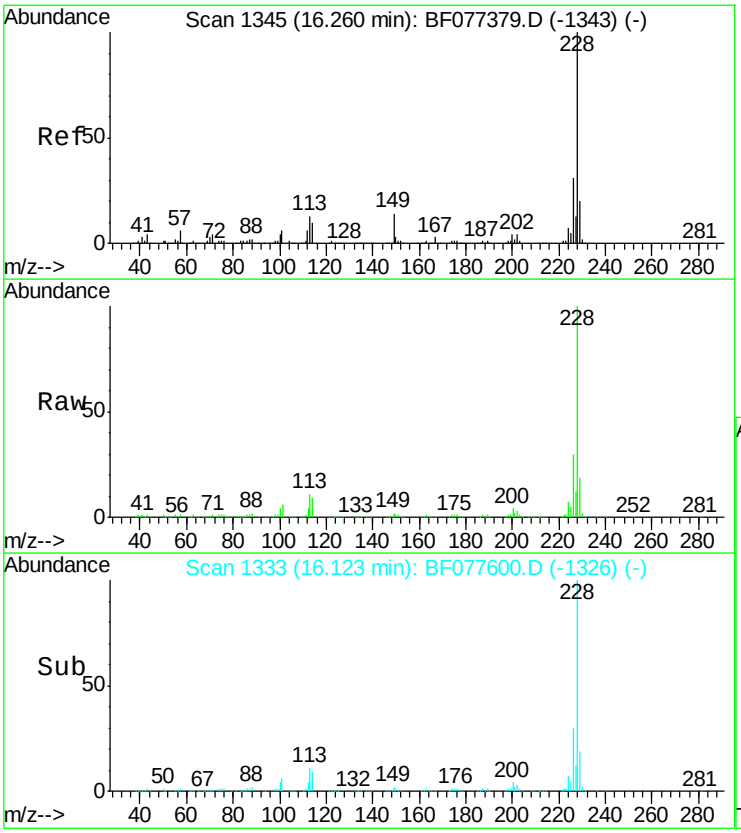

#81
3,3'-Dichlorobenzidine
Concen: 27.03 ng
RT: 16.06 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:252 Resp: 147425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.8 | 52.9 | 79.3 |
| 126 | 14.7 | 7.3 | 10.9# |

