Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084099.D
Acq On : 25 Dec 2015 00:46
Operator : UM/SJ
Sample : PB87558BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB87558BSD

Quant Time: Dec 25 05:48:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 49626 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 198843 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.84 | 164 | 95131 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 172017 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.96 | 240 | 133766 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.38 | 264 | 102092 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 307990 | 105.22 | ng | | 0.01 |
| 7) Phenol-d6 | 6.45 | 99 | 349402 | 96.47 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 229991 | 67.70 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 95943 | 94.57 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.16 | 172 | 471599 | 67.83 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.90 | 244 | 428617 | 57.98 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.43 | 88 | 31508 | 26.26 | ng | # | 94 |
| 3) Pyridine | 3.15 | 79 | 78786 | 26.89 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.08 | 42 | 38408 | 29.75 | ng | | 98 |
| 6) Aniline | 6.46 | 93 | 67234 | 14.68 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.59 | 128 | 118147 | 32.50 | ng | | 93 |
| 9) Benzaldehyde | 6.35 | 77 | 32729 | 16.90 | ng | | 89 |
| 10) Phenol | 6.46 | 94 | 126896 | 30.63 | ng | | 87 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 93831 | 31.41 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.74 | 146 | 119862 | 30.20 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.74 | 146 | 119862 | 30.01 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 116497 | 31.66 | ng | | 98 |
| 15) Benzyl Alcohol | 6.94 | 79 | 90744 | 33.08 | ng | # | 87 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45 | 88192 | 30.22 | ng | | 65 |
| 17) 2-Methylphenol | 7.07 | 107 | 89822 | 32.18 | ng | # | 93 |
| 18) Hexachloroethane | 7.31 | 117 | 45344 | 31.11 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.22 | 70 | 72649 | 32.56 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.23 | 107 | 114802 | 32.24 | ng | # | 47 |
| 22) Acetophenone | 7.21 | 105 | 147007 | 29.59 | ng | # | 94 |
| 24) Nitrobenzene | 7.38 | 77 | 102602 | 28.45 | ng | | 95 |
| 25) Isophorone | 7.62 | 82 | 188168 | 29.95 | ng | | 97 |
| 26) 2-Nitrophenol | 7.70 | 139 | 56379 | 30.54 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 7.76 | 122 | 99276 | 32.40 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93 | 118918 | 32.46 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 93940 | 33.01 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.03 | 180 | 96097 | 30.82 | ng | | 97 |
| 31) Naphthalene | 8.11 | 128 | 317900 | 30.05 | ng | | 98 |
| 32) Benzoic acid | 7.88 | 122 | 45383 | 30.89 | ng | | 96 |
| 33) 4-Chloroaniline | 8.16 | 127 | 37380 | 8.88 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 54428 | 30.60 | ng | | 99 |
| 35) Caprolactam | 8.52 | 113 | 17022 | 21.57 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 8.66 | 107 | 109106 | 34.10 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.80 | 142 | 221855 | 33.50 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 96478 | 32.17 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.96 | 237 | 48525 | 61.62 | ng | | 97 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084099.D
Acq On : 25 Dec 2015 00:46
Operator : UM/SJ
Sample : PB87558BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB87558BSD

Quant Time: Dec 25 05:48:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.08 | 196 | 58148 | 29.74 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.13 | 196 | 61777 | 31.56 | ng | # | 82 |
| 45) 1,1'-Biphenyl | 9.26 | 154 | 263455 | 30.65 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.29 | 162 | 208061 | 31.84 | ng | | 94 |
| 47) 2-Nitroaniline | 9.39 | 65 | 57104 | 32.89 | ng | # | 51 |
| 48) Acenaphthylene | 9.70 | 152 | 326371 | 30.42 | ng | | 99 |
| 49) Dimethylphthalate | 9.56 | 163 | 227879 | 28.92 | ng | # | 90 |
| 50) 2,6-Dinitrotoluene | 9.63 | 165 | 53545 | 32.02 | ng | | 99 |
| 51) Acenaphthene | 9.87 | 154 | 198378 | 31.79 | ng | | 99 |
| 52) 3-Nitroaniline | 9.80 | 138 | 25503 | 14.21 | ng | # | 66 |
| 53) 2,4-Dinitrophenol | 9.92 | 184 | 33219 | 58.30 | ng | | 96 |
| 54) Dibenzofuran | 10.04 | 168 | 288099 | 33.57 | ng | | 92 |
| 55) 4-Nitrophenol | 9.98 | 139 | 62998 | 68.77 | ng | | 87 |
| 56) 2,4-Dinitrotoluene | 10.03 | 165 | 68072 | 30.83 | ng | # | 85 |
| 57) Fluorene | 10.38 | 166 | 234803 | 32.19 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 50851 | 36.45 | ng | | 97 |
| 59) Diethylphthalate | 10.26 | 149 | 230488 | 28.80 | ng | | 95 |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204 | 98384 | 29.24 | ng | # | 83 |
| 61) 4-Nitroaniline | 10.41 | 138 | 53045 | 31.98 | ng | | 96 |
| 62) Azobenzene | 10.53 | 77 | 224138 | 33.99 | ng | | 91 |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 29973 | 31.39 | ng | | 82 |
| 65) n-Nitrosodiphenylamine | 10.50 | 169 | 216961 | 35.38 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.86 | 248 | 64323 | 32.28 | ng | # | 83 |
| 67) Hexachlorobenzene | 10.93 | 284 | 67915 | 31.13 | ng | # | 78 |
| 68) Atrazine | 11.02 | 200 | 59021 | 31.96 | ng | | 100 |
| 69) Pentachlorophenol | 11.14 | 266 | 45816 | 65.41 | ng | | 98 |
| 70) Phenanthrene | 11.34 | 178 | 338383 | 33.18 | ng | | 99 |
| 71) Anthracene | 11.40 | 178 | 328482 | 30.81 | ng | | 98 |
| 72) Carbazole | 11.55 | 167 | 303365 | 33.44 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.88 | 149 | 382502 | 32.73 | ng | # | 98 |
| 74) Fluoranthene | 12.53 | 202 | 359672 | 31.14 | ng | | 95 |
| 76) Benzidine | 12.65 | 184 | 107828 | 23.72 | ng | | 99 |
| 77) Pyrene | 12.76 | 202 | 364679 | 31.60 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.38 | 149 | 155448 | 32.54 | ng | # | 74 |
| 80) Benzo(a)anthracene | 13.95 | 228 | 274504 | 33.36 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.91 | 252 | 47528 | 19.07 | ng | # | 98 |
| 82) Chrysene | 13.99 | 228 | 258256 | 34.04 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149 | 207734 | 33.65 | ng | # | 96 |
| 84) Di-n-octyl phthalate | 14.55 | 149 | 313283 | 36.07 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.76 | 276 | 232508 | 30.60 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 15.00 | 252 | 439440 | 57.96 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 15.00 | 252 | 439440 | 85.53 | ng | # | 96 |
| 89) Benzo(a)pyrene | 15.32 | 252 | 207048 | 33.15 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.76 | 278 | 193906 | 31.81 | ng | | 100 |
| 91) Benzo(g,h,i)perylene | 17.19 | 276 | 195123 | 31.36 | ng | | 97 |

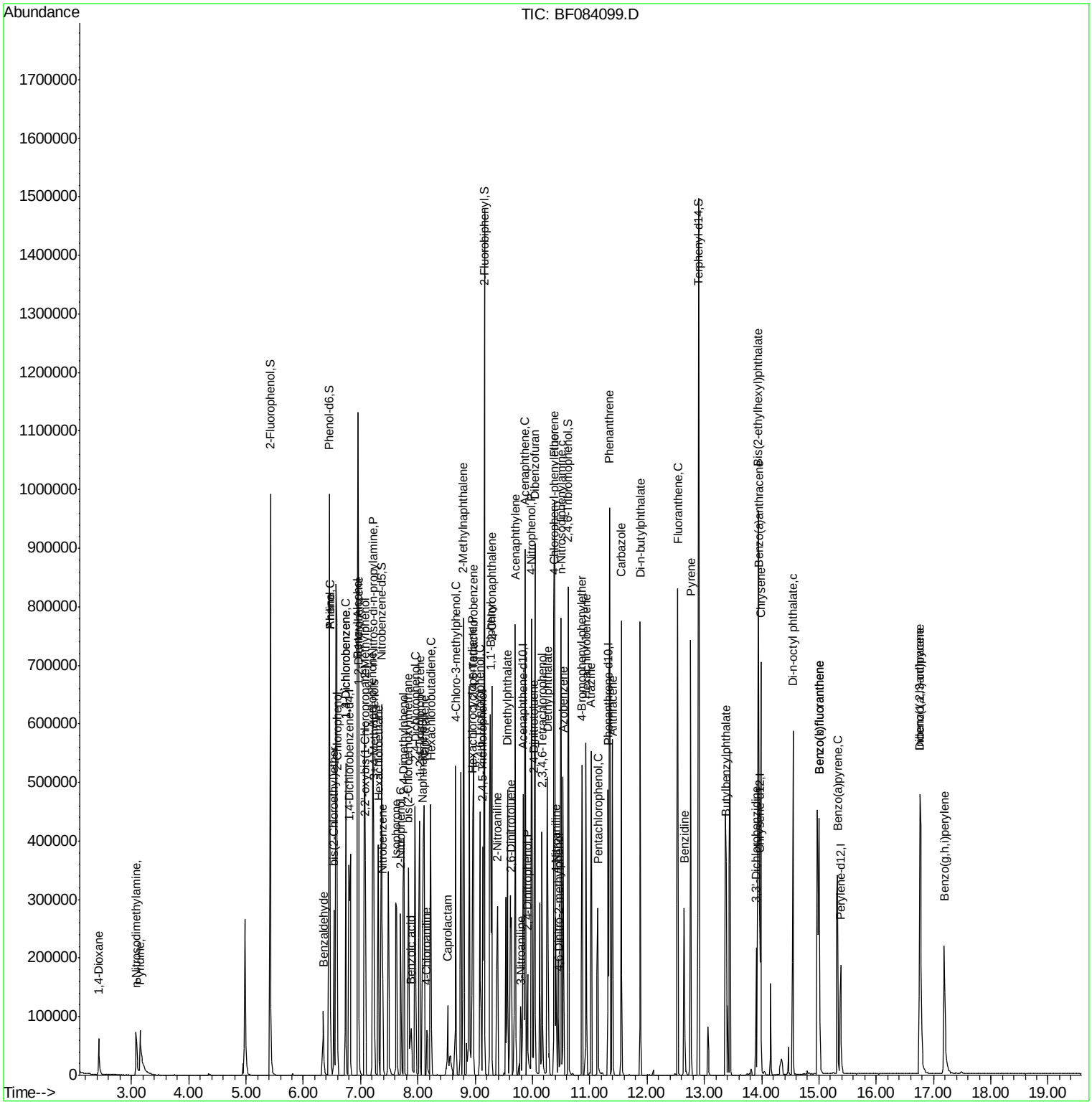
(#) = qualifier out of range (m) = manual integration (+) = signals summed

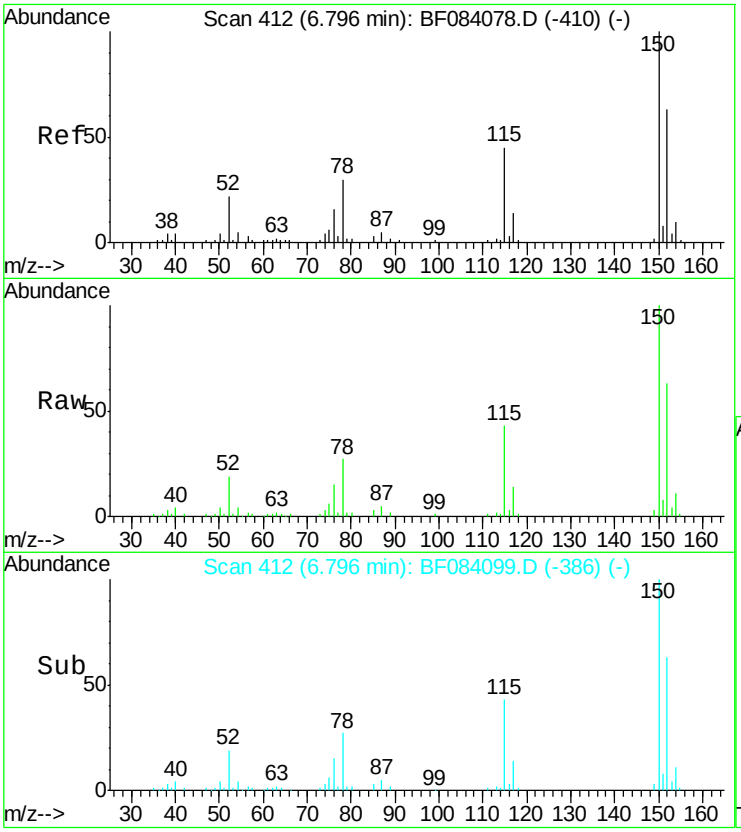
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084099.D
Acq On : 25 Dec 2015 00:46
Operator : UM/SJ
Sample : PB87558BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Quant Time: Dec 25 05:48:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration



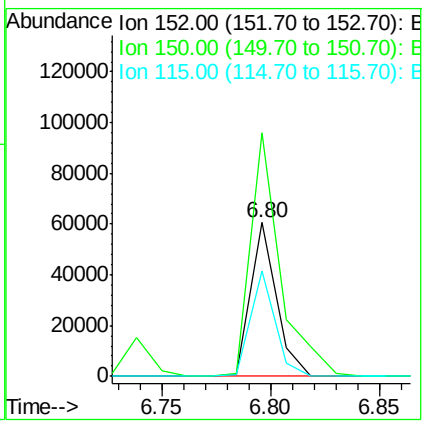


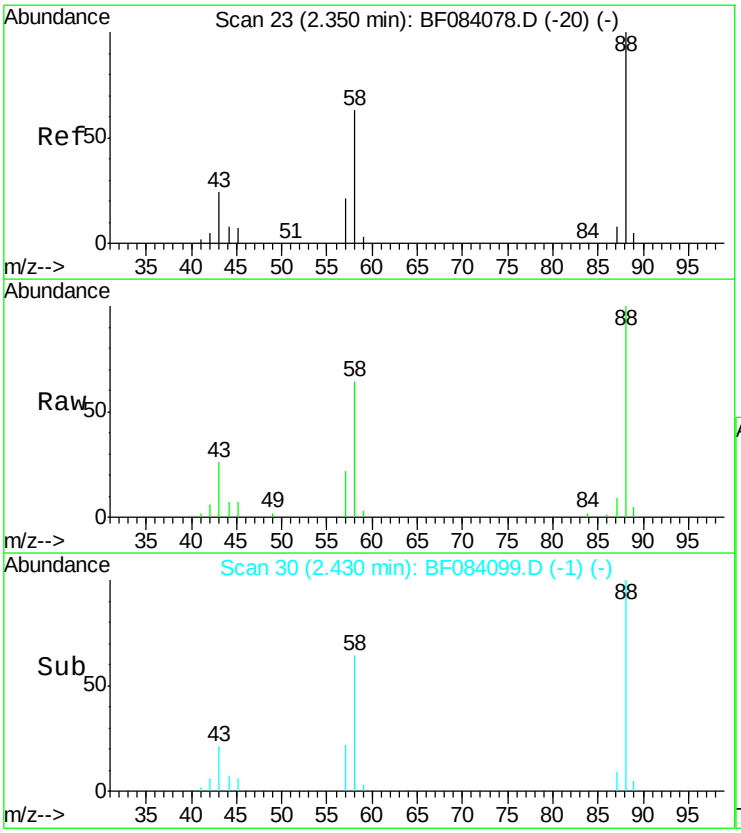

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:152 Resp: 49626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.3 | 123.0 | 184.4 |
| 115 | 68.4 | 51.4 | 77.2 |

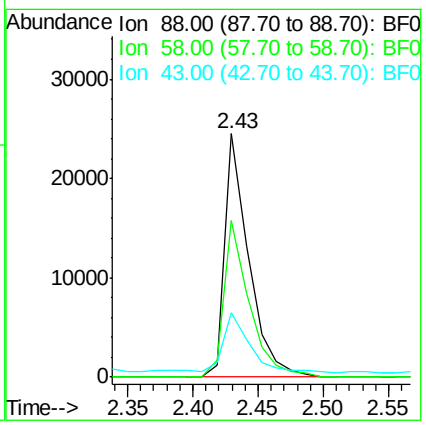


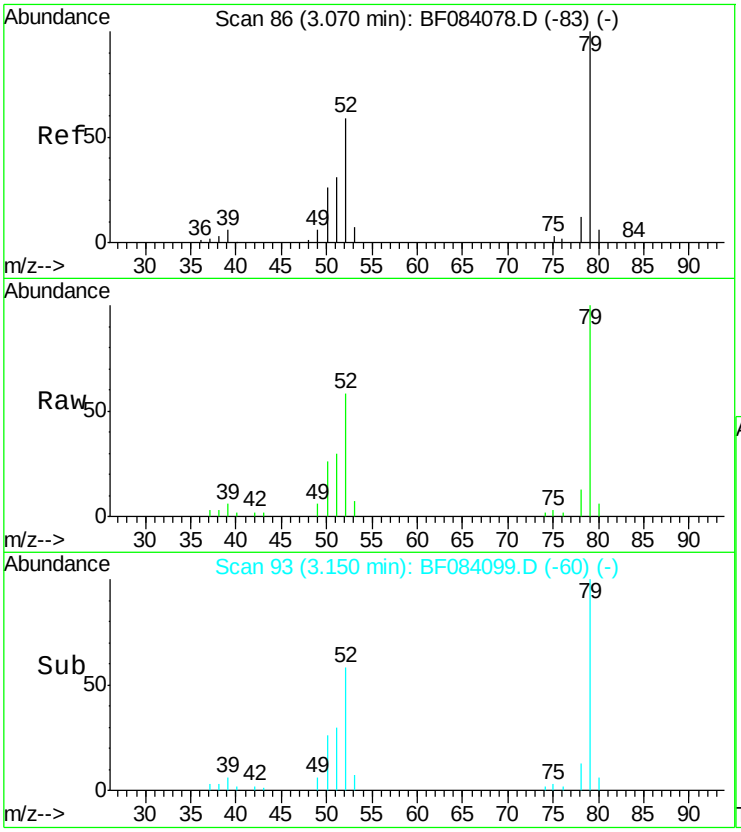




#2
1,4-Dioxane
Concen: 26.26 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.08 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion: 88 Resp: 31508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.8 | 51.2 | 76.8 |
| 43 | 29.3 | 19.5 | 29.3# |



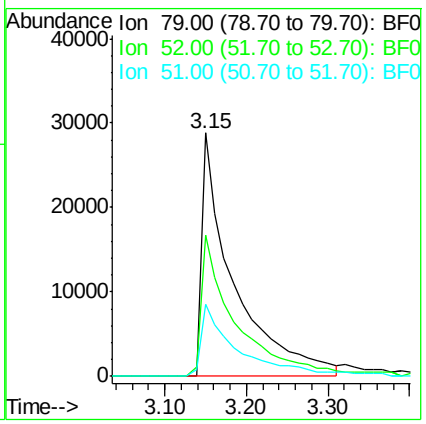


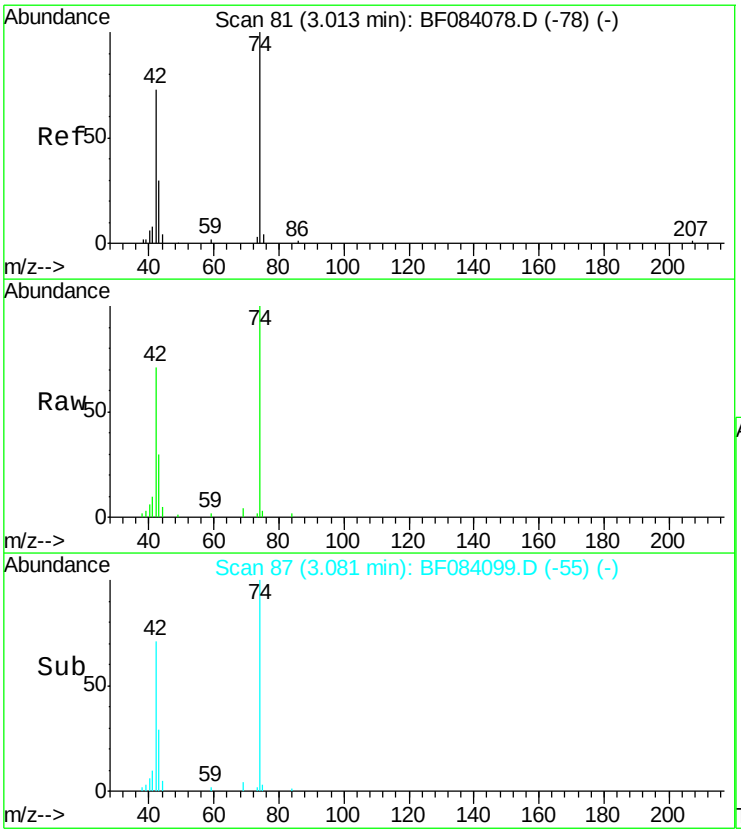

#3
Pyridine
Concen: 26.89 ng
RT: 3.15 min Scan# 93
Delta R.T. 0.08 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion: 79 Resp: 78786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 58.2 | 49.0 | 73.4 |
| 51 | 29.8 | 25.2 | 37.8 |

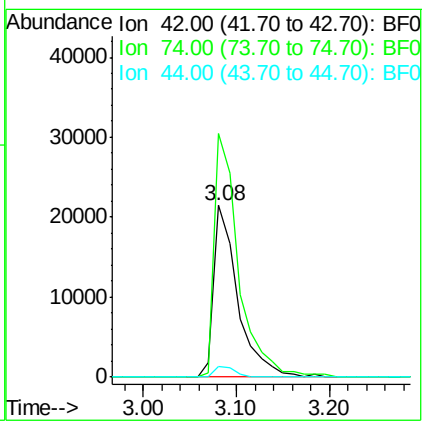


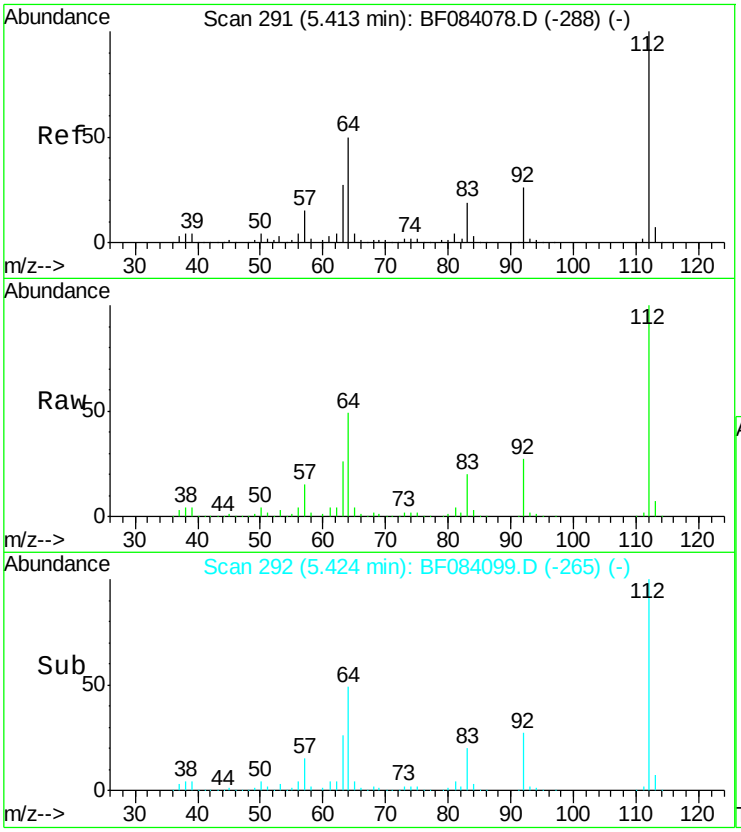




#4
n-Nitrosodimethylamine
Concen: 29.75 ng
RT: 3.08 min Scan# 87
Delta R.T. 0.07 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion: 42 Resp: 38408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 141.8 | 115.7 | 173.5 |
| 44 | 6.4 | 5.1 | 7.7 |



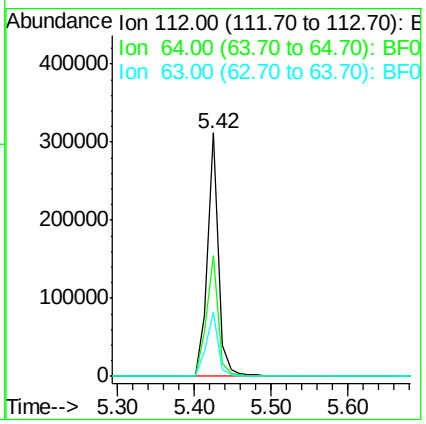


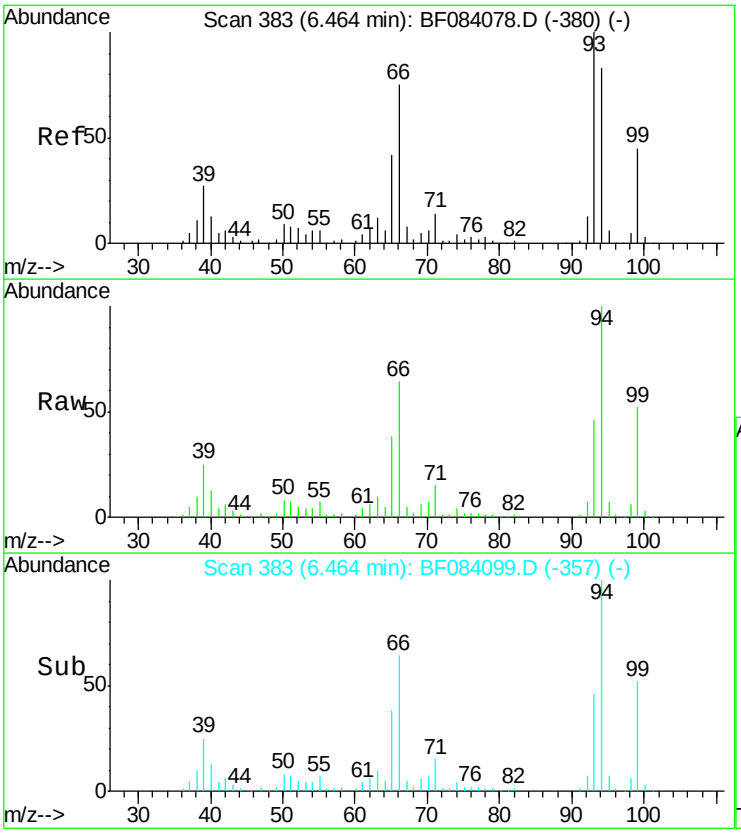

#5
2-Fluorophenol
Concen: 105.22 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:112 Resp: 307990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.5 | 36.6 | 55.0 |
| 63 | 26.4 | 19.4 | 29.0 |

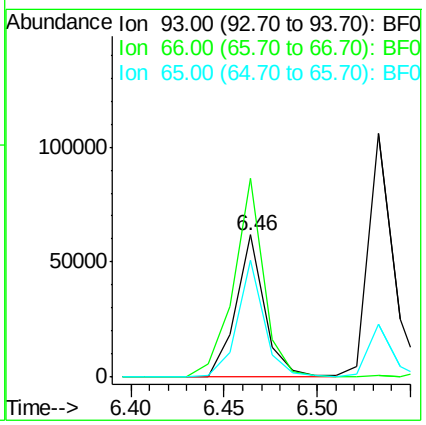


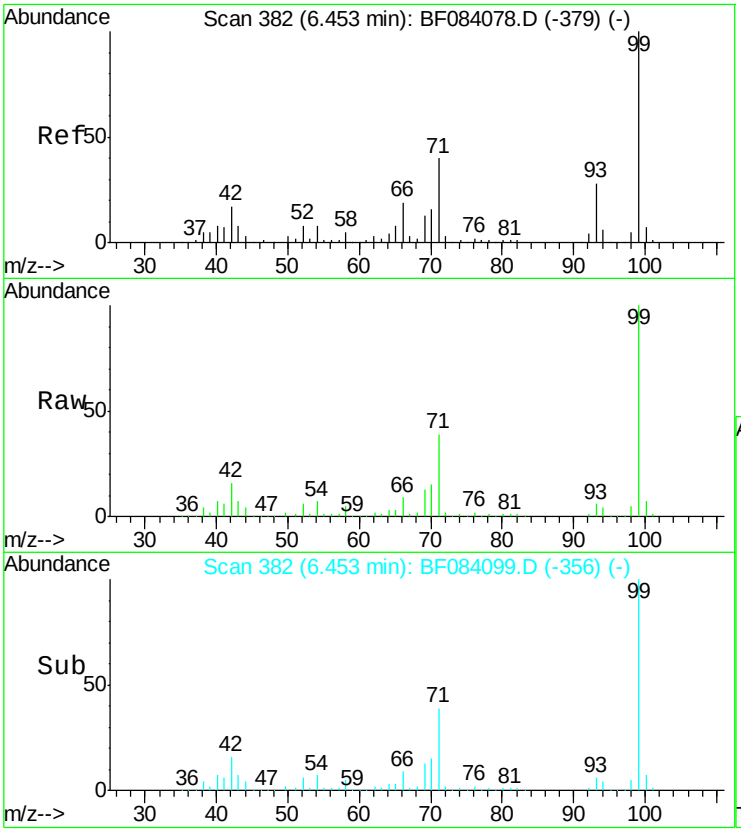




#6
Aniline
Concen: 14.68 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion: 93 Resp: 67234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 139.8 | 44.9 | 67.3# |
| 65 | 82.5 | 23.7 | 35.5# |



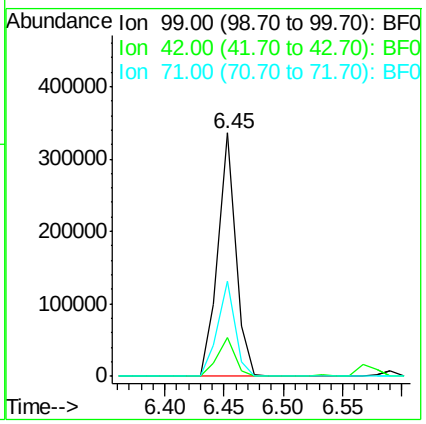


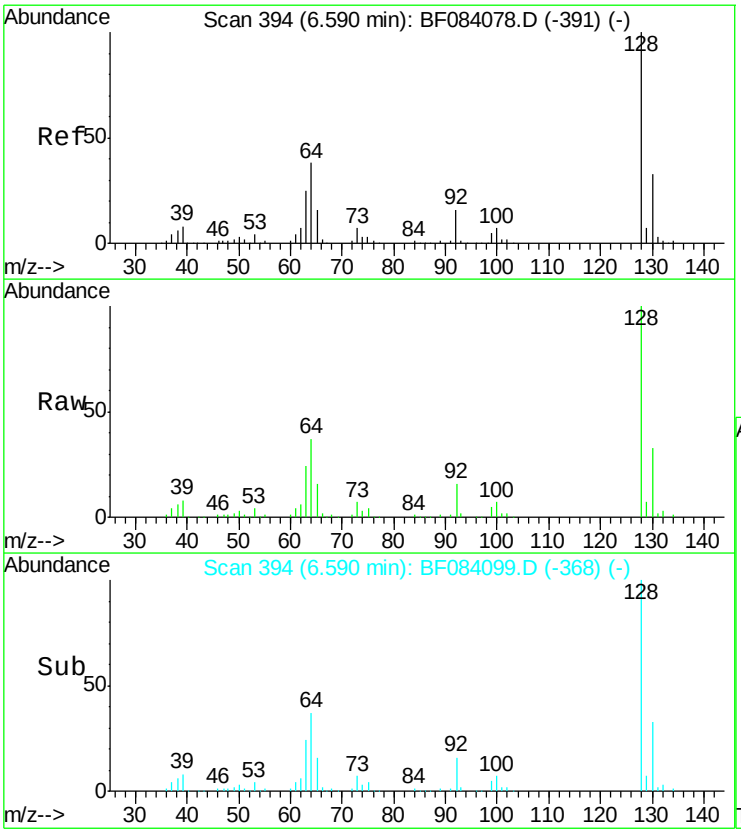

#7
Phenol-d6
Concen: 96.47 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion: 99 Resp: 349402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.2 | 12.8 | 19.2 |
| 71 | 39.2 | 30.9 | 46.3 |

