Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100097.D
Acq On : 2 Nov 2017 20:50
Operator : SJ/JU
Sample : I6249-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 03 02:31:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.77 | 152 | 86750 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.05 | 136 | 350753 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.80 | 164 | 154746 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.30 | 188 | 239652 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.95 | 240 | 151432 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.41 | 264 | 155013 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.39 | 112 | 435798 | 78.87 | ng | | 0.00 |
| 7) Phenol-d6 | 6.42 | 99 | 500477 | 76.39 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.34 | 82 | 281139 | 51.60 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 101765 | 72.16 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.12 | 172 | 545205 | 54.36 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.87 | 244 | 362919 | 52.37 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.50 | 88 | 52613 | 21.562 | ng | # | 89 |
| 3) Pyridine | 3.29 | 79 | 116161 | 19.796 | ng | | 87 |
| 4) n-Nitrosodimethylamine | 3.23 | 42 | 44236 | 21.102 | ng | # | 65 |
| 6) Aniline | 6.44 | 93 | 122931 | 14.471 | ng | # | 70 |
| 8) 2-Chlorophenol | 6.56 | 128 | 157183 | 26.690 | ng | | 92 |
| 9) Benzaldehyde | 6.33 | 77 | 58913 | 15.048 | ng | | 94 |
| 10) Phenol | 6.43 | 94 | 200337 | 27.850 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.51 | 93 | 144315 | 25.980 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.79 | 146 | 170665 | 25.810 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.79 | 146 | 170665 | 25.431 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.94 | 146 | 160590 | 26.256 | ng | | 97 |
| 15) Benzyl Alcohol | 6.92 | 79 | 109010 | 26.162 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.04 | 45 | 176949 | 28.676 | ng | # | 15 |
| 17) 2-Methylphenol | 7.04 | 107 | 125519 | 25.481 | ng | # | 94 |
| 18) Hexachloroethane | 7.27 | 117 | 51004 | 22.780 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.19 | 70 | 98006 | 25.526 | ng | | 87 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 167529 | 29.207 | ng | | 95 |
| 22) Acetophenone | 7.19 | 105 | 208861 | 26.152 | ng | # | 92 |
| 24) Nitrobenzene | 7.36 | 77 | 142134 | 25.892 | ng | # | 87 |
| 25) Isophorone | 7.59 | 82 | 267891 | 27.098 | ng | | 97 |
| 26) 2-Nitrophenol | 7.68 | 139 | 82949 | 26.382 | ng | # | 82 |
| 27) 2,4-Dimethylphenol | 7.72 | 122 | 140042 | 30.230 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 7.80 | 93 | 179854 | 25.977 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 132724 | 27.579 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.99 | 180 | 131222 | 25.520 | ng | | 99 |
| 31) Naphthalene | 8.07 | 128 | 438891 | 25.922 | ng | | 99 |
| 32) Benzoic acid | 7.84 | 122 | 16940 | 4.154 | ng | | 87 |
| 33) 4-Chloroaniline | 8.14 | 127 | 70490 | 10.082 | ng | | 94 |
| 34) Hexachlorobutadiene | 8.18 | 225 | 65274 | 24.680 | ng | | 99 |
| 35) Caprolactam | 8.50 | 113 | 39559 | 26.139 | ng | # | 75 |
| 36) 4-Chloro-3-methylphenol | 8.63 | 107 | 127419 | 25.941 | ng | | 91 |
| 37) 2-Methylnaphthalene | 8.76 | 142 | 298777 | 26.333 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.93 | 216 | 121299 | 24.270 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 8.91 | 237 | 686 | 10.831 | ng | | 82 |

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100097.D
Acq On : 2 Nov 2017 20:50
Operator : SJ/JU
Sample : I6249-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 03 02:31:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.06 | 196 | 81984 | 27.119 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.10 | 196 | 86420 | 26.938 | ng | | 95 |
| 45) 1,1'-Biphenyl | 9.23 | 154 | 346782 | 24.772 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.26 | 162 | 268918 | 26.451 | ng | | 95 |
| 47) 2-Nitroaniline | 9.37 | 65 | 69265 | 25.958 | ng | # | 75 |
| 48) Acenaphthylene | 9.67 | 152 | 393759 | 25.146 | ng | | 99 |
| 49) Dimethylphthalate | 9.53 | 163 | 408588 | 33.342 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.60 | 165 | 66205 | 25.699 | ng | | 90 |
| 51) Acenaphthene | 9.84 | 154 | 234784 | 24.539 | ng | | 99 |
| 52) 3-Nitroaniline | 9.78 | 138 | 55059 | 18.138 | ng | # | 90 |
| 53) 2,4-Dinitrophenol | 9.93 | 184 | 4748 | 10.093 | ng | # | 81 |
| 54) Dibenzofuran | 10.02 | 168 | 353484 | 26.173 | ng | | 96 |
| 55) 4-Nitrophenol | 9.97 | 139 | 64443 | 40.631 | ng | | 79 |
| 56) 2,4-Dinitrotoluene | 10.02 | 165 | 85617 | 27.596 | ng | # | 83 |
| 57) Fluorene | 10.36 | 166 | 283130 | 25.320 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.15 | 232 | 64074 | 28.486 | ng | # | 88 |
| 59) Diethylphthalate | 10.23 | 149 | 298606 | 24.952 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.35 | 204 | 129144 | 24.540 | ng | | 91 |
| 61) 4-Nitroaniline | 10.40 | 138 | 62394 | 21.544 | ng | | 85 |
| 62) Azobenzene | 10.50 | 77 | 245163 | 24.439 | ng | | 91 |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198 | 11451 | 7.601 | ng | # | 73 |
| 65) n-Nitrosodiphenylamine | 10.47 | 169 | 248473 | 28.087 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.83 | 248 | 71662 | 28.404 | ng | | 90 |
| 67) Hexachlorobenzene | 10.91 | 284 | 69354 | 26.870 | ng | # | 88 |
| 68) Atrazine | 10.99 | 200 | 74162 | 27.908 | ng | | 98 |
| 69) Pentachlorophenol | 11.12 | 266 | 50404 | 45.701 | ng | | 98 |
| 70) Phenanthrene | 11.32 | 178 | 358152 | 26.481 | ng | | 98 |
| 71) Anthracene | 11.37 | 178 | 365609 | 26.632 | ng | | 98 |
| 72) Carbazole | 11.54 | 167 | 333385 | 25.824 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.84 | 149 | 438604 | 26.636 | ng | # | 98 |
| 74) Fluoranthene | 12.52 | 202 | 321587 | 22.880 | ng | | 98 |
| 76) Benzidine | 12.64 | 184 | 155604 | 23.483 | ng | | 98 |
| 77) Pyrene | 12.74 | 202 | 319193 | 27.720 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.34 | 149 | 145078 | 25.586 | ng | | 91 |
| 80) Benzo(a)anthracene | 13.94 | 228 | 246763 | 25.705 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.89 | 252 | 80328 | 23.052 | ng | | 99 |
| 82) Chrysene | 13.97 | 228 | 237622 | 26.329 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.90 | 149 | 193639 | 24.318 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.51 | 149 | 323104 | 23.641 | ng | # | 92 |
| 85) Indeno(1,2,3-cd)pyrene | 16.87 | 276 | 220033 | 26.557 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 14.99 | 252 | 246013 | 25.133 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.01 | 252 | 235339 | 25.497 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.35 | 252 | 232150 | 26.403 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.87 | 278 | 188603 | 24.140 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.32 | 276 | 173468 | 22.694 | ng | | 96 |

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

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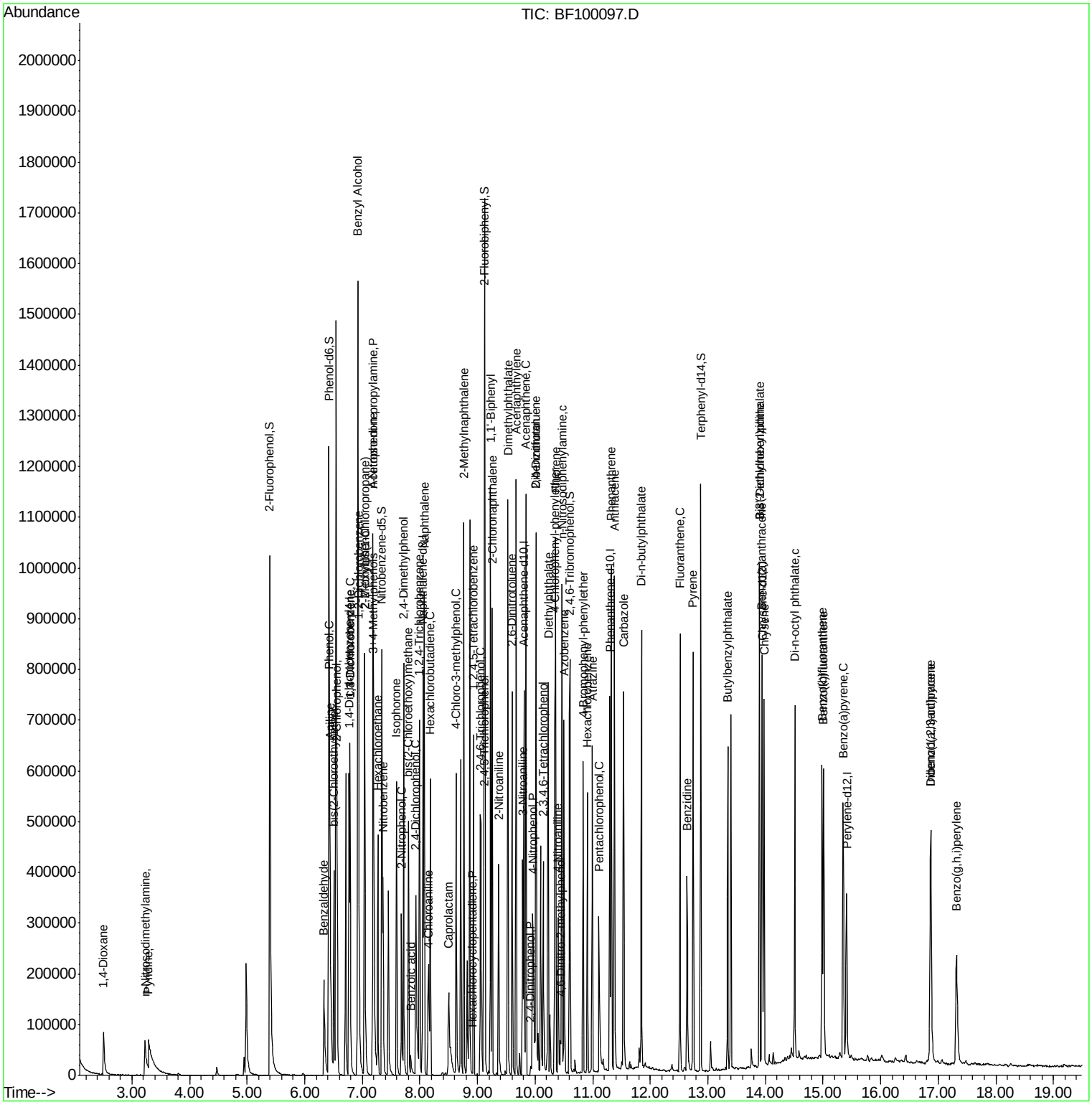
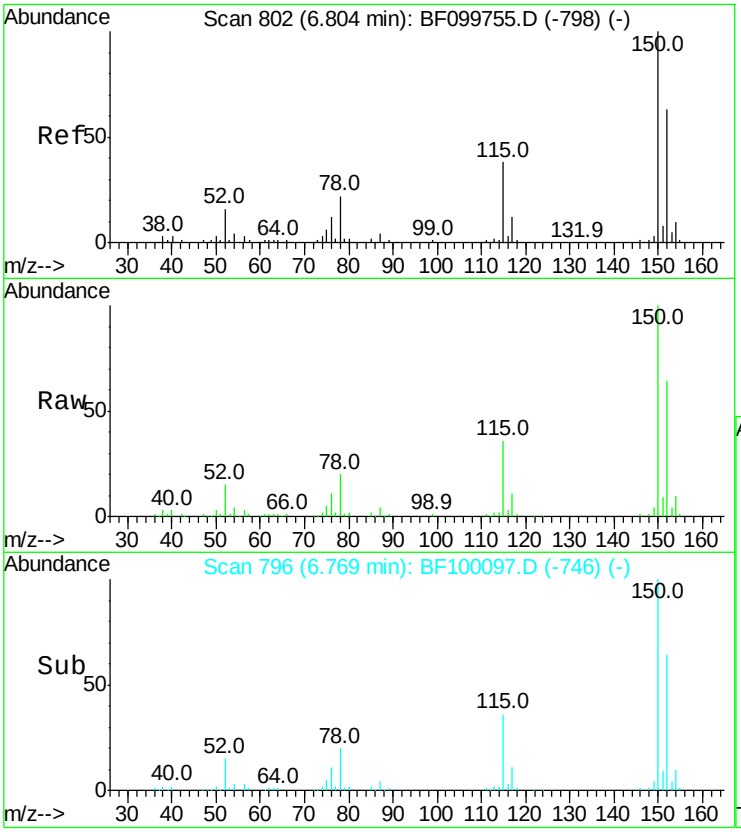
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100097.D
Acq On : 2 Nov 2017 20:50
Operator : SJ/JU
Sample : I6249-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 03 02:31:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration



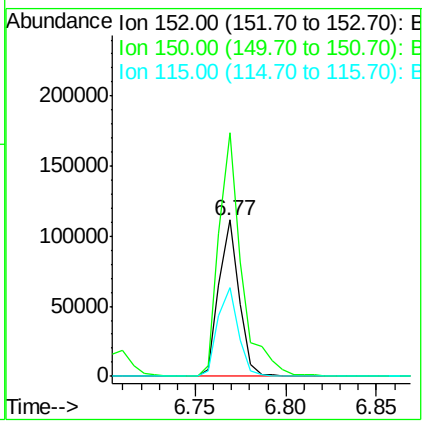


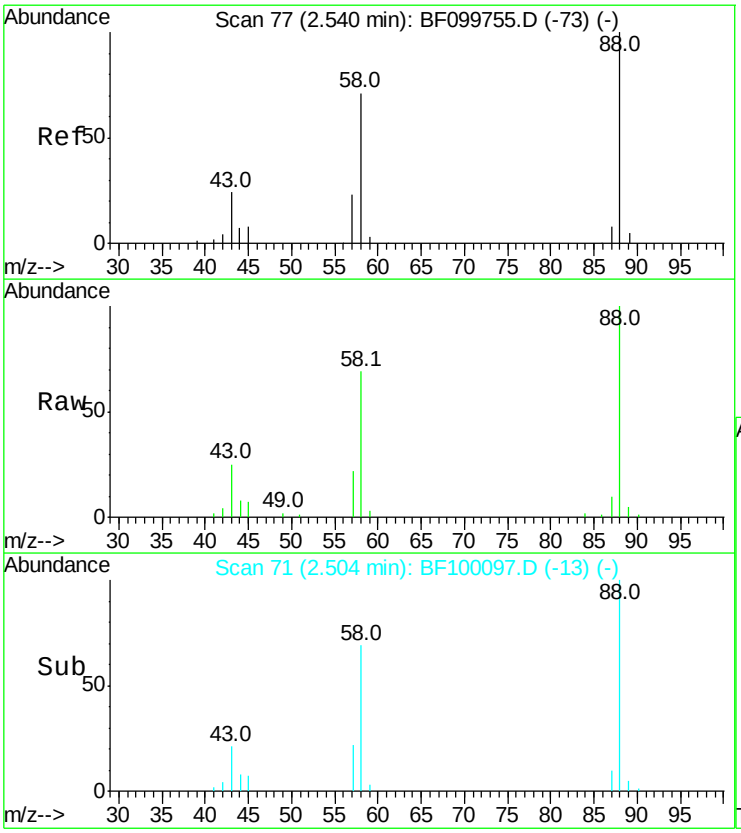

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:152 Resp: 86750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.0 | 124.6 | 186.8 |
| 115 | 56.8 | 50.1 | 75.1 |

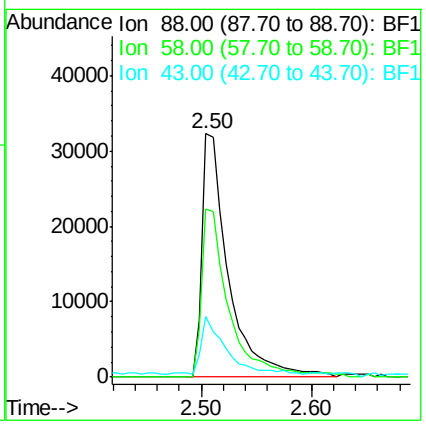


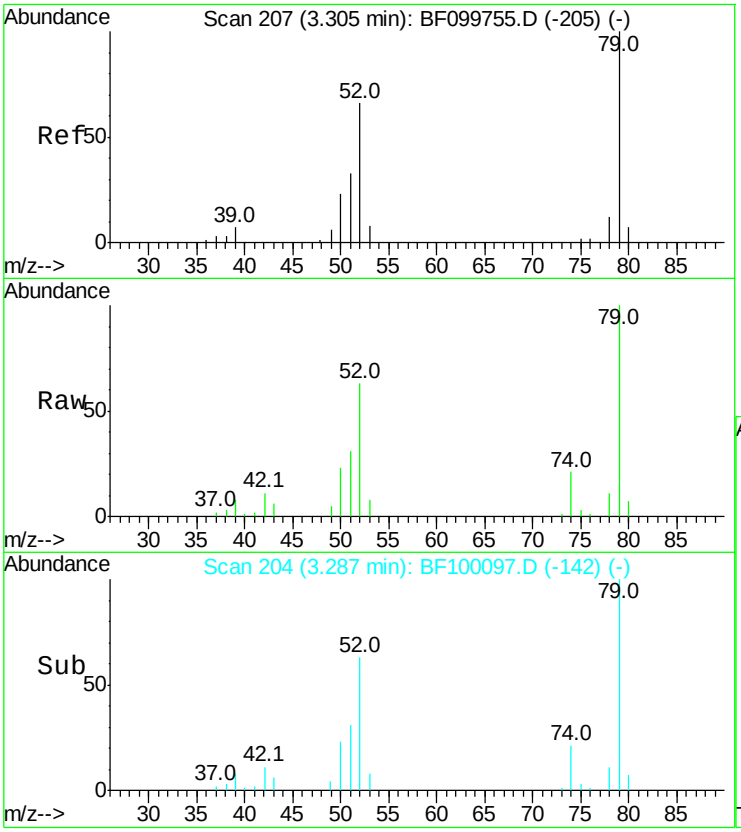




#2
1,4-Dioxane
Concen: 21.562 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.04 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion: 88 Resp: 52613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 70.0 | 62.6 | 93.8 |
| 43 | 22.5 | 24.6 | 37.0# |



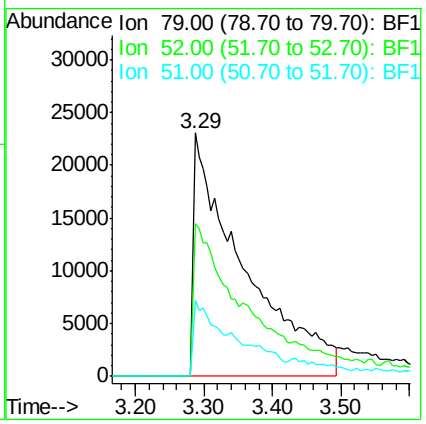


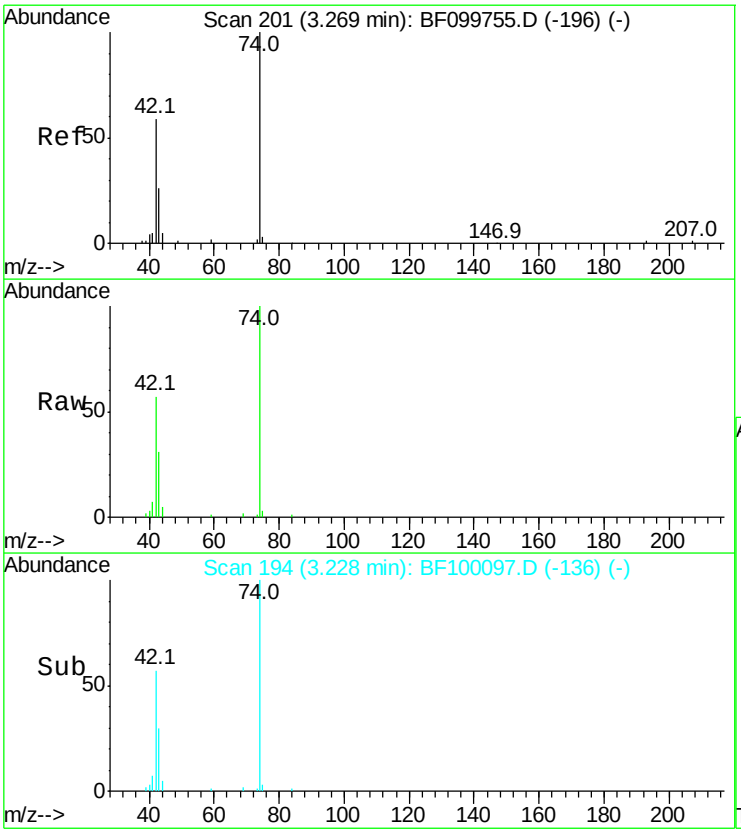

#3
Pyridine
Concen: 19.796 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.06 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion: 79 Resp: 116161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.6 | 59.8 | 89.6 |
| 51 | 31.0 | 29.8 | 44.8 |

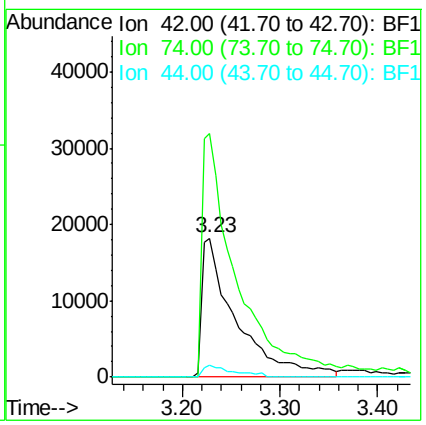


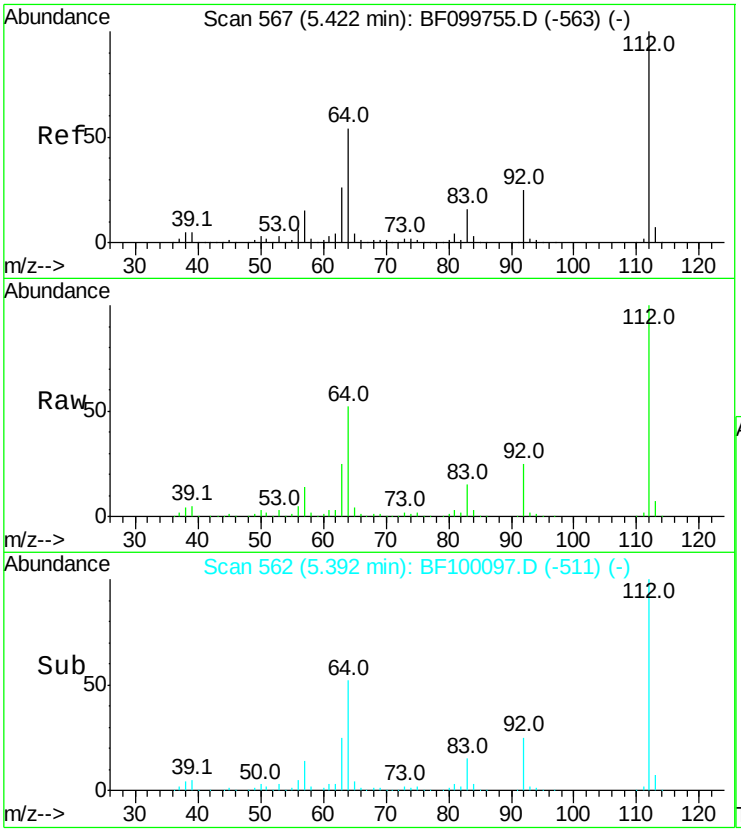




#4
n-Nitrosodimethylamine
Concen: 21.102 ng
RT: 3.23 min Scan# 194
Delta R.T. 0.04 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion: 42 Resp: 44236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 174.9 | 104.9 | 157.3# |
| 44 | 8.9 | 6.9 | 10.3 |



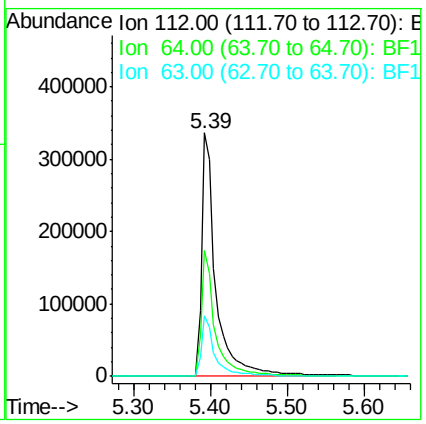


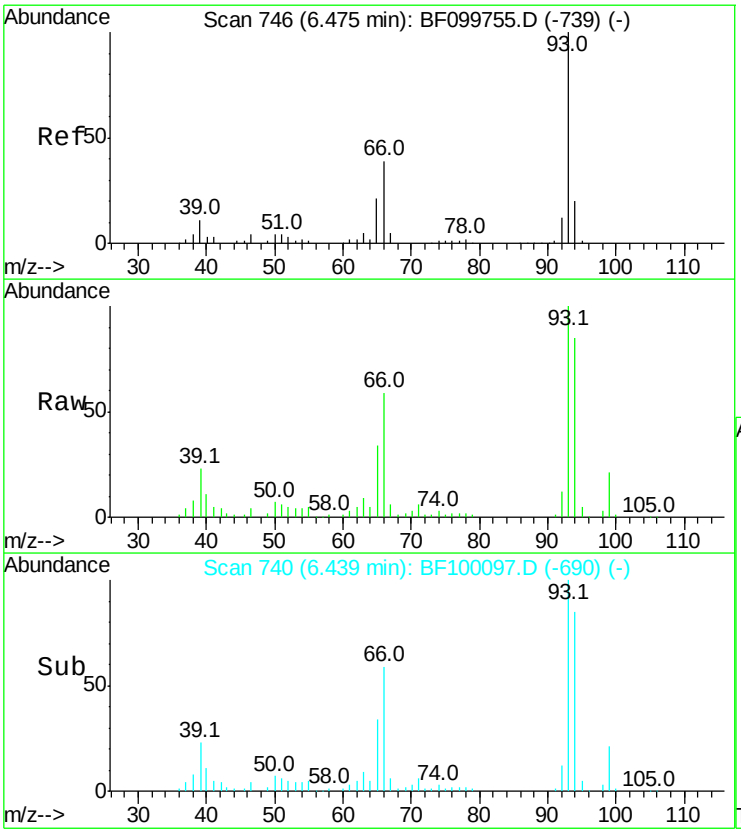

#5
2-Fluorophenol
Concen: 78.869 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:112 Resp: 435798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.8 | 47.9 | 71.9 |
| 63 | 25.0 | 23.7 | 35.5 |

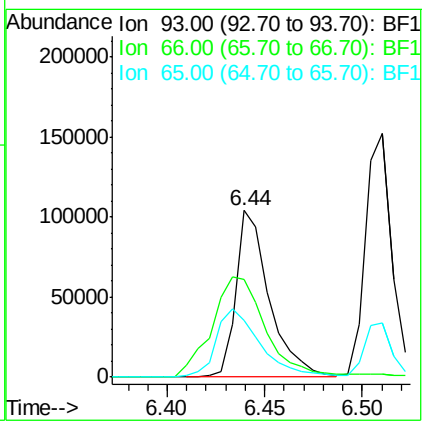


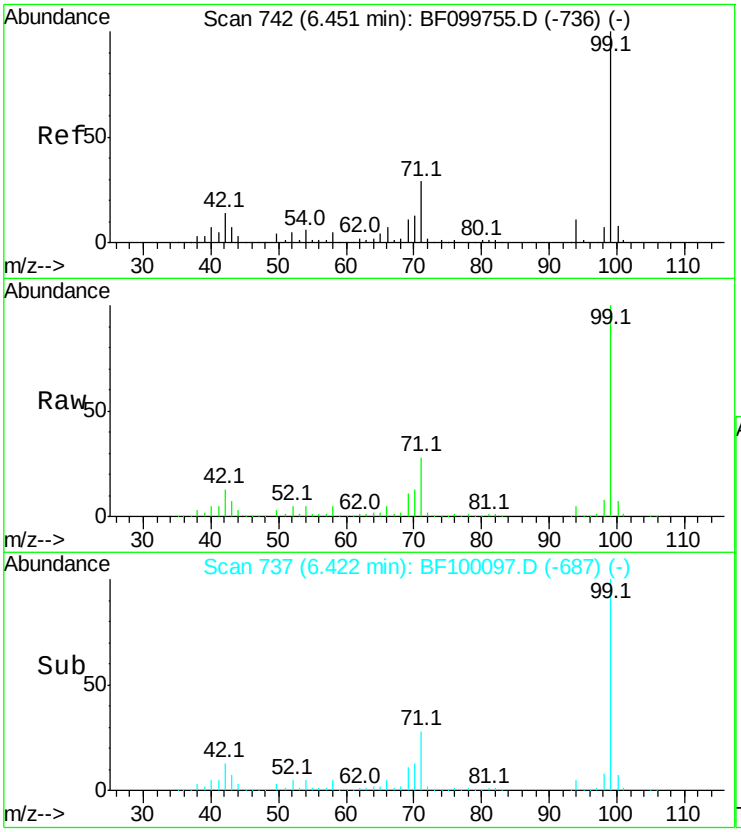




#6
Aniline
Concen: 14.471 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion: 93 Resp: 122931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 59.2 | 32.2 | 48.2# |
| 65 | 34.4 | 16.4 | 24.6# |



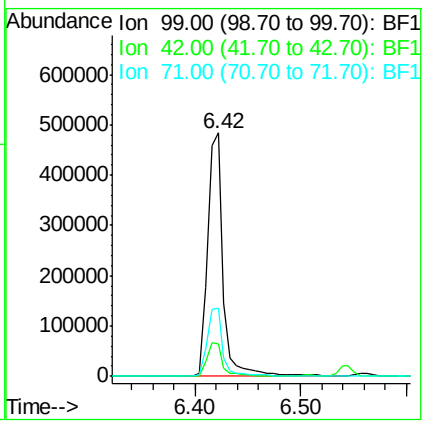


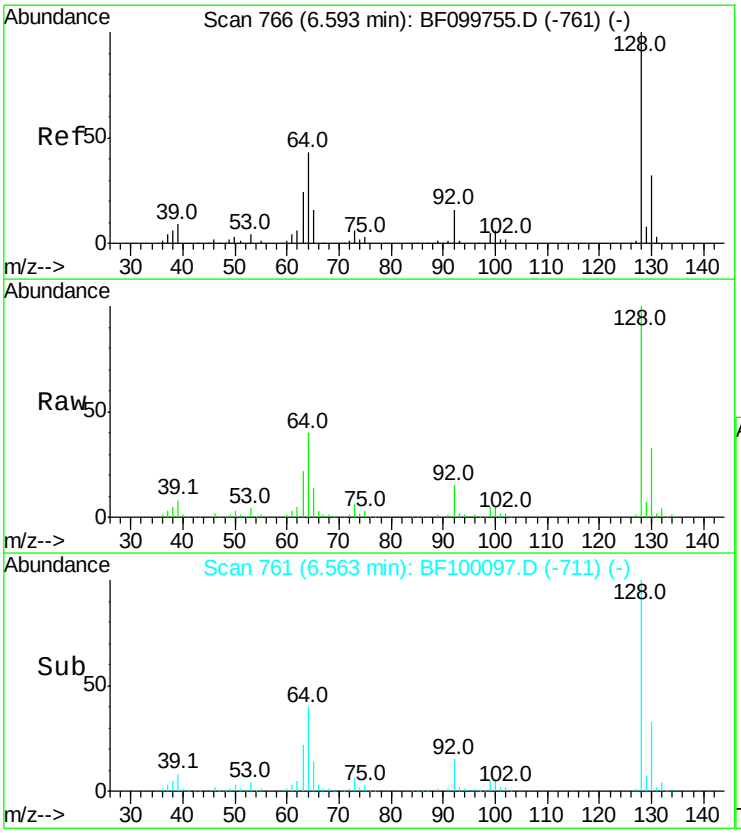

#7
Phenol-d6
Concen: 76.388 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion: 99 Resp: 500477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.2 | 14.5 | 21.7# |
| 71 | 28.3 | 25.4 | 38.0 |

