Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083365.D
Acq On : 1 Dec 2015 6:47
Operator : UM/IZ
Sample : PB86904BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB86904BS

Quant Time: Dec 01 07:27:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.54 | 152 | 161845 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.84 | 136 | 627466 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.58 | 164 | 323508 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.13 | 188 | 626909 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.75 | 240 | 563670 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 16.82 | 264 | 418071 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.14 | 112 | 810655 | 75.16 | ng | | 0.01 |
| 7) Phenol-d6 | 6.21 | 99 | 1069536 | 72.45 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.13 | 82 | 1025805 | 71.87 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.37 | 330 | 233779 | 71.99 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 8.92 | 172 | 1653150 | 72.82 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.22 | 244 | 1701081 | 71.97 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.02 | 88 | 155280 | 26.59 | ng | # | 91 |
| 3) Pyridine | 2.62 | 79 | 480080 | 32.86 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.58 | 42 | 245866 | 34.19 | ng | | 98 |
| 6) Aniline | 6.21 | 93 | 411249 | 20.36 | ng | | 96 |
| 8) 2-Chlorophenol | 6.34 | 128 | 439505 | 36.94 | ng | | 99 |
| 9) Benzaldehyde | 6.09 | 77 | 228978 | 30.52 | ng | | 98 |
| 10) Phenol | 6.24 | 94 | 575836 | 32.42 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.29 | 93 | 473911 | 36.68 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.49 | 146 | 469481 | 35.50 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.57 | 146 | 486215 | 35.57 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 6.57 | 146 | 486215 | 38.77 | ng | | 96 |
| 15) Benzyl Alcohol | 6.72 | 79 | 428328 | 37.54 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.84 | 45 | 820885 | 36.21 | ng | # | 42 |
| 17) 2-Methylphenol | 6.84 | 107 | 375120 | 37.83 | ng | | 99 |
| 18) Hexachloroethane | 7.06 | 117 | 164168 | 34.58 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 6.98 | 70 | 347925 | 32.97 | ng | | 90 |
| 20) 3+4-Methylphenols | 7.00 | 107 | 498039 | 37.08 | ng | | 99 |
| 22) Acetophenone | 6.97 | 105 | 634485 | 33.80 | ng | # | 92 |
| 24) Nitrobenzene | 7.14 | 77 | 504337 | 33.09 | ng | # | 87 |
| 25) Isophorone | 7.39 | 82 | 963715 | 34.86 | ng | | 98 |
| 26) 2-Nitrophenol | 7.46 | 139 | 213107 | 34.25 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.53 | 122 | 387261 | 37.13 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.61 | 93 | 573902 | 36.45 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.71 | 162 | 371509 | 37.03 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.78 | 180 | 370187 | 33.90 | ng | # | 96 |
| 31) Naphthalene | 7.86 | 128 | 1206535 | 35.44 | ng | | 99 |
| 32) Benzoic acid | 7.68 | 122 | 256859 | 35.70 | ng | | 98 |
| 33) 4-Chloroaniline | 7.93 | 127 | 180982 | 12.33 | ng | | 98 |
| 34) Hexachlorobutadiene | 7.98 | 225 | 213505 | 34.44 | ng | | 99 |
| 35) Caprolactam | 8.30 | 113 | 87166 | 27.50 | ng | # | 69 |
| 36) 4-Chloro-3-methylphenol | 8.43 | 107 | 435061 | 38.67 | ng | | 91 |
| 37) 2-Methylnaphthalene | 8.54 | 142 | 773352 | 33.99 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.72 | 216 | 341335 | 33.28 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 8.70 | 237 | 345172 | 70.86 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083365.D
Acq On : 1 Dec 2015 6:47
Operator : UM/IZ
Sample : PB86904BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB86904BS

Quant Time: Dec 01 07:27:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

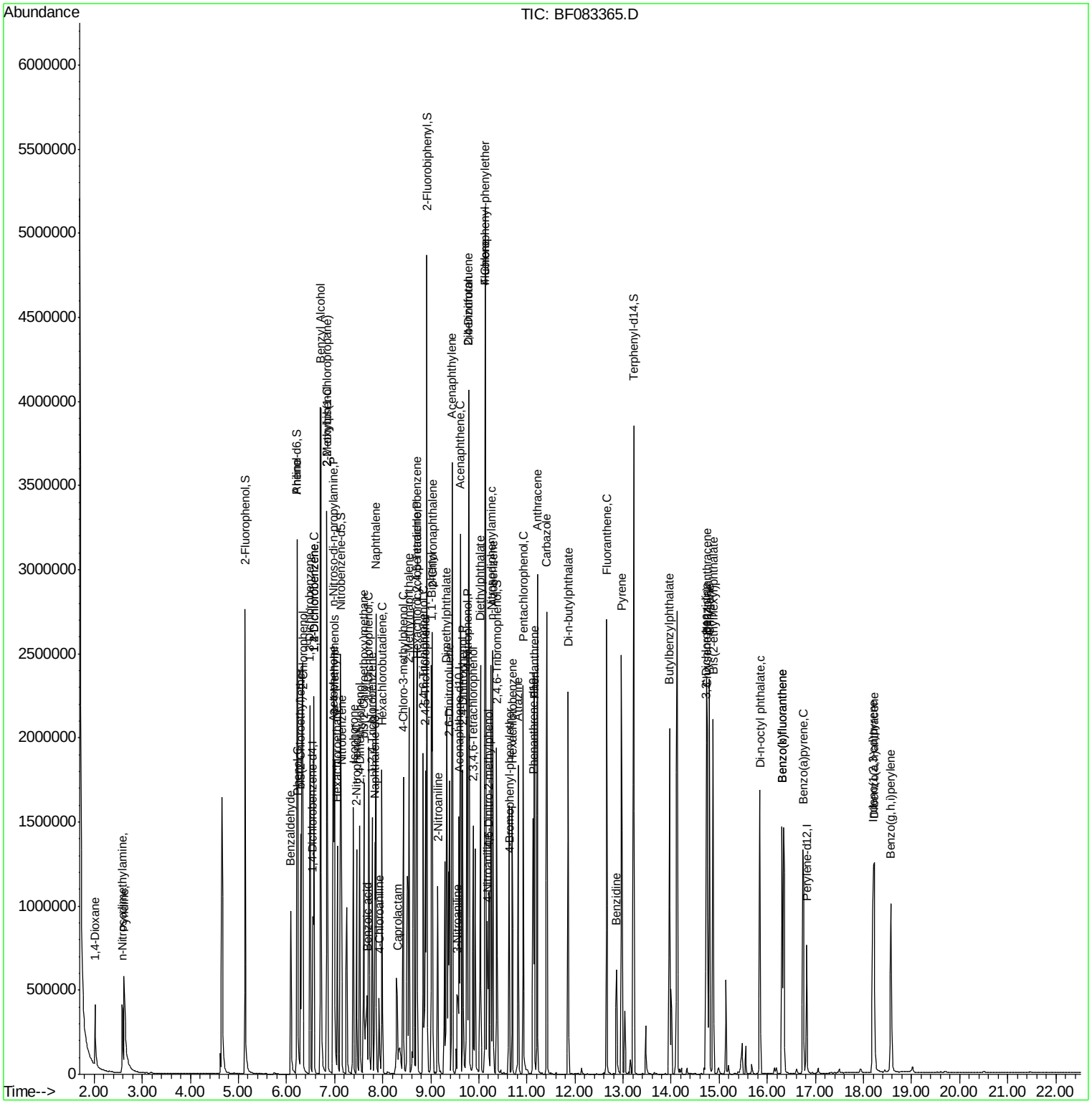
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.84 | 196 | 265115 | 36.86 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 8.89 | 196 | 288187 | 38.67 | ng | | 100 |
| 45) 1,1'-Biphenyl | 9.01 | 154 | 935648 | 32.98 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.04 | 162 | 792869 | 36.68 | ng | | 98 |
| 47) 2-Nitroaniline | 9.15 | 65 | 300374 | 35.08 | ng | | 91 |
| 48) Acenaphthylene | 9.45 | 152 | 1223121 | 35.47 | ng | | 99 |
| 49) Dimethylphthalate | 9.33 | 163 | 921615 | 35.05 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.39 | 165 | 213369 | 38.00 | ng | | 93 |
| 51) Acenaphthene | 9.62 | 154 | 721747 | 35.58 | ng | | 100 |
| 52) 3-Nitroaniline | 9.56 | 138 | 105213 | 15.99 | ng | | 82 |
| 53) 2,4-Dinitrophenol | 9.66 | 184 | 228316 | 67.32 | ng | | 93 |
| 54) Dibenzofuran | 9.79 | 168 | 1062173 | 35.74 | ng | | 98 |
| 55) 4-Nitrophenol | 9.76 | 139 | 316679 | 76.93 | ng | # | 66 |
| 56) 2,4-Dinitrotoluene | 9.79 | 165 | 261908 | 36.76 | ng | | 97 |
| 57) Fluorene | 10.13 | 166 | 862532 | 36.75 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.88 | 232 | 228428 | 37.99 | ng | | 92 |
| 59) Diethylphthalate | 10.03 | 149 | 918785 | 36.66 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.13 | 204 | 411777 | 38.18 | ng | | 98 |
| 61) 4-Nitroaniline | 10.18 | 138 | 208245 | 31.63 | ng | | 92 |
| 62) Azobenzene | 10.29 | 77 | 1195204 | 39.48 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.20 | 198 | 166374 | 39.53 | ng | | 84 |
| 65) n-Nitrosodiphenylamine | 10.26 | 169 | 806163 | 36.59 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.64 | 248 | 250097 | 36.47 | ng | | 94 |
| 67) Hexachlorobenzene | 10.69 | 284 | 272754 | 35.97 | ng | # | 70 |
| 68) Atrazine | 10.82 | 200 | 252556 | 41.45 | ng | | 98 |
| 69) Pentachlorophenol | 10.92 | 266 | 300847 | 75.74 | ng | | 98 |
| 70) Phenanthrene | 11.16 | 178 | 1358838 | 36.63 | ng | | 100 |
| 71) Anthracene | 11.22 | 178 | 1425962 | 38.18 | ng | | 100 |
| 72) Carbazole | 11.41 | 167 | 1277227 | 38.06 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.86 | 149 | 1515556 | 38.11 | ng | | 100 |
| 74) Fluoranthene | 12.66 | 202 | 1396879 | 36.32 | ng | | 98 |
| 76) Benzidine | 12.87 | 184 | 370129 | 22.05 | ng | | 98 |
| 77) Pyrene | 12.97 | 202 | 1474665 | 37.46 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.96 | 149 | 635976 | 38.08 | ng | | 96 |
| 80) Benzo(a)anthracene | 14.74 | 228 | 1218488 | 35.28 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.73 | 252 | 227121 | 21.06 | ng | | 99 |
| 82) Chrysene | 14.80 | 228 | 1119171 | 33.54 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.88 | 149 | 880391 | 39.30 | ng | | 100 |
| 84) Di-n-octyl phthalate | 15.85 | 149 | 1304258 | 39.10 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 18.20 | 276 | 976894 | 40.20 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 16.31 | 252 | 1009632 | 37.64 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 16.31 | 252 | 1009632 | 39.86 | ng | | 98 |
| 89) Benzo(a)pyrene | 16.74 | 252 | 859914 | 37.32 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 18.23 | 278 | 822153 | 40.95 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 18.57 | 276 | 838287 | 42.54 | ng | | 96 |

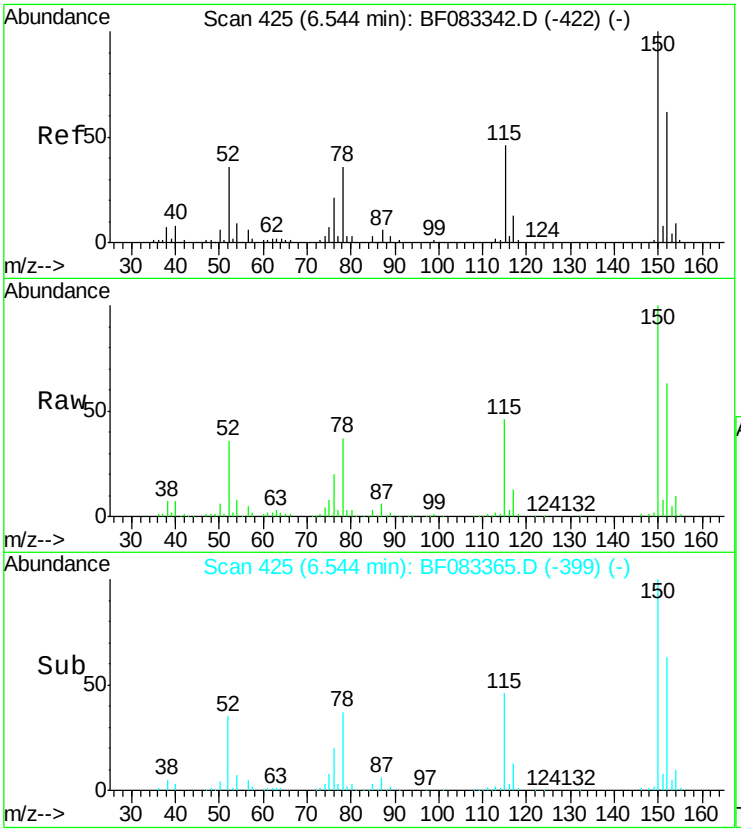
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
Data File : BF083365.D
Acq On : 1 Dec 2015 6:47
Operator : UM/IZ
Sample : PB86904BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Quant Time: Dec 01 07:27:13 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration



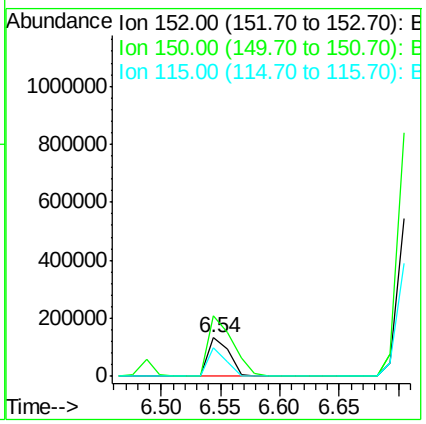


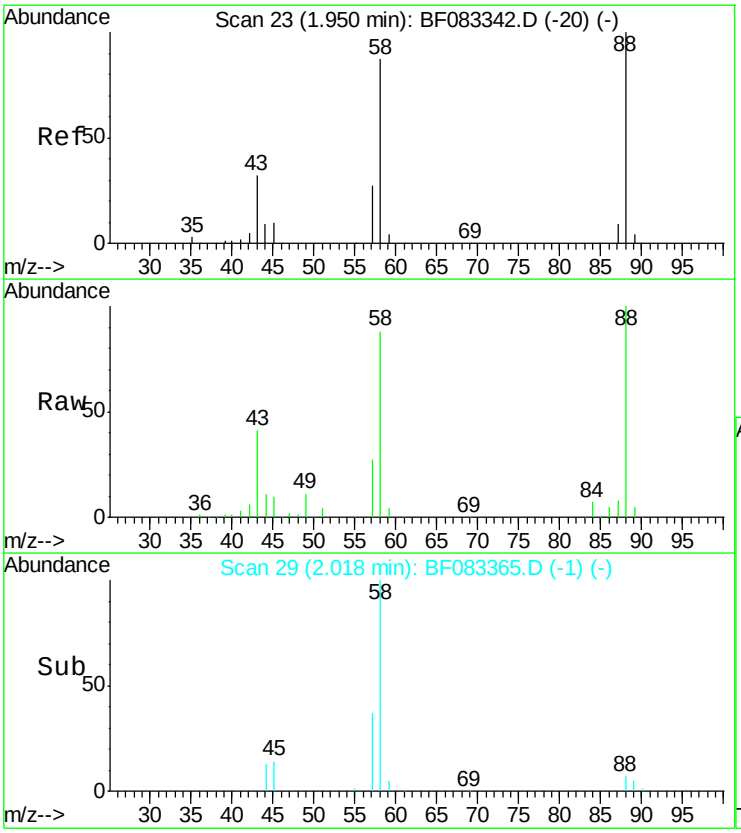

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:152 Resp: 161845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.0 | 129.8 | 194.8 |
| 115 | 72.9 | 59.2 | 88.8 |

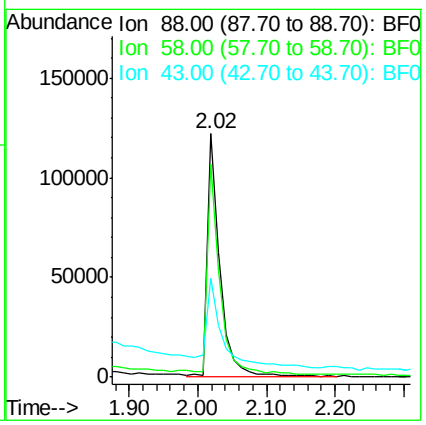


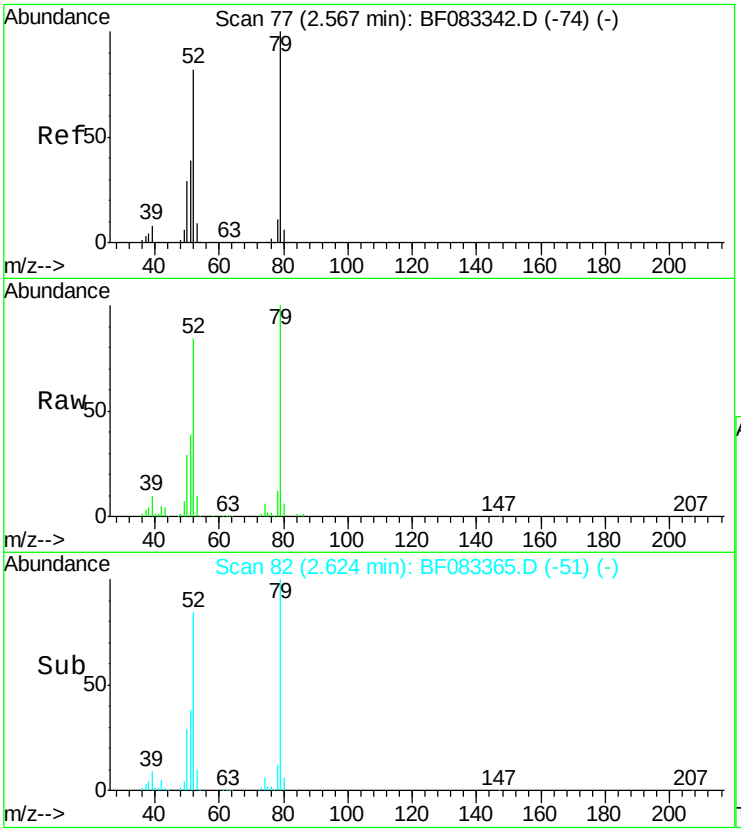

#2
1,4-Dioxane
Concen: 26.59 ng
RT: 2.02 min Scan# 29
Delta R.T. 0.07 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion: 88 Resp: 155280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.9 | 66.6 | 100.0 |
| 43 | 45.1 | 27.1 | 40.7# |



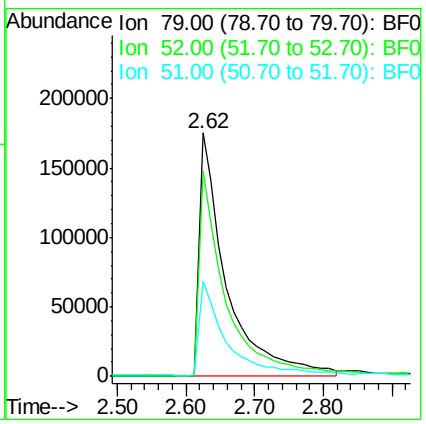
**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

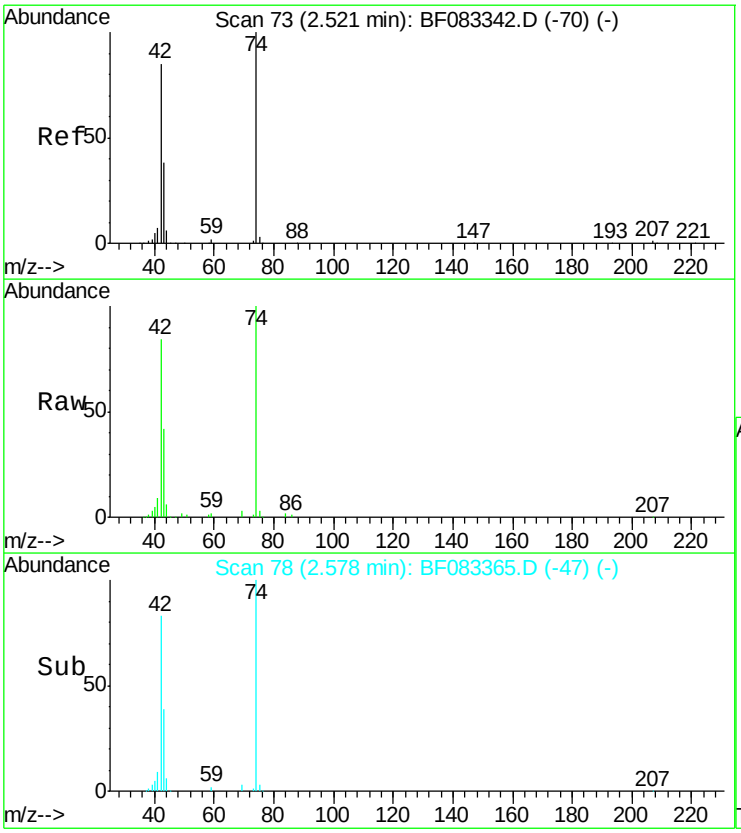



#3
Pyridine
Concen: 32.86 ng
RT: 2.62 min Scan# 82
Delta R.T. 0.06 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion: 79 Resp: 480080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 84.2 | 65.9 | 98.9 |
| 51 | 39.1 | 32.3 | 48.5 |

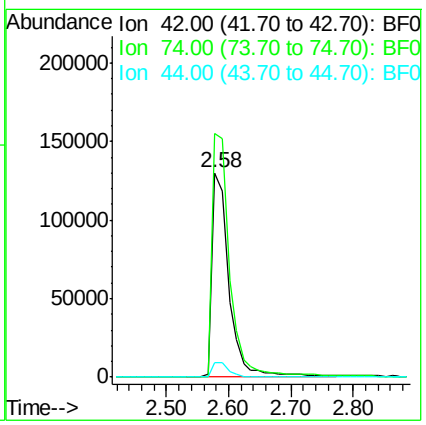


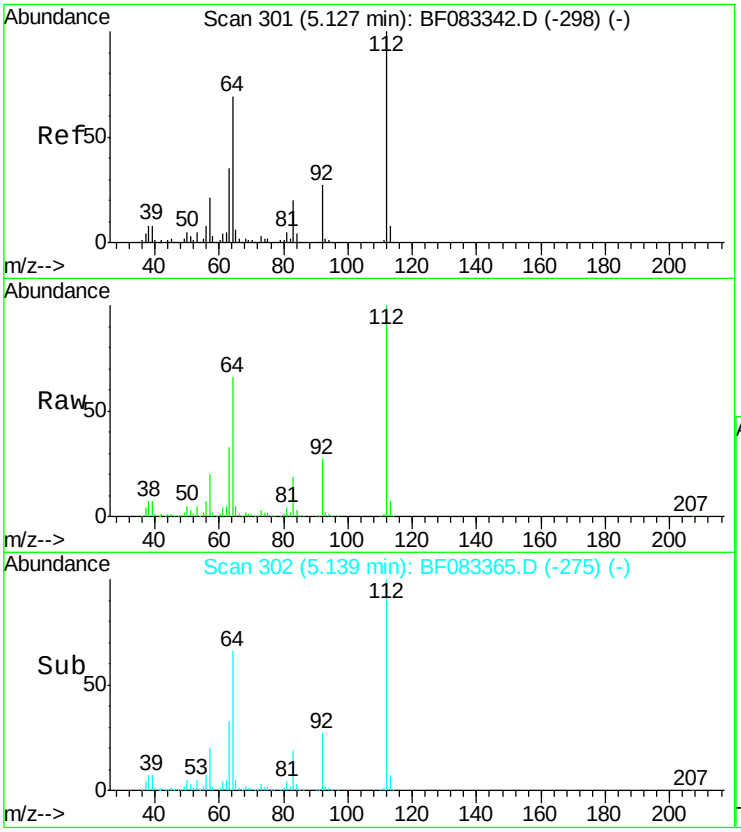




#4
n-Nitrosodimethylamine
Concen: 34.19 ng
RT: 2.58 min Scan# 78
Delta R.T. 0.06 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion: 42 Resp: 245866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 119.4 | 93.7 | 140.5 |
| 44 | 7.3 | 5.6 | 8.4 |



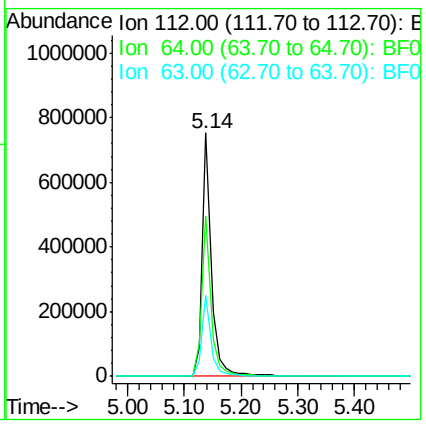


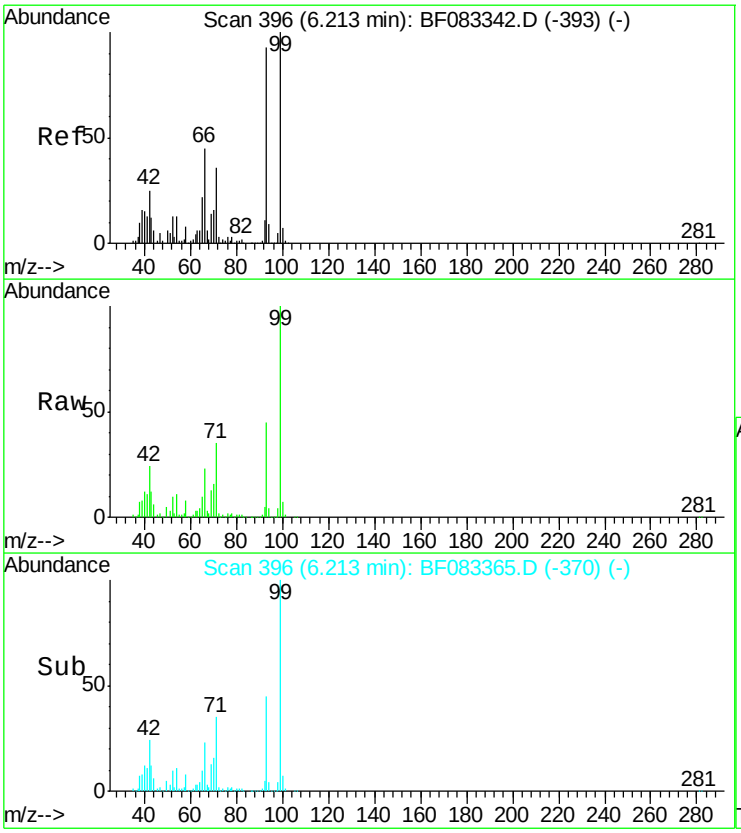

#5
2-Fluorophenol
Concen: 75.16 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:112 Resp: 810655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 65.7 | 55.6 | 83.4 |
| 63 | 33.3 | 28.2 | 42.2 |

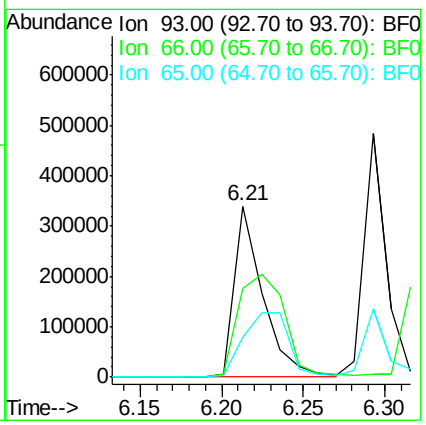


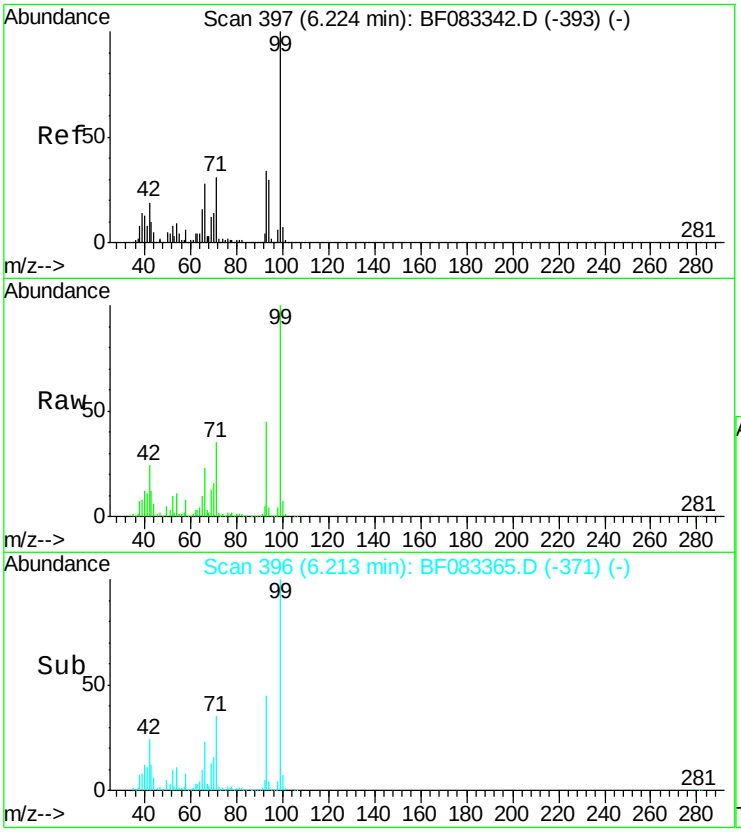




#6
Aniline
Concen: 20.36 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion: 93 Resp: 411249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 51.8 | 38.7 | 58.1 |
| 65 | 23.3 | 19.0 | 28.6 |



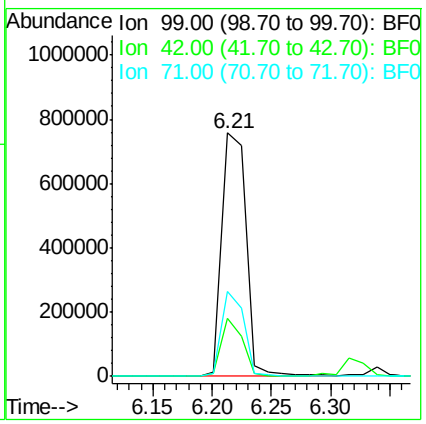


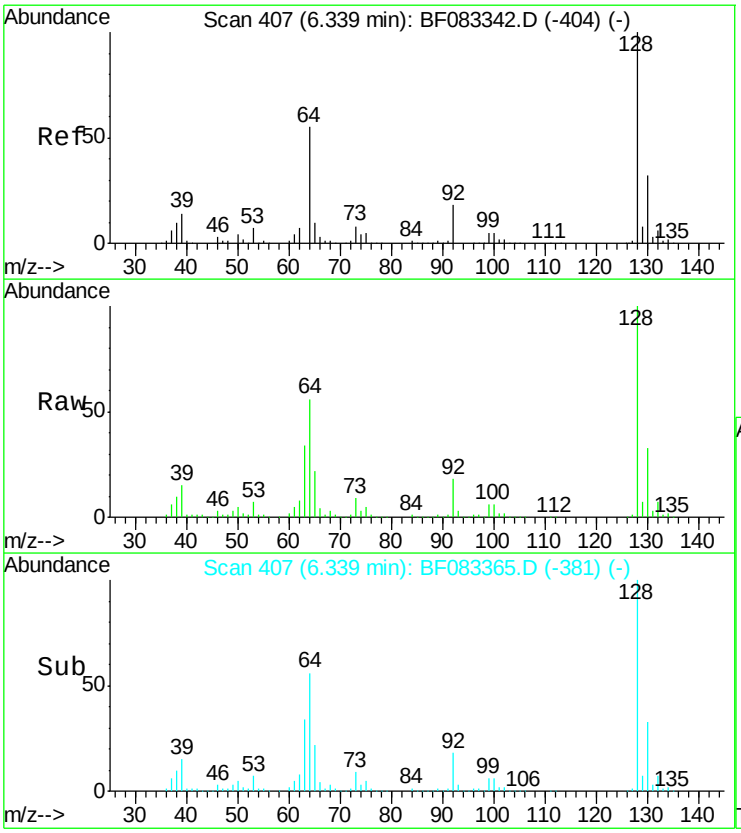

#7
Phenol-d6
Concen: 72.45 ng
RT: 6.21 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion: 99 Resp: 1069536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.8 | 14.9 | 22.3# |
| 71 | 34.6 | 24.7 | 37.1 |

