Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
Data File : BF106761.D
Acq On : 25 Jun 2018 10:40
Operator : JU/SJ
Sample : PB110506BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB110506BS

Quant Time: Jun 25 13:50:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.96 | 152 | 57219 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.24 | 136 | 228852 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.01 | 164 | 126380 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.50 | 188 | 275048 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.16 | 240 | 254544 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.70 | 264 | 215868 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 370132 | 109.54 | ng | | 0.01 |
| 7) Phenol-d6 | 6.61 | 99 | 469374 | 111.23 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 309983 | 75.28 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 185559 | 126.68 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.32 | 172 | 596540 | 78.82 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.08 | 244 | 814505 | 77.51 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.87 | 88 | 48821 | 28.103 | ng | | 99 |
| 3) Pyridine | 3.64 | 79 | 144001 | 30.564 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.61 | 42 | 61722 | 30.844 | ng | | 84 |
| 6) Aniline | 6.63 | 93 | 111607 | 19.498 | ng | # | 77 |
| 8) 2-Chlorophenol | 6.75 | 128 | 136934 | 36.947 | ng | | 98 |
| 9) Benzaldehyde | 6.51 | 77 | 66002 | 20.072 | ng | | 99 |
| 10) Phenol | 6.62 | 94 | 164703 | 34.200 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 6.70 | 93 | 136837 | 34.418 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.90 | 146 | 160037 | 36.868 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.98 | 146 | 160212 | 36.506 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.13 | 146 | 149887 | 37.267 | ng | | 98 |
| 15) Benzyl Alcohol | 7.11 | 79 | 119698 | 35.326 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45 | 193947 | 37.181 | ng | | 69 |
| 17) 2-Methylphenol | 7.22 | 107 | 118681 | 37.419 | ng | # | 91 |
| 18) Hexachloroethane | 7.47 | 117 | 55041 | 35.665 | ng | # | 83 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 92593 | 33.288 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.37 | 107 | 144885 | 41.371 | ng | # | 69 |
| 22) Acetophenone | 7.37 | 105 | 185349 | 36.201 | ng | | 98 |
| 24) Nitrobenzene | 7.55 | 77 | 148479 | 35.316 | ng | | 99 |
| 25) Isophorone | 7.78 | 82 | 275377 | 37.949 | ng | | 100 |
| 26) 2-Nitrophenol | 7.86 | 139 | 79486 | 40.049 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.90 | 122 | 128657 | 41.939 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93 | 177264 | 36.383 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.11 | 162 | 128821 | 40.110 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 8.18 | 180 | 141718 | 40.055 | ng | | 98 |
| 31) Naphthalene | 8.27 | 128 | 402952 | 37.661 | ng | | 99 |
| 32) Benzoic acid | 8.03 | 122 | 73642 | 34.793 | ng | | 93 |
| 33) 4-Chloroaniline | 8.31 | 127 | 49109 | 10.939 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.37 | 225 | 93562 | 40.584 | ng | | 98 |
| 35) Caprolactam | 8.70 | 113 | 27256 | 26.035 | ng | | 99 |
| 36) 4-Chloro-3-methylphenol | 8.81 | 107 | 134108 | 39.671 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.96 | 142 | 299687 | 42.258 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 156997 | 36.888 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 9.11 | 237 | 150632 | 68.790 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
Data File : BF106761.D
Acq On : 25 Jun 2018 10:40
Operator : JU/SJ
Sample : PB110506BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB110506BS

Quant Time: Jun 25 13:50:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.24 | 196 | 97956 | 34.625 | ng | | 92 |
| 43) 2,4,5-Trichlorophenol | 9.29 | 196 | 103942 | 35.210 | ng | # | 87 |
| 45) 1,1'-Biphenyl | 9.42 | 154 | 363512 | 36.092 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.45 | 162 | 270485 | 34.118 | ng | | 96 |
| 47) 2-Nitroaniline | 9.55 | 65 | 86680 | 32.514 | ng | | 93 |
| 48) Acenaphthylene | 9.87 | 152 | 435873 | 34.823 | ng | | 99 |
| 49) Dimethylphthalate | 9.72 | 163 | 331519 | 34.975 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.79 | 165 | 78377 | 39.049 | ng | | 88 |
| 51) Acenaphthene | 10.04 | 154 | 260059 | 32.994 | ng | | 98 |
| 52) 3-Nitroaniline | 9.96 | 138 | 40411 | 17.496 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 10.07 | 184 | 72812 | 70.457 | ng | # | 20 |
| 54) Dibenzofuran | 10.21 | 168 | 408275 | 37.828 | ng | | 97 |
| 55) 4-Nitrophenol | 10.15 | 139 | 95075 | 58.973 | ng | | 96 |
| 56) 2,4-Dinitrotoluene | 10.20 | 165 | 107830 | 41.158 | ng | | 88 |
| 57) Fluorene | 10.55 | 166 | 320525 | 37.425 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.33 | 232 | 96006 | 40.912 | ng | # | 79 |
| 59) Diethylphthalate | 10.42 | 149 | 321440 | 35.136 | ng | # | 93 |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204 | 167648 | 37.412 | ng | # | 84 |
| 61) 4-Nitroaniline | 10.58 | 138 | 84820 | 37.003 | ng | | 95 |
| 62) Azobenzene | 10.70 | 77 | 304745 | 33.827 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198 | 60285 | 35.458 | ng | | 78 |
| 65) n-Nitrosodiphenylamine | 10.67 | 169 | 286658 | 30.986 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 11.04 | 248 | 120536 | 36.720 | ng | # | 78 |
| 67) Hexachlorobenzene | 11.10 | 284 | 127719 | 37.175 | ng | # | 85 |
| 68) Atrazine | 11.19 | 200 | 111437 | 37.891 | ng | | 94 |
| 69) Pentachlorophenol | 11.30 | 266 | 99788 | 58.211 | ng | | 99 |
| 70) Phenanthrene | 11.52 | 178 | 492811 | 37.148 | ng | | 99 |
| 71) Anthracene | 11.58 | 178 | 508744 | 37.571 | ng | | 99 |
| 72) Carbazole | 11.73 | 167 | 465656 | 36.731 | ng | | 98 |
| 73) Di-n-butylphthalate | 12.04 | 149 | 528145 | 35.362 | ng | | 99 |
| 74) Fluoranthene | 12.72 | 202 | 576193 | 39.406 | ng | | 94 |
| 76) Benzidine | 12.83 | 184 | 212556 | 29.321 | ng | | 97 |
| 77) Pyrene | 12.95 | 202 | 582822 | 34.722 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.55 | 149 | 238185 | 34.513 | ng | # | 95 |
| 80) Benzo(a)anthracene | 14.15 | 228 | 570880 | 36.798 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 14.10 | 252 | 86473 | 15.859 | ng | # | 97 |
| 82) Chrysene | 14.19 | 228 | 523408 | 36.672 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 14.11 | 149 | 320139 | 36.284 | ng | # | 96 |
| 84) Di-n-octyl phthalate | 14.75 | 149 | 548242 | 38.120 | ng | | 95 |
| 85) Indeno(1,2,3-cd)pyrene | 17.28 | 276 | 461824 | 38.129 | ng | # | 89 |
| 87) Benzo(b)fluoranthene | 15.25 | 252 | 498666 | 37.187 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 15.28 | 252 | 480880 | 37.657 | ng | # | 95 |
| 89) Benzo(a)pyrene | 15.64 | 252 | 456348 | 38.282 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 17.30 | 278 | 379051 | 37.519 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 17.77 | 276 | 392999 | 39.799 | ng | # | 89 |

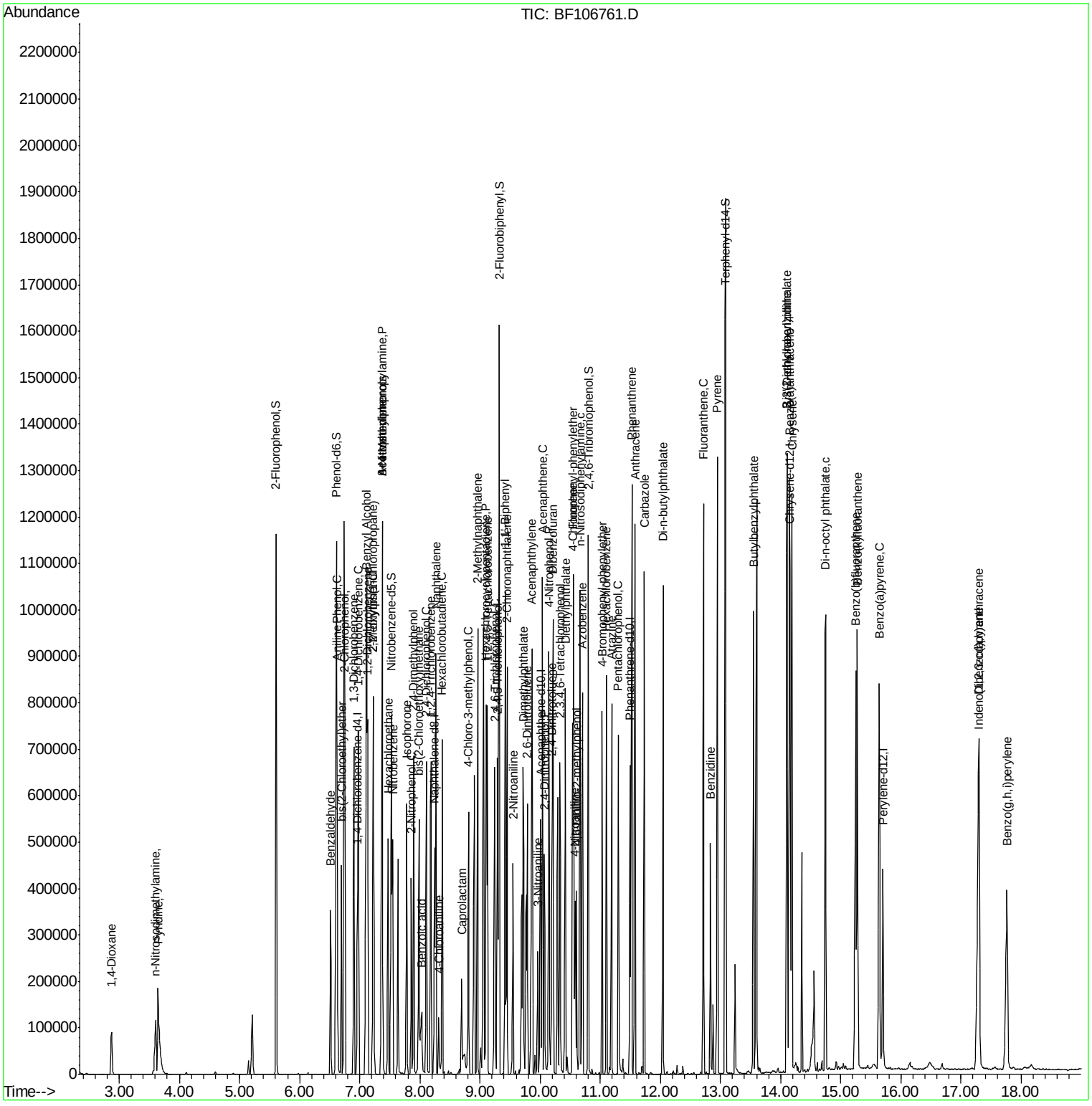
(#) = qualifier out of range (m) = manual integration (+) = signals summed

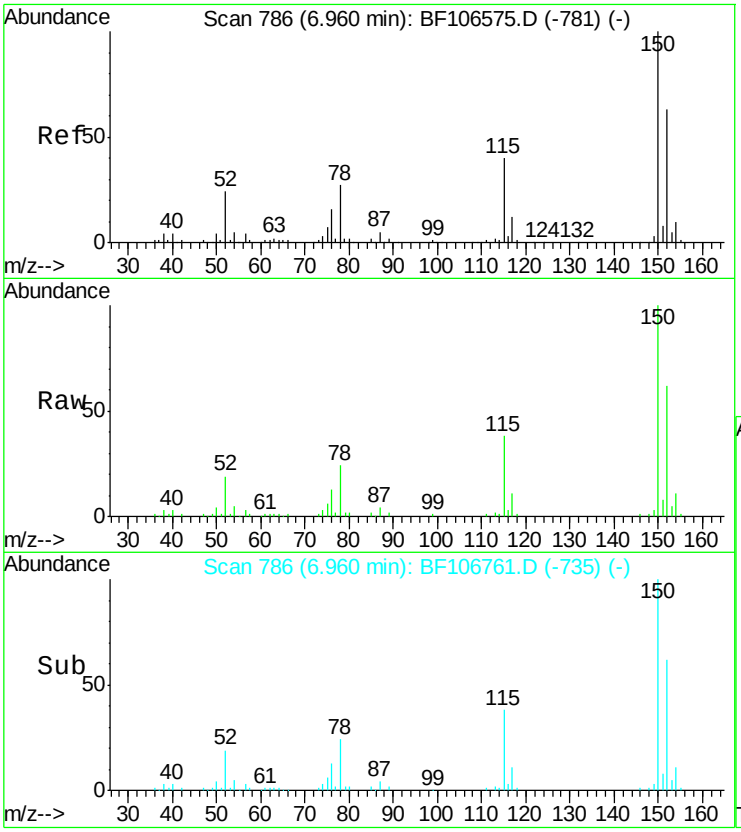
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
Data File : BF106761.D
Acq On : 25 Jun 2018 10:40
Operator : JU/SJ
Sample : PB110506BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Quant Time: Jun 25 13:50:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration



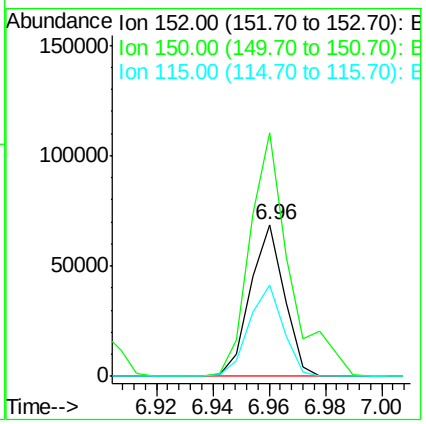


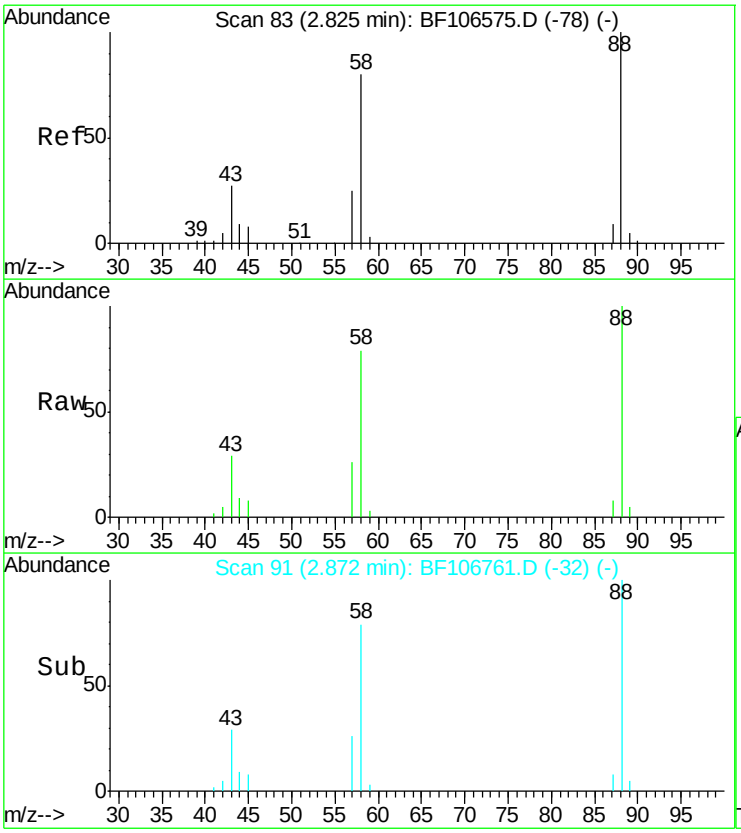

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:152 Resp: 57219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.2 | 124.6 | 186.8 |
| 115 | 60.1 | 50.1 | 75.1 |

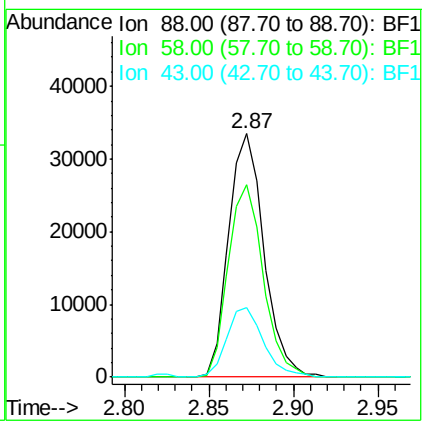


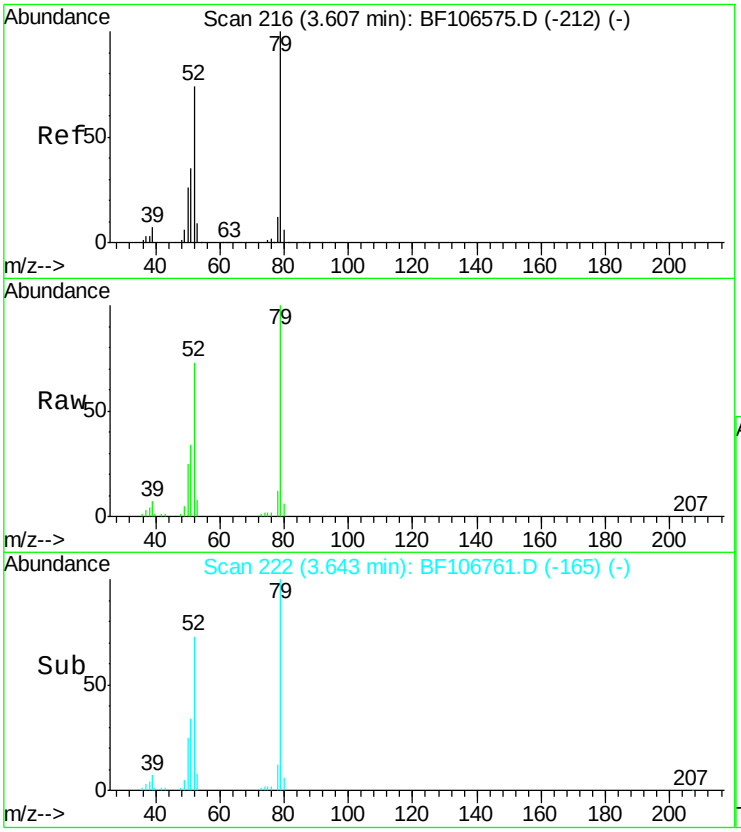




#2
1,4-Dioxane
Concen: 28.103 ng
RT: 2.87 min Scan# 91
Delta R.T. 0.05 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion: 88 Resp: 48821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.5 | 62.6 | 93.8 |
| 43 | 29.4 | 24.6 | 37.0 |



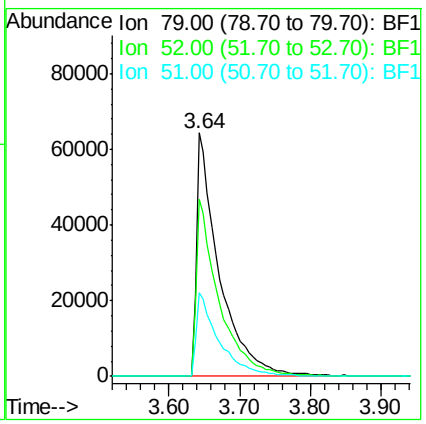


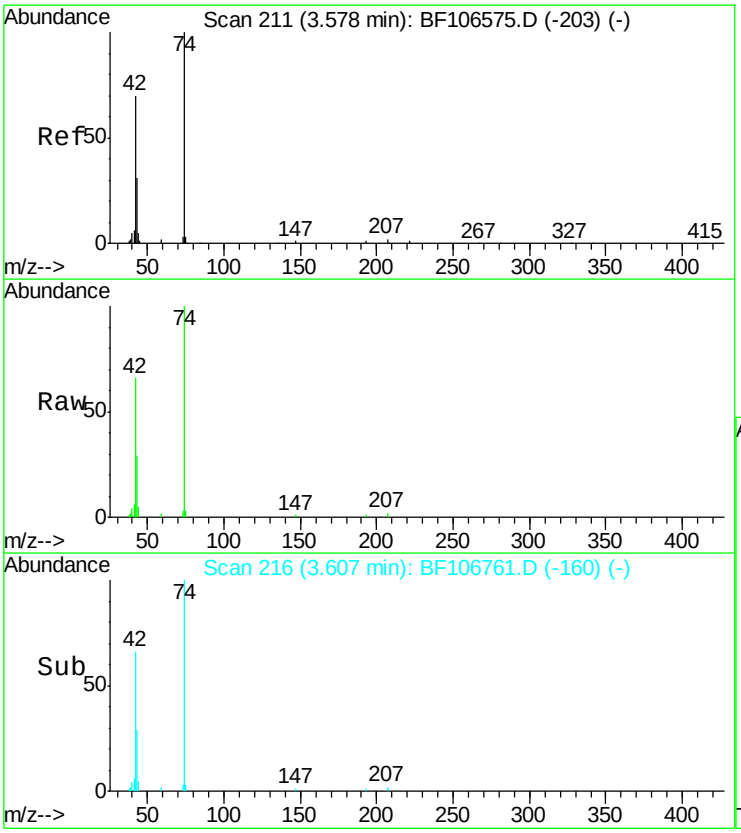

#3
Pyridine
Concen: 30.564 ng
RT: 3.64 min Scan# 222
Delta R.T. 0.04 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion: 79 Resp: 144001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 72.7 | 59.8 | 89.6 |
| 51 | 34.1 | 29.8 | 44.8 |

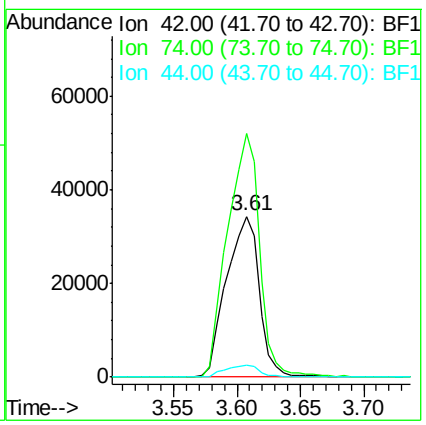


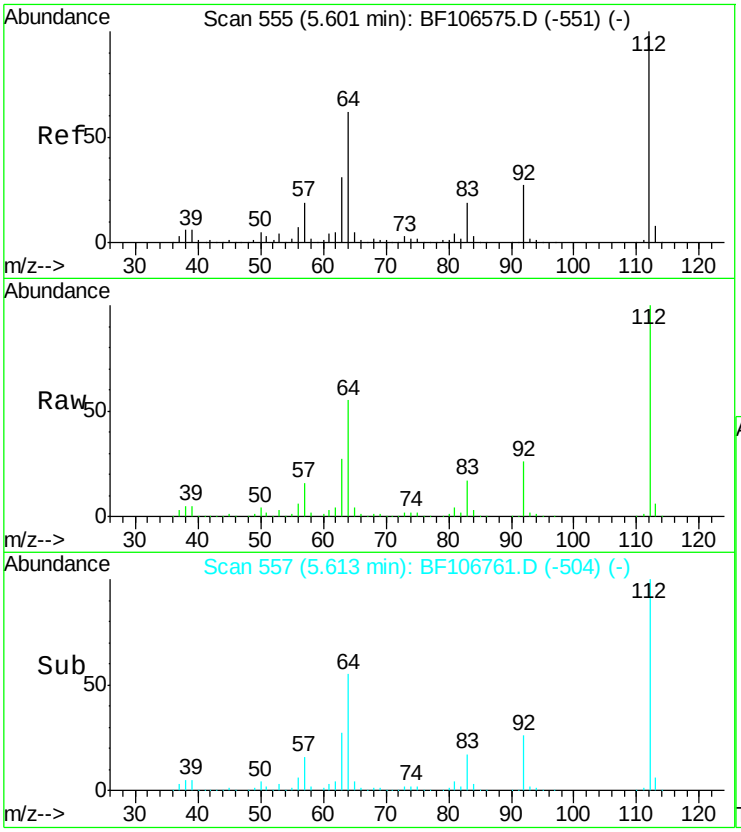




#4
n-Nitrosodimethylamine
Concen: 30.844 ng
RT: 3.61 min Scan# 216
Delta R.T. 0.03 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion: 42 Resp: 61722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 151.4 | 104.9 | 157.3 |
| 44 | 7.8 | 6.9 | 10.3 |



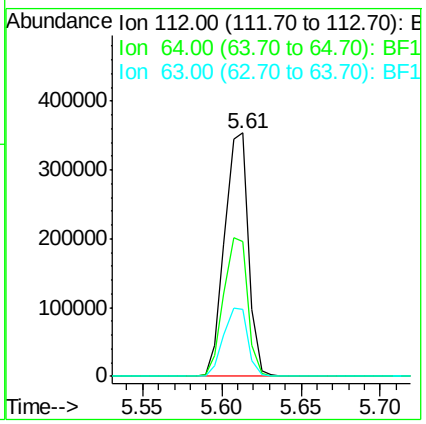


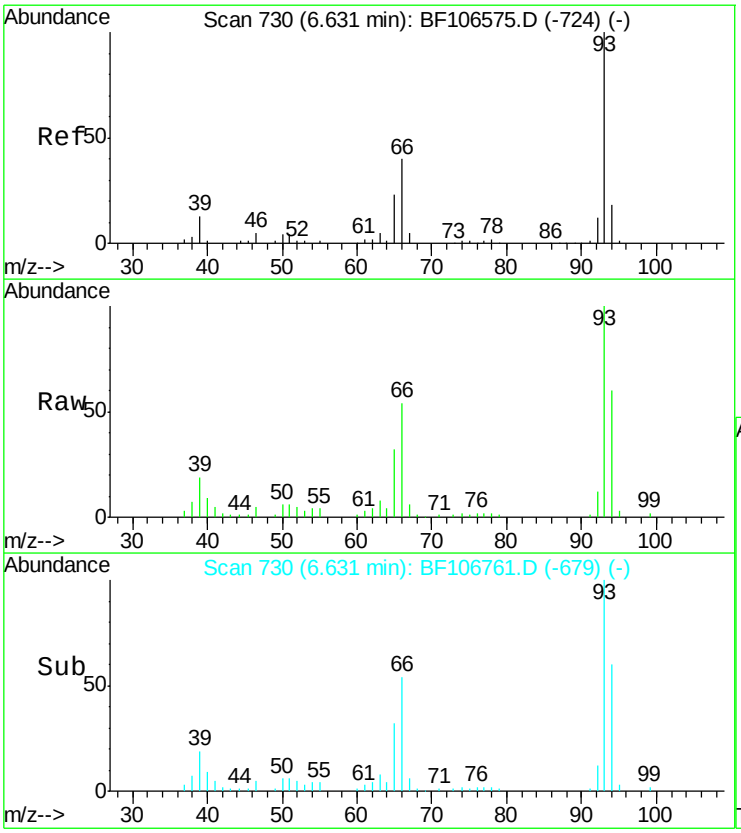

#5
2-Fluorophenol
Concen: 109.535 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:112 Resp: 370132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.5 | 47.9 | 71.9 |
| 63 | 27.3 | 23.7 | 35.5 |

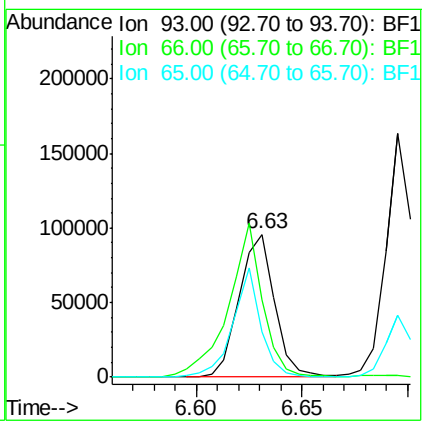


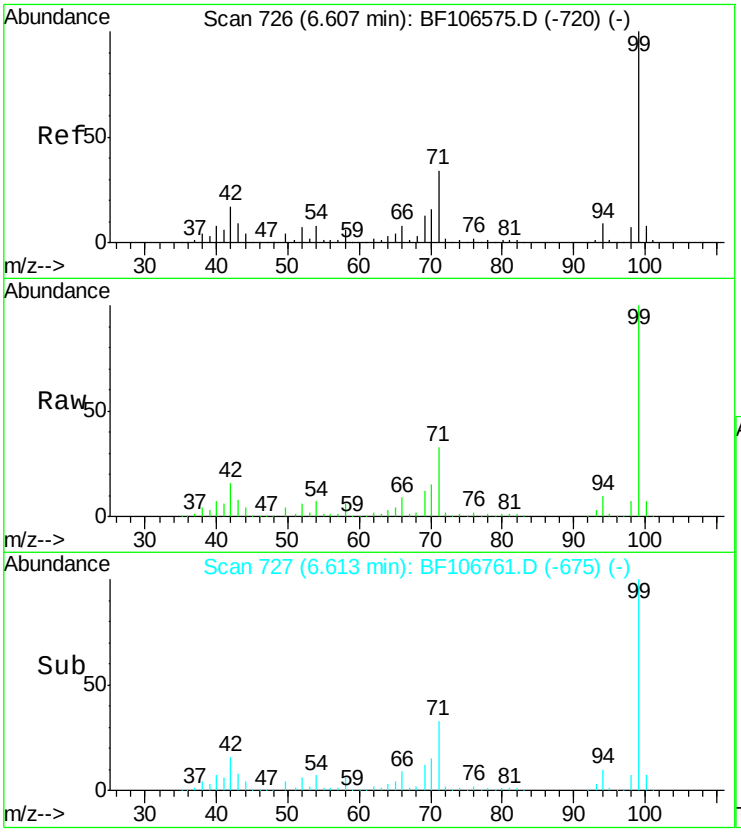




#6
Aniline
Concen: 19.498 ng
RT: 6.63 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion: 93 Resp: 111607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 54.0 | 32.2 | 48.2# |
| 65 | 31.6 | 16.4 | 24.6# |



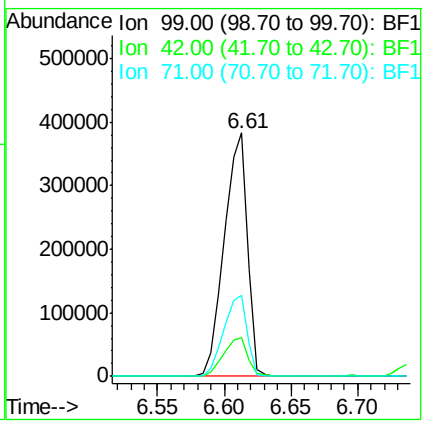


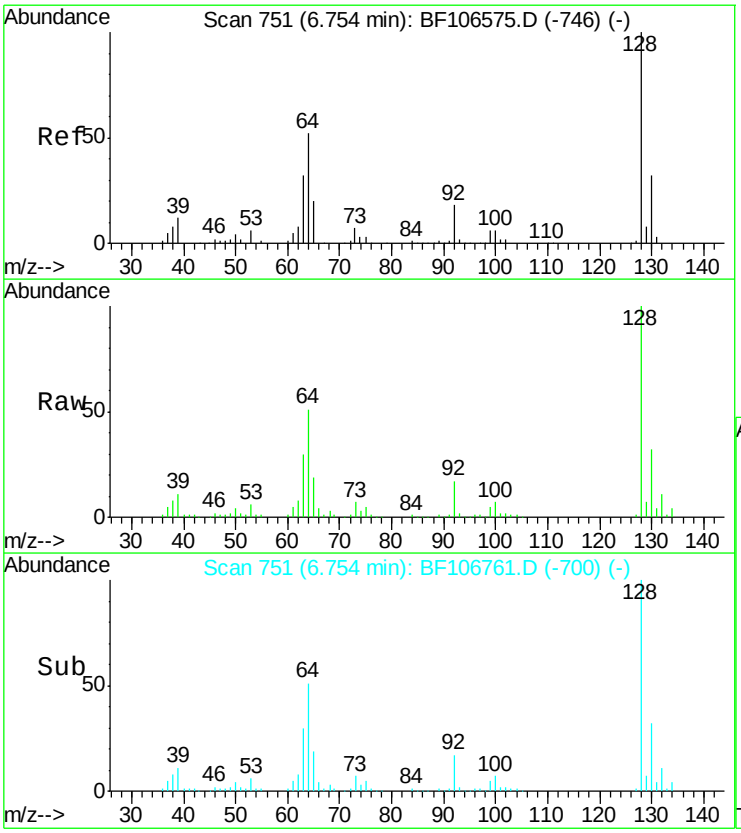

#7
Phenol-d6
Concen: 111.230 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion: 99 Resp: 469374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 14.5 | 21.7 |
| 71 | 33.2 | 25.4 | 38.0 |

