Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110036.D
Acq On : 20 Oct 2018 7:24
Operator : JU/SJ
Sample : PB113996BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Oct 22 02:02:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.97 | 152 | 203782 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.25 | 136 | 800300 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 10.02 | 164 | 345878 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.50 | 188 | 549648 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.15 | 240 | 347321 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 15.67 | 264 | 290455 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 840922 | 65.41 | ng | | 0.00 |
| 7) Phenol-d6 | 6.59 | 99 | 1042105 | 65.28 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 928887 | 78.19 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.80 | 330 | 204314 | 68.23 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 9.33 | 172 | 1621527 | 74.81 | ng | | -0.01 |
| 79) Terphenyl-d14 | 13.09 | 244 | 1195773 | 72.30 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.96 | 88 | 151222 | 20.711 | ng | | 90 |
| 3) Pyridine | 3.70 | 79 | 444197 | 27.287 | ng | | 87 |
| 4) n-Nitrosodimethylamine | 3.66 | 42 | 208928 | 31.462 | ng | # | 99 |
| 6) Aniline | 6.63 | 93 | 435875 | 20.261 | ng | # | 54 |
| 8) 2-Chlorophenol | 6.75 | 128 | 453543 | 31.495 | ng | | 97 |
| 9) Benzaldehyde | 6.52 | 77 | 262965 | 25.349 | ng | | 96 |
| 10) Phenol | 6.60 | 94 | 533548 | 30.957 | ng | # | 63 |
| 11) bis(2-Chloroethyl)ether | 6.70 | 93 | 422078 | 29.289 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 6.91 | 146 | 472216 | 29.905 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.99 | 146 | 474615 | 29.845 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.14 | 146 | 443332 | 30.274 | ng | | 100 |
| 15) Benzyl Alcohol | 7.10 | 79 | 384103 | 31.275 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45 | 683368 | 28.891 | ng | | 68 |
| 17) 2-Methylphenol | 7.22 | 107 | 366571 | 31.568 | ng | # | 79 |
| 18) Hexachloroethane | 7.48 | 117 | 168887 | 30.052 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 300447 | 29.312 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.36 | 107 | 456322 | 30.968 | ng | | 92 |
| 22) Acetophenone | 7.37 | 105 | 593876 | 31.998 | ng | | 96 |
| 24) Nitrobenzene | 7.55 | 77 | 447915 | 34.706 | ng | | 96 |
| 25) Isophorone | 7.79 | 82 | 822434 | 35.232 | ng | | 97 |
| 26) 2-Nitrophenol | 7.87 | 139 | 212007 | 39.619 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 7.90 | 122 | 407849 | 36.273 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93 | 521545 | 32.555 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.10 | 162 | 353950 | 32.450 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.19 | 180 | 386611 | 31.656 | ng | | 96 |
| 31) Naphthalene | 8.27 | 128 | 1240556 | 33.804 | ng | | 99 |
| 32) Benzoic acid | 8.00 | 122 | 199811 | 28.521 | ng | | 97 |
| 33) 4-Chloroaniline | 8.32 | 127 | 211686 | 12.832 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.39 | 225 | 212231 | 31.514 | ng | | 100 |
| 35) Caprolactam | 8.69 | 113 | 74461 | 19.222 | ng | | 90 |
| 36) 4-Chloro-3-methylphenol | 8.80 | 107 | 372556 | 32.377 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.97 | 142 | 838161 | 35.271 | ng | | 98 |
| 38) 1-Methylnaphthalene | 9.07 | 142 | 794858 | 34.519 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 351072 | 32.954 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110036.D
Acq On : 20 Oct 2018 7:24
Operator : JU/SJ
Sample : PB113996BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Oct 22 02:02:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.12 | 237 | 236502 | 45.995 ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.24 | 196 | 233800 | 35.097 ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 9.28 | 196 | 237562 | 34.361 ng | | 96 |
| 46) 1,1'-Biphenyl | 9.43 | 154 | 995738 | 32.312 ng | | 99 |
| 47) 2-Chloronaphthalene | 9.46 | 162 | 743503 | 32.755 ng | | 99 |
| 48) 2-Nitroaniline | 9.55 | 65 | 232678 | 39.943 ng | | 96 |
| 49) Acenaphthylene | 9.87 | 152 | 1142246 | 34.639 ng | | 98 |
| 50) Dimethylphthalate | 9.73 | 163 | 862440 | 35.214 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.79 | 165 | 184385 | 39.638 ng | | 96 |
| 52) Acenaphthene | 10.05 | 154 | 707971 | 33.722 ng | | 97 |
| 53) 3-Nitroaniline | 9.96 | 138 | 148554 | 26.253 ng | | 90 |
| 54) 2,4-Dinitrophenol | 10.06 | 184 | 39865 | 32.815 ng | | 95 |
| 55) Dibenzofuran | 10.22 | 168 | 992592 | 33.152 ng | | 96 |
| 56) 4-Nitrophenol | 10.12 | 139 | 356276 | 82.517 ng | | 90 |
| 57) 2,4-Dinitrotoluene | 10.20 | 165 | 232990 | 40.448 ng | # | 87 |
| 58) Fluorene | 10.56 | 166 | 760842 | 34.908 ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.33 | 232 | 182034 | 33.222 ng | | 95 |
| 60) Diethylphthalate | 10.43 | 149 | 817868 | 33.811 ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.55 | 204 | 368584 | 32.465 ng | | 99 |
| 62) 4-Nitroaniline | 10.58 | 138 | 164131 | 30.642 ng | | 86 |
| 63) Azobenzene | 10.72 | 77 | 788305 | 31.195 ng | | 95 |
| 65) 4,6-Dinitro-2-methylphenol | 10.60 | 198 | 34444 | 22.354 ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.67 | 169 | 676482 | 36.953 ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 11.05 | 248 | 214814 | 36.062 ng | | 97 |
| 68) Hexachlorobenzene | 11.11 | 284 | 216599 | 34.099 ng | # | 94 |
| 69) Atrazine | 11.19 | 200 | 217495 | 38.035 ng | | 99 |
| 70) Pentachlorophenol | 11.30 | 266 | 172933 | 47.838 ng | | 98 |
| 71) Phenanthrene | 11.53 | 178 | 1024295 | 35.996 ng | | 100 |
| 72) Anthracene | 11.58 | 178 | 1049075 | 36.670 ng | | 99 |
| 73) Carbazole | 11.73 | 167 | 857681 | 30.505 ng | | 100 |
| 74) Di-n-butylphthalate | 12.06 | 149 | 1170405 | 37.300 ng | | 99 |
| 75) Fluoranthene | 12.72 | 202 | 885552 | 31.152 ng | | 99 |
| 77) Benzidine | 12.84 | 184 | 461491 | 34.655 ng | | 98 |
| 78) Pyrene | 12.95 | 202 | 863682 | 33.857 ng | | 99 |
| 80) Butylbenzylphthalate | 13.56 | 149 | 397215 | 38.515 ng | | 99 |
| 81) Benzo(a)anthracene | 14.14 | 228 | 722027 | 35.293 ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.10 | 252 | 205075 | 28.593 ng | | 97 |
| 83) Chrysene | 14.17 | 228 | 676996 | 34.766 ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 14.11 | 149 | 546352 | 40.260 ng | | 96 |
| 85) Di-n-octyl phthalate | 14.73 | 149 | 866349 | 45.282 ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 17.23 | 276 | 518567 | 33.075 ng | # | 95 |
| 88) Benzo(b)fluoranthene | 15.22 | 252 | 665484 | 39.741 ng | | 97 |
| 89) Benzo(k)fluoranthene | 15.24 | 252 | 587749 | 35.610 ng | # | 97 |
| 90) Benzo(a)pyrene | 15.60 | 252 | 566916 | 36.810 ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 17.24 | 278 | 430261 | 31.524 ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.70 | 276 | 411362 | 29.830 ng | | 97 |

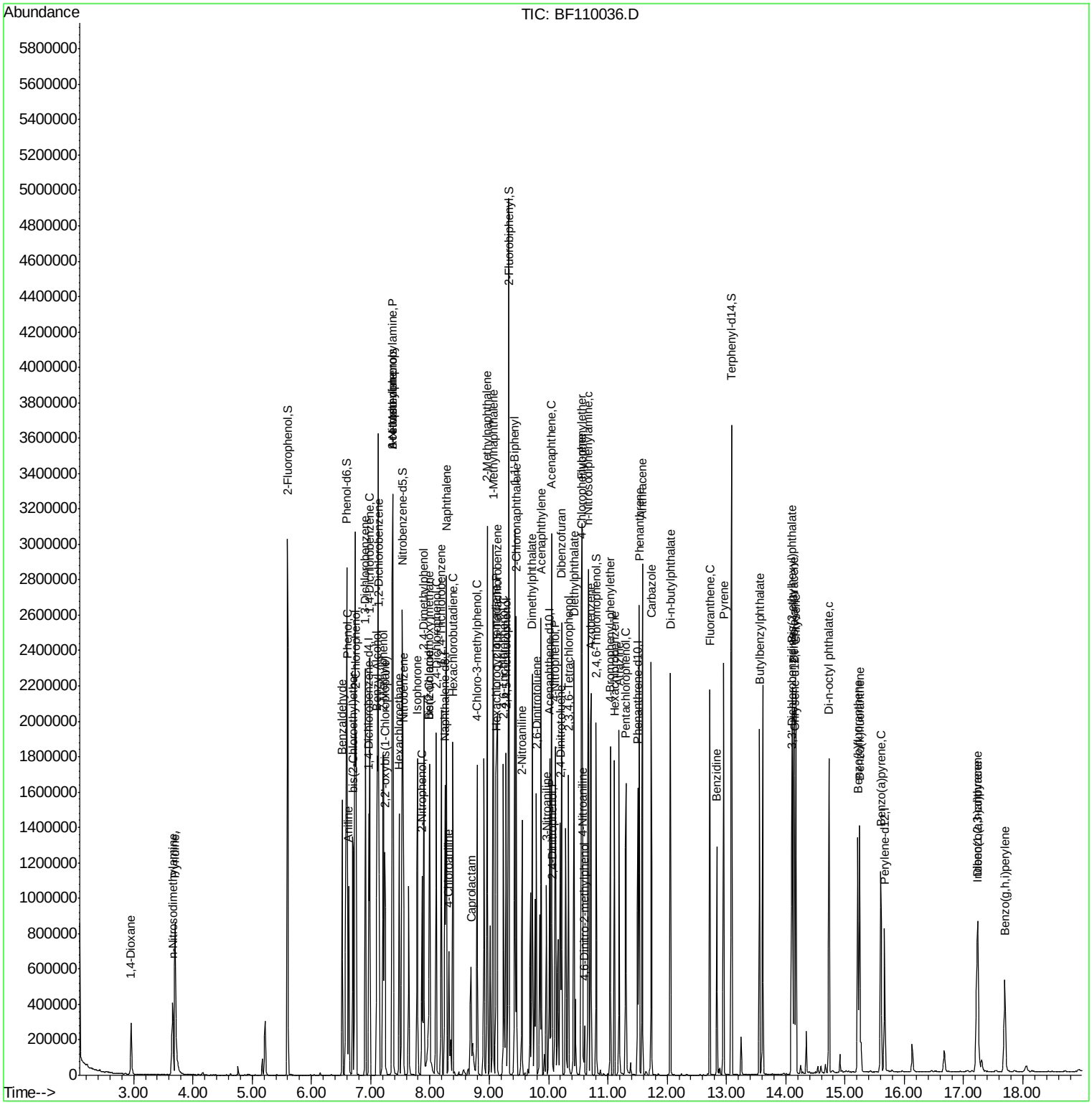
(#) = qualifier out of range (m) = manual integration (+) = signals summed

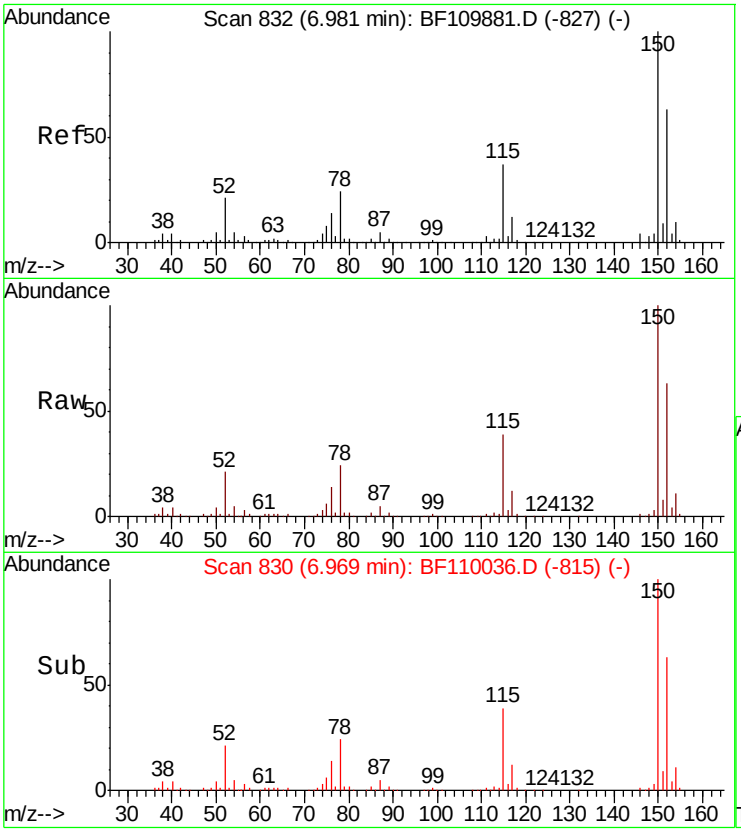
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110036.D
Acq On : 20 Oct 2018 7:24
Operator : JU/SJ
Sample : PB113996BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Oct 22 02:02:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

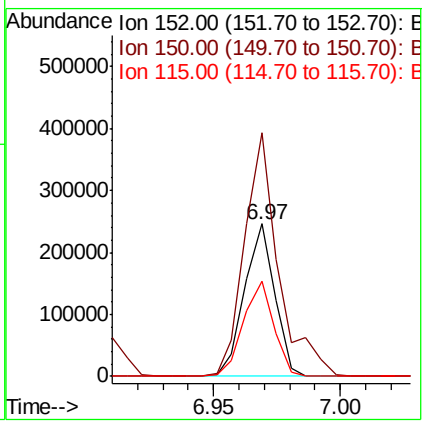




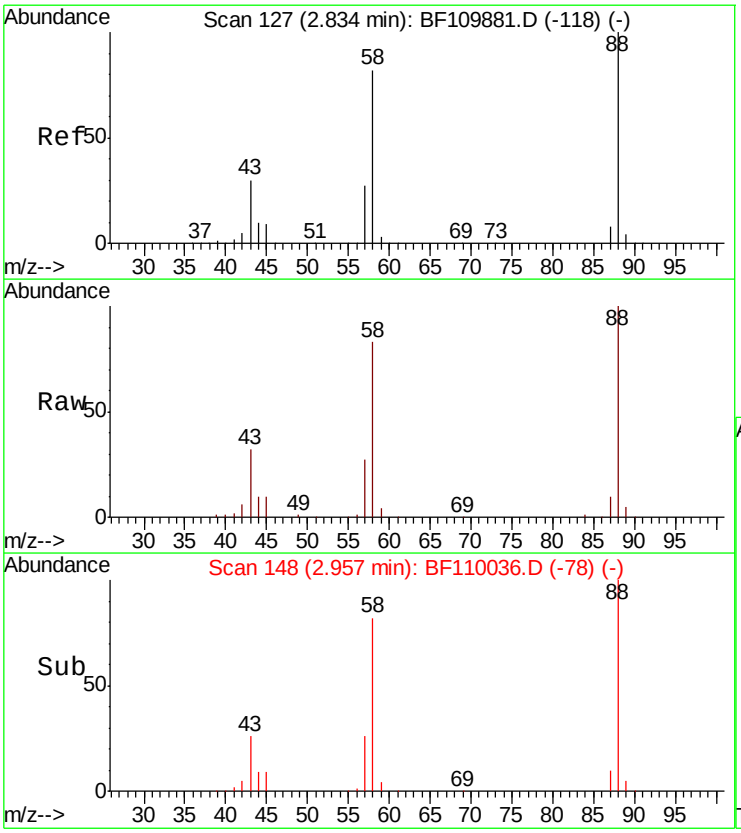

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:152 Resp: 203782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.5 | 122.7 | 184.1 |
| 115 | 62.6 | 49.1 | 73.7 |



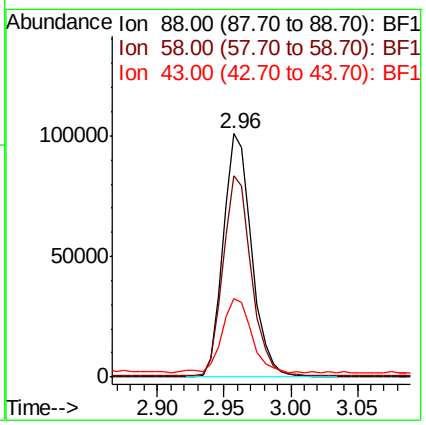

**Instrument :**
BNA_F
**ClientSampleId :**

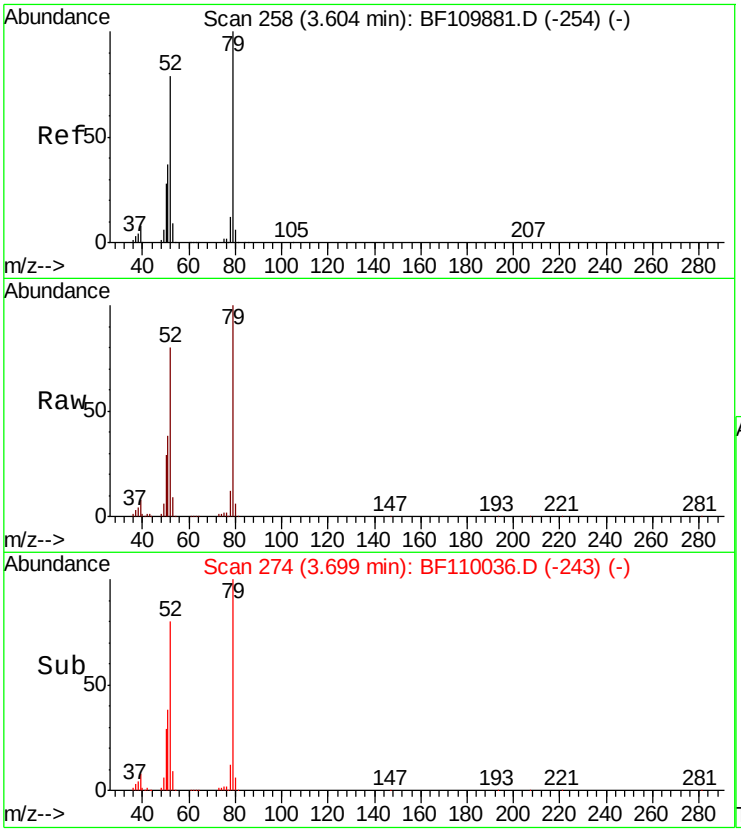



#2
1,4-Dioxane
Concen: 20.711 ng
RT: 2.96 min Scan# 148
Delta R.T. 0.11 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion: 88 Resp: 151222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 82.3 | 57.1 | 85.7 |
| 43 | 31.9 | 24.1 | 36.1 |



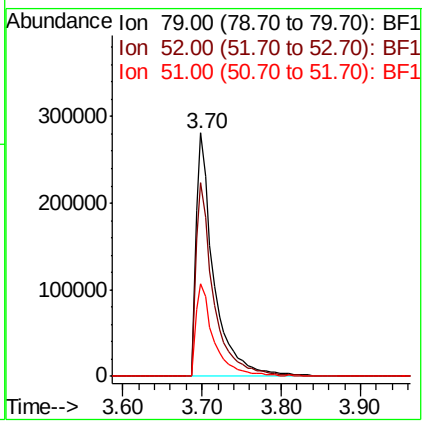


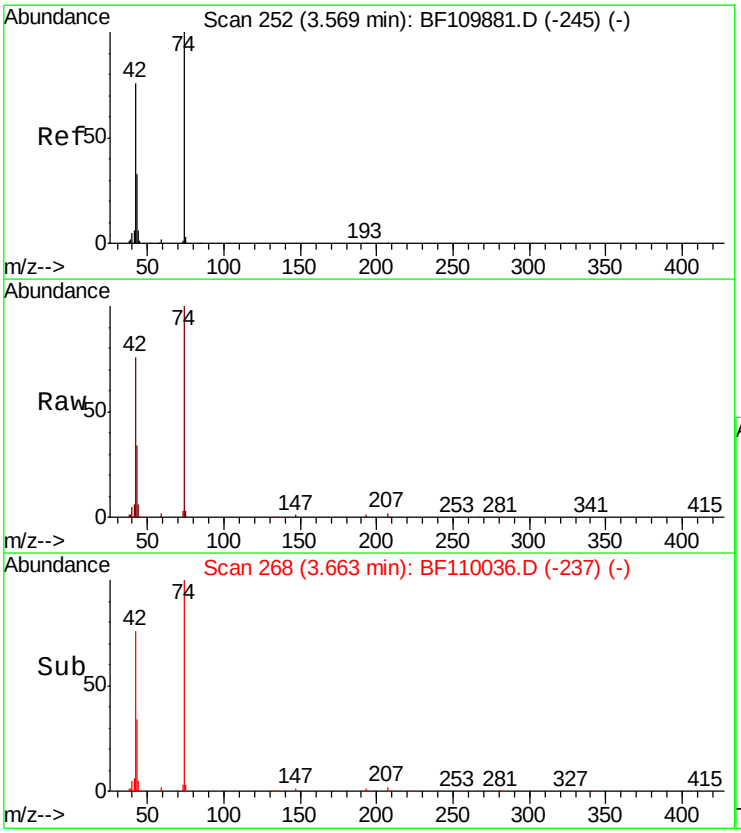

#3
Pyridine
Concen: 27.287 ng
RT: 3.70 min Scan# 274
Delta R.T. 0.08 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion: 79 Resp: 444197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 79.5 | 53.1 | 79.7 |
| 51 | 38.1 | 27.4 | 41.2 |

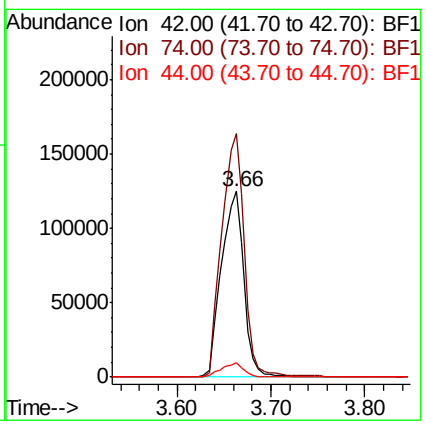


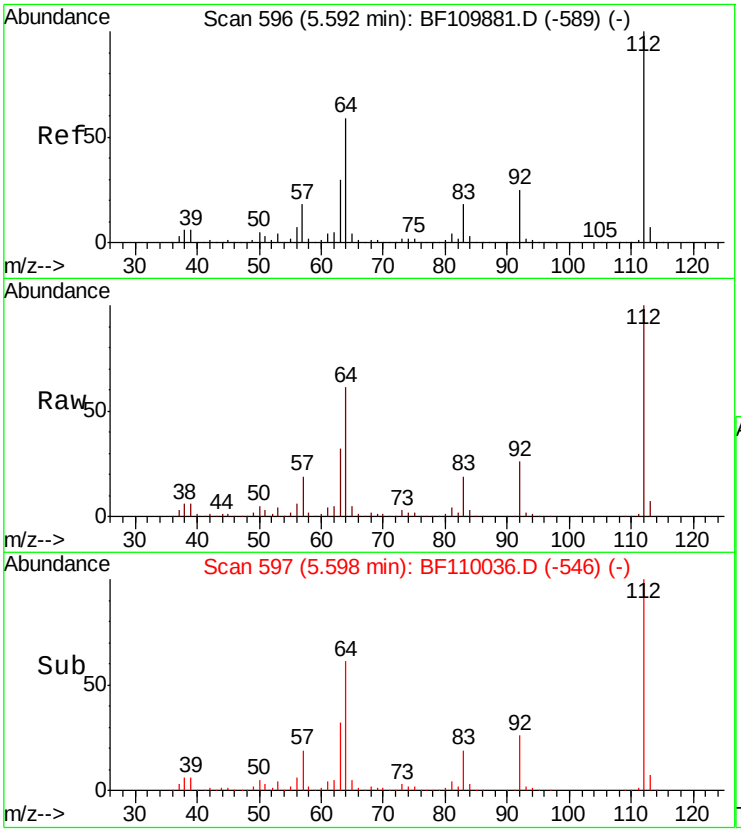




#4
n-Nitrosodimethylamine
Concen: 31.462 ng
RT: 3.66 min Scan# 268
Delta R.T. 0.08 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion: 42 Resp: 208928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 131.3 | 105.5 | 158.3 |
| 44 | 7.5 | 4.9 | 7.3# |



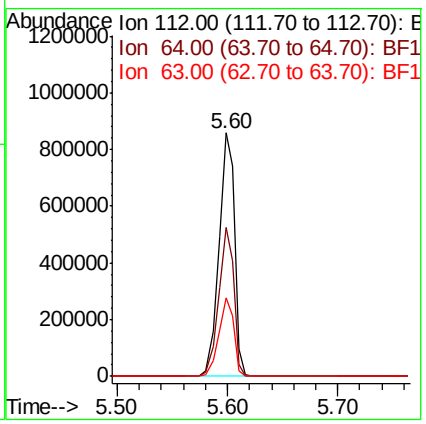


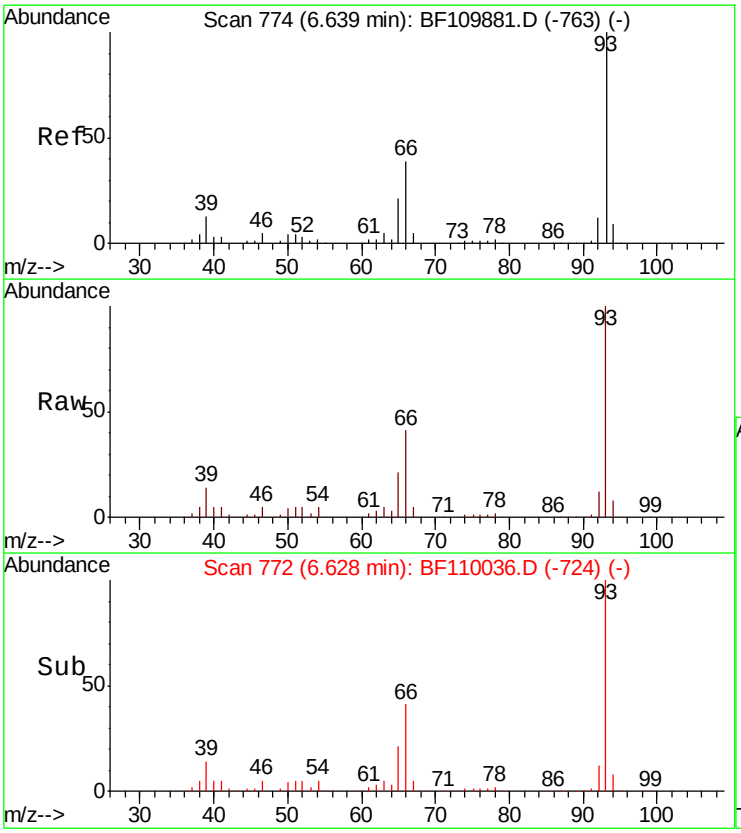

#5
2-Fluorophenol
Concen: 65.412 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:112 Resp: 840922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.0 | 44.1 | 66.1 |
| 63 | 32.4 | 23.7 | 35.5 |

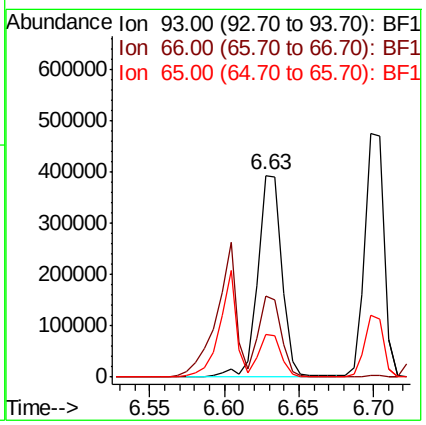


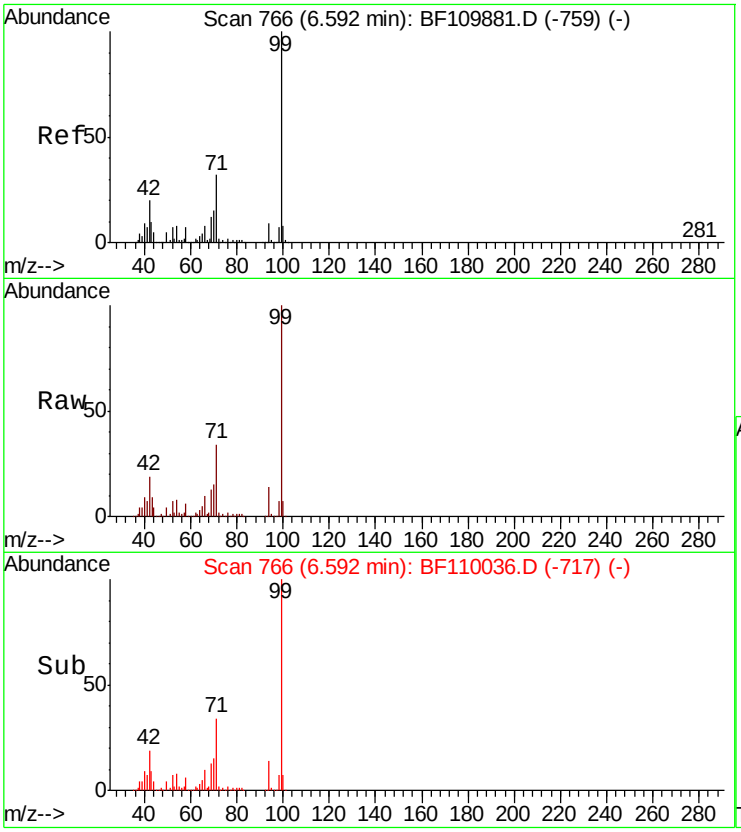




#6
Aniline
Concen: 20.261 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion: 93 Resp: 435875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.5 | 67.4 | 101.0# |
| 65 | 21.3 | 41.0 | 61.4# |



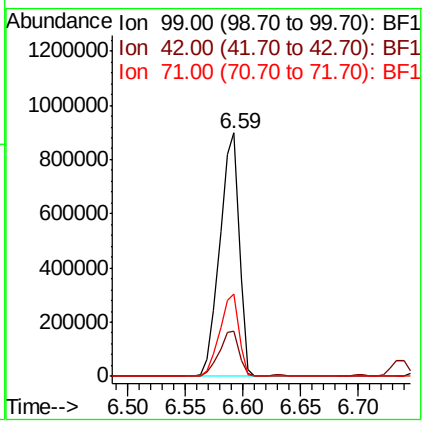


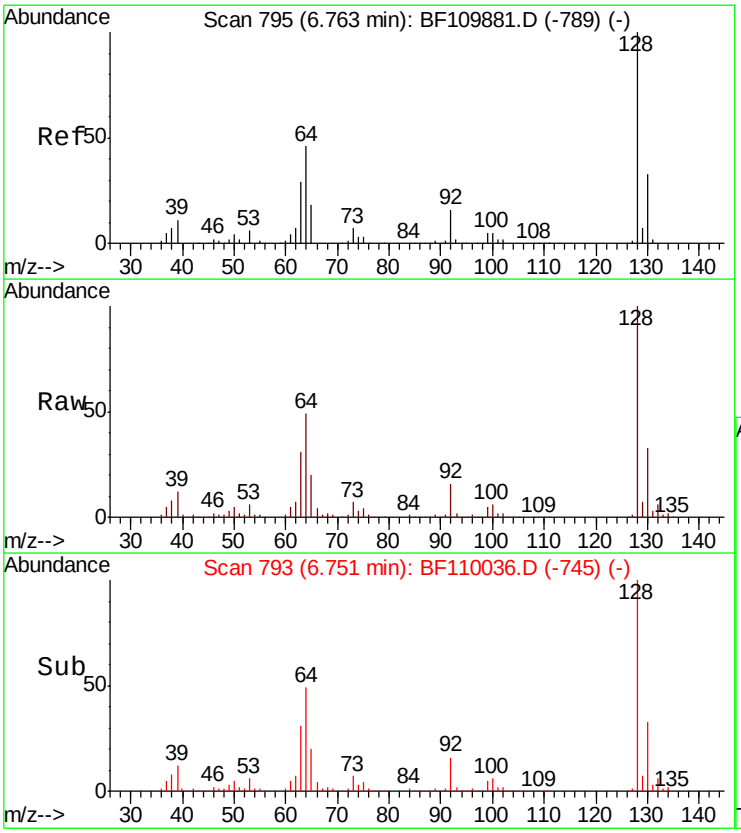

#7
Phenol-d6
Concen: 65.280 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion: 99 Resp: 1042105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.5 | 15.8 | 23.6 |
| 71 | 33.8 | 28.0 | 42.0 |