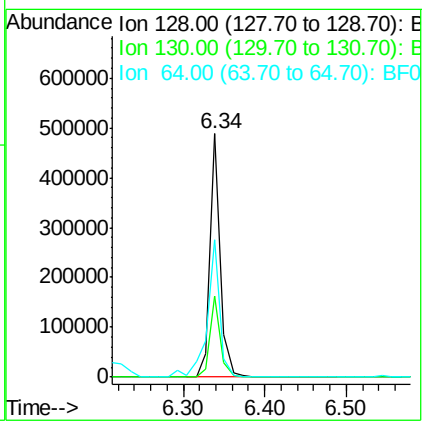


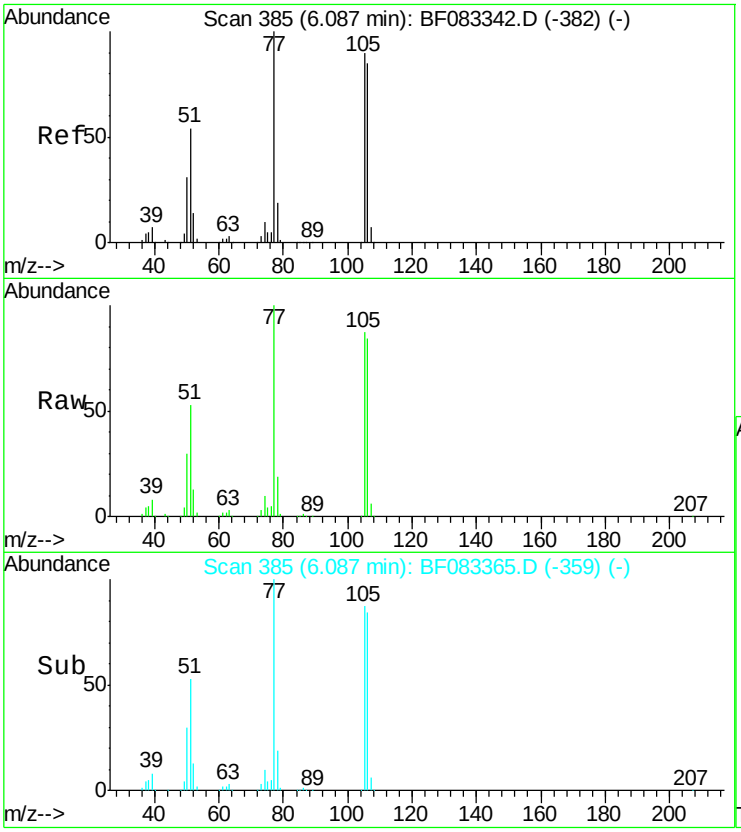




#8
2-Chlorophenol
Concen: 36.94 ng
RT: 6.34 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:128 Resp: 439505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.3 | 12.3 | 52.3 |
| 64 | 56.5 | 36.4 | 76.4 |



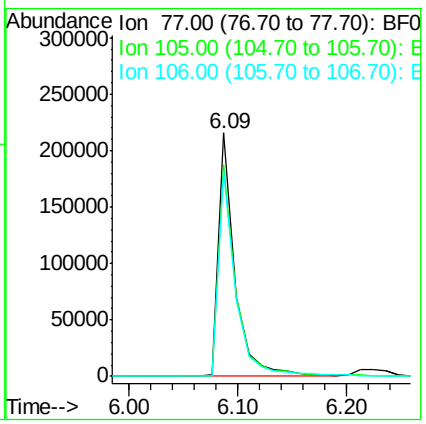


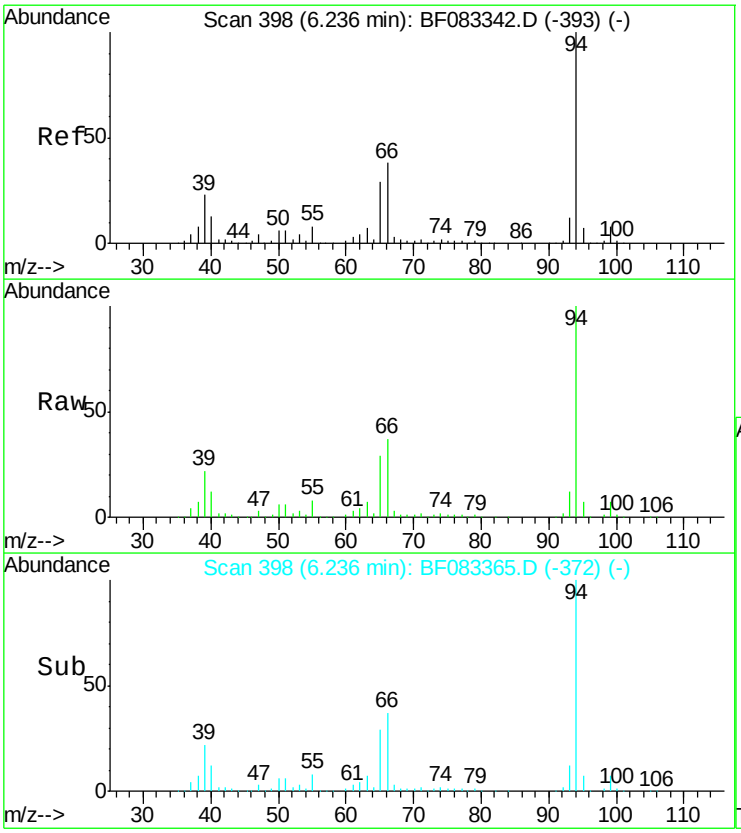

#9
Benzaldehyde
Concen: 30.52 ng
RT: 6.09 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion: 77 Resp: 228978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 87.2 | 70.0 | 110.0 |
| 106 | 84.3 | 65.0 | 105.0 |

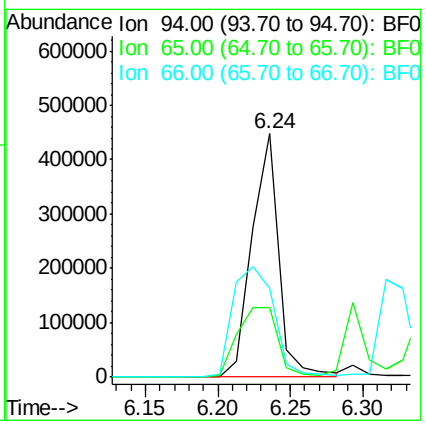


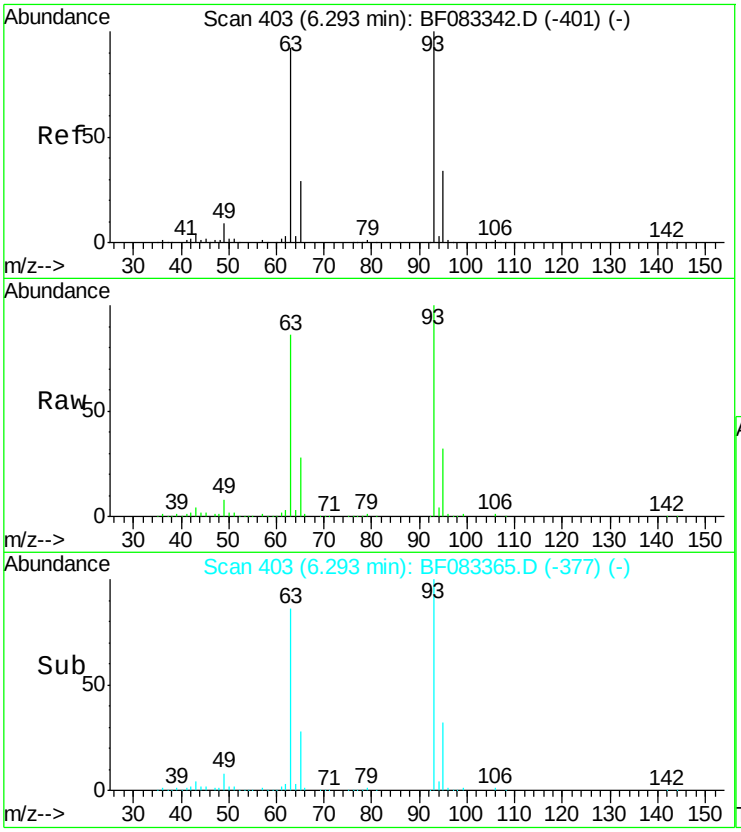




#10
Phenol
Concen: 32.42 ng
RT: 6.24 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion: 94 Resp: 575836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.7 | 9.5 | 49.5 |
| 66 | 36.6 | 17.9 | 57.9 |



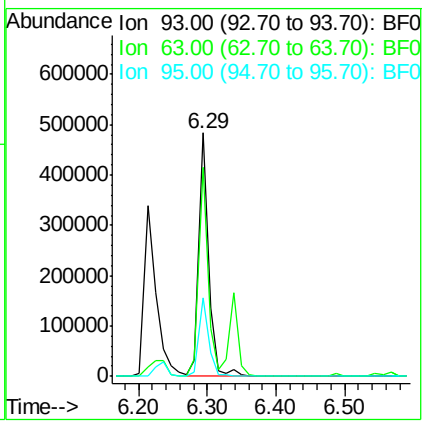


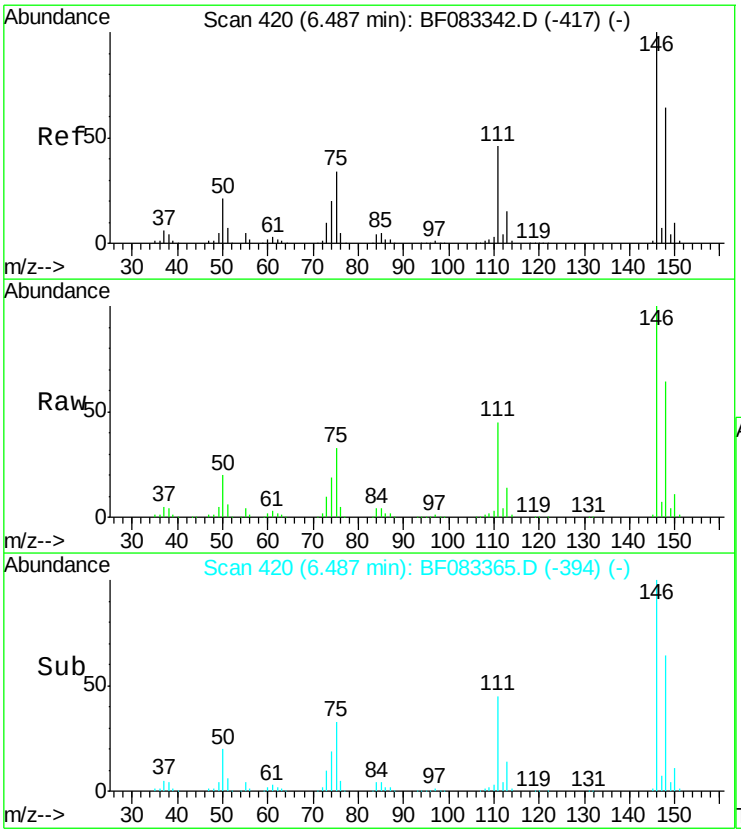

#11
bis(2-Chloroethyl)ether
Concen: 36.68 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion: 93 Resp: 473911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 86.1 | 71.4 | 111.4 |
| 95 | 32.4 | 13.4 | 53.4 |

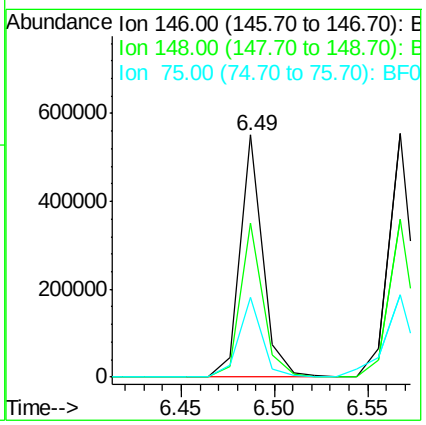


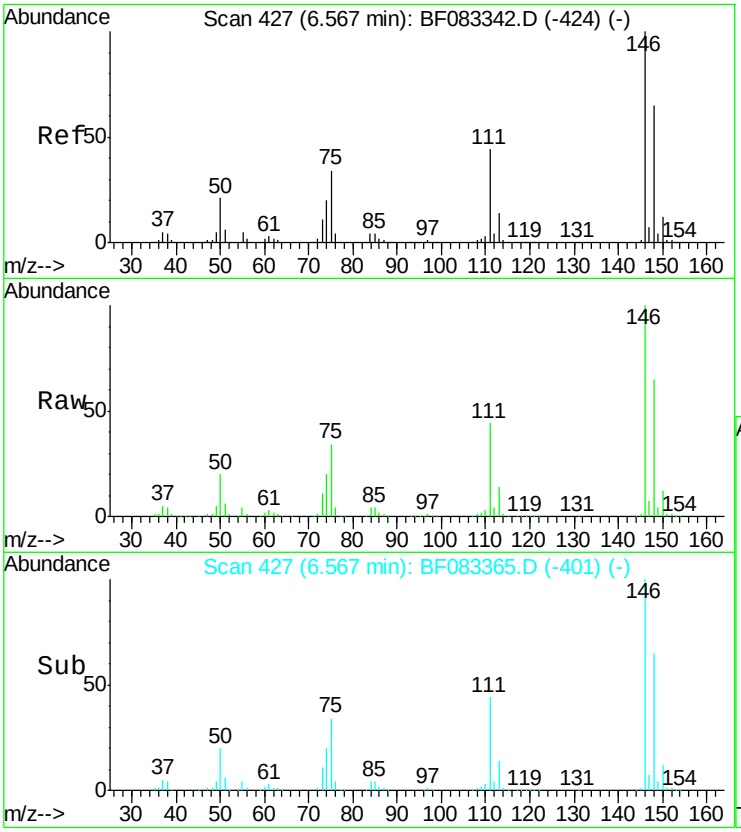




#12
1,3-Dichlorobenzene
Concen: 35.50 ng
RT: 6.49 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:146 Resp: 469481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 51.1 | 76.7 |
| 75 | 32.8 | 27.5 | 41.3 |



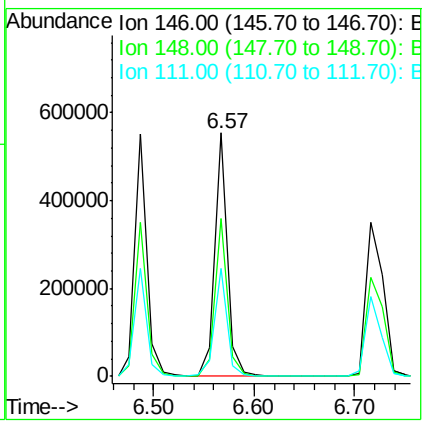


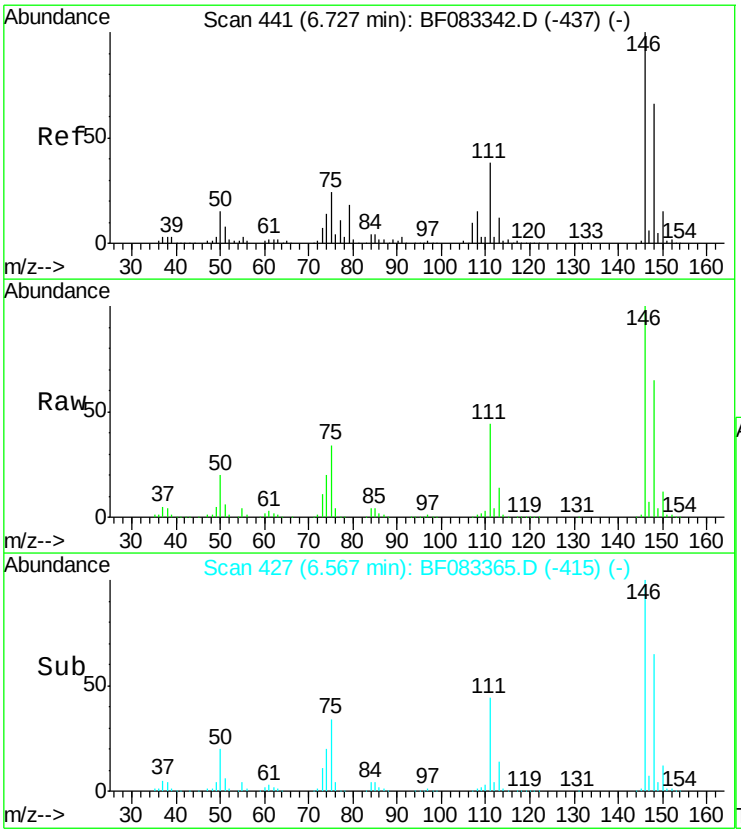

#13
1,4-Dichlorobenzene
Concen: 35.57 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:146 Resp: 486215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 52.1 | 78.1 |
| 111 | 44.1 | 35.4 | 53.0 |

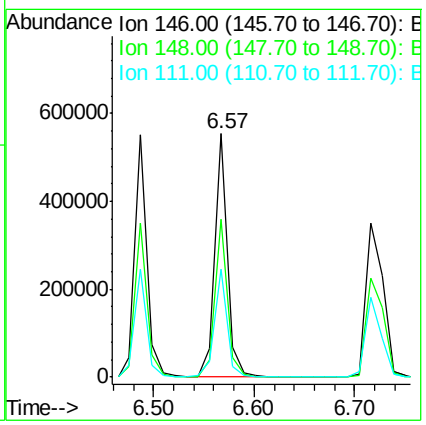


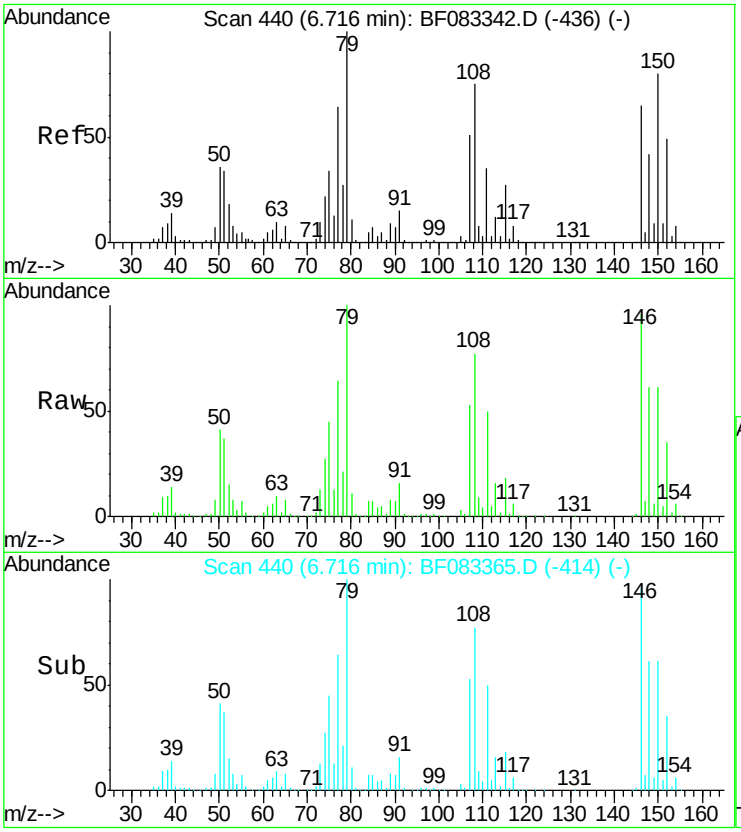




#14
1,2-Dichlorobenzene
Concen: 38.77 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.16 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:146 Resp: 486215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.0 | 52.5 | 78.7 |
| 111 | 44.1 | 30.6 | 46.0 |



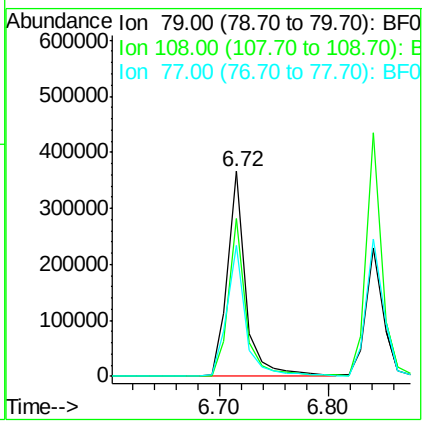


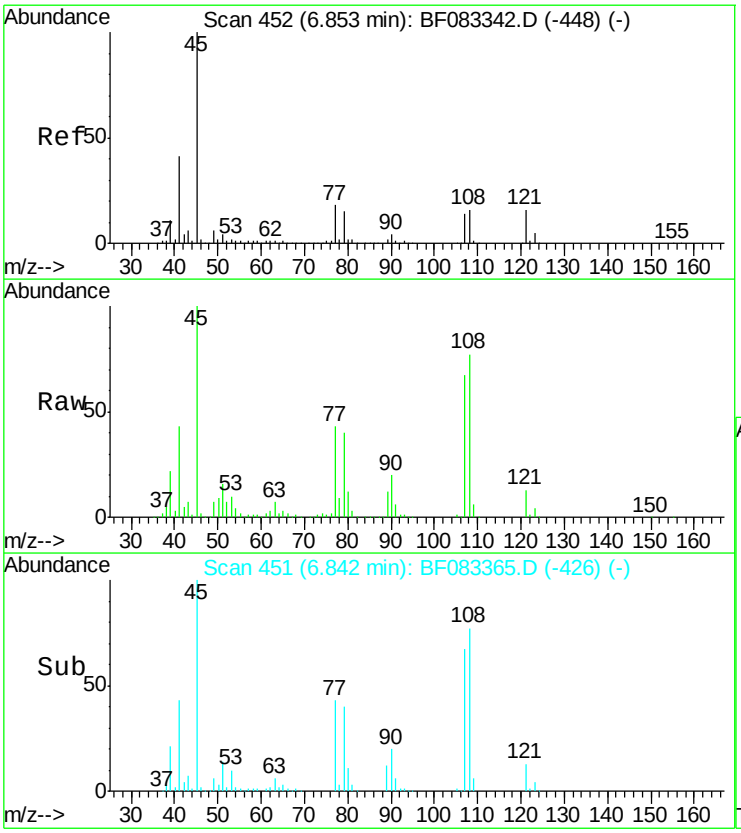

#15
Benzyl Alcohol
Concen: 37.54 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion: 79 Resp: 428328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.9 | 59.9 | 89.9 |
| 77 | 63.7 | 51.0 | 76.6 |

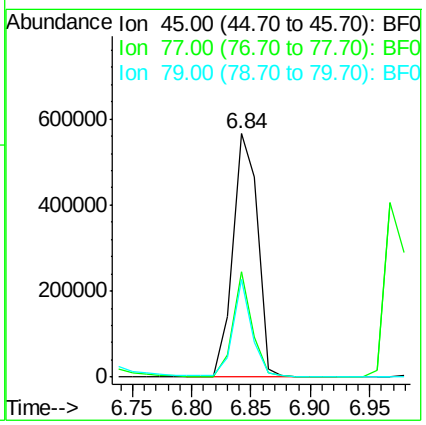


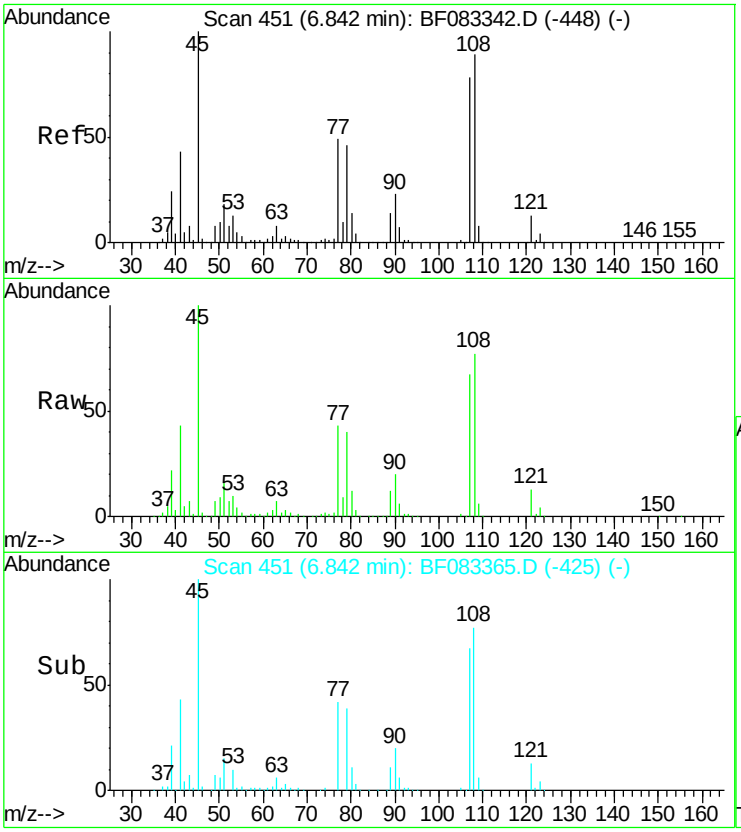




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.21 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion: 45 Resp: 820885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 43.4 | 0.0 | 38.3# |
| 79 | 40.3 | 0.0 | 35.4# |



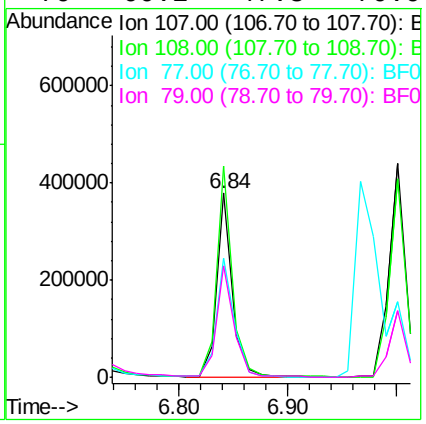


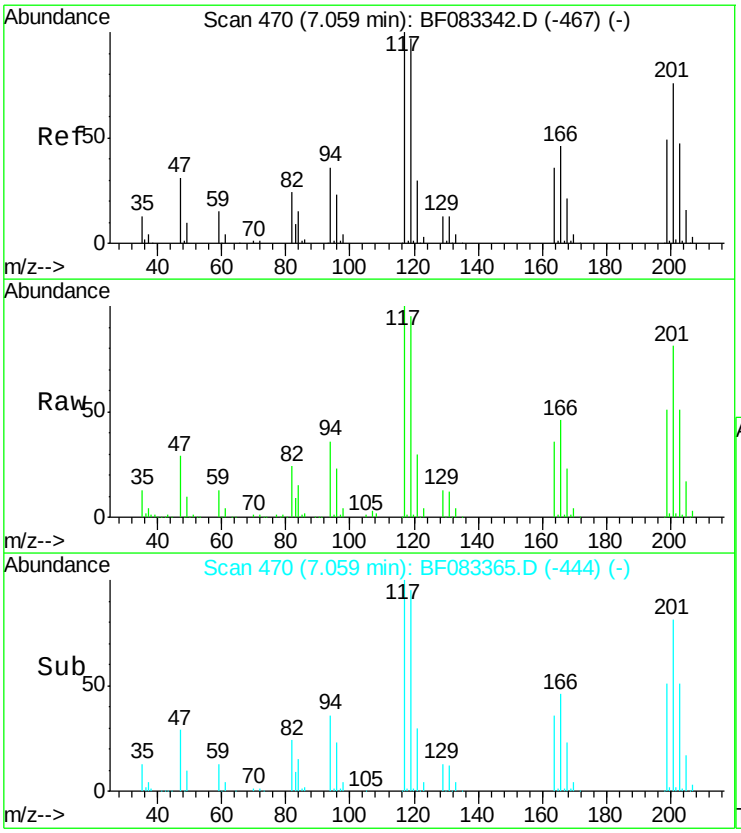

#17
2-Methylphenol
Concen: 37.83 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:107 Resp: 375120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.6 | 91.6 | 137.4 |
| 77 | 64.7 | 49.9 | 74.9 |
| 79 | 60.2 | 47.3 | 70.9 |

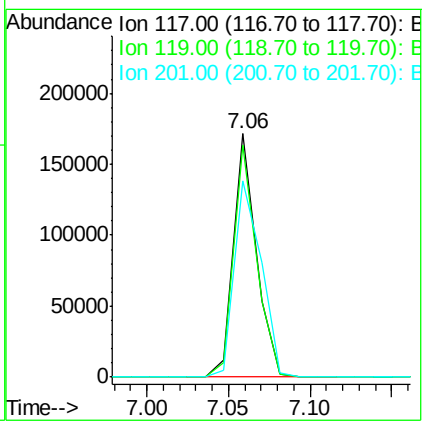


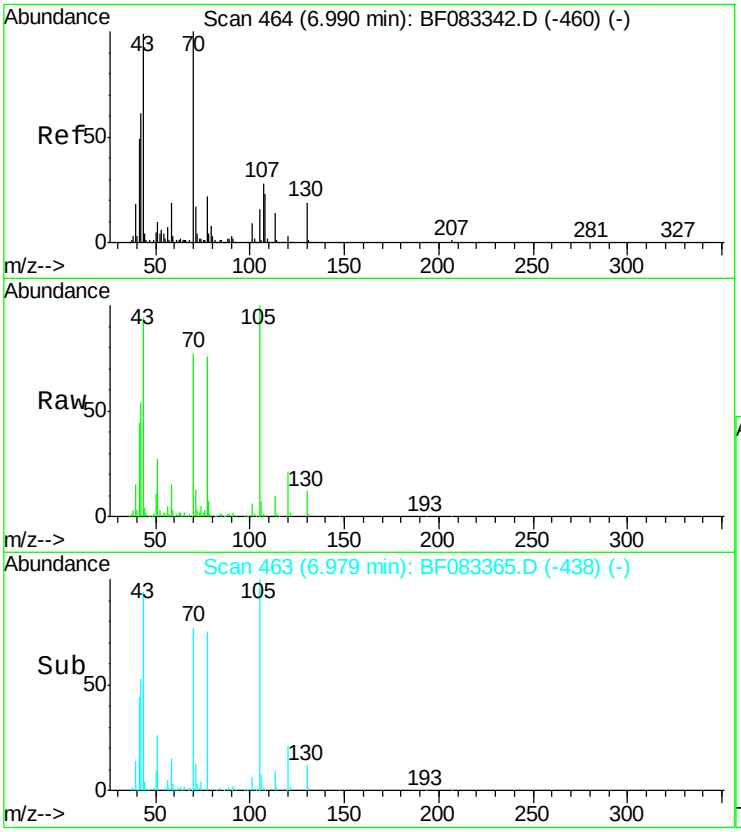




#18
Hexachloroethane
Concen: 34.58 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:117 Resp: 164168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.4 | 77.3 | 115.9 |
| 201 | 80.6 | 60.6 | 90.8 |



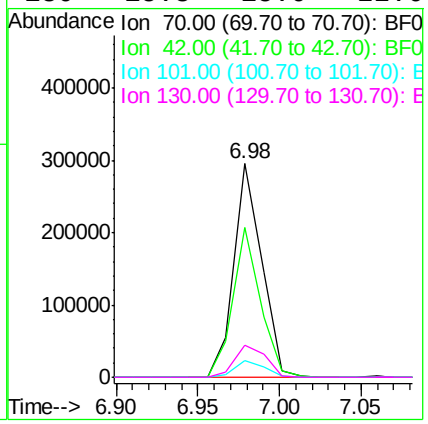


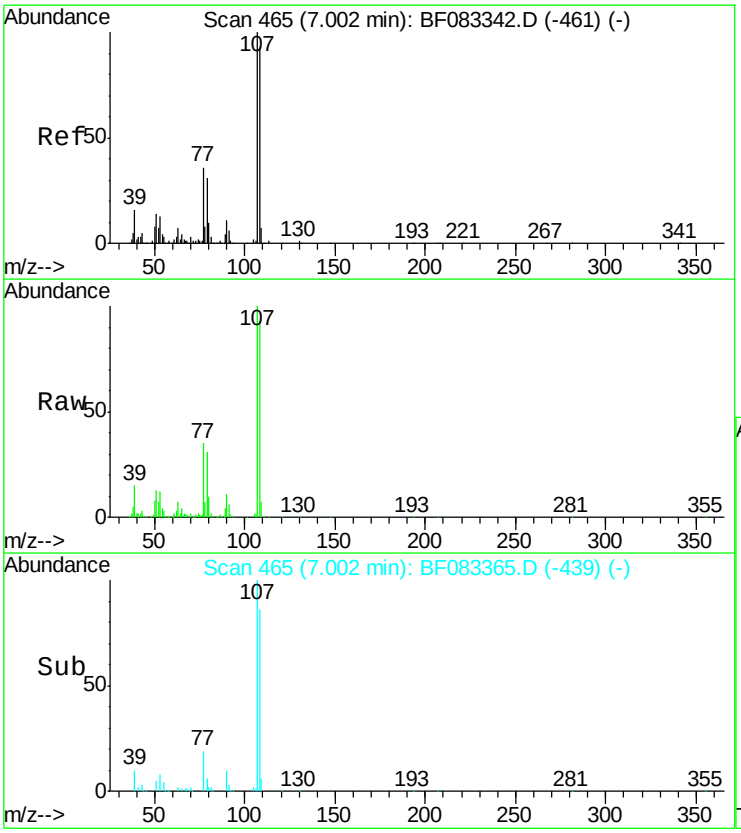

#19
n-Nitroso-di-n-propylamine
Concen: 32.97 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion: 70 Resp: 347925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 69.9 | 48.8 | 73.2 |
| 101 | 8.0 | 7.1 | 10.7 |
| 130 | 15.3 | 15.0 | 22.6 |

