Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
Data File : BF102612.D
Acq On : 29 Jan 2018 22:11
Operator : SJ/JU
Sample : J1353-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 30 00:14:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 150034 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 584172 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.75 | 164 | 214720 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.24 | 188 | 293775 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.89 | 240 | 259044 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.32 | 264 | 288598 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 1189961 | 120.26 | ng | | 0.01 |
| 7) Phenol-d6 | 6.37 | 99 | 1380887 | 115.76 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 883243 | 86.89 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 189061 | 88.86 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.07 | 172 | 1263154 | 86.50 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.82 | 244 | 846501 | 73.67 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.40 | 88 | 150913 | 32.099 | ng | | 95 |
| 3) Pyridine | 3.12 | 79 | 420168 | 34.198 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.08 | 42 | 205015 | 42.564 | ng | | 98 |
| 6) Aniline | 6.39 | 93 | 292631 | 18.546 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.50 | 128 | 396759 | 38.251 | ng | | 99 |
| 9) Benzaldehyde | 6.27 | 77 | 174191 | 22.972 | ng | | 92 |
| 10) Phenol | 6.39 | 94 | 482917 | 37.080 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 6.46 | 93 | 396905 | 40.070 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 6.66 | 146 | 432234 | 35.038 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.73 | 146 | 436191 | 35.298 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.89 | 146 | 398978 | 35.298 | ng | | 98 |
| 15) Benzyl Alcohol | 6.87 | 79 | 294071 | 34.938 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45 | 589416 | 35.479 | ng | | 52 |
| 17) 2-Methylphenol | 6.99 | 107 | 311707 | 34.602 | ng | # | 90 |
| 18) Hexachloroethane | 7.22 | 117 | 143875 | 33.412 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70 | 264843 | 36.278 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.15 | 107 | 415900 | 39.255 | ng | | 93 |
| 22) Acetophenone | 7.13 | 105 | 546660 | 39.256 | ng | | 98 |
| 24) Nitrobenzene | 7.30 | 77 | 394883 | 37.959 | ng | | 99 |
| 25) Isophorone | 7.54 | 82 | 700652 | 38.662 | ng | | 99 |
| 26) 2-Nitrophenol | 7.62 | 139 | 193813 | 35.398 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 7.66 | 122 | 332701 | 41.848 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93 | 470808 | 42.056 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.87 | 162 | 309814 | 38.257 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.94 | 180 | 305181 | 35.155 | ng | | 98 |
| 31) Naphthalene | 8.02 | 128 | 1096373 | 37.590 | ng | | 99 |
| 32) Benzoic acid | 7.66 | 122 | 332701 | 49.948 | ng | # | 14 |
| 33) 4-Chloroaniline | 8.08 | 127 | 150093 | 12.237 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.13 | 225 | 160350 | 34.584 | ng | | 97 |
| 35) Caprolactam | 8.45 | 113 | 86794 | 32.452 | ng | | 98 |
| 36) 4-Chloro-3-methylphenol | 8.57 | 107 | 296737 | 34.762 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.71 | 142 | 695277 | 35.794 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 257551 | 39.868 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.86 | 237 | 34580 | 11.961 | ng | | 97 |

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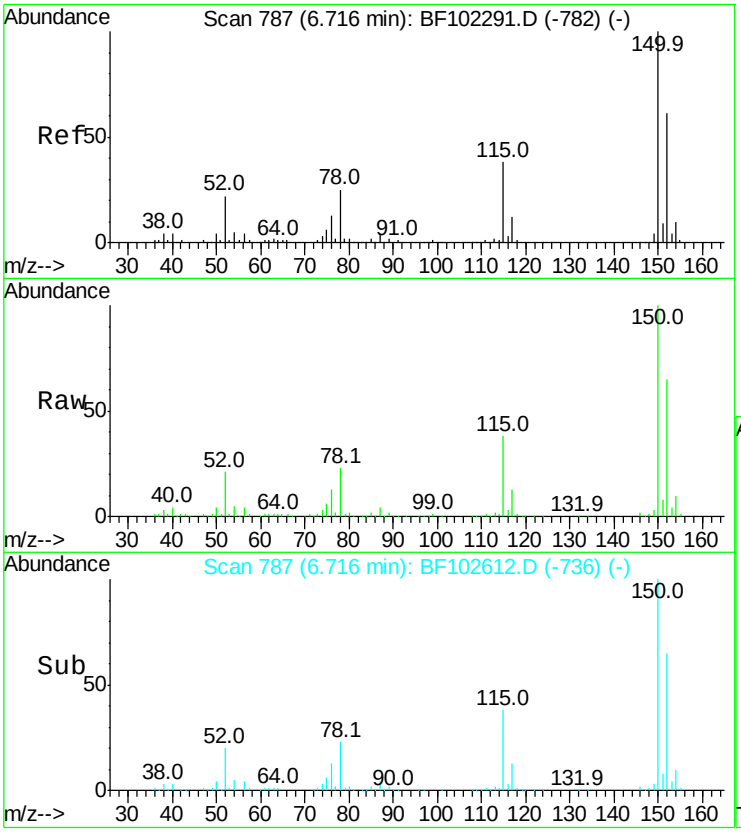
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jan 30 00:14:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.00 | 196 | 164565 | 38.054 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.05 | 196 | 163460 | 33.571 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.17 | 154 | 756297 | 39.392 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.20 | 162 | 576584 | 38.636 | ng | | 98 |
| 47) 2-Nitroaniline | 9.30 | 65 | 178995 | 38.472 | ng | | 96 |
| 48) Acenaphthylene | 9.62 | 152 | 979565 | 42.132 | ng | | 100 |
| 49) Dimethylphthalate | 9.47 | 163 | 777986 | 43.835 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.55 | 165 | 133736 | 34.950 | ng | | 97 |
| 51) Acenaphthene | 9.79 | 154 | 492720 | 36.287 | ng | | 100 |
| 52) 3-Nitroaniline | 9.72 | 138 | 111332 | 24.595 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 9.85 | 184 | 8544 | 8.442 | ng | # | 23 |
| 54) Dibenzofuran | 9.96 | 168 | 710421 | 38.658 | ng | | 98 |
| 55) 4-Nitrophenol | 9.90 | 139 | 129159 | 43.225 | ng | | 93 |
| 56) 2,4-Dinitrotoluene | 9.96 | 165 | 148845 | 31.632 | ng | # | 86 |
| 57) Fluorene | 10.30 | 166 | 556137 | 38.191 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.08 | 232 | 108529 | 31.218 | ng | | 96 |
| 59) Diethylphthalate | 10.17 | 149 | 581829 | 33.736 | ng | | 100 |
| 60) 4-Chlorophenyl-phenylether | 10.29 | 204 | 232962 | 36.899 | ng | | 95 |
| 61) 4-Nitroaniline | 10.33 | 138 | 114558 | 25.362 | ng | | 95 |
| 62) Azobenzene | 10.45 | 77 | 527080 | 33.380 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.37 | 198 | 15373 | 7.844 | ng | | 96 |
| 65) n-Nitrosodiphenylamine | 10.41 | 169 | 464976 | 43.122 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.78 | 248 | 128397 | 40.600 | ng | | 92 |
| 67) Hexachlorobenzene | 10.85 | 284 | 120132 | 33.966 | ng | | 97 |
| 68) Atrazine | 10.94 | 200 | 124178 | 38.993 | ng | | 99 |
| 69) Pentachlorophenol | 11.05 | 266 | 83732 | 45.066 | ng | | 99 |
| 70) Phenanthrene | 11.26 | 178 | 1190586 | 69.548 | ng | | 99 |
| 71) Anthracene | 11.32 | 178 | 804508 | 46.043 | ng | | 99 |
| 72) Carbazole | 11.47 | 167 | 676994 | 39.715 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.79 | 149 | 761227 | 35.726 | ng | | 99 |
| 74) Fluoranthene | 12.46 | 202 | 1582417 | 90.646 | ng | | 100 |
| 76) Benzidine | 12.58 | 184 | 113315 | 13.021 | ng | | 96 |
| 77) Pyrene | 12.69 | 202 | 1501351 | 74.961 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.29 | 149 | 335178 | 33.628 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.87 | 228 | 1188362 | 74.512 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 13.84 | 252 | 162178 | 27.720 | ng | | 99 |
| 82) Chrysene | 13.92 | 228 | 1085526 | 67.026 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.85 | 149 | 496701 | 37.082 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.46 | 149 | 895647 | 41.116 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.74 | 276 | 797286 | 59.609 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.94 | 252 | 841108 | 44.966 | ng | | 96 |
| 88) Benzo(k)fluoranthene | 14.94 | 252 | 841108 | 47.594 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.27 | 252 | 1073924 | 63.658 | ng | | 96 |
| 90) Dibenzo(a,h)anthracene | 16.74 | 278 | 502171 | 36.747 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.16 | 276 | 682436 | 50.575 | ng | | 97 |

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

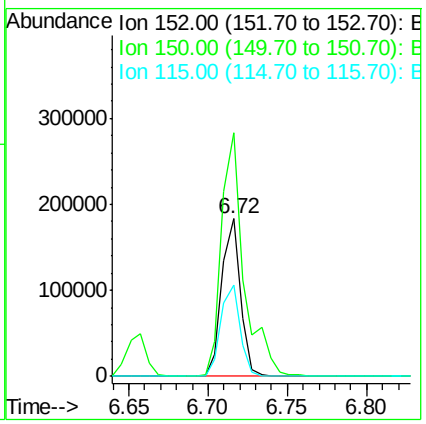


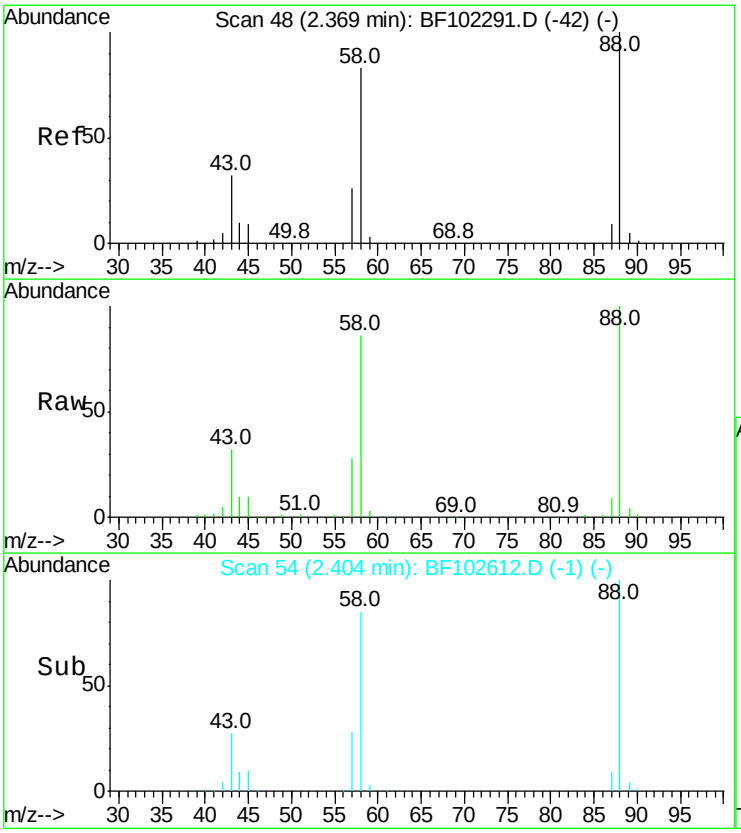

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:152 Resp: 150034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.6 | 124.6 | 186.8 |
| 115 | 58.1 | 50.1 | 75.1 |

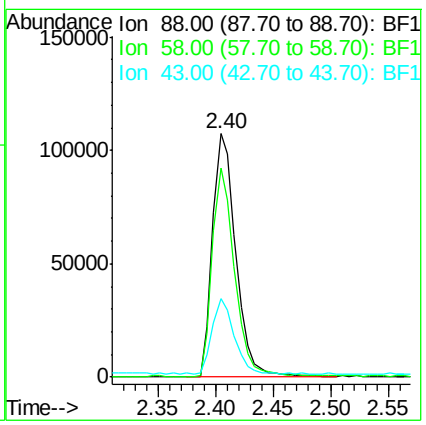


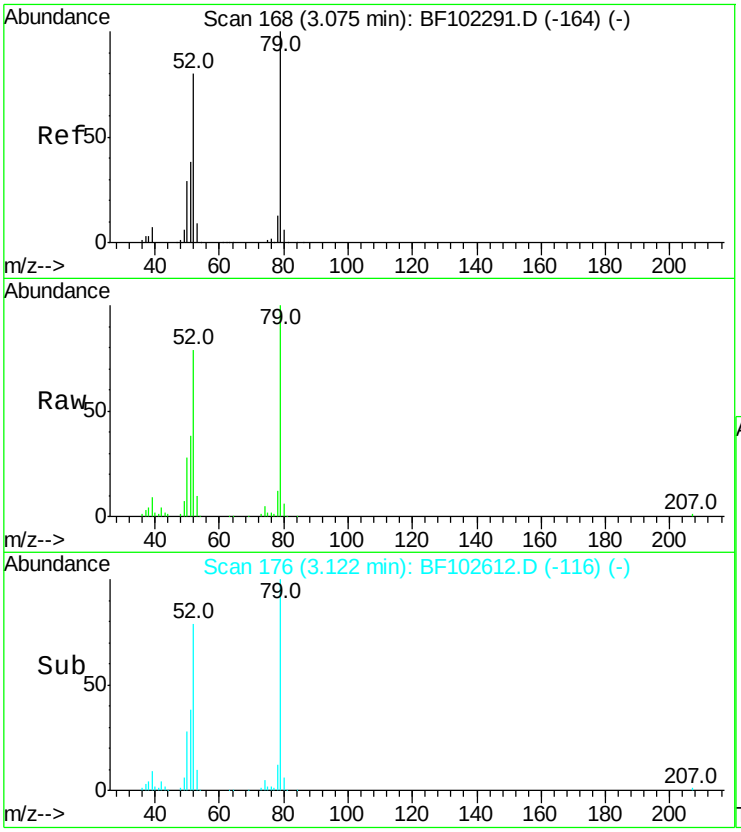




#2
1,4-Dioxane
Concen: 32.099 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.04 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 88 Resp: 150913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 83.1 | 62.6 | 93.8 |
| 43 | 29.4 | 24.6 | 37.0 |



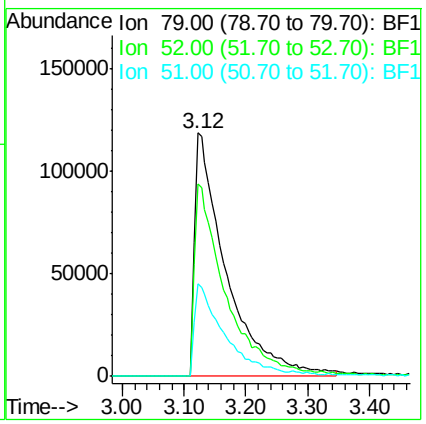


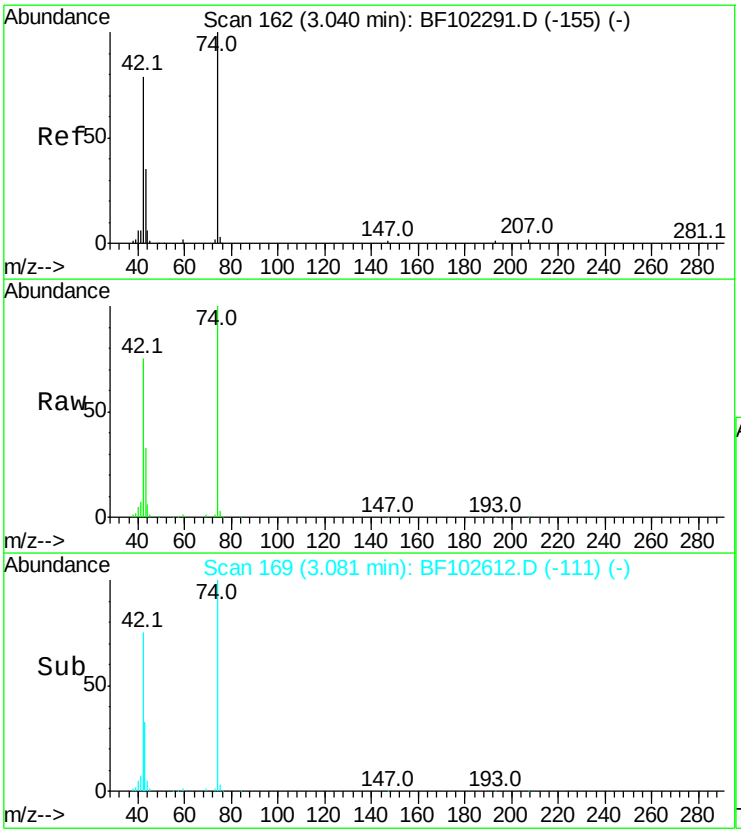

#3
Pyridine
Concen: 34.198 ng
RT: 3.12 min Scan# 176
Delta R.T. 0.05 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion: 79 Resp: 420168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 78.9 | 59.8 | 89.6 |
| 51 | 38.0 | 29.8 | 44.8 |

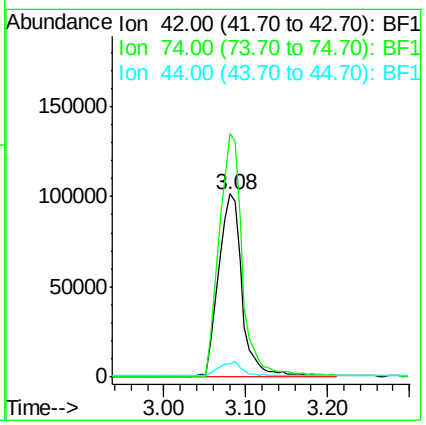


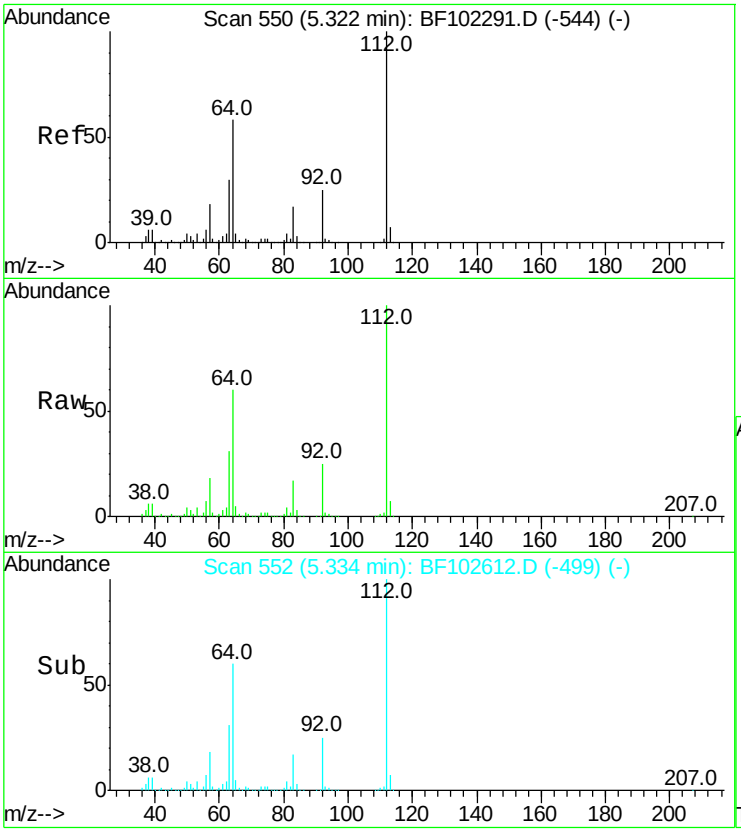




#4
n-Nitrosodimethylamine
Concen: 42.564 ng
RT: 3.08 min Scan# 169
Delta R.T. 0.04 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 42 Resp: 205015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 132.9 | 104.9 | 157.3 |
| 44 | 7.3 | 6.9 | 10.3 |



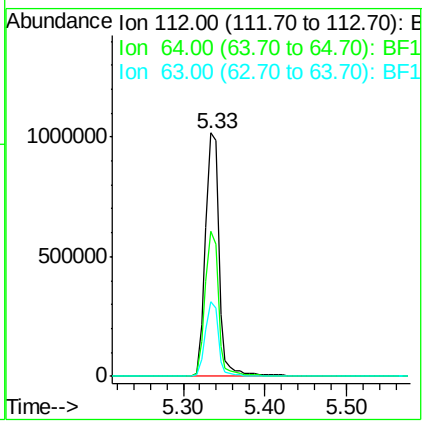


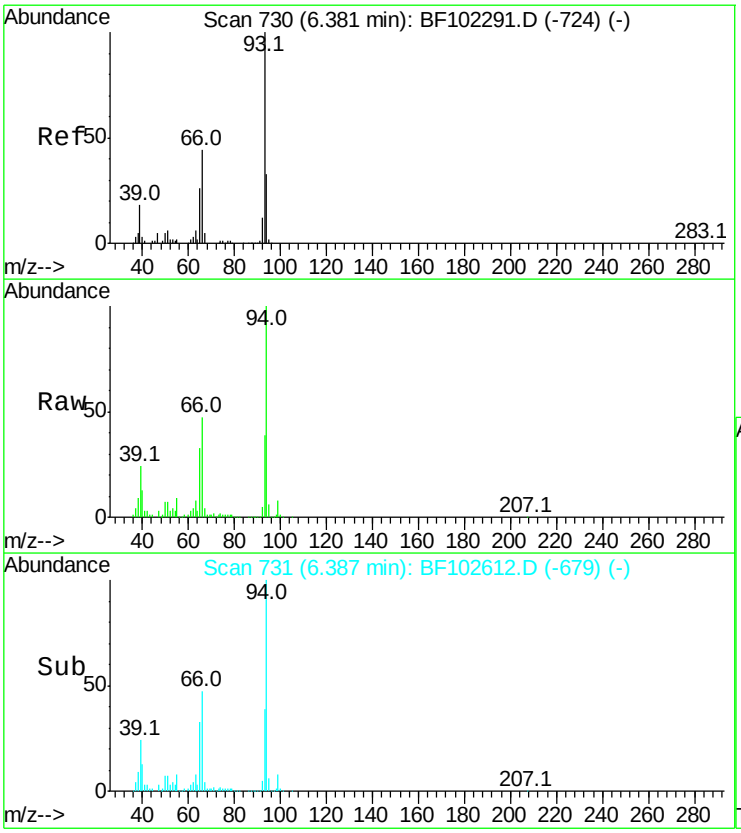

#5
2-Fluorophenol
Concen: 120.259 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:112 Resp: 1189961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.6 | 47.9 | 71.9 |
| 63 | 30.5 | 23.7 | 35.5 |

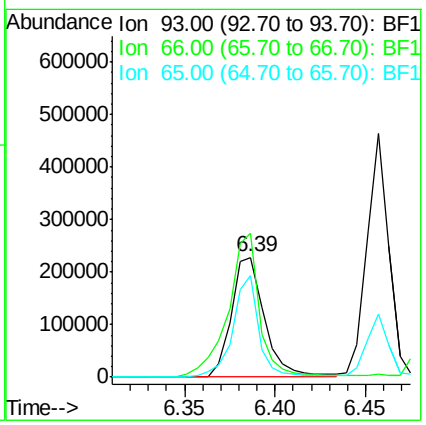


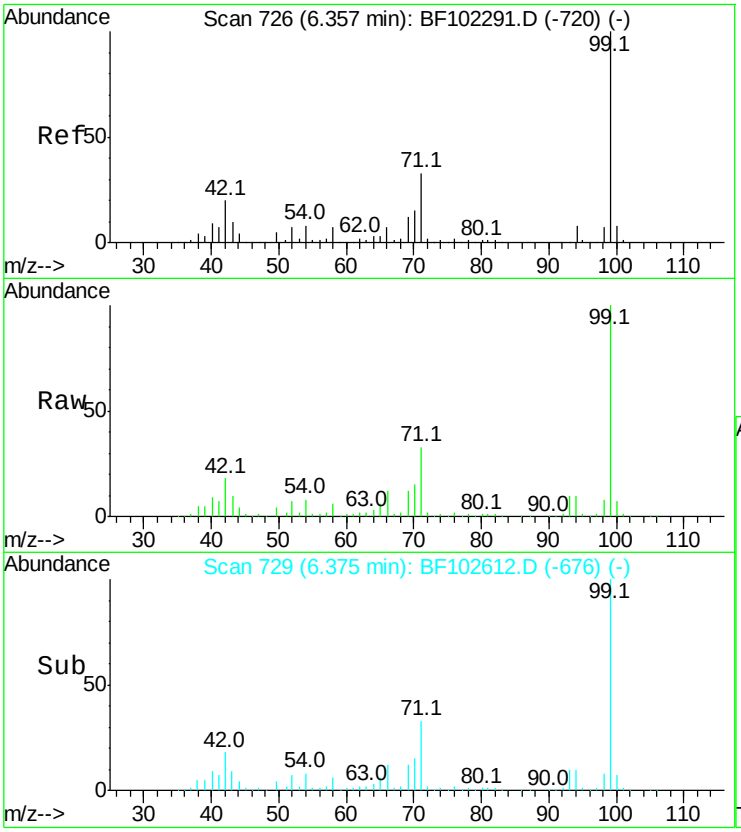




#6
Aniline
Concen: 18.546 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 93 Resp: 292631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 120.5 | 32.2 | 48.2# |
| 65 | 84.5 | 16.4 | 24.6# |



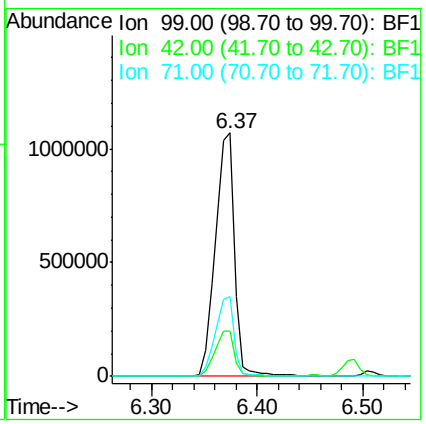


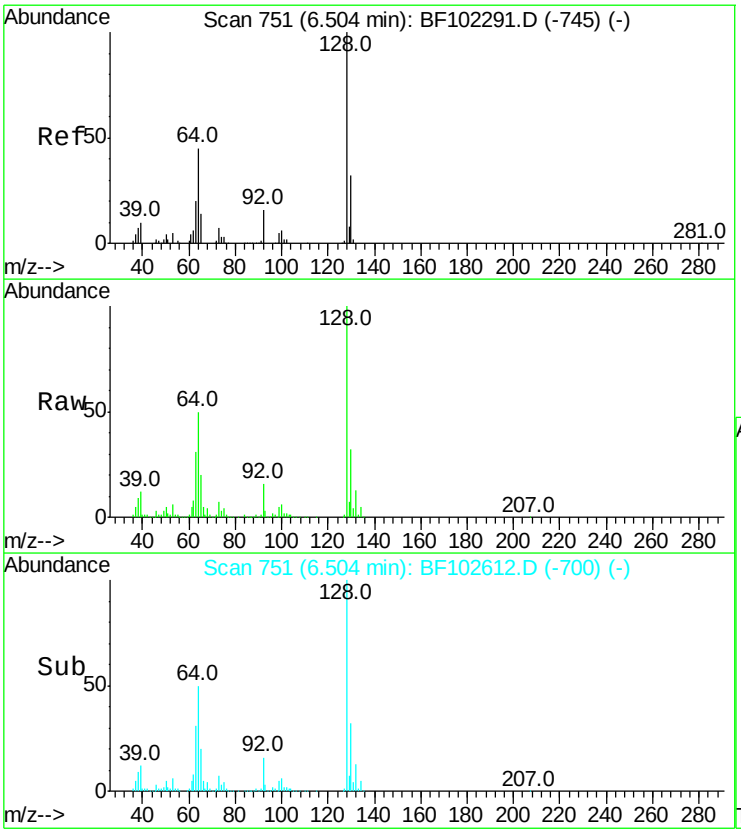

#7
Phenol-d6
Concen: 115.756 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion: 99 Resp: 1380887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.5 | 14.5 | 21.7 |
| 71 | 32.6 | 25.4 | 38.0 |

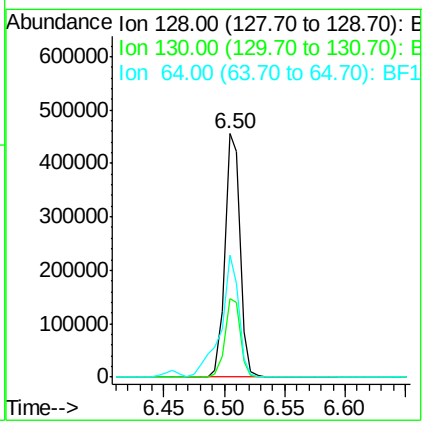


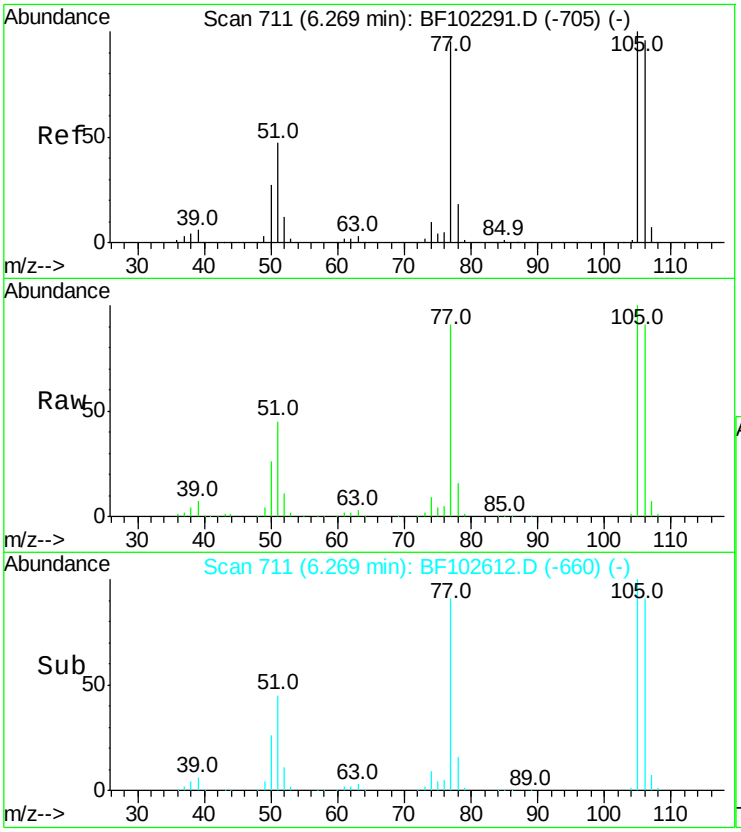




#8
2-Chlorophenol
Concen: 38.251 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:128 Resp: 396759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.2 | 13.0 | 53.0 |
| 64 | 50.0 | 29.4 | 69.4 |



