Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101722.D
Acq On : 26 Dec 2017 19:19
Operator : SJ/JU
Sample : PB105334BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB105334BS

Quant Time: Dec 27 04:55:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 140848 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 574896 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.82 | 164 | 262294 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 492167 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.97 | 240 | 384348 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.43 | 264 | 340700 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 932251 | 98.59 | ng | | 0.01 |
| 7) Phenol-d6 | 6.43 | 99 | 1078274 | 91.63 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 696131 | 67.40 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 260375 | 103.02 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.15 | 172 | 1204013 | 71.21 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.90 | 244 | 1191817 | 74.76 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.60 | 88 | 145640 | 29.976 | ng | | 97 |
| 3) Pyridine | 3.36 | 79 | 328876 | 24.363 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.32 | 42 | 172983 | 27.832 | ng | | 98 |
| 6) Aniline | 6.46 | 93 | 201195 | 12.303 | ng | # | 82 |
| 8) 2-Chlorophenol | 6.57 | 128 | 322331 | 32.406 | ng | | 95 |
| 9) Benzaldehyde | 6.36 | 77 | 136594 | 15.717 | ng | | 99 |
| 10) Phenol | 6.45 | 94 | 405015 | 30.197 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 322570 | 30.660 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.73 | 146 | 362655 | 32.305 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.80 | 146 | 371287 | 32.388 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.96 | 146 | 335827 | 32.545 | ng | | 97 |
| 15) Benzyl Alcohol | 6.95 | 79 | 251111 | 31.002 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45 | 554391 | 34.431 | ng | | 49 |
| 17) 2-Methylphenol | 7.05 | 107 | 268074 | 29.299 | ng | # | 90 |
| 18) Hexachloroethane | 7.29 | 117 | 128207 | 32.167 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 236382 | 30.587 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.21 | 107 | 365454 | 37.693 | ng | # | 60 |
| 22) Acetophenone | 7.20 | 105 | 464163 | 35.384 | ng | # | 94 |
| 24) Nitrobenzene | 7.37 | 77 | 363051 | 31.763 | ng | | 97 |
| 25) Isophorone | 7.61 | 82 | 663310 | 32.016 | ng | | 97 |
| 26) 2-Nitrophenol | 7.69 | 139 | 179538 | 36.562 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.73 | 122 | 295777 | 35.455 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93 | 422839 | 32.129 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 287667 | 34.903 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.01 | 180 | 281460 | 32.360 | ng | | 97 |
| 31) Naphthalene | 8.09 | 128 | 932169 | 32.208 | ng | | 99 |
| 32) Benzoic acid | 7.89 | 122 | 170986 | 33.334 | ng | | 100 |
| 33) 4-Chloroaniline | 8.16 | 127 | 90923 | 7.228 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.20 | 225 | 164246 | 32.650 | ng | | 98 |
| 35) Caprolactam | 8.53 | 113 | 59475 | 20.782 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 294671 | 32.529 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.78 | 142 | 621932 | 32.982 | ng | | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.95 | 216 | 300205 | 33.900 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.93 | 237 | 66563 | 48.240 | ng | | 98 |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101722.D
Acq On : 26 Dec 2017 19:19
Operator : SJ/JU
Sample : PB105334BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB105334BS

Quant Time: Dec 27 04:55:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.07 | 196 | 174380 | 32.708 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.13 | 196 | 169441 | 29.026 | ng | | 95 |
| 45) 1,1'-Biphenyl | 9.25 | 154 | 772173 | 33.195 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.27 | 162 | 577574 | 32.450 | ng | | 97 |
| 47) 2-Nitroaniline | 9.39 | 65 | 197958 | 32.196 | ng | | 92 |
| 48) Acenaphthylene | 9.69 | 152 | 849789 | 30.228 | ng | | 99 |
| 49) Dimethylphthalate | 9.55 | 163 | 636271 | 30.158 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.63 | 165 | 144026 | 33.588 | ng | | 94 |
| 51) Acenaphthene | 9.86 | 154 | 522654 | 30.945 | ng | | 99 |
| 52) 3-Nitroaniline | 9.80 | 138 | 71251 | 13.328 | ng | | 100 |
| 53) 2,4-Dinitrophenol | 9.93 | 184 | 90154 | 62.898 | ng | # | 20 |
| 54) Dibenzofuran | 10.03 | 168 | 750848 | 34.981 | ng | | 98 |
| 55) 4-Nitrophenol | 9.99 | 139 | 106844 | 45.834 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 10.04 | 165 | 192128 | 39.768 | ng | # | 89 |
| 57) Fluorene | 10.37 | 166 | 610961 | 33.648 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.16 | 232 | 150194 | 35.811 | ng | | 87 |
| 59) Diethylphthalate | 10.25 | 149 | 664663 | 31.813 | ng | | 97 |
| 60) 4-Chlorophenyl-phenylether | 10.36 | 204 | 296745 | 34.100 | ng | | 91 |
| 61) 4-Nitroaniline | 10.42 | 138 | 155201 | 28.882 | ng | | 91 |
| 62) Azobenzene | 10.52 | 77 | 671558 | 31.028 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 70093 | 27.908 | ng | | 86 |
| 65) n-Nitrosodiphenylamine | 10.49 | 169 | 561430 | 30.894 | ng | | 95 |
| 66) 4-Bromophenyl-phenylether | 10.85 | 248 | 190781 | 34.498 | ng | | 90 |
| 67) Hexachlorobenzene | 10.93 | 284 | 195157 | 33.344 | ng | # | 91 |
| 68) Atrazine | 11.02 | 200 | 186331 | 34.386 | ng | | 96 |
| 69) Pentachlorophenol | 11.13 | 266 | 116898 | 53.707 | ng | | 98 |
| 70) Phenanthrene | 11.34 | 178 | 898651 | 32.833 | ng | | 99 |
| 71) Anthracene | 11.40 | 178 | 940069 | 33.624 | ng | | 99 |
| 72) Carbazole | 11.56 | 167 | 867489 | 33.141 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.86 | 149 | 1061635 | 33.416 | ng | | 99 |
| 74) Fluoranthene | 12.53 | 202 | 955798 | 33.270 | ng | | 99 |
| 76) Benzidine | 12.66 | 184 | 254821 | 15.698 | ng | | 99 |
| 77) Pyrene | 12.76 | 202 | 986173 | 34.188 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.36 | 149 | 448471 | 34.361 | ng | | 98 |
| 80) Benzo(a)anthracene | 13.96 | 228 | 813862 | 32.068 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.92 | 252 | 152095 | 18.379 | ng | # | 97 |
| 82) Chrysene | 13.99 | 228 | 793364 | 33.109 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.92 | 149 | 588120 | 35.575 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.53 | 149 | 1007785 | 34.182 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.91 | 276 | 626381 | 29.354 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 15.01 | 252 | 693745 | 33.407 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 15.03 | 252 | 657095 | 32.544 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.37 | 252 | 642216 | 33.547 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 16.90 | 278 | 525460 | 31.969 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.36 | 276 | 530672 | 32.605 | ng | | 96 |

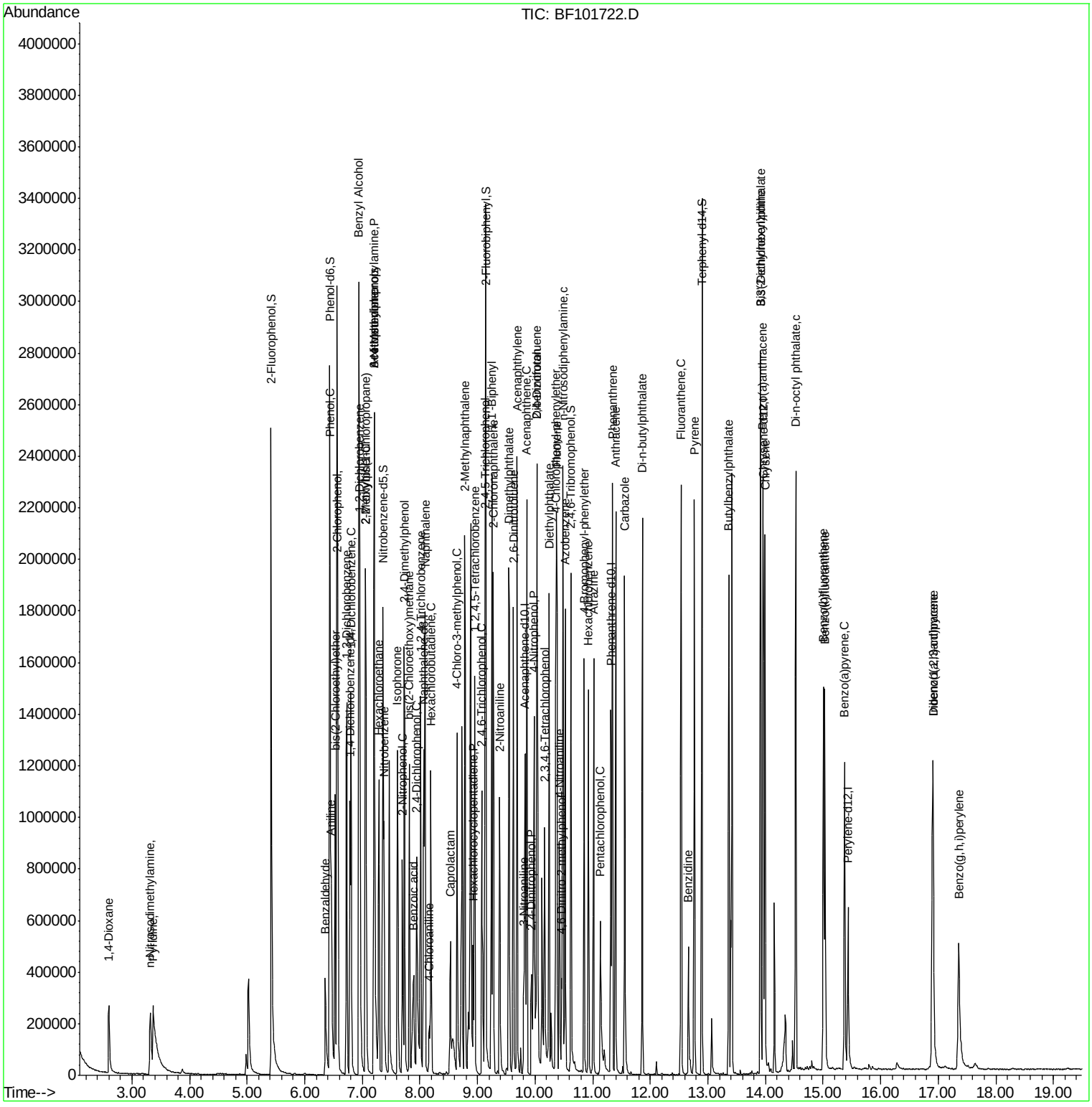
(#) = qualifier out of range (m) = manual integration (+) = signals summed

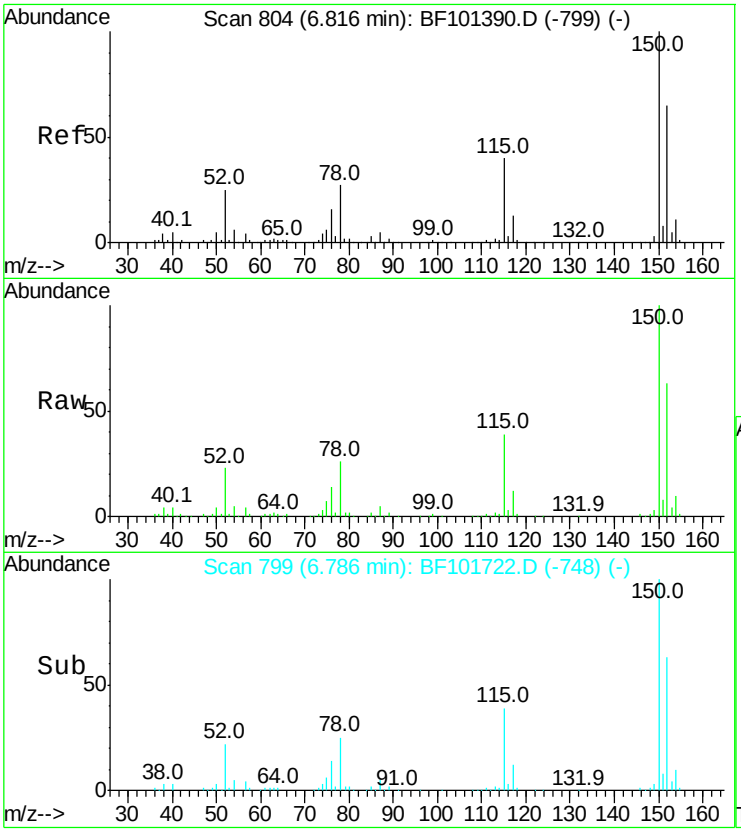
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101722.D
Acq On : 26 Dec 2017 19:19
Operator : SJ/JU
Sample : PB105334BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Quant Time: Dec 27 04:55:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration



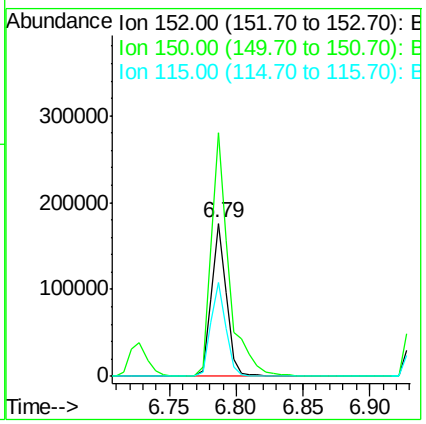


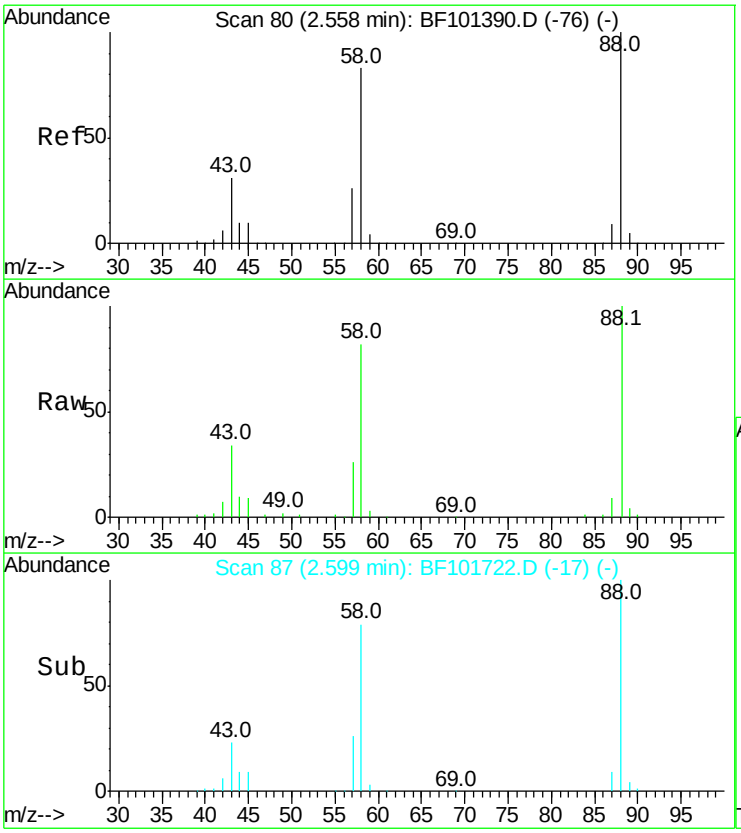

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:152 Resp: 140848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.1 | 124.6 | 186.8 |
| 115 | 61.4 | 50.1 | 75.1 |

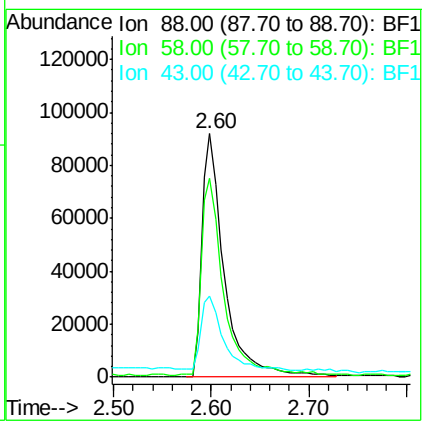


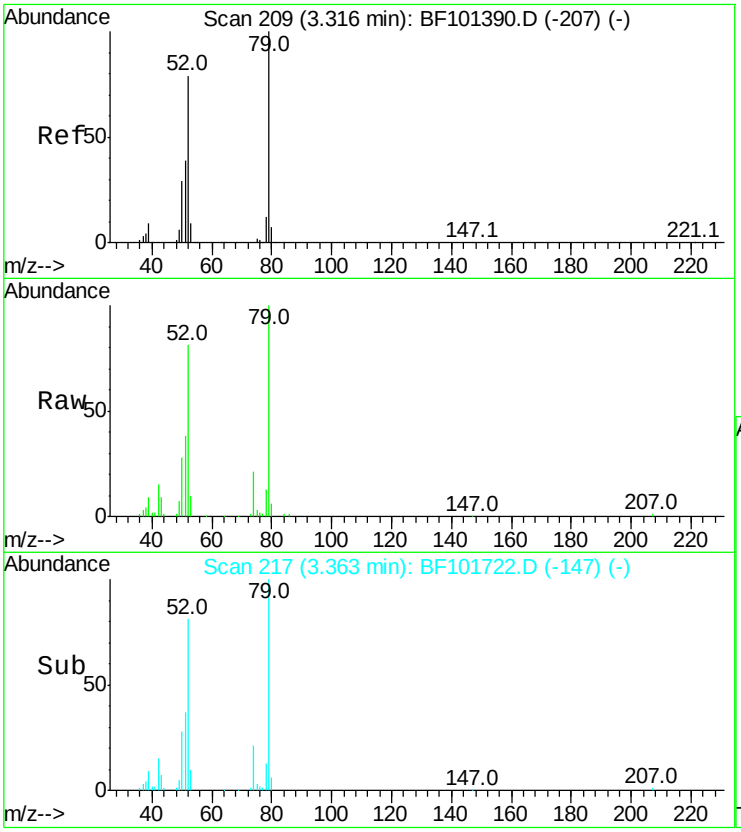




#2
1,4-Dioxane
Concen: 29.976 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.11 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion: 88 Resp: 145640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.6 | 62.6 | 93.8 |
| 43 | 31.4 | 24.6 | 37.0 |



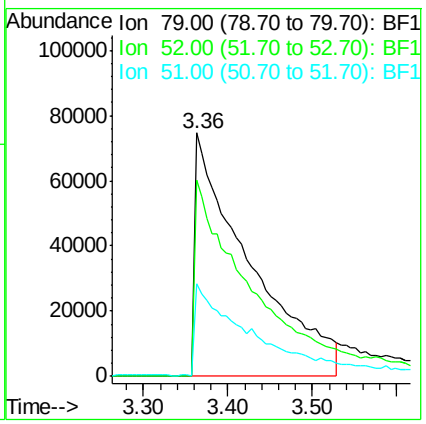


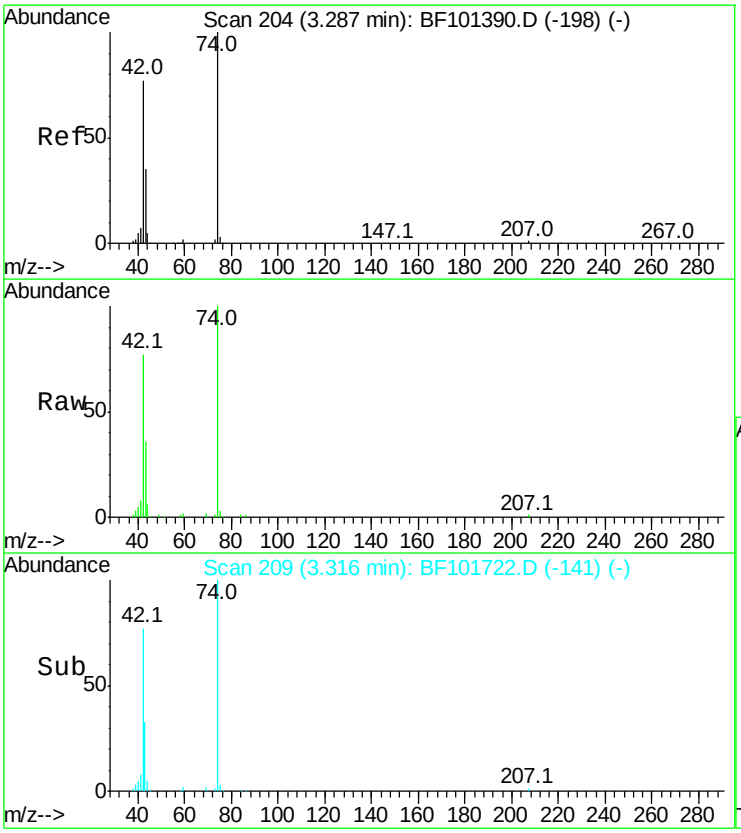

#3
Pyridine
Concen: 24.363 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.11 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion: 79 Resp: 328876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 80.7 | 59.8 | 89.6 |
| 51 | 37.8 | 29.8 | 44.8 |

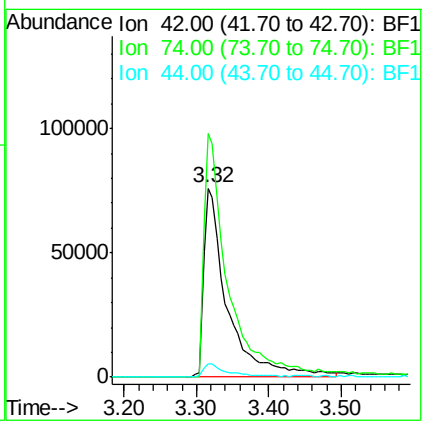


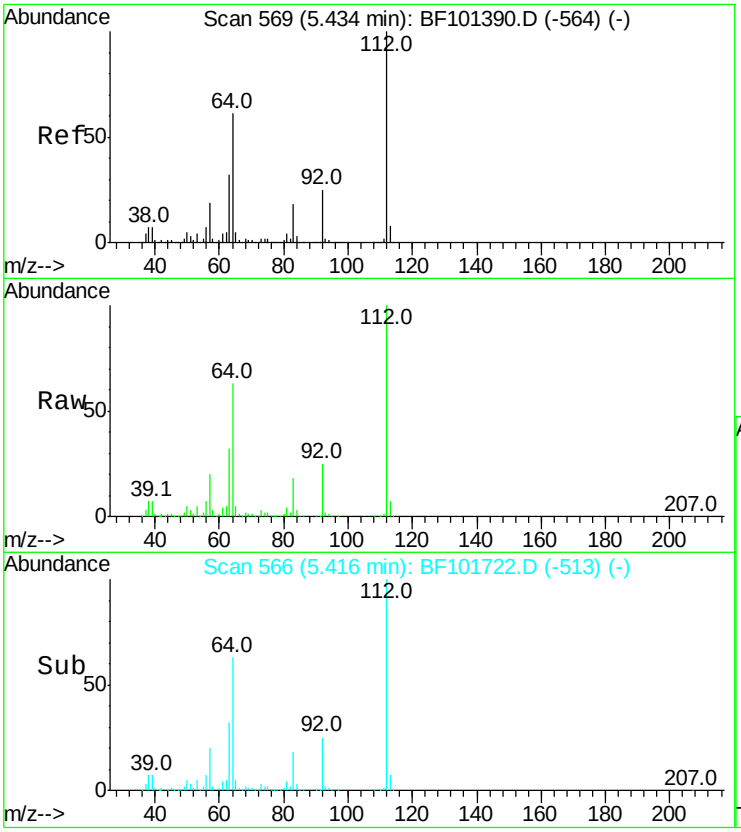




#4
n-Nitrosodimethylamine
Concen: 27.832 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.10 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion: 42 Resp: 172983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 129.1 | 104.9 | 157.3 |
| 44 | 7.2 | 6.9 | 10.3 |



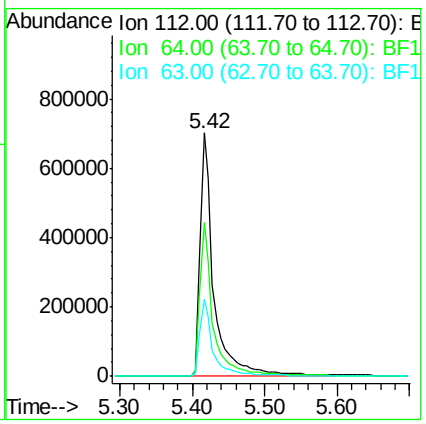


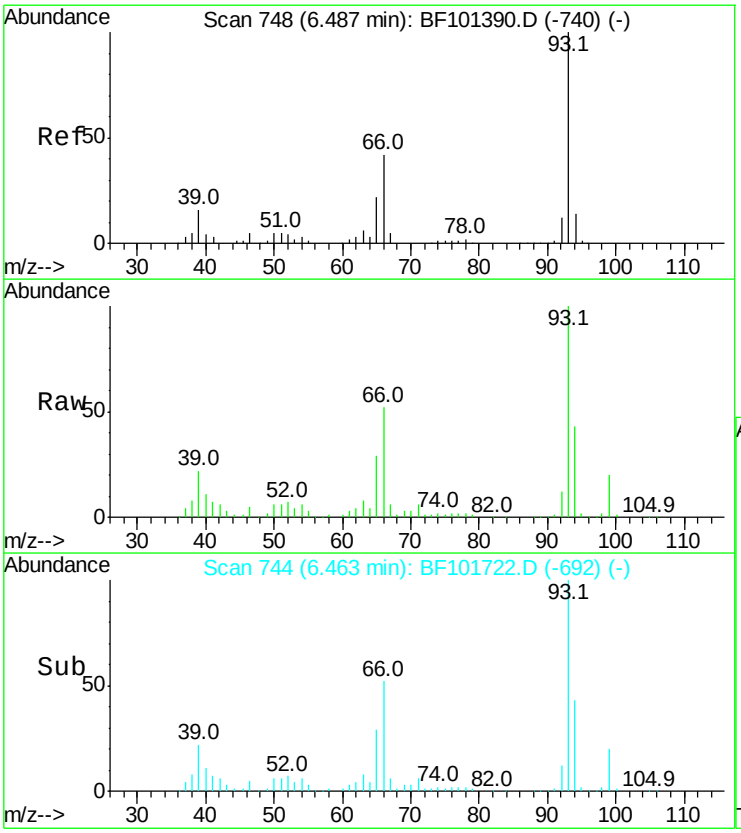

#5
2-Fluorophenol
Concen: 98.593 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:112 Resp: 932251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.3 | 47.9 | 71.9 |
| 63 | 31.8 | 23.7 | 35.5 |

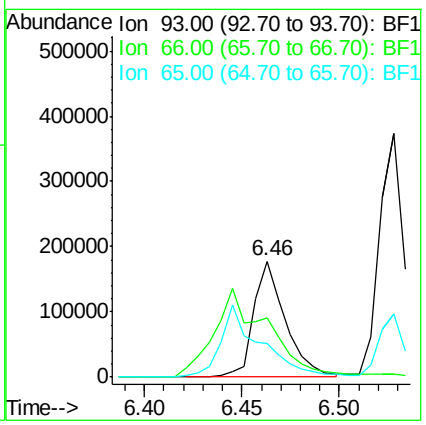


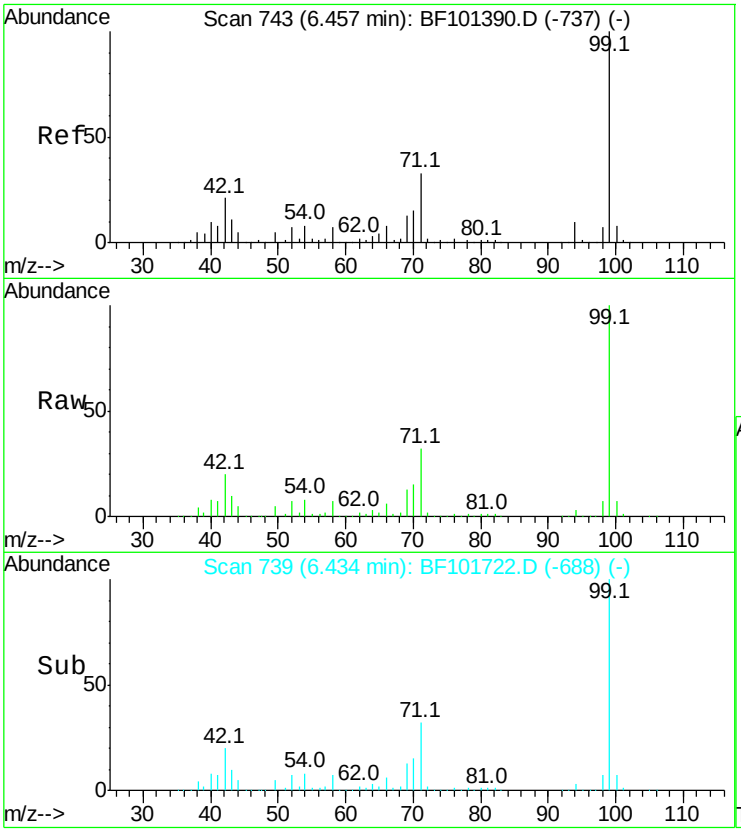




#6
Aniline
Concen: 12.303 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion: 93 Resp: 201195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 51.6 | 32.2 | 48.2# |
| 65 | 28.7 | 16.4 | 24.6# |



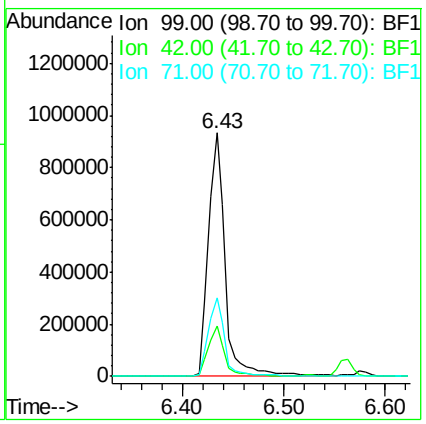


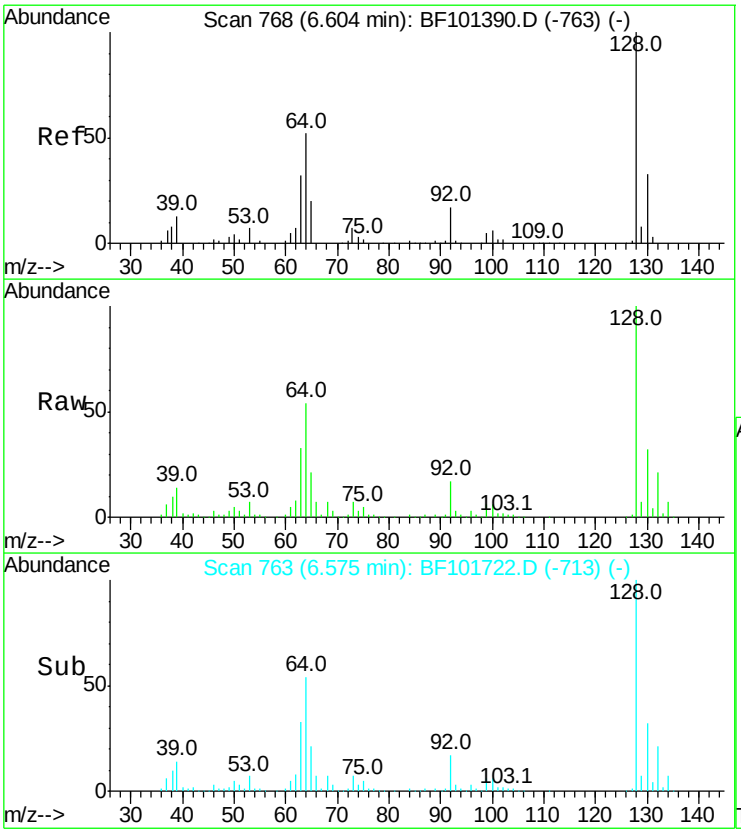

#7
Phenol-d6
Concen: 91.629 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion: 99 Resp: 1078274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.5 | 14.5 | 21.7 |
| 71 | 32.3 | 25.4 | 38.0 |

