Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081127.D
Acq On : 20 Aug 2015 16:31
Operator : UM/IZ
Sample : PB85121BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB85121BS

Quant Time: Aug 21 01:34:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.57 | 152 | 73129 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.86 | 136 | 296454 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.61 | 164 | 145247 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.09 | 188 | 283047 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.71 | 240 | 237408 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.04 | 264 | 166988 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.16 | 112 | 431854 | 88.82 | ng | | 0.01 |
| 7) Phenol-d6 | 6.23 | 99 | 601121 | 94.76 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.14 | 82 | 382636 | 58.96 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.40 | 330 | 126163 | 100.20 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 8.95 | 172 | 661344 | 59.66 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.66 | 244 | 570602 | 51.53 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.07 | 88 | 57993 | 25.31 | ng | | 97 |
| 3) Pyridine | 2.69 | 79 | 151831 | 23.48 | ng | | 84 |
| 4) n-Nitrosodimethylamine | 2.63 | 42 | 106582 | 29.60 | ng | | 86 |
| 6) Aniline | 6.24 | 93 | 161242 | 17.48 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.36 | 128 | 157847 | 29.66 | ng | | 97 |
| 9) Benzaldehyde | 6.12 | 77 | 56723 | 13.87 | ng | | 88 |
| 10) Phenol | 6.24 | 94 | 249738 | 33.33 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 6.32 | 93 | 177360 | 30.85 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 6.52 | 146 | 172598 | 30.18 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.60 | 146 | 172577 | 30.48 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.74 | 146 | 159592 | 30.11 | ng | | 98 |
| 15) Benzyl Alcohol | 6.73 | 79 | 167026 | 32.54 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.87 | 45 | 327458 | 28.99 | ng | | 100 |
| 17) 2-Methylphenol | 6.86 | 107 | 146803 | 32.15 | ng | | 96 |
| 18) Hexachloroethane | 7.09 | 117 | 66628 | 29.12 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.01 | 70 | 132165 | 30.08 | ng | | 92 |
| 20) 3+4-Methylphenols | 7.01 | 107 | 179791 | 31.02 | ng | # | 53 |
| 22) Acetophenone | 7.00 | 105 | 242706 | 31.18 | ng | # | 88 |
| 24) Nitrobenzene | 7.17 | 77 | 214340 | 31.59 | ng | | 99 |
| 25) Isophorone | 7.41 | 82 | 357840 | 29.57 | ng | | 98 |
| 26) 2-Nitrophenol | 7.49 | 139 | 91997 | 32.60 | ng | # | 68 |
| 27) 2,4-Dimethylphenol | 7.53 | 122 | 151678 | 30.38 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.64 | 93 | 225533 | 31.55 | ng | # | 98 |
| 29) 2,4-Dichlorophenol | 7.73 | 162 | 130098 | 30.95 | ng | | 88 |
| 30) 1,2,4-Trichlorobenzene | 7.81 | 180 | 134554 | 28.81 | ng | | 98 |
| 31) Naphthalene | 7.89 | 128 | 514856 | 31.16 | ng | | 99 |
| 32) Benzoic acid | 7.67 | 122 | 109585 | 39.03 | ng | | 91 |
| 33) 4-Chloroaniline | 7.94 | 127 | 101011 | 14.49 | ng | # | 86 |
| 34) Hexachlorobutadiene | 8.01 | 225 | 82915 | 31.39 | ng | | 97 |
| 35) Caprolactam | 8.32 | 113 | 32507 | 22.13 | ng | # | 77 |
| 36) 4-Chloro-3-methylphenol | 8.44 | 107 | 157014 | 31.35 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.57 | 142 | 302062 | 28.94 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.74 | 216 | 133543 | 28.50 | ng | # | 98 |
| 40) Hexachlorocyclopentadiene | 8.73 | 237 | 147650 | 60.87 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081127.D
Acq On : 20 Aug 2015 16:31
Operator : UM/IZ
Sample : PB85121BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB85121BS

Quant Time: Aug 21 01:34:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.86 | 196 | 98599 | 29.78 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 8.90 | 196 | 98545 | 29.78 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.04 | 154 | 383334 | 29.96 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.06 | 162 | 304300 | 29.61 | ng | | 98 |
| 47) 2-Nitroaniline | 9.17 | 65 | 134391 | 31.95 | ng | # | 75 |
| 48) Acenaphthylene | 9.48 | 152 | 525815 | 28.60 | ng | | 99 |
| 49) Dimethylphthalate | 9.35 | 163 | 330754 | 27.65 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.41 | 165 | 69923 | 27.23 | ng | # | 64 |
| 51) Acenaphthene | 9.65 | 154 | 304737 | 27.69 | ng | | 99 |
| 52) 3-Nitroaniline | 9.57 | 138 | 54802 | 17.05 | ng | | 92 |
| 53) 2,4-Dinitrophenol | 9.68 | 184 | 74962 | 56.38 | ng | | 86 |
| 54) Dibenzofuran | 9.82 | 168 | 457886 | 31.04 | ng | | 97 |
| 55) 4-Nitrophenol | 9.75 | 139 | 118493 | 52.49 | ng | | 84 |
| 56) 2,4-Dinitrotoluene | 9.81 | 165 | 93488 | 27.46 | ng | # | 66 |
| 57) Fluorene | 10.15 | 166 | 314893 | 27.75 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.90 | 232 | 87885 | 34.32 | ng | | 92 |
| 59) Diethylphthalate | 10.05 | 149 | 364842 | 28.82 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.15 | 204 | 140798 | 29.32 | ng | | 94 |
| 61) 4-Nitroaniline | 10.18 | 138 | 80358 | 24.46 | ng | | 93 |
| 62) Azobenzene | 10.31 | 77 | 421745 | 28.91 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.22 | 198 | 56961 | 33.70 | ng | # | 57 |
| 65) n-Nitrosodiphenylamine | 10.28 | 169 | 294718 | 29.17 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.64 | 248 | 90510 | 32.55 | ng | # | 85 |
| 67) Hexachlorobenzene | 10.70 | 284 | 88567 | 31.45 | ng | # | 91 |
| 68) Atrazine | 10.81 | 200 | 106034 | 37.67 | ng | | 99 |
| 69) Pentachlorophenol | 10.89 | 266 | 96015 | 56.83 | ng | | 99 |
| 70) Phenanthrene | 11.11 | 178 | 527052 | 31.42 | ng | | 100 |
| 71) Anthracene | 11.16 | 178 | 468875 | 28.72 | ng | | 99 |
| 72) Carbazole | 11.32 | 167 | 464877 | 29.58 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.66 | 149 | 593012 | 31.18 | ng | | 98 |
| 74) Fluoranthene | 12.29 | 202 | 583631 | 32.24 | ng | | 97 |
| 76) Benzidine | 12.41 | 184 | 207929 | 23.19 | ng | | 99 |
| 77) Pyrene | 12.50 | 202 | 522907 | 27.09 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.14 | 149 | 253160 | 30.52 | ng | # | 68 |
| 80) Benzo(a)anthracene | 13.69 | 228 | 468380 | 29.42 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.66 | 252 | 92218 | 17.88 | ng | | 97 |
| 82) Chrysene | 13.73 | 228 | 415164 | 28.93 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.72 | 149 | 358617 | 33.75 | ng | # | 98 |
| 84) Di-n-octyl phthalate | 14.32 | 149 | 600143 | 37.16 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.24 | 276 | 294228 | 29.21 | ng | # | 94 |
| 87) Benzo(b)fluoranthene | 14.71 | 252 | 721238 | 61.06 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 14.71 | 252 | 721238 | 65.53 | ng | | 98 |
| 89) Benzo(a)pyrene | 14.99 | 252 | 316371 | 30.74 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 16.25 | 278 | 245385 | 30.60 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 16.61 | 276 | 242529 | 29.81 | ng | | 97 |

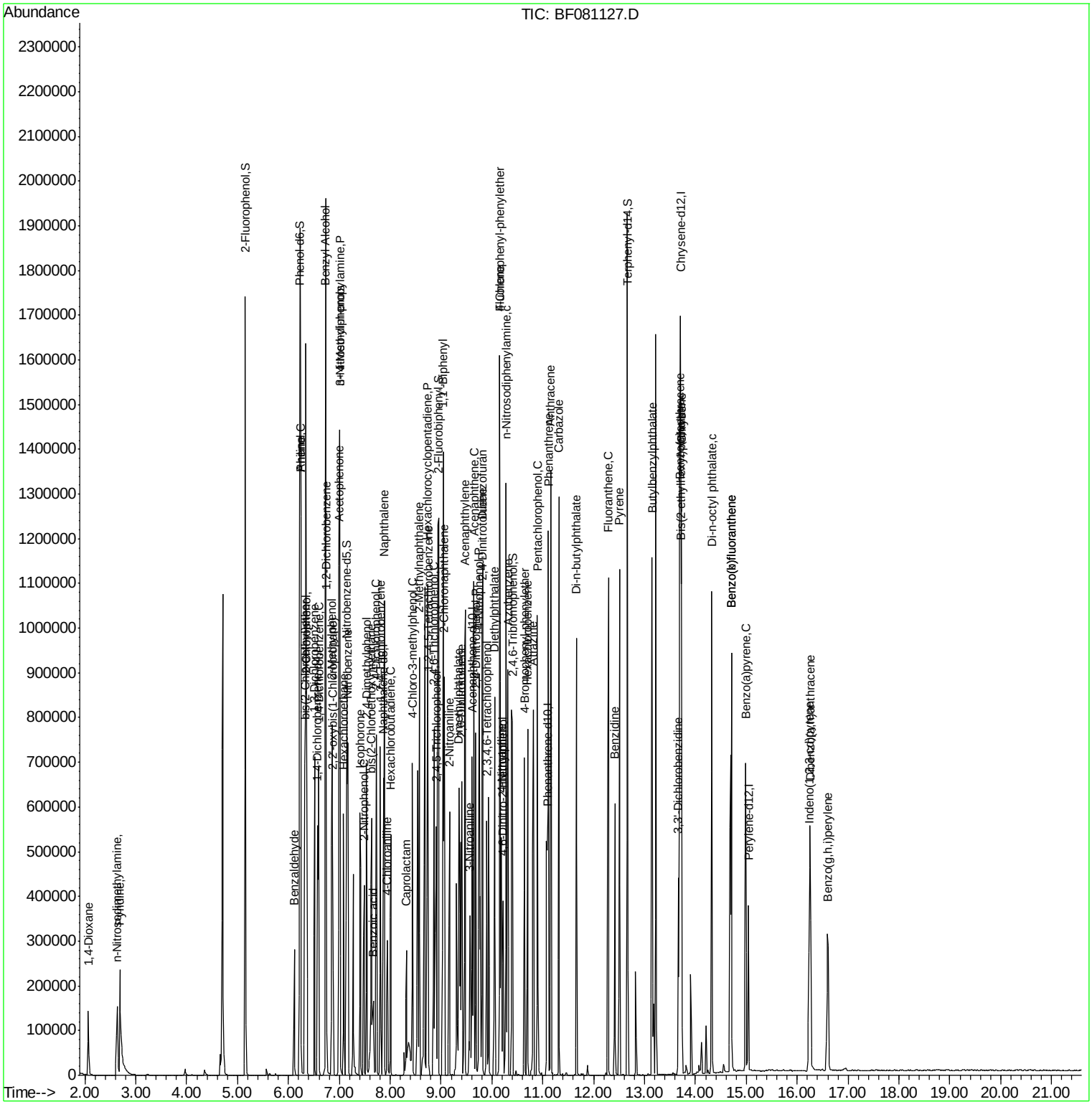
(#) = qualifier out of range (m) = manual integration (+) = signals summed

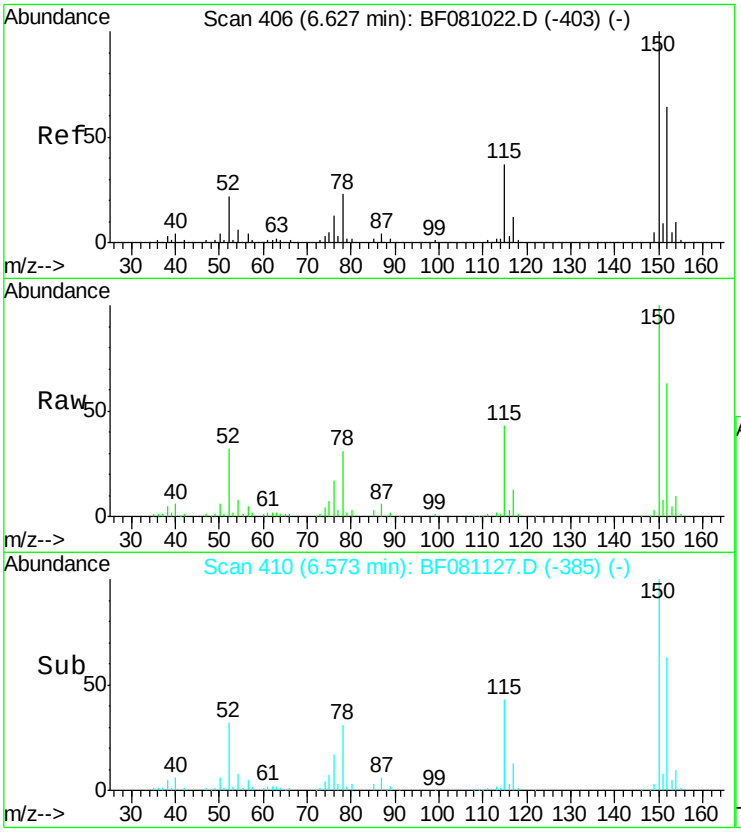
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081127.D
Acq On : 20 Aug 2015 16:31
Operator : UM/IZ
Sample : PB85121BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Quant Time: Aug 21 01:34:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration

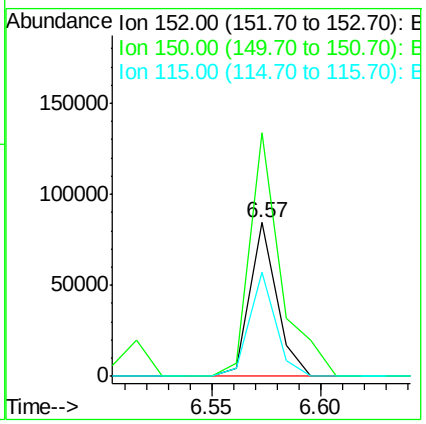




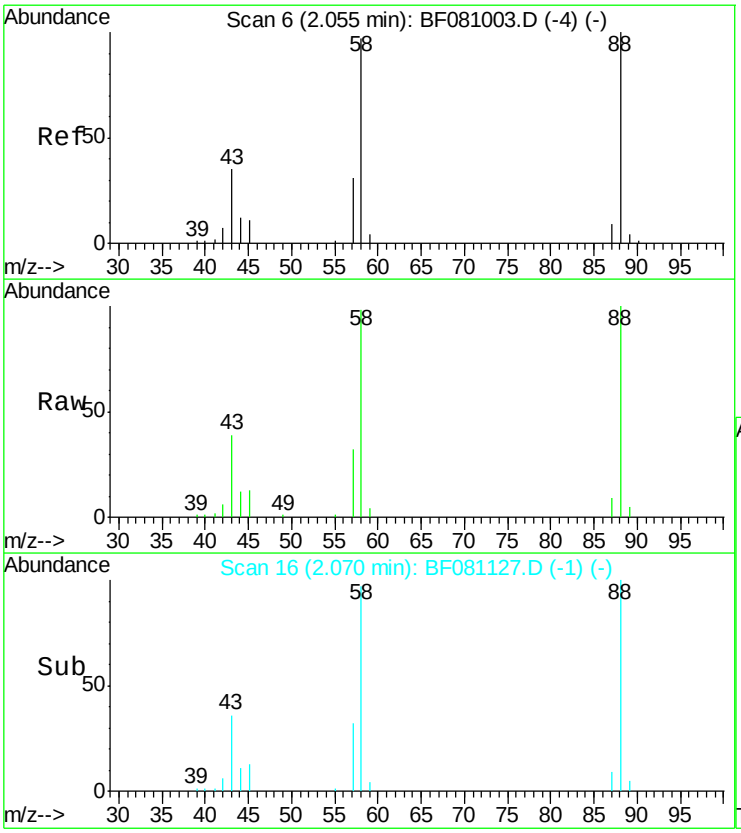

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:152 Resp: 73129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.2 | 123.8 | 185.6 |
| 115 | 67.3 | 52.1 | 78.1 |



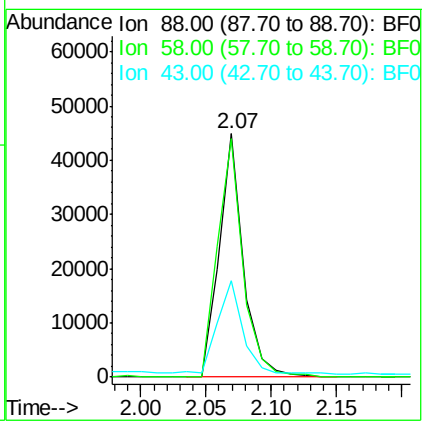

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

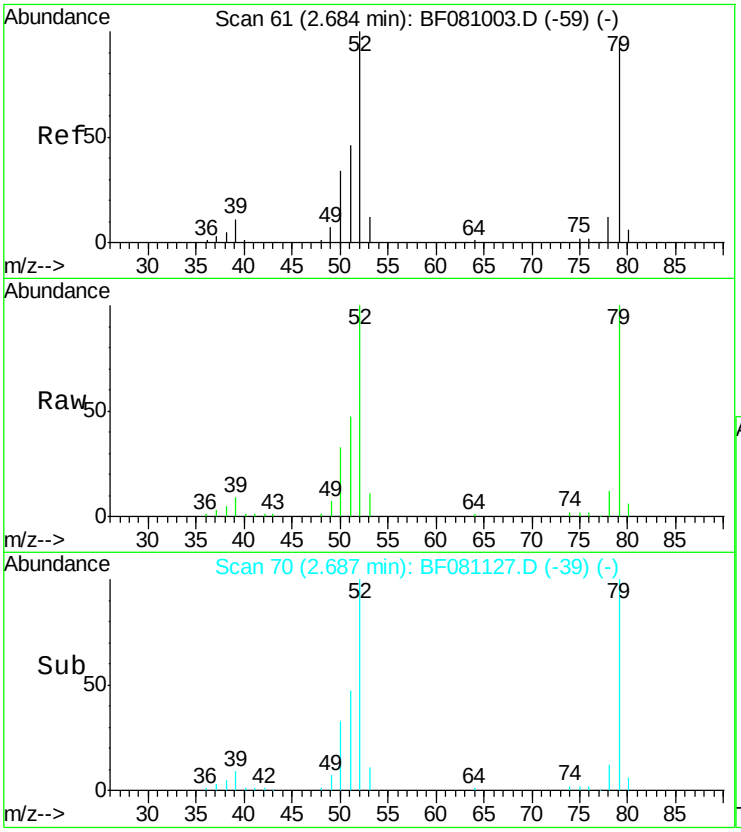



#2
1,4-Dioxane
Concen: 25.31 ng
RT: 2.07 min Scan# 16
Delta R.T. 0.07 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion: 88 Resp: 57993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 102.8 | 83.7 | 125.5 |
| 43 | 43.9 | 37.5 | 56.3 |



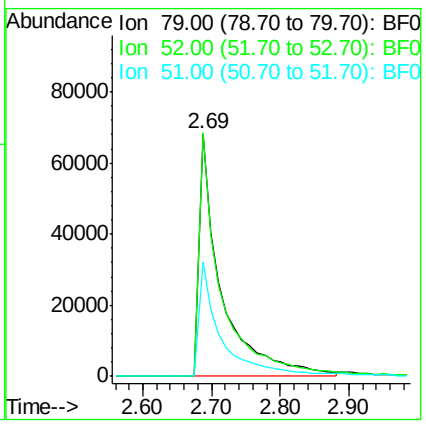


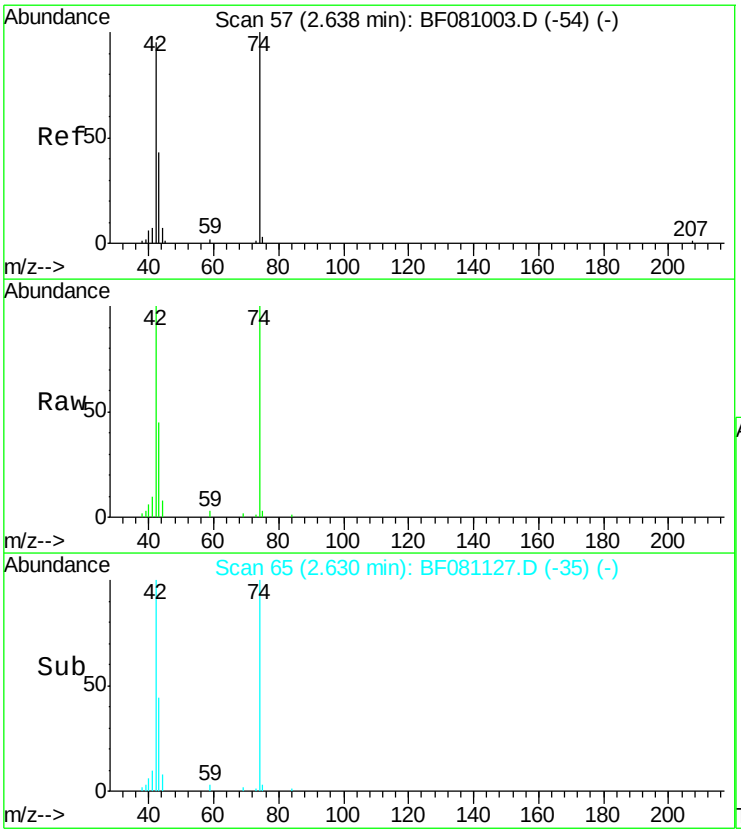

#3
Pyridine
Concen: 23.48 ng
RT: 2.69 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :** BNA_F
**ClientSampleId :** PB85121BS

Tgt Ion: 79 Resp: 151831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 100.4 | 95.1 | 142.7 |
| 51 | 46.9 | 46.6 | 70.0 |

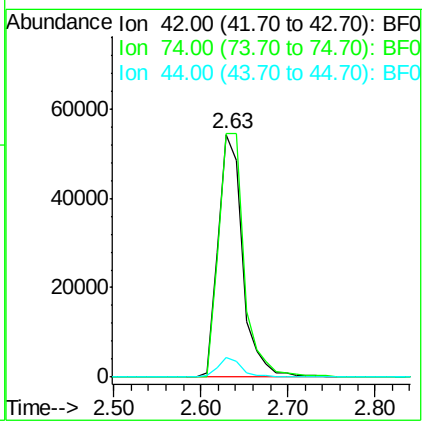


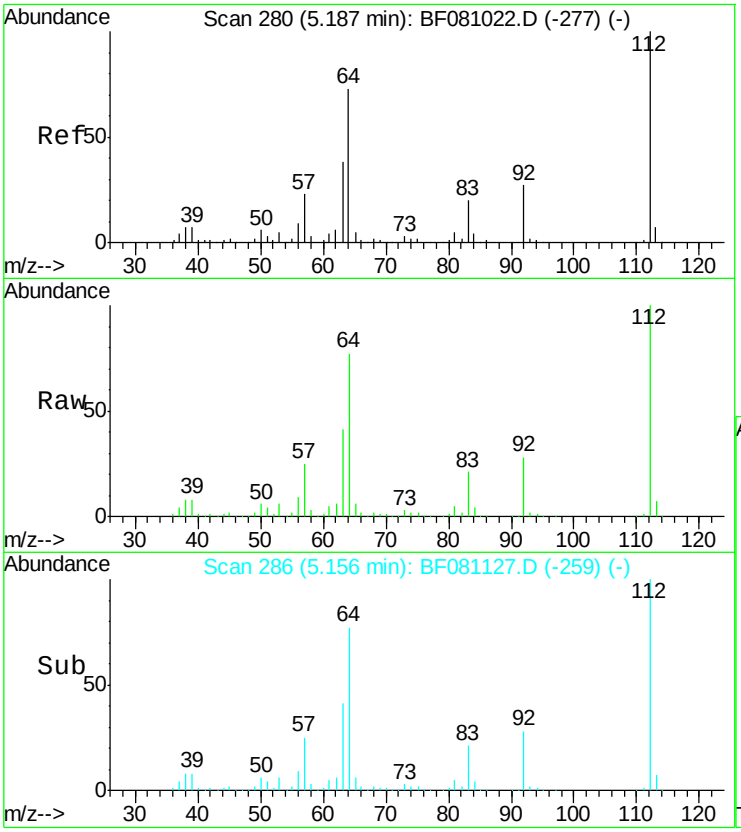




#4
n-Nitrosodimethylamine
Concen: 29.60 ng
RT: 2.63 min Scan# 65
Delta R.T. 0.05 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion: 42 Resp: 106582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 100.3 | 69.3 | 103.9 |
| 44 | 8.1 | 5.5 | 8.3 |



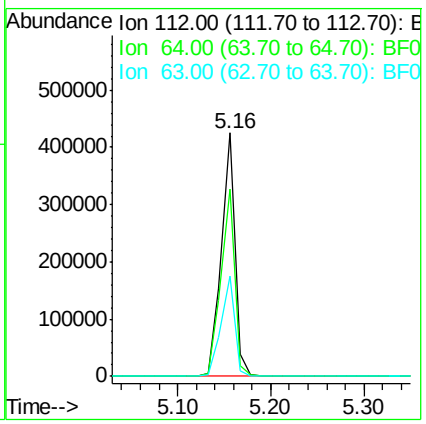


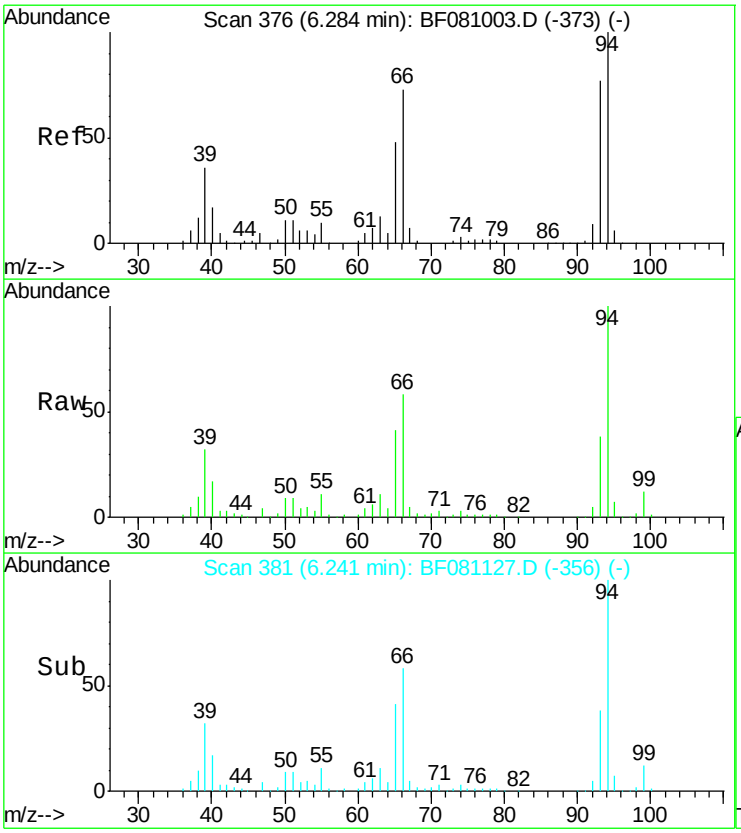

#5
2-Fluorophenol
Concen: 88.82 ng
RT: 5.16 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:112 Resp: 431854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 76.7 | 66.9 | 100.3 |
| 63 | 41.1 | 38.1 | 57.1 |

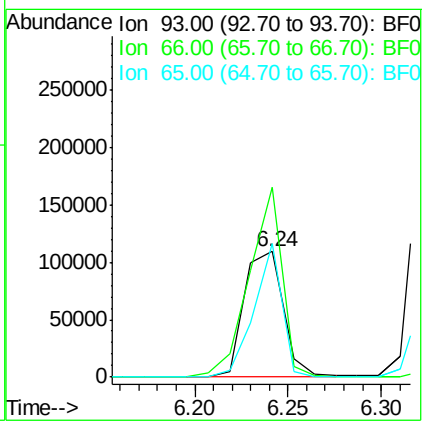


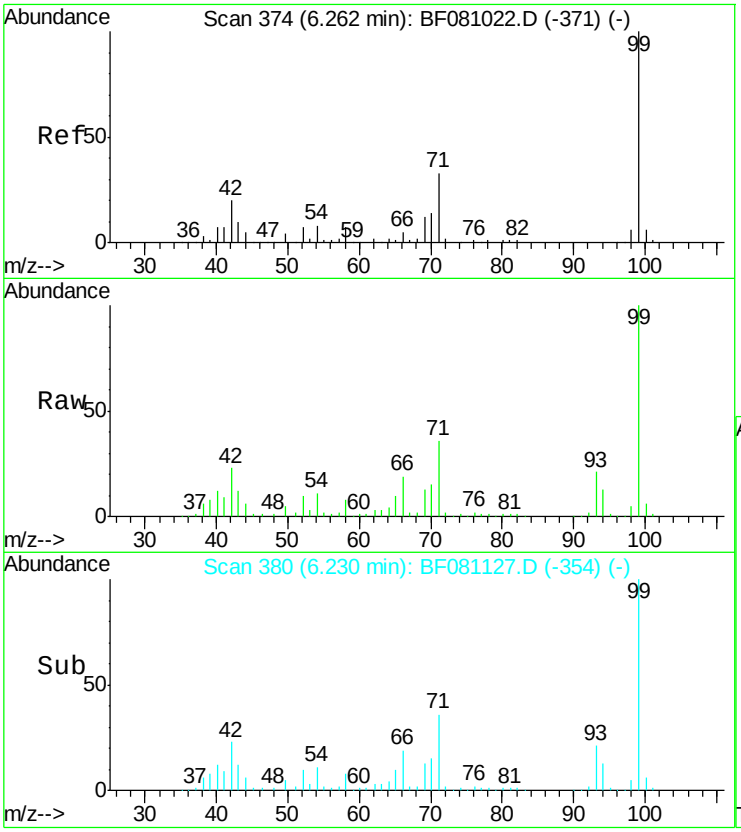




#6
Aniline
Concen: 17.48 ng
RT: 6.24 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion: 93 Resp: 161242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 151.5 | 35.6 | 53.4# |
| 65 | 106.9 | 18.7 | 28.1# |



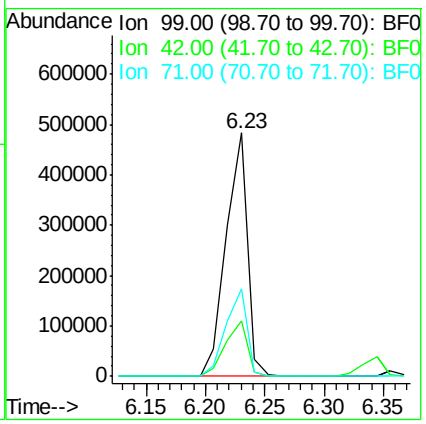


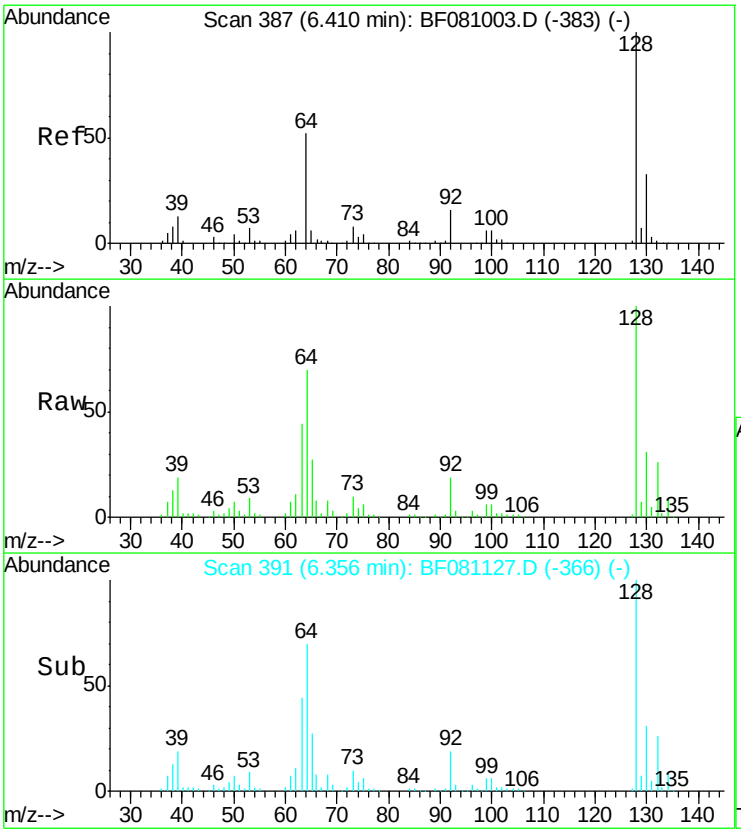

#7
Phenol-d6
Concen: 94.76 ng
RT: 6.23 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion: 99 Resp: 601121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.8 | 19.6 | 29.4 |
| 71 | 35.9 | 31.2 | 46.8 |

