Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\

Quantitation Report (Not Reviewed)

Data File : BF100510.D
Acq On : 13 Nov 2017 18:40
Operator : SJ/JU
Sample : I6301-07MS 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-110917-DMSD

Quant Time: Nov 14 00:49:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 87109 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.17 | 136 | 324225 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.93 | 164 | 134738 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.42 | 188 | 205418 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.06 | 240 | 183107 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.53 | 264 | 143028 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 235222 | 43.29 | ng | | 0.00 |
| 7) Phenol-d6 | 6.52 | 99 | 279800 | 41.75 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 169518 | 34.57 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.72 | 330 | 61776 | 44.99 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.25 | 172 | 319598 | 36.12 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.00 | 244 | 224909 | 28.22 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.70 | 88 | 26852 | 10.14 | ng | # | 95 |
| 3) Pyridine | 3.49 | 79 | 75161 | 10.40 | ng | | 90 |
| 4) n-Nitrosodimethylamine | 3.42 | 42 | 40654 | 11.59 | ng | # | 89 |
| 6) Aniline | 6.55 | 93 | 60445 | 6.38 | ng | | 98 |
| 8) 2-Chlorophenol | 6.67 | 128 | 88203 | 15.34 | ng | | 95 |
| 9) Benzaldehyde | 6.44 | 77 | 39800 | 8.32 | ng | | 95 |
| 10) Phenol | 6.53 | 94 | 112483 | 15.99 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.62 | 93 | 80216 | 13.58 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.83 | 146 | 99278 | 14.98 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.91 | 146 | 100914 | 15.04 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.06 | 146 | 95402 | 15.38 | ng | | 97 |
| 15) Benzyl Alcohol | 7.03 | 79 | 71445 | 13.66 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45 | 129864 | 13.74 | ng | | 98 |
| 17) 2-Methylphenol | 7.13 | 107 | 71189 | 14.49 | ng | | 98 |
| 18) Hexachloroethane | 7.40 | 117 | 20886 | 9.44 | ng | | 91 |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70 | 59425 | 12.79 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.29 | 107 | 91075 | 14.65 | ng | | 93 |
| 22) Acetophenone | 7.30 | 105 | 120671 | 15.26 | ng | # | 99 |
| 24) Nitrobenzene | 7.47 | 77 | 85225 | 16.88 | ng | | 99 |
| 25) Isophorone | 7.71 | 82 | 153680 | 14.91 | ng | | 96 |
| 26) 2-Nitrophenol | 7.79 | 139 | 36834 | 19.20 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.82 | 122 | 78321 | 16.95 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93 | 98433 | 14.60 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.03 | 162 | 73891 | 16.75 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.12 | 180 | 79846 | 16.74 | ng | | 96 |
| 31) Naphthalene | 8.20 | 128 | 261542 | 16.75 | ng | | 99 |
| 32) Benzoic acid | 7.82 | 122 | 78321 | 27.19 | ng | # | 15 |
| 33) 4-Chloroaniline | 8.24 | 127 | 56427 | 8.68 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.31 | 225 | 48240 | 17.01 | ng | | 97 |
| 35) Caprolactam | 8.59 | 113 | 20017 | 13.23 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.72 | 107 | 72078 | 15.22 | ng | | 98 |
| 37) 2-Methylnaphthalene | 8.89 | 142 | 169372 | 16.34 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216 | 76377 | 17.09 | ng | # | 95 |
| 42) 2,4,6-Trichlorophenol | 9.16 | 196 | 51395 | 18.15 | ng | | 99 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\

Quantitation Report (Not Reviewed)

Data File : BF100510.D
Acq On : 13 Nov 2017 18:40
Operator : SJ/JU
Sample : I6301-07MS 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JC-02-110917-DMSD

Quant Time: Nov 14 00:49:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 9.20 | 196 | 50049 | 17.06 | ng | | 93 |
| 45) 1,1'-Biphenyl | 9.35 | 154 | 195057 | 16.74 | ng | | 96 |
| 46) 2-Chloronaphthalene | 9.37 | 162 | 146618 | 17.34 | ng | | 95 |
| 47) 2-Nitroaniline | 9.47 | 65 | 42335 | 18.75 | ng | | 88 |
| 48) Acenaphthylene | 9.79 | 152 | 223767 | 15.97 | ng | | 98 |
| 49) Dimethylphthalate | 9.65 | 163 | 227688 | 22.13 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.70 | 165 | 31389 | 15.41 | ng | | 96 |
| 51) Acenaphthene | 9.96 | 154 | 131281 | 15.41 | ng | | 98 |
| 52) 3-Nitroaniline | 9.87 | 138 | 36714 | 15.27 | ng | | 95 |
| 53) 2,4-Dinitrophenol | 9.98 | 184 | 455 | 8.52 | ng | # | 34 |
| 54) Dibenzofuran | 10.13 | 168 | 196911 | 16.49 | ng | | 98 |
| 55) 4-Nitrophenol | 10.03 | 139 | 45652 | 23.38 | ng | | 90 |
| 56) 2,4-Dinitrotoluene | 10.11 | 165 | 38167 | 14.86 | ng | # | 84 |
| 57) Fluorene | 10.47 | 166 | 149326 | 17.07 | ng | | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.25 | 232 | 35947 | 14.95 | ng | # | 86 |
| 59) Diethylphthalate | 10.34 | 149 | 168454 | 16.36 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.47 | 204 | 73135 | 17.04 | ng | # | 87 |
| 61) 4-Nitroaniline | 10.48 | 138 | 35098 | 15.39 | ng | | 94 |
| 62) Azobenzene | 10.63 | 77 | 157637 | 16.26 | ng | | 90 |
| 64) 4,6-Dinitro-2-methylphenol | 10.52 | 198 | 724 | 9.14 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 10.58 | 169 | 131960 | 18.48 | ng | | 95 |
| 66) 4-Bromophenyl-phenylether | 10.96 | 248 | 41410 | 18.81 | ng | # | 87 |
| 67) Hexachlorobenzene | 11.02 | 284 | 39232 | 17.03 | ng | | 92 |
| 68) Atrazine | 11.10 | 200 | 37801 | 17.48 | ng | | 98 |
| 69) Pentachlorophenol | 11.22 | 266 | 39210 | 23.74 | ng | | 98 |
| 70) Phenanthrene | 11.44 | 178 | 245295 | 22.68 | ng | | 98 |
| 71) Anthracene | 11.49 | 178 | 203110 | 18.51 | ng | | 100 |
| 72) Carbazole | 11.65 | 167 | 160683 | 15.87 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.97 | 149 | 207332 | 17.50 | ng | | 99 |
| 74) Fluoranthene | 12.63 | 202 | 295938 | 25.82 | ng | | 95 |
| 76) Benzidine | 12.74 | 184 | 92767 | 12.65 | ng | | 96 |
| 77) Pyrene | 12.86 | 202 | 298002 | 22.83 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.47 | 149 | 77284 | 14.52 | ng | | 91 |
| 80) Benzo(a)anthracene | 14.04 | 228 | 235194 | 21.33 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 14.00 | 252 | 57745 | 14.62 | ng | # | 98 |
| 82) Chrysene | 14.08 | 228 | 220238 | 20.63 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.03 | 149 | 118290 | 16.90 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.64 | 149 | 195826 | 16.28 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 17.02 | 276 | 132543 | 15.35 | ng | # | 90 |
| 87) Benzo(b)fluoranthene | 15.10 | 252 | 196612 | 23.20 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 15.13 | 252 | 143979 | 17.98 | ng | # | 95 |
| 89) Benzo(a)pyrene | 15.47 | 252 | 153315 | 20.41 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 17.04 | 278 | 94658 | 15.41 | ng | # | 93 |
| 91) Benzo(g,h,i)perylene | 17.47 | 276 | 111810 | 18.59 | ng | # | 91 |

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

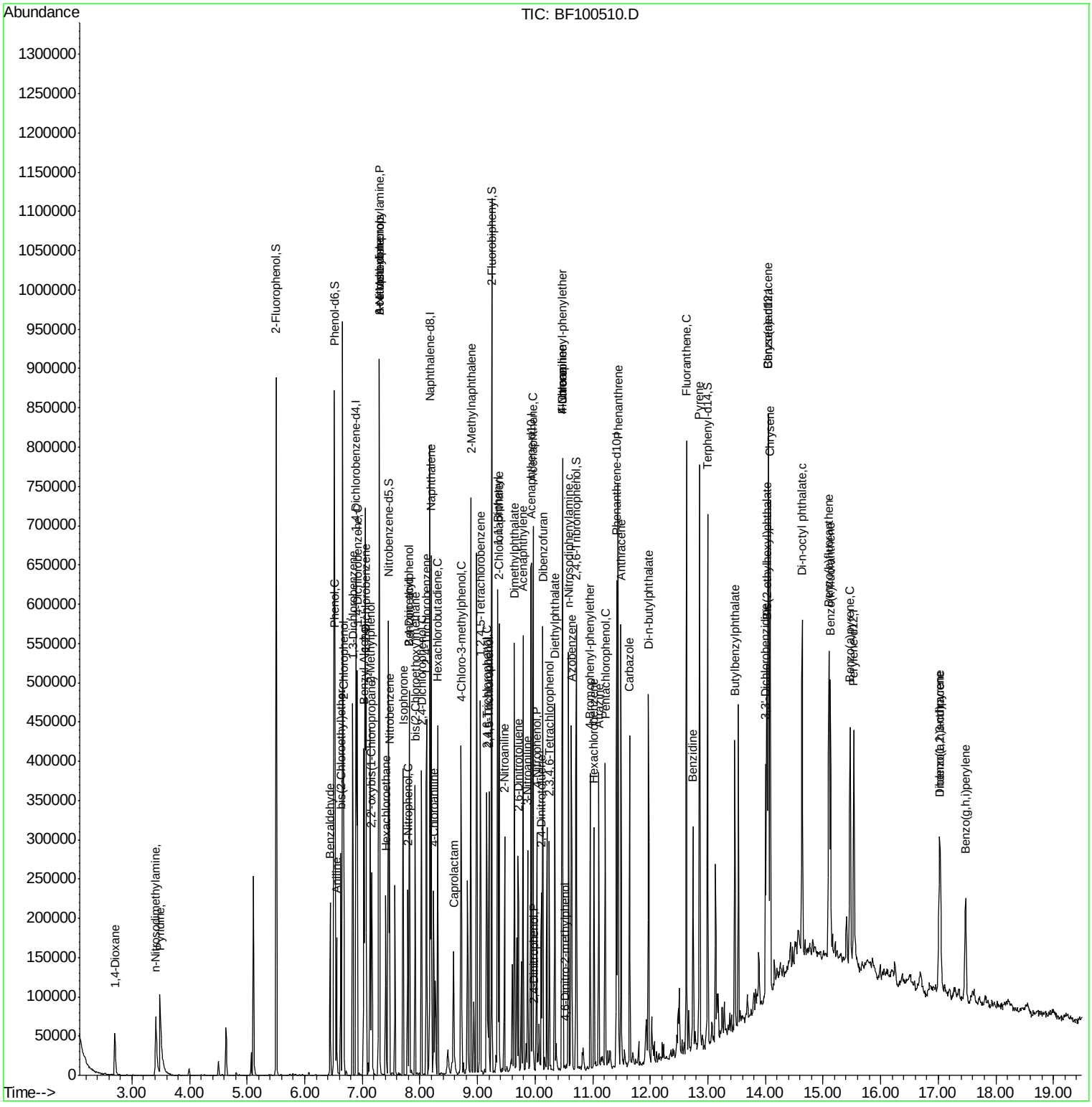
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\

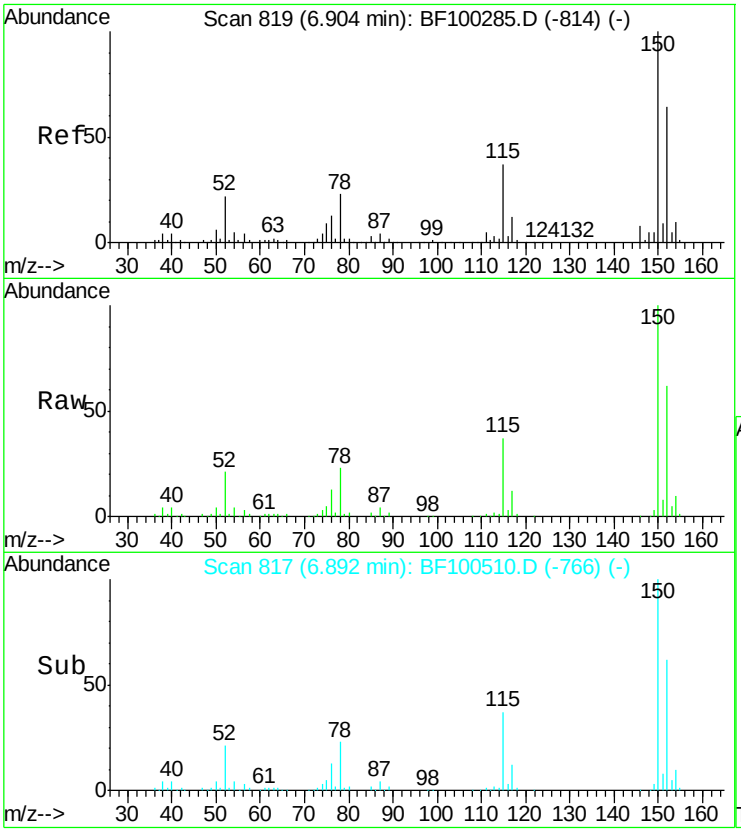
Quantitation Report (Not Reviewed)

Data File : BF100510.D
Acq On : 13 Nov 2017 18:40
Operator : SJ/JU
Sample : I6301-07MS 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Quant Time: Nov 14 00:49:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration



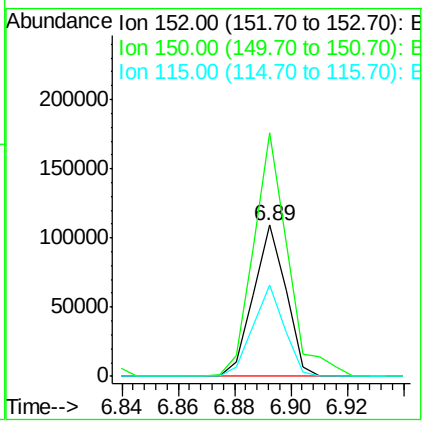


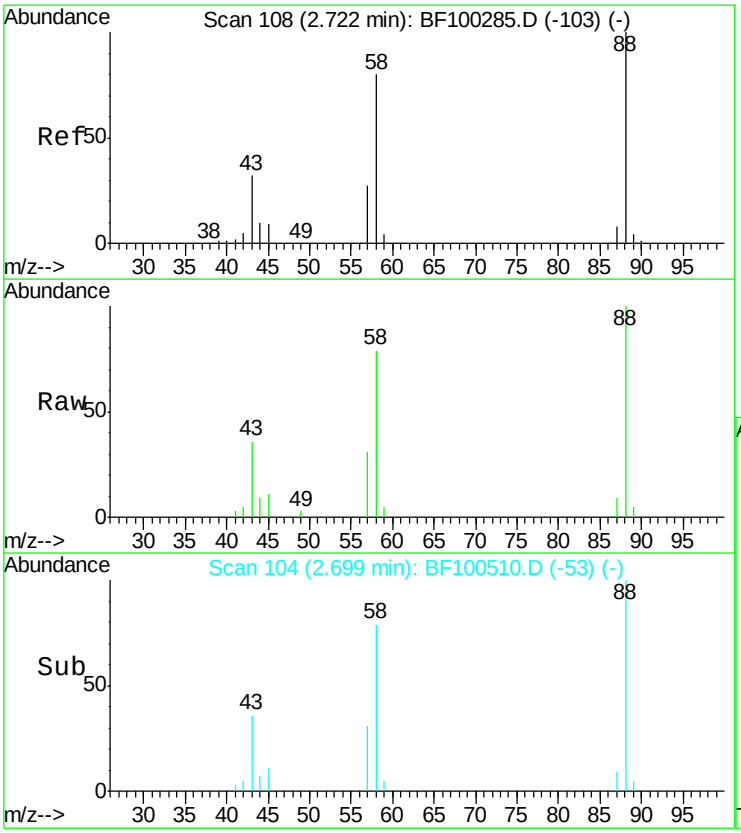

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:152 Resp: 87109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.0 | 124.6 | 186.8 |
| 115 | 60.1 | 50.1 | 75.1 |

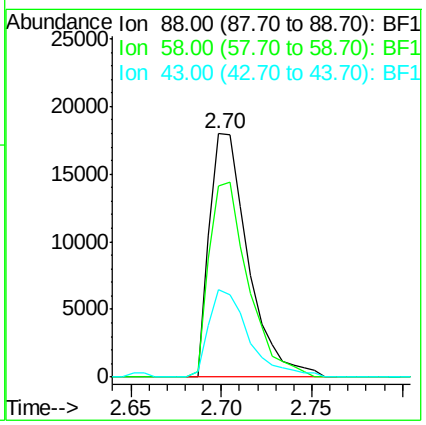


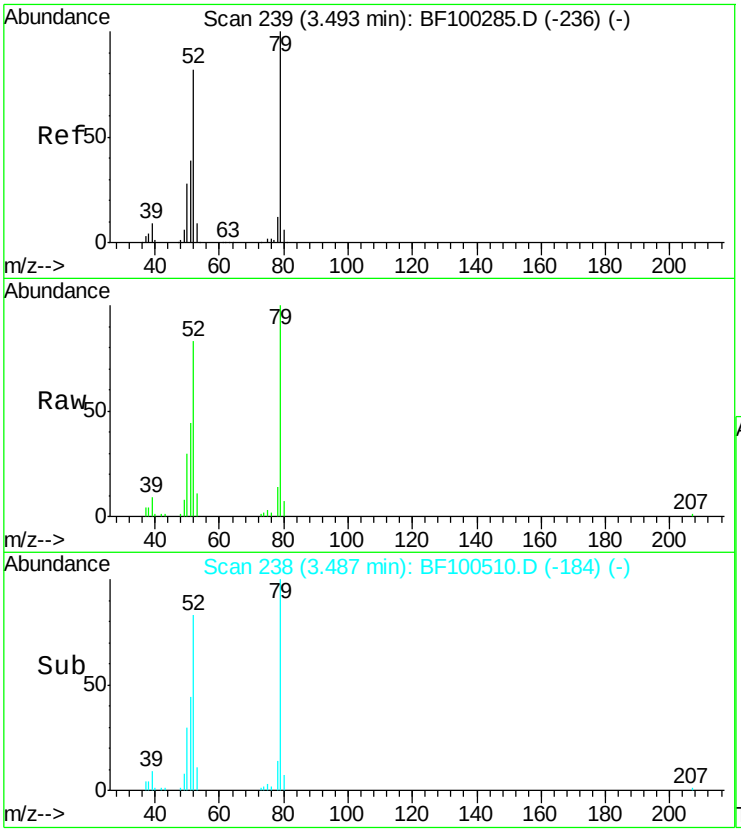




#2
1,4-Dioxane
Concen: 10.14 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 88 Resp: 26852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.3 | 62.6 | 93.8 |
| 43 | 37.1 | 24.6 | 37.0# |



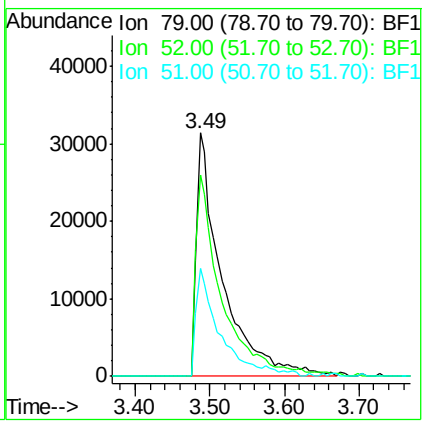


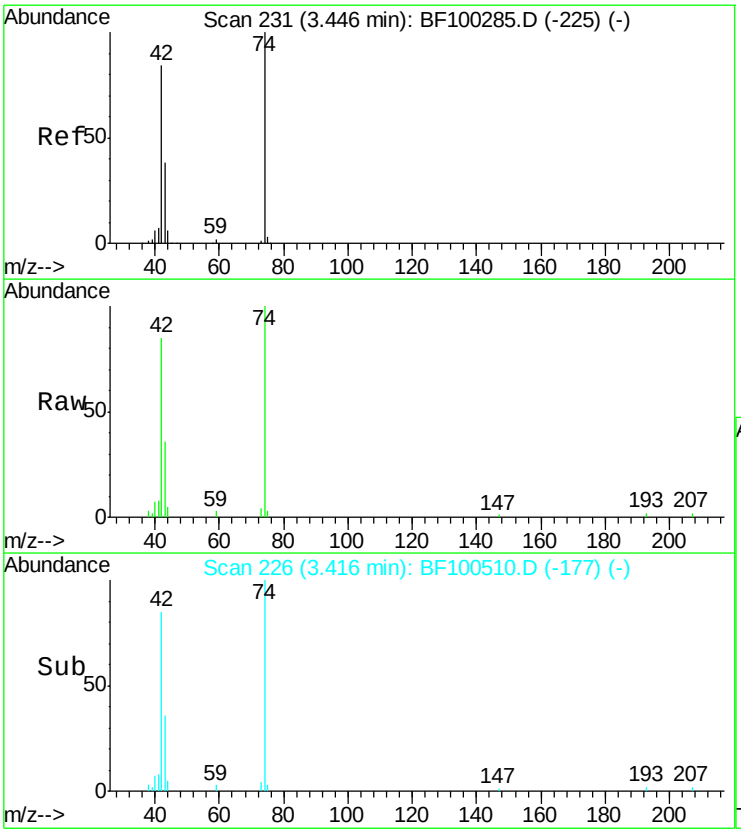

#3
Pyridine
Concen: 10.40 ng
RT: 3.49 min Scan# 238
Delta R.T. 0.02 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion: 79 Resp: 75161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 82.6 | 59.8 | 89.6 |
| 51 | 44.5 | 29.8 | 44.8 |

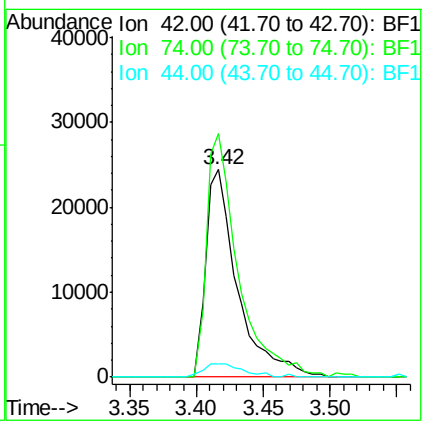


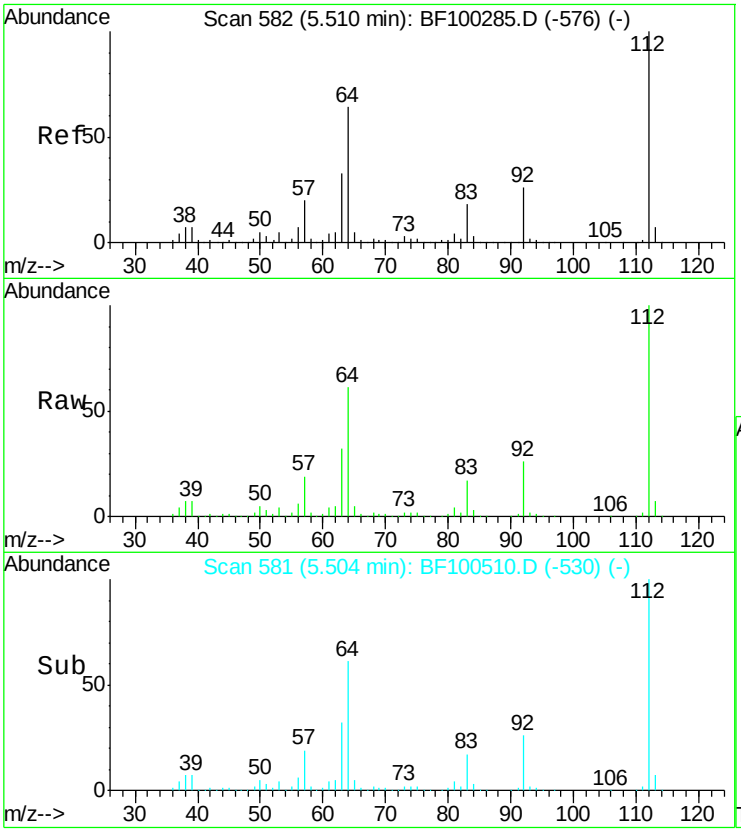




#4
n-Nitrosodimethylamine
Concen: 11.59 ng
RT: 3.42 min Scan# 226
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 42 Resp: 40654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 117.5 | 104.9 | 157.3 |
| 44 | 6.4 | 6.9 | 10.3# |



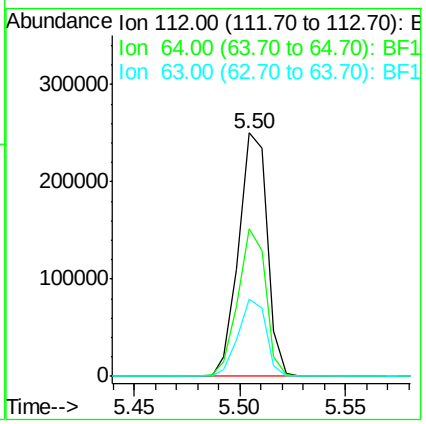


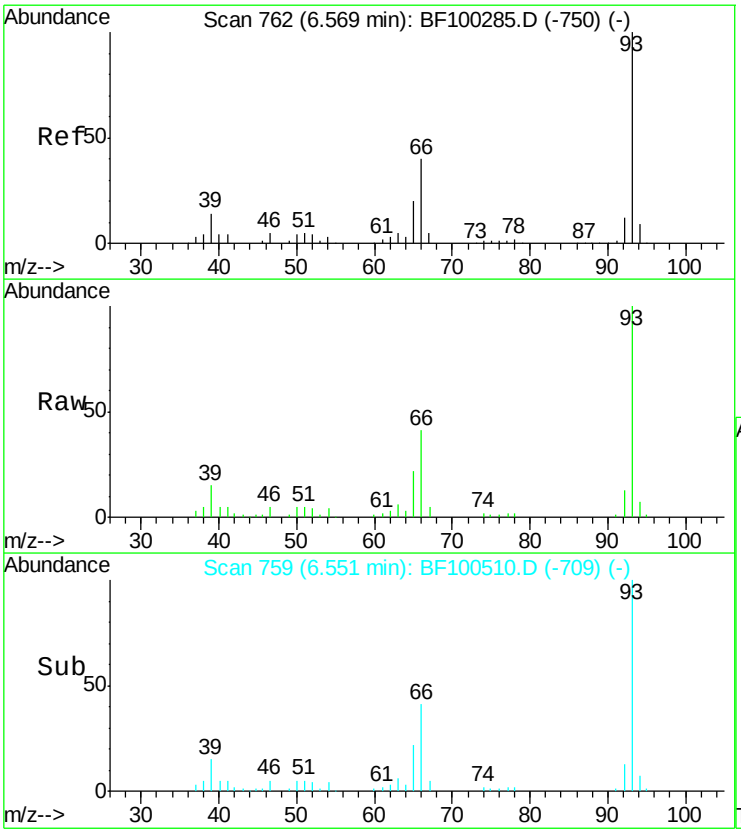

#5
2-Fluorophenol
Concen: 43.29 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:112 Resp: 235222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.9 | 47.9 | 71.9 |
| 63 | 31.8 | 23.7 | 35.5 |

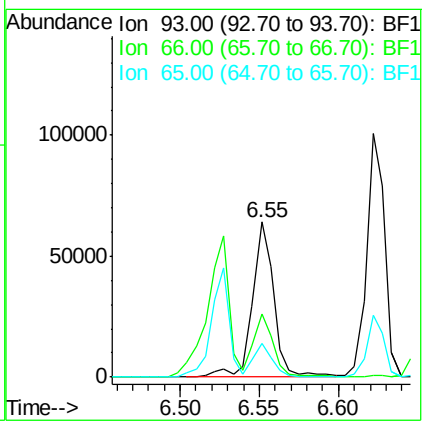


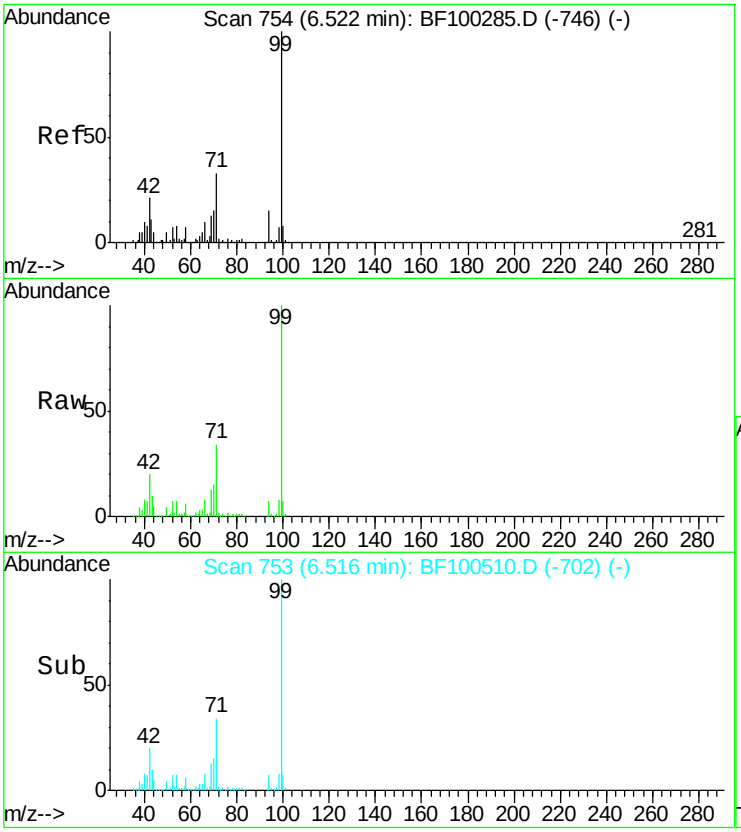




#6
Aniline
Concen: 6.38 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 93 Resp: 60445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.0 | 32.2 | 48.2 |
| 65 | 21.7 | 16.4 | 24.6 |



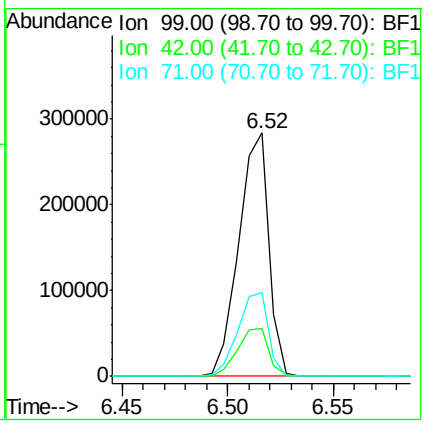


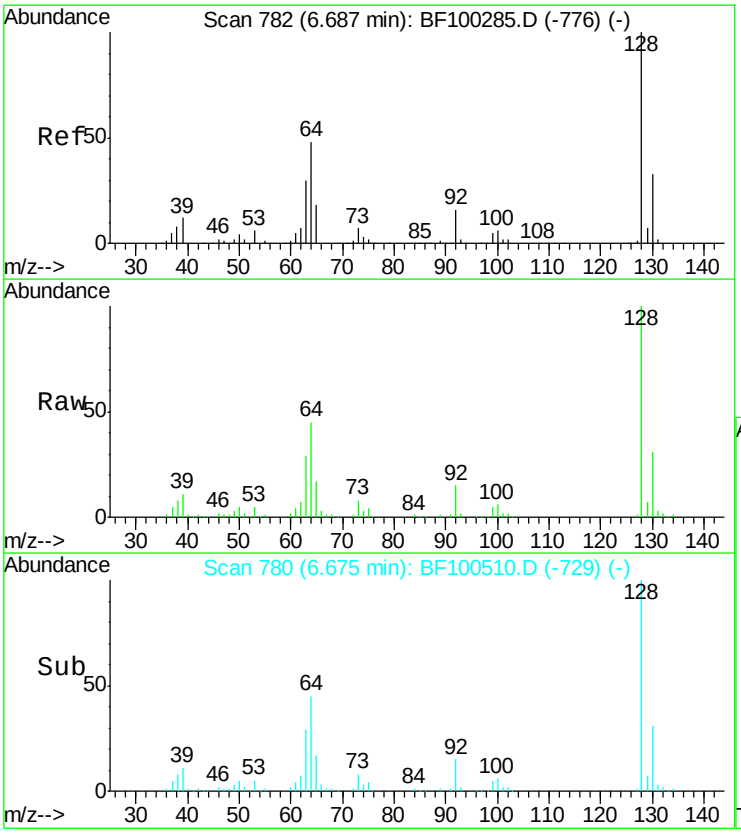

#7
Phenol-d6
Concen: 41.75 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion: 99 Resp: 279800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.6 | 14.5 | 21.7 |
| 71 | 34.4 | 25.4 | 38.0 |

