Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102162.D
Acq On : 17 Jan 2018 20:47
Operator : SJ/JU
Sample : J1152-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 18 01:10:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.72 | 152 | 154297 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.00 | 136 | 606345 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.76 | 164 | 255585 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.24 | 188 | 389584 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.87 | 240 | 236662 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.29 | 264 | 255531 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 1275378 | 116.72 | ng | | 0.02 |
| 7) Phenol-d6 | 6.37 | 99 | 1541675 | 118.25 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.29 | 82 | 974429 | 94.44 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.55 | 330 | 295818 | 132.63 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.09 | 172 | 1548428 | 94.65 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.82 | 244 | 1024887 | 89.91 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.46 | 88 | 161218 | 29.565 | ng | | 96 |
| 3) Pyridine | 3.16 | 79 | 414667 | 27.845 | ng | | 93 |
| 4) n-Nitrosodimethylamine | 3.13 | 42 | 228477 | 36.638 | ng | # | 90 |
| 6) Aniline | 6.39 | 93 | 410504 | 22.343 | ng | | 97 |
| 8) 2-Chlorophenol | 6.51 | 128 | 417440 | 38.091 | ng | | 99 |
| 9) Benzaldehyde | 6.27 | 77 | 56763 | 6.271 | ng | | 95 |
| 10) Phenol | 6.38 | 94 | 549472 | 37.295 | ng | | 76 |
| 11) bis(2-Chloroethyl)ether | 6.47 | 93 | 383902 | 34.234 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.66 | 146 | 447837 | 35.450 | ng | | 100 |
| 13) 1,4-Dichlorobenzene | 6.74 | 146 | 451494 | 35.816 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.89 | 146 | 418005 | 35.826 | ng | | 99 |
| 15) Benzyl Alcohol | 6.87 | 79 | 345784 | 36.260 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.00 | 45 | 647370 | 31.316 | ng | | 99 |
| 17) 2-Methylphenol | 6.99 | 107 | 342127 | 34.607 | ng | | 97 |
| 18) Hexachloroethane | 7.23 | 117 | 148723 | 33.503 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.15 | 70 | 282536 | 33.070 | ng | | 95 |
| 20) 3+4-Methylphenols | 7.14 | 107 | 401872 | 33.856 | ng | # | 70 |
| 22) Acetophenone | 7.14 | 105 | 575993 | 39.426 | ng | # | 89 |
| 24) Nitrobenzene | 7.31 | 77 | 425621 | 38.387 | ng | | 99 |
| 25) Isophorone | 7.55 | 82 | 783620 | 38.435 | ng | | 98 |
| 26) 2-Nitrophenol | 7.62 | 139 | 214386 | 46.197 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 7.66 | 122 | 352785 | 40.705 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.76 | 93 | 486050 | 39.483 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.87 | 162 | 348963 | 42.404 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.95 | 180 | 332708 | 38.651 | ng | | 98 |
| 31) Naphthalene | 8.03 | 128 | 1160121 | 38.290 | ng | | 100 |
| 32) Benzoic acid | 7.66 | 122 | 352785 | 53.680 | ng | # | 14 |
| 33) 4-Chloroaniline | 8.07 | 127 | 261427 | 20.216 | ng | | 100 |
| 34) Hexachlorobutadiene | 8.14 | 225 | 178185 | 39.107 | ng | | 97 |
| 35) Caprolactam | 8.46 | 113 | 73563 | 26.038 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.57 | 107 | 360354 | 40.003 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.72 | 142 | 775952 | 38.903 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.89 | 216 | 308169 | 42.620 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.87 | 237 | 160368 | 40.554 | ng | | 95 |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102162.D
Acq On : 17 Jan 2018 20:47
Operator : SJ/JU
Sample : J1152-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 18 01:10:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.00 | 196 | 220524 | 44.257 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.05 | 196 | 225258 | 39.998 | ng | | 99 |
| 45) 1,1'-Biphenyl | 9.19 | 154 | 890985 | 39.440 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.21 | 162 | 677575 | 38.678 | ng | | 98 |
| 47) 2-Nitroaniline | 9.31 | 65 | 225070 | 42.890 | ng | | 95 |
| 48) Acenaphthylene | 9.62 | 152 | 1007938 | 36.255 | ng | | 99 |
| 49) Dimethylphthalate | 9.49 | 163 | 975080 | 47.558 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.55 | 165 | 174782 | 42.676 | ng | | 99 |
| 51) Acenaphthene | 9.79 | 154 | 590908 | 35.018 | ng | | 100 |
| 52) 3-Nitroaniline | 9.72 | 138 | 173980 | 33.659 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 9.82 | 184 | 16461 | 18.037 | ng | # | 21 |
| 54) Dibenzofuran | 9.96 | 168 | 877096 | 37.873 | ng | | 96 |
| 55) 4-Nitrophenol | 9.89 | 139 | 274307 | 71.212 | ng | | 99 |
| 56) 2,4-Dinitrotoluene | 9.95 | 165 | 219070 | 42.676 | ng | | 98 |
| 57) Fluorene | 10.31 | 166 | 650385 | 40.625 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.08 | 232 | 166920 | 41.632 | ng | | 98 |
| 59) Diethylphthalate | 10.19 | 149 | 780898 | 38.288 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.30 | 204 | 289603 | 42.482 | ng | | 96 |
| 61) 4-Nitroaniline | 10.33 | 138 | 174497 | 35.573 | ng | | 94 |
| 62) Azobenzene | 10.46 | 77 | 742802 | 36.606 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.36 | 198 | 33938 | 19.810 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 10.42 | 169 | 608431 | 41.707 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.79 | 248 | 179828 | 43.709 | ng | | 97 |
| 67) Hexachlorobenzene | 10.85 | 284 | 179805 | 40.033 | ng | | 94 |
| 68) Atrazine | 10.95 | 200 | 189253 | 44.890 | ng | | 99 |
| 69) Pentachlorophenol | 11.05 | 266 | 176834 | 64.566 | ng | | 99 |
| 70) Phenanthrene | 11.27 | 178 | 856319 | 37.629 | ng | | 98 |
| 71) Anthracene | 11.32 | 178 | 873703 | 37.856 | ng | | 100 |
| 72) Carbazole | 11.47 | 167 | 791782 | 34.903 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.80 | 149 | 1080615 | 38.827 | ng | | 99 |
| 74) Fluoranthene | 12.45 | 202 | 725830 | 32.418 | ng | | 95 |
| 76) Benzidine | 12.57 | 184 | 293597 | 25.691 | ng | | 97 |
| 77) Pyrene | 12.67 | 202 | 710644 | 33.971 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.30 | 149 | 347213 | 36.166 | ng | | 95 |
| 80) Benzo(a)anthracene | 13.86 | 228 | 565248 | 37.434 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.83 | 252 | 210691 | 37.684 | ng | | 99 |
| 82) Chrysene | 13.90 | 228 | 560785 | 35.617 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.86 | 149 | 436899 | 39.670 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.47 | 149 | 763887 | 41.798 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.66 | 276 | 553389 | 48.290 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.89 | 252 | 612743 | 36.776 | ng | | 100 |
| 88) Benzo(k)fluoranthene | 14.92 | 252 | 564820 | 35.141 | ng | | 97 |
| 89) Benzo(a)pyrene | 15.23 | 252 | 579298 | 38.638 | ng | | 99 |
| 90) Dibenzo(a,h)anthracene | 16.69 | 278 | 467479 | 39.071 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.08 | 276 | 430337 | 35.705 | ng | | 99 |