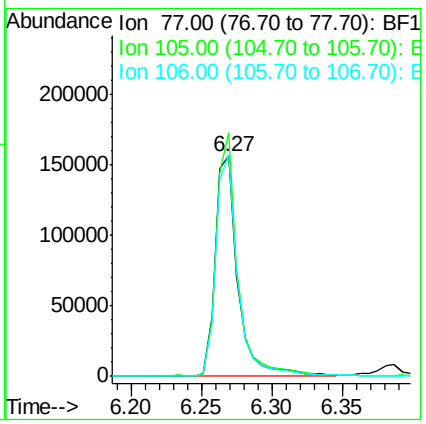


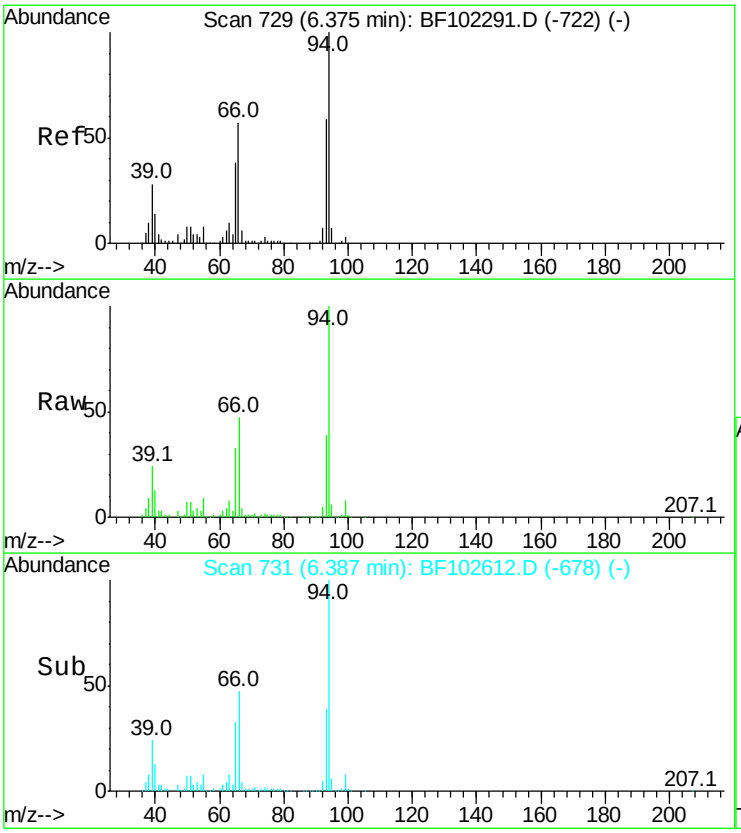

#9
Benzaldehyde
Concen: 22.972 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion: 77 Resp: 174191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 110.4 | 81.1 | 121.1 |
| 106 | 100.5 | 74.5 | 114.5 |

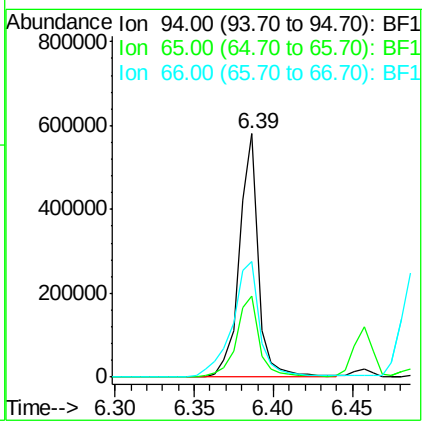


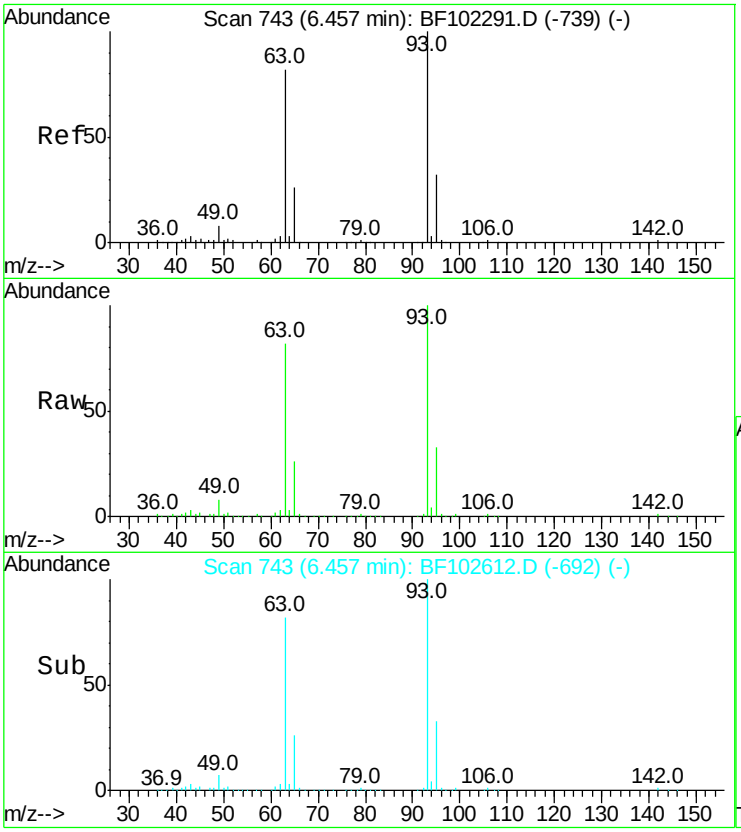




#10
Phenol
Concen: 37.080 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 94 Resp: 482917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.1 | 7.9 | 47.9 |
| 66 | 47.3 | 16.2 | 56.2 |

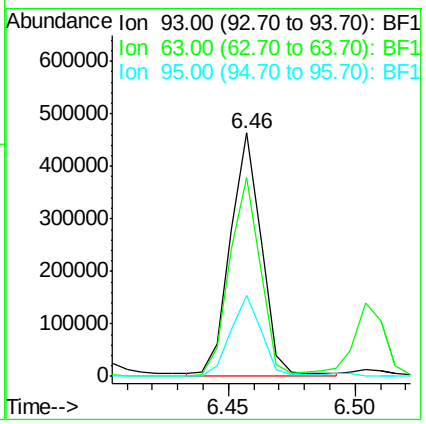




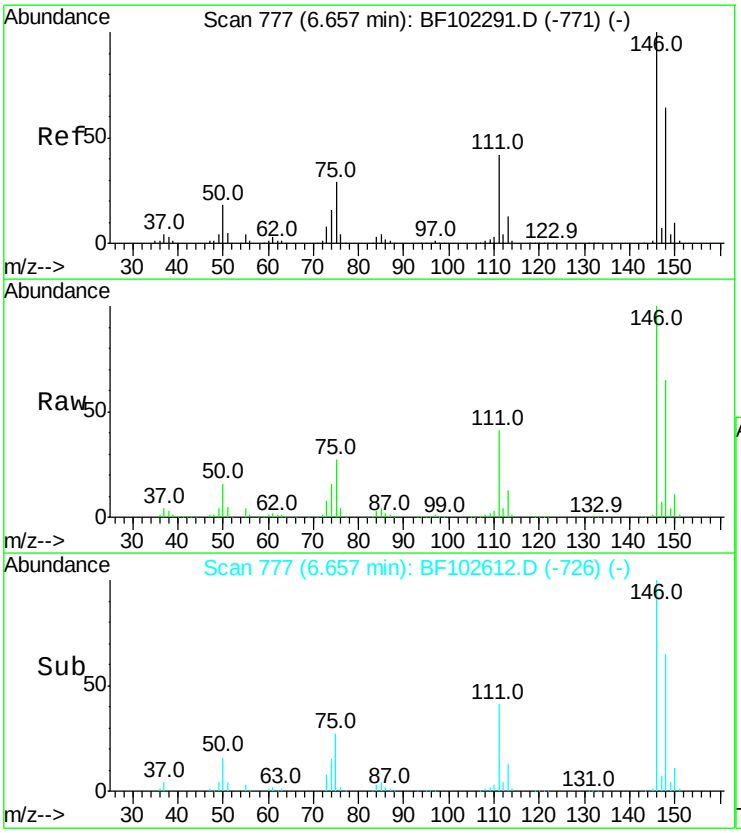

#11
bis(2-Chloroethyl)ether
Concen: 40.070 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 93 Resp: 396905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 81.8 | 58.6 | 98.6 |
| 95 | 33.3 | 11.8 | 51.8 |



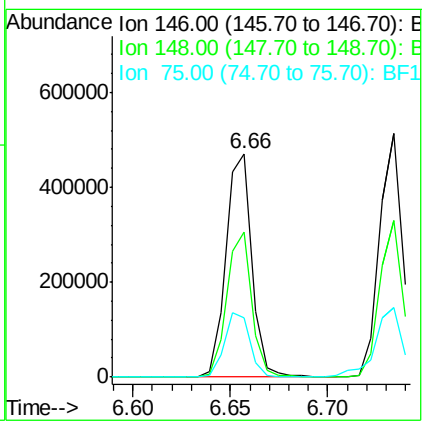

**Instrument :**
BNA_F
**ClientSampleId :**

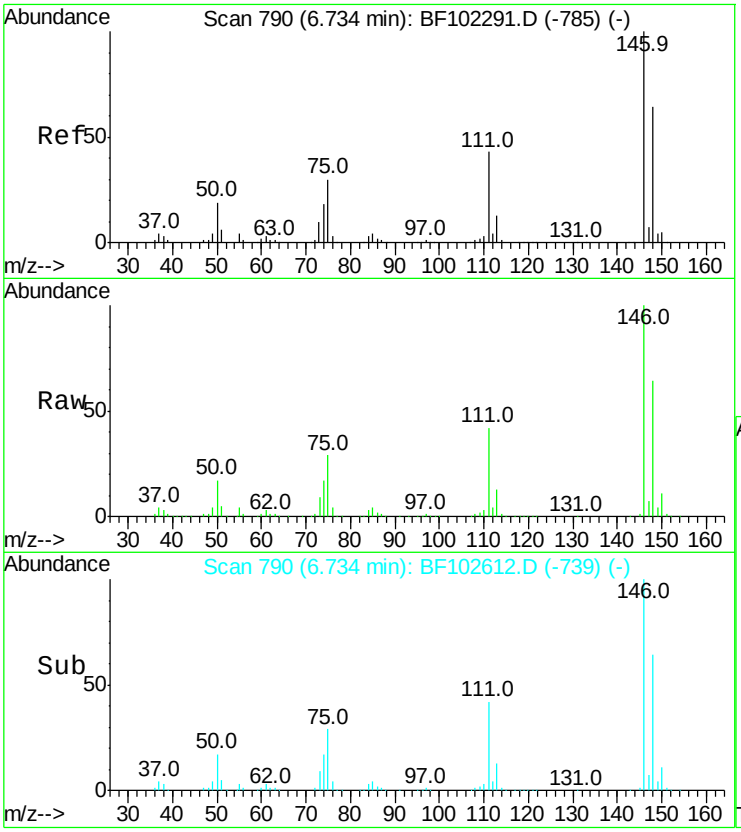



#12
1,3-Dichlorobenzene
Concen: 35.038 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:146 Resp: 432234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.9 | 51.8 | 77.8 |
| 75 | 26.7 | 24.2 | 36.4 |



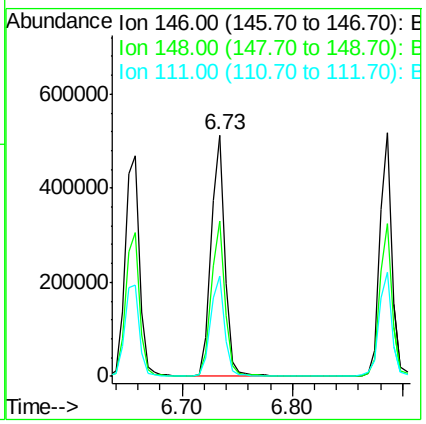


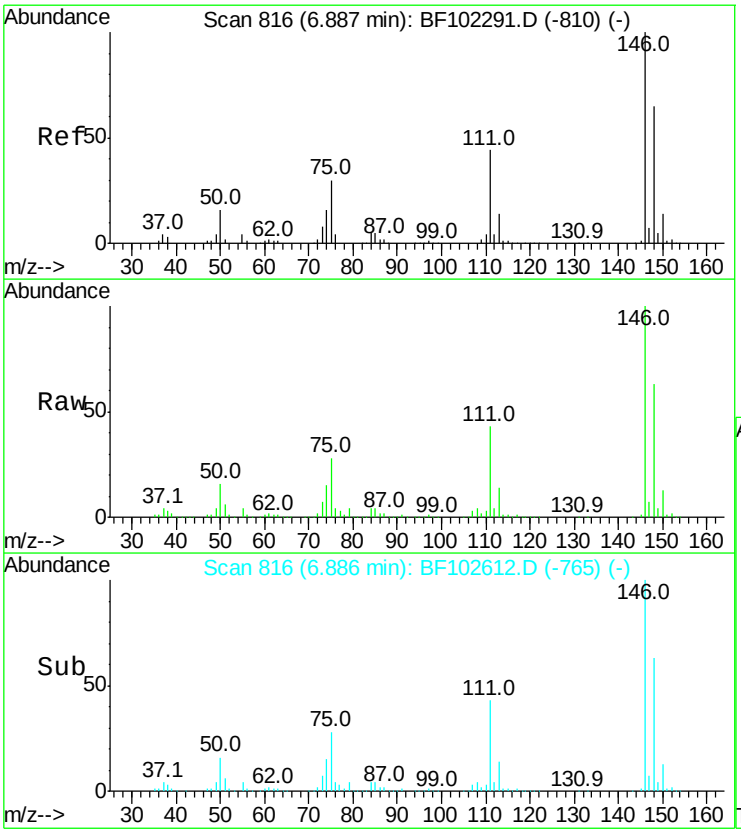

#13
1,4-Dichlorobenzene
Concen: 35.298 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:146 Resp: 436191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 50.8 | 76.2 |
| 111 | 41.7 | 34.2 | 51.2 |

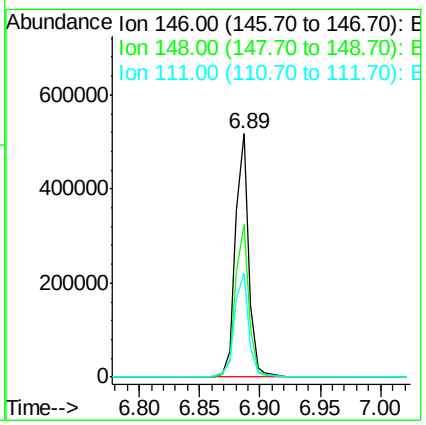


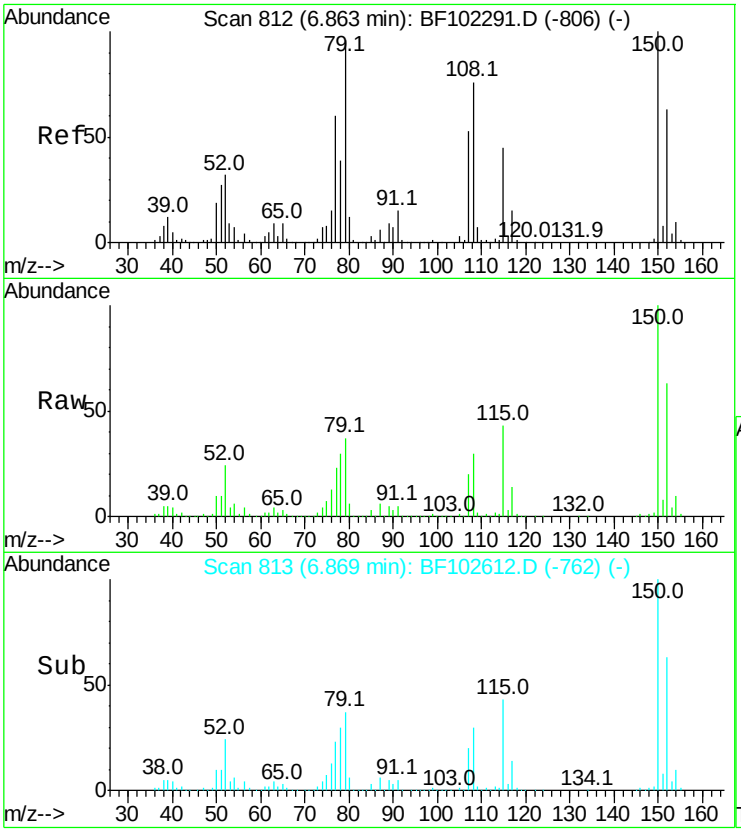




#14
1,2-Dichlorobenzene
Concen: 35.298 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:146 Resp: 398978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 50.6 | 75.8 |
| 111 | 43.0 | 36.0 | 54.0 |



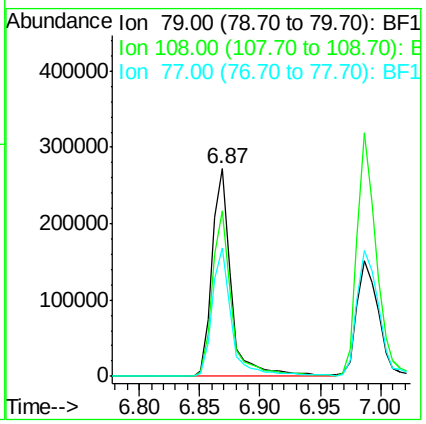


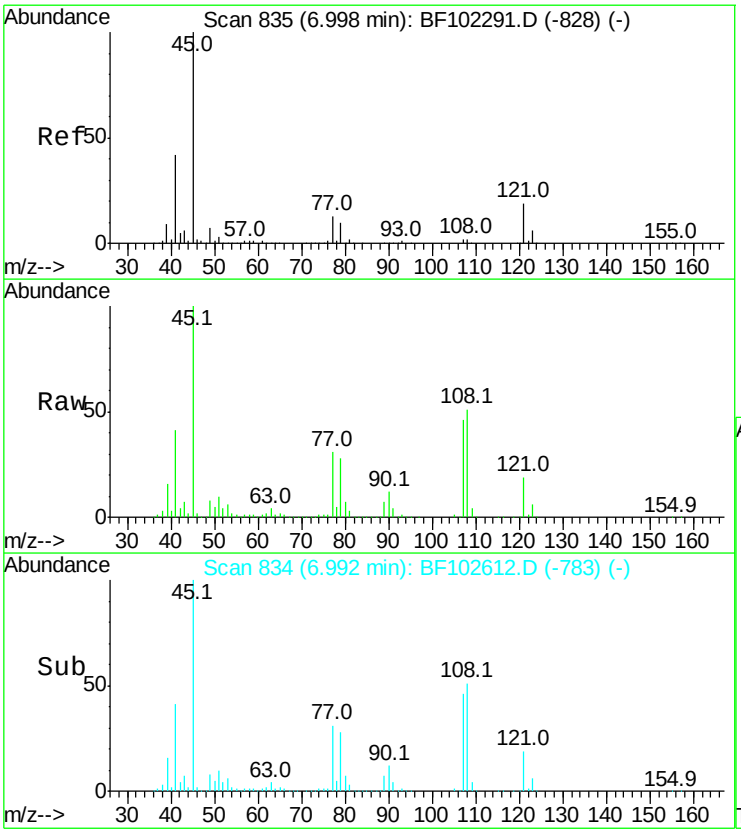

#15
Benzyl Alcohol
Concen: 34.938 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion: 79 Resp: 294071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 80.1 | 65.1 | 97.7 |
| 77 | 62.2 | 50.6 | 75.8 |

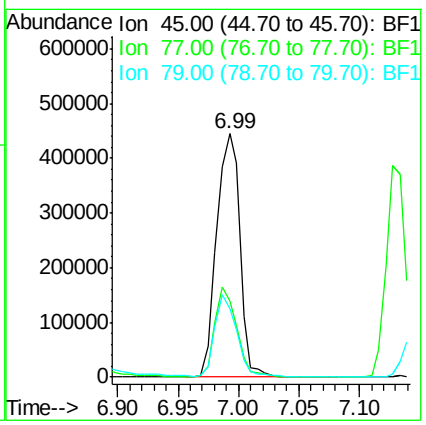


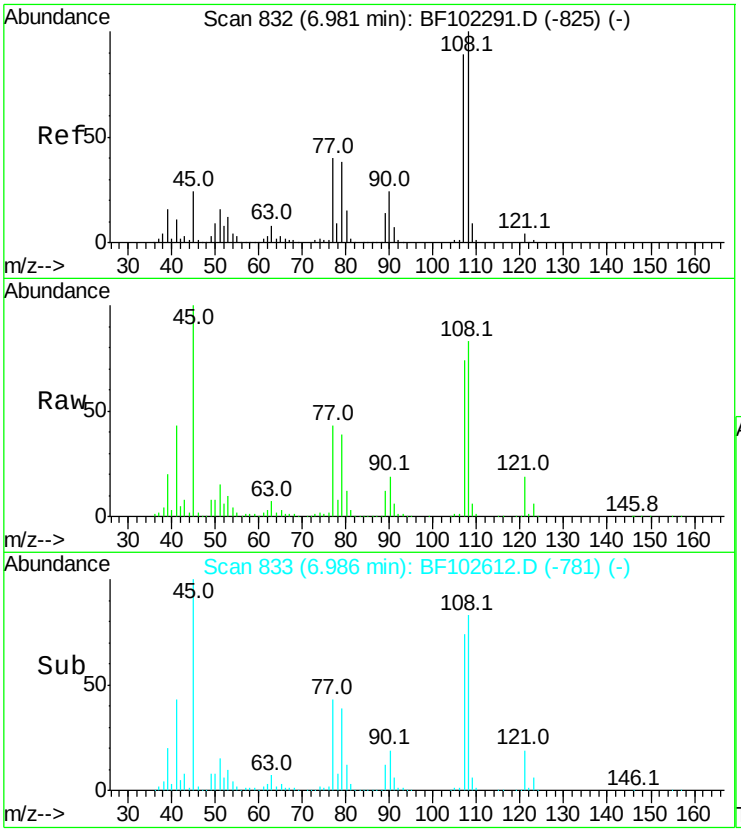




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.479 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 45 Resp: 589416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 31.1 | 0.0 | 32.9 |
| 79 | 27.8 | 0.0 | 29.6 |



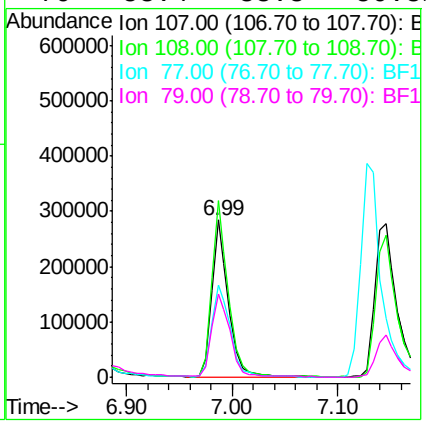


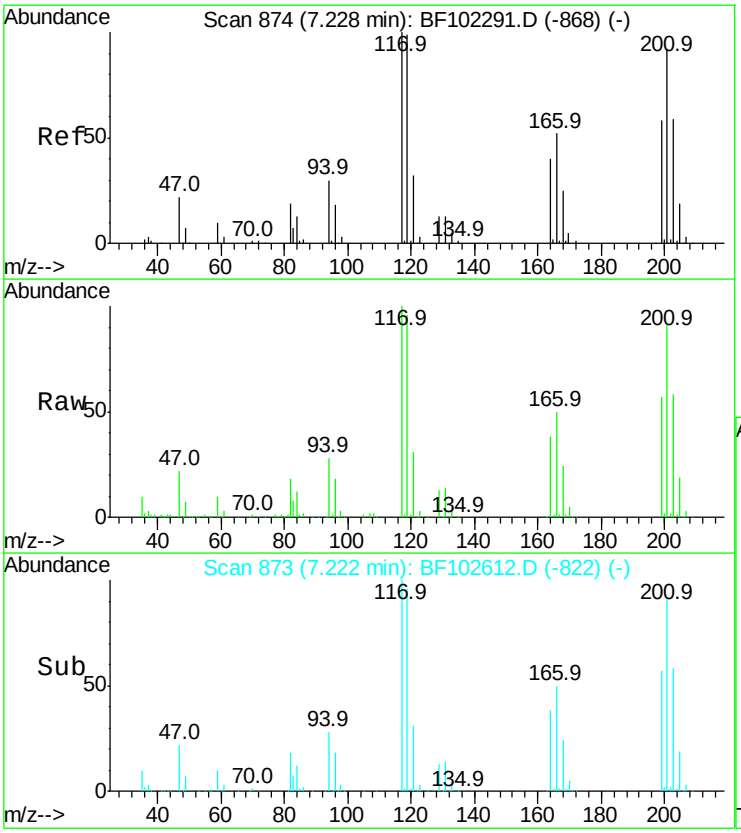

#17
2-Methylphenol
Concen: 34.602 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:107 Resp: 311707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.3 | 91.7 | 137.5 |
| 77 | 58.3 | 33.8 | 50.8# |
| 79 | 53.4 | 33.8 | 50.8# |

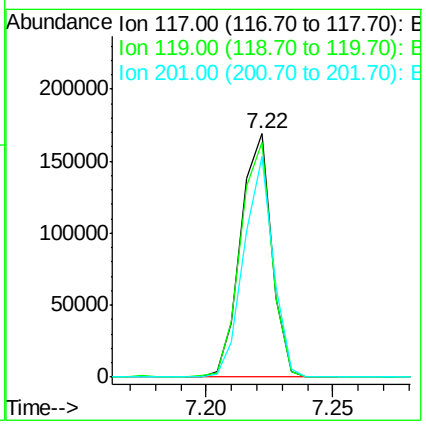


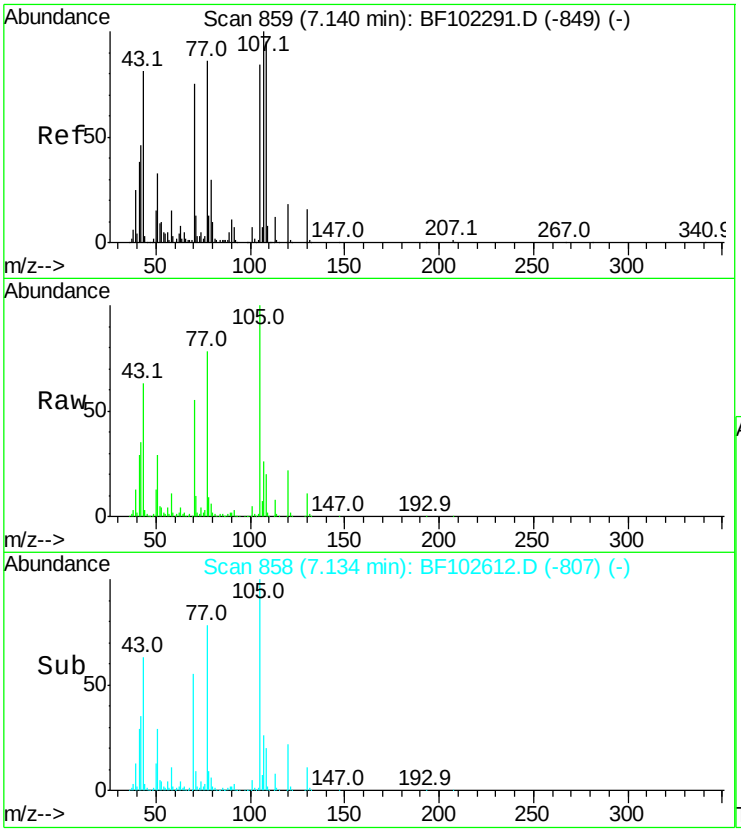




#18
Hexachloroethane
Concen: 33.412 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:117 Resp: 143875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 75.8 | 113.8 |
| 201 | 90.6 | 75.7 | 113.5 |



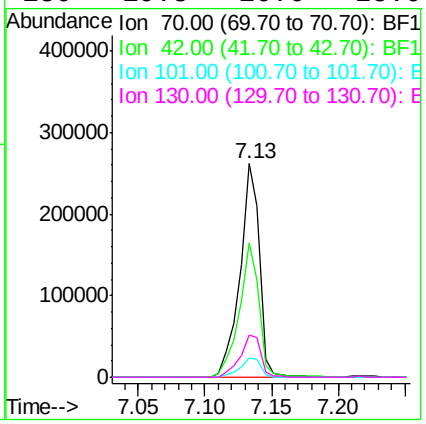


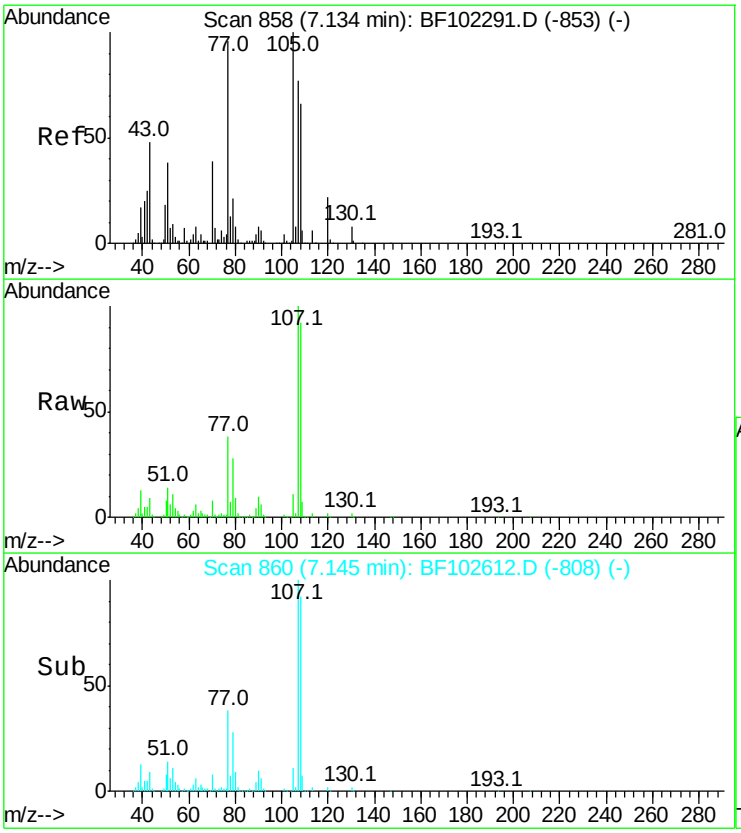

#19
n-Nitroso-di-n-propylamine
Concen: 36.278 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion: 70 Resp: 264843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 62.8 | 47.5 | 71.3 |
| 101 | 9.2 | 7.4 | 11.2 |
| 130 | 19.8 | 16.6 | 25.0 |

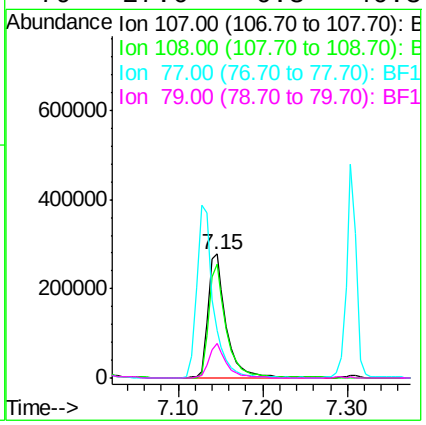


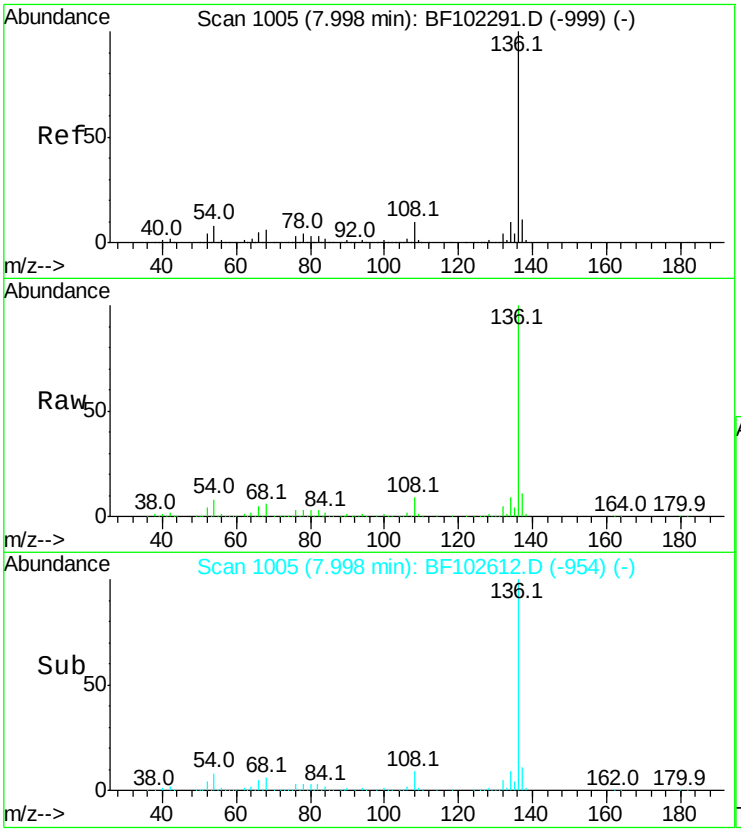




#20
3+4-Methylphenols
Concen: 39.255 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:107 Resp: 415900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 92.4 | 68.2 | 108.2 |
| 77 | 37.9 | 26.7 | 66.7 |
| 79 | 27.6 | 6.3 | 46.3 |



