Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105139.D
Acq On : 8 May 2018 11:40
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: May 08 13:40:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 13:40:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 199009 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 813794 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.83 | 164 | 405755 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.31 | 188 | 796132 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.00 | 240 | 675288 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.55 | 264 | 627781 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.39 | 112 | 254955 | 19.59 | ng | | -0.01 |
| 7) Phenol-d6 | 6.40 | 99 | 302204 | 18.90 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 193769 | 15.55 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.61 | 330 | 78116 | 18.56 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.15 | 172 | 624655 | 24.32 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.90 | 244 | 633098 | 21.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.51 | 88 | 65805 | 10.851 | ng | | 92 |
| 3) Pyridine | 3.24 | 79 | 171140 | 10.037 | ng | # | 84 |
| 4) n-Nitrosodimethylamine | 3.18 | 42 | 85052 | 14.270 | ng | | 83 |
| 6) Aniline | 6.45 | 93 | 219614 | 9.885 | ng | | 97 |
| 8) 2-Chlorophenol | 6.57 | 128 | 135012 | 9.828 | ng | | 93 |
| 9) Benzaldehyde | 6.34 | 77 | 122918 | 15.403 | ng | | 99 |
| 10) Phenol | 6.42 | 94 | 168831 | 9.950 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 6.52 | 93 | 142723 | 10.541 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 6.73 | 146 | 164880 | 10.595 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.81 | 146 | 167841 | 10.819 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.96 | 146 | 156609 | 10.894 | ng | | 95 |
| 15) Benzyl Alcohol | 6.93 | 79 | 107933 | 8.886 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45 | 262168 | 14.418 | ng | | 96 |
| 17) 2-Methylphenol | 7.03 | 107 | 115351 | 9.660 | ng | | 97 |
| 18) Hexachloroethane | 7.30 | 117 | 50315 | 9.097 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 98179 | 9.395 | ng | | 90 |
| 20) 3+4-Methylphenols | 7.19 | 107 | 142297 | 9.608 | ng | | 95 |
| 22) Acetophenone | 7.20 | 105 | 212503 | 10.607 | ng | # | 94 |
| 24) Nitrobenzene | 7.37 | 77 | 126071 | 9.162 | ng | | 95 |
| 25) Isophorone | 7.61 | 82 | 279763 | 10.615 | ng | | 99 |
| 26) 2-Nitrophenol | 7.69 | 139 | 17392 | 3.105 | ng | # | 86 |
| 27) 2,4-Dimethylphenol | 7.72 | 122 | 121158 | 10.417 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93 | 176120 | 10.930 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.92 | 162 | 104528 | 9.419 | ng | | 93 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 138879 | 11.403 | ng | | 96 |
| 31) Naphthalene | 8.10 | 128 | 430034 | 10.612 | ng | | 98 |
| 32) Benzoic acid | 7.79 | 122 | 19235 | 2.073 | ng | | 89 |
| 33) 4-Chloroaniline | 8.14 | 127 | 175383 | 10.102 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.21 | 225 | 79251 | 11.880 | ng | | 99 |
| 35) Caprolactam | 8.47 | 113 | 26791 | 6.920 | ng | # | 66 |
| 36) 4-Chloro-3-methylphenol | 8.61 | 107 | 113261 | 9.518 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.79 | 142 | 301147 | 11.489 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.95 | 216 | 140178 | 12.069 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.94 | 237 | 53360 | 8.206 | ng | | 97 |

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ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: May 08 13:40:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 13:40:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.06 | 196 | 69312 | 8.596 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.09 | 196 | 76848 | 8.517 | ng | | 90 |
| 45) 1,1'-Biphenyl | 9.25 | 154 | 368929 | 10.823 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.27 | 162 | 271140 | 10.071 | ng | | 98 |
| 47) 2-Nitroaniline | 9.37 | 65 | 34052 | 5.114 | ng | | 95 |
| 48) Acenaphthylene | 9.69 | 152 | 421836 | 9.986 | ng | | 99 |
| 49) Dimethylphthalate | 9.55 | 163 | 292023 | 9.127 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.61 | 165 | 46169 | 7.798 | ng | | 96 |
| 51) Acenaphthene | 9.86 | 154 | 264732 | 10.271 | ng | | 99 |
| 52) 3-Nitroaniline | 9.77 | 138 | 49377 | 7.124 | ng | # | 94 |
| 53) 2,4-Dinitrophenol | 9.87 | 184 | 4728 | 2.627 | ng | # | 29 |
| 54) Dibenzofuran | 10.03 | 168 | 399781 | 11.130 | ng | | 97 |
| 55) 4-Nitrophenol | 9.92 | 139 | 32872 | 6.037 | ng | | 100 |
| 56) 2,4-Dinitrotoluene | 10.00 | 165 | 51508 | 6.632 | ng | # | 86 |
| 57) Fluorene | 10.37 | 166 | 309593 | 11.842 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.15 | 232 | 67632 | 10.047 | ng | | 88 |
| 59) Diethylphthalate | 10.25 | 149 | 290103 | 9.104 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204 | 148189 | 12.728 | ng | | 93 |
| 61) 4-Nitroaniline | 10.38 | 138 | 50135 | 7.398 | ng | | 93 |
| 62) Azobenzene | 10.53 | 77 | 309113 | 10.153 | ng | | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 10.41 | 198 | 8010 | 2.316 | ng | | 91 |
| 65) n-Nitrosodiphenylamine | 10.49 | 169 | 270757 | 9.809 | ng | | 100 |
| 66) 4-Bromophenyl-phenylether | 10.86 | 248 | 91760 | 10.836 | ng | | 91 |
| 67) Hexachlorobenzene | 10.92 | 284 | 102861 | 10.795 | ng | | 93 |
| 68) Atrazine | 11.01 | 200 | 77241 | 9.270 | ng | | 99 |
| 69) Pentachlorophenol | 11.11 | 266 | 36198 | 6.141 | ng | | 98 |
| 70) Phenanthrene | 11.33 | 178 | 472306 | 10.653 | ng | | 98 |
| 71) Anthracene | 11.39 | 178 | 478640 | 10.620 | ng | | 99 |
| 72) Carbazole | 11.54 | 167 | 426312 | 9.680 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.88 | 149 | 399406 | 7.424 | ng | | 98 |
| 74) Fluoranthene | 12.52 | 202 | 488785 | 10.552 | ng | | 98 |
| 76) Benzidine | 12.65 | 184 | 212414 | 9.088 | ng | | 100 |
| 77) Pyrene | 12.75 | 202 | 504800 | 10.085 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.40 | 149 | 72325 | 3.067 | ng | | 99 |
| 80) Benzo(a)anthracene | 13.99 | 228 | 447672 | 11.097 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.96 | 252 | 128396 | 8.536 | ng | # | 96 |
| 82) Chrysene | 14.03 | 228 | 439146 | 10.598 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 144439 | 4.762 | ng | | 100 |
| 84) Di-n-octyl phthalate | 14.69 | 149 | 167983 | 3.314 | ng | # | 83 |
| 85) Indeno(1,2,3-cd)pyrene | 16.99 | 276 | 307672 | 8.740 | ng | | 94 |
| 87) Benzo(b)fluoranthene | 15.12 | 252 | 366730 | 9.249 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.15 | 252 | 419607 | 11.210 | ng | # | 96 |
| 89) Benzo(a)pyrene | 15.49 | 252 | 350711 | 9.886 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 17.02 | 278 | 254728 | 8.742 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 17.42 | 276 | 261992 | 9.281 | ng | | 94 |

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

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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

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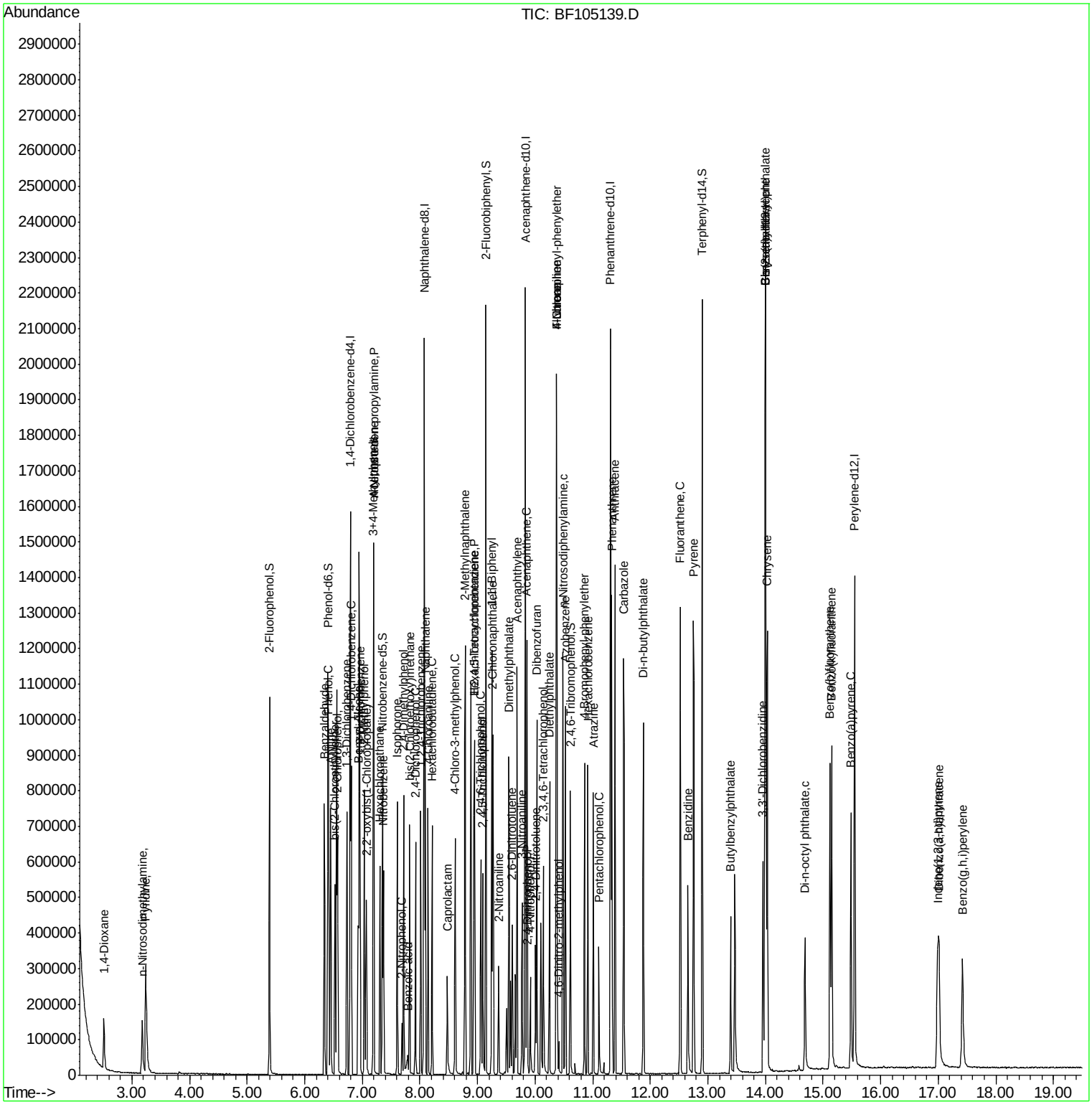
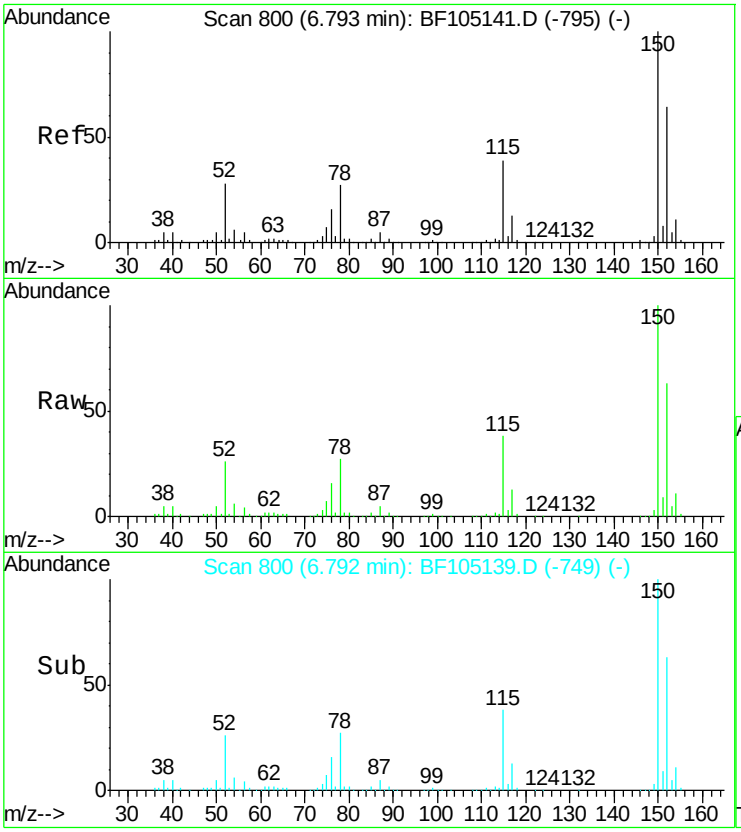
Response via : Initial Calibration



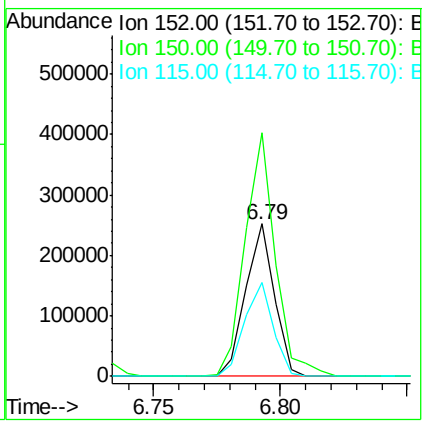


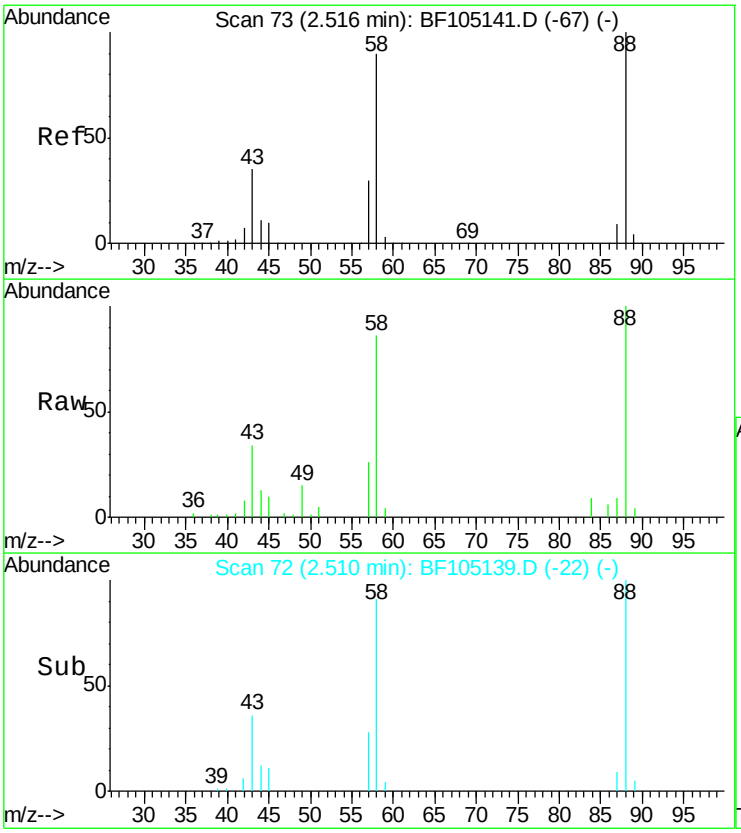

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:152 Resp: 199009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.9 | 124.6 | 186.8 |
| 115 | 61.4 | 50.1 | 75.1 |

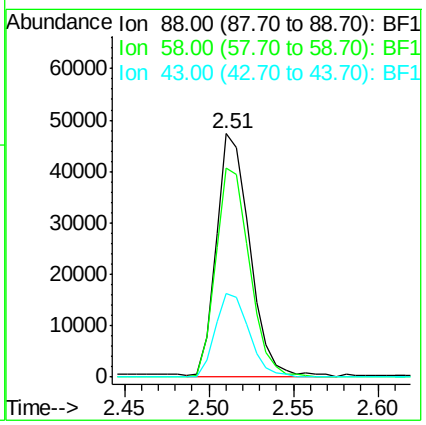


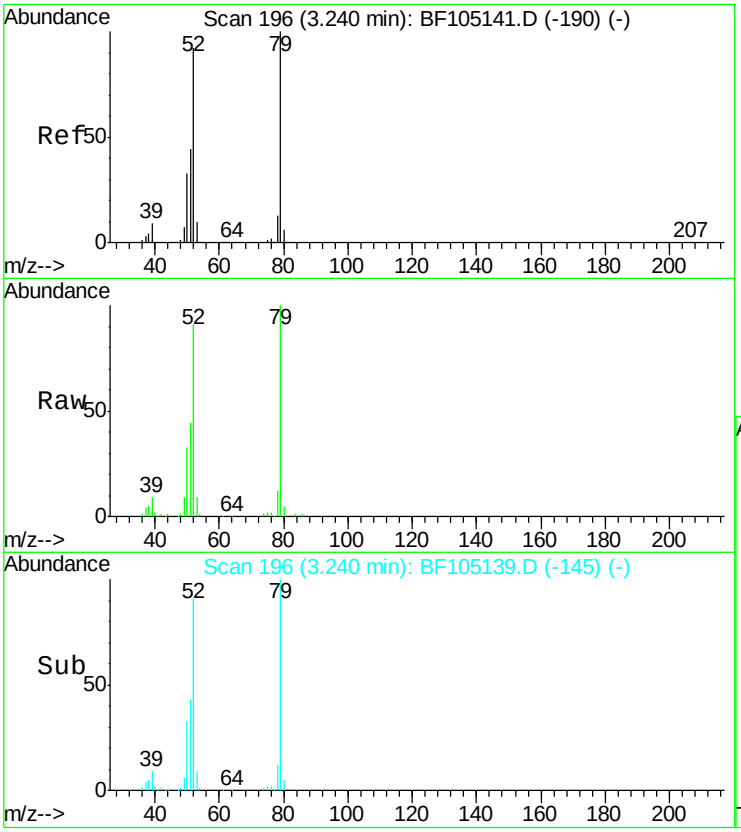




#2
1,4-Dioxane
Concen: 10.851 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 88 Resp: 65805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 86.0 | 62.6 | 93.8 |
| 43 | 34.3 | 24.6 | 37.0 |



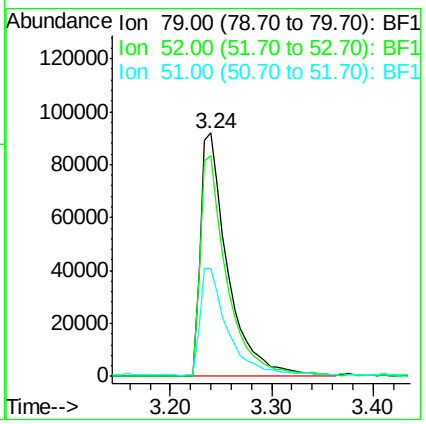


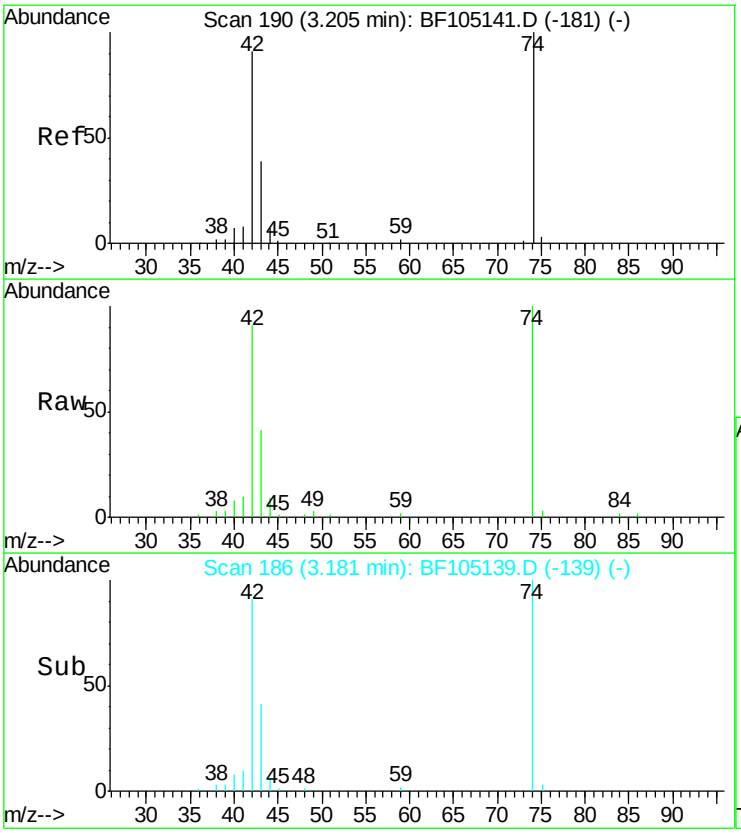

#3
Pyridine
Concen: 10.037 ng
RT: 3.24 min Scan# 196
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion: 79 Resp: 171140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 90.7 | 59.8 | 89.6# |
| 51 | 44.1 | 29.8 | 44.8 |

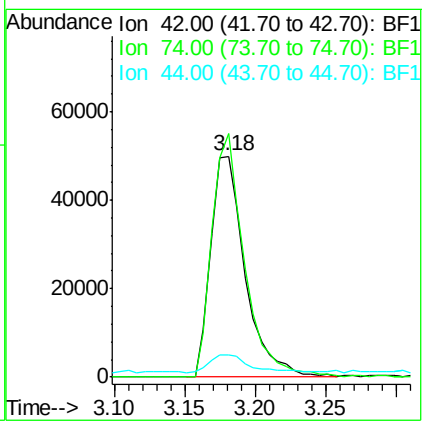


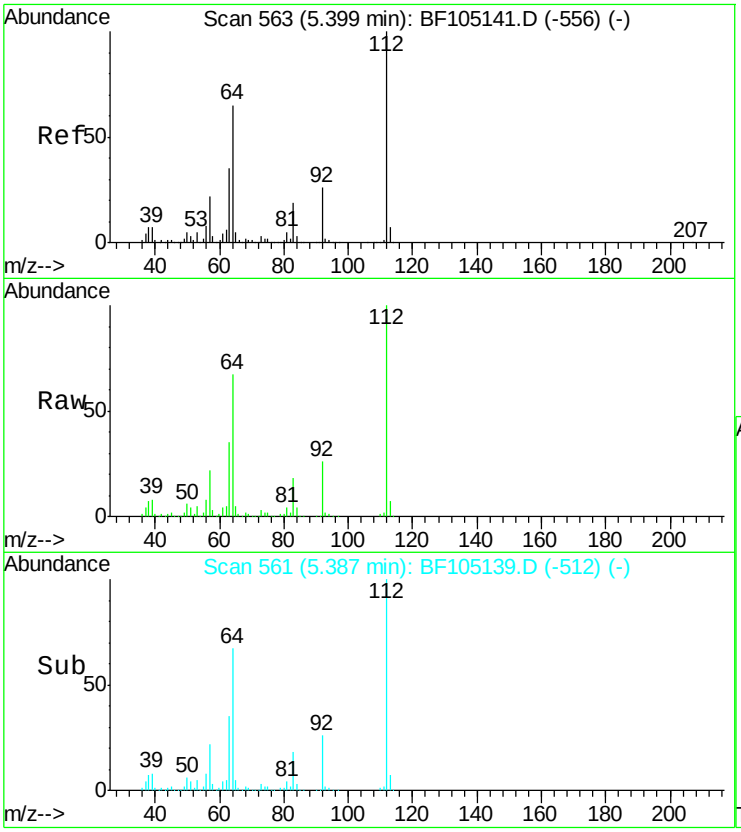




#4
n-Nitrosodimethylamine
Concen: 14.270 ng
RT: 3.18 min Scan# 186
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 42 Resp: 85052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 110.1 | 104.9 | 157.3 |
| 44 | 10.0 | 6.9 | 10.3 |



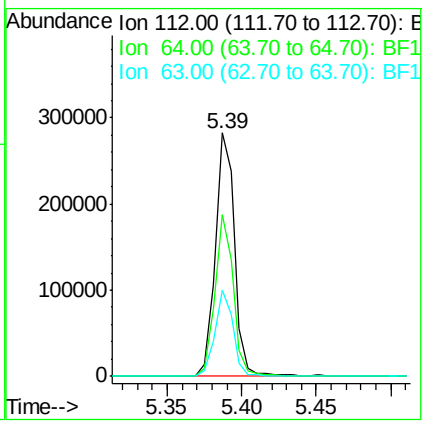


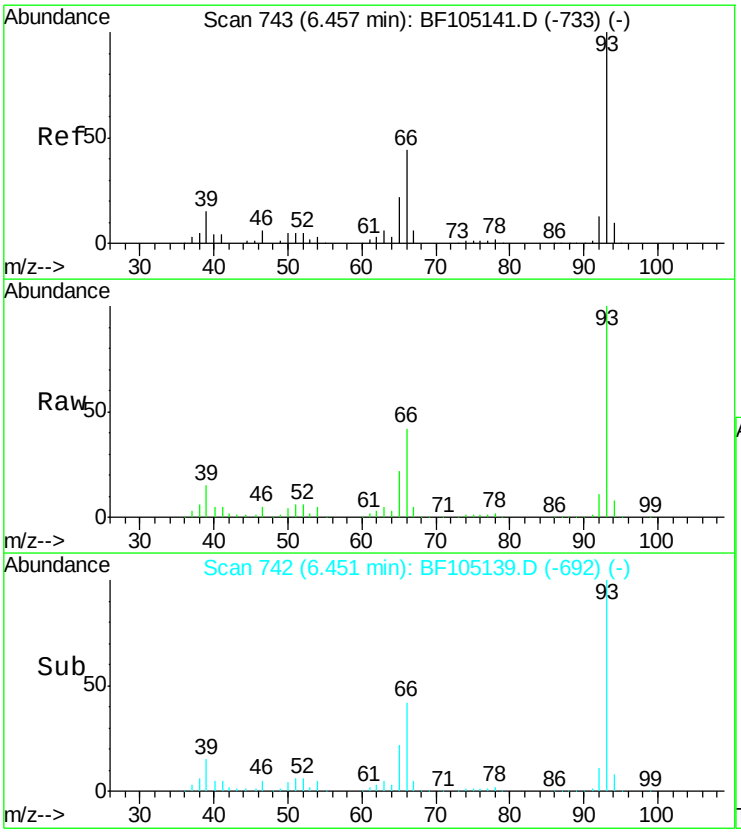

#5
2-Fluorophenol
Concen: 19.589 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:112 Resp: 254955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.6 | 47.9 | 71.9 |
| 63 | 35.5 | 23.7 | 35.5 |

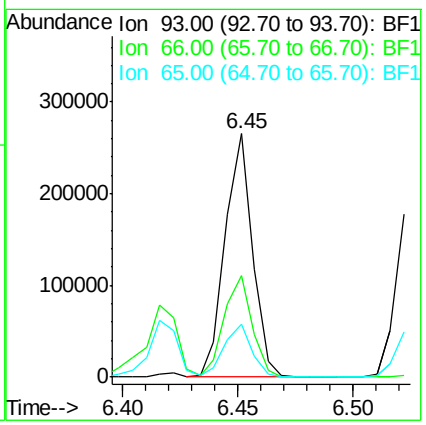


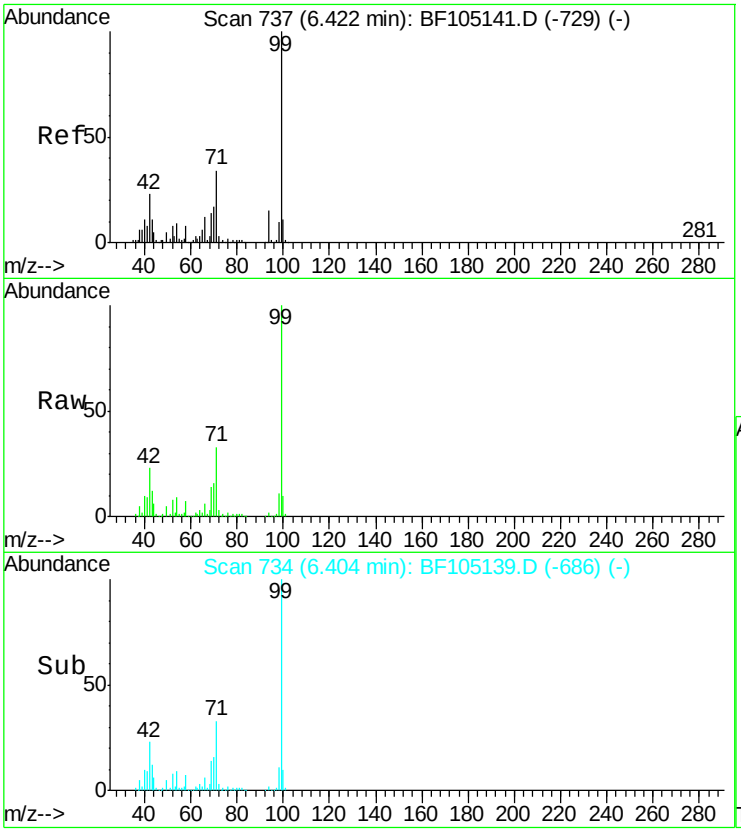




#6
Aniline
Concen: 9.885 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 93 Resp: 219614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.7 | 32.2 | 48.2 |
| 65 | 21.9 | 16.4 | 24.6 |



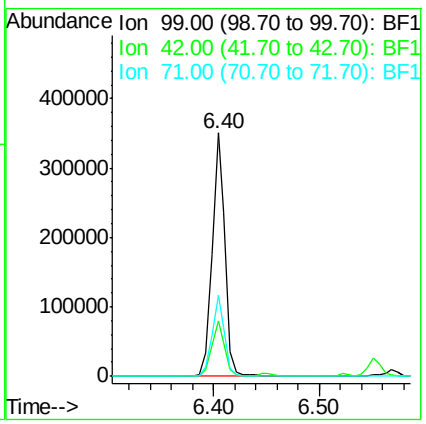


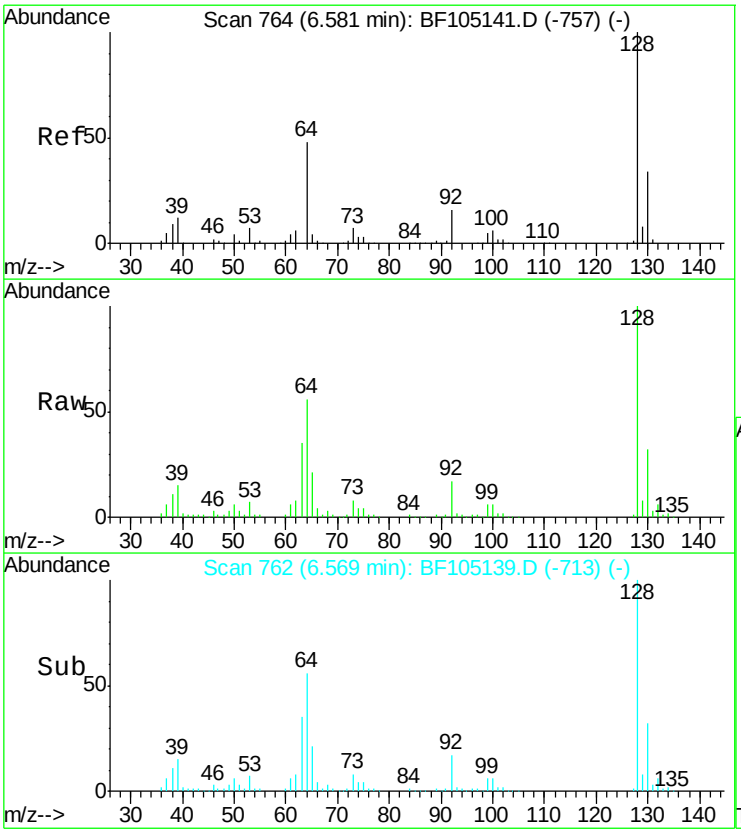

#7
Phenol-d6
Concen: 18.898 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion: 99 Resp: 302204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.0 | 14.5 | 21.7# |
| 71 | 33.5 | 25.4 | 38.0 |