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

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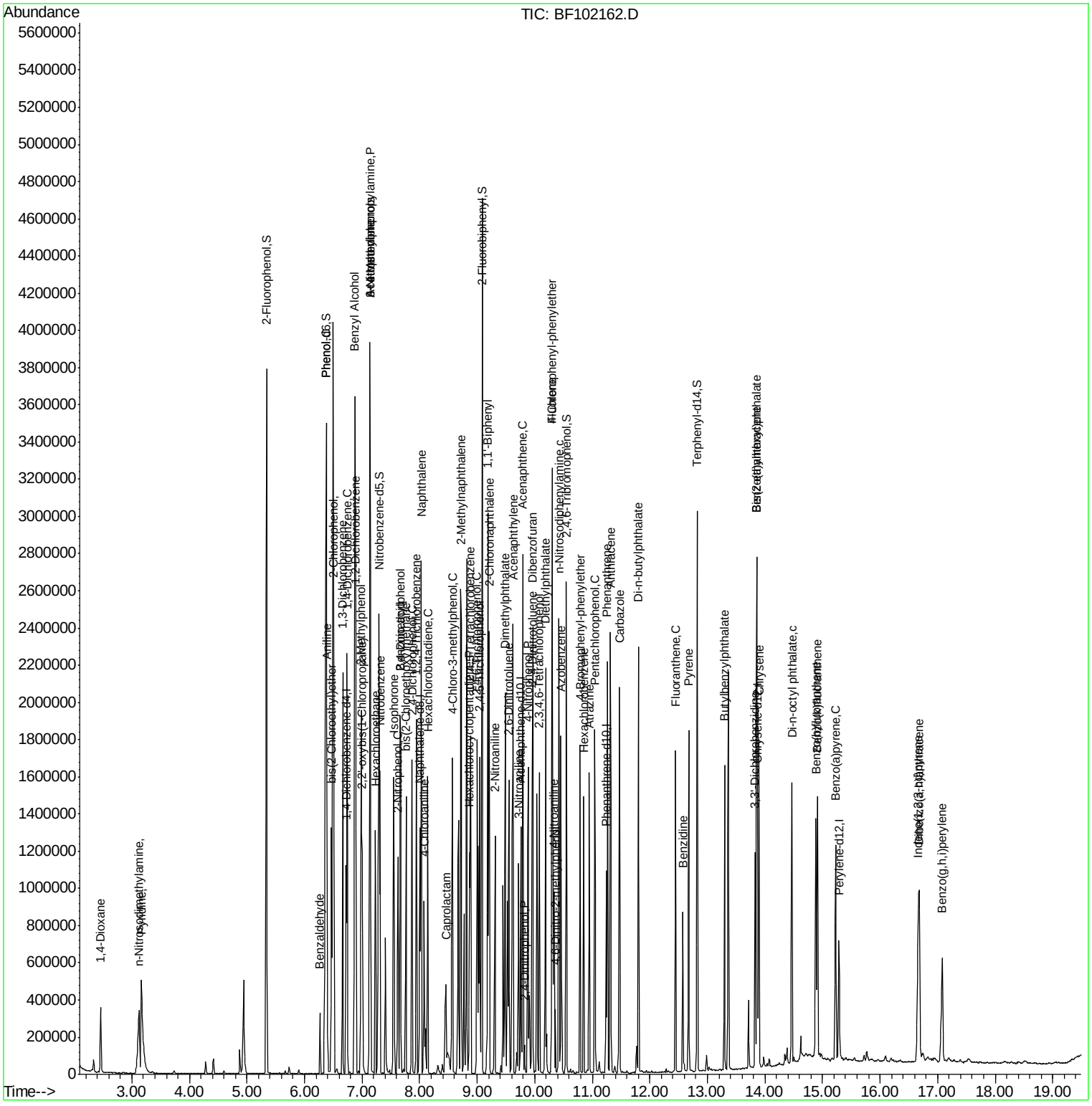
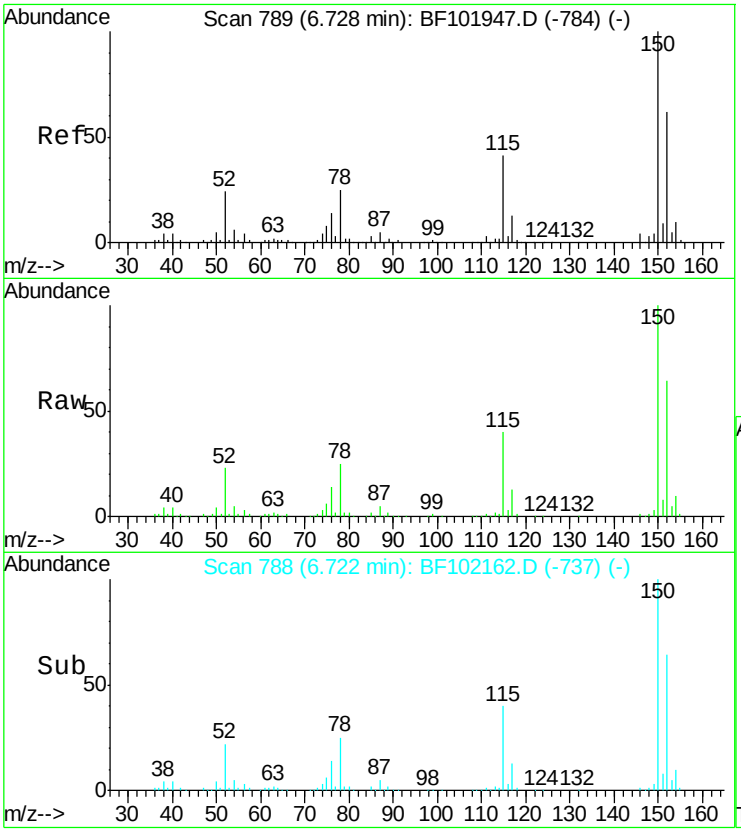
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102162.D
Acq On : 17 Jan 2018 20:47
Operator : SJ/JU
Sample : J1152-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 18 01:10:06 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration