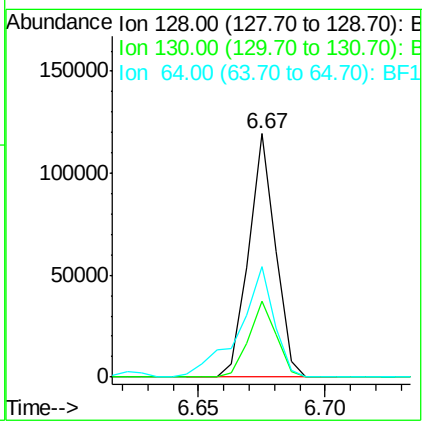


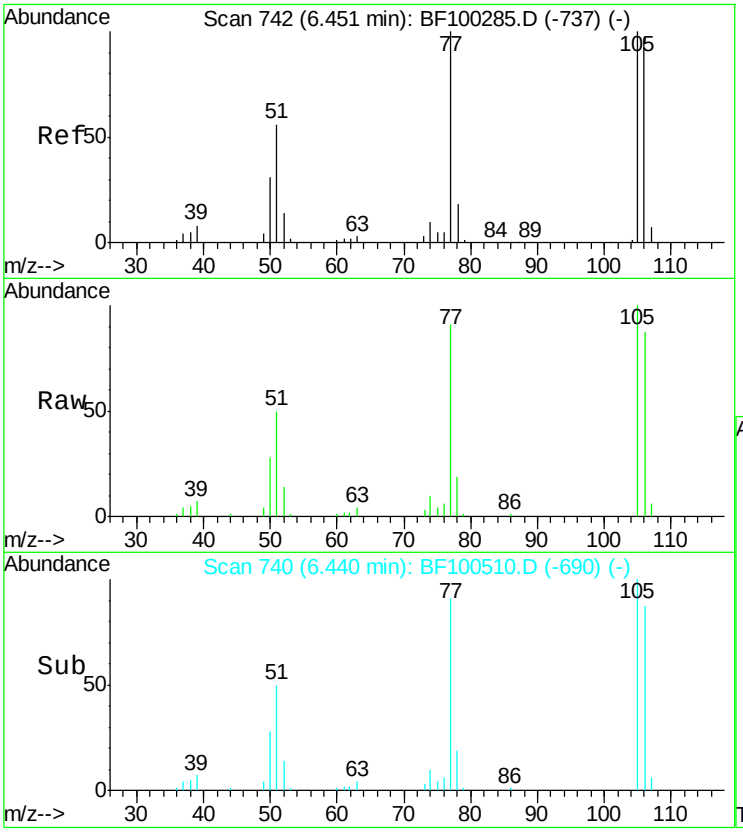




#8
2-Chlorophenol
Concen: 15.34 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:128 Resp: 88203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.0 | 13.0 | 53.0 |
| 64 | 45.3 | 29.4 | 69.4 |



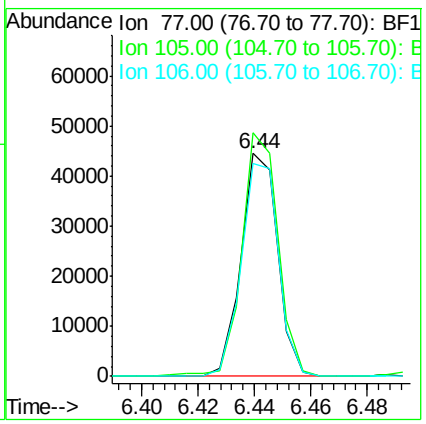


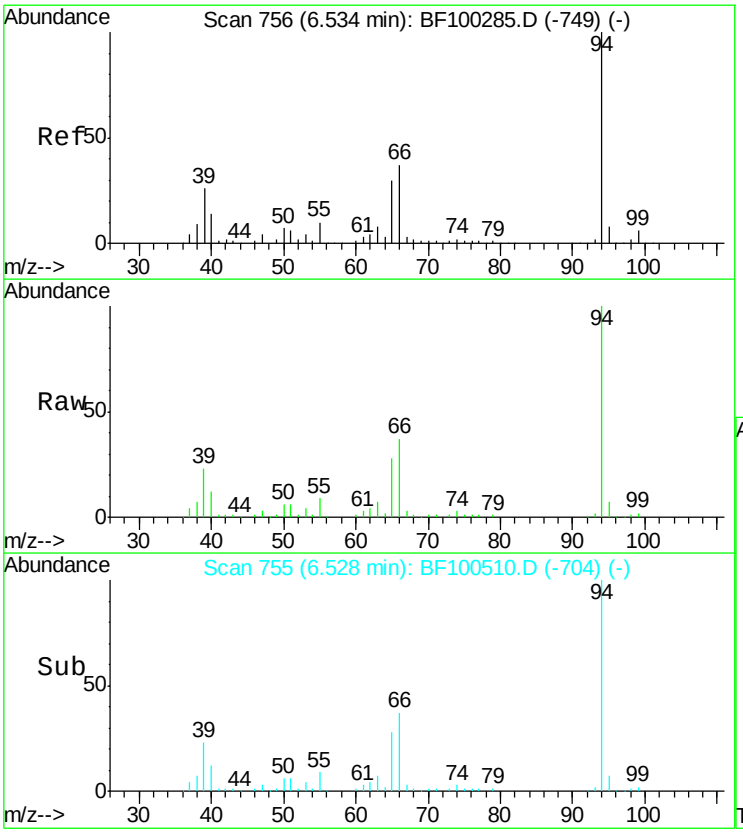

#9
Benzaldehyde
Concen: 8.32 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion: 77 Resp: 39800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 109.3 | 81.1 | 121.1 |
| 106 | 95.5 | 74.5 | 114.5 |

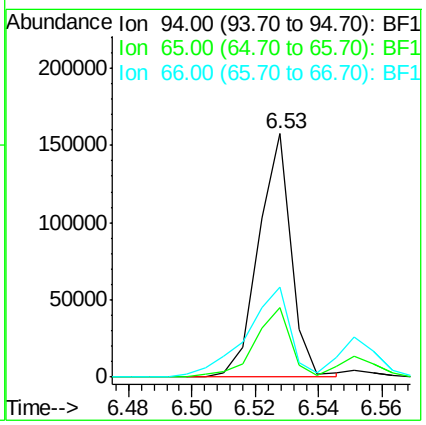


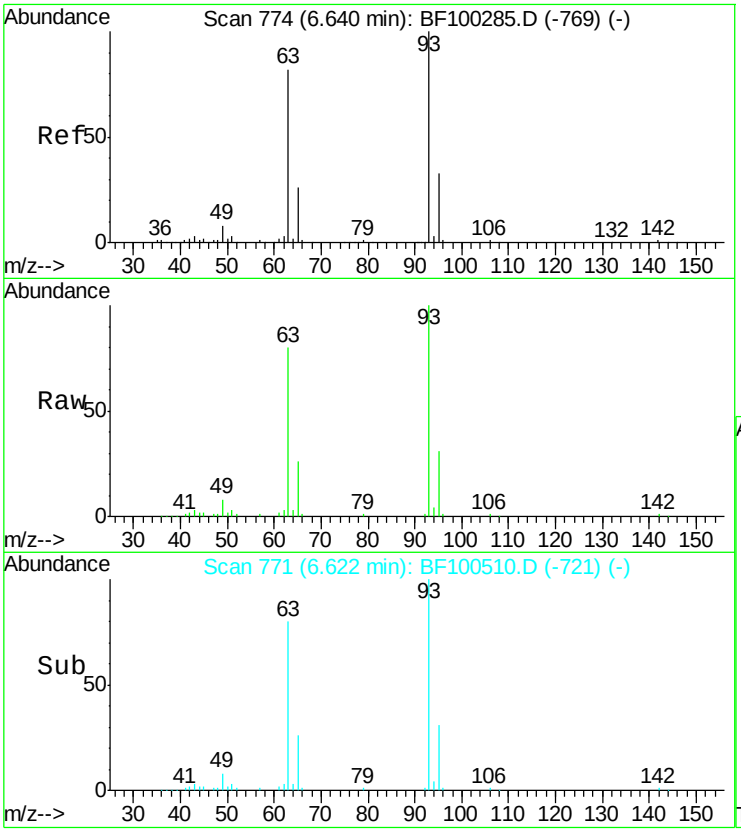




#10
Phenol
Concen: 15.99 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 94 Resp: 112483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.5 | 7.9 | 47.9 |
| 66 | 37.1 | 16.2 | 56.2 |



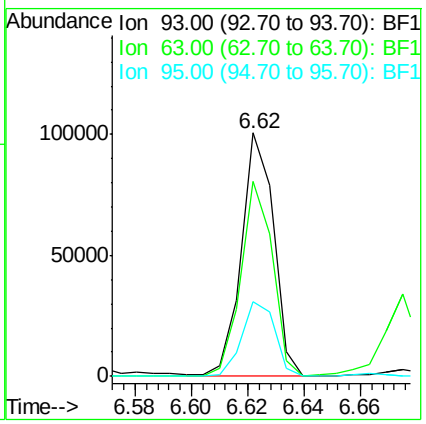


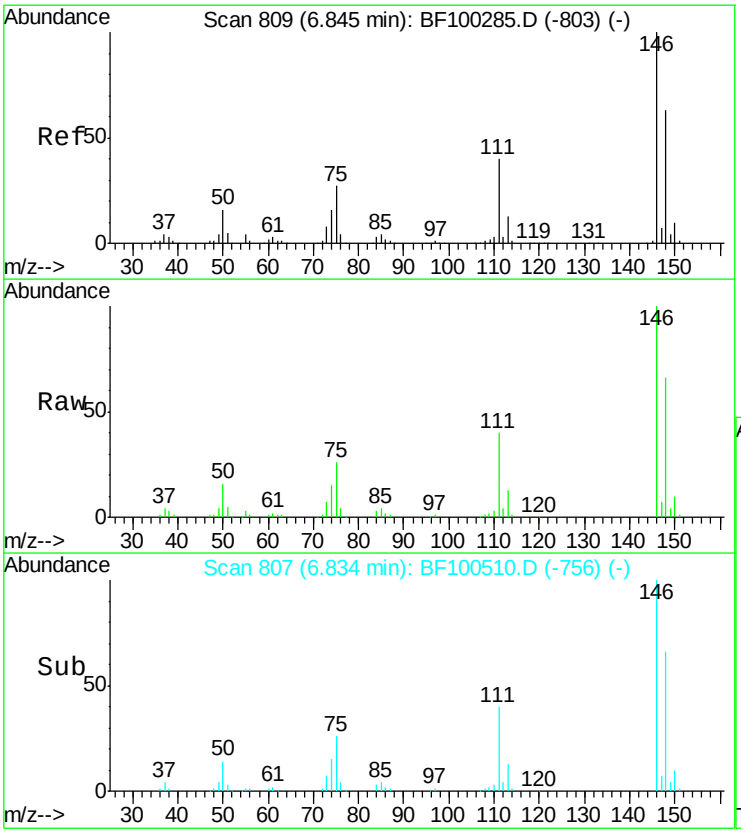

#11
bis(2-Chloroethyl)ether
Concen: 13.58 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion: 93 Resp: 80216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 80.2 | 58.6 | 98.6 |
| 95 | 30.9 | 11.8 | 51.8 |

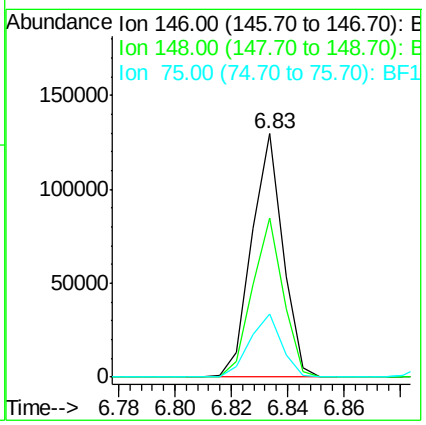


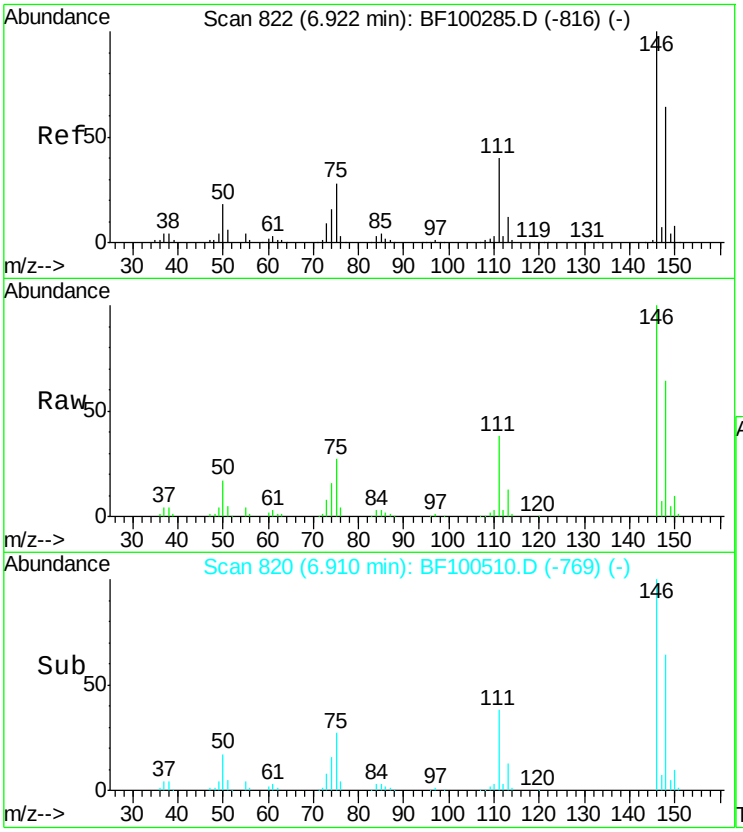




#12
1,3-Dichlorobenzene
Concen: 14.98 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:146 Resp: 99278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.6 | 51.8 | 77.8 |
| 75 | 26.0 | 24.2 | 36.4 |



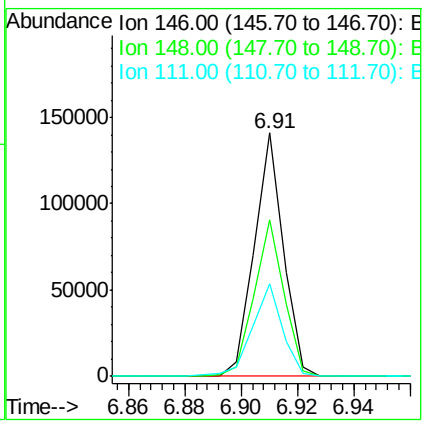


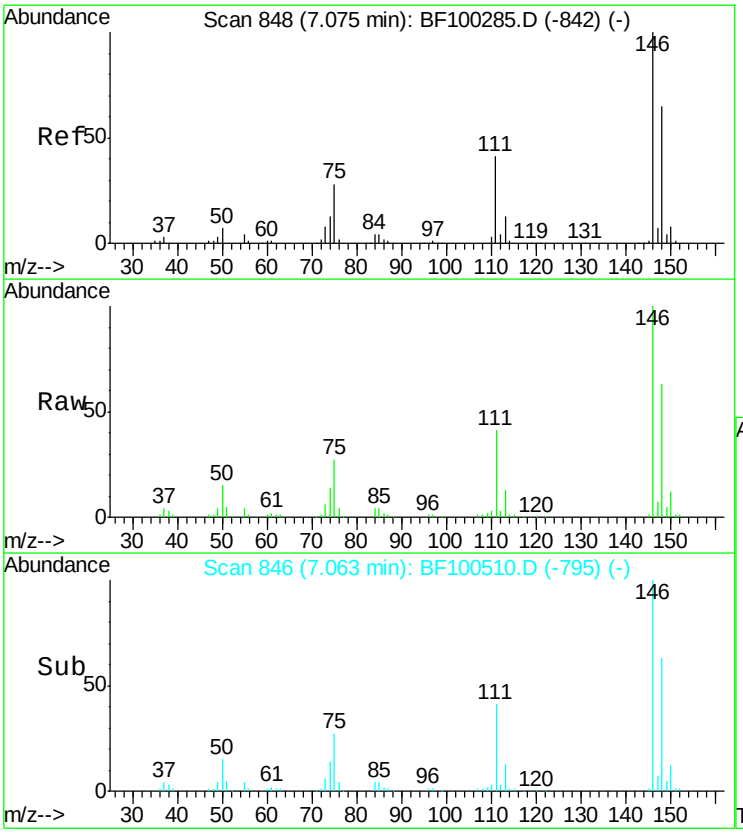

#13
1,4-Dichlorobenzene
Concen: 15.04 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:146 Resp: 100914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 50.8 | 76.2 |
| 111 | 38.1 | 34.2 | 51.2 |

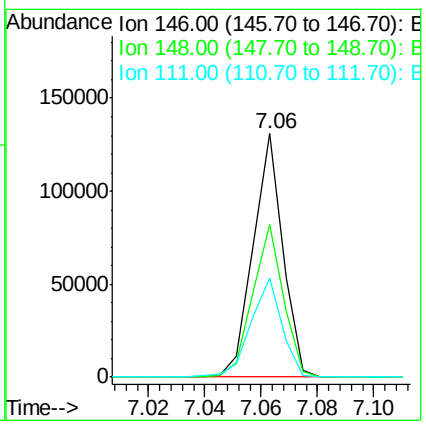


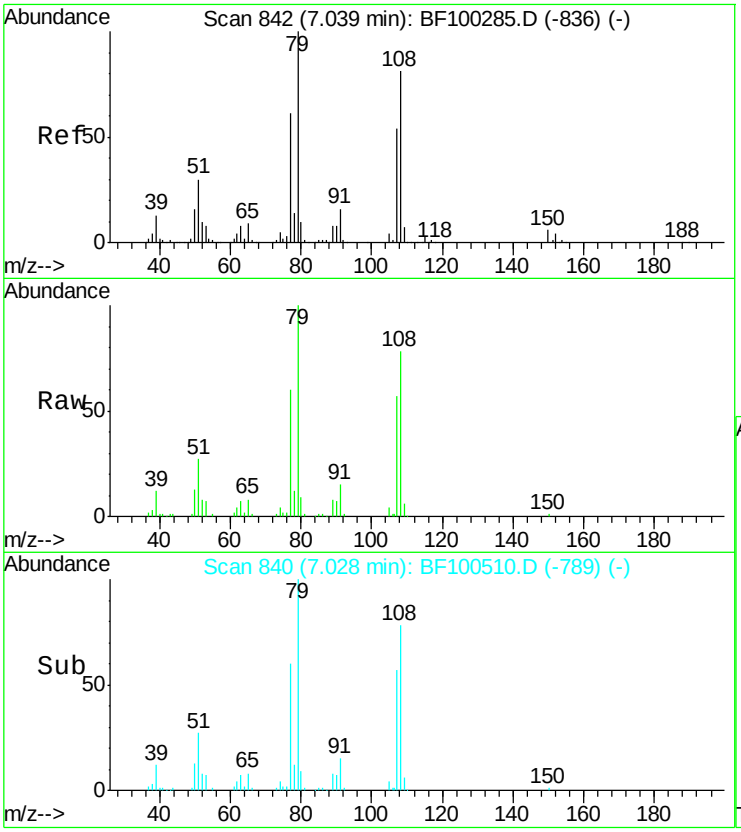




#14
1,2-Dichlorobenzene
Concen: 15.38 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:146 Resp: 95402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.5 | 50.6 | 75.8 |
| 111 | 40.9 | 36.0 | 54.0 |



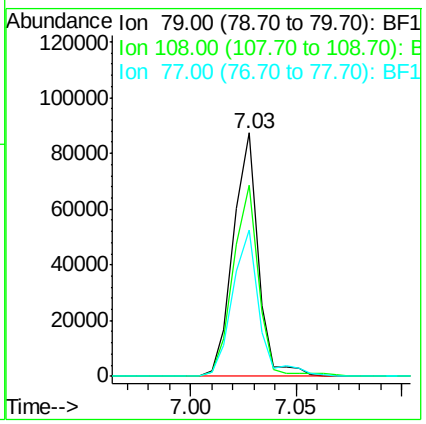


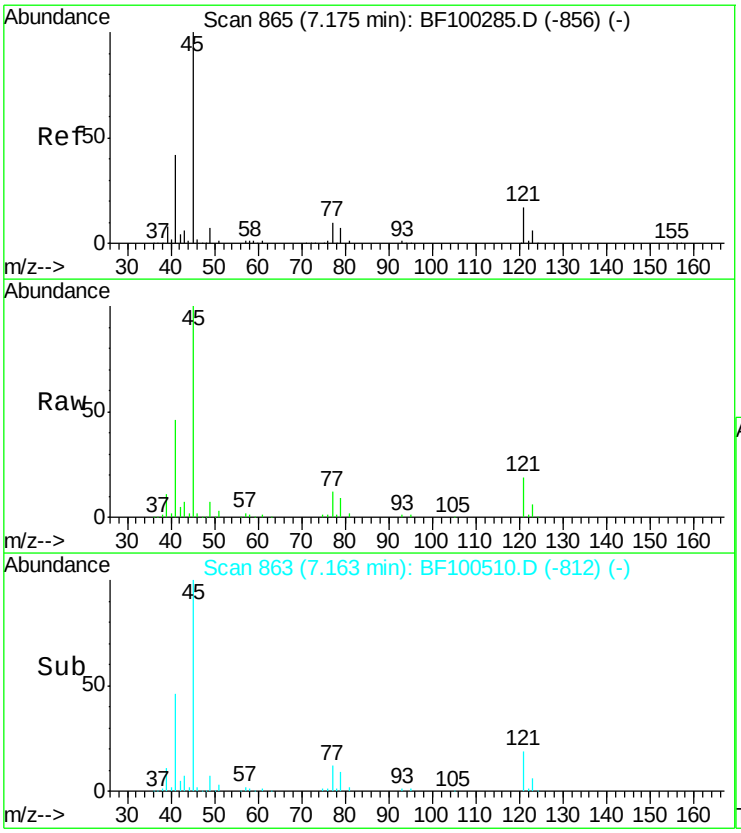

#15
Benzyl Alcohol
Concen: 13.66 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion: 79 Resp: 71445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.5 | 65.1 | 97.7 |
| 77 | 60.3 | 50.6 | 75.8 |

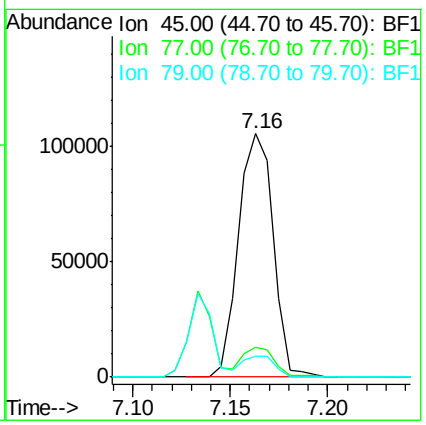


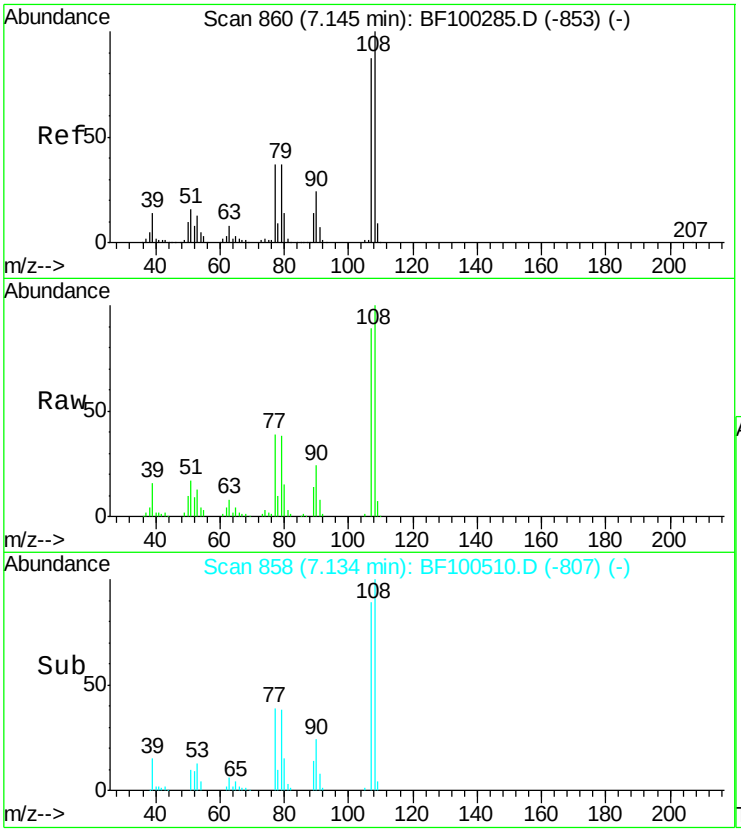




#16
2,2'-oxybis(1-Chloropropane)
Concen: 13.74 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 45 Resp: 129864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.2 | 0.0 | 32.9 |
| 79 | 8.6 | 0.0 | 29.6 |



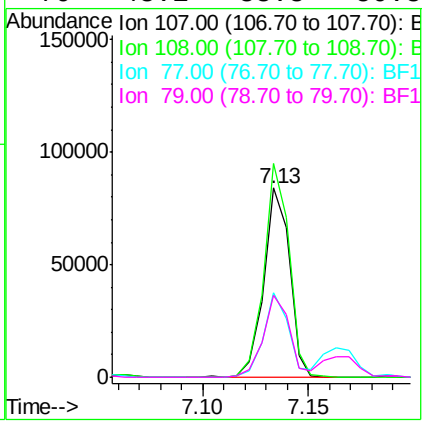


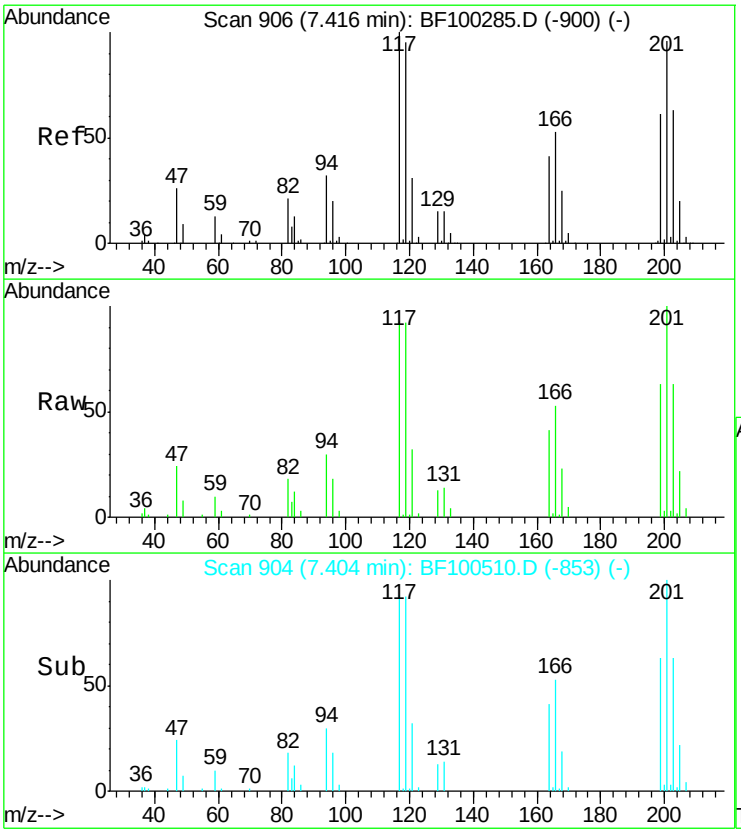

#17
2-Methylphenol
Concen: 14.49 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:107 Resp: 71189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.9 | 91.7 | 137.5 |
| 77 | 44.6 | 33.8 | 50.8 |
| 79 | 43.1 | 33.8 | 50.8 |

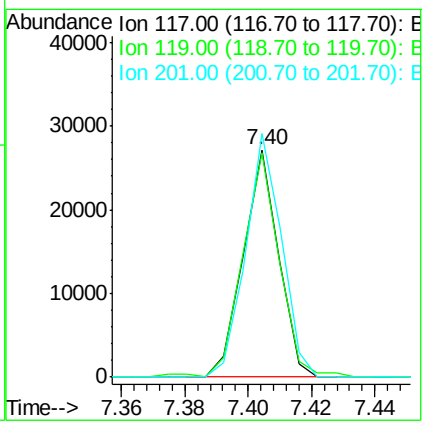


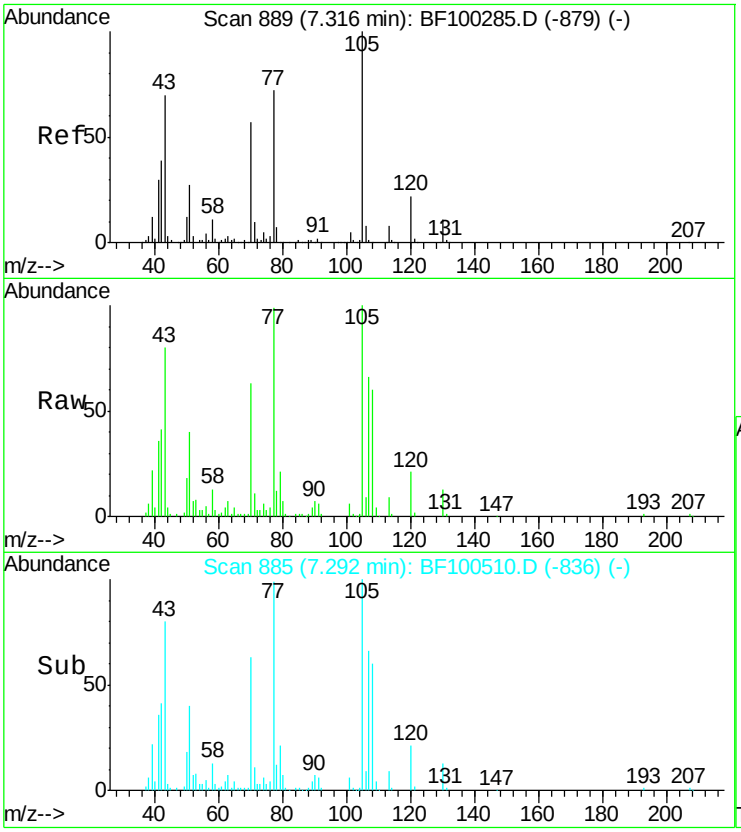




#18
Hexachloroethane
Concen: 9.44 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:117 Resp: 20886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.9 | 75.8 | 113.8 |
| 201 | 107.1 | 75.7 | 113.5 |



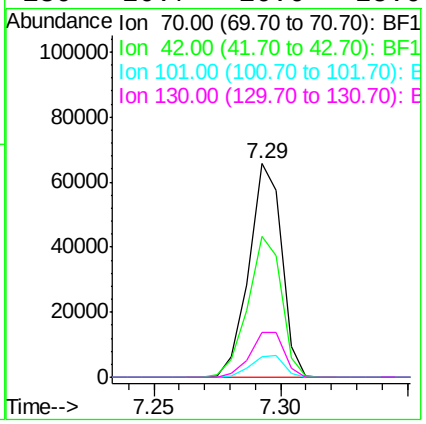


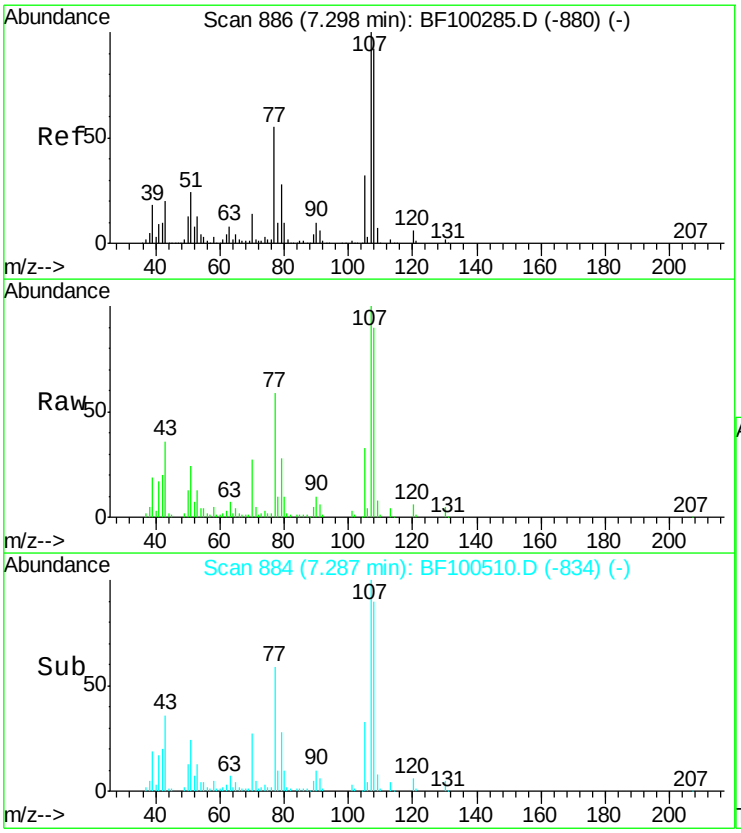

#19
n-Nitroso-di-n-propylamine
Concen: 12.79 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion: 70 Resp: 59425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.7 | 47.5 | 71.3 |
| 101 | 9.7 | 7.4 | 11.2 |
| 130 | 20.7 | 16.6 | 25.0 |