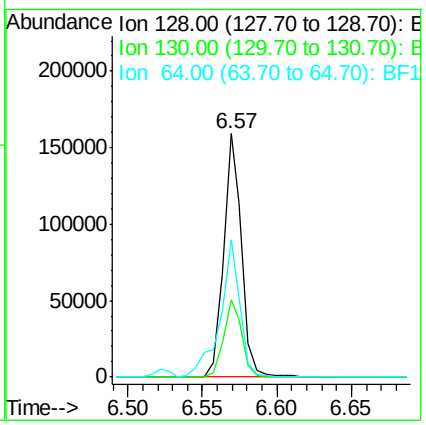


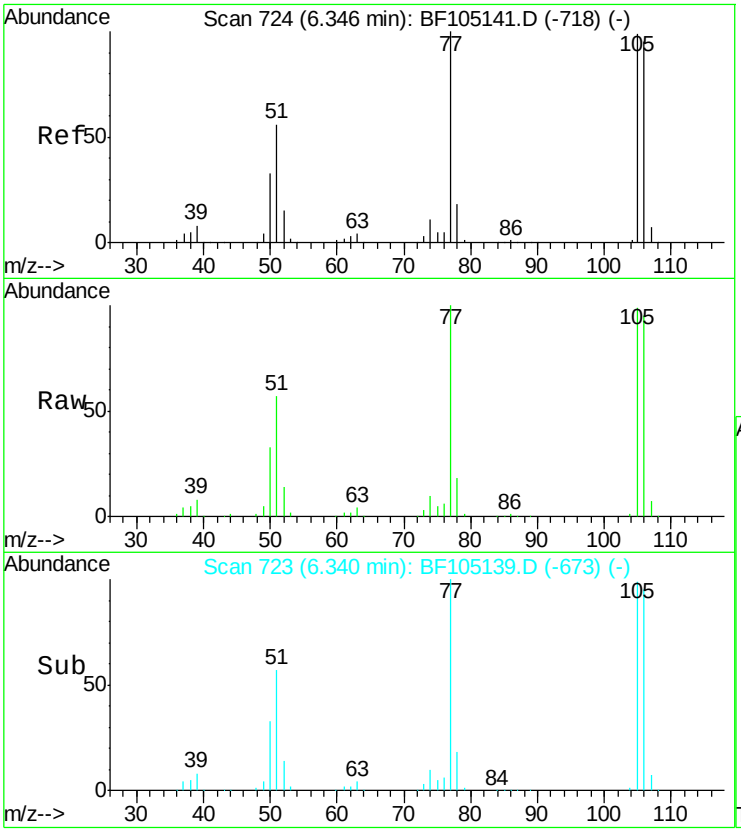




#8
2-Chlorophenol
Concen: 9.828 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:128 Resp: 135012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.7 | 13.0 | 53.0 |
| 64 | 56.4 | 29.4 | 69.4 |



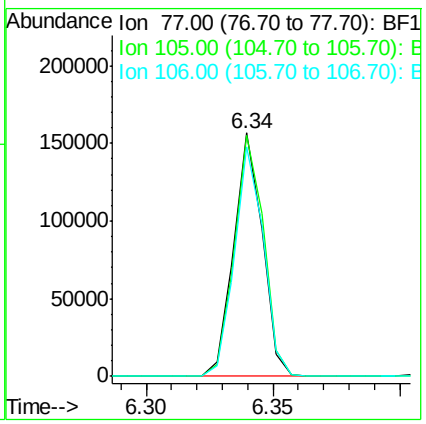


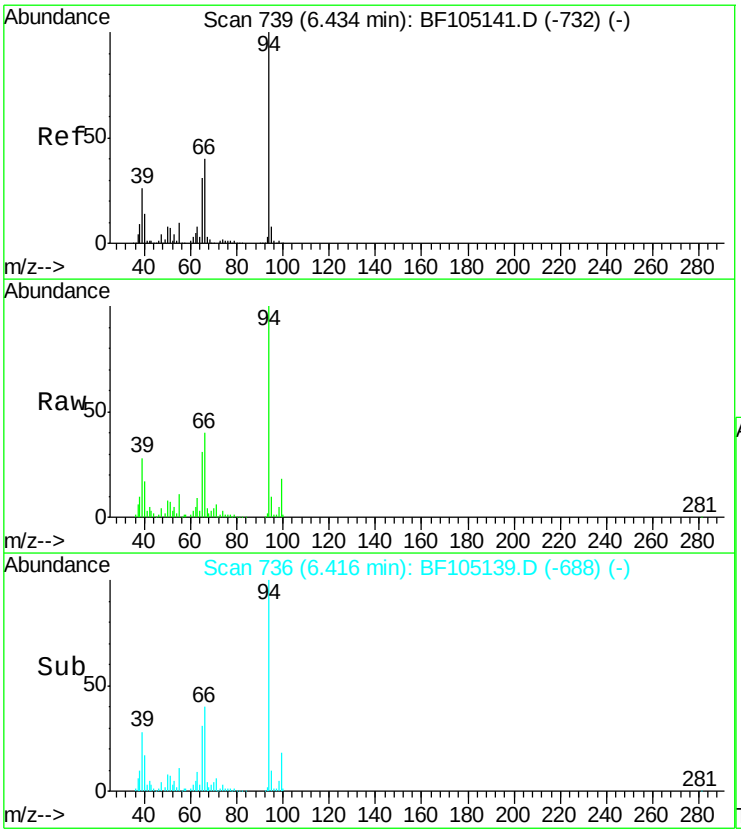

#9
Benzaldehyde
Concen: 15.403 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion: 77 Resp: 122918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.9 | 81.1 | 121.1 |
| 106 | 94.5 | 74.5 | 114.5 |

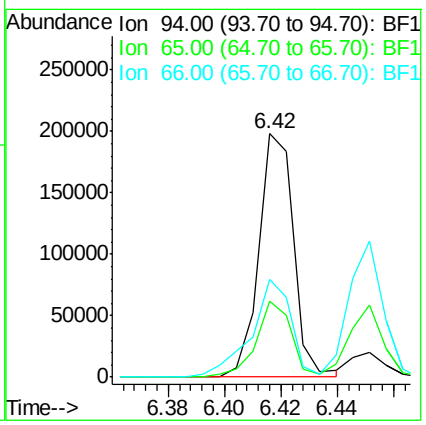


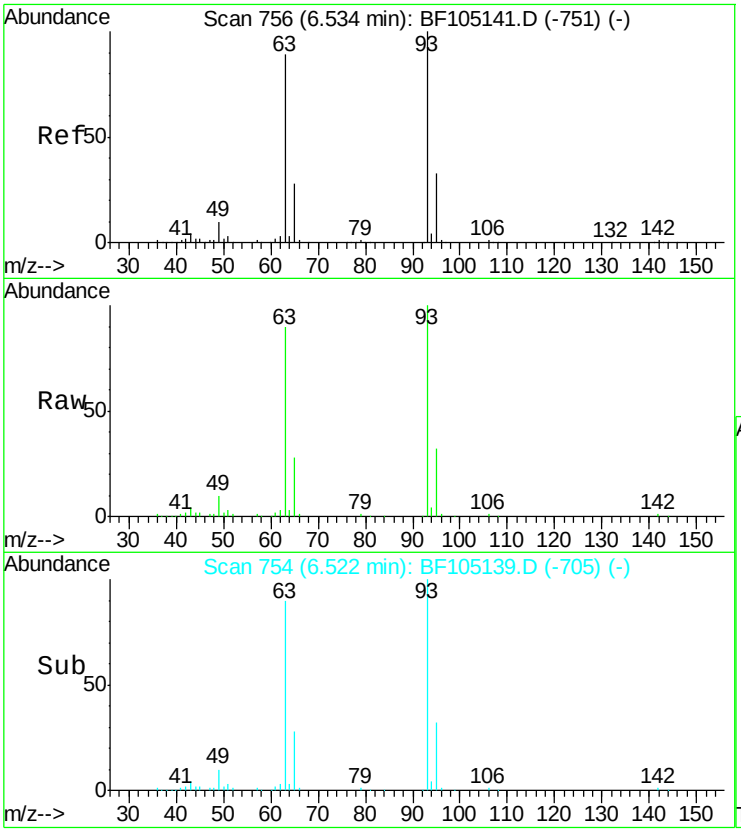




#10
Phenol
Concen: 9.950 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 94 Resp: 168831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.2 | 7.9 | 47.9 |
| 66 | 39.9 | 16.2 | 56.2 |



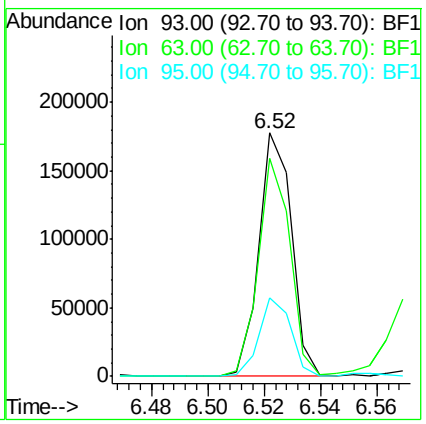


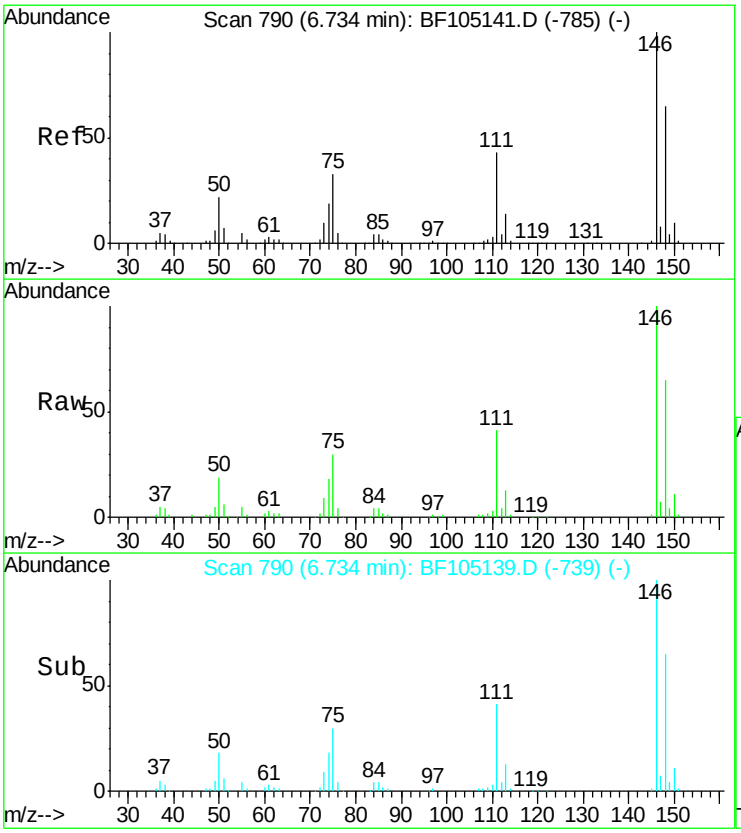

#11
bis(2-Chloroethyl)ether
Concen: 10.541 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion: 93 Resp: 142723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 89.8 | 58.6 | 98.6 |
| 95 | 32.4 | 11.8 | 51.8 |

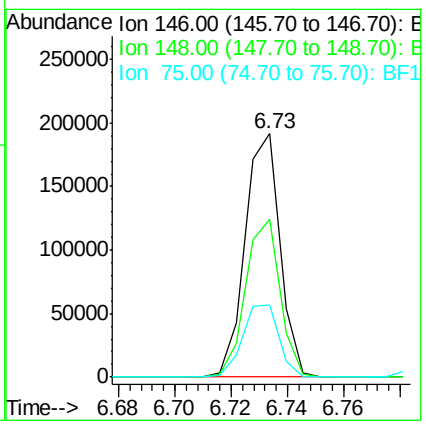


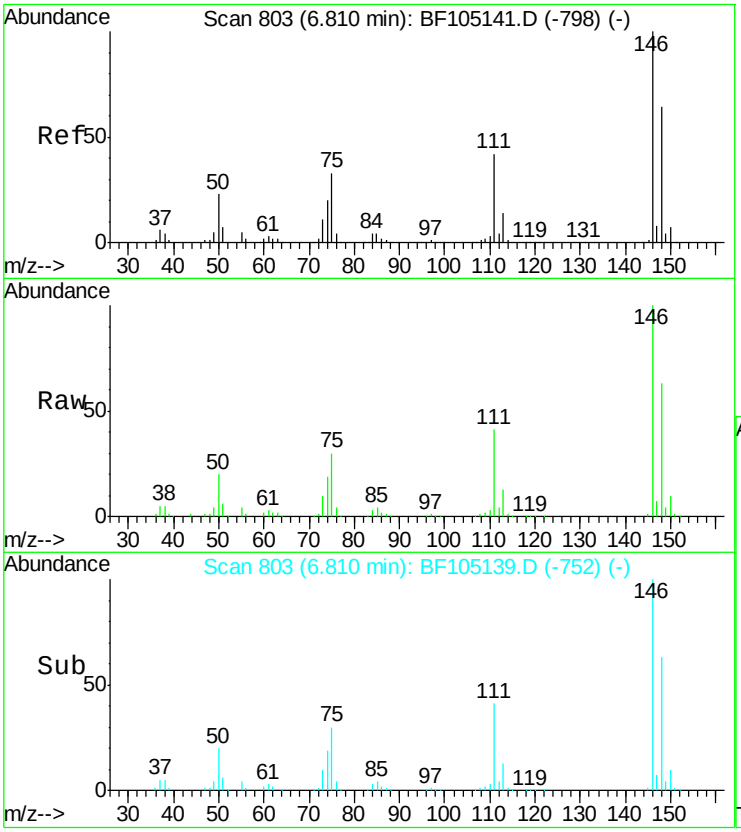




#12
1,3-Dichlorobenzene
Concen: 10.595 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:146 Resp: 164880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.8 | 77.8 |
| 75 | 29.6 | 24.2 | 36.4 |



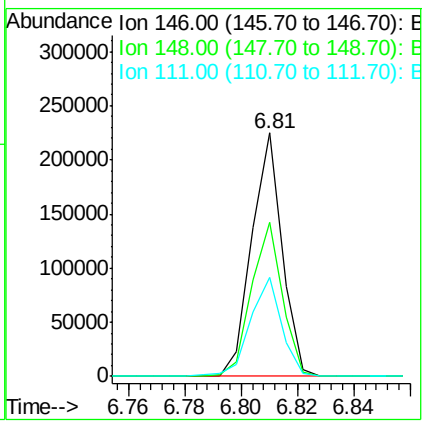


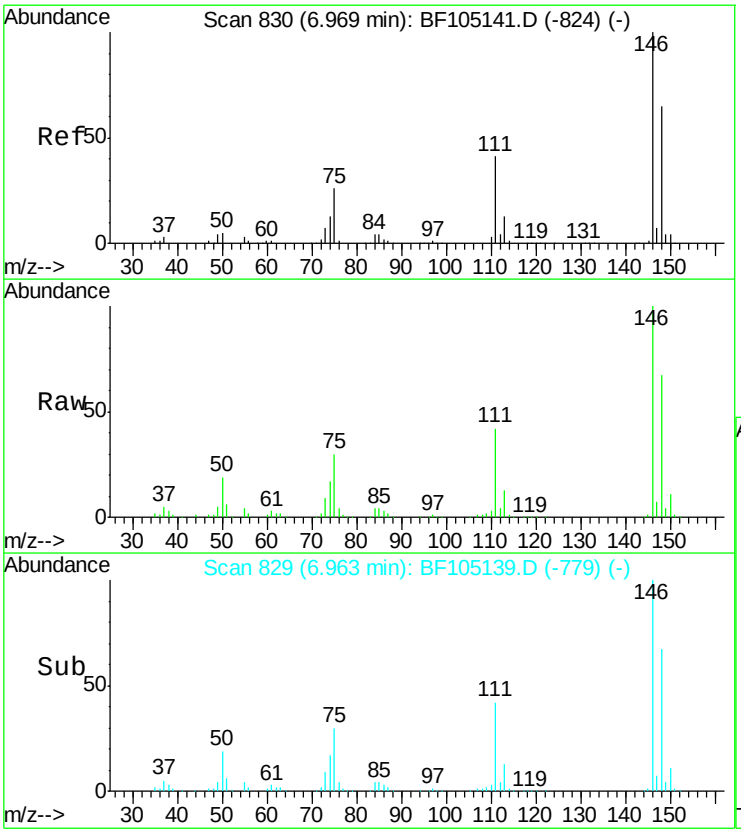

#13
1,4-Dichlorobenzene
Concen: 10.819 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:146 Resp: 167841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.8 | 76.2 |
| 111 | 40.8 | 34.2 | 51.2 |

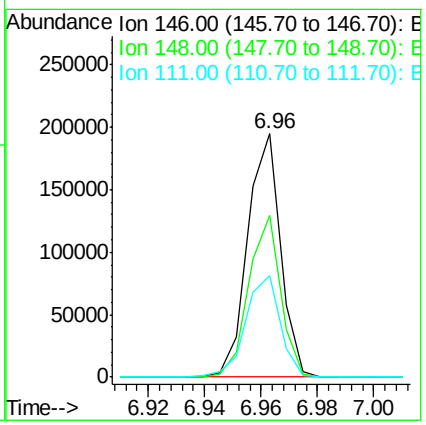


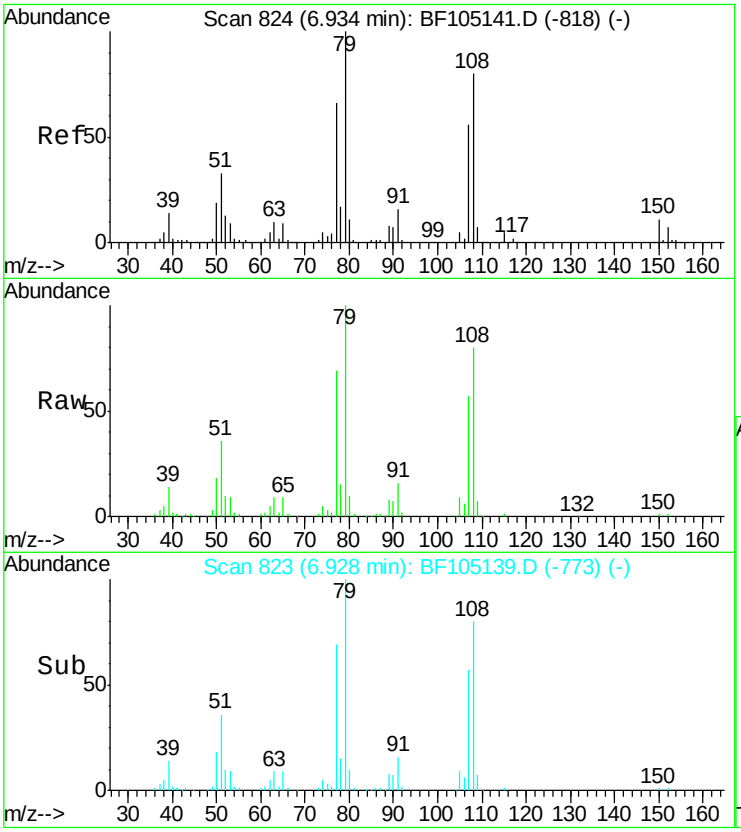




#14
1,2-Dichlorobenzene
Concen: 10.894 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:146 Resp: 156609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.6 | 50.6 | 75.8 |
| 111 | 41.9 | 36.0 | 54.0 |



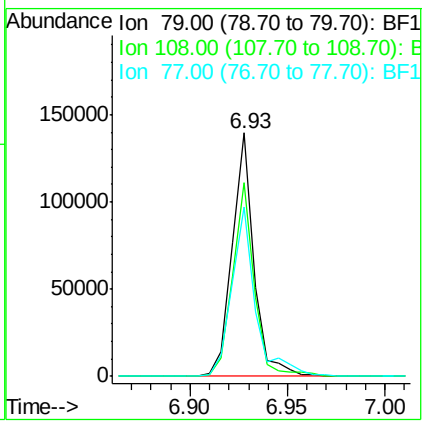


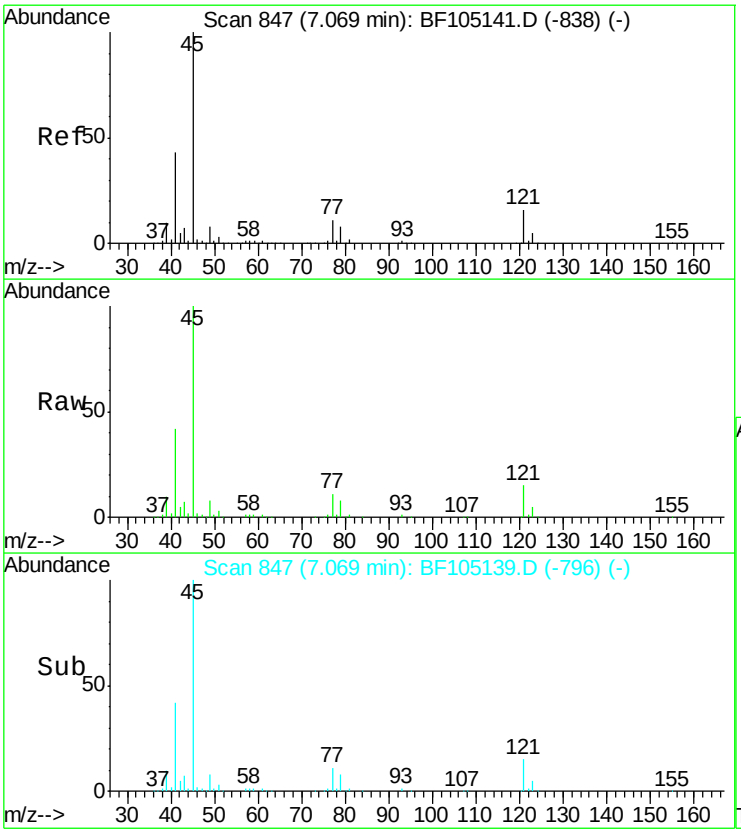

#15
Benzyl Alcohol
Concen: 8.886 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion: 79 Resp: 107933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 79.6 | 65.1 | 97.7 |
| 77 | 69.3 | 50.6 | 75.8 |

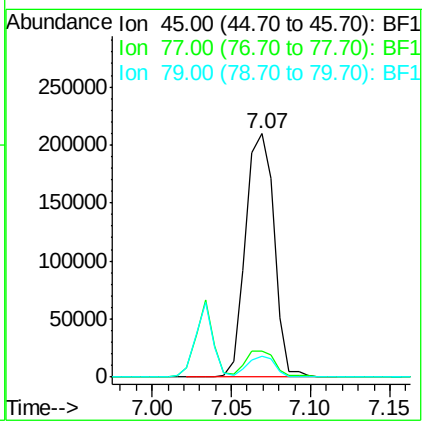


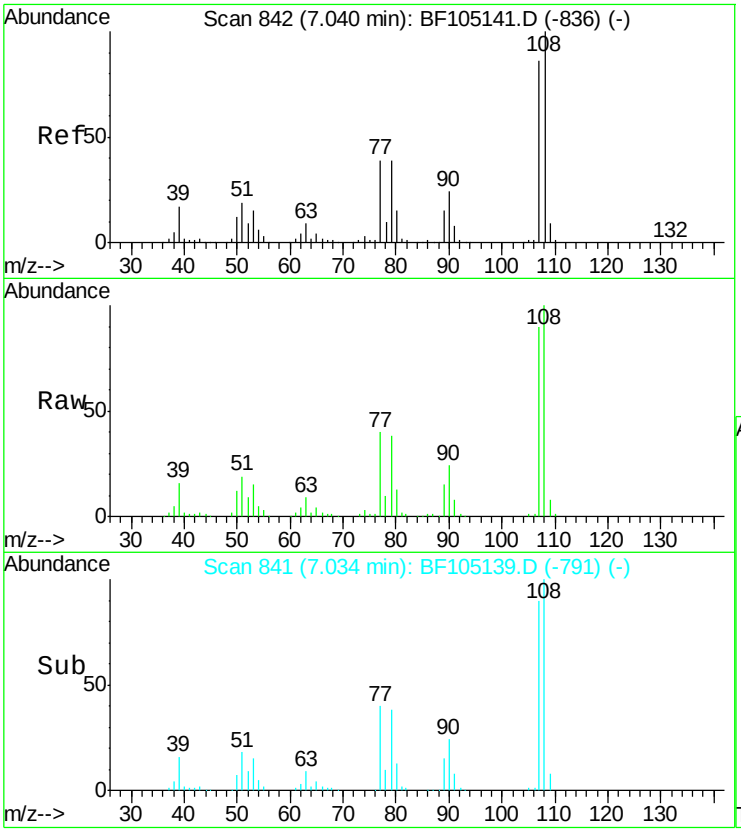




#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.418 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 45 Resp: 262168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.8 | 0.0 | 32.9 |
| 79 | 8.5 | 0.0 | 29.6 |



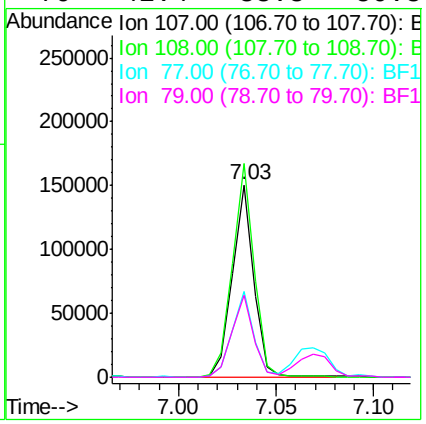


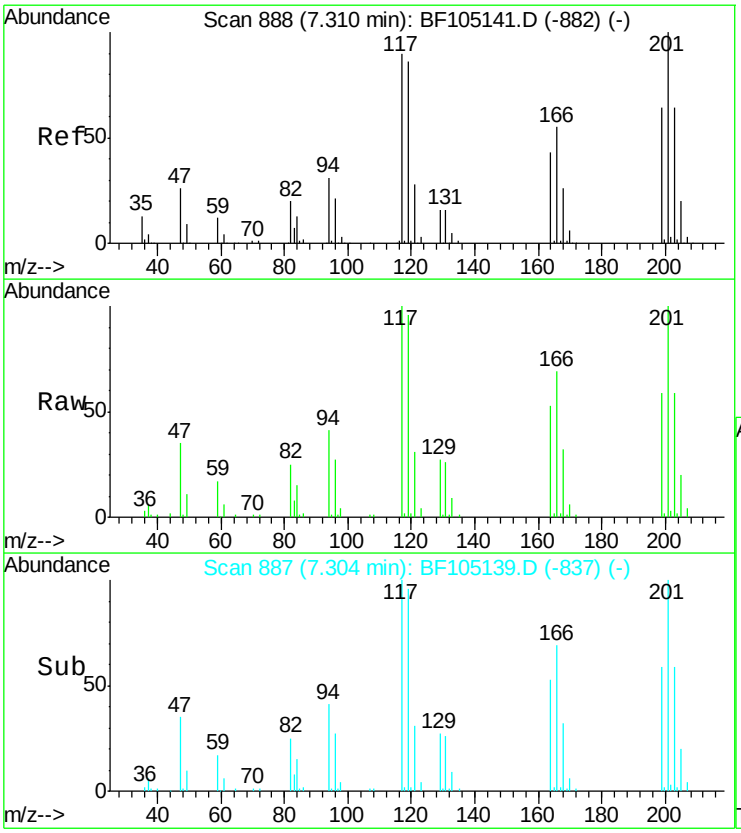

#17
2-Methylphenol
Concen: 9.660 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:107 Resp: 115351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.9 | 91.7 | 137.5 |
| 77 | 44.3 | 33.8 | 50.8 |
| 79 | 42.4 | 33.8 | 50.8 |

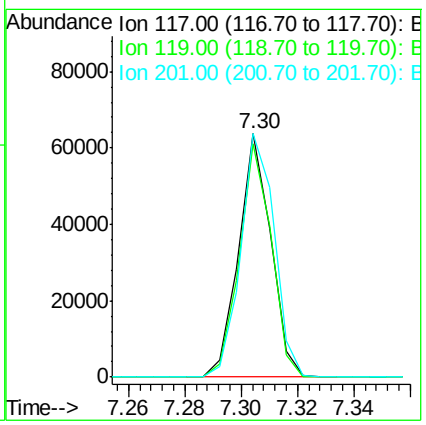


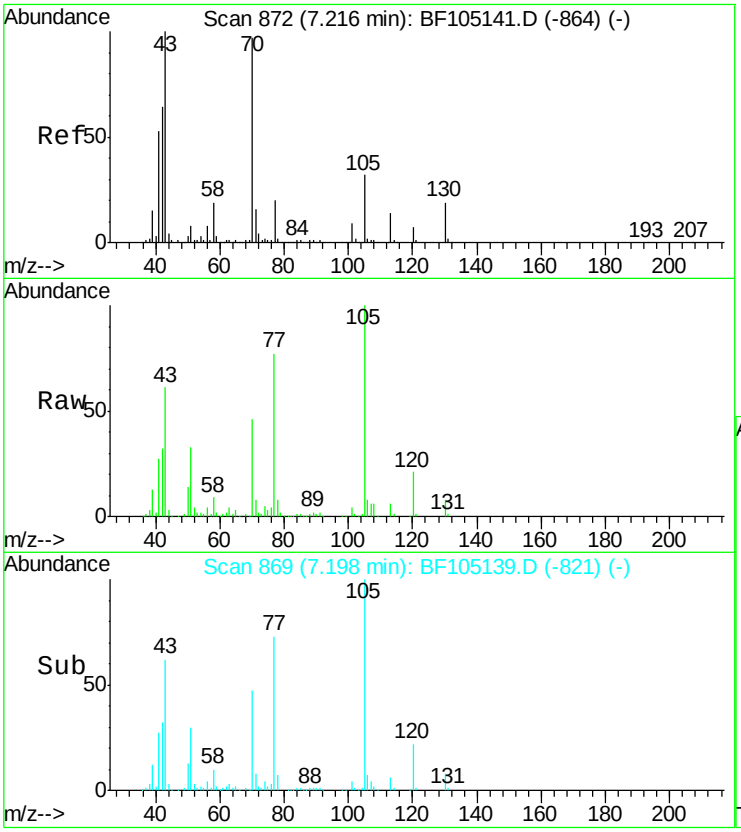




#18
Hexachloroethane
Concen: 9.097 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:117 Resp: 50315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.8 | 75.8 | 113.8 |
| 201 | 100.1 | 75.7 | 113.5 |



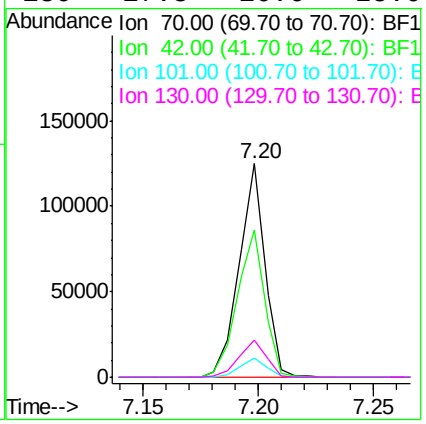


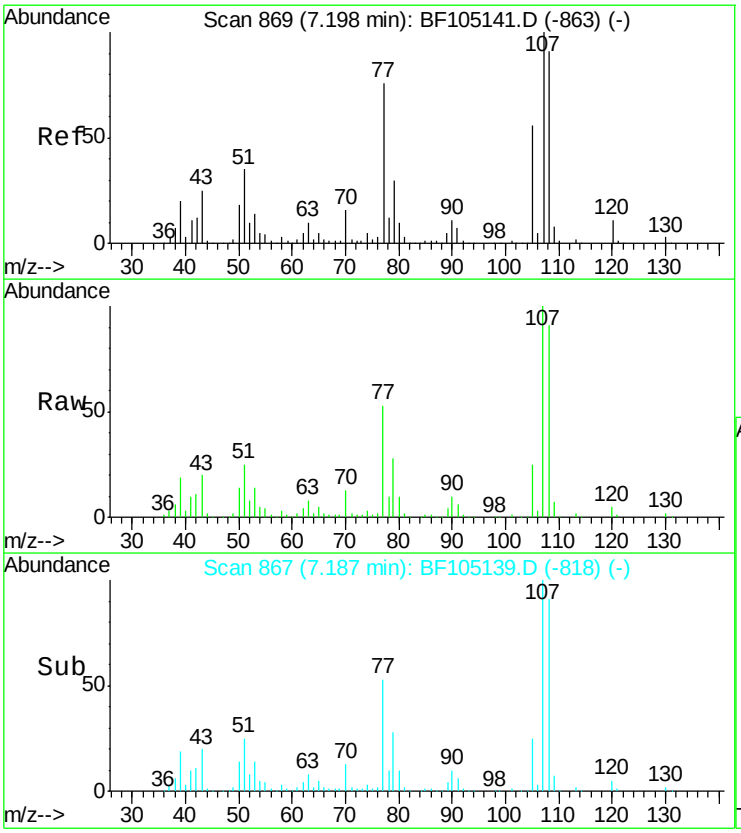

#19
n-Nitroso-di-n-propylamine
Concen: 9.395 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion: 70 Resp: 98179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 69.2 | 47.5 | 71.3 |
| 101 | 9.2 | 7.4 | 11.2 |
| 130 | 17.3 | 16.6 | 25.0 |