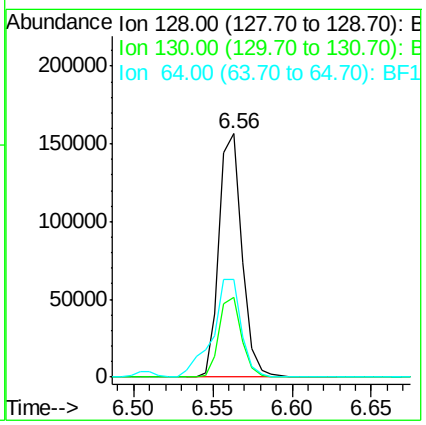


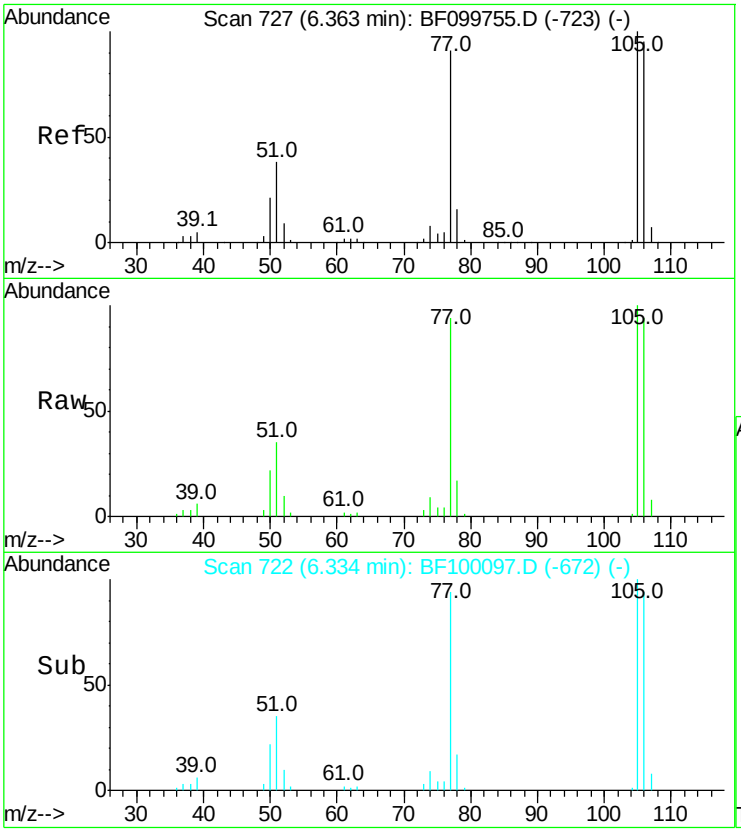




#8
2-Chlorophenol
Concen: 26.690 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:128 Resp: 157183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.7 | 13.0 | 53.0 |
| 64 | 40.2 | 29.4 | 69.4 |



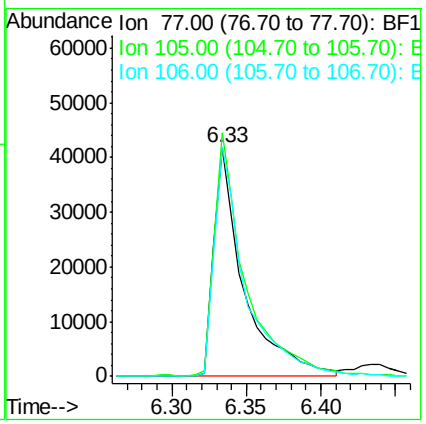


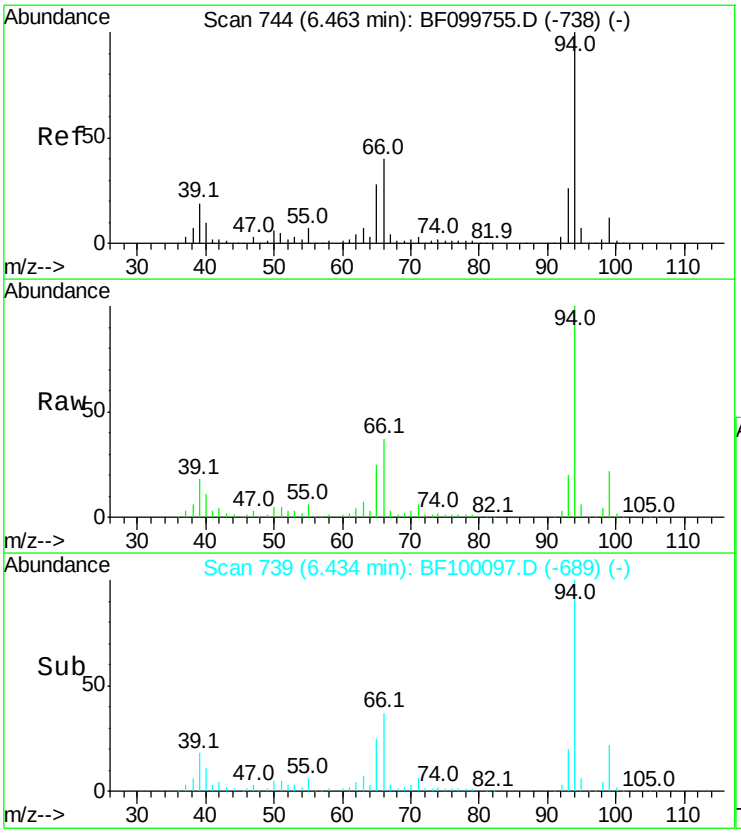

#9
Benzaldehyde
Concen: 15.048 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion: 77 Resp: 58913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 106.4 | 81.1 | 121.1 |
| 106 | 100.1 | 74.5 | 114.5 |

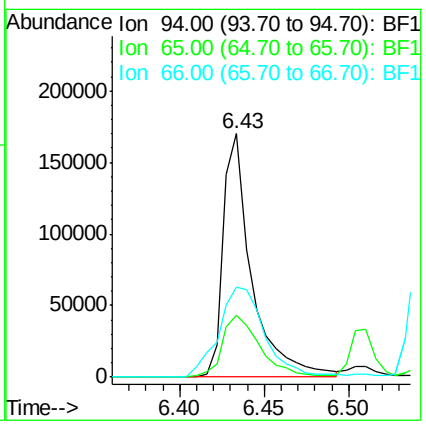


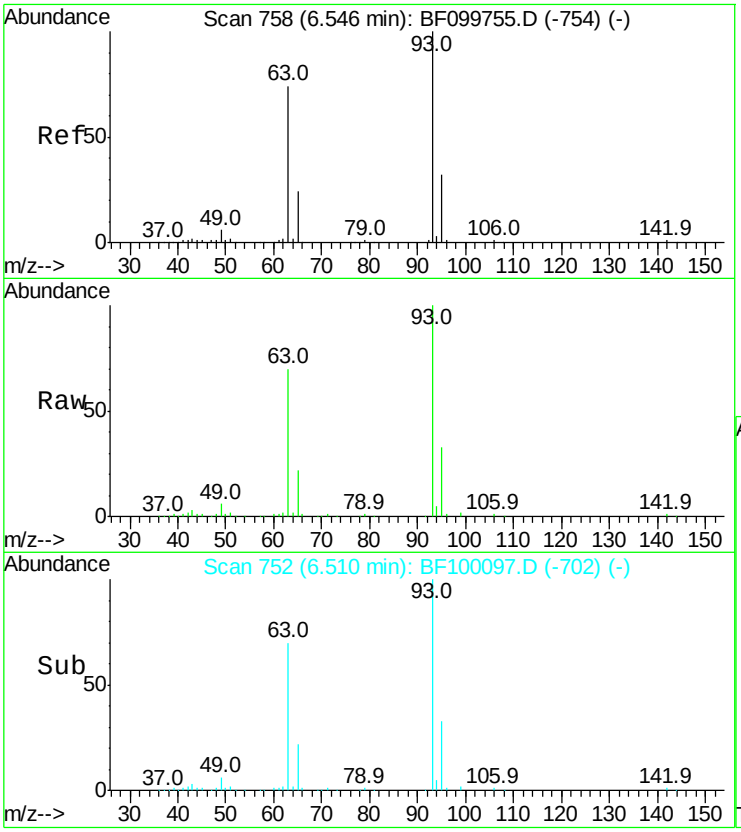




#10
Phenol
Concen: 27.850 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion: 94 Resp: 200337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.2 | 7.9 | 47.9 |
| 66 | 36.9 | 16.2 | 56.2 |

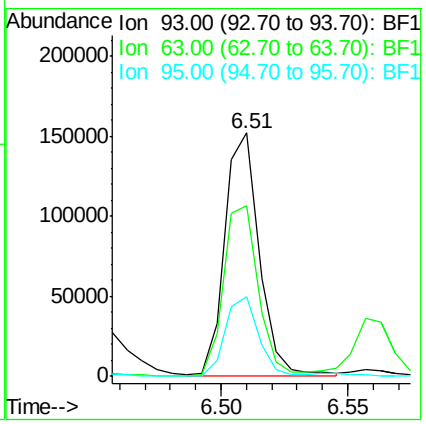




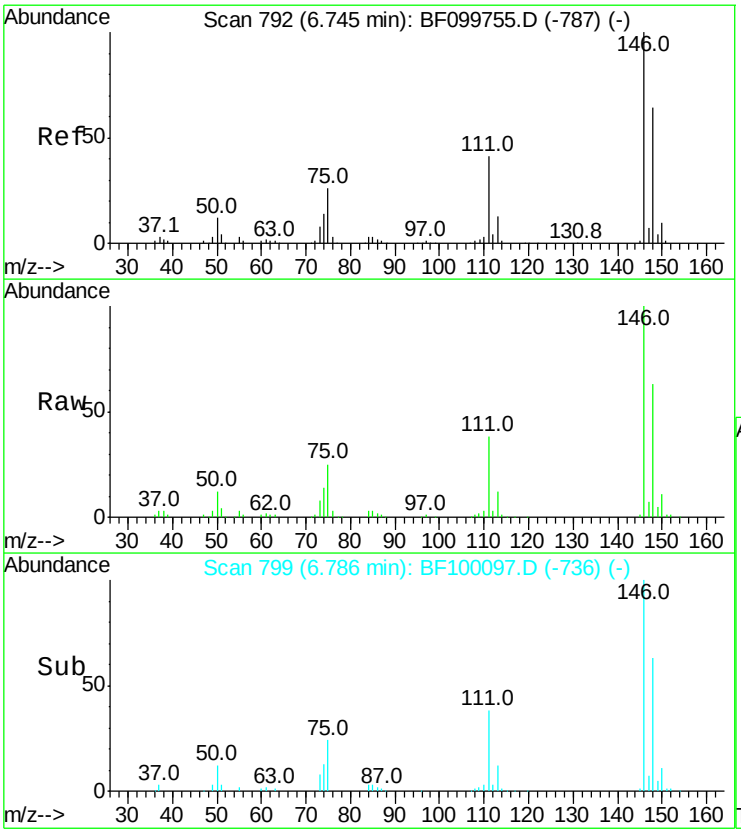

#11
bis(2-Chloroethyl)ether
Concen: 25.980 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion: 93 Resp: 144315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.0 | 58.6 | 98.6 |
| 95 | 32.6 | 11.8 | 51.8 |



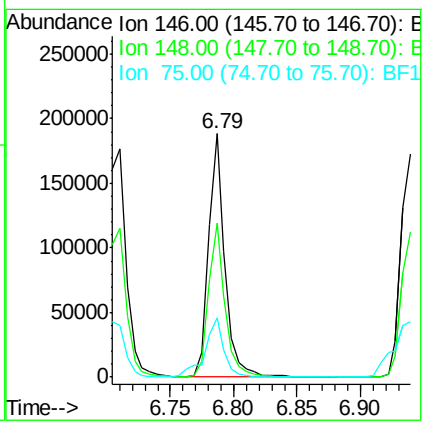

**Instrument :**
BNA_F
**ClientSampleId :**

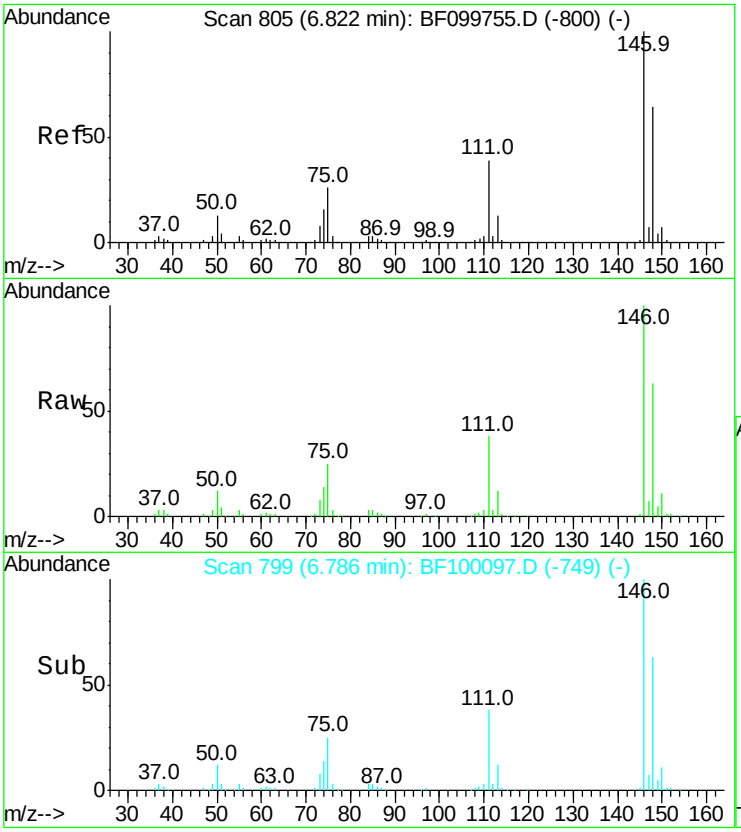



#12
1,3-Dichlorobenzene
Concen: 25.810 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.07 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:146 Resp: 170665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 51.8 | 77.8 |
| 75 | 24.6 | 24.2 | 36.4 |

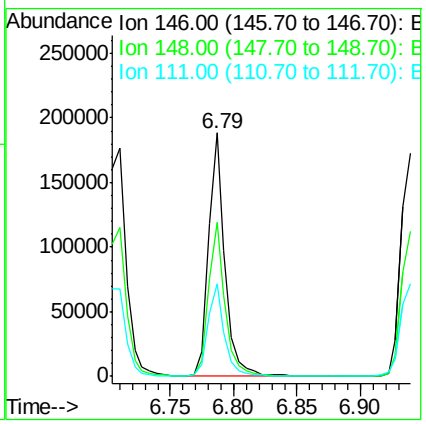




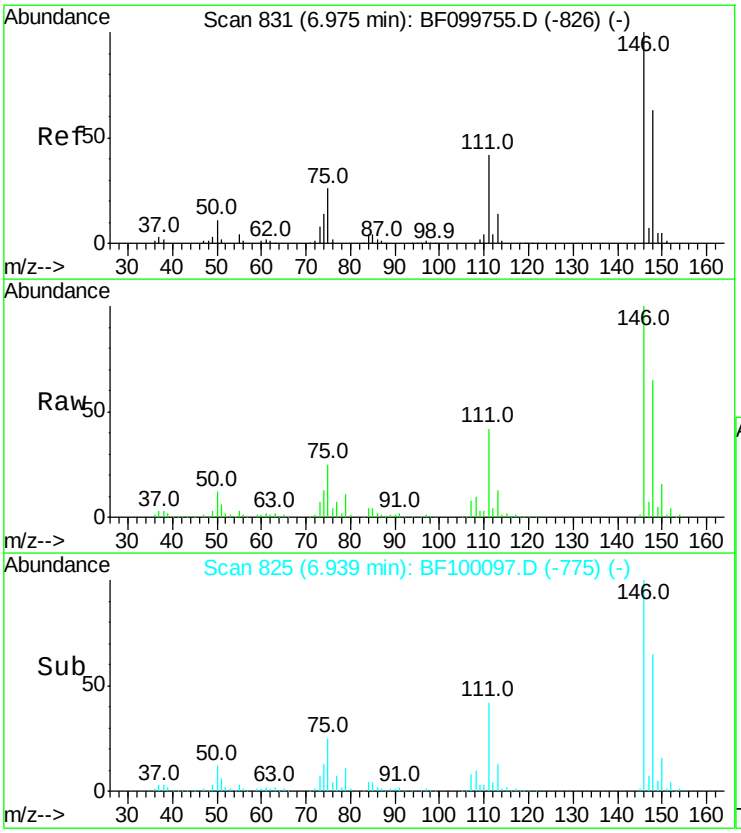

#13
1,4-Dichlorobenzene
Concen: 25.431 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:146 Resp: 170665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.8 | 76.2 |
| 111 | 38.1 | 34.2 | 51.2 |



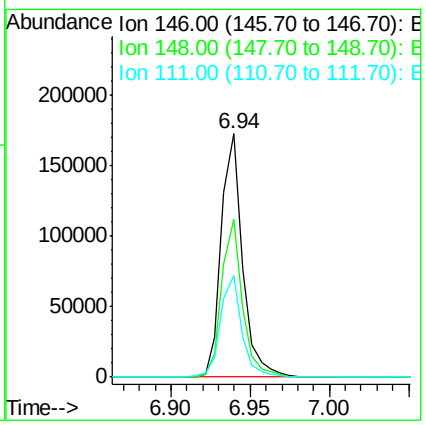

**Instrument :**
BNA_F
**ClientSampleId :**

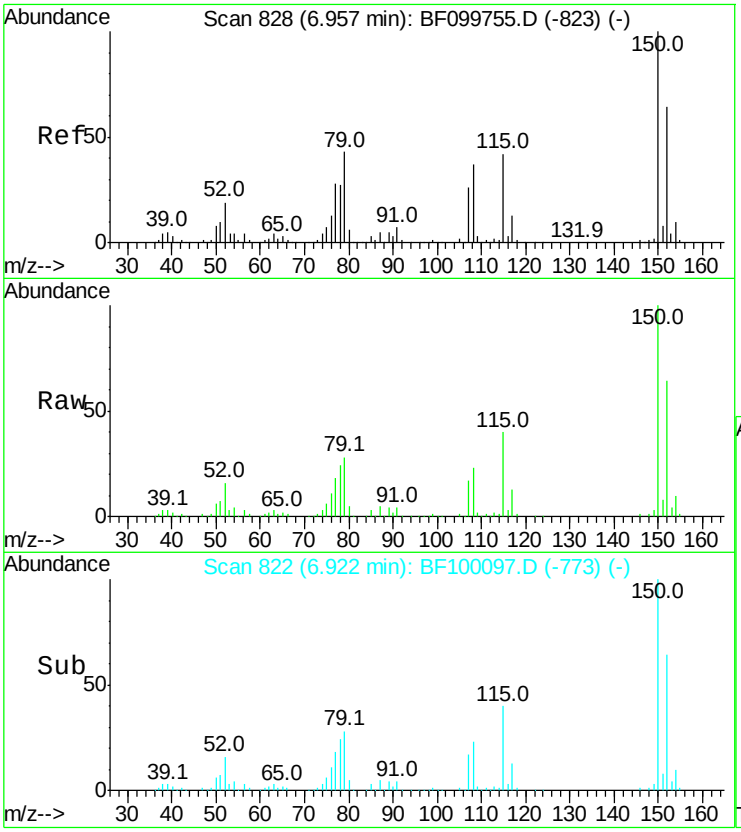



#14
1,2-Dichlorobenzene
Concen: 26.256 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:146 Resp: 160590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 50.6 | 75.8 |
| 111 | 41.5 | 36.0 | 54.0 |



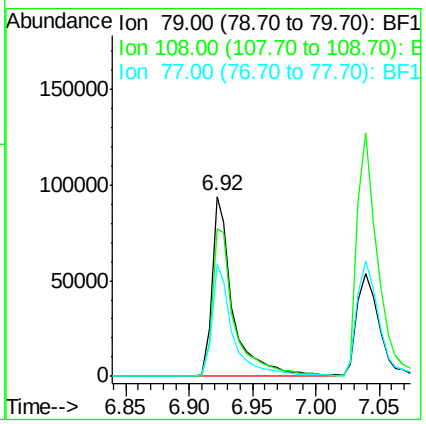


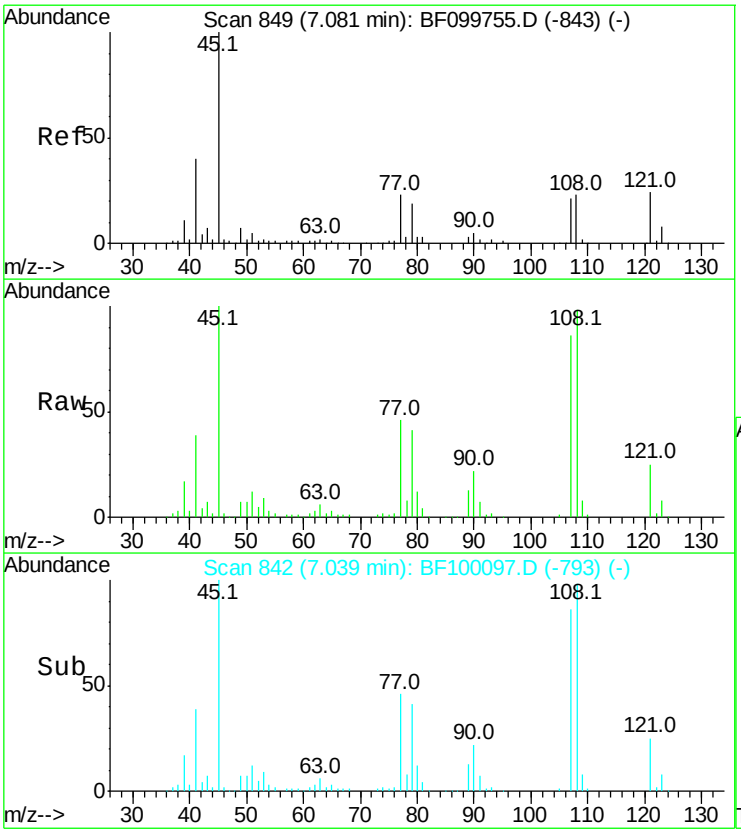

#15
Benzyl Alcohol
Concen: 26.162 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion: 79 Resp: 109010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.3 | 65.1 | 97.7 |
| 77 | 62.5 | 50.6 | 75.8 |

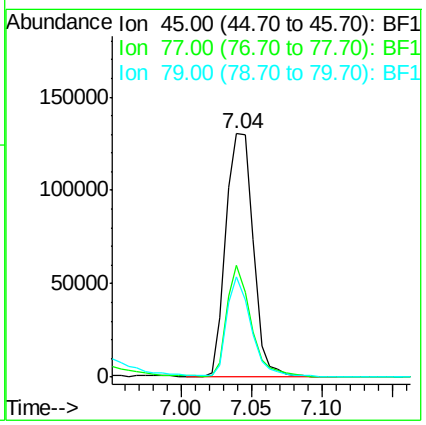


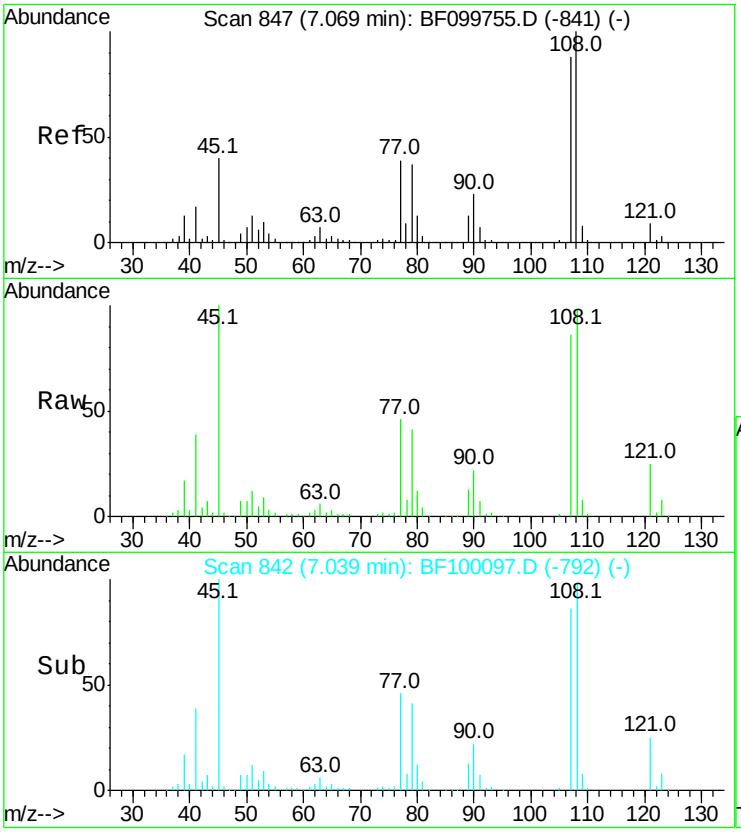




#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.676 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion: 45 Resp: 176949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 46.2 | 0.0 | 32.9# |
| 79 | 41.3 | 0.0 | 29.6# |



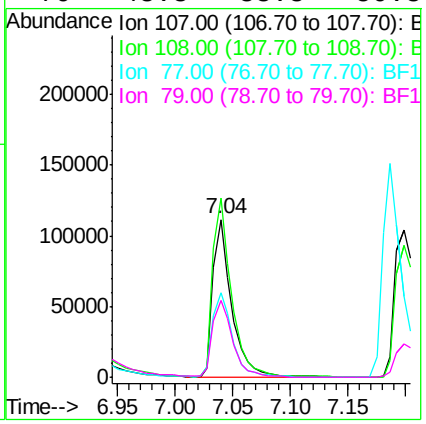


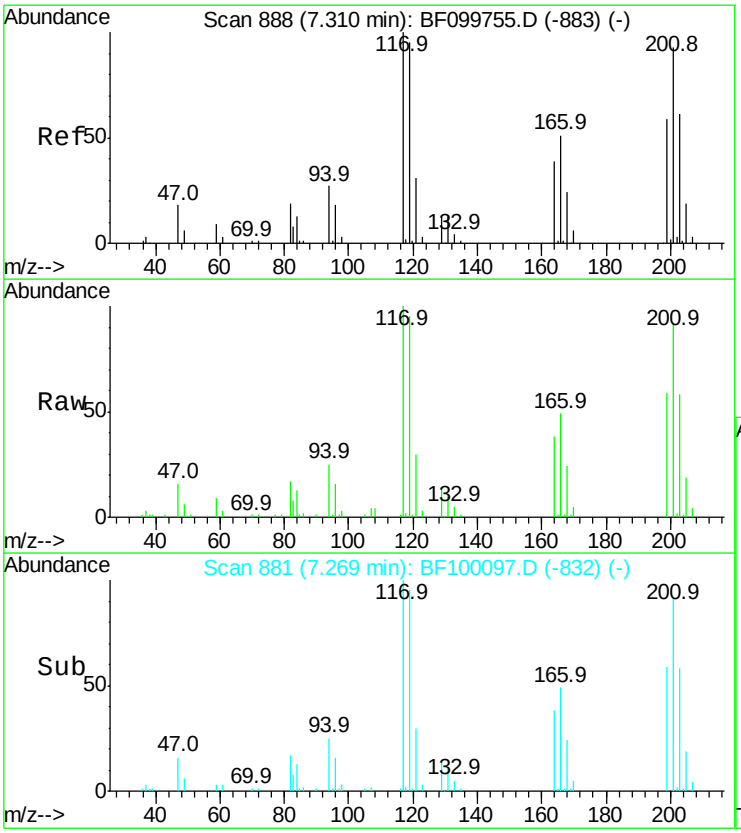

#17
2-Methylphenol
Concen: 25.481 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:107 Resp: 125519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.0 | 91.7 | 137.5 |
| 77 | 54.0 | 33.8 | 50.8# |
| 79 | 48.3 | 33.8 | 50.8 |

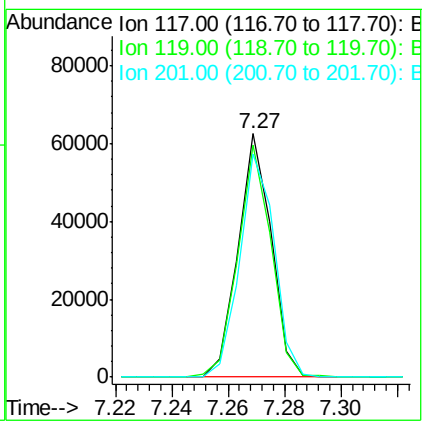


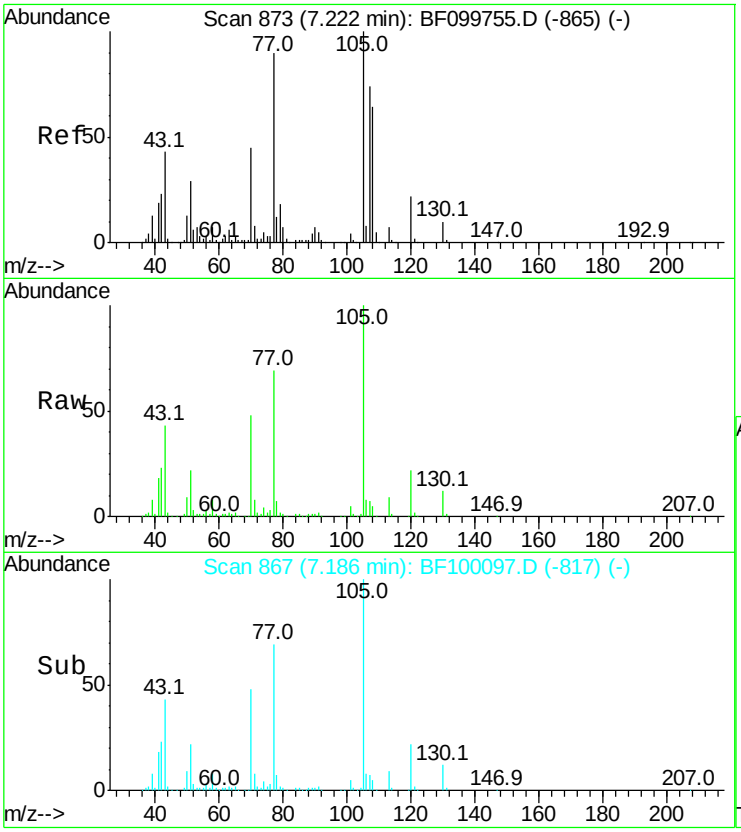




#18
Hexachloroethane
Concen: 22.780 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:117 Resp: 51004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.5 | 75.8 | 113.8 |
| 201 | 91.6 | 75.7 | 113.5 |



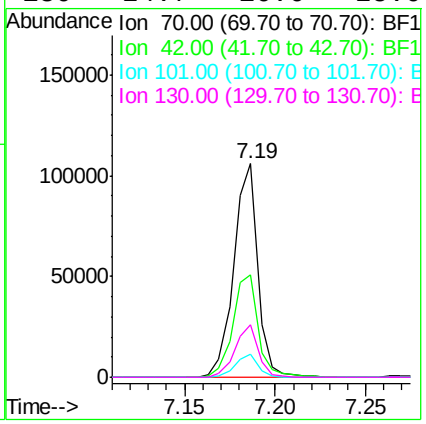


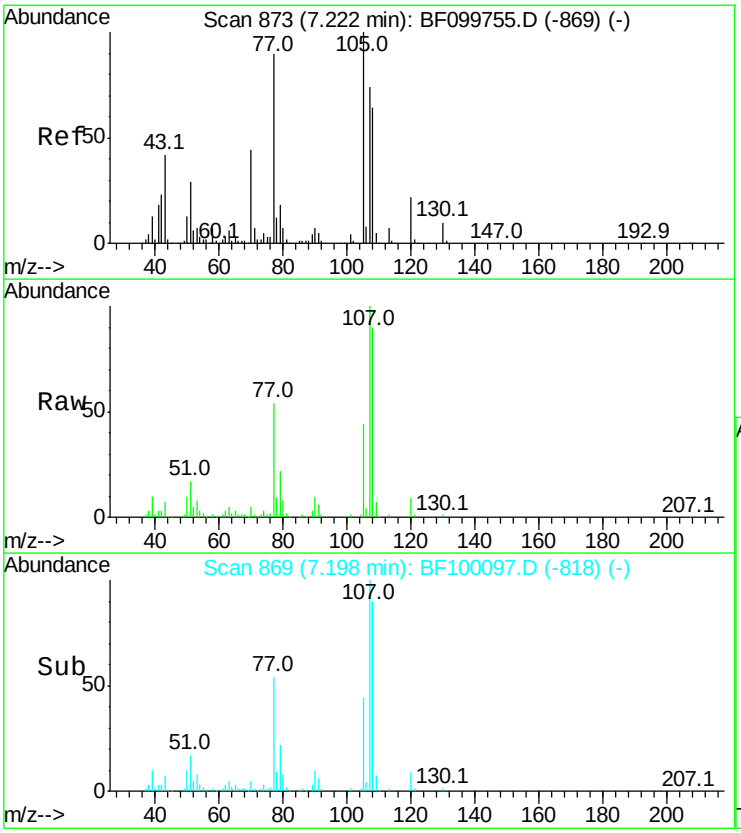

#19
n-Nitroso-di-n-propylamine
Concen: 25.526 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion: 70 Resp: 98006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.7 | 47.5 | 71.3 |
| 101 | 11.1 | 7.4 | 11.2 |
| 130 | 24.7 | 16.6 | 25.0 |

