Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083953.D
Acq On : 19 Dec 2015 14:39
Operator : UM/SJ
Sample : PB87185BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB87185BS

Quant Time: Dec 21 00:43:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 57932 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.13 | 136 | 223815 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.89 | 164 | 111649 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.37 | 188 | 206234 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 14.01 | 240 | 169462 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.44 | 264 | 120408 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.47 | 112 | 389813 | 105.30 | ng | | -0.01 |
| 7) Phenol-d6 | 6.50 | 99 | 476706 | 105.21 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.41 | 82 | 305306 | 77.85 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.68 | 330 | 154419 | 125.54 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.21 | 172 | 662882 | 83.07 | ng | | -0.03 |
| 78) Terphenyl-d14 | 12.96 | 244 | 677184 | 94.10 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.52 | 88 | 45141 | 28.11 | ng | | 97 |
| 3) Pyridine | 3.24 | 79 | 135162 | 34.04 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.20 | 42 | 58613 | 38.70 | ng | | 99 |
| 6) Aniline | 6.51 | 93 | 125759 | 21.55 | ng | # | 19 |
| 8) 2-Chlorophenol | 6.64 | 128 | 161733 | 36.71 | ng | | 94 |
| 9) Benzaldehyde | 6.40 | 77 | 47009 | 17.22 | ng | | 96 |
| 10) Phenol | 6.51 | 94 | 167579 | 33.15 | ng | | 80 |
| 11) bis(2-Chloroethyl)ether | 6.59 | 93 | 145965 | 38.00 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.80 | 146 | 167382 | 35.33 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.86 | 146 | 172646 | 35.69 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.02 | 146 | 170018 | 43.50 | ng | | 96 |
| 15) Benzyl Alcohol | 7.00 | 79 | 143937 | 41.98 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 143204 | 36.16 | ng | | 72 |
| 17) 2-Methylphenol | 7.12 | 107 | 129573 | 37.49 | ng | | 93 |
| 18) Hexachloroethane | 7.37 | 117 | 64853 | 36.54 | ng | # | 88 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 101042 | 38.25 | ng | # | 86 |
| 20) 3+4-Methylphenols | 7.28 | 107 | 170672 | 42.03 | ng | # | 49 |
| 22) Acetophenone | 7.26 | 105 | 223479 | 41.47 | ng | # | 95 |
| 24) Nitrobenzene | 7.44 | 77 | 170965 | 42.16 | ng | | 95 |
| 25) Isophorone | 7.68 | 82 | 291555 | 39.51 | ng | | 98 |
| 26) 2-Nitrophenol | 7.76 | 139 | 89956 | 42.85 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.80 | 122 | 160998 | 44.52 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93 | 168553 | 38.62 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.00 | 162 | 132710 | 40.45 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.08 | 180 | 135782 | 38.54 | ng | | 97 |
| 31) Naphthalene | 8.16 | 128 | 464996 | 41.05 | ng | | 100 |
| 32) Benzoic acid | 7.93 | 122 | 70634 | 51.52 | ng | | 98 |
| 33) 4-Chloroaniline | 8.20 | 127 | 81954 | 16.13 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.28 | 225 | 84353 | 38.34 | ng | | 99 |
| 35) Caprolactam | 8.58 | 113 | 31080 | 28.67 | ng | | 88 |
| 36) 4-Chloro-3-methylphenol | 8.70 | 107 | 169116 | 45.70 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.85 | 142 | 334780 | 43.04 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 129737 | 36.85 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.00 | 237 | 77292 | 67.32 | ng | | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083953.D
Acq On : 19 Dec 2015 14:39
Operator : UM/SJ
Sample : PB87185BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB87185BS

Quant Time: Dec 21 00:43:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.13 | 196 | 87345 | 37.58 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.17 | 196 | 93579 | 40.68 | ng | # | 81 |
| 45) 1,1'-Biphenyl | 9.31 | 154 | 383470 | 40.77 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.33 | 162 | 282666 | 38.27 | ng | | 99 |
| 47) 2-Nitroaniline | 9.44 | 65 | 92323 | 41.81 | ng | # | 65 |
| 48) Acenaphthylene | 9.76 | 152 | 507312 | 38.98 | ng | | 99 |
| 49) Dimethylphthalate | 9.62 | 163 | 393661 | 42.02 | ng | # | 91 |
| 50) 2,6-Dinitrotoluene | 9.68 | 165 | 83412 | 40.82 | ng | # | 78 |
| 51) Acenaphthene | 9.93 | 154 | 335121 | 41.87 | ng | | 100 |
| 52) 3-Nitroaniline | 9.85 | 138 | 48579 | 22.55 | ng | # | 69 |
| 53) 2,4-Dinitrophenol | 9.96 | 184 | 58791 | 80.11 | ng | # | 85 |
| 54) Dibenzofuran | 10.10 | 168 | 450751 | 43.37 | ng | | 99 |
| 55) 4-Nitrophenol | 10.02 | 139 | 99314 | 73.85 | ng | # | 77 |
| 56) 2,4-Dinitrotoluene | 10.09 | 165 | 111245 | 42.47 | ng | # | 77 |
| 57) Fluorene | 10.44 | 166 | 343064 | 43.28 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.21 | 232 | 73668 | 43.29 | ng | | 96 |
| 59) Diethylphthalate | 10.32 | 149 | 397626 | 41.05 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204 | 160964 | 40.41 | ng | | 96 |
| 61) 4-Nitroaniline | 10.46 | 138 | 79101 | 35.49 | ng | | 85 |
| 62) Azobenzene | 10.59 | 77 | 361473 | 44.52 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198 | 48393 | 38.99 | ng | # | 60 |
| 65) n-Nitrosodiphenylamine | 10.54 | 169 | 288909 | 38.50 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.92 | 248 | 94522 | 37.49 | ng | | 97 |
| 67) Hexachlorobenzene | 10.99 | 284 | 109881 | 41.39 | ng | | 95 |
| 68) Atrazine | 11.08 | 200 | 99037 | 41.66 | ng | | 92 |
| 69) Pentachlorophenol | 11.18 | 266 | 92461 | 81.95 | ng | | 97 |
| 70) Phenanthrene | 11.40 | 178 | 505910 | 40.60 | ng | | 100 |
| 71) Anthracene | 11.45 | 178 | 471016 | 39.11 | ng | | 100 |
| 72) Carbazole | 11.61 | 167 | 473055 | 39.75 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.94 | 149 | 620707 | 44.39 | ng | | 100 |
| 74) Fluoranthene | 12.58 | 202 | 471219 | 37.90 | ng | | 99 |
| 76) Benzidine | 12.69 | 184 | 147742 | 21.77 | ng | | 99 |
| 77) Pyrene | 12.81 | 202 | 480510 | 44.55 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.43 | 149 | 248876 | 44.12 | ng | | 97 |
| 80) Benzo(a)anthracene | 14.00 | 228 | 405528 | 38.92 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.95 | 252 | 88217 | 22.65 | ng | # | 96 |
| 82) Chrysene | 14.03 | 228 | 351509 | 34.92 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.99 | 149 | 337660 | 44.83 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.59 | 149 | 564482 | 47.89 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.85 | 276 | 325222 | 43.21 | ng | | 100 |
| 87) Benzo(b)fluoranthene | 15.06 | 252 | 676812 | 77.10 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 15.06 | 252 | 676812 | 93.46 | ng | # | 95 |
| 89) Benzo(a)pyrene | 15.38 | 252 | 306880 | 42.33 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 16.87 | 278 | 273814 | 48.55 | ng | # | 95 |
| 91) Benzo(g,h,i)perylene | 17.28 | 276 | 271873 | 49.19 | ng | | 99 |

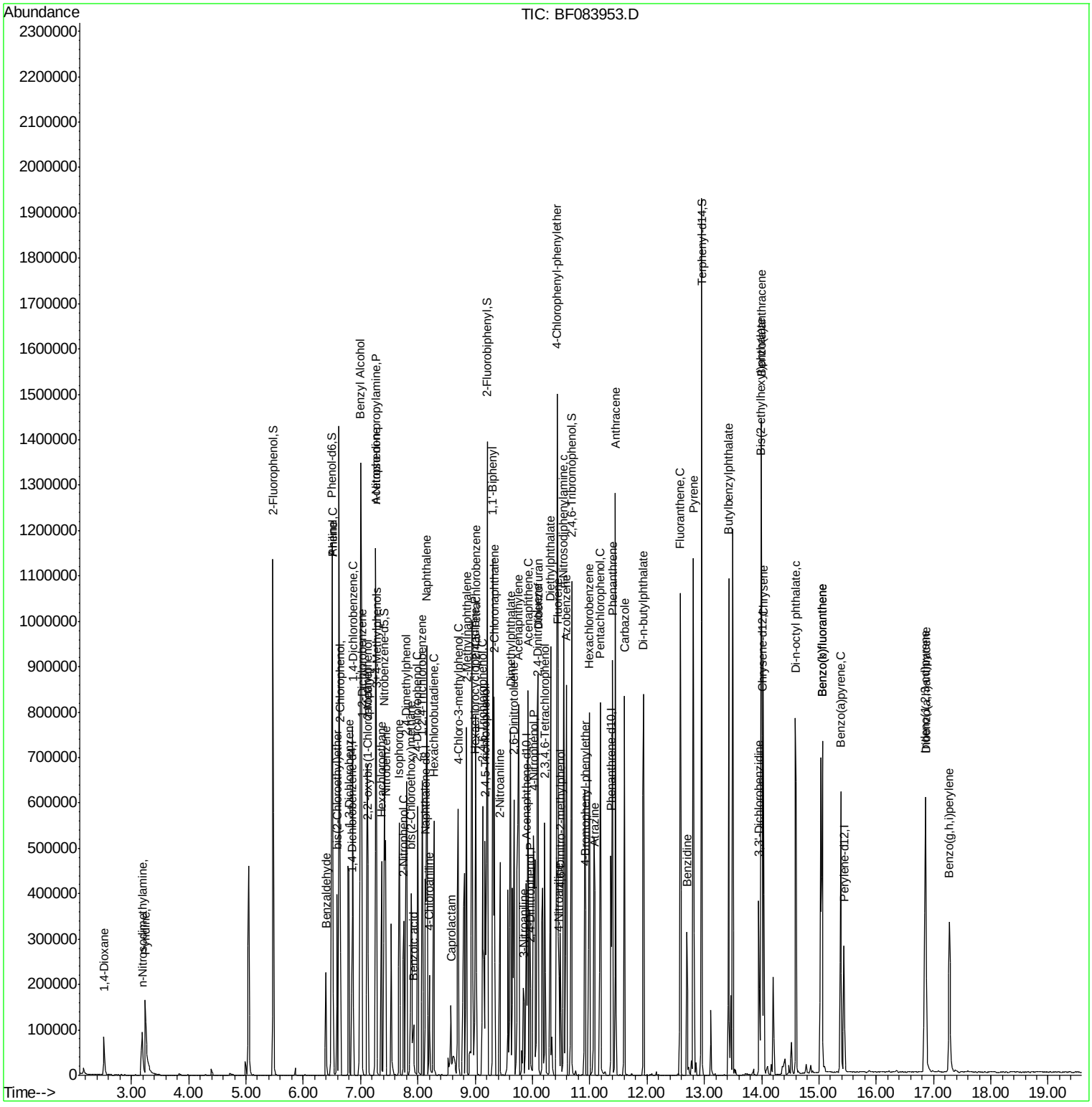
(#) = qualifier out of range (m) = manual integration (+) = signals summed

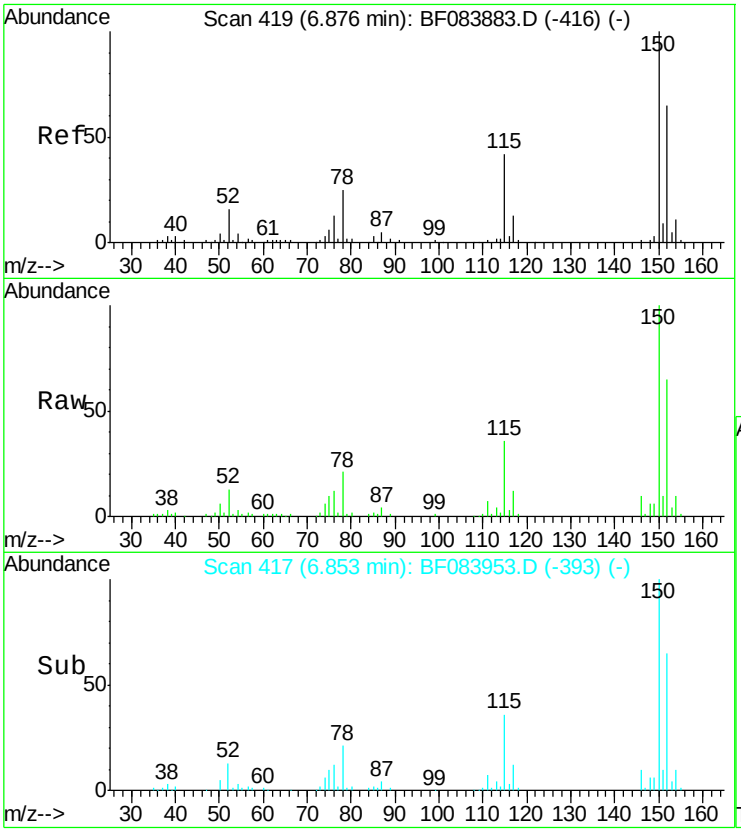
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083953.D
Acq On : 19 Dec 2015 14:39
Operator : UM/SJ
Sample : PB87185BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Quant Time: Dec 21 00:43:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



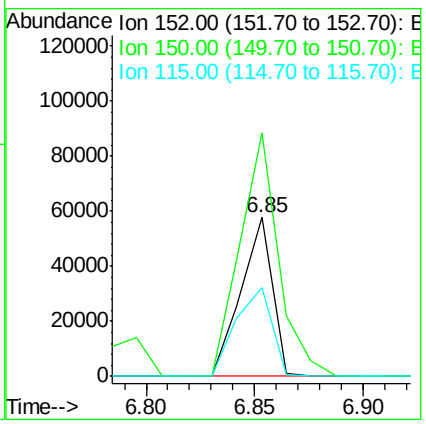


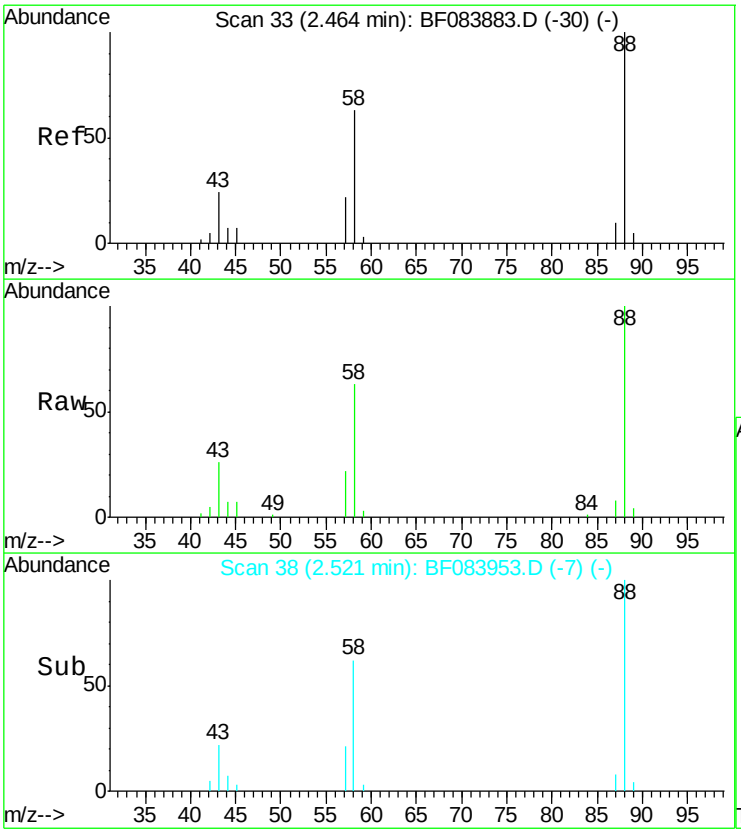

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:152 Resp: 57932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.1 | 123.0 | 184.4 |
| 115 | 55.4 | 51.4 | 77.2 |

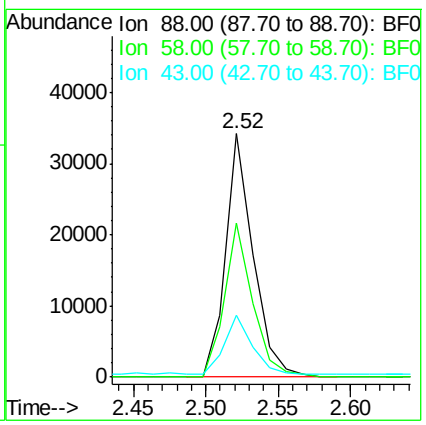


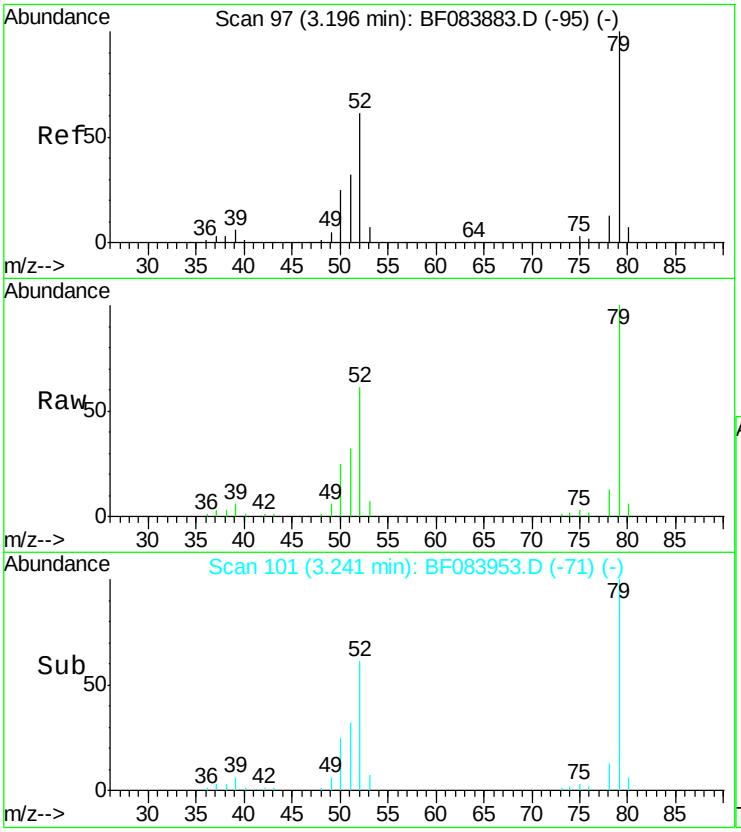




#2
1,4-Dioxane
Concen: 28.11 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 88 Resp: 45141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 64.7 | 51.2 | 76.8 |
| 43 | 27.9 | 19.5 | 29.3 |



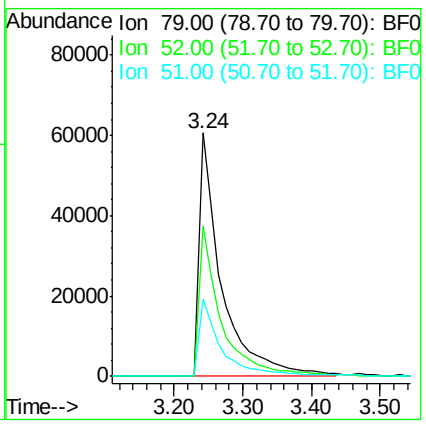


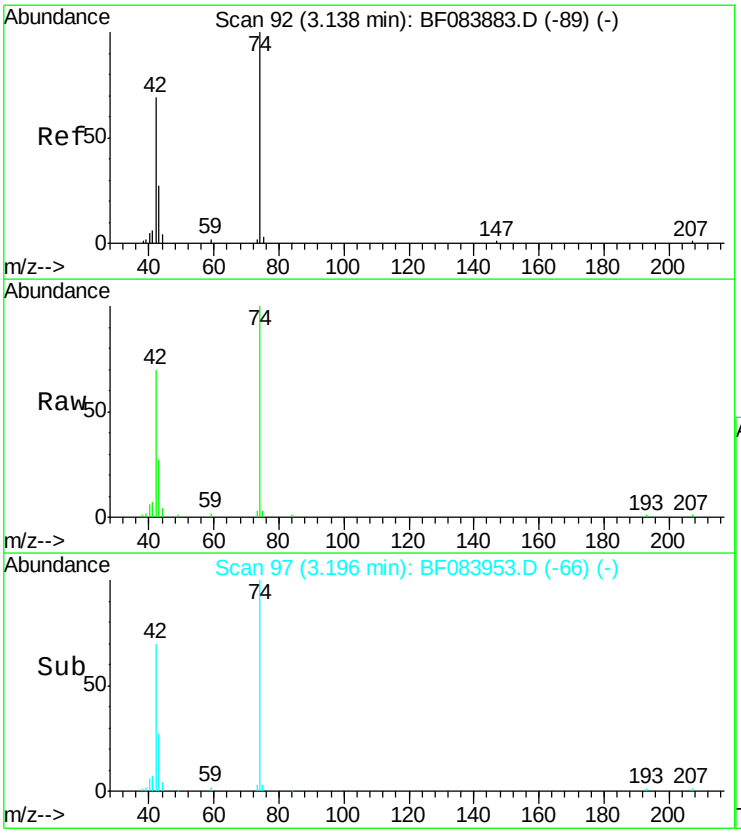

#3
Pyridine
Concen: 34.04 ng
RT: 3.24 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion: 79 Resp: 135162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 61.4 | 49.0 | 73.4 |
| 51 | 32.0 | 25.2 | 37.8 |

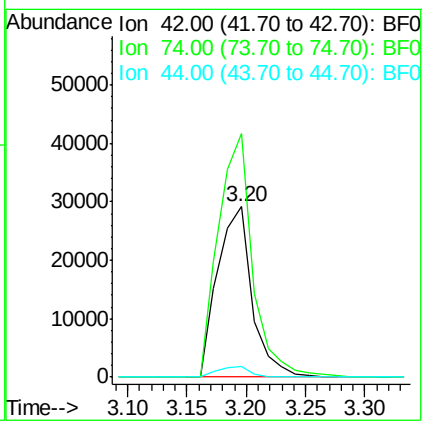


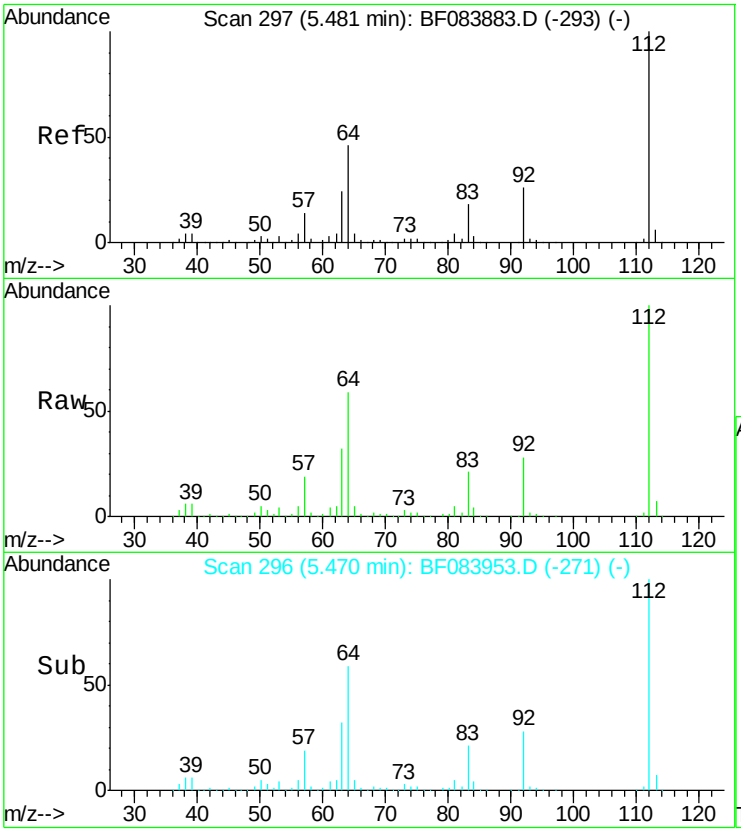




#4
n-Nitrosodimethylamine
Concen: 38.70 ng
RT: 3.20 min Scan# 97
Delta R.T. 0.06 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 42 Resp: 58613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 142.8 | 115.7 | 173.5 |
| 44 | 5.9 | 5.1 | 7.7 |



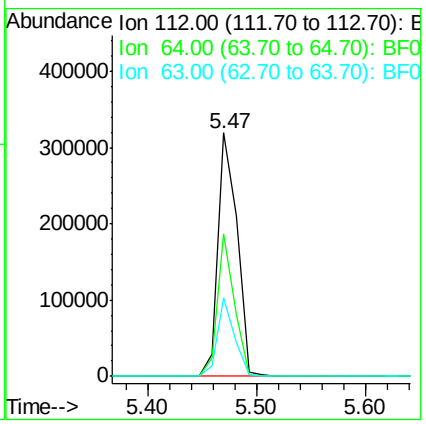


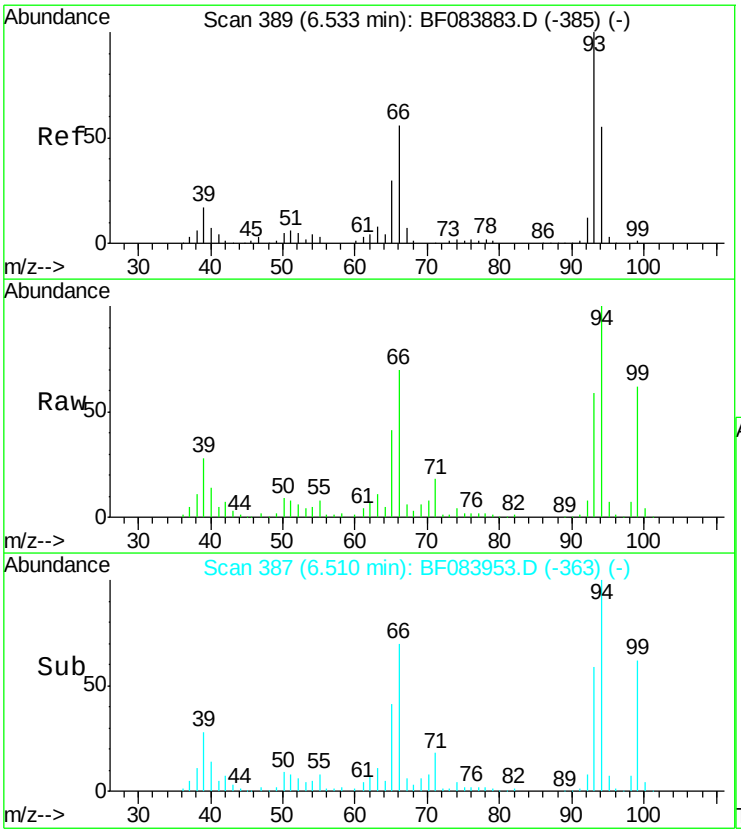

#5
2-Fluorophenol
Concen: 105.30 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:112 Resp: 389813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.5 | 36.6 | 55.0# |
| 63 | 32.3 | 19.4 | 29.0# |

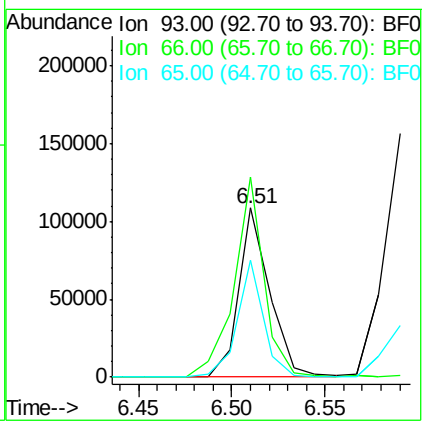


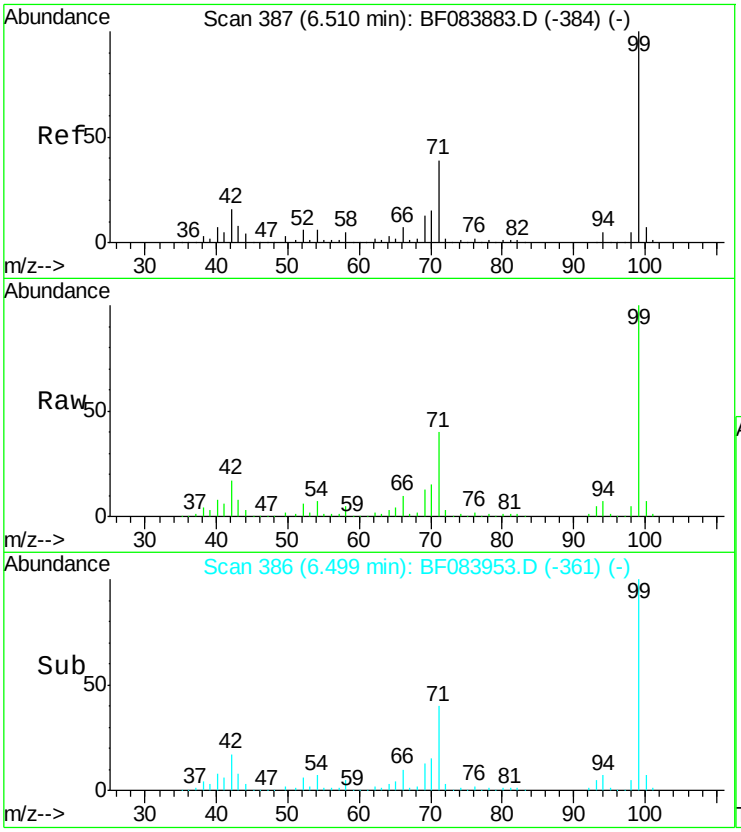




#6
Aniline
Concen: 21.55 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 93 Resp: 125759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 118.2 | 44.9 | 67.3# |
| 65 | 69.1 | 23.7 | 35.5# |



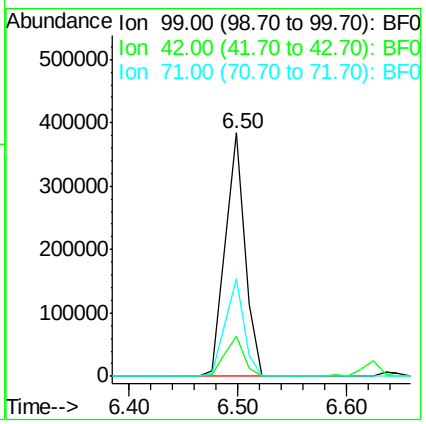


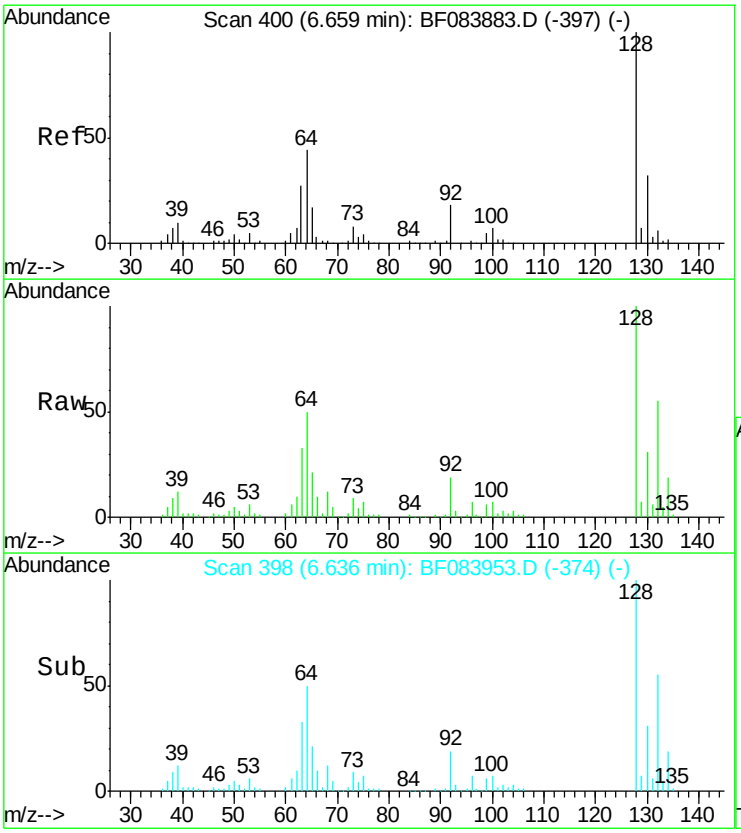

#7
Phenol-d6
Concen: 105.21 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion: 99 Resp: 476706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.7 | 12.8 | 19.2 |
| 71 | 40.0 | 30.9 | 46.3 |