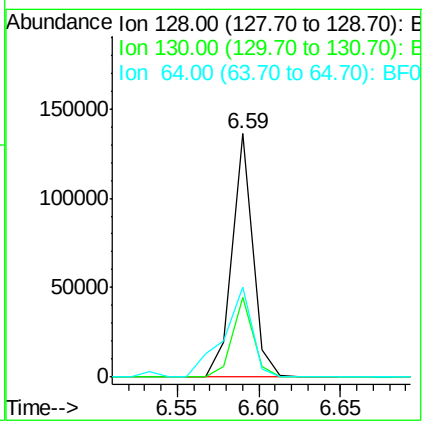


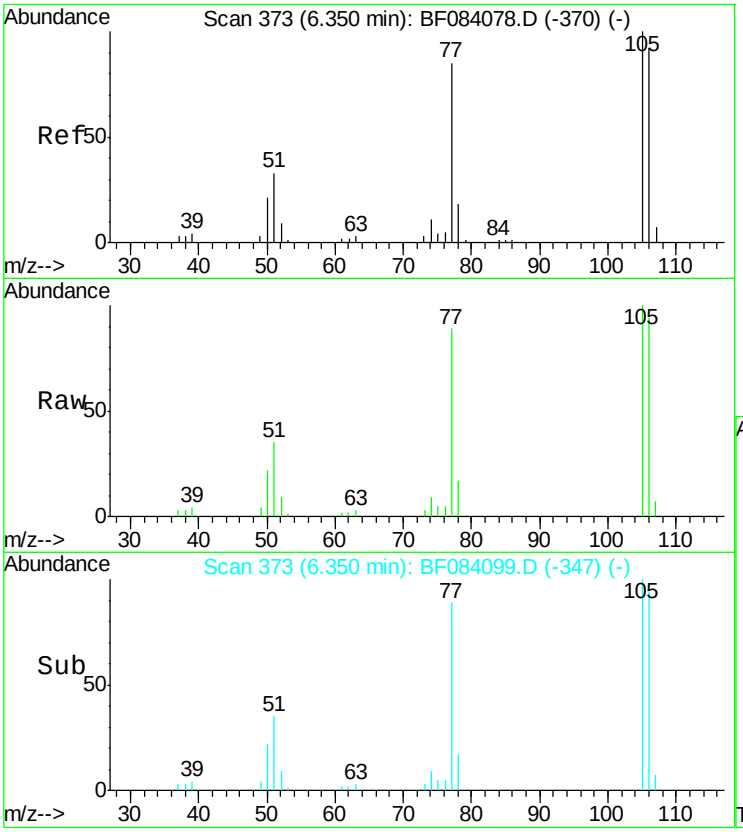




#8
2-Chlorophenol
Concen: 32.50 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:128 Resp: 118147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 11.6 | 51.6 |
| 64 | 37.1 | 23.8 | 63.8 |



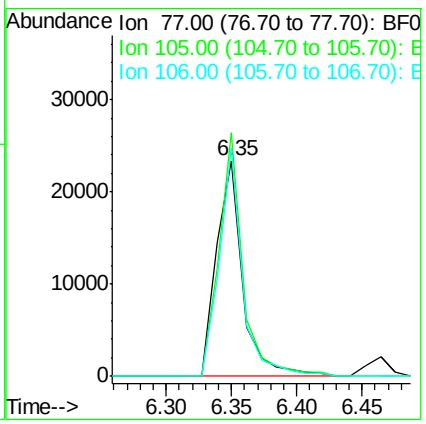


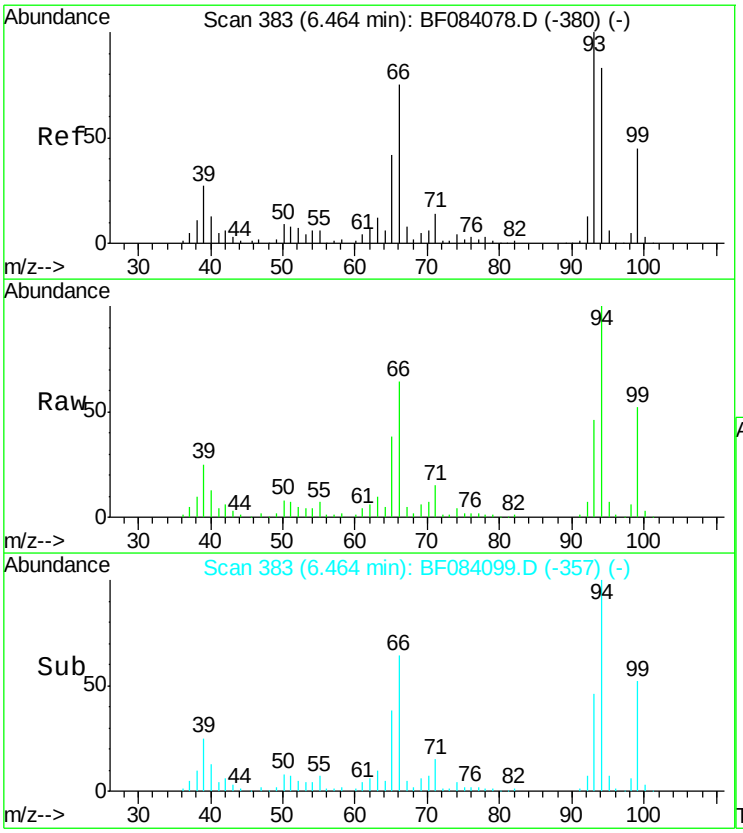

#9
Benzaldehyde
Concen: 16.90 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion: 77 Resp: 32729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 112.9 | 83.0 | 123.0 |
| 106 | 105.8 | 74.6 | 114.6 |

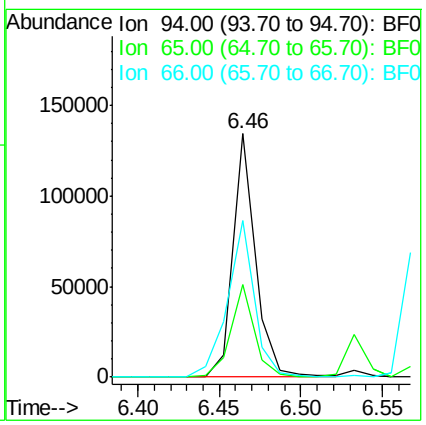


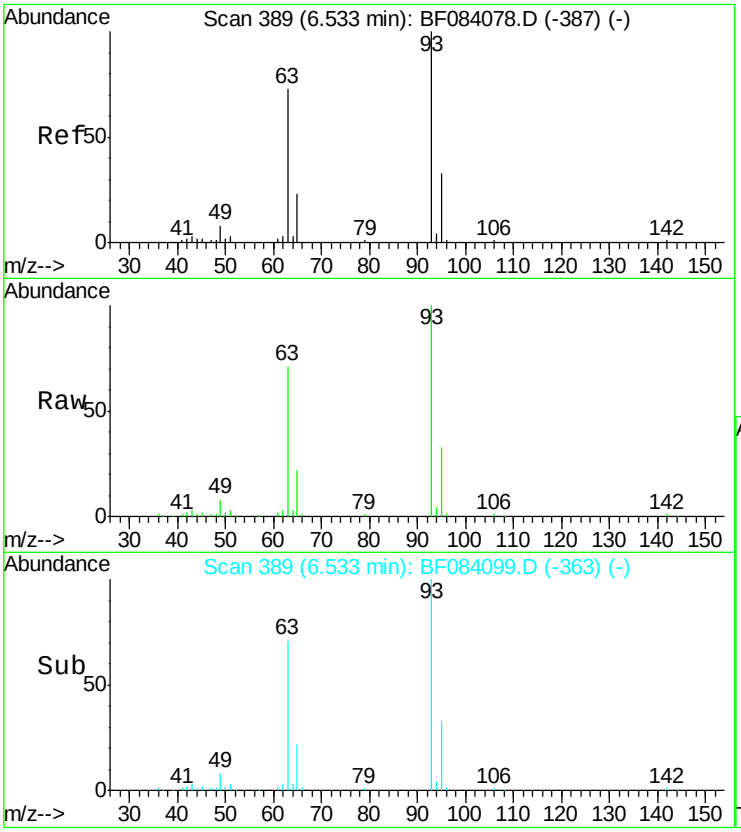




#10
Phenol
Concen: 30.63 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion: 94 Resp: 126896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 37.9 | 12.9 | 52.9 |
| 66 | 64.2 | 32.7 | 72.7 |



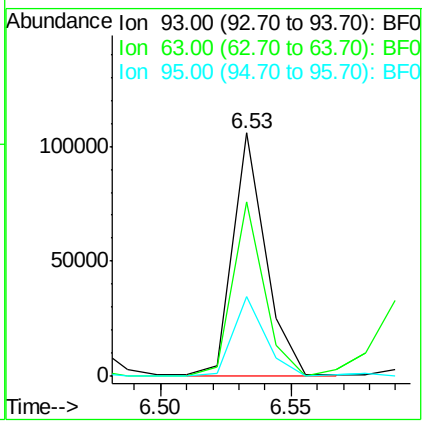


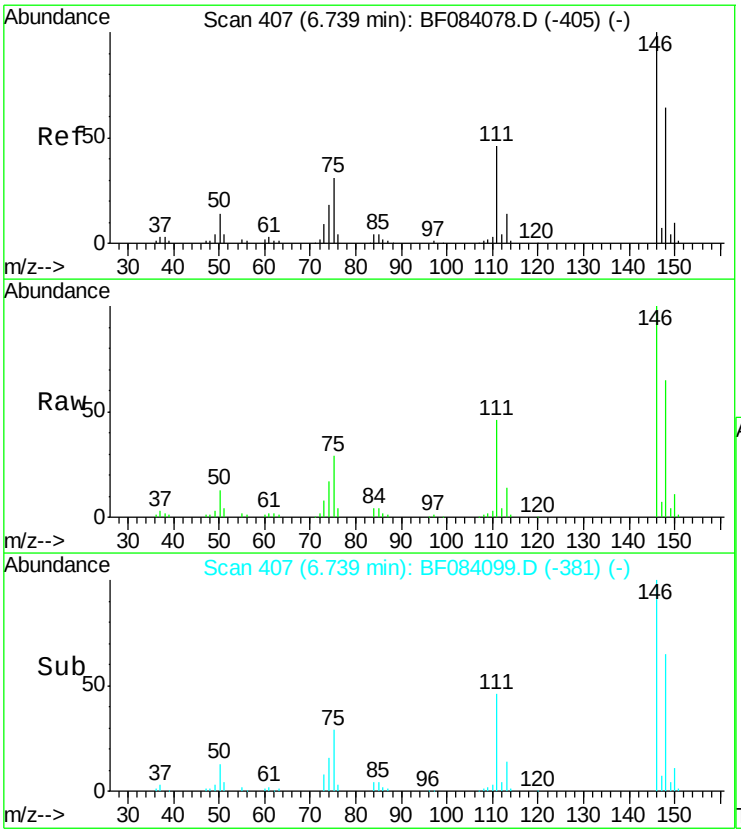

#11
bis(2-Chloroethyl)ether
Concen: 31.41 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion: 93 Resp: 93831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.5 | 45.9 | 85.9 |
| 95 | 32.5 | 12.3 | 52.3 |

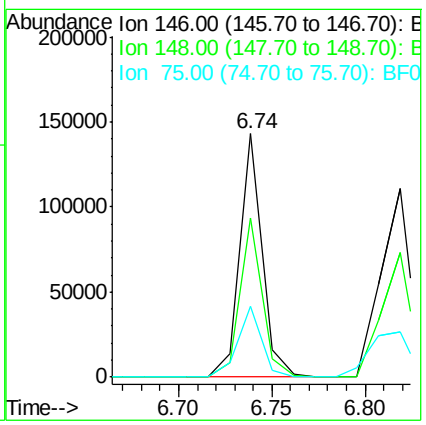


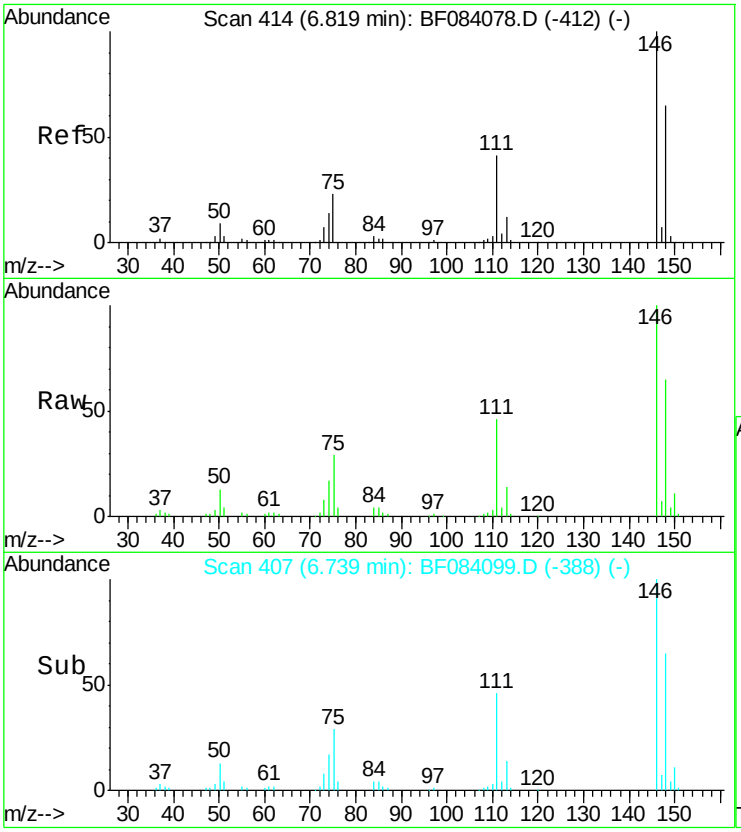




#12
1,3-Dichlorobenzene
Concen: 30.20 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:146 Resp: 119862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 51.9 | 77.9 |
| 75 | 29.3 | 20.5 | 30.7 |



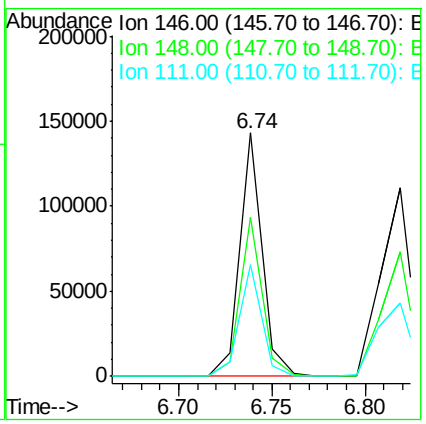


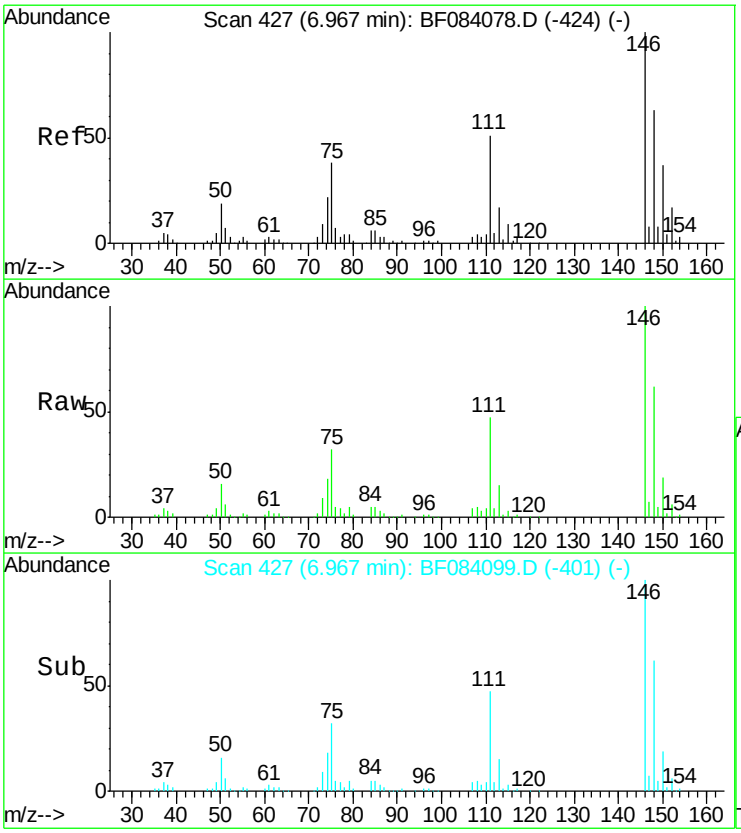

#13
1,4-Dichlorobenzene
Concen: 30.01 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.08 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:146 Resp: 119862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 51.9 | 77.9 |
| 111 | 46.1 | 41.6 | 62.4 |

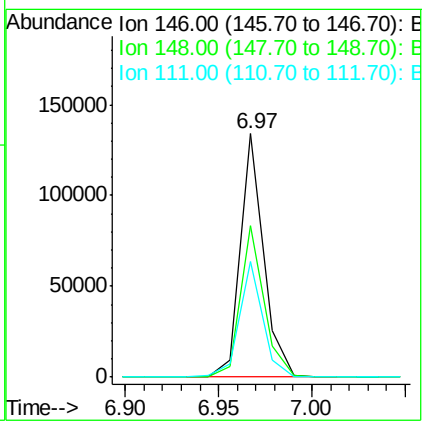


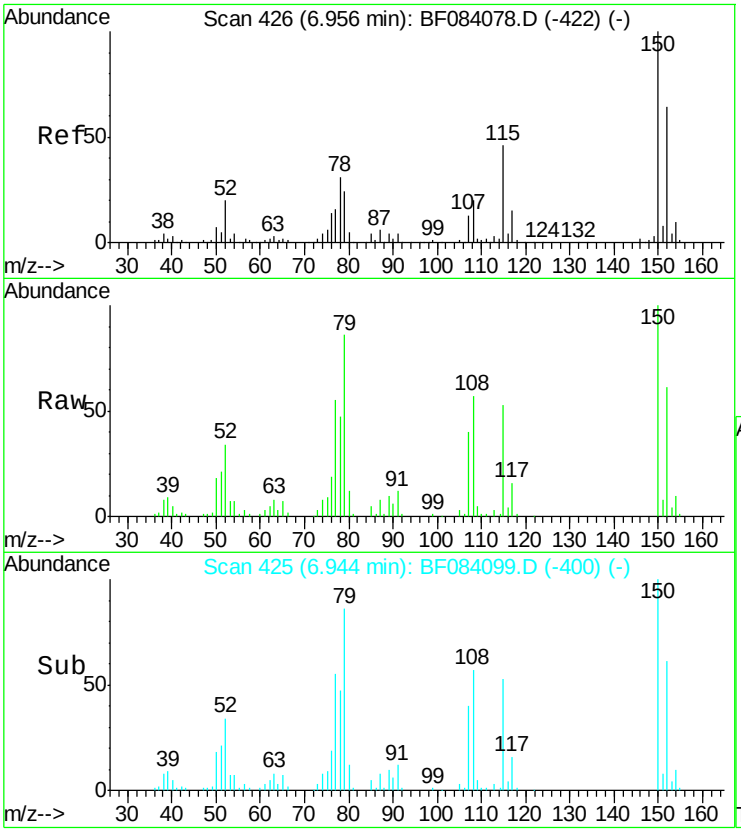




#14
1,2-Dichlorobenzene
Concen: 31.66 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:146 Resp: 116497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.1 | 51.6 | 77.4 |
| 111 | 47.3 | 38.0 | 57.0 |



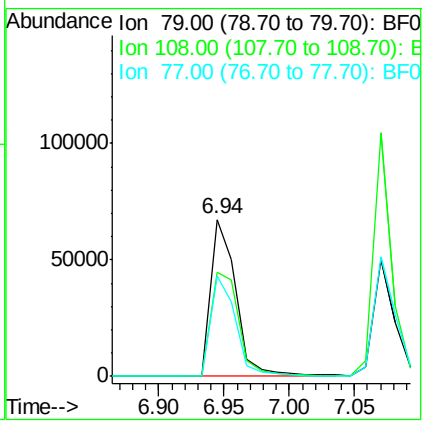


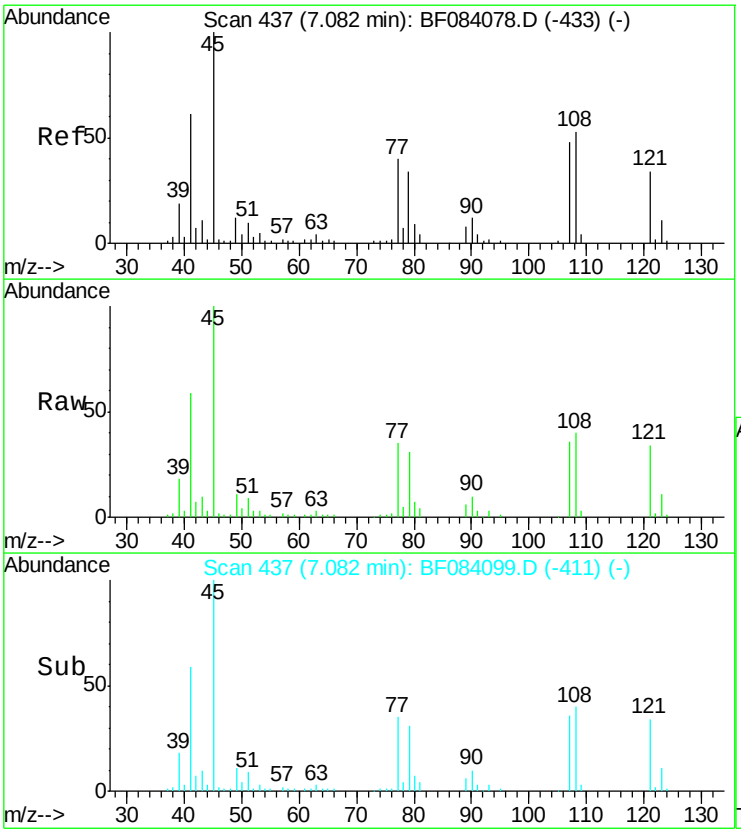

#15
Benzyl Alcohol
Concen: 33.08 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion: 79 Resp: 90744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 66.2 | 69.0 | 103.4# |
| 77 | 63.8 | 50.0 | 75.0 |

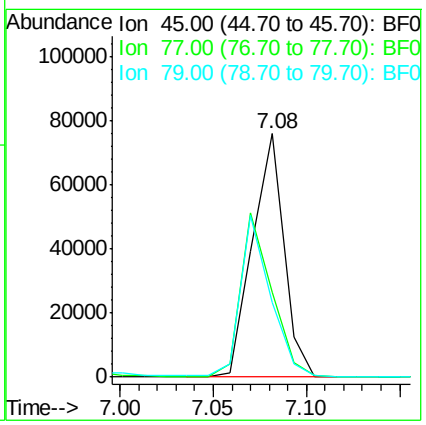


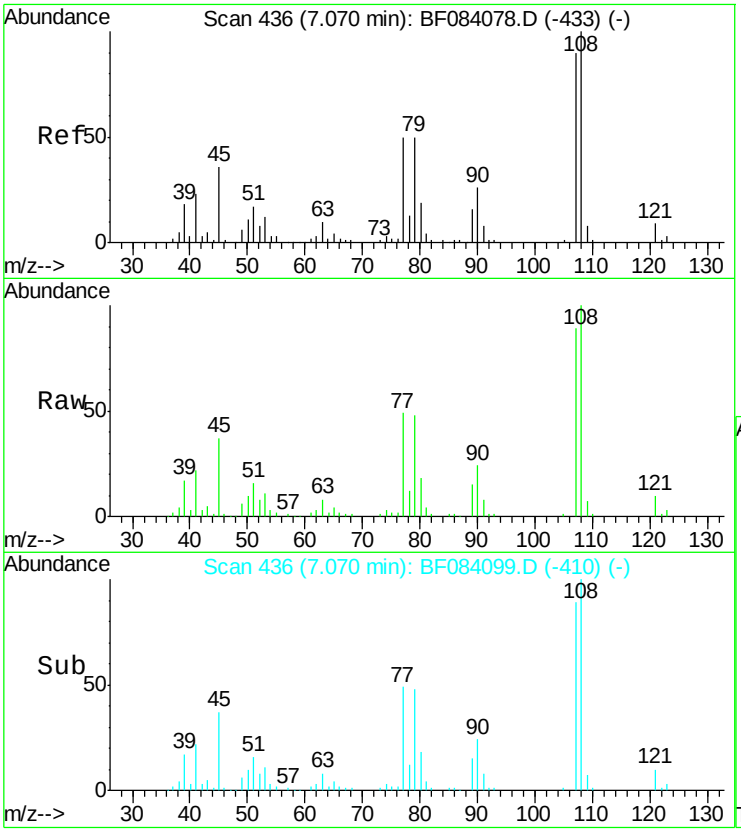




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.22 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion: 45 Resp: 88192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 35.0 | 0.0 | 39.6 |
| 79 | 30.6 | 0.0 | 35.0 |



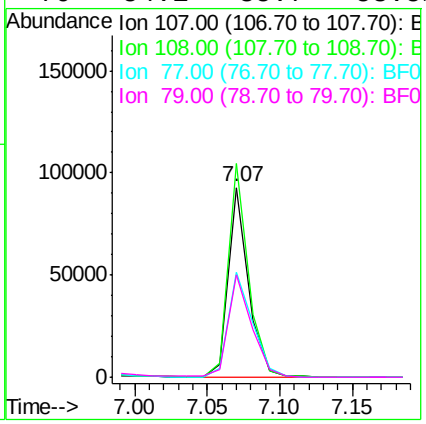


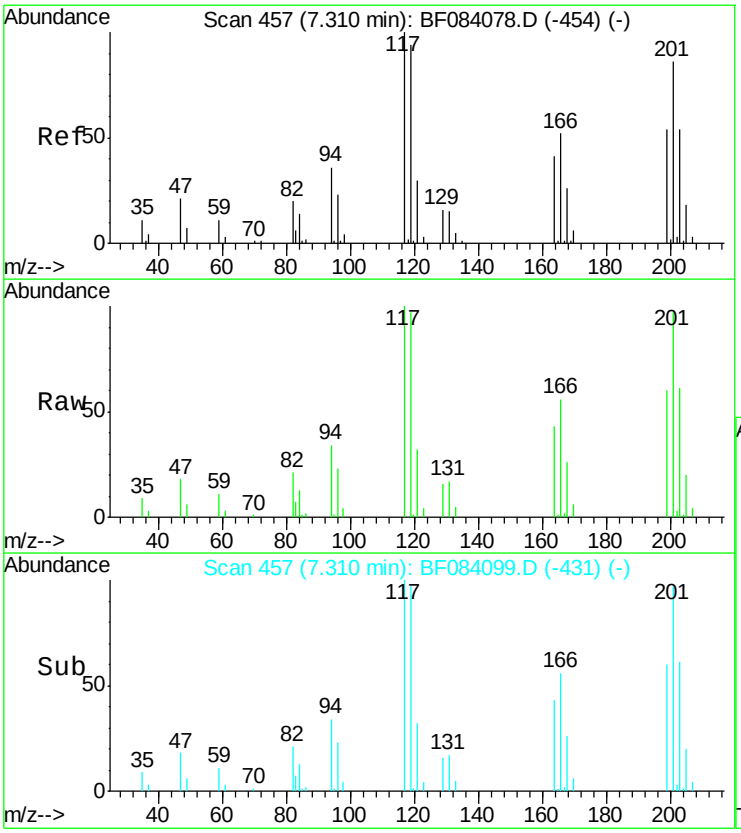

#17
2-Methylphenol
Concen: 32.18 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:107 Resp: 89822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.7 | 89.8 | 134.6 |
| 77 | 55.3 | 35.7 | 53.5# |
| 79 | 54.1 | 35.7 | 53.5# |

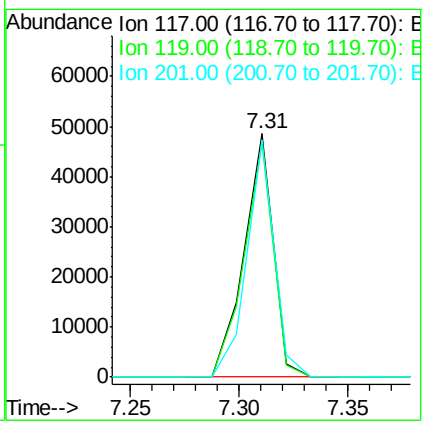


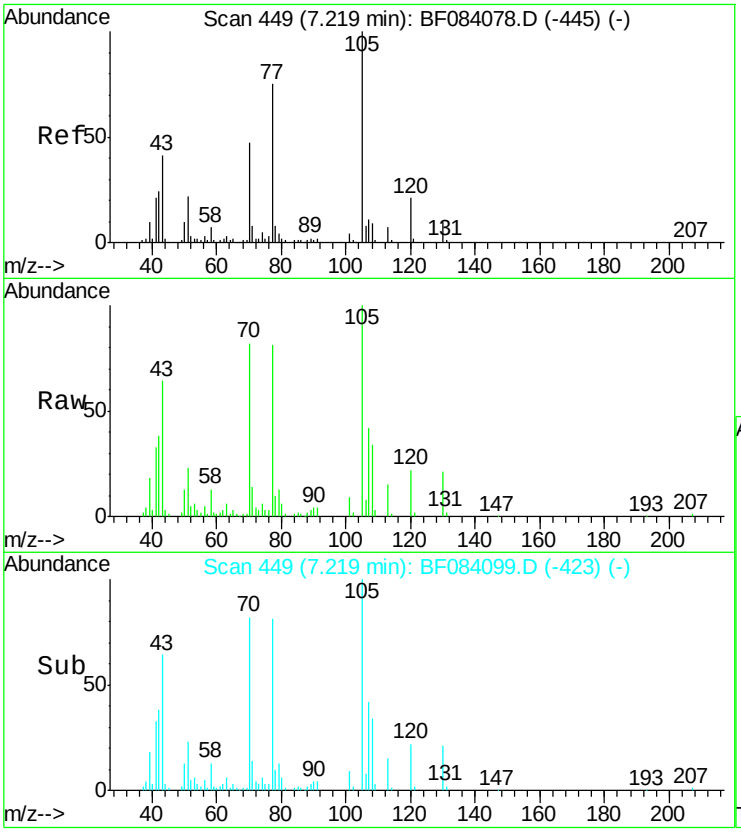




#18
Hexachloroethane
Concen: 31.11 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:117 Resp: 45344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.6 | 77.4 | 116.0 |
| 201 | 97.3 | 68.6 | 103.0 |



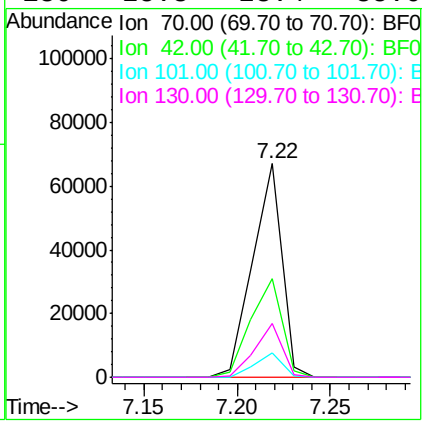


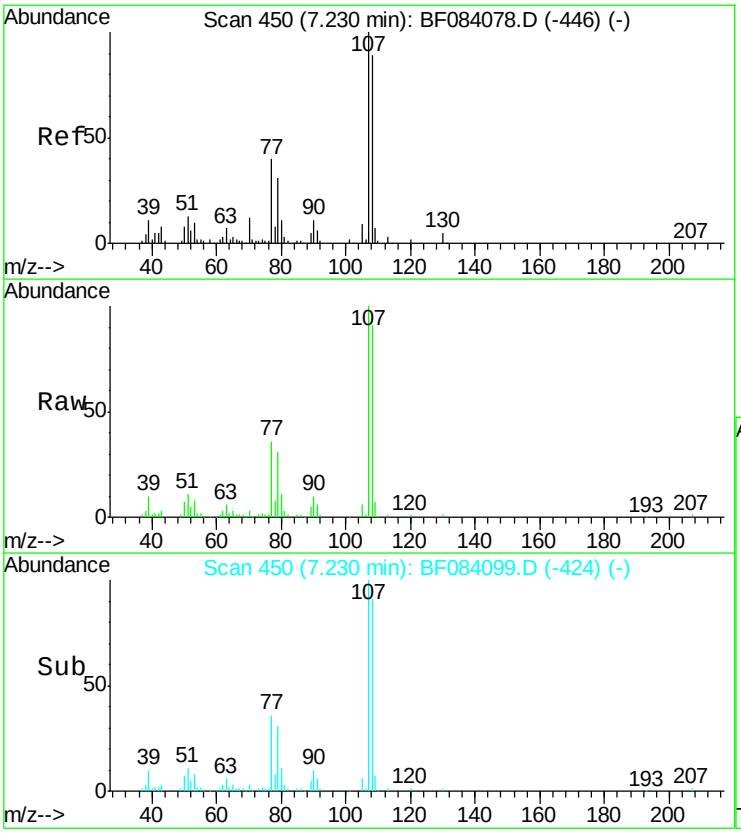

#19
n-Nitroso-di-n-propylamine
Concen: 32.56 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion: 70 Resp: 72649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.4 | 33.3 | 49.9 |
| 101 | 11.4 | 9.3 | 13.9 |
| 130 | 25.3 | 23.4 | 35.0 |