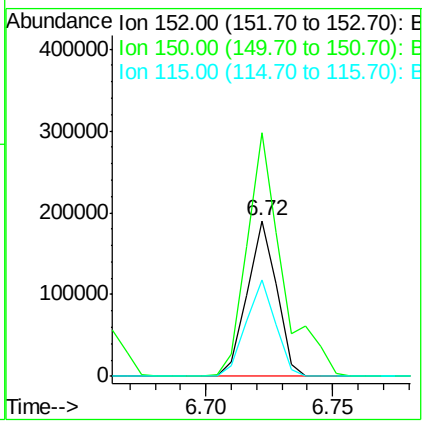


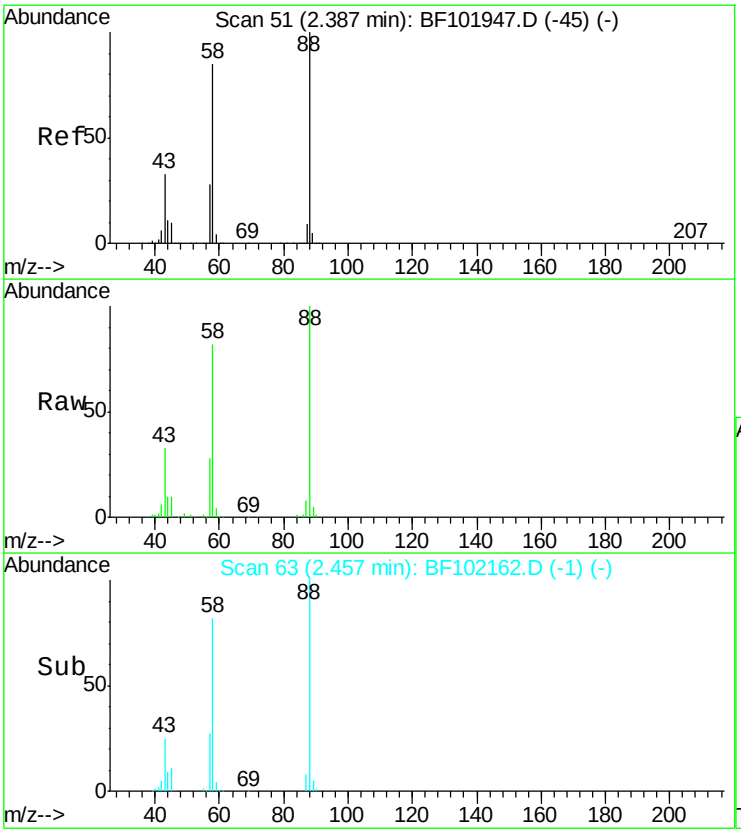

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:152 Resp: 154297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 124.6 | 186.8 |
| 115 | 62.3 | 50.1 | 75.1 |

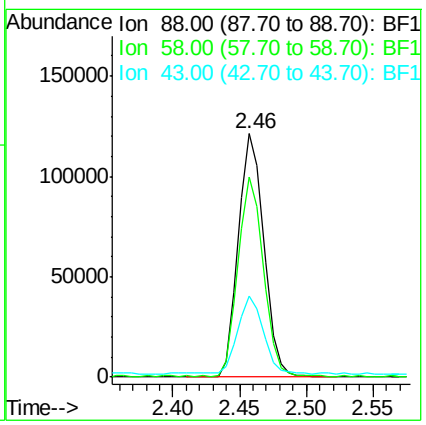


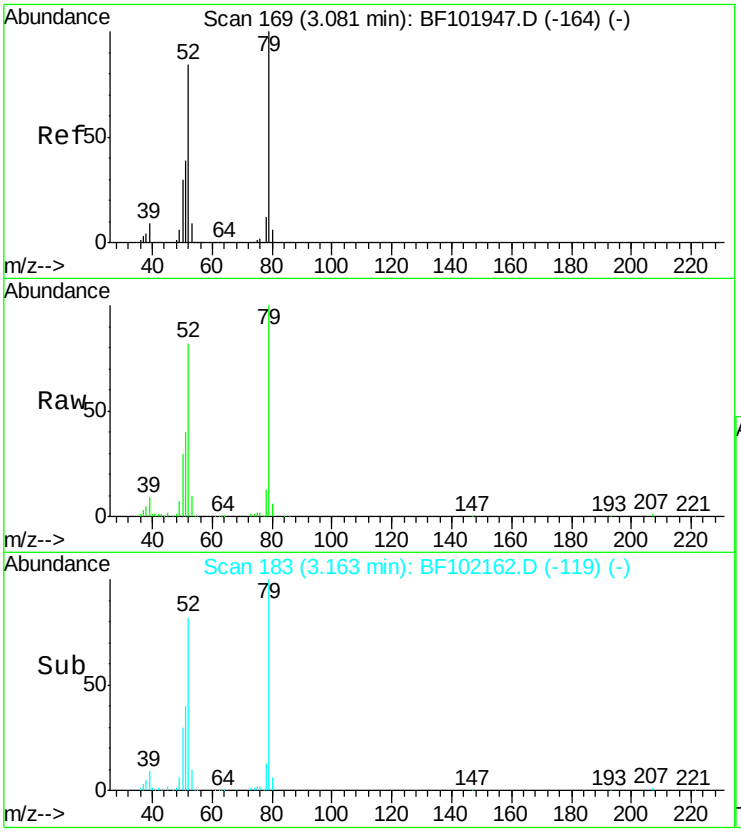




#2
1,4-Dioxane
Concen: 29.565 ng
RT: 2.46 min Scan# 63
Delta R.T. 0.08 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion: 88 Resp: 161218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.1 | 62.6 | 93.8 |
| 43 | 33.3 | 24.6 | 37.0 |



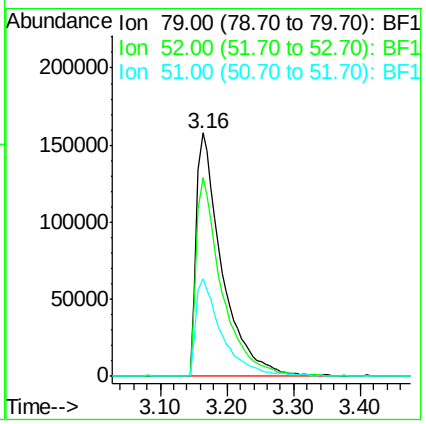


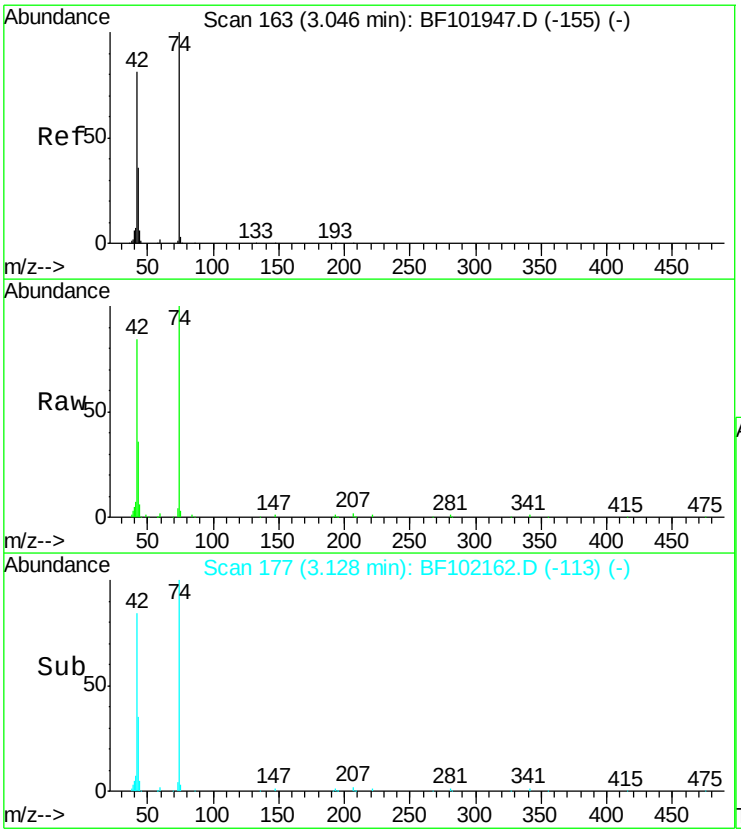

#3
Pyridine
Concen: 27.845 ng
RT: 3.16 min Scan# 183
Delta R.T. 0.08 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion: 79 Resp: 414667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 81.7 | 59.8 | 89.6 |
| 51 | 40.2 | 29.8 | 44.8 |