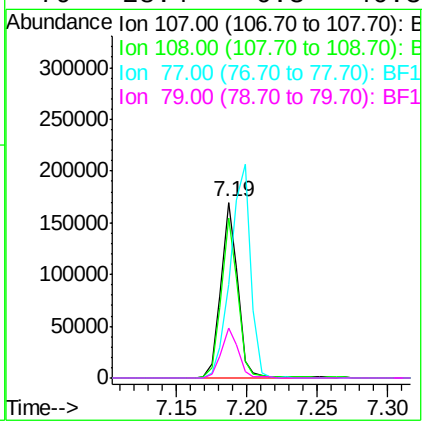


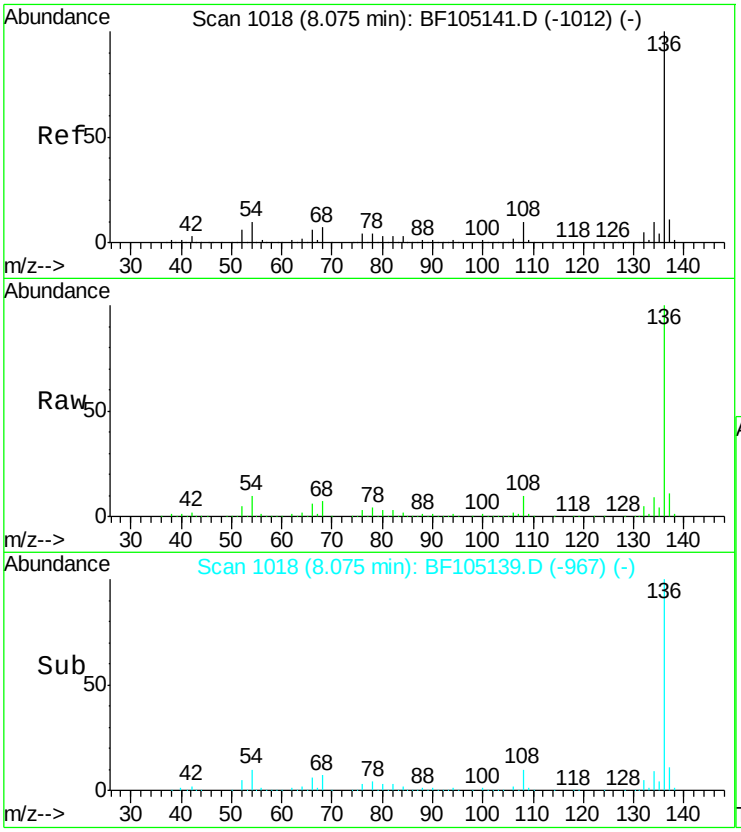




#20
3+4-Methylphenols
Concen: 9.608 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:107 Resp: 142297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.0 | 68.2 | 108.2 |
| 77 | 53.4 | 26.7 | 66.7 |
| 79 | 28.4 | 6.3 | 46.3 |



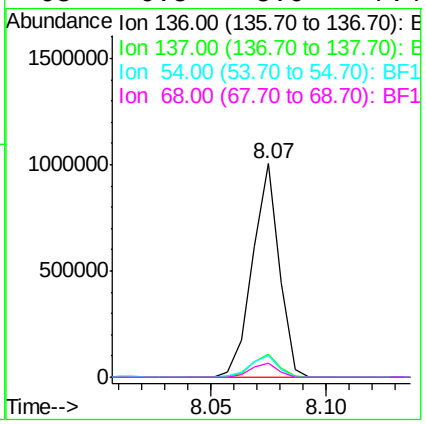


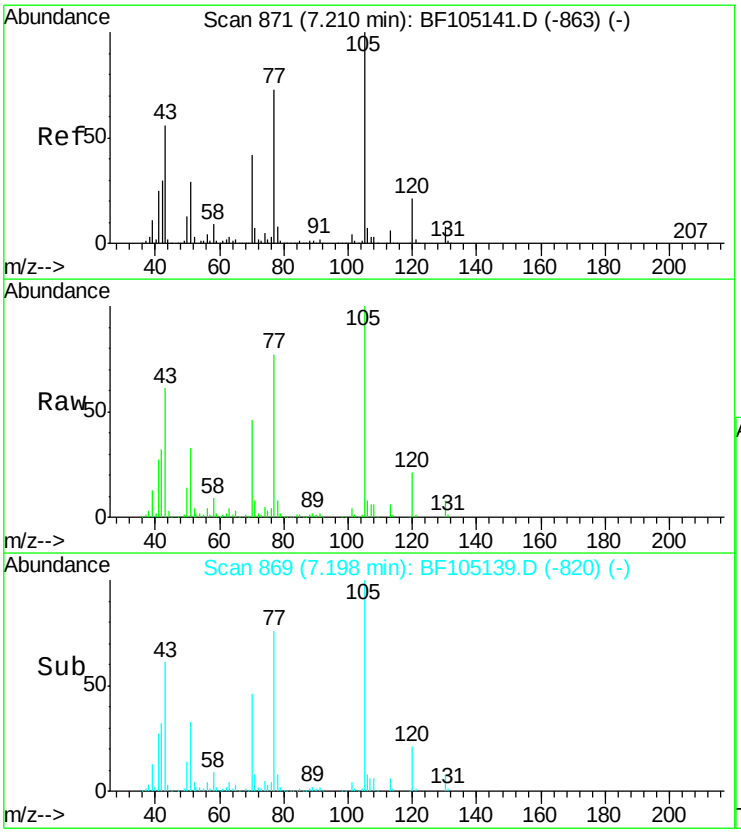

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:136 Resp: 813794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.9 | 13.3 |
| 54 | 10.0 | 6.6 | 9.8# |
| 68 | 6.5 | 5.0 | 7.4 |

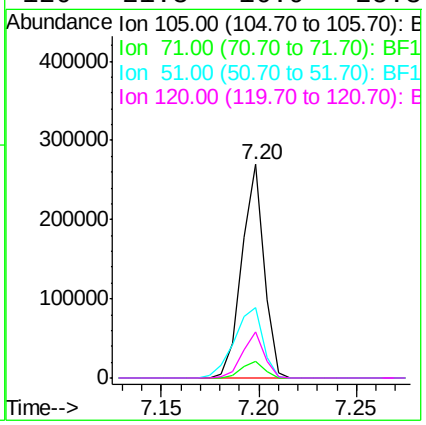


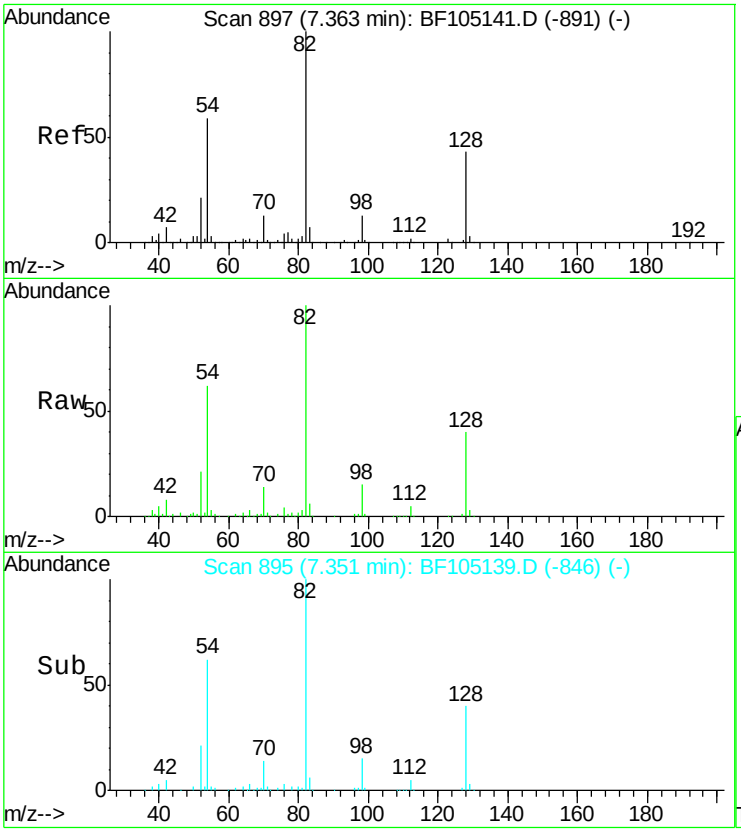




#22
Acetophenone
Concen: 10.607 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:105 Resp: 212503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.5 | 4.4 | 6.6# |
| 51 | 32.8 | 22.3 | 33.5 |
| 120 | 21.3 | 16.9 | 25.3 |



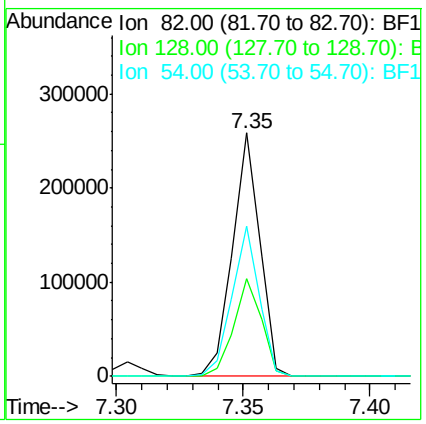


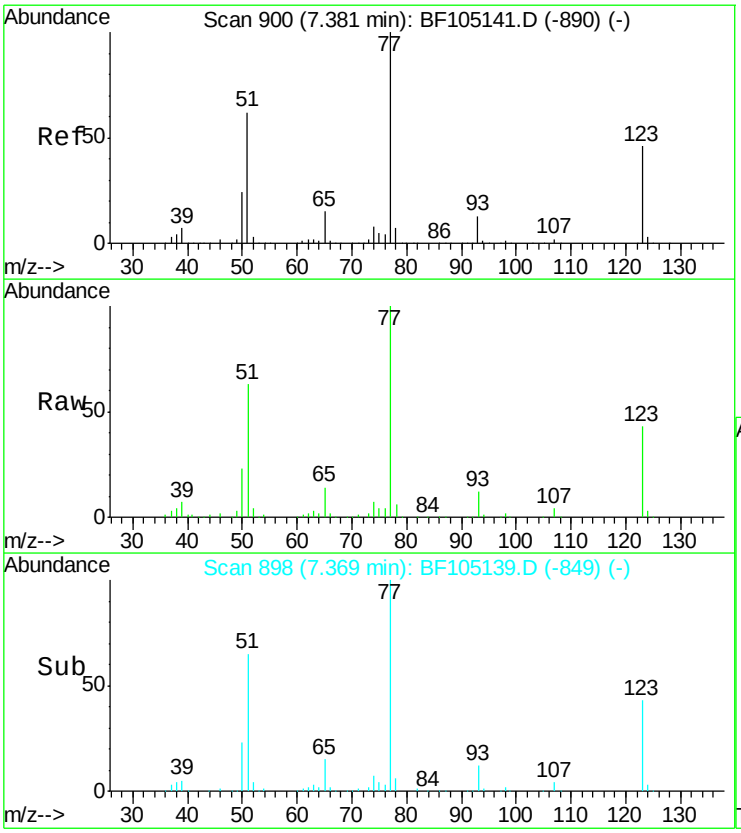

#23
Nitrobenzene-d5
Concen: 15.548 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion: 82 Resp: 193769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.9 | 36.1 | 54.1 |
| 54 | 61.9 | 41.4 | 62.2 |

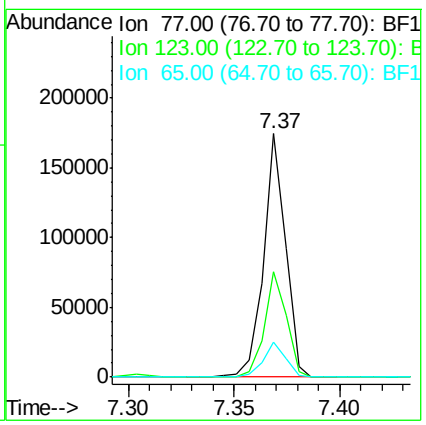


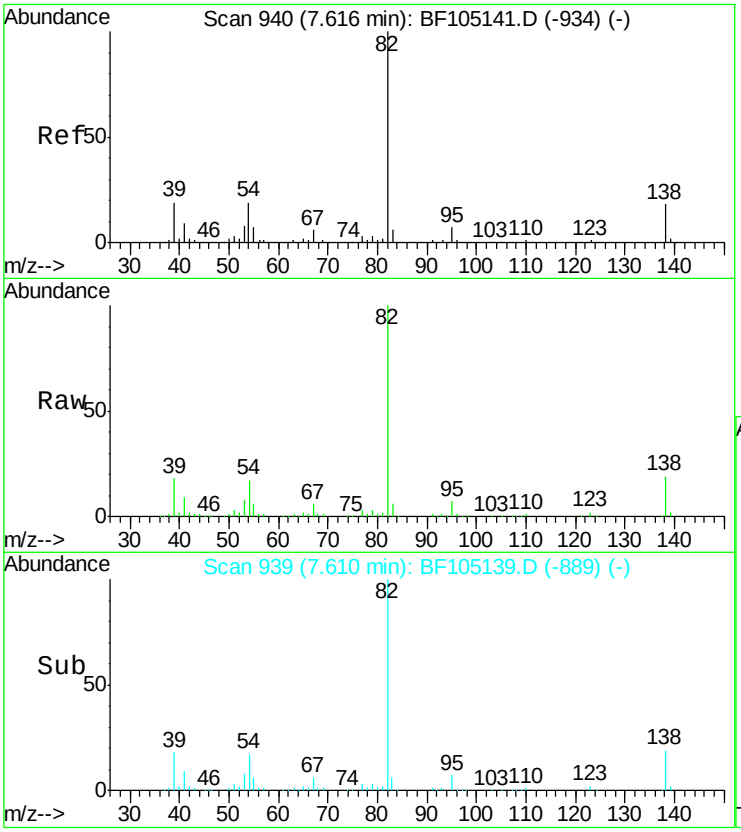




#24
Nitrobenzene
Concen: 9.162 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 77 Resp: 126071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.2 | 37.9 | 56.9 |
| 65 | 14.2 | 11.0 | 16.4 |

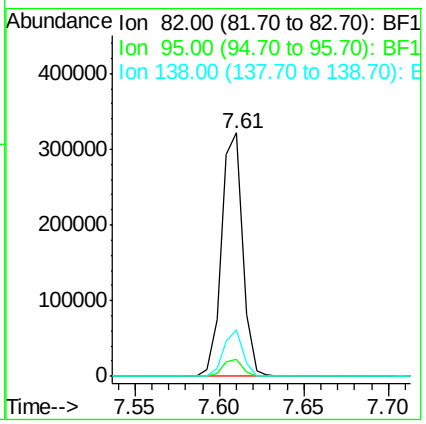




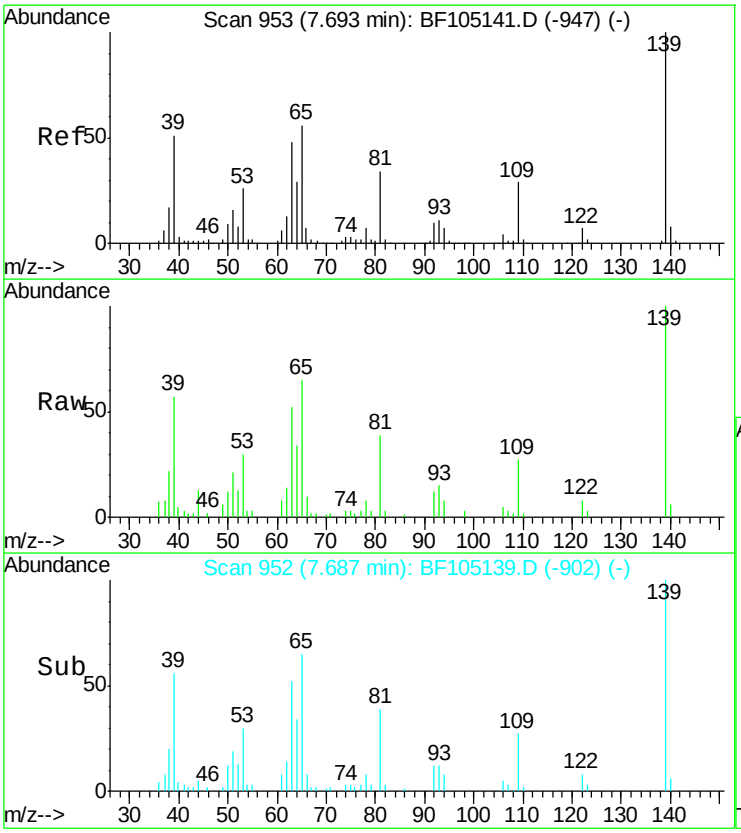

#25
Isophorone
Concen: 10.615 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 82 Resp: 279763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.2 | 7.8 |
| 138 | 19.0 | 14.9 | 22.3 |



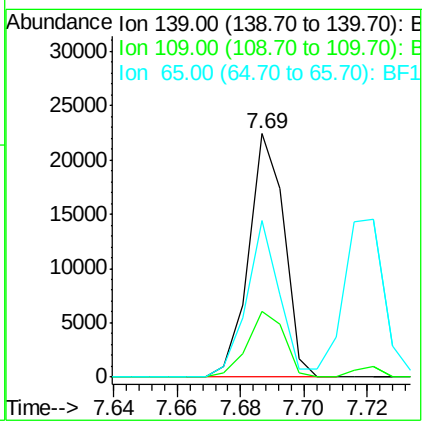

**Instrument :**
BNA_F
**ClientSampleId :**

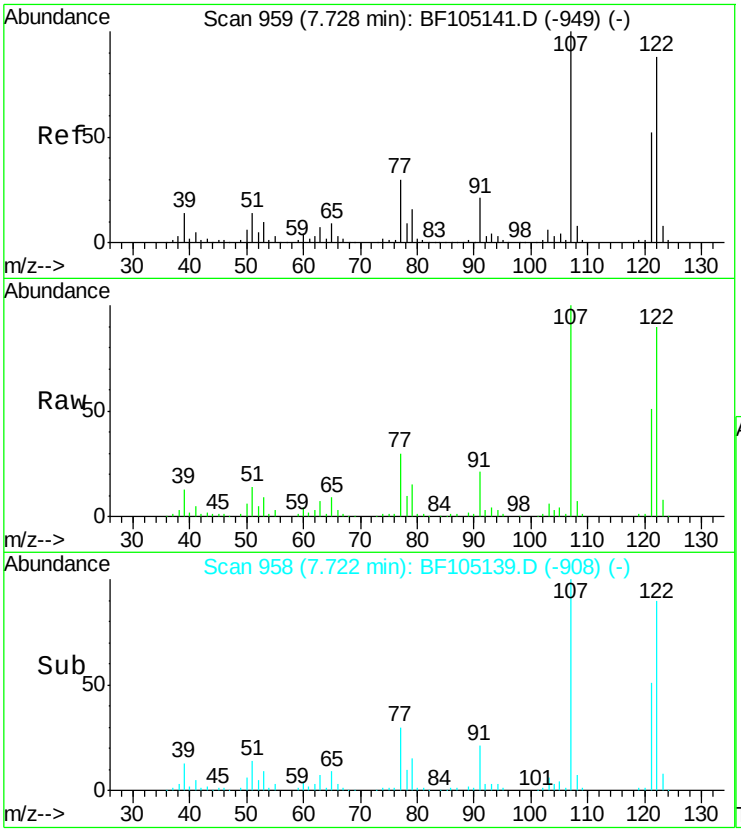



#26
2-Nitrophenol
Concen: 3.105 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:139 Resp: 17392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.9 | 22.7 | 34.1 |
| 65 | 64.5 | 40.5 | 60.7# |



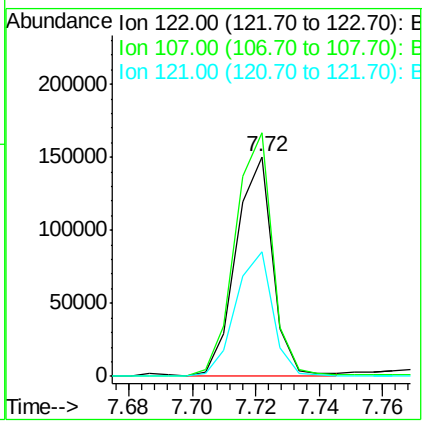


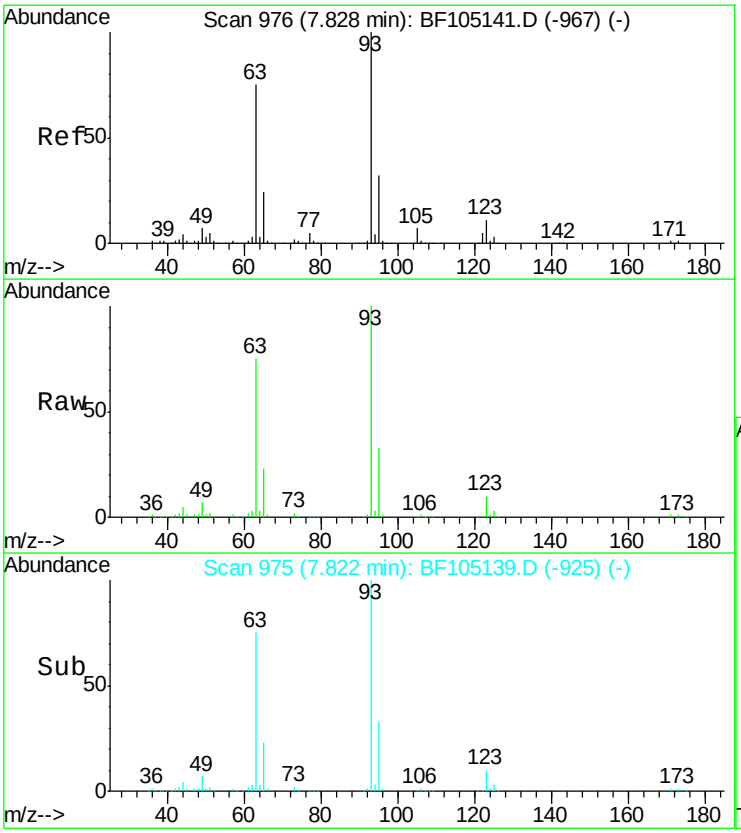

#27
2,4-Dimethylphenol
Concen: 10.417 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:122 Resp: 121158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 110.8 | 91.2 | 136.8 |
| 121 | 56.8 | 47.2 | 70.8 |

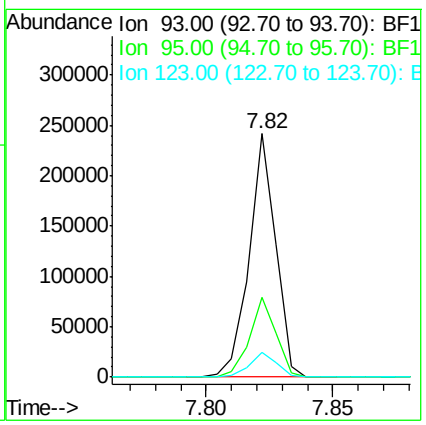


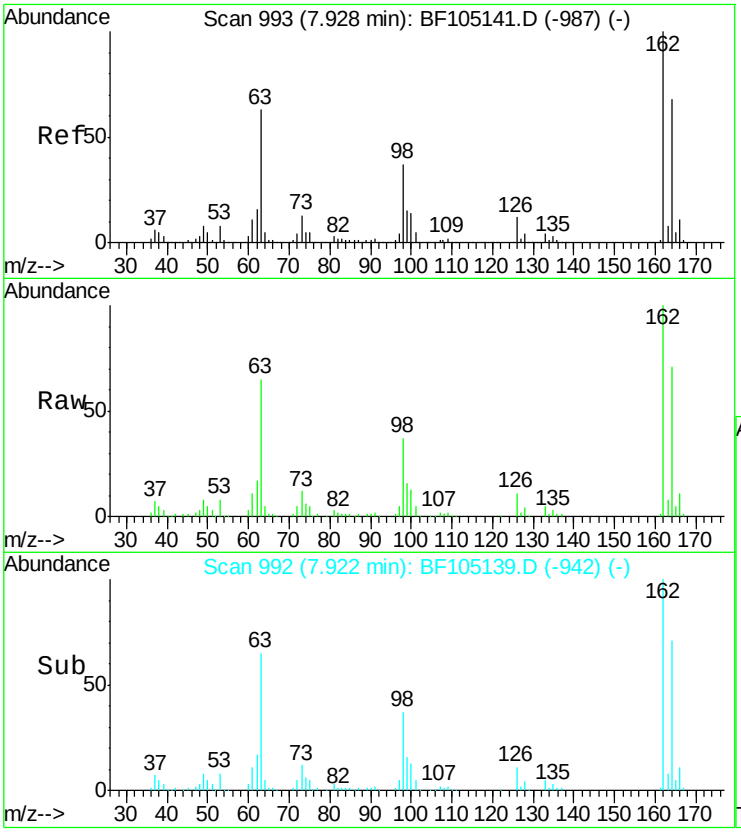




#28
bis(2-Chloroethoxy)methane
Concen: 10.930 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 93 Resp: 176120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.3 | 39.5 |
| 123 | 10.4 | 9.8 | 14.6 |



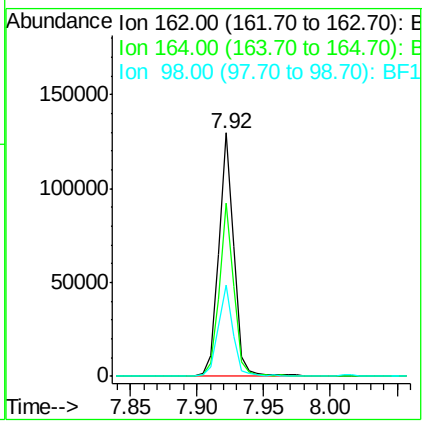


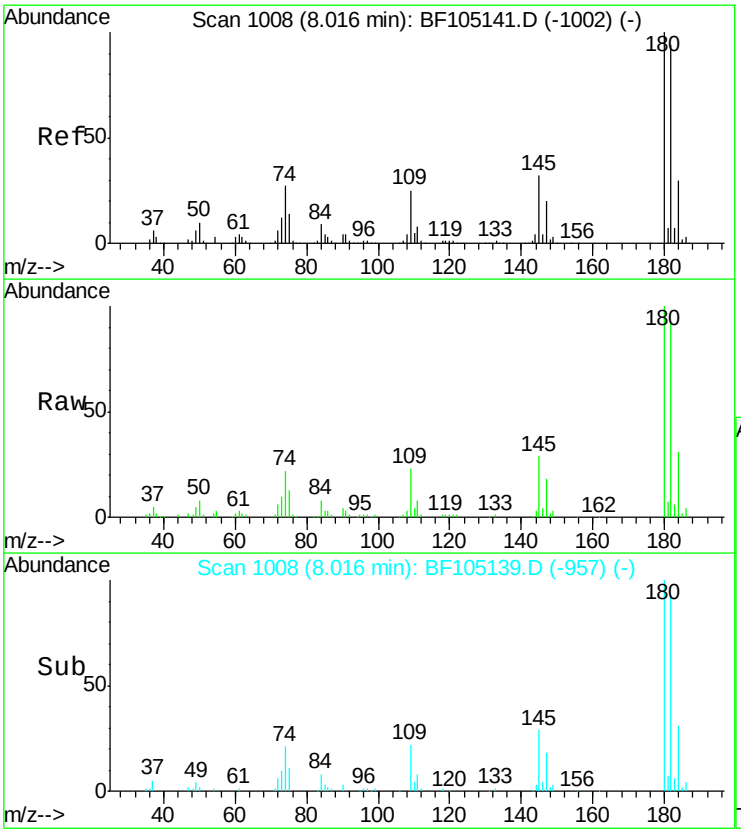

#29
2,4-Dichlorophenol
Concen: 9.419 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:162 Resp: 104528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 71.2 | 42.7 | 82.7 |
| 98 | 37.4 | 18.1 | 58.1 |

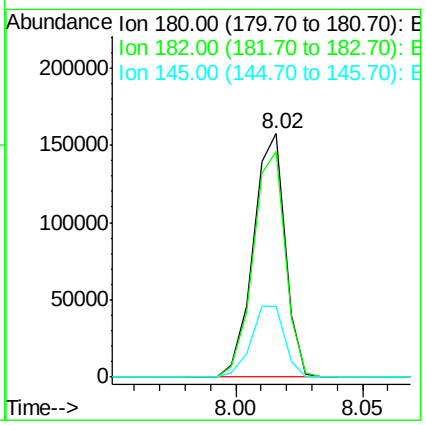


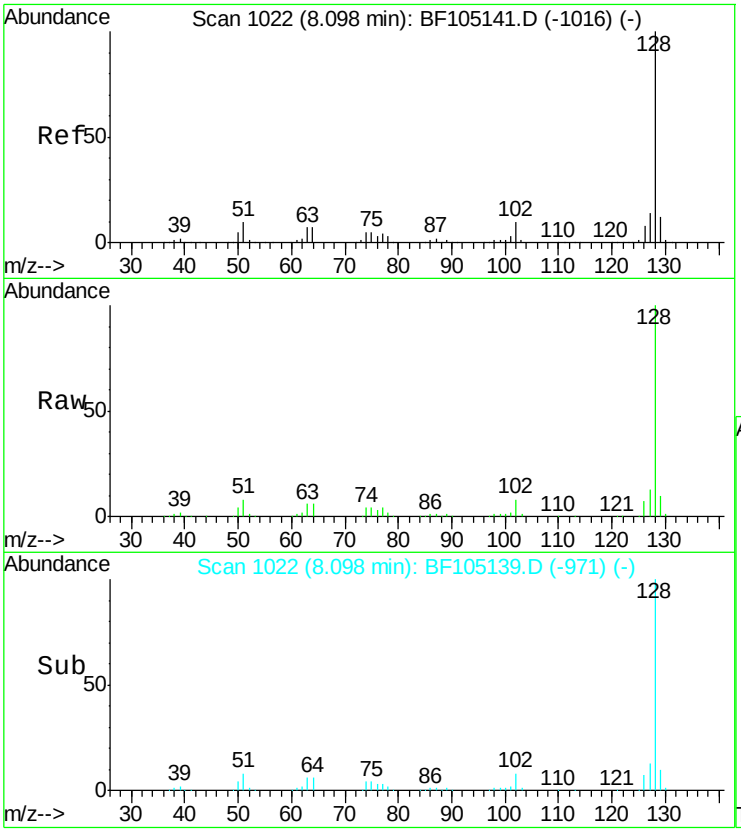




#30
1,2,4-Trichlorobenzene
Concen: 11.403 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:180 Resp: 138879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 92.9 | 76.8 | 115.2 |
| 145 | 29.1 | 26.5 | 39.7 |



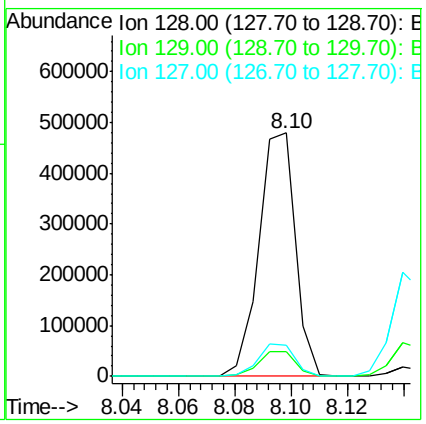


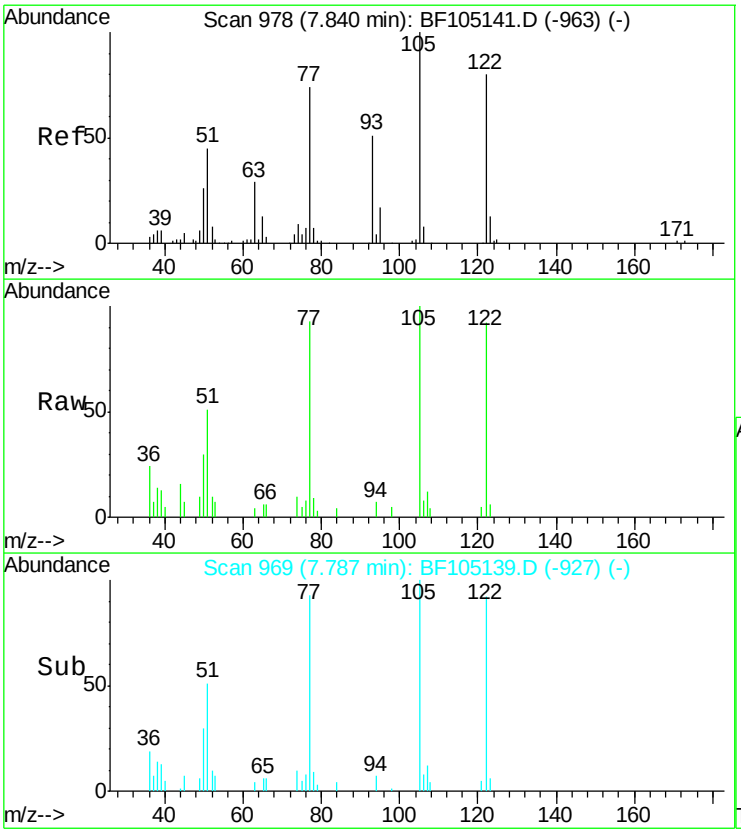

#31
Naphthalene
Concen: 10.612 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:128 Resp: 430034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.2 | 8.8 | 13.2 |
| 127 | 12.7 | 10.9 | 16.3 |