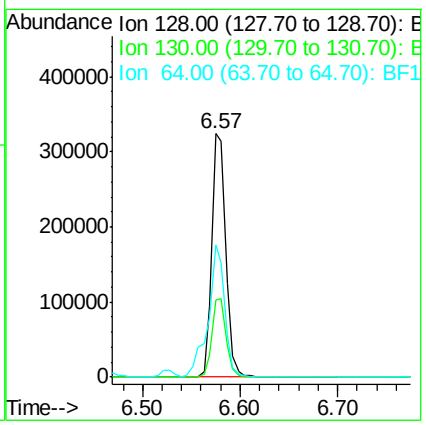


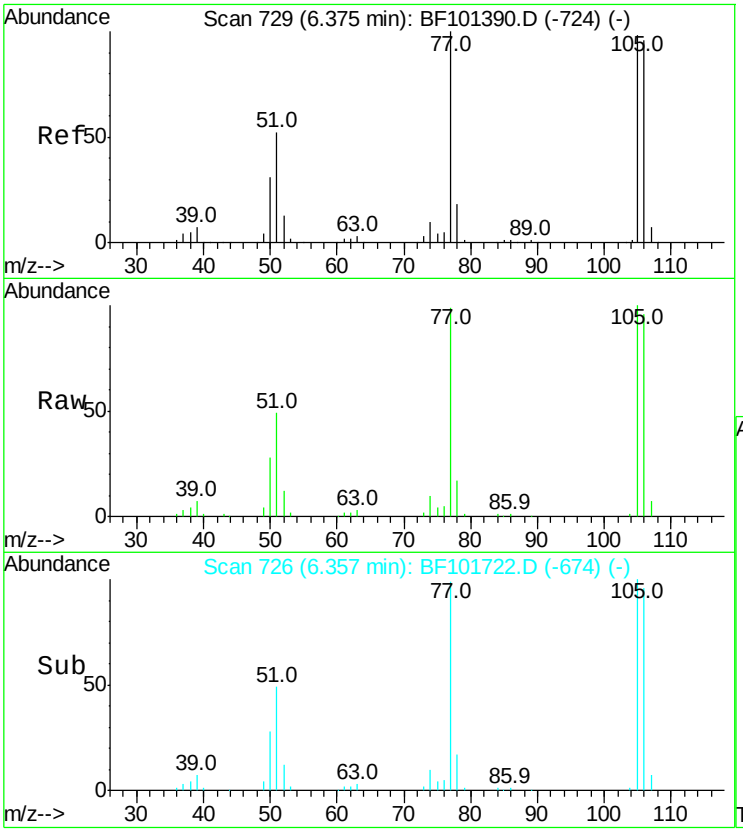




#8
2-Chlorophenol
Concen: 32.406 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:128 Resp: 322331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.6 | 13.0 | 53.0 |
| 64 | 54.3 | 29.4 | 69.4 |



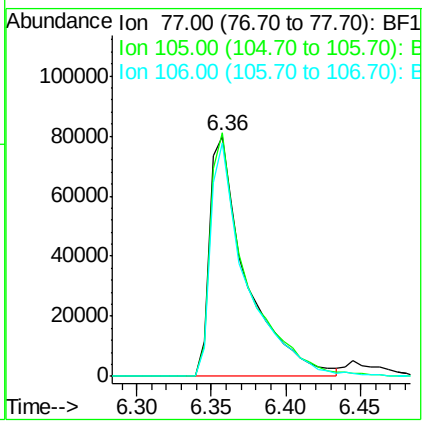


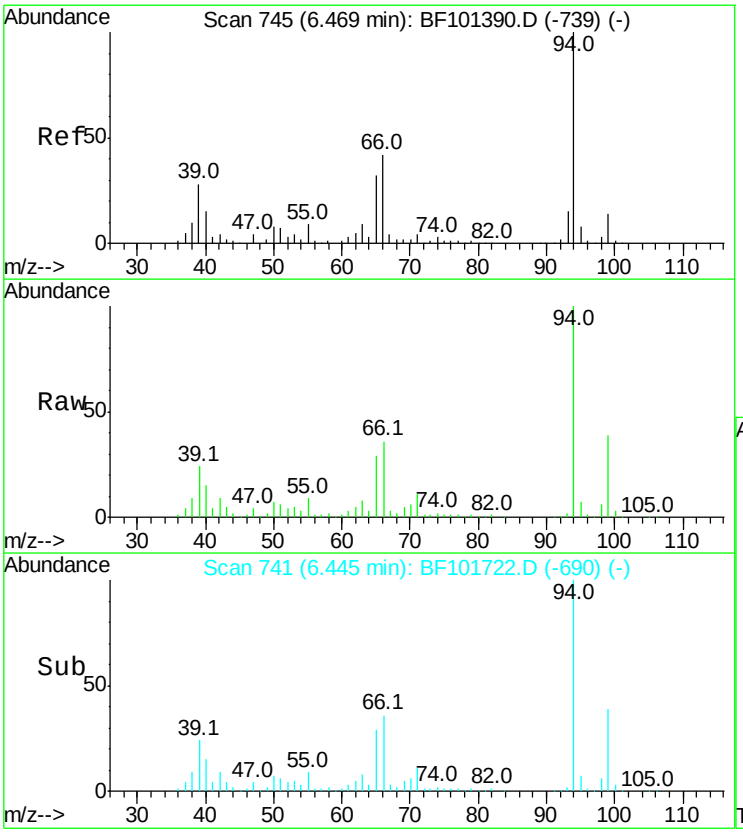

#9
Benzaldehyde
Concen: 15.717 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion: 77 Resp: 136594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 101.3 | 81.1 | 121.1 |
| 106 | 97.0 | 74.5 | 114.5 |

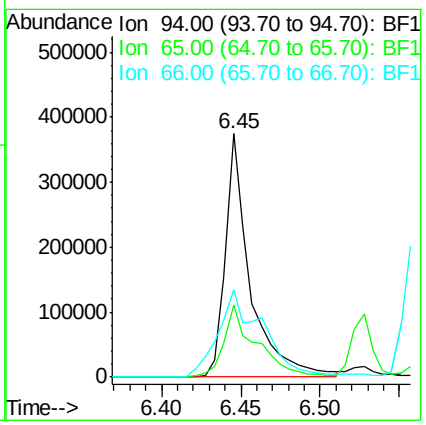


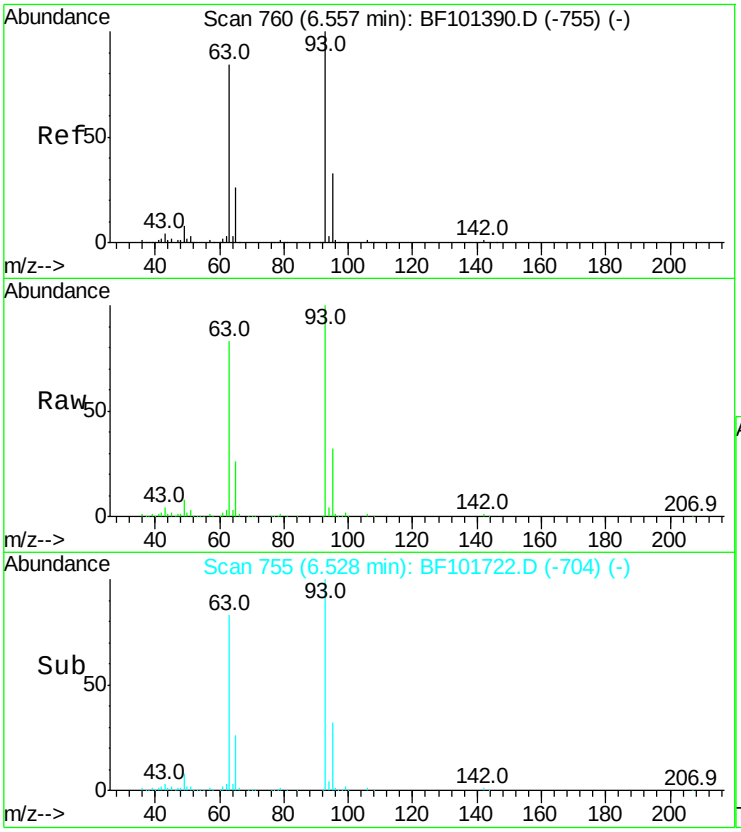




#10
Phenol
Concen: 30.197 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion: 94 Resp: 405015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.5 | 7.9 | 47.9 |
| 66 | 36.1 | 16.2 | 56.2 |



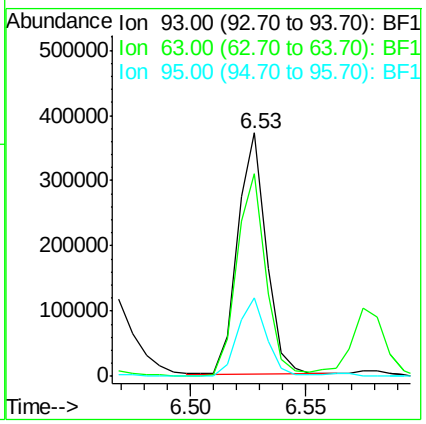


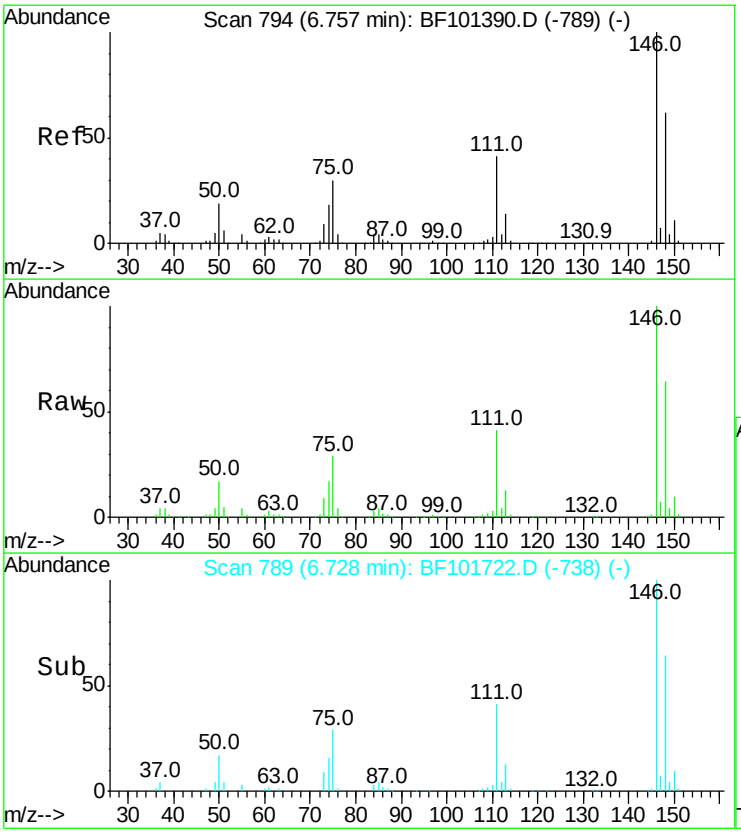

#11
bis(2-Chloroethyl)ether
Concen: 30.660 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion: 93 Resp: 322570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.5 | 58.6 | 98.6 |
| 95 | 32.1 | 11.8 | 51.8 |

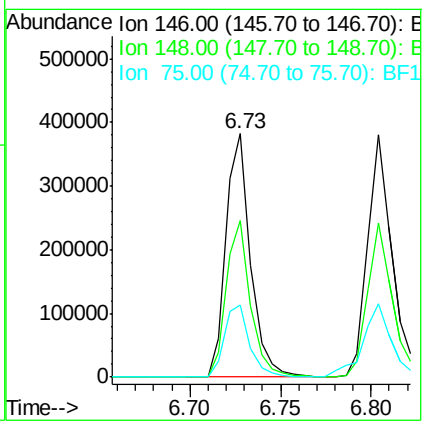


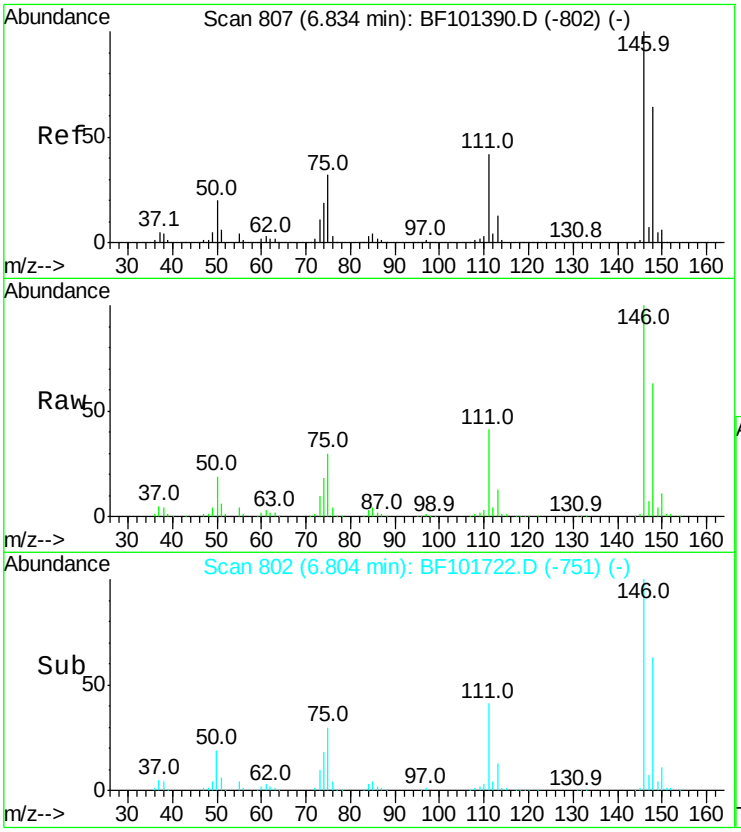




#12
1,3-Dichlorobenzene
Concen: 32.305 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:146 Resp: 362655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 51.8 | 77.8 |
| 75 | 29.5 | 24.2 | 36.4 |



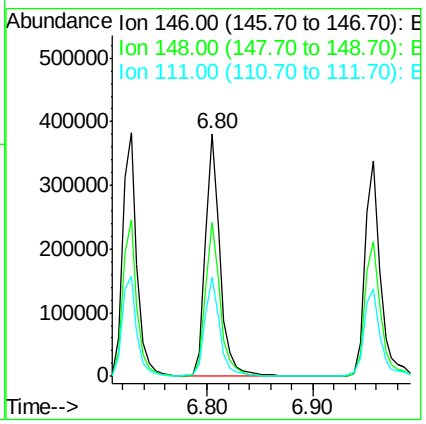


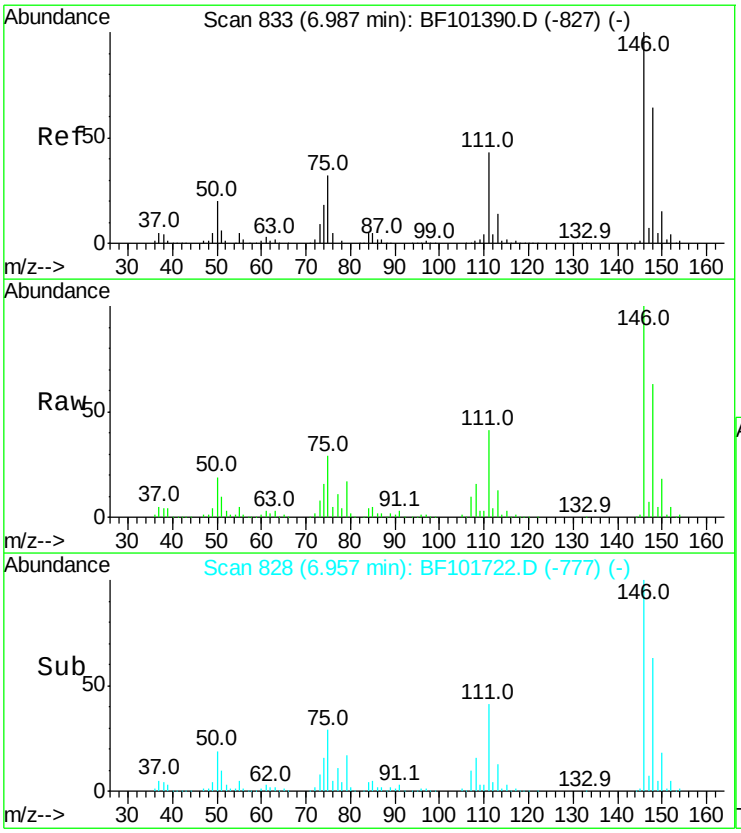

#13
1,4-Dichlorobenzene
Concen: 32.388 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:146 Resp: 371287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.2 | 50.8 | 76.2 |
| 111 | 40.7 | 34.2 | 51.2 |

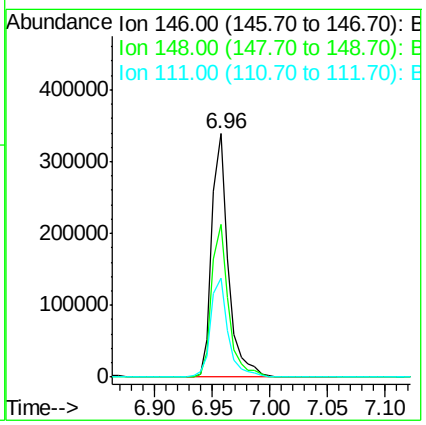


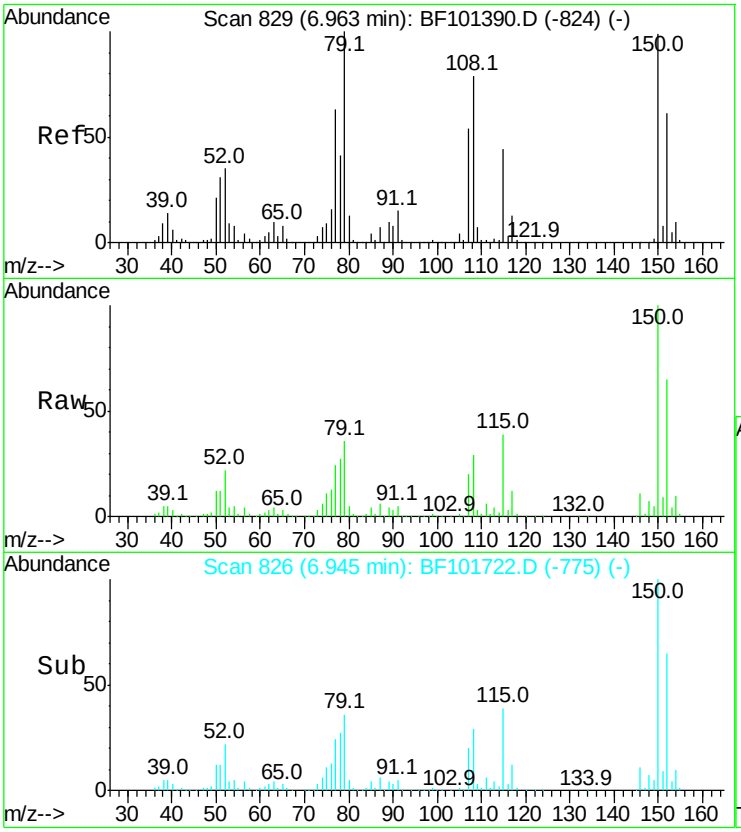




#14
1,2-Dichlorobenzene
Concen: 32.545 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:146 Resp: 335827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.7 | 50.6 | 75.8 |
| 111 | 40.8 | 36.0 | 54.0 |



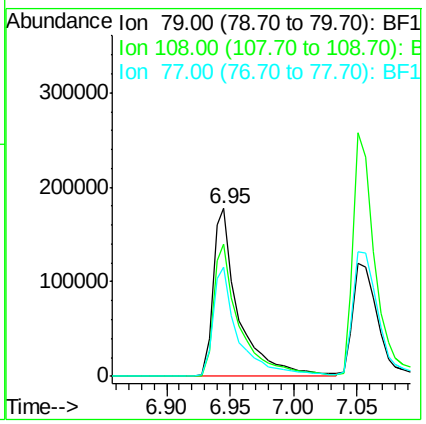


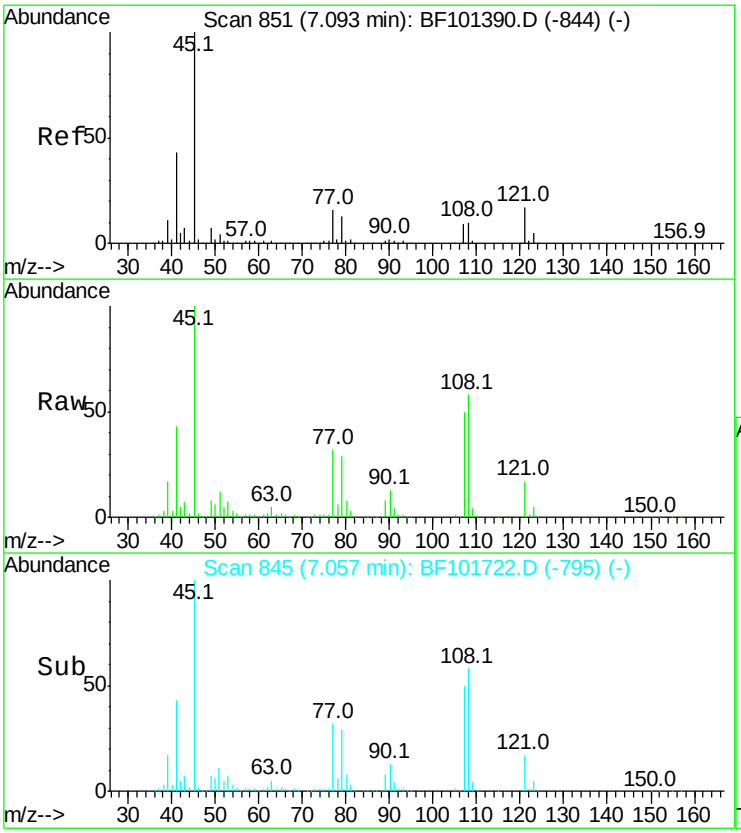

#15
Benzyl Alcohol
Concen: 31.002 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion: 79 Resp: 251111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.7 | 65.1 | 97.7 |
| 77 | 65.2 | 50.6 | 75.8 |

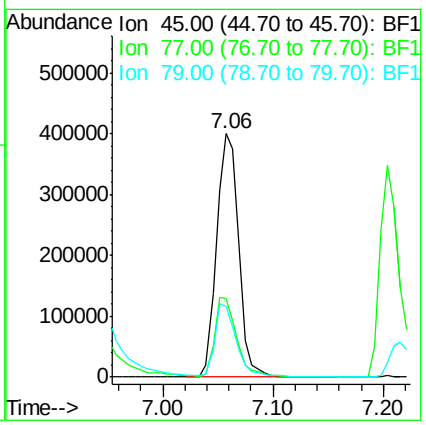


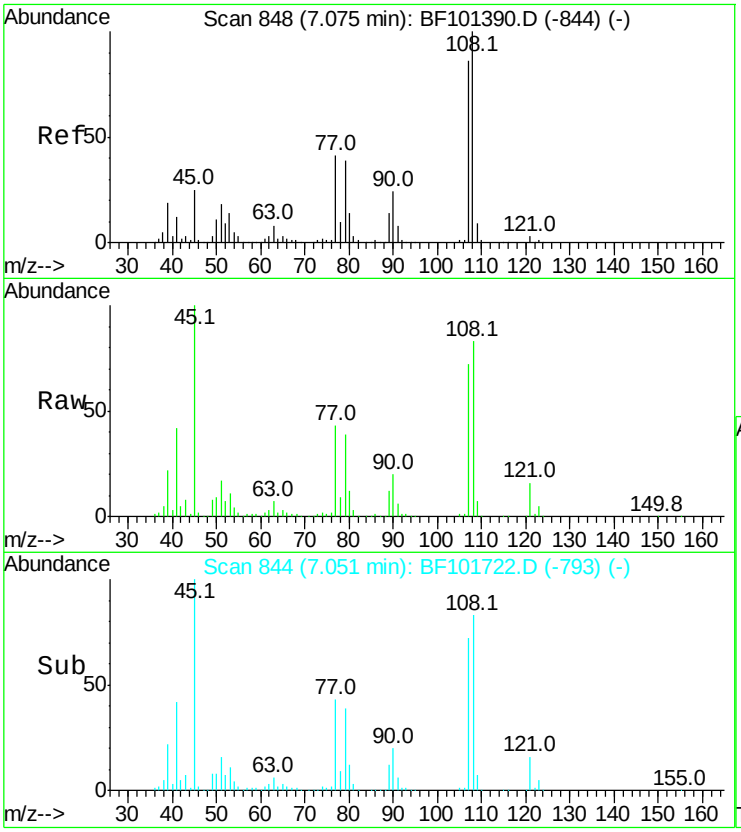




#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.431 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion: 45 Resp: 554391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 32.5 | 0.0 | 32.9 |
| 79 | 29.0 | 0.0 | 29.6 |



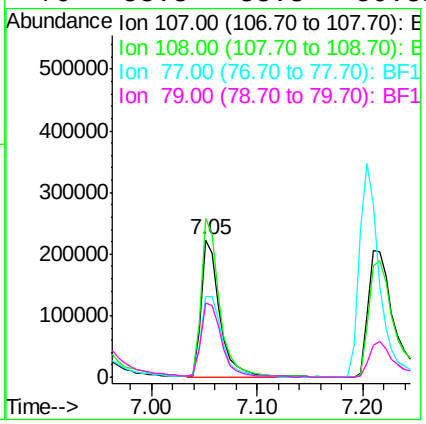


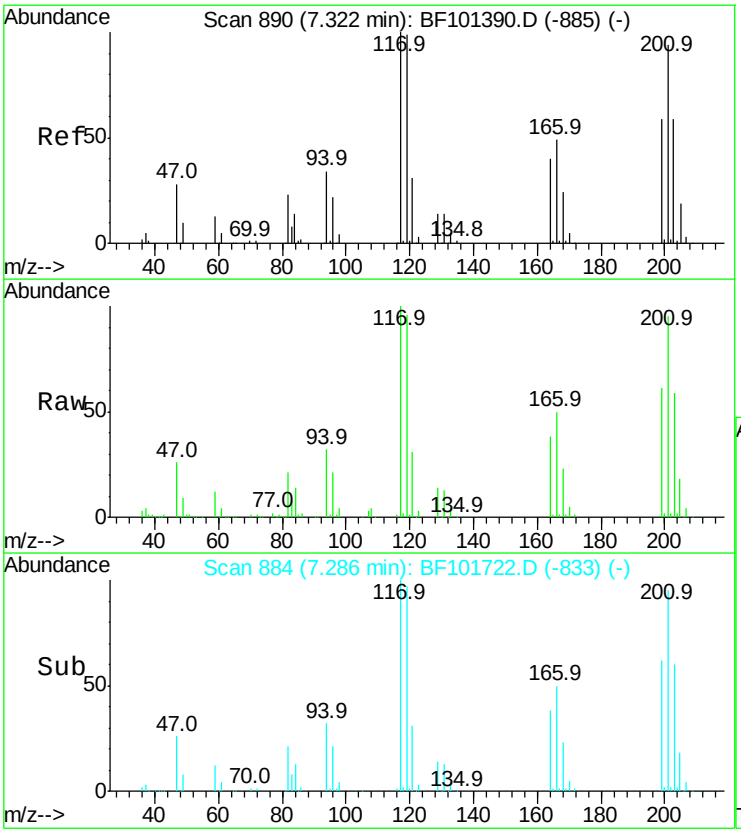

#17
2-Methylphenol
Concen: 29.299 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:107 Resp: 268074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.6 | 91.7 | 137.5 |
| 77 | 58.9 | 33.8 | 50.8# |
| 79 | 53.8 | 33.8 | 50.8# |

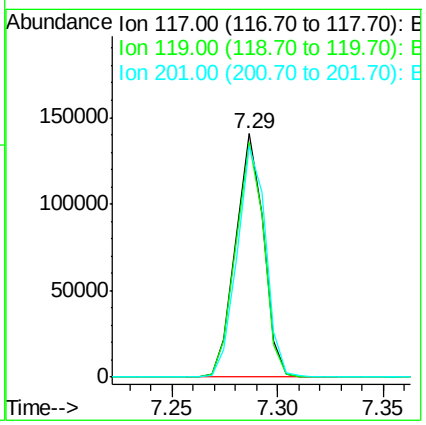


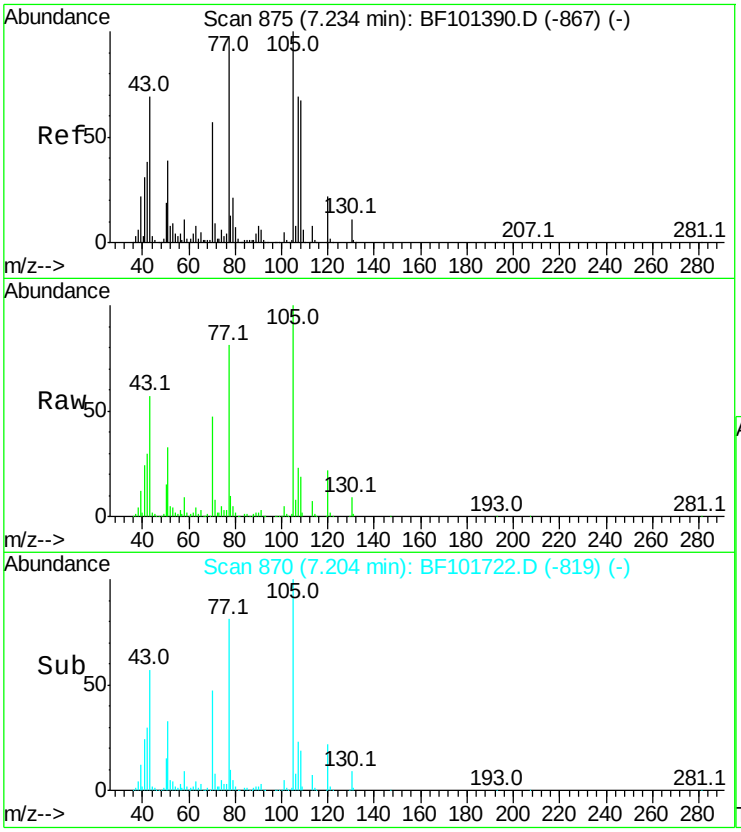




#18
Hexachloroethane
Concen: 32.167 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:117 Resp: 128207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.3 | 75.8 | 113.8 |
| 201 | 94.7 | 75.7 | 113.5 |



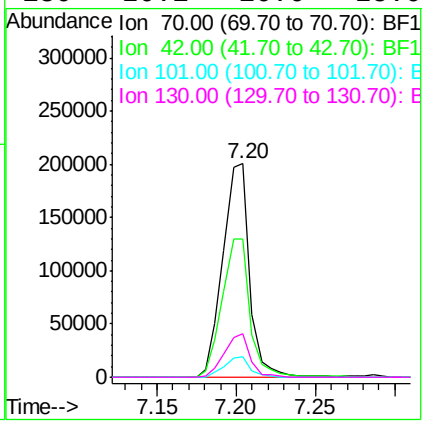


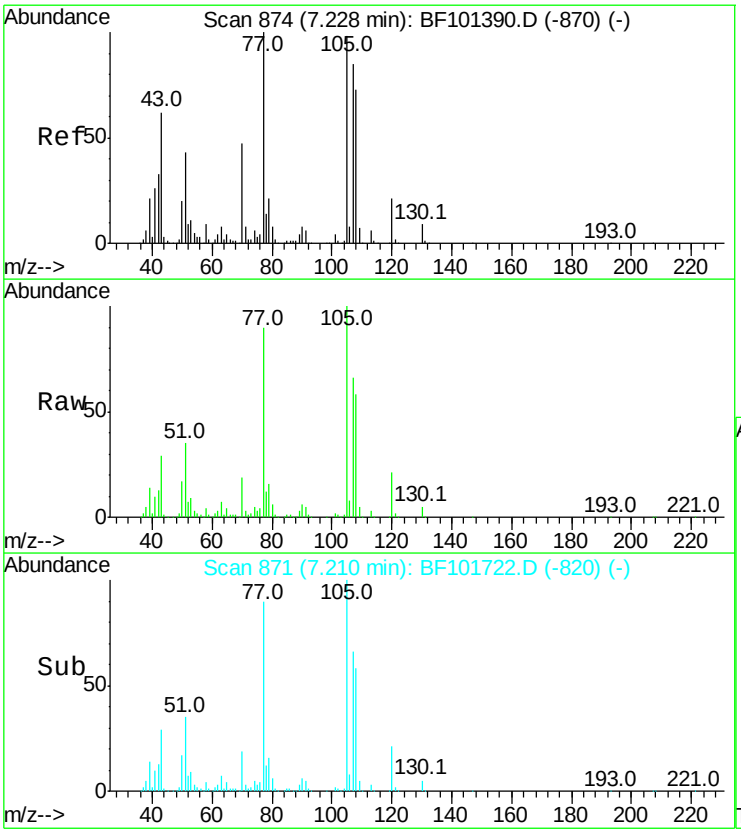

#19
n-Nitroso-di-n-propylamine
Concen: 30.587 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion: 70 Resp: 236382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.6 | 47.5 | 71.3 |
| 101 | 9.6 | 7.4 | 11.2 |
| 130 | 20.1 | 16.6 | 25.0 |