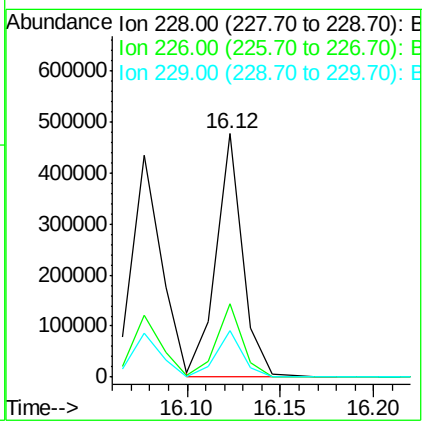


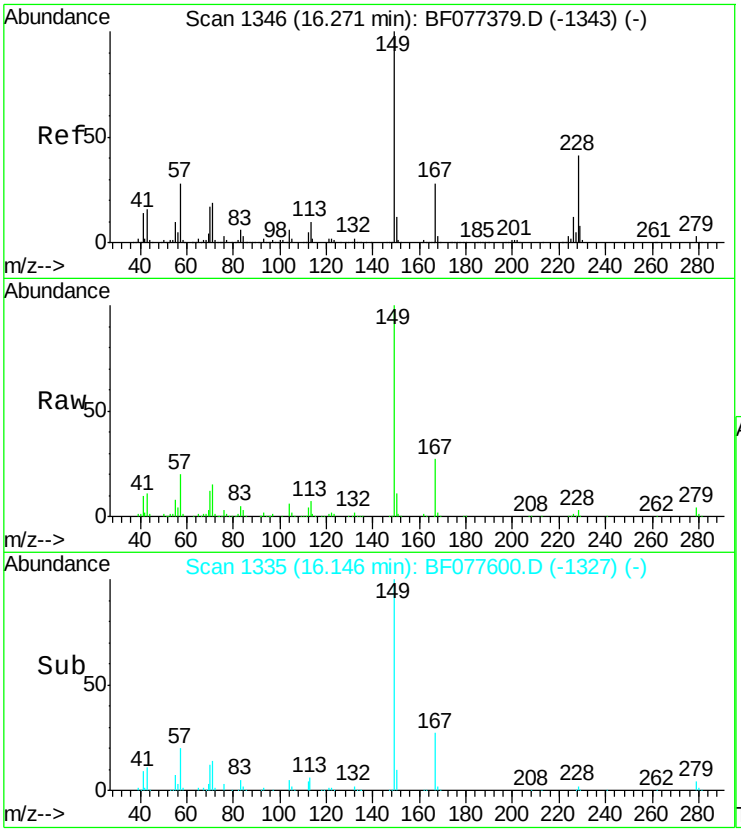




#82
Chrysene
Concen: 33.84 ng
RT: 16.12 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:228 Resp: 472960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.9 | 37.3 |
| 229 | 19.4 | 16.4 | 24.6 |



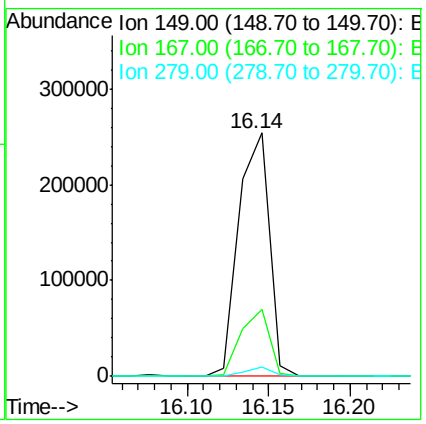


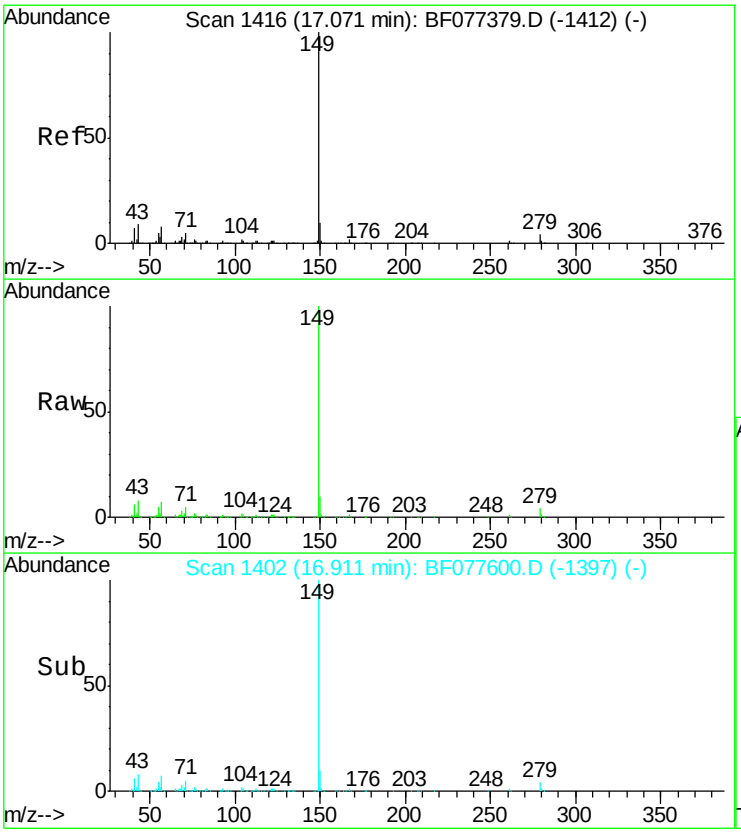

#83
Bis(2-ethylhexyl)phthalate
Concen: 32.33 ng
RT: 16.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:149 Resp: 331361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 22.8 | 34.2 |
| 279 | 4.1 | 3.8 | 5.6 |