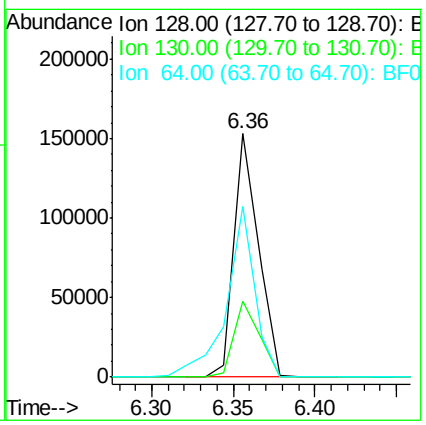


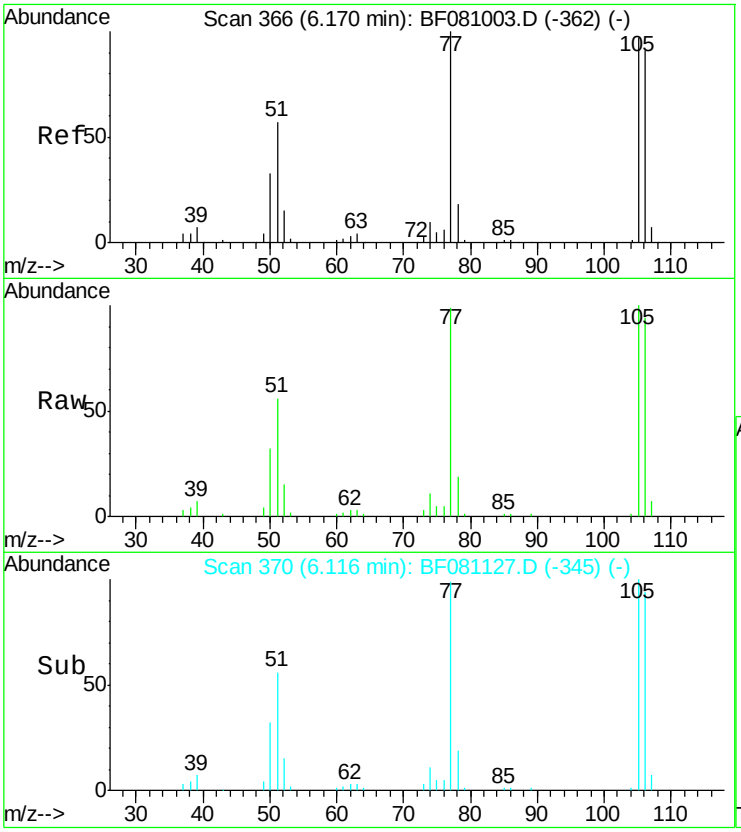




#8
2-Chlorophenol
Concen: 29.66 ng
RT: 6.36 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:128 Resp: 157847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.4 | 12.5 | 52.5 |
| 64 | 70.0 | 46.8 | 86.8 |



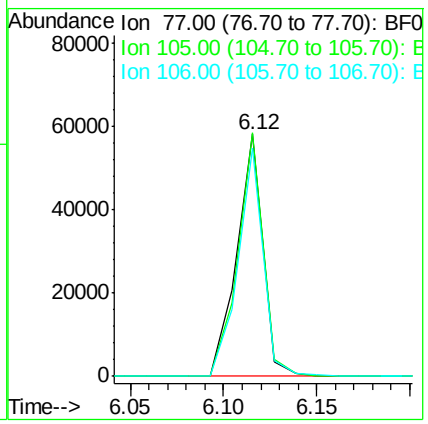


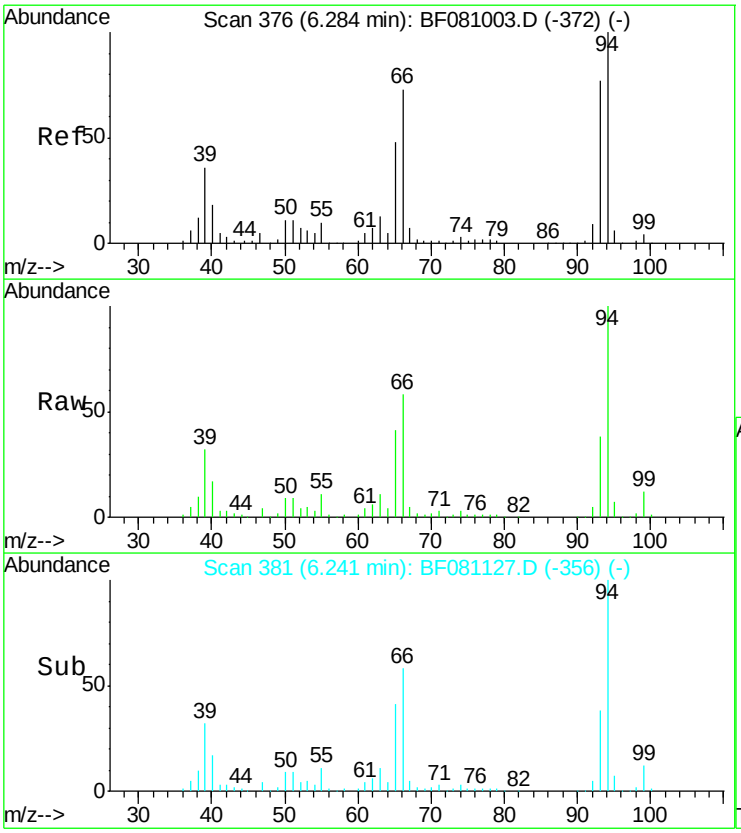

#9
Benzaldehyde
Concen: 13.87 ng
RT: 6.12 min Scan# 370
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion: 77 Resp: 56723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.7 | 69.6 | 109.6 |
| 106 | 94.4 | 64.0 | 104.0 |

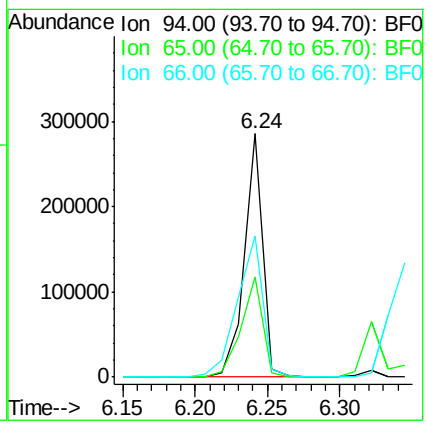


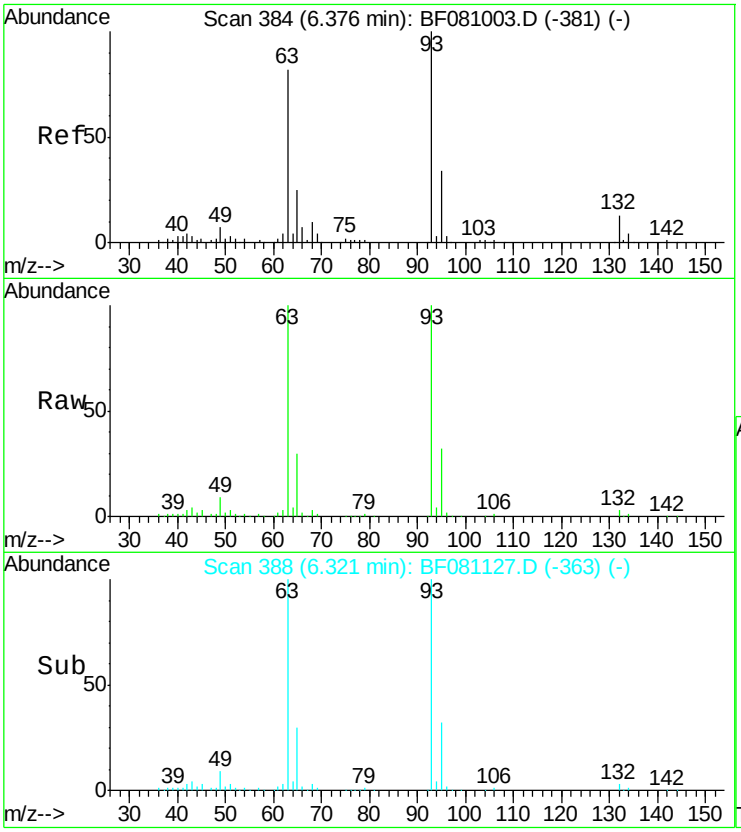




#10
Phenol
Concen: 33.33 ng
RT: 6.24 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion: 94 Resp: 249738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 41.0 | 28.4 | 68.4 |
| 66 | 58.0 | 52.3 | 92.3 |



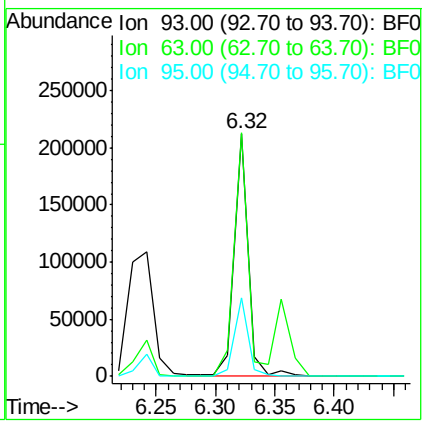


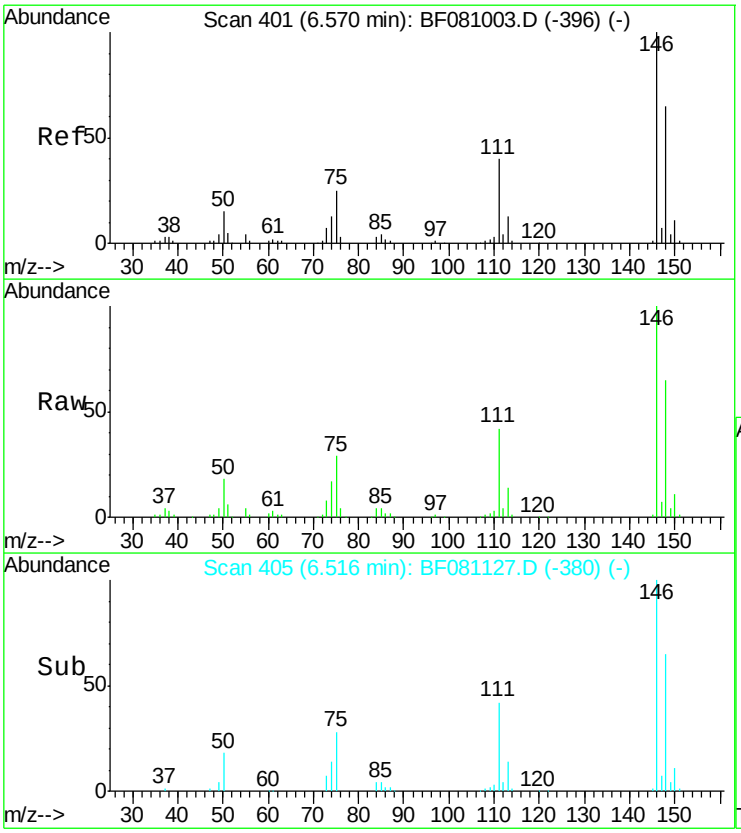

#11
bis(2-Chloroethyl)ether
Concen: 30.85 ng
RT: 6.32 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion: 93 Resp: 177360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 100.4 | 69.6 | 109.6 |
| 95 | 32.6 | 12.3 | 52.3 |

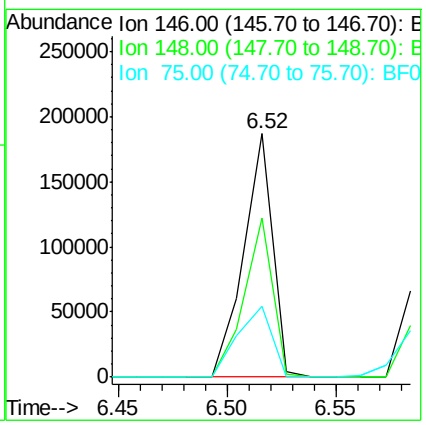


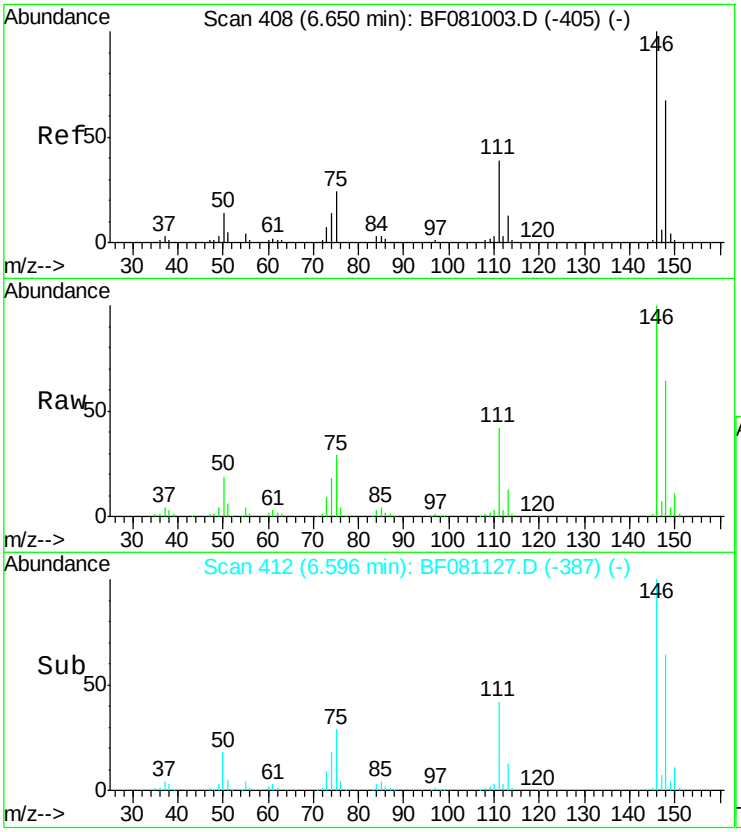




#12
1,3-Dichlorobenzene
Concen: 30.18 ng
RT: 6.52 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:146 Resp: 172598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 53.3 | 79.9 |
| 75 | 29.3 | 25.0 | 37.6 |



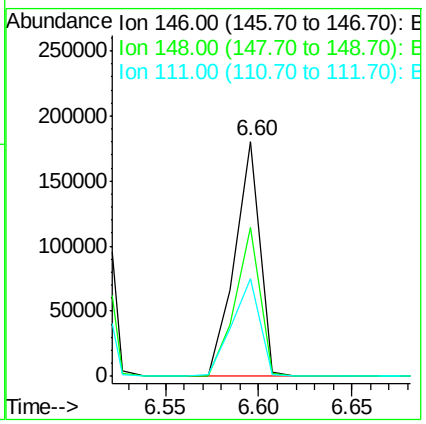


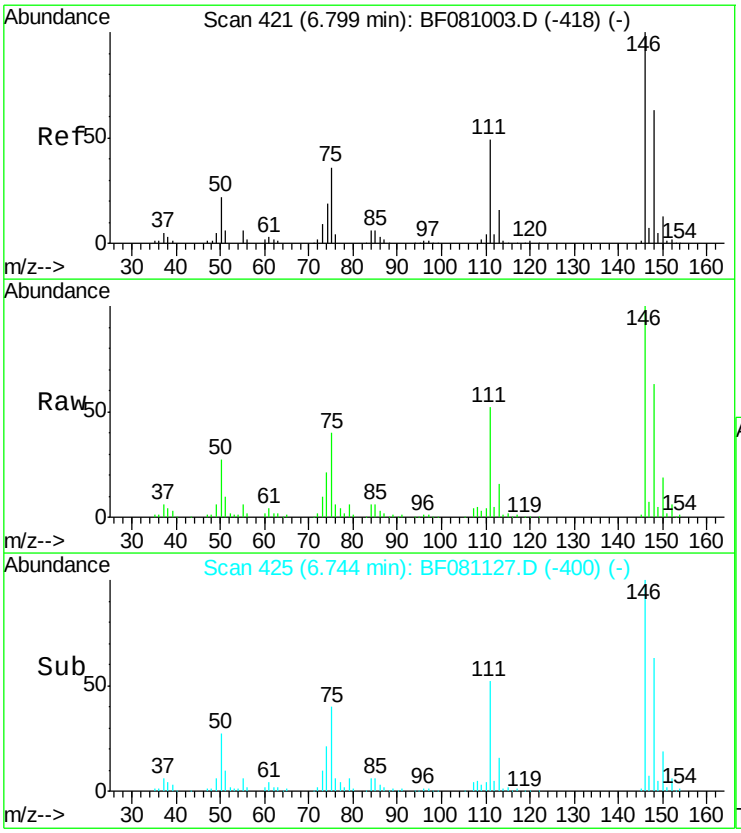

#13
1,4-Dichlorobenzene
Concen: 30.48 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:146 Resp: 172577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 52.3 | 78.5 |
| 111 | 41.7 | 34.4 | 51.6 |

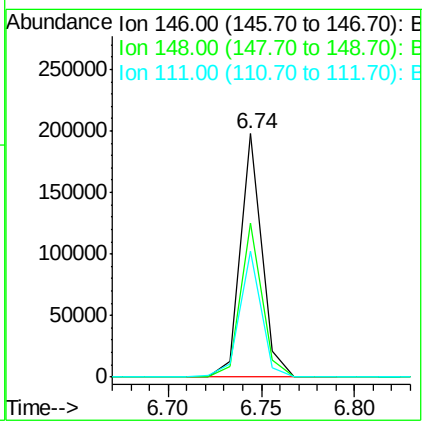


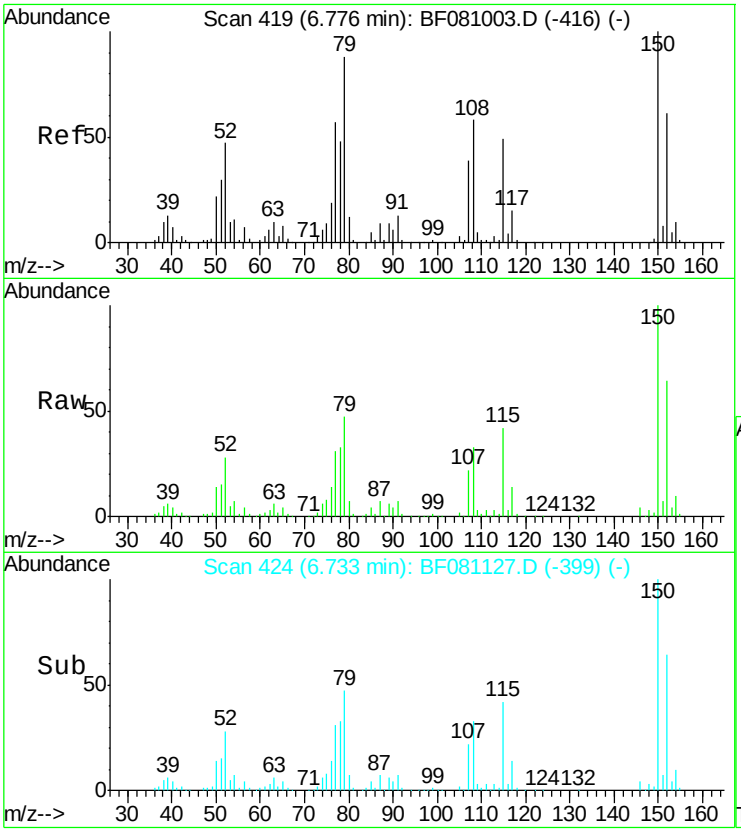




#14
1,2-Dichlorobenzene
Concen: 30.11 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:146 Resp: 159592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 48.7 | 73.1 |
| 111 | 51.8 | 42.3 | 63.5 |



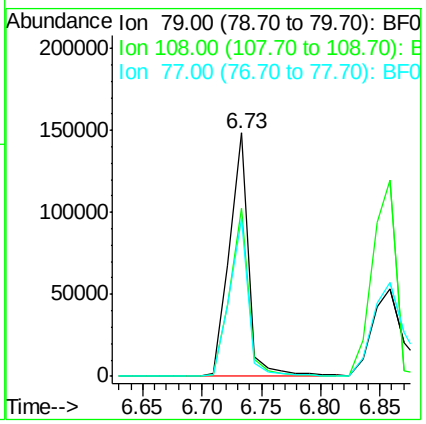


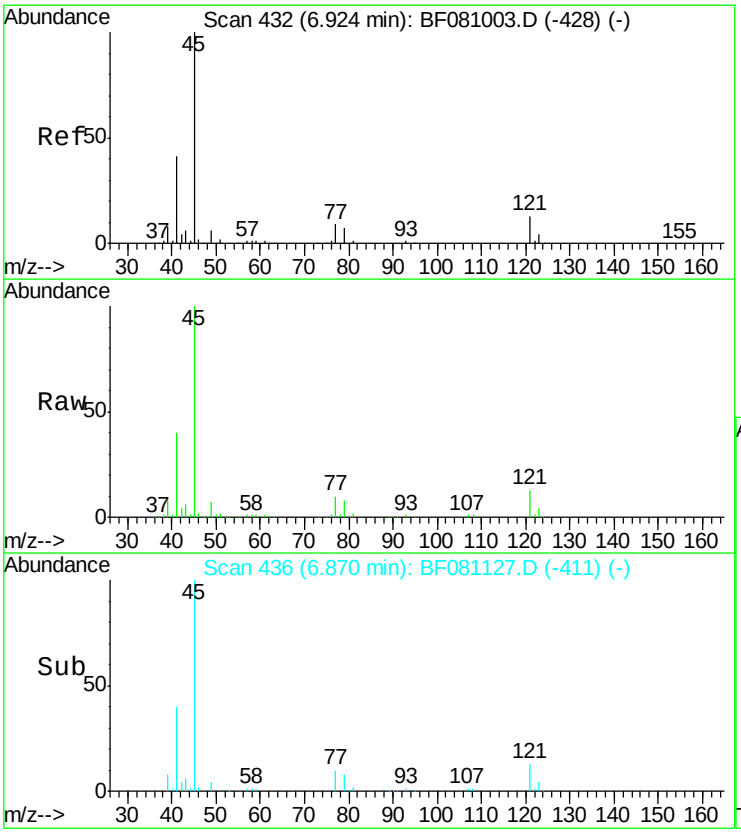

#15
Benzyl Alcohol
Concen: 32.54 ng
RT: 6.73 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion: 79 Resp: 167026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 68.9 | 49.4 | 74.2 |
| 77 | 64.9 | 51.4 | 77.0 |

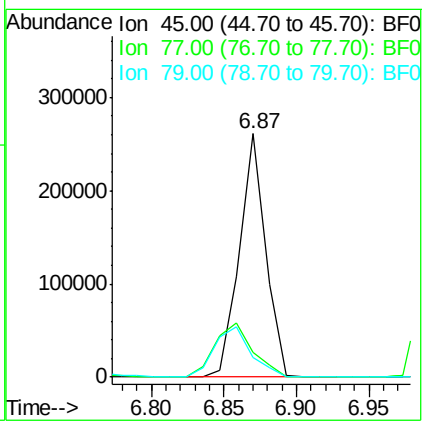


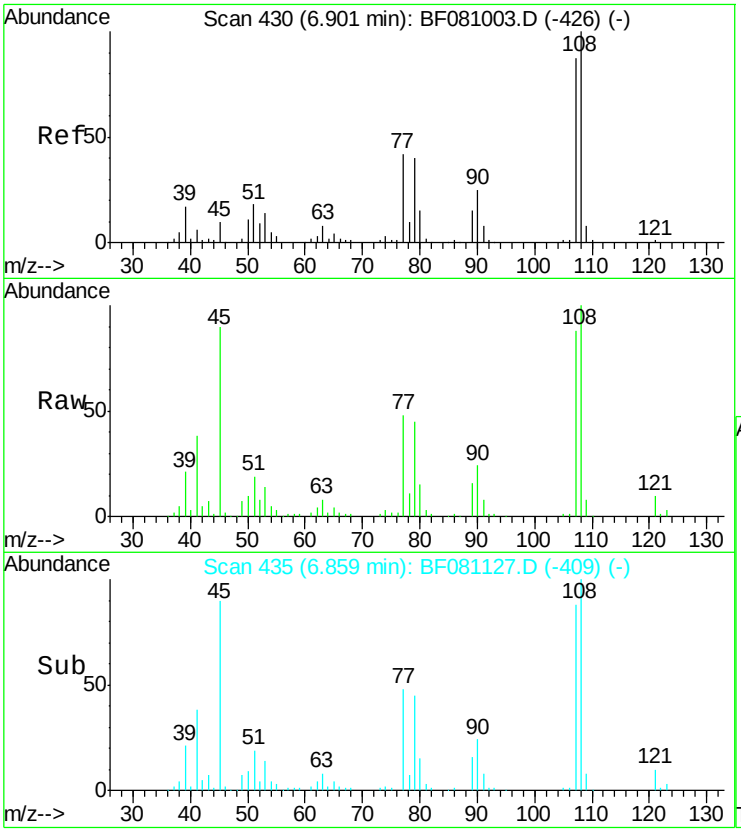




#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.99 ng
RT: 6.87 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion: 45 Resp: 327458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.2 | 0.0 | 30.2 |
| 79 | 8.0 | 0.0 | 28.0 |



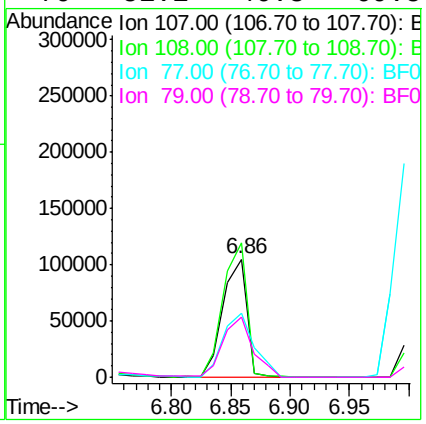


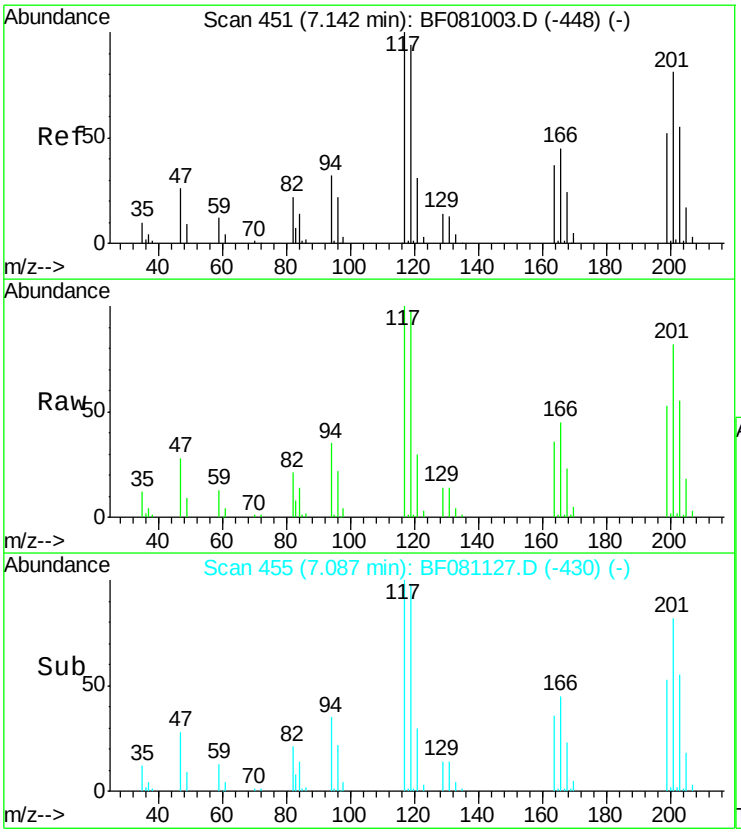

#17
2-Methylphenol
Concen: 32.15 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:107 Resp: 146803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.0 | 90.4 | 135.6 |
| 77 | 54.8 | 46.5 | 69.7 |
| 79 | 51.1 | 46.3 | 69.5 |

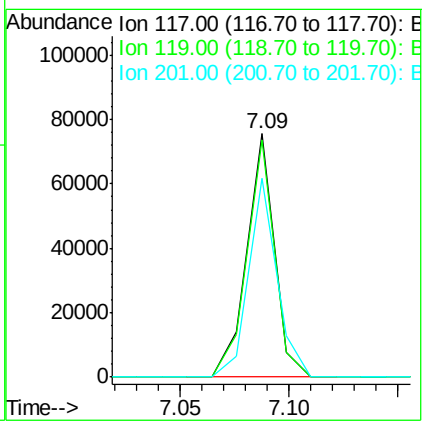


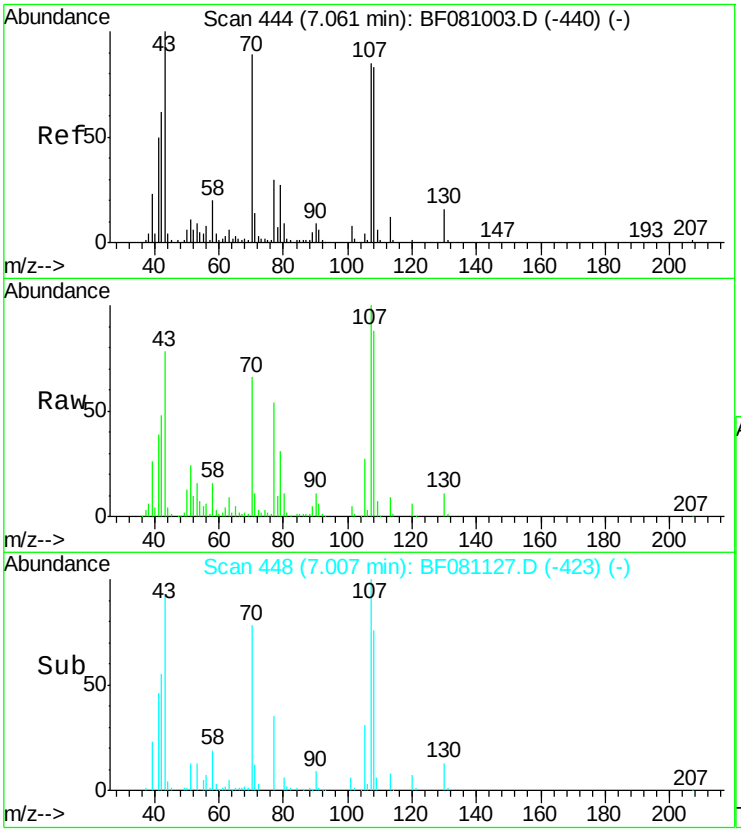




#18
Hexachloroethane
Concen: 29.12 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:117 Resp: 66628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.6 | 77.9 | 116.9 |
| 201 | 81.8 | 61.3 | 91.9 |



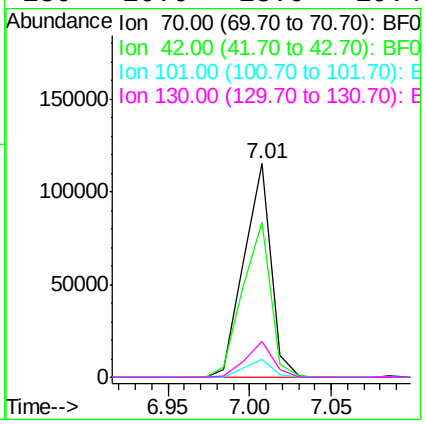


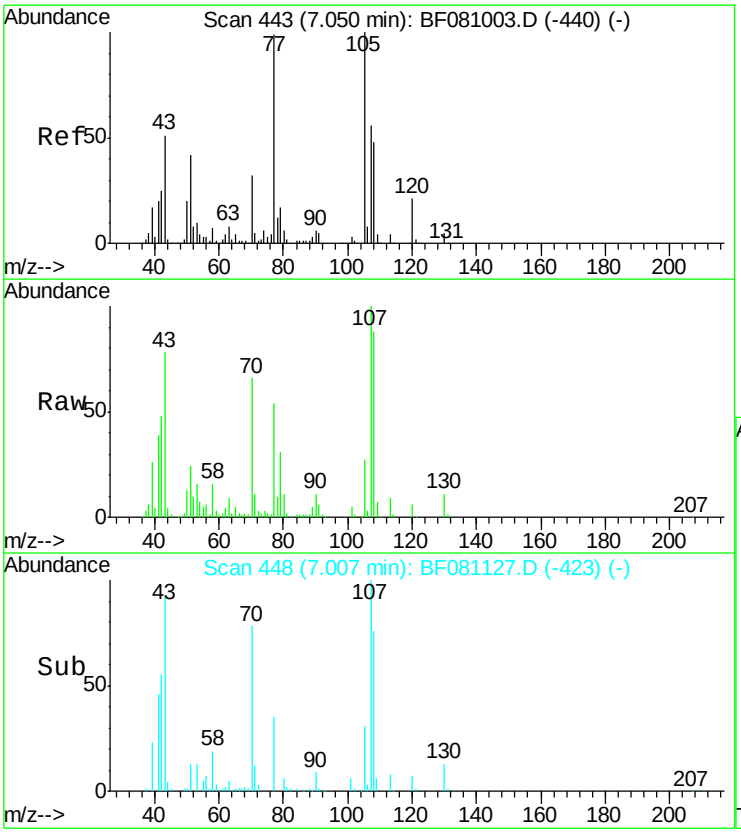

#19
n-Nitroso-di-n-propylamine
Concen: 30.08 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion: 70 Resp: 132165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 72.8 | 65.0 | 97.4 |
| 101 | 8.3 | 7.4 | 11.2 |
| 130 | 16.6 | 13.0 | 19.4 |