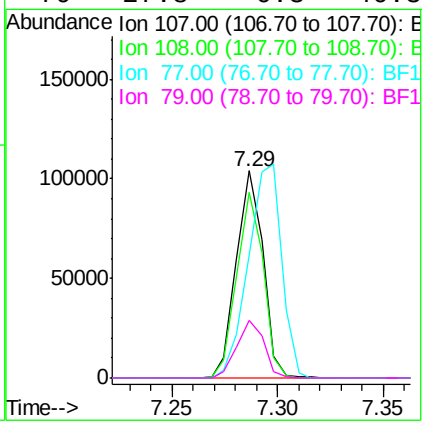


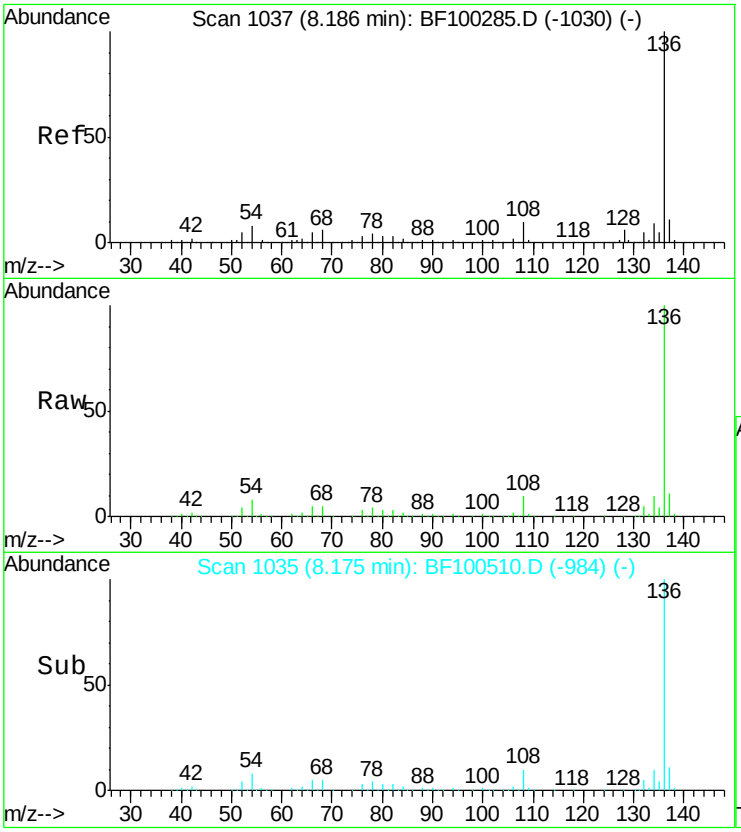




#20
3+4-Methylphenols
Concen: 14.65 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:107 Resp: 91075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.6 | 68.2 | 108.2 |
| 77 | 59.4 | 26.7 | 66.7 |
| 79 | 27.8 | 6.3 | 46.3 |



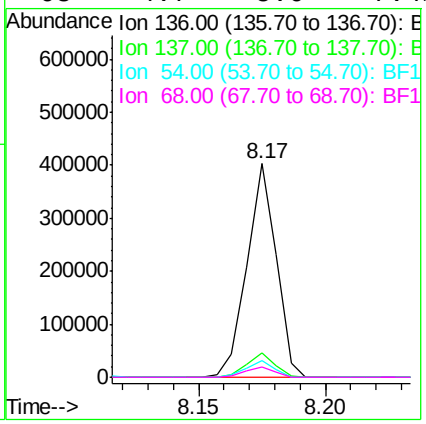


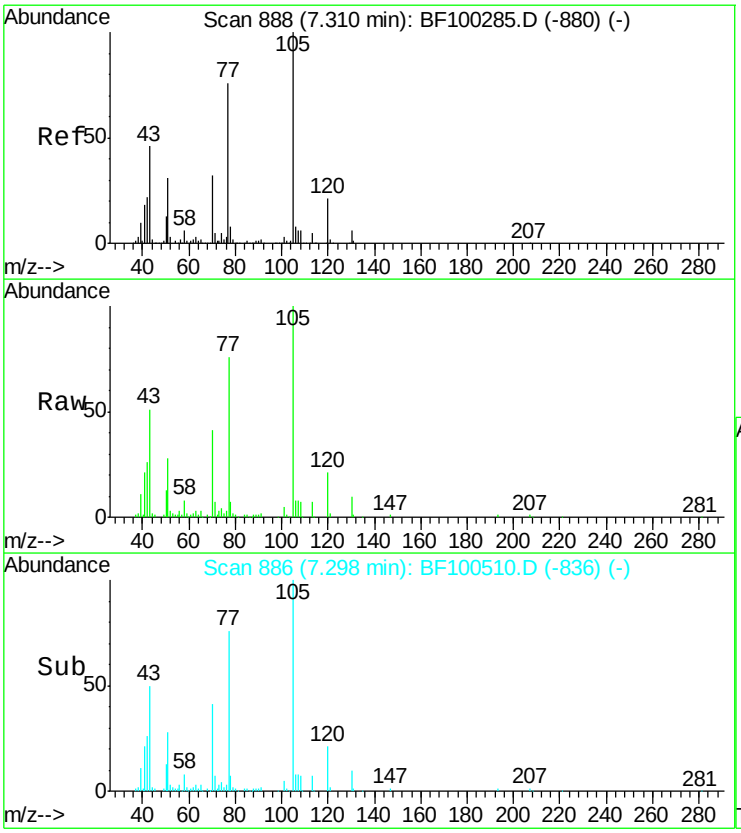

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:136 Resp: 324225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.9 | 13.3 |
| 54 | 8.0 | 6.6 | 9.8 |
| 68 | 4.7 | 5.0 | 7.4# |

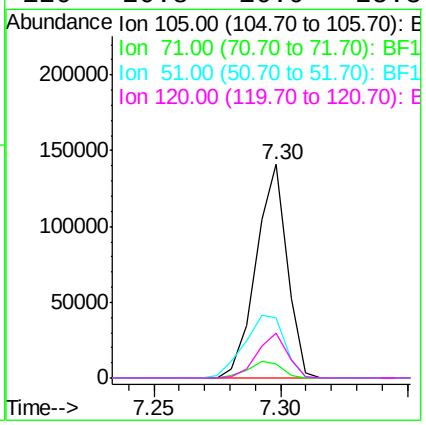


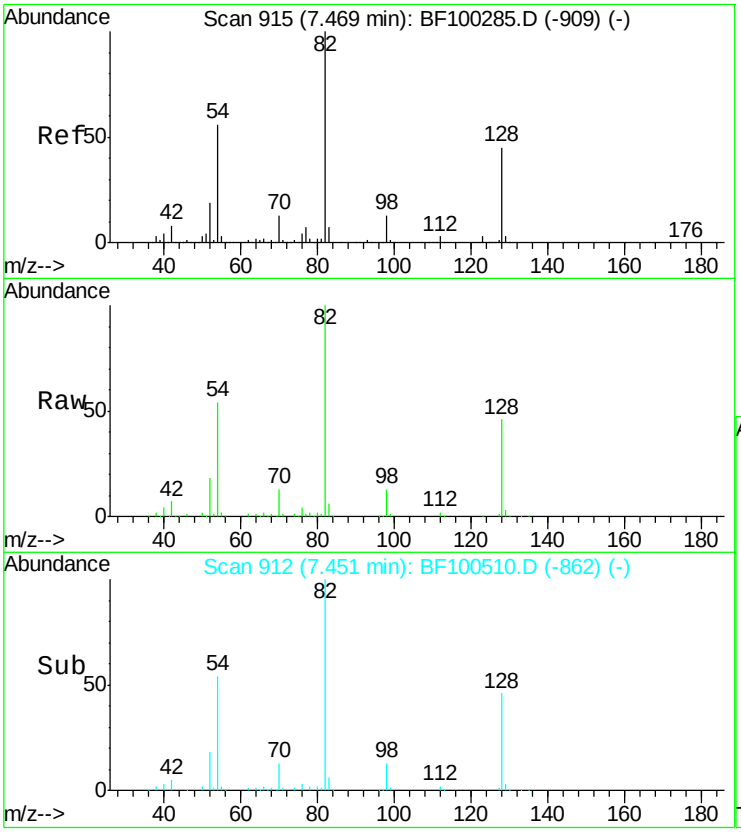




#22
Acetophenone
Concen: 15.26 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:105 Resp: 120671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.7 | 4.4 | 6.6# |
| 51 | 28.1 | 22.3 | 33.5 |
| 120 | 20.8 | 16.9 | 25.3 |



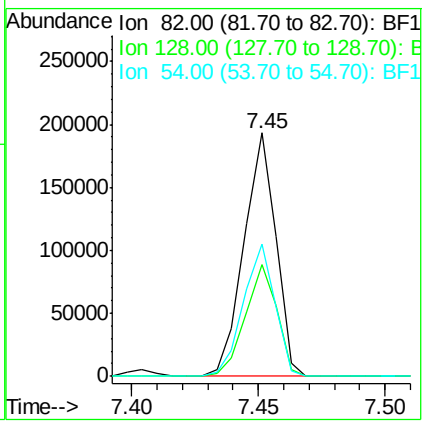


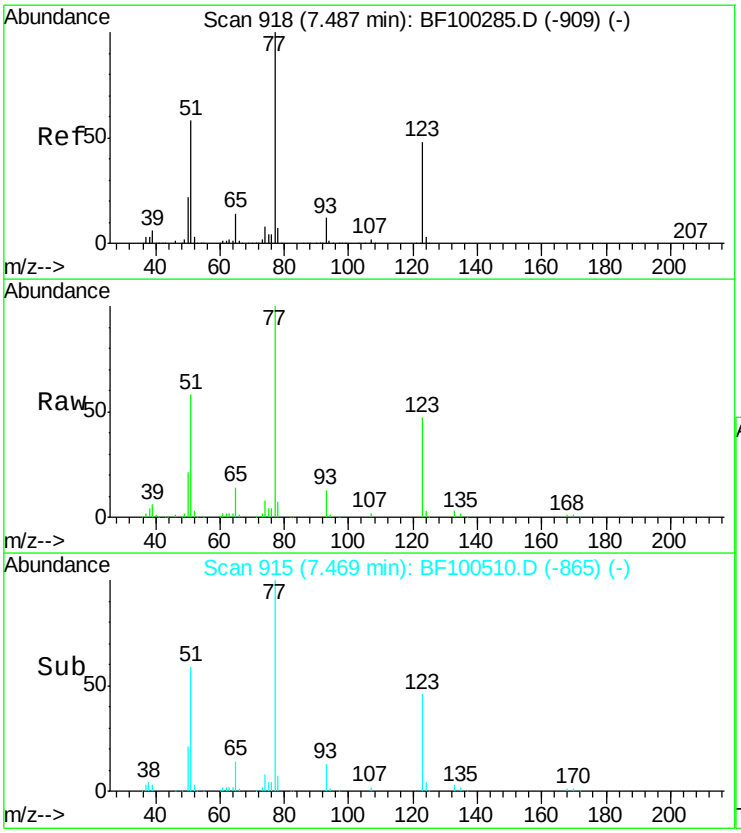

#23
Nitrobenzene-d5
Concen: 34.57 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion: 82 Resp: 169518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.7 | 36.1 | 54.1 |
| 54 | 54.2 | 41.4 | 62.2 |

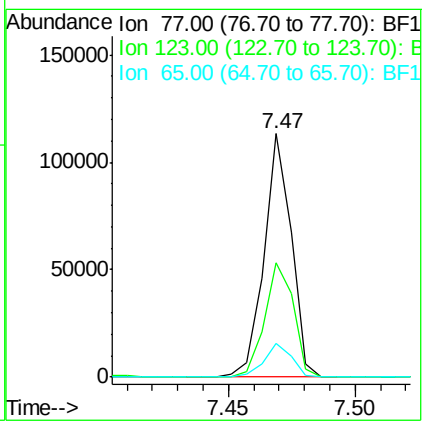


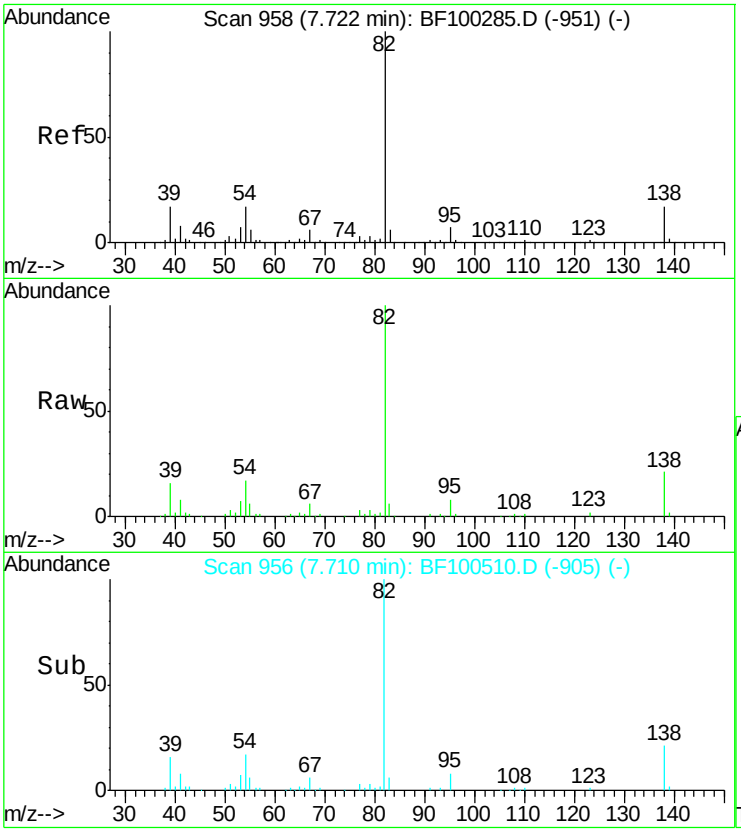




#24
Nitrobenzene
Concen: 16.88 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 77 Resp: 85225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 46.8 | 37.9 | 56.9 |
| 65 | 13.6 | 11.0 | 16.4 |



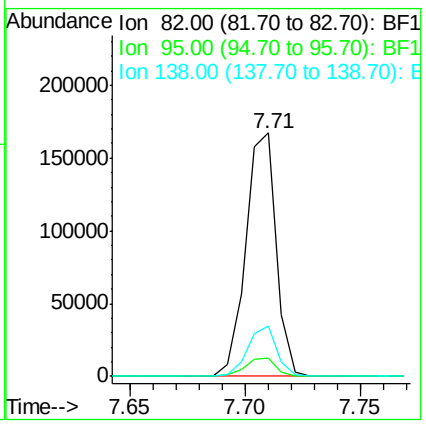


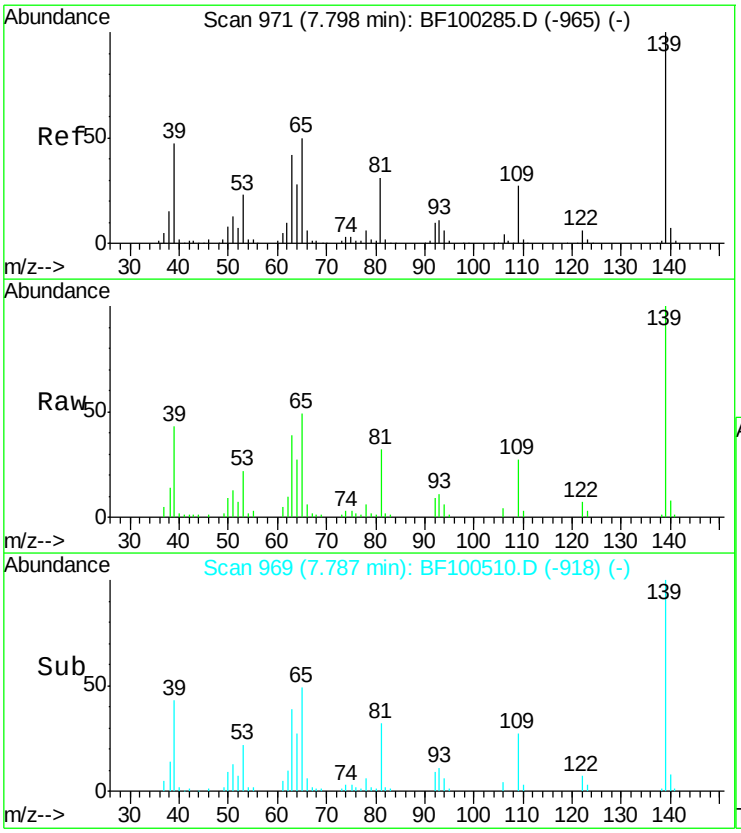

#25
Isophorone
Concen: 14.91 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion: 82 Resp: 153680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.5 | 5.2 | 7.8 |
| 138 | 20.7 | 14.9 | 22.3 |

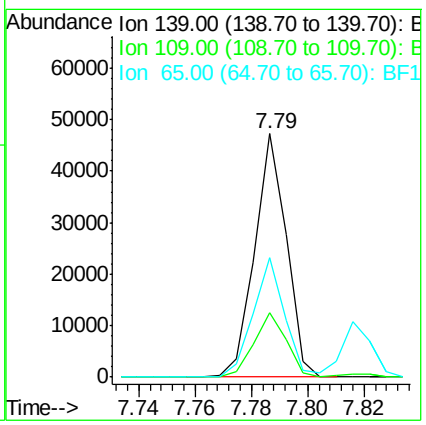


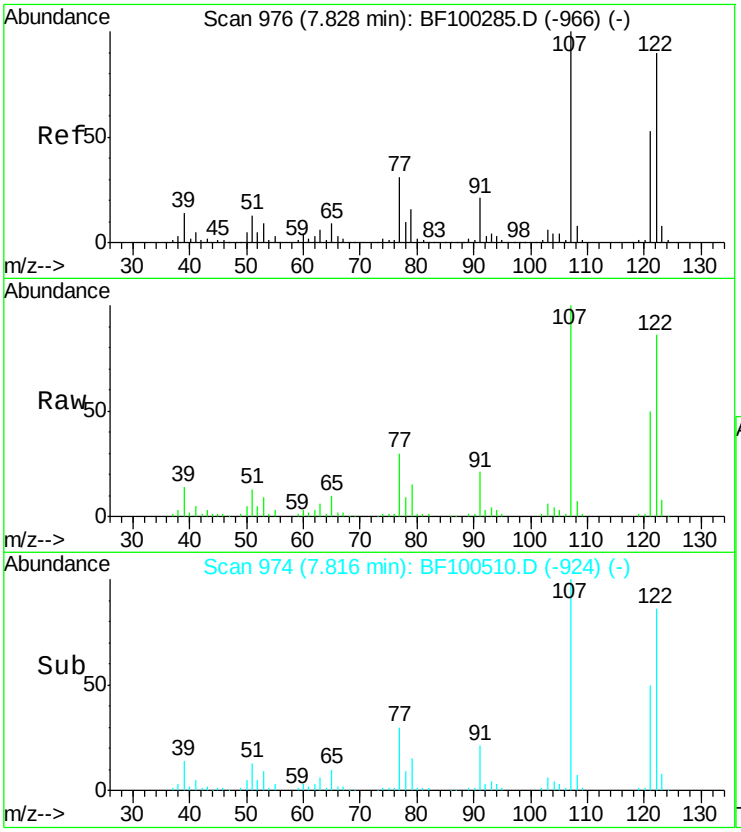




#26
2-Nitrophenol
Concen: 19.20 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:139 Resp: 36834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.6 | 22.7 | 34.1 |
| 65 | 49.0 | 40.5 | 60.7 |



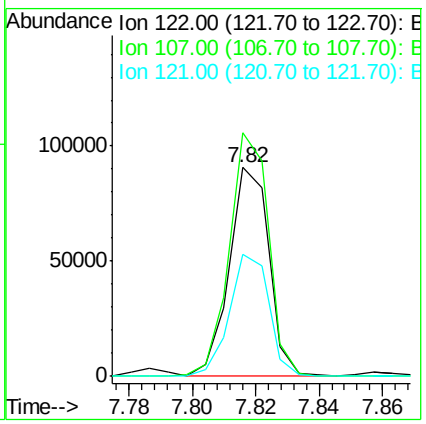


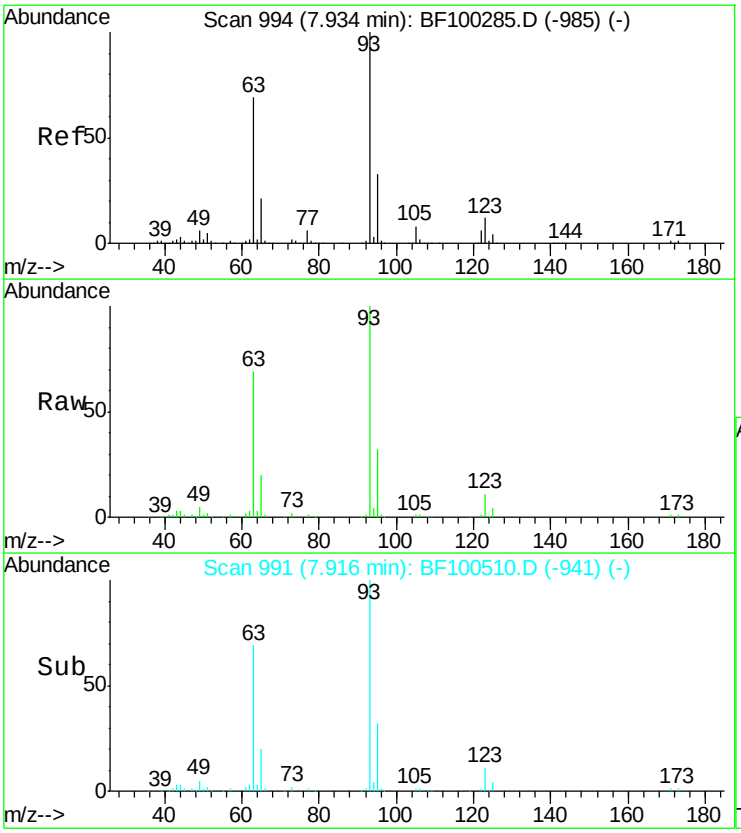

#27
2,4-Dimethylphenol
Concen: 16.95 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:122 Resp: 78321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 116.7 | 91.2 | 136.8 |
| 121 | 58.6 | 47.2 | 70.8 |

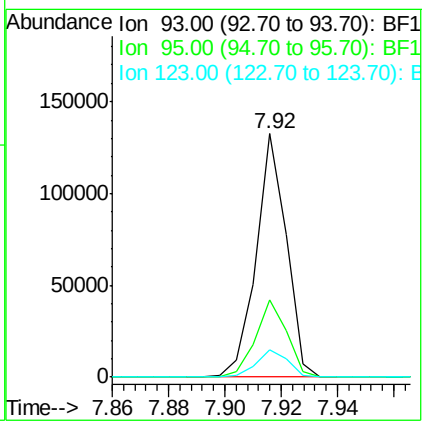


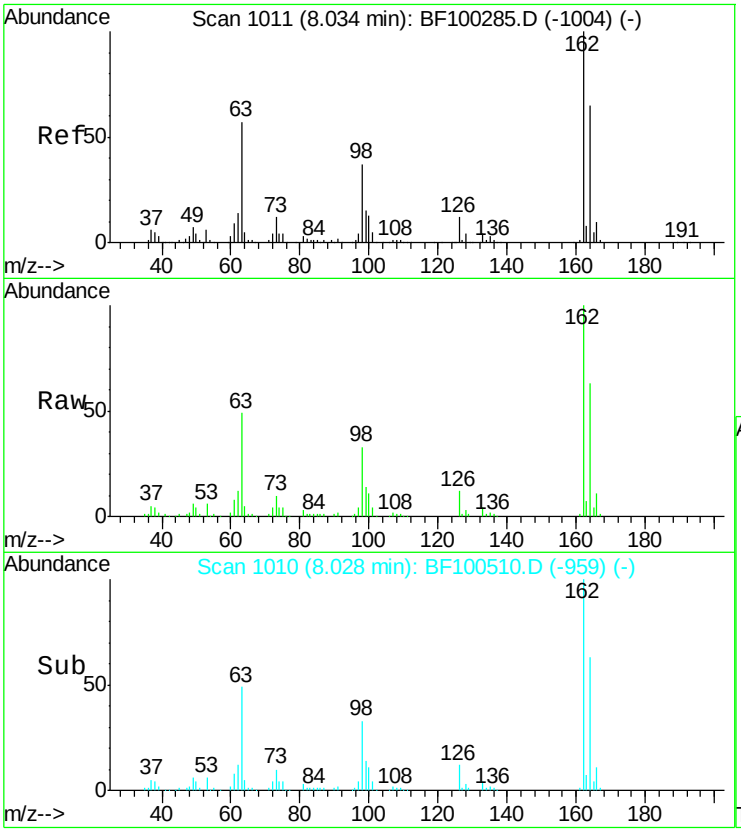




#28
bis(2-Chloroethoxy)methane
Concen: 14.60 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 93 Resp: 98433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.6 | 26.3 | 39.5 |
| 123 | 11.0 | 9.8 | 14.6 |



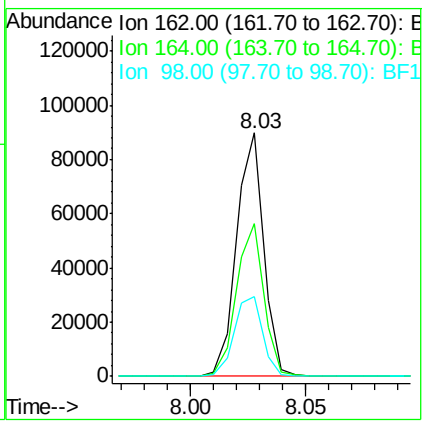


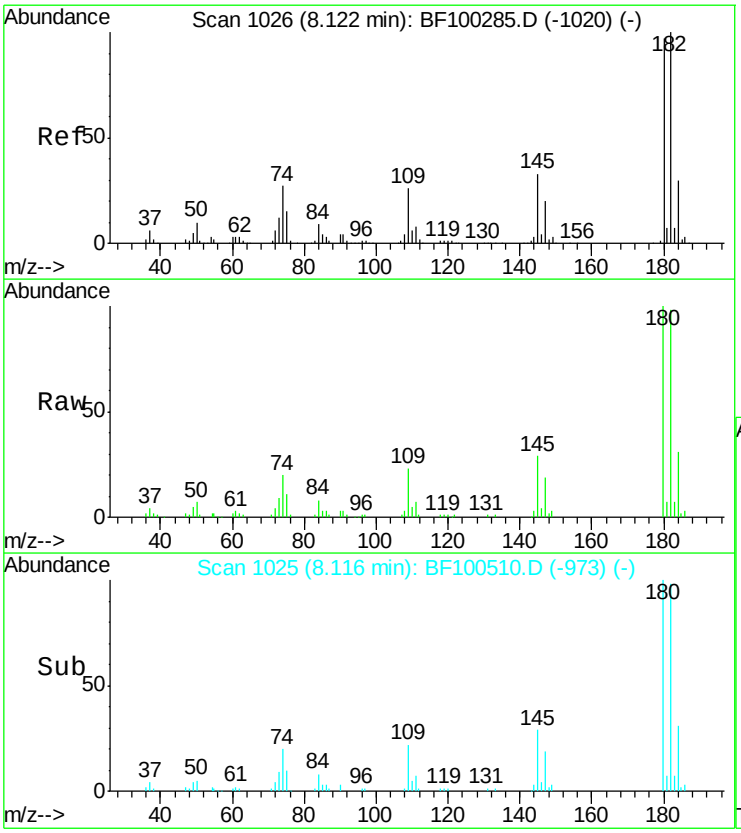

#29
2,4-Dichlorophenol
Concen: 16.75 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:162 Resp: 73891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.9 | 42.7 | 82.7 |
| 98 | 33.0 | 18.1 | 58.1 |

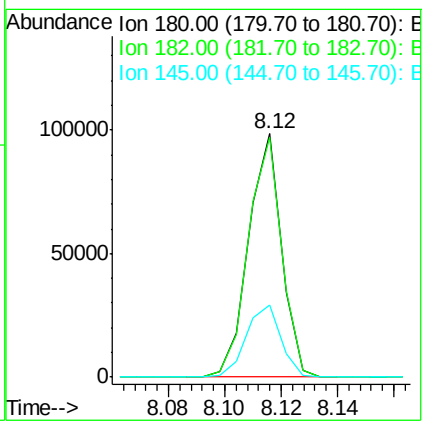


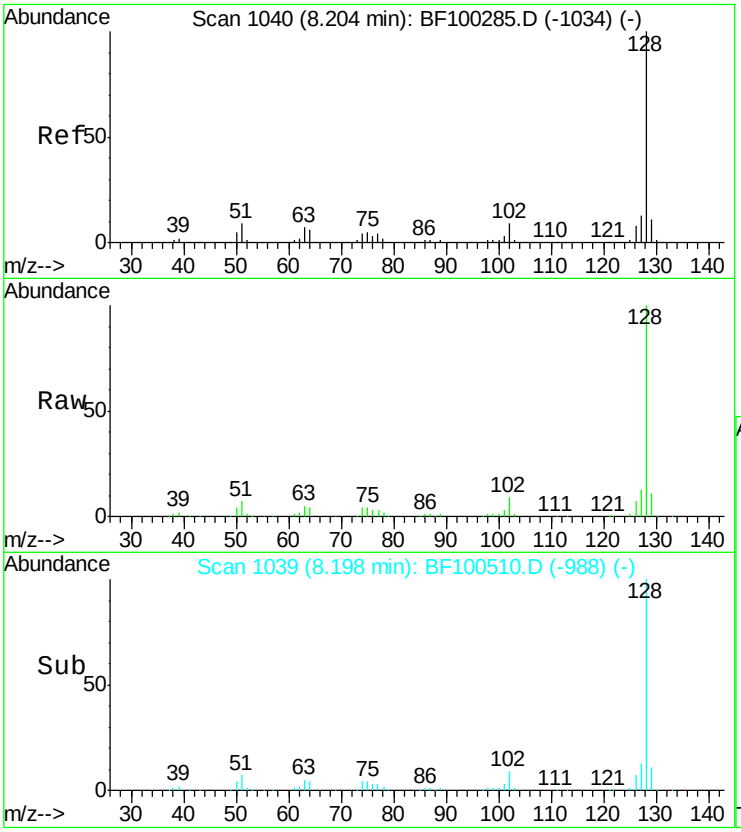




#30
1,2,4-Trichlorobenzene
Concen: 16.74 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:180 Resp: 79846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 98.4 | 76.8 | 115.2 |
| 145 | 29.4 | 26.5 | 39.7 |