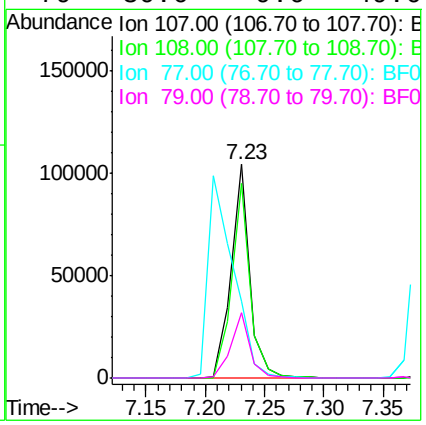


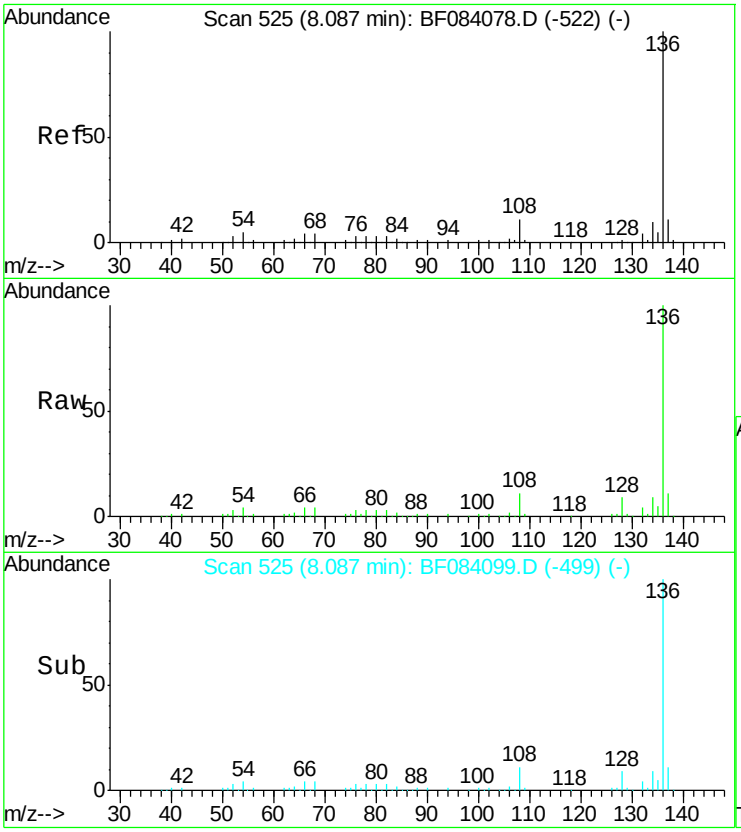




#20
3+4-Methylphenols
Concen: 32.24 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:107 Resp: 114802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.1 | 64.1 | 104.1 |
| 77 | 35.8 | 128.9 | 168.9# |
| 79 | 30.6 | 9.6 | 49.6 |



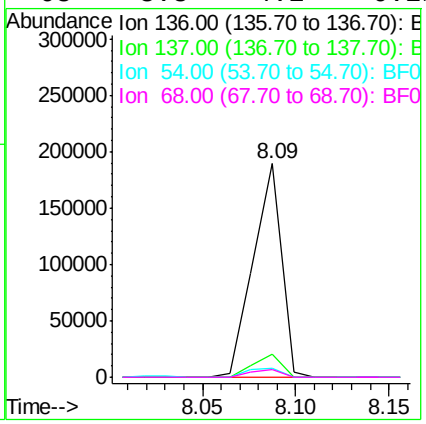


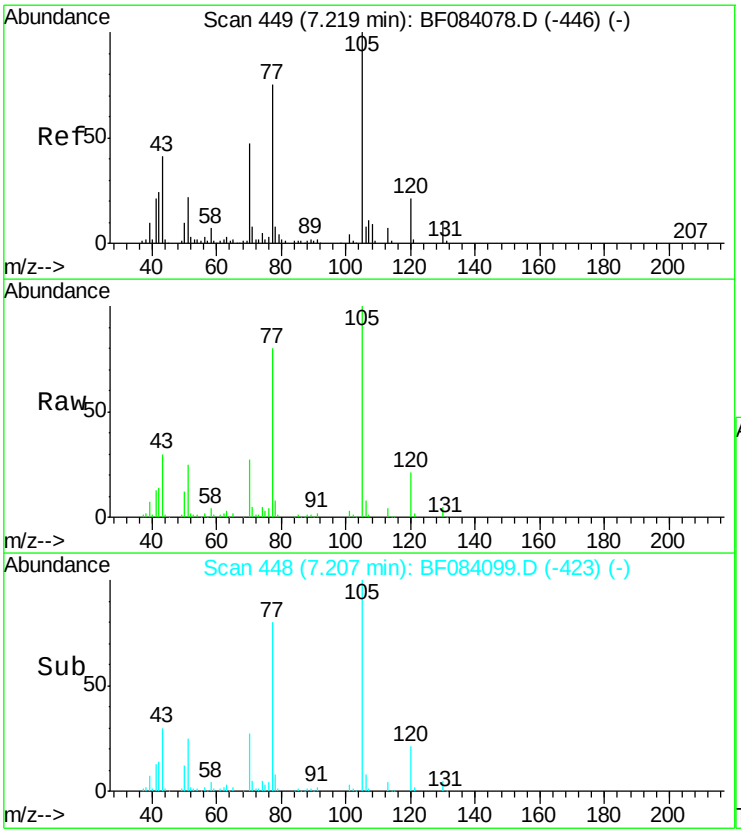

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:136 Resp: 198843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.7 | 13.1 |
| 54 | 4.4 | 5.8 | 8.8# |
| 68 | 3.8 | 4.2 | 6.2# |

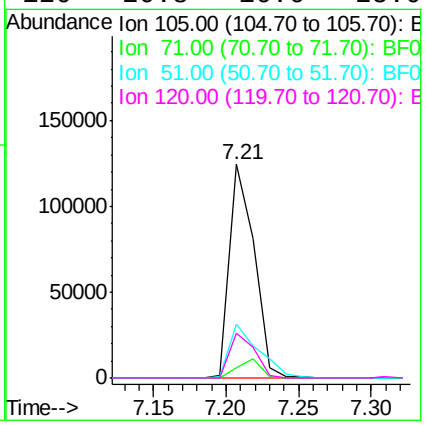


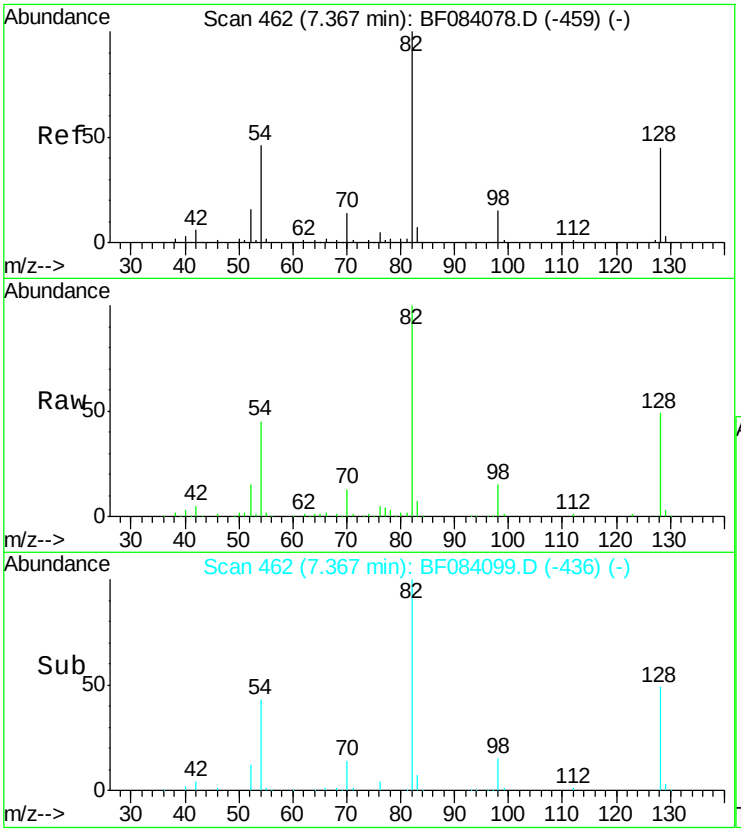




#22
Acetophenone
Concen: 29.59 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:105 Resp: 147007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.6 | 3.7 | 5.5 |
| 51 | 25.1 | 25.1 | 37.7# |
| 120 | 20.8 | 16.6 | 25.0 |



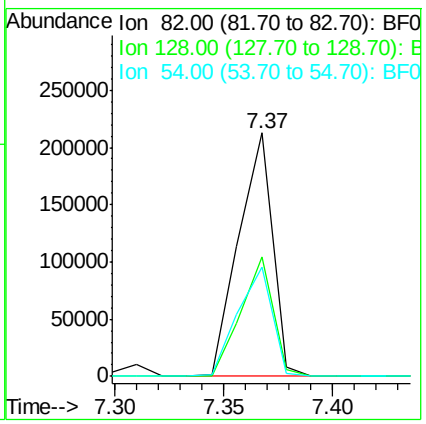


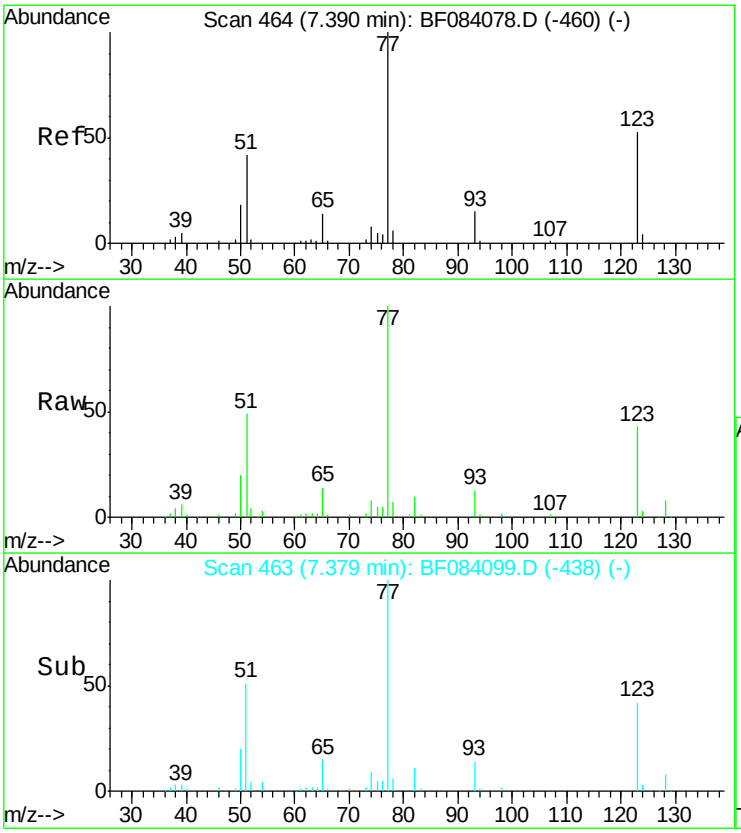

#23
Nitrobenzene-d5
Concen: 67.70 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion: 82 Resp: 229991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.8 | 34.6 | 51.8 |
| 54 | 44.8 | 38.4 | 57.6 |

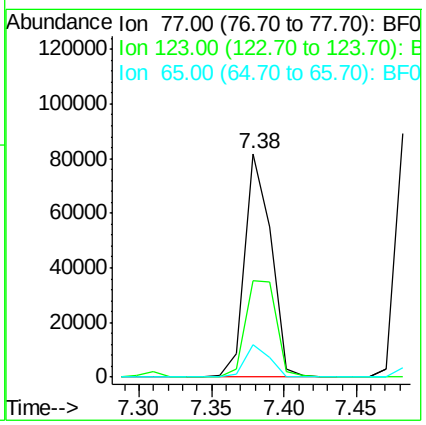


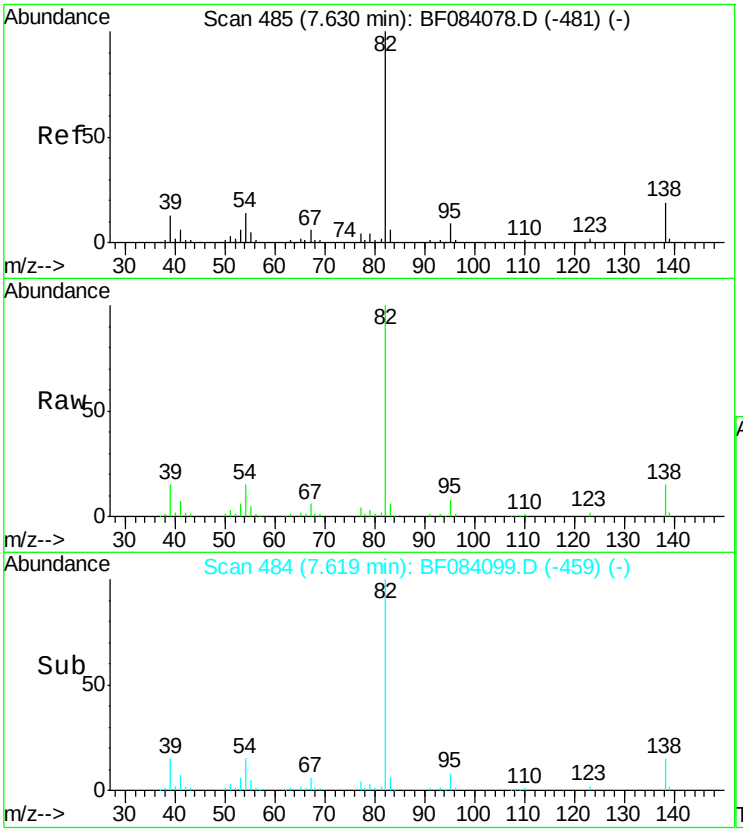




#24
Nitrobenzene
Concen: 28.45 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion: 77 Resp: 102602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 42.9 | 37.4 | 56.2 |
| 65 | 14.3 | 10.9 | 16.3 |



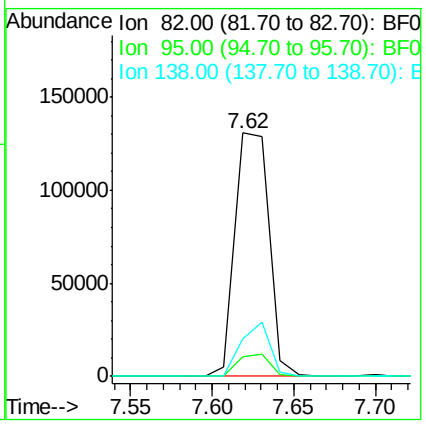


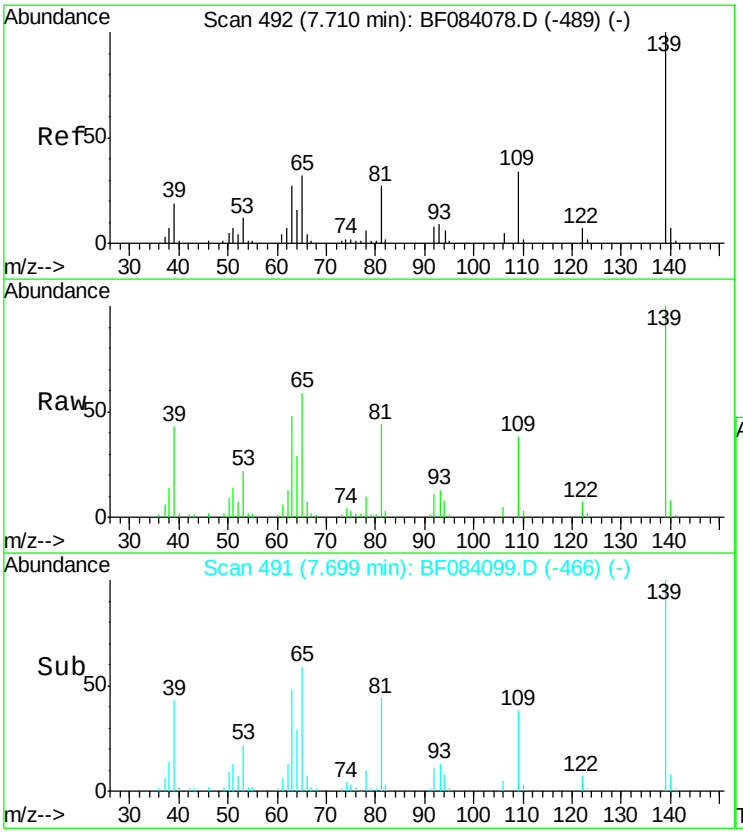

#25
Isophorone
Concen: 29.95 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion: 82 Resp: 188168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.3 | 6.6 | 10.0 |
| 138 | 15.2 | 13.6 | 20.4 |

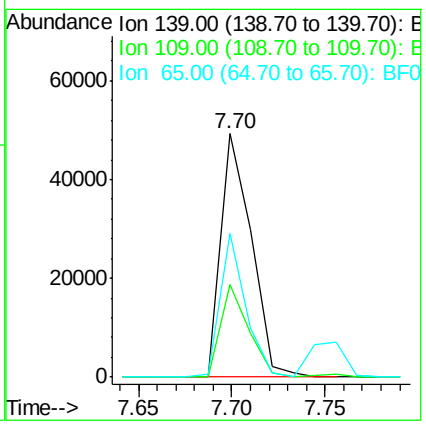


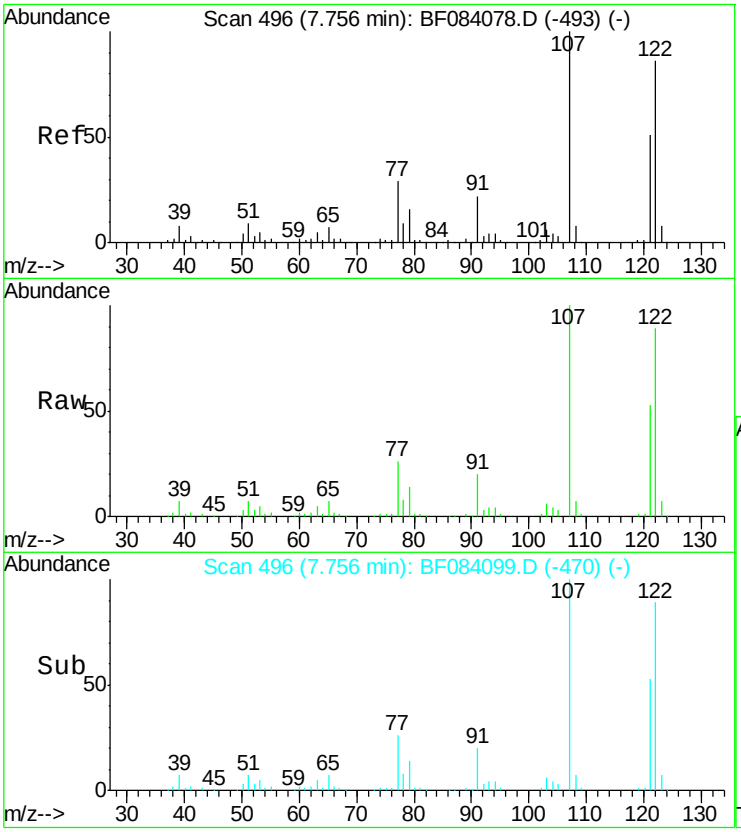




#26
2-Nitrophenol
Concen: 30.54 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:139 Resp: 56379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 38.0 | 25.4 | 38.2 |
| 65 | 59.0 | 32.3 | 48.5# |



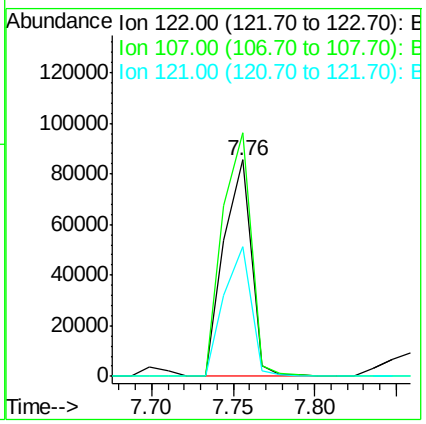


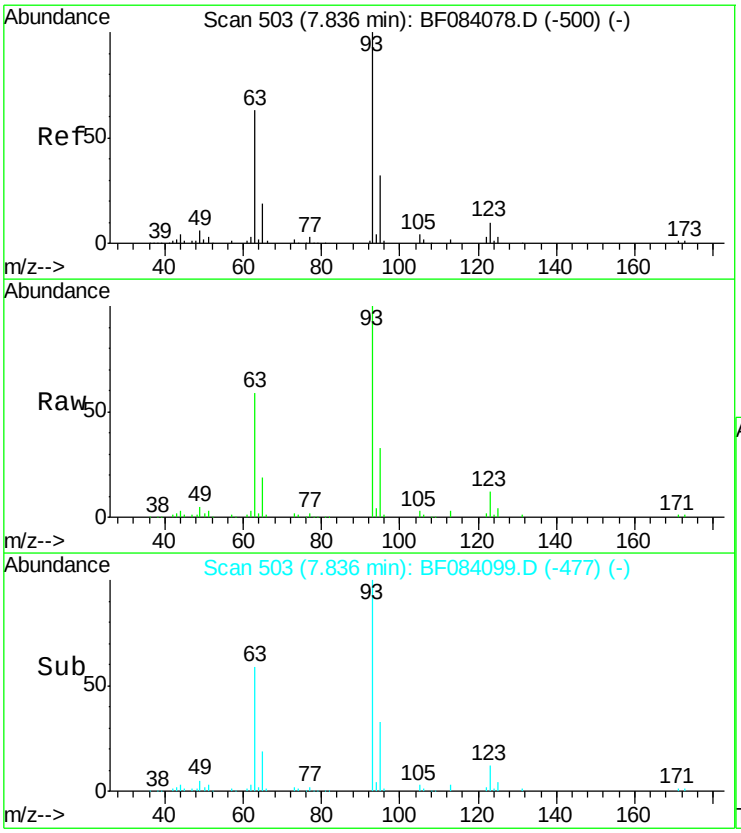

#27
2,4-Dimethylphenol
Concen: 32.40 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:122 Resp: 99276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.6 | 99.1 | 148.7 |
| 121 | 59.9 | 47.9 | 71.9 |

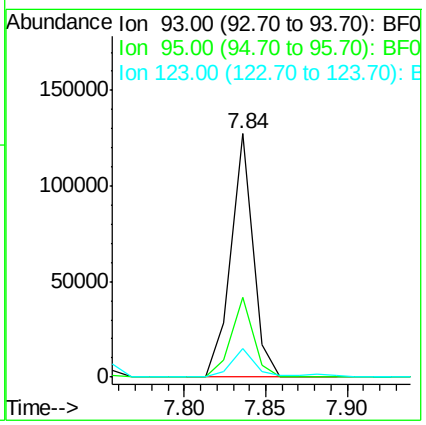


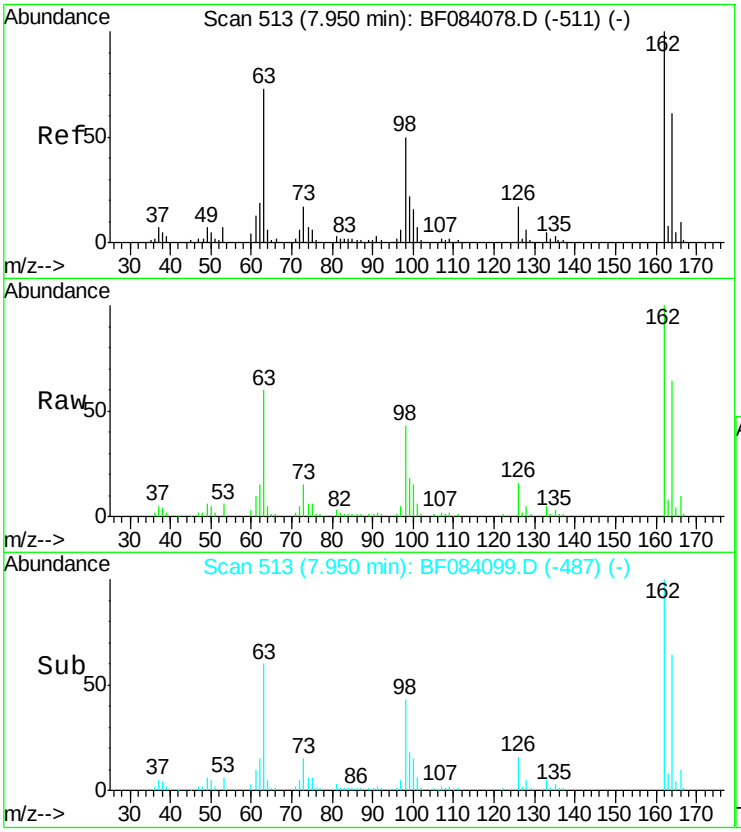




#28
bis(2-Chloroethoxy)methane
Concen: 32.46 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion: 93 Resp: 118918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 25.8 | 38.6 |
| 123 | 11.9 | 8.6 | 12.8 |



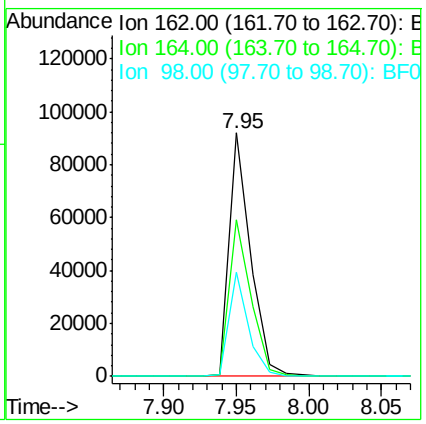


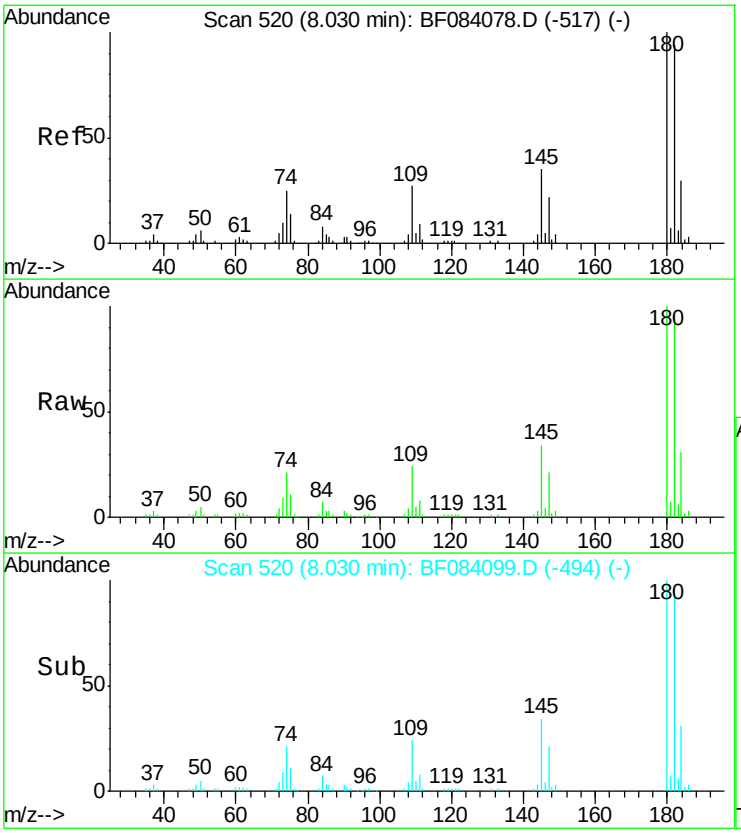

#29
2,4-Dichlorophenol
Concen: 33.01 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:162 Resp: 93940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 44.1 | 84.1 |
| 98 | 42.8 | 20.2 | 60.2 |

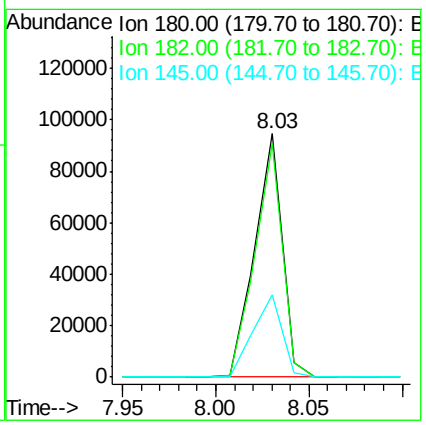


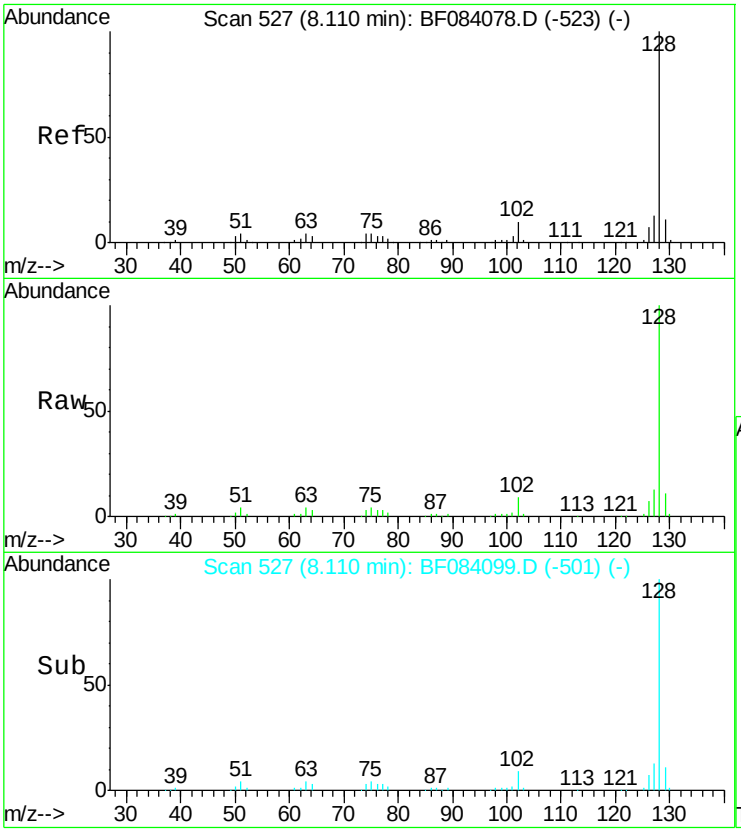




#30
1,2,4-Trichlorobenzene
Concen: 30.82 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:180 Resp: 96097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 76.4 | 114.6 |
| 145 | 33.6 | 31.6 | 47.4 |



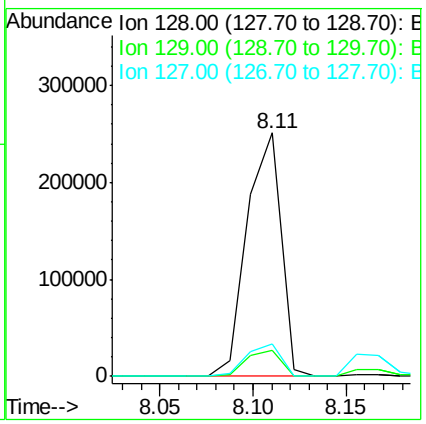


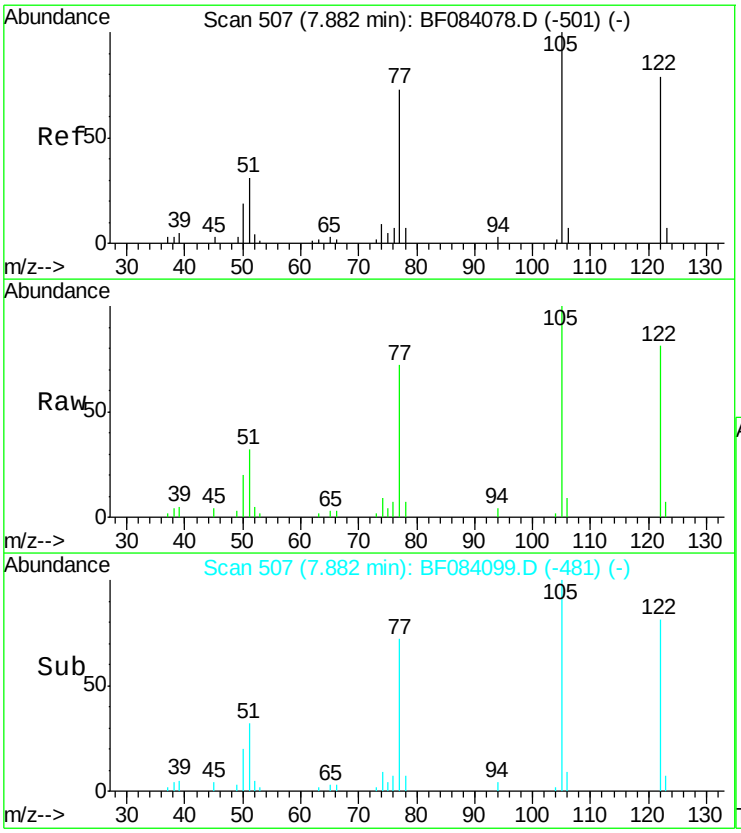

#31
Naphthalene
Concen: 30.05 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:128 Resp: 317900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 9.1 | 13.7 |
| 127 | 13.3 | 11.1 | 16.7 |