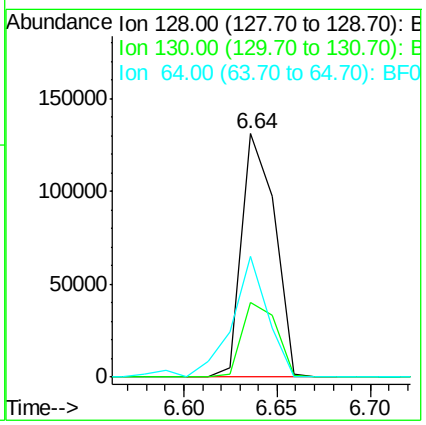


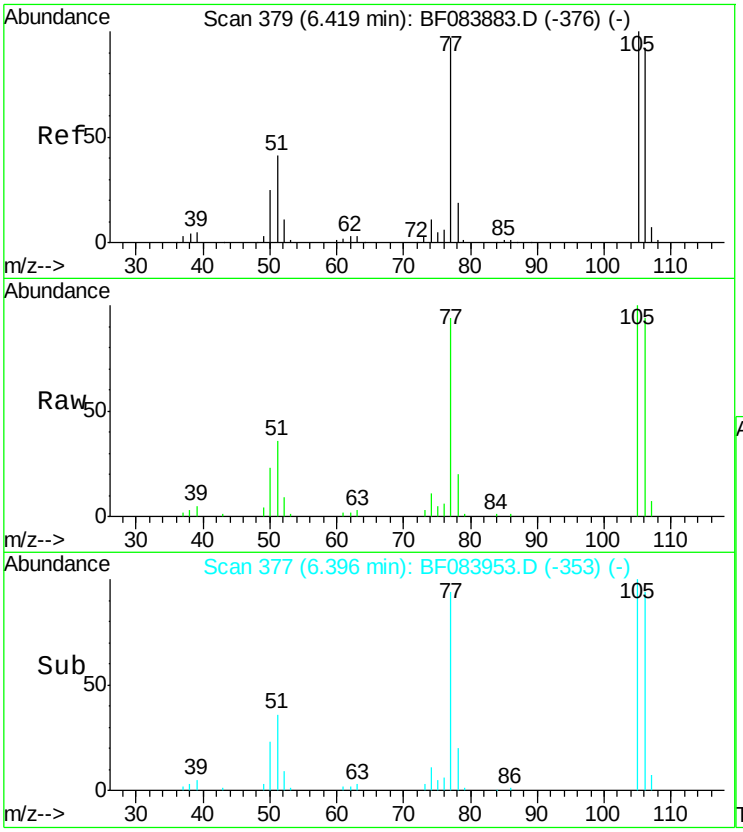




#8
2-Chlorophenol
Concen: 36.71 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:128 Resp: 161733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.7 | 11.6 | 51.6 |
| 64 | 49.5 | 23.8 | 63.8 |



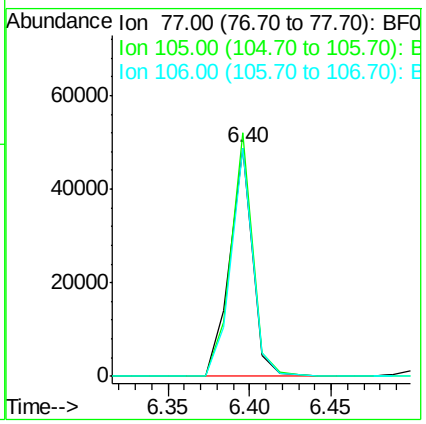


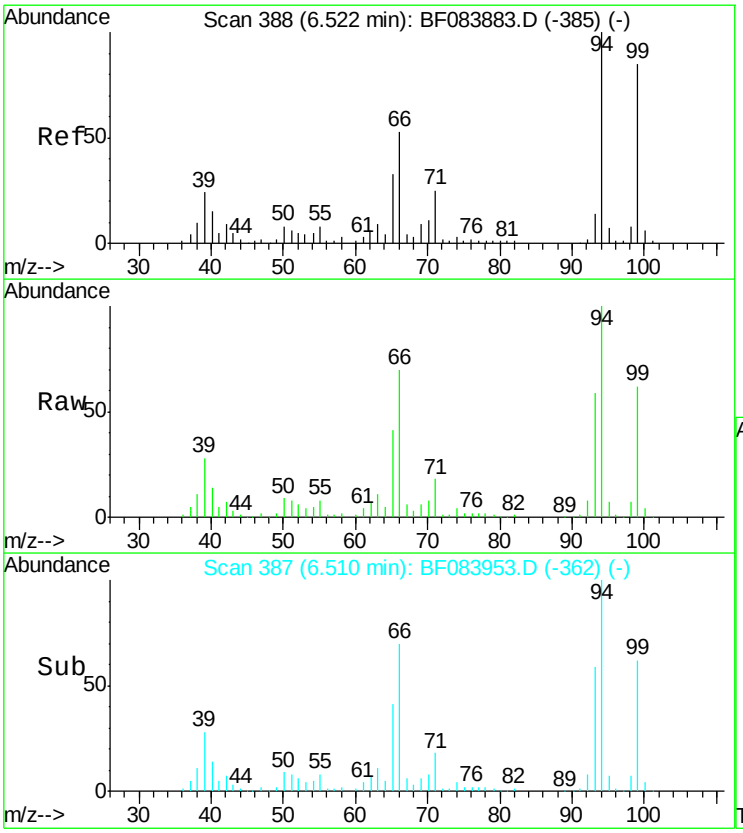

#9
Benzaldehyde
Concen: 17.22 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion: 77 Resp: 47009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.5 | 83.0 | 123.0 |
| 106 | 100.0 | 74.6 | 114.6 |

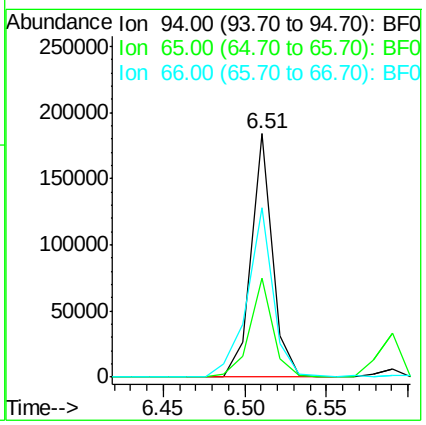


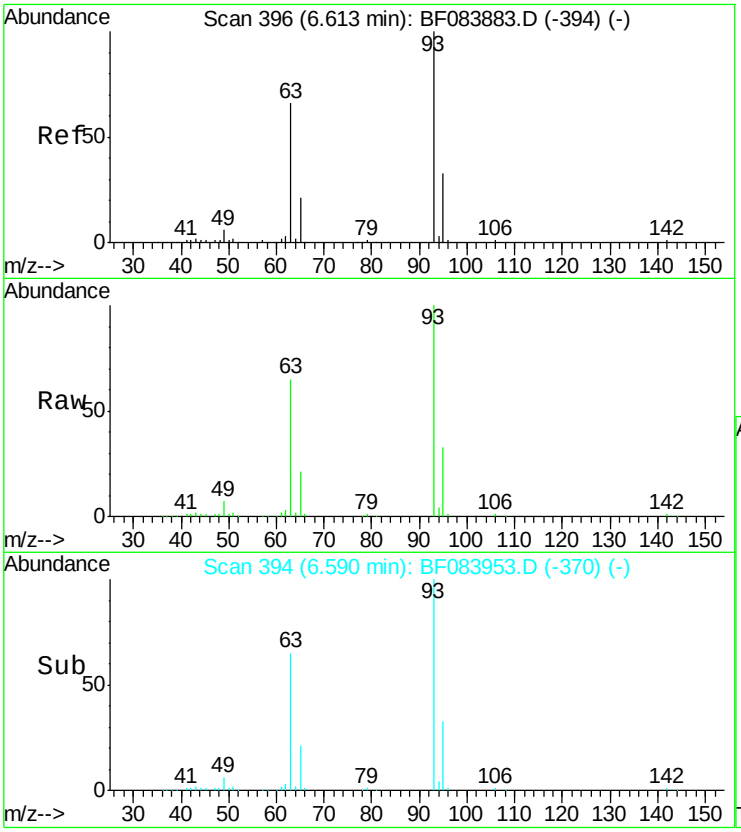




#10
Phenol
Concen: 33.15 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 94 Resp: 167579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 40.7 | 12.9 | 52.9 |
| 66 | 69.6 | 32.7 | 72.7 |



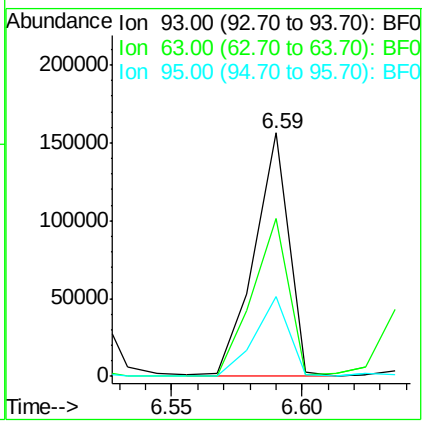


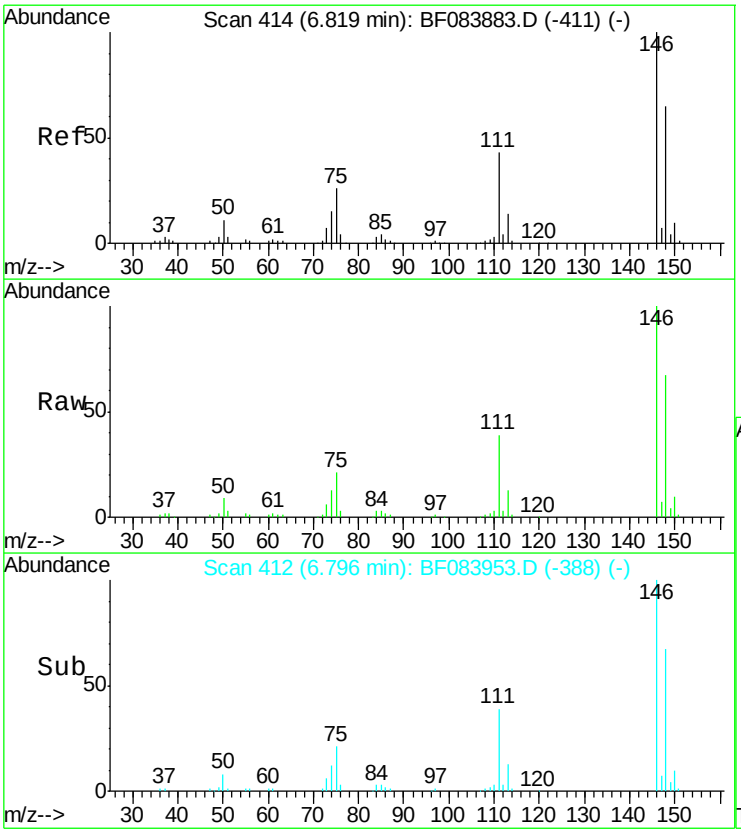

#11
bis(2-Chloroethyl)ether
Concen: 38.00 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion: 93 Resp: 145965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 64.8 | 45.9 | 85.9 |
| 95 | 32.9 | 12.3 | 52.3 |

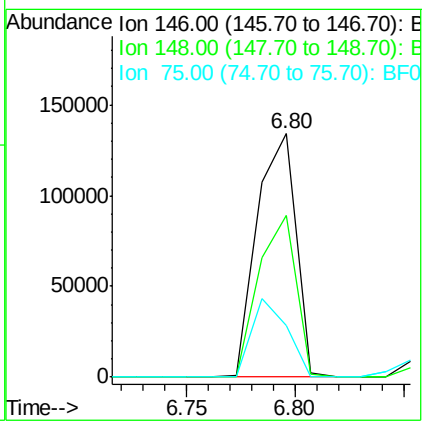


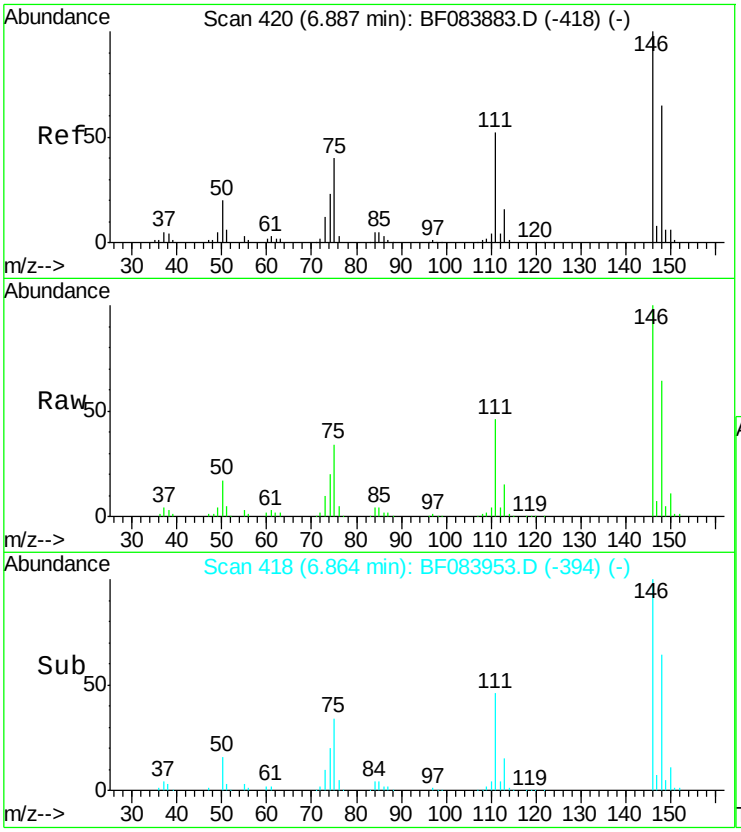




#12
1,3-Dichlorobenzene
Concen: 35.33 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:146 Resp: 167382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.6 | 51.9 | 77.9 |
| 75 | 21.2 | 20.5 | 30.7 |



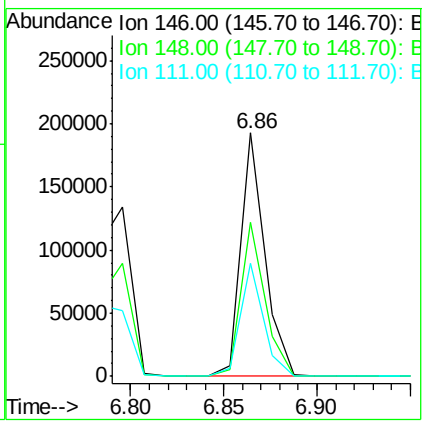


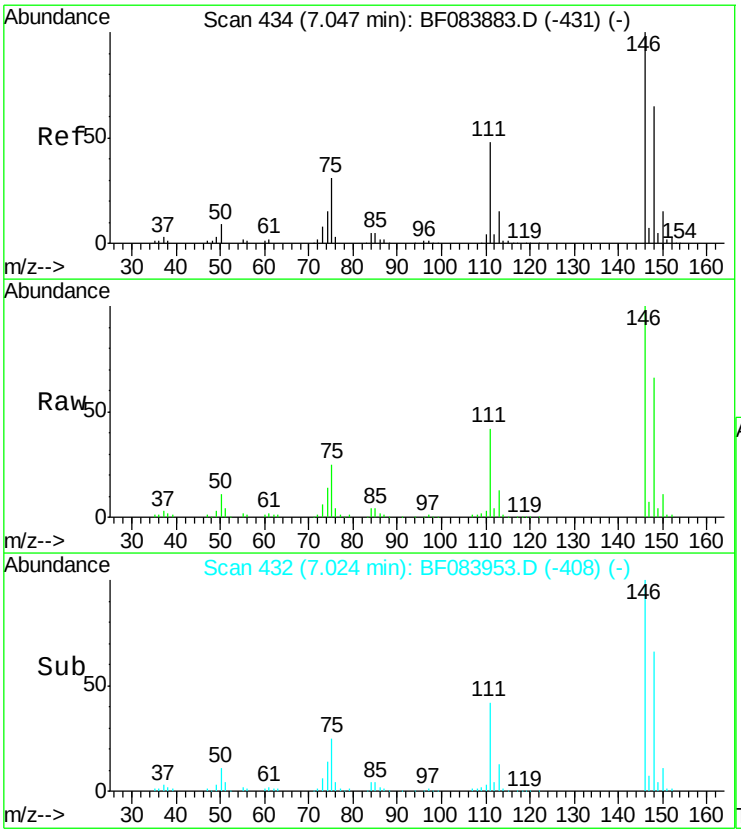

#13
1,4-Dichlorobenzene
Concen: 35.69 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:146 Resp: 172646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 51.9 | 77.9 |
| 111 | 46.5 | 41.6 | 62.4 |

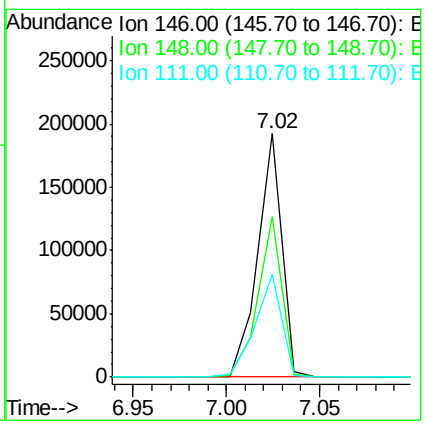


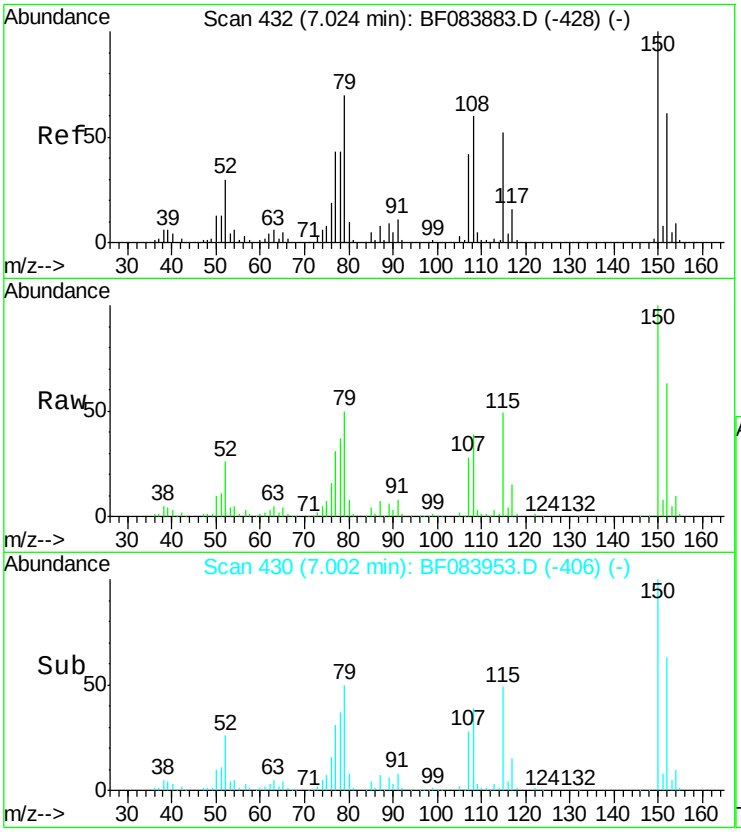




#14
1,2-Dichlorobenzene
Concen: 43.50 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:146 Resp: 170018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.7 | 51.6 | 77.4 |
| 111 | 42.1 | 38.0 | 57.0 |



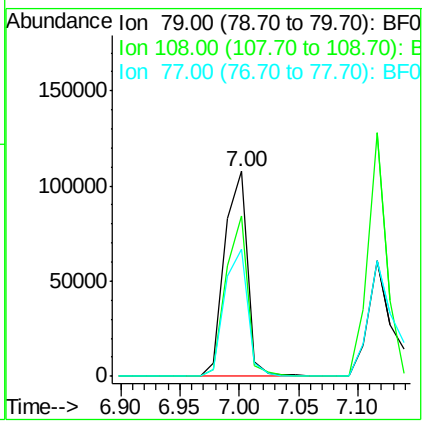


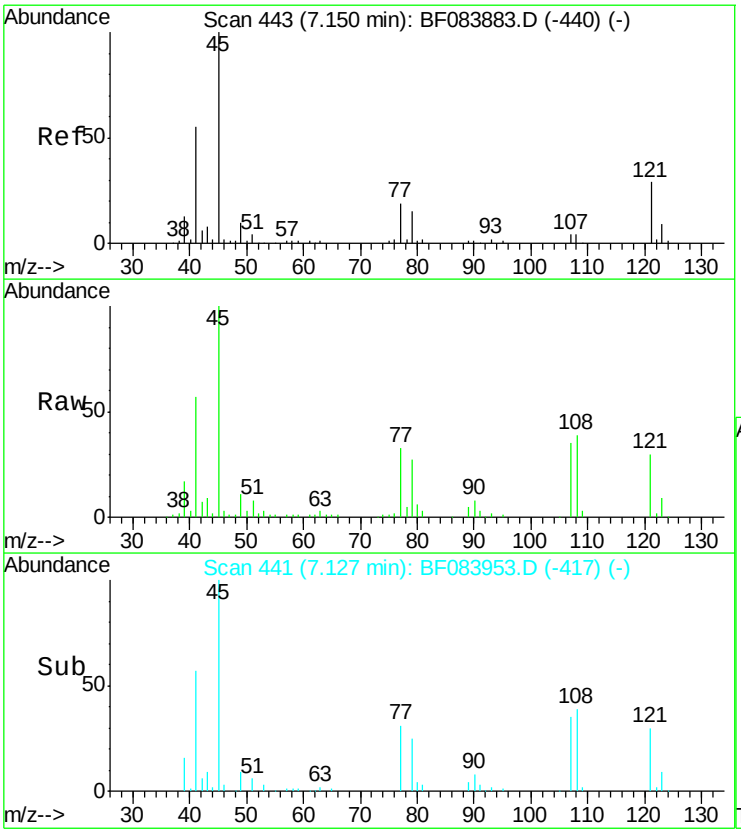

#15
Benzyl Alcohol
Concen: 41.98 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion: 79 Resp: 143937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.2 | 69.0 | 103.4 |
| 77 | 62.0 | 50.0 | 75.0 |

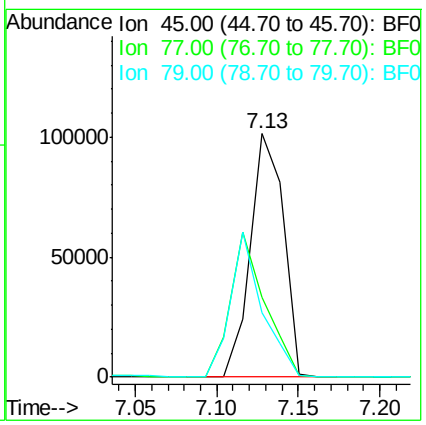


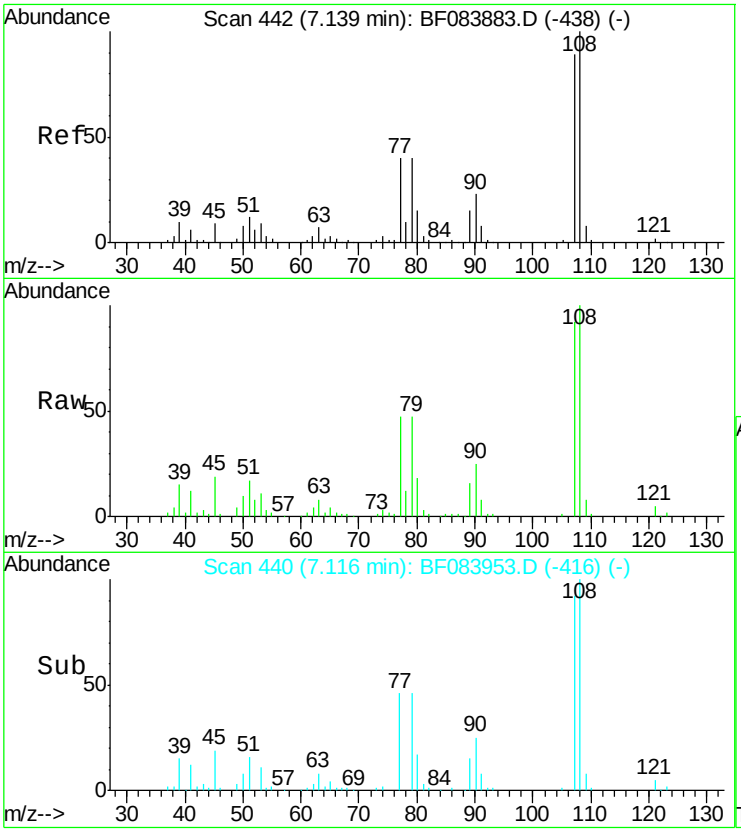




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.16 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 45 Resp: 143204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 32.7 | 0.0 | 39.6 |
| 79 | 26.6 | 0.0 | 35.0 |



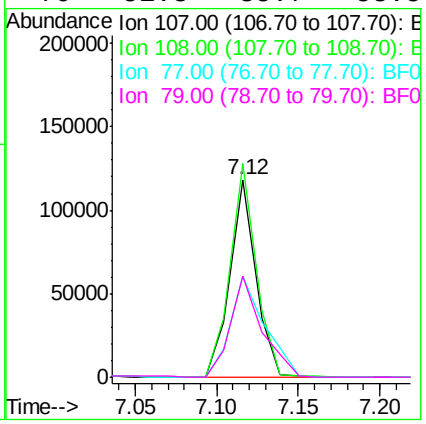


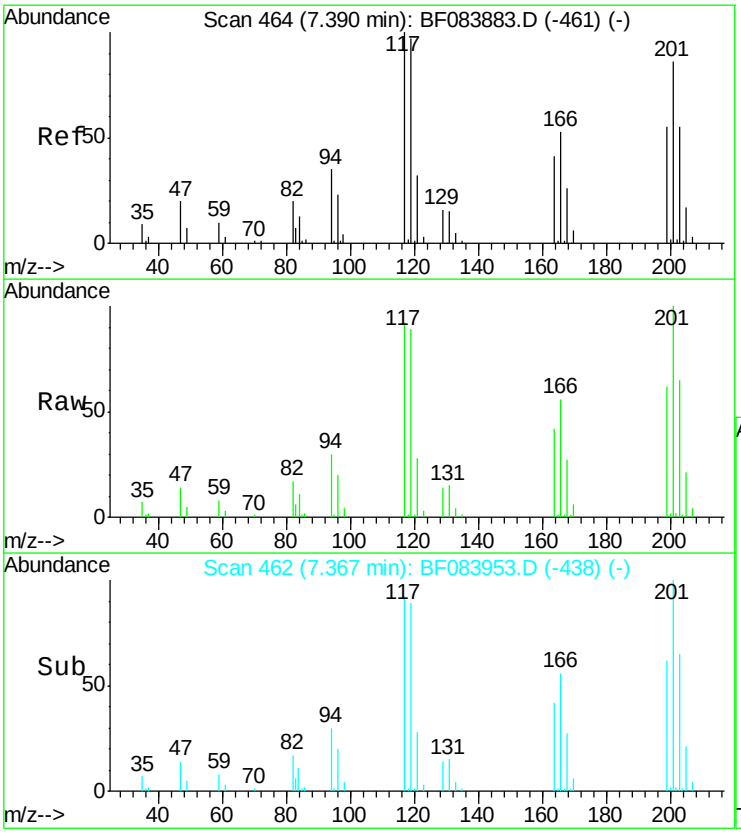

#17
2-Methylphenol
Concen: 37.49 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:107 Resp: 129573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 108.2 | 89.8 | 134.6 |
| 77 | 51.3 | 35.7 | 53.5 |
| 79 | 51.3 | 35.7 | 53.5 |

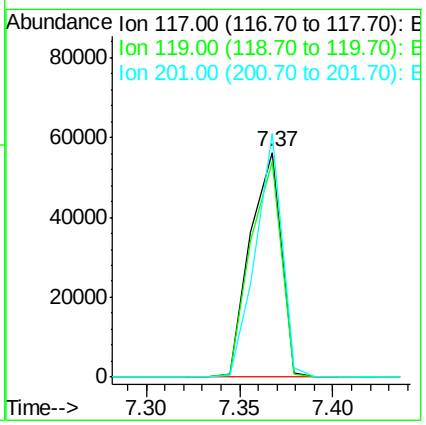


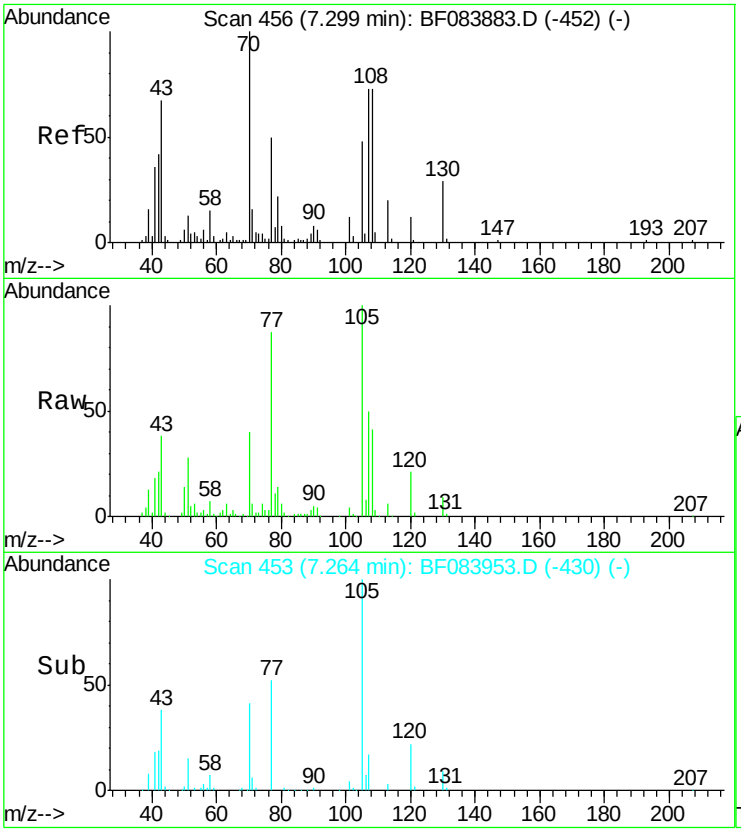




#18
Hexachloroethane
Concen: 36.54 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:117 Resp: 64853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.3 | 77.4 | 116.0 |
| 201 | 108.5 | 68.6 | 103.0# |



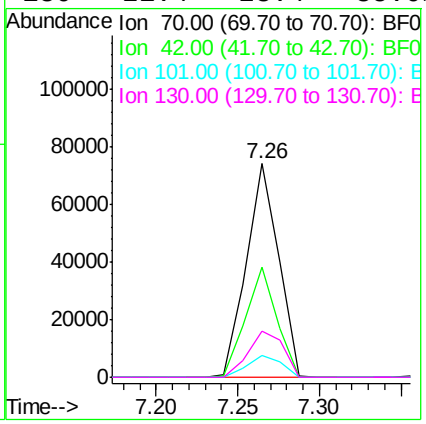


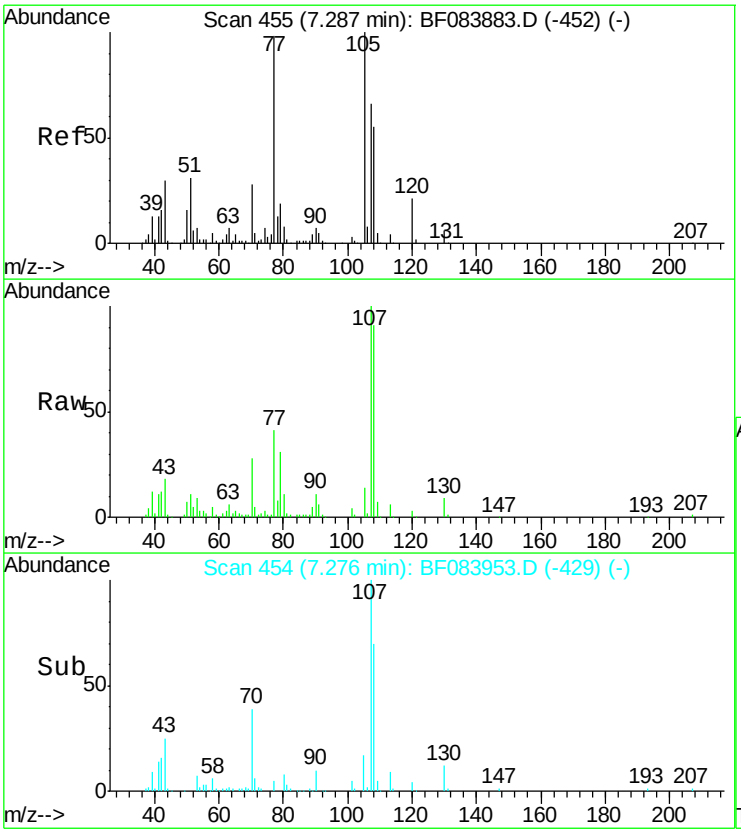

#19
n-Nitroso-di-n-propylamine
Concen: 38.25 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion: 70 Resp: 101042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 51.6 | 33.3 | 49.9# |
| 101 | 10.5 | 9.3 | 13.9 |
| 130 | 21.4 | 23.4 | 35.0# |