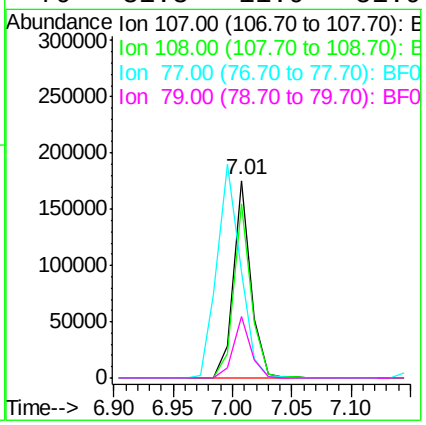


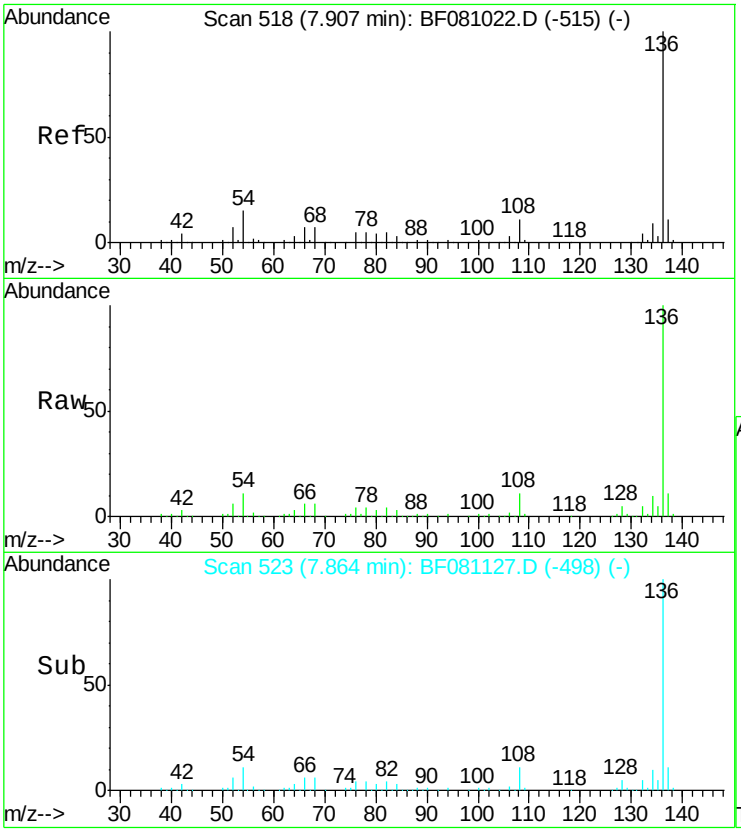




#20
3+4-Methylphenols
Concen: 31.02 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:107 Resp: 179791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.2 | 66.1 | 106.1 |
| 77 | 54.0 | 139.3 | 179.3# |
| 79 | 31.3 | 11.9 | 51.9 |



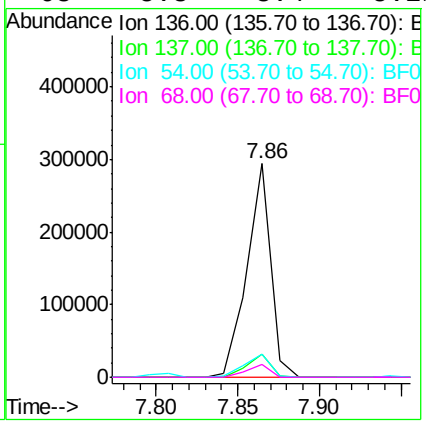


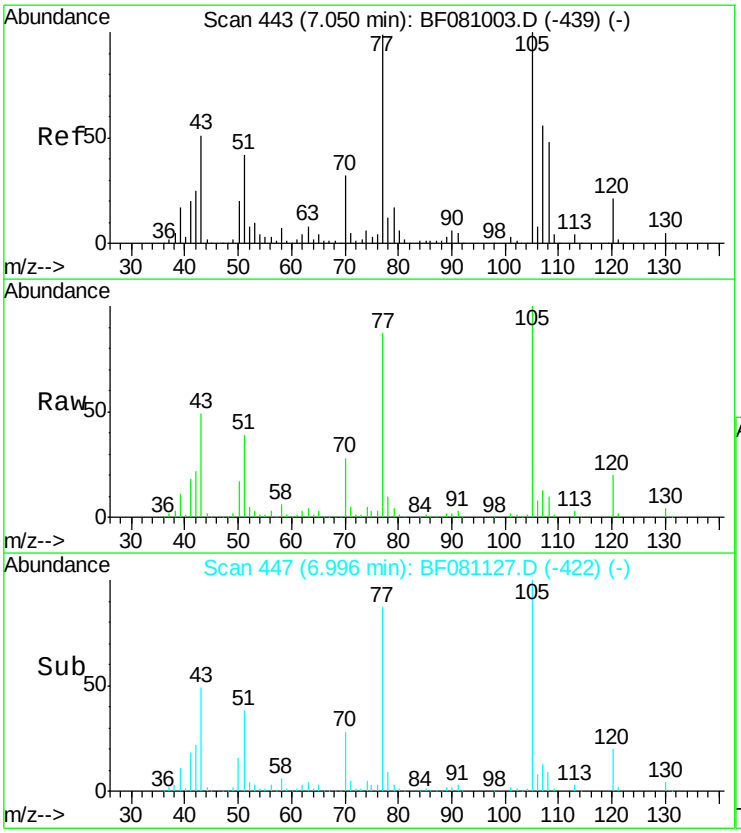

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:136 Resp: 296454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.2 | 12.2 |
| 54 | 11.0 | 7.7 | 11.5 |
| 68 | 5.8 | 3.4 | 5.2# |

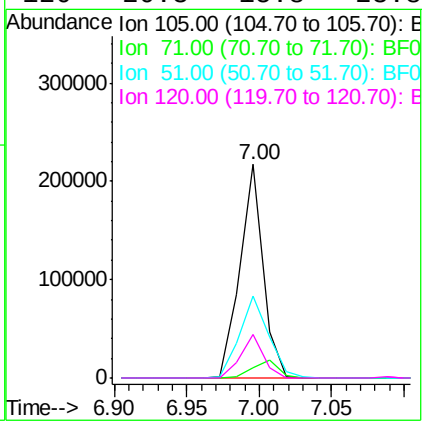


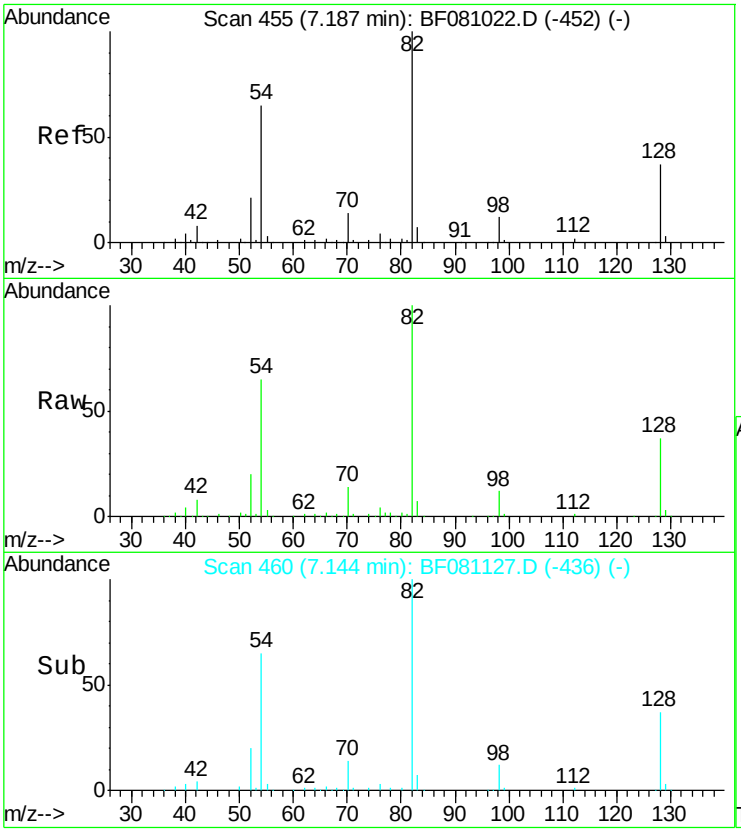




#22
Acetophenone
Concen: 31.18 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:105 Resp: 242706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.5 | 3.0 | 4.6 |
| 51 | 38.6 | 39.8 | 59.8# |
| 120 | 20.3 | 15.8 | 23.8 |



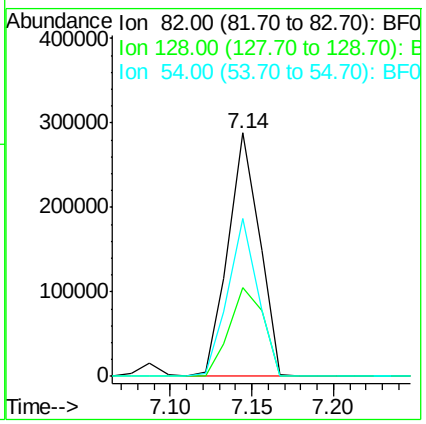


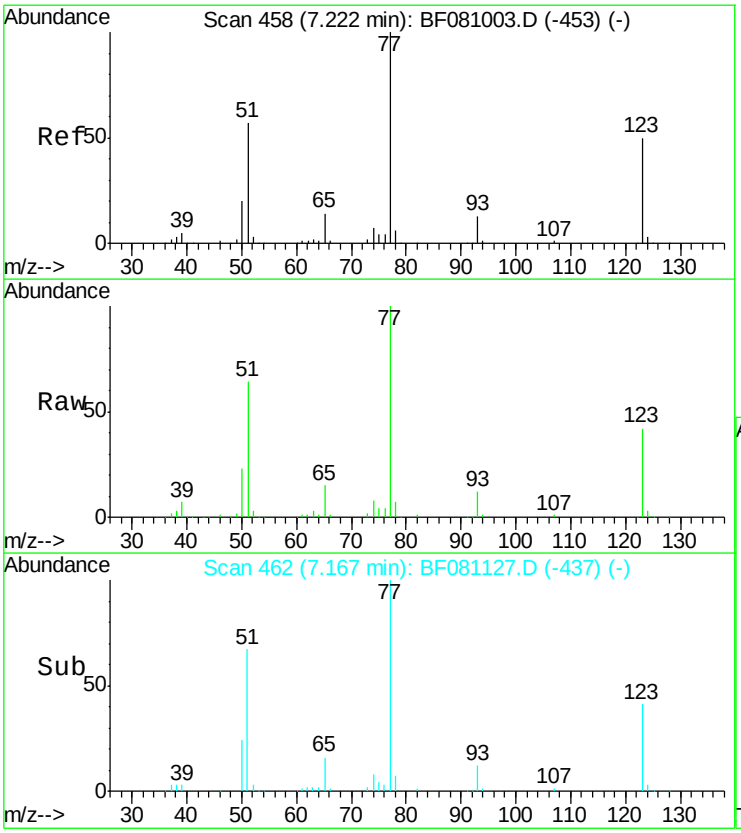

#23
Nitrobenzene-d5
Concen: 58.96 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion: 82 Resp: 382636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.7 | 28.6 | 42.8 |
| 54 | 64.9 | 55.1 | 82.7 |

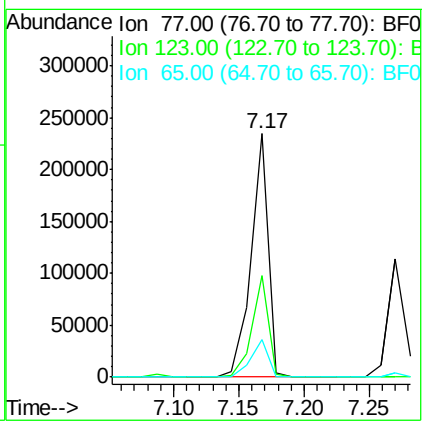


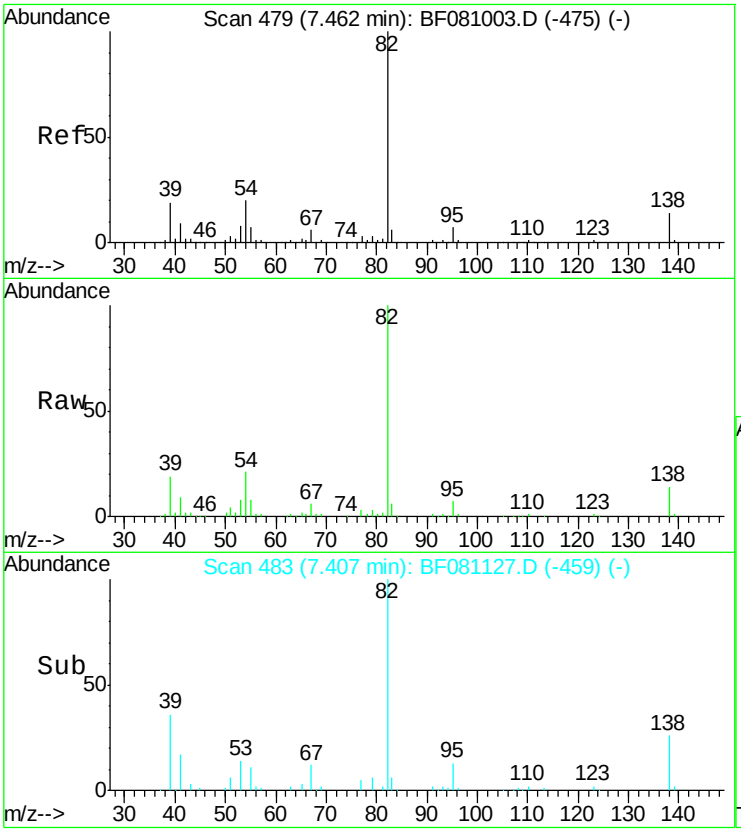




#24
Nitrobenzene
Concen: 31.59 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion: 77 Resp: 214340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.9 | 32.9 | 49.3 |
| 65 | 15.4 | 12.5 | 18.7 |



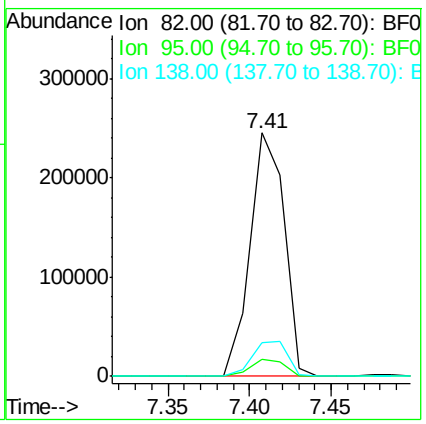


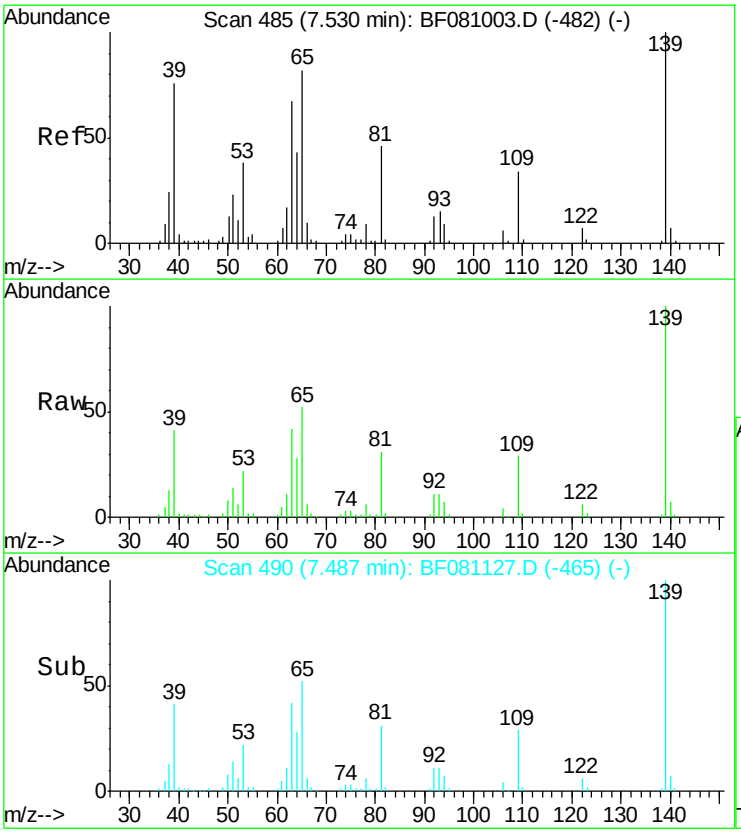

#25
Isophorone
Concen: 29.57 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion: 82 Resp: 357840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 6.2 | 9.2 |
| 138 | 13.9 | 10.5 | 15.7 |

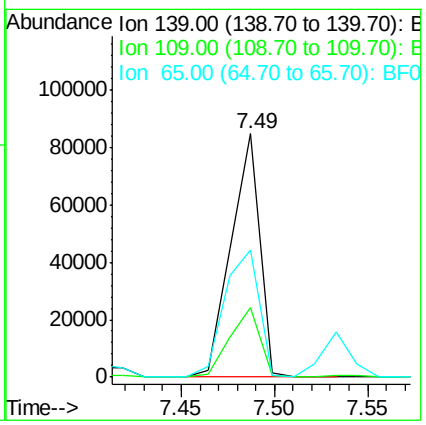


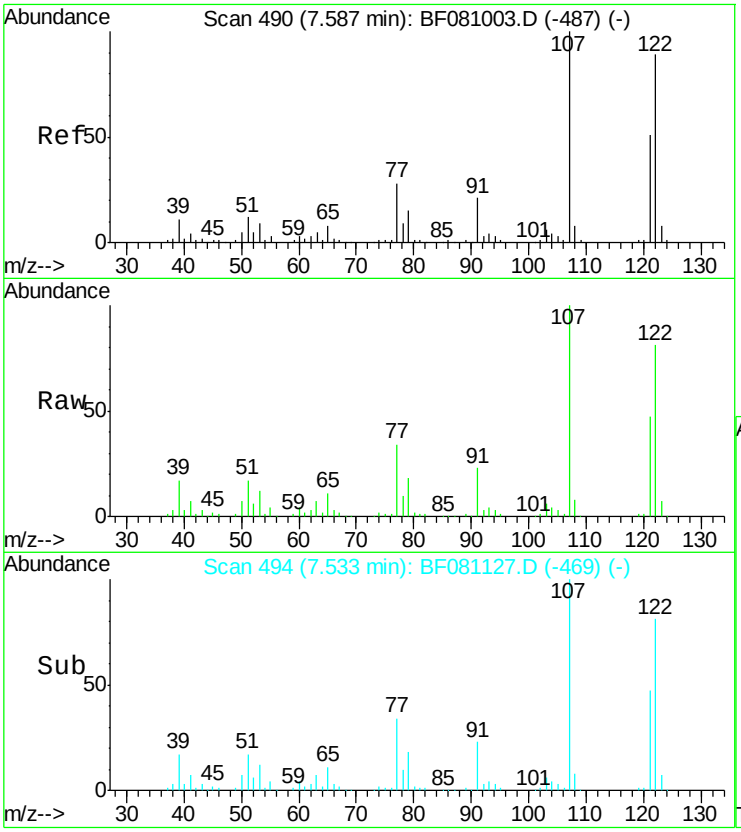




#26
2-Nitrophenol
Concen: 32.60 ng
RT: 7.49 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:139 Resp: 91997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.8 | 32.1 | 48.1# |
| 65 | 52.3 | 69.9 | 104.9# |



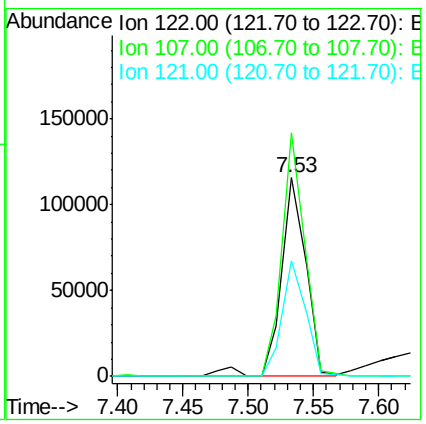


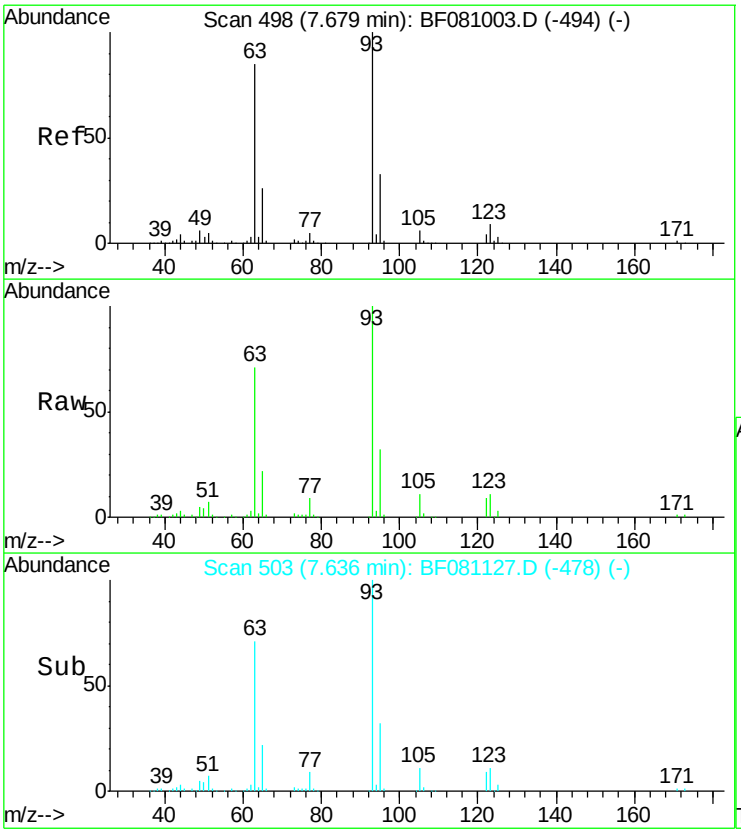

#27
2,4-Dimethylphenol
Concen: 30.38 ng
RT: 7.53 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:122 Resp: 151678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 122.7 | 103.8 | 155.6 |
| 121 | 58.2 | 47.0 | 70.4 |

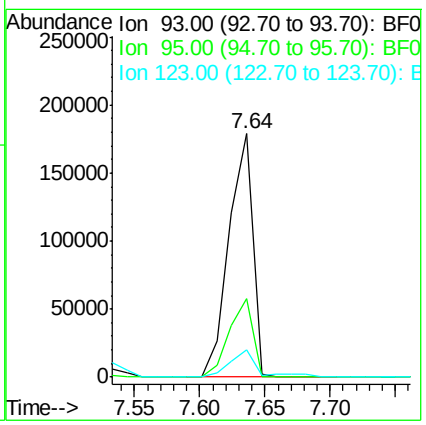


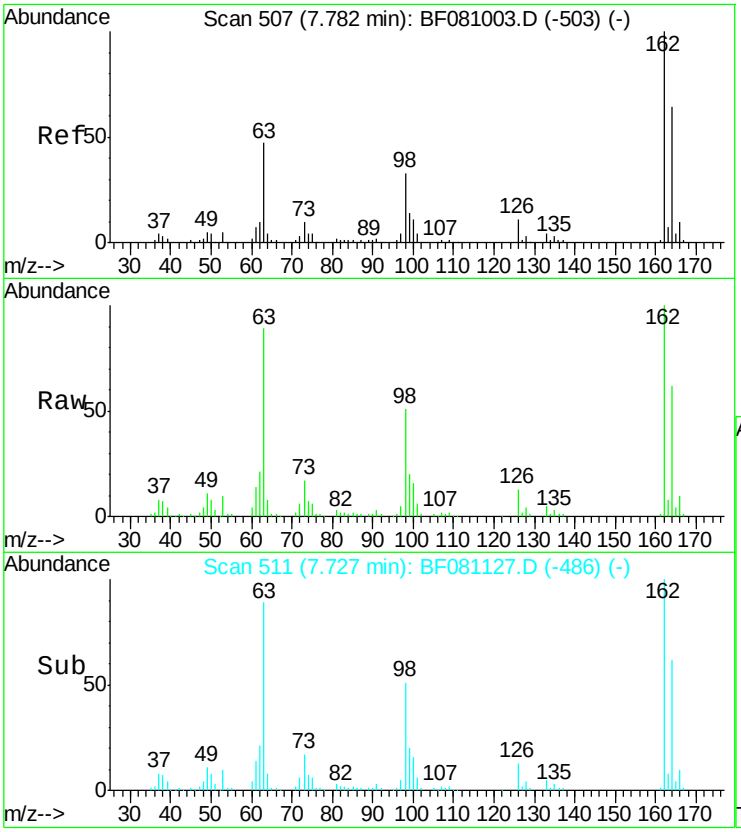




#28
bis(2-Chloroethoxy)methane
Concen: 31.55 ng
RT: 7.64 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion: 93 Resp: 225533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.1 | 25.8 | 38.8 |
| 123 | 11.3 | 7.4 | 11.0# |



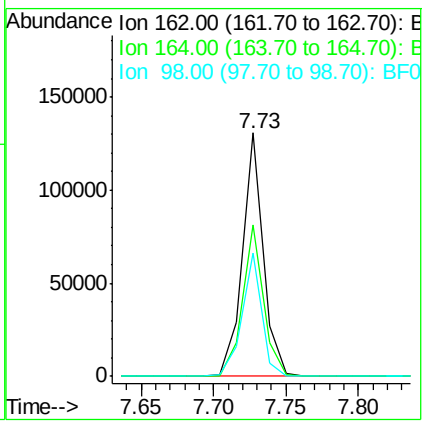


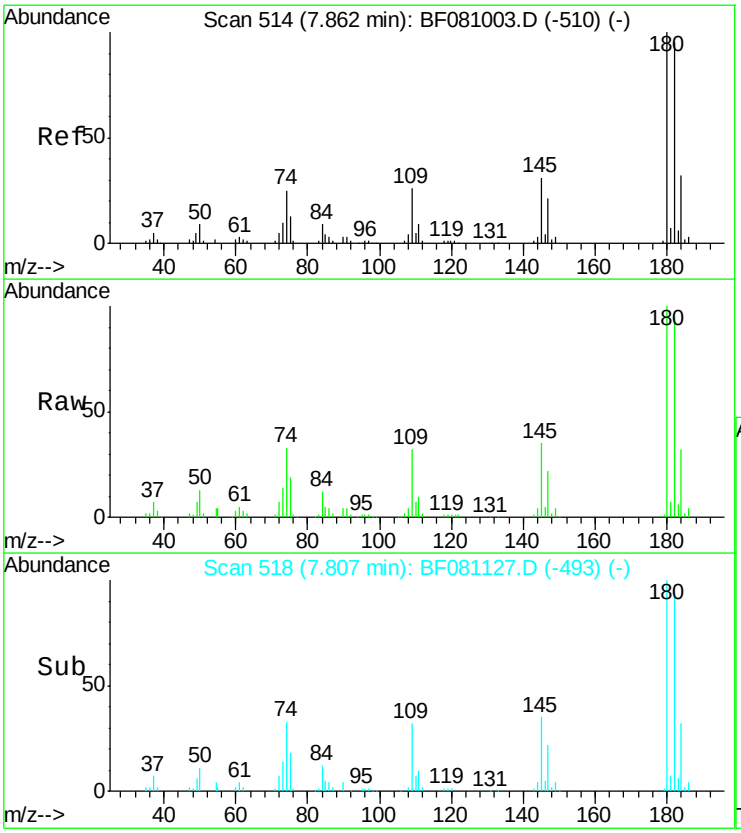

#29
2,4-Dichlorophenol
Concen: 30.95 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:162 Resp: 130098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.3 | 43.2 | 83.2 |
| 98 | 50.8 | 12.3 | 52.3 |

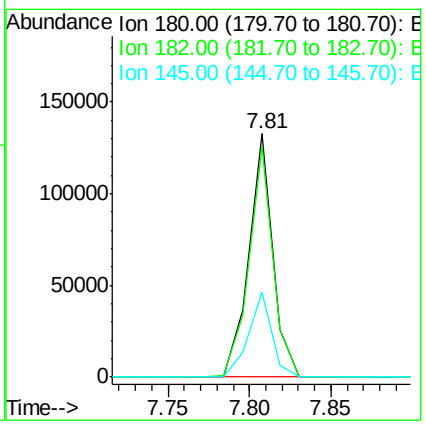


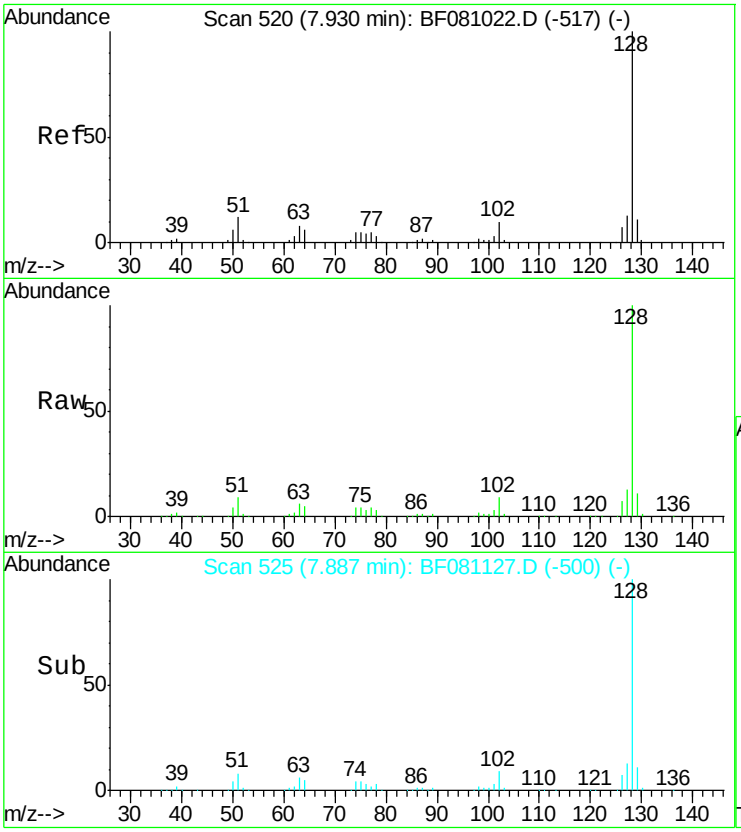




#30
1,2,4-Trichlorobenzene
Concen: 28.81 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:180 Resp: 134554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.0 | 76.4 | 114.6 |
| 145 | 34.8 | 25.4 | 38.2 |



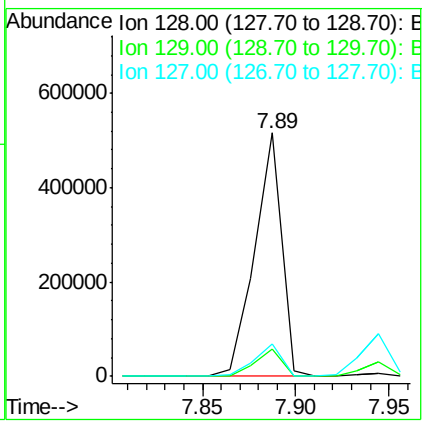


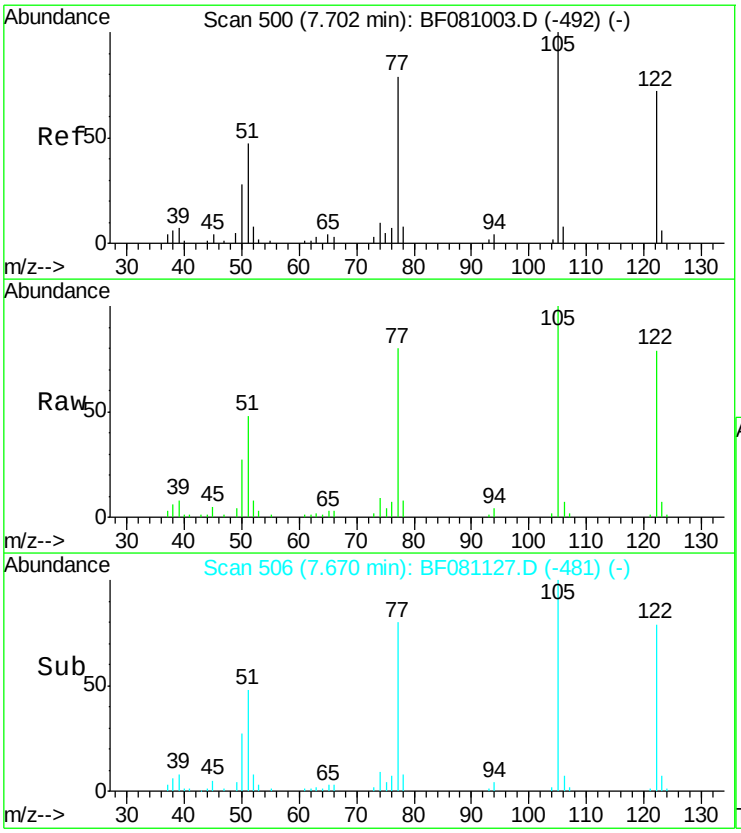

#31
Naphthalene
Concen: 31.16 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:128 Resp: 514856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.4 | 12.6 |
| 127 | 13.3 | 10.6 | 16.0 |

