Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107055.D
Acq On : 2 Jul 2018 20:12
Operator : JU/SJ
Sample : J3732-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jul 03 01:25:14 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 29 14:38:29 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.96 | 152 | 63045 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.24 | 136 | 228119 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 10.00 | 164 | 104298 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.50 | 188 | 184347 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.16 | 240 | 151811 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.71 | 264 | 115712 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 421341 | 113.17 | ng | | 0.00 |
| 7) Phenol-d6 | 6.61 | 99 | 518313 | 111.48 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 313344 | 76.34 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 144601 | 119.62 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.32 | 172 | 556838 | 91.49 | ng | | 0.00 |
| 78) Terphenyl-d14 | 13.08 | 244 | 600104 | 95.75 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.83 | 88 | 52552 | 27.455 | ng | | 98 |
| 3) Pyridine | 3.62 | 79 | 157309 | 30.303 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.58 | 42 | 68146 | 30.907 | ng | | 83 |
| 6) Aniline | 6.63 | 93 | 158544 | 25.138 | ng | # | 48 |
| 8) 2-Chlorophenol | 6.76 | 128 | 158621 | 38.843 | ng | | 94 |
| 9) Benzaldehyde | 6.52 | 77 | 91531 | 26.353 | ng | | 93 |
| 10) Phenol | 6.62 | 94 | 193928 | 36.547 | ng | | 73 |
| 11) bis(2-Chloroethyl)ether | 6.70 | 93 | 159094 | 36.318 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.90 | 146 | 181289 | 37.904 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.98 | 146 | 179776 | 37.179 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.13 | 146 | 171036 | 38.595 | ng | | 98 |
| 15) Benzyl Alcohol | 7.11 | 79 | 127397 | 34.124 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45 | 213887 | 37.214 | ng | # | 41 |
| 17) 2-Methylphenol | 7.22 | 107 | 133670 | 38.250 | ng | # | 90 |
| 18) Hexachloroethane | 7.47 | 117 | 39231 | 23.071 | ng | # | 87 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 110493 | 36.052 | ng | | 92 |
| 20) 3+4-Methylphenols | 7.38 | 107 | 173585 | 46.426 | ng | | 95 |
| 22) Acetophenone | 7.37 | 105 | 217632 | 42.643 | ng | # | 99 |
| 24) Nitrobenzene | 7.55 | 77 | 164071 | 39.150 | ng | | 97 |
| 25) Isophorone | 7.78 | 82 | 301888 | 41.736 | ng | | 99 |
| 26) 2-Nitrophenol | 7.86 | 139 | 48390 | 24.460 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.90 | 122 | 143794 | 47.024 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93 | 196127 | 40.384 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.11 | 162 | 138364 | 43.220 | ng | | 91 |
| 30) 1,2,4-Trichlorobenzene | 8.18 | 180 | 152647 | 43.283 | ng | | 98 |
| 31) Naphthalene | 8.27 | 128 | 433651 | 40.660 | ng | | 99 |
| 32) Benzoic acid | 7.90 | 122 | 143794 | 62.660 | ng | # | 13 |
| 33) 4-Chloroaniline | 8.32 | 127 | 112587 | 25.159 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.37 | 225 | 99858 | 43.454 | ng | | 99 |
| 35) Caprolactam | 8.69 | 113 | 40316 | 38.633 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.81 | 107 | 136106 | 40.391 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.96 | 142 | 314600 | 44.503 | ng | | 95 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 164707 | 46.893 | ng | # | 95 |
| 42) 2,4,6-Trichlorophenol | 9.24 | 196 | 91421 | 39.156 | ng | | 93 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107055.D
Acq On : 2 Jul 2018 20:12
Operator : JU/SJ
Sample : J3732-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jul 03 01:25:14 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 29 14:38:29 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 9.30 | 196 | 90906 | 37.314 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 9.42 | 154 | 374691 | 45.078 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.45 | 162 | 267173 | 40.835 | ng | | 97 |
| 47) 2-Nitroaniline | 9.55 | 65 | 85862 | 39.026 | ng | | 99 |
| 48) Acenaphthylene | 9.87 | 152 | 415370 | 40.211 | ng | | 99 |
| 49) Dimethylphthalate | 9.71 | 163 | 397381 | 50.800 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.79 | 165 | 56366 | 34.028 | ng | | 88 |
| 51) Acenaphthene | 10.04 | 154 | 247177 | 38.000 | ng | | 98 |
| 52) 3-Nitroaniline | 9.97 | 138 | 81838 | 42.934 | ng | | 98 |
| 54) Dibenzofuran | 10.21 | 168 | 374292 | 42.022 | ng | | 94 |
| 55) 4-Nitrophenol | 10.15 | 139 | 60064 | 45.144 | ng | | 97 |
| 56) 2,4-Dinitrotoluene | 10.20 | 165 | 63973 | 29.588 | ng | | 90 |
| 57) Fluorene | 10.55 | 166 | 292326 | 41.359 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.34 | 232 | 76351 | 39.425 | ng | # | 77 |
| 59) Diethylphthalate | 10.41 | 149 | 306838 | 40.641 | ng | # | 94 |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204 | 156232 | 42.246 | ng | # | 82 |
| 61) 4-Nitroaniline | 10.58 | 138 | 78578 | 41.538 | ng | | 95 |
| 62) Azobenzene | 10.70 | 77 | 259600 | 34.916 | ng | | 94 |
| 65) n-Nitrosodiphenylamine | 10.66 | 169 | 256237 | 41.325 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 11.03 | 248 | 102755 | 46.705 | ng | # | 82 |
| 67) Hexachlorobenzene | 11.11 | 284 | 101323 | 44.002 | ng | # | 85 |
| 68) Atrazine | 11.18 | 200 | 72702 | 36.883 | ng | | 94 |
| 69) Pentachlorophenol | 11.31 | 266 | 45703 | 39.778 | ng | | 97 |
| 70) Phenanthrene | 11.52 | 178 | 392222 | 44.112 | ng | | 98 |
| 71) Anthracene | 11.58 | 178 | 406975 | 44.843 | ng | | 99 |
| 72) Carbazole | 11.74 | 167 | 361306 | 42.522 | ng | | 98 |
| 73) Di-n-butylphthalate | 12.04 | 149 | 423602 | 42.317 | ng | | 99 |
| 74) Fluoranthene | 12.72 | 202 | 432686 | 44.151 | ng | | 96 |
| 76) Benzidine | 12.84 | 184 | 319855 | 73.980 | ng | | 98 |
| 77) Pyrene | 12.95 | 202 | 426555 | 42.609 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.55 | 149 | 171364 | 41.634 | ng | # | 92 |
| 80) Benzo(a)anthracene | 14.15 | 228 | 382989 | 41.393 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.10 | 252 | 142264 | 43.749 | ng | # | 97 |
| 82) Chrysene | 14.19 | 228 | 356014 | 41.824 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.10 | 149 | 228885 | 43.496 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 14.73 | 149 | 395017 | 46.053 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 17.31 | 276 | 267811 | 37.074 | ng | # | 90 |
| 87) Benzo(b)fluoranthene | 15.25 | 252 | 304326 | 42.338 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 15.28 | 252 | 297108 | 43.405 | ng | # | 95 |
| 89) Benzo(a)pyrene | 15.64 | 252 | 275296 | 43.083 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 17.31 | 278 | 229842 | 42.442 | ng | # | 93 |
| 91) Benzo(g,h,i)perylene | 17.79 | 276 | 222021 | 41.945 | ng | # | 88 |

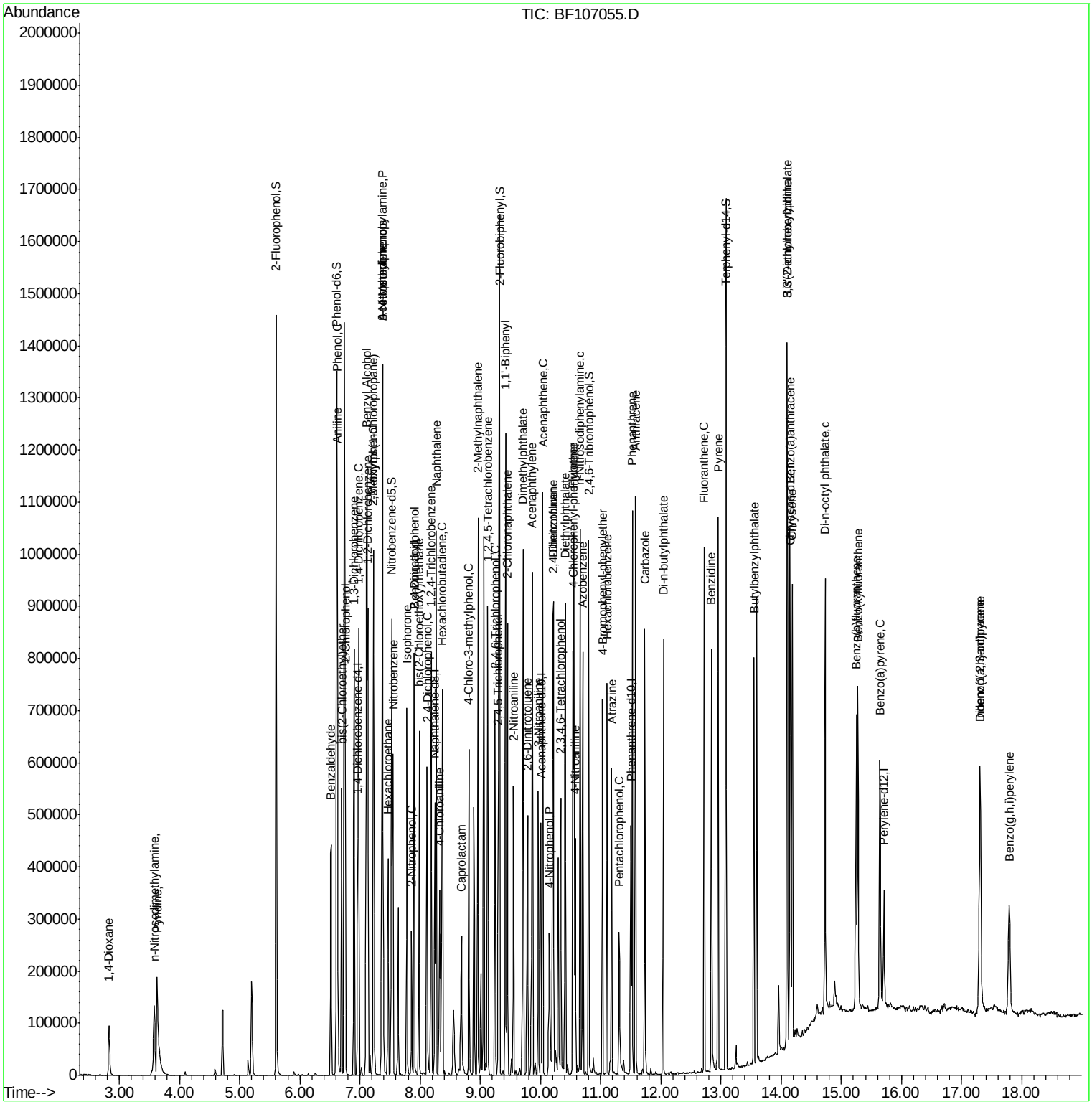
(#) = qualifier out of range (m) = manual integration (+) = signals summed

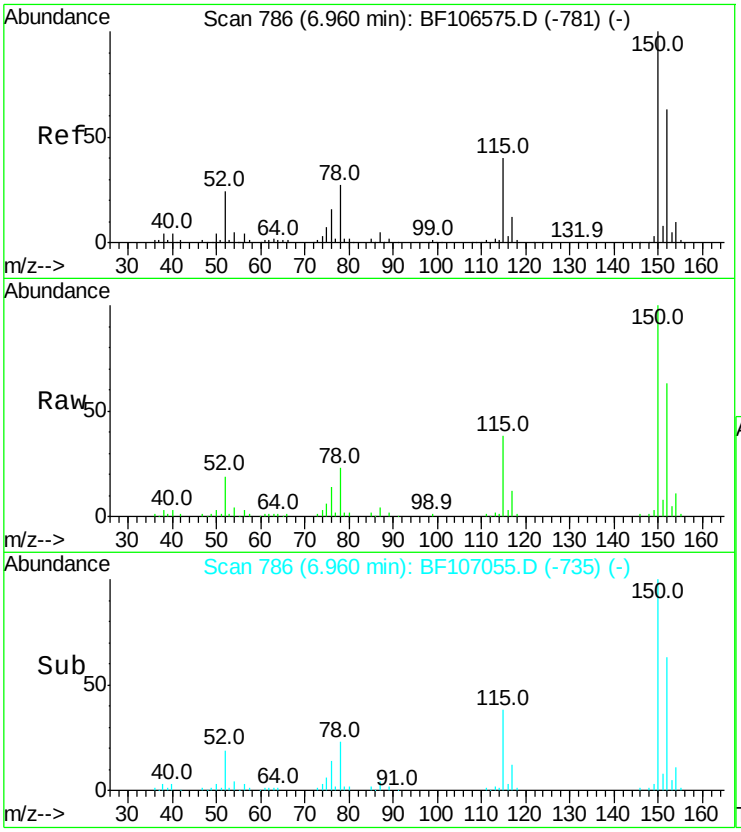
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107055.D
Acq On : 2 Jul 2018 20:12
Operator : JU/SJ
Sample : J3732-03MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Jul 03 01:25:14 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 29 14:38:29 2018
Response via : Initial Calibration



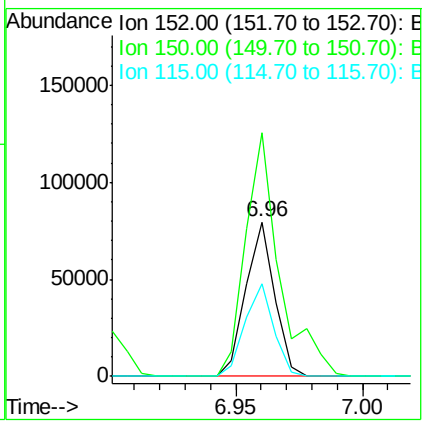


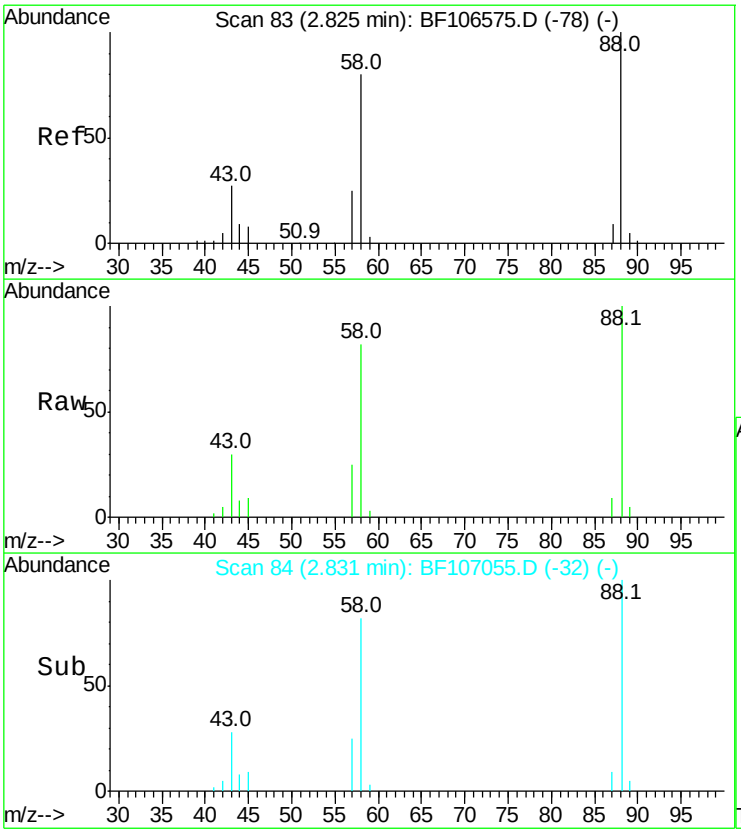

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:152 Resp: 63045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.8 | 124.6 | 186.8 |
| 115 | 60.1 | 50.1 | 75.1 |

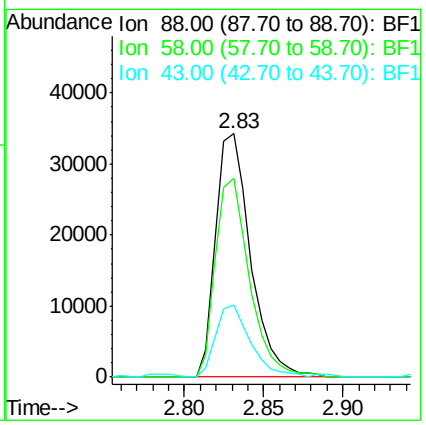


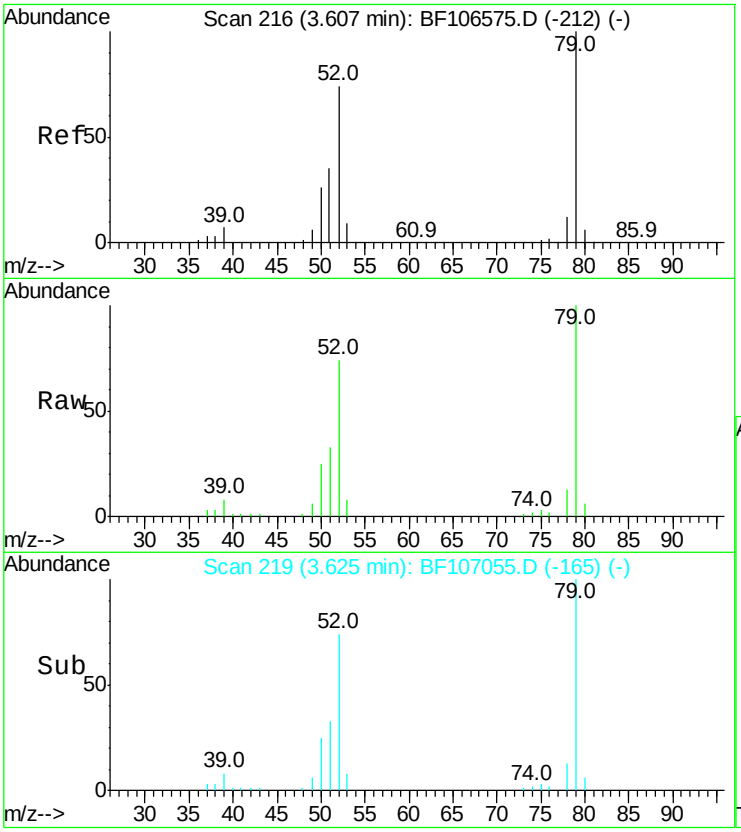




#2
1,4-Dioxane
Concen: 27.455 ng
RT: 2.83 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion: 88 Resp: 52552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 79.7 | 62.6 | 93.8 |
| 43 | 29.3 | 24.6 | 37.0 |



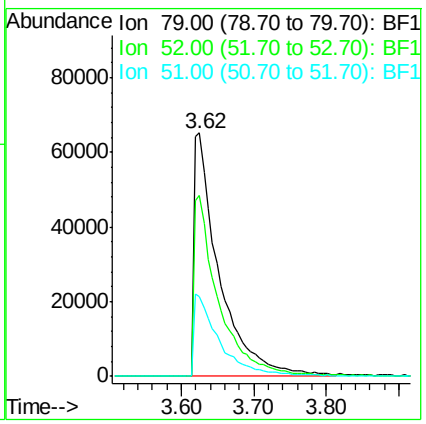


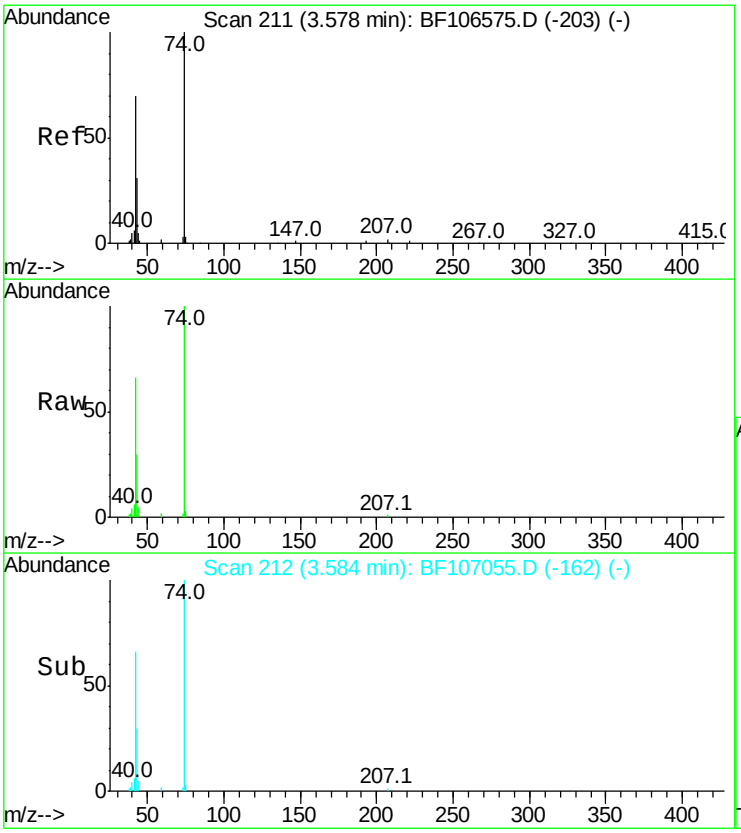

#3
Pyridine
Concen: 30.303 ng
RT: 3.62 min Scan# 219
Delta R.T. 0.02 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion: 79 Resp: 157309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 74.3 | 59.8 | 89.6 |
| 51 | 32.9 | 29.8 | 44.8 |

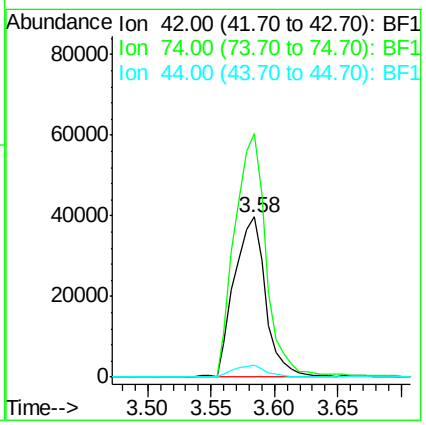


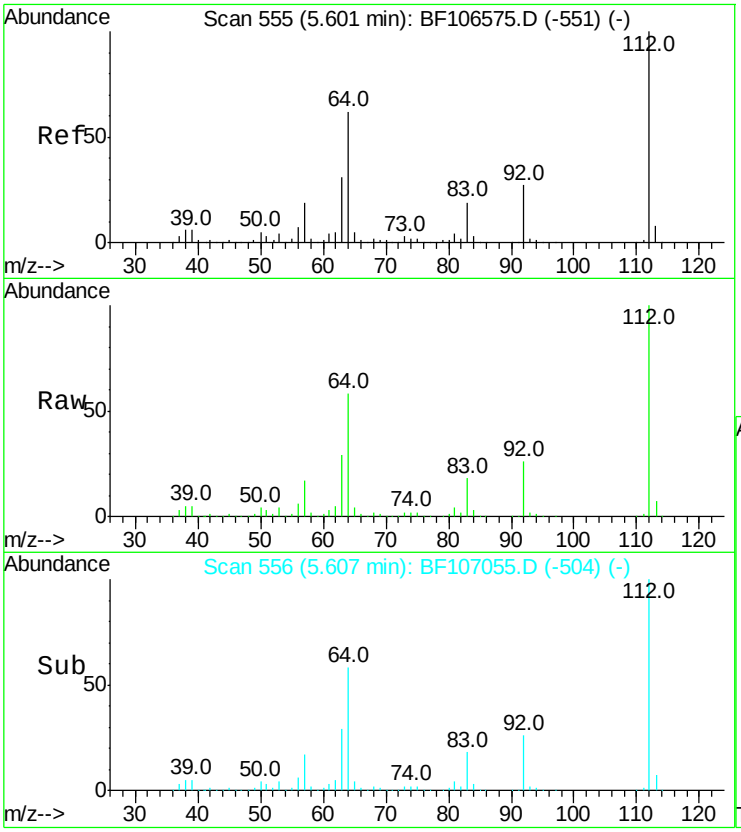




#4
n-Nitrosodimethylamine
Concen: 30.907 ng
RT: 3.58 min Scan# 212
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion: 42 Resp: 68146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 151.9 | 104.9 | 157.3 |
| 44 | 7.7 | 6.9 | 10.3 |



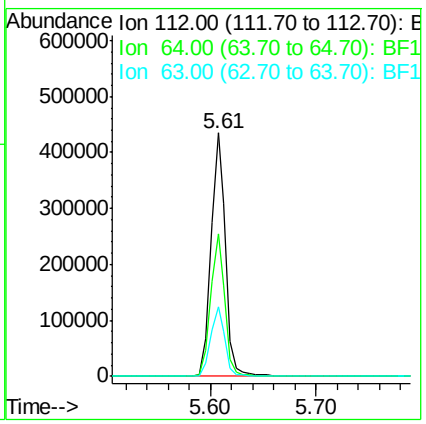


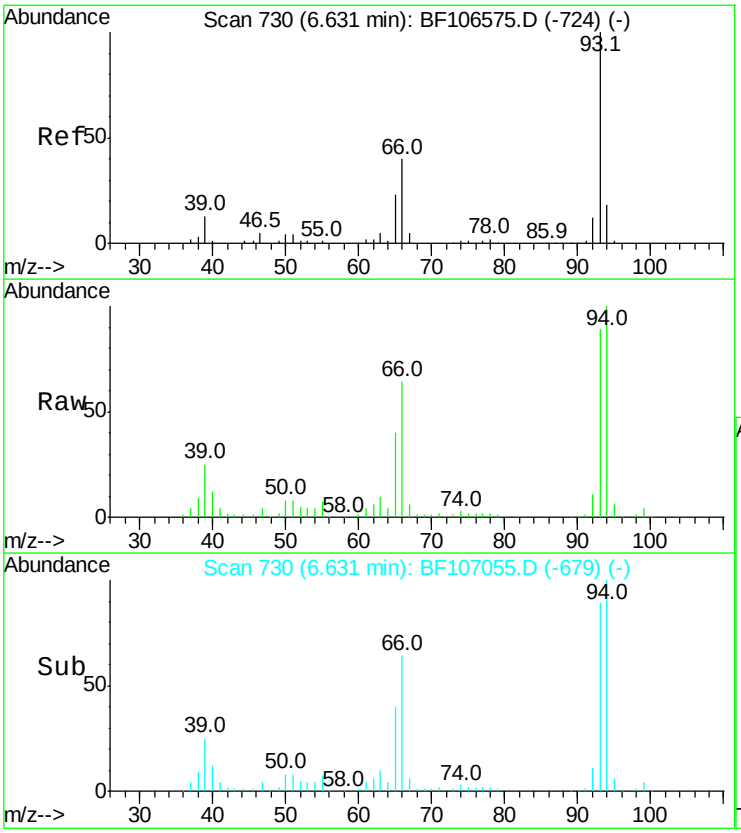

#5
2-Fluorophenol
Concen: 113.167 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:112 Resp: 421341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.5 | 47.9 | 71.9 |
| 63 | 28.6 | 23.7 | 35.5 |

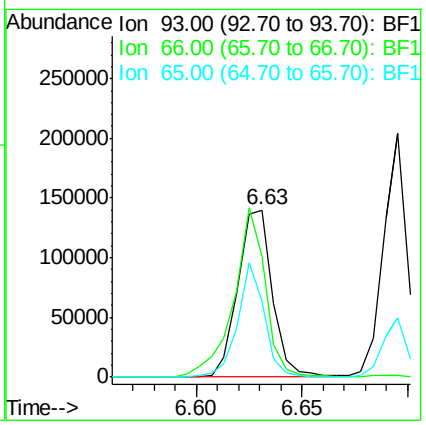


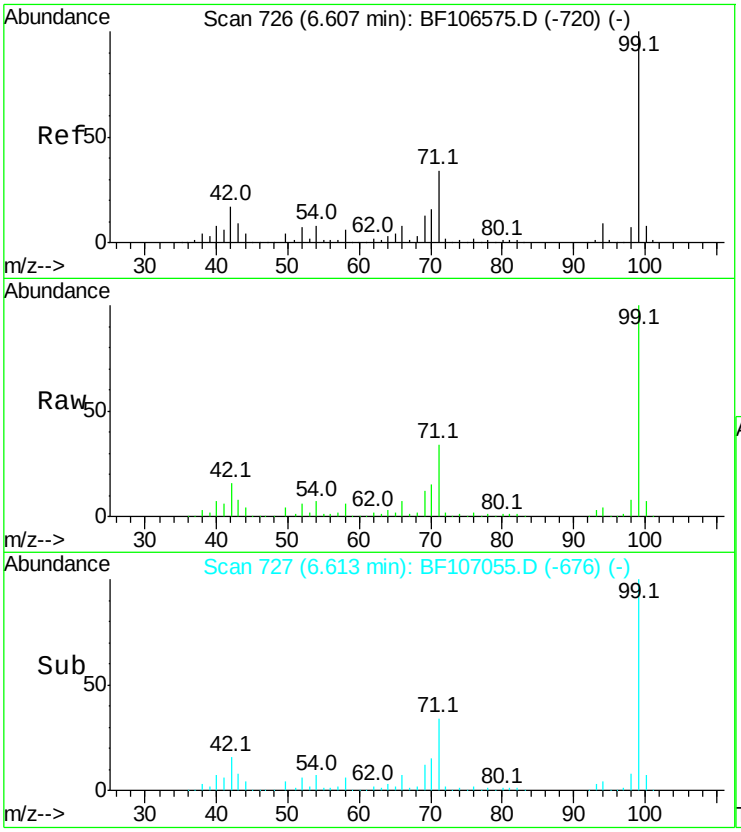




#6
Aniline
Concen: 25.138 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion: 93 Resp: 158544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 72.0 | 32.2 | 48.2# |
| 65 | 45.3 | 16.4 | 24.6# |



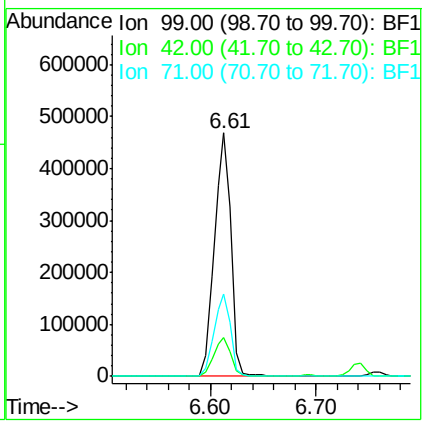


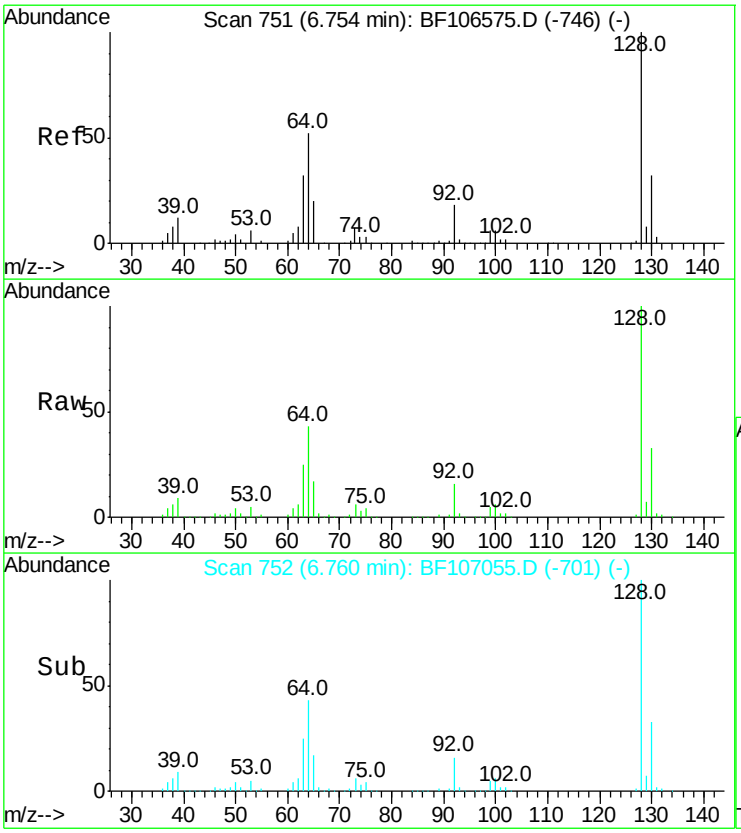

#7
Phenol-d6
Concen: 111.477 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion: 99 Resp: 518313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.2 | 14.5 | 21.7 |
| 71 | 33.8 | 25.4 | 38.0 |