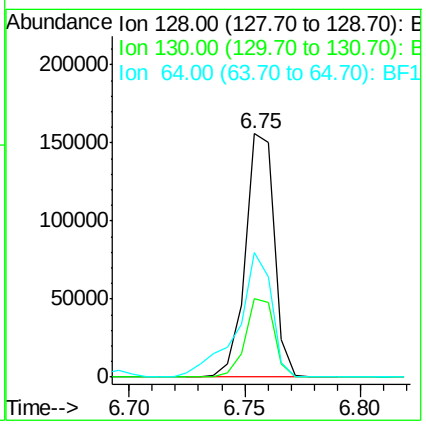


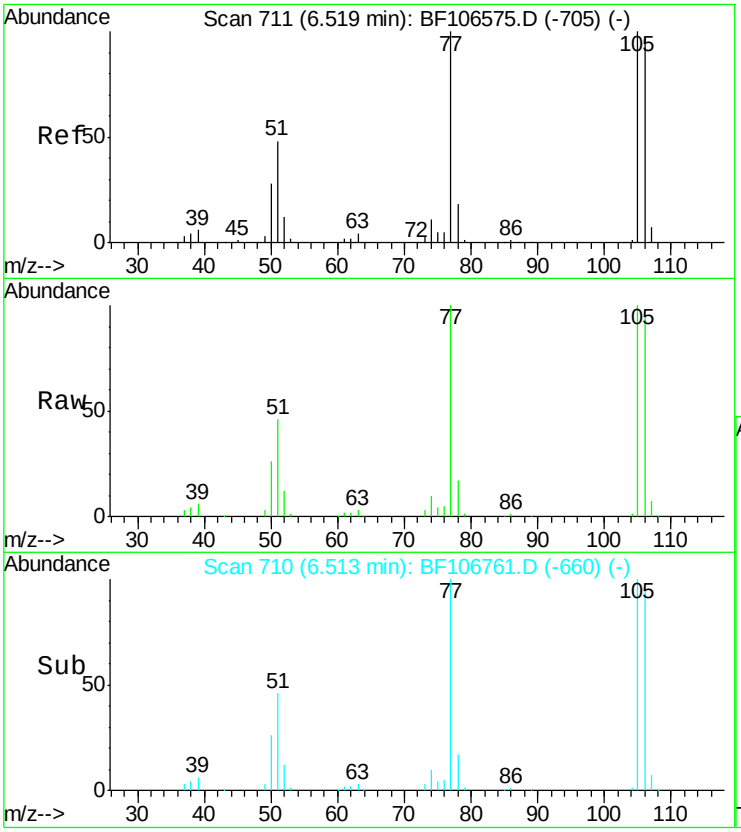




#8
2-Chlorophenol
Concen: 36.947 ng
RT: 6.75 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:128 Resp: 136934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.4 | 13.0 | 53.0 |
| 64 | 51.2 | 29.4 | 69.4 |



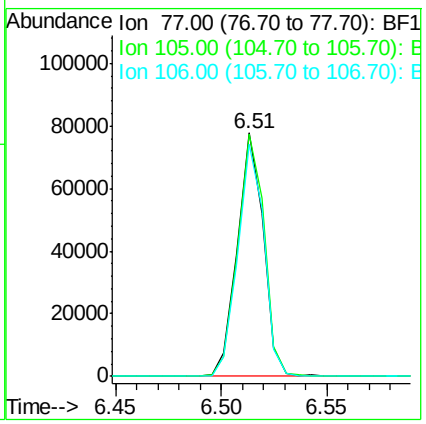


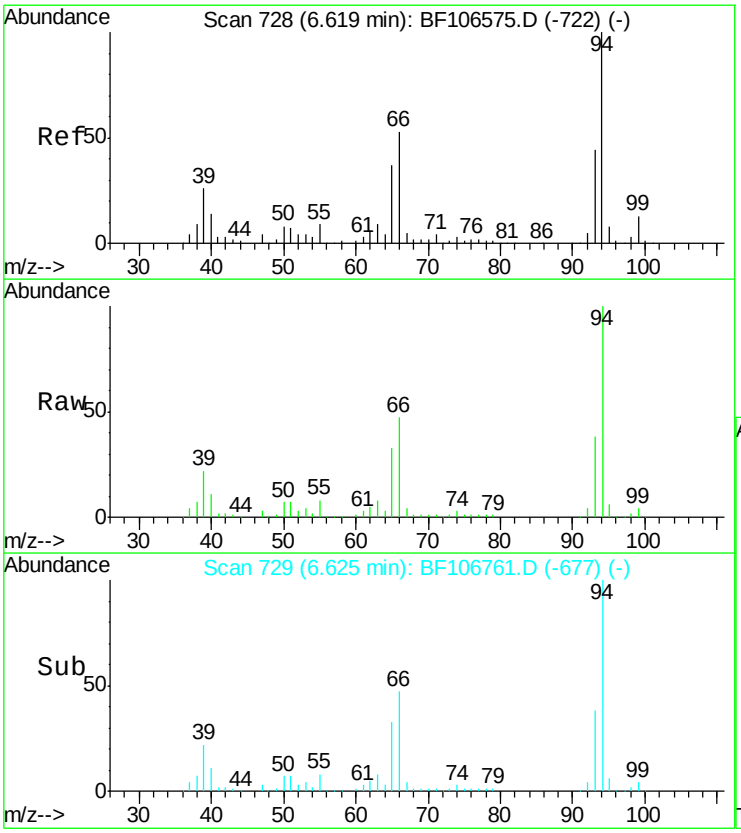

#9
Benzaldehyde
Concen: 20.072 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion: 77 Resp: 66002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.6 | 81.1 | 121.1 |
| 106 | 95.6 | 74.5 | 114.5 |

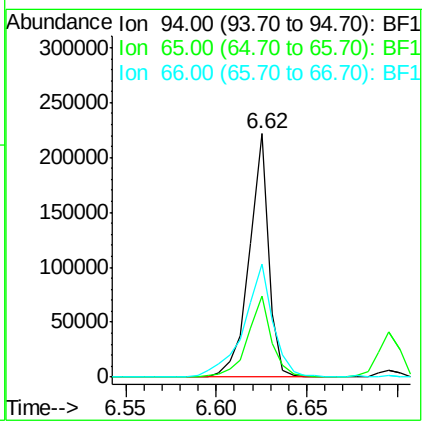


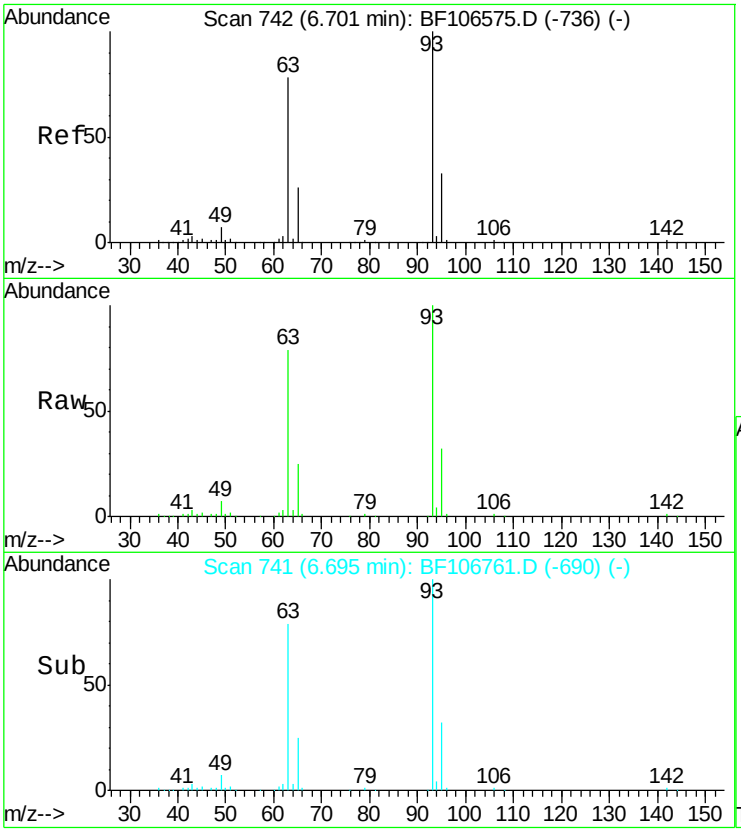




#10
Phenol
Concen: 34.200 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion: 94 Resp: 164703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.2 | 7.9 | 47.9 |
| 66 | 46.6 | 16.2 | 56.2 |



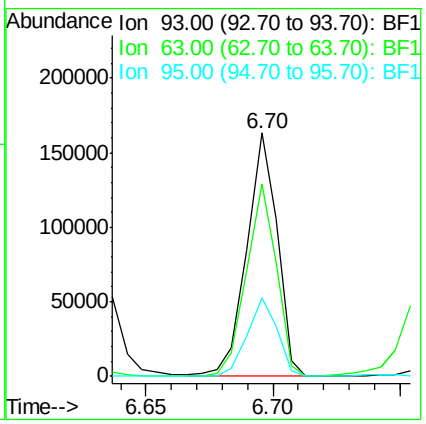


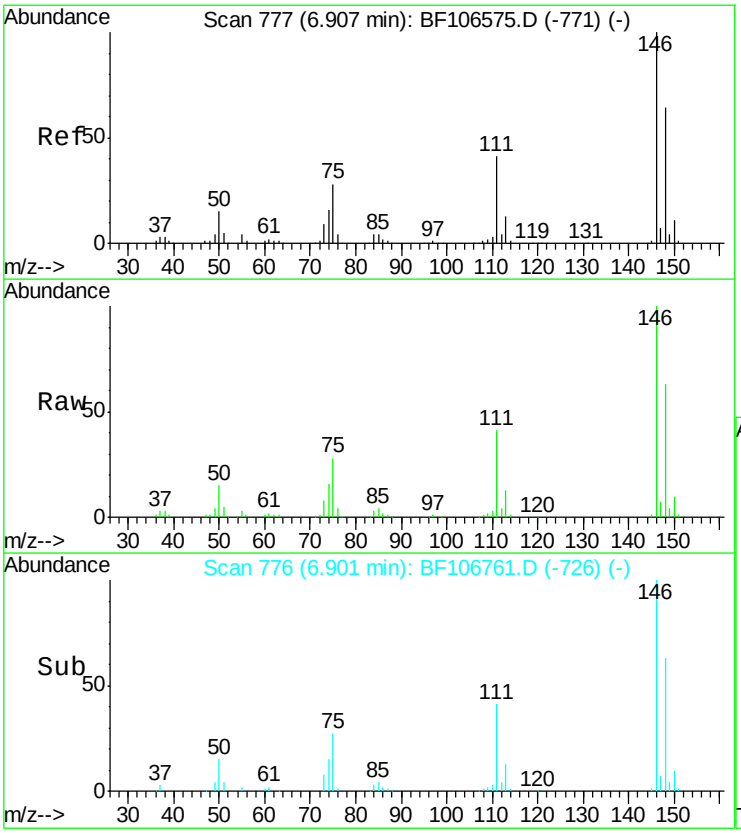

#11
bis(2-Chloroethyl)ether
Concen: 34.418 ng
RT: 6.70 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion: 93 Resp: 136837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.3 | 58.6 | 98.6 |
| 95 | 32.0 | 11.8 | 51.8 |

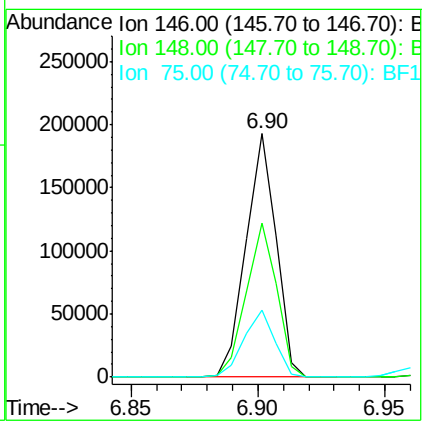


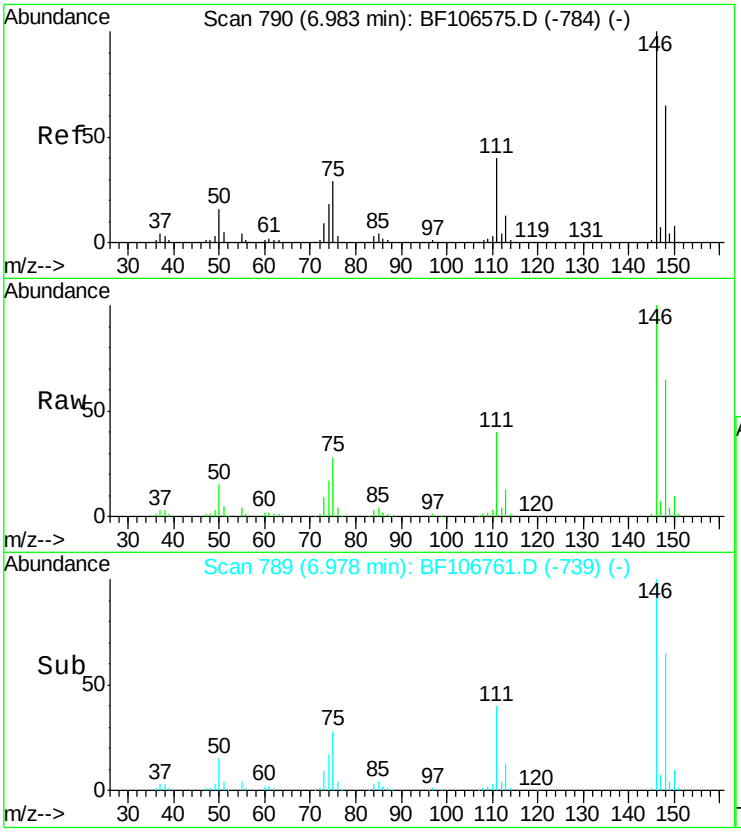




#12
1,3-Dichlorobenzene
Concen: 36.868 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:146 Resp: 160037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 51.8 | 77.8 |
| 75 | 27.5 | 24.2 | 36.4 |



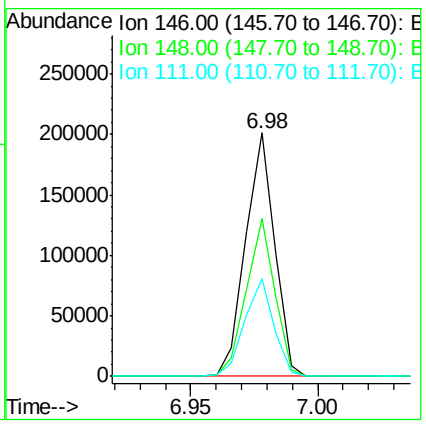


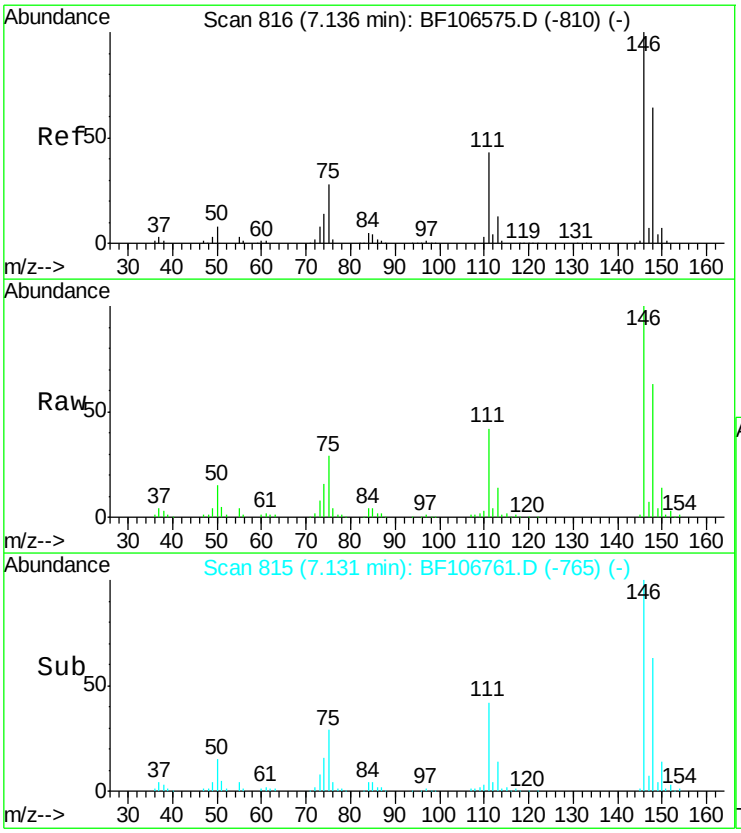

#13
1,4-Dichlorobenzene
Concen: 36.506 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:146 Resp: 160212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 50.8 | 76.2 |
| 111 | 40.2 | 34.2 | 51.2 |

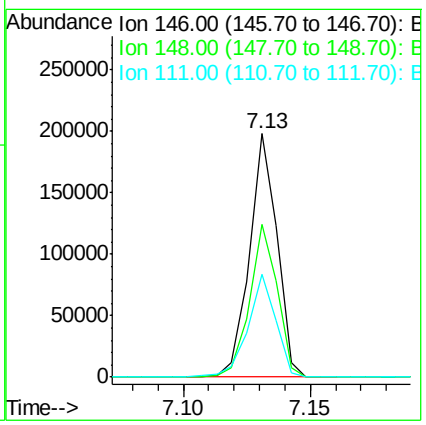


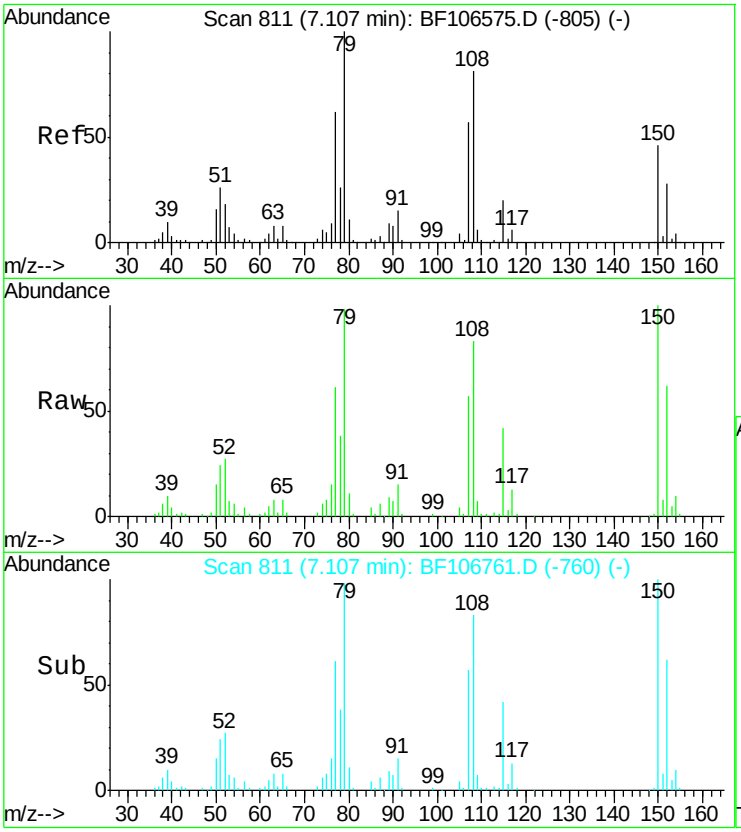




#14
1,2-Dichlorobenzene
Concen: 37.267 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:146 Resp: 149887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.6 | 50.6 | 75.8 |
| 111 | 42.2 | 36.0 | 54.0 |



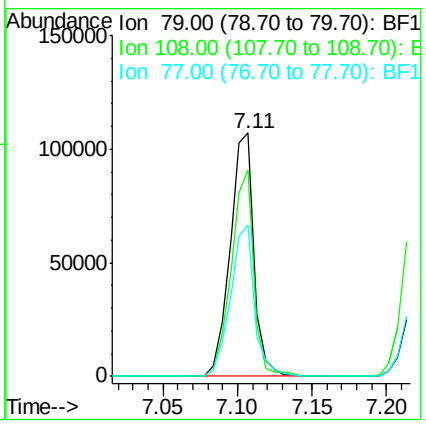


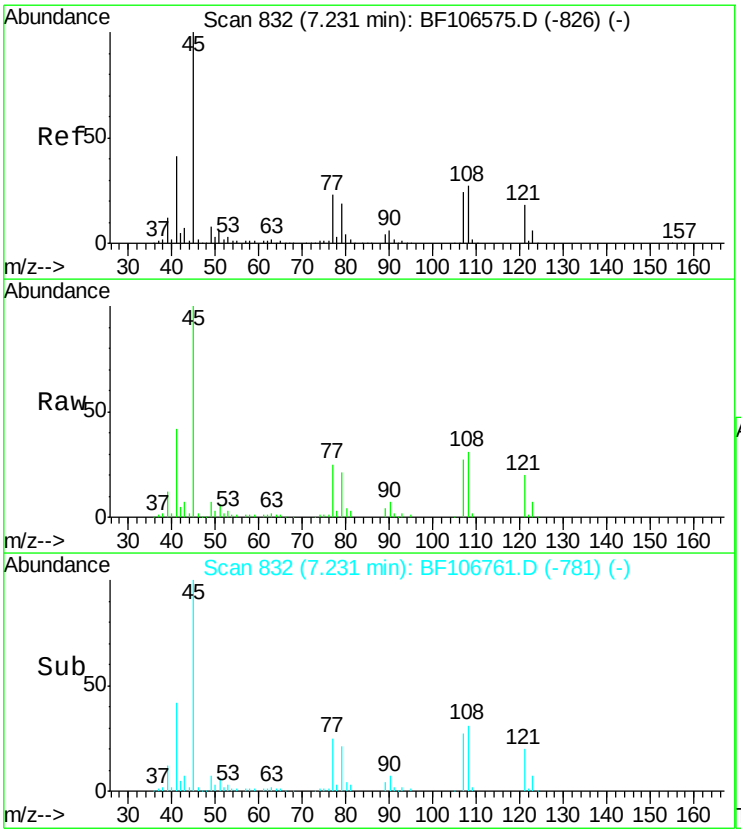

#15
Benzyl Alcohol
Concen:  35.326 ng
RT: 7.11 min  Scan# 811
Delta R.T.  0.00 min
Lab File:  BF106761.D
Acq: 25 Jun 2018  10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion: 79 Resp:  119698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 84.8 | 65.1 | 97.7 |
| 77 | 62.1 | 50.6 | 75.8 |

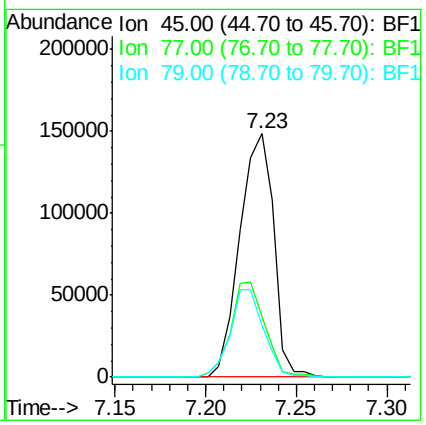


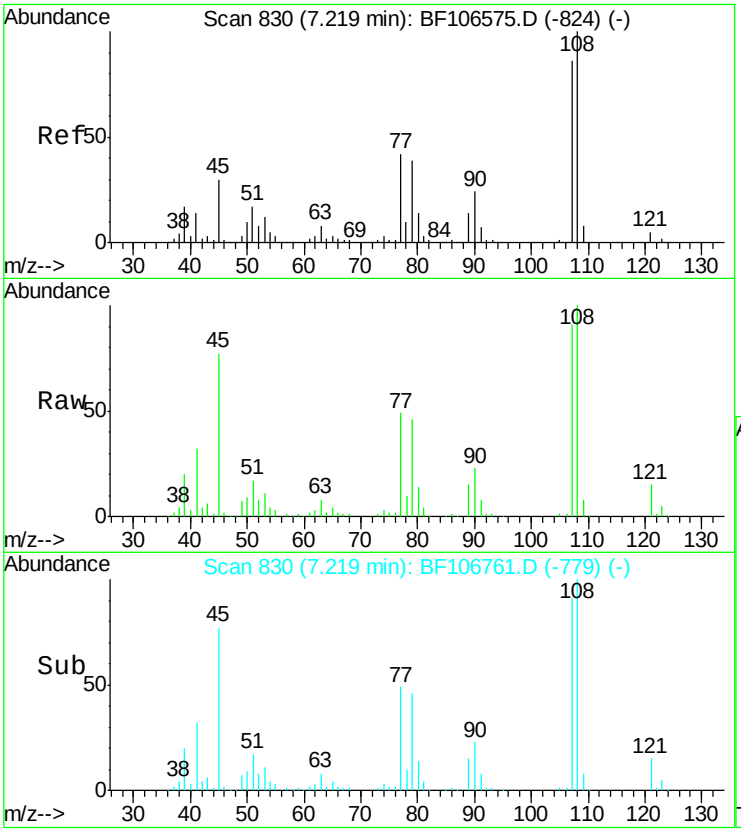




#16
2,2'-oxybis(1-Chloropropane)
Concen:  37.181 ng
RT: 7.23 min  Scan# 832
Delta R.T.  0.00 min
Lab File:  BF106761.D
Acq: 25 Jun 2018  10:40

Tgt Ion: 45 Resp:  193947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 24.8 | 0.0 | 32.9 |
| 79 | 21.1 | 0.0 | 29.6 |



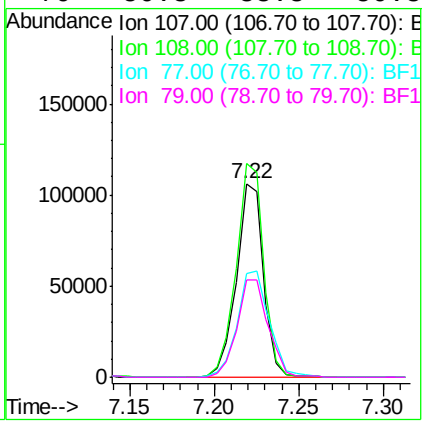


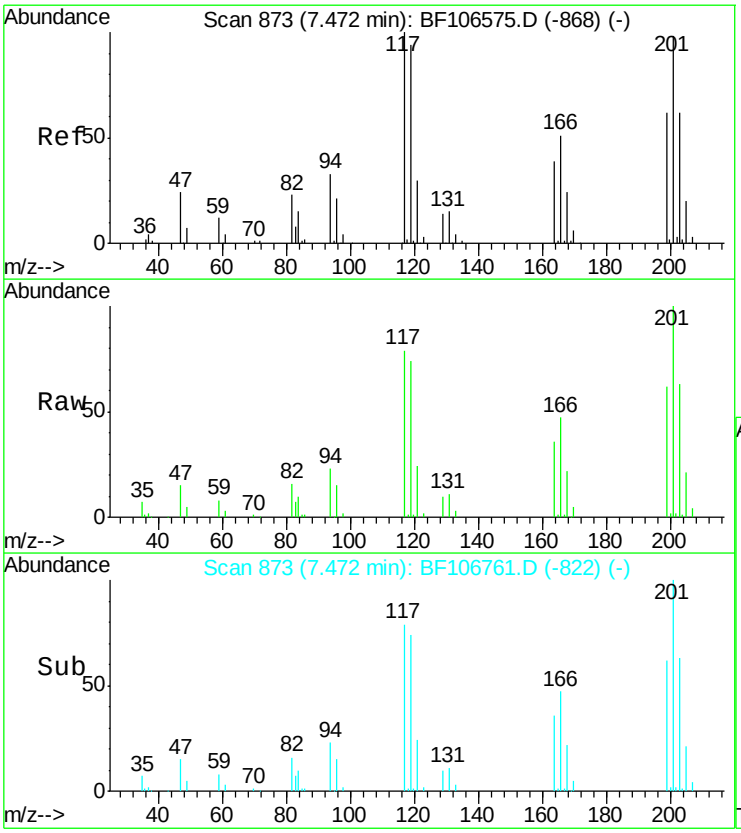

#17
2-Methylphenol
Concen: 37.419 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:107 Resp: 118681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.5 | 91.7 | 137.5 |
| 77 | 53.7 | 33.8 | 50.8# |
| 79 | 50.3 | 33.8 | 50.8 |

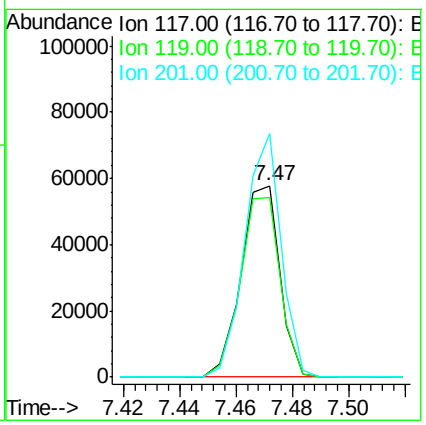


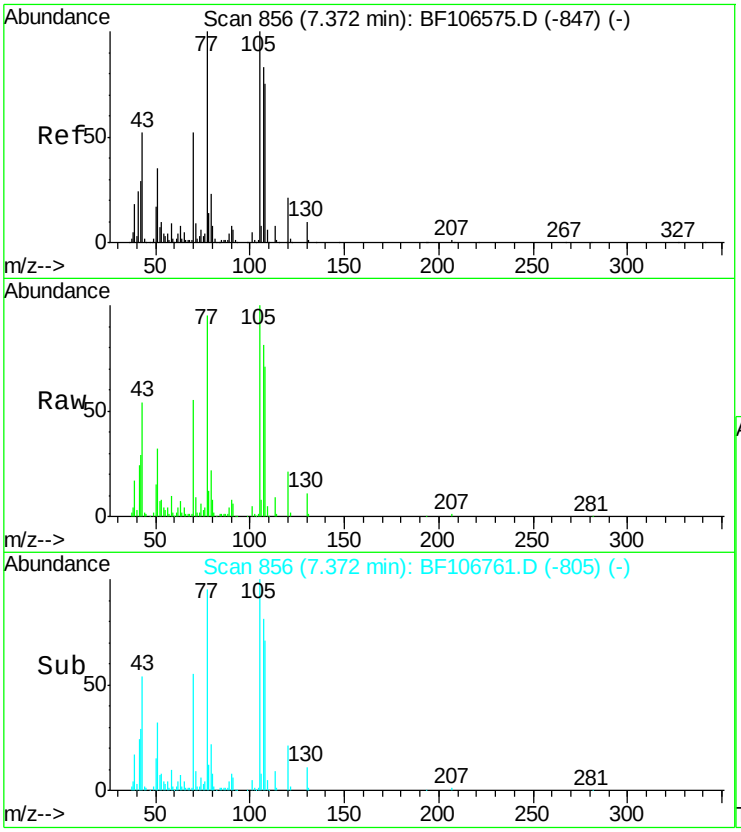




#18
Hexachloroethane
Concen: 35.665 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:117 Resp: 55041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.1 | 75.8 | 113.8 |
| 201 | 127.1 | 75.7 | 113.5# |



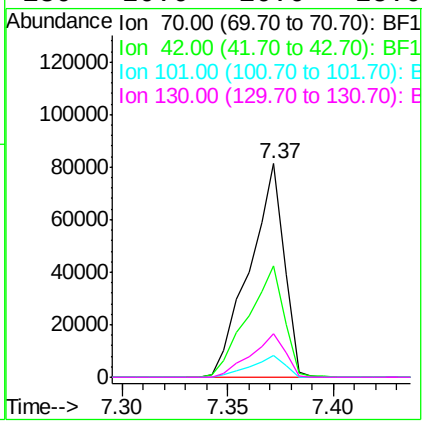


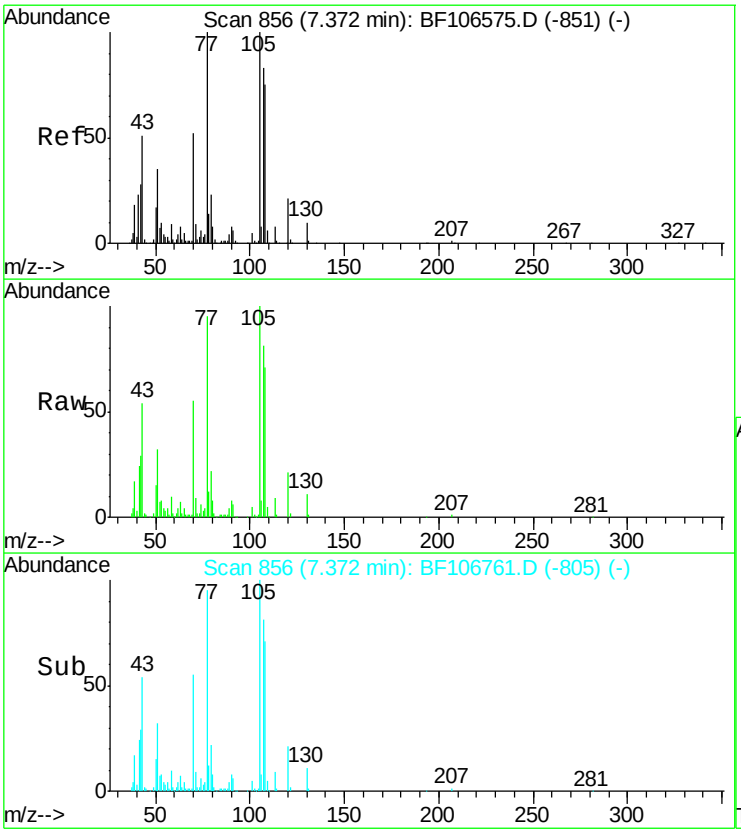

#19
n-Nitroso-di-n-propylamine
Concen: 33.288 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion: 70 Resp: 92593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 52.4 | 47.5 | 71.3 |
| 101 | 9.9 | 7.4 | 11.2 |
| 130 | 20.6 | 16.6 | 25.0 |