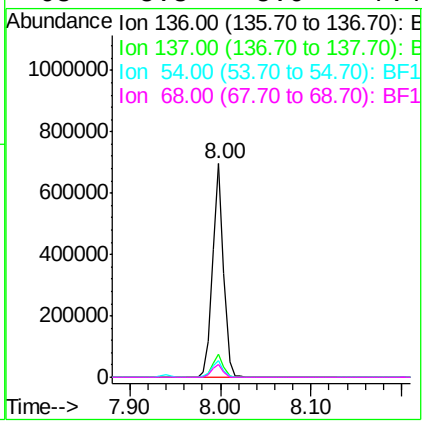


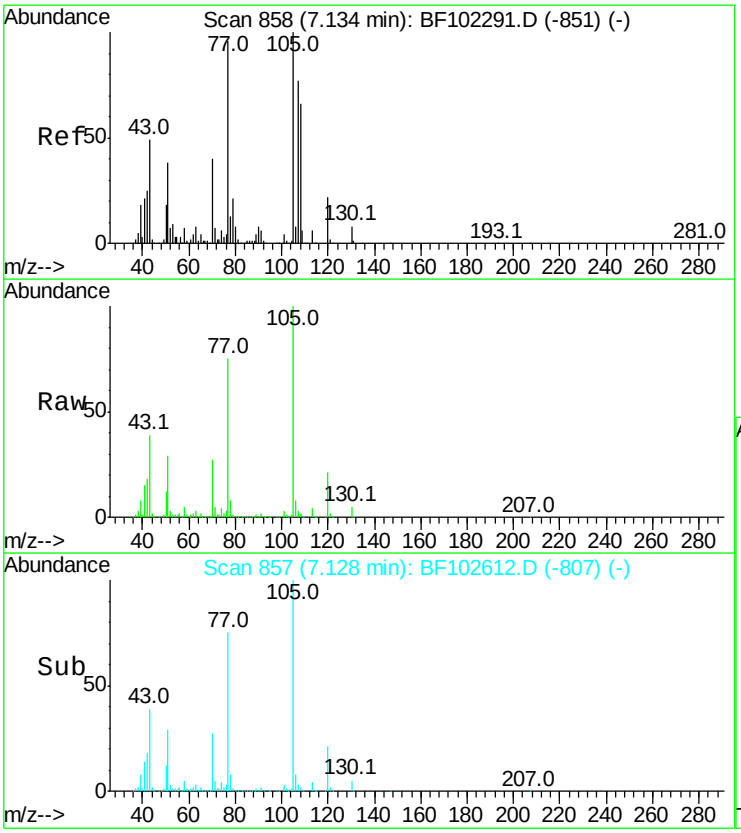

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:136 Resp: 584172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.9 | 13.3 |
| 54 | 8.1 | 6.6 | 9.8 |
| 68 | 5.8 | 5.0 | 7.4 |

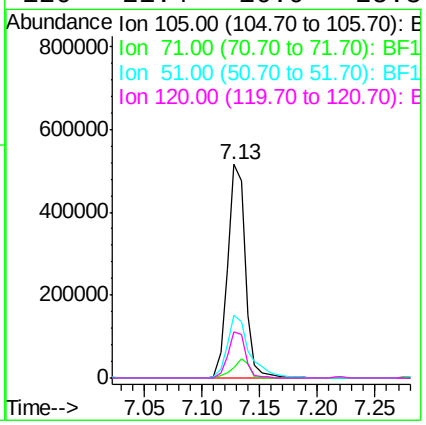


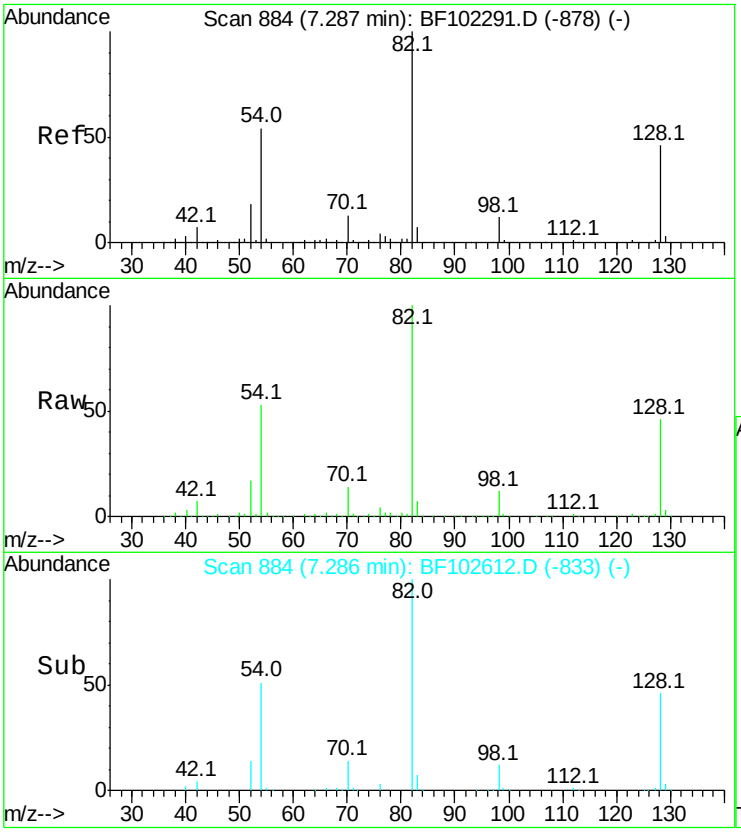




#22
Acetophenone
Concen: 39.256 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:105 Resp: 546660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.8 | 4.4 | 6.6 |
| 51 | 29.2 | 22.3 | 33.5 |
| 120 | 21.4 | 16.9 | 25.3 |

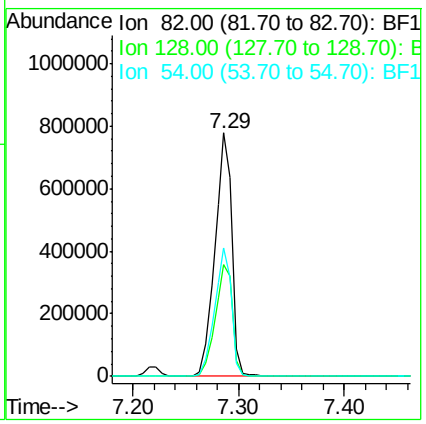




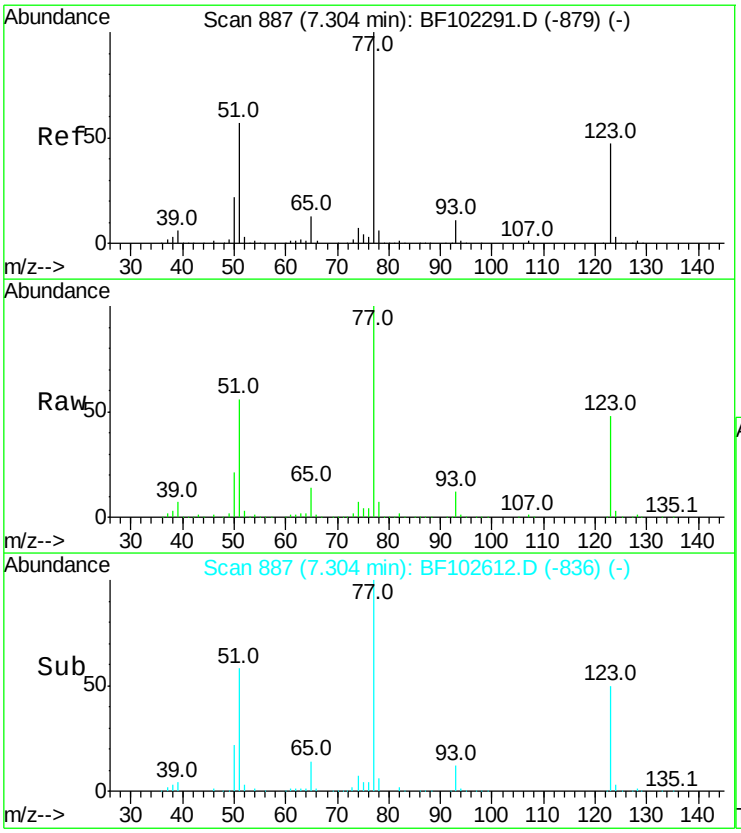

#23
Nitrobenzene-d5
Concen: 86.887 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 82 Resp: 883243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.7 | 36.1 | 54.1 |
| 54 | 52.9 | 41.4 | 62.2 |



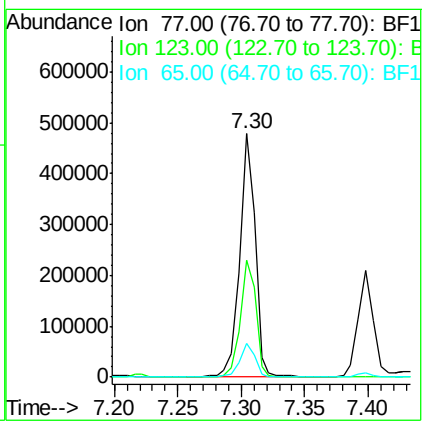

**Instrument :**
BNA_F
**ClientSampleId :**

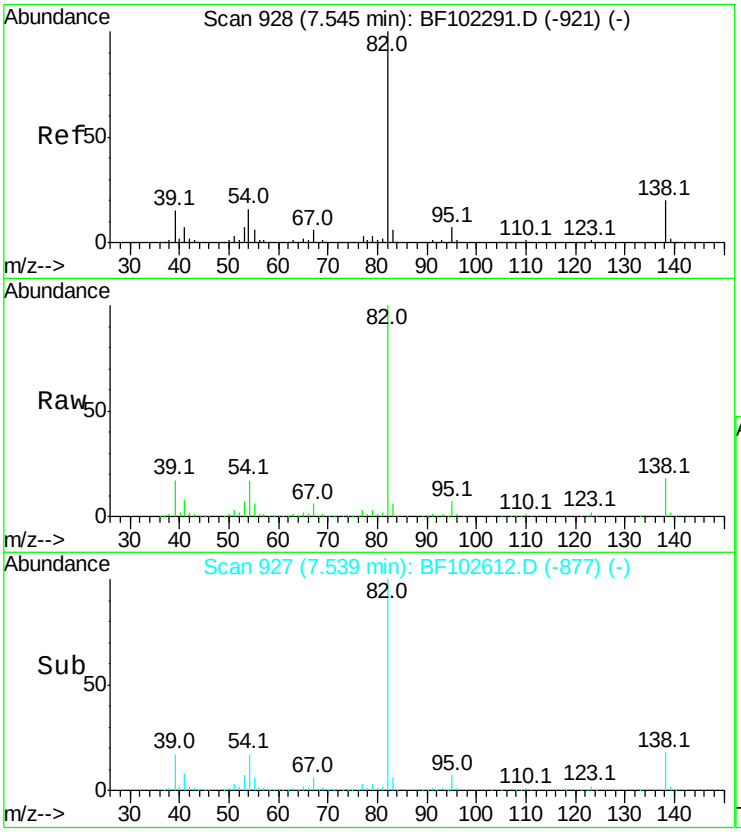



#24
Nitrobenzene
Concen: 37.959 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 77 Resp: 394883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.0 | 37.9 | 56.9 |
| 65 | 13.7 | 11.0 | 16.4 |



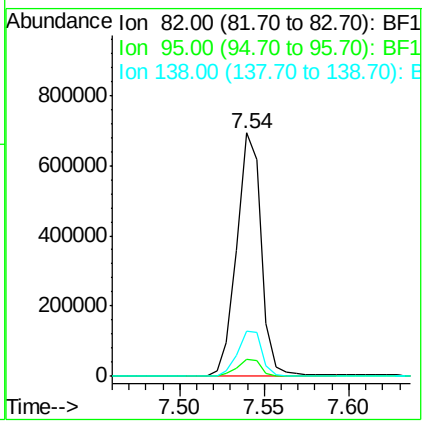


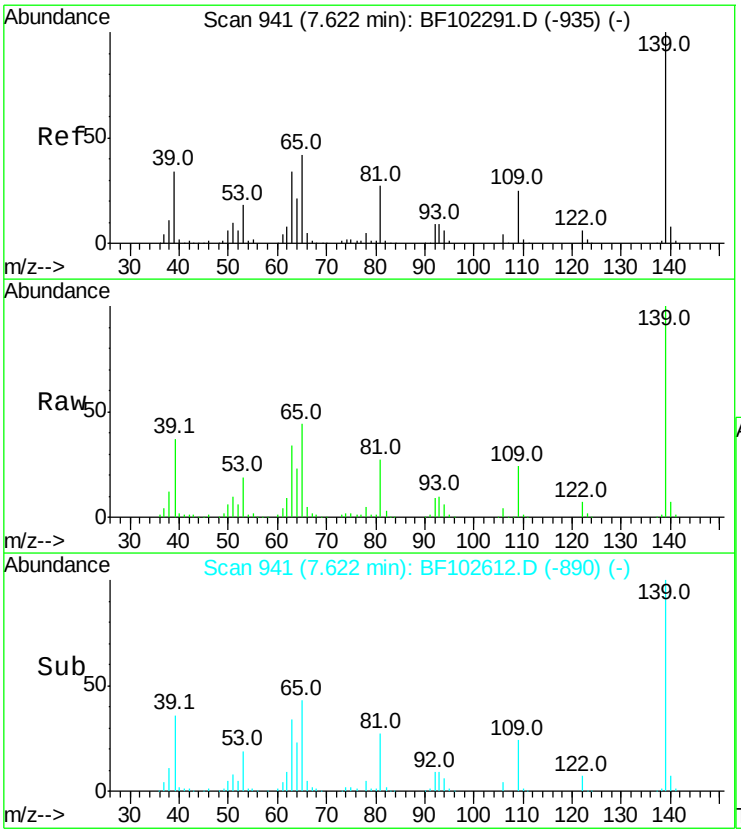

#25
Isophorone
Concen: 38.662 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion: 82 Resp: 700652

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

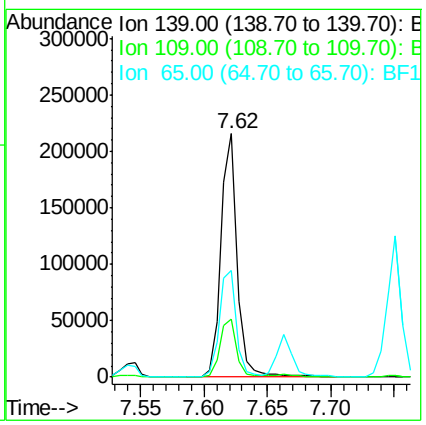


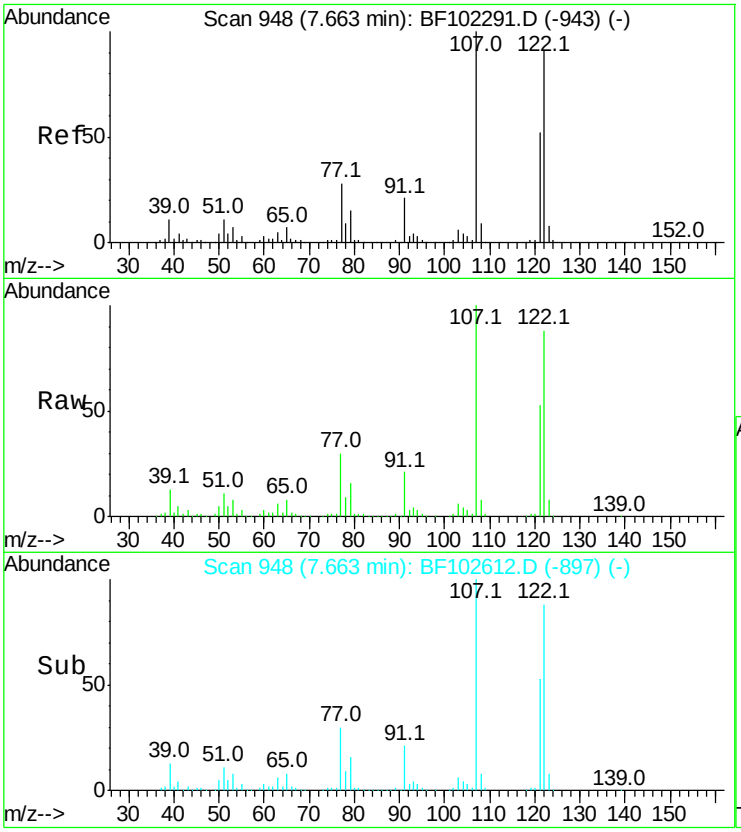




#26
2-Nitrophenol
Concen: 35.398 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:139 Resp: 193813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 23.7 | 22.7 | 34.1 |
| 65 | 43.6 | 40.5 | 60.7 |



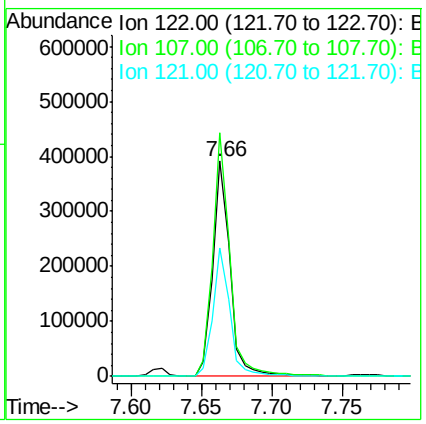


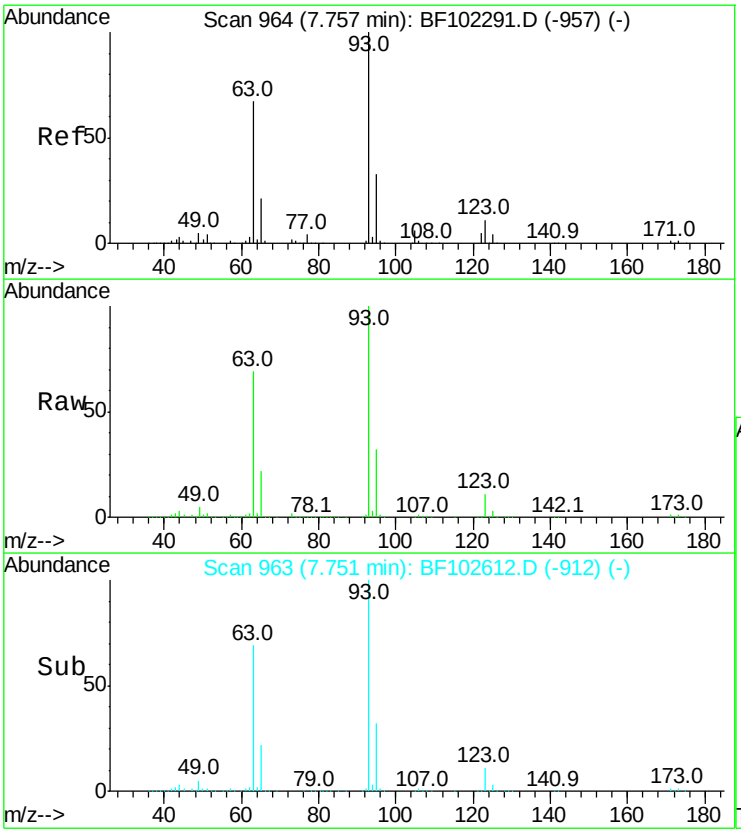

#27
2,4-Dimethylphenol
Concen: 41.848 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:122 Resp: 332701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.3 | 91.2 | 136.8 |
| 121 | 60.0 | 47.2 | 70.8 |

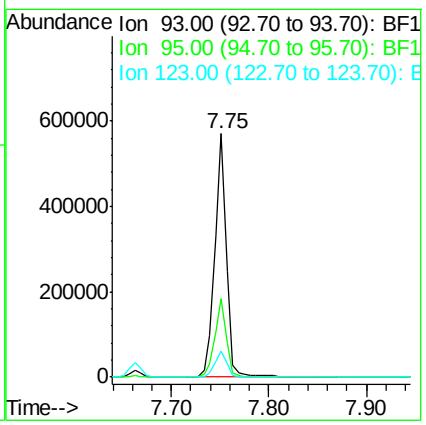


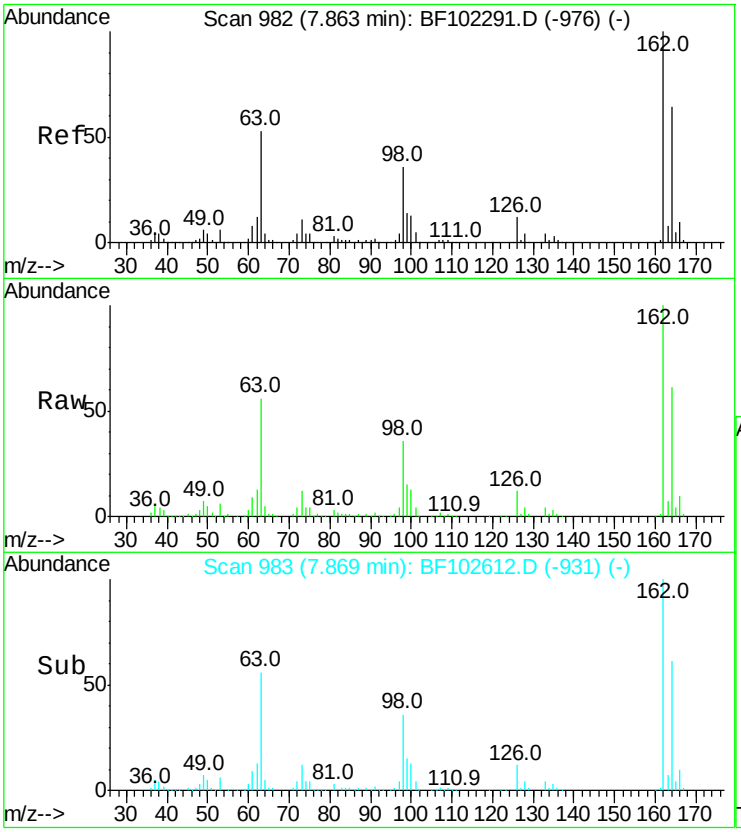




#28
bis(2-Chloroethoxy)methane
Concen: 42.056 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 93 Resp: 470808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 26.3 | 39.5 |
| 123 | 10.9 | 9.8 | 14.6 |



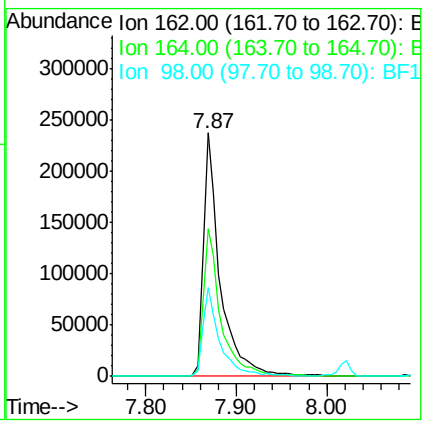


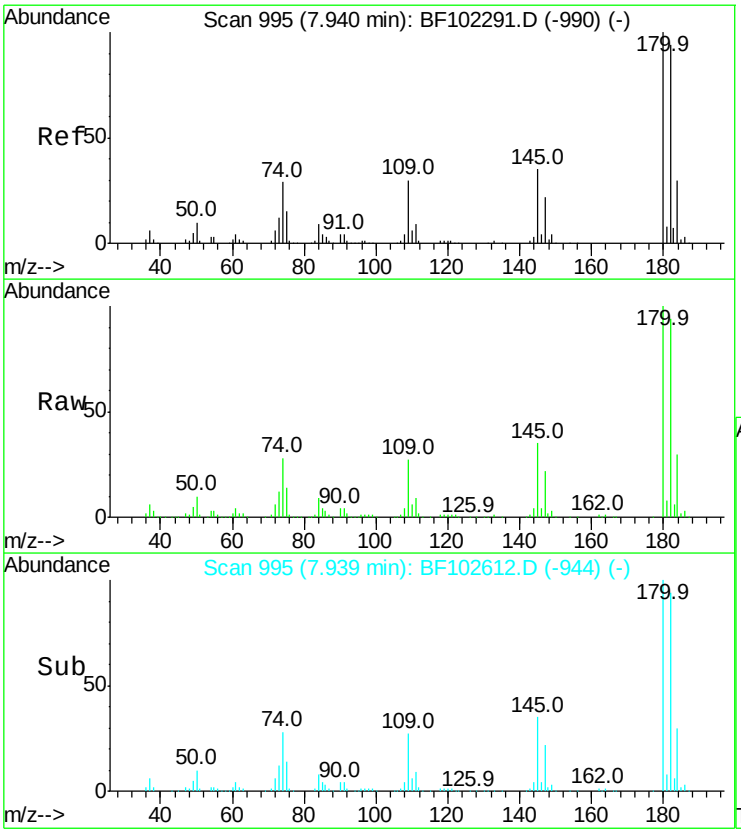

#29
2,4-Dichlorophenol
Concen: 38.257 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:162 Resp: 309814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 60.9 | 42.7 | 82.7 |
| 98 | 36.3 | 18.1 | 58.1 |

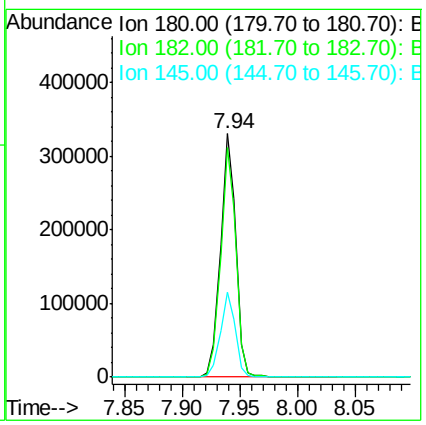


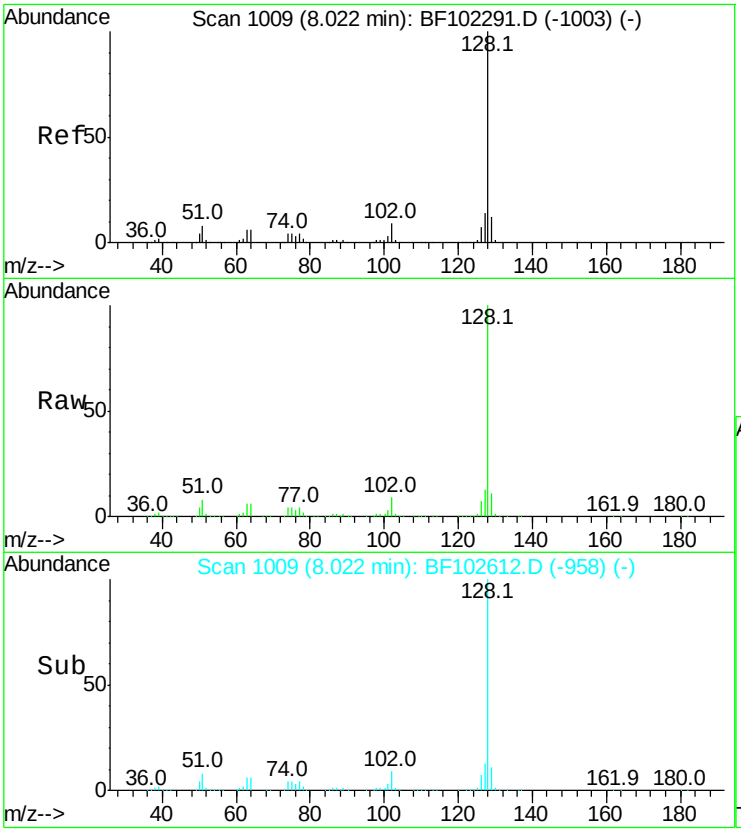




#30
1,2,4-Trichlorobenzene
Concen: 35.155 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:180 Resp: 305181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.3 | 76.8 | 115.2 |
| 145 | 35.1 | 26.5 | 39.7 |



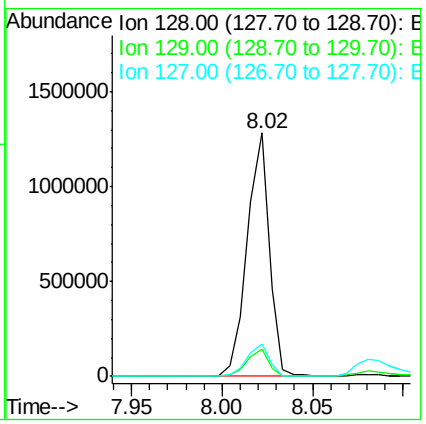


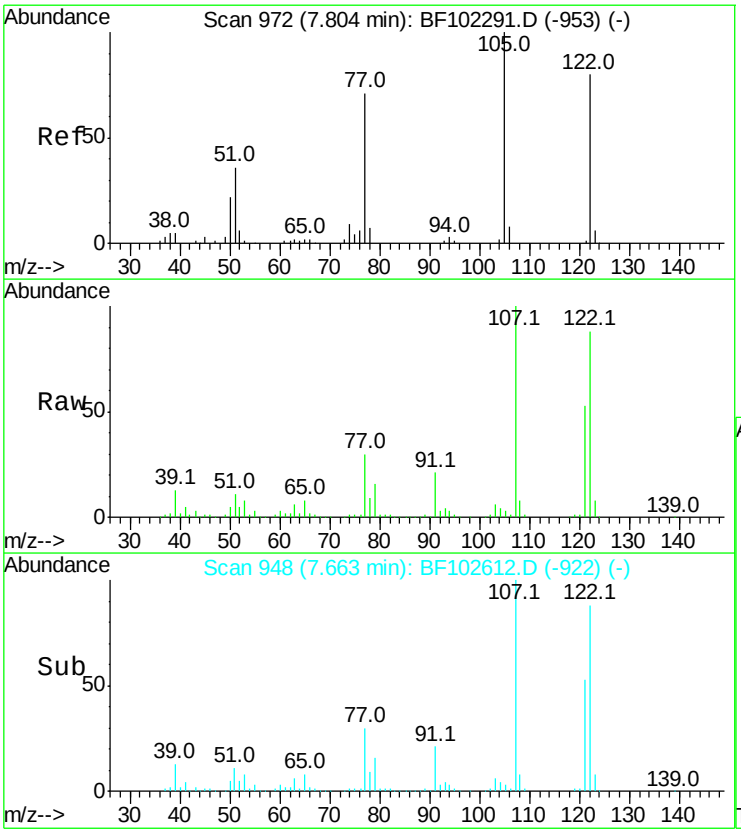

#31
Naphthalene
Concen: 37.590 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:128 Resp: 1096373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.8 | 13.2 |
| 127 | 13.3 | 10.9 | 16.3 |

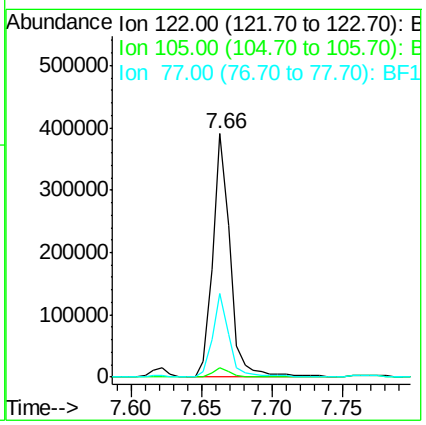


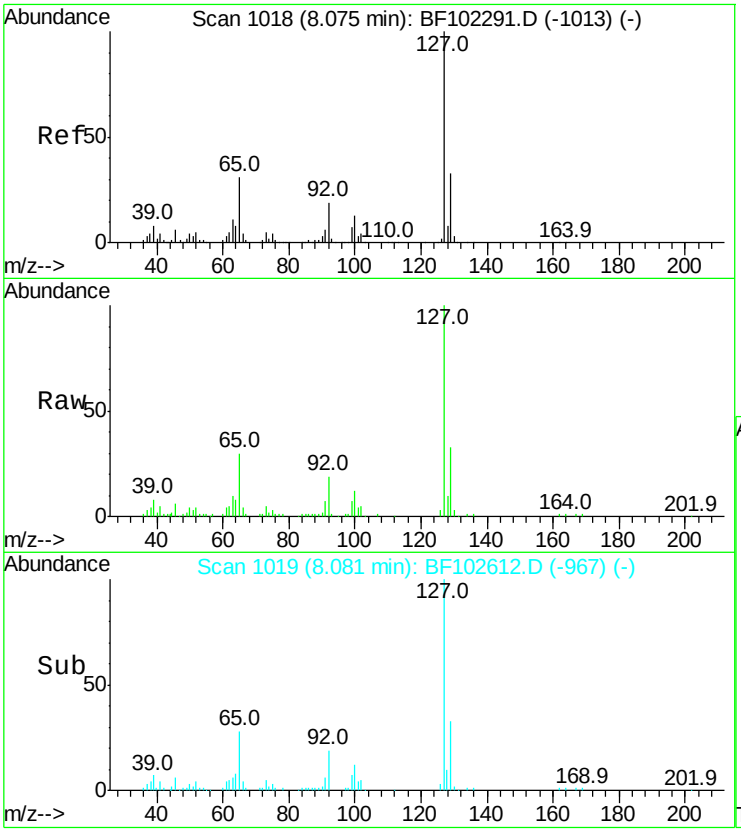




#32
Benzoic acid
Concen: 49.948 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.15 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:122 Resp: 332701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 3.8 | 101.1 | 141.1# |
| 77 | 34.2 | 70.7 | 110.7# |