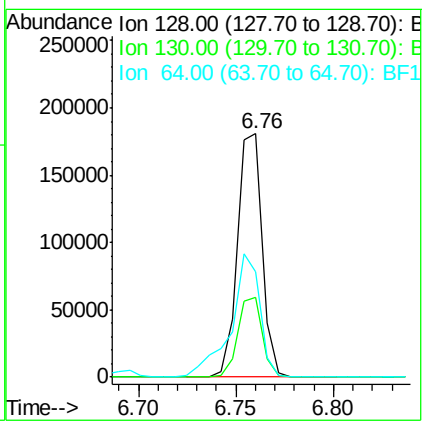


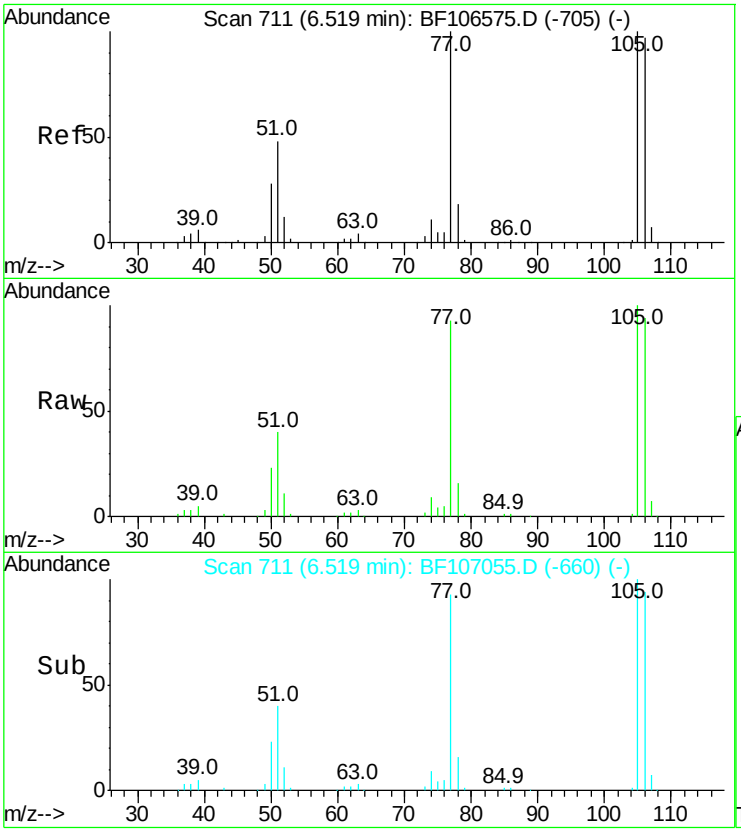




#8
2-Chlorophenol
Concen: 38.843 ng
RT: 6.76 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:128 Resp: 158621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 13.0 | 53.0 |
| 64 | 43.2 | 29.4 | 69.4 |

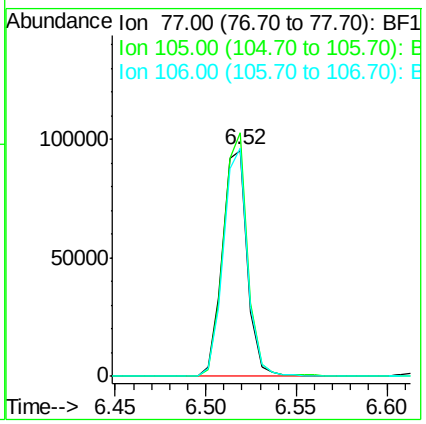




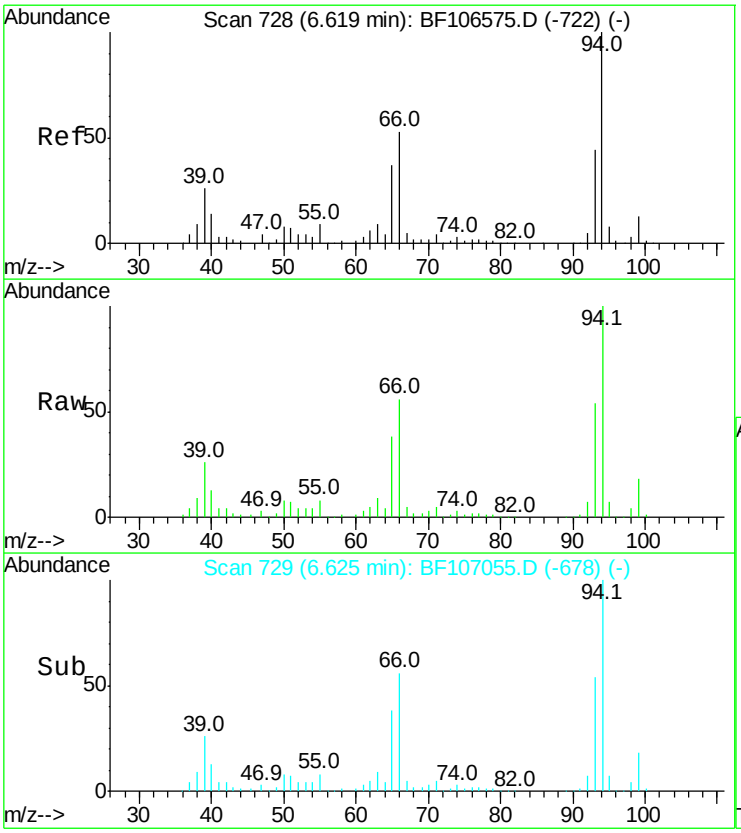

#9
Benzaldehyde
Concen: 26.353 ng
RT: 6.52 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion: 77 Resp: 91531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 107.7 | 81.1 | 121.1 |
| 106 | 100.8 | 74.5 | 114.5 |



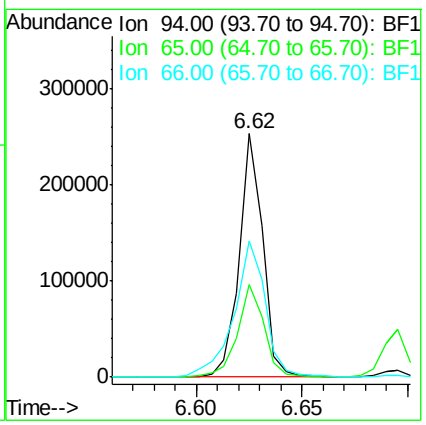

**Instrument :**
BNA_F
**ClientSampleId :**

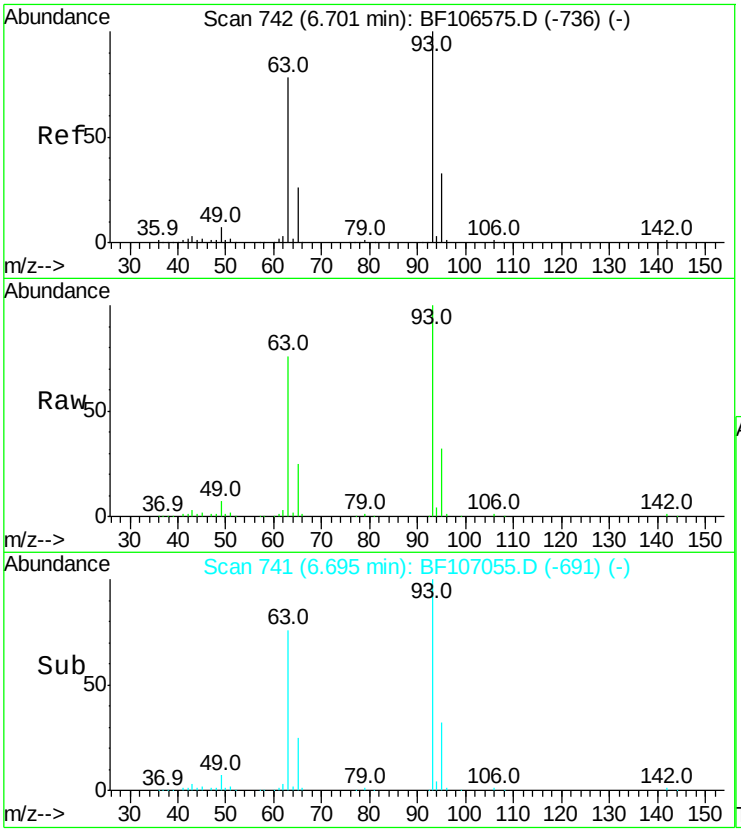



#10
Phenol
Concen: 36.547 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion: 94 Resp: 193928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 37.9 | 7.9 | 47.9 |
| 66 | 55.9 | 16.2 | 56.2 |



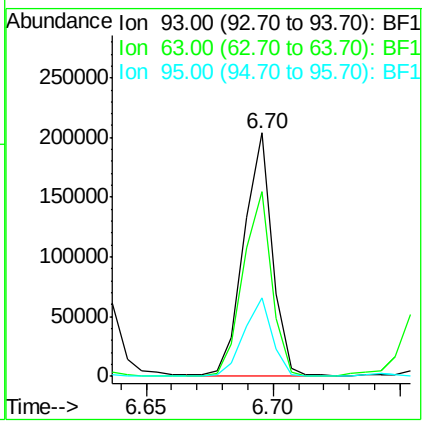


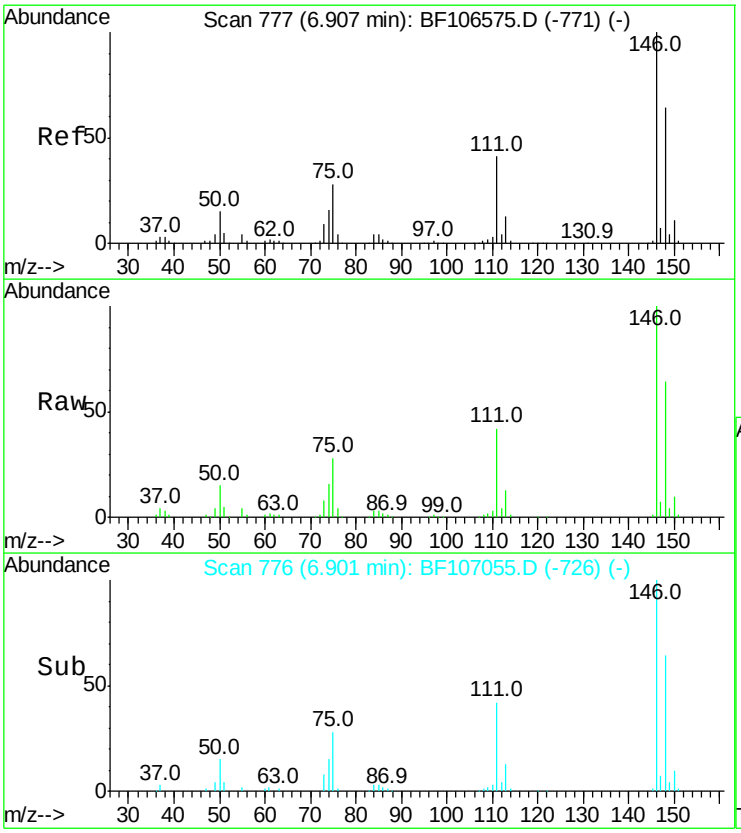

#11
bis(2-Chloroethyl)ether
Concen: 36.318 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion: 93 Resp: 159094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 75.8 | 58.6 | 98.6 |
| 95 | 32.0 | 11.8 | 51.8 |

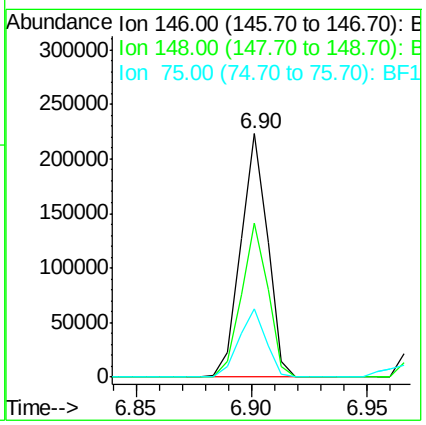


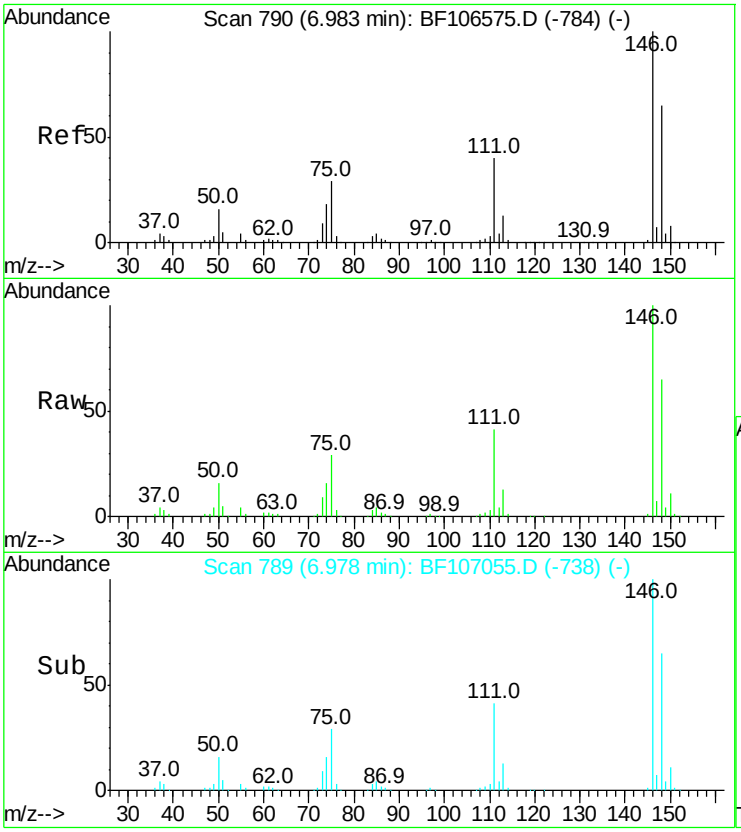




#12
1,3-Dichlorobenzene
Concen: 37.904 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:146 Resp: 181289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 51.8 | 77.8 |
| 75 | 27.9 | 24.2 | 36.4 |



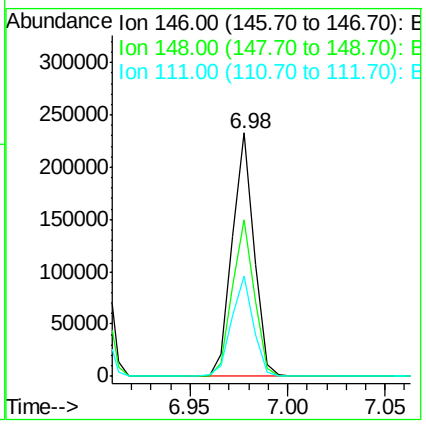


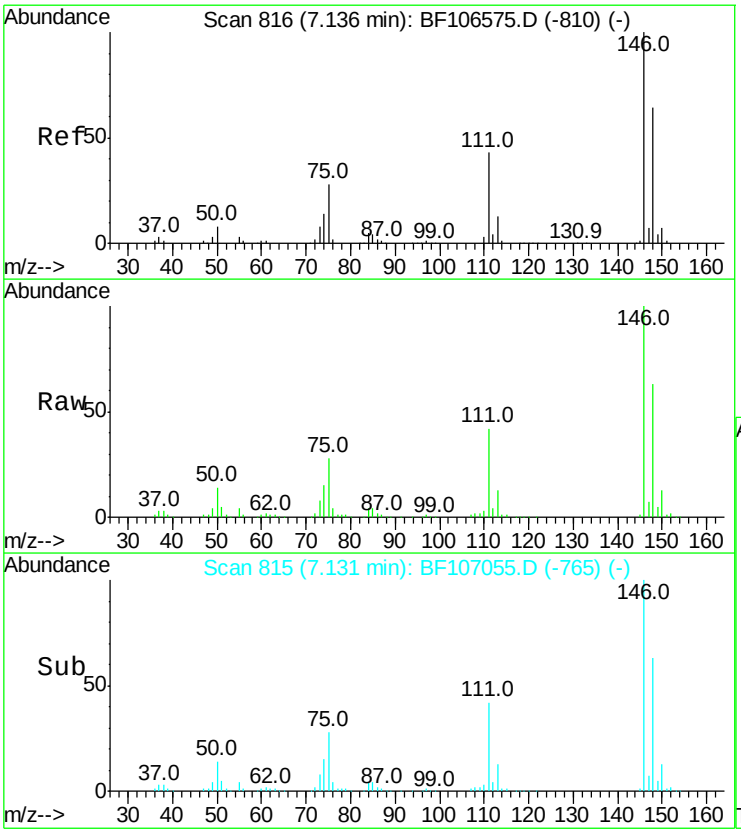

#13
1,4-Dichlorobenzene
Concen: 37.179 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:146 Resp: 179776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 50.8 | 76.2 |
| 111 | 41.0 | 34.2 | 51.2 |

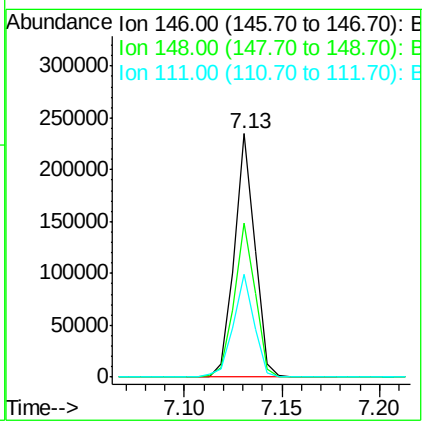


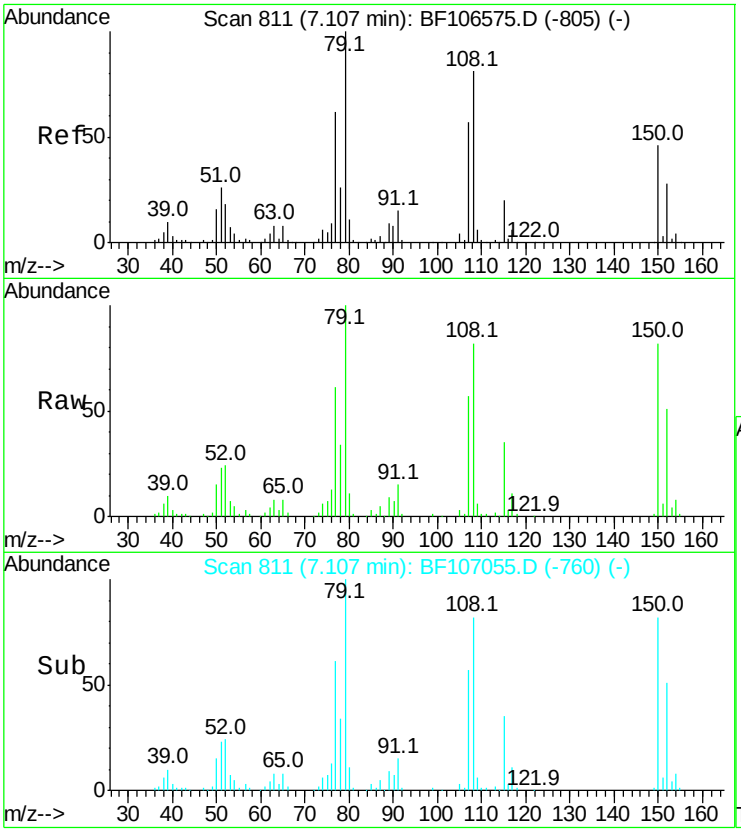




#14
1,2-Dichlorobenzene
Concen: 38.595 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:146 Resp: 171036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 50.6 | 75.8 |
| 111 | 42.3 | 36.0 | 54.0 |



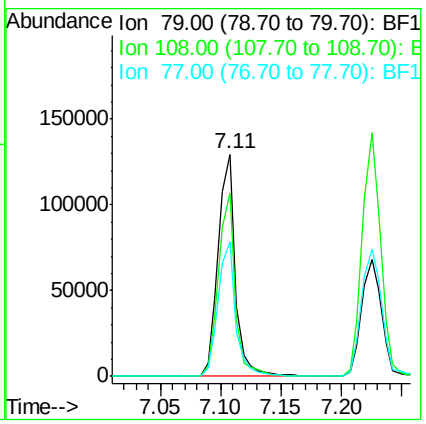


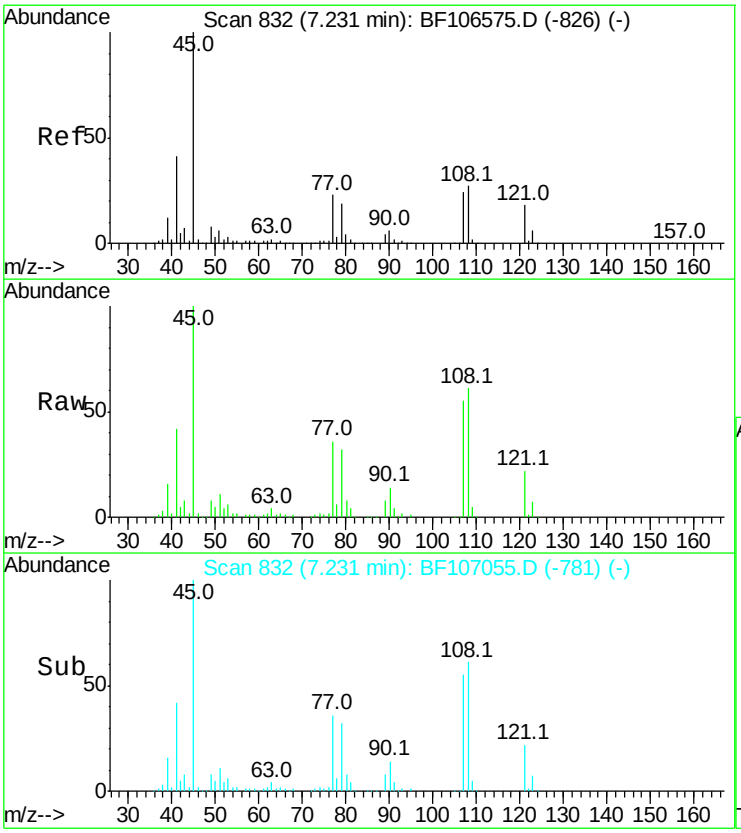

#15
Benzyl Alcohol
Concen: 34.124 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion: 79 Resp: 127397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 82.4 | 65.1 | 97.7 |
| 77 | 60.6 | 50.6 | 75.8 |

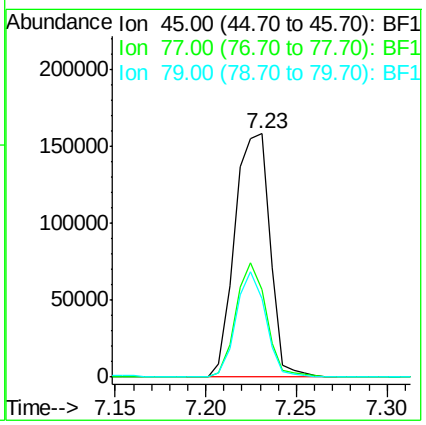


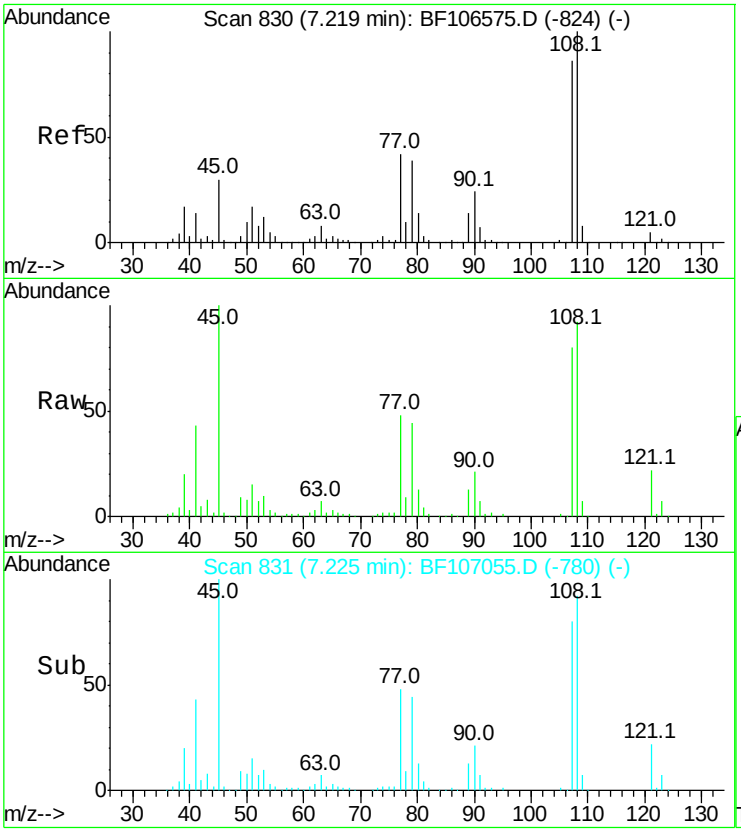




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.214 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion: 45 Resp: 213887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 36.0 | 0.0 | 32.9# |
| 79 | 32.0 | 0.0 | 29.6# |



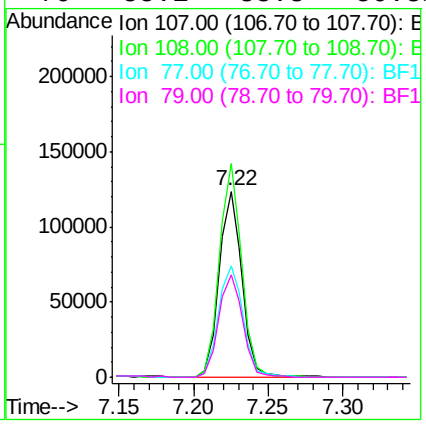


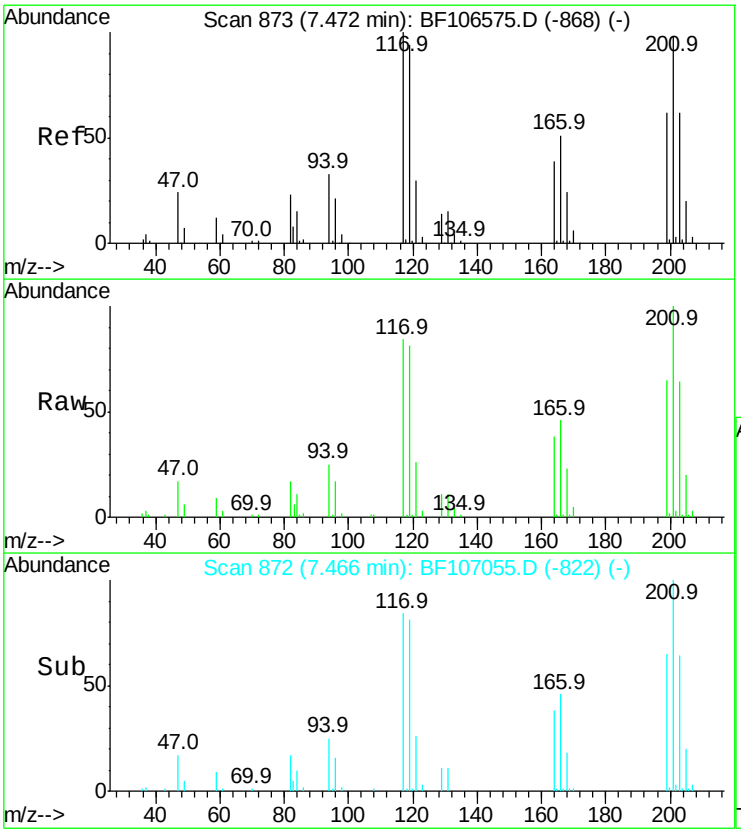

#17
2-Methylphenol
Concen: 38.250 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:107 Resp: 133670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.8 | 91.7 | 137.5 |
| 77 | 59.9 | 33.8 | 50.8# |
| 79 | 55.1 | 33.8 | 50.8# |

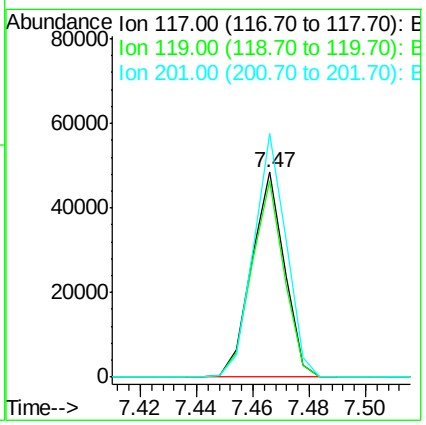


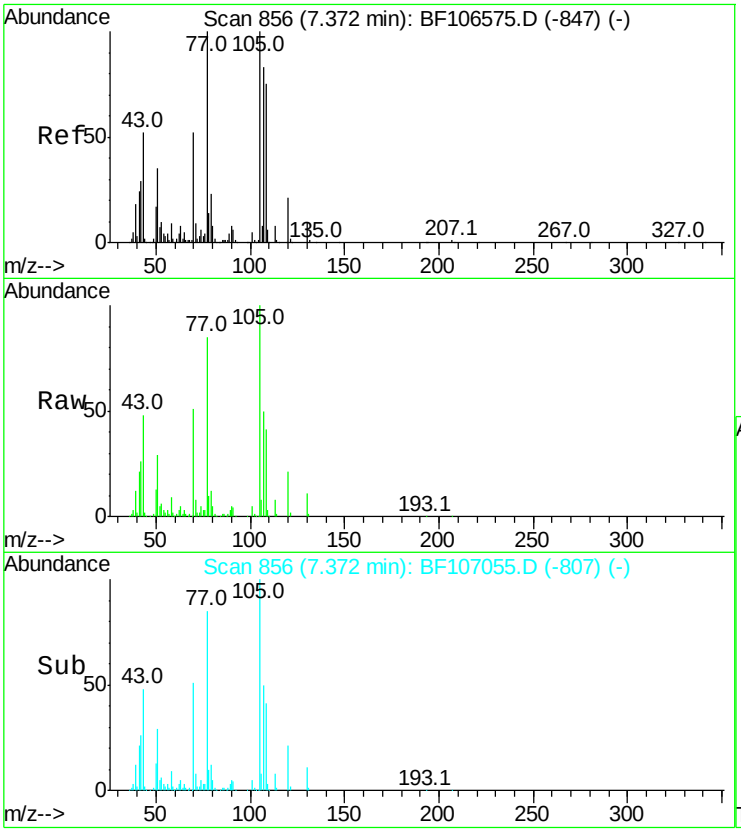




#18
Hexachloroethane
Concen: 23.071 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:117 Resp: 39231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.0 | 75.8 | 113.8 |
| 201 | 118.9 | 75.7 | 113.5# |