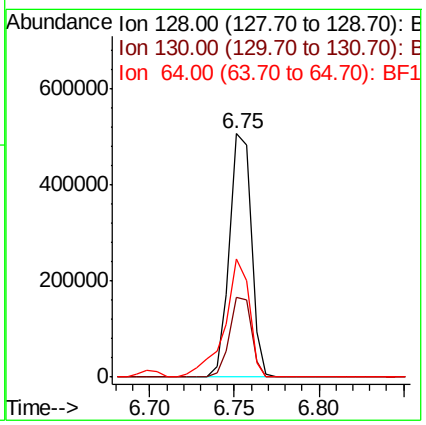


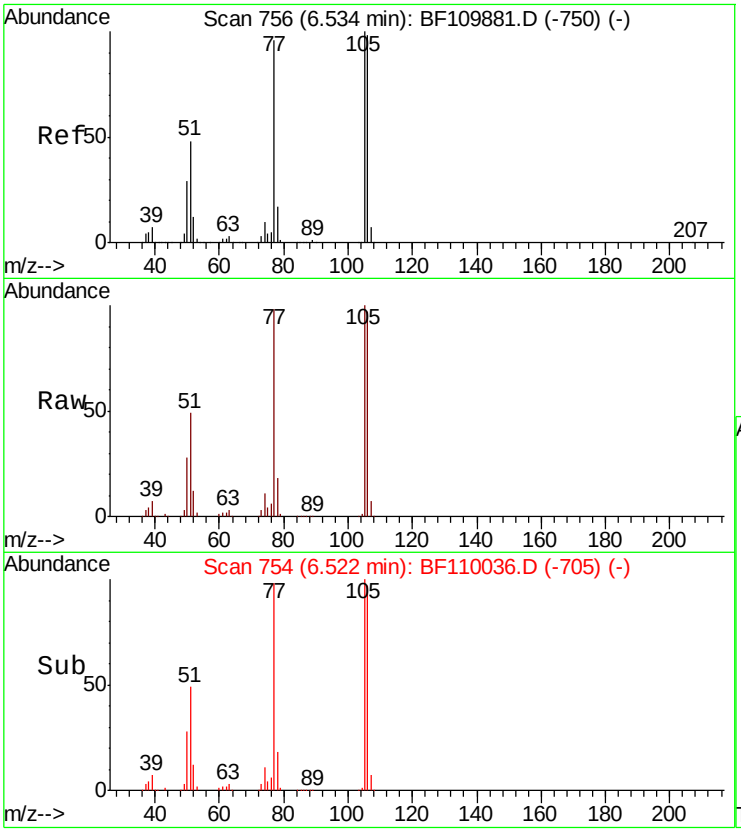




#8
2-Chlorophenol
Concen: 31.495 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:128 Resp: 453543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 13.1 | 53.1 |
| 64 | 48.8 | 26.0 | 66.0 |



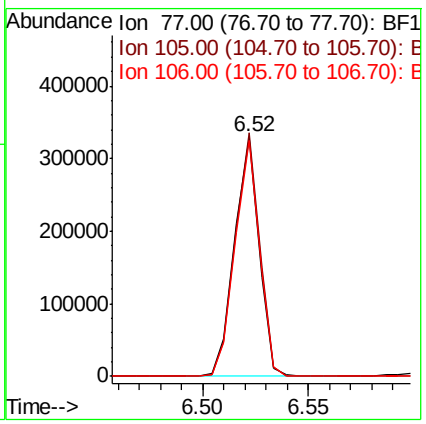


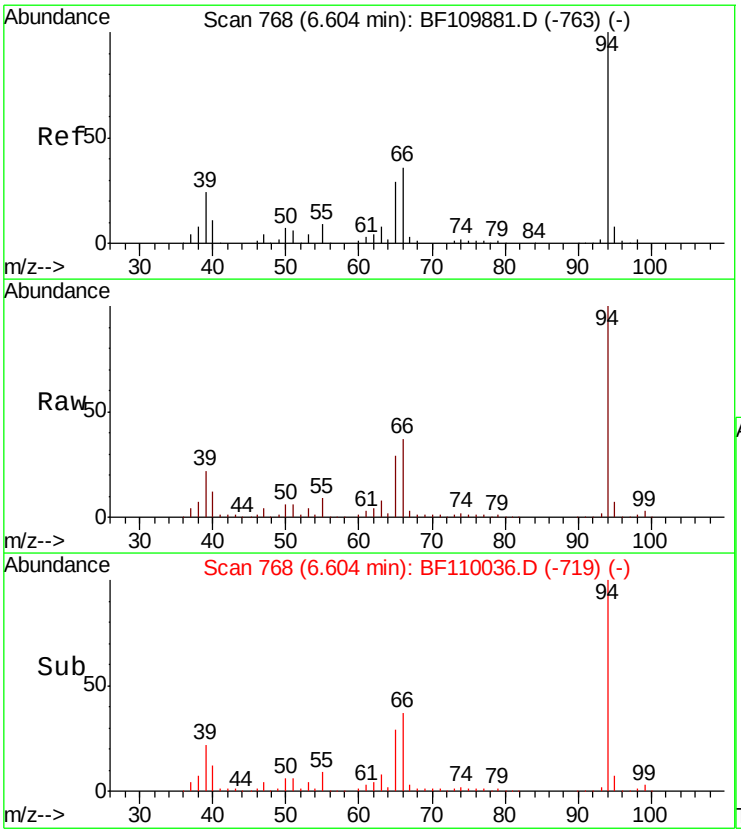

#9
Benzaldehyde
Concen: 25.349 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion: 77 Resp: 262965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.0 | 78.6 | 118.6 |
| 106 | 98.6 | 74.8 | 114.8 |

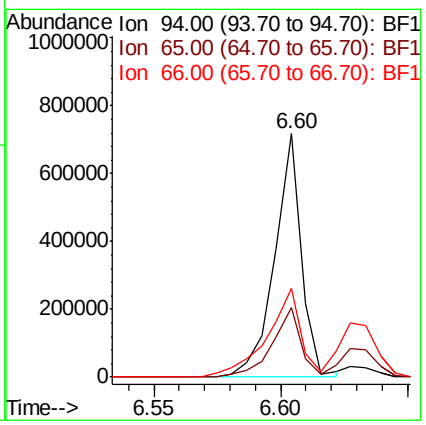


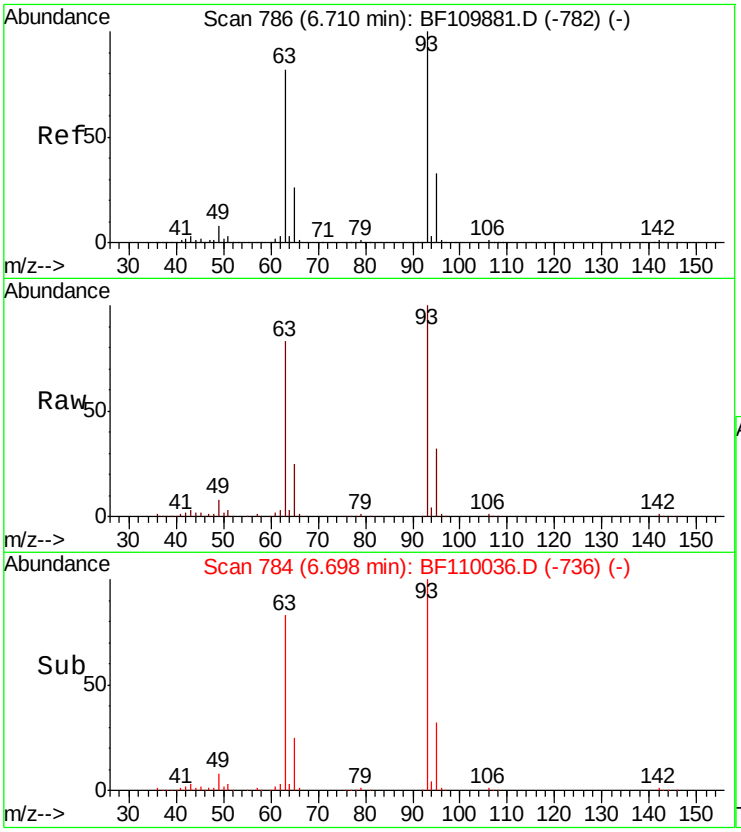




#10
Phenol
Concen: 30.957 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion: 94 Resp: 533548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.8 | 25.3 | 65.3 |
| 66 | 36.6 | 54.5 | 94.5# |



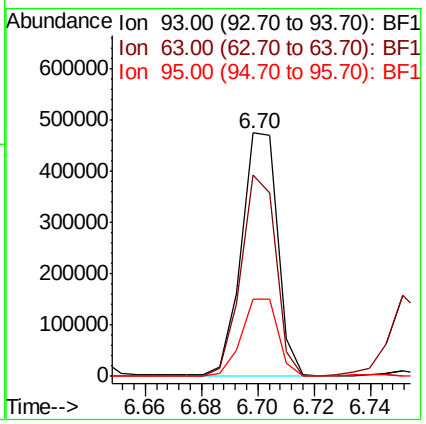


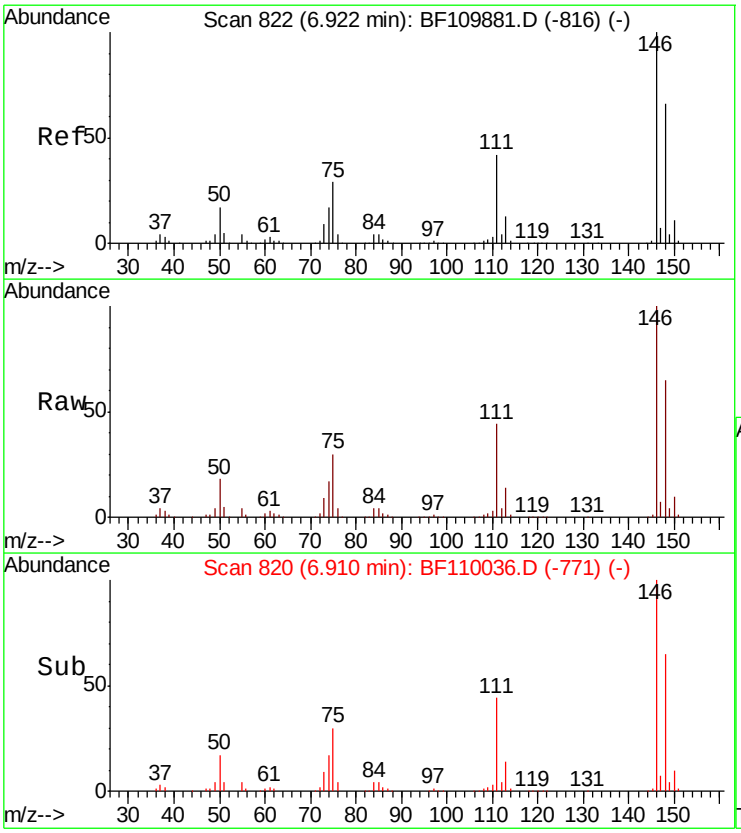

#11
bis(2-Chloroethyl)ether
Concen: 29.289 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion: 93 Resp: 422078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.9 | 53.4 | 93.4 |
| 95 | 32.0 | 12.1 | 52.1 |

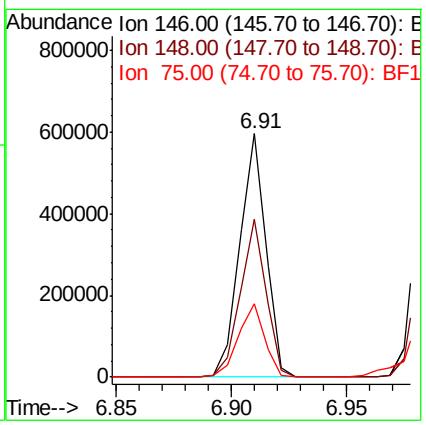


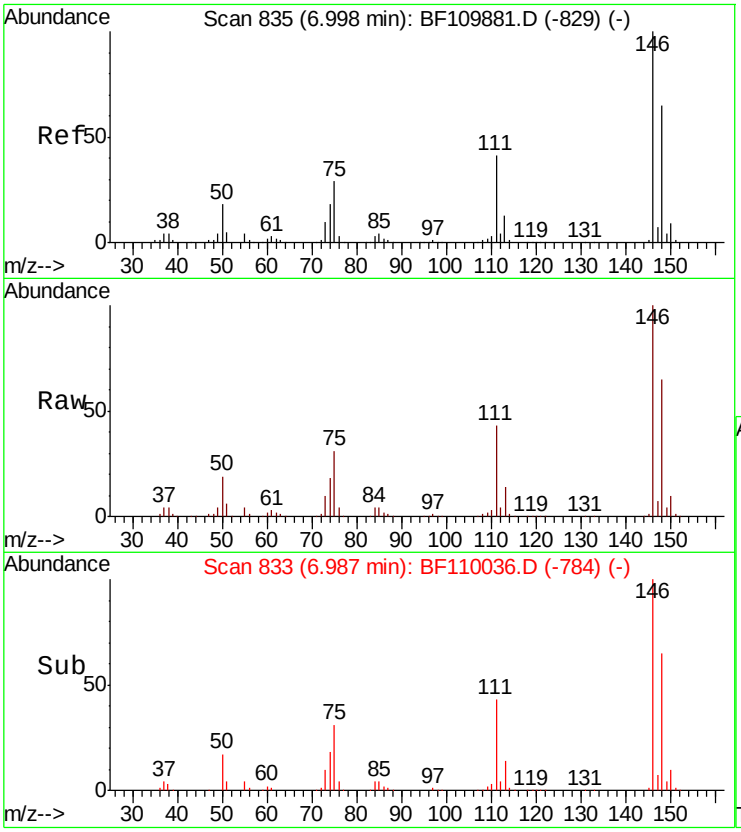




#12
1,3-Dichlorobenzene
Concen: 29.905 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:146 Resp: 472216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 50.4 | 75.6 |
| 75 | 30.3 | 25.8 | 38.6 |



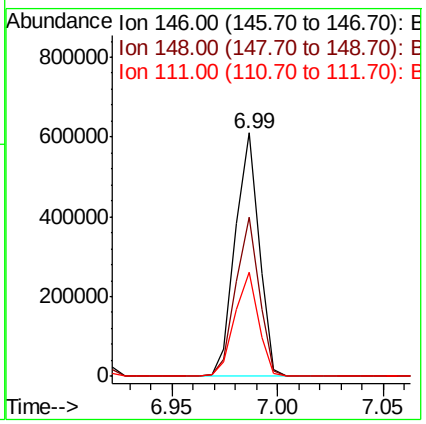


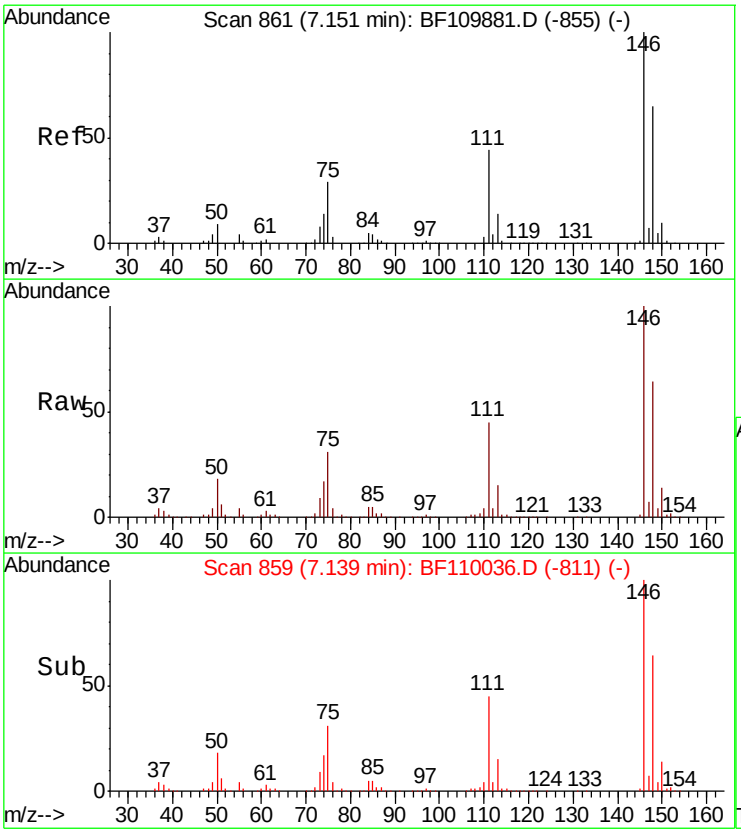

#13
1,4-Dichlorobenzene
Concen: 29.845 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:146 Resp: 474615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 50.3 | 75.5 |
| 111 | 42.6 | 32.7 | 49.1 |

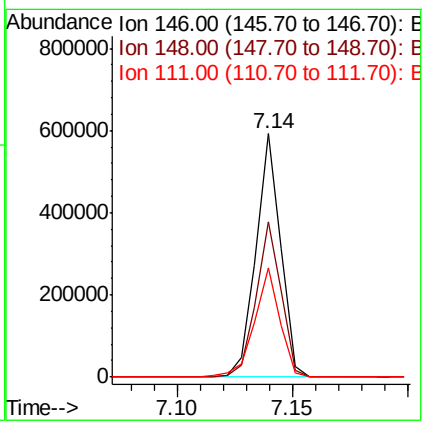


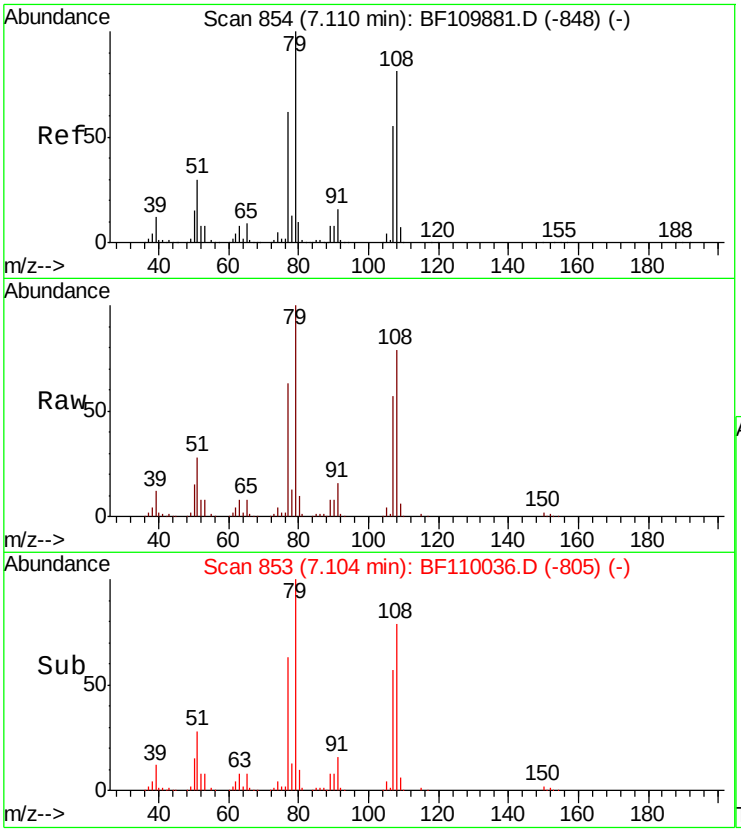




#14
1,2-Dichlorobenzene
Concen: 30.274 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:146 Resp: 443332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 51.1 | 76.7 |
| 111 | 45.1 | 35.8 | 53.6 |



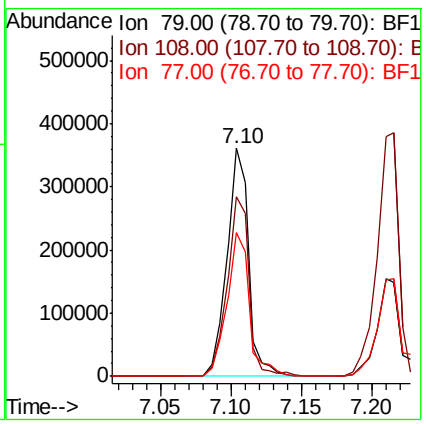


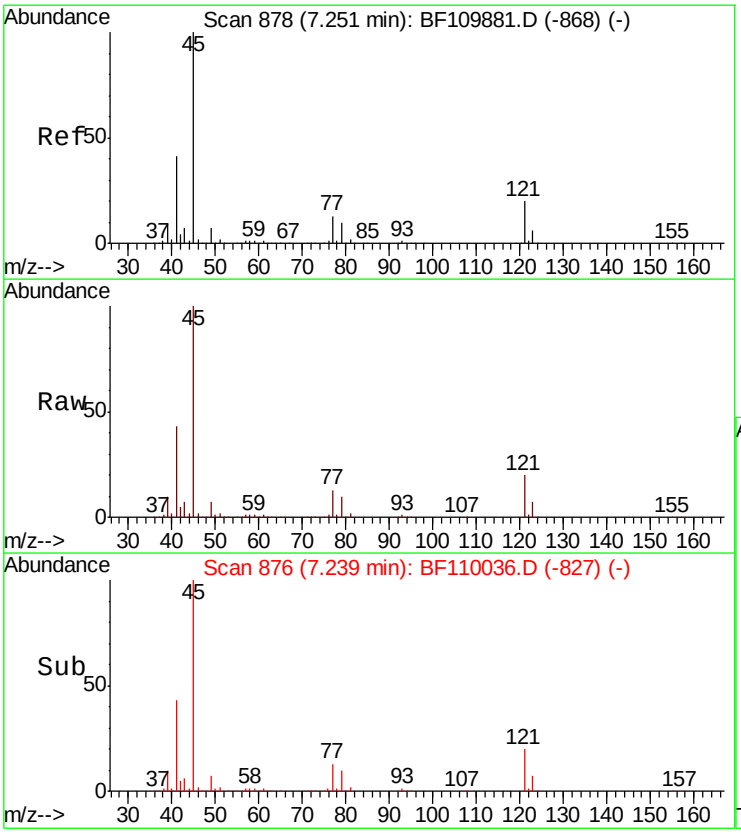

#15
Benzyl Alcohol
Concen: 31.275 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion: 79 Resp: 384103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 79.1 | 56.3 | 84.5 |
| 77 | 63.2 | 52.9 | 79.3 |

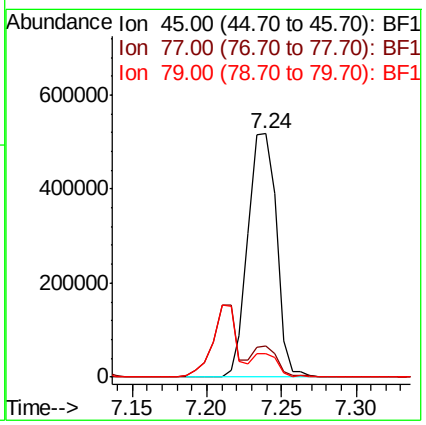


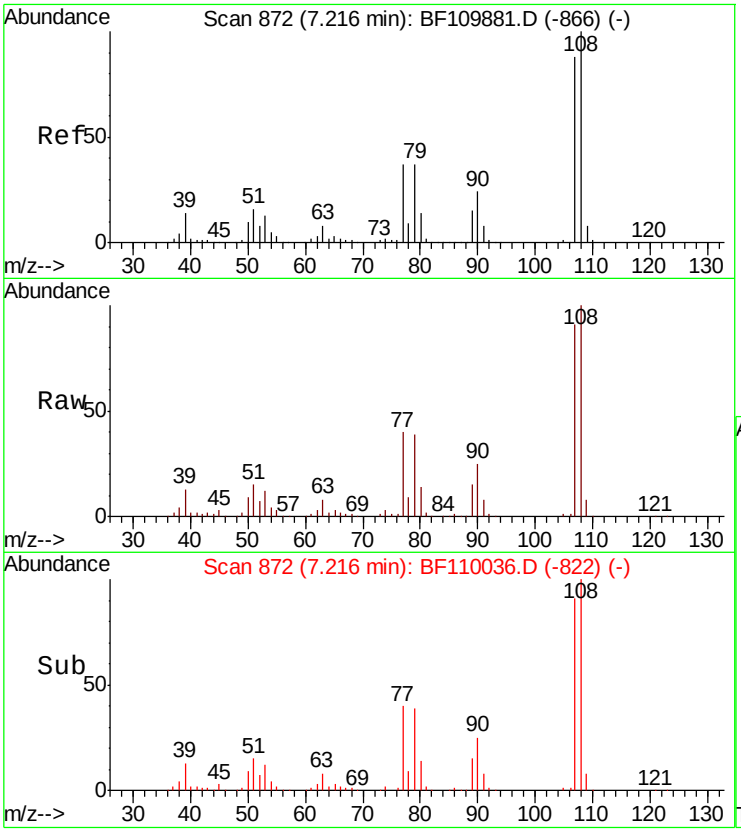




#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.891 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion: 45 Resp: 683368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.6 | 10.0 | 50.0 |
| 79 | 9.6 | 6.1 | 46.1 |



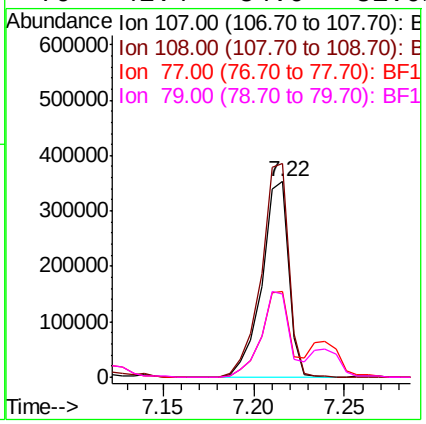


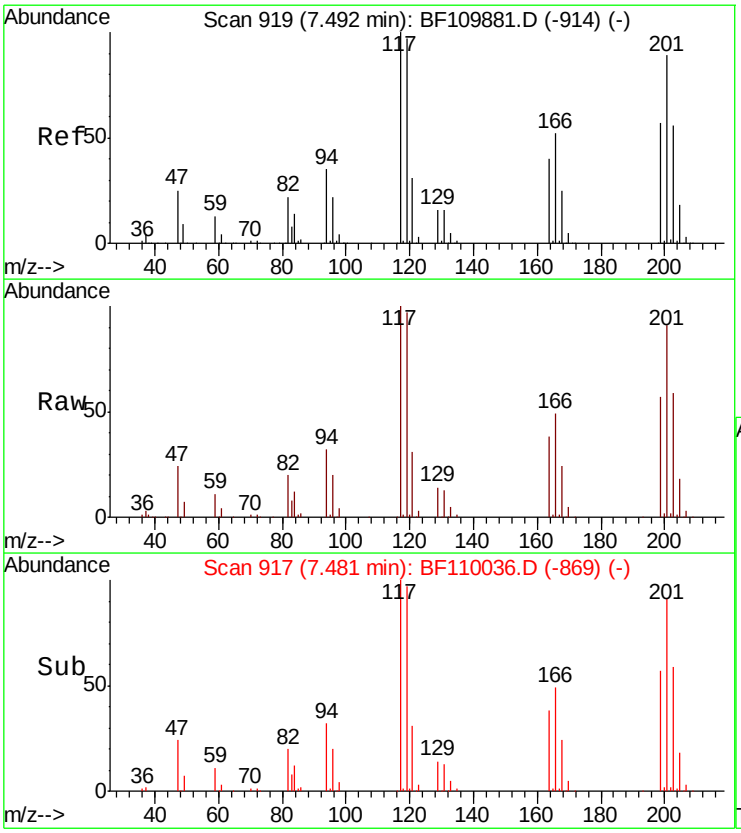

#17
2-Methylphenol
Concen: 31.568 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:107 Resp: 366571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 109.4 | 92.6 | 138.8 |
| 77 | 43.6 | 59.4 | 89.2# |
| 79 | 42.4 | 54.0 | 81.0# |

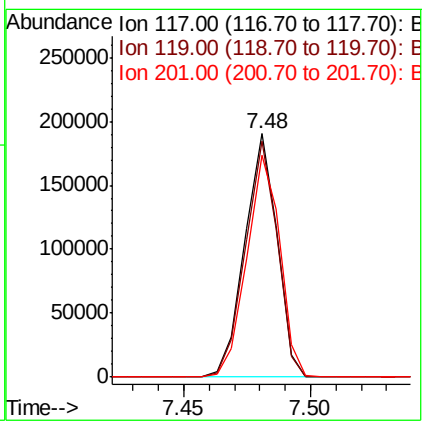


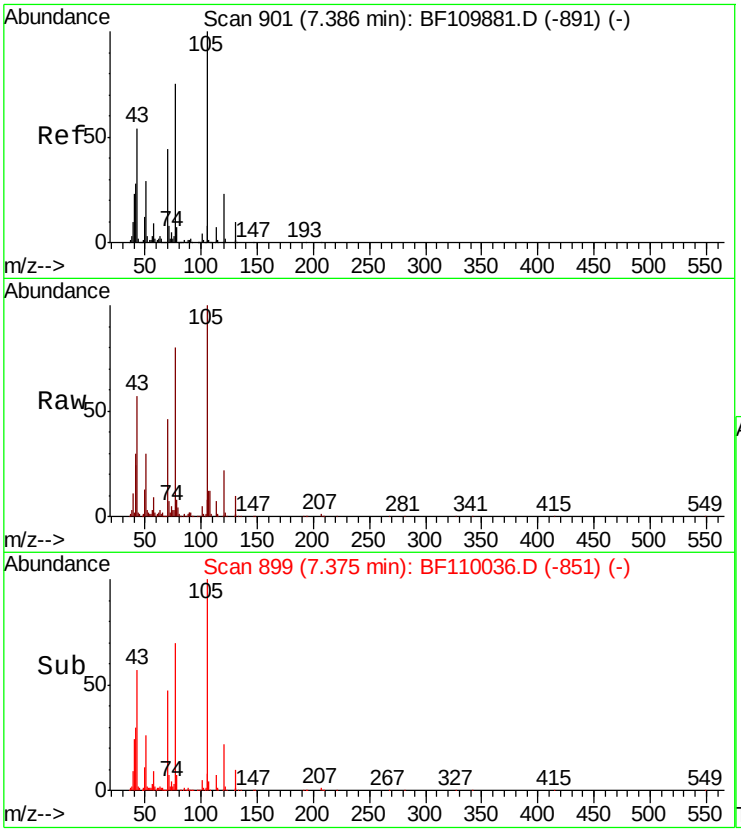




#18
Hexachloroethane
Concen: 30.052 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:117 Resp: 168887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 75.0 | 112.6 |
| 201 | 91.1 | 79.2 | 118.8 |



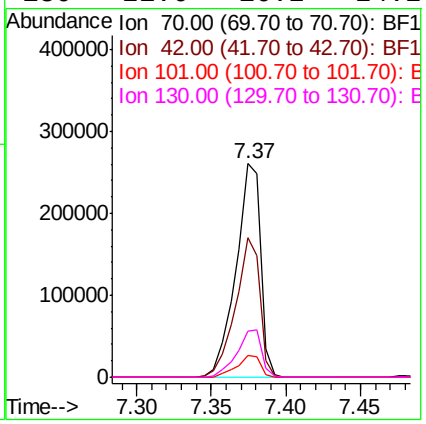


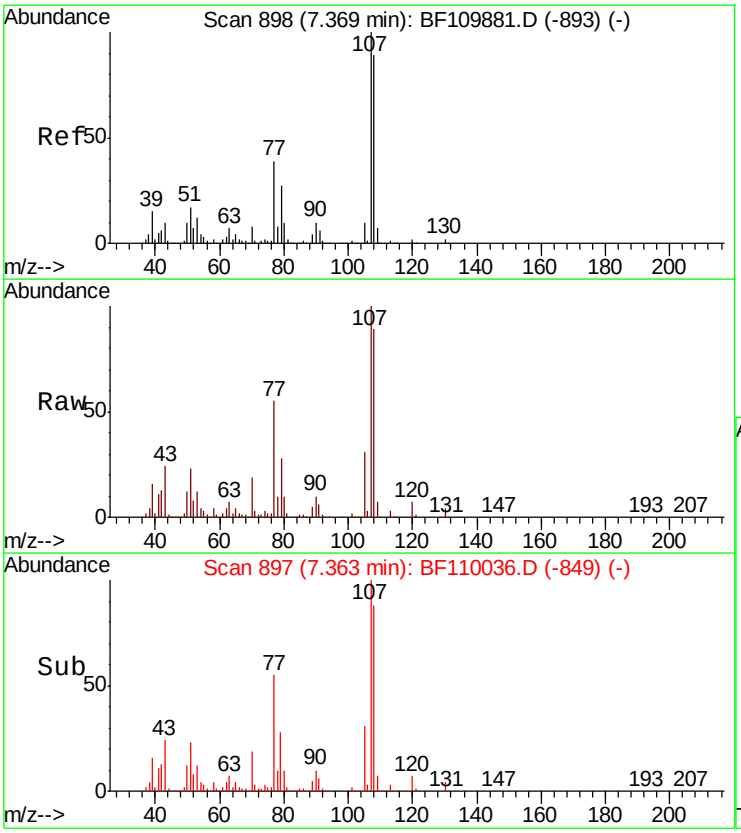

#19
n-Nitroso-di-n-propylamine
Concen: 29.312 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion: 70 Resp: 300447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 65.2 | 47.4 | 71.2 |
| 101 | 10.1 | 7.3 | 10.9 |
| 130 | 21.6 | 16.2 | 24.2 |