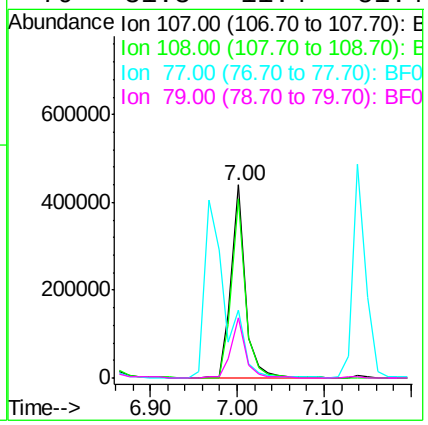


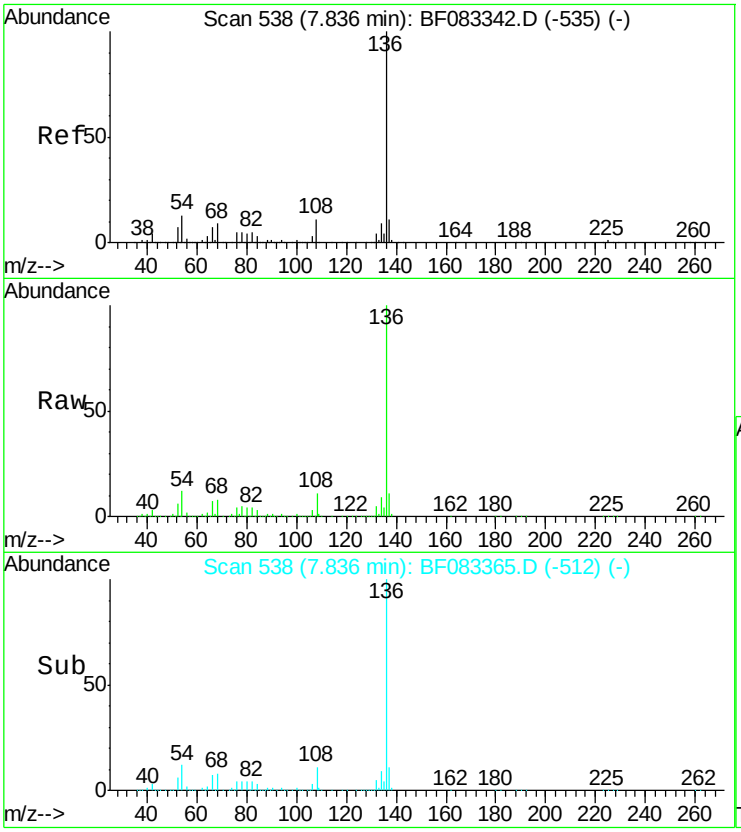




#20
3+4-Methylphenols
Concen: 37.08 ng
RT: 7.00 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:107 Resp: 498039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 92.9 | 73.0 | 113.0 |
| 77 | 35.2 | 16.8 | 56.8 |
| 79 | 31.3 | 11.4 | 51.4 |



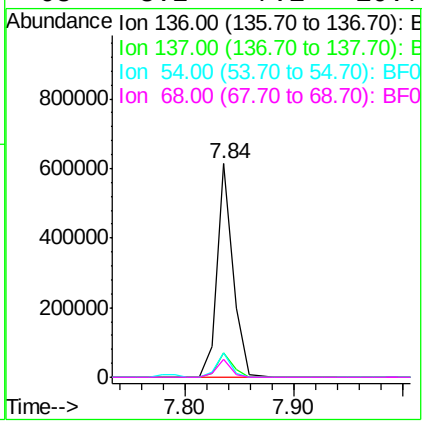


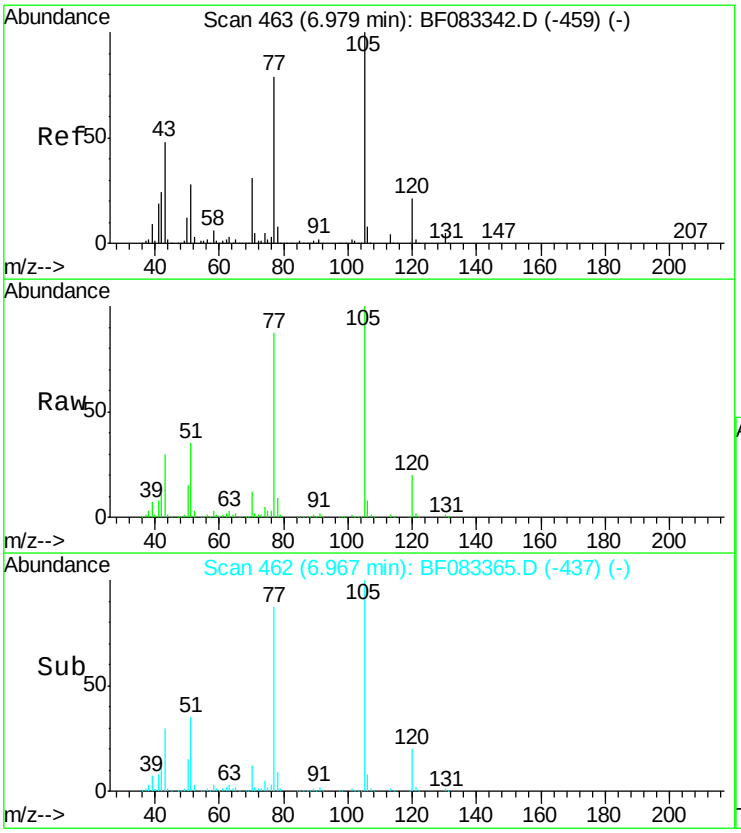

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:136 Resp: 627466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.0 | 13.4 |
| 54 | 11.6 | 10.1 | 15.1 |
| 68 | 8.2 | 7.1 | 10.7 |

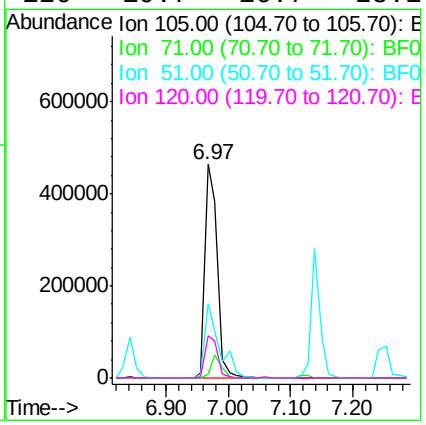


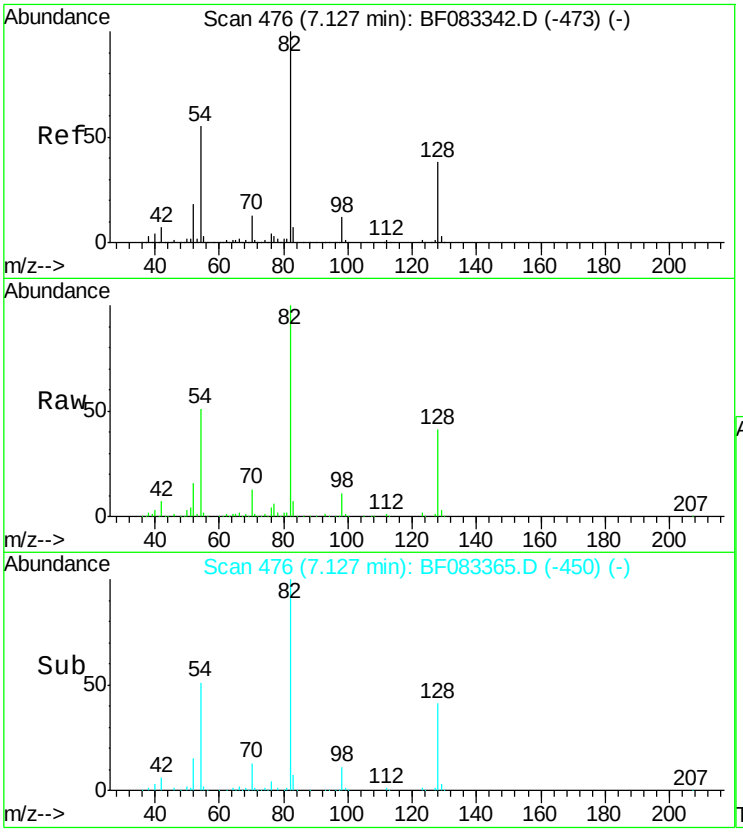




#22
Acetophenone
Concen: 33.80 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:105 Resp: 634485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.1 | 4.3 | 6.5# |
| 51 | 34.7 | 22.9 | 34.3# |
| 120 | 19.7 | 16.7 | 25.1 |



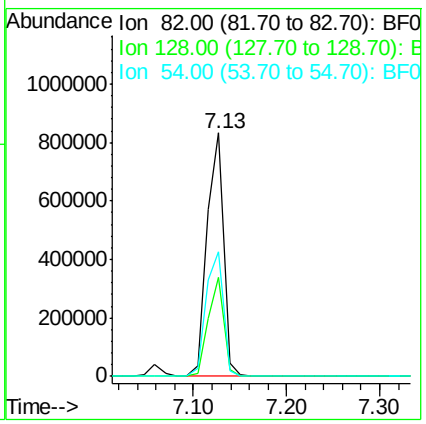


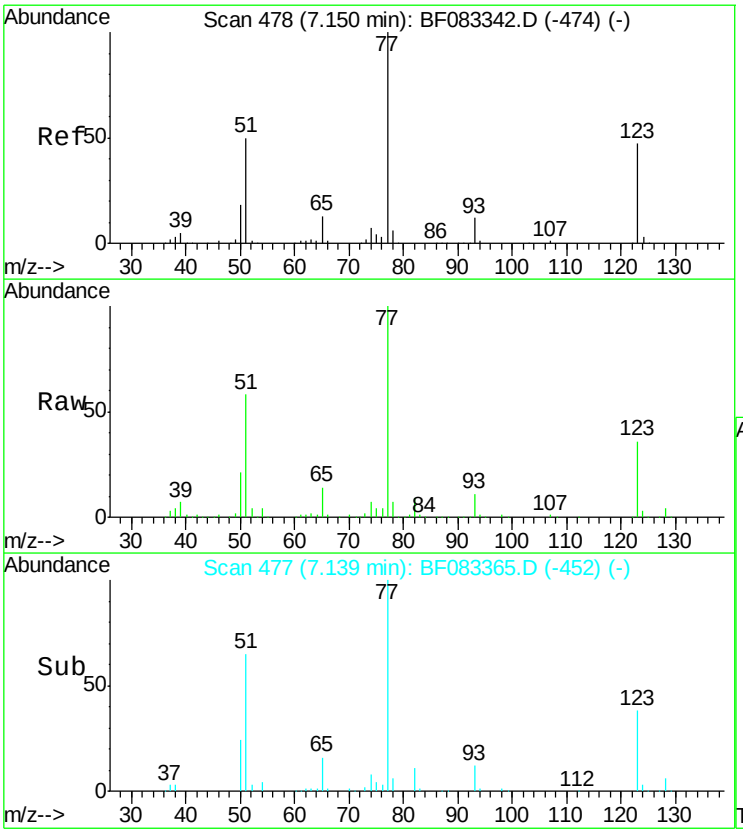

#23
Nitrobenzene-d5
Concen: 71.87 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion: 82 Resp: 1025805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.9 | 30.6 | 46.0 |
| 54 | 51.2 | 43.8 | 65.6 |

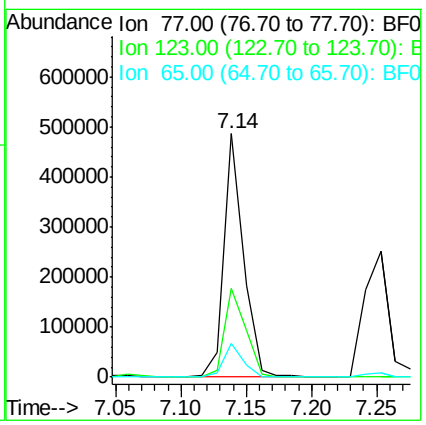


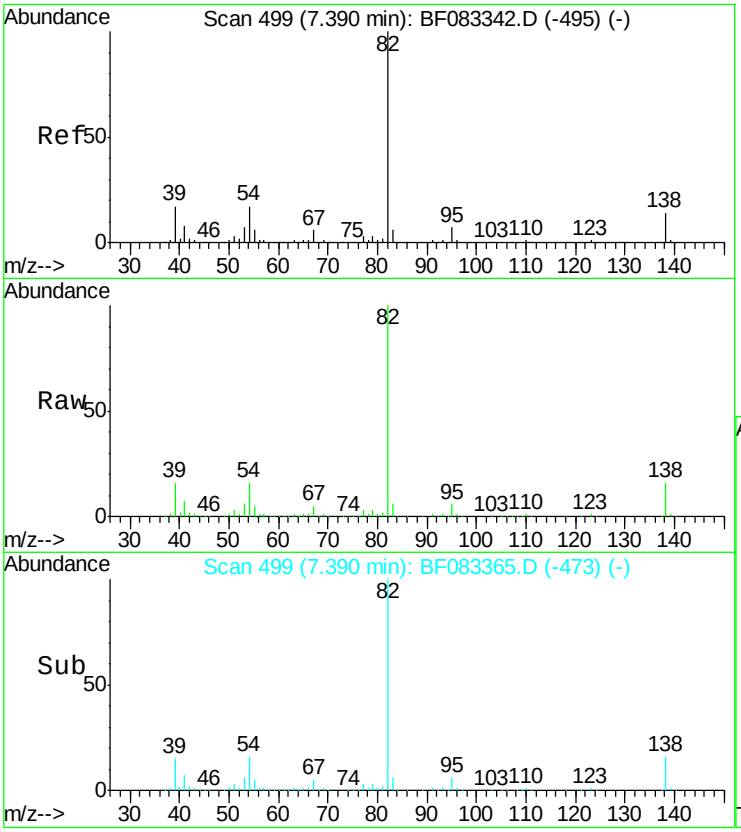




#24
Nitrobenzene
Concen: 33.09 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion: 77 Resp: 504337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 36.3 | 37.4 | 56.0# |
| 65 | 14.1 | 10.6 | 15.8 |



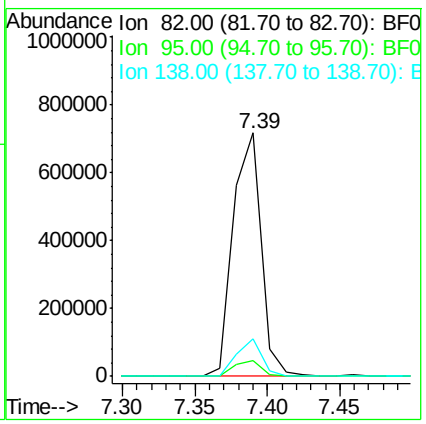


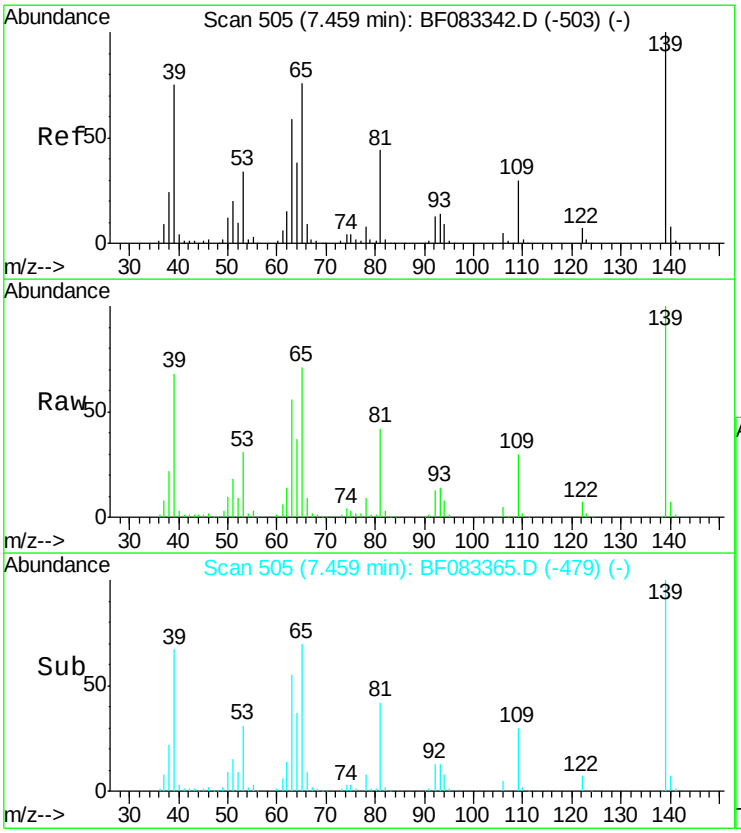

#25
Isophorone
Concen: 34.86 ng
RT: 7.39 min Scan# 499
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion: 82 Resp: 963715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.4 | 5.3 | 7.9 |
| 138 | 15.6 | 11.6 | 17.4 |

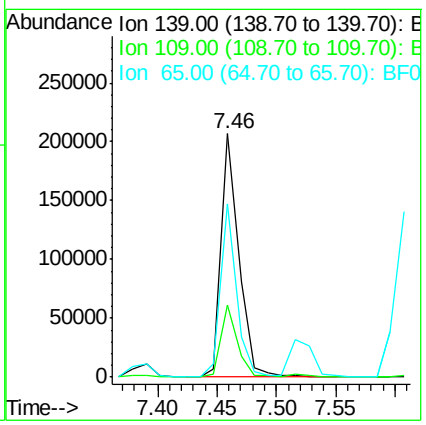


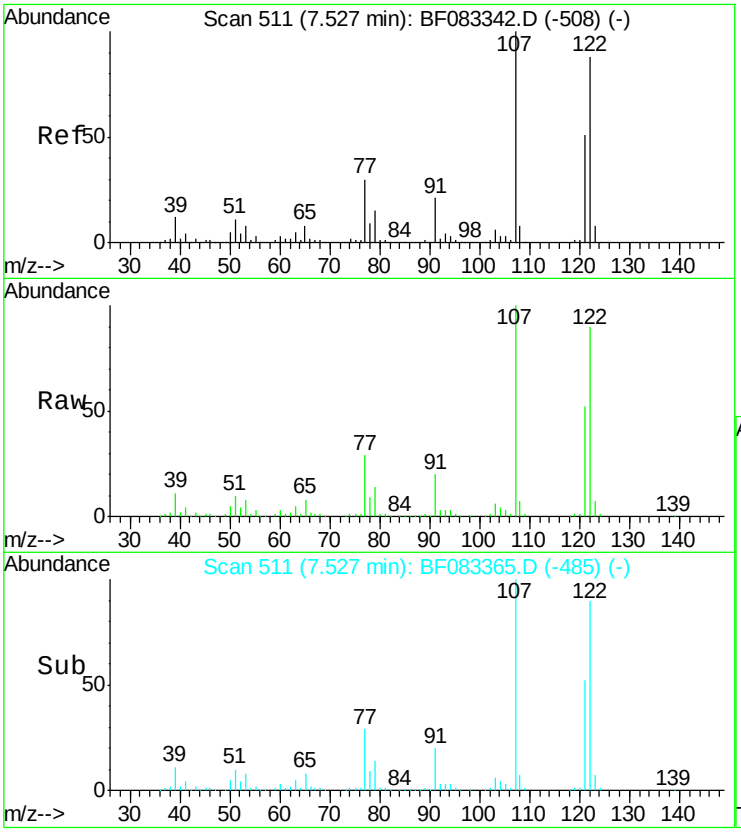




#26
2-Nitrophenol
Concen: 34.25 ng
RT: 7.46 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:139 Resp: 213107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.6 | 24.2 | 36.4 |
| 65 | 71.0 | 61.0 | 91.6 |



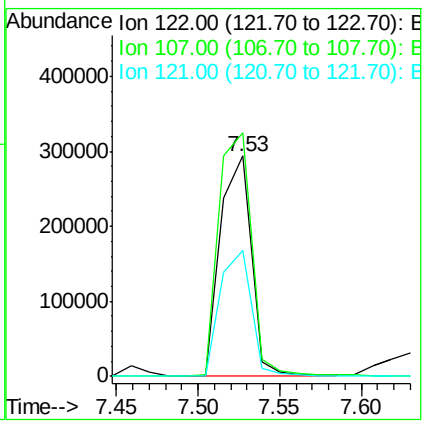


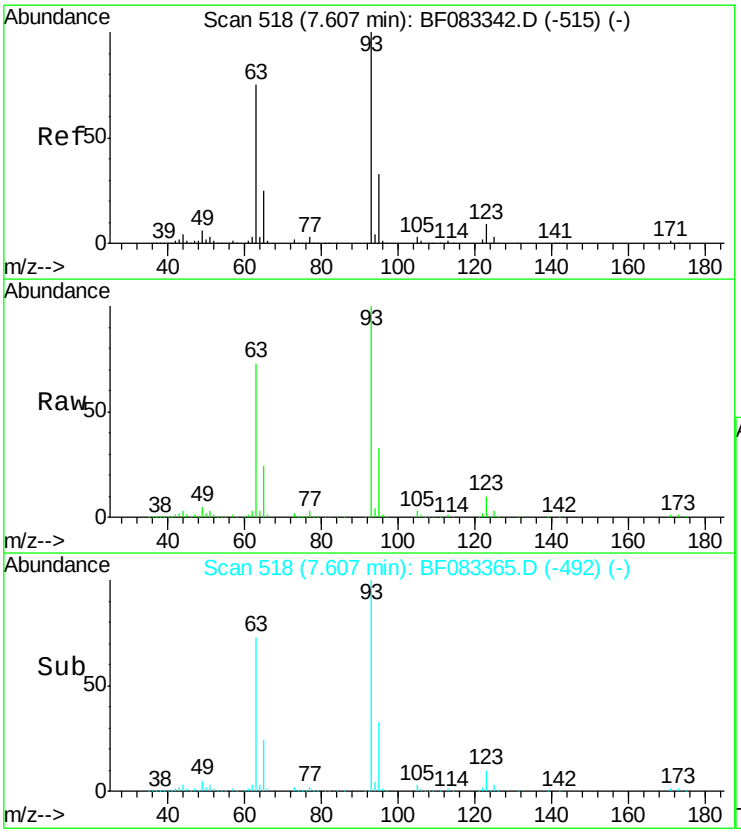

#27
2,4-Dimethylphenol
Concen: 37.13 ng
RT: 7.53 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:122 Resp: 387261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.7 | 91.2 | 136.8 |
| 121 | 57.5 | 46.4 | 69.6 |

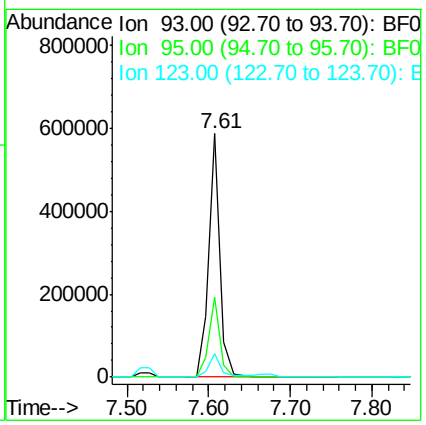


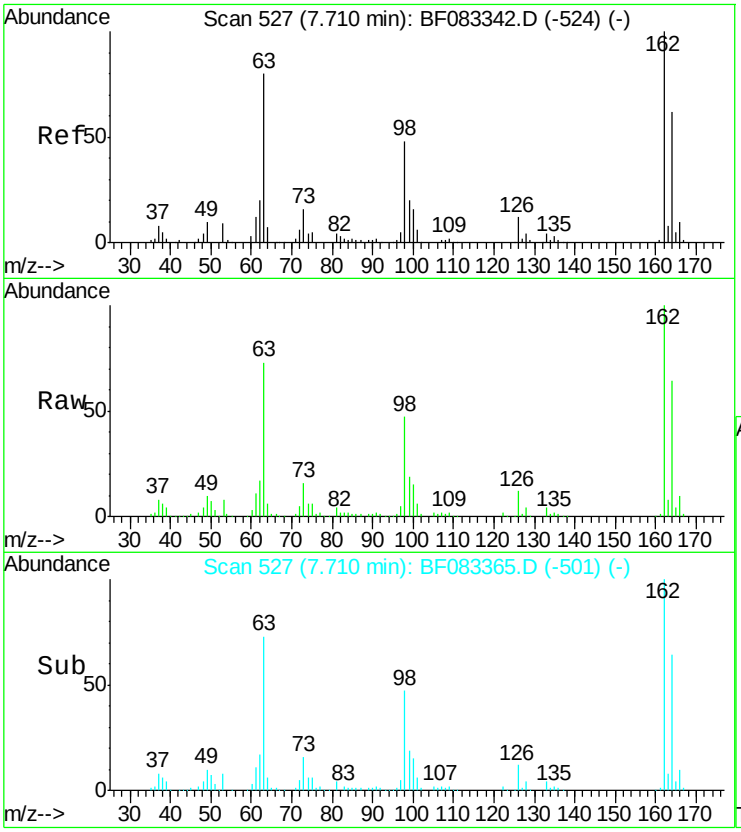




#28
bis(2-Chloroethoxy)methane
Concen: 36.45 ng
RT: 7.61 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion: 93 Resp: 573902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 26.1 | 39.1 |
| 123 | 9.8 | 7.4 | 11.0 |



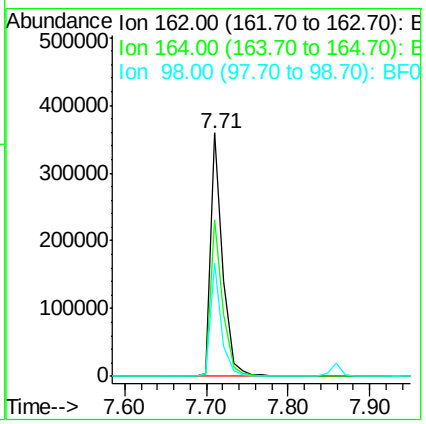


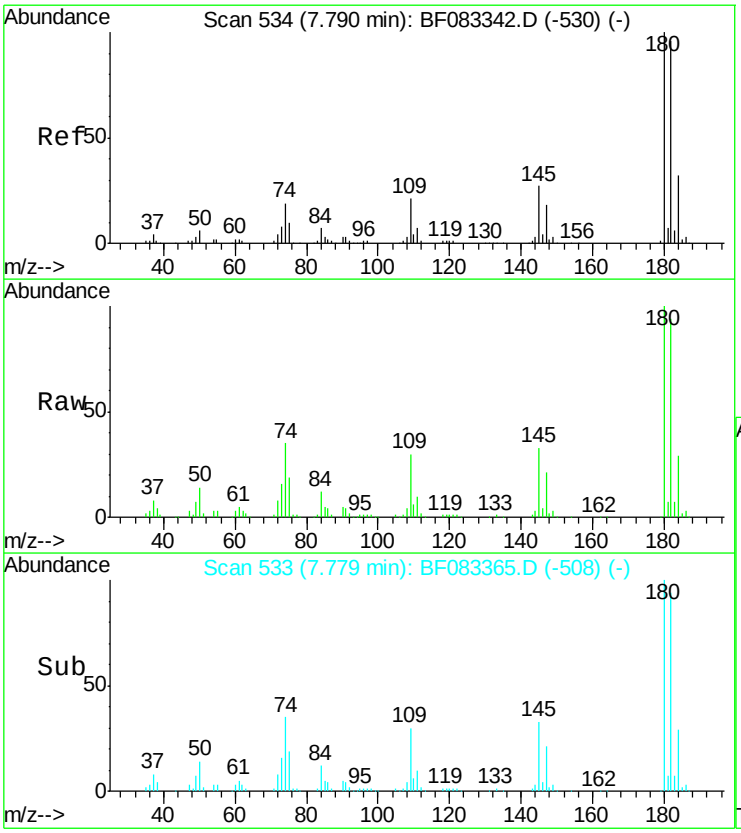

#29
2,4-Dichlorophenol
Concen: 37.03 ng
RT: 7.71 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:162 Resp: 371509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.1 | 41.9 | 81.9 |
| 98 | 46.5 | 28.1 | 68.1 |

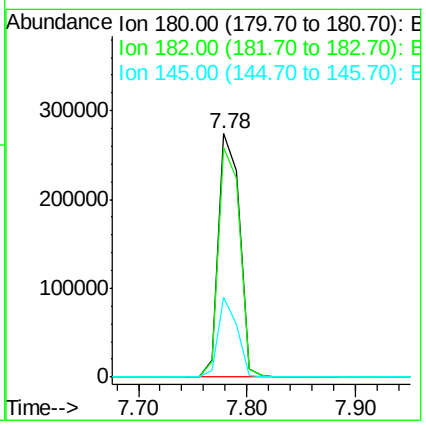


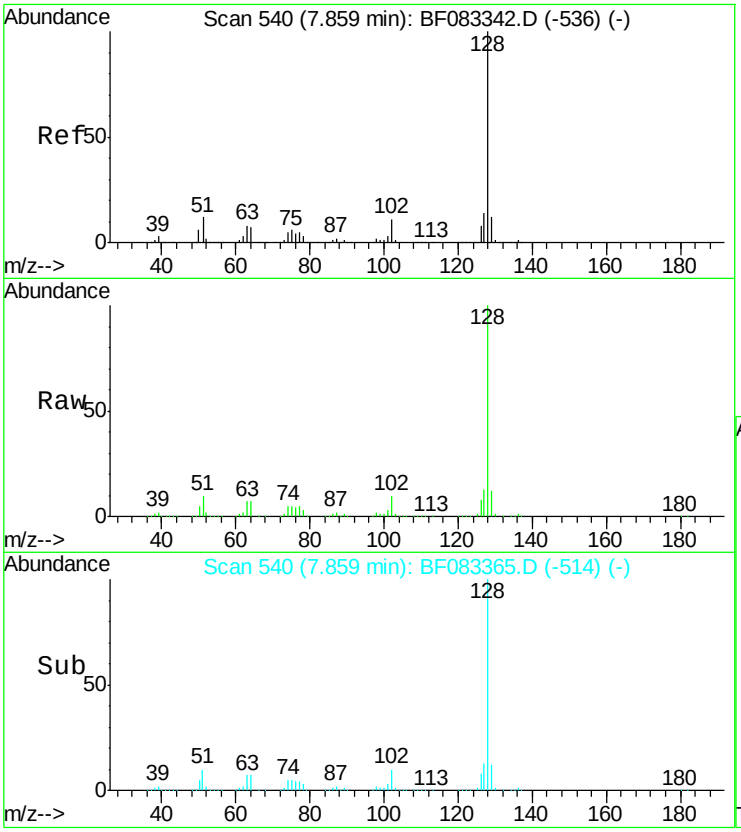




#30
1,2,4-Trichlorobenzene
Concen: 33.90 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:180 Resp: 370187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.2 | 77.2 | 115.8 |
| 145 | 32.6 | 21.4 | 32.2# |



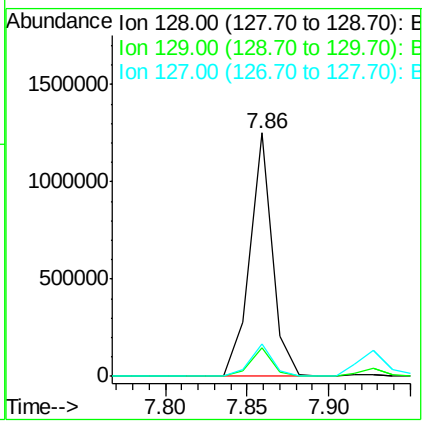


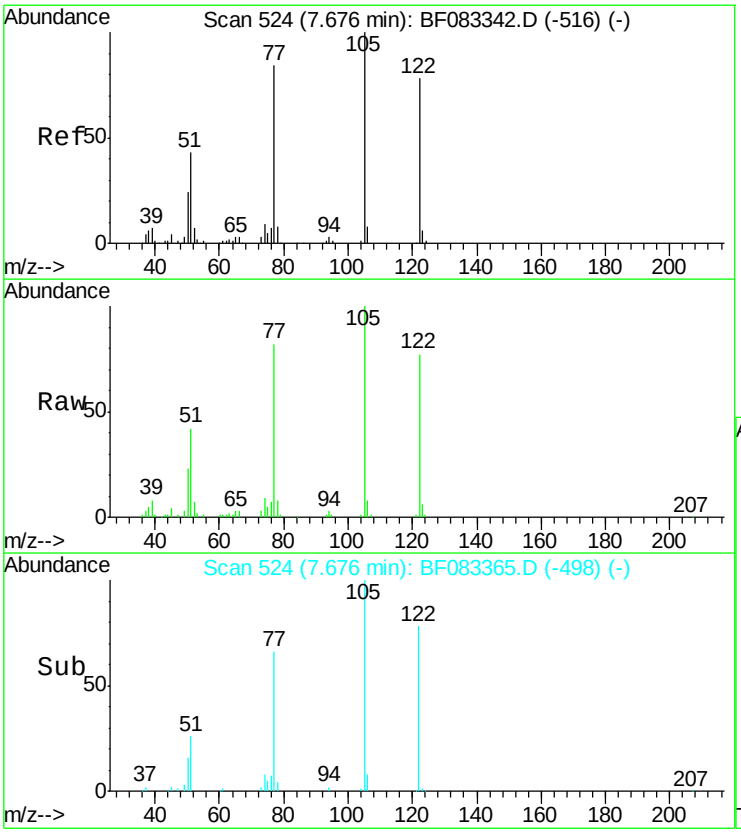

#31
Naphthalene
Concen: 35.44 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:128 Resp: 1206535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.7 | 14.5 |
| 127 | 13.4 | 11.0 | 16.4 |