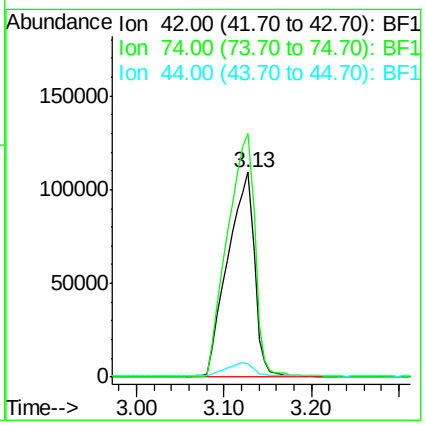


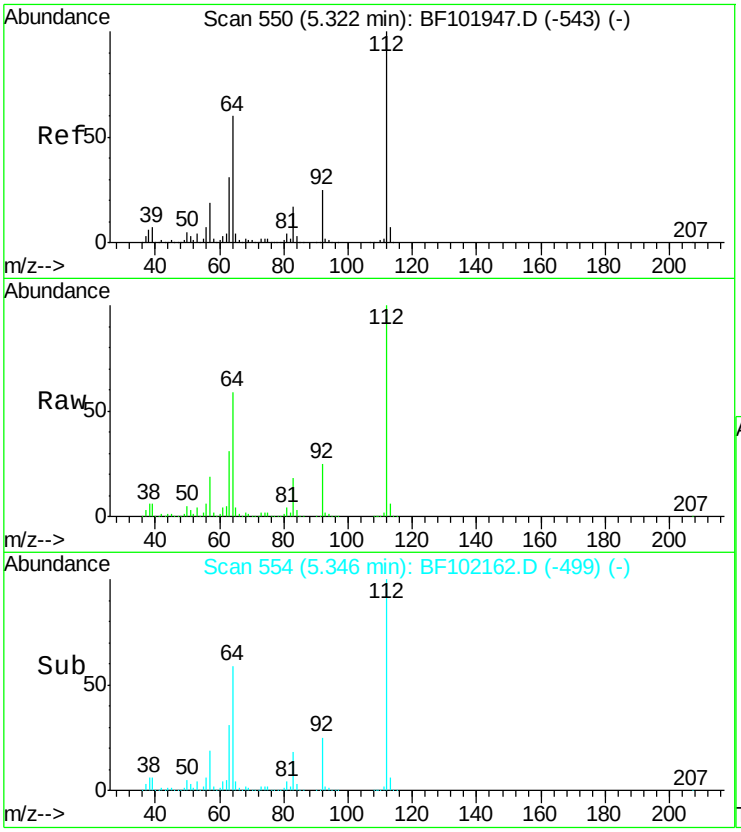




#4
n-Nitrosodimethylamine
Concen: 36.638 ng
RT: 3.13 min Scan# 177
Delta R.T. 0.08 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion: 42 Resp: 228477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 118.9 | 104.9 | 157.3 |
| 44 | 6.7 | 6.9 | 10.3# |



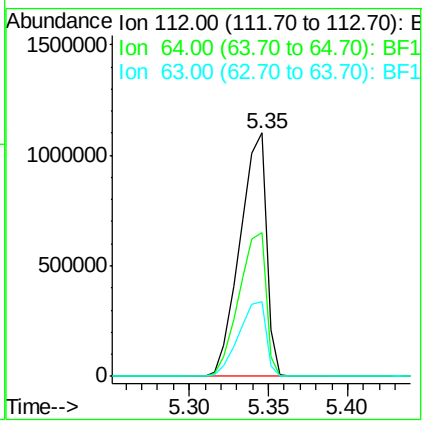


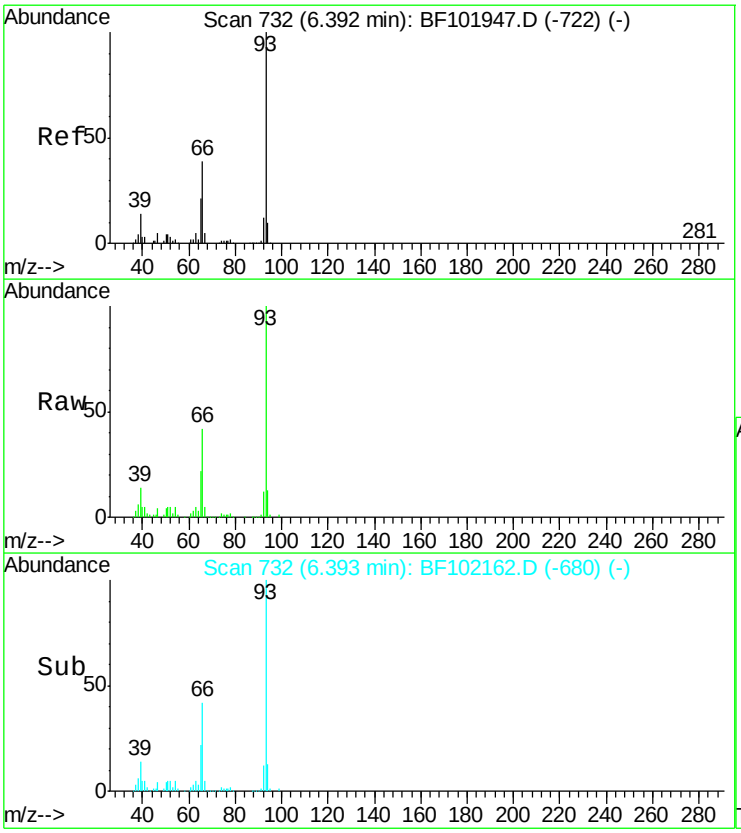

#5
2-Fluorophenol
Concen: 116.719 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:112 Resp: 1275378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.0 | 47.9 | 71.9 |
| 63 | 30.8 | 23.7 | 35.5 |