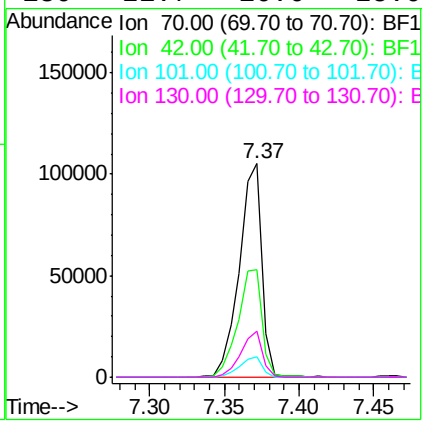


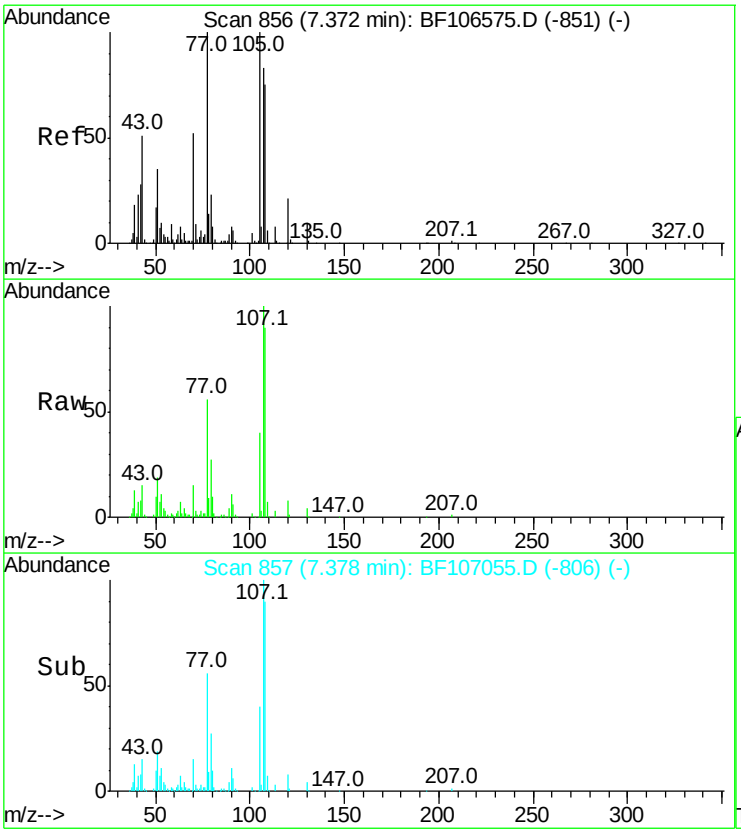

#19
n-Nitroso-di-n-propylamine
Concen: 36.052 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion: 70 Resp: 110493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.4 | 47.5 | 71.3 |
| 101 | 9.3 | 7.4 | 11.2 |
| 130 | 21.7 | 16.6 | 25.0 |

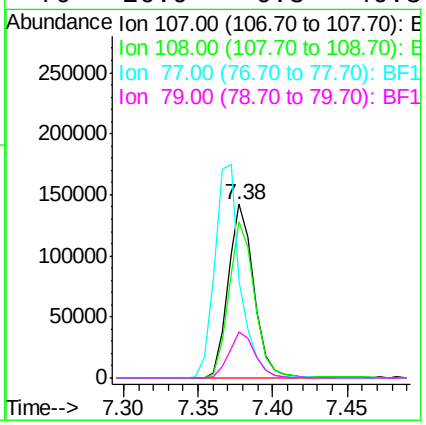


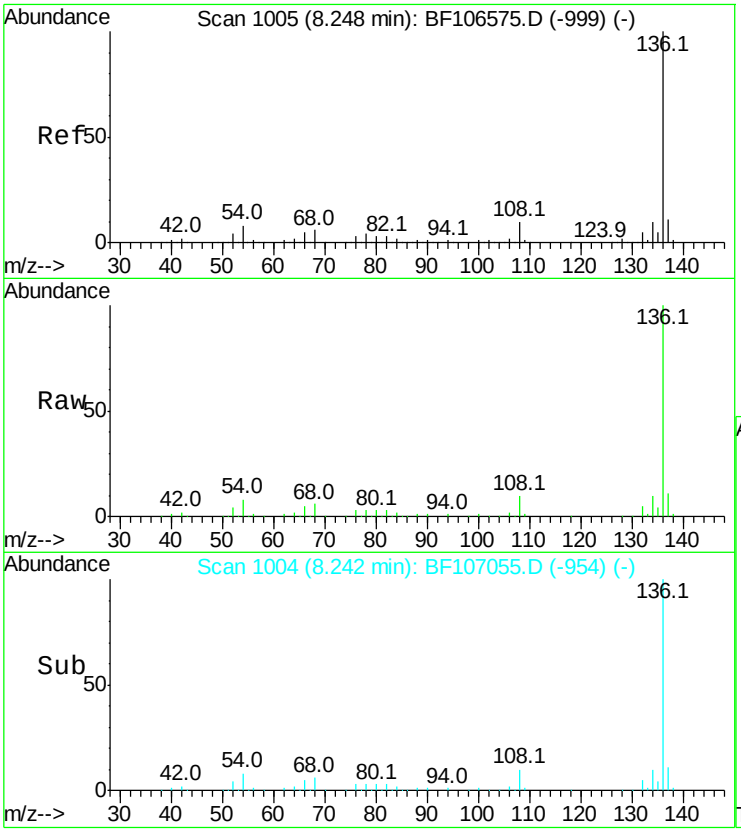




#20
3+4-Methylphenols
Concen: 46.426 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:107 Resp: 173585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.3 | 68.2 | 108.2 |
| 77 | 56.0 | 26.7 | 66.7 |
| 79 | 26.9 | 6.3 | 46.3 |



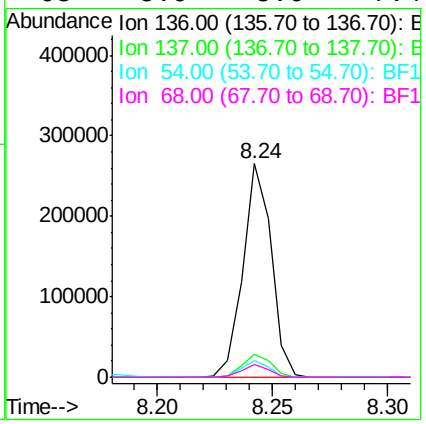


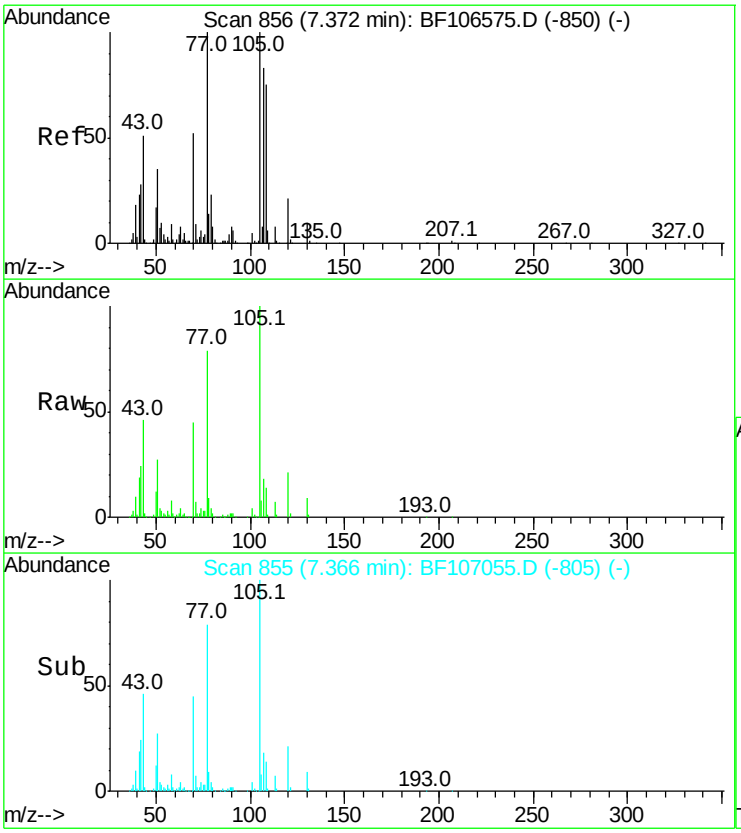

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:136 Resp: 228119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.9 | 13.3 |
| 54 | 7.7 | 6.6 | 9.8 |
| 68 | 5.9 | 5.0 | 7.4 |

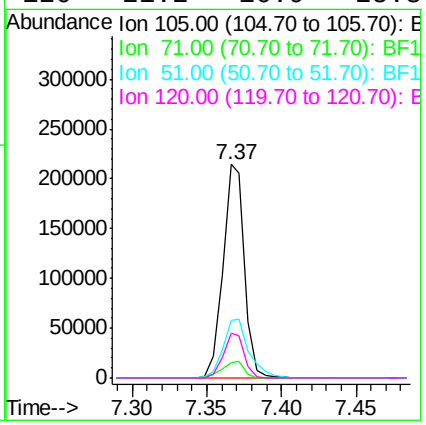


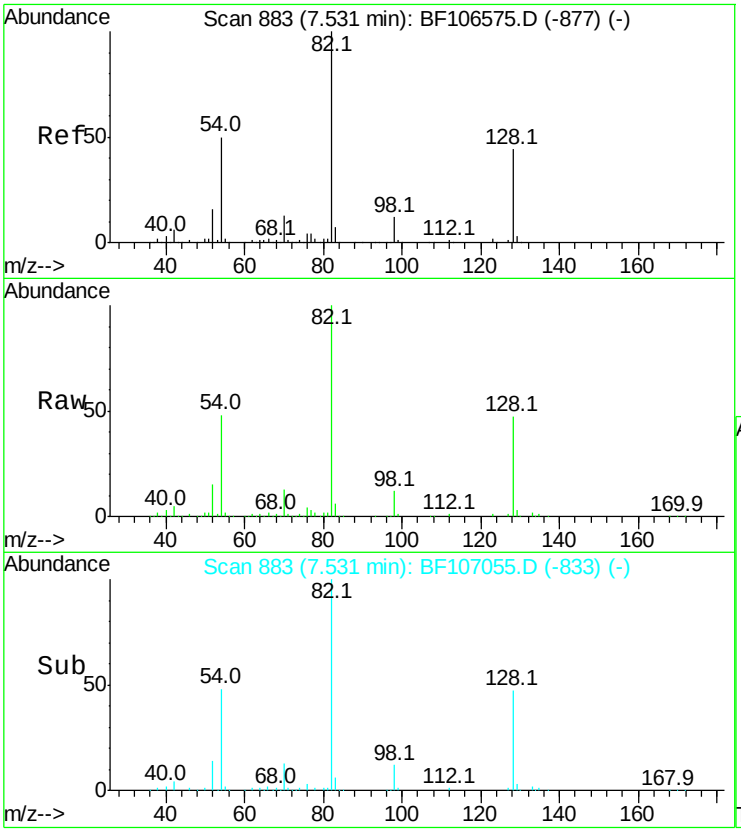




#22
Acetophenone
Concen: 42.643 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:105 Resp: 217632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.5 | 4.4 | 6.6# |
| 51 | 27.1 | 22.3 | 33.5 |
| 120 | 21.2 | 16.9 | 25.3 |



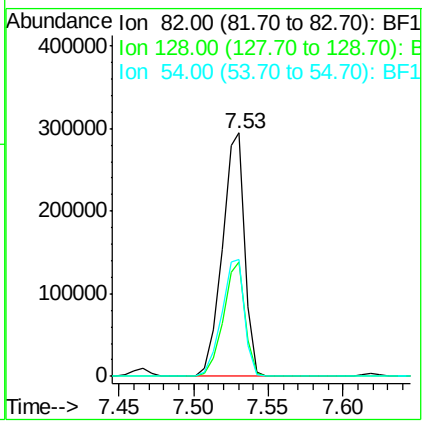


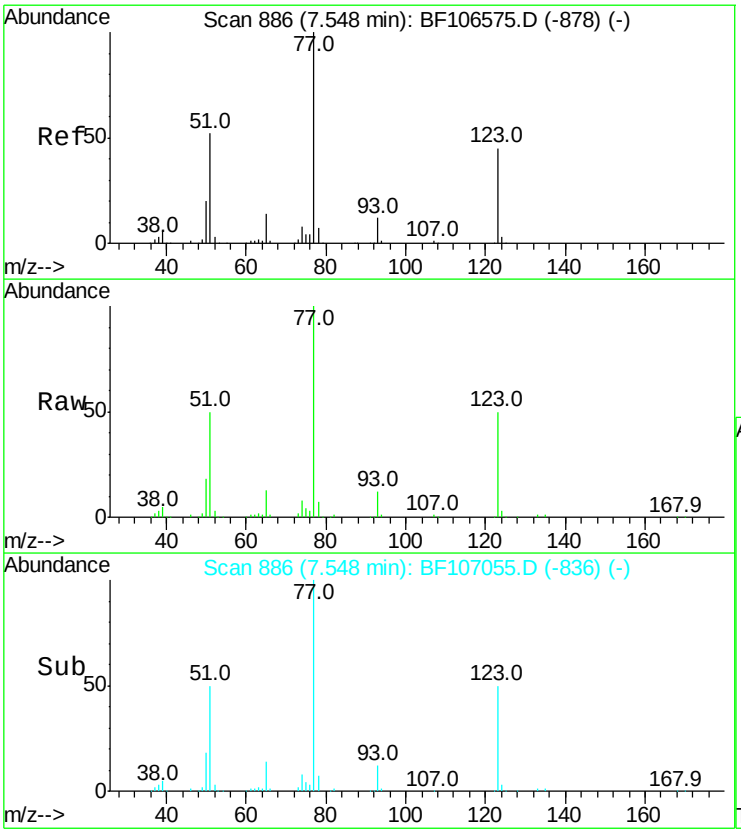

#23
Nitrobenzene-d5
Concen: 76.336 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion: 82 Resp: 313344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.8 | 36.1 | 54.1 |
| 54 | 48.0 | 41.4 | 62.2 |

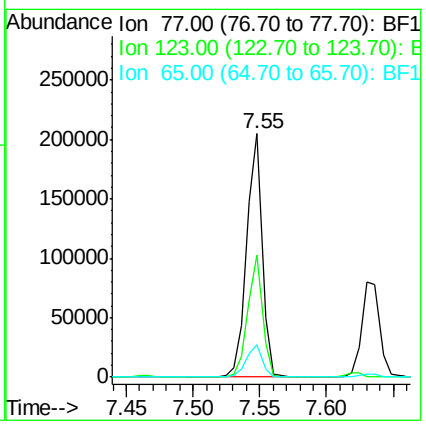


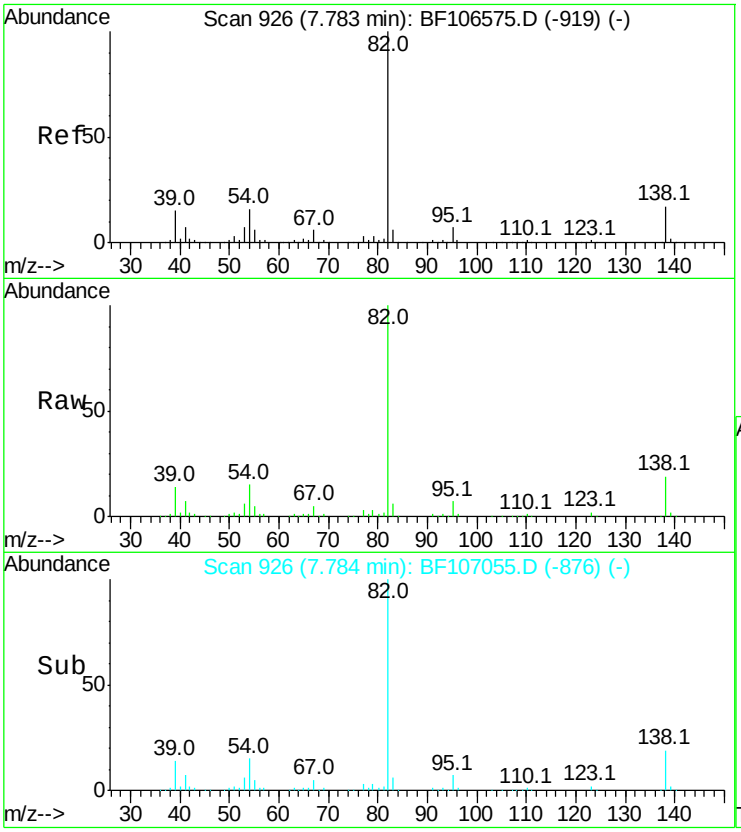




#24
Nitrobenzene
Concen: 39.150 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion: 77 Resp: 164071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.9 | 37.9 | 56.9 |
| 65 | 13.4 | 11.0 | 16.4 |



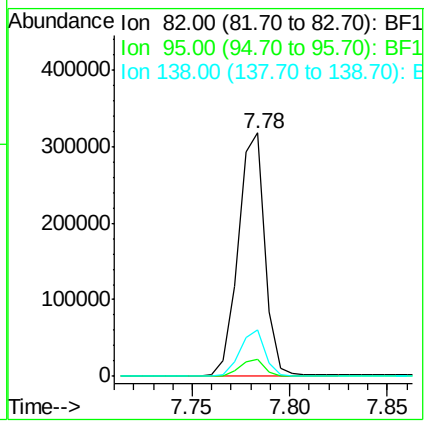


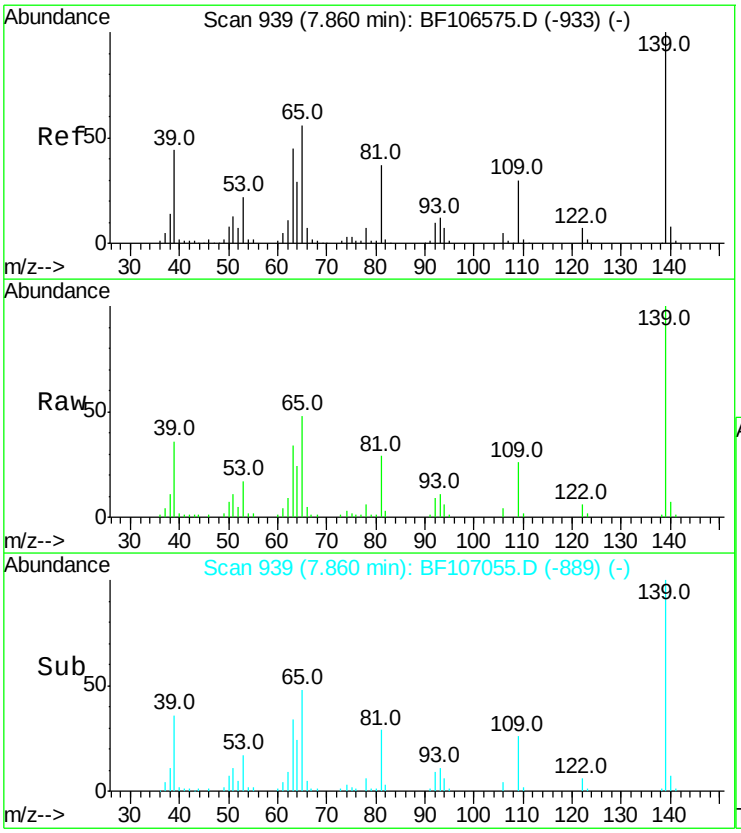

#25
Isophorone
Concen: 41.736 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion: 82 Resp: 301888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.2 | 7.8 |
| 138 | 19.3 | 14.9 | 22.3 |

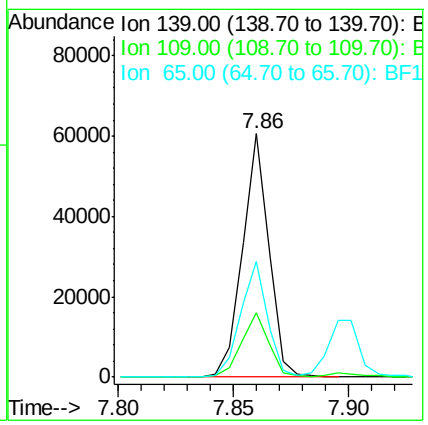


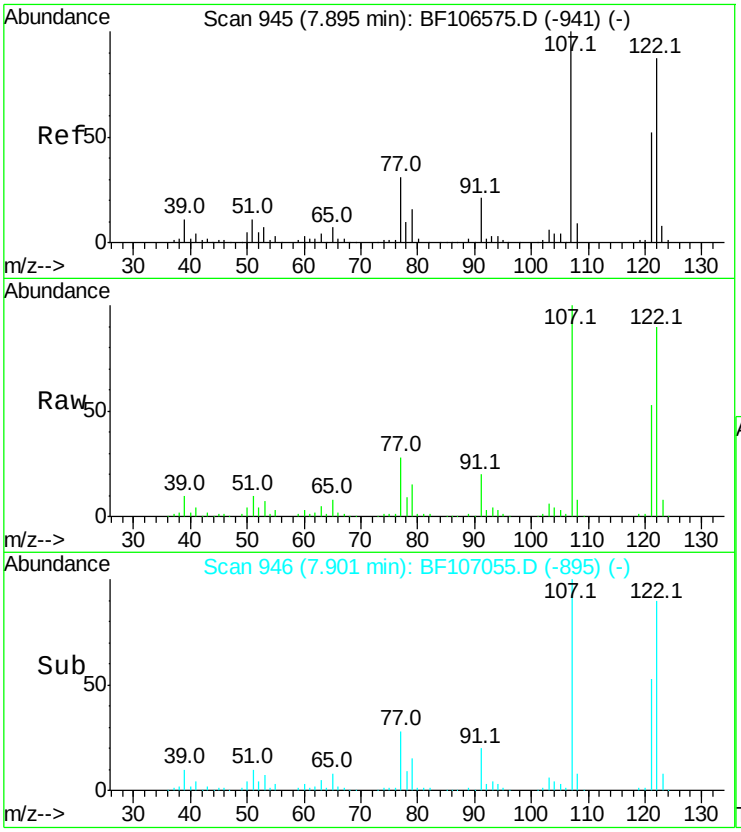




#26
2-Nitrophenol
Concen: 24.460 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:139 Resp: 48390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.5 | 22.7 | 34.1 |
| 65 | 47.6 | 40.5 | 60.7 |



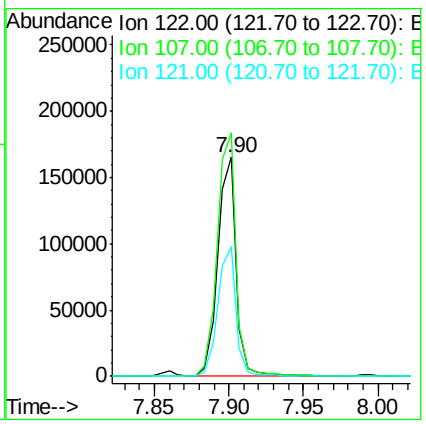


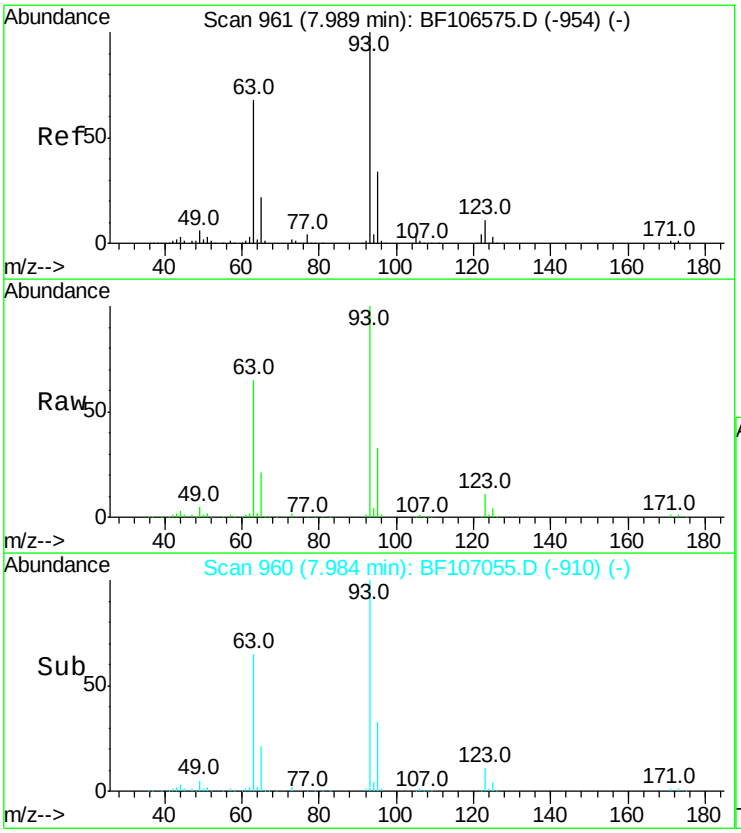

#27
2,4-Dimethylphenol
Concen: 47.024 ng
RT: 7.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:122 Resp: 143794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.3 | 91.2 | 136.8 |
| 121 | 59.2 | 47.2 | 70.8 |

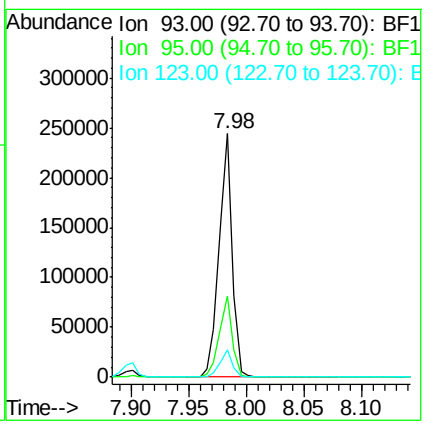


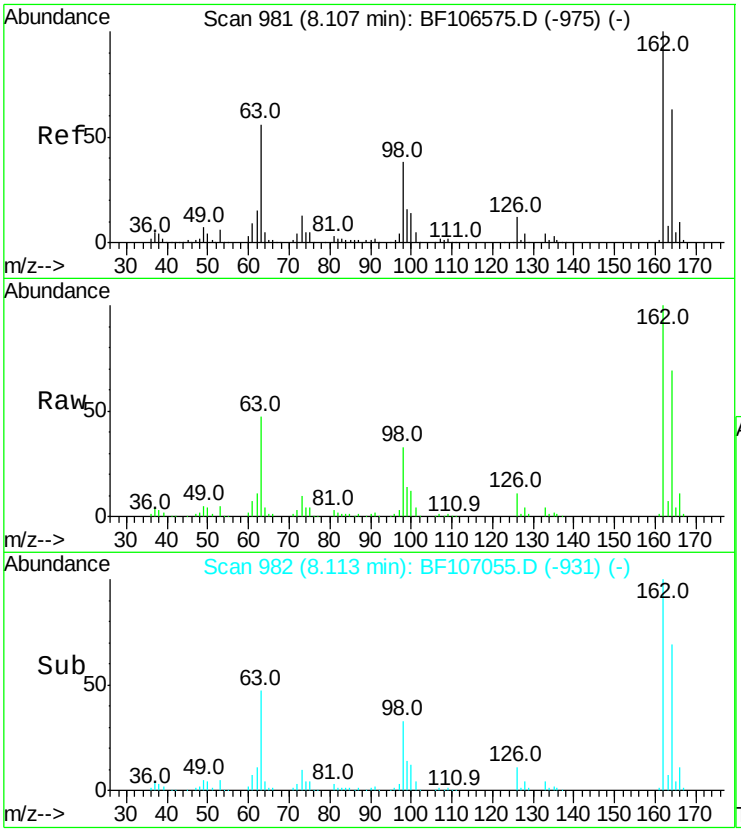




#28
bis(2-Chloroethoxy)methane
Concen: 40.384 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion: 93 Resp: 196127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.2 | 26.3 | 39.5 |
| 123 | 11.2 | 9.8 | 14.6 |



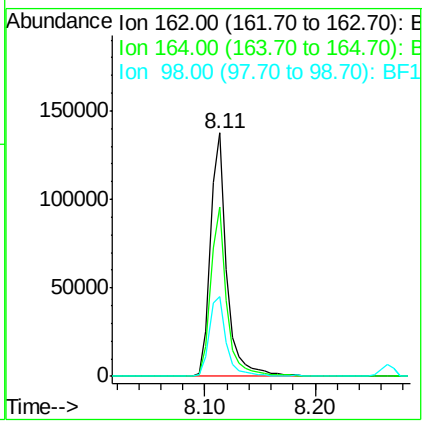


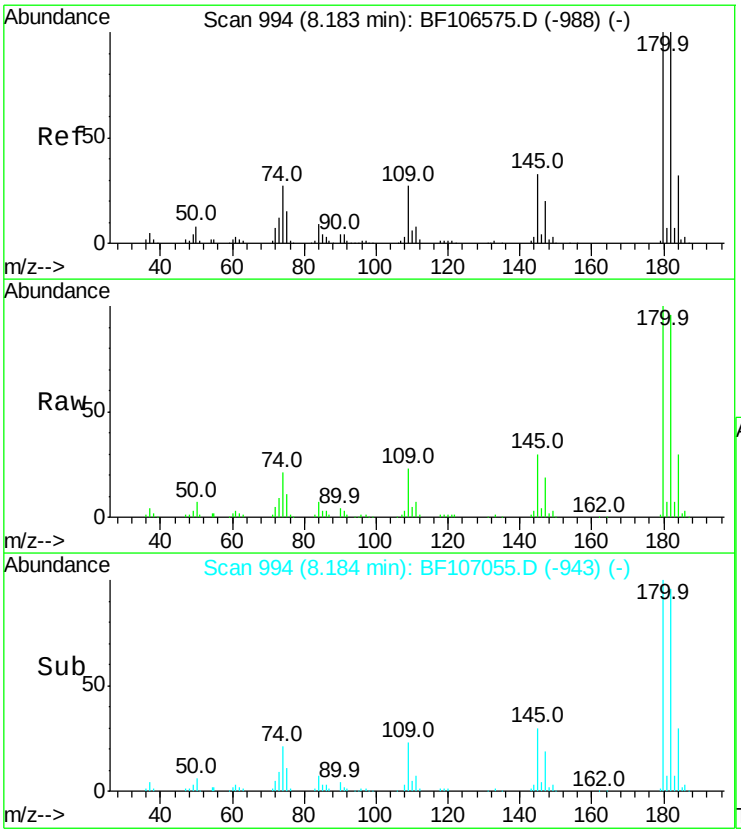

#29
2,4-Dichlorophenol
Concen: 43.220 ng
RT: 8.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:162 Resp: 138364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 69.4 | 42.7 | 82.7 |
| 98 | 32.6 | 18.1 | 58.1 |

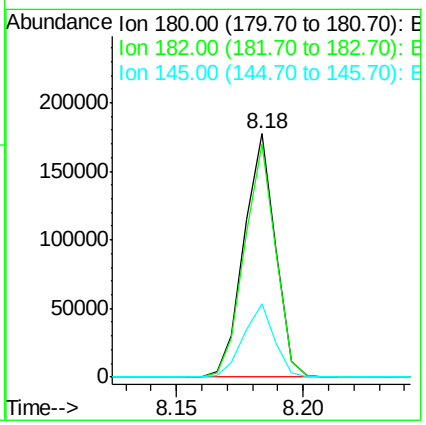


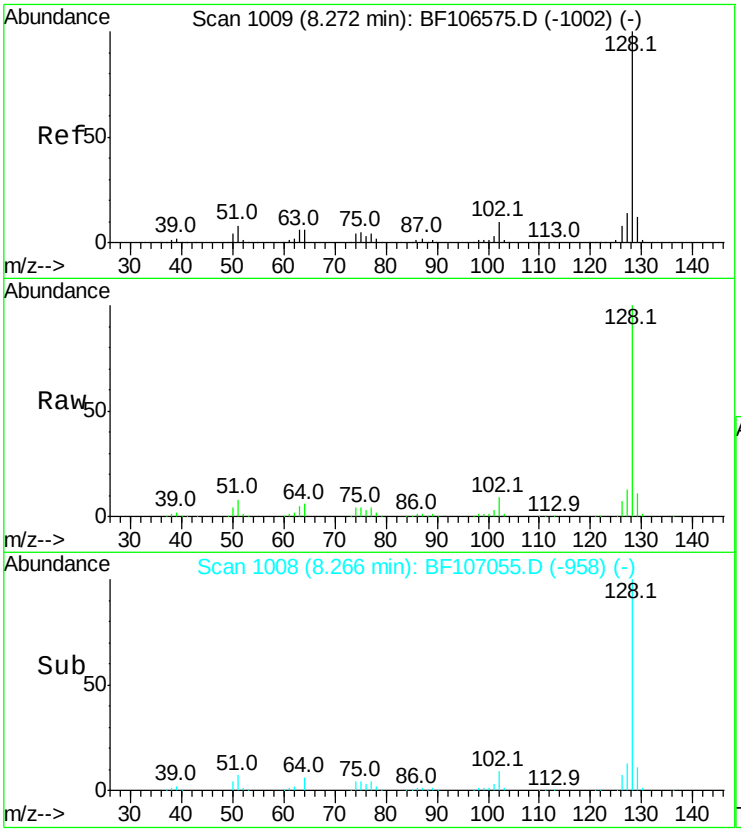




#30
1,2,4-Trichlorobenzene
Concen: 43.283 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:180 Resp: 152647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 76.8 | 115.2 |
| 145 | 30.1 | 26.5 | 39.7 |