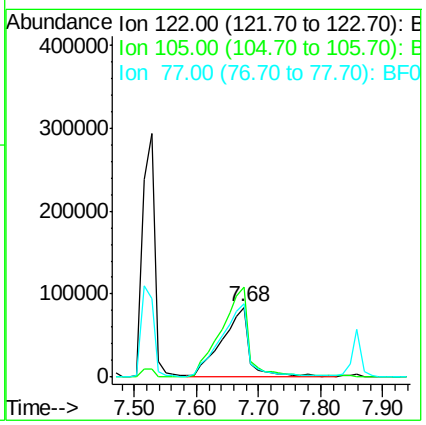


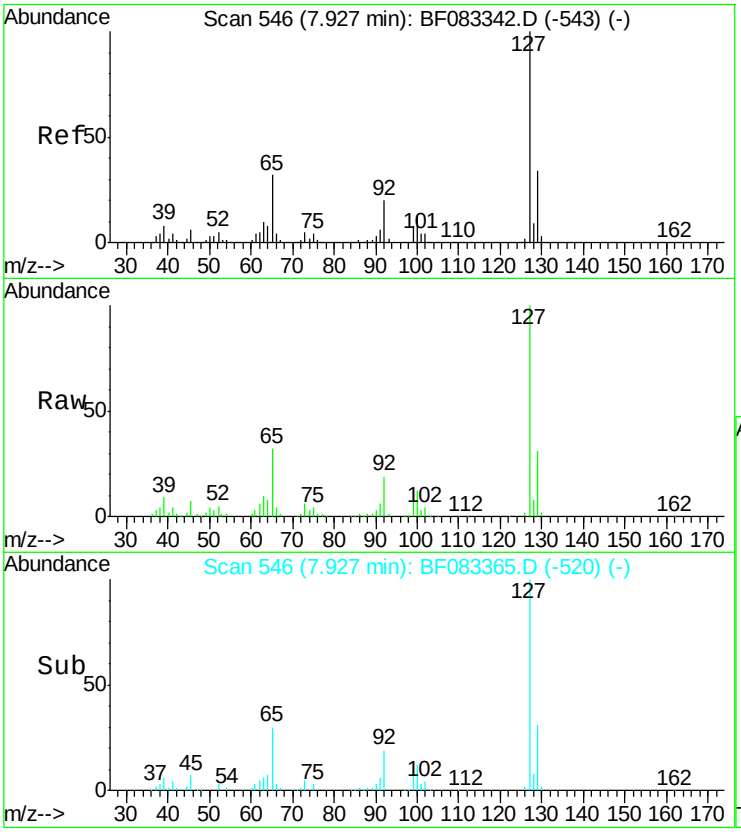




#32
Benzoic acid
Concen: 35.70 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:122 Resp: 256859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 129.1 | 106.0 | 146.0 |
| 77 | 105.5 | 86.3 | 126.3 |



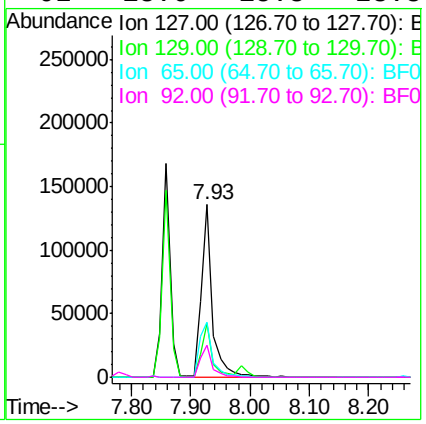


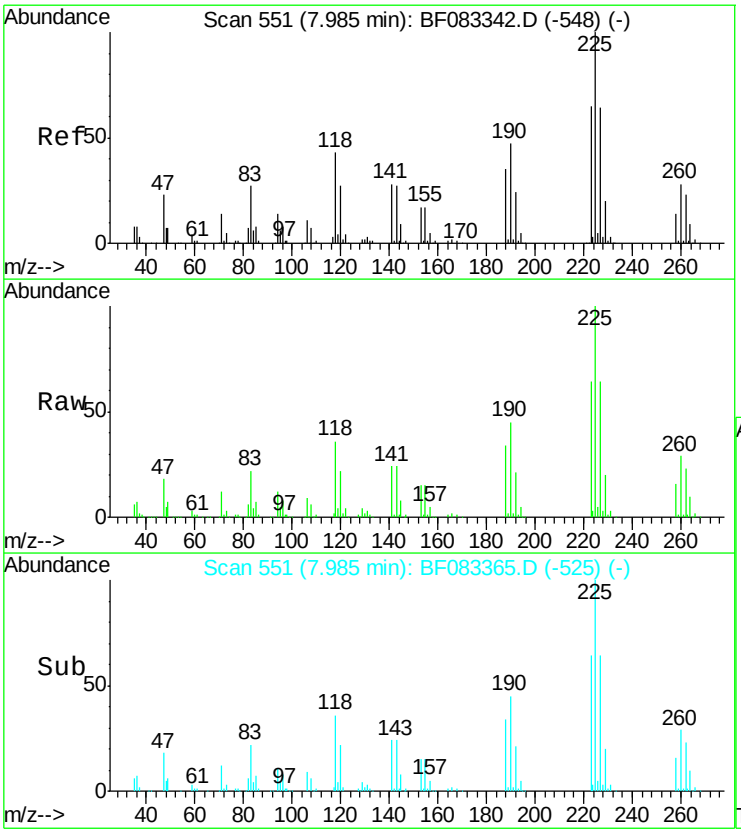

#33
4-Chloroaniline
Concen: 12.33 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:127 Resp: 180982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.5 | 27.0 | 40.4 |
| 65 | 32.0 | 25.9 | 38.9 |
| 92 | 18.6 | 15.8 | 23.8 |

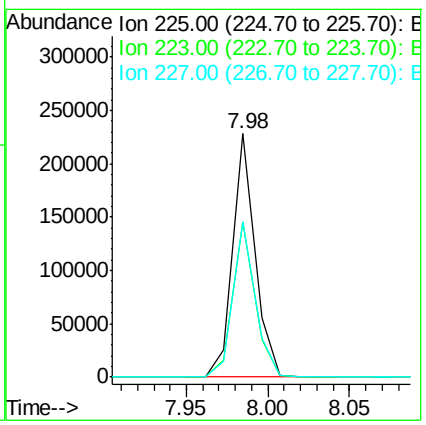


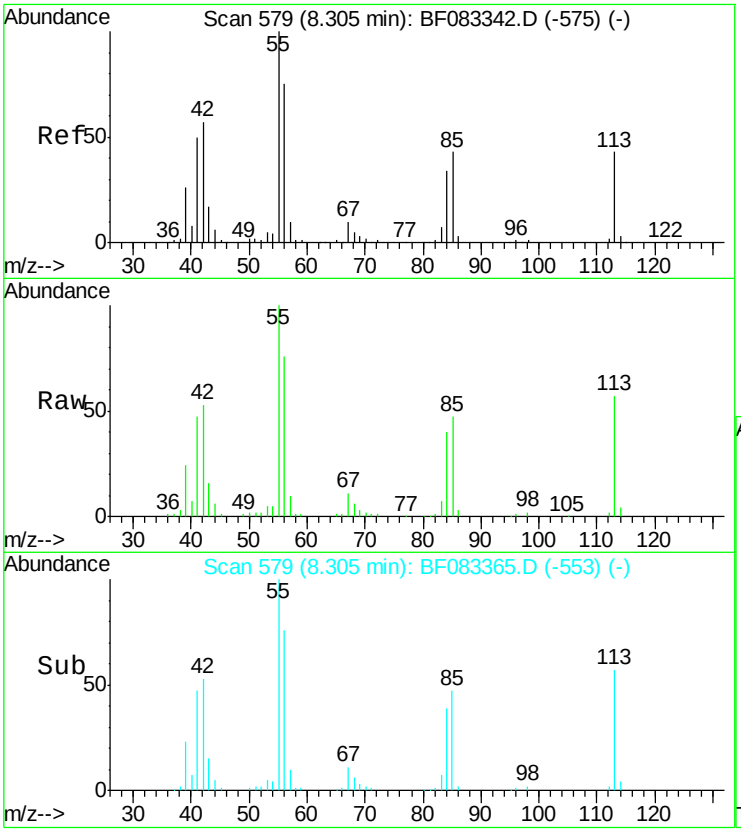




#34
Hexachlorobutadiene
Concen: 34.44 ng
RT: 7.98 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:225 Resp: 213505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.8 | 52.0 | 78.0 |
| 227 | 63.6 | 51.1 | 76.7 |



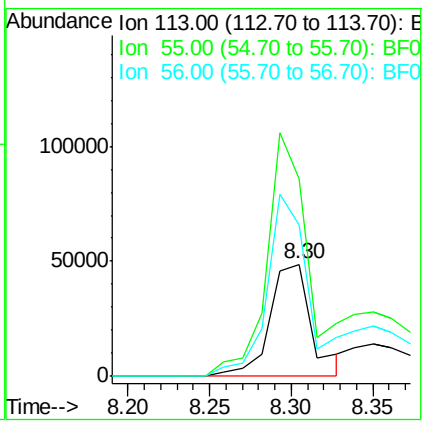


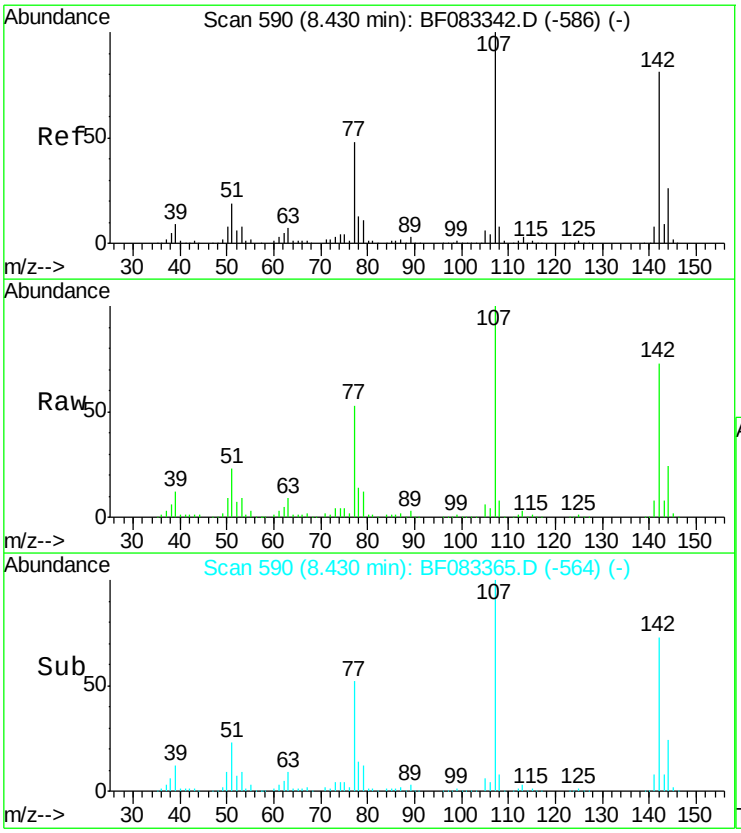

#35
Caprolactam
Concen: 27.50 ng
RT: 8.30 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:113 Resp: 87166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 175.9 | 211.6 | 251.6# |
| 56 | 134.3 | 153.0 | 193.0# |

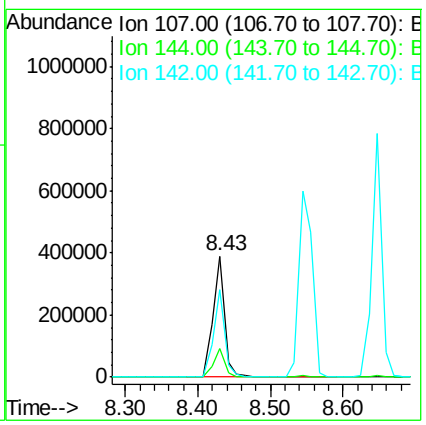


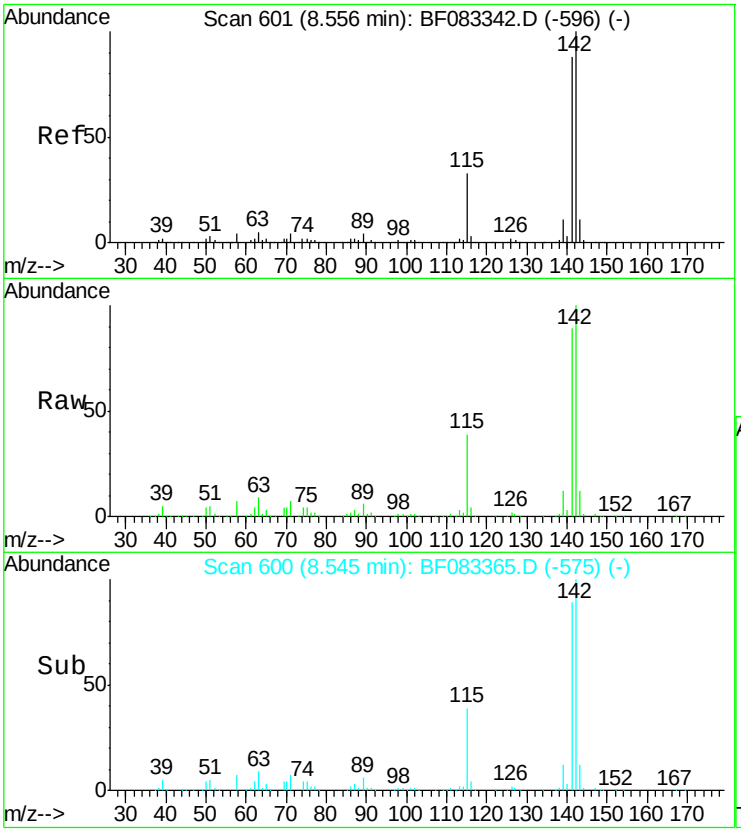




#36
4-Chloro-3-methylphenol
Concen: 38.67 ng
RT: 8.43 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:107 Resp: 435061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.7 | 21.1 | 31.7 |
| 142 | 72.8 | 65.1 | 97.7 |



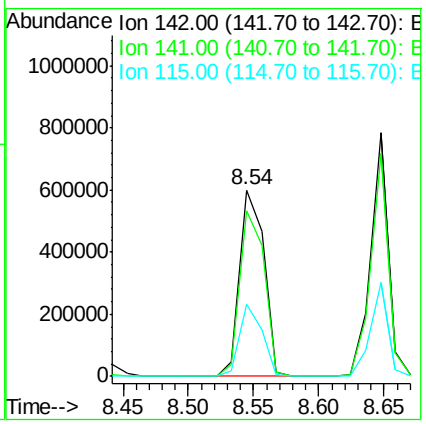


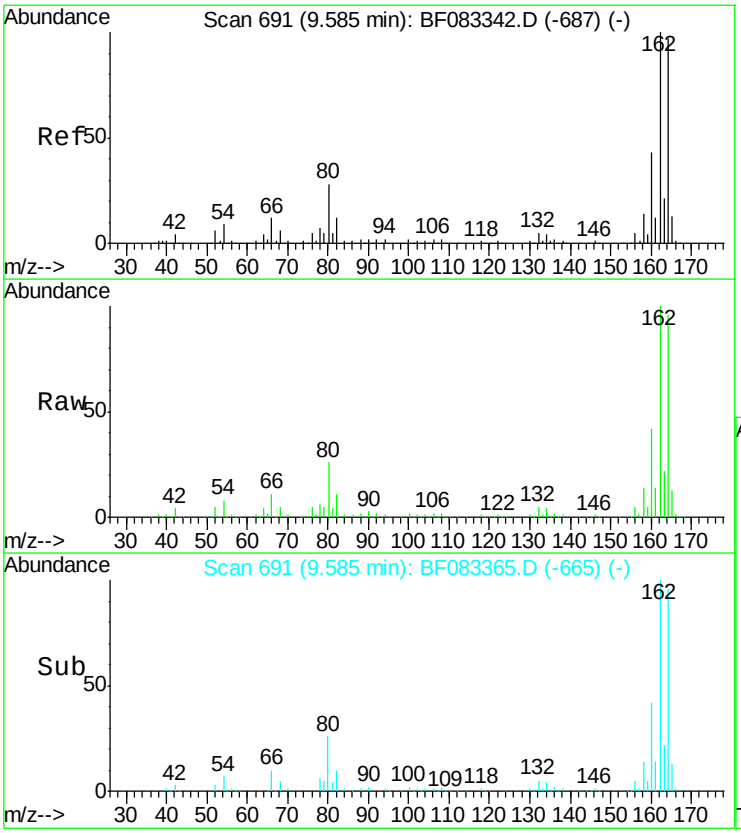

#37
2-Methylnaphthalene
Concen: 33.99 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:142 Resp: 773352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.2 | 70.6 | 105.8 |
| 115 | 38.7 | 26.2 | 39.2 |

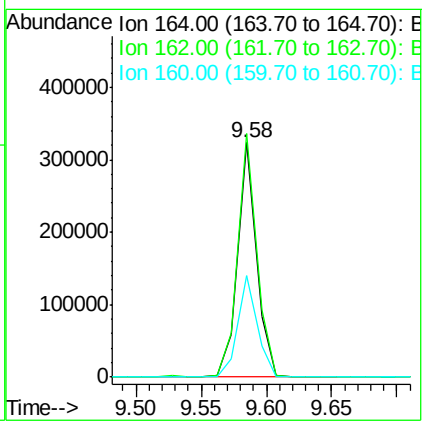


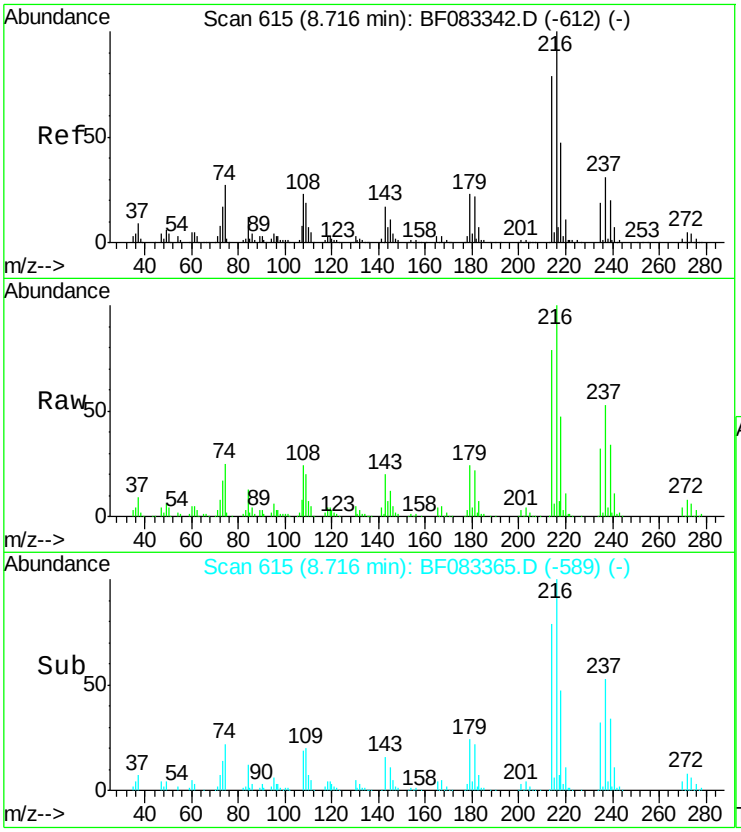




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:164 Resp: 323508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 82.6 | 123.8 |
| 160 | 43.3 | 35.3 | 52.9 |



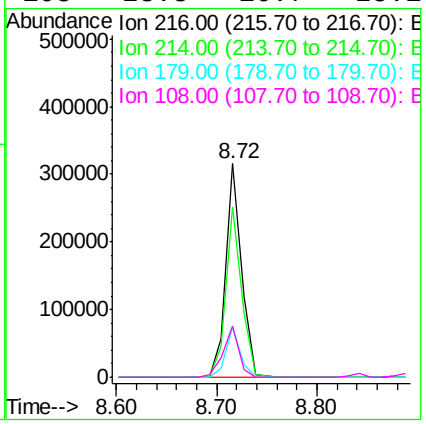


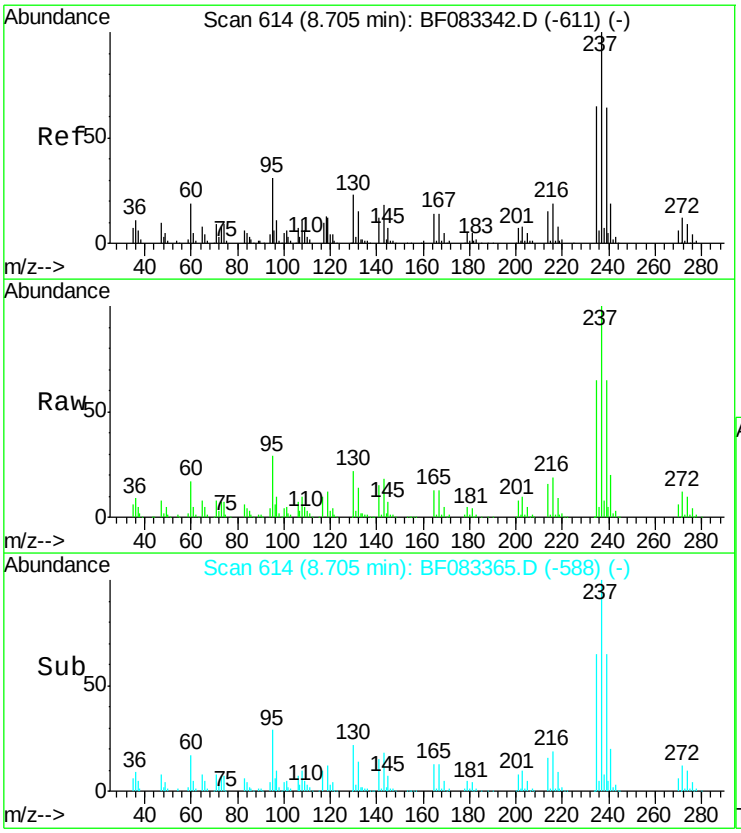

#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.28 ng
RT: 8.72 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:216 Resp: 341335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.8 | 62.3 | 93.5 |
| 179 | 21.9 | 17.0 | 25.4 |
| 108 | 23.8 | 16.7 | 25.1 |

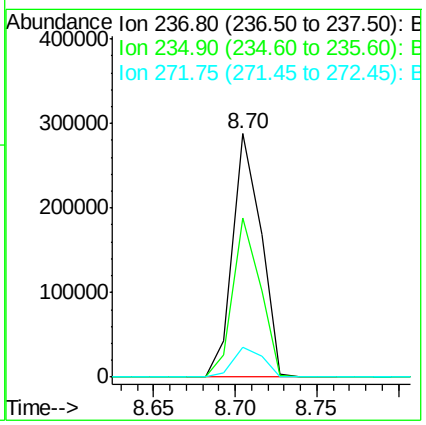


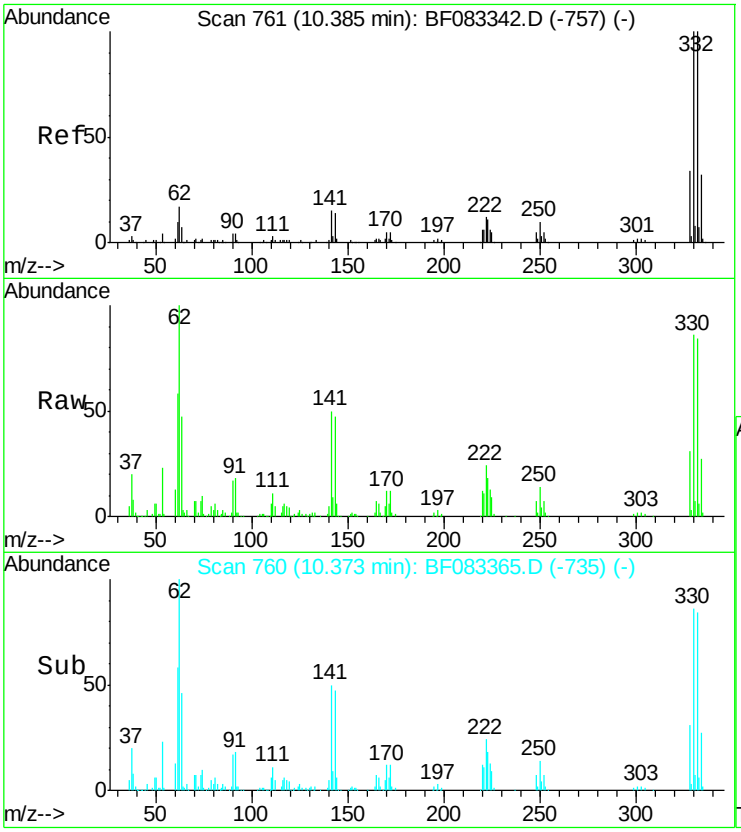




#40
Hexachlorocyclopentadiene
Concen: 70.86 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:237 Resp: 345172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.2 | 44.5 | 84.5 |
| 272 | 12.1 | 0.0 | 31.6 |



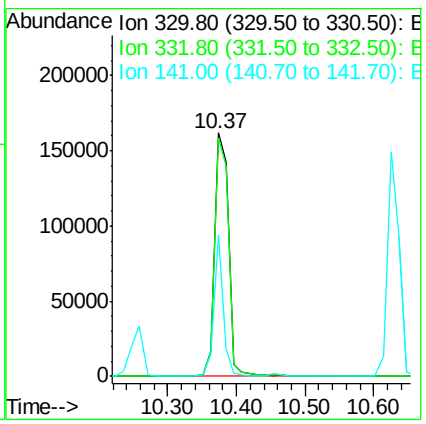


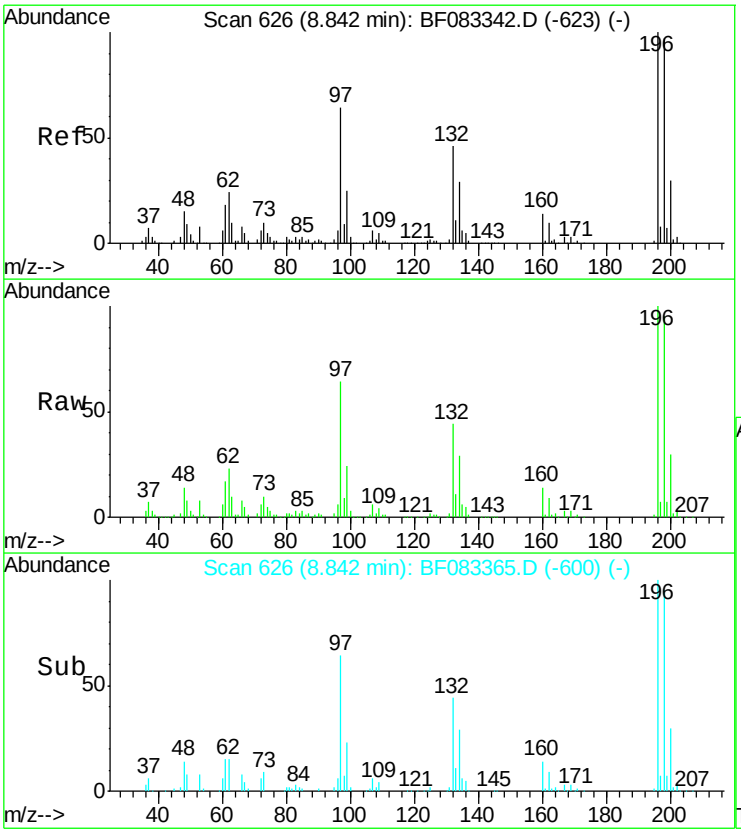

#41
2,4,6-Tribromophenol
Concen: 71.99 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:330 Resp: 233779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.8 | 77.8 | 116.6 |
| 141 | 38.3 | 29.4 | 44.0 |

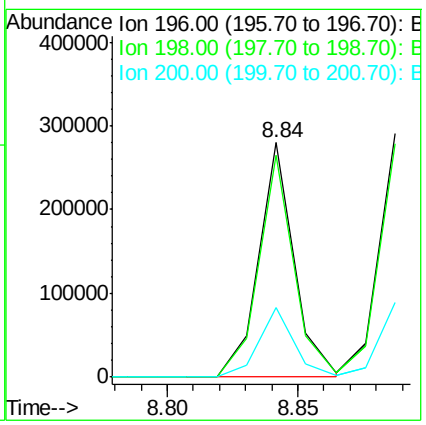


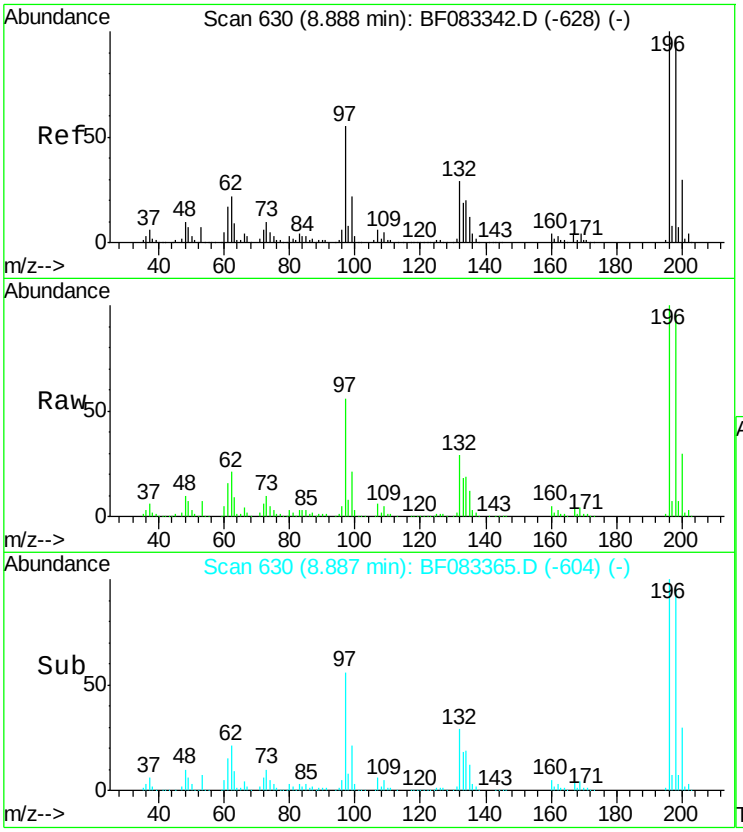




#42
2,4,6-Trichlorophenol
Concen: 36.86 ng
RT: 8.84 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:196 Resp: 265115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.6 | 77.2 | 115.8 |
| 200 | 29.8 | 24.2 | 36.4 |



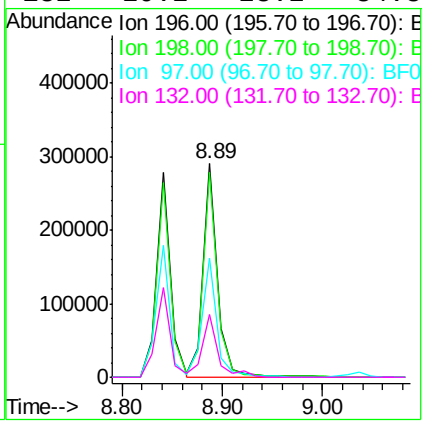


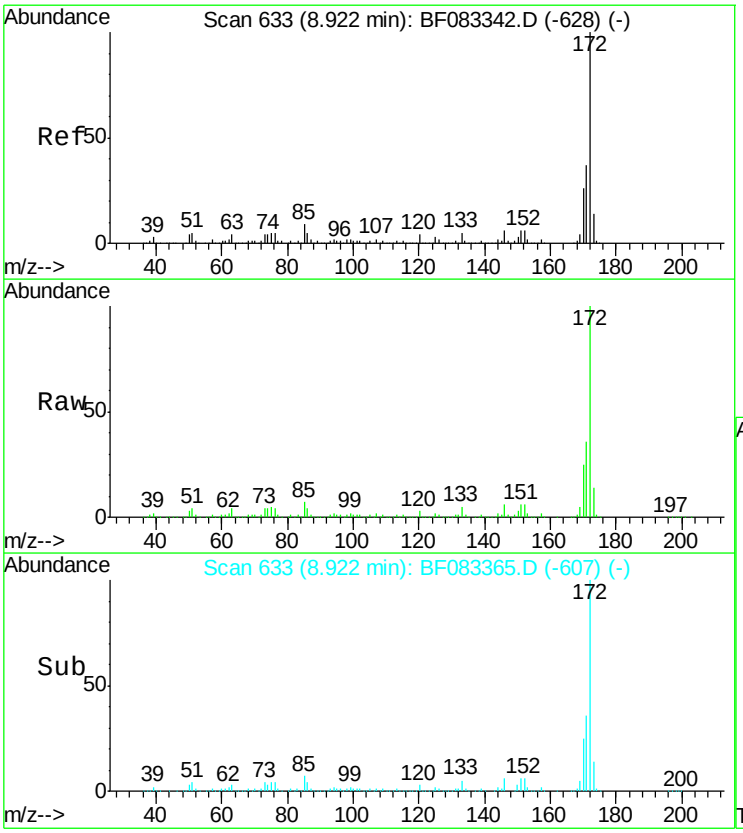

#43
2,4,5-Trichlorophenol
Concen: 38.67 ng
RT: 8.89 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:196 Resp: 288187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.0 | 77.2 | 115.8 |
| 97 | 55.7 | 44.4 | 66.6 |
| 132 | 29.2 | 23.2 | 34.8 |