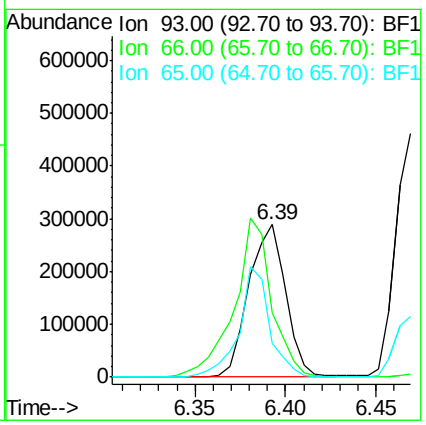


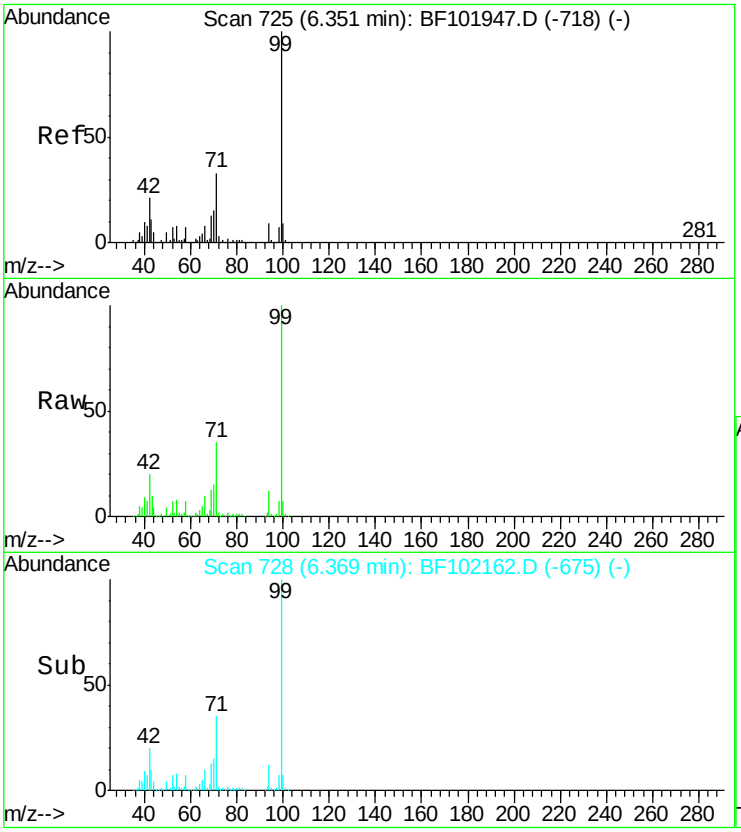




#6
Aniline
Concen: 22.343 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion: 93 Resp: 410504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.2 | 32.2 | 48.2 |
| 65 | 21.7 | 16.4 | 24.6 |



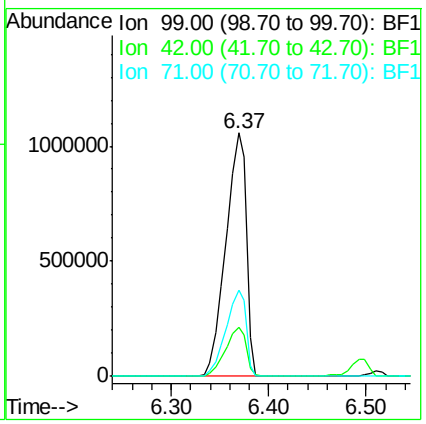


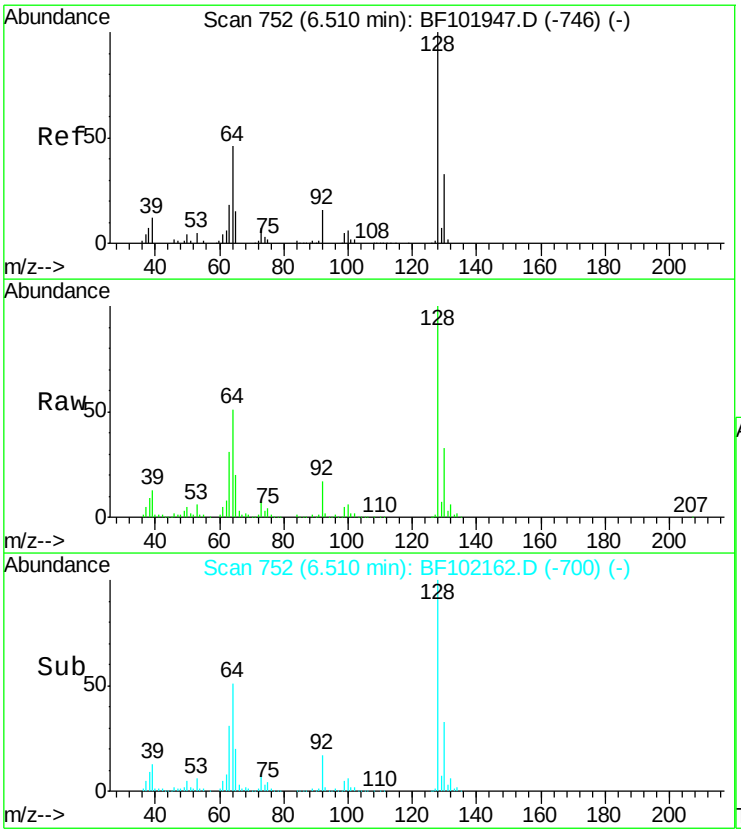

#7
Phenol-d6
Concen: 118.254 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion: 99 Resp: 1541675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.0 | 14.5 | 21.7 |
| 71 | 35.3 | 25.4 | 38.0 |