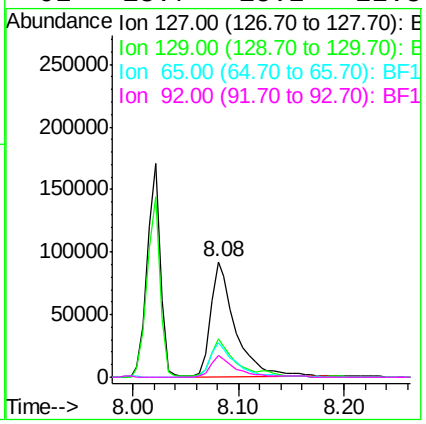


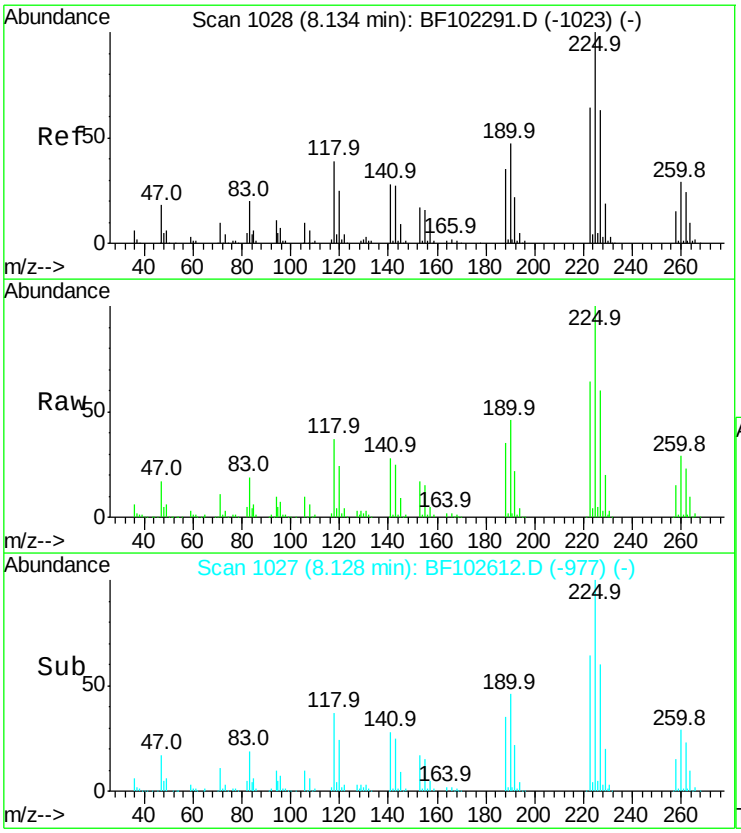

#33
4-Chloroaniline
Concen: 12.237 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:127 Resp: 150093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.5 | 25.9 | 38.9 |
| 65 | 30.1 | 25.0 | 37.4 |
| 92 | 18.7 | 15.2 | 22.8 |

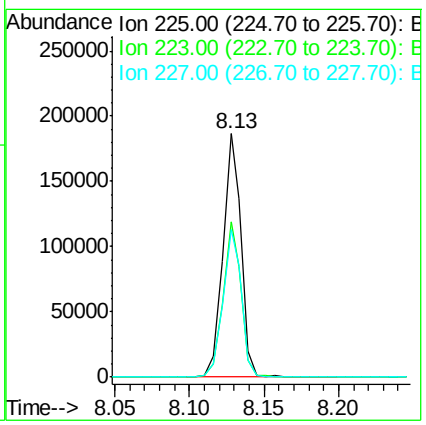


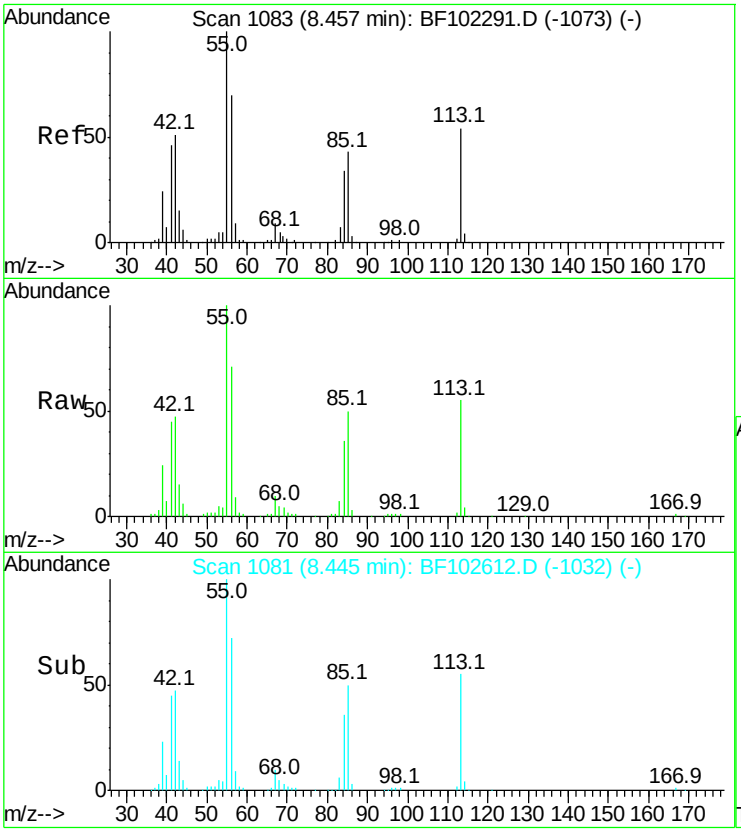




#34
Hexachlorobutadiene
Concen: 34.584 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:225 Resp: 160350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.0 | 50.6 | 76.0 |
| 227 | 60.4 | 51.9 | 77.9 |



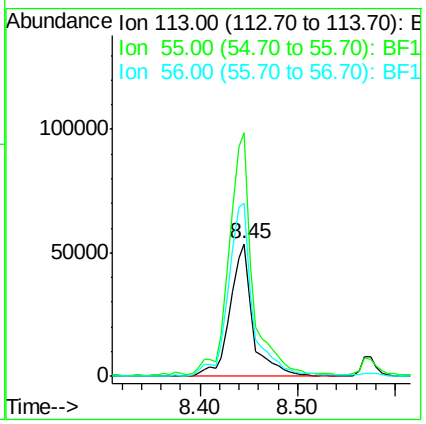


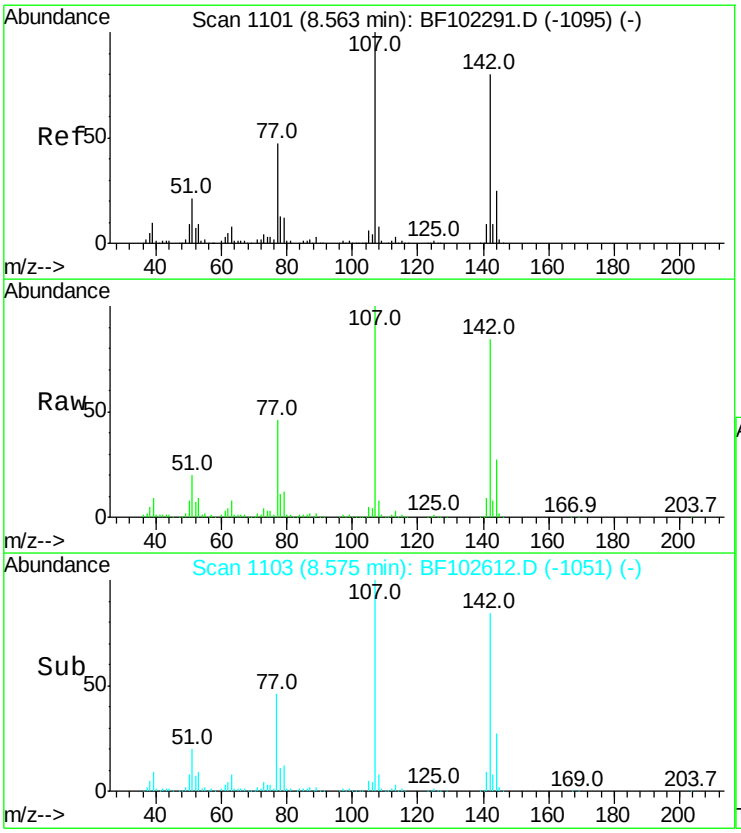

#35
Caprolactam
Concen: 32.452 ng
RT: 8.45 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:113 Resp: 86794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 183.3 | 163.3 | 203.3 |
| 56 | 130.6 | 115.7 | 155.7 |

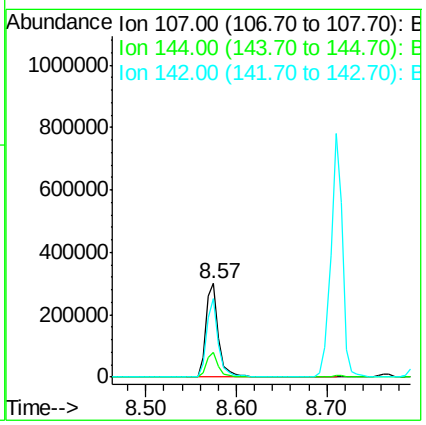


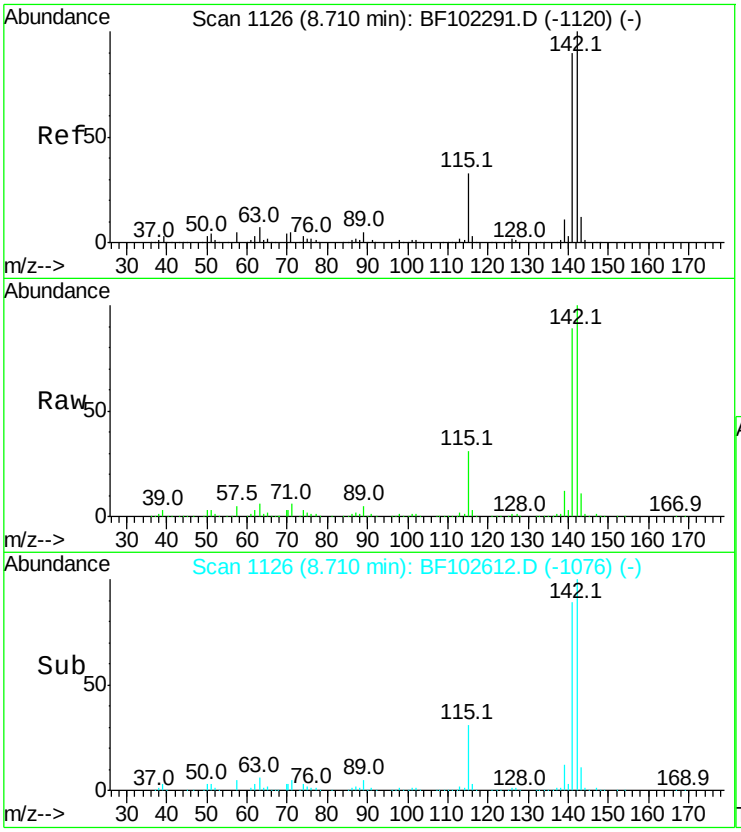




#36
4-Chloro-3-methylphenol
Concen: 34.762 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:107 Resp: 296737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.9 | 20.5 | 30.7 |
| 142 | 84.2 | 62.0 | 93.0 |



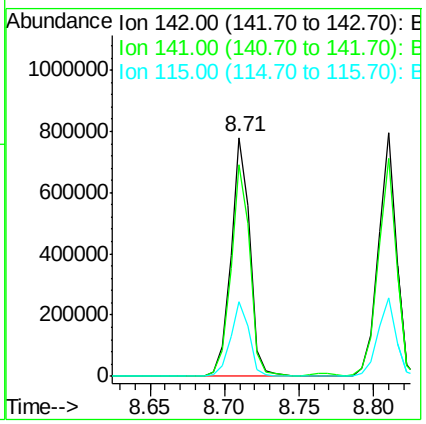


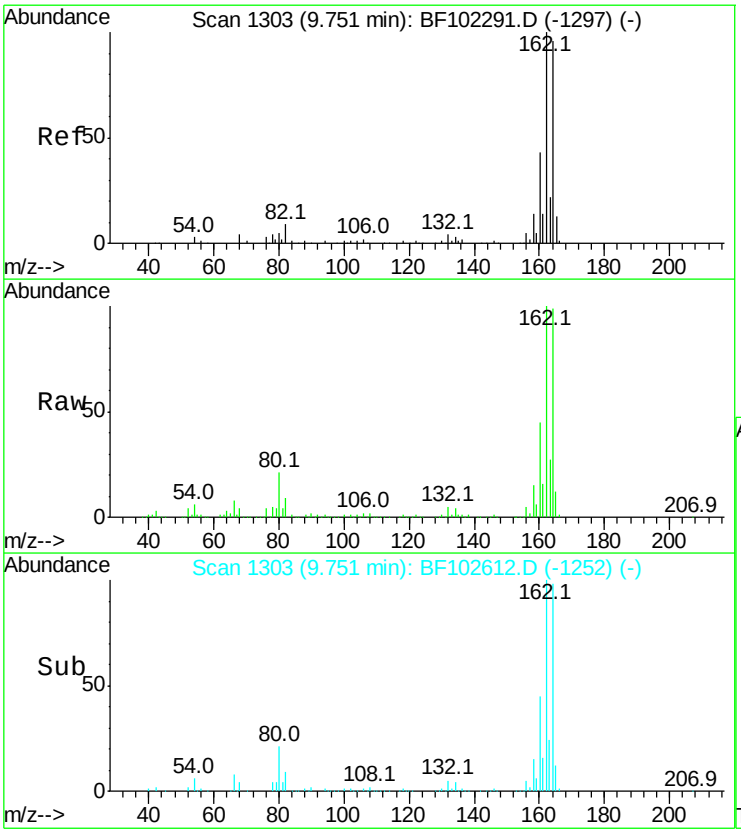

#37
2-Methylnaphthalene
Concen: 35.794 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:142 Resp: 695277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 70.8 | 106.2 |
| 115 | 31.2 | 26.1 | 39.1 |

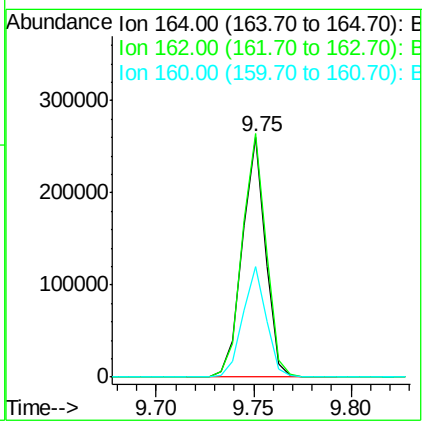


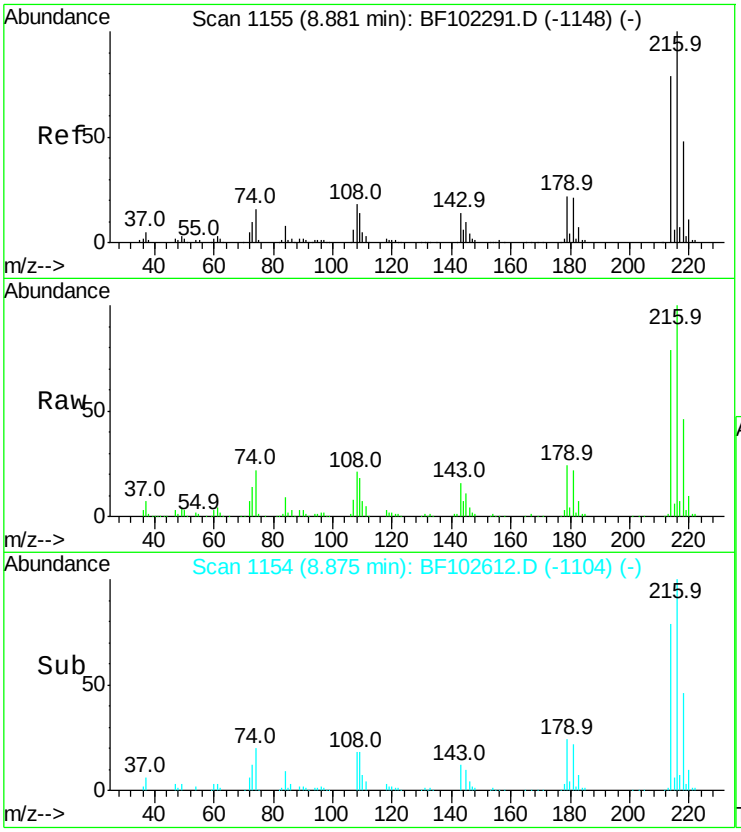




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:164 Resp: 214720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 86.1 | 129.1 |
| 160 | 45.9 | 38.3 | 57.5 |



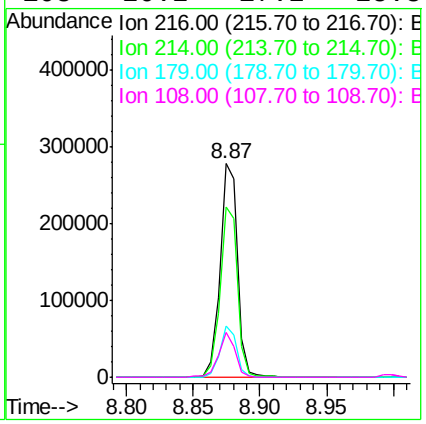


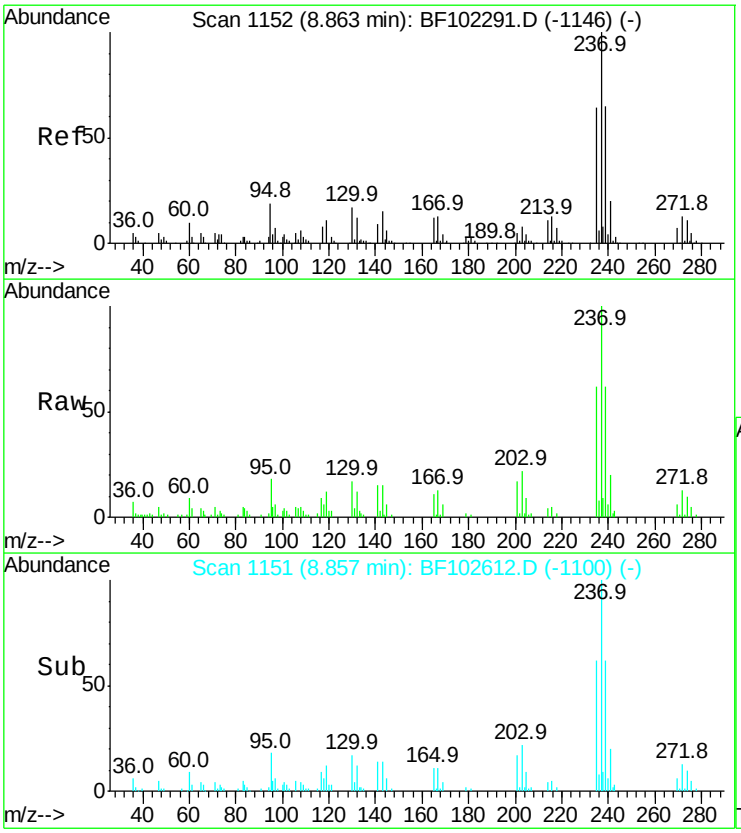

#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.868 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:216 Resp: 257551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.7 | 63.0 | 94.4 |
| 179 | 23.1 | 18.1 | 27.1 |
| 108 | 20.2 | 17.2 | 25.8 |

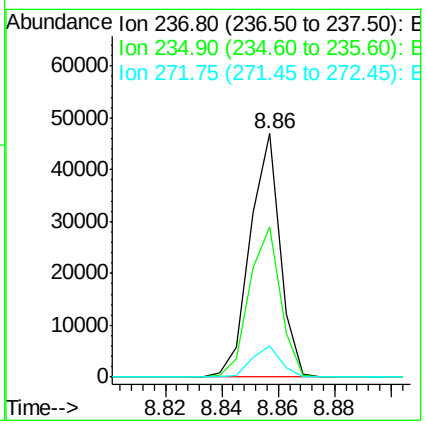


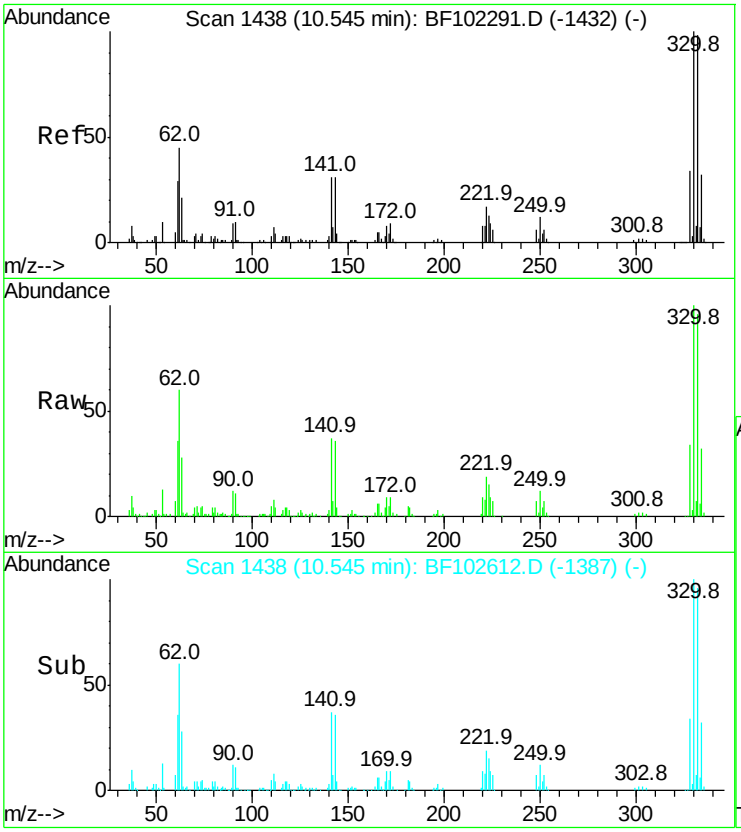




#40
Hexachlorocyclopentadiene
Concen: 11.961 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:237 Resp: 34580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.8 | 44.8 | 84.8 |
| 272 | 12.7 | 0.0 | 33.3 |



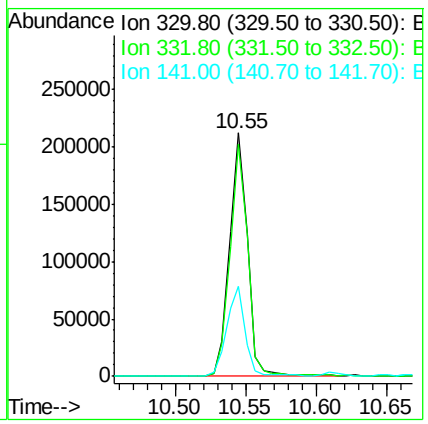


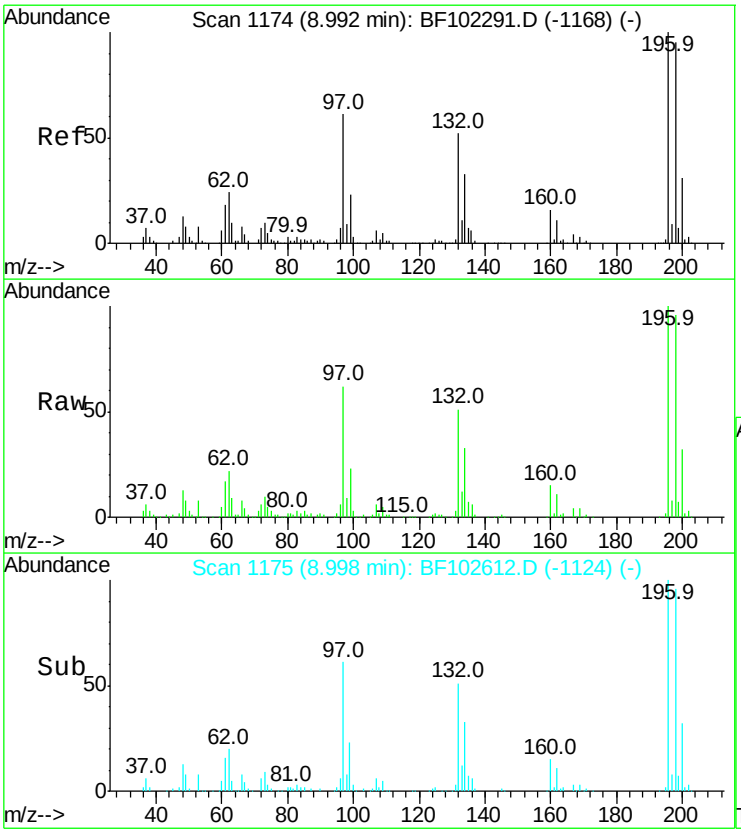

#41
2,4,6-Tribromophenol
Concen: 88.863 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:330 Resp: 189061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 77.0 | 115.6 |
| 141 | 38.5 | 29.9 | 44.9 |

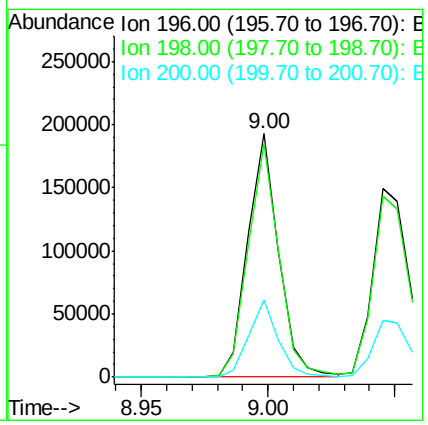


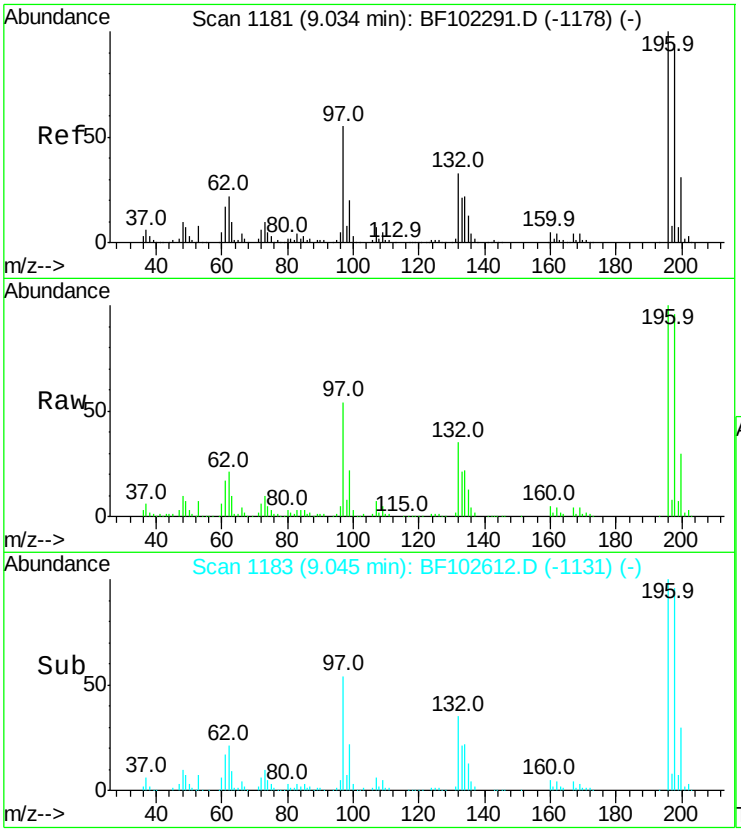




#42
2,4,6-Trichlorophenol
Concen: 38.054 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:196 Resp: 164565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.0 | 75.7 | 113.5 |
| 200 | 31.7 | 24.5 | 36.7 |



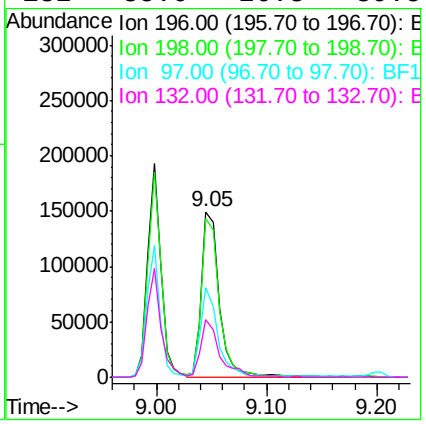


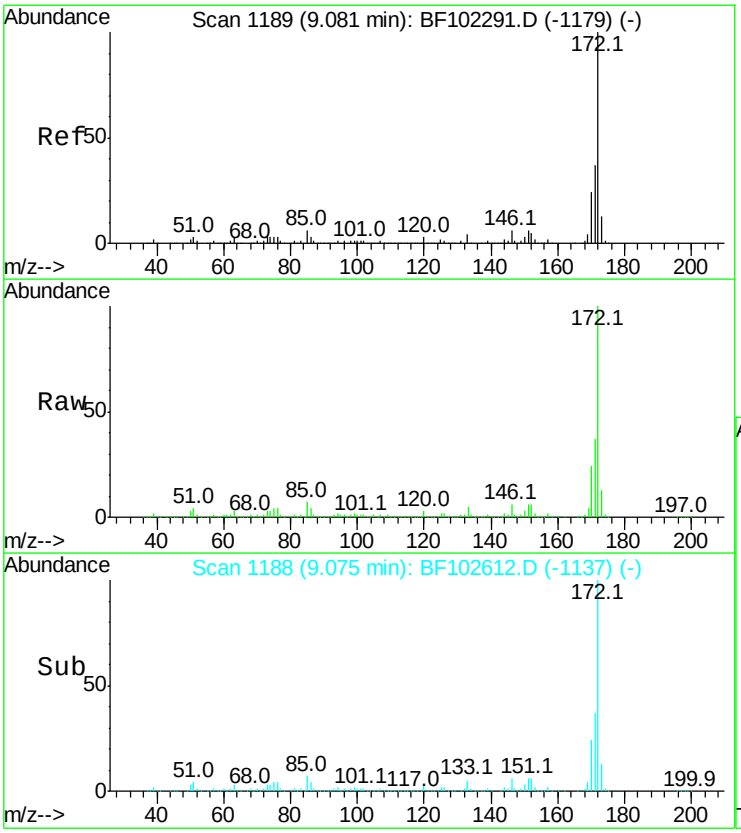

#43
2,4,5-Trichlorophenol
Concen: 33.571 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:196 Resp: 163460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.0 | 74.6 | 112.0 |
| 97 | 54.0 | 42.9 | 64.3 |
| 132 | 35.0 | 26.3 | 39.5 |