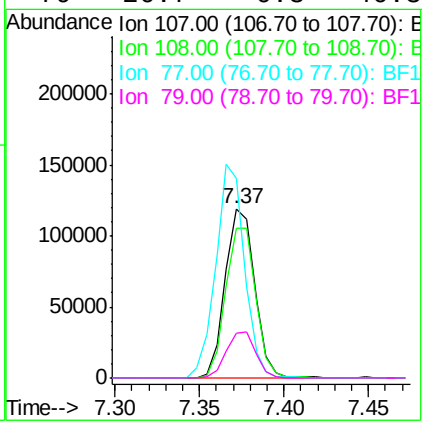


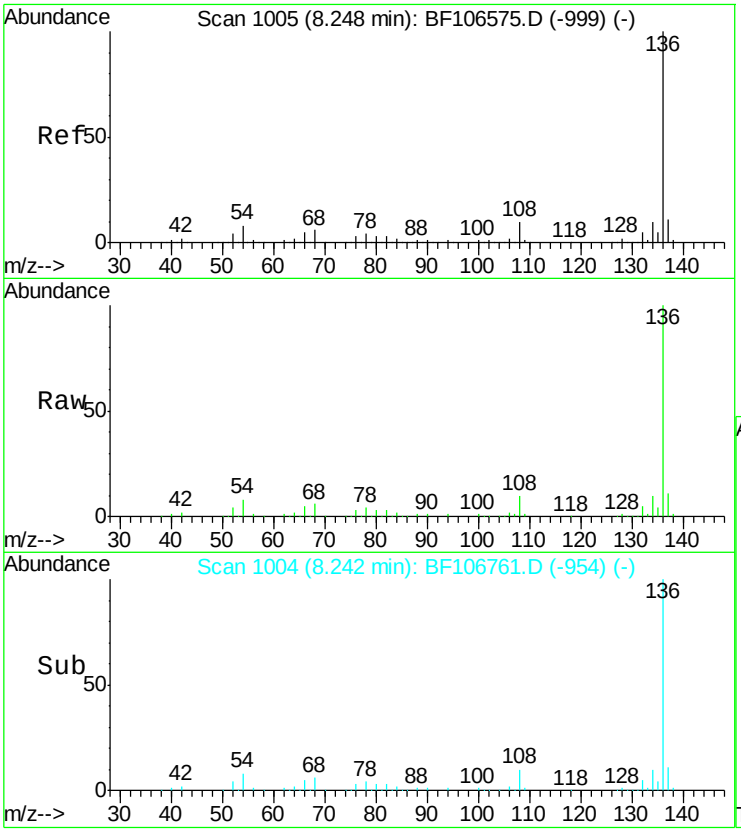




#20
3+4-Methylphenols
Concen: 41.371 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:107 Resp: 144885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.5 | 68.2 | 108.2 |
| 77 | 118.2 | 26.7 | 66.7# |
| 79 | 26.7 | 6.3 | 46.3 |



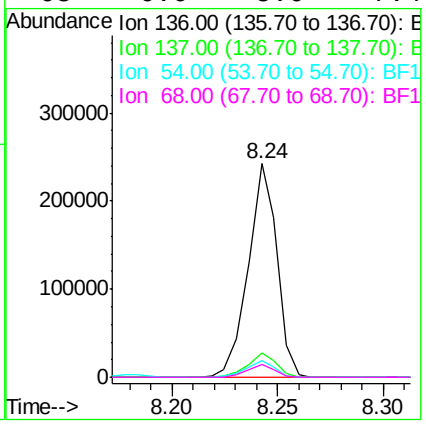


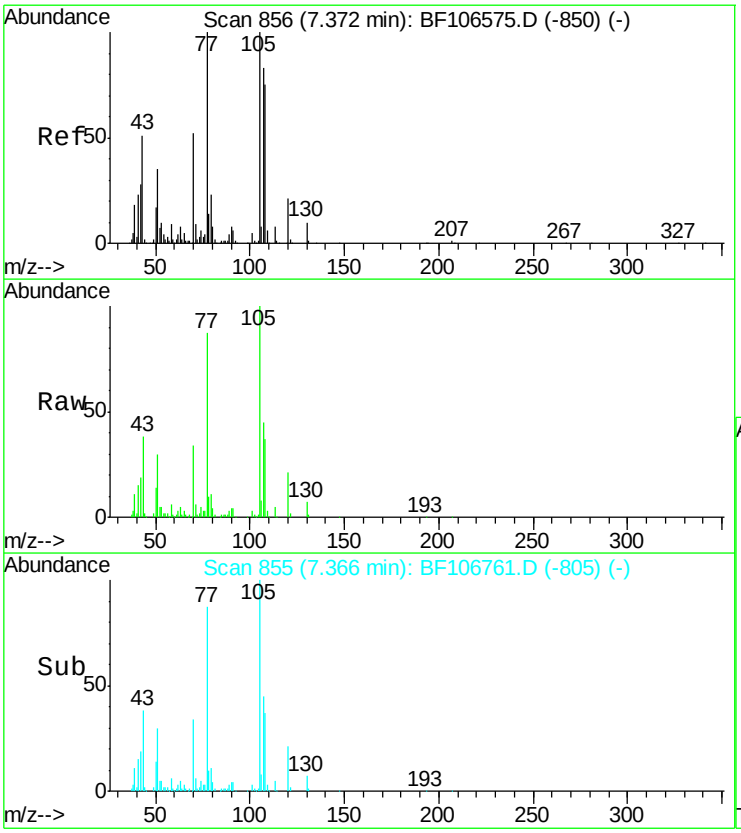

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:136 Resp: 228852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 7.7 | 6.6 | 9.8 |
| 68 | 6.0 | 5.0 | 7.4 |

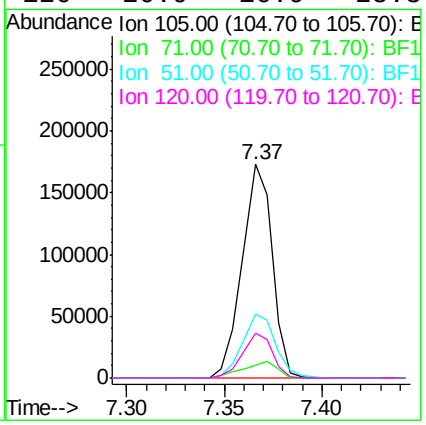


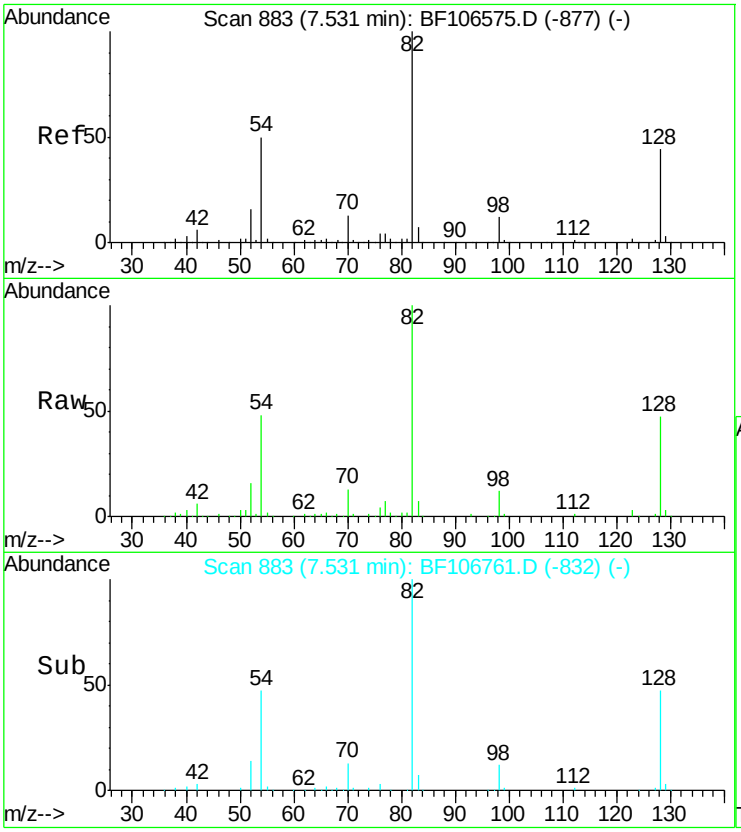




#22
Acetophenone
Concen: 36.201 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:105 Resp: 185349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.9 | 4.4 | 6.6 |
| 51 | 29.8 | 22.3 | 33.5 |
| 120 | 20.9 | 16.9 | 25.3 |



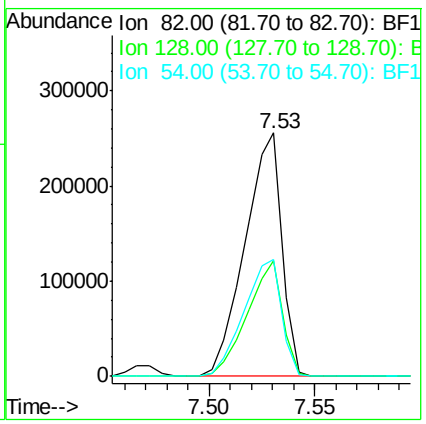


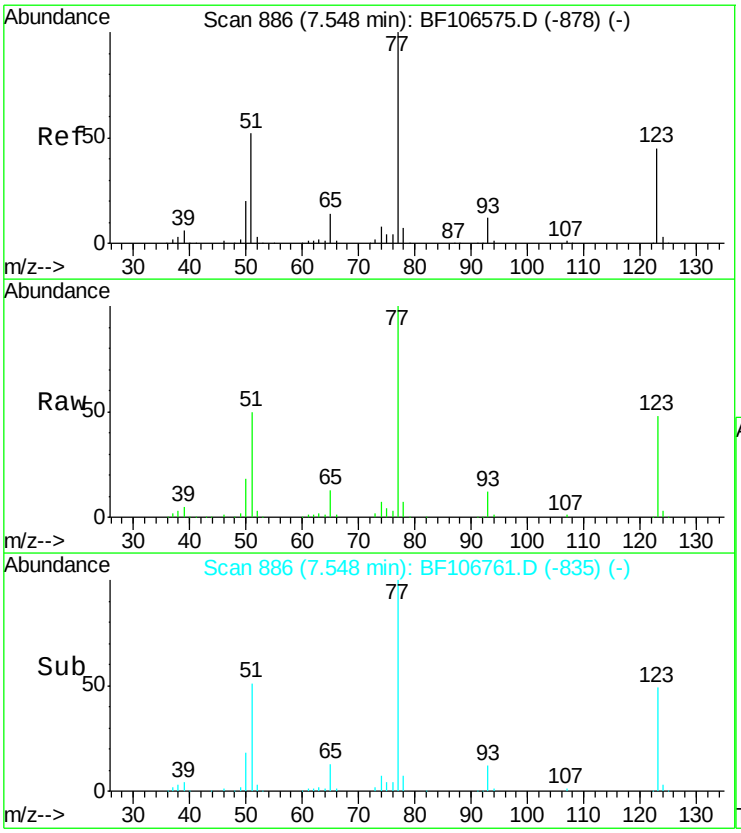

#23
Nitrobenzene-d5
Concen: 75.275 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion: 82 Resp: 309983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.3 | 36.1 | 54.1 |
| 54 | 47.9 | 41.4 | 62.2 |

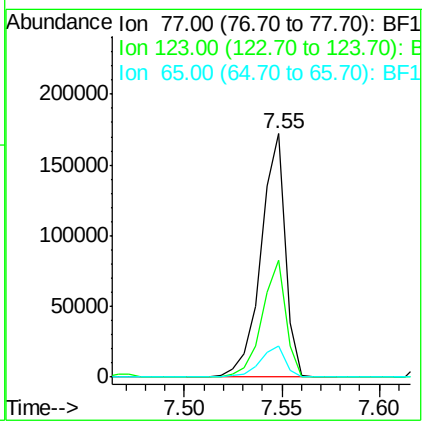


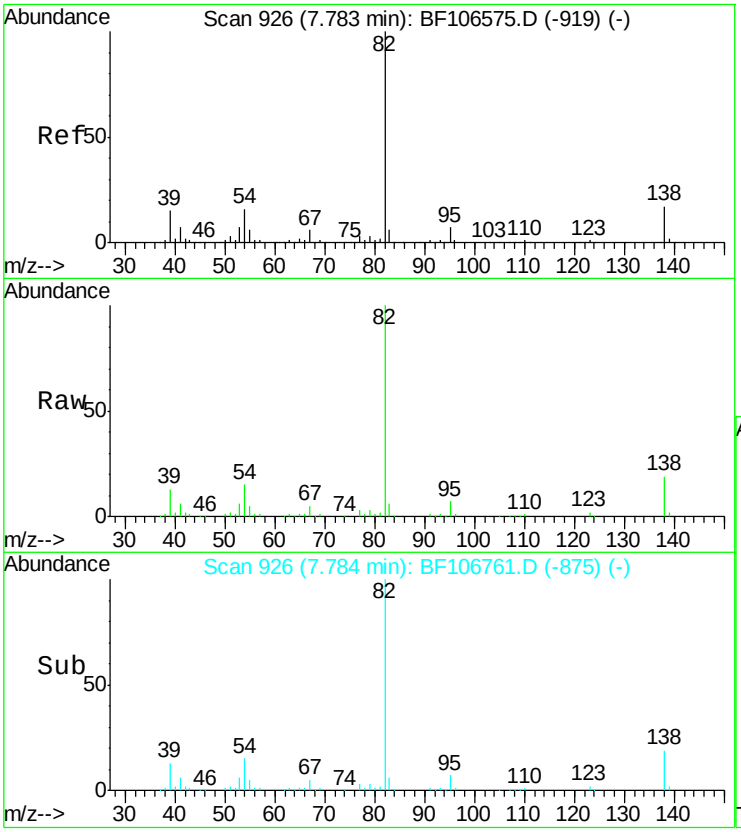




#24
Nitrobenzene
Concen: 35.316 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion: 77 Resp: 148479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.1 | 37.9 | 56.9 |
| 65 | 13.0 | 11.0 | 16.4 |



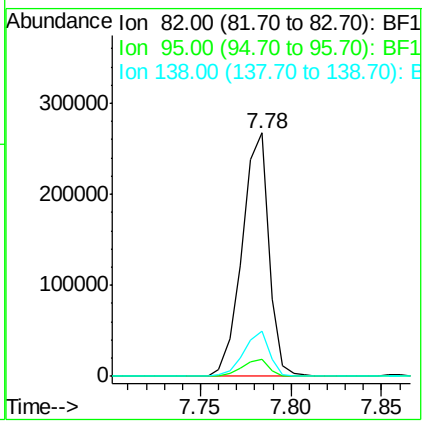


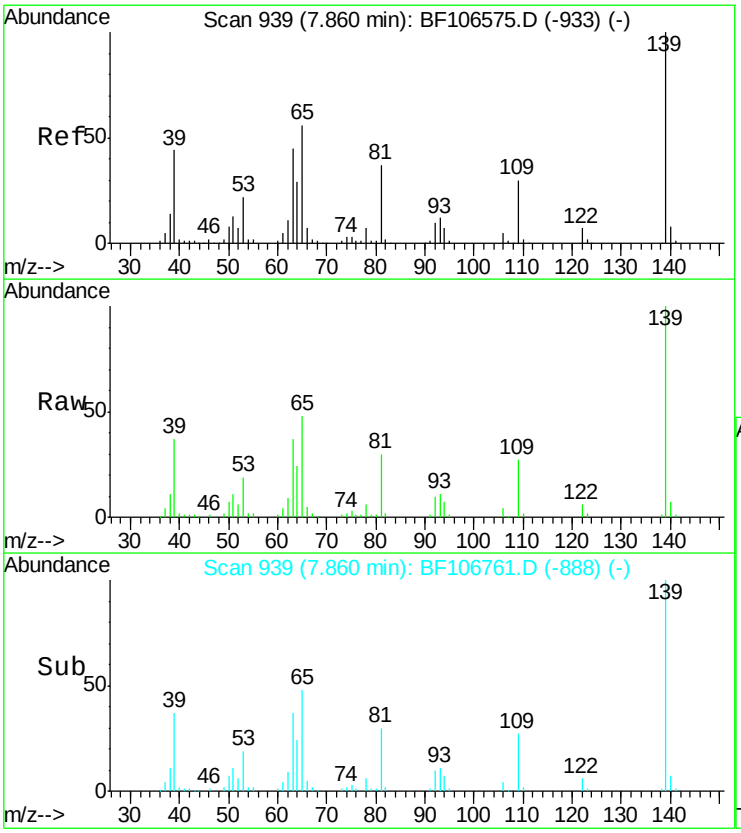

#25
Isophorone
Concen: 37.949 ng
RT: 7.78 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion: 82 Resp: 275377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.2 | 7.8 |
| 138 | 18.5 | 14.9 | 22.3 |

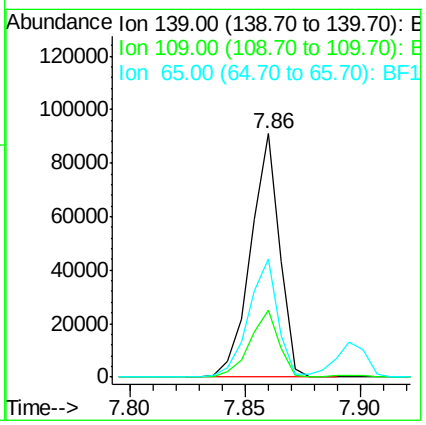


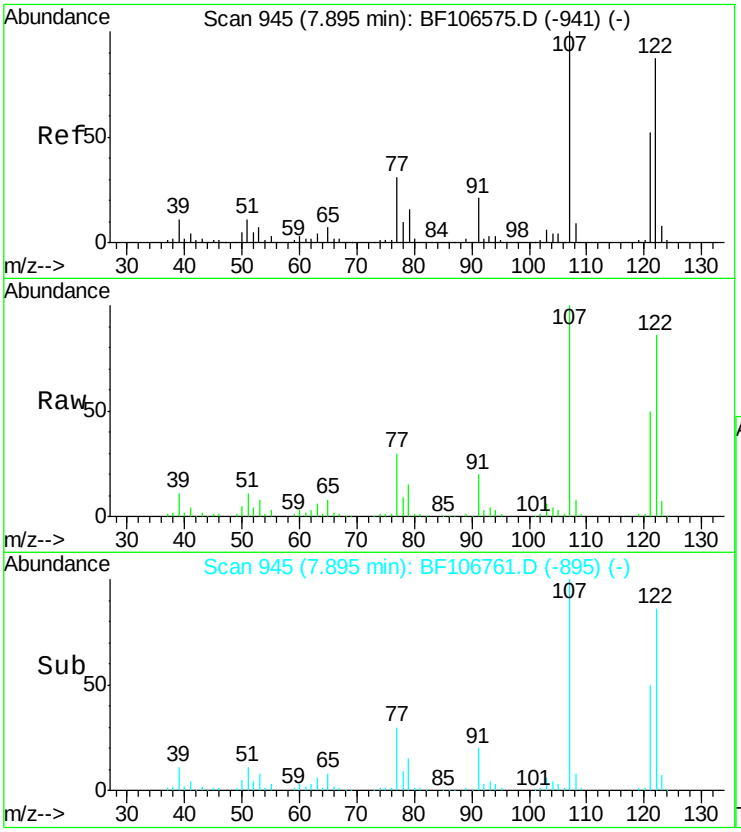




#26
2-Nitrophenol
Concen: 40.049 ng
RT: 7.86 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:139 Resp: 79486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.4 | 22.7 | 34.1 |
| 65 | 48.3 | 40.5 | 60.7 |



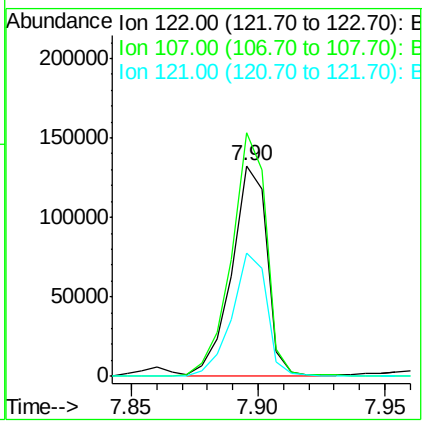


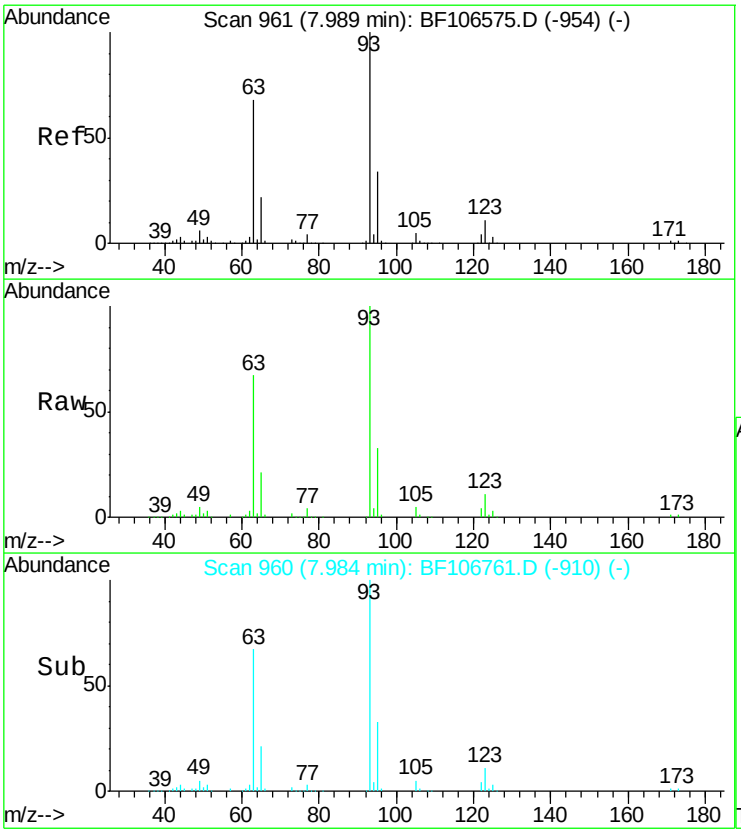

#27
2,4-Dimethylphenol
Concen: 41.939 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:122 Resp: 128657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.7 | 91.2 | 136.8 |
| 121 | 58.3 | 47.2 | 70.8 |

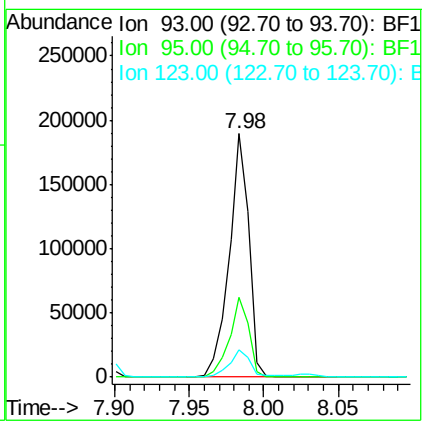


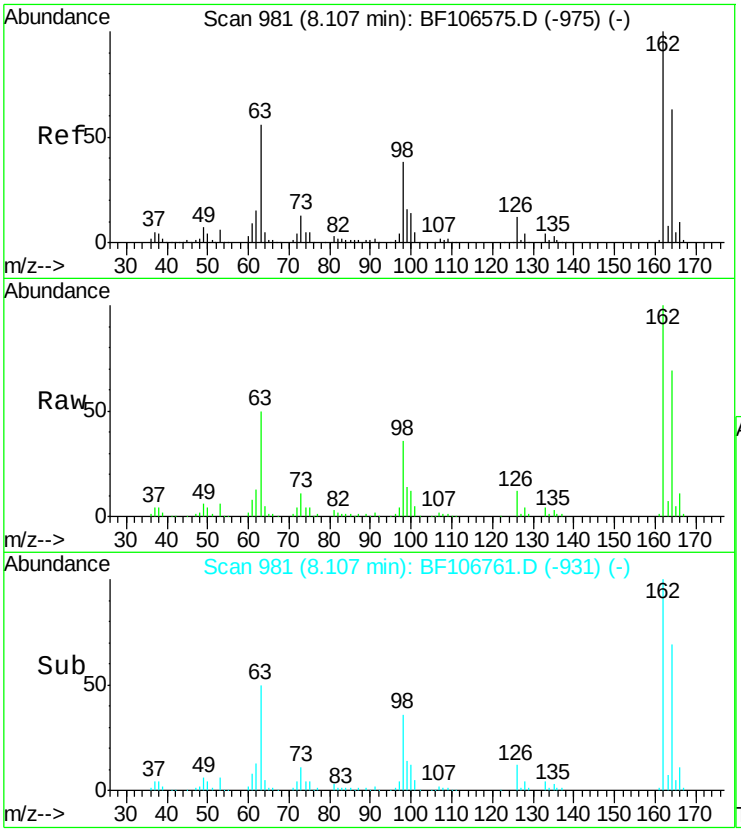




#28
bis(2-Chloroethoxy)methane
Concen: 36.383 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion: 93 Resp: 177264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 26.3 | 39.5 |
| 123 | 11.2 | 9.8 | 14.6 |



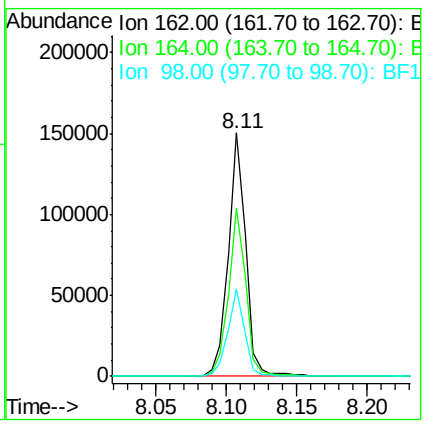


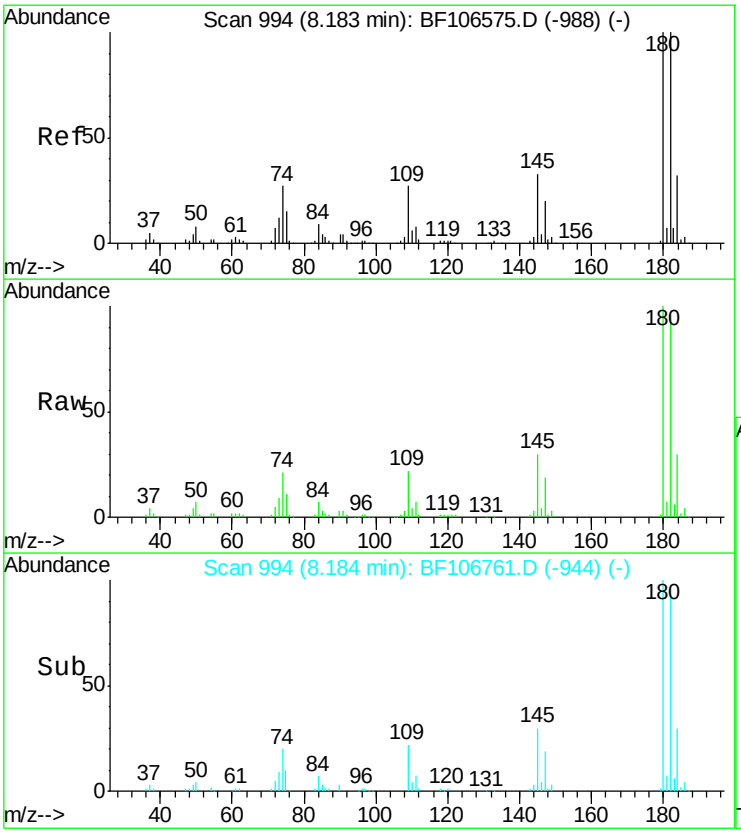

#29
2,4-Dichlorophenol
Concen: 40.110 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:162 Resp: 128821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 68.9 | 42.7 | 82.7 |
| 98 | 35.9 | 18.1 | 58.1 |

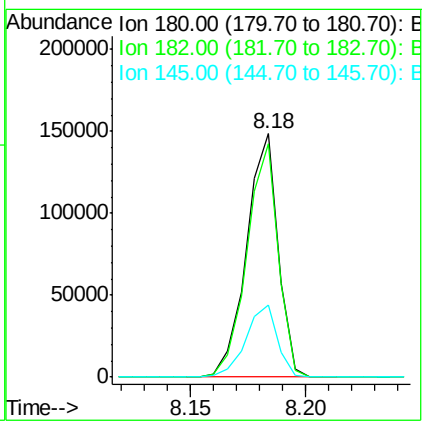


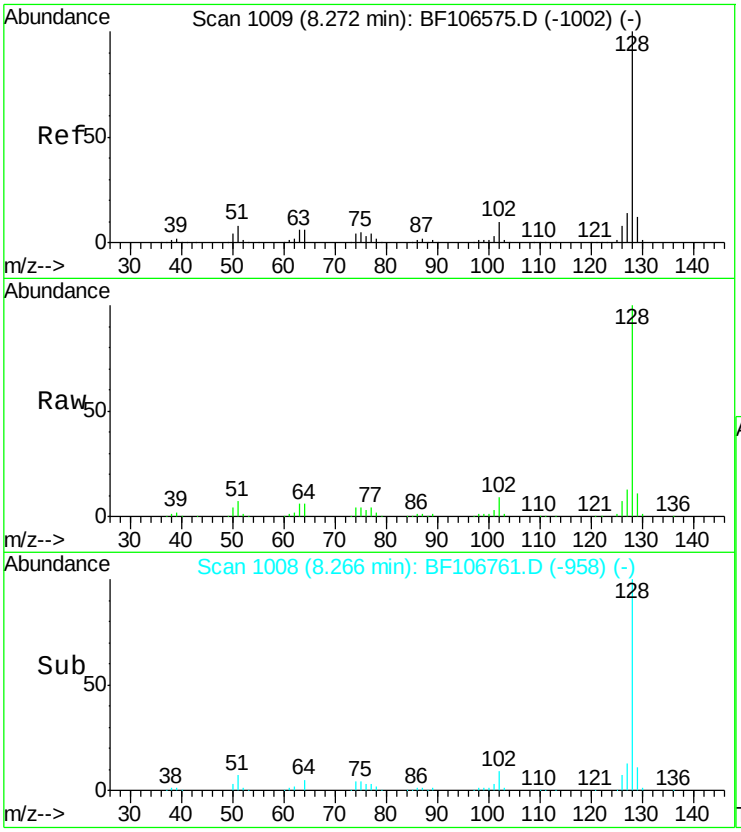




#30
1,2,4-Trichlorobenzene
Concen: 40.055 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:180 Resp: 141718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 76.8 | 115.2 |
| 145 | 29.8 | 26.5 | 39.7 |



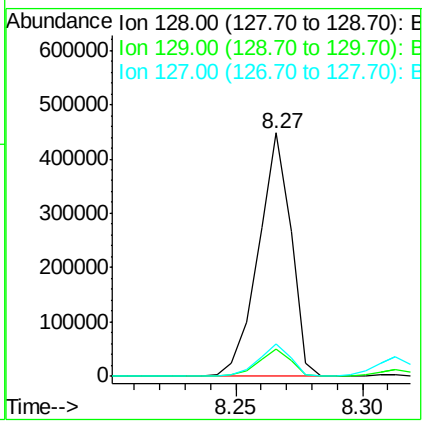


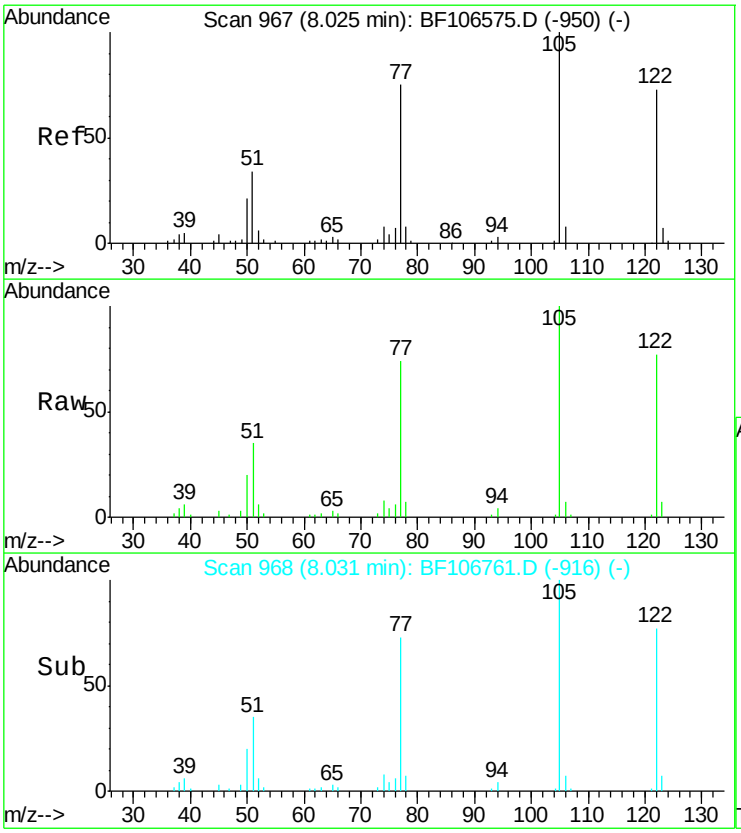

#31
Naphthalene
Concen: 37.661 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:128 Resp: 402952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 8.8 | 13.2 |
| 127 | 13.4 | 10.9 | 16.3 |