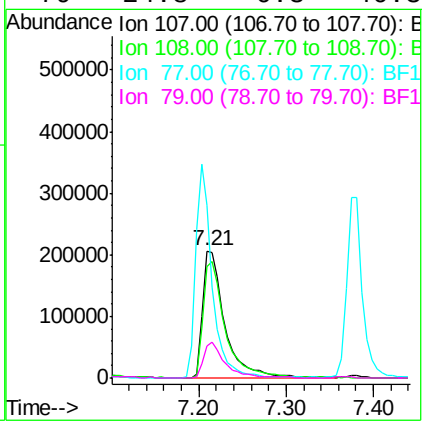


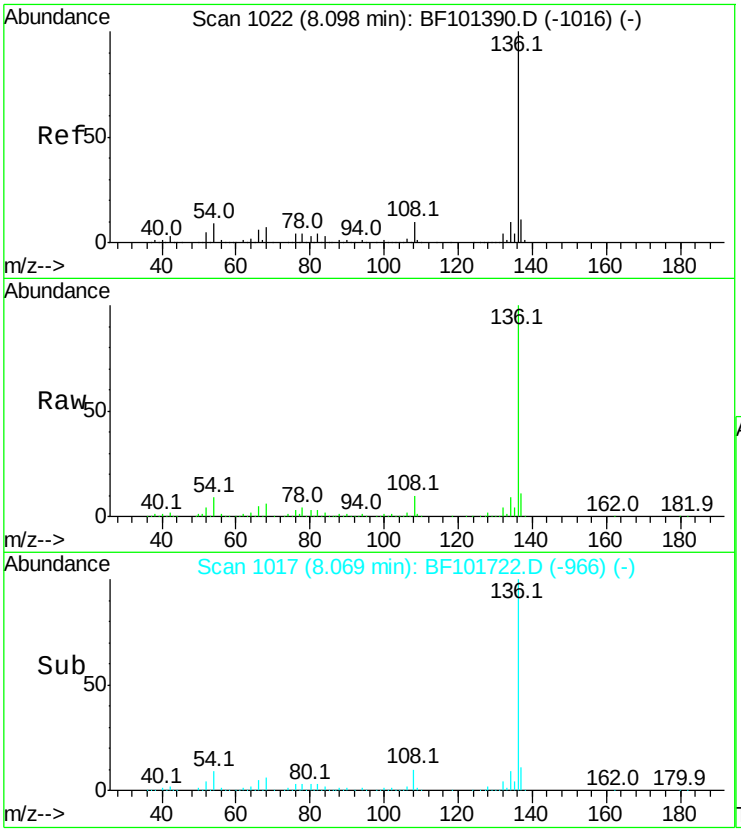




#20
3+4-Methylphenols
Concen: 37.693 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:107 Resp: 365454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.8 | 68.2 | 108.2 |
| 77 | 136.4 | 26.7 | 66.7# |
| 79 | 24.8 | 6.3 | 46.3 |

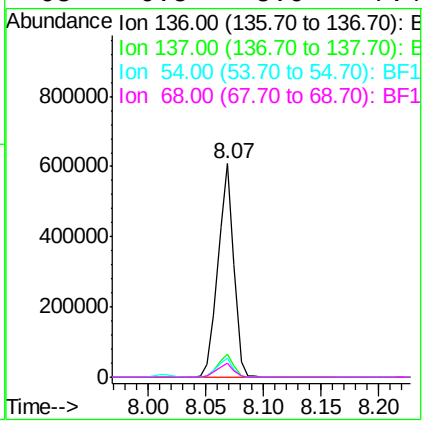




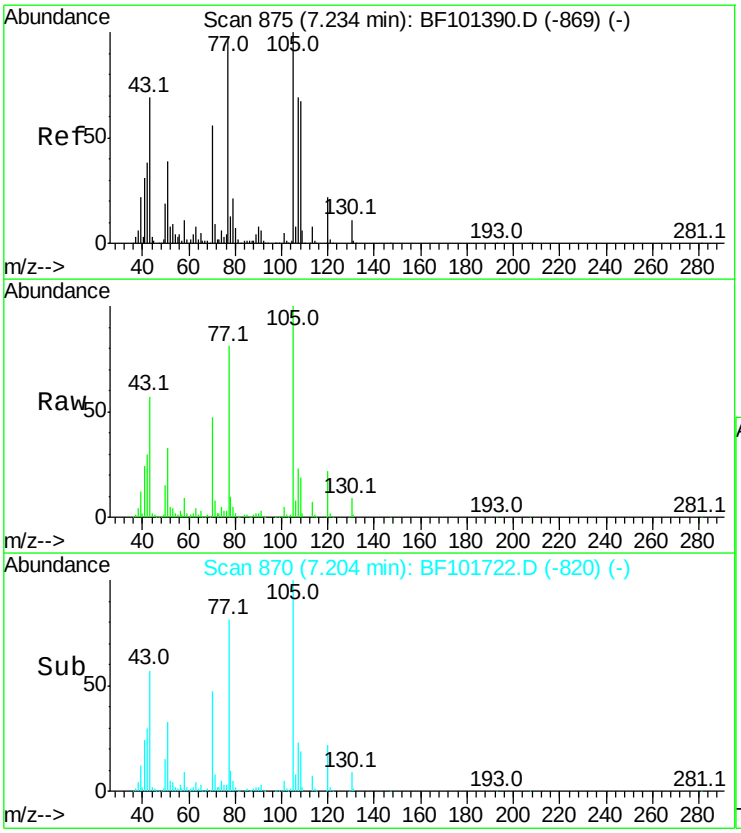

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:136 Resp: 574896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.9 | 13.3 |
| 54 | 9.1 | 6.6 | 9.8 |
| 68 | 6.5 | 5.0 | 7.4 |



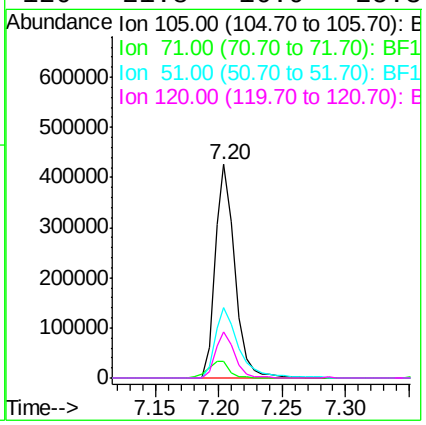

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

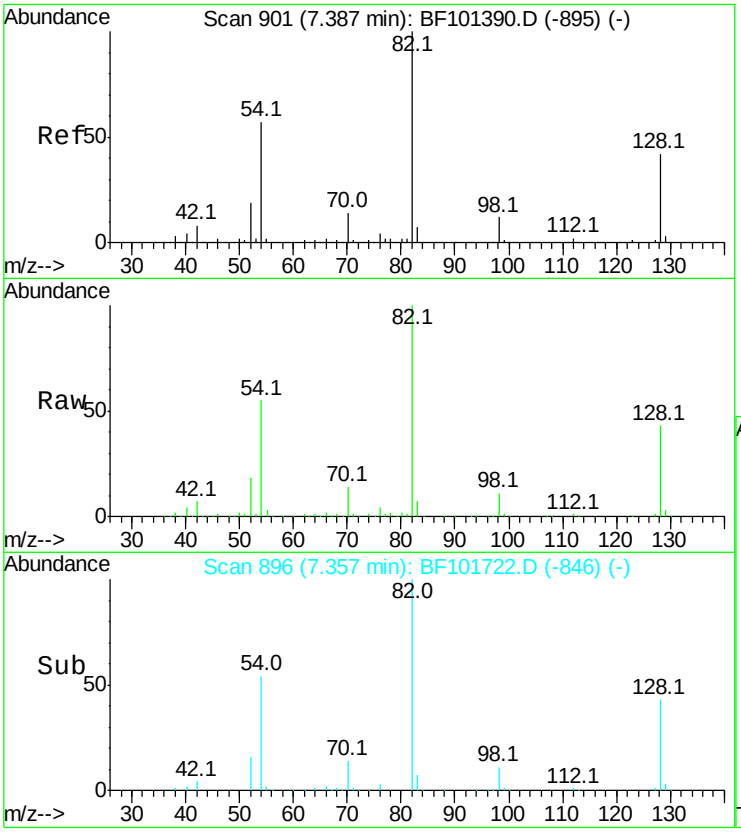



#22
Acetophenone
Concen: 35.384 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:105 Resp: 464163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.7 | 4.4 | 6.6# |
| 51 | 33.1 | 22.3 | 33.5 |
| 120 | 21.8 | 16.9 | 25.3 |



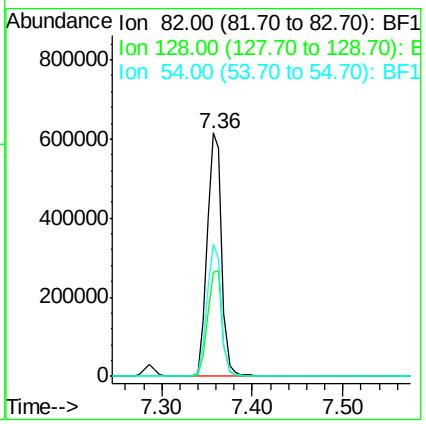


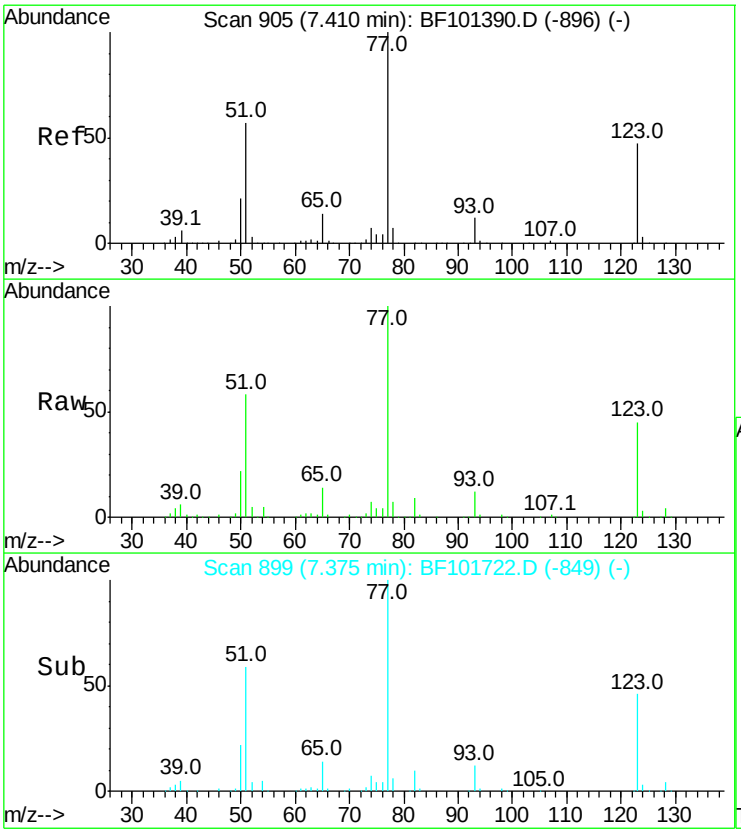

#23
Nitrobenzene-d5
Concen: 67.405 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion: 82 Resp: 696131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.7 | 36.1 | 54.1 |
| 54 | 54.6 | 41.4 | 62.2 |

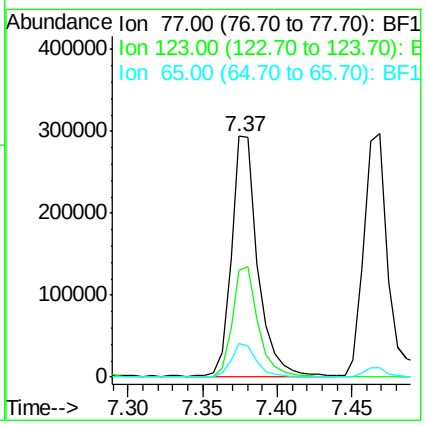


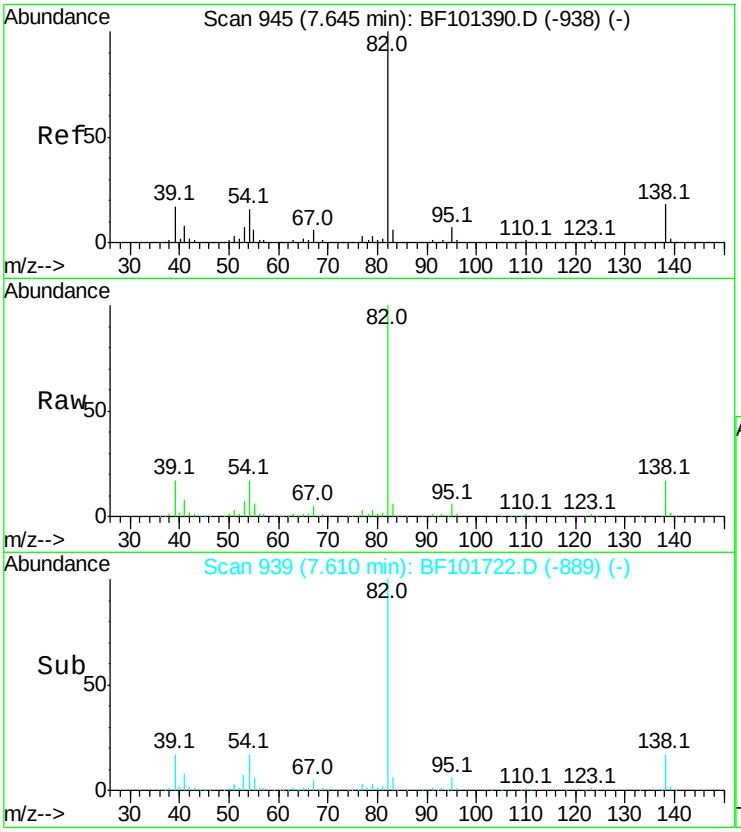




#24
Nitrobenzene
Concen: 31.763 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion: 77 Resp: 363051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.6 | 37.9 | 56.9 |
| 65 | 13.7 | 11.0 | 16.4 |



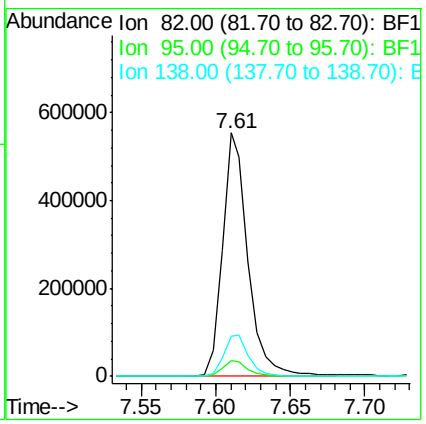


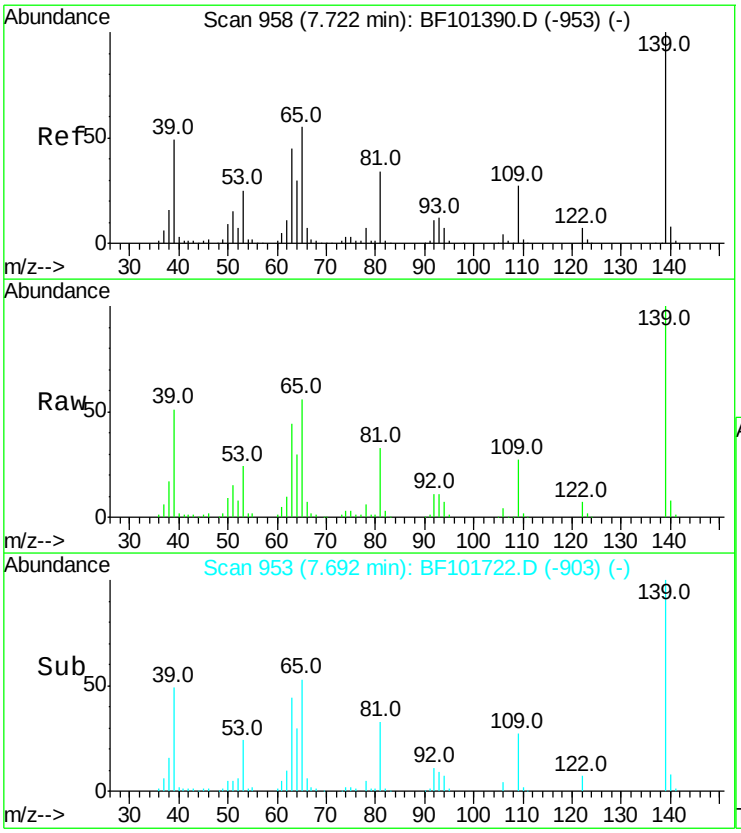

#25
Isophorone
Concen: 32.016 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion: 82 Resp: 663310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.4 | 5.2 | 7.8 |
| 138 | 16.7 | 14.9 | 22.3 |

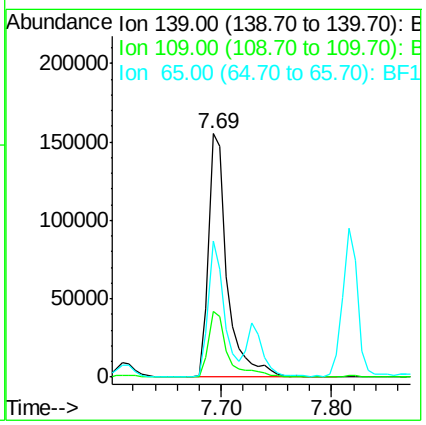


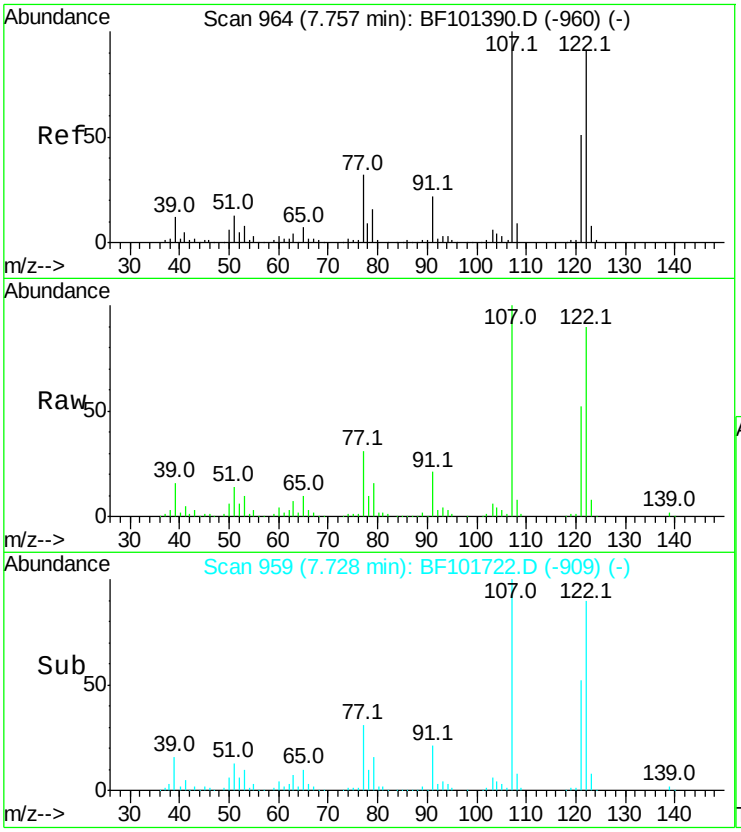




#26
2-Nitrophenol
Concen: 36.562 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:139 Resp: 179538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.2 | 22.7 | 34.1 |
| 65 | 56.0 | 40.5 | 60.7 |



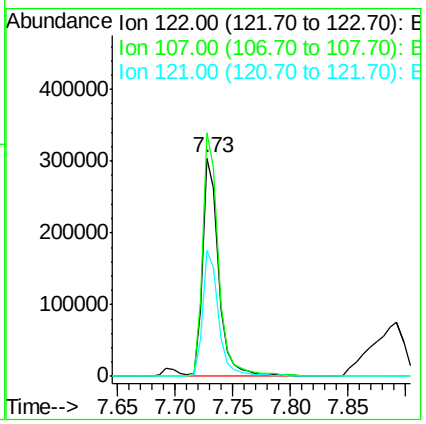


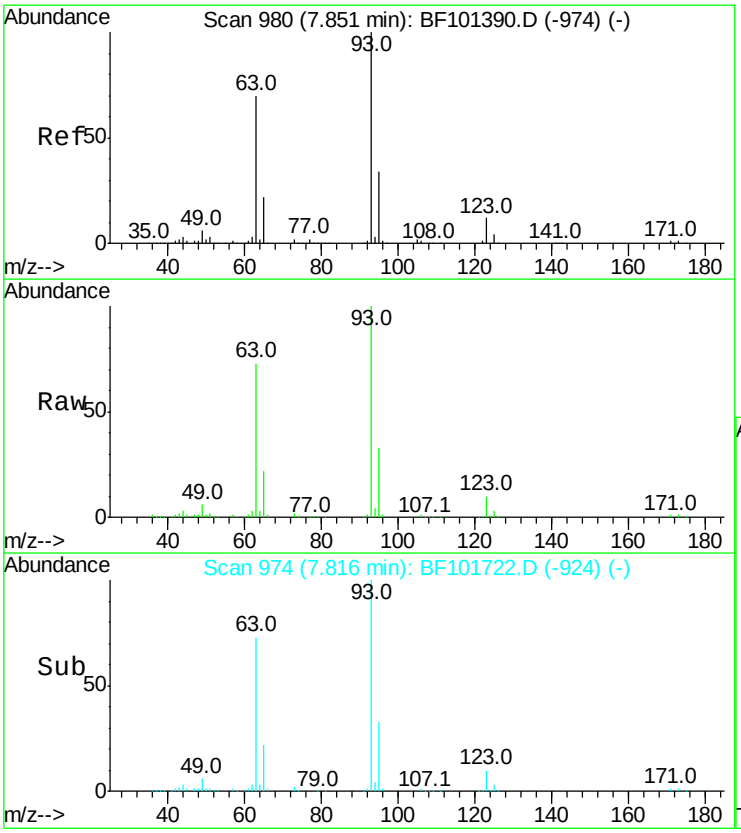

#27
2,4-Dimethylphenol
Concen: 35.455 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:122 Resp: 295777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.6 | 91.2 | 136.8 |
| 121 | 57.8 | 47.2 | 70.8 |

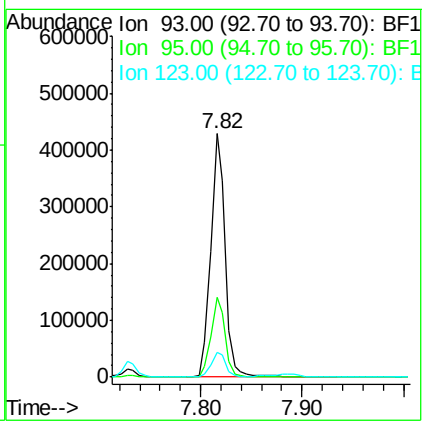


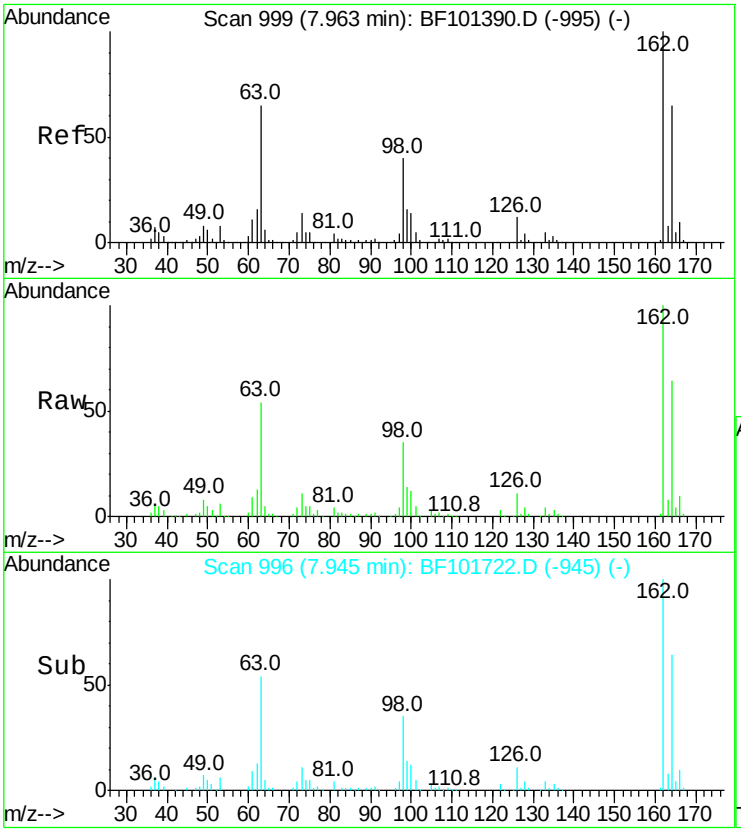




#28
bis(2-Chloroethoxy)methane
Concen: 32.129 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion: 93 Resp: 422839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 26.3 | 39.5 |
| 123 | 10.3 | 9.8 | 14.6 |



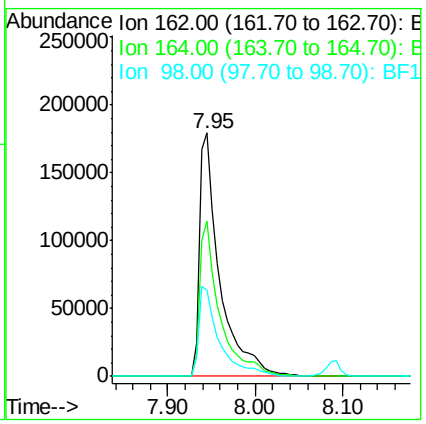


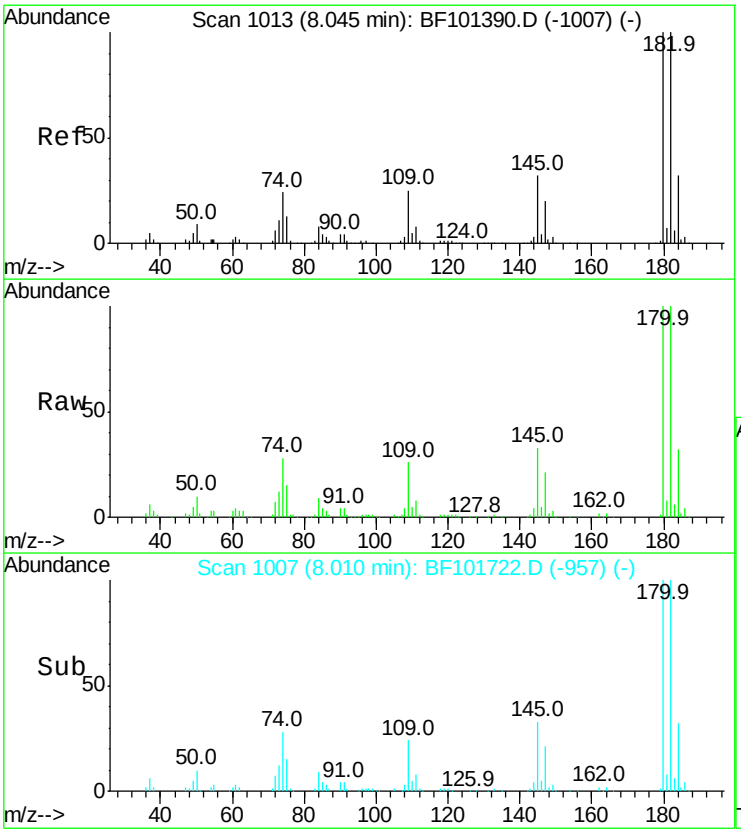

#29
2,4-Dichlorophenol
Concen: 34.903 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:162 Resp: 287667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.7 | 42.7 | 82.7 |
| 98 | 35.5 | 18.1 | 58.1 |

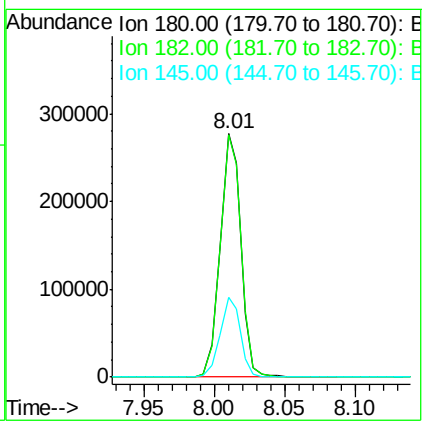


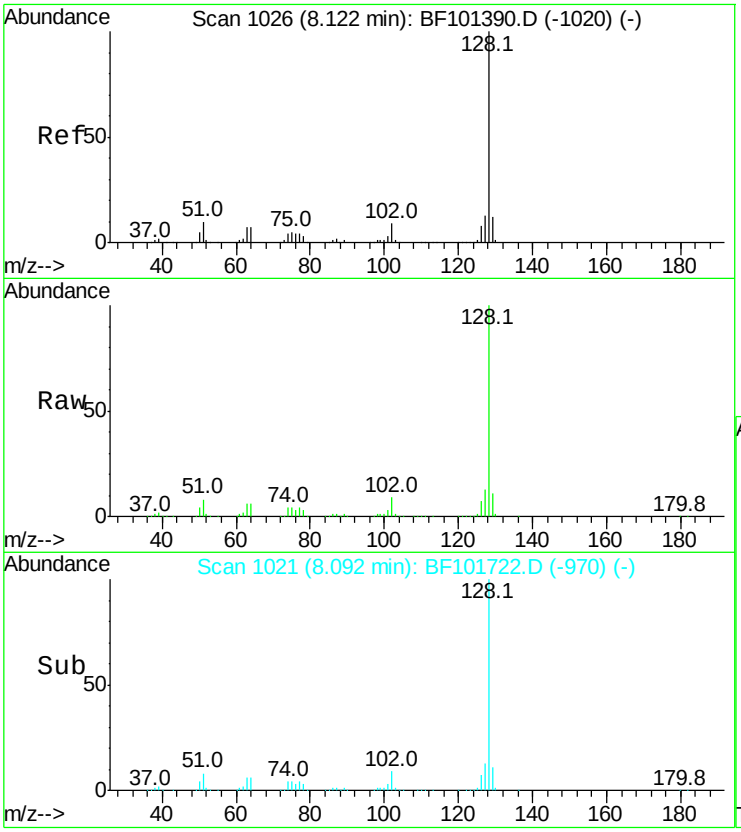




#30
1,2,4-Trichlorobenzene
Concen: 32.360 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:180 Resp: 281460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 99.7 | 76.8 | 115.2 |
| 145 | 32.9 | 26.5 | 39.7 |



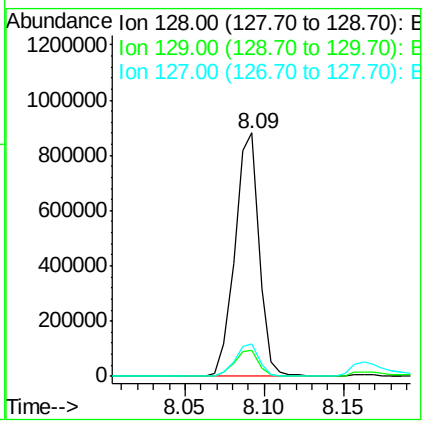


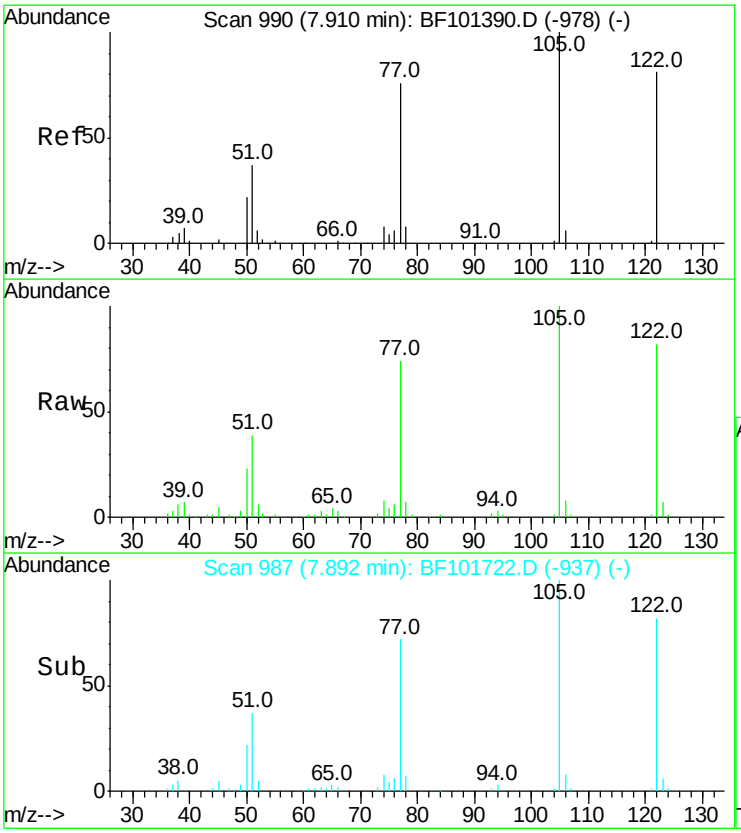

#31
Naphthalene
Concen: 32.208 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:128 Resp: 932169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.8 | 13.2 |
| 127 | 13.4 | 10.9 | 16.3 |