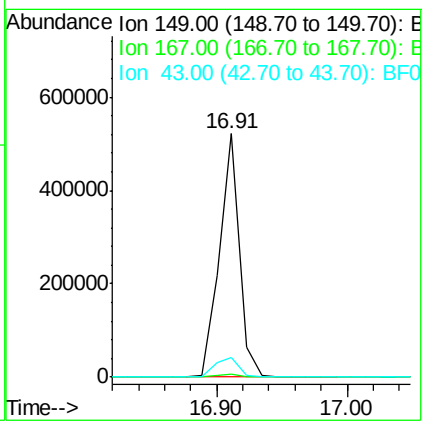


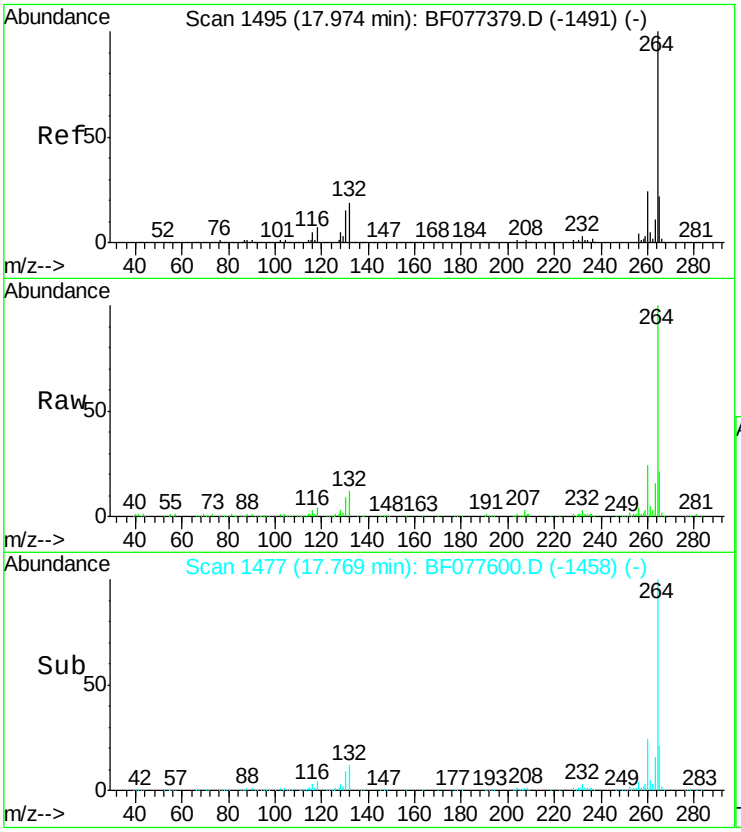




#84
Di-n-octyl phthalate
Concen: 32.82 ng
RT: 16.91 min Scan# 1402
Delta R.T. -0.04 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:149 Resp: 561624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.3 | 1.9 |
| 43 | 9.2 | 8.1 | 12.1 |