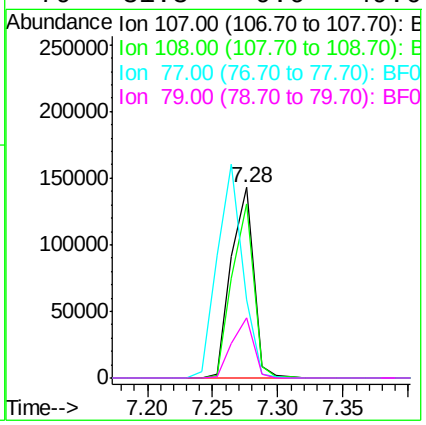


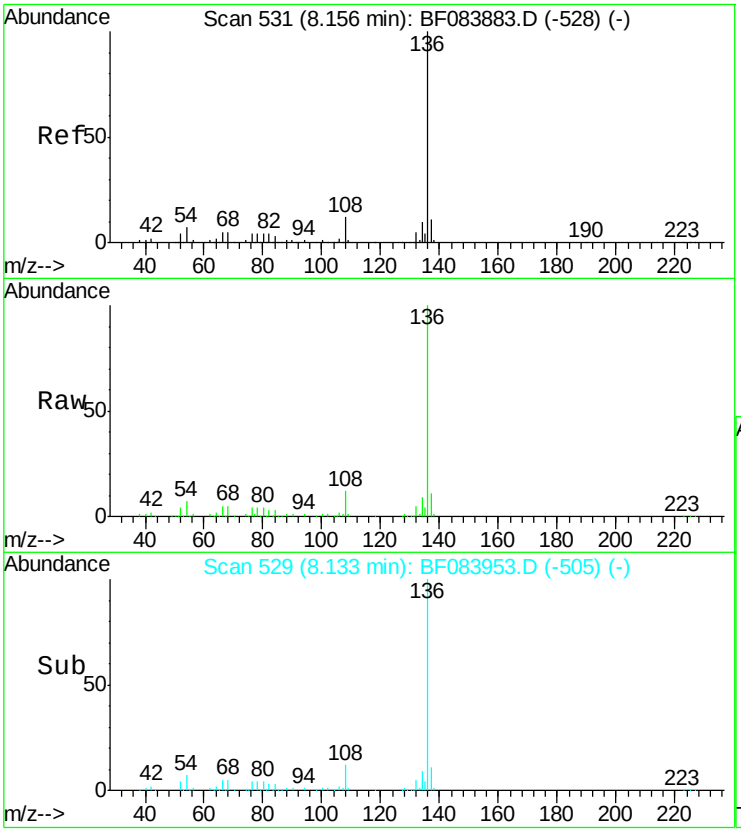




#20
3+4-Methylphenols
Concen: 42.03 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:107 Resp: 170672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.2 | 64.1 | 104.1 |
| 77 | 40.7 | 128.9 | 168.9# |
| 79 | 31.3 | 9.6 | 49.6 |



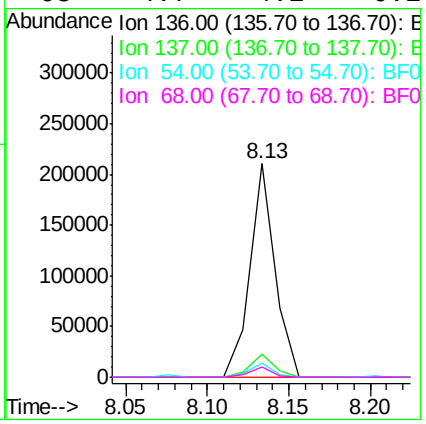


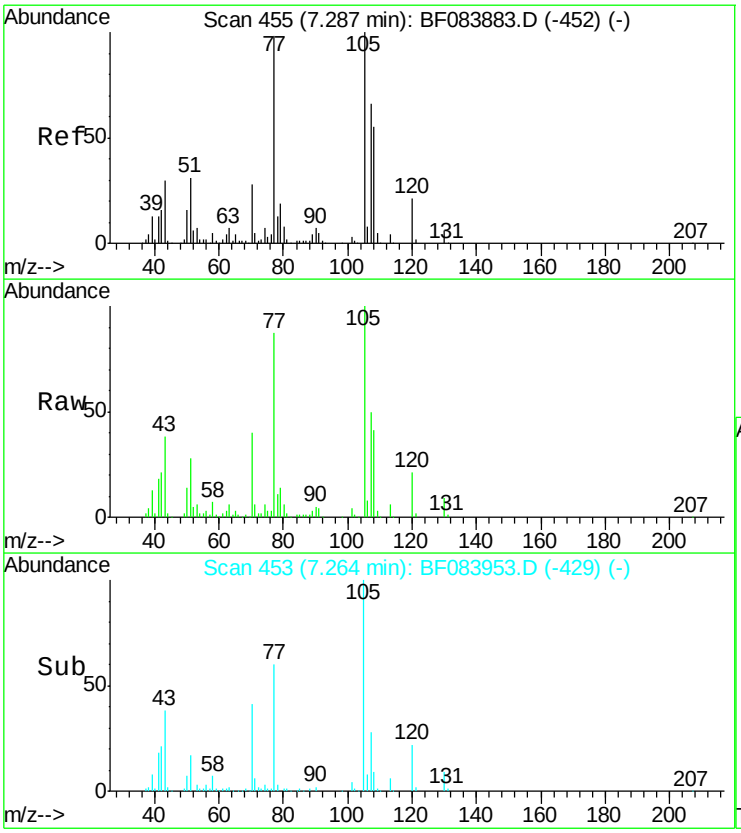

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:136 Resp: 223815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.7 | 13.1 |
| 54 | 6.6 | 5.8 | 8.8 |
| 68 | 4.7 | 4.2 | 6.2 |

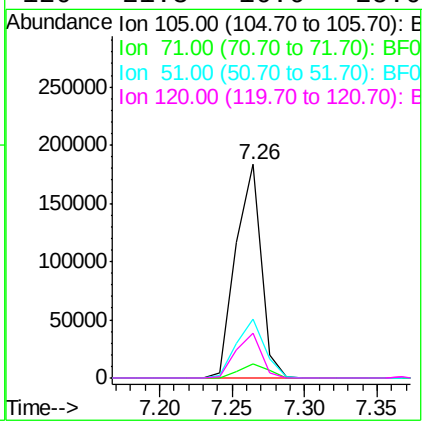


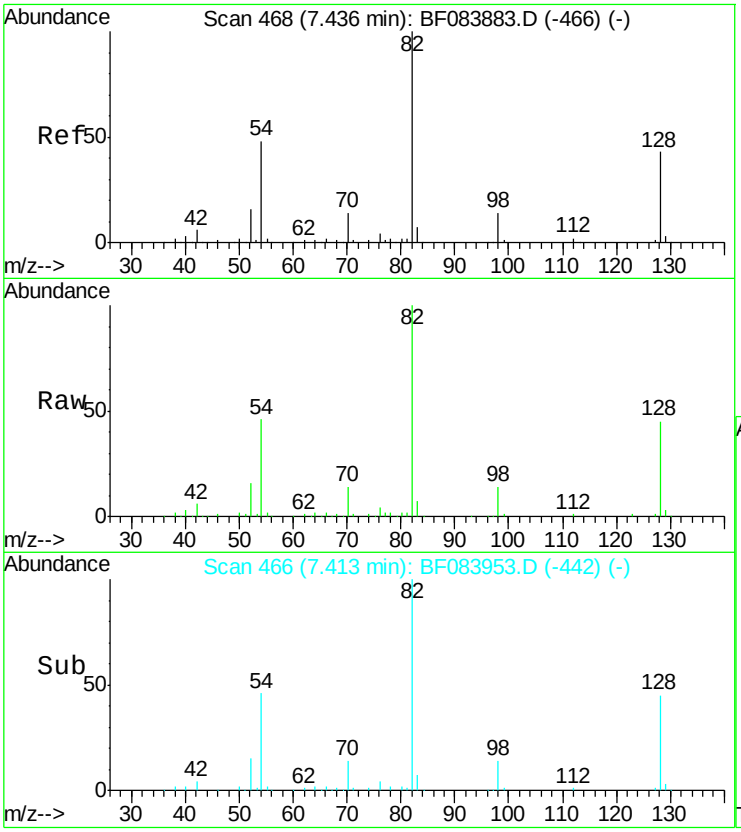




#22
Acetophenone
Concen: 41.47 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:105 Resp: 223479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.4 | 3.7 | 5.5# |
| 51 | 27.6 | 25.1 | 37.7 |
| 120 | 21.3 | 16.6 | 25.0 |



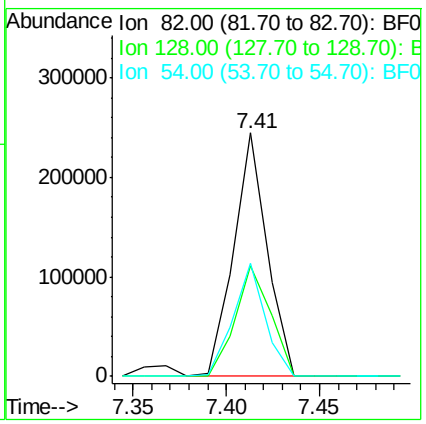


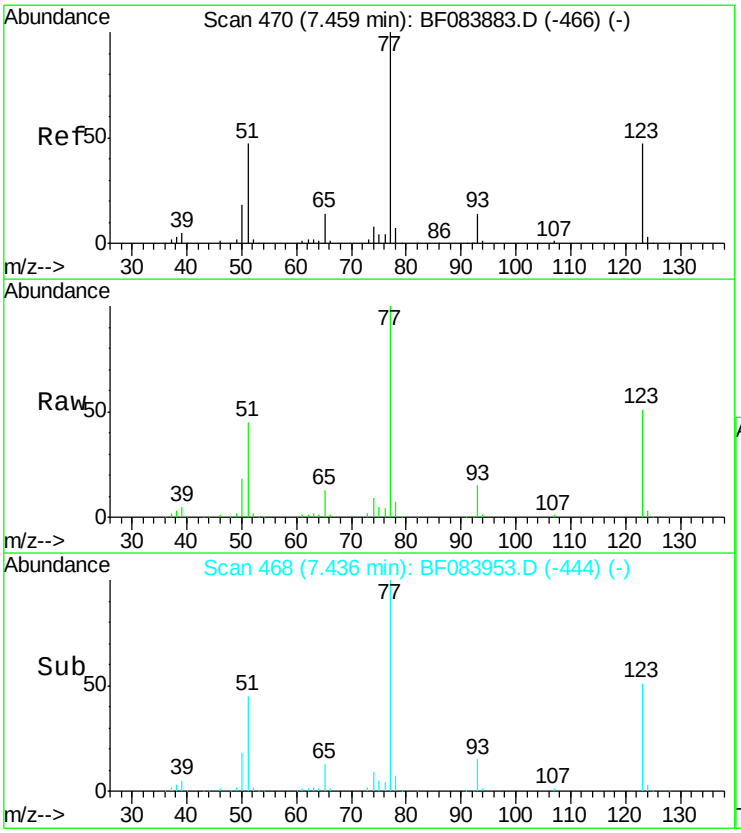

#23
Nitrobenzene-d5
Concen: 77.85 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion: 82 Resp: 305306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.4 | 34.6 | 51.8 |
| 54 | 46.5 | 38.4 | 57.6 |

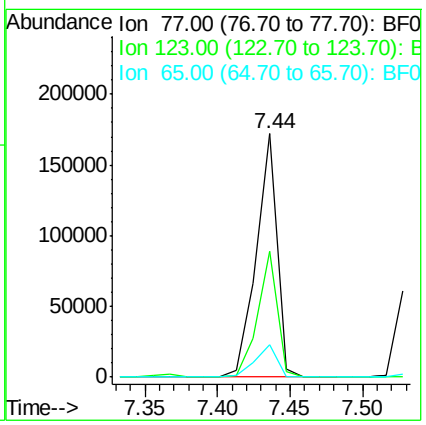


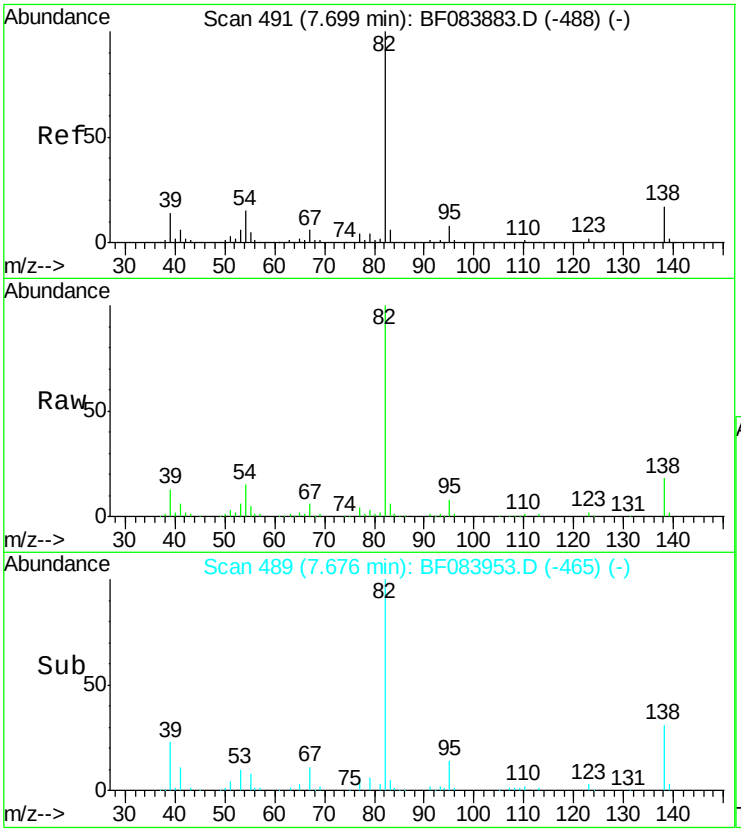




#24
Nitrobenzene
Concen: 42.16 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 77 Resp: 170965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 51.5 | 37.4 | 56.2 |
| 65 | 13.5 | 10.9 | 16.3 |



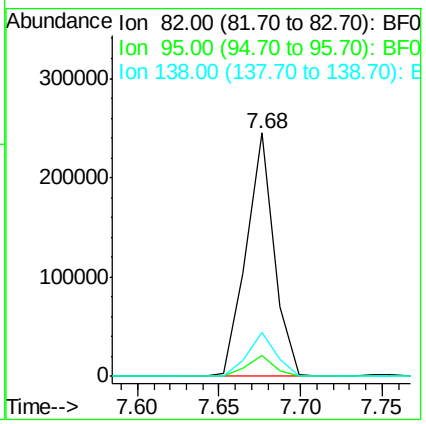


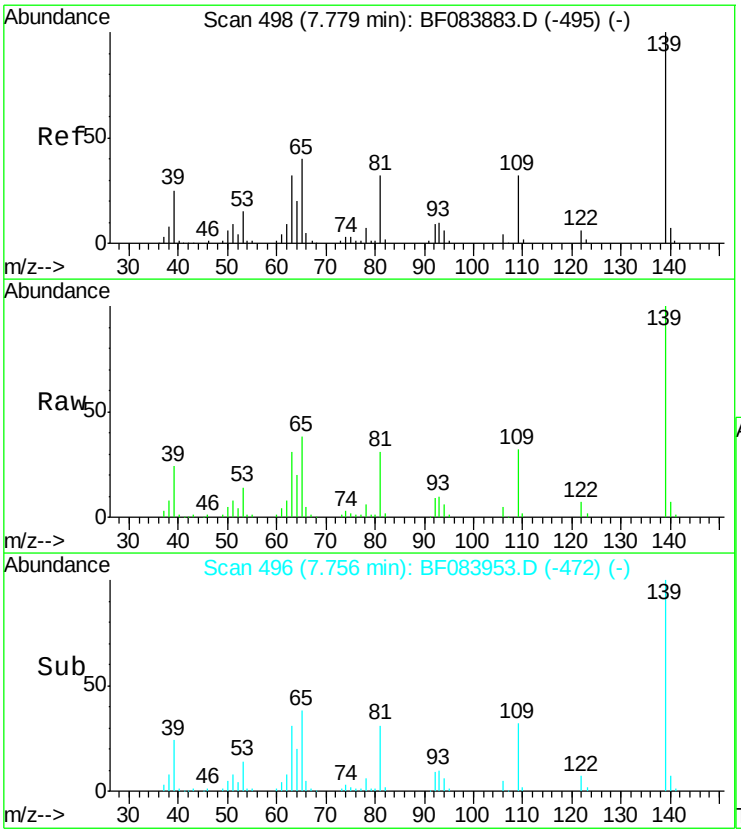

#25
Isophorone
Concen: 39.51 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion: 82 Resp: 291555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.4 | 6.6 | 10.0 |
| 138 | 18.0 | 13.6 | 20.4 |

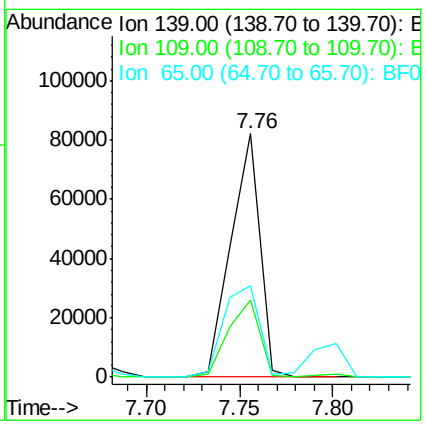


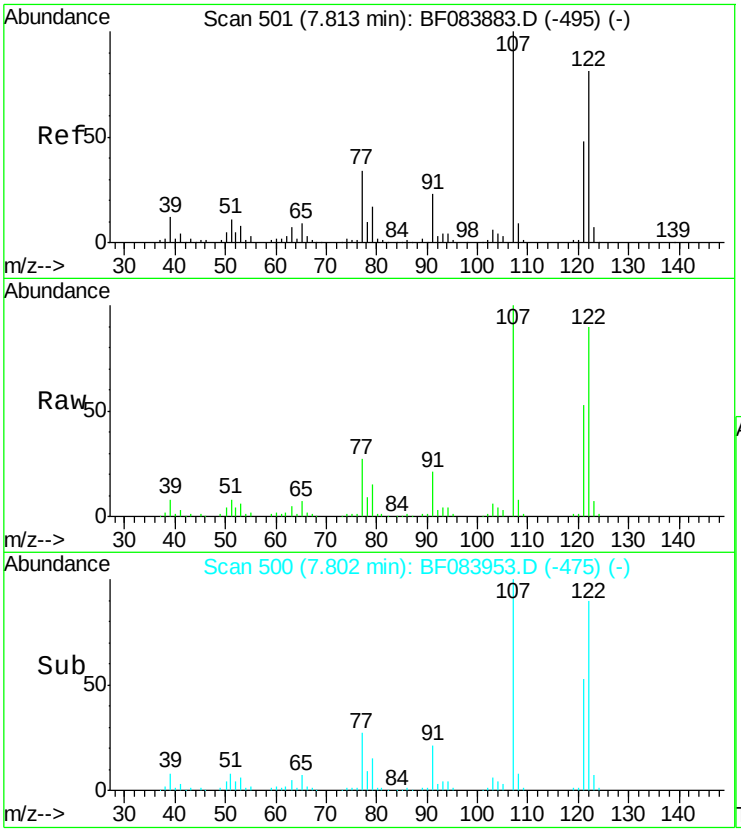




#26
2-Nitrophenol
Concen: 42.85 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:139 Resp: 89956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.9 | 25.4 | 38.2 |
| 65 | 37.5 | 32.3 | 48.5 |



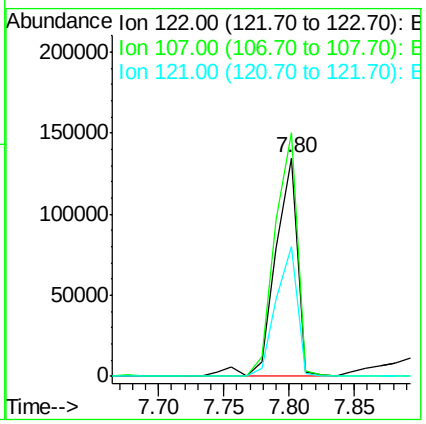


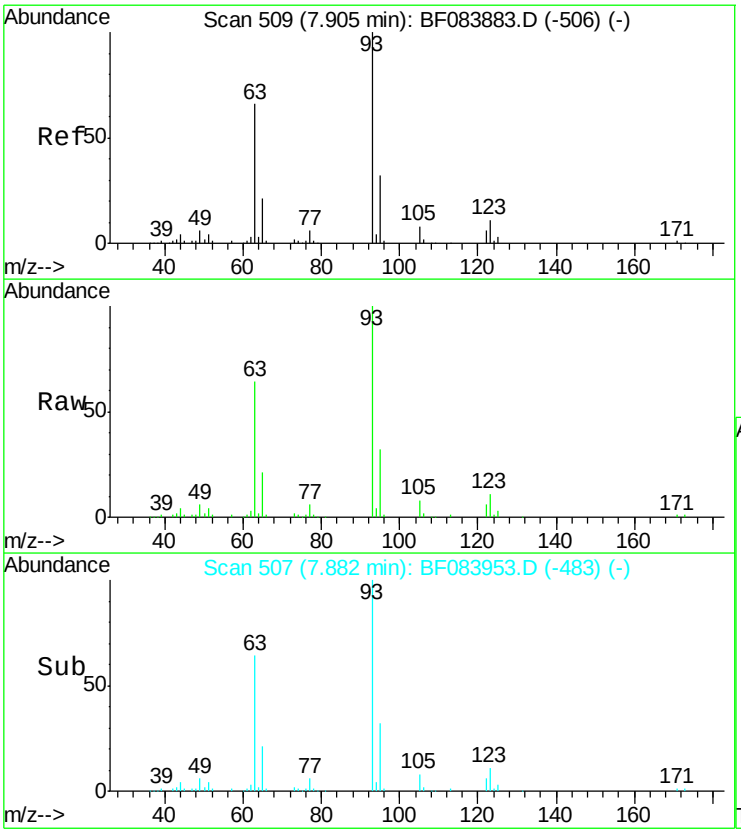

#27
2,4-Dimethylphenol
Concen: 44.52 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:122 Resp: 160998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.7 | 99.1 | 148.7 |
| 121 | 59.7 | 47.9 | 71.9 |

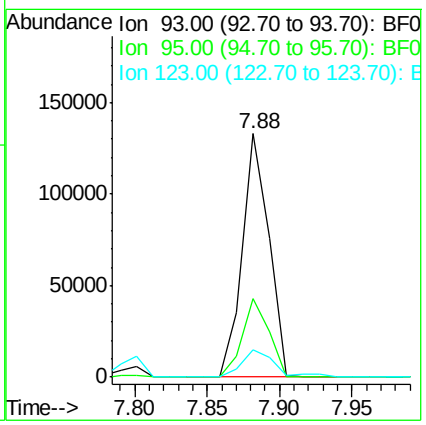


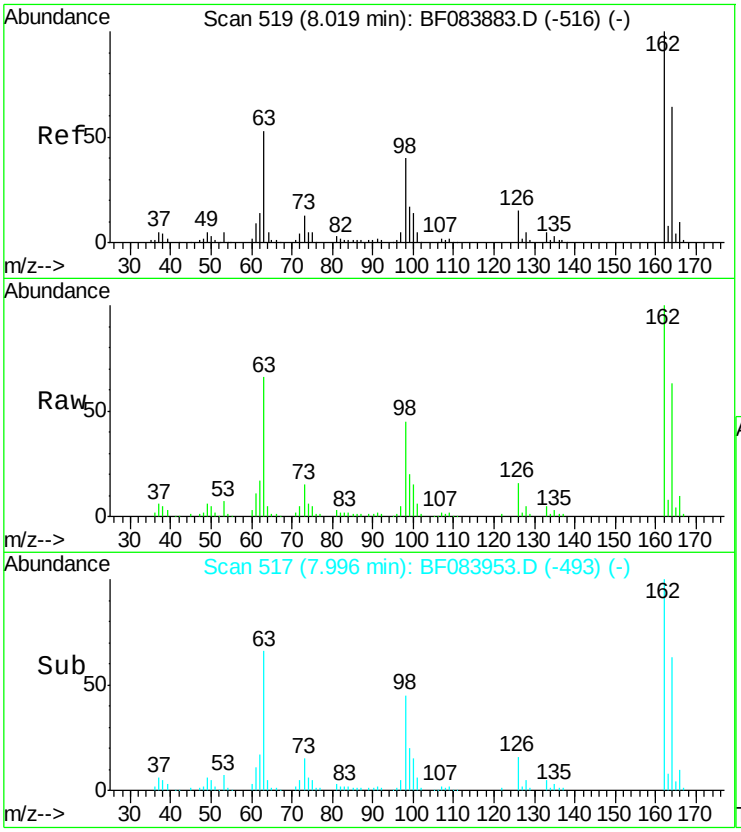




#28
bis(2-Chloroethoxy)methane
Concen: 38.62 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 93 Resp: 168553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 25.8 | 38.6 |
| 123 | 11.1 | 8.6 | 12.8 |



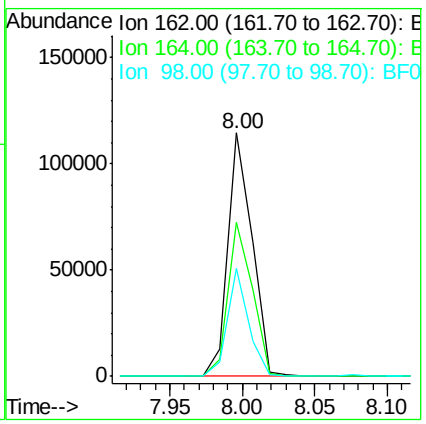


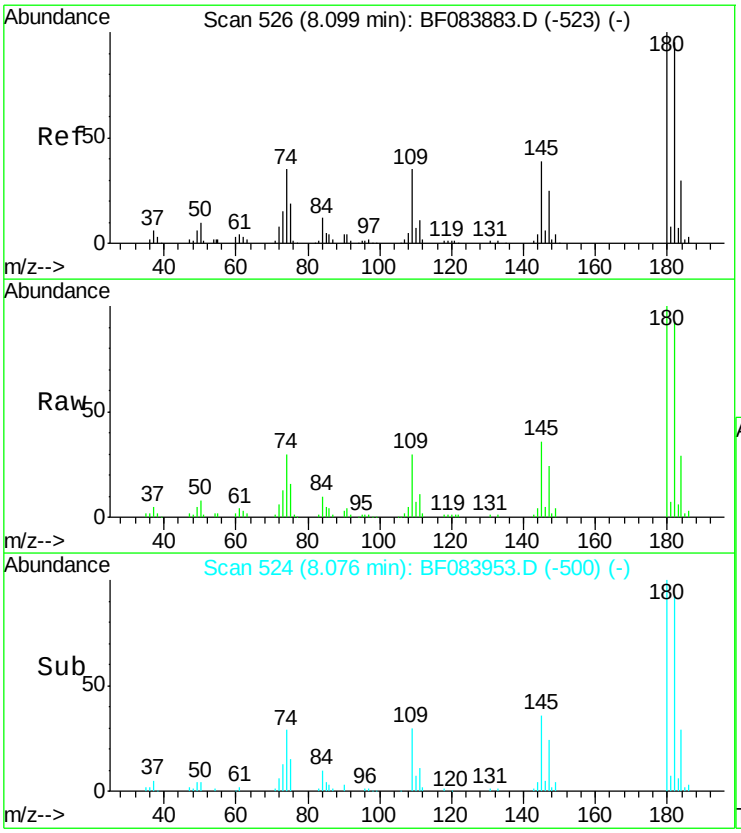

#29
2,4-Dichlorophenol
Concen: 40.45 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:162 Resp: 132710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.3 | 44.1 | 84.1 |
| 98 | 44.6 | 20.2 | 60.2 |

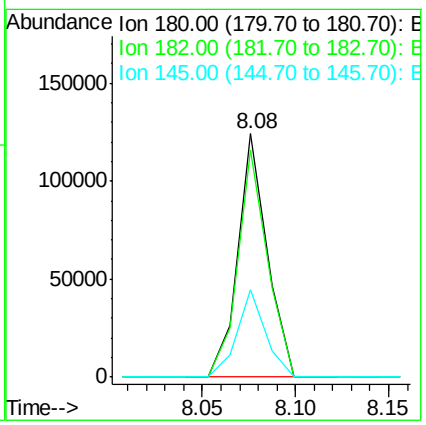


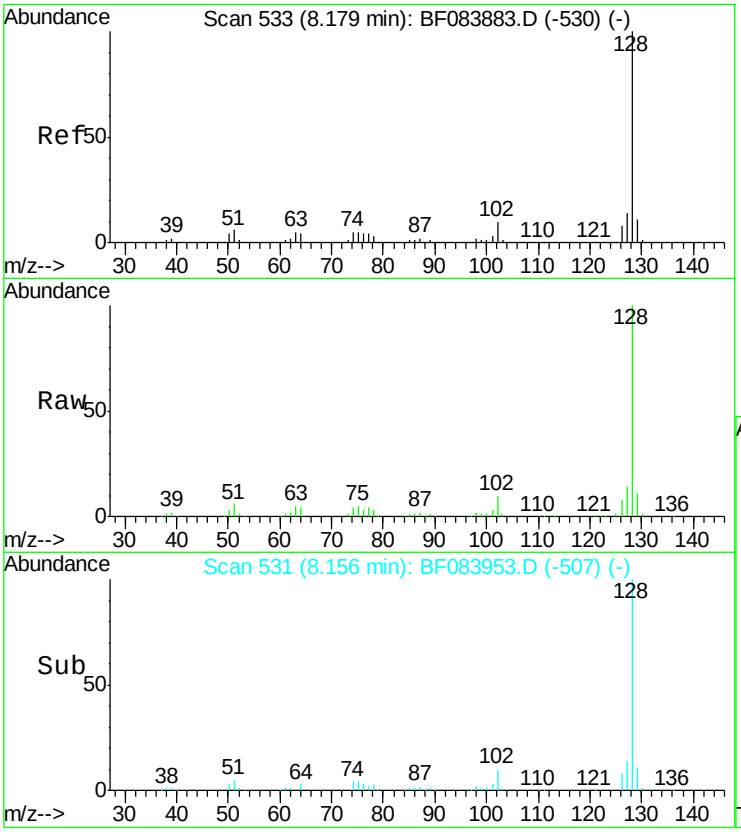




#30
1,2,4-Trichlorobenzene
Concen: 38.54 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:180 Resp: 135782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.2 | 76.4 | 114.6 |
| 145 | 36.1 | 31.6 | 47.4 |



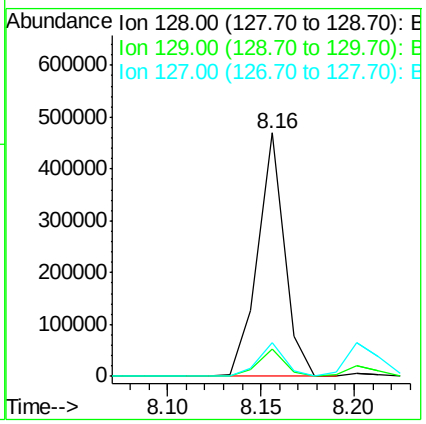


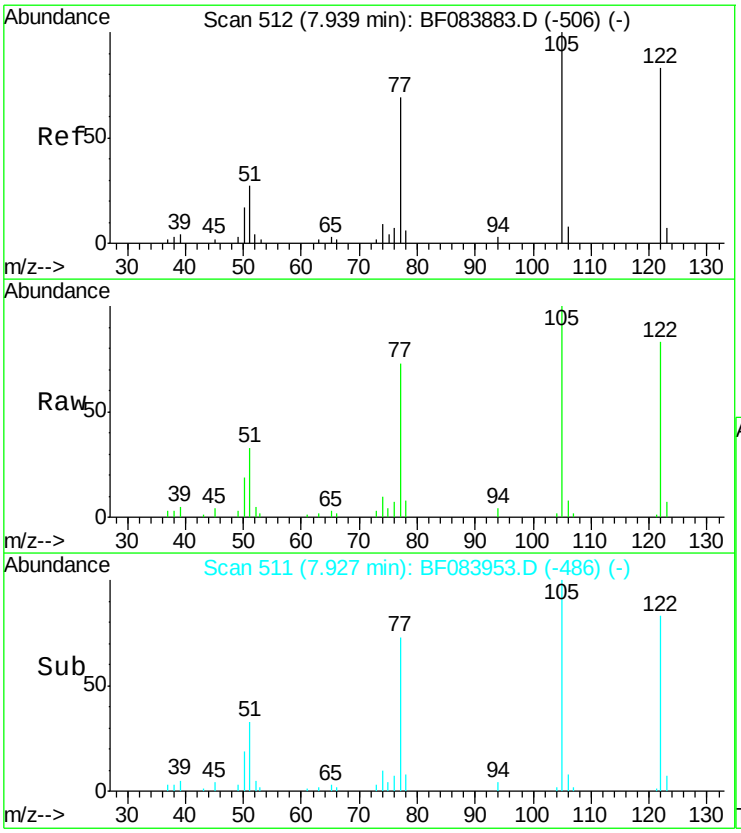

#31
Naphthalene
Concen: 41.05 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:128 Resp: 464996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.1 | 13.7 |
| 127 | 13.8 | 11.1 | 16.7 |