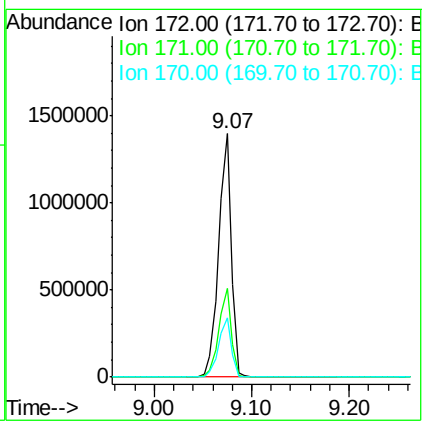


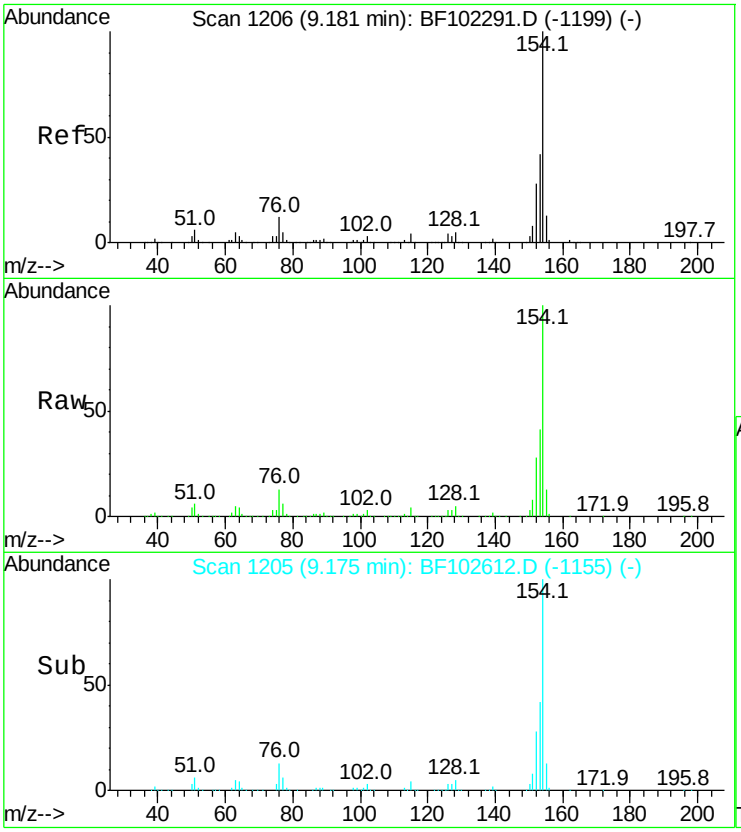




#44
2-Fluorobiphenyl
Concen: 86.498 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:172 Resp: 1263154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.7 | 44.5 |
| 170 | 24.5 | 19.6 | 29.4 |



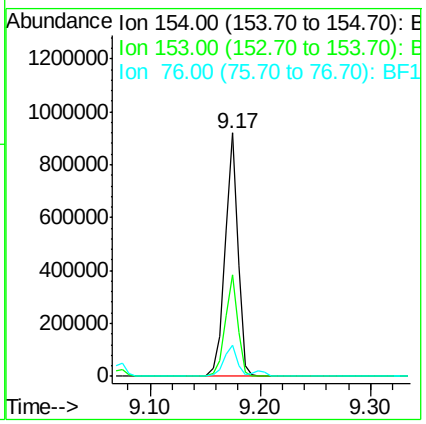


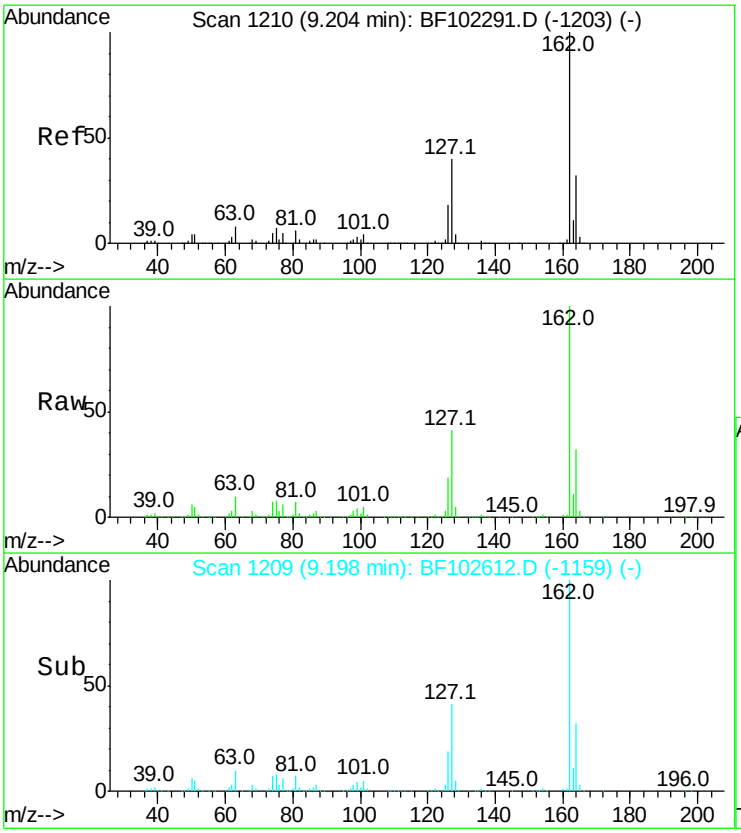

#45
1,1'-Biphenyl
Concen: 39.392 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:154 Resp: 756297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.4 | 21.3 | 61.3 |
| 76 | 13.0 | 0.0 | 34.0 |

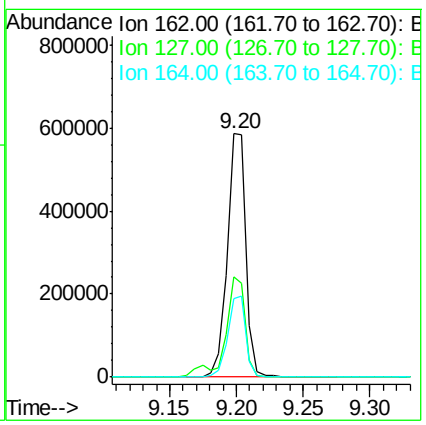


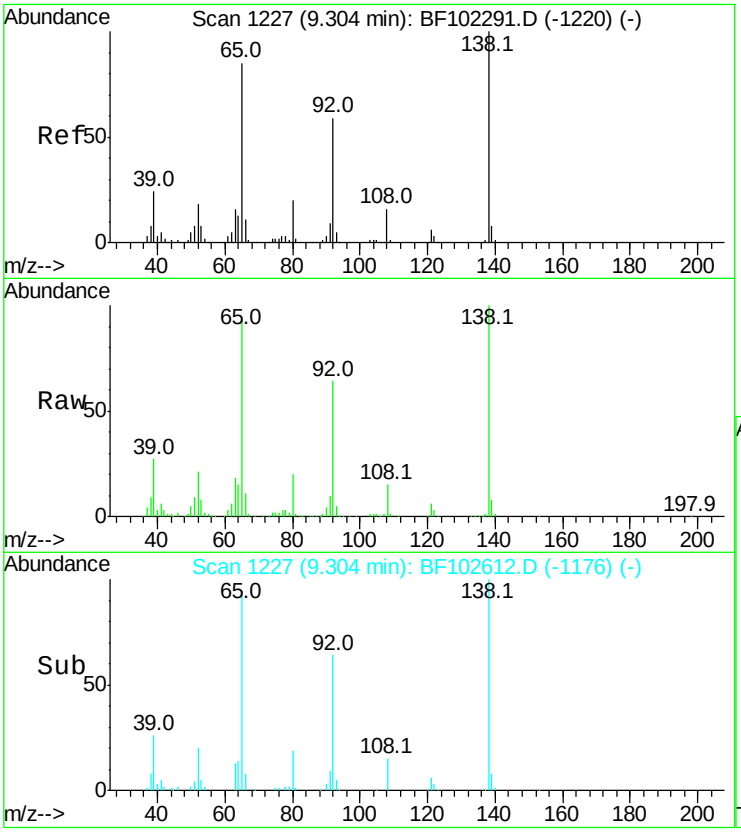




#46
2-Chloronaphthalene
Concen: 38.636 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:162 Resp: 576584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.2 | 33.9 | 50.9 |
| 164 | 32.4 | 26.5 | 39.7 |



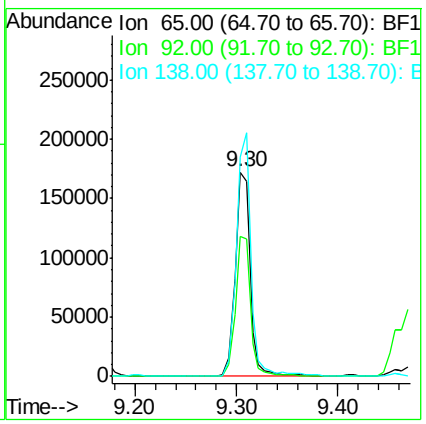


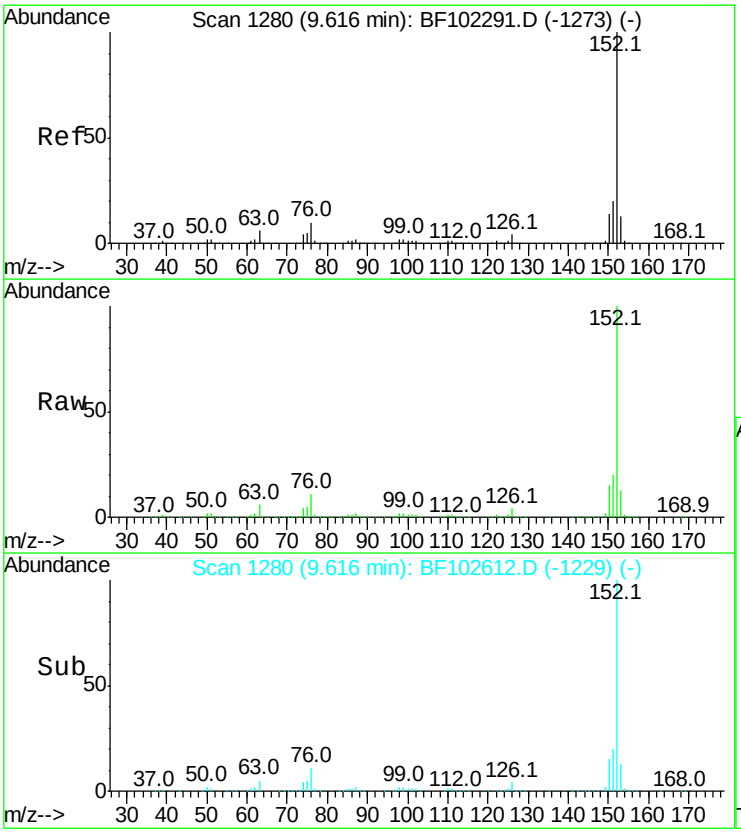

#47
2-Nitroaniline
Concen: 38.472 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion: 65 Resp: 178995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.4 | 55.8 | 83.6 |
| 138 | 107.3 | 91.2 | 136.8 |

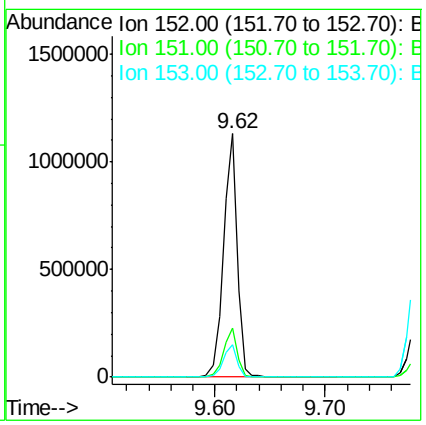


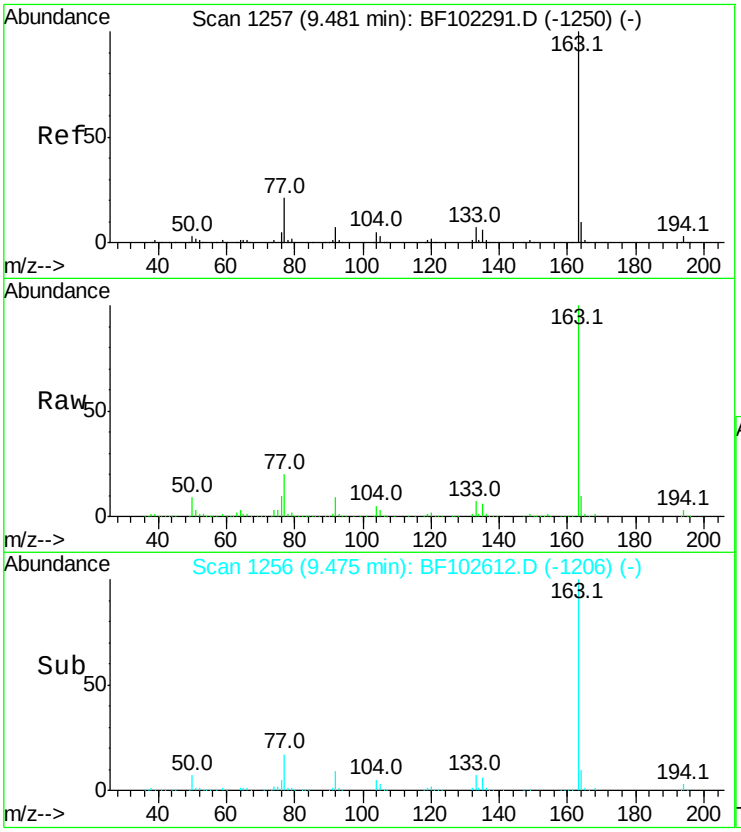




#48
Acenaphthylene
Concen: 42.132 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:152 Resp: 979565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 16.3 | 24.5 |
| 153 | 13.1 | 10.7 | 16.1 |



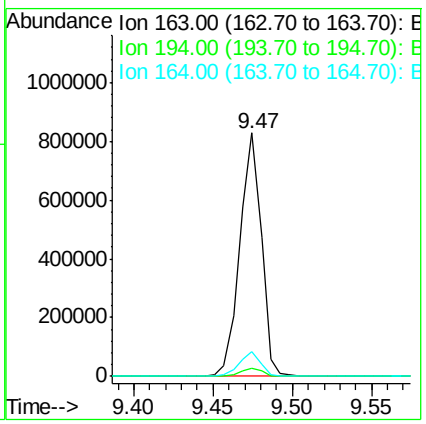


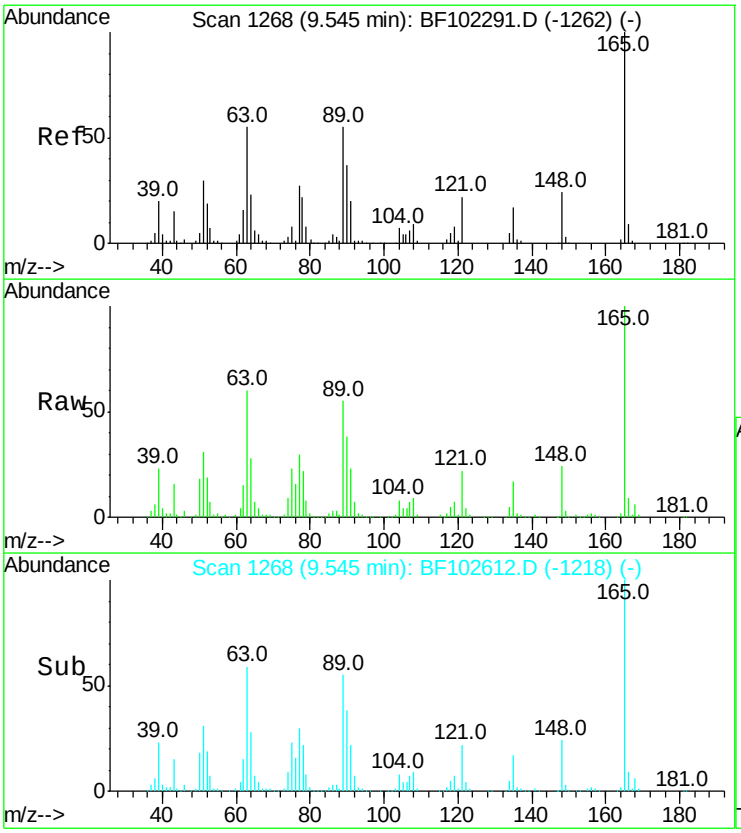

#49
Dimethylphthalate
Concen: 43.835 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:163 Resp: 777986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 2.7 | 4.1 |
| 164 | 10.0 | 8.2 | 12.2 |

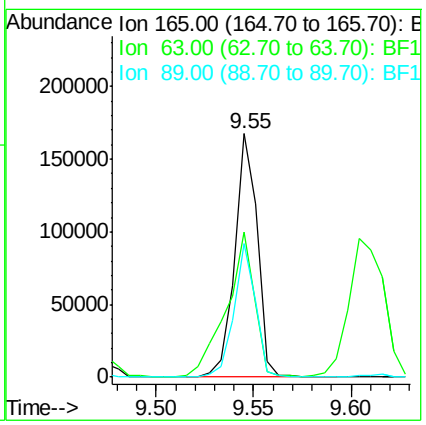


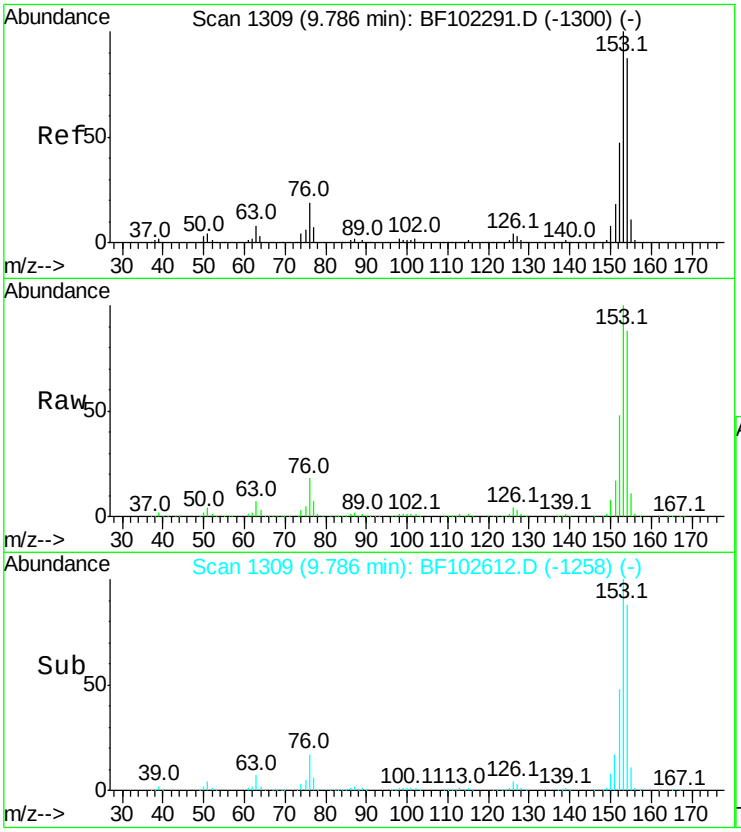




#50
2,6-Dinitrotoluene
Concen: 34.950 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:165 Resp: 133736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.6 | 44.7 | 67.1 |
| 89 | 54.7 | 44.0 | 66.0 |



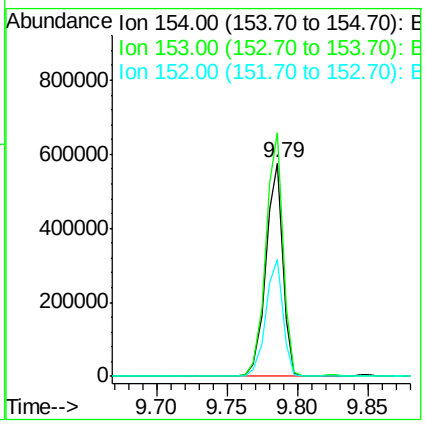


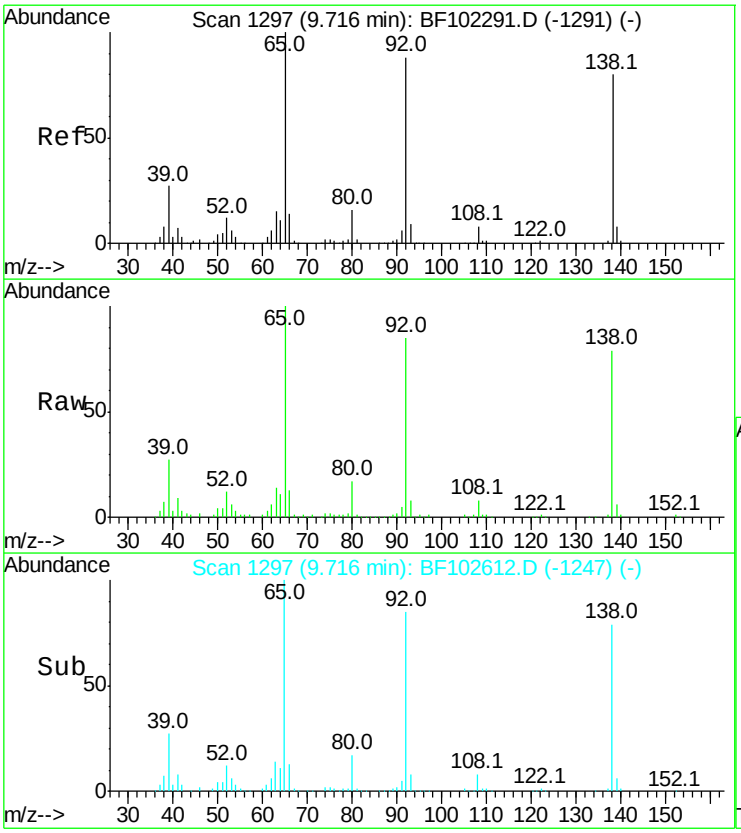

#51
Acenaphthene
Concen: 36.287 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:154 Resp: 492720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.1 | 91.2 | 136.8 |
| 152 | 54.5 | 43.8 | 65.8 |

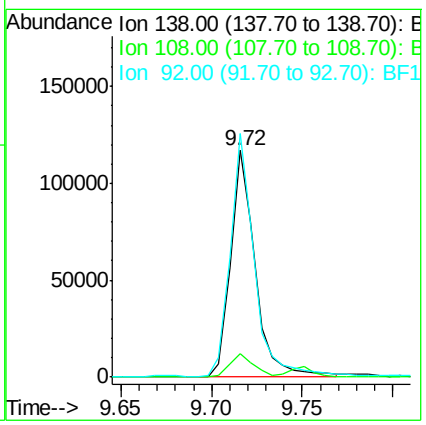


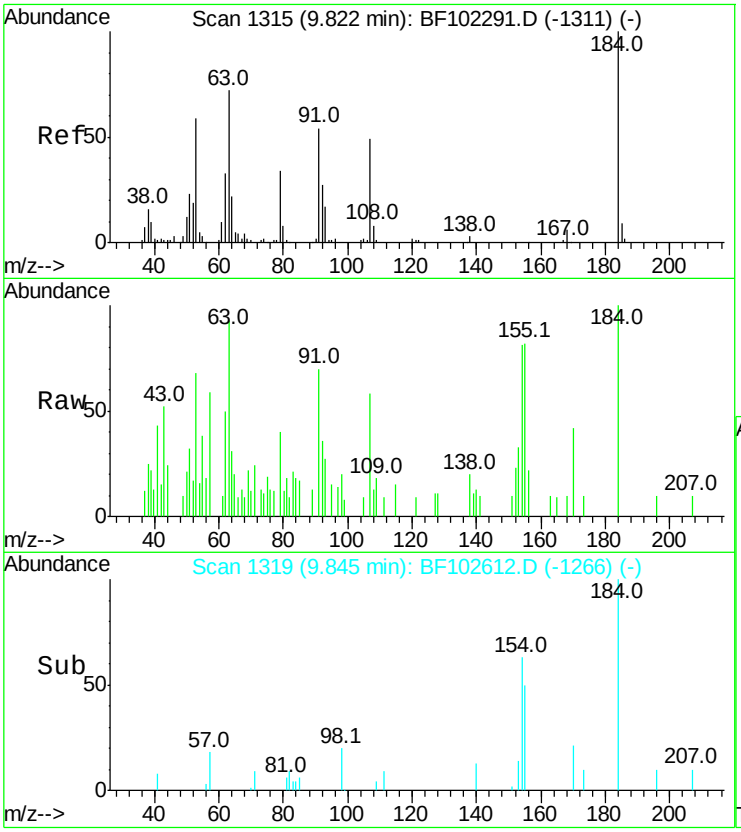




#52
3-Nitroaniline
Concen: 24.595 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:138 Resp: 111332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.6 | 9.4 | 14.0 |
| 92 | 107.4 | 89.4 | 134.2 |



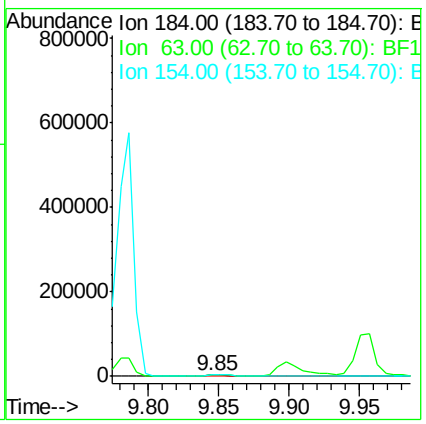


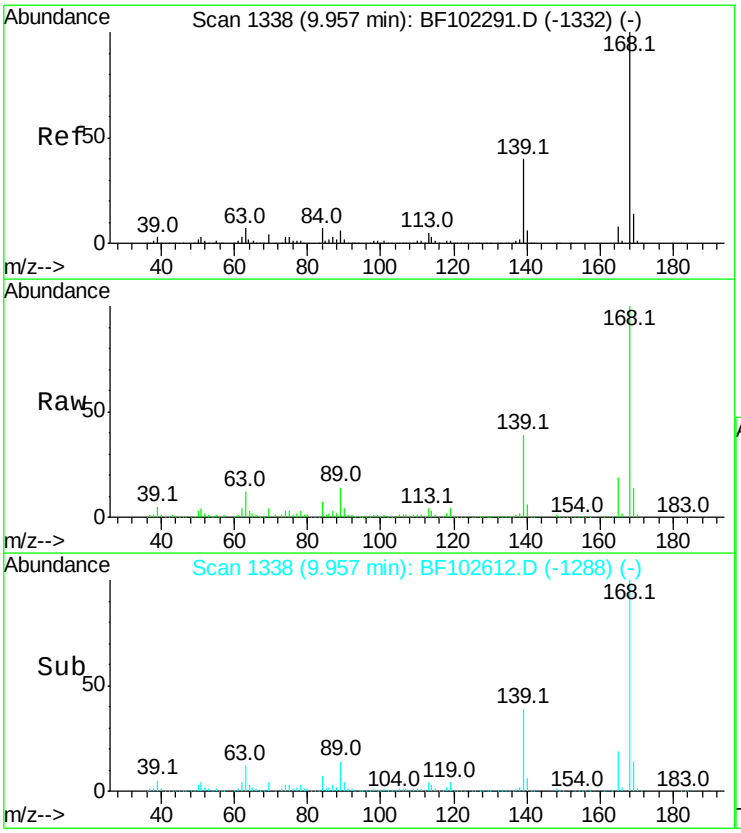

#53
2,4-Dinitrophenol
Concen: 8.442 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:184 Resp: 8544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 93.4 | 54.2 | 81.2# |
| 154 | 81.1 | 184.0 | 276.0# |

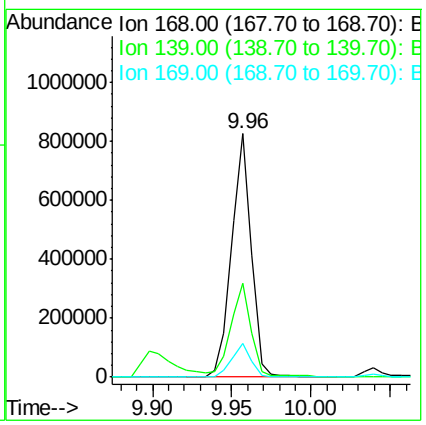


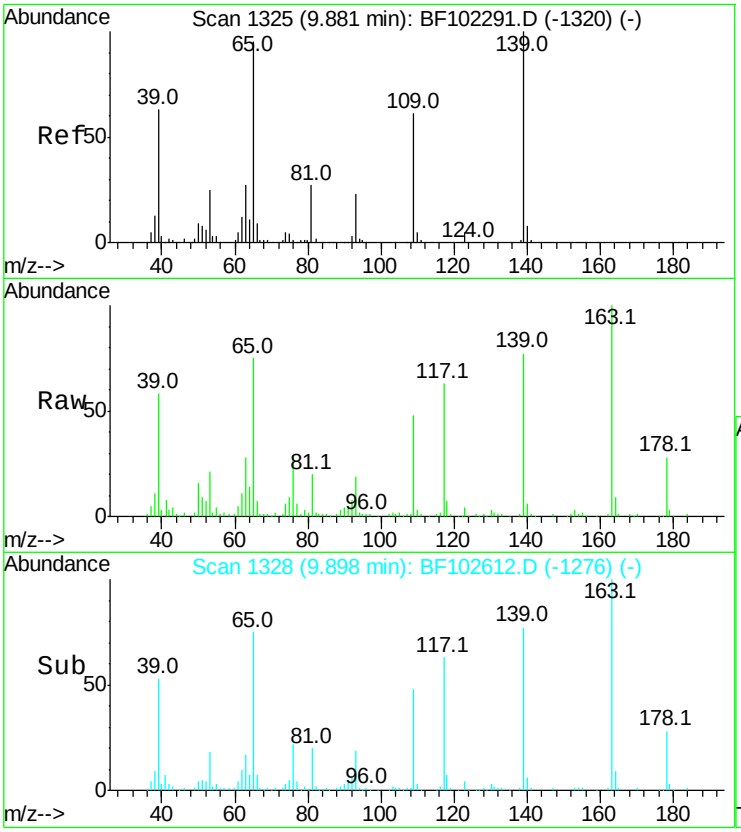




#54
Dibenzofuran
Concen: 38.658 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:168 Resp: 710421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.8 | 30.1 | 45.1 |
| 169 | 13.8 | 10.9 | 16.3 |



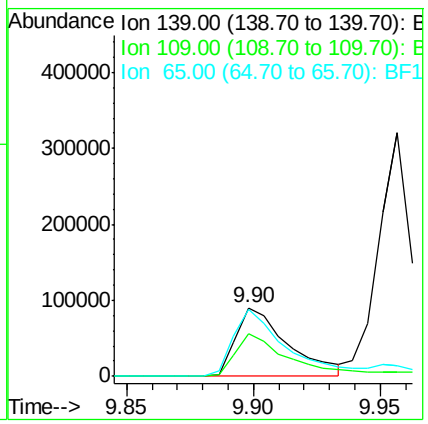


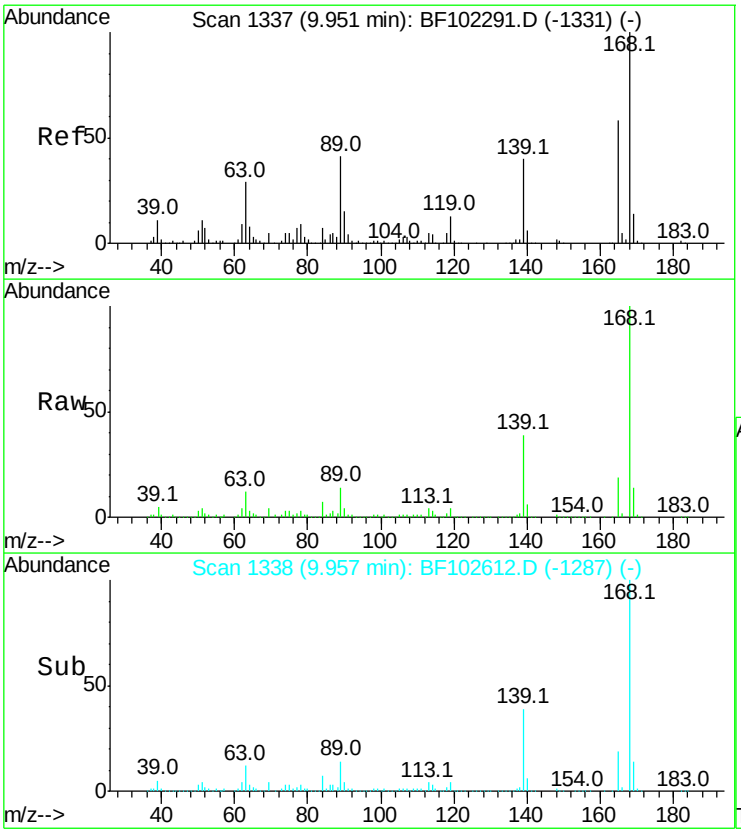

#55
4-Nitrophenol
Concen: 43.225 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:139 Resp: 129159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.0 | 48.4 | 88.4 |
| 65 | 98.2 | 72.6 | 112.6 |