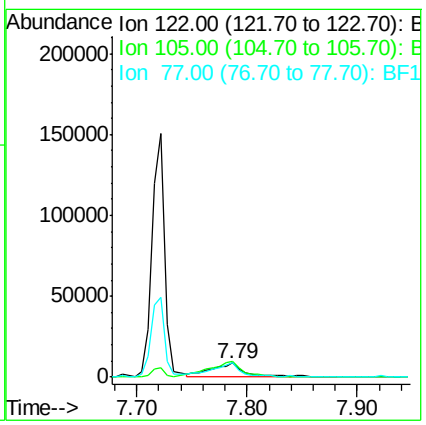


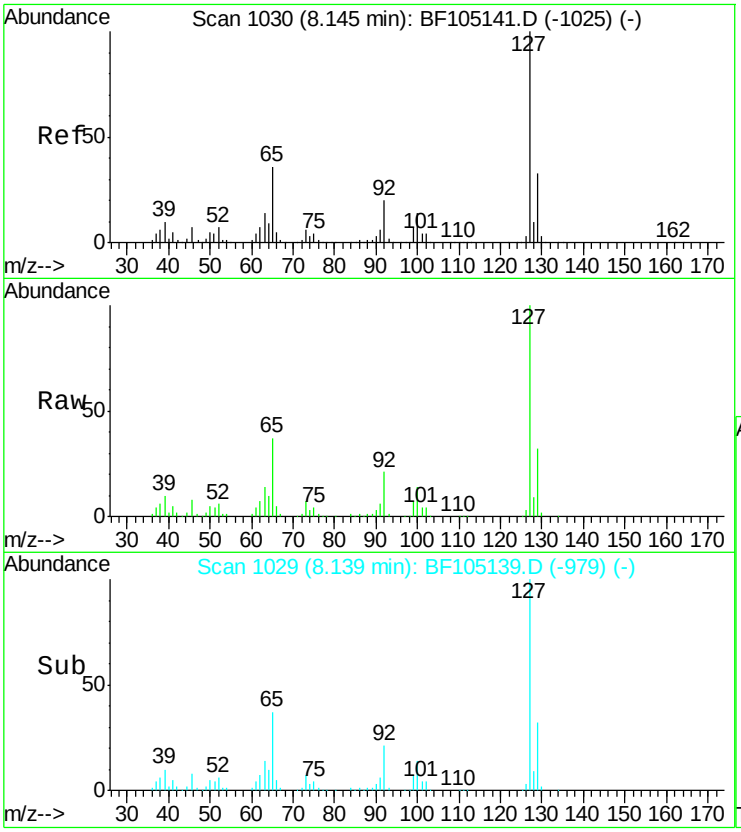




#32
Benzoic acid
Concen: 2.073 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.05 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:122 Resp: 19235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 108.7 | 101.1 | 141.1 |
| 77 | 101.6 | 70.7 | 110.7 |



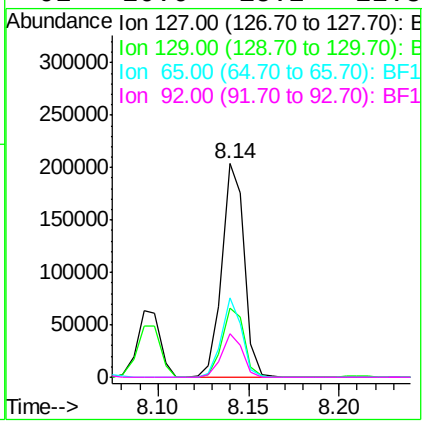


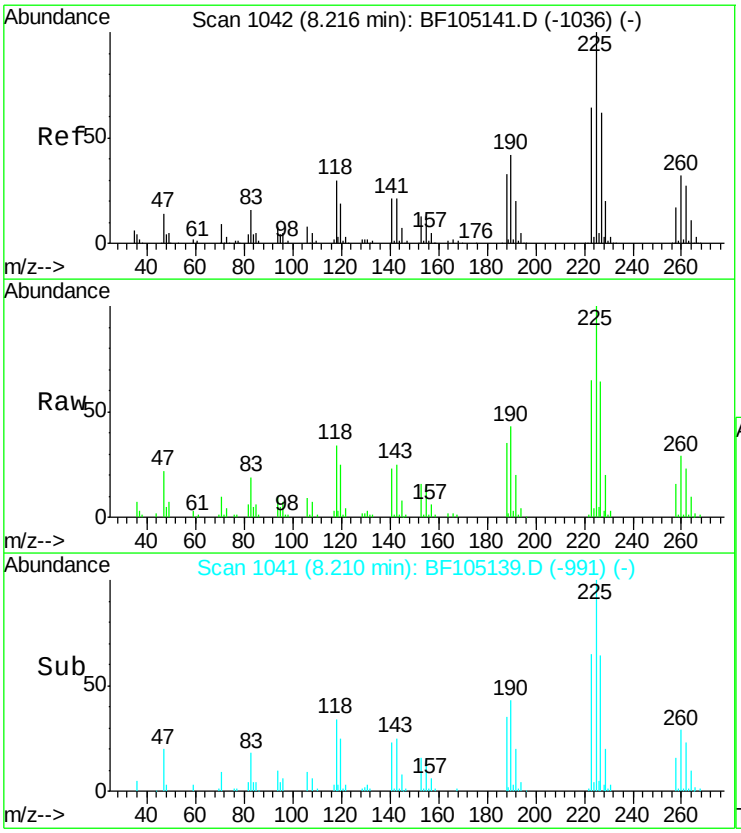

#33
4-Chloroaniline
Concen: 10.102 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:127 Resp: 175383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 25.9 | 38.9 |
| 65 | 37.3 | 25.0 | 37.4 |
| 92 | 20.6 | 15.2 | 22.8 |

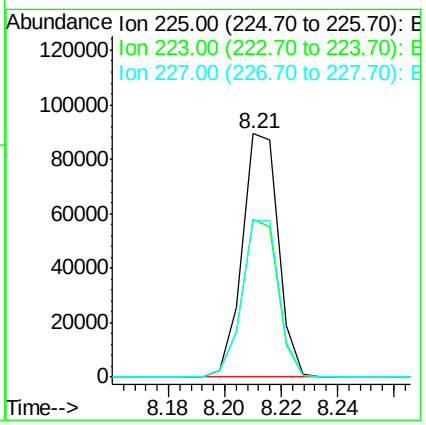


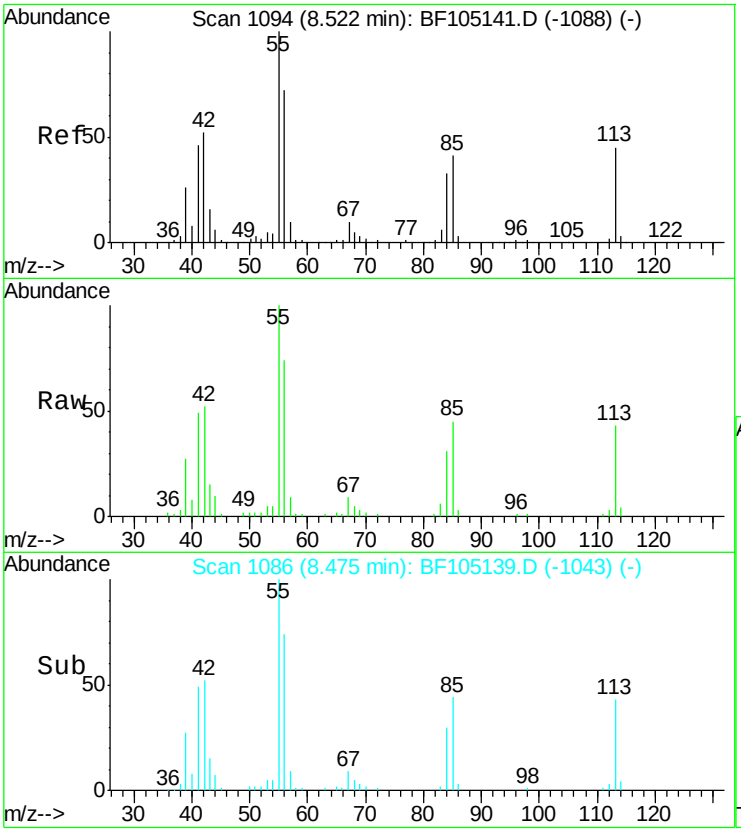




#34
Hexachlorobutadiene
Concen: 11.880 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:225 Resp: 79251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.8 | 50.6 | 76.0 |
| 227 | 64.3 | 51.9 | 77.9 |



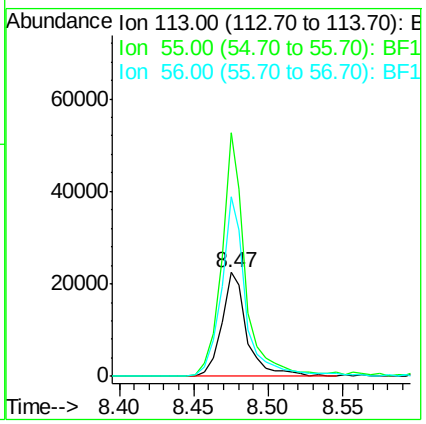


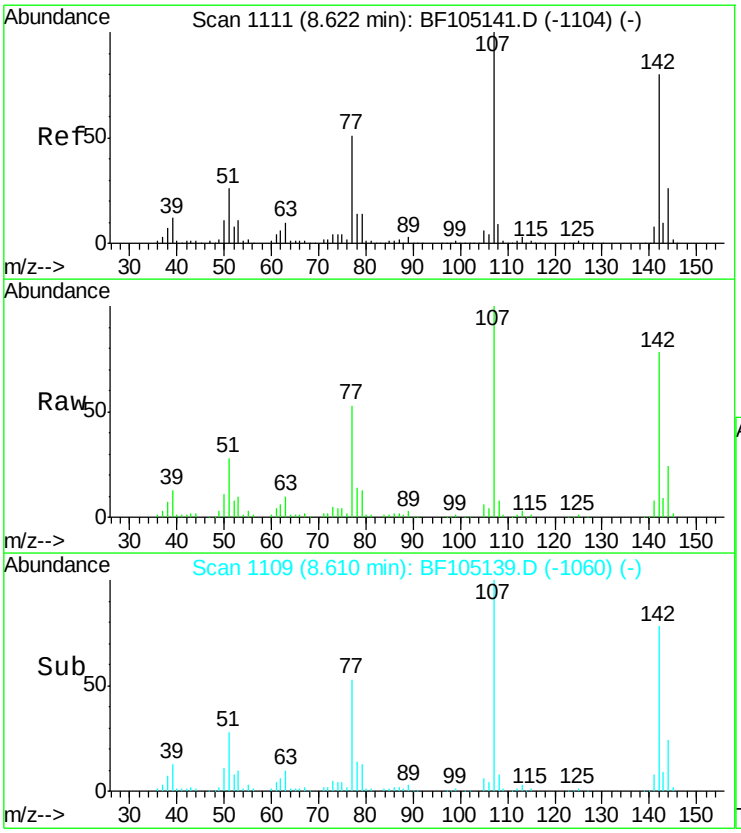

#35
Caprolactam
Concen: 6.920 ng
RT: 8.47 min Scan# 1086
Delta R.T. -0.05 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:113 Resp: 26791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 235.1 | 163.3 | 203.3# |
| 56 | 173.7 | 115.7 | 155.7# |

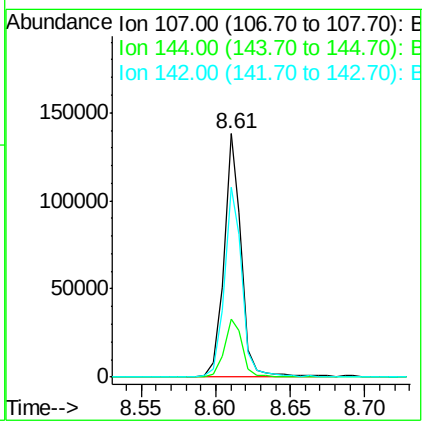


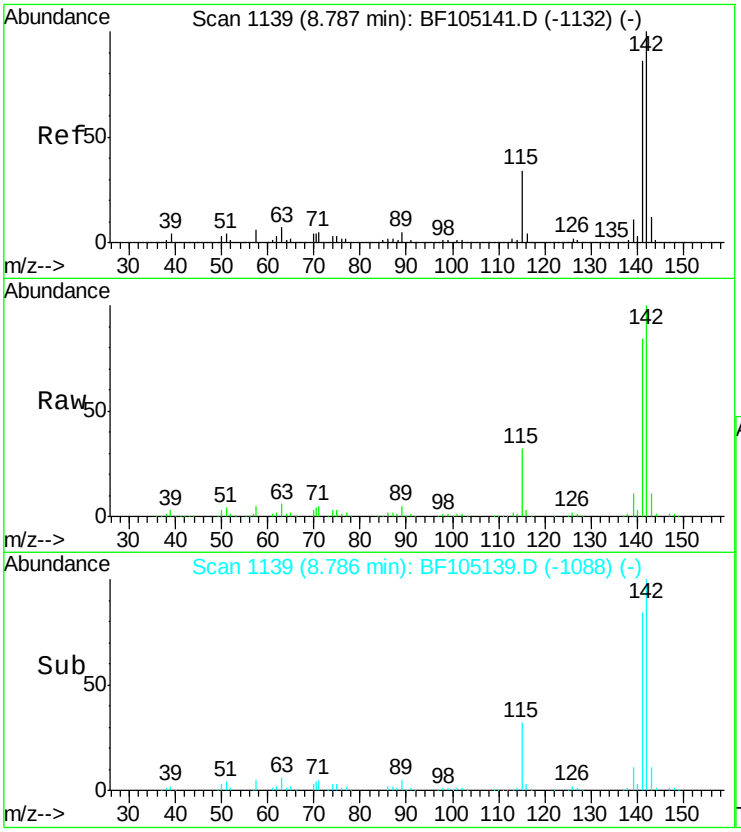




#36
4-Chloro-3-methylphenol
Concen: 9.518 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:107 Resp: 113261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.9 | 20.5 | 30.7 |
| 142 | 78.0 | 62.0 | 93.0 |



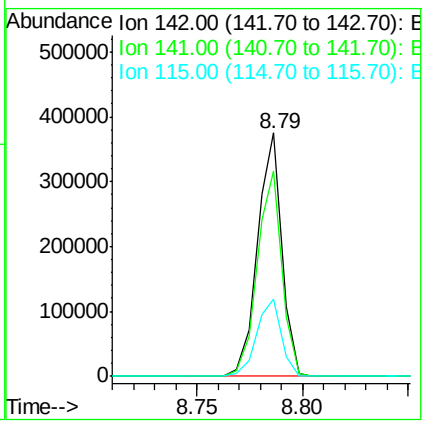


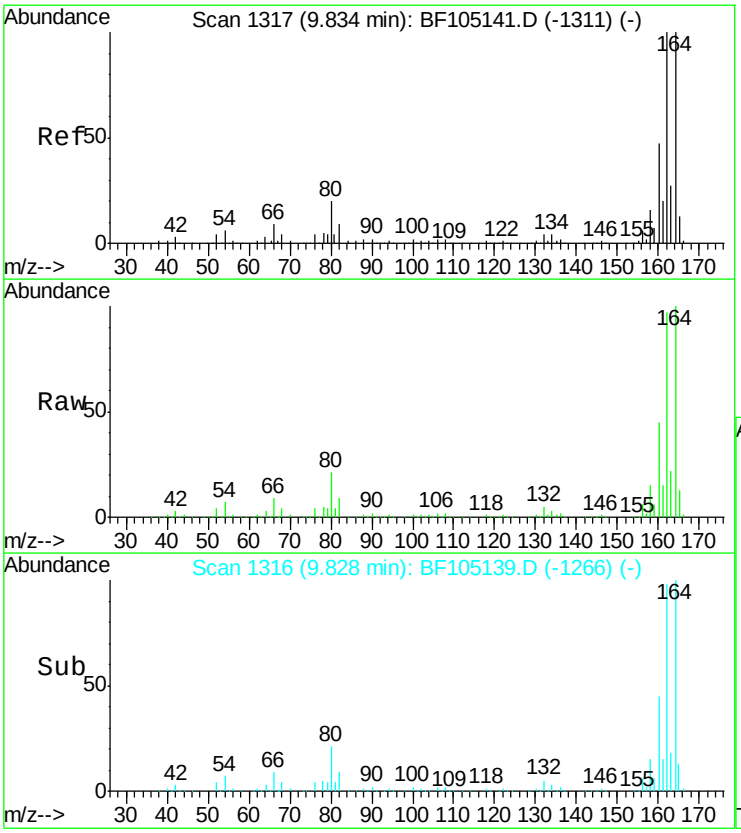

#37
2-Methylnaphthalene
Concen: 11.489 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:142 Resp: 301147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 84.3 | 70.8 | 106.2 |
| 115 | 31.5 | 26.1 | 39.1 |

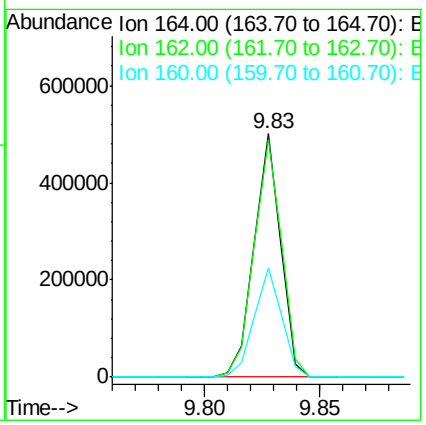


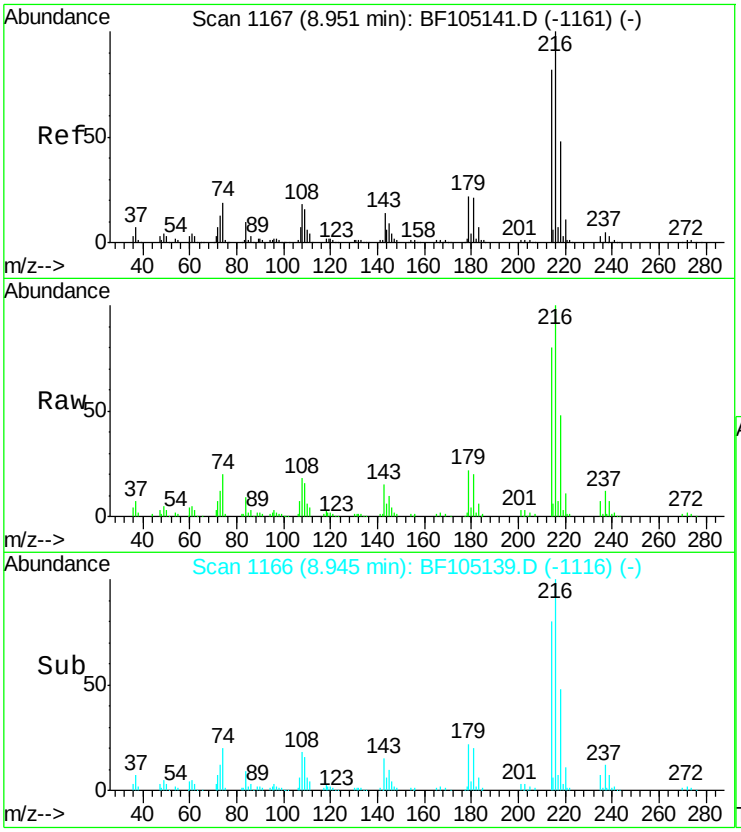




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:164 Resp: 405755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.4 | 86.1 | 129.1 |
| 160 | 44.9 | 38.3 | 57.5 |



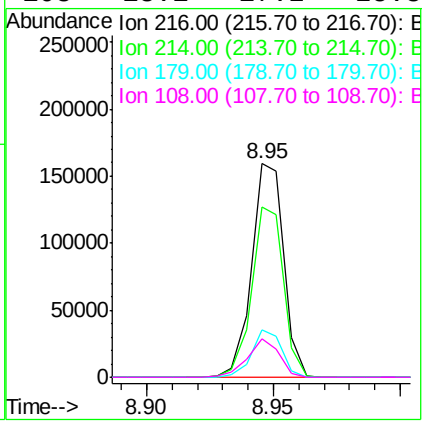


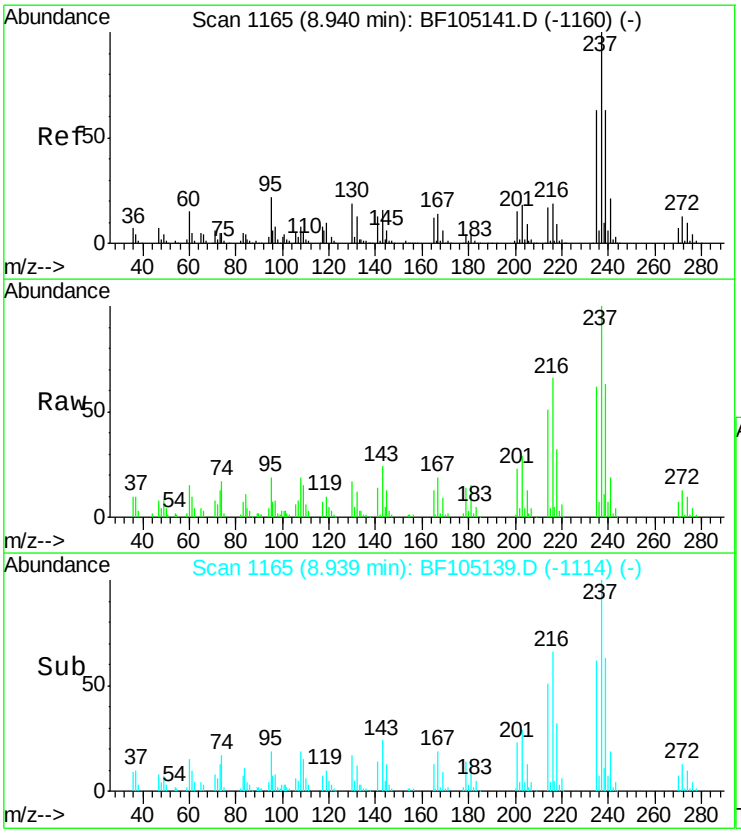

#39
1,2,4,5-Tetrachlorobenzene
Concen: 12.069 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:216 Resp: 140178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.1 | 63.0 | 94.4 |
| 179 | 20.8 | 18.1 | 27.1 |
| 108 | 18.1 | 17.2 | 25.8 |

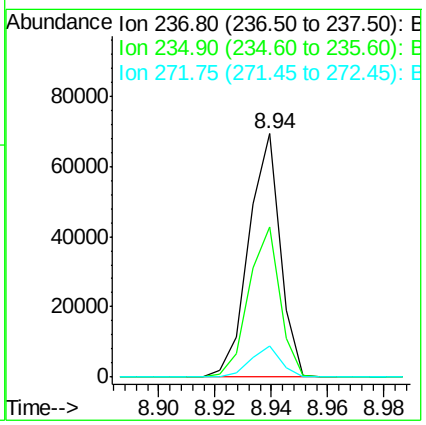


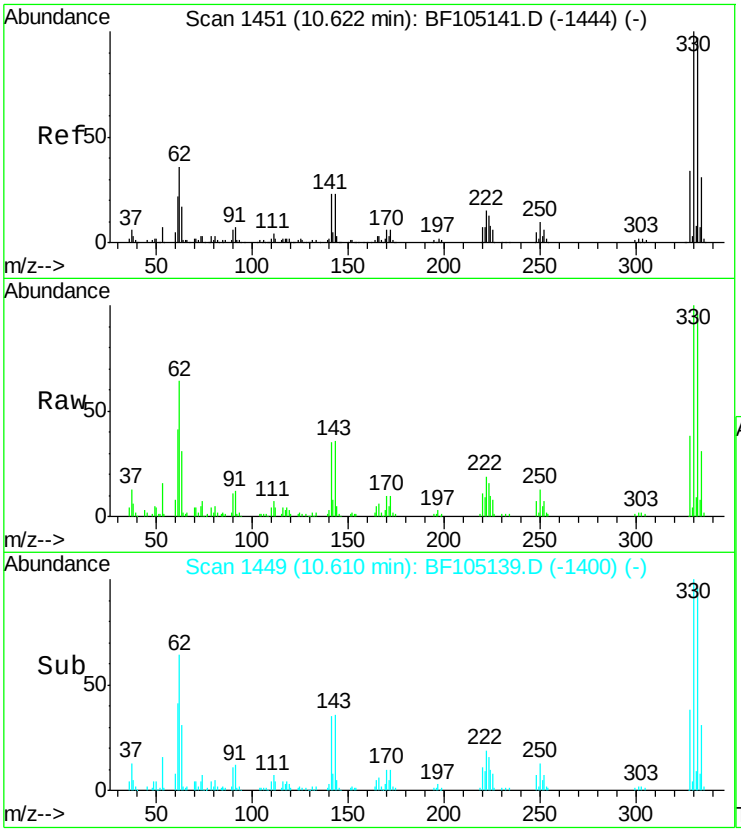




#40
Hexachlorocyclopentadiene
Concen: 8.206 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:237 Resp: 53360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.9 | 44.8 | 84.8 |
| 272 | 12.9 | 0.0 | 33.3 |



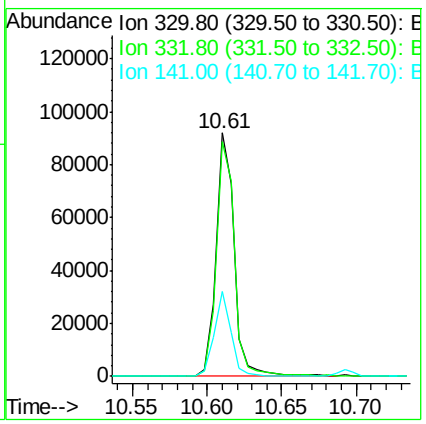


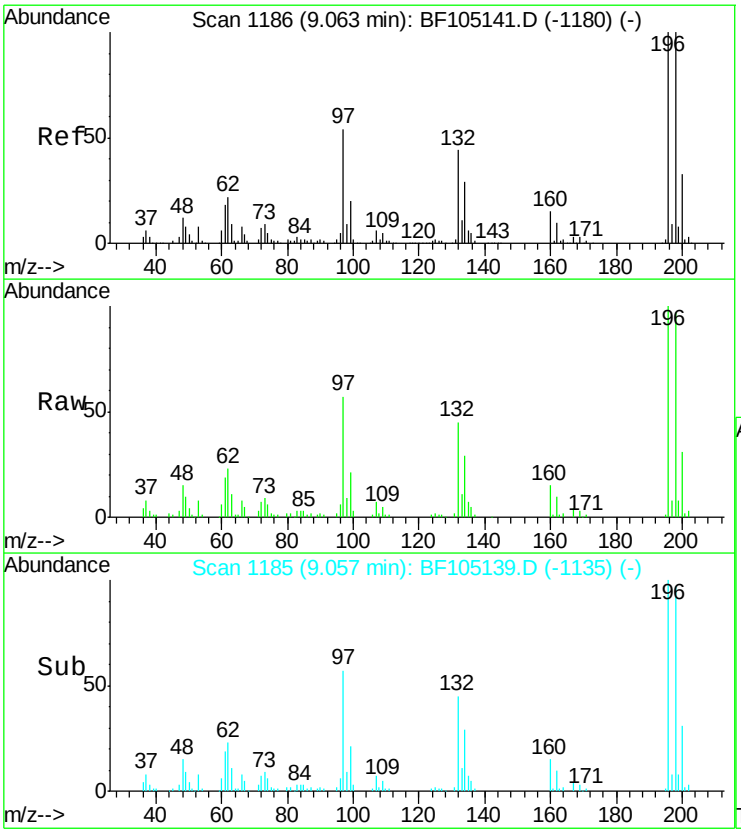

#41
2,4,6-Tribromophenol
Concen: 18.559 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:330 Resp: 78116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 77.0 | 115.6 |
| 141 | 32.2 | 29.9 | 44.9 |

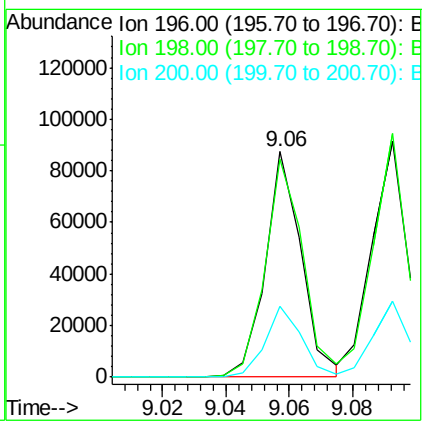


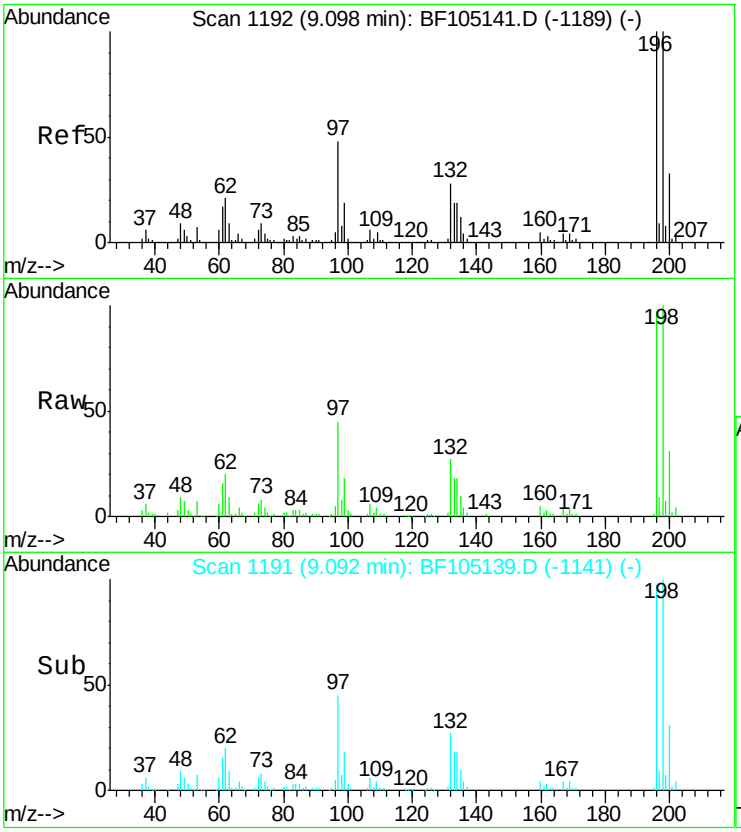




#42
2,4,6-Trichlorophenol
Concen: 8.596 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:196 Resp: 69312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.6 | 75.7 | 113.5 |
| 200 | 31.2 | 24.5 | 36.7 |



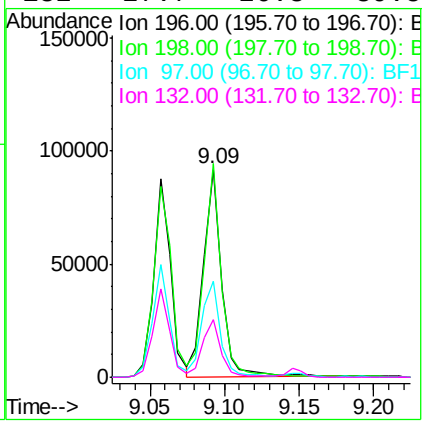


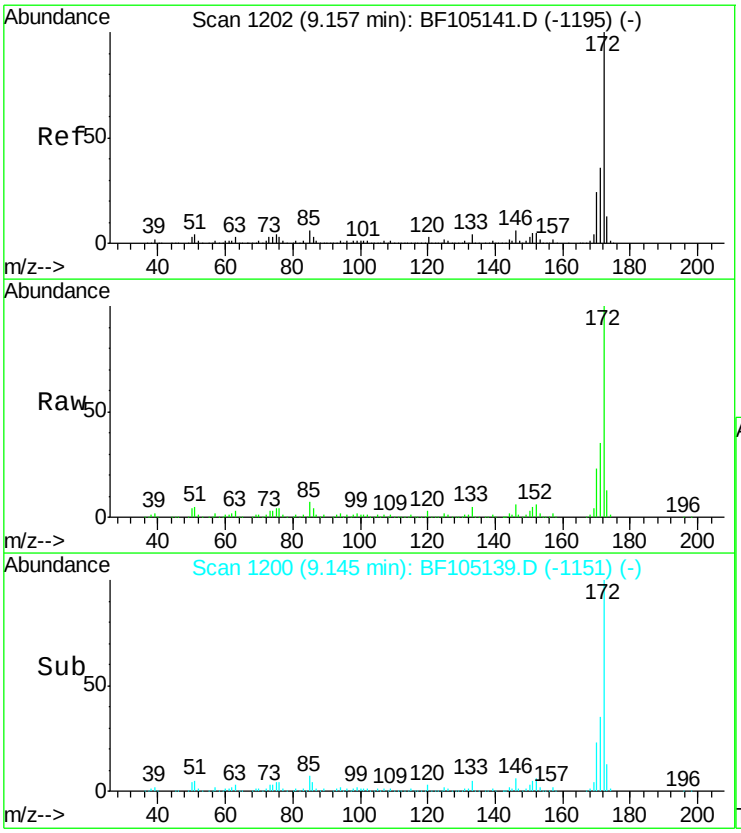

#43
2,4,5-Trichlorophenol
Concen: 8.517 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:196 Resp: 76848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 102.9 | 74.6 | 112.0 |
| 97 | 46.5 | 42.9 | 64.3 |
| 132 | 27.7 | 26.3 | 39.5 |