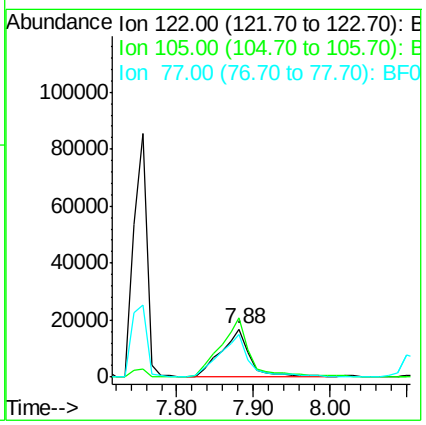


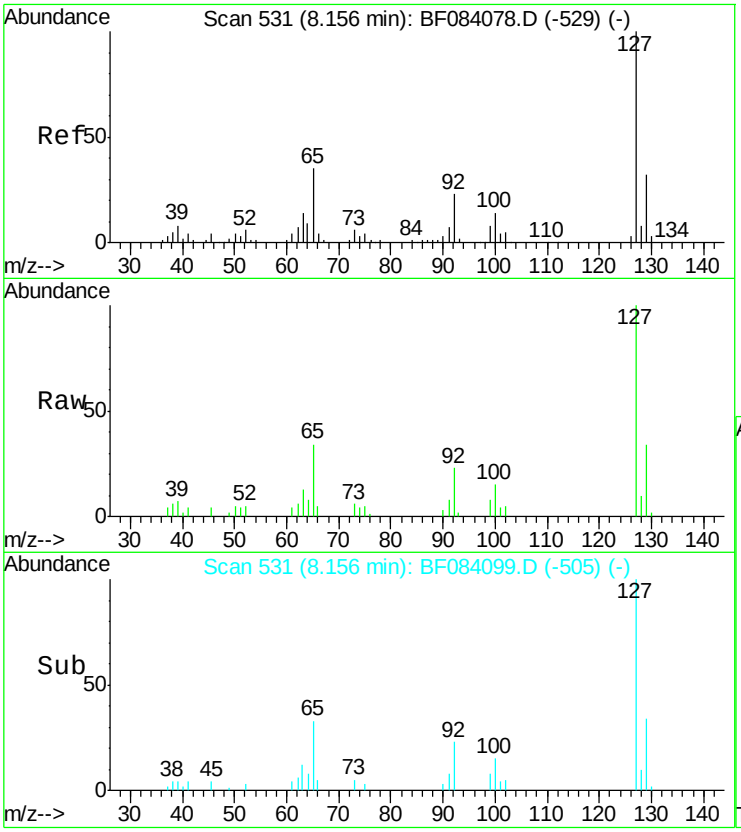




#32
Benzoic acid
Concen: 30.89 ng
RT: 7.88 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:122 Resp: 45383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.0 | 100.3 | 140.3 |
| 77 | 88.8 | 63.5 | 103.5 |



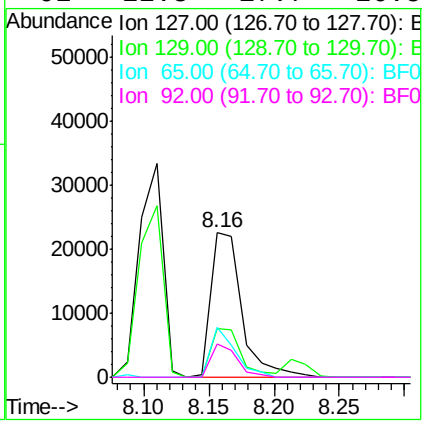


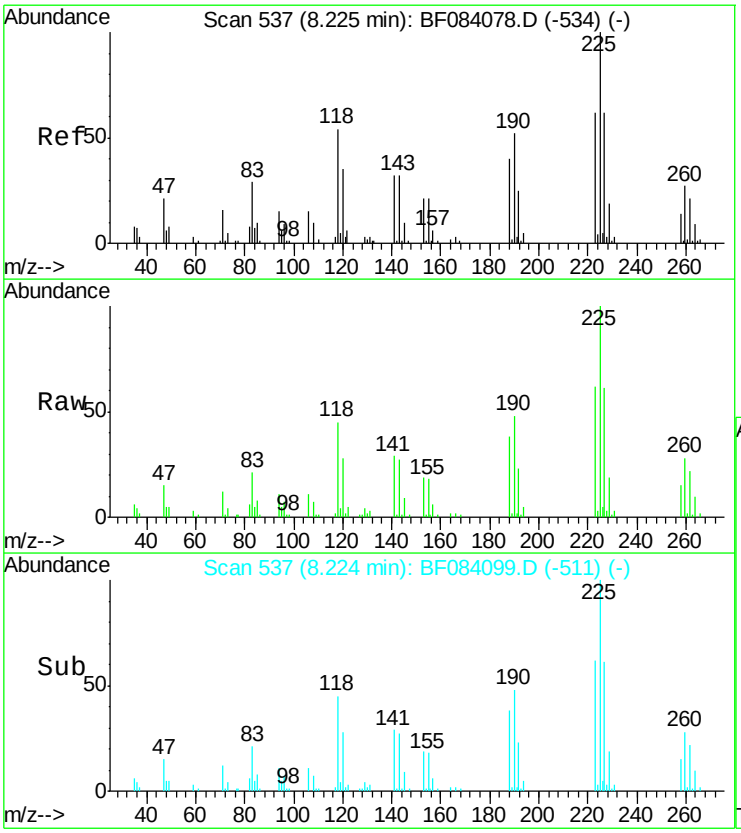

#33
4-Chloroaniline
Concen: 8.88 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:127 Resp: 37380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.9 | 26.5 | 39.7 |
| 65 | 34.4 | 27.2 | 40.8 |
| 92 | 22.8 | 17.7 | 26.5 |

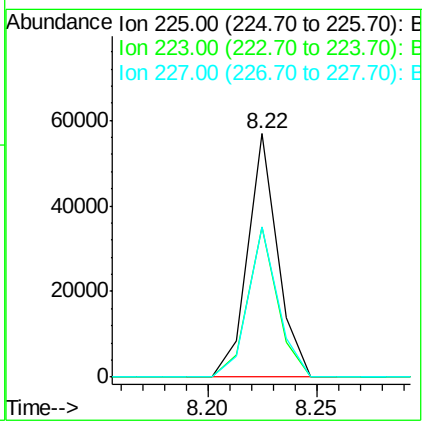


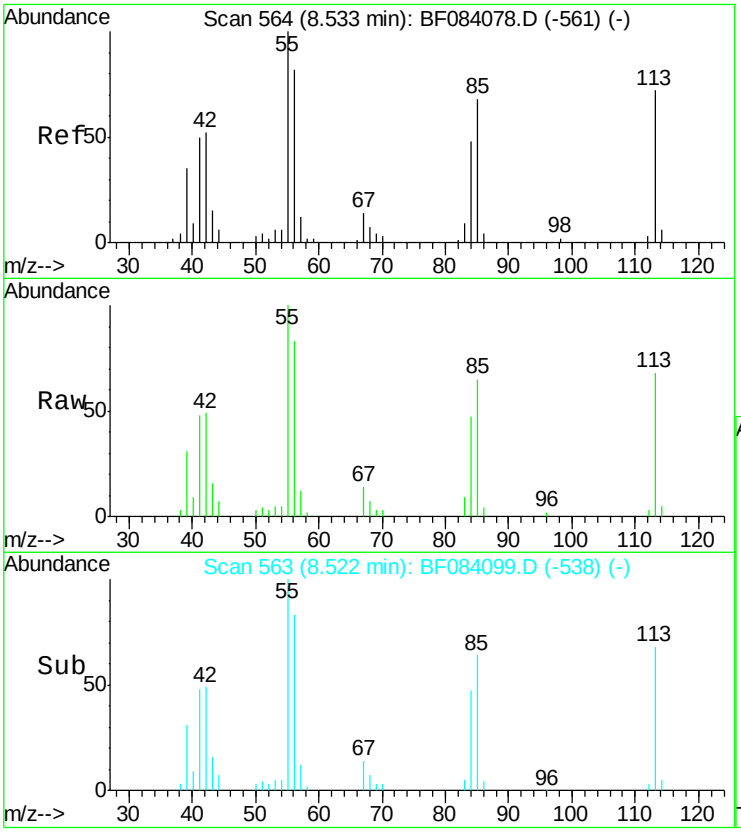




#34
Hexachlorobutadiene
Concen: 30.60 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:225 Resp: 54428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 49.4 | 74.0 |
| 227 | 61.4 | 50.8 | 76.2 |



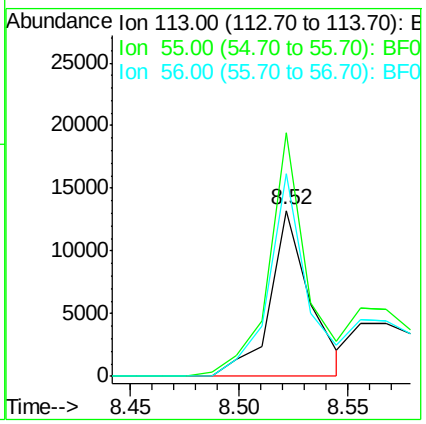


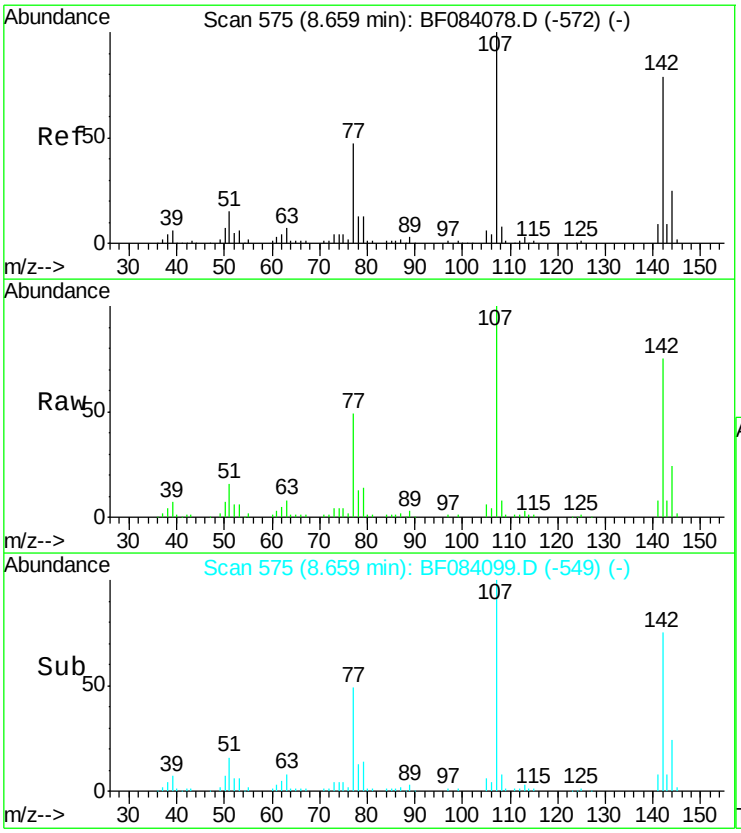

#35
Caprolactam
Concen: 21.57 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:113 Resp: 17022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 147.1 | 116.9 | 156.9 |
| 56 | 122.8 | 93.8 | 133.8 |

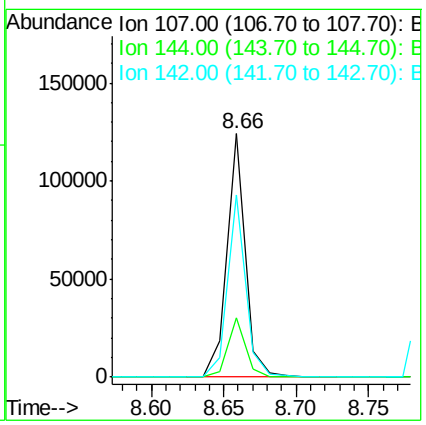


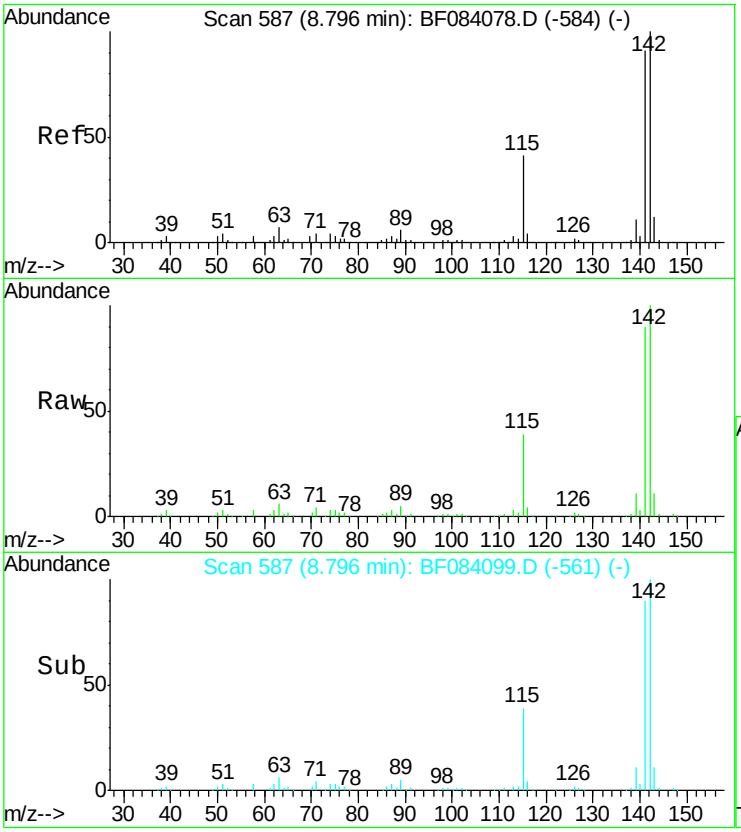




#36
4-Chloro-3-methylphenol
Concen: 34.10 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:107 Resp: 109106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.2 | 19.7 | 29.5 |
| 142 | 74.8 | 61.8 | 92.6 |



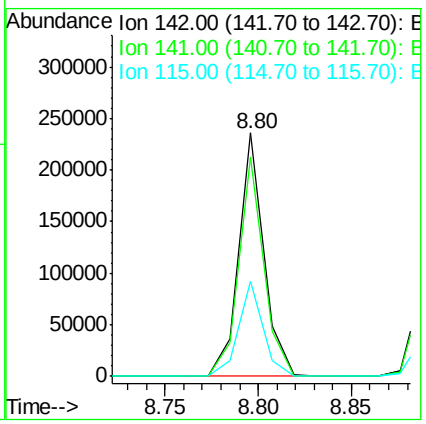


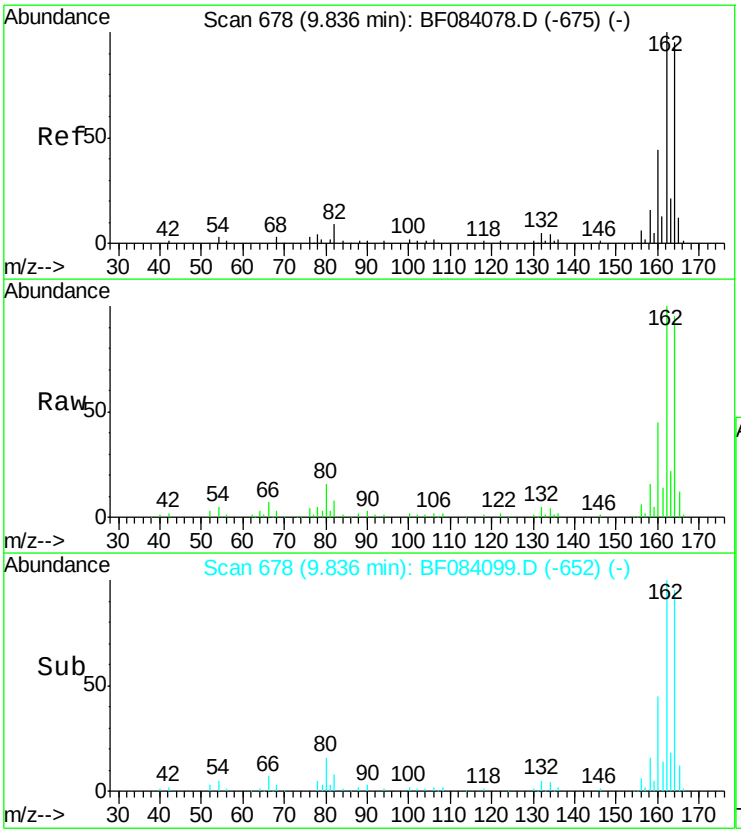

#37
2-Methylnaphthalene
Concen: 33.50 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:142 Resp: 221855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 72.4 | 108.6 |
| 115 | 39.0 | 27.9 | 41.9 |

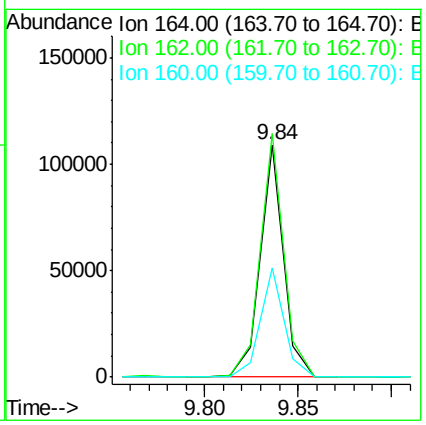


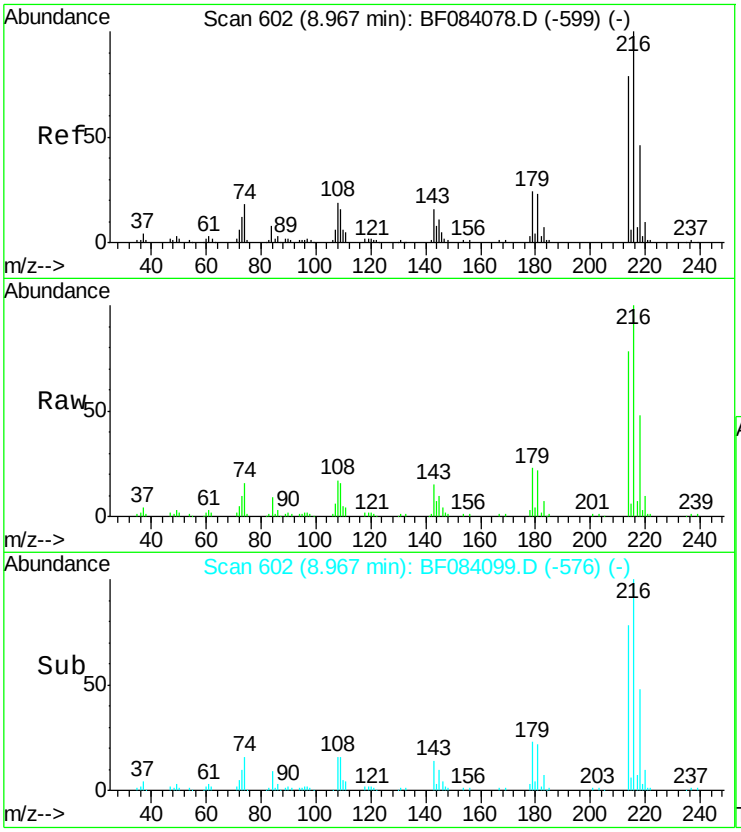




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:164 Resp: 95131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.8 | 85.1 | 127.7 |
| 160 | 47.0 | 37.5 | 56.3 |



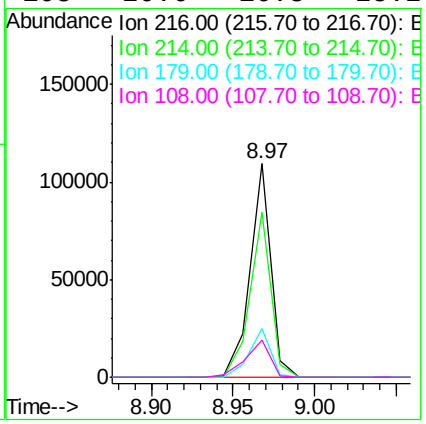


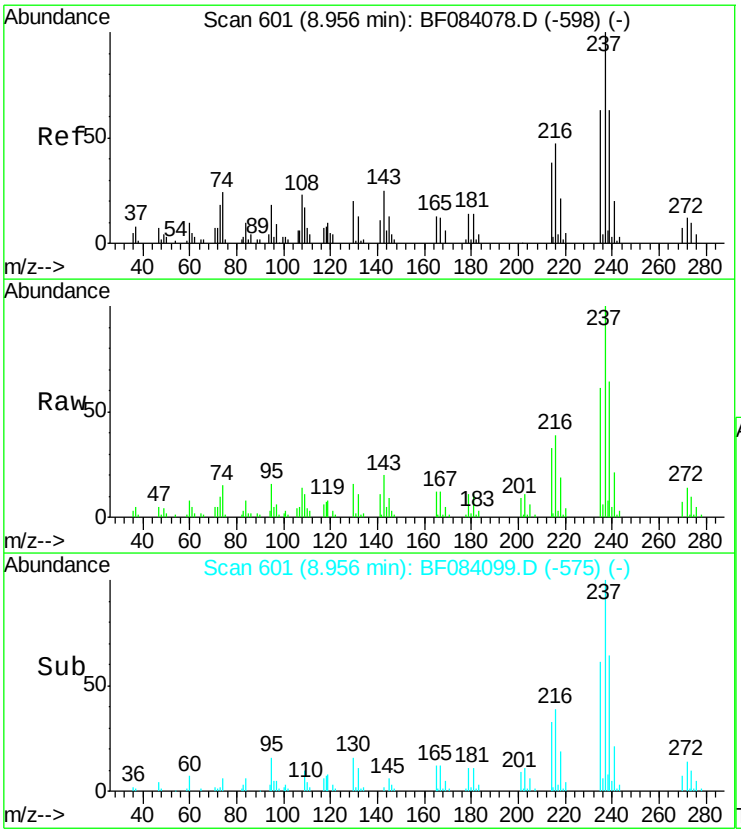

#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.17 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:216 Resp: 96478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.0 | 64.2 | 96.2 |
| 179 | 23.3 | 18.7 | 28.1 |
| 108 | 20.6 | 16.8 | 25.2 |

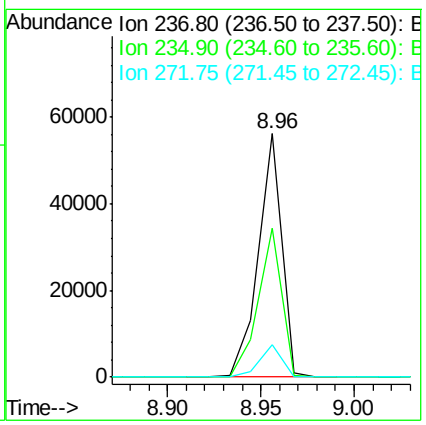


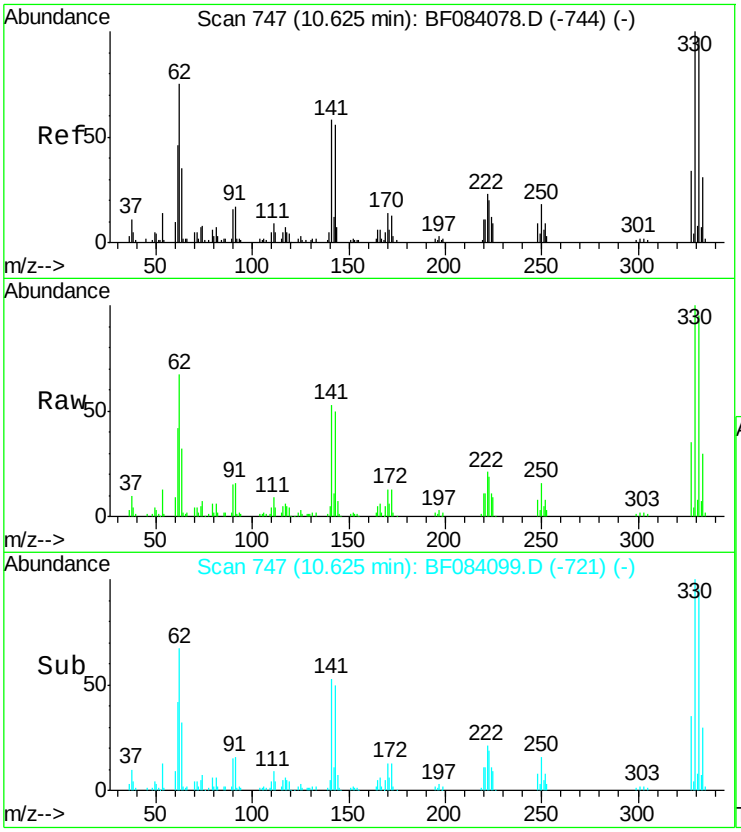




#40
Hexachlorocyclopentadiene
Concen: 61.62 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:237 Resp: 48525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.0 | 43.1 | 83.1 |
| 272 | 13.5 | 0.0 | 35.1 |



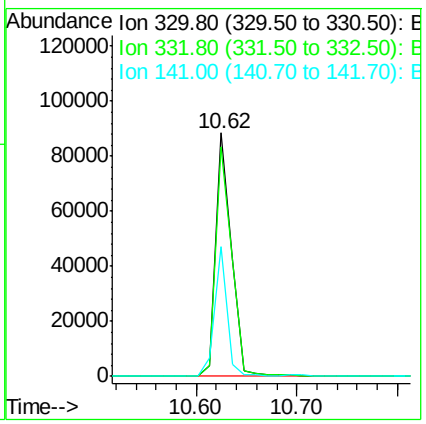


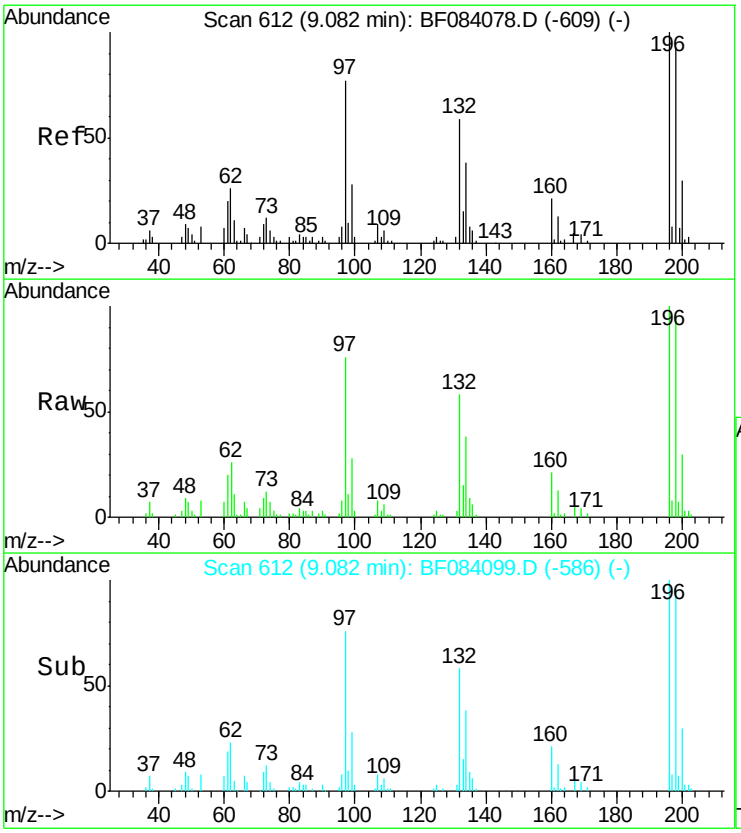

#41
2,4,6-Tribromophenol
Concen: 94.57 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:330 Resp: 95943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 76.6 | 114.8 |
| 141 | 42.6 | 27.8 | 41.6# |

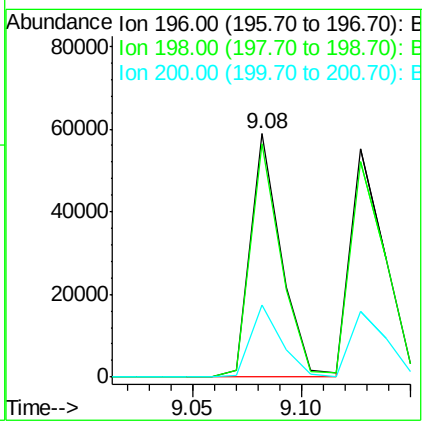


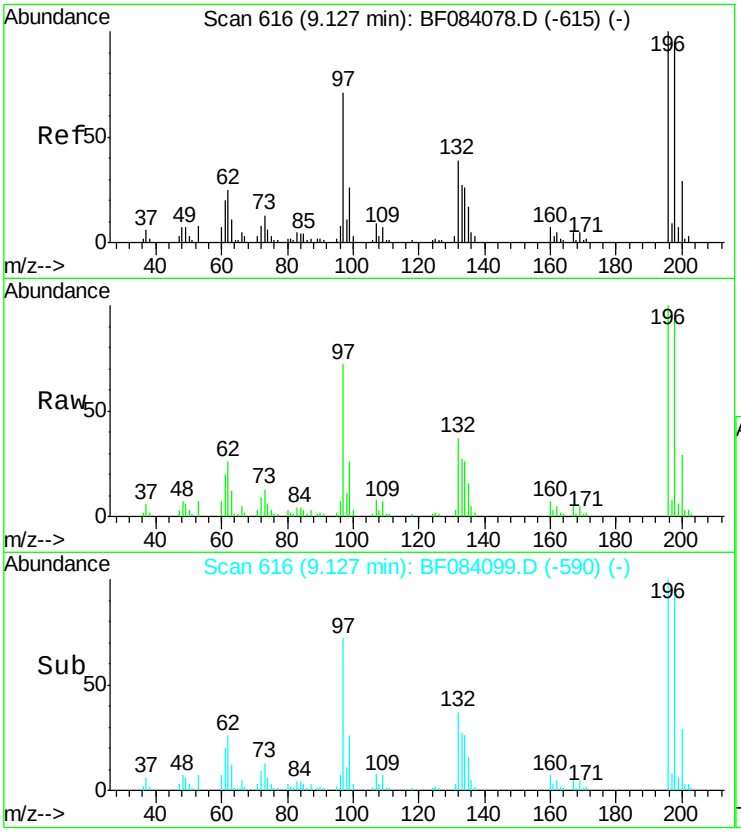




#42
2,4,6-Trichlorophenol
Concen: 29.74 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:196 Resp: 58148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.9 | 77.7 | 116.5 |
| 200 | 29.8 | 24.6 | 37.0 |



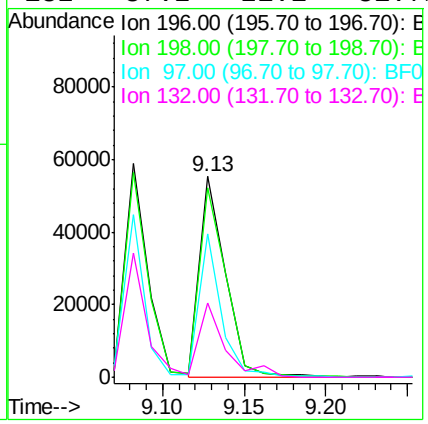


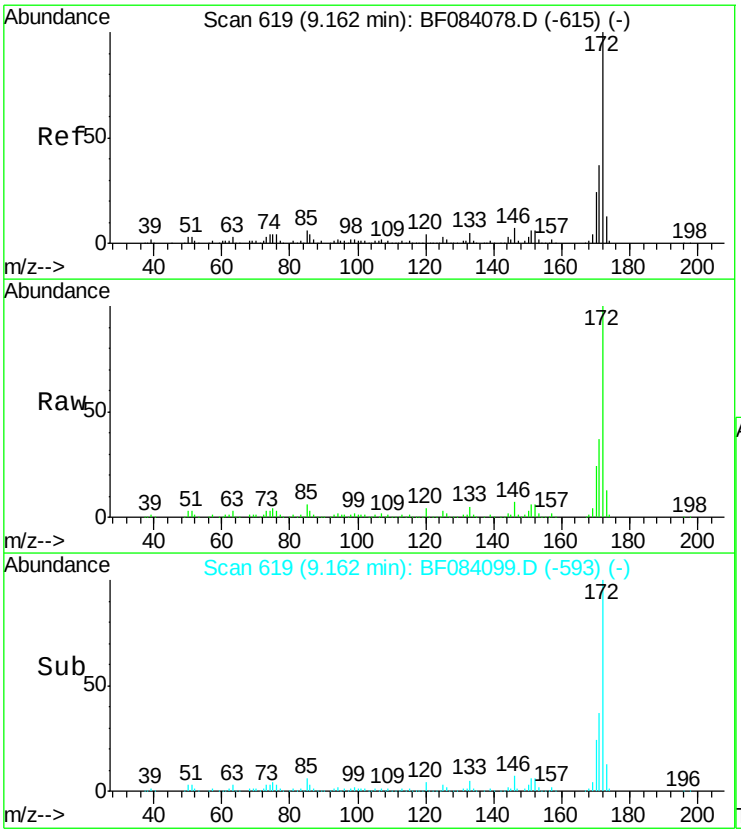

#43
2,4,5-Trichlorophenol
Concen: 31.56 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:196 Resp: 61777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.4 | 79.0 | 118.6 |
| 97 | 71.7 | 33.0 | 49.6# |
| 132 | 37.2 | 21.1 | 31.7# |