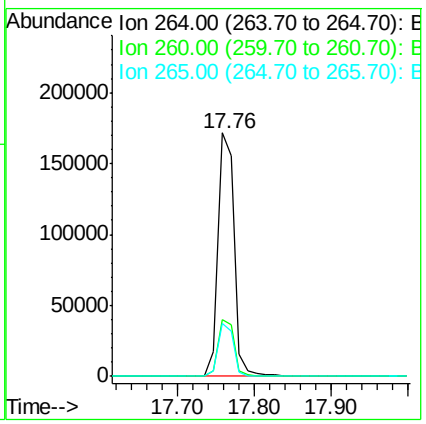


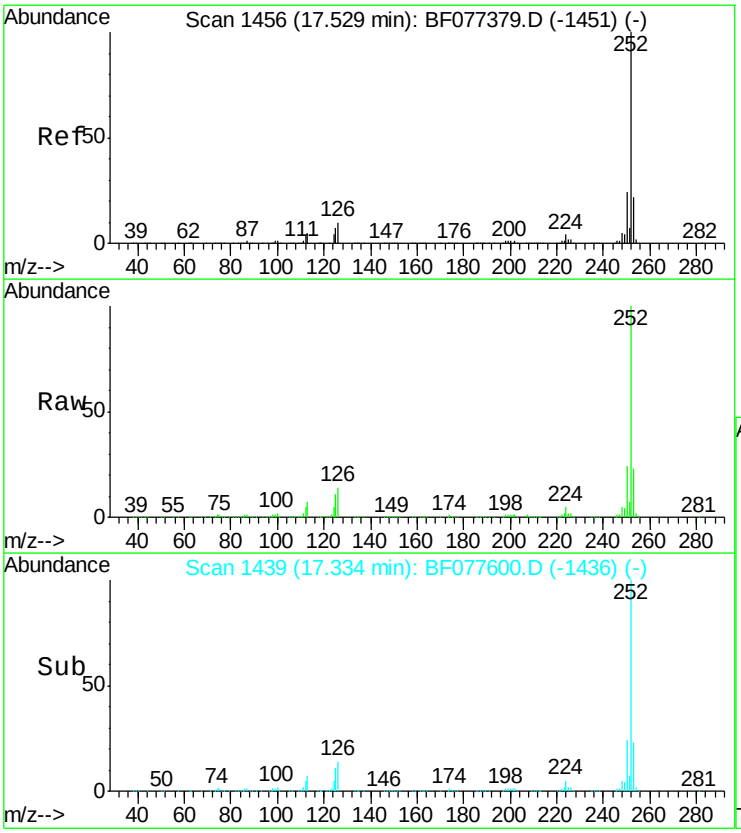

#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1477
Delta R.T. -0.08 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:264 Resp: 253296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.3 | 28.9 |
| 265 | 20.7 | 16.8 | 25.2 |

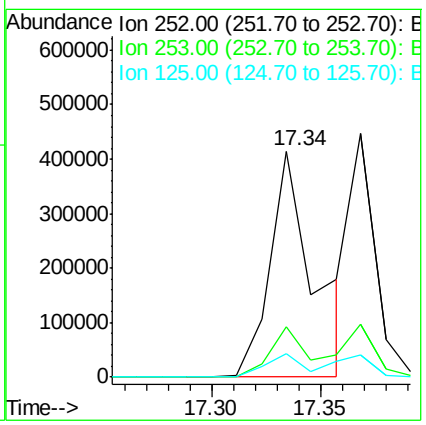


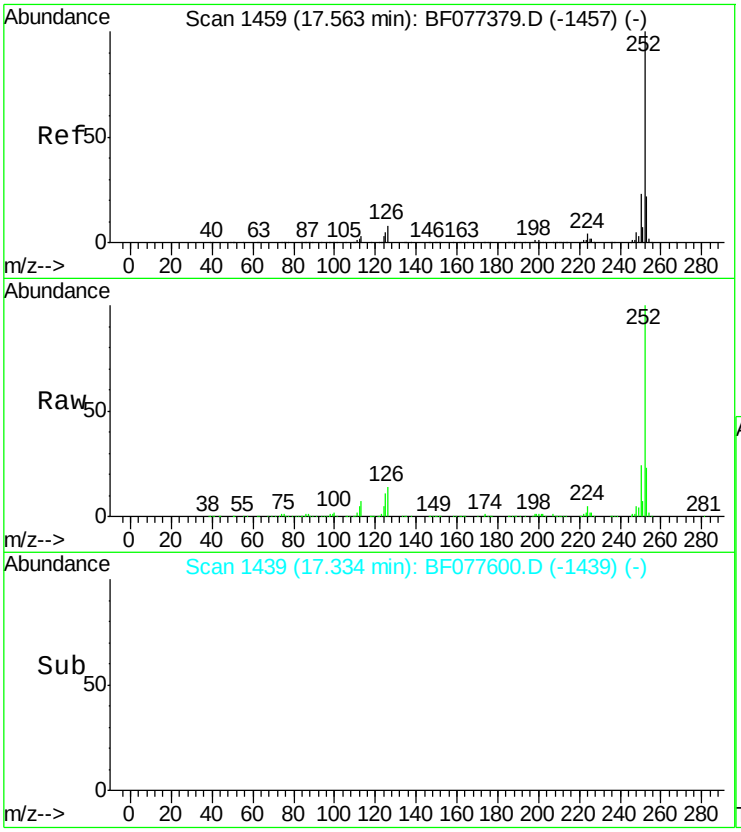




#87
Benzo(b)fluoranthene
Concen: 39.68 ng
RT: 17.34 min Scan# 1439
Delta R.T. -0.06 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:252 Resp: 584505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.6 | 26.4 |
| 125 | 10.5 | 5.4 | 8.2# |