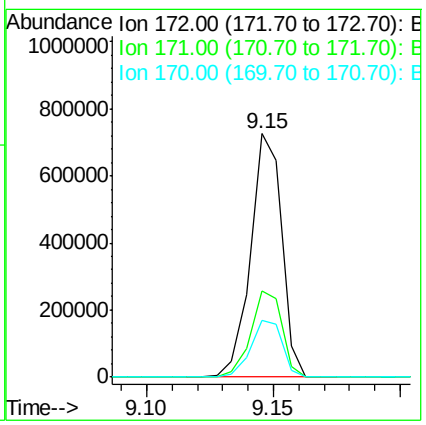


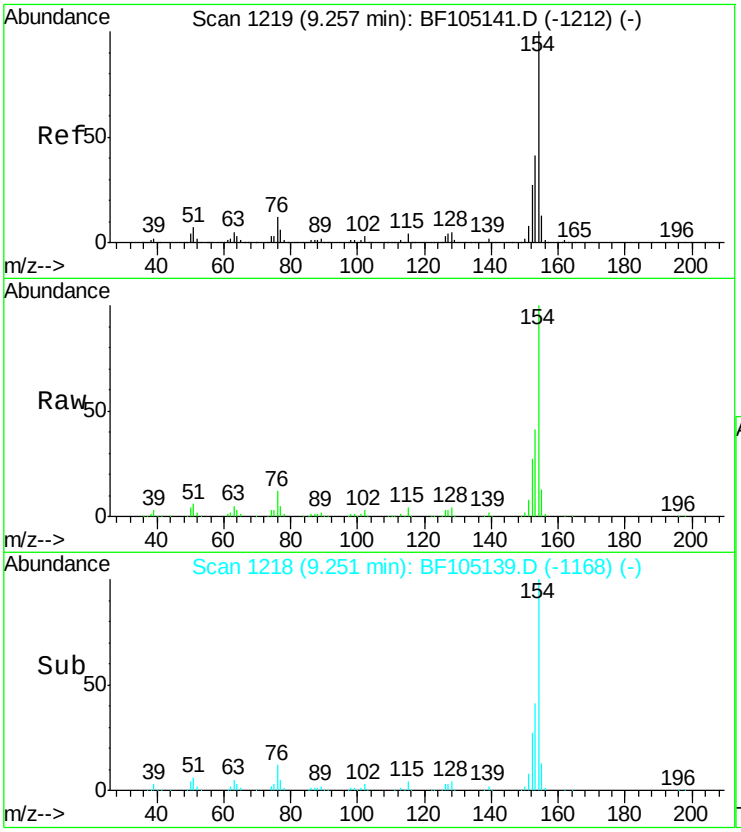




#44
2-Fluorobiphenyl
Concen: 24.320 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:172 Resp: 624655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 29.7 | 44.5 |
| 170 | 23.4 | 19.6 | 29.4 |



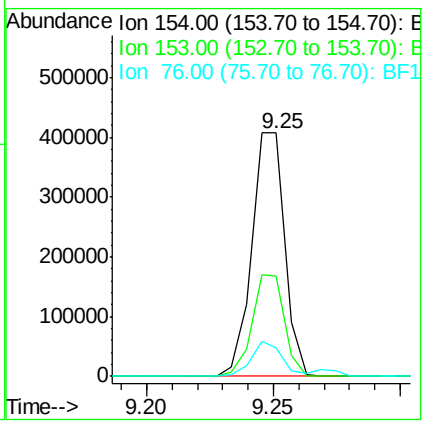


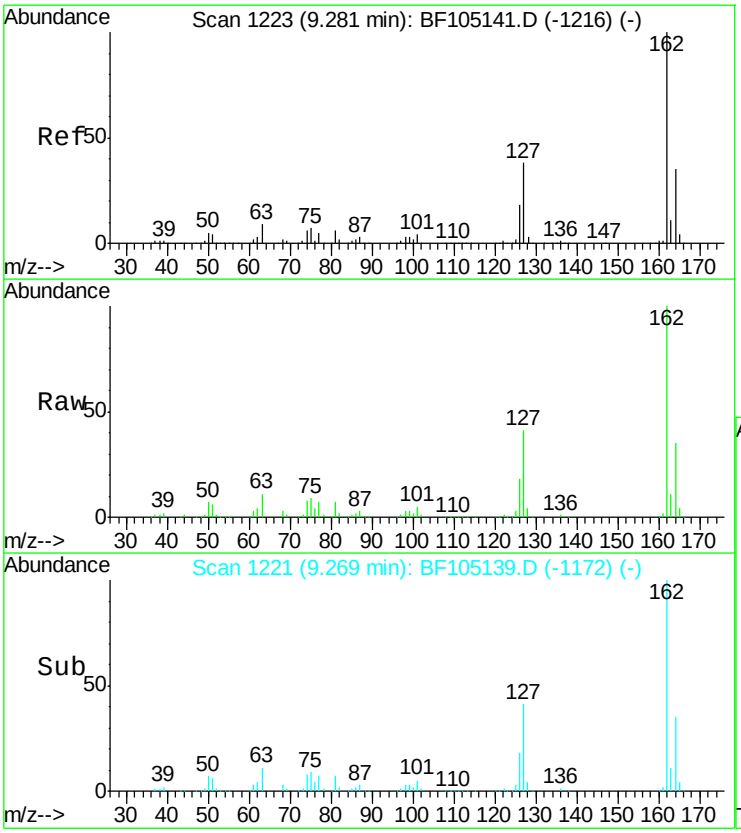

#45
1,1'-Biphenyl
Concen: 10.823 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:154 Resp: 368929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.1 | 21.3 | 61.3 |
| 76 | 11.7 | 0.0 | 34.0 |

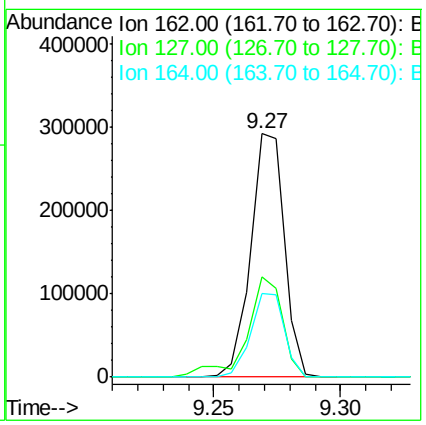


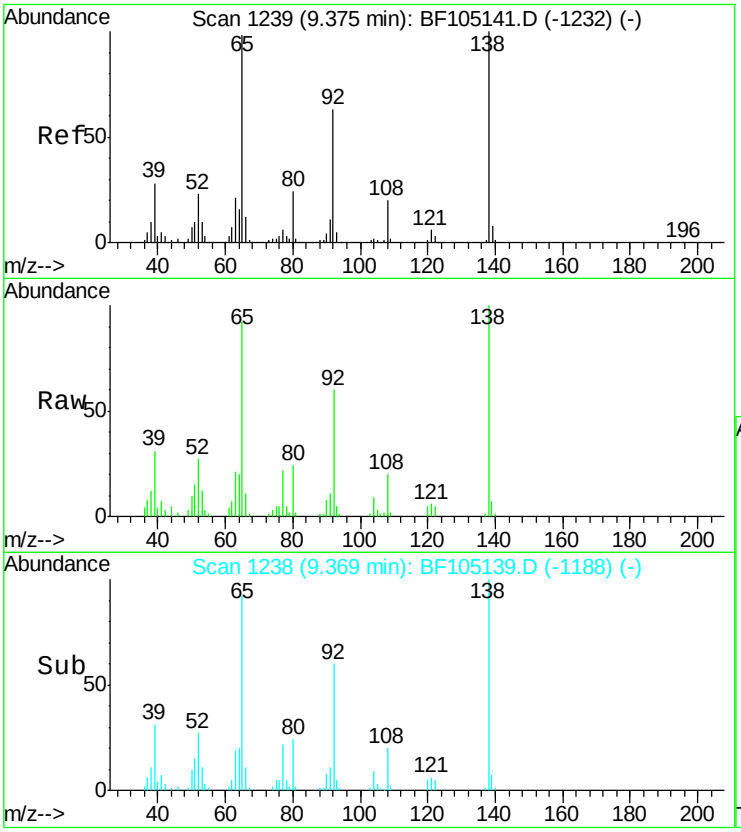




#46
2-Chloronaphthalene
Concen: 10.071 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:162 Resp: 271140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.0 | 33.9 | 50.9 |
| 164 | 34.6 | 26.5 | 39.7 |



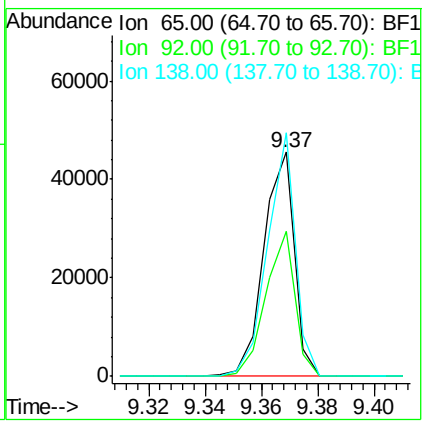


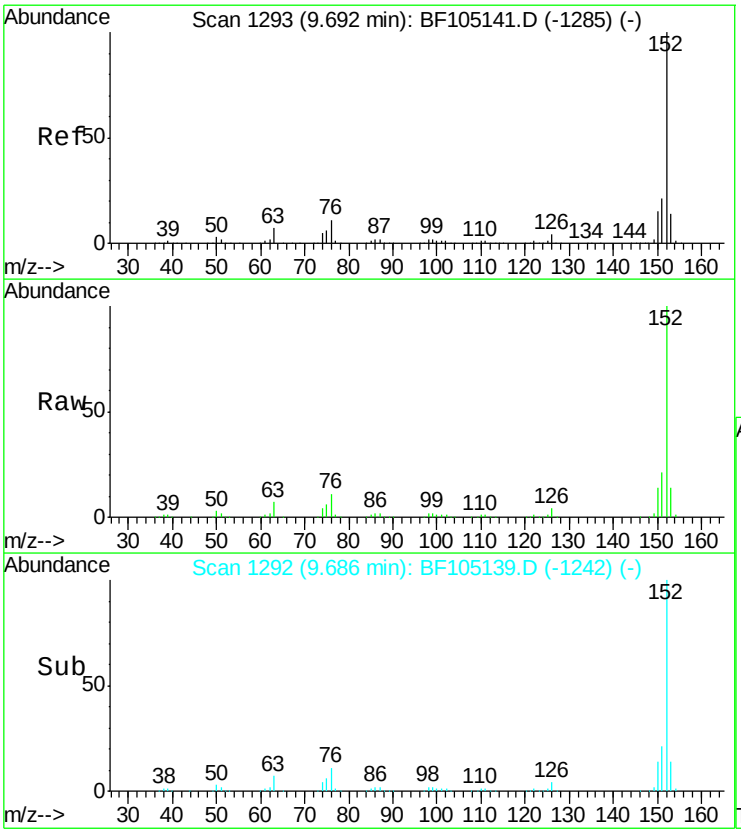

#47
2-Nitroaniline
Concen: 5.114 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion: 65 Resp: 34052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.0 | 55.8 | 83.6 |
| 138 | 108.8 | 91.2 | 136.8 |

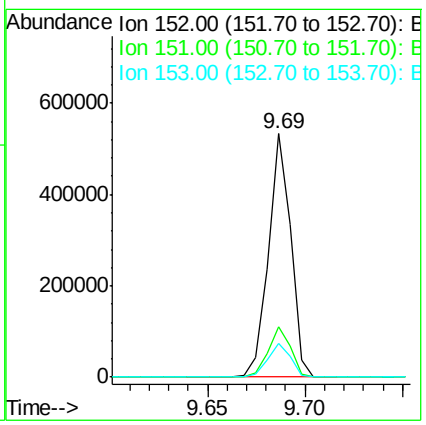


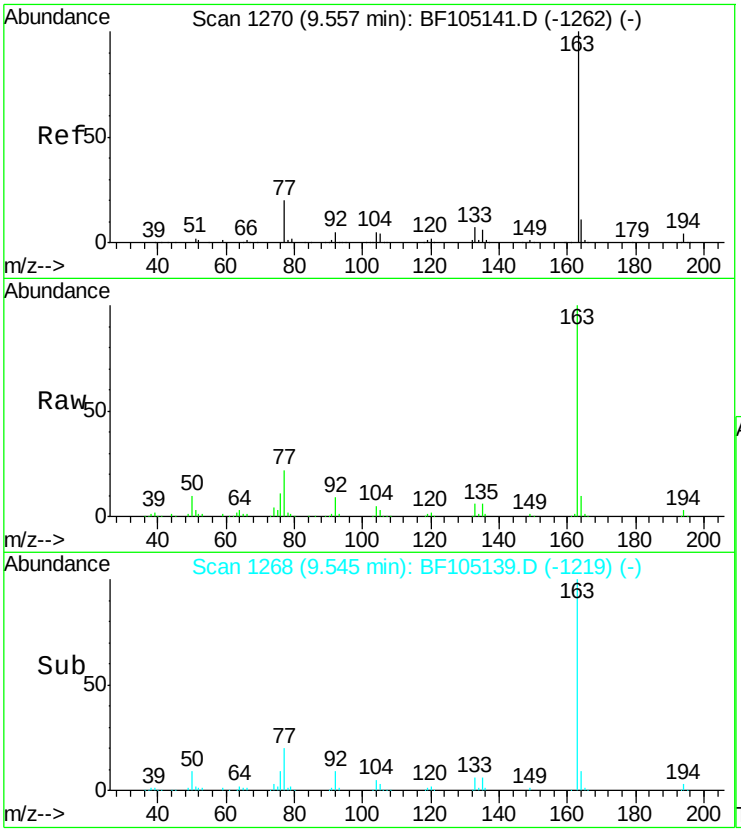




#48
Acenaphthylene
Concen: 9.986 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:152 Resp: 421836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.6 | 16.3 | 24.5 |
| 153 | 13.8 | 10.7 | 16.1 |

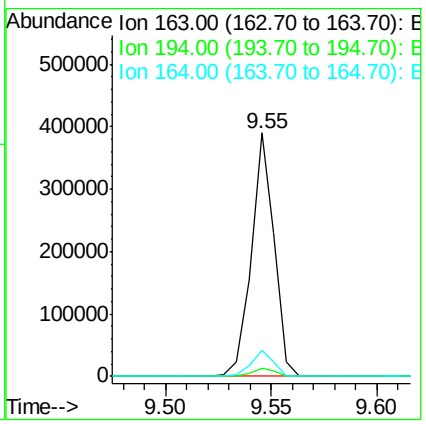




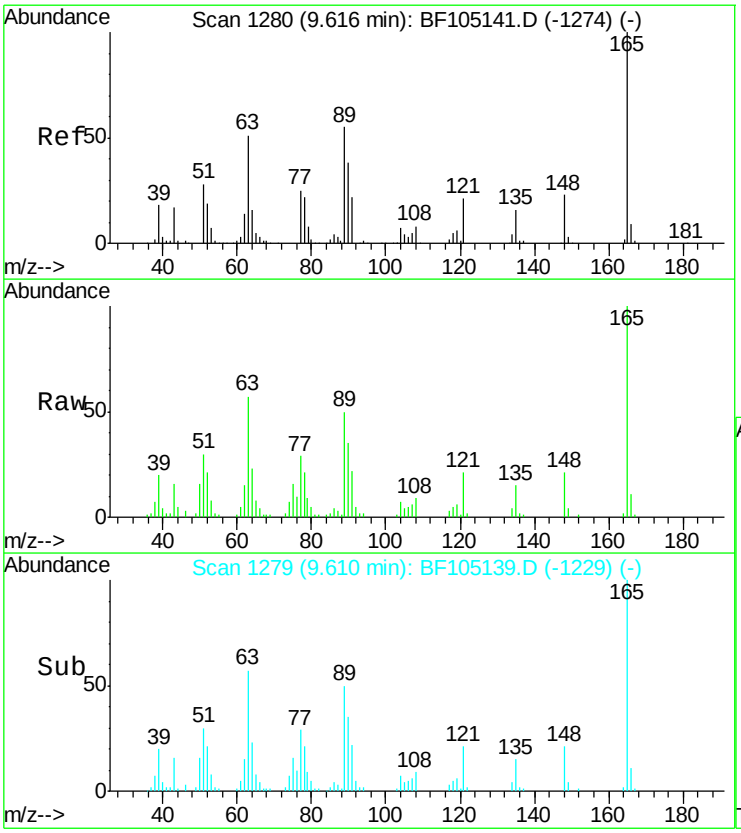

#49
Dimethylphthalate
Concen: 9.127 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:163 Resp: 292023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 2.7 | 4.1 |
| 164 | 10.5 | 8.2 | 12.2 |



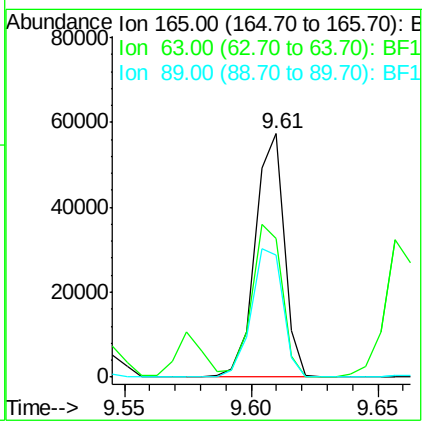

**Instrument :**
BNA_F
**ClientSampleId :**

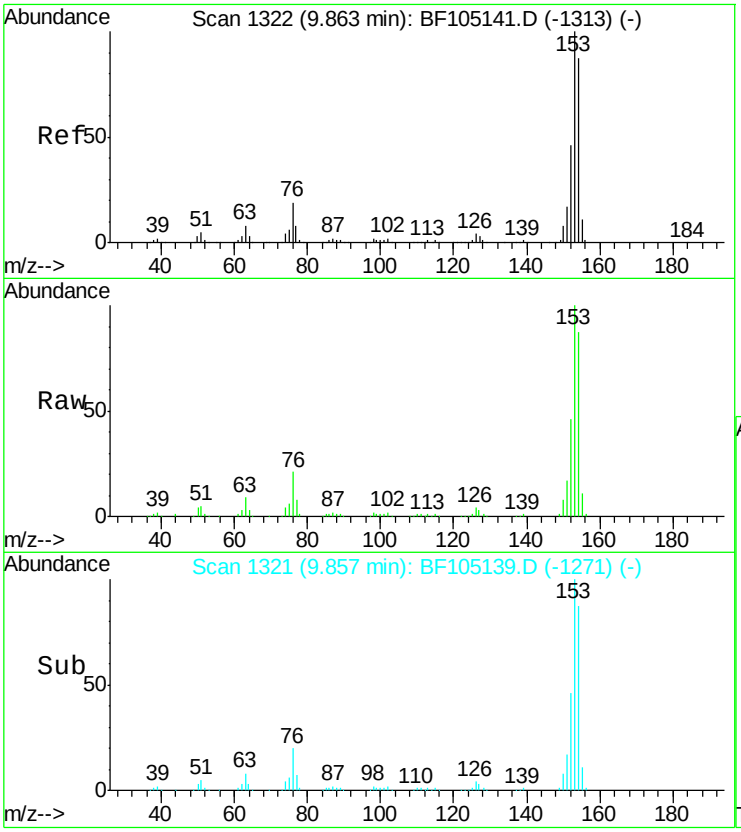



#50
2,6-Dinitrotoluene
Concen: 7.798 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:165 Resp: 46169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.1 | 44.7 | 67.1 |
| 89 | 50.2 | 44.0 | 66.0 |



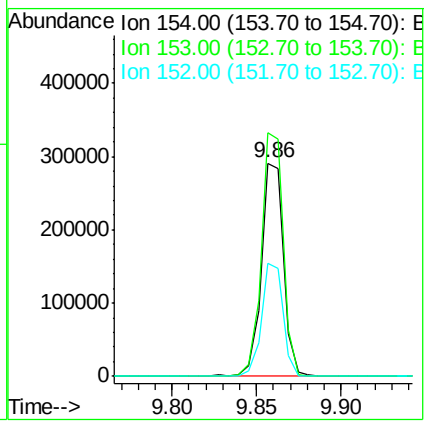


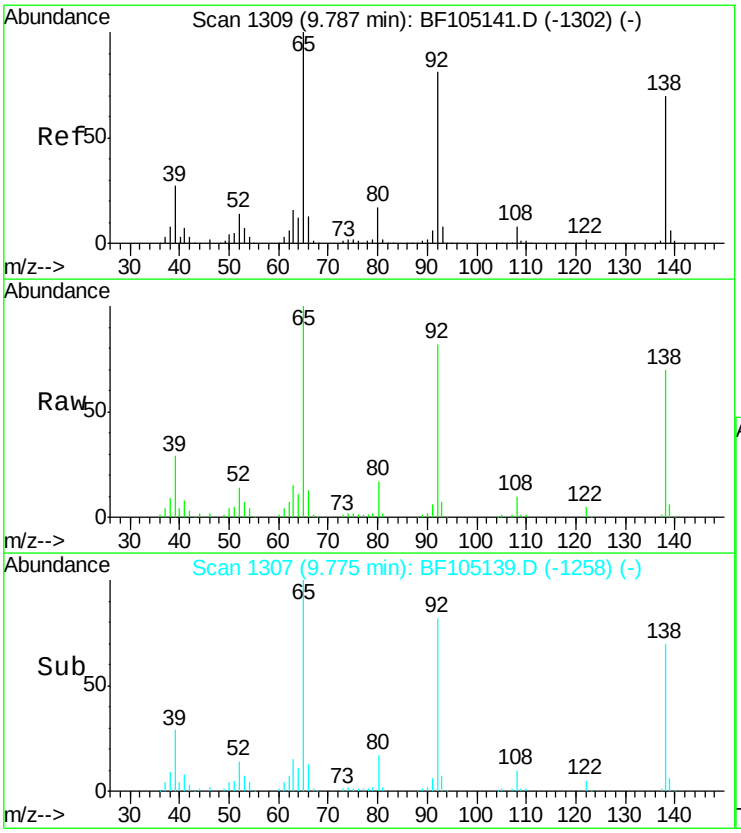

#51
Acenaphthene
Concen: 10.271 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:154 Resp: 264732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 114.4 | 91.2 | 136.8 |
| 152 | 52.9 | 43.8 | 65.8 |

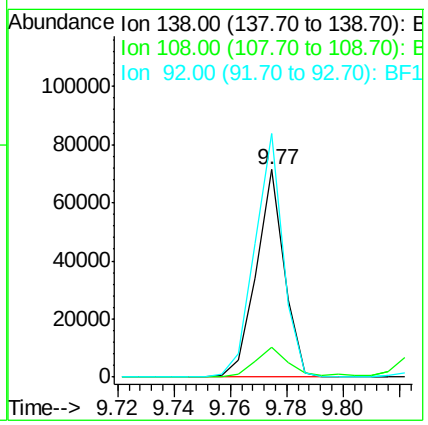


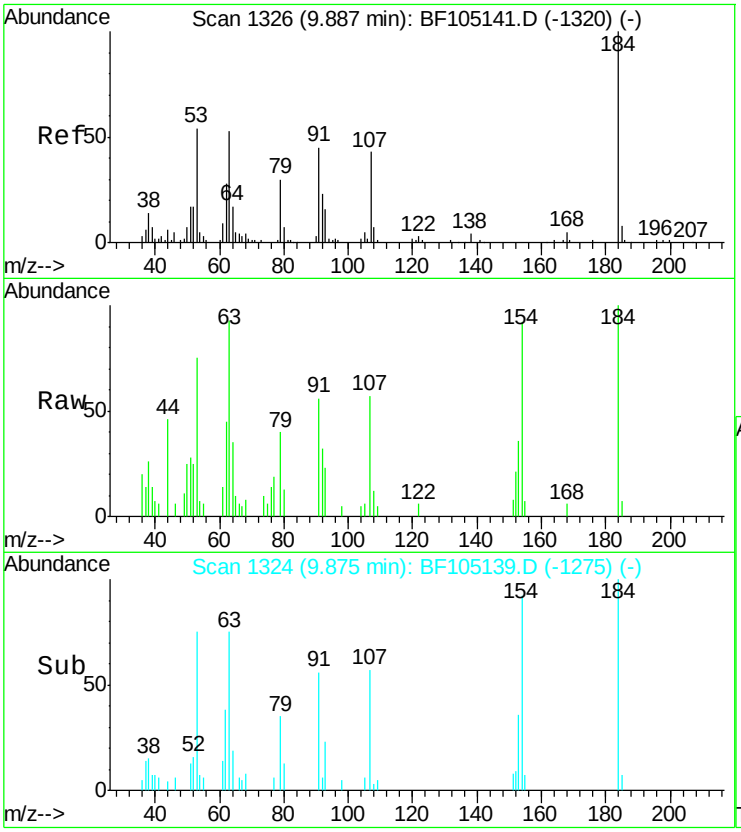




#52
3-Nitroaniline
Concen: 7.124 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:138 Resp: 49377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 14.6 | 9.4 | 14.0# |
| 92 | 117.5 | 89.4 | 134.2 |



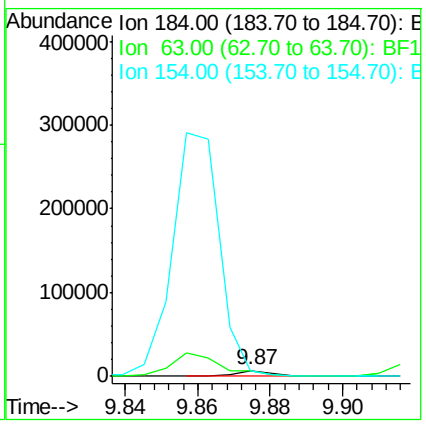


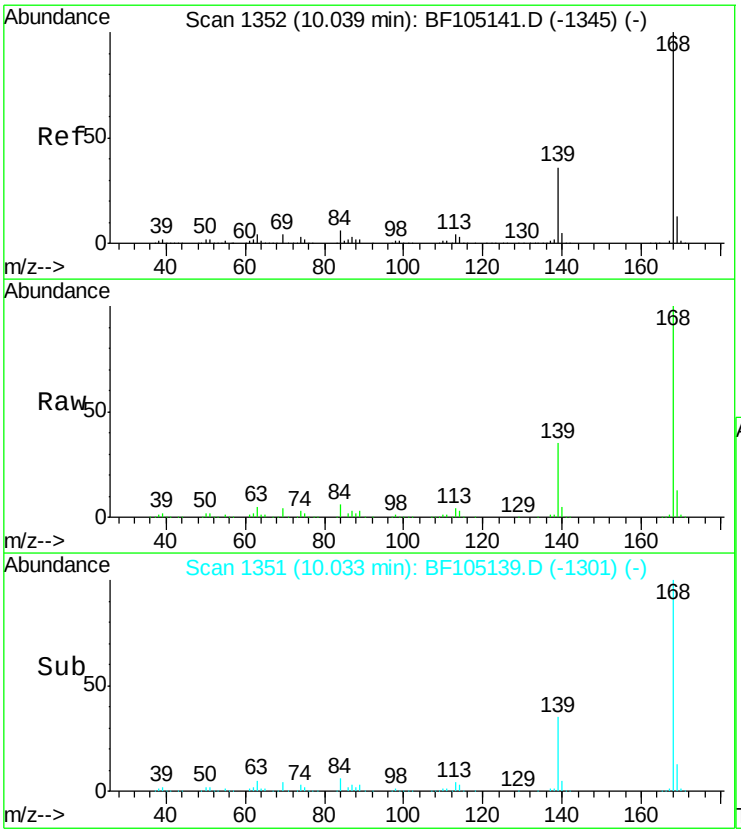

#53
2,4-Dinitrophenol
Concen: 2.627 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:184 Resp: 4728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 92.6 | 54.2 | 81.2# |
| 154 | 92.3 | 184.0 | 276.0# |

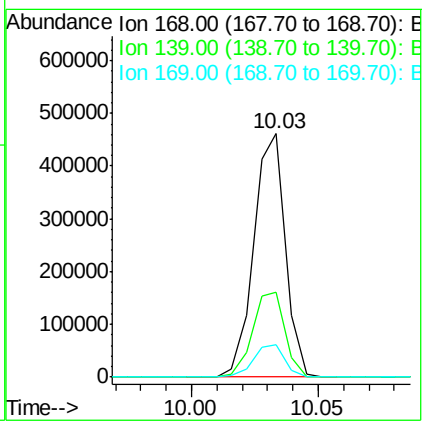


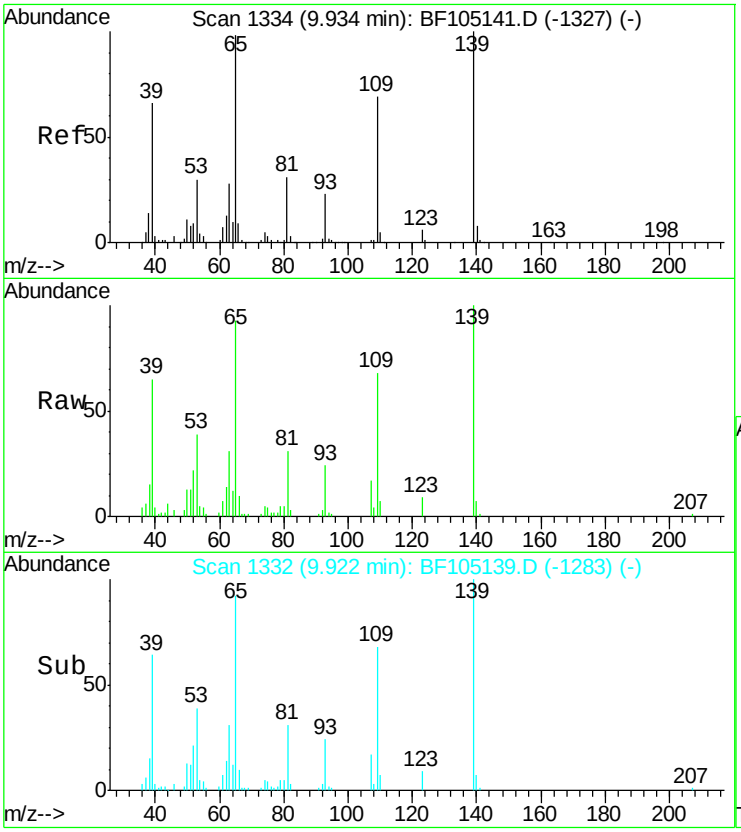




#54
Dibenzofuran
Concen: 11.130 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:168 Resp: 399781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 34.9 | 30.1 | 45.1 |
| 169 | 13.3 | 10.9 | 16.3 |