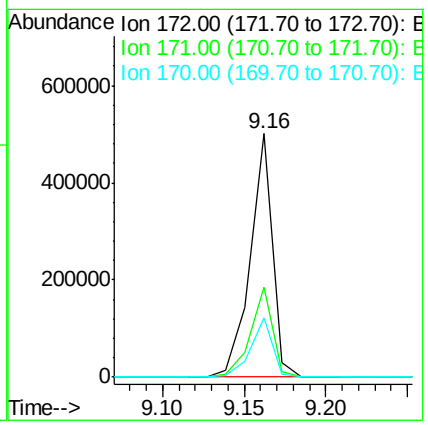


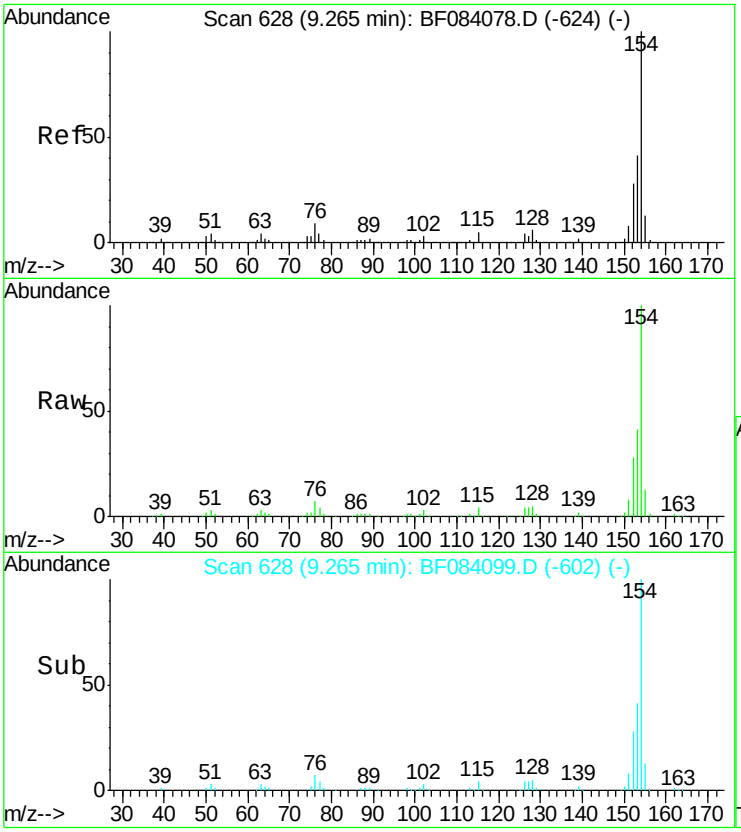




#44
2-Fluorobiphenyl
Concen: 67.83 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:172 Resp: 471599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 28.9 | 43.3 |
| 170 | 24.3 | 18.6 | 27.8 |



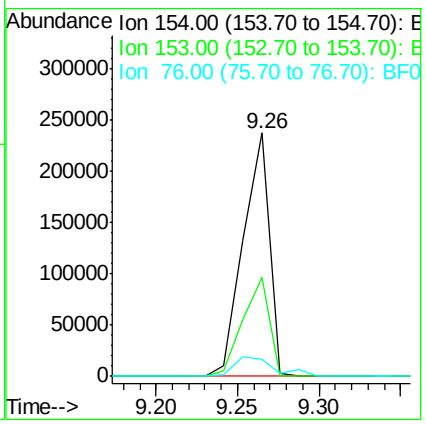


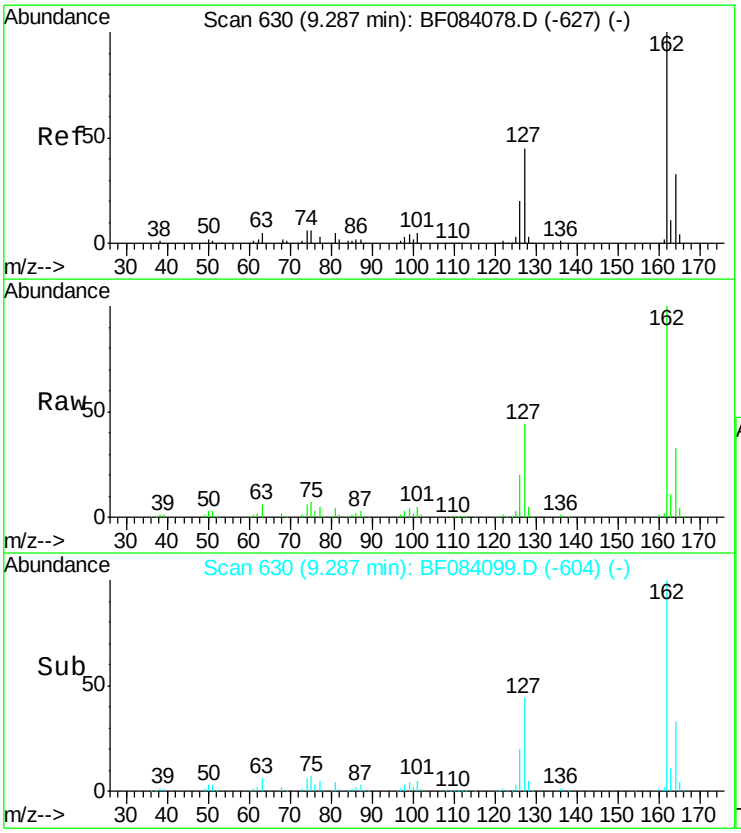

#45
1,1'-Biphenyl
Concen: 30.65 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:154 Resp: 263455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.8 | 21.6 | 61.6 |
| 76 | 7.1 | 0.0 | 32.7 |

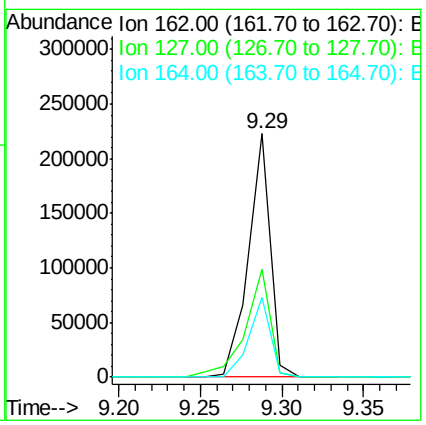


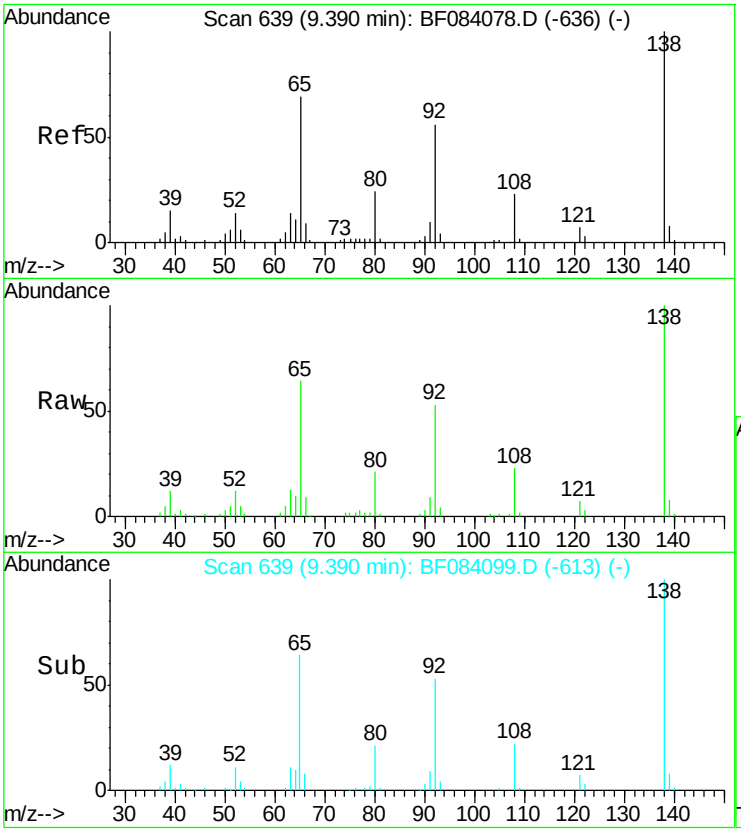




#46
2-Chloronaphthalene
Concen: 31.84 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:162 Resp: 208061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 44.3 | 40.2 | 60.4 |
| 164 | 32.8 | 25.7 | 38.5 |



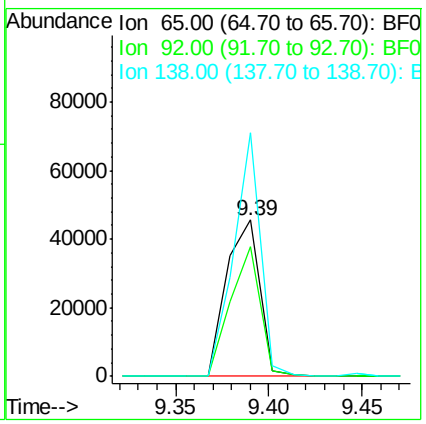


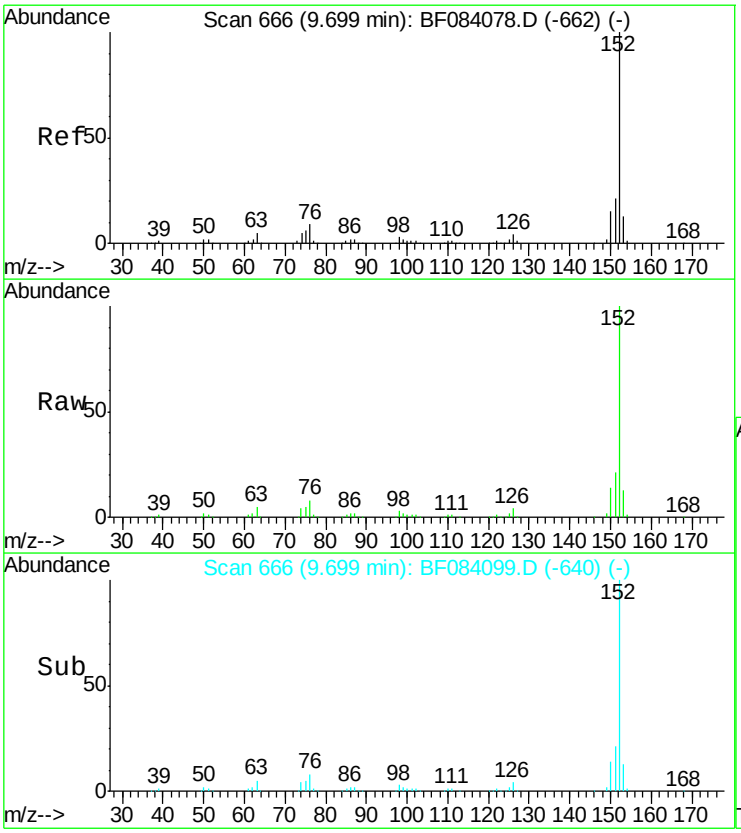

#47
2-Nitroaniline
Concen: 32.89 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion: 65 Resp: 57104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 82.9 | 53.4 | 80.2# |
| 138 | 155.7 | 71.1 | 106.7# |

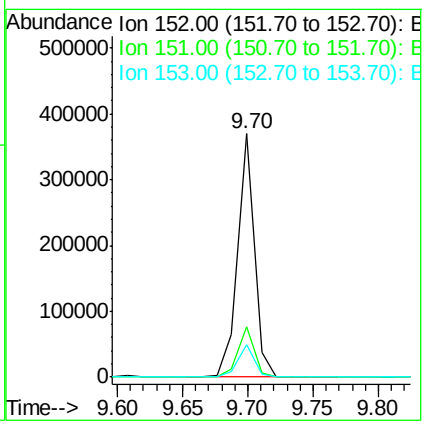


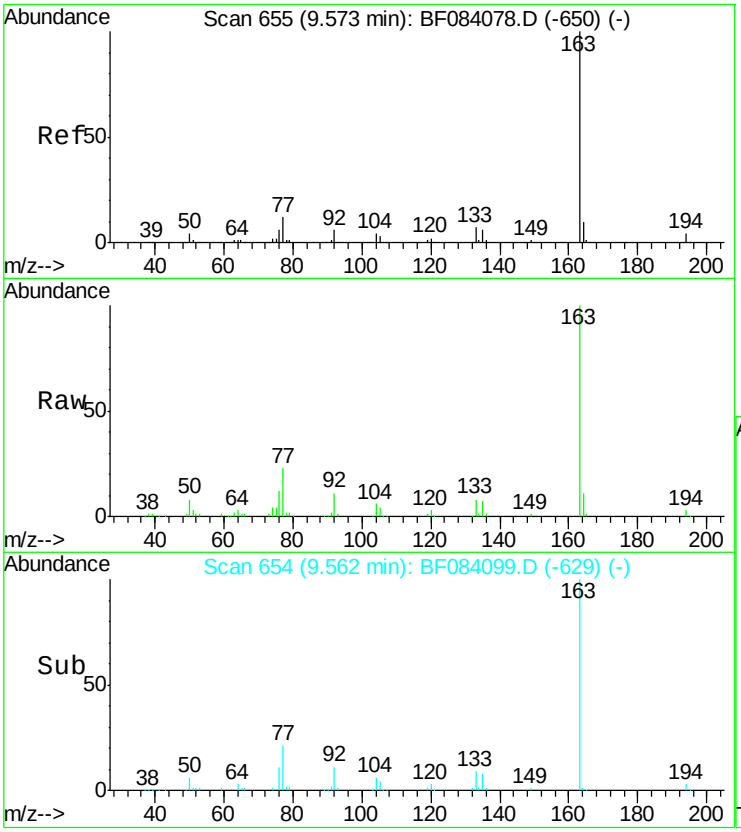




#48
Acenaphthylene
Concen: 30.42 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:152 Resp: 326371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.3 | 24.5 |
| 153 | 13.2 | 10.4 | 15.6 |



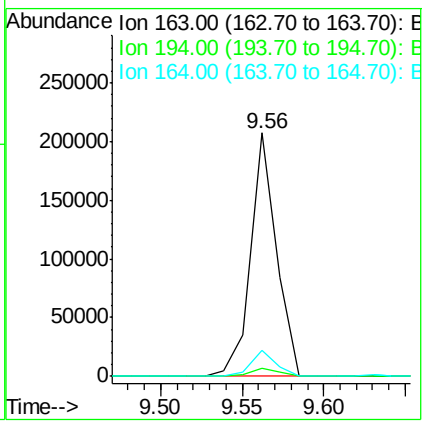


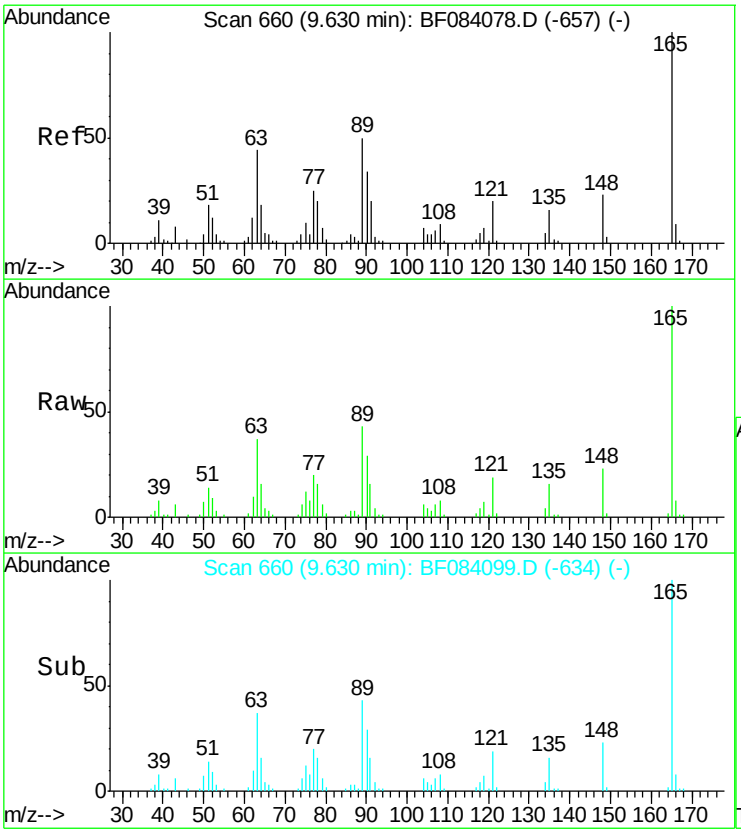

#49
Dimethylphthalate
Concen: 28.92 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:163 Resp: 227879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.1 | 8.0 | 12.0# |
| 164 | 10.5 | 8.0 | 12.0 |

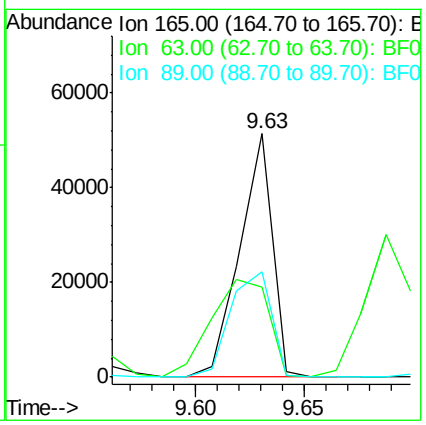


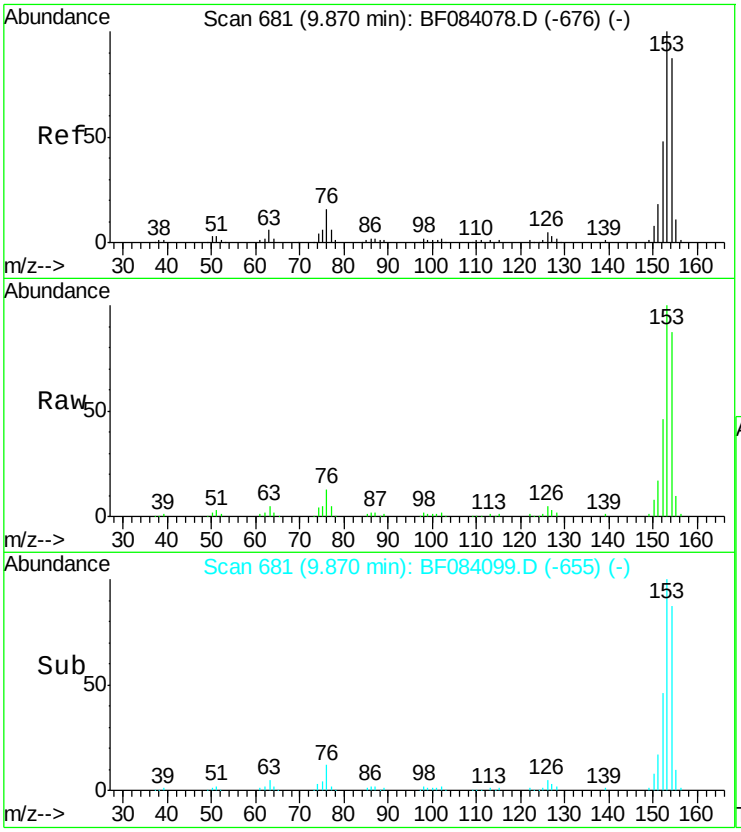




#50
2,6-Dinitrotoluene
Concen: 32.02 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:165 Resp: 53545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 36.8 | 28.8 | 43.2 |
| 89 | 43.0 | 35.1 | 52.7 |



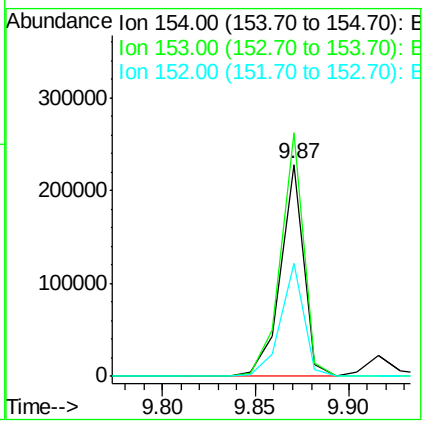


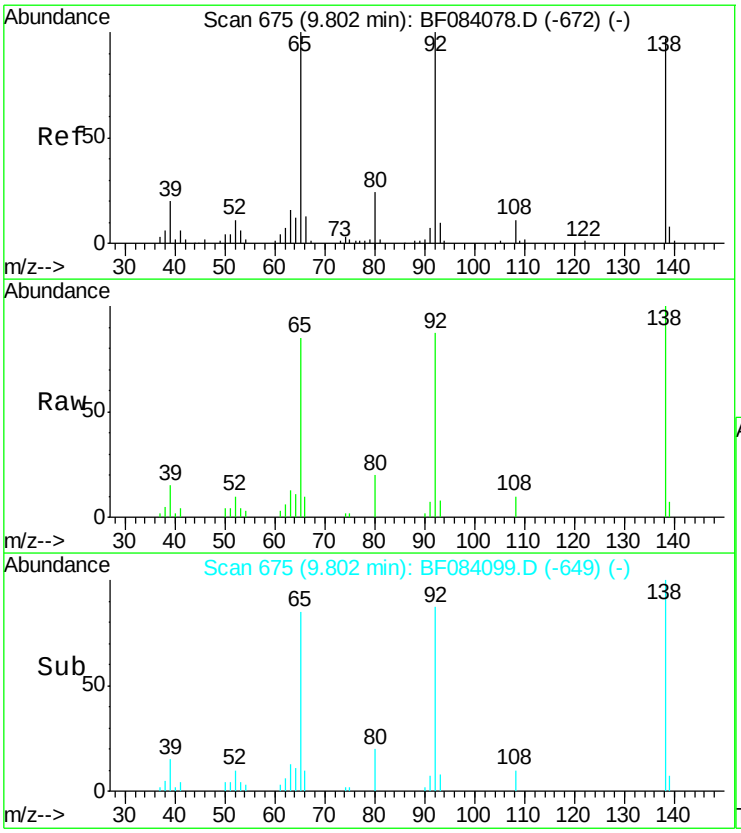

#51
Acenaphthene
Concen: 31.79 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:154 Resp: 198378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.9 | 91.5 | 137.3 |
| 152 | 53.4 | 43.0 | 64.6 |

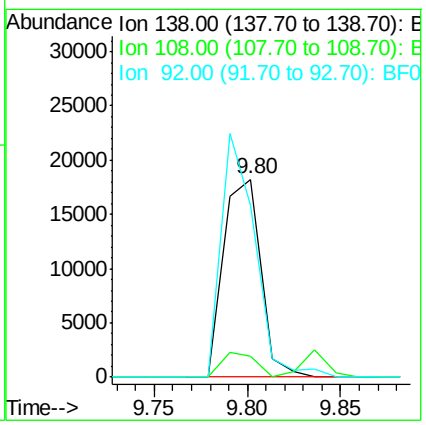


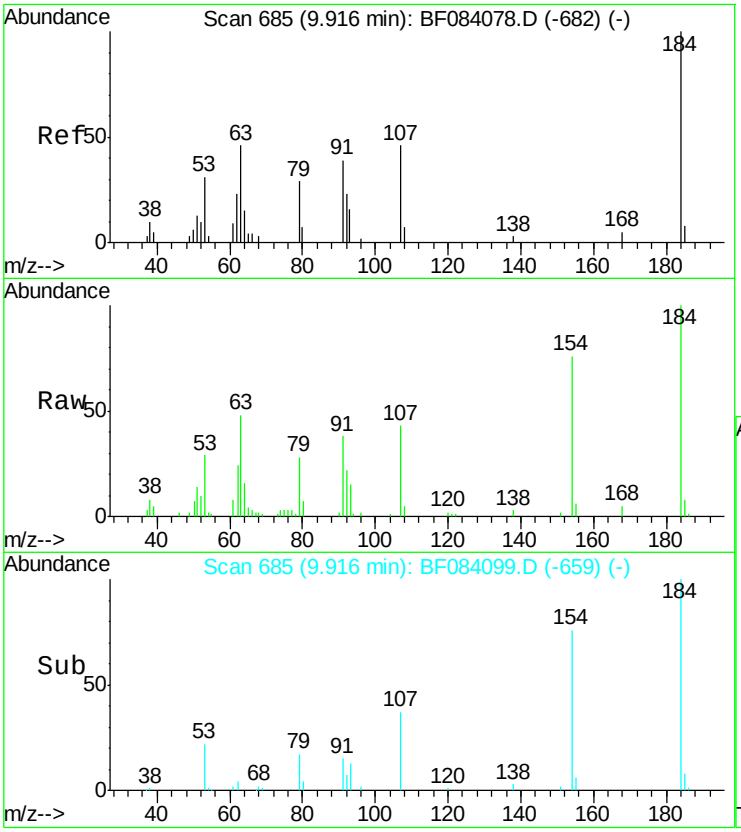




#52
3-Nitroaniline
Concen: 14.21 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:138 Resp: 25503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.4 | 10.5 | 15.7# |
| 92 | 87.2 | 103.9 | 155.9# |



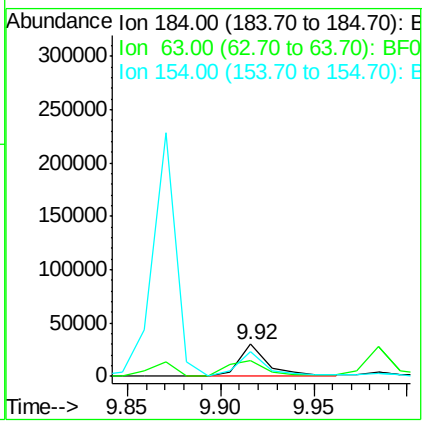


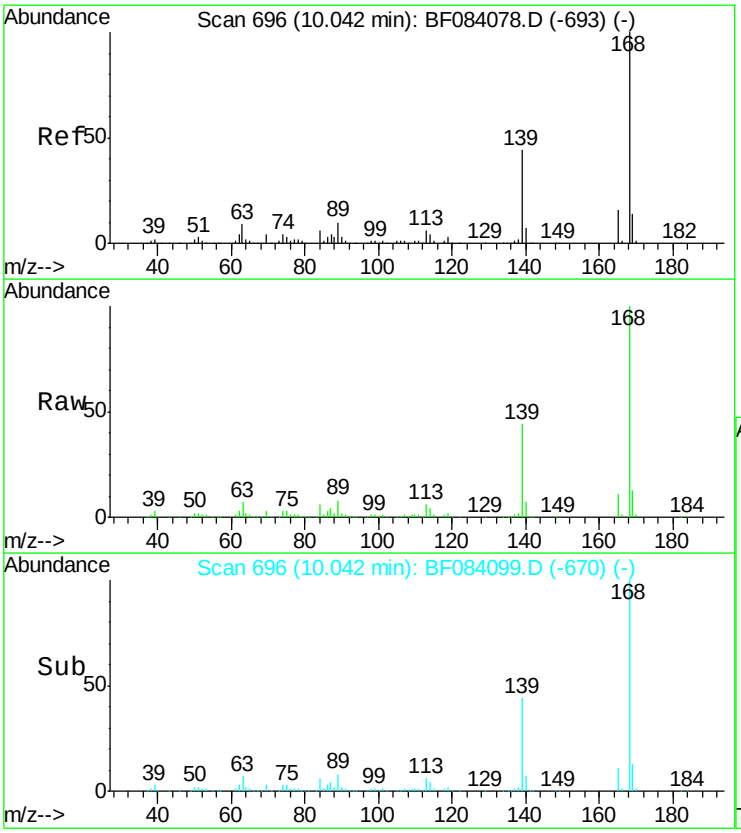

#53
2,4-Dinitrophenol
Concen: 58.30 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:184 Resp: 33219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 48.2 | 43.1 | 64.7 |
| 154 | 76.3 | 60.5 | 90.7 |

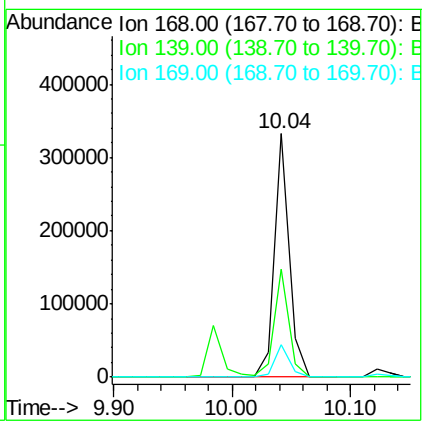


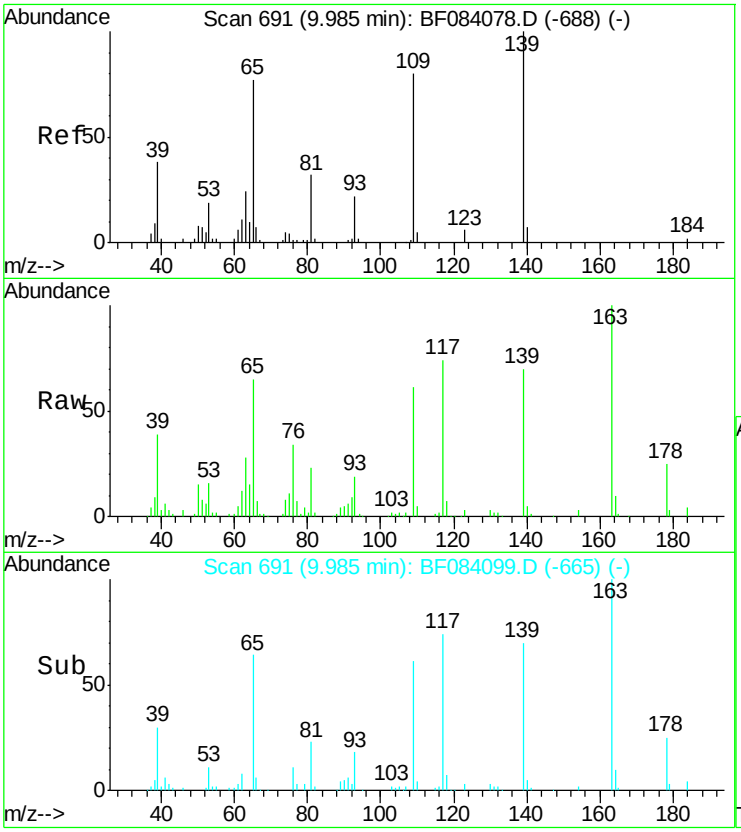




#54
Dibenzofuran
Concen: 33.57 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:168 Resp: 288099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 44.3 | 30.5 | 45.7 |
| 169 | 13.5 | 10.4 | 15.6 |



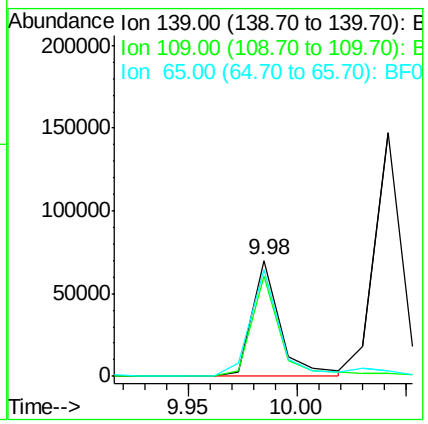


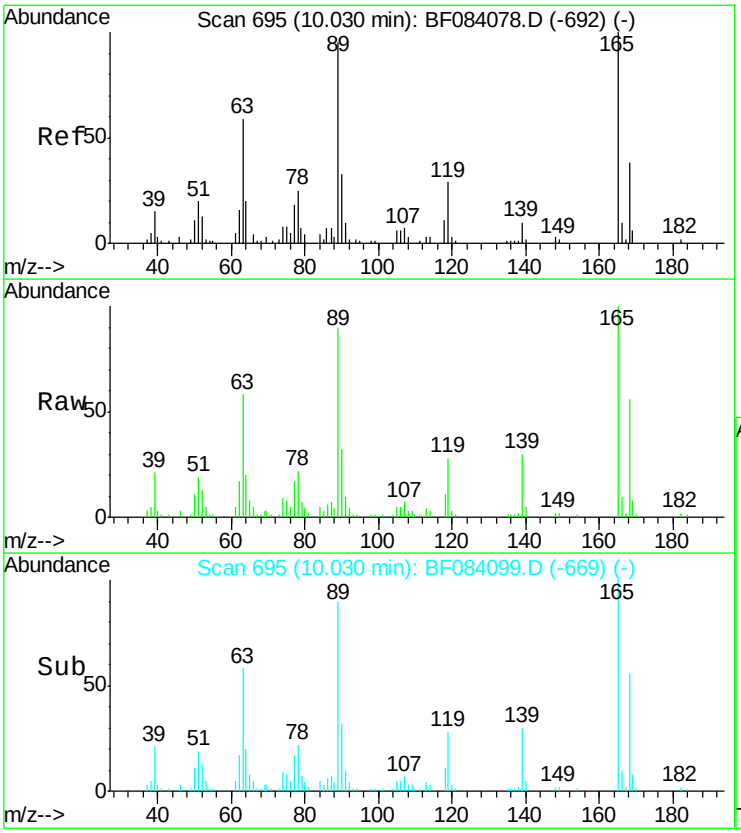

#55
4-Nitrophenol
Concen: 68.77 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:139 Resp: 62998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 86.3 | 58.5 | 98.5 |
| 65 | 92.2 | 57.6 | 97.6 |

