Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
Data File : BF078817.D
Acq On : 29 Apr 2015 17:03
Operator : TP/IZ
Sample : PB83015BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB83015BS

Quant Time: Apr 30 01:14:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.38 | 152 | 76774 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.96 | 136 | 314566 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 11.14 | 164 | 153995 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.98 | 188 | 285311 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 16.31 | 240 | 310510 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 18.13 | 264 | 299704 | 20.00 | ng | | 0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.68 | 112 | 541839 | 129.63 | ng | | 0.00 |
| 7) Phenol-d6 | 6.92 | 99 | 681361 | 122.05 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.07 | 82 | 368004 | 84.23 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.12 | 330 | 198382 | 129.59 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 10.31 | 172 | 839464 | 74.65 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.98 | 244 | 961382 | 73.74 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.38 | 88 | 61970 | 32.31 | ng | # | 21 |
| 3) Pyridine | 3.14 | 79 | 191720 | 33.85 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.05 | 42 | 92089 | 36.19 | ng | | 95 |
| 6) Aniline | 6.97 | 93 | 180716 | 22.16 | ng | | 97 |
| 8) 2-Chlorophenol | 7.11 | 128 | 198711 | 41.36 | ng | | 94 |
| 9) Benzaldehyde | 6.83 | 77 | 13184 | 3.27 | ng | | 89 |
| 10) Phenol | 6.95 | 94 | 254417 | 38.56 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 7.07 | 93 | 189321 | 38.79 | ng | | 89 |
| 12) 1,3-Dichlorobenzene | 7.31 | 146 | 203627 | 36.50 | ng | # | 90 |
| 13) 1,4-Dichlorobenzene | 7.40 | 146 | 215900 | 37.80 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.59 | 146 | 201257 | 37.71 | ng | | 97 |
| 15) Benzyl Alcohol | 7.55 | 79 | 161450 | 38.81 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.74 | 45 | 296275 | 38.84 | ng | | 98 |
| 17) 2-Methylphenol | 7.69 | 107 | 159864 | 41.10 | ng | | 95 |
| 18) Hexachloroethane | 8.01 | 117 | 71806 | 38.06 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 7.90 | 70 | 152515 | 39.15 | ng | # | 87 |
| 20) 3+4-Methylphenols | 7.88 | 107 | 216620 | 42.75 | ng | | 90 |
| 22) Acetophenone | 7.88 | 105 | 281303 | 40.36 | ng | # | 91 |
| 24) Nitrobenzene | 8.09 | 77 | 203108 | 43.41 | ng | | 94 |
| 25) Isophorone | 8.40 | 82 | 382366 | 38.71 | ng | # | 92 |
| 26) 2-Nitrophenol | 8.49 | 139 | 74529 | 54.23 | ng | # | 88 |
| 27) 2,4-Dimethylphenol | 8.55 | 122 | 182333 | 41.61 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 8.67 | 93 | 254573 | 41.74 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.78 | 162 | 160908 | 42.96 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 8.89 | 180 | 166844 | 38.79 | ng | | 96 |
| 31) Naphthalene | 8.98 | 128 | 564068 | 37.78 | ng | | 99 |
| 32) Benzoic acid | 8.63 | 122 | 75544 | 56.81 | ng | | 96 |
| 33) 4-Chloroaniline | 9.05 | 127 | 115460 | 18.38 | ng | | 95 |
| 34) Hexachlorobutadiene | 9.14 | 225 | 94251 | 38.84 | ng | | 97 |
| 35) Caprolactam | 9.47 | 113 | 51228 | 42.96 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 9.66 | 107 | 176543 | 44.90 | ng | | 90 |
| 37) 2-Methylnaphthalene | 9.85 | 142 | 413372 | 41.15 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.06 | 216 | 161973 | 37.12 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 10.04 | 237 | 168874 | 92.08 | ng | | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
Data File : BF078817.D
Acq On : 29 Apr 2015 17:03
Operator : TP/IZ
Sample : PB83015BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB83015BS

Quant Time: Apr 30 01:14:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 10.19 | 196 | 109875 | 41.33 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 10.24 | 196 | 116856 | 41.30 | ng | # | 90 |
| 45) 1,1'-Biphenyl | 10.43 | 154 | 474437 | 38.39 | ng | | 96 |
| 46) 2-Chloronaphthalene | 10.46 | 162 | 366069 | 37.90 | ng | | 93 |
| 47) 2-Nitroaniline | 10.57 | 65 | 98710 | 46.79 | ng | # | 84 |
| 48) Acenaphthylene | 10.96 | 152 | 599429 | 37.93 | ng | | 100 |
| 49) Dimethylphthalate | 10.81 | 163 | 421005 | 38.46 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.89 | 165 | 81610 | 45.76 | ng | # | 65 |
| 51) Acenaphthene | 11.18 | 154 | 353839 | 38.12 | ng | | 99 |
| 52) 3-Nitroaniline | 11.08 | 138 | 68327 | 29.53 | ng | | 85 |
| 53) 2,4-Dinitrophenol | 11.22 | 184 | 40926 | 143.55 | ng | # | 76 |
| 54) Dibenzofuran | 11.39 | 168 | 523284 | 38.43 | ng | | 97 |
| 55) 4-Nitrophenol | 11.28 | 139 | 164836 | 88.06 | ng | # | 65 |
| 56) 2,4-Dinitrotoluene | 11.38 | 165 | 113607 | 51.68 | ng | # | 71 |
| 57) Fluorene | 11.82 | 166 | 434833 | 39.95 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.54 | 232 | 94877 | 44.77 | ng | # | 100 |
| 59) Diethylphthalate | 11.69 | 149 | 436808 | 40.10 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 11.83 | 204 | 193695 | 39.99 | ng | | 93 |
| 61) 4-Nitroaniline | 11.84 | 138 | 94142 | 40.66 | ng | | 94 |
| 62) Azobenzene | 12.02 | 77 | 463563 | 41.73 | ng | | 94 |
| 64) 4,6-Dinitro-2-methylphenol | 11.88 | 198 | 30108 | 59.13 | ng | # | 61 |
| 65) n-Nitrosodiphenylamine | 11.98 | 169 | 380063 | 41.20 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 12.43 | 248 | 115046 | 39.95 | ng | # | 83 |
| 67) Hexachlorobenzene | 12.50 | 284 | 131254 | 40.23 | ng | # | 78 |
| 68) Atrazine | 12.65 | 200 | 114188 | 46.22 | ng | | 94 |
| 69) Pentachlorophenol | 12.74 | 266 | 146648 | 84.38 | ng | | 97 |
| 70) Phenanthrene | 13.02 | 178 | 640166 | 41.44 | ng | | 100 |
| 71) Anthracene | 13.09 | 178 | 644043 | 42.64 | ng | | 99 |
| 72) Carbazole | 13.28 | 167 | 614483 | 43.09 | ng | | 98 |
| 73) Di-n-butylphthalate | 13.74 | 149 | 701354 | 42.45 | ng | # | 98 |
| 74) Fluoranthene | 14.50 | 202 | 681625 | 44.25 | ng | | 92 |
| 76) Benzidine | 14.67 | 184 | 233130 | 23.19 | ng | | 99 |
| 77) Pyrene | 14.78 | 202 | 717578 | 39.55 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.61 | 149 | 298431 | 42.90 | ng | | 90 |
| 80) Benzo(a)anthracene | 16.30 | 228 | 666608 | 40.01 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 16.27 | 252 | 163222 | 28.78 | ng | | 99 |
| 82) Chrysene | 16.34 | 228 | 631448 | 38.88 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 16.35 | 149 | 456221 | 40.85 | ng | | 99 |
| 84) Di-n-octyl phthalate | 17.19 | 149 | 753655 | 42.51 | ng | # | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 19.66 | 276 | 771638 | 41.89 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 17.66 | 252 | 769964 | 47.46 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 17.69 | 252 | 559688 | 35.60 | ng | | 98 |
| 89) Benzo(a)pyrene | 18.06 | 252 | 630099 | 43.41 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 19.69 | 278 | 632070 | 42.04 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 20.11 | 276 | 644033 | 42.68 | ng | | 98 |

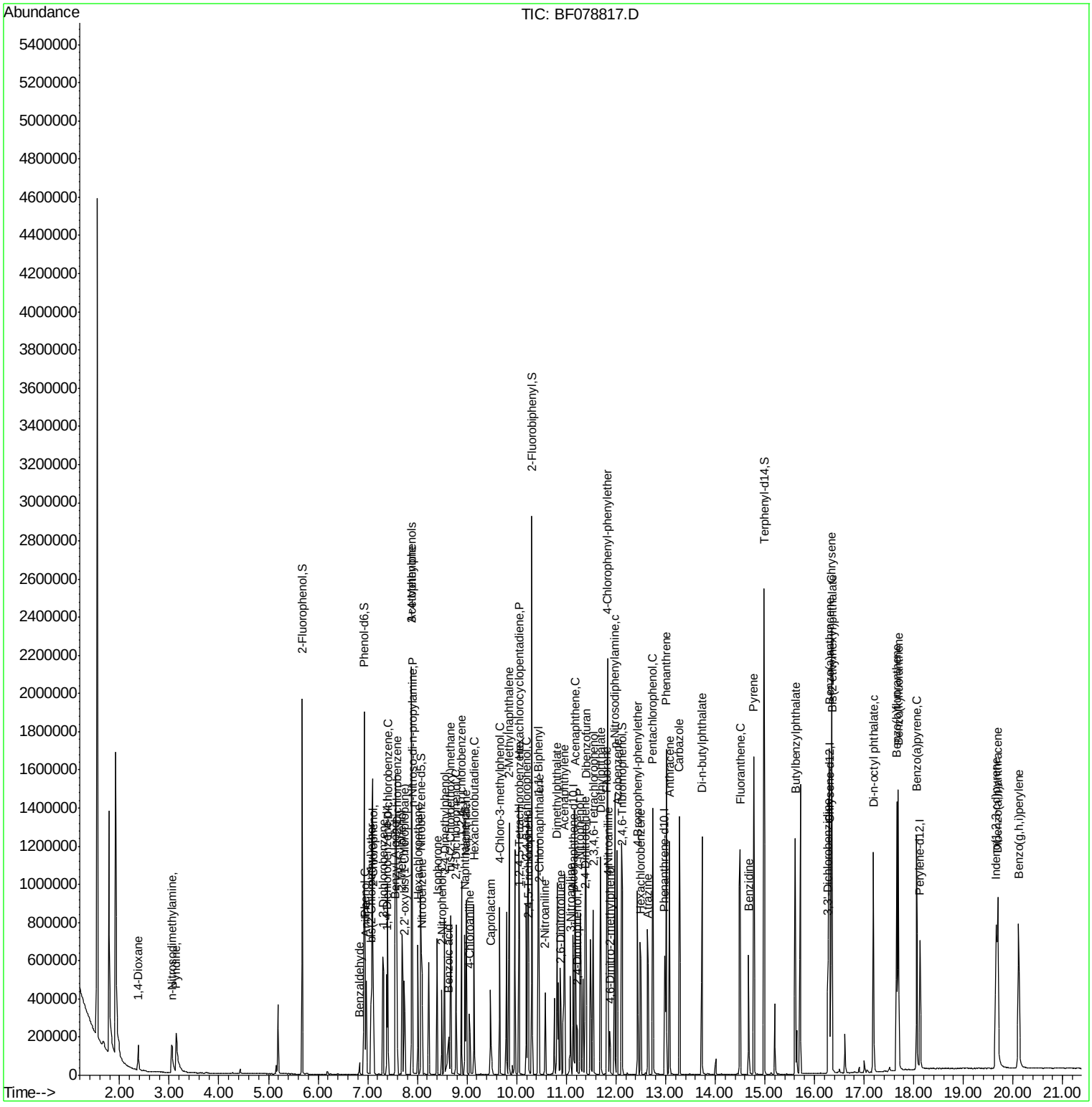
(#) = qualifier out of range (m) = manual integration (+) = signals summed

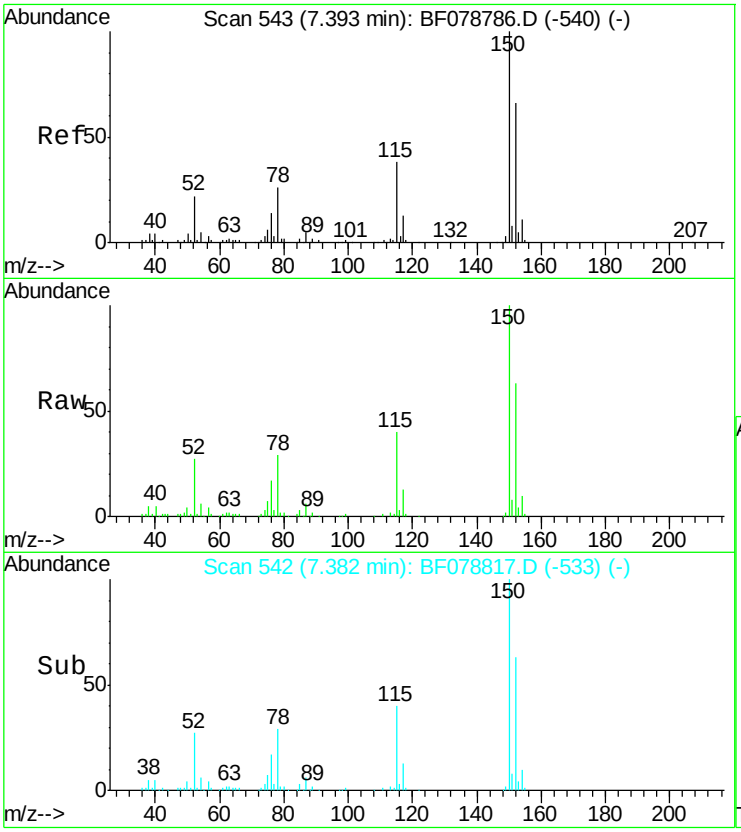
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
Data File : BF078817.D
Acq On : 29 Apr 2015 17:03
Operator : TP/IZ
Sample : PB83015BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Quant Time: Apr 30 01:14:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration



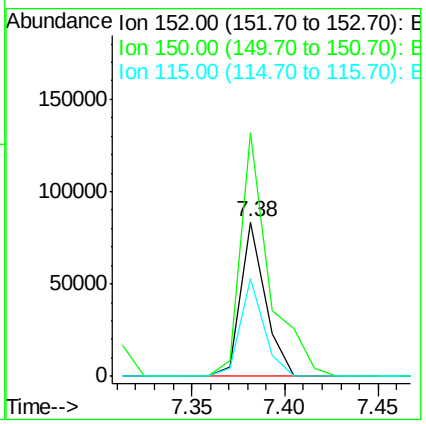


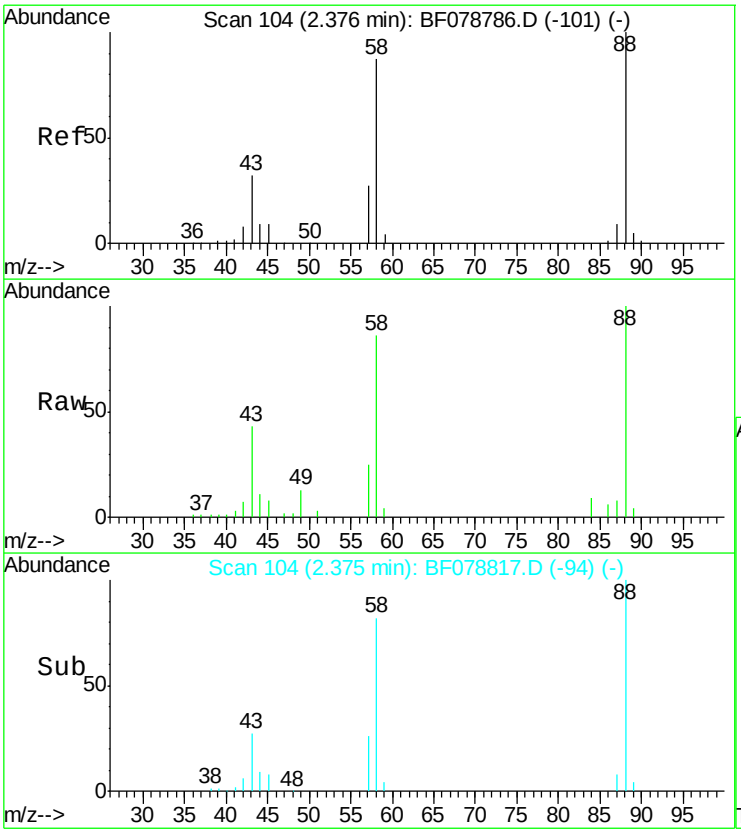

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:152 Resp: 76774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.6 | 122.0 | 183.0 |
| 115 | 63.4 | 46.3 | 69.5 |

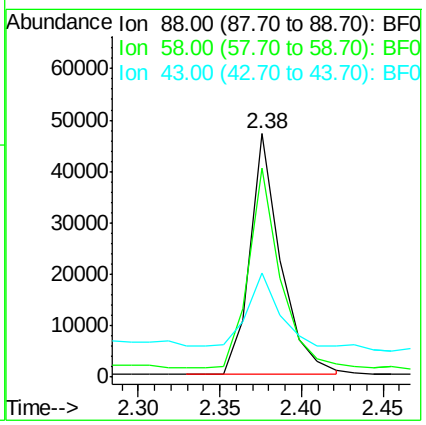


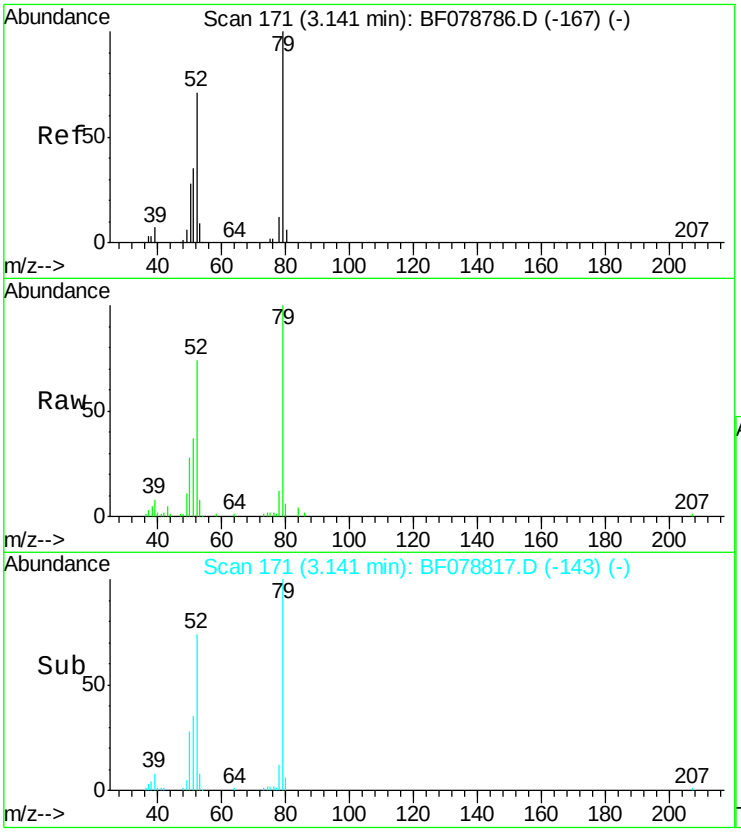




#2
1,4-Dioxane
Concen: 32.31 ng
RT: 2.38 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion: 88 Resp: 61970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 85.0 | 0.0 | 0.0# |
| 43 | 30.1 | 3.3 | 4.9# |



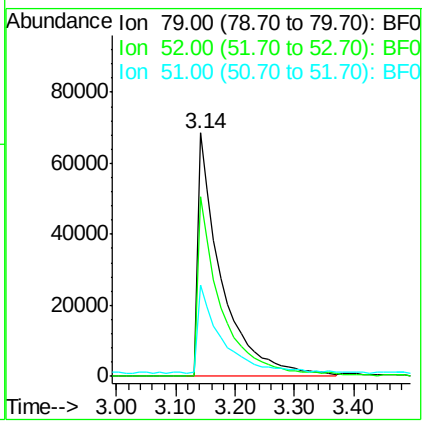


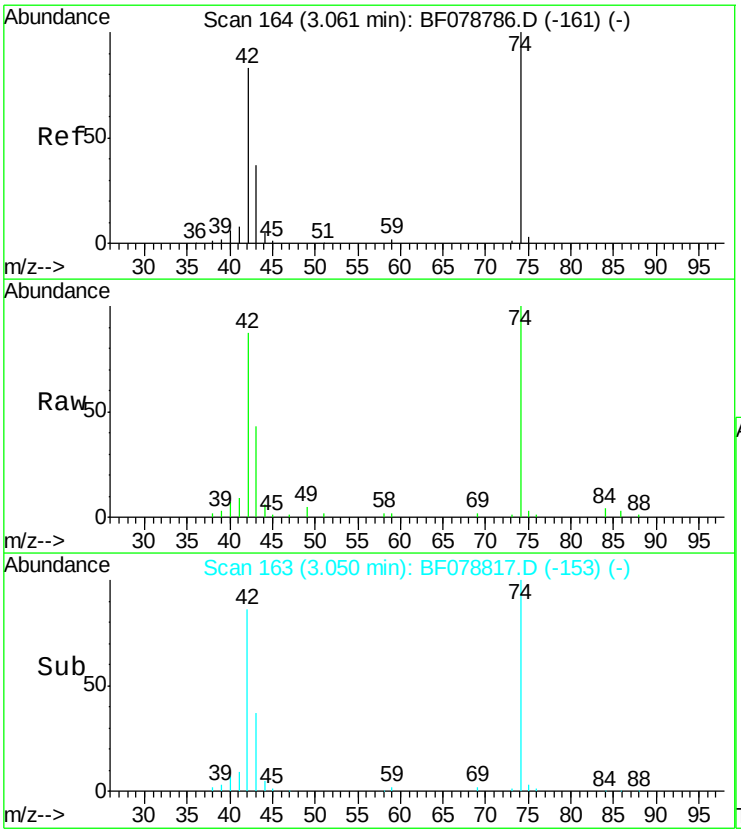

#3
Pyridine
Concen: 33.85 ng
RT: 3.14 min Scan# 171
Delta R.T. 0.02 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion: 79 Resp: 191720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 73.8 | 57.2 | 85.8 |
| 51 | 37.3 | 28.9 | 43.3 |

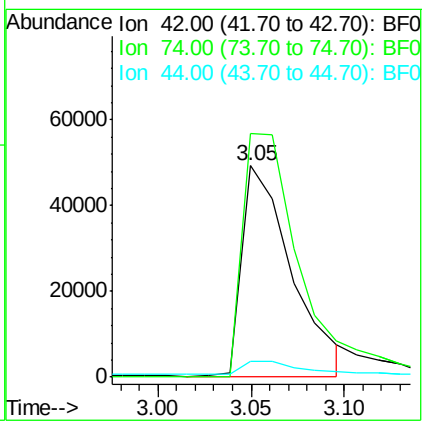


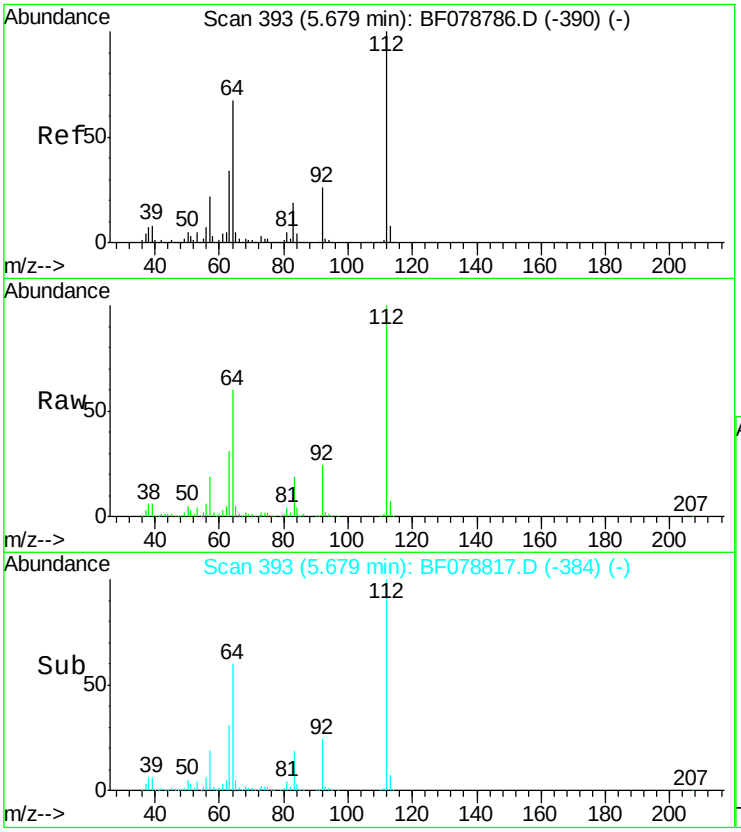




#4
n-Nitrosodimethylamine
Concen: 36.19 ng
RT: 3.05 min Scan# 163
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion: 42 Resp: 92089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 115.1 | 96.5 | 144.7 |
| 44 | 7.4 | 6.1 | 9.1 |



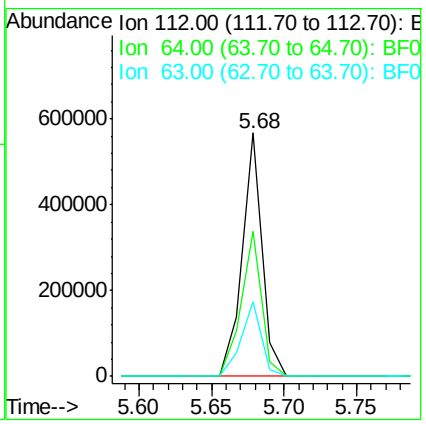


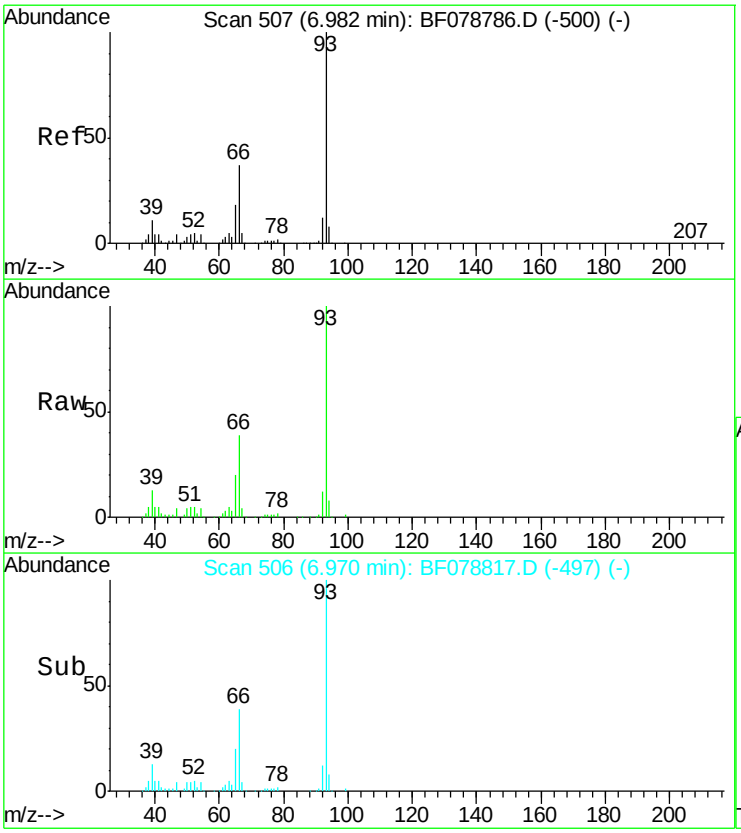

#5
2-Fluorophenol
Concen: 129.63 ng
RT: 5.68 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:112 Resp: 541839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.7 | 53.5 | 80.3 |
| 63 | 30.6 | 27.5 | 41.3 |

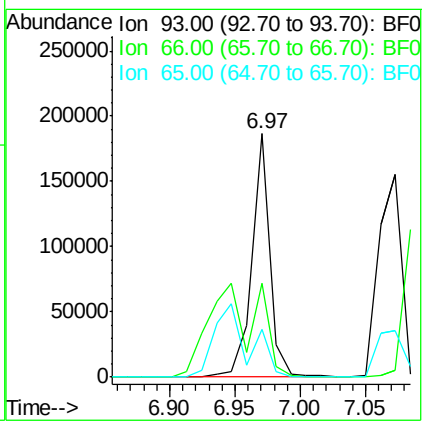


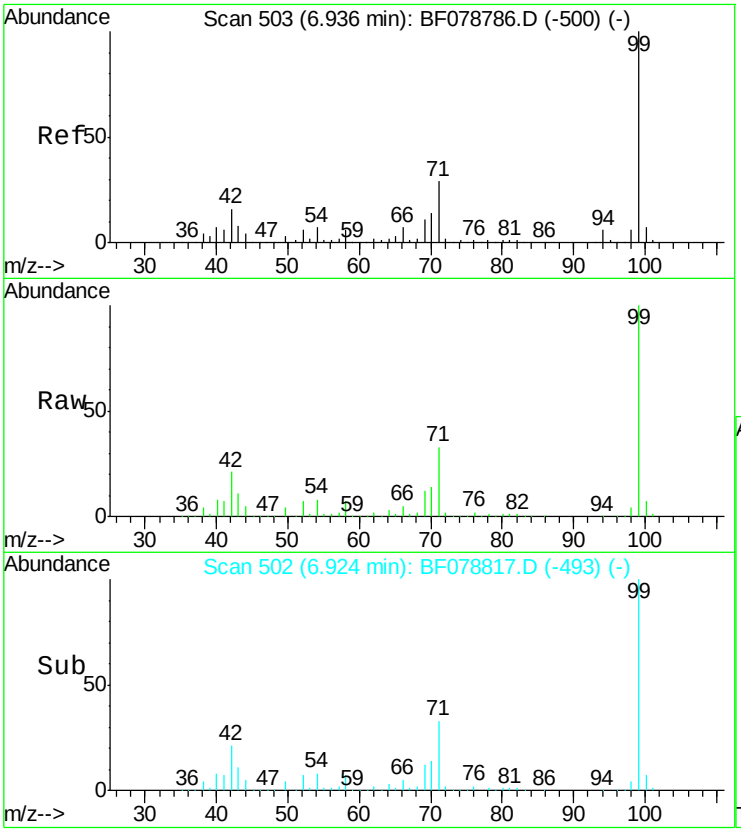




#6
Aniline
Concen: 22.16 ng
RT: 6.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion: 93 Resp: 180716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 38.6 | 29.7 | 44.5 |
| 65 | 19.6 | 14.6 | 22.0 |



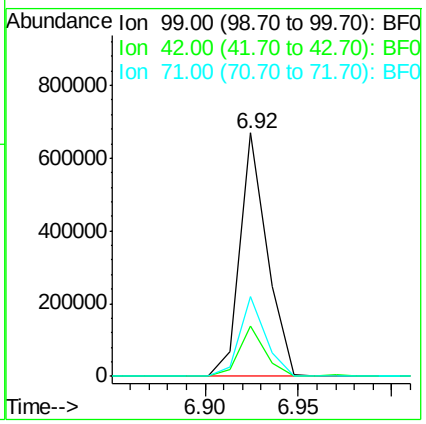


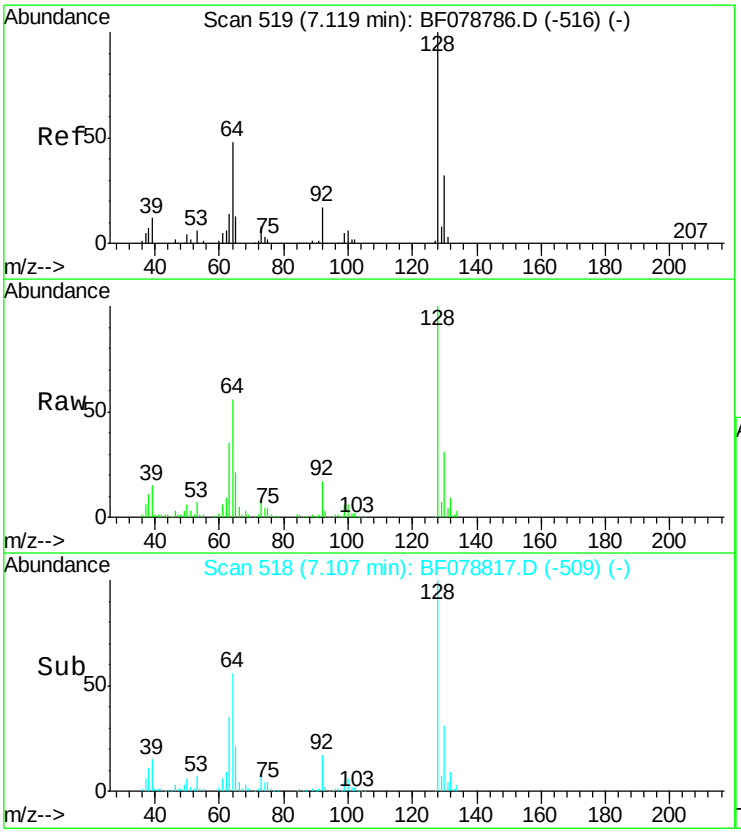

#7
Phenol-d6
Concen: 122.05 ng
RT: 6.92 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion: 99 Resp: 681361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.8 | 12.8 | 19.2# |
| 71 | 32.5 | 23.4 | 35.2 |