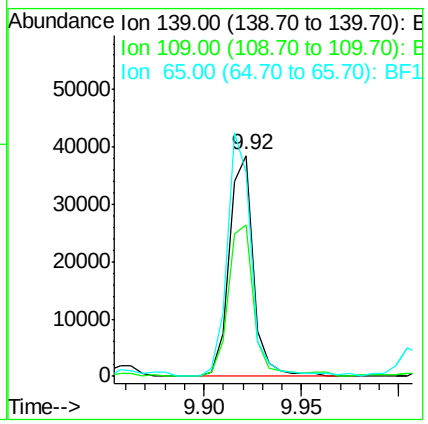


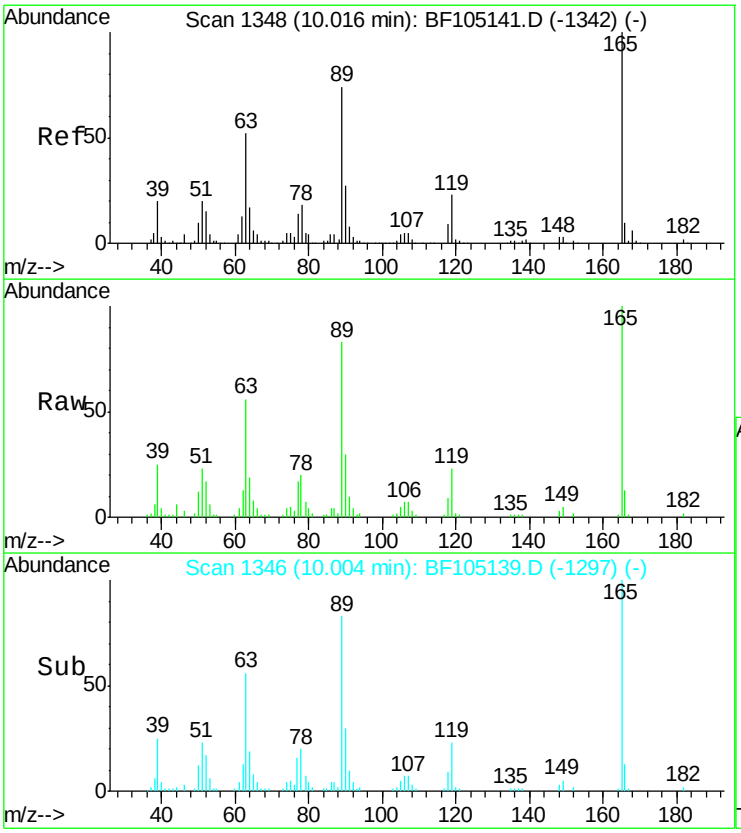

#55
4-Nitrophenol
Concen: 6.037 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:139 Resp: 32872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.5 | 48.4 | 88.4 |
| 65 | 92.6 | 72.6 | 112.6 |

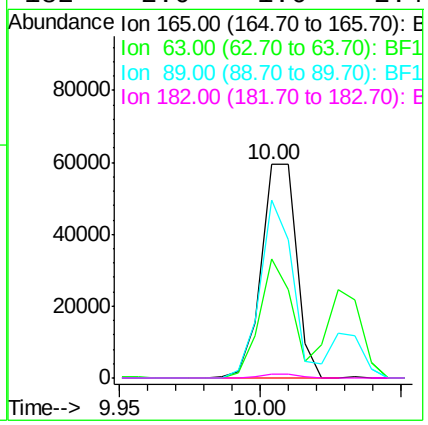


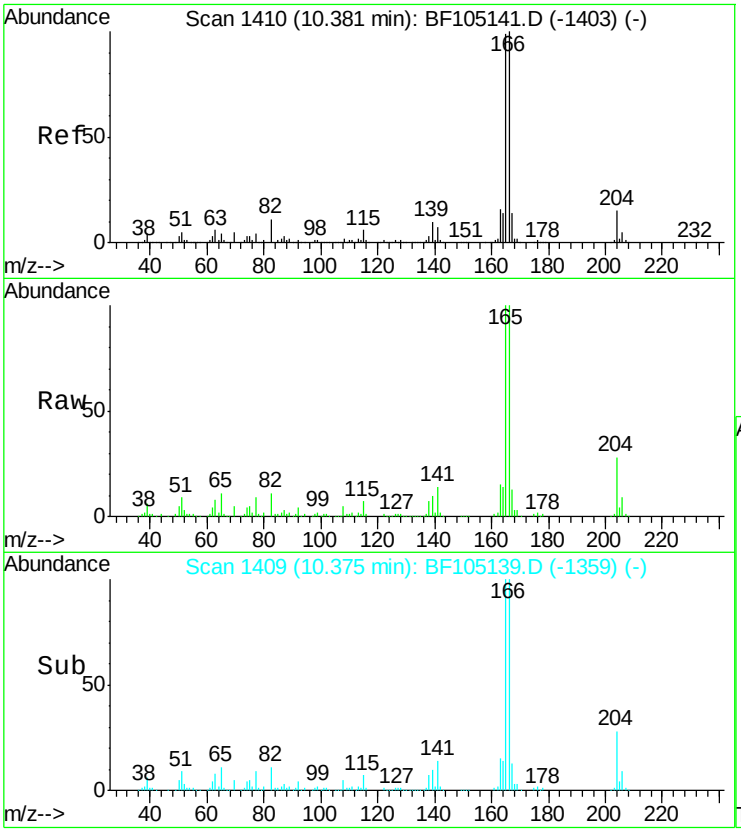




#56
2,4-Dinitrotoluene
Concen: 6.632 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:165 Resp: 51508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.0 | 36.4 | 54.6# |
| 89 | 83.4 | 57.8 | 86.6 |
| 182 | 2.0 | 1.6 | 2.4 |



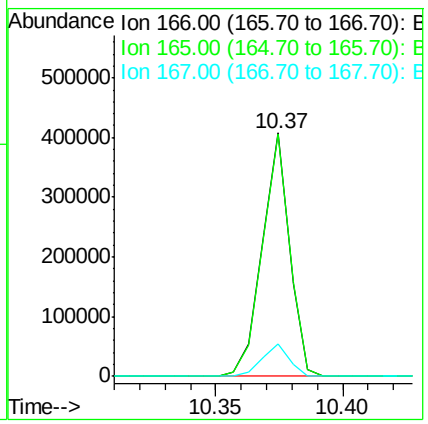


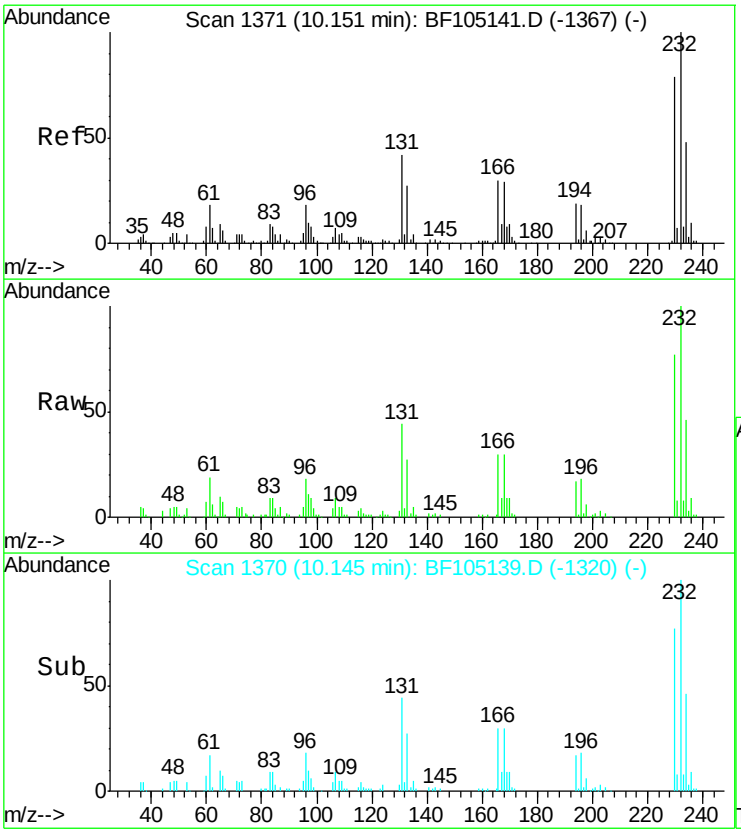

#57
Fluorene
Concen: 11.842 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:166 Resp: 309593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.7 | 79.8 | 119.8 |
| 167 | 13.2 | 10.6 | 16.0 |

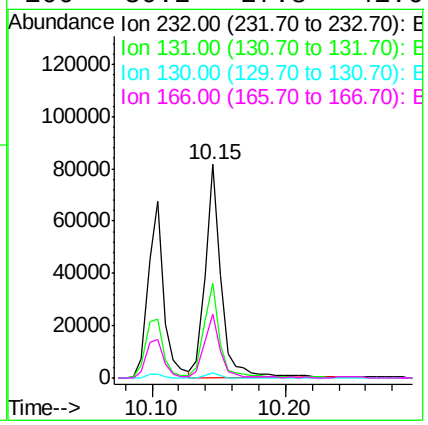


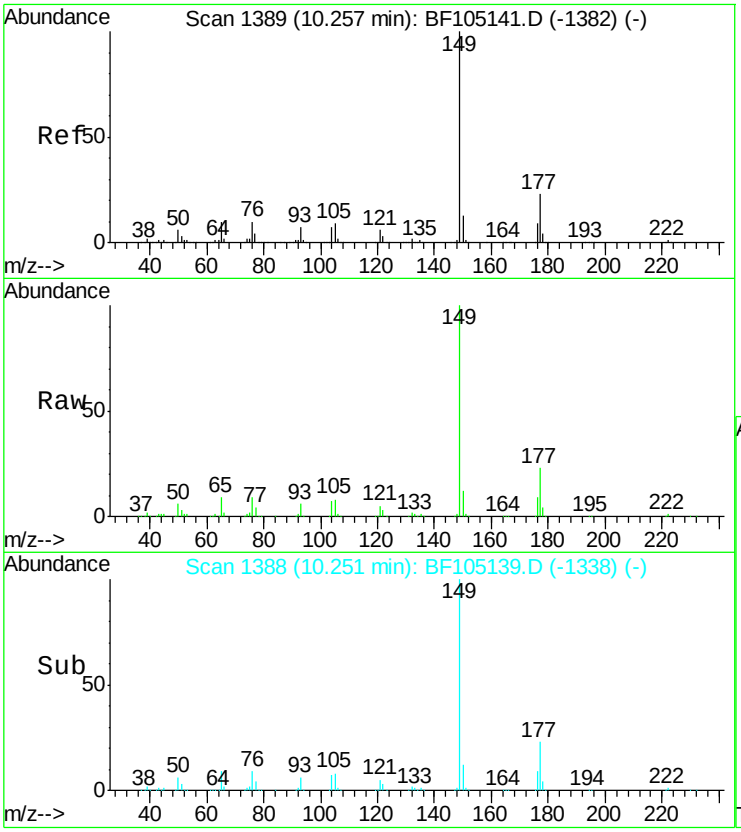




#58
2,3,4,6-Tetrachlorophenol
Concen: 10.047 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:232 Resp: 67632

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.1 | 43.8 | 65.8 |
| 130 | 2.1 | 2.1 | 3.1 |
| 166 | 30.2 | 27.8 | 41.6 |



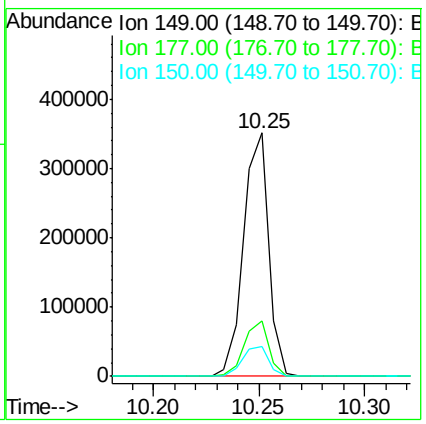


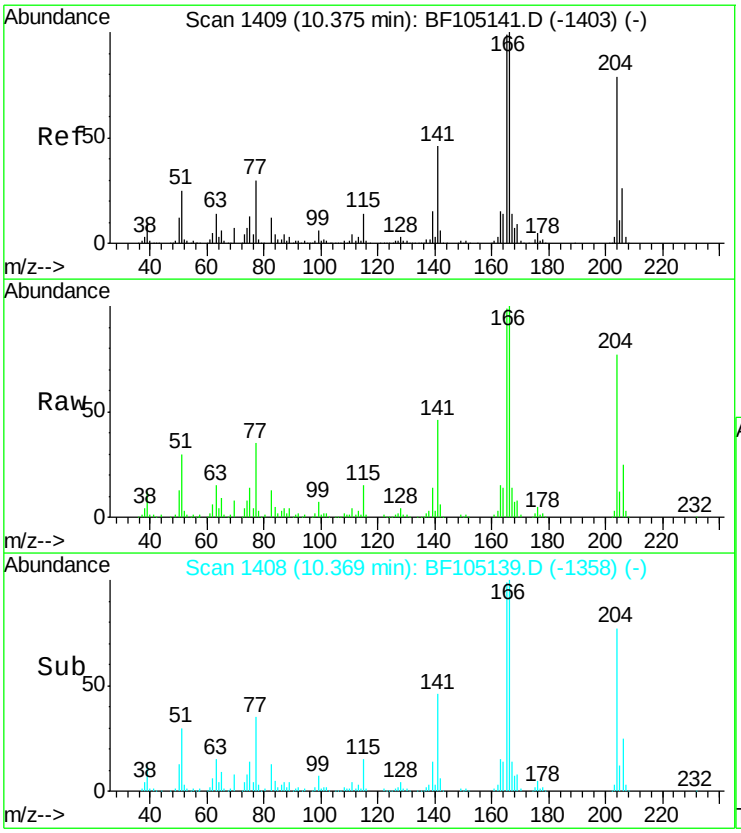

#59
Diethylphthalate
Concen: 9.104 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:149 Resp: 290103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 16.1 | 24.1 |
| 150 | 12.2 | 10.1 | 15.1 |

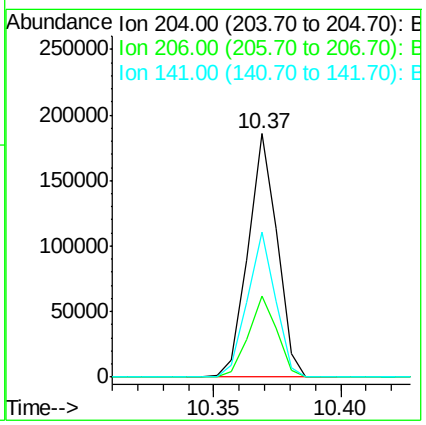


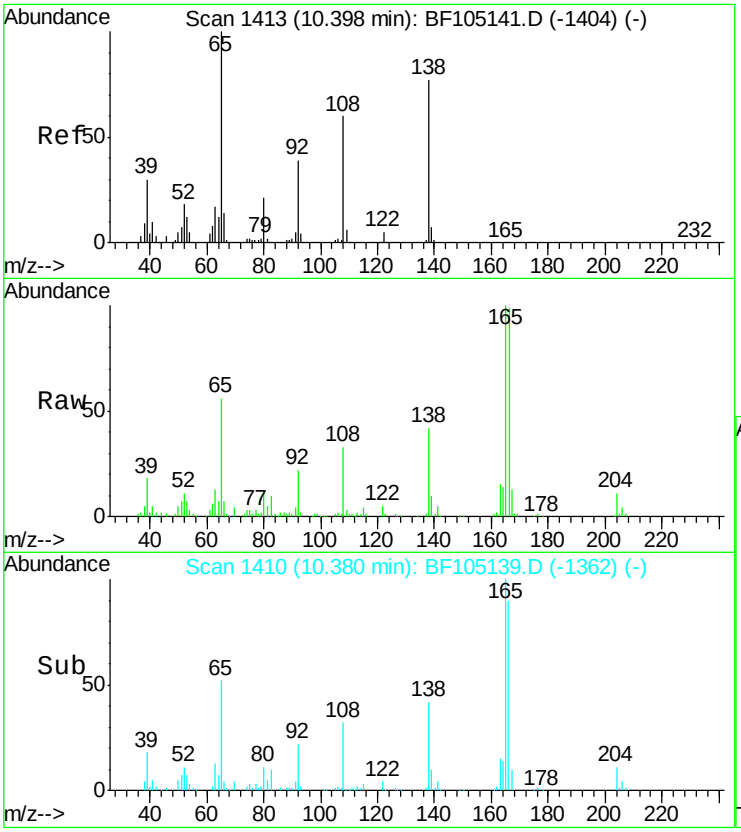




#60
4-Chlorophenyl-phenylether
Concen: 12.728 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:204 Resp: 148189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 26.5 | 39.7 |
| 141 | 59.7 | 54.6 | 81.8 |



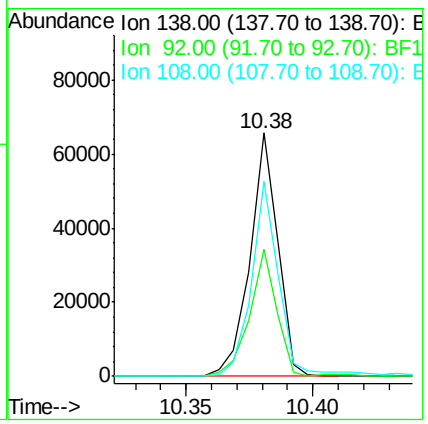


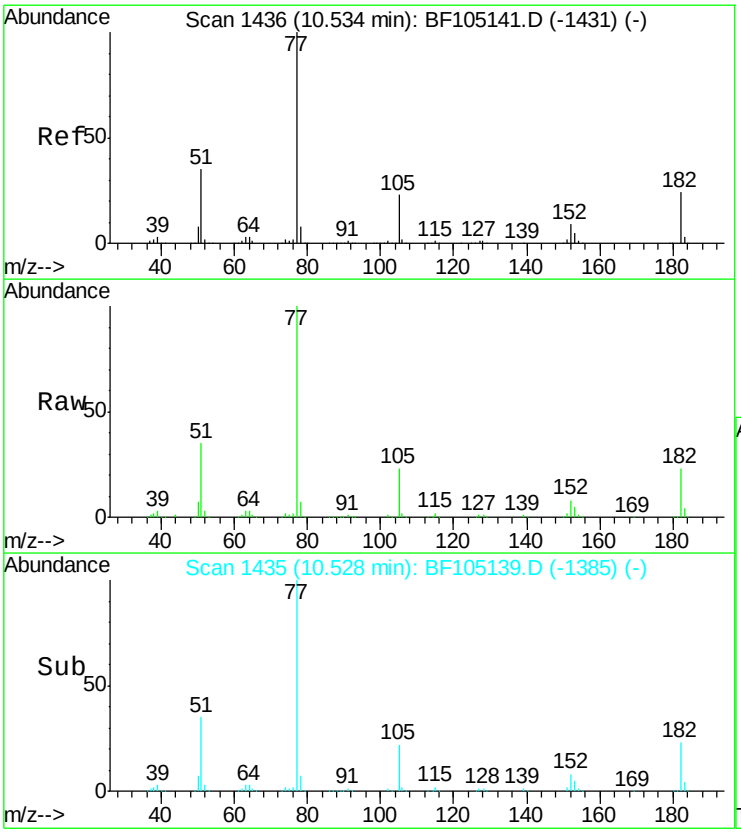

#61
4-Nitroaniline
Concen: 7.398 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:138 Resp: 50135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 52.4 | 30.2 | 70.2 |
| 108 | 79.9 | 52.5 | 92.5 |

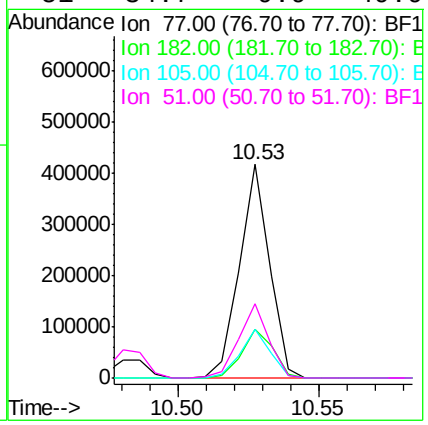


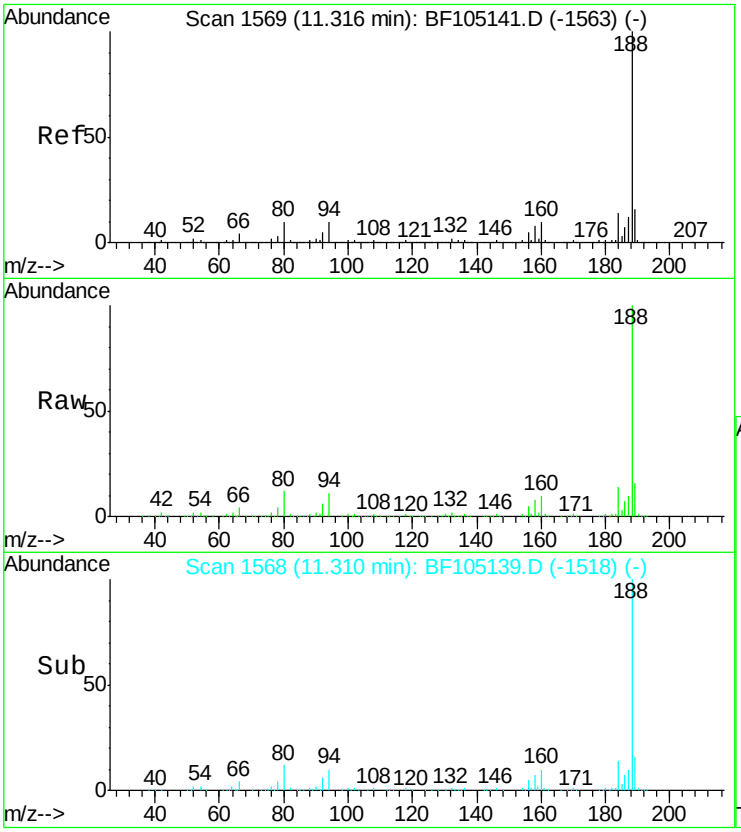




#62
Azobenzene
Concen: 10.153 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion: 77 Resp: 309113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 22.7 | 1.7 | 41.7 |
| 105 | 22.6 | 3.0 | 43.0 |
| 51 | 34.7 | 9.9 | 49.9 |



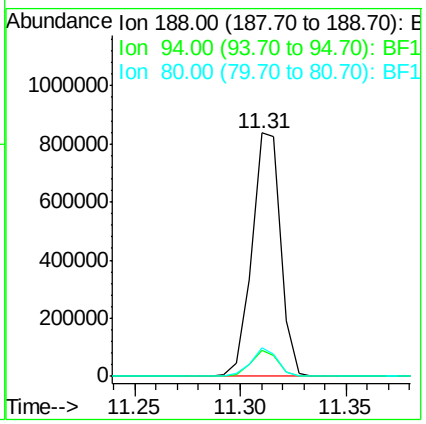


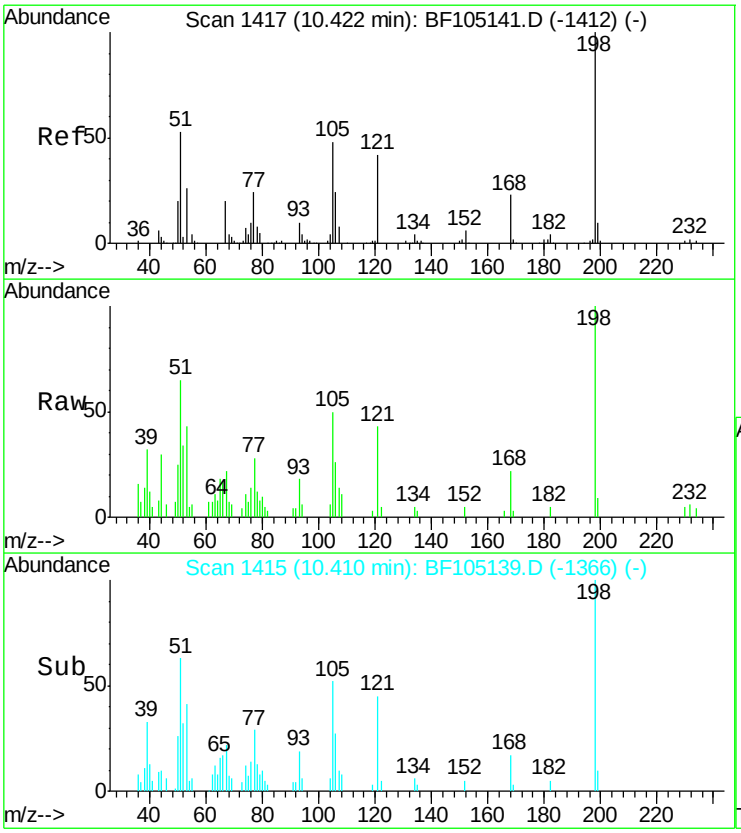

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:188 Resp: 796132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.5 | 8.5 | 12.7 |
| 80 | 11.7 | 9.2 | 13.8 |

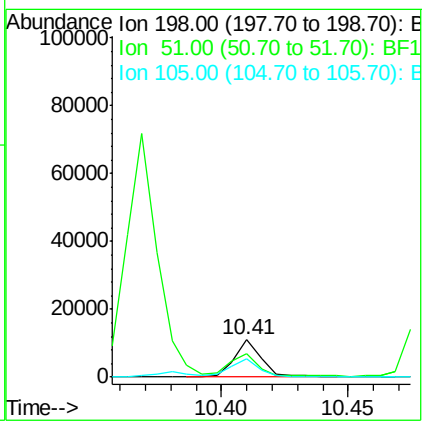


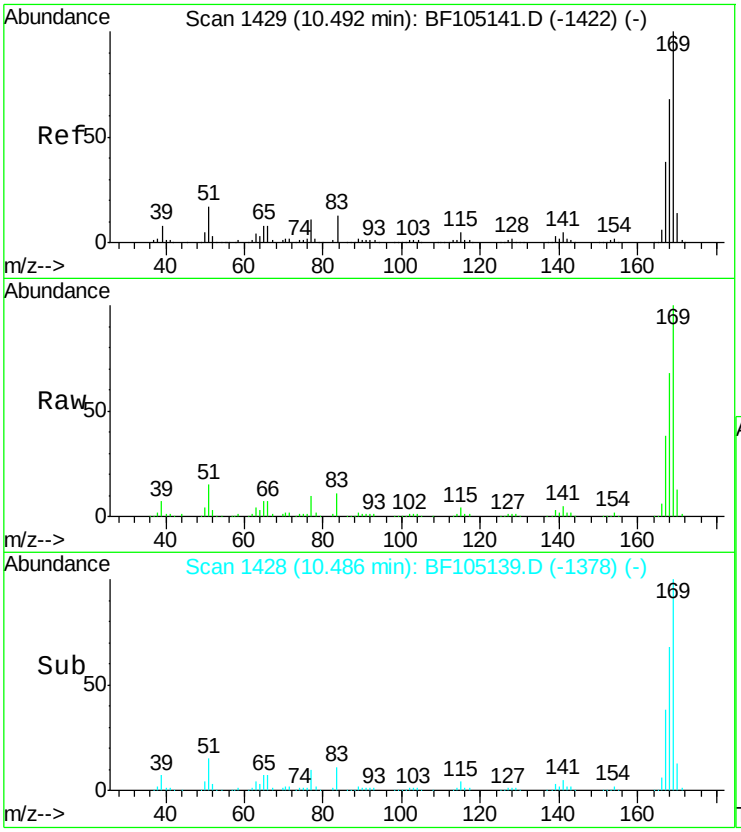




#64
4,6-Dinitro-2-methylphenol
Concen: 2.316 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:198 Resp: 8010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 64.7 | 37.7 | 77.7 |
| 105 | 50.2 | 36.3 | 76.3 |



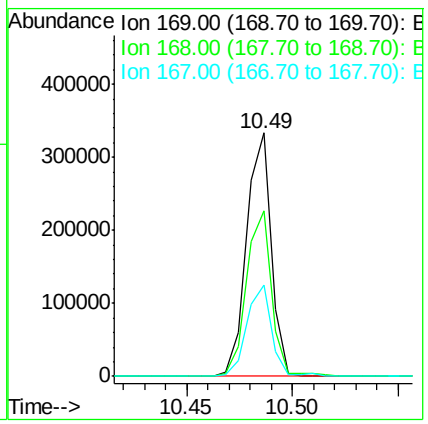


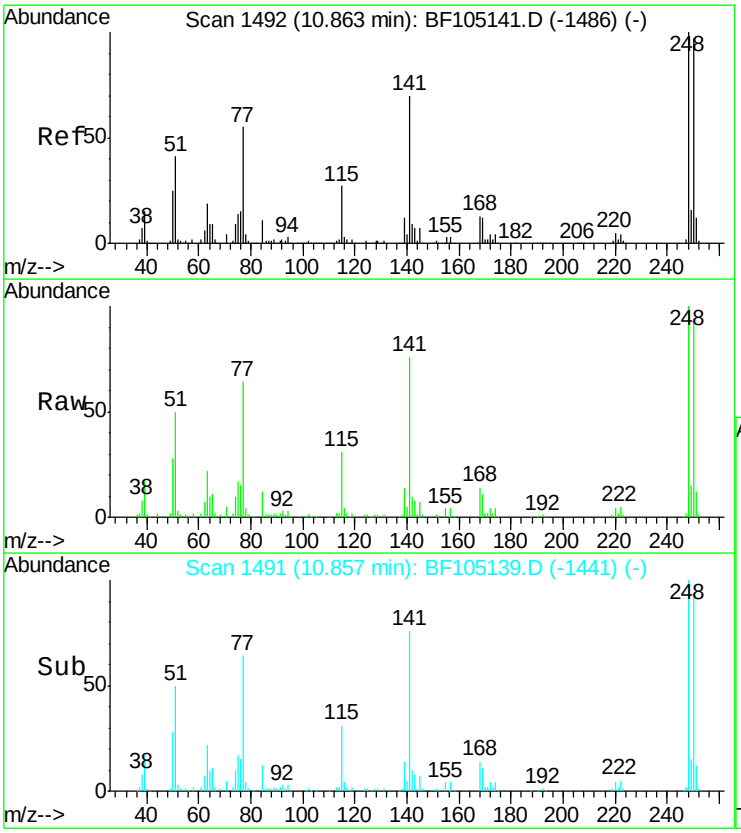

#65
n-Nitrosodiphenylamine
Concen: 9.809 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:169 Resp: 270757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.1 | 54.4 | 81.6 |
| 167 | 37.6 | 29.8 | 44.6 |

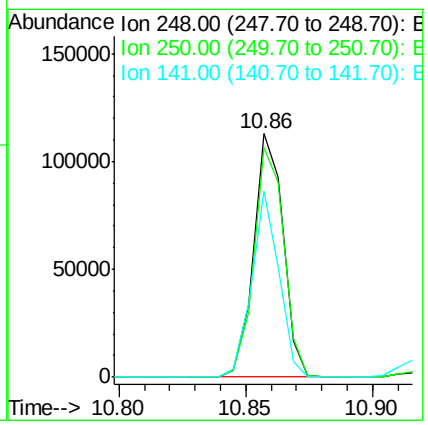


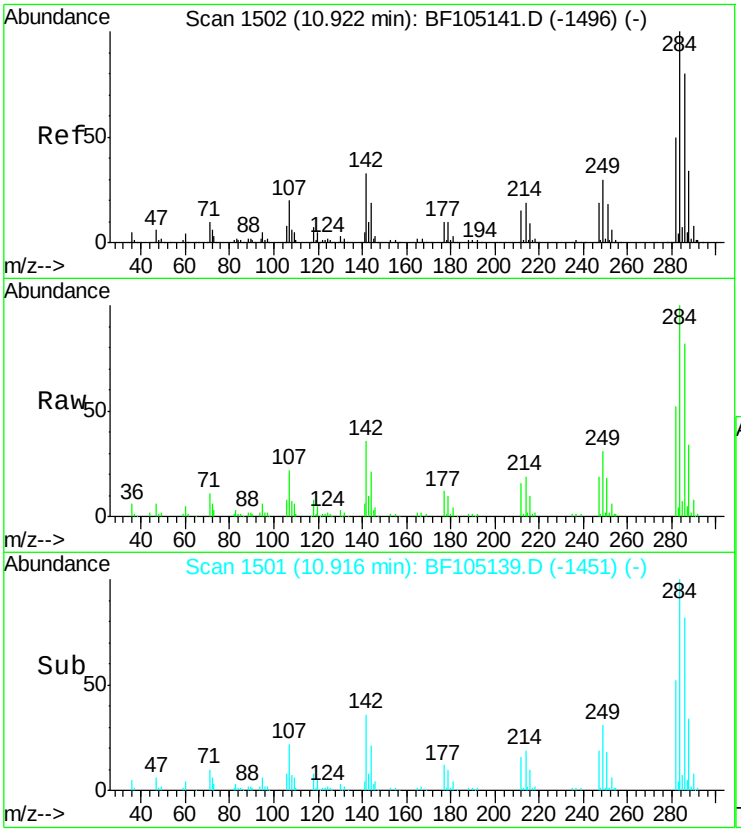




#66
4-Bromophenyl-phenylether
Concen: 10.836 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:248 Resp: 91760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.4 | 76.9 | 115.3 |
| 141 | 76.5 | 74.4 | 111.6 |