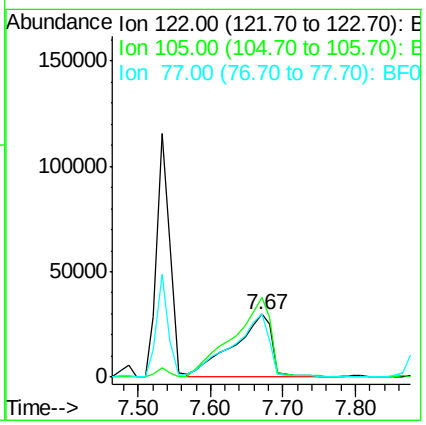


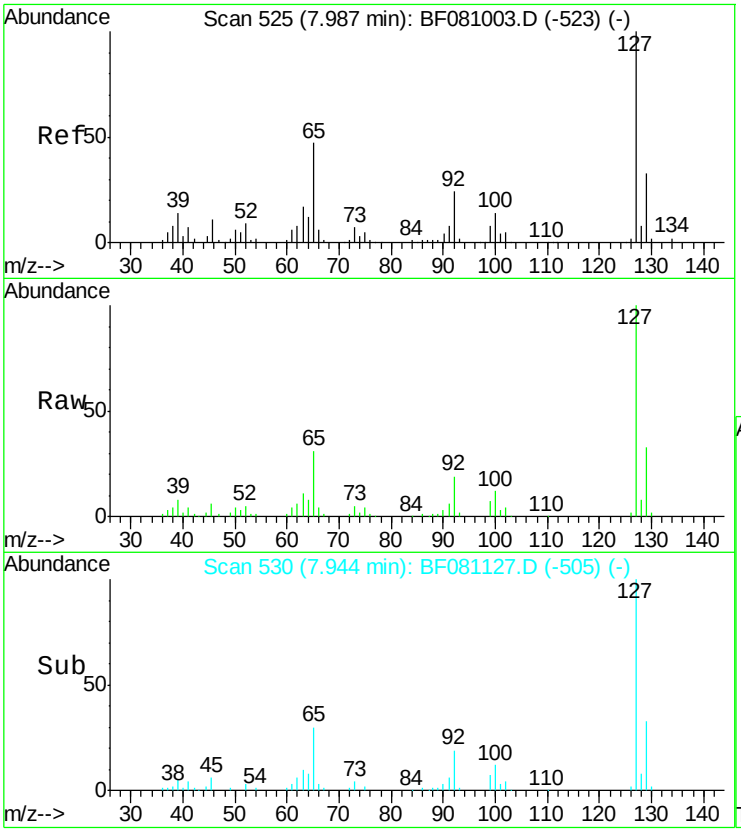




#32
Benzoic acid
Concen: 39.03 ng
RT: 7.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:122 Resp: 109585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.0 | 113.8 | 153.8 |
| 77 | 101.1 | 93.8 | 133.8 |



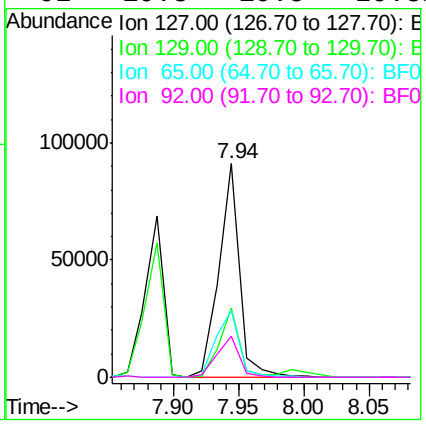


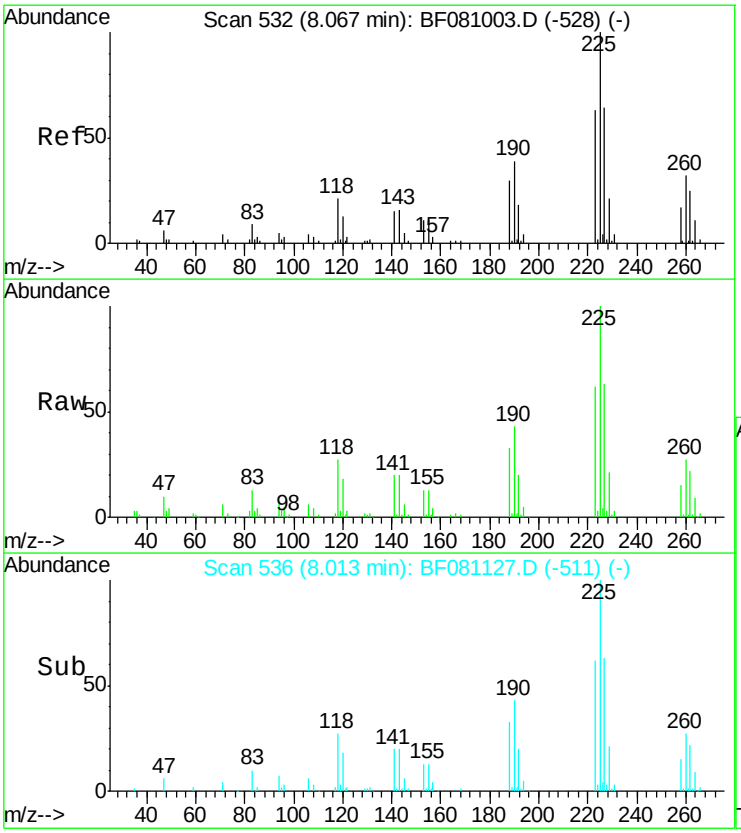

#33
4-Chloroaniline
Concen: 14.49 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:127 Resp: 101011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.7 | 25.2 | 37.8 |
| 65 | 31.4 | 37.8 | 56.6# |
| 92 | 19.3 | 19.5 | 29.3# |

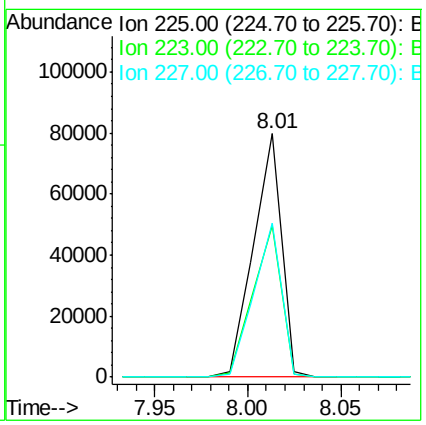


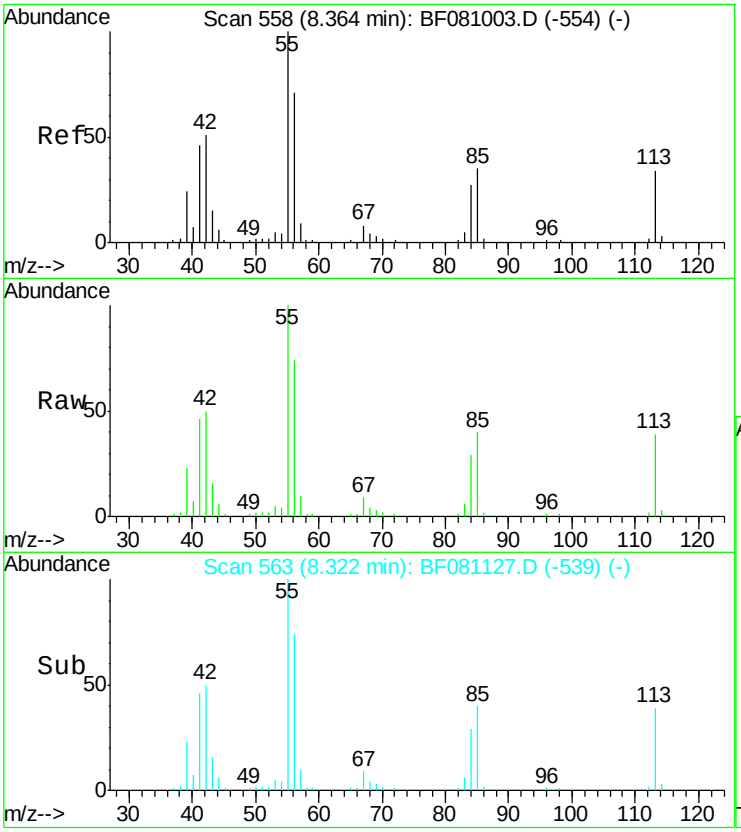




#34
Hexachlorobutadiene
Concen: 31.39 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:225 Resp: 82915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.1 | 52.6 | 79.0 |
| 227 | 63.5 | 51.1 | 76.7 |



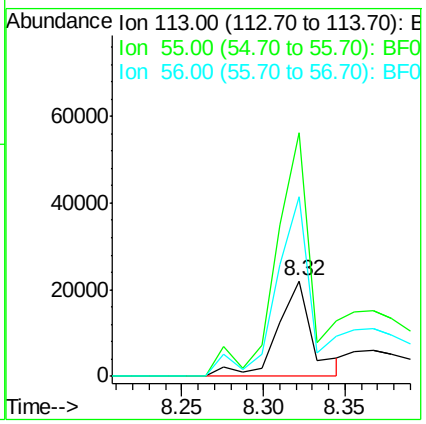


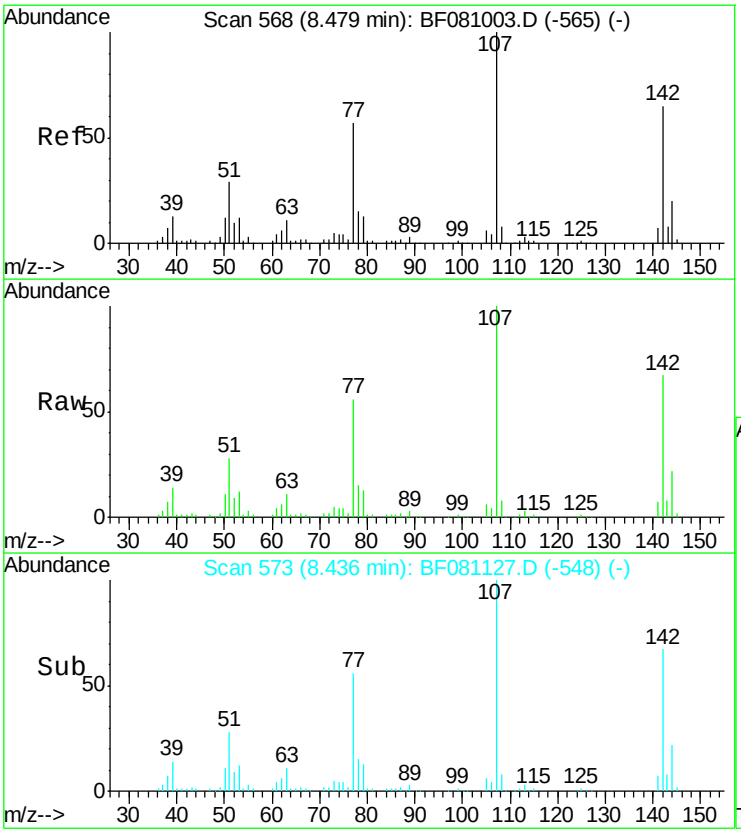

#35
Caprolactam
Concen: 22.13 ng
RT: 8.32 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:113 Resp: 32507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 255.3 | 280.4 | 320.4# |
| 56 | 189.0 | 205.9 | 245.9# |

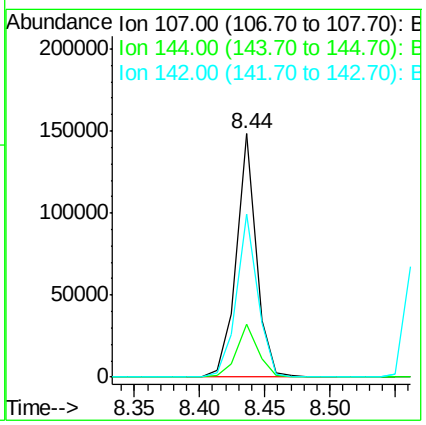


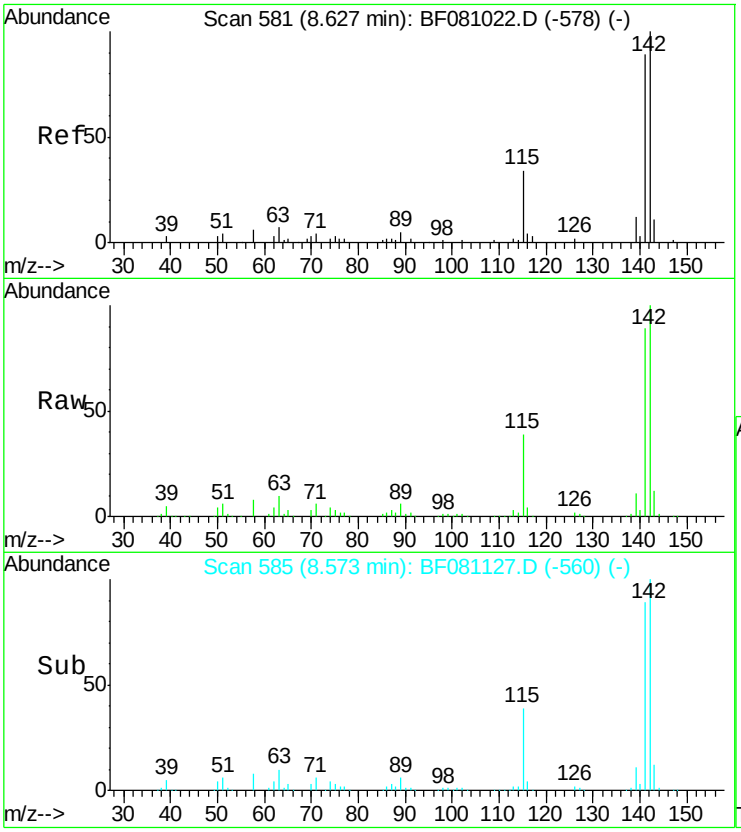




#36
4-Chloro-3-methylphenol
Concen: 31.35 ng
RT: 8.44 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:107 Resp: 157014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 21.7 | 17.2 | 25.8 |
| 142 | 66.9 | 54.9 | 82.3 |



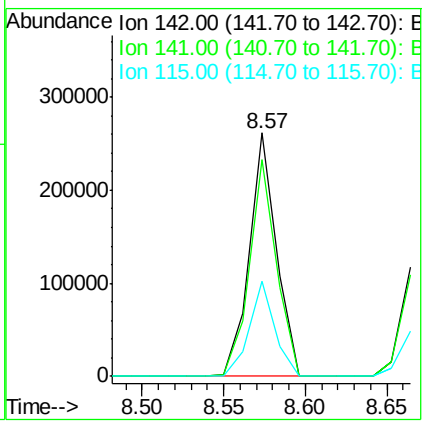


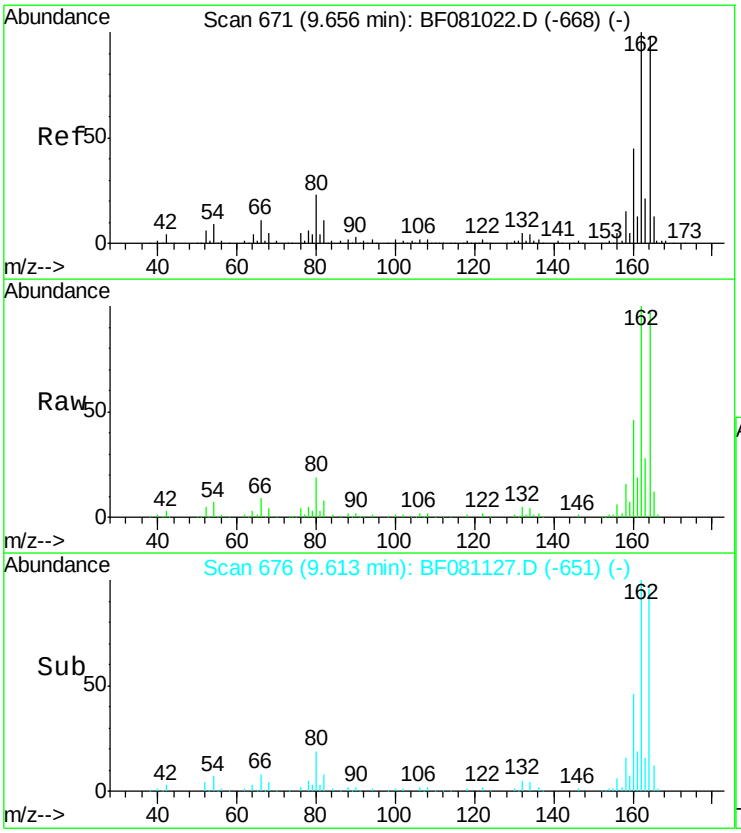

#37
2-Methylnaphthalene
Concen: 28.94 ng
RT: 8.57 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:142 Resp: 302062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.9 | 71.4 | 107.2 |
| 115 | 39.0 | 33.4 | 50.0 |

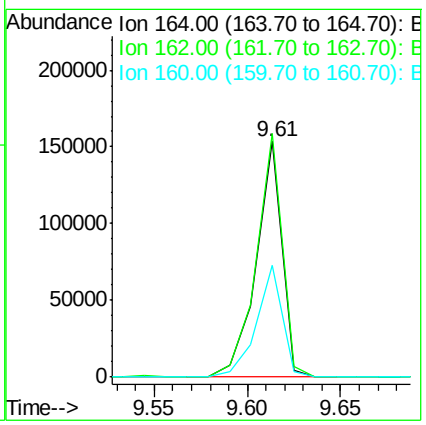


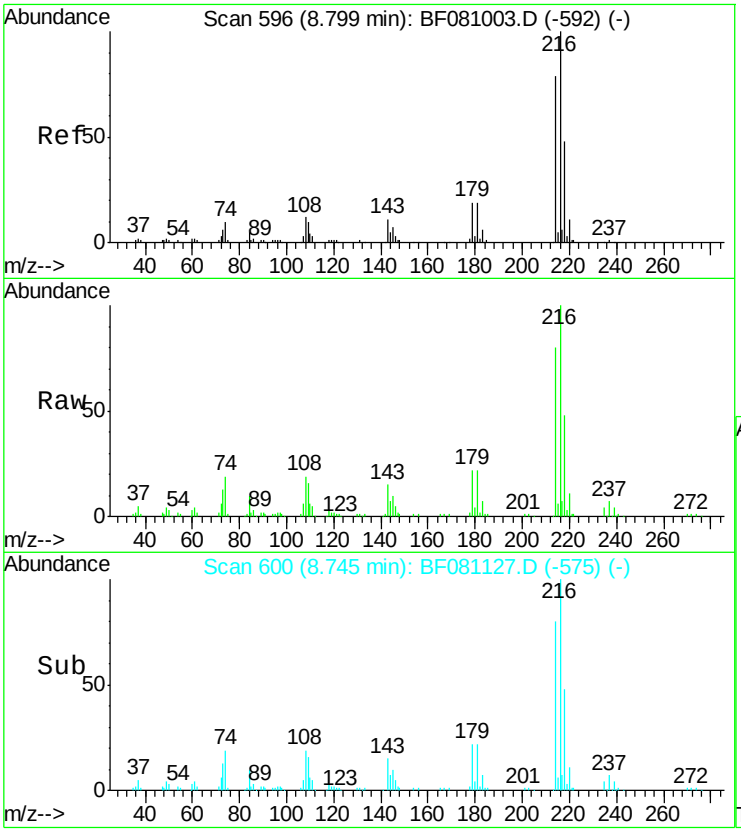




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:164 Resp: 145247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 83.8 | 125.8 |
| 160 | 47.2 | 39.8 | 59.8 |



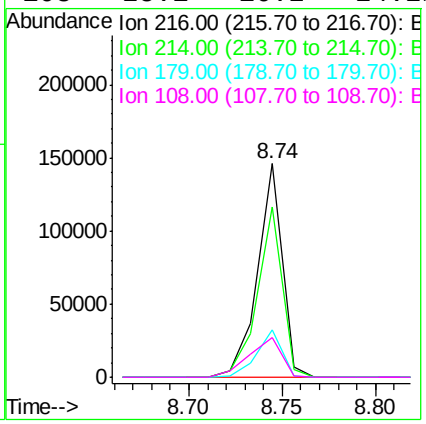


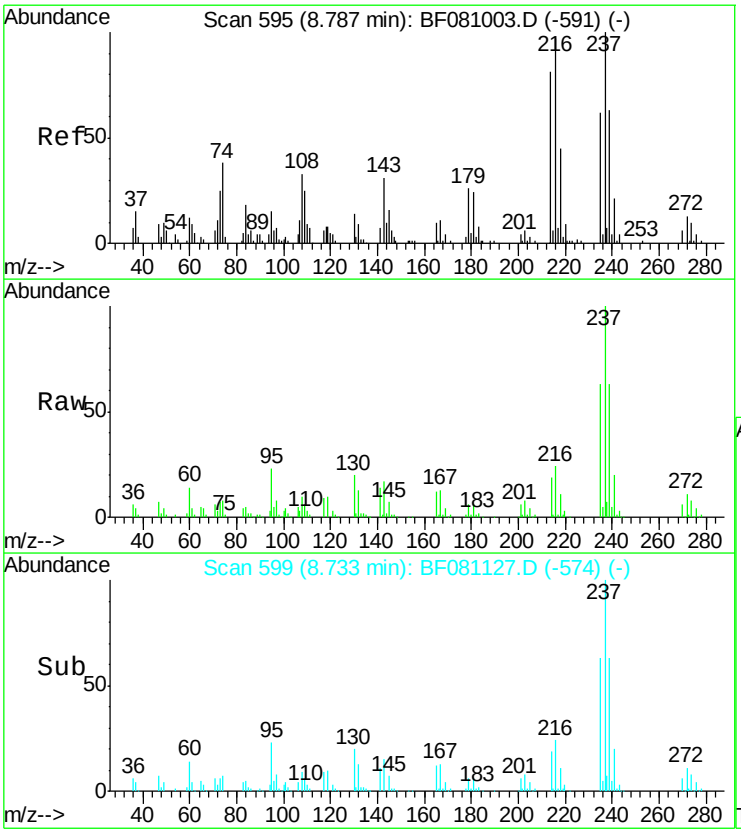

#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.50 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:216 Resp: 133543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.1 | 63.8 | 95.8 |
| 179 | 22.9 | 17.8 | 26.8 |
| 108 | 25.1 | 16.2 | 24.2# |

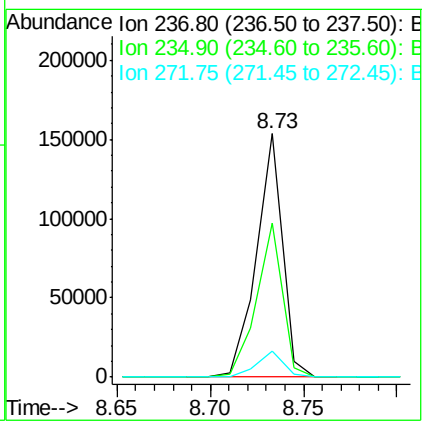


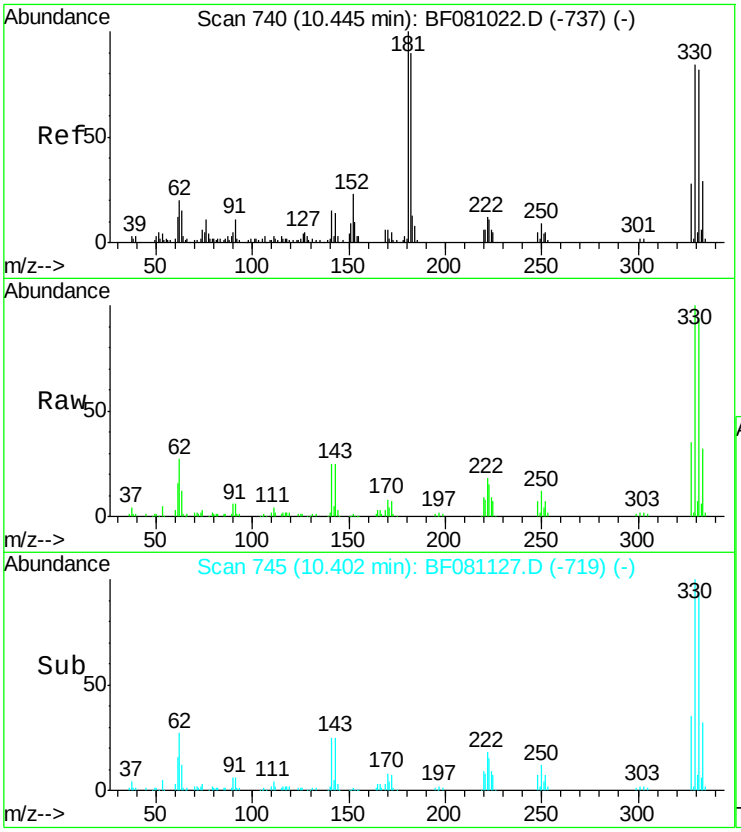




#40
Hexachlorocyclopentadiene
Concen: 60.87 ng
RT: 8.73 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:237 Resp: 147650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.3 | 43.6 | 83.6 |
| 272 | 10.9 | 0.0 | 32.2 |



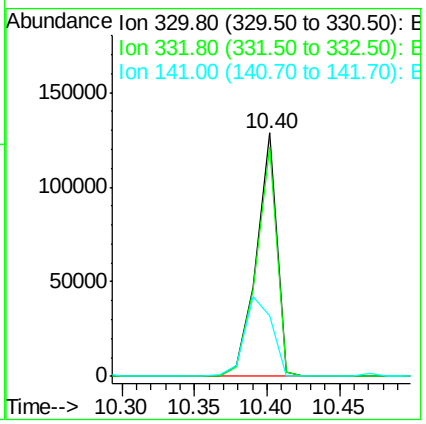


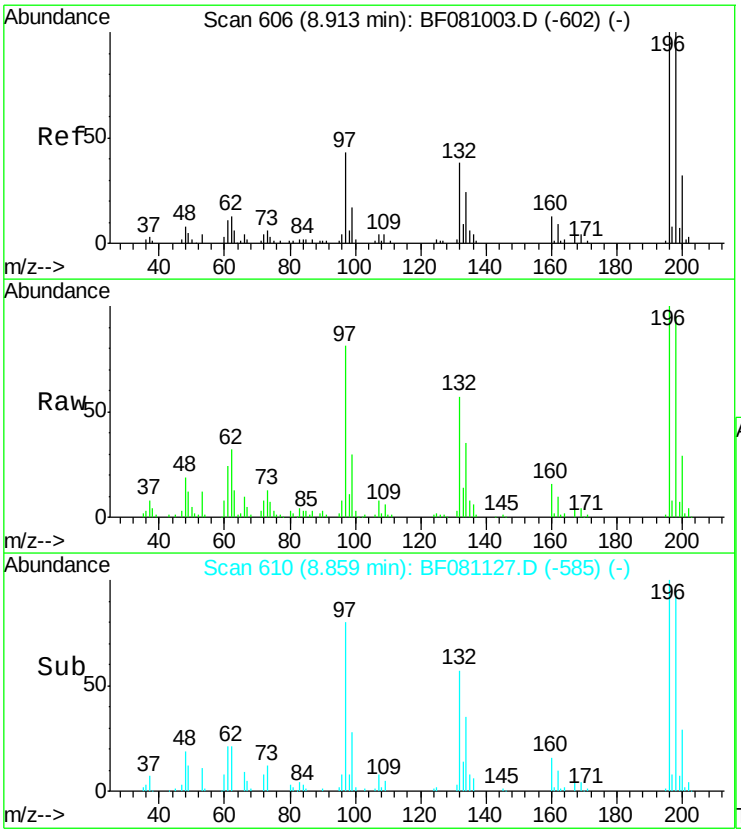

#41
2,4,6-Tribromophenol
Concen: 100.20 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:330 Resp: 126163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.1 | 77.3 | 115.9 |
| 141 | 43.9 | 44.9 | 67.3# |

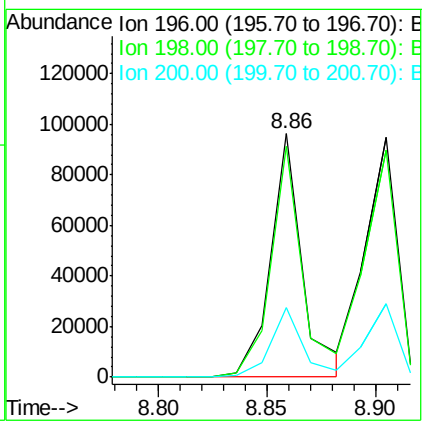


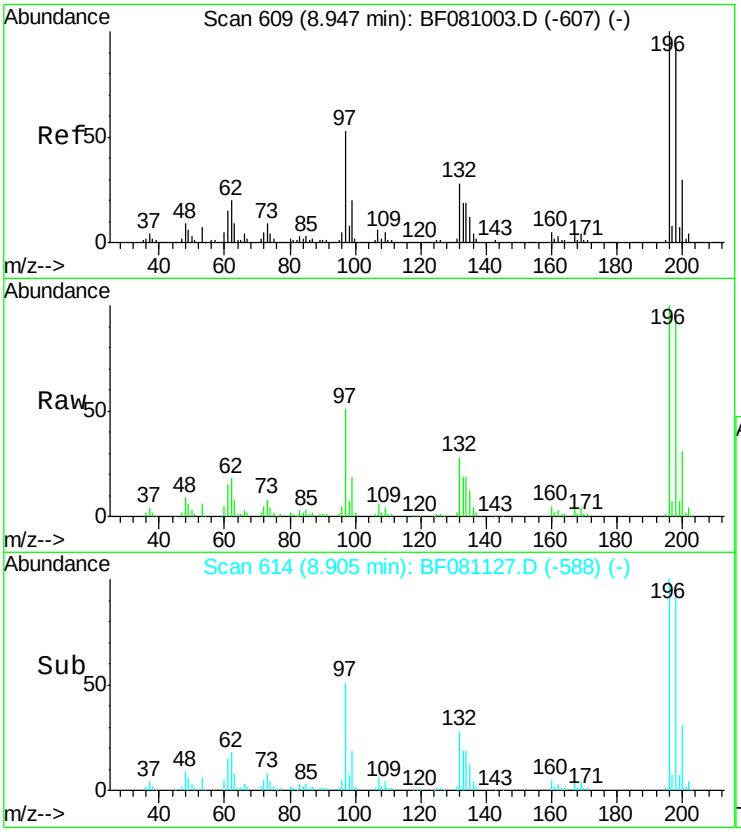




#42
2,4,6-Trichlorophenol
Concen: 29.78 ng
RT: 8.86 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:196 Resp: 98599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 74.6 | 111.8 |
| 200 | 28.6 | 22.7 | 34.1 |



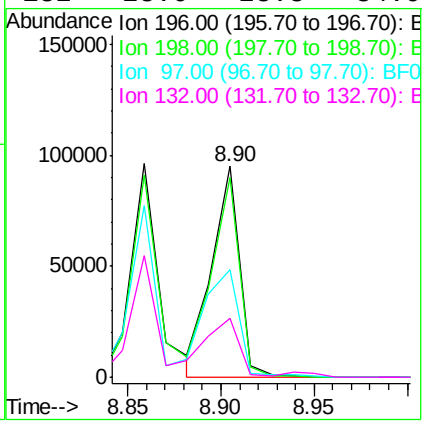


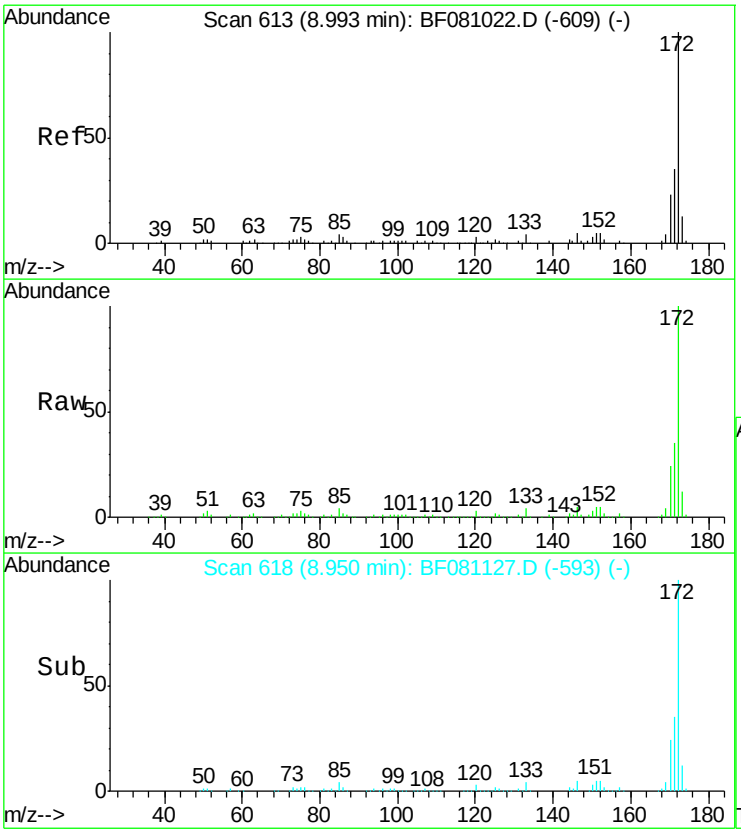

#43
2,4,5-Trichlorophenol
Concen: 29.78 ng
RT: 8.90 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:196 Resp: 98545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.5 | 78.3 | 117.5 |
| 97 | 51.1 | 42.7 | 64.1 |
| 132 | 28.0 | 23.3 | 34.9 |