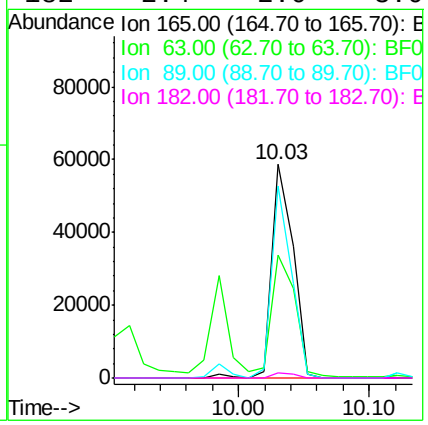


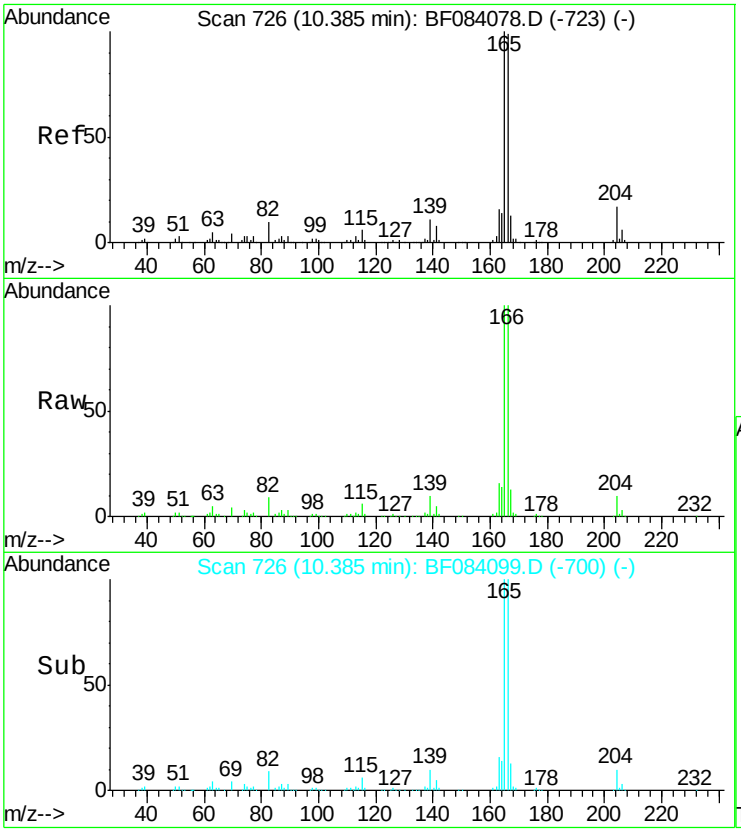




#56
2,4-Dinitrotoluene
Concen: 30.83 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:165 Resp: 68072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.7 | 36.7 | 55.1# |
| 89 | 90.0 | 61.9 | 92.9 |
| 182 | 2.4 | 2.0 | 3.0 |



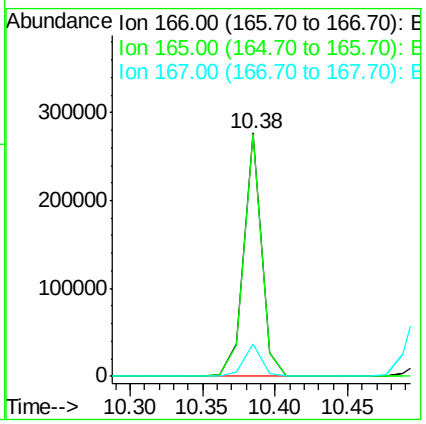


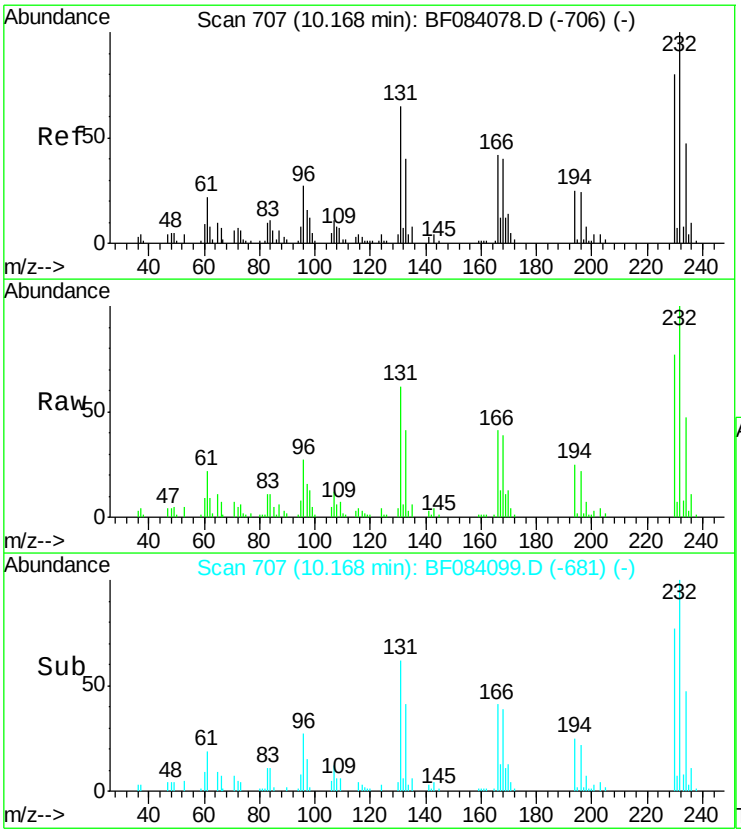

#57
Fluorene
Concen: 32.19 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:166 Resp: 234803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.6 | 79.1 | 118.7 |
| 167 | 13.3 | 10.4 | 15.6 |

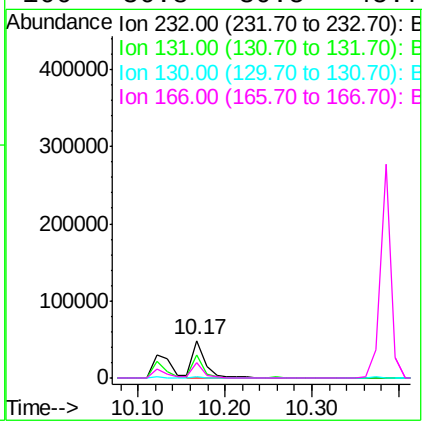


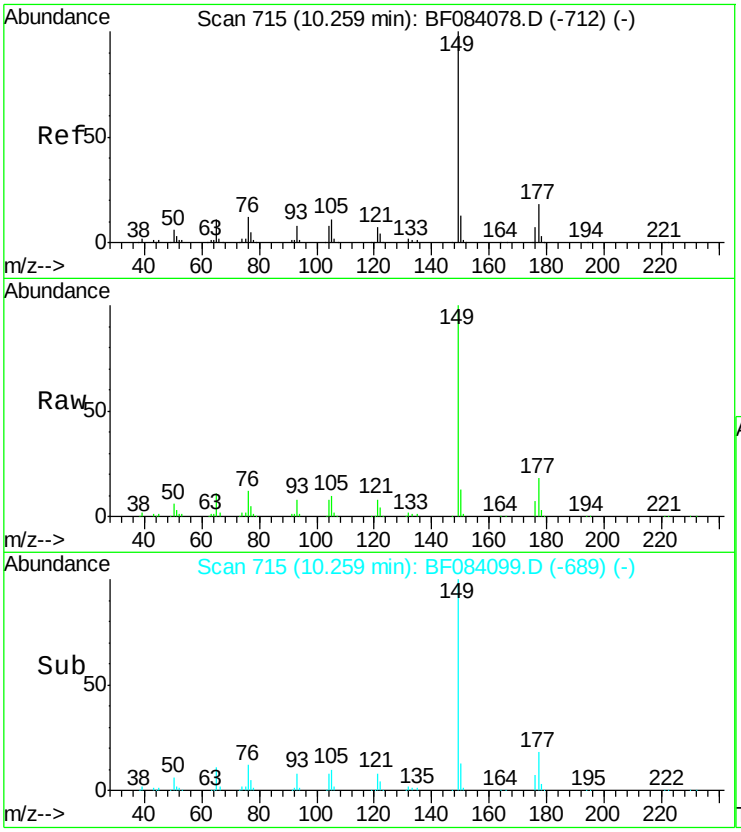




#58
2,3,4,6-Tetrachlorophenol
Concen: 36.45 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:232 Resp: 50851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 55.5 | 47.0 | 70.6 |
| 130 | 2.9 | 2.0 | 3.0 |
| 166 | 36.8 | 30.5 | 45.7 |



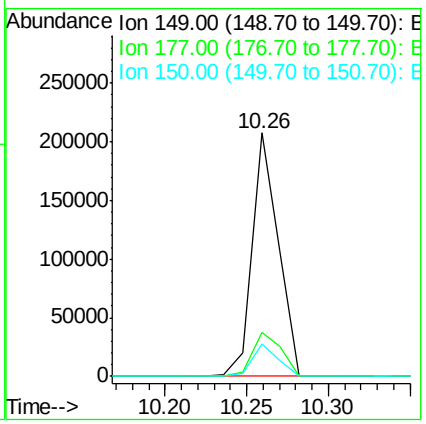


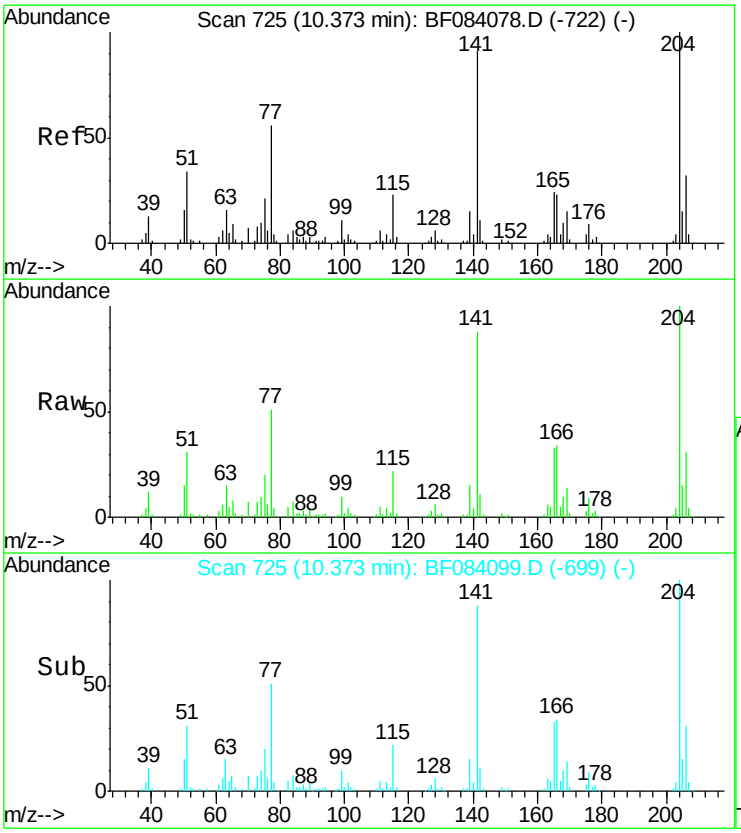

#59
Diethylphthalate
Concen: 28.80 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:149 Resp: 230488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 18.3 | 17.3 | 25.9 |
| 150 | 13.1 | 9.8 | 14.8 |

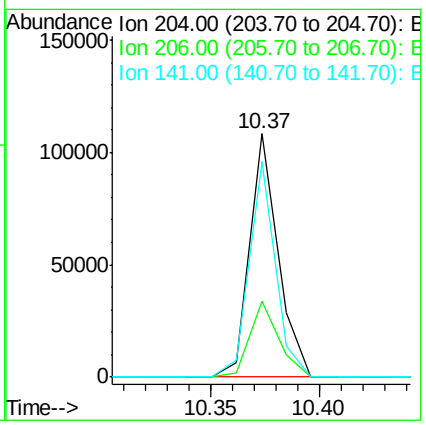


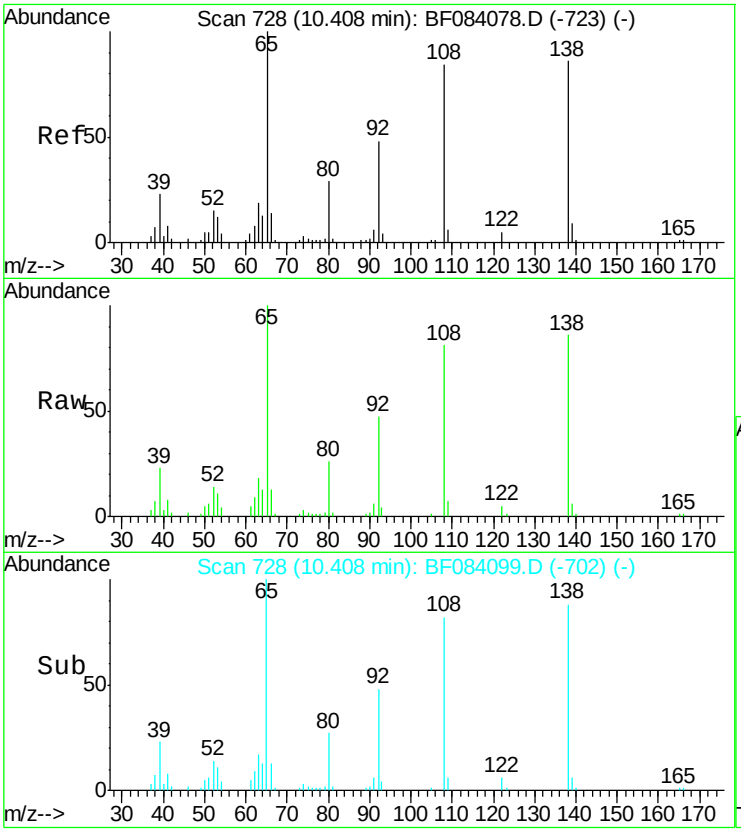




#60
4-Chlorophenyl-phenylether
Concen: 29.24 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:204 Resp: 98384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 31.0 | 25.7 | 38.5 |
| 141 | 88.4 | 55.1 | 82.7# |



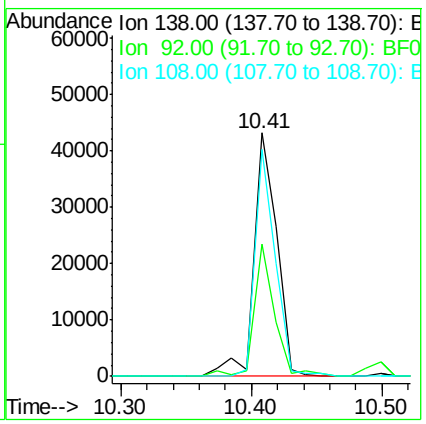


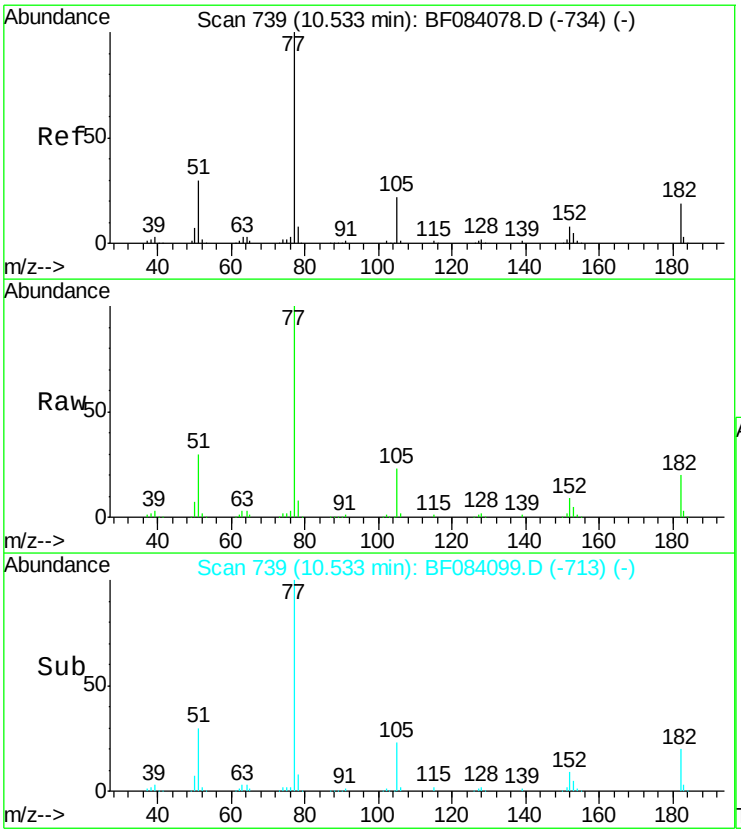

#61
4-Nitroaniline
Concen: 31.98 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:138 Resp: 53045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 54.5 | 32.6 | 72.6 |
| 108 | 93.4 | 68.6 | 108.6 |

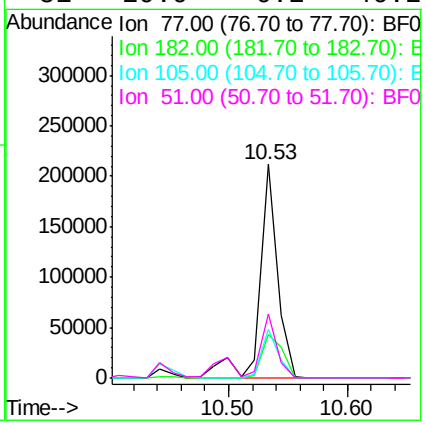


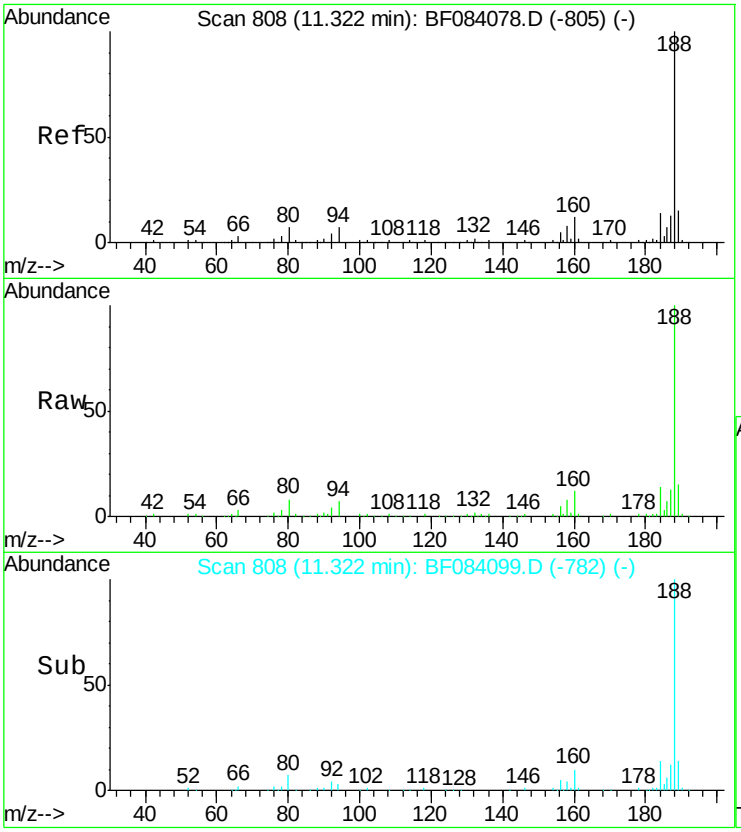




#62
Azobenzene
Concen: 33.99 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion: 77 Resp: 224138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 20.2 | 8.3 | 48.3 |
| 105 | 22.8 | 4.6 | 44.6 |
| 51 | 29.9 | 6.2 | 46.2 |



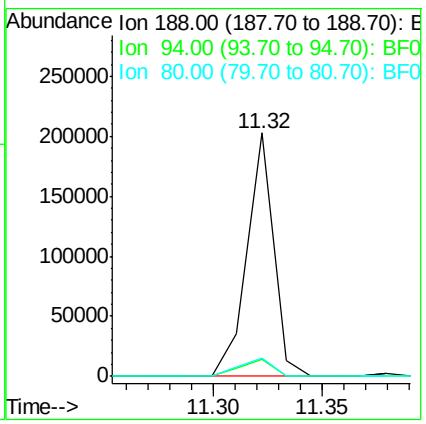


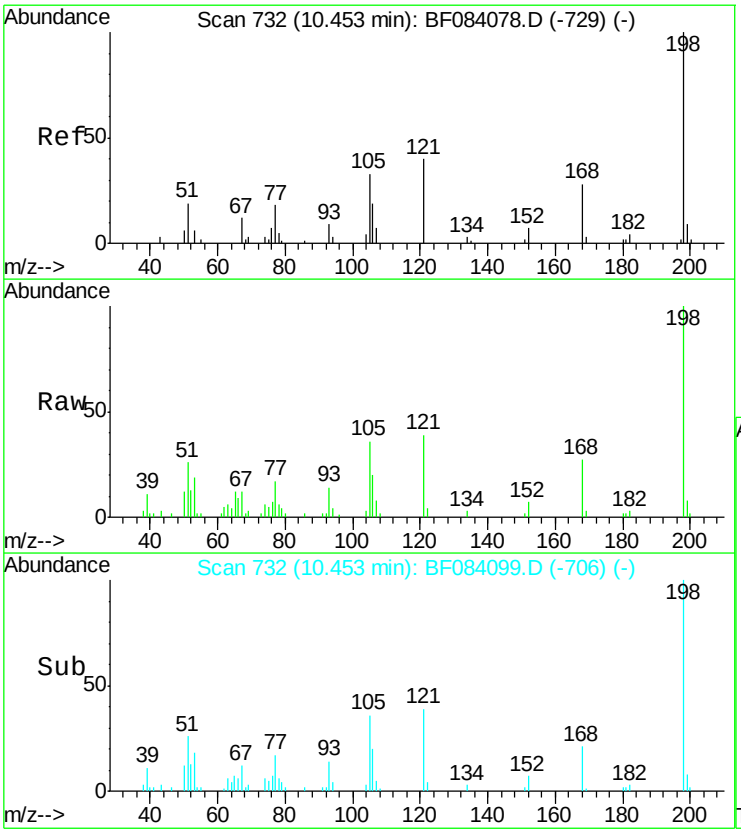

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:188 Resp: 172017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.9 | 9.0 | 13.4# |
| 80 | 7.6 | 9.6 | 14.4# |

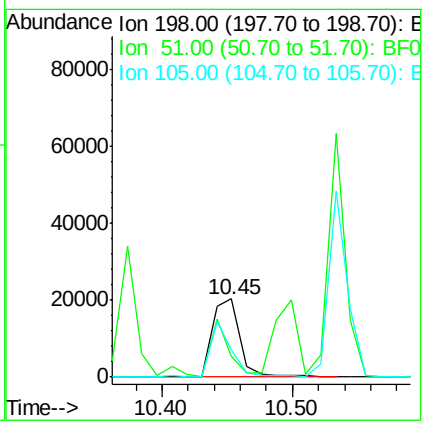


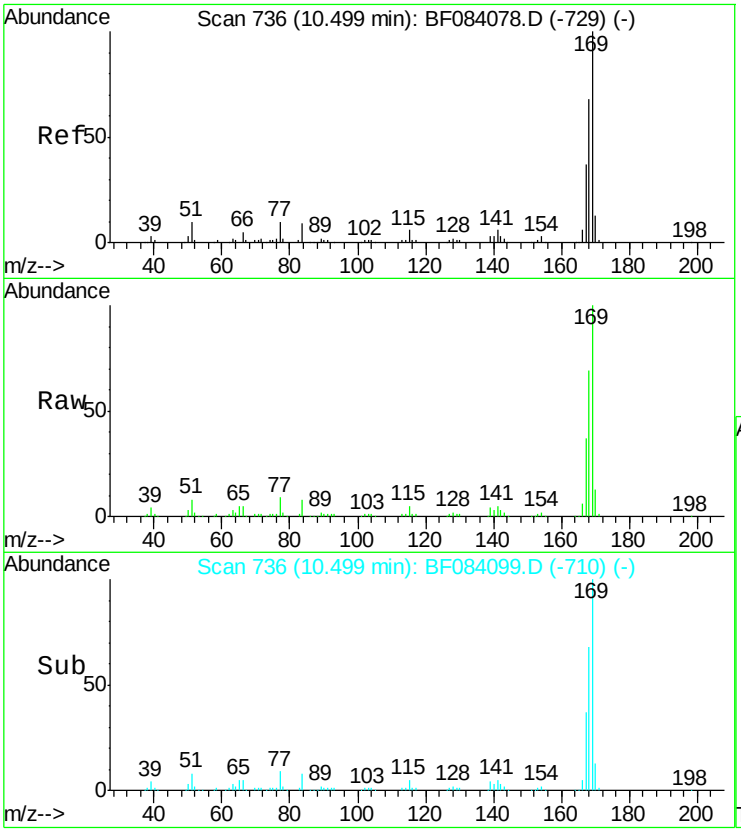




#64
4,6-Dinitro-2-methylphenol
Concen: 31.39 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:198 Resp: 29973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 26.1 | 18.9 | 58.9 |
| 105 | 35.6 | 26.4 | 66.4 |



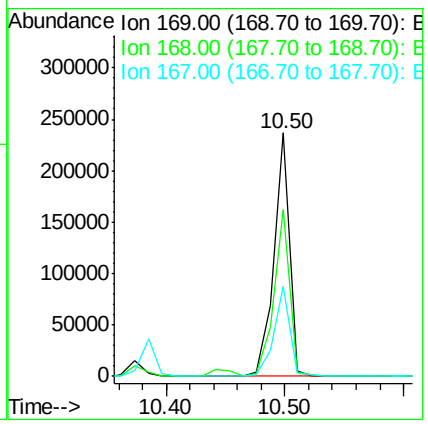


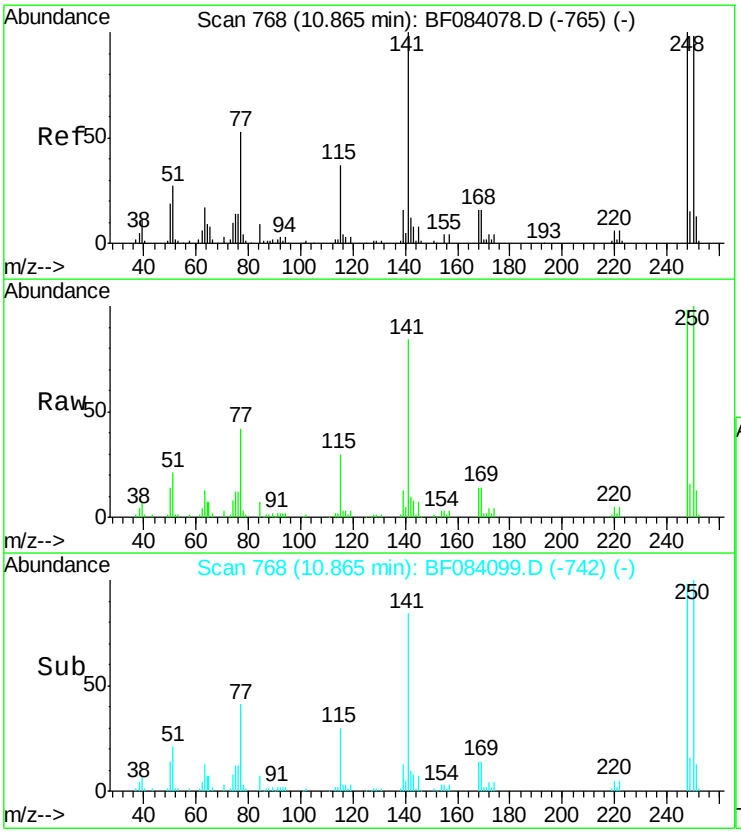

#65
n-Nitrosodiphenylamine
Concen: 35.38 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:169 Resp: 216961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.6 | 55.1 | 82.7 |
| 167 | 37.0 | 30.0 | 45.0 |

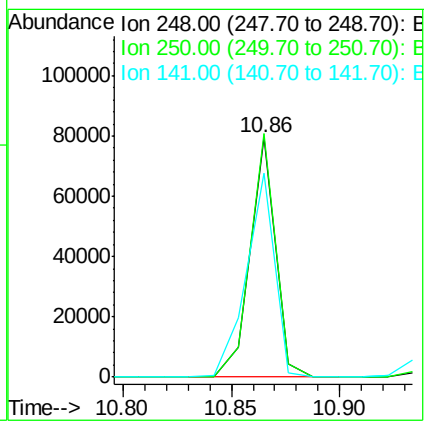


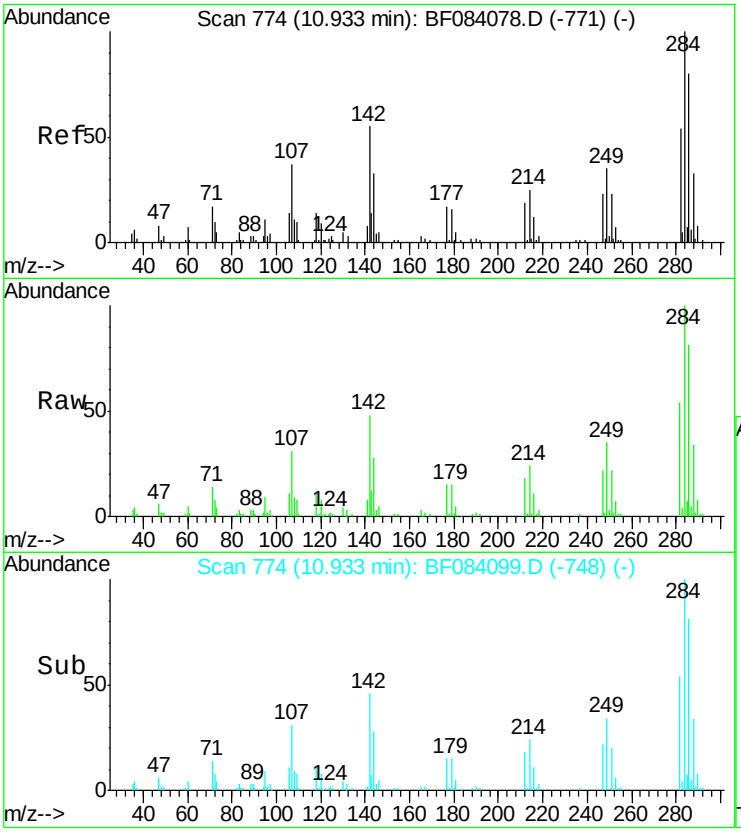




#66
4-Bromophenyl-phenylether
Concen: 32.28 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:248 Resp: 64323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.7 | 78.4 | 117.6 |
| 141 | 85.1 | 44.0 | 66.0# |