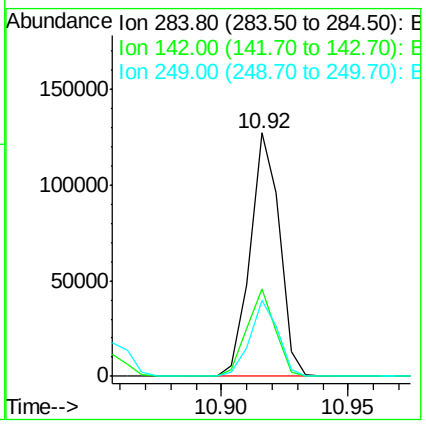


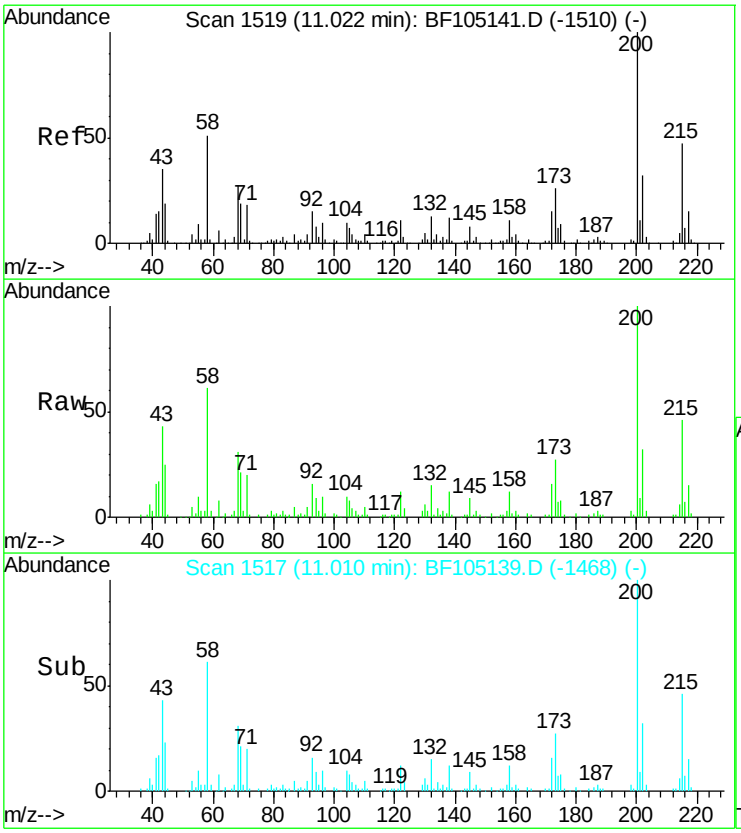

#67
Hexachlorobenzene
Concen: 10.795 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:284 Resp: 102861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.1 | 34.6 | 52.0 |
| 249 | 31.4 | 24.8 | 37.2 |

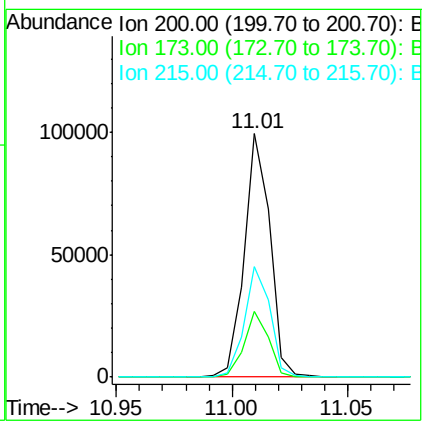


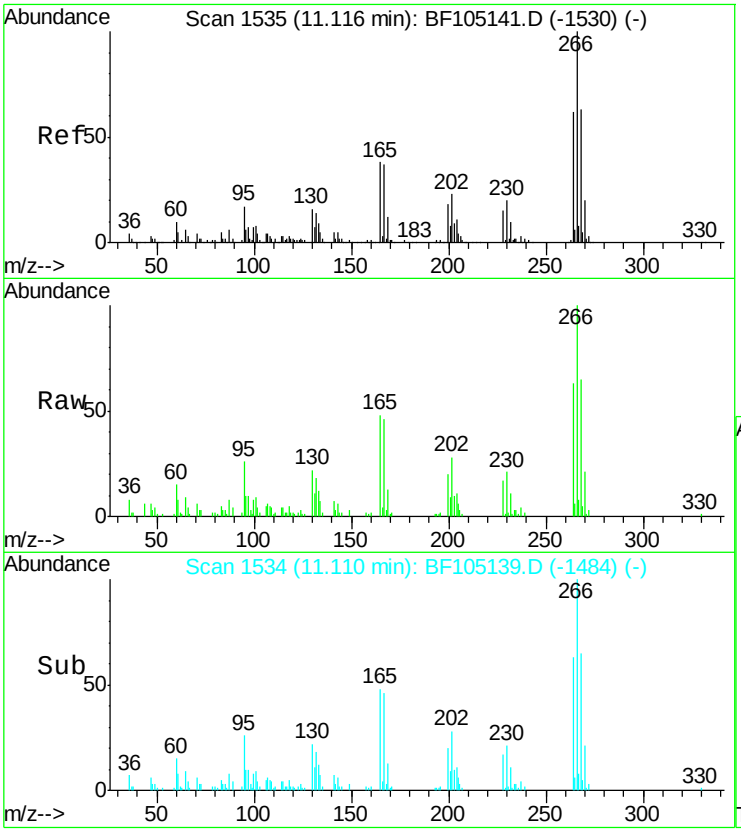




#68
Atrazine
Concen: 9.270 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:200 Resp: 77241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.2 | 8.6 | 48.6 |
| 215 | 45.5 | 25.1 | 65.1 |



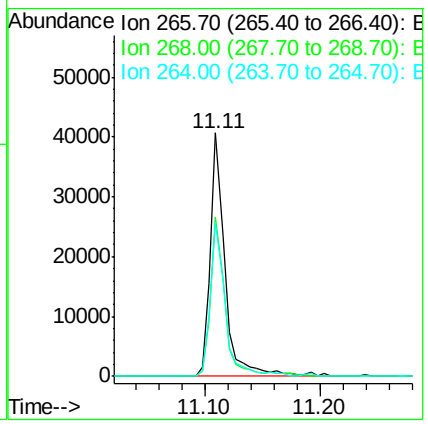


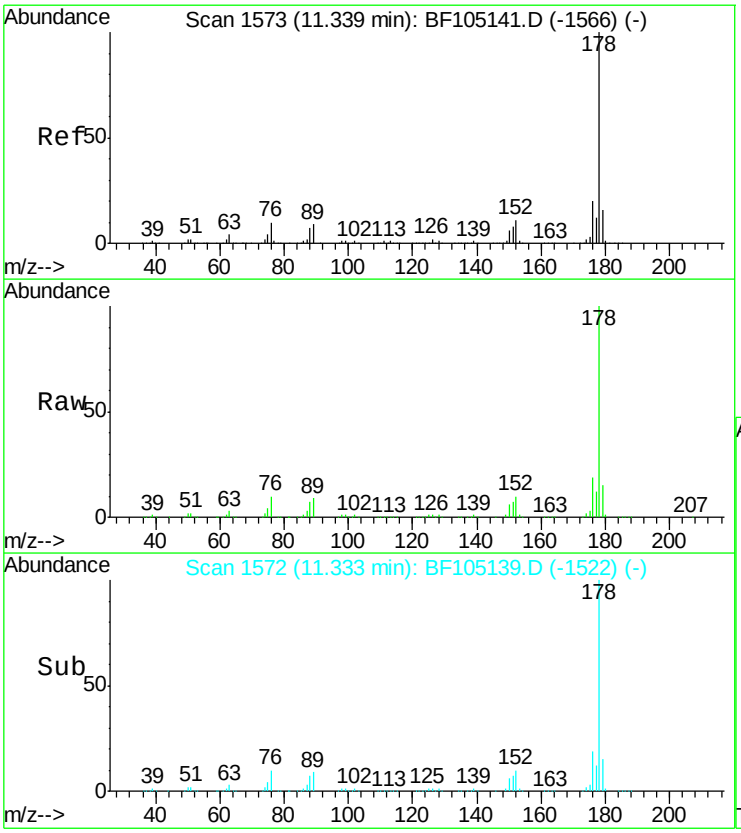

#69
Pentachlorophenol
Concen: 6.141 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:266 Resp: 36198

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.4 | 51.1 | 76.7 |
| 264 | 63.1 | 49.5 | 74.3 |

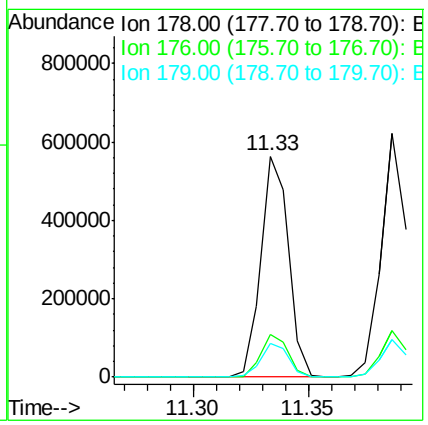


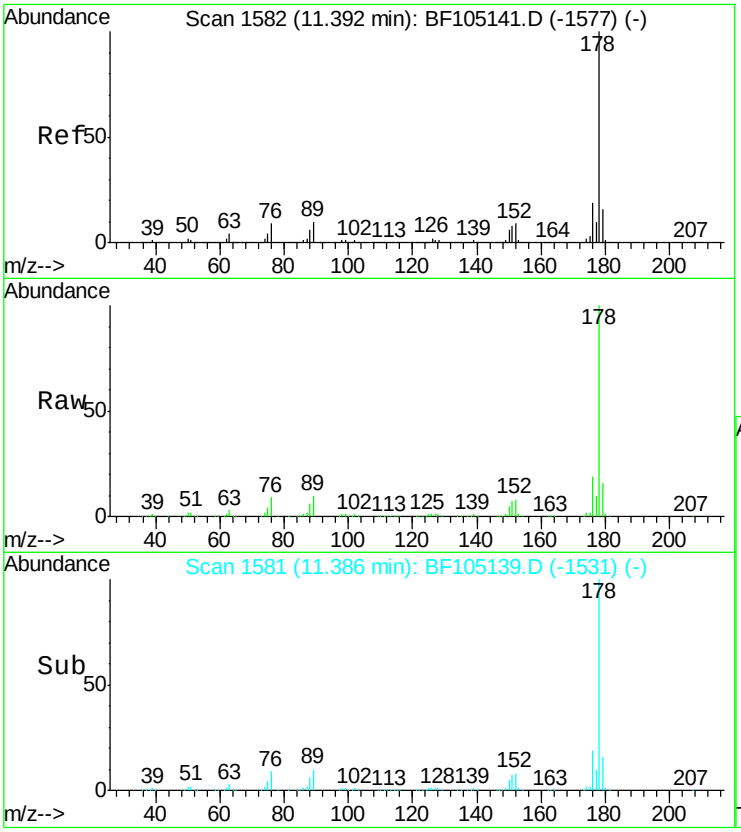




#70
Phenanthrene
Concen: 10.653 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:178 Resp: 472306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.8 | 23.8 |
| 179 | 15.0 | 13.0 | 19.6 |



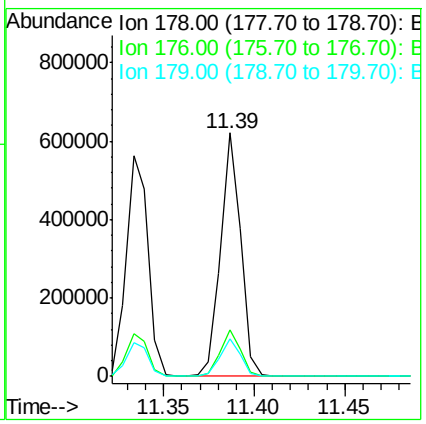


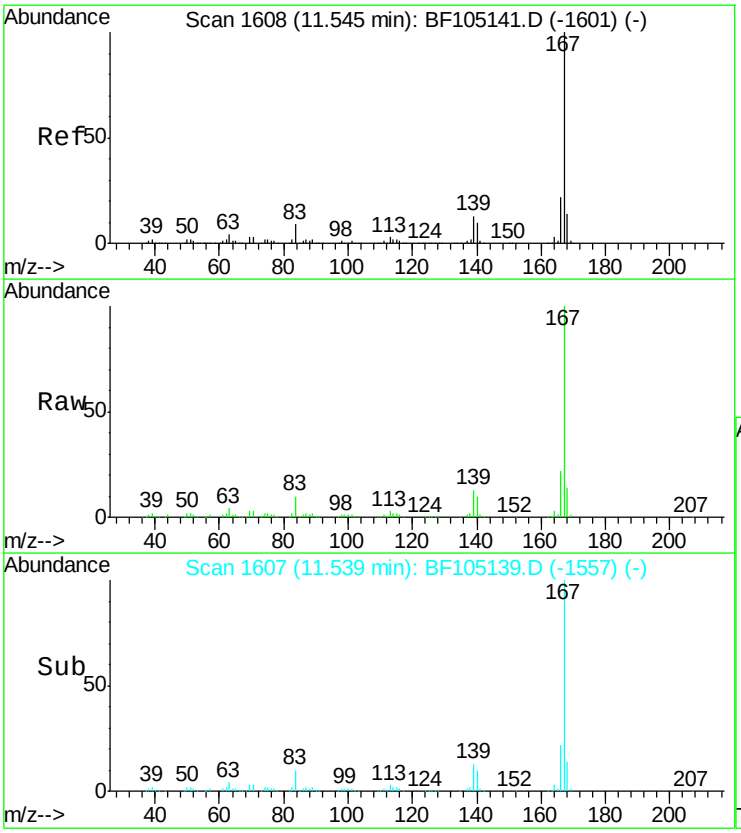

#71
Anthracene
Concen: 10.620 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:178 Resp: 478640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.4 | 23.2 |
| 179 | 15.5 | 12.6 | 19.0 |

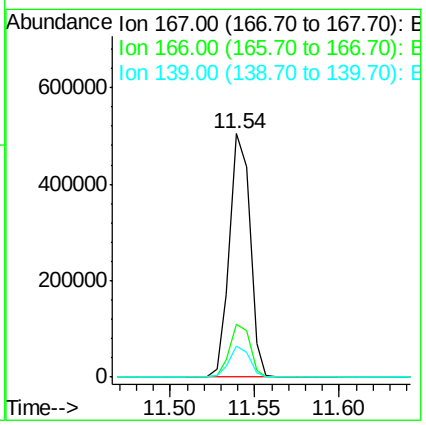


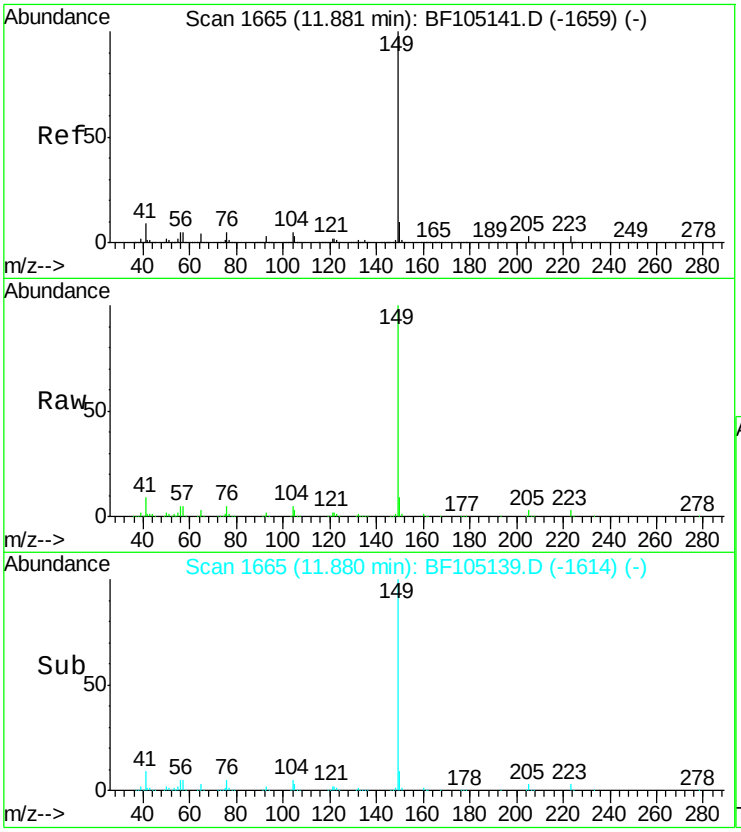




#72
Carbazole
Concen: 9.680 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:167 Resp: 426312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.6 | 26.4 |
| 139 | 13.0 | 10.9 | 16.3 |



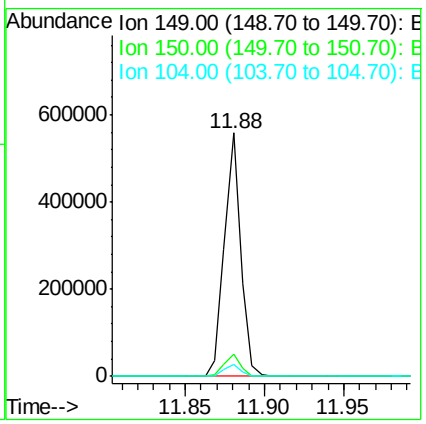


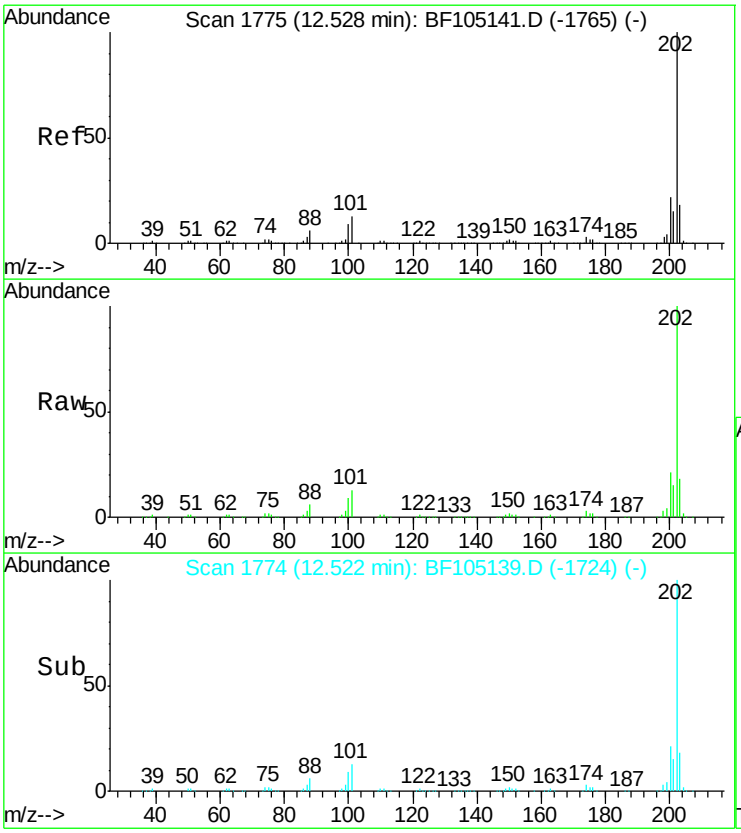

#73
Di-n-butylphthalate
Concen: 7.424 ng
RT: 11.88 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:149 Resp: 399406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.8 | 11.6 |
| 104 | 4.9 | 3.8 | 5.8 |

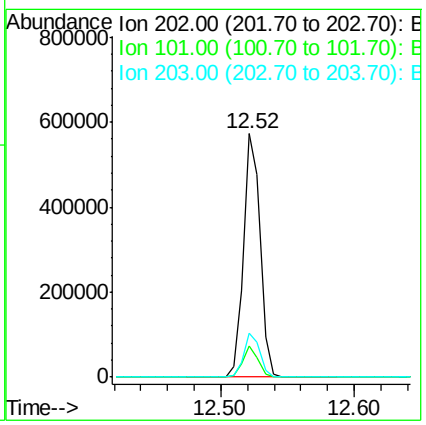


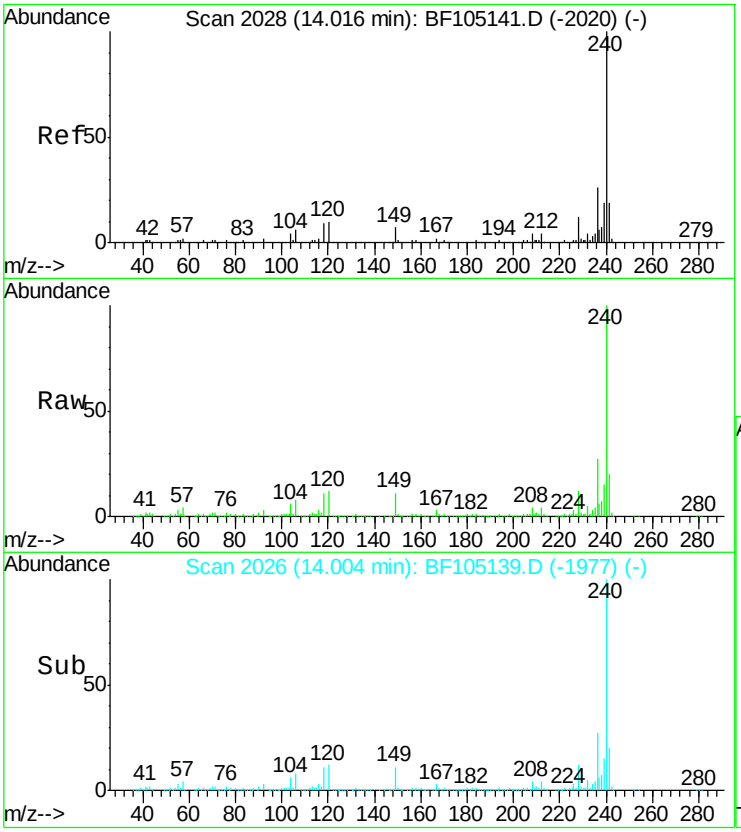




#74
Fluoranthene
Concen: 10.552 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:202 Resp: 488785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.7 | 0.0 | 34.1 |
| 203 | 17.9 | 0.0 | 38.1 |



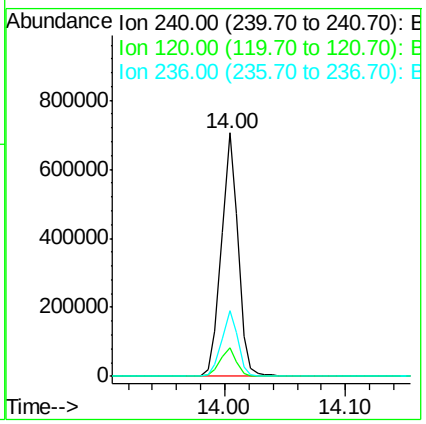


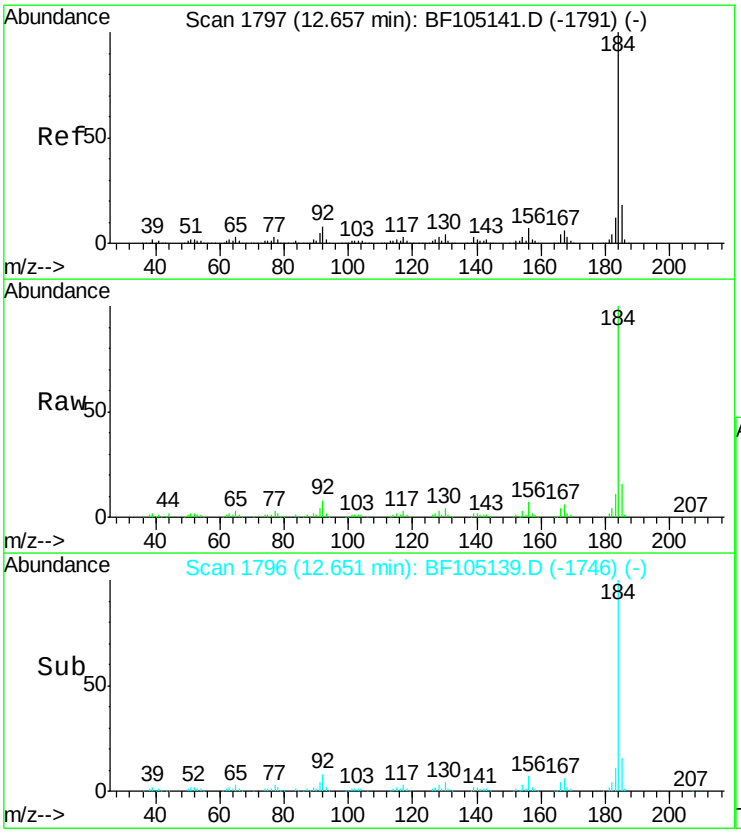

#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:240 Resp: 675288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.7 | 9.5 | 14.3 |
| 236 | 26.8 | 20.7 | 31.1 |

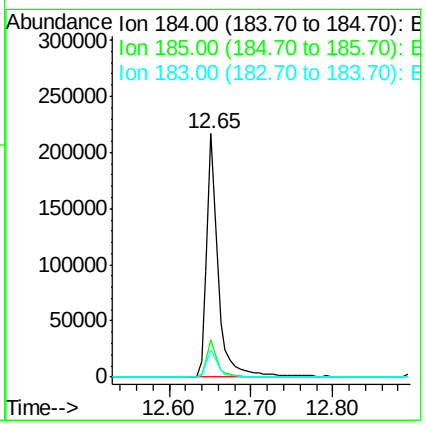


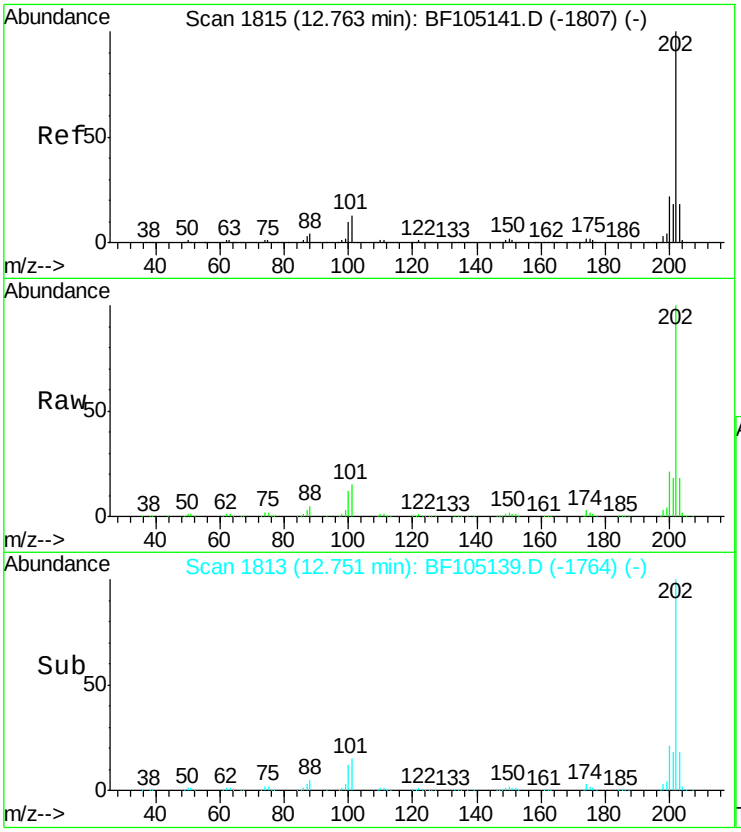




#76
Benzidine
Concen: 9.088 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:184 Resp: 212414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.6 | 12.6 | 18.8 |
| 183 | 11.4 | 9.3 | 13.9 |



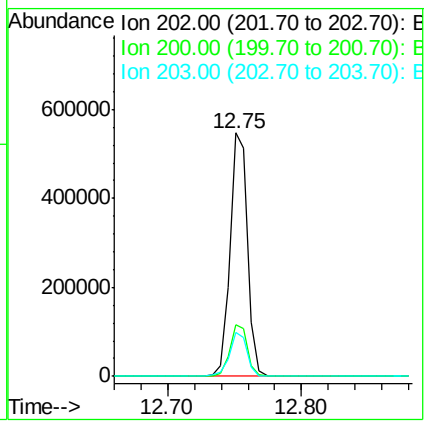


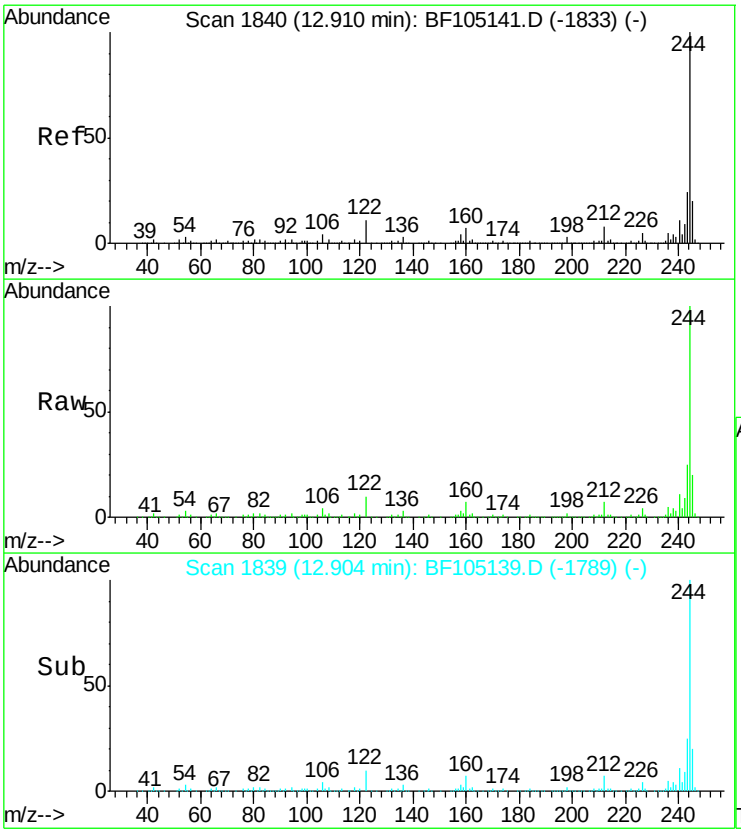

#77
Pyrene
Concen: 10.085 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:202 Resp: 504800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.3 | 17.4 | 26.2 |
| 203 | 18.1 | 14.3 | 21.5 |

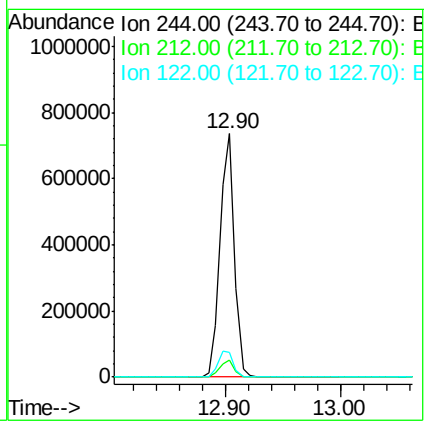


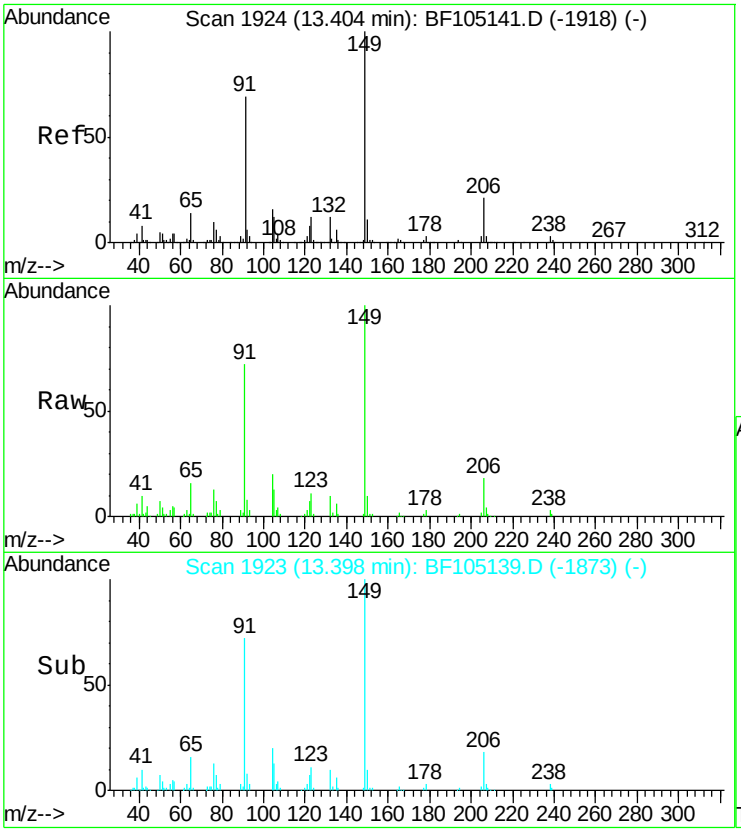




#78
Terphenyl-d14
Concen: 21.374 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:244 Resp: 633098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.4 | 8.0 |
| 122 | 10.4 | 11.0 | 16.4# |