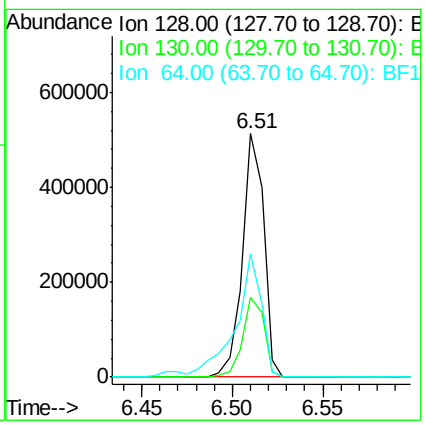


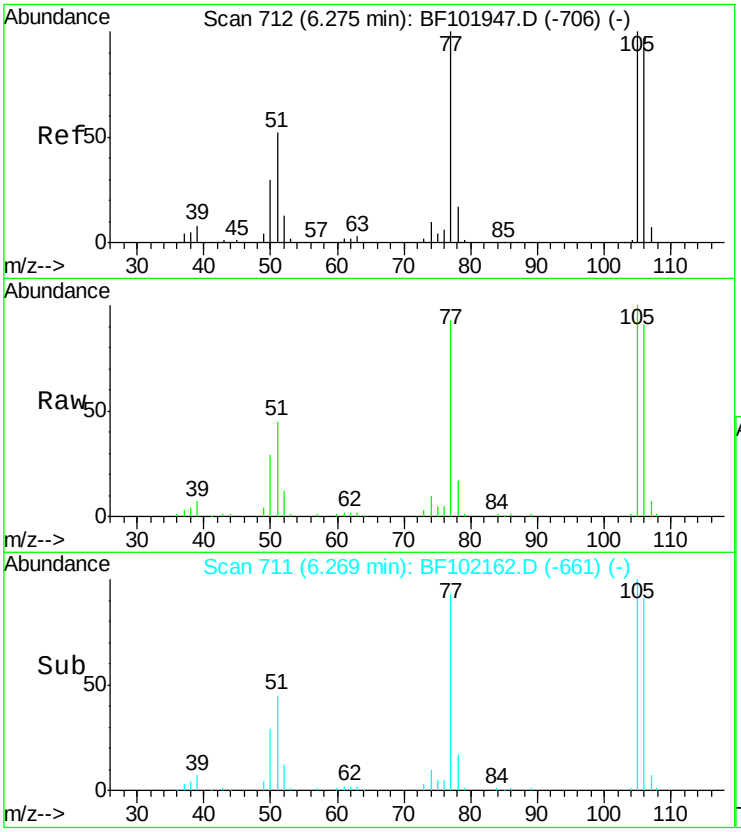




#8
2-Chlorophenol
Concen: 38.091 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:128 Resp: 417440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 13.0 | 53.0 |
| 64 | 50.6 | 29.4 | 69.4 |



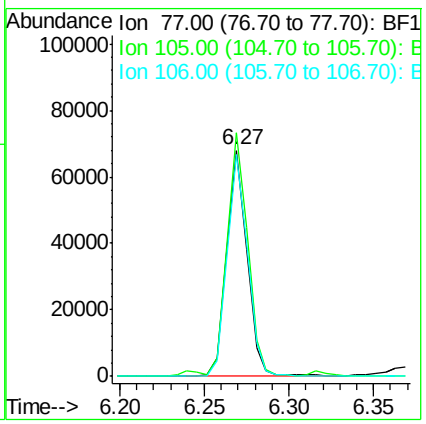


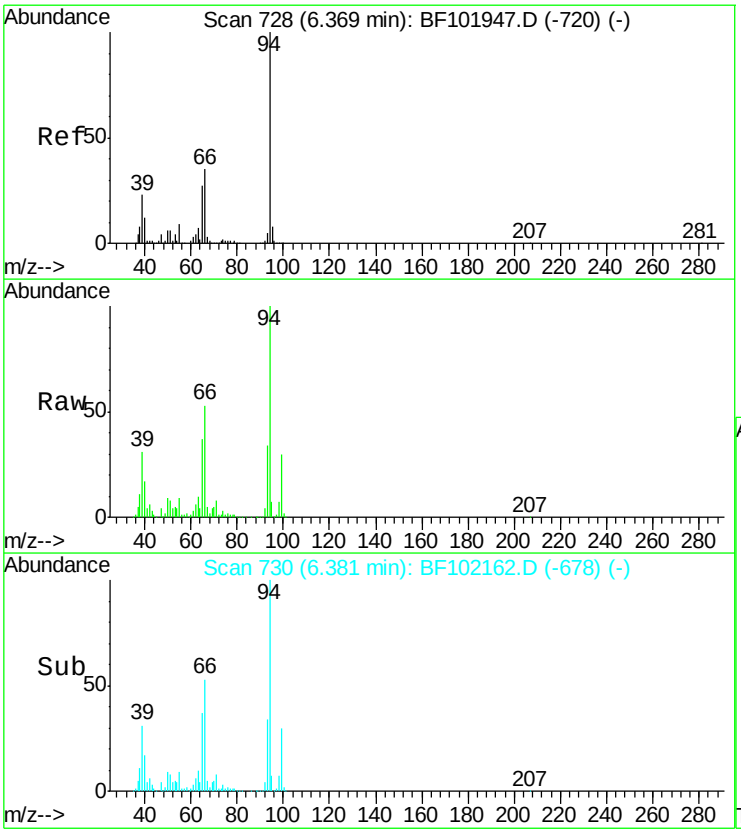

#9
Benzaldehyde
Concen: 6.271 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion: 77 Resp: 56763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 107.8 | 81.1 | 121.1 |
| 106 | 98.5 | 74.5 | 114.5 |

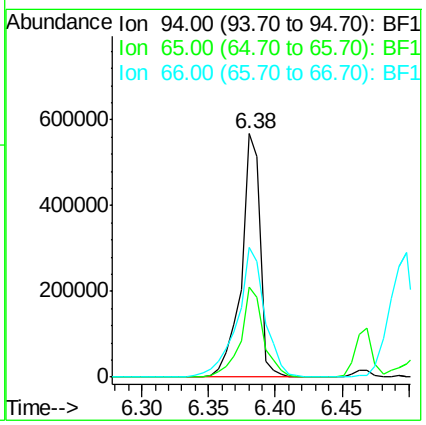


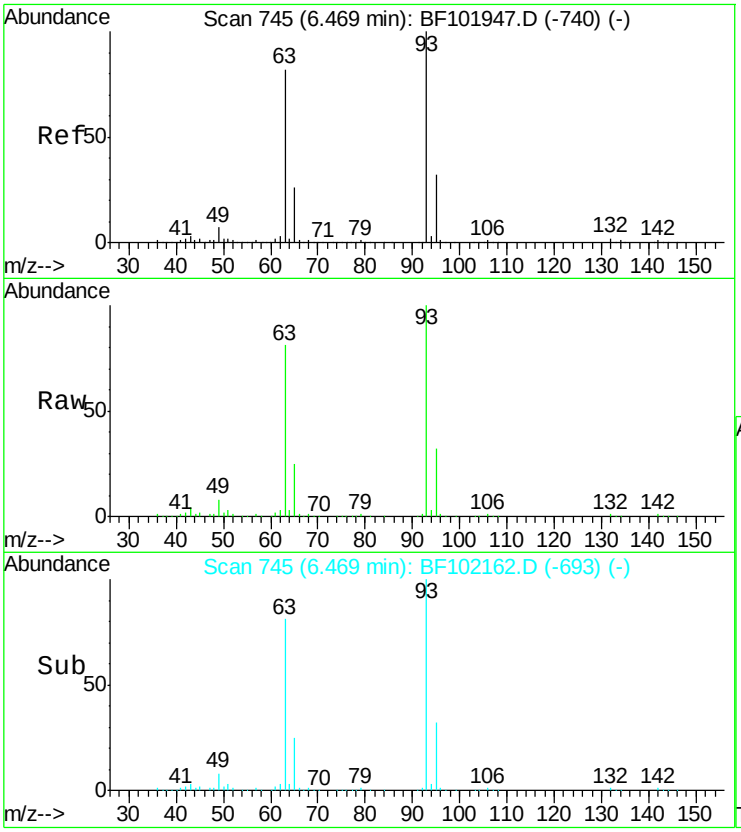




#10
Phenol
Concen: 37.295 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion: 94 Resp: 549472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.8 | 7.9 | 47.9 |
| 66 | 53.1 | 16.2 | 56.2 |