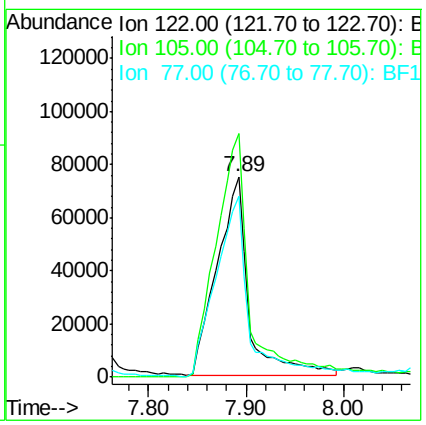


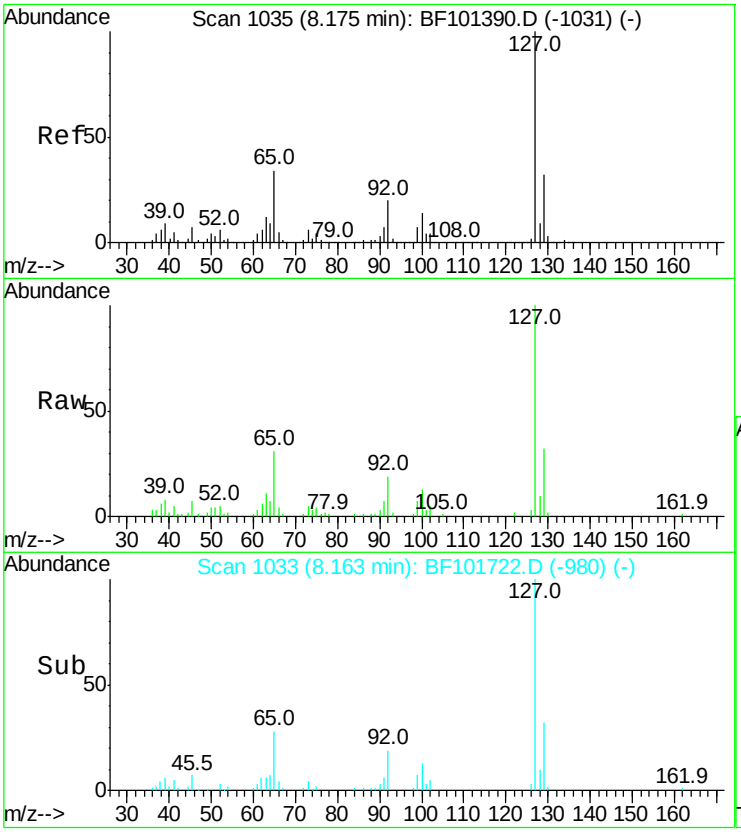




#32
Benzoic acid
Concen: 33.334 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:122 Resp: 170986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.5 | 101.1 | 141.1 |
| 77 | 90.3 | 70.7 | 110.7 |



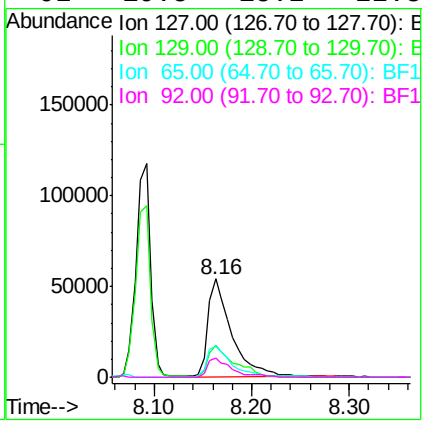


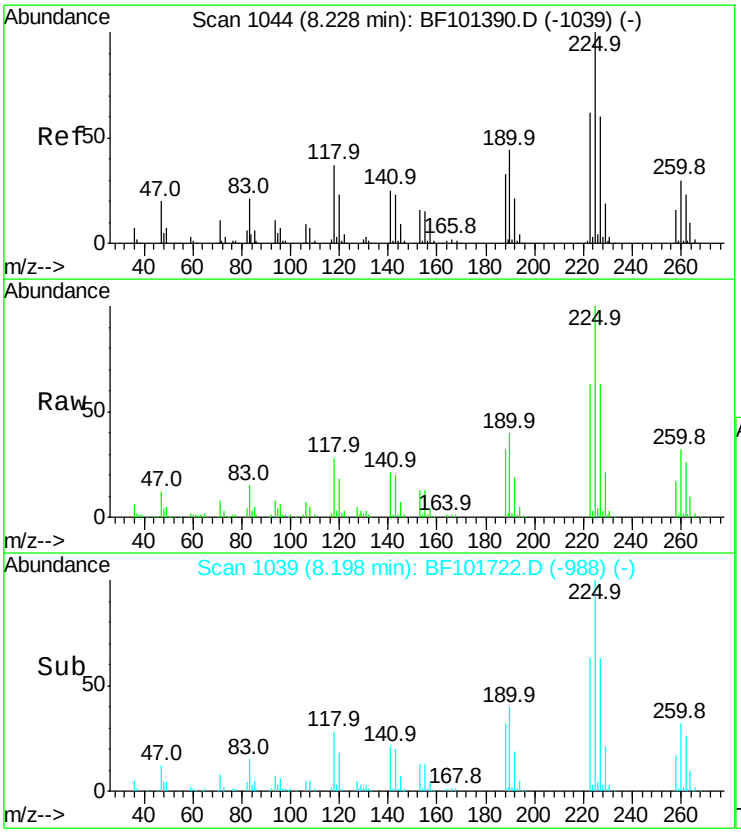

#33
4-Chloroaniline
Concen: 7.228 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:127 Resp: 90923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 25.9 | 38.9 |
| 65 | 30.8 | 25.0 | 37.4 |
| 92 | 19.5 | 15.2 | 22.8 |

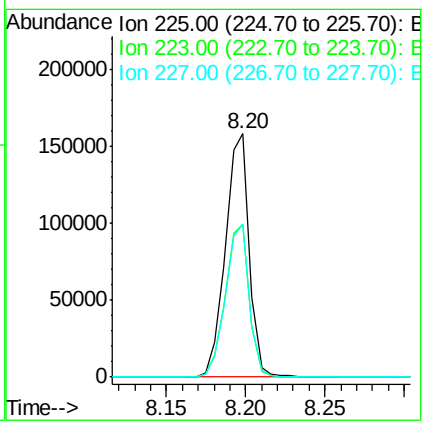


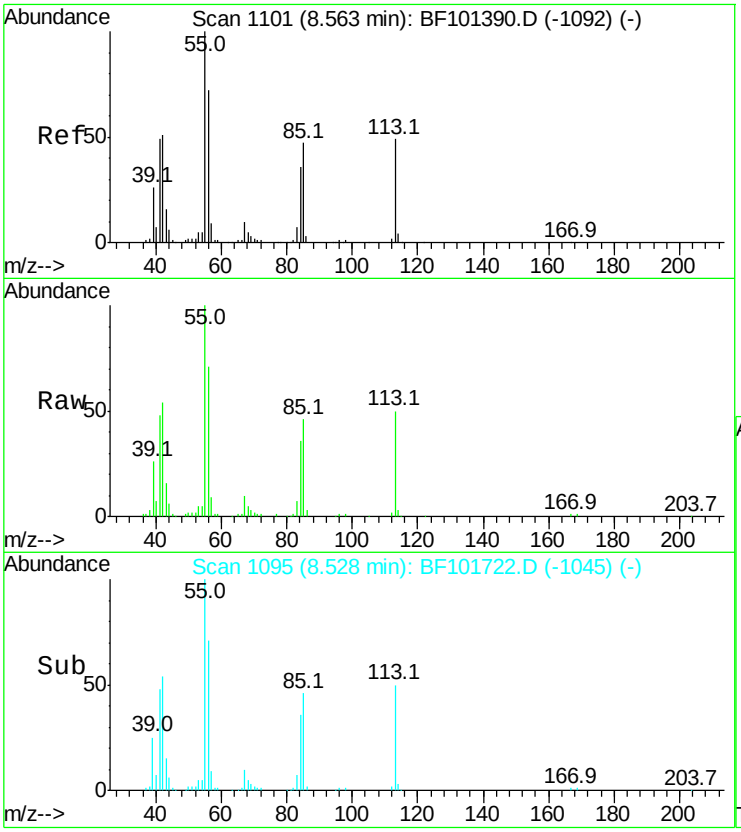




#34
Hexachlorobutadiene
Concen: 32.650 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:225 Resp: 164246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.7 | 50.6 | 76.0 |
| 227 | 62.6 | 51.9 | 77.9 |



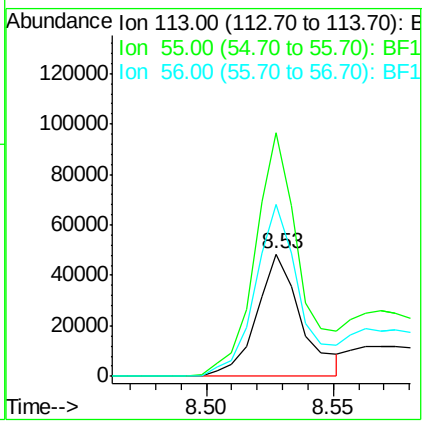


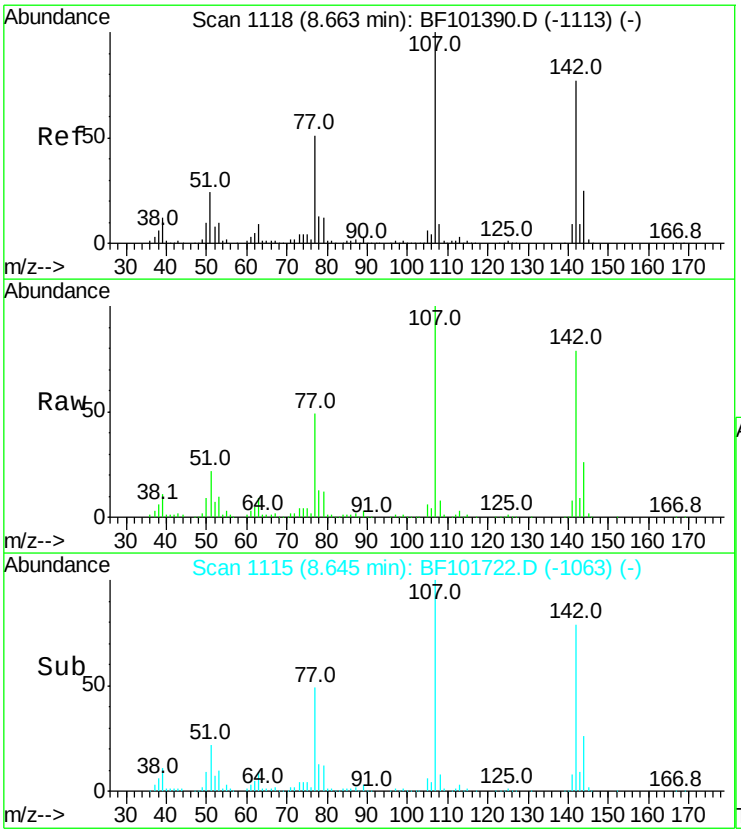

#35
Caprolactam
Concen: 20.782 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:113 Resp: 59475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 199.4 | 163.3 | 203.3 |
| 56 | 140.9 | 115.7 | 155.7 |

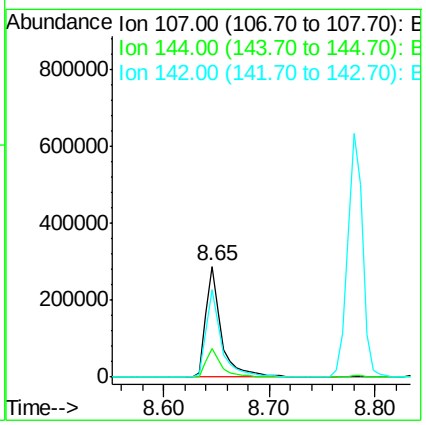


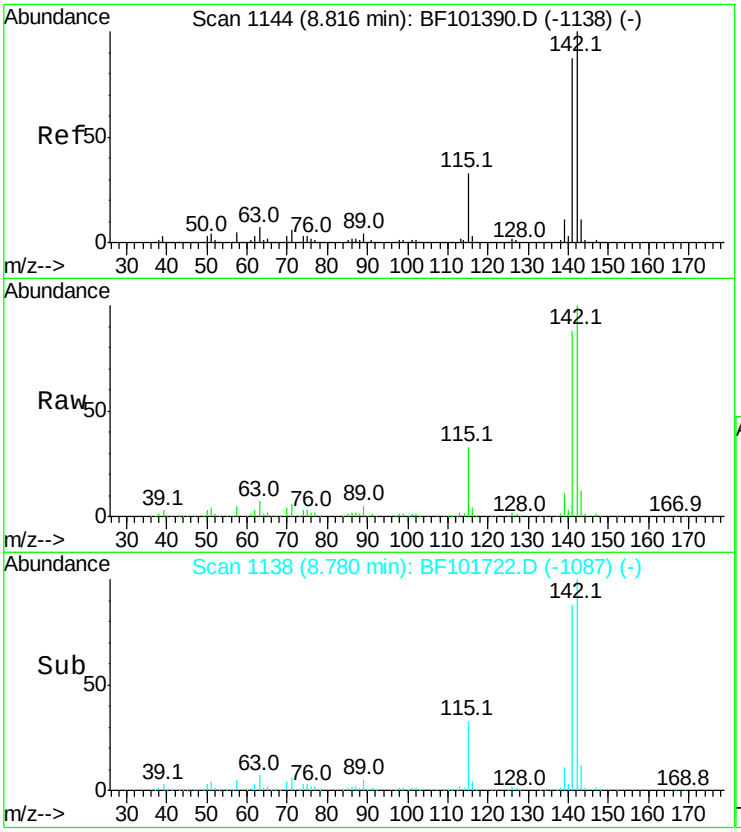




#36
4-Chloro-3-methylphenol
Concen: 32.529 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:107 Resp: 294671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.1 | 20.5 | 30.7 |
| 142 | 78.7 | 62.0 | 93.0 |



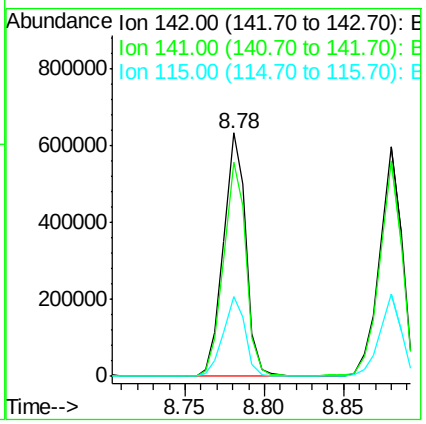


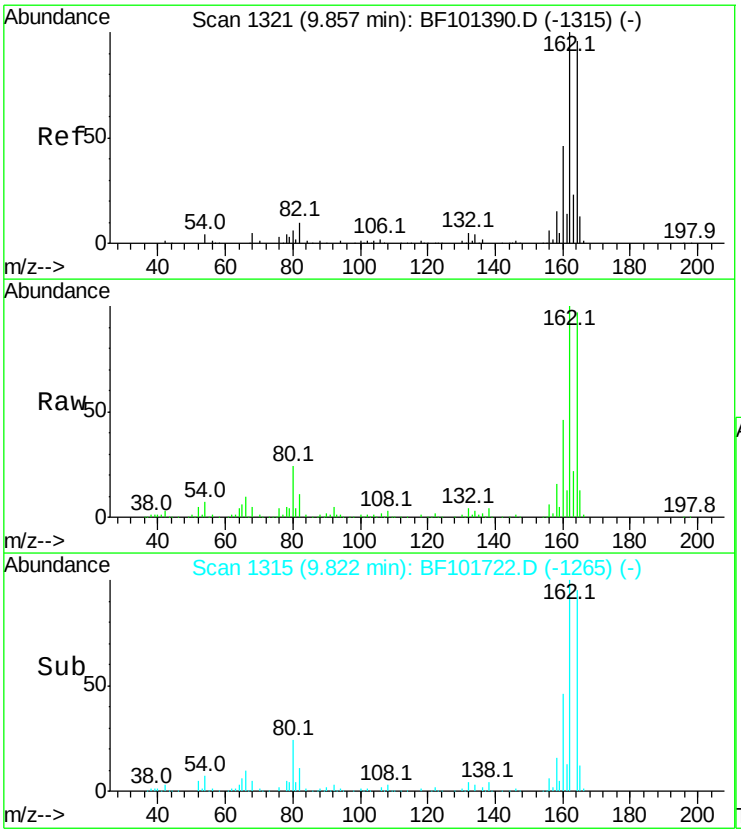

#37
2-Methylnaphthalene
Concen: 32.982 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:142 Resp: 621932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.1 | 70.8 | 106.2 |
| 115 | 32.8 | 26.1 | 39.1 |

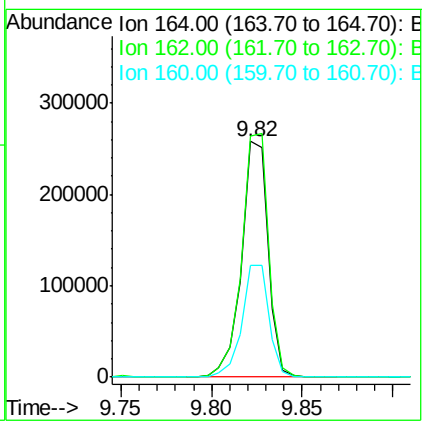


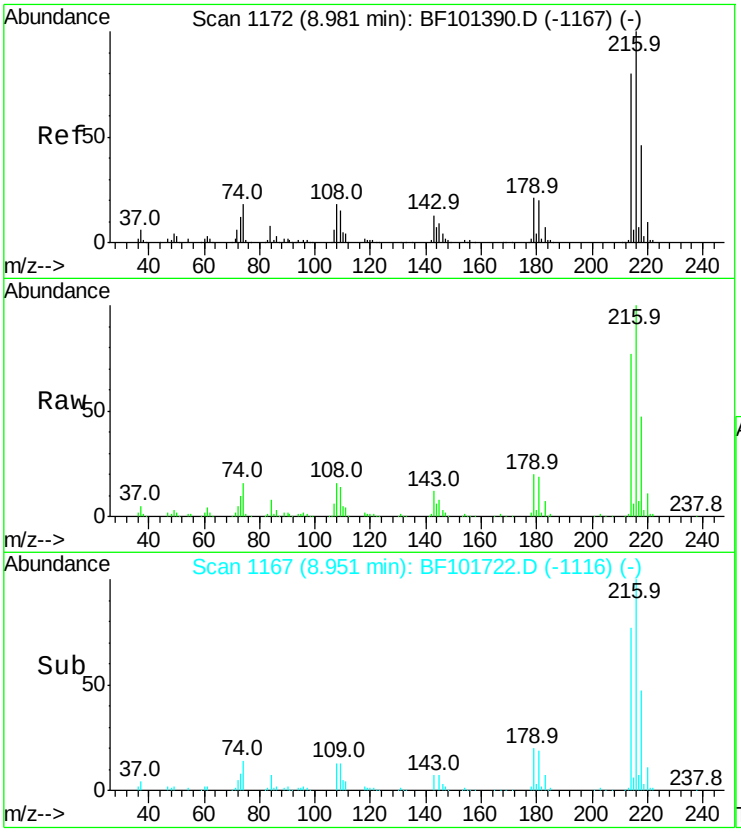




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:164 Resp: 262294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.6 | 86.1 | 129.1 |
| 160 | 47.5 | 38.3 | 57.5 |



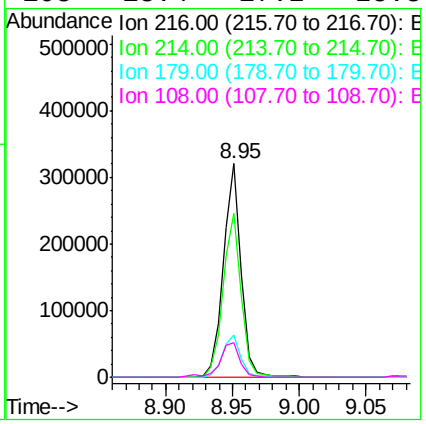


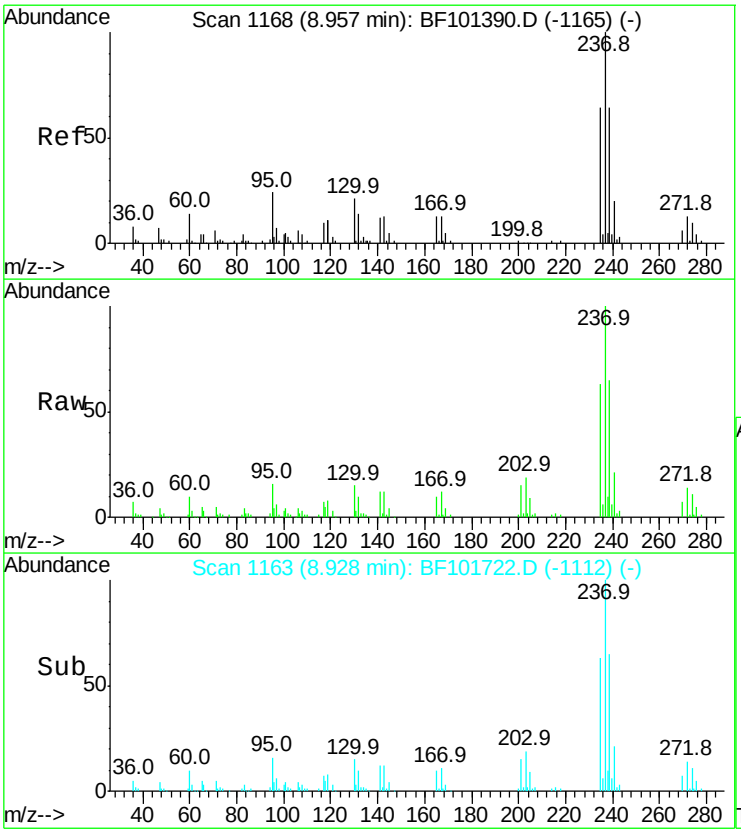

#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.900 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:216 Resp: 300205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.6 | 63.0 | 94.4 |
| 179 | 20.4 | 18.1 | 27.1 |
| 108 | 18.4 | 17.2 | 25.8 |

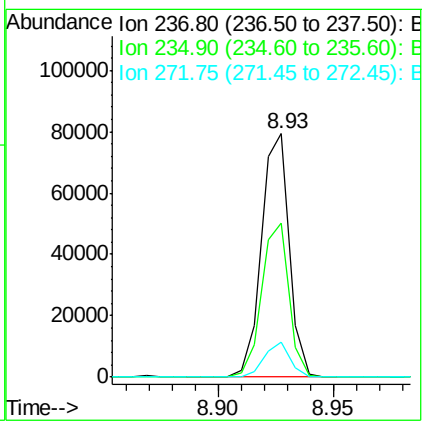


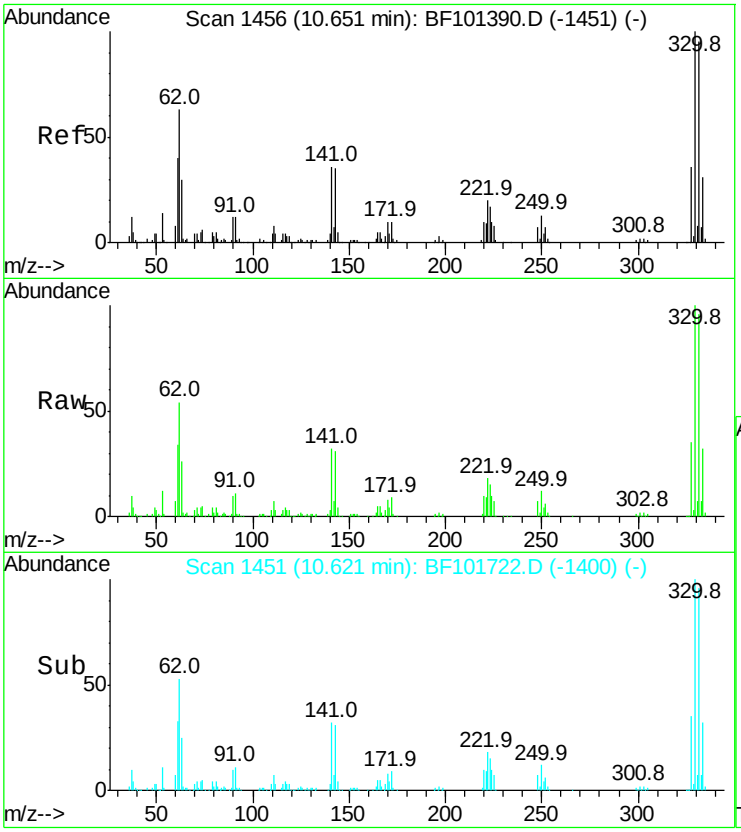




#40
Hexachlorocyclopentadiene
Concen: 48.240 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:237 Resp: 66563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.2 | 44.8 | 84.8 |
| 272 | 14.2 | 0.0 | 33.3 |



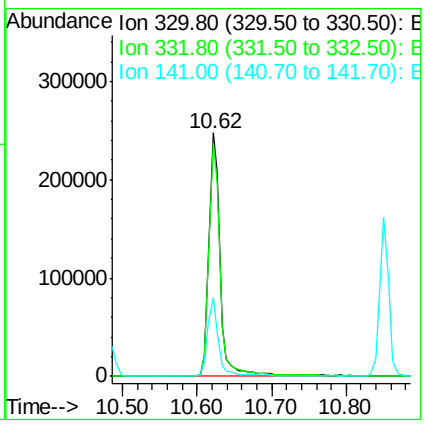


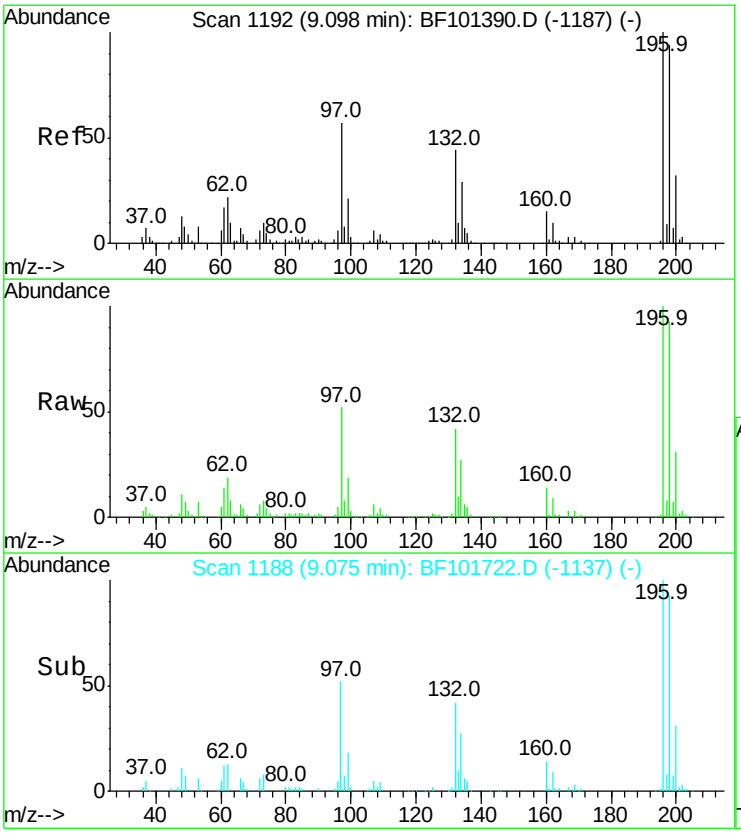

#41
2,4,6-Tribromophenol
Concen: 103.021 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:330 Resp: 260375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 77.0 | 115.6 |
| 141 | 30.8 | 29.9 | 44.9 |

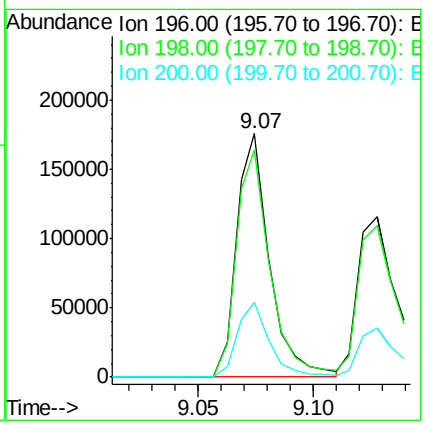


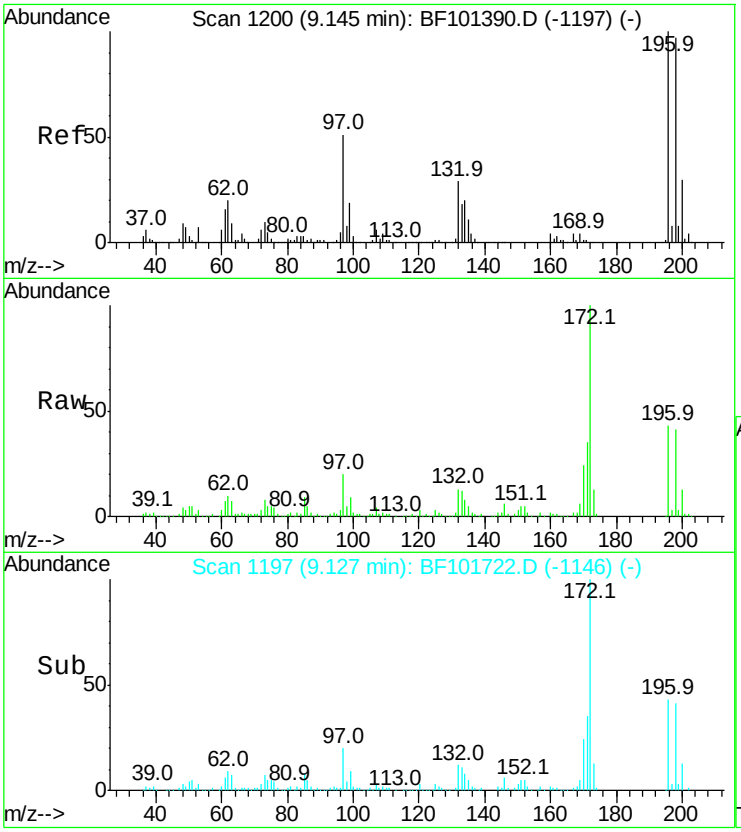




#42
2,4,6-Trichlorophenol
Concen: 32.708 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:196 Resp: 174380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.4 | 75.7 | 113.5 |
| 200 | 30.7 | 24.5 | 36.7 |



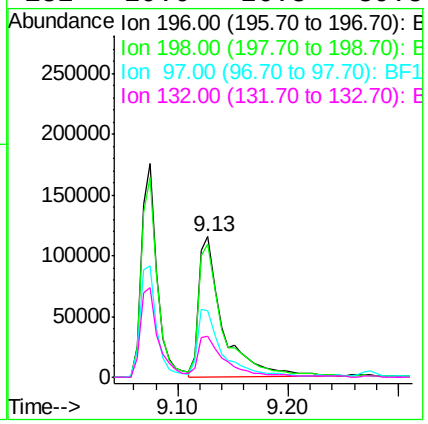


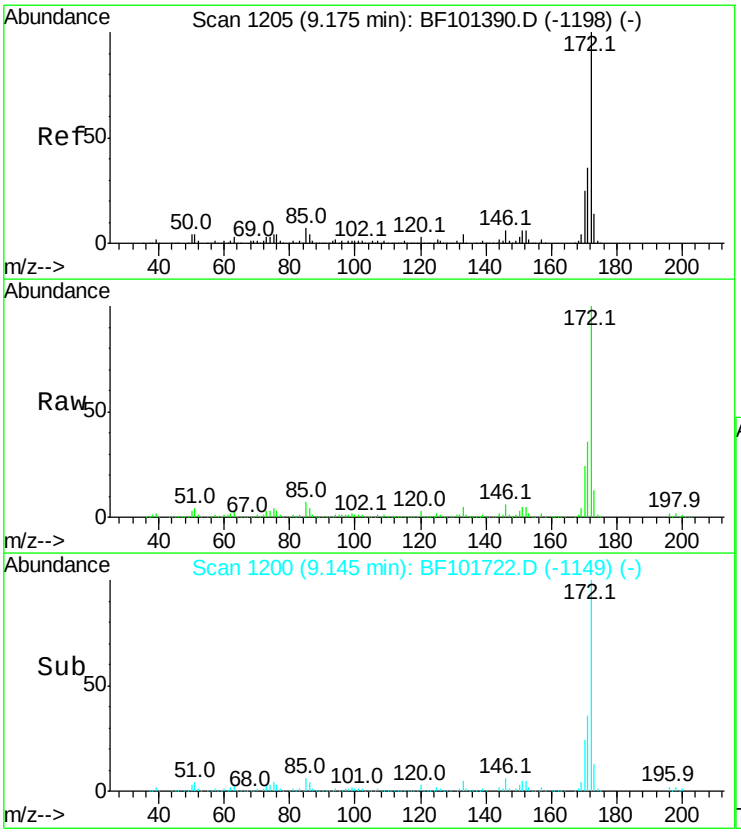

#43
2,4,5-Trichlorophenol
Concen: 29.026 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:196 Resp: 169441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.5 | 74.6 | 112.0 |
| 97 | 47.3 | 42.9 | 64.3 |
| 132 | 29.0 | 26.3 | 39.5 |