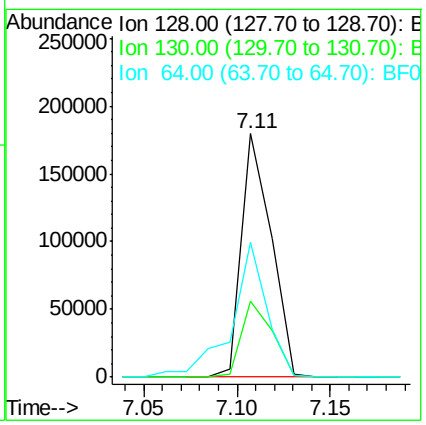


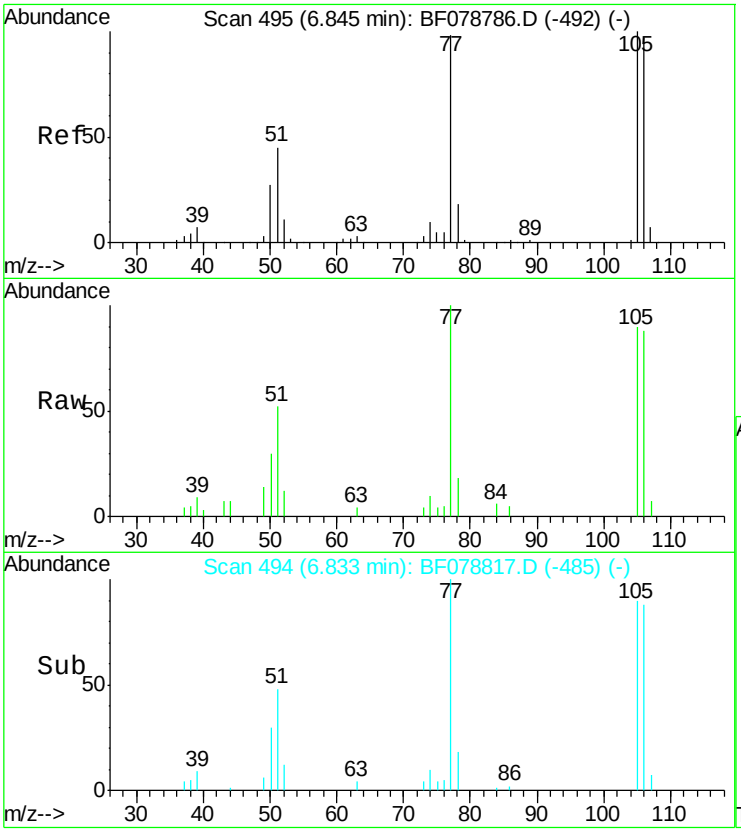




#8
2-Chlorophenol
Concen: 41.36 ng
RT: 7.11 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:128 Resp: 198711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.0 | 12.1 | 52.1 |
| 64 | 55.6 | 29.6 | 69.6 |



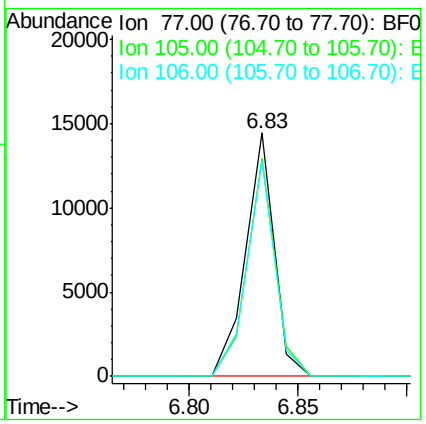


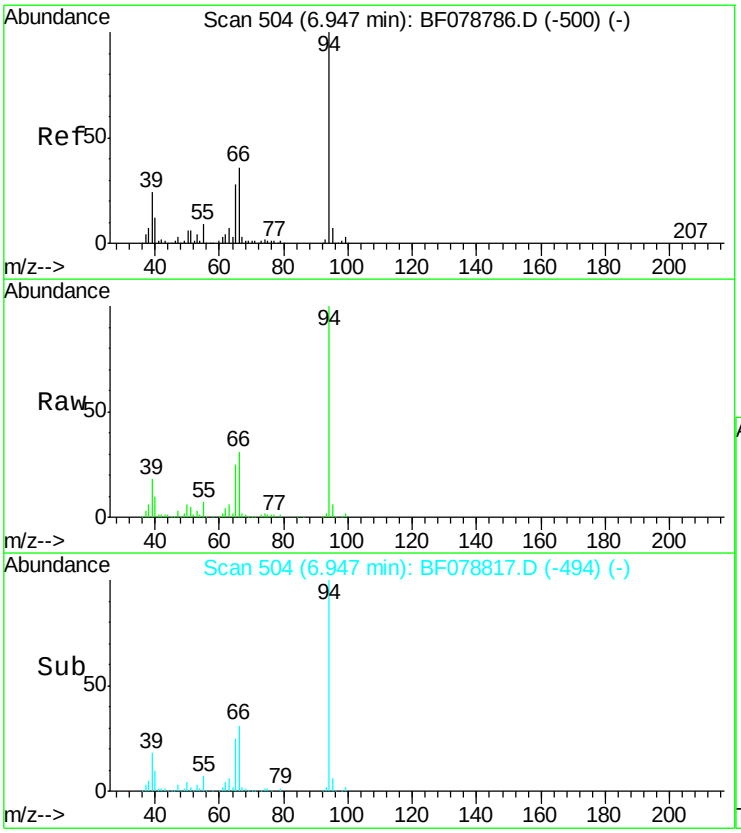

#9
Benzaldehyde
Concen: 3.27 ng
RT: 6.83 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion: 77 Resp: 13184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 89.6 | 81.7 | 121.7 |
| 106 | 88.3 | 79.0 | 119.0 |

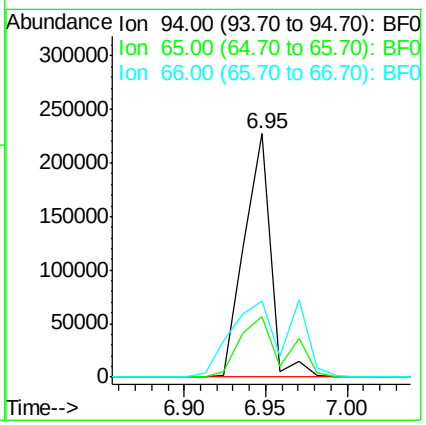


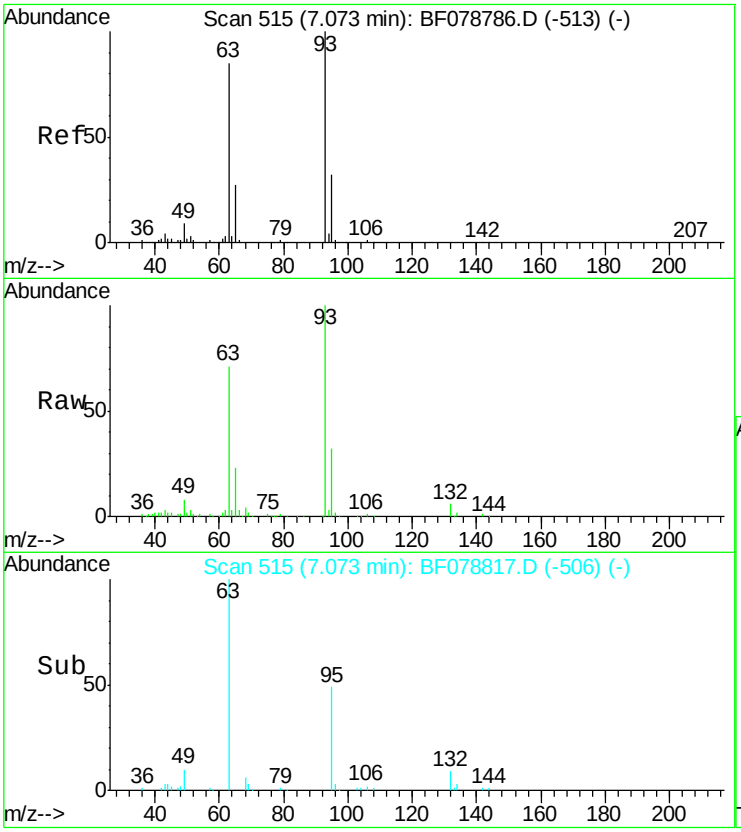




#10
Phenol
Concen: 38.56 ng
RT: 6.95 min Scan# 504
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion: 94 Resp: 254417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.7 | 8.5 | 48.5 |
| 66 | 31.4 | 16.0 | 56.0 |



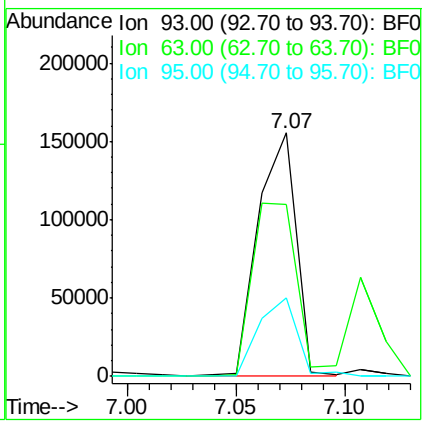


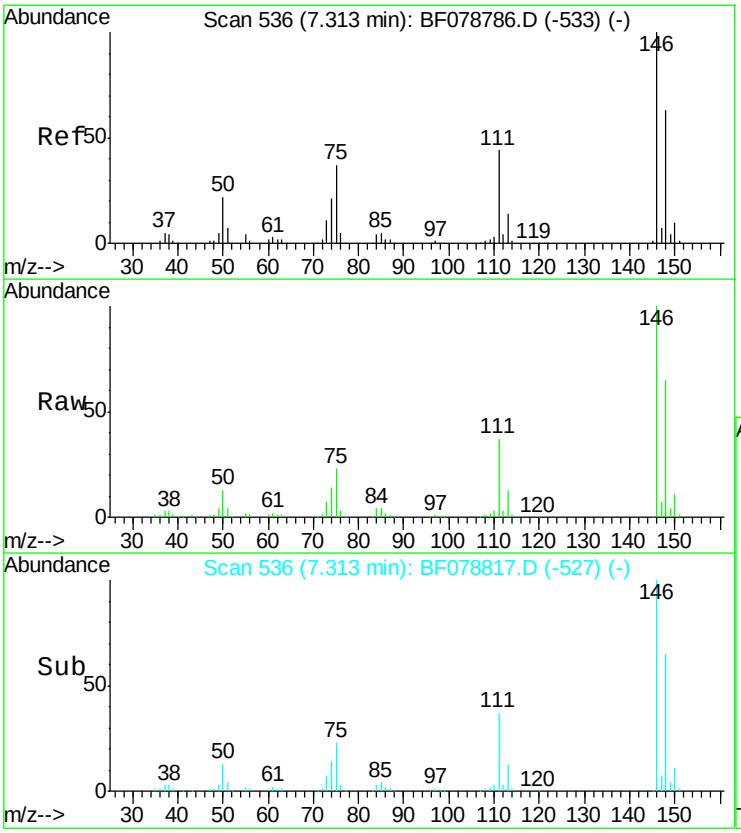

#11
bis(2-Chloroethyl)ether
Concen: 38.79 ng
RT: 7.07 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion: 93 Resp: 189321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.6 | 64.8 | 104.8 |
| 95 | 32.2 | 12.4 | 52.4 |

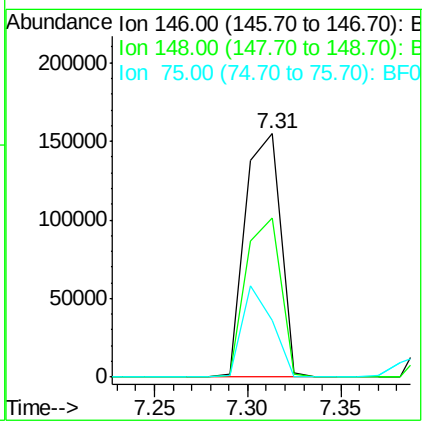


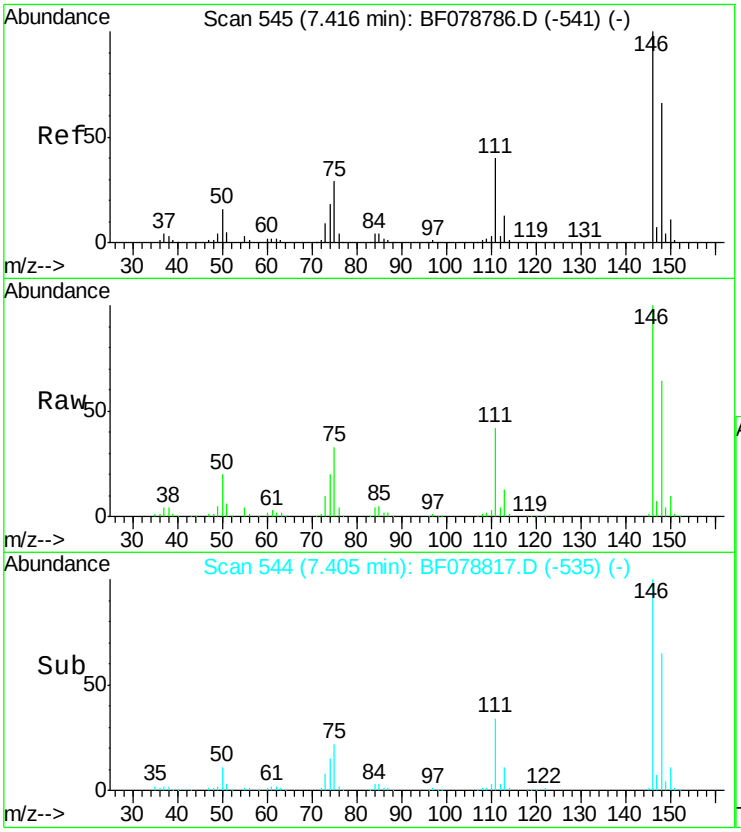




#12
1,3-Dichlorobenzene
Concen: 36.50 ng
RT: 7.31 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:146 Resp: 203627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 50.2 | 75.2 |
| 75 | 23.2 | 29.2 | 43.8# |



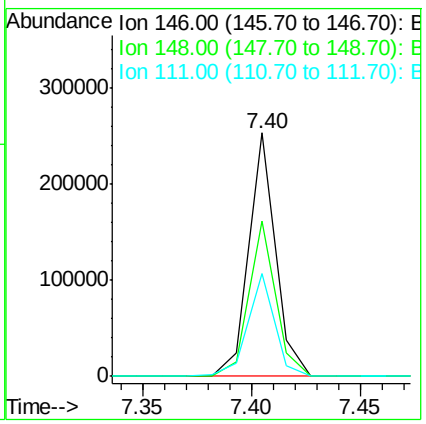


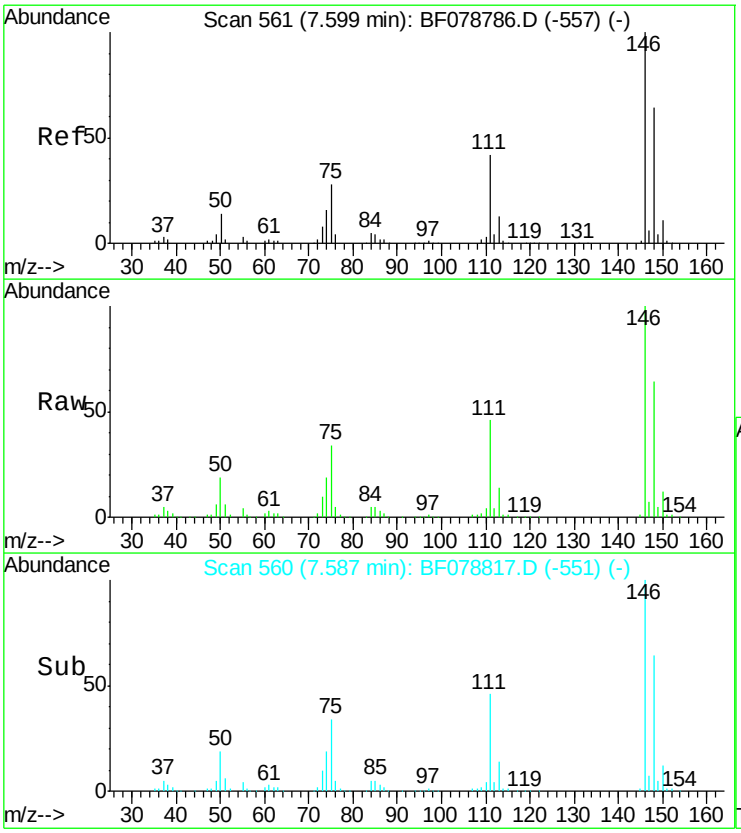

#13
1,4-Dichlorobenzene
Concen: 37.80 ng
RT: 7.40 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:146 Resp: 215900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 52.8 | 79.2 |
| 111 | 42.1 | 31.7 | 47.5 |

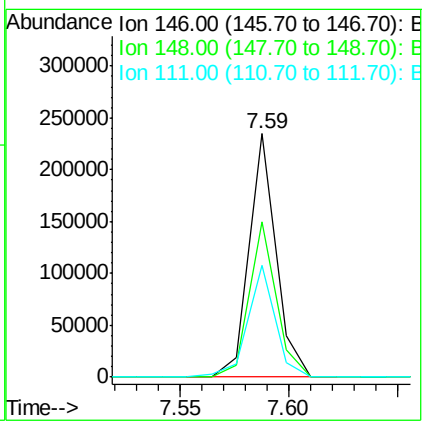


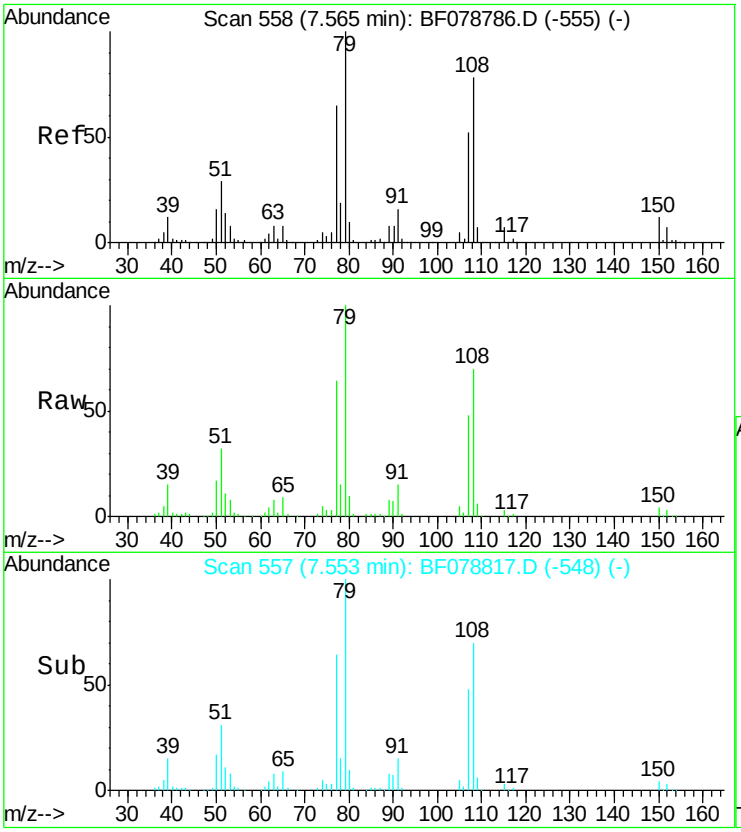




#14
1,2-Dichlorobenzene
Concen: 37.71 ng
RT: 7.59 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:146 Resp: 201257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.2 | 76.8 |
| 111 | 46.1 | 33.3 | 49.9 |



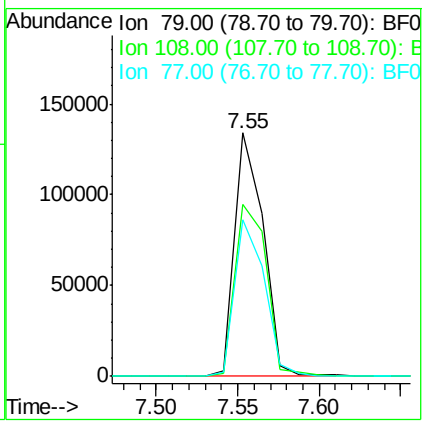


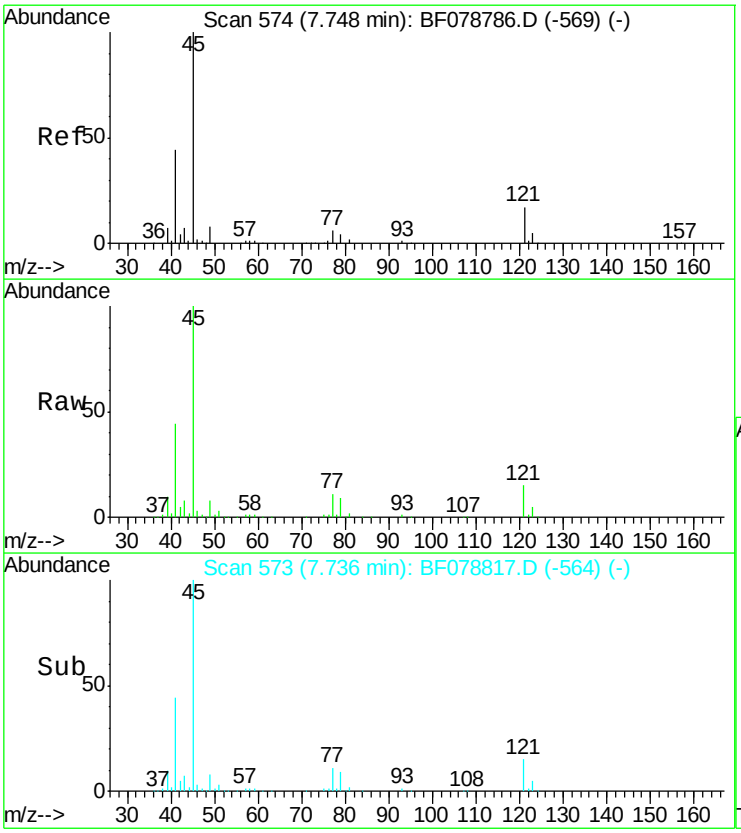

#15
Benzyl Alcohol
Concen:  38.81 ng
RT: 7.55 min  Scan# 557
Delta R.T.  -0.00 min
Lab File:  BF078817.D
Acq: 29 Apr 2015  17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion: 79 Resp:  161450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 70.4 | 62.5 | 93.7 |
| 77 | 64.3 | 52.2 | 78.4 |

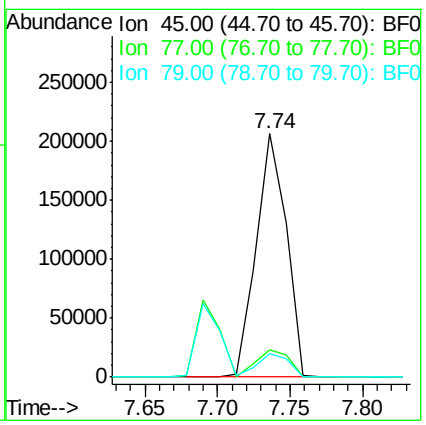


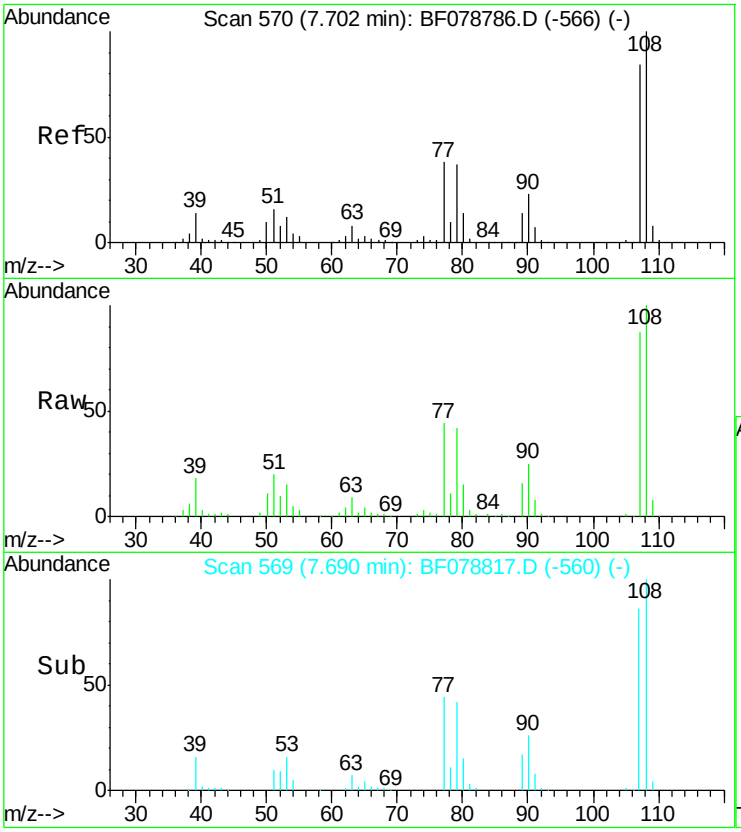




#16
2,2'-oxybis(1-Chloropropane)
Concen:  38.84 ng
RT: 7.74 min  Scan# 573
Delta R.T.  -0.00 min
Lab File:  BF078817.D
Acq: 29 Apr 2015  17:03

Tgt Ion: 45 Resp:  296275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.4 | 0.0 | 32.3 |
| 79 | 9.4 | 0.0 | 30.1 |



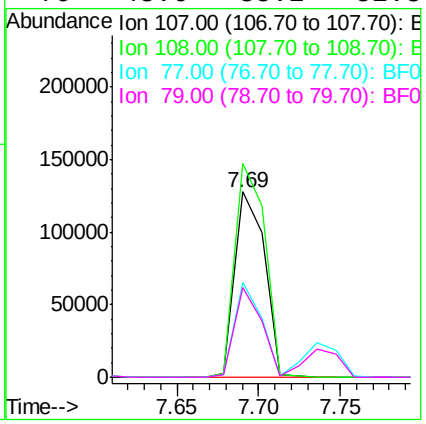


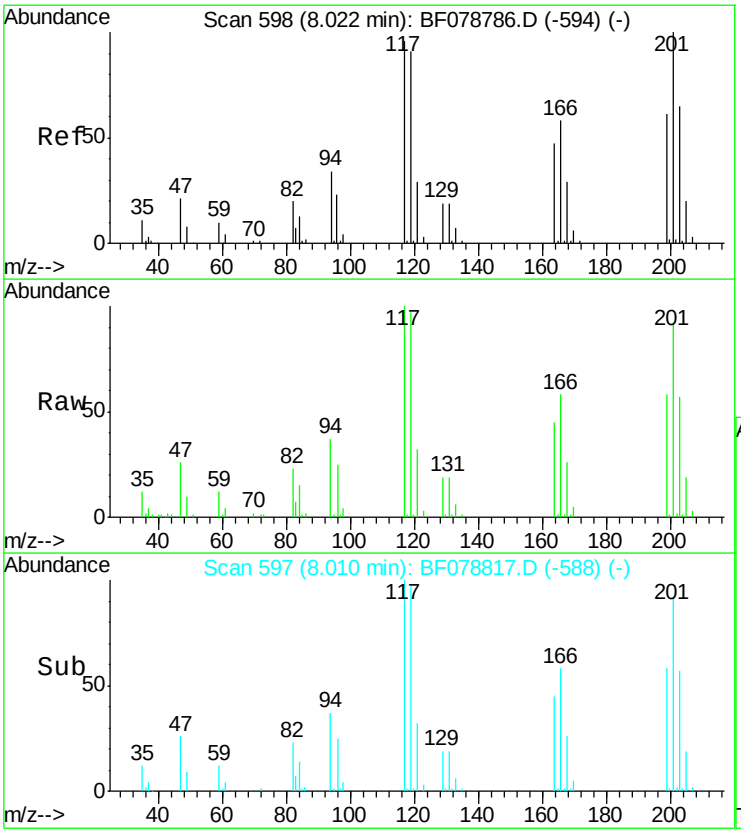

#17
2-Methylphenol
Concen: 41.10 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:107 Resp: 159864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.3 | 94.9 | 142.3 |
| 77 | 51.0 | 36.2 | 54.4 |
| 79 | 48.6 | 35.2 | 52.8 |

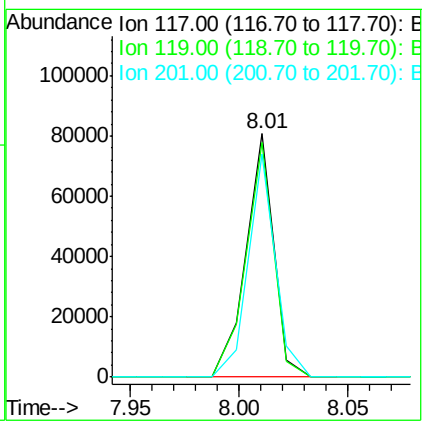


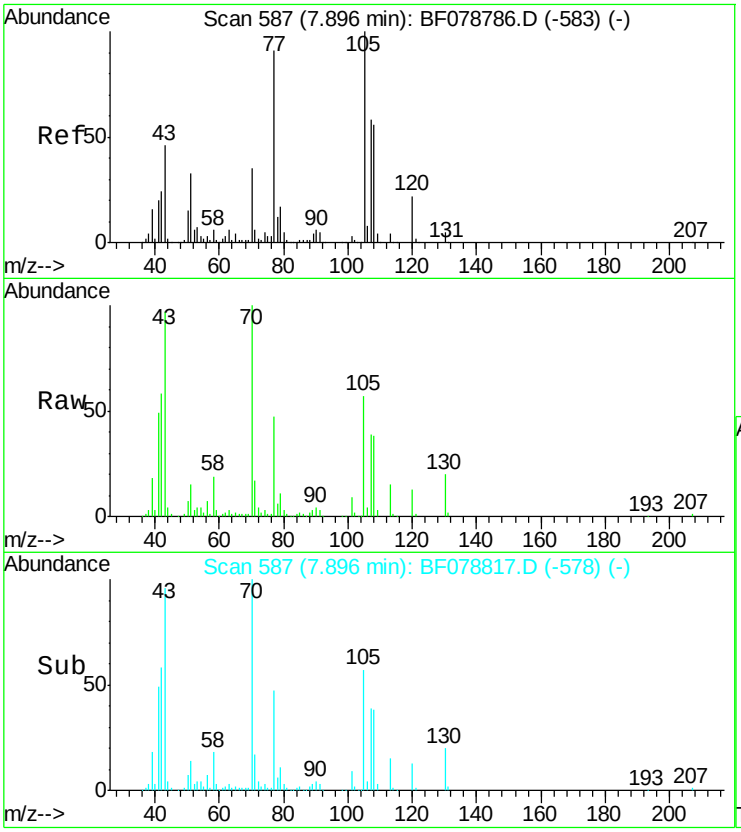




#18
Hexachloroethane
Concen: 38.06 ng
RT: 8.01 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:117 Resp: 71806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.6 | 75.4 | 113.0 |
| 201 | 91.6 | 83.2 | 124.8 |



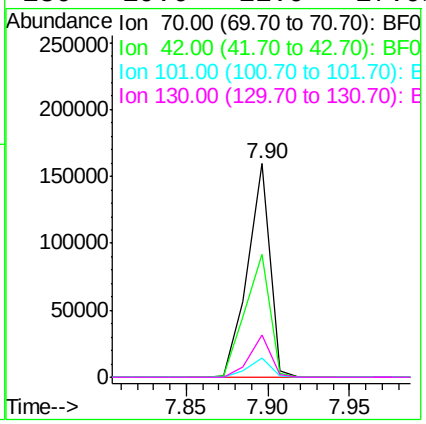


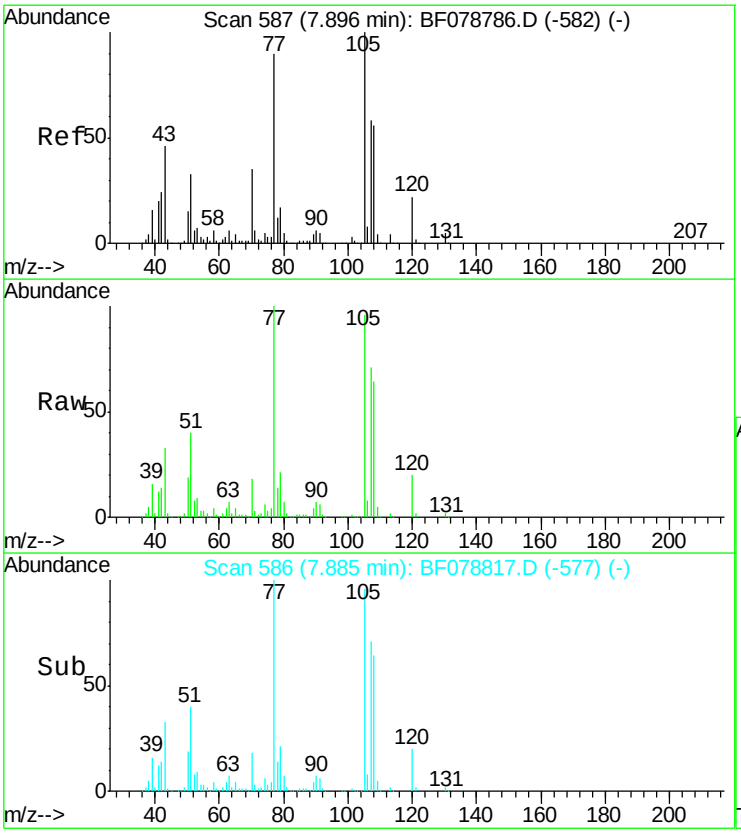

#19
n-Nitroso-di-n-propylamine
Concen: 39.15 ng
RT: 7.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion: 70 Resp: 152515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.8 | 55.4 | 83.0 |
| 101 | 9.2 | 6.6 | 10.0 |
| 130 | 19.6 | 11.9 | 17.9# |