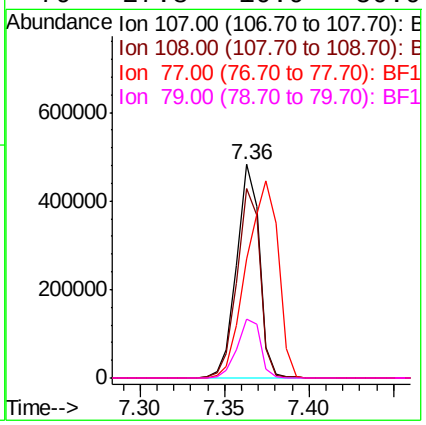


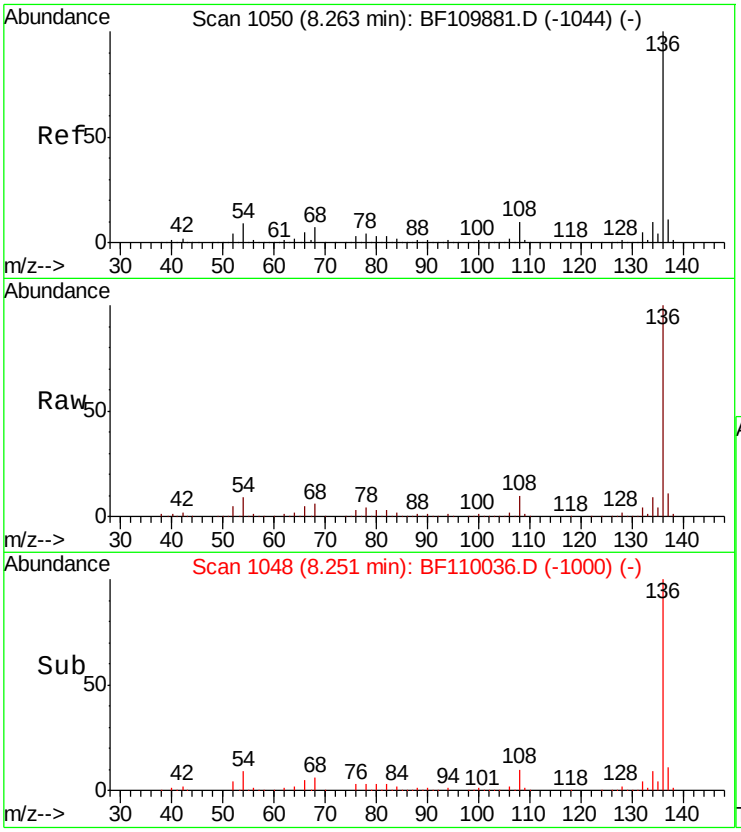




#20
3+4-Methylphenols
Concen: 30.968 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:107 Resp: 456322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.5 | 71.4 | 111.4 |
| 77 | 55.4 | 47.3 | 87.3 |
| 79 | 27.8 | 10.9 | 50.9 |



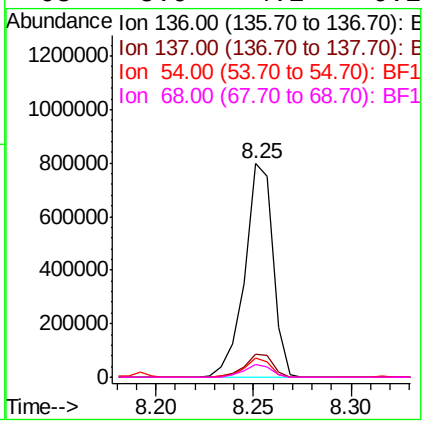


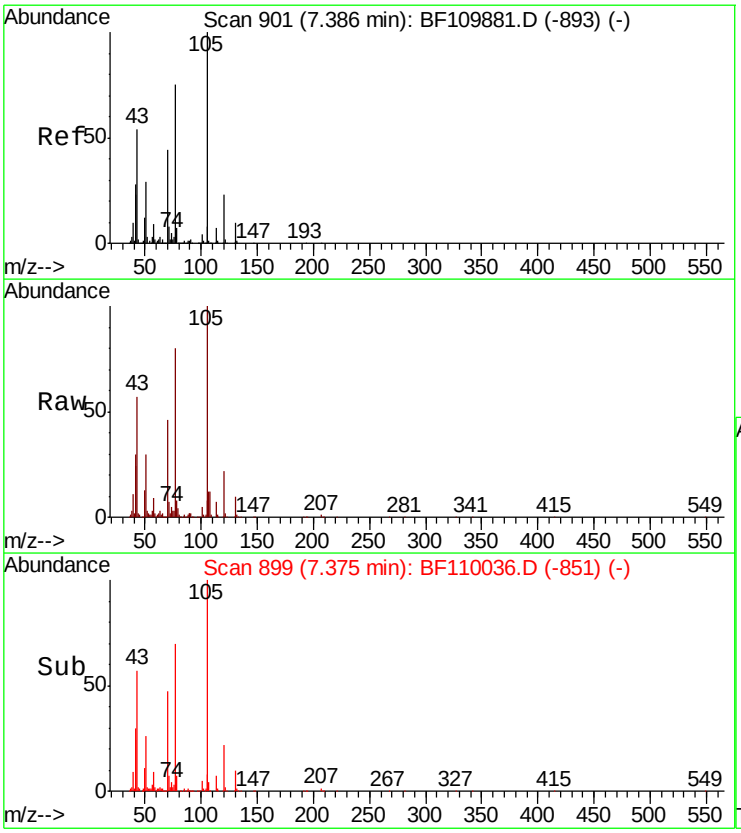

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:136 Resp: 800300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.8 | 13.2 |
| 54 | 8.9 | 5.4 | 8.2# |
| 68 | 5.9 | 4.2 | 6.2 |

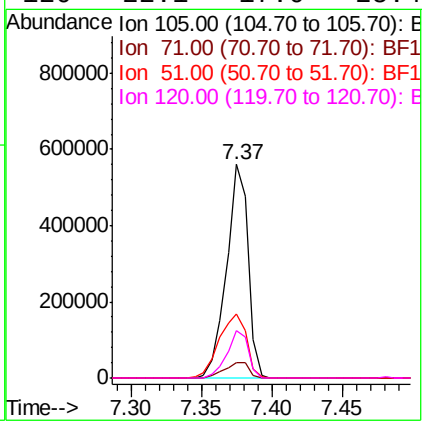


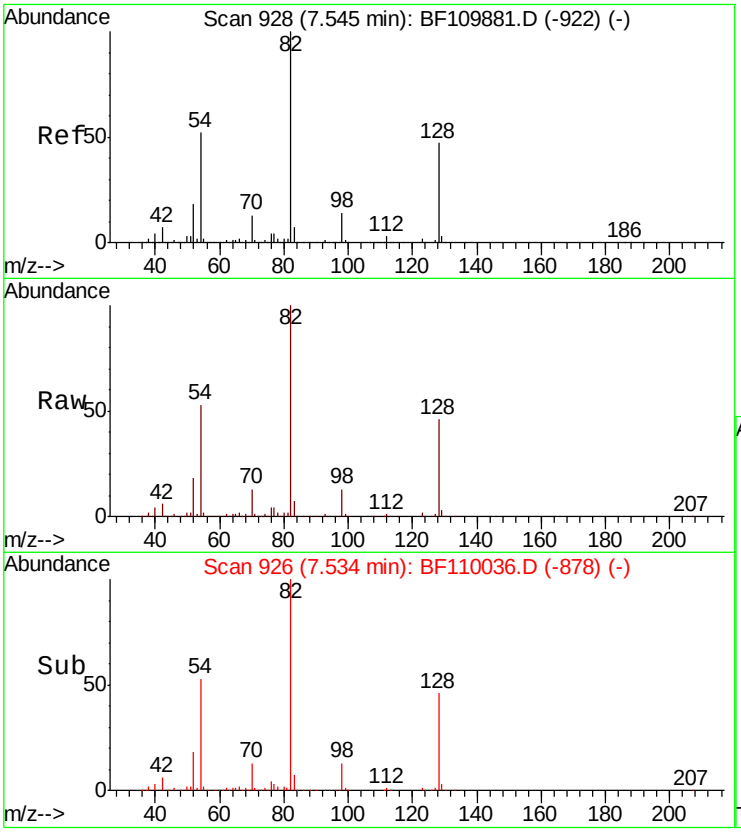




#22
Acetophenone
Concen: 31.998 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:105 Resp: 593876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.4 | 5.2 | 7.8 |
| 51 | 30.2 | 21.8 | 32.8 |
| 120 | 22.1 | 17.0 | 25.4 |



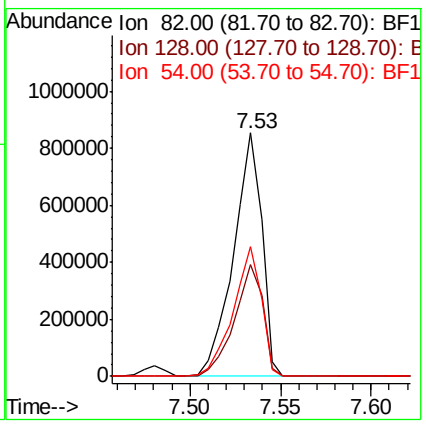


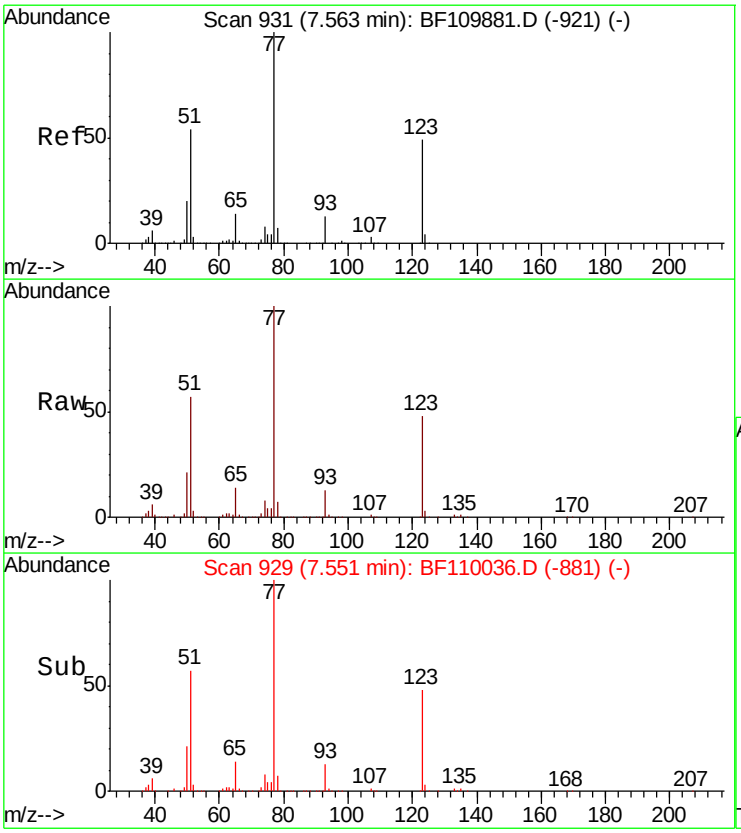

#23
Nitrobenzene-d5
Concen: 78.187 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion: 82 Resp: 928887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.9 | 34.2 | 51.2 |
| 54 | 53.4 | 38.6 | 58.0 |

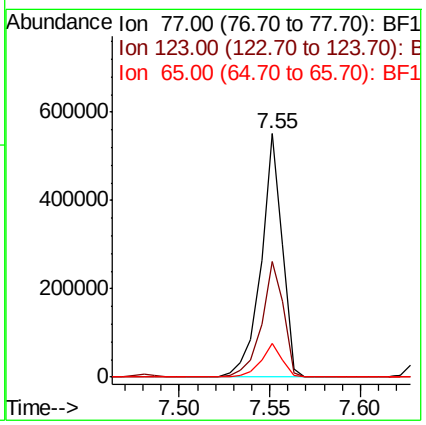


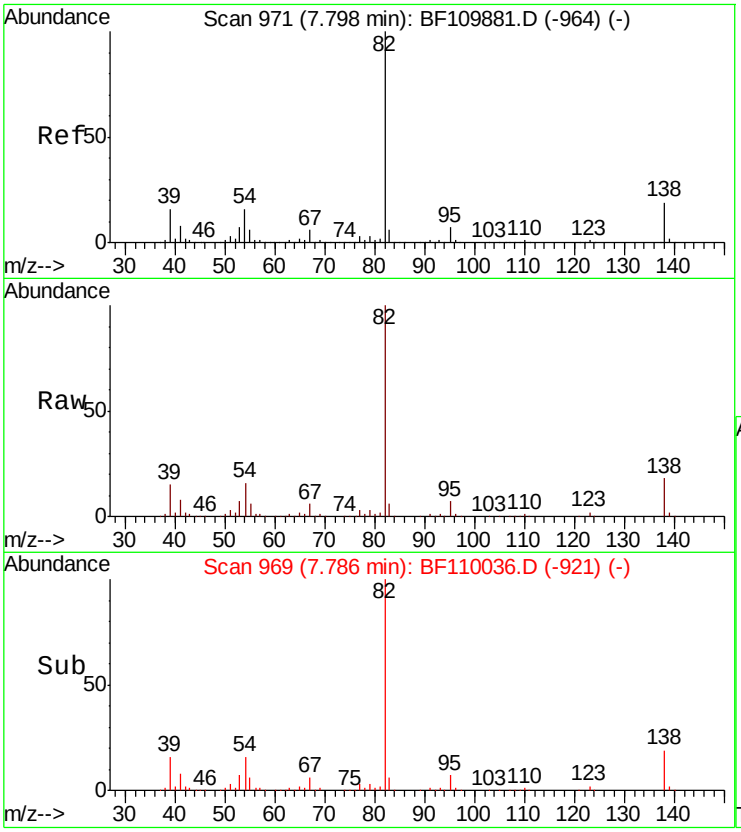




#24
Nitrobenzene
Concen: 34.706 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion: 77 Resp: 447915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.6 | 35.7 | 53.5 |
| 65 | 14.0 | 10.7 | 16.1 |



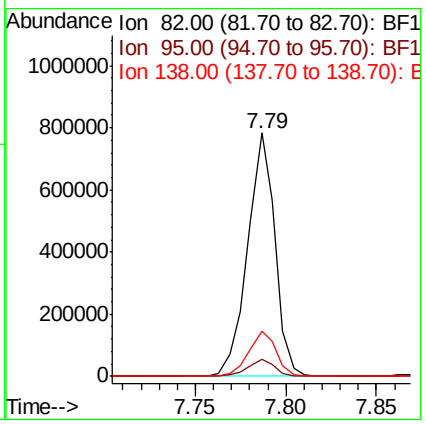


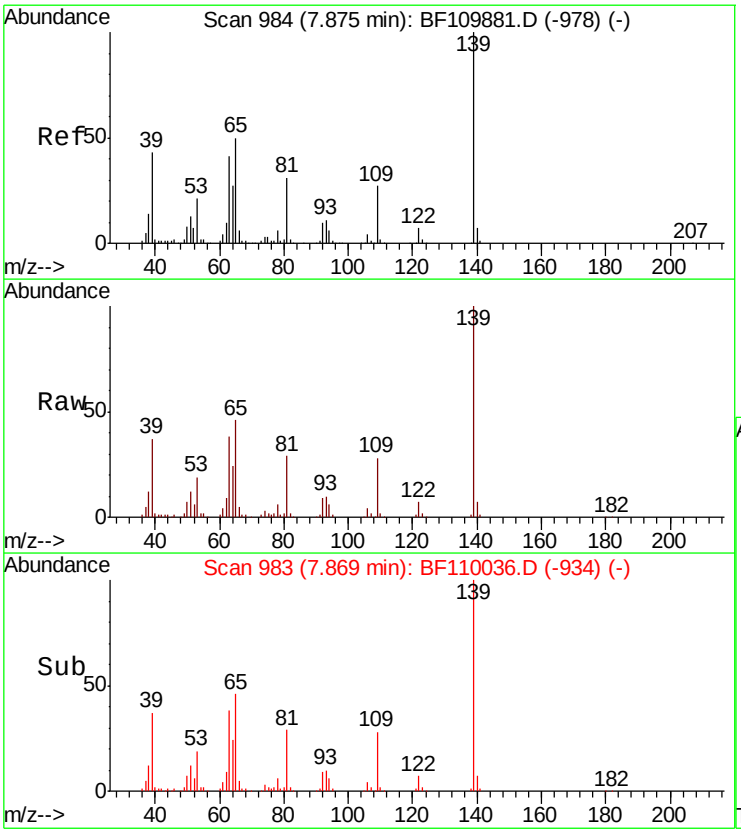

#25
Isophorone
Concen: 35.232 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion: 82 Resp: 822434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.7 | 8.5 |
| 138 | 18.4 | 13.2 | 19.8 |

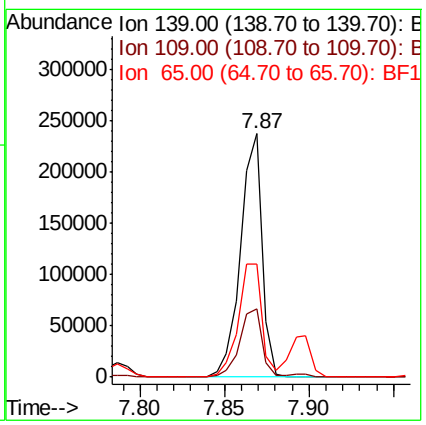


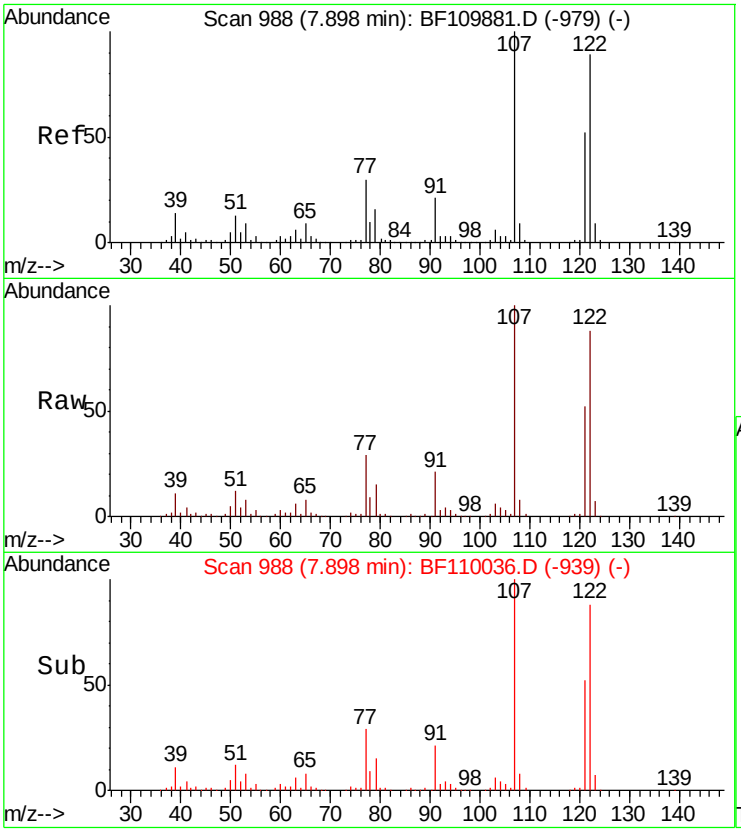




#26
2-Nitrophenol
Concen: 39.619 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:139 Resp: 212007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.0 | 25.0 | 37.6 |
| 65 | 46.4 | 44.0 | 66.0 |



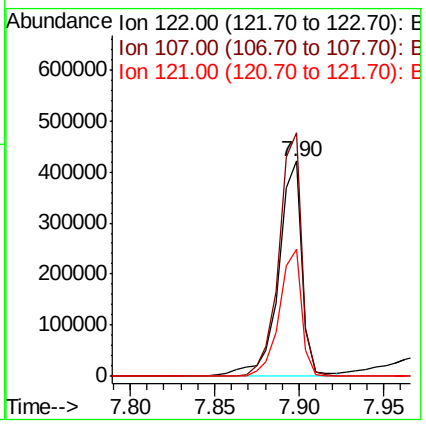


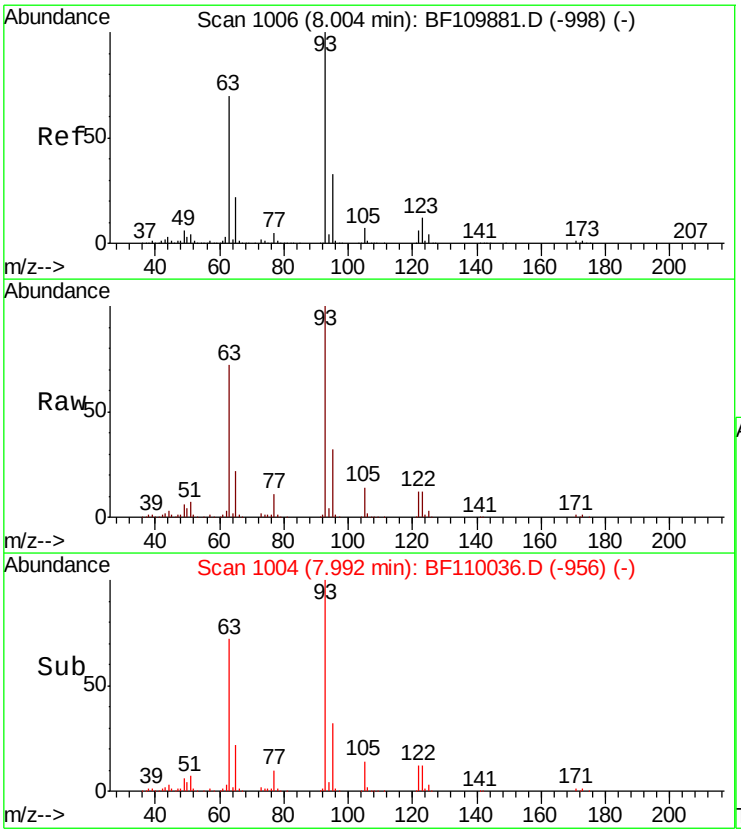

#27
2,4-Dimethylphenol
Concen: 36.273 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:122 Resp: 407849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.3 | 92.5 | 138.7 |
| 121 | 59.1 | 45.8 | 68.8 |

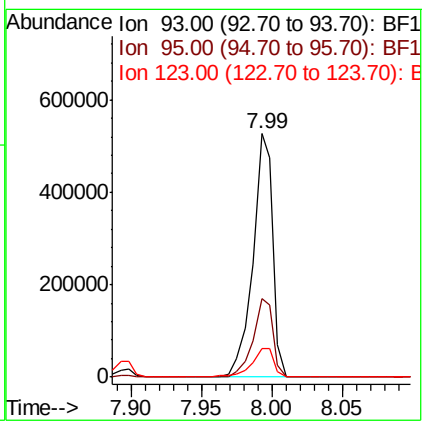


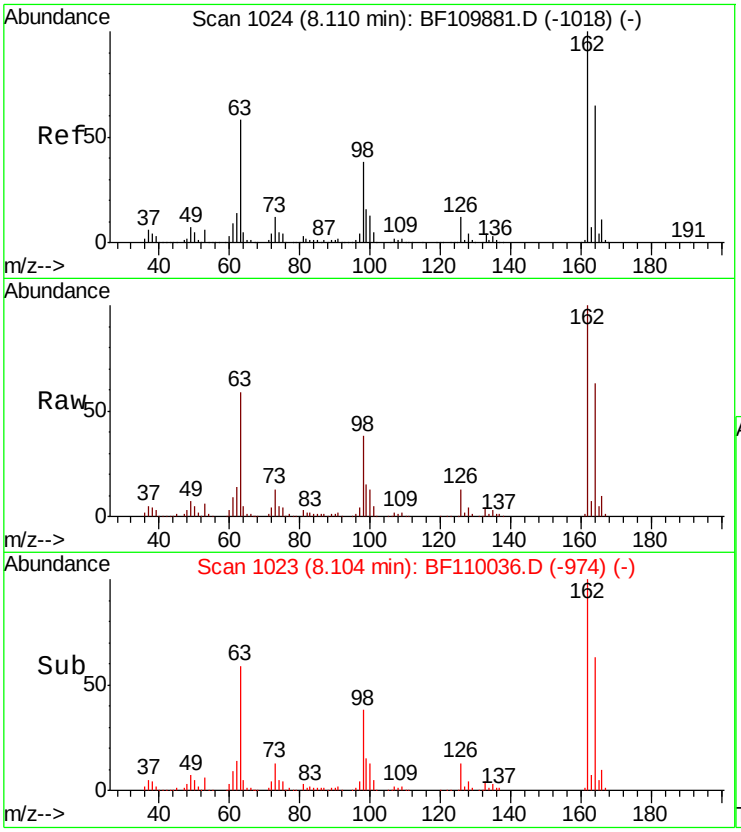




#28
bis(2-Chloroethoxy)methane
Concen: 32.555 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion: 93 Resp: 521545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.3 | 26.4 | 39.6 |
| 123 | 11.9 | 9.0 | 13.6 |

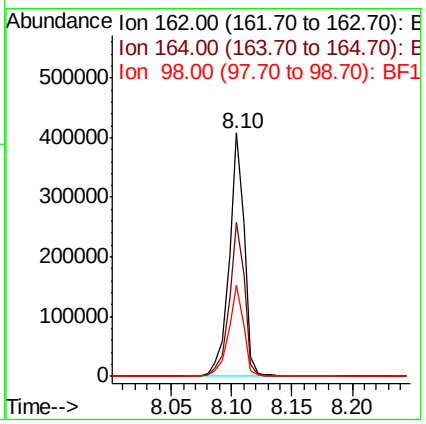




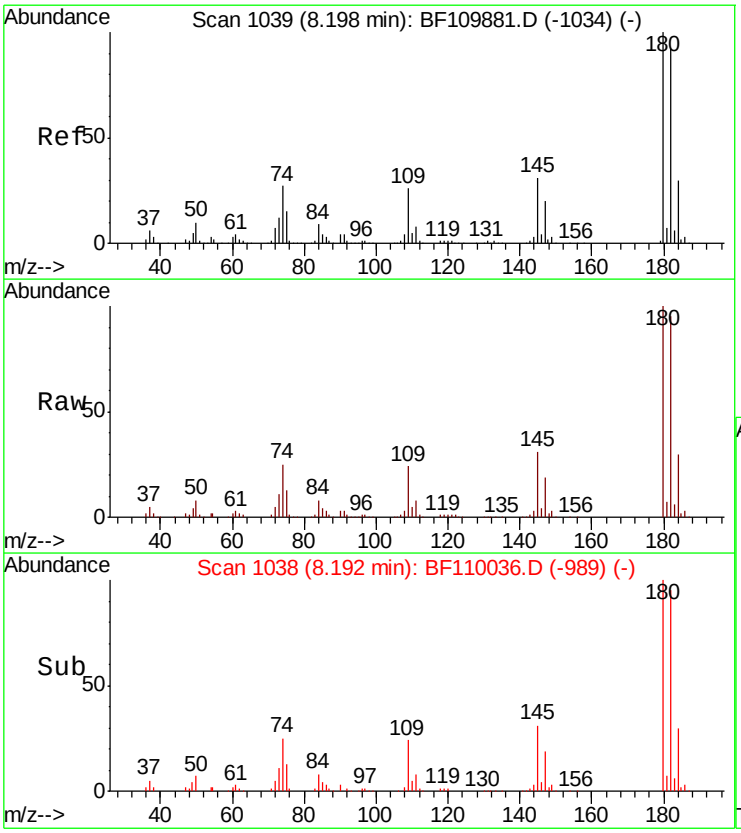

#29
2,4-Dichlorophenol
Concen: 32.450 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:162 Resp: 353950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.1 | 44.6 | 84.6 |
| 98 | 37.7 | 17.4 | 57.4 |



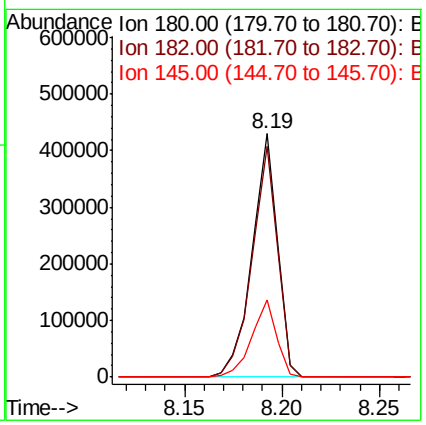

**Instrument :**
BNA_F
**ClientSampleId :**

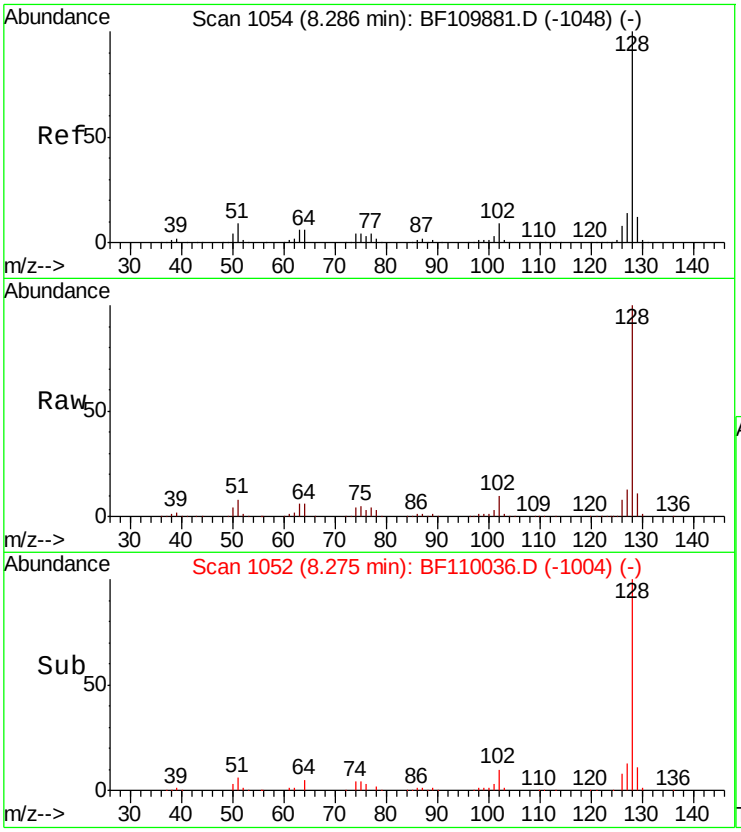



#30
1,2,4-Trichlorobenzene
Concen: 31.656 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:180 Resp: 386611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.9 | 80.3 | 120.5 |
| 145 | 31.5 | 25.4 | 38.0 |



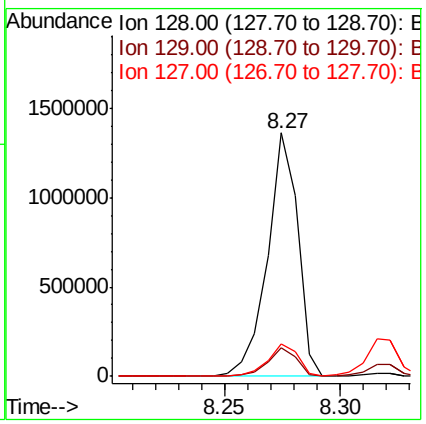


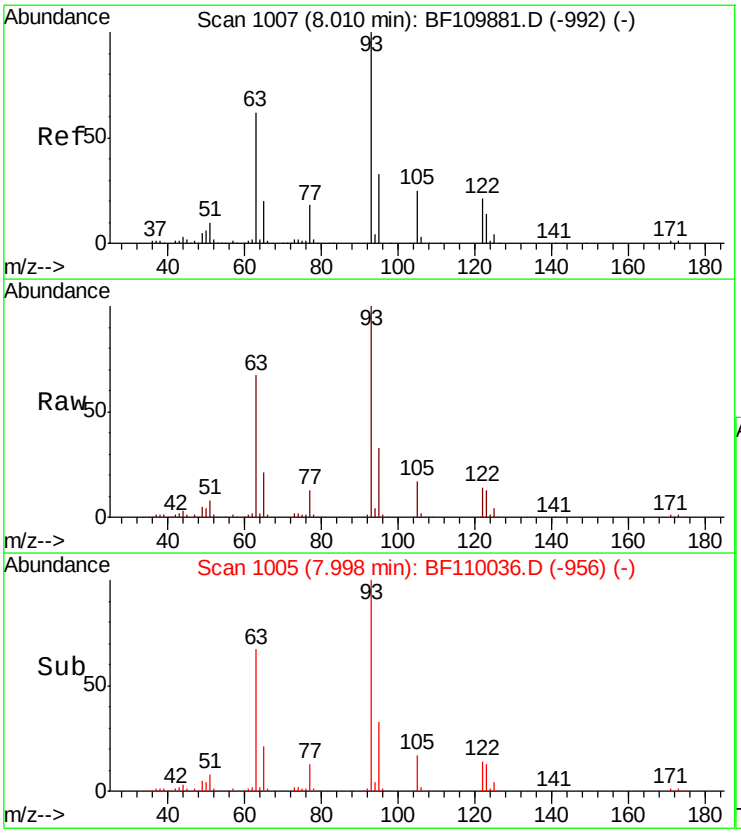

#31
Naphthalene
Concen: 33.804 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:128 Resp: 1240556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 8.8 | 13.2 |
| 127 | 13.4 | 10.8 | 16.2 |