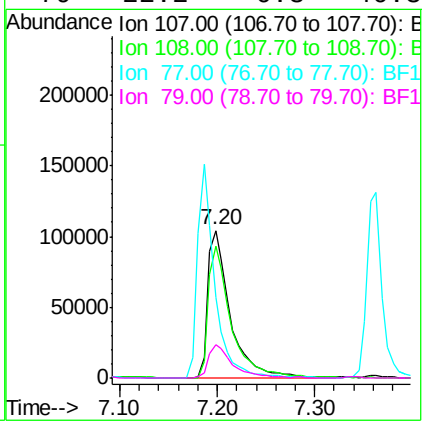


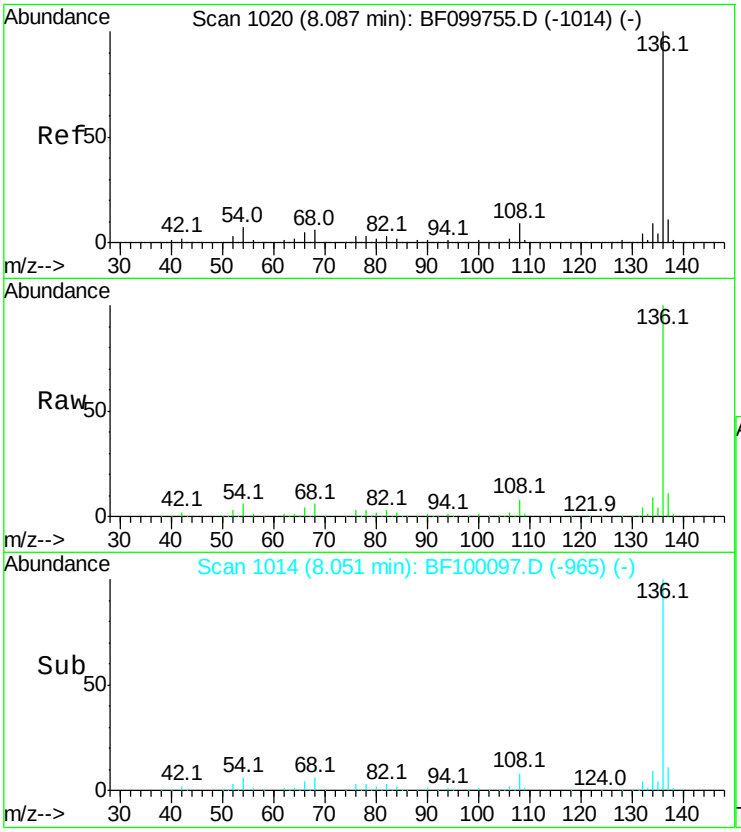




#20
3+4-Methylphenols
Concen: 29.207 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:107 Resp: 167529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.6 | 68.2 | 108.2 |
| 77 | 54.4 | 26.7 | 66.7 |
| 79 | 22.2 | 6.3 | 46.3 |



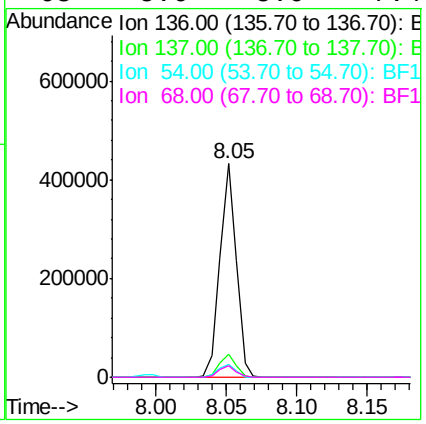


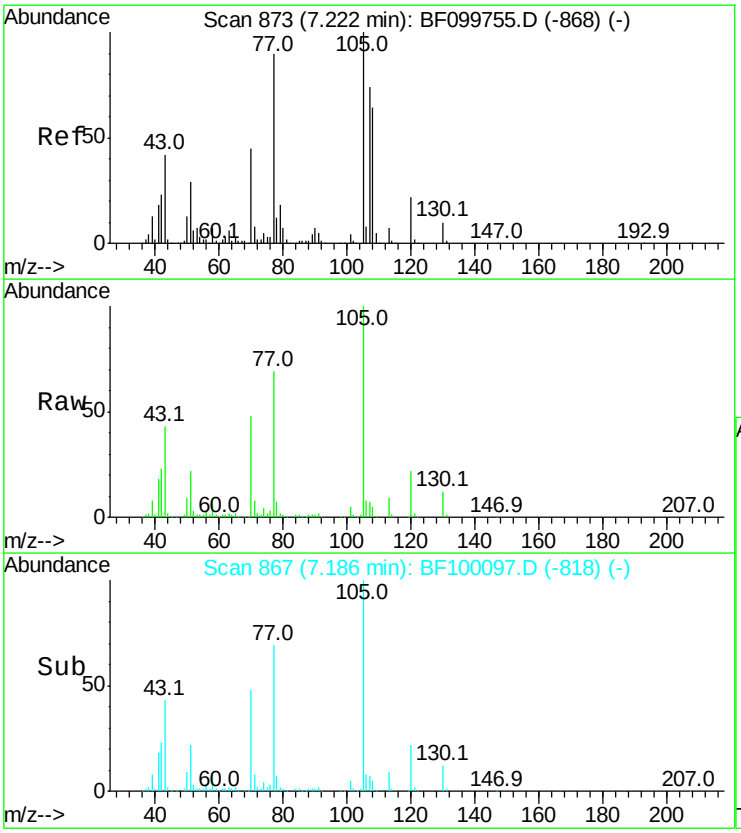

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:136 Resp: 350753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.9 | 13.3 |
| 54 | 6.3 | 6.6 | 9.8# |
| 68 | 5.6 | 5.0 | 7.4 |

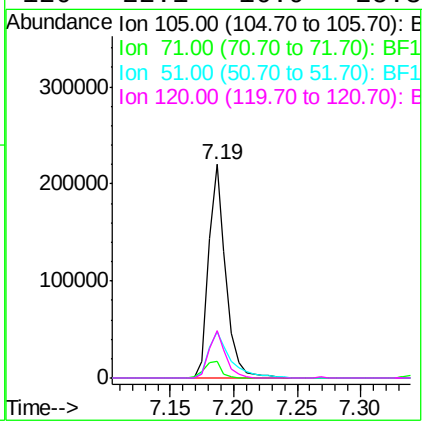


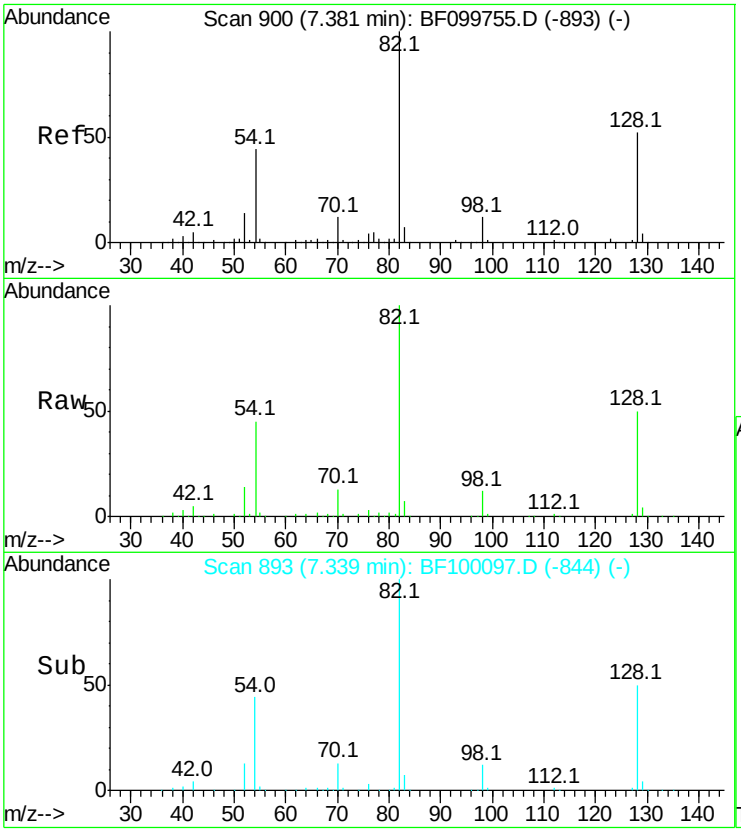




#22
Acetophenone
Concen: 26.152 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:105 Resp: 208861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.0 | 4.4 | 6.6# |
| 51 | 21.5 | 22.3 | 33.5# |
| 120 | 22.1 | 16.9 | 25.3 |



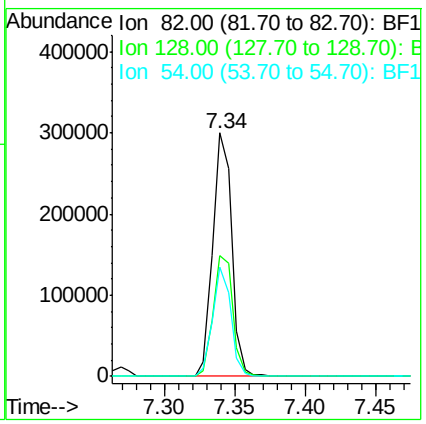


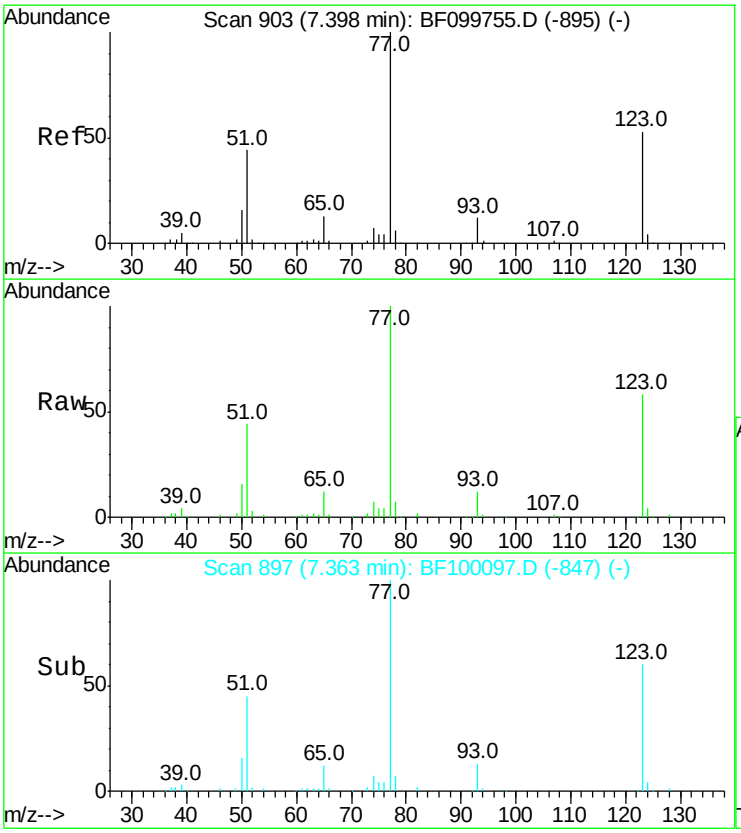

#23
Nitrobenzene-d5
Concen: 51.603 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion: 82 Resp: 281139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.5 | 36.1 | 54.1 |
| 54 | 44.7 | 41.4 | 62.2 |

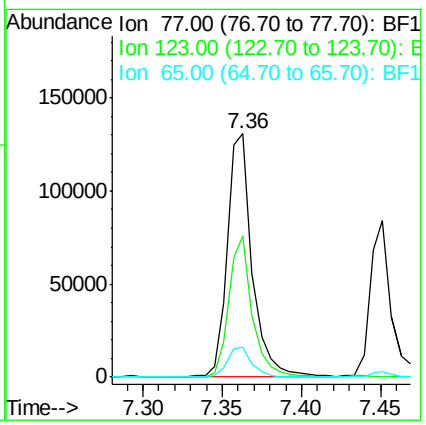


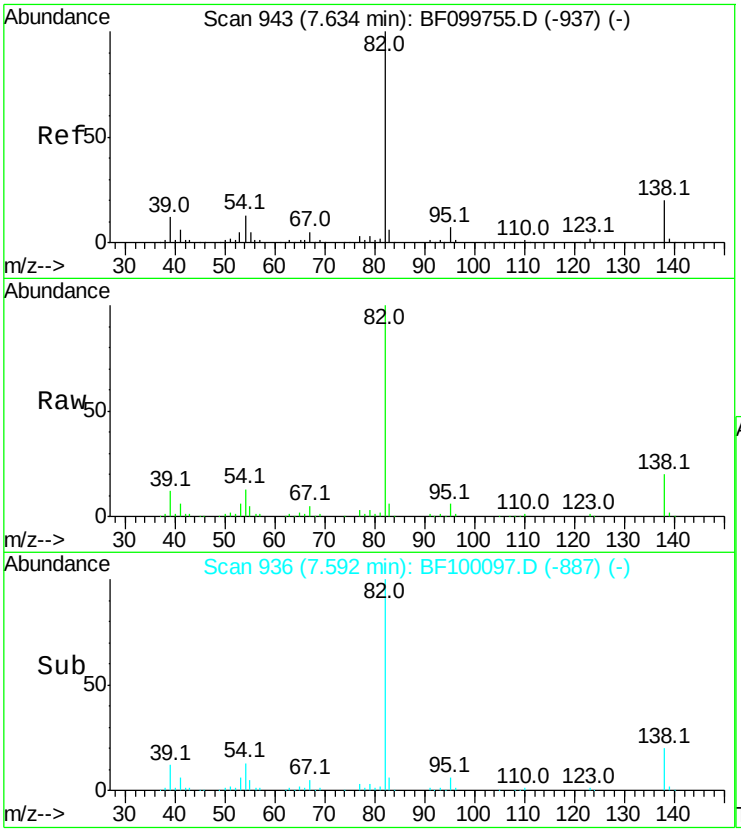




#24
Nitrobenzene
Concen: 25.892 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion: 77 Resp: 142134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 58.2 | 37.9 | 56.9# |
| 65 | 12.1 | 11.0 | 16.4 |



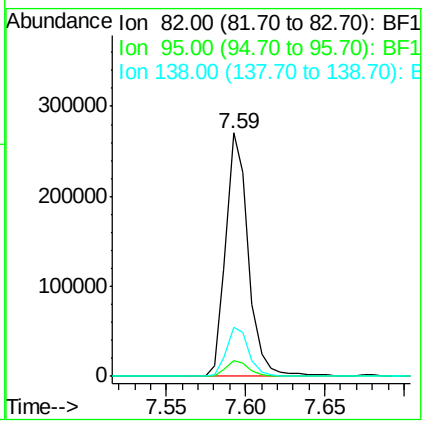


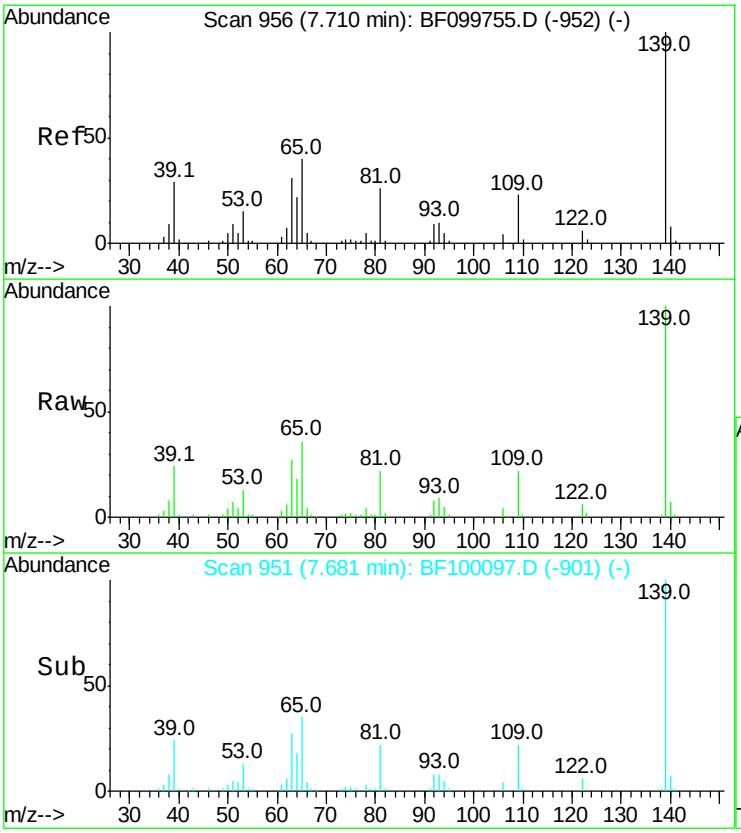

#25
Isophorone
Concen: 27.098 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion: 82 Resp: 267891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.4 | 5.2 | 7.8 |
| 138 | 20.1 | 14.9 | 22.3 |

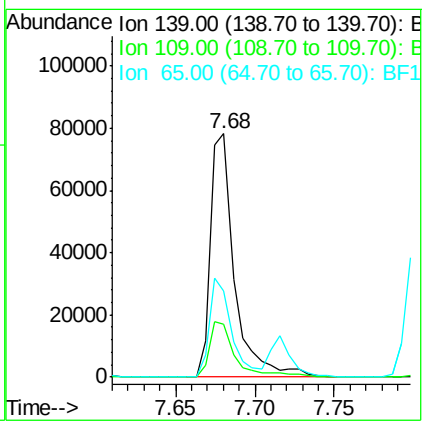


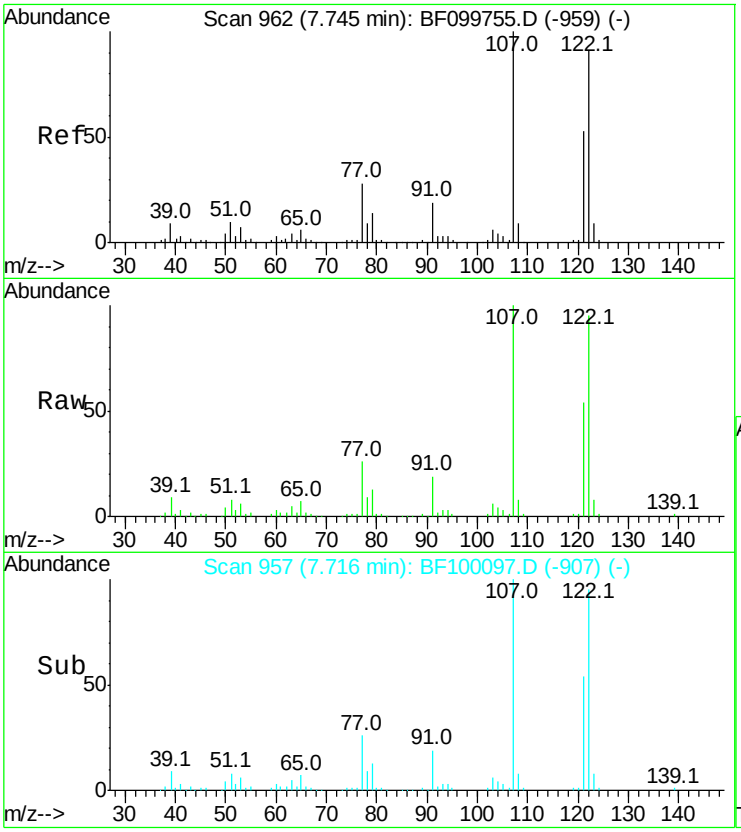




#26
2-Nitrophenol
Concen: 26.382 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:139 Resp: 82949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 21.7 | 22.7 | 34.1# |
| 65 | 35.5 | 40.5 | 60.7# |



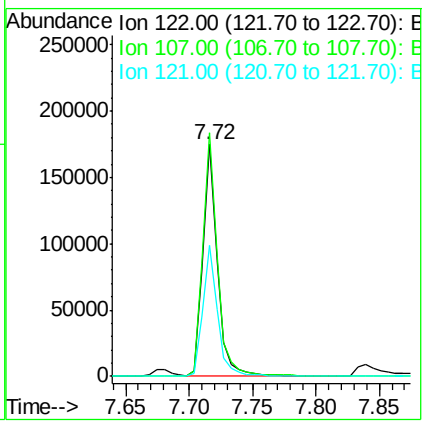


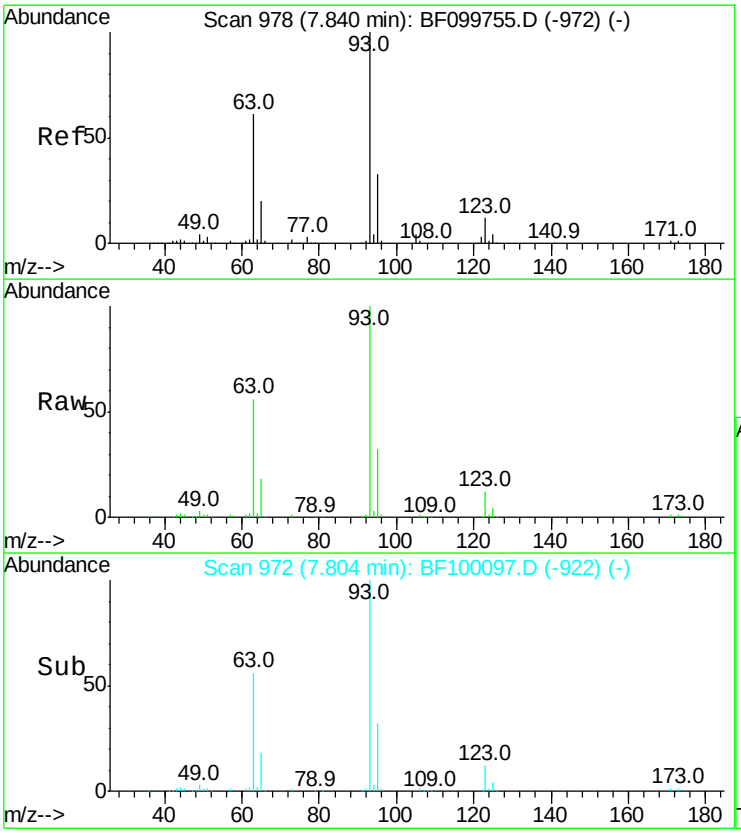

#27
2,4-Dimethylphenol
Concen: 30.230 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:122 Resp: 140042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 104.9 | 91.2 | 136.8 |
| 121 | 56.6 | 47.2 | 70.8 |

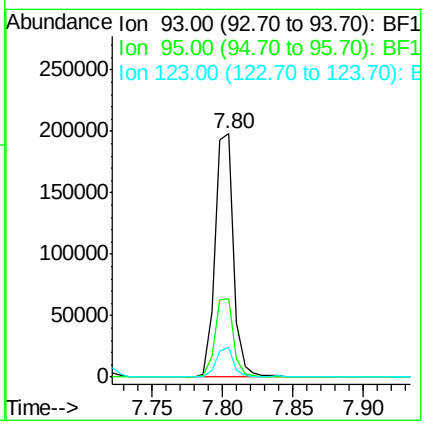


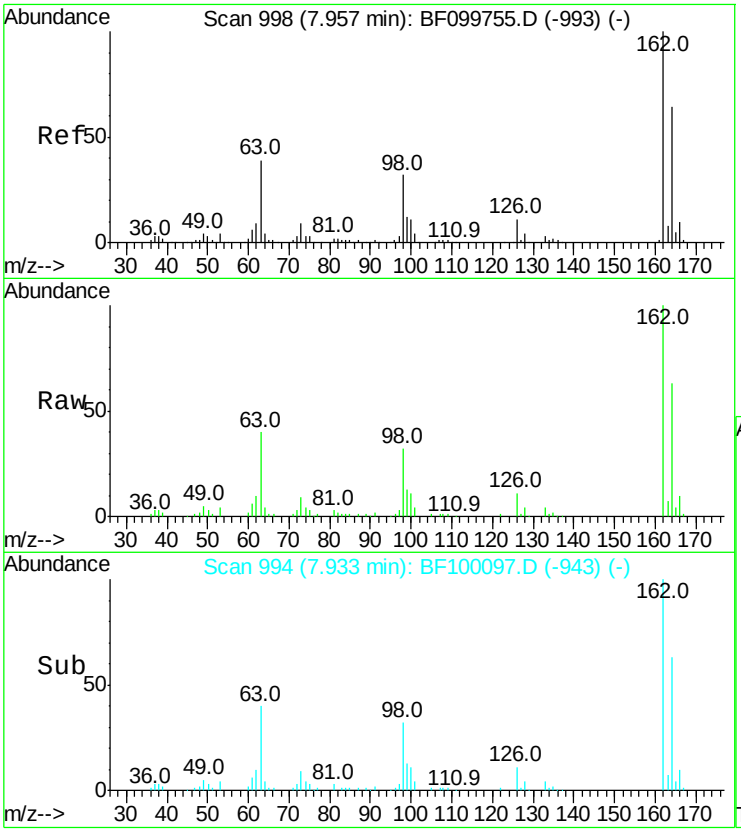




#28
bis(2-Chloroethoxy)methane
Concen: 25.977 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion: 93 Resp: 179854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.0 | 26.3 | 39.5 |
| 123 | 12.2 | 9.8 | 14.6 |



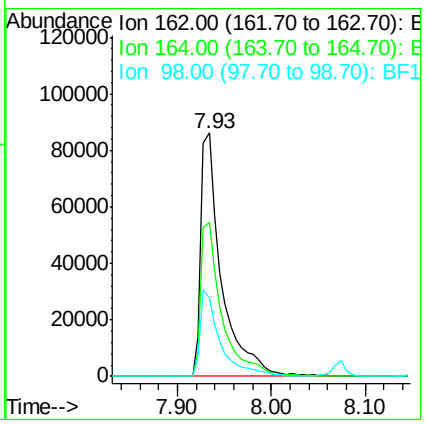


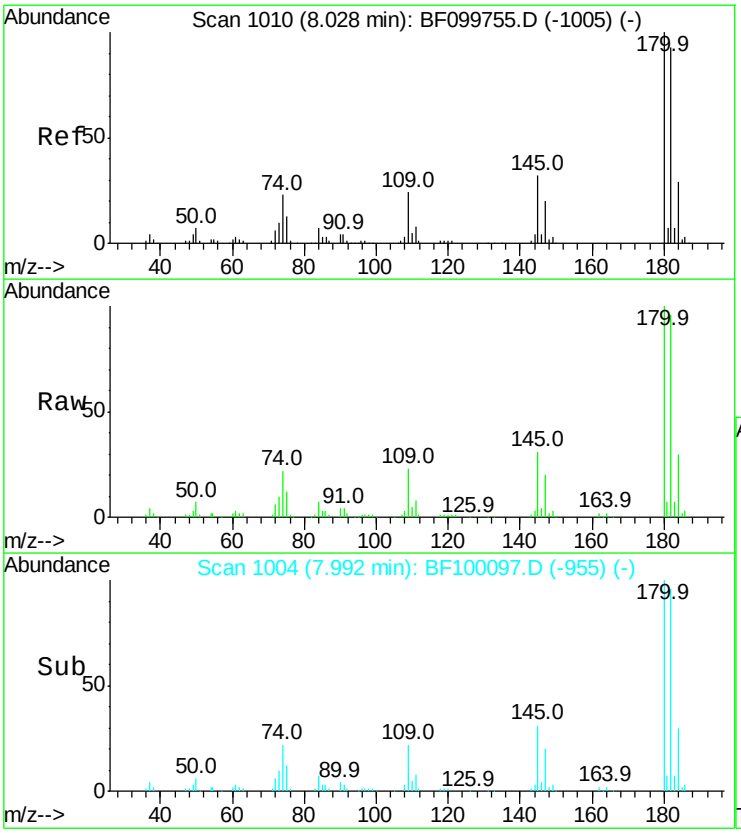

#29
2,4-Dichlorophenol
Concen: 27.579 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:162 Resp: 132724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.4 | 42.7 | 82.7 |
| 98 | 32.5 | 18.1 | 58.1 |

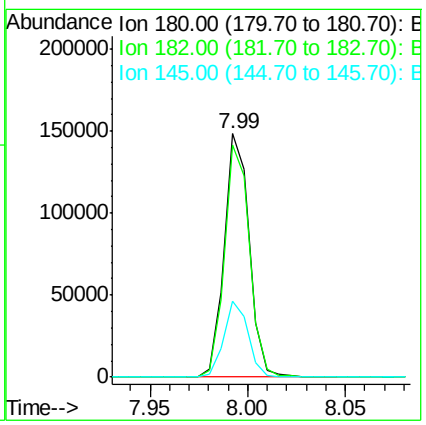


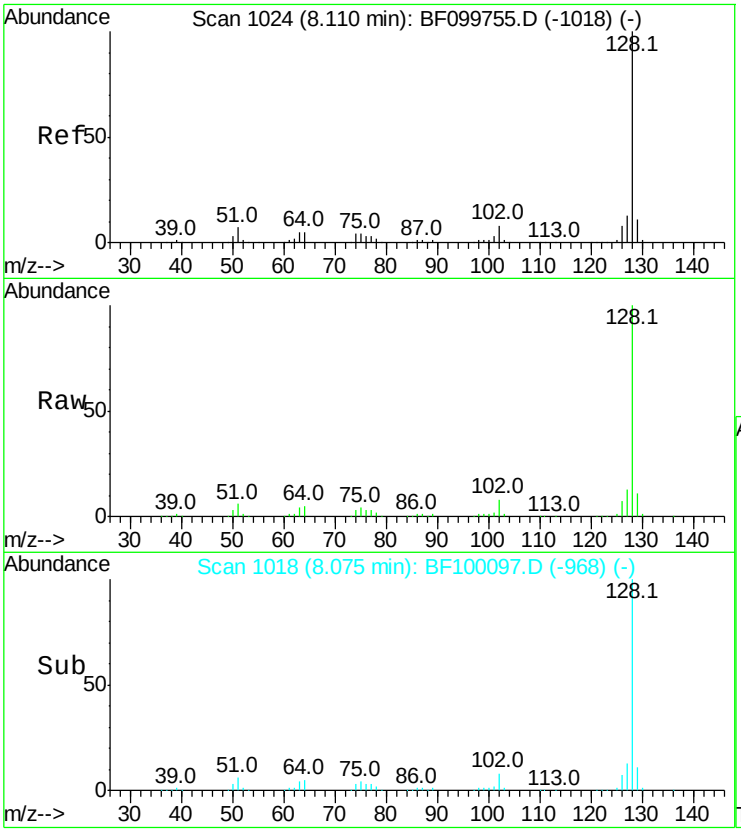




#30
1,2,4-Trichlorobenzene
Concen: 25.520 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:180 Resp: 131222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 76.8 | 115.2 |
| 145 | 31.3 | 26.5 | 39.7 |



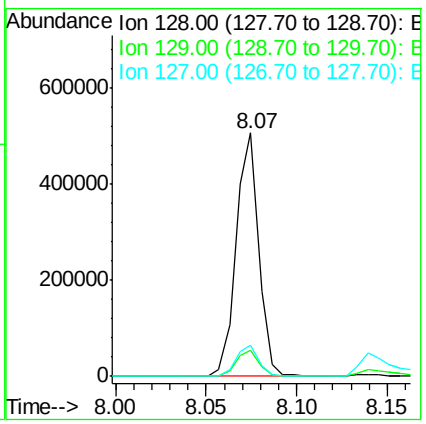


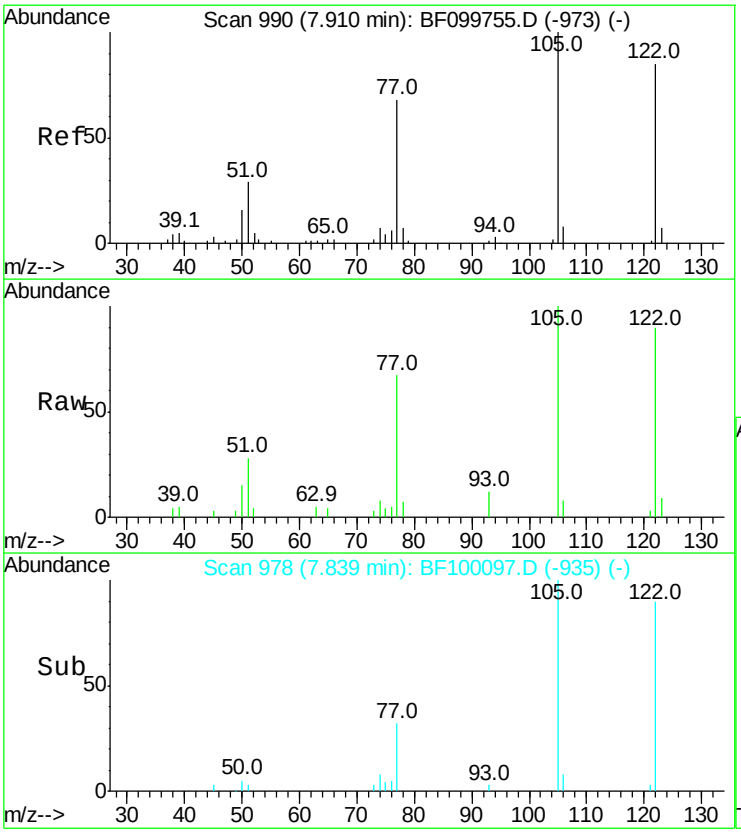

#31
Naphthalene
Concen: 25.922 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:128 Resp: 438891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.6 | 8.8 | 13.2 |
| 127 | 13.0 | 10.9 | 16.3 |