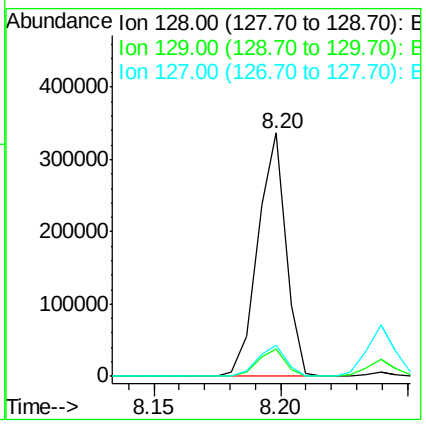


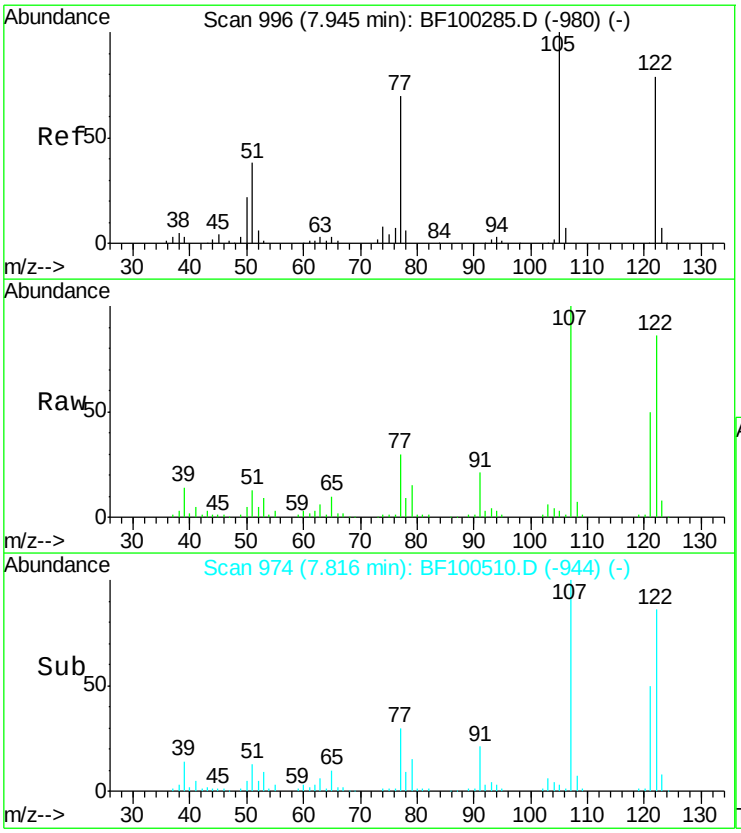

#31
Naphthalene
Concen: 16.75 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:128 Resp: 261542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.8 | 13.2 |
| 127 | 12.8 | 10.9 | 16.3 |

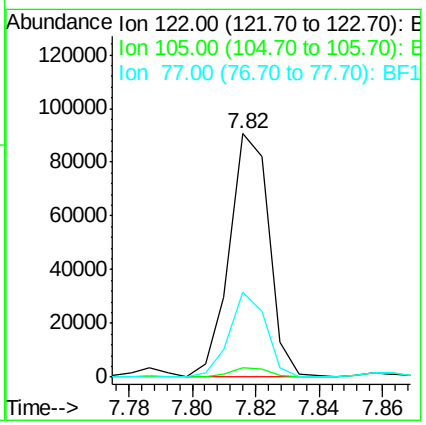


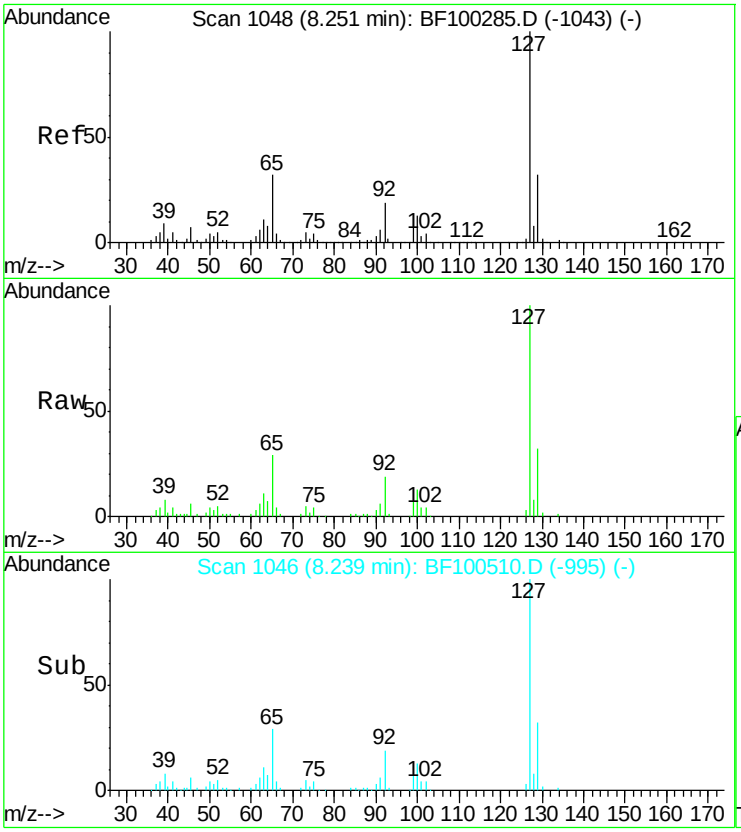




#32
Benzoic acid
Concen: 27.19 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.12 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:122 Resp: 78321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 4.0 | 101.1 | 141.1# |
| 77 | 34.6 | 70.7 | 110.7# |



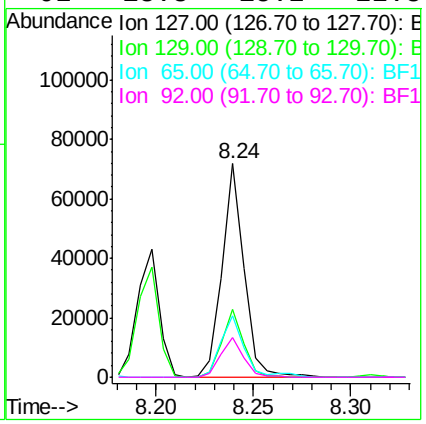


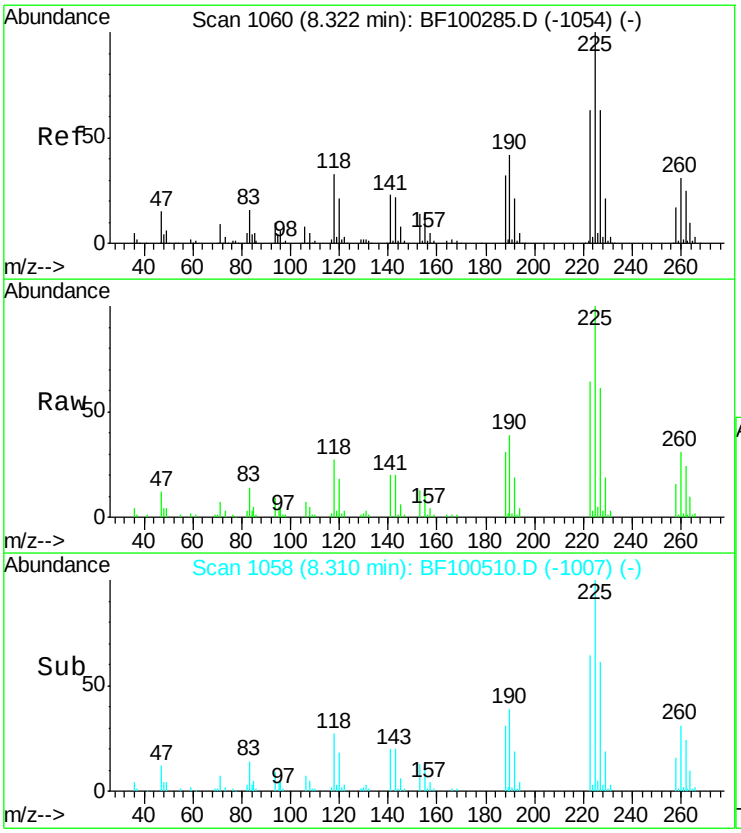

#33
4-Chloroaniline
Concen: 8.68 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:127 Resp: 56427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.8 | 25.9 | 38.9 |
| 65 | 28.7 | 25.0 | 37.4 |
| 92 | 18.8 | 15.2 | 22.8 |

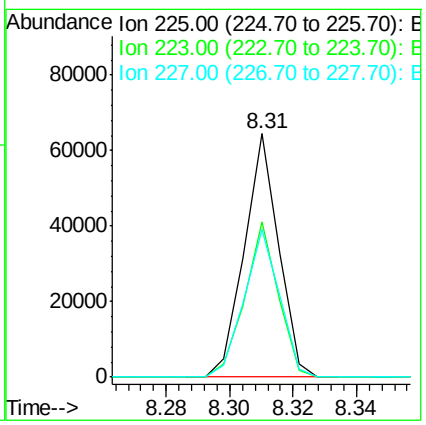


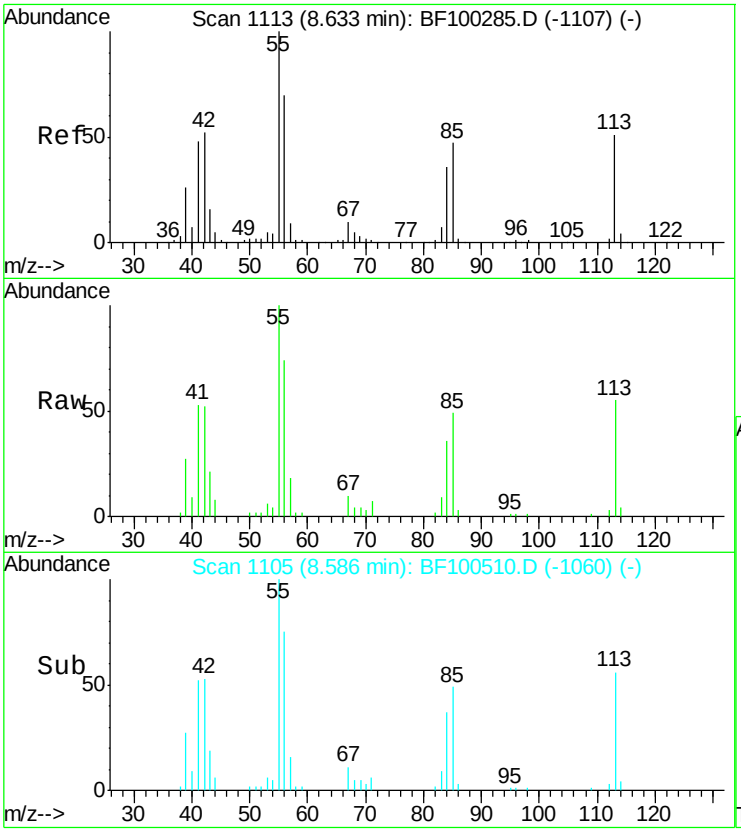




#34
Hexachlorobutadiene
Concen: 17.01 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:225 Resp: 48240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.0 | 50.6 | 76.0 |
| 227 | 60.7 | 51.9 | 77.9 |



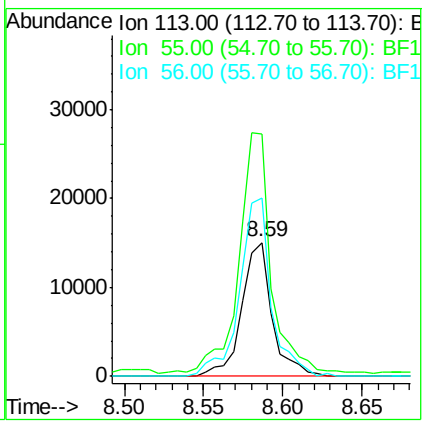


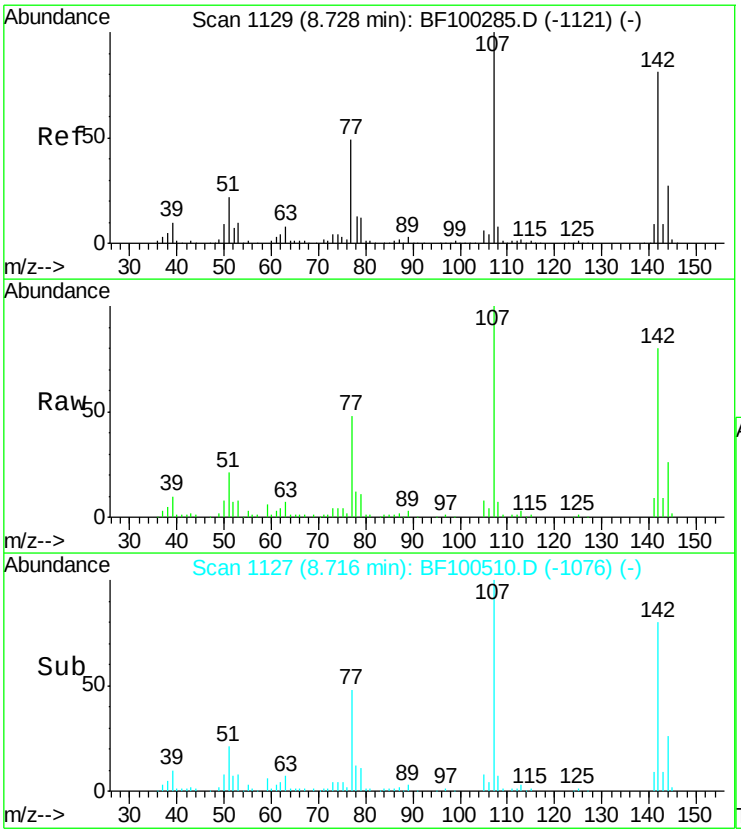

#35
Caprolactam
Concen: 13.23 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.04 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:113 Resp: 20017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 180.7 | 163.3 | 203.3 |
| 56 | 133.0 | 115.7 | 155.7 |

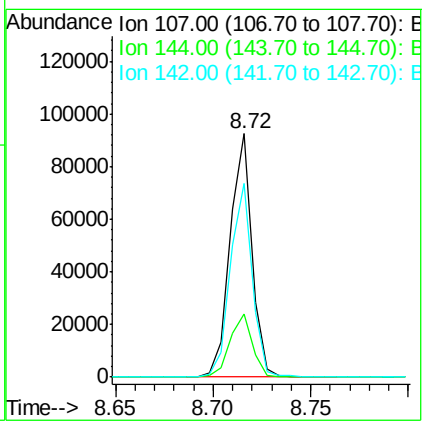


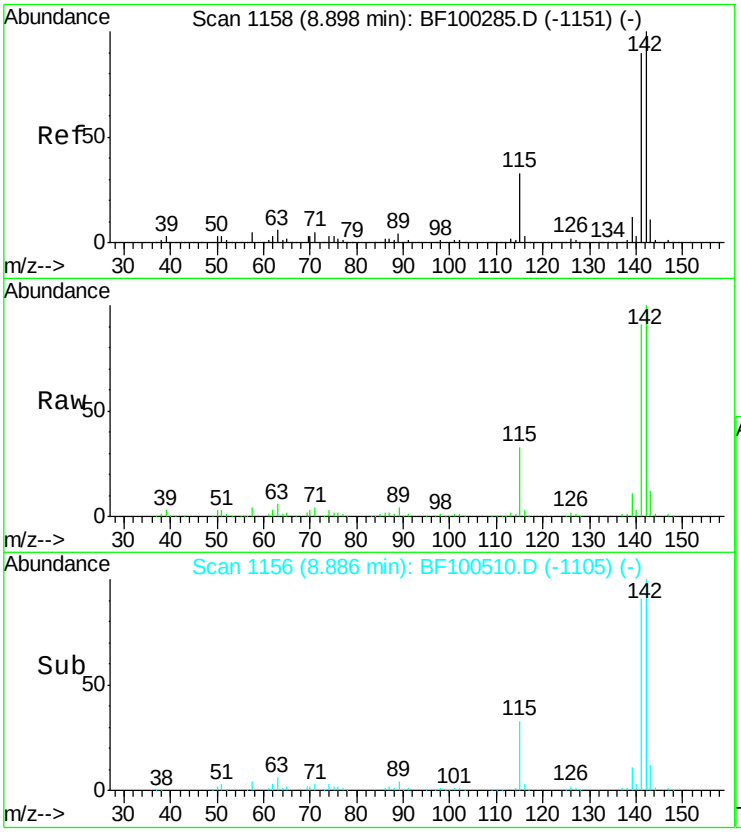




#36
4-Chloro-3-methylphenol
Concen: 15.22 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:107 Resp: 72078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.9 | 20.5 | 30.7 |
| 142 | 79.7 | 62.0 | 93.0 |



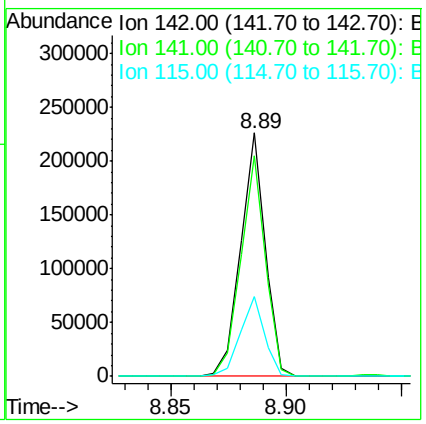


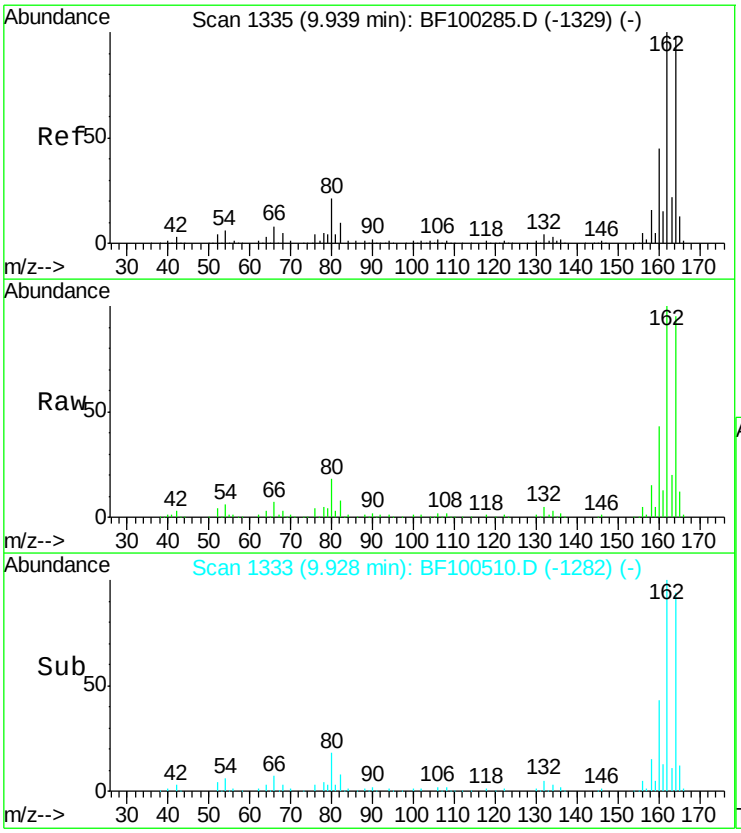

#37
2-Methylnaphthalene
Concen: 16.34 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:142 Resp: 169372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.7 | 70.8 | 106.2 |
| 115 | 33.0 | 26.1 | 39.1 |

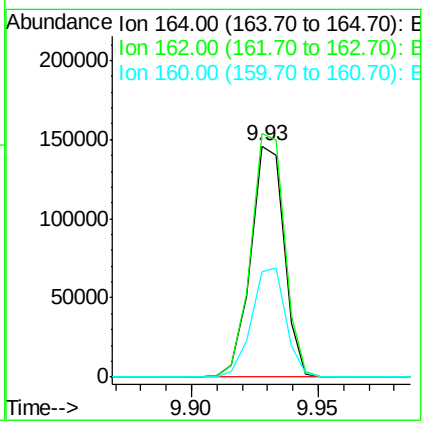


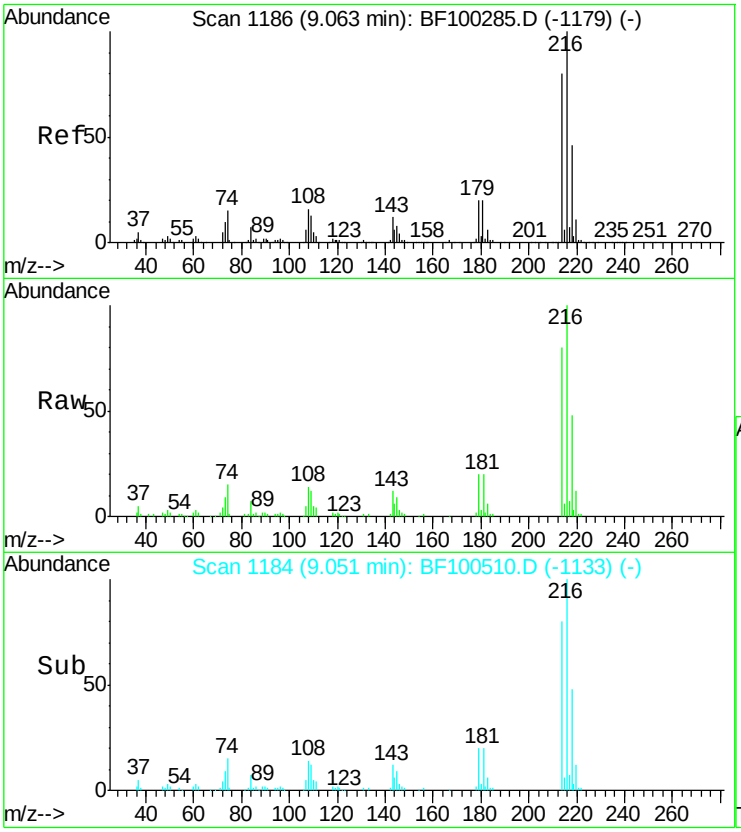




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:164 Resp: 134738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.4 | 86.1 | 129.1 |
| 160 | 45.8 | 38.3 | 57.5 |



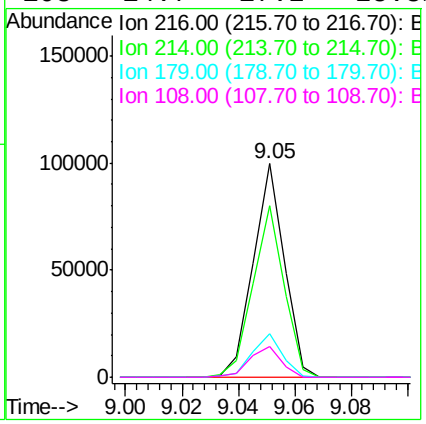


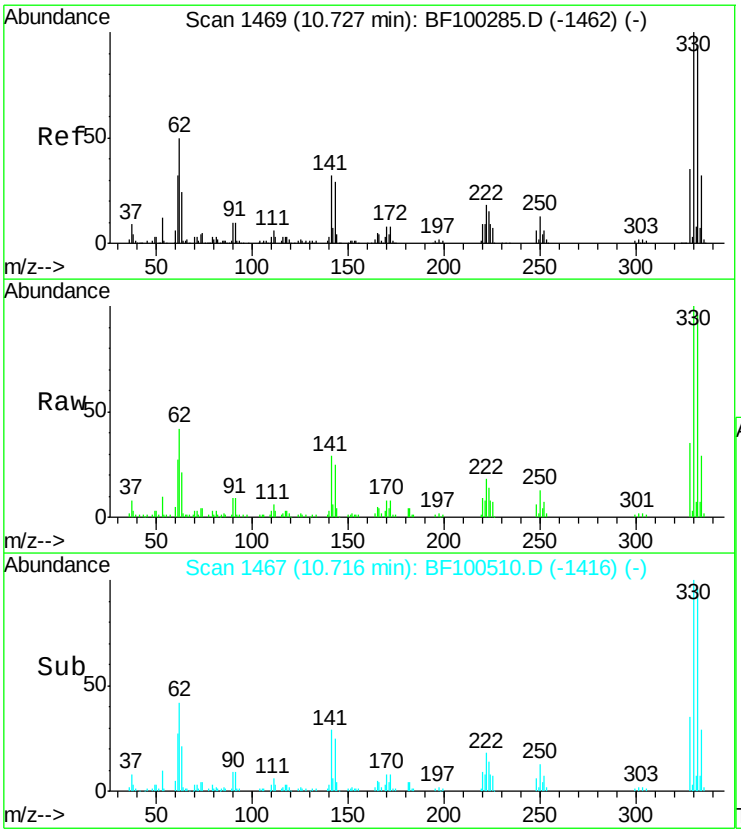

#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.09 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:216 Resp: 76377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.5 | 63.0 | 94.4 |
| 179 | 20.1 | 18.1 | 27.1 |
| 108 | 14.7 | 17.2 | 25.8# |

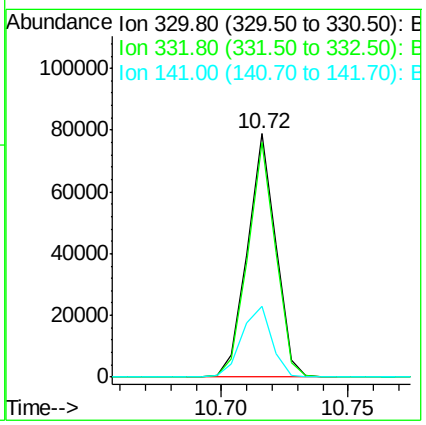


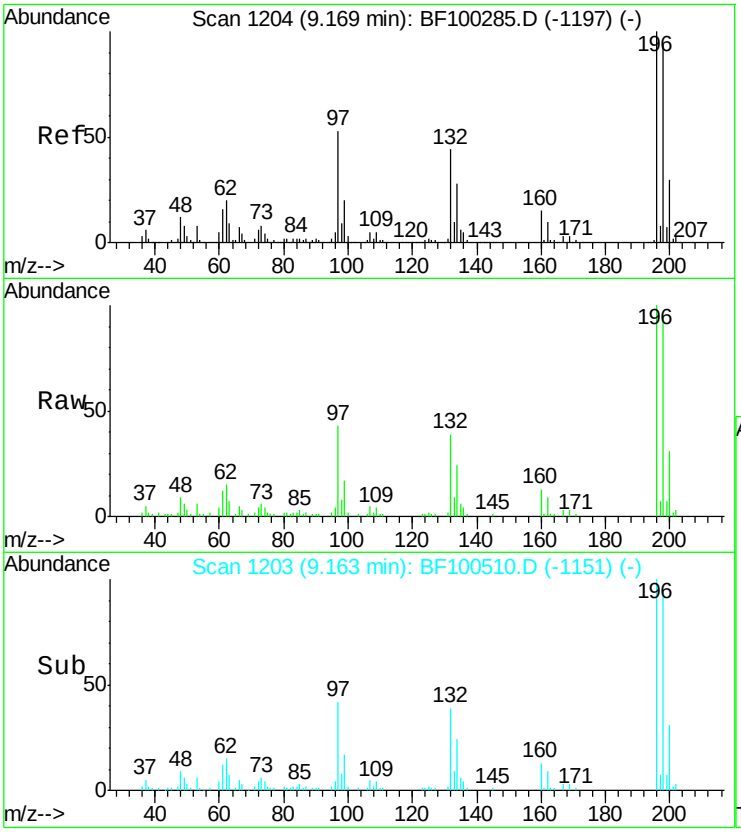




#41
2,4,6-Tribromophenol
Concen: 44.99 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:330 Resp: 61776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.4 | 77.0 | 115.6 |
| 141 | 30.6 | 29.9 | 44.9 |



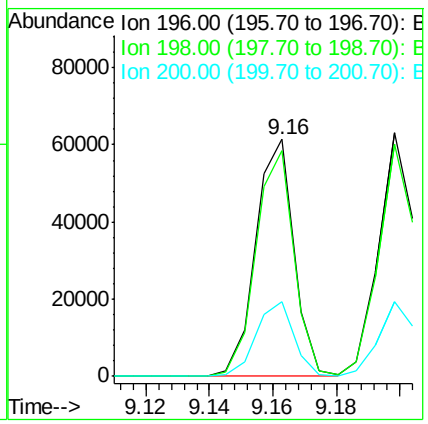


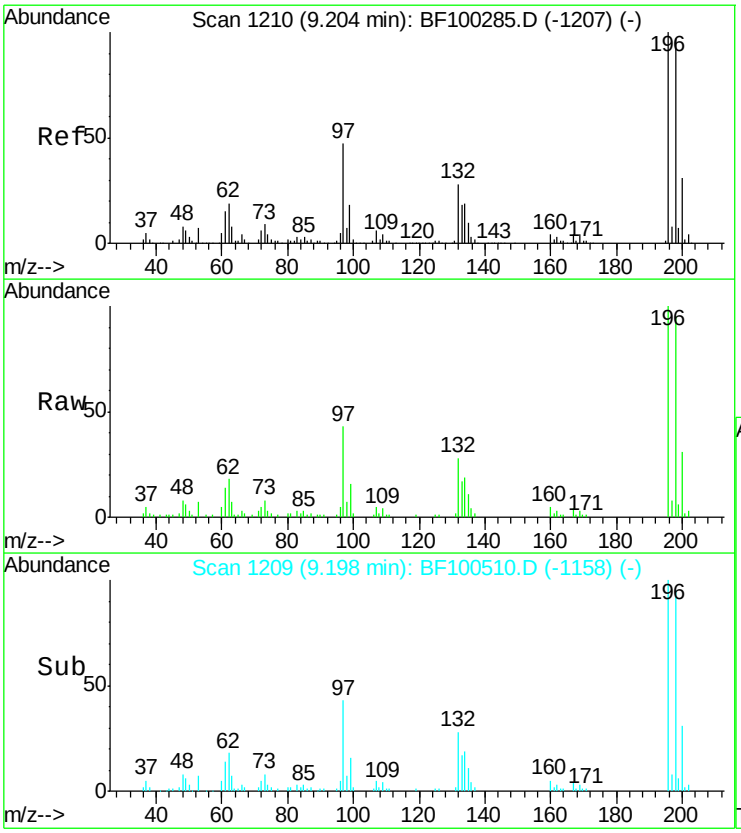

#42
2,4,6-Trichlorophenol
Concen: 18.15 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:196 Resp: 51395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.4 | 75.7 | 113.5 |
| 200 | 31.3 | 24.5 | 36.7 |

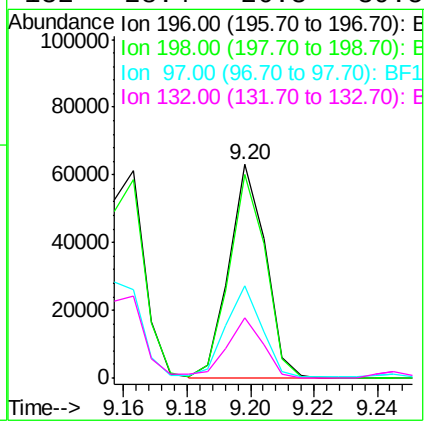


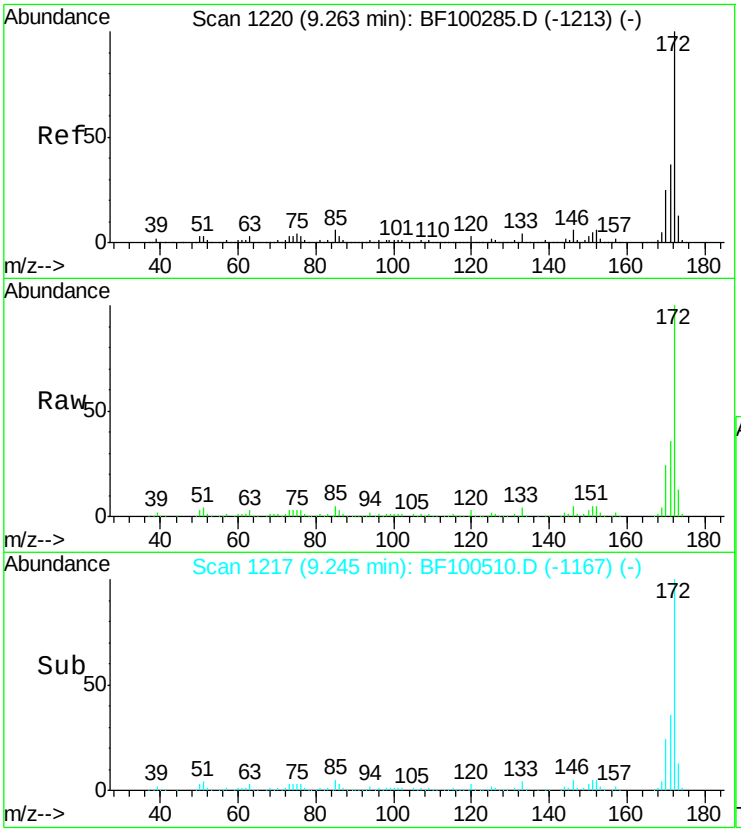




#43
2,4,5-Trichlorophenol
Concen: 17.06 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:196 Resp: 50049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.4 | 74.6 | 112.0 |
| 97 | 43.4 | 42.9 | 64.3 |
| 132 | 28.4 | 26.3 | 39.5 |