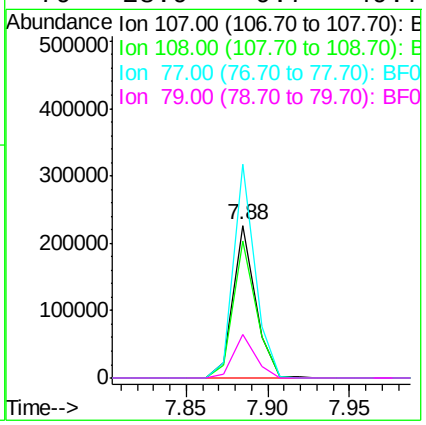


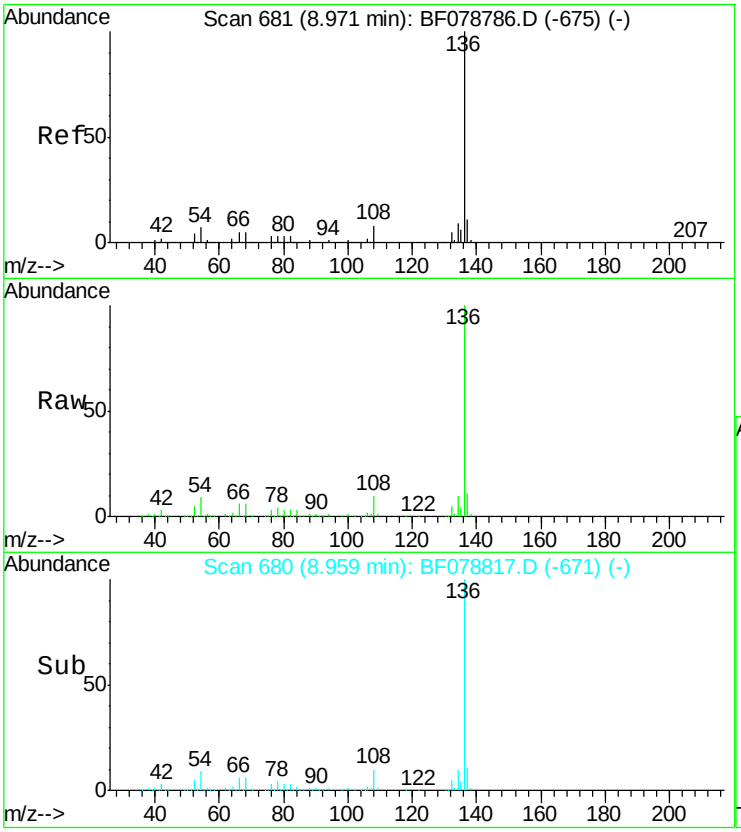




#20
3+4-Methylphenols
Concen: 42.75 ng
RT: 7.88 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:107 Resp: 216620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.3 | 76.9 | 116.9 |
| 77 | 140.1 | 136.8 | 176.8 |
| 79 | 28.9 | 9.7 | 49.7 |



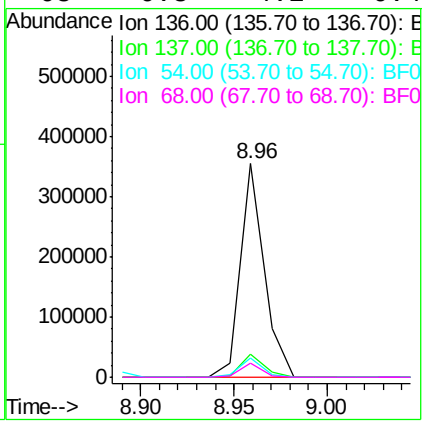


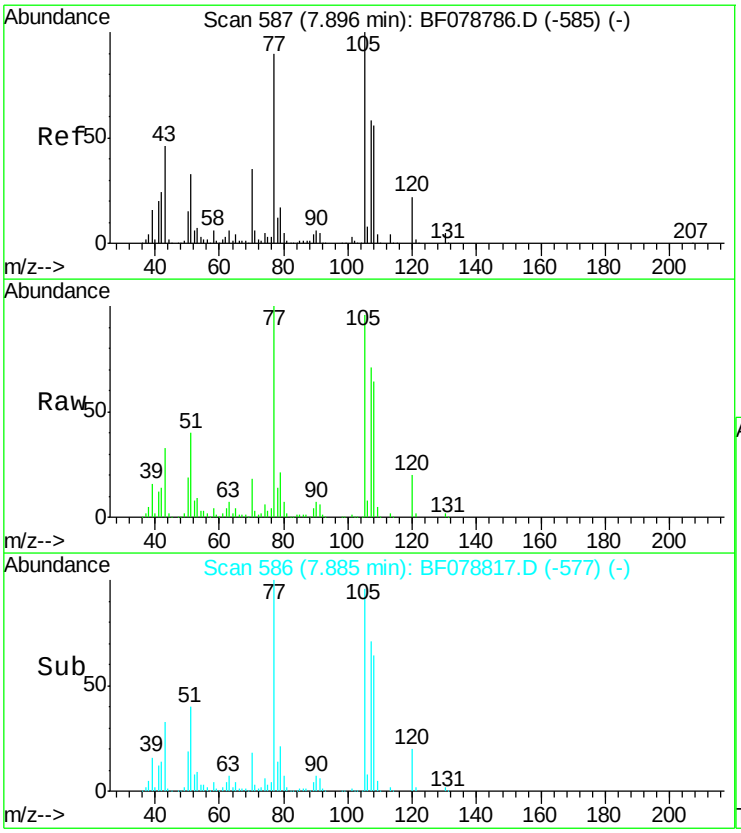

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:136 Resp: 314566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 9.1 | 5.8 | 8.8# |
| 68 | 6.3 | 4.2 | 6.4 |

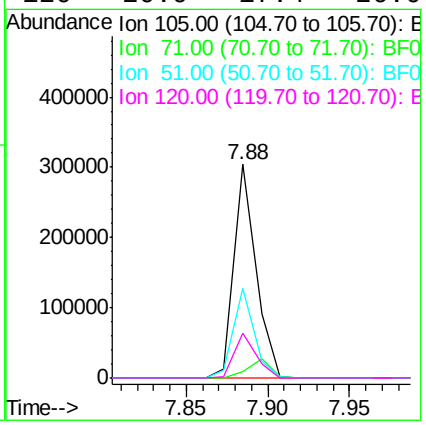


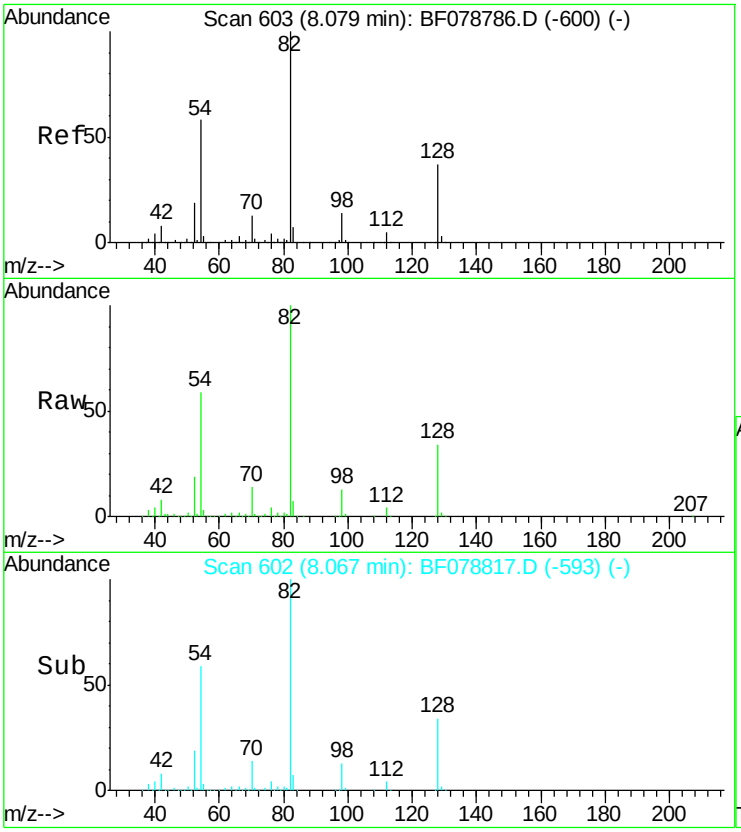




#22
Acetophenone
Concen: 40.36 ng
RT: 7.88 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:105 Resp: 281303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.2 | 4.6 | 6.8# |
| 51 | 41.8 | 26.7 | 40.1# |
| 120 | 20.9 | 17.4 | 26.0 |



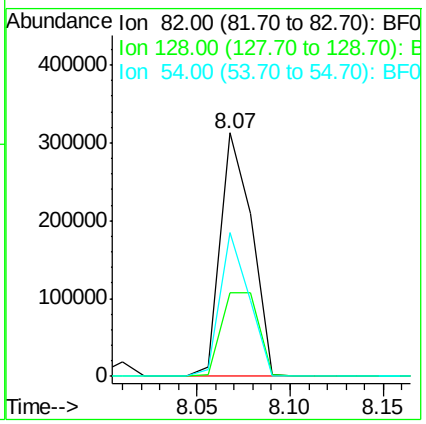


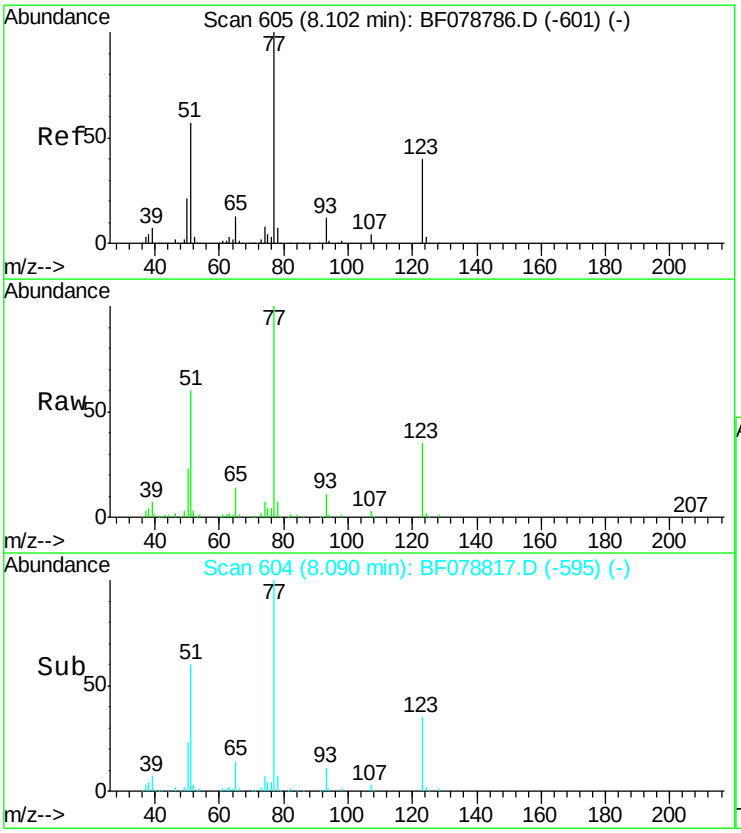

#23
Nitrobenzene-d5
Concen: 84.23 ng
RT: 8.07 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion: 82 Resp: 368004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.3 | 30.0 | 45.0 |
| 54 | 59.1 | 46.4 | 69.6 |

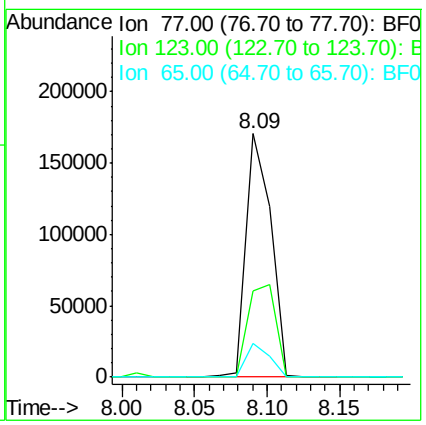


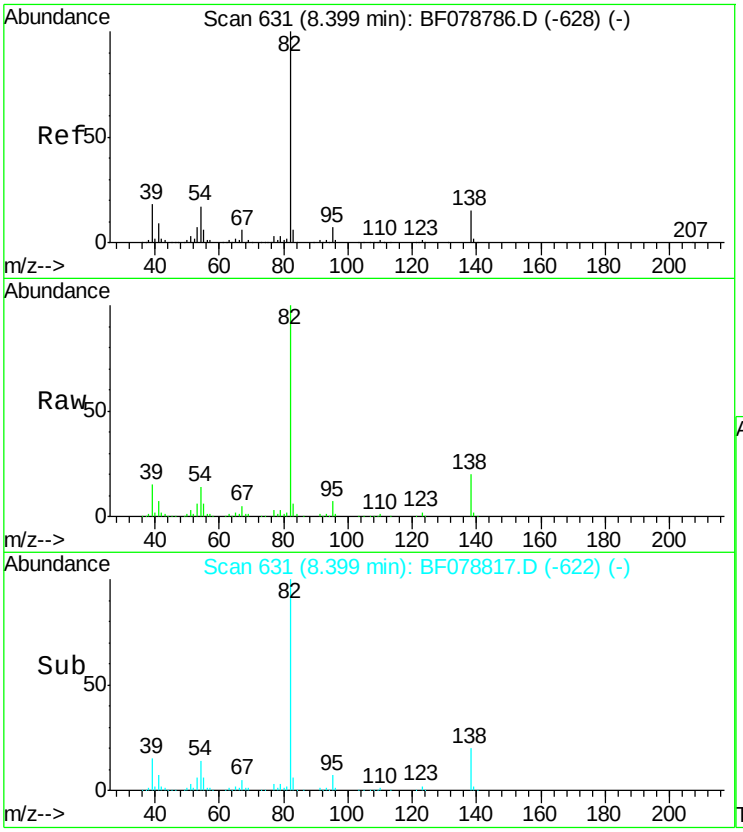




#24
Nitrobenzene
Concen: 43.41 ng
RT: 8.09 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion: 77 Resp: 203108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 35.2 | 31.8 | 47.8 |
| 65 | 13.7 | 10.6 | 15.8 |



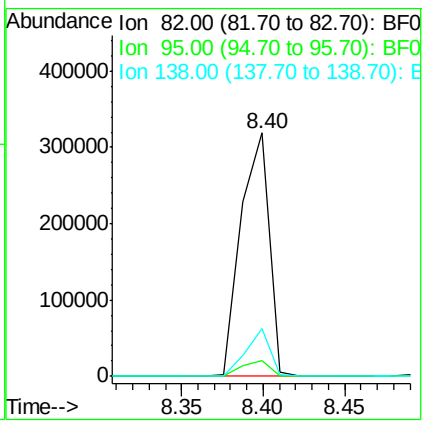


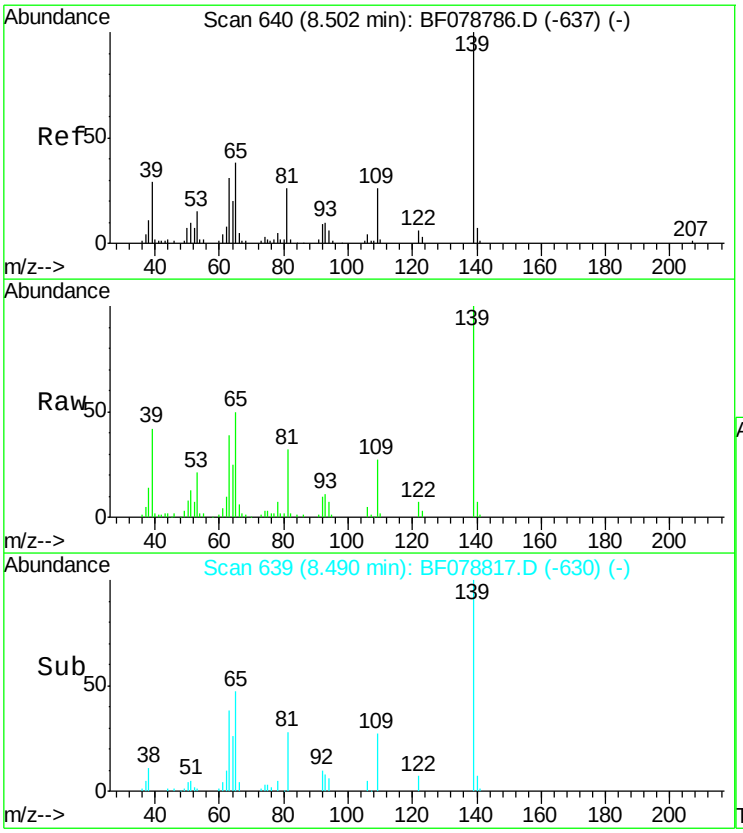

#25
Isophorone
Concen: 38.71 ng
RT: 8.40 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion: 82 Resp: 382366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.5 | 5.3 | 7.9 |
| 138 | 19.5 | 12.0 | 18.0# |

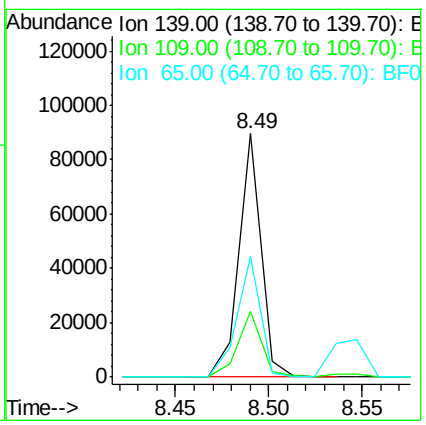


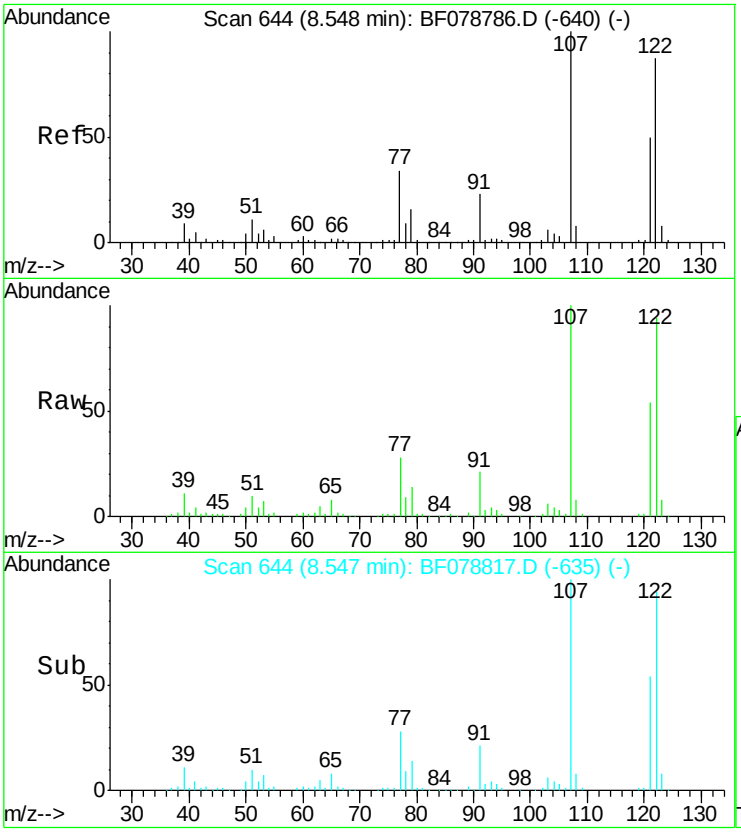




#26
2-Nitrophenol
Concen: 54.23 ng
RT: 8.49 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:139 Resp: 74529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.9 | 21.0 | 31.4 |
| 65 | 49.6 | 30.5 | 45.7# |



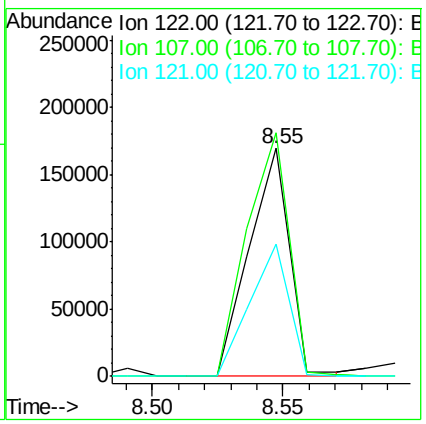


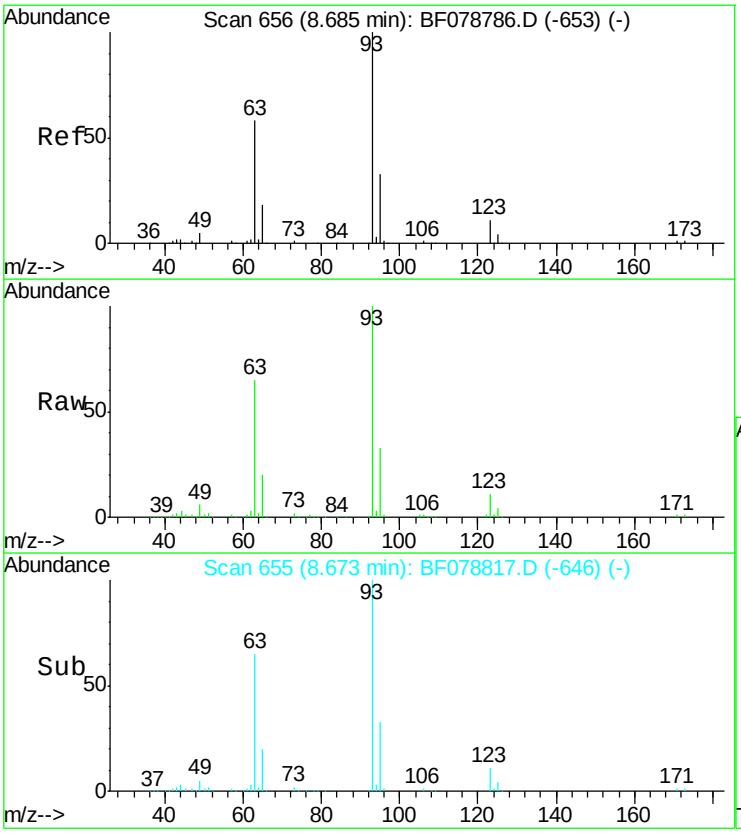

#27
2,4-Dimethylphenol
Concen: 41.61 ng
RT: 8.55 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:122 Resp: 182333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 106.9 | 90.6 | 135.8 |
| 121 | 57.8 | 45.4 | 68.2 |

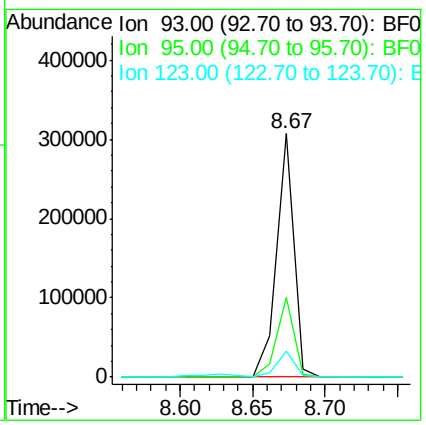


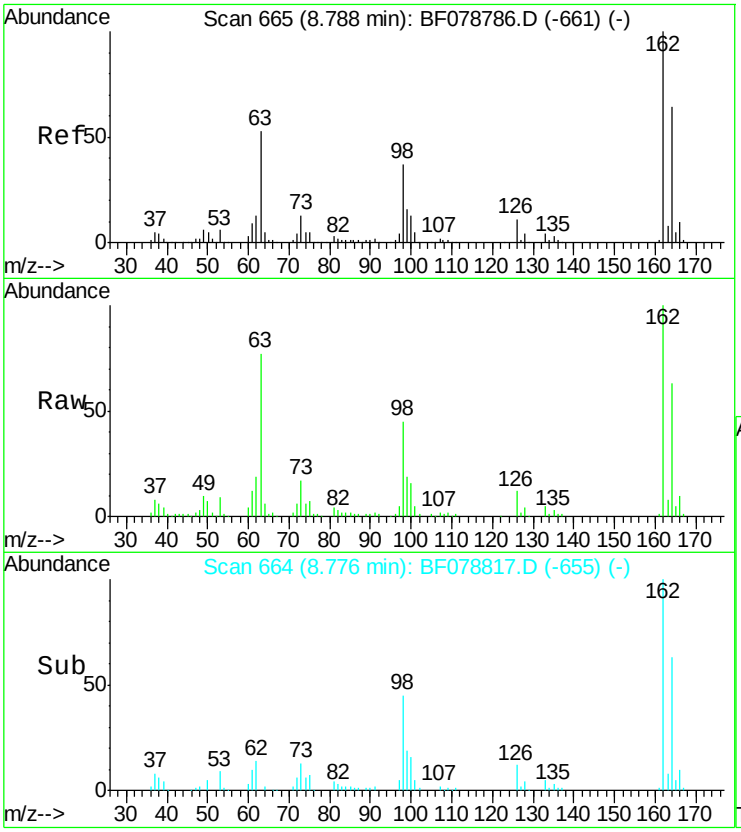




#28
bis(2-Chloroethoxy)methane
Concen: 41.74 ng
RT: 8.67 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion: 93 Resp: 254573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 26.7 | 40.1 |
| 123 | 10.5 | 9.1 | 13.7 |



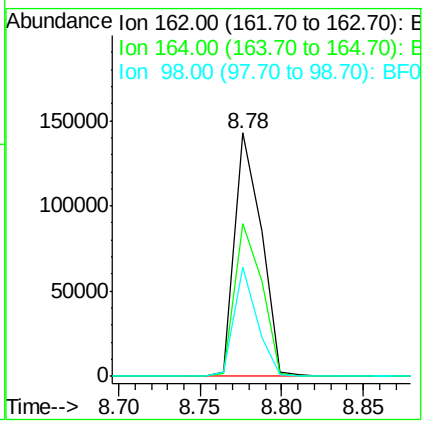


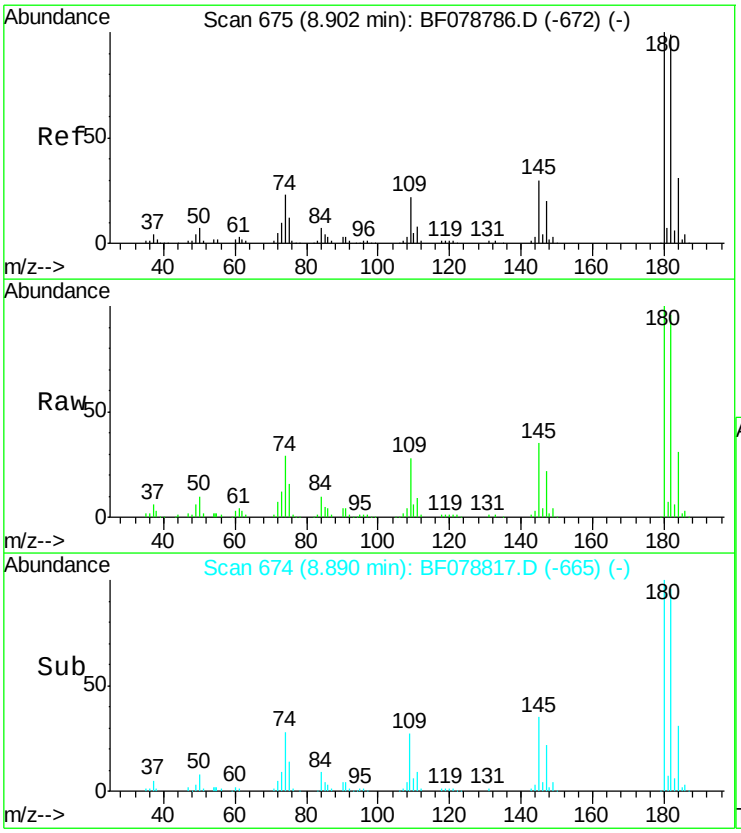

#29
2,4-Dichlorophenol
Concen: 42.96 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:162 Resp: 160908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.8 | 43.6 | 83.6 |
| 98 | 44.7 | 16.5 | 56.5 |

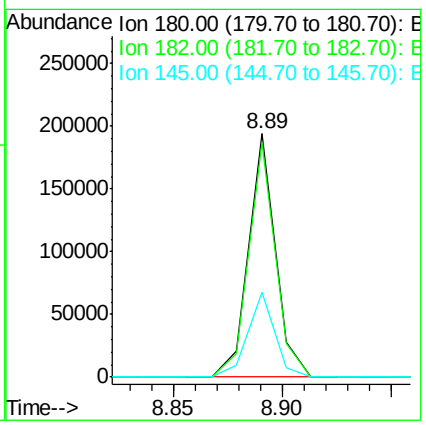


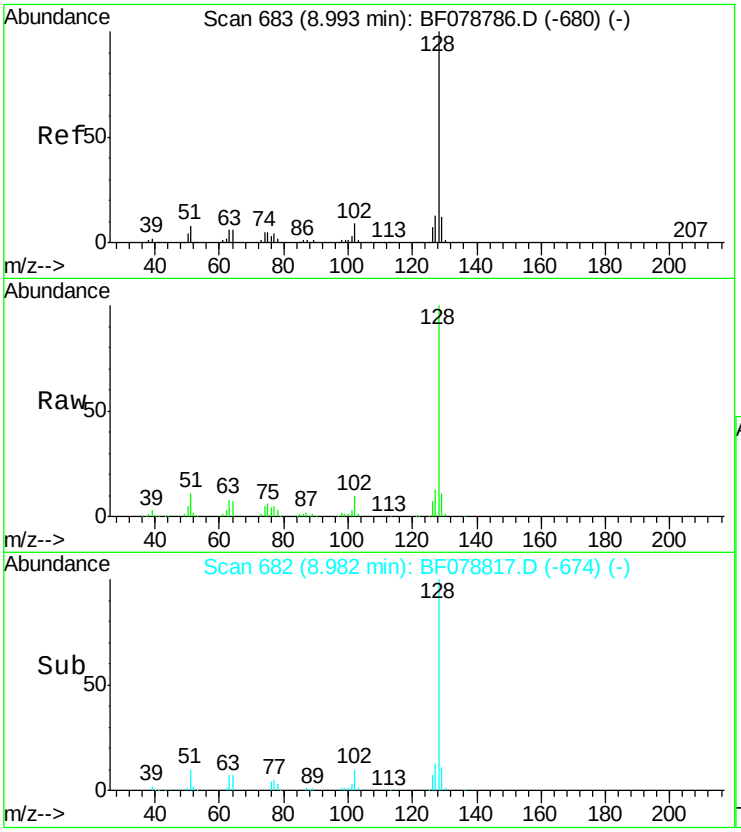




#30
1,2,4-Trichlorobenzene
Concen: 38.79 ng
RT: 8.89 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:180 Resp: 166844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.4 | 78.9 | 118.3 |
| 145 | 34.7 | 24.2 | 36.4 |



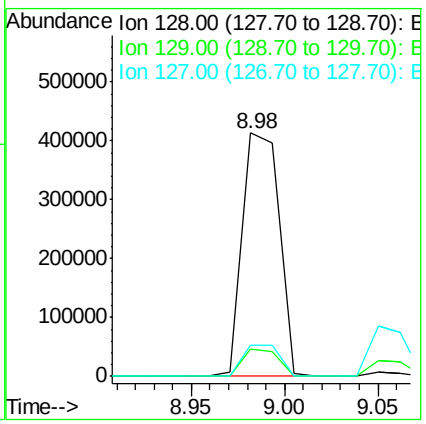


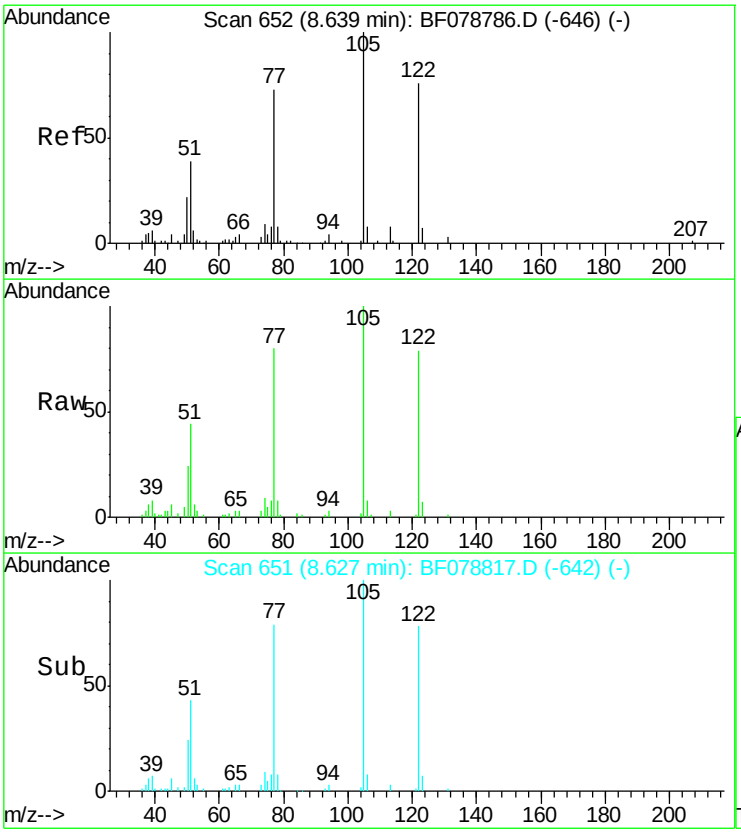

#31
Naphthalene
Concen: 37.78 ng
RT: 8.98 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:128 Resp: 564068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.3 | 13.9 |
| 127 | 13.0 | 10.7 | 16.1 |