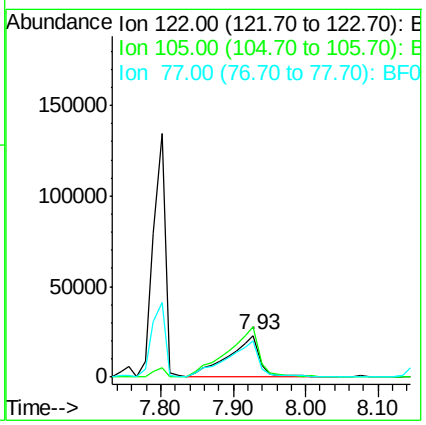


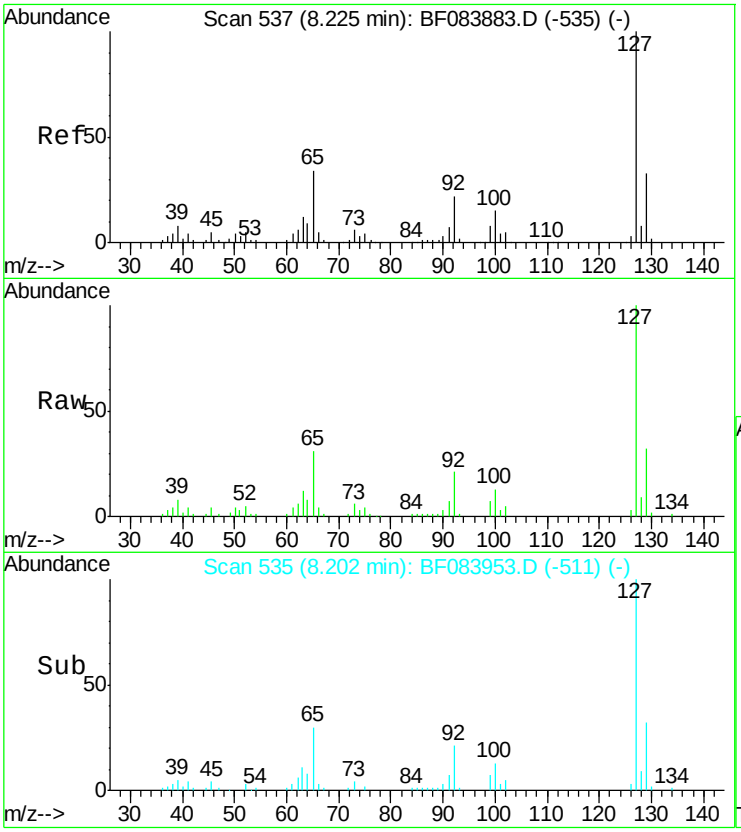




#32
Benzoic acid
Concen: 51.52 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:122 Resp: 70634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.0 | 100.3 | 140.3 |
| 77 | 88.2 | 63.5 | 103.5 |



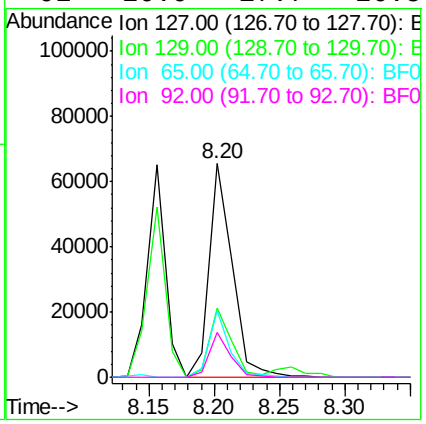


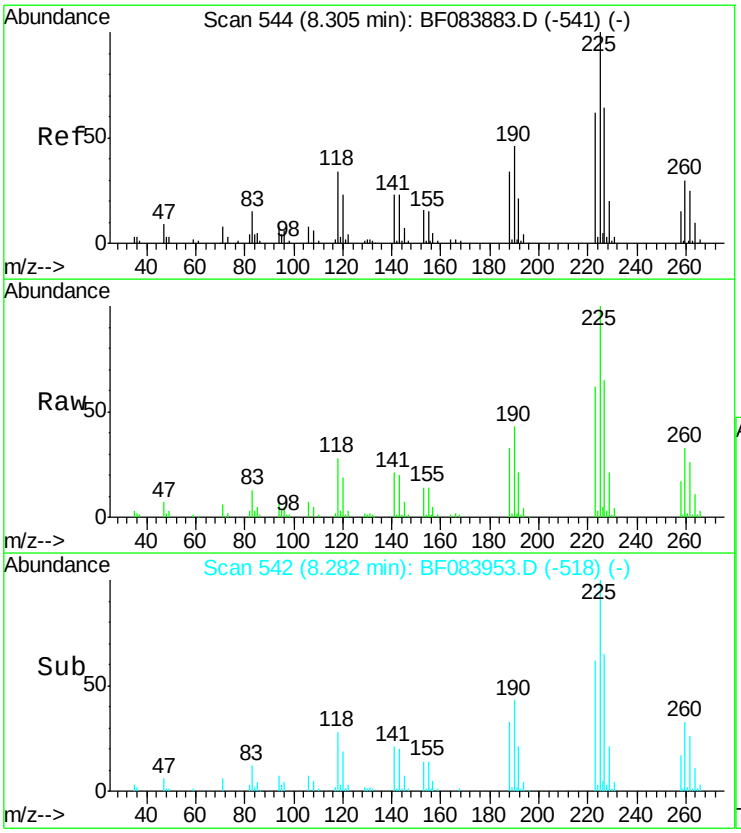

#33
4-Chloroaniline
Concen: 16.13 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:127 Resp: 81954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.3 | 26.5 | 39.7 |
| 65 | 31.2 | 27.2 | 40.8 |
| 92 | 20.9 | 17.7 | 26.5 |

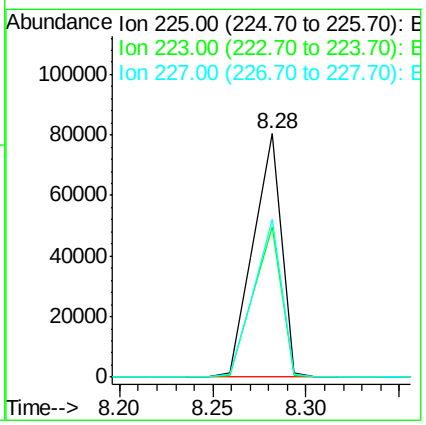


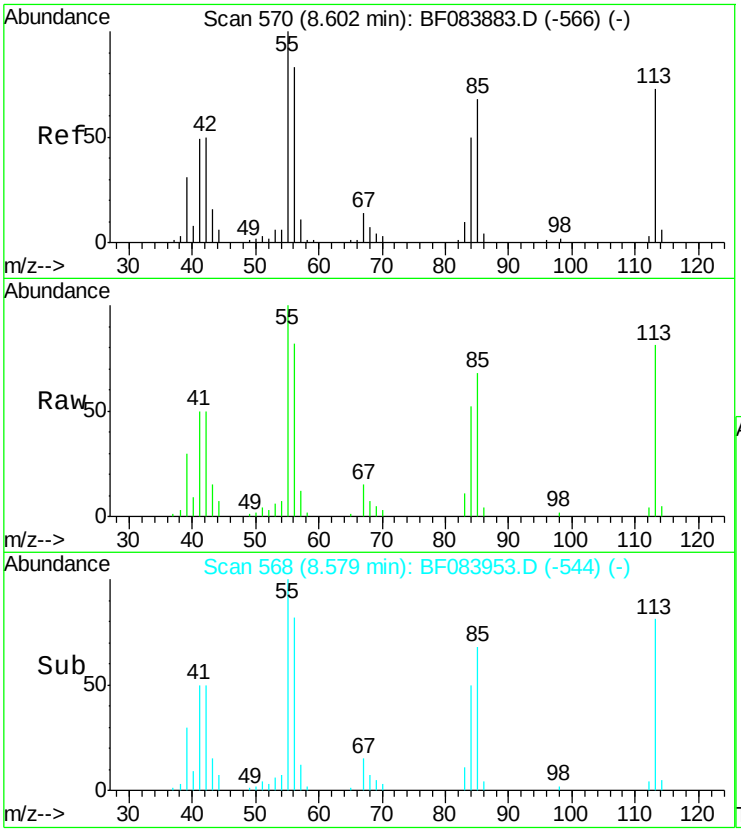




#34
Hexachlorobutadiene
Concen: 38.34 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:225 Resp: 84353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.6 | 49.4 | 74.0 |
| 227 | 64.6 | 50.8 | 76.2 |



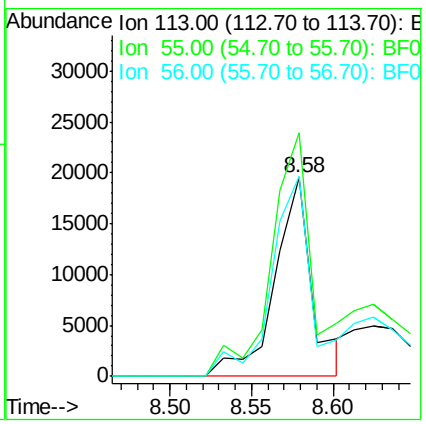


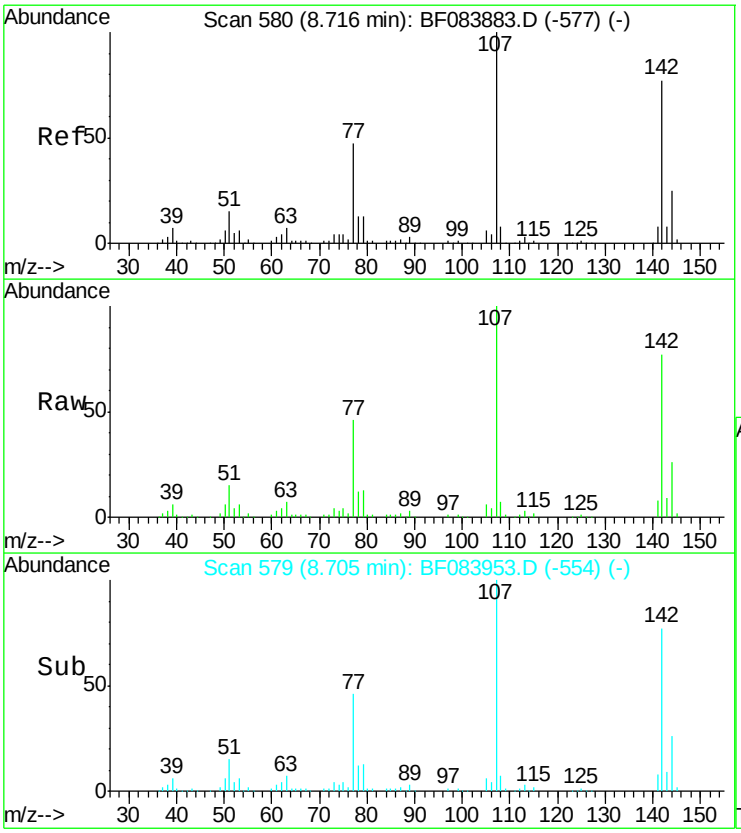

#35
Caprolactam
Concen: 28.67 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:113 Resp: 31080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 122.7 | 116.9 | 156.9 |
| 56 | 100.8 | 93.8 | 133.8 |

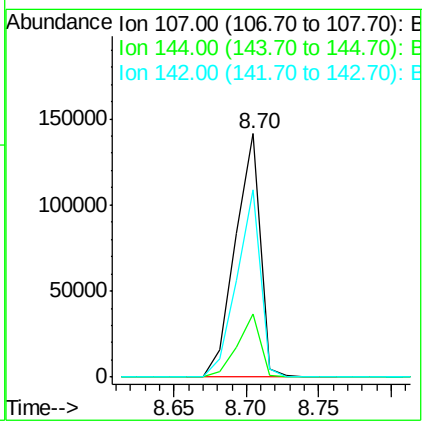


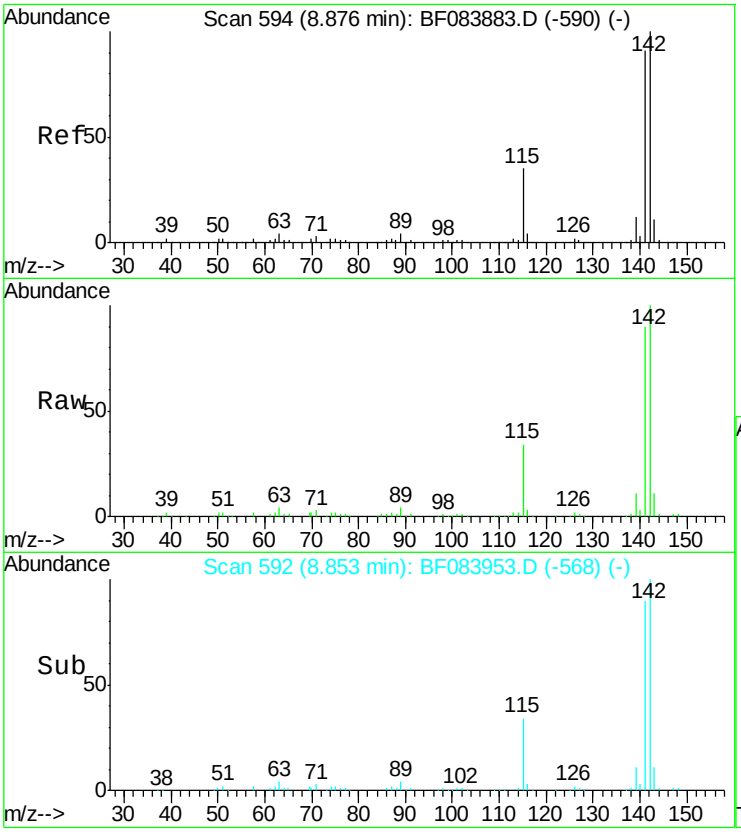




#36
4-Chloro-3-methylphenol
Concen: 45.70 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:107 Resp: 169116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.8 | 19.7 | 29.5 |
| 142 | 76.9 | 61.8 | 92.6 |



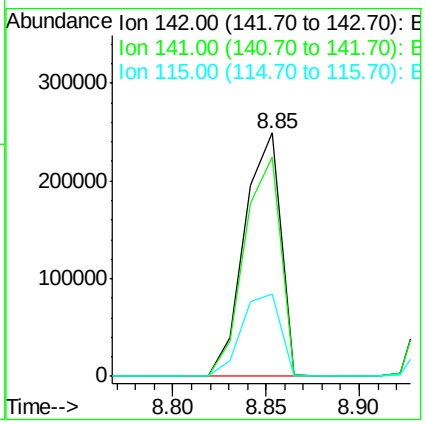


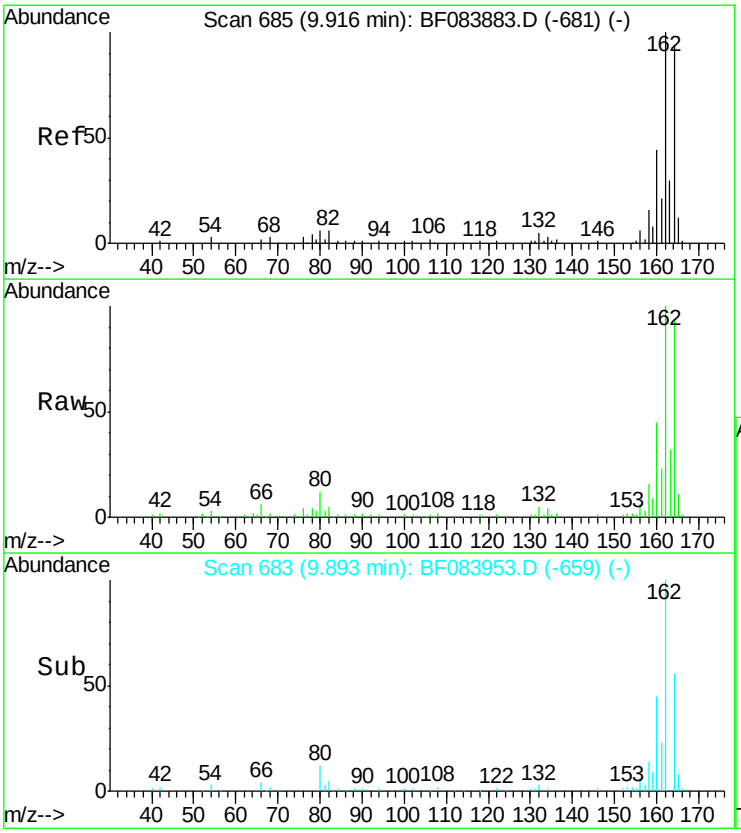

#37
2-Methylnaphthalene
Concen: 43.04 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:142 Resp: 334780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 72.4 | 108.6 |
| 115 | 34.0 | 27.9 | 41.9 |

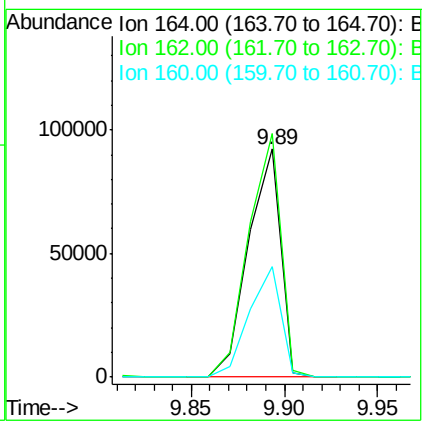


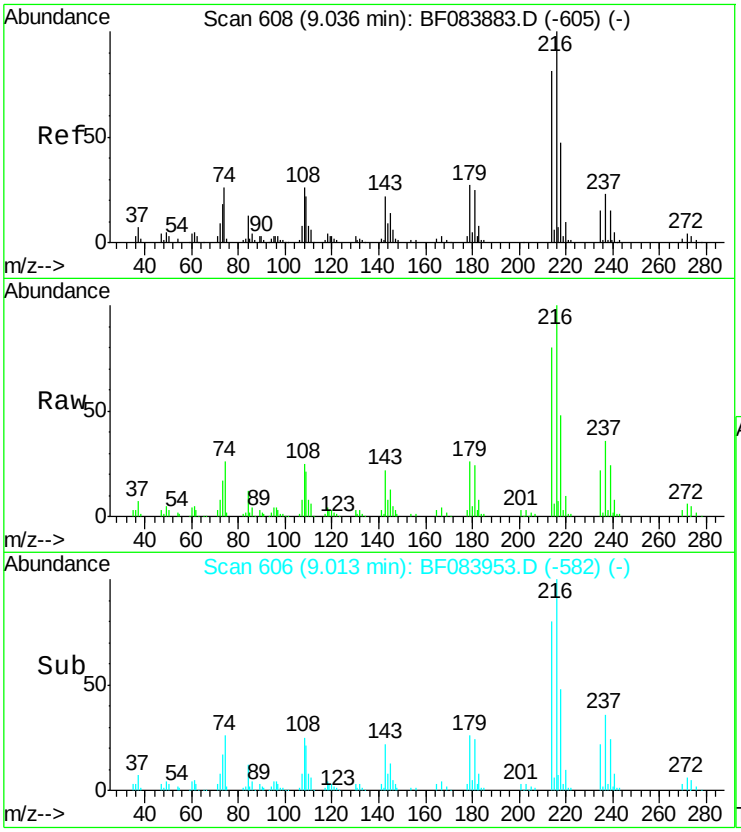




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:164 Resp: 111649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.9 | 85.1 | 127.7 |
| 160 | 48.6 | 37.5 | 56.3 |



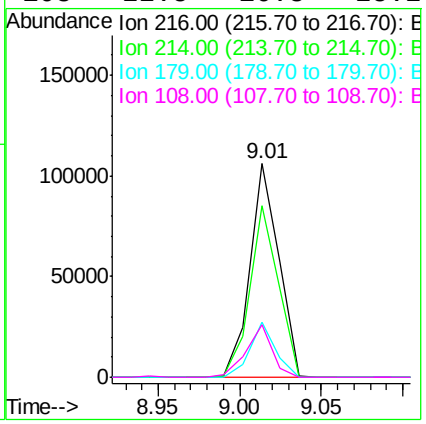


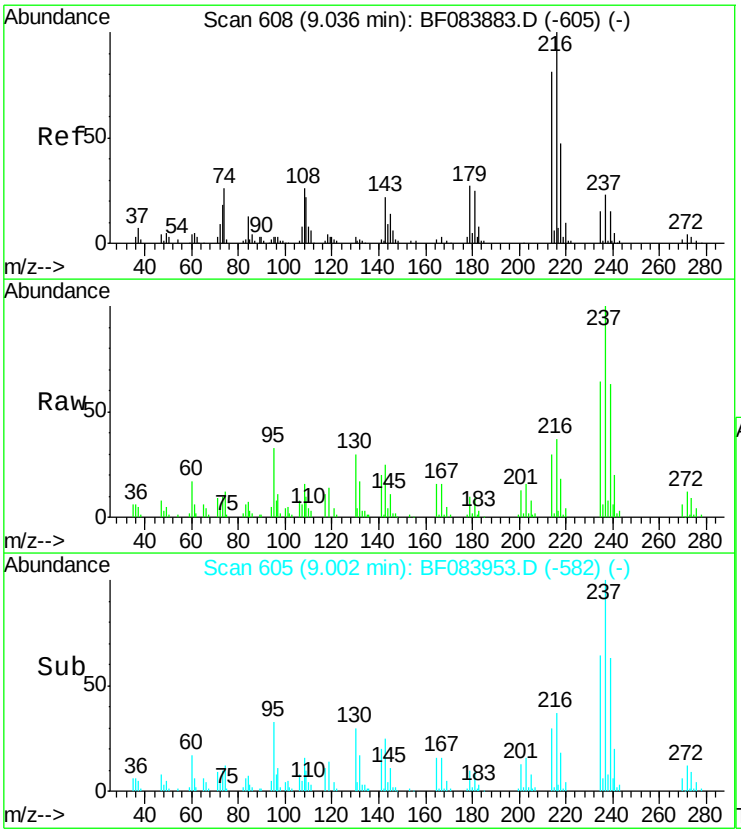

#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.85 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:216 Resp: 129737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.2 | 64.2 | 96.2 |
| 179 | 23.0 | 18.7 | 28.1 |
| 108 | 22.5 | 16.8 | 25.2 |

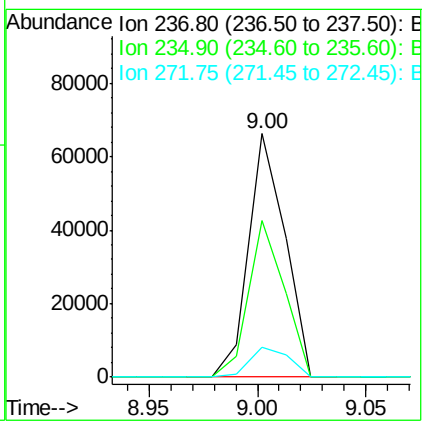


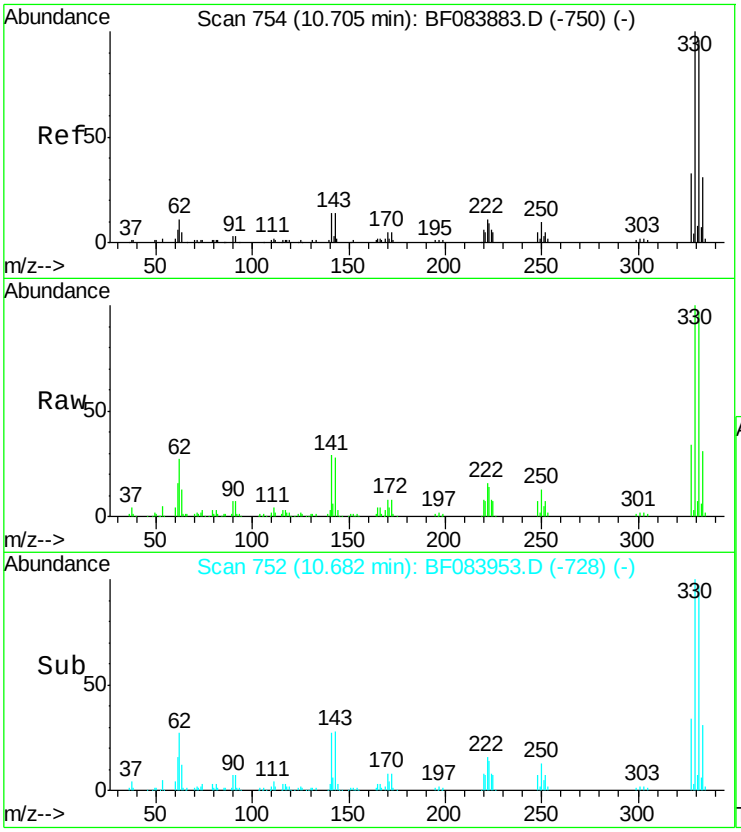




#40
Hexachlorocyclopentadiene
Concen: 67.32 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:237 Resp: 77292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.5 | 43.1 | 83.1 |
| 272 | 12.2 | 0.0 | 35.1 |



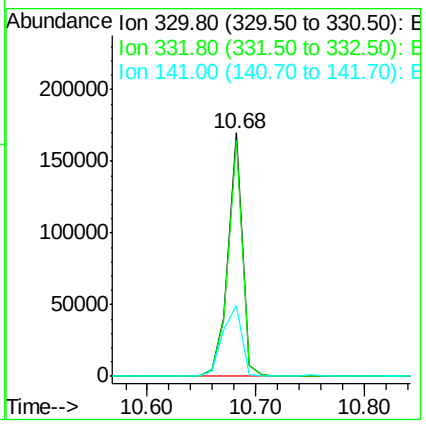


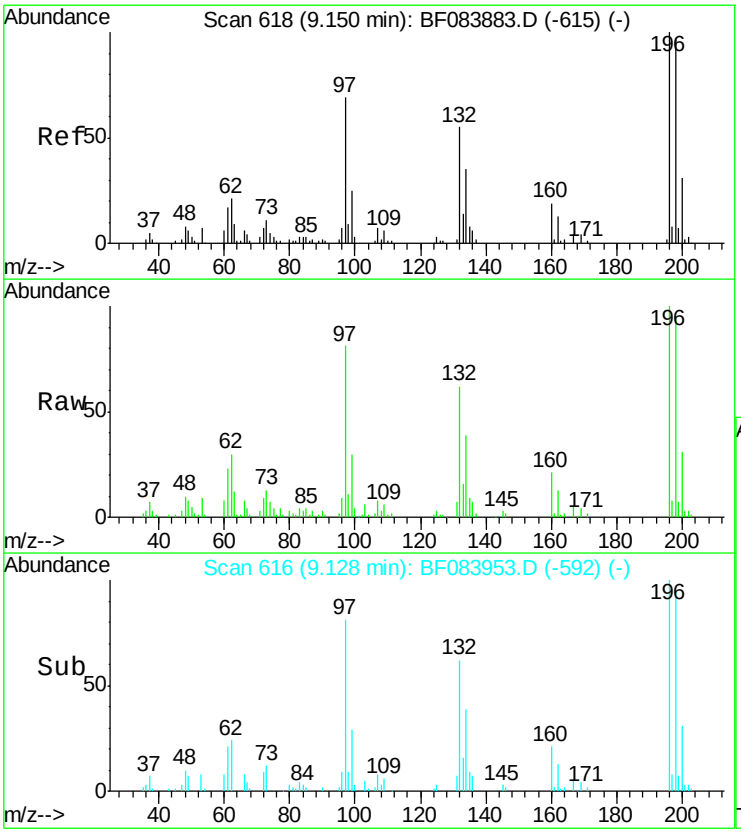

#41
2,4,6-Tribromophenol
Concen: 125.54 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:330 Resp: 154419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 76.6 | 114.8 |
| 141 | 38.8 | 27.8 | 41.6 |

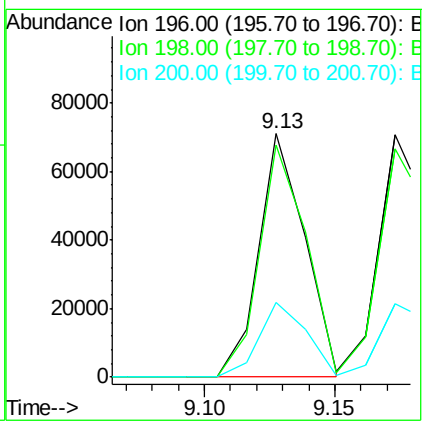


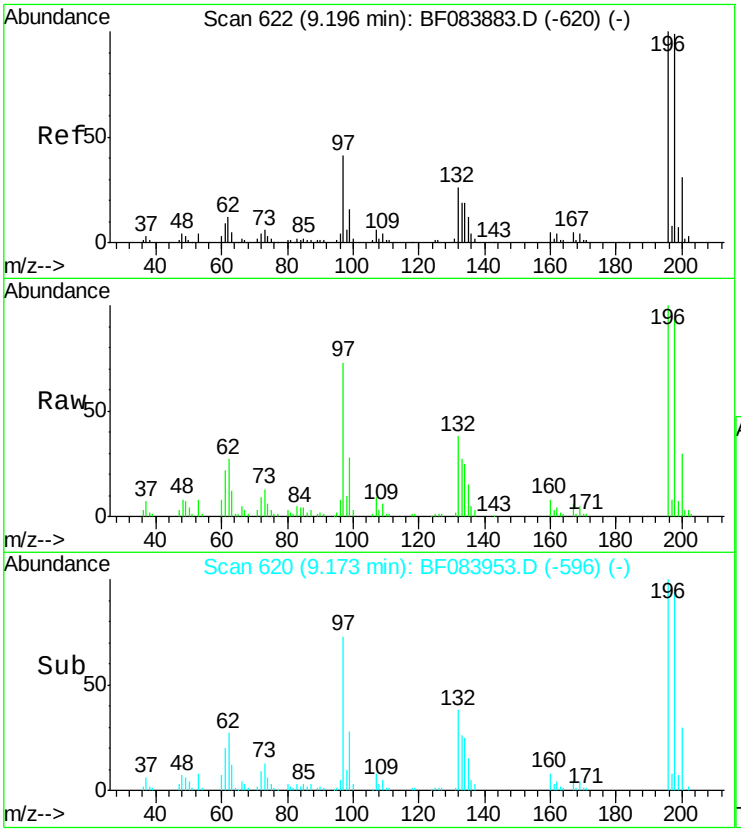




#42
2,4,6-Trichlorophenol
Concen: 37.58 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:196 Resp: 87345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 77.7 | 116.5 |
| 200 | 30.6 | 24.6 | 37.0 |



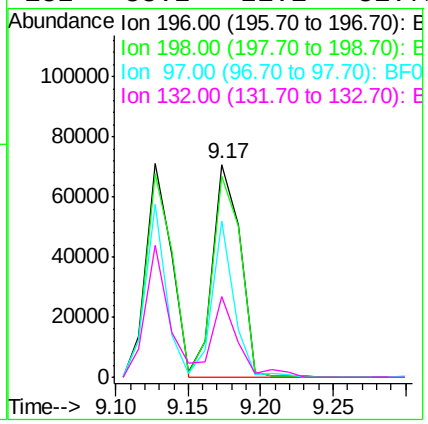


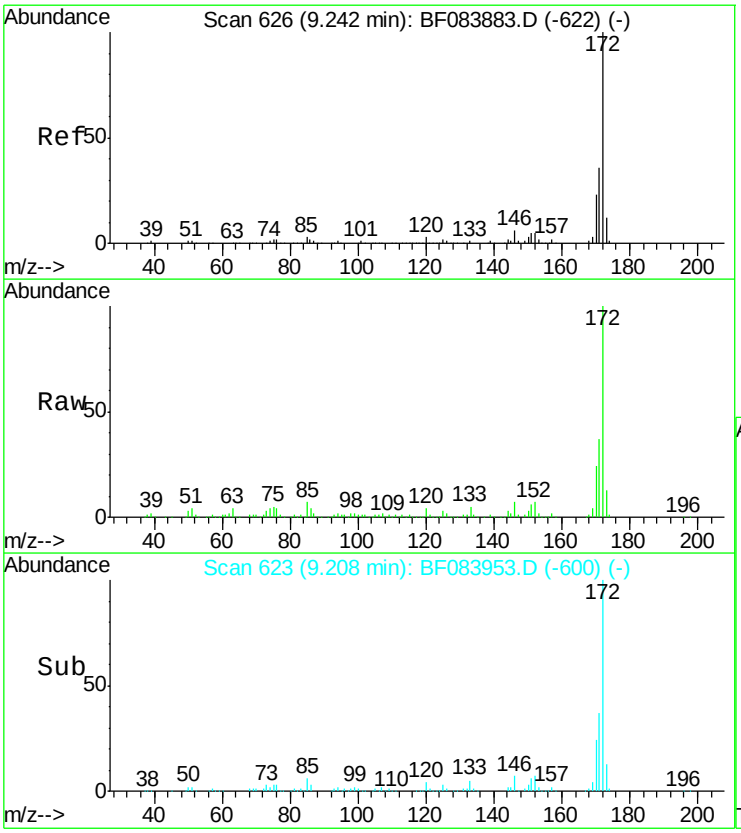

#43
2,4,5-Trichlorophenol
Concen: 40.68 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:196 Resp: 93579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.5 | 79.0 | 118.6 |
| 97 | 73.4 | 33.0 | 49.6# |
| 132 | 38.2 | 21.1 | 31.7# |