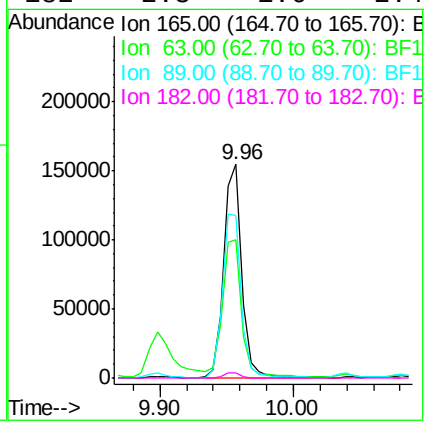


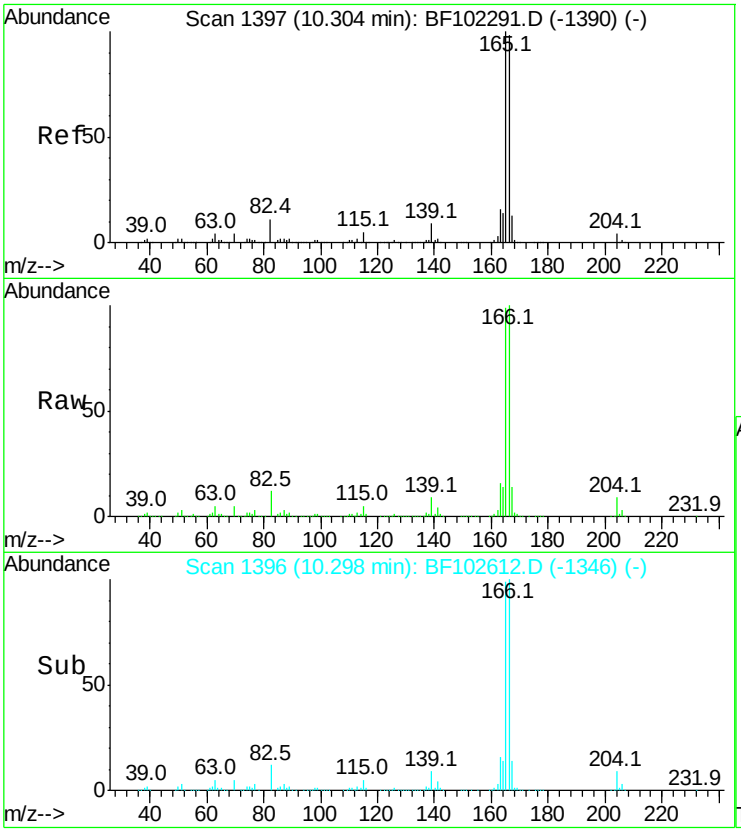




#56
2,4-Dinitrotoluene
Concen: 31.632 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:165 Resp: 148845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.9 | 36.4 | 54.6# |
| 89 | 76.1 | 57.8 | 86.6 |
| 182 | 2.3 | 1.6 | 2.4 |



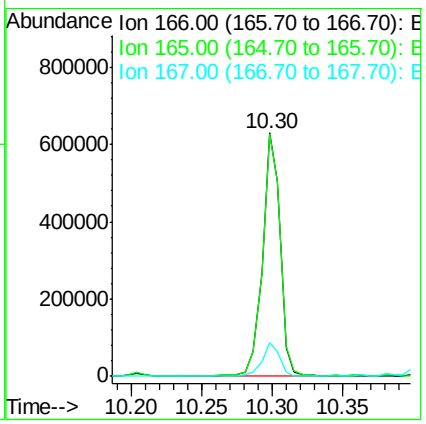


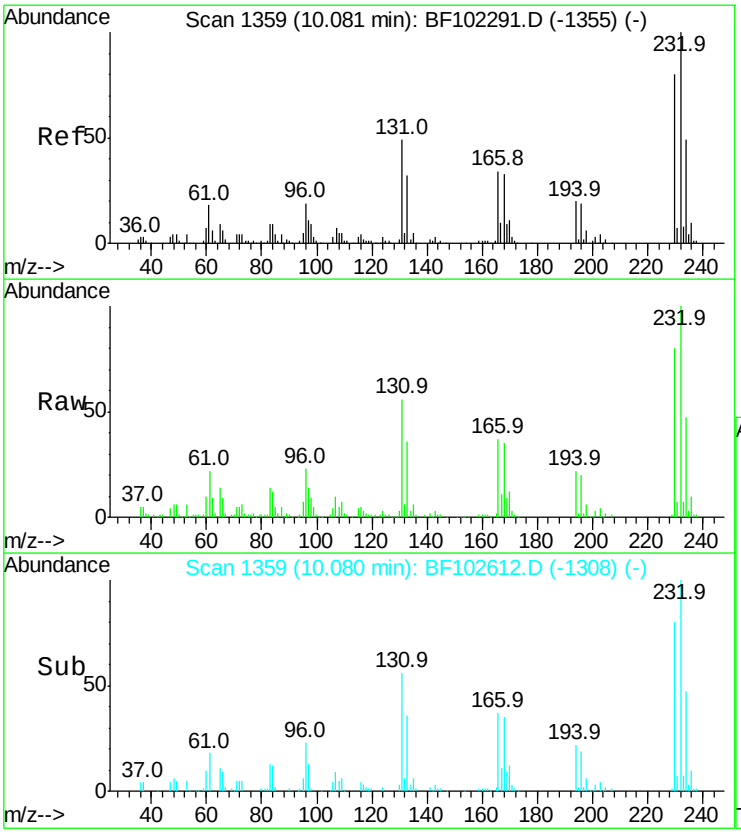

#57
Fluorene
Concen: 38.191 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:166 Resp: 556137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.4 | 79.8 | 119.8 |
| 167 | 13.7 | 10.6 | 16.0 |

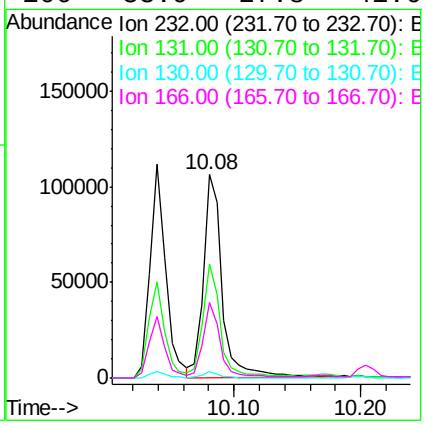


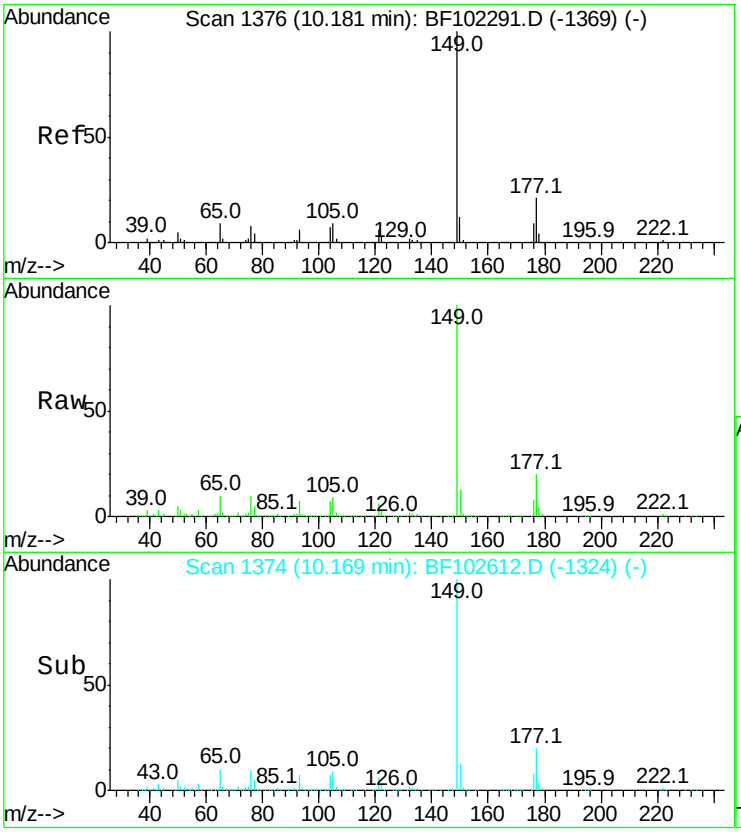




#58
2,3,4,6-Tetrachlorophenol
Concen: 31.218 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:232 Resp: 108529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 50.4 | 43.8 | 65.8 |
| 130 | 2.6 | 2.1 | 3.1 |
| 166 | 33.9 | 27.8 | 41.6 |



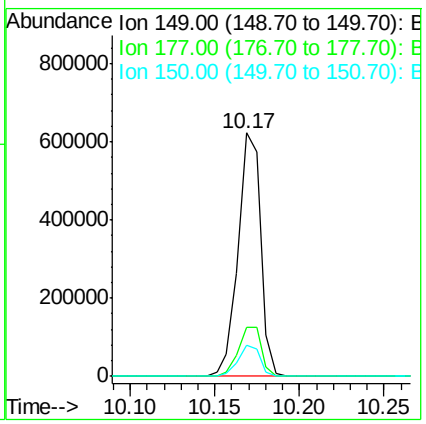


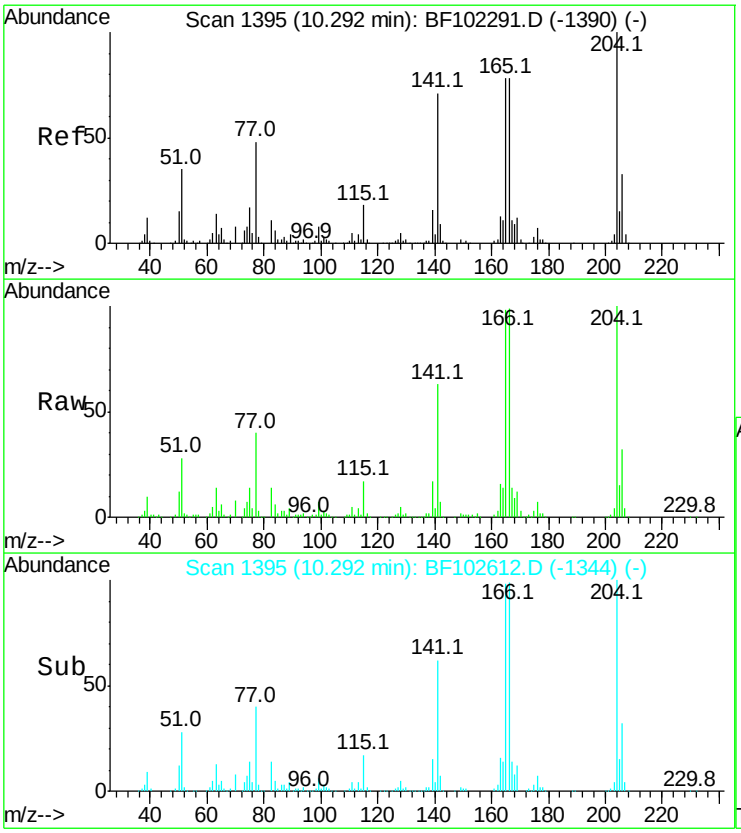

#59
Diethylphthalate
Concen: 33.736 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:149 Resp: 581829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.4 | 16.1 | 24.1 |
| 150 | 12.7 | 10.1 | 15.1 |

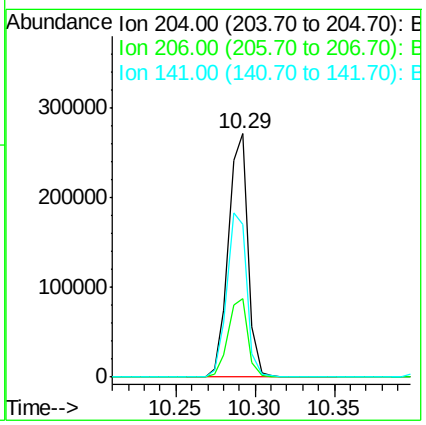


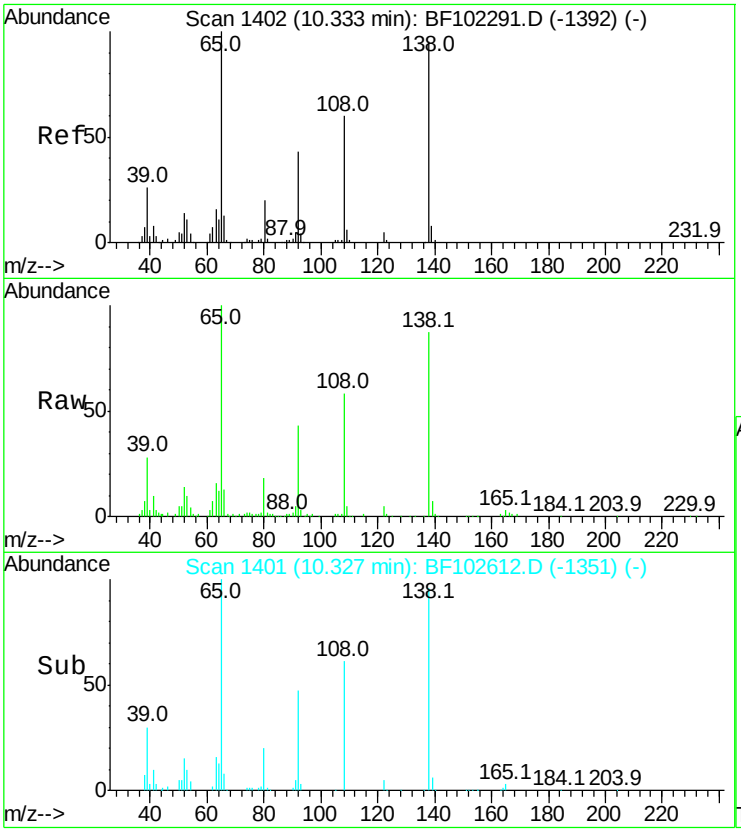




#60
4-Chlorophenyl-phenylether
Concen: 36.899 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:204 Resp: 232962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.3 | 26.5 | 39.7 |
| 141 | 62.8 | 54.6 | 81.8 |



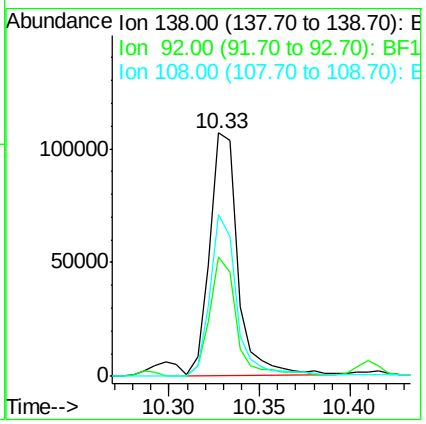


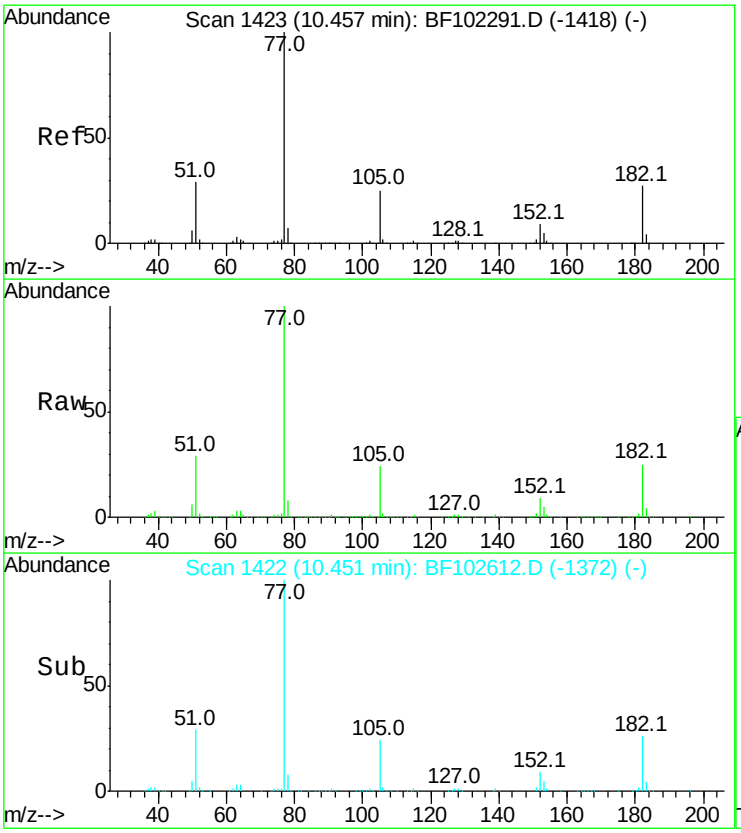

#61
4-Nitroaniline
Concen: 25.362 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:138 Resp: 114558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.3 | 30.2 | 70.2 |
| 108 | 66.2 | 52.5 | 92.5 |

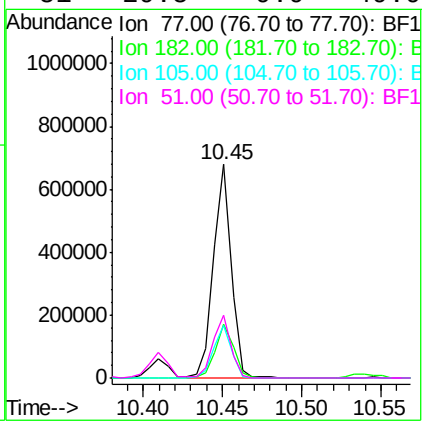


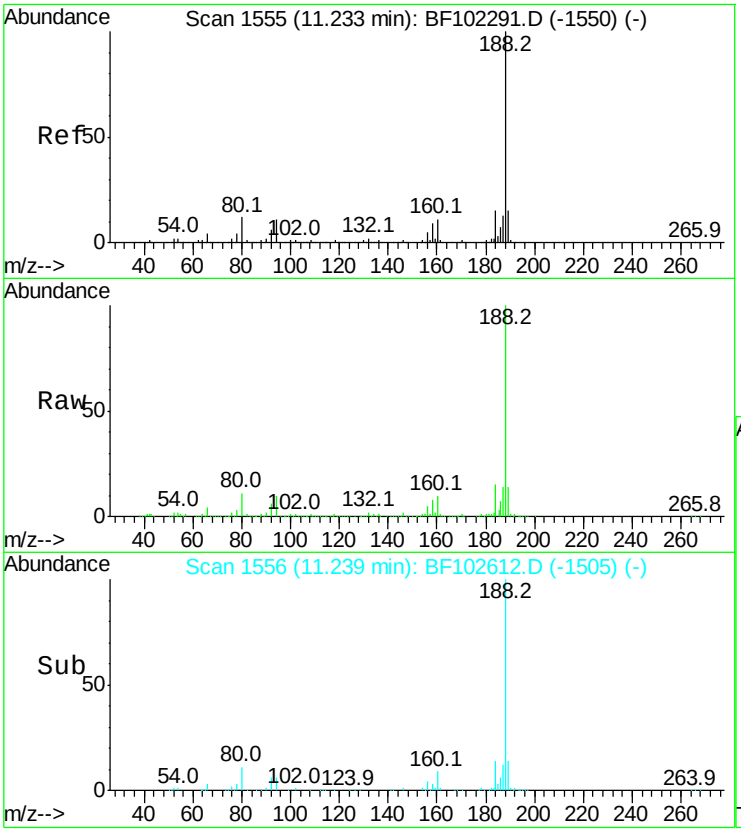




#62
Azobenzene
Concen: 33.380 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion: 77 Resp: 527080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.4 | 1.7 | 41.7 |
| 105 | 24.5 | 3.0 | 43.0 |
| 51 | 29.5 | 9.9 | 49.9 |



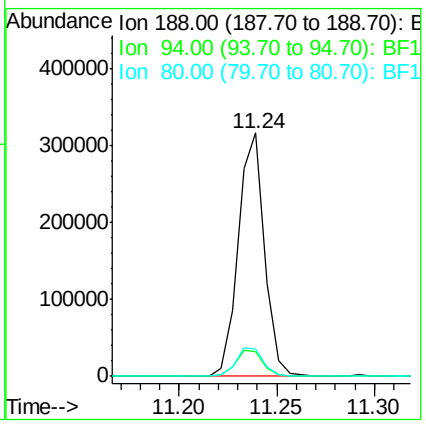


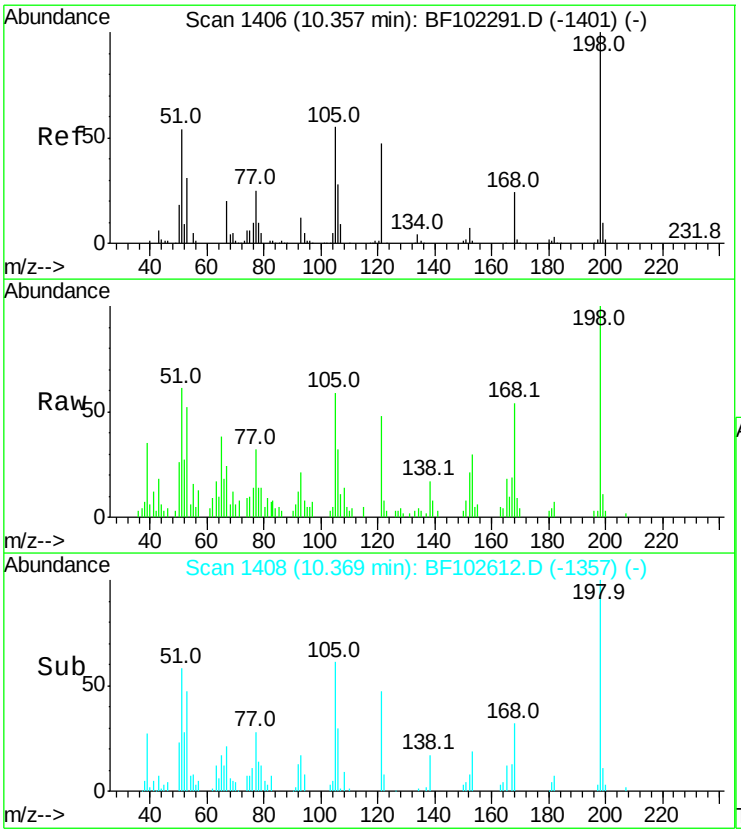

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:188 Resp: 293775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.2 | 8.5 | 12.7 |
| 80 | 11.4 | 9.2 | 13.8 |

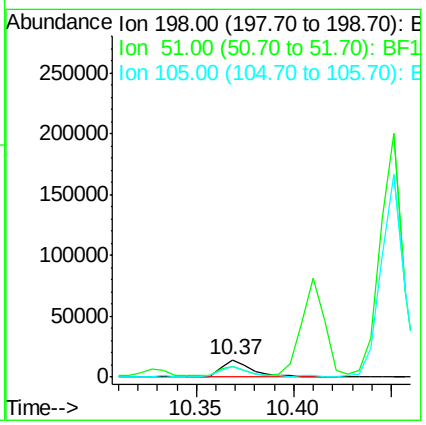


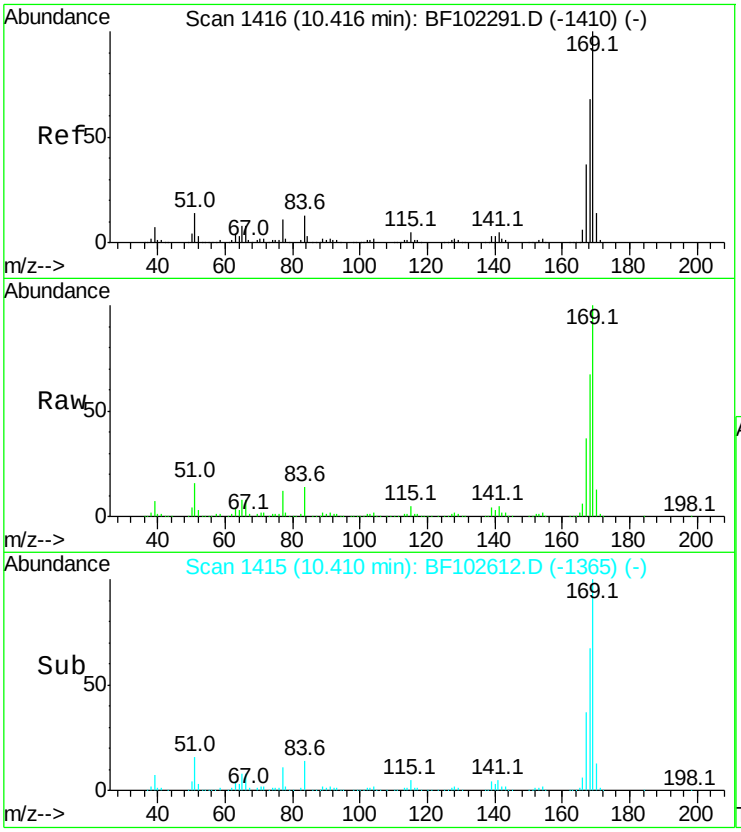




#64
4,6-Dinitro-2-methylphenol
Concen: 7.844 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:198 Resp: 15373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 60.7 | 37.7 | 77.7 |
| 105 | 58.7 | 36.3 | 76.3 |



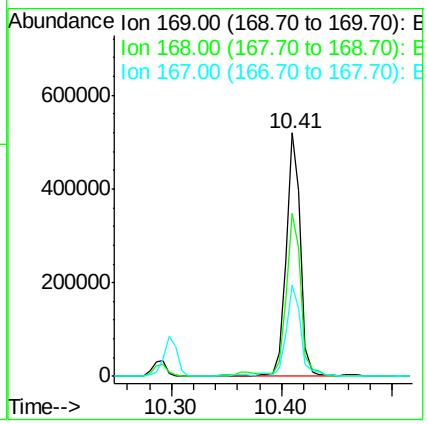


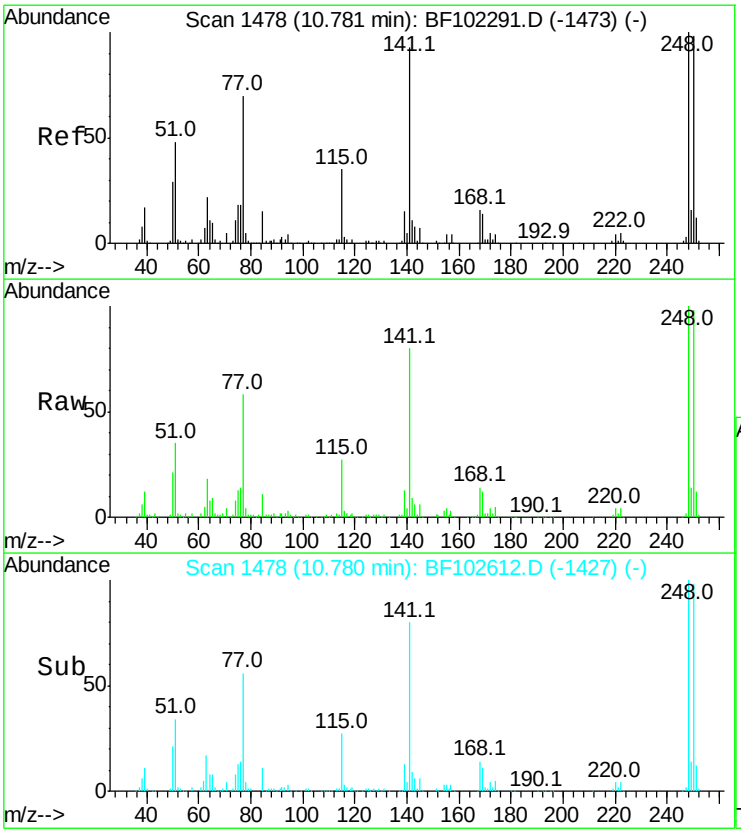

#65
n-Nitrosodiphenylamine
Concen: 43.122 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:169 Resp: 464976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.8 | 54.4 | 81.6 |
| 167 | 37.4 | 29.8 | 44.6 |

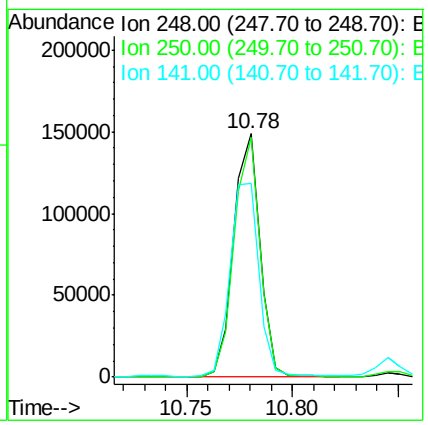


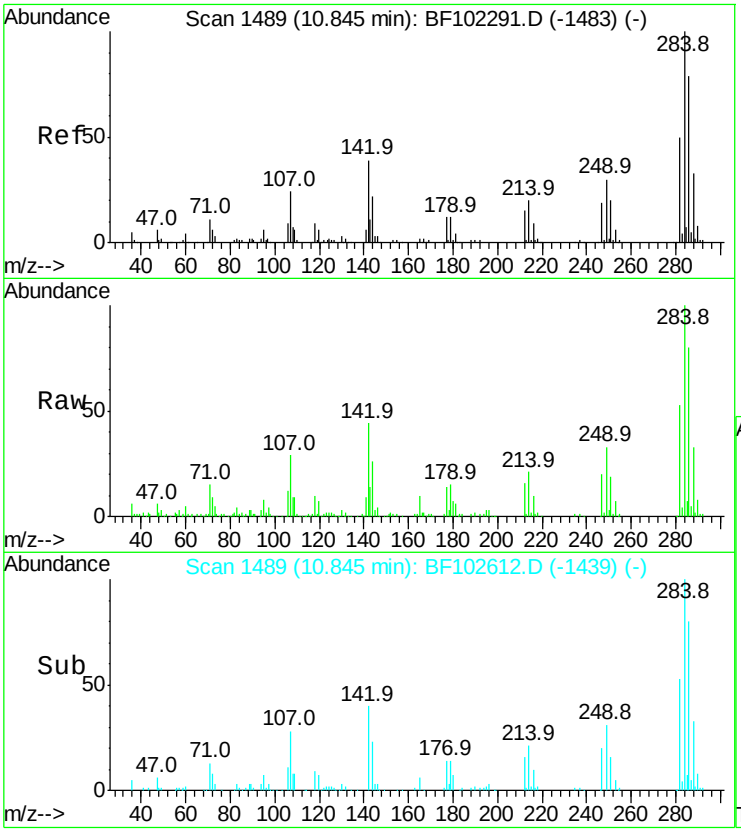




#66
4-Bromophenyl-phenylether
Concen: 40.600 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:248 Resp: 128397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.4 | 76.9 | 115.3 |
| 141 | 79.8 | 74.4 | 111.6 |



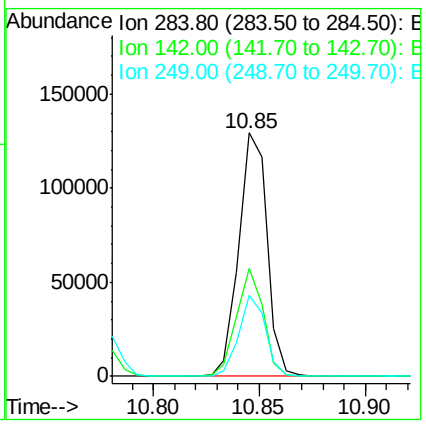


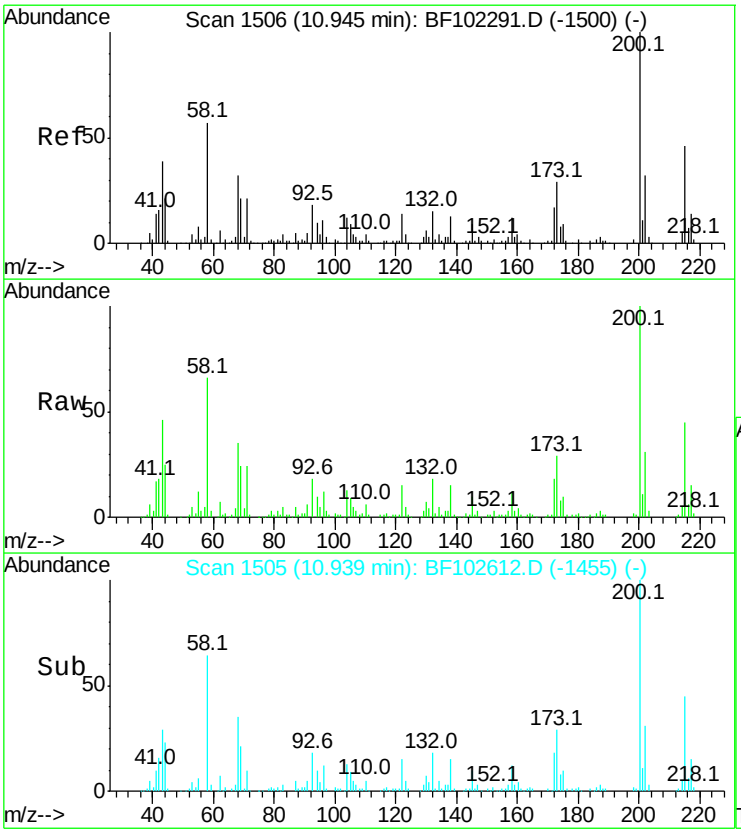

#67
Hexachlorobenzene
Concen: 33.966 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:284 Resp: 120132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 44.3 | 34.6 | 52.0 |
| 249 | 33.3 | 24.8 | 37.2 |