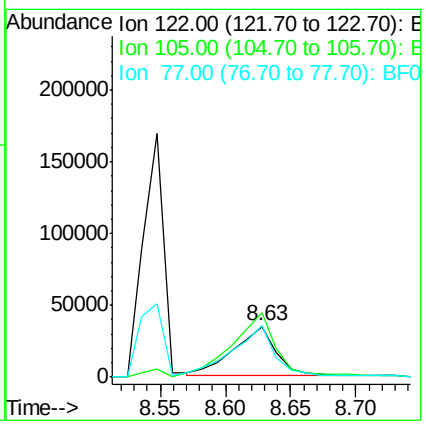


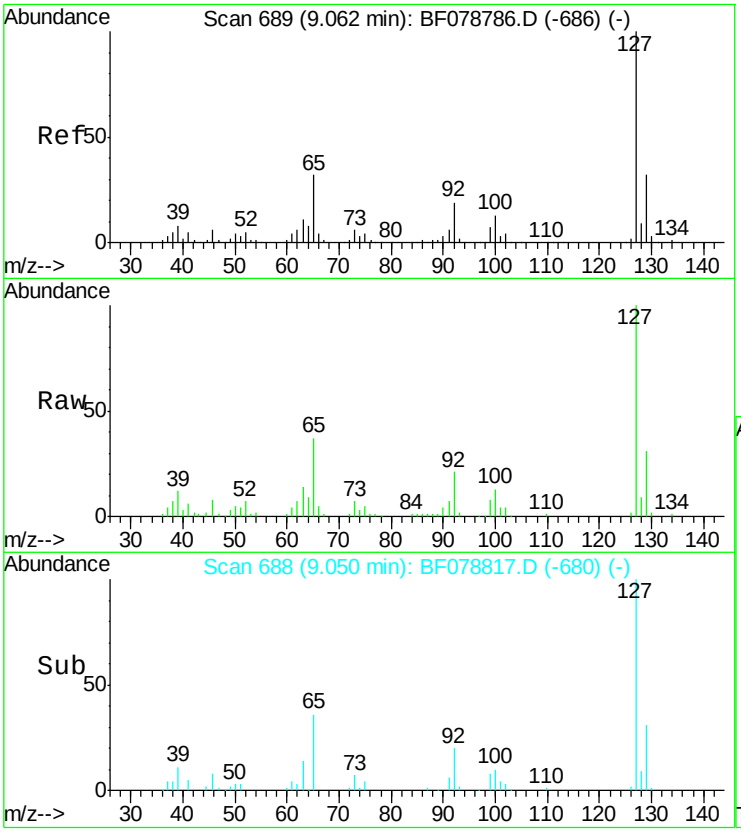




#32
Benzoic acid
Concen: 56.81 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:122 Resp: 75544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.2 | 107.1 | 147.1 |
| 77 | 102.1 | 73.9 | 113.9 |



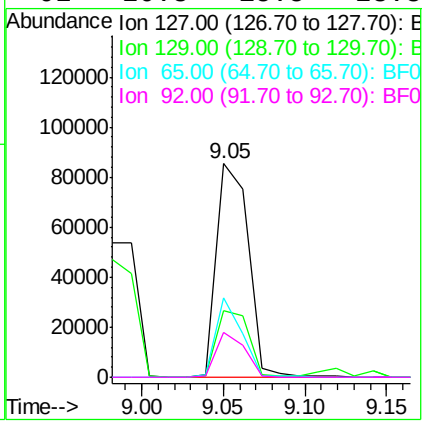


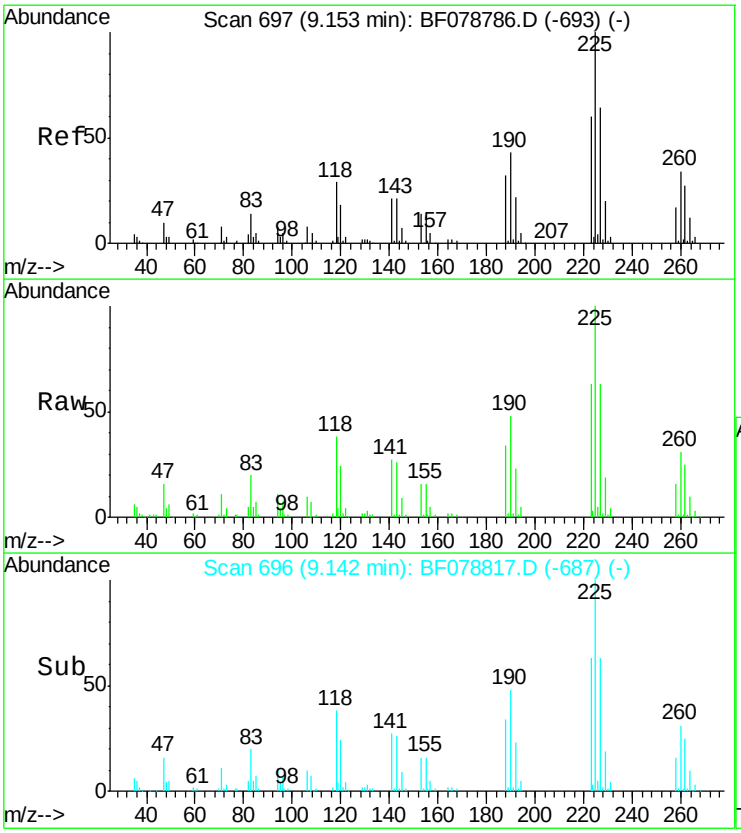

#33
4-Chloroaniline
Concen: 18.38 ng
RT: 9.05 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:127 Resp: 115460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.0 | 25.8 | 38.8 |
| 65 | 36.9 | 25.8 | 38.6 |
| 92 | 20.8 | 15.5 | 23.3 |

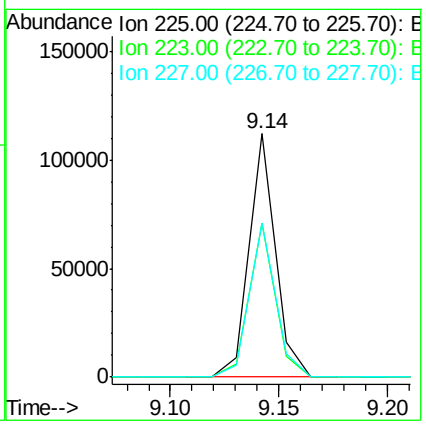


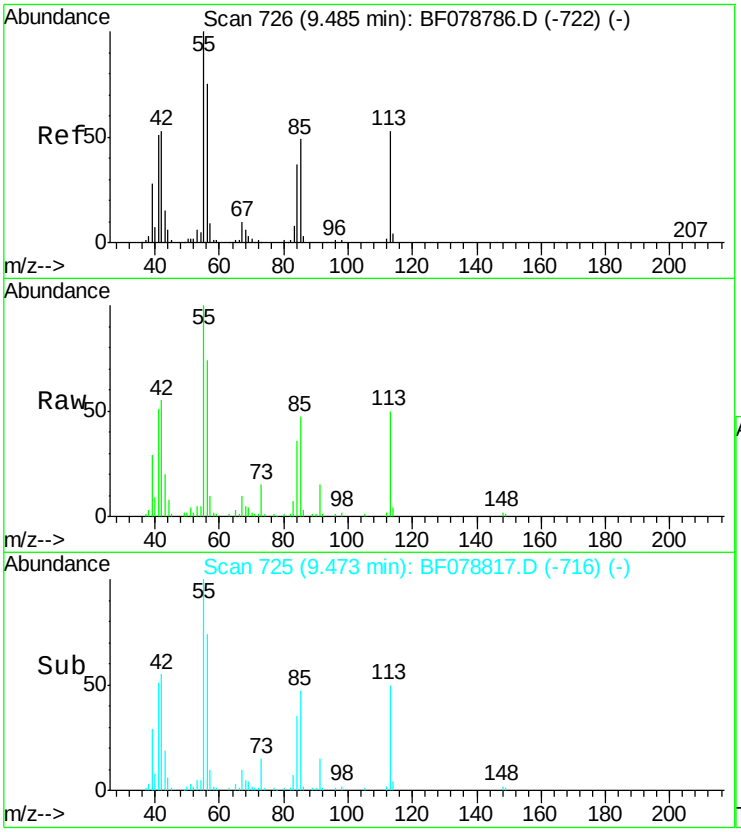




#34
Hexachlorobutadiene
Concen: 38.84 ng
RT: 9.14 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:225 Resp: 94251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.5 | 48.2 | 72.4 |
| 227 | 63.2 | 51.4 | 77.0 |



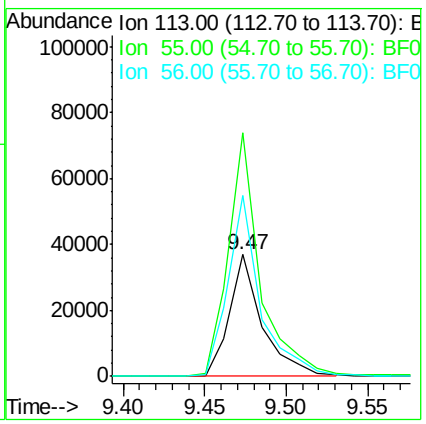


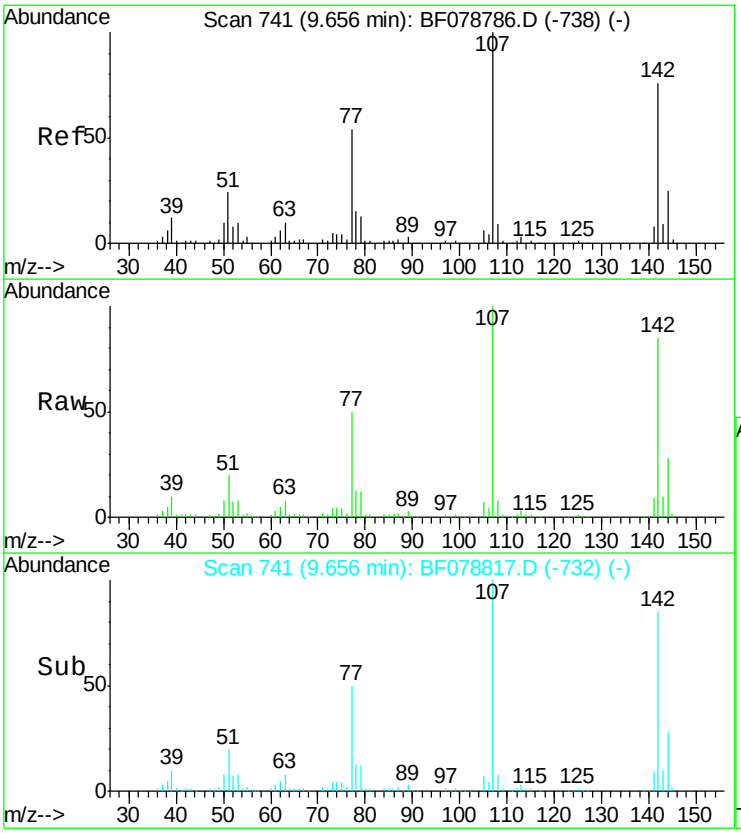

#35
Caprolactam
Concen: 42.96 ng
RT: 9.47 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:113 Resp: 51228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 200.2 | 169.7 | 209.7 |
| 56 | 149.0 | 122.5 | 162.5 |

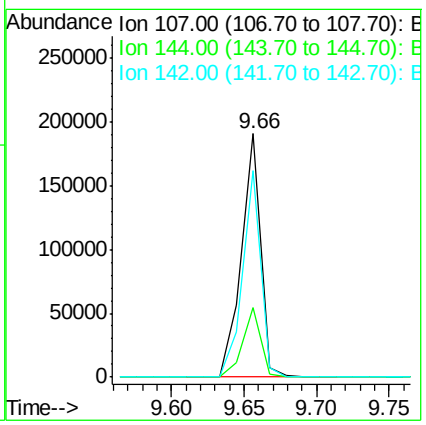


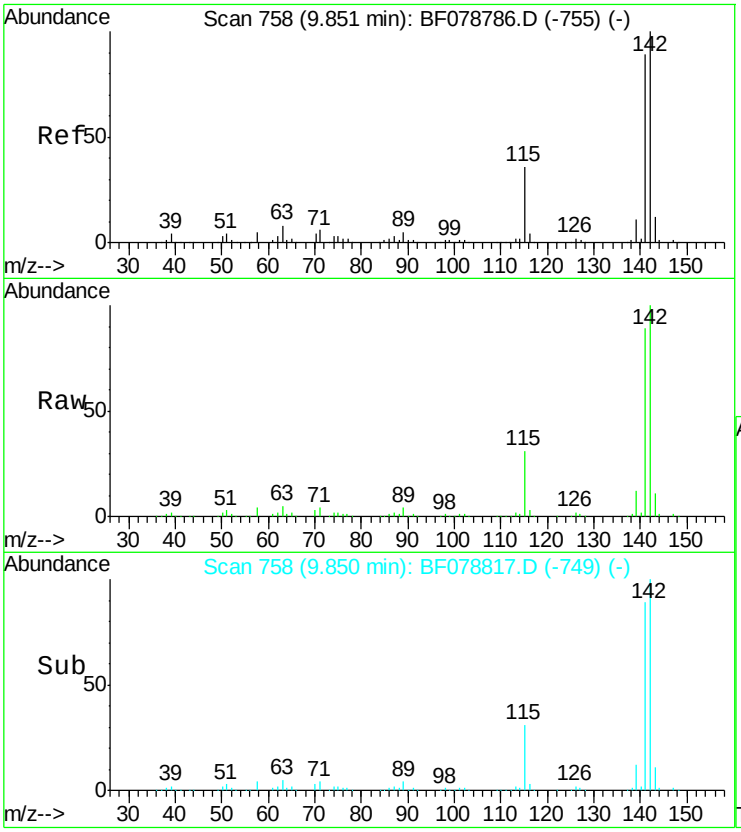




#36
4-Chloro-3-methylphenol
Concen: 44.90 ng
RT: 9.66 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:107 Resp: 176543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.3 | 19.8 | 29.6 |
| 142 | 85.1 | 60.6 | 91.0 |



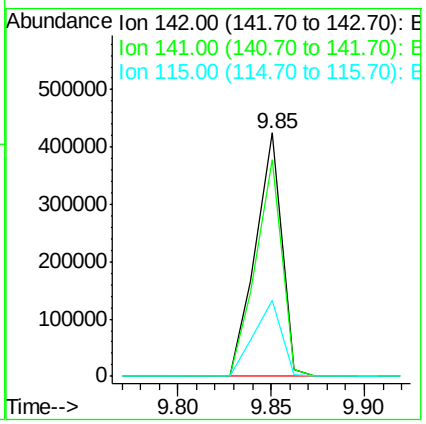


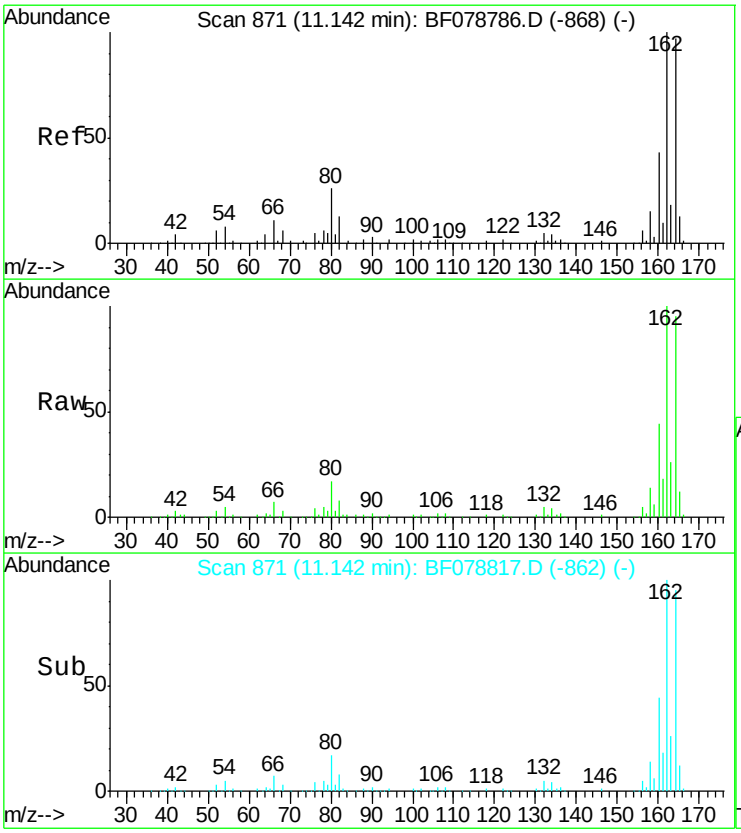

#37
2-Methylnaphthalene
Concen: 41.15 ng
RT: 9.85 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:142 Resp: 413372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.2 | 70.9 | 106.3 |
| 115 | 31.3 | 28.5 | 42.7 |

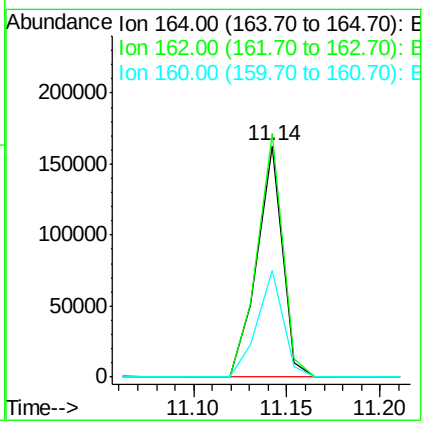


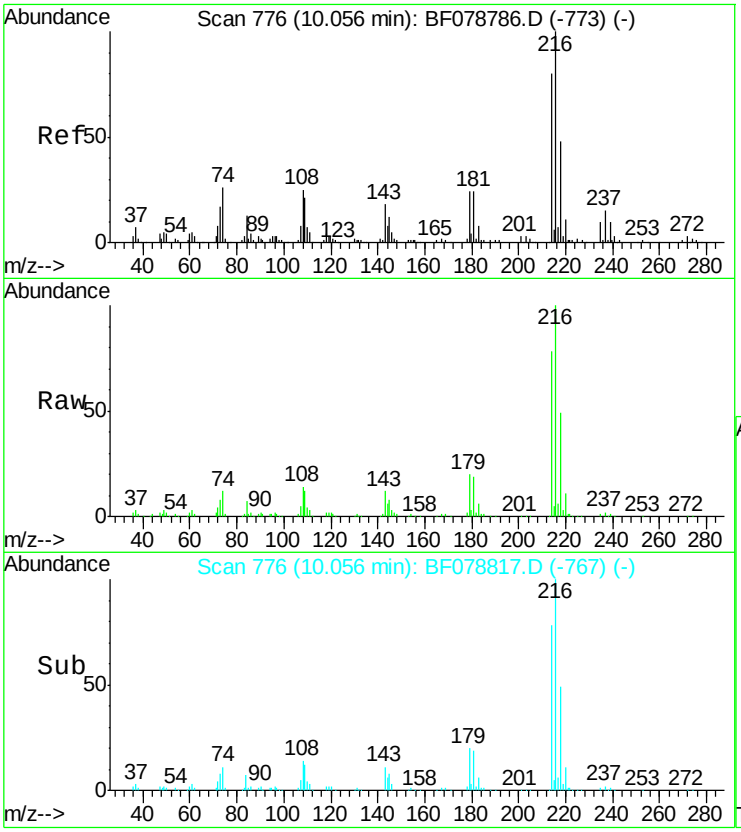




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:164 Resp: 153995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.3 | 82.7 | 124.1 |
| 160 | 46.1 | 35.8 | 53.8 |



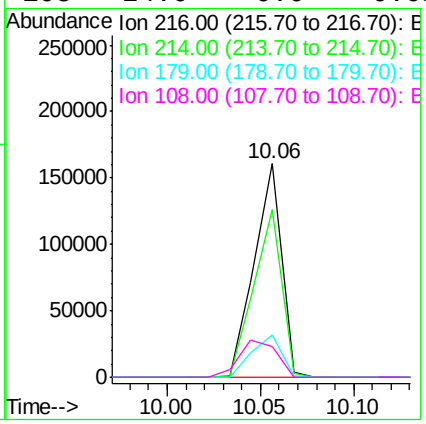


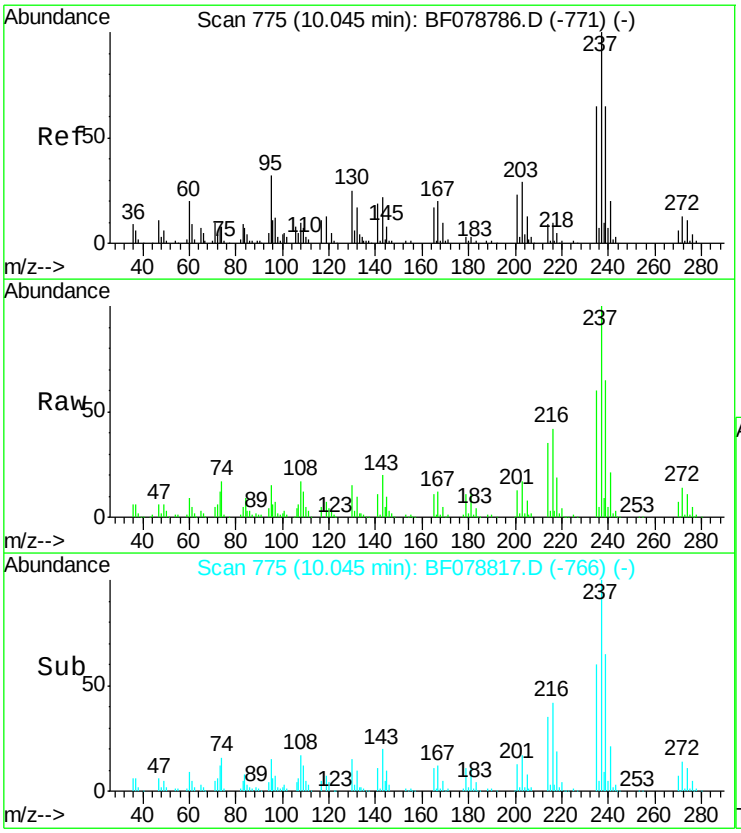

#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.12 ng
RT: 10.06 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:216 Resp: 161973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.9 | 0.0 | 0.0# |
| 179 | 21.8 | 0.0 | 0.0# |
| 108 | 24.0 | 0.0 | 0.0# |

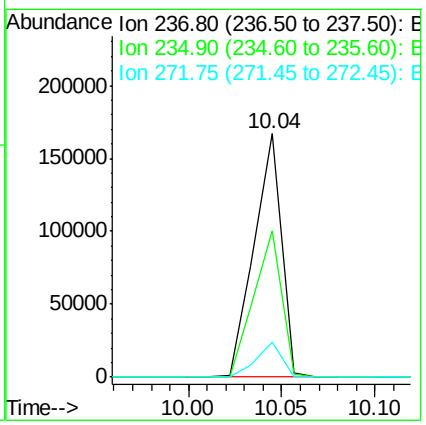


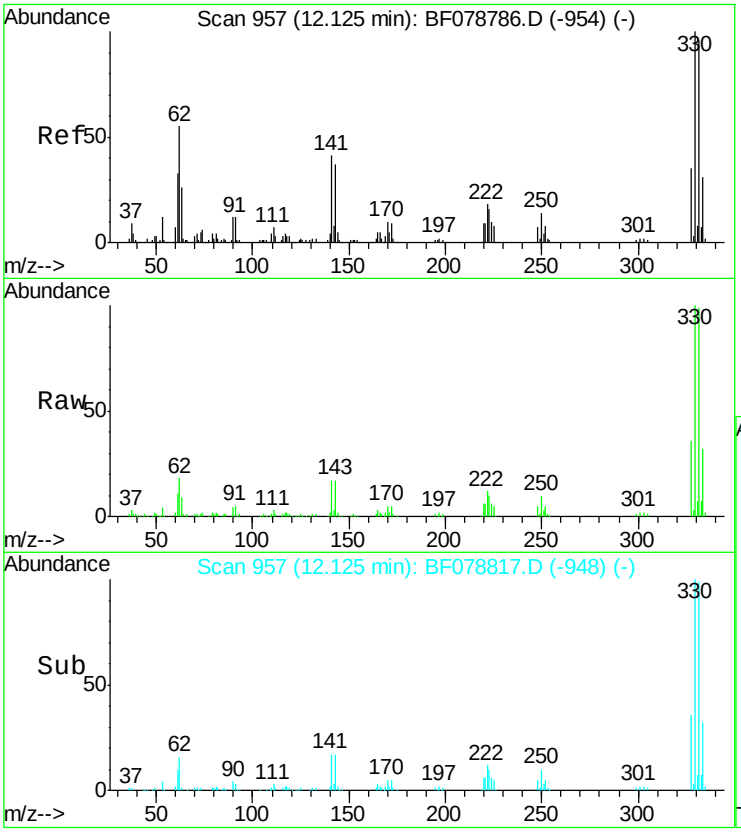




#40
Hexachlorocyclopentadiene
Concen: 92.08 ng
RT: 10.04 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:237 Resp: 168874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.3 | 44.7 | 84.7 |
| 272 | 14.5 | 0.0 | 32.6 |



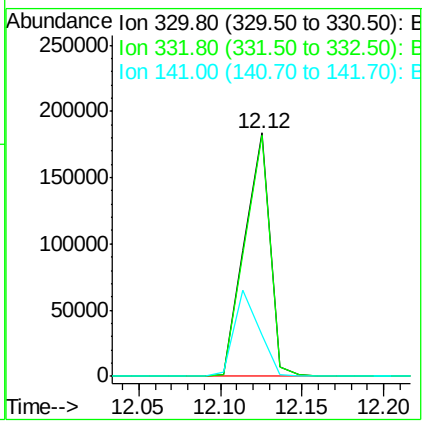


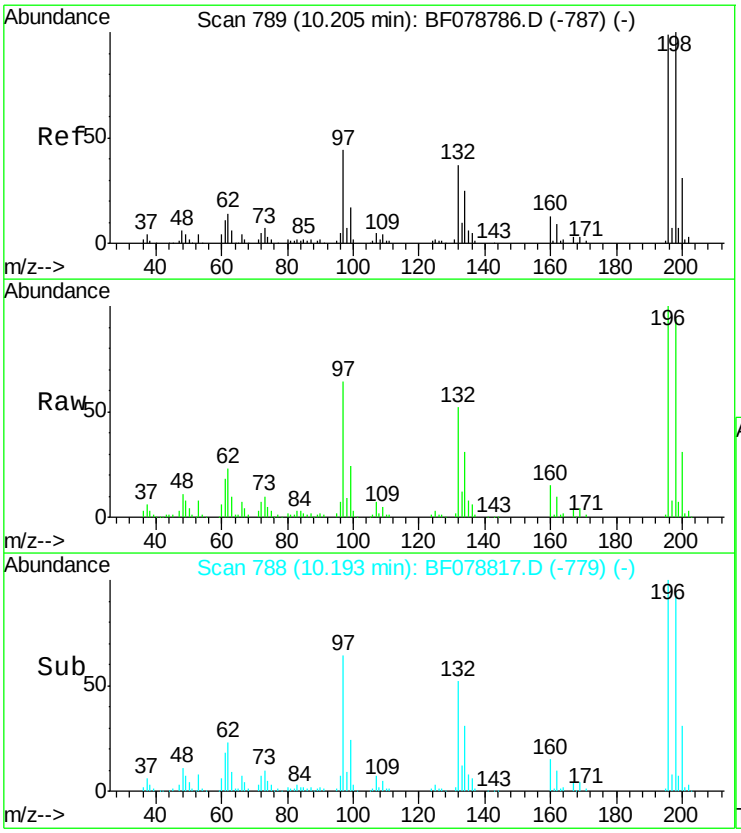

#41
2,4,6-Tribromophenol
Concen: 129.59 ng
RT: 12.12 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:330 Resp: 198382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.3 | 0.0 | 0.0# |
| 141 | 35.0 | 0.0 | 0.0# |

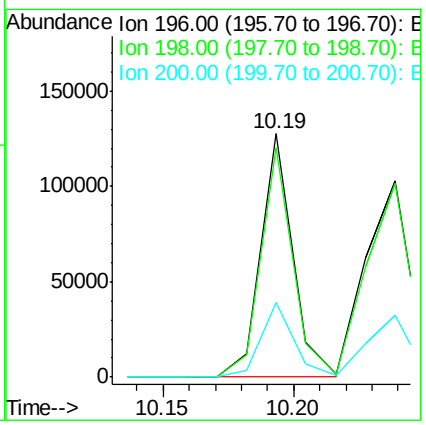


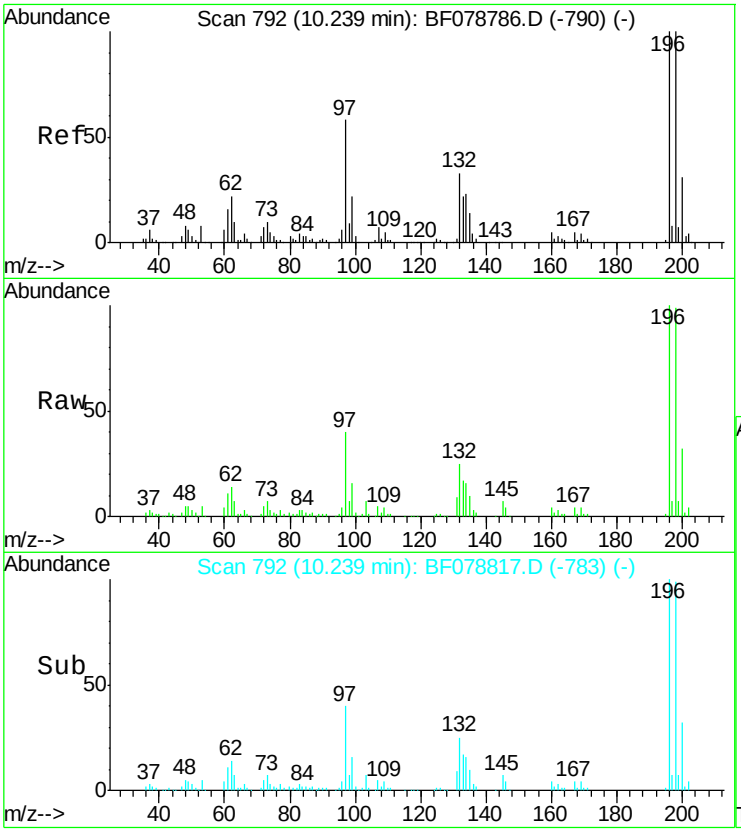




#42
2,4,6-Trichlorophenol
Concen: 41.33 ng
RT: 10.19 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:196 Resp: 109875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.4 | 80.5 | 120.7 |
| 200 | 30.9 | 24.9 | 37.3 |



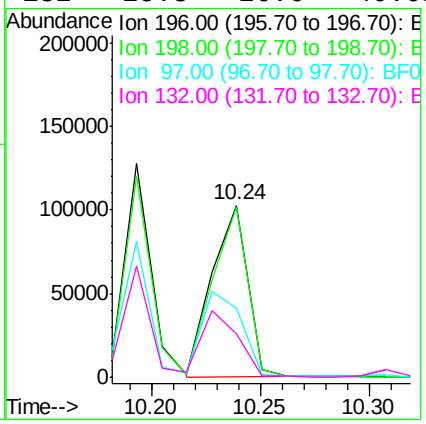


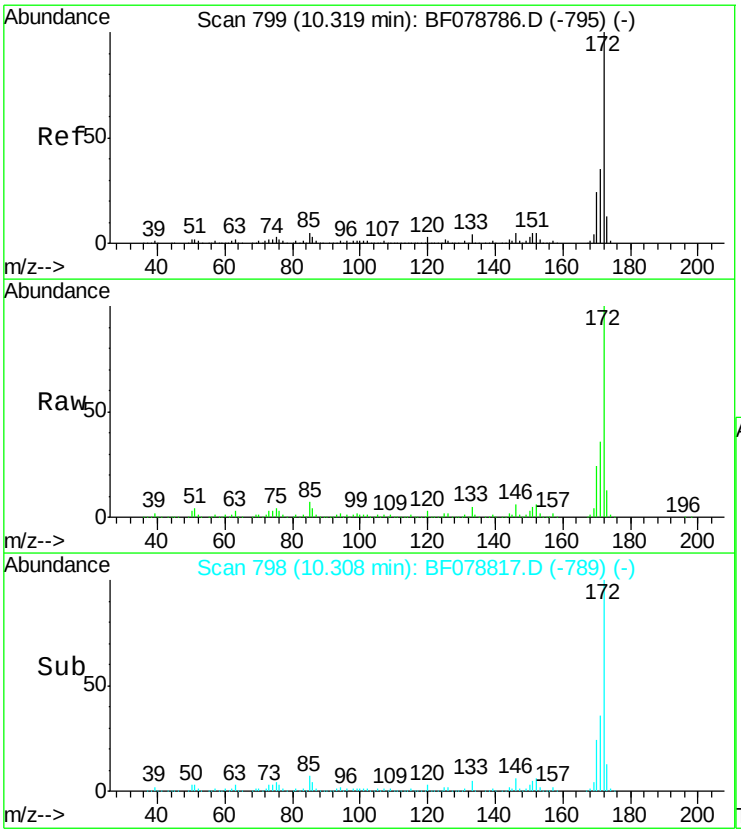

#43
2,4,5-Trichlorophenol
Concen: 41.30 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:196 Resp: 116856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.6 | 79.8 | 119.6 |
| 97 | 40.0 | 46.0 | 69.0# |
| 132 | 25.3 | 26.6 | 40.0# |