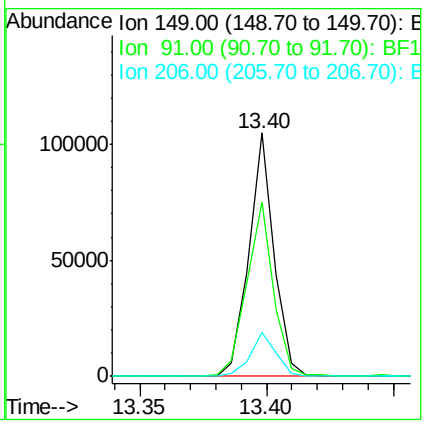


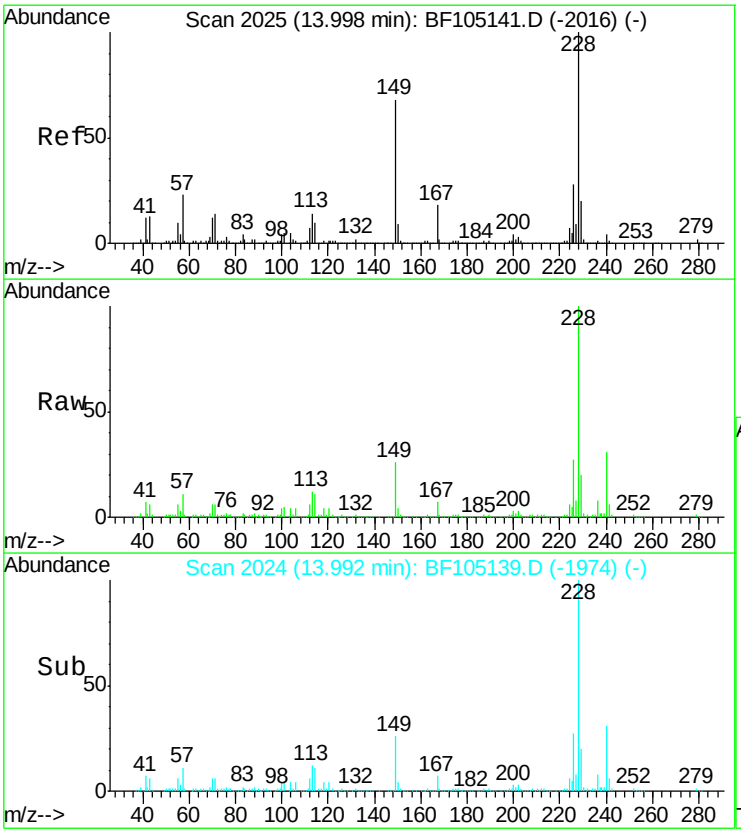

#79
Butylbenzylphthalate
Concen: 3.067 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:149 Resp: 72325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.7 | 56.8 | 85.2 |
| 206 | 17.9 | 14.1 | 21.1 |

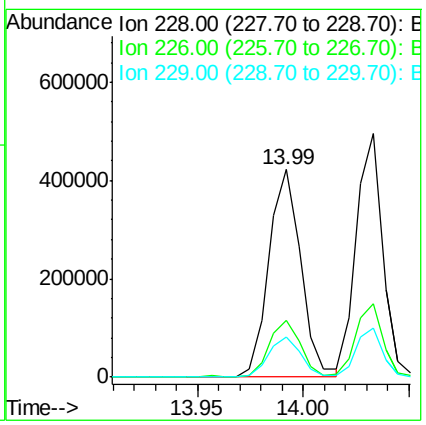


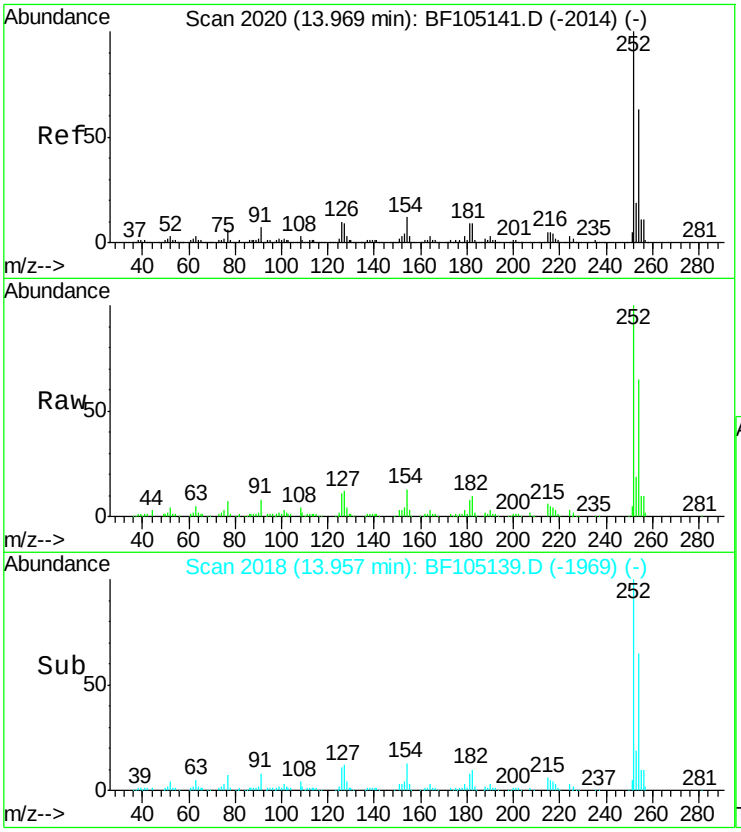




#80
Benzo(a)anthracene
Concen: 11.097 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:228 Resp: 447672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 22.6 | 33.8 |
| 229 | 19.6 | 15.8 | 23.6 |



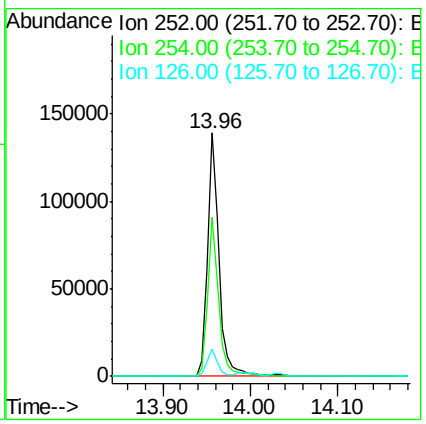


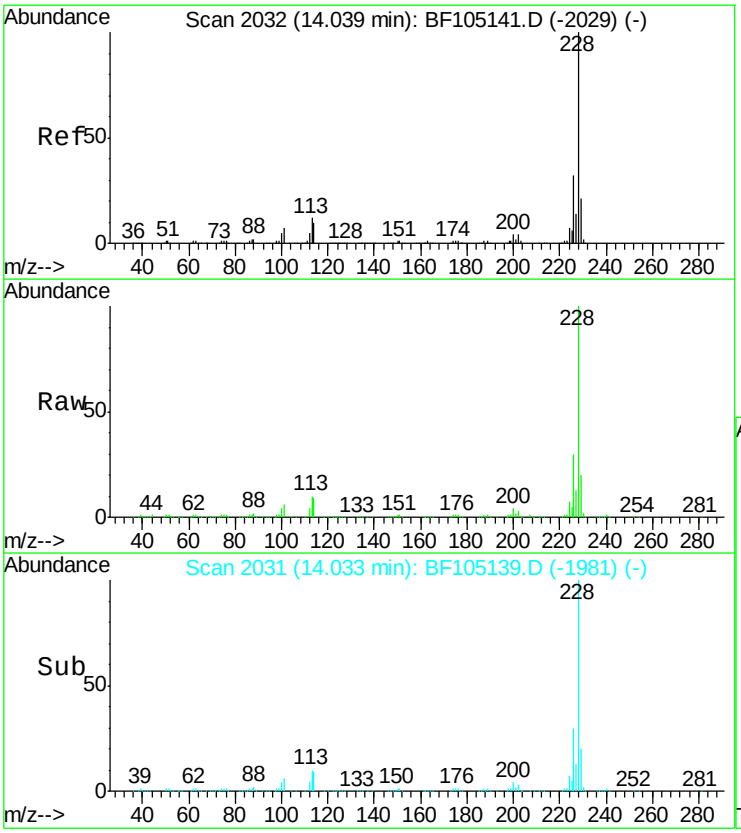

#81
3,3'-Dichlorobenzidine
Concen: 8.536 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:252 Resp: 128396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.3 | 50.4 | 75.6 |
| 126 | 11.1 | 11.3 | 16.9# |

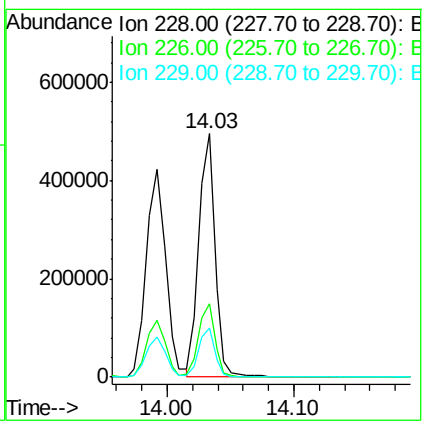


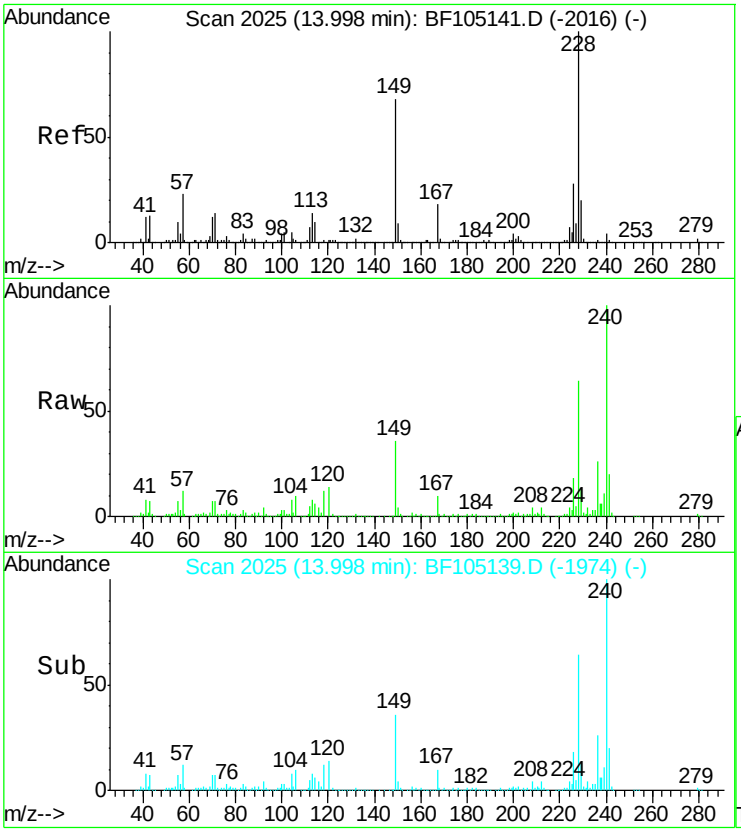




#82
Chrysene
Concen: 10.598 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:228 Resp: 439146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 25.0 | 37.6 |
| 229 | 20.0 | 16.2 | 24.4 |



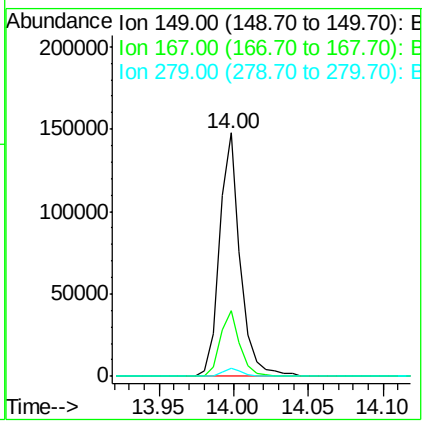


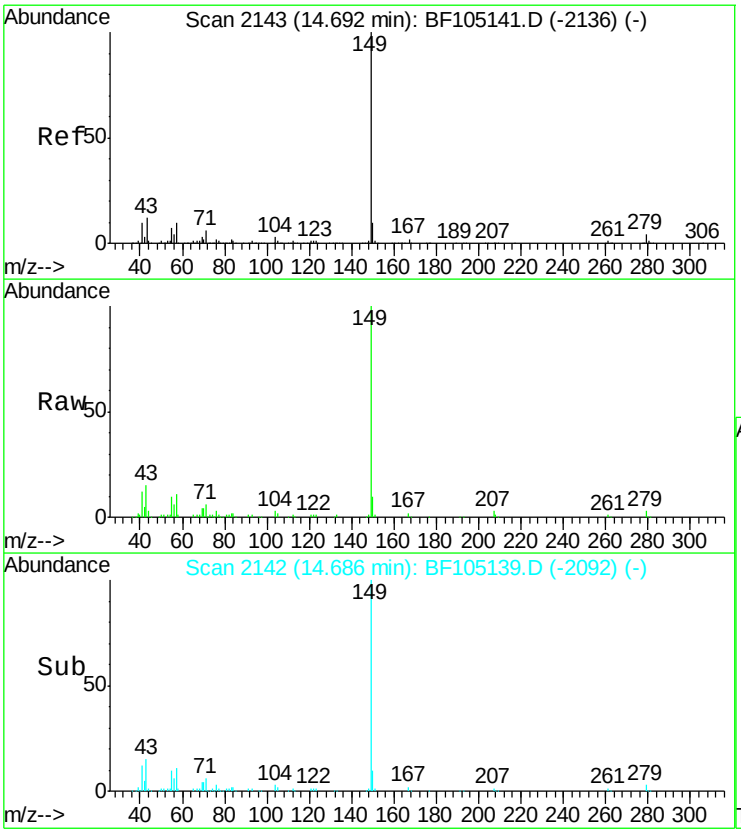

#83
Bis(2-ethylhexyl)phthalate
Concen: 4.762 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:149 Resp: 144439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.8 | 21.3 | 31.9 |
| 279 | 3.5 | 3.0 | 4.4 |

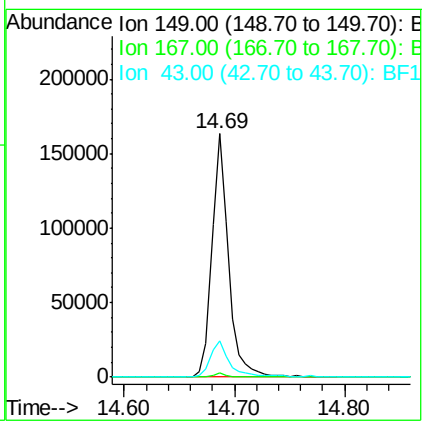


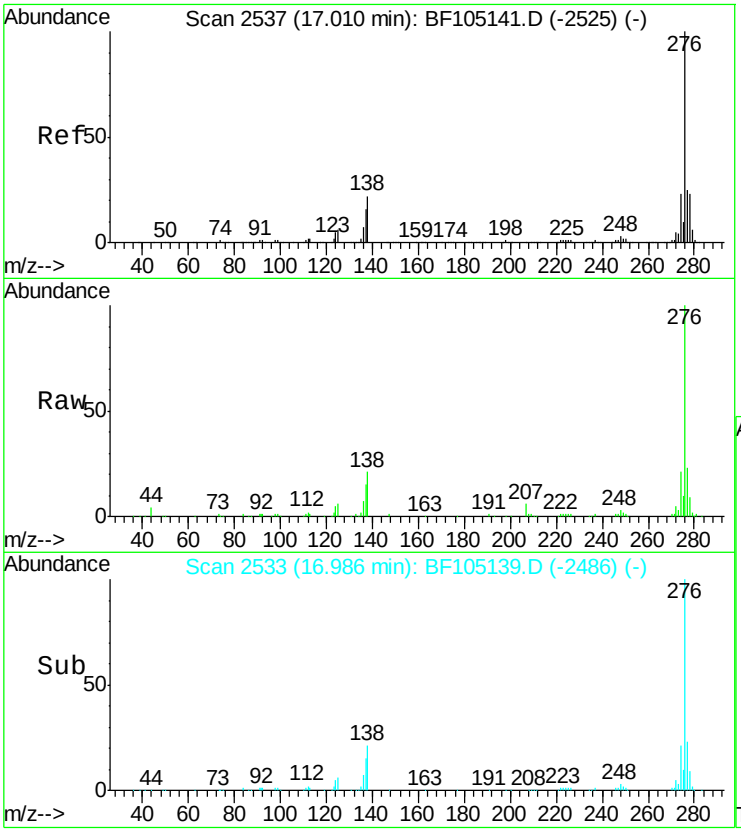




#84
Di-n-octyl phthalate
Concen: 3.314 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:149 Resp: 167983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.2 | 1.8 |
| 43 | 17.9 | 8.4 | 12.6# |



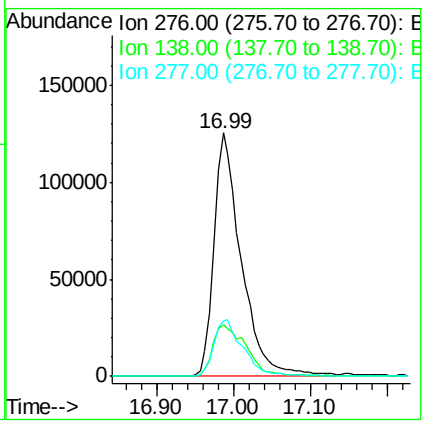


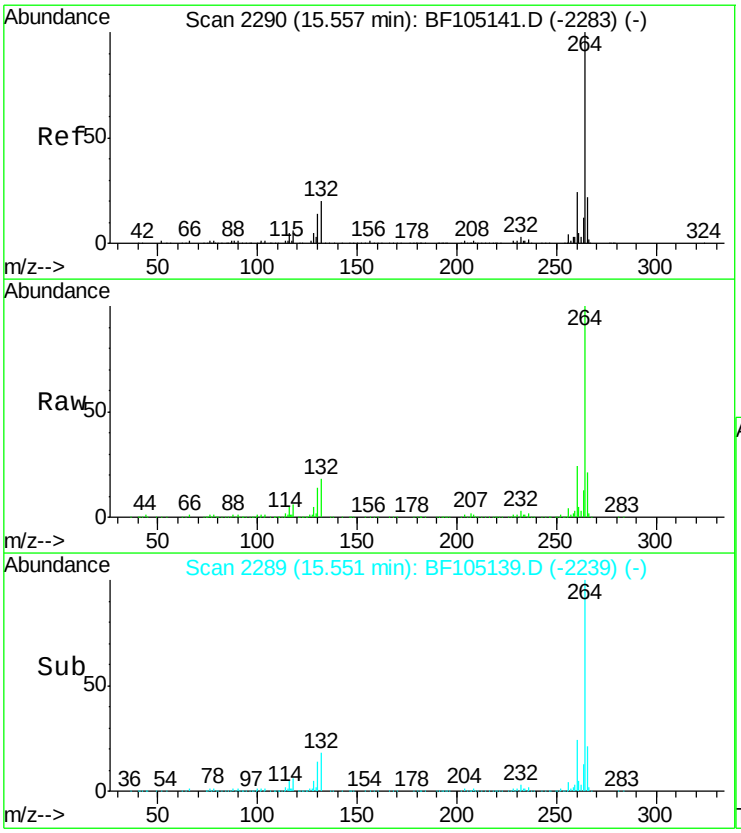

#85
Indeno(1,2,3-cd)pyrene
Concen: 8.740 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:276 Resp: 307672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.9 | 25.0 | 37.6 |
| 277 | 24.8 | 20.1 | 30.1 |

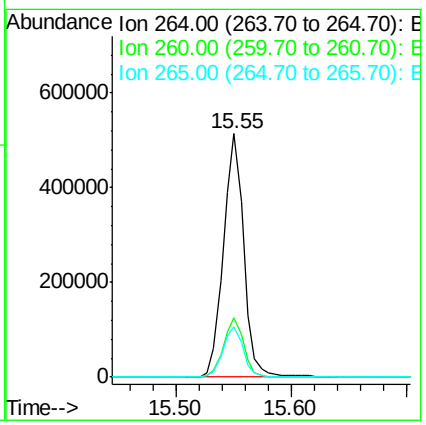


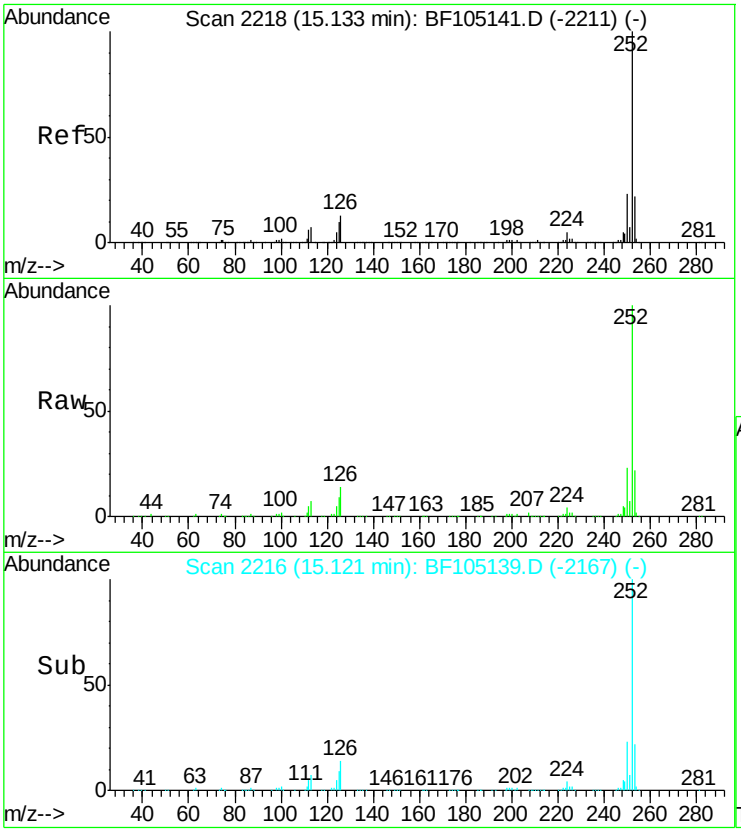




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:264 Resp: 627781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.2 | 28.8 |
| 265 | 20.9 | 17.5 | 26.3 |



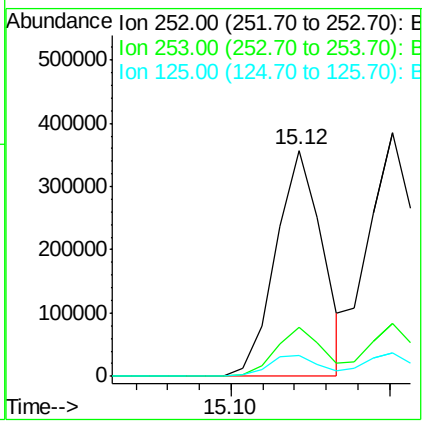


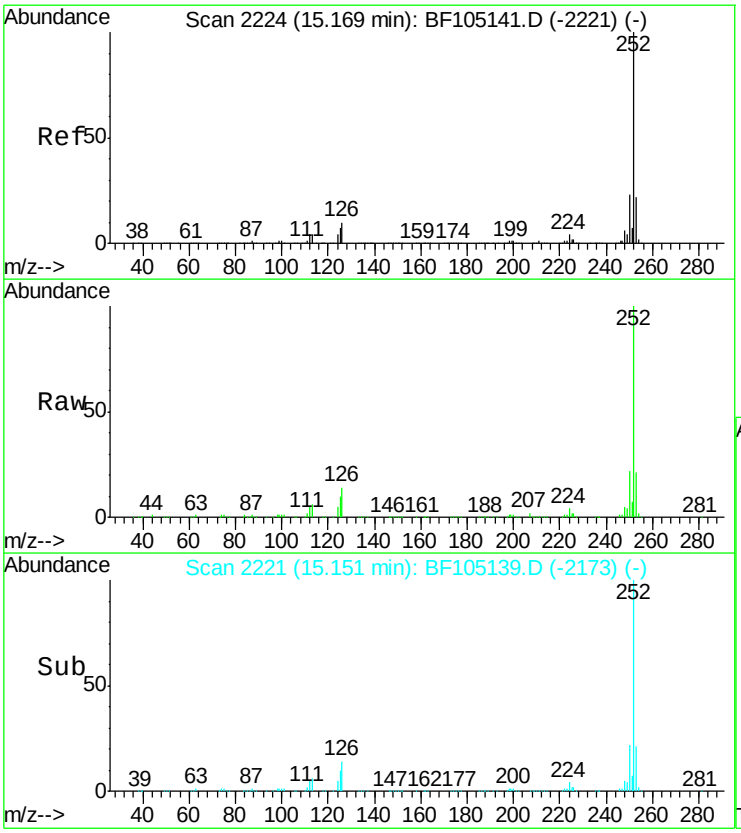

#87
Benzo(b)fluoranthene
Concen: 9.249 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:252 Resp: 366730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.0 | 25.6 |
| 125 | 9.4 | 9.0 | 13.6 |

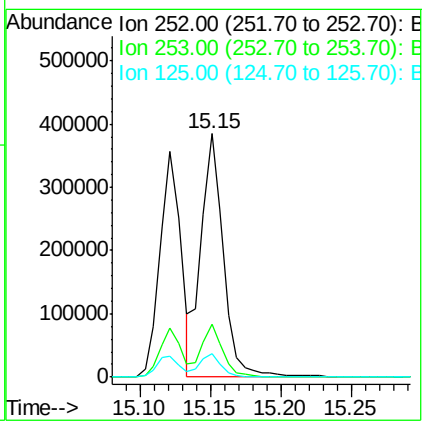


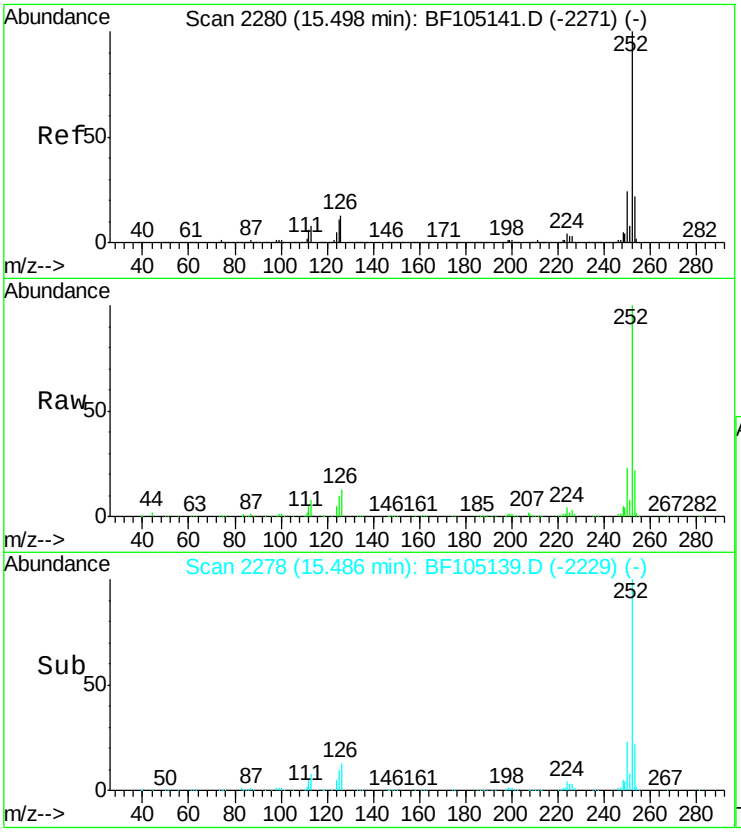




#88
Benzo(k)fluoranthene
Concen: 11.210 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:252 Resp: 419607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.9 | 26.9 |
| 125 | 9.6 | 10.2 | 15.2# |



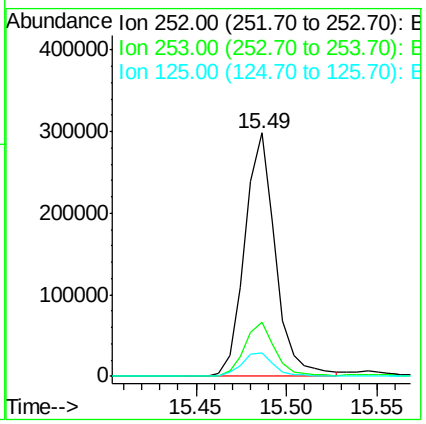


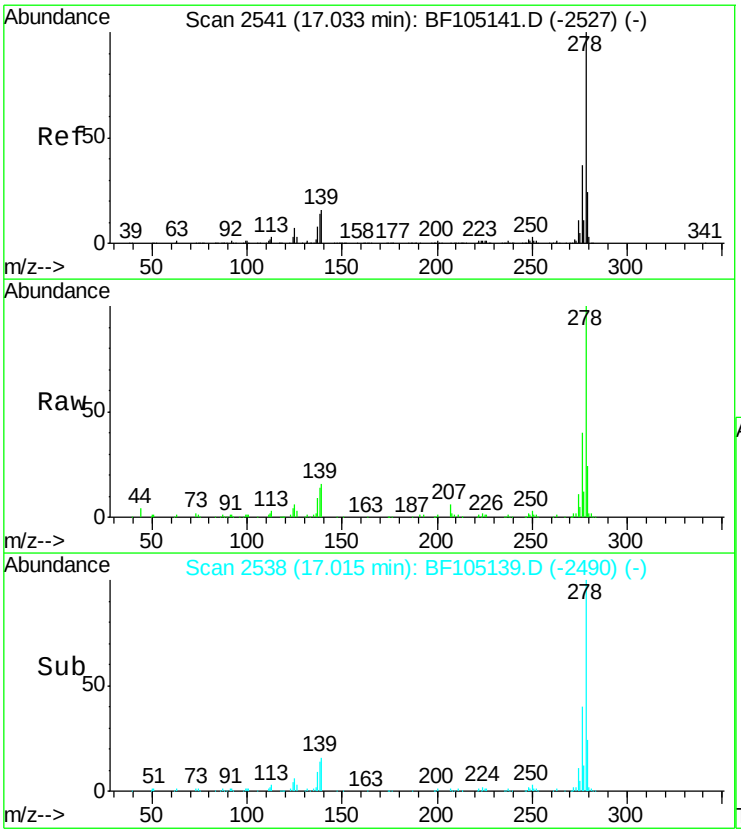

#89
Benzo(a)pyrene
Concen: 9.886 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:252 Resp: 350711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.1 | 25.7 |
| 125 | 9.8 | 9.8 | 14.6 |

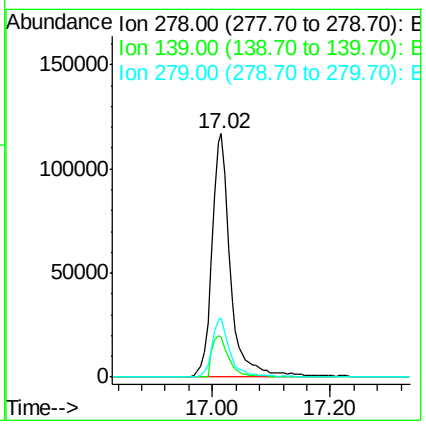


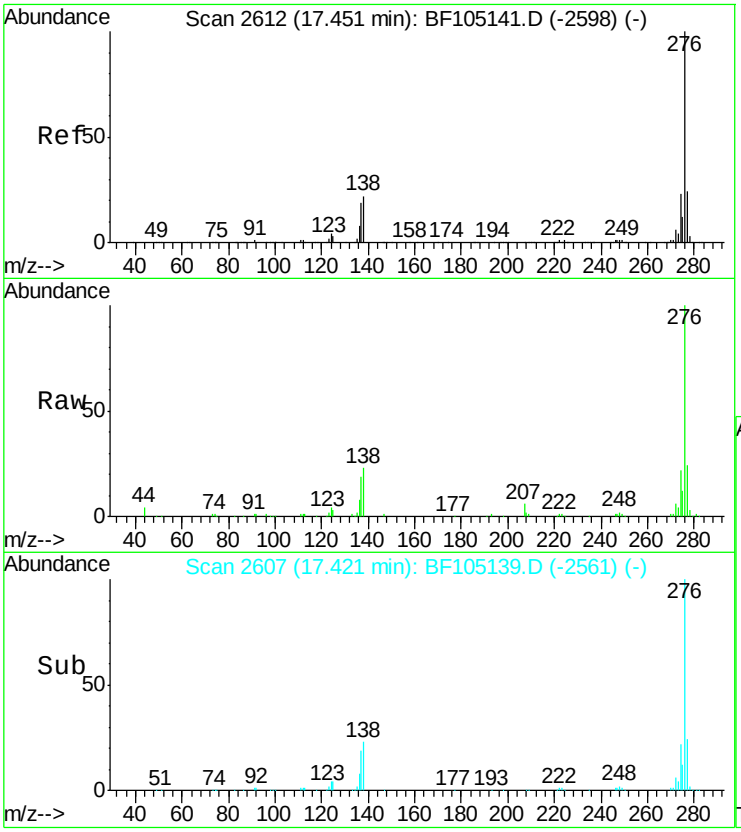




#90
Dibenzo(a,h)anthracene
Concen: 8.742 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

Tgt Ion:278 Resp: 254728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.4 | 15.9 | 23.9 |
| 279 | 24.2 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 9.281 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.03 min
Lab File: BF105139.D
Acq: 8 May 2018 11:40

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

Tgt Ion:276 Resp: 261992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 17.9 | 26.9 |
| 138 | 23.0 | 21.8 | 32.8 |