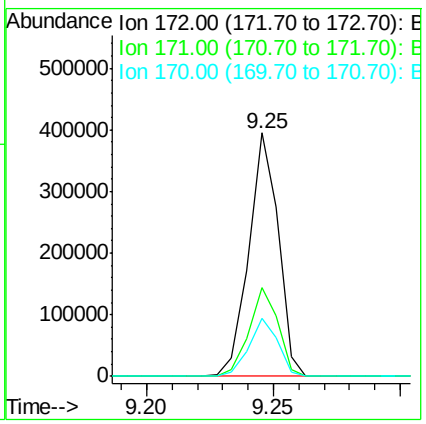


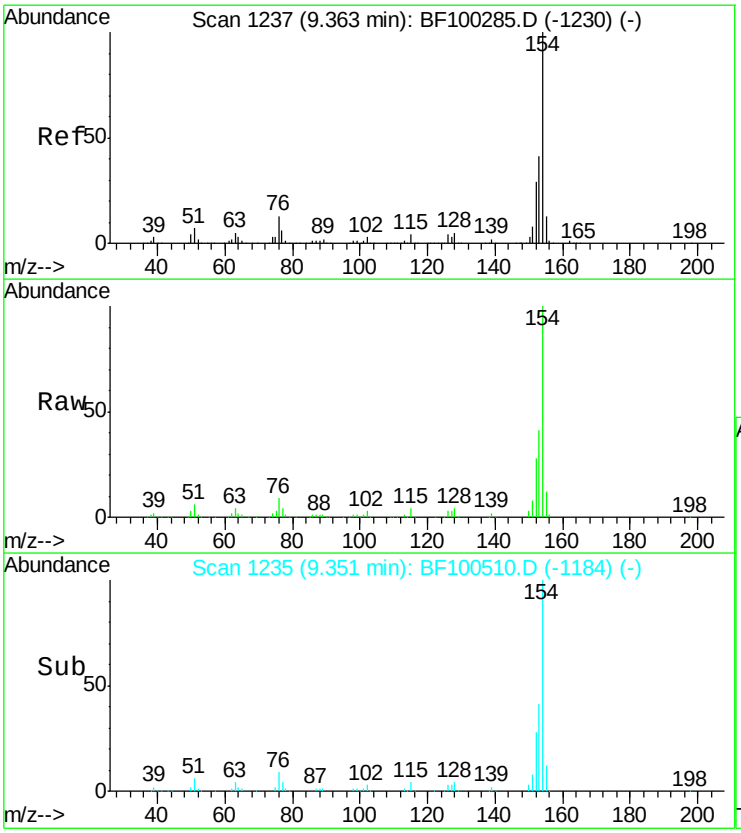

#44
2-Fluorobiphenyl
Concen:  36.12 ng
RT: 9.25 min  Scan# 1217
Delta R.T.  -0.01 min
Lab File:  BF100510.D
Acq: 13 Nov 2017  18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:172 Resp:  319598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 29.7 | 44.5 |
| 170 | 23.6 | 19.6 | 29.4 |

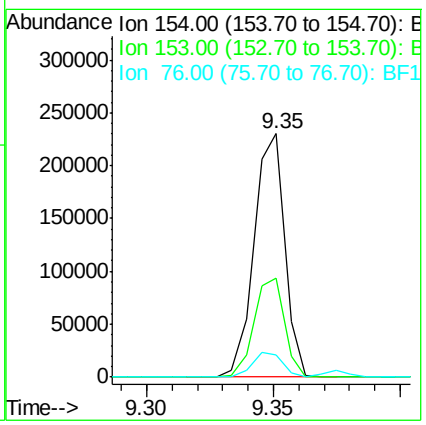


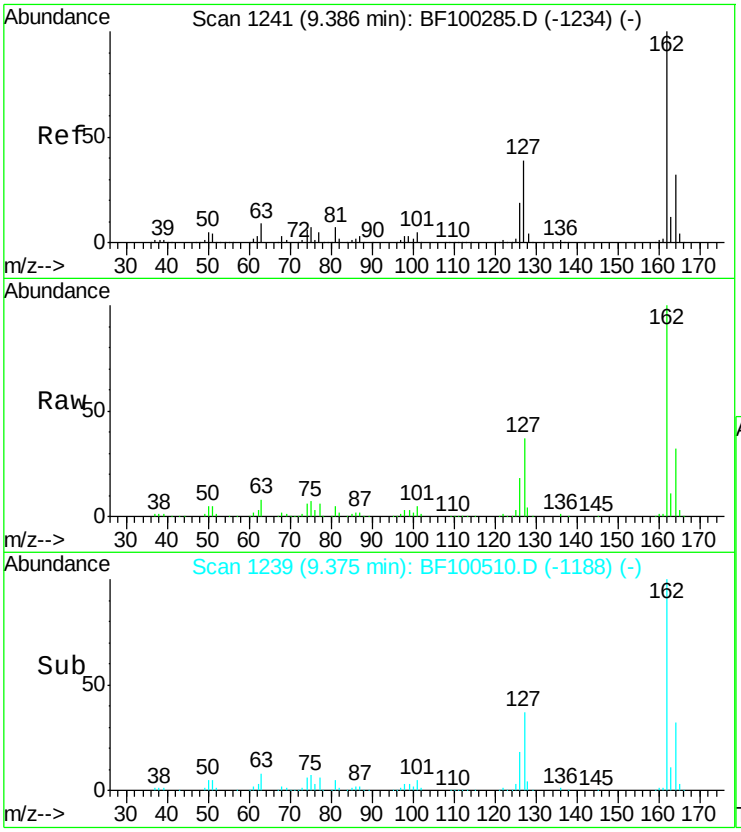




#45
1,1'-Biphenyl
Concen:  16.74 ng
RT: 9.35 min  Scan# 1235
Delta R.T.  0.00 min
Lab File:  BF100510.D
Acq: 13 Nov 2017  18:40

Tgt Ion:154 Resp:  195057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 21.3 | 61.3 |
| 76 | 9.0 | 0.0 | 34.0 |



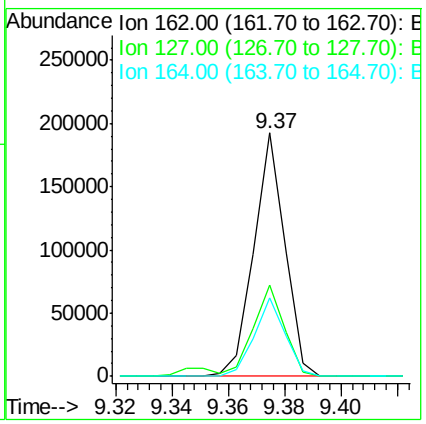


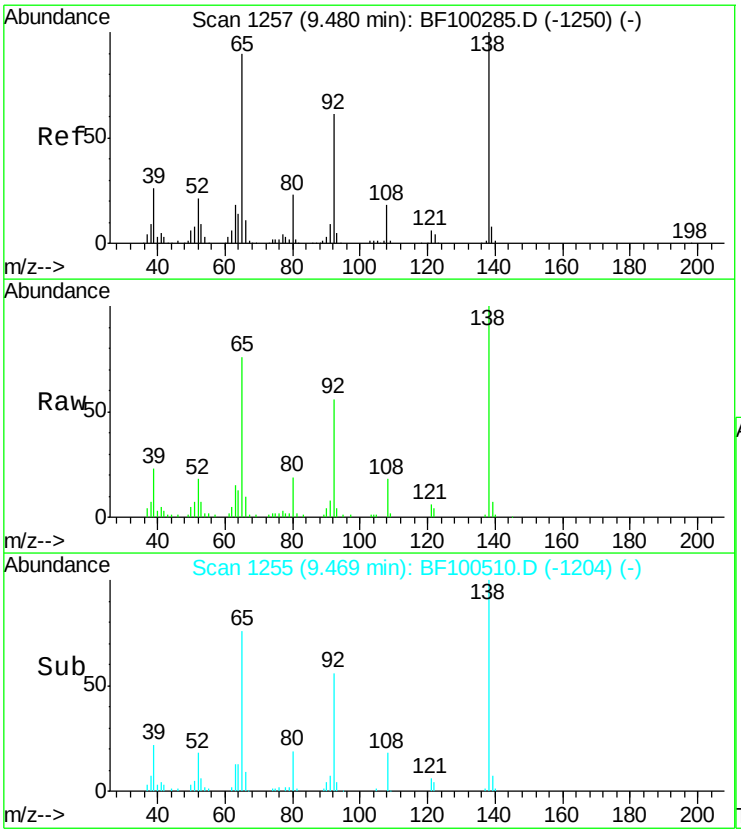

#46
2-Chloronaphthalene
Concen: 17.34 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:162 Resp: 146618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.4 | 33.9 | 50.9 |
| 164 | 32.4 | 26.5 | 39.7 |

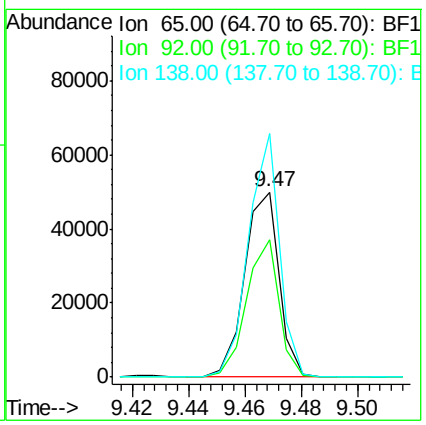


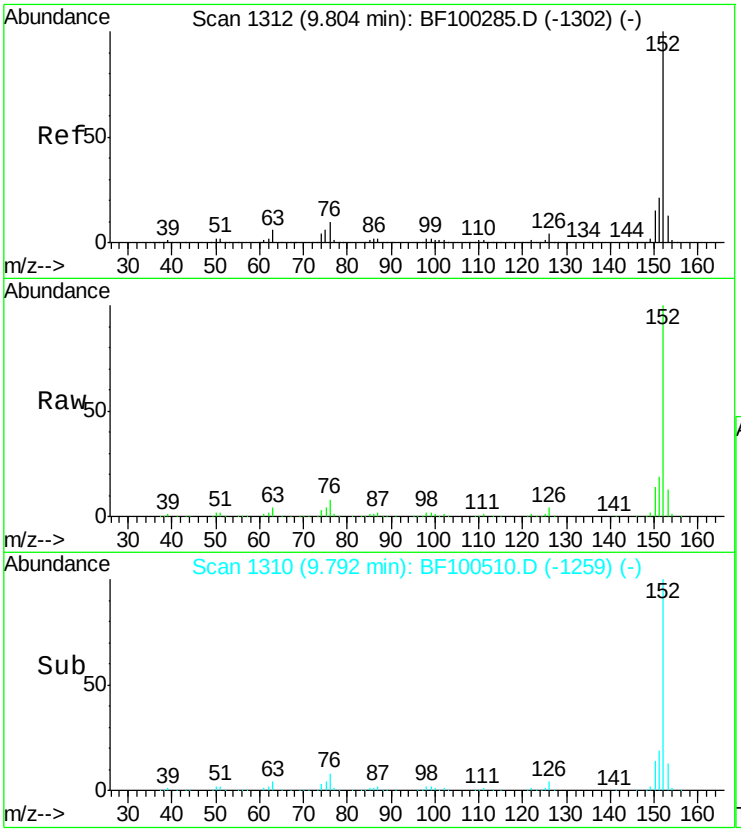




#47
2-Nitroaniline
Concen: 18.75 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion: 65 Resp: 42335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 74.0 | 55.8 | 83.6 |
| 138 | 131.6 | 91.2 | 136.8 |



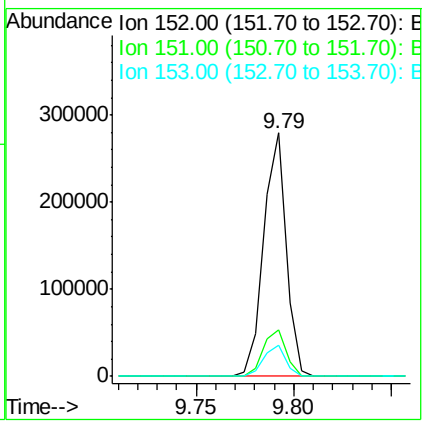


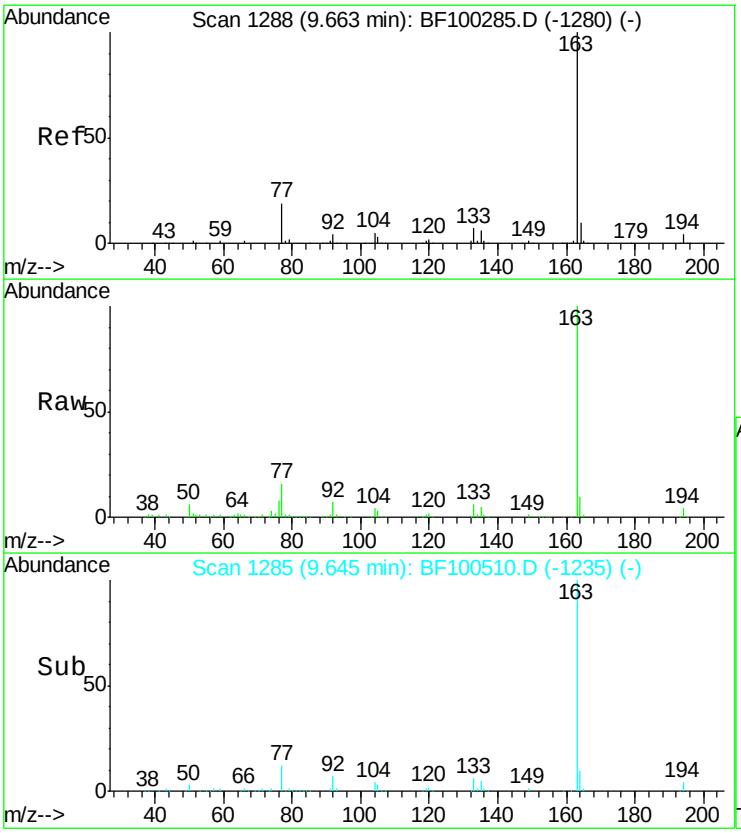

#48
Acenaphthylene
Concen: 15.97 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:152 Resp: 223767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 16.3 | 24.5 |
| 153 | 12.6 | 10.7 | 16.1 |

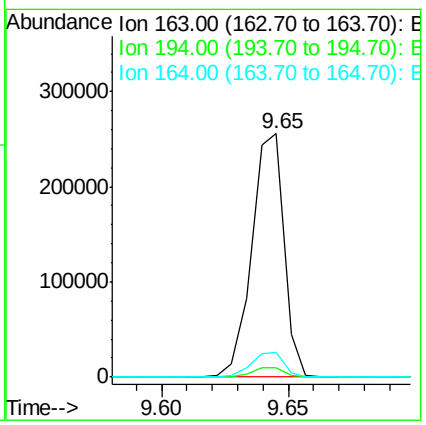


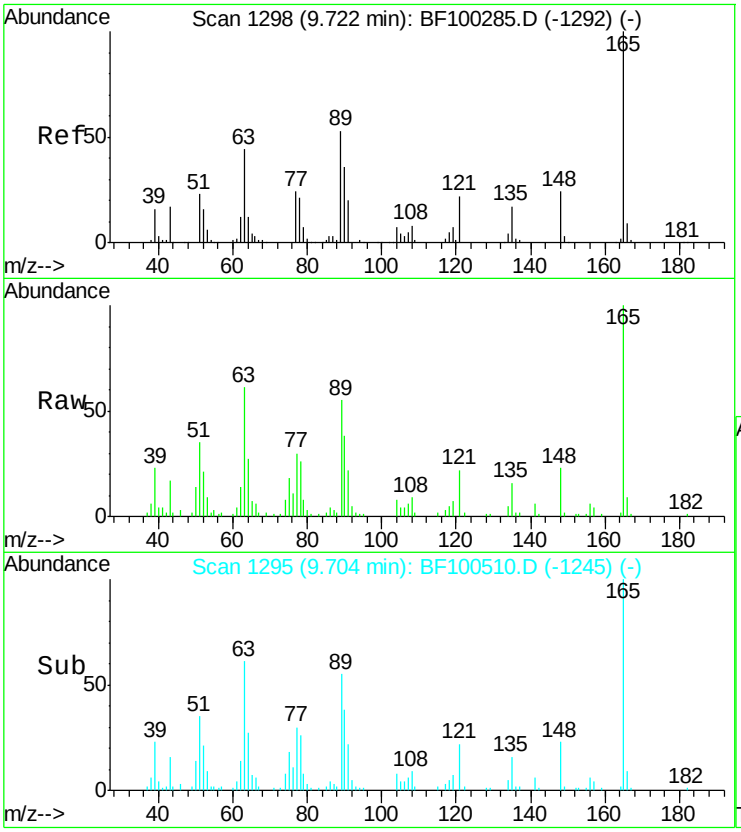




#49
Dimethylphthalate
Concen: 22.13 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:163 Resp: 227688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 9.9 | 8.2 | 12.2 |



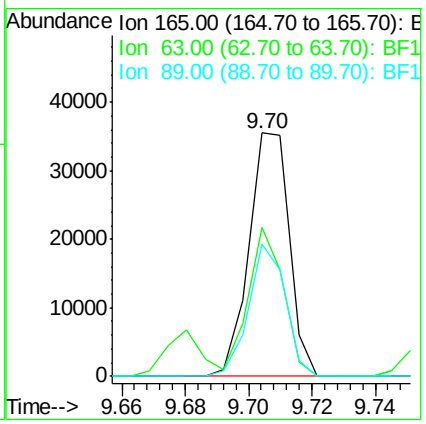


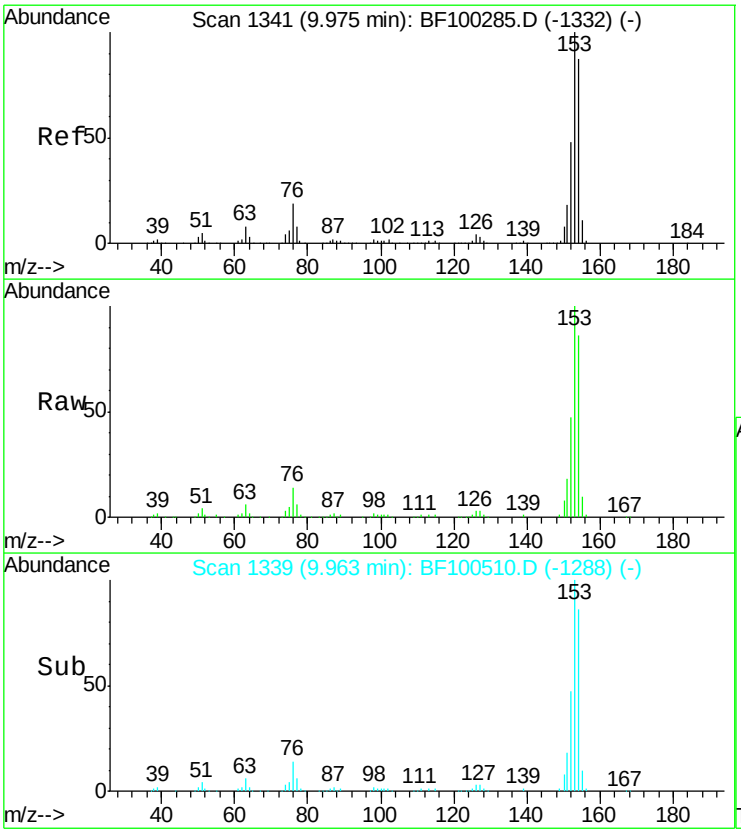

#50
2,6-Dinitrotoluene
Concen: 15.41 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:165 Resp: 31389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 61.3 | 44.7 | 67.1 |
| 89 | 54.5 | 44.0 | 66.0 |

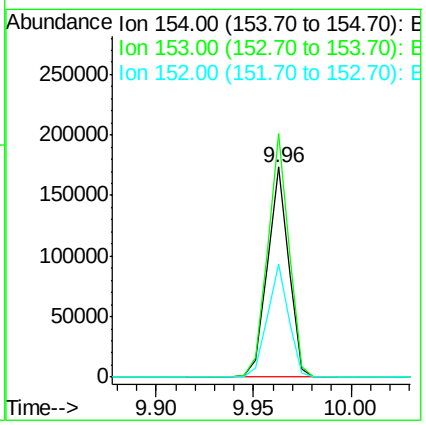


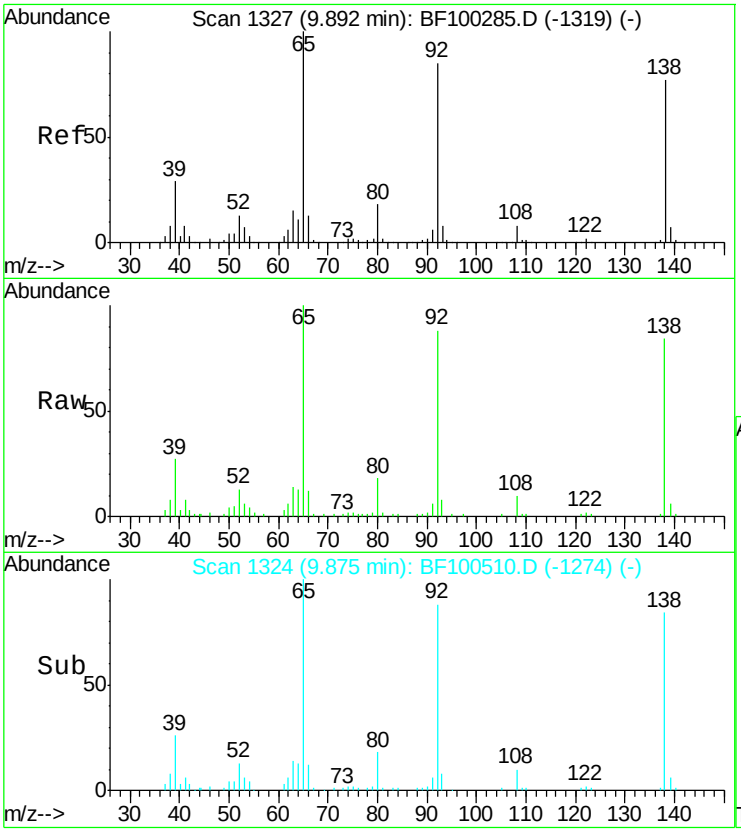




#51
Acenaphthene
Concen: 15.41 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:154 Resp: 131281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.8 | 91.2 | 136.8 |
| 152 | 53.9 | 43.8 | 65.8 |



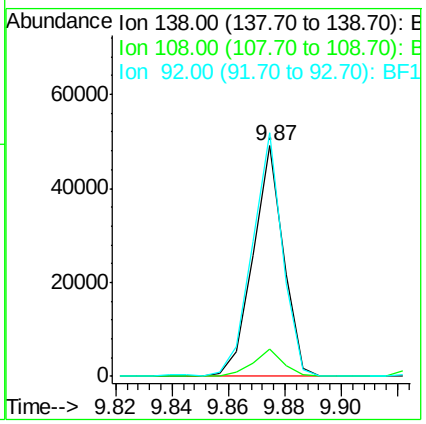


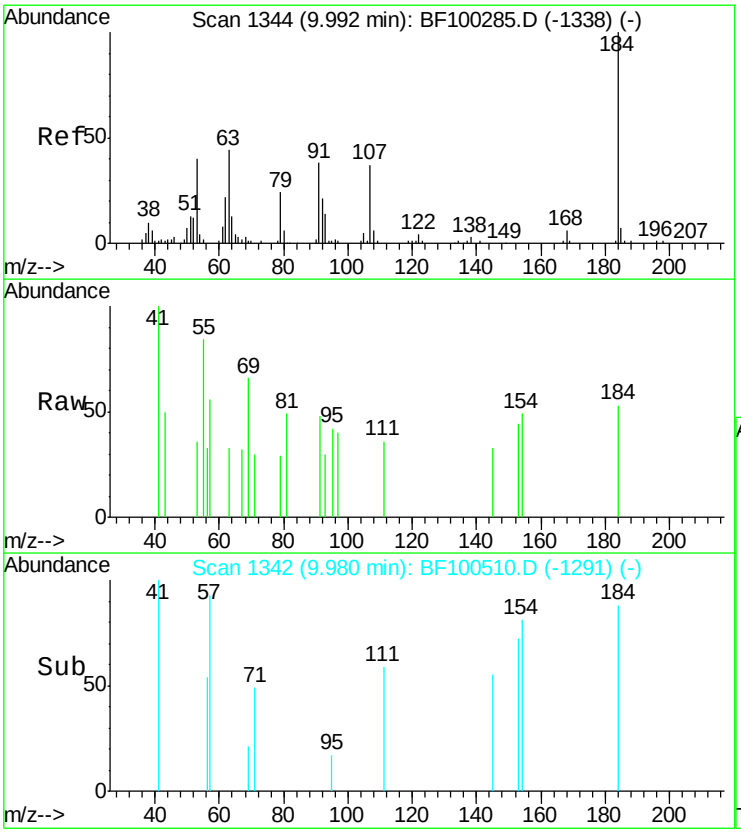

#52
3-Nitroaniline
Concen: 15.27 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:138 Resp: 36714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.7 | 9.4 | 14.0 |
| 92 | 105.6 | 89.4 | 134.2 |

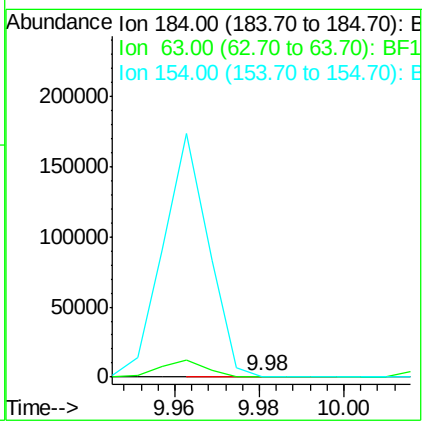


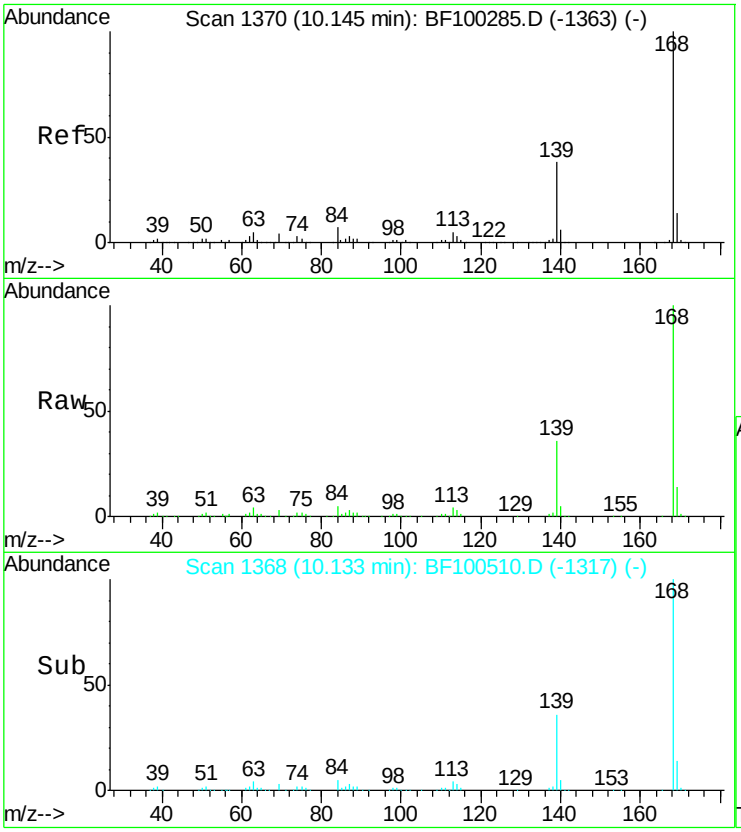




#53
2,4-Dinitrophenol
Concen: 8.52 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:184 Resp: 455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 62.8 | 54.2 | 81.2 |
| 154 | 91.9 | 184.0 | 276.0# |



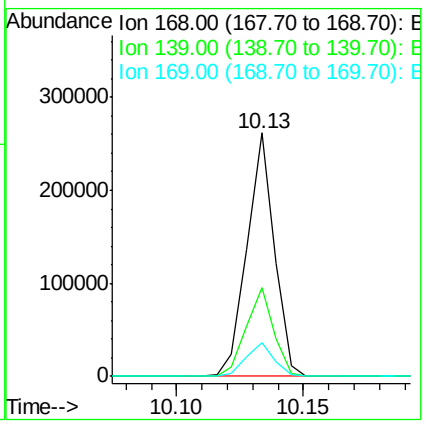


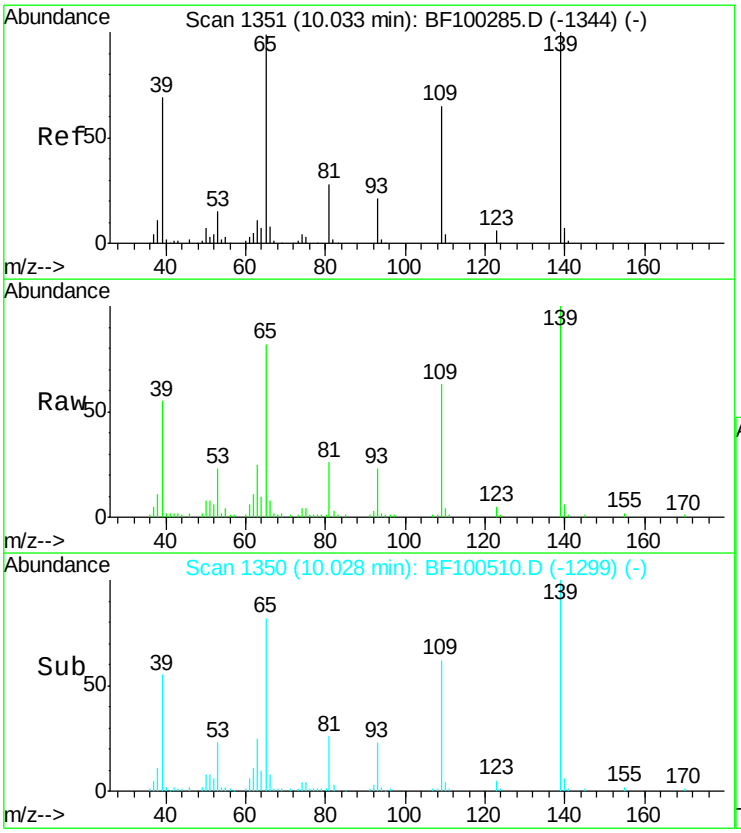

#54
Dibenzofuran
Concen: 16.49 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:168 Resp: 196911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 36.4 | 30.1 | 45.1 |
| 169 | 13.7 | 10.9 | 16.3 |

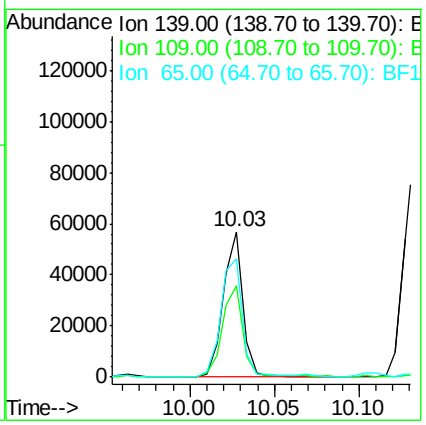


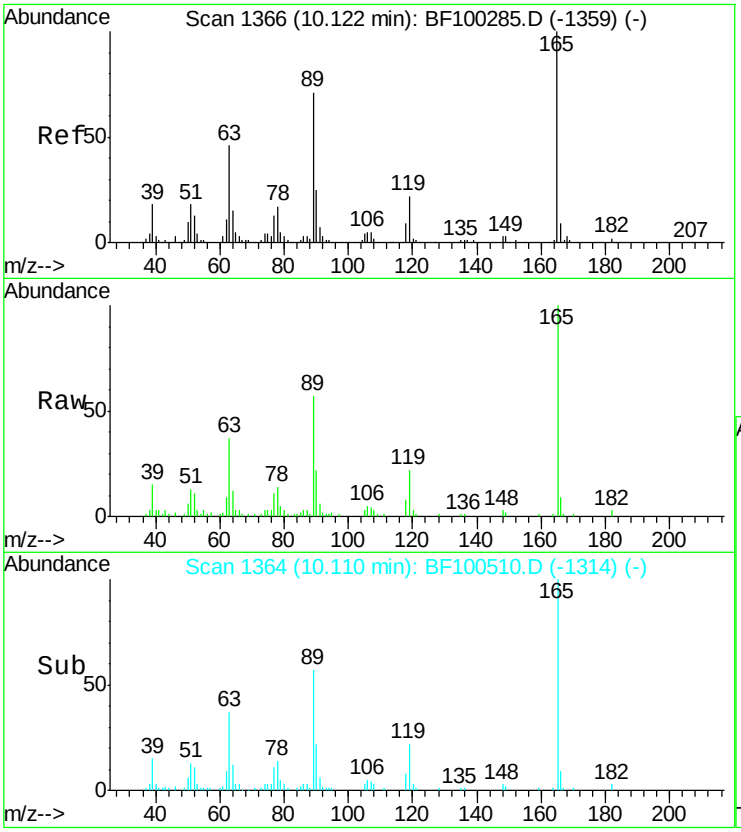




#55
4-Nitrophenol
Concen: 23.38 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:139 Resp: 45652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.5 | 48.4 | 88.4 |
| 65 | 81.6 | 72.6 | 112.6 |