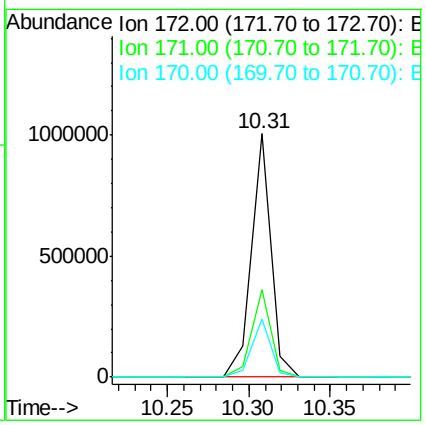


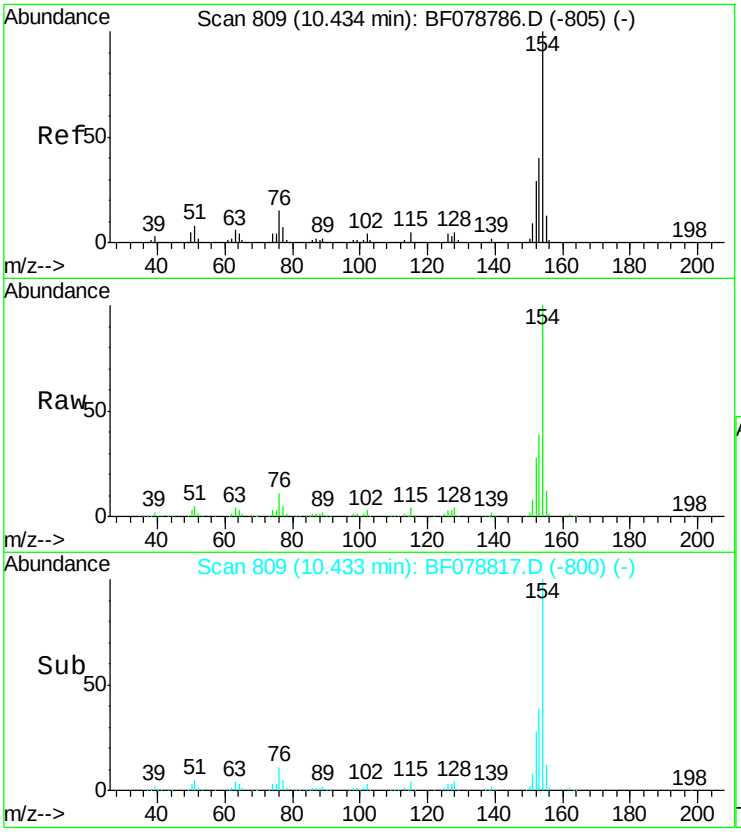




#44
2-Fluorobiphenyl
Concen: 74.65 ng
RT: 10.31 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:172 Resp: 839464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 27.9 | 41.9 |
| 170 | 24.0 | 19.4 | 29.0 |



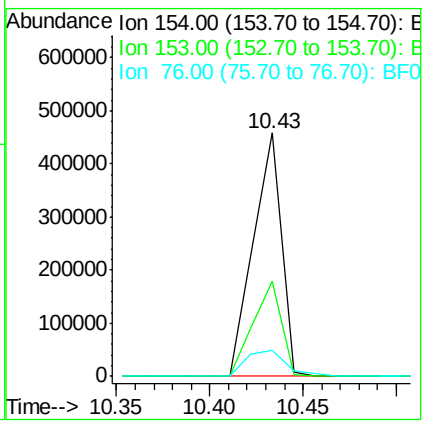


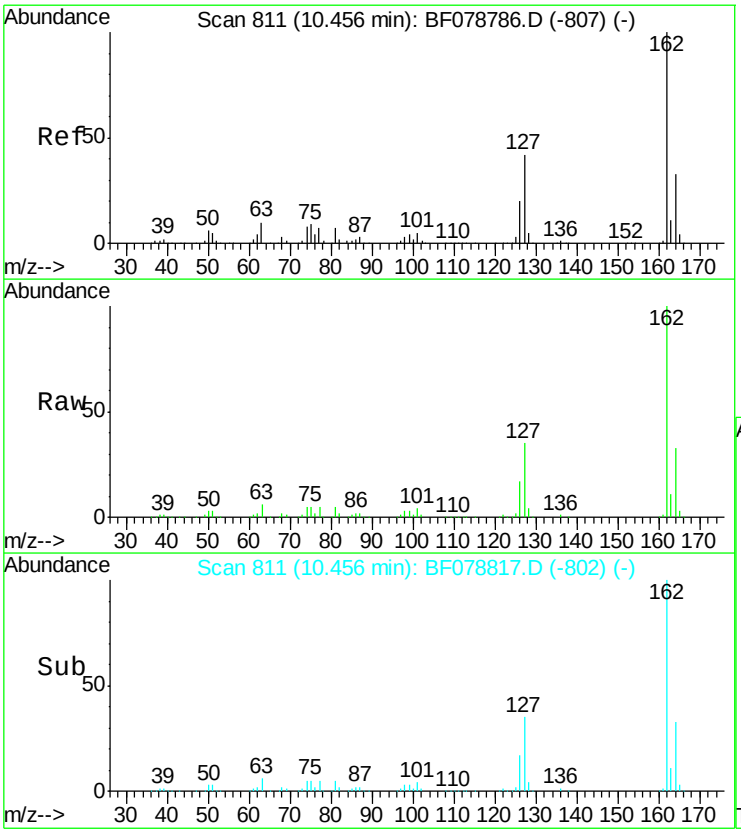

#45
1,1'-Biphenyl
Concen: 38.39 ng
RT: 10.43 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:154 Resp: 474437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.2 | 19.9 | 59.9 |
| 76 | 10.6 | 0.0 | 35.0 |

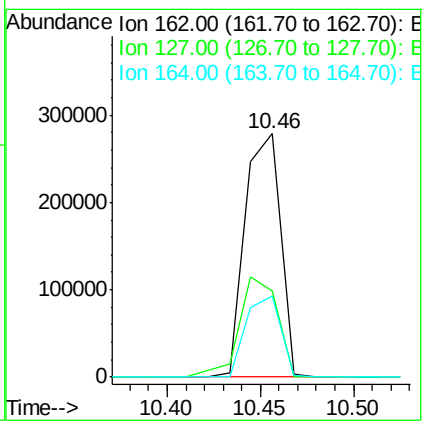


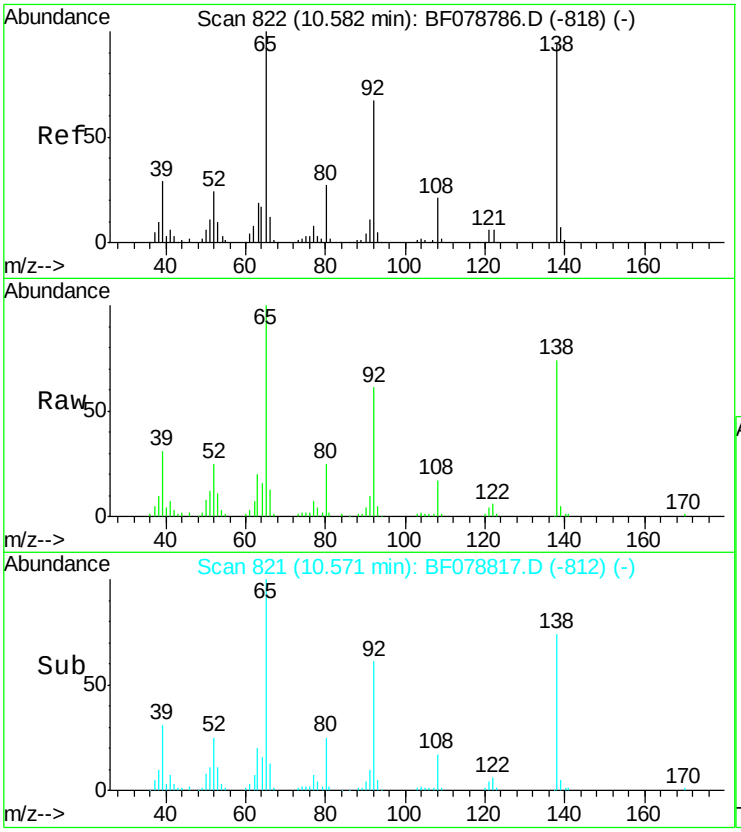




#46
2-Chloronaphthalene
Concen: 37.90 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:162 Resp: 366069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 35.4 | 33.9 | 50.9 |
| 164 | 33.4 | 26.3 | 39.5 |



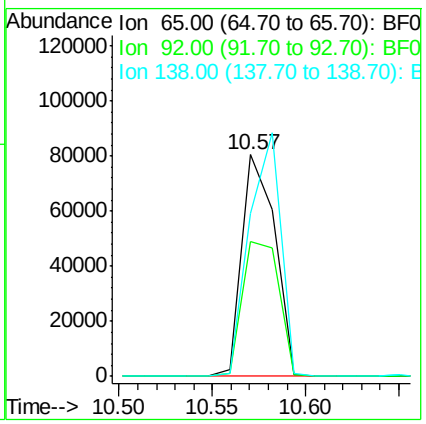


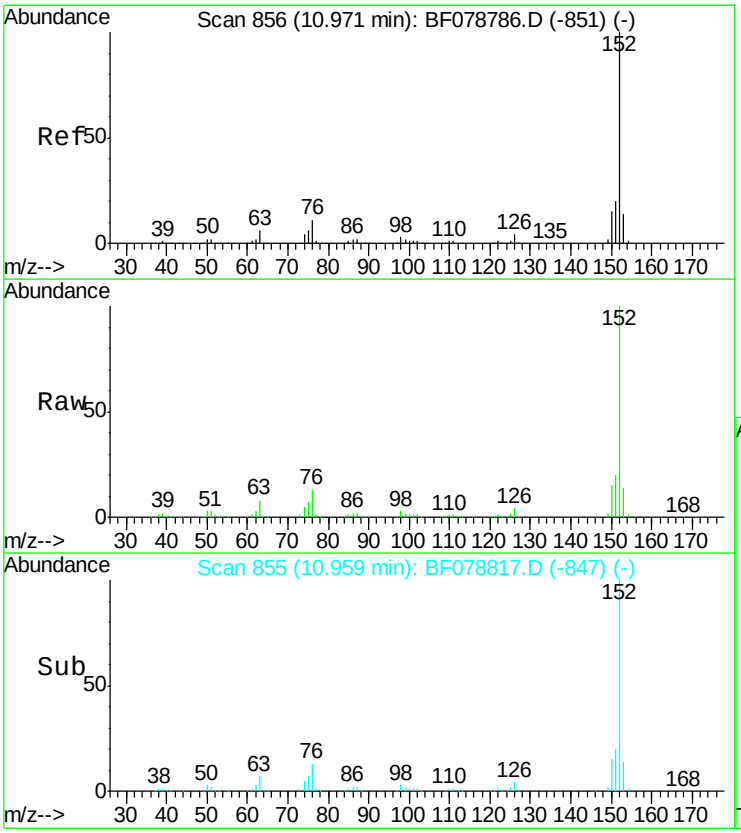

#47
2-Nitroaniline
Concen: 46.79 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion: 65 Resp: 98710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 60.6 | 54.0 | 81.0 |
| 138 | 73.7 | 75.0 | 112.6# |

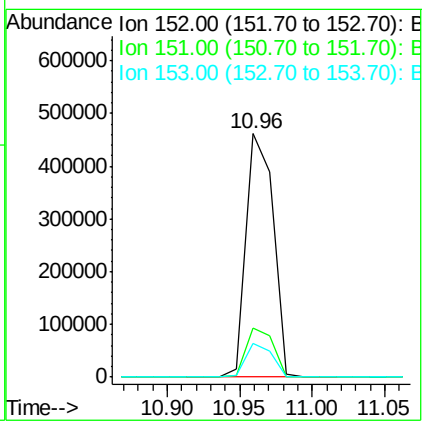


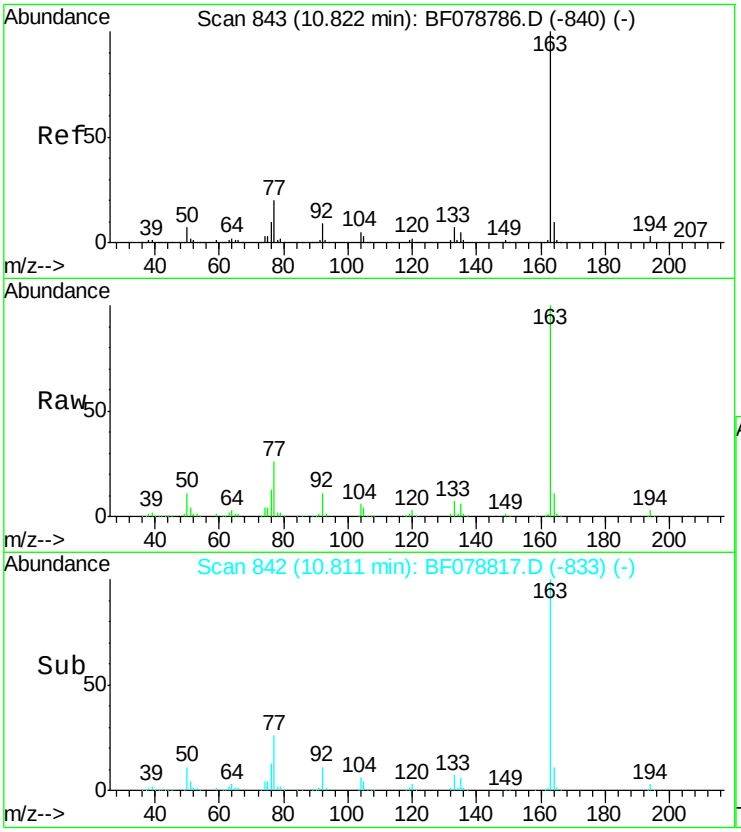




#48
Acenaphthylene
Concen: 37.93 ng
RT: 10.96 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:152 Resp: 599429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.2 | 24.4 |
| 153 | 13.8 | 10.9 | 16.3 |



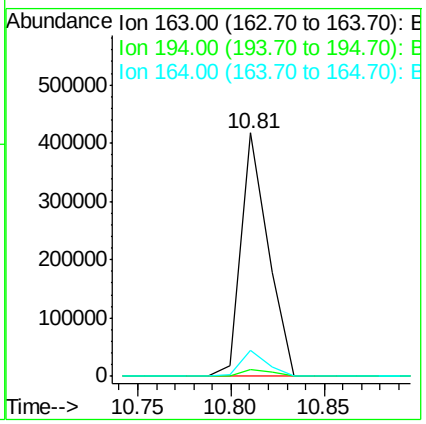


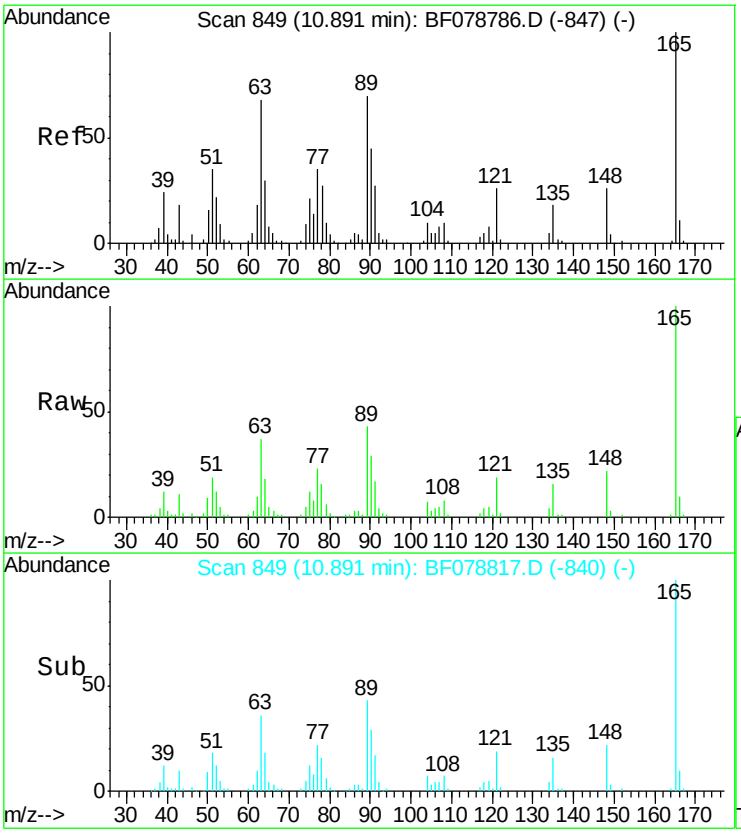

#49
Dimethylphthalate
Concen: 38.46 ng
RT: 10.81 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:163 Resp: 421005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.0 | 2.6 | 4.0 |
| 164 | 10.6 | 8.1 | 12.1 |

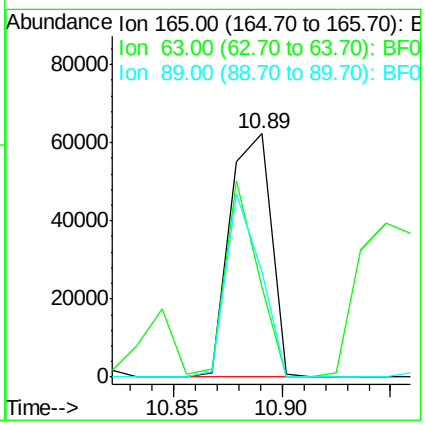


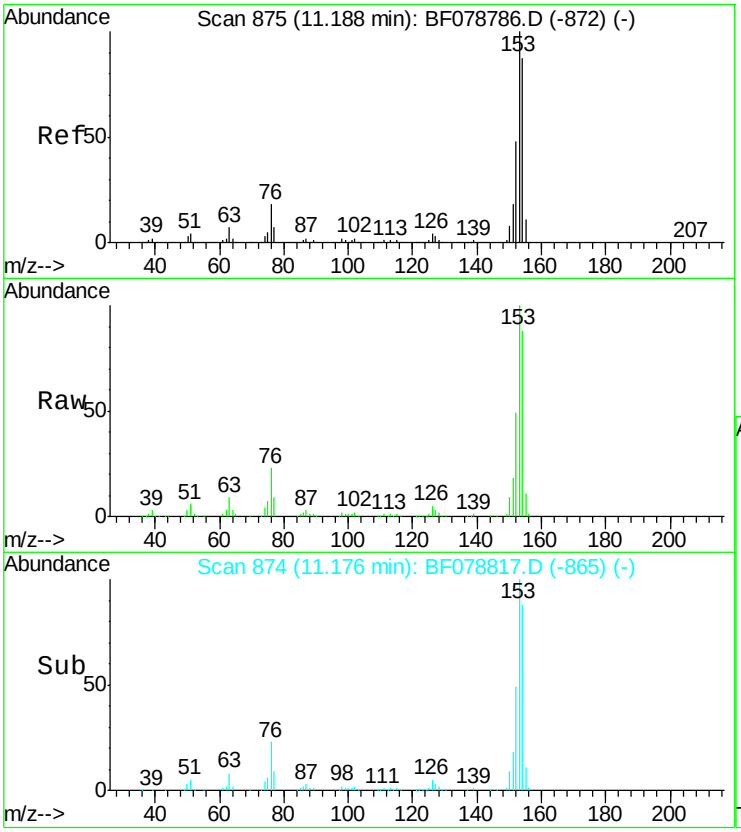




#50
2,6-Dinitrotoluene
Concen: 45.76 ng
RT: 10.89 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:165 Resp: 81610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 37.0 | 54.4 | 81.6# |
| 89 | 43.1 | 55.7 | 83.5# |



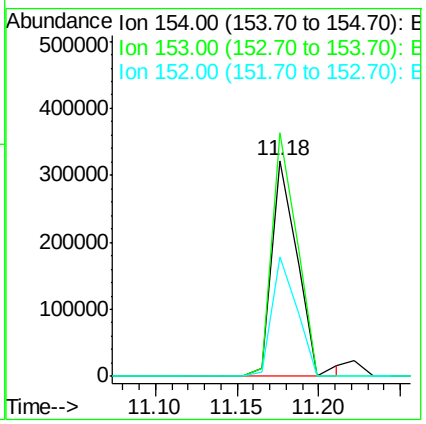


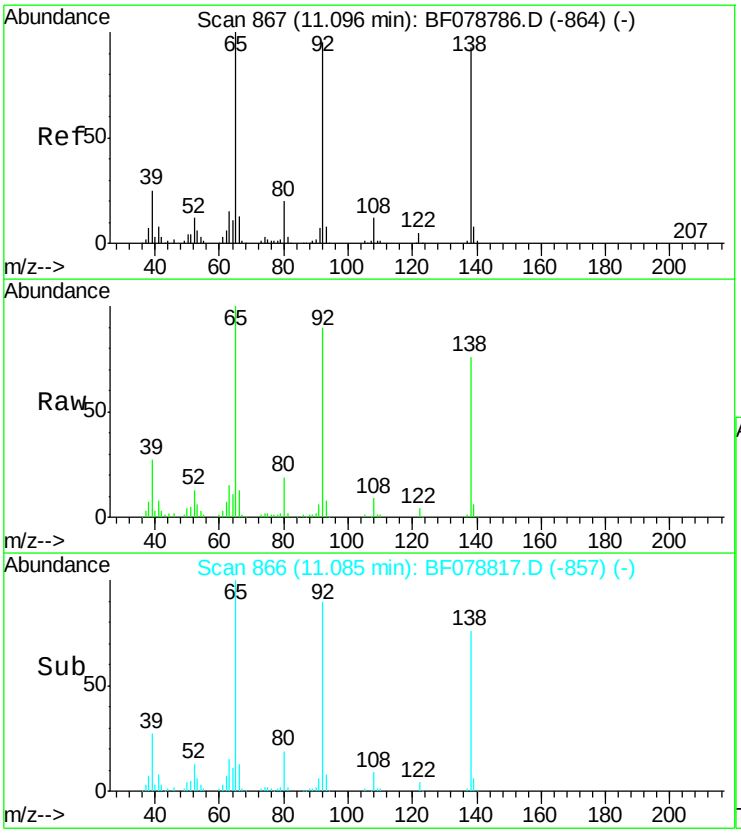

#51
Acenaphthene
Concen: 38.12 ng
RT: 11.18 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:154 Resp: 353839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.0 | 91.5 | 137.3 |
| 152 | 55.2 | 44.2 | 66.4 |

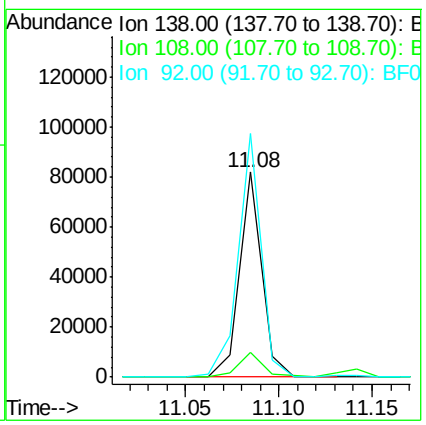


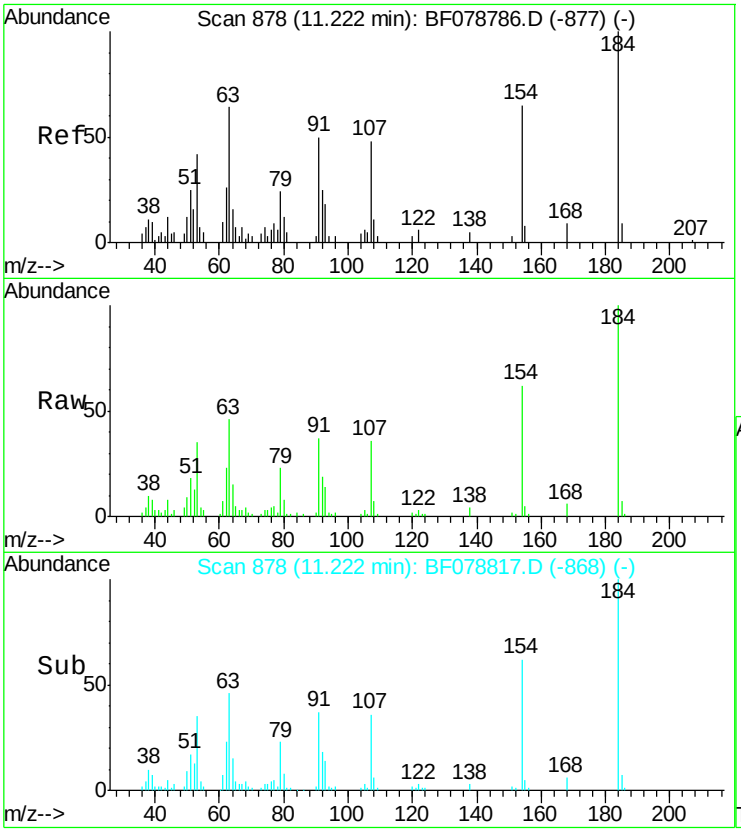




#52
3-Nitroaniline
Concen: 29.53 ng
RT: 11.08 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:138 Resp: 68327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.9 | 10.6 | 16.0 |
| 92 | 118.9 | 81.8 | 122.6 |



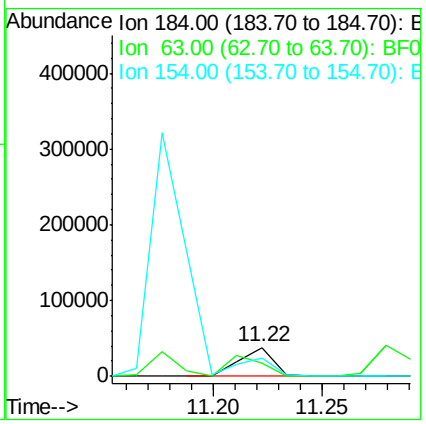


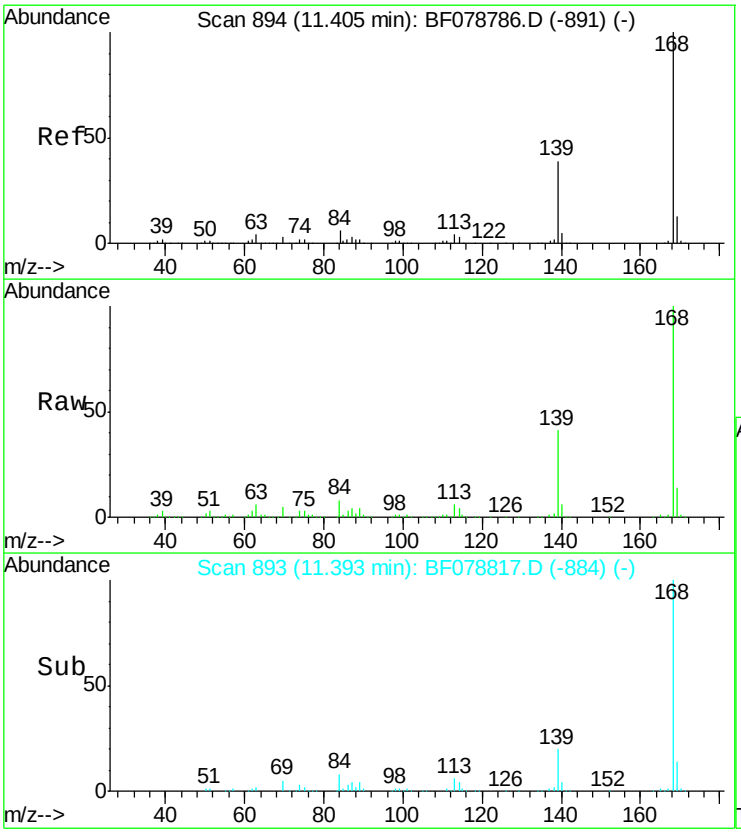

#53
2,4-Dinitrophenol
Concen: 143.55 ng
RT: 11.22 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:184 Resp: 40926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 46.1 | 63.3 | 94.9# |
| 154 | 61.7 | 53.8 | 80.6 |

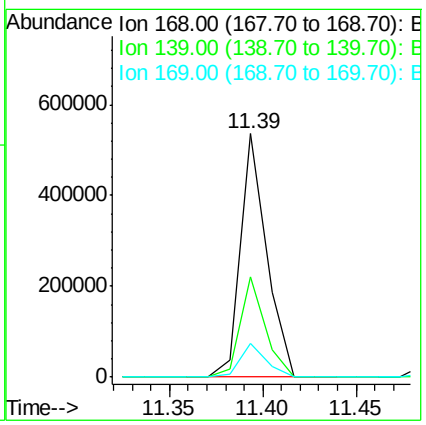


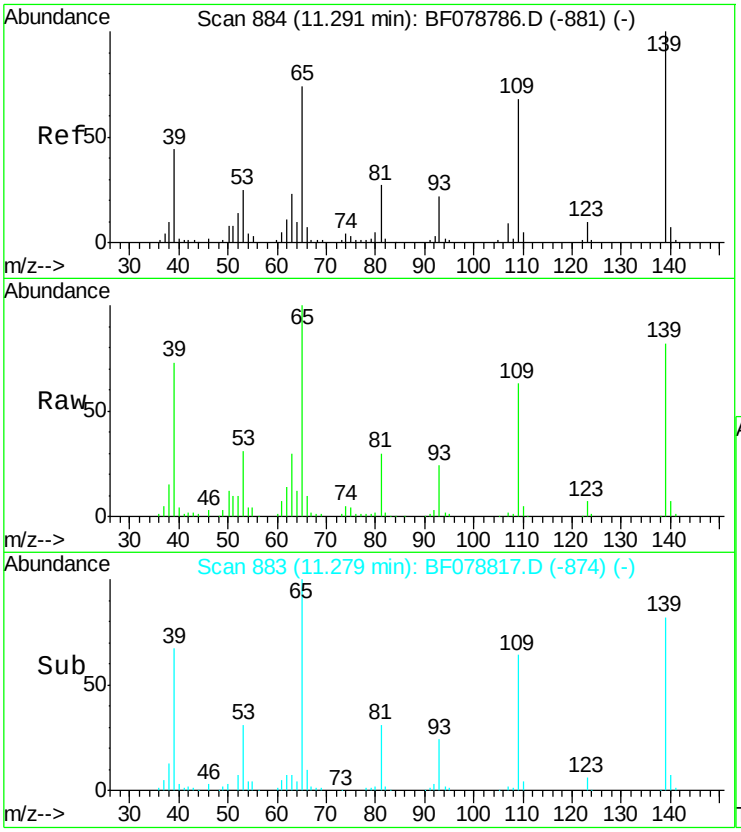




#54
Dibenzofuran
Concen: 38.43 ng
RT: 11.39 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:168 Resp: 523284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 41.2 | 31.0 | 46.4 |
| 169 | 13.9 | 10.6 | 16.0 |