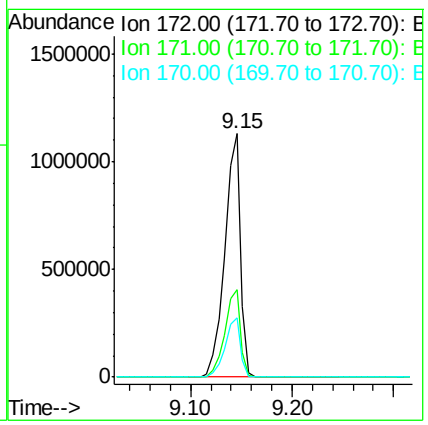


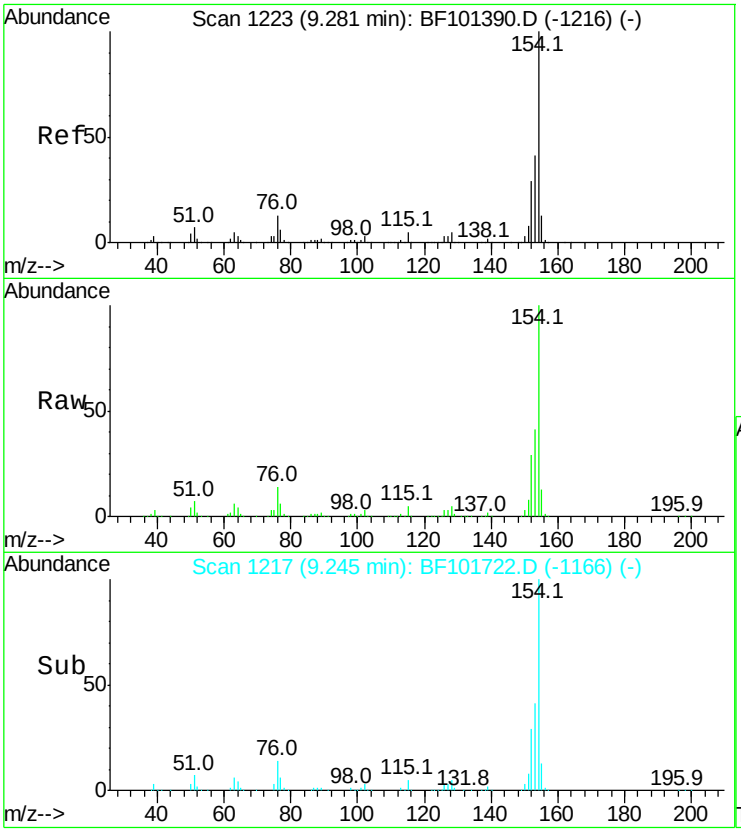




#44
2-Fluorobiphenyl
Concen: 71.207 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:172 Resp: 1204013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 29.7 | 44.5 |
| 170 | 24.5 | 19.6 | 29.4 |



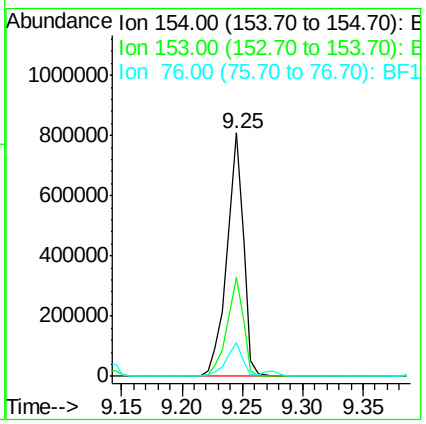


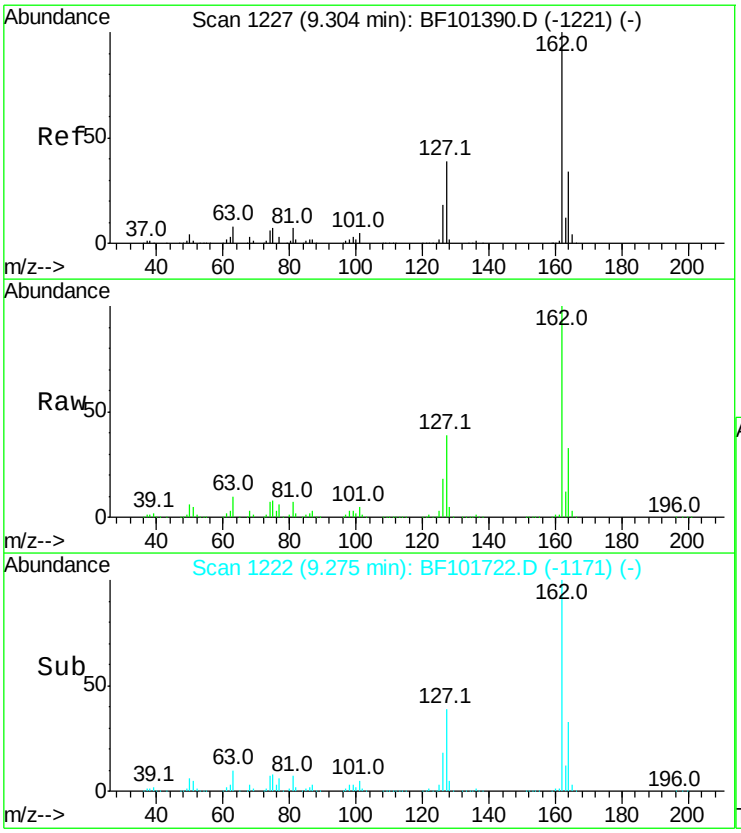

#45
1,1'-Biphenyl
Concen: 33.195 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:154 Resp: 772173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.7 | 21.3 | 61.3 |
| 76 | 13.9 | 0.0 | 34.0 |

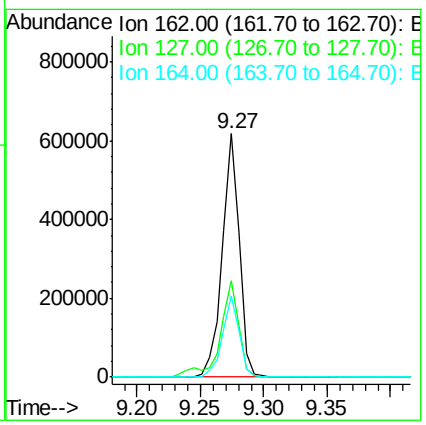


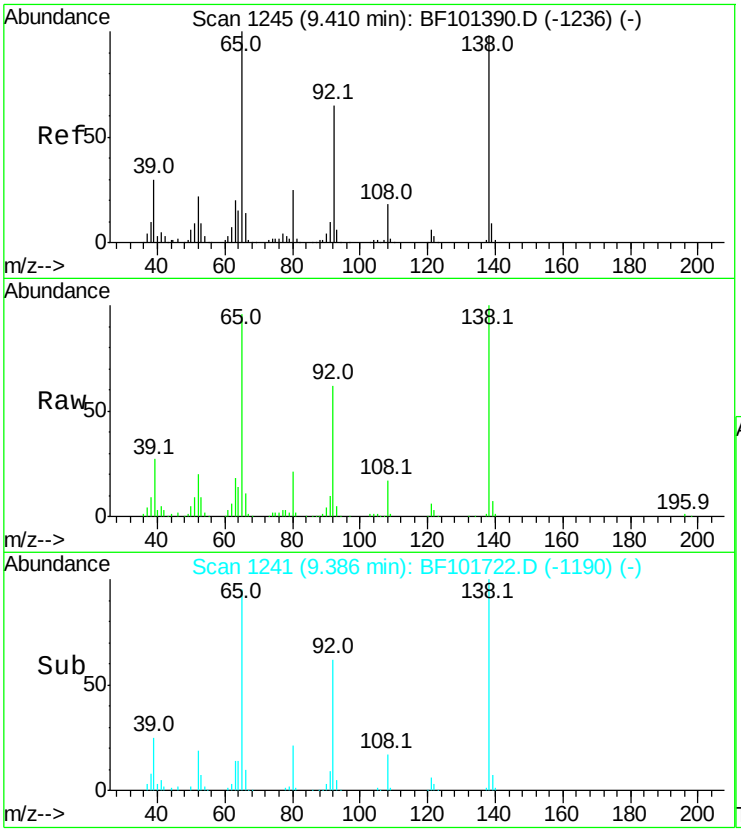




#46
2-Chloronaphthalene
Concen: 32.450 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:162 Resp: 577574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.4 | 33.9 | 50.9 |
| 164 | 33.2 | 26.5 | 39.7 |



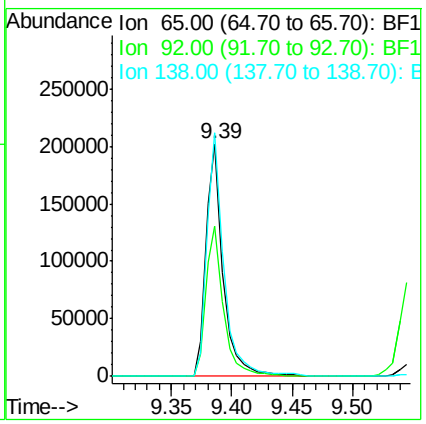


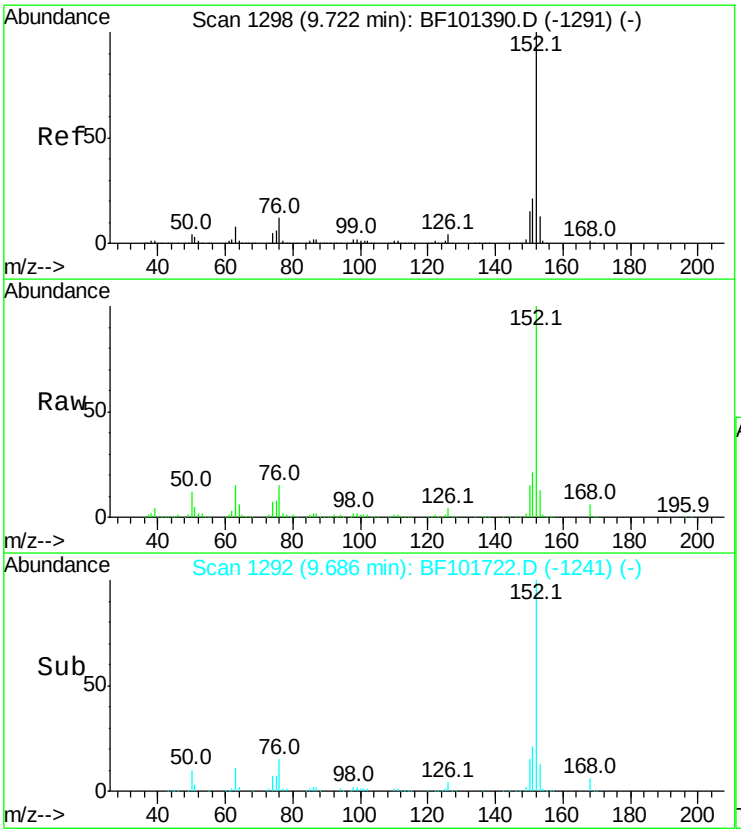

#47
2-Nitroaniline
Concen: 32.196 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion: 65 Resp: 197958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 64.7 | 55.8 | 83.6 |
| 138 | 104.7 | 91.2 | 136.8 |

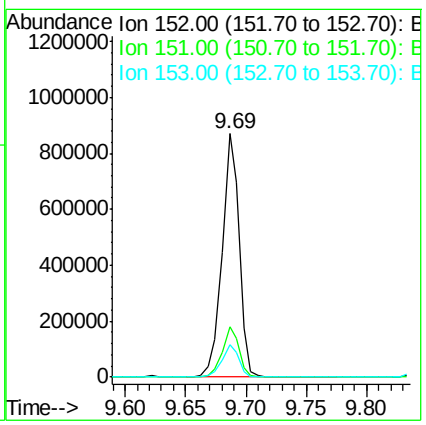


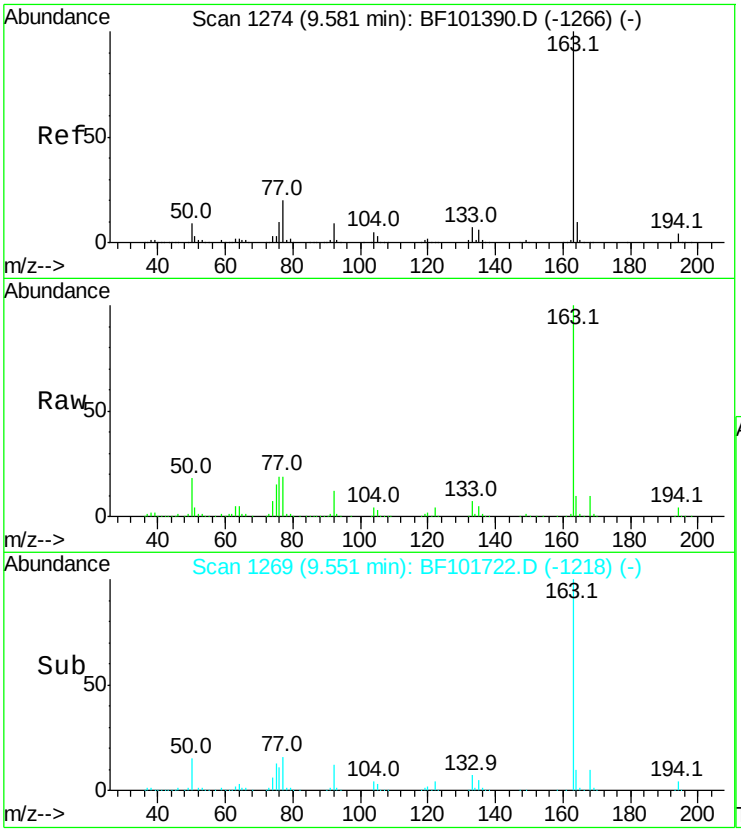




#48
Acenaphthylene
Concen: 30.228 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:152 Resp: 849789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.3 | 24.5 |
| 153 | 13.3 | 10.7 | 16.1 |



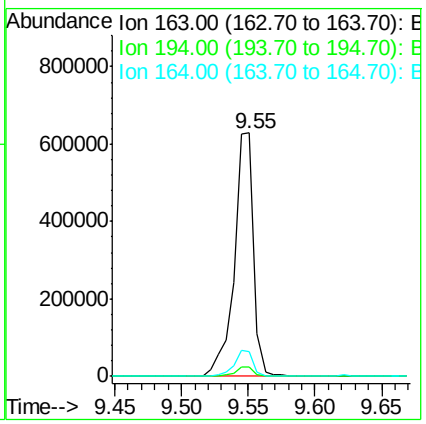


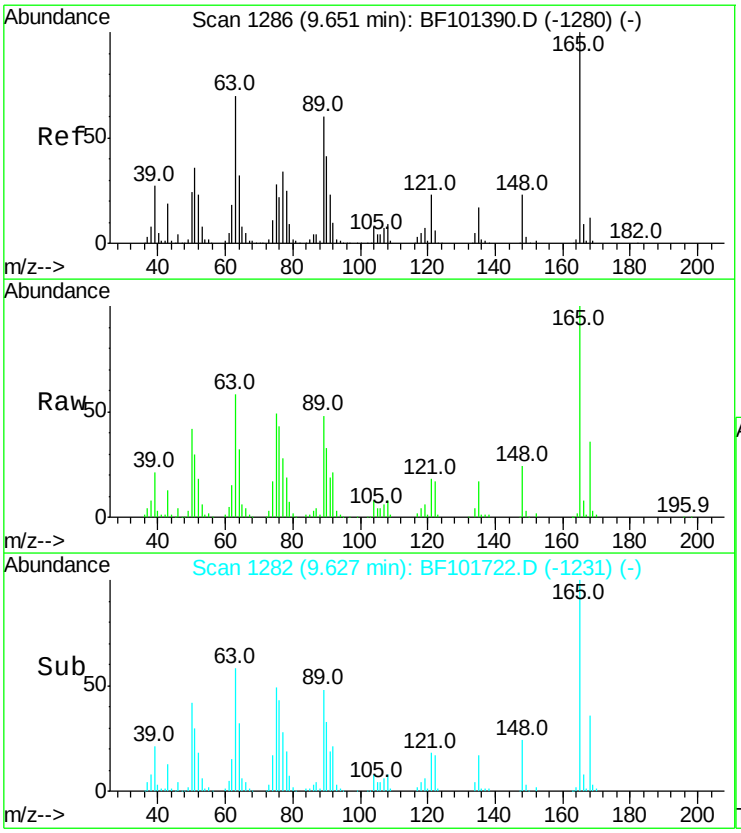

#49
Dimethylphthalate
Concen: 30.158 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:163 Resp: 636271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.7 | 4.1 |
| 164 | 10.1 | 8.2 | 12.2 |

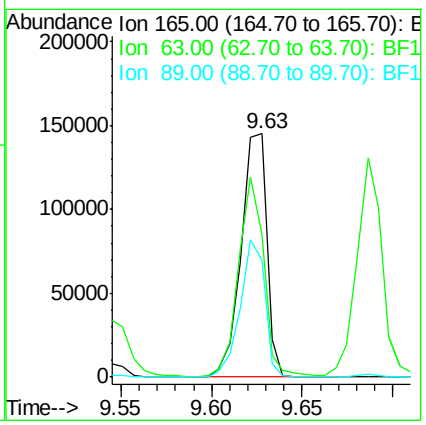


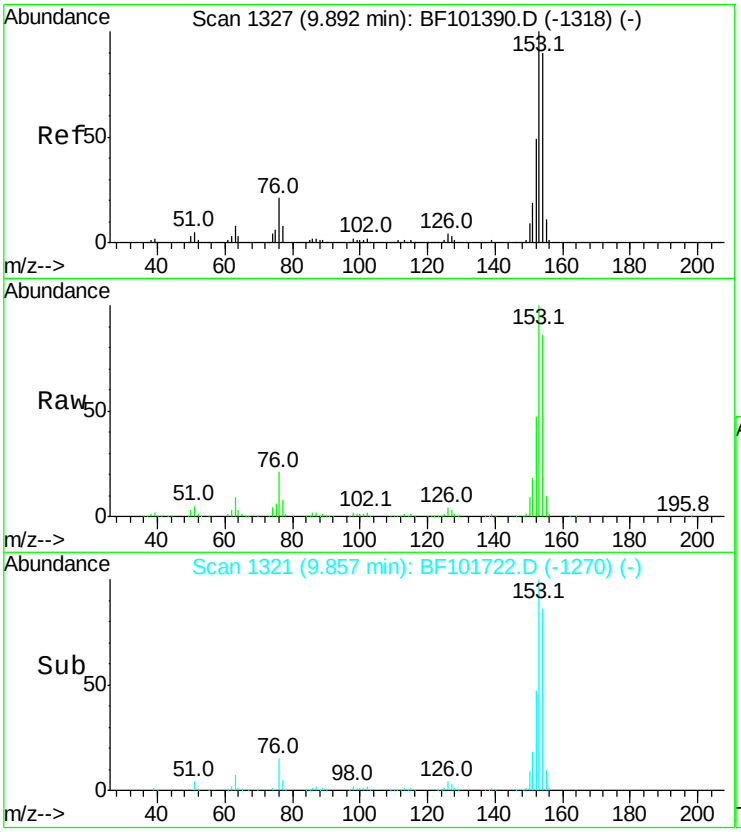




#50
2,6-Dinitrotoluene
Concen: 33.588 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:165 Resp: 144026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 58.3 | 44.7 | 67.1 |
| 89 | 48.1 | 44.0 | 66.0 |



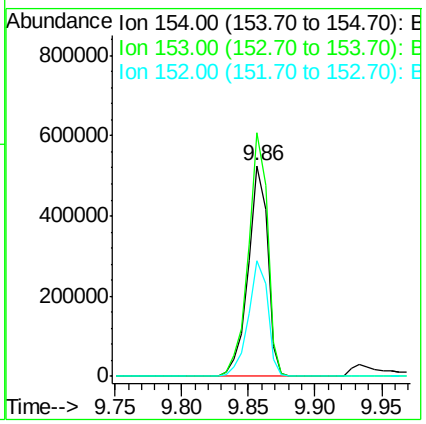


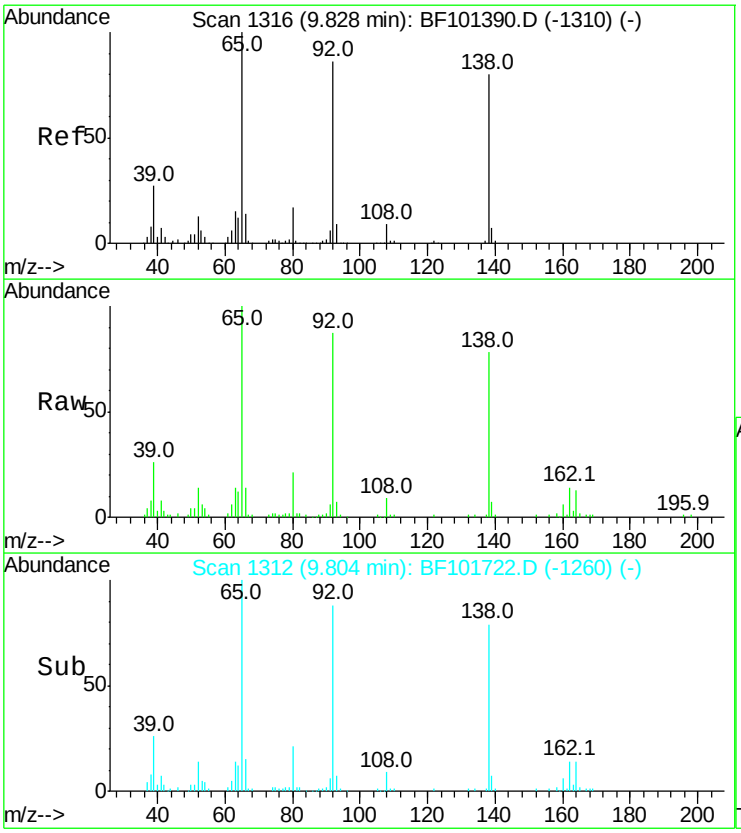

#51
Acenaphthene
Concen: 30.945 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :** BNA_F
**ClientSampleId :** PB105334BS

Tgt Ion:154 Resp: 522654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.6 | 91.2 | 136.8 |
| 152 | 54.9 | 43.8 | 65.8 |

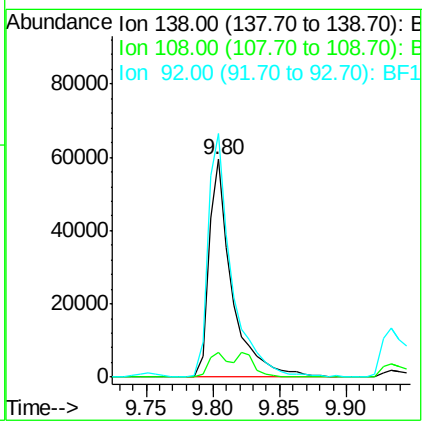


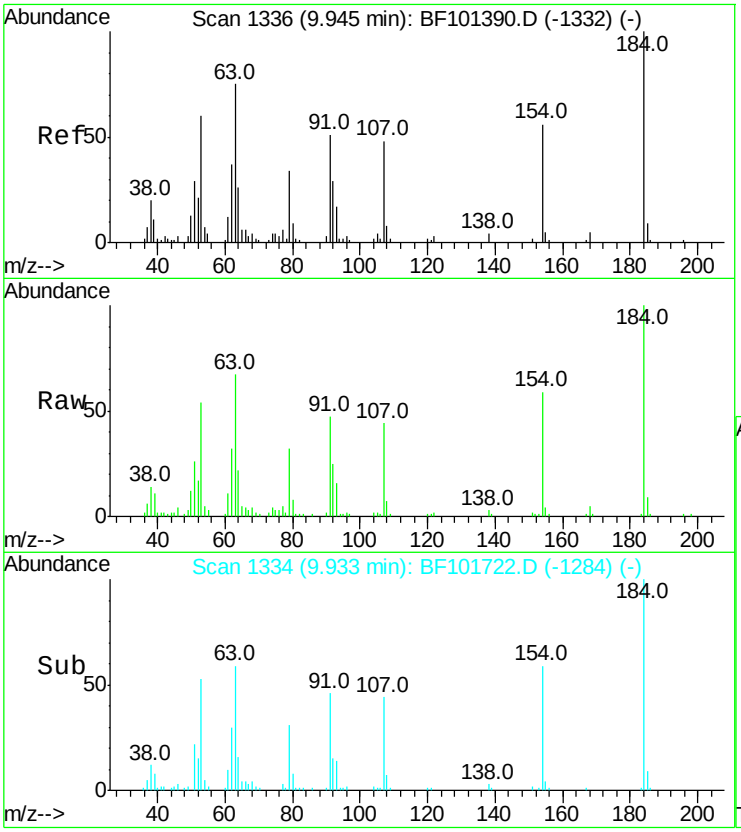




#52
3-Nitroaniline
Concen: 13.328 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:138 Resp: 71251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.5 | 9.4 | 14.0 |
| 92 | 112.0 | 89.4 | 134.2 |



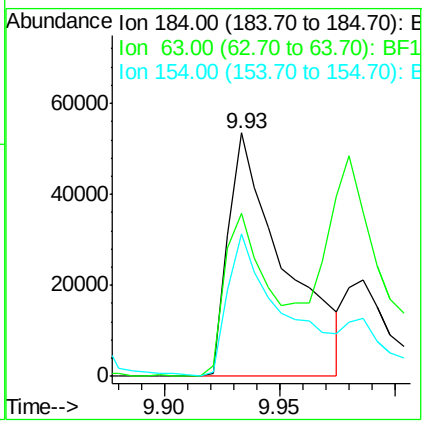


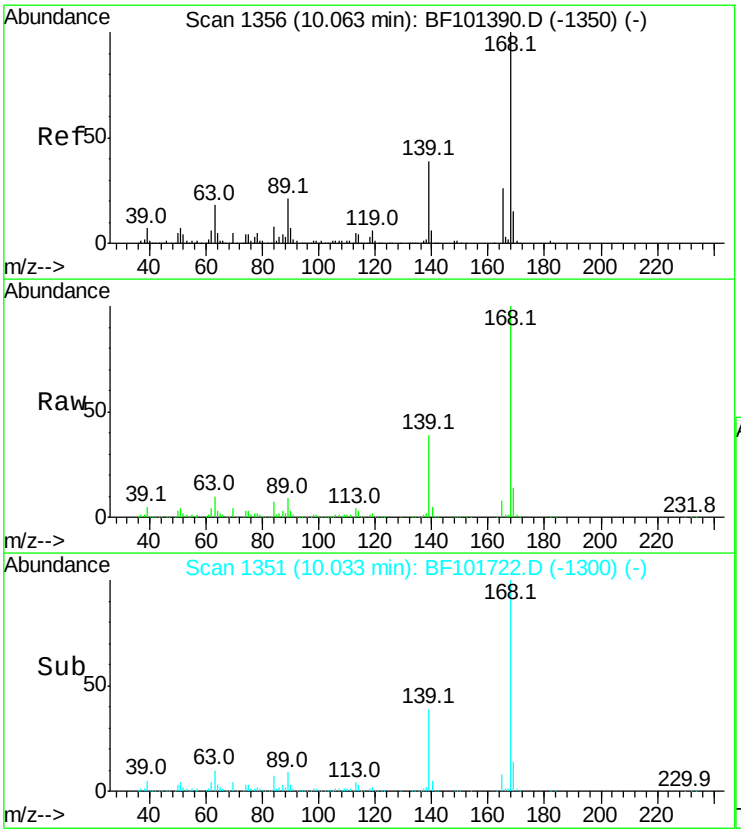

#53
2,4-Dinitrophenol
Concen: 62.898 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:184 Resp: 90154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 66.7 | 54.2 | 81.2 |
| 154 | 58.5 | 184.0 | 276.0# |

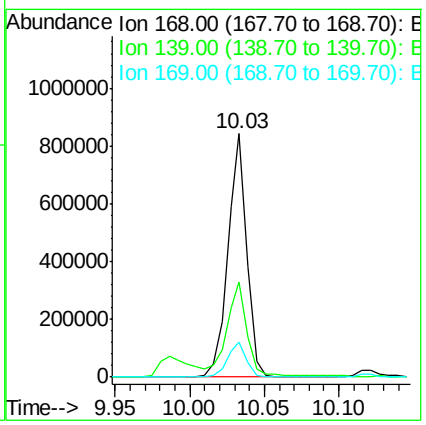


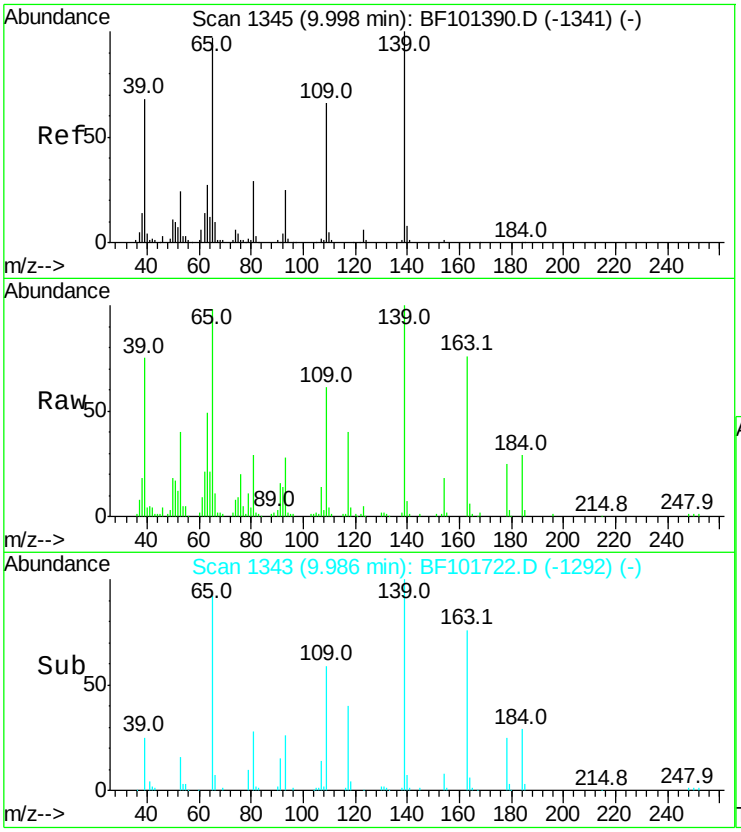




#54
Dibenzofuran
Concen: 34.981 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:168 Resp: 750848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.3 | 30.1 | 45.1 |
| 169 | 14.1 | 10.9 | 16.3 |



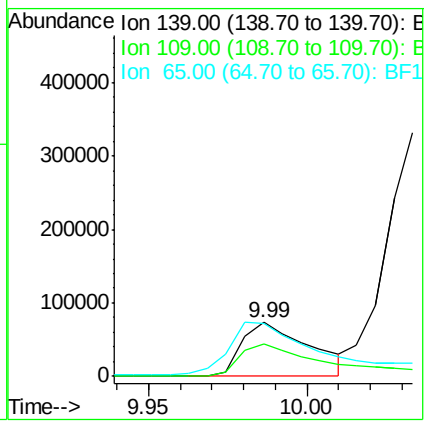


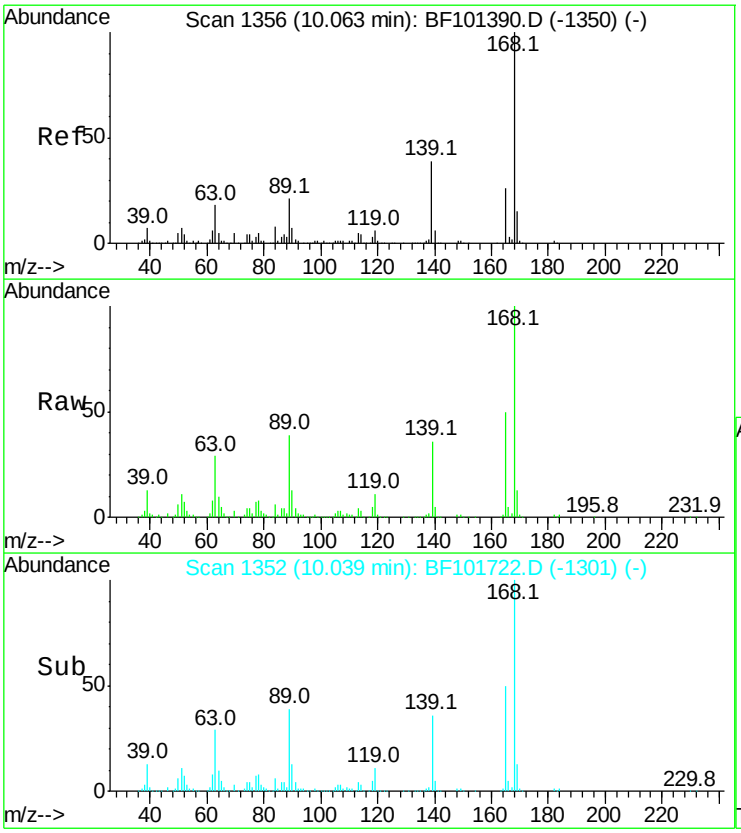

#55
4-Nitrophenol
Concen: 45.834 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:139 Resp: 106844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 61.2 | 48.4 | 88.4 |
| 65 | 98.2 | 72.6 | 112.6 |