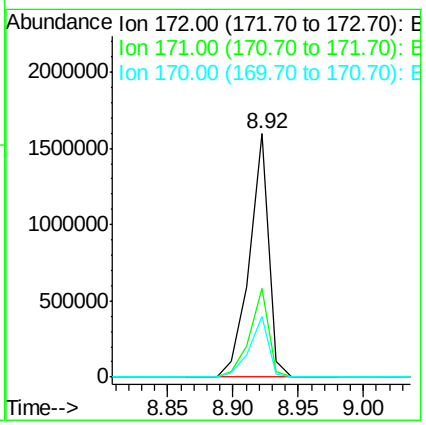


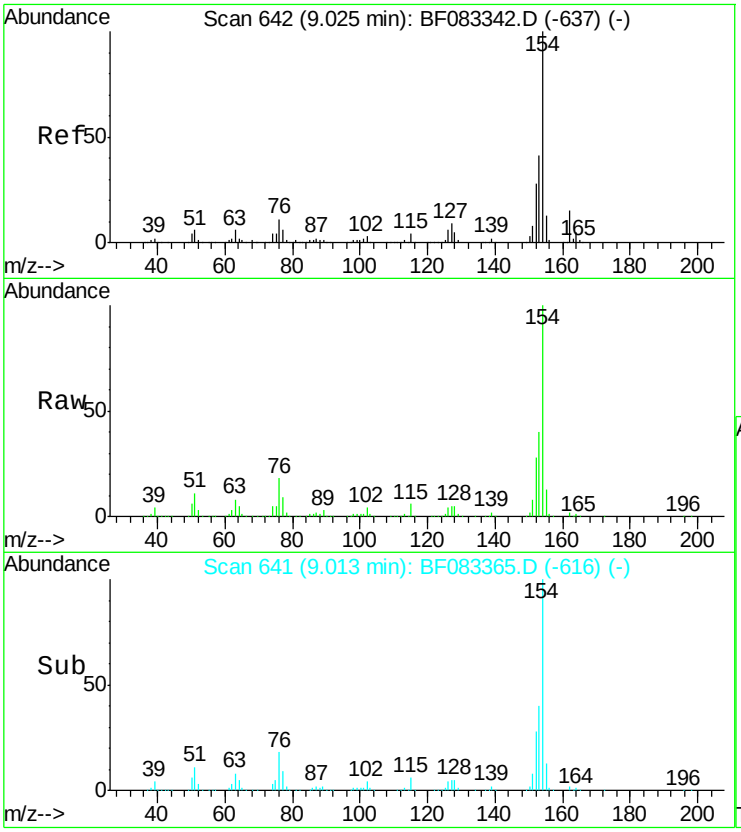




#44
2-Fluorobiphenyl
Concen: 72.82 ng
RT: 8.92 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:172 Resp: 1653150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 29.4 | 44.0 |
| 170 | 25.1 | 20.4 | 30.6 |



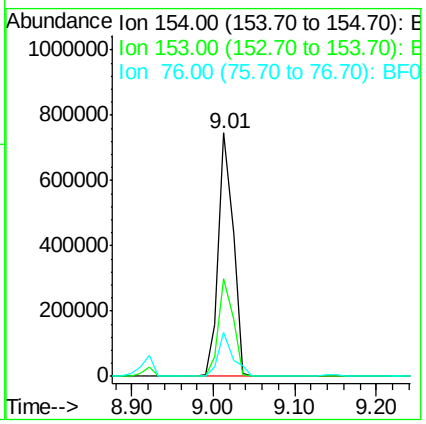


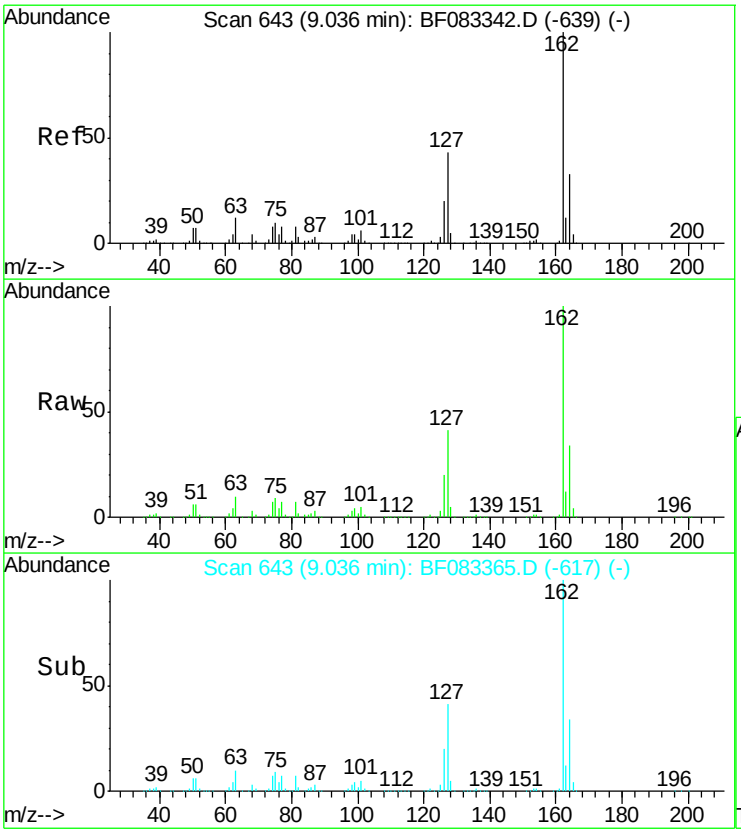

#45
1,1'-Biphenyl
Concen: 32.98 ng
RT: 9.01 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:154 Resp: 935648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.1 | 20.6 | 60.6 |
| 76 | 18.1 | 0.0 | 30.5 |

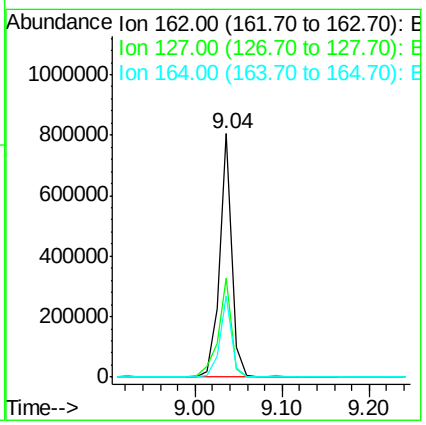


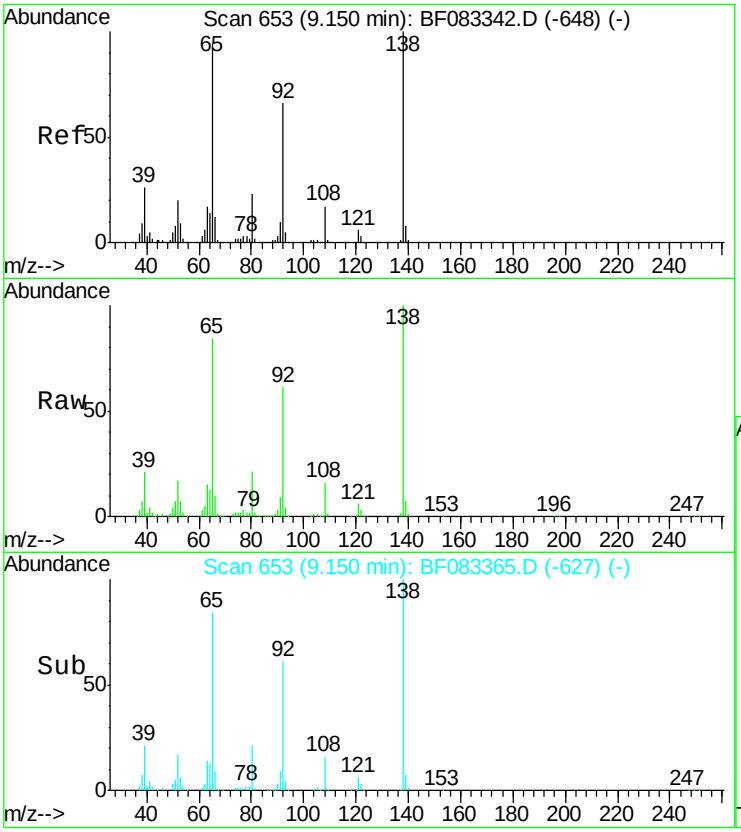




#46
2-Chloronaphthalene
Concen: 36.68 ng
RT: 9.04 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:162 Resp: 792869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.8 | 34.1 | 51.1 |
| 164 | 33.5 | 26.6 | 39.8 |



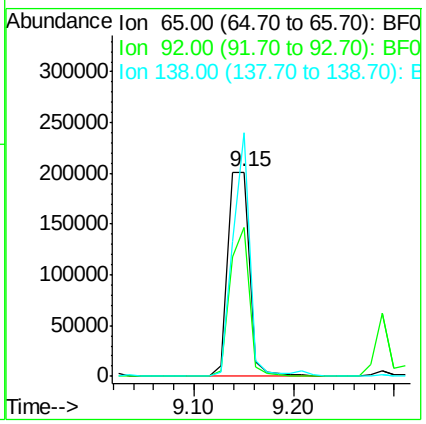


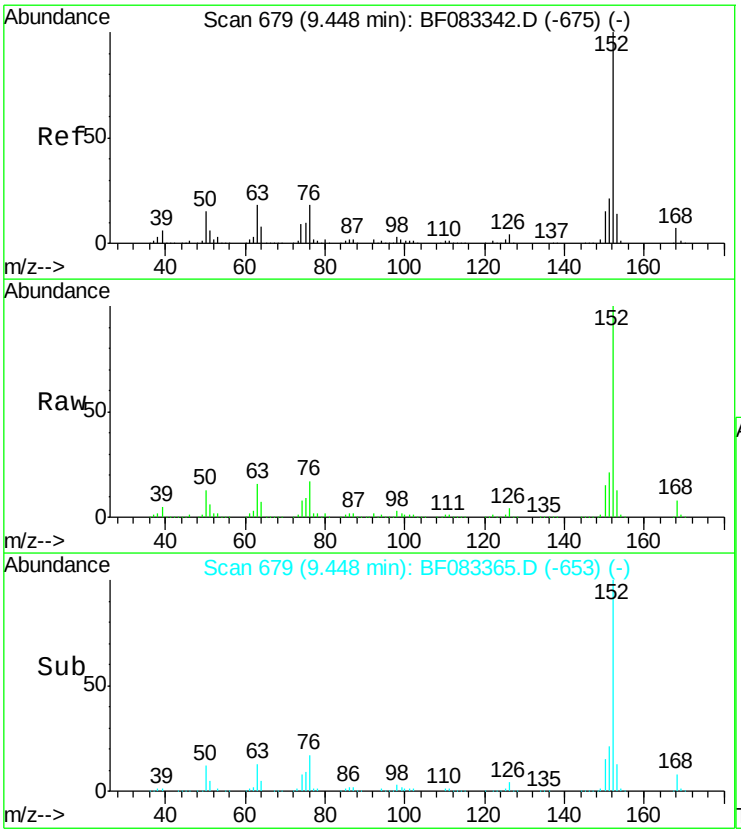

#47
2-Nitroaniline
Concen: 35.08 ng
RT: 9.15 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion: 65 Resp: 300374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 72.8 | 56.2 | 84.4 |
| 138 | 119.4 | 85.4 | 128.0 |

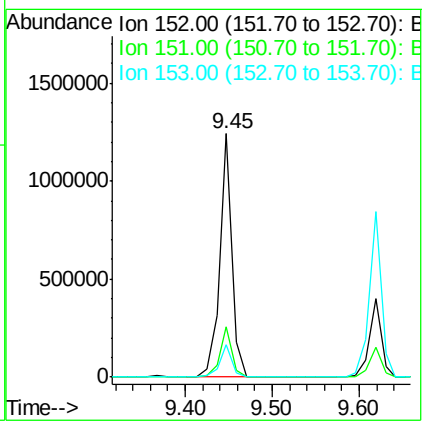


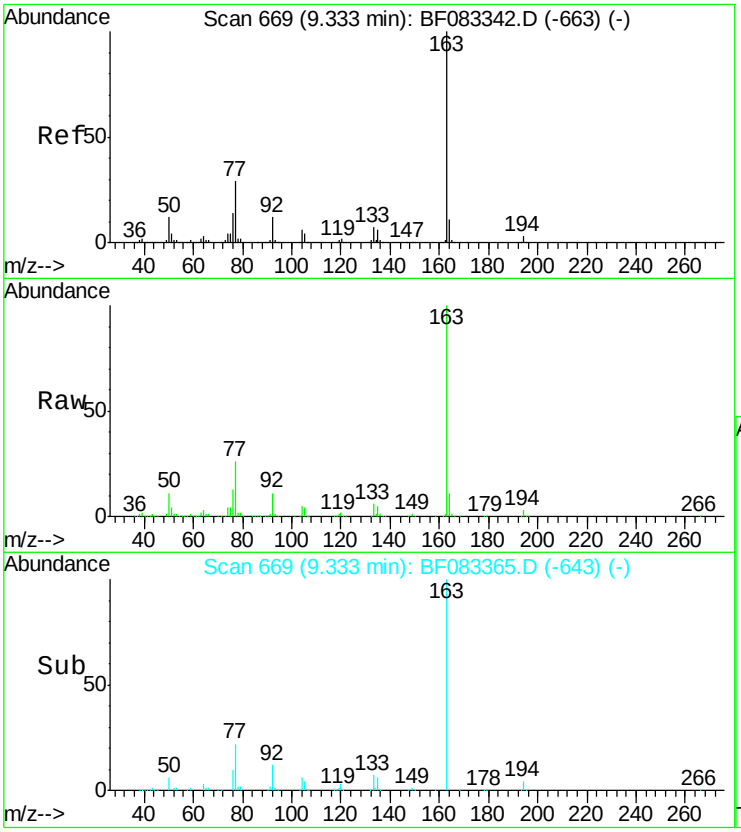




#48
Acenaphthylene
Concen: 35.47 ng
RT: 9.45 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:152 Resp: 1223121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.7 | 25.1 |
| 153 | 13.5 | 11.2 | 16.8 |



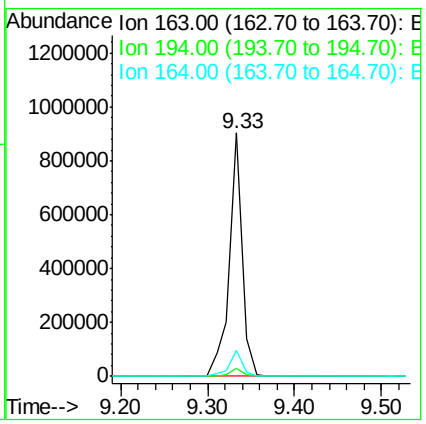


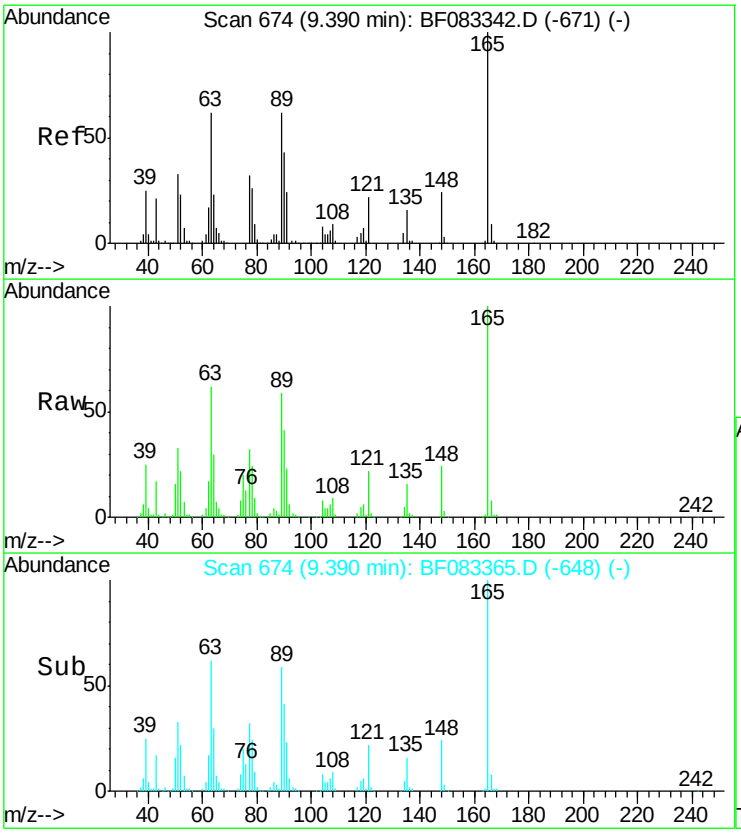

#49
Dimethylphthalate
Concen: 35.05 ng
RT: 9.33 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:163 Resp: 921615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.7 | 4.1 |
| 164 | 10.8 | 8.8 | 13.2 |

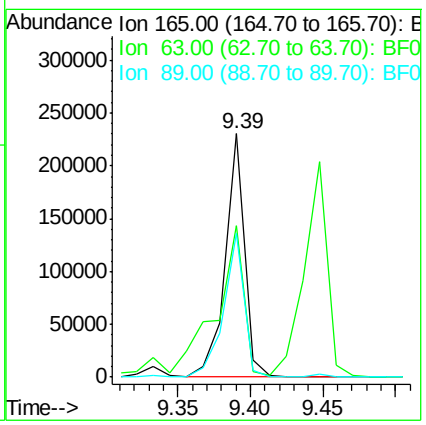


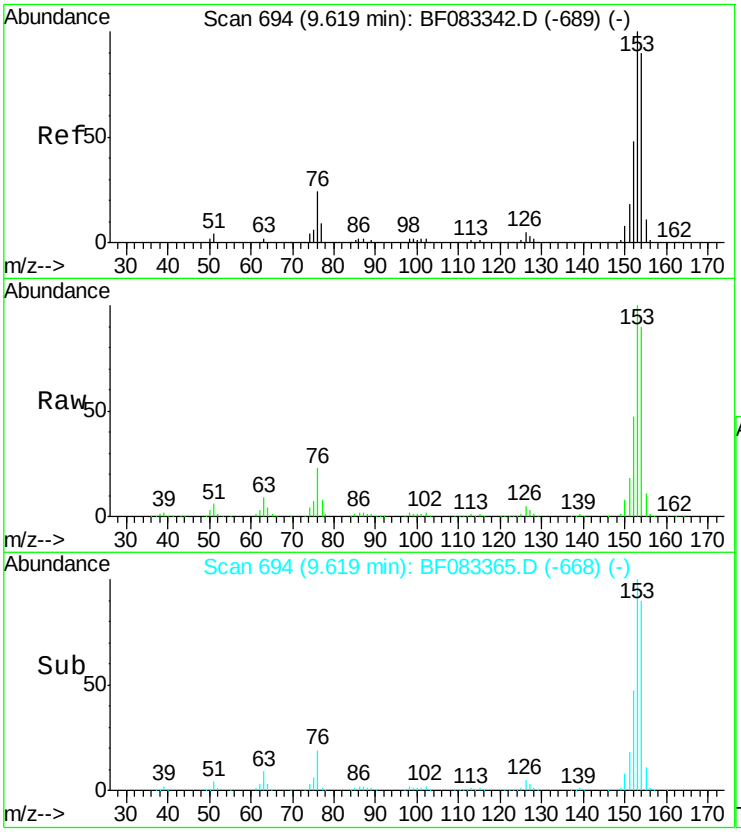




#50
2,6-Dinitrotoluene
Concen: 38.00 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:165 Resp: 213369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.0 | 56.0 | 84.0 |
| 89 | 58.9 | 49.8 | 74.8 |



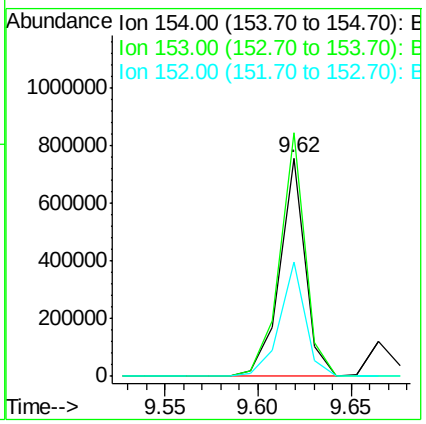


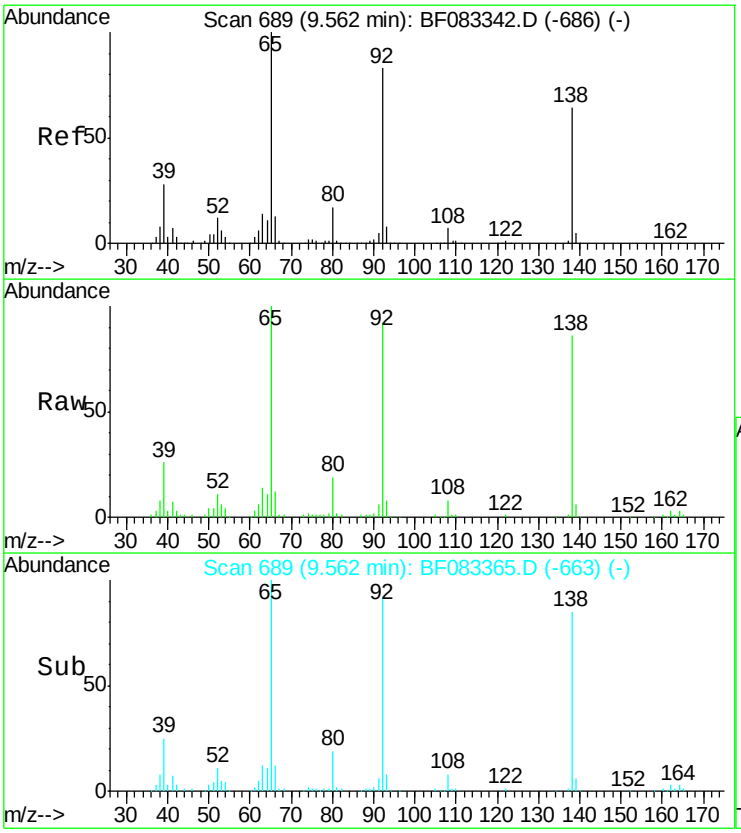

#51
Acenaphthene
Concen: 35.58 ng
RT: 9.62 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:154 Resp: 721747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.5 | 89.3 | 133.9 |
| 152 | 52.6 | 42.5 | 63.7 |

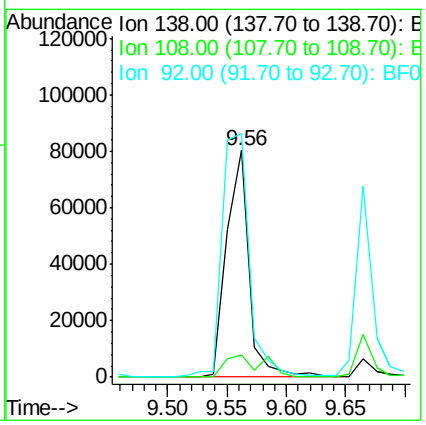


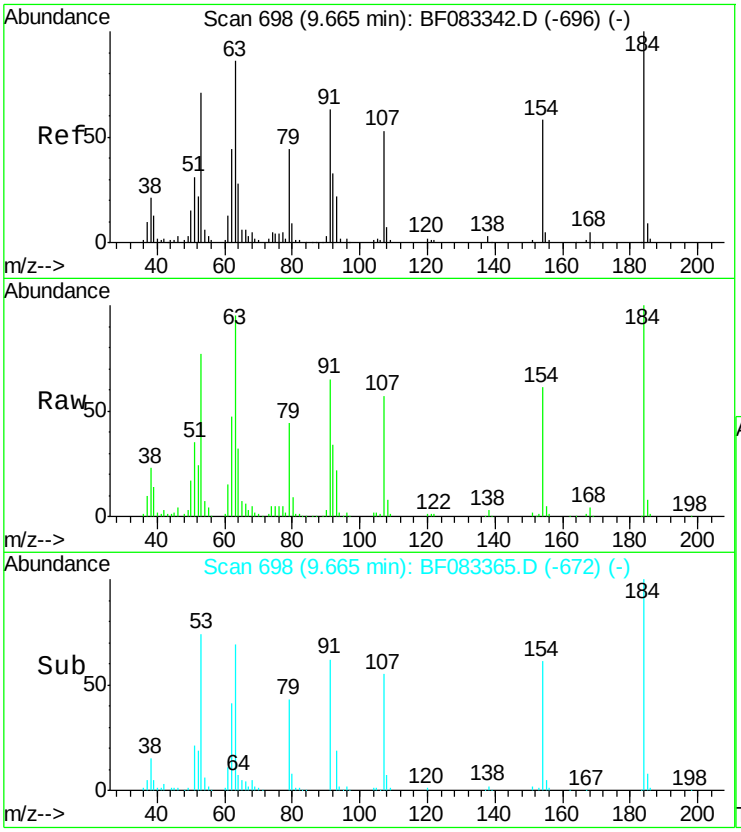




#52
3-Nitroaniline
Concen: 15.99 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:138 Resp: 105213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.7 | 8.4 | 12.6 |
| 92 | 107.4 | 104.2 | 156.4 |



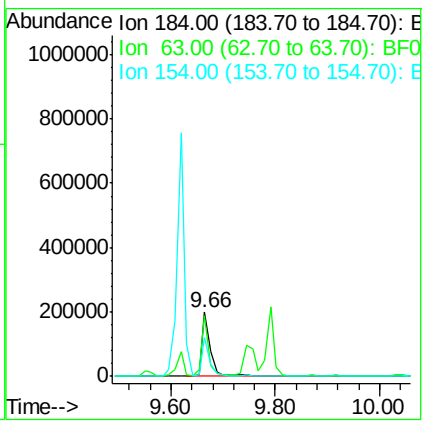


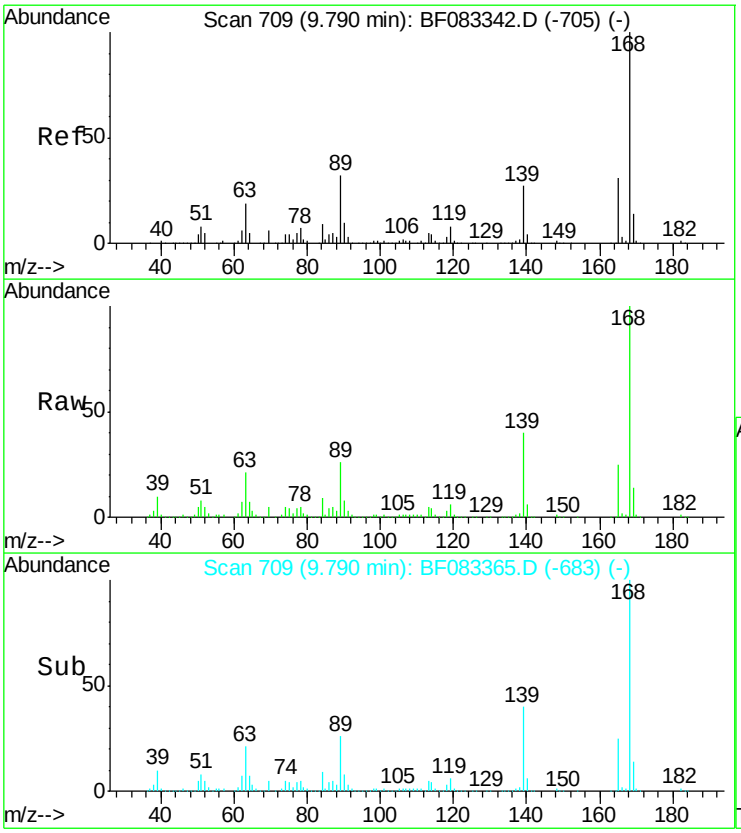

#53
2,4-Dinitrophenol
Concen: 67.32 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:184 Resp: 228316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 95.4 | 69.0 | 103.6 |
| 154 | 60.9 | 50.0 | 75.0 |

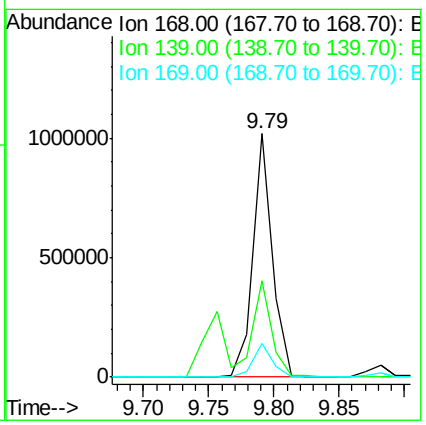


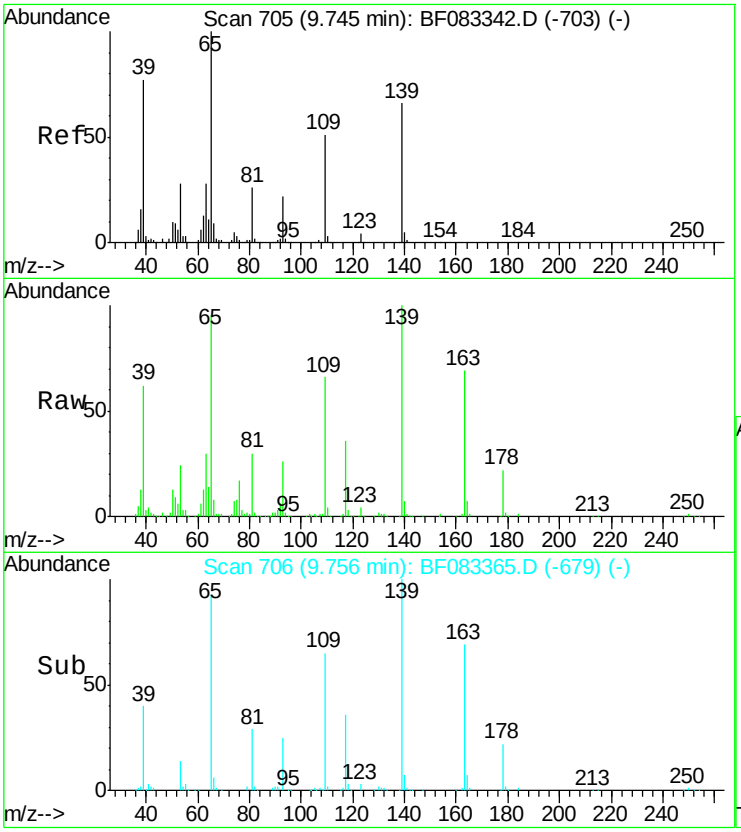




#54
Dibenzofuran
Concen: 35.74 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:168 Resp: 1062173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.7 | 32.7 | 49.1 |
| 169 | 13.8 | 11.1 | 16.7 |