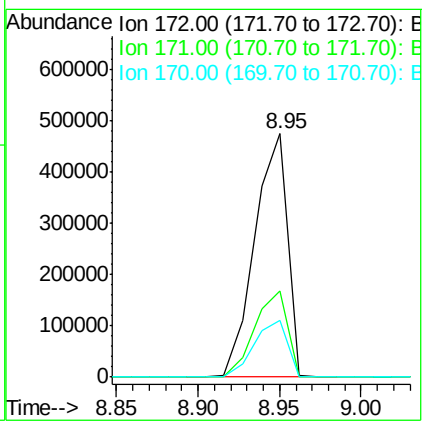


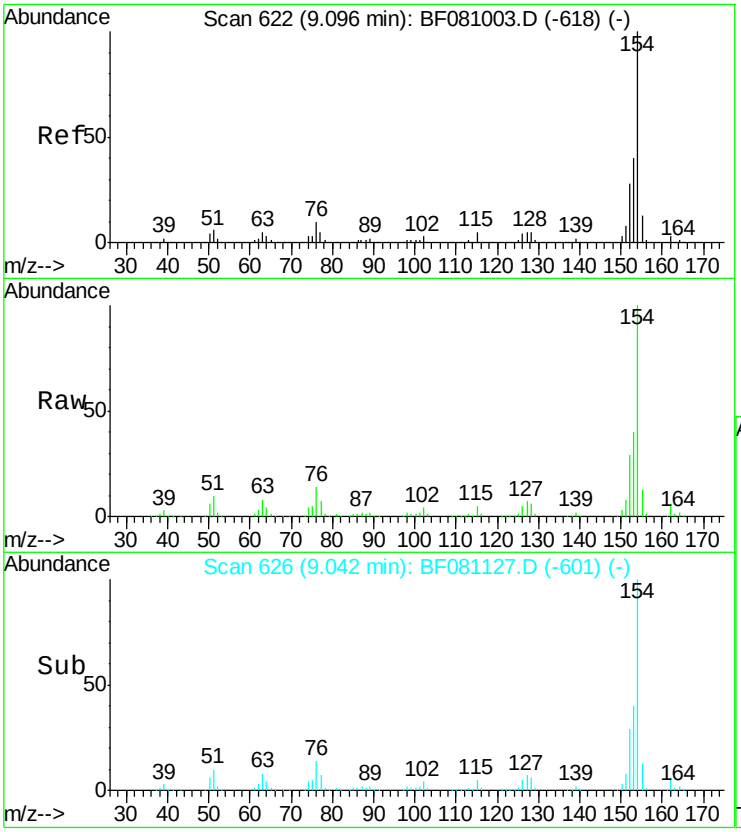




#44
2-Fluorobiphenyl
Concen: 59.66 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:172 Resp: 661344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.9 | 43.3 |
| 170 | 23.6 | 19.4 | 29.2 |



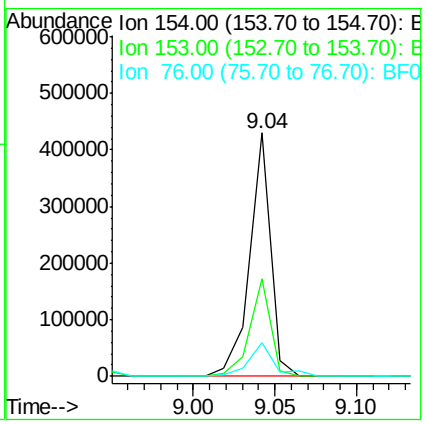


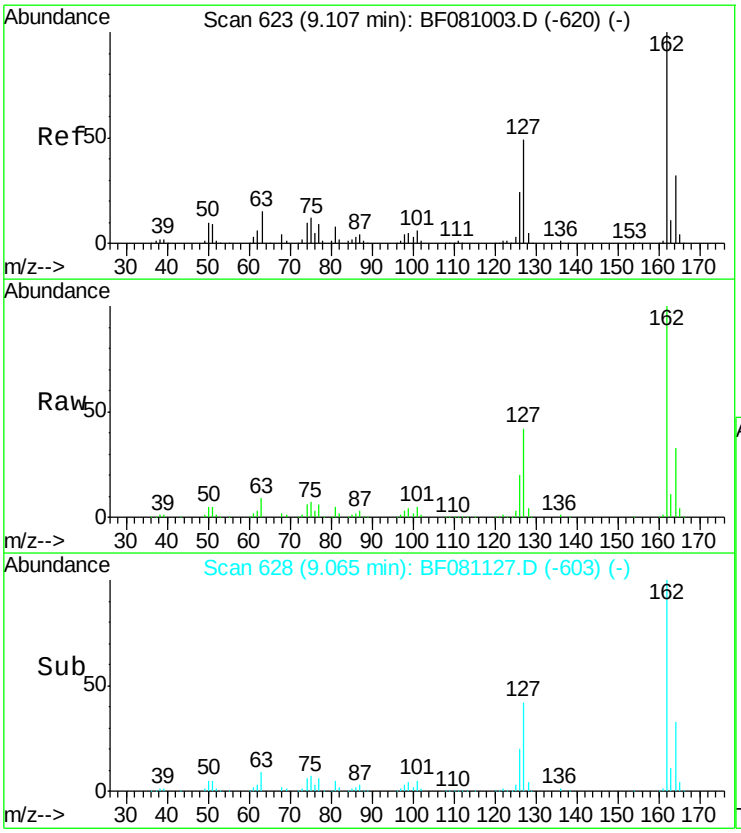

#45
1,1'-Biphenyl
Concen: 29.96 ng
RT: 9.04 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:154 Resp: 383334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 19.5 | 59.5 |
| 76 | 14.0 | 0.0 | 29.3 |

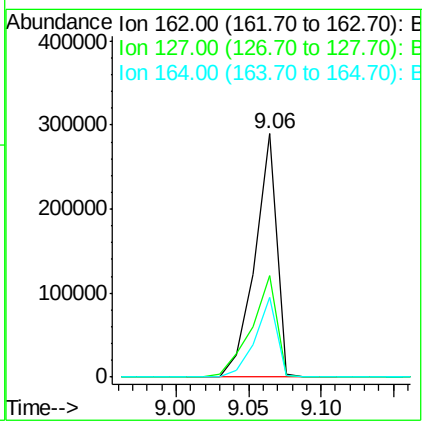


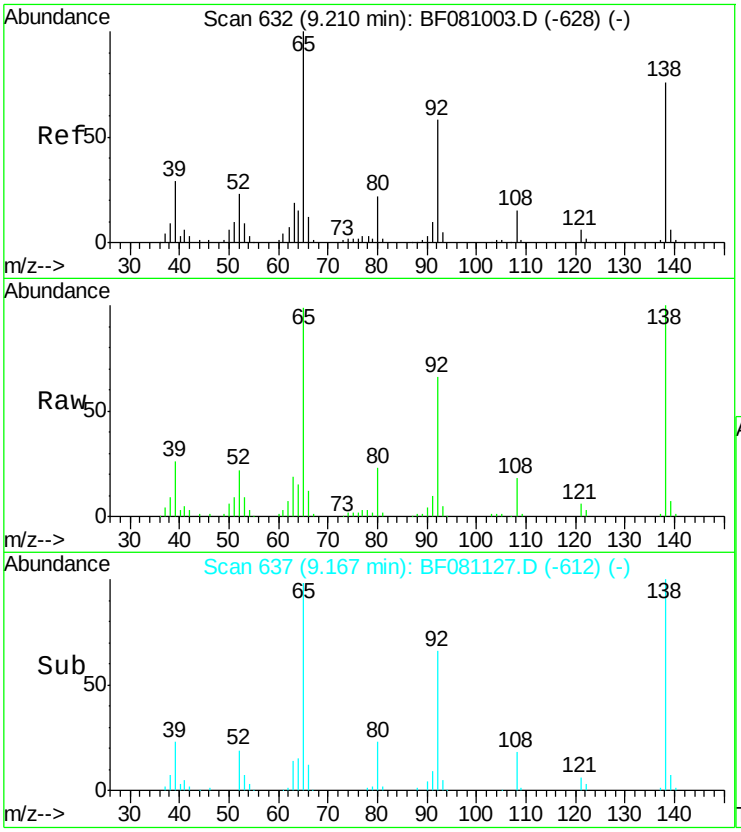




#46
2-Chloronaphthalene
Concen: 29.61 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:162 Resp: 304300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.8 | 31.3 | 46.9 |
| 164 | 32.9 | 26.3 | 39.5 |



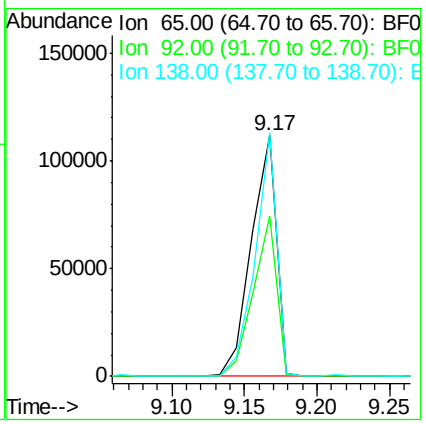


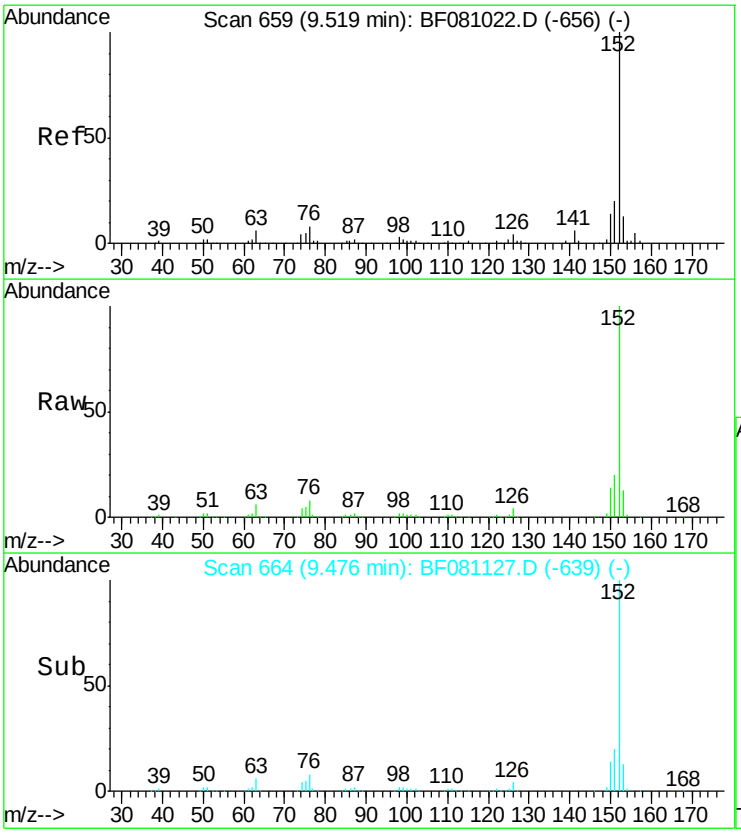

#47
2-Nitroaniline
Concen: 31.95 ng
RT: 9.17 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion: 65 Resp: 134391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.5 | 45.6 | 68.4 |
| 138 | 101.0 | 57.9 | 86.9# |

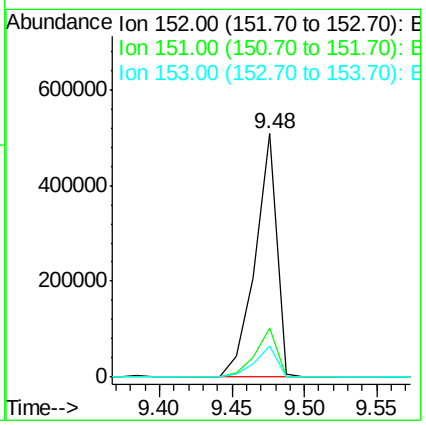


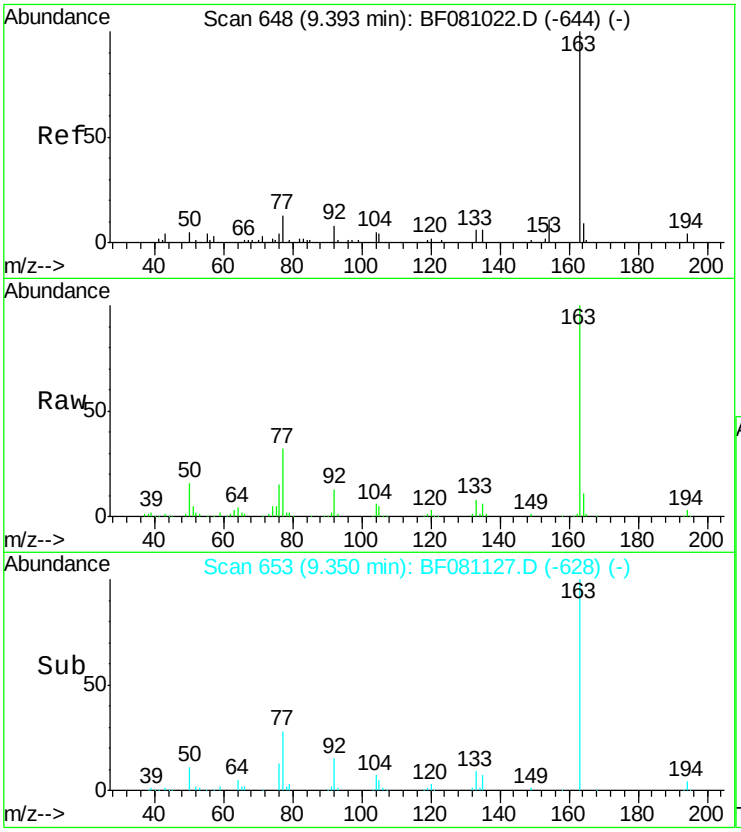




#48
Acenaphthylene
Concen: 28.60 ng
RT: 9.48 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:152 Resp: 525815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 16.1 | 24.1 |
| 153 | 12.8 | 9.8 | 14.6 |



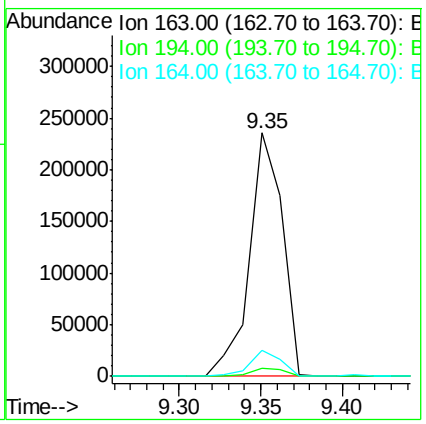


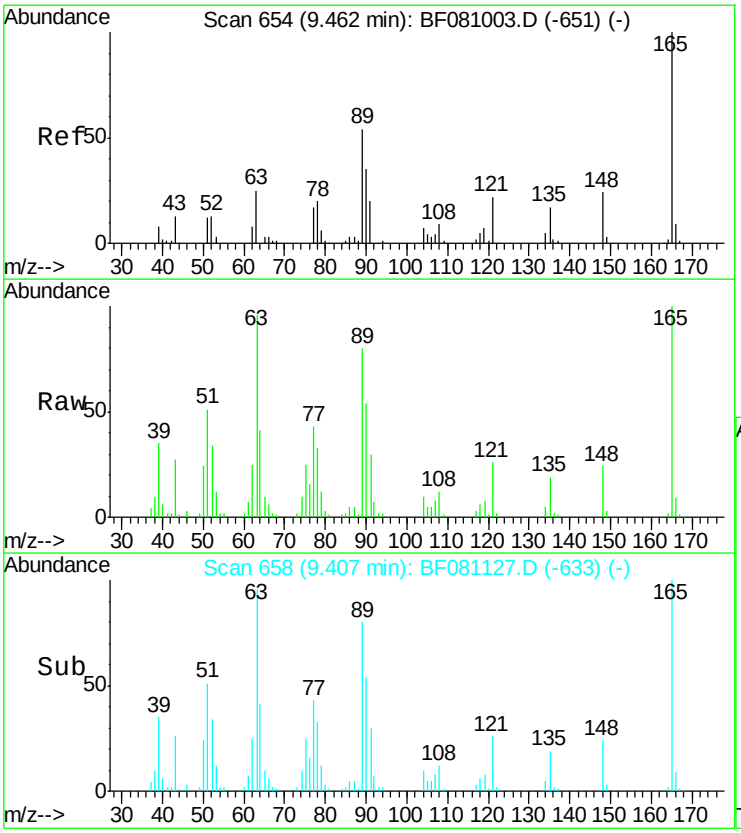

#49
Dimethylphthalate
Concen: 27.65 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:163 Resp: 330754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.1 | 2.5 | 3.7 |
| 164 | 10.6 | 8.1 | 12.1 |

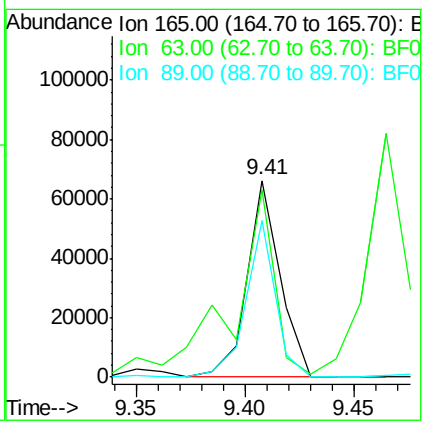


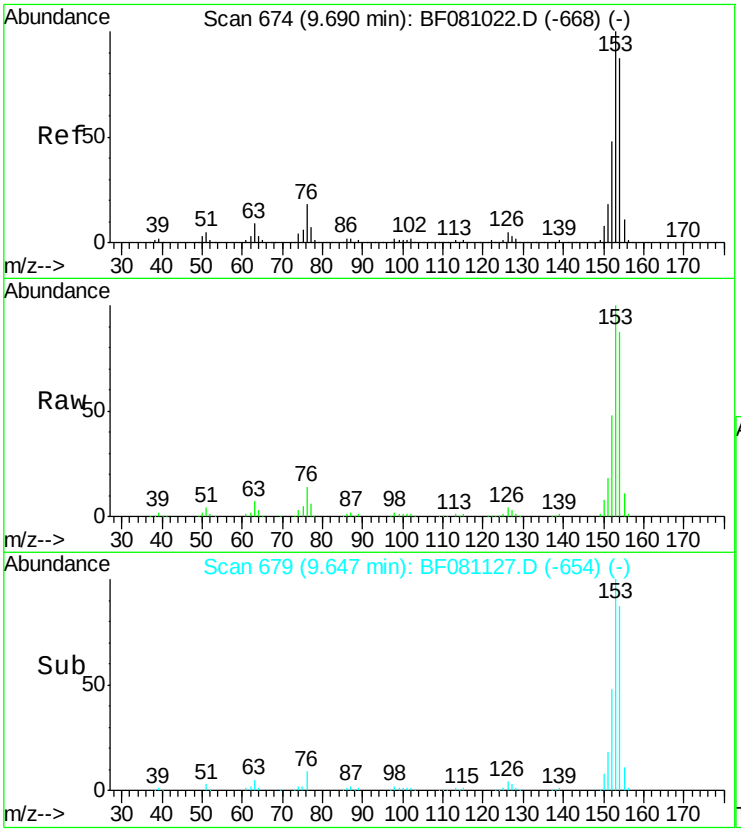




#50
2,6-Dinitrotoluene
Concen: 27.23 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:165 Resp: 69923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 95.7 | 49.5 | 74.3# |
| 89 | 79.7 | 47.6 | 71.4# |



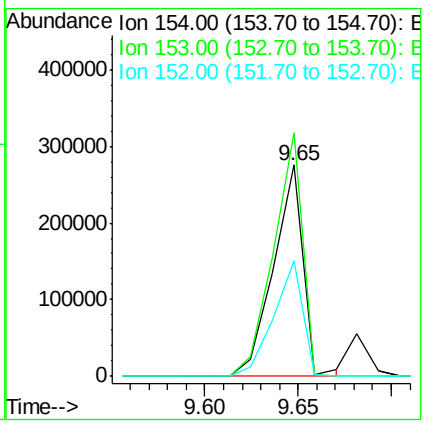


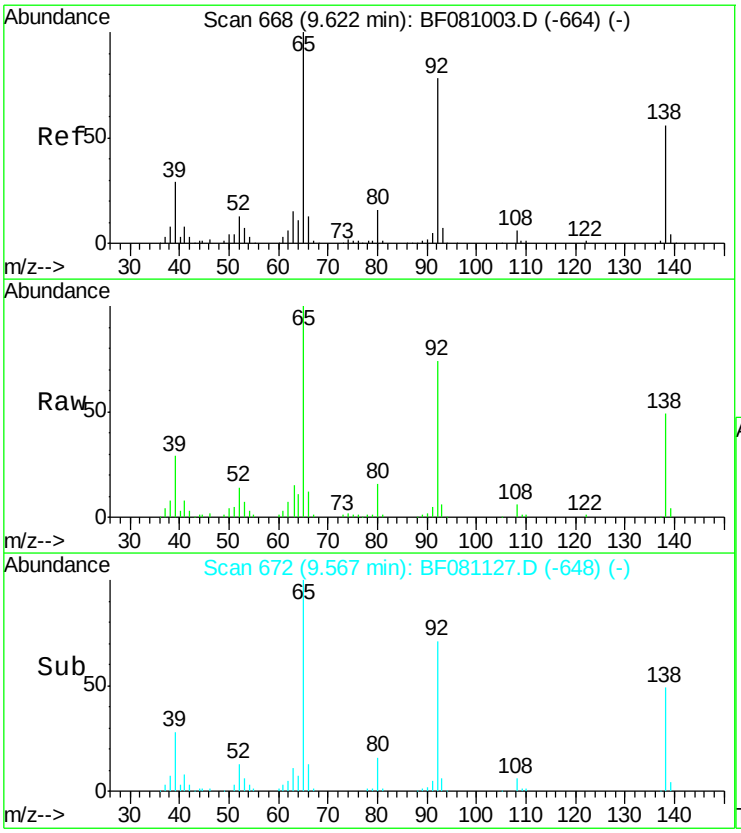

#51
Acenaphthene
Concen: 27.69 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:154 Resp: 304737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.4 | 91.4 | 137.2 |
| 152 | 54.9 | 43.7 | 65.5 |

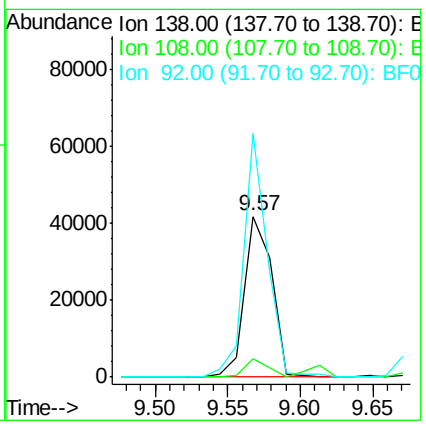


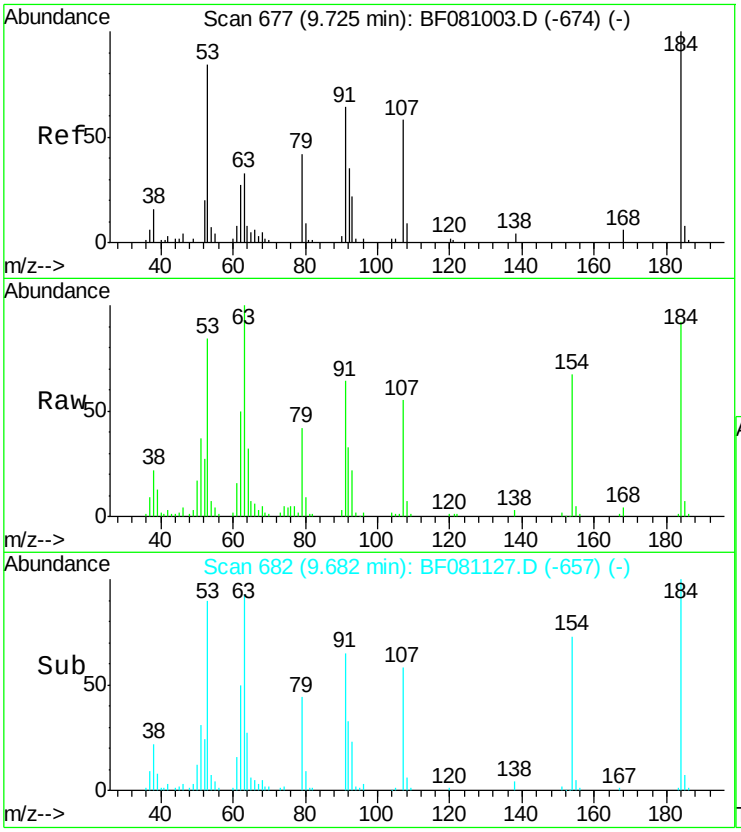




#52
3-Nitroaniline
Concen: 17.05 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:138 Resp: 54802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.3 | 9.4 | 14.2 |
| 92 | 151.6 | 113.2 | 169.8 |



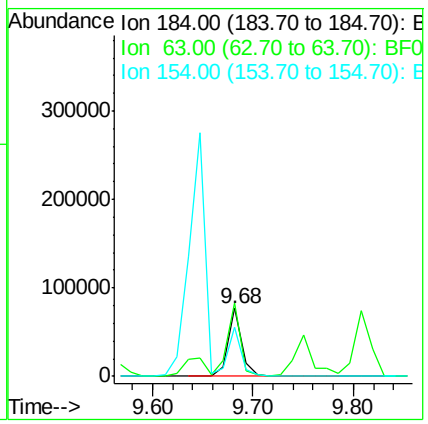


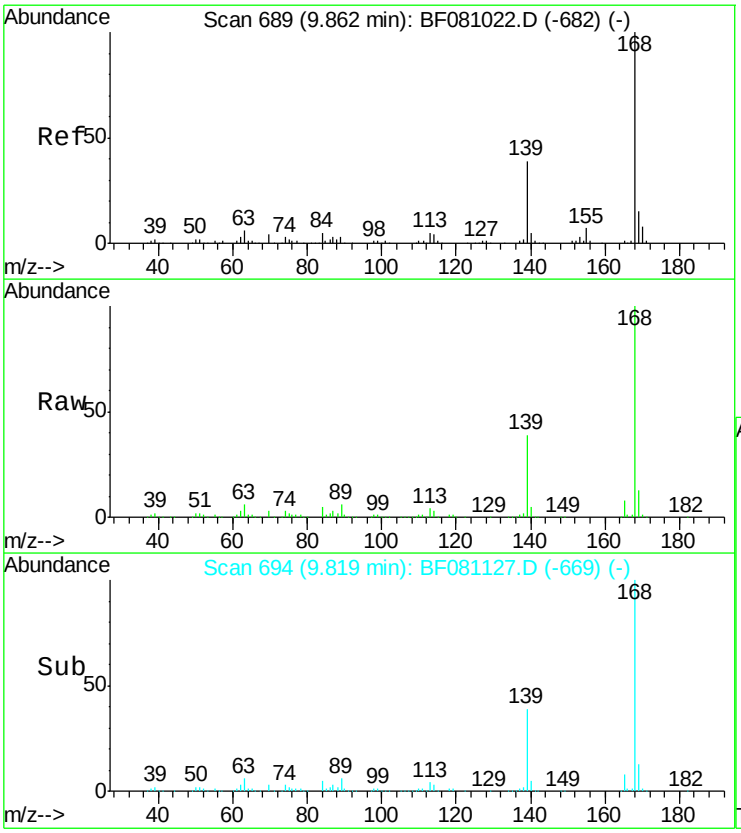

#53
2,4-Dinitrophenol
Concen: 56.38 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:184 Resp: 74962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 109.1 | 101.7 | 152.5 |
| 154 | 73.2 | 67.4 | 101.0 |

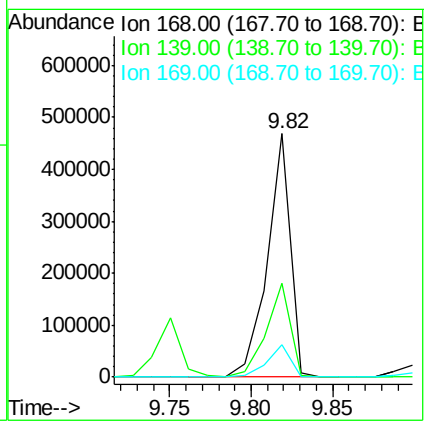


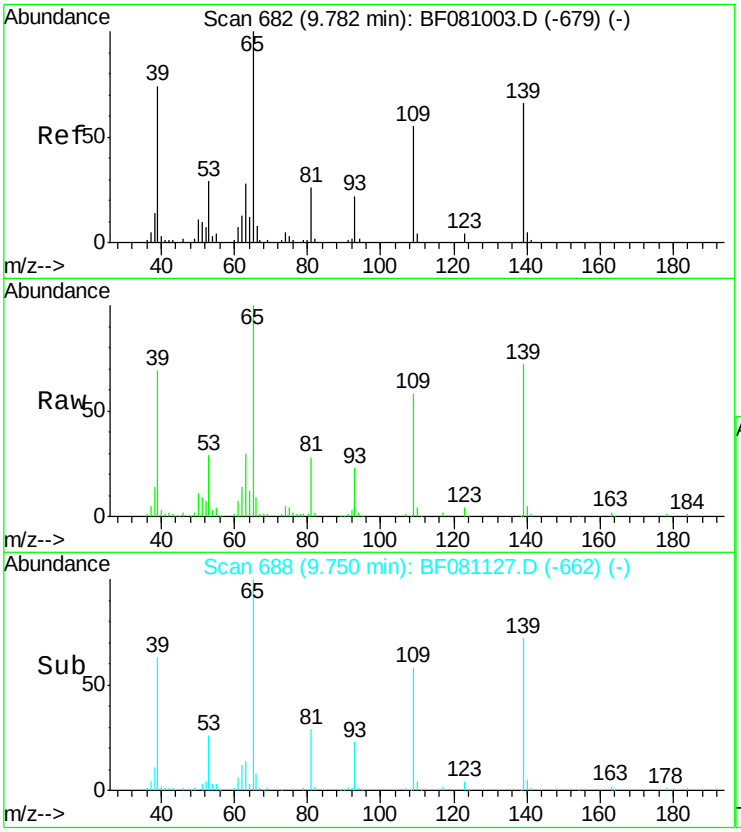




#54
Dibenzofuran
Concen: 31.04 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:168 Resp: 457886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.6 | 29.3 | 43.9 |
| 169 | 13.2 | 10.3 | 15.5 |