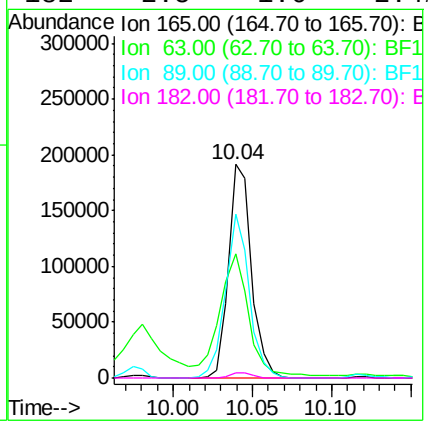


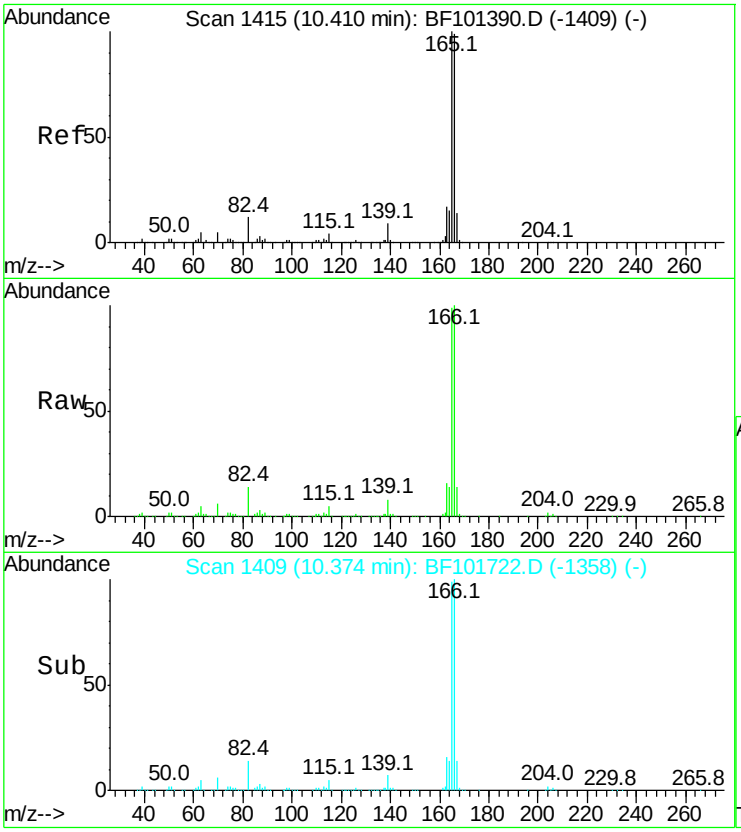




#56
2,4-Dinitrotoluene
Concen: 39.768 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:165 Resp: 192128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 58.1 | 36.4 | 54.6# |
| 89 | 77.0 | 57.8 | 86.6 |
| 182 | 2.5 | 1.6 | 2.4# |



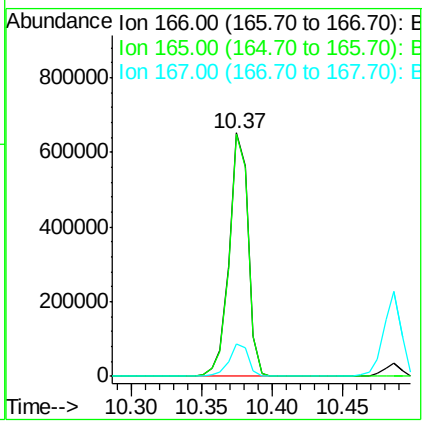


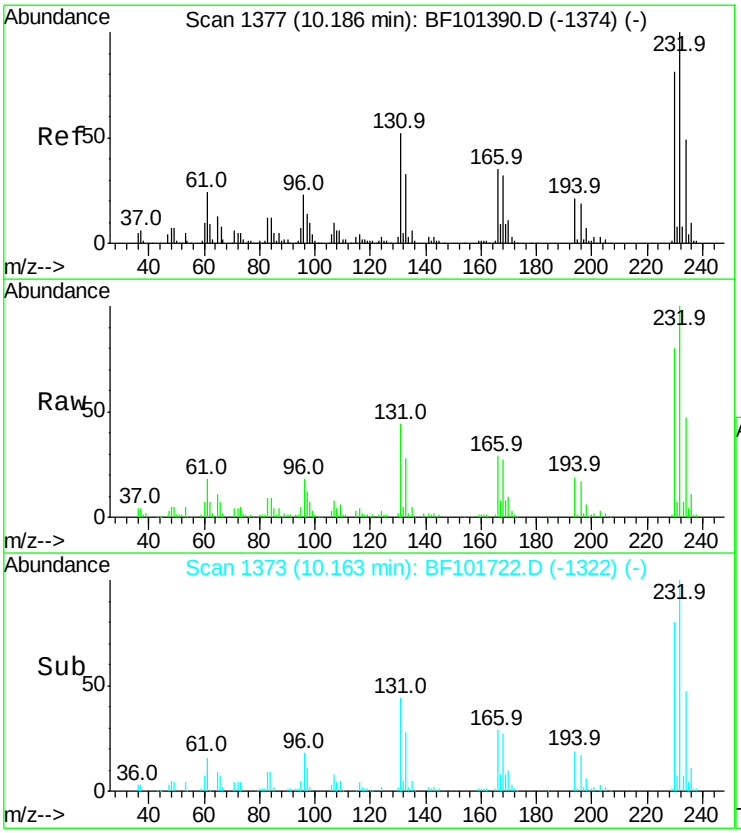

#57
Fluorene
Concen: 33.648 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:166 Resp: 610961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.5 | 79.8 | 119.8 |
| 167 | 13.5 | 10.6 | 16.0 |

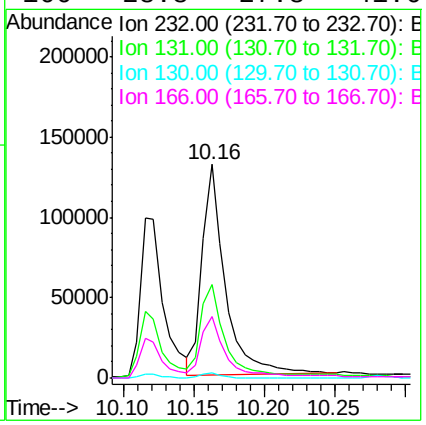


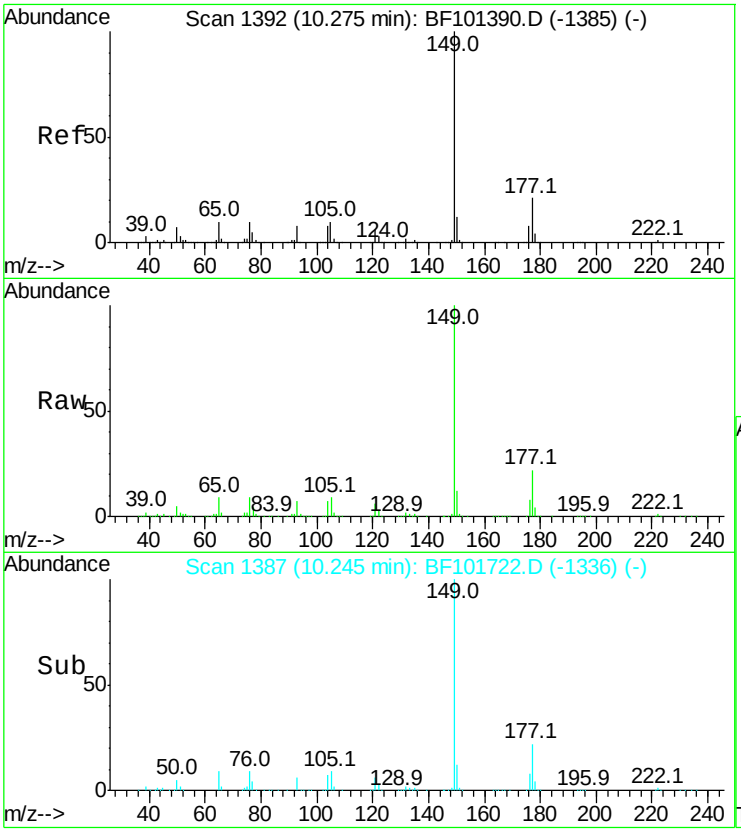




#58
2,3,4,6-Tetrachlorophenol
Concen: 35.811 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:232 Resp: 150194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.9 | 43.8 | 65.8 |
| 130 | 2.1 | 2.1 | 3.1 |
| 166 | 28.8 | 27.8 | 41.6 |



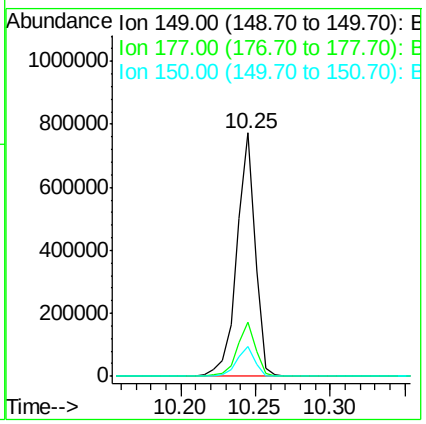


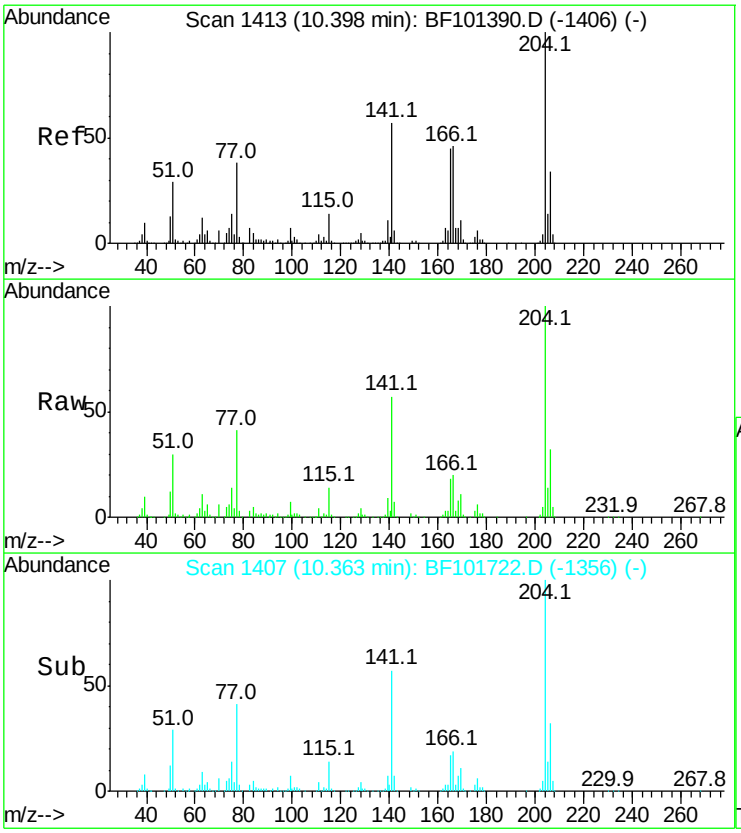

#59
Diethylphthalate
Concen: 31.813 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:149 Resp: 664663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.3 | 16.1 | 24.1 |
| 150 | 12.5 | 10.1 | 15.1 |

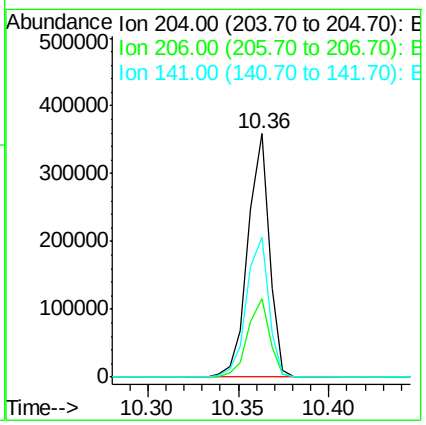


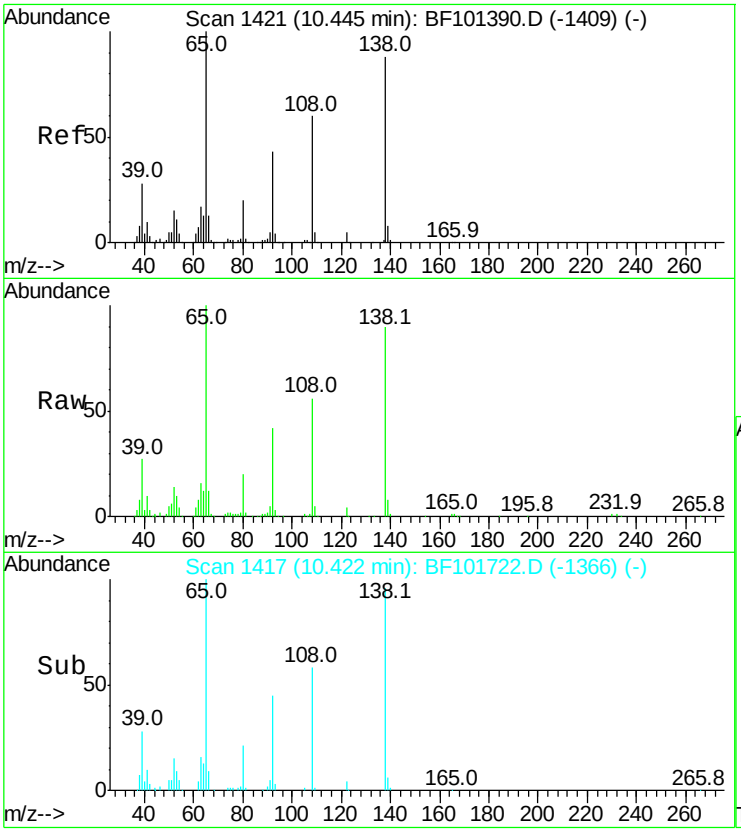




#60
4-Chlorophenyl-phenylether
Concen: 34.100 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:204 Resp: 296745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 26.5 | 39.7 |
| 141 | 57.3 | 54.6 | 81.8 |



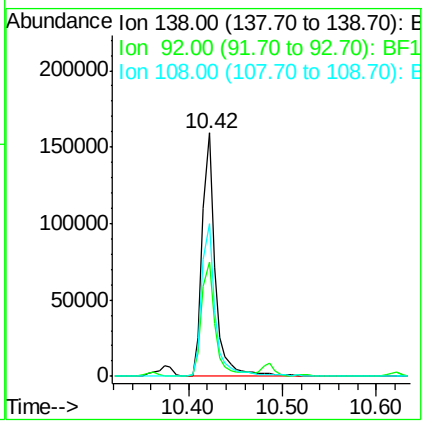


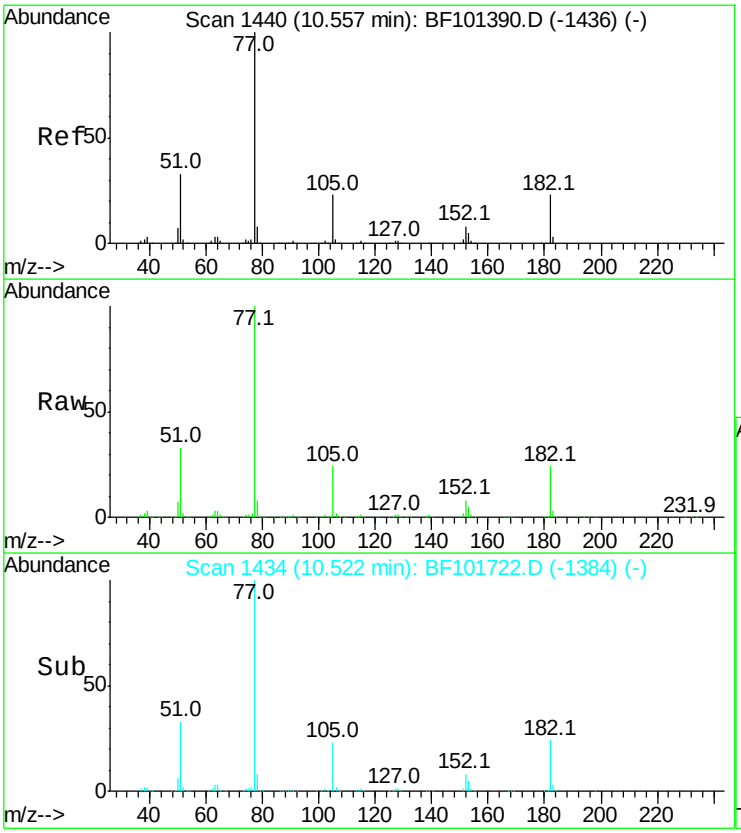

#61
4-Nitroaniline
Concen: 28.882 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:138 Resp: 155201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.2 | 30.2 | 70.2 |
| 108 | 62.8 | 52.5 | 92.5 |

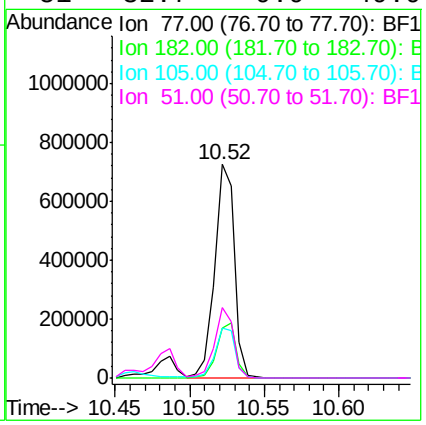


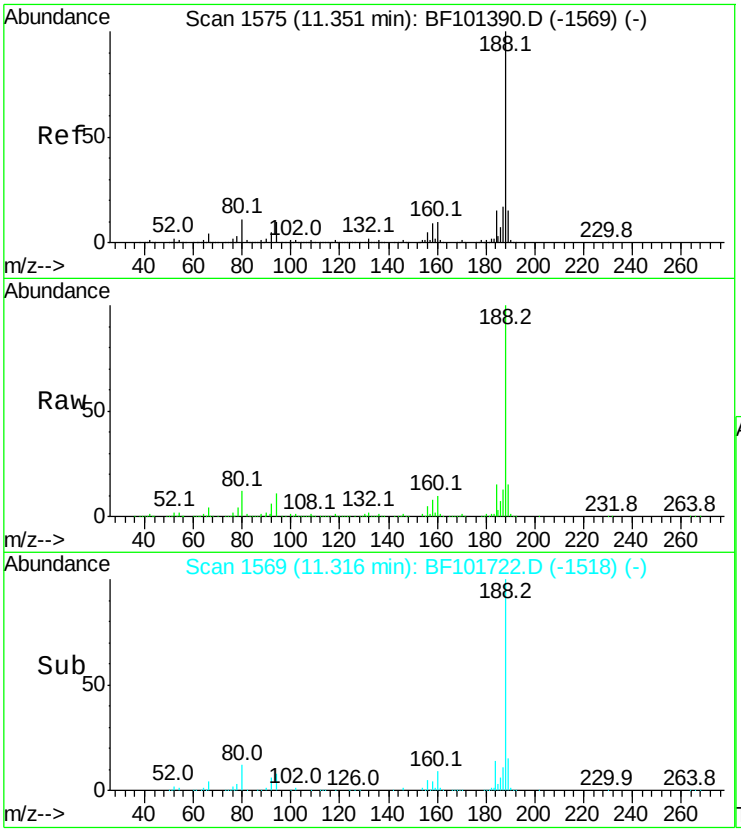




#62
Azobenzene
Concen: 31.028 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion: 77 Resp: 671558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.6 | 1.7 | 41.7 |
| 105 | 23.6 | 3.0 | 43.0 |
| 51 | 32.7 | 9.9 | 49.9 |



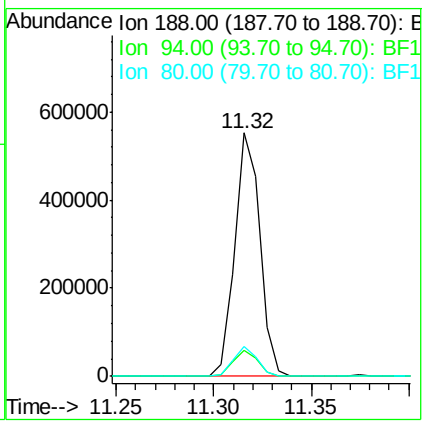


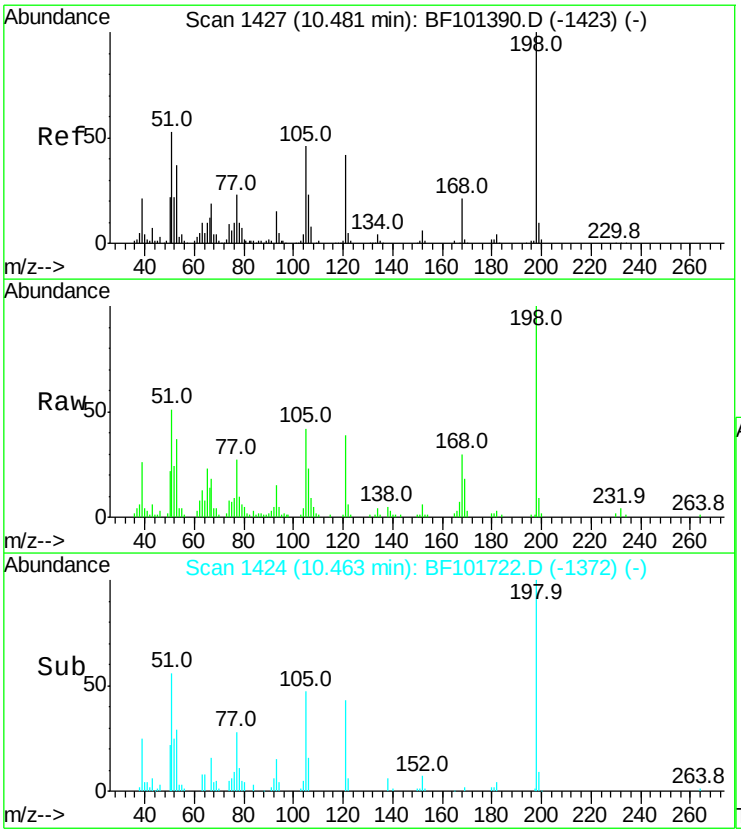

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:188 Resp: 492167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 8.5 | 12.7 |
| 80 | 12.4 | 9.2 | 13.8 |

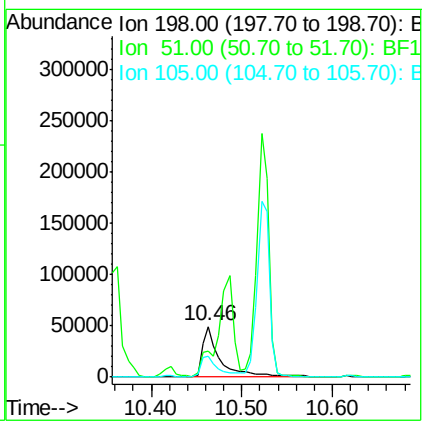


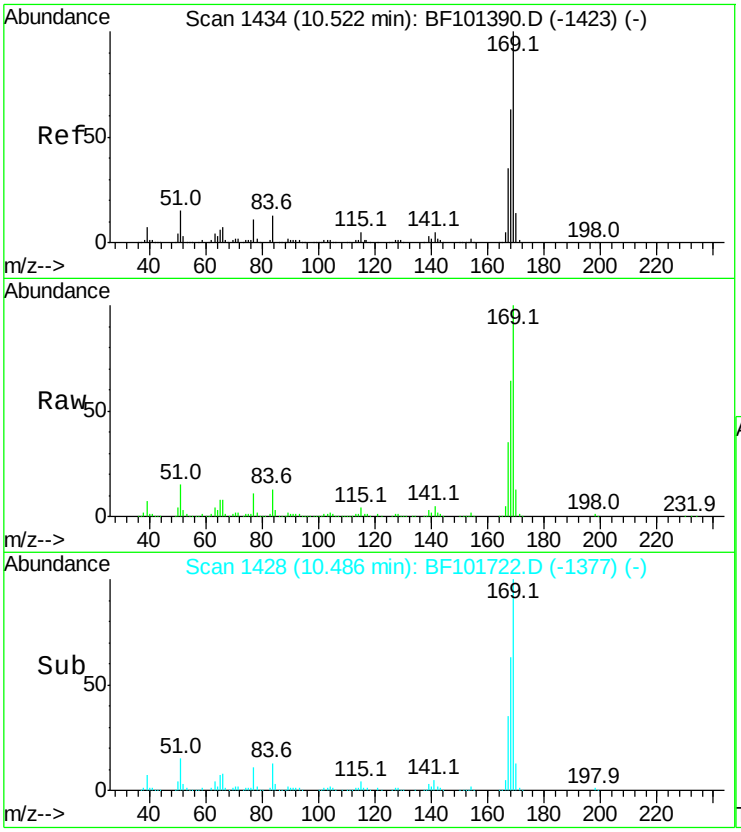




#64
4,6-Dinitro-2-methylphenol
Concen: 27.908 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:198 Resp: 70093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 51.3 | 37.7 | 77.7 |
| 105 | 42.4 | 36.3 | 76.3 |



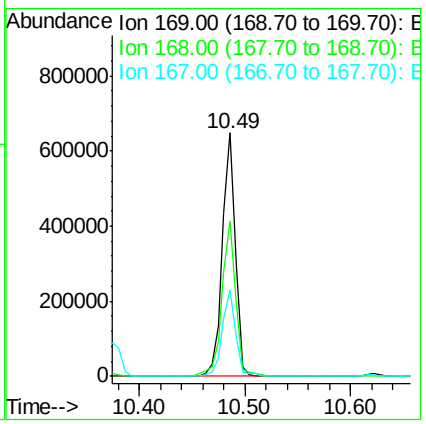


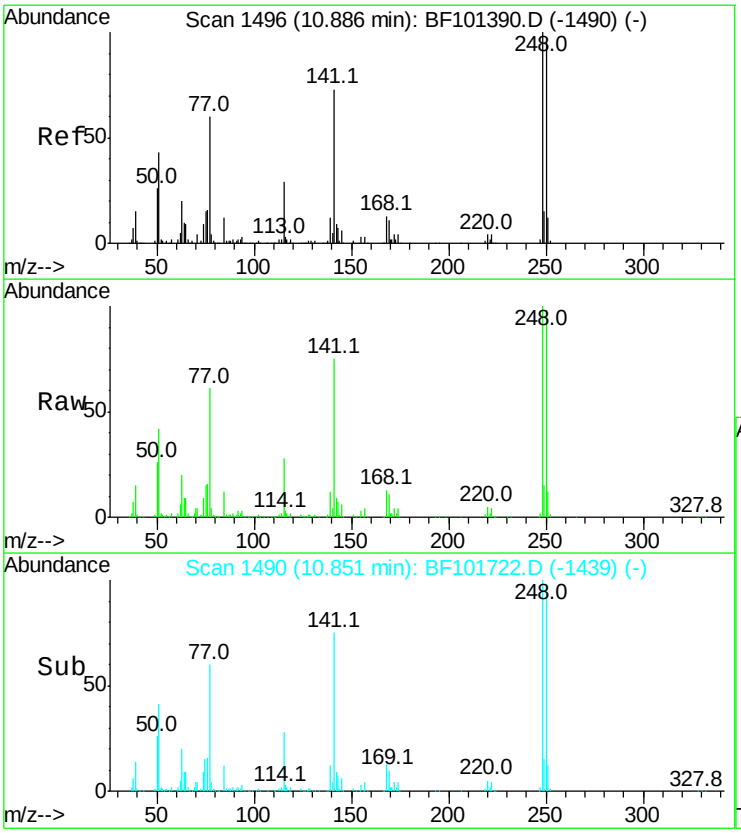

#65
n-Nitrosodiphenylamine
Concen: 30.894 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:169 Resp: 561430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 63.8 | 54.4 | 81.6 |
| 167 | 35.2 | 29.8 | 44.6 |

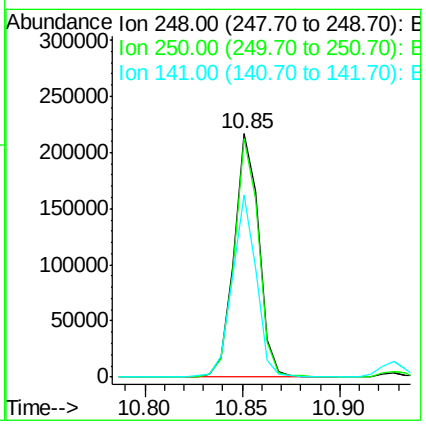


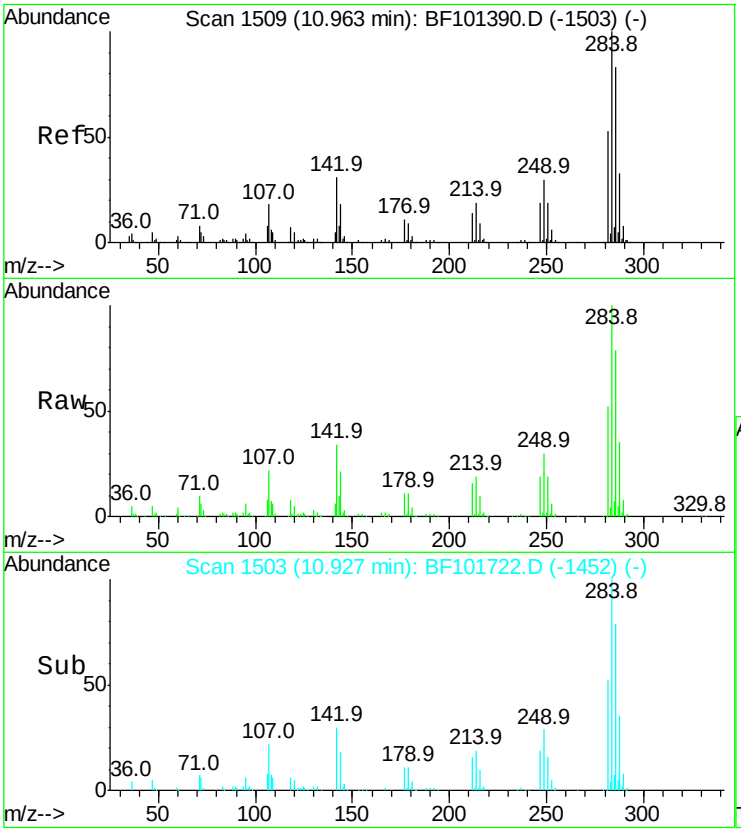




#66
4-Bromophenyl-phenylether
Concen: 34.498 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:248 Resp: 190781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.0 | 76.9 | 115.3 |
| 141 | 74.6 | 74.4 | 111.6 |