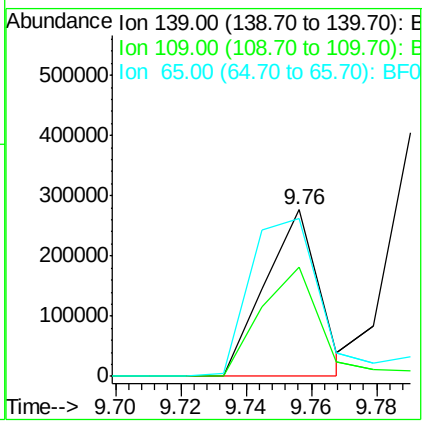


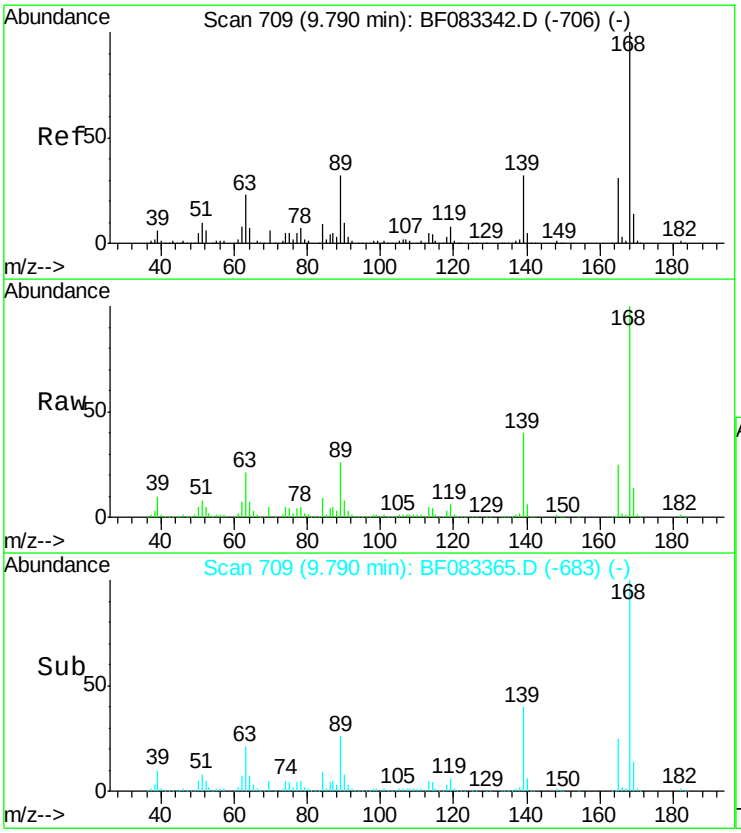

#55
4-Nitrophenol
Concen: 76.93 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:139 Resp: 316679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 65.6 | 57.4 | 97.4 |
| 65 | 94.5 | 131.6 | 171.6# |

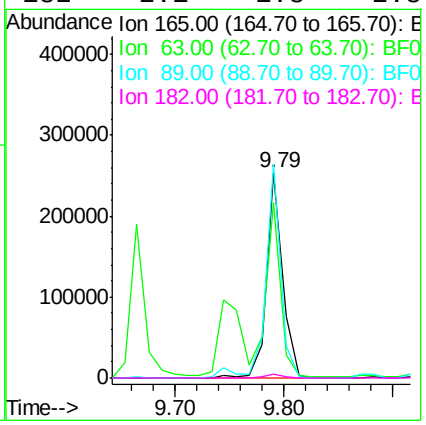


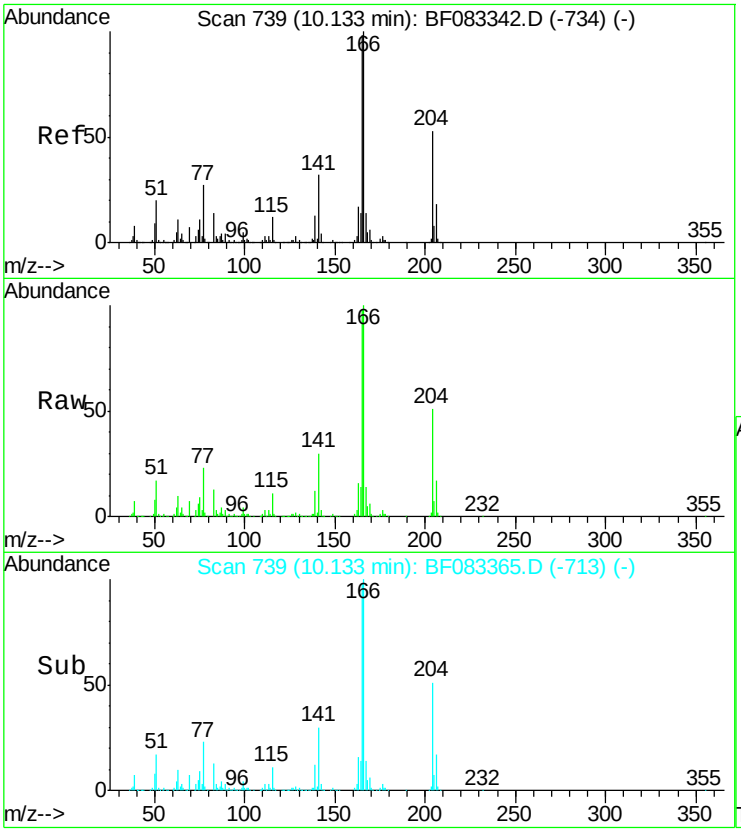




#56
2,4-Dinitrotoluene
Concen: 36.76 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:165 Resp: 261908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 85.7 | 65.4 | 98.0 |
| 89 | 104.0 | 81.2 | 121.8 |
| 182 | 2.1 | 1.8 | 2.8 |



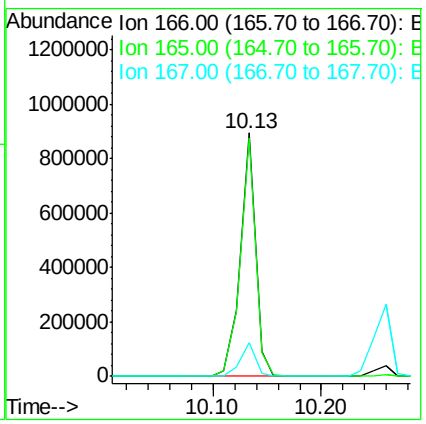


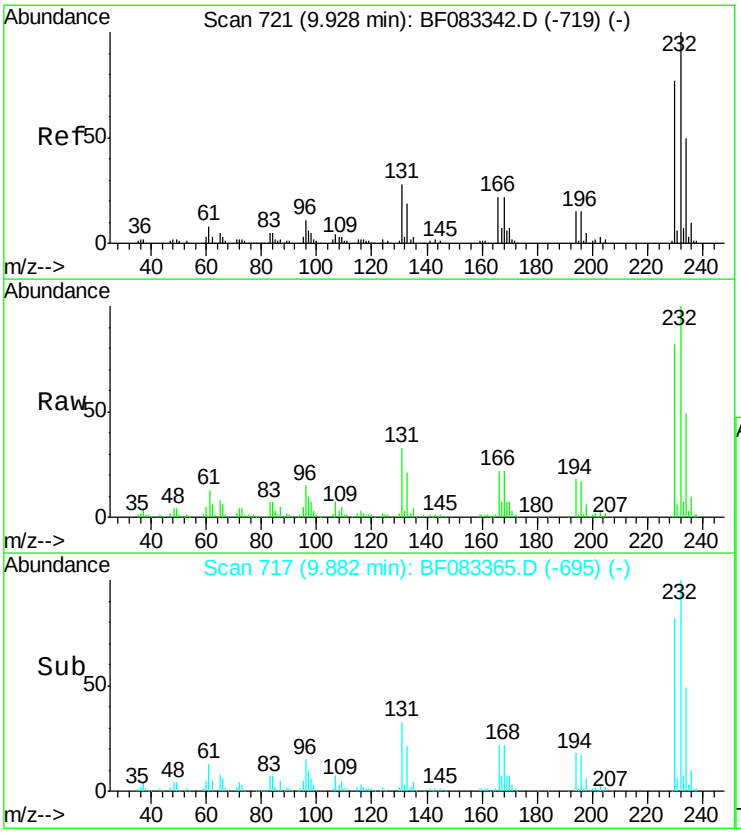

#57
Fluorene
Concen: 36.75 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:166 Resp: 862532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.7 | 78.3 | 117.5 |
| 167 | 13.8 | 11.1 | 16.7 |

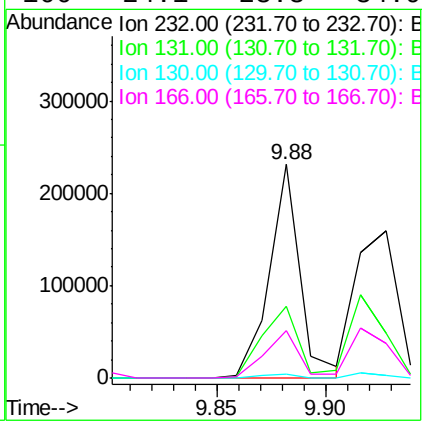


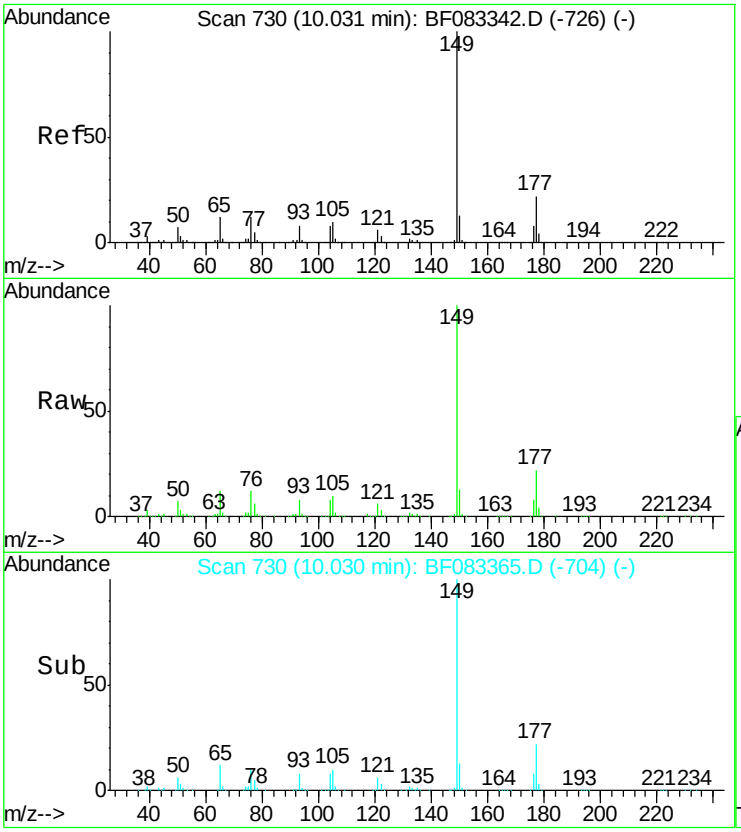




#58
2,3,4,6-Tetrachlorophenol
Concen: 37.99 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.05 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:232 Resp: 228428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 39.3 | 35.4 | 53.2 |
| 130 | 2.2 | 1.7 | 2.5 |
| 166 | 24.1 | 23.3 | 34.9 |



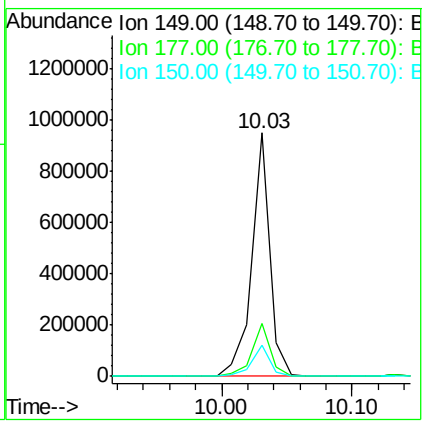


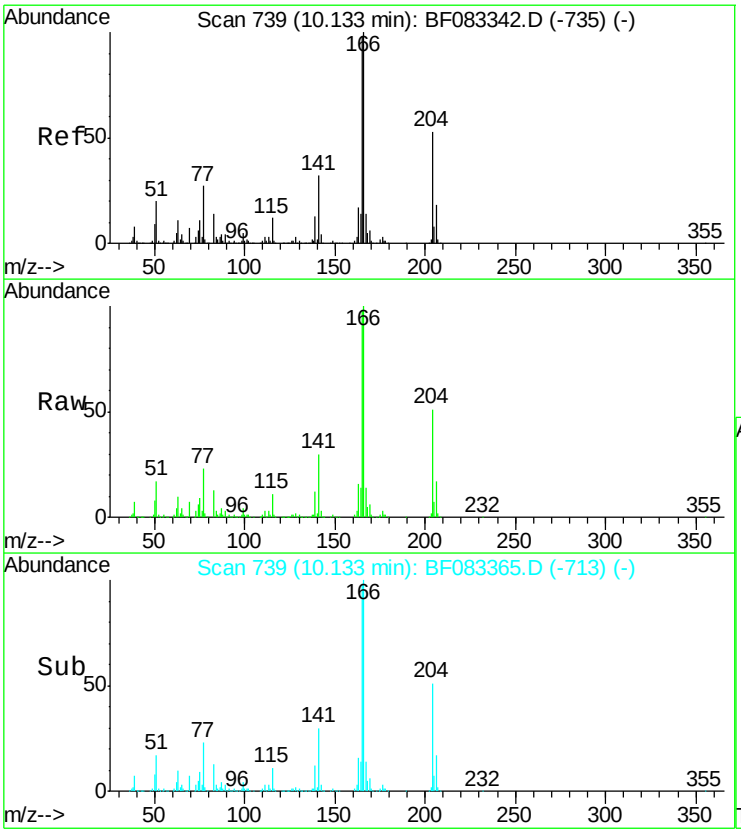

#59
Diethylphthalate
Concen: 36.66 ng
RT: 10.03 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:149 Resp: 918785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.0 | 17.4 | 26.2 |
| 150 | 12.8 | 10.4 | 15.6 |

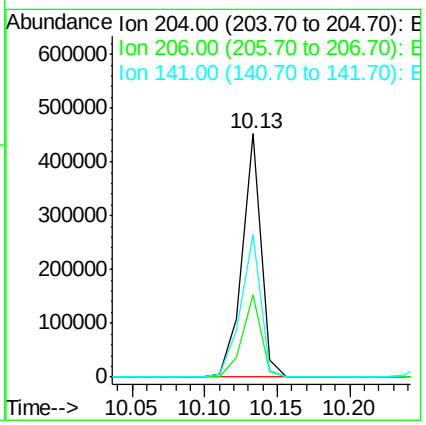


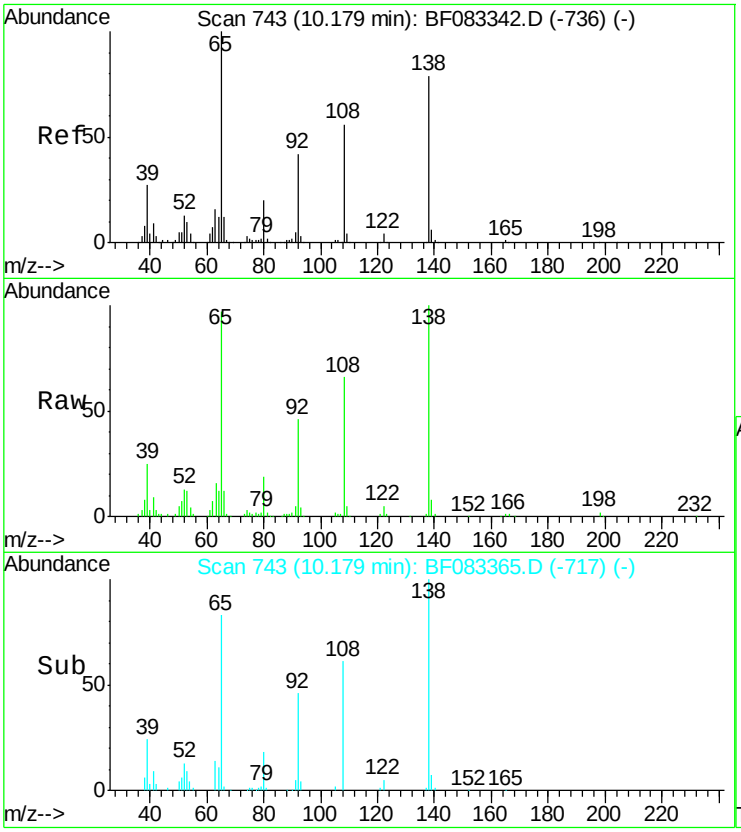




#60
4-Chlorophenyl-phenylether
Concen: 38.18 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:204 Resp: 411777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.8 | 27.5 | 41.3 |
| 141 | 58.6 | 48.1 | 72.1 |



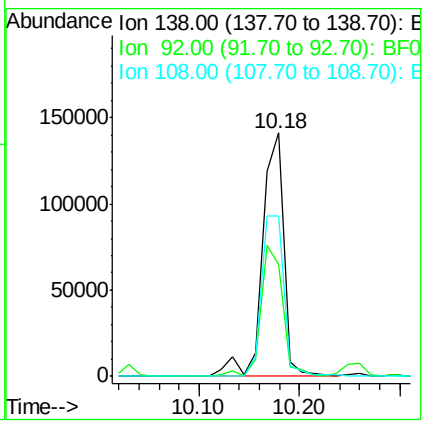


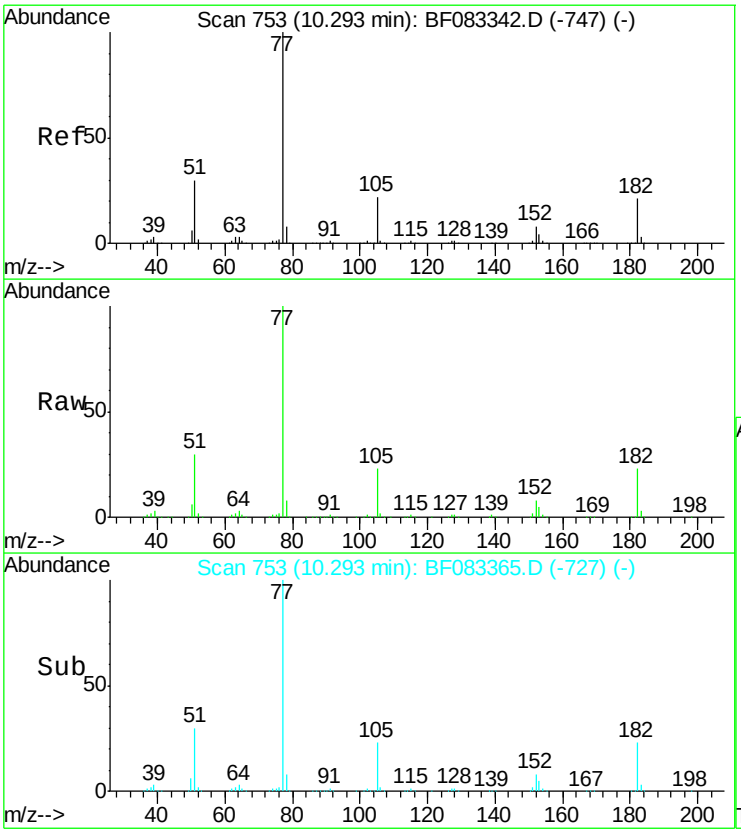

#61
4-Nitroaniline
Concen: 31.63 ng
RT: 10.18 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:138 Resp: 208245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.2 | 33.6 | 73.6 |
| 108 | 65.9 | 51.0 | 91.0 |

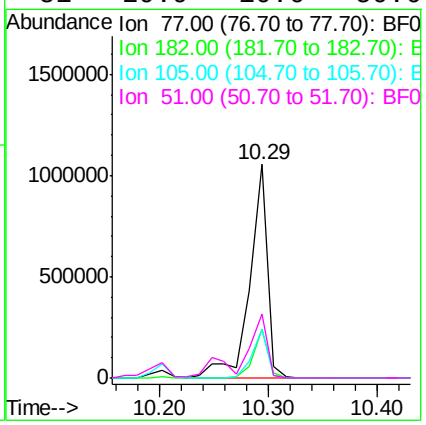


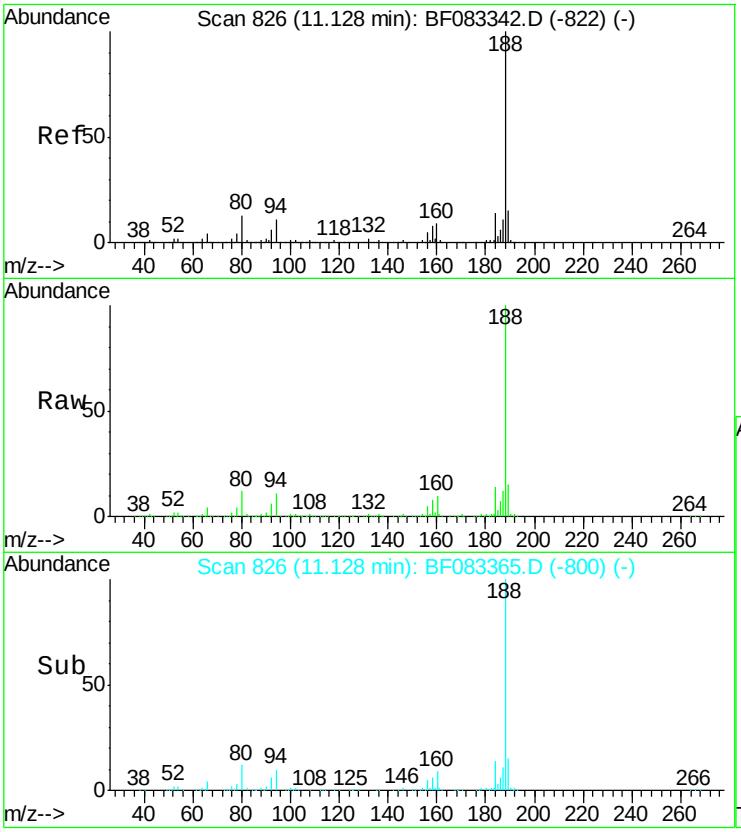




#62
Azobenzene
Concen: 39.48 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion: 77 Resp: 1195204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 22.9 | 0.8 | 40.8 |
| 105 | 22.6 | 2.3 | 42.3 |
| 51 | 29.9 | 10.6 | 50.6 |



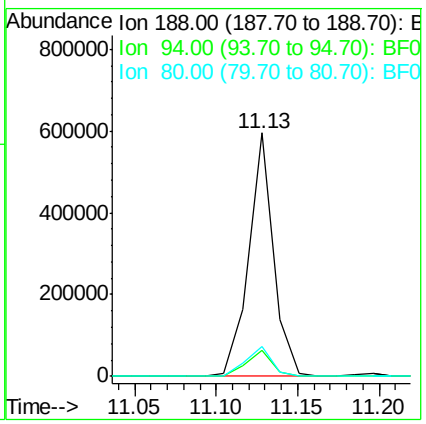


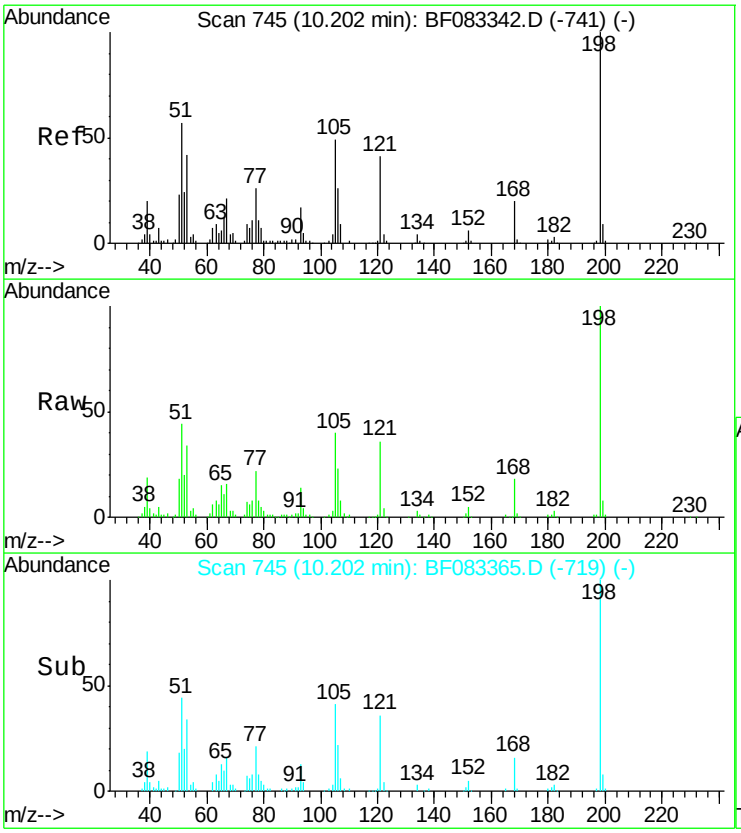

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:188 Resp: 626909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 8.7 | 13.1 |
| 80 | 12.1 | 10.3 | 15.5 |

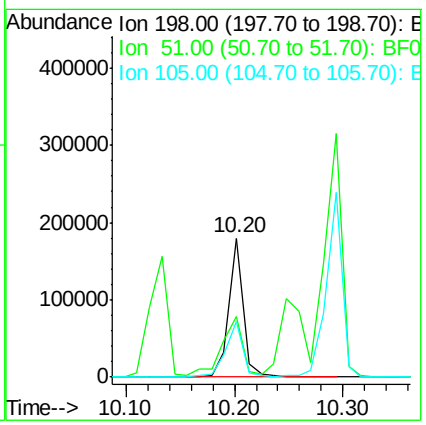


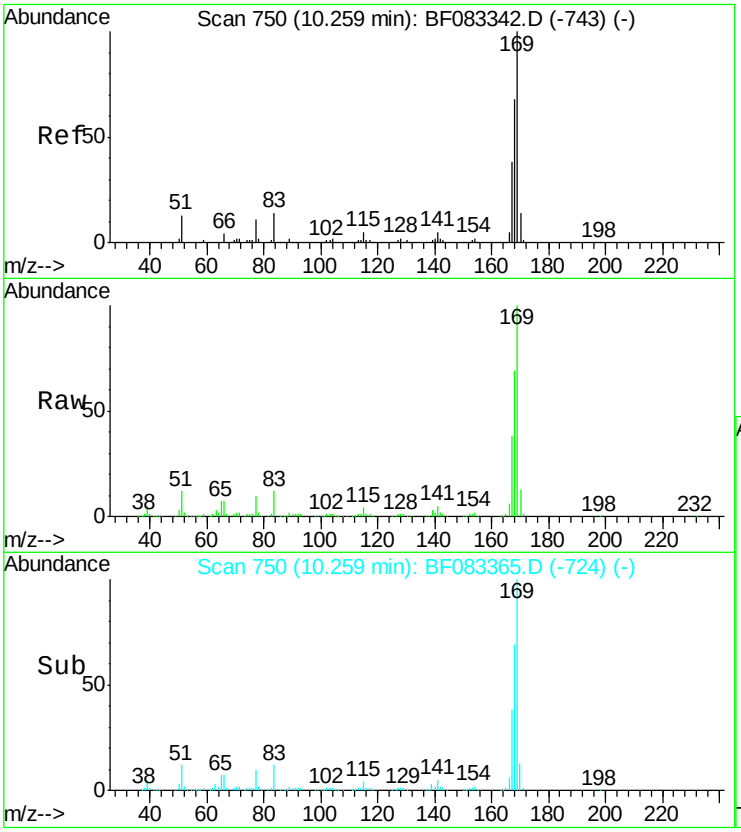




#64
4,6-Dinitro-2-methylphenol
Concen: 39.53 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:198 Resp: 166374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 43.8 | 38.3 | 78.3 |
| 105 | 40.4 | 29.2 | 69.2 |



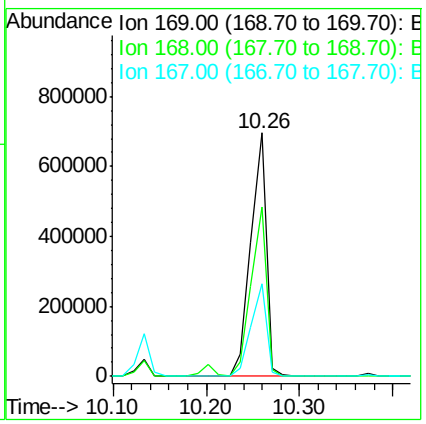


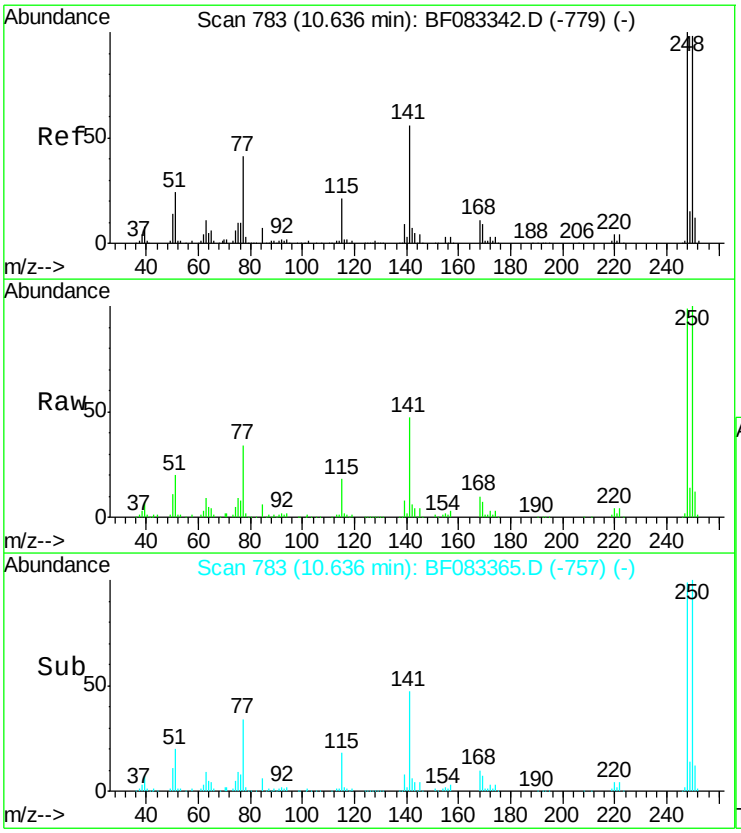

#65
n-Nitrosodiphenylamine
Concen: 36.59 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:169 Resp: 806163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.4 | 54.8 | 82.2 |
| 167 | 38.0 | 30.2 | 45.2 |

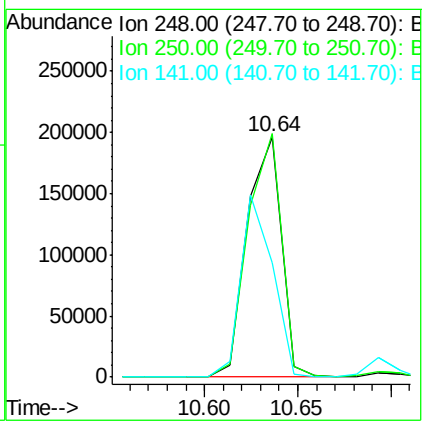


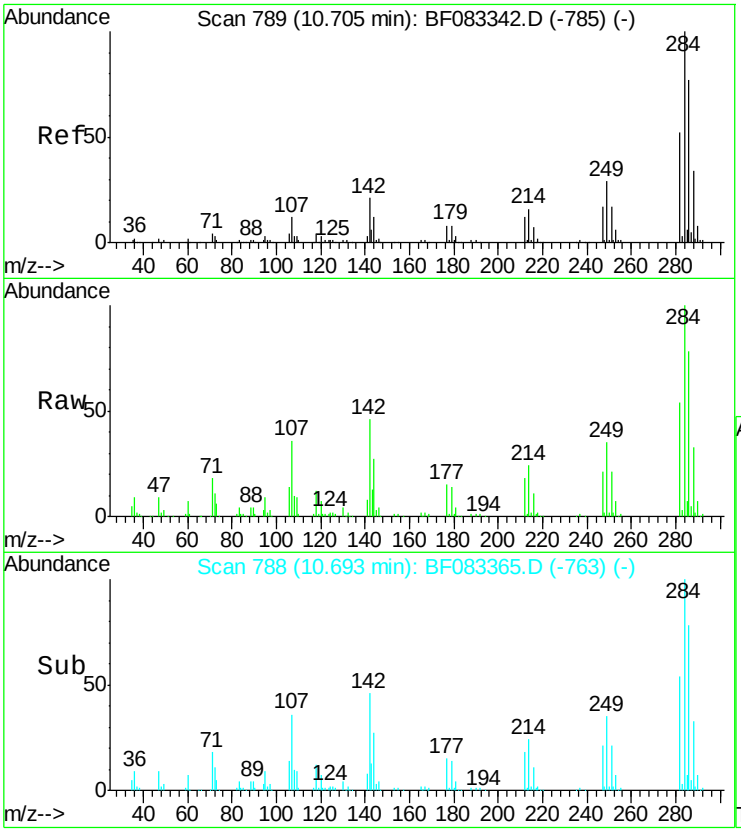




#66
4-Bromophenyl-phenylether
Concen: 36.47 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:248 Resp: 250097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.4 | 78.6 | 118.0 |
| 141 | 47.6 | 44.4 | 66.6 |