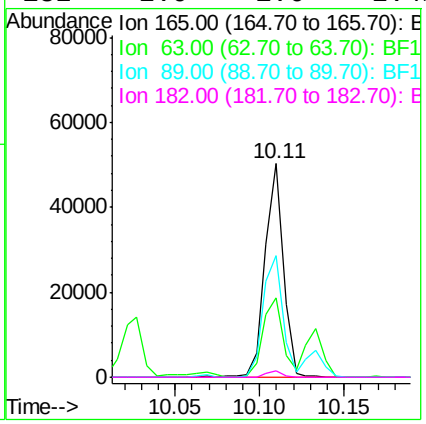


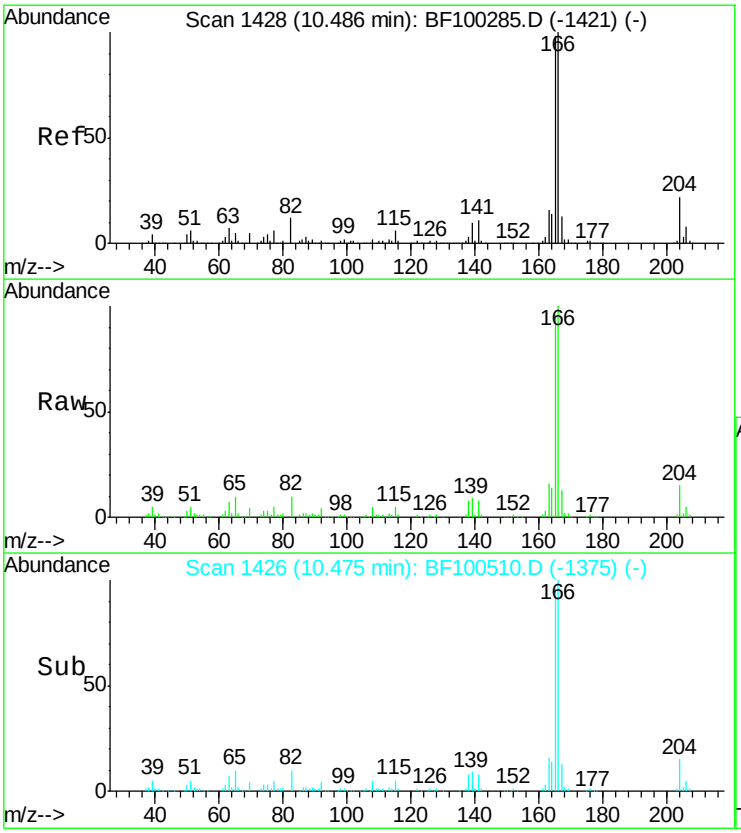

#56
2,4-Dinitrotoluene
Concen: 14.86 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:165 Resp: 38167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 37.4 | 36.4 | 54.6 |
| 89 | 56.7 | 57.8 | 86.6# |
| 182 | 2.9 | 1.6 | 2.4# |

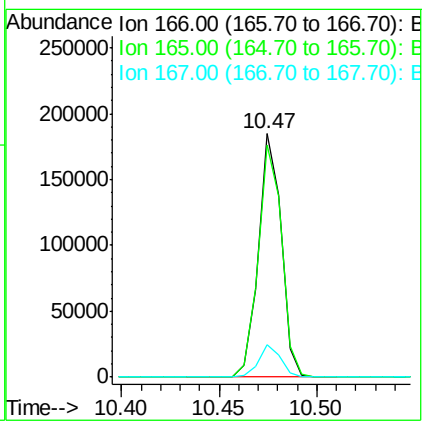


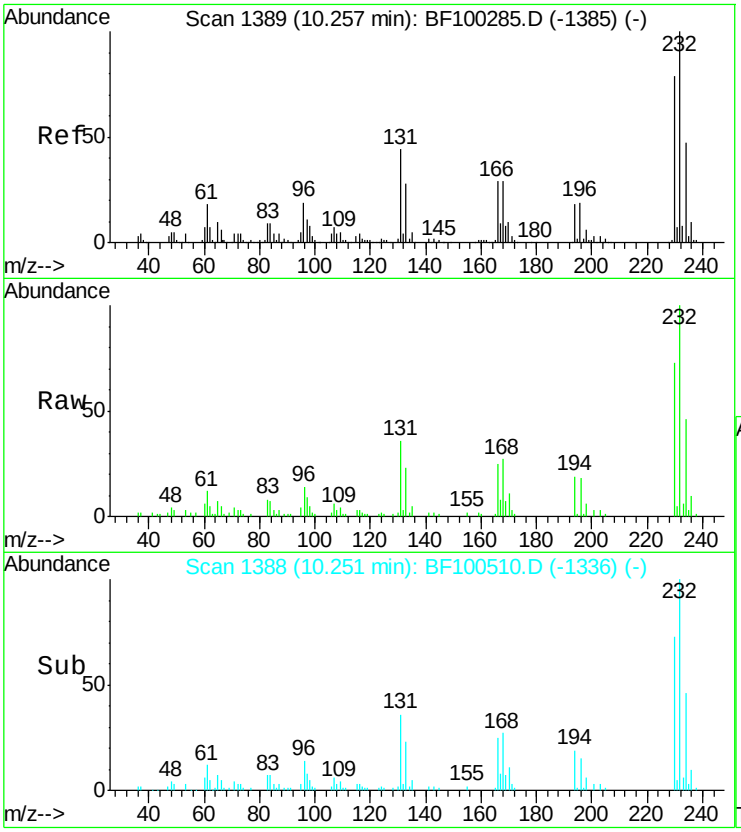




#57
Fluorene
Concen: 17.07 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:166 Resp: 149326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.5 | 79.8 | 119.8 |
| 167 | 13.2 | 10.6 | 16.0 |



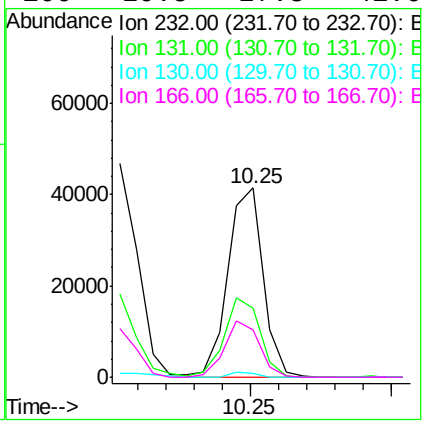


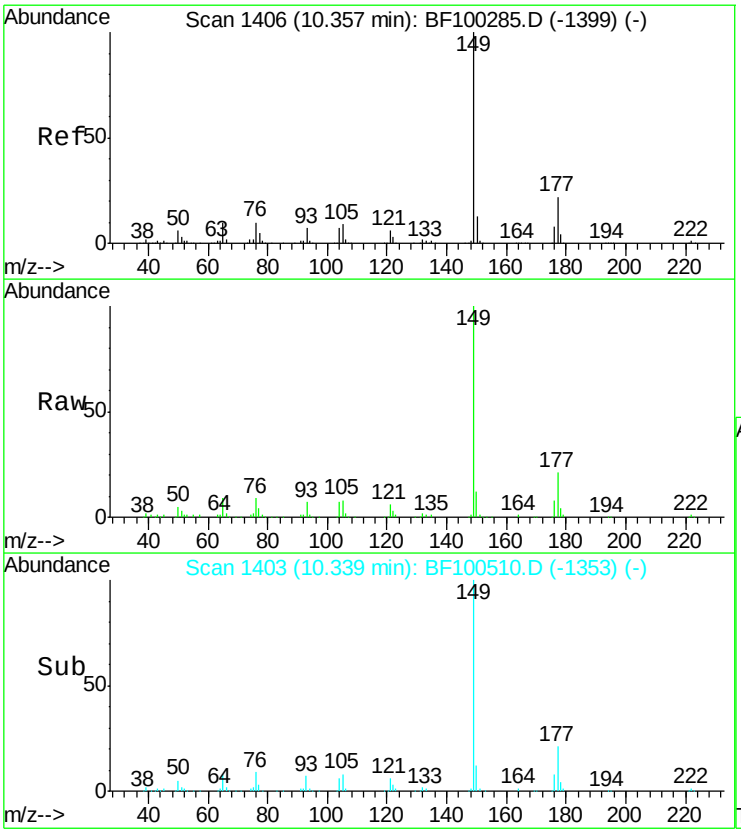

#58
2,3,4,6-Tetrachlorophenol
Concen: 14.95 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:232 Resp: 35947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.4 | 43.8 | 65.8# |
| 130 | 1.9 | 2.1 | 3.1# |
| 166 | 29.5 | 27.8 | 41.6 |

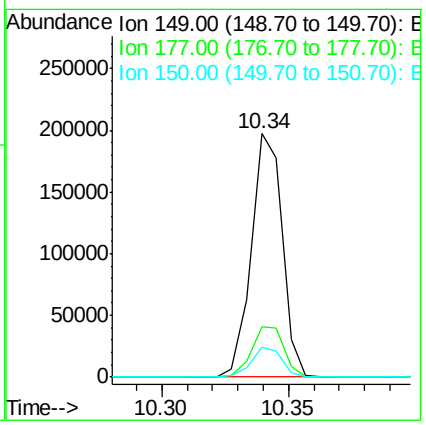


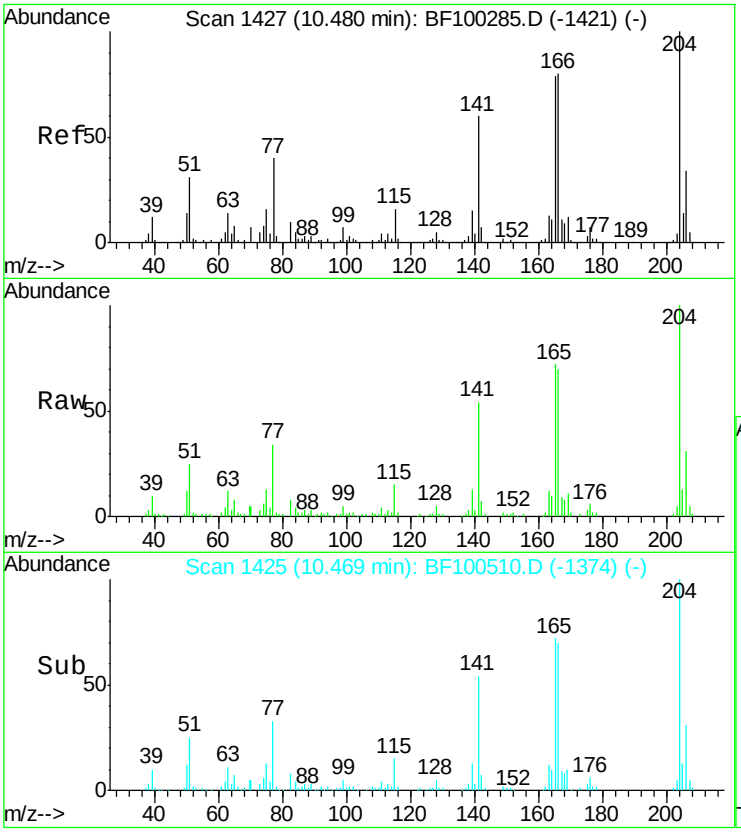




#59
Diethylphthalate
Concen: 16.36 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:149 Resp: 168454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.9 | 16.1 | 24.1 |
| 150 | 12.3 | 10.1 | 15.1 |



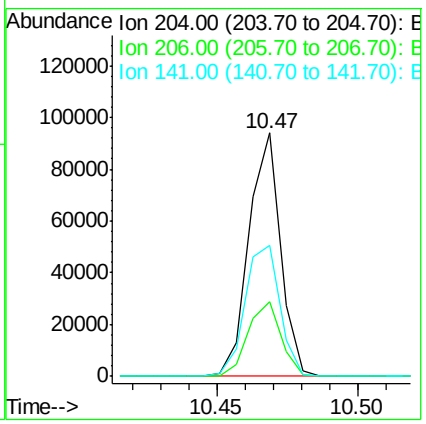


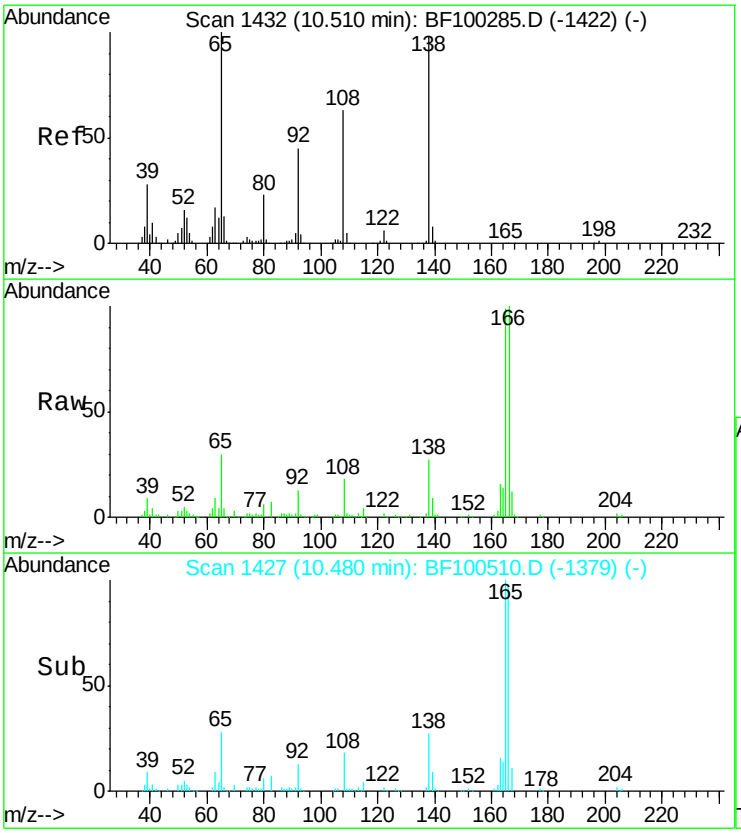

#60
4-Chlorophenyl-phenylether
Concen: 17.04 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:204 Resp: 73135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 30.8 | 26.5 | 39.7 |
| 141 | 53.7 | 54.6 | 81.8# |

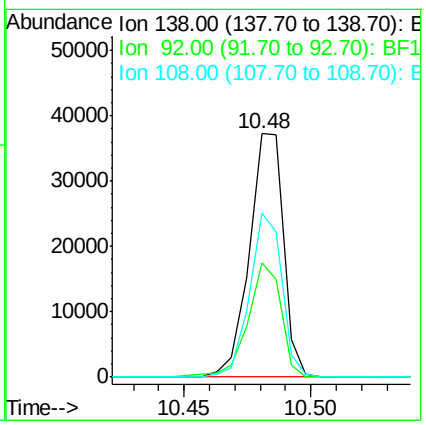


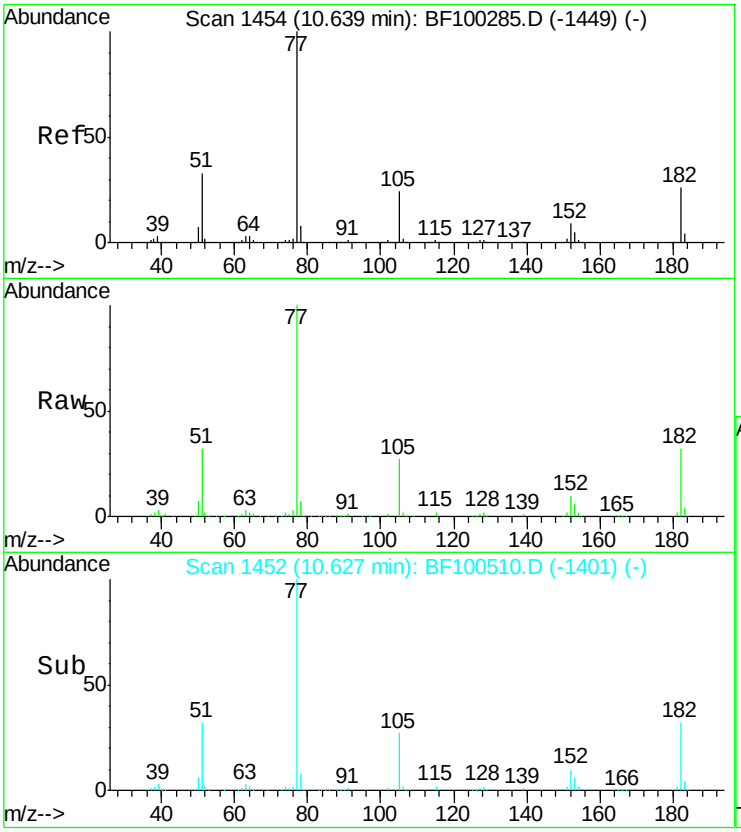




#61
4-Nitroaniline
Concen: 15.39 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:138 Resp: 35098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.8 | 30.2 | 70.2 |
| 108 | 67.4 | 52.5 | 92.5 |



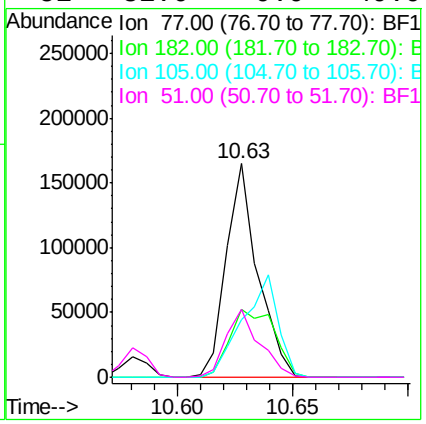


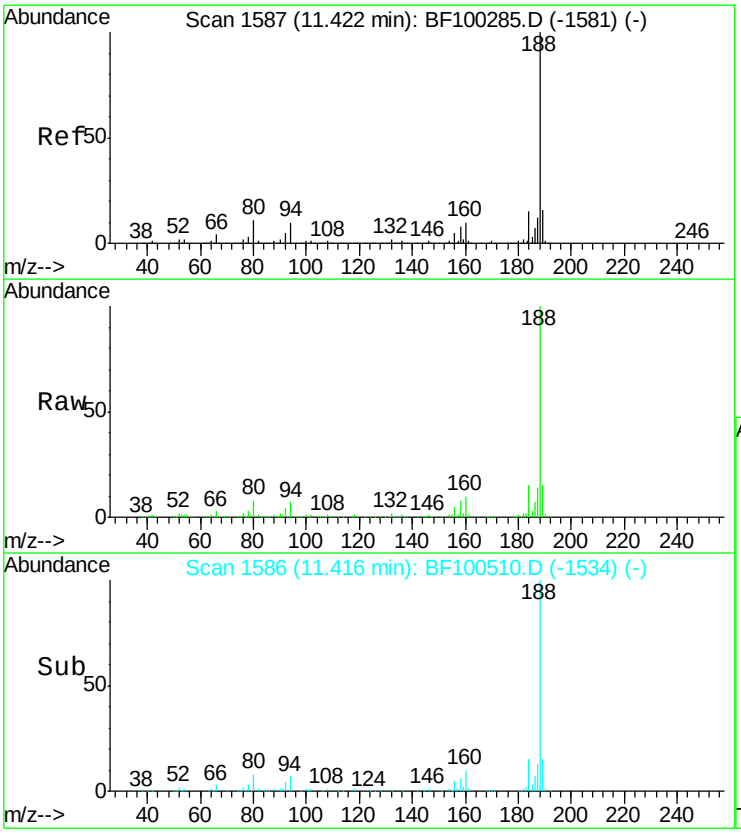

#62
Azobenzene
Concen: 16.26 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion: 77 Resp: 157637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.9 | 1.7 | 41.7 |
| 105 | 26.9 | 3.0 | 43.0 |
| 51 | 31.6 | 9.9 | 49.9 |

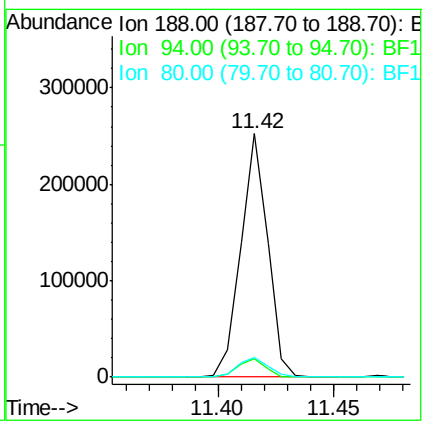


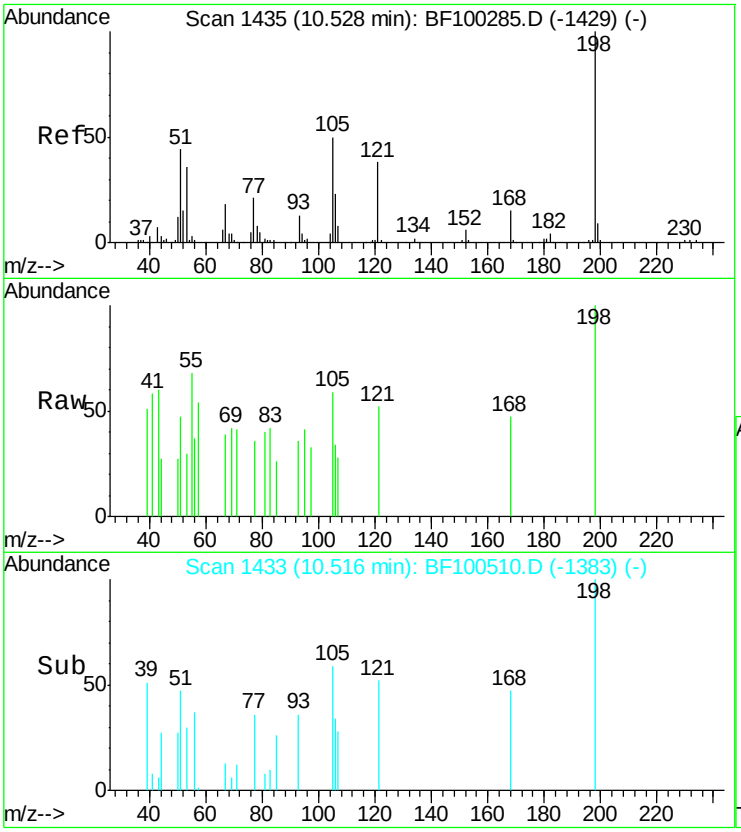




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:188 Resp: 205418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.3 | 8.5 | 12.7# |
| 80 | 8.1 | 9.2 | 13.8# |



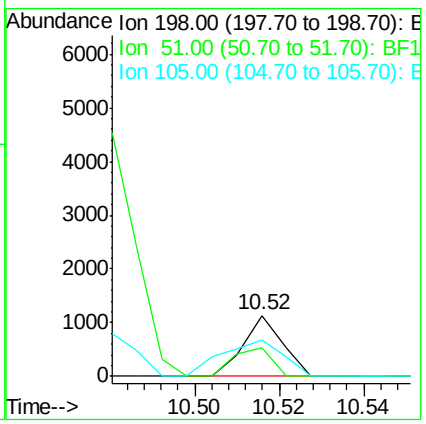


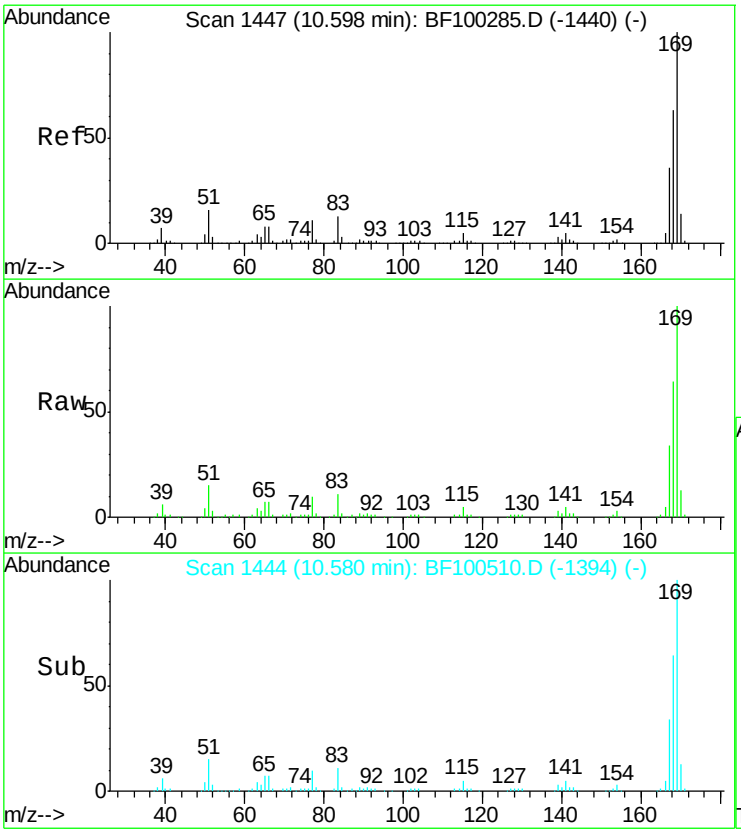

#64
4,6-Dinitro-2-methylphenol
Concen: 9.14 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:198 Resp: 724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 47.0 | 37.7 | 77.7 |
| 105 | 59.1 | 36.3 | 76.3 |

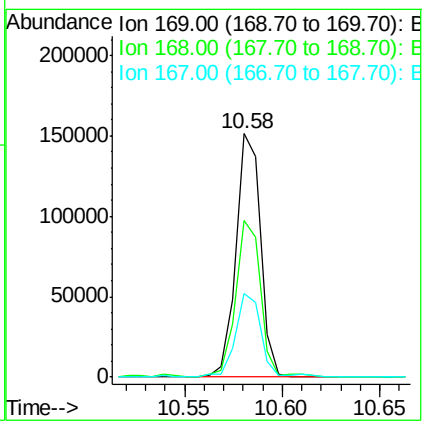


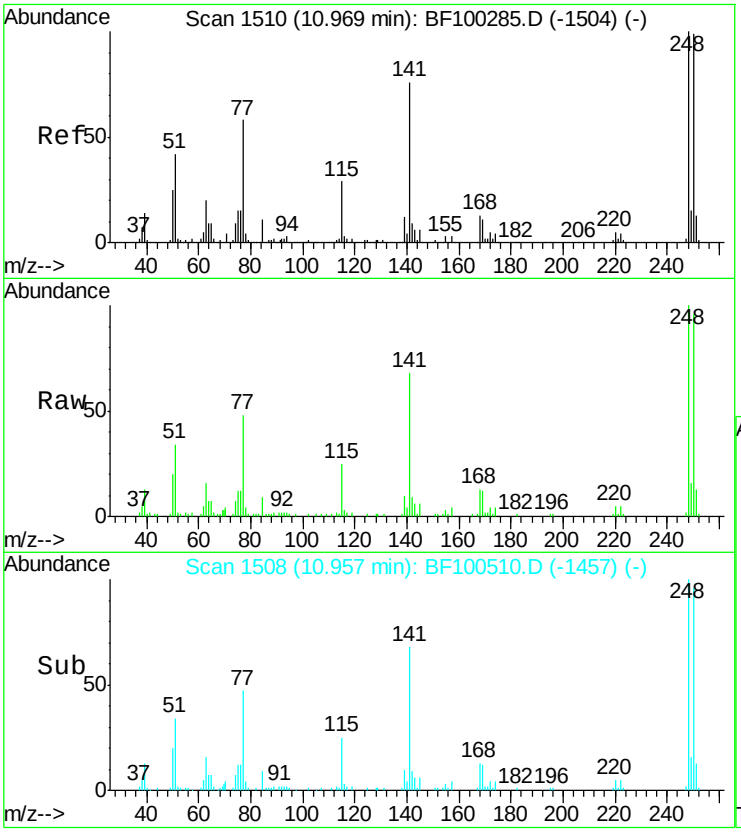




#65
n-Nitrosodiphenylamine
Concen: 18.48 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:169 Resp: 131960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 64.2 | 54.4 | 81.6 |
| 167 | 34.3 | 29.8 | 44.6 |



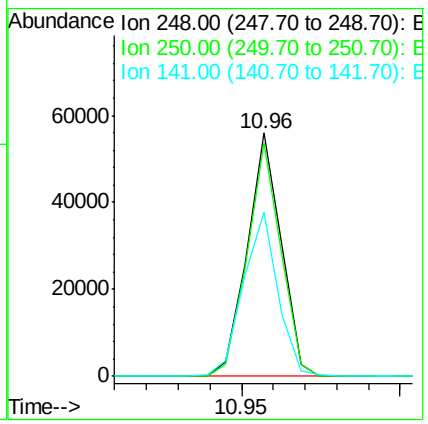


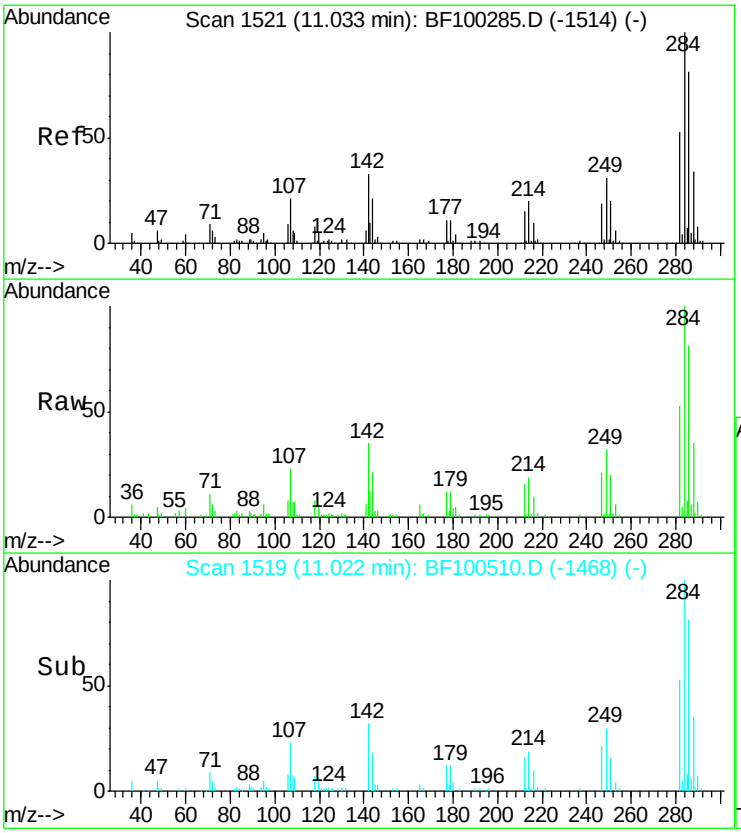

#66
4-Bromophenyl-phenylether
Concen: 18.81 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:248 Resp: 41410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.0 | 76.9 | 115.3 |
| 141 | 67.5 | 74.4 | 111.6# |