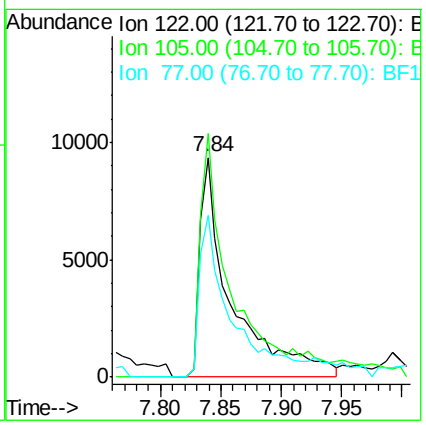


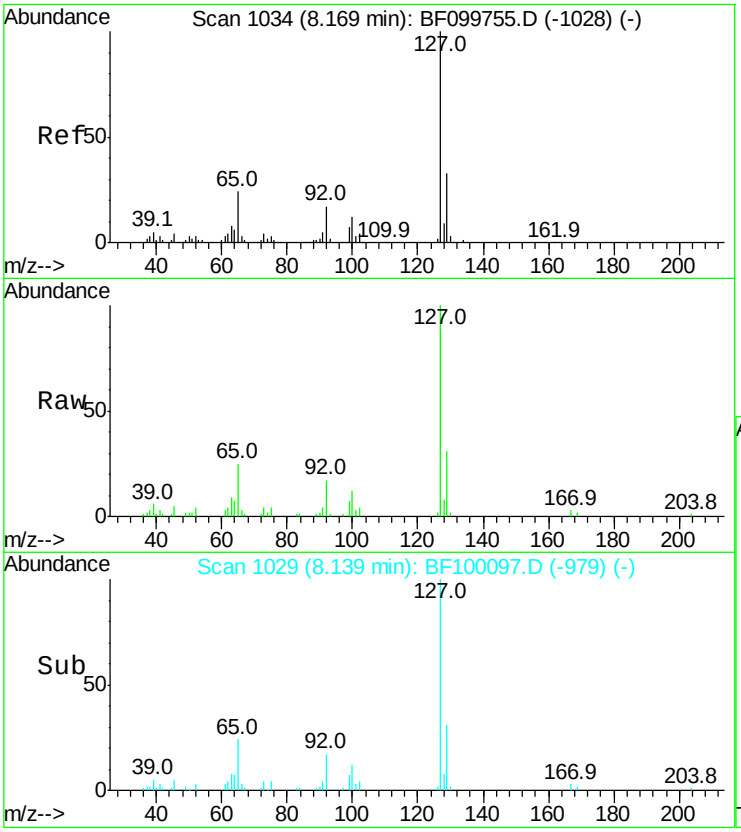




#32
Benzoic acid
Concen: 4.154 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.05 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:122 Resp: 16940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 110.7 | 101.1 | 141.1 |
| 77 | 73.7 | 70.7 | 110.7 |



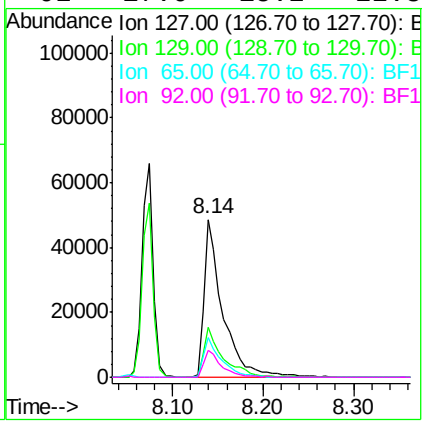


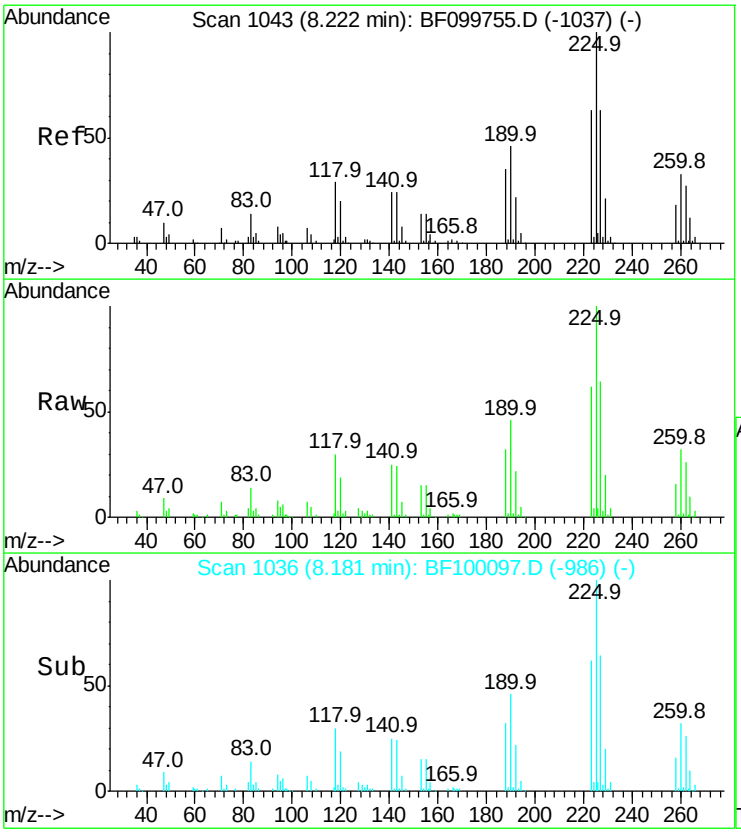

#33
4-Chloroaniline
Concen: 10.082 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:127 Resp: 70490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.4 | 25.9 | 38.9 |
| 65 | 25.2 | 25.0 | 37.4 |
| 92 | 17.0 | 15.2 | 22.8 |

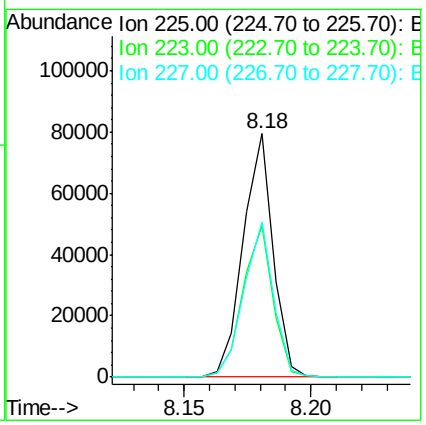


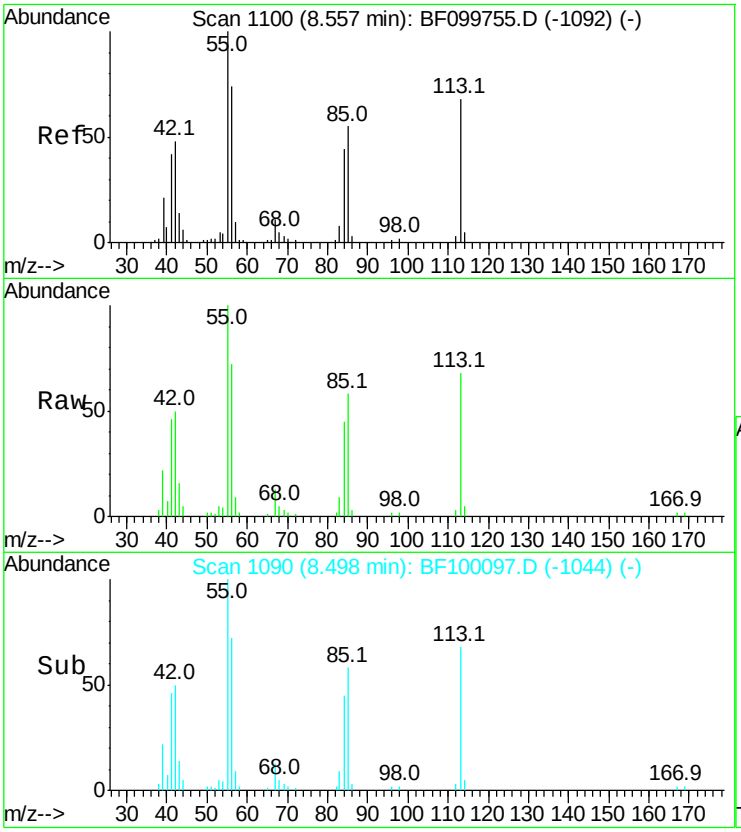




#34
Hexachlorobutadiene
Concen: 24.680 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:225 Resp: 65274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.4 | 50.6 | 76.0 |
| 227 | 63.9 | 51.9 | 77.9 |



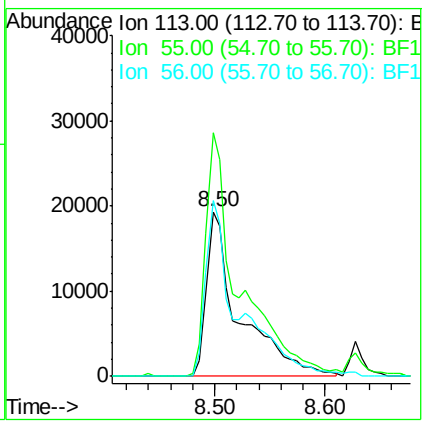


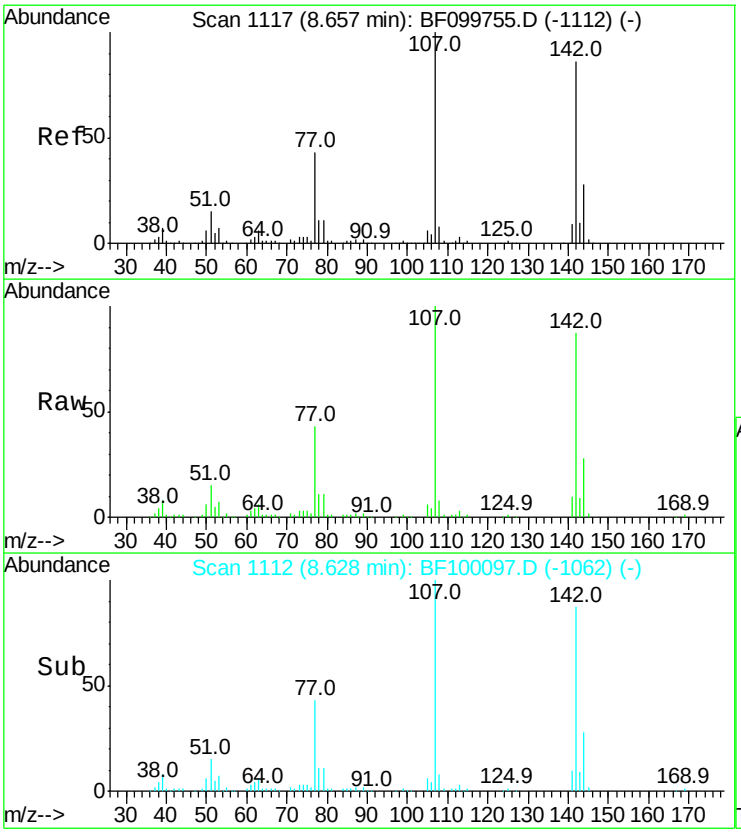

#35
Caprolactam
Concen: 26.139 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:113 Resp: 39559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 147.7 | 163.3 | 203.3# |
| 56 | 106.8 | 115.7 | 155.7# |

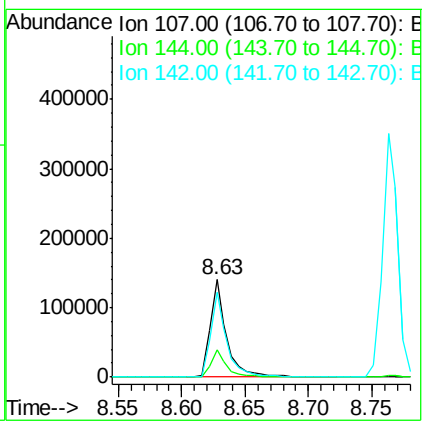


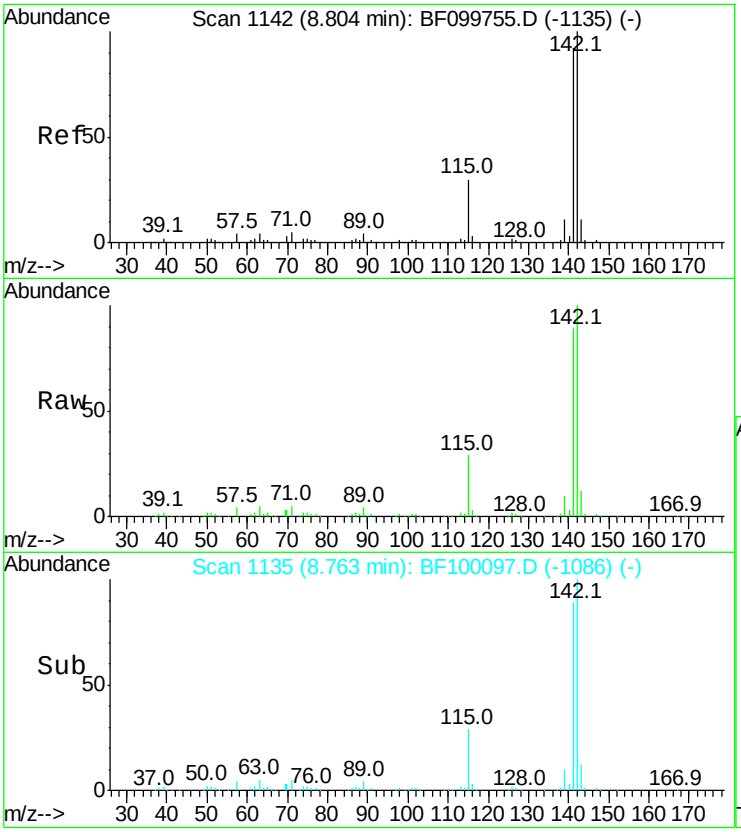




#36
4-Chloro-3-methylphenol
Concen: 25.941 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:107 Resp: 127419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.8 | 20.5 | 30.7 |
| 142 | 87.0 | 62.0 | 93.0 |



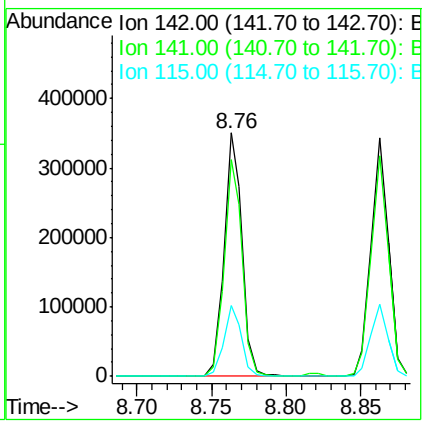


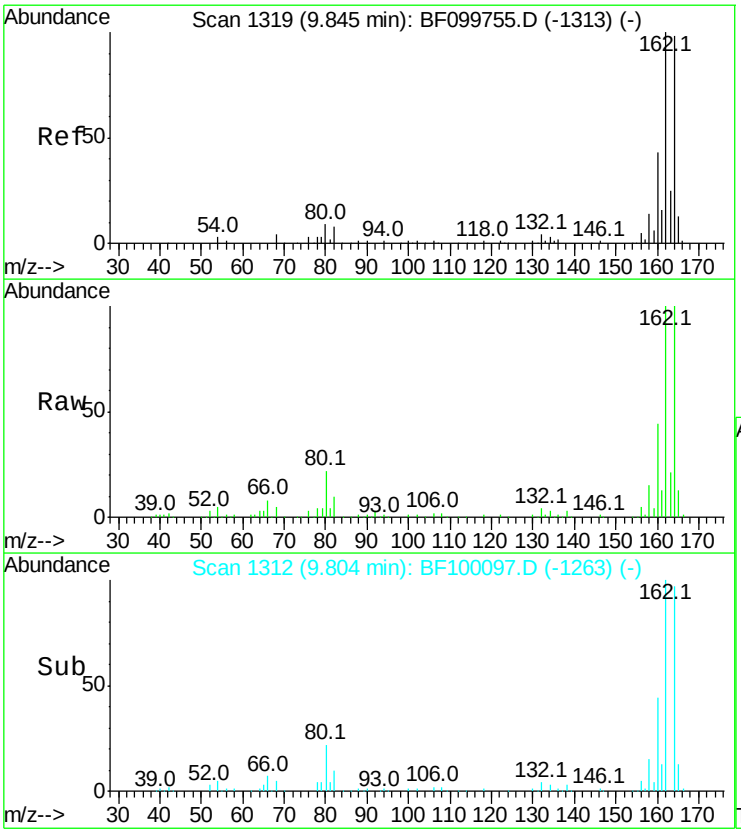

#37
2-Methylnaphthalene
Concen: 26.333 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:142 Resp: 298777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.2 | 70.8 | 106.2 |
| 115 | 28.9 | 26.1 | 39.1 |

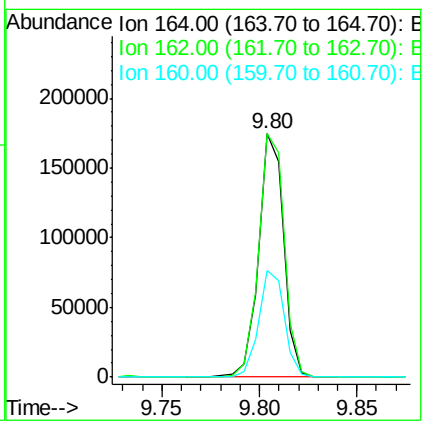


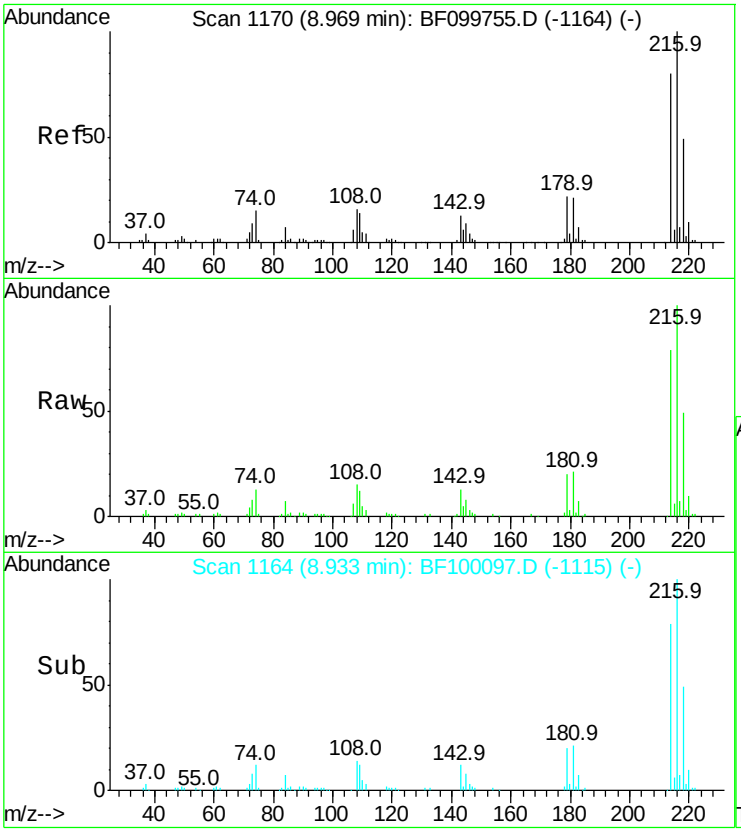




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:164 Resp: 154746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.1 | 86.1 | 129.1 |
| 160 | 44.0 | 38.3 | 57.5 |



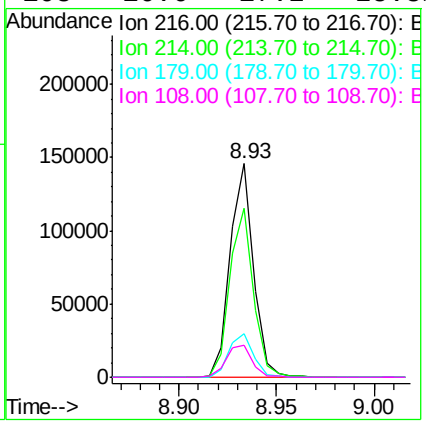


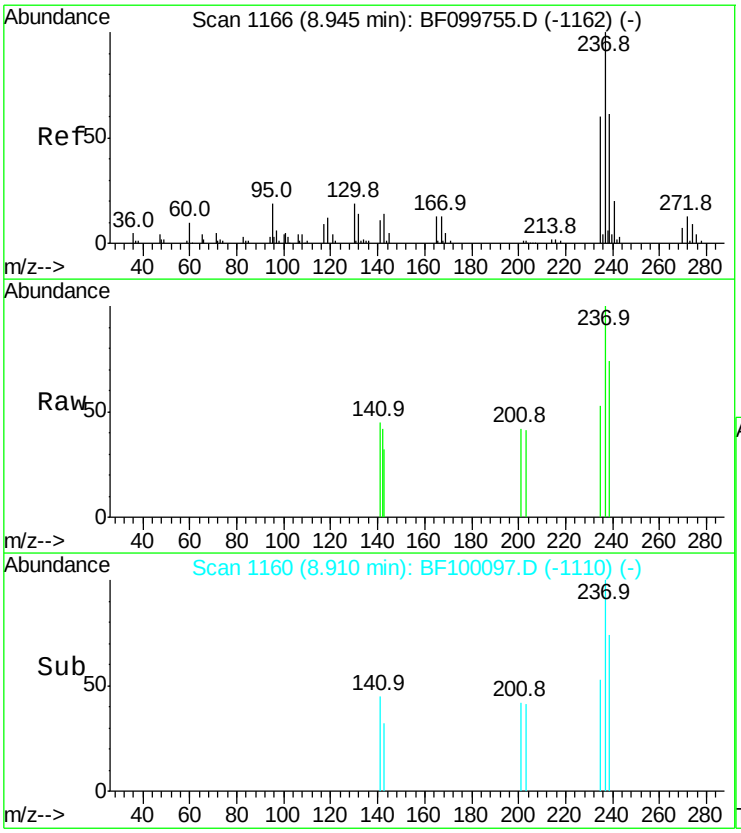

#39
1,2,4,5-Tetrachlorobenzene
Concen: 24.270 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:216 Resp: 121299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.9 | 63.0 | 94.4 |
| 179 | 21.4 | 18.1 | 27.1 |
| 108 | 16.6 | 17.2 | 25.8# |

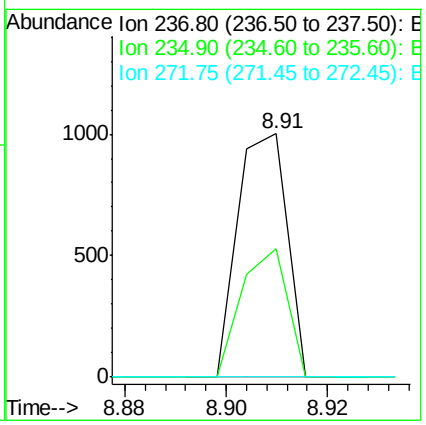


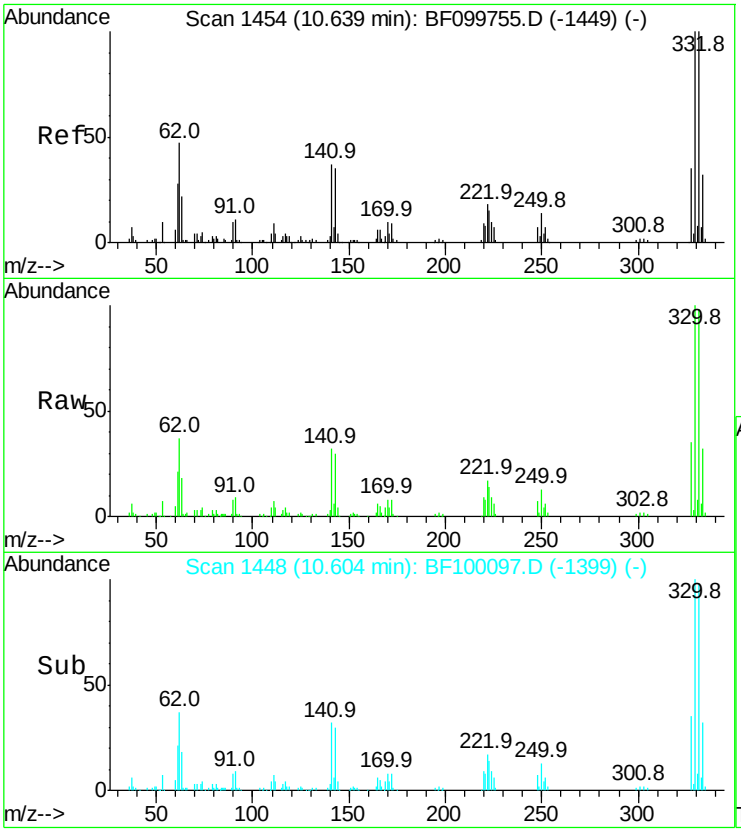




#40
Hexachlorocyclopentadiene
Concen: 10.831 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:237 Resp: 686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 52.8 | 44.8 | 84.8 |
| 272 | 0.0 | 0.0 | 33.3 |



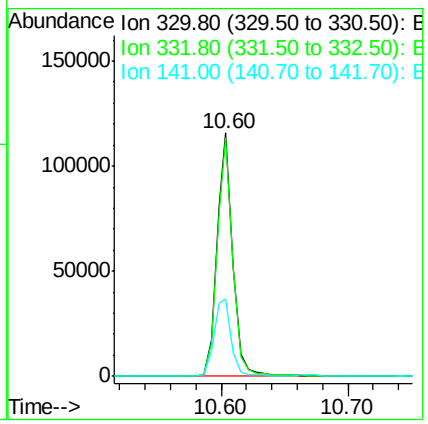


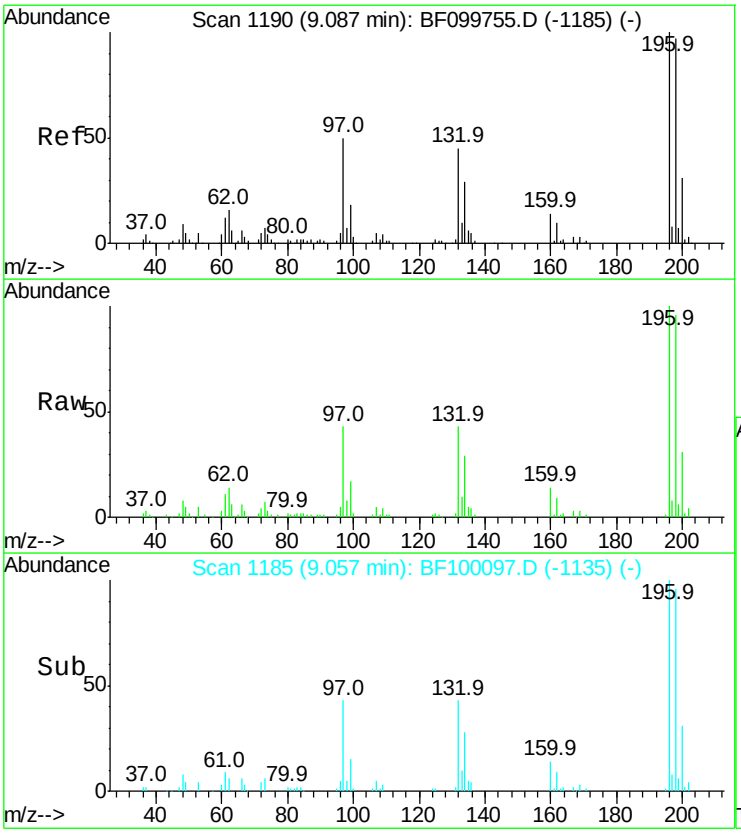

#41
2,4,6-Tribromophenol
Concen: 72.162 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:330 Resp: 101765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 77.0 | 115.6 |
| 141 | 35.2 | 29.9 | 44.9 |

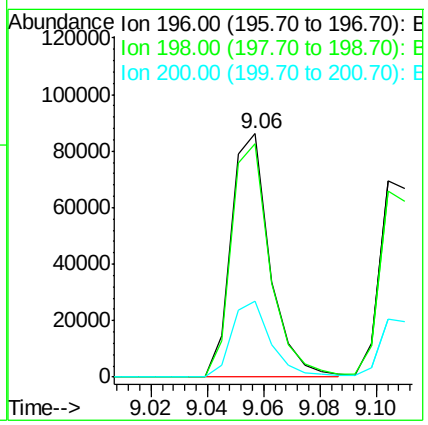


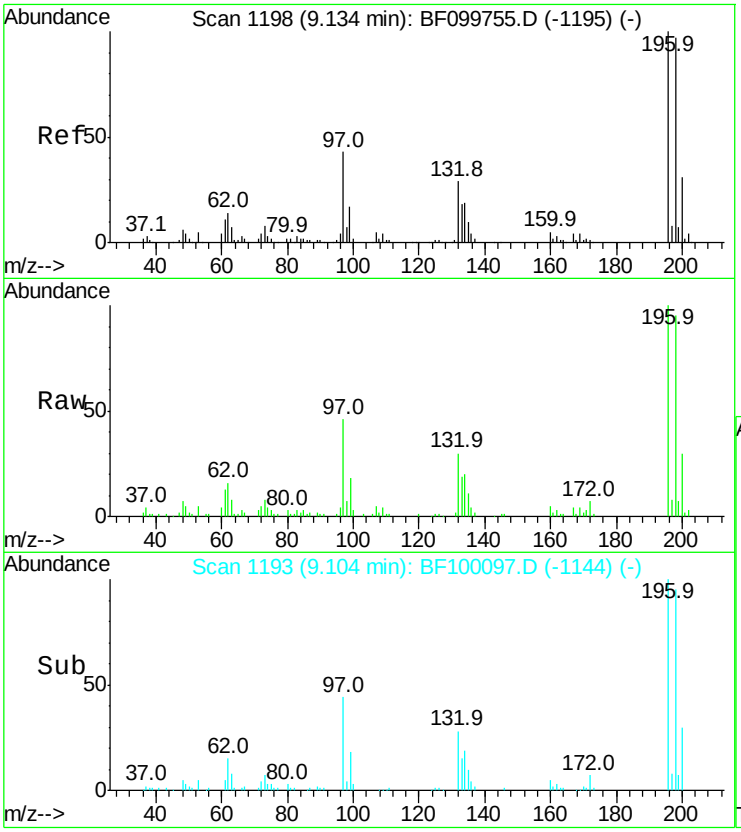




#42
2,4,6-Trichlorophenol
Concen: 27.119 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:196 Resp: 81984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 75.7 | 113.5 |
| 200 | 31.1 | 24.5 | 36.7 |



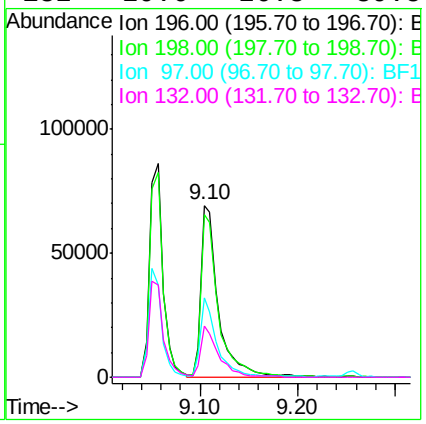


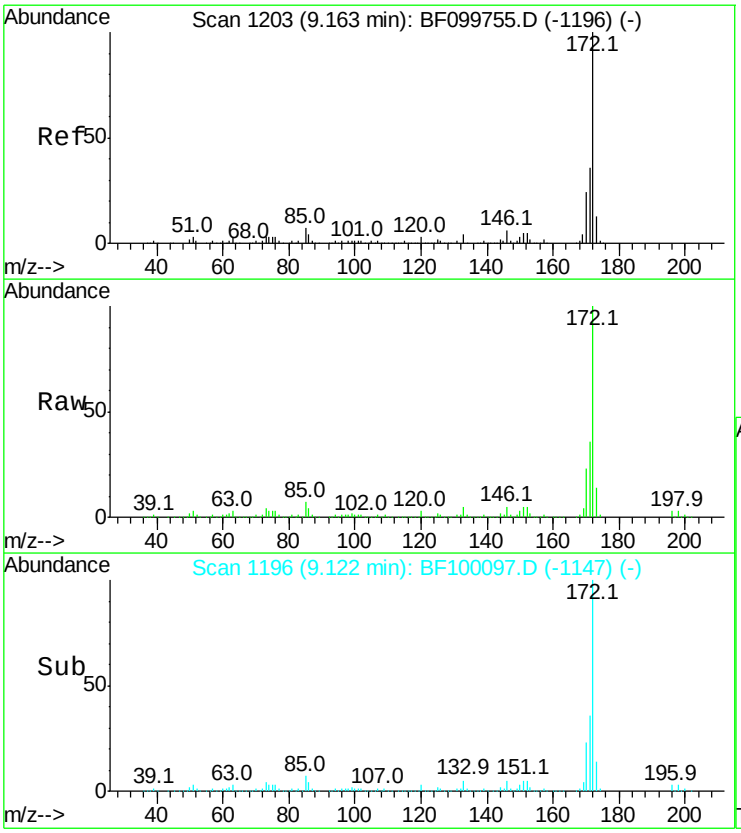

#43
2,4,5-Trichlorophenol
Concen: 26.938 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:196 Resp: 86420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.8 | 74.6 | 112.0 |
| 97 | 46.0 | 42.9 | 64.3 |
| 132 | 29.6 | 26.3 | 39.5 |