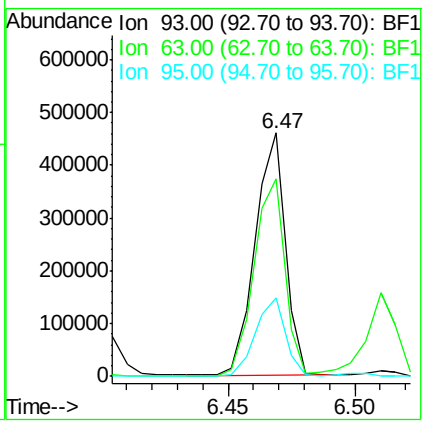


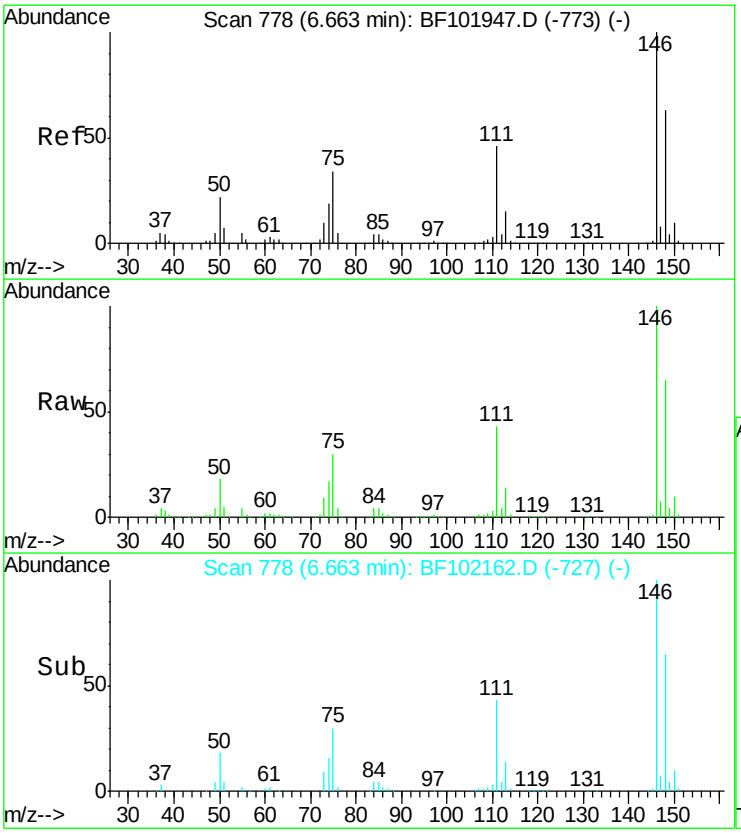

#11
bis(2-Chloroethyl)ether
Concen: 34.234 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion: 93 Resp: 383902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 81.2 | 58.6 | 98.6 |
| 95 | 32.1 | 11.8 | 51.8 |

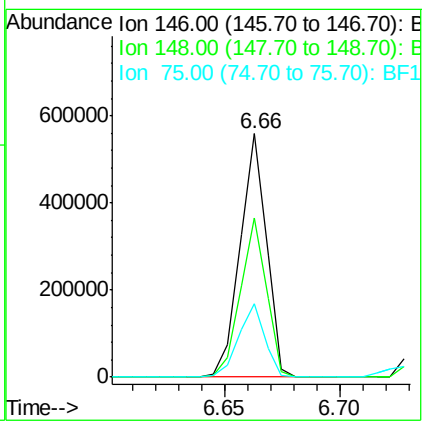


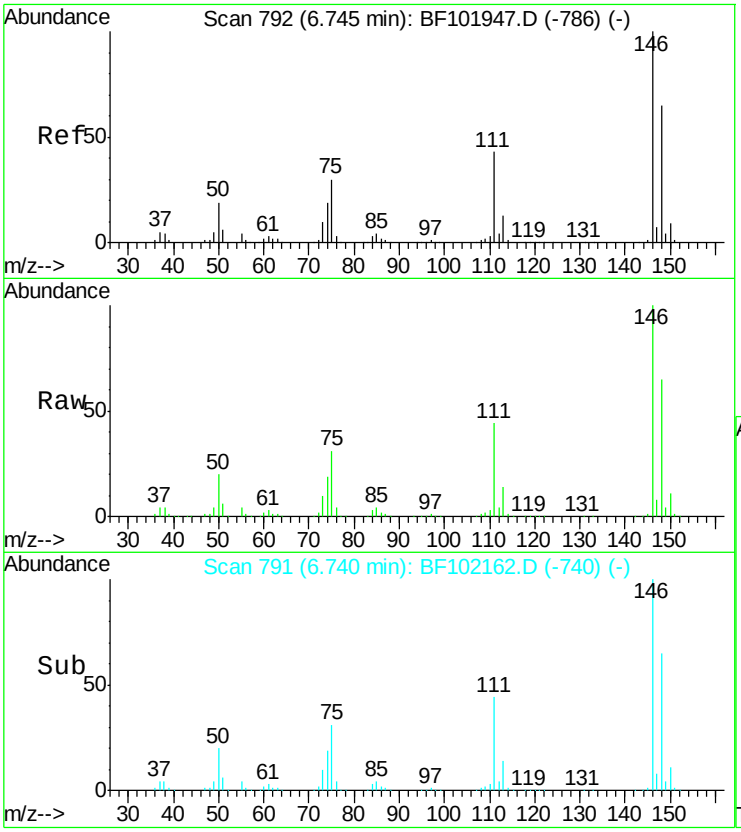




#12
1,3-Dichlorobenzene
Concen: 35.450 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:146 Resp: 447837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 51.8 | 77.8 |
| 75 | 30.0 | 24.2 | 36.4 |