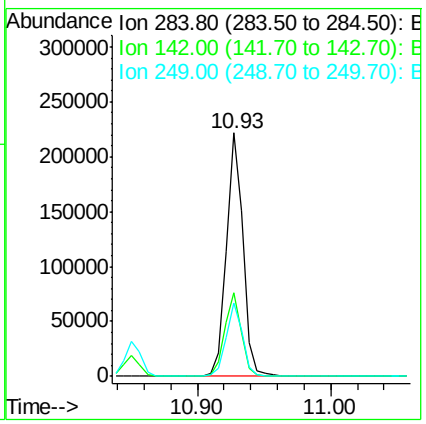


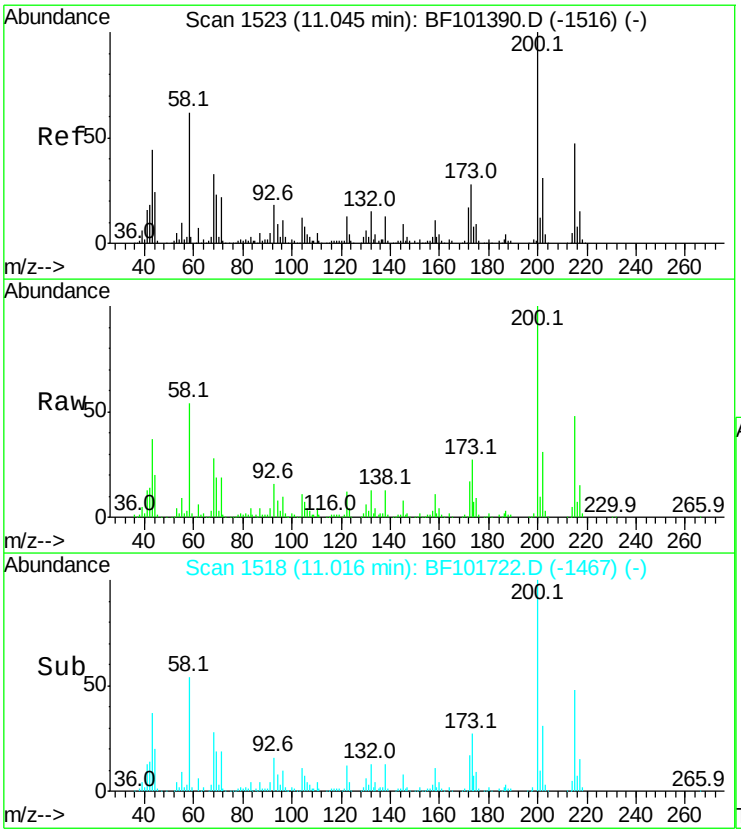

#67
Hexachlorobenzene
Concen: 33.344 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:284 Resp: 195157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.2 | 34.6 | 52.0# |
| 249 | 30.3 | 24.8 | 37.2 |

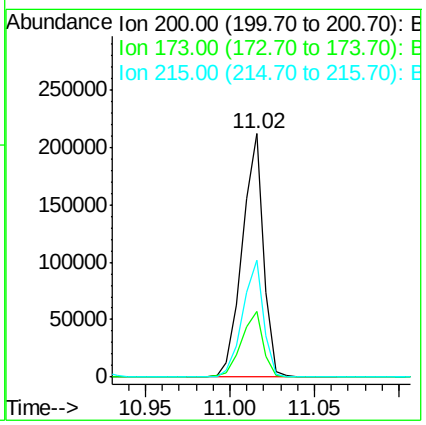


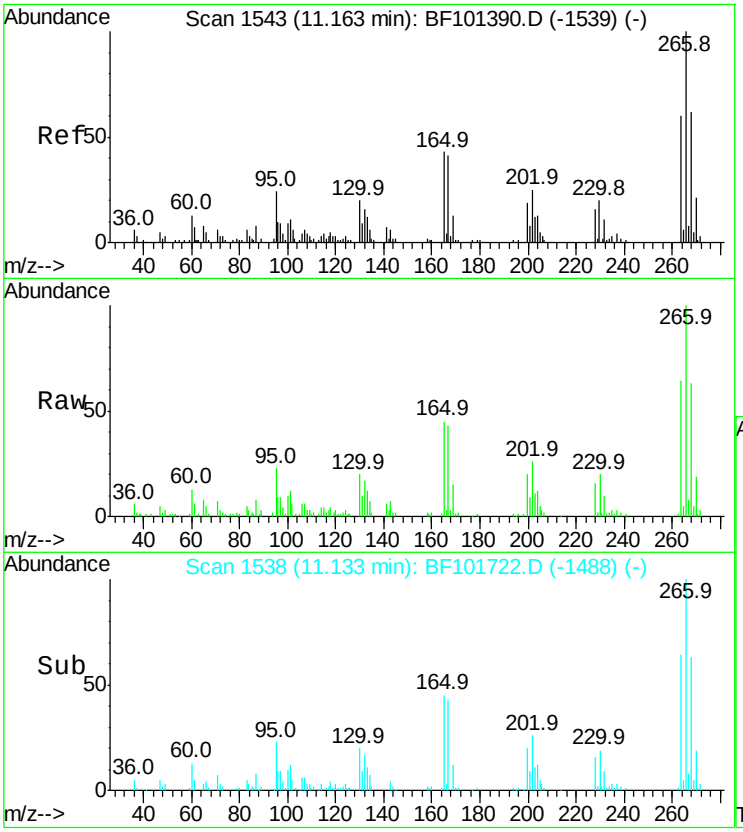




#68
Atrazine
Concen: 34.386 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:200 Resp: 186331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.1 | 8.6 | 48.6 |
| 215 | 48.0 | 25.1 | 65.1 |



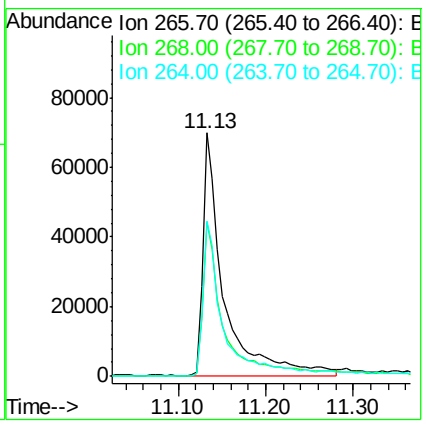


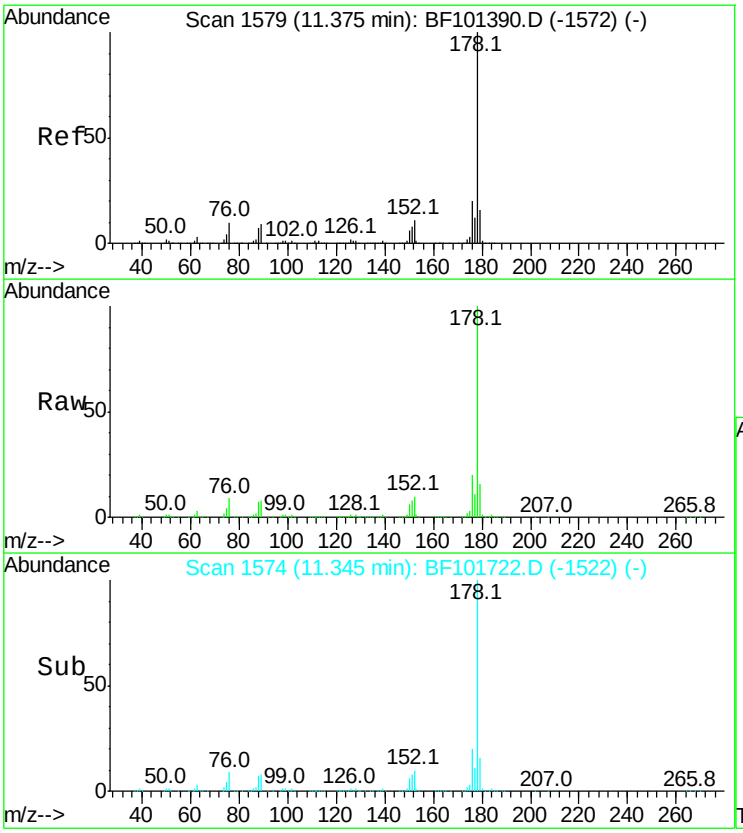

#69
Pentachlorophenol
Concen: 53.707 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:266 Resp: 116898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.4 | 51.1 | 76.7 |
| 264 | 63.8 | 49.5 | 74.3 |

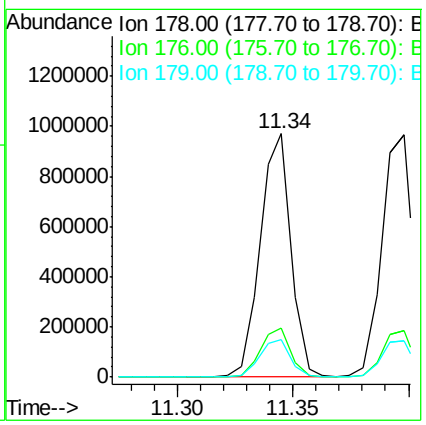


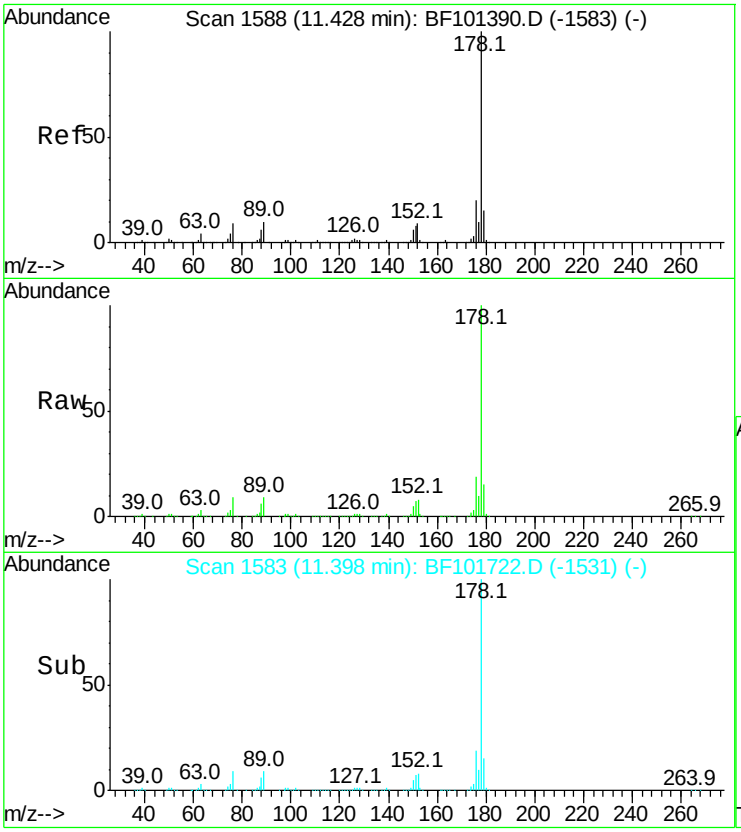




#70
Phenanthrene
Concen: 32.833 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:178 Resp: 898651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.4 | 15.8 | 23.8 |
| 179 | 15.6 | 13.0 | 19.6 |



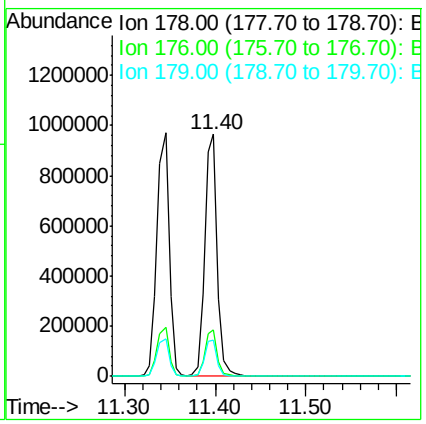


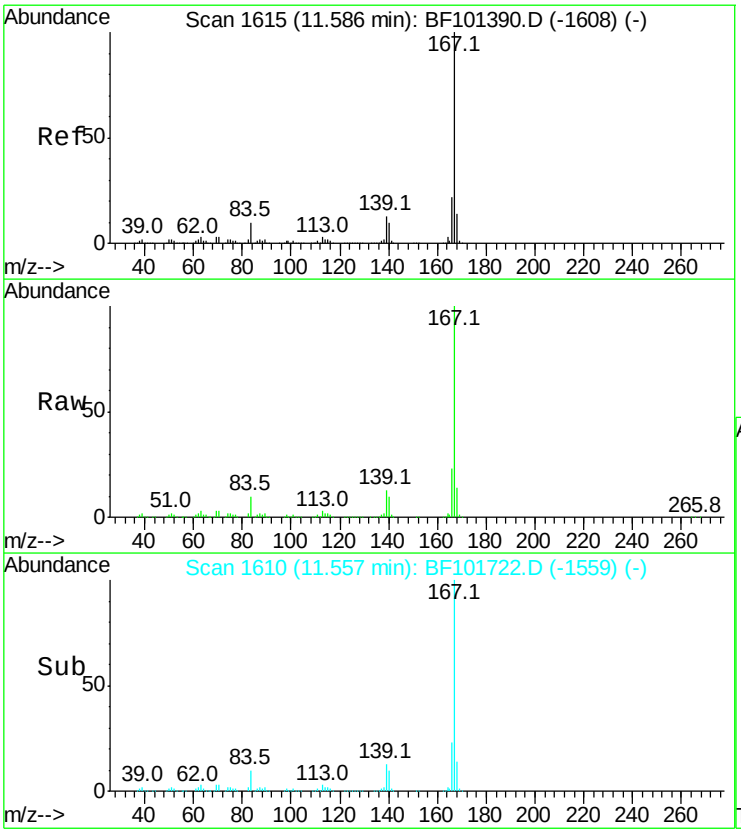

#71
Anthracene
Concen: 33.624 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:178 Resp: 940069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.4 | 23.2 |
| 179 | 15.2 | 12.6 | 19.0 |

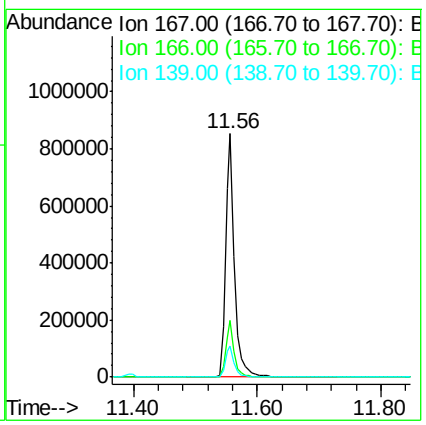


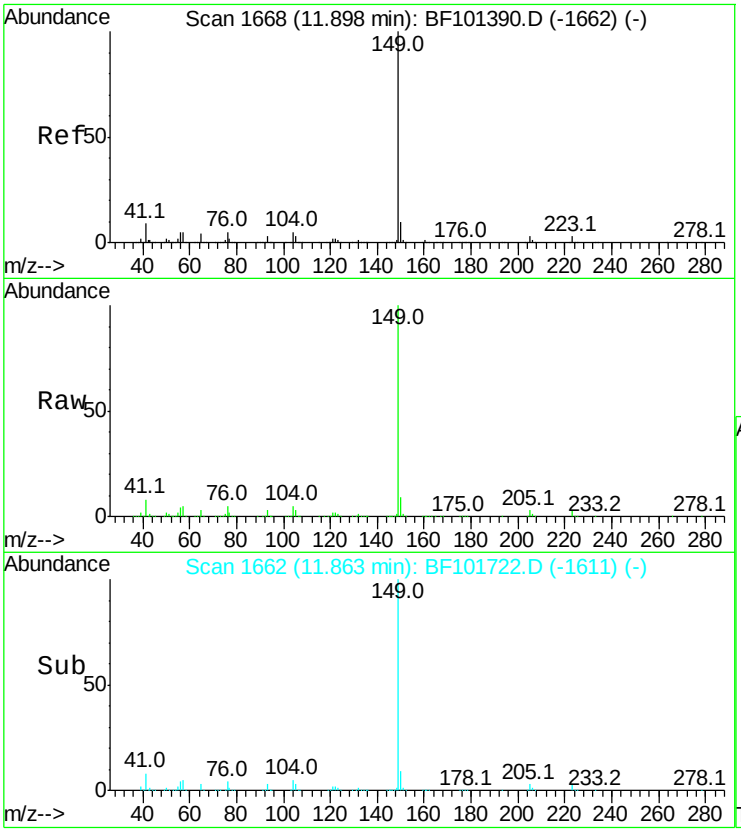




#72
Carbazole
Concen: 33.141 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:167 Resp: 867489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.1 | 17.6 | 26.4 |
| 139 | 12.9 | 10.9 | 16.3 |



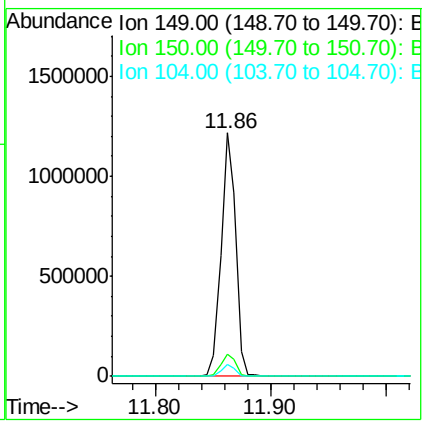


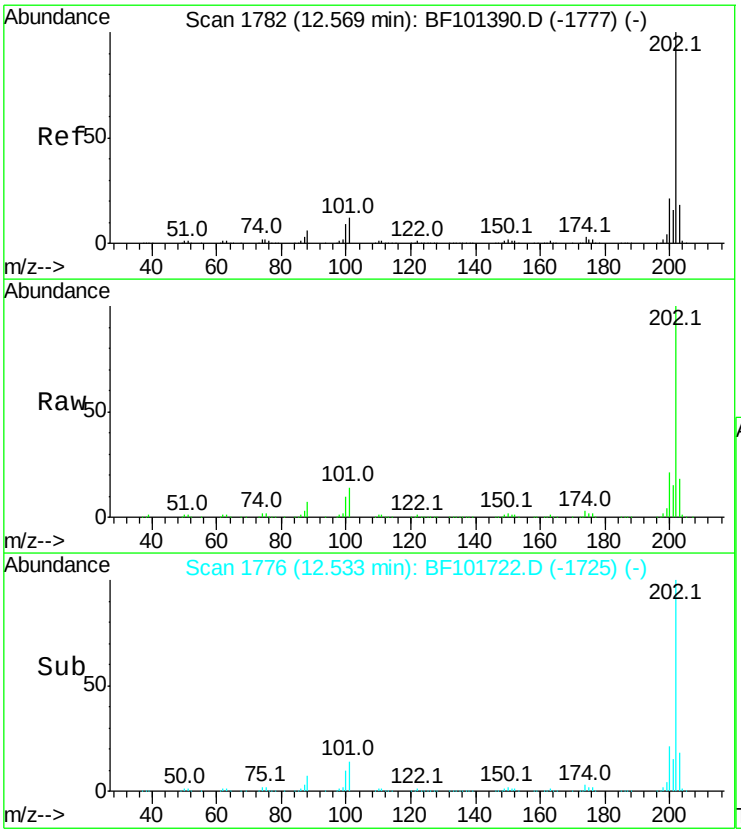

#73
Di-n-butylphthalate
Concen: 33.416 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:149 Resp: 1061635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.8 | 11.6 |
| 104 | 4.9 | 3.8 | 5.8 |

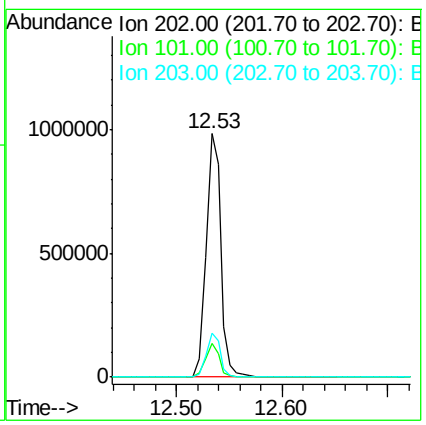


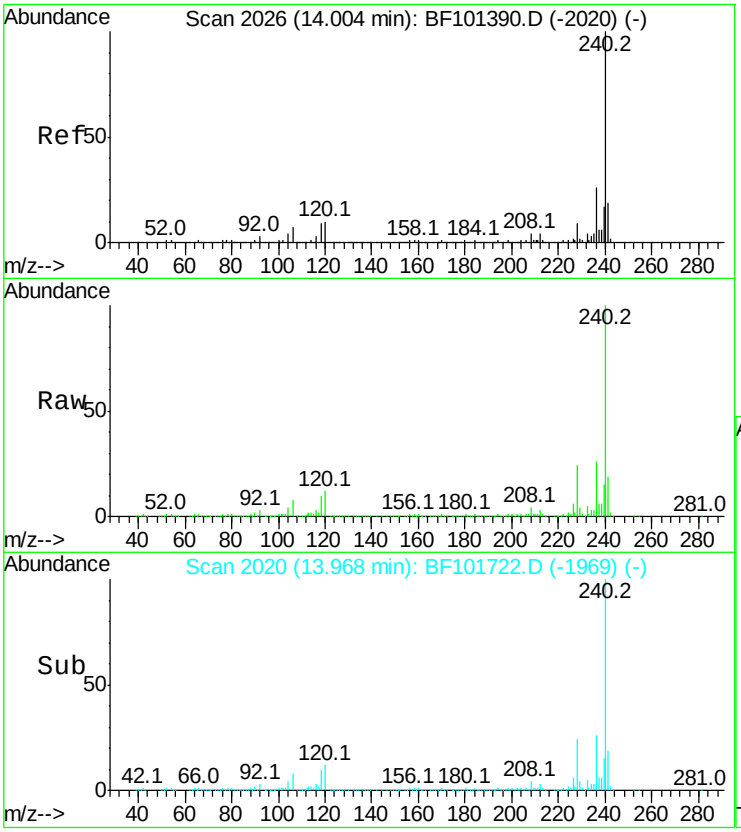




#74
Fluoranthene
Concen: 33.270 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:202 Resp: 955798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.6 | 0.0 | 34.1 |
| 203 | 18.0 | 0.0 | 38.1 |



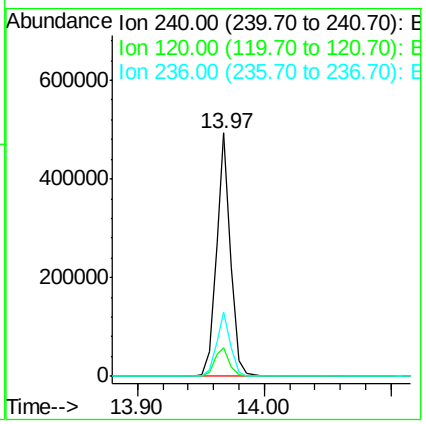


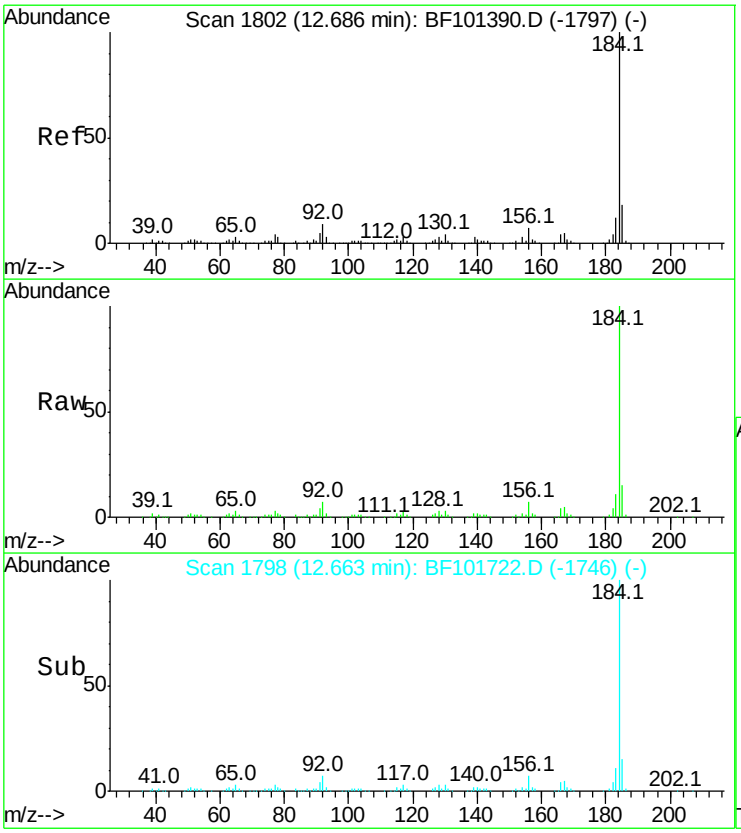

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:240 Resp: 384348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.5 | 9.5 | 14.3 |
| 236 | 26.2 | 20.7 | 31.1 |

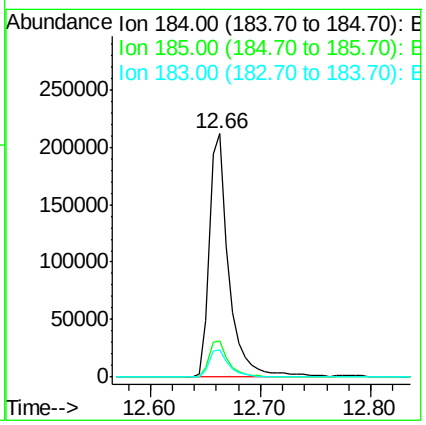


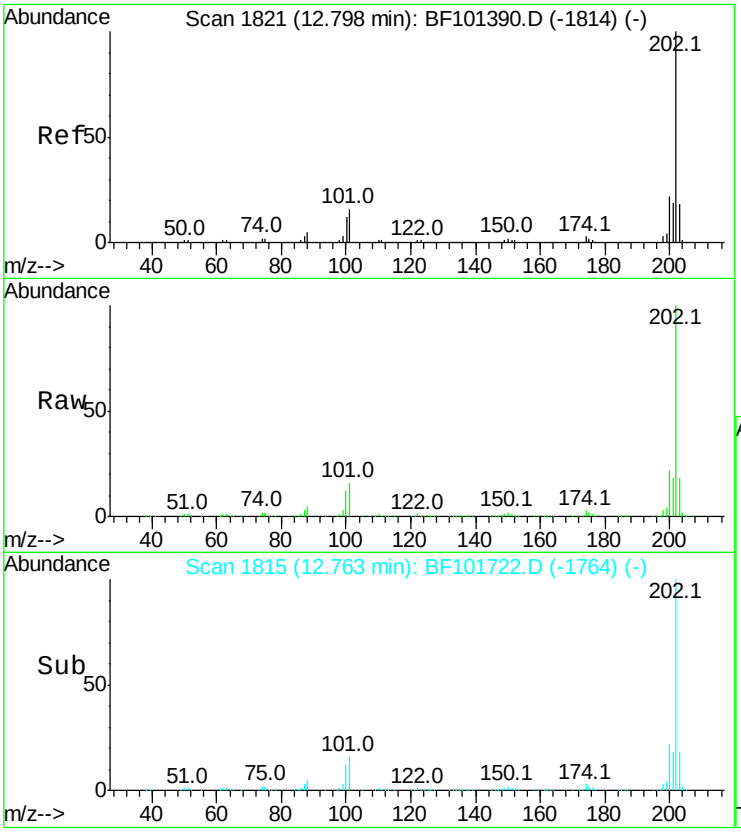




#76
Benzidine
Concen: 15.698 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:184 Resp: 254821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.1 | 12.6 | 18.8 |
| 183 | 11.2 | 9.3 | 13.9 |



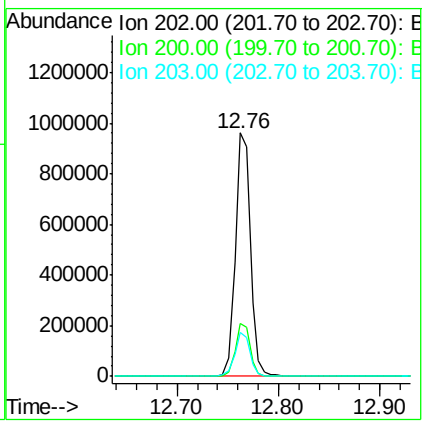


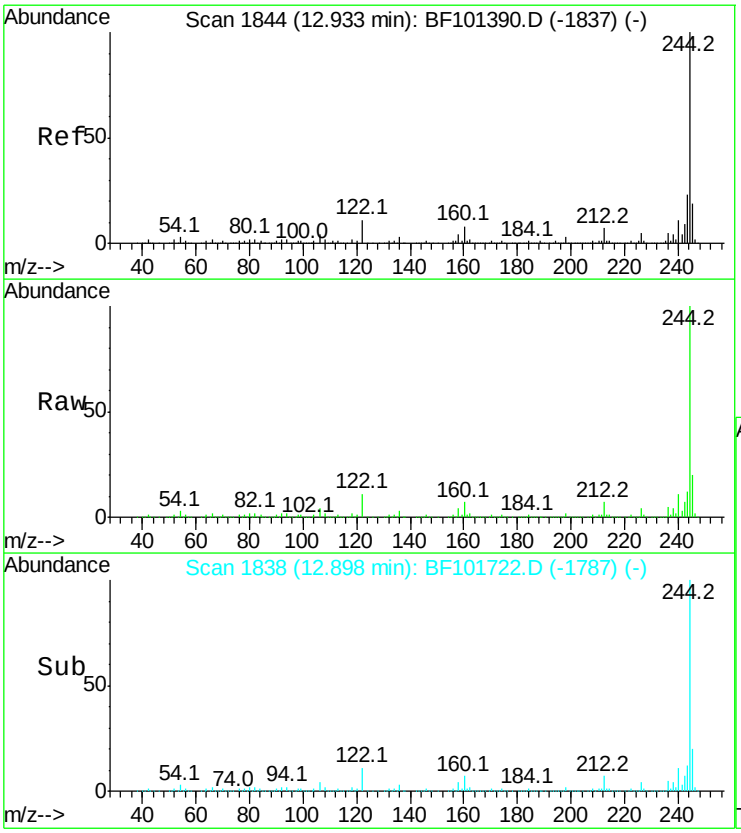

#77
Pyrene
Concen: 34.188 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:202 Resp: 986173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 17.4 | 26.2 |
| 203 | 17.9 | 14.3 | 21.5 |

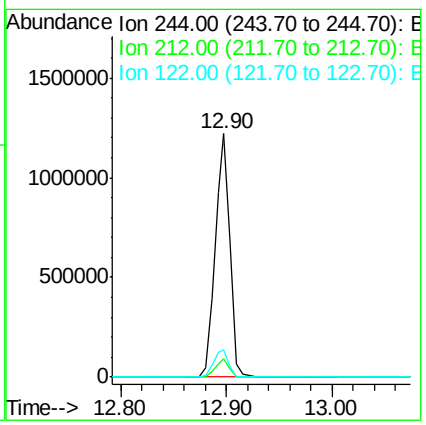


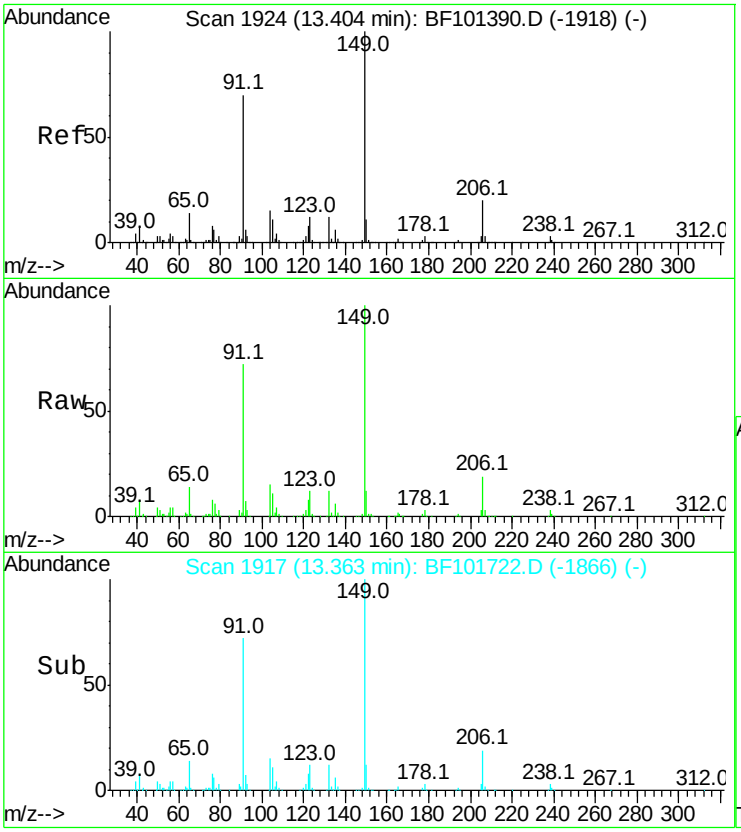




#78
Terphenyl-d14
Concen: 74.755 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:244 Resp: 1191817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.4 | 8.0 |
| 122 | 11.3 | 11.0 | 16.4 |