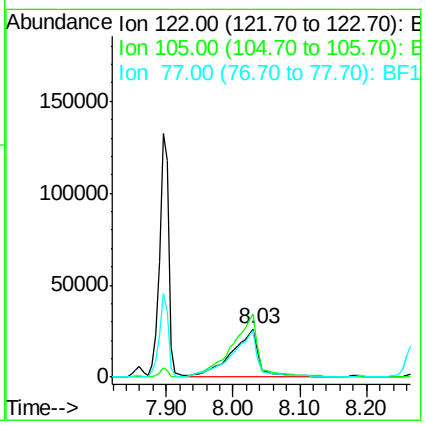


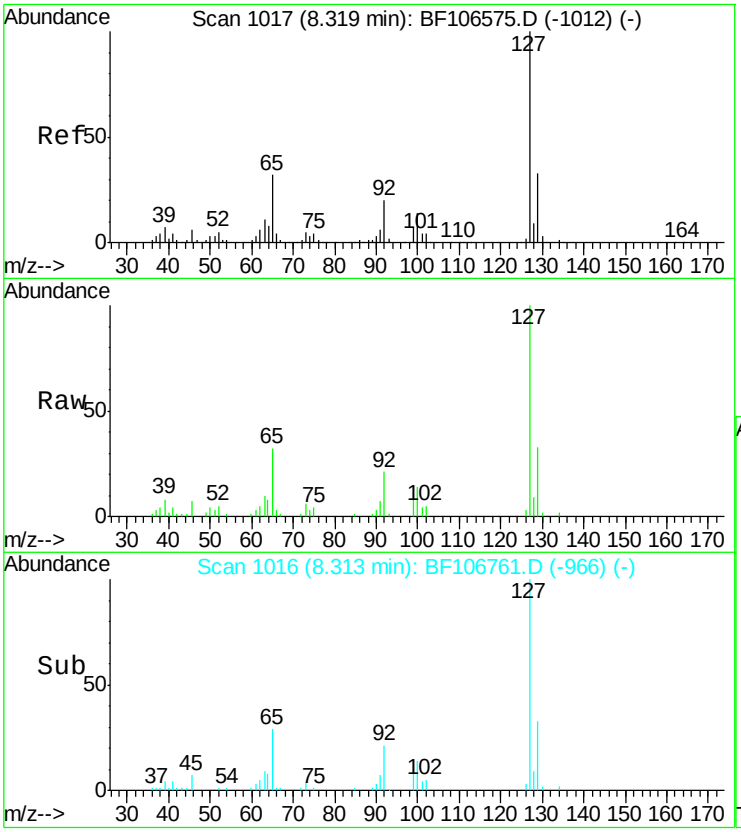




#32
Benzoic acid
Concen: 34.793 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:122 Resp: 73642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 129.7 | 101.1 | 141.1 |
| 77 | 96.3 | 70.7 | 110.7 |



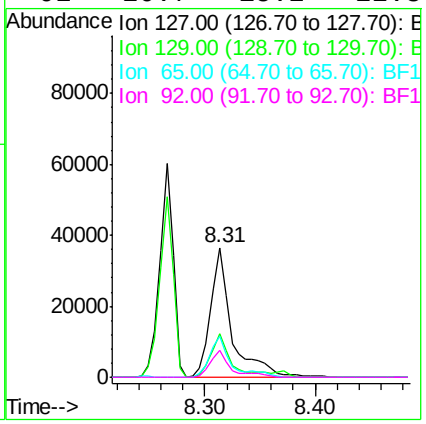


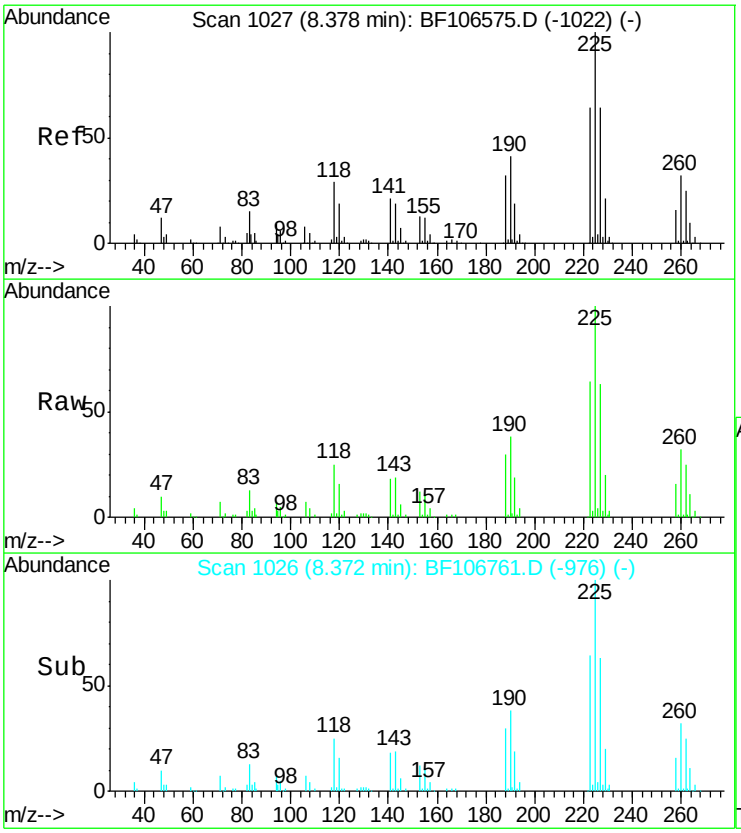

#33
4-Chloroaniline
Concen: 10.939 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:127 Resp: 49109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.5 | 25.9 | 38.9 |
| 65 | 31.8 | 25.0 | 37.4 |
| 92 | 20.7 | 15.2 | 22.8 |

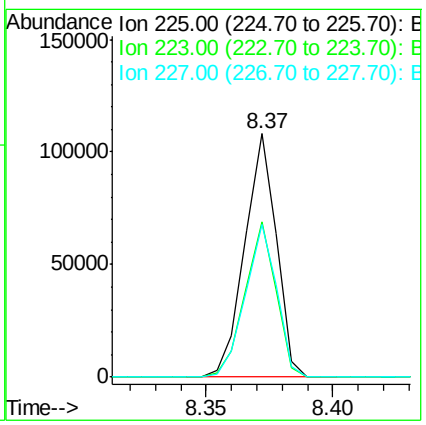


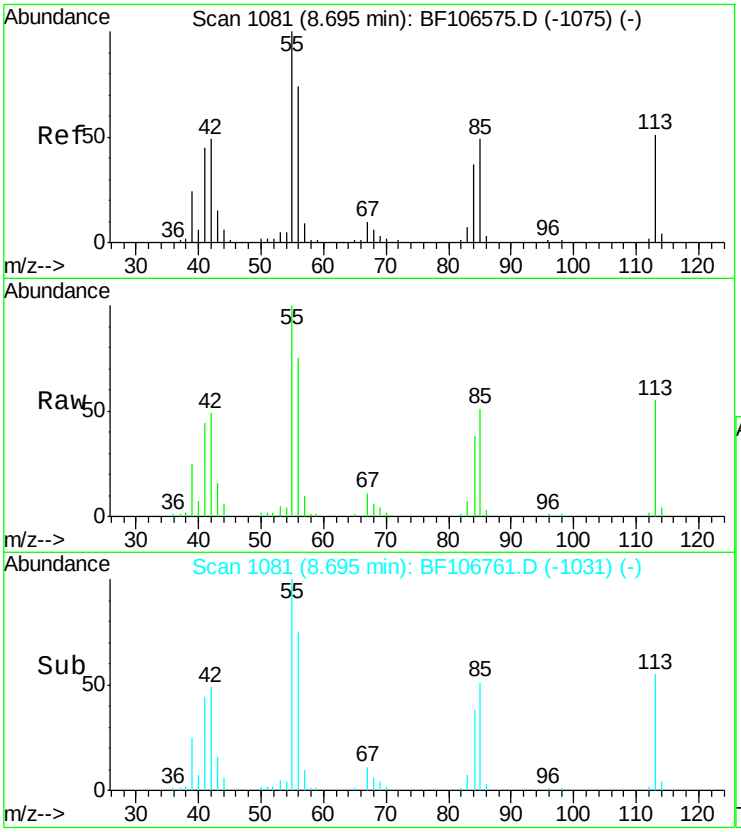




#34
Hexachlorobutadiene
Concen: 40.584 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:225 Resp: 93562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 50.6 | 76.0 |
| 227 | 62.7 | 51.9 | 77.9 |



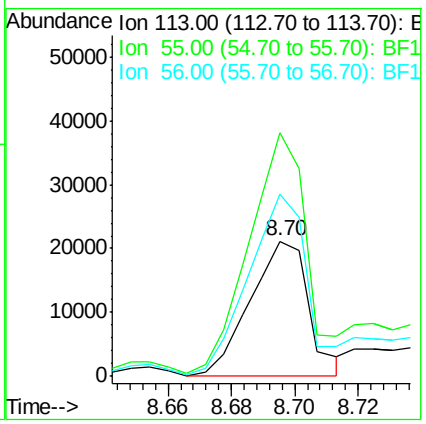


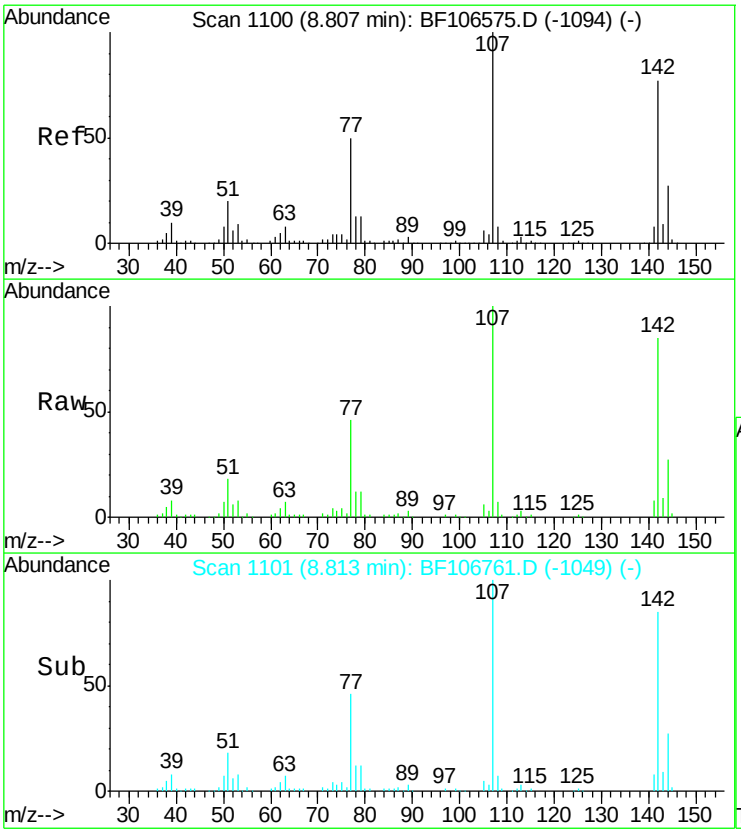

#35
Caprolactam
Concen: 26.035 ng
RT: 8.70 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:113 Resp: 27256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 180.3 | 163.3 | 203.3 |
| 56 | 135.3 | 115.7 | 155.7 |

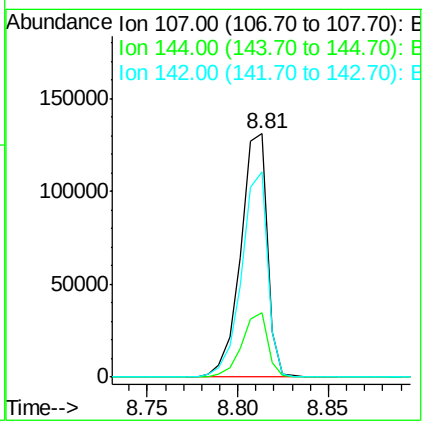


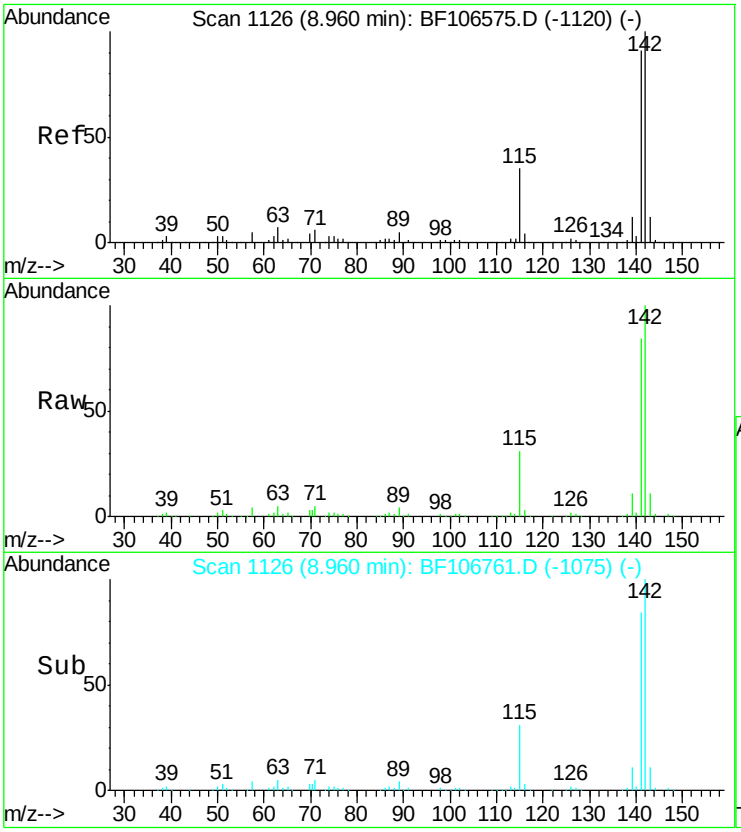




#36
4-Chloro-3-methylphenol
Concen: 39.671 ng
RT: 8.81 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:107 Resp: 134108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.5 | 20.5 | 30.7 |
| 142 | 84.5 | 62.0 | 93.0 |



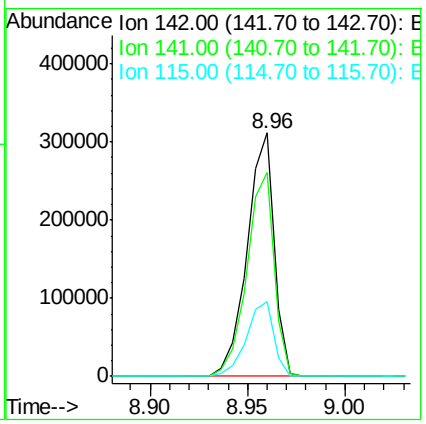


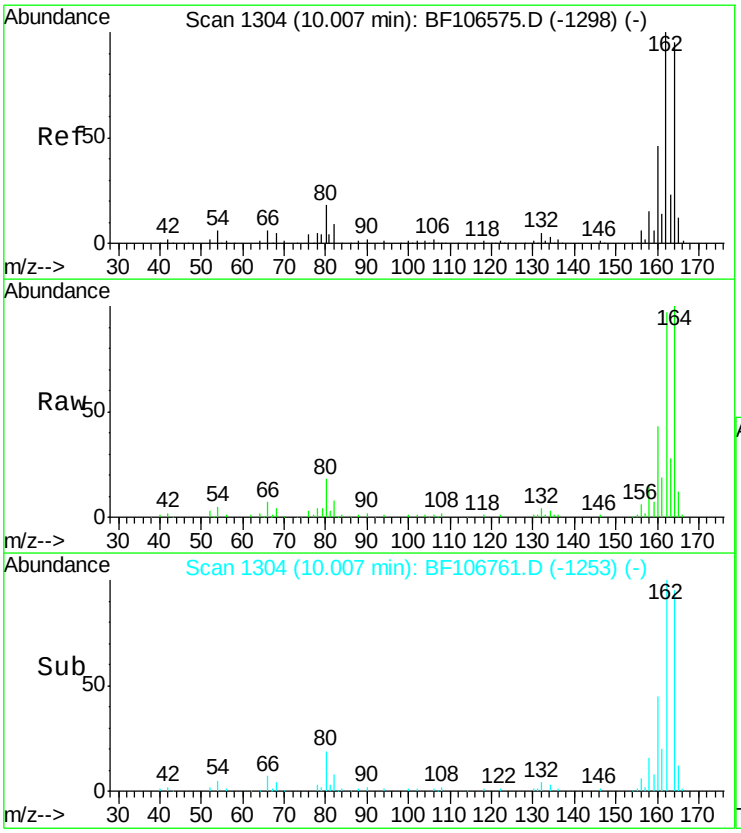

#37
2-Methylnaphthalene
Concen: 42.258 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:142 Resp: 299687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 84.0 | 70.8 | 106.2 |
| 115 | 30.7 | 26.1 | 39.1 |

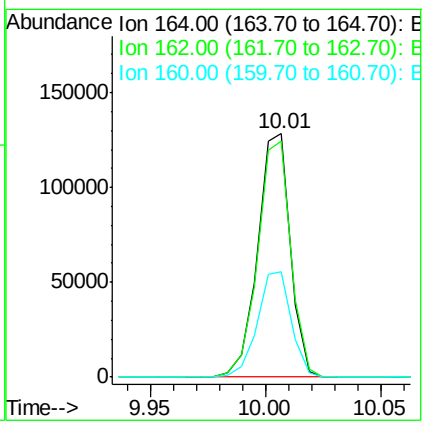


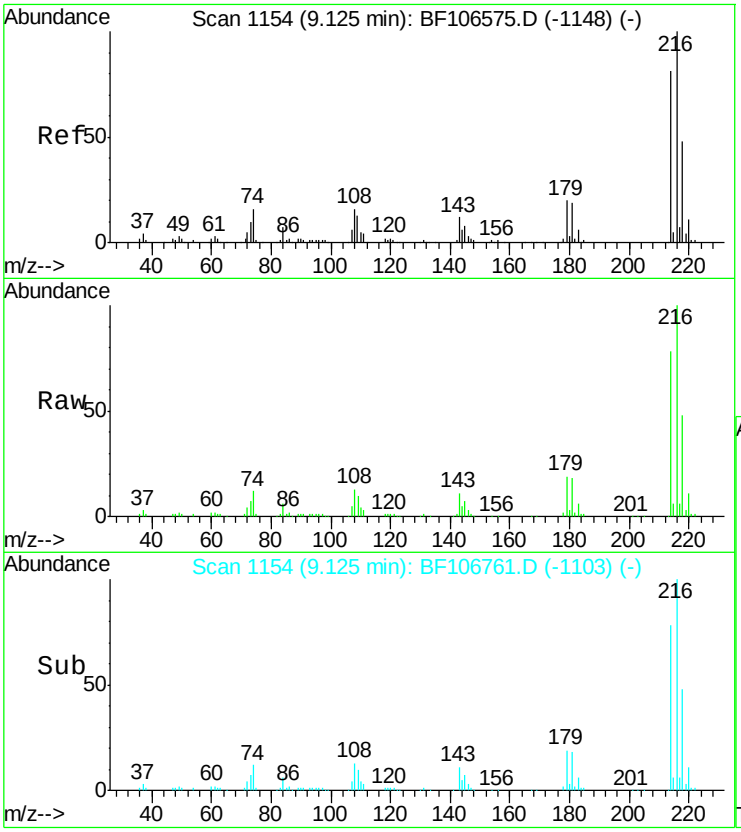




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:164 Resp: 126380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 96.8 | 86.1 | 129.1 |
| 160 | 43.1 | 38.3 | 57.5 |



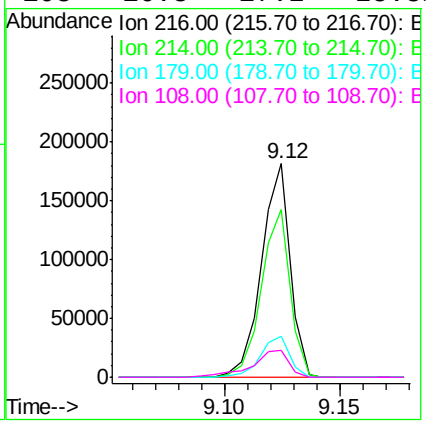


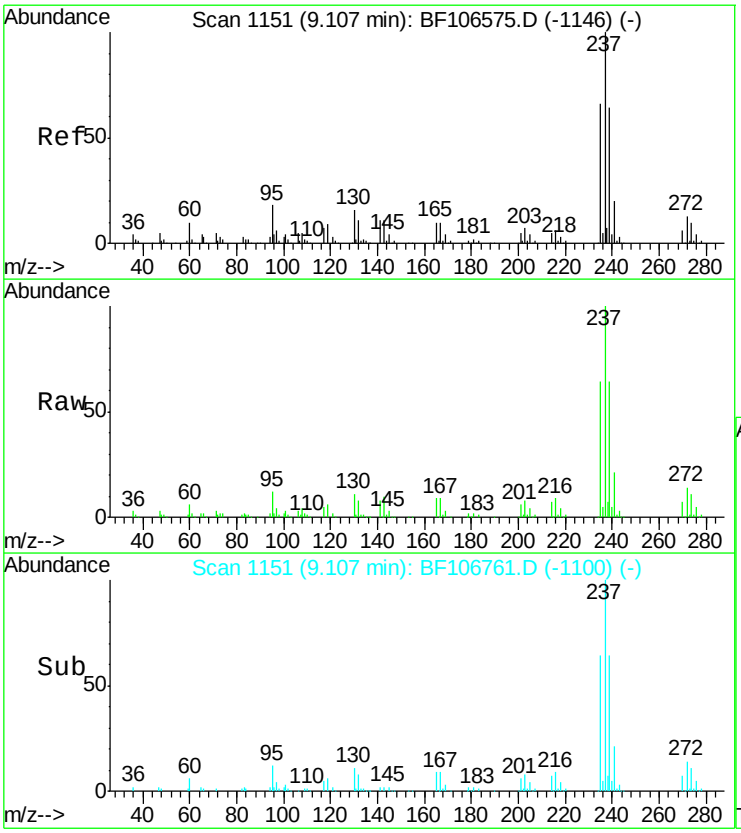

#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.888 ng
RT: 9.12 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:216 Resp: 156997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.5 | 63.0 | 94.4 |
| 179 | 19.5 | 18.1 | 27.1 |
| 108 | 16.3 | 17.2 | 25.8# |

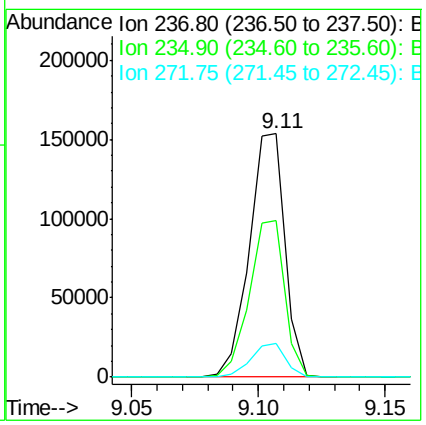


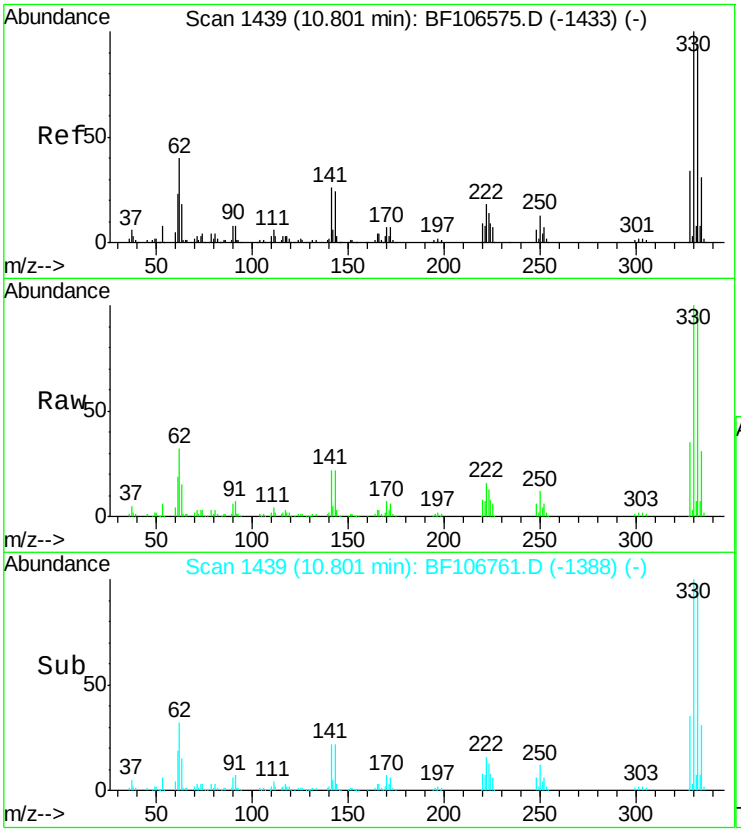




#40
Hexachlorocyclopentadiene
Concen: 68.790 ng
RT: 9.11 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:237 Resp: 150632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.1 | 44.8 | 84.8 |
| 272 | 13.7 | 0.0 | 33.3 |



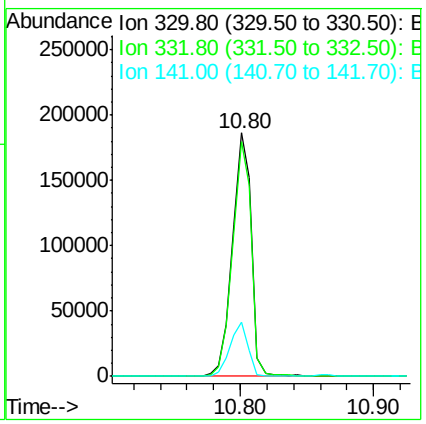


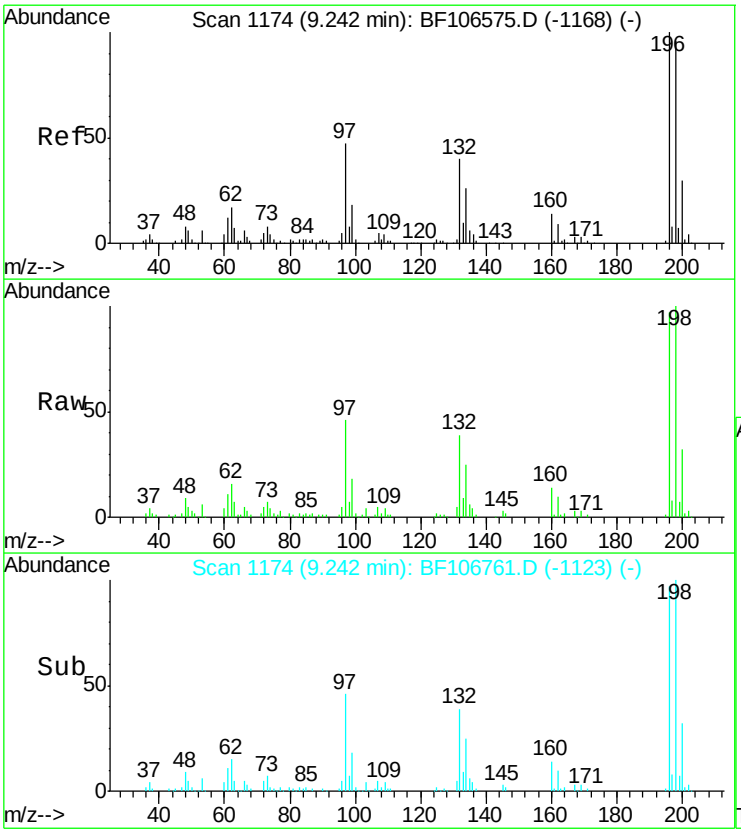

#41
2,4,6-Tribromophenol
Concen: 126.681 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:330 Resp: 185559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.0 | 115.6 |
| 141 | 21.7 | 29.9 | 44.9# |

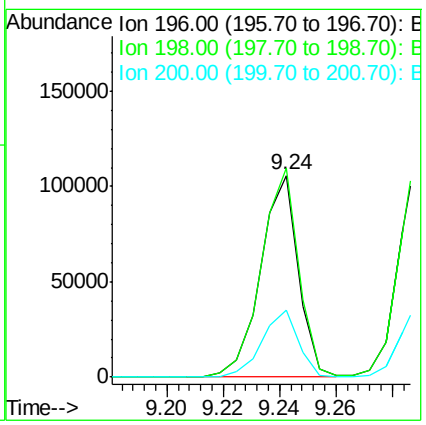


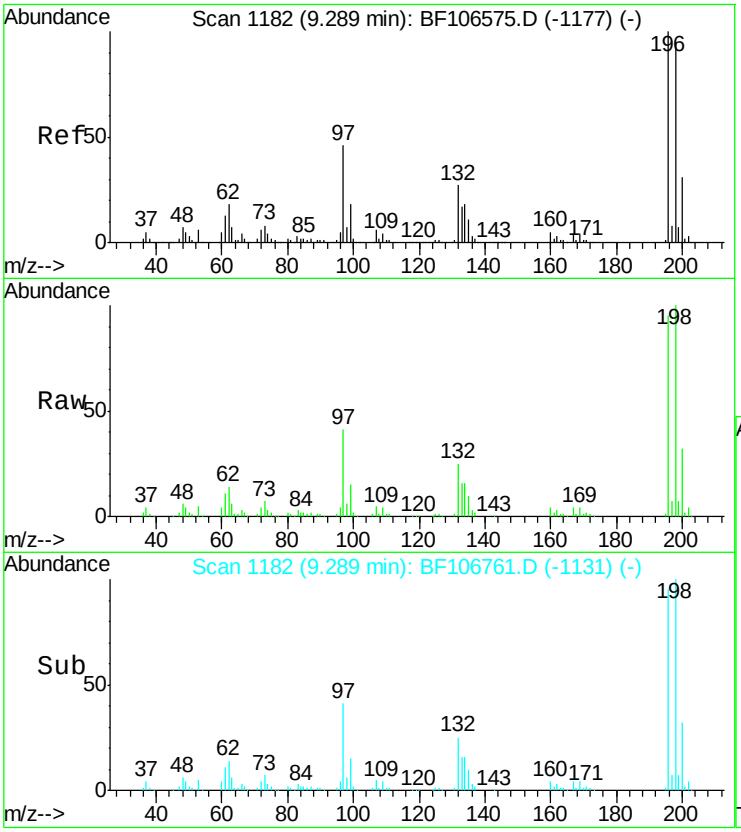




#42
2,4,6-Trichlorophenol
Concen: 34.625 ng
RT: 9.24 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:196 Resp: 97956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 103.5 | 75.7 | 113.5 |
| 200 | 33.0 | 24.5 | 36.7 |