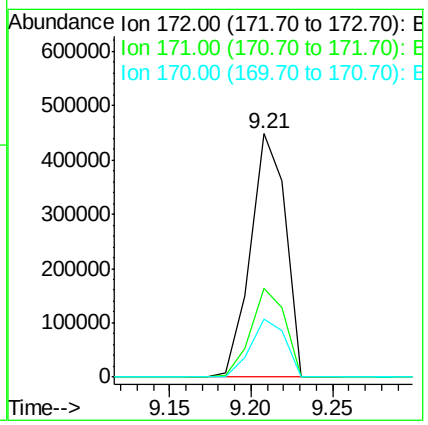


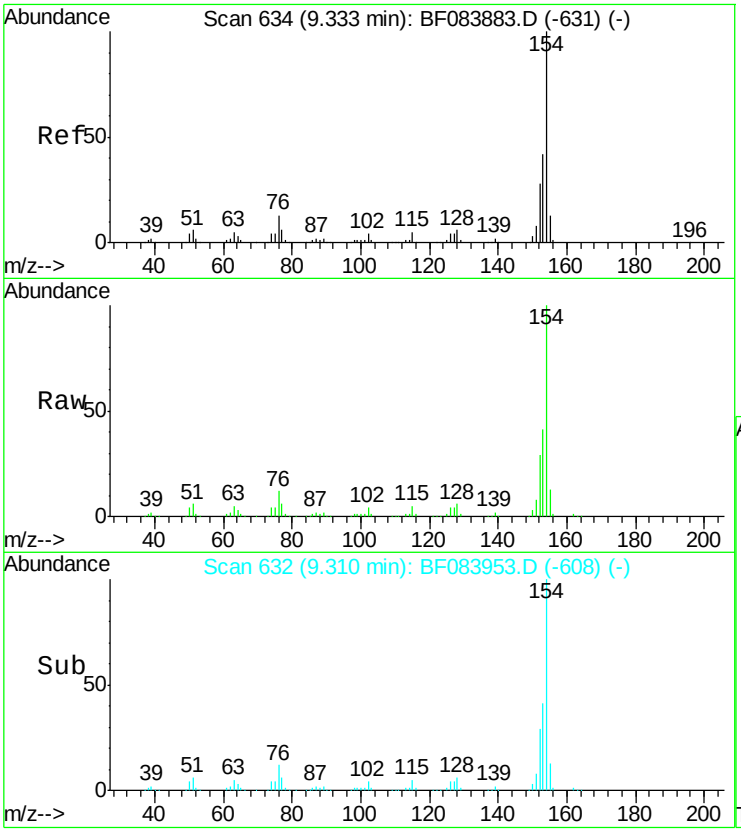




#44
2-Fluorobiphenyl
Concen: 83.07 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:172 Resp: 662882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 28.9 | 43.3 |
| 170 | 23.7 | 18.6 | 27.8 |



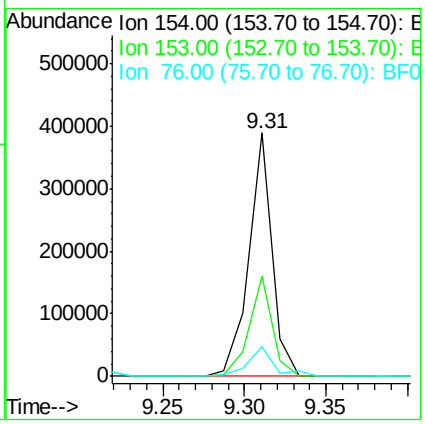


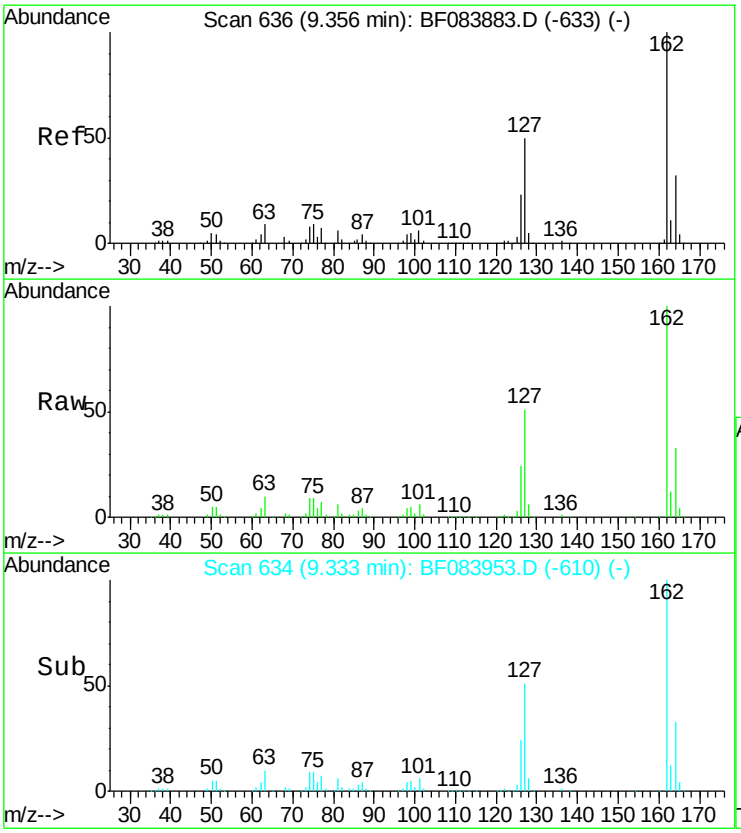

#45
1,1'-Biphenyl
Concen: 40.77 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:154 Resp: 383470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.3 | 21.6 | 61.6 |
| 76 | 12.1 | 0.0 | 32.7 |

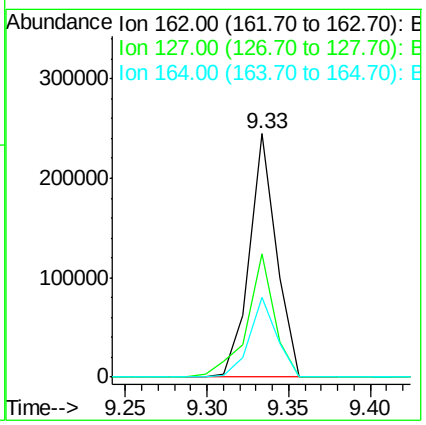


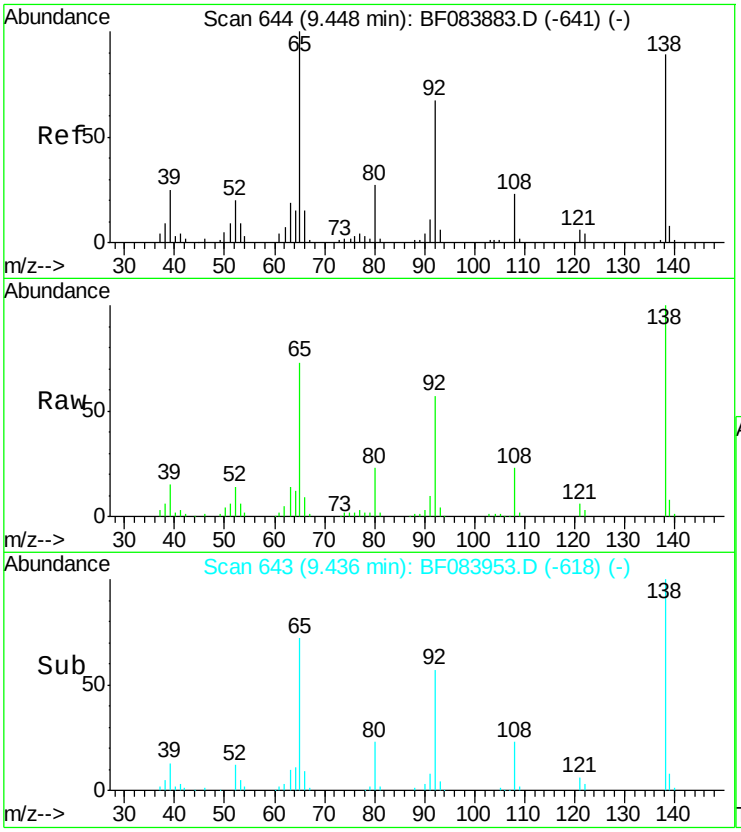




#46
2-Chloronaphthalene
Concen: 38.27 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:162 Resp: 282666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 50.6 | 40.2 | 60.4 |
| 164 | 32.8 | 25.7 | 38.5 |



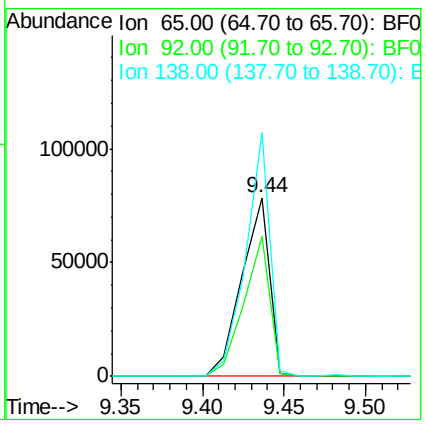


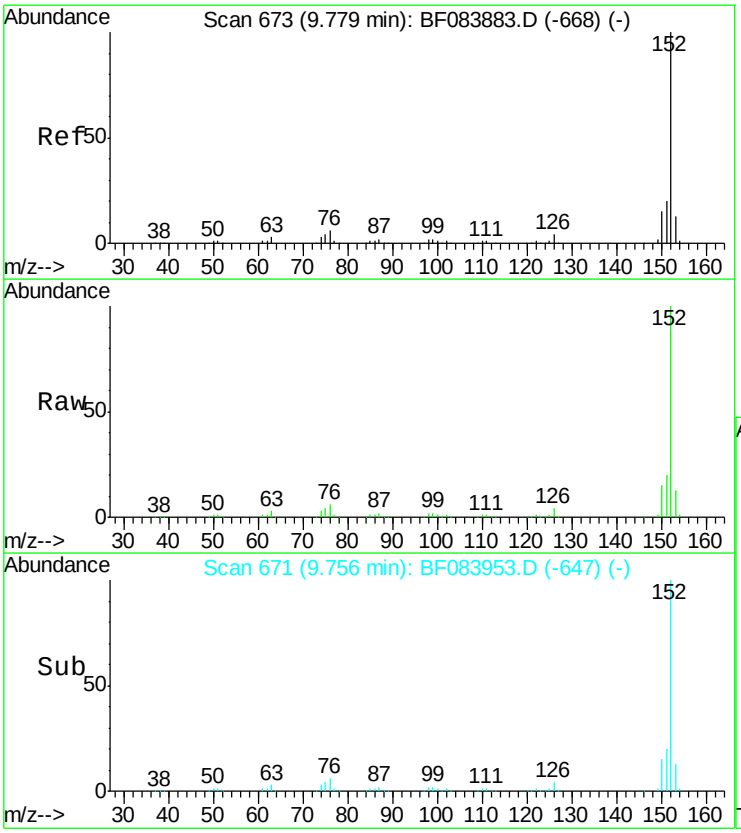

#47
2-Nitroaniline
Concen: 41.81 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion: 65 Resp: 92323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 78.4 | 53.4 | 80.2 |
| 138 | 136.4 | 71.1 | 106.7# |

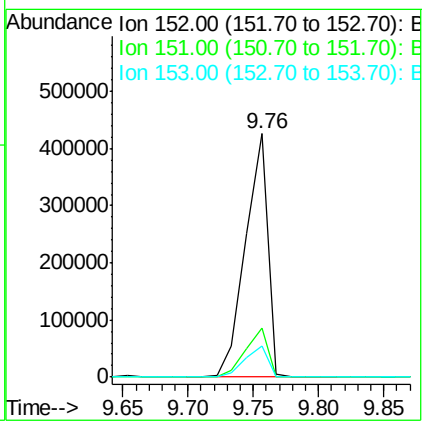


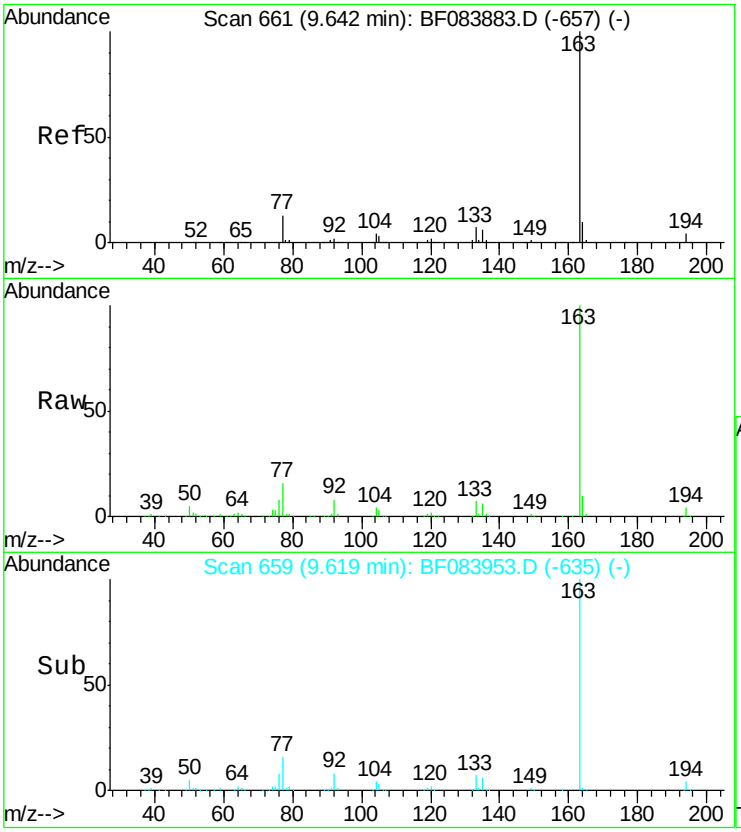




#48
Acenaphthylene
Concen: 38.98 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:152 Resp: 507312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 16.3 | 24.5 |
| 153 | 12.7 | 10.4 | 15.6 |



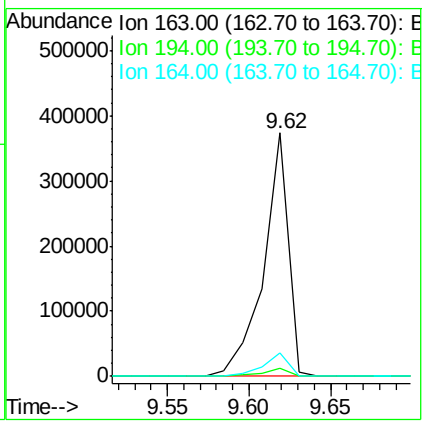


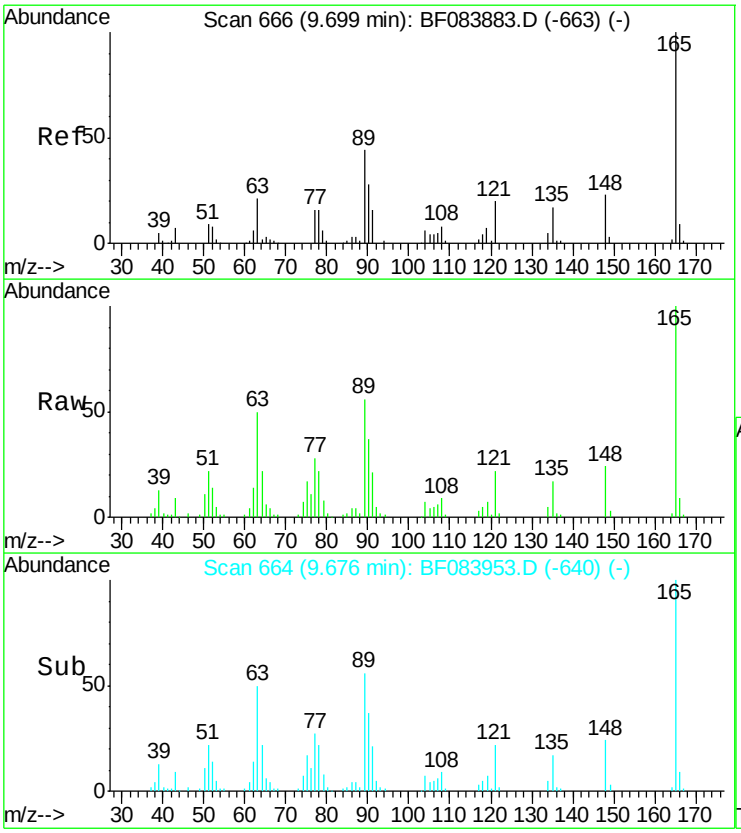

#49
Dimethylphthalate
Concen: 42.02 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:163 Resp: 393661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 8.0 | 12.0# |
| 164 | 9.8 | 8.0 | 12.0 |

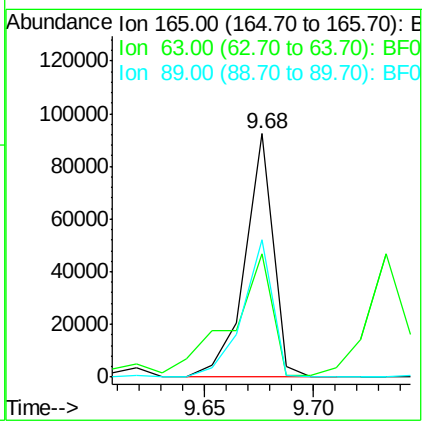


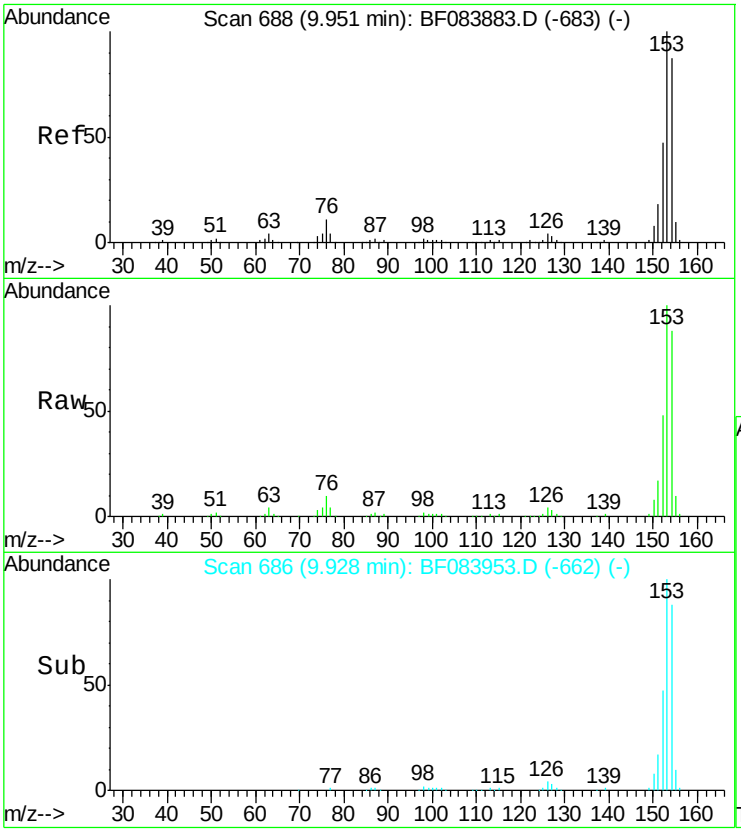




#50
2,6-Dinitrotoluene
Concen: 40.82 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:165 Resp: 83412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.4 | 28.8 | 43.2# |
| 89 | 56.5 | 35.1 | 52.7# |



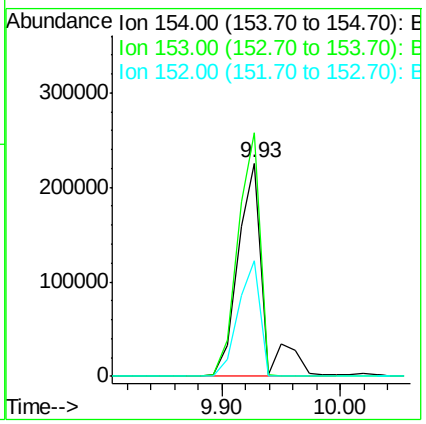


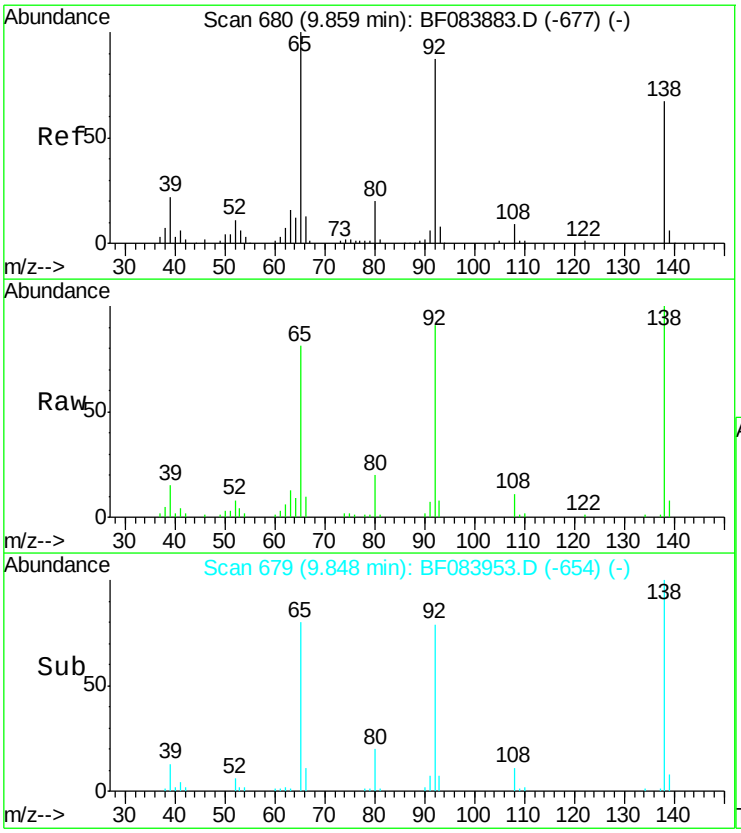

#51
Acenaphthene
Concen: 41.87 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:154 Resp: 335121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.1 | 91.5 | 137.3 |
| 152 | 54.3 | 43.0 | 64.6 |

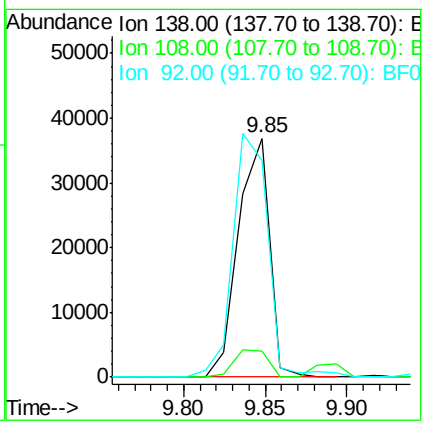


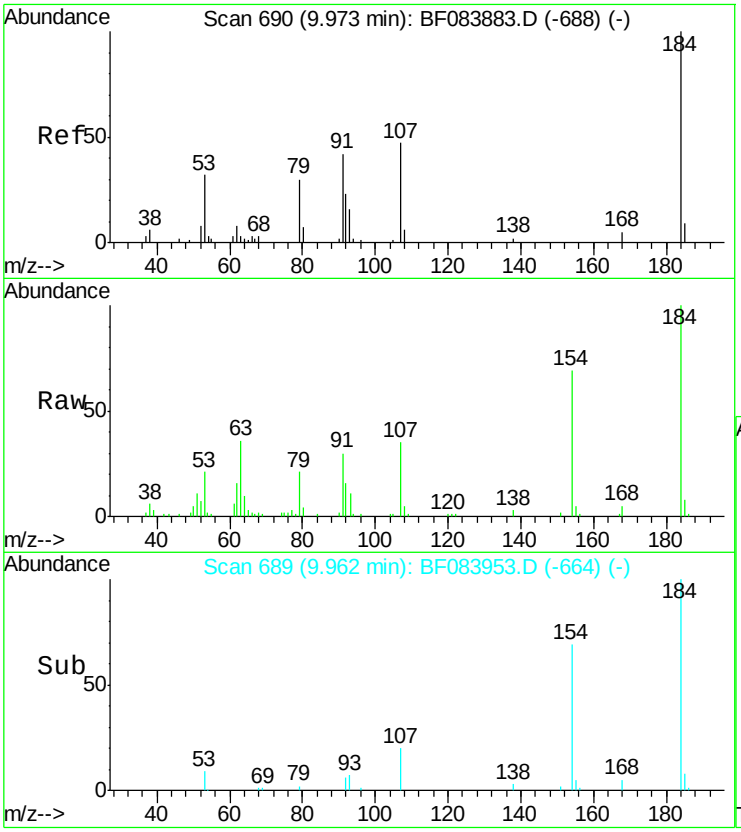




#52
3-Nitroaniline
Concen: 22.55 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:138 Resp: 48579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 10.5 | 15.7 |
| 92 | 90.6 | 103.9 | 155.9# |



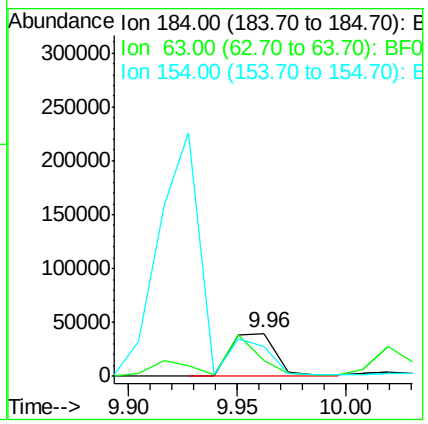


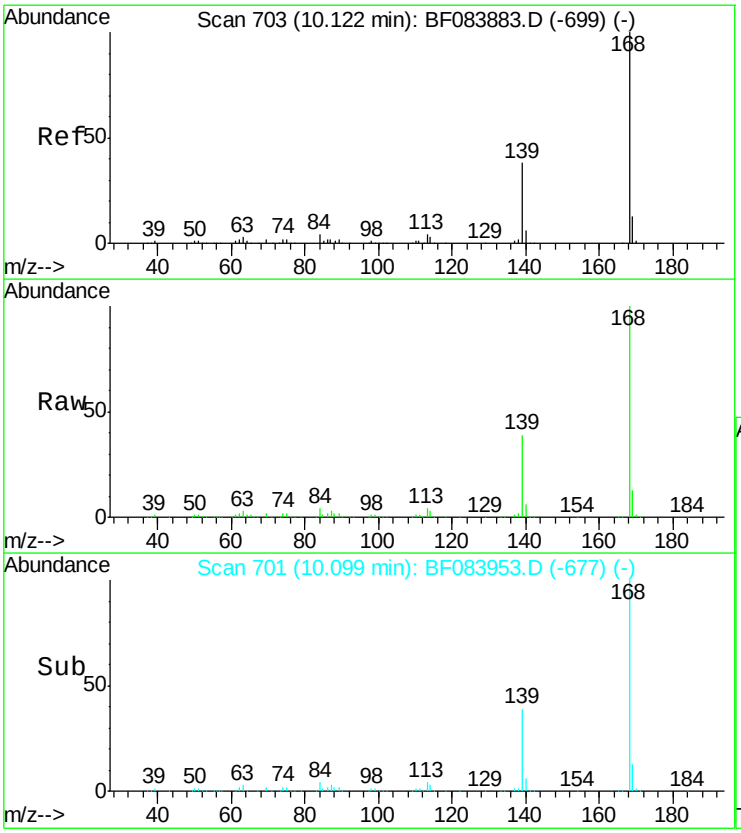

#53
2,4-Dinitrophenol
Concen: 80.11 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:184 Resp: 58791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 35.6 | 43.1 | 64.7# |
| 154 | 69.1 | 60.5 | 90.7 |

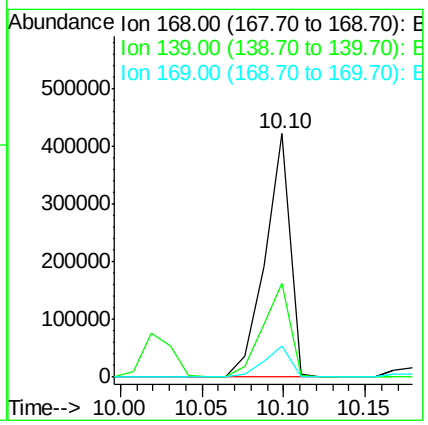


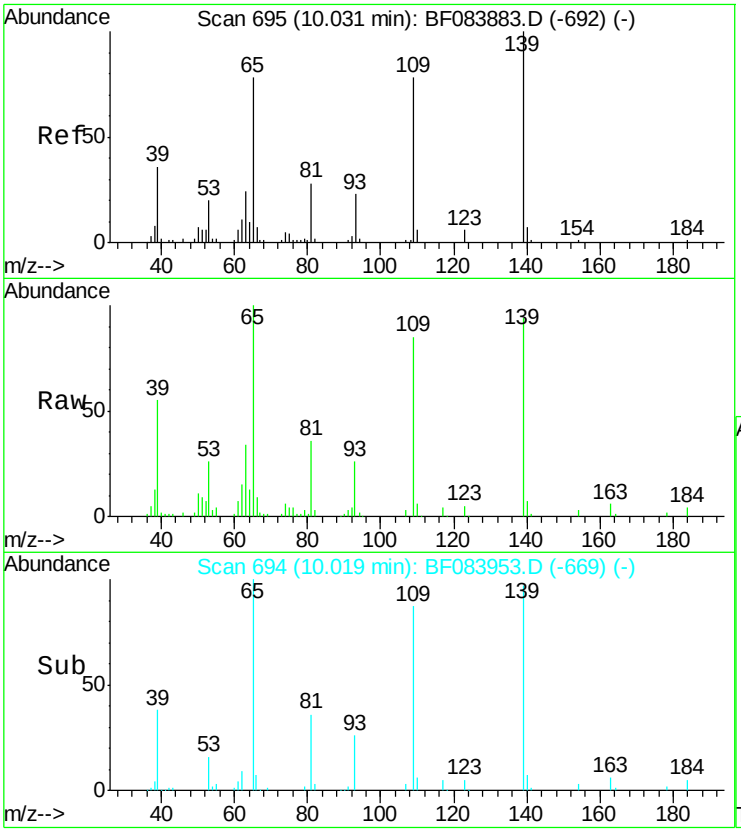




#54
Dibenzofuran
Concen: 43.37 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:168 Resp: 450751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.7 | 30.5 | 45.7 |
| 169 | 13.0 | 10.4 | 15.6 |