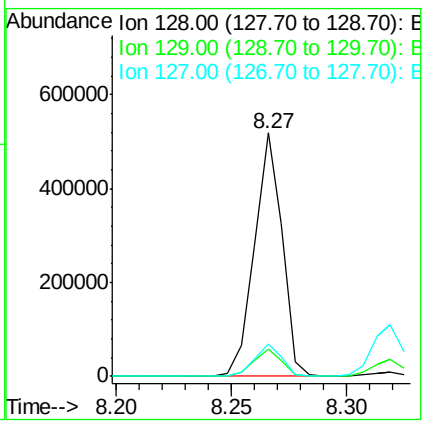


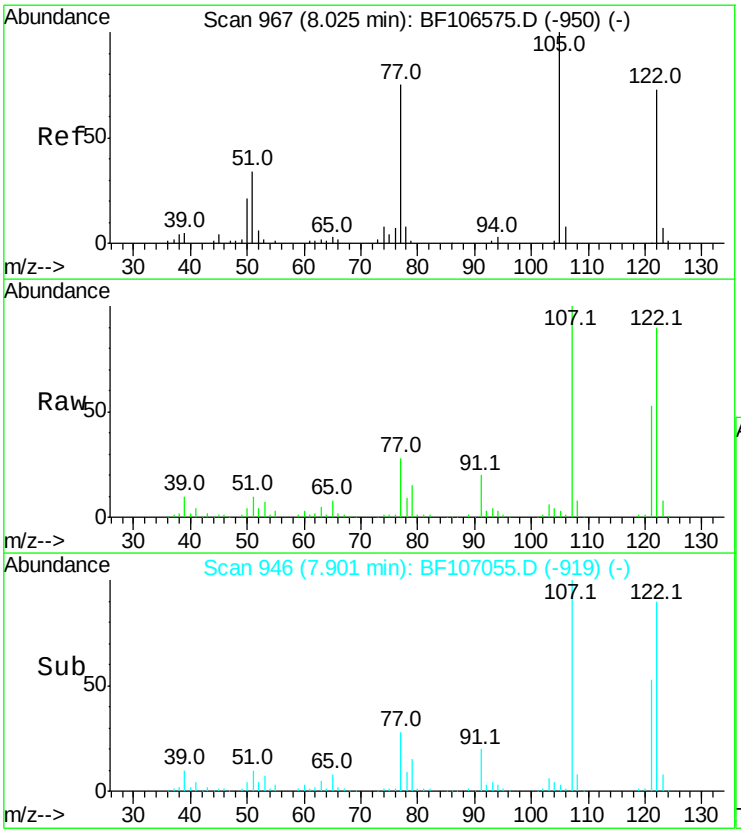

#31
Naphthalene
Concen: 40.660 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:128 Resp: 433651

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

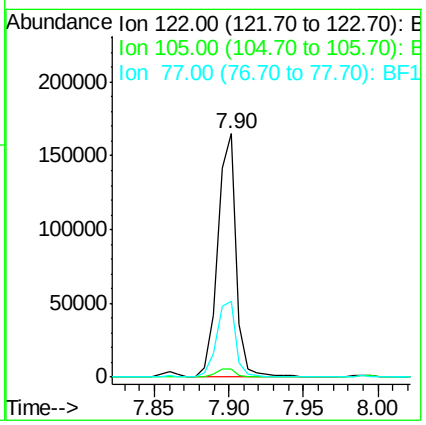


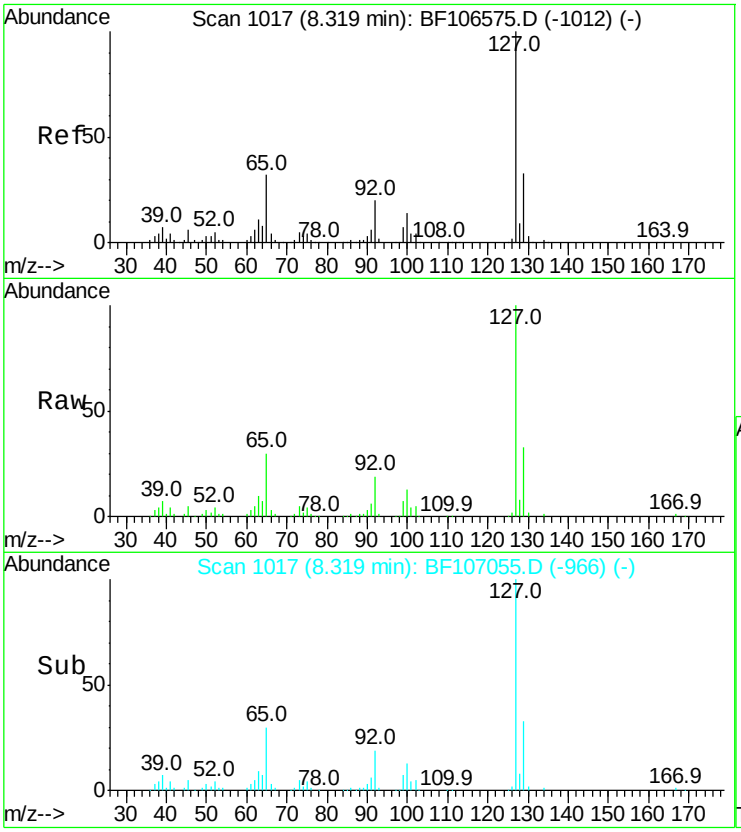




#32
Benzoic acid
Concen: 62.660 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.14 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:122 Resp: 143794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 3.2 | 101.1 | 141.1# |
| 77 | 30.9 | 70.7 | 110.7# |



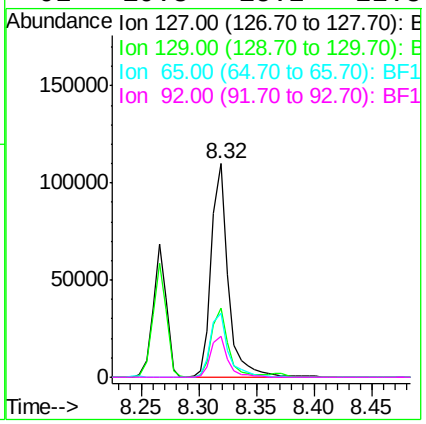


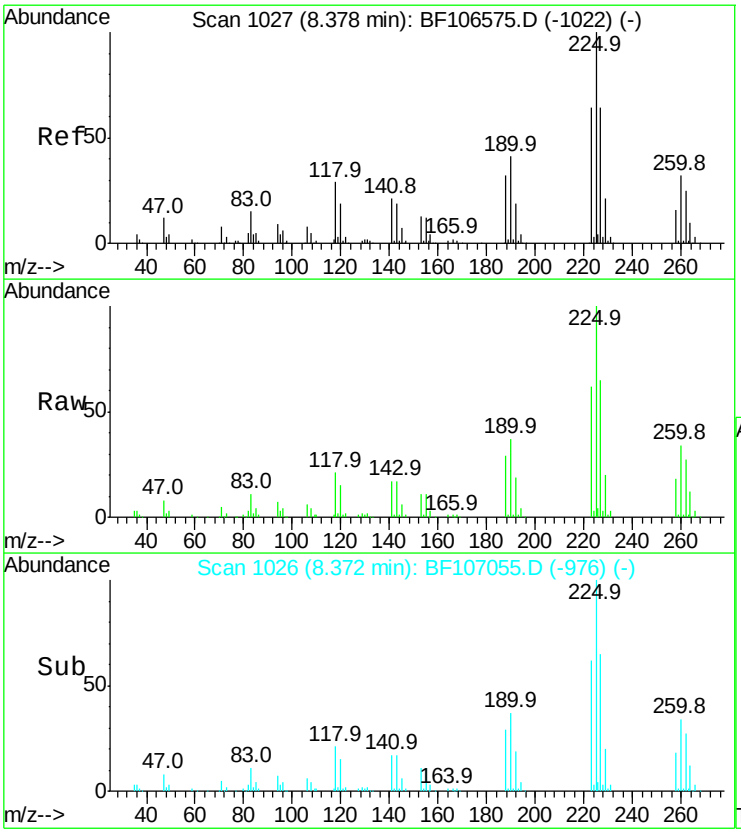

#33
4-Chloroaniline
Concen: 25.159 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:127 Resp: 112587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 25.9 | 38.9 |
| 65 | 30.0 | 25.0 | 37.4 |
| 92 | 19.3 | 15.2 | 22.8 |

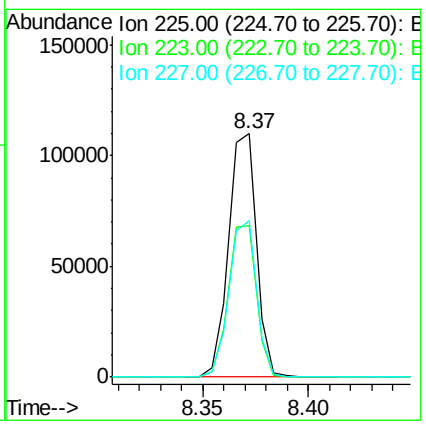


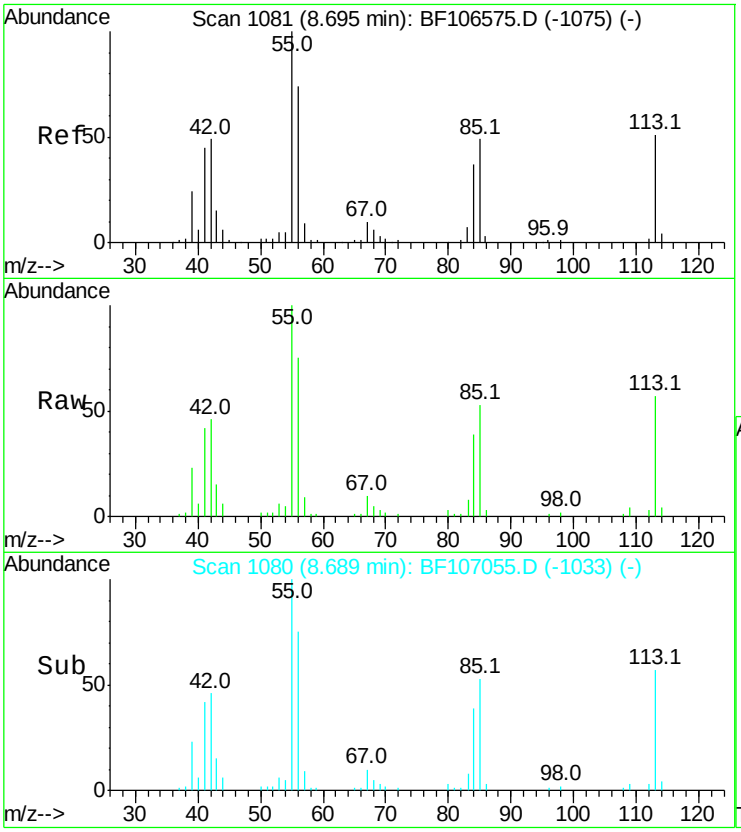




#34
Hexachlorobutadiene
Concen: 43.454 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:225 Resp: 99858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.3 | 50.6 | 76.0 |
| 227 | 64.5 | 51.9 | 77.9 |



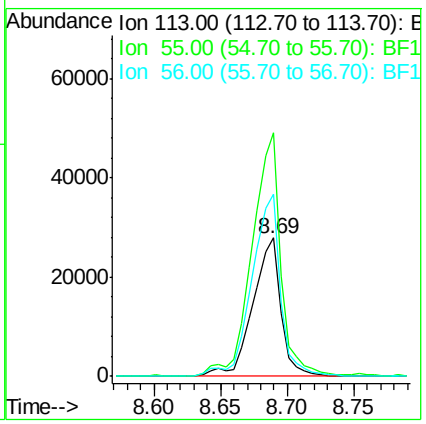


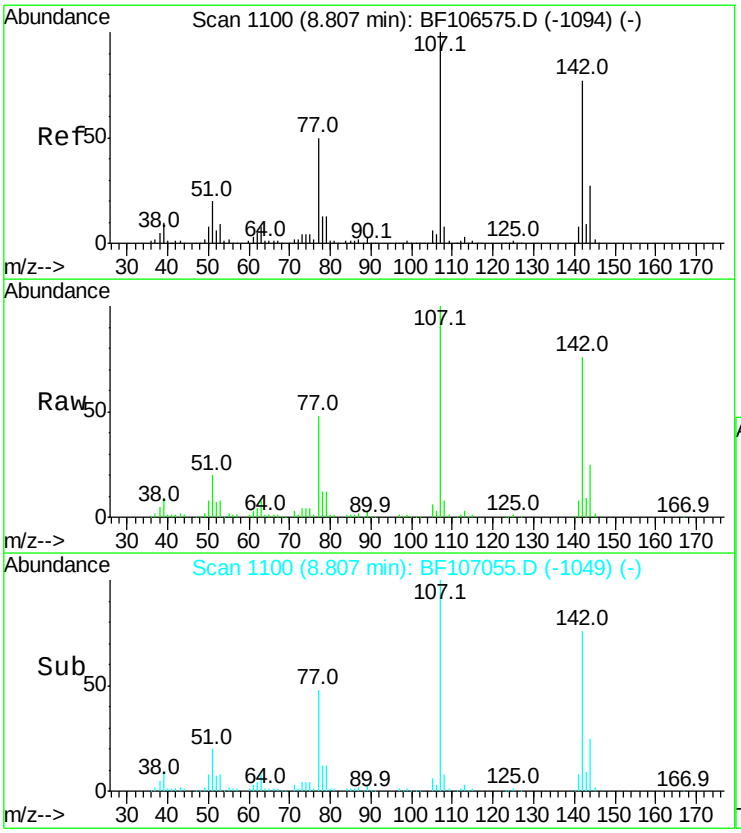

#35
Caprolactam
Concen: 38.633 ng
RT: 8.69 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:113 Resp: 40316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 175.7 | 163.3 | 203.3 |
| 56 | 131.6 | 115.7 | 155.7 |

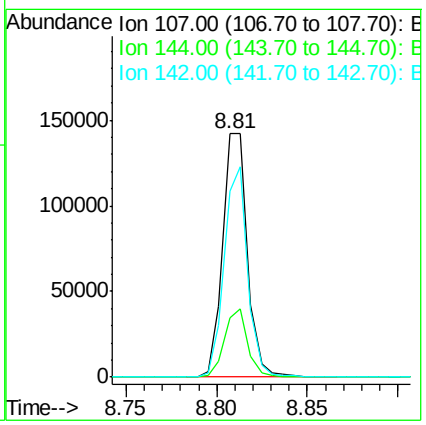


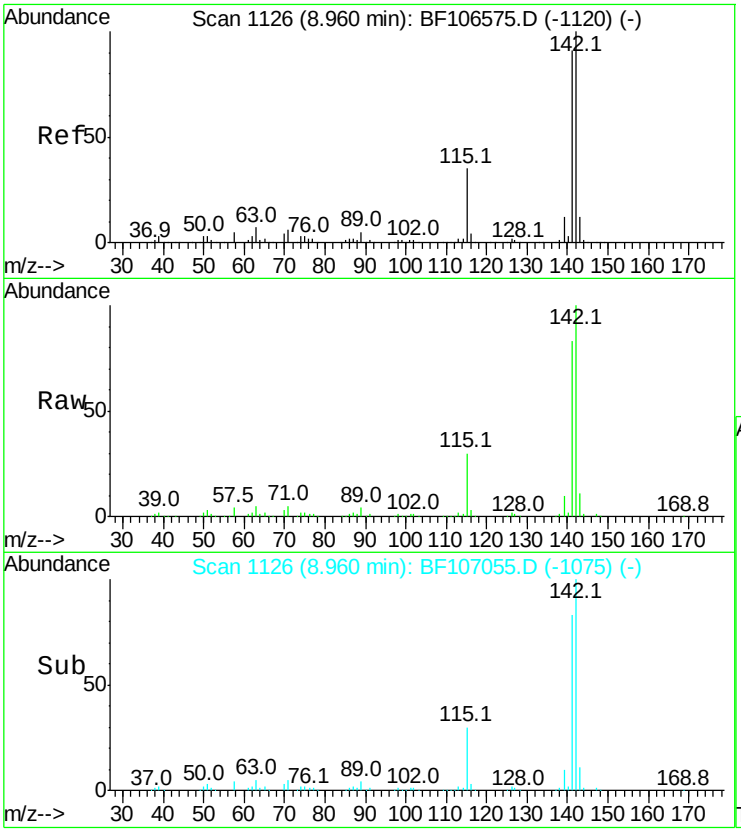




#36
4-Chloro-3-methylphenol
Concen: 40.391 ng
RT: 8.81 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:107 Resp: 136106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.6 | 20.5 | 30.7 |
| 142 | 76.4 | 62.0 | 93.0 |



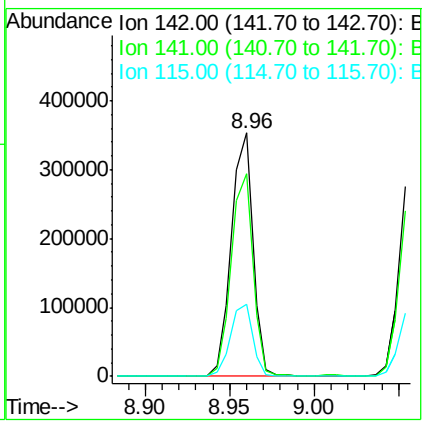


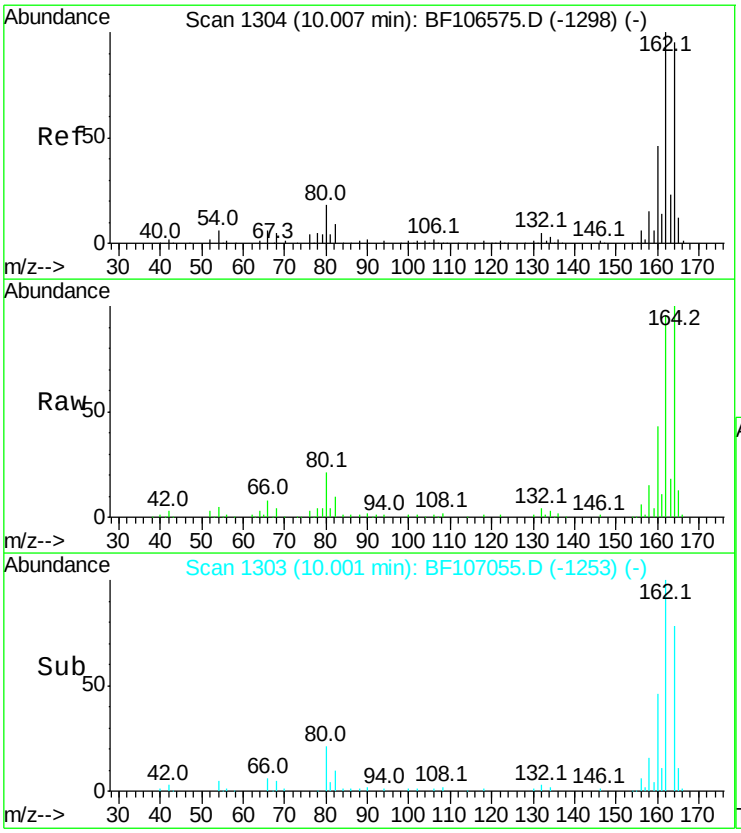

#37
2-Methylnaphthalene
Concen: 44.503 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:142 Resp: 314600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 83.4 | 70.8 | 106.2 |
| 115 | 29.8 | 26.1 | 39.1 |

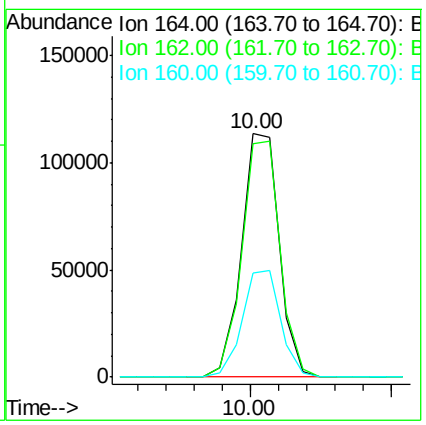


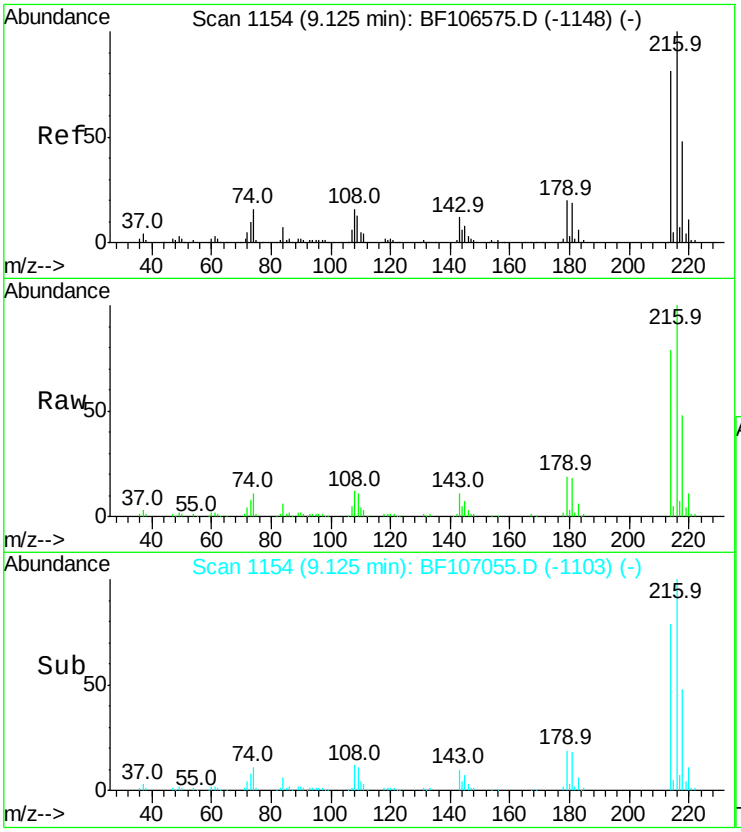




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:164 Resp: 104298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.6 | 86.1 | 129.1 |
| 160 | 42.7 | 38.3 | 57.5 |



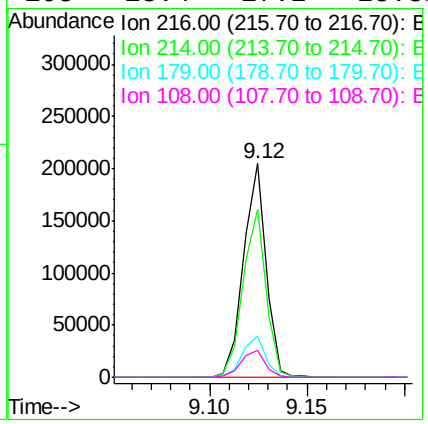


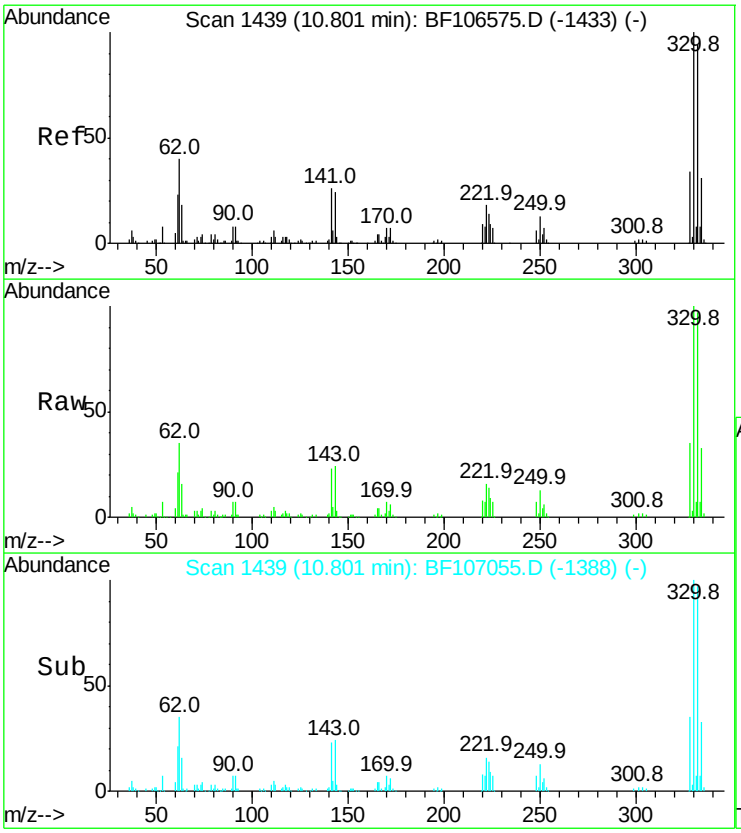

#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.893 ng
RT: 9.12 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:216 Resp: 164707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.3 | 63.0 | 94.4 |
| 179 | 19.4 | 18.1 | 27.1 |
| 108 | 13.4 | 17.2 | 25.8# |

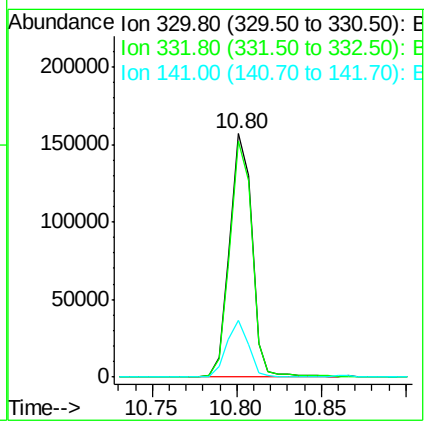


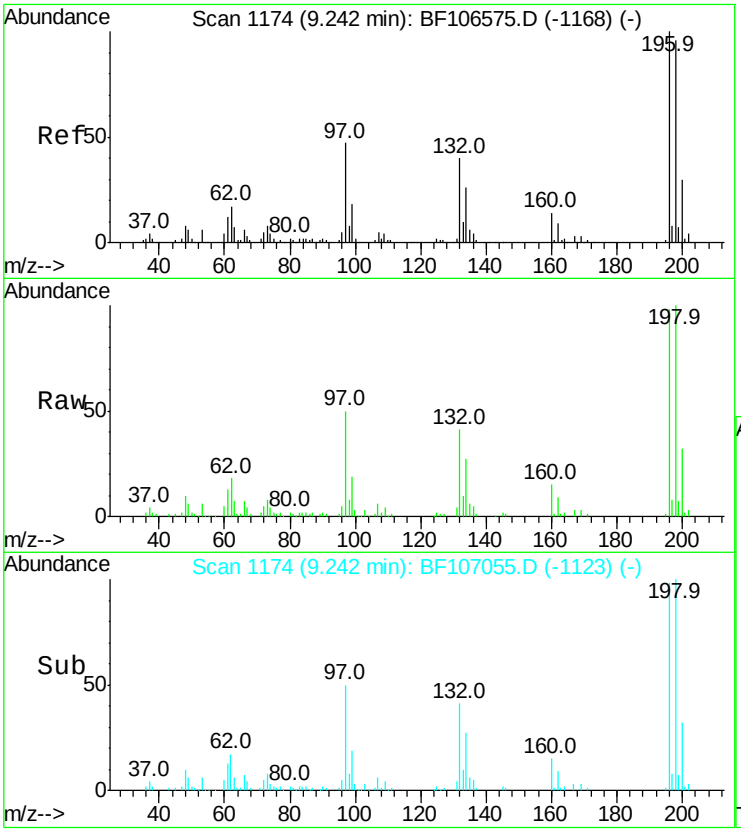




#41
2,4,6-Tribromophenol
Concen: 119.619 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:330 Resp: 144601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.0 | 115.6 |
| 141 | 22.6 | 29.9 | 44.9# |



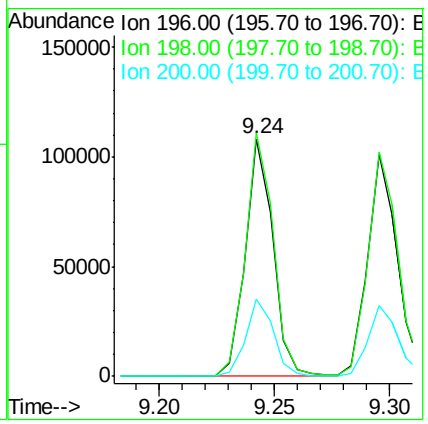


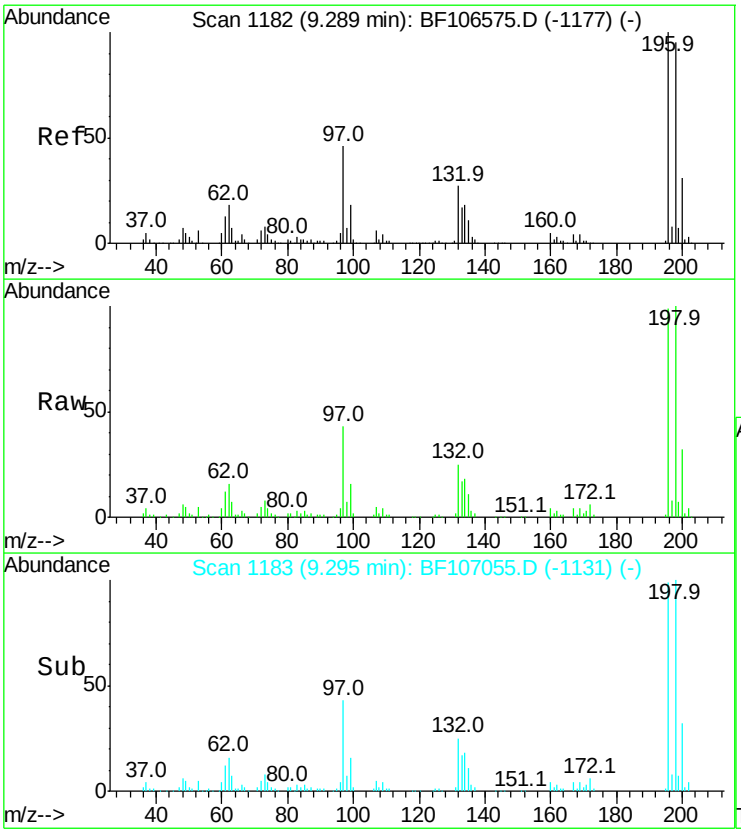

#42
2,4,6-Trichlorophenol
Concen: 39.156 ng
RT: 9.24 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:196 Resp: 91421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.5 | 75.7 | 113.5 |
| 200 | 32.5 | 24.5 | 36.7 |