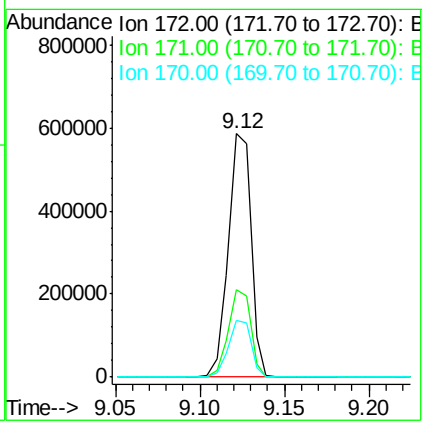


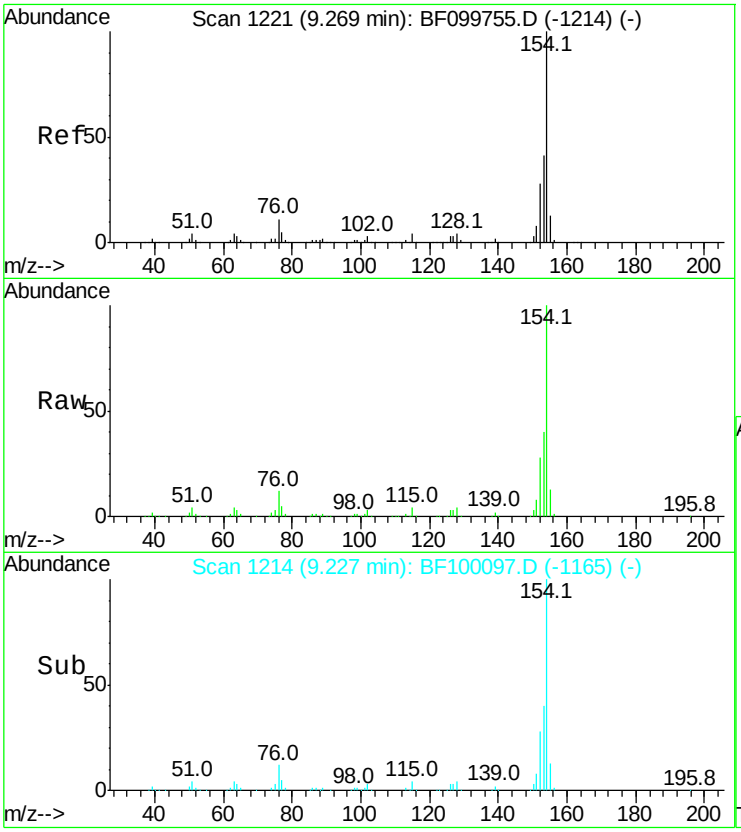




#44
2-Fluorobiphenyl
Concen: 54.358 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:172 Resp: 545205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 29.7 | 44.5 |
| 170 | 23.1 | 19.6 | 29.4 |



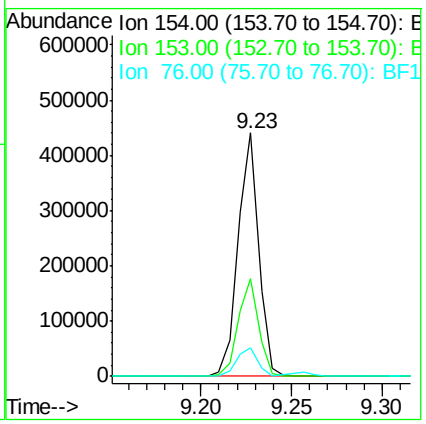


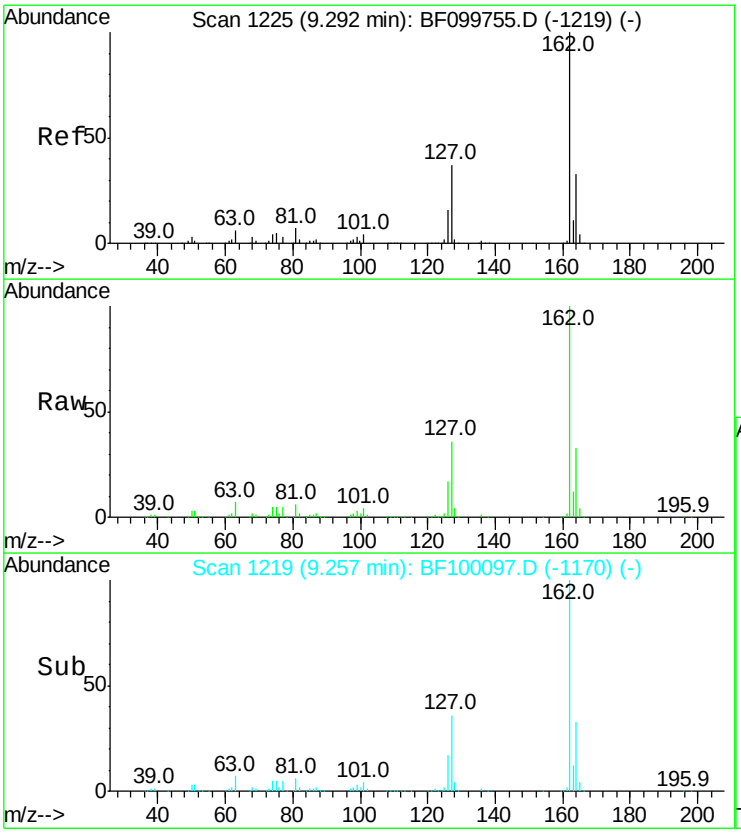

#45
1,1'-Biphenyl
Concen: 24.772 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:154 Resp: 346782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 21.3 | 61.3 |
| 76 | 11.6 | 0.0 | 34.0 |

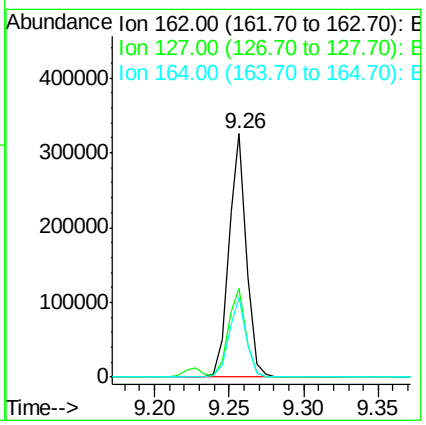


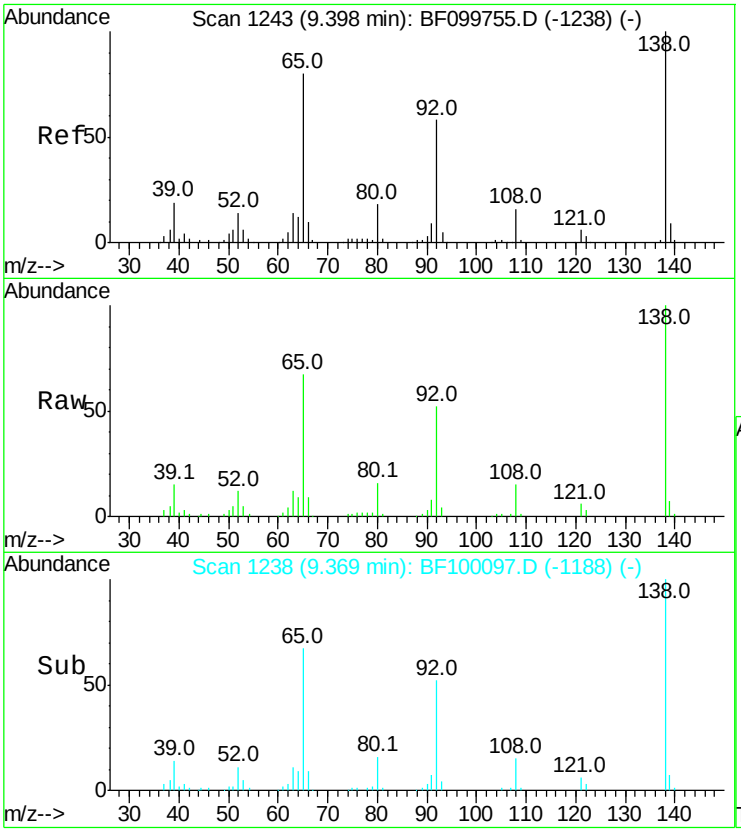




#46
2-Chloronaphthalene
Concen: 26.451 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:162 Resp: 268918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 36.4 | 33.9 | 50.9 |
| 164 | 33.0 | 26.5 | 39.7 |



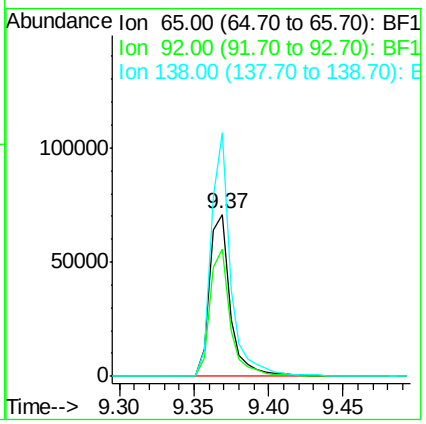


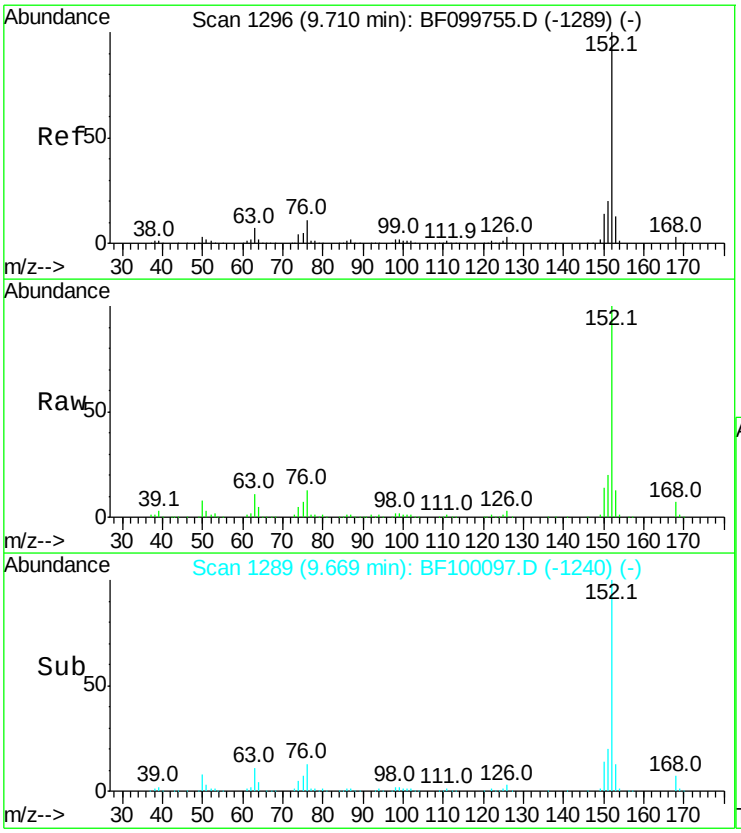

#47
2-Nitroaniline
Concen: 25.958 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion: 65 Resp: 69265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 78.3 | 55.8 | 83.6 |
| 138 | 150.1 | 91.2 | 136.8# |

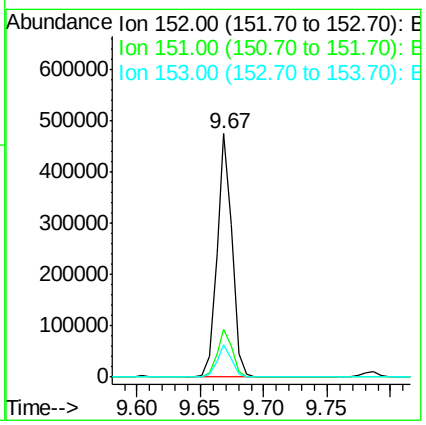


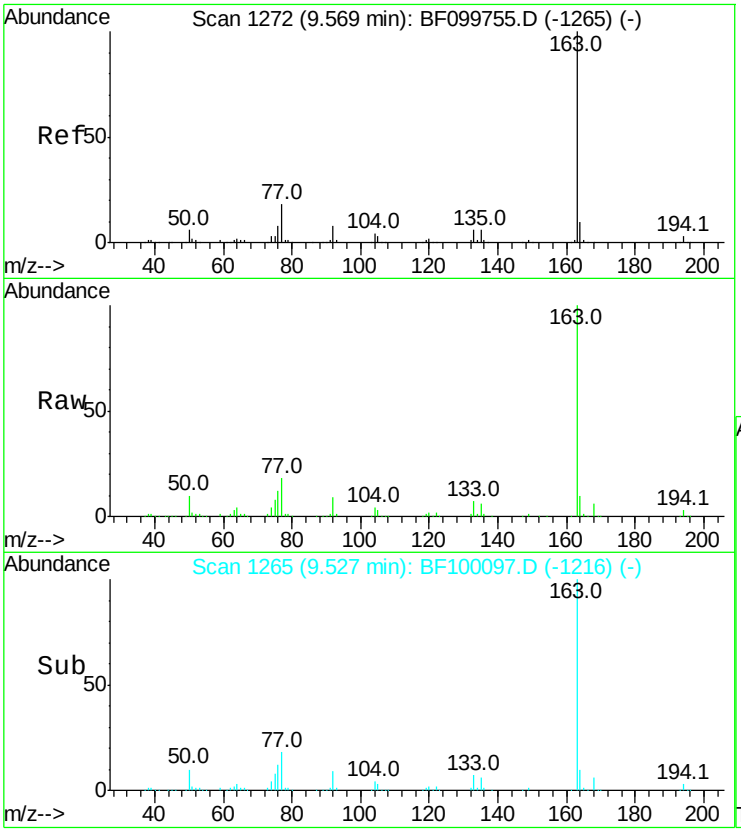




#48
Acenaphthylene
Concen: 25.146 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:152 Resp: 393759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 16.3 | 24.5 |
| 153 | 13.1 | 10.7 | 16.1 |



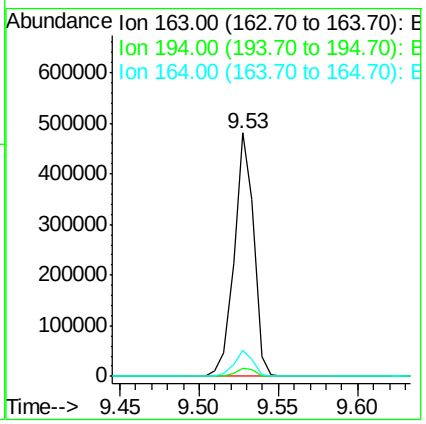


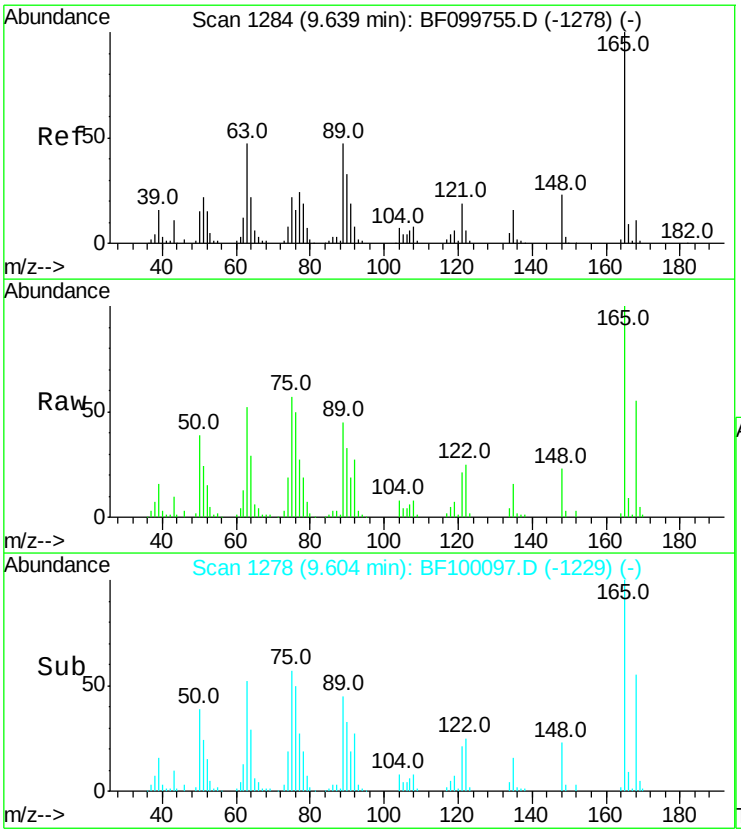

#49
Dimethylphthalate
Concen: 33.342 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:163 Resp: 408588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 2.7 | 4.1 |
| 164 | 10.4 | 8.2 | 12.2 |

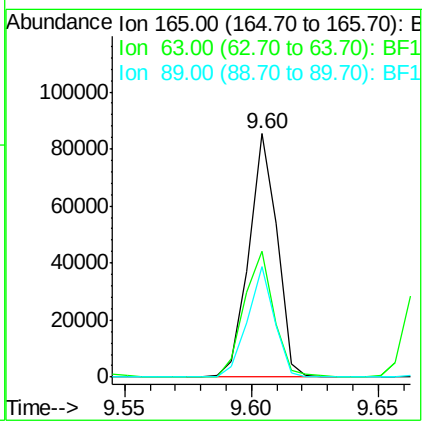


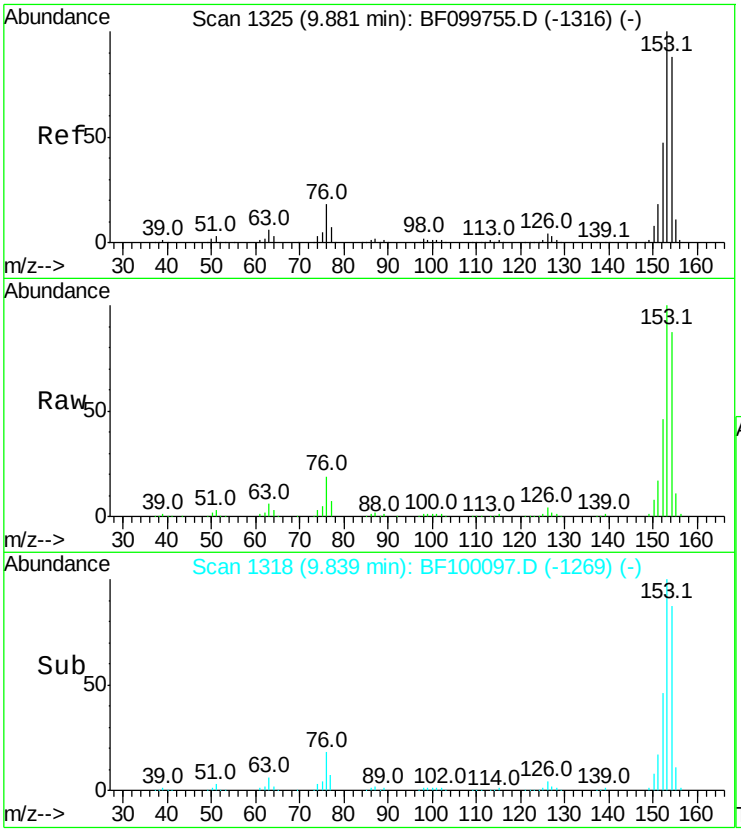




#50
2,6-Dinitrotoluene
Concen: 25.699 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:165 Resp: 66205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.6 | 44.7 | 67.1 |
| 89 | 45.1 | 44.0 | 66.0 |



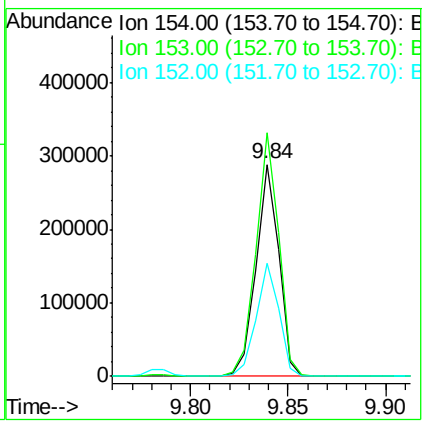


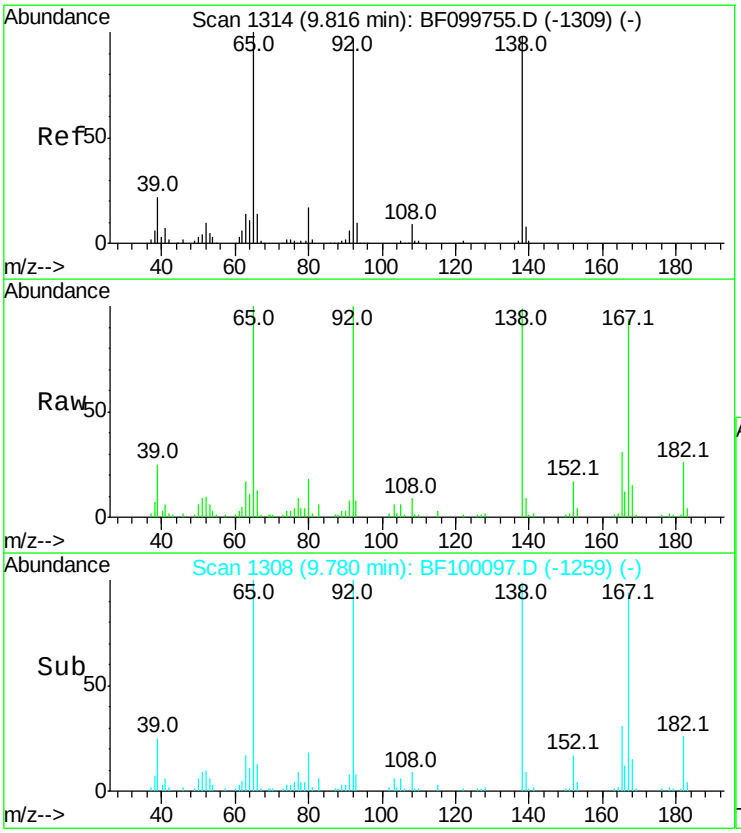

#51
Acenaphthene
Concen: 24.539 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:154 Resp: 234784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.9 | 91.2 | 136.8 |
| 152 | 53.2 | 43.8 | 65.8 |

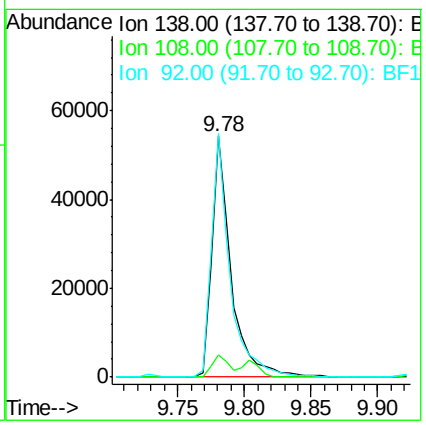


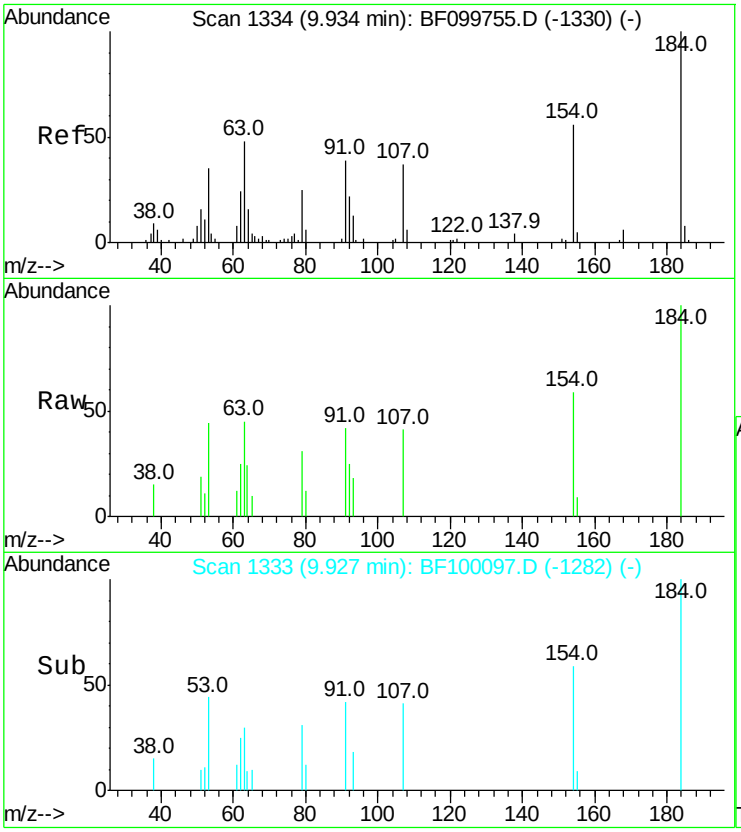




#52
3-Nitroaniline
Concen: 18.138 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:138 Resp: 55059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.1 | 9.4 | 14.0# |
| 92 | 101.3 | 89.4 | 134.2 |



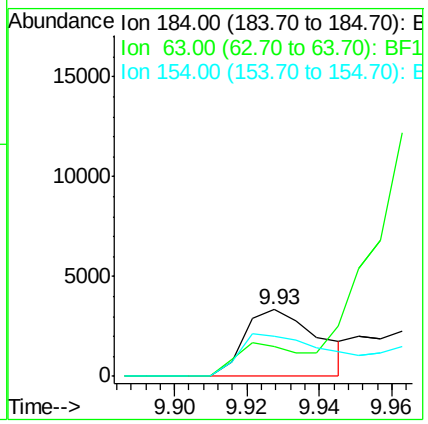


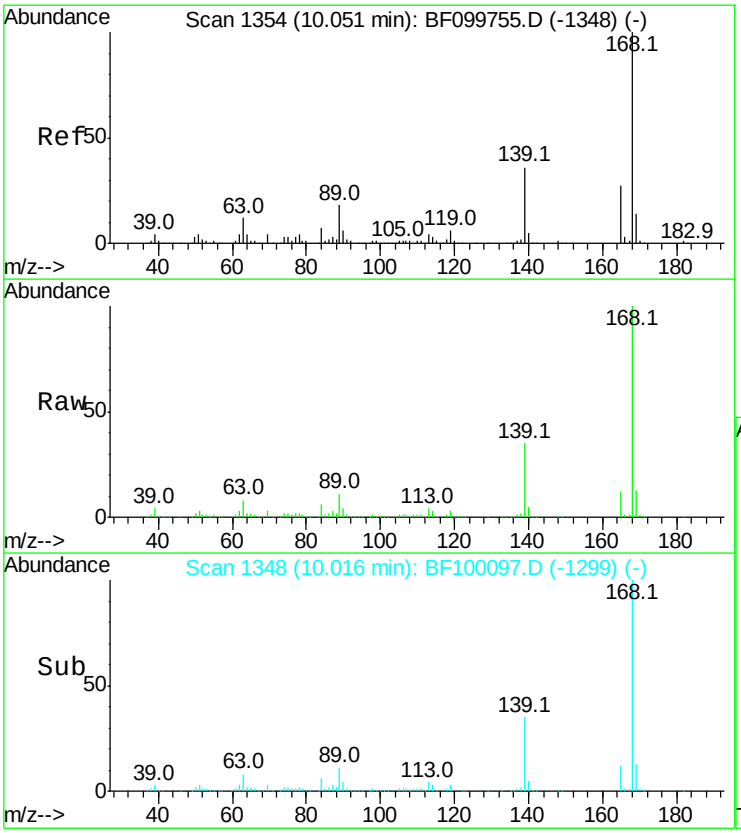

#53
2,4-Dinitrophenol
Concen: 10.093 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:184 Resp: 4748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 45.2 | 54.2 | 81.2# |
| 154 | 59.5 | 53.5 | 80.3 |

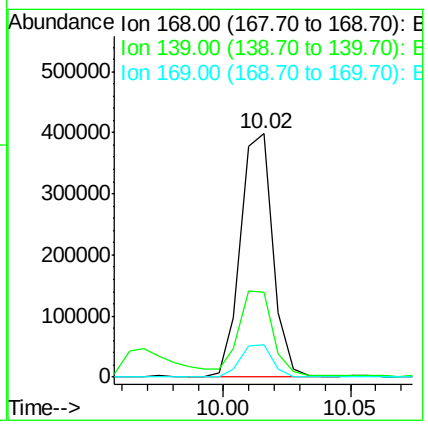


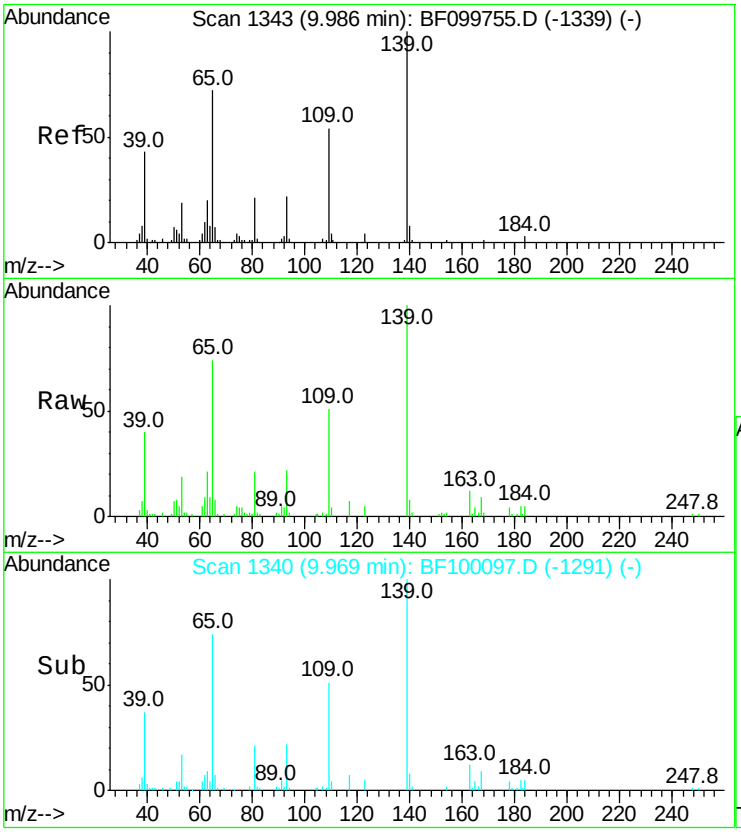




#54
Dibenzofuran
Concen: 26.173 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:168 Resp: 353484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.8 | 30.1 | 45.1 |
| 169 | 13.1 | 10.9 | 16.3 |