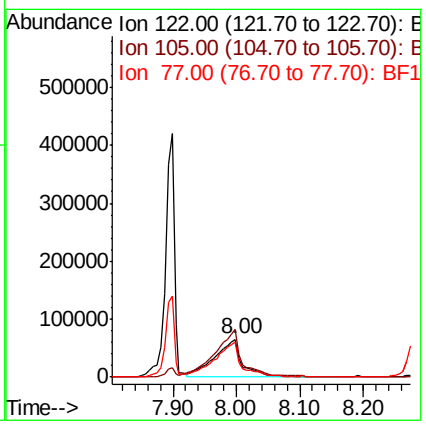


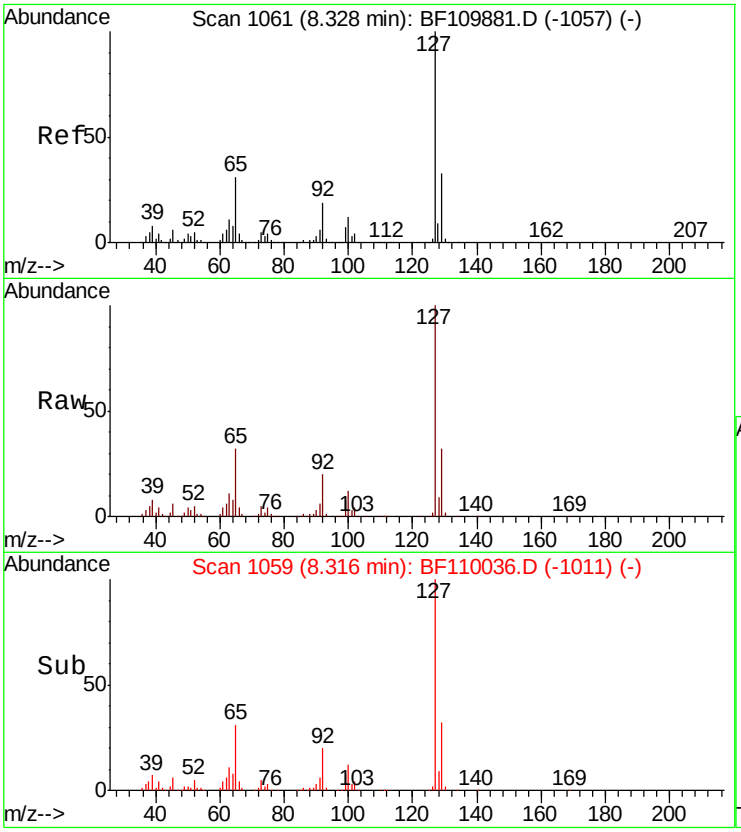




#32
Benzoic acid
Concen: 28.521 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:122 Resp: 199811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.3 | 109.0 | 149.0 |
| 77 | 94.1 | 79.0 | 119.0 |



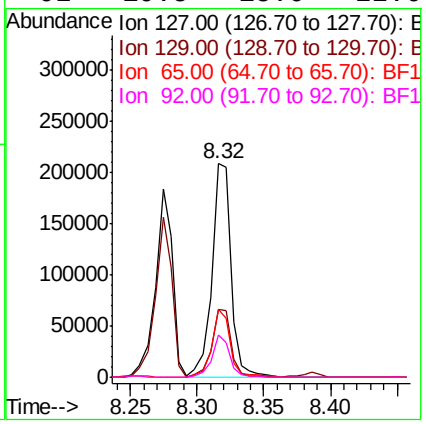


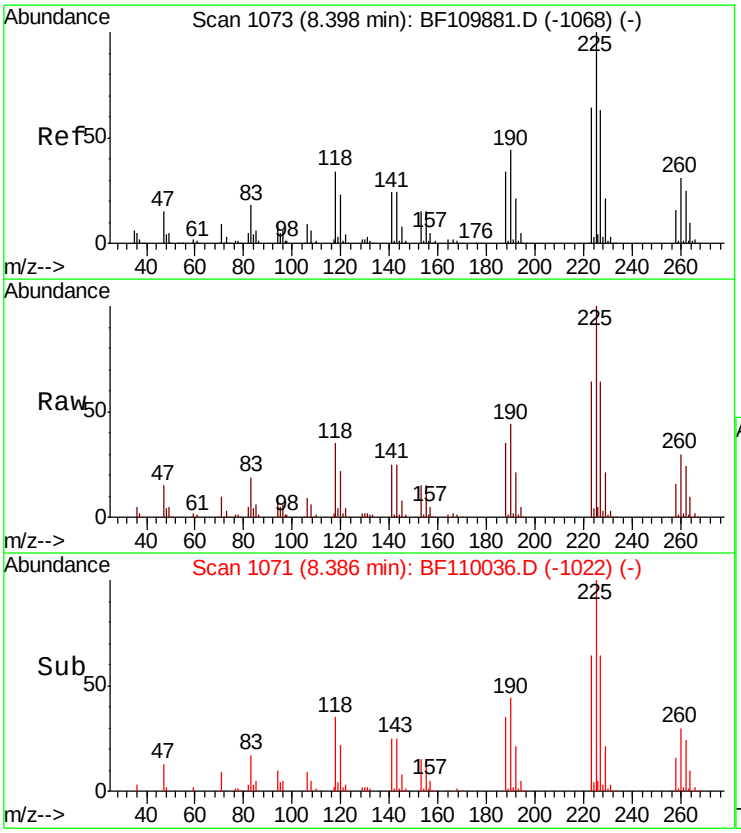

#33
4-Chloroaniline
Concen: 12.832 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:127 Resp: 211686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.1 | 26.0 | 39.0 |
| 65 | 31.7 | 25.1 | 37.7 |
| 92 | 19.5 | 15.0 | 22.6 |

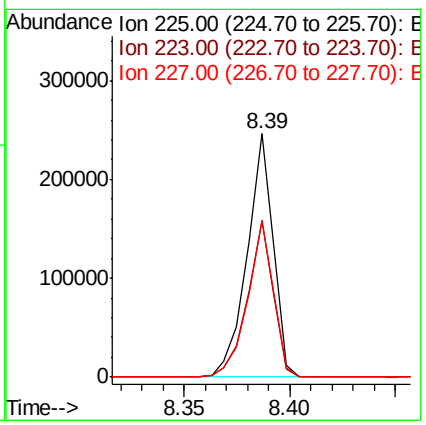


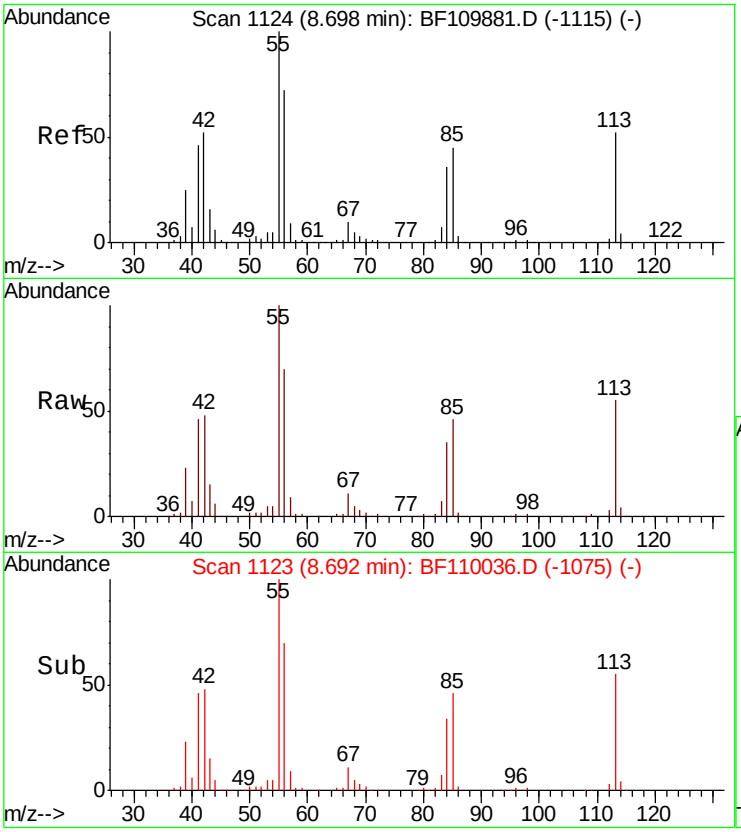




#34
Hexachlorobutadiene
Concen: 31.514 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:225 Resp: 212231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.2 | 51.4 | 77.2 |
| 227 | 64.2 | 51.0 | 76.6 |



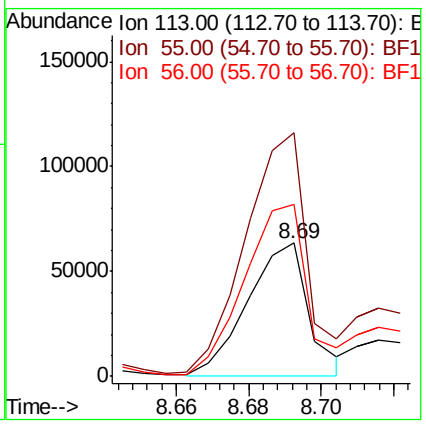


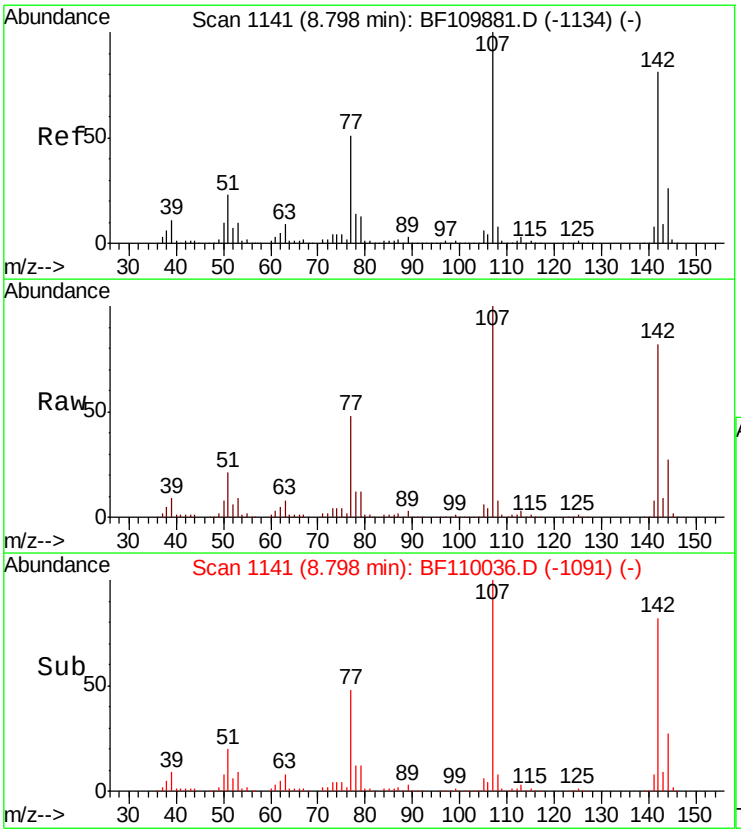

#35
Caprolactam
Concen: 19.222 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:113 Resp: 74461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 182.6 | 142.8 | 182.8 |
| 56 | 128.6 | 105.0 | 145.0 |

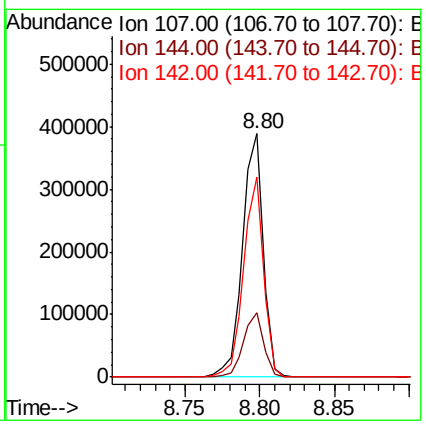


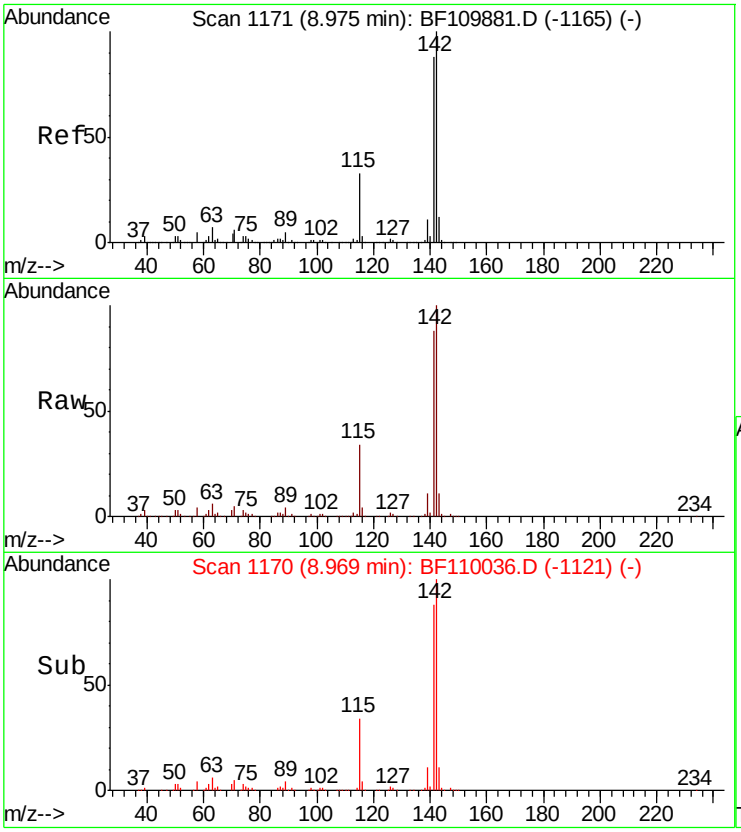




#36
4-Chloro-3-methylphenol
Concen: 32.377 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:107 Resp: 372556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.7 | 20.0 | 30.0 |
| 142 | 82.0 | 59.7 | 89.5 |



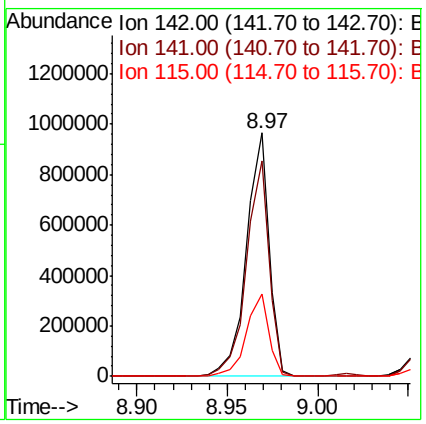


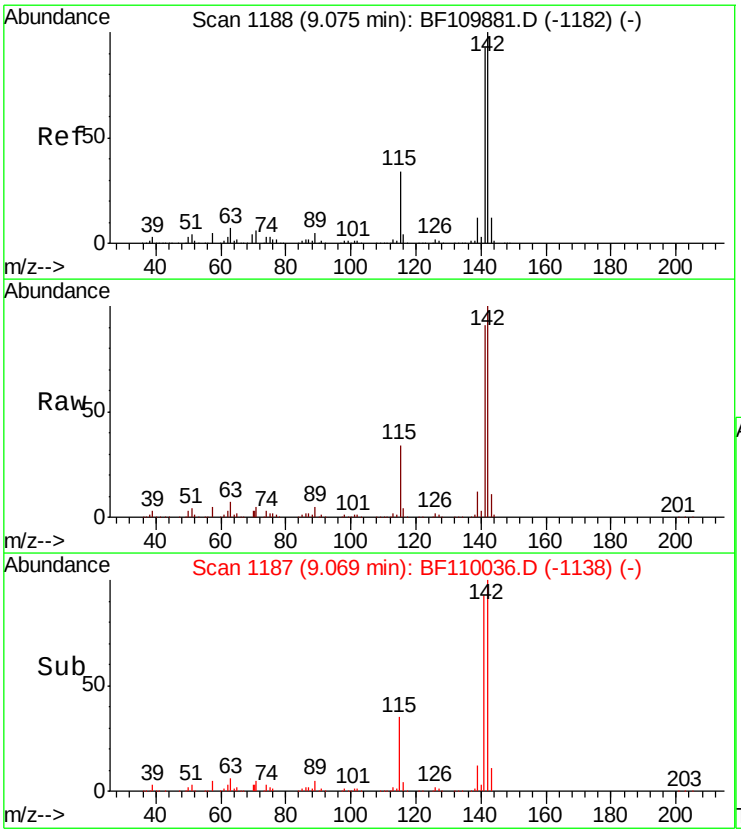

#37
2-Methylnaphthalene
Concen: 35.271 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:142 Resp: 838161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.3 | 71.4 | 107.2 |
| 115 | 33.6 | 28.7 | 43.1 |

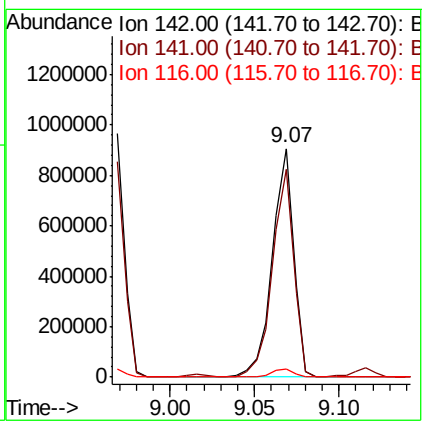


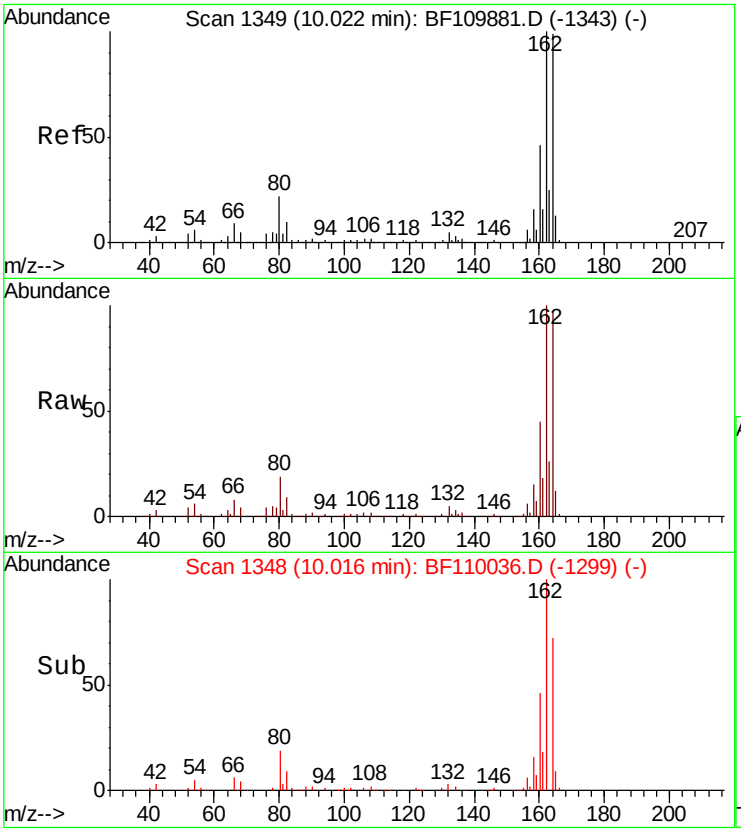




#38
1-Methylnaphthalene
Concen: 34.519 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:142 Resp: 794858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.9 | 74.2 | 111.4 |
| 116 | 3.6 | 2.6 | 4.0 |



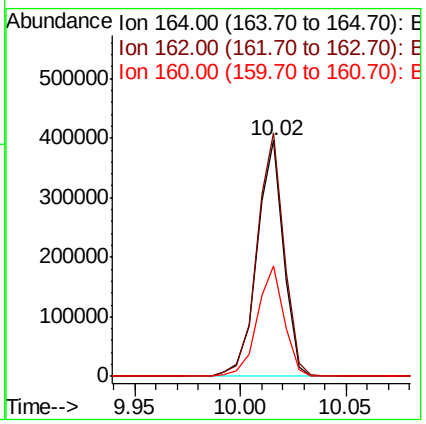


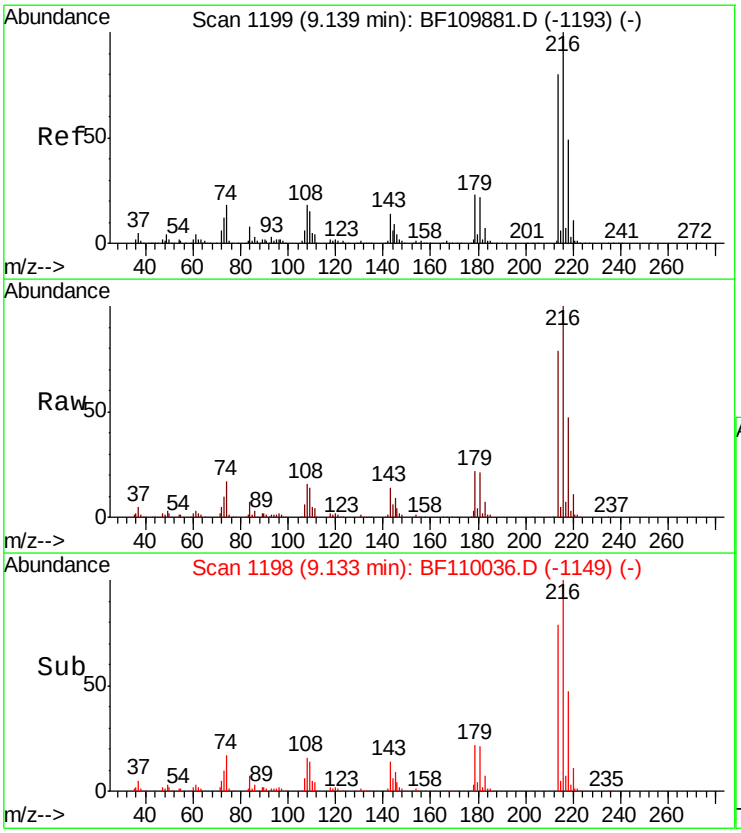

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:164 Resp: 345878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.4 | 83.0 | 124.6 |
| 160 | 46.8 | 37.0 | 55.6 |

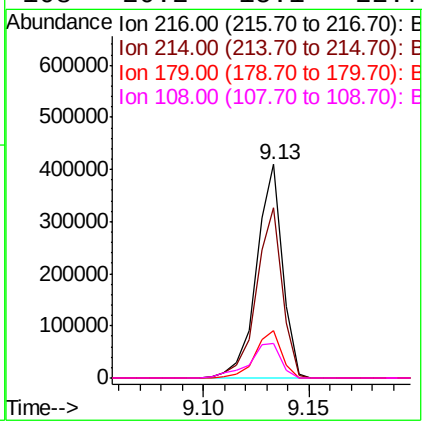


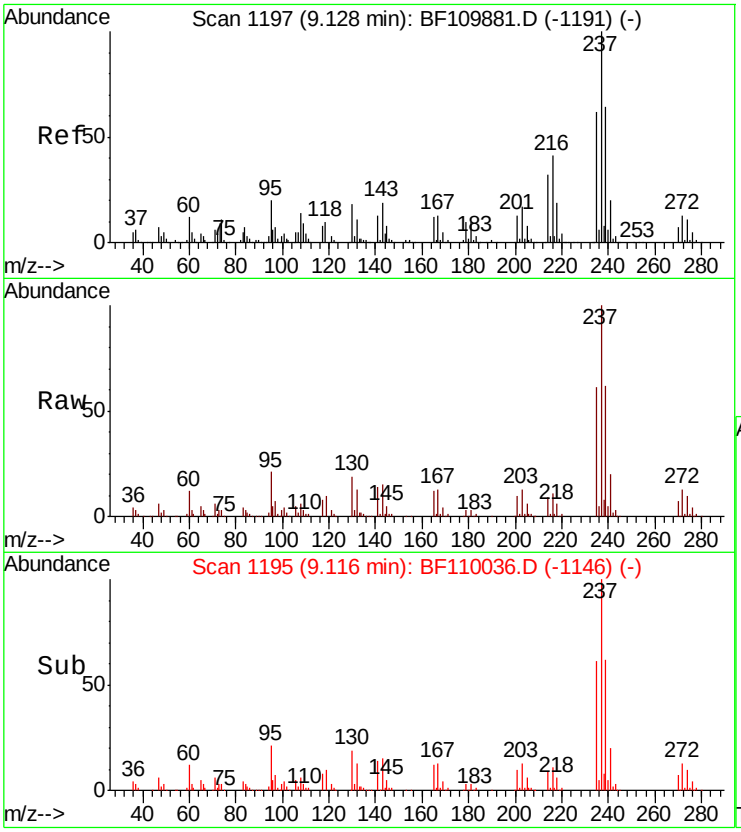




#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.954 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:216 Resp: 351072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.5 | 63.8 | 95.6 |
| 179 | 22.7 | 16.6 | 25.0 |
| 108 | 20.2 | 15.1 | 22.7 |



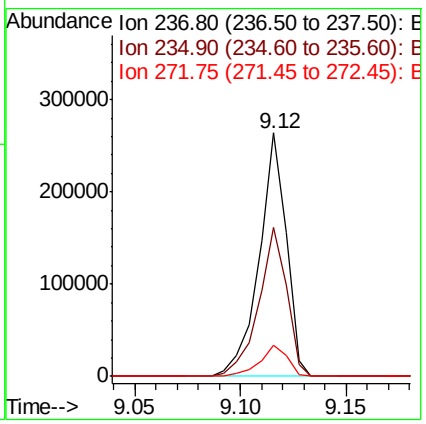


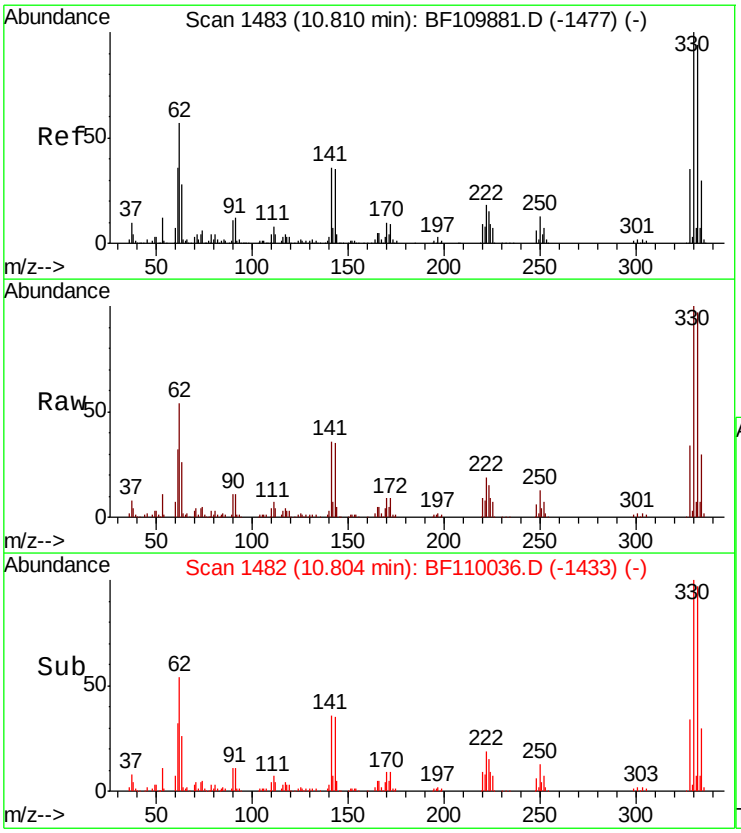

#41
Hexachlorocyclopentadiene
Concen: 45.995 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:237 Resp: 236502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.3 | 43.1 | 83.1 |
| 272 | 12.6 | 0.0 | 32.6 |

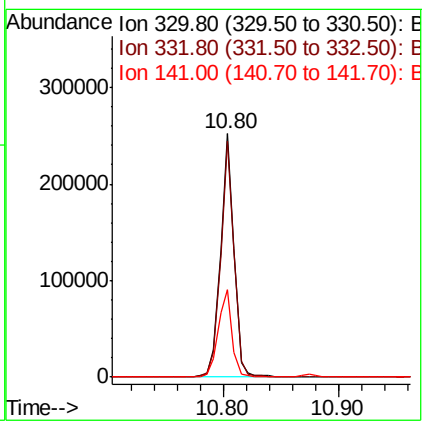


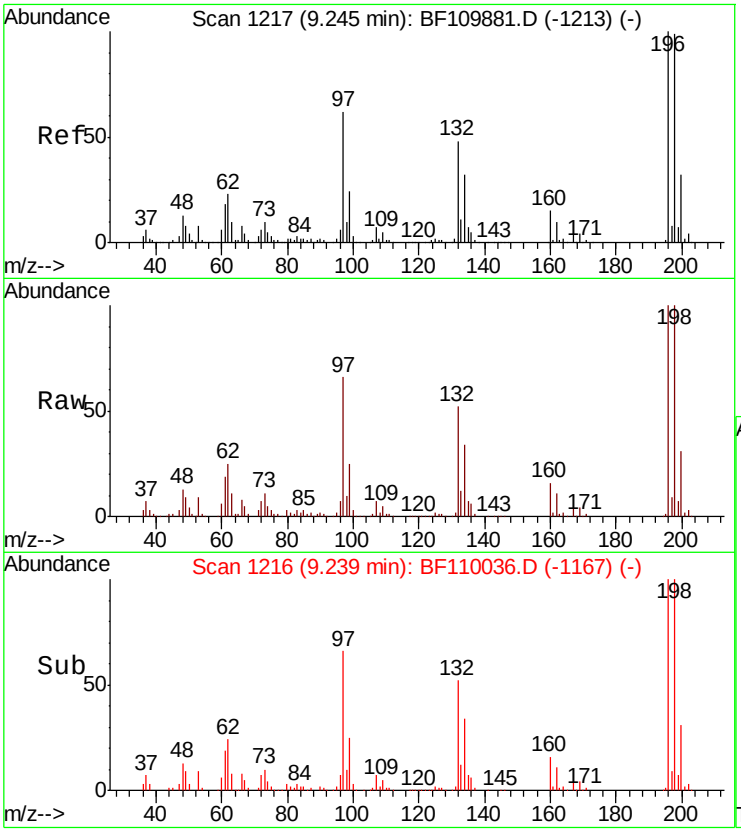




#42
2,4,6-Tribromophenol
Concen: 68.229 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:330 Resp: 204314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 77.1 | 115.7 |
| 141 | 36.7 | 27.0 | 40.4 |



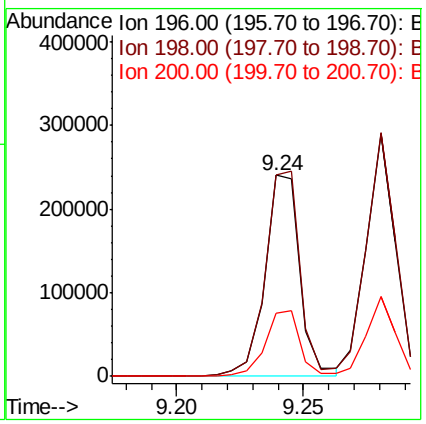


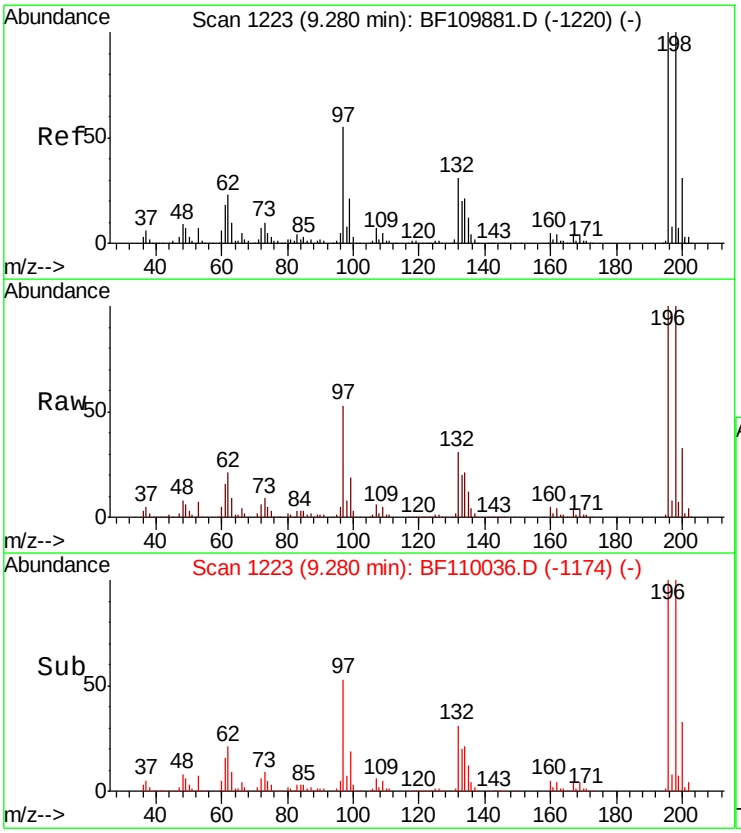

#43
2,4,6-Trichlorophenol
Concen: 35.097 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:196 Resp: 233800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.2 | 76.2 | 114.4 |
| 200 | 31.4 | 24.4 | 36.6 |