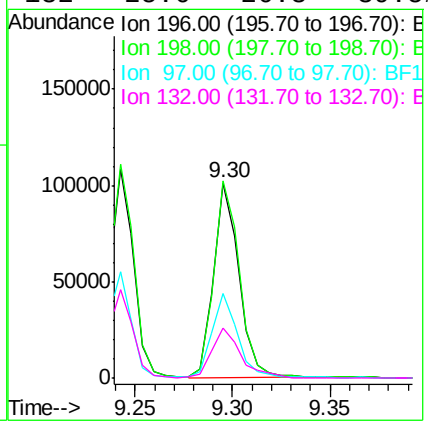


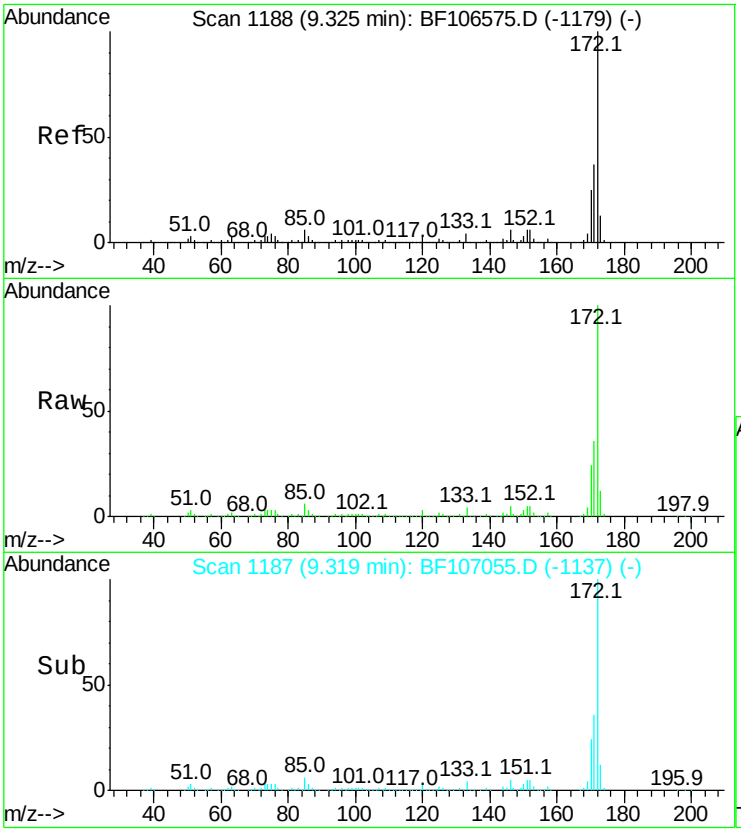




#43
2,4,5-Trichlorophenol
Concen: 37.314 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:196 Resp: 90906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.0 | 74.6 | 112.0 |
| 97 | 43.4 | 42.9 | 64.3 |
| 132 | 25.6 | 26.3 | 39.5# |



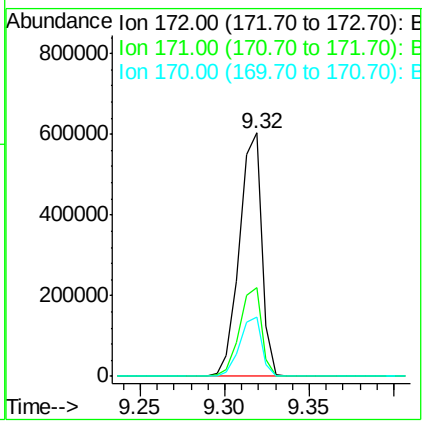


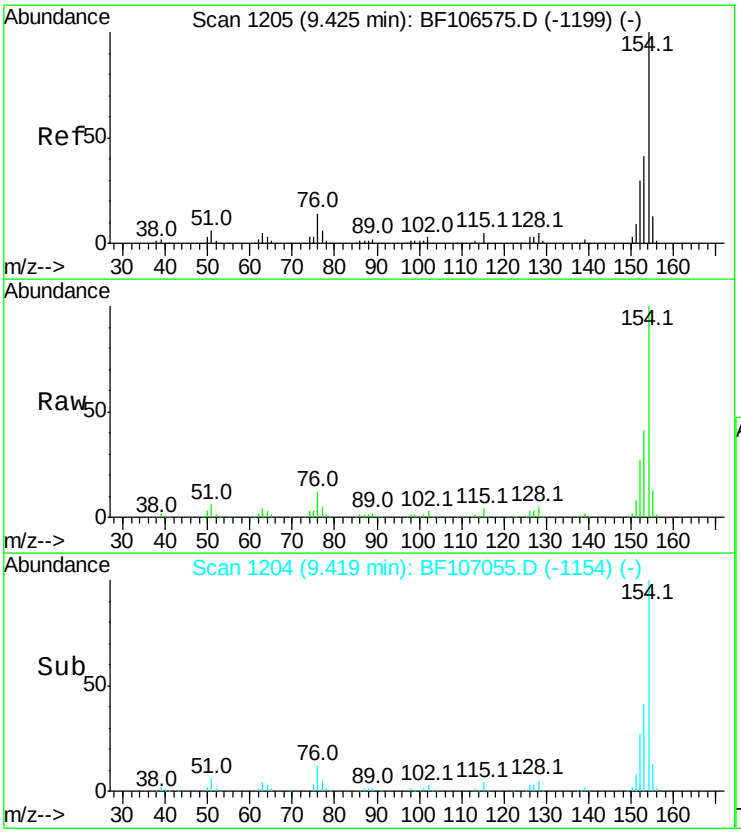

#44
2-Fluorobiphenyl
Concen: 91.495 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:172 Resp: 556838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 29.7 | 44.5 |
| 170 | 24.2 | 19.6 | 29.4 |

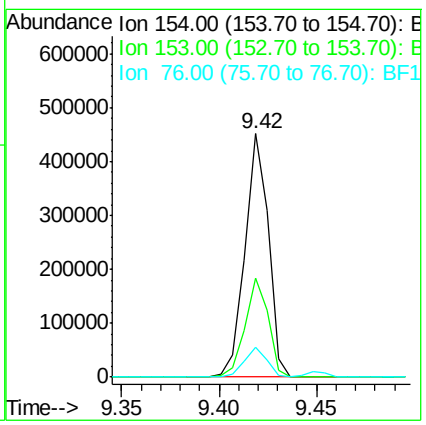


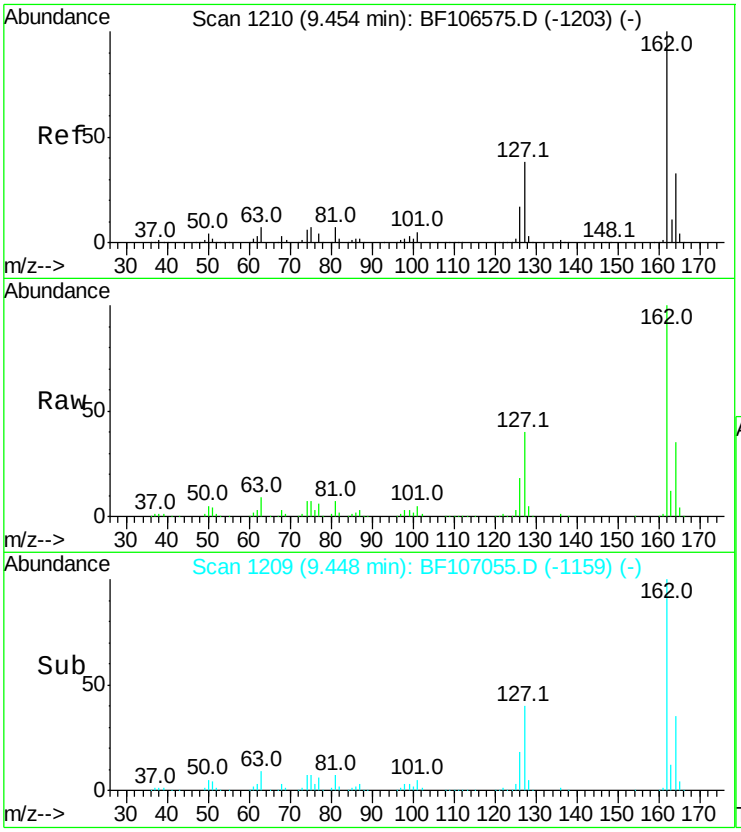




#45
1,1'-Biphenyl
Concen: 45.078 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:154 Resp: 374691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.6 | 21.3 | 61.3 |
| 76 | 12.4 | 0.0 | 34.0 |

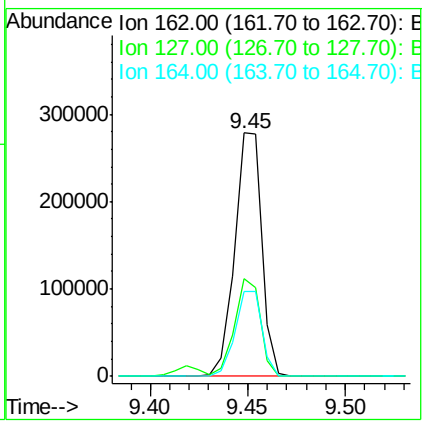




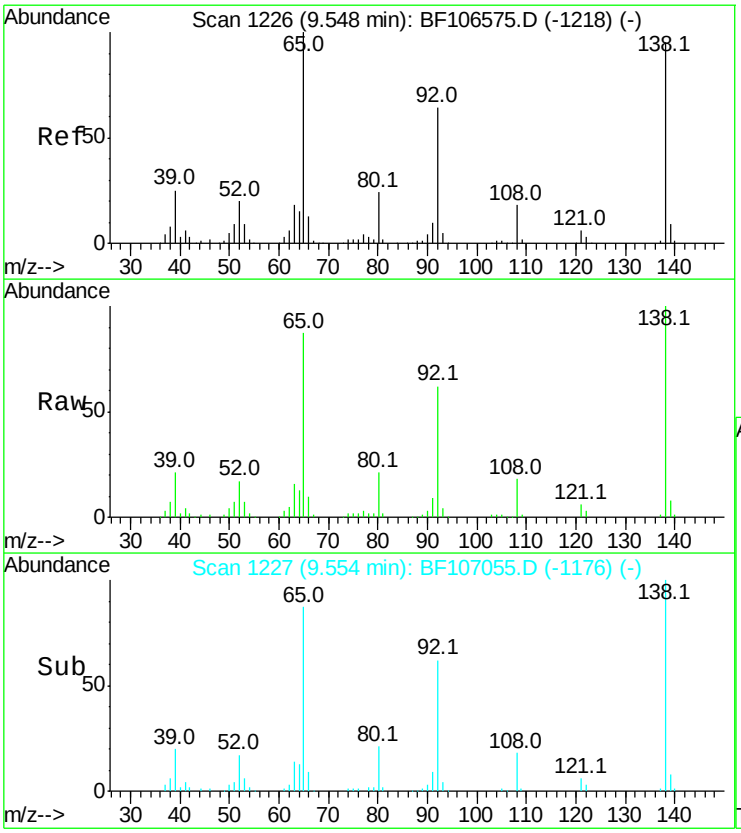

#46
2-Chloronaphthalene
Concen: 40.835 ng
RT: 9.45 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:162 Resp: 267173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.3 | 33.9 | 50.9 |
| 164 | 34.6 | 26.5 | 39.7 |



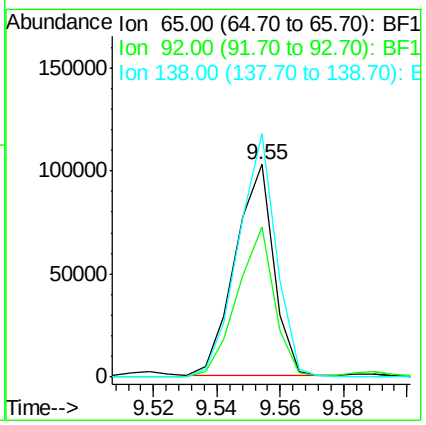

**Instrument :**
BNA_F
**ClientSampleId :**

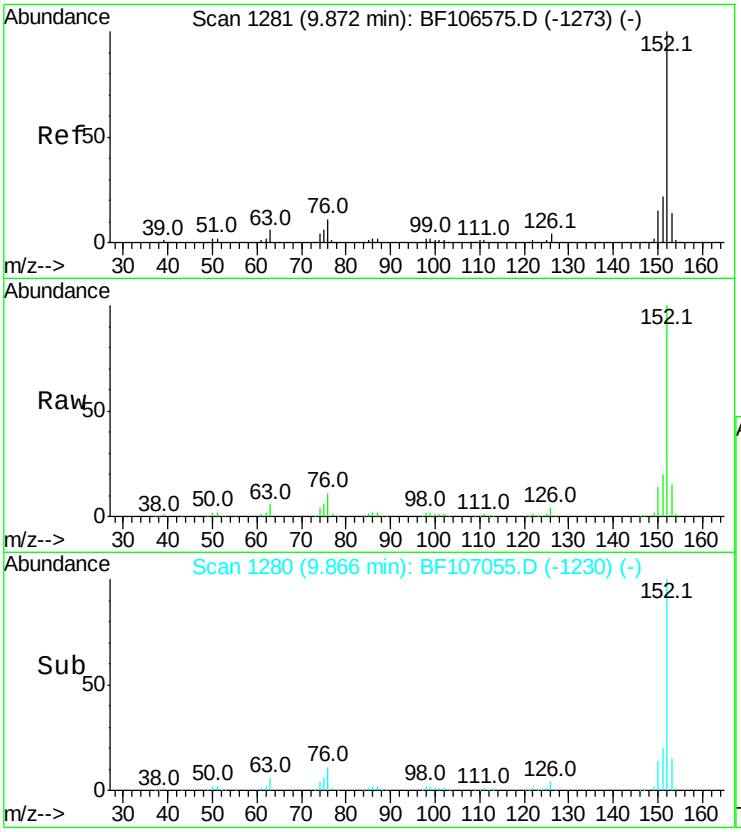



#47
2-Nitroaniline
Concen: 39.026 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion: 65 Resp: 85862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.7 | 55.8 | 83.6 |
| 138 | 114.7 | 91.2 | 136.8 |



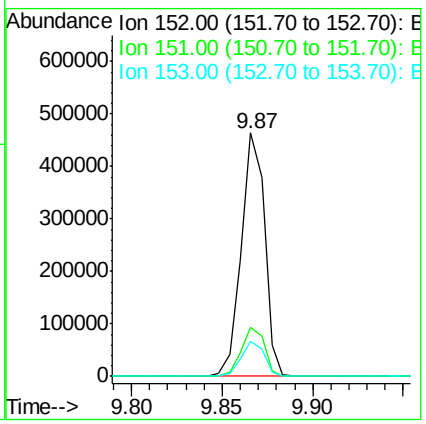


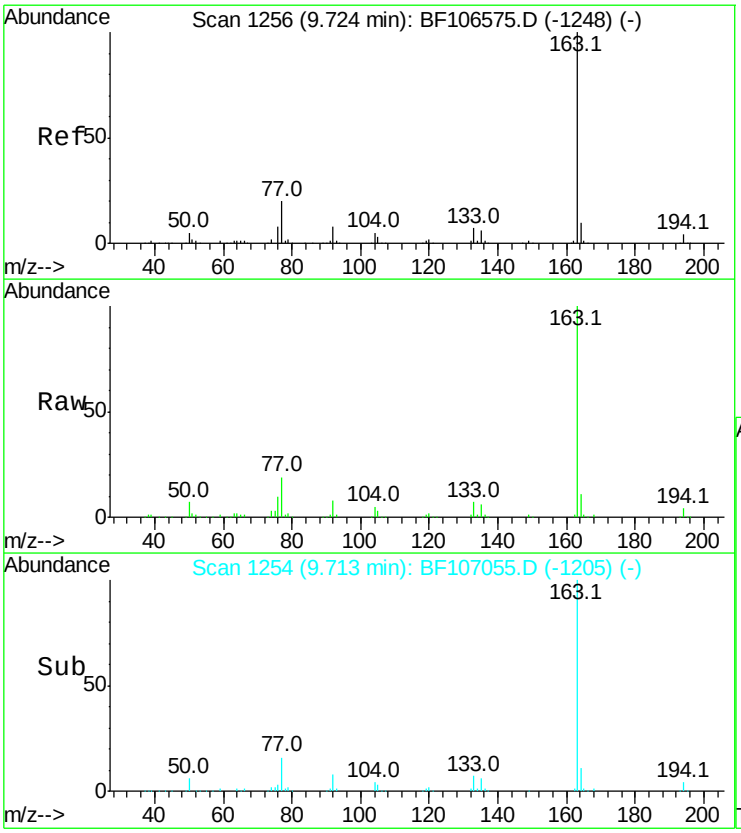

#48
Acenaphthylene
Concen: 40.211 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:152 Resp: 415370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.3 | 24.5 |
| 153 | 14.6 | 10.7 | 16.1 |

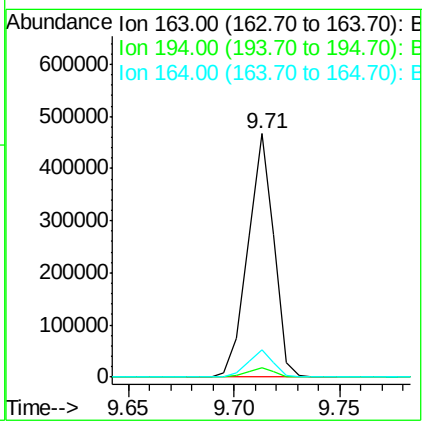


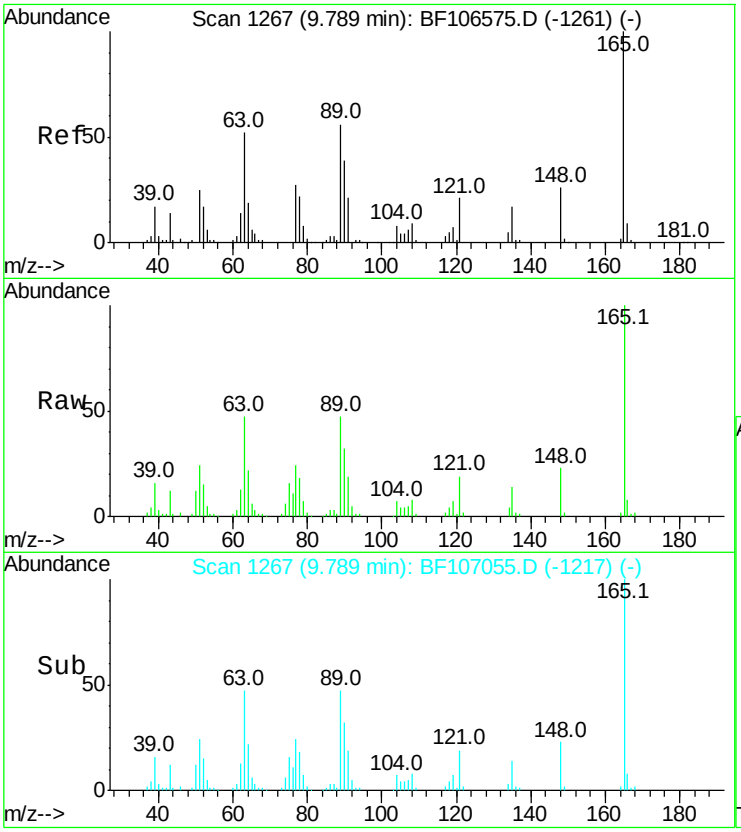




#49
Dimethylphthalate
Concen: 50.800 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:163 Resp: 397381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 11.2 | 8.2 | 12.2 |



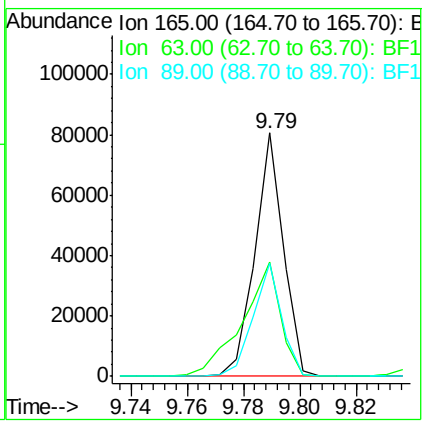


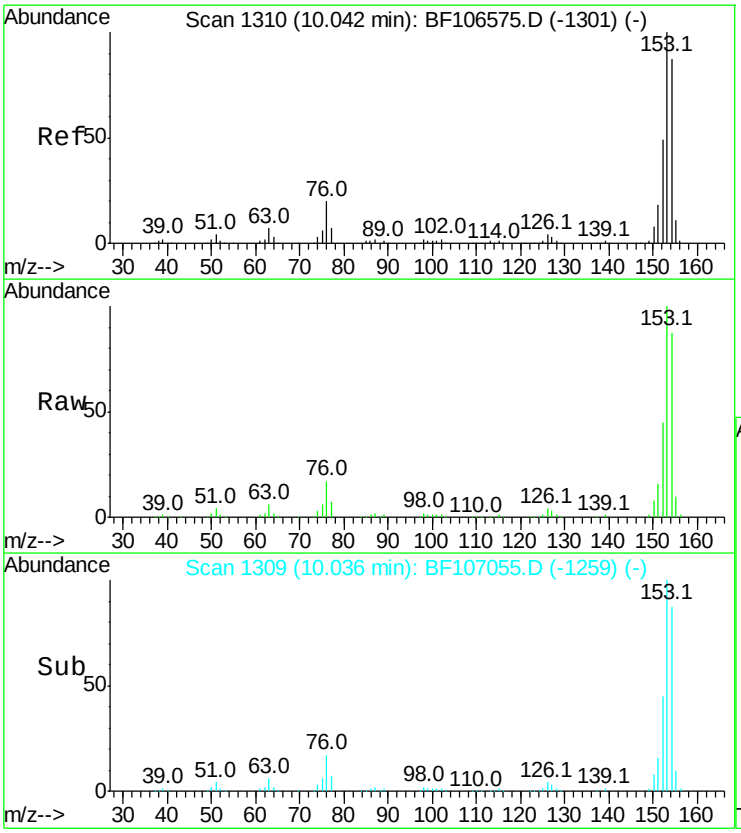

#50
2,6-Dinitrotoluene
Concen: 34.028 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:165 Resp: 56366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.0 | 44.7 | 67.1 |
| 89 | 46.5 | 44.0 | 66.0 |

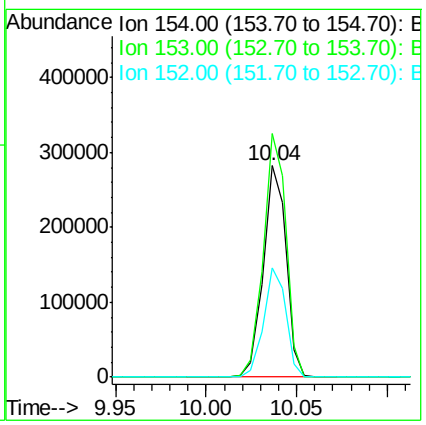


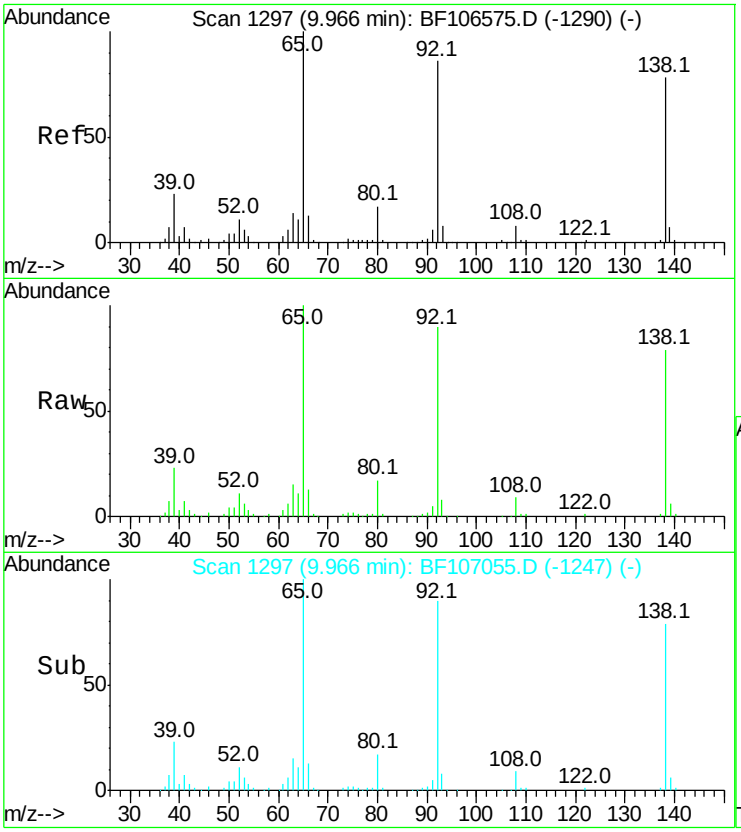




#51
Acenaphthene
Concen: 38.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:154 Resp: 247177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.4 | 91.2 | 136.8 |
| 152 | 51.7 | 43.8 | 65.8 |



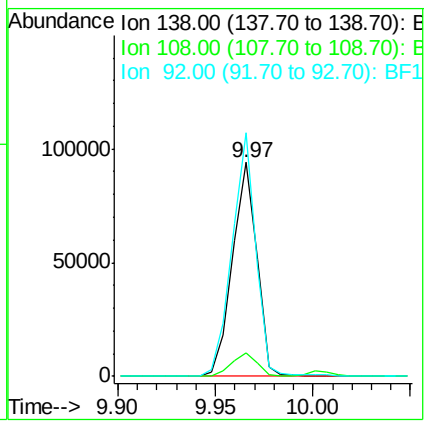


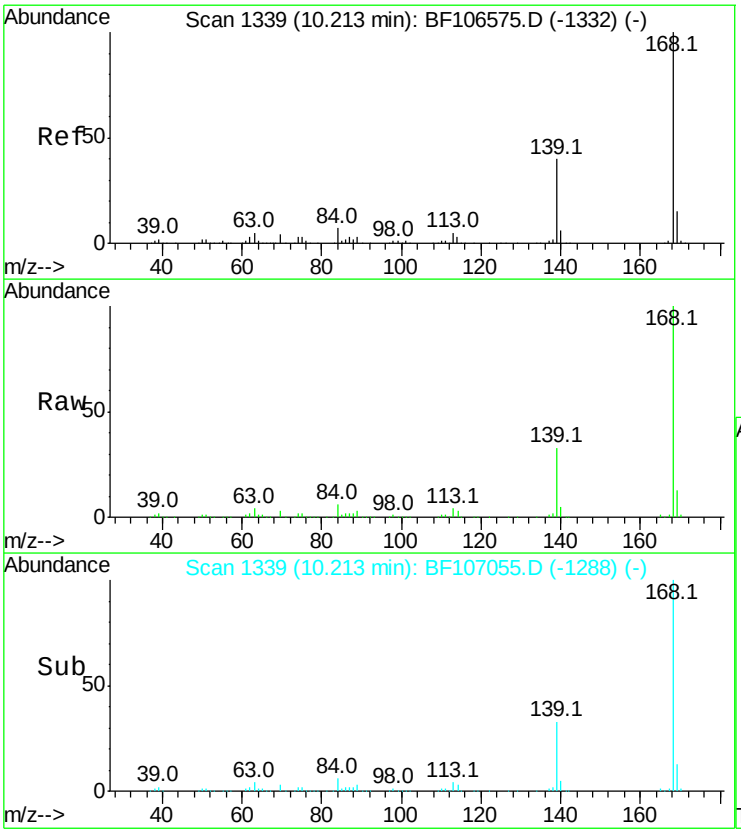

#52
3-Nitroaniline
Concen: 42.934 ng
RT: 9.97 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:138 Resp: 81838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.2 | 9.4 | 14.0 |
| 92 | 113.8 | 89.4 | 134.2 |

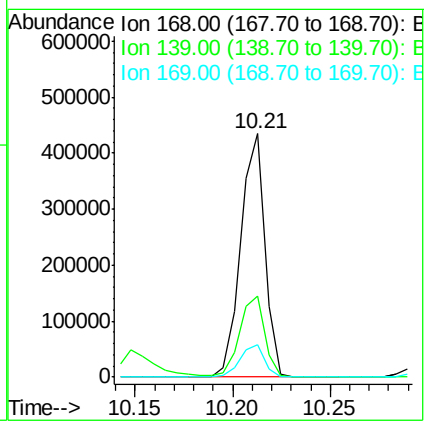


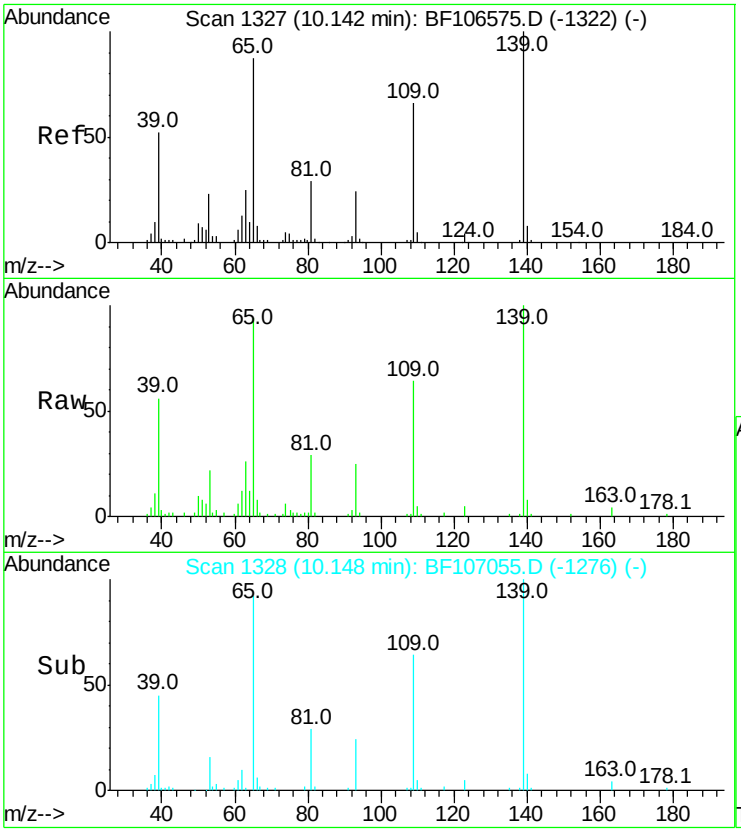




#54
Dibenzofuran
Concen: 42.022 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:168 Resp: 374292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 33.2 | 30.1 | 45.1 |
| 169 | 13.1 | 10.9 | 16.3 |



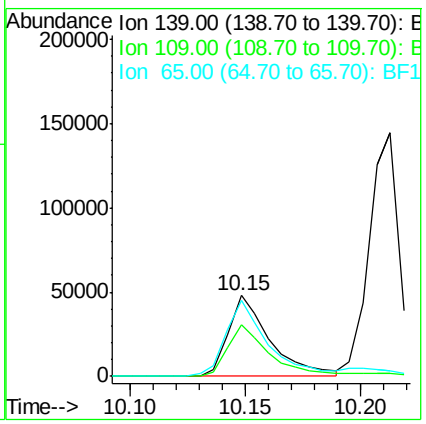


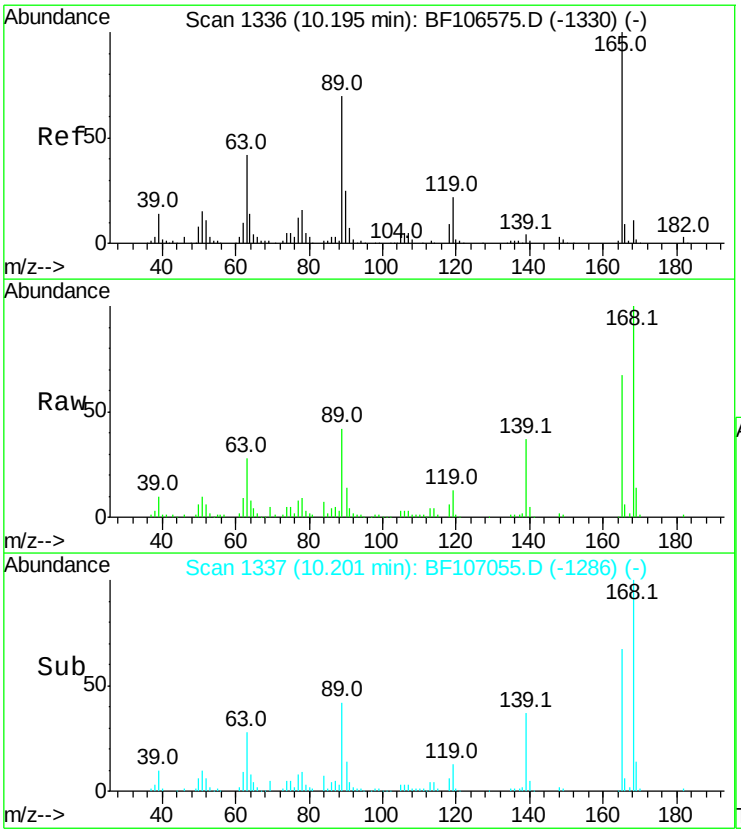

#55
4-Nitrophenol
Concen: 45.144 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:139 Resp: 60064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 64.2 | 48.4 | 88.4 |
| 65 | 94.1 | 72.6 | 112.6 |