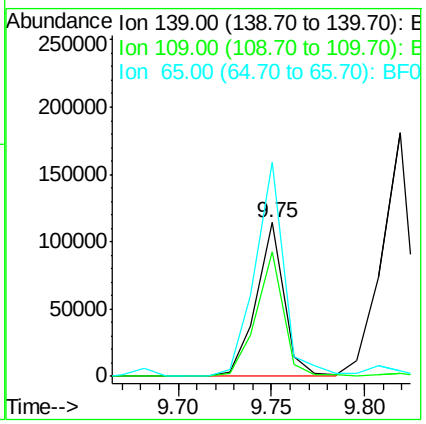


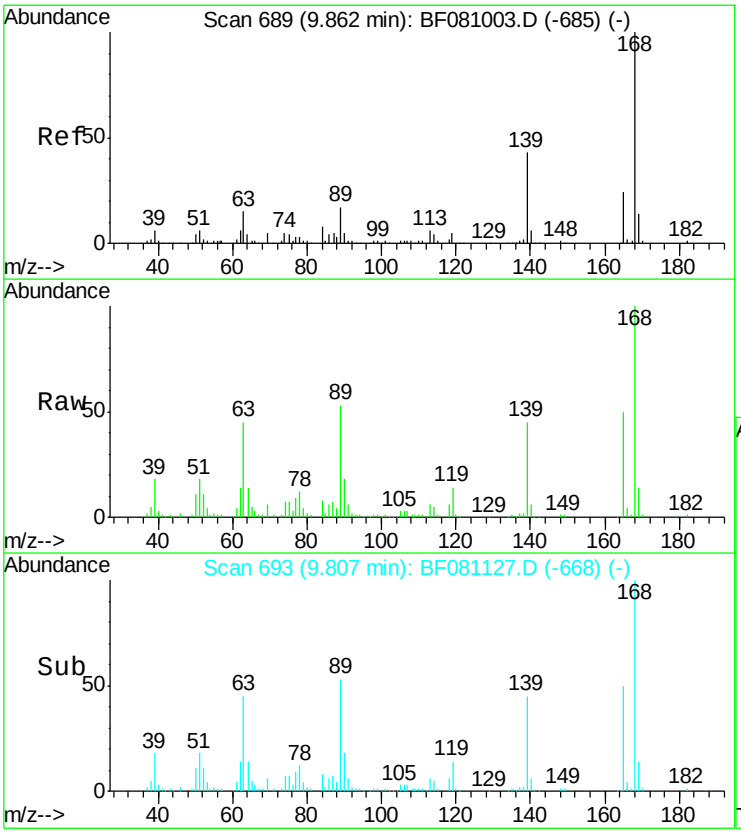

#55
4-Nitrophenol
Concen: 52.49 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:139 Resp: 118493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 80.9 | 80.0 | 120.0 |
| 65 | 139.7 | 138.3 | 178.3 |

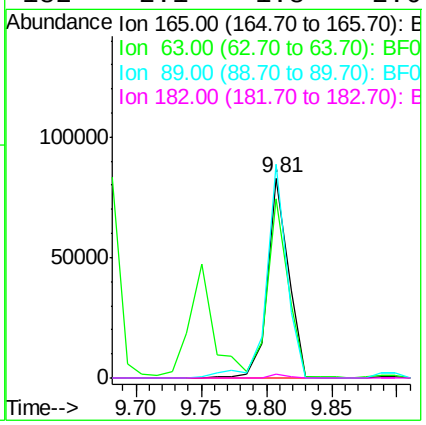


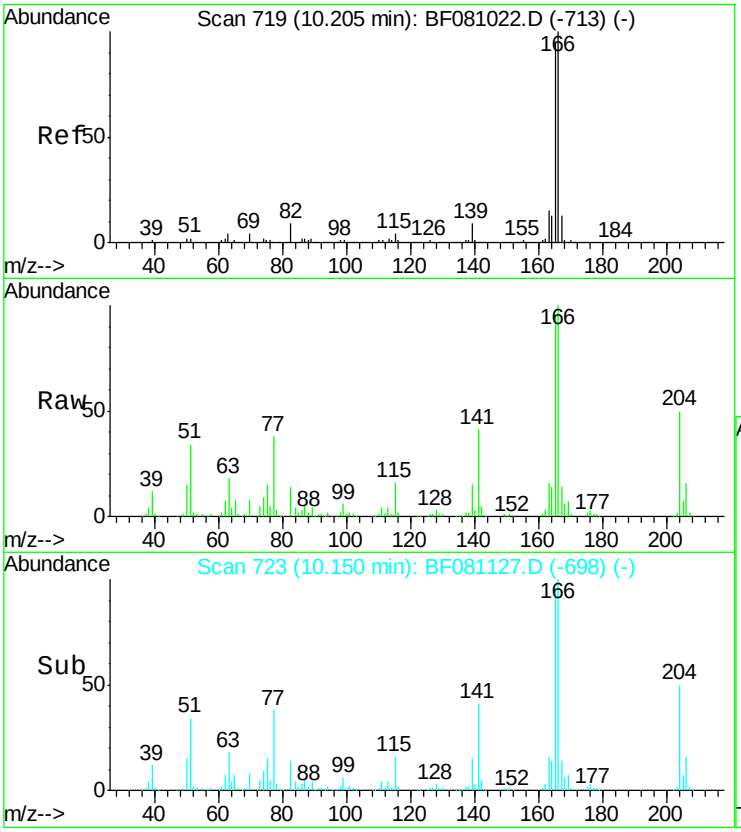




#56
2,4-Dinitrotoluene
Concen: 27.46 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:165 Resp: 93488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 89.5 | 52.2 | 78.4# |
| 89 | 106.8 | 60.1 | 90.1# |
| 182 | 2.1 | 1.8 | 2.6 |



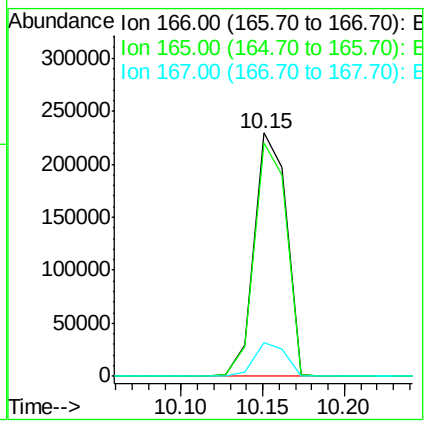


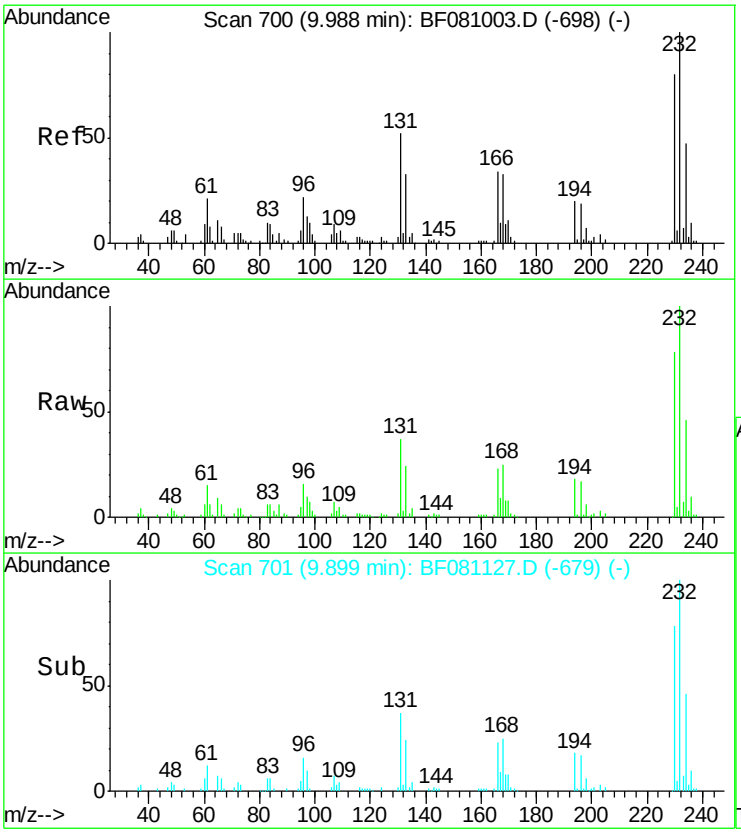

#57
Fluorene
Concen: 27.75 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:166 Resp: 314893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.6 | 75.8 | 113.8 |
| 167 | 14.0 | 11.3 | 16.9 |

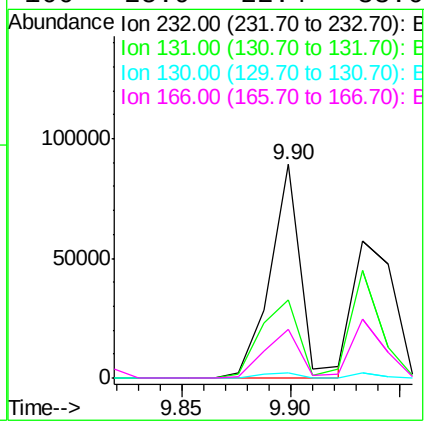


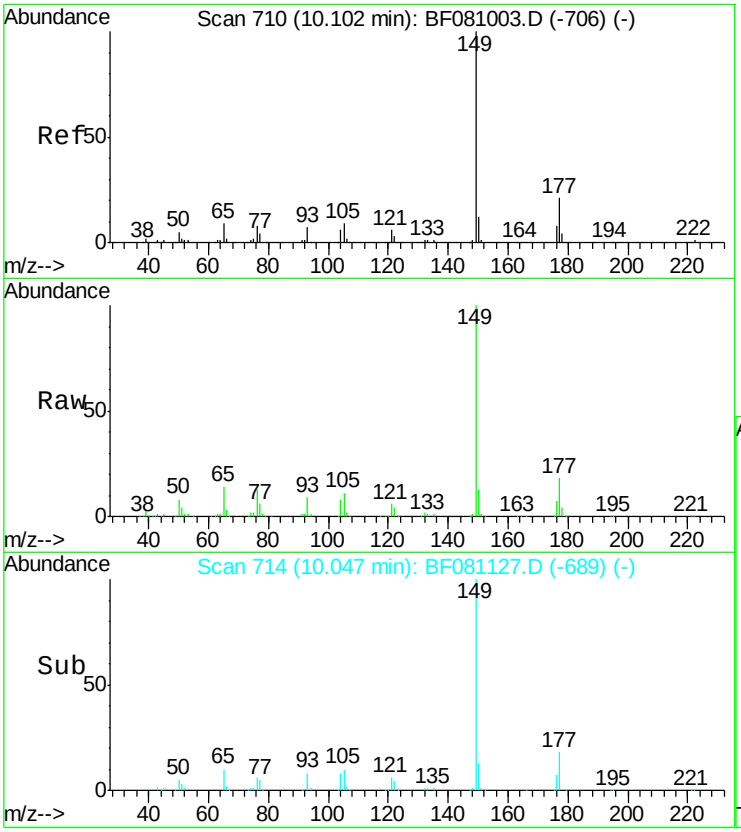




#58
2,3,4,6-Tetrachlorophenol
Concen: 34.32 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:232 Resp: 87885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 45.3 | 42.2 | 63.4 |
| 130 | 2.7 | 2.1 | 3.1 |
| 166 | 25.9 | 22.4 | 33.6 |



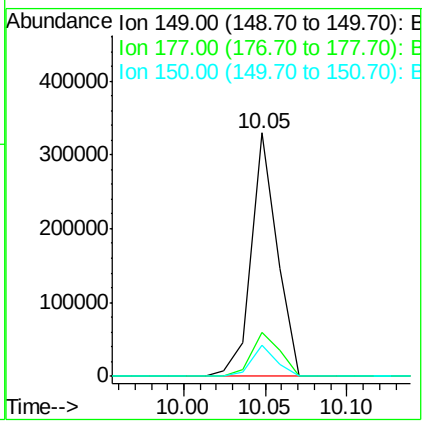


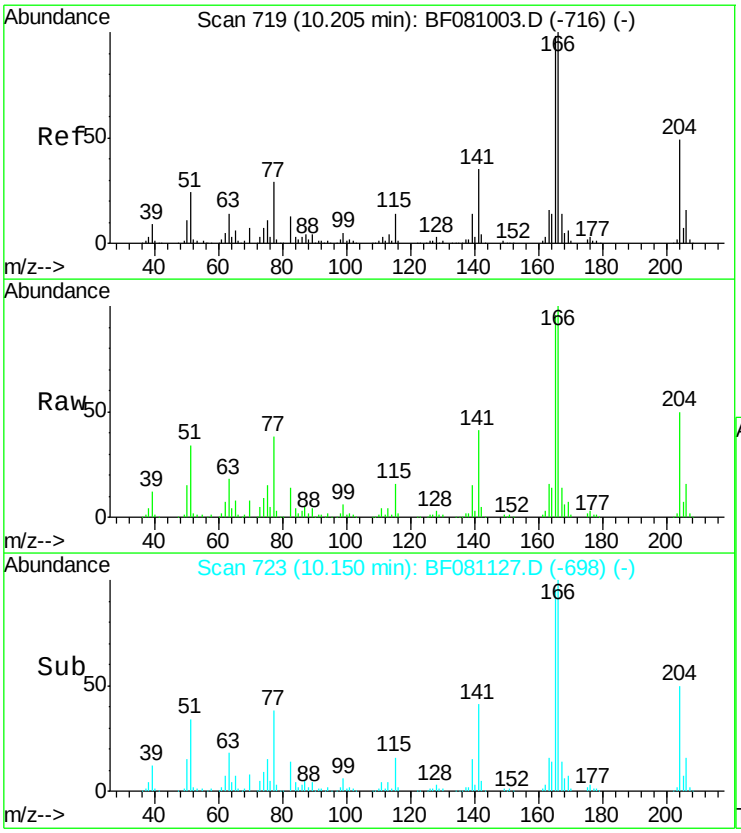

#59
Diethylphthalate
Concen: 28.82 ng
RT: 10.05 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:149 Resp: 364842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 18.1 | 14.1 | 21.1 |
| 150 | 12.5 | 10.3 | 15.5 |

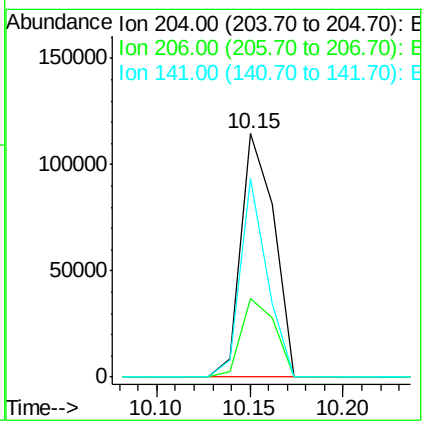


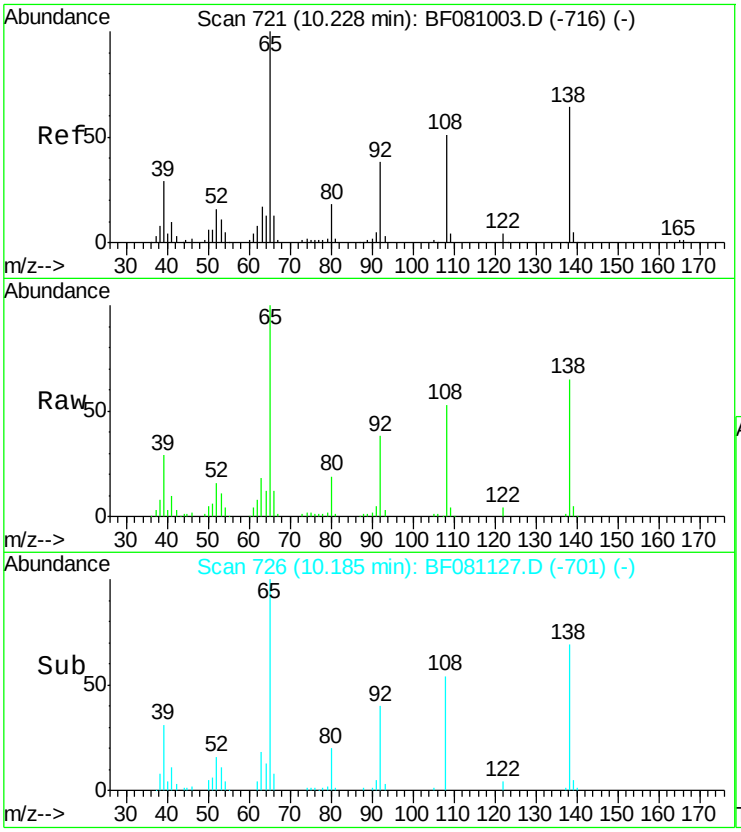




#60
4-Chlorophenyl-phenylether
Concen: 29.32 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:204 Resp: 140798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.2 | 26.2 | 39.2 |
| 141 | 81.6 | 59.6 | 89.4 |



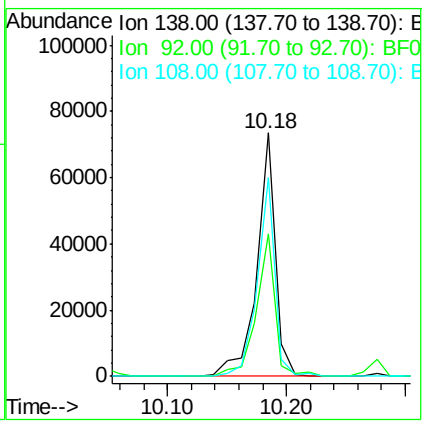


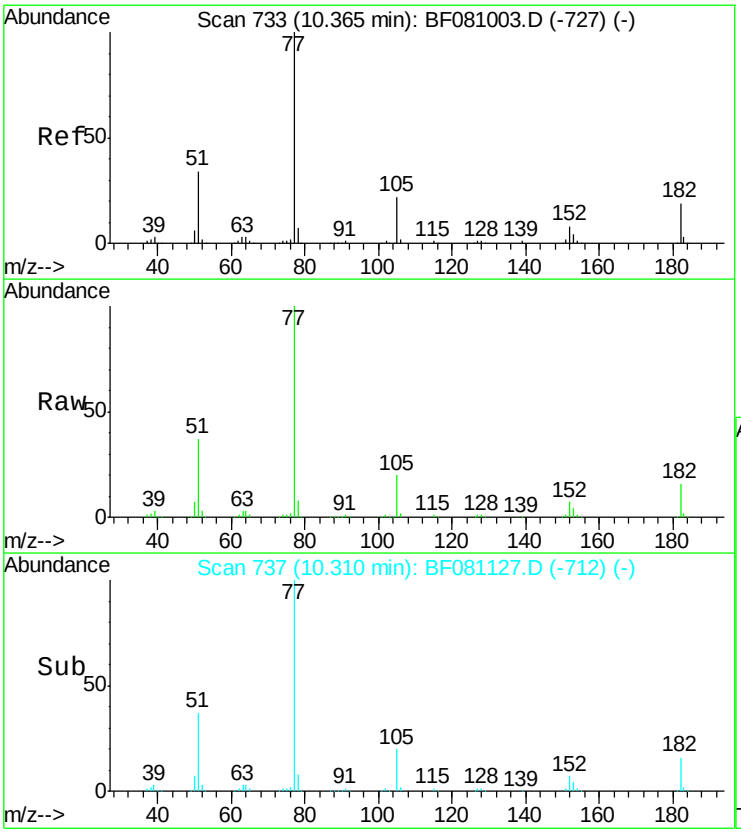

#61
4-Nitroaniline
Concen: 24.46 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:138 Resp: 80358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 58.3 | 34.7 | 74.7 |
| 108 | 81.7 | 68.9 | 108.9 |

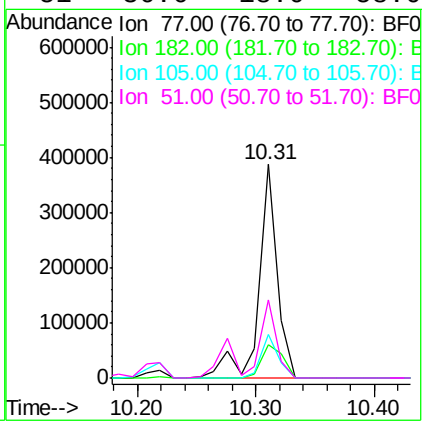


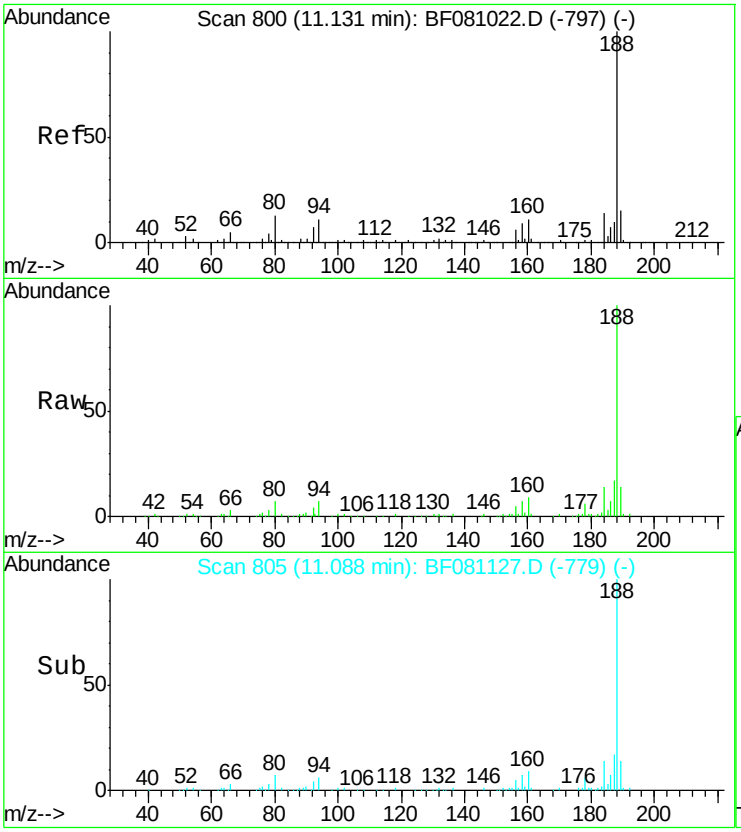




#62
Azobenzene
Concen: 28.91 ng
RT: 10.31 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion: 77 Resp: 421745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 15.6 | 0.0 | 39.0 |
| 105 | 20.2 | 0.2 | 40.2 |
| 51 | 36.6 | 18.0 | 58.0 |



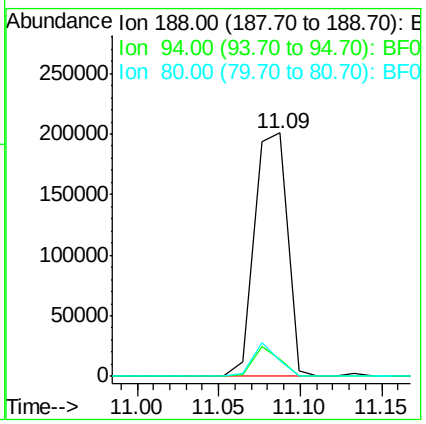


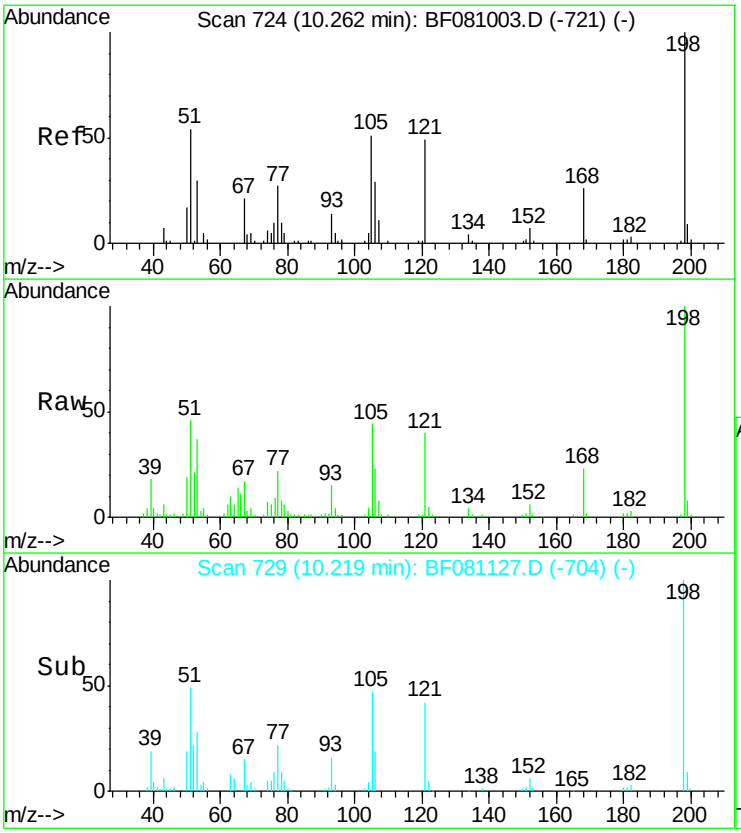

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:188 Resp: 283047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.8 | 8.2 | 12.2# |
| 80 | 6.7 | 9.5 | 14.3# |

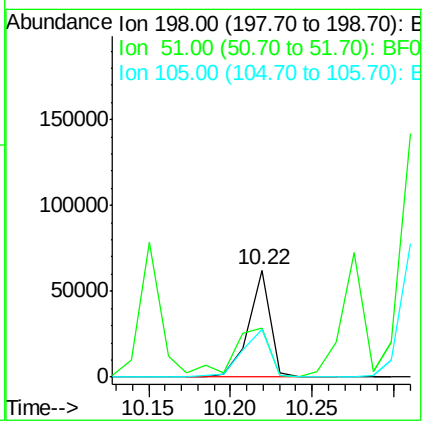


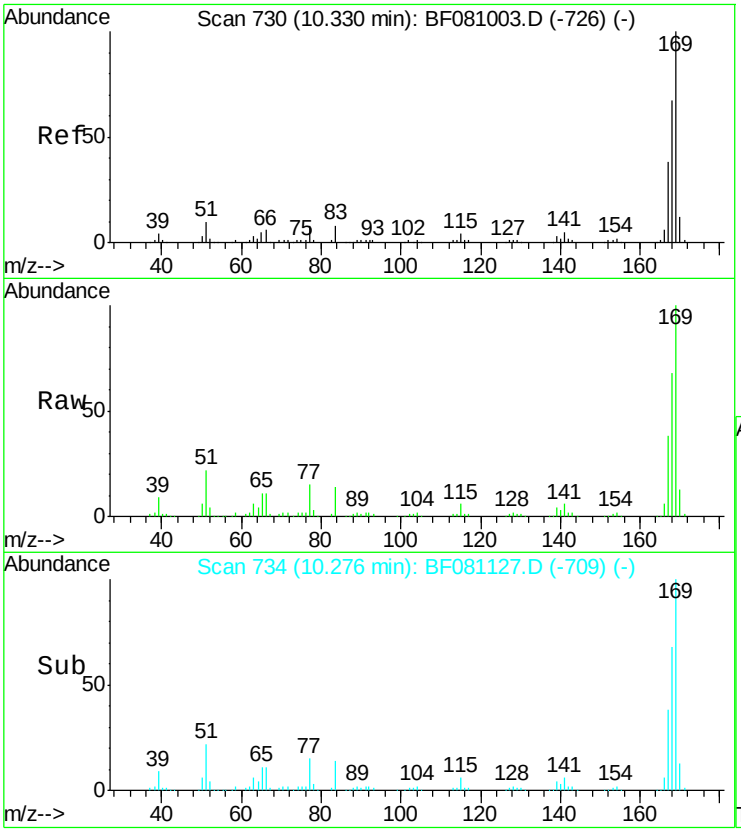




#64
4,6-Dinitro-2-methylphenol
Concen: 33.70 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:198 Resp: 56961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 46.2 | 79.7 | 119.7# |
| 105 | 44.4 | 47.0 | 87.0# |



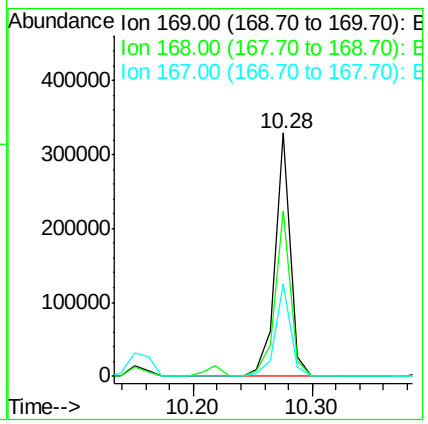


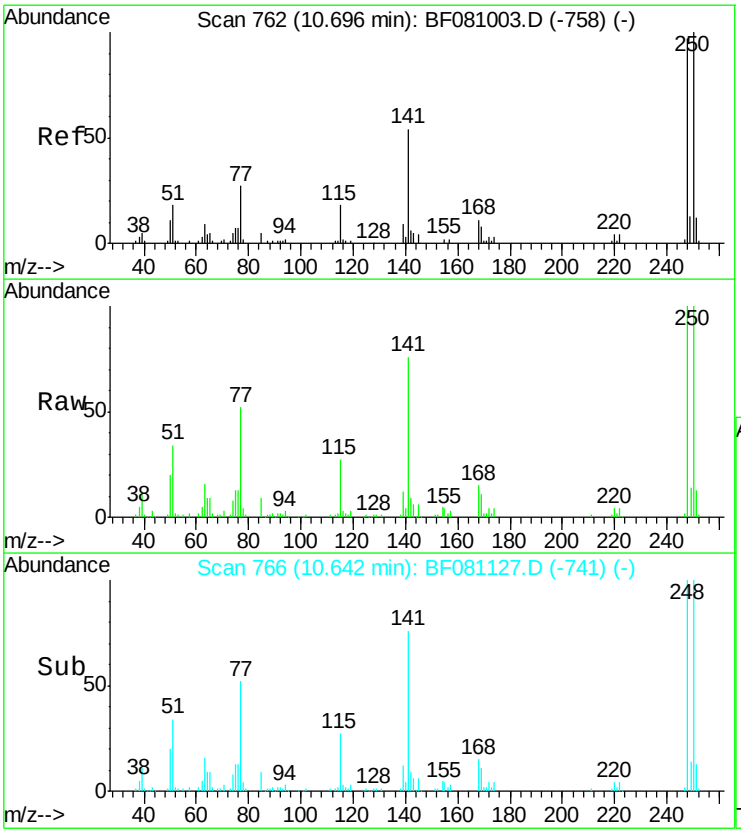

#65
n-Nitrosodiphenylamine
Concen: 29.17 ng
RT: 10.28 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:169 Resp: 294718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.1 | 55.3 | 82.9 |
| 167 | 38.0 | 30.8 | 46.2 |

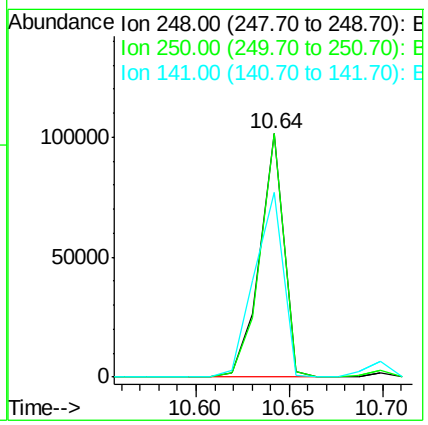


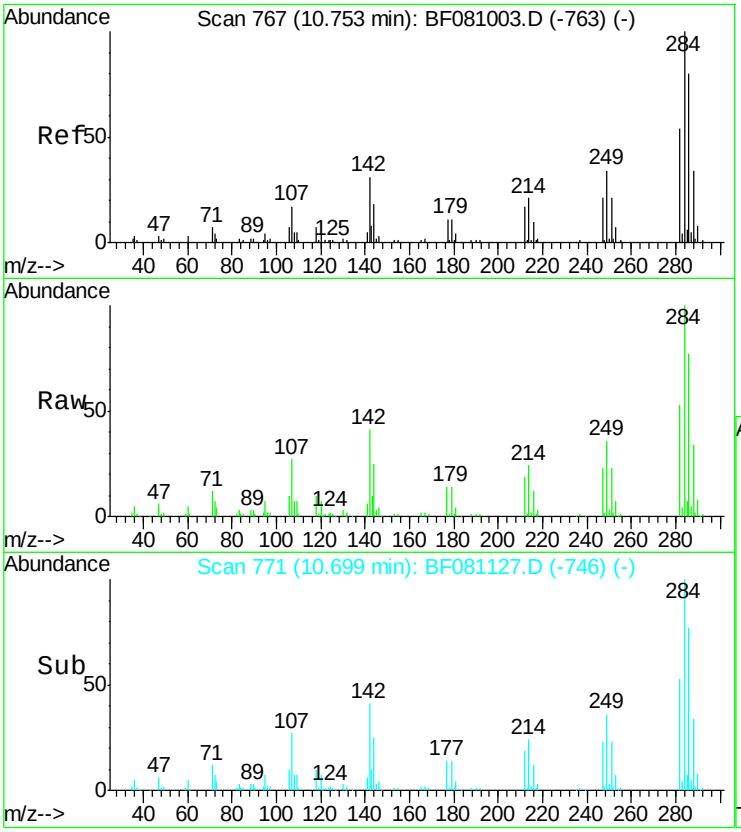




#66
4-Bromophenyl-phenylether
Concen: 32.55 ng
RT: 10.64 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:248 Resp: 90510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.1 | 77.8 | 116.6 |
| 141 | 76.0 | 39.8 | 59.6# |