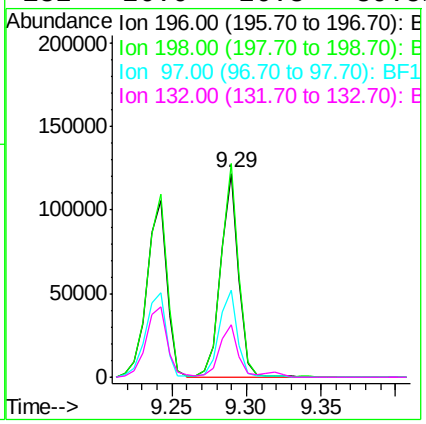


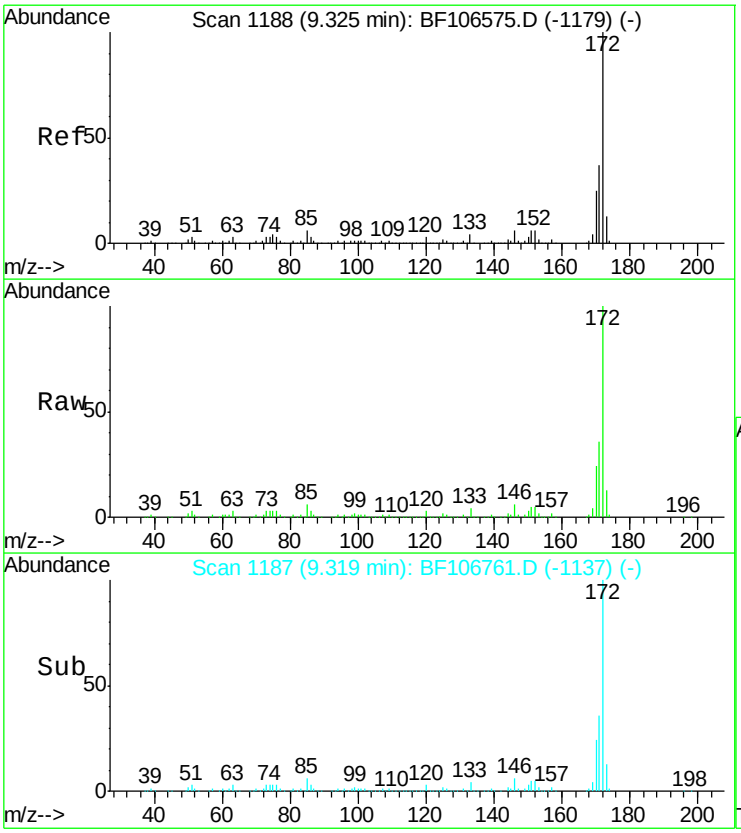

#43
2,4,5-Trichlorophenol
Concen: 35.210 ng
RT: 9.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:196 Resp: 103942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 104.9 | 74.6 | 112.0 |
| 97 | 42.8 | 42.9 | 64.3# |
| 132 | 26.0 | 26.3 | 39.5# |

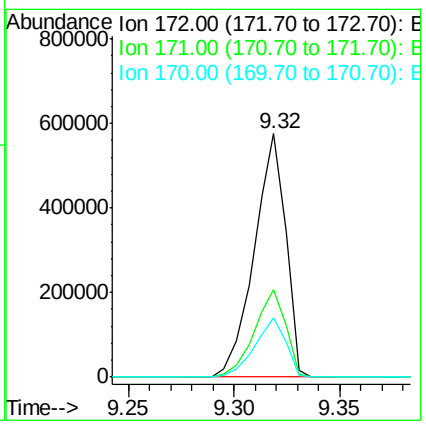


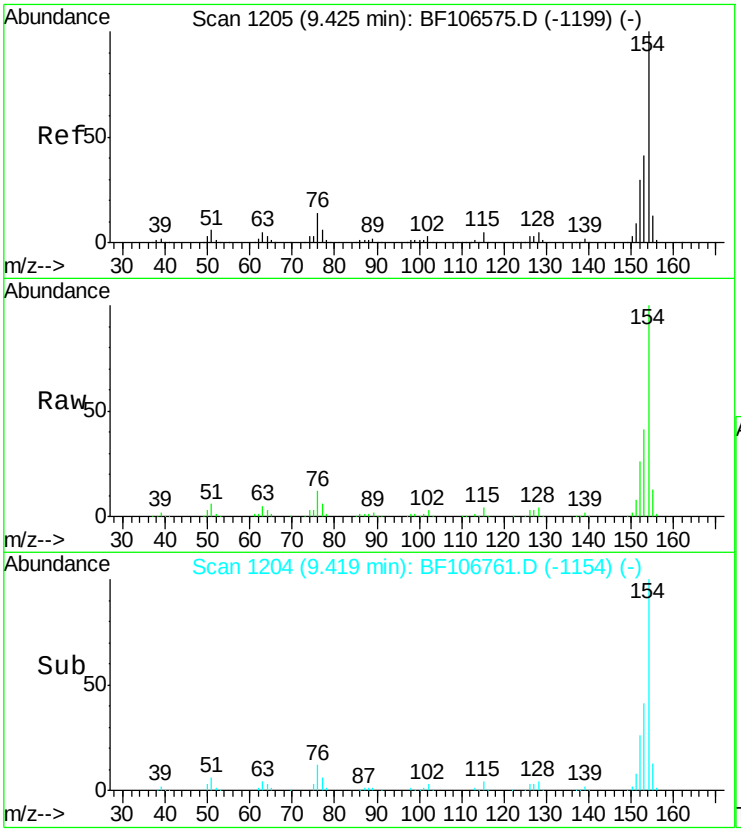




#44
2-Fluorobiphenyl
Concen: 78.824 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:172 Resp: 596540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.1 | 29.7 | 44.5 |
| 170 | 24.3 | 19.6 | 29.4 |



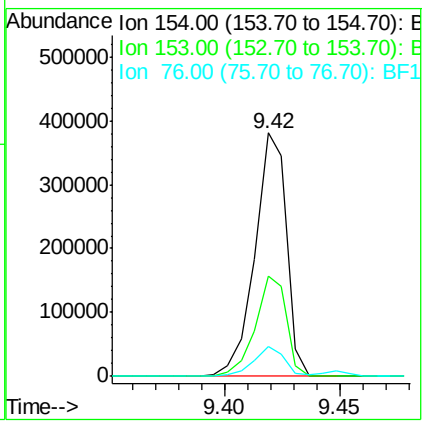


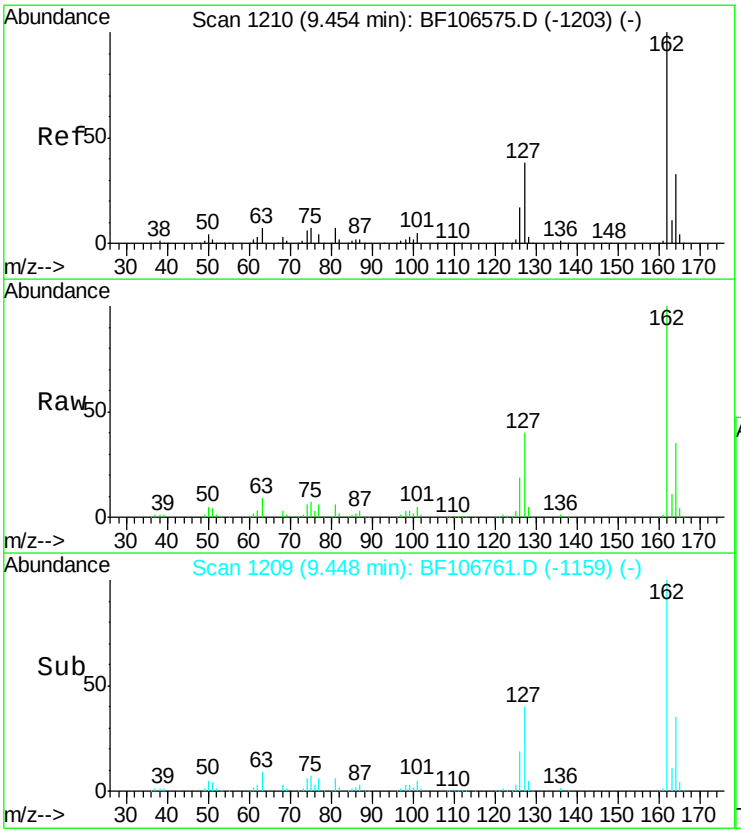

#45
1,1'-Biphenyl
Concen: 36.092 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:154 Resp: 363512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 21.3 | 61.3 |
| 76 | 12.2 | 0.0 | 34.0 |

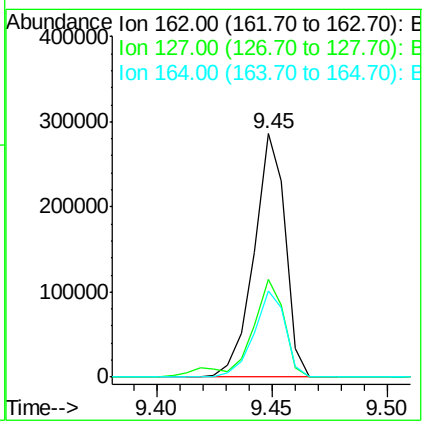


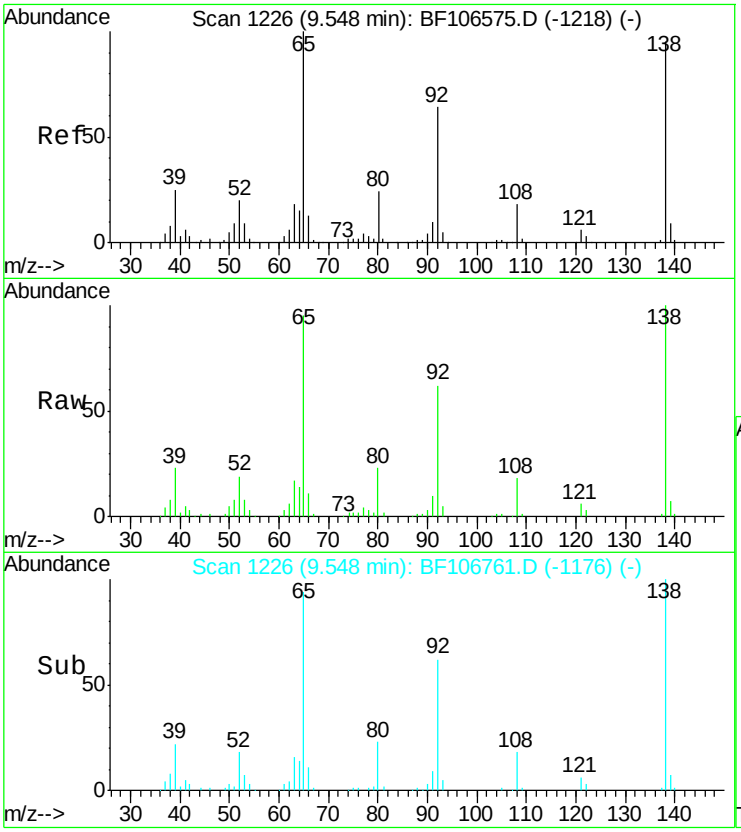




#46
2-Chloronaphthalene
Concen: 34.118 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:162 Resp: 270485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.0 | 33.9 | 50.9 |
| 164 | 35.4 | 26.5 | 39.7 |



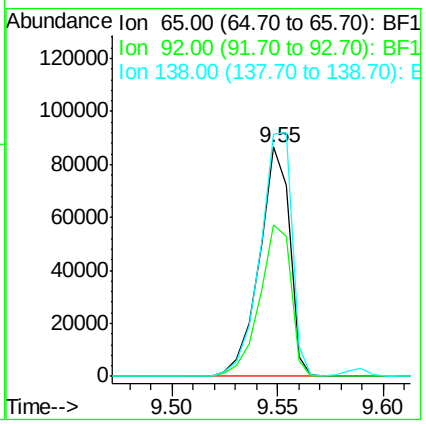


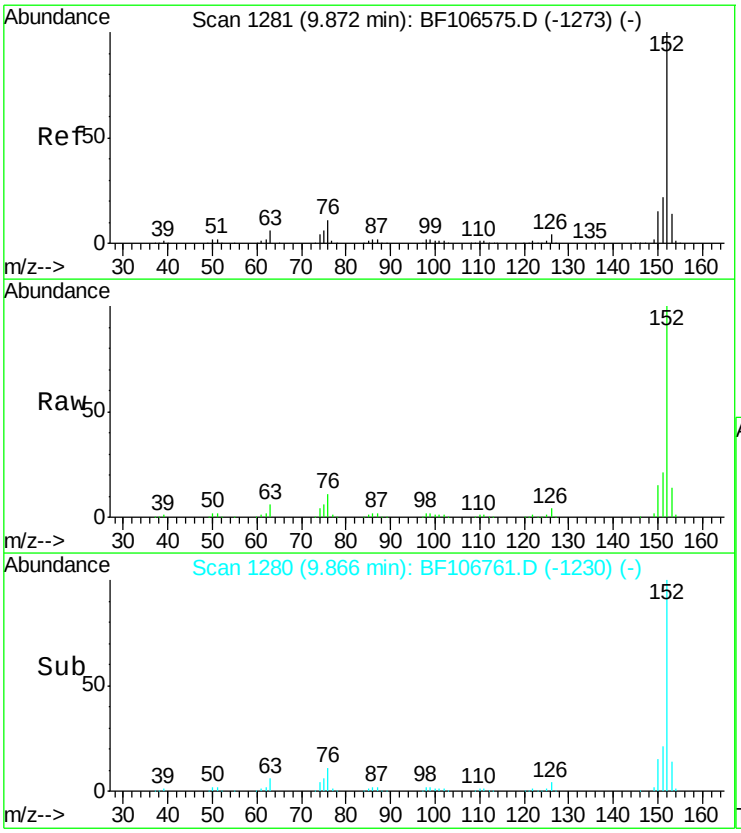

#47
2-Nitroaniline
Concen: 32.514 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion: 65 Resp: 86680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.0 | 55.8 | 83.6 |
| 138 | 105.7 | 91.2 | 136.8 |

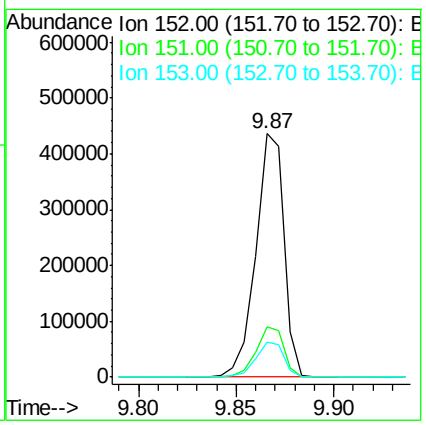


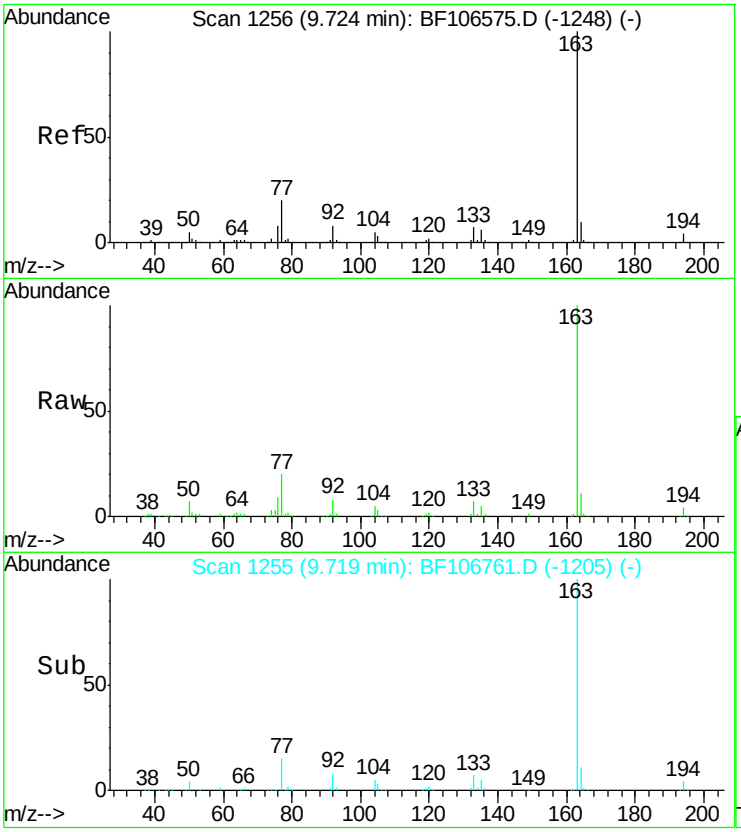




#48
Acenaphthylene
Concen: 34.823 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:152 Resp: 435873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.7 | 16.3 | 24.5 |
| 153 | 14.4 | 10.7 | 16.1 |



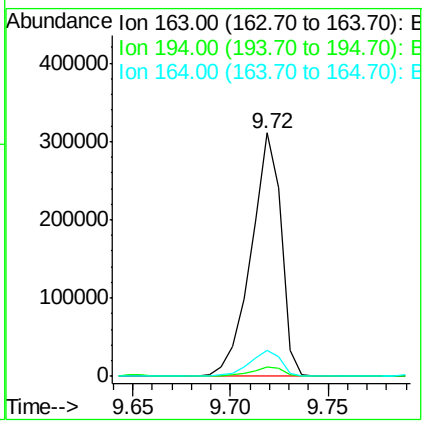


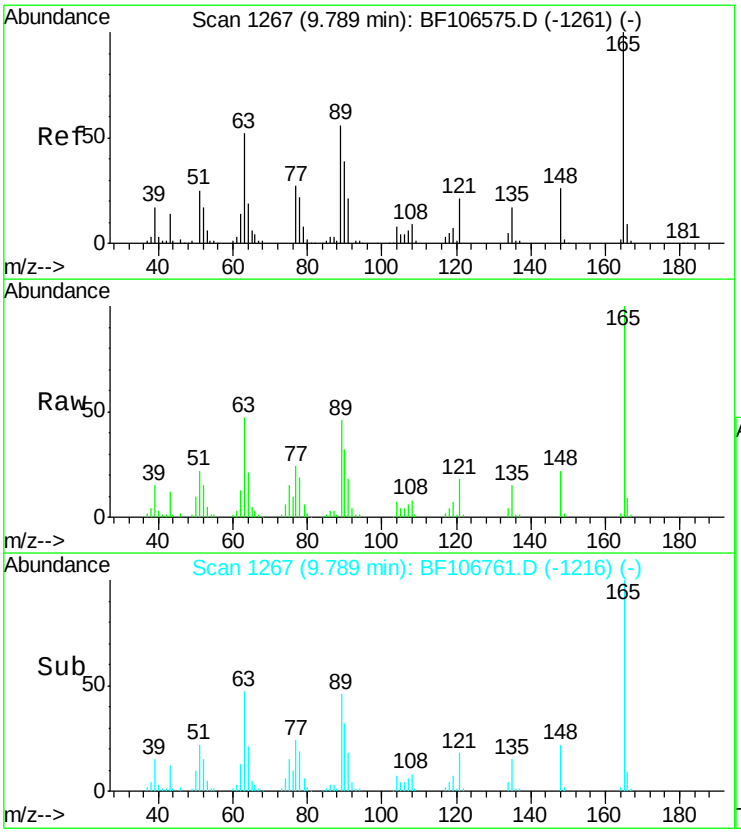

#49
Dimethylphthalate
Concen: 34.975 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:163 Resp: 331519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 2.7 | 4.1 |
| 164 | 10.8 | 8.2 | 12.2 |

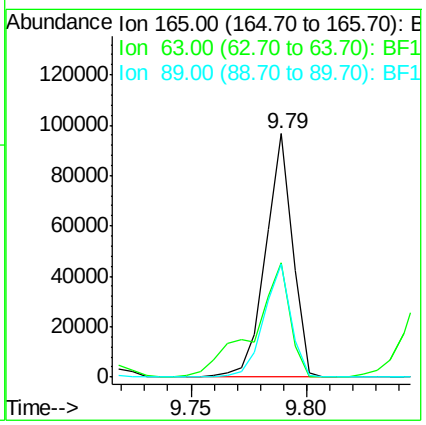


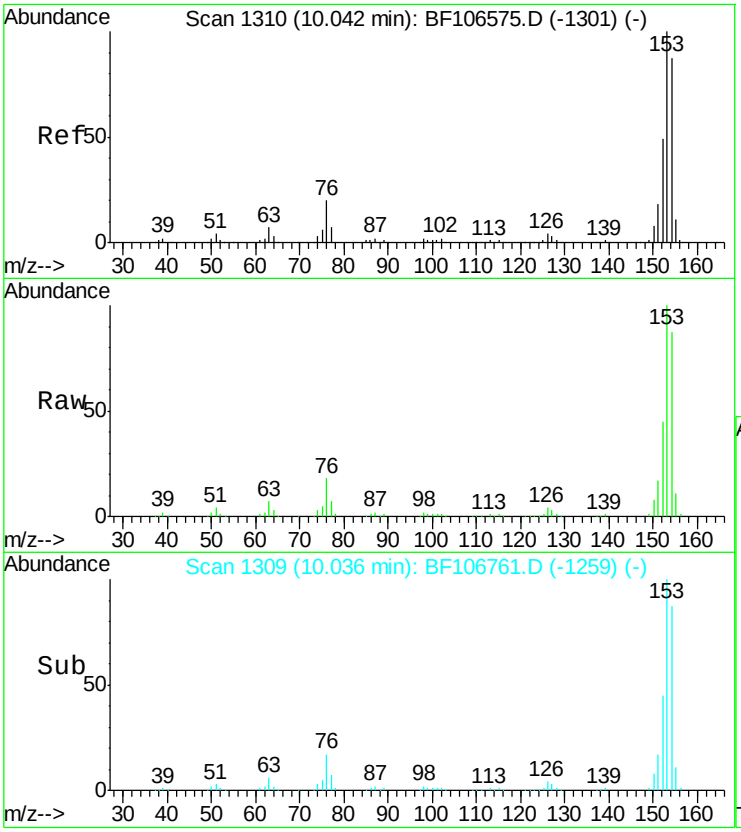




#50
2,6-Dinitrotoluene
Concen: 39.049 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:165 Resp: 78377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.7 | 44.7 | 67.1 |
| 89 | 46.4 | 44.0 | 66.0 |



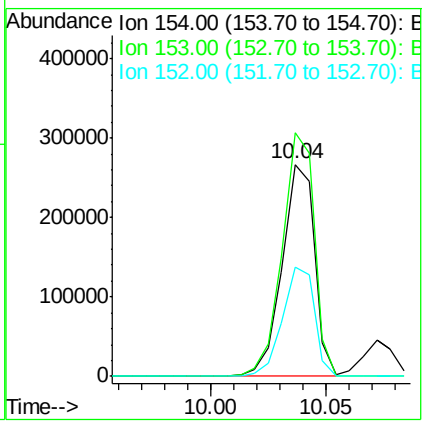


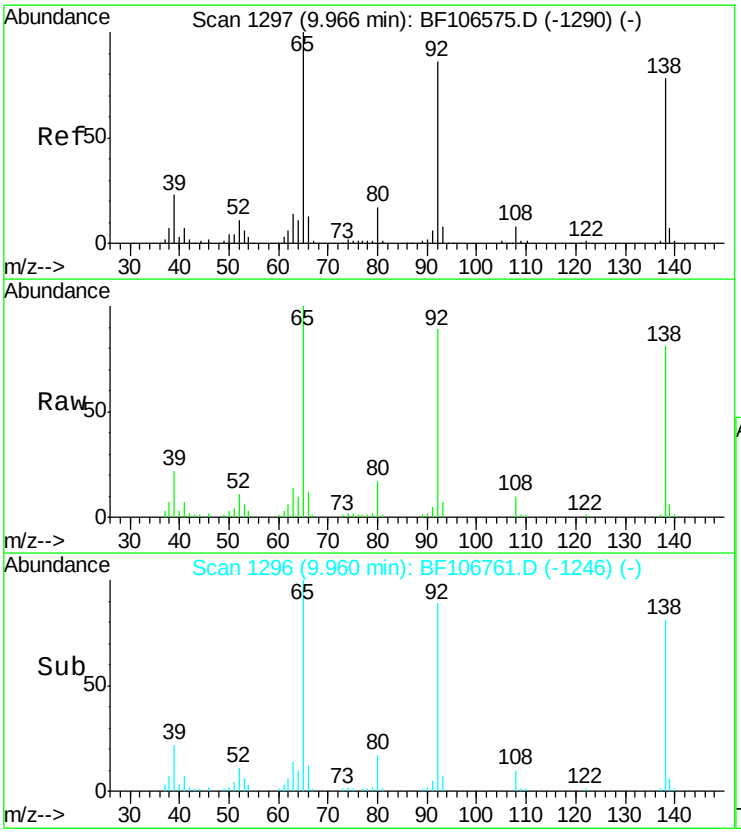

#51
Acenaphthene
Concen: 32.994 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:154 Resp: 260059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.8 | 91.2 | 136.8 |
| 152 | 51.6 | 43.8 | 65.8 |

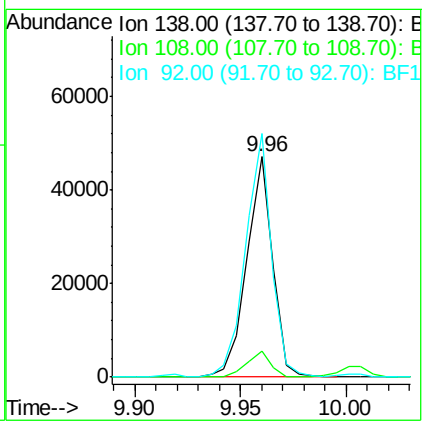


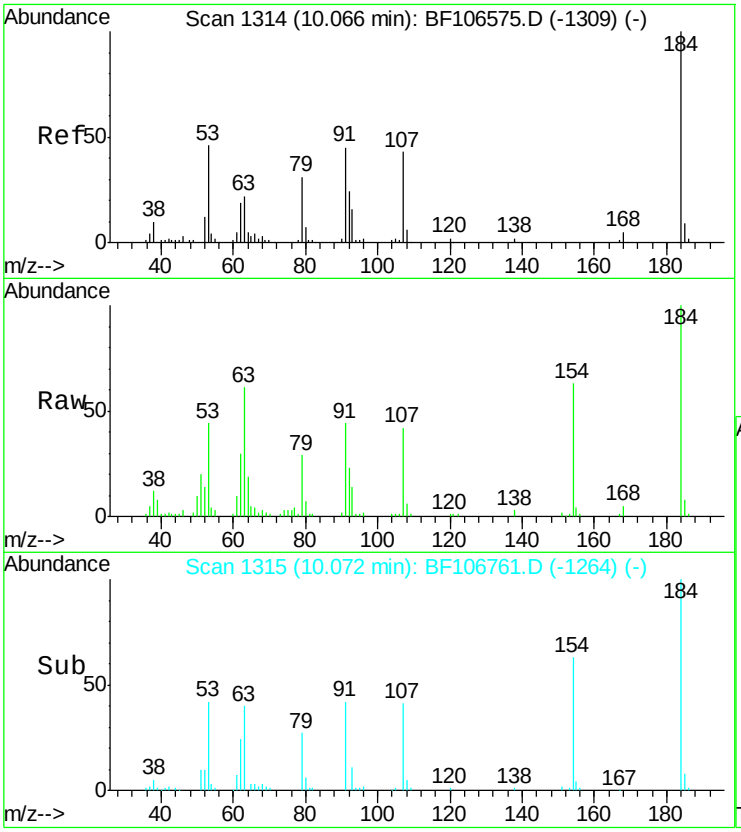




#52
3-Nitroaniline
Concen: 17.496 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:138 Resp: 40411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.9 | 9.4 | 14.0 |
| 92 | 110.4 | 89.4 | 134.2 |



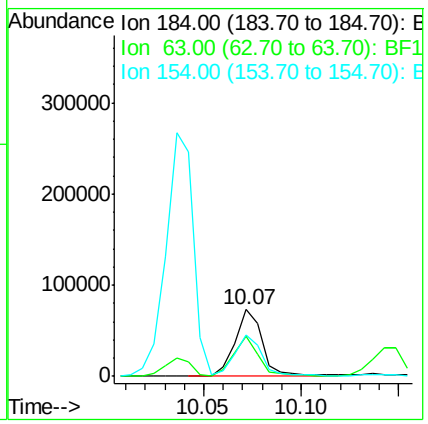


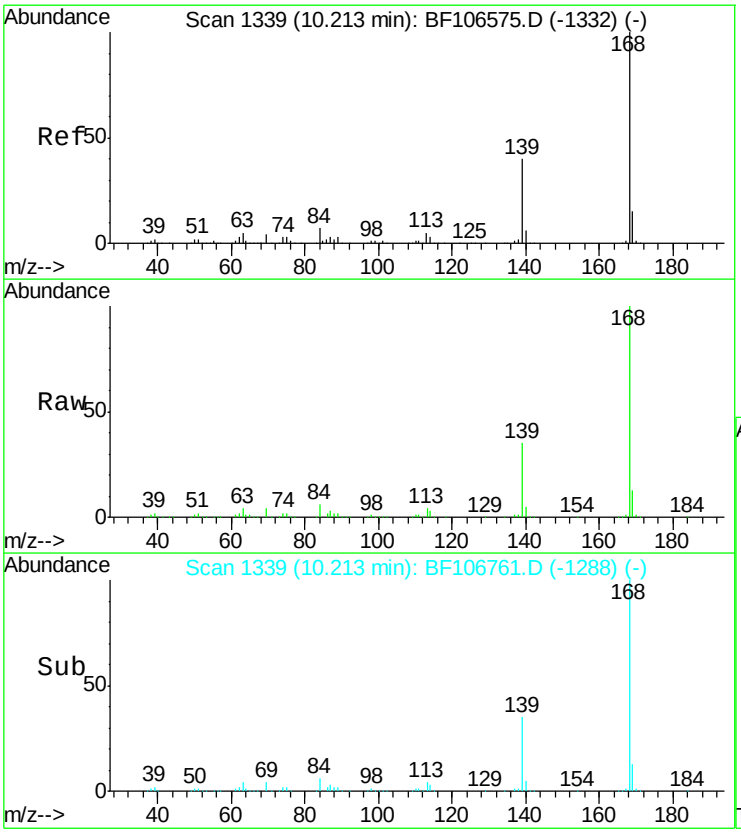

#53
2,4-Dinitrophenol
Concen: 70.457 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:184 Resp: 72812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 60.9 | 54.2 | 81.2 |
| 154 | 63.0 | 184.0 | 276.0# |

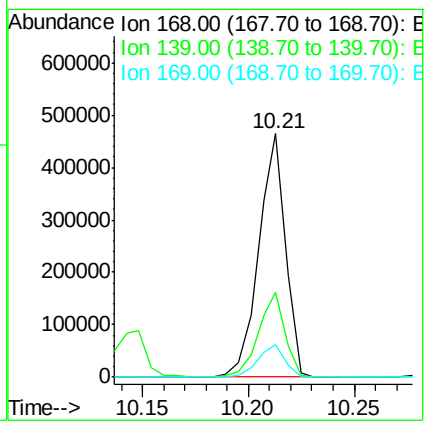


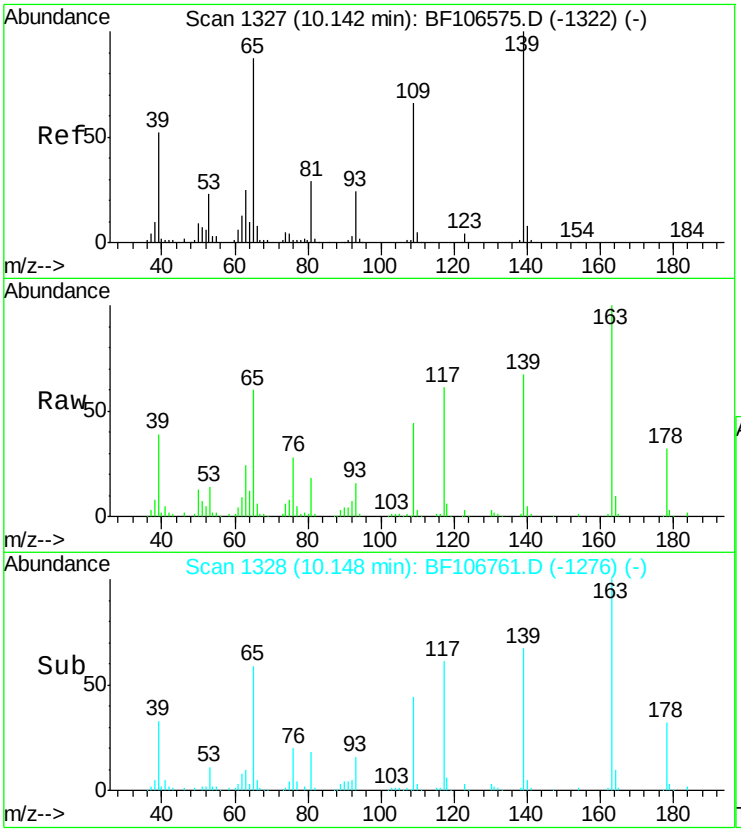




#54
Dibenzofuran
Concen: 37.828 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:168 Resp: 408275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.9 | 30.1 | 45.1 |
| 169 | 13.4 | 10.9 | 16.3 |