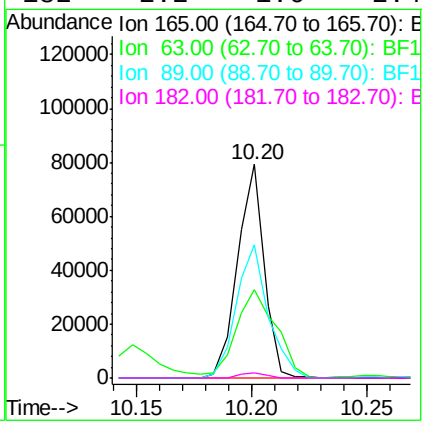


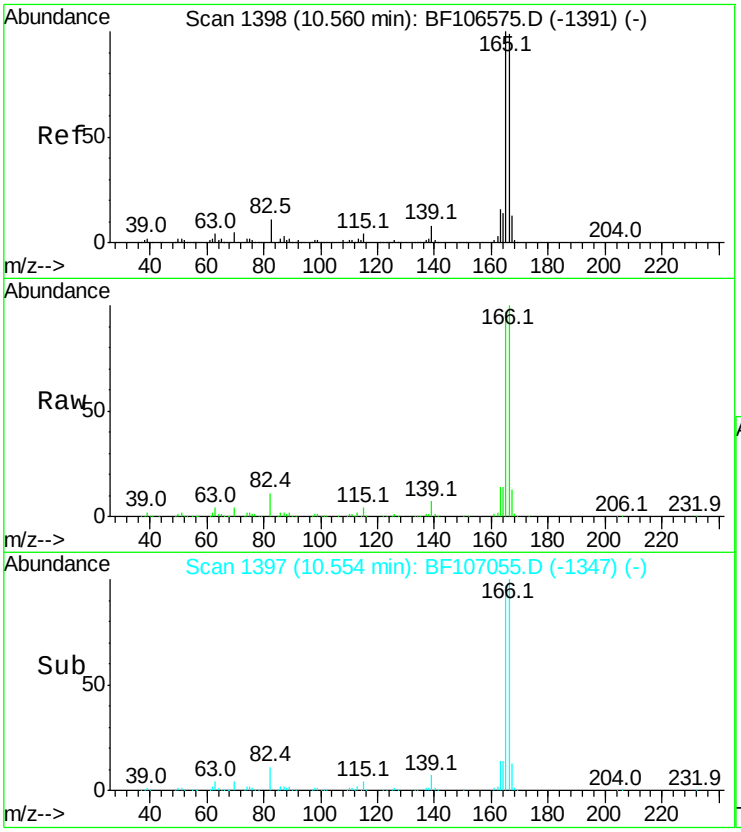




#56
2,4-Dinitrotoluene
Concen: 29.588 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:165 Resp: 63973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.2 | 36.4 | 54.6 |
| 89 | 62.3 | 57.8 | 86.6 |
| 182 | 2.2 | 1.6 | 2.4 |



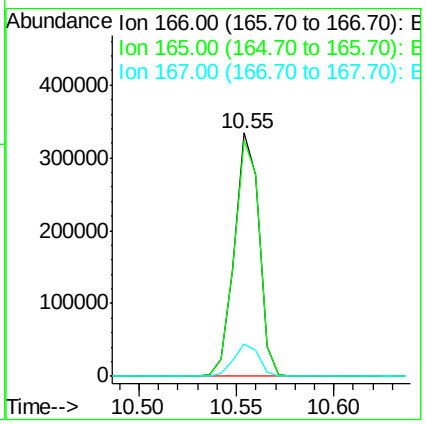


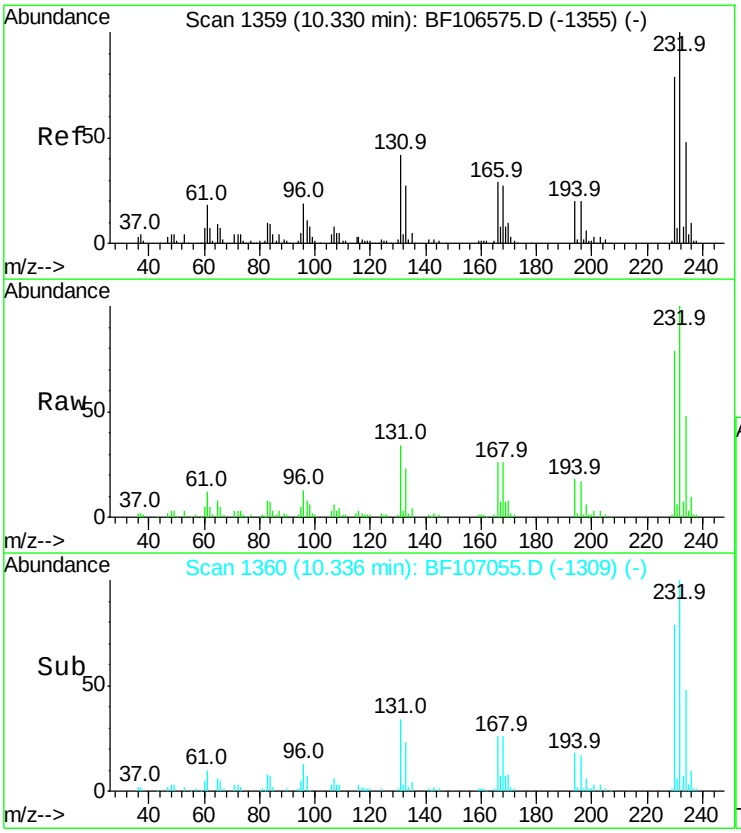

#57
Fluorene
Concen: 41.359 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:166 Resp: 292326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.0 | 79.8 | 119.8 |
| 167 | 13.5 | 10.6 | 16.0 |

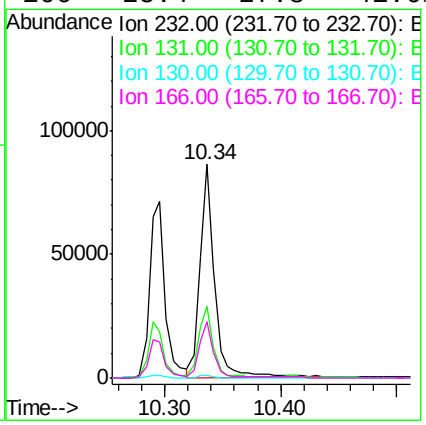


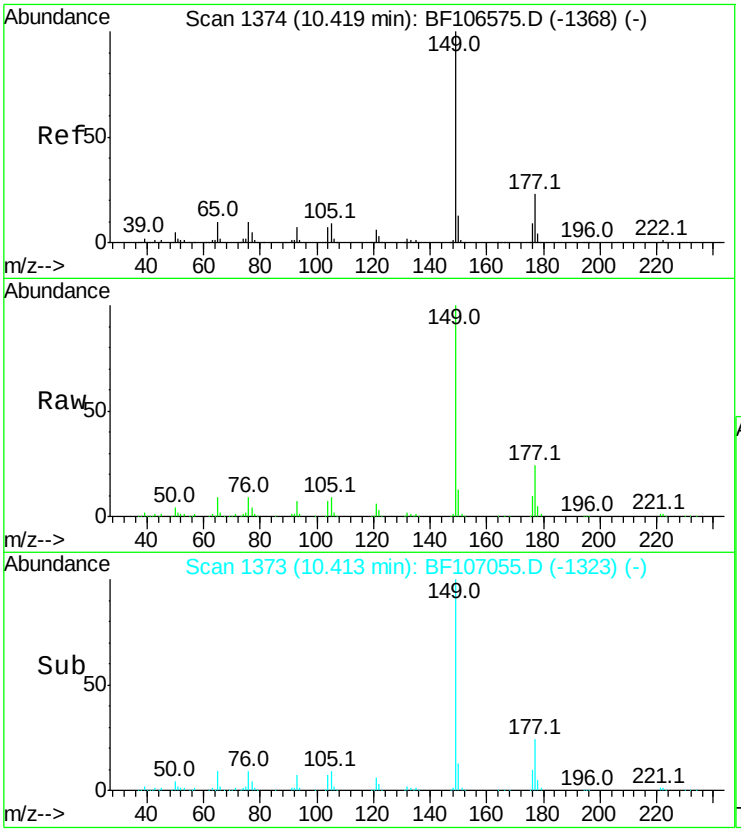




#58
2,3,4,6-Tetrachlorophenol
Concen: 39.425 ng
RT: 10.34 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:232 Resp: 76351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 34.9 | 43.8 | 65.8# |
| 130 | 1.4 | 2.1 | 3.1# |
| 166 | 25.4 | 27.8 | 41.6# |



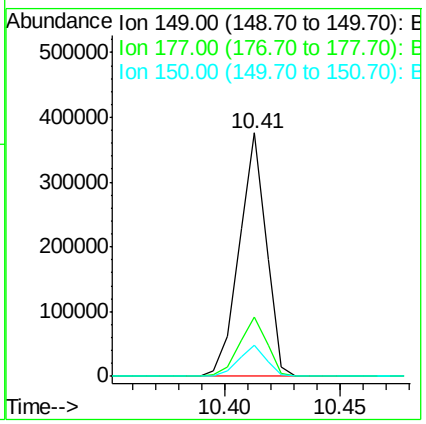


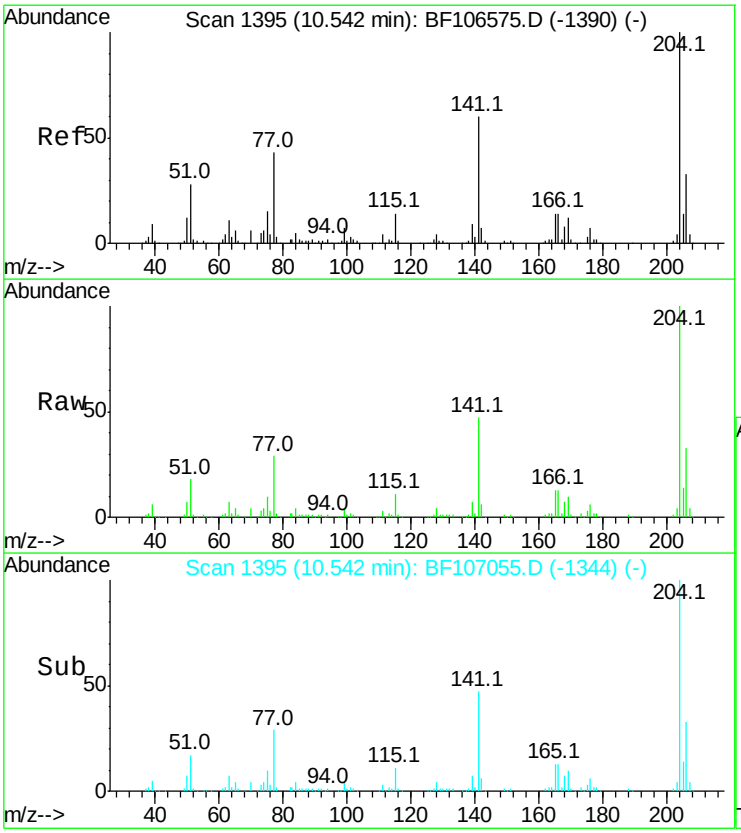

#59
Diethylphthalate
Concen: 40.641 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:149 Resp: 306838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.4 | 16.1 | 24.1# |
| 150 | 12.6 | 10.1 | 15.1 |

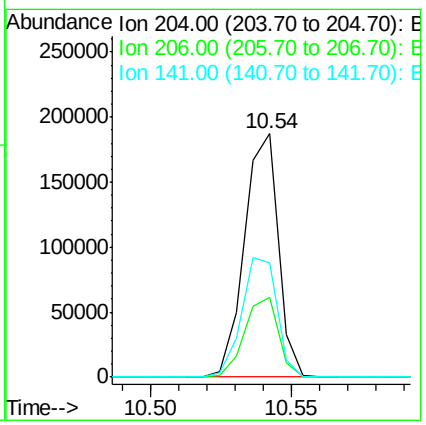


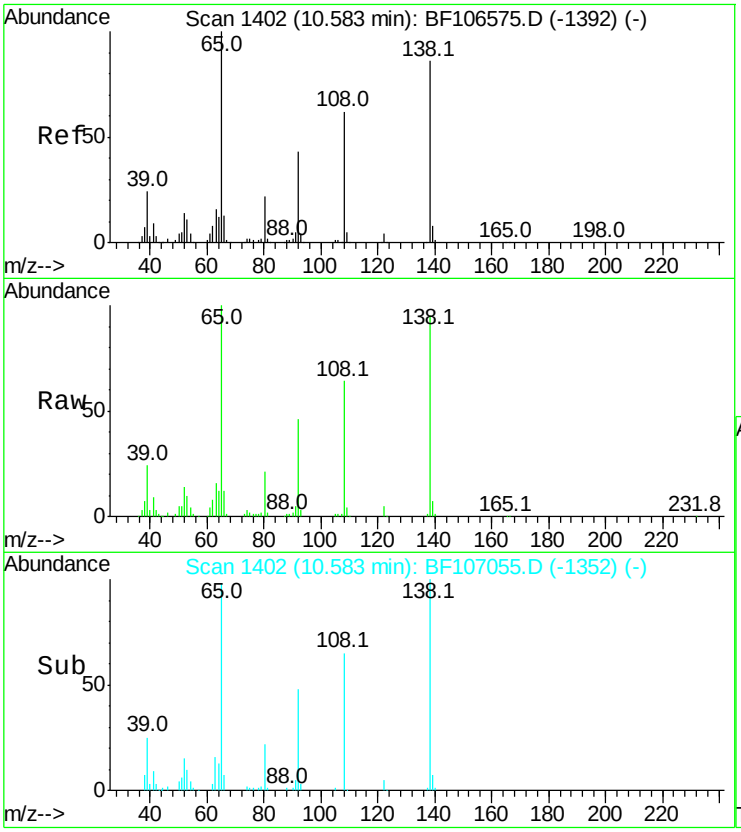




#60
4-Chlorophenyl-phenylether
Concen: 42.246 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:204 Resp: 156232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.6 | 26.5 | 39.7 |
| 141 | 47.1 | 54.6 | 81.8# |



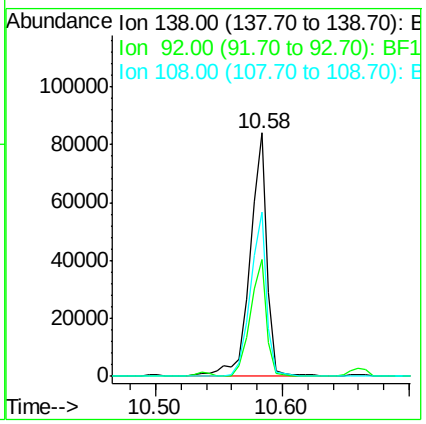


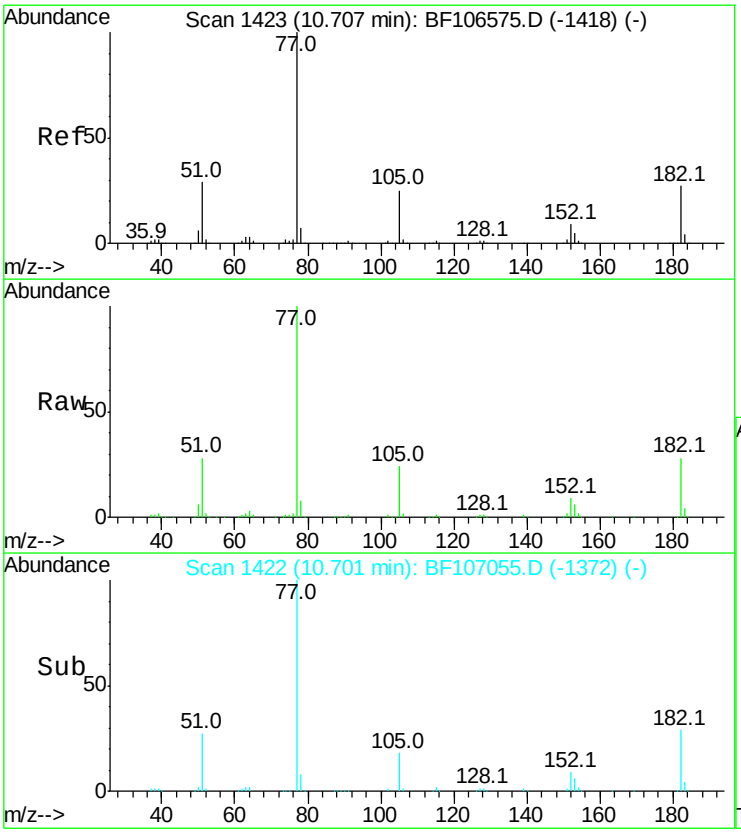

#61
4-Nitroaniline
Concen: 41.538 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:138 Resp: 78578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.9 | 30.2 | 70.2 |
| 108 | 67.3 | 52.5 | 92.5 |

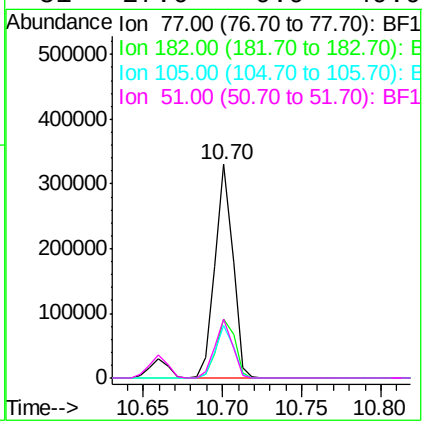


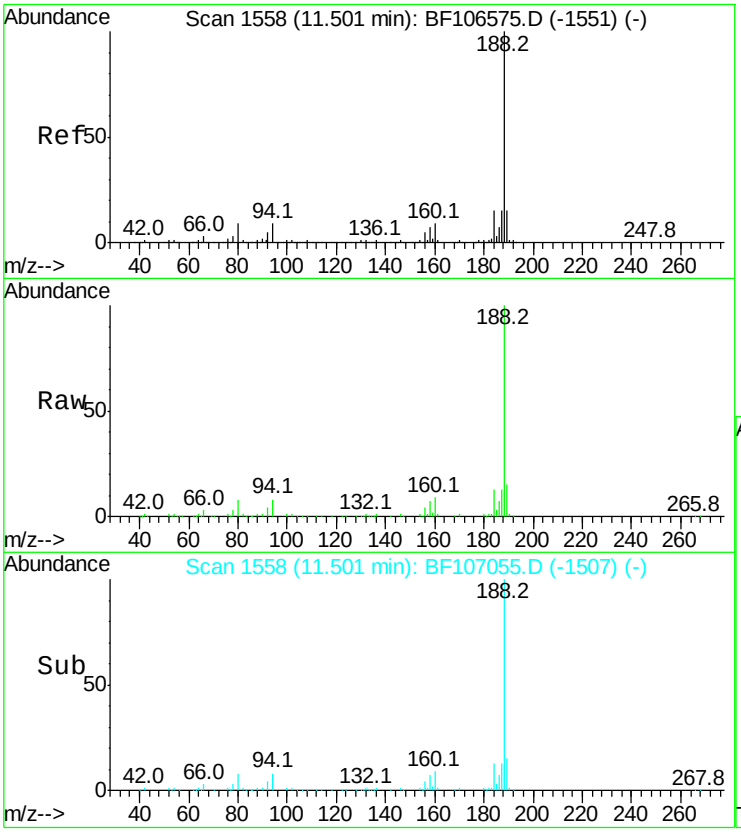




#62
Azobenzene
Concen: 34.916 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion: 77 Resp: 259600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.7 | 1.7 | 41.7 |
| 105 | 24.3 | 3.0 | 43.0 |
| 51 | 27.6 | 9.9 | 49.9 |



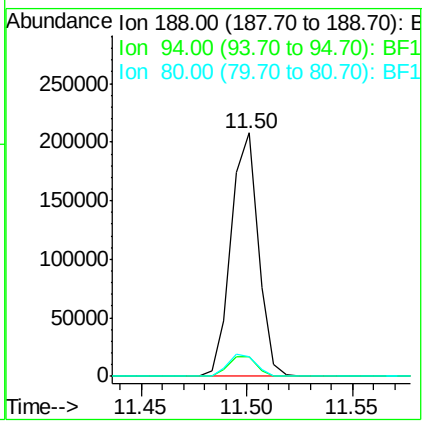


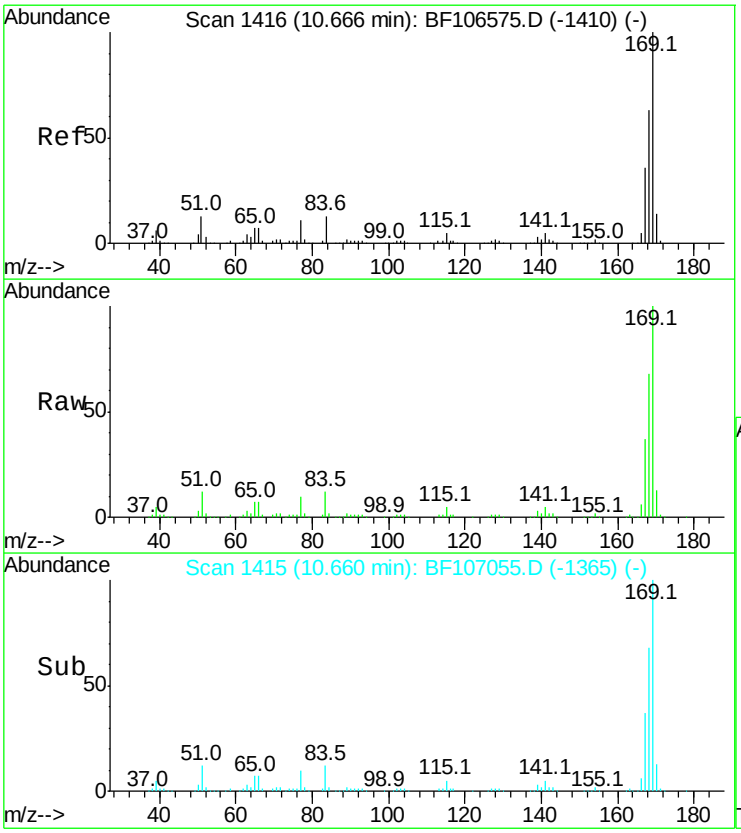

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:188 Resp: 184347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.1 | 8.5 | 12.7# |
| 80 | 8.2 | 9.2 | 13.8# |

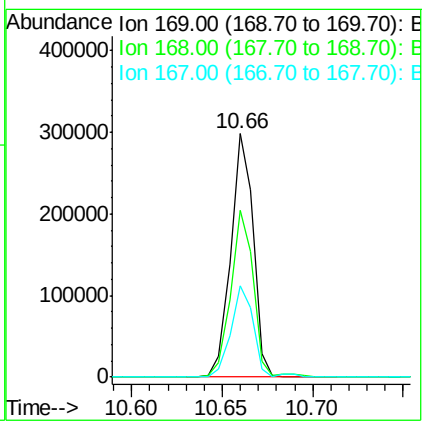


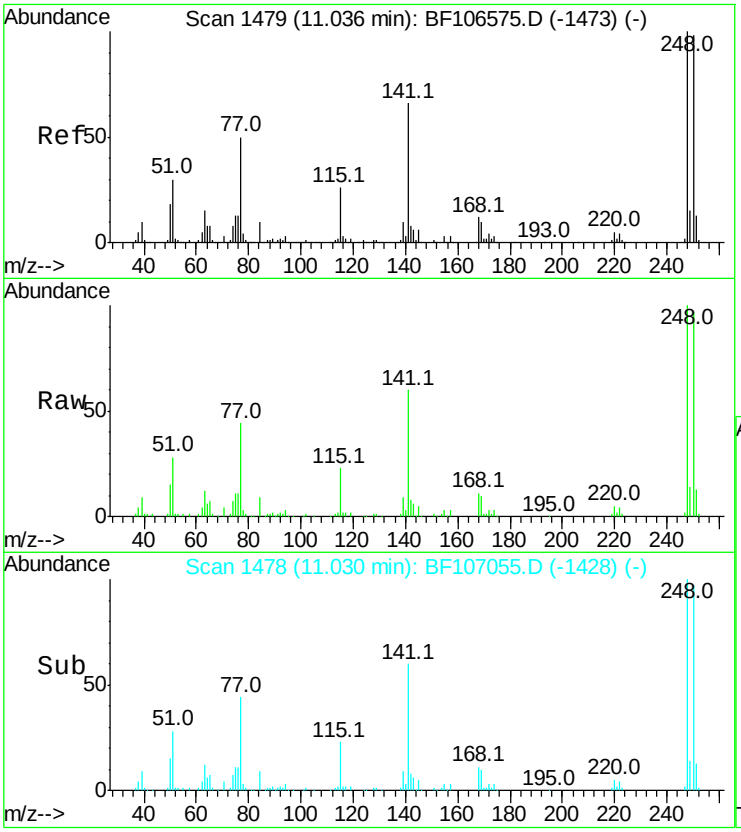




#65
n-Nitrosodiphenylamine
Concen: 41.325 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:169 Resp: 256237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.3 | 54.4 | 81.6 |
| 167 | 37.5 | 29.8 | 44.6 |



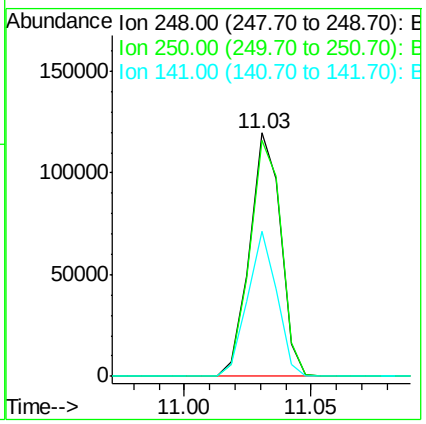


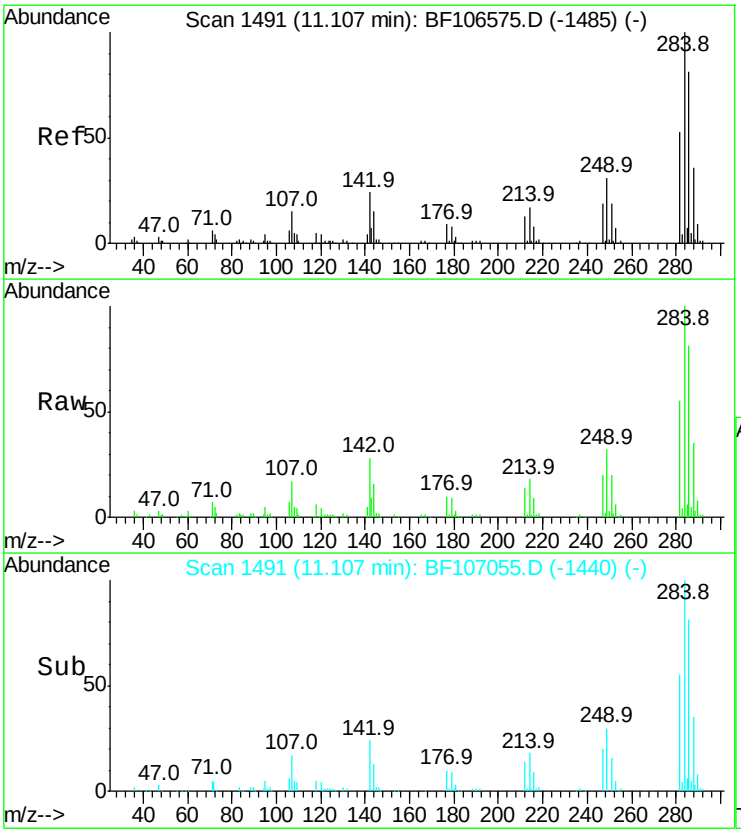

#66
4-Bromophenyl-phenylether
Concen: 46.705 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:248 Resp: 102755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.9 | 76.9 | 115.3 |
| 141 | 59.7 | 74.4 | 111.6# |

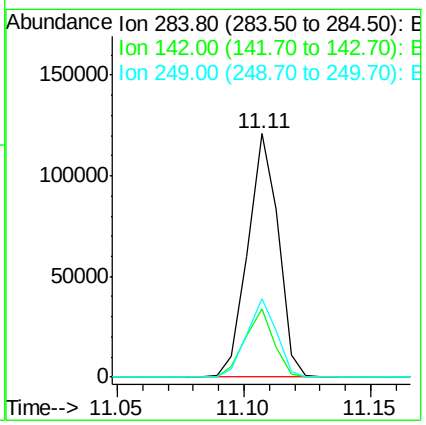


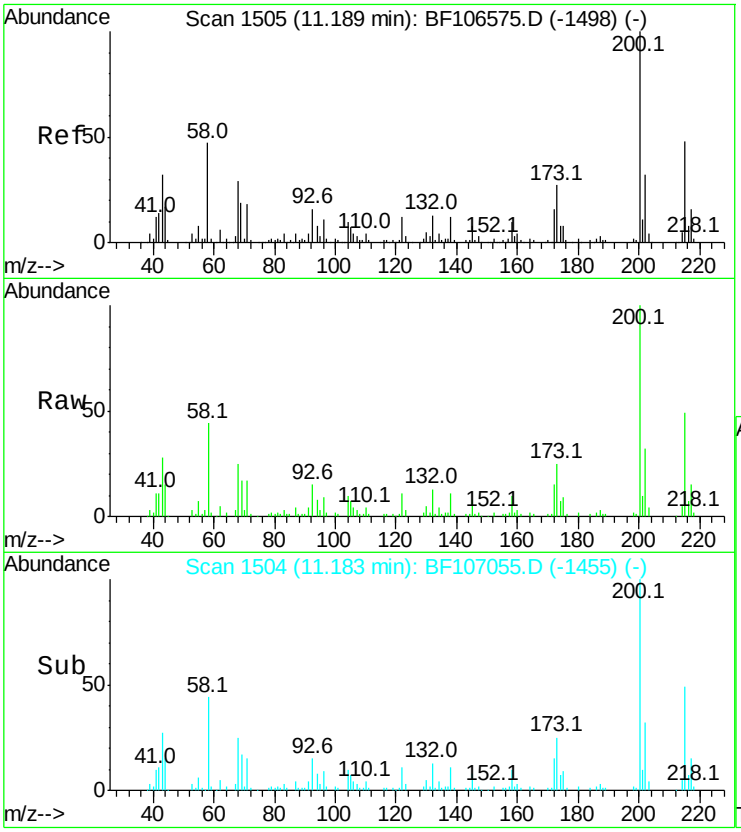




#67
Hexachlorobenzene
Concen: 44.002 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:284 Resp: 101323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 27.9 | 34.6 | 52.0# |
| 249 | 32.1 | 24.8 | 37.2 |