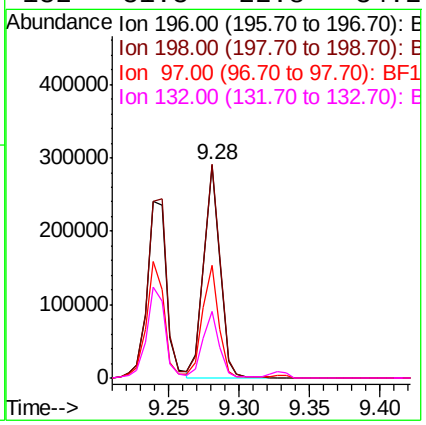


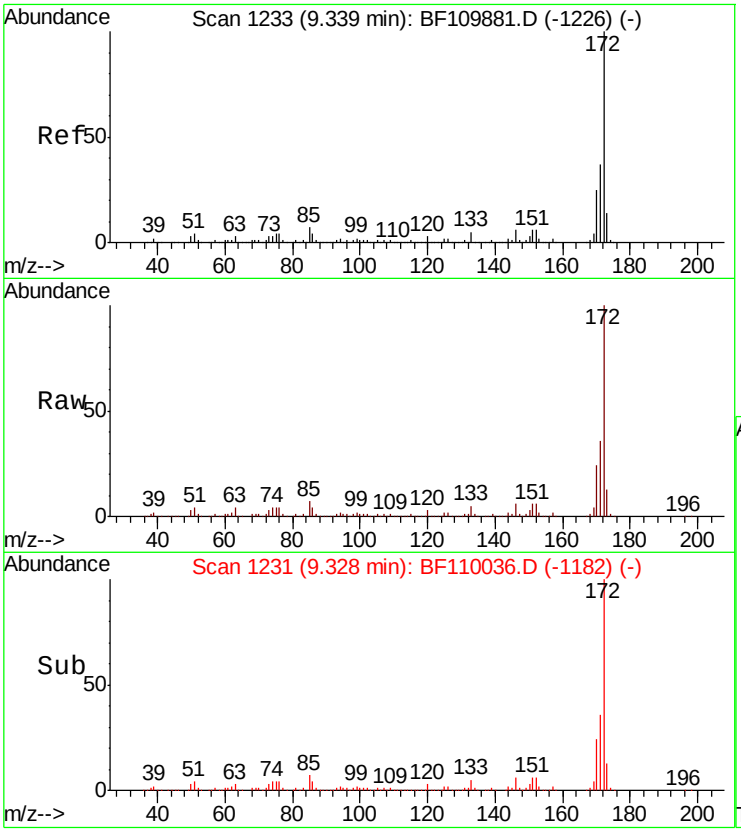




#44
2,4,5-Trichlorophenol
Concen: 34.361 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:196 Resp: 237562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.4 | 75.8 | 113.6 |
| 97 | 52.9 | 42.4 | 63.6 |
| 132 | 31.3 | 22.8 | 34.2 |



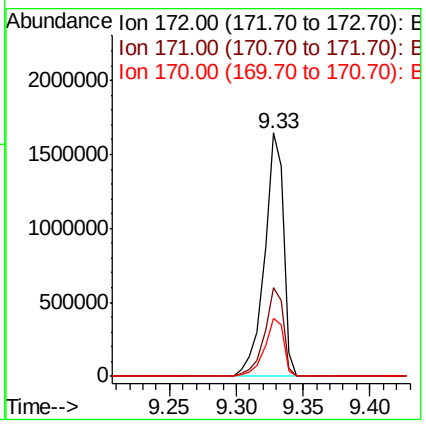


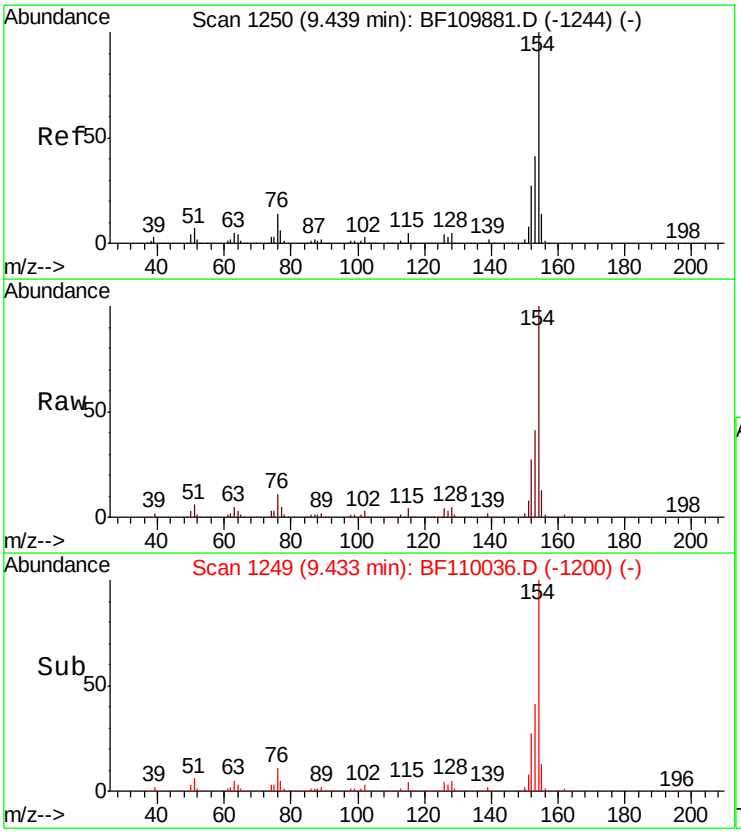

#45
2-Fluorobiphenyl
Concen: 74.807 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:172 Resp: 1621527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 28.6 | 43.0 |
| 170 | 23.8 | 19.7 | 29.5 |

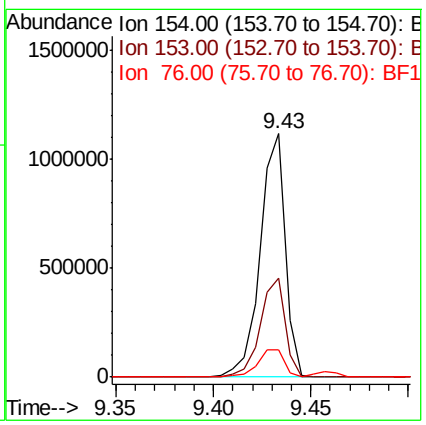


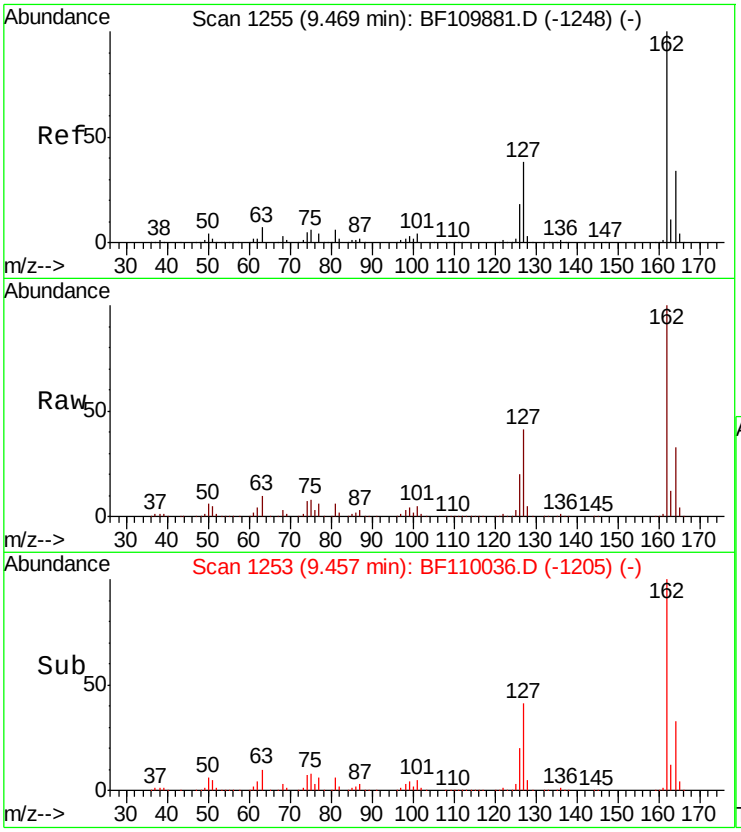




#46
1,1'-Biphenyl
Concen: 32.312 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:154 Resp: 995738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.8 | 20.4 | 60.4 |
| 76 | 11.0 | 0.0 | 31.9 |



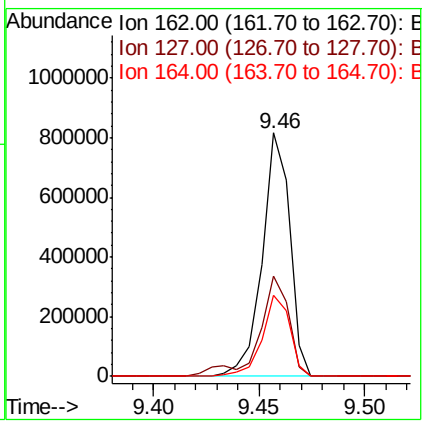


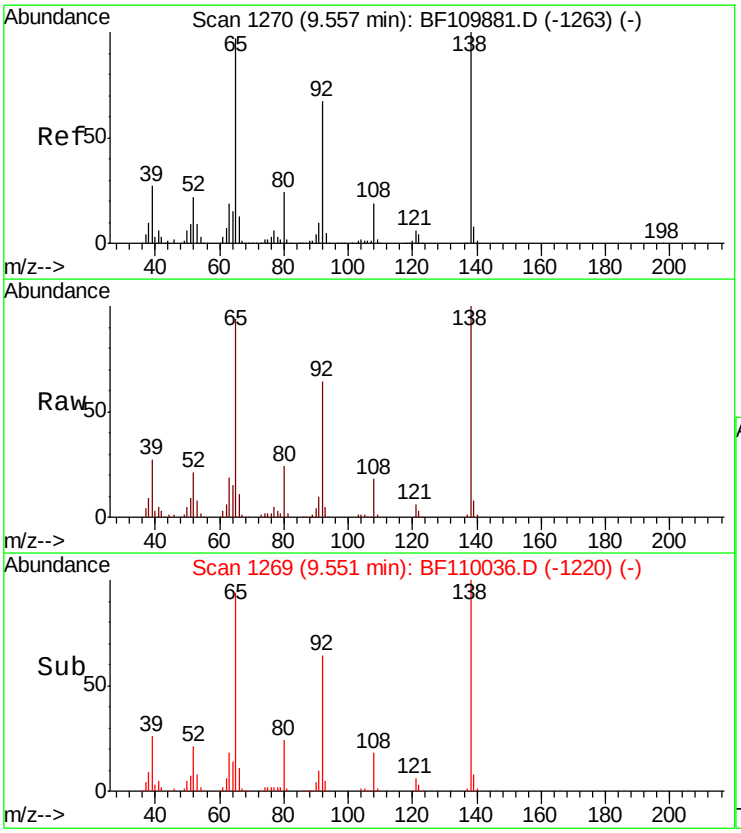

#47
2-Chloronaphthalene
Concen: 32.755 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:162 Resp: 743503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.4 | 32.6 | 48.8 |
| 164 | 33.3 | 25.9 | 38.9 |

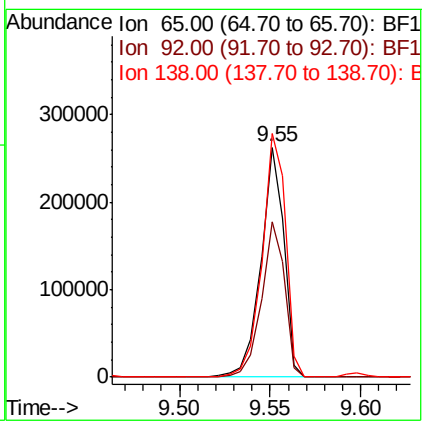


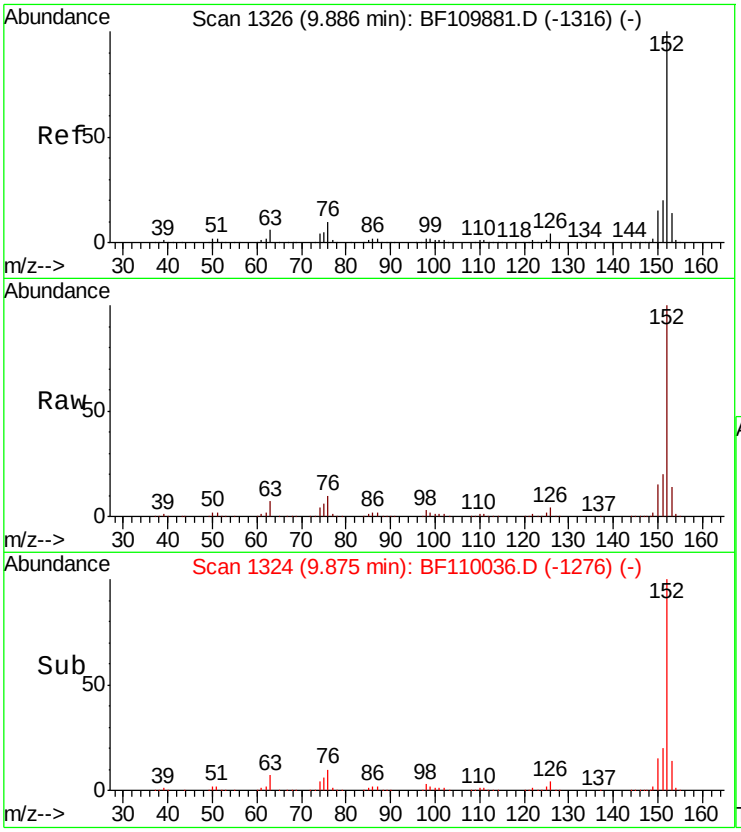




#48
2-Nitroaniline
Concen: 39.943 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion: 65 Resp: 232678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 67.4 | 54.6 | 81.8 |
| 138 | 105.9 | 80.3 | 120.5 |



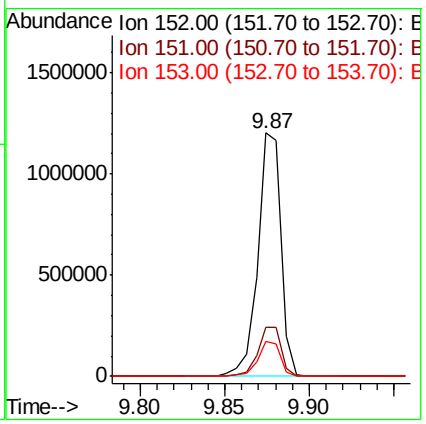


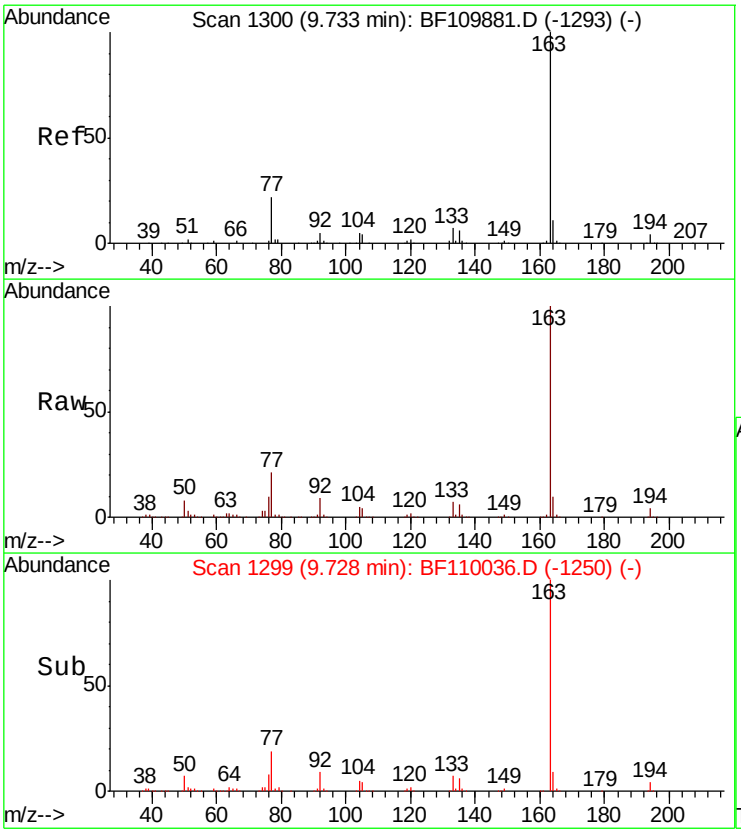

#49
Acenaphthylene
Concen: 34.639 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:152 Resp: 1142246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 15.8 | 23.8 |
| 153 | 14.2 | 10.4 | 15.6 |

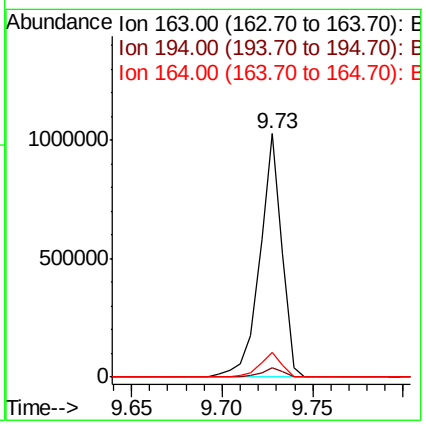


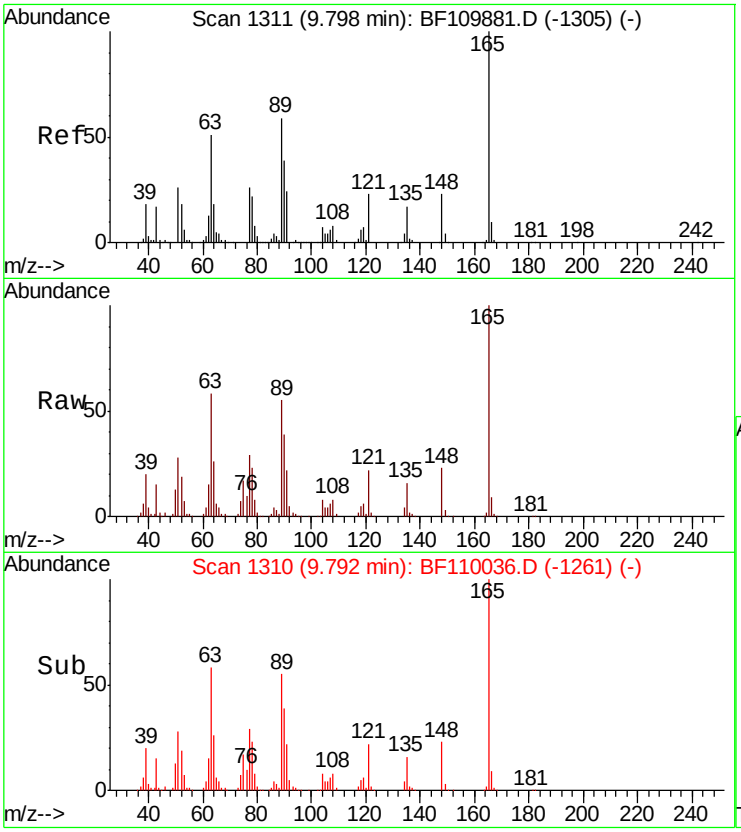




#50
Dimethylphthalate
Concen: 35.214 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:163 Resp: 862440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 3.2 | 4.8 |
| 164 | 10.4 | 8.1 | 12.1 |



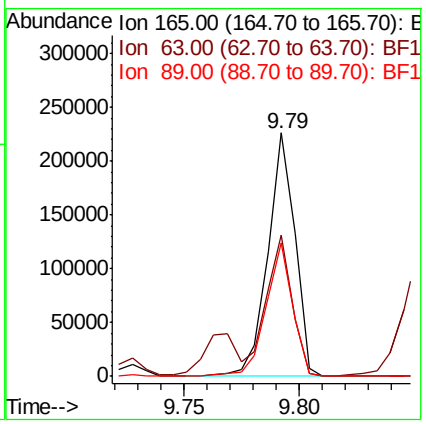


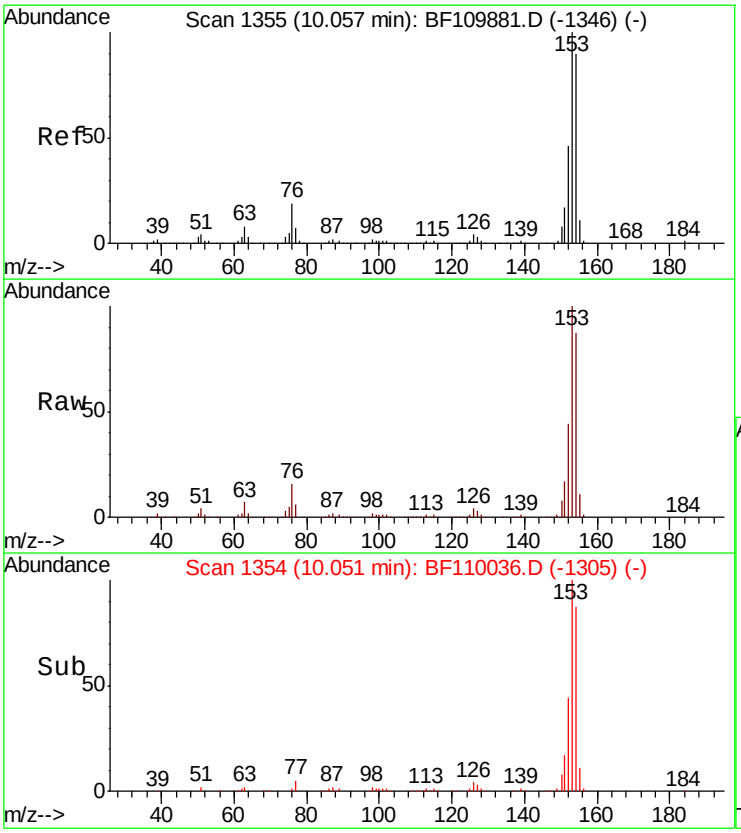

#51
2,6-Dinitrotoluene
Concen: 39.638 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:165 Resp: 184385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 58.1 | 48.9 | 73.3 |
| 89 | 54.6 | 46.6 | 69.8 |

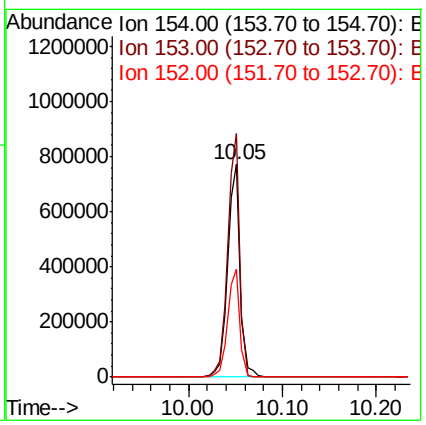


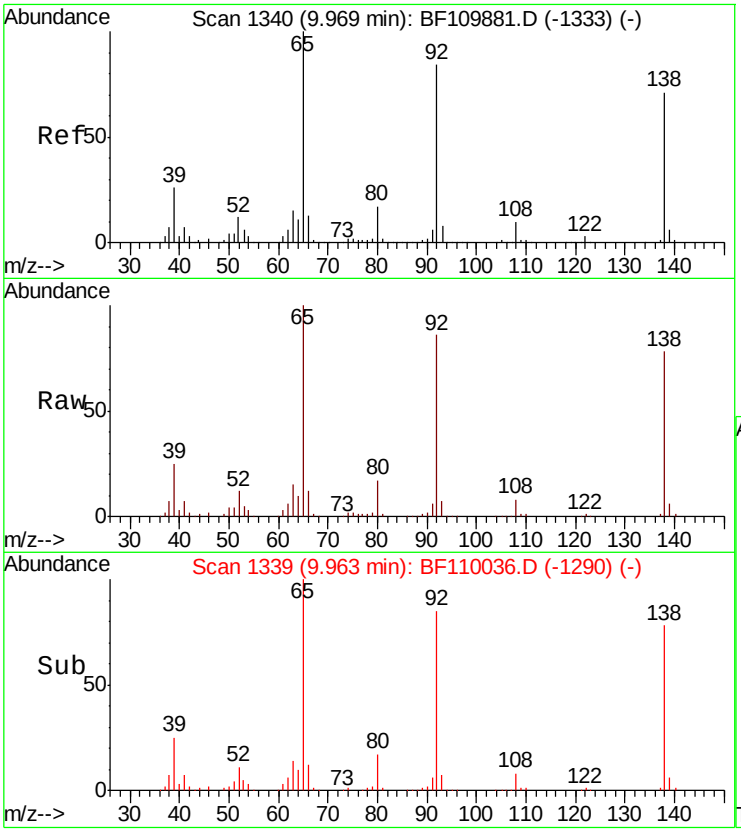




#52
Acenaphthene
Concen: 33.722 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:154 Resp: 707971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.6 | 90.1 | 135.1 |
| 152 | 50.7 | 43.4 | 65.2 |

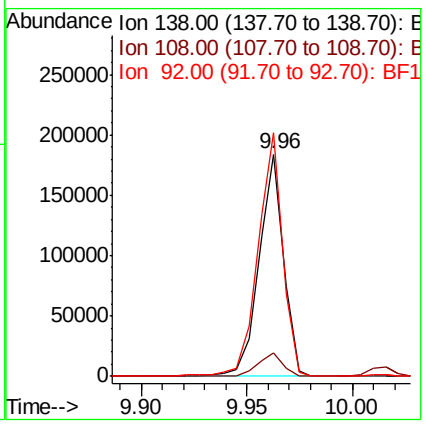




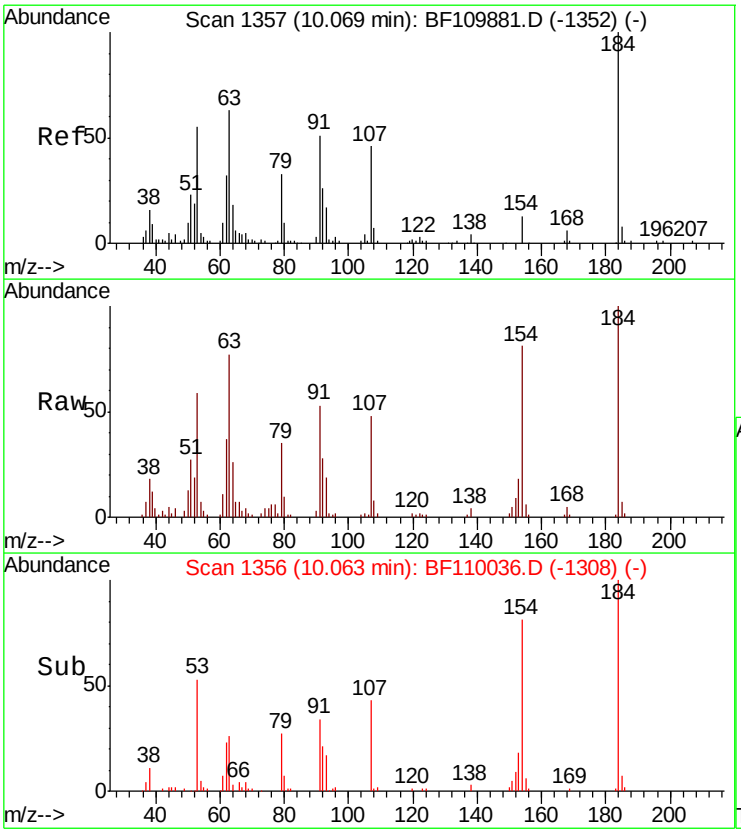

#53
3-Nitroaniline
Concen: 26.253 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:138 Resp: 148554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.8 | 8.7 | 13.1 |
| 92 | 109.5 | 97.0 | 145.4 |



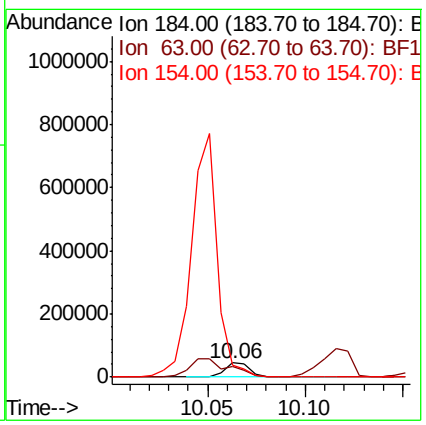

**Instrument :**
BNA_F
**ClientSampleId :**

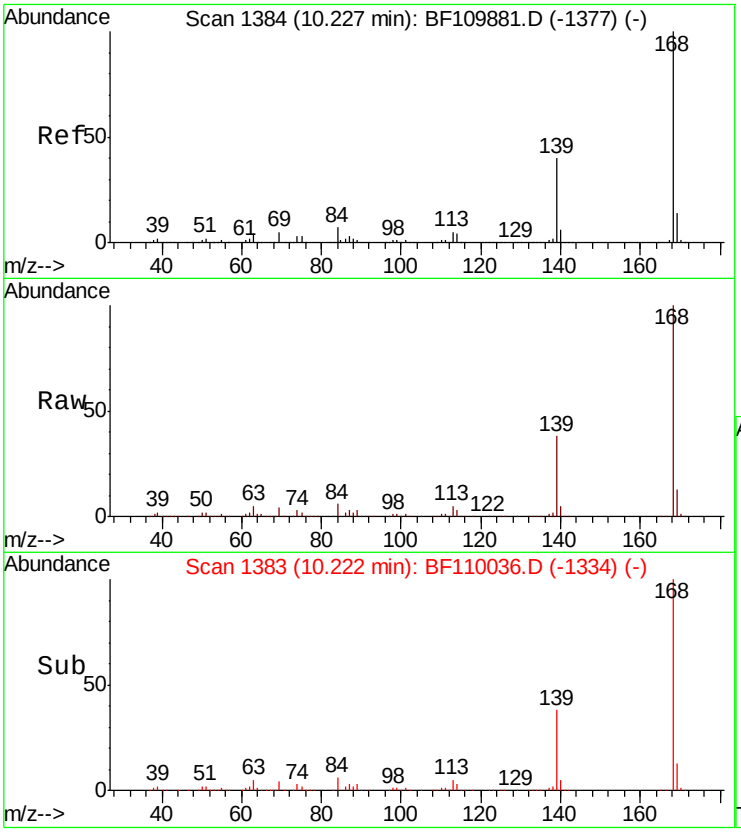



#54
2,4-Dinitrophenol
Concen: 32.815 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:184 Resp: 39865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 76.6 | 55.8 | 83.6 |
| 154 | 81.2 | 63.2 | 94.8 |



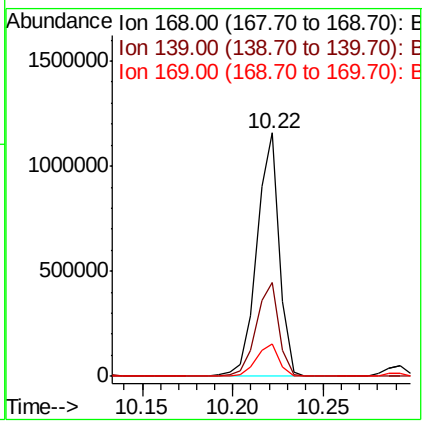


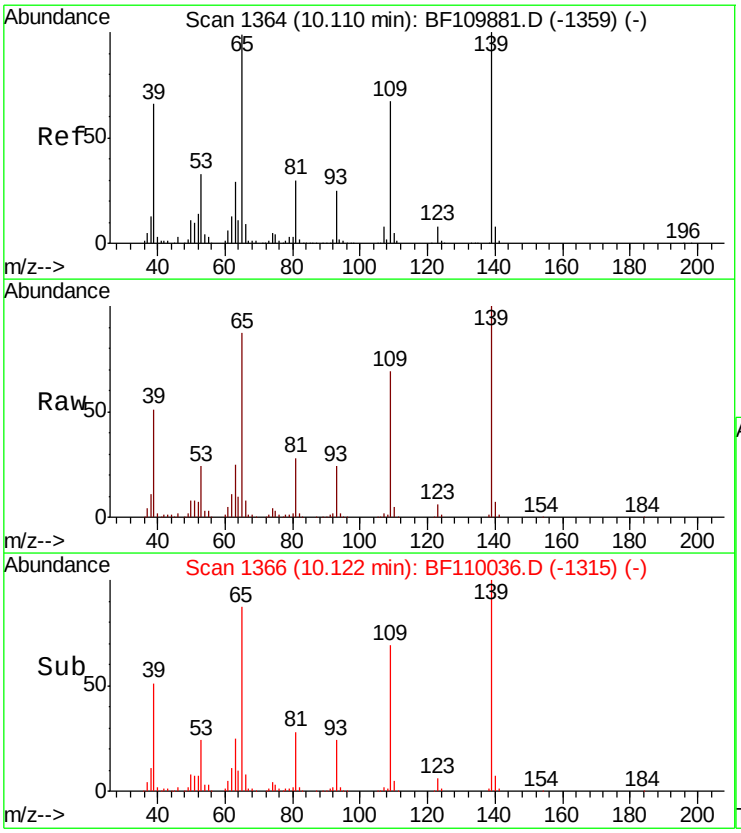

#55
Dibenzofuran
Concen: 33.152 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:168 Resp: 992592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.5 | 33.0 | 49.6 |
| 169 | 13.5 | 11.3 | 16.9 |