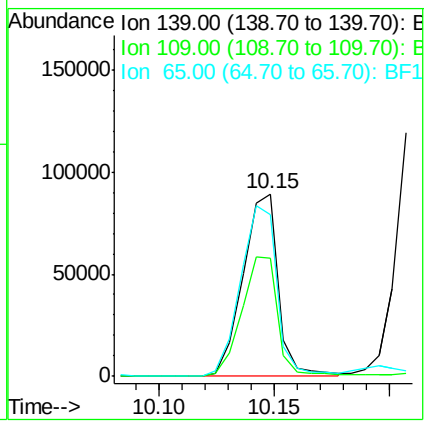


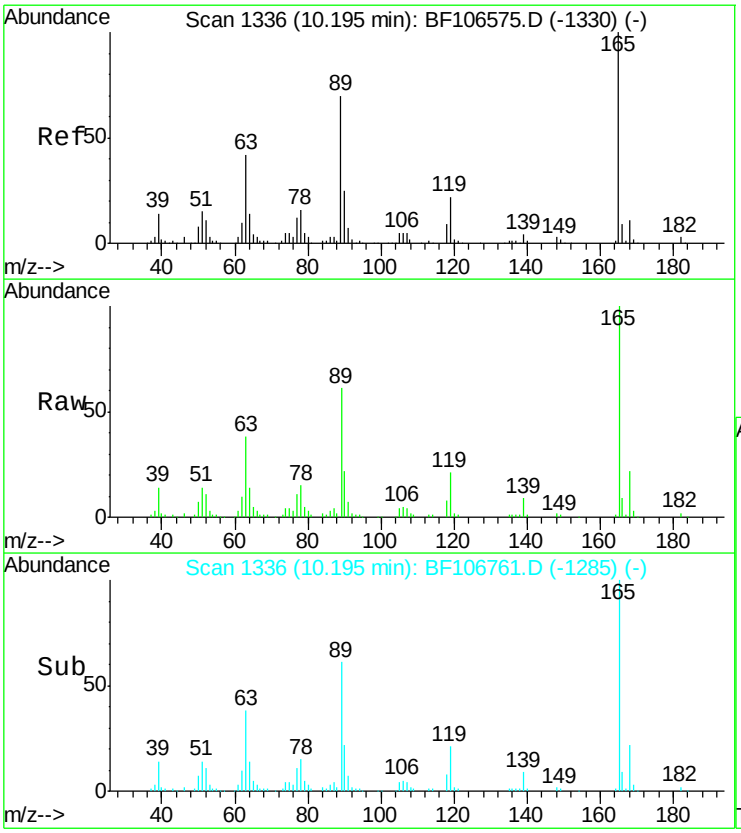

#55
4-Nitrophenol
Concen: 58.973 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:139 Resp: 95075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 64.7 | 48.4 | 88.4 |
| 65 | 88.9 | 72.6 | 112.6 |

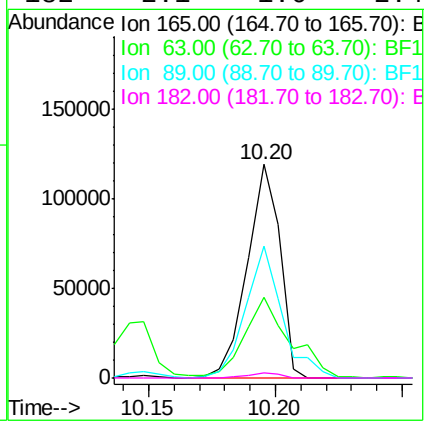


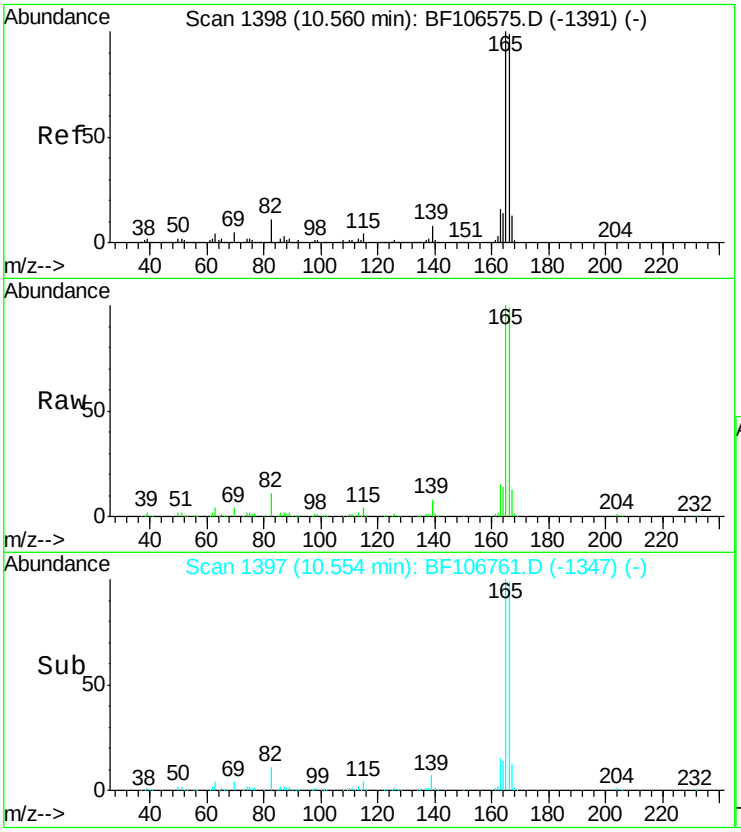




#56
2,4-Dinitrotoluene
Concen: 41.158 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:165 Resp: 107830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.0 | 36.4 | 54.6 |
| 89 | 61.5 | 57.8 | 86.6 |
| 182 | 2.1 | 1.6 | 2.4 |



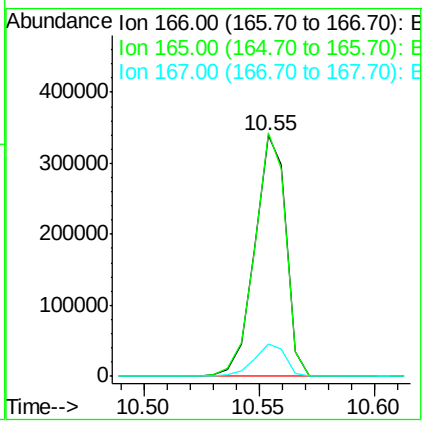


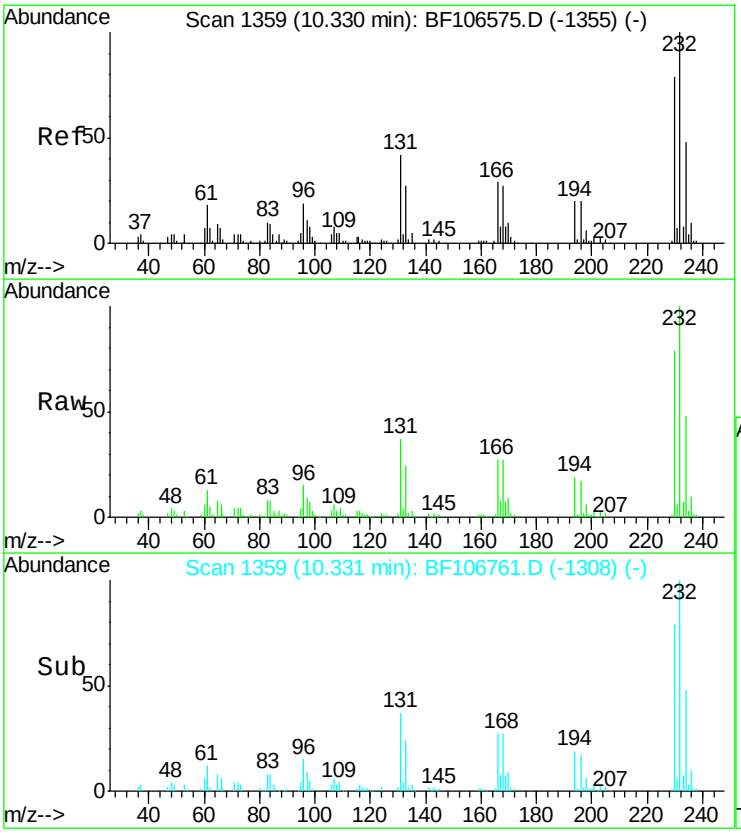

#57
Fluorene
Concen: 37.425 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:166 Resp: 320525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.2 | 79.8 | 119.8 |
| 167 | 13.6 | 10.6 | 16.0 |

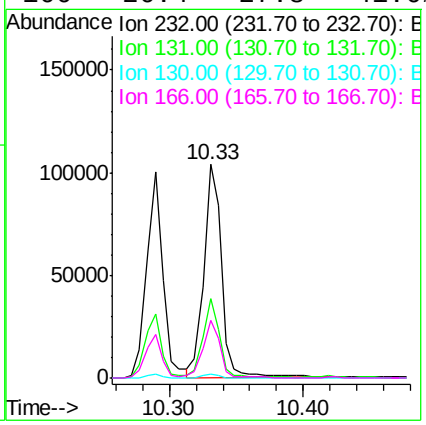


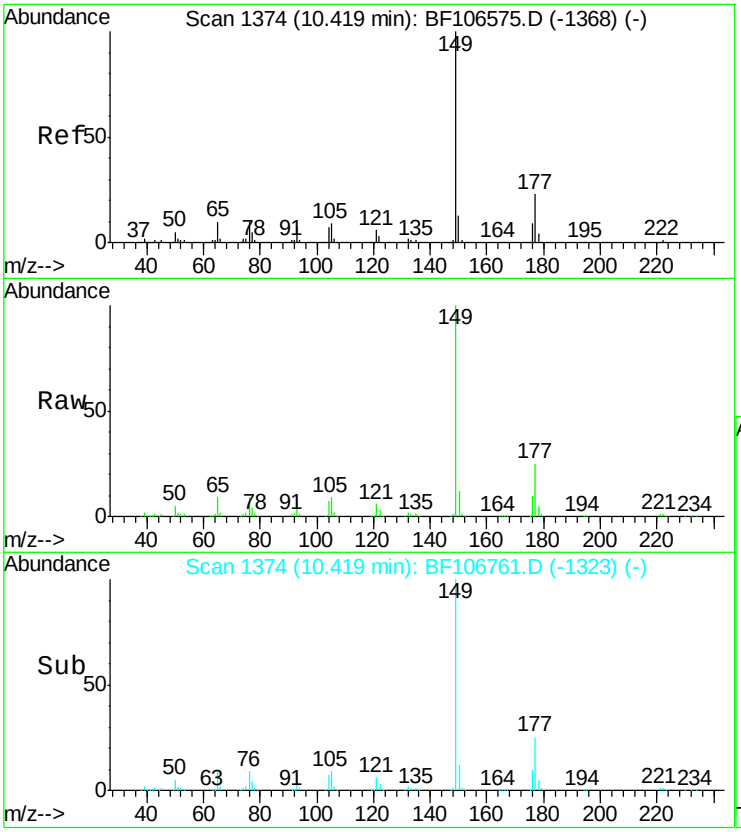




#58
2,3,4,6-Tetrachlorophenol
Concen: 40.912 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:232 Resp: 96006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 36.1 | 43.8 | 65.8# |
| 130 | 1.4 | 2.1 | 3.1# |
| 166 | 26.4 | 27.8 | 41.6# |



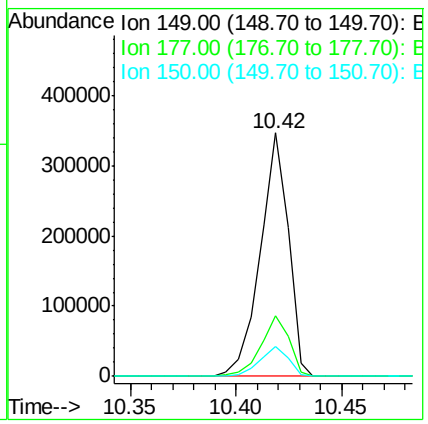


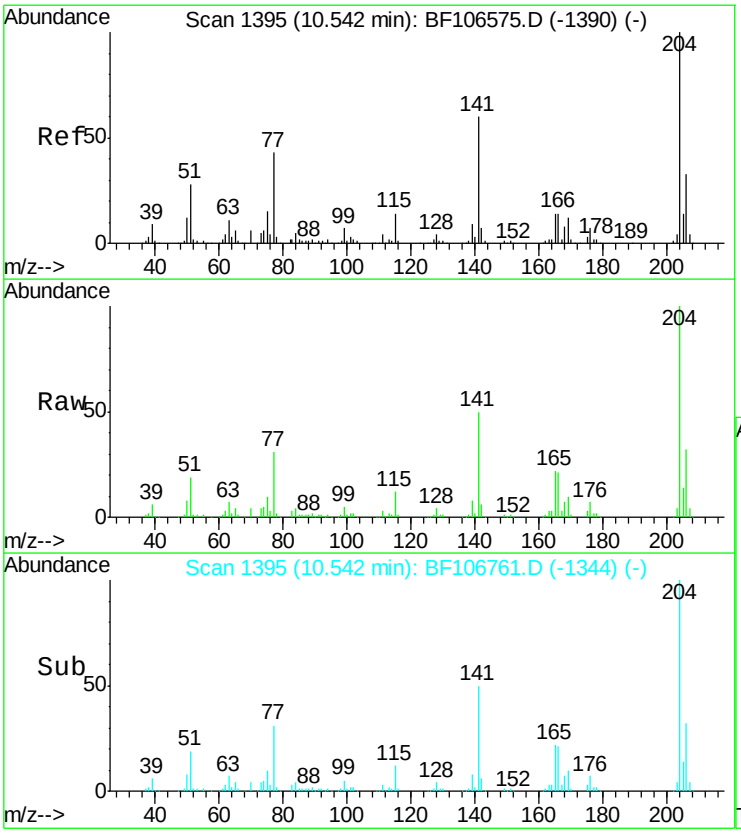

#59
Diethylphthalate
Concen: 35.136 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:149 Resp: 321440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 25.0 | 16.1 | 24.1# |
| 150 | 12.3 | 10.1 | 15.1 |

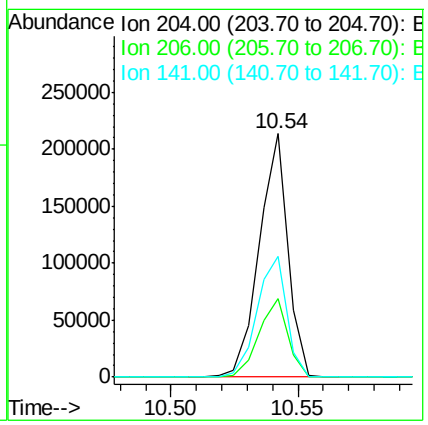


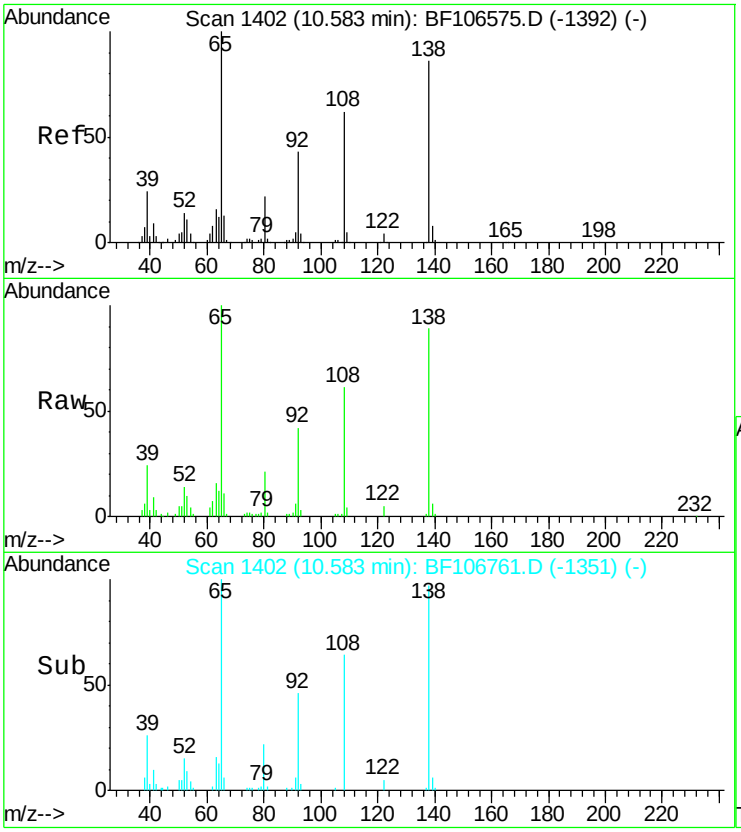




#60
4-Chlorophenyl-phenylether
Concen: 37.412 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:204 Resp: 167648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 26.5 | 39.7 |
| 141 | 49.6 | 54.6 | 81.8# |



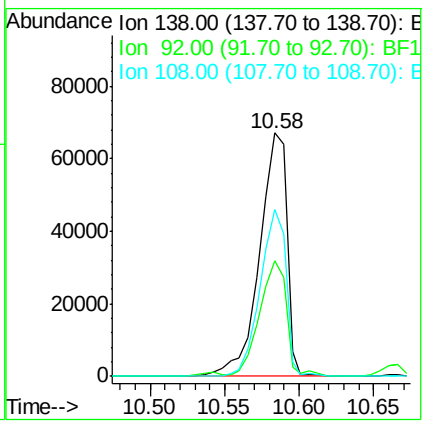


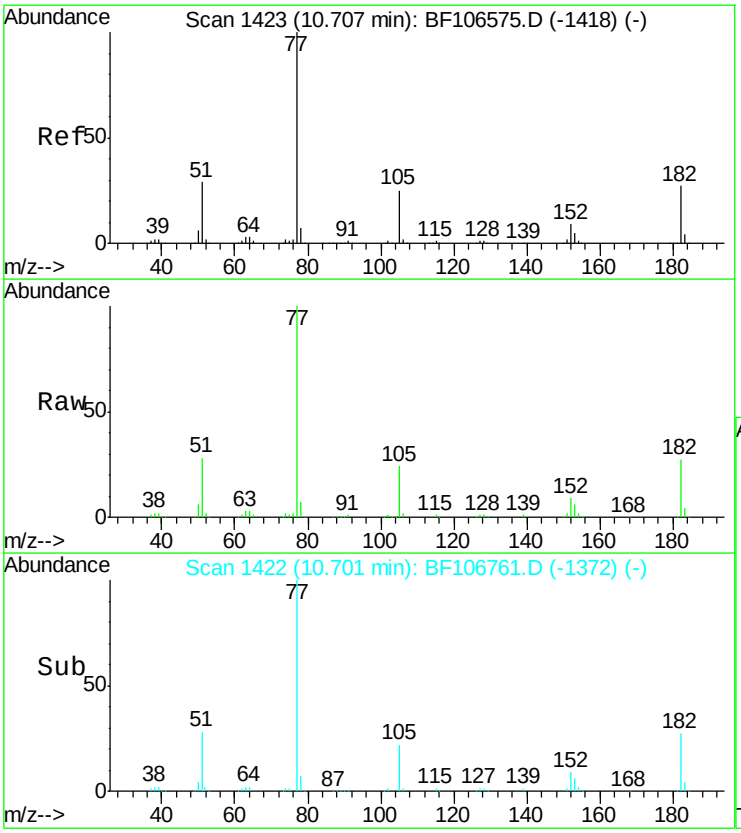

#61
4-Nitroaniline
Concen: 37.003 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:138 Resp: 84820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.2 | 30.2 | 70.2 |
| 108 | 68.6 | 52.5 | 92.5 |

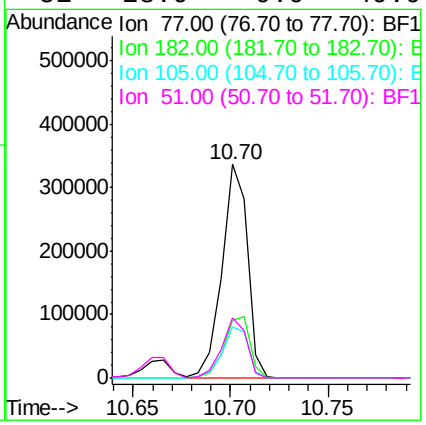


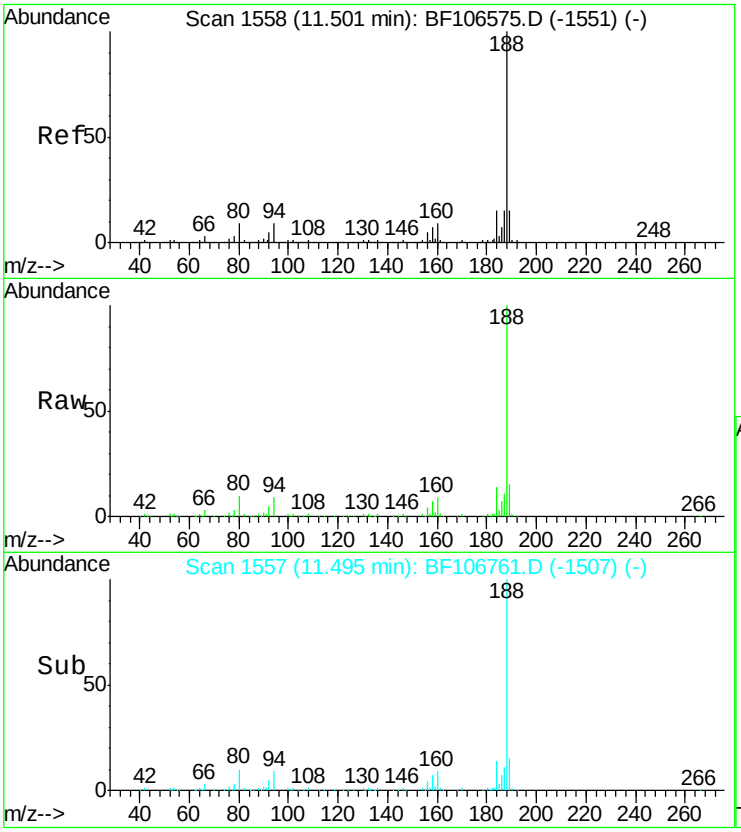




#62
Azobenzene
Concen: 33.827 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion: 77 Resp: 304745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.1 | 1.7 | 41.7 |
| 105 | 24.2 | 3.0 | 43.0 |
| 51 | 28.0 | 9.9 | 49.9 |



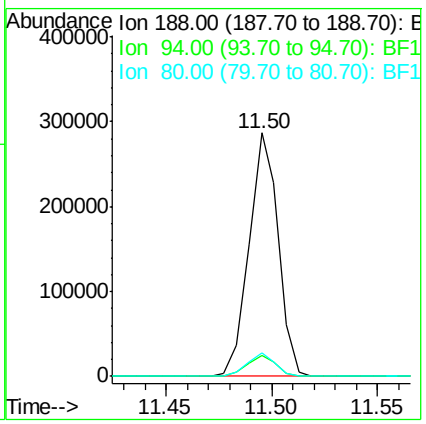


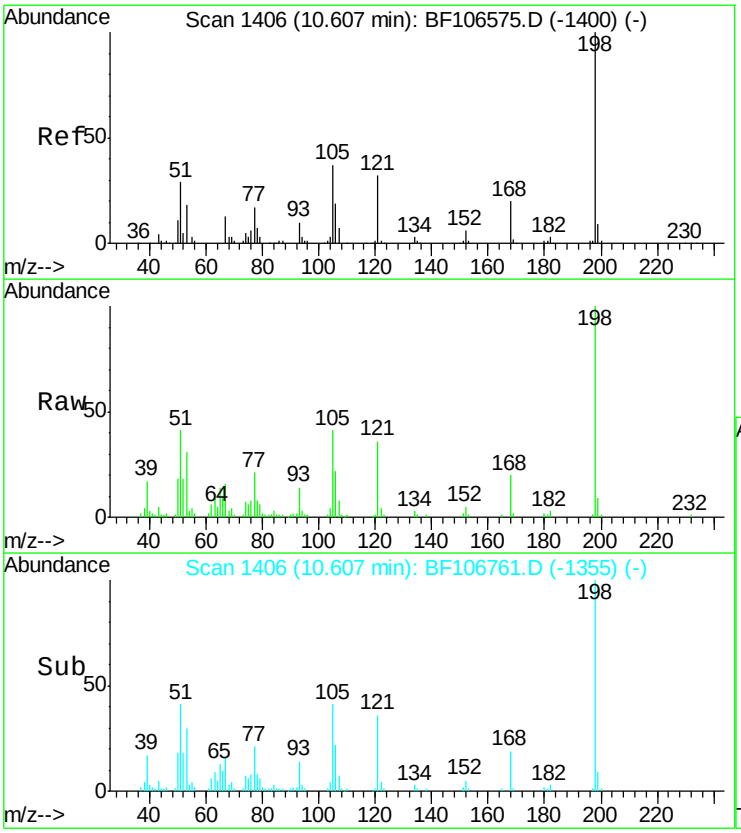

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:188 Resp: 275048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 8.5 | 12.7 |
| 80 | 9.7 | 9.2 | 13.8 |

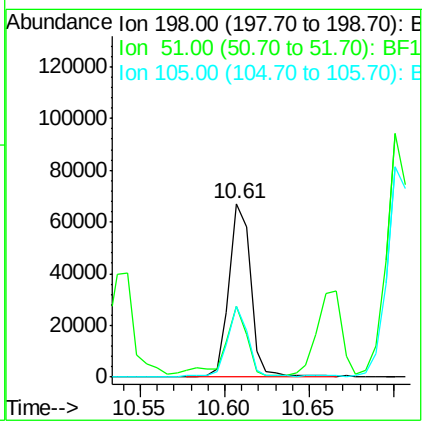


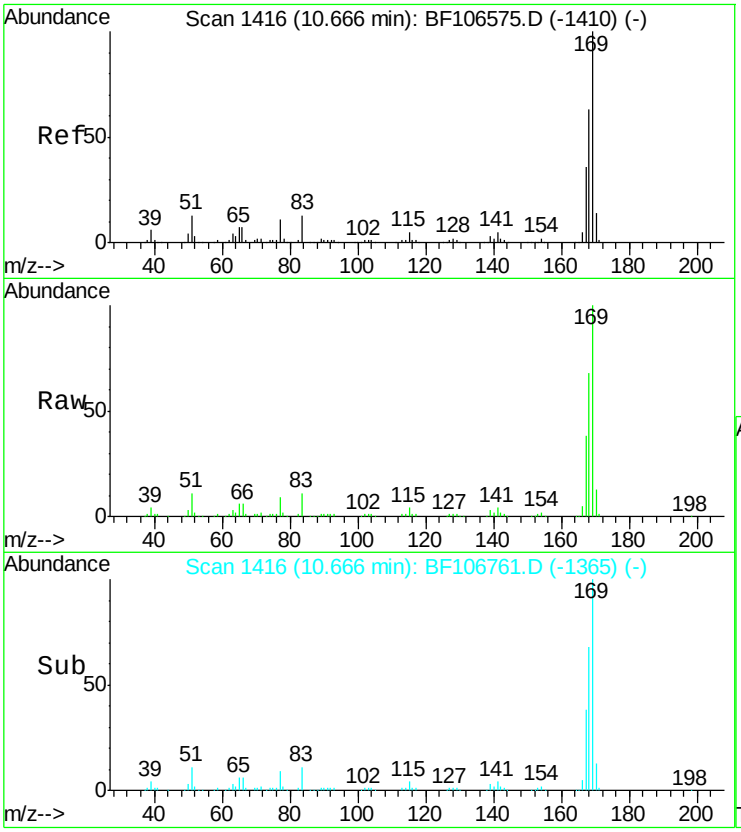




#64
4,6-Dinitro-2-methylphenol
Concen: 35.458 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:198 Resp: 60285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 41.1 | 37.7 | 77.7 |
| 105 | 41.1 | 36.3 | 76.3 |



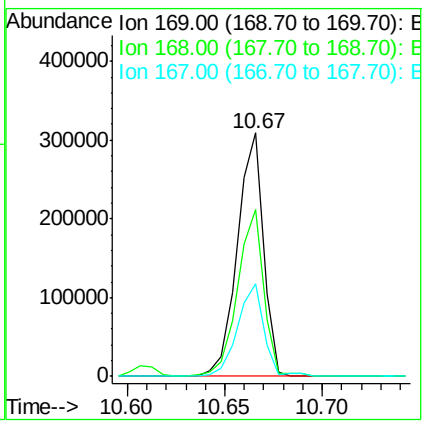


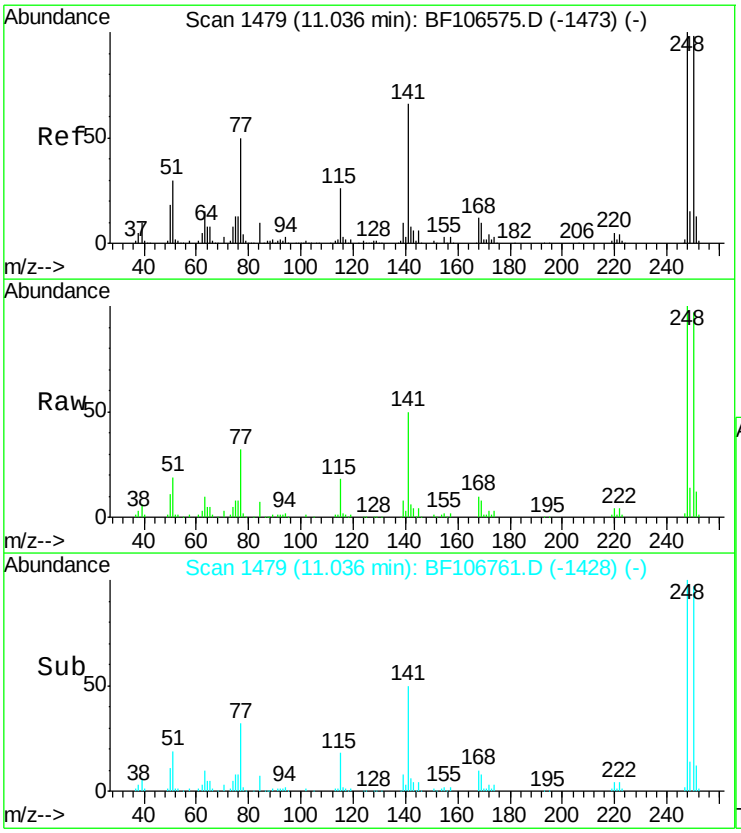

#65
n-Nitrosodiphenylamine
Concen: 30.986 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:169 Resp: 286658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.5 | 54.4 | 81.6 |
| 167 | 37.9 | 29.8 | 44.6 |

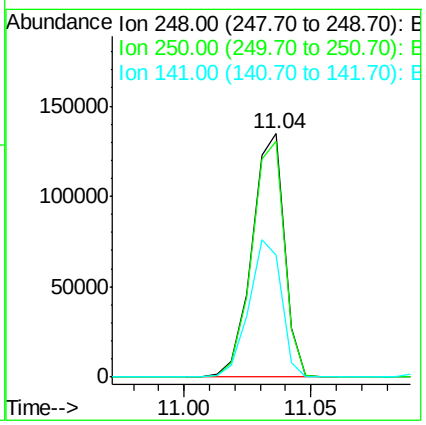


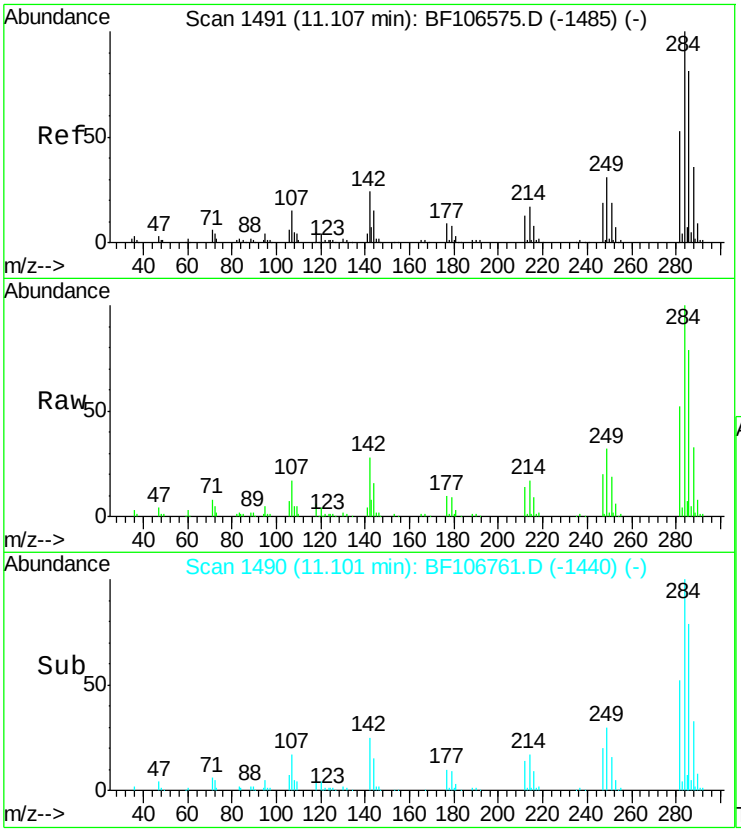




#66
4-Bromophenyl-phenylether
Concen: 36.720 ng
RT: 11.04 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:248 Resp: 120536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.8 | 76.9 | 115.3 |
| 141 | 49.9 | 74.4 | 111.6# |