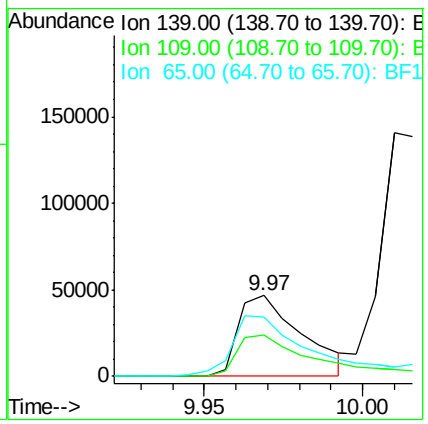


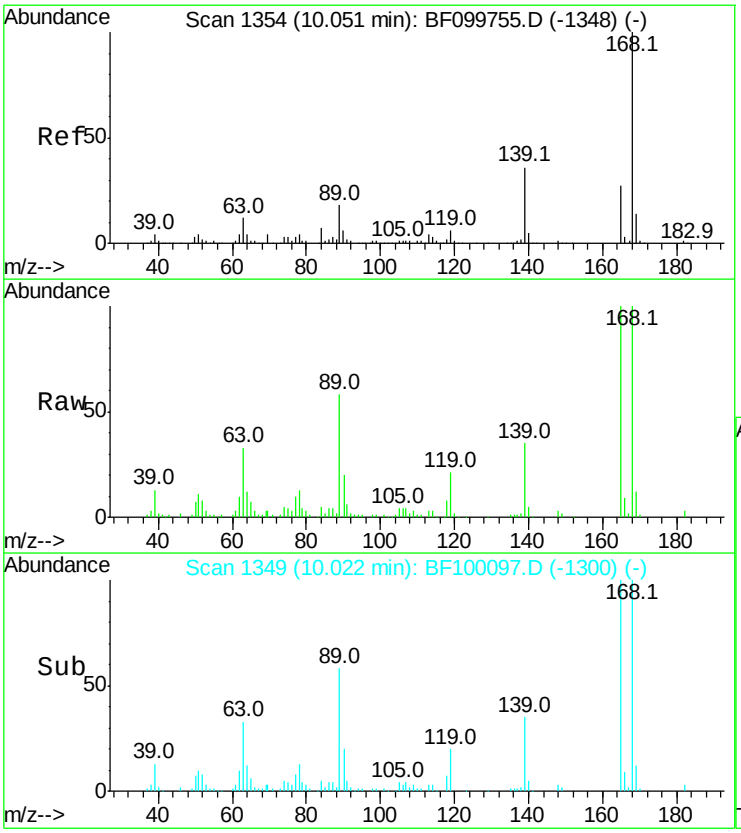

#55
4-Nitrophenol
Concen: 40.631 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:139 Resp: 64443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 50.8 | 48.4 | 88.4 |
| 65 | 73.8 | 72.6 | 112.6 |

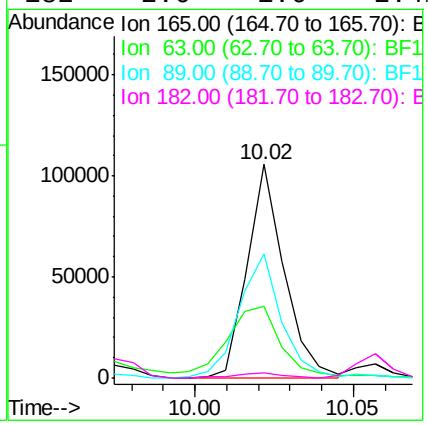


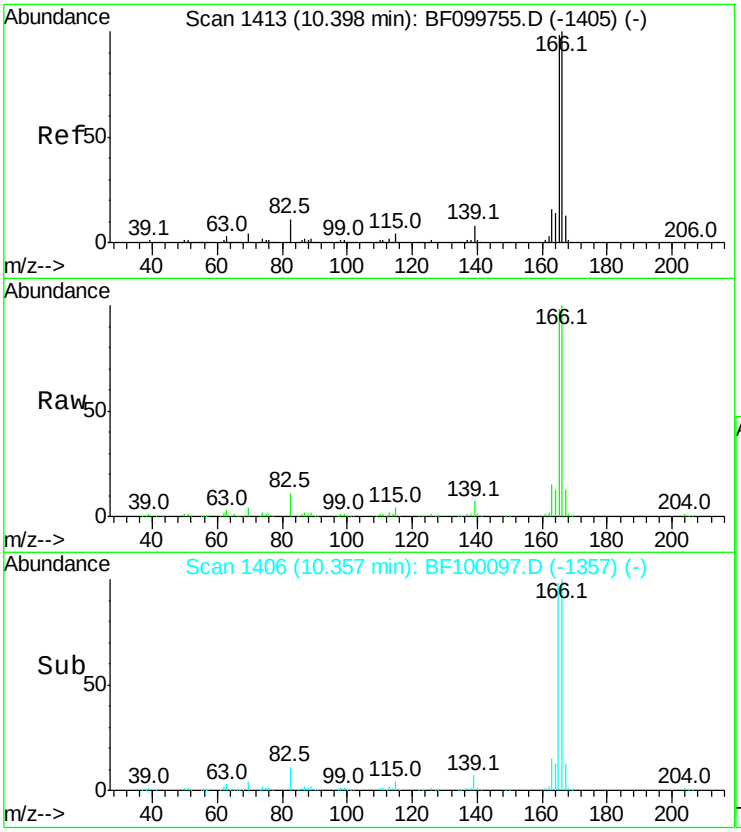




#56
2,4-Dinitrotoluene
Concen: 27.596 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:165 Resp: 85617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 33.3 | 36.4 | 54.6# |
| 89 | 58.1 | 57.8 | 86.6 |
| 182 | 2.6 | 1.6 | 2.4# |



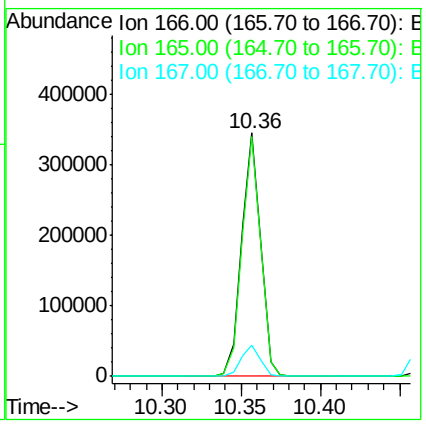


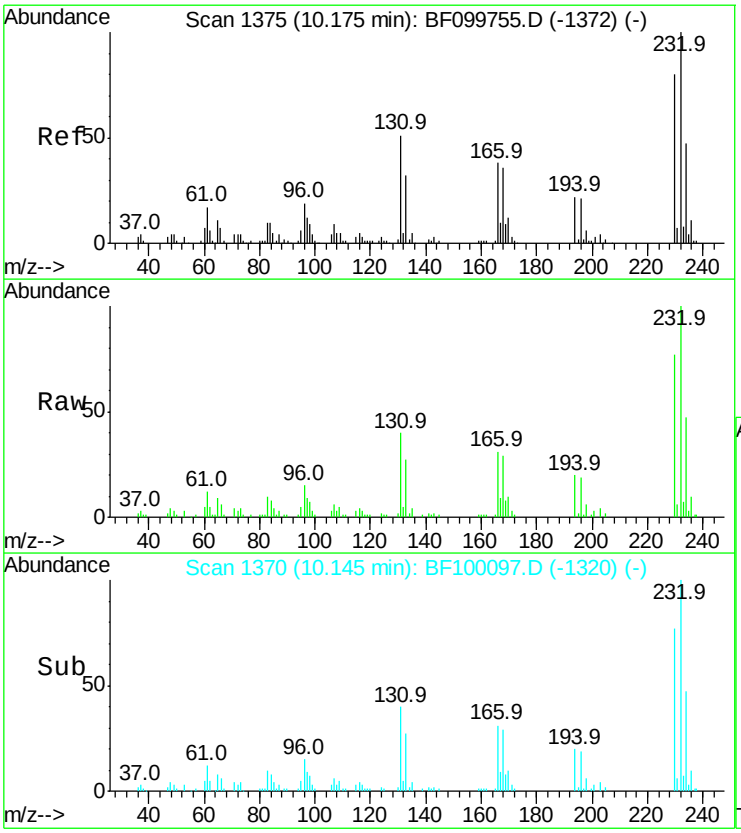

#57
Fluorene
Concen: 25.320 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:166 Resp: 283130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 79.8 | 119.8 |
| 167 | 13.1 | 10.6 | 16.0 |

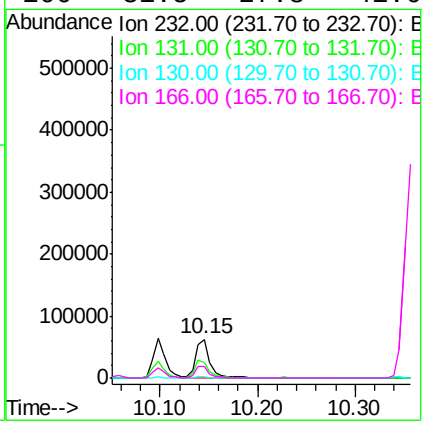


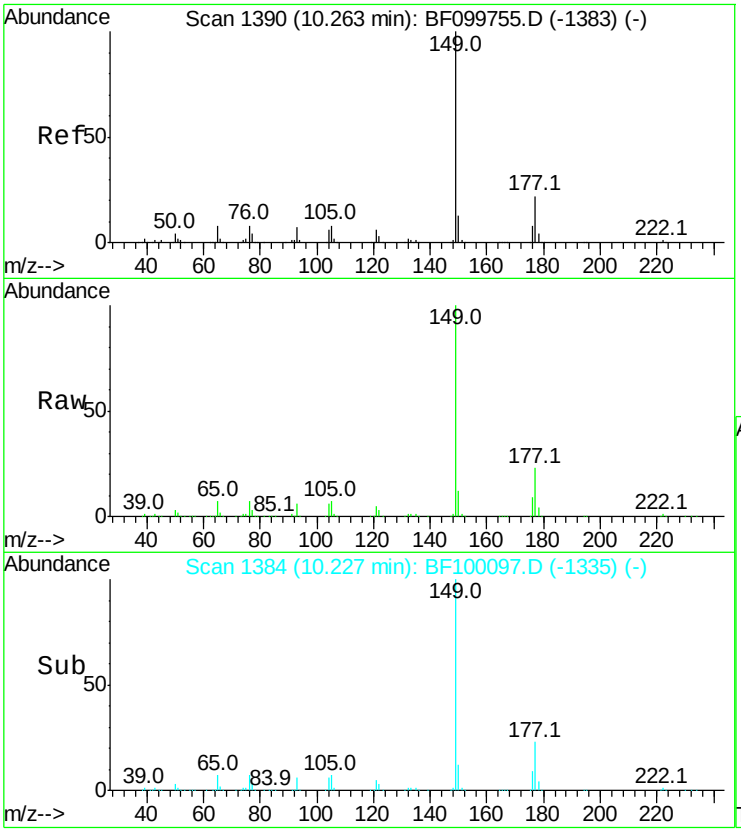




#58
2,3,4,6-Tetrachlorophenol
Concen: 28.486 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:232 Resp: 64074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.1 | 43.8 | 65.8# |
| 130 | 2.1 | 2.1 | 3.1 |
| 166 | 31.5 | 27.8 | 41.6 |



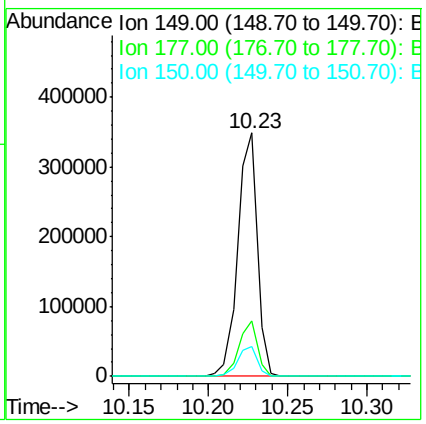


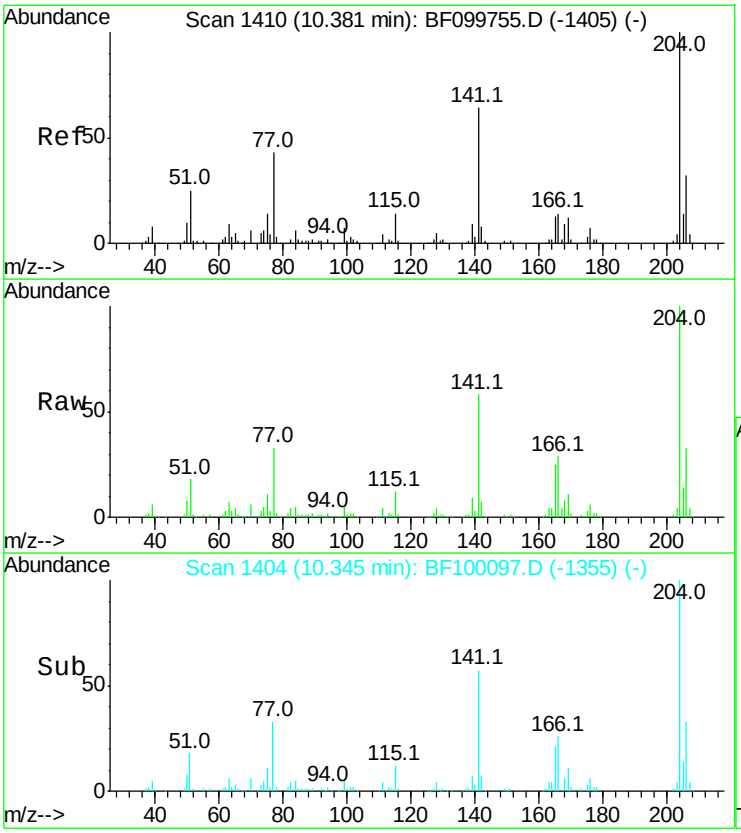

#59
Diethylphthalate
Concen: 24.952 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:149 Resp: 298606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 16.1 | 24.1 |
| 150 | 12.2 | 10.1 | 15.1 |

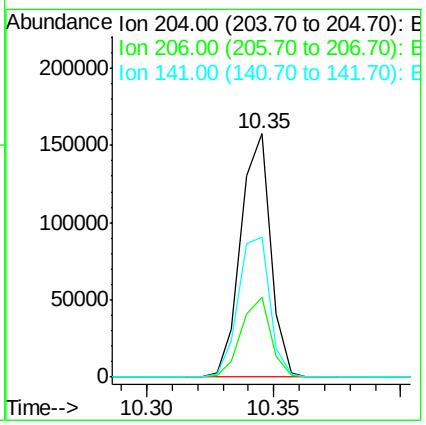


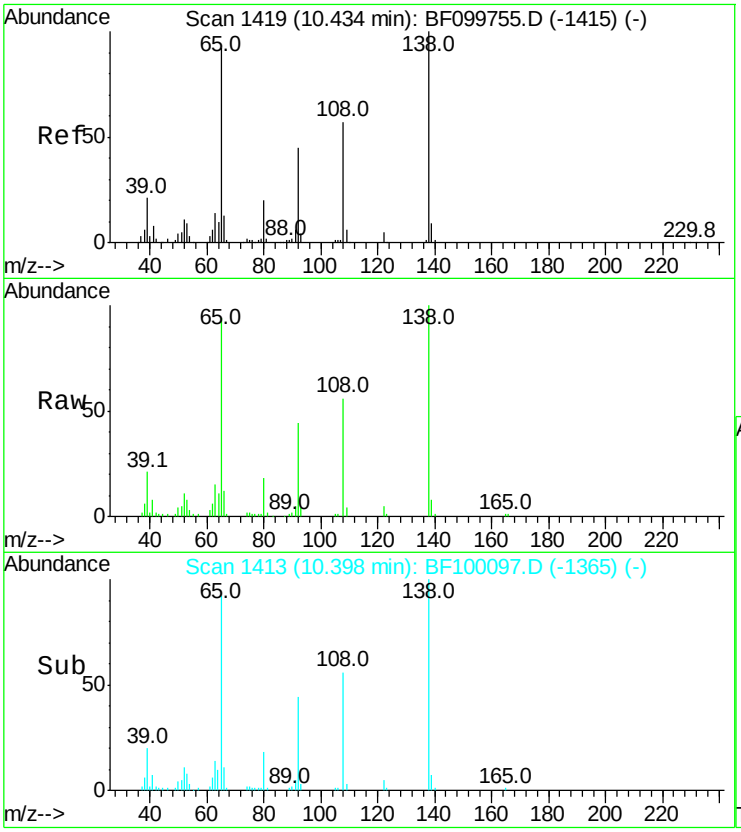




#60
4-Chlorophenyl-phenylether
Concen: 24.540 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:204 Resp: 129144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 26.5 | 39.7 |
| 141 | 57.5 | 54.6 | 81.8 |



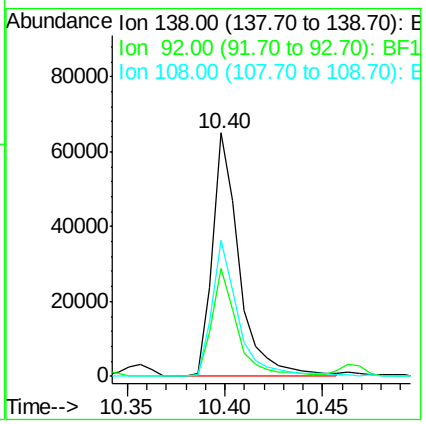


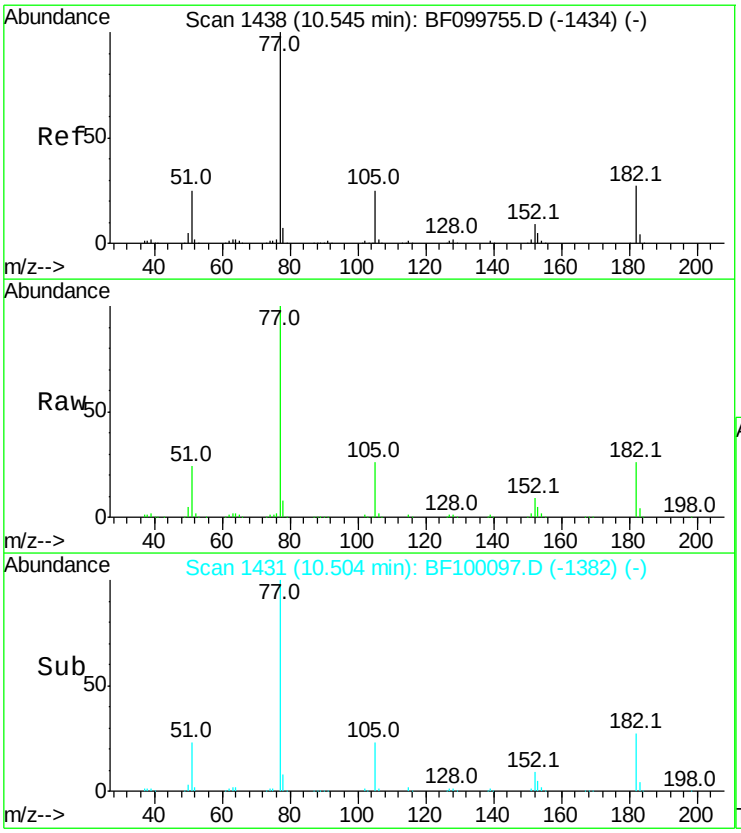

#61
4-Nitroaniline
Concen: 21.544 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:138 Resp: 62394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.1 | 30.2 | 70.2 |
| 108 | 56.1 | 52.5 | 92.5 |

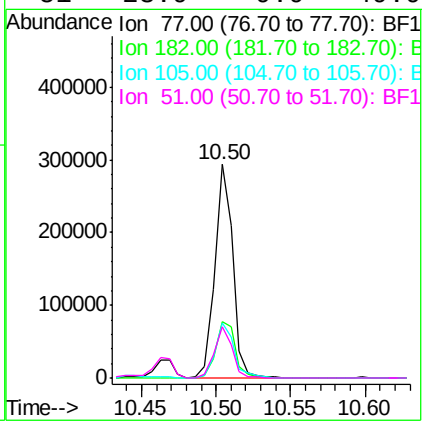


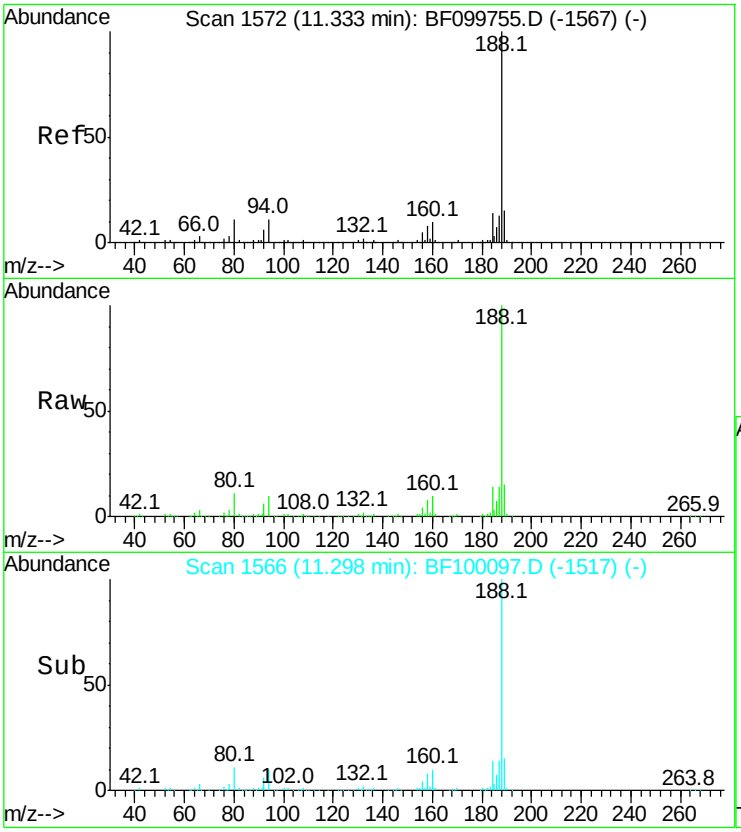




#62
Azobenzene
Concen: 24.439 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion: 77 Resp: 245163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.5 | 1.7 | 41.7 |
| 105 | 25.6 | 3.0 | 43.0 |
| 51 | 23.9 | 9.9 | 49.9 |



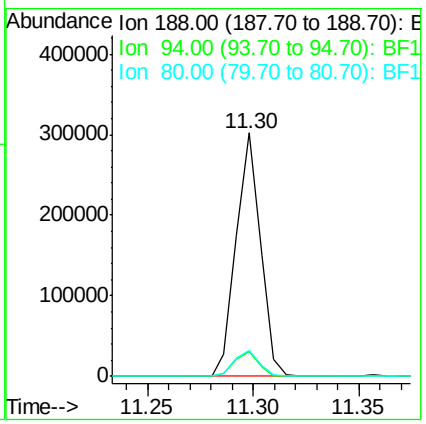


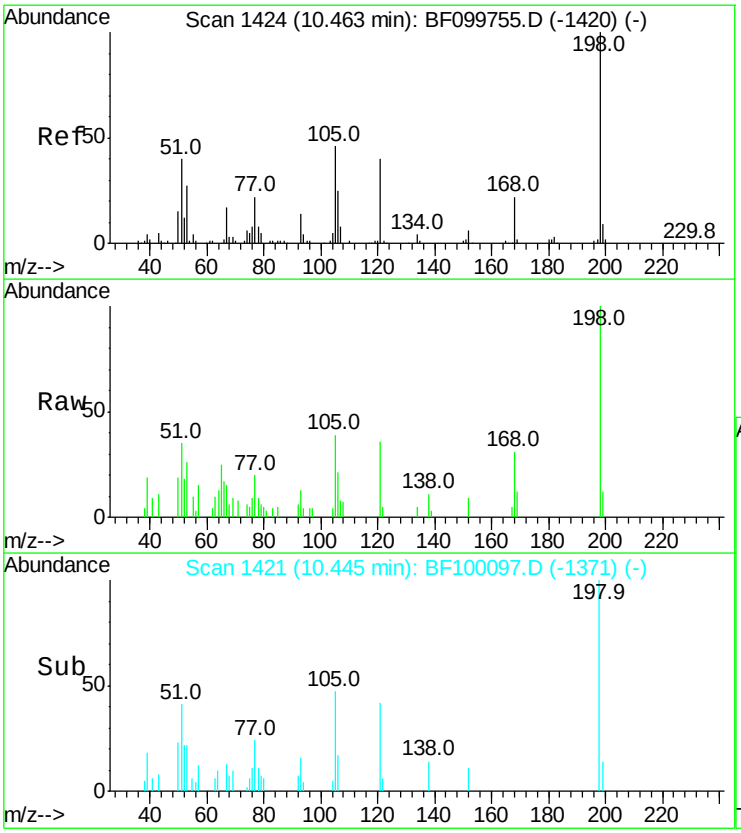

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:188 Resp: 239652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 8.5 | 12.7 |
| 80 | 10.5 | 9.2 | 13.8 |

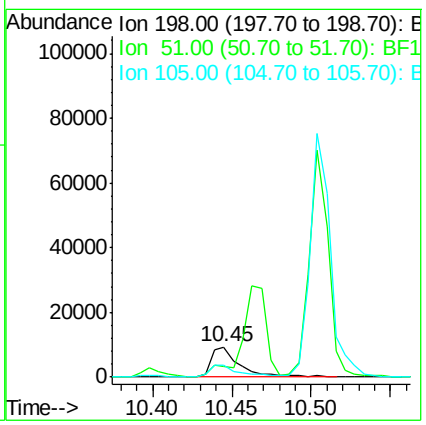


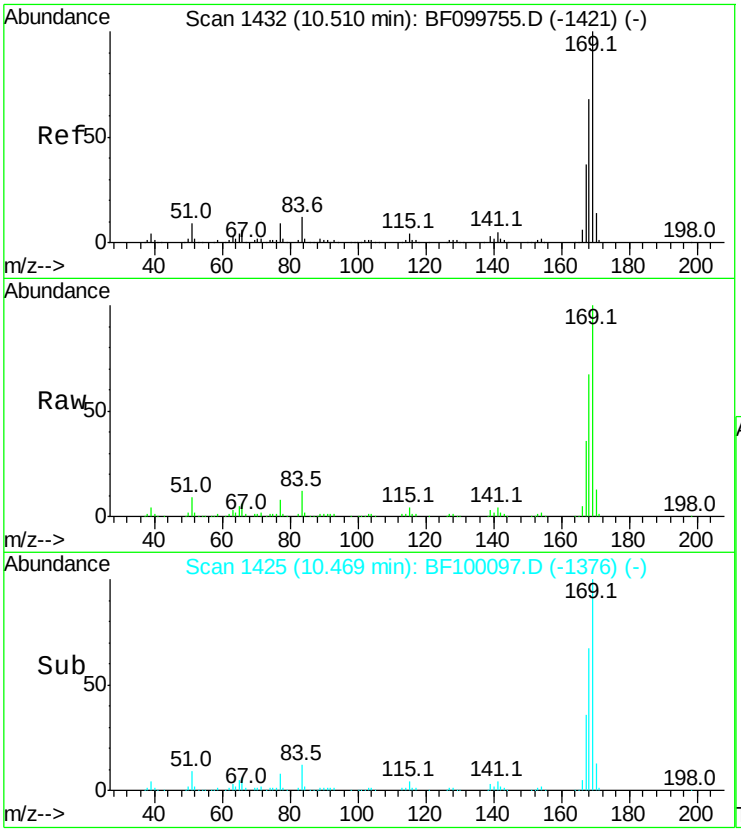




#64
4,6-Dinitro-2-methylphenol
Concen: 7.601 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:198 Resp: 11451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 34.7 | 37.7 | 77.7# |
| 105 | 39.1 | 36.3 | 76.3 |



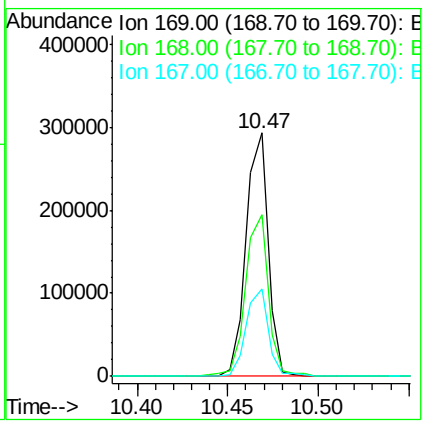


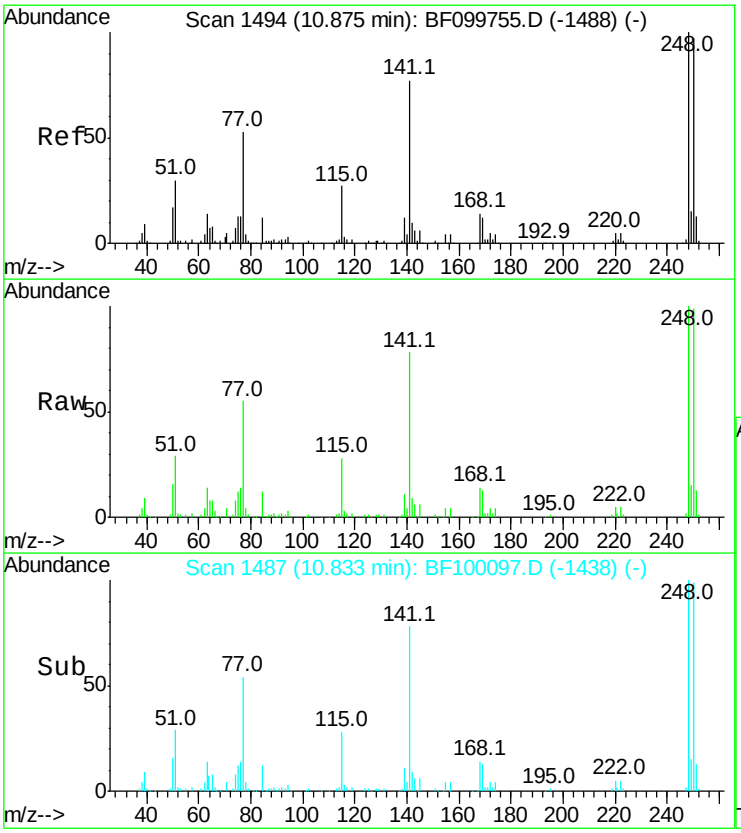

#65
n-Nitrosodiphenylamine
Concen: 28.087 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:169 Resp: 248473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.6 | 54.4 | 81.6 |
| 167 | 36.0 | 29.8 | 44.6 |

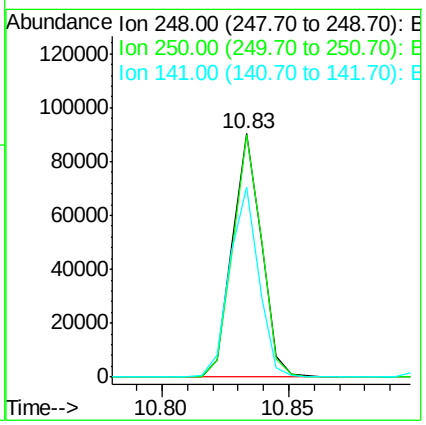


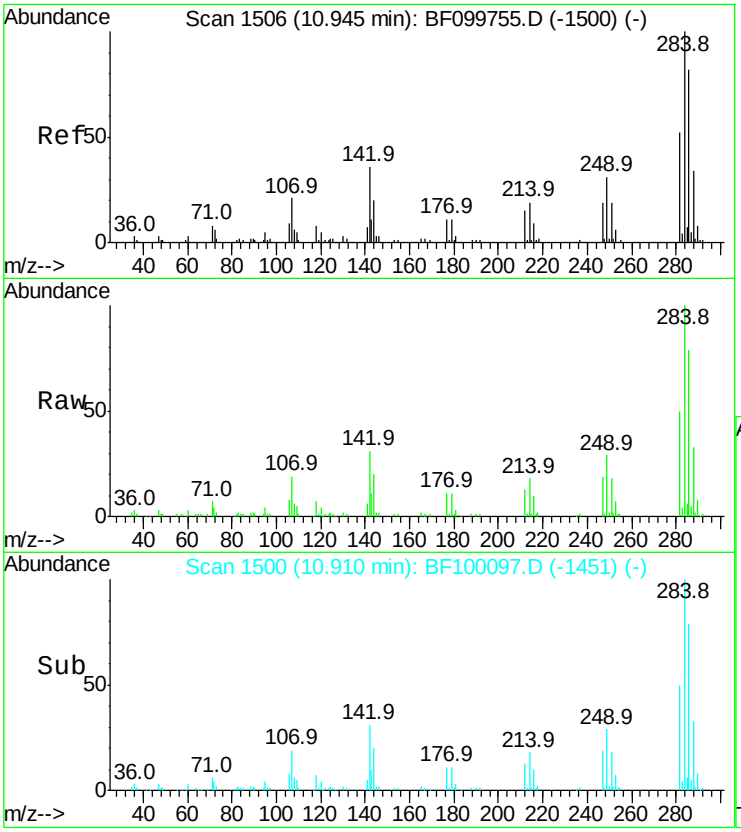




#66
4-Bromophenyl-phenylether
Concen: 28.404 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:248 Resp: 71662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.4 | 76.9 | 115.3 |
| 141 | 77.8 | 74.4 | 111.6 |