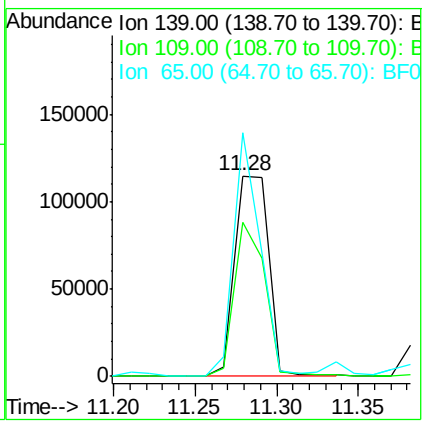


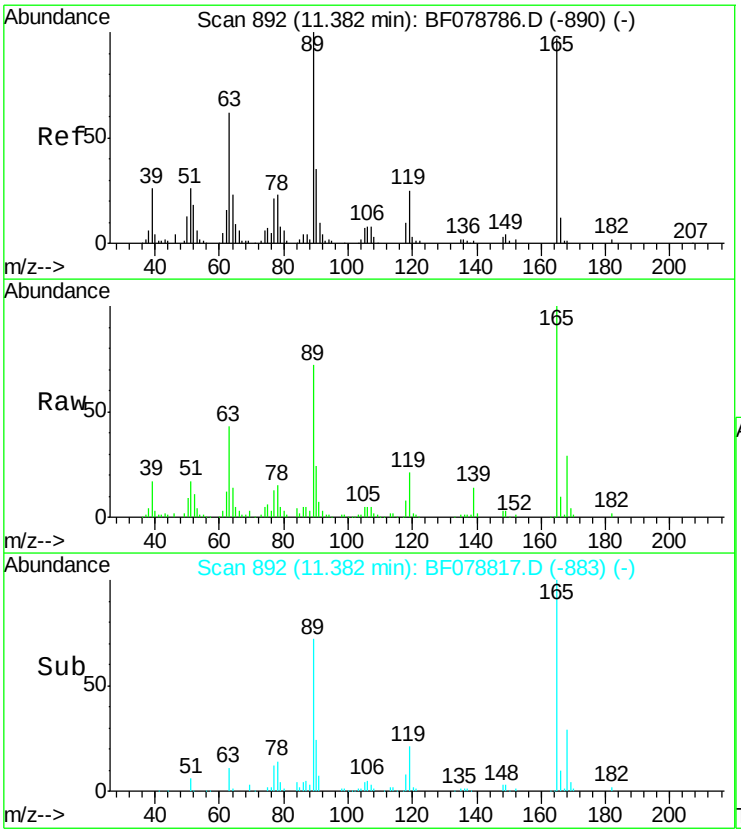

#55
4-Nitrophenol
Concen: 88.06 ng
RT: 11.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:139 Resp: 164836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 77.2 | 47.6 | 87.6 |
| 65 | 121.6 | 54.3 | 94.3# |

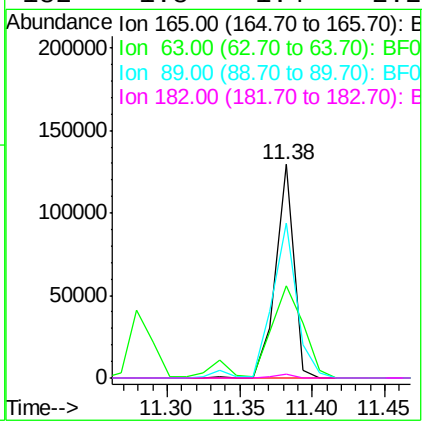


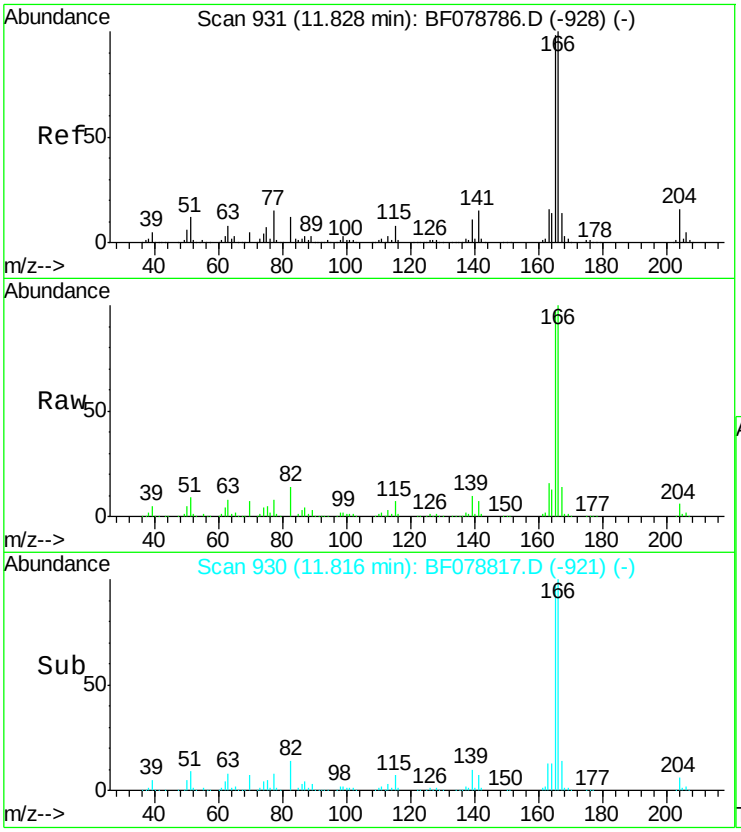




#56
2,4-Dinitrotoluene
Concen: 51.68 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:165 Resp: 113607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.1 | 51.2 | 76.8# |
| 89 | 72.4 | 82.7 | 124.1# |
| 182 | 1.8 | 1.4 | 2.2 |



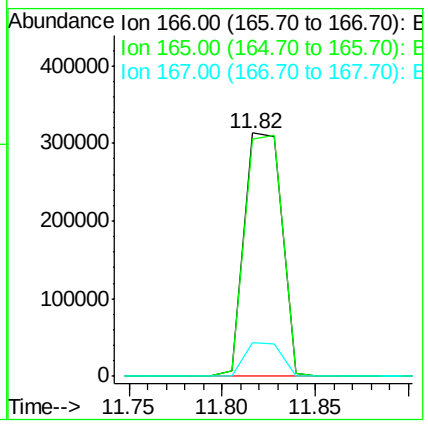


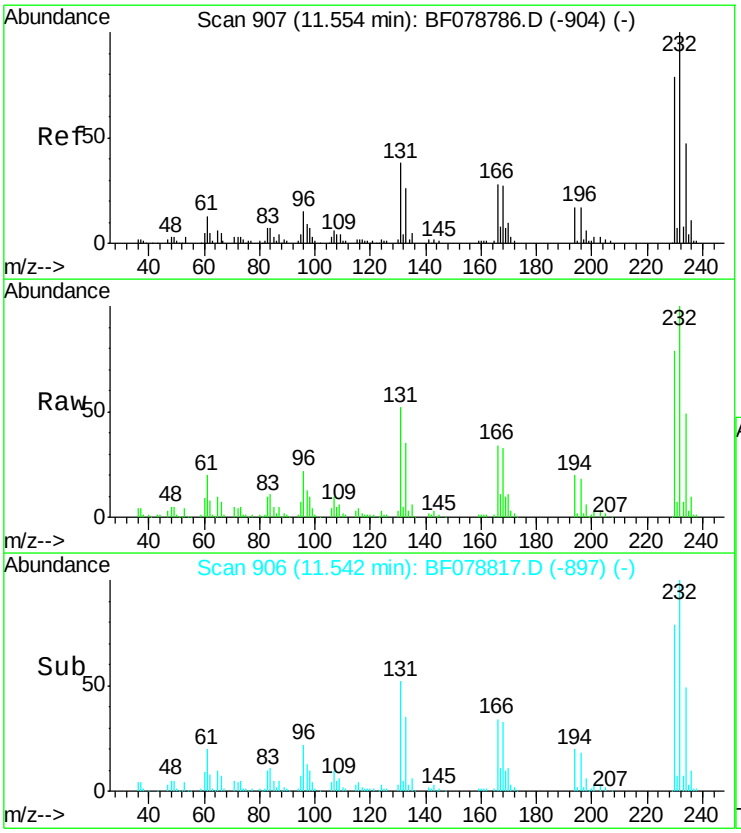

#57
Fluorene
Concen: 39.95 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:166 Resp: 434833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.4 | 78.5 | 117.7 |
| 167 | 13.7 | 11.0 | 16.6 |

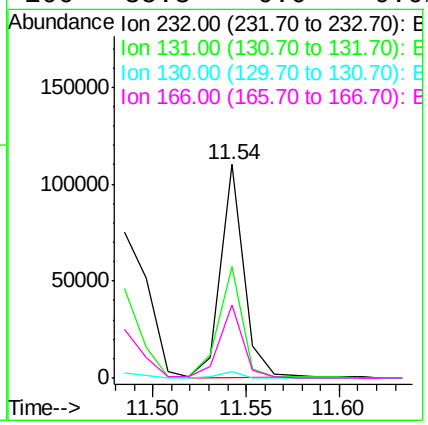


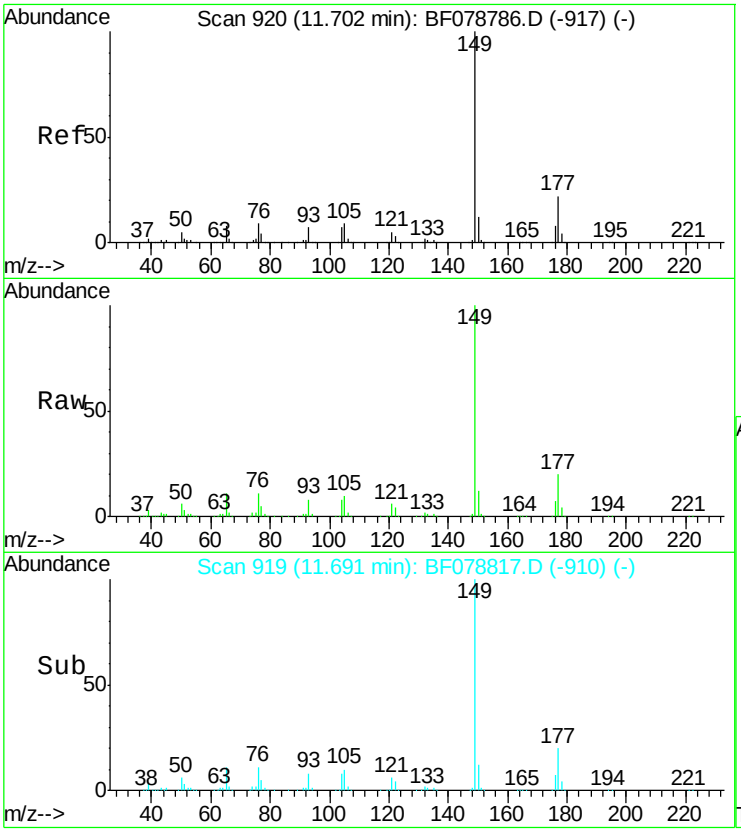




#58
2,3,4,6-Tetrachlorophenol
Concen: 44.77 ng
RT: 11.54 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:232 Resp: 94877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 54.4 | 0.0 | 0.0# |
| 130 | 2.7 | 0.0 | 0.0# |
| 166 | 35.3 | 0.0 | 0.0# |



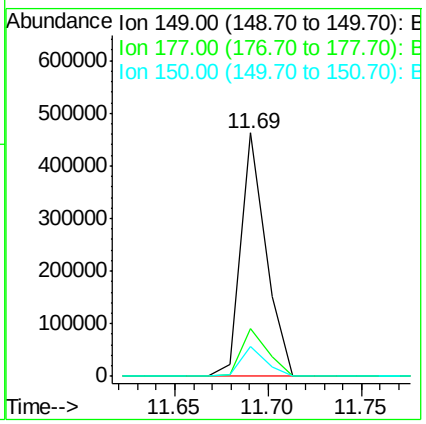


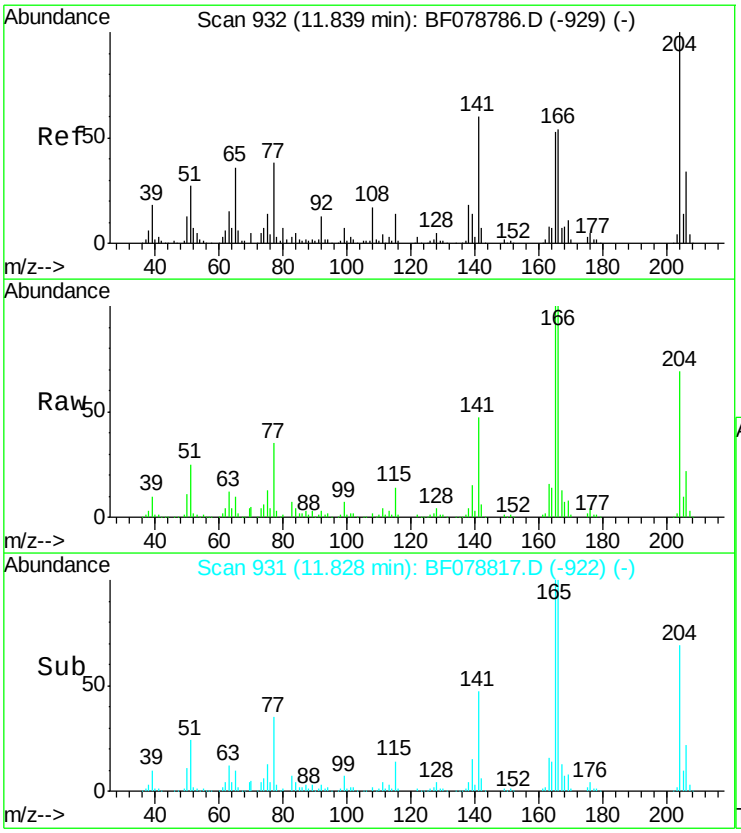

#59
Diethylphthalate
Concen: 40.10 ng
RT: 11.69 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:149 Resp: 436808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 19.6 | 17.5 | 26.3 |
| 150 | 12.5 | 9.6 | 14.4 |

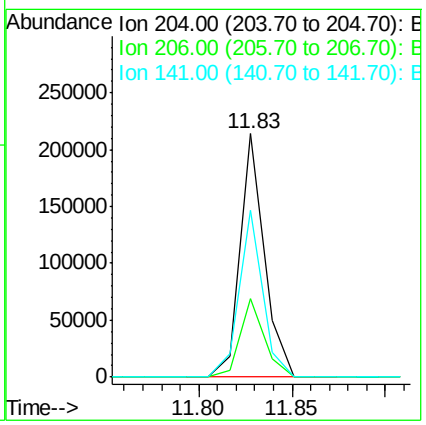


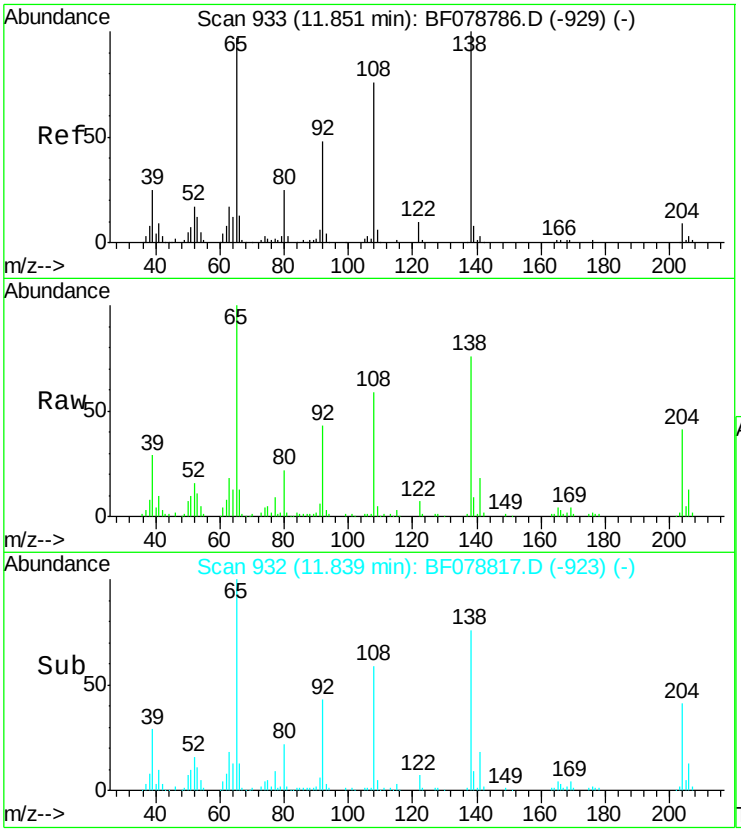




#60
4-Chlorophenyl-phenylether
Concen: 39.99 ng
RT: 11.83 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:204 Resp: 193695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 26.9 | 40.3 |
| 141 | 68.4 | 48.3 | 72.5 |



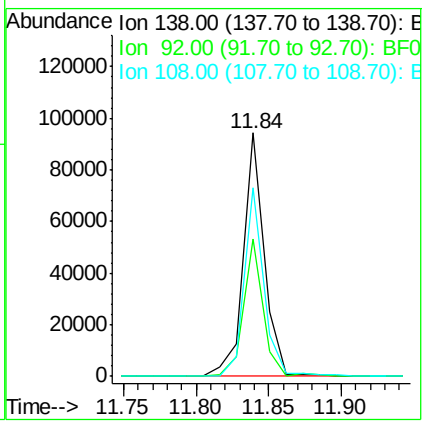


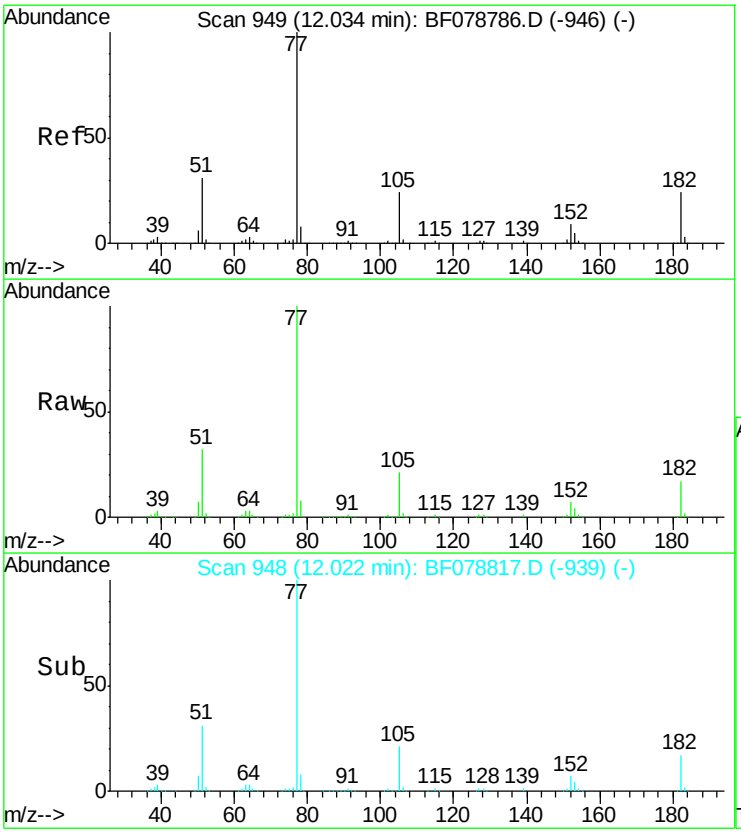

#61
4-Nitroaniline
Concen: 40.66 ng
RT: 11.84 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:138 Resp: 94142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 56.5 | 28.0 | 68.0 |
| 108 | 77.2 | 56.3 | 96.3 |

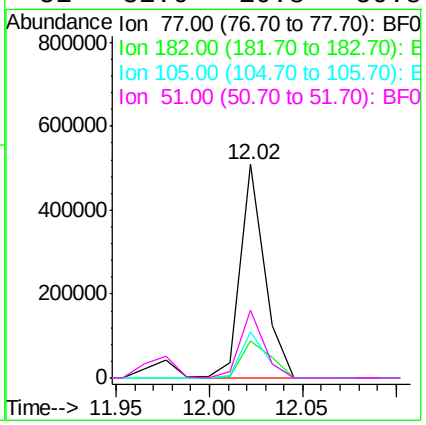


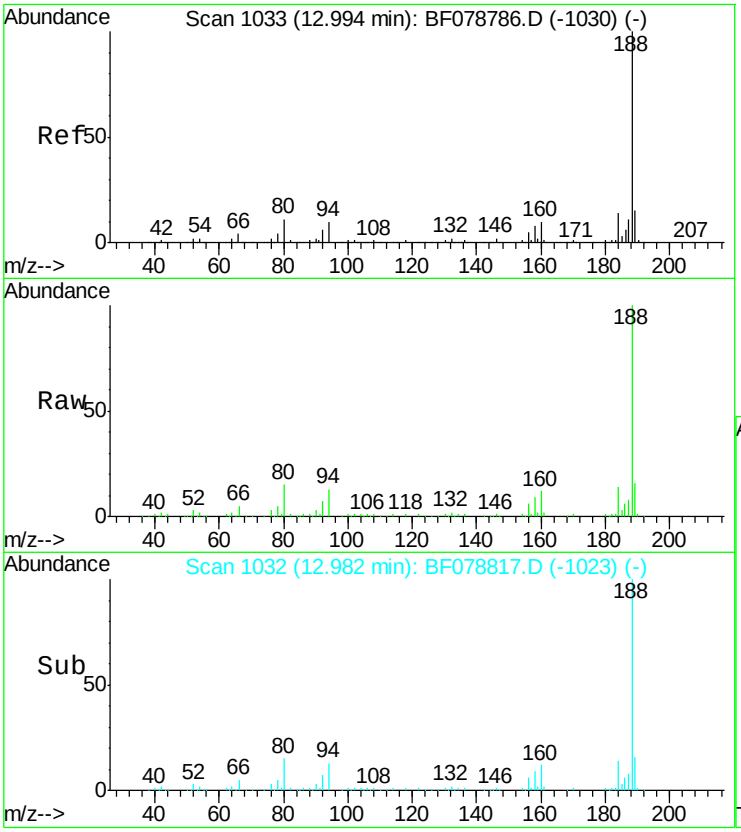




#62
Azobenzene
Concen: 41.73 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion: 77 Resp: 463563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 17.2 | 3.8 | 43.8 |
| 105 | 21.5 | 3.9 | 43.9 |
| 51 | 31.6 | 10.8 | 50.8 |



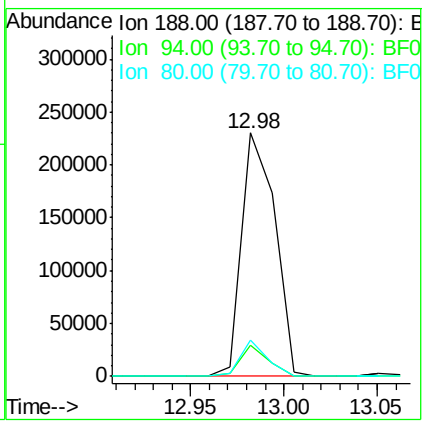


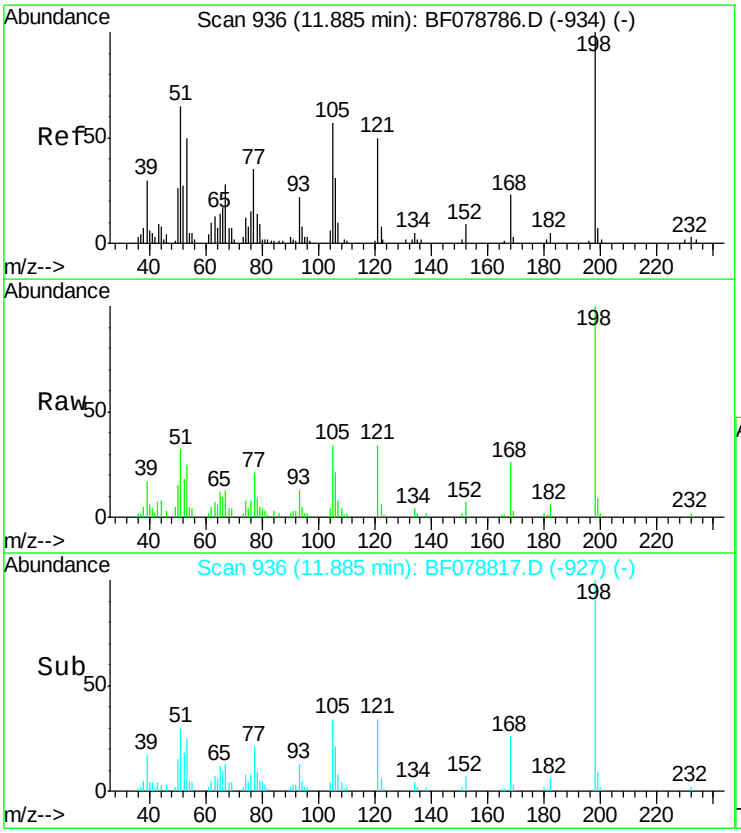

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:188 Resp: 285311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.0 | 8.2 | 12.2# |
| 80 | 15.1 | 8.9 | 13.3# |

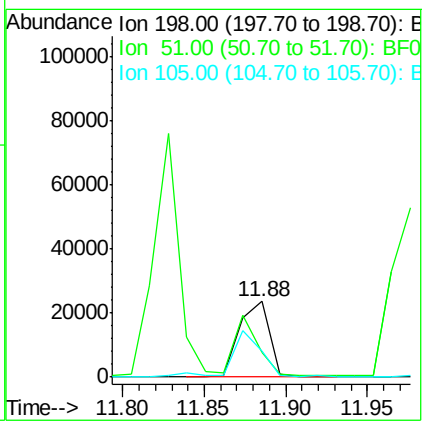


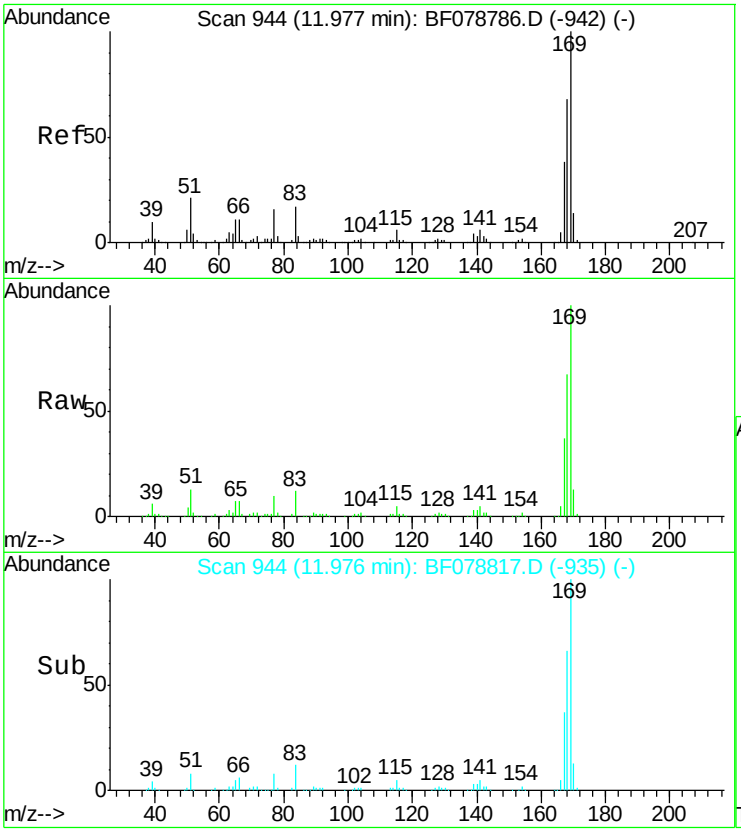




#64
4,6-Dinitro-2-methylphenol
Concen: 59.13 ng
RT: 11.88 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:198 Resp: 30108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 32.1 | 47.3 | 87.3# |
| 105 | 34.2 | 38.8 | 78.8# |



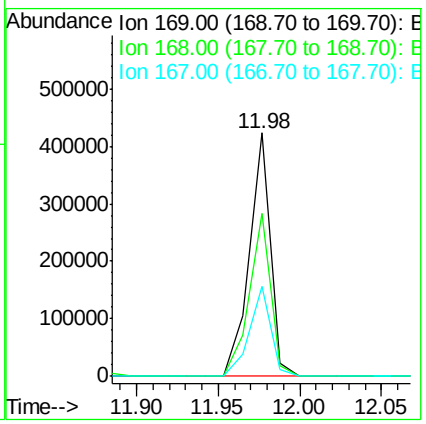


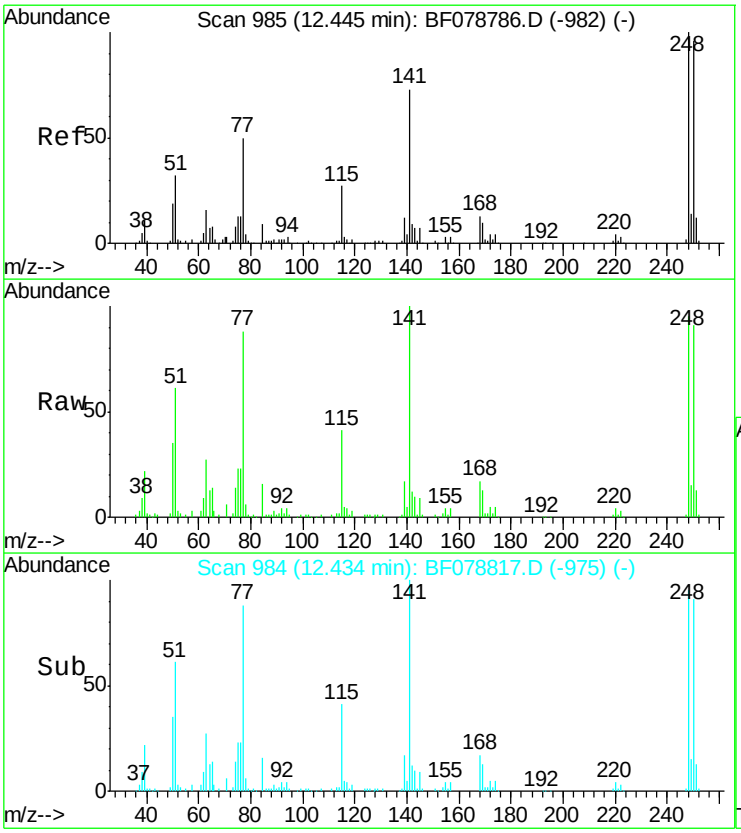

#65
n-Nitrosodiphenylamine
Concen: 41.20 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:169 Resp: 380063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.0 | 54.6 | 82.0 |
| 167 | 36.9 | 30.6 | 45.8 |

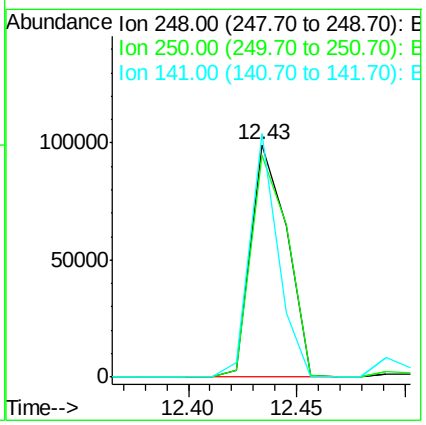


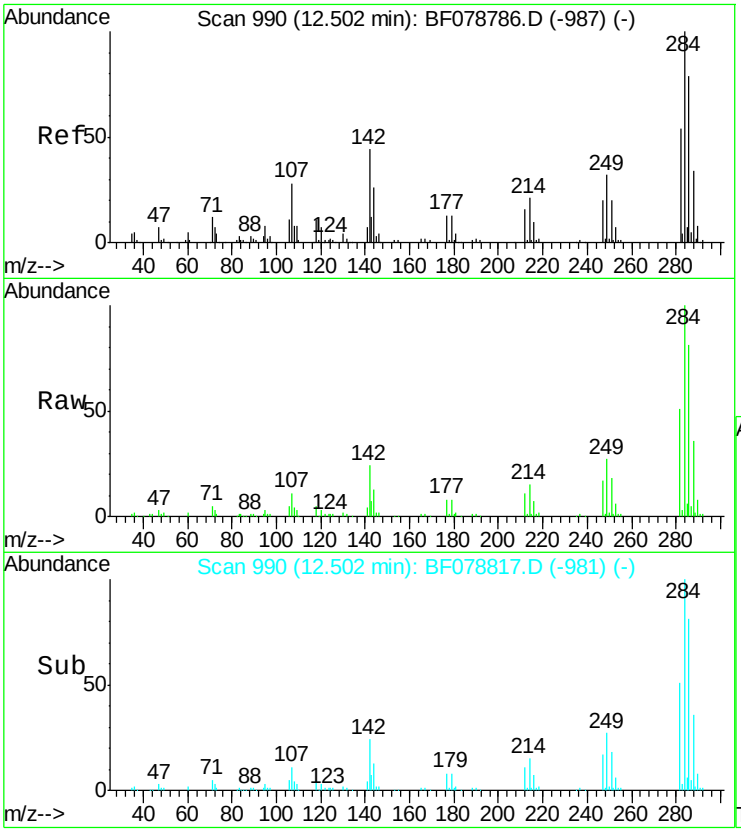




#66
4-Bromophenyl-phenylether
Concen: 39.95 ng
RT: 12.43 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:248 Resp: 115046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.6 | 77.1 | 115.7 |
| 141 | 104.9 | 58.8 | 88.2# |