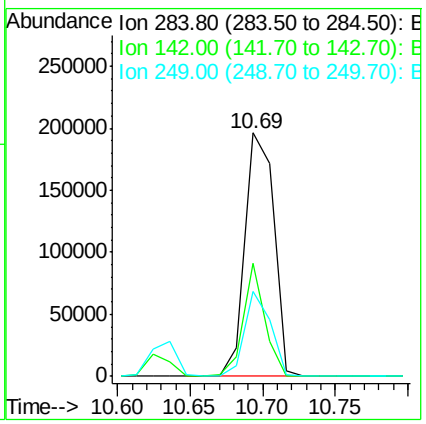


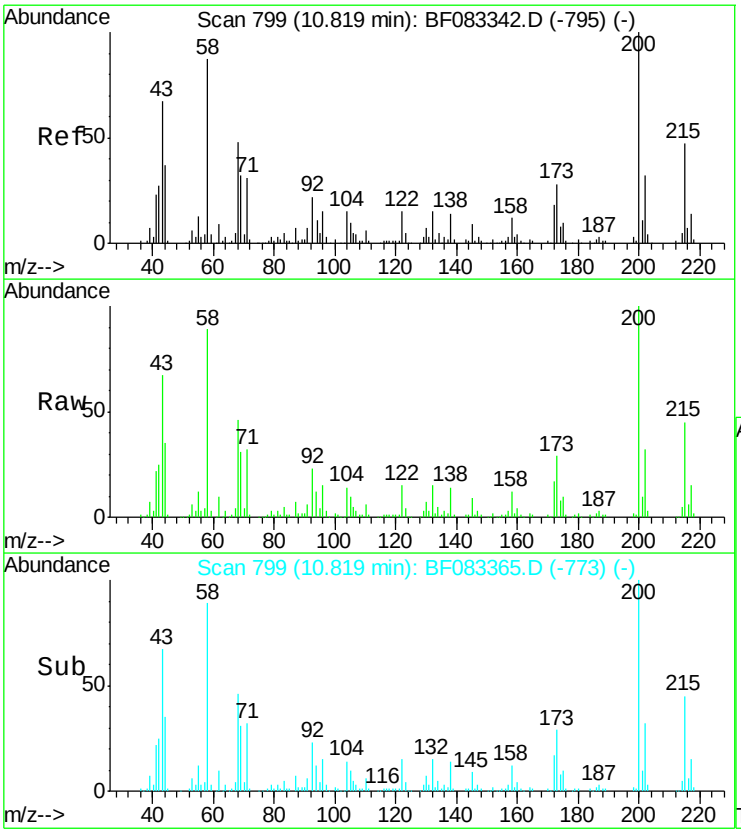

#67
Hexachlorobenzene
Concen: 35.97 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:284 Resp: 272754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 46.4 | 16.6 | 24.8# |
| 249 | 34.6 | 23.0 | 34.4# |

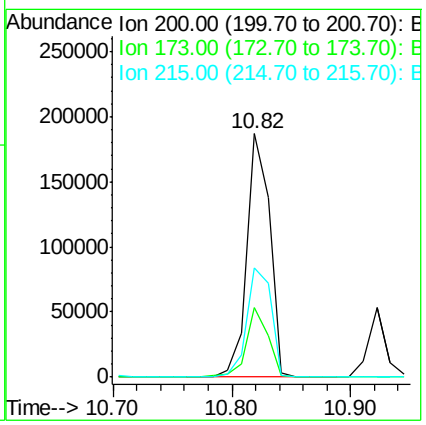


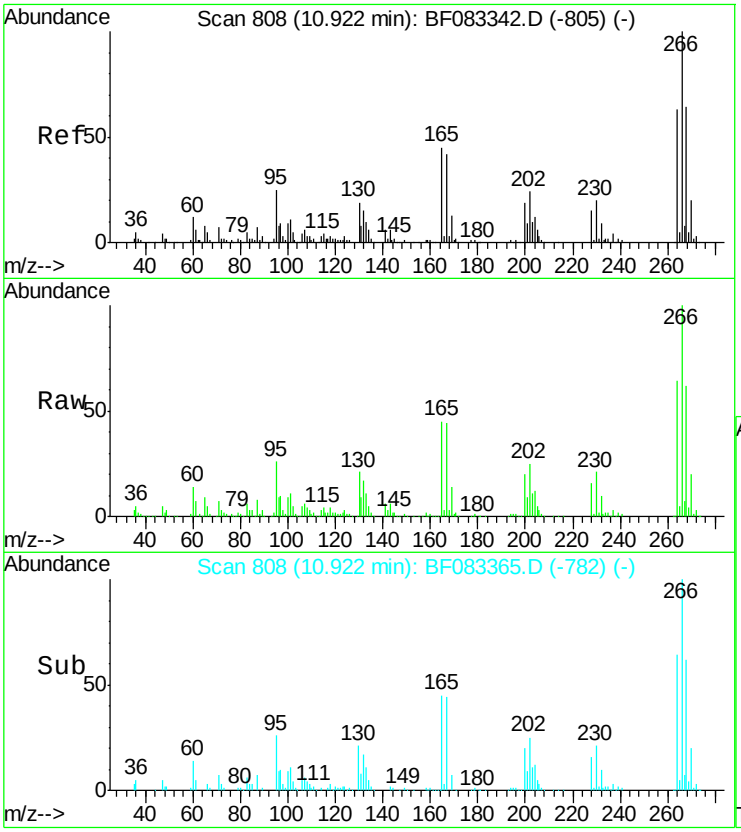




#68
Atrazine
Concen: 41.45 ng
RT: 10.82 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:200 Resp: 252556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.7 | 8.3 | 48.3 |
| 215 | 44.6 | 26.7 | 66.7 |



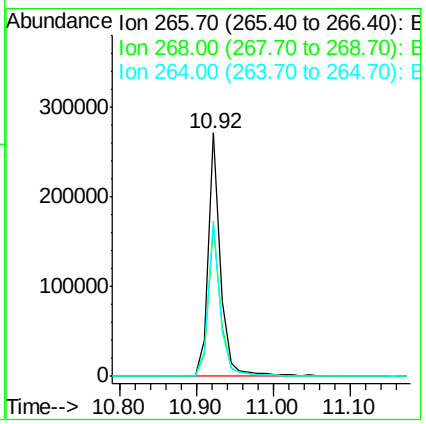


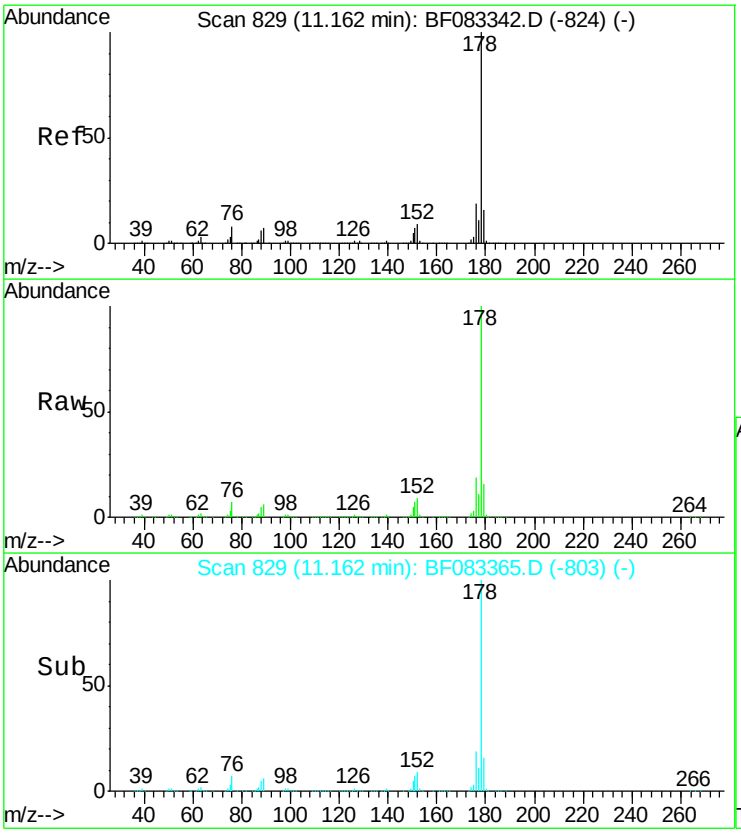

#69
Pentachlorophenol
Concen: 75.74 ng
RT: 10.92 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:266 Resp: 300847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.7 | 51.5 | 77.3 |
| 264 | 64.0 | 50.4 | 75.6 |

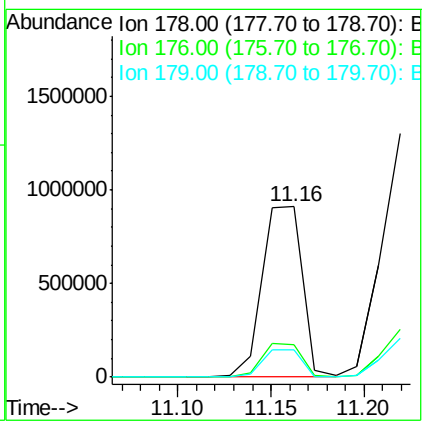


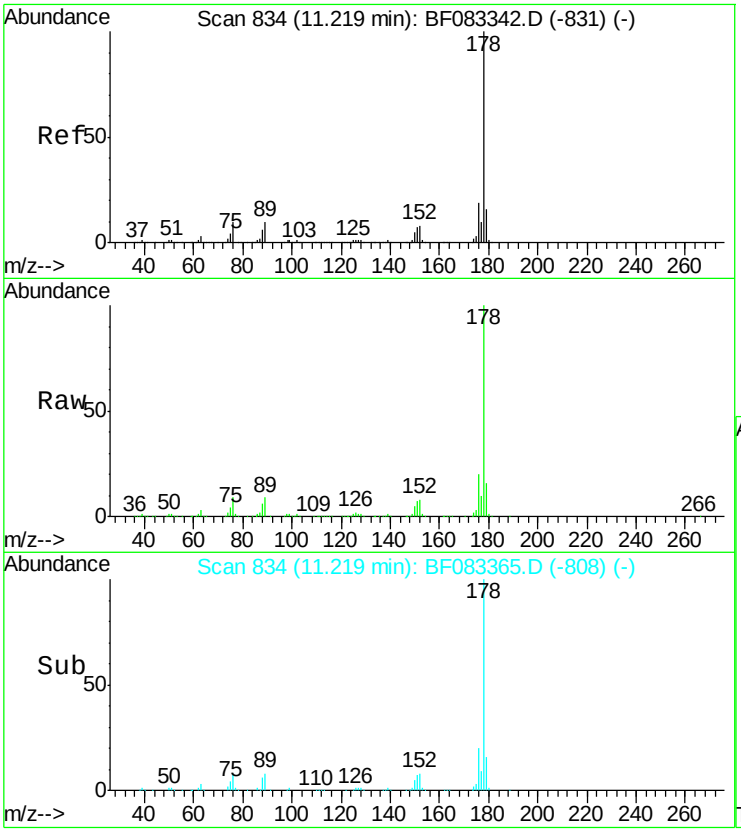




#70
Phenanthrene
Concen: 36.63 ng
RT: 11.16 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:178 Resp: 1358838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.3 | 22.9 |
| 179 | 15.7 | 12.4 | 18.6 |



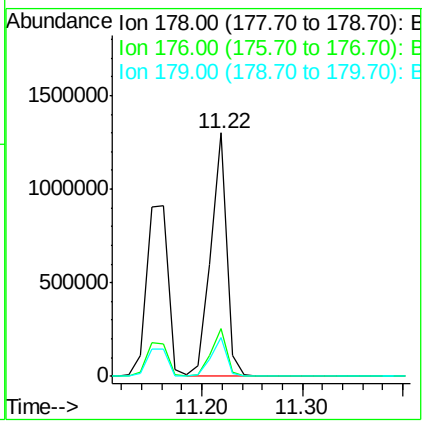


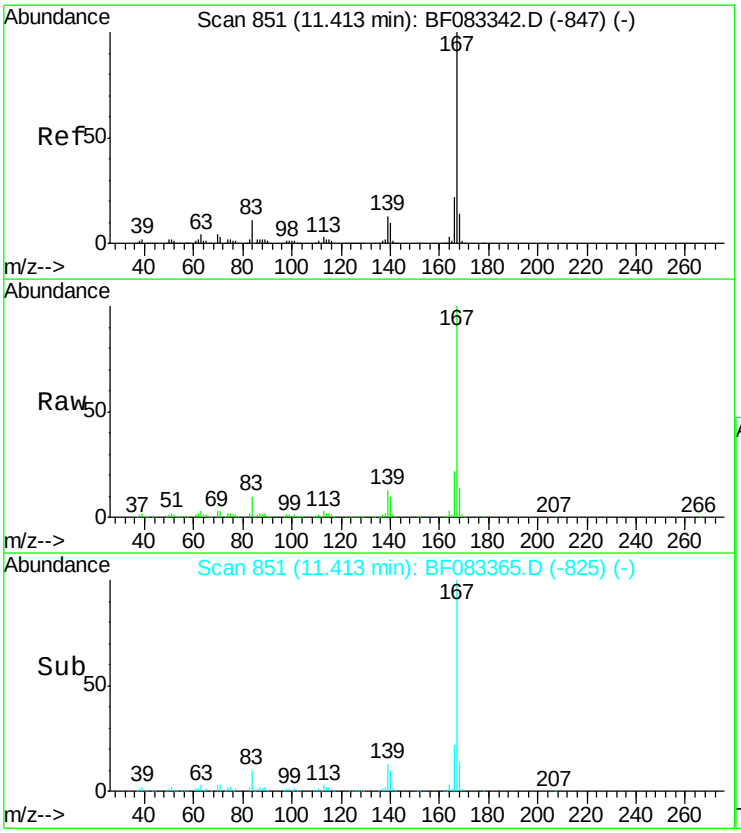

#71
Anthracene
Concen: 38.18 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:178 Resp: 1425962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.6 | 23.4 |
| 179 | 16.0 | 12.8 | 19.2 |

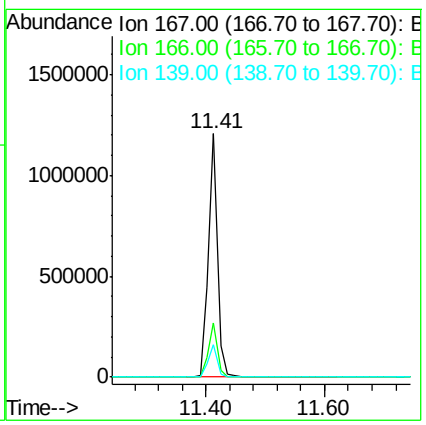


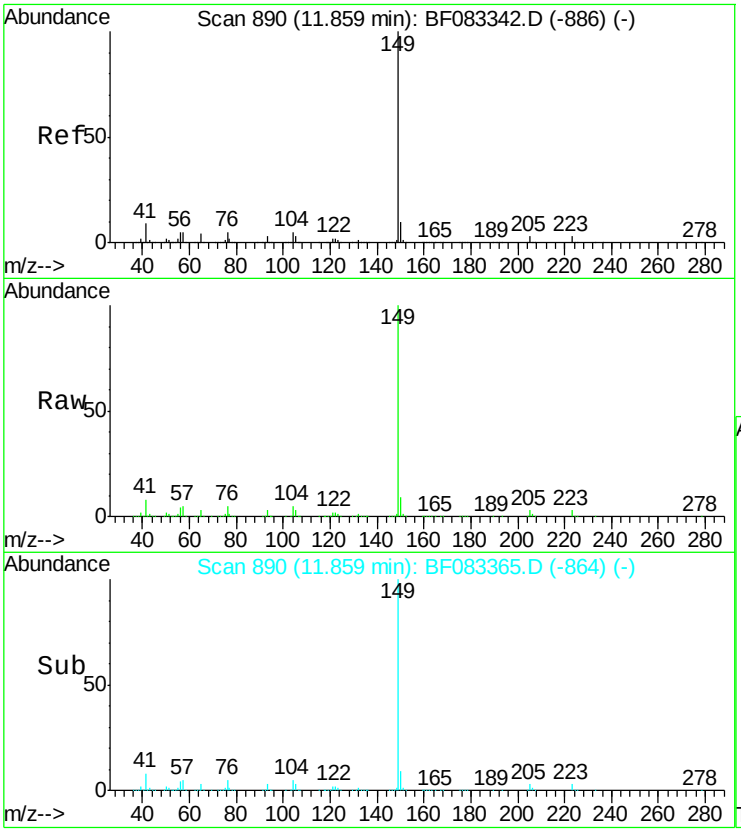




#72
Carbazole
Concen: 38.06 ng
RT: 11.41 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:167 Resp: 1277227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.1 | 17.4 | 26.0 |
| 139 | 13.1 | 10.5 | 15.7 |



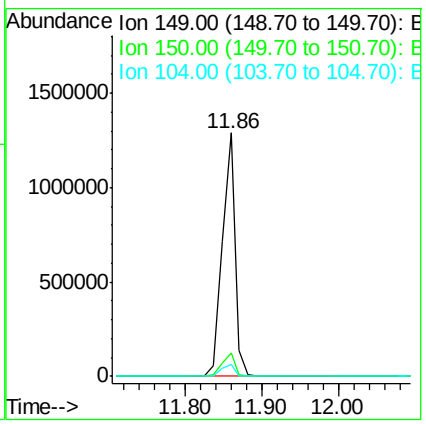


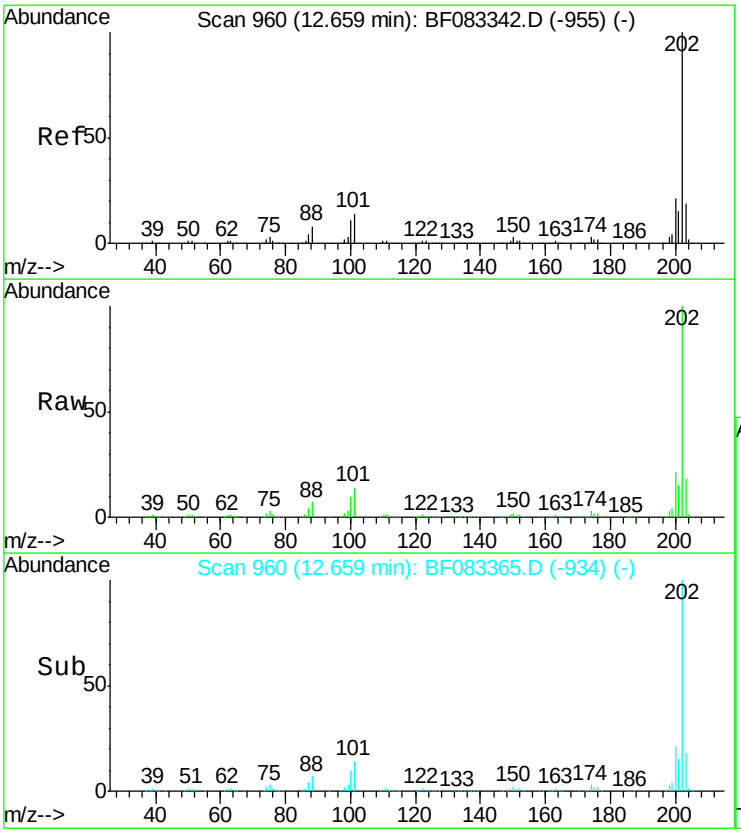

#73
Di-n-butylphthalate
Concen: 38.11 ng
RT: 11.86 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:149 Resp: 1515556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.7 | 11.5 |
| 104 | 4.8 | 4.0 | 6.0 |

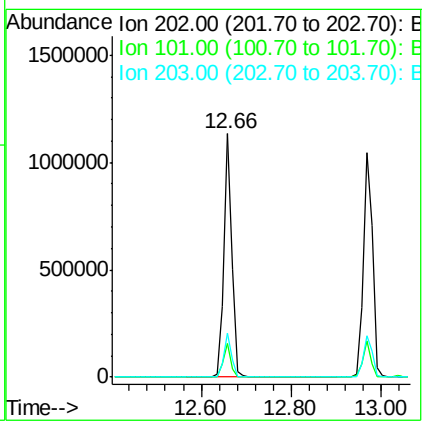


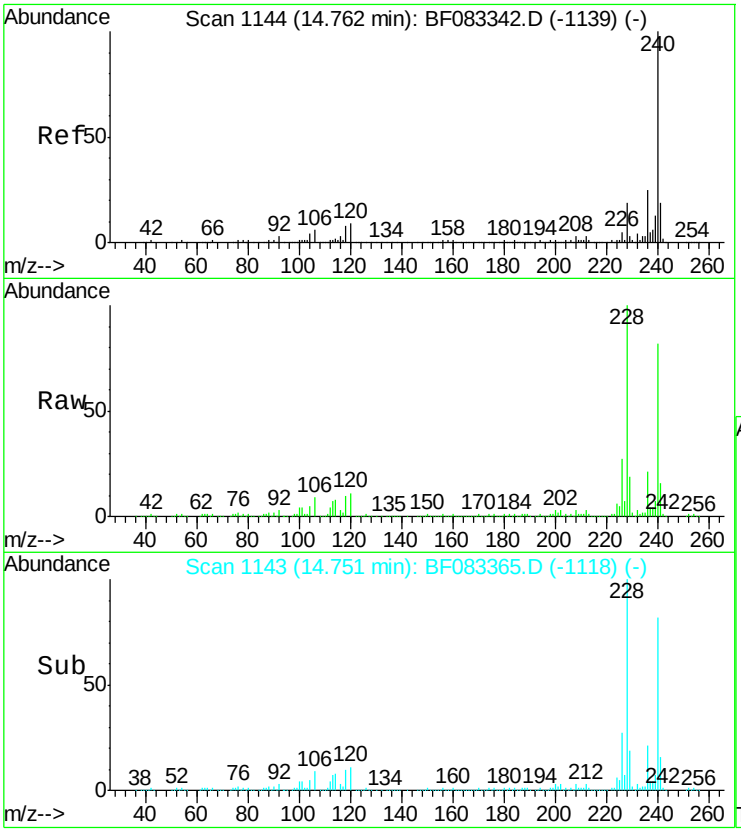




#74
Fluoranthene
Concen: 36.32 ng
RT: 12.66 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:202 Resp: 1396879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.7 | 0.0 | 34.5 |
| 203 | 18.1 | 0.0 | 38.7 |



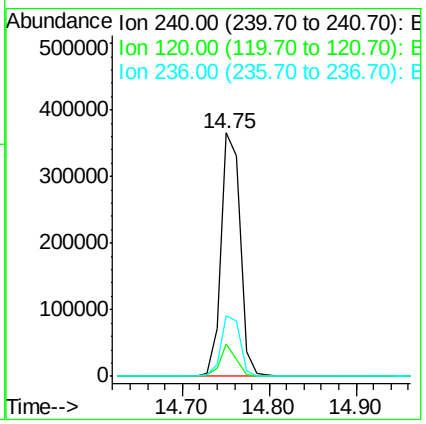


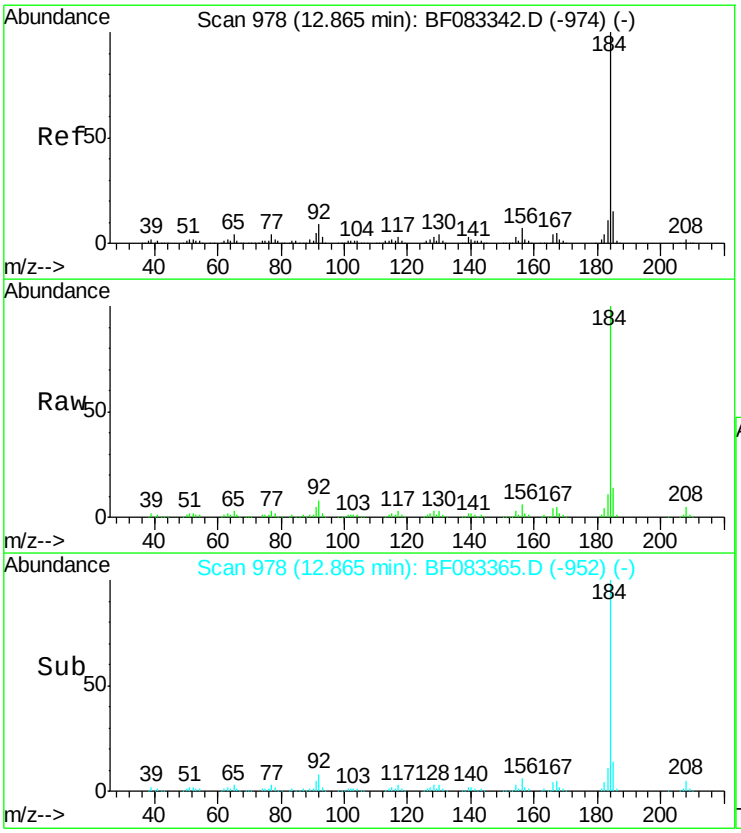

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:240 Resp: 563670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.3 | 6.9 | 10.3# |
| 236 | 25.0 | 19.8 | 29.6 |

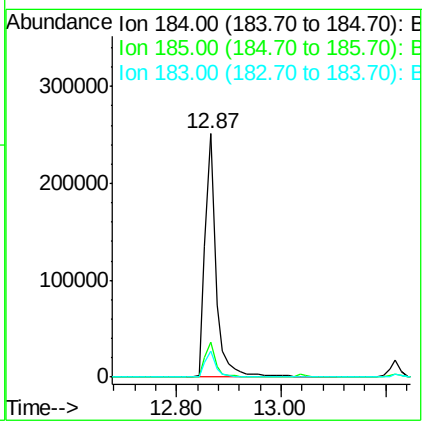


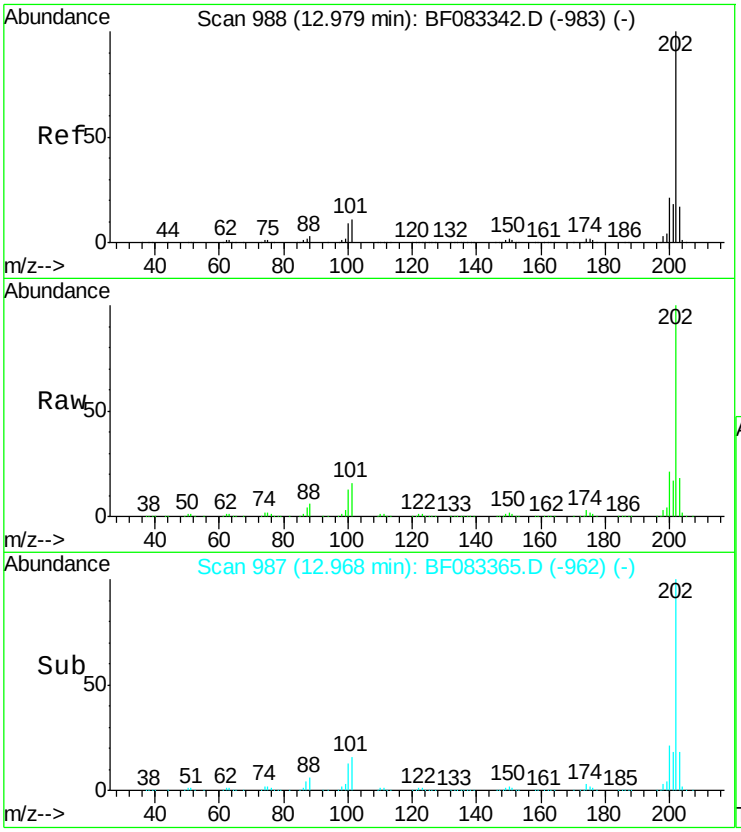




#76
Benzidine
Concen: 22.05 ng
RT: 12.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:184 Resp: 370129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.4 | 12.4 | 18.6 |
| 183 | 10.5 | 9.0 | 13.4 |



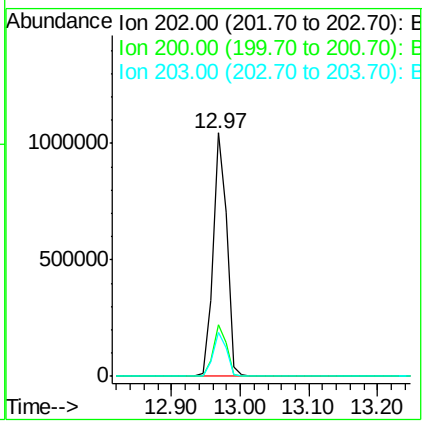


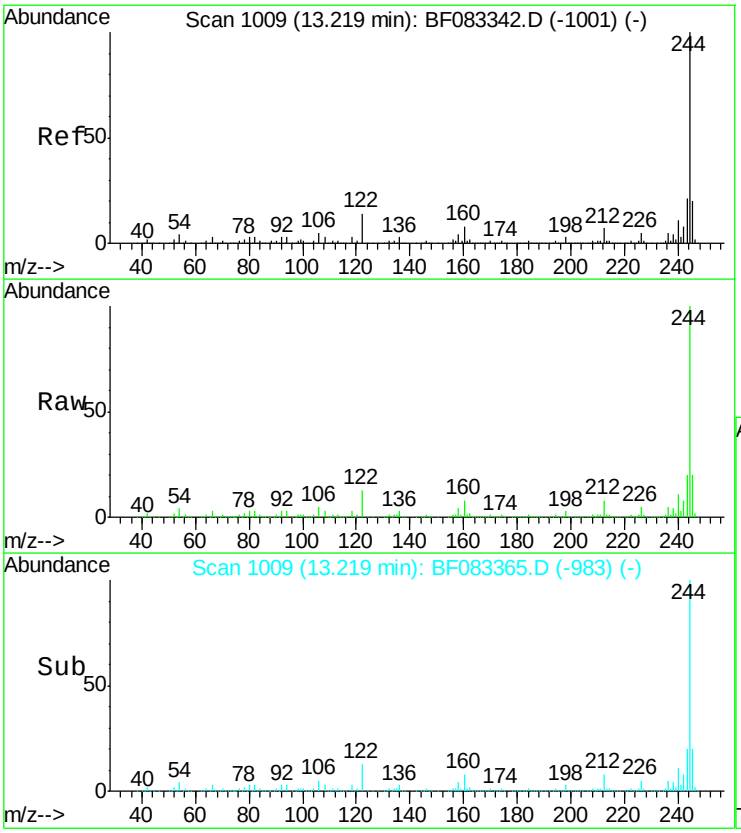

#77
Pyrene
Concen: 37.46 ng
RT: 12.97 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:202 Resp: 1474665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 16.9 | 25.3 |
| 203 | 18.2 | 13.9 | 20.9 |

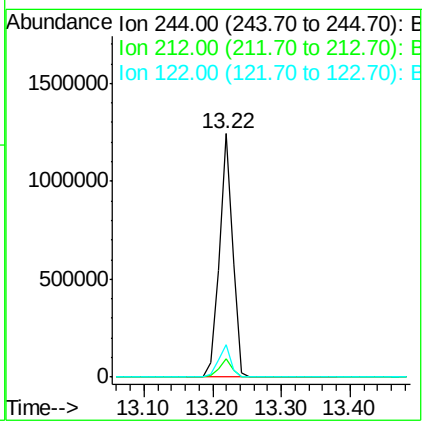


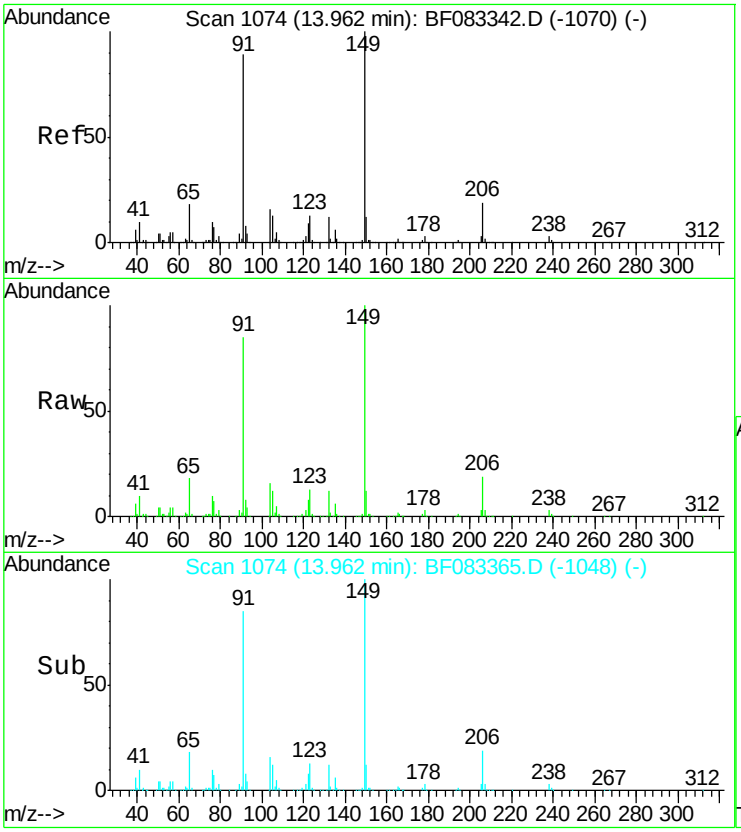




#78
Terphenyl-d14
Concen: 71.97 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:244 Resp: 1701081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.8 | 8.8 |
| 122 | 13.3 | 11.0 | 16.4 |