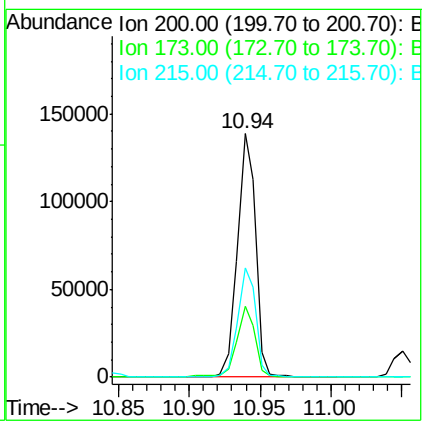


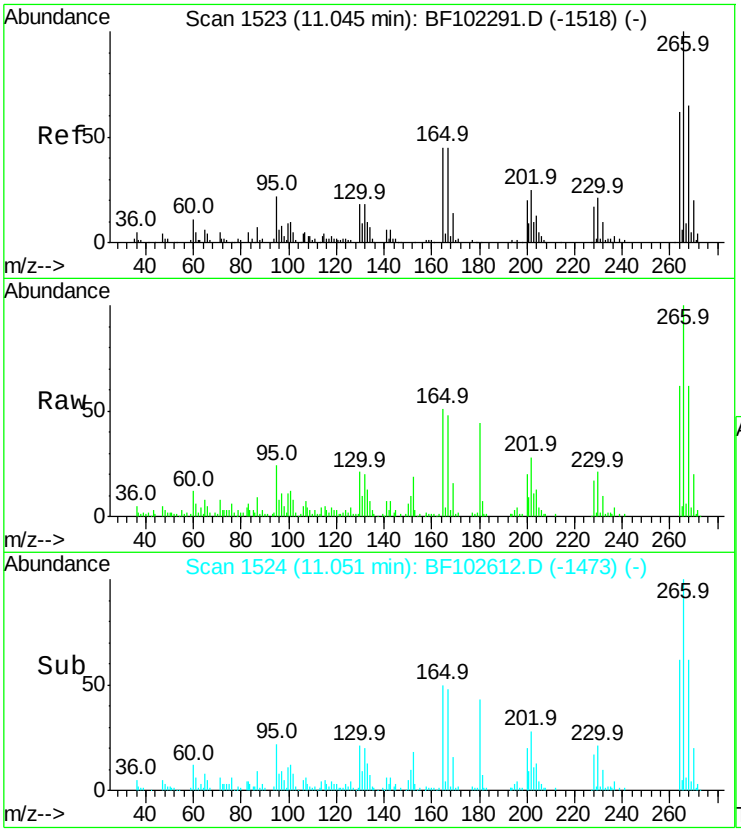




#68
Atrazine
Concen: 38.993 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:200 Resp: 124178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.3 | 8.6 | 48.6 |
| 215 | 44.9 | 25.1 | 65.1 |



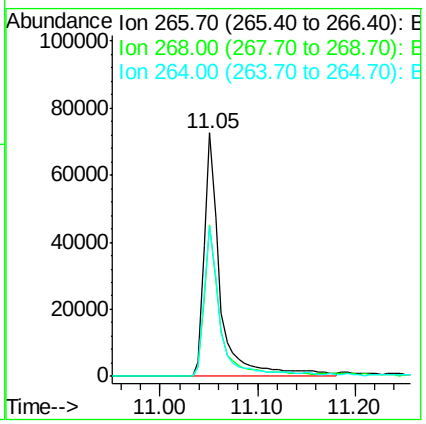


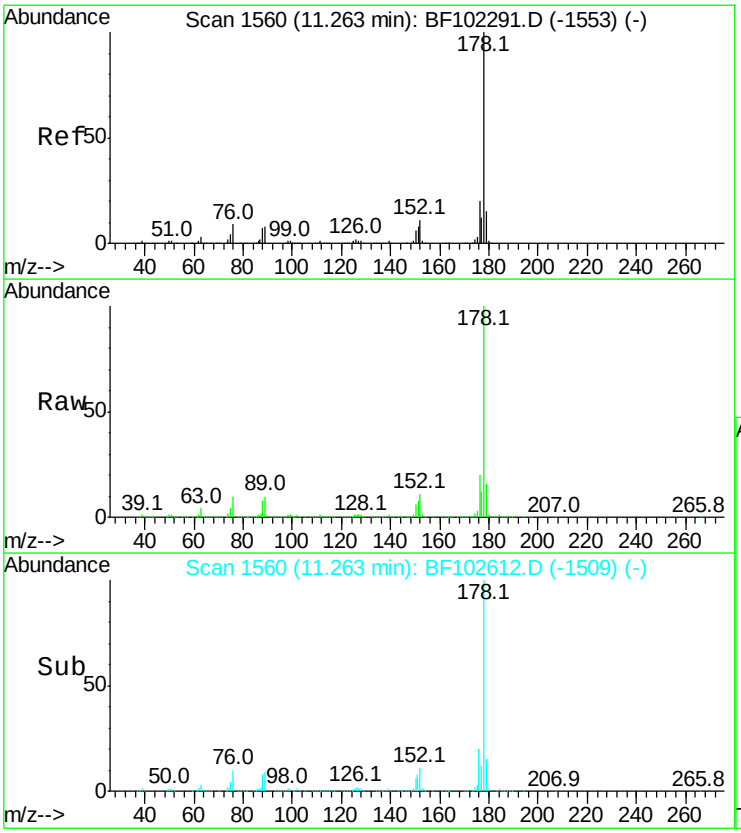

#69
Pentachlorophenol
Concen: 45.066 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:266 Resp: 83732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.0 | 51.1 | 76.7 |
| 264 | 61.6 | 49.5 | 74.3 |

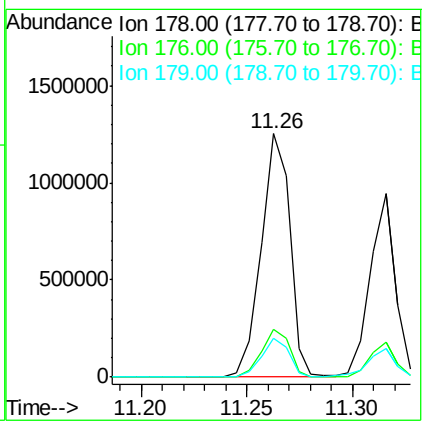


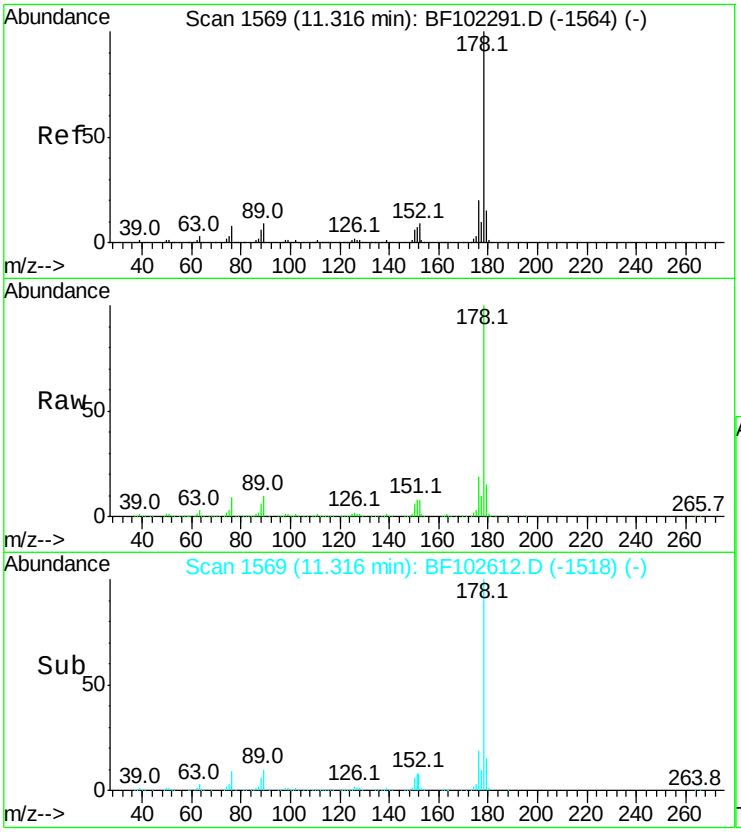




#70
Phenanthrene
Concen: 69.548 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:178 Resp: 1190586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.8 | 23.8 |
| 179 | 15.8 | 13.0 | 19.6 |



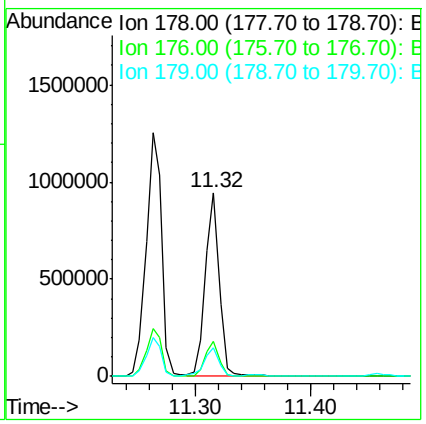


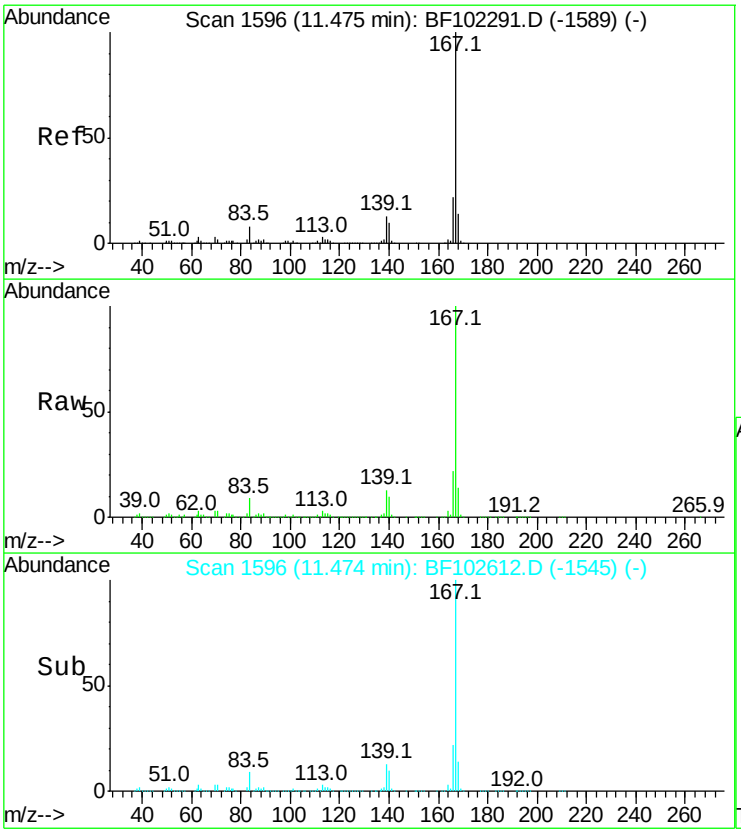

#71
Anthracene
Concen: 46.043 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:178 Resp: 804508

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

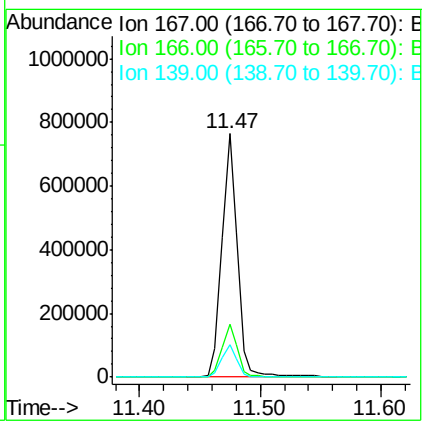


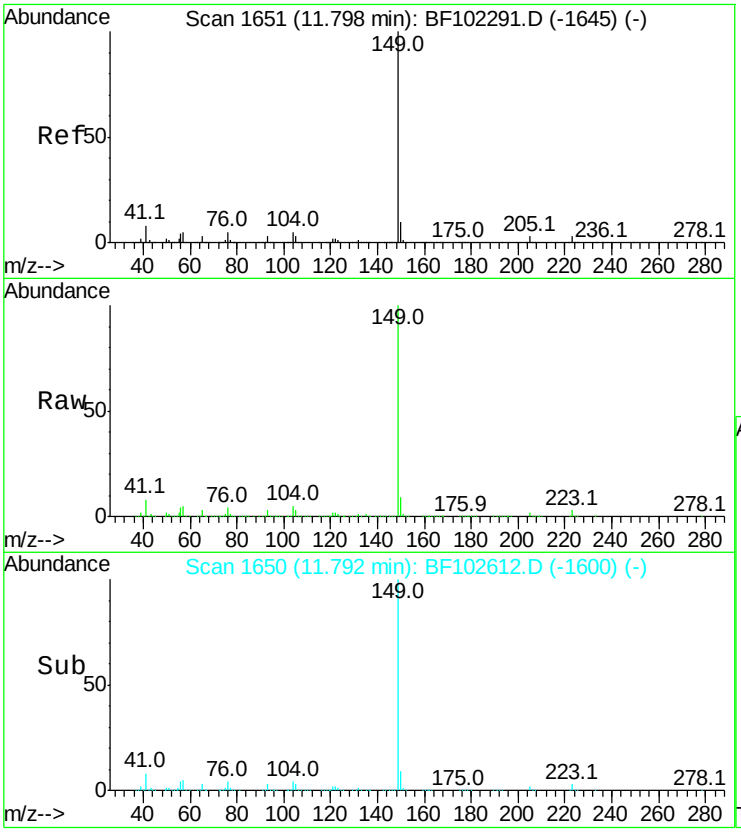




#72
Carbazole
Concen: 39.715 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:167 Resp: 676994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.8 | 17.6 | 26.4 |
| 139 | 13.3 | 10.9 | 16.3 |



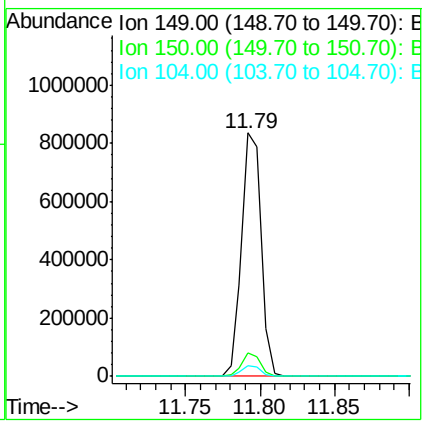


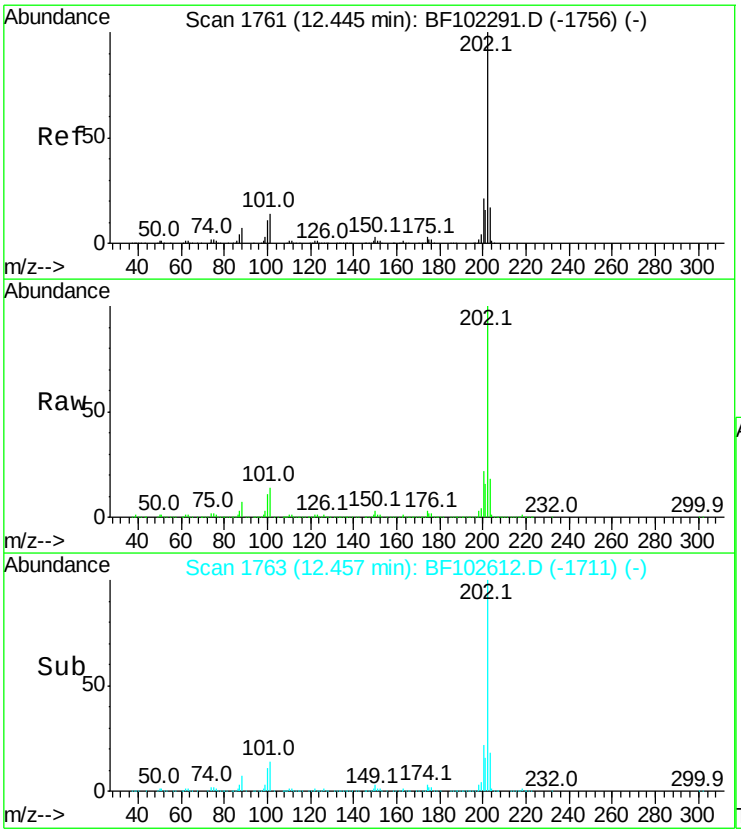

#73
Di-n-butylphthalate
Concen: 35.726 ng
RT: 11.79 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:149 Resp: 761227

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

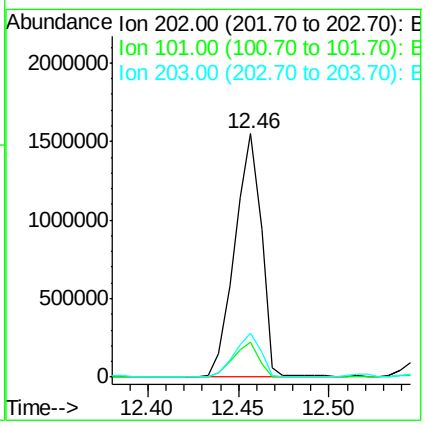


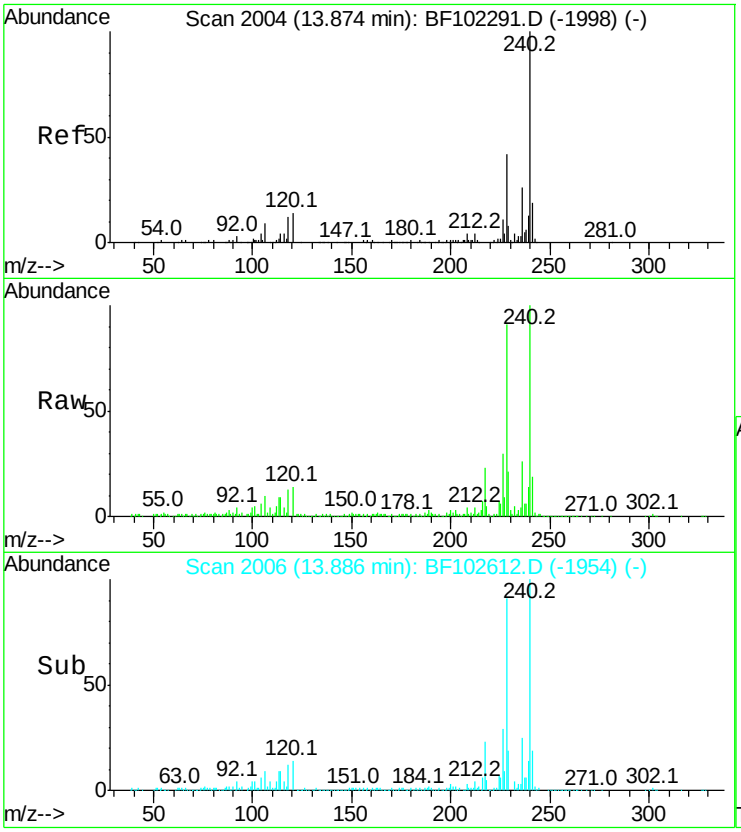




#74
Fluoranthene
Concen: 90.646 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:202 Resp: 1582417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.2 | 0.0 | 34.1 |
| 203 | 18.1 | 0.0 | 38.1 |



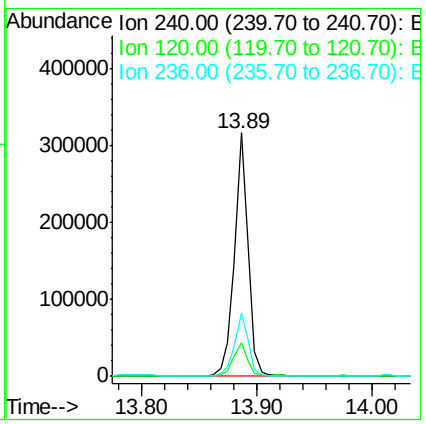


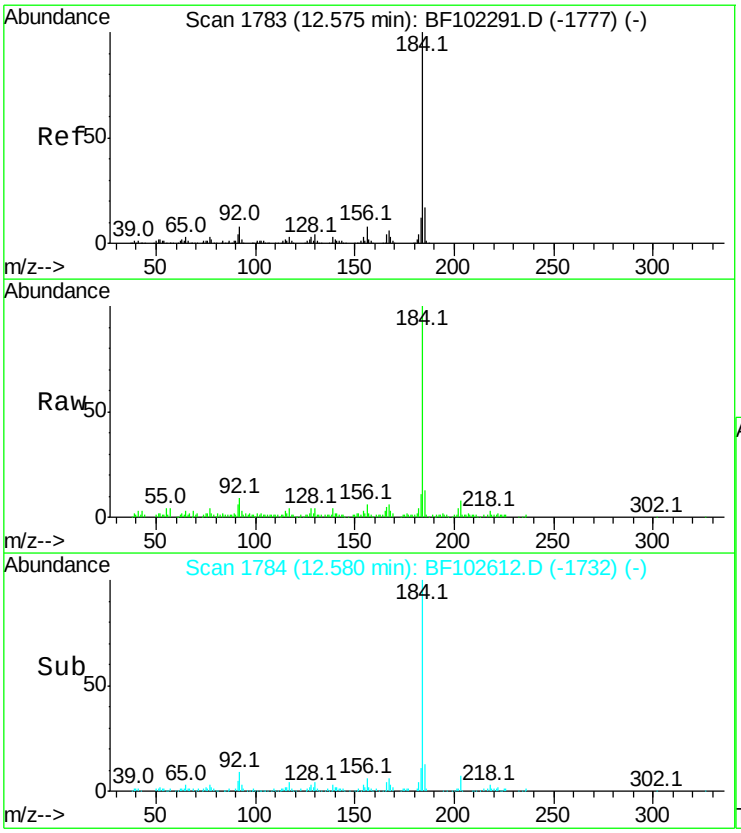

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:240 Resp: 259044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.7 | 9.5 | 14.3 |
| 236 | 25.8 | 20.7 | 31.1 |

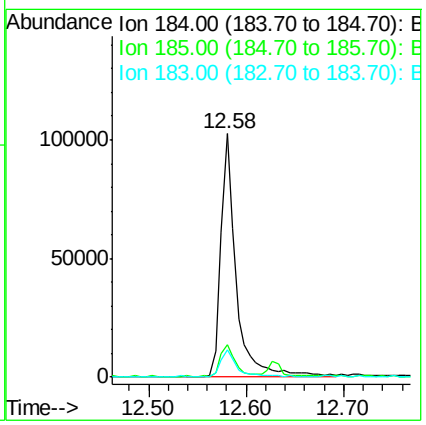


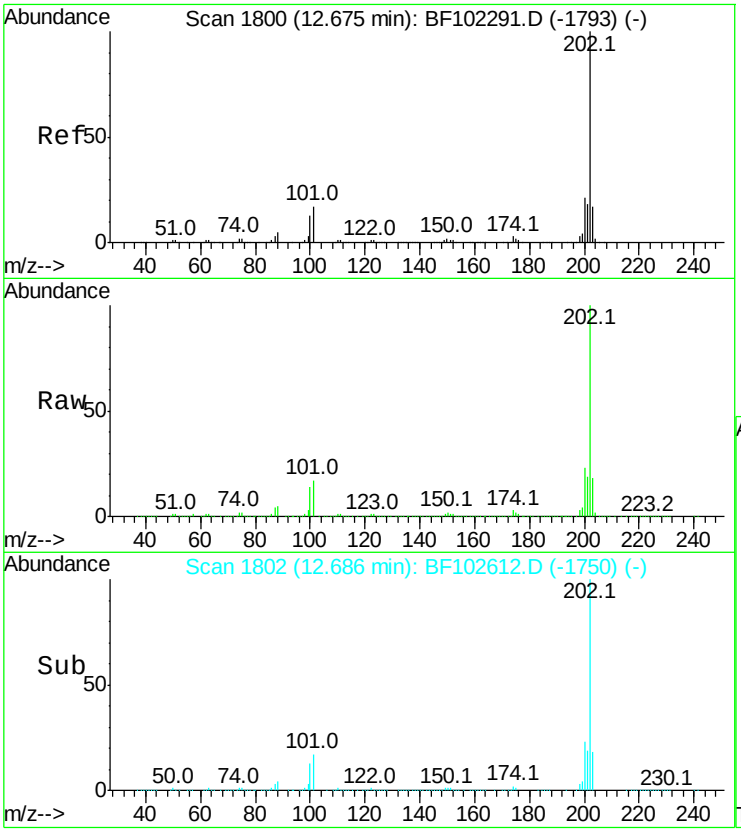




#76
Benzidine
Concen: 13.021 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:184 Resp: 113315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.3 | 12.6 | 18.8 |
| 183 | 11.3 | 9.3 | 13.9 |



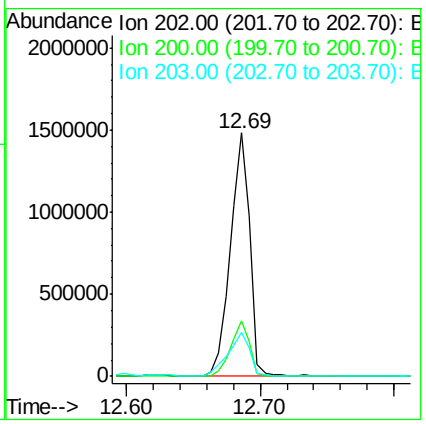


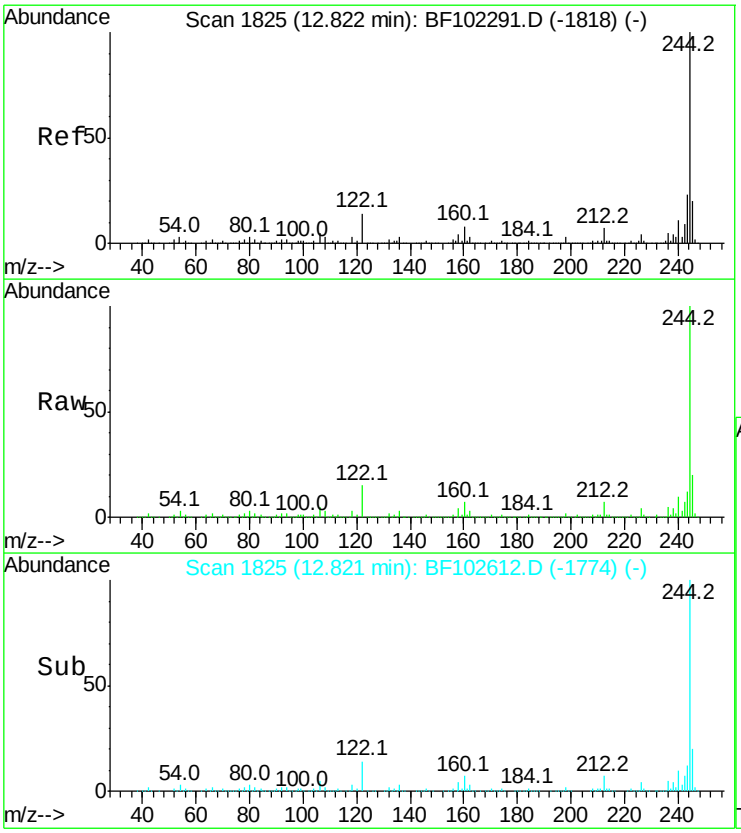

#77
Pyrene
Concen: 74.961 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:202 Resp: 1501351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.7 | 17.4 | 26.2 |
| 203 | 18.2 | 14.3 | 21.5 |

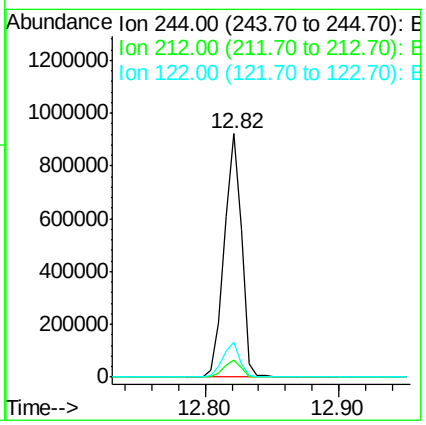


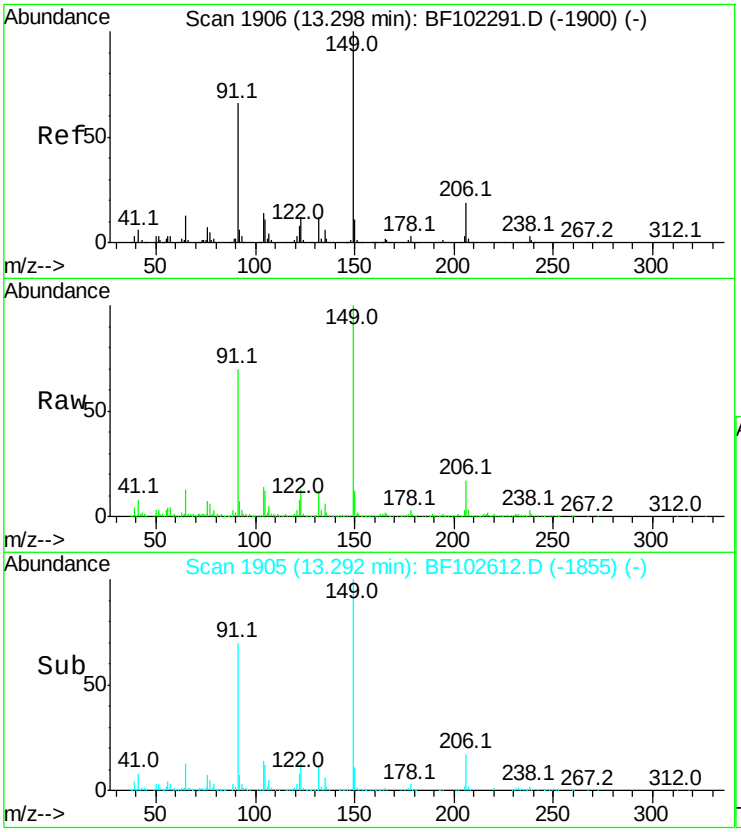




#78
Terphenyl-d14
Concen: 73.668 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:244 Resp: 846501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.4 | 8.0 |
| 122 | 14.5 | 11.0 | 16.4 |