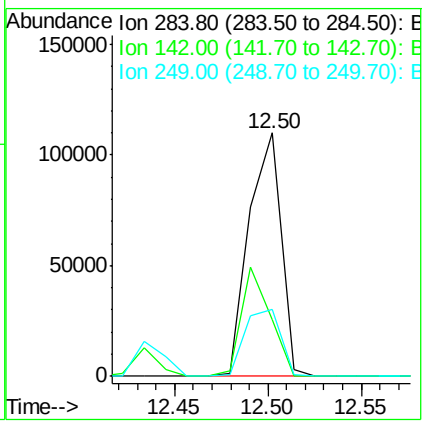


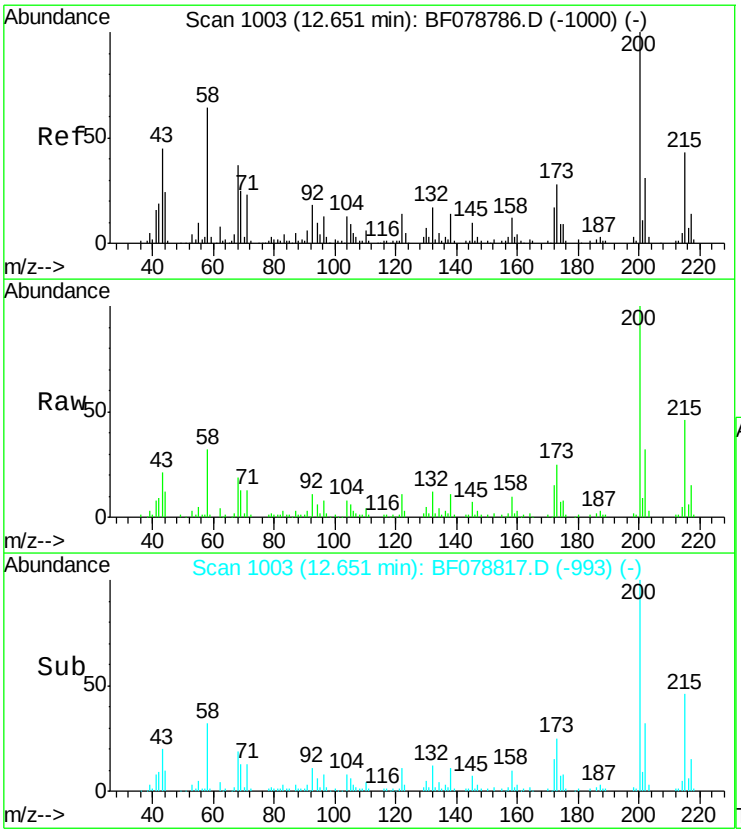

#67
Hexachlorobenzene
Concen: 40.23 ng
RT: 12.50 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:284 Resp: 131254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.5 | 35.2 | 52.8# |
| 249 | 27.3 | 25.4 | 38.2 |

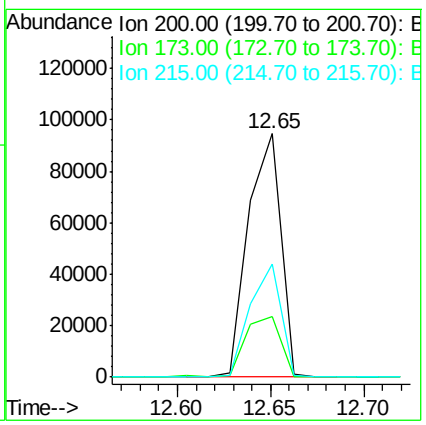


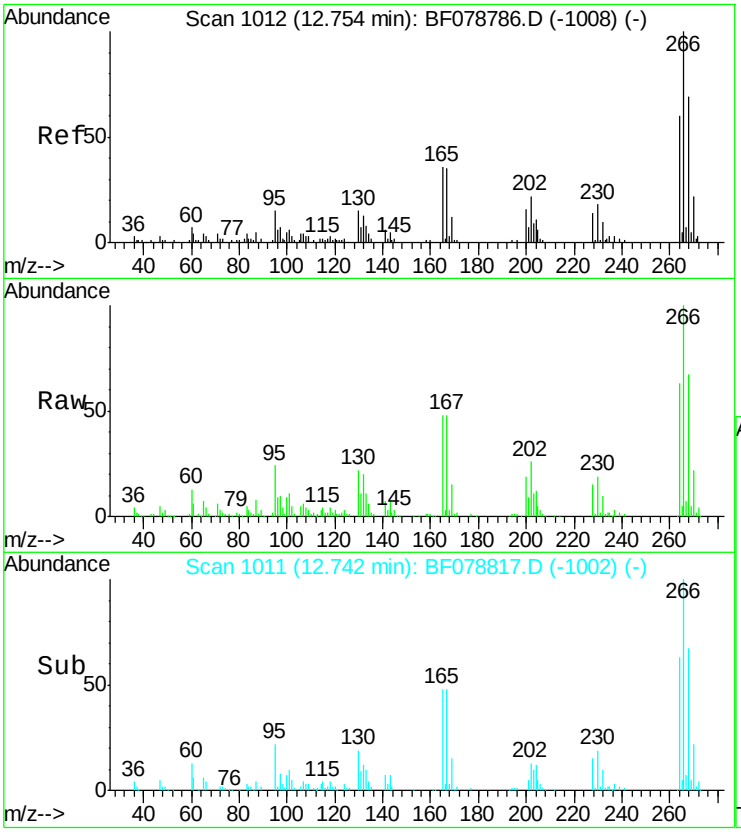




#68
Atrazine
Concen: 46.22 ng
RT: 12.65 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:200 Resp: 114188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.9 | 8.1 | 48.1 |
| 215 | 46.4 | 22.9 | 62.9 |



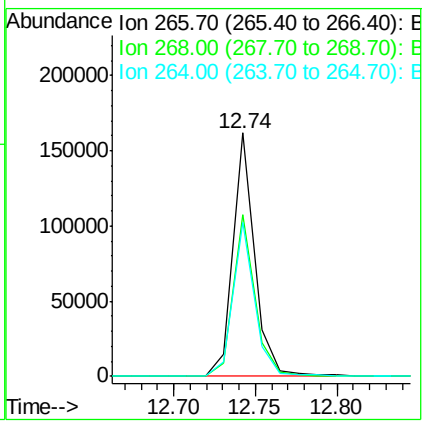


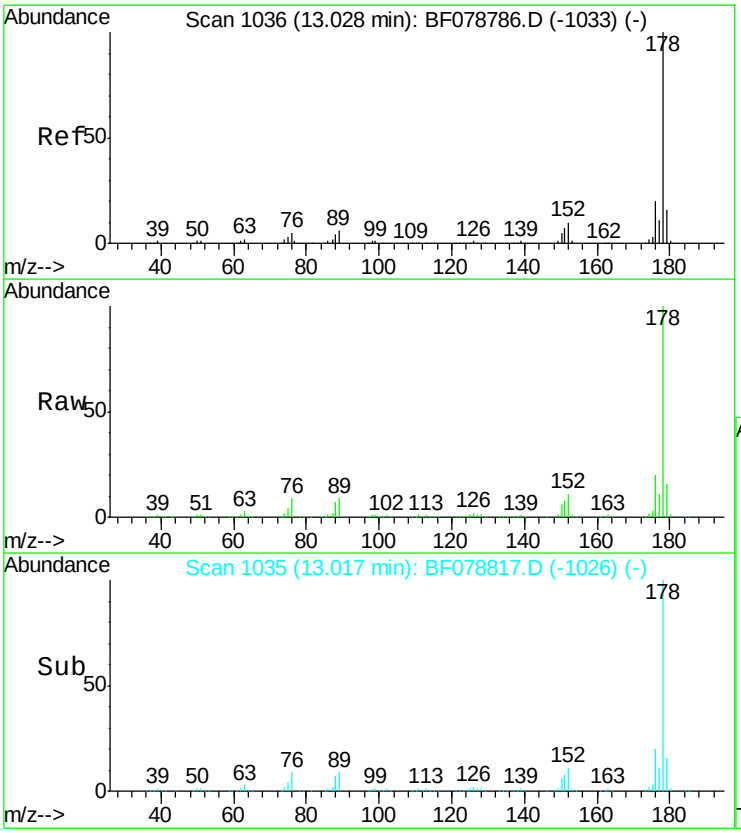

#69
Pentachlorophenol
Concen: 84.38 ng
RT: 12.74 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:266 Resp: 146648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.6 | 55.0 | 82.6 |
| 264 | 63.5 | 48.2 | 72.2 |

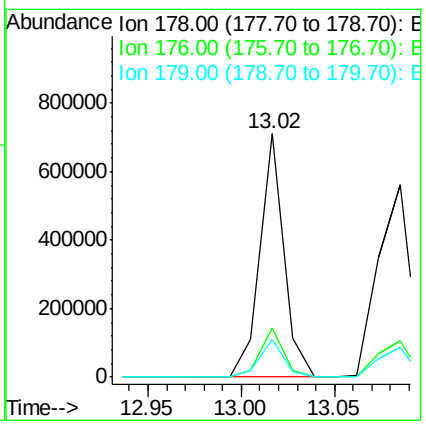


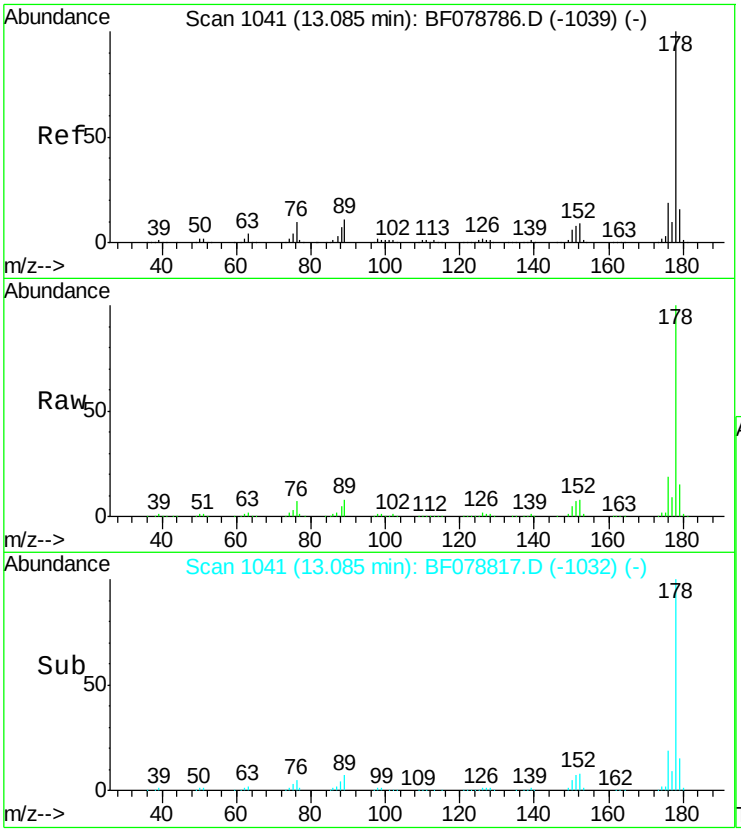




#70
Phenanthrene
Concen: 41.44 ng
RT: 13.02 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:178 Resp: 640166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 15.8 | 23.8 |
| 179 | 15.6 | 12.5 | 18.7 |



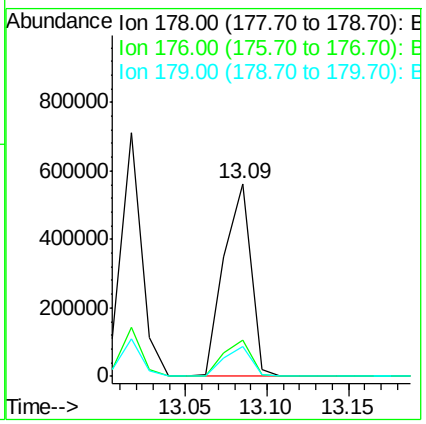


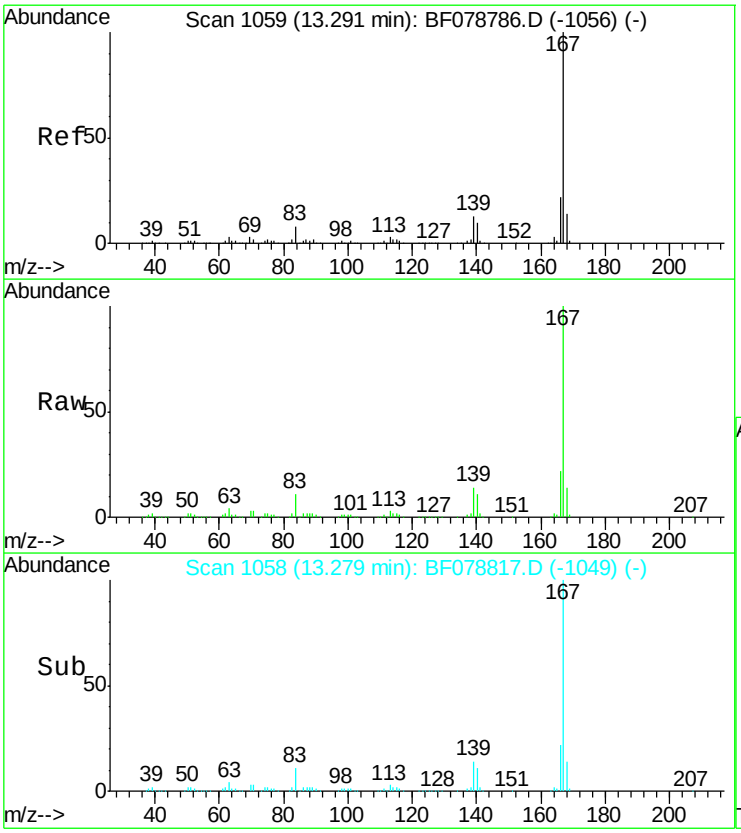

#71
Anthracene
Concen: 42.64 ng
RT: 13.09 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:178 Resp: 644043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.5 | 23.3 |
| 179 | 15.5 | 12.7 | 19.1 |

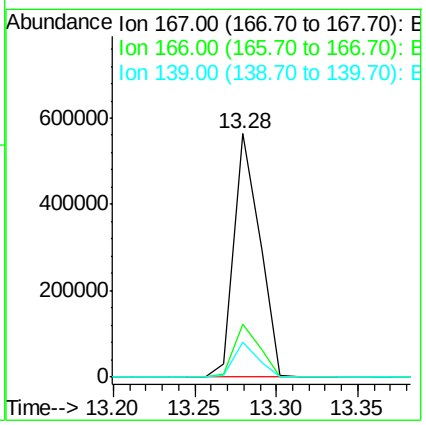


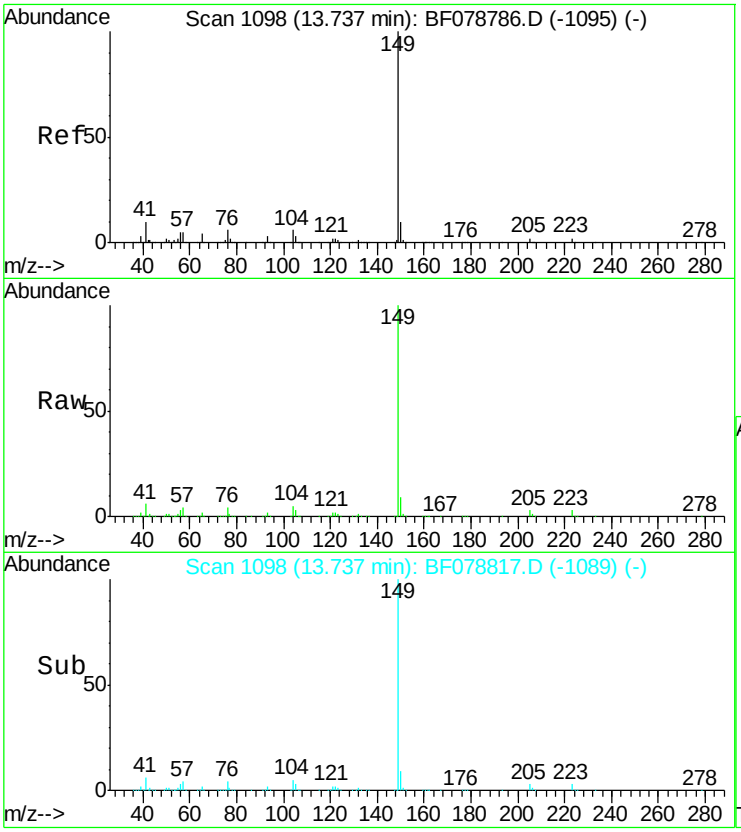




#72
Carbazole
Concen: 43.09 ng
RT: 13.28 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:167 Resp: 614483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.8 | 17.8 | 26.8 |
| 139 | 14.3 | 10.6 | 16.0 |



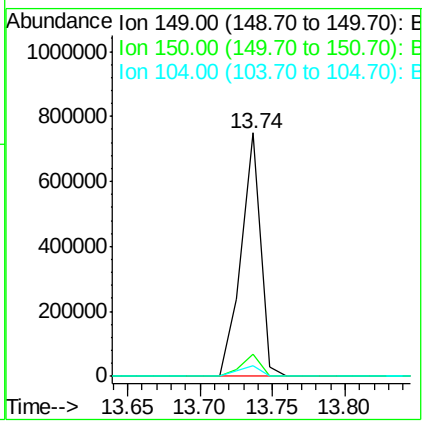


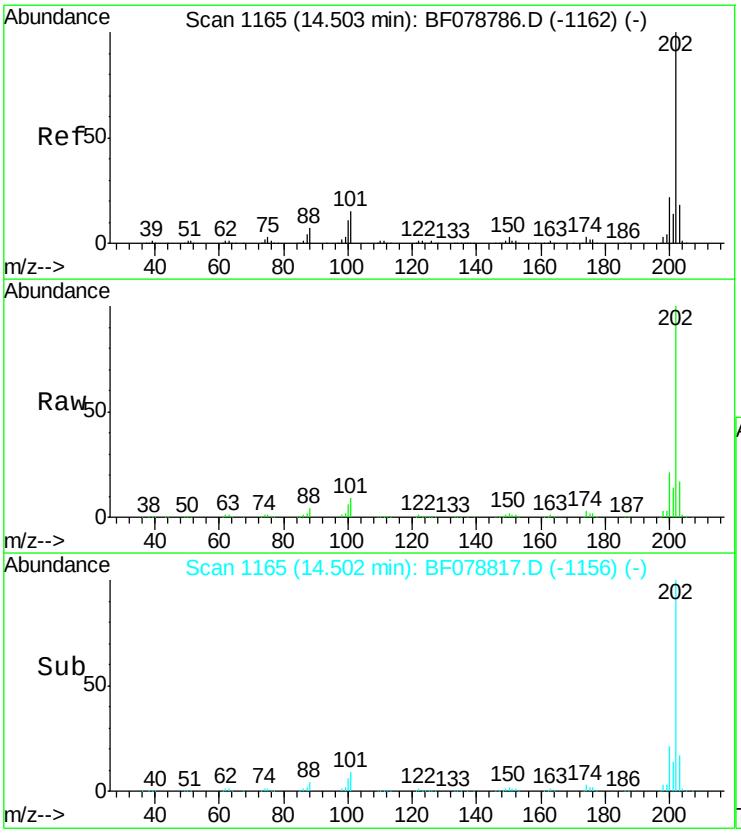

#73
Di-n-butylphthalate
Concen: 42.45 ng
RT: 13.74 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:149 Resp: 701354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.7 | 11.5 |
| 104 | 4.6 | 4.6 | 7.0# |

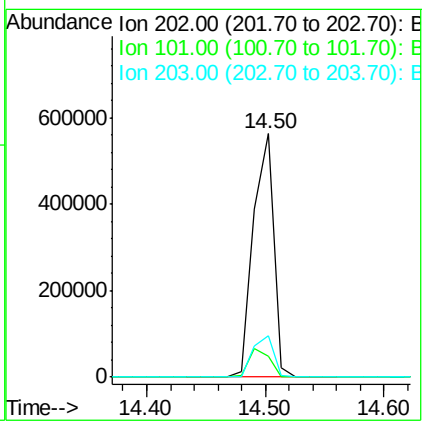


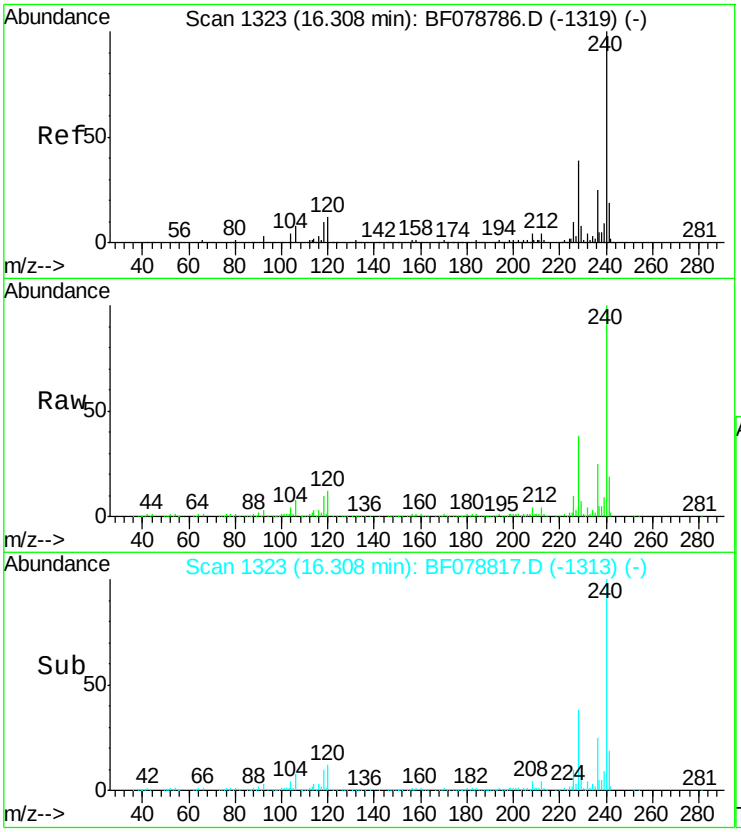




#74
Fluoranthene
Concen: 44.25 ng
RT: 14.50 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:202 Resp: 681625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.6 | 0.0 | 34.6 |
| 203 | 17.0 | 0.0 | 38.4 |



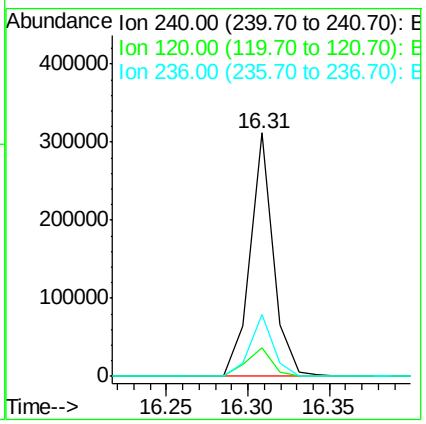


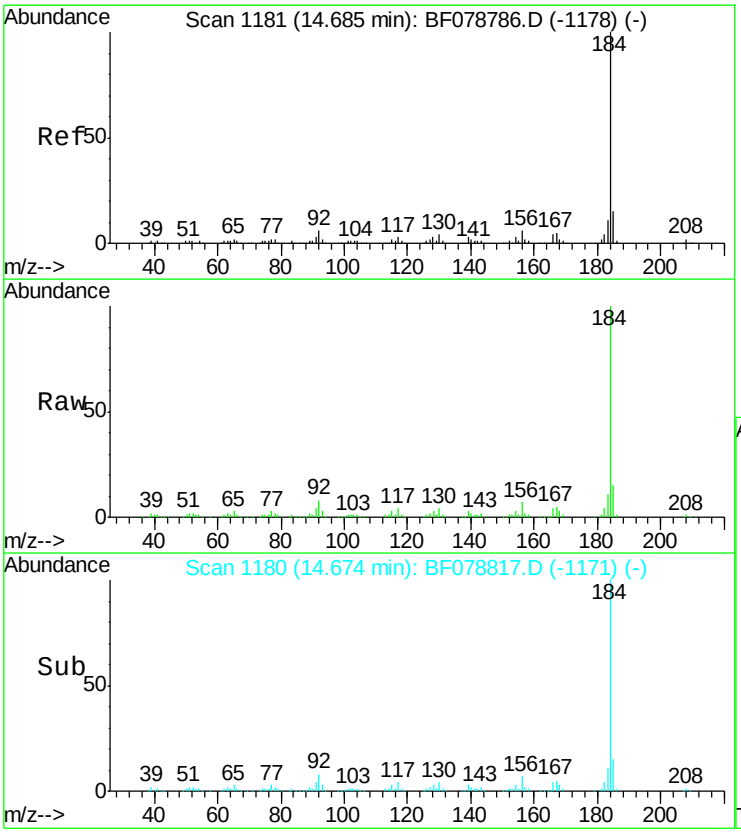

#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.31 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:240 Resp: 310510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.8 | 9.7 | 14.5 |
| 236 | 25.4 | 20.2 | 30.4 |

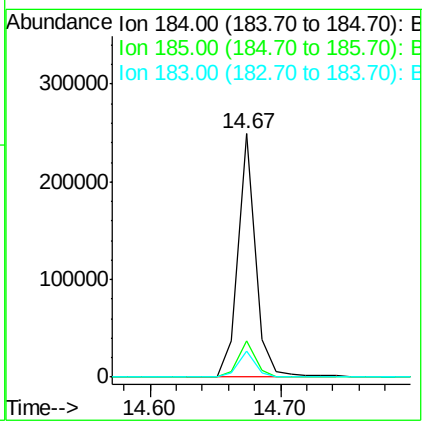


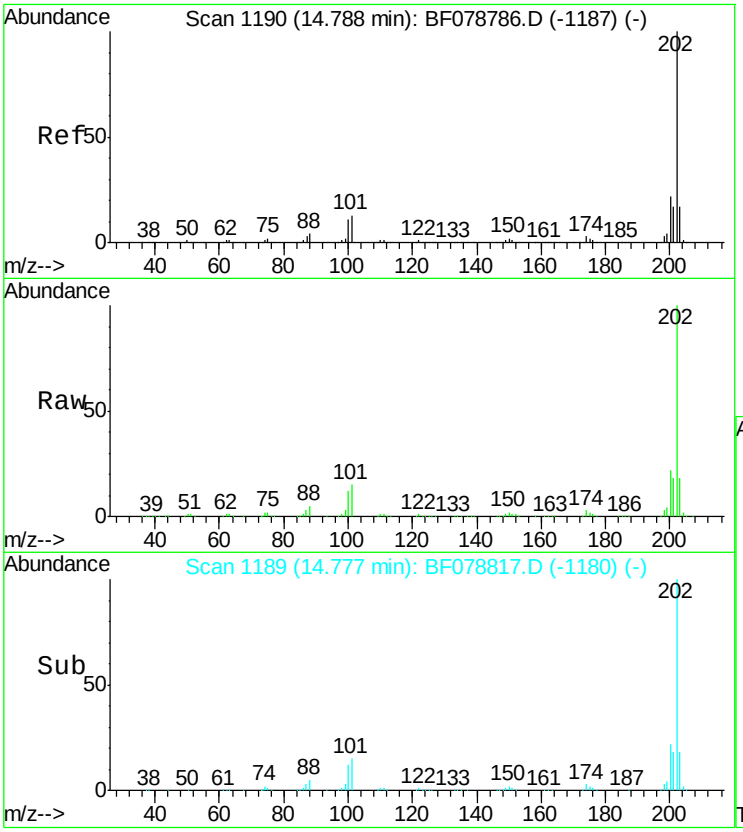




#76
Benzidine
Concen: 23.19 ng
RT: 14.67 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:184 Resp: 233130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.1 | 12.3 | 18.5 |
| 183 | 10.9 | 8.4 | 12.6 |



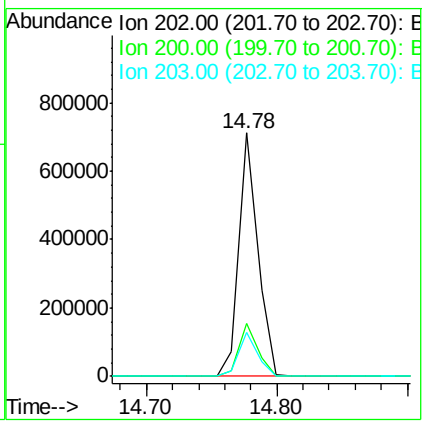


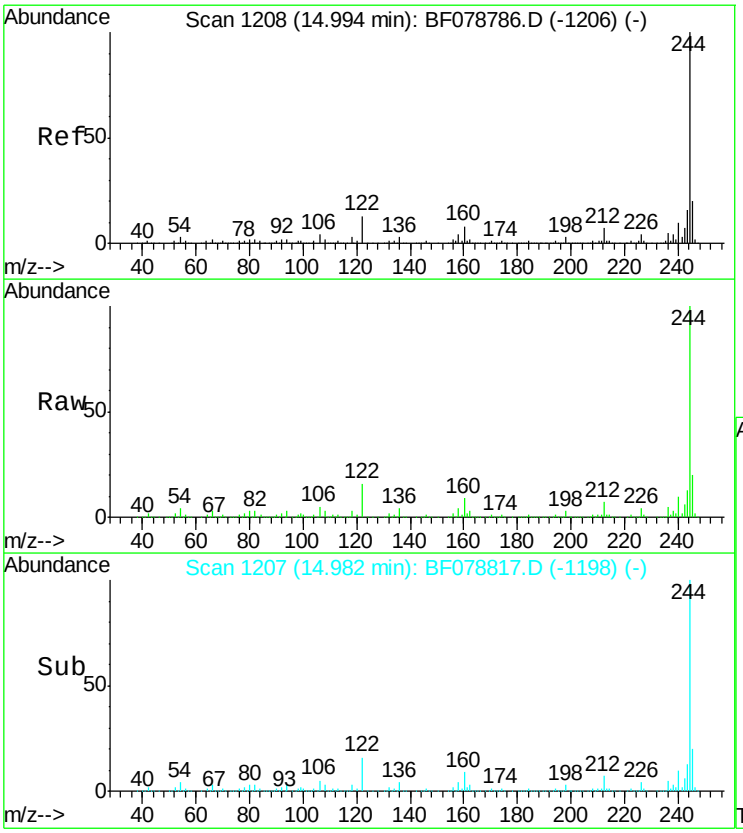

#77
Pyrene
Concen: 39.55 ng
RT: 14.78 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:202 Resp: 717578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 17.5 | 26.3 |
| 203 | 18.0 | 13.9 | 20.9 |

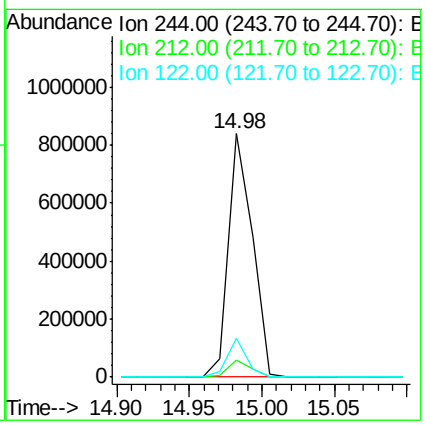


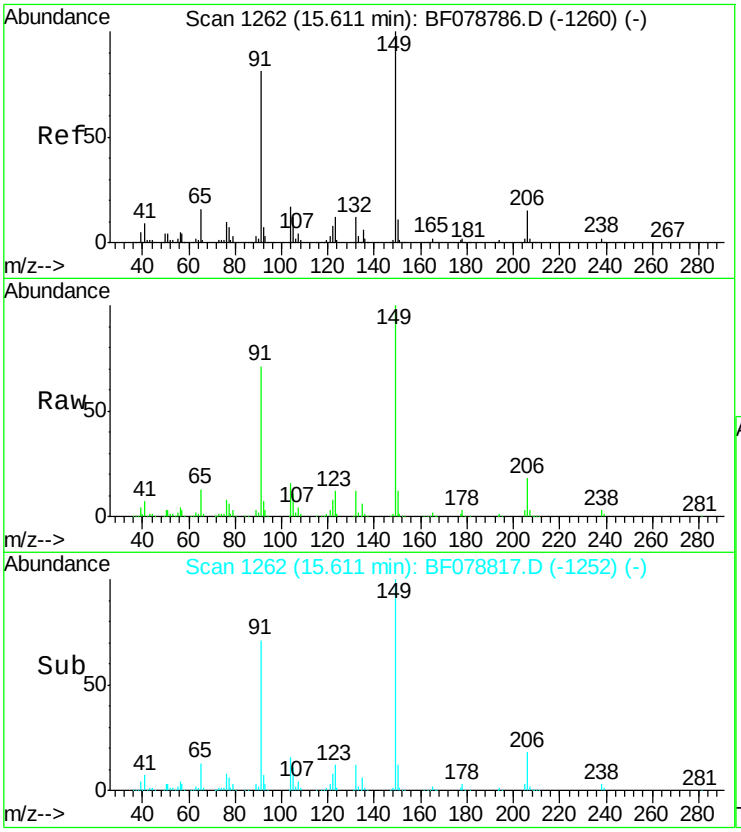




#78
Terphenyl-d14
Concen: 73.74 ng
RT: 14.98 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:244 Resp: 961382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.6 | 8.4 |
| 122 | 15.8 | 10.3 | 15.5# |