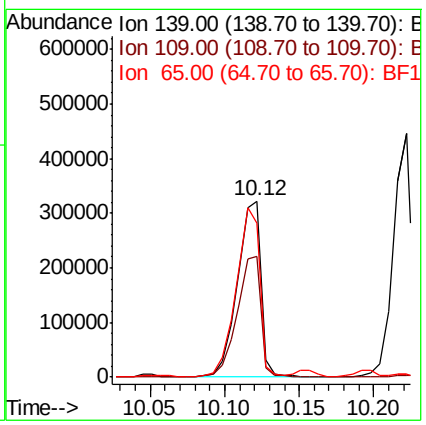


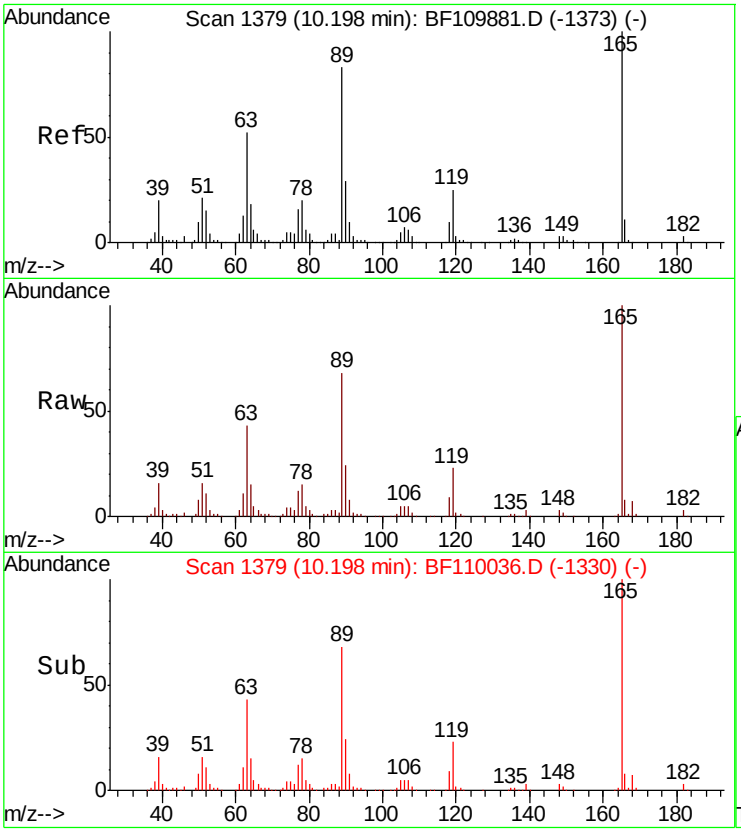




#56
4-Nitrophenol
Concen: 82.517 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:139 Resp: 356276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.5 | 55.8 | 95.8 |
| 65 | 87.3 | 77.9 | 117.9 |



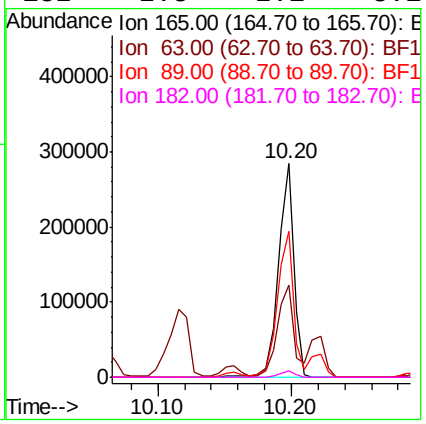


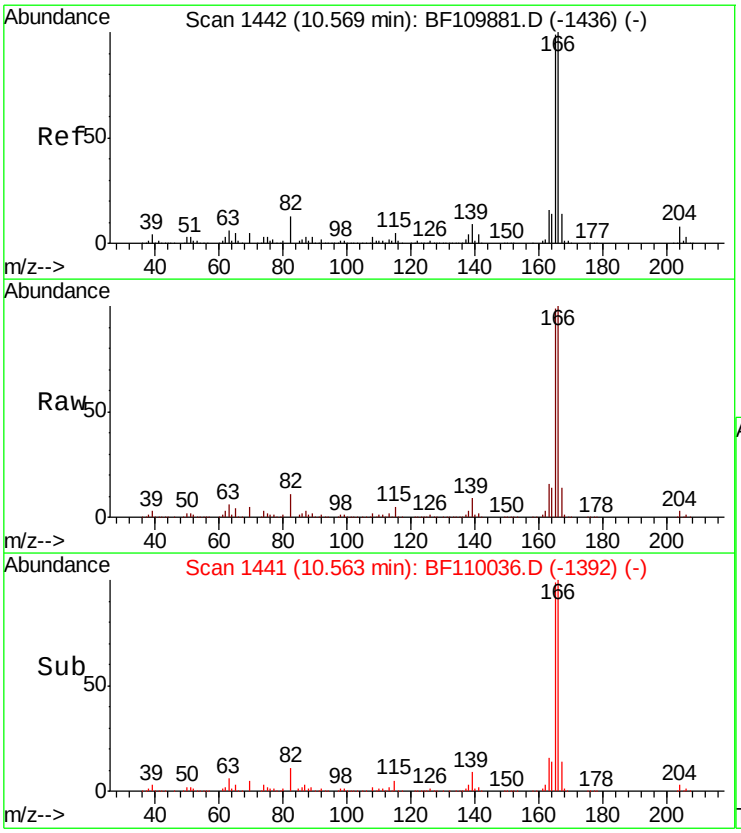

#57
2,4-Dinitrotoluene
Concen: 40.448 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:165 Resp: 232990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.3 | 44.8 | 67.2# |
| 89 | 68.3 | 62.2 | 93.4 |
| 182 | 2.8 | 2.1 | 3.1 |

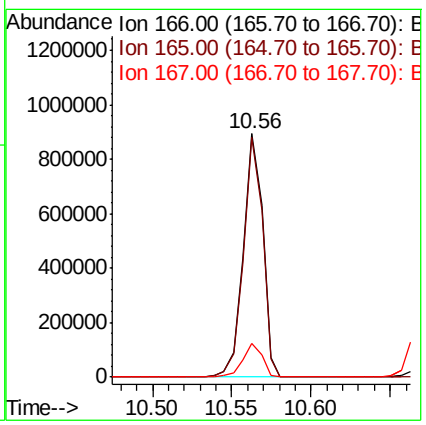


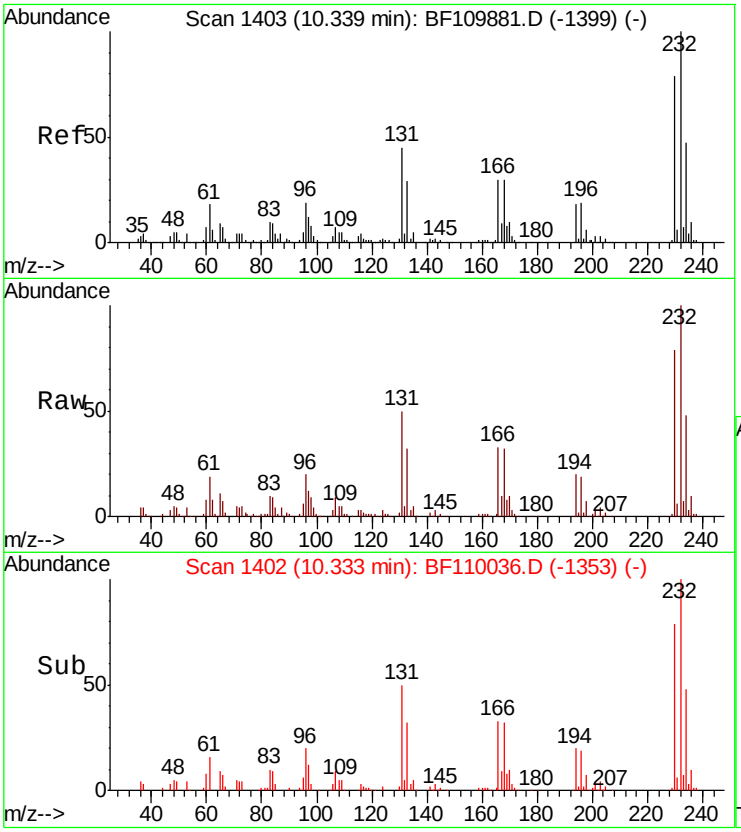




#58
Fluorene
Concen: 34.908 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:166 Resp: 760842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.6 | 78.6 | 117.8 |
| 167 | 13.8 | 10.8 | 16.2 |



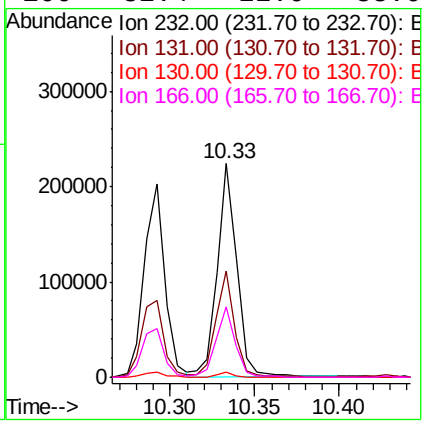


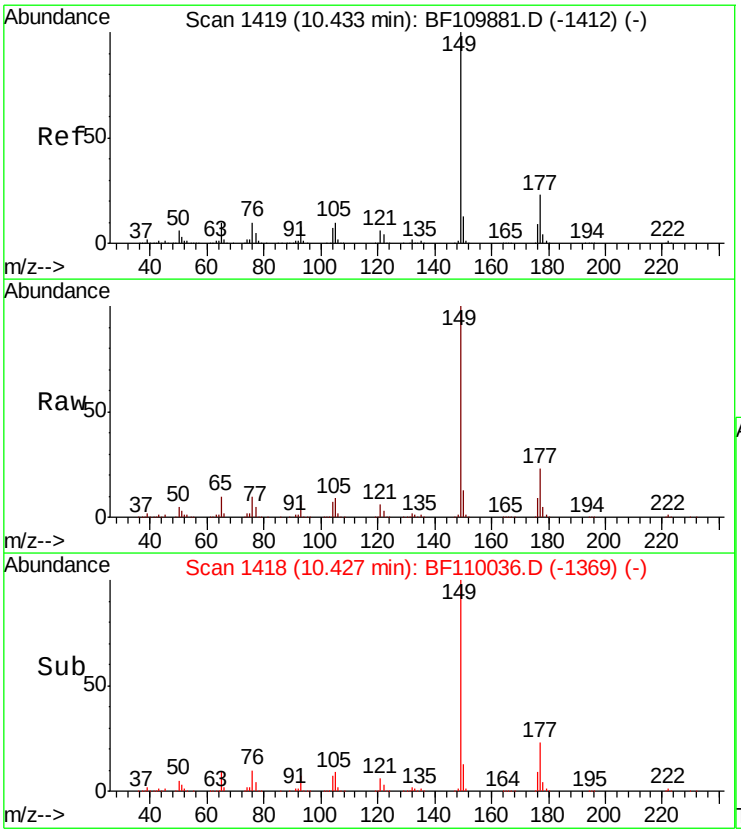

#59
2,3,4,6-Tetrachlorophenol
Concen: 33.222 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:232 Resp: 182034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.2 | 37.0 | 55.4 |
| 130 | 2.1 | 1.8 | 2.6 |
| 166 | 32.4 | 22.0 | 33.0 |

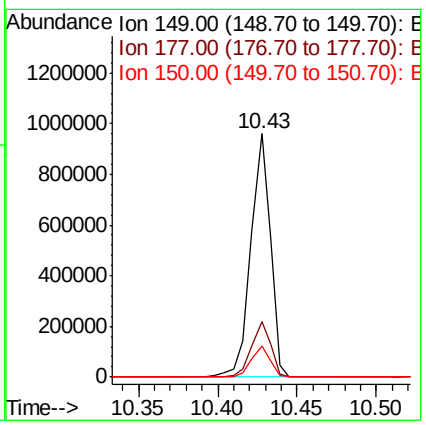


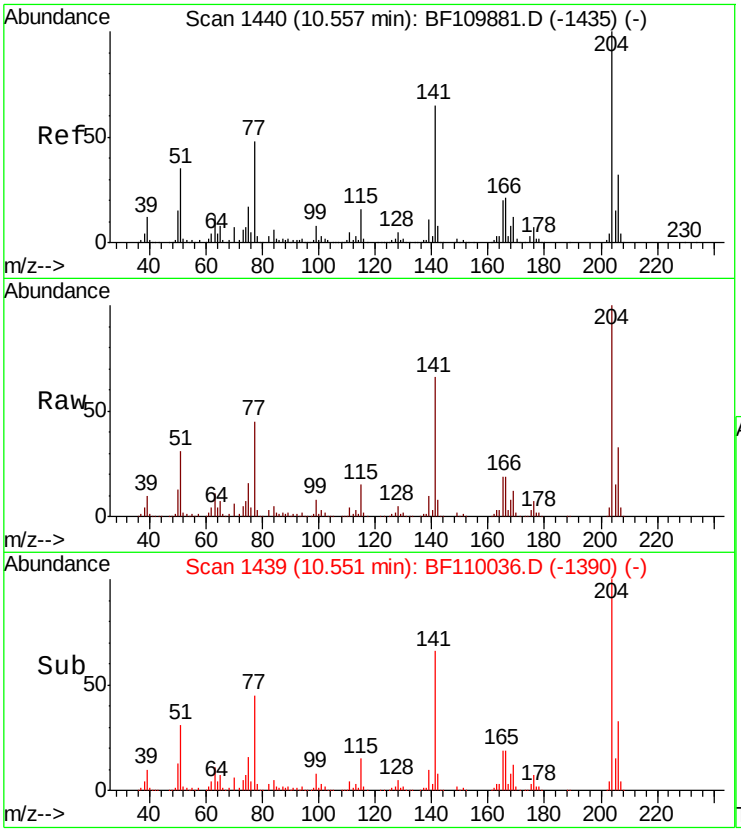




#60
Diethylphthalate
Concen: 33.811 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:149 Resp: 817868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 17.4 | 26.2 |
| 150 | 12.7 | 9.8 | 14.8 |



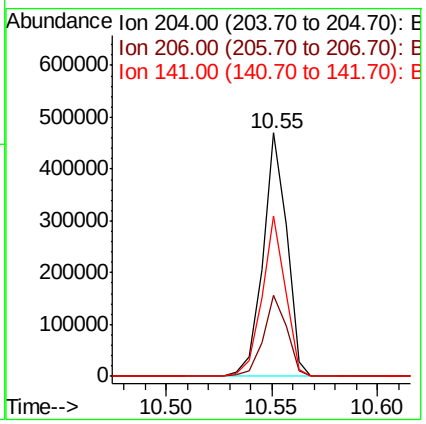


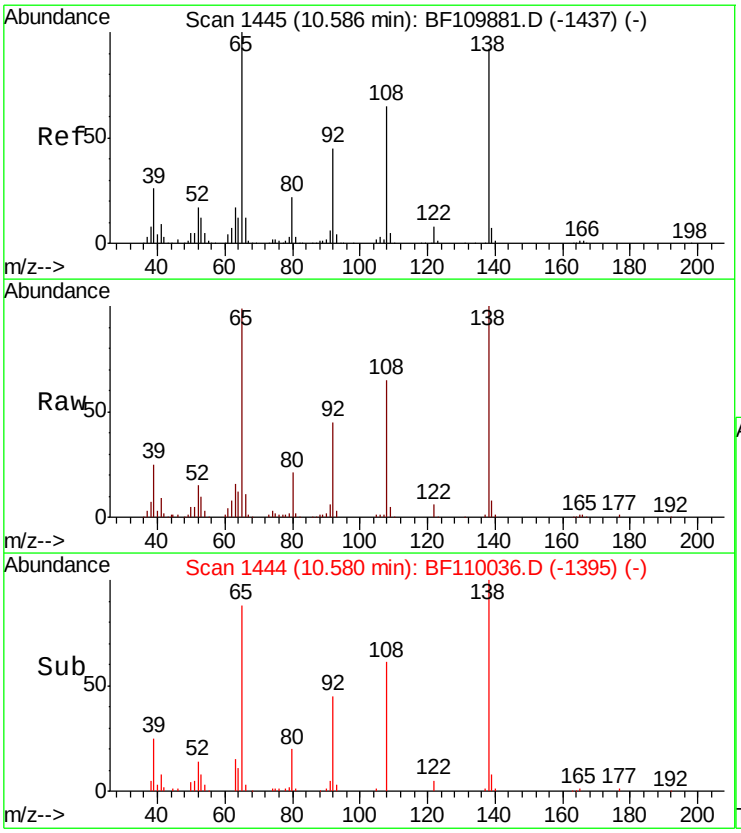

#61
4-Chlorophenyl-phenylether
Concen: 32.465 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:204 Resp: 368584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.2 | 26.5 | 39.7 |
| 141 | 65.8 | 51.8 | 77.8 |

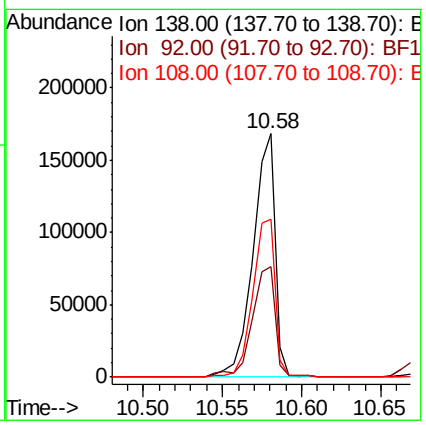


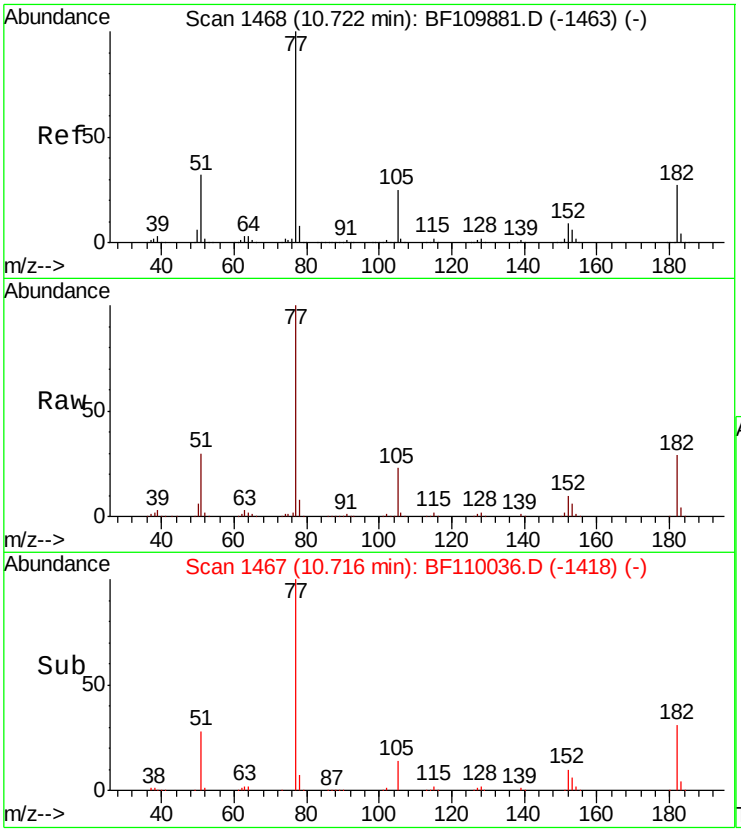




#62
4-Nitroaniline
Concen: 30.642 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:138 Resp: 164131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.2 | 31.7 | 71.7 |
| 108 | 65.0 | 59.3 | 99.3 |



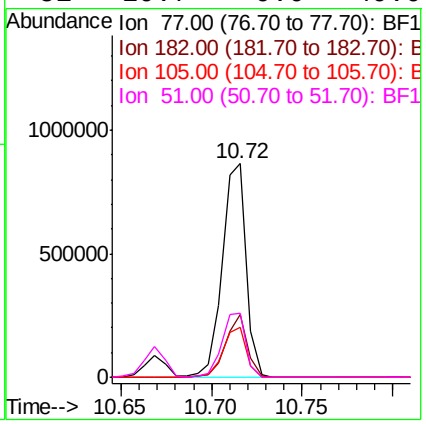


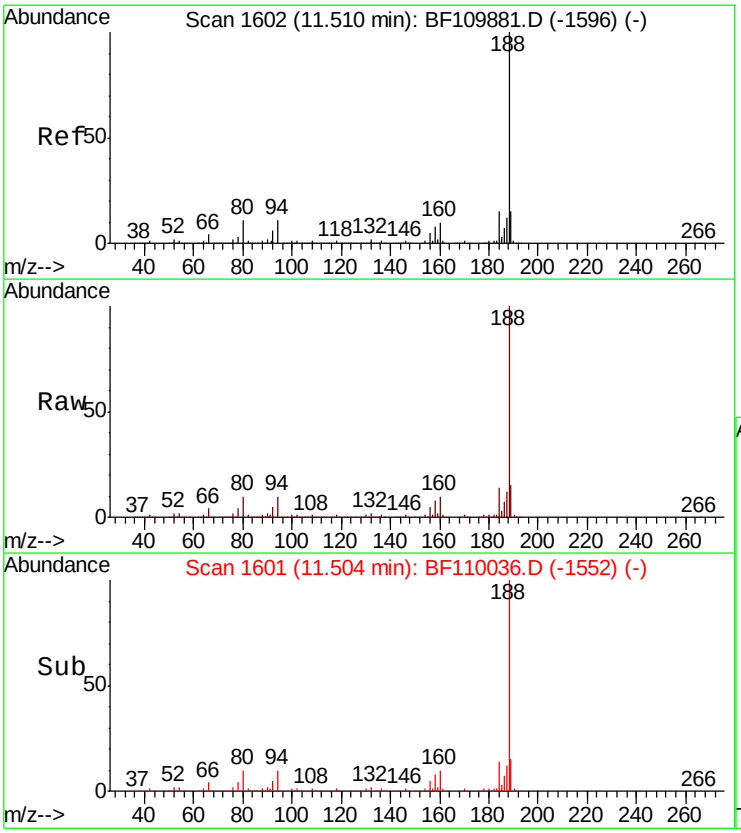

#63
Azobenzene
Concen: 31.195 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion: 77 Resp: 788305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.2 | 4.3 | 44.3 |
| 105 | 23.4 | 1.3 | 41.3 |
| 51 | 29.7 | 9.0 | 49.0 |

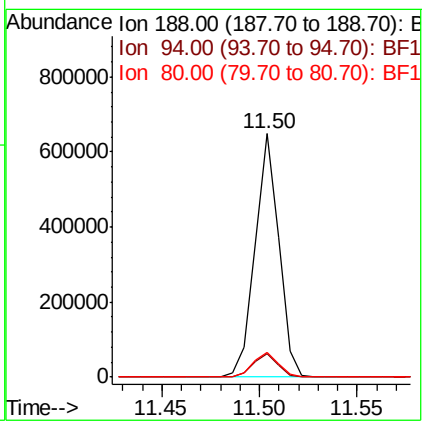


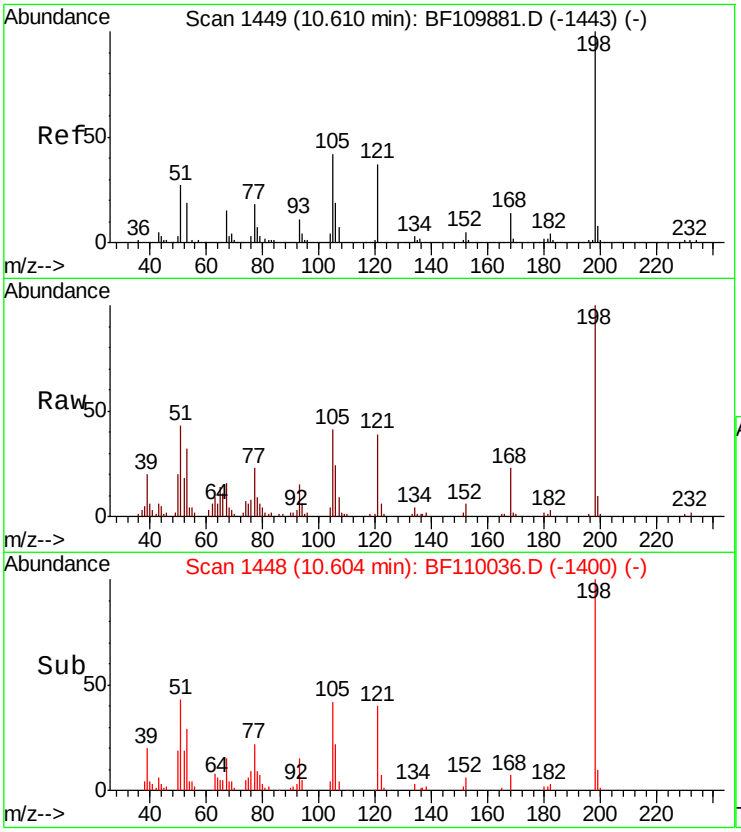




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:188 Resp: 549648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 7.2 | 10.8 |
| 80 | 10.4 | 7.9 | 11.9 |



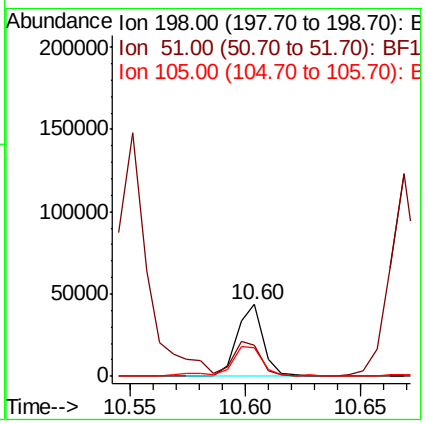


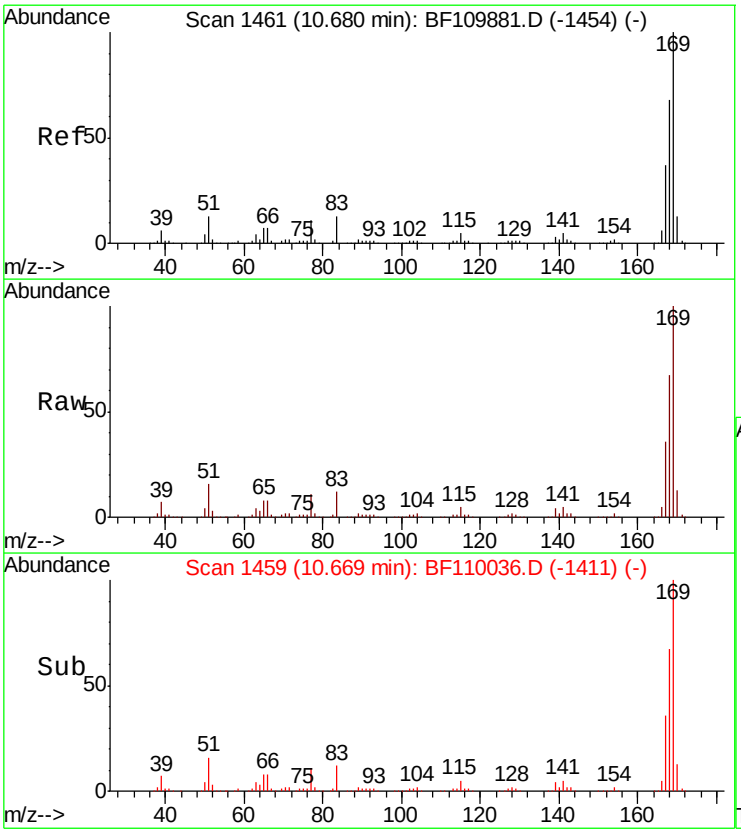

#65
4,6-Dinitro-2-methylphenol
Concen: 22.354 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:198 Resp: 34444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.6 | 22.8 | 62.8 |
| 105 | 40.6 | 23.6 | 63.6 |

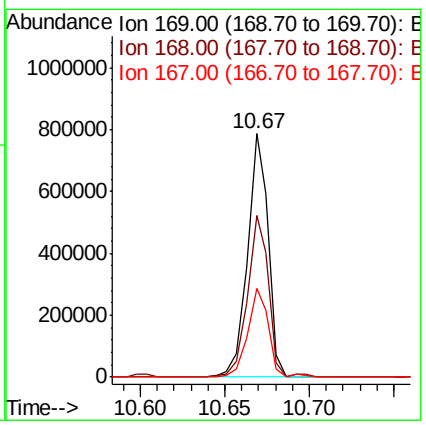


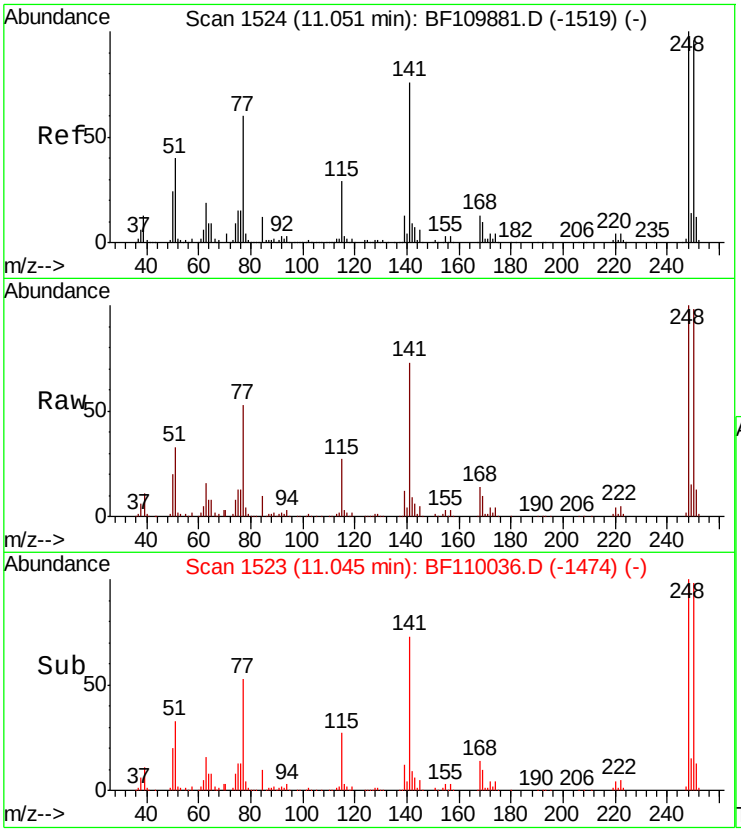




#66
n-Nitrosodiphenylamine
Concen: 36.953 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:169 Resp: 676482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.7 | 51.2 | 76.8 |
| 167 | 36.2 | 27.8 | 41.6 |



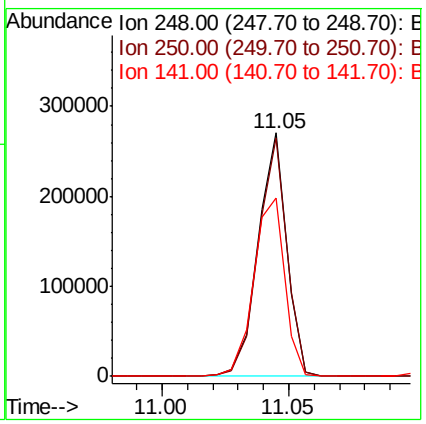


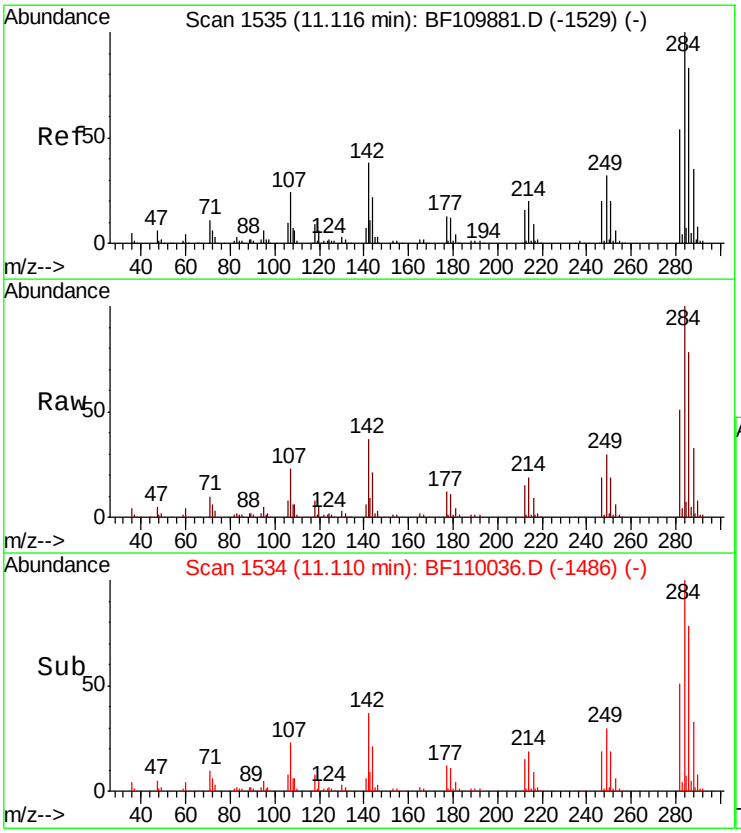

#67
4-Bromophenyl-phenylether
Concen: 36.062 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:248 Resp: 214814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.8 | 79.4 | 119.2 |
| 141 | 73.5 | 55.9 | 83.9 |