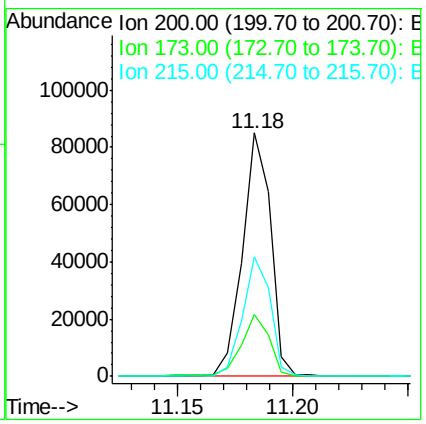


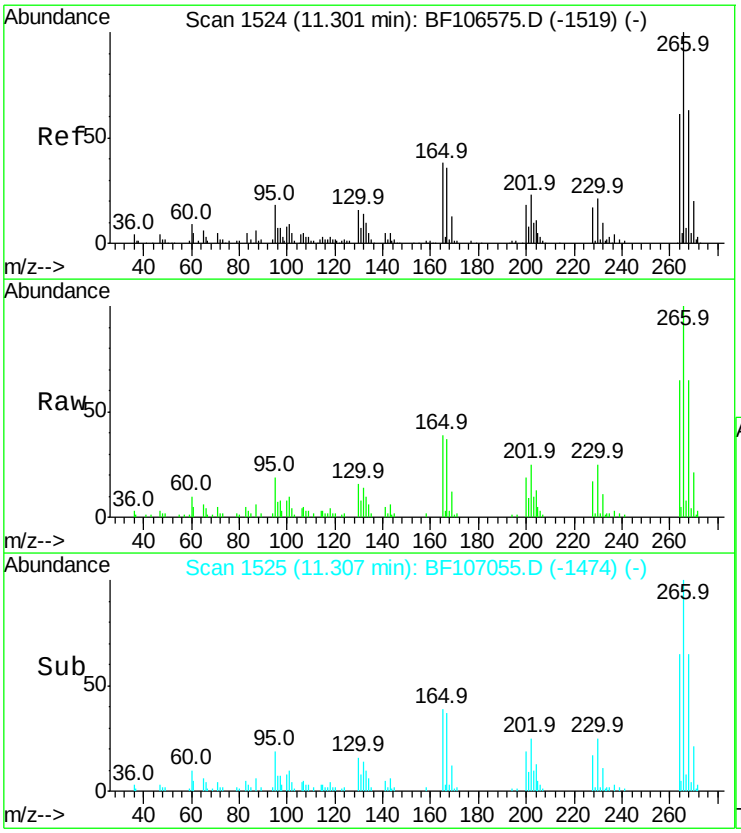

#68
Atrazine
Concen: 36.883 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:200 Resp: 72702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.4 | 8.6 | 48.6 |
| 215 | 49.1 | 25.1 | 65.1 |

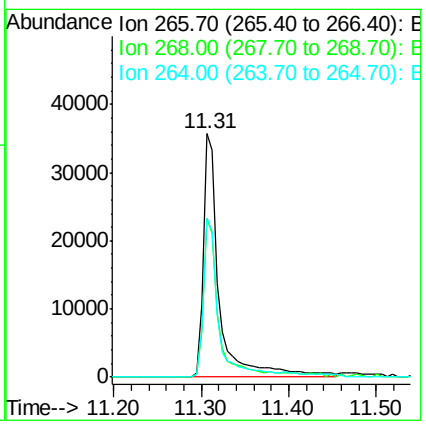


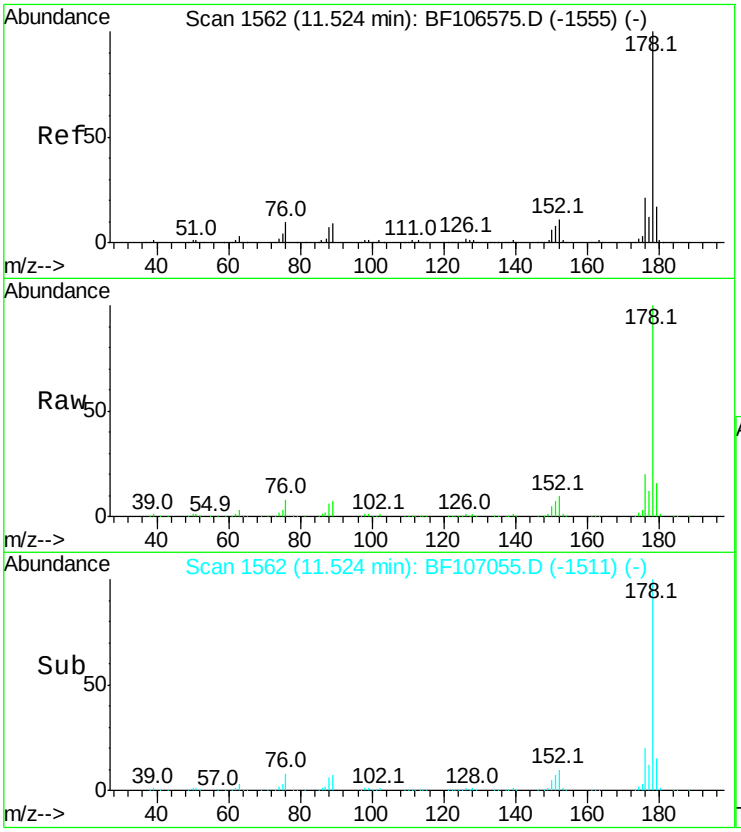




#69
Pentachlorophenol
Concen: 39.778 ng
RT: 11.31 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:266 Resp: 45703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.5 | 51.1 | 76.7 |
| 264 | 65.3 | 49.5 | 74.3 |



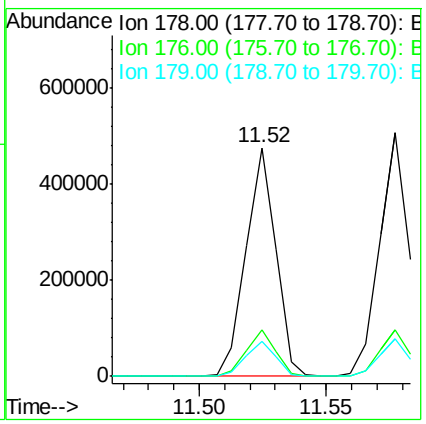


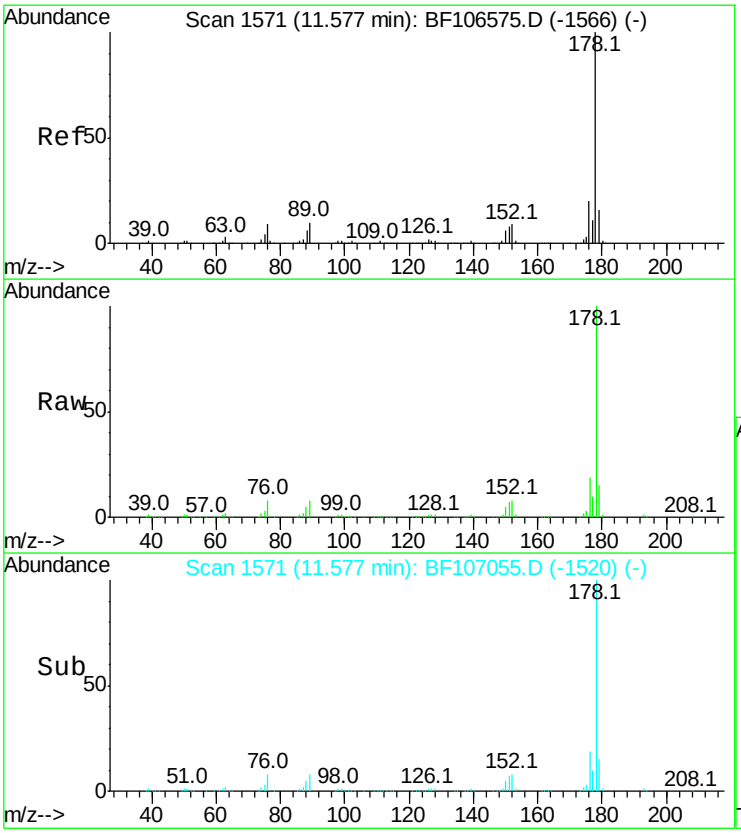

#70
Phenanthrene
Concen: 44.112 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:178 Resp: 392222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.4 | 15.8 | 23.8 |
| 179 | 15.5 | 13.0 | 19.6 |

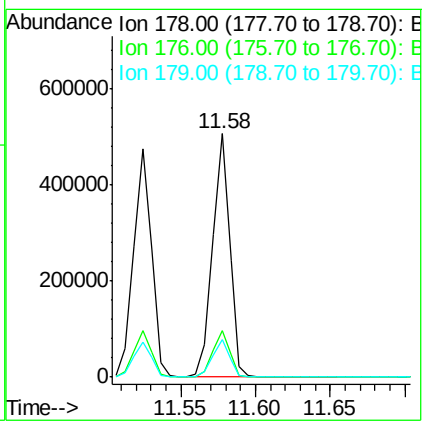


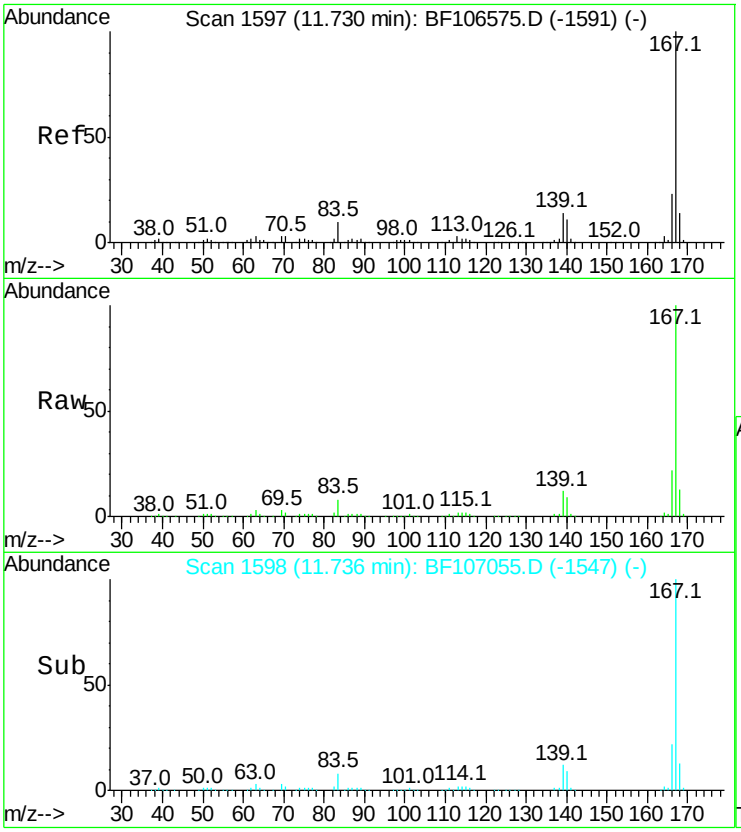




#71
Anthracene
Concen: 44.843 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:178 Resp: 406975

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



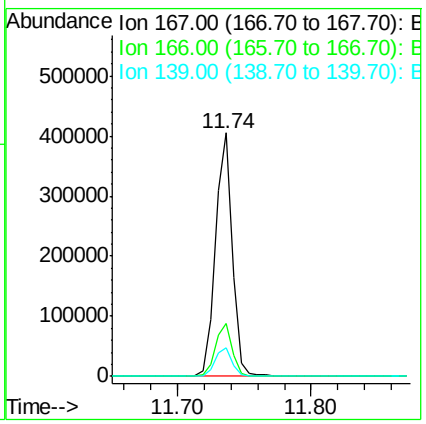


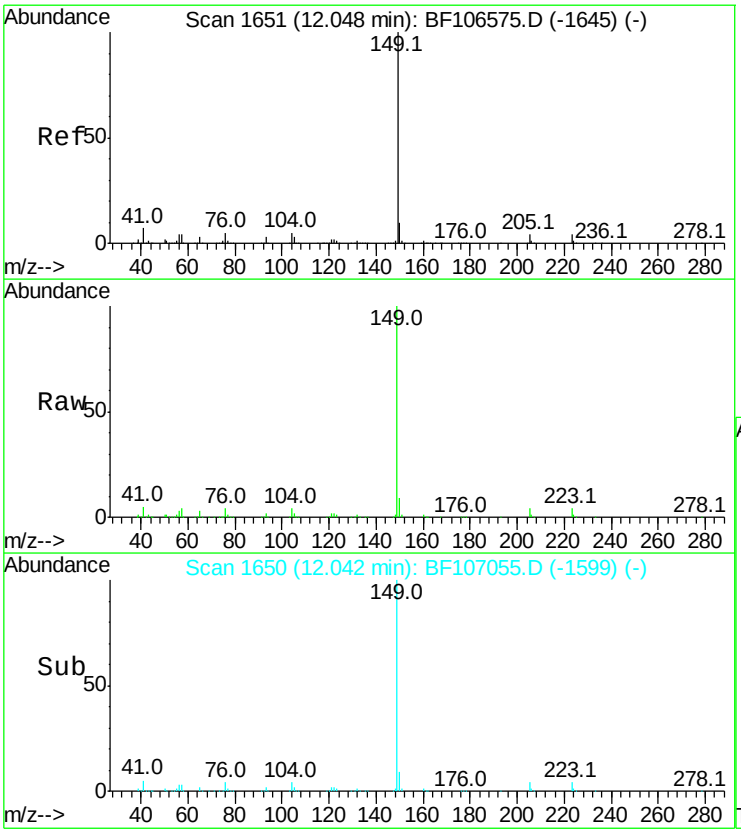

#72
Carbazole
Concen: 42.522 ng
RT: 11.74 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:167 Resp: 361306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.6 | 26.4 |
| 139 | 11.5 | 10.9 | 16.3 |

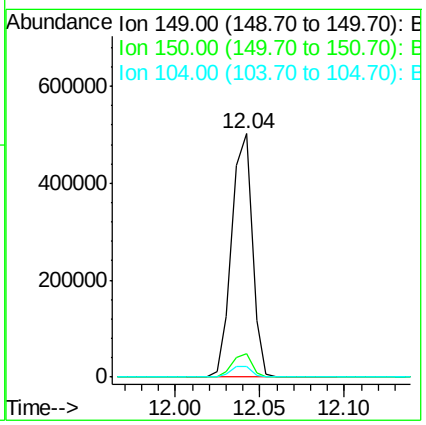


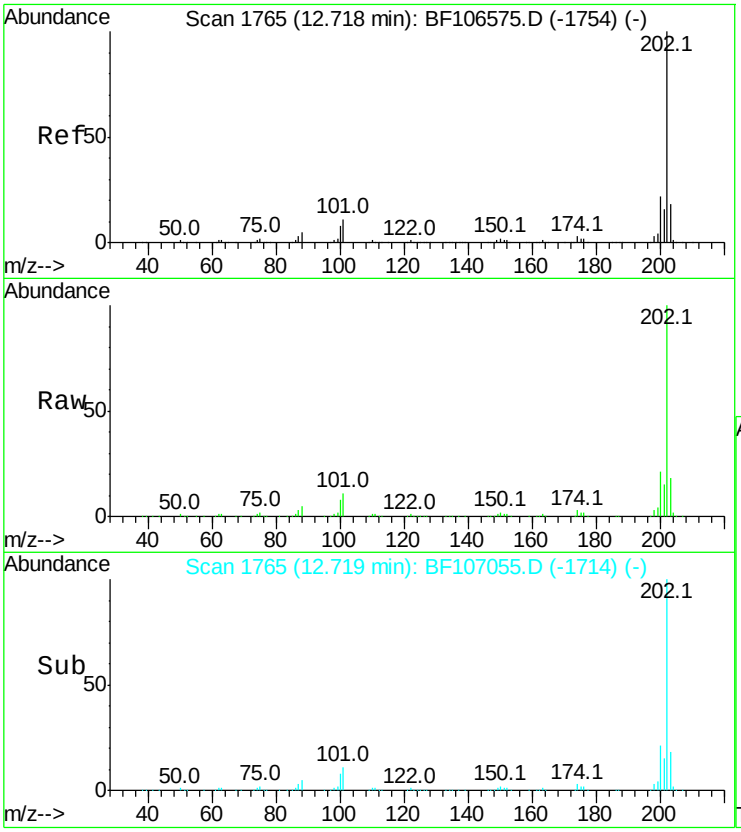




#73
Di-n-butylphthalate
Concen: 42.317 ng
RT: 12.04 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:149 Resp: 423602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.8 | 11.6 |
| 104 | 4.3 | 3.8 | 5.8 |



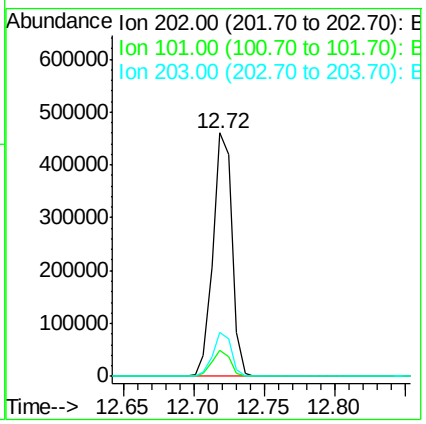


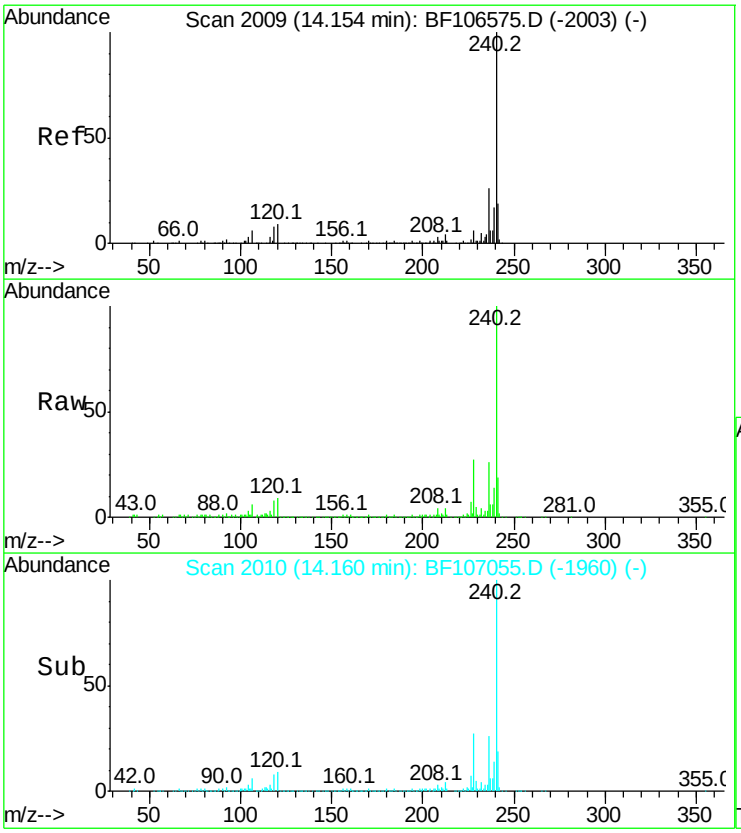

#74
Fluoranthene
Concen: 44.151 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:202 Resp: 432686

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.7 | 0.0 | 34.1 |
| 203 | 18.2 | 0.0 | 38.1 |

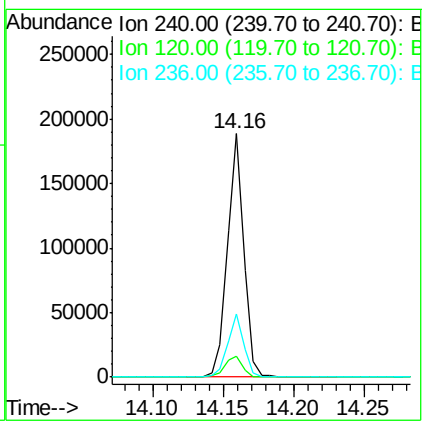


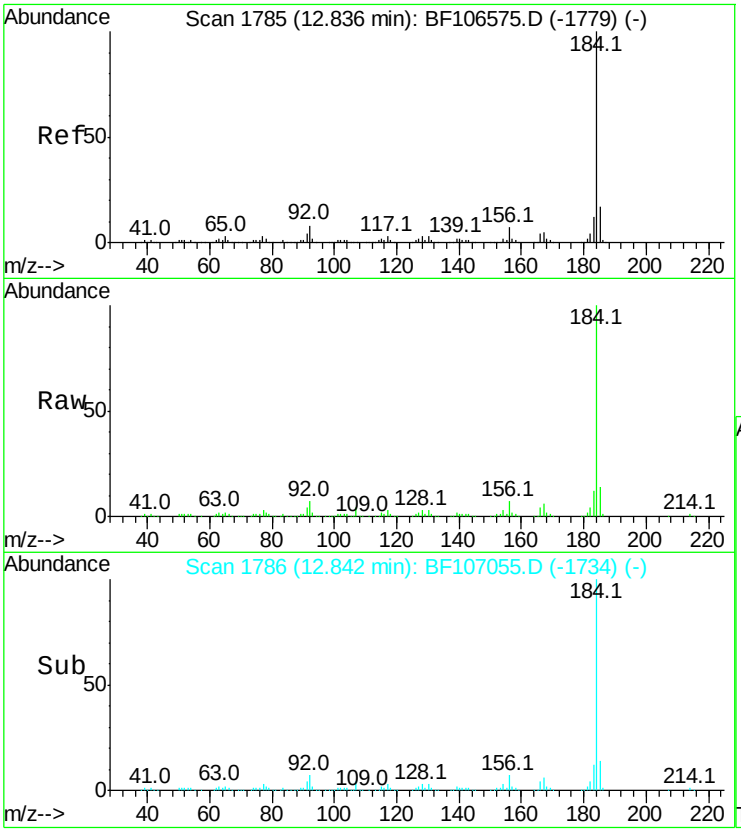




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:240 Resp: 151811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.7 | 9.5 | 14.3# |
| 236 | 25.9 | 20.7 | 31.1 |



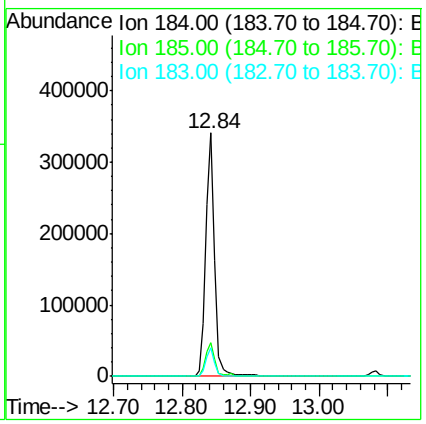


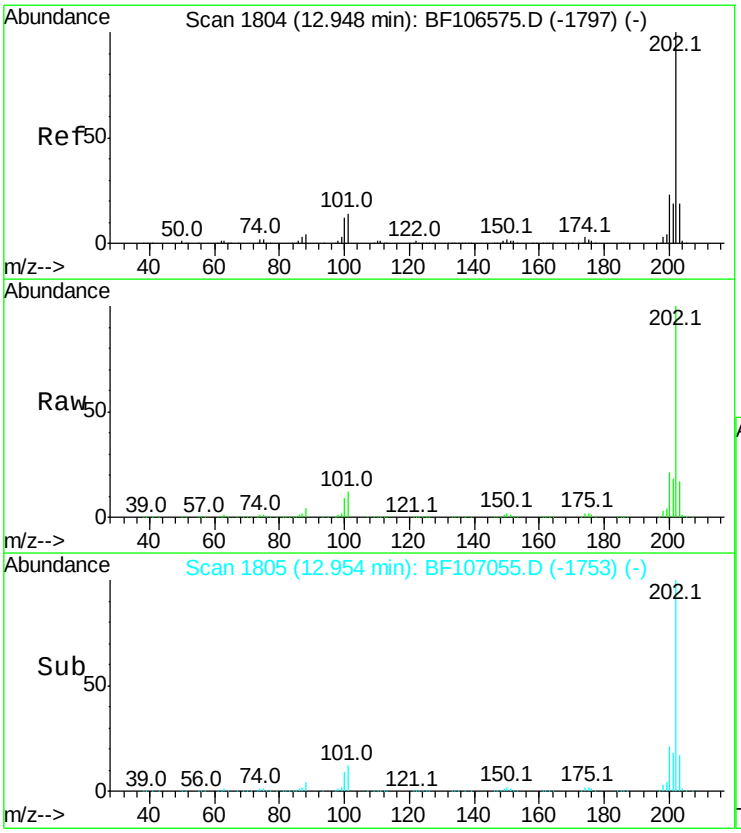

#76
Benzidine
Concen: 73.980 ng
RT: 12.84 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:184 Resp: 319855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.9 | 12.6 | 18.8 |
| 183 | 11.6 | 9.3 | 13.9 |

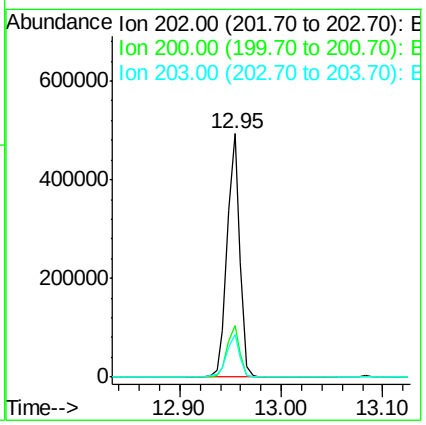


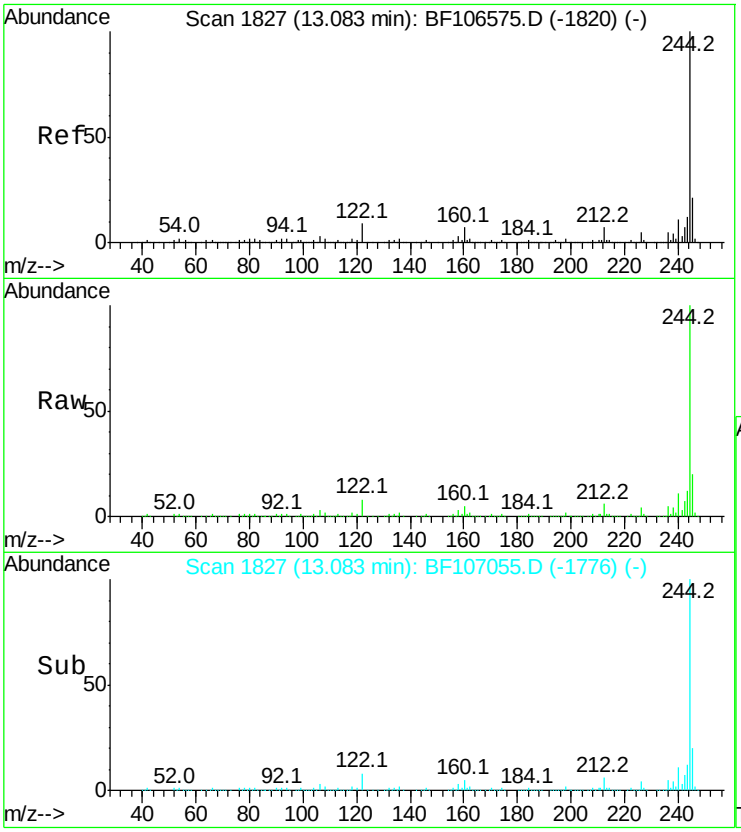




#77
Pyrene
Concen: 42.609 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:202 Resp: 426555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.4 | 26.2 |
| 203 | 17.4 | 14.3 | 21.5 |



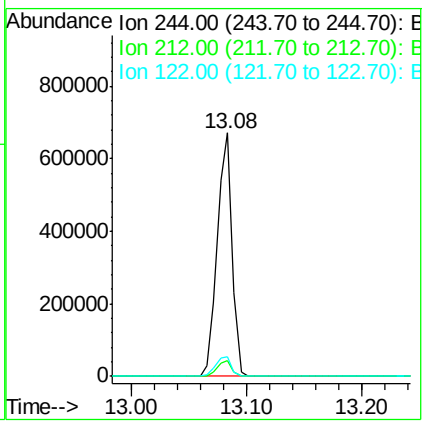


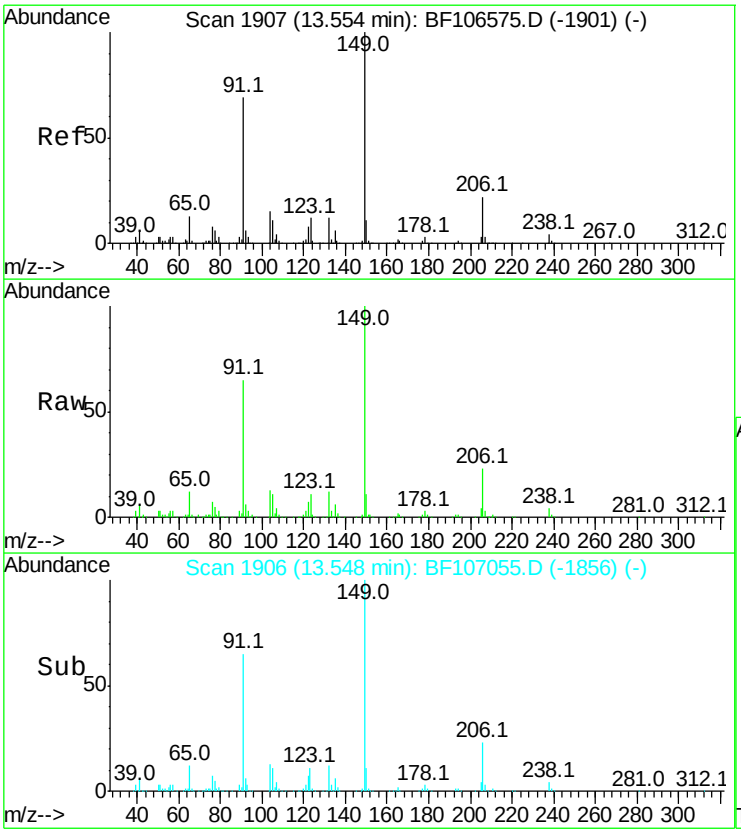

#78
Terphenyl-d14
Concen: 95.753 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:244 Resp: 600104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 5.4 | 8.0 |
| 122 | 8.3 | 11.0 | 16.4# |

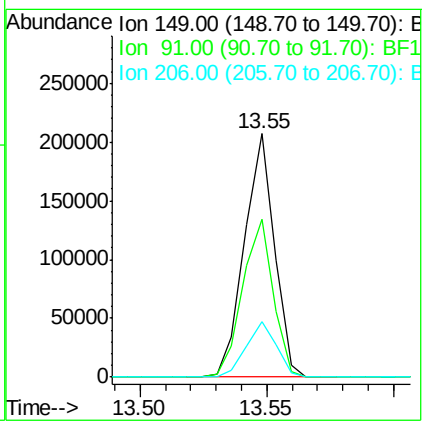


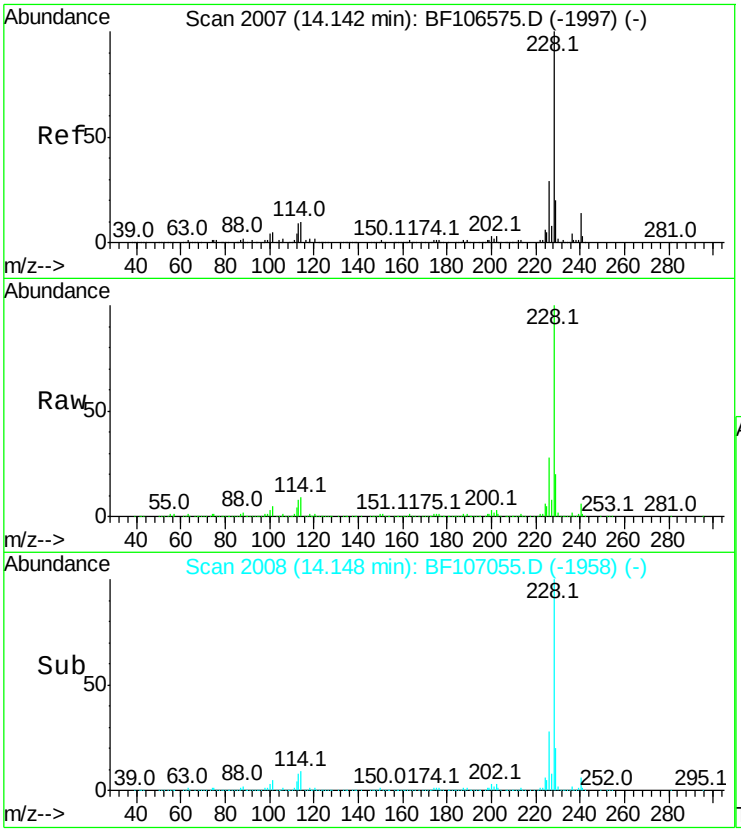




#79
Butylbenzylphthalate
Concen: 41.634 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:149 Resp: 171364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 65.0 | 56.8 | 85.2 |
| 206 | 22.9 | 14.1 | 21.1# |