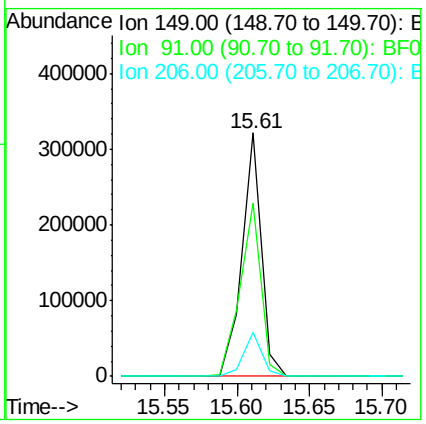


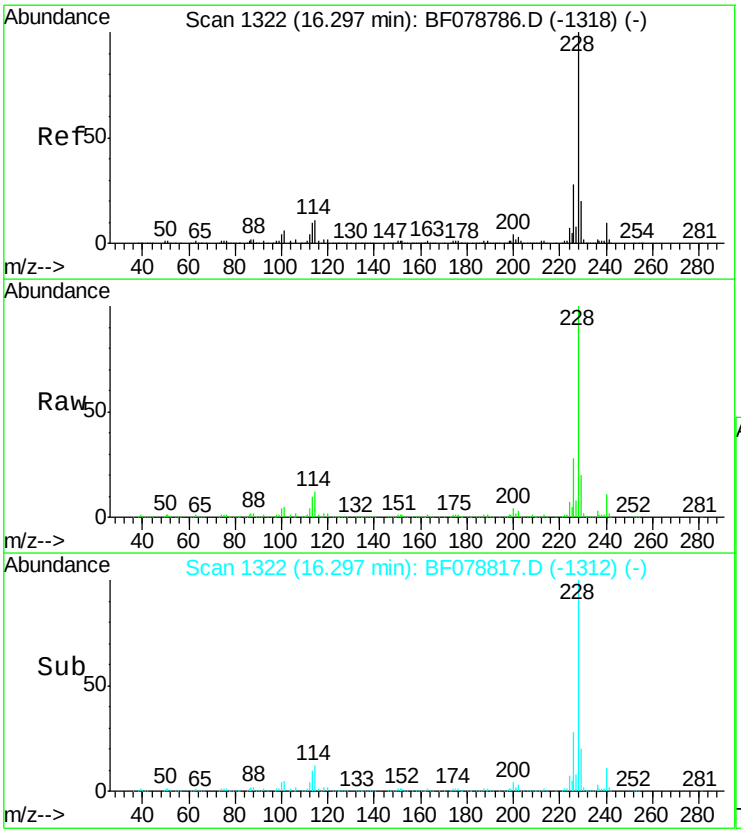

#79
Butylbenzylphthalate
Concen: 42.90 ng
RT: 15.61 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:149 Resp: 298431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.2 | 64.6 | 97.0 |
| 206 | 18.2 | 12.2 | 18.4 |

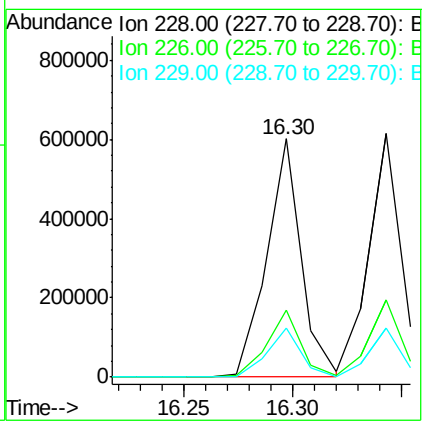


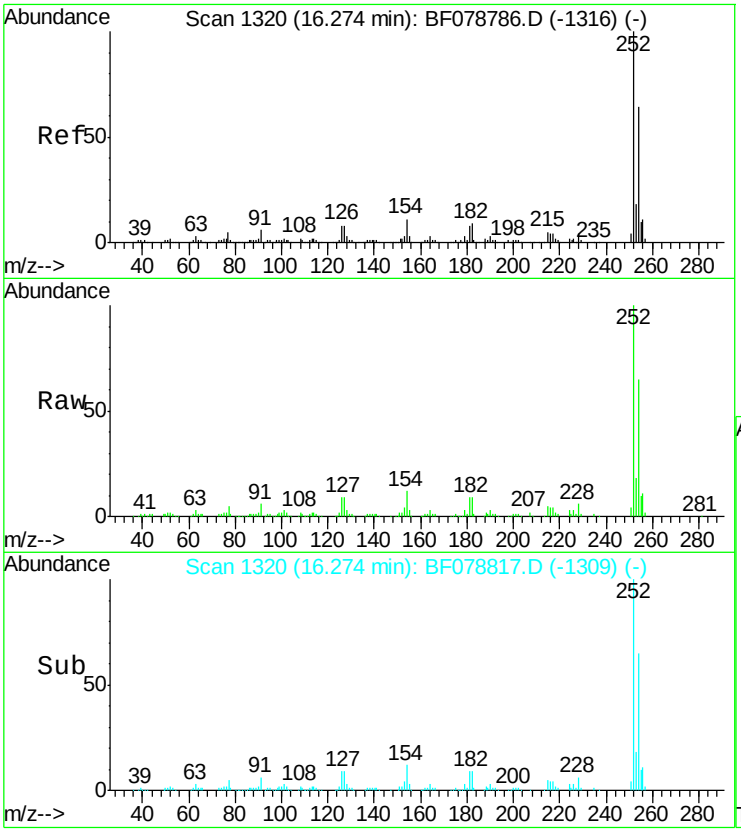




#80
Benzo(a)anthracene
Concen: 40.01 ng
RT: 16.30 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:228 Resp: 666608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.1 | 22.6 | 33.8 |
| 229 | 20.4 | 15.9 | 23.9 |



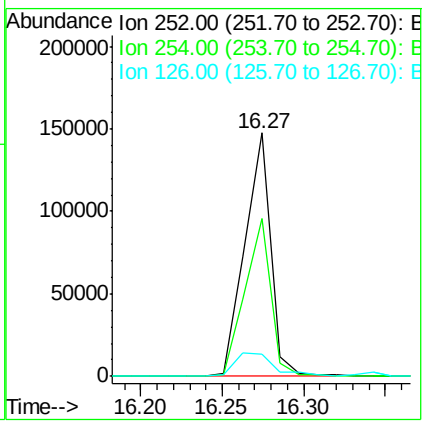


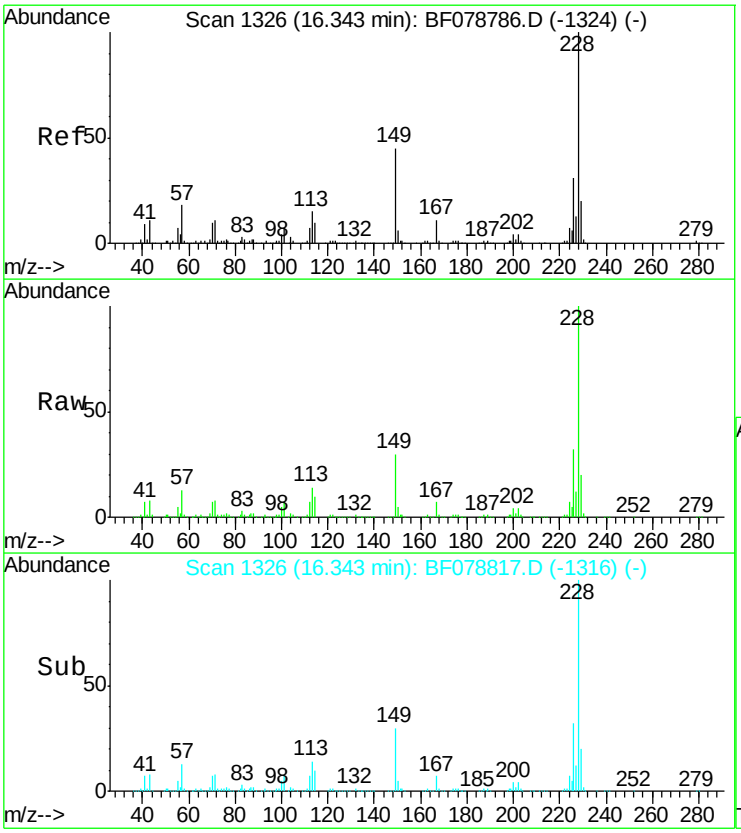

#81
3,3'-Dichlorobenzidine
Concen: 28.78 ng
RT: 16.27 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:252 Resp: 163222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.8 | 51.3 | 76.9 |
| 126 | 8.9 | 6.6 | 10.0 |

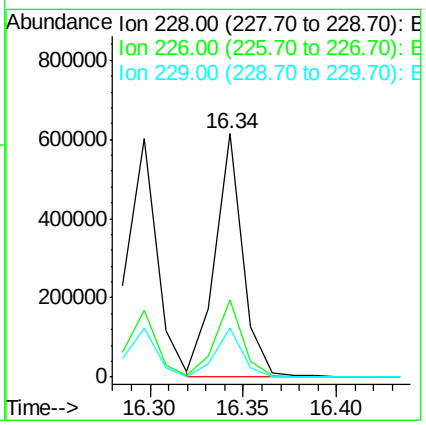


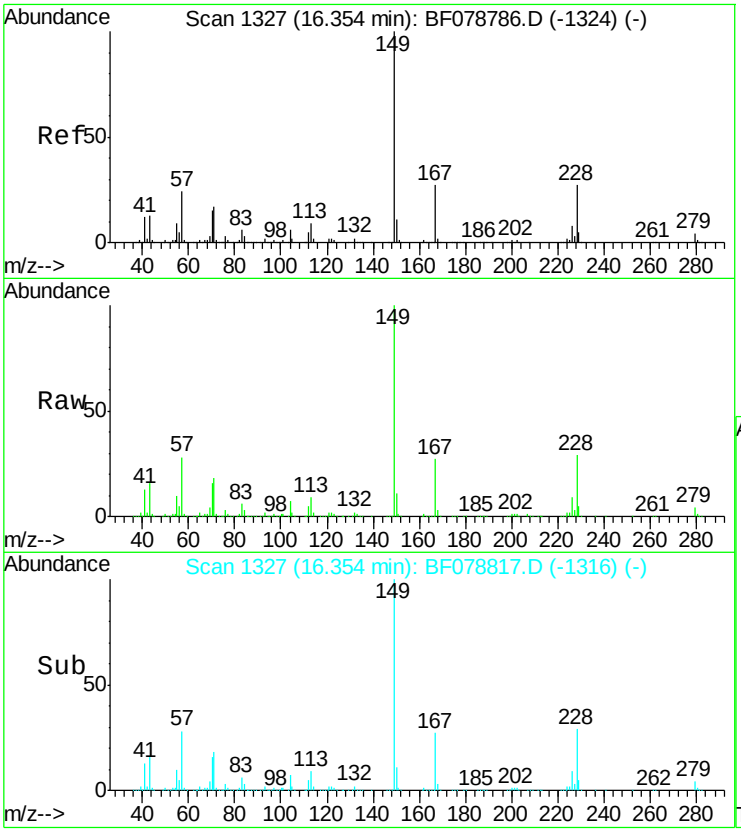




#82
Chrysene
Concen: 38.88 ng
RT: 16.34 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:228 Resp: 631448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.6 | 24.9 | 37.3 |
| 229 | 20.1 | 16.0 | 24.0 |



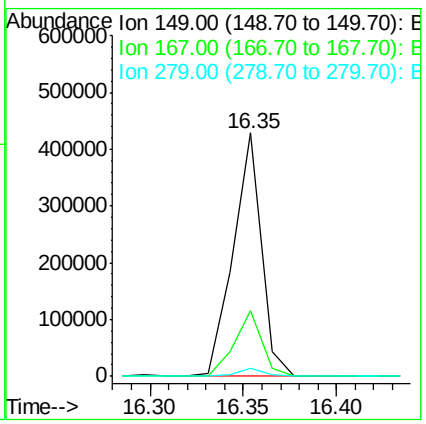


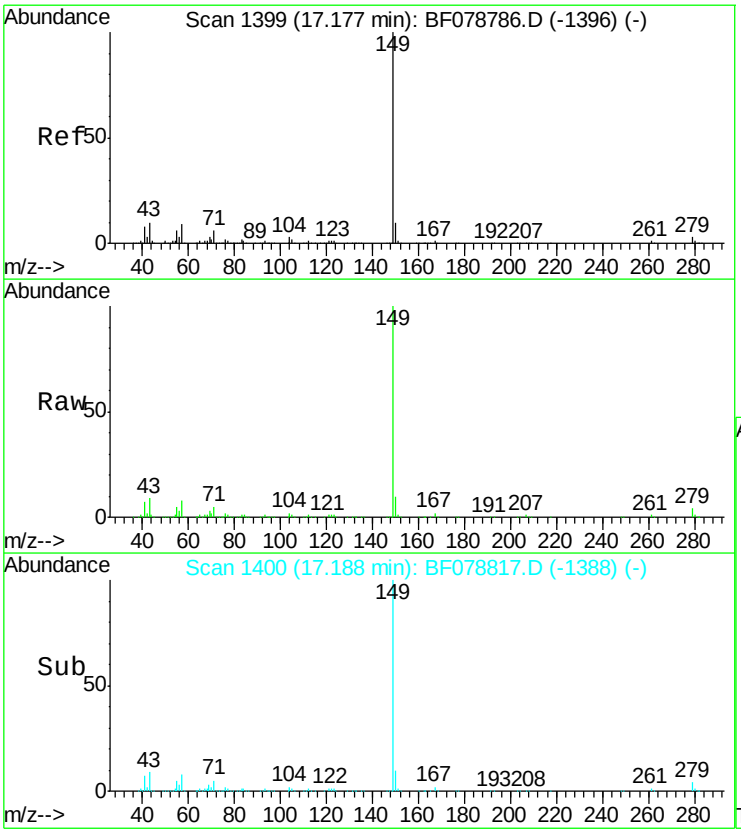

#83
Bis(2-ethylhexyl)phthalate
Concen: 40.85 ng
RT: 16.35 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:149 Resp: 456221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.0 | 21.8 | 32.8 |
| 279 | 3.6 | 2.9 | 4.3 |

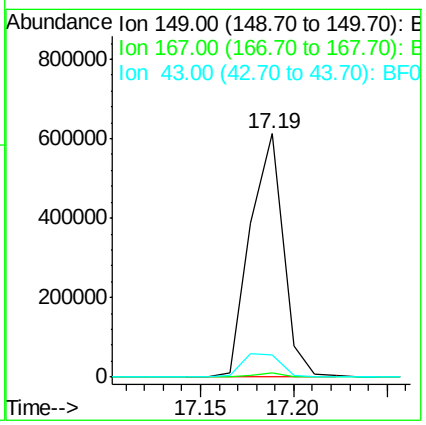


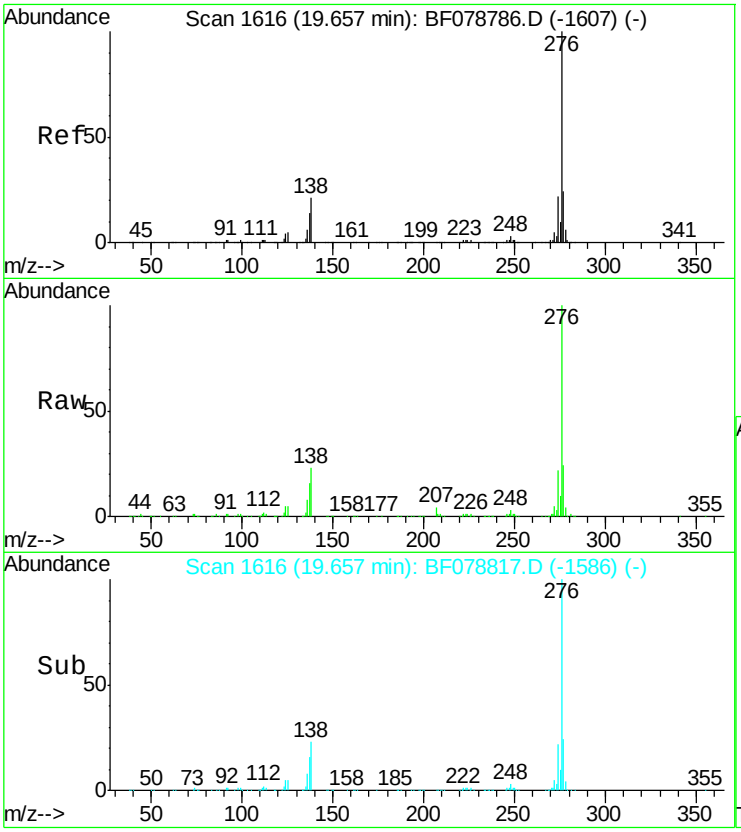




#84
Di-n-octyl phthalate
Concen: 42.51 ng
RT: 17.19 min Scan# 1400
Delta R.T. 0.03 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:149 Resp: 753655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 0.0 | 0.0# |
| 43 | 11.3 | 0.0 | 0.0# |



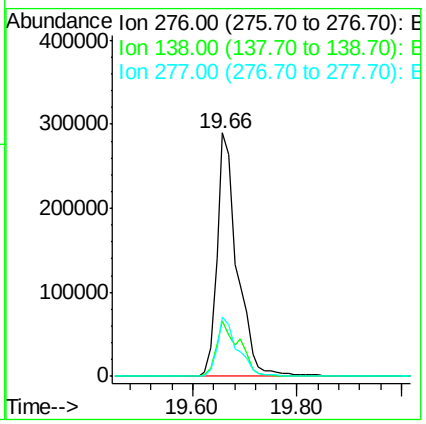


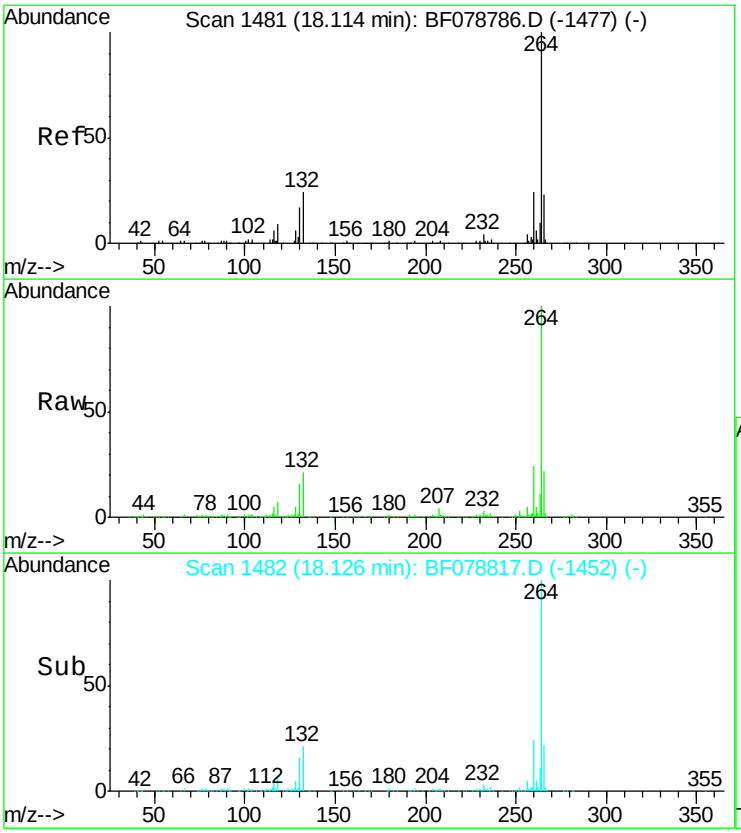

#85
Indeno(1,2,3-cd)pyrene
Concen: 41.89 ng
RT: 19.66 min Scan# 1616
Delta R.T. 0.05 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:276 Resp: 771638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.3 | 0.0 | 0.0# |
| 277 | 24.7 | 0.0 | 0.0# |

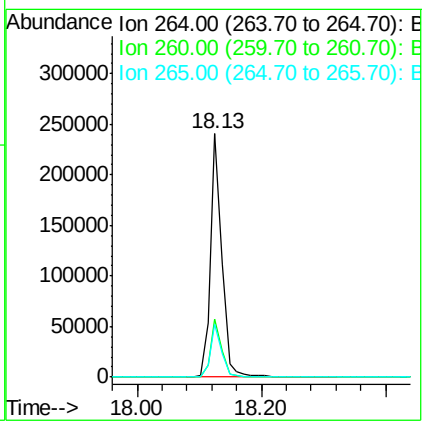


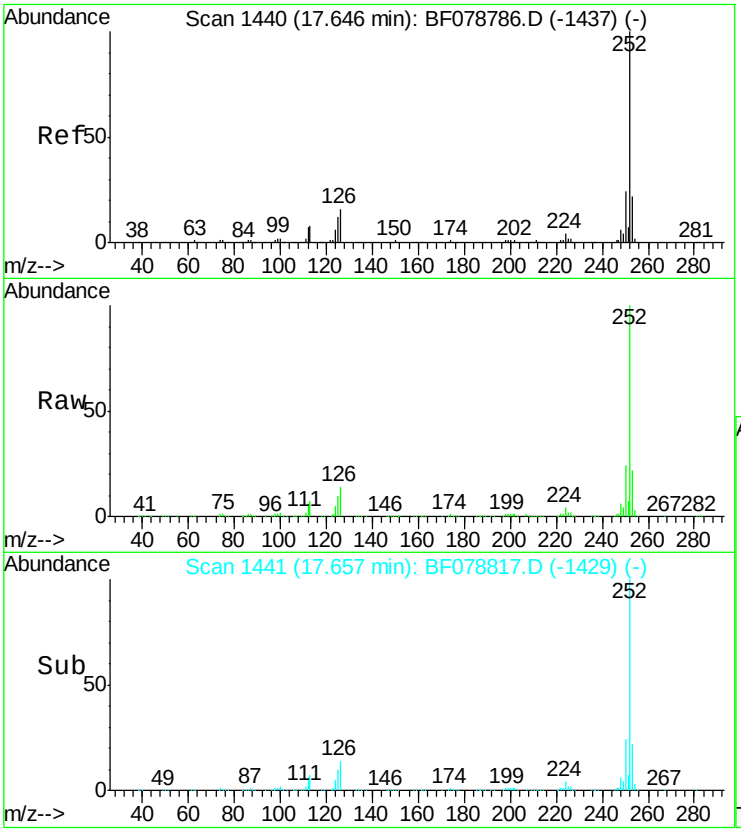




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.13 min Scan# 1482
Delta R.T. 0.05 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:264 Resp: 299704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.4 | 29.2 |
| 265 | 21.8 | 18.3 | 27.5 |



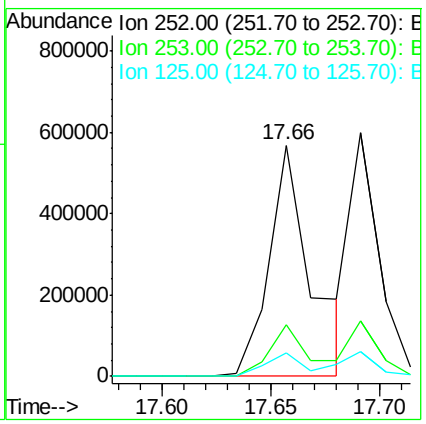


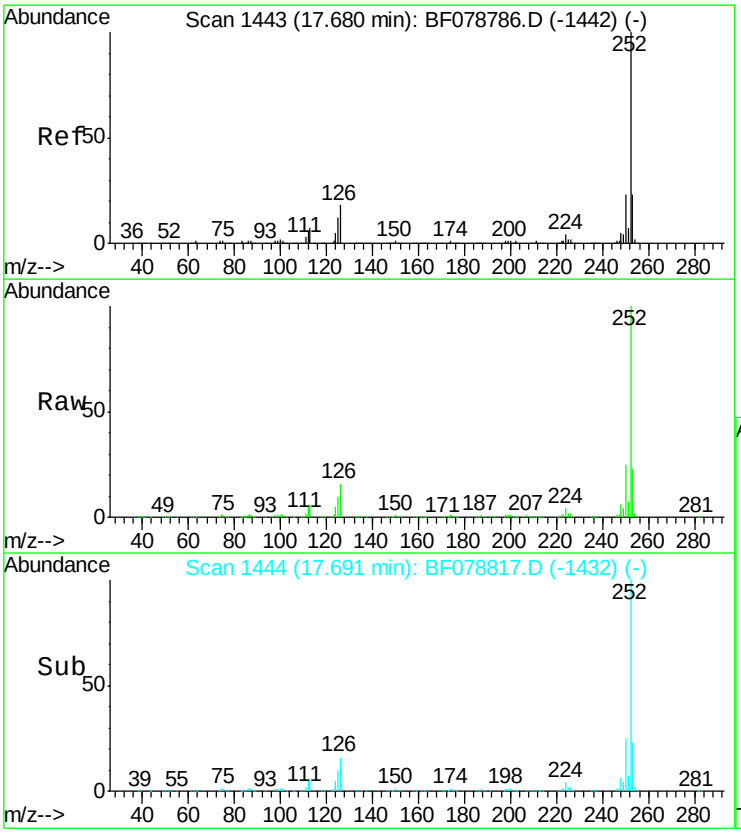

#87
Benzo(b)fluoranthene
Concen: 47.46 ng
RT: 17.66 min Scan# 1441
Delta R.T. 0.03 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:252 Resp: 769964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.7 | 26.5 |
| 125 | 10.2 | 9.5 | 14.3 |

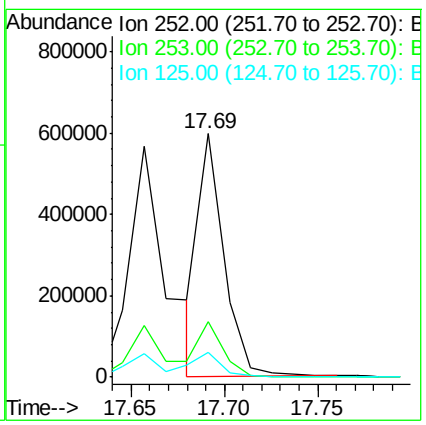


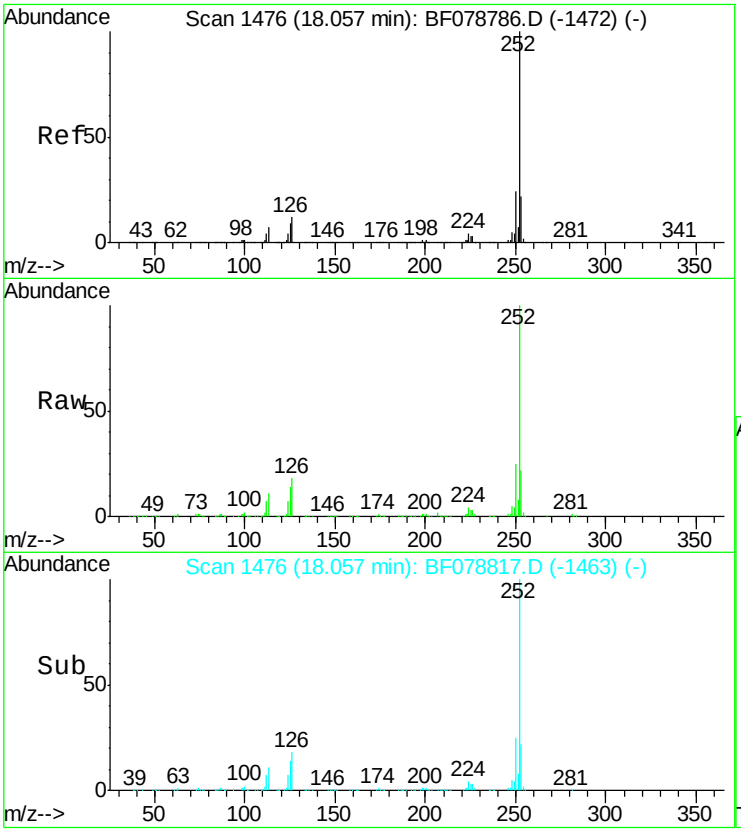




#88
Benzo(k)fluoranthene
Concen: 35.60 ng
RT: 17.69 min Scan# 1444
Delta R.T. 0.03 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:252 Resp: 559688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.1 | 27.1 |
| 125 | 10.0 | 10.0 | 15.0 |



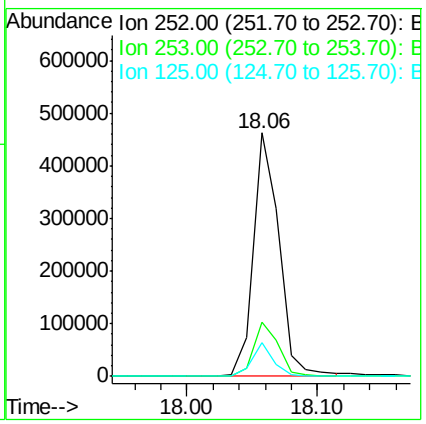


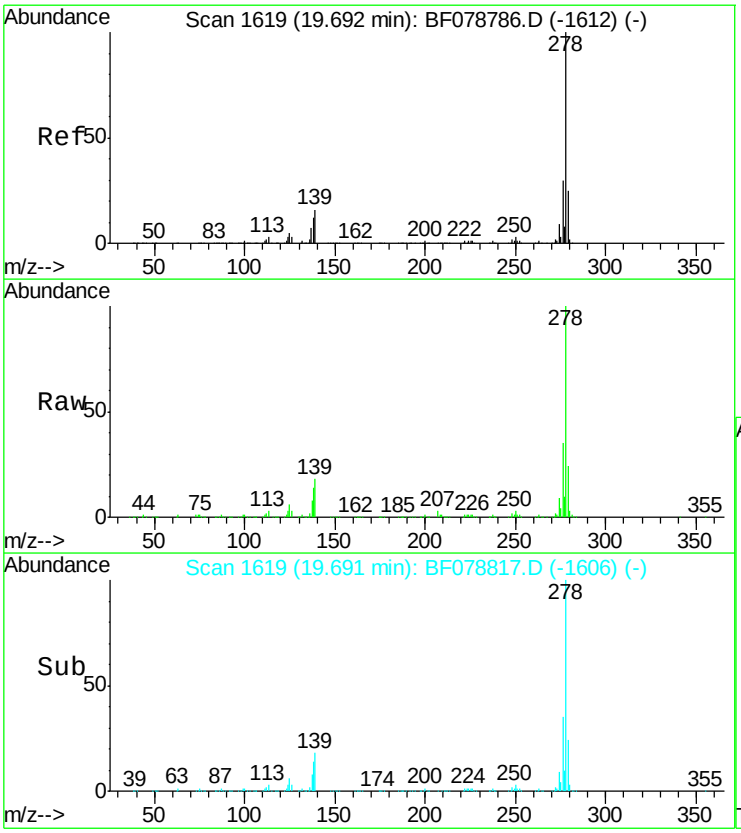

#89
Benzo(a)pyrene
Concen: 43.41 ng
RT: 18.06 min Scan# 1476
Delta R.T. 0.05 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:252 Resp: 630099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.3 | 25.9 |
| 125 | 13.8 | 7.0 | 10.6# |

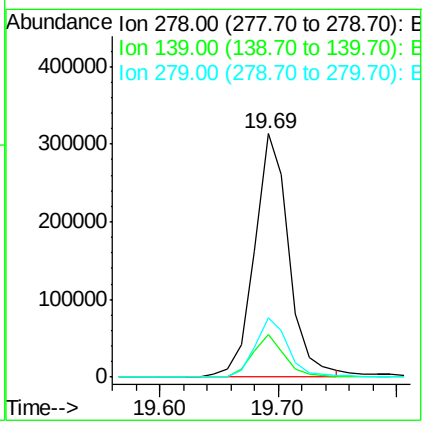


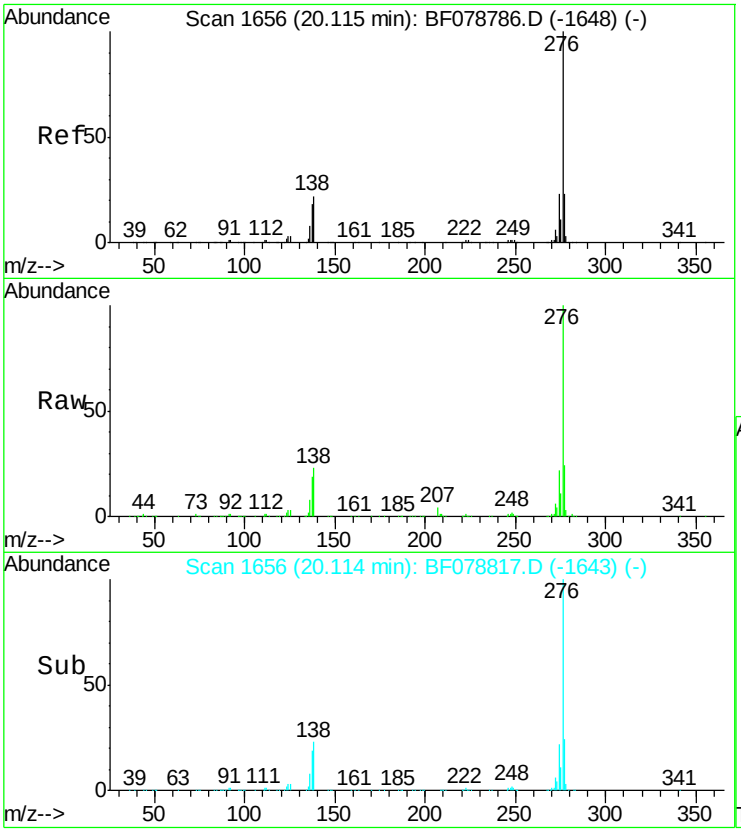




#90
Dibenzo(a,h)anthracene
Concen: 42.04 ng
RT: 19.69 min Scan# 1619
Delta R.T. 0.05 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

Tgt Ion:278 Resp: 632070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.7 | 12.8 | 19.2 |
| 279 | 24.3 | 19.6 | 29.4 |






#91
Benzo(g,h,i)perylene
Concen: 42.68 ng
RT: 20.11 min Scan# 1656
Delta R.T. 0.05 min
Lab File: BF078817.D
Acq: 29 Apr 2015 17:03

**Instrument :**
BNA_F
**ClientSampleId :**
PB83015BS

Tgt Ion:276 Resp: 644033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.0 | 18.6 | 28.0 |
| 138 | 22.6 | 17.4 | 26.0 |