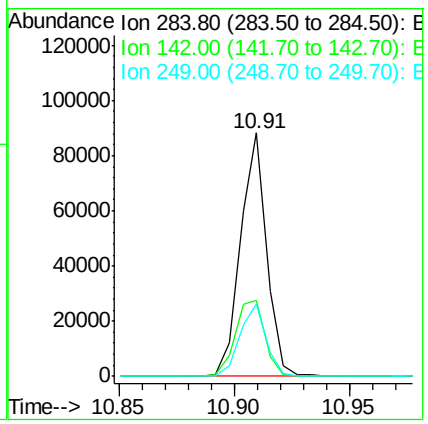


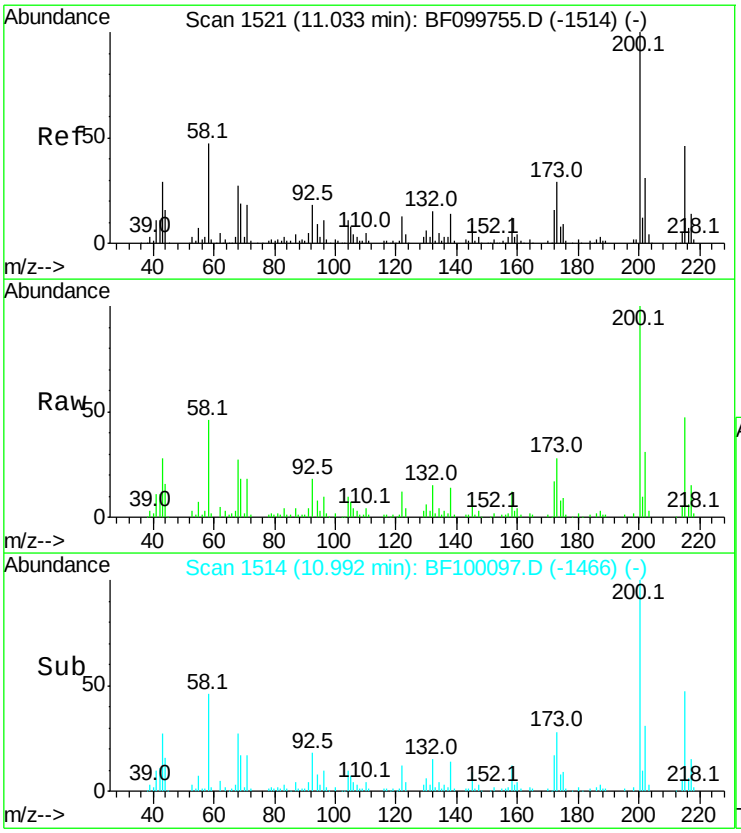

#67
Hexachlorobenzene
Concen: 26.870 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:284 Resp: 69354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.2 | 34.6 | 52.0# |
| 249 | 29.4 | 24.8 | 37.2 |

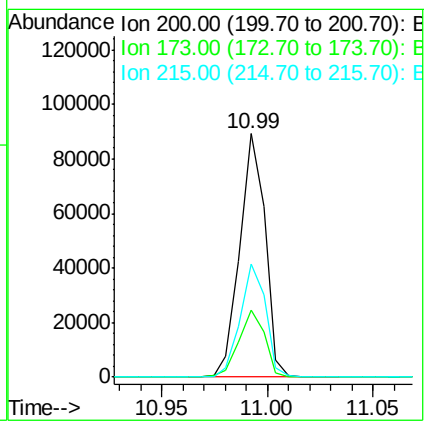


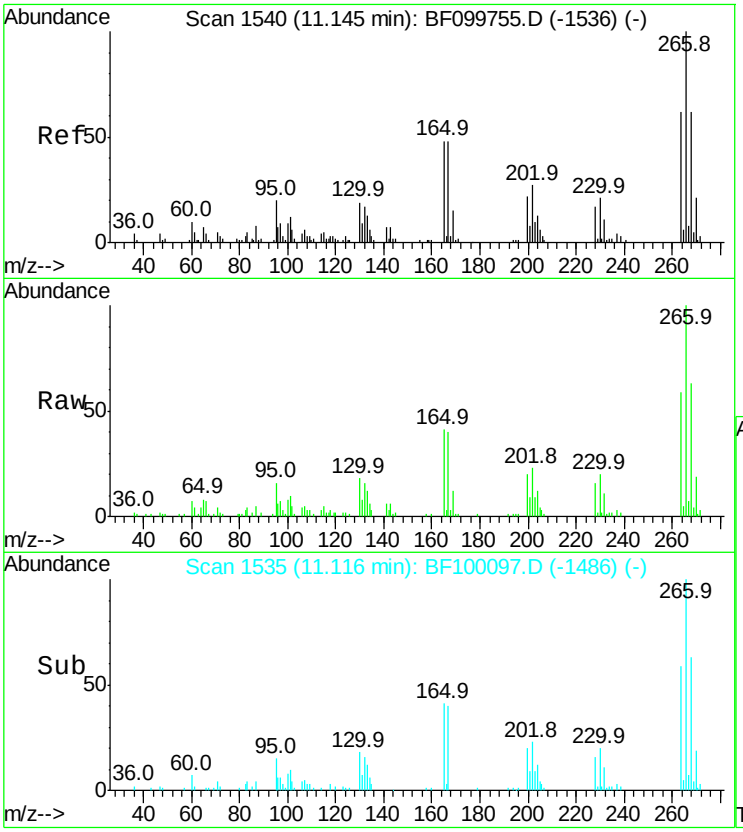




#68
Atrazine
Concen: 27.908 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:200 Resp: 74162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.7 | 8.6 | 48.6 |
| 215 | 46.7 | 25.1 | 65.1 |



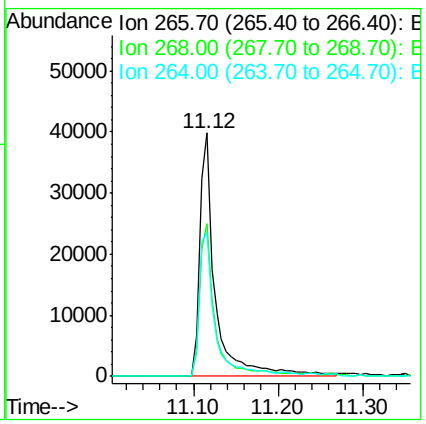


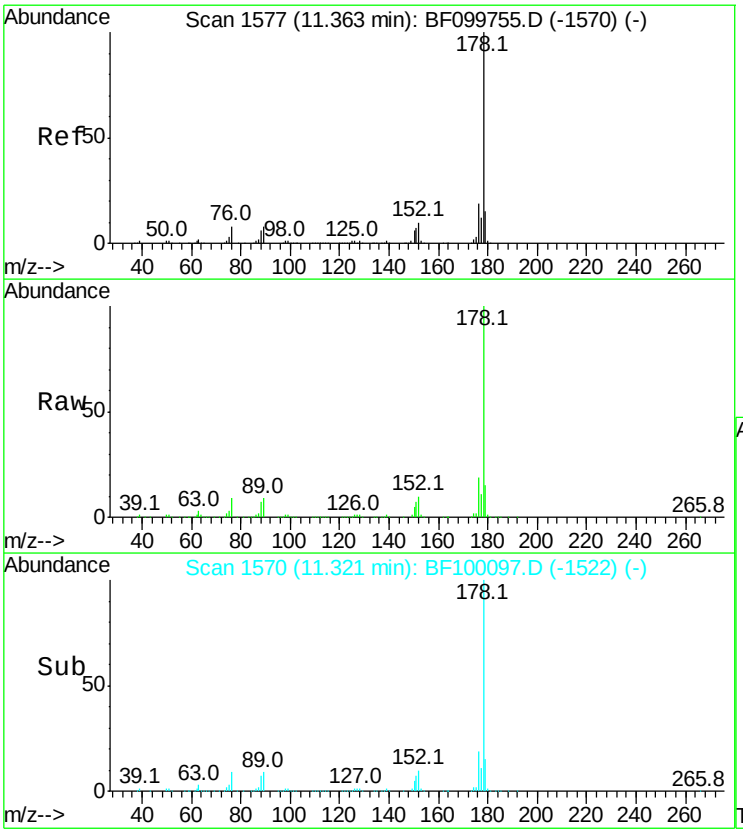

#69
Pentachlorophenol
Concen: 45.701 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:266 Resp: 50404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.8 | 51.1 | 76.7 |
| 264 | 59.3 | 49.5 | 74.3 |

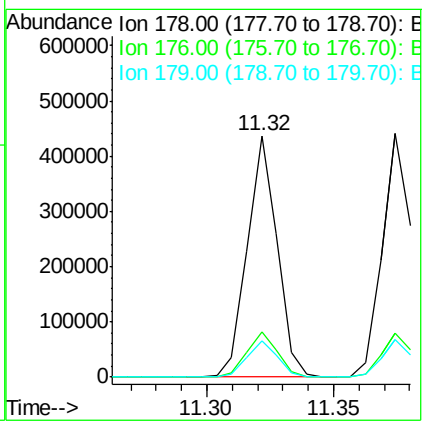


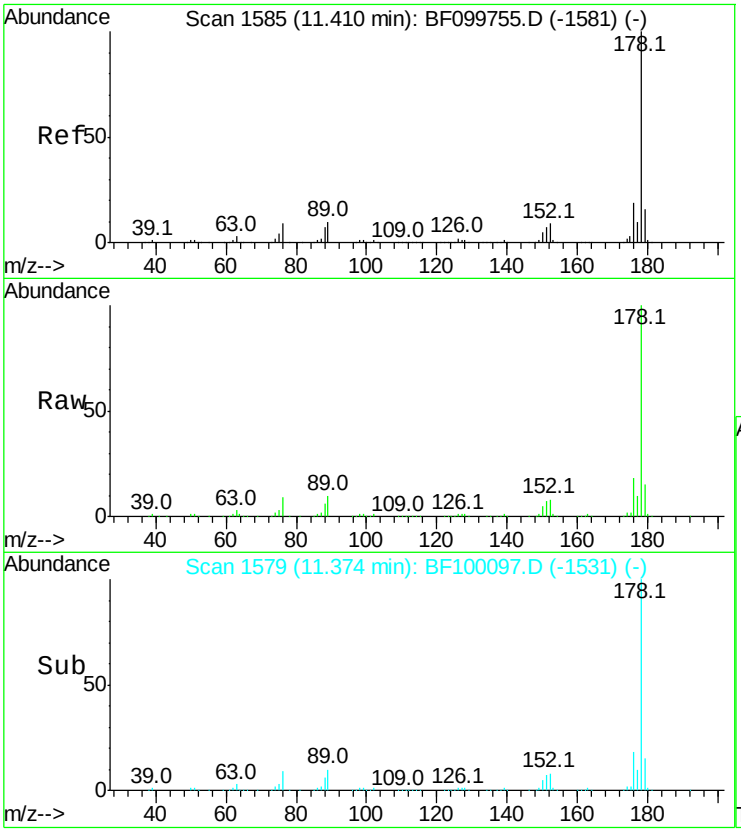




#70
Phenanthrene
Concen: 26.481 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:178 Resp: 358152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.8 | 23.8 |
| 179 | 15.2 | 13.0 | 19.6 |



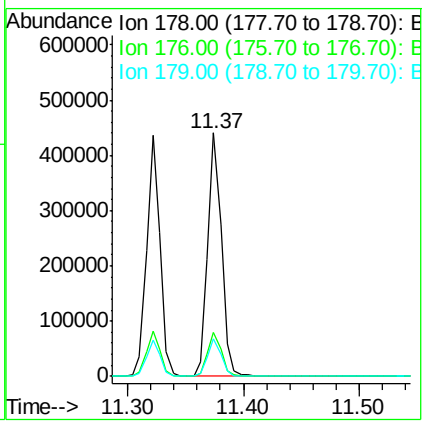


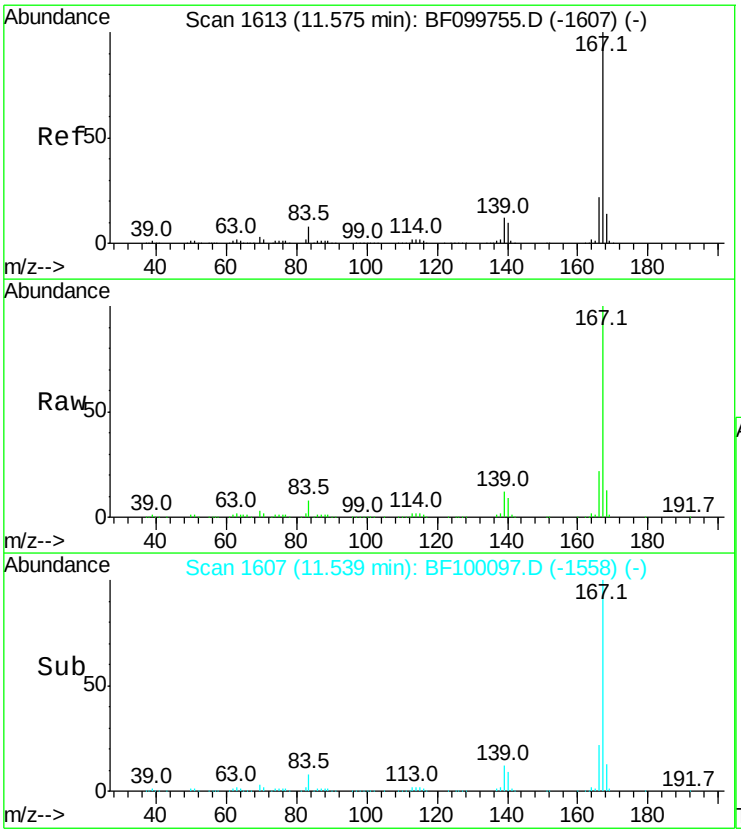

#71
Anthracene
Concen: 26.632 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:178 Resp: 365609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.9 | 15.4 | 23.2 |
| 179 | 15.3 | 12.6 | 19.0 |

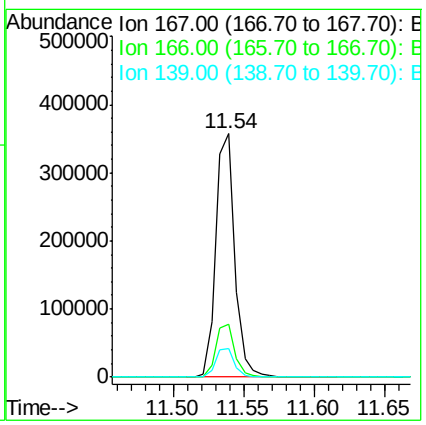


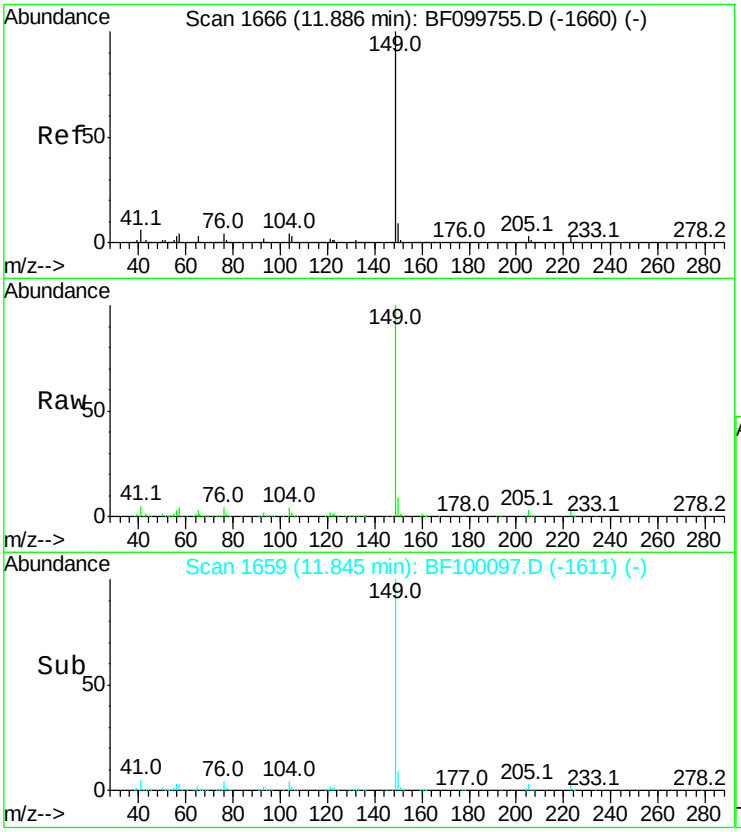




#72
Carbazole
Concen: 25.824 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:167 Resp: 333385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.8 | 17.6 | 26.4 |
| 139 | 11.8 | 10.9 | 16.3 |



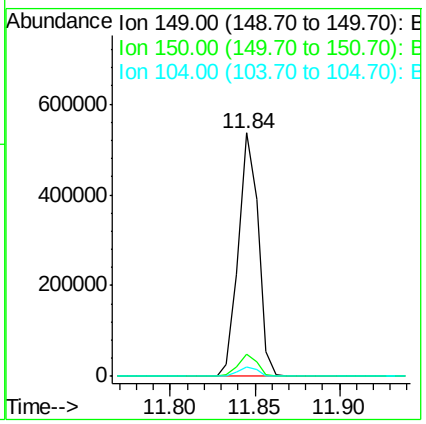


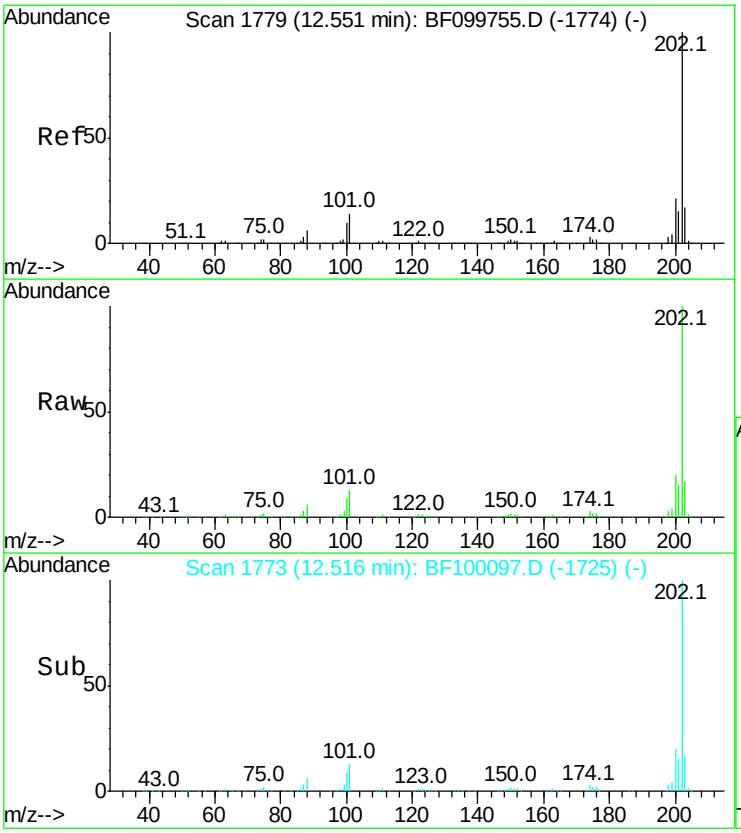

#73
Di-n-butylphthalate
Concen: 26.636 ng
RT: 11.84 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:149 Resp: 438604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.8 | 11.6 |
| 104 | 3.8 | 3.8 | 5.8# |

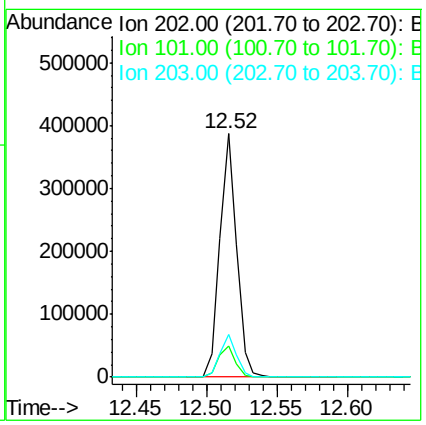


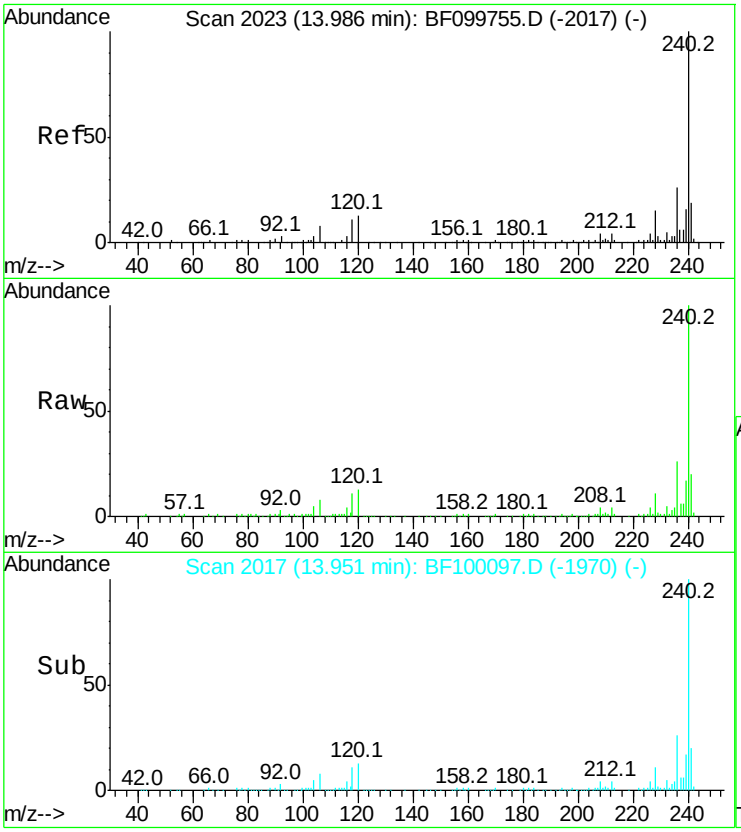




#74
Fluoranthene
Concen: 22.880 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:202 Resp: 321587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.0 | 0.0 | 34.1 |
| 203 | 17.3 | 0.0 | 38.1 |



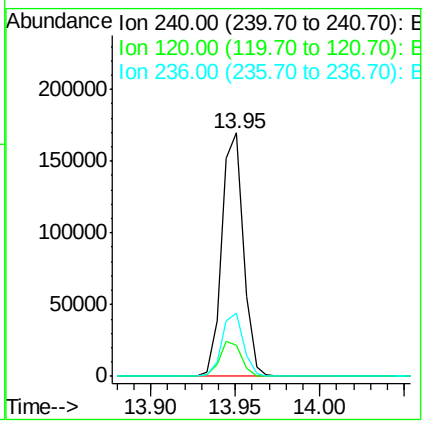


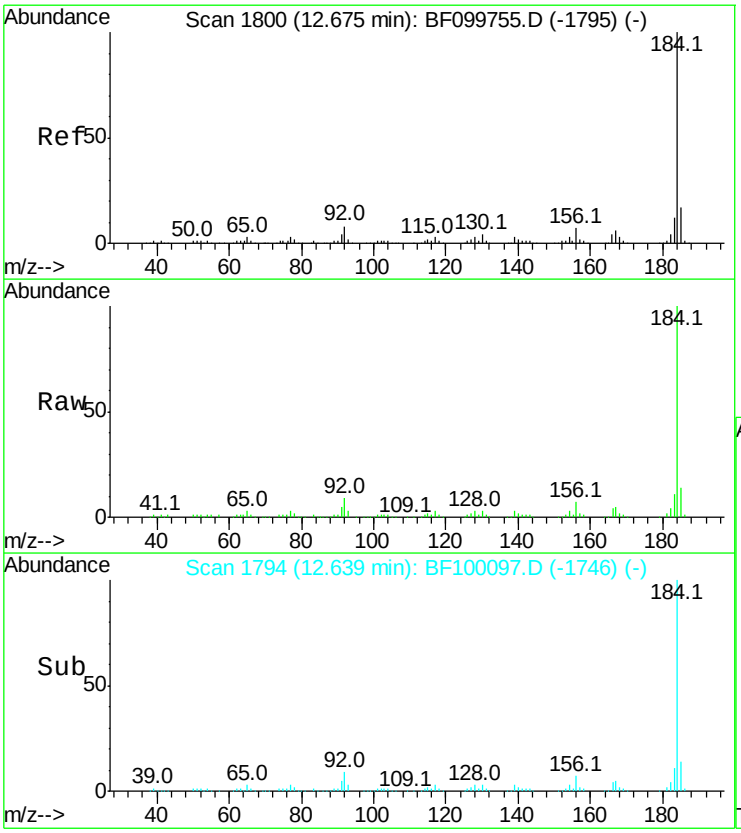

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:240 Resp: 151432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.0 | 9.5 | 14.3 |
| 236 | 25.7 | 20.7 | 31.1 |

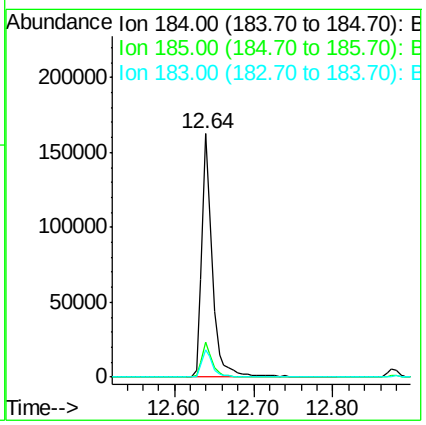


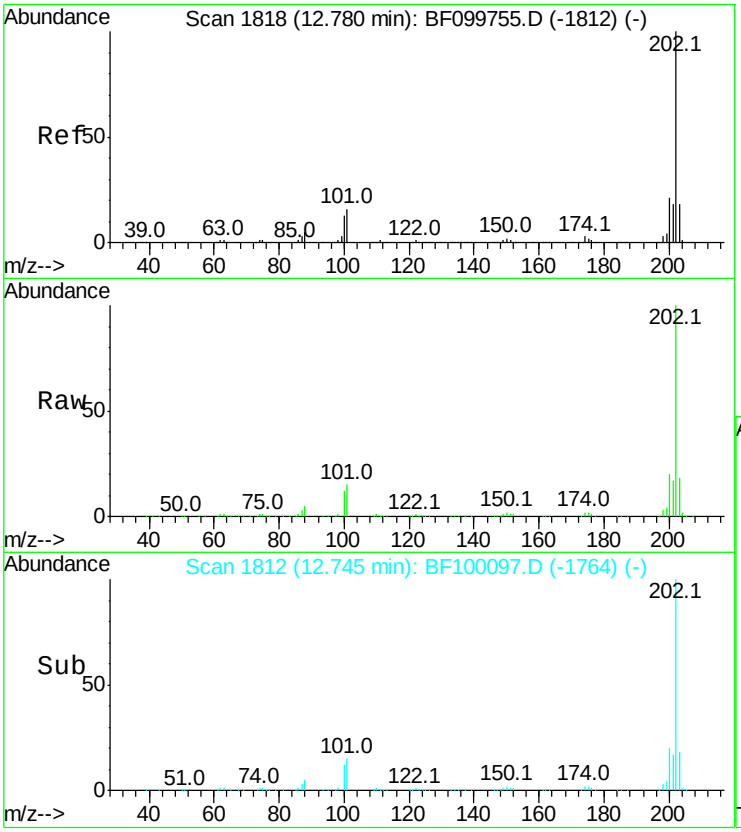




#76
Benzidine
Concen: 23.483 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:184 Resp: 155604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 12.6 | 18.8 |
| 183 | 11.4 | 9.3 | 13.9 |



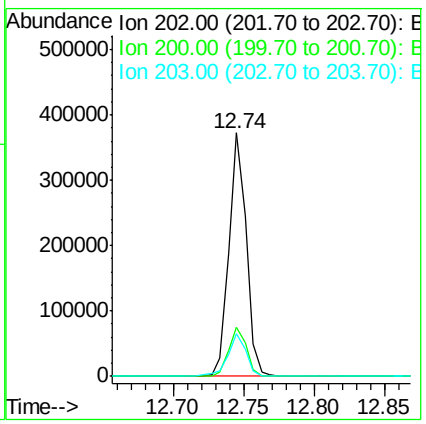


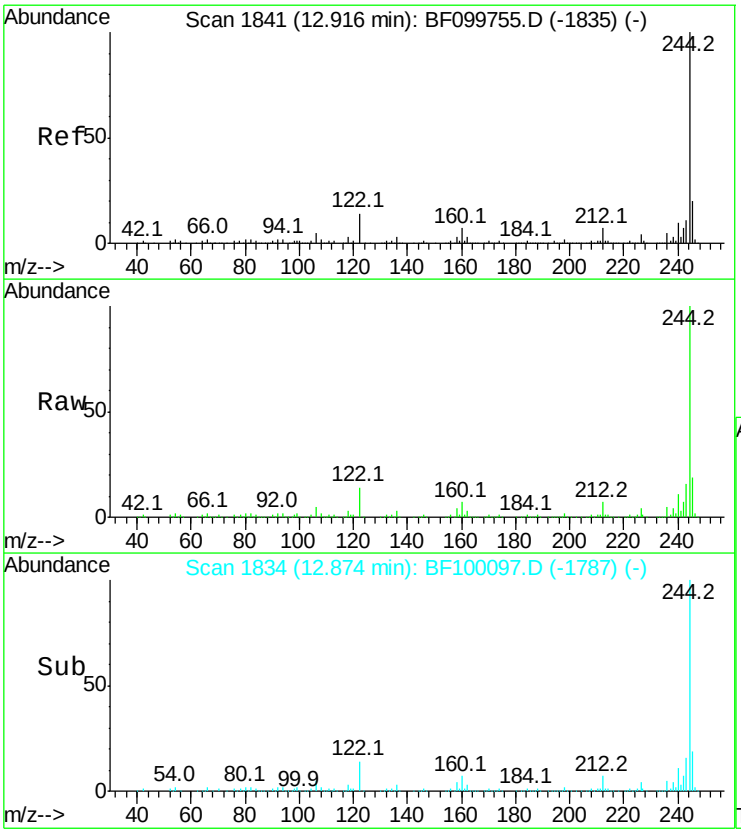

#77
Pyrene
Concen: 27.720 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:202 Resp: 319193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.4 | 17.4 | 26.2 |
| 203 | 17.5 | 14.3 | 21.5 |

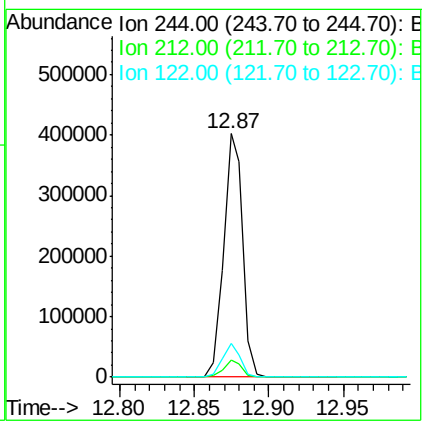


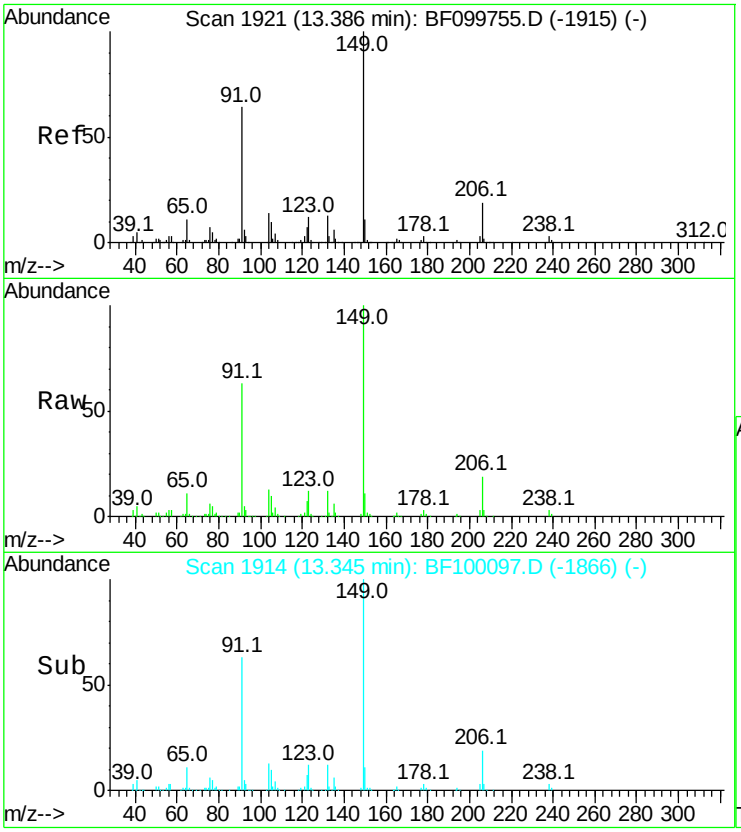




#78
Terphenyl-d14
Concen: 52.374 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:244 Resp: 362919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.4 | 8.0 |
| 122 | 14.1 | 11.0 | 16.4 |