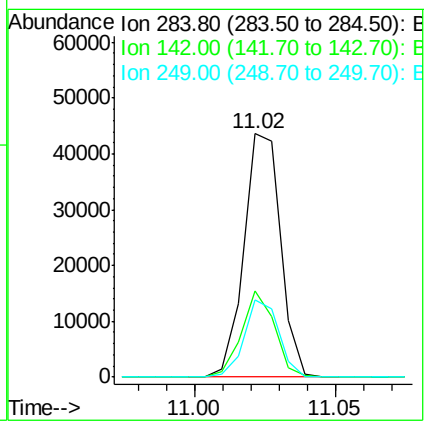


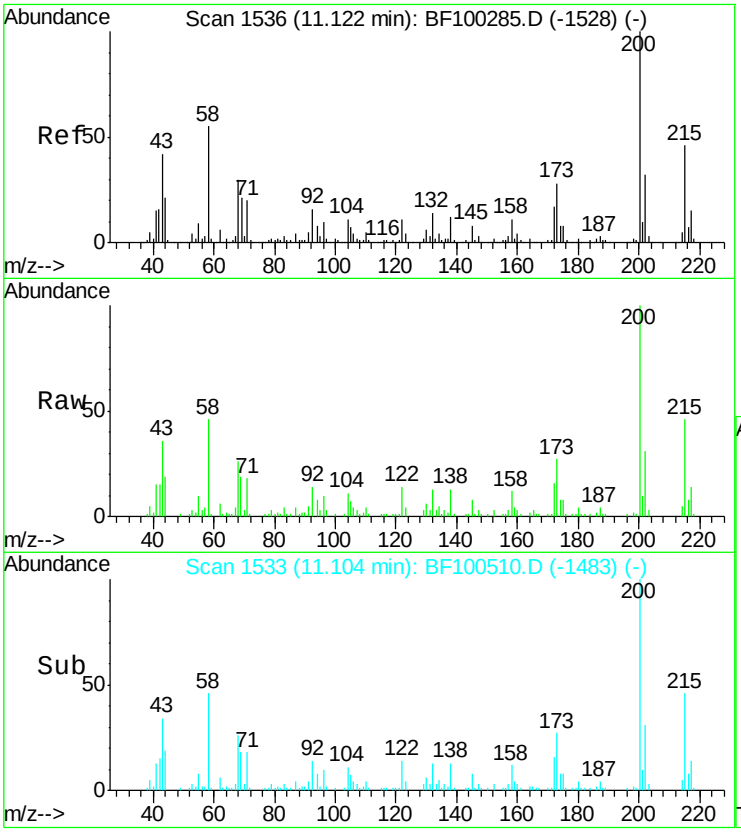




#67
Hexachlorobenzene
Concen: 17.03 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:284 Resp: 39232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.2 | 34.6 | 52.0 |
| 249 | 31.5 | 24.8 | 37.2 |



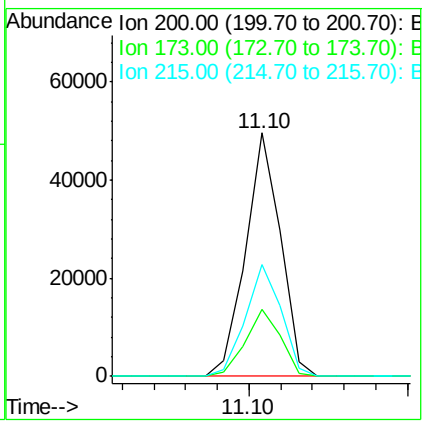


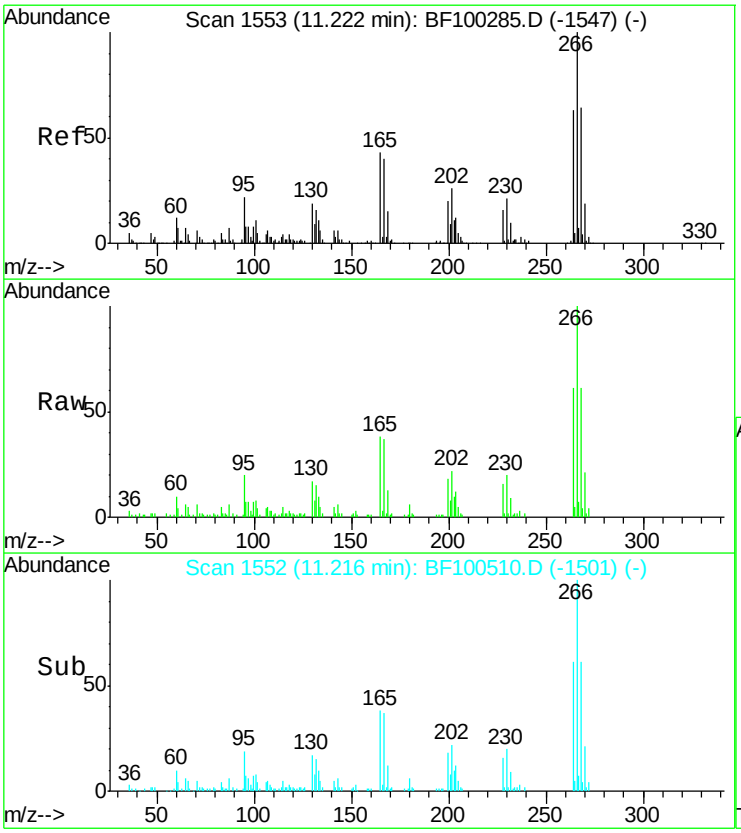

#68
Atrazine
Concen: 17.48 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:200 Resp: 37801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.5 | 8.6 | 48.6 |
| 215 | 45.9 | 25.1 | 65.1 |

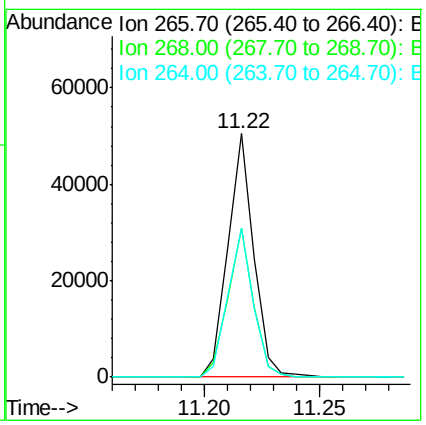


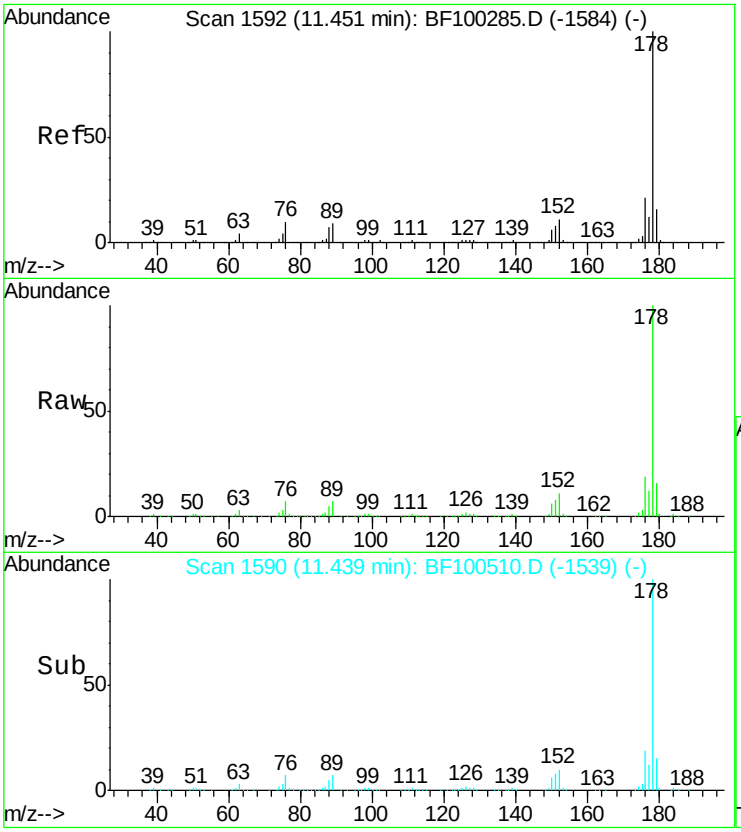




#69
Pentachlorophenol
Concen: 23.74 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:266 Resp: 39210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.1 | 51.1 | 76.7 |
| 264 | 61.2 | 49.5 | 74.3 |



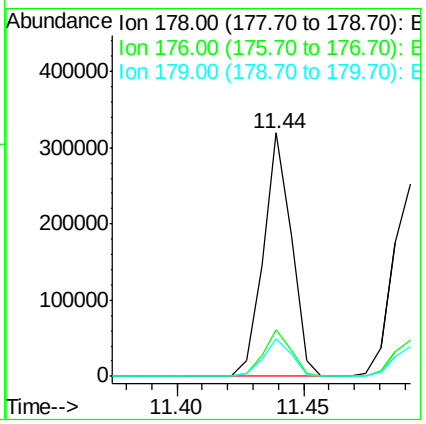


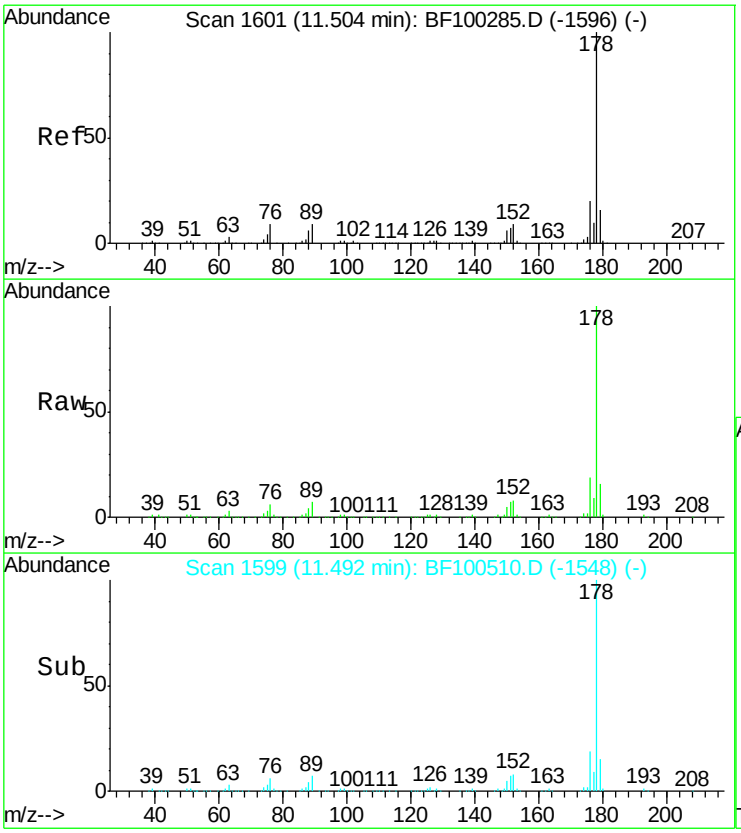

#70
Phenanthrene
Concen: 22.68 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:178 Resp: 245295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.8 | 23.8 |
| 179 | 15.6 | 13.0 | 19.6 |

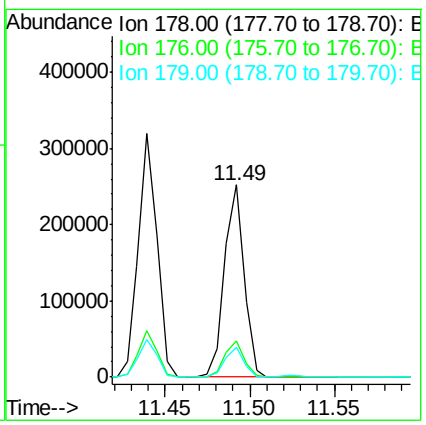


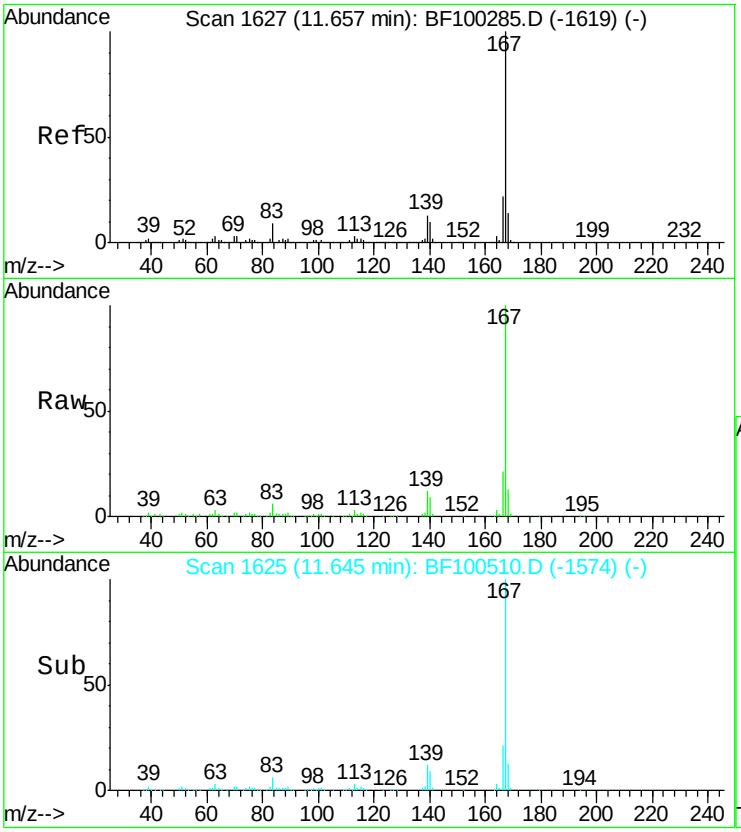




#71
Anthracene
Concen: 18.51 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:178 Resp: 203110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.4 | 23.2 |
| 179 | 15.7 | 12.6 | 19.0 |



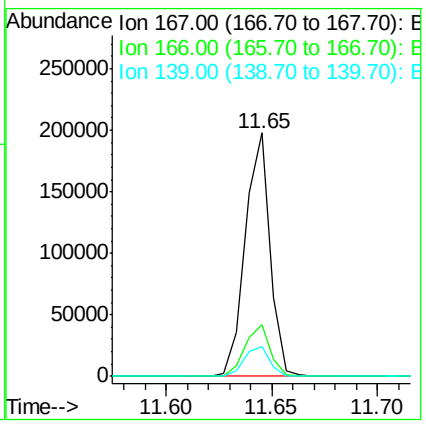


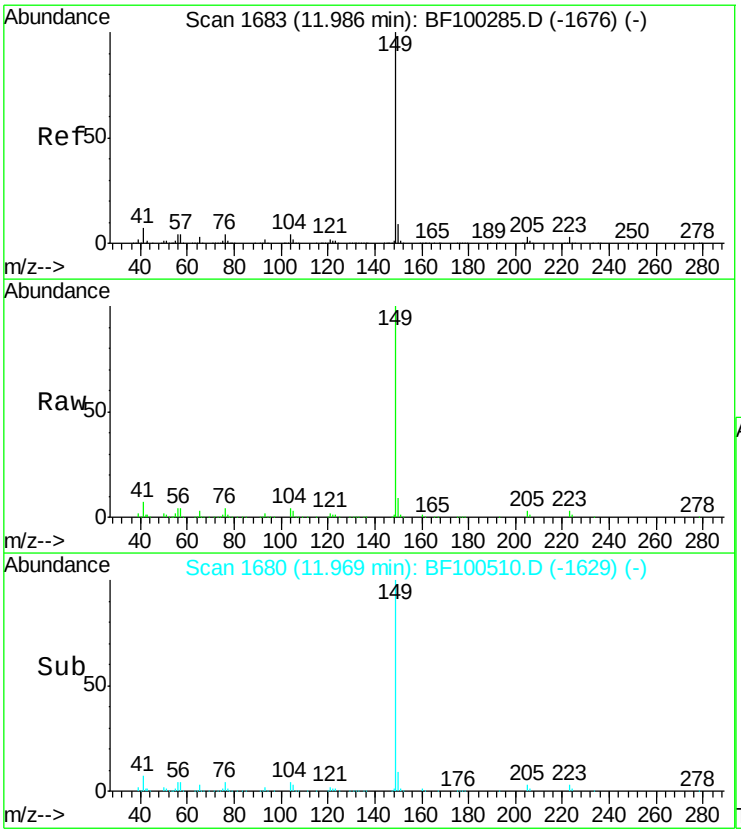

#72
Carbazole
Concen: 15.87 ng
RT: 11.65 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:167 Resp: 160683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.4 | 17.6 | 26.4 |
| 139 | 12.5 | 10.9 | 16.3 |

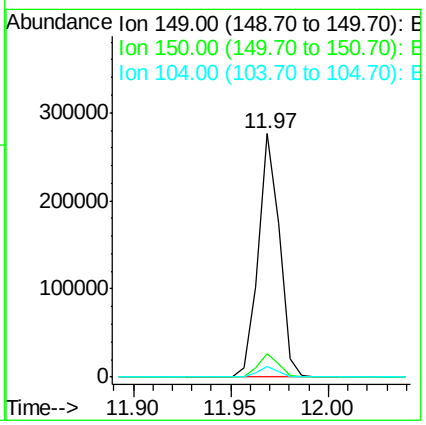


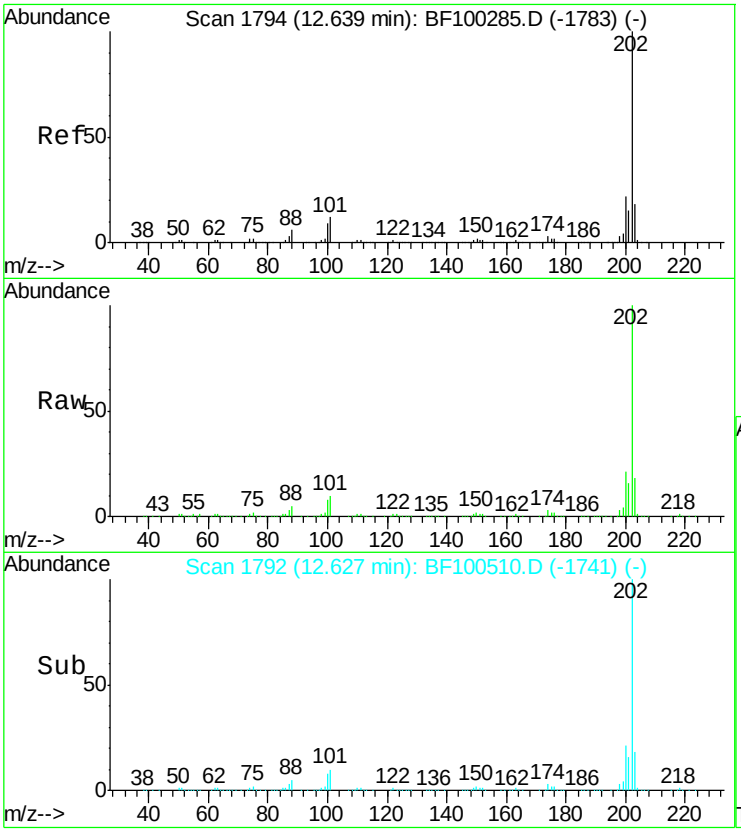




#73
Di-n-butylphthalate
Concen: 17.50 ng
RT: 11.97 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:149 Resp: 207332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.8 | 11.6 |
| 104 | 4.1 | 3.8 | 5.8 |



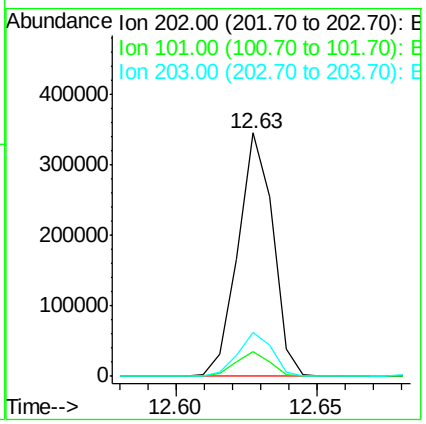


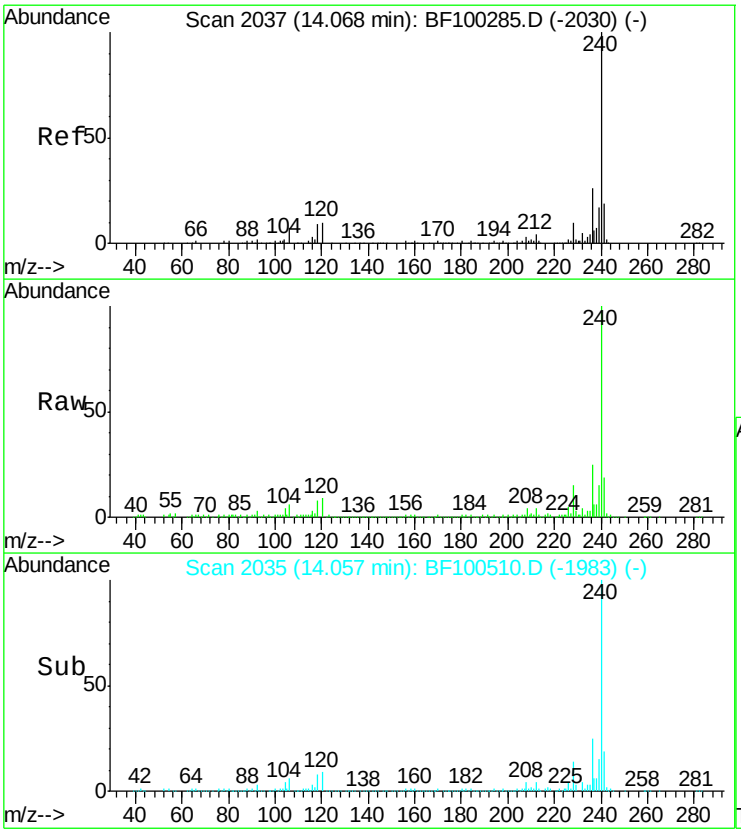

#74
Fluoranthene
Concen: 25.82 ng
RT: 12.63 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:202 Resp: 295938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.1 | 0.0 | 34.1 |
| 203 | 17.9 | 0.0 | 38.1 |

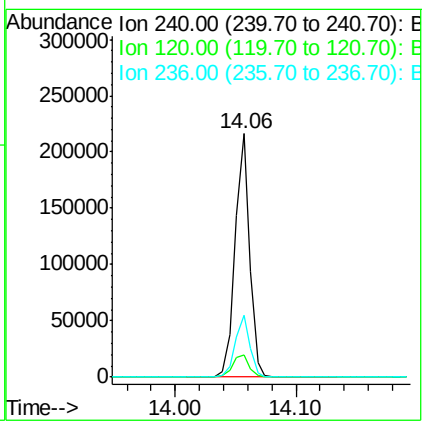


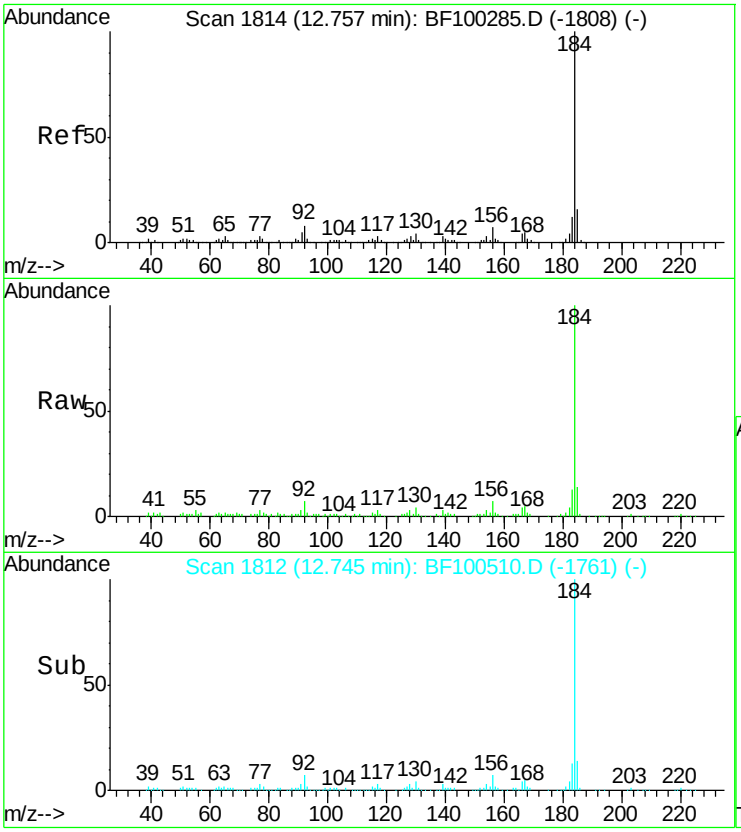




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:240 Resp: 183107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.2 | 9.5 | 14.3# |
| 236 | 25.3 | 20.7 | 31.1 |



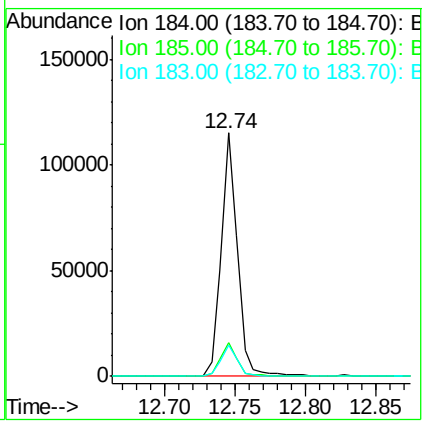


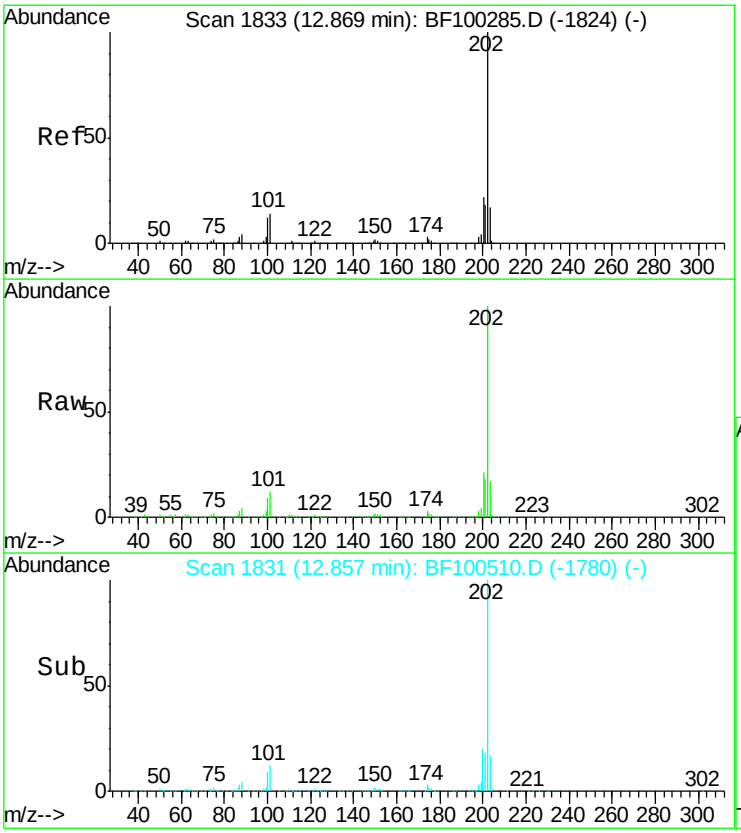

#76
Benzidine
Concen: 12.65 ng
RT: 12.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:184 Resp: 92767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.7 | 12.6 | 18.8 |
| 183 | 12.6 | 9.3 | 13.9 |

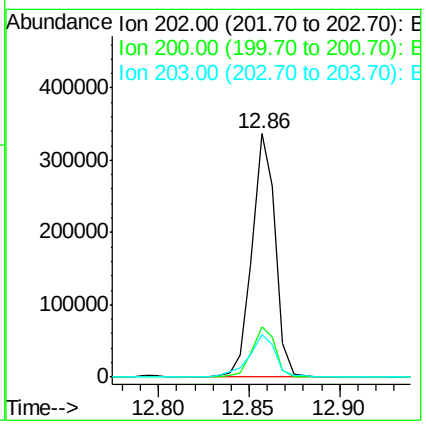


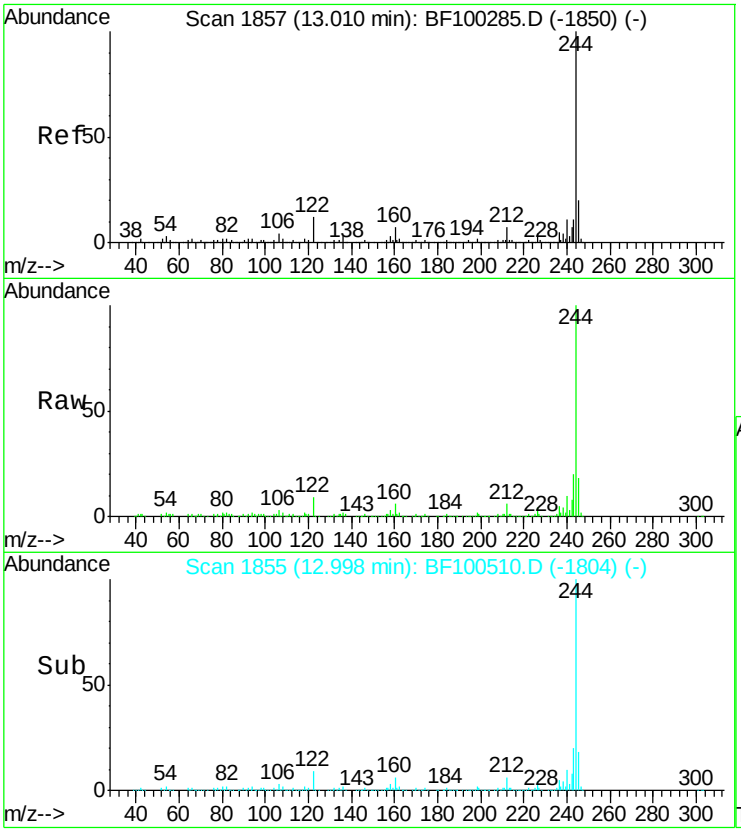




#77
Pyrene
Concen: 22.83 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:202 Resp: 298002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.5 | 17.4 | 26.2 |
| 203 | 17.3 | 14.3 | 21.5 |



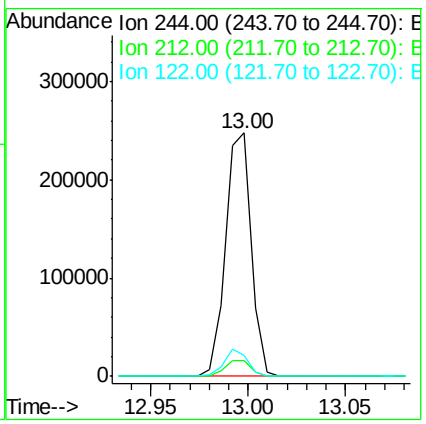


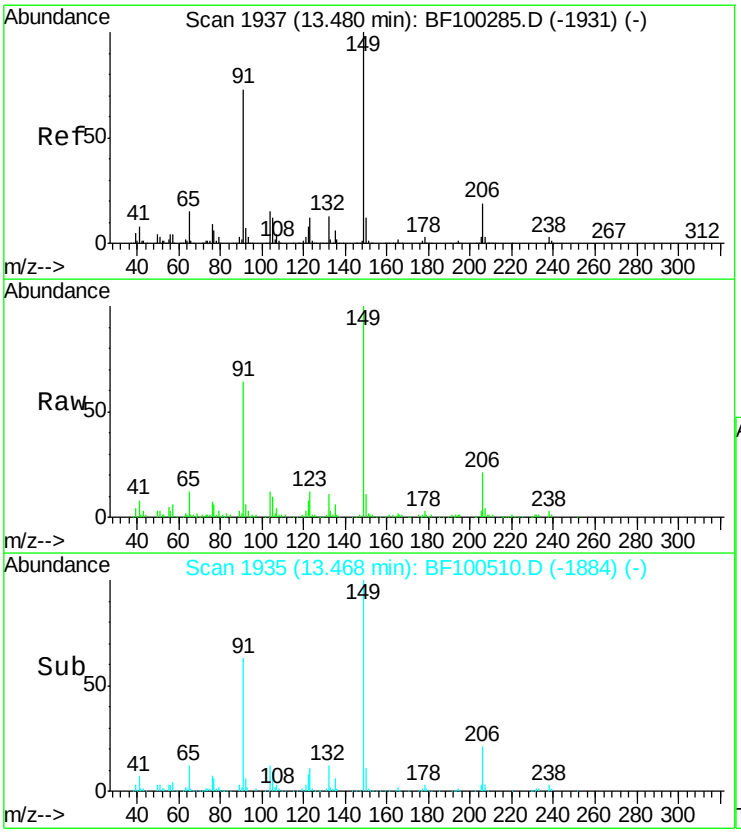

#78
Terphenyl-d14
Concen: 28.22 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:244 Resp: 224909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.5 | 5.4 | 8.0 |
| 122 | 8.6 | 11.0 | 16.4# |