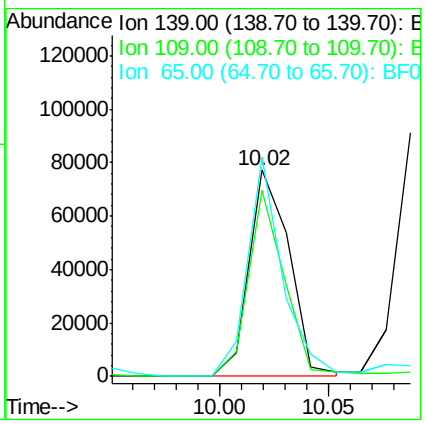


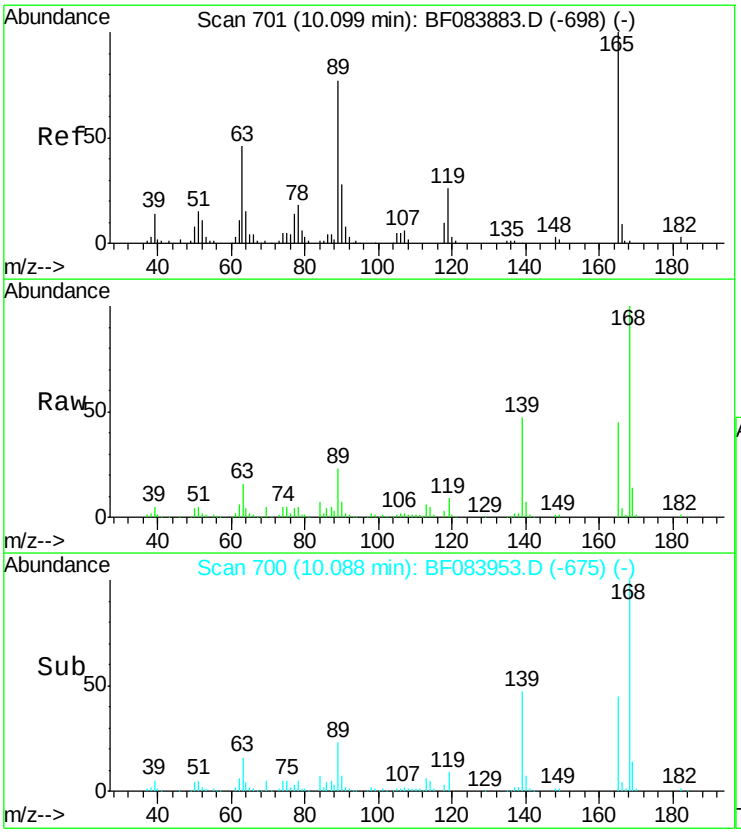

#55
4-Nitrophenol
Concen: 73.85 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:139 Resp: 99314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 90.1 | 58.5 | 98.5 |
| 65 | 106.2 | 57.6 | 97.6# |

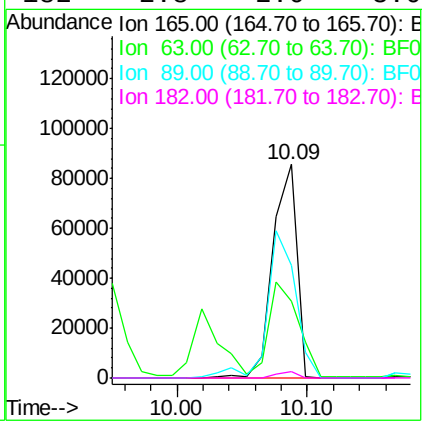


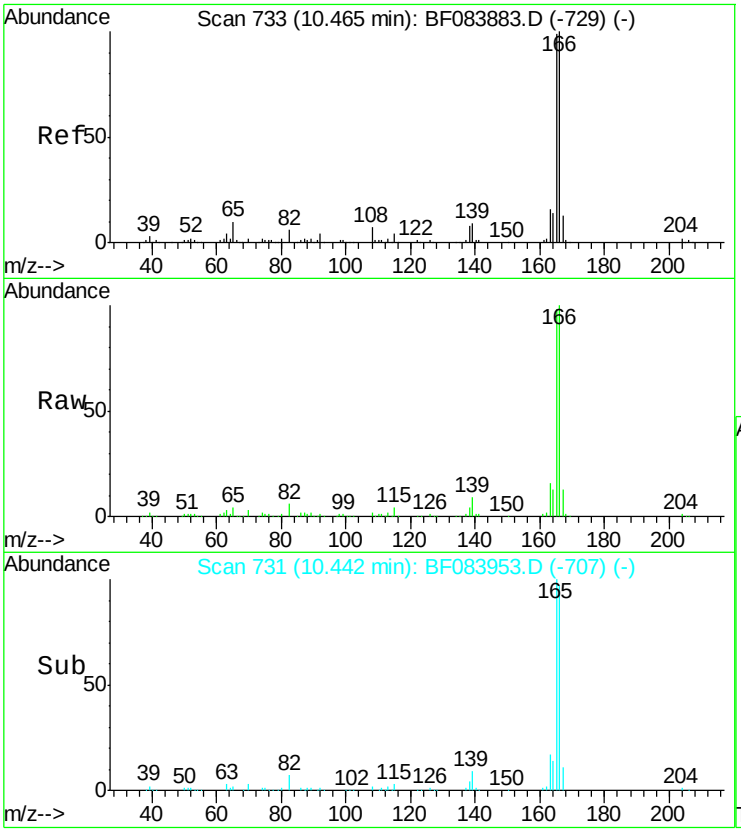




#56
2,4-Dinitrotoluene
Concen: 42.47 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:165 Resp: 111245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.7 | 36.7 | 55.1# |
| 89 | 52.5 | 61.9 | 92.9# |
| 182 | 2.8 | 2.0 | 3.0 |



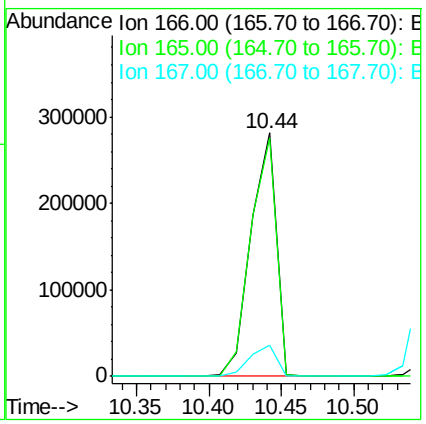


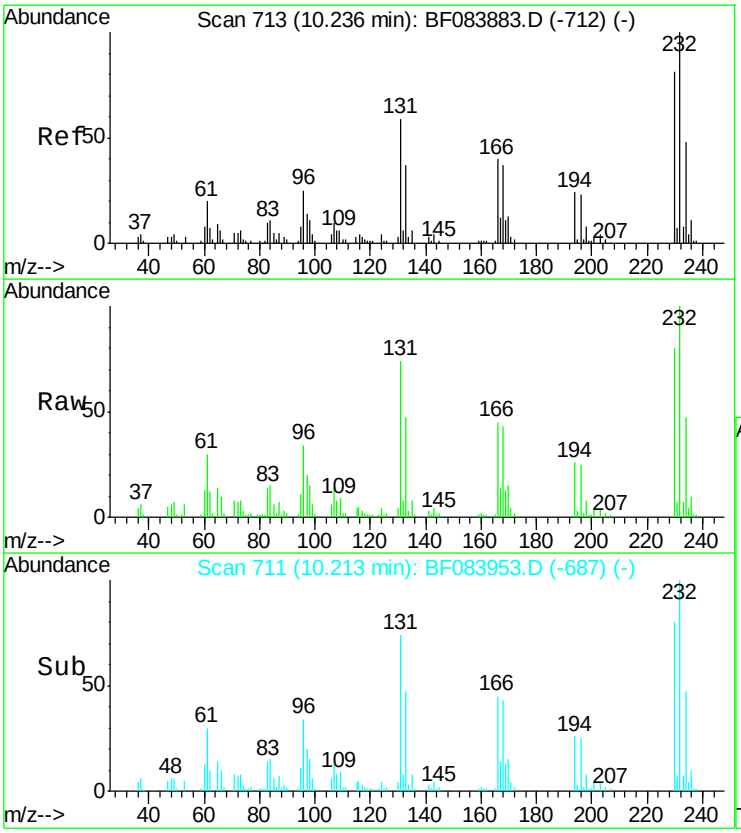

#57
Fluorene
Concen: 43.28 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:166 Resp: 343064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 79.1 | 118.7 |
| 167 | 12.9 | 10.4 | 15.6 |

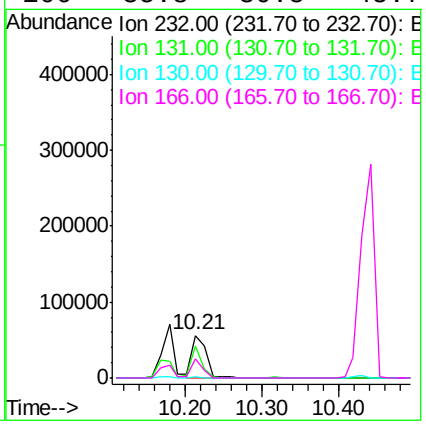


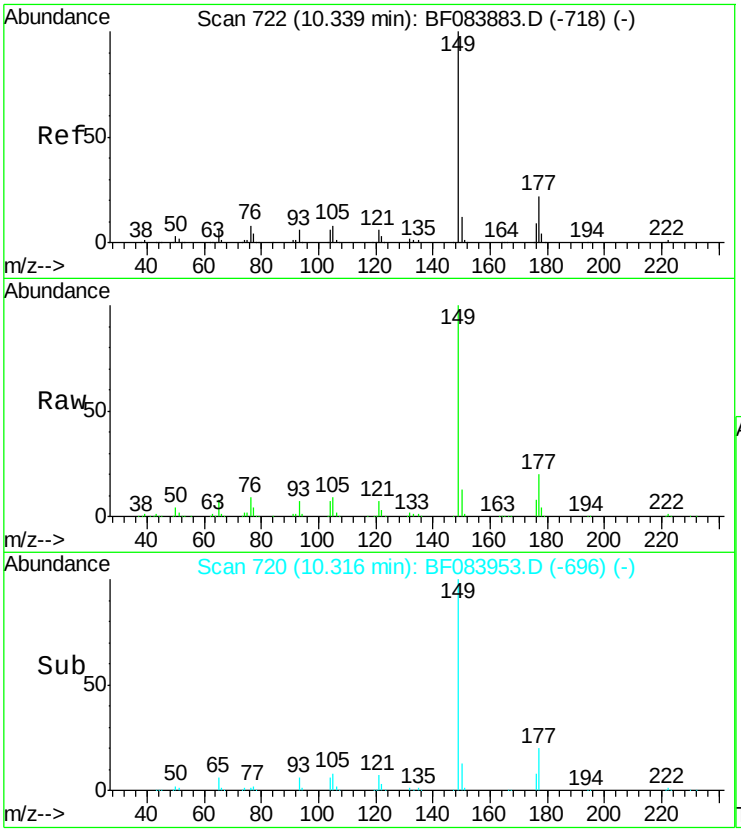




#58
2,3,4,6-Tetrachlorophenol
Concen: 43.29 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:232 Resp: 73668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 56.2 | 47.0 | 70.6 |
| 130 | 2.7 | 2.0 | 3.0 |
| 166 | 35.8 | 30.5 | 45.7 |



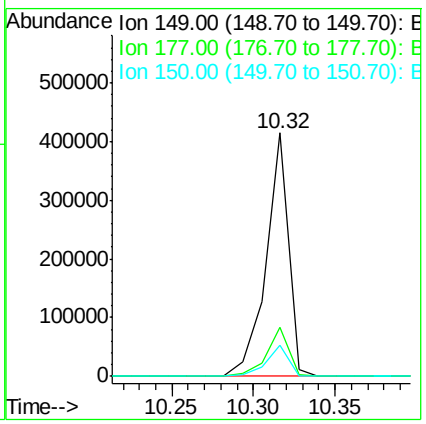


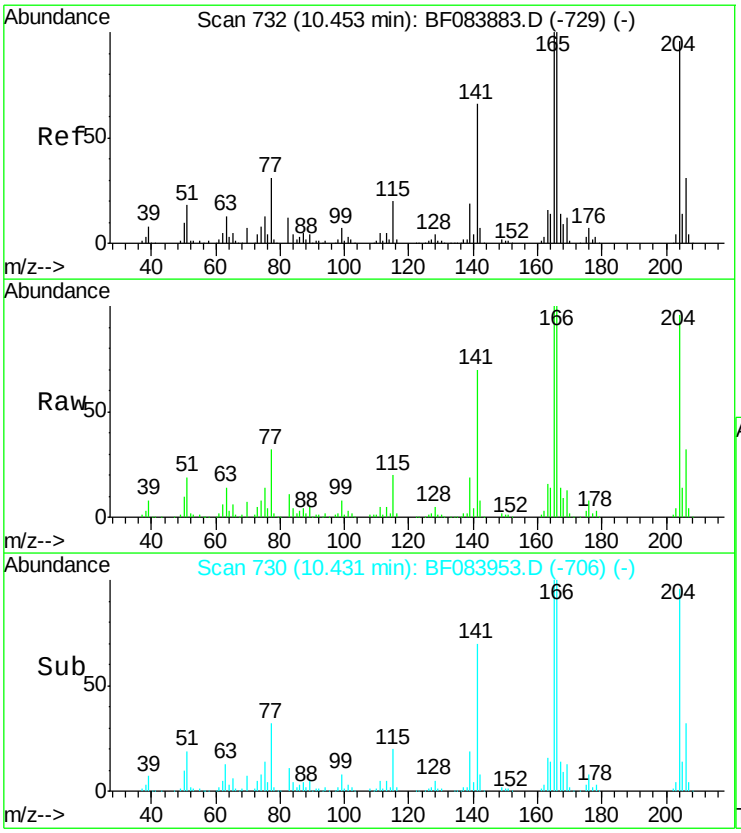

#59
Diethylphthalate
Concen: 41.05 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:149 Resp: 397626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.3 | 17.3 | 25.9 |
| 150 | 12.6 | 9.8 | 14.8 |

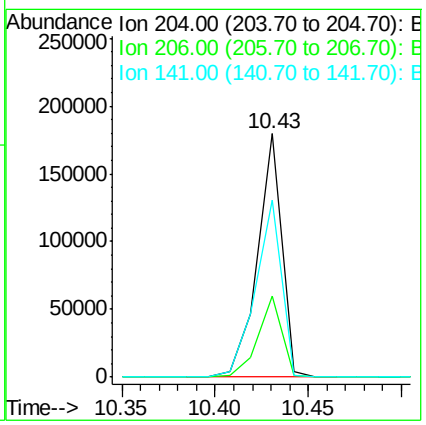


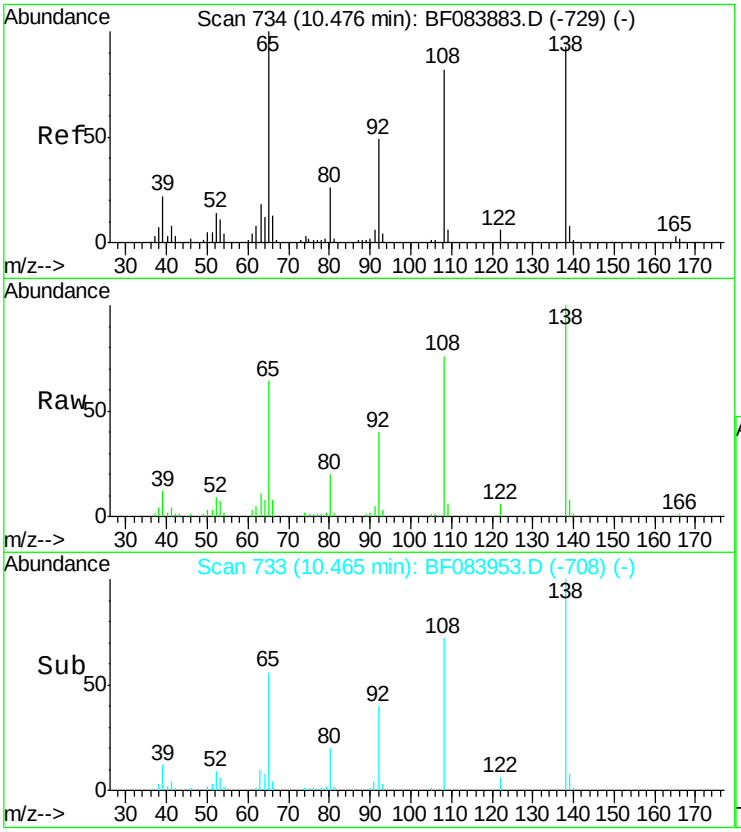




#60
4-Chlorophenyl-phenylether
Concen: 40.41 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:204 Resp: 160964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.2 | 25.7 | 38.5 |
| 141 | 72.6 | 55.1 | 82.7 |



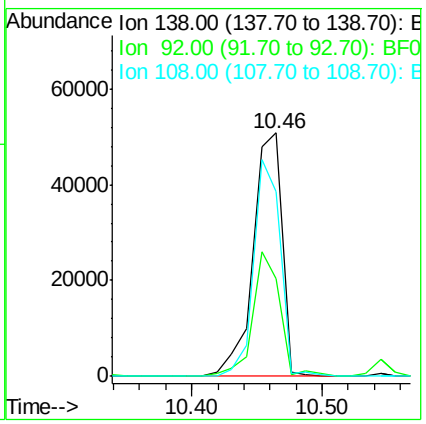


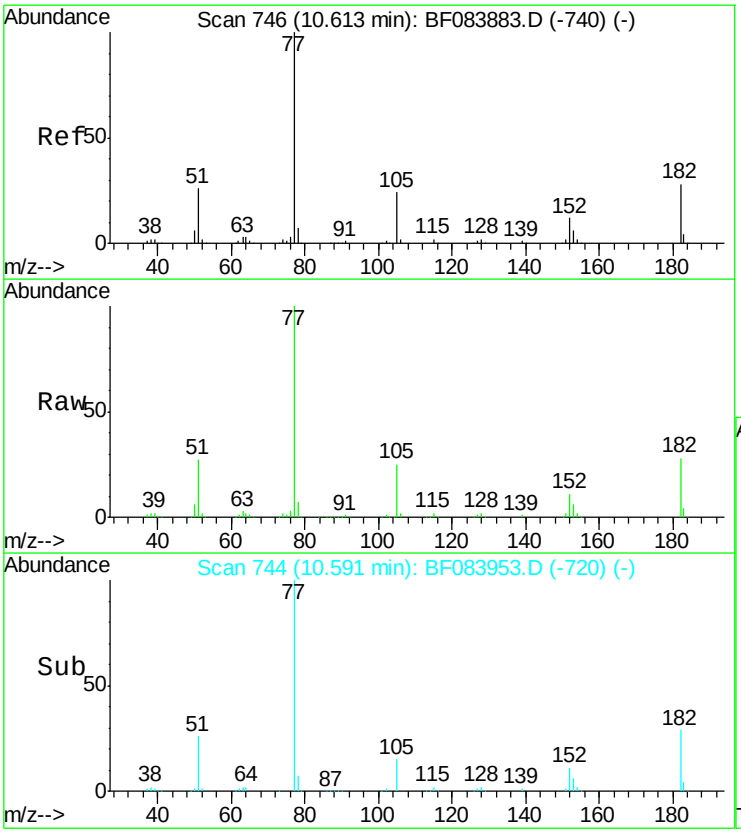

#61
4-Nitroaniline
Concen: 35.49 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:138 Resp: 79101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 40.0 | 32.6 | 72.6 |
| 108 | 75.7 | 68.6 | 108.6 |

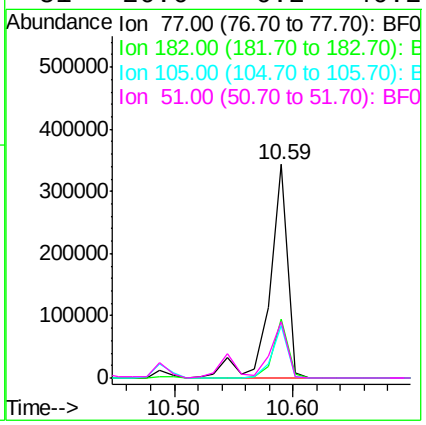


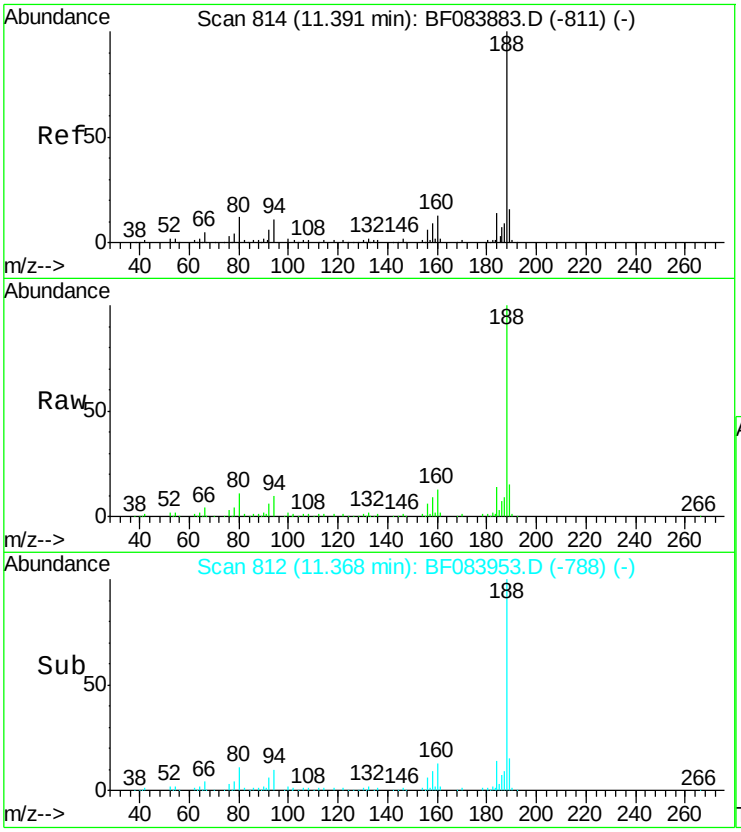




#62
Azobenzene
Concen: 44.52 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 77 Resp: 361473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.5 | 8.3 | 48.3 |
| 105 | 24.8 | 4.6 | 44.6 |
| 51 | 26.6 | 6.2 | 46.2 |



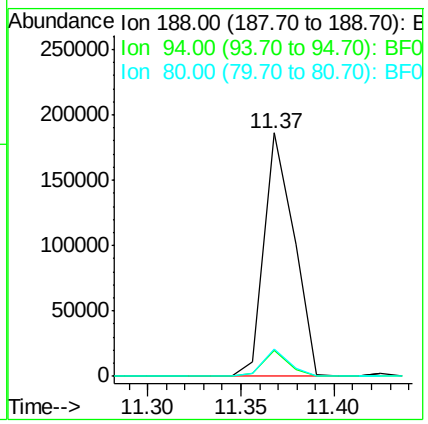


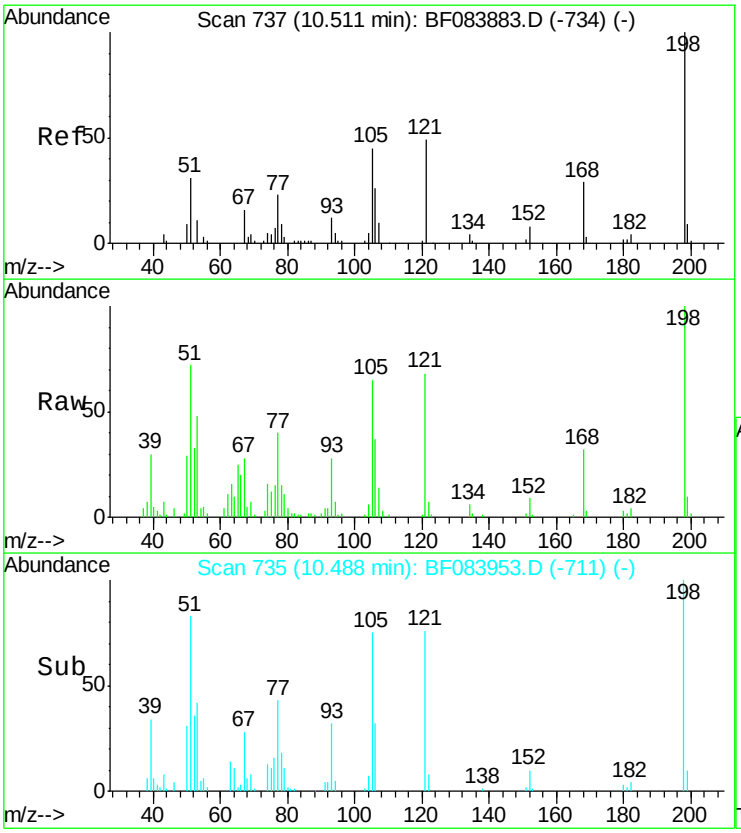

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:188 Resp: 206234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 9.0 | 13.4 |
| 80 | 11.2 | 9.6 | 14.4 |

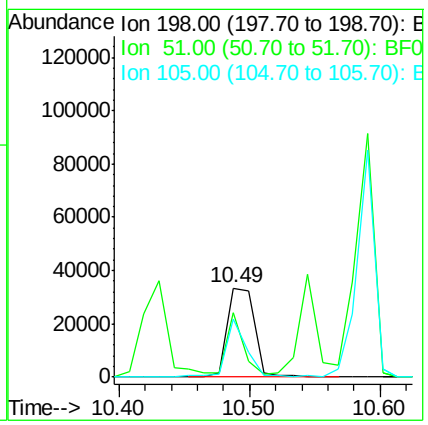


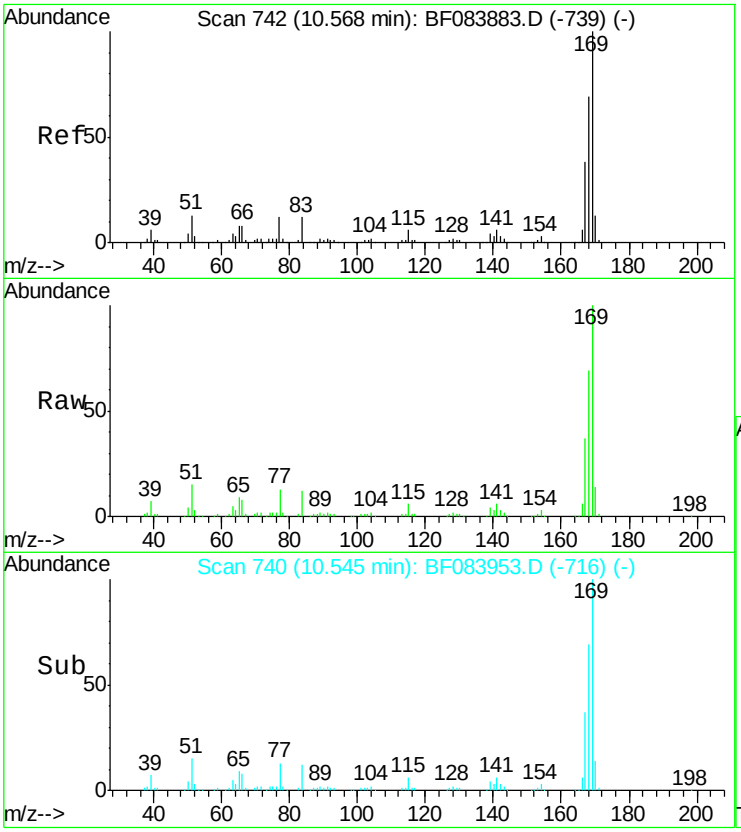




#64
4,6-Dinitro-2-methylphenol
Concen: 38.99 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:198 Resp: 48393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 72.1 | 18.9 | 58.9# |
| 105 | 65.3 | 26.4 | 66.4 |



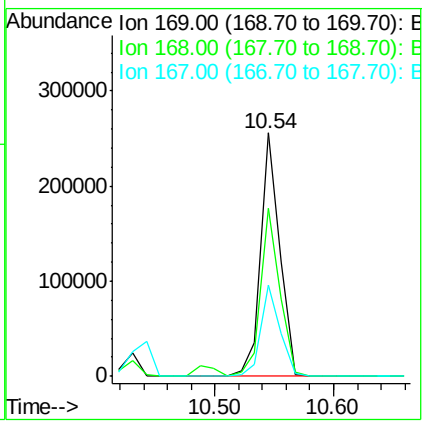


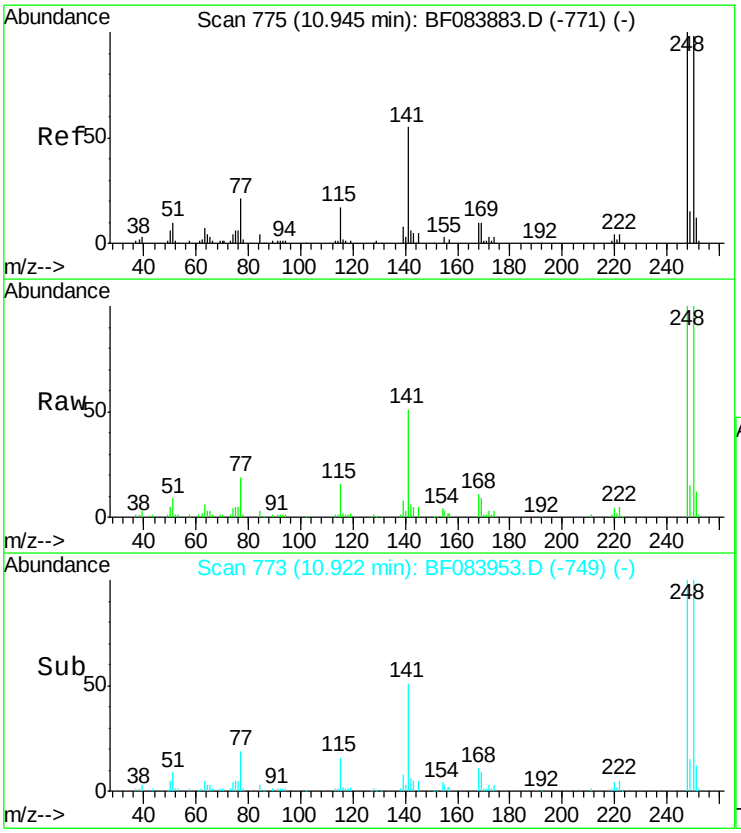

#65
n-Nitrosodiphenylamine
Concen: 38.50 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:169 Resp: 288909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.9 | 55.1 | 82.7 |
| 167 | 37.4 | 30.0 | 45.0 |

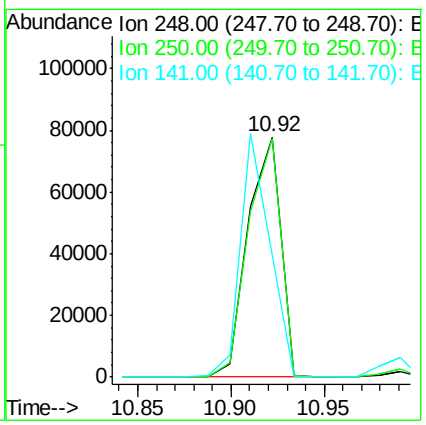


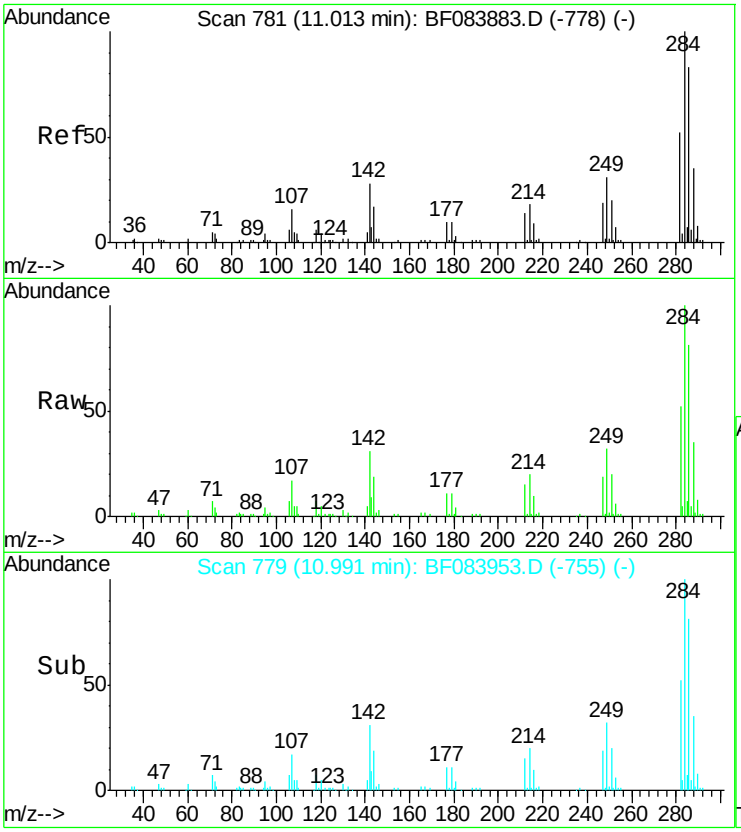




#66
4-Bromophenyl-phenylether
Concen: 37.49 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:248 Resp: 94522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.6 | 78.4 | 117.6 |
| 141 | 50.9 | 44.0 | 66.0 |