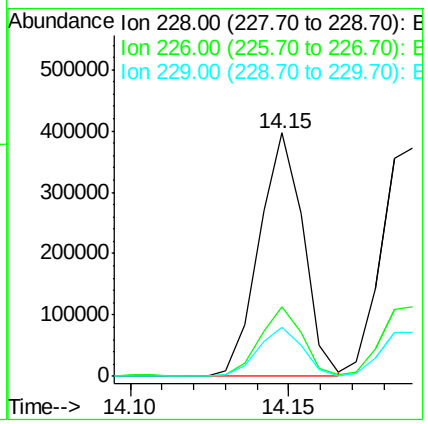


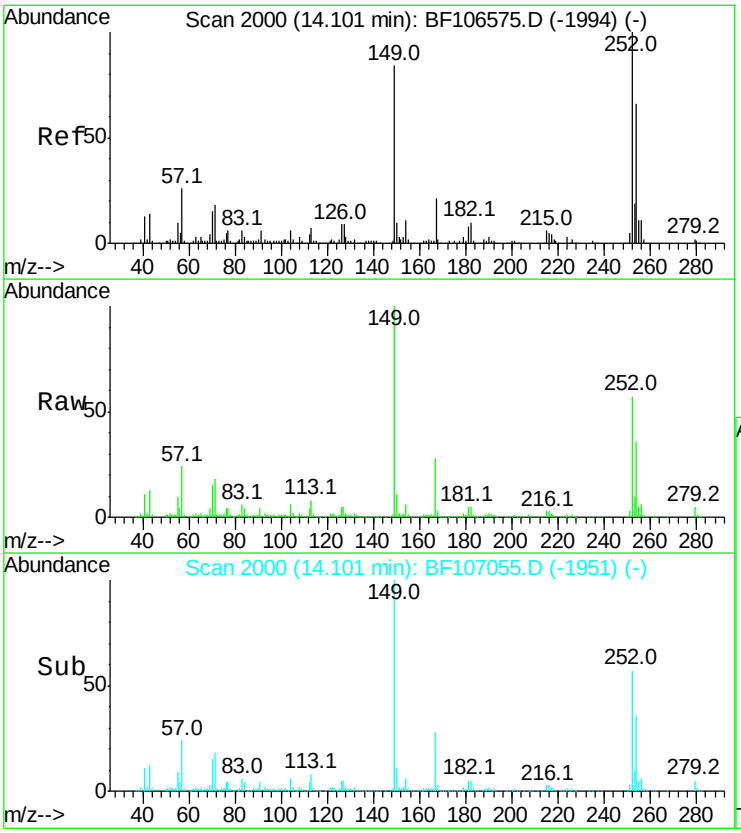

#80
Benzo(a)anthracene
Concen: 41.393 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:228 Resp: 382989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 22.6 | 33.8 |
| 229 | 20.2 | 15.8 | 23.6 |

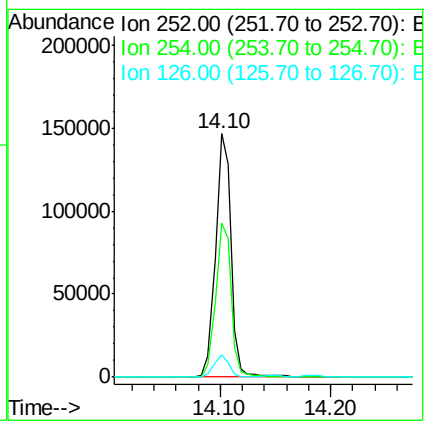


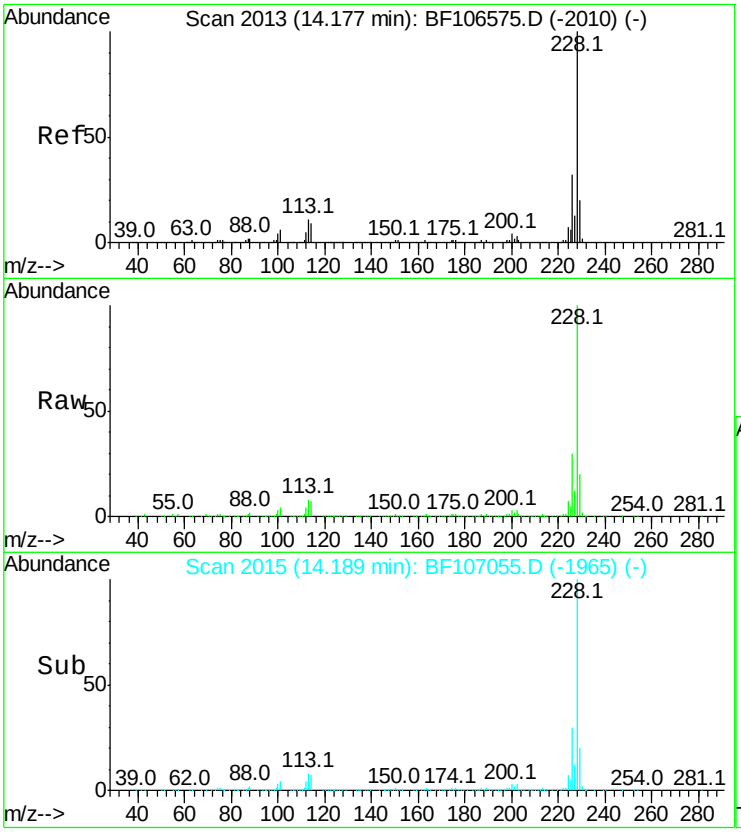




#81
3,3'-Dichlorobenzidine
Concen: 43.749 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:252 Resp: 142264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.5 | 50.4 | 75.6 |
| 126 | 9.2 | 11.3 | 16.9# |



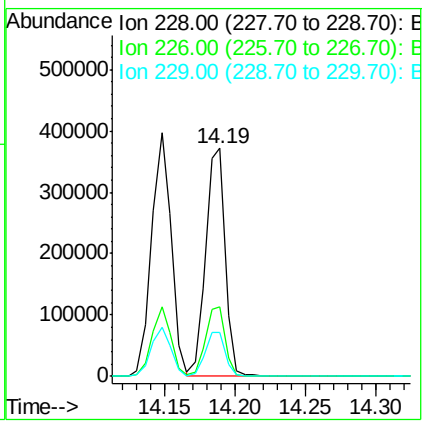


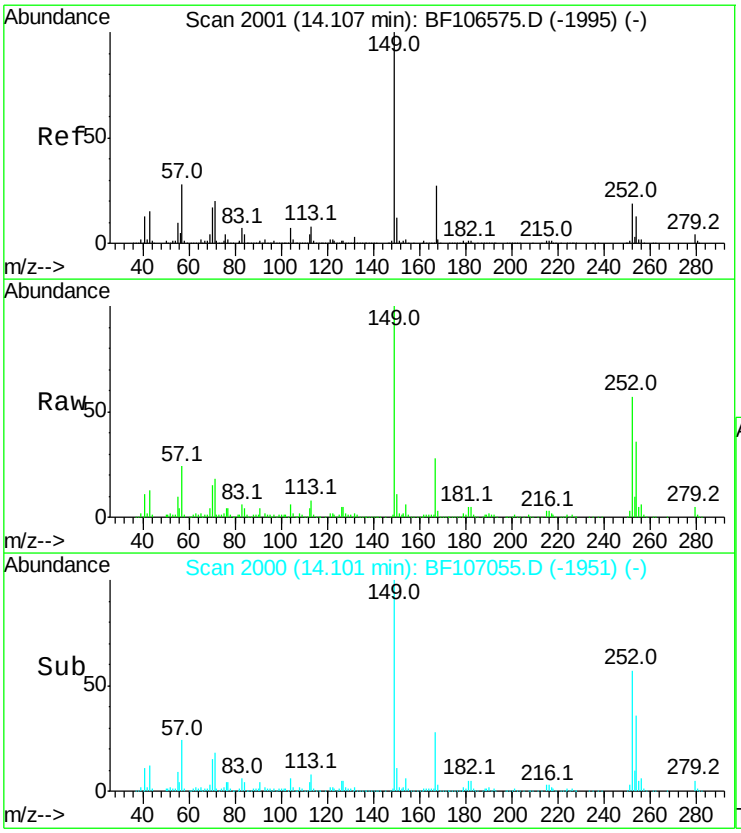

#82
Chrysene
Concen: 41.824 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:228 Resp: 356014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.4 | 25.0 | 37.6 |
| 229 | 19.5 | 16.2 | 24.4 |

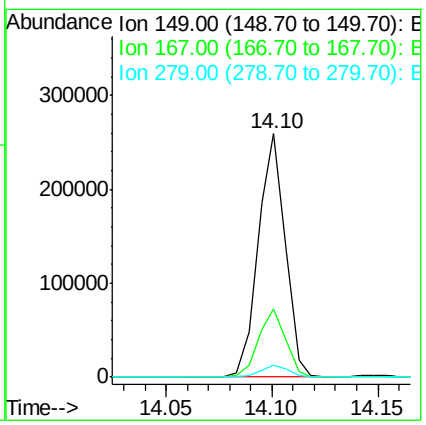


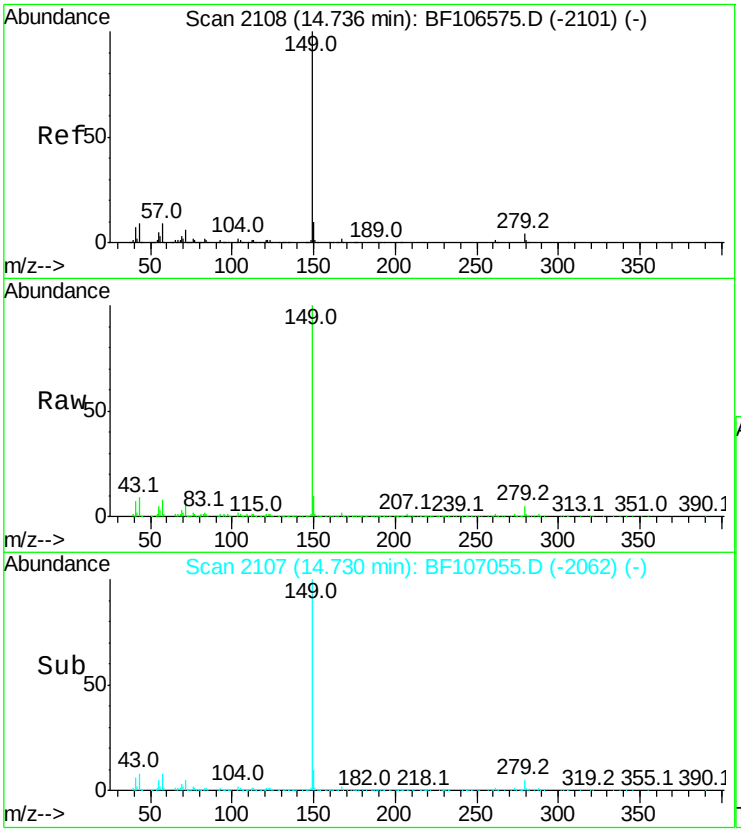




#83
Bis(2-ethylhexyl)phthalate
Concen: 43.496 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:149 Resp: 228885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.8 | 21.3 | 31.9 |
| 279 | 4.8 | 3.0 | 4.4# |



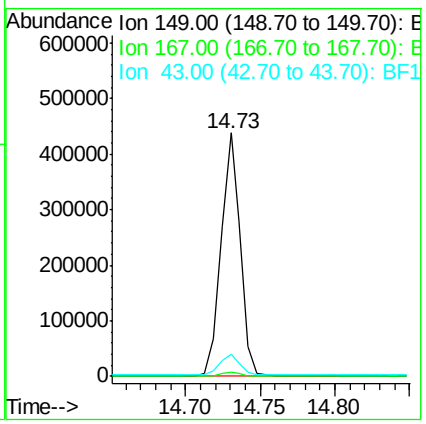


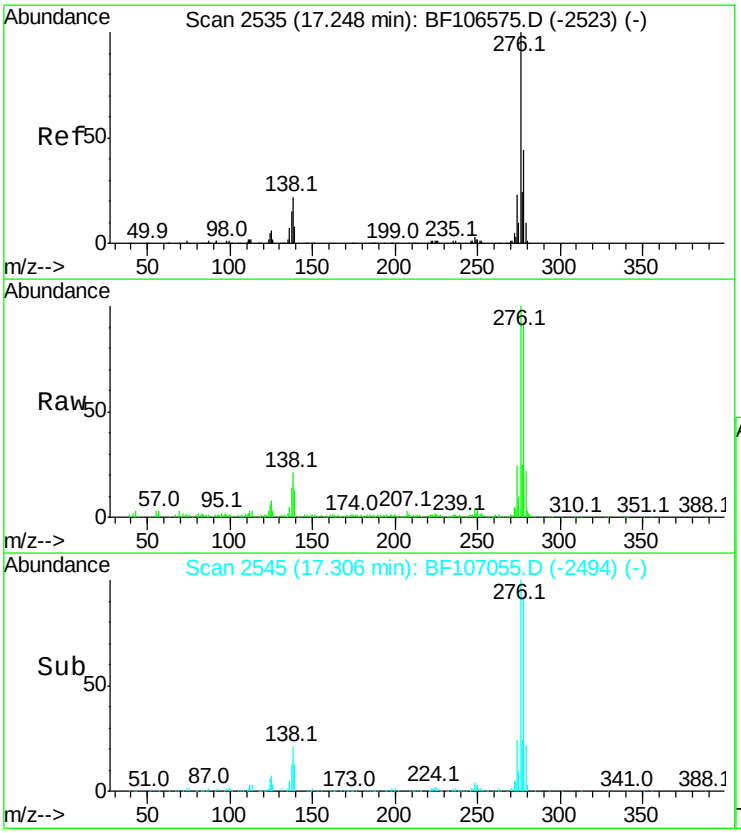

#84
Di-n-octyl phthalate
Concen: 46.053 ng
RT: 14.73 min Scan# 2107
Delta R.T. -0.04 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:149 Resp: 395017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 8.6 | 8.4 | 12.6 |

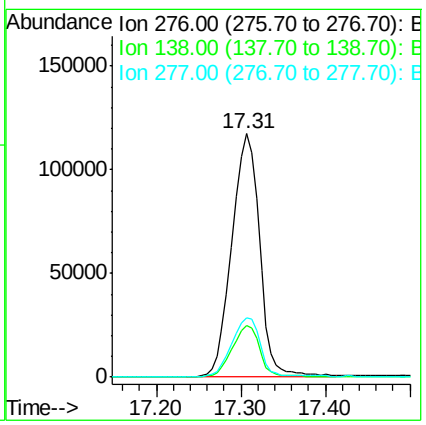


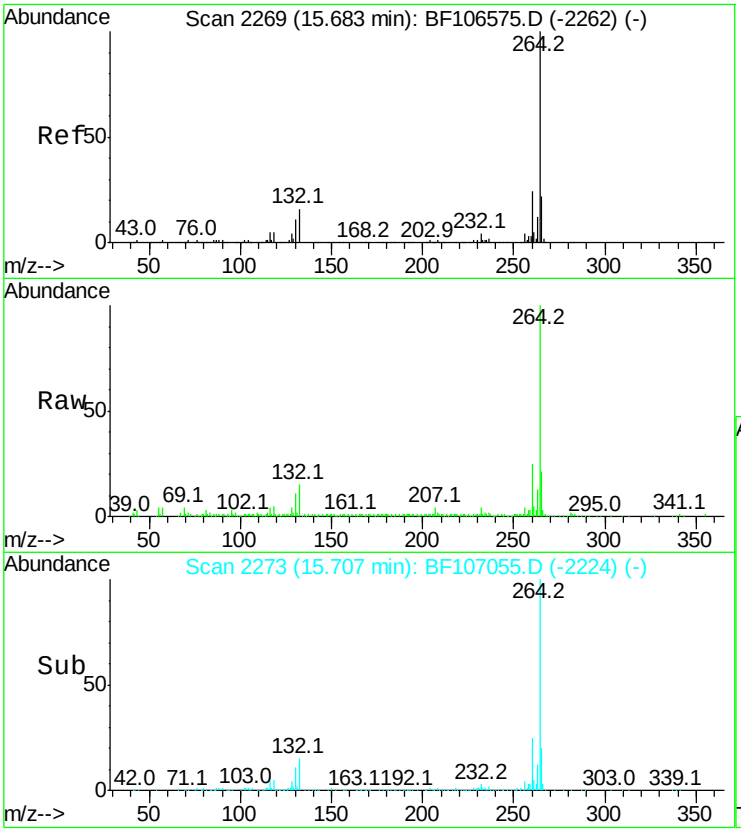




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.074 ng
RT: 17.31 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:276 Resp: 267811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.3 | 25.0 | 37.6# |
| 277 | 24.7 | 20.1 | 30.1 |



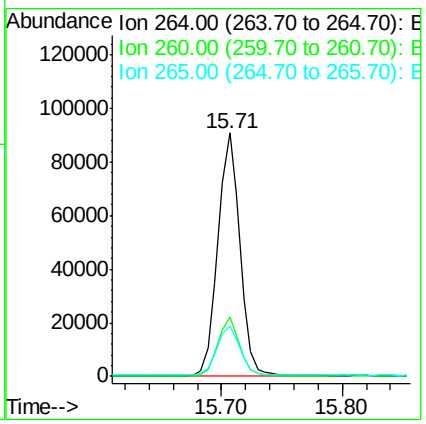


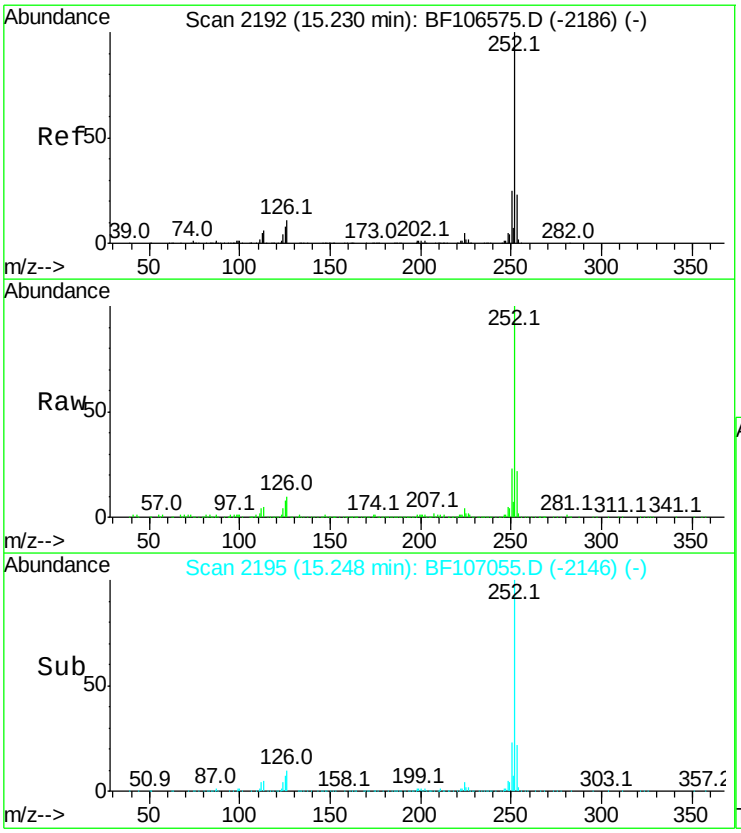

#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:264 Resp: 115712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.2 | 28.8 |
| 265 | 20.7 | 17.5 | 26.3 |

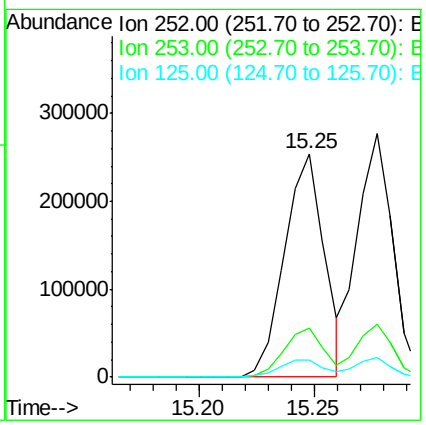


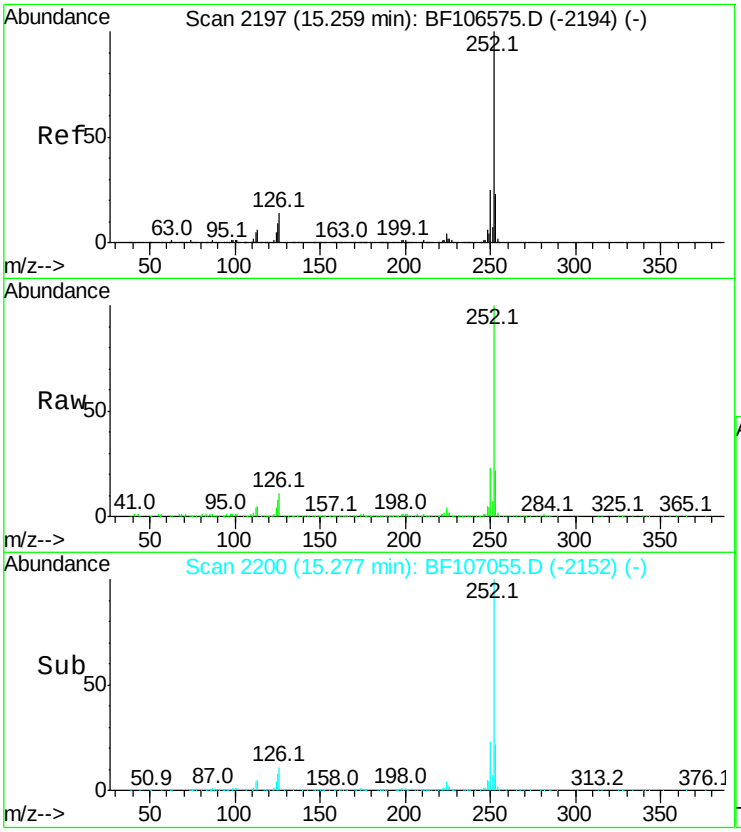




#87
Benzo(b)fluoranthene
Concen: 42.338 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:252 Resp: 304326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.0 | 25.6 |
| 125 | 7.8 | 9.0 | 13.6# |



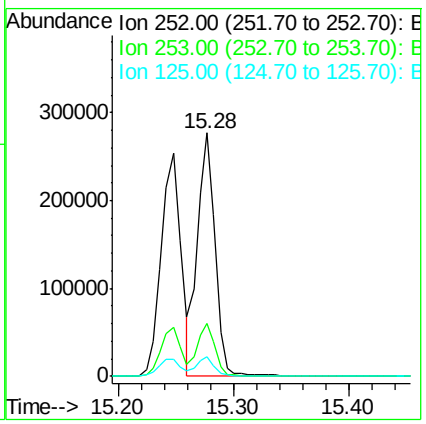


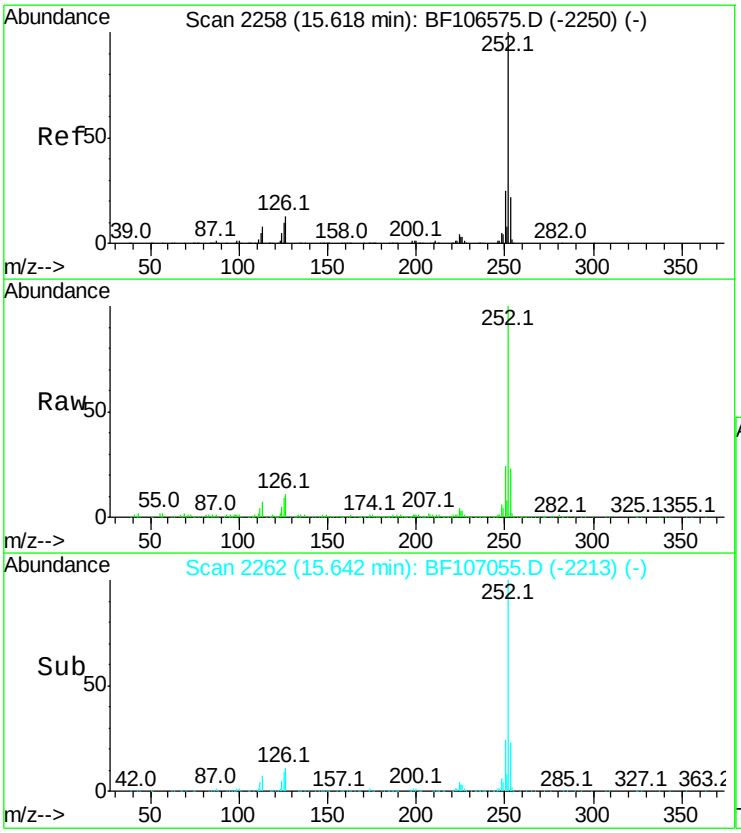

#88
Benzo(k)fluoranthene
Concen: 43.405 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:252 Resp: 297108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.9 | 26.9 |
| 125 | 8.0 | 10.2 | 15.2# |

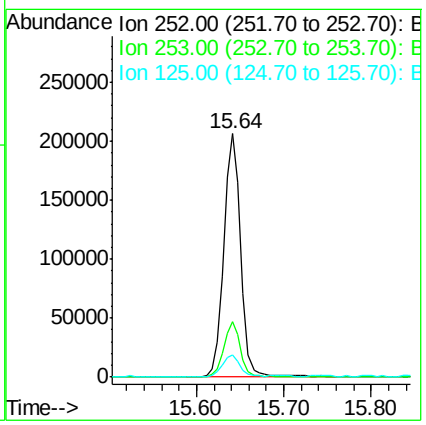


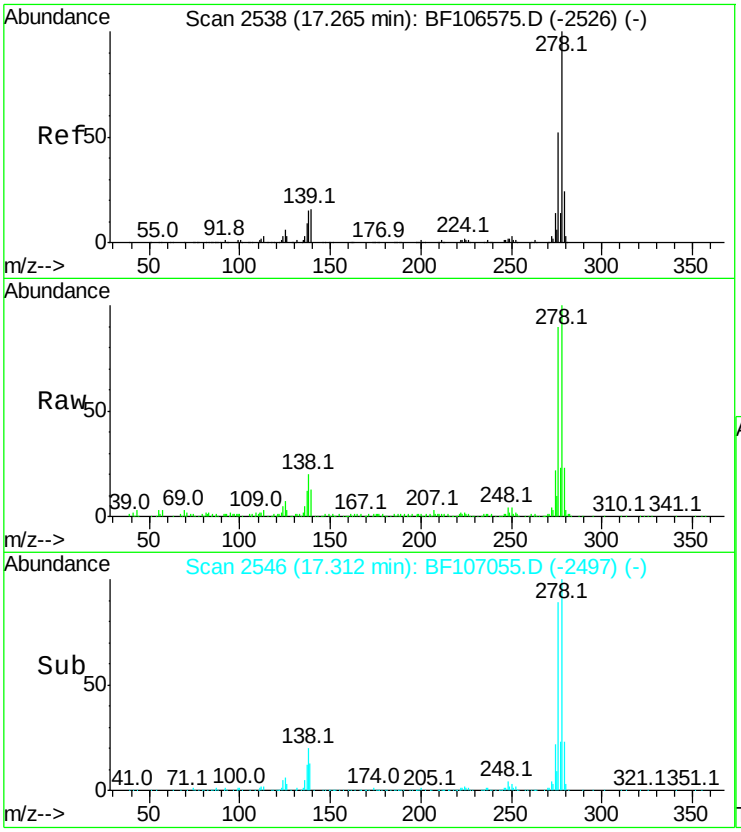




#89
Benzo(a)pyrene
Concen: 43.083 ng
RT: 15.64 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:252 Resp: 275296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.1 | 25.7 |
| 125 | 9.2 | 9.8 | 14.6# |



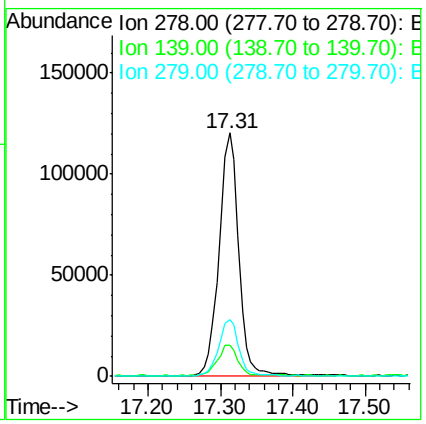


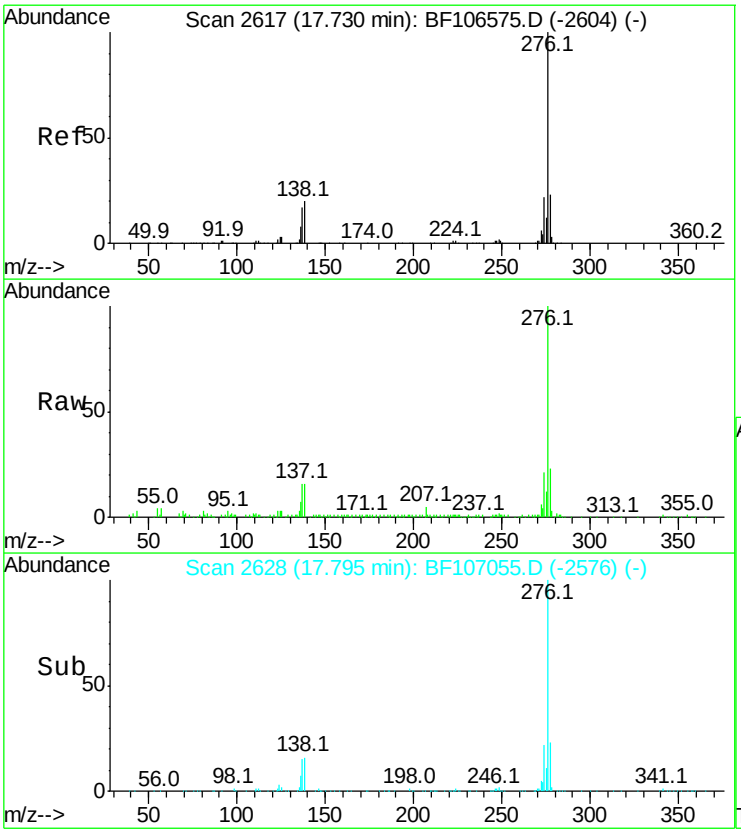

#90
Dibenzo(a,h)anthracene
Concen: 42.442 ng
RT: 17.31 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

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

Tgt Ion:278 Resp: 229842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.0 | 15.9 | 23.9# |
| 279 | 23.1 | 19.0 | 28.4 |




#91
Benzo(g,h,i)perylene
Concen: 41.945 ng
RT: 17.79 min Scan# 2628
Delta R.T. 0.01 min
Lab File: BF107055.D
Acq: 2 Jul 2018 20:12

Tgt Ion:276 Resp: 222021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.9 | 17.9 | 26.9 |
| 138 | 16.2 | 21.8 | 32.8# |