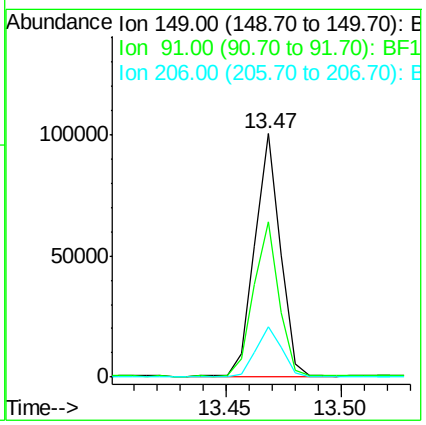


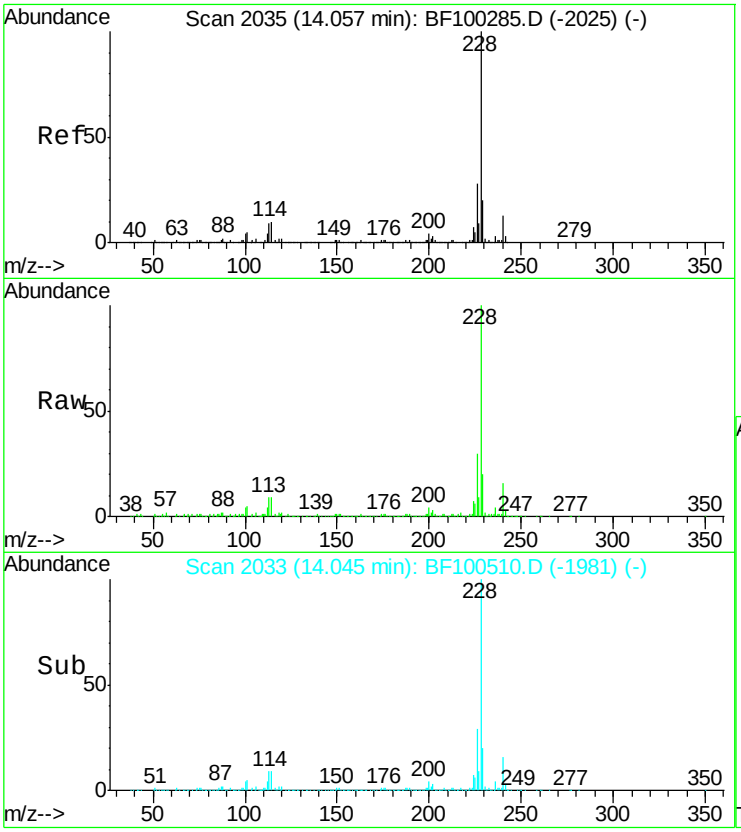




#79
Butylbenzylphthalate
Concen: 14.52 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:149 Resp: 77284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.6 | 56.8 | 85.2 |
| 206 | 20.7 | 14.1 | 21.1 |



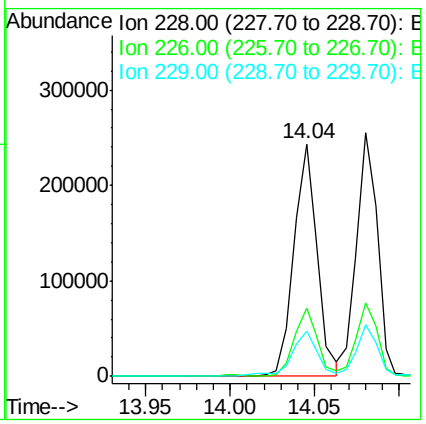


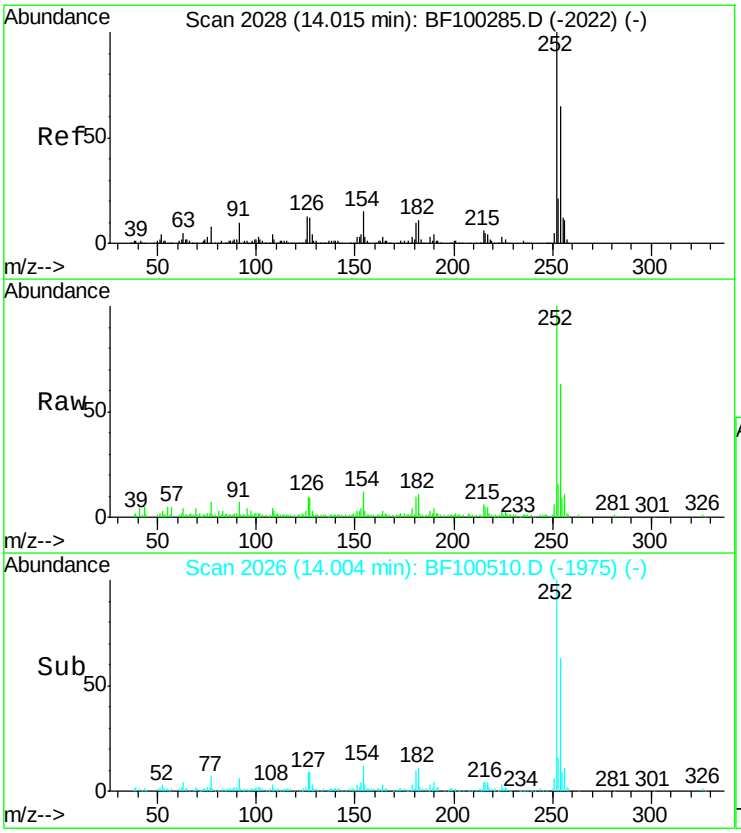

#80
Benzo(a)anthracene
Concen: 21.33 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:228 Resp: 235194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 22.6 | 33.8 |
| 229 | 19.7 | 15.8 | 23.6 |

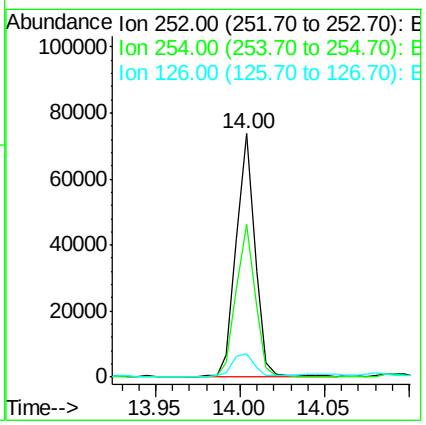


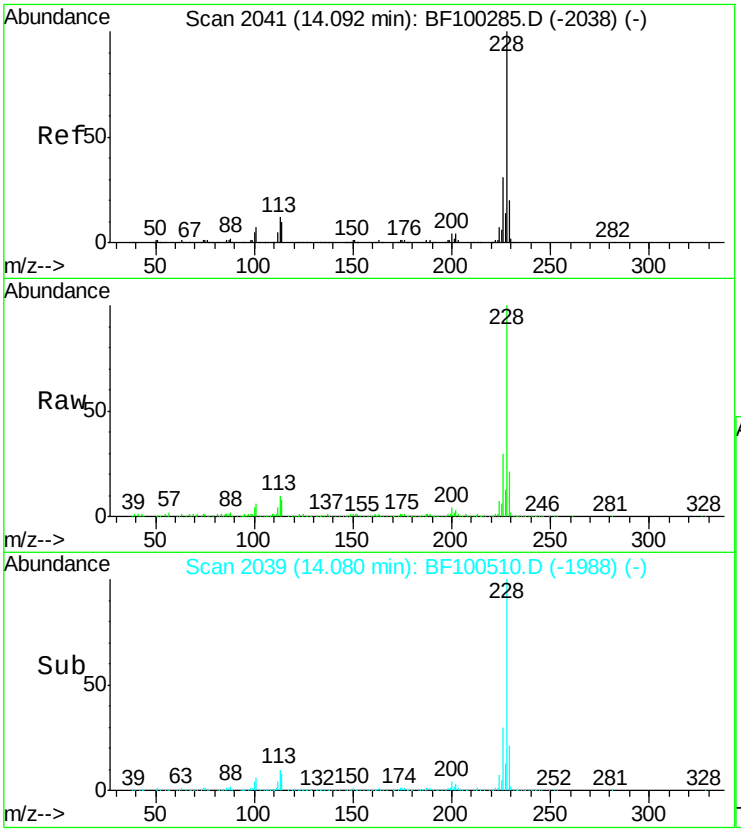




#81
3,3'-Dichlorobenzidine
Concen: 14.62 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:252 Resp: 57745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.7 | 50.4 | 75.6 |
| 126 | 9.6 | 11.3 | 16.9# |



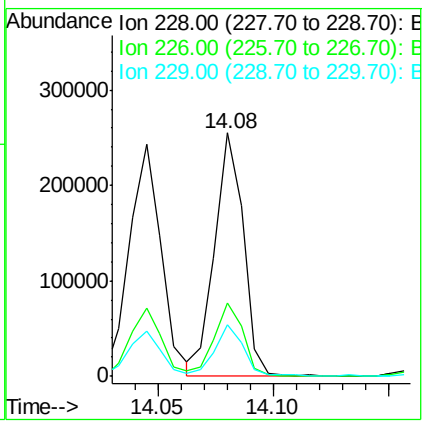


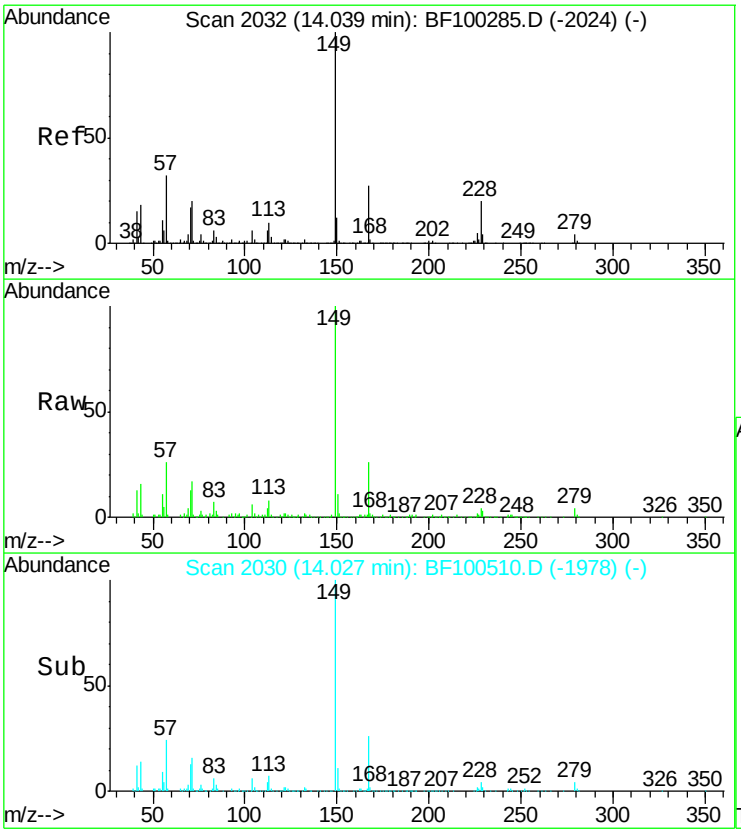

#82
Chrysene
Concen: 20.63 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:228 Resp: 220238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 25.0 | 37.6 |
| 229 | 21.0 | 16.2 | 24.4 |

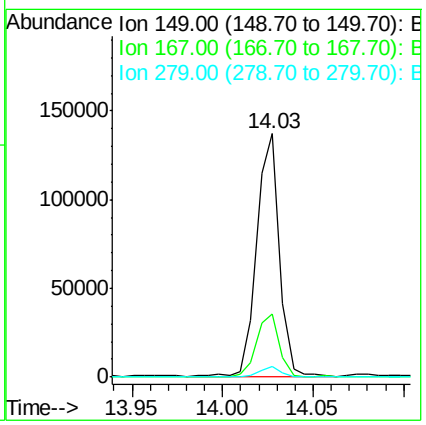


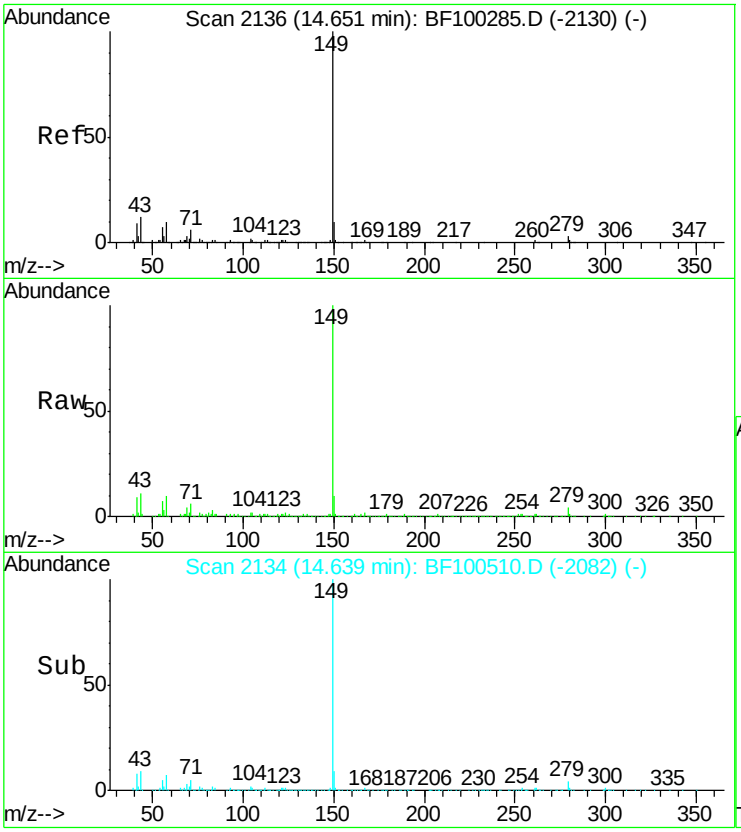




#83
Bis(2-ethylhexyl)phthalate
Concen: 16.90 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:149 Resp: 118290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.2 | 21.3 | 31.9 |
| 279 | 4.2 | 3.0 | 4.4 |



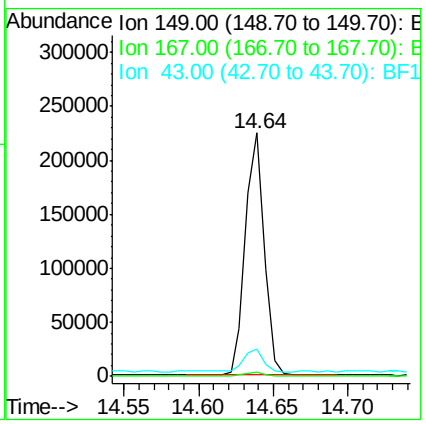


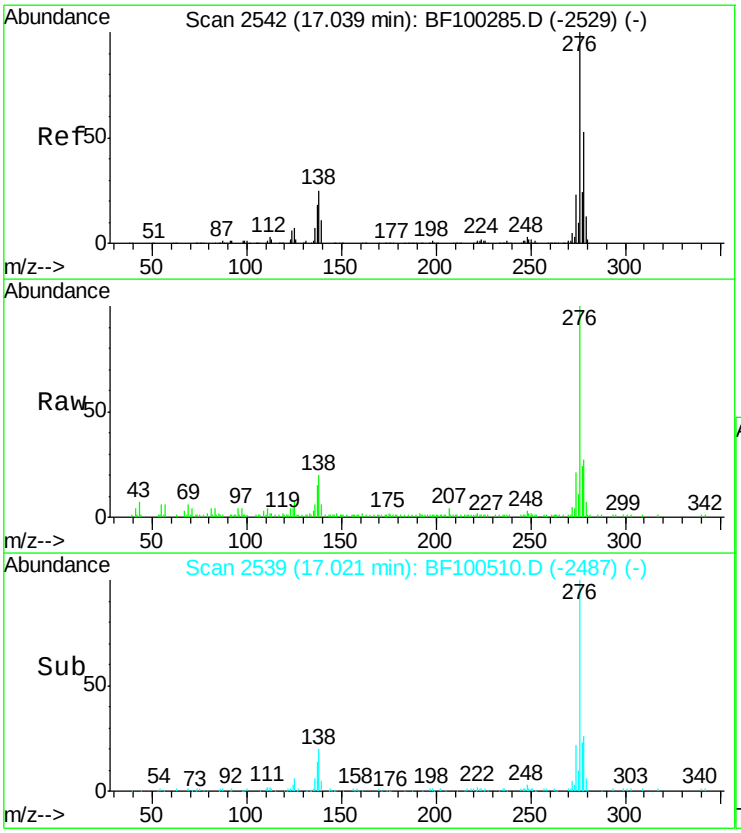

#84
Di-n-octyl phthalate
Concen: 16.28 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:149 Resp: 195826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 9.8 | 8.4 | 12.6 |

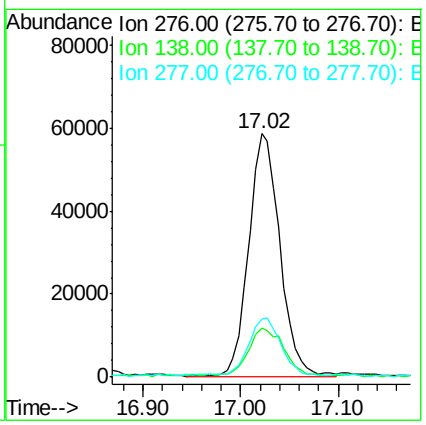


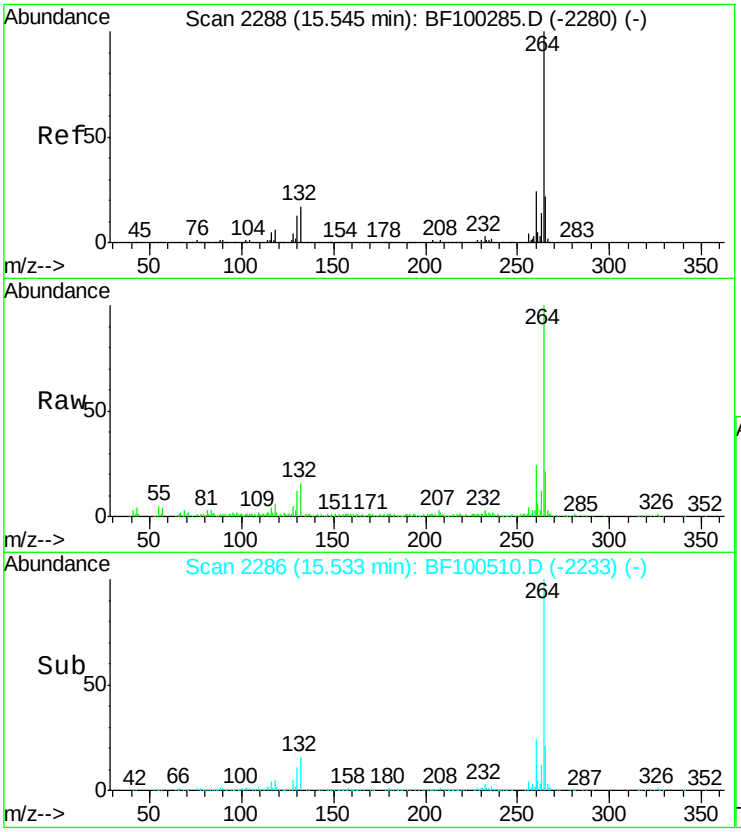




#85
Indeno(1,2,3-cd)pyrene
Concen: 15.35 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:276 Resp: 132543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.4 | 25.0 | 37.6# |
| 277 | 24.4 | 20.1 | 30.1 |



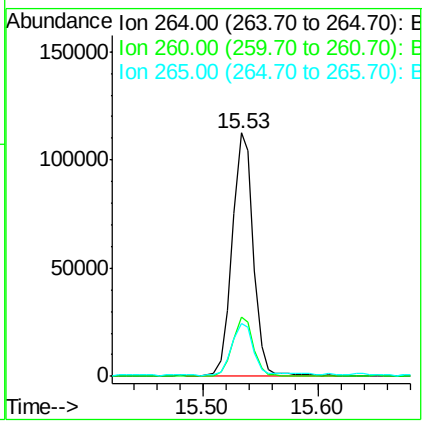


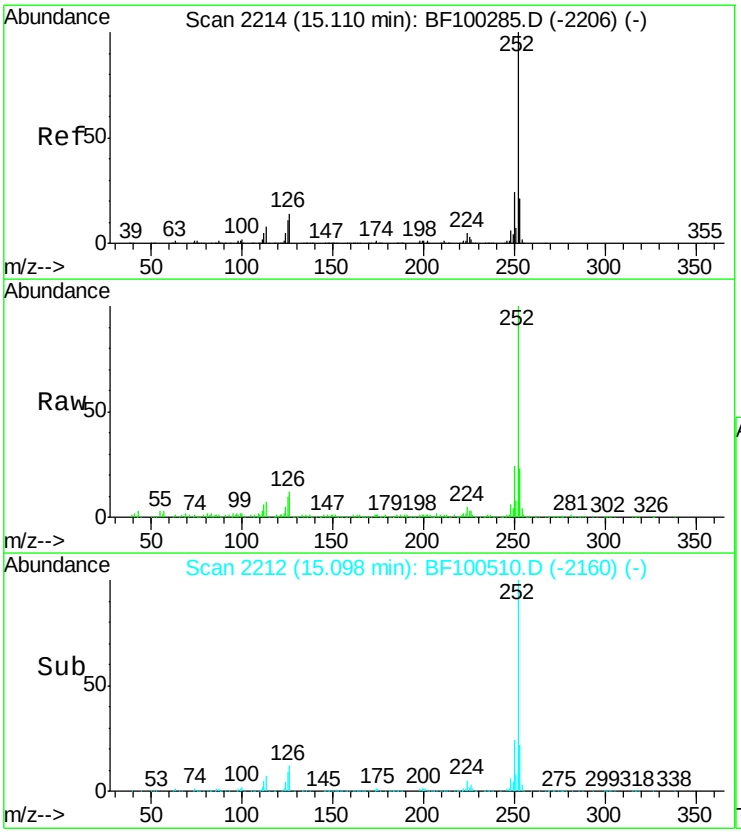

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:264 Resp: 143028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.2 | 28.8 |
| 265 | 21.5 | 17.5 | 26.3 |

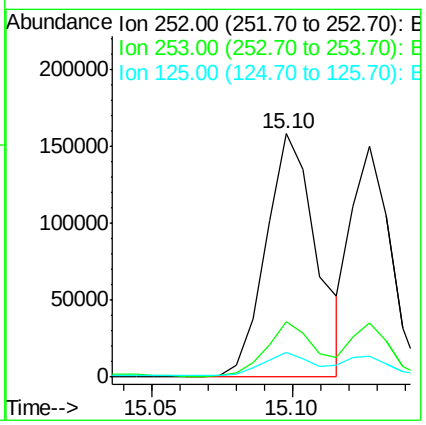


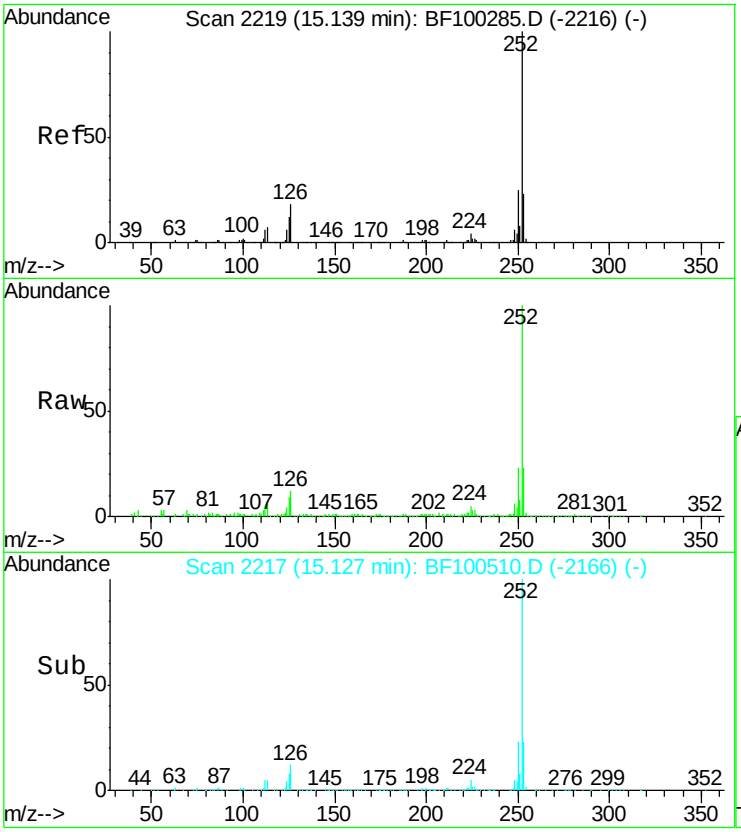




#87
Benzo(b)fluoranthene
Concen: 23.20 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:252 Resp: 196612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 17.0 | 25.6 |
| 125 | 10.0 | 9.0 | 13.6 |



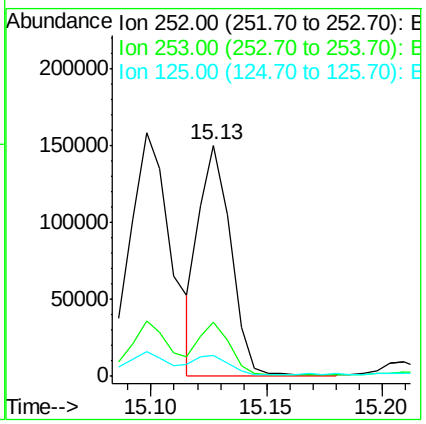


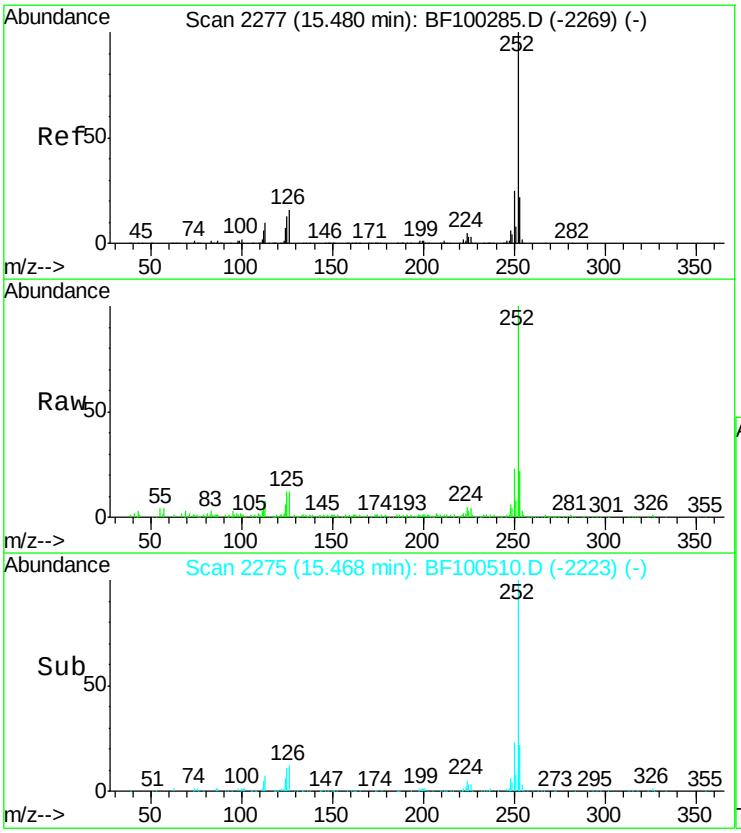

#88
Benzo(k)fluoranthene
Concen: 17.98 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:252 Resp: 143979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.9 | 26.9 |
| 125 | 9.0 | 10.2 | 15.2# |

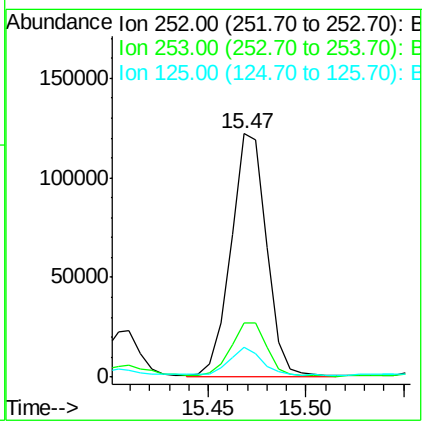


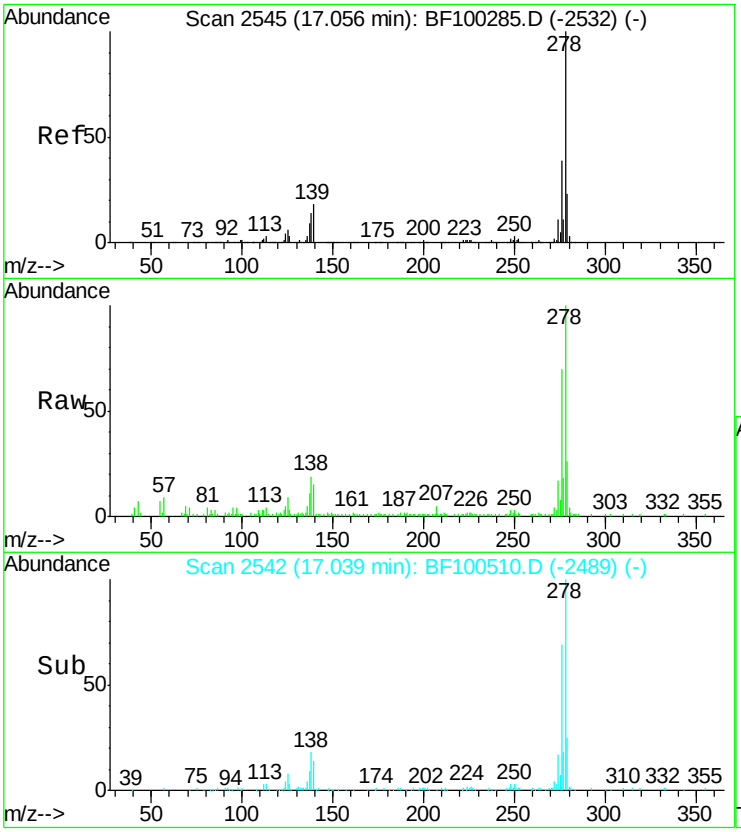




#89
Benzo(a)pyrene
Concen: 20.41 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:252 Resp: 153315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.1 | 25.7 |
| 125 | 12.1 | 9.8 | 14.6 |



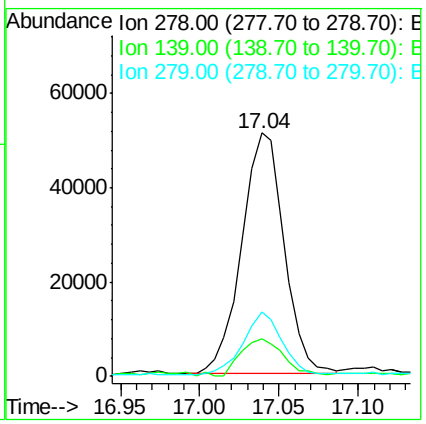


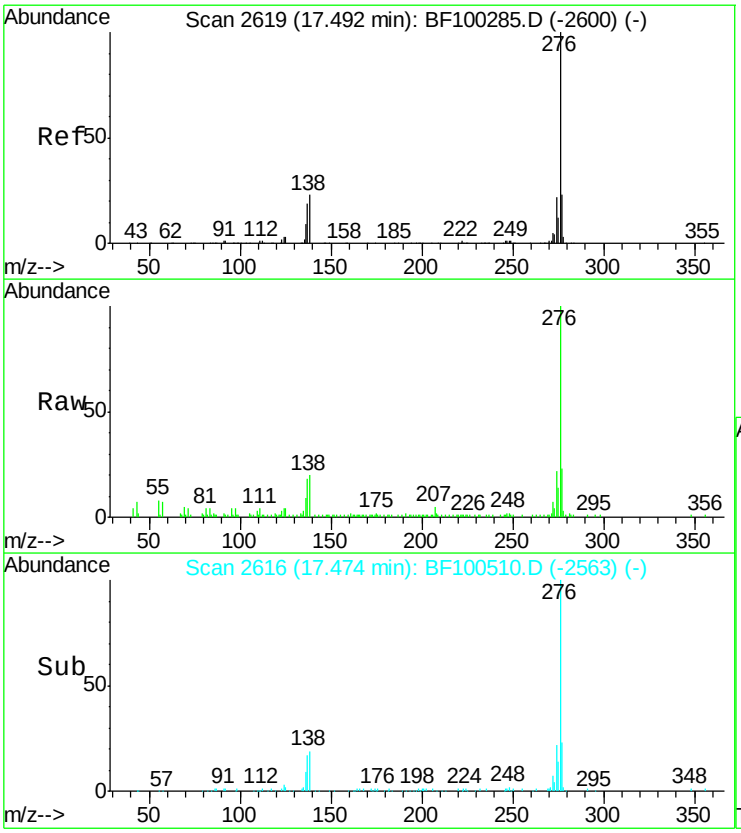

#90
Dibenzo(a,h)anthracene
Concen: 15.41 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

**Instrument :**
BNA_F
**ClientSampleId :**
JC-02-110917-DMSD

Tgt Ion:278 Resp: 94658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.5 | 15.9 | 23.9# |
| 279 | 26.2 | 19.0 | 28.4 |




#91
Benzo(g,h,i)perylene
Concen: 18.59 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.01 min
Lab File: BF100510.D
Acq: 13 Nov 2017 18:40

Tgt Ion:276 Resp: 111810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 17.9 | 26.9 |
| 138 | 19.5 | 21.8 | 32.8# |