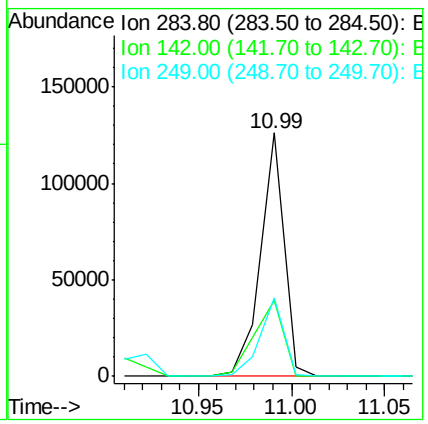


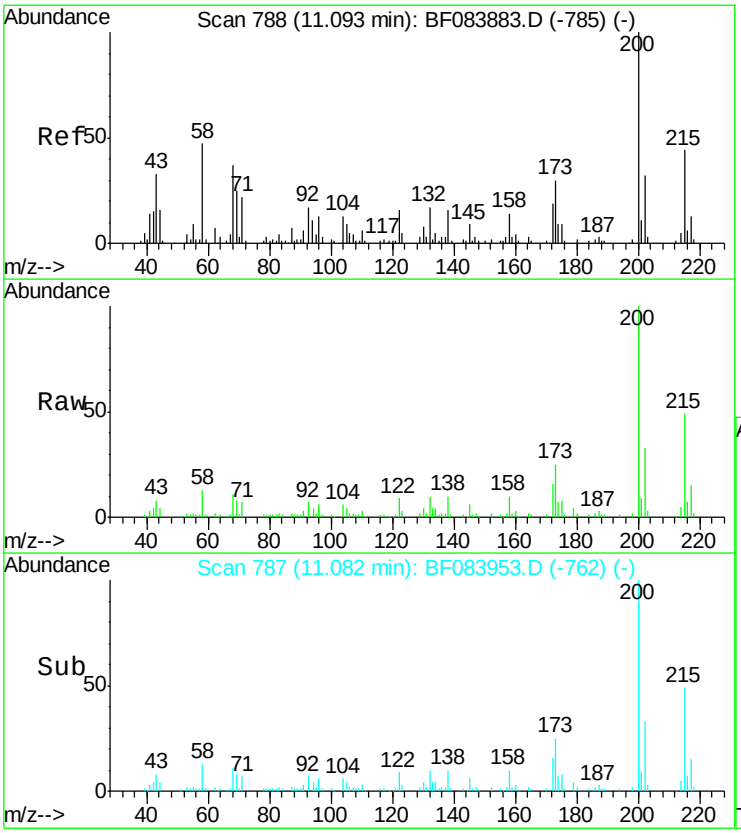

#67
Hexachlorobenzene
Concen: 41.39 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:284 Resp: 109881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.3 | 22.2 | 33.4 |
| 249 | 32.3 | 24.6 | 37.0 |

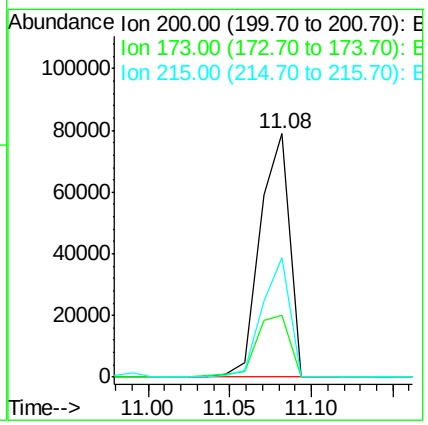


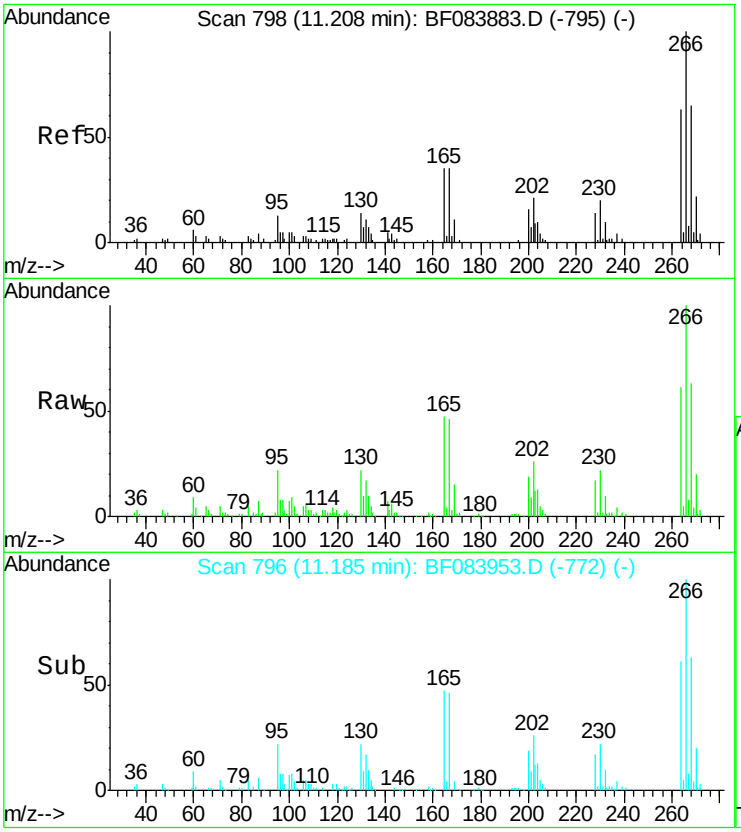




#68
Atrazine
Concen: 41.66 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:200 Resp: 99037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.2 | 9.5 | 49.5 |
| 215 | 49.3 | 23.8 | 63.8 |



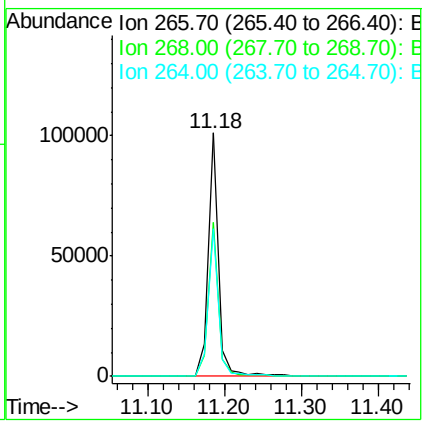


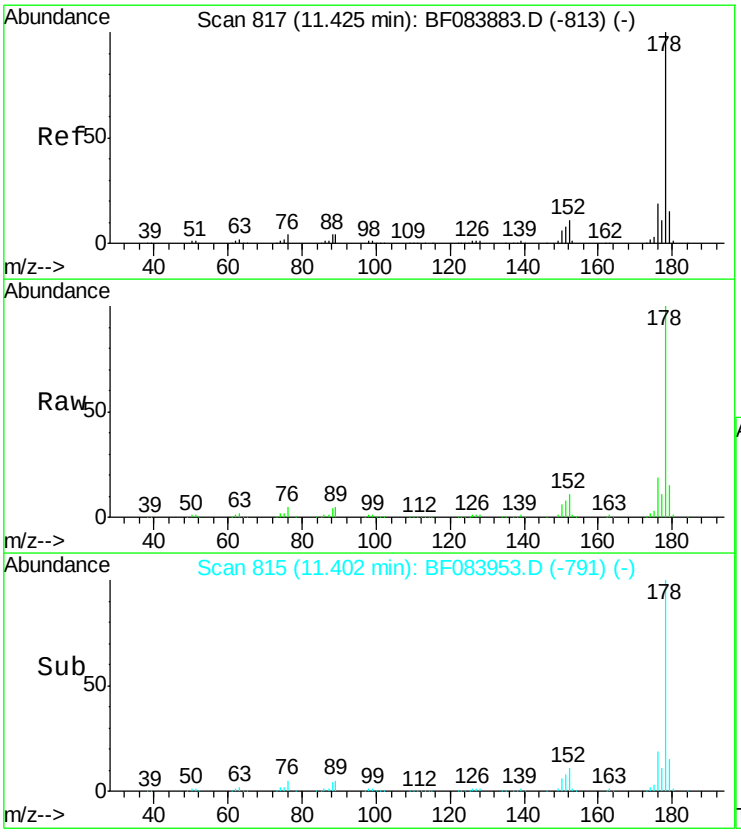

#69
Pentachlorophenol
Concen: 81.95 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:266 Resp: 92461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.4 | 52.4 | 78.6 |
| 264 | 60.8 | 50.2 | 75.2 |

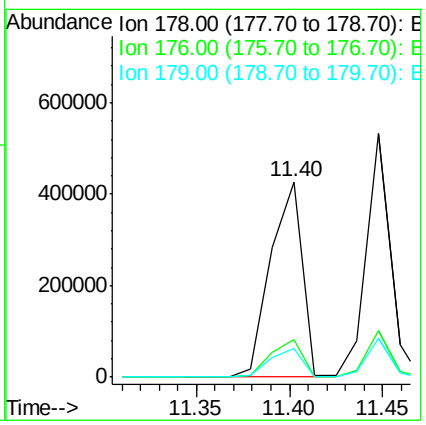


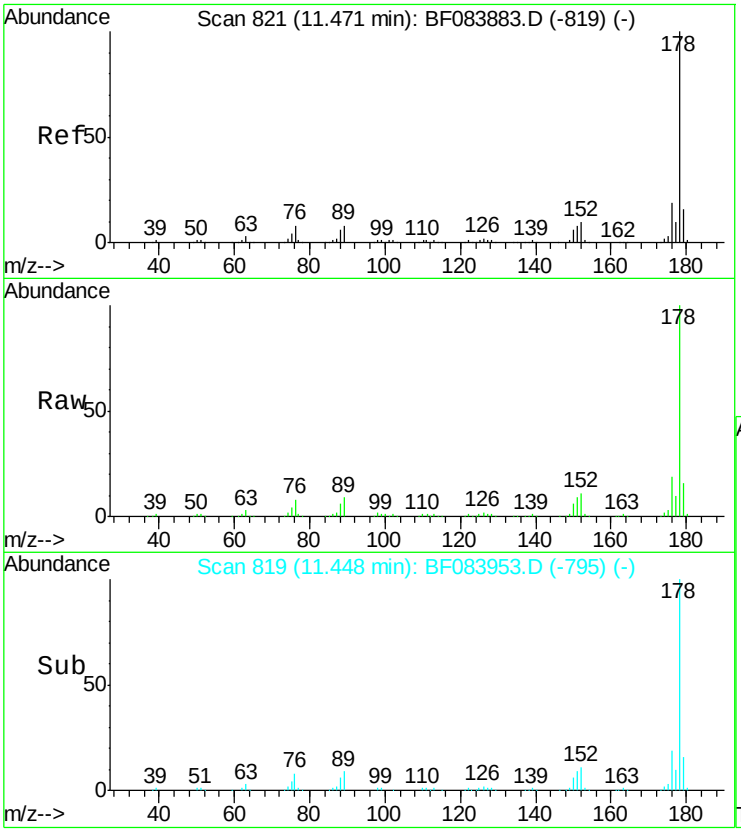




#70
Phenanthrene
Concen: 40.60 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:178 Resp: 505910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.3 | 22.9 |
| 179 | 14.9 | 12.0 | 18.0 |



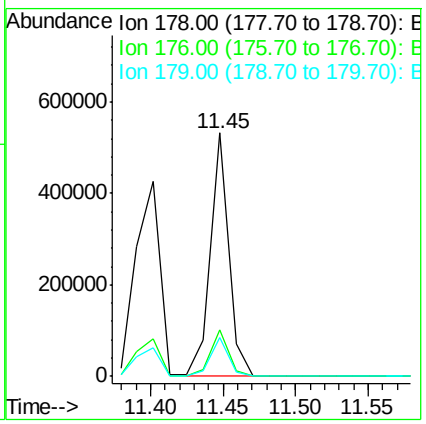


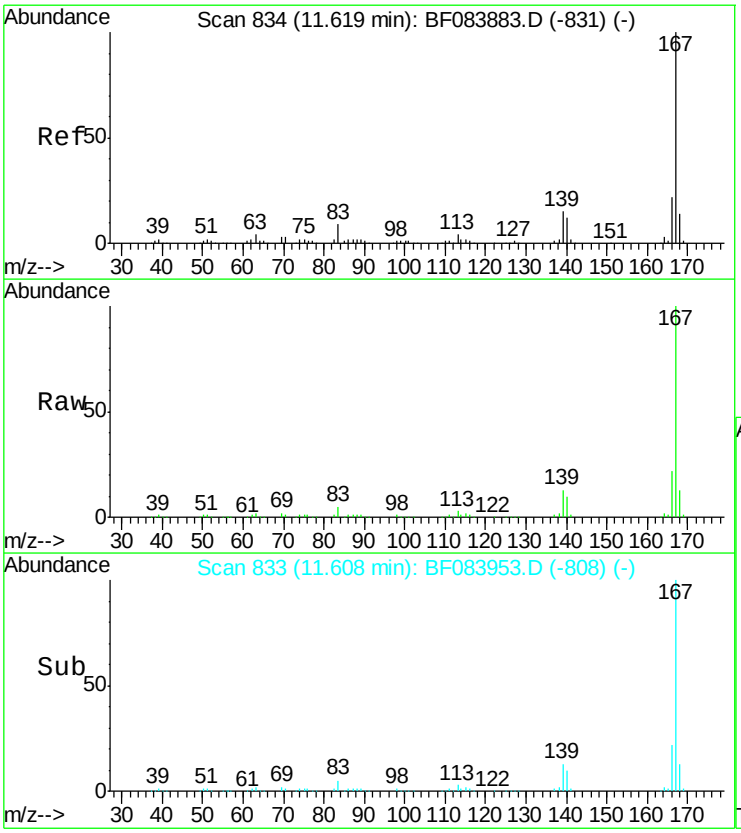

#71
Anthracene
Concen: 39.11 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:178 Resp: 471016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.4 | 23.0 |
| 179 | 15.8 | 12.5 | 18.7 |

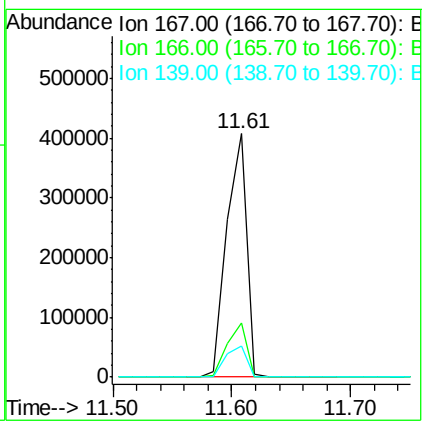


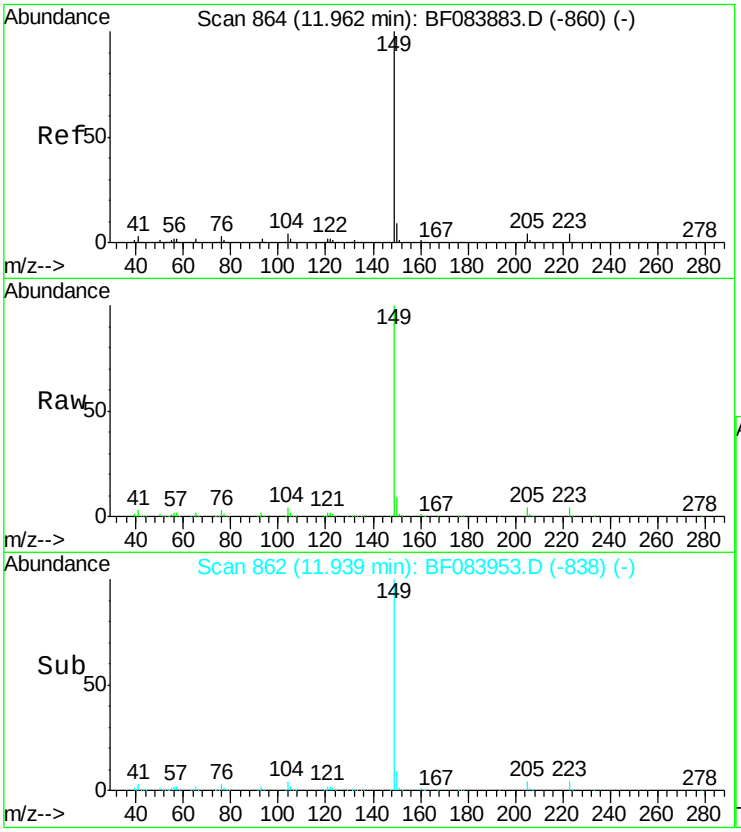




#72
Carbazole
Concen: 39.75 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:167 Resp: 473055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.1 | 17.6 | 26.4 |
| 139 | 12.9 | 11.8 | 17.8 |



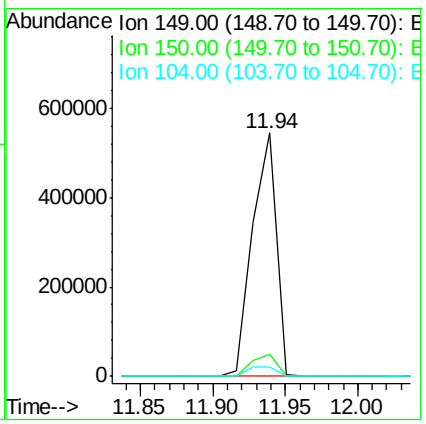


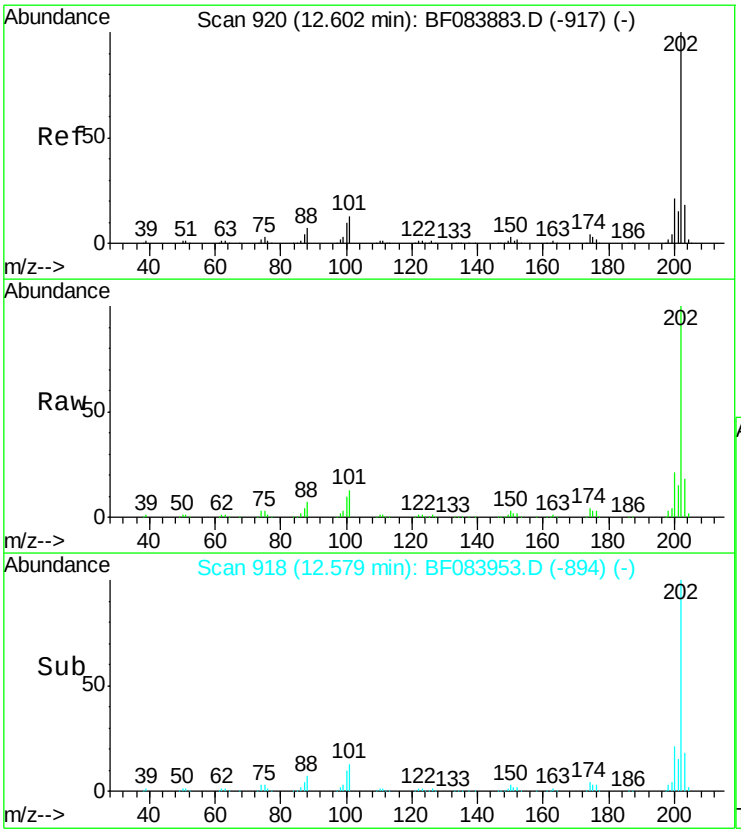

#73
Di-n-butylphthalate
Concen: 44.39 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:149 Resp: 620707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.1 | 10.7 |
| 104 | 4.1 | 3.2 | 4.8 |

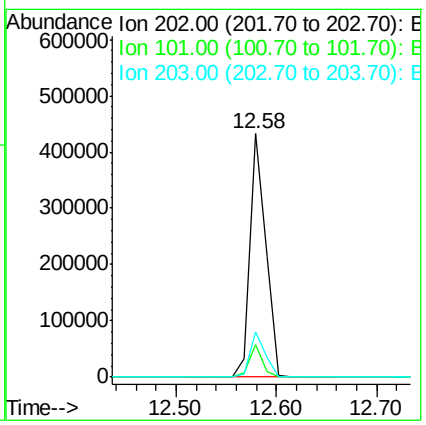


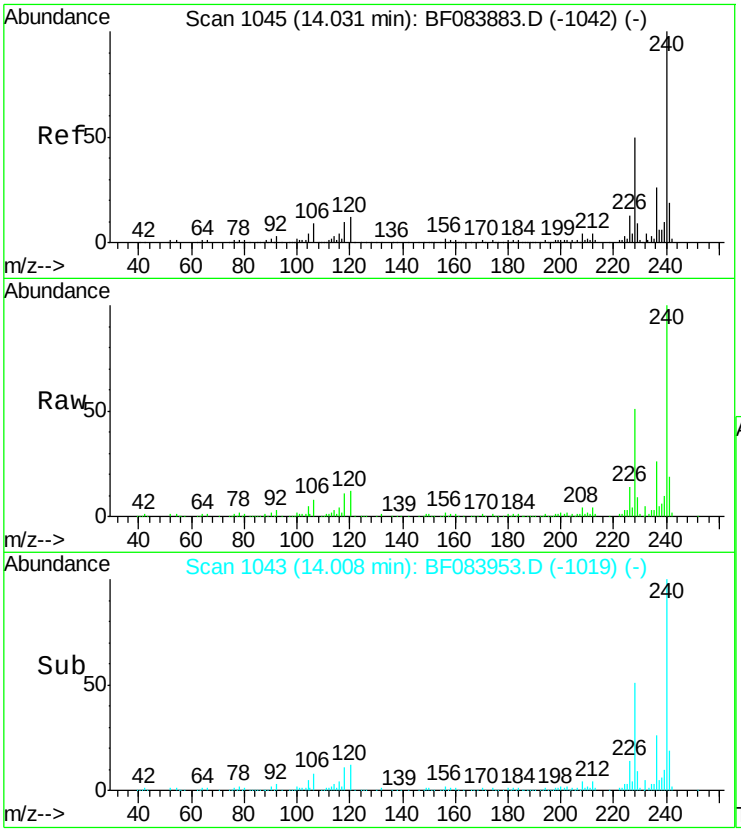




#74
Fluoranthene
Concen: 37.90 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:202 Resp: 471219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.5 | 0.0 | 32.8 |
| 203 | 18.4 | 0.0 | 37.9 |



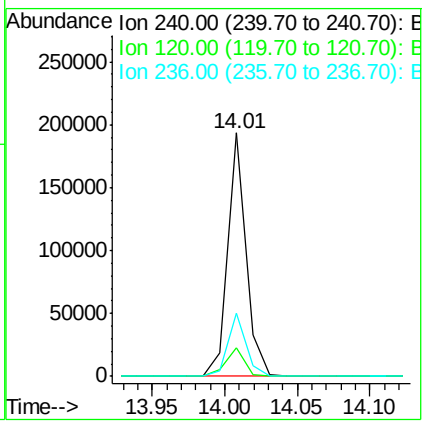


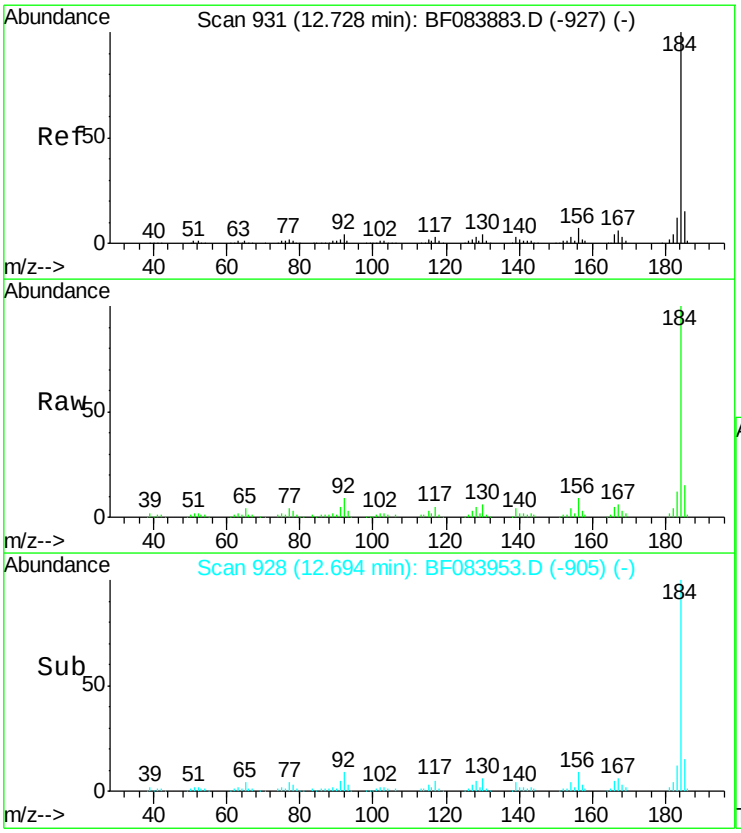

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:240 Resp: 169462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.7 | 9.5 | 14.3 |
| 236 | 26.1 | 20.6 | 31.0 |

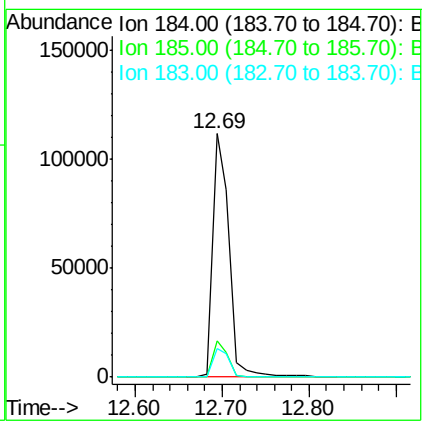


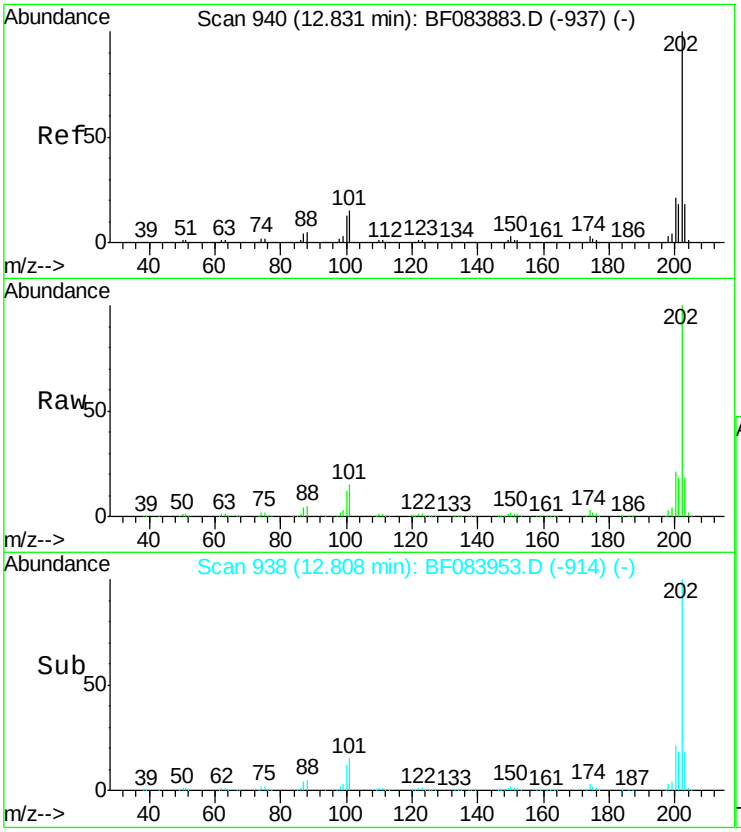




#76
Benzidine
Concen: 21.77 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:184 Resp: 147742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.6 | 12.2 | 18.2 |
| 183 | 11.9 | 9.8 | 14.8 |



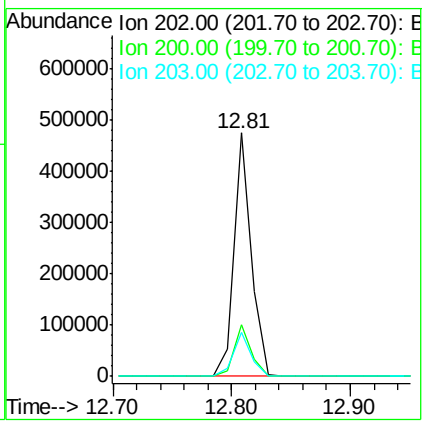


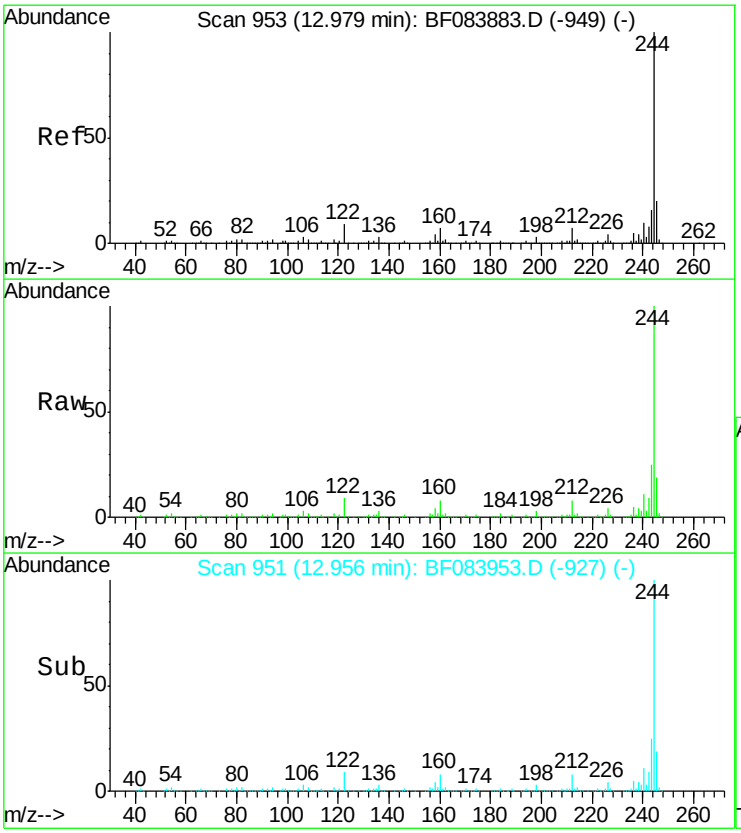

#77
Pyrene
Concen: 44.55 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:202 Resp: 480510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.2 | 25.8 |
| 203 | 18.2 | 14.3 | 21.5 |

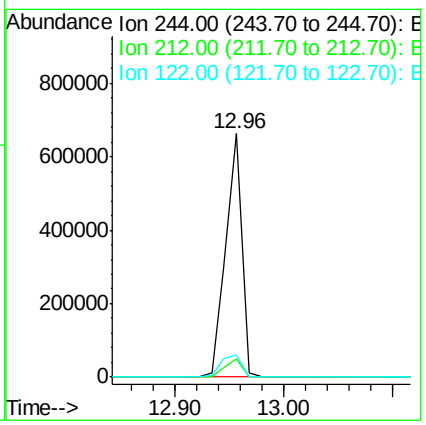


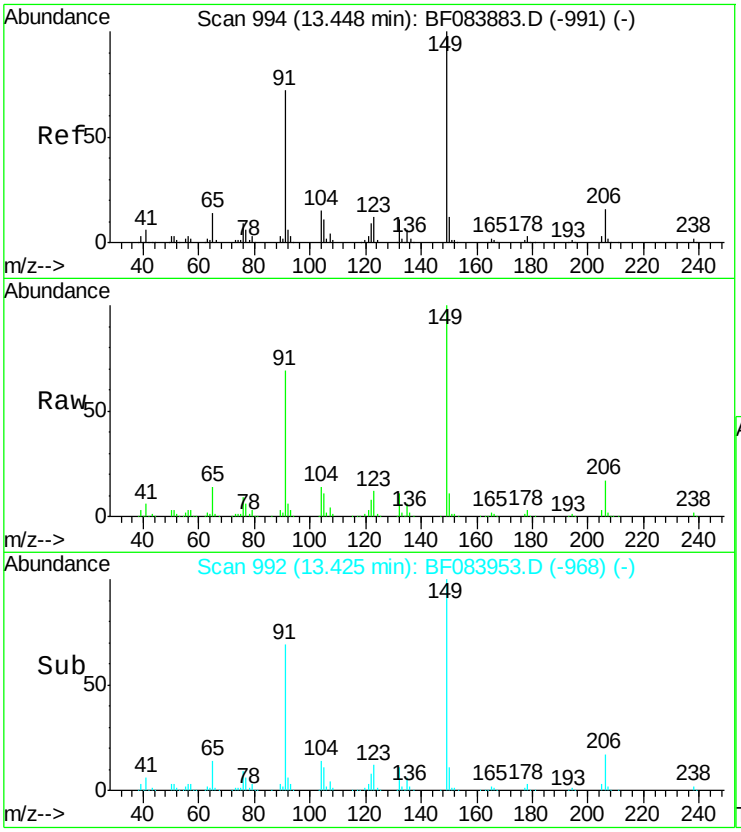




#78
Terphenyl-d14
Concen: 94.10 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:244 Resp: 677184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.7 | 8.5 |
| 122 | 9.3 | 7.4 | 11.0 |