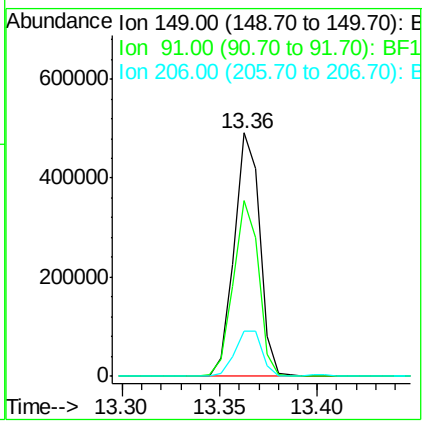


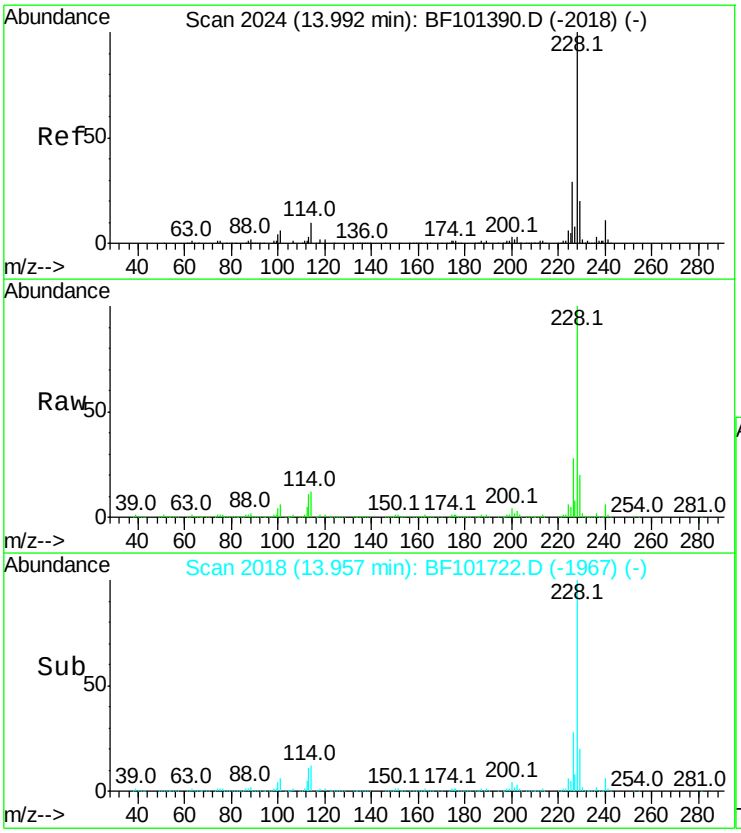

#79
Butylbenzylphthalate
Concen: 34.361 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:149 Resp: 448471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.4 | 56.8 | 85.2 |
| 206 | 18.7 | 14.1 | 21.1 |

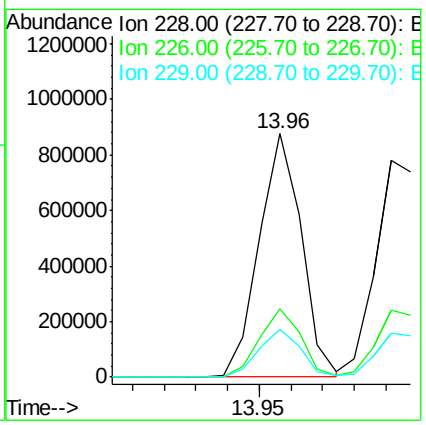


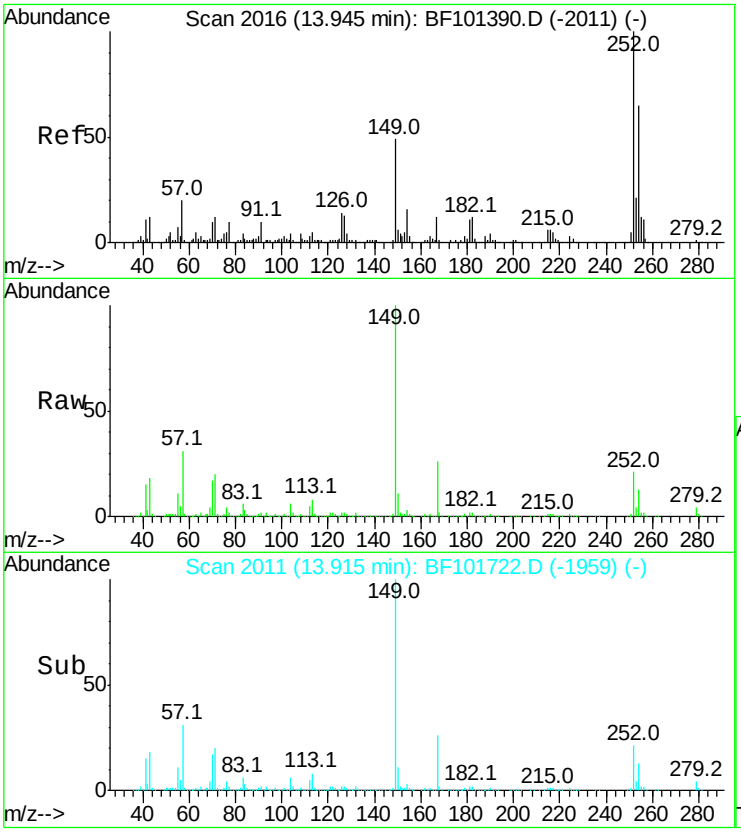




#80
Benzo(a)anthracene
Concen: 32.068 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:228 Resp: 813862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 22.6 | 33.8 |
| 229 | 19.6 | 15.8 | 23.6 |



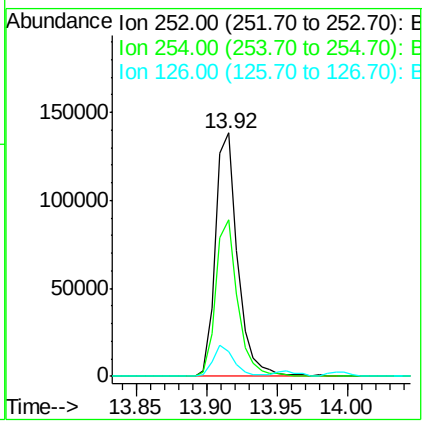


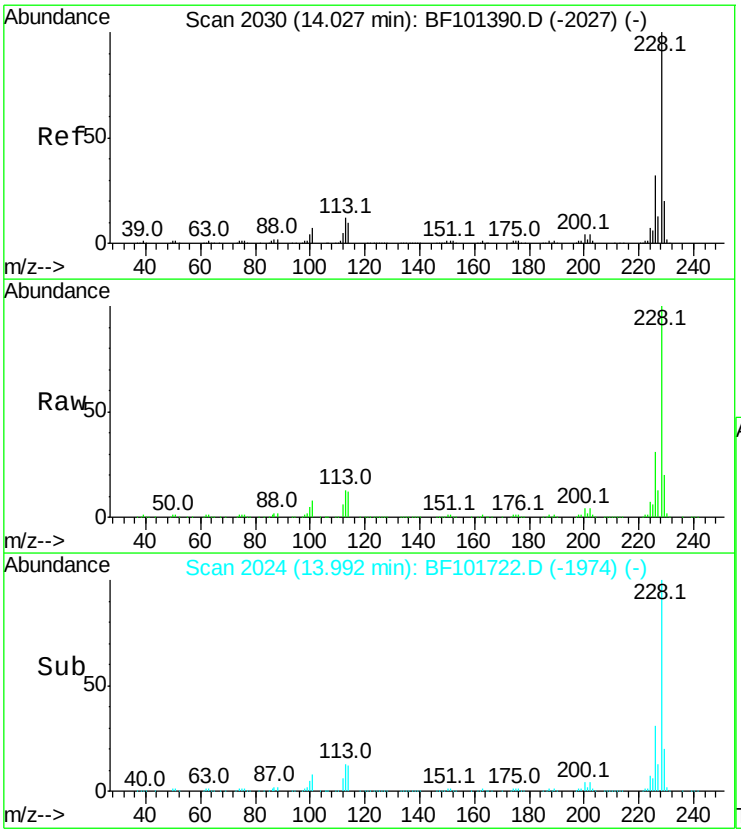

#81
3,3'-Dichlorobenzidine
Concen: 18.379 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:252 Resp: 152095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.1 | 50.4 | 75.6 |
| 126 | 10.4 | 11.3 | 16.9# |

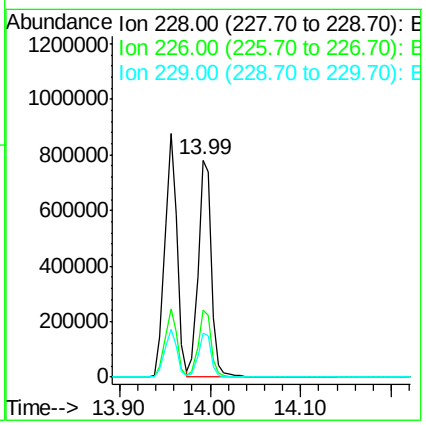


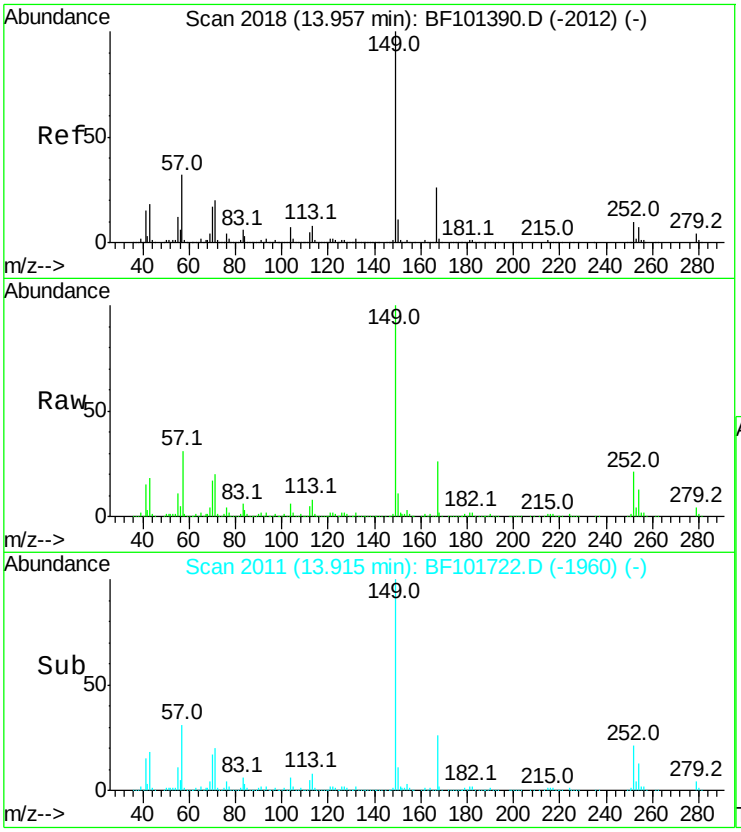




#82
Chrysene
Concen: 33.109 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:228 Resp: 793364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.0 | 25.0 | 37.6 |
| 229 | 20.3 | 16.2 | 24.4 |



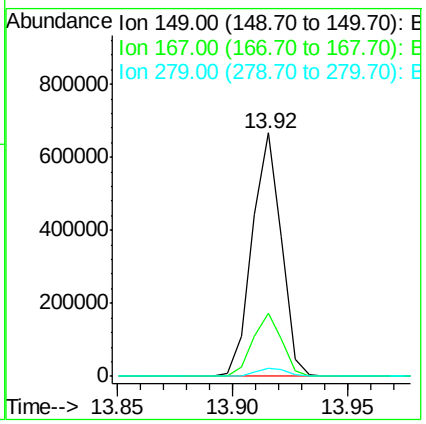


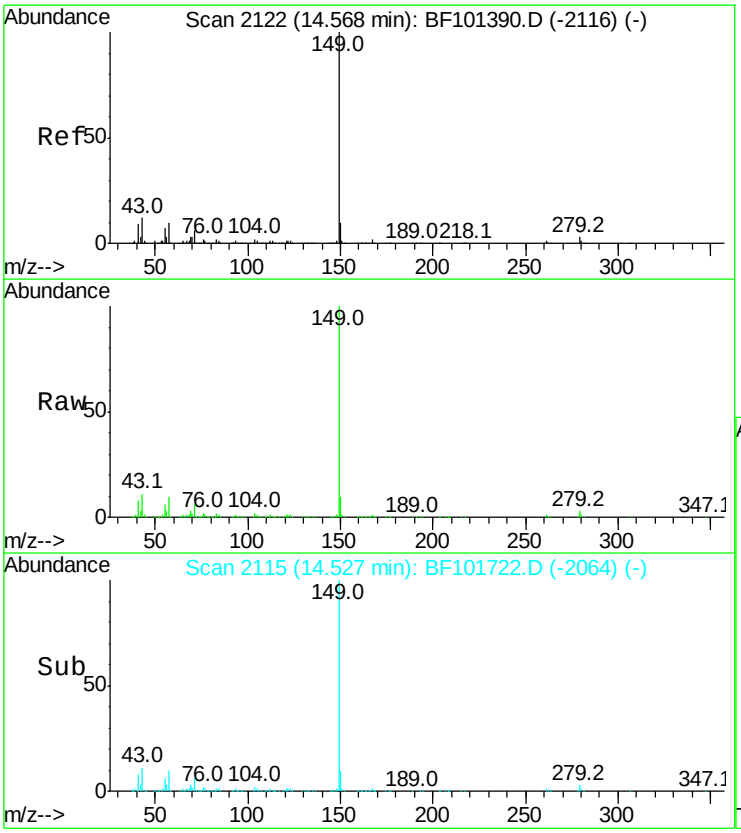

#83
Bis(2-ethylhexyl)phthalate
Concen: 35.575 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:149 Resp: 588120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.7 | 21.3 | 31.9 |
| 279 | 3.5 | 3.0 | 4.4 |

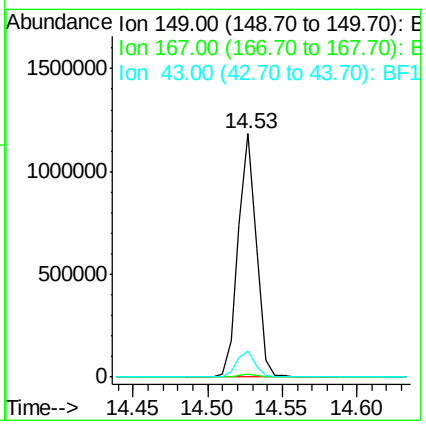


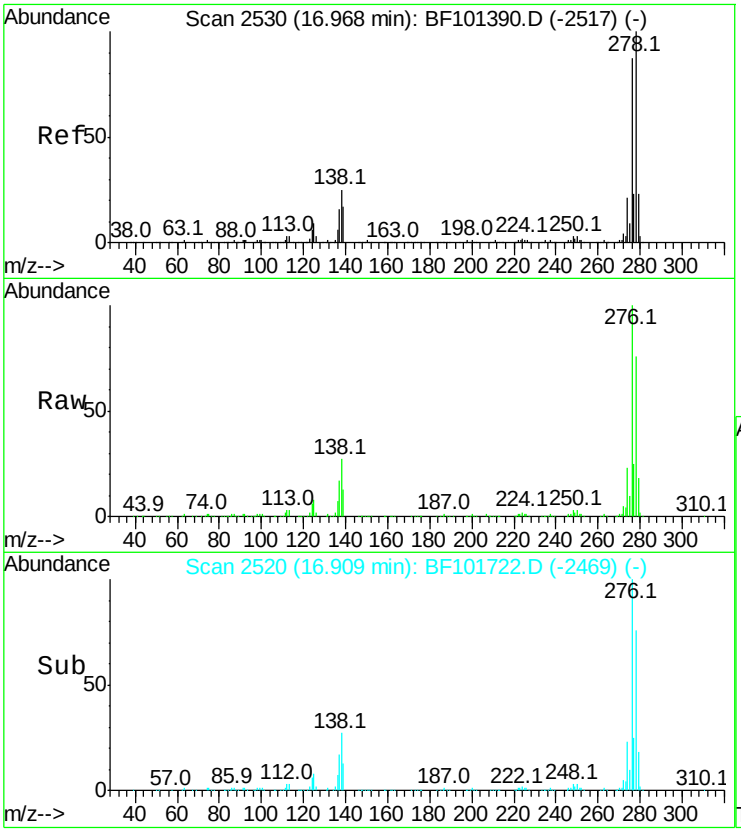




#84
Di-n-octyl phthalate
Concen: 34.182 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:149 Resp: 1007785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 11.1 | 8.4 | 12.6 |



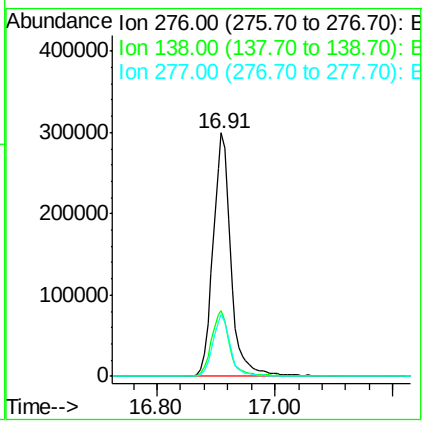


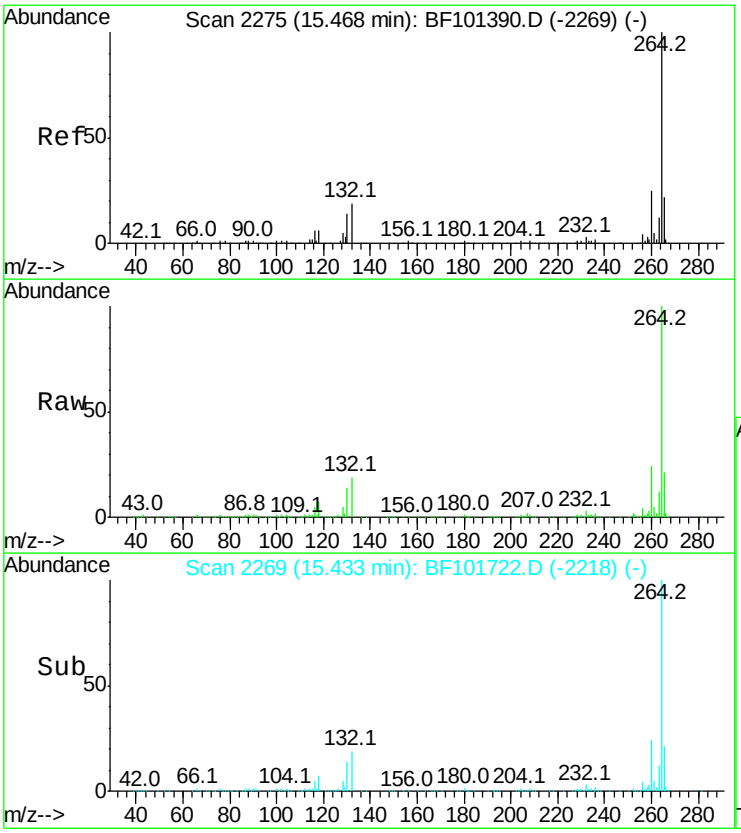

#85
Indeno(1,2,3-cd)pyrene
Concen: 29.354 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:276 Resp: 626381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.6 | 25.0 | 37.6 |
| 277 | 24.9 | 20.1 | 30.1 |

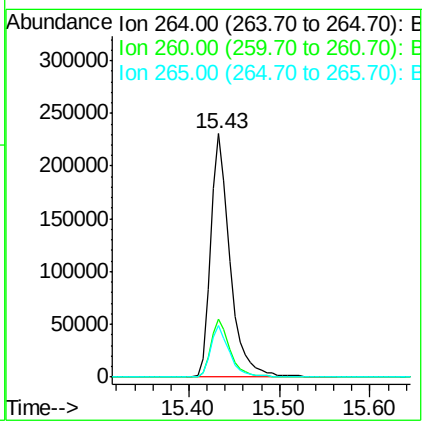


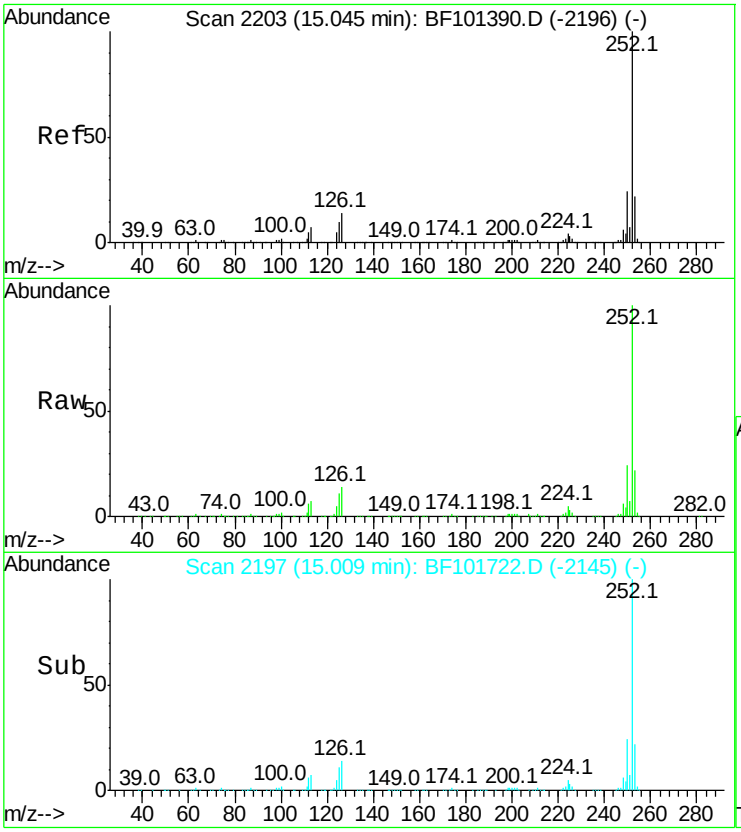




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:264 Resp: 340700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.2 | 28.8 |
| 265 | 20.9 | 17.5 | 26.3 |



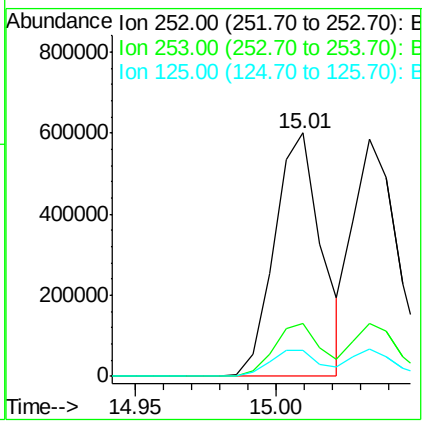


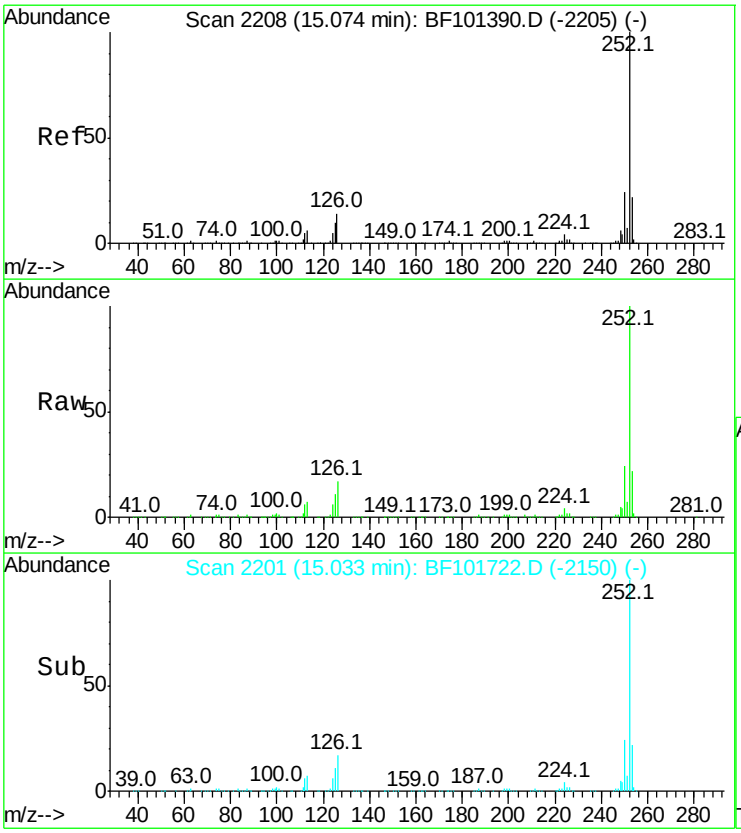

#87
Benzo(b)fluoranthene
Concen: 33.407 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:252 Resp: 693745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.0 | 25.6 |
| 125 | 10.5 | 9.0 | 13.6 |

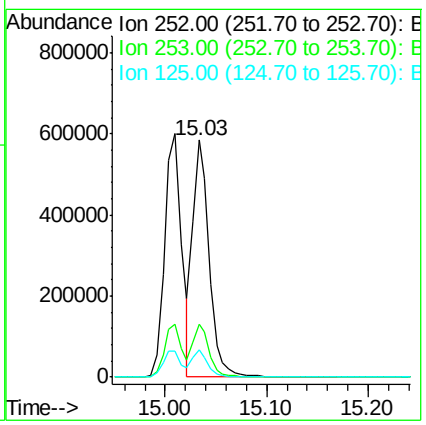


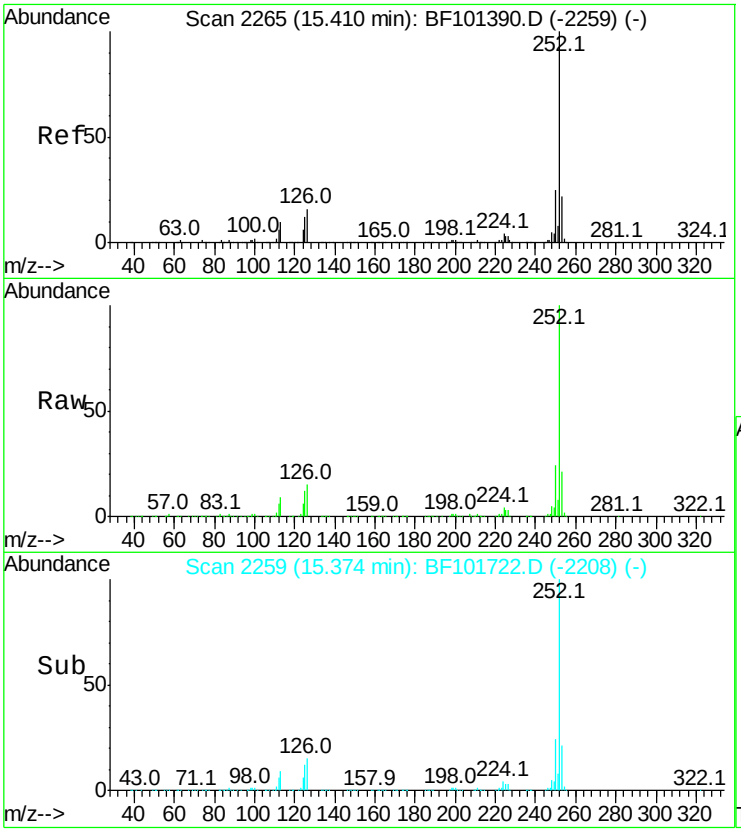




#88
Benzo(k)fluoranthene
Concen: 32.544 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:252 Resp: 657095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.9 | 26.9 |
| 125 | 11.4 | 10.2 | 15.2 |



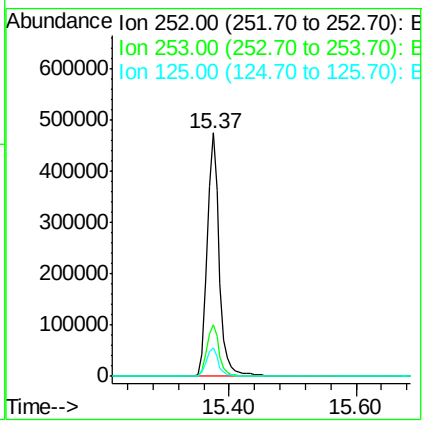


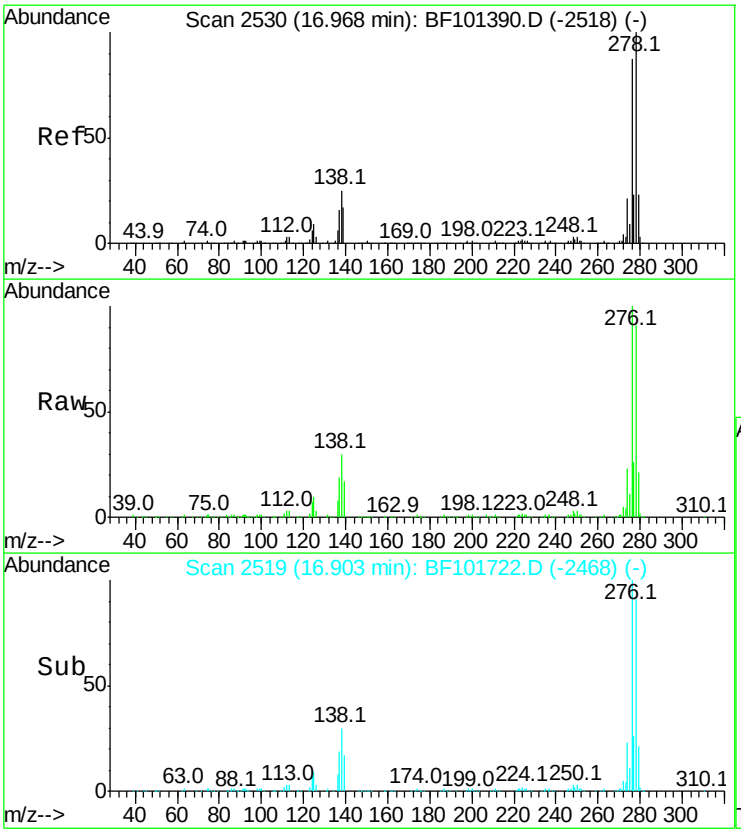

#89
Benzo(a)pyrene
Concen: 33.547 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:252 Resp: 642216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.3 | 17.1 | 25.7 |
| 125 | 11.8 | 9.8 | 14.6 |

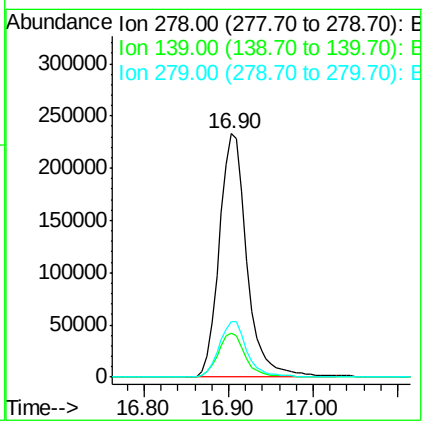


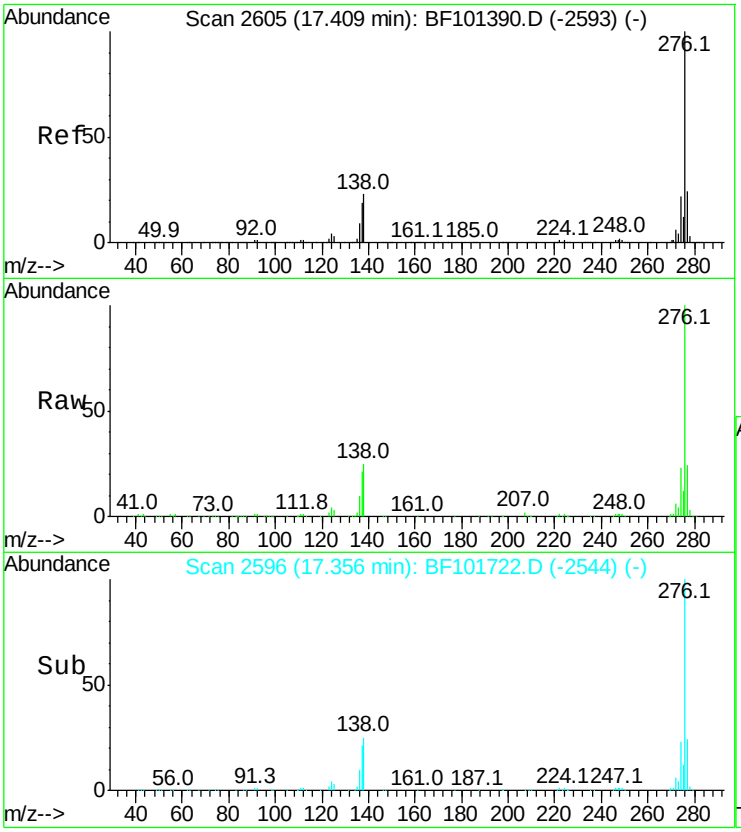




#90
Dibenzo(a,h)anthracene
Concen: 31.969 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

Tgt Ion:278 Resp: 525460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.3 | 15.9 | 23.9 |
| 279 | 22.8 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 32.605 ng
RT: 17.36 min Scan# 2596
Delta R.T. 0.01 min
Lab File: BF101722.D
Acq: 26 Dec 2017 19:19

**Instrument :**
BNA_F
**ClientSampleId :**
PB105334BS

Tgt Ion:276 Resp: 530672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 17.9 | 26.9 |
| 138 | 24.8 | 21.8 | 32.8 |