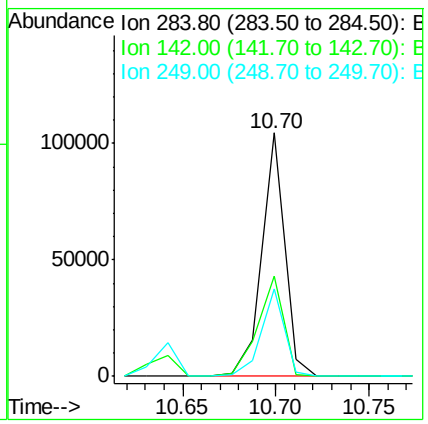


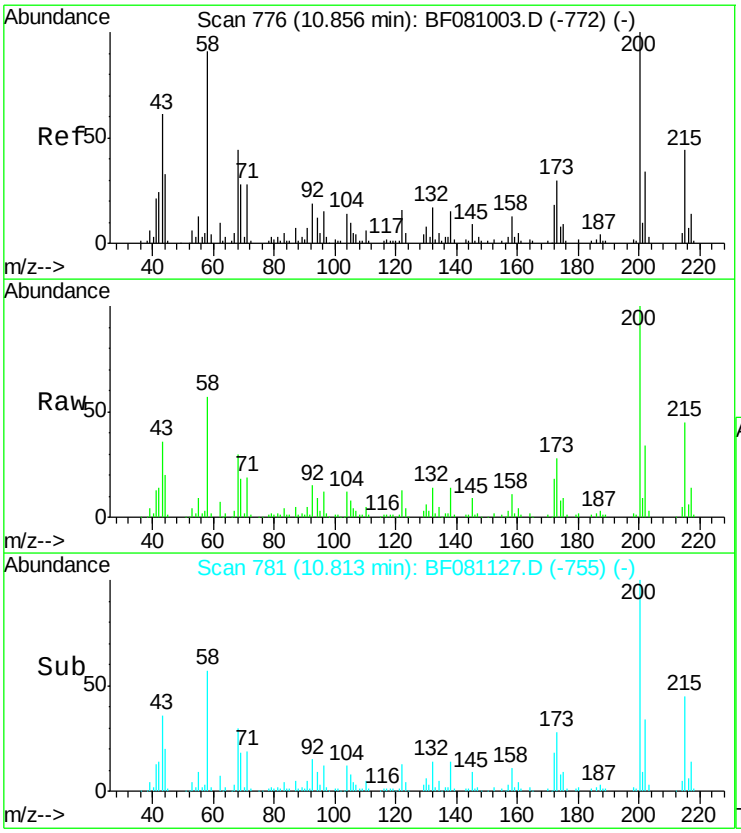

#67
Hexachlorobenzene
Concen: 31.45 ng
RT: 10.70 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:284 Resp: 88567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 41.4 | 25.4 | 38.0# |
| 249 | 36.1 | 28.5 | 42.7 |

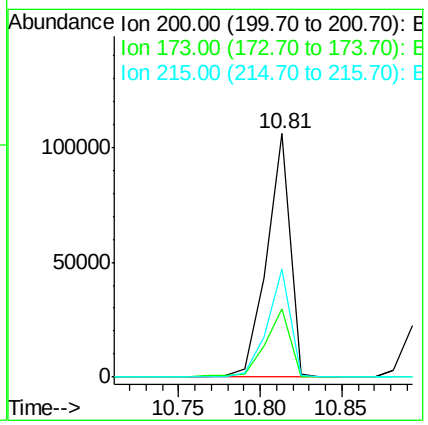


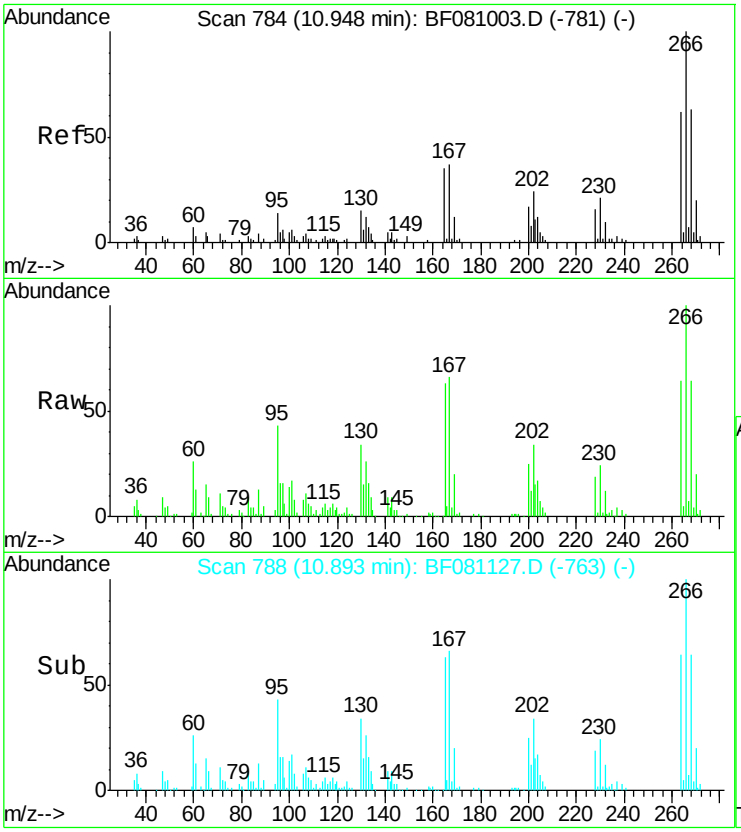




#68
Atrazine
Concen: 37.67 ng
RT: 10.81 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:200 Resp: 106034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.9 | 8.1 | 48.1 |
| 215 | 44.6 | 23.3 | 63.3 |



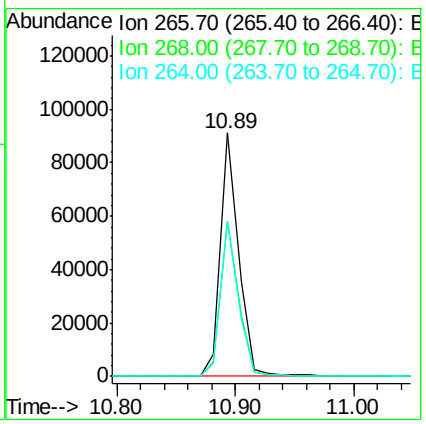


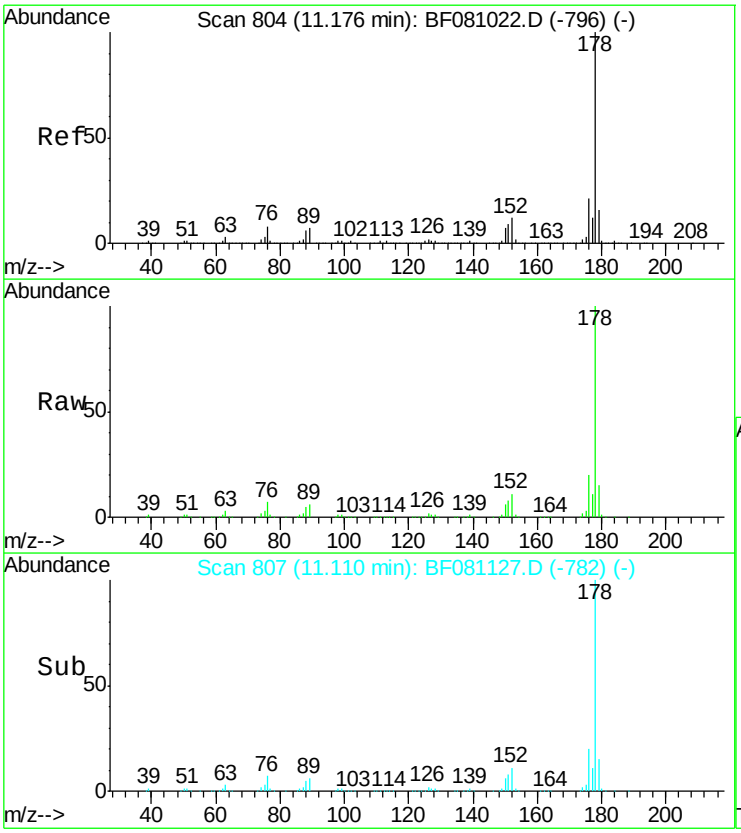

#69
Pentachlorophenol
Concen: 56.83 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:266 Resp: 96015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 51.2 | 76.8 |
| 264 | 64.0 | 50.6 | 75.8 |

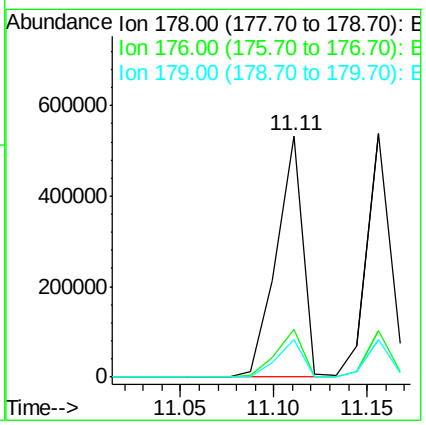


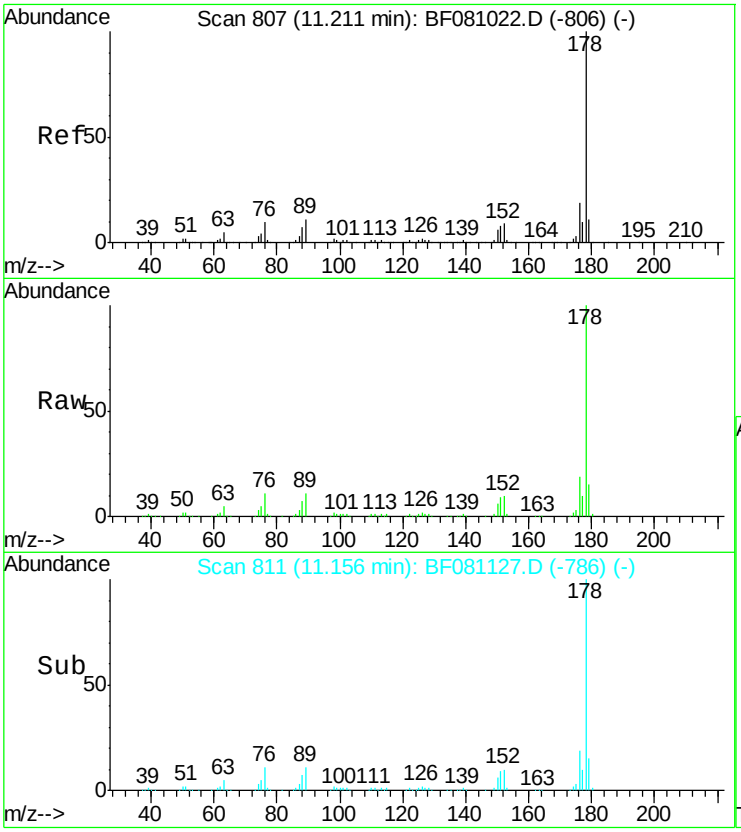




#70
Phenanthrene
Concen: 31.42 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:178 Resp: 527052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.7 | 23.5 |
| 179 | 15.5 | 12.2 | 18.2 |



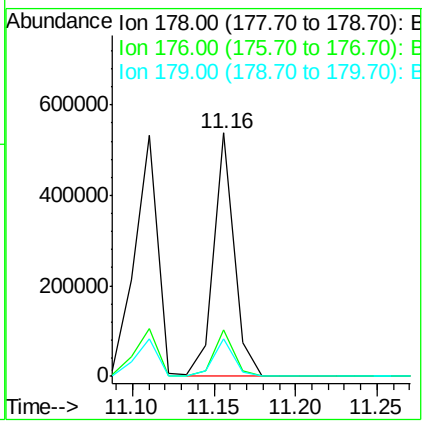


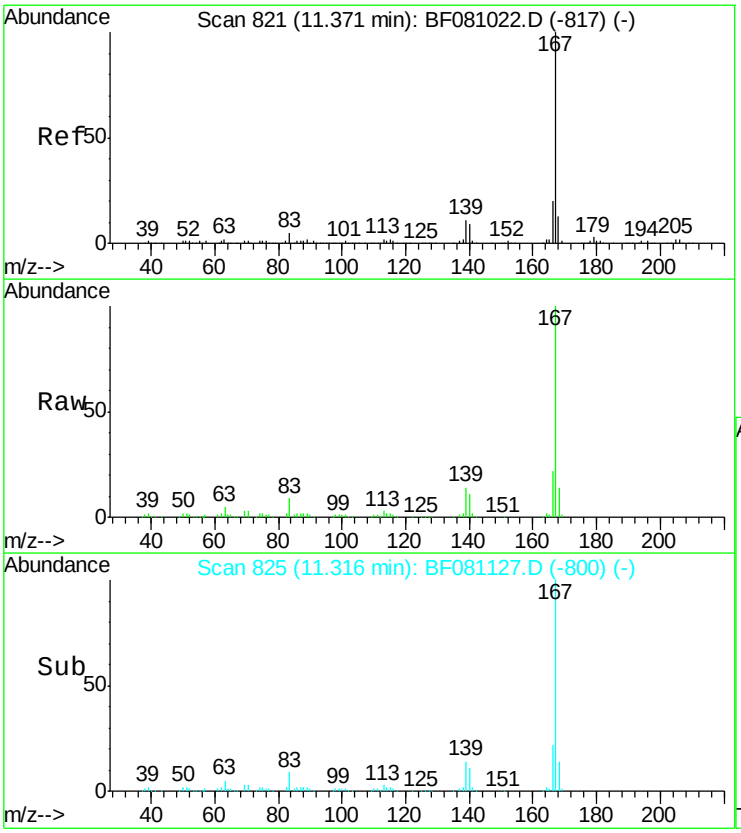

#71
Anthracene
Concen: 28.72 ng
RT: 11.16 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:178 Resp: 468875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.7 | 23.5 |
| 179 | 15.4 | 12.7 | 19.1 |

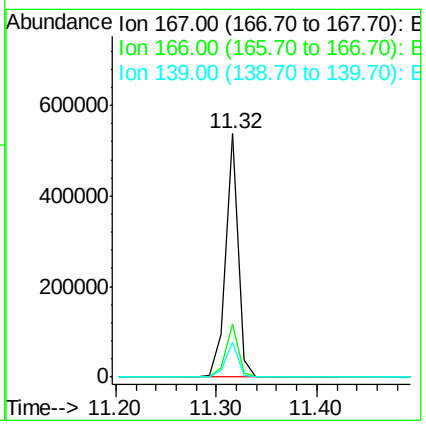


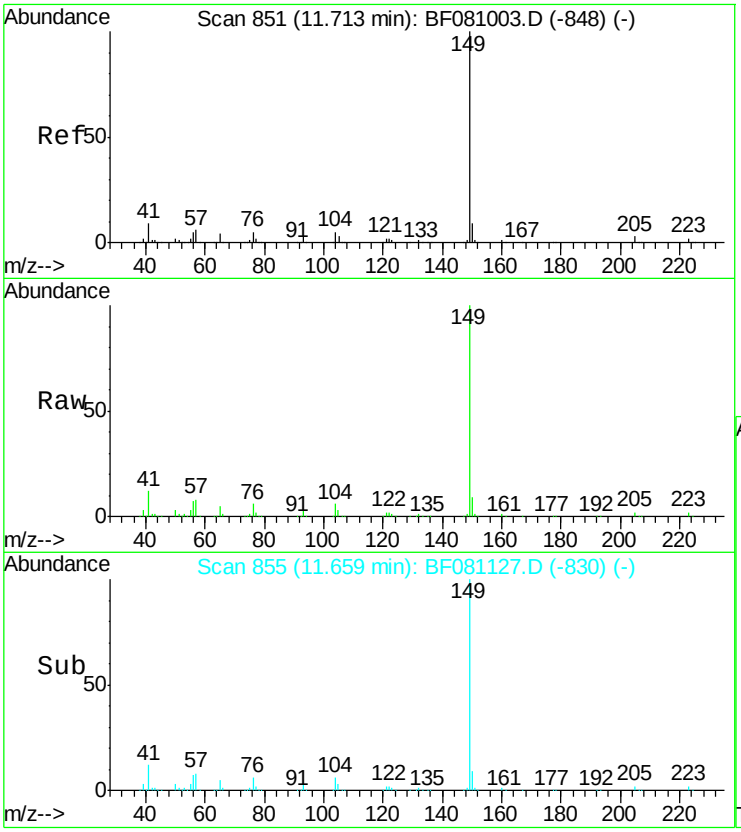




#72
Carbazole
Concen: 29.58 ng
RT: 11.32 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:167 Resp: 464877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 17.4 | 26.0 |
| 139 | 14.1 | 10.6 | 16.0 |



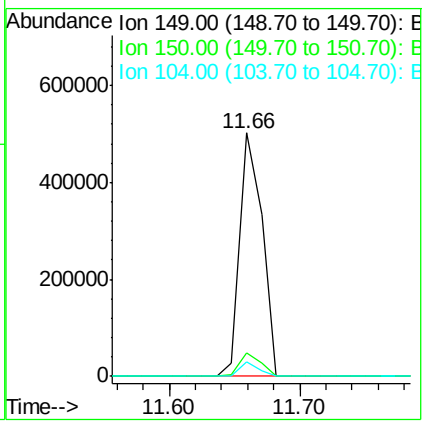


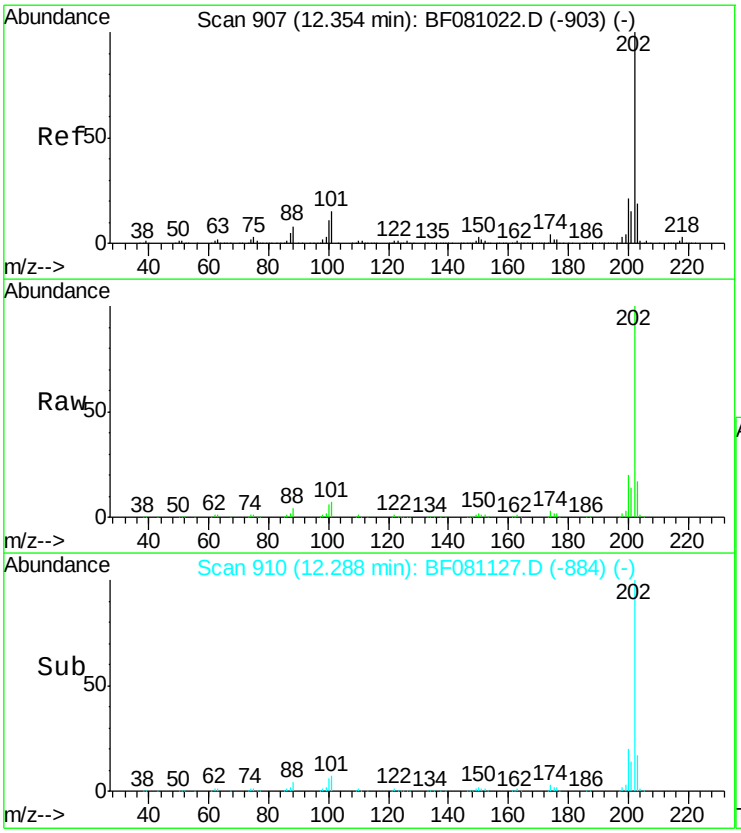

#73
Di-n-butylphthalate
Concen: 31.18 ng
RT: 11.66 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :** BNA_F
**ClientSampleId :** PB85121BS

Tgt Ion:149 Resp: 593012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.1 | 10.7 |
| 104 | 5.7 | 3.9 | 5.9 |

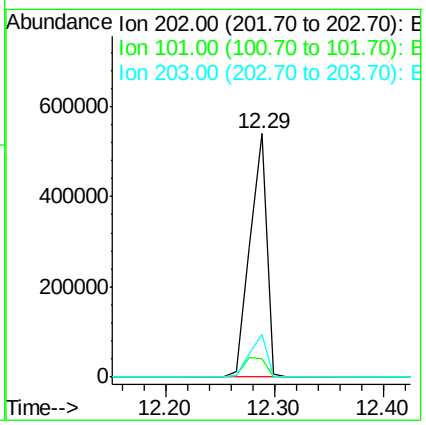


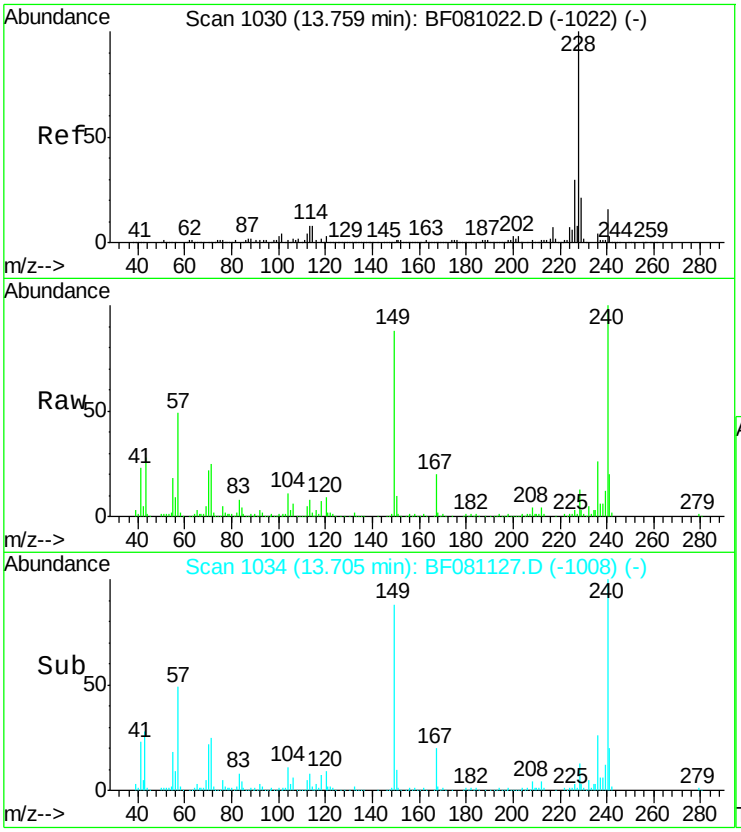




#74
Fluoranthene
Concen: 32.24 ng
RT: 12.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:202 Resp: 583631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.5 | 0.0 | 24.8 |
| 203 | 17.4 | 0.0 | 36.9 |



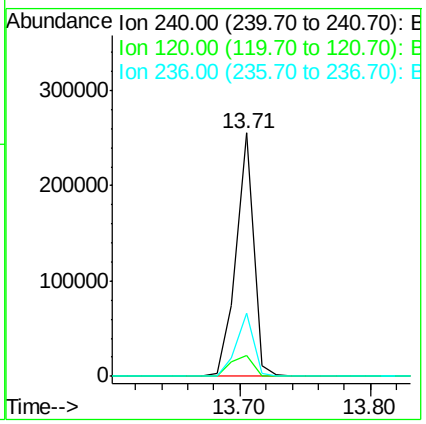


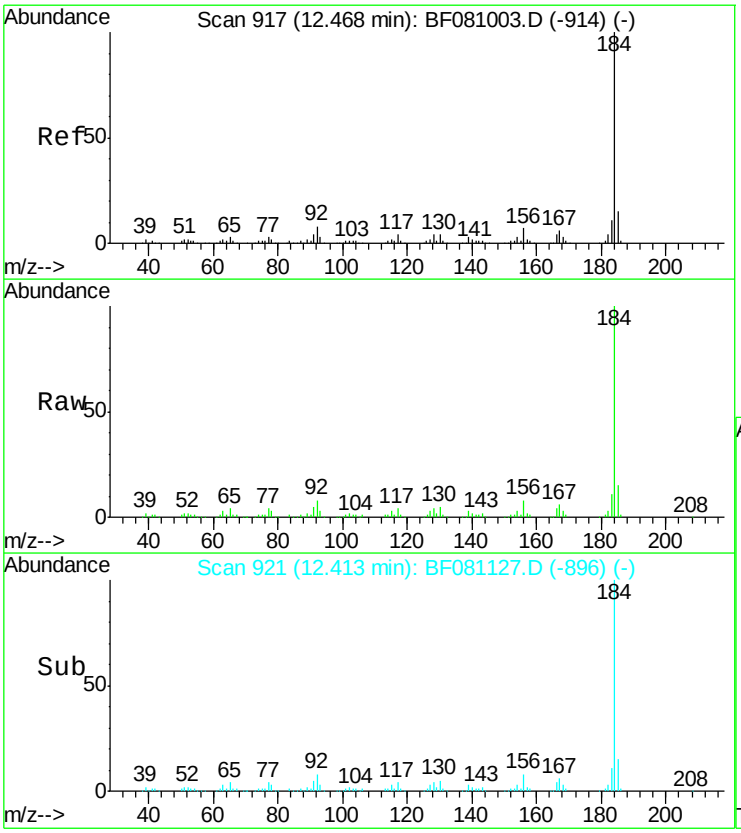

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:240 Resp: 237408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.5 | 5.6 | 8.4# |
| 236 | 26.1 | 20.6 | 30.8 |

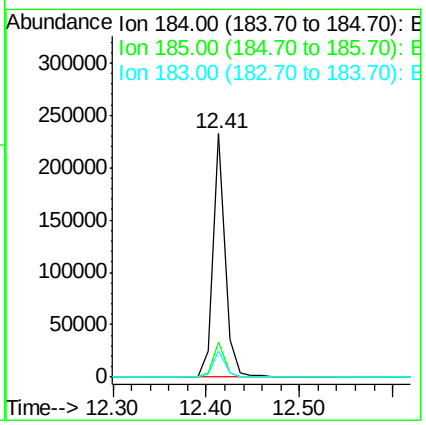


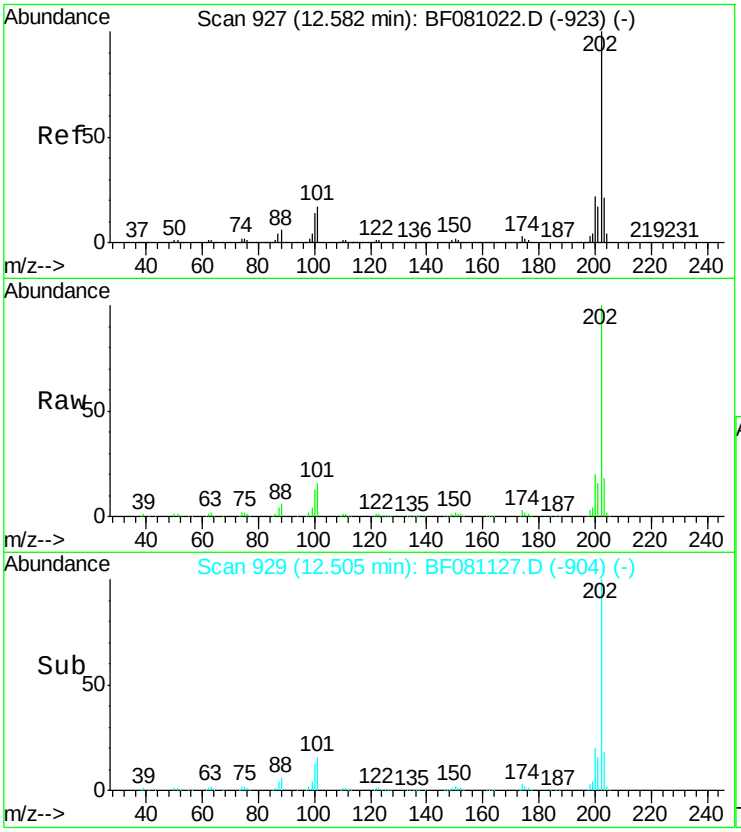




#76
Benzidine
Concen: 23.19 ng
RT: 12.41 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:184 Resp: 207929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 12.0 | 18.0 |
| 183 | 10.9 | 8.9 | 13.3 |



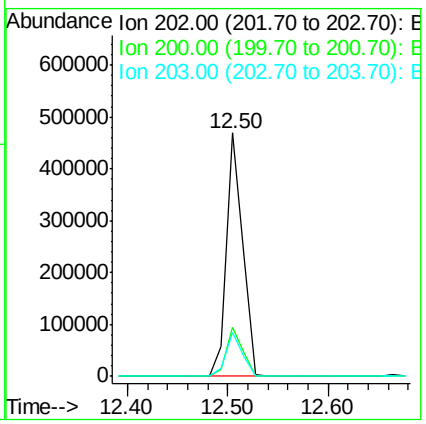


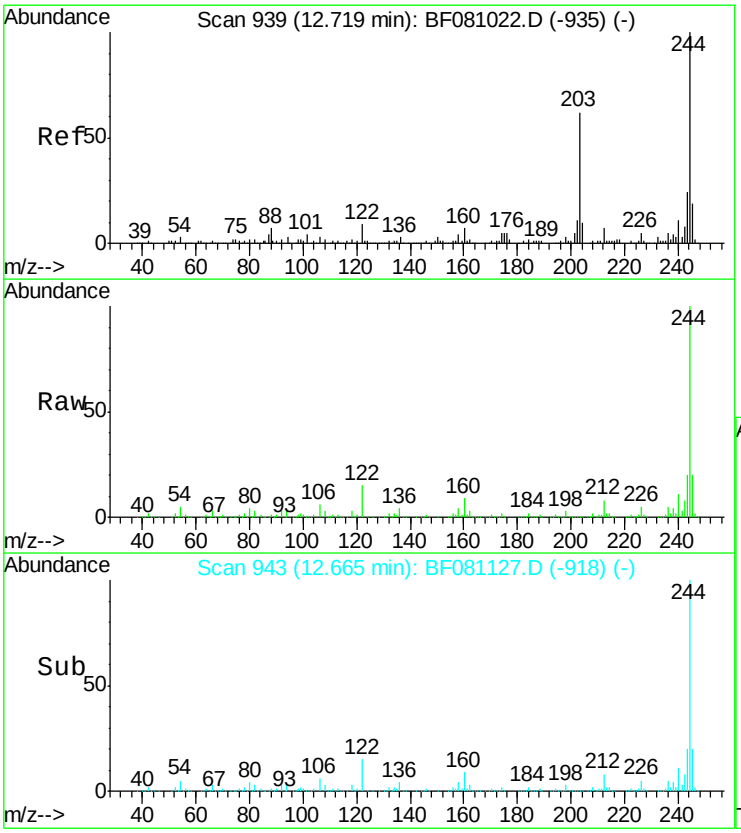

#77
Pyrene
Concen: 27.09 ng
RT: 12.50 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:202 Resp: 522907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.3 | 16.6 | 24.8 |
| 203 | 18.2 | 14.1 | 21.1 |

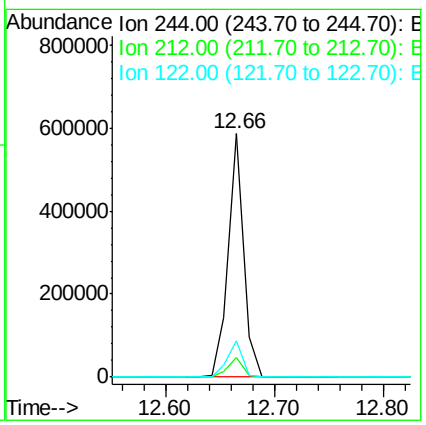


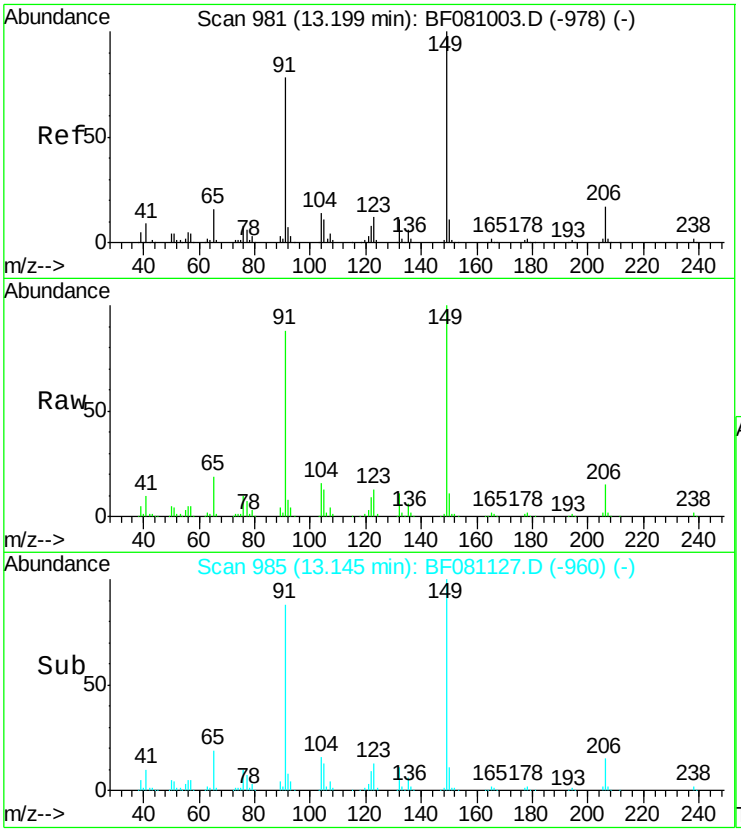




#78
Terphenyl-d14
Concen: 51.53 ng
RT: 12.66 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:244 Resp: 570602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 5.8 | 8.8 |
| 122 | 15.1 | 8.2 | 12.4# |