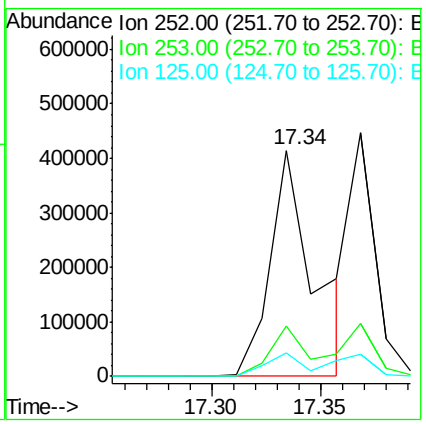


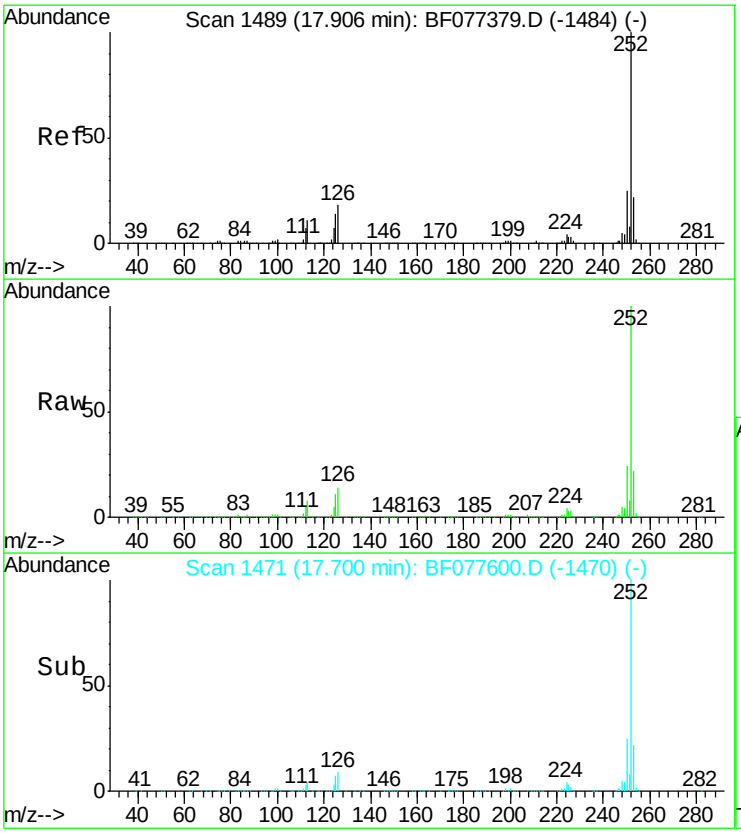

#88
Benzo(k)fluoranthene
Concen: 40.49 ng
RT: 17.34 min Scan# 1439
Delta R.T. -0.10 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:252 Resp: 584505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.1 | 27.1 |
| 125 | 10.5 | 10.1 | 15.1 |