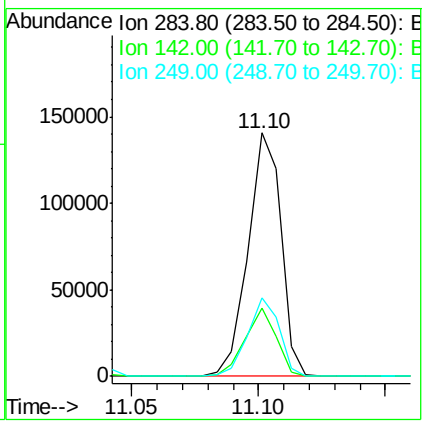


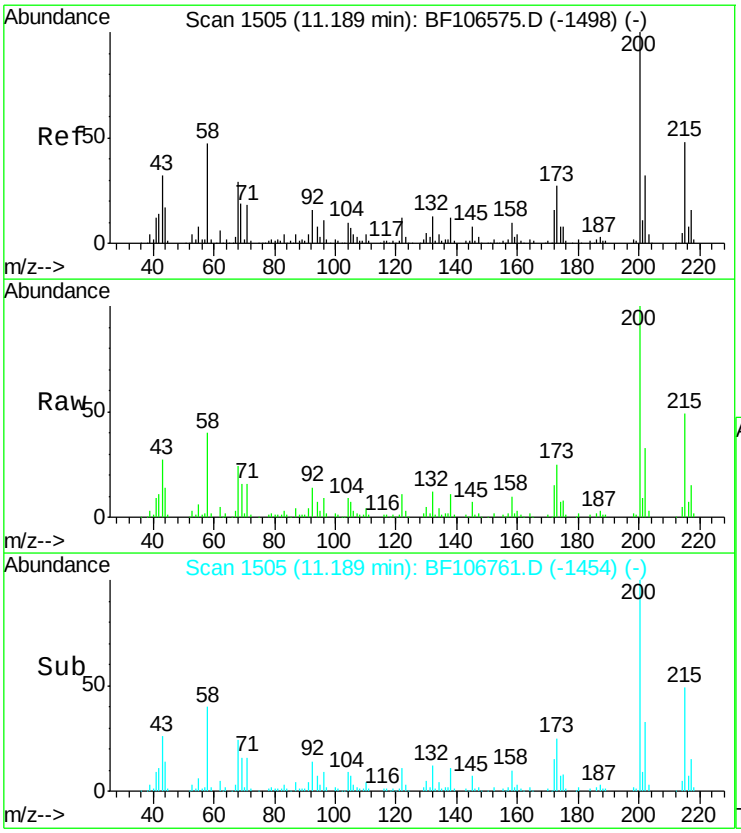

#67
Hexachlorobenzene
Concen: 37.175 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:284 Resp: 127719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 27.8 | 34.6 | 52.0# |
| 249 | 32.2 | 24.8 | 37.2 |

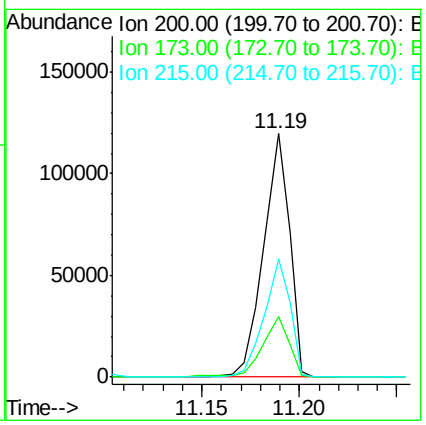


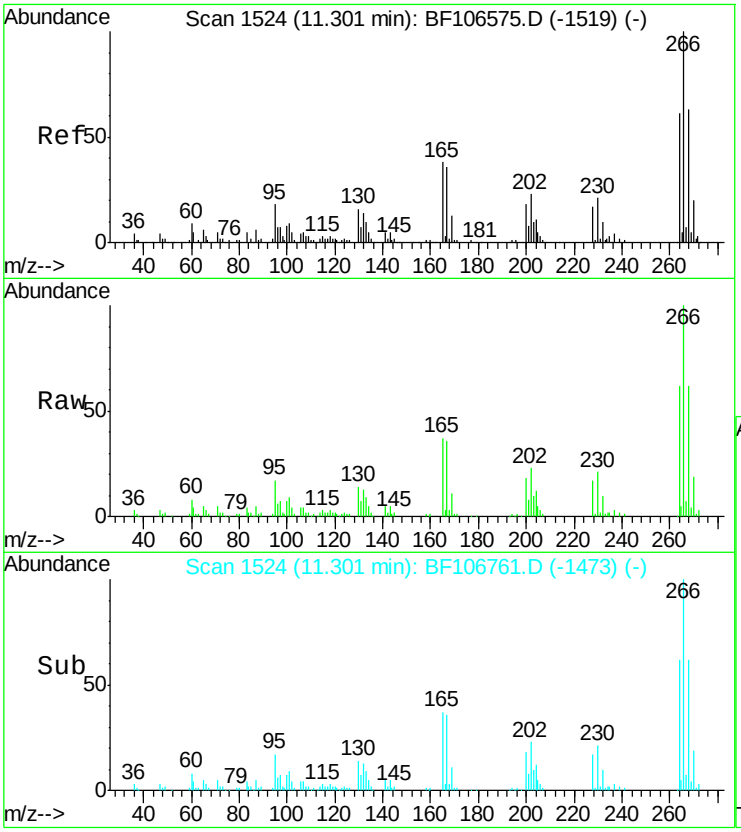




#68
Atrazine
Concen: 37.891 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:200 Resp: 111437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.7 | 8.6 | 48.6 |
| 215 | 48.8 | 25.1 | 65.1 |



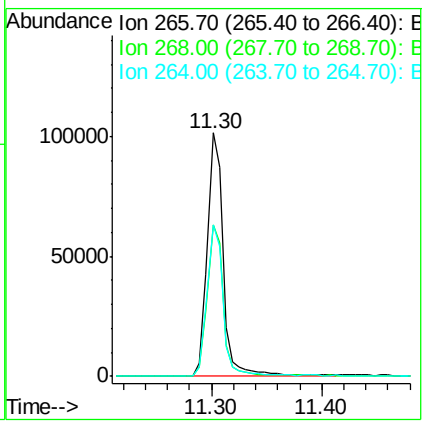


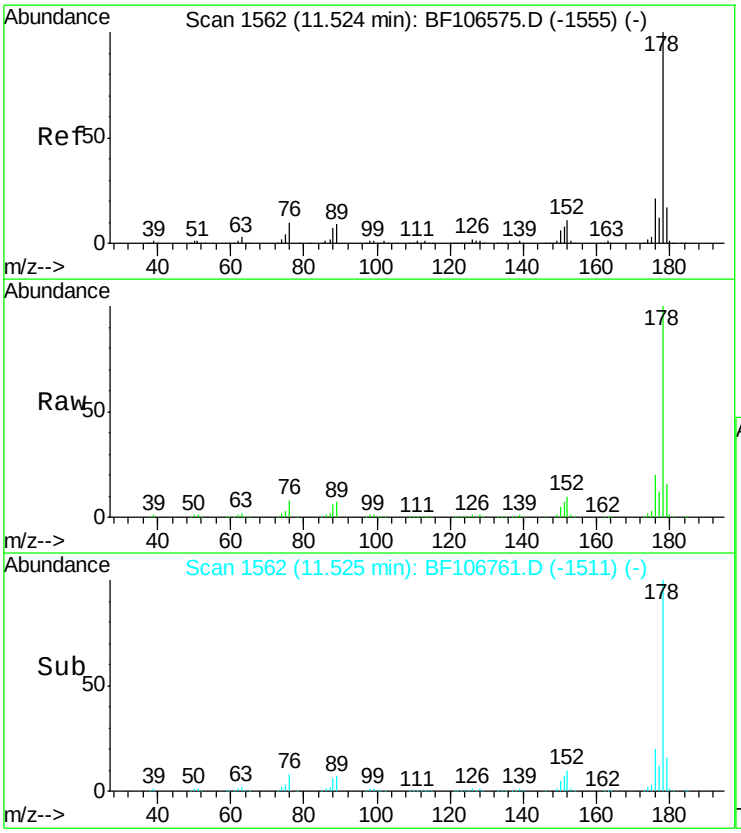

#69
Pentachlorophenol
Concen: 58.211 ng
RT: 11.30 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:266 Resp: 99788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.0 | 51.1 | 76.7 |
| 264 | 62.3 | 49.5 | 74.3 |

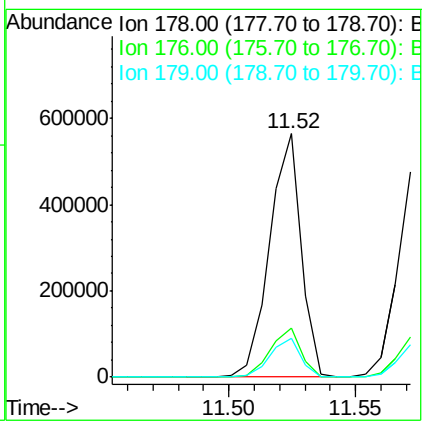


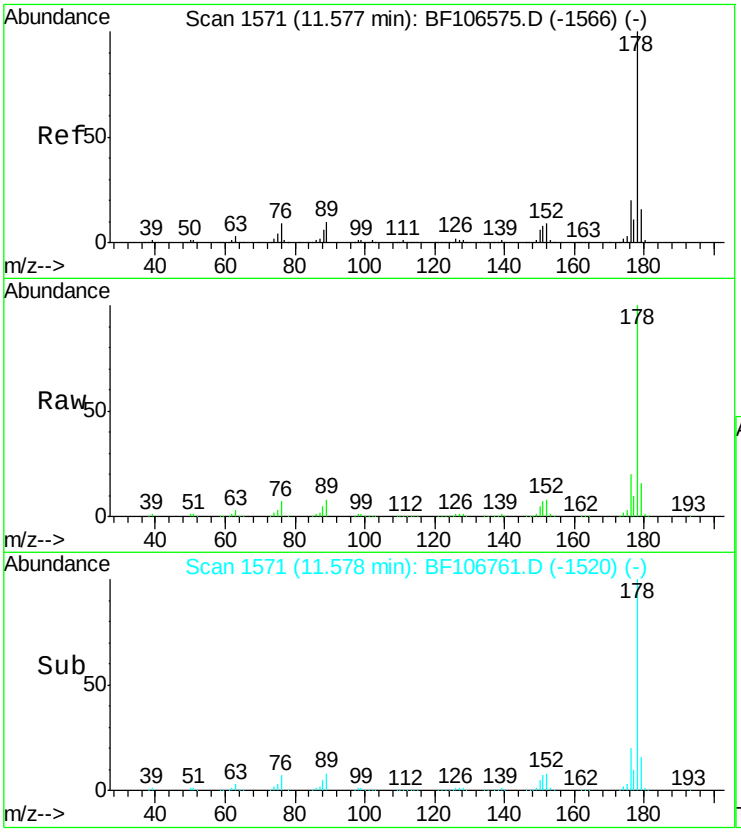




#70
Phenanthrene
Concen: 37.148 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:178 Resp: 492811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 15.8 | 23.8 |
| 179 | 15.7 | 13.0 | 19.6 |



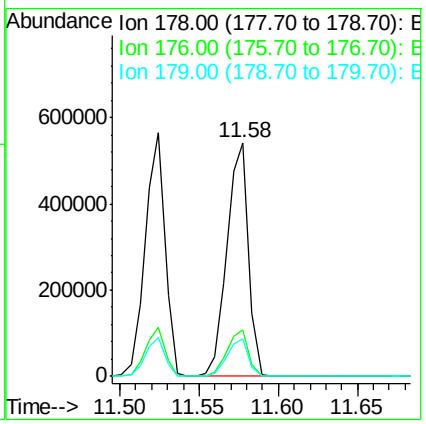


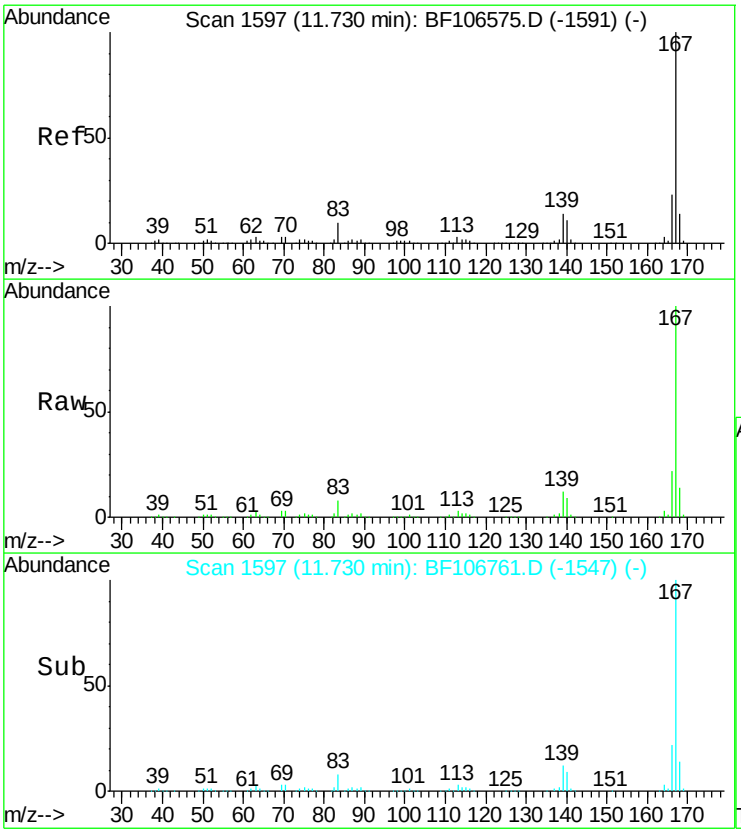

#71
Anthracene
Concen: 37.571 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:178 Resp: 508744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 15.4 | 23.2 |
| 179 | 15.9 | 12.6 | 19.0 |

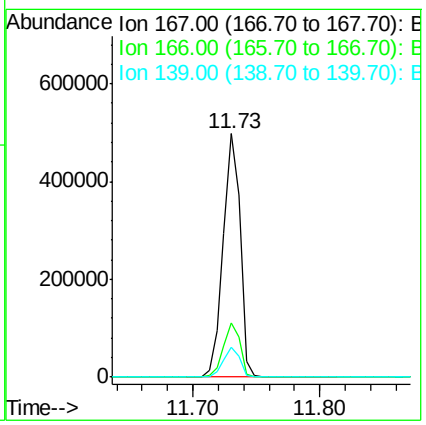


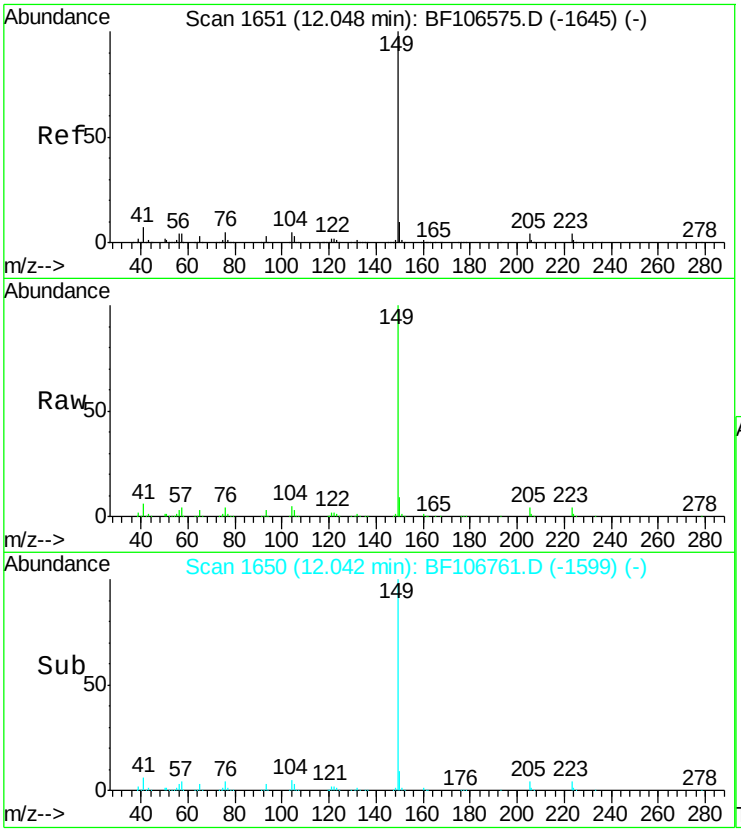




#72
Carbazole
Concen: 36.731 ng
RT: 11.73 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:167 Resp: 465656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 17.6 | 26.4 |
| 139 | 12.1 | 10.9 | 16.3 |



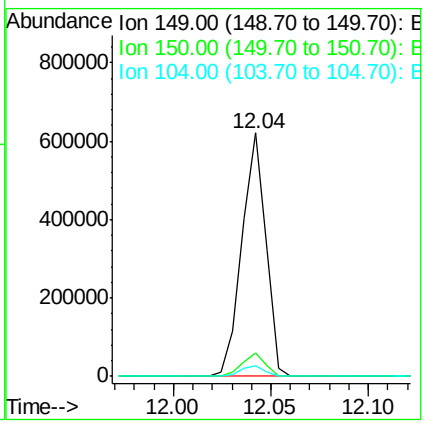


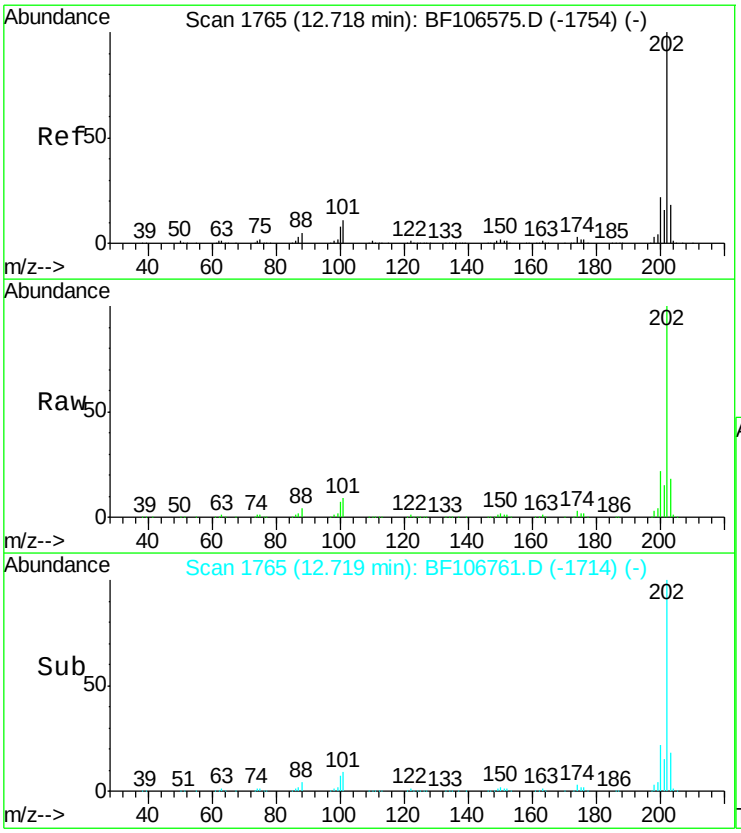

#73
Di-n-butylphthalate
Concen: 35.362 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:149 Resp: 528145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.8 | 11.6 |
| 104 | 4.5 | 3.8 | 5.8 |

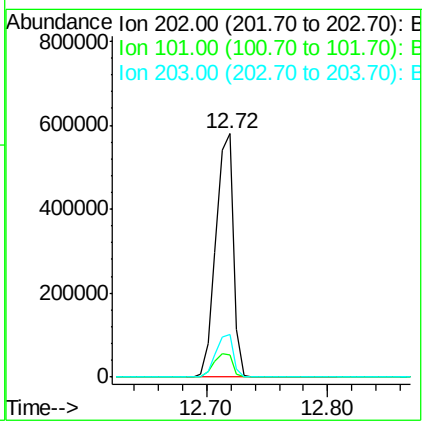


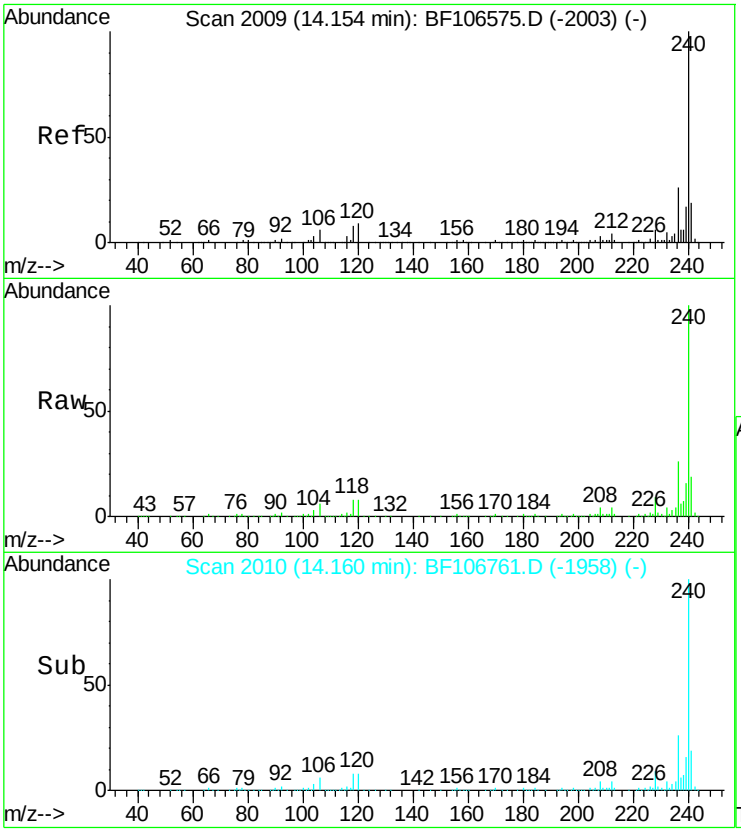




#74
Fluoranthene
Concen: 39.406 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:202 Resp: 576193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.0 | 0.0 | 34.1 |
| 203 | 17.6 | 0.0 | 38.1 |



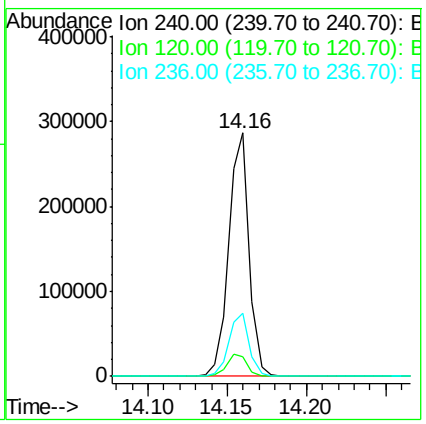


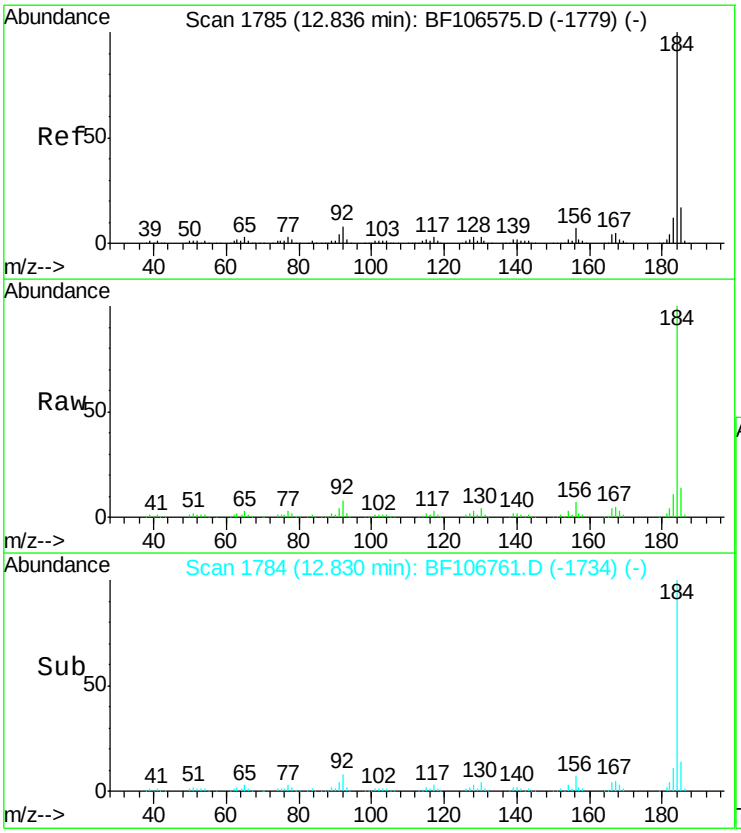

#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:240 Resp: 254544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.9 | 9.5 | 14.3# |
| 236 | 26.0 | 20.7 | 31.1 |

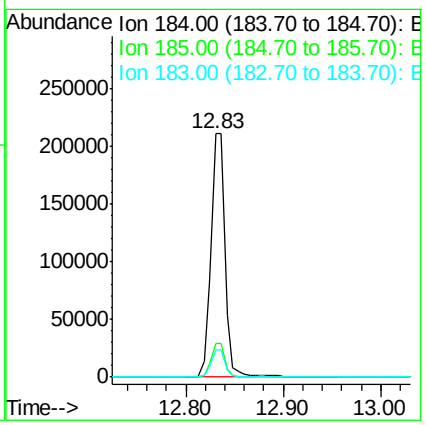


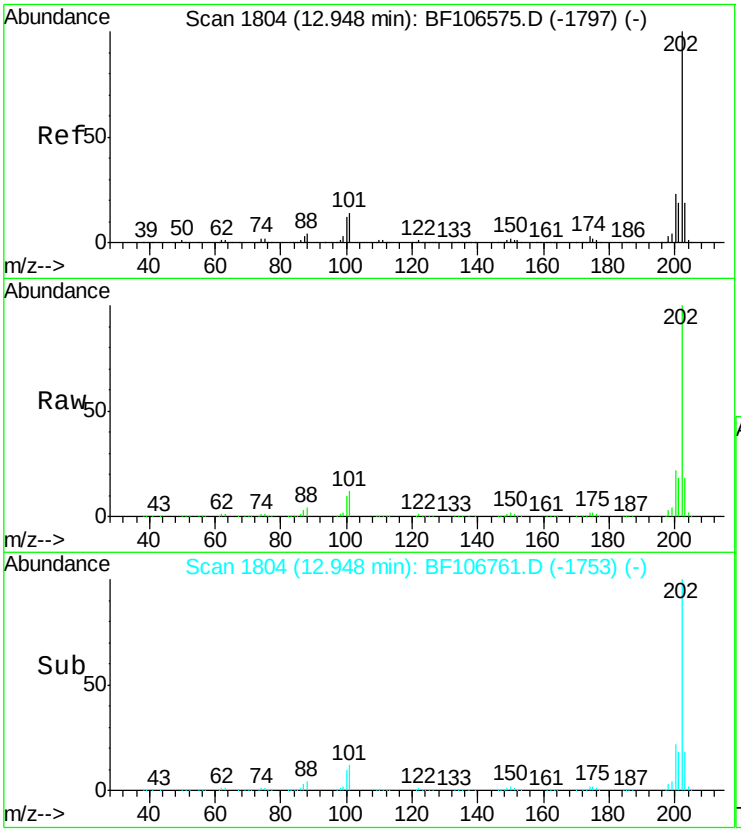




#76
Benzidine
Concen: 29.321 ng
RT: 12.83 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:184 Resp: 212556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.0 | 12.6 | 18.8 |
| 183 | 11.4 | 9.3 | 13.9 |



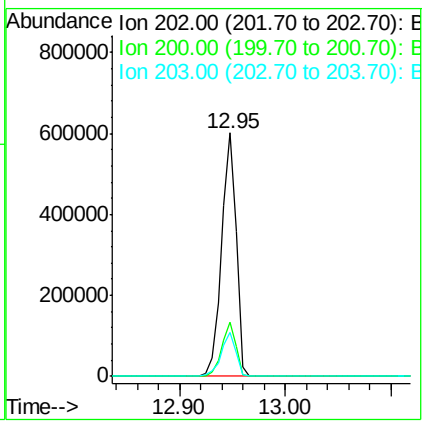


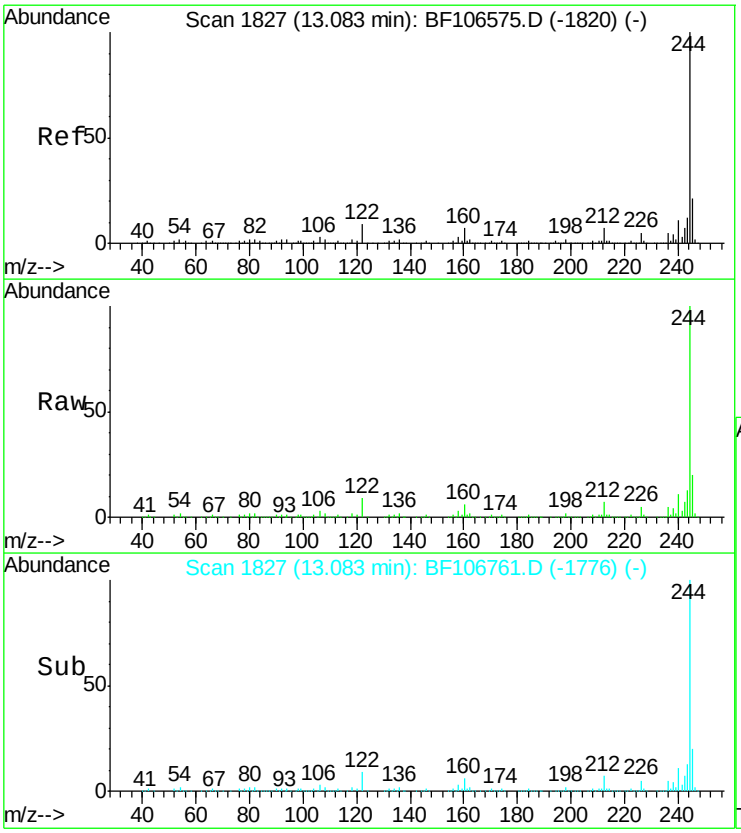

#77
Pyrene
Concen: 34.722 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:202 Resp: 582822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.0 | 17.4 | 26.2 |
| 203 | 18.0 | 14.3 | 21.5 |

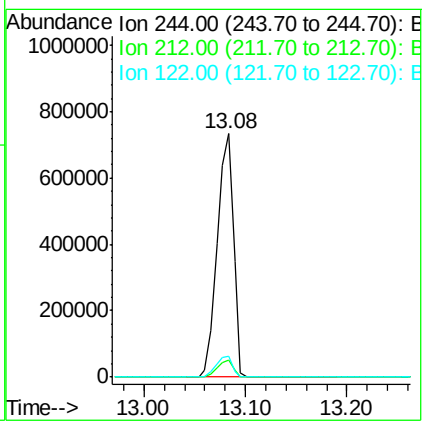


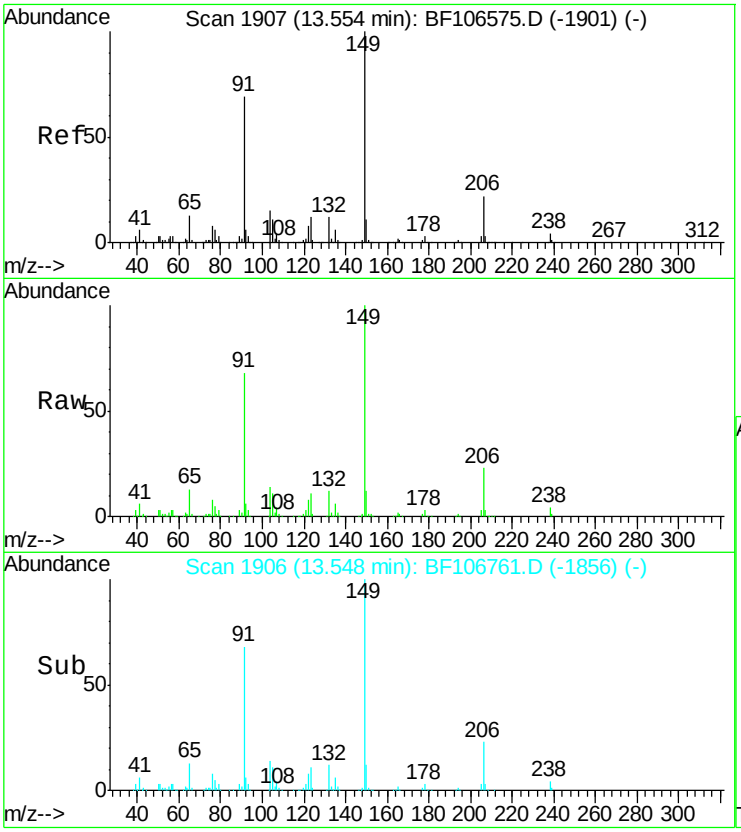




#78
Terphenyl-d14
Concen: 77.510 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:244 Resp: 814505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.4 | 8.0 |
| 122 | 8.5 | 11.0 | 16.4# |