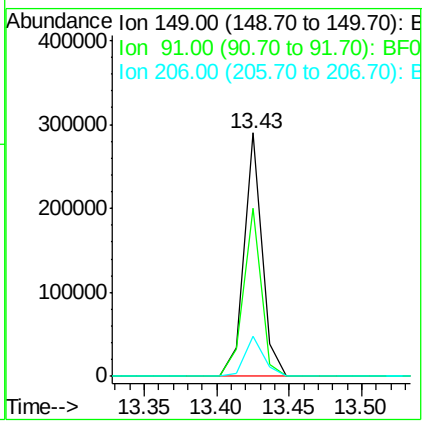


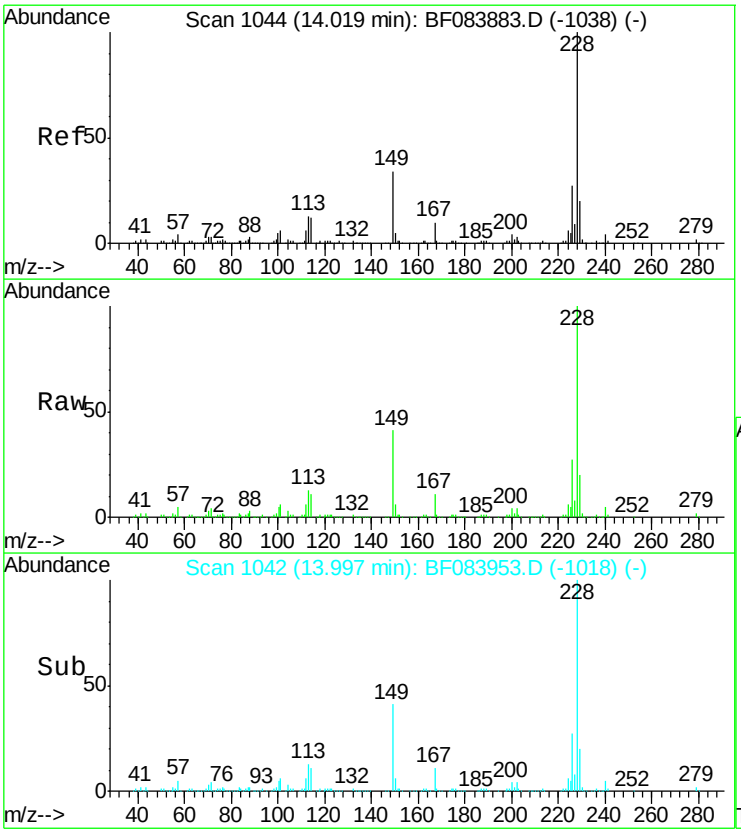

#79
Butylbenzylphthalate
Concen: 44.12 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:149 Resp: 248876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.9 | 57.6 | 86.4 |
| 206 | 16.5 | 13.2 | 19.8 |

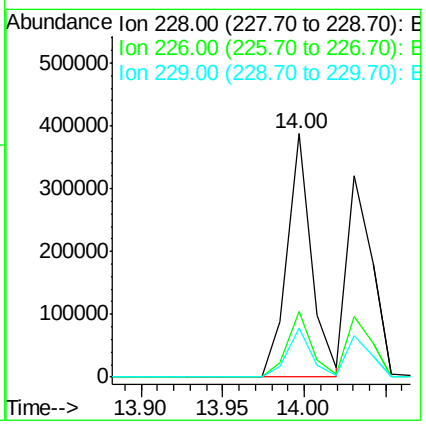


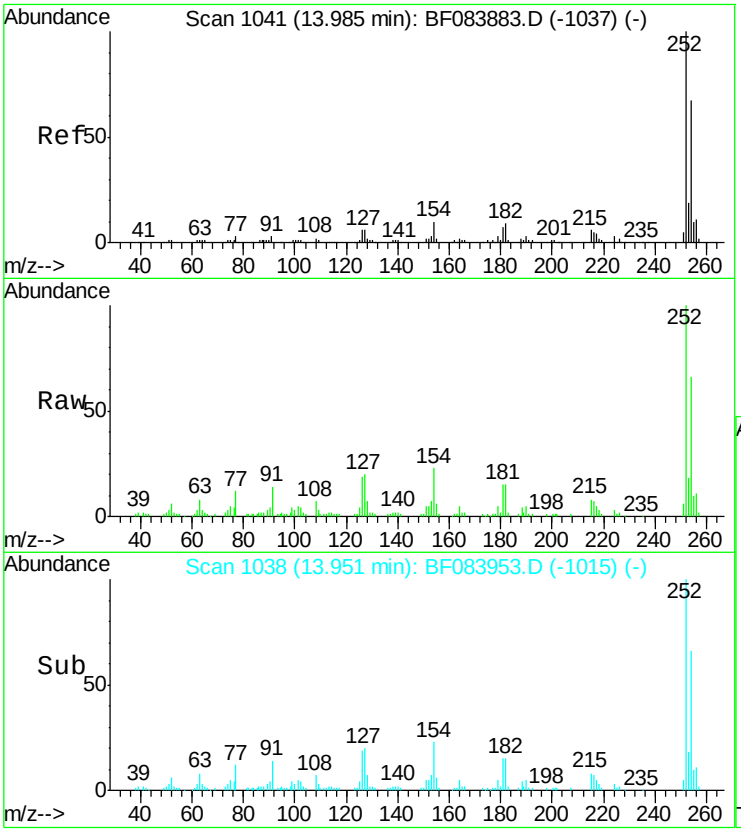




#80
Benzo(a)anthracene
Concen: 38.92 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:228 Resp: 405528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 21.8 | 32.6 |
| 229 | 20.0 | 15.8 | 23.8 |



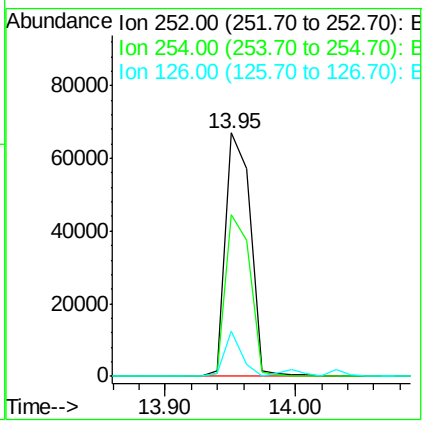


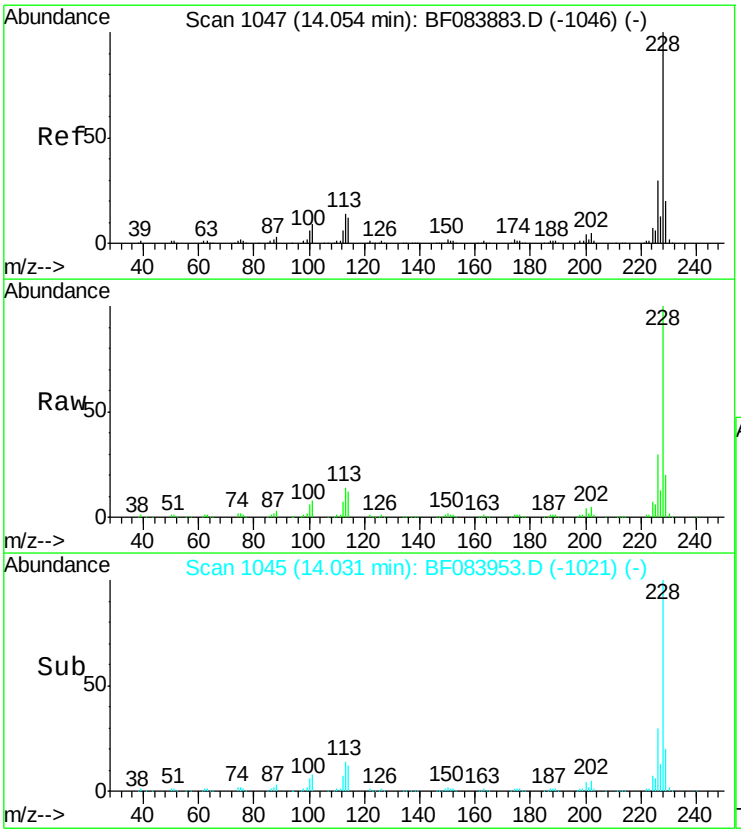

#81
3,3'-Dichlorobenzidine
Concen: 22.65 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:252 Resp: 88217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.5 | 53.5 | 80.3 |
| 126 | 18.8 | 4.9 | 7.3# |

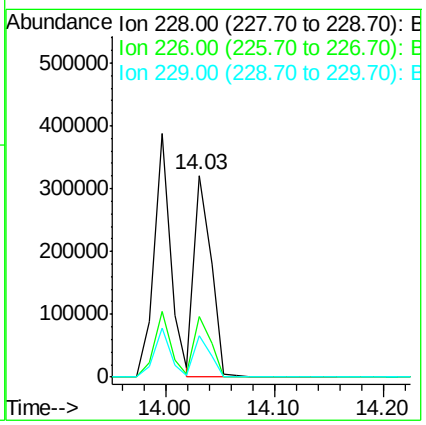


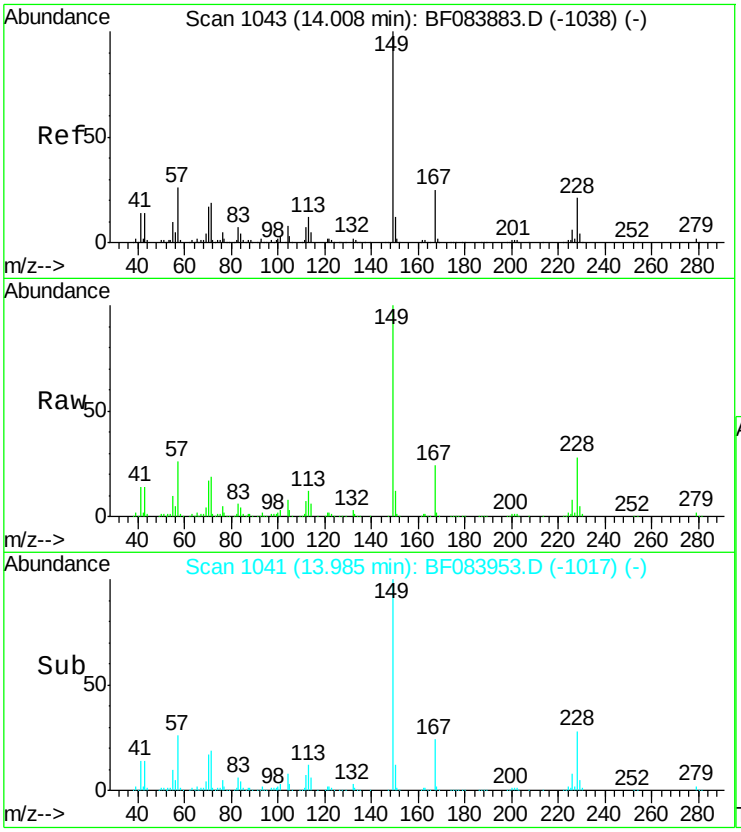




#82
Chrysene
Concen: 34.92 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:228 Resp: 351509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.3 | 36.5 |
| 229 | 20.3 | 16.1 | 24.1 |



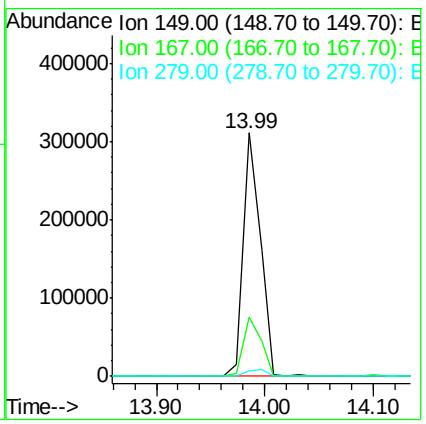


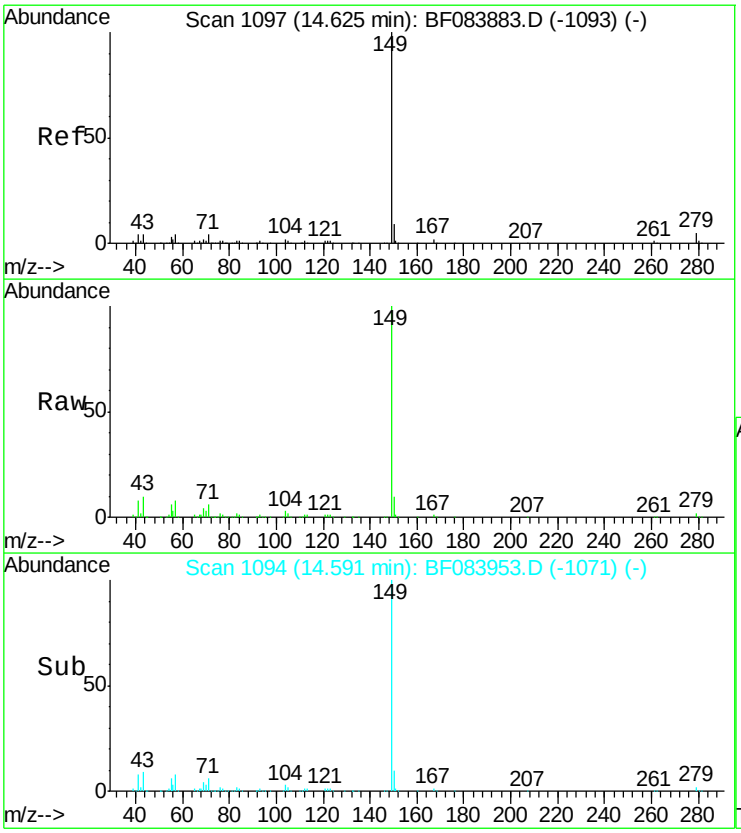

#83
Bis(2-ethylhexyl)phthalate
Concen: 44.83 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:149 Resp: 337660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.4 | 19.7 | 29.5 |
| 279 | 2.3 | 1.8 | 2.6 |

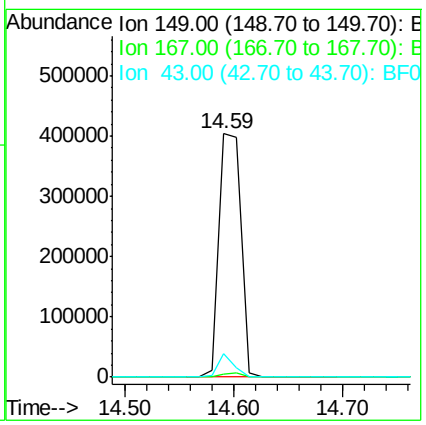


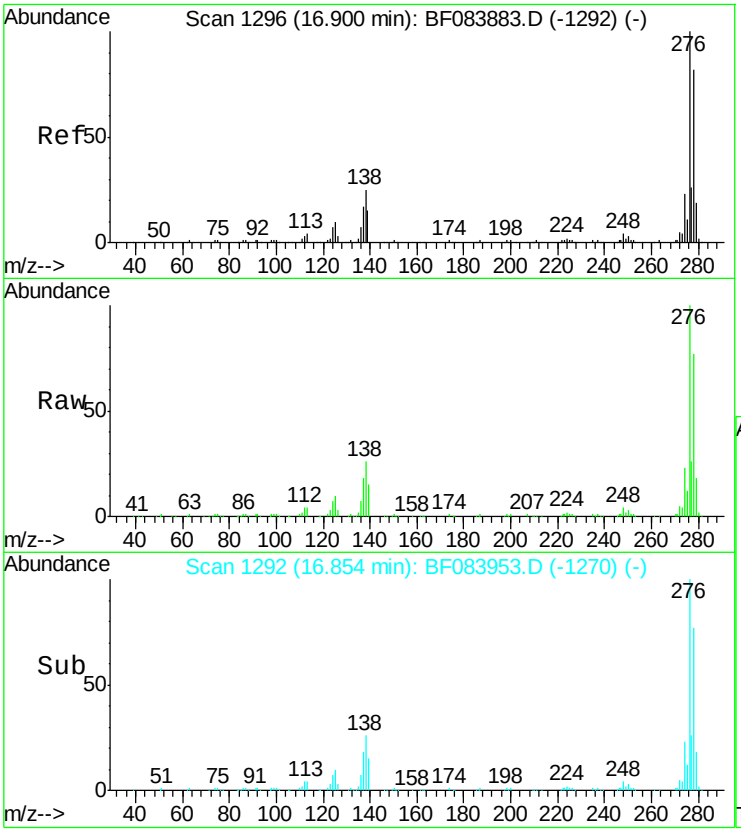




#84
Di-n-octyl phthalate
Concen: 47.89 ng
RT: 14.59 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:149 Resp: 564482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 6.9 | 5.6 | 8.4 |



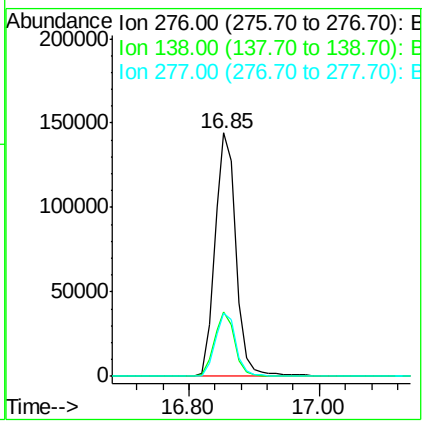


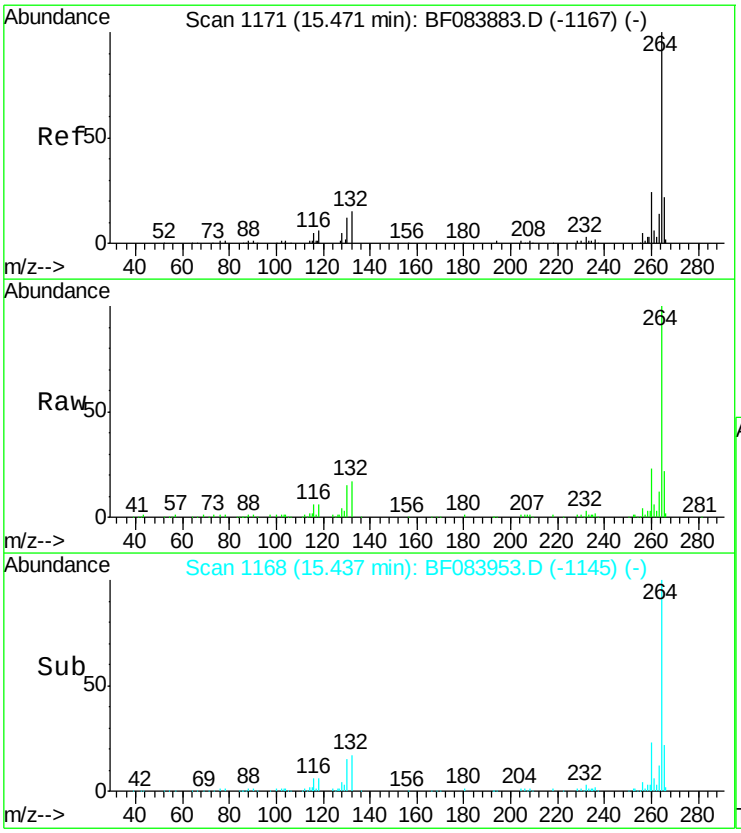

#85
Indeno(1,2,3-cd)pyrene
Concen: 43.21 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:276 Resp: 325222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.7 | 20.6 | 30.8 |
| 277 | 25.5 | 20.1 | 30.1 |

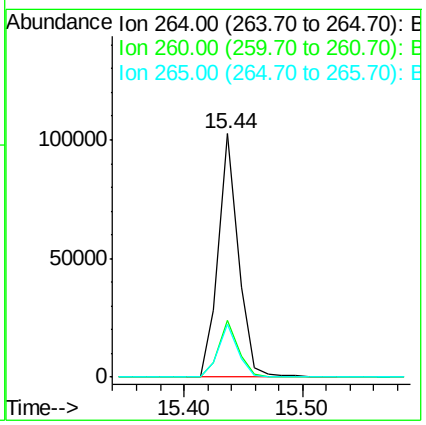


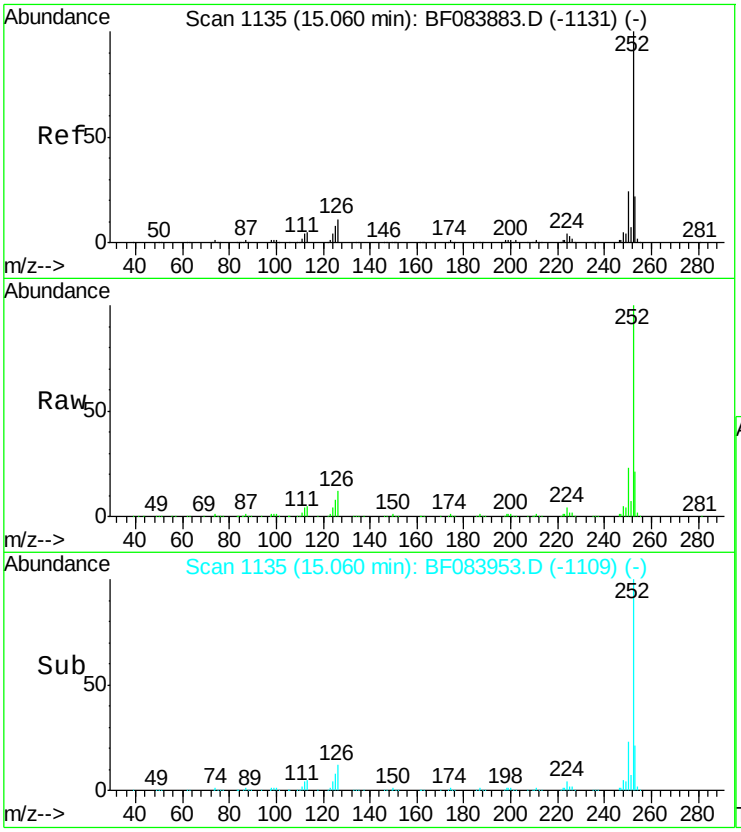




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:264 Resp: 120408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.4 | 29.2 |
| 265 | 21.6 | 17.8 | 26.6 |



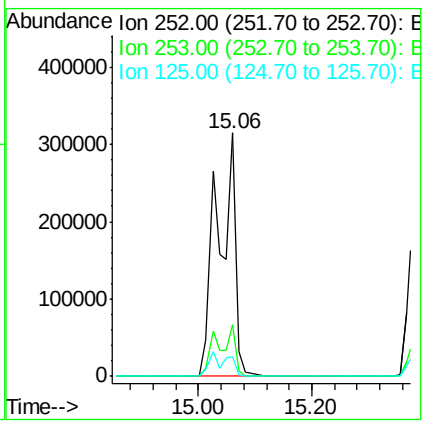


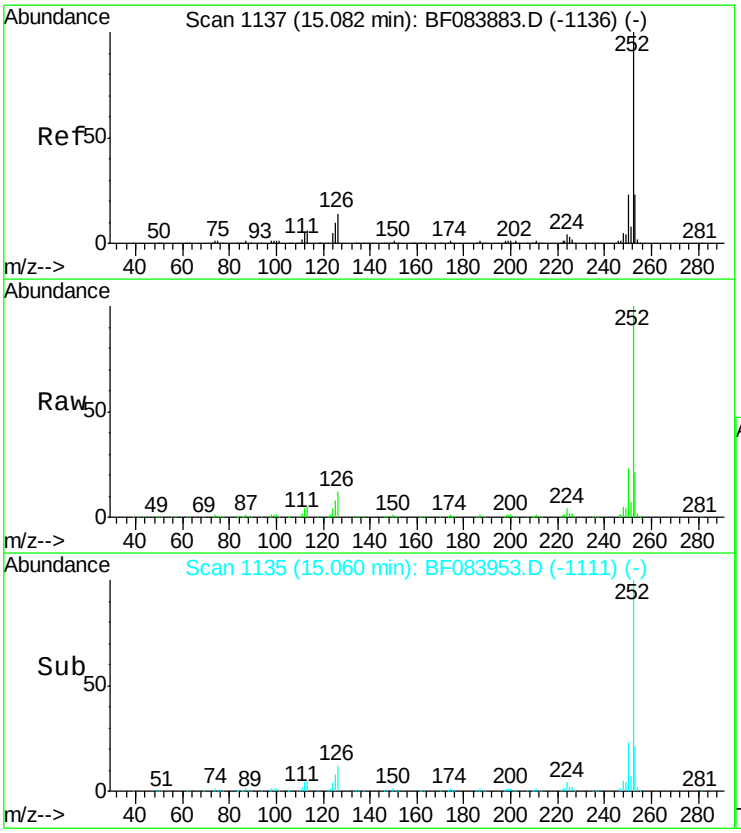

#87
Benzo(b)fluoranthene
Concen: 77.10 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:252 Resp: 676812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 17.3 | 25.9 |
| 125 | 7.9 | 6.5 | 9.7 |

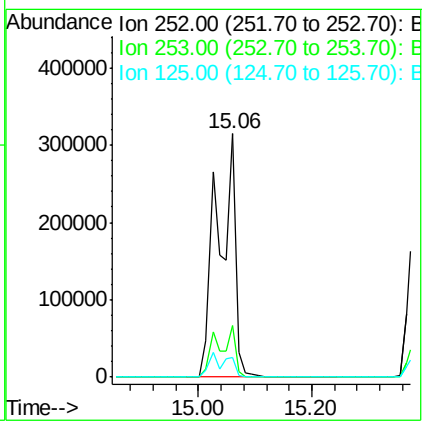


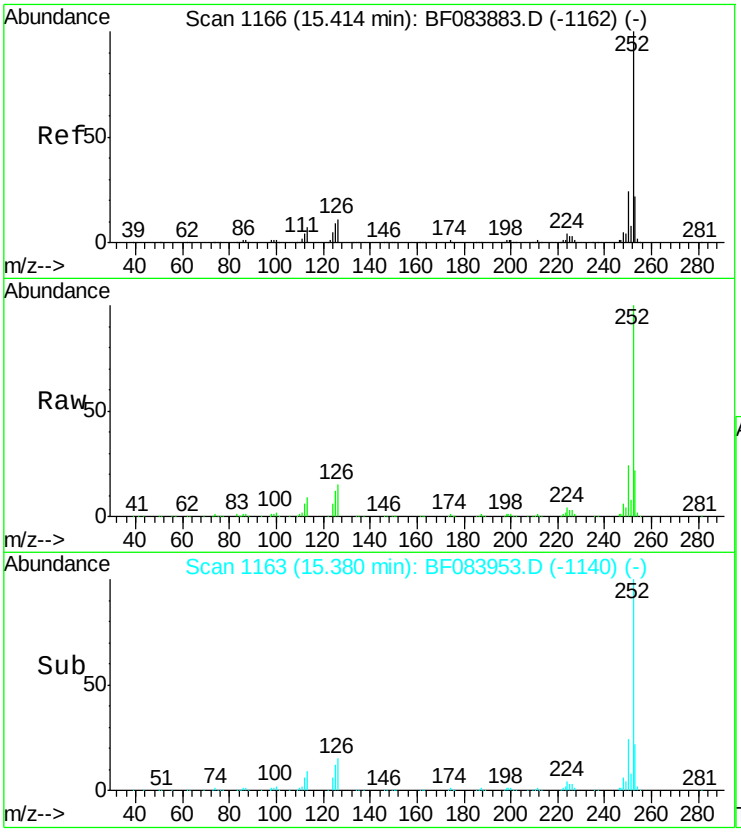




#88
Benzo(k)fluoranthene
Concen: 93.46 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:252 Resp: 676812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 18.1 | 27.1 |
| 125 | 7.9 | 9.0 | 13.6# |



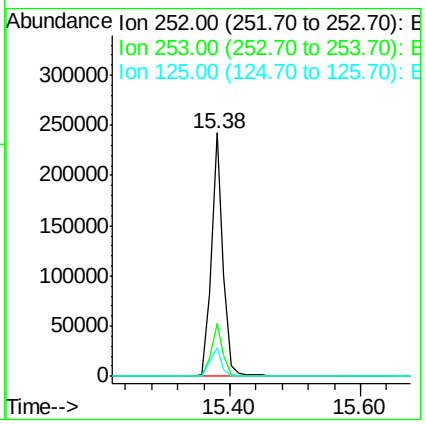


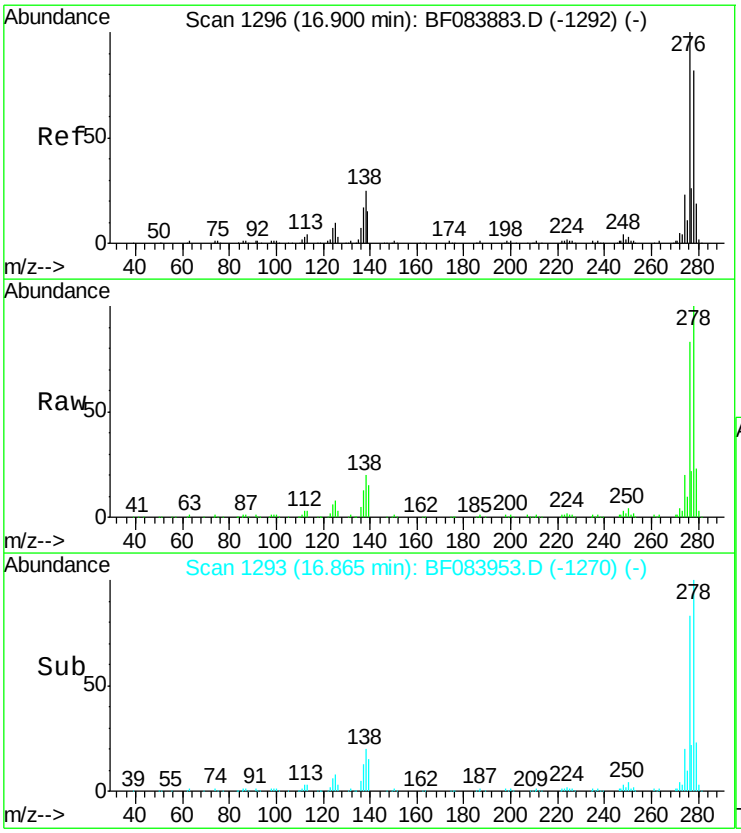

#89
Benzo(a)pyrene
Concen: 42.33 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:252 Resp: 306880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.3 | 25.9 |
| 125 | 11.8 | 7.0 | 10.4# |

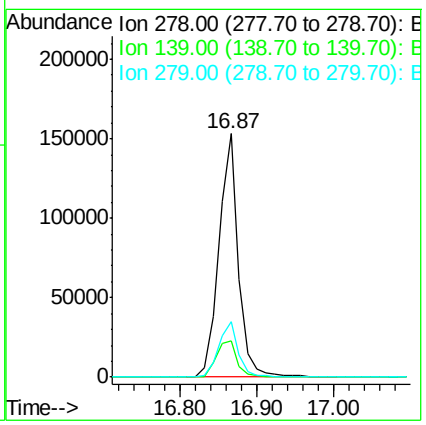


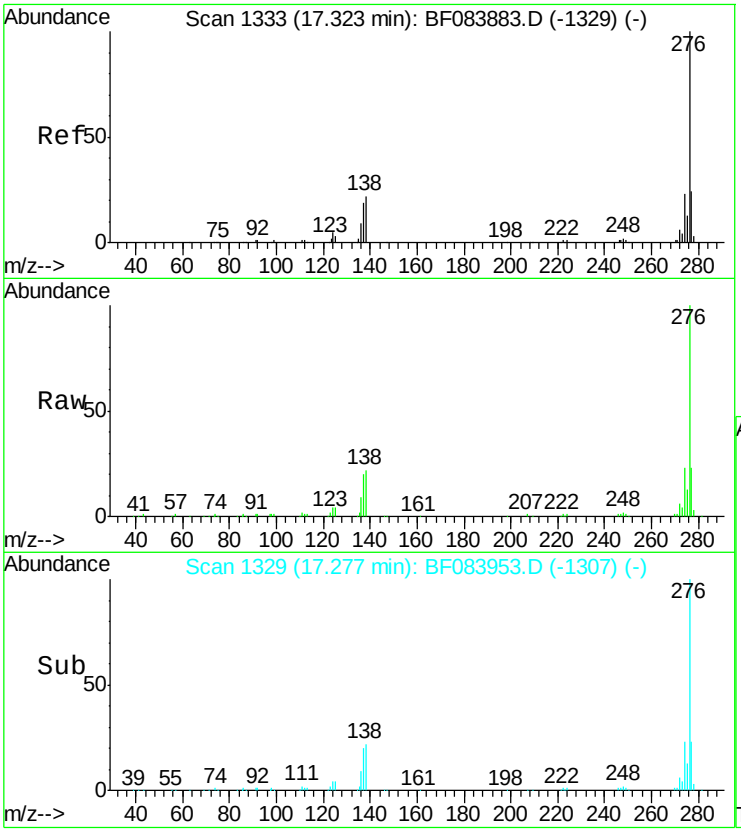




#90
Dibenzo(a,h)anthracene
Concen: 48.55 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:278 Resp: 273814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.8 | 15.0 | 22.4# |
| 279 | 22.7 | 18.9 | 28.3 |






#91
Benzo(g,h,i)perylene
Concen: 49.19 ng
RT: 17.28 min Scan# 1329
Delta R.T. -0.05 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB87185BS

Tgt Ion:276 Resp: 271873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.7 | 18.8 | 28.2 |
| 138 | 21.8 | 17.8 | 26.6 |