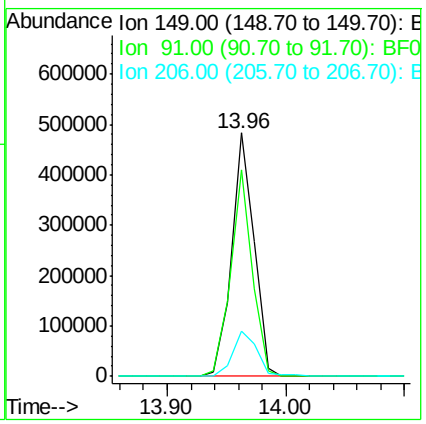


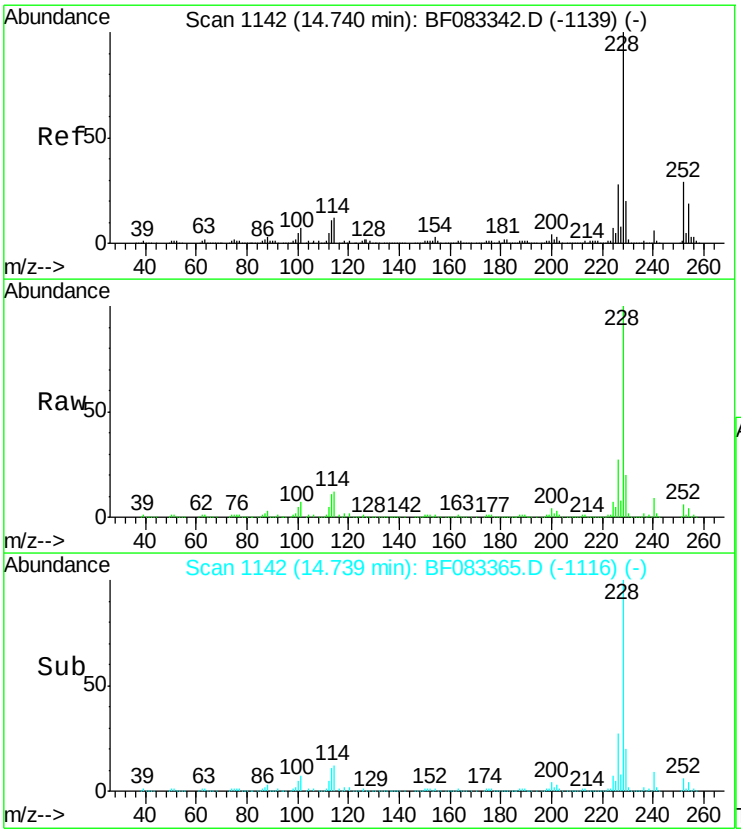

#79
Butylbenzylphthalate
Concen: 38.08 ng
RT: 13.96 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:149 Resp: 635976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 85.0 | 71.4 | 107.2 |
| 206 | 18.7 | 15.1 | 22.7 |

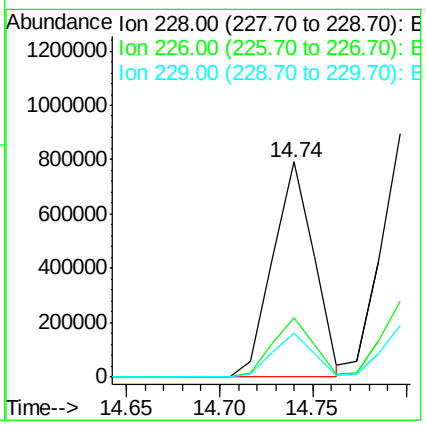


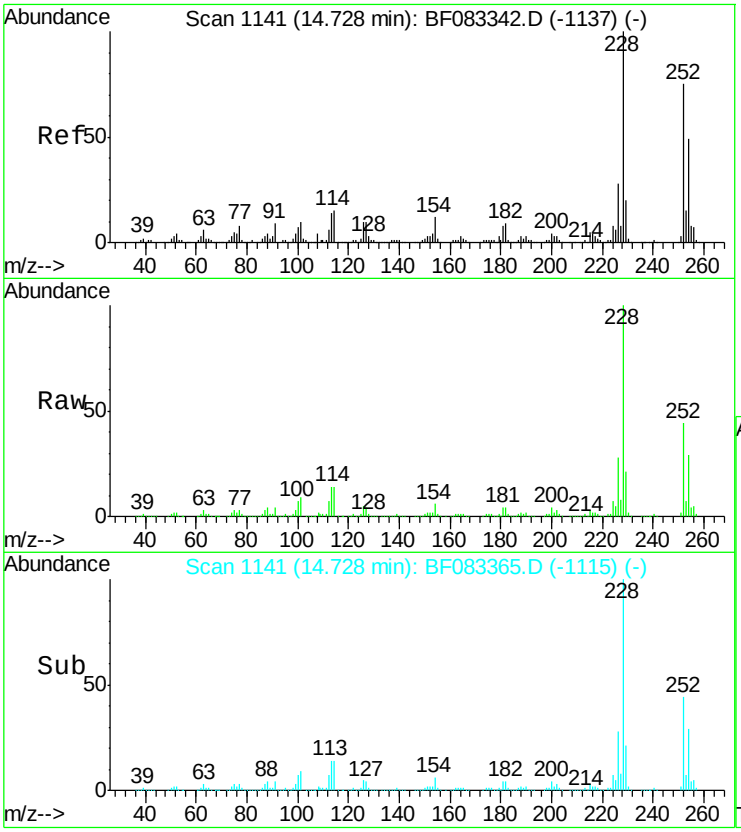




#80
Benzo(a)anthracene
Concen: 35.28 ng
RT: 14.74 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:228 Resp: 1218488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 22.2 | 33.4 |
| 229 | 20.4 | 16.1 | 24.1 |



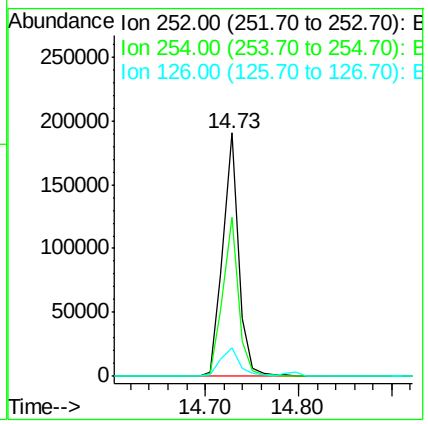


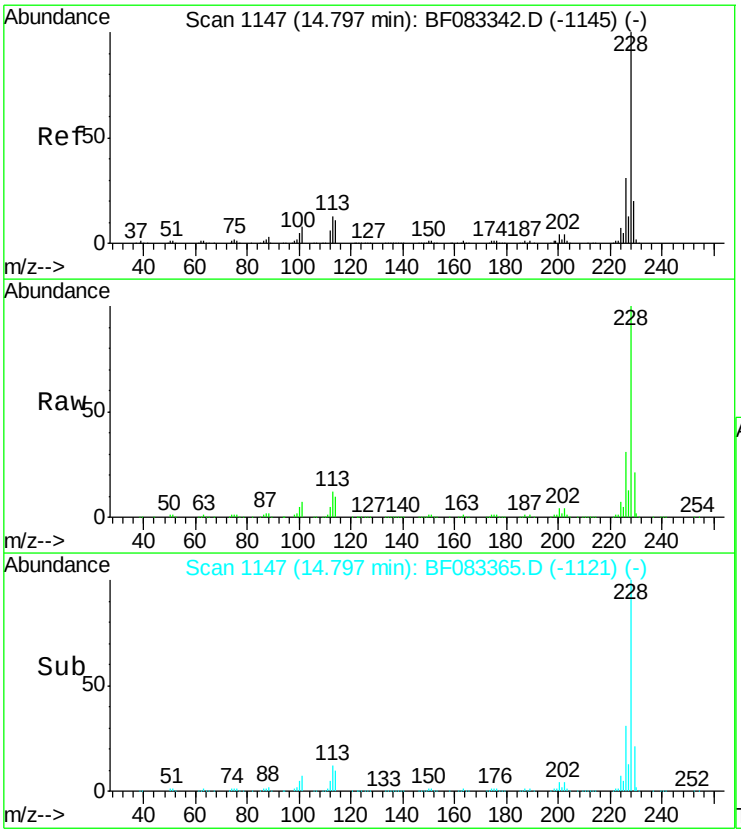

#81
3,3'-Dichlorobenzidine
Concen: 21.06 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:252 Resp: 227121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.3 | 52.0 | 78.0 |
| 126 | 12.0 | 10.7 | 16.1 |

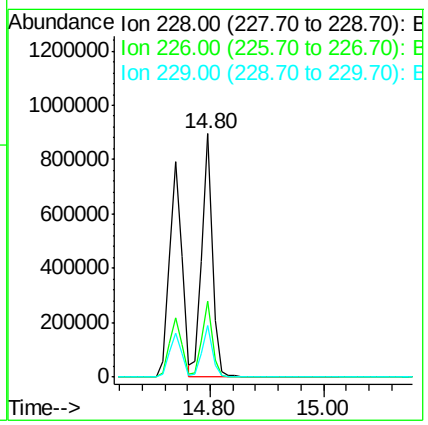


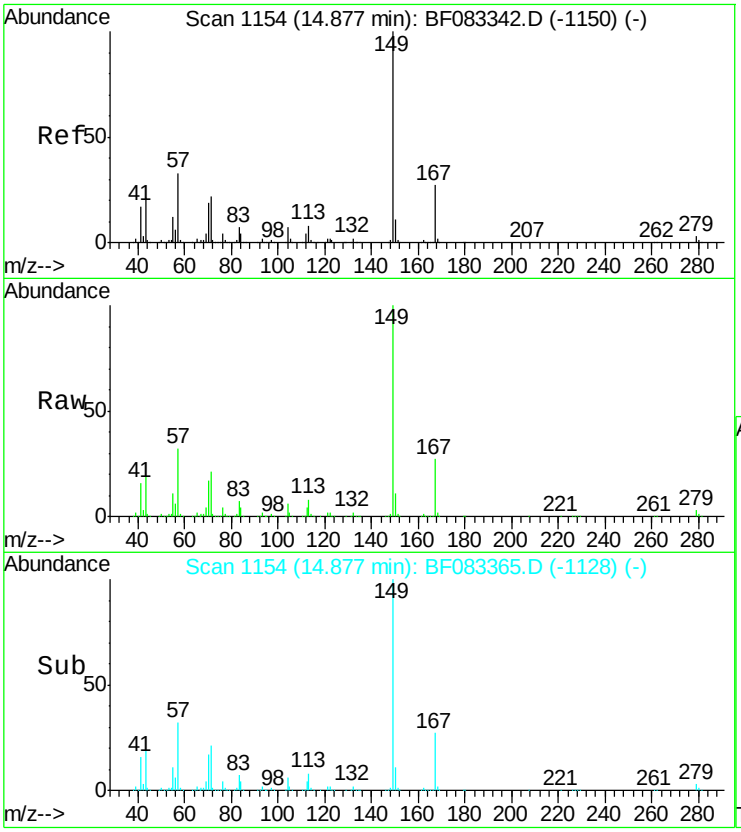




#82
Chrysene
Concen: 33.54 ng
RT: 14.80 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:228 Resp: 1119171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 24.6 | 37.0 |
| 229 | 21.1 | 16.2 | 24.2 |



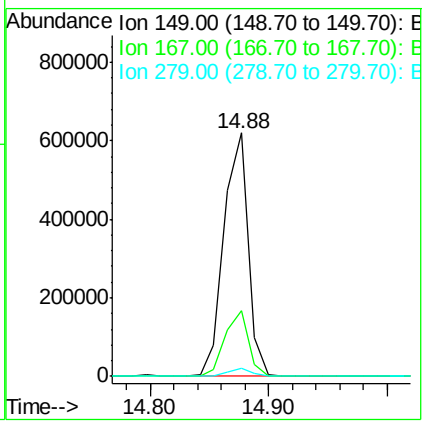


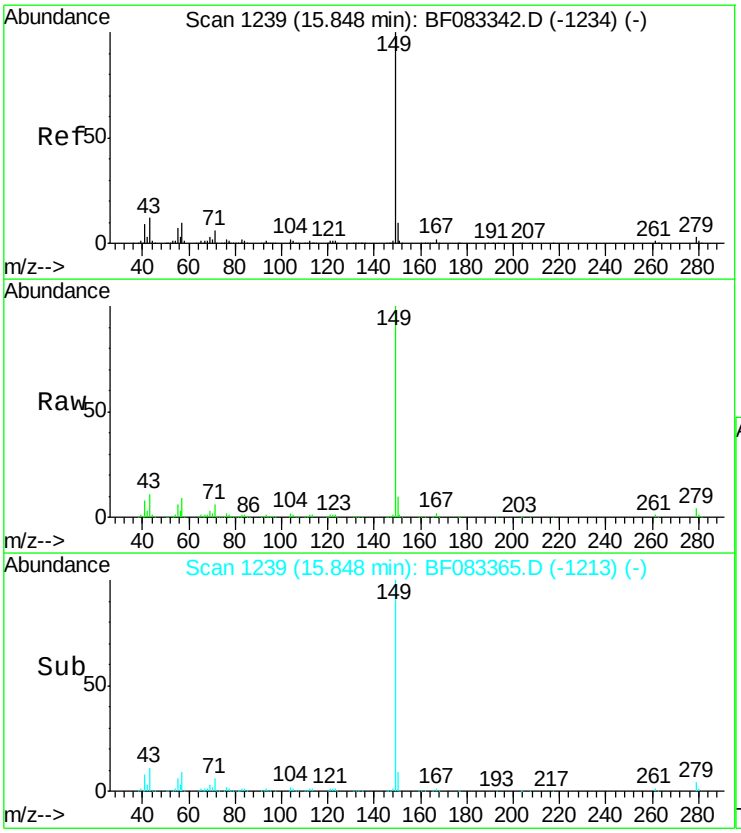

#83
Bis(2-ethylhexyl)phthalate
Concen: 39.30 ng
RT: 14.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:149 Resp: 880391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.0 | 21.5 | 32.3 |
| 279 | 3.4 | 2.6 | 3.8 |

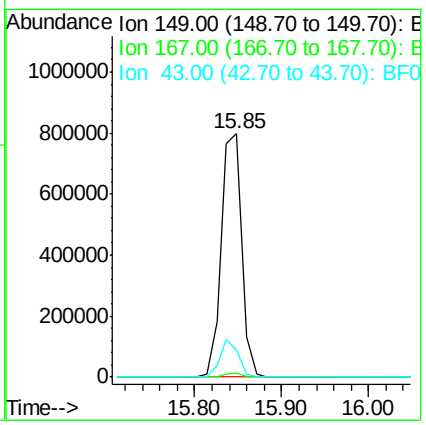


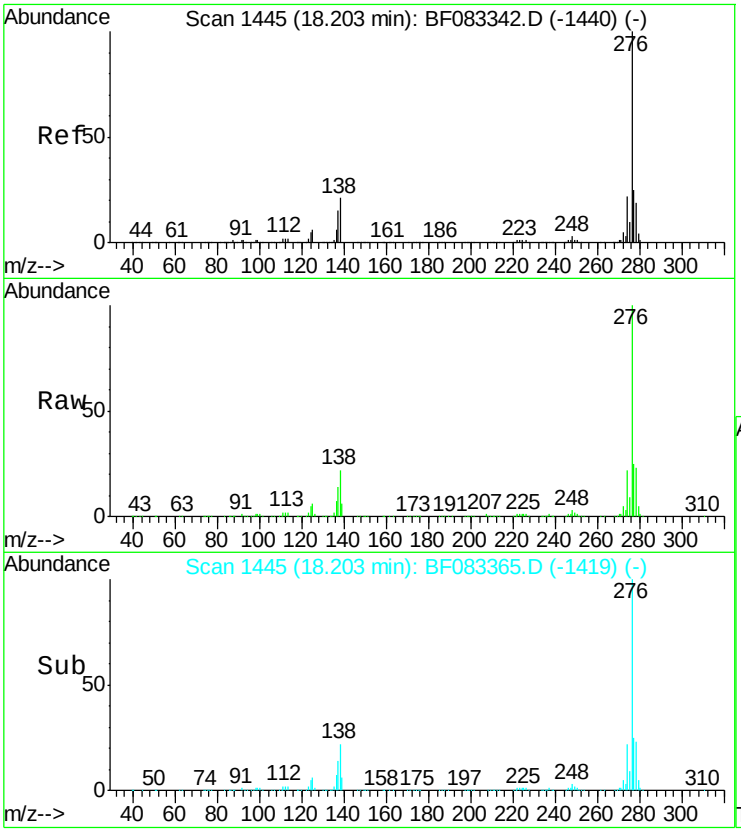




#84
Di-n-octyl phthalate
Concen: 39.10 ng
RT: 15.85 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:149 Resp: 1304258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 13.9 | 11.0 | 16.6 |



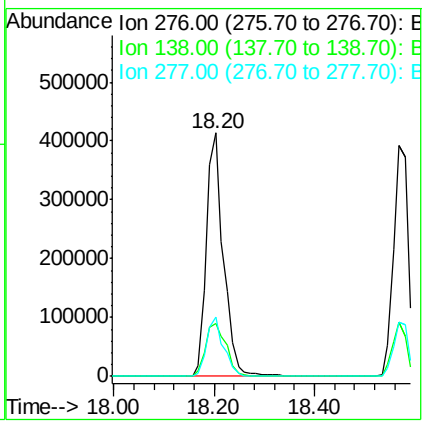


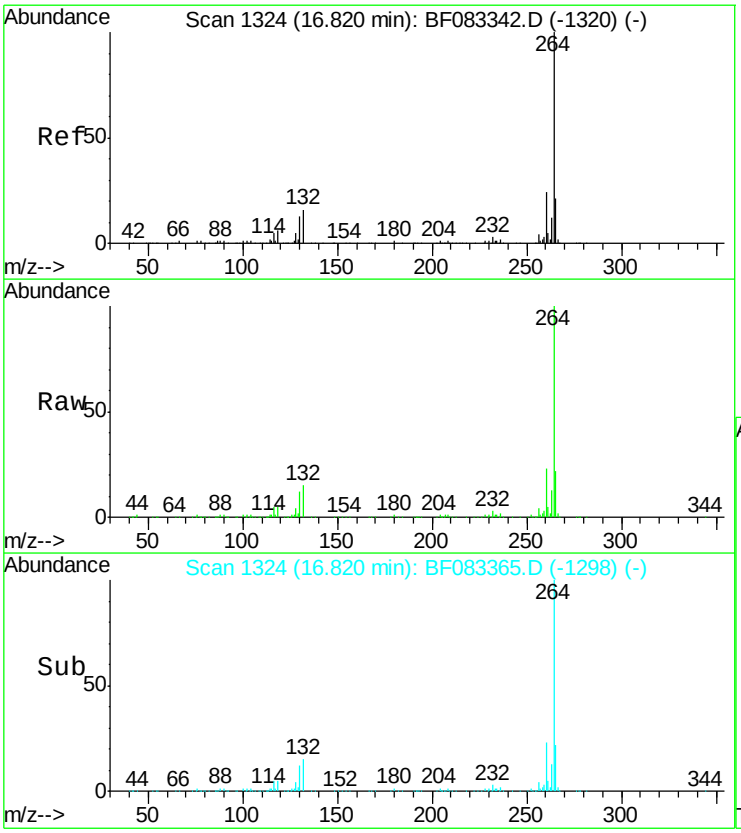

#85
Indeno(1,2,3-cd)pyrene
Concen: 40.20 ng
RT: 18.20 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:276 Resp: 976894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.4 | 21.2 | 31.8 |
| 277 | 24.6 | 20.0 | 30.0 |

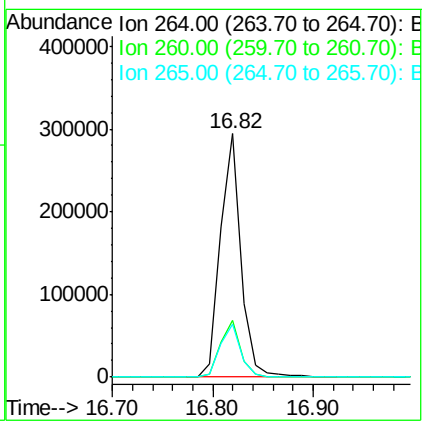


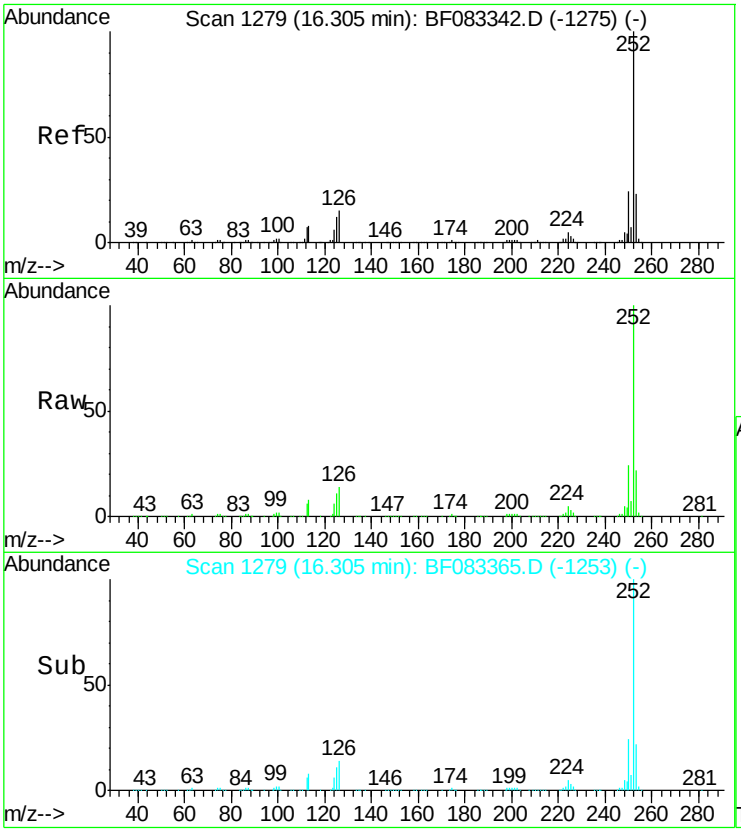




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:264 Resp: 418071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.0 | 28.4 |
| 265 | 21.8 | 16.8 | 25.2 |



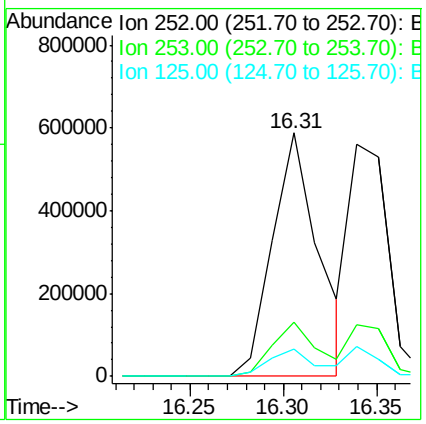


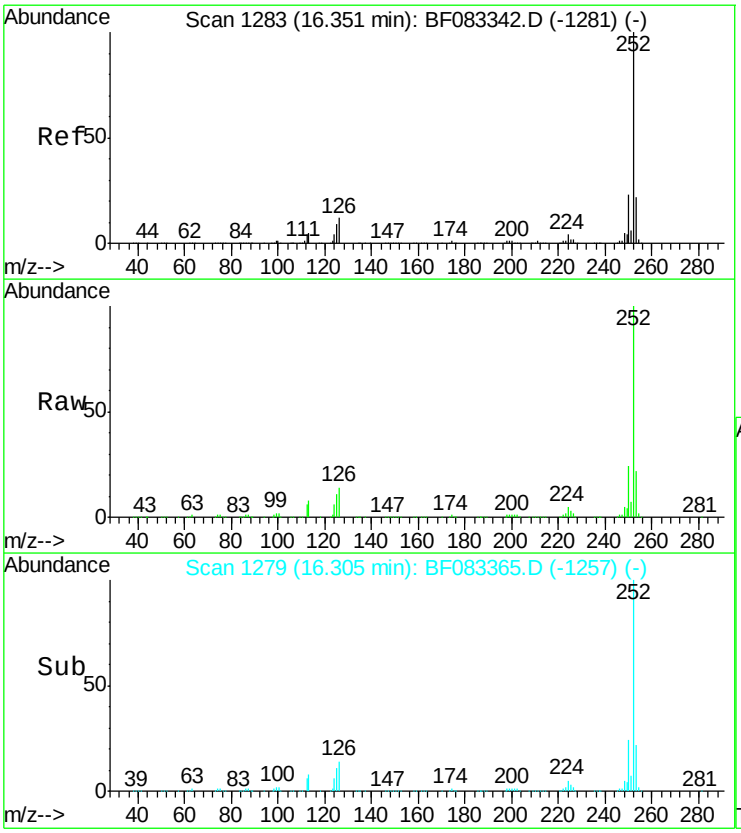

#87
Benzo(b)fluoranthene
Concen: 37.64 ng
RT: 16.31 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:252 Resp: 1009632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.4 | 27.6 |
| 125 | 11.1 | 9.6 | 14.4 |

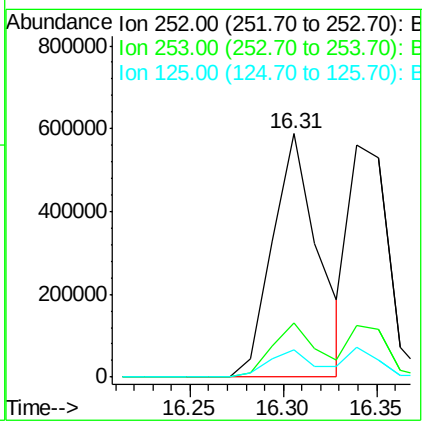


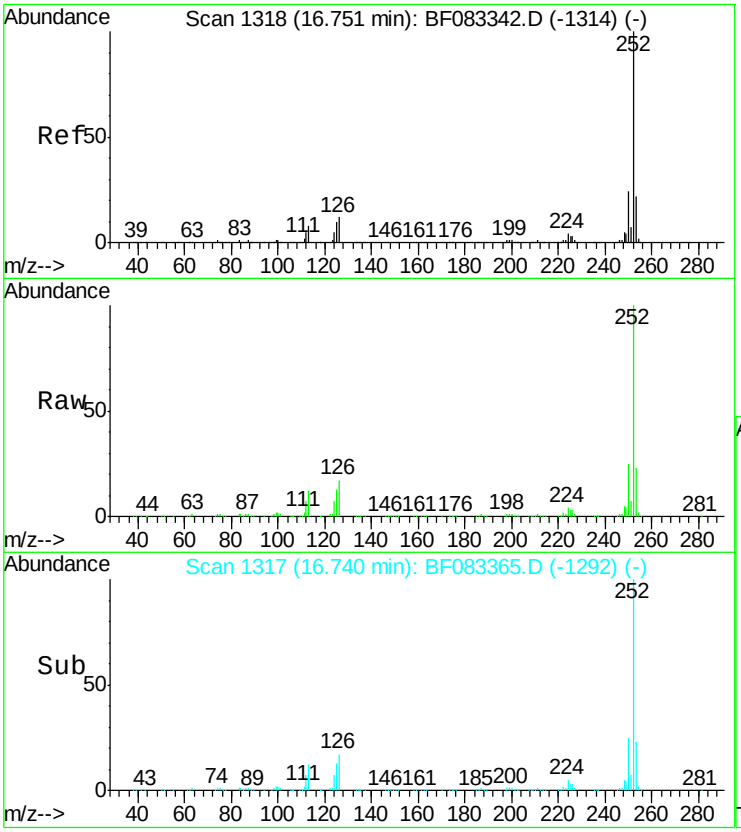




#88
Benzo(k)fluoranthene
Concen: 39.86 ng
RT: 16.31 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:252 Resp: 1009632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.4 | 26.0 |
| 125 | 11.1 | 7.5 | 11.3 |



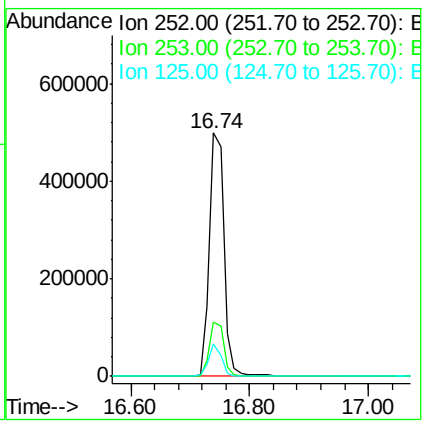


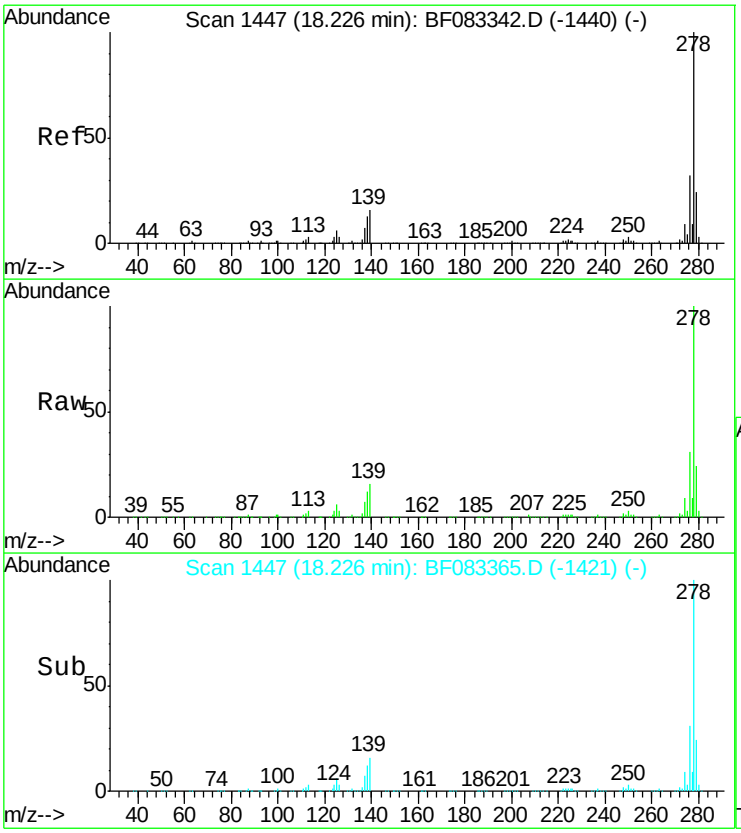

#89
Benzo(a)pyrene
Concen: 37.32 ng
RT: 16.74 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:252 Resp: 859914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.5 | 26.3 |
| 125 | 13.4 | 7.8 | 11.8# |

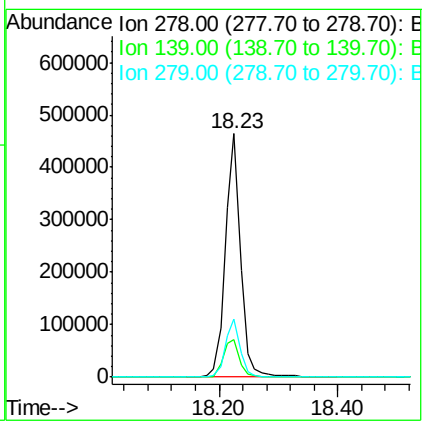


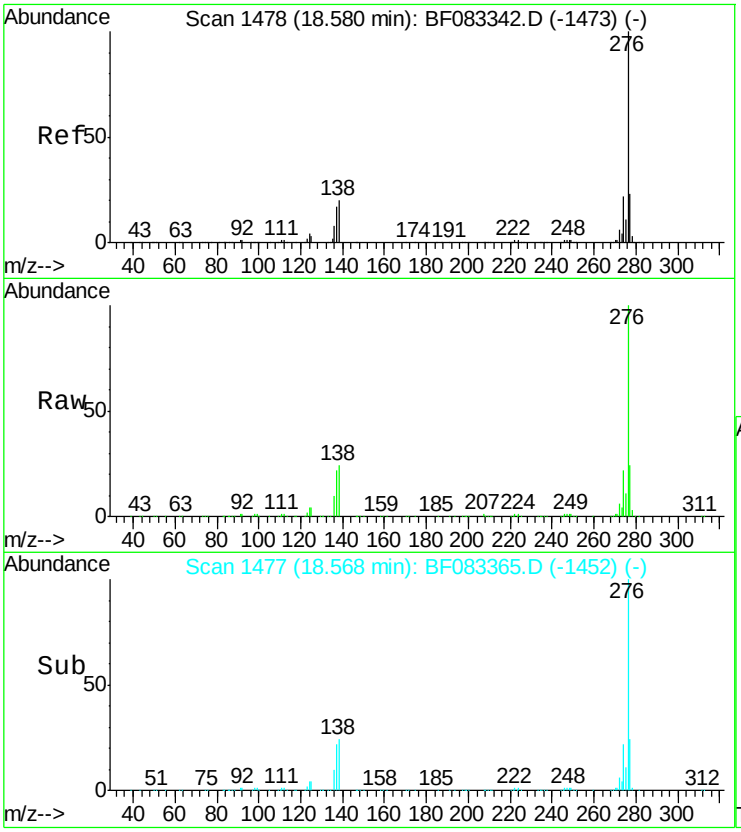




#90
Dibenzo(a,h)anthracene
Concen: 40.95 ng
RT: 18.23 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

Tgt Ion:278 Resp: 822153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.6 | 13.1 | 19.7 |
| 279 | 23.7 | 19.2 | 28.8 |






#91
Benzo(g,h,i)perylene
Concen: 42.54 ng
RT: 18.57 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF083365.D
Acq: 1 Dec 2015 6:47

**Instrument :**
BNA_F
**ClientSampleId :**
PB86904BS

Tgt Ion:276 Resp: 838287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 18.6 | 28.0 |
| 138 | 23.6 | 16.1 | 24.1 |