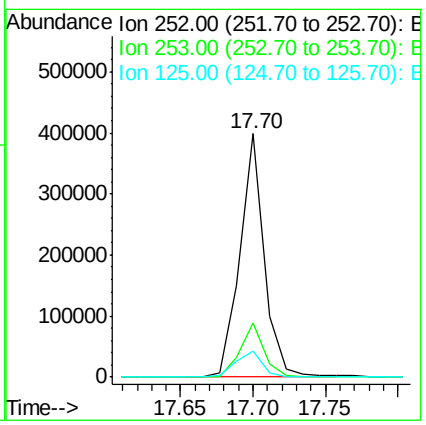


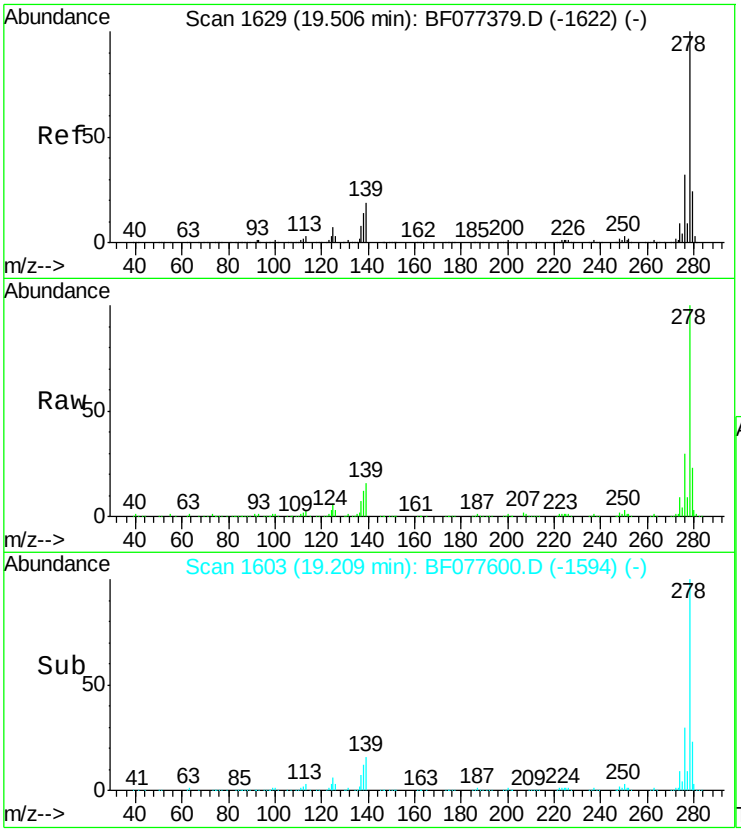




#89
Benzo(a)pyrene
Concen: 33.06 ng
RT: 17.70 min Scan# 1471
Delta R.T. -0.09 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:252 Resp: 463768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.2 | 27.2 |
| 125 | 10.7 | 8.3 | 12.5 |



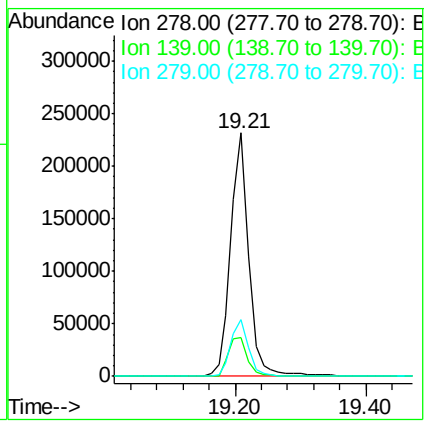


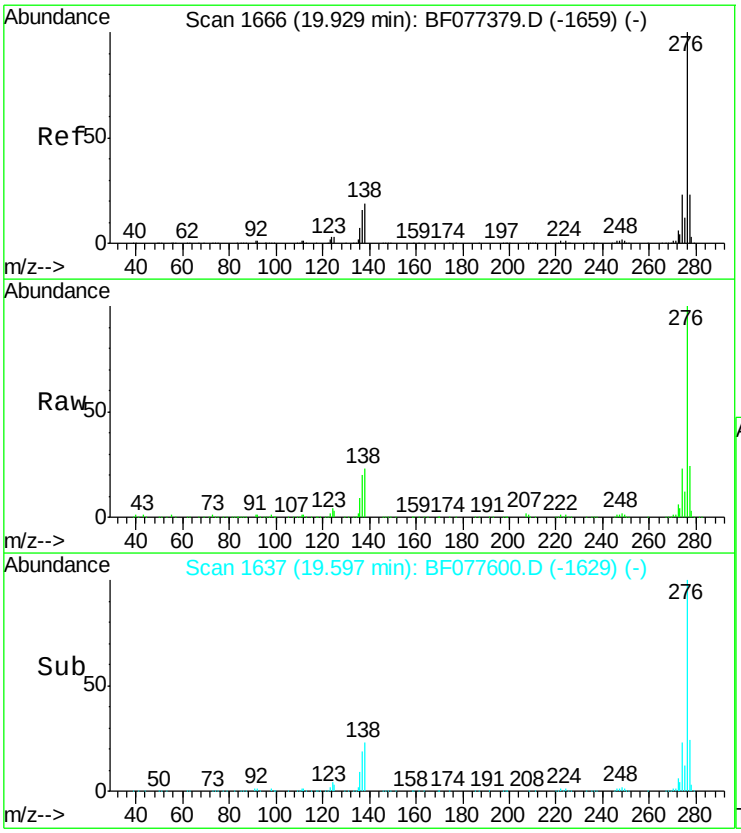

#90
Dibenzo(a,h)anthracene
Concen: 33.40 ng
RT: 19.21 min Scan# 1603
Delta R.T. -0.10 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

**Instrument :**
BNA_F
**ClientSampleId :**
FK-PS-01-013MSD

Tgt Ion:278 Resp: 446797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.1 | 14.3 | 21.5 |
| 279 | 23.1 | 19.0 | 28.6 |




#91
Benzo(g,h,i)perylene
Concen: 33.67 ng
RT: 19.60 min Scan# 1637
Delta R.T. -0.10 min
Lab File: BF077600.D
Acq: 5 Mar 2015 2:36

Tgt Ion:276 Resp: 454706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 18.9 | 28.3 |
| 138 | 23.4 | 20.5 | 30.7 |