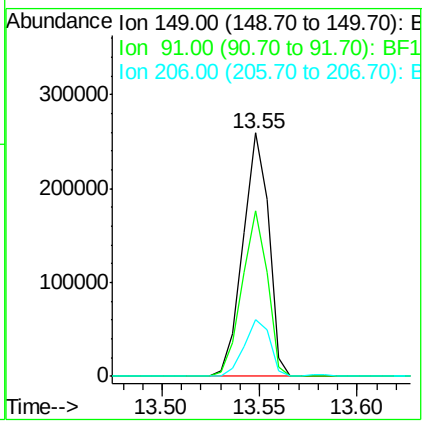


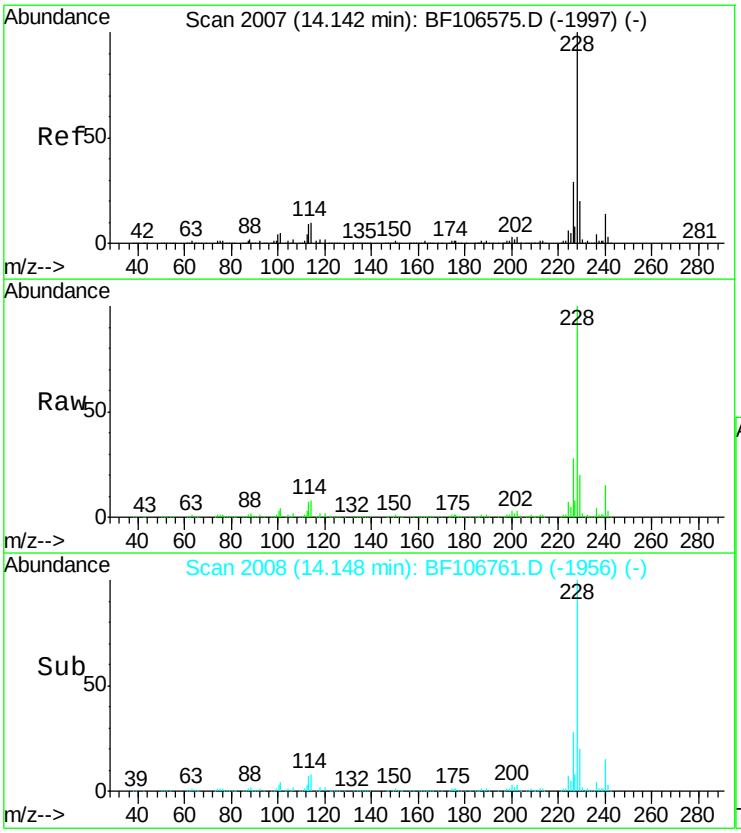

#79
Butylbenzylphthalate
Concen: 34.513 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:149 Resp: 238185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.1 | 56.8 | 85.2 |
| 206 | 23.3 | 14.1 | 21.1# |

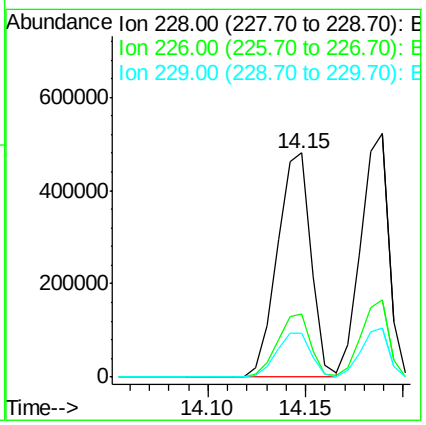


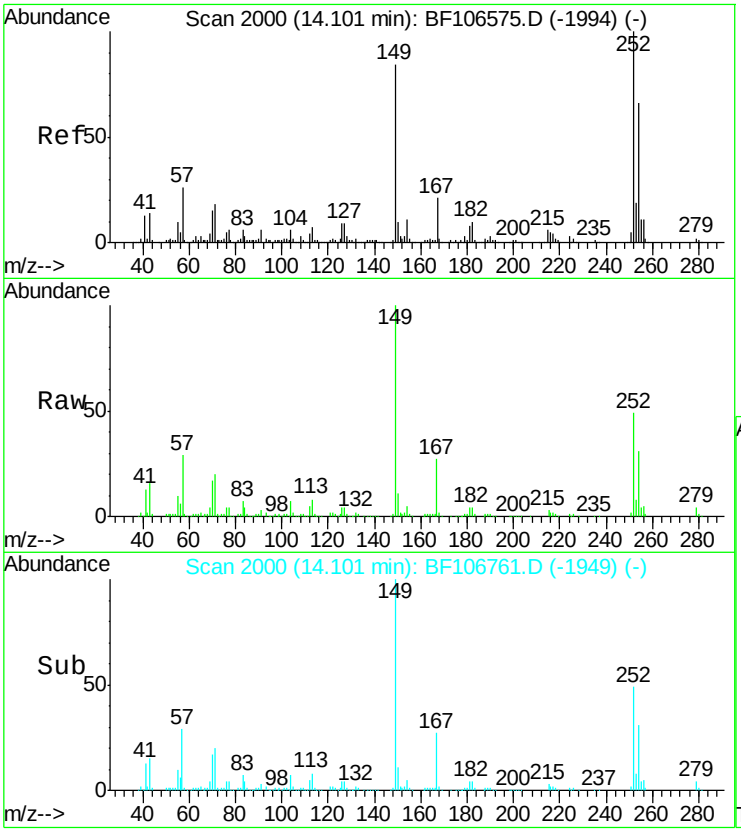




#80
Benzo(a)anthracene
Concen: 36.798 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:228 Resp: 570880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 22.6 | 33.8 |
| 229 | 19.8 | 15.8 | 23.6 |



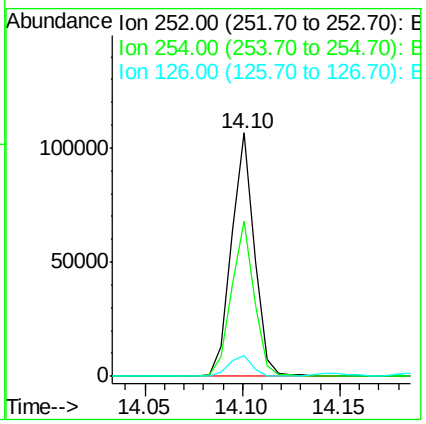


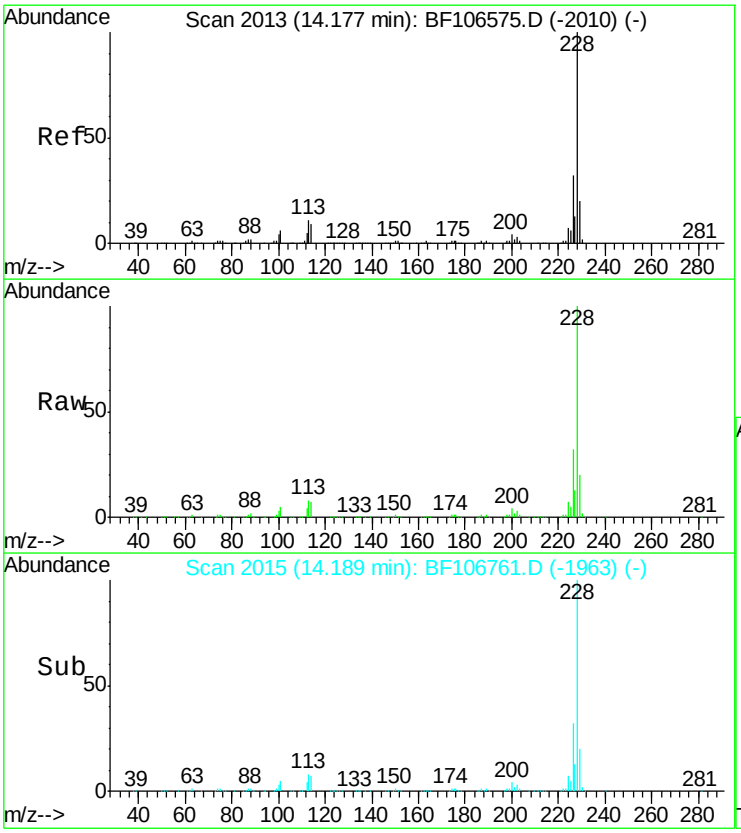

#81
3,3'-Dichlorobenzidine
Concen: 15.859 ng
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:252 Resp: 86473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.8 | 50.4 | 75.6 |
| 126 | 8.4 | 11.3 | 16.9# |

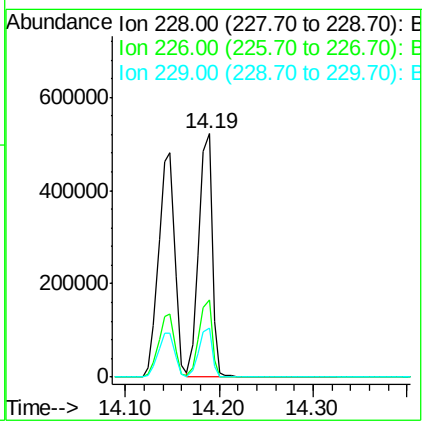


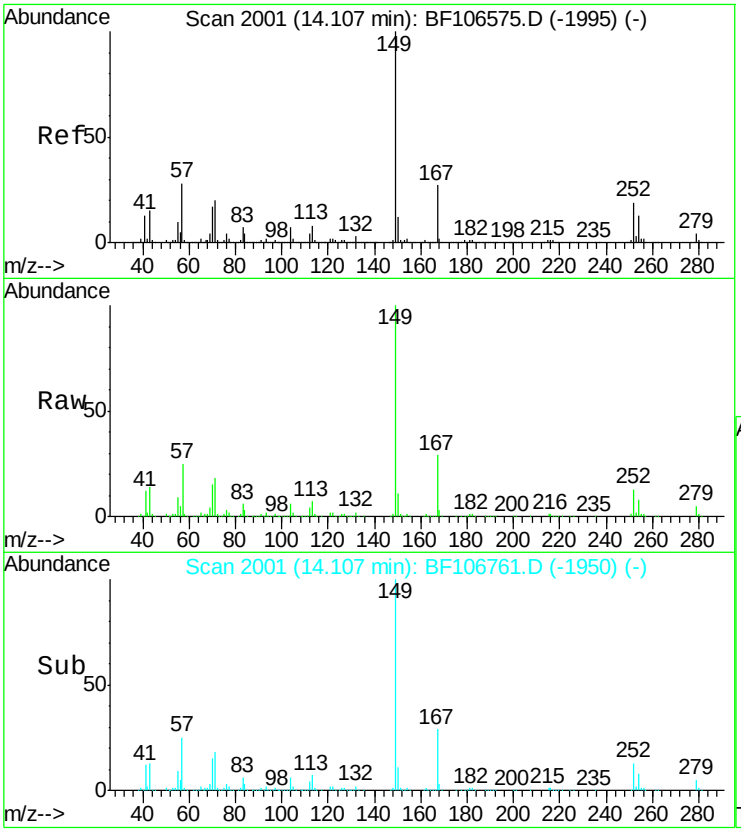




#82
Chrysene
Concen: 36.672 ng
RT: 14.19 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:228 Resp: 523408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.6 | 25.0 | 37.6 |
| 229 | 20.2 | 16.2 | 24.4 |



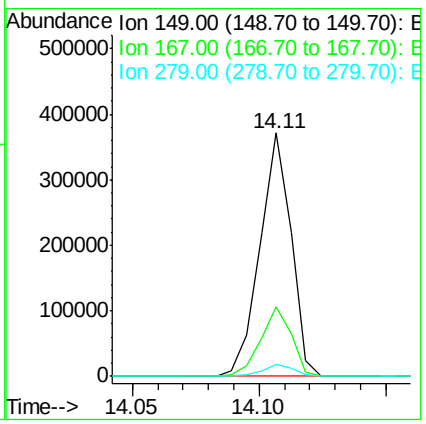


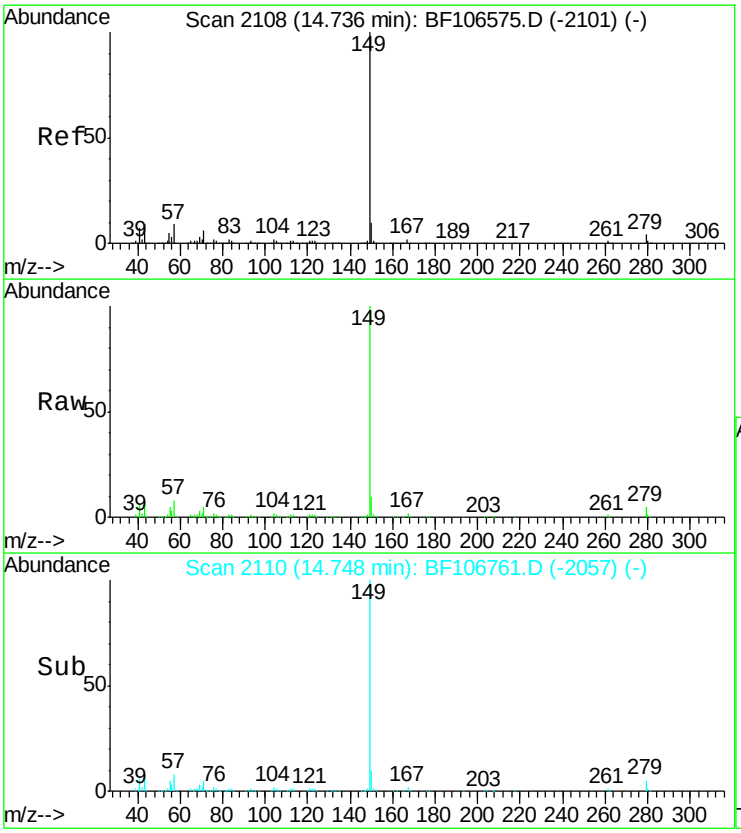

#83
Bis(2-ethylhexyl)phthalate
Concen: 36.284 ng
RT: 14.11 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:149 Resp: 320139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.8 | 21.3 | 31.9 |
| 279 | 4.7 | 3.0 | 4.4# |

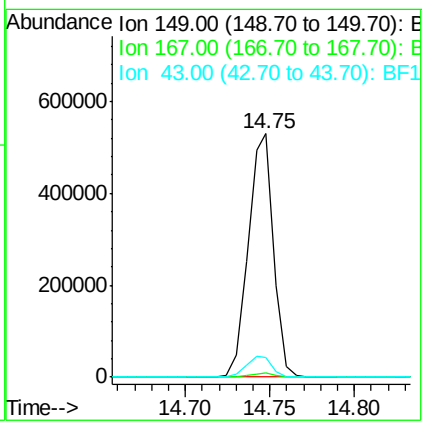


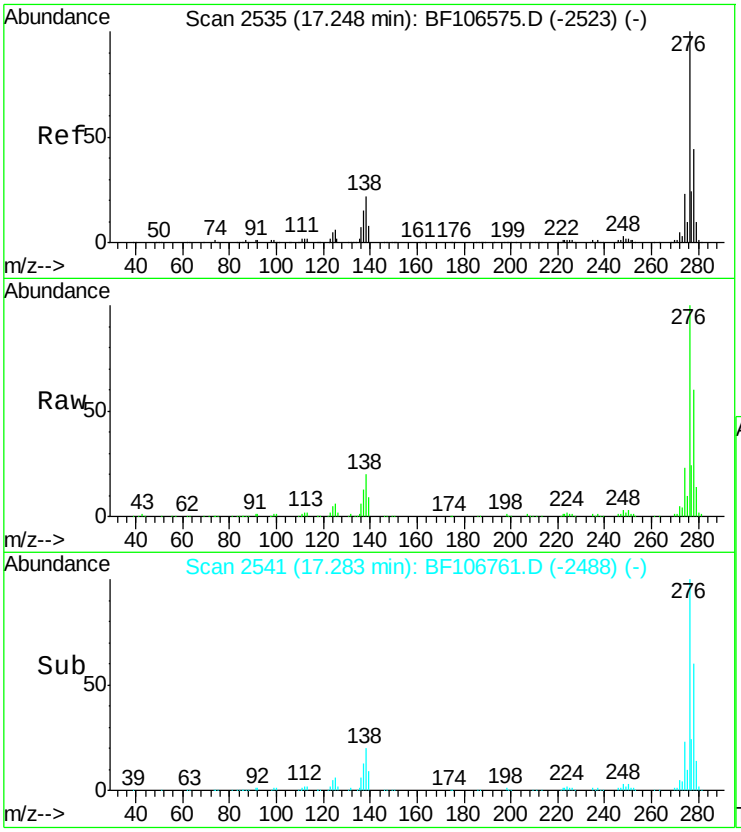




#84
Di-n-octyl phthalate
Concen: 38.120 ng
RT: 14.75 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:149 Resp: 548242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 8.6 | 8.4 | 12.6 |



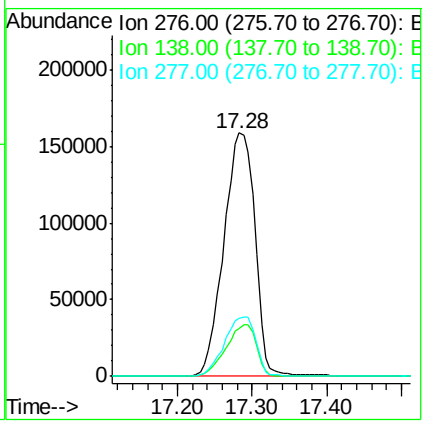


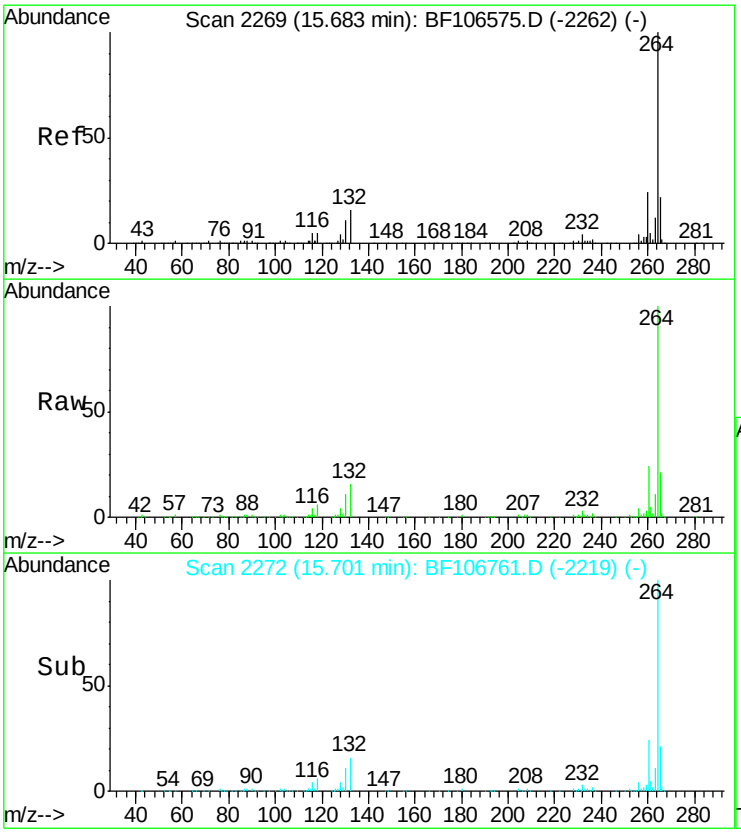

#85
Indeno(1,2,3-cd)pyrene
Concen: 38.129 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:276 Resp: 461824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.7 | 25.0 | 37.6# |
| 277 | 24.7 | 20.1 | 30.1 |

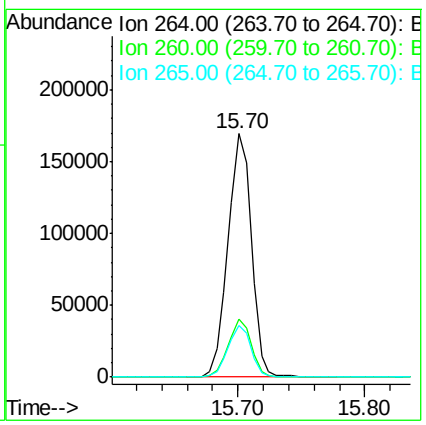


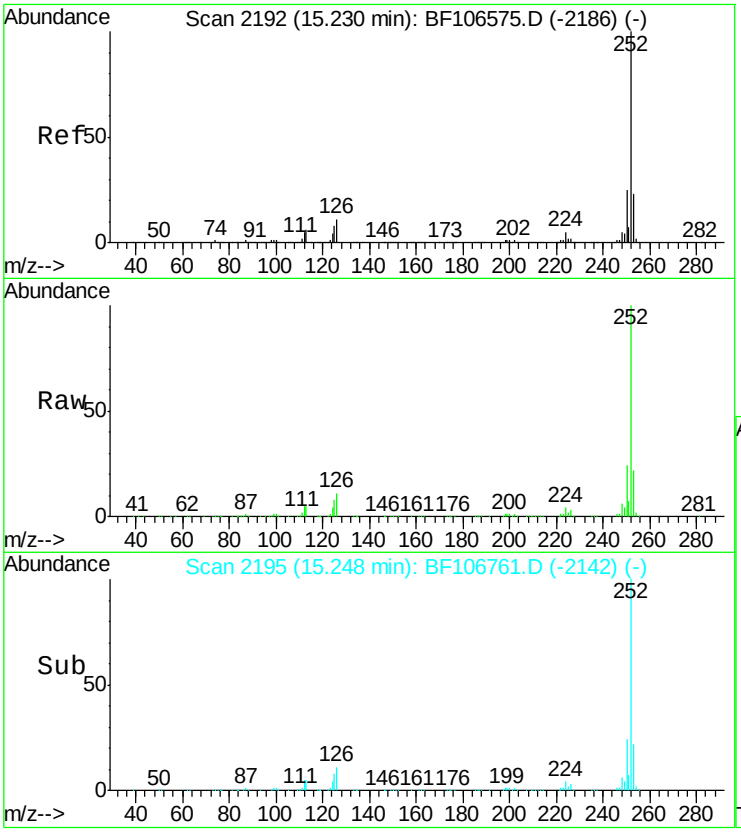




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:264 Resp: 215868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.2 | 28.8 |
| 265 | 21.0 | 17.5 | 26.3 |



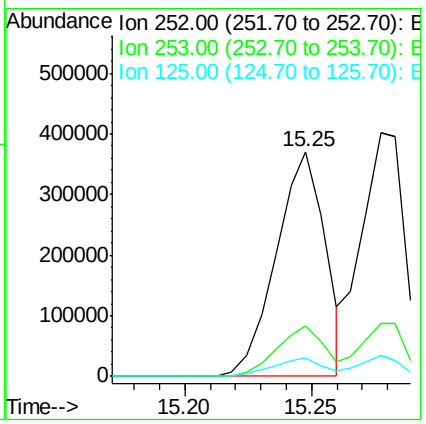


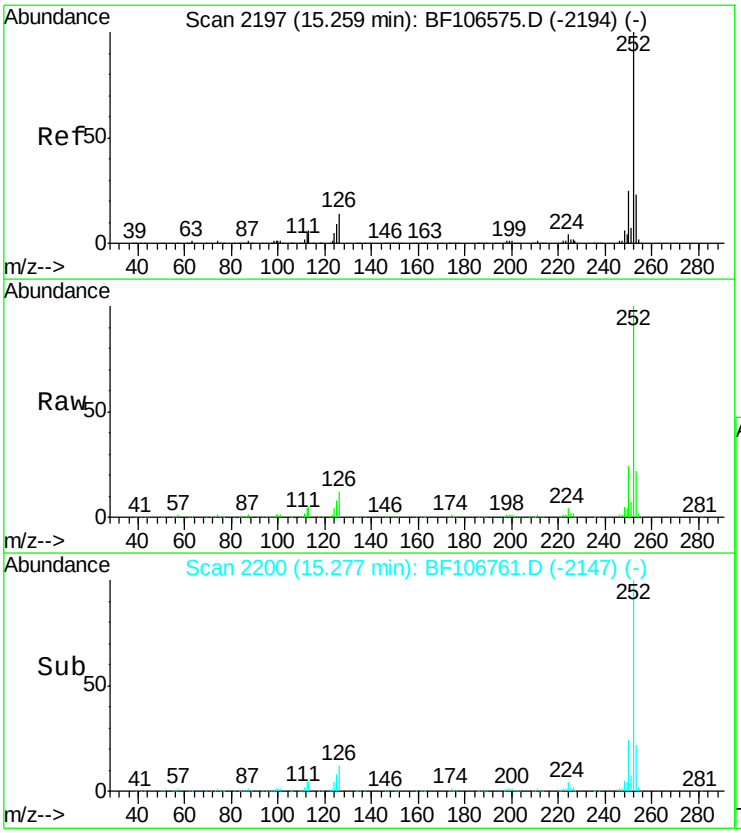

#87
Benzo(b)fluoranthene
Concen: 37.187 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:252 Resp: 498666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.0 | 25.6 |
| 125 | 7.9 | 9.0 | 13.6# |

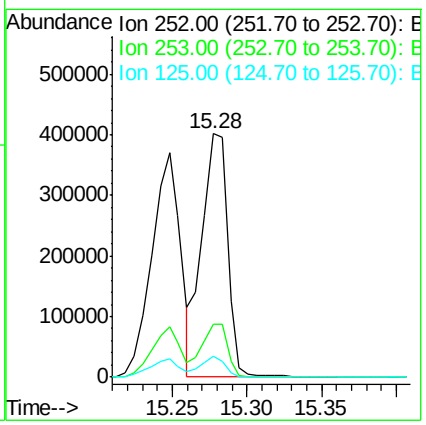


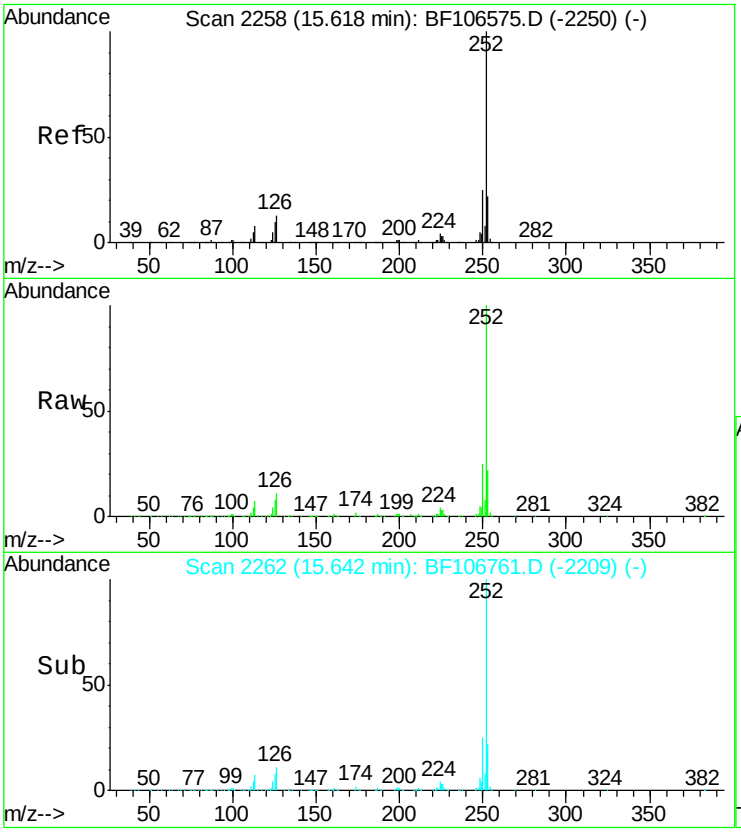




#88
Benzo(k)fluoranthene
Concen: 37.657 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:252 Resp: 480880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.9 | 26.9 |
| 125 | 8.5 | 10.2 | 15.2# |



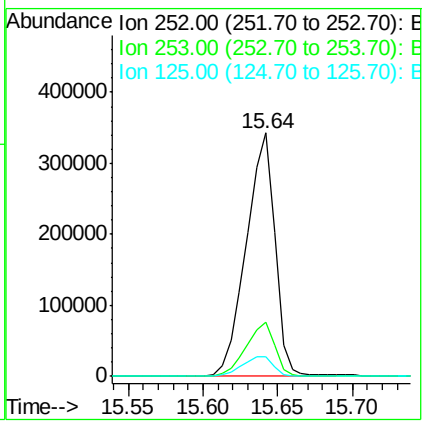


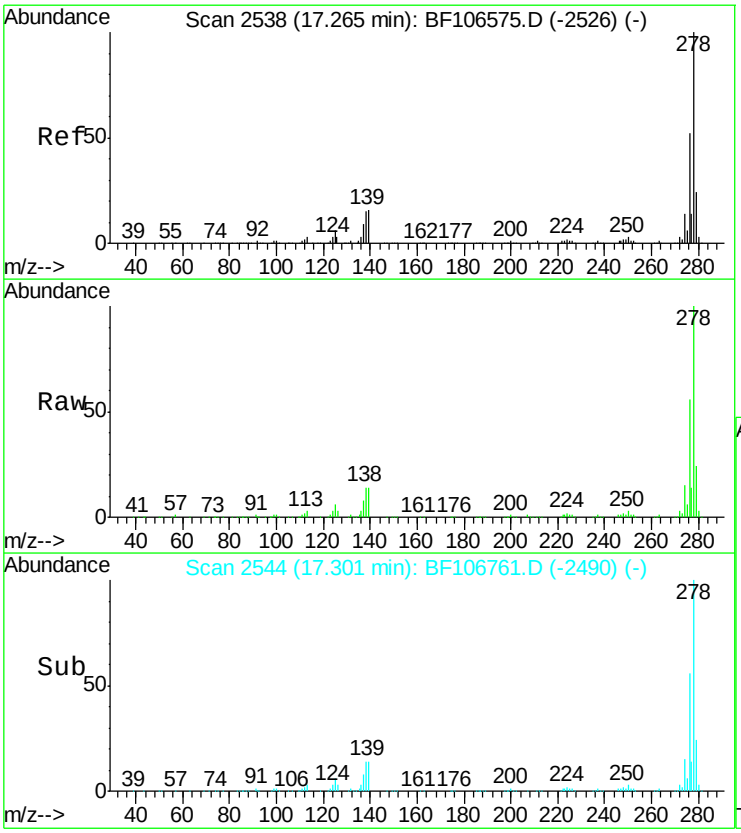

#89
Benzo(a)pyrene
Concen: 38.282 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:252 Resp: 456348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.1 | 25.7 |
| 125 | 8.2 | 9.8 | 14.6# |

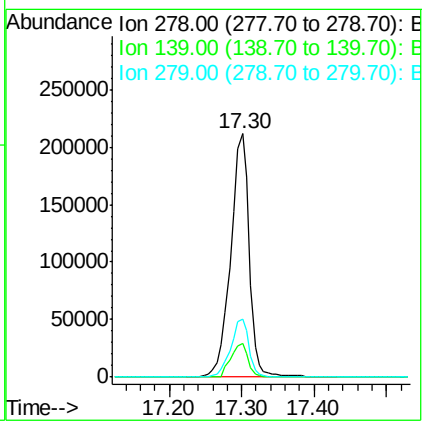


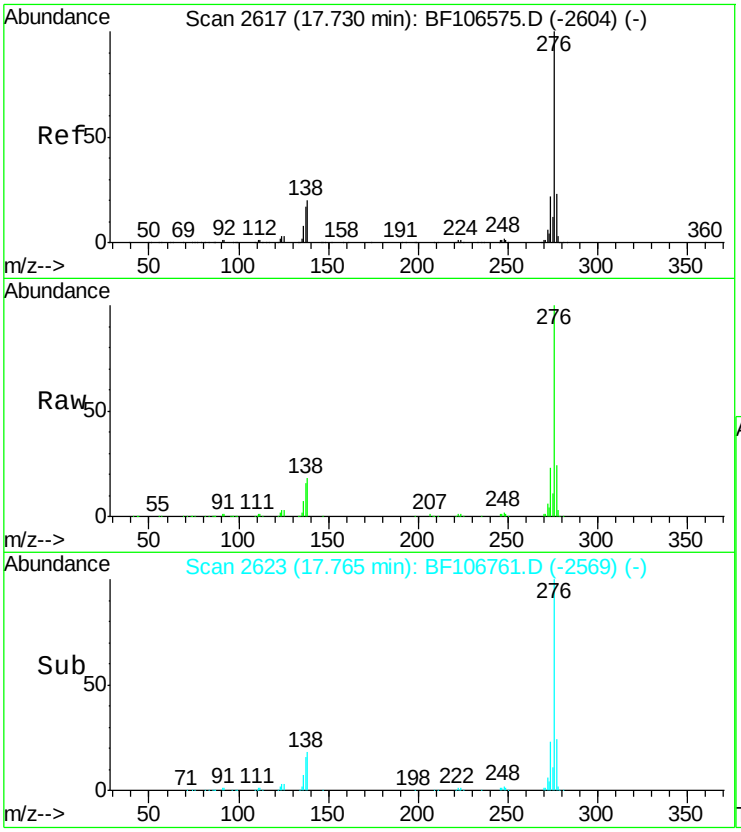




#90
Dibenzo(a,h)anthracene
Concen: 37.519 ng
RT: 17.30 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

Tgt Ion:278 Resp: 379051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.8 | 15.9 | 23.9# |
| 279 | 24.0 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 39.799 ng
RT: 17.77 min Scan# 2623
Delta R.T. 0.02 min
Lab File: BF106761.D
Acq: 25 Jun 2018 10:40

**Instrument :**
BNA_F
**ClientSampleId :**
PB110506BS

Tgt Ion:276 Resp: 392999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 17.9 | 26.9 |
| 138 | 18.2 | 21.8 | 32.8# |