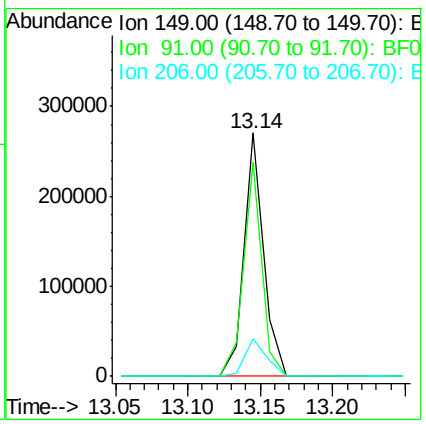


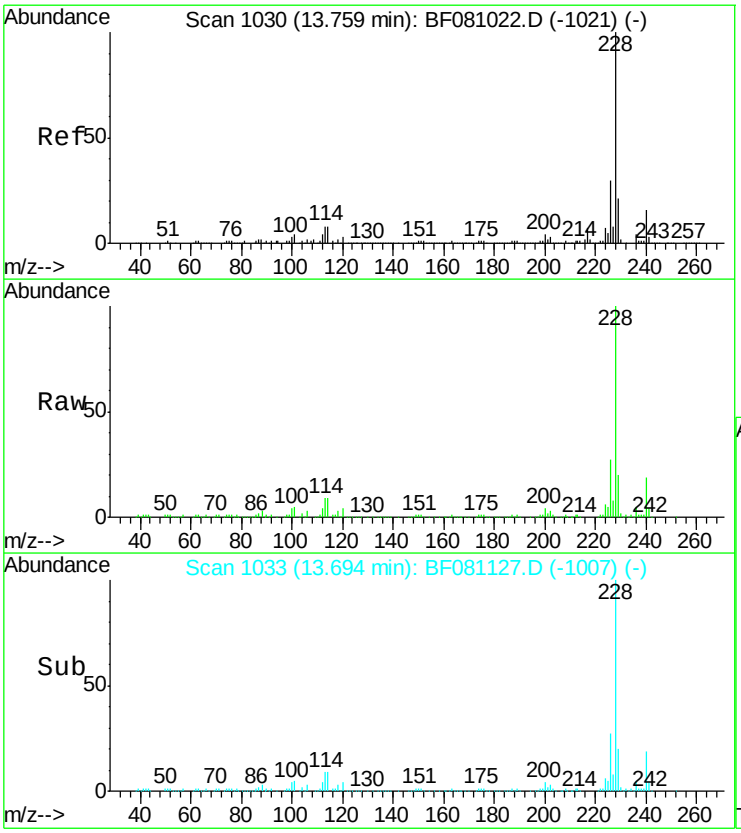

#79
Butylbenzylphthalate
Concen: 30.52 ng
RT: 13.14 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:149 Resp: 253160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 87.9 | 46.9 | 70.3# |
| 206 | 15.4 | 17.0 | 25.4# |

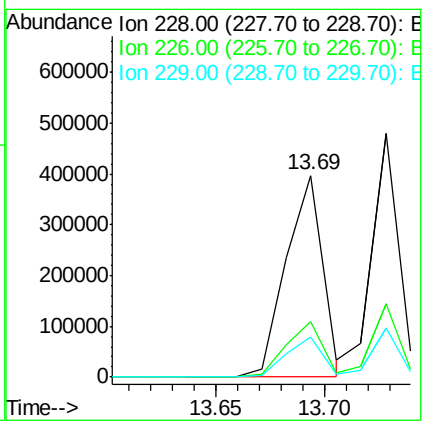


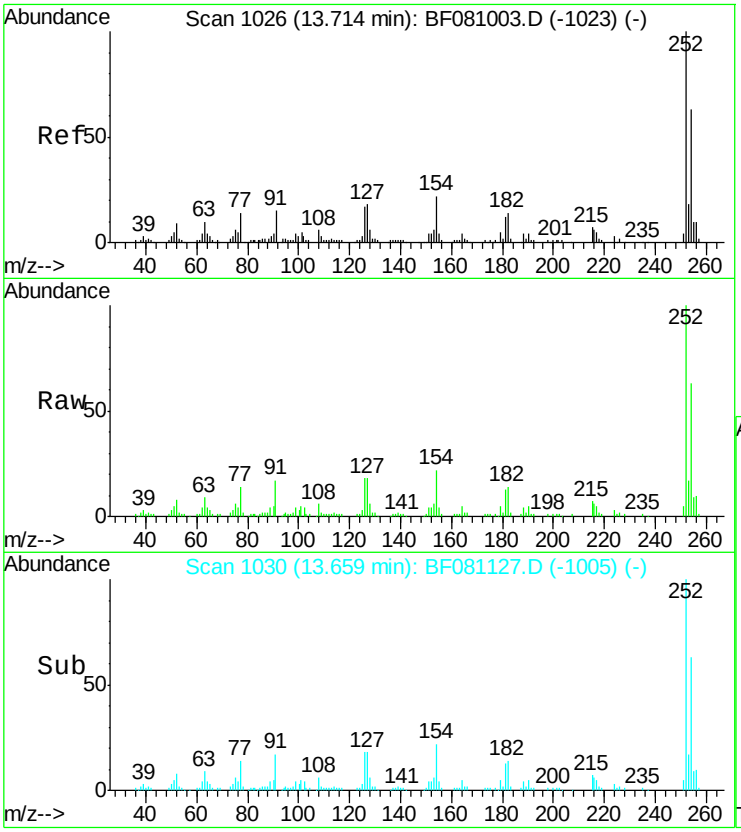




#80
Benzo(a)anthracene
Concen: 29.42 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:228 Resp: 468380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 22.3 | 33.5 |
| 229 | 19.9 | 15.9 | 23.9 |



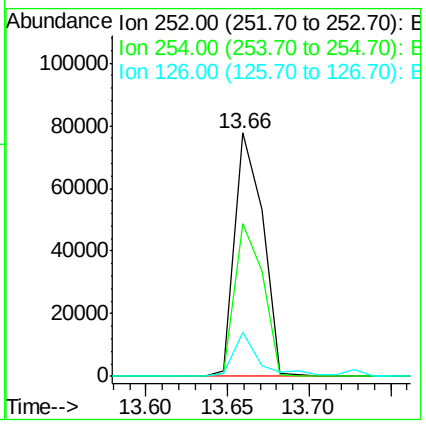


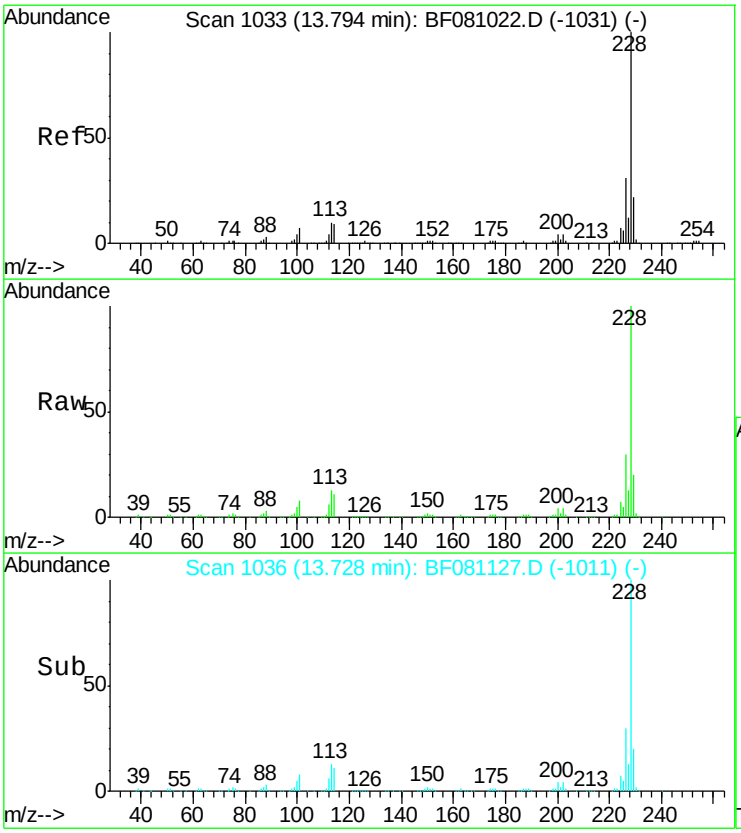

#81
3,3'-Dichlorobenzidine
Concen: 17.88 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:252 Resp: 92218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.9 | 51.5 | 77.3 |
| 126 | 18.3 | 12.5 | 18.7 |

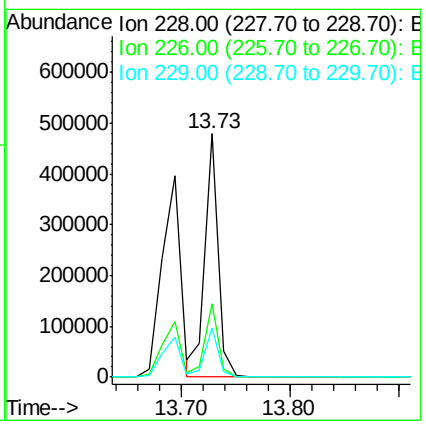


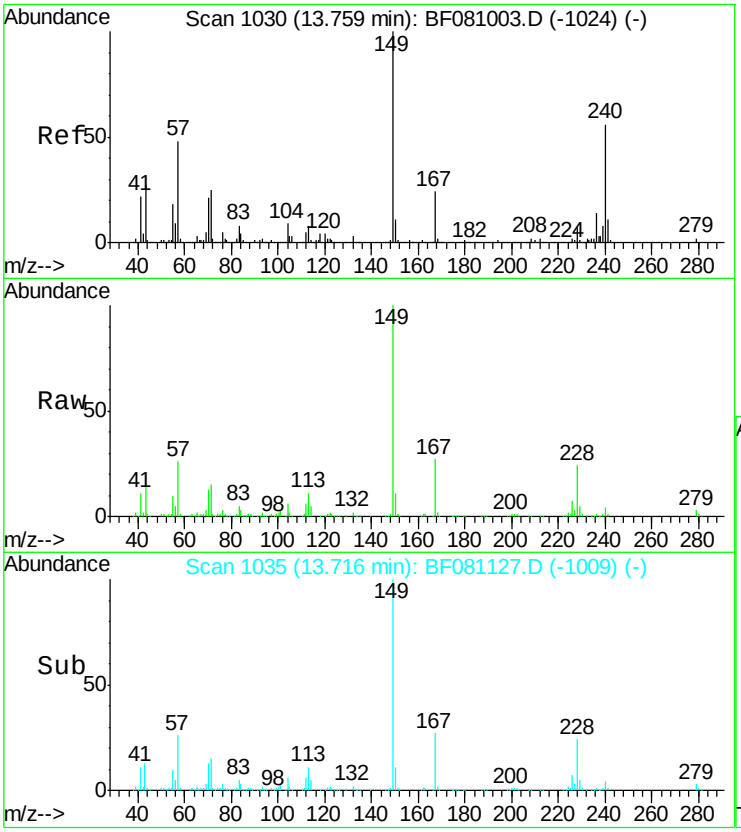




#82
Chrysene
Concen: 28.93 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:228 Resp: 415164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.4 | 36.6 |
| 229 | 19.9 | 16.0 | 24.0 |



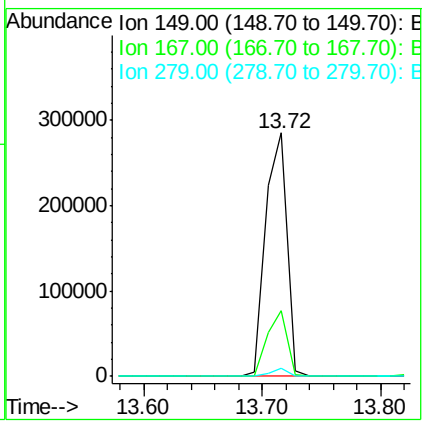


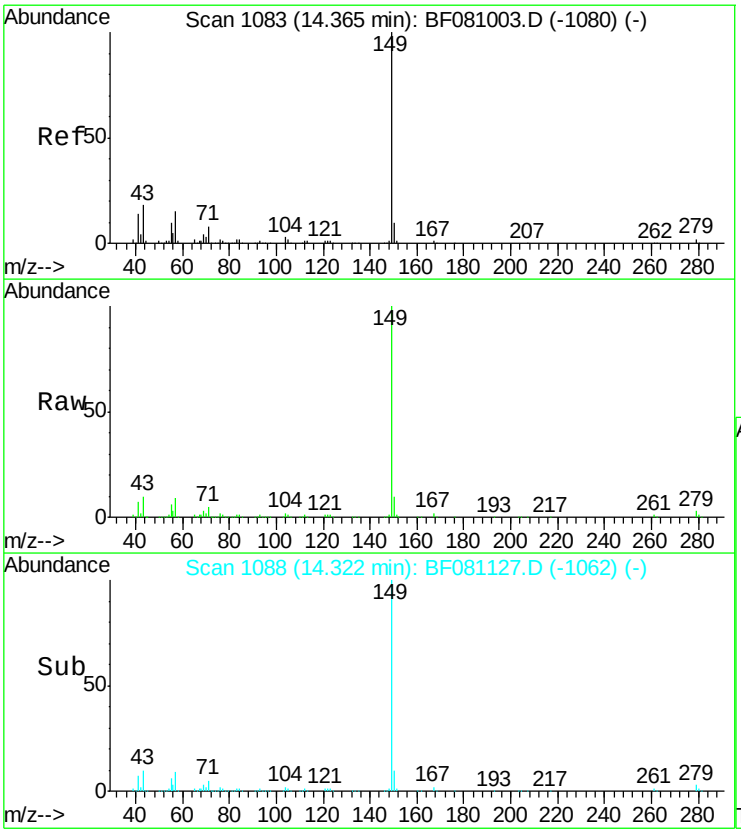

#83
Bis(2-ethylhexyl)phthalate
Concen: 33.75 ng
RT: 13.72 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:149 Resp: 358617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.7 | 20.7 | 31.1 |
| 279 | 3.4 | 2.2 | 3.4# |

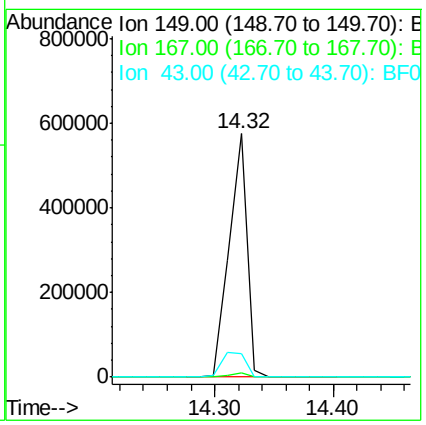


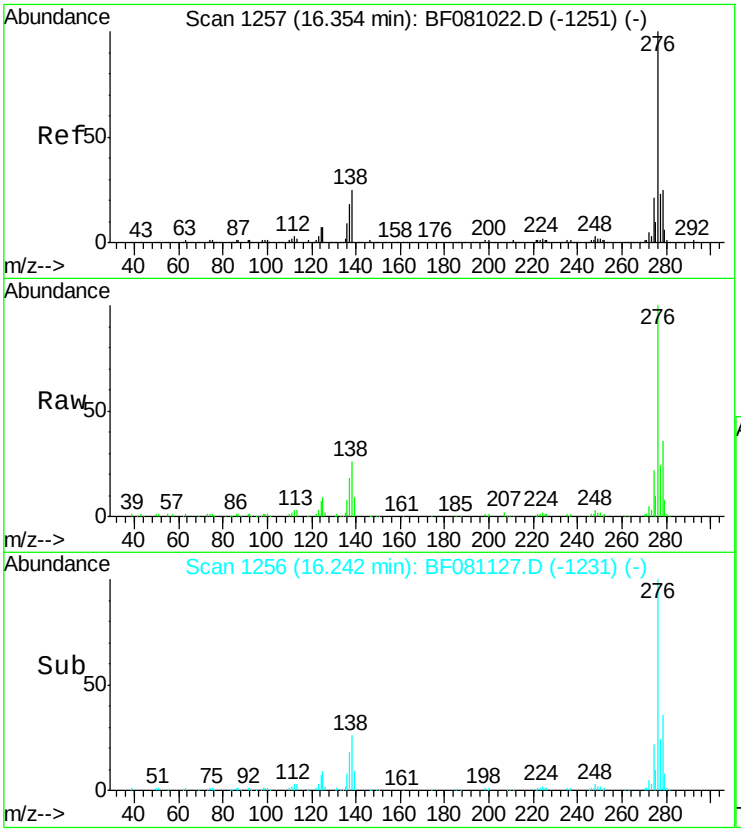




#84
Di-n-octyl phthalate
Concen: 37.16 ng
RT: 14.32 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:149 Resp: 600143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 13.5 | 11.6 | 17.4 |



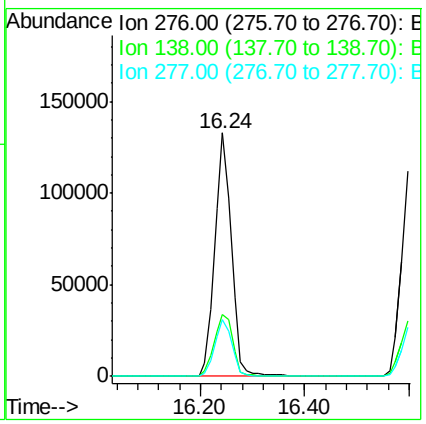


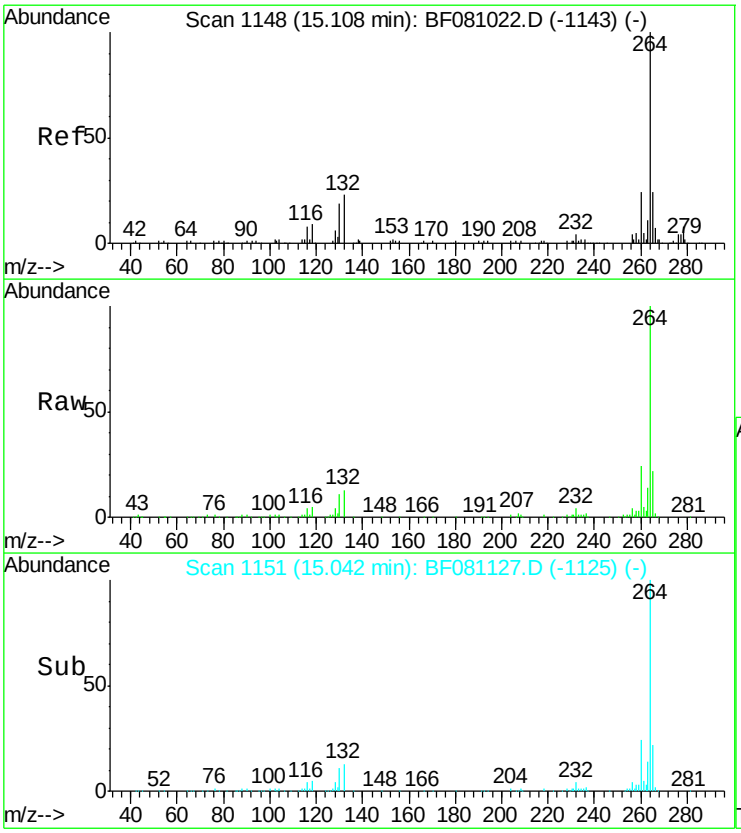

#85
Indeno(1,2,3-cd)pyrene
Concen: 29.21 ng
RT: 16.24 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:276 Resp: 294228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.4 | 18.6 | 28.0# |
| 277 | 24.2 | 19.8 | 29.8 |

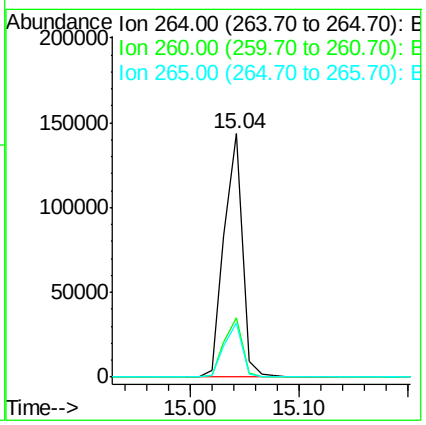


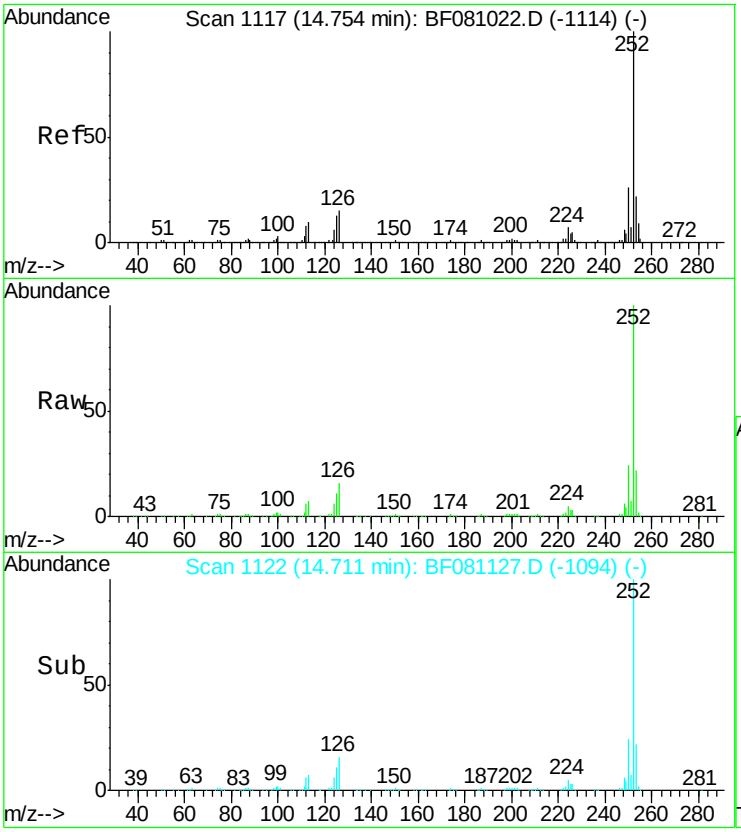




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:264 Resp: 166988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.6 | 29.4 |
| 265 | 22.1 | 17.5 | 26.3 |



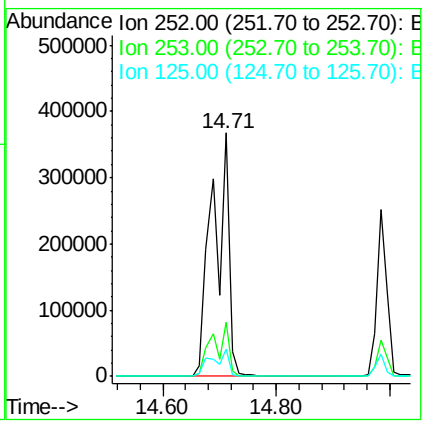


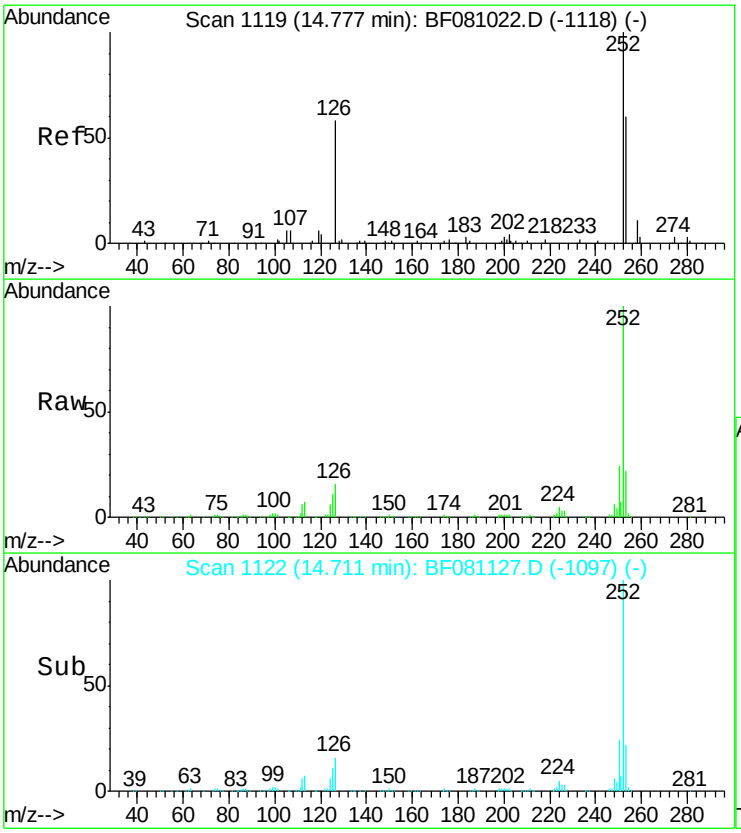

#87
Benzo(b)fluoranthene
Concen: 61.06 ng
RT: 14.71 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:252 Resp: 721238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.1 | 25.7 |
| 125 | 11.0 | 8.0 | 12.0 |

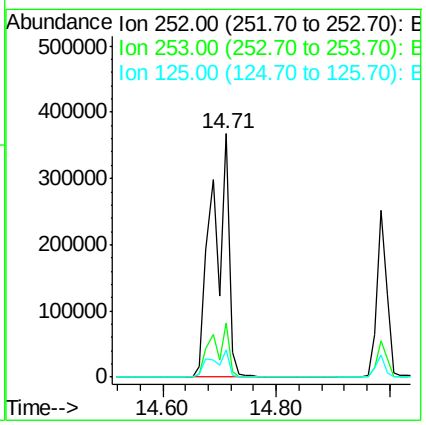


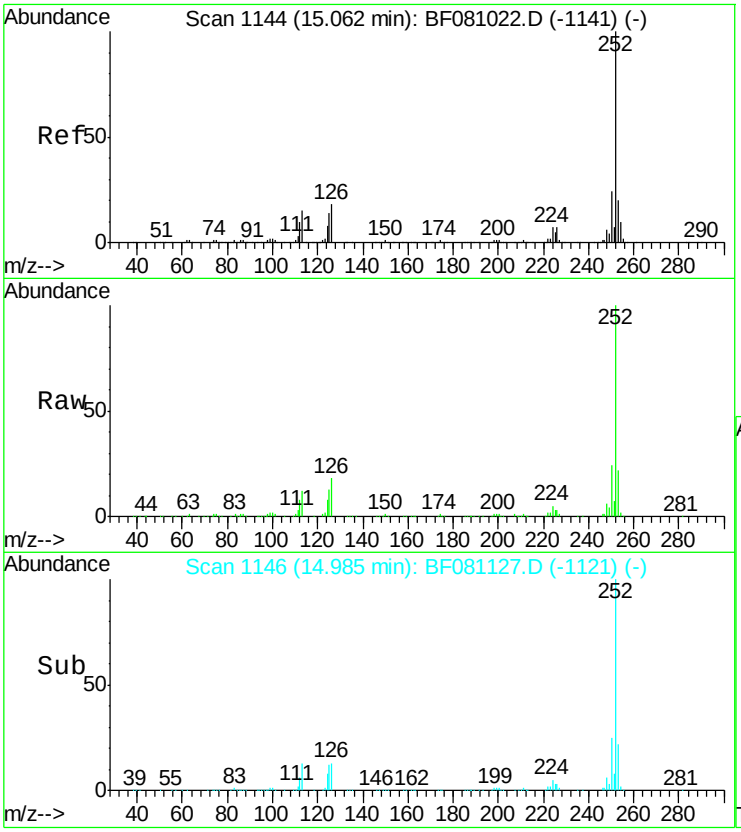




#88
Benzo(k)fluoranthene
Concen: 65.53 ng
RT: 14.71 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:252 Resp: 721238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.6 | 26.4 |
| 125 | 11.0 | 10.3 | 15.5 |



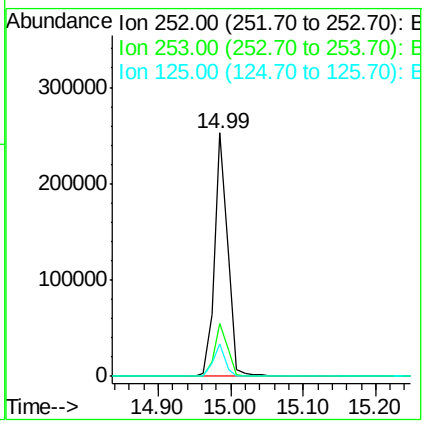


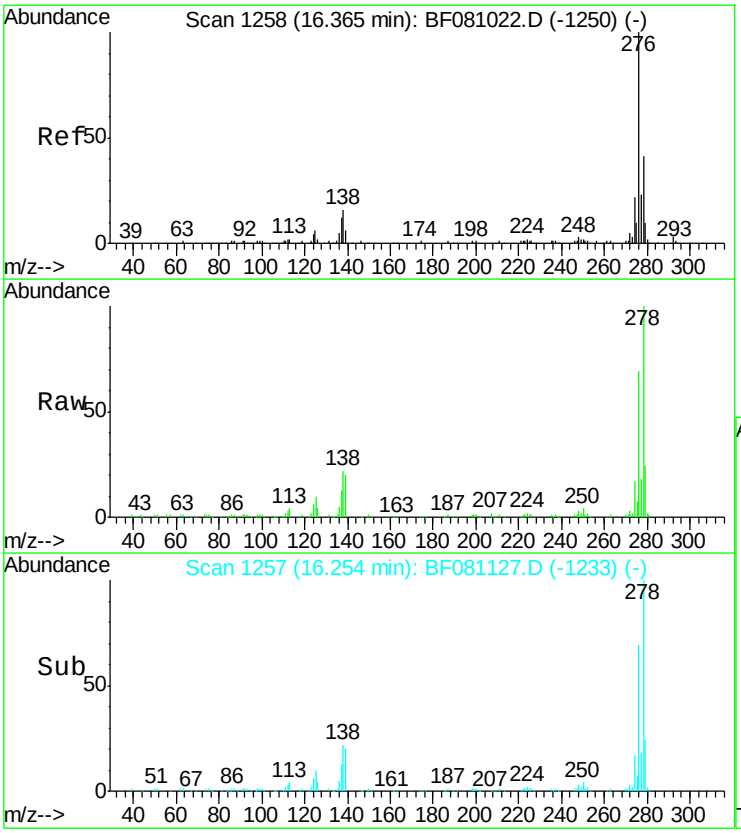

#89
Benzo(a)pyrene
Concen: 30.74 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:252 Resp: 316371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 16.6 | 25.0 |
| 125 | 13.4 | 7.8 | 11.8# |

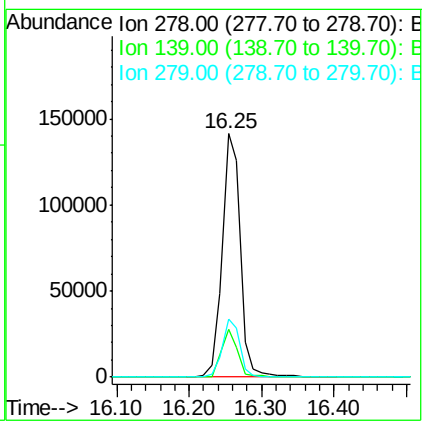


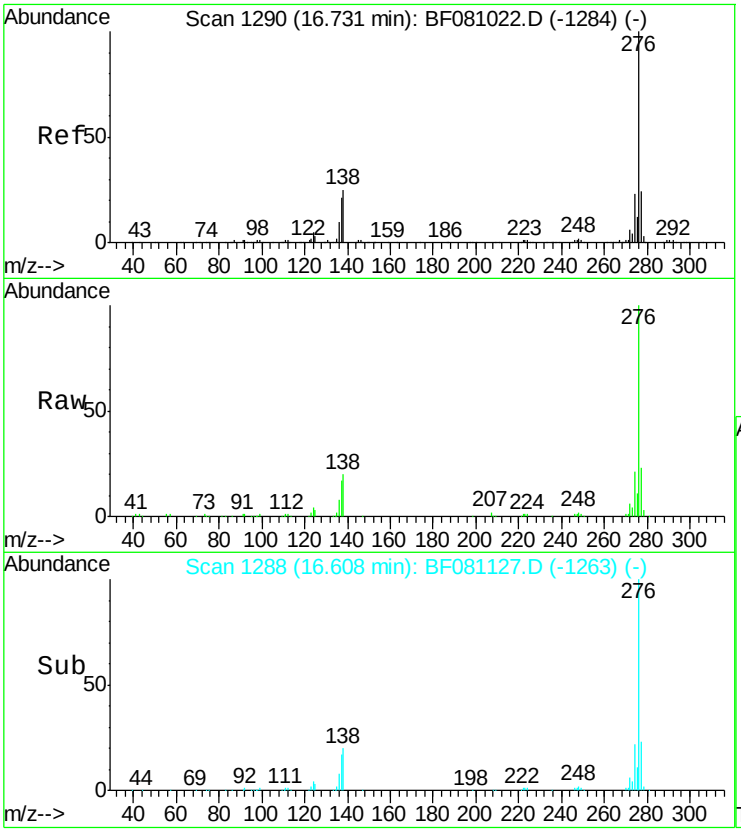




#90
Dibenzo(a,h)anthracene
Concen: 30.60 ng
RT: 16.25 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

Tgt Ion:278 Resp: 245385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.9 | 10.8 | 16.2# |
| 279 | 23.6 | 19.0 | 28.6 |






#91
Benzo(g,h,i)perylene
Concen: 29.81 ng
RT: 16.61 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF081127.D
Acq: 20 Aug 2015 16:31

**Instrument :**
BNA_F
**ClientSampleId :**
PB85121BS

Tgt Ion:276 Resp: 242529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.7 | 18.2 | 27.2 |
| 138 | 19.9 | 13.7 | 20.5 |