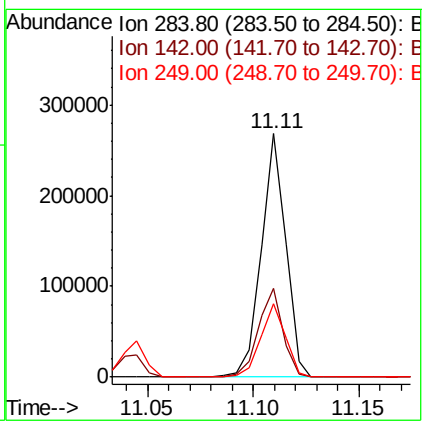


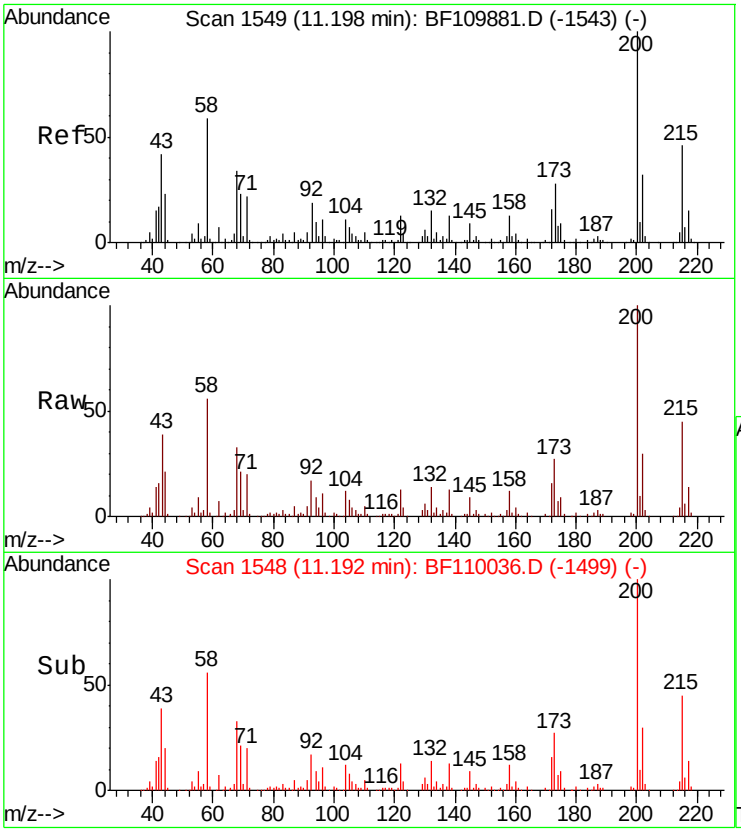




#68
Hexachlorobenzene
Concen: 34.099 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:284 Resp: 216599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.6 | 23.9 | 35.9# |
| 249 | 30.3 | 24.2 | 36.2 |



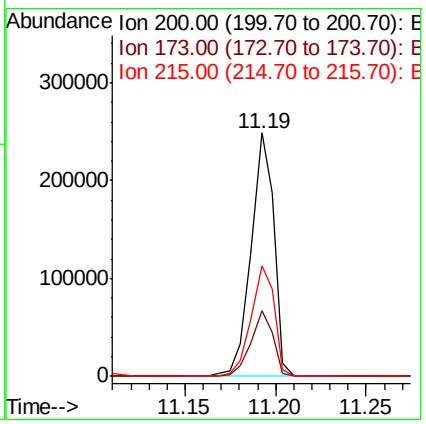


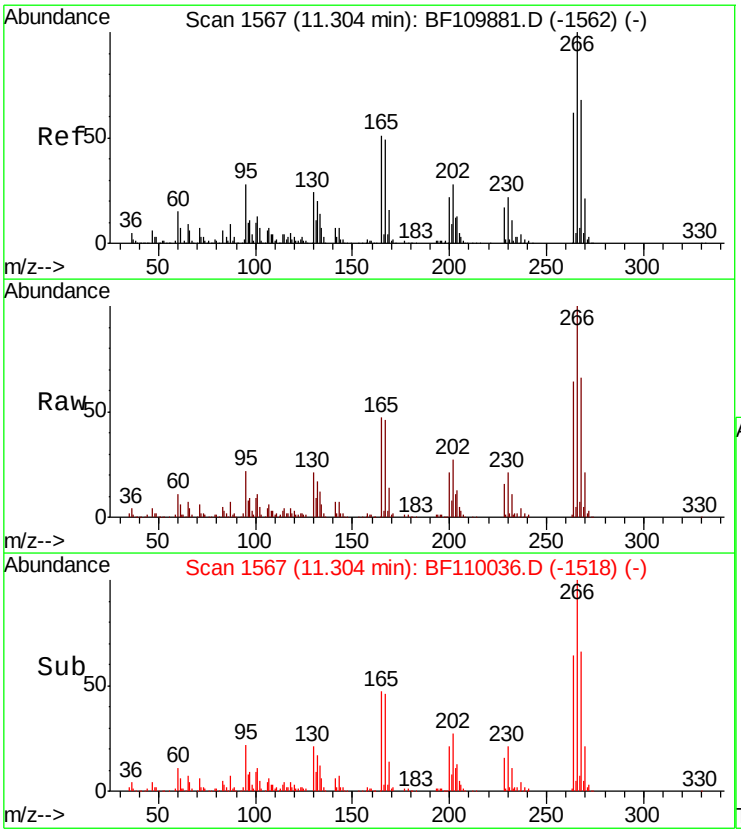

#69
Atrazine
Concen: 38.035 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:200 Resp: 217495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.9 | 6.6 | 46.6 |
| 215 | 45.2 | 26.3 | 66.3 |

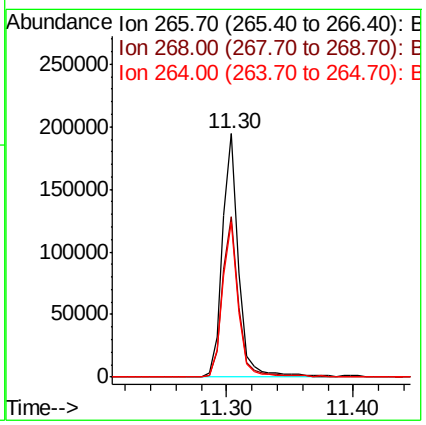


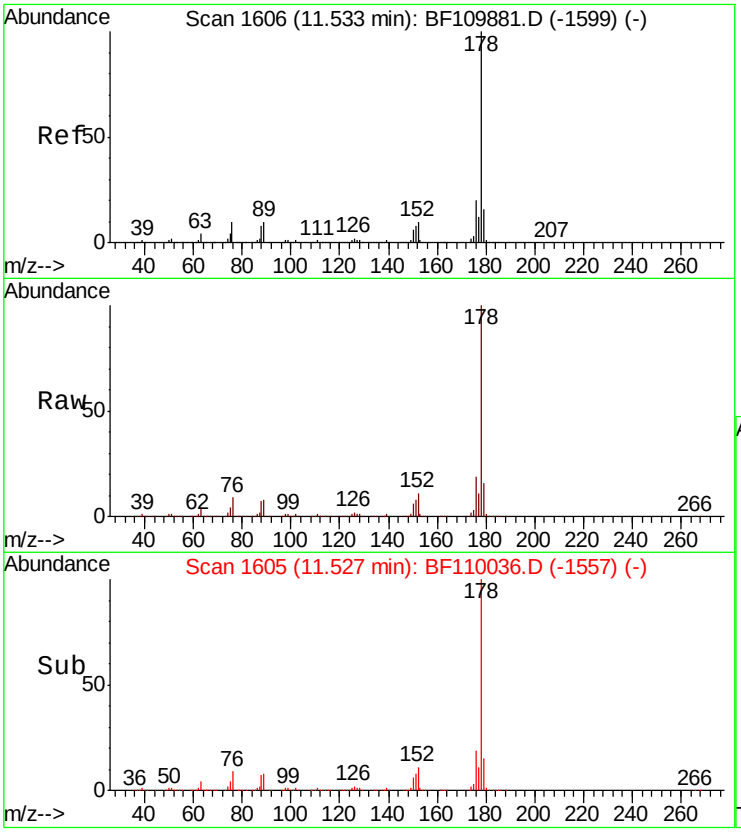




#70
Pentachlorophenol
Concen: 47.838 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:266 Resp: 172933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 66.0 | 50.6 | 75.8 |
| 264 | 63.7 | 50.6 | 75.8 |



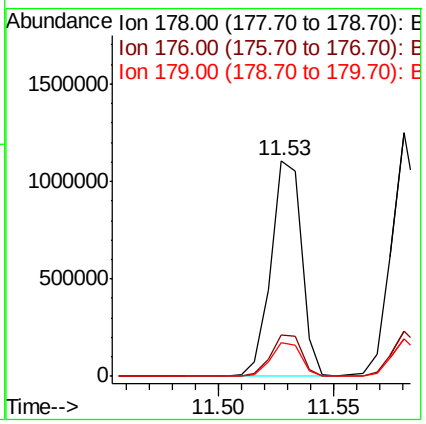


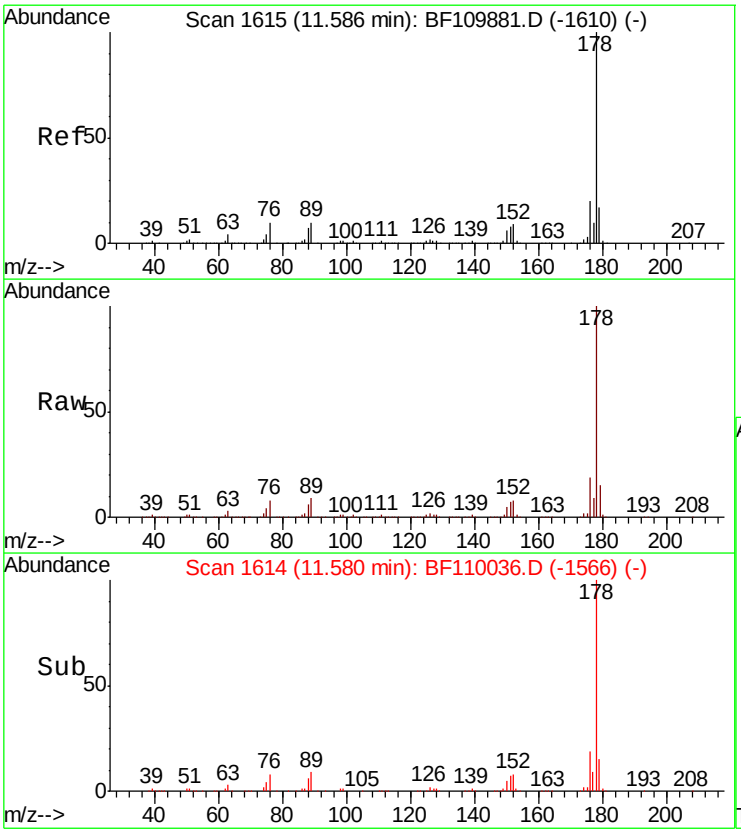

#71
Phenanthrene
Concen: 35.996 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:178 Resp: 1024295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.5 | 23.3 |
| 179 | 15.7 | 12.5 | 18.7 |

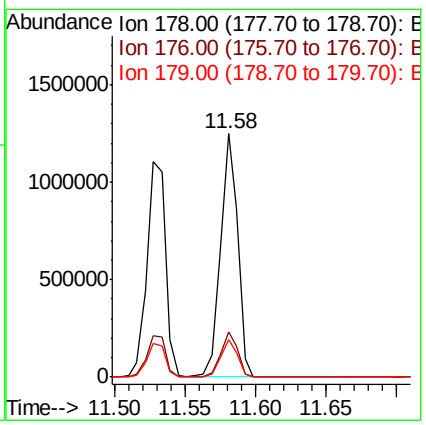


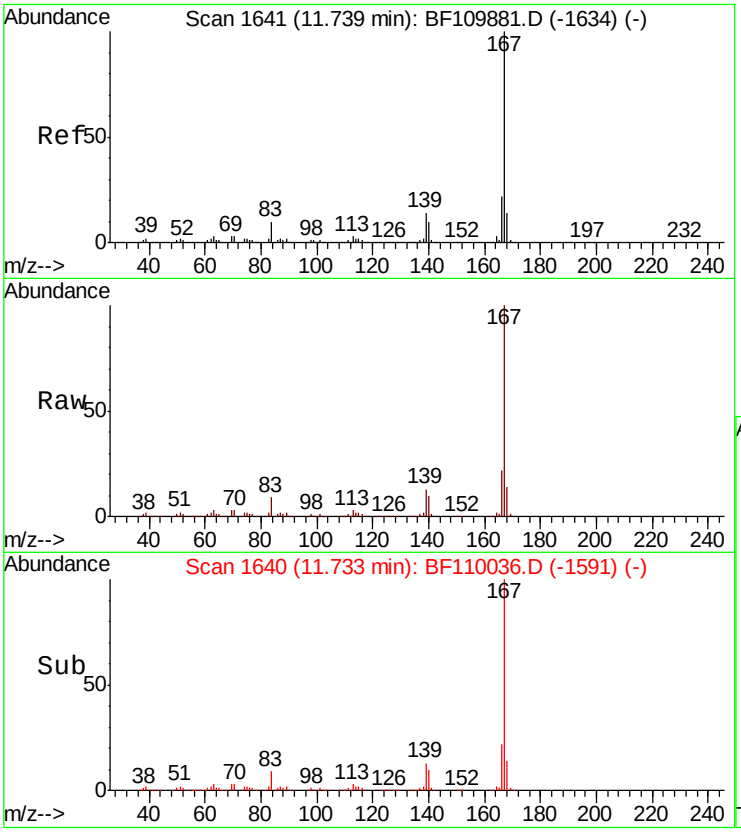




#72
Anthracene
Concen: 36.670 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:178 Resp: 1049075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.7 | 15.4 | 23.2 |
| 179 | 15.3 | 12.6 | 18.8 |



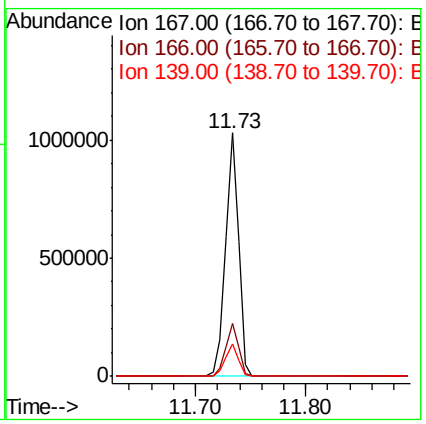


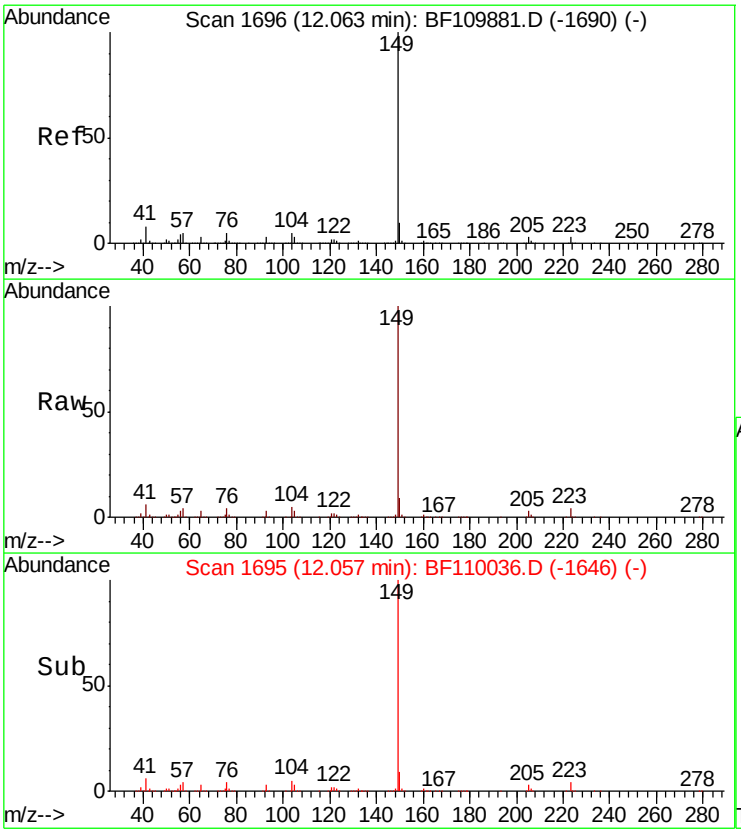

#73
Carbazole
Concen: 30.505 ng
RT: 11.73 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:167 Resp: 857681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.4 | 26.0 |
| 139 | 13.5 | 10.9 | 16.3 |

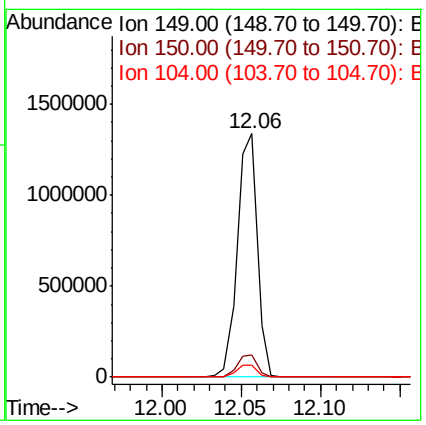


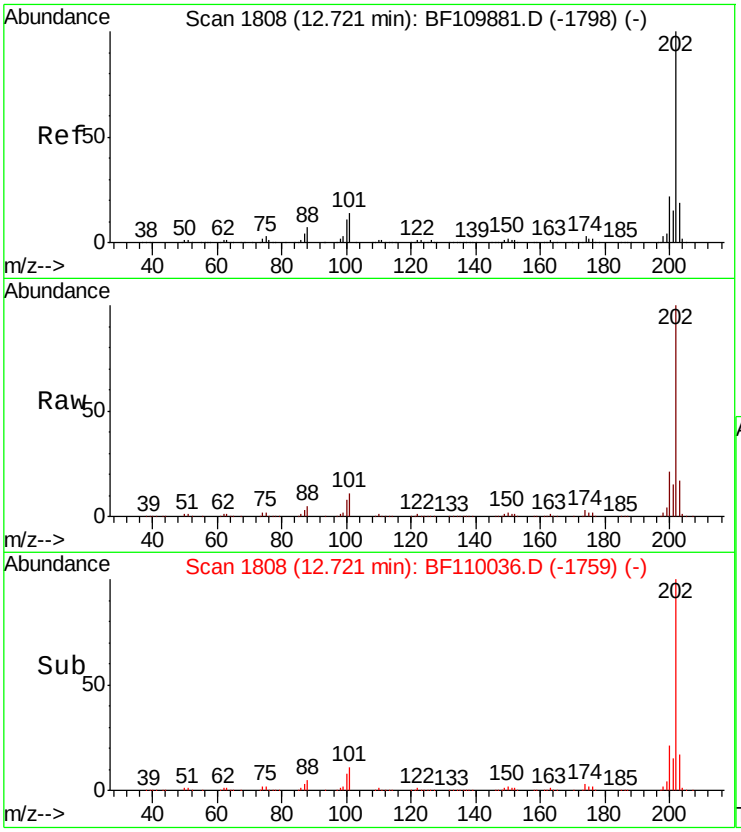




#74
Di-n-butylphthalate
Concen: 37.300 ng
RT: 12.06 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:149 Resp: 1170405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.7 | 11.5 |
| 104 | 4.8 | 4.2 | 6.4 |



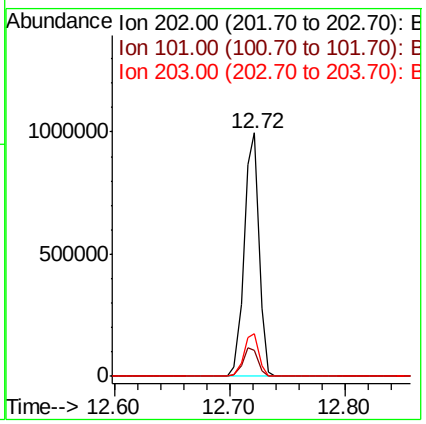


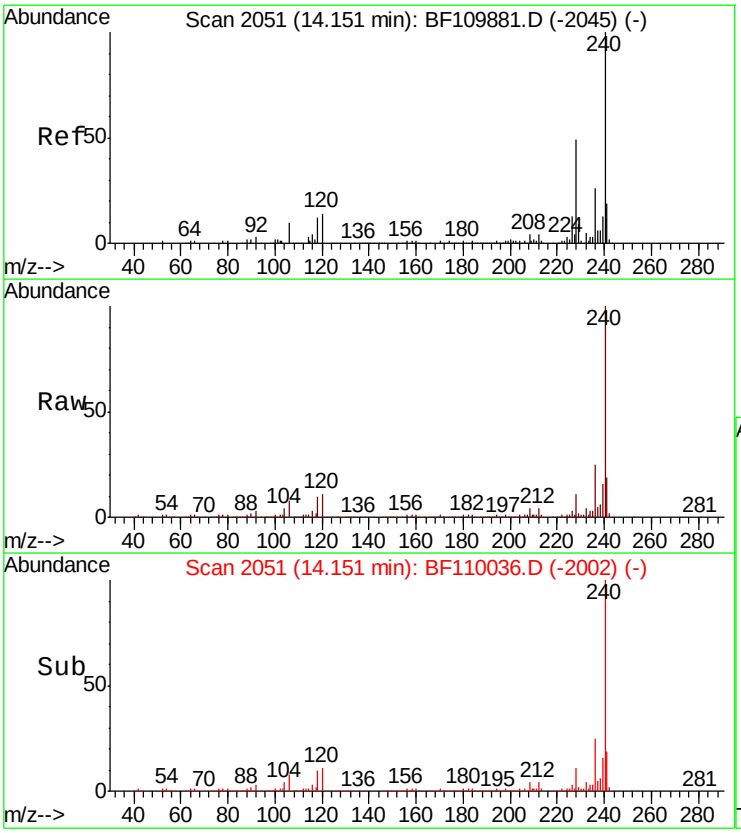

#75
Fluoranthene
Concen: 31.152 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:202 Resp: 885552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.5 | 0.0 | 31.4 |
| 203 | 17.4 | 0.0 | 37.7 |

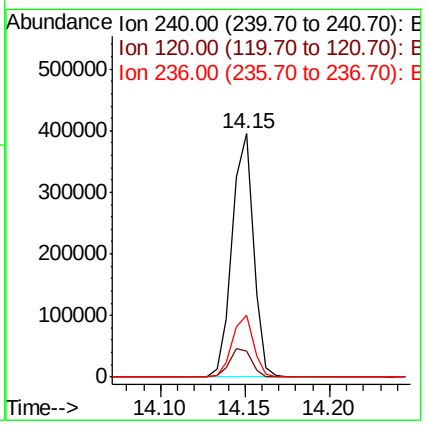


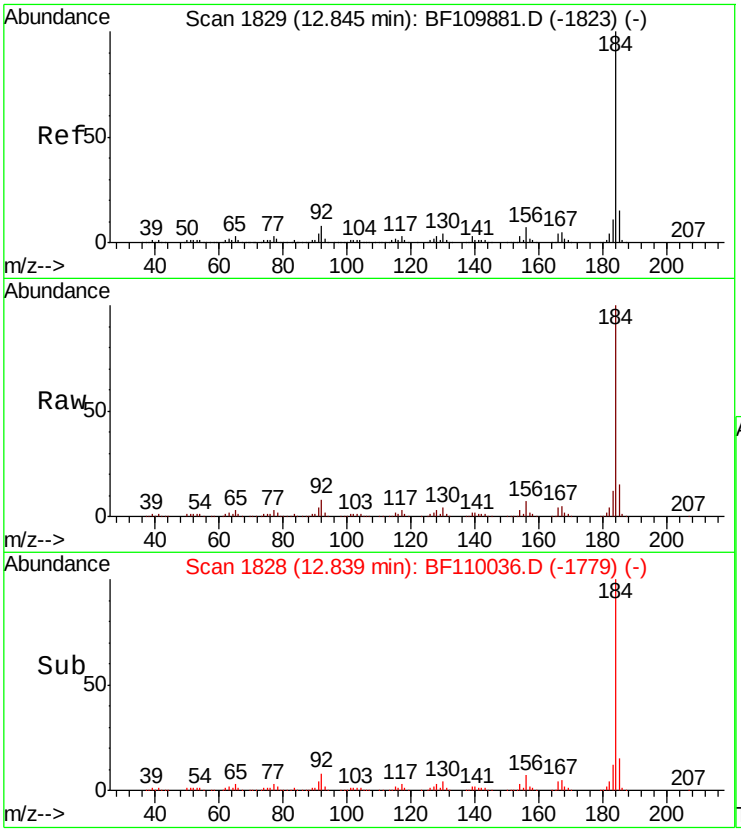




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:240 Resp: 347321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 8.3 | 12.5 |
| 236 | 25.4 | 21.2 | 31.8 |



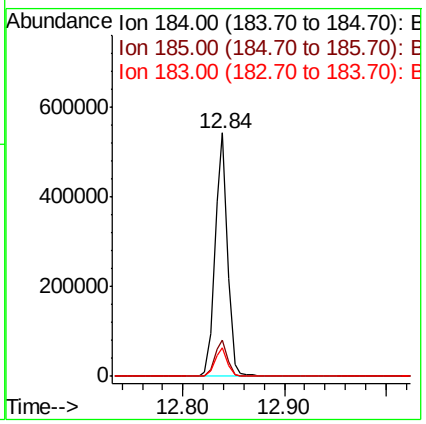


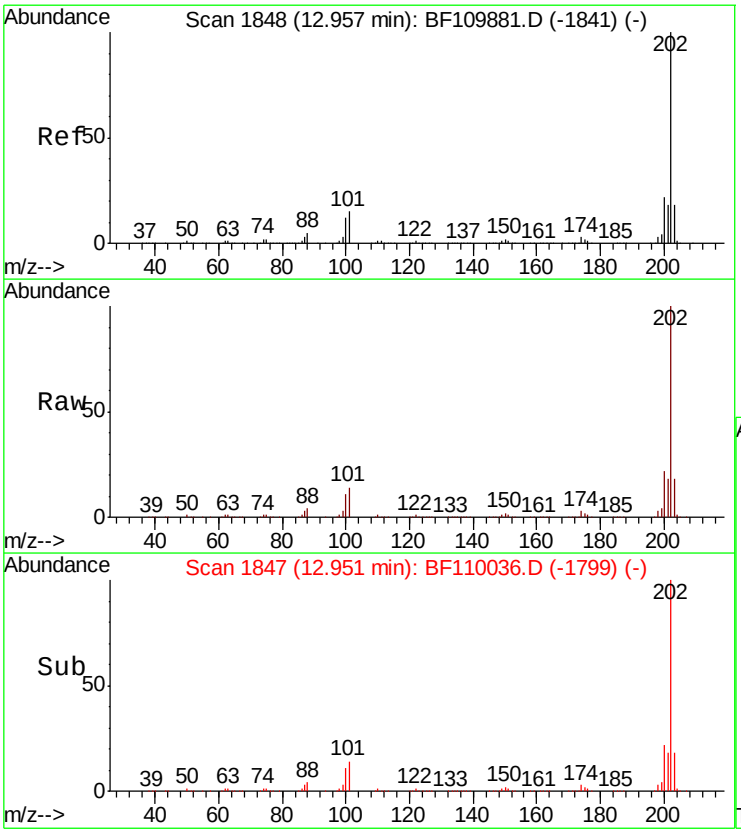

#77
Benzidine
Concen: 34.655 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:184 Resp: 461491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.1 | 13.4 | 20.2 |
| 183 | 11.8 | 9.4 | 14.2 |

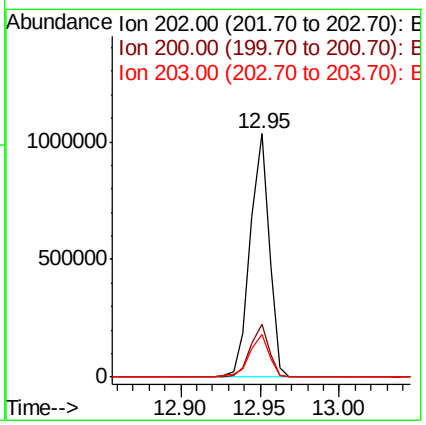


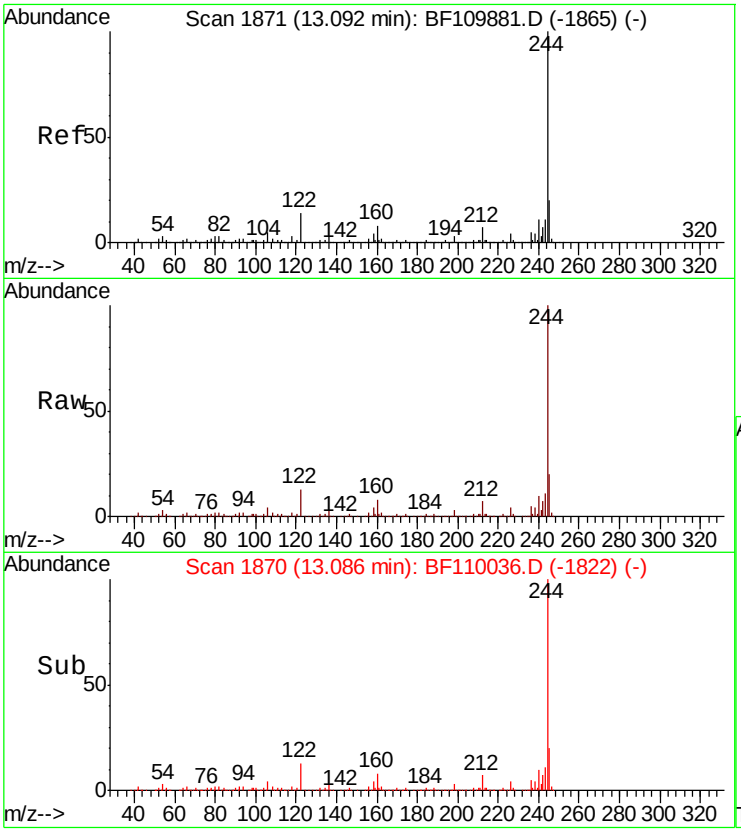




#78
Pyrene
Concen: 33.857 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:202 Resp: 863682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.8 | 26.6 |
| 203 | 17.6 | 14.2 | 21.4 |



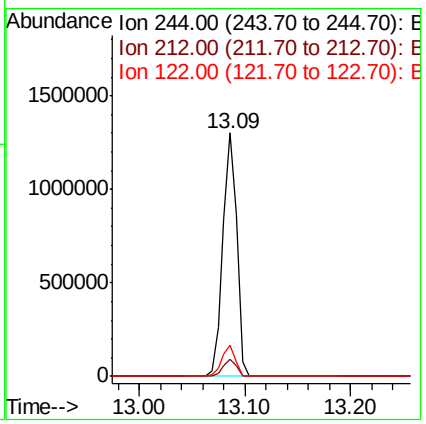


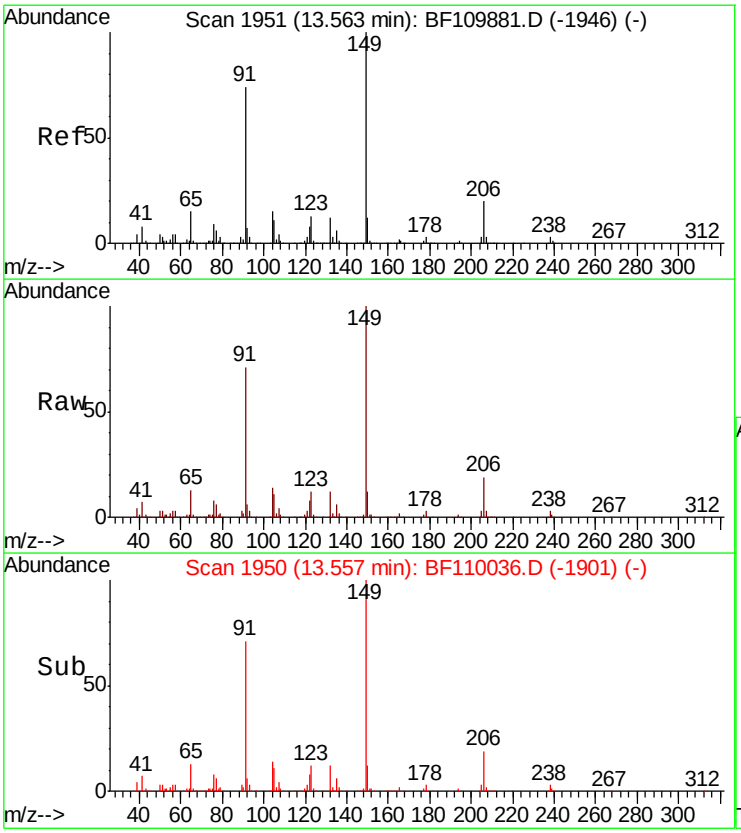

#79
Terphenyl-d14
Concen: 72.297 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:244 Resp: 1195773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.8 | 8.8 |
| 122 | 12.7 | 8.7 | 13.1 |