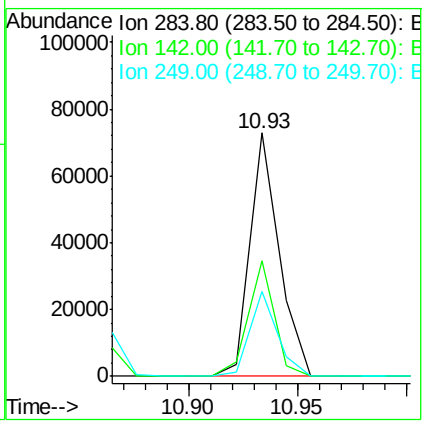


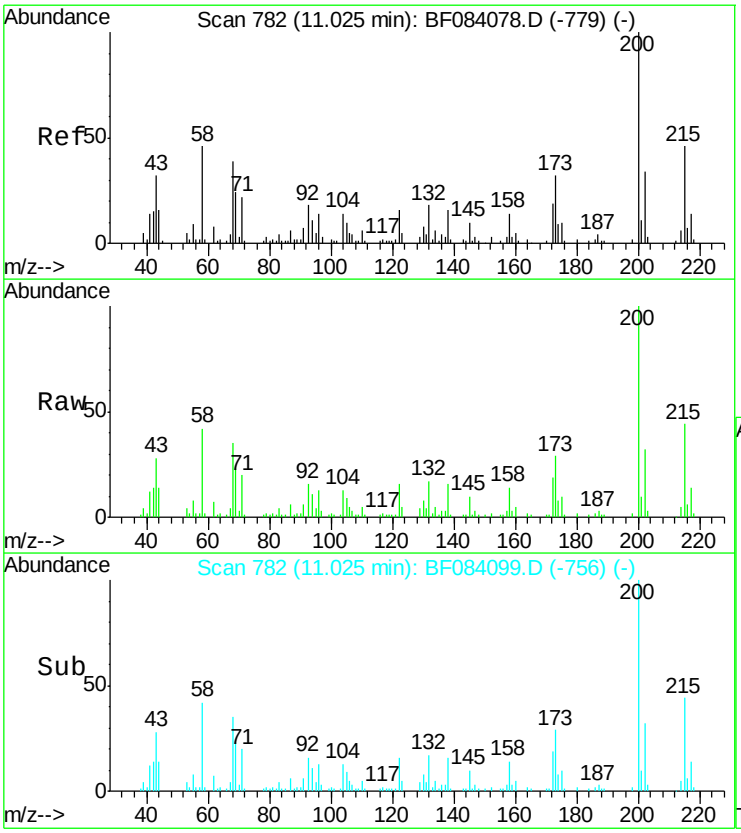

#67
Hexachlorobenzene
Concen: 31.13 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:284 Resp: 67915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 47.6 | 22.2 | 33.4# |
| 249 | 35.0 | 24.6 | 37.0 |

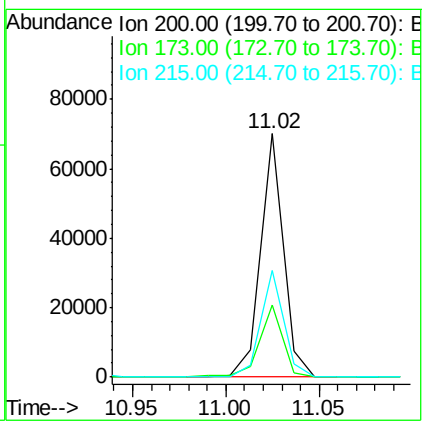


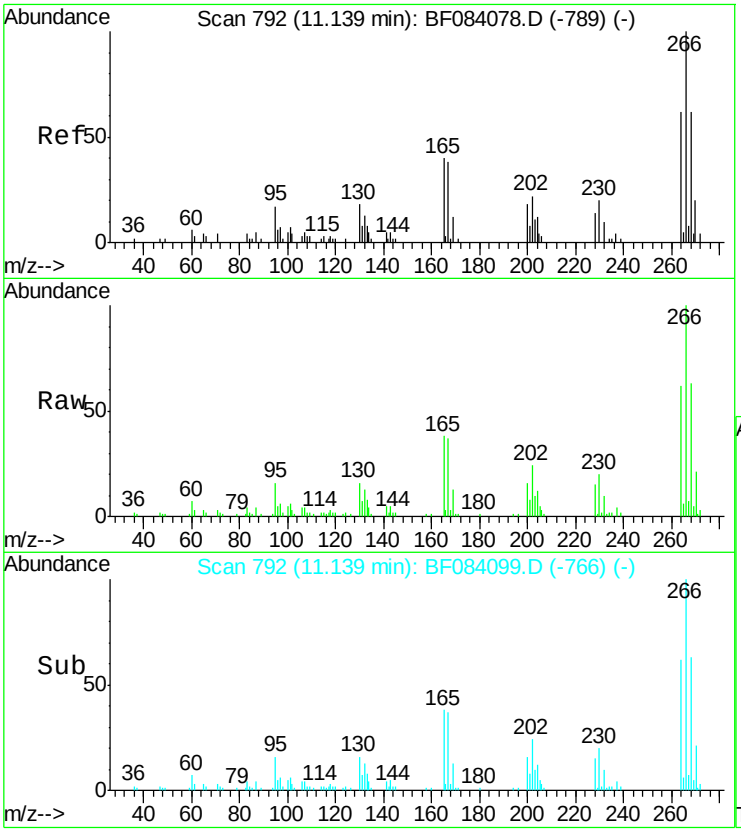




#68
Atrazine
Concen: 31.96 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:200 Resp: 59021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.4 | 9.5 | 49.5 |
| 215 | 43.7 | 23.8 | 63.8 |



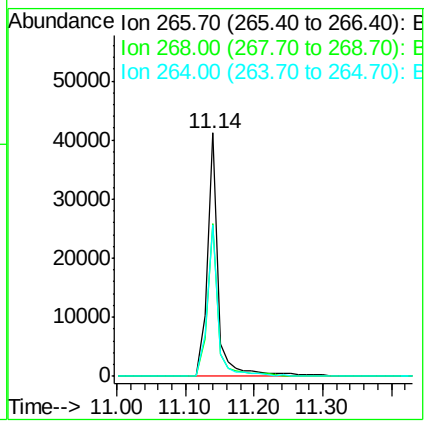


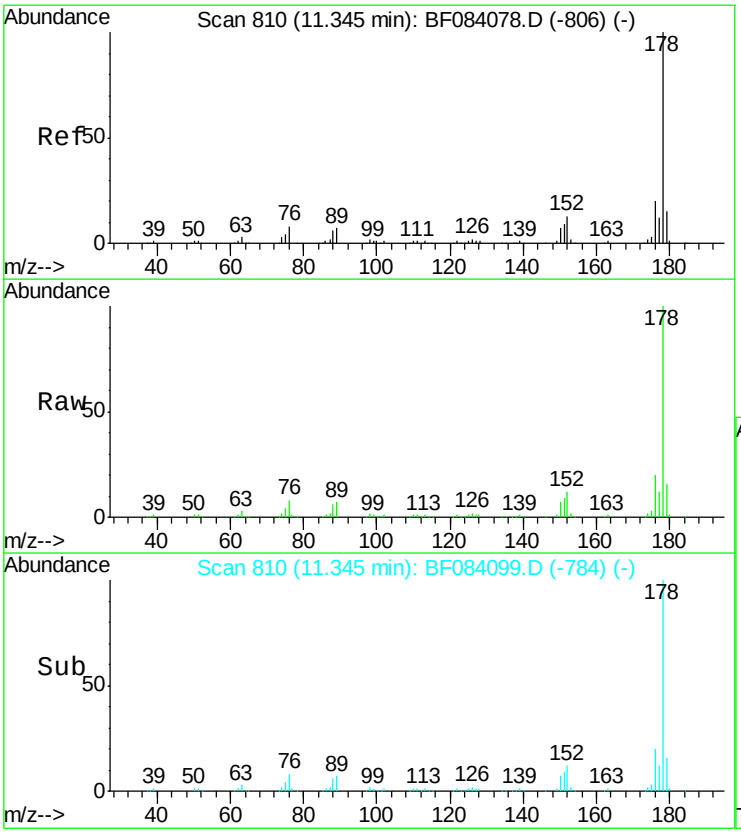

#69
Pentachlorophenol
Concen: 65.41 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:266 Resp: 45816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.8 | 52.4 | 78.6 |
| 264 | 62.0 | 50.2 | 75.2 |

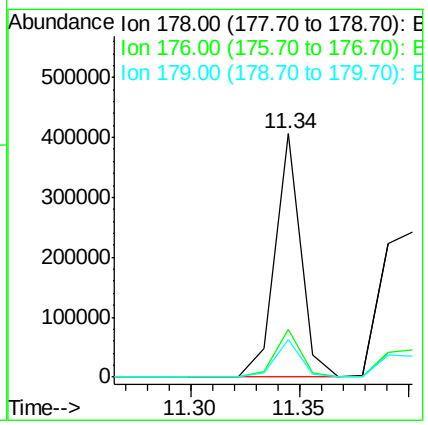


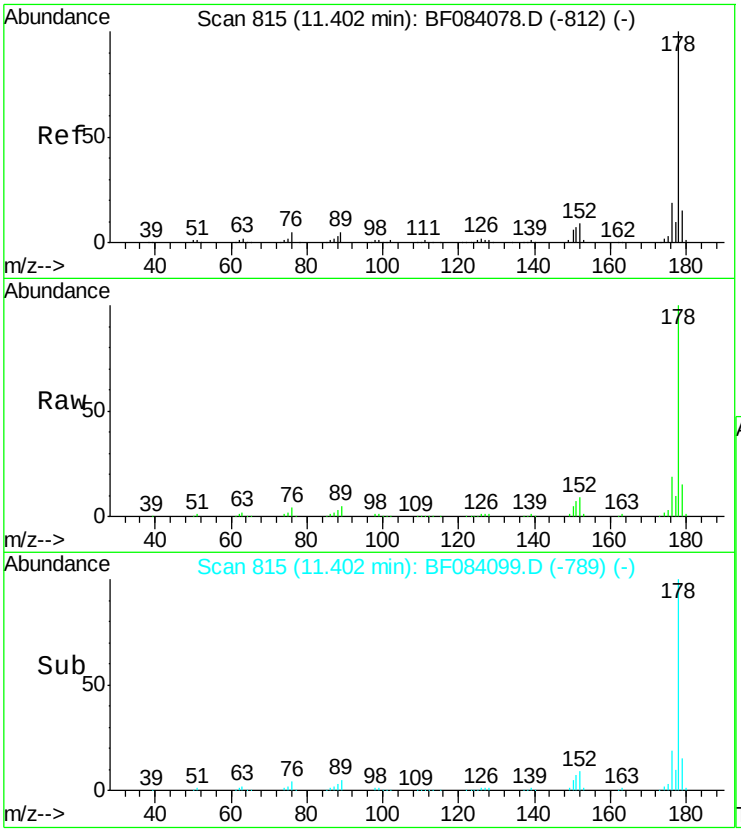




#70
Phenanthrene
Concen: 33.18 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:178 Resp: 338383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.3 | 22.9 |
| 179 | 15.7 | 12.0 | 18.0 |



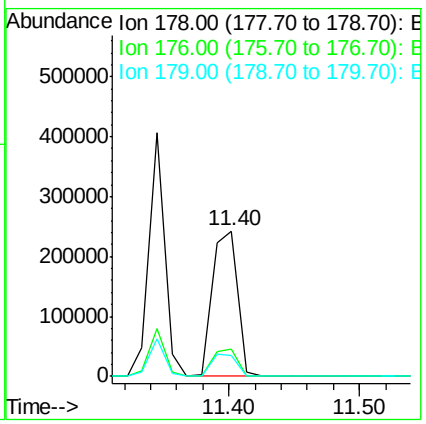


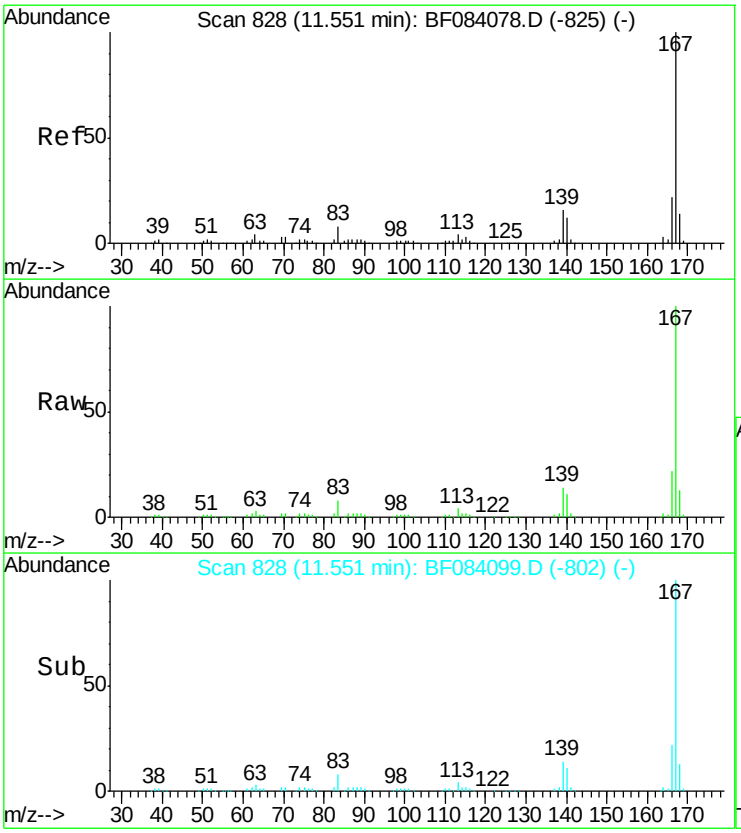

#71
Anthracene
Concen: 30.81 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:178 Resp: 328482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.4 | 23.0 |
| 179 | 14.7 | 12.5 | 18.7 |

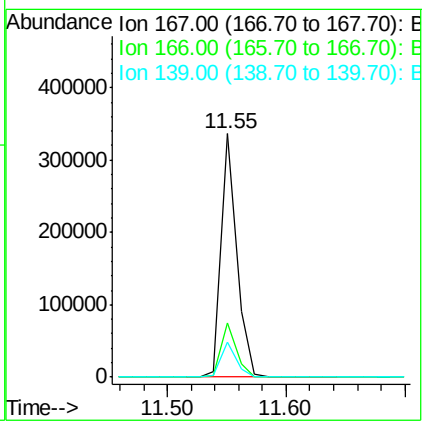


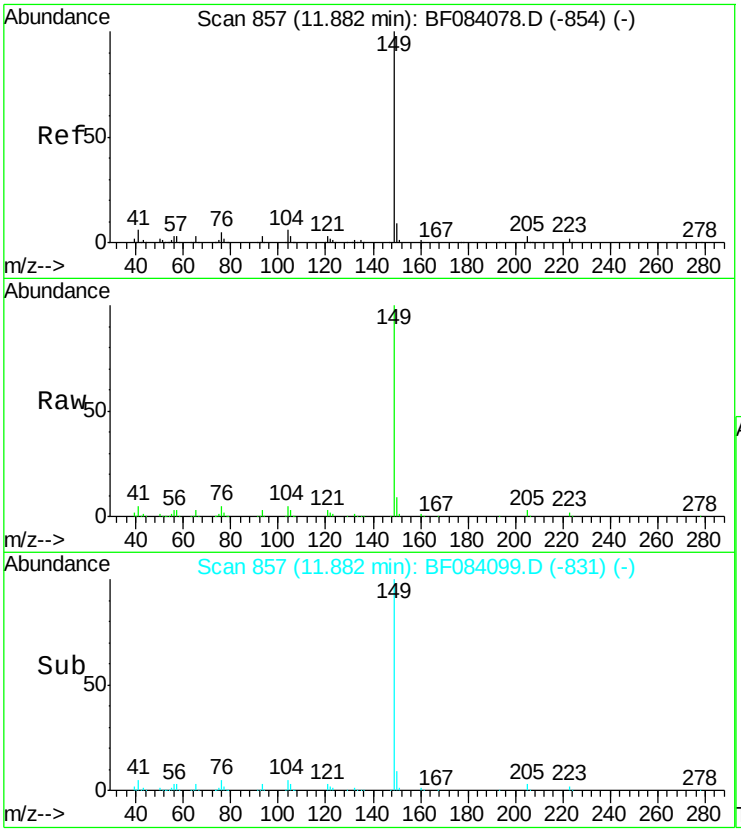




#72
Carbazole
Concen: 33.44 ng
RT: 11.55 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:167 Resp: 303365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.1 | 17.6 | 26.4 |
| 139 | 14.4 | 11.8 | 17.8 |



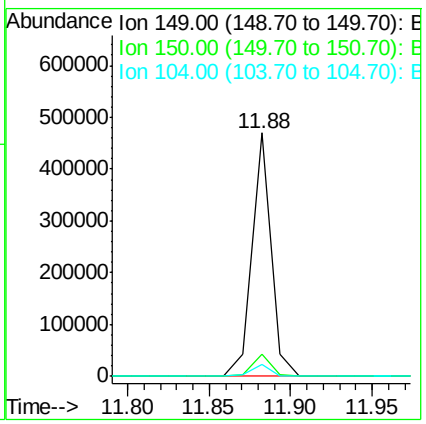


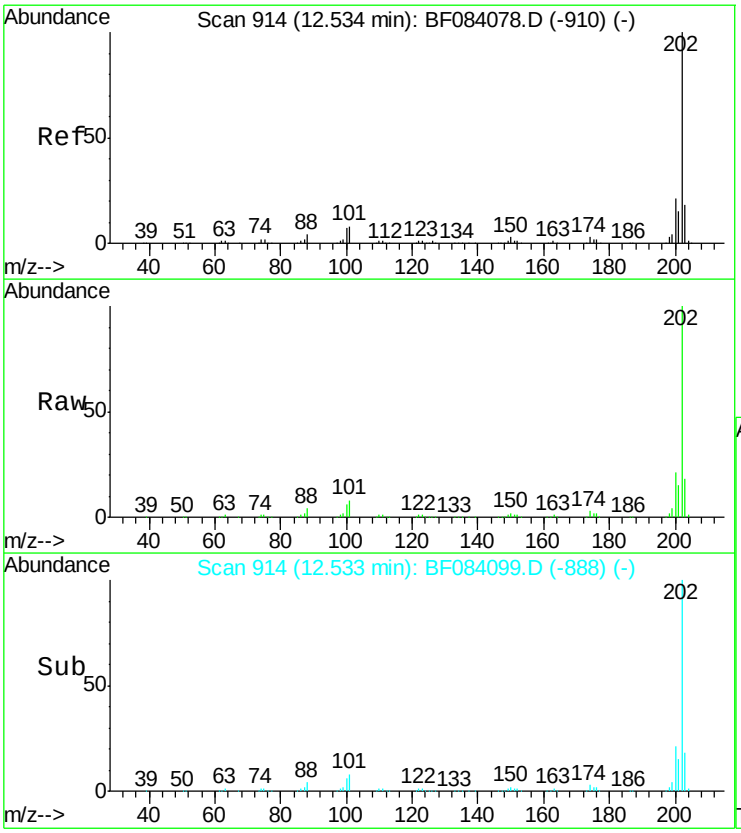

#73
Di-n-butylphthalate
Concen: 32.73 ng
RT: 11.88 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:149 Resp: 382502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.1 | 10.7 |
| 104 | 5.2 | 3.2 | 4.8# |

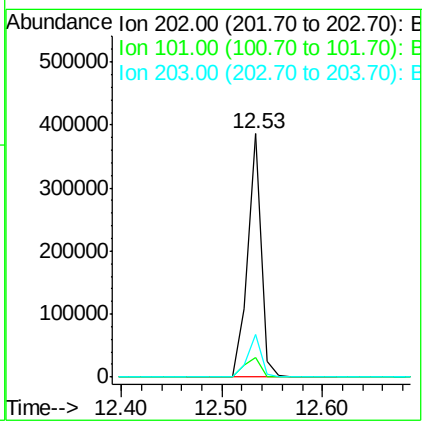


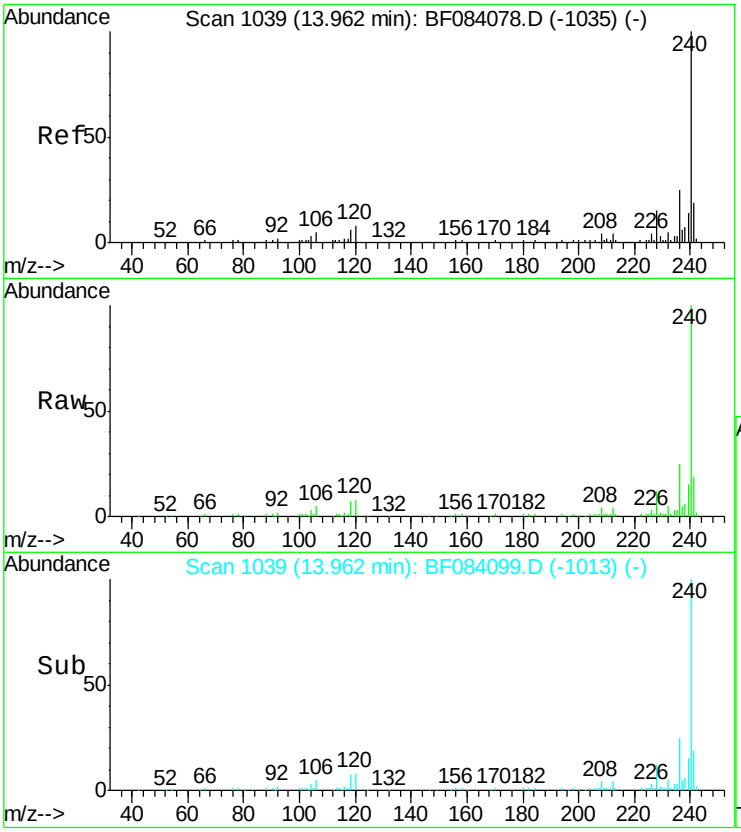




#74
Fluoranthene
Concen: 31.14 ng
RT: 12.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:202 Resp: 359672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.2 | 0.0 | 32.8 |
| 203 | 17.6 | 0.0 | 37.9 |



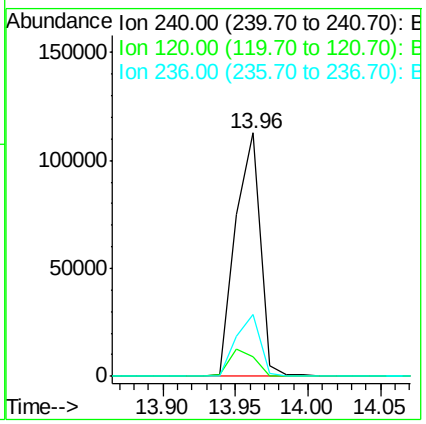


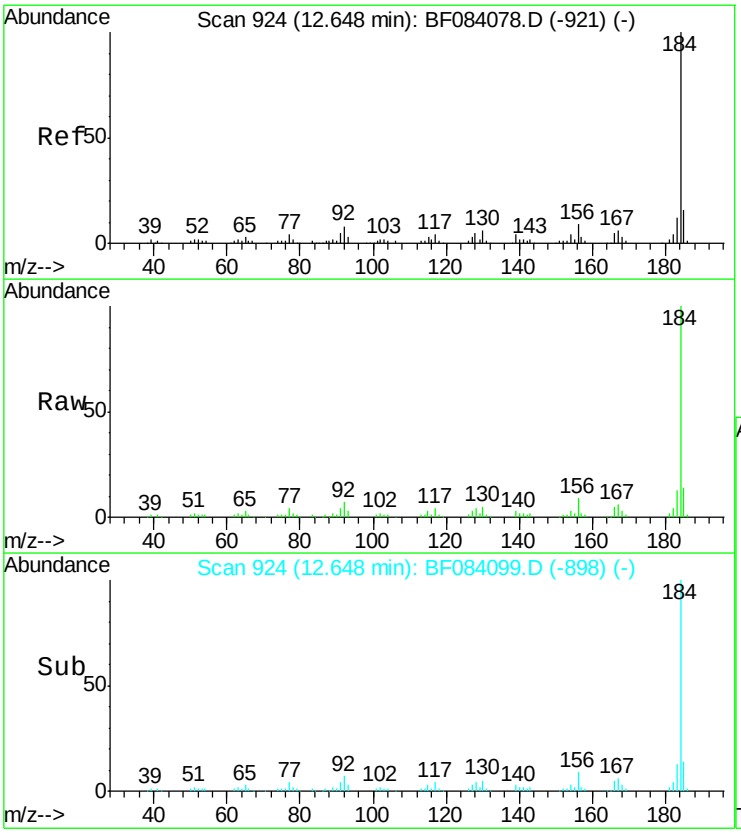

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:240 Resp: 133766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.8 | 9.5 | 14.3# |
| 236 | 25.5 | 20.6 | 31.0 |

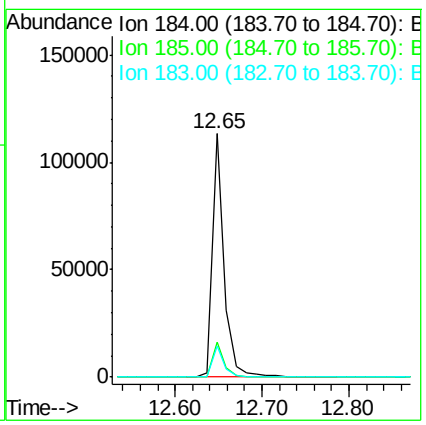


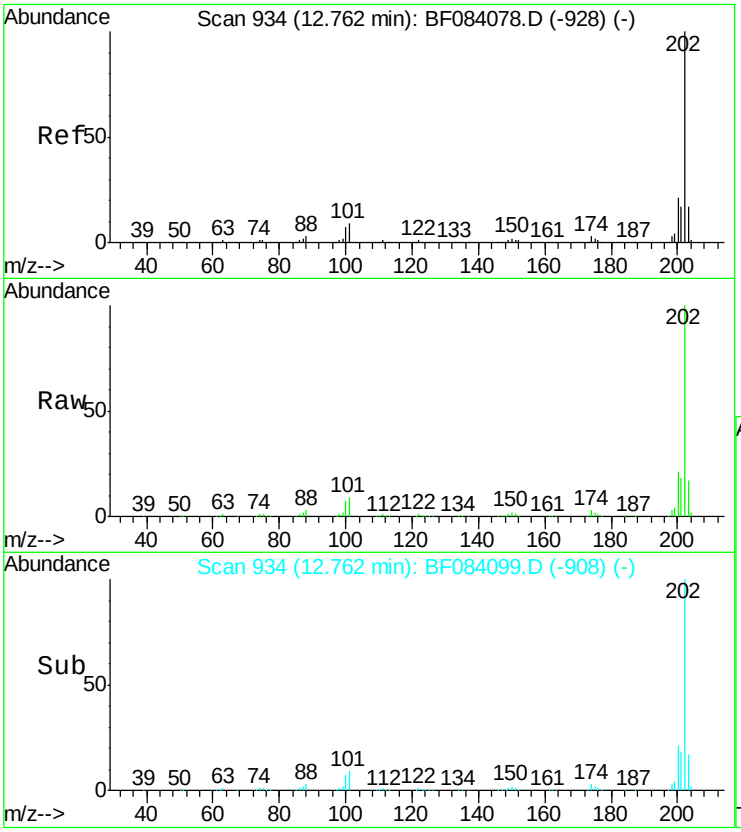




#76
Benzidine
Concen: 23.72 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:184 Resp: 107828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 12.2 | 18.2 |
| 183 | 12.5 | 9.8 | 14.8 |



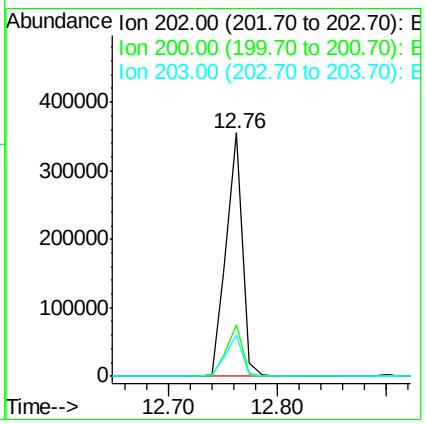


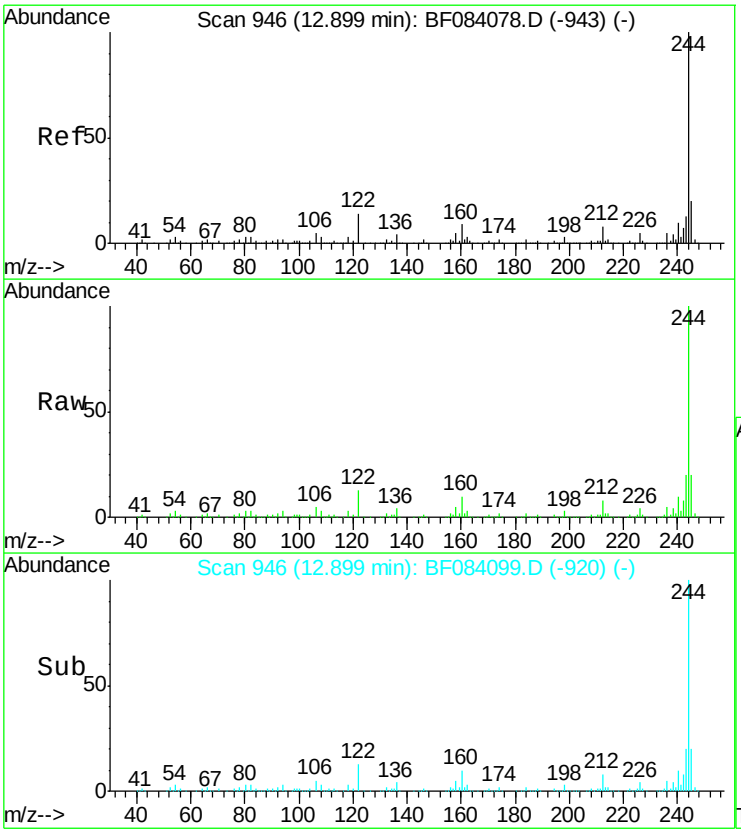

#77
Pyrene
Concen: 31.60 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:202 Resp: 364679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 17.2 | 25.8 |
| 203 | 17.2 | 14.3 | 21.5 |

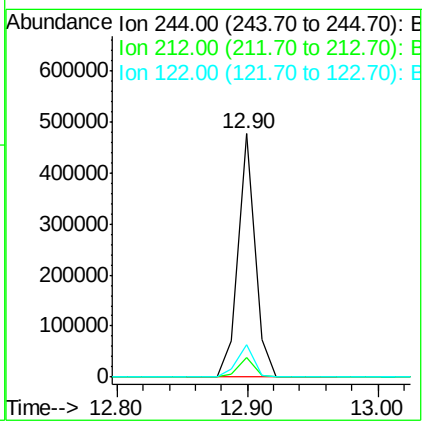


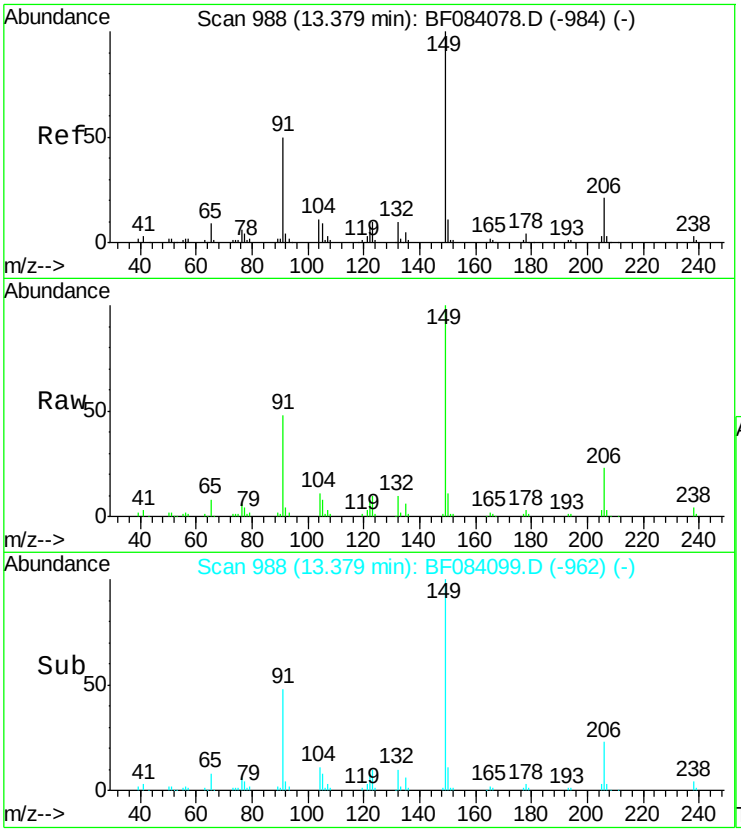




#78
Terphenyl-d14
Concen: 57.98 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:244 Resp: 428617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 5.7 | 8.5 |
| 122 | 13.2 | 7.4 | 11.0# |