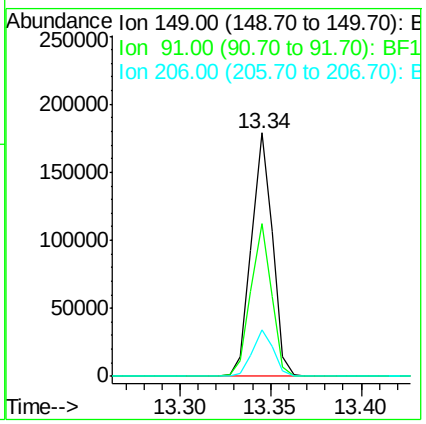


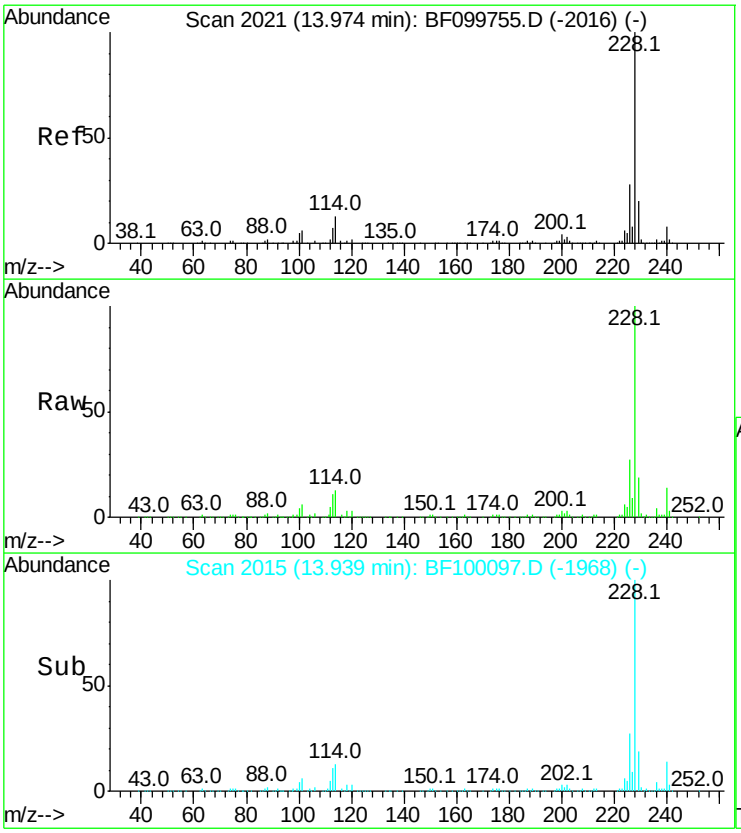

#79
Butylbenzylphthalate
Concen: 25.586 ng
RT: 13.34 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:149 Resp: 145078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 62.7 | 56.8 | 85.2 |
| 206 | 19.2 | 14.1 | 21.1 |

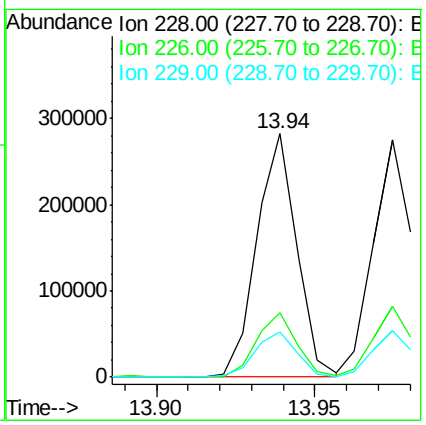


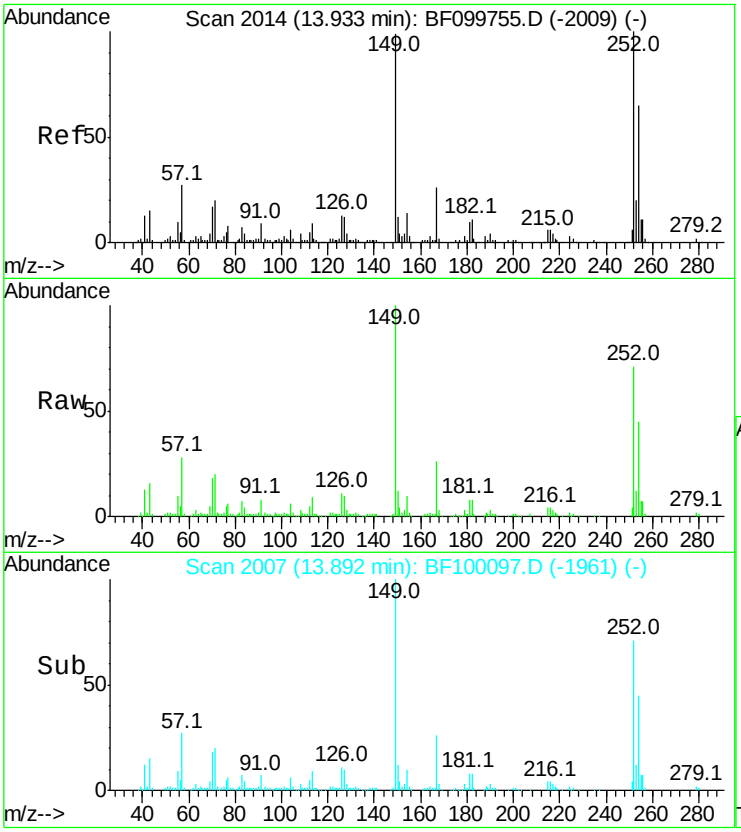




#80
Benzo(a)anthracene
Concen: 25.705 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:228 Resp: 246763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.7 | 22.6 | 33.8 |
| 229 | 18.8 | 15.8 | 23.6 |



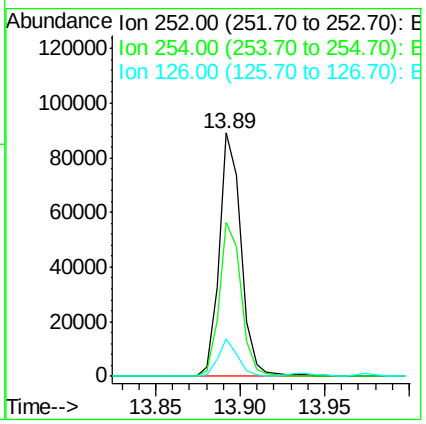


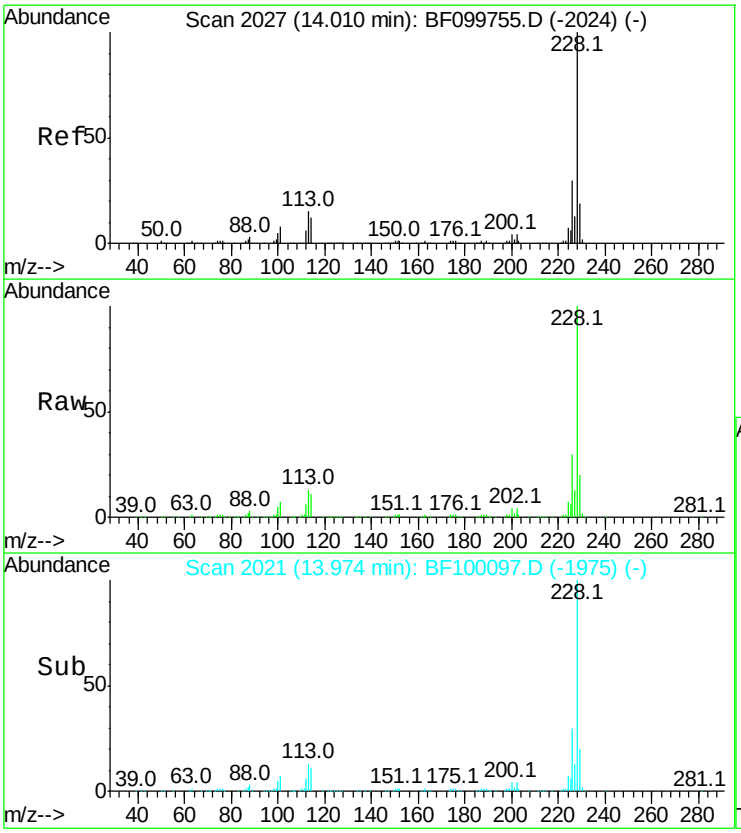

#81
3,3'-Dichlorobenzidine
Concen: 23.052 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.03 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:252 Resp: 80328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.2 | 50.4 | 75.6 |
| 126 | 15.2 | 11.3 | 16.9 |

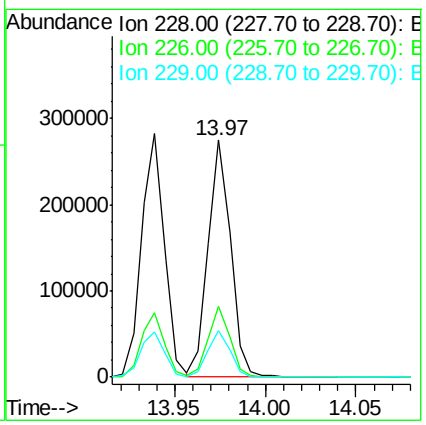


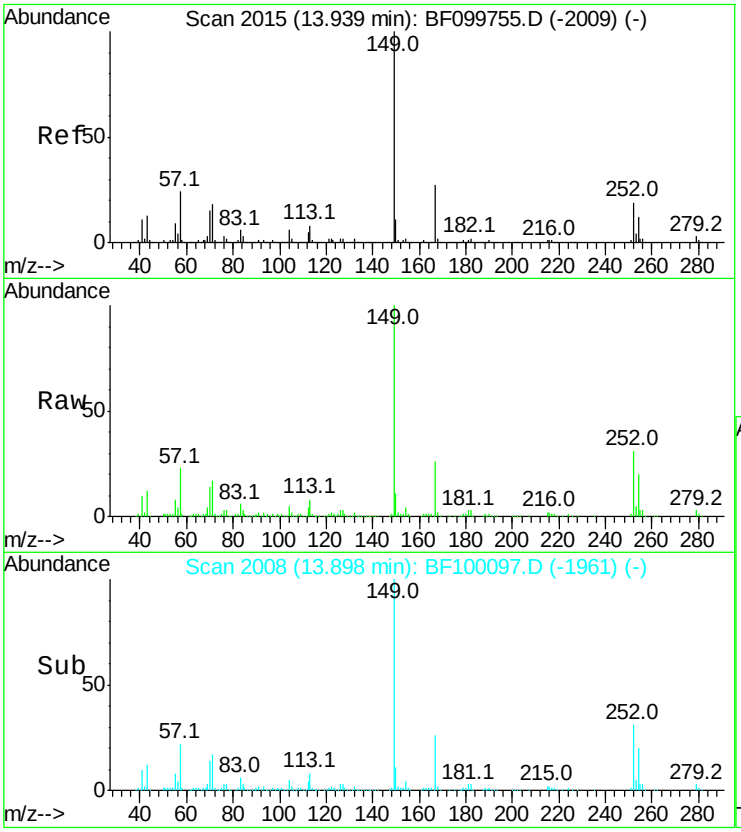




#82
Chrysene
Concen: 26.329 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:228 Resp: 237622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 25.0 | 37.6 |
| 229 | 19.9 | 16.2 | 24.4 |



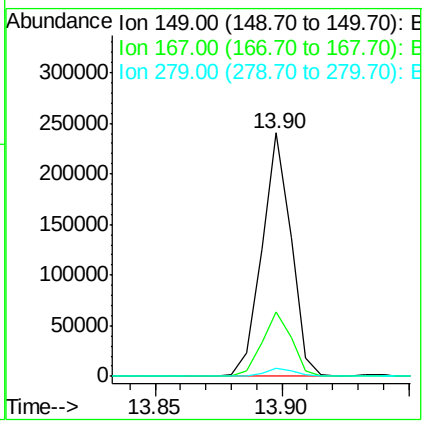


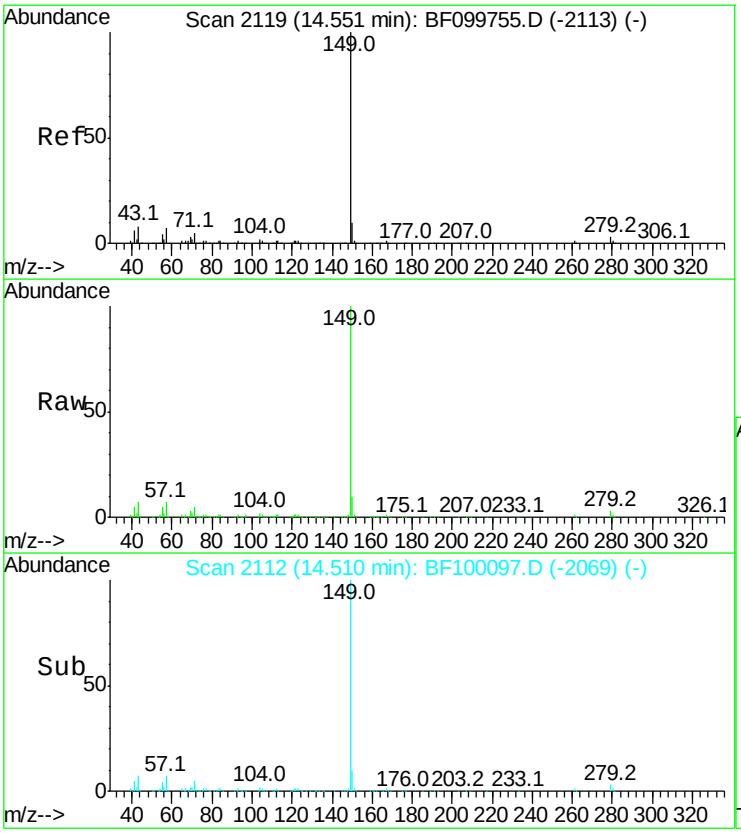

#83
Bis(2-ethylhexyl)phthalate
Concen: 24.318 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:149 Resp: 193639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.5 | 21.3 | 31.9 |
| 279 | 3.1 | 3.0 | 4.4 |

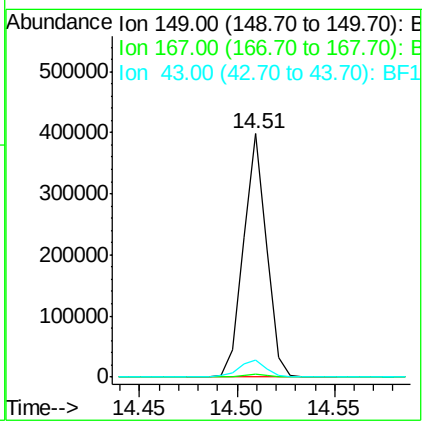


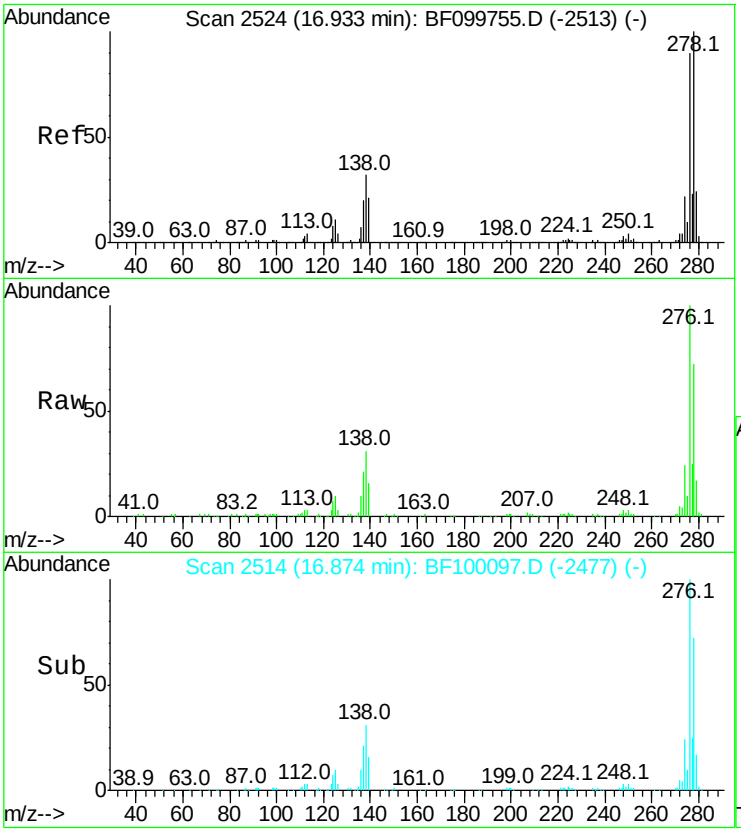




#84
Di-n-octyl phthalate
Concen: 23.641 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.05 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:149 Resp: 323104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 7.3 | 8.4 | 12.6# |



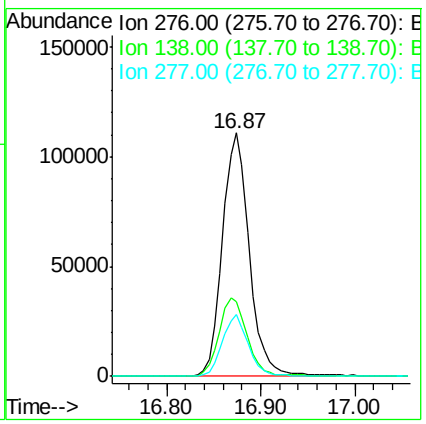


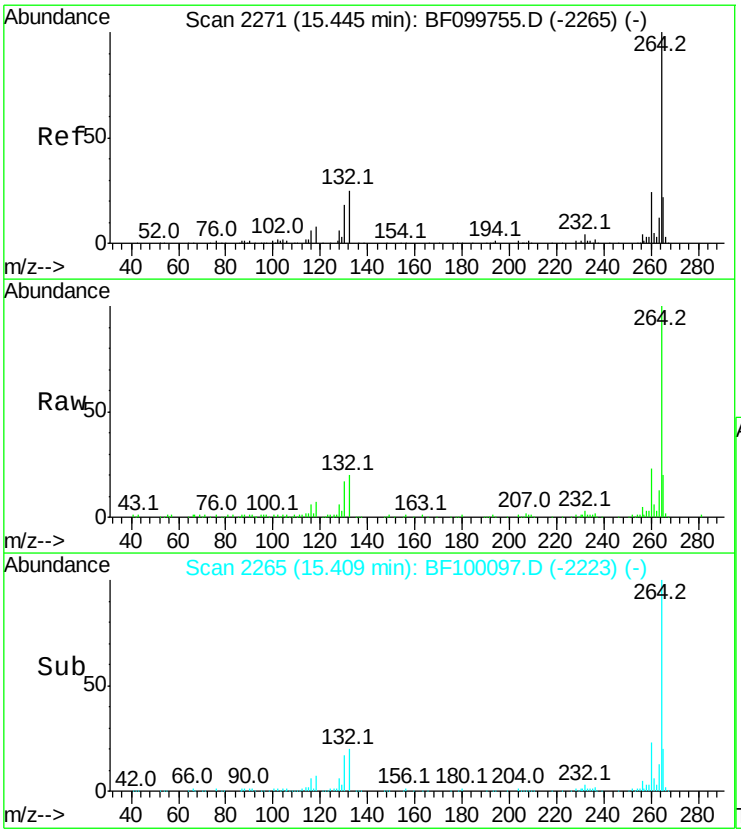

#85
Indeno(1,2,3-cd)pyrene
Concen: 26.557 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.08 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:276 Resp: 220033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 34.0 | 25.0 | 37.6 |
| 277 | 24.7 | 20.1 | 30.1 |

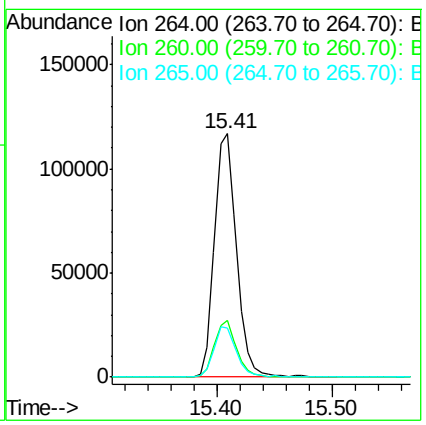


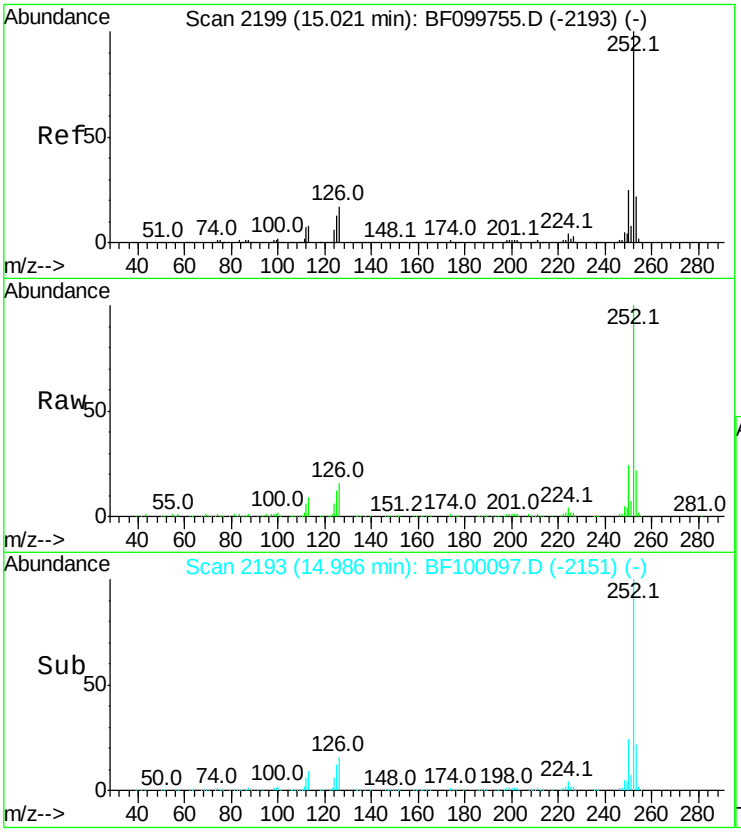




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:264 Resp: 155013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 19.2 | 28.8 |
| 265 | 20.4 | 17.5 | 26.3 |



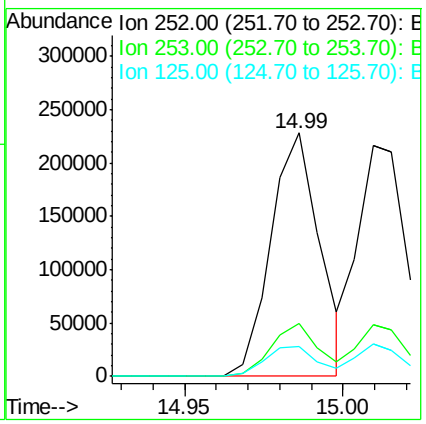


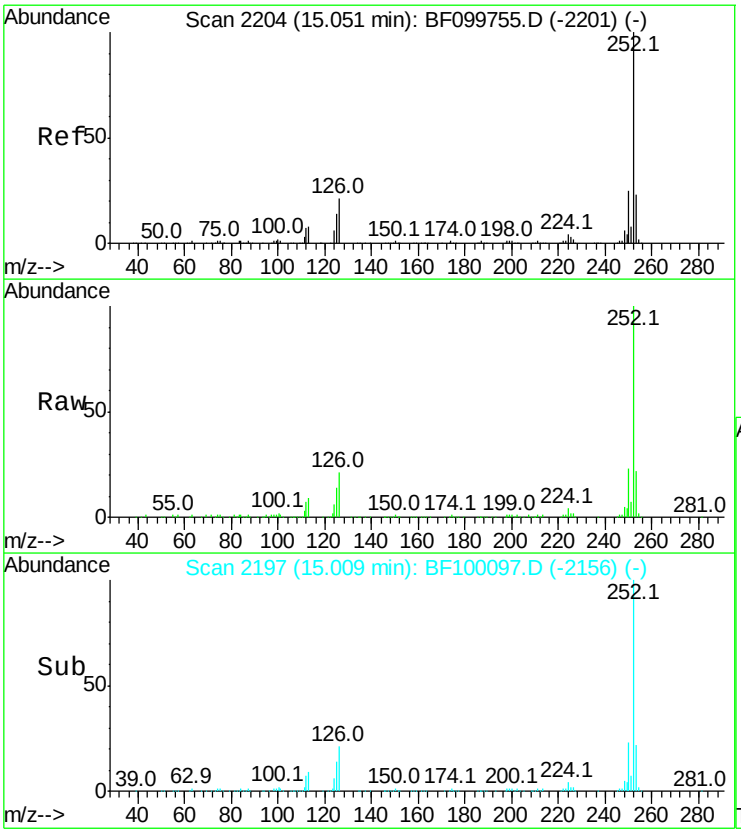

#87
Benzo(b)fluoranthene
Concen: 25.133 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.05 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:252 Resp: 246013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.0 | 25.6 |
| 125 | 12.3 | 9.0 | 13.6 |

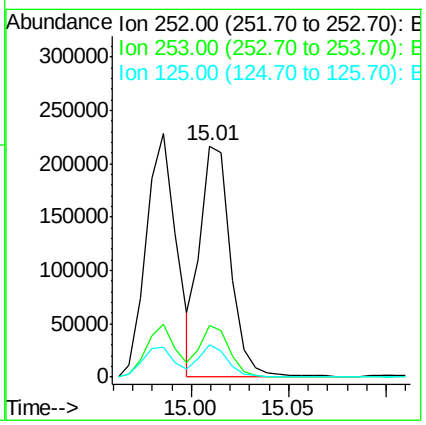


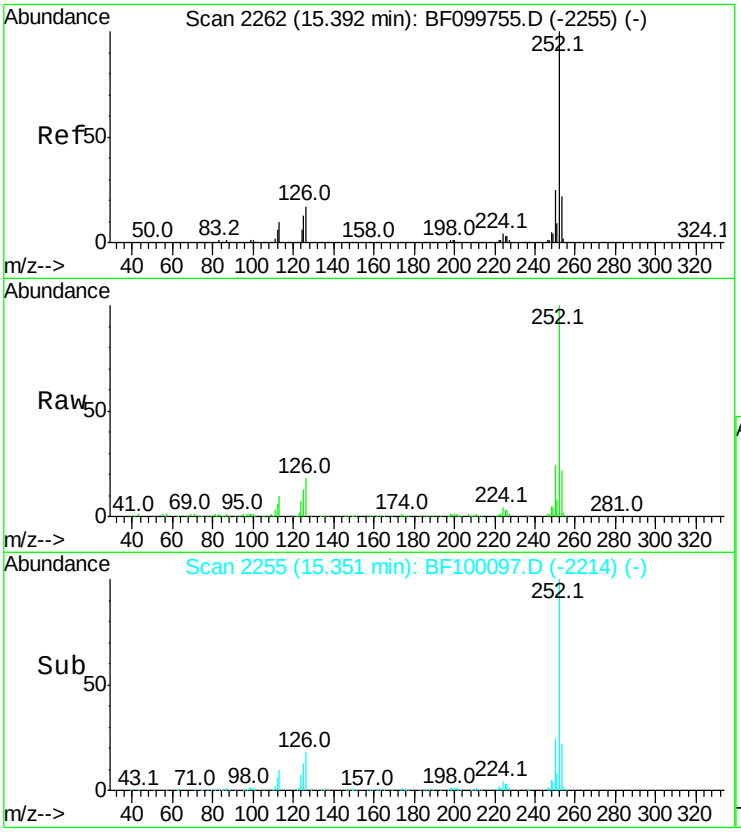




#88
Benzo(k)fluoranthene
Concen: 25.497 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.06 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:252 Resp: 235339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.9 | 26.9 |
| 125 | 13.9 | 10.2 | 15.2 |



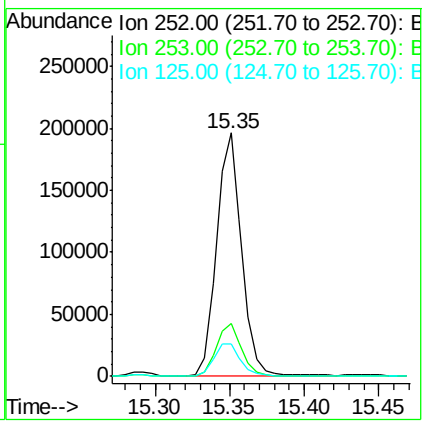


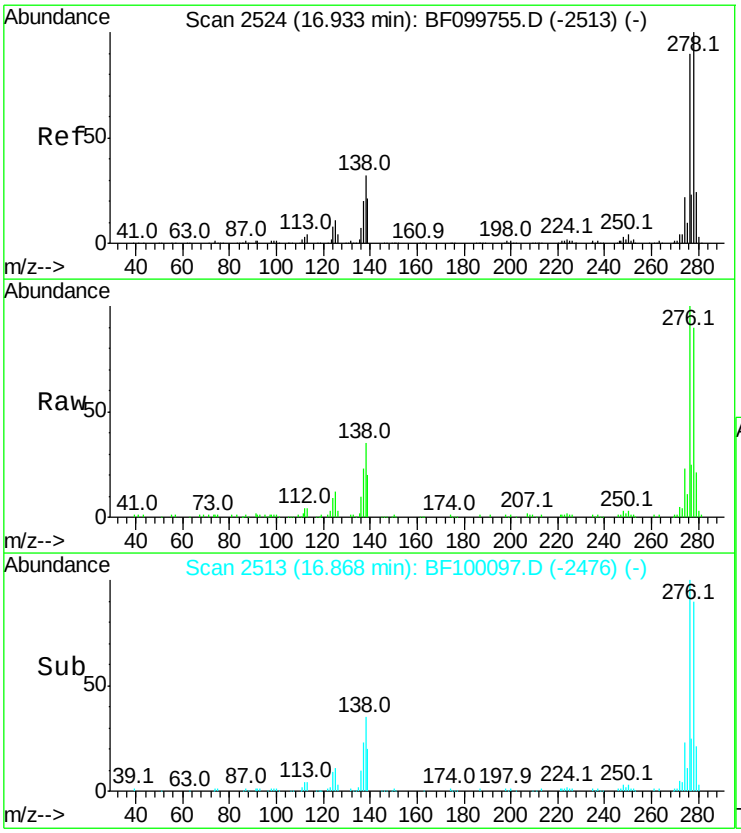

#89
Benzo(a)pyrene
Concen: 26.403 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.06 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:252 Resp: 232150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.1 | 25.7 |
| 125 | 13.2 | 9.8 | 14.6 |

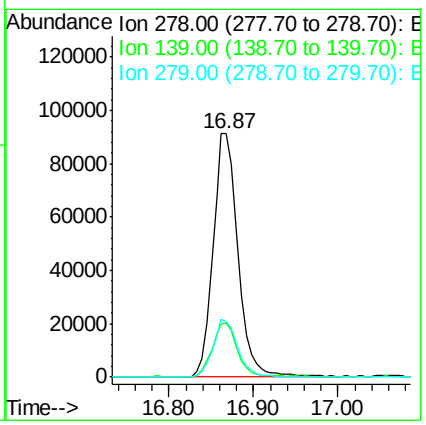


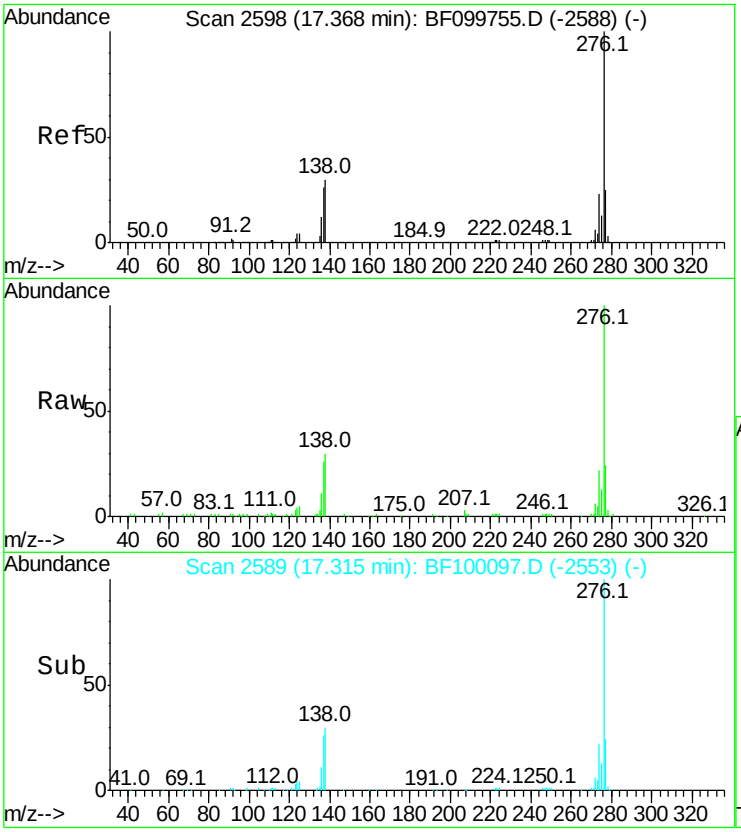




#90
Dibenzo(a,h)anthracene
Concen: 24.140 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.08 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

Tgt Ion:278 Resp: 188603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 22.3 | 15.9 | 23.9 |
| 279 | 22.8 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 22.694 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.09 min
Lab File: BF100097.D
Acq: 2 Nov 2017 20:50

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

Tgt Ion:276 Resp: 173468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 17.9 | 26.9 |
| 138 | 29.6 | 21.8 | 32.8 |