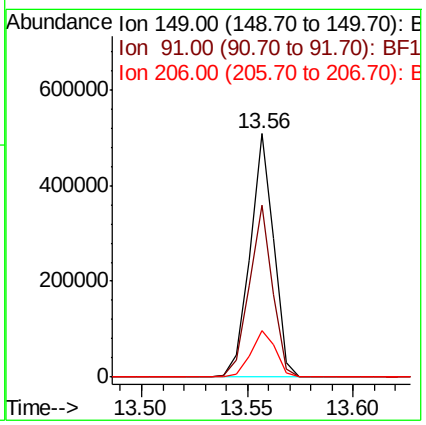


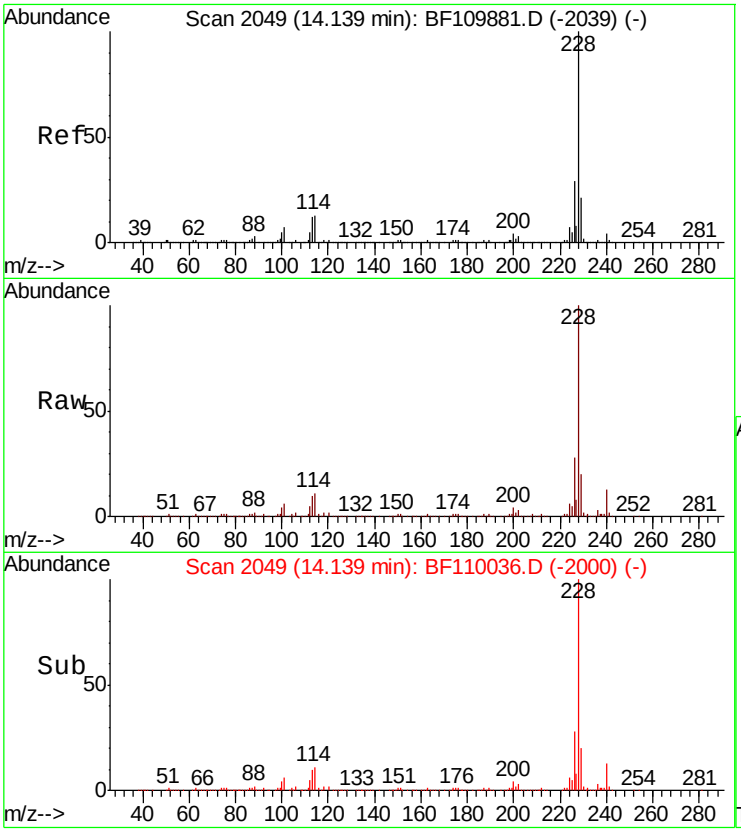




#80
Butylbenzylphthalate
Concen: 38.515 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:149 Resp: 397215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.6 | 57.2 | 85.8 |
| 206 | 19.2 | 15.7 | 23.5 |



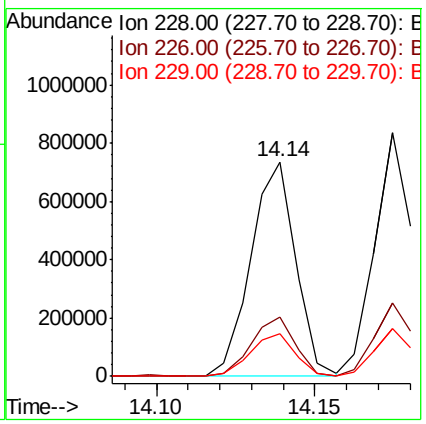


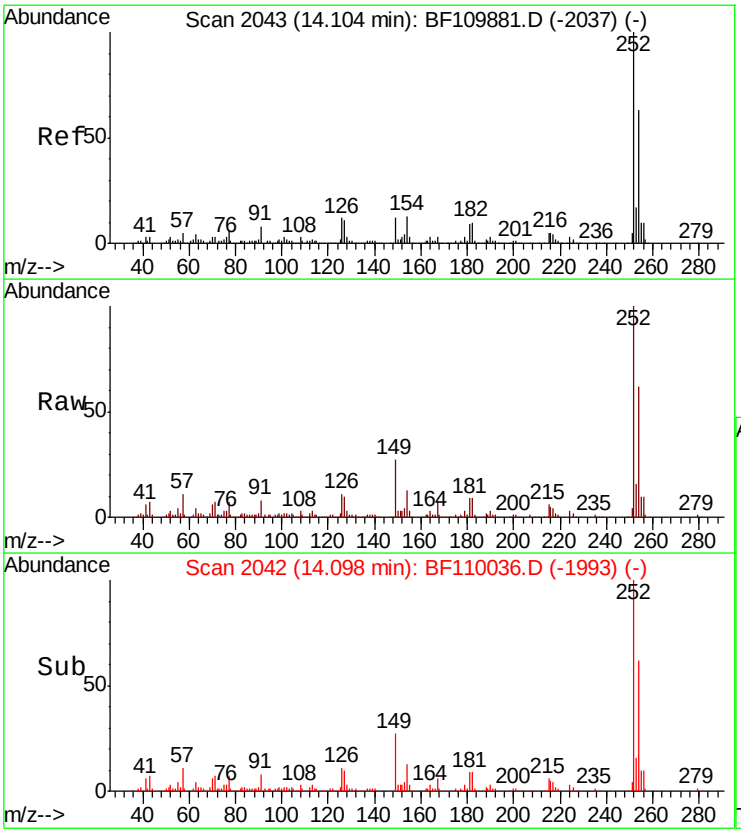

#81
Benzo(a)anthracene
Concen: 35.293 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:228 Resp: 722027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 22.1 | 33.1 |
| 229 | 19.7 | 15.6 | 23.4 |

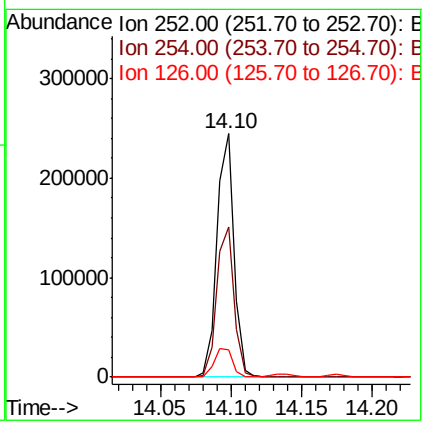


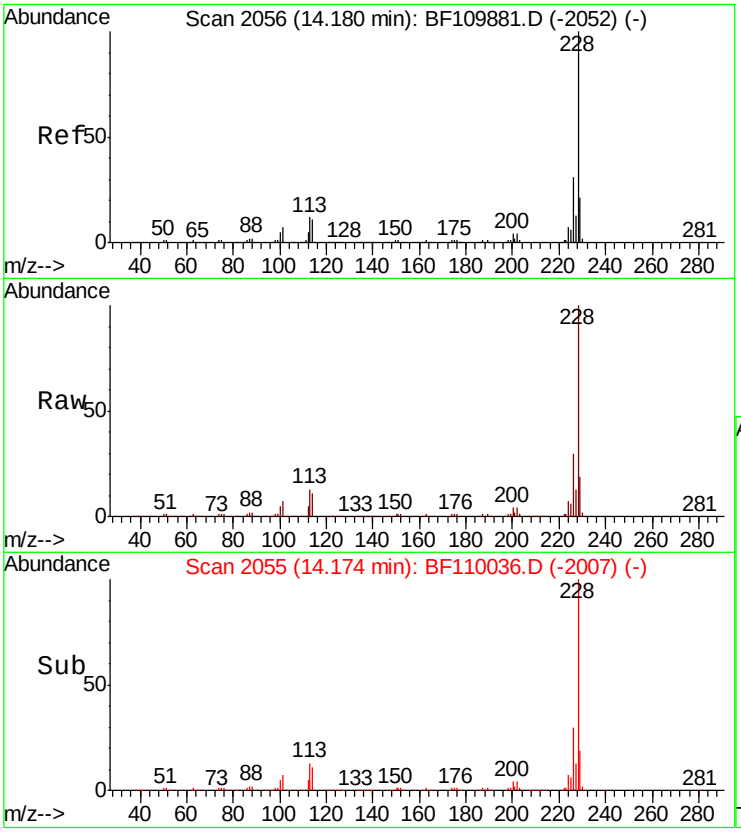




#82
3,3'-Dichlorobenzidine
Concen: 28.593 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:252 Resp: 205075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 61.7 | 51.3 | 76.9 |
| 126 | 11.1 | 9.4 | 14.2 |



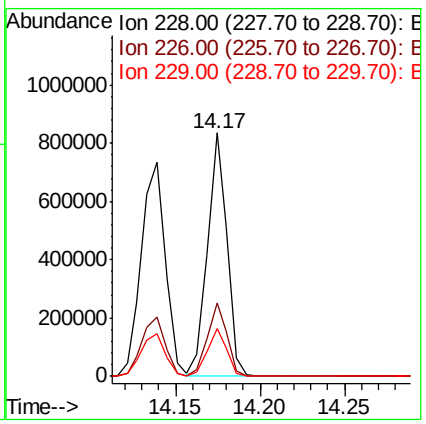


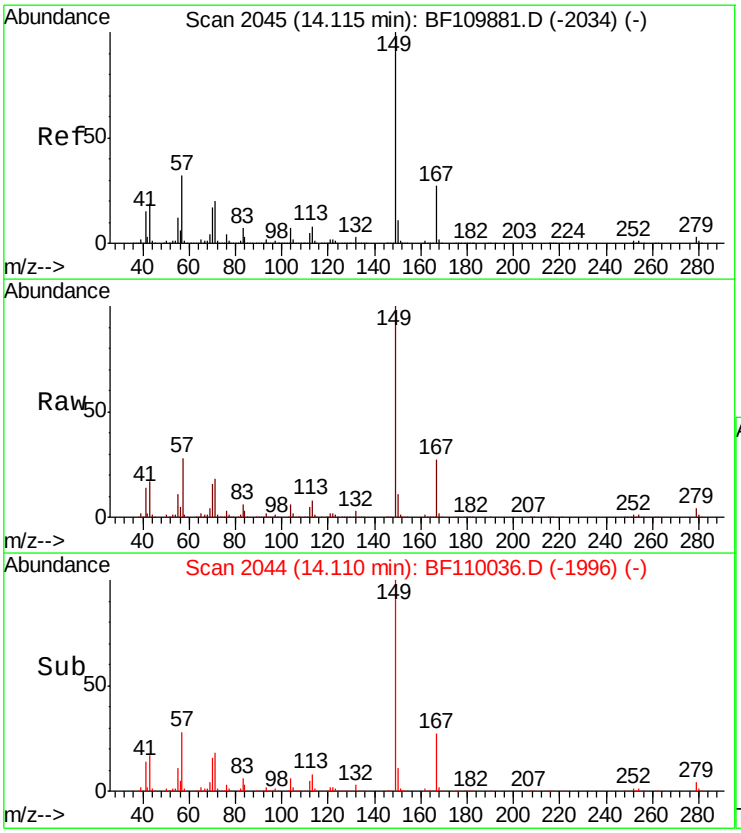

#83
Chrysene
Concen: 34.766 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:228 Resp: 676996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 24.7 | 37.1 |
| 229 | 19.4 | 15.9 | 23.9 |

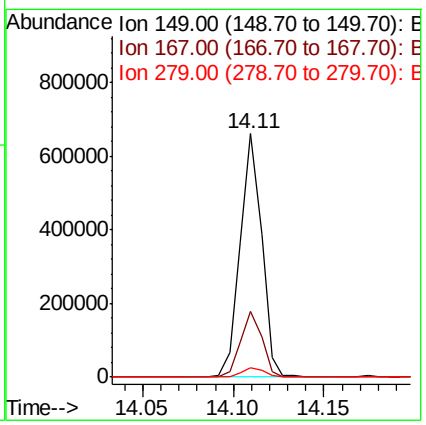


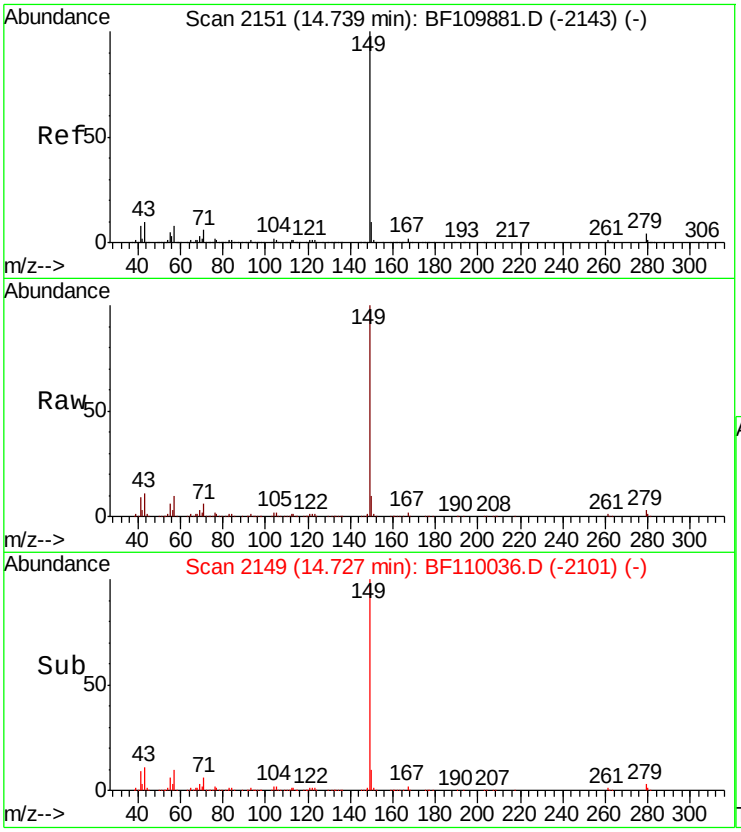




#84
Bis(2-ethylhexyl)phthalate
Concen: 40.260 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:149 Resp: 546352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.8 | 19.8 | 29.8 |
| 279 | 3.7 | 2.7 | 4.1 |



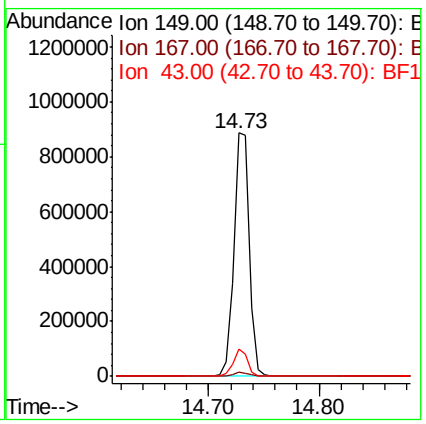


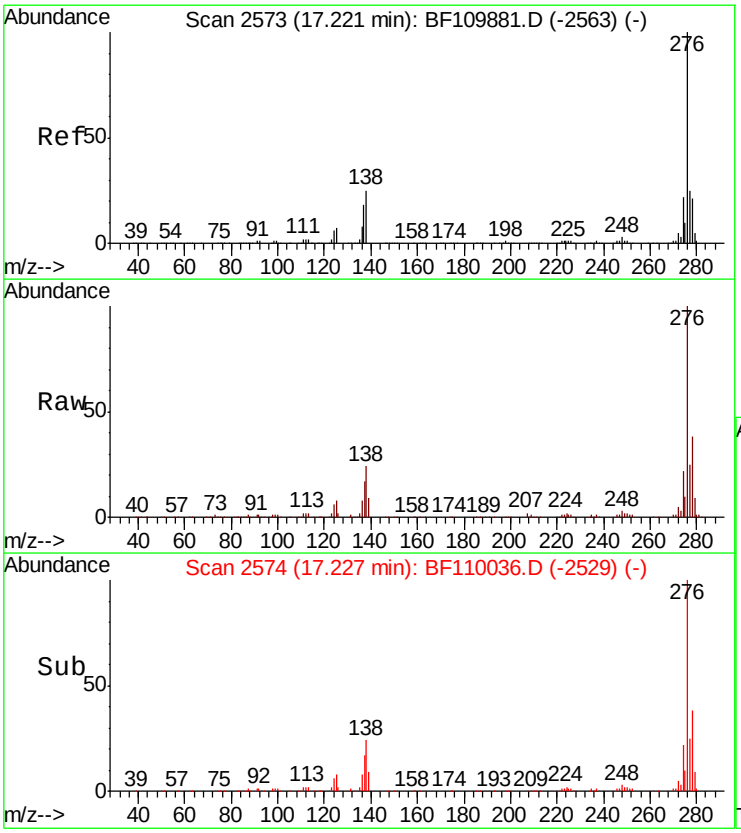

#85
Di-n-octyl phthalate
Concen: 45.282 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:149 Resp: 866349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.1 | 1.7 |
| 43 | 10.1 | 7.8 | 11.8 |

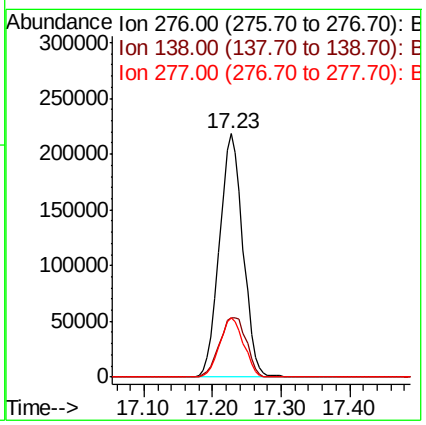


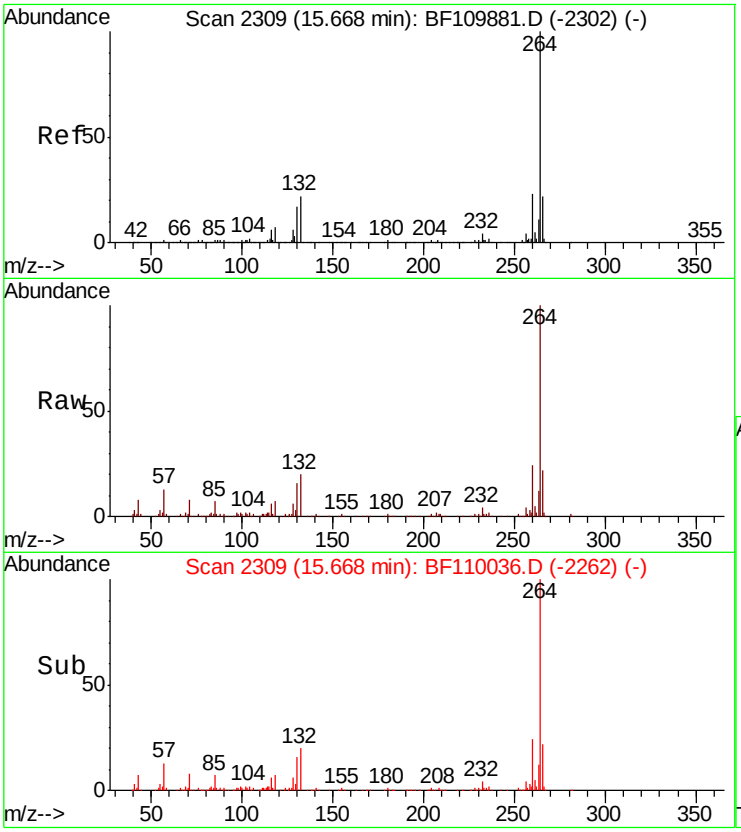




#86
Indeno(1,2,3-cd)pyrene
Concen: 33.075 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.04 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:276 Resp: 518567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.0 | 18.5 | 27.7# |
| 277 | 25.0 | 20.0 | 30.0 |



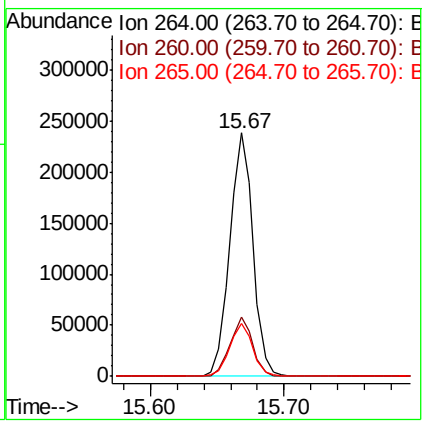


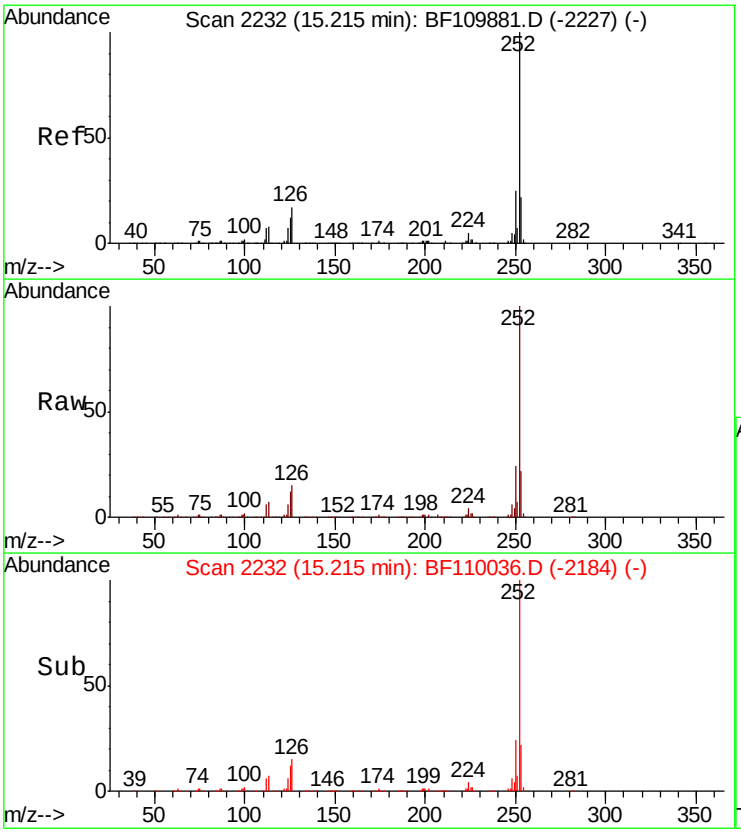

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:264 Resp: 290455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 18.7 | 28.1 |
| 265 | 21.9 | 16.7 | 25.1 |

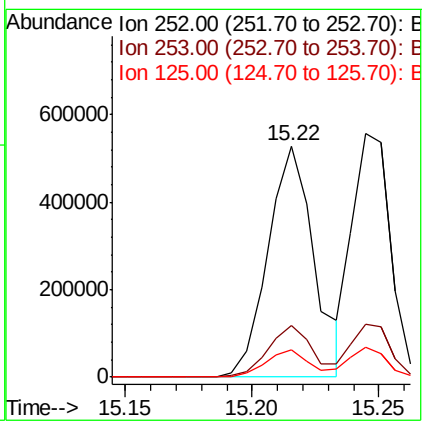


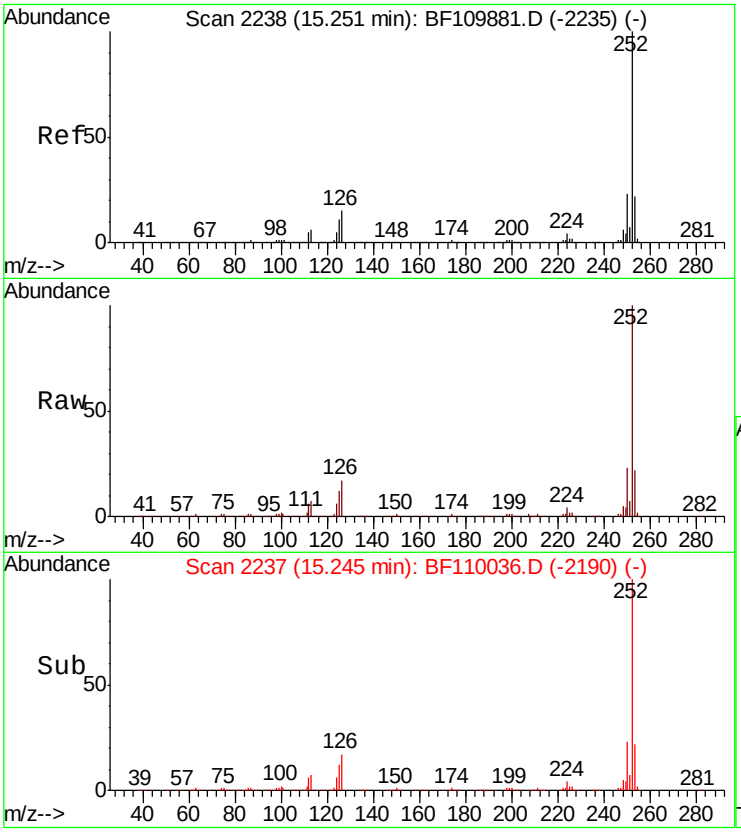




#88
Benzo(b)fluoranthene
Concen: 39.741 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:252 Resp: 665484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.2 | 25.8 |
| 125 | 11.8 | 8.2 | 12.4 |



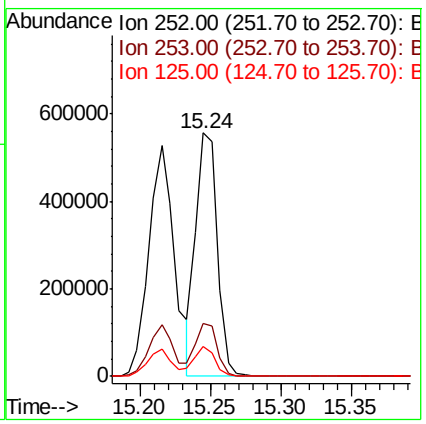


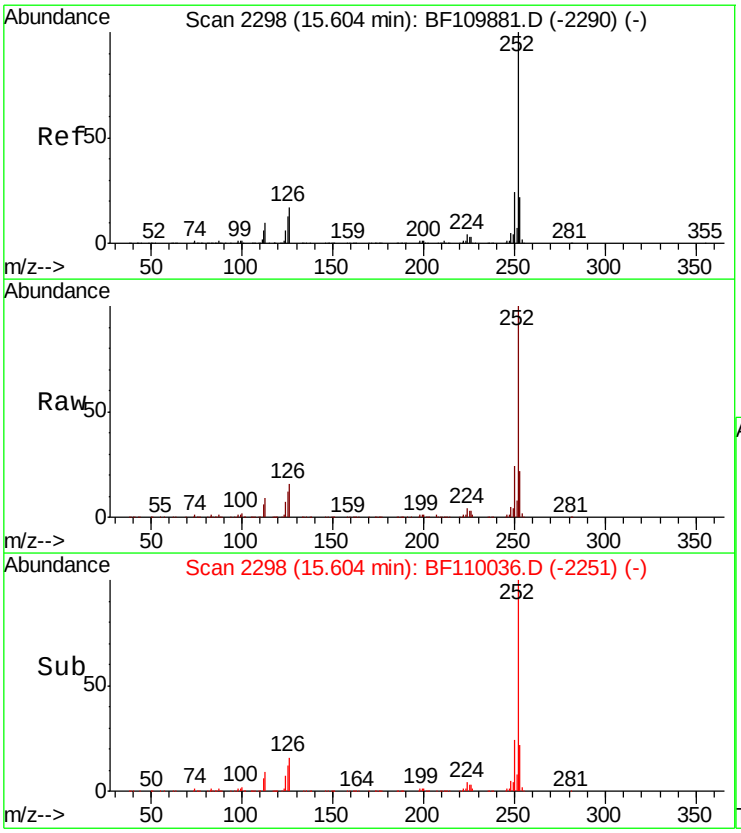

#89
Benzo(k)fluoranthene
Concen: 35.610 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:252 Resp: 587749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.2 | 25.8 |
| 125 | 12.2 | 7.4 | 11.0# |

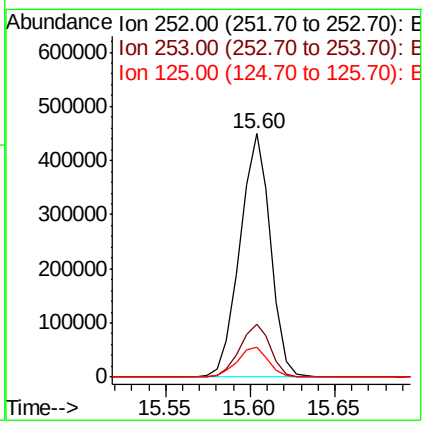


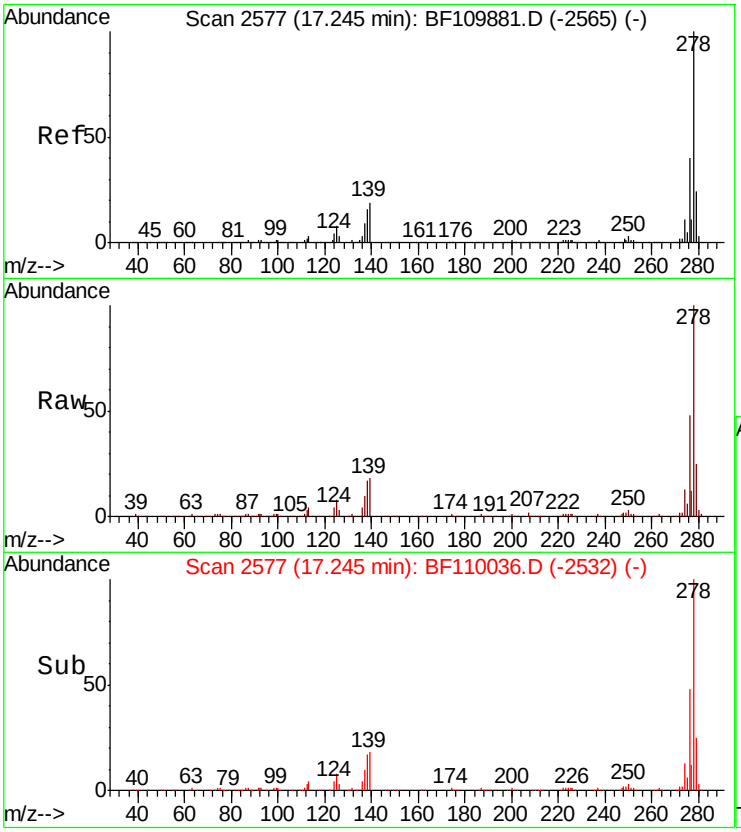




#90
Benzo(a)pyrene
Concen: 36.810 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:252 Resp: 566916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 18.2 | 27.4 |
| 125 | 12.4 | 9.0 | 13.6 |



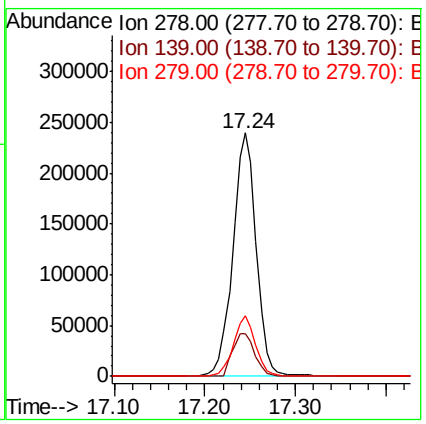


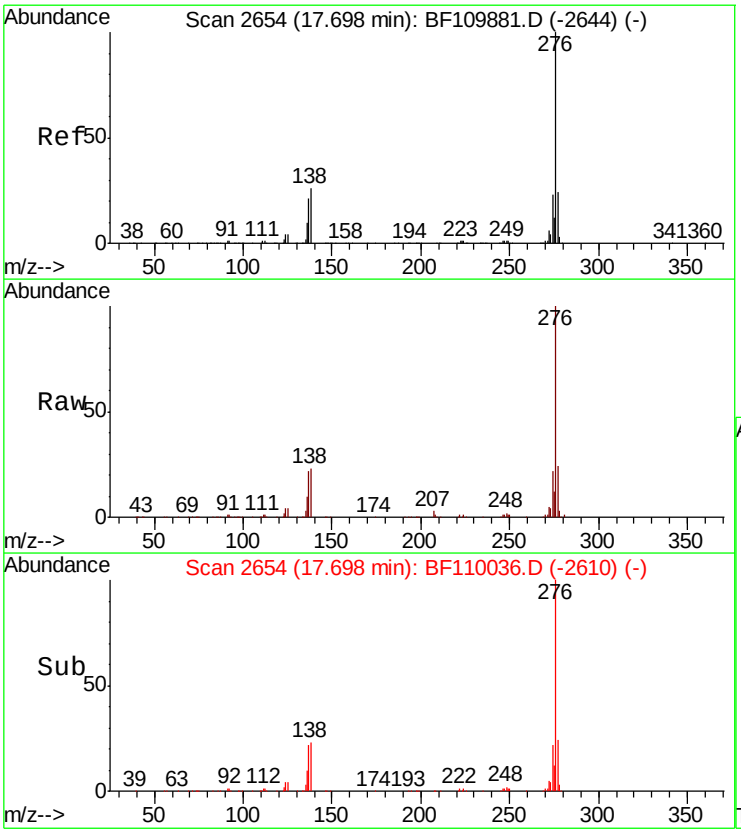

#91
Dibenzo(a,h)anthracene
Concen: 31.524 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

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

Tgt Ion:278 Resp: 430261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.7 | 12.7 | 19.1 |
| 279 | 24.7 | 19.0 | 28.4 |




#92
Benzo(g,h,i)perylene
Concen: 29.830 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BF110036.D
Acq: 20 Oct 2018 7:24

Tgt Ion:276 Resp: 411362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 18.8 | 28.2 |
| 138 | 23.3 | 16.0 | 24.0 |