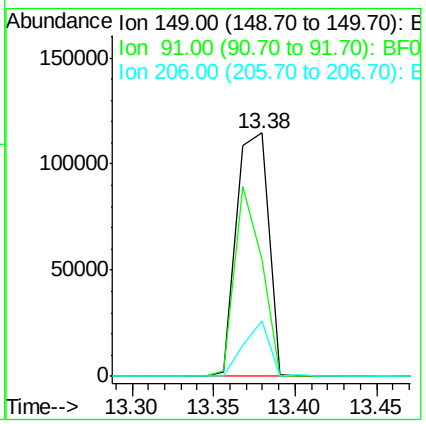


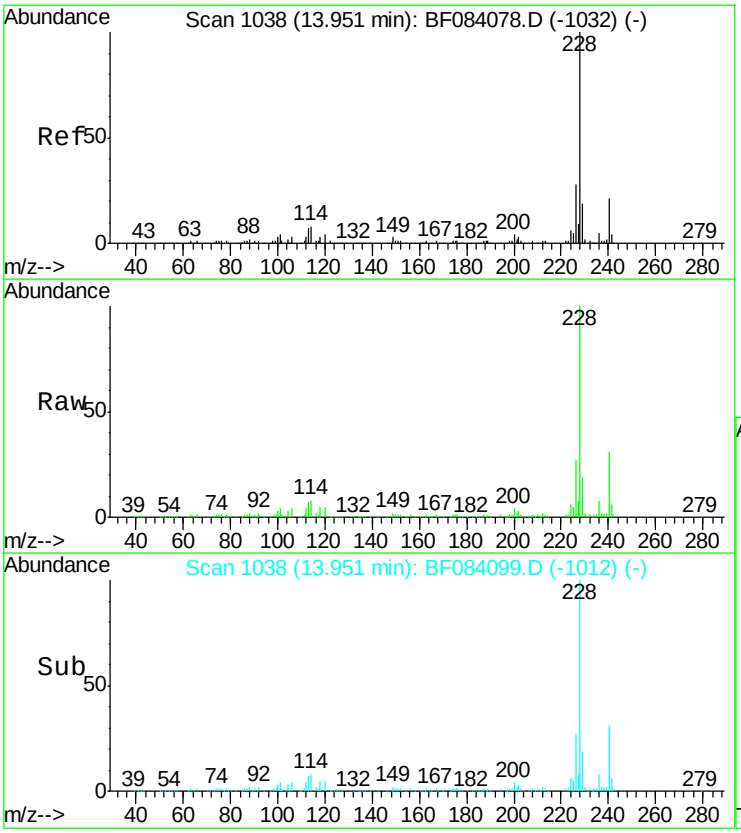

#79
Butylbenzylphthalate
Concen: 32.54 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:149 Resp: 155448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 47.9 | 57.6 | 86.4# |
| 206 | 22.5 | 13.2 | 19.8# |

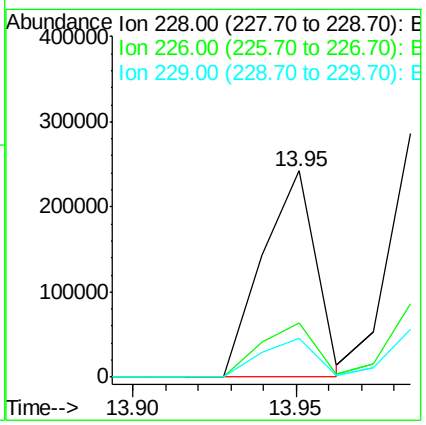


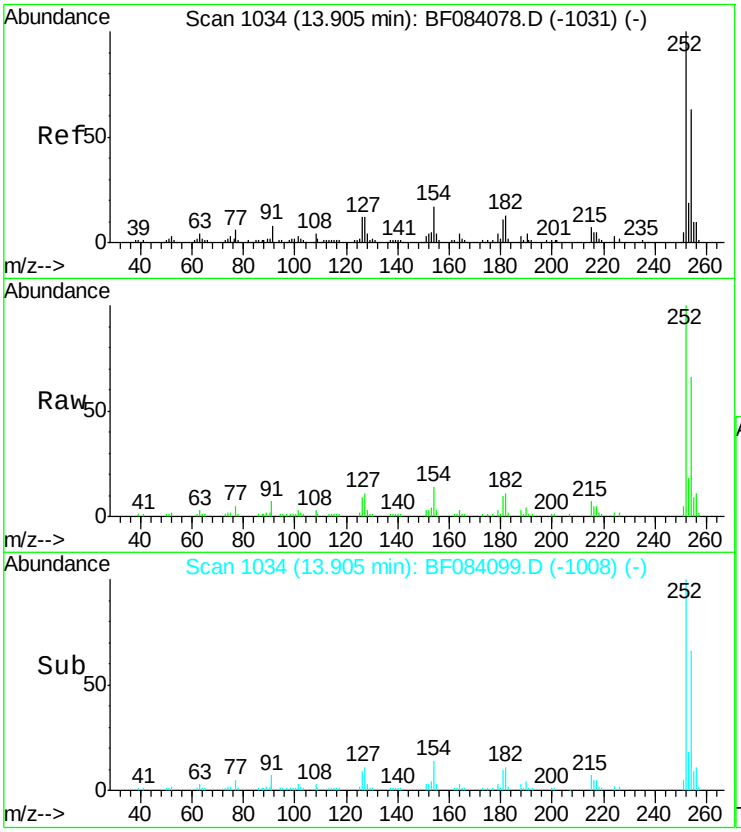




#80
Benzo(a)anthracene
Concen: 33.36 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:228 Resp: 274504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.5 | 21.8 | 32.6 |
| 229 | 18.8 | 15.8 | 23.8 |



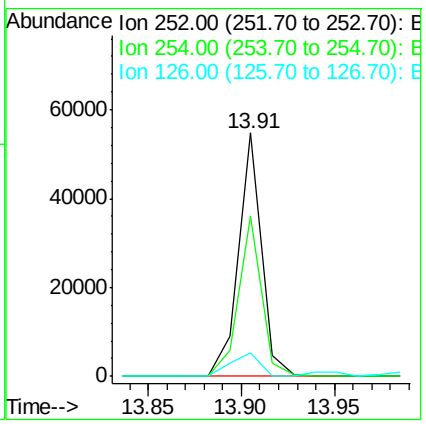


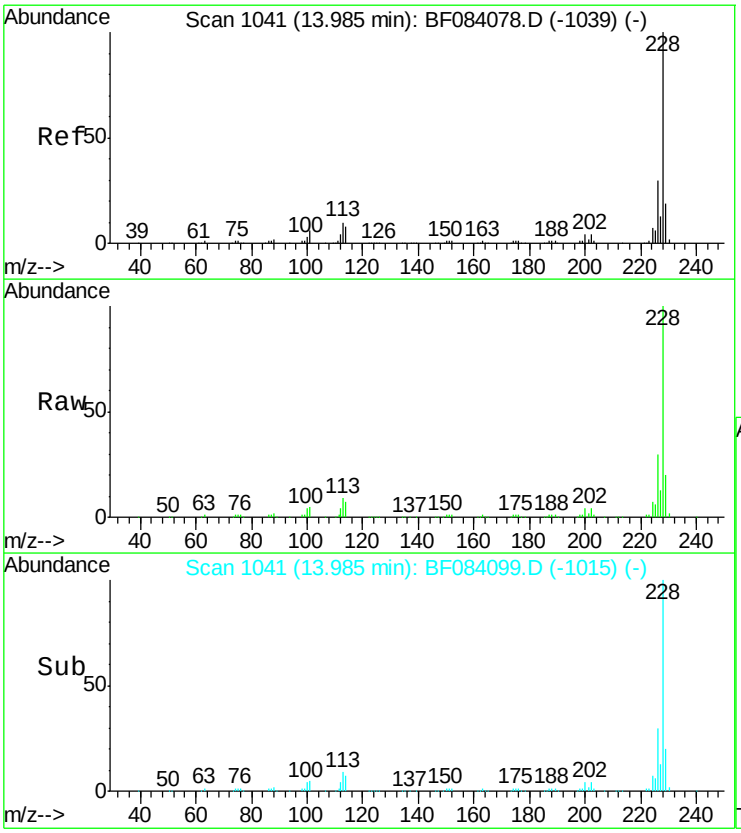

#81
3,3'-Dichlorobenzidine
Concen: 19.07 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:252 Resp: 47528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.8 | 53.5 | 80.3 |
| 126 | 9.5 | 4.9 | 7.3# |

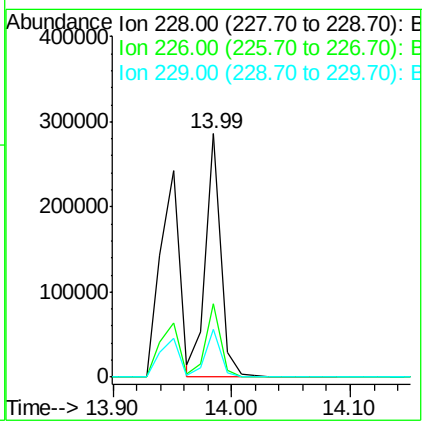


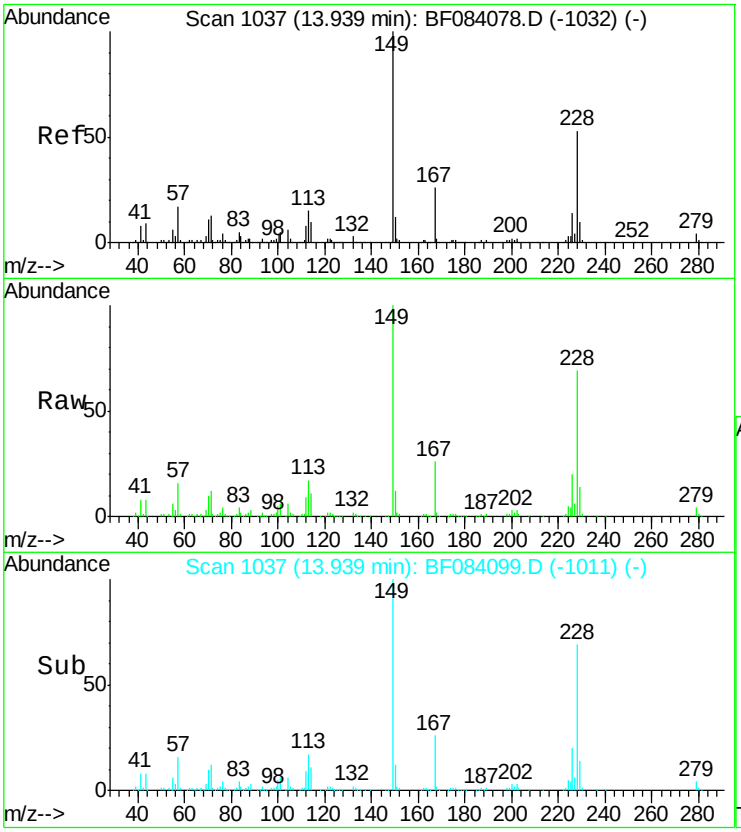




#82
Chrysene
Concen: 34.04 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:228 Resp: 258256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.3 | 36.5 |
| 229 | 19.6 | 16.1 | 24.1 |



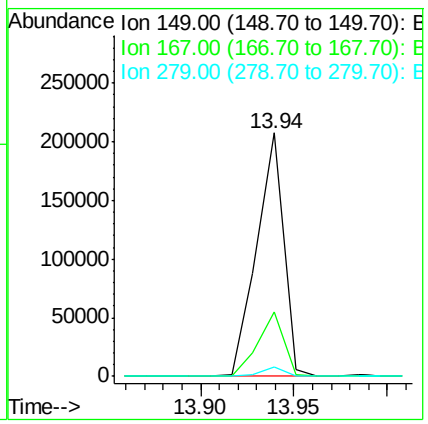


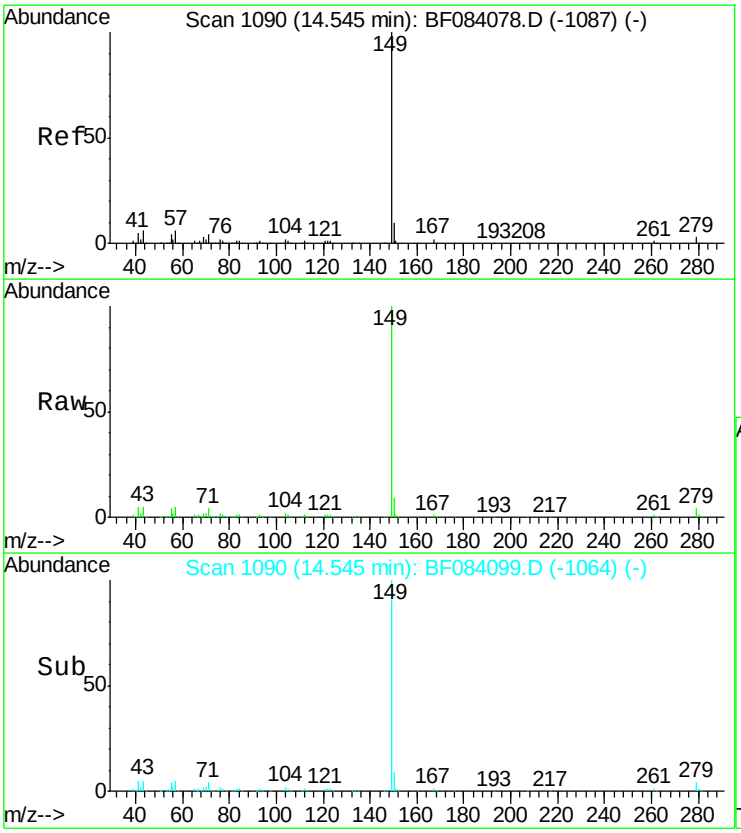

#83
Bis(2-ethylhexyl)phthalate
Concen: 33.65 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:149 Resp: 207734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.4 | 19.7 | 29.5 |
| 279 | 4.0 | 1.8 | 2.6# |

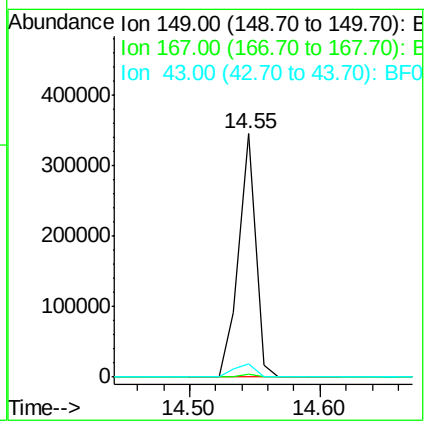


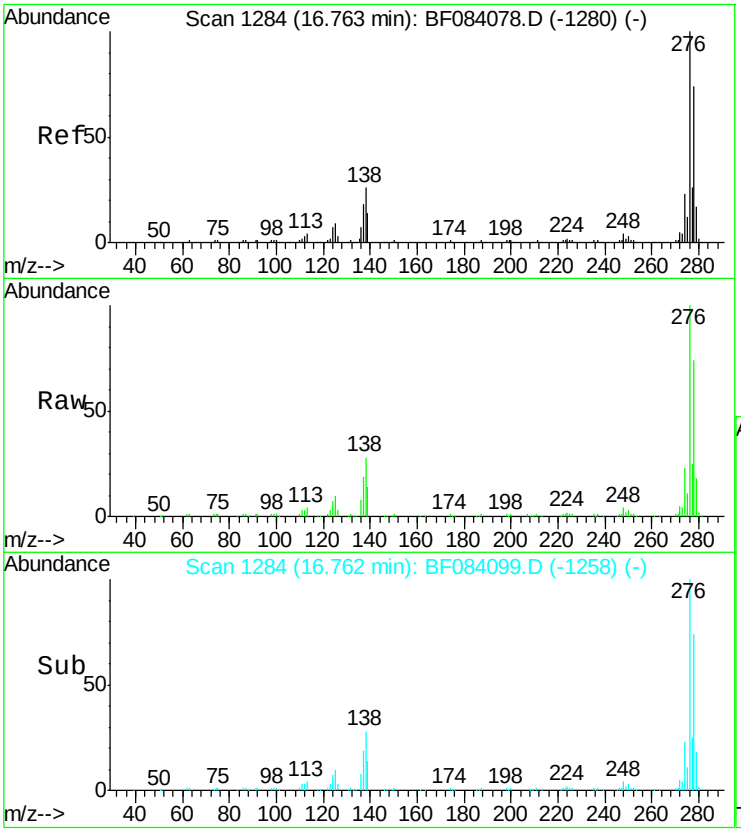




#84
Di-n-octyl phthalate
Concen: 36.07 ng
RT: 14.55 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:149 Resp: 313283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.2 | 1.8 |
| 43 | 6.7 | 5.6 | 8.4 |



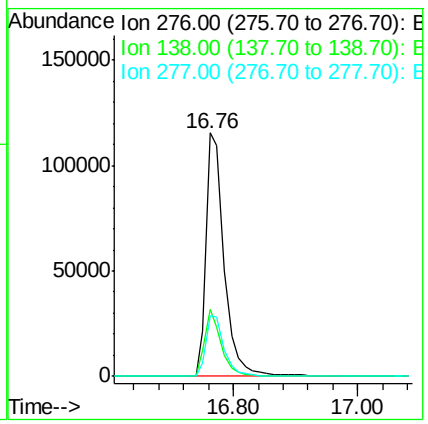


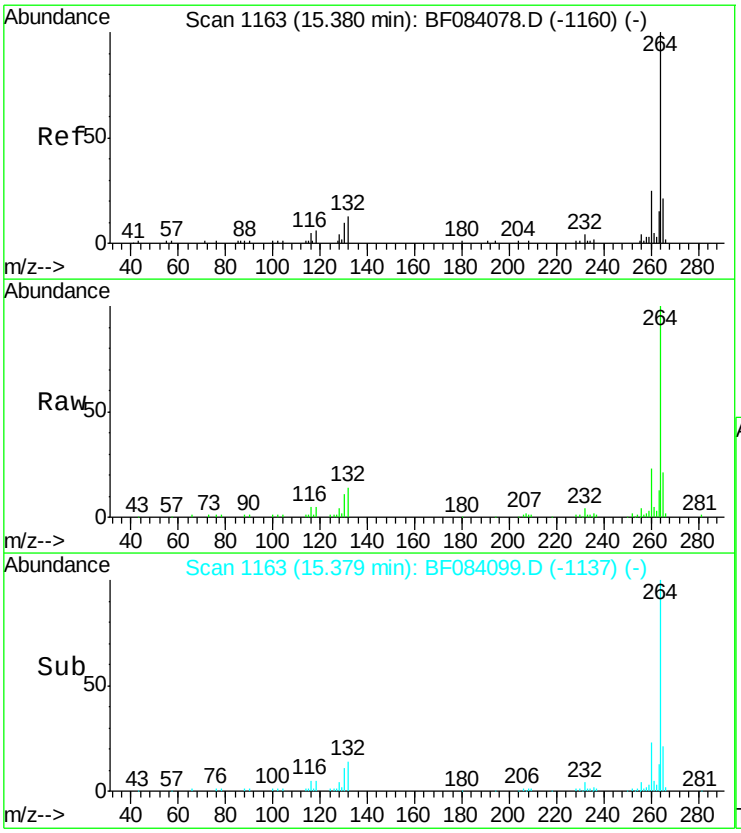

#85
Indeno(1,2,3-cd)pyrene
Concen: 30.60 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:276 Resp: 232508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.3 | 20.6 | 30.8 |
| 277 | 25.4 | 20.1 | 30.1 |

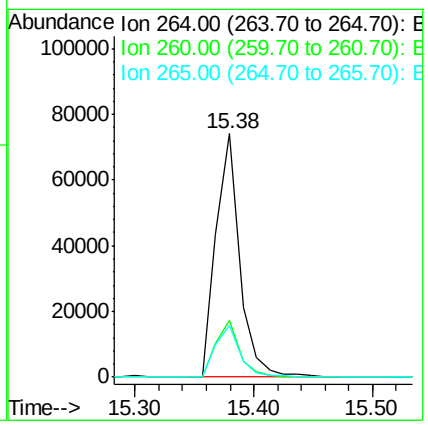


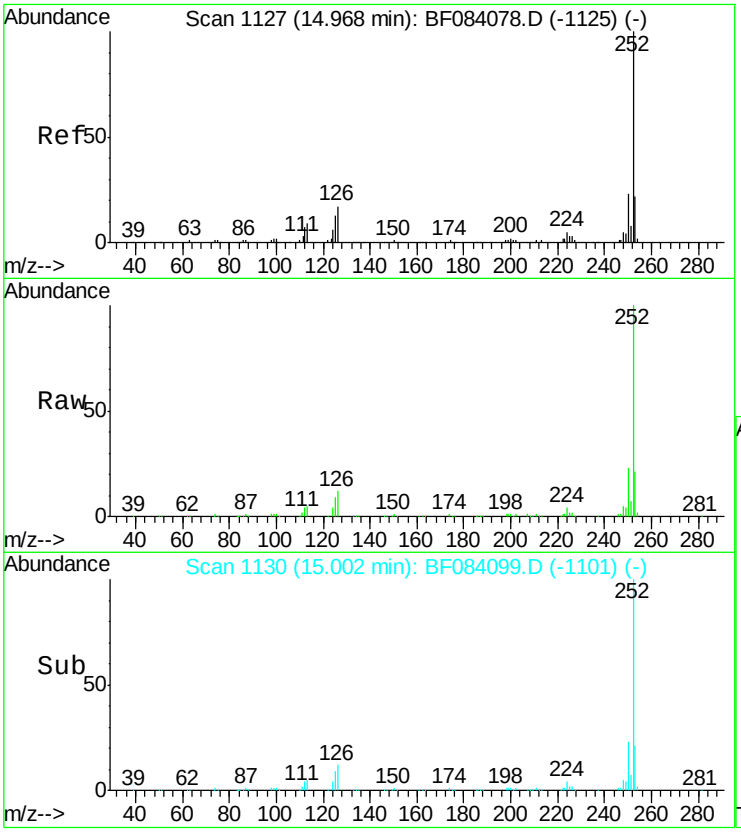




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:264 Resp: 102092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 19.4 | 29.2 |
| 265 | 21.0 | 17.8 | 26.6 |



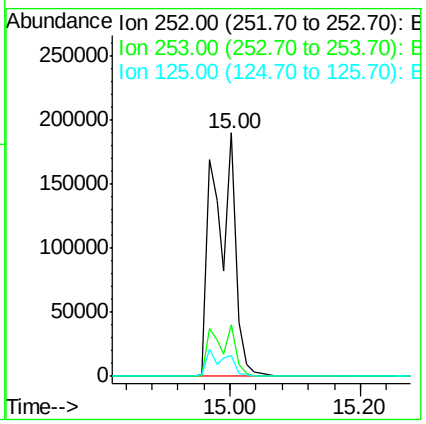


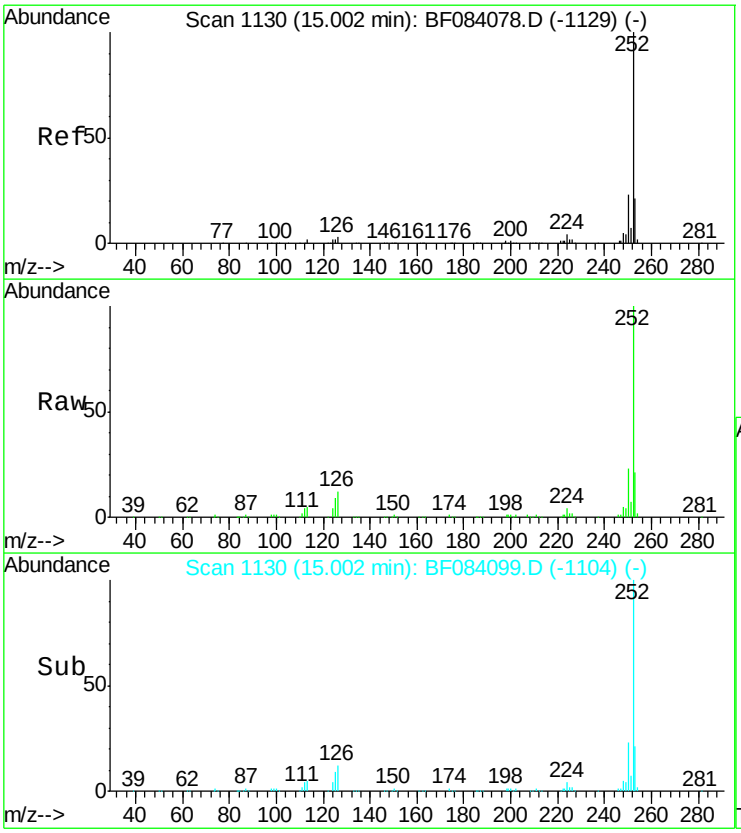

#87
Benzo(b)fluoranthene
Concen: 57.96 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:252 Resp: 439440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.3 | 25.9 |
| 125 | 8.6 | 6.5 | 9.7 |

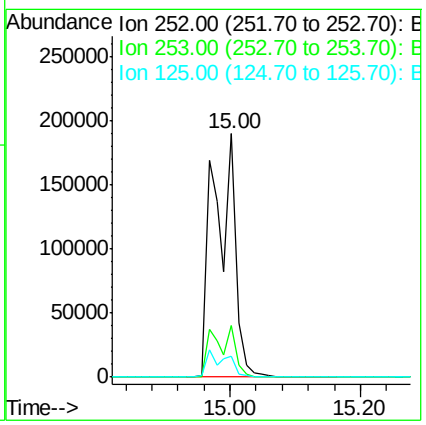


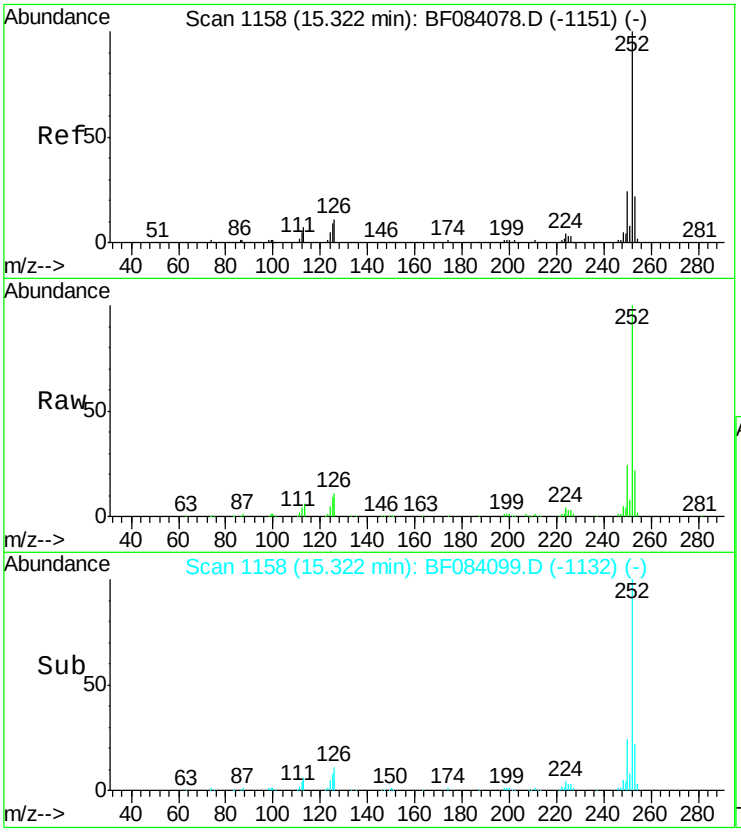




#88
Benzo(k)fluoranthene
Concen: 85.53 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:252 Resp: 439440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 18.1 | 27.1 |
| 125 | 8.6 | 9.0 | 13.6# |



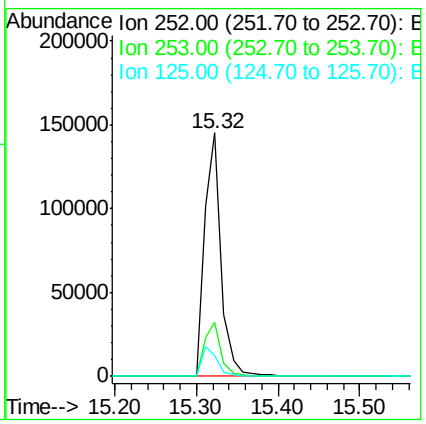


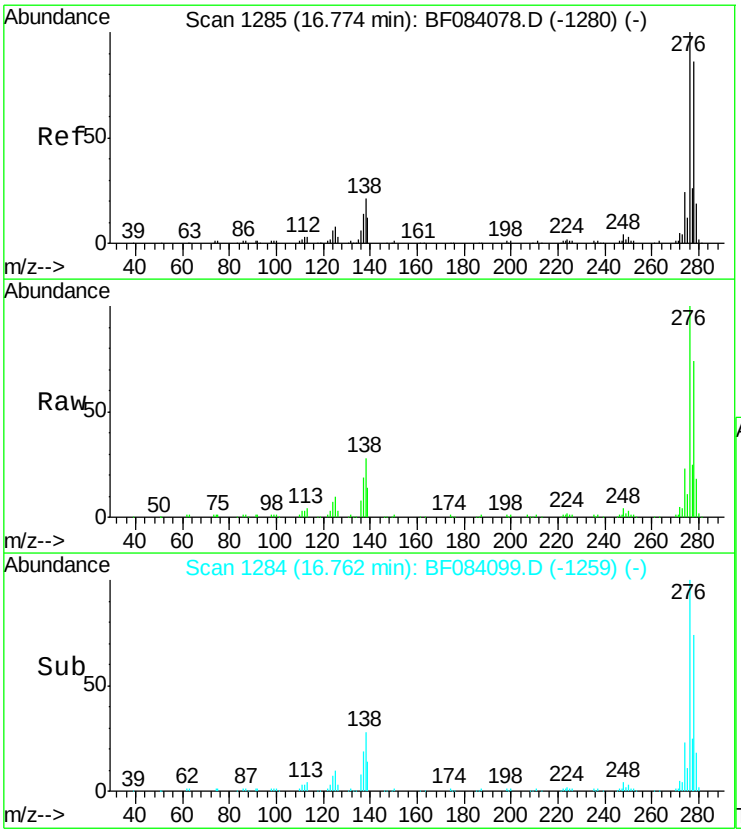

#89
Benzo(a)pyrene
Concen: 33.15 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:252 Resp: 207048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.3 | 25.9 |
| 125 | 8.5 | 7.0 | 10.4 |

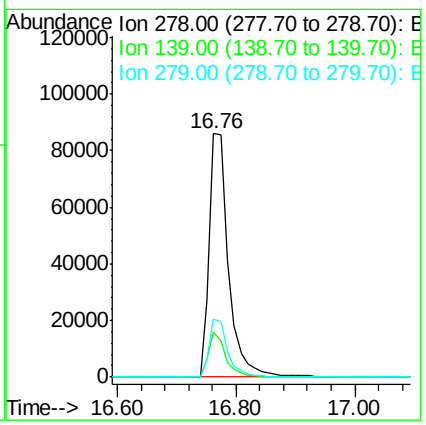


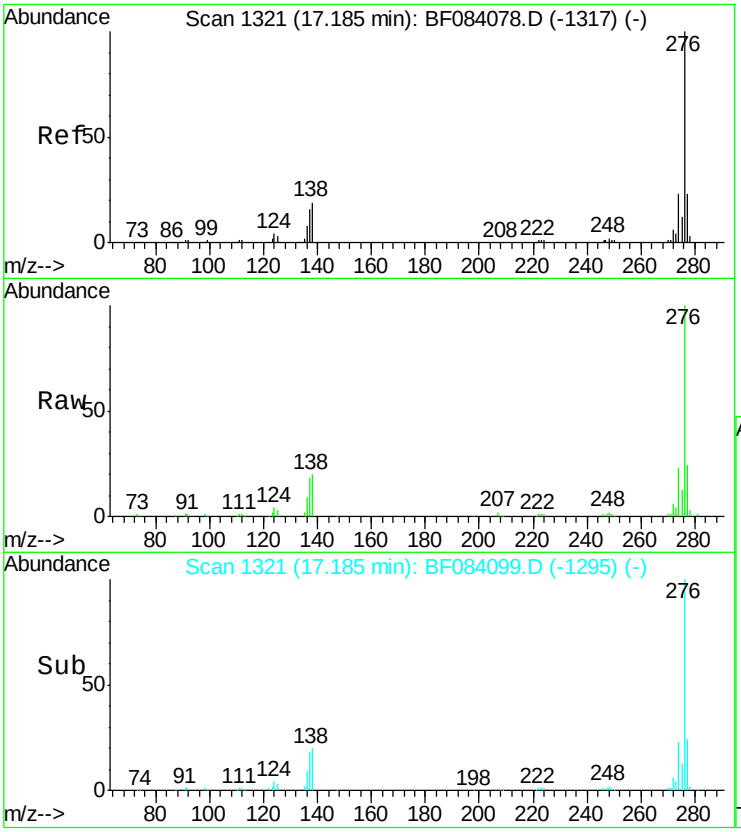




#90
Dibenzo(a,h)anthracene
Concen: 31.81 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

Tgt Ion:278 Resp: 193906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.6 | 15.0 | 22.4 |
| 279 | 23.6 | 18.9 | 28.3 |






#91
Benzo(g,h,i)perylene
Concen: 31.36 ng
RT: 17.19 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF084099.D
Acq: 25 Dec 2015 00:46

**Instrument :**
BNA_F
**ClientSampleId :**
PB87558BSD

Tgt Ion:276 Resp: 195123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 18.8 | 28.2 |
| 138 | 20.0 | 17.8 | 26.6 |