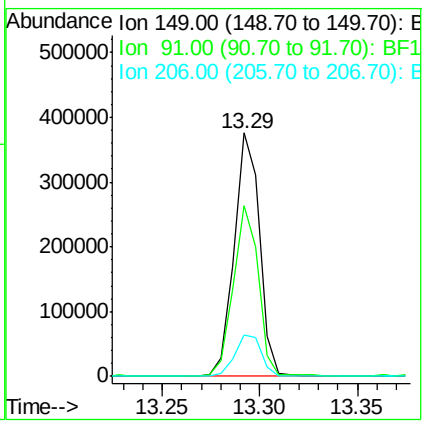


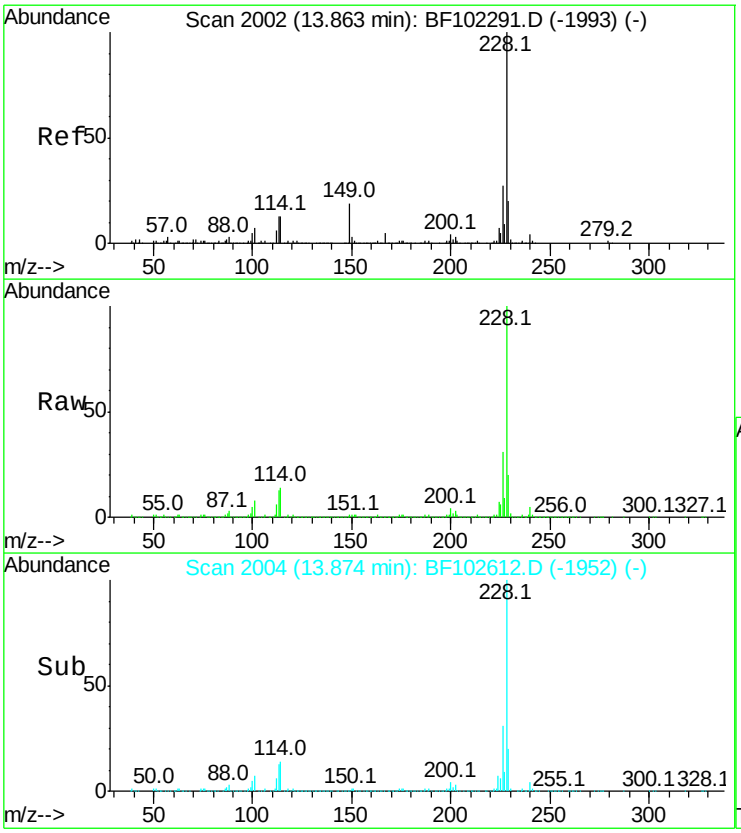

#79
Butylbenzylphthalate
Concen: 33.628 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:149 Resp: 335178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.3 | 56.8 | 85.2 |
| 206 | 17.2 | 14.1 | 21.1 |

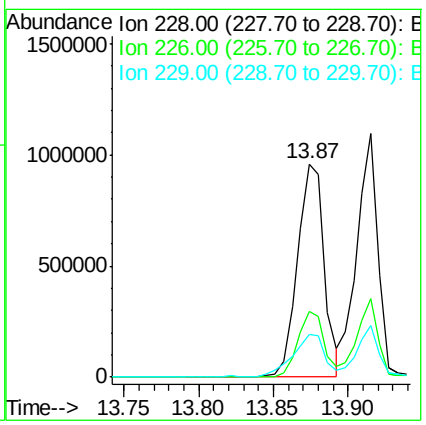


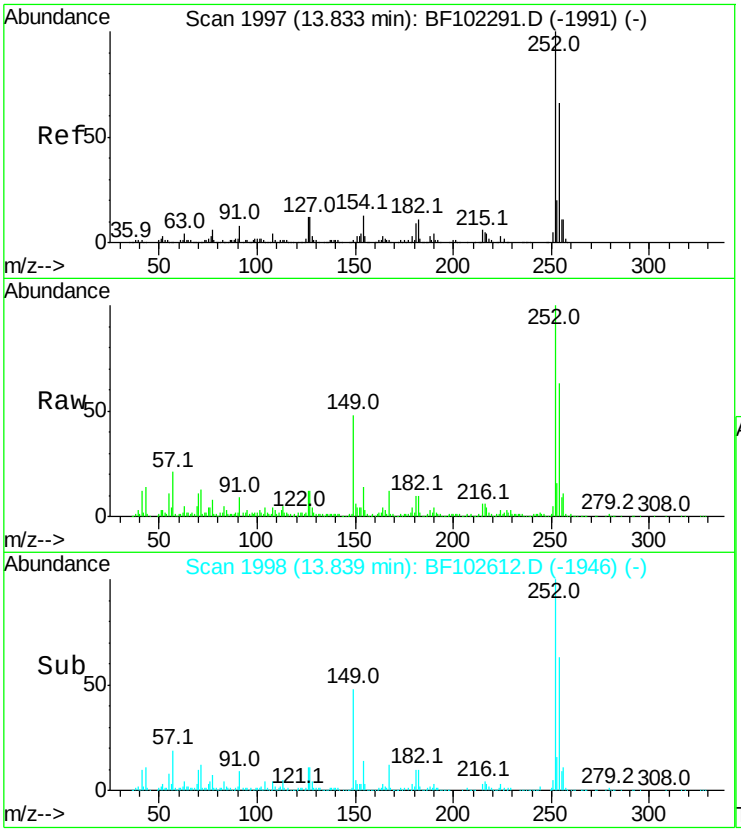




#80
Benzo(a)anthracene
Concen: 74.512 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:228 Resp: 1188362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.9 | 22.6 | 33.8 |
| 229 | 20.1 | 15.8 | 23.6 |



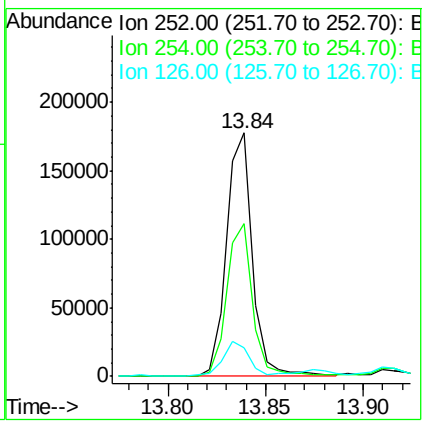


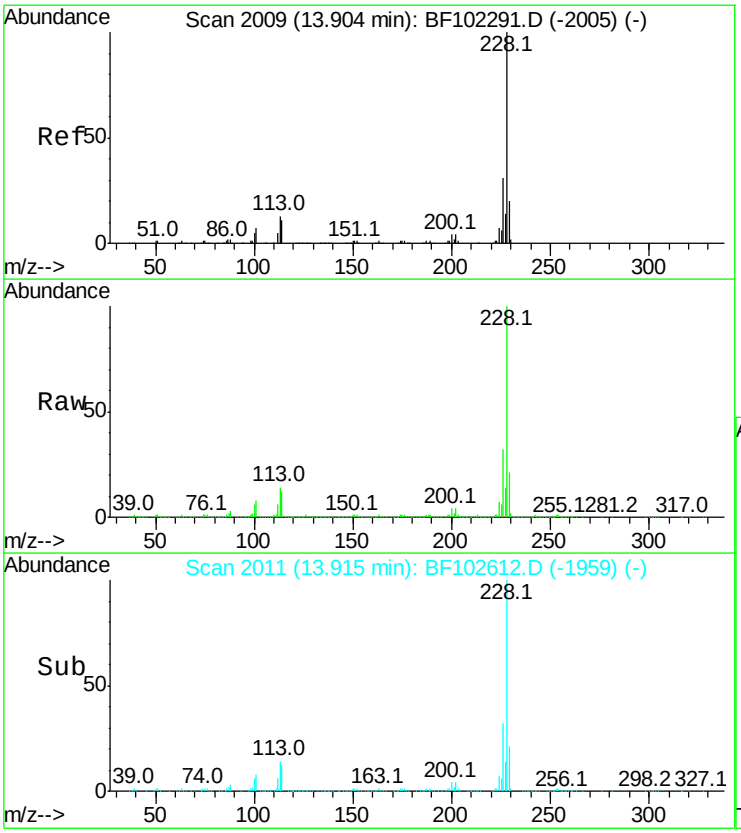

#81
3,3'-Dichlorobenzidine
Concen: 27.720 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:252 Resp: 162178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.8 | 50.4 | 75.6 |
| 126 | 11.6 | 11.3 | 16.9 |

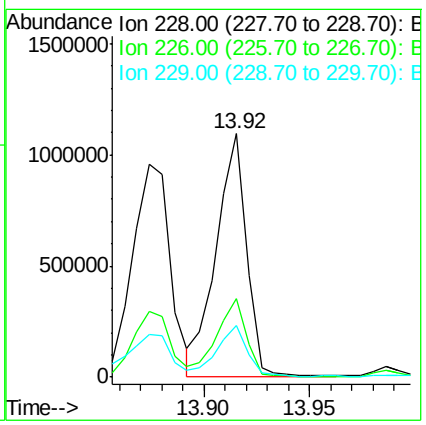


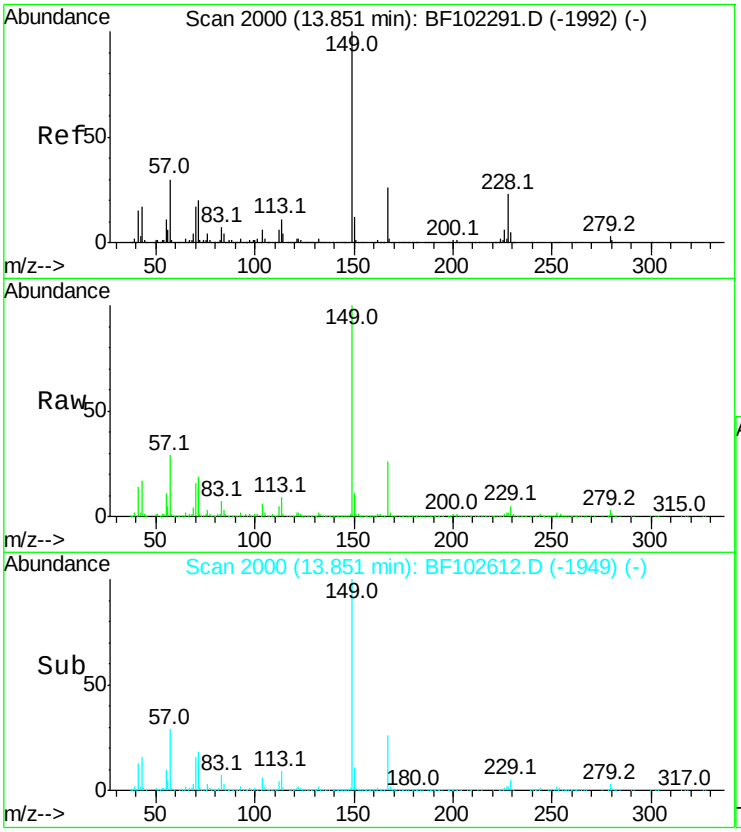




#82
Chrysene
Concen: 67.026 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:228 Resp: 1085526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.1 | 25.0 | 37.6 |
| 229 | 21.1 | 16.2 | 24.4 |



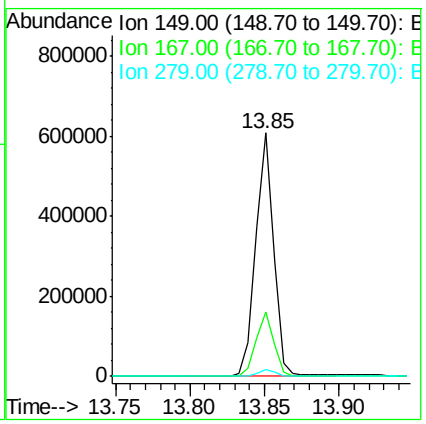


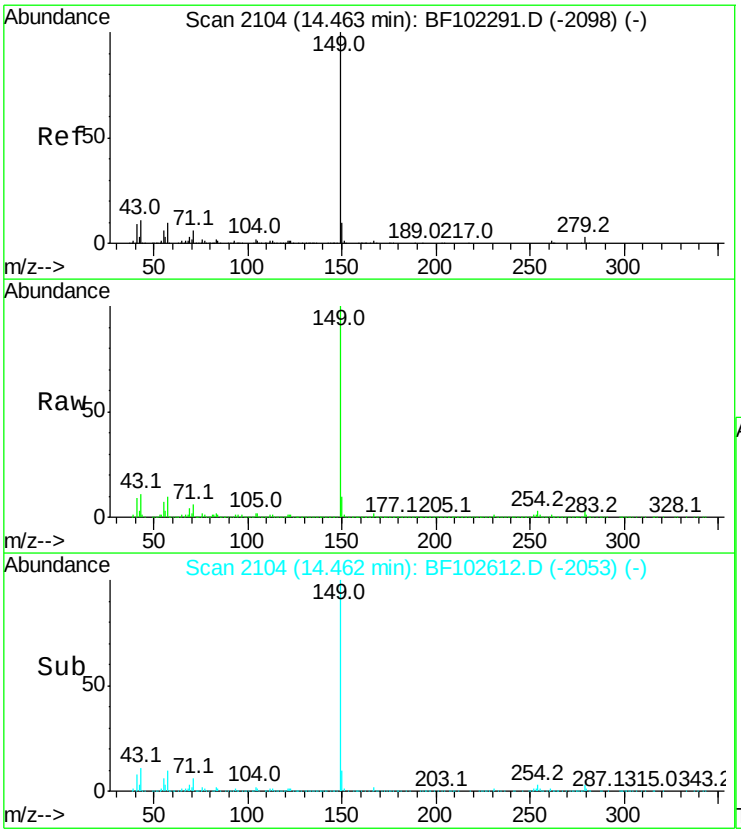

#83
Bis(2-ethylhexyl)phthalate
Concen: 37.082 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:149 Resp: 496701

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

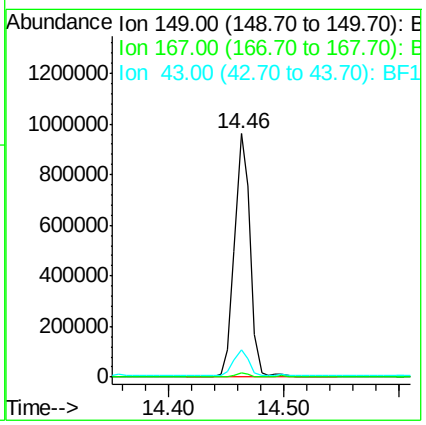


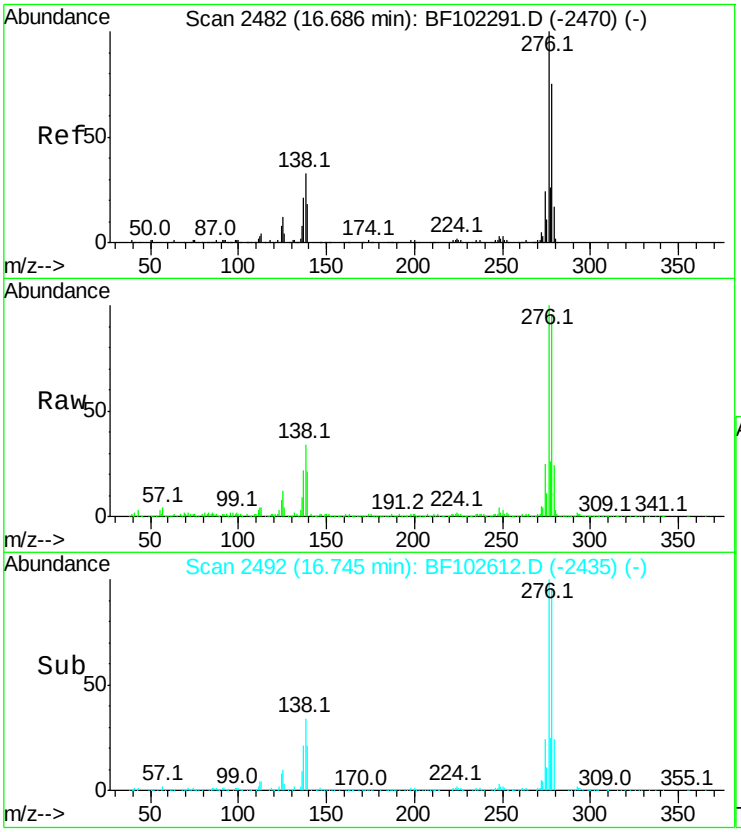




#84
Di-n-octyl phthalate
Concen: 41.116 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:149 Resp: 895647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 10.4 | 8.4 | 12.6 |



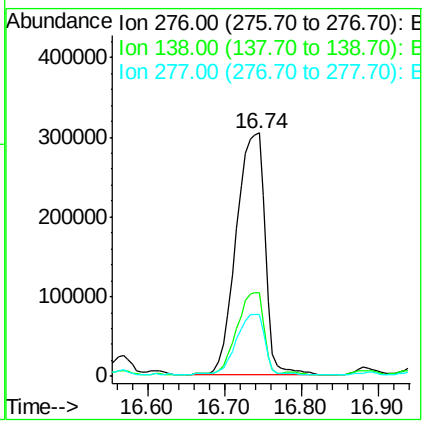


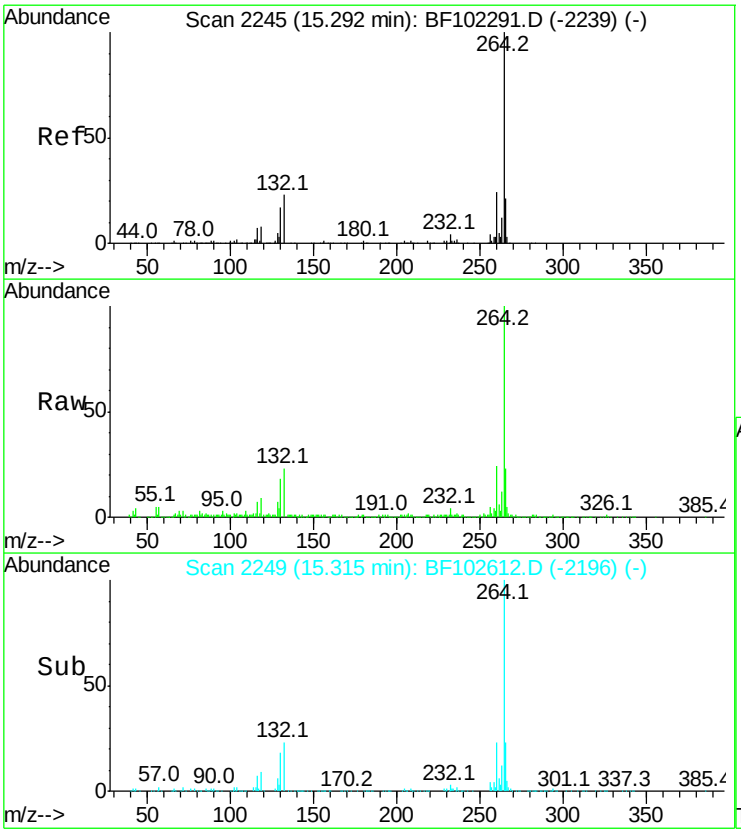

#85
Indeno(1,2,3-cd)pyrene
Concen: 59.609 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.04 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:276 Resp: 797286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 31.9 | 25.0 | 37.6 |
| 277 | 24.9 | 20.1 | 30.1 |

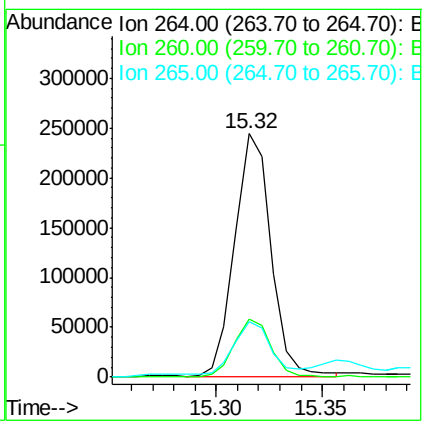


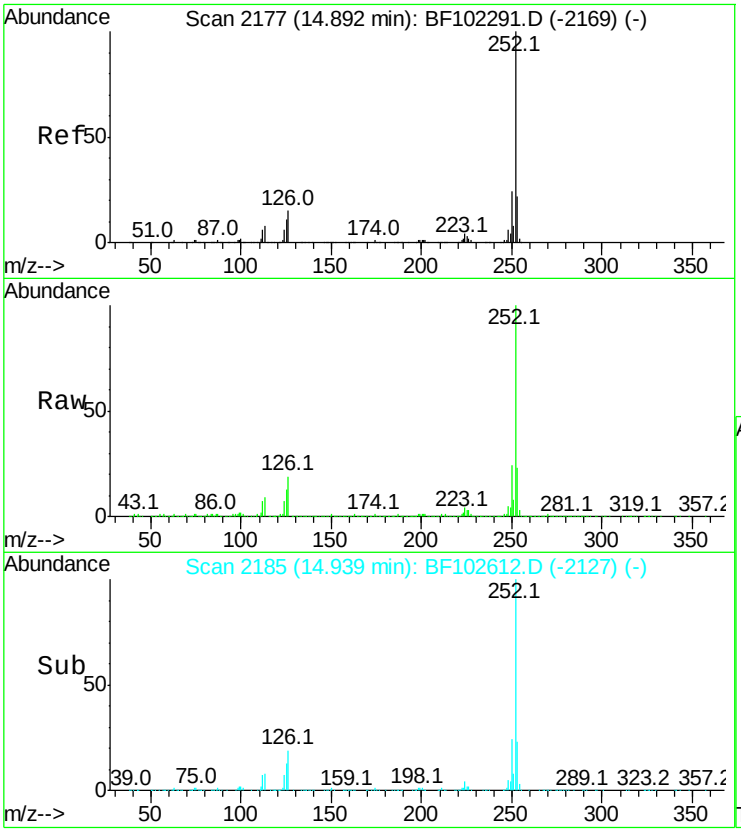




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:264 Resp: 288598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.2 | 28.8 |
| 265 | 23.0 | 17.5 | 26.3 |



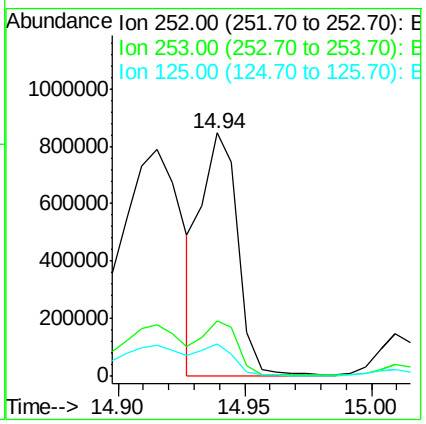


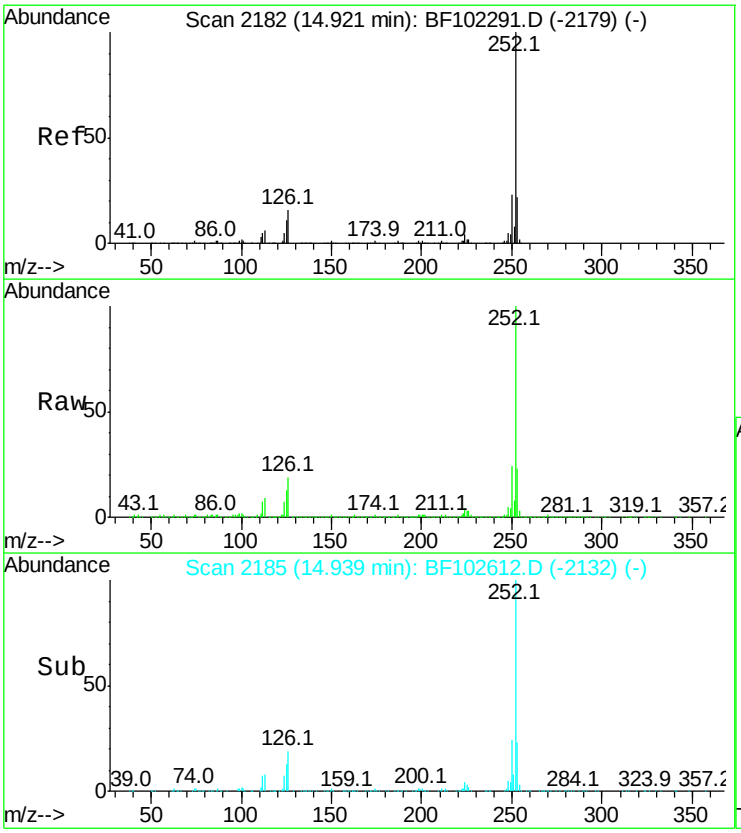

#87
Benzo(b)fluoranthene
Concen: 44.966 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.04 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:252 Resp: 841108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.0 | 25.6 |
| 125 | 13.3 | 9.0 | 13.6 |

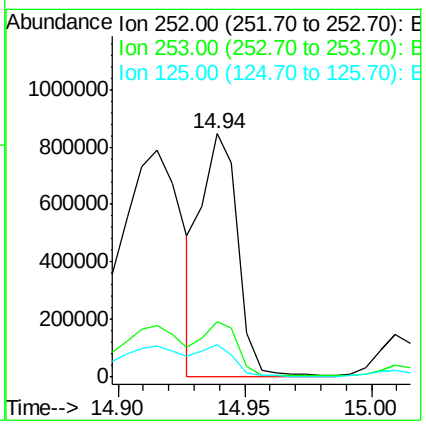


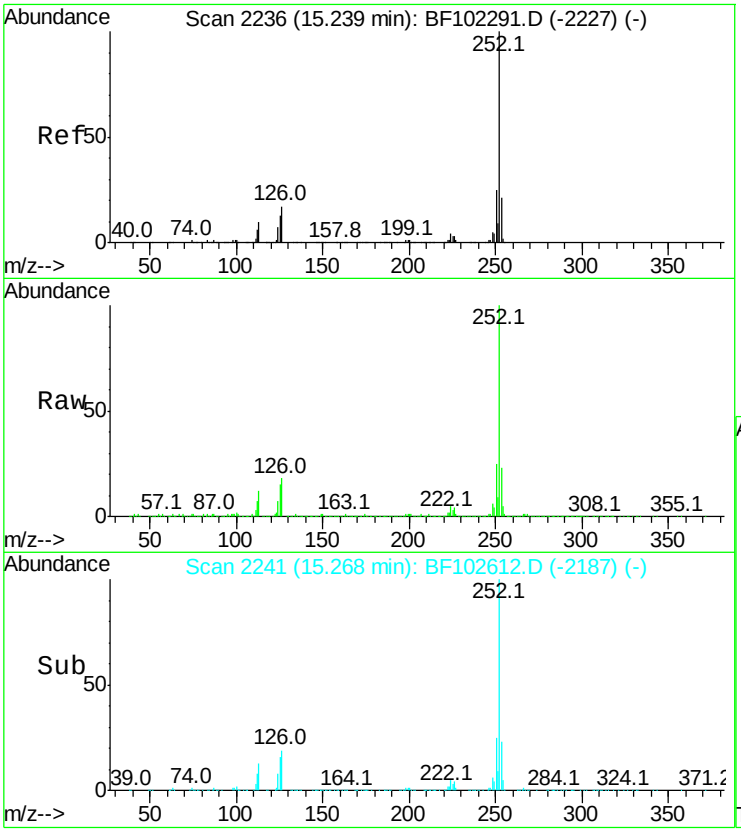




#88
Benzo(k)fluoranthene
Concen: 47.594 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.01 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:252 Resp: 841108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.9 | 26.9 |
| 125 | 13.3 | 10.2 | 15.2 |



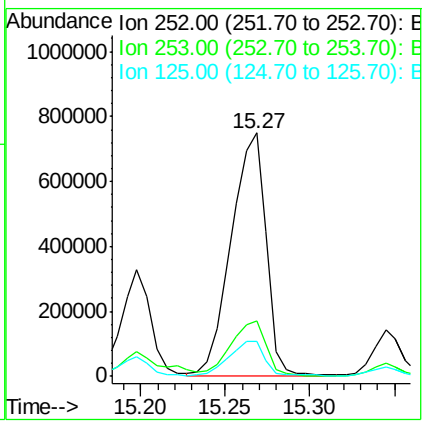


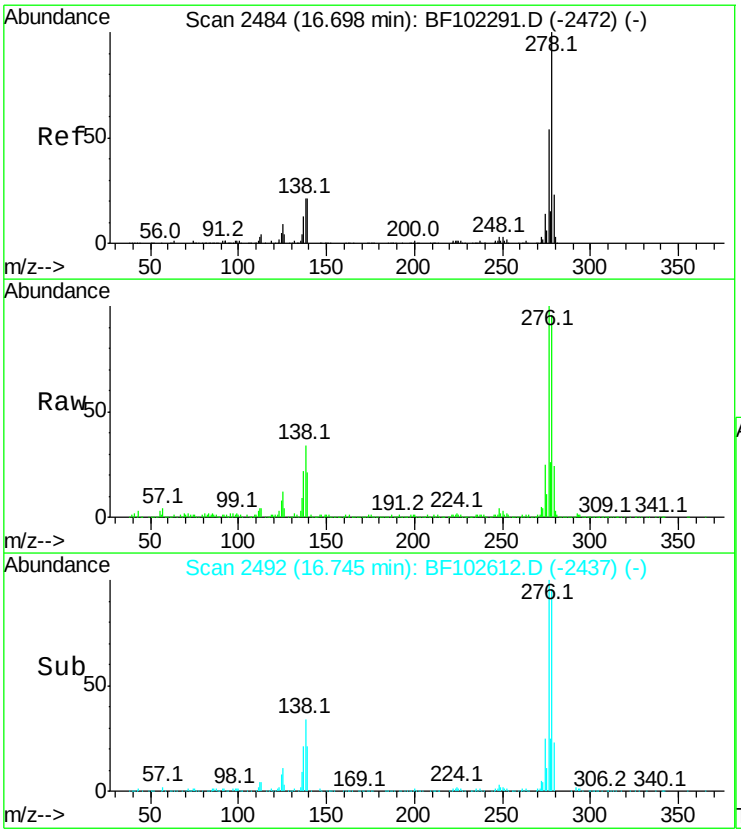

#89
Benzo(a)pyrene
Concen: 63.658 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:252 Resp: 1073924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.1 | 25.7 |
| 125 | 14.6 | 9.8 | 14.6 |

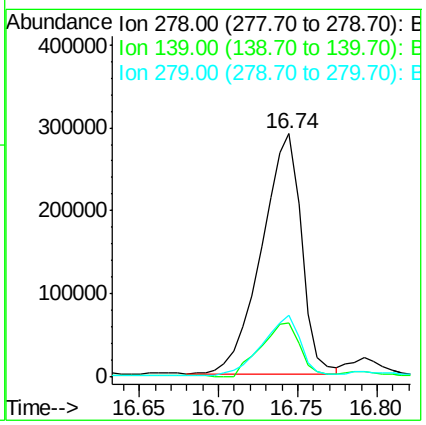


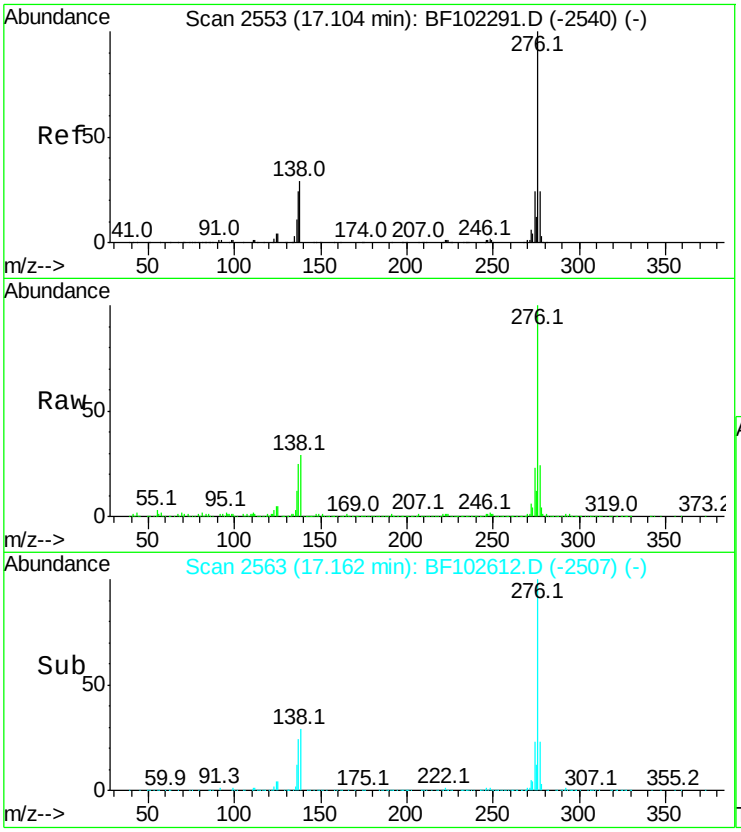




#90
Dibenzo(a,h)anthracene
Concen: 36.747 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.02 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

Tgt Ion:278 Resp: 502171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 22.0 | 15.9 | 23.9 |
| 279 | 25.2 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 50.575 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.03 min
Lab File: BF102612.D
Acq: 29 Jan 2018 22:11

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

Tgt Ion:276 Resp: 682436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.8 | 17.9 | 26.9 |
| 138 | 28.9 | 21.8 | 32.8 |