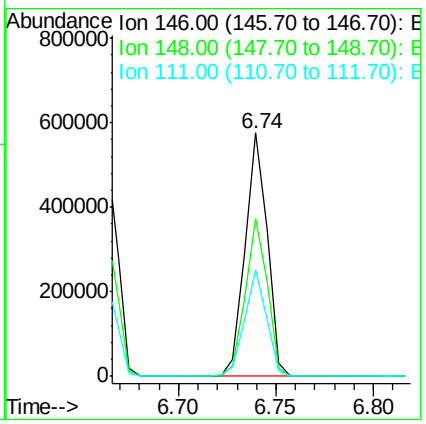


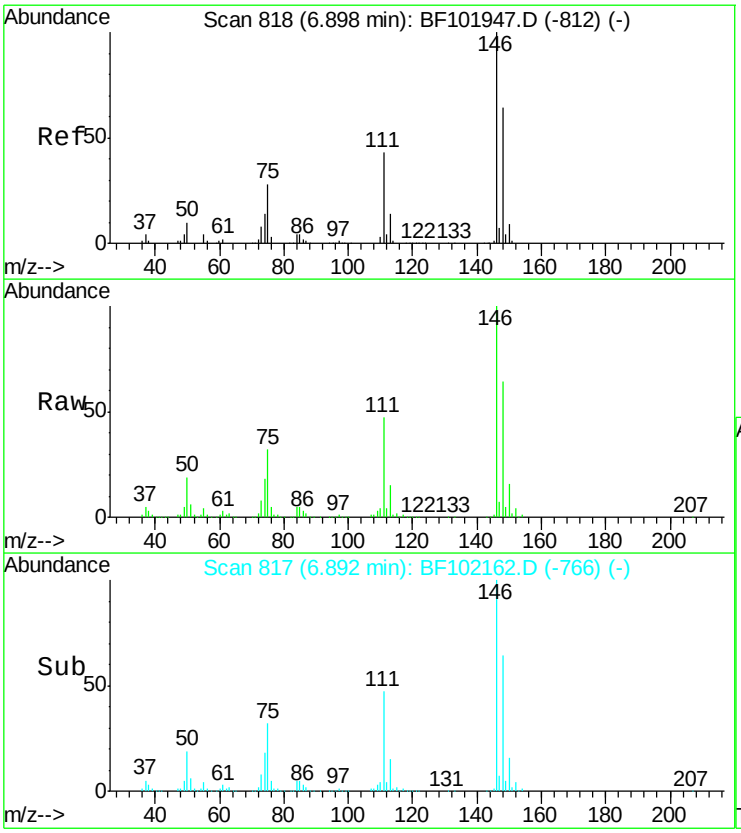

#13
1,4-Dichlorobenzene
Concen: 35.816 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:146 Resp: 451494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 50.8 | 76.2 |
| 111 | 43.9 | 34.2 | 51.2 |

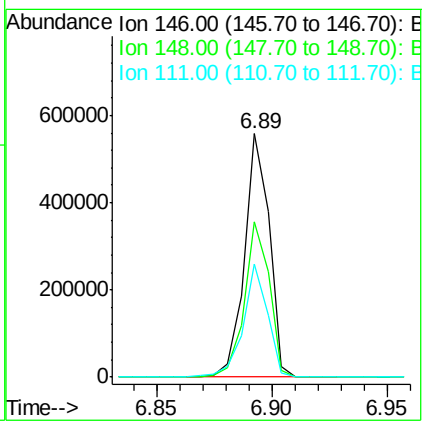


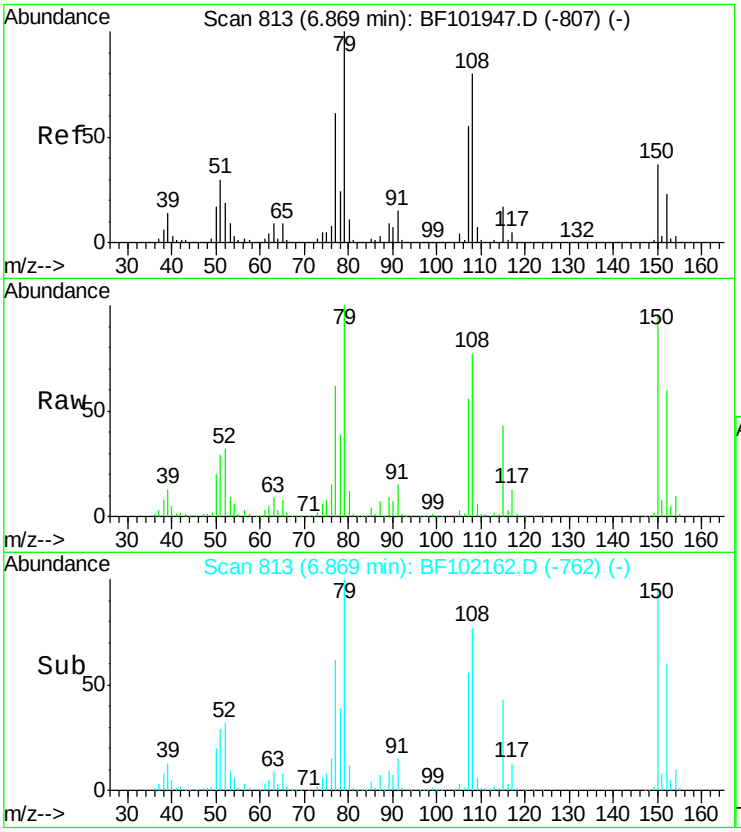




#14
1,2-Dichlorobenzene
Concen: 35.826 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:146 Resp: 418005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 50.6 | 75.8 |
| 111 | 46.6 | 36.0 | 54.0 |



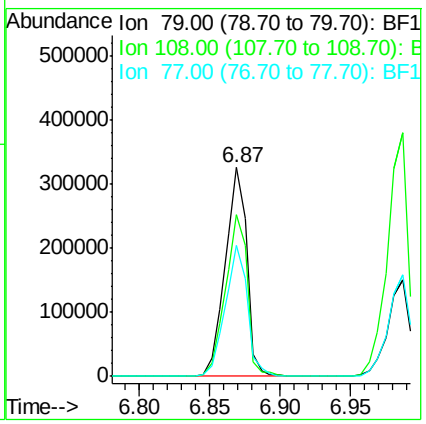


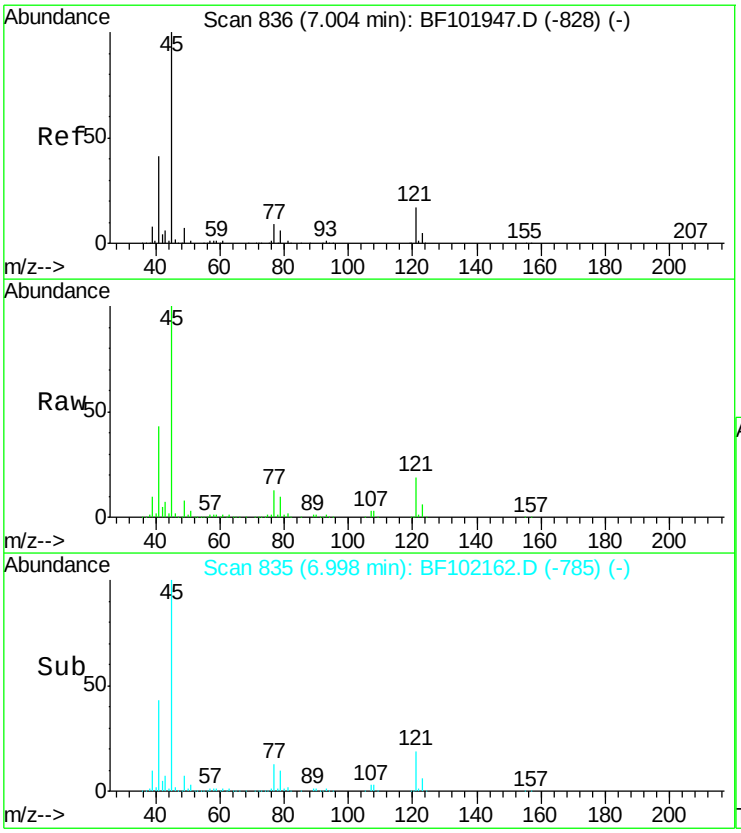

#15
Benzyl Alcohol
Concen: 36.260 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion: 79 Resp: 345784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.2 | 65.1 | 97.7 |
| 77 | 62.5 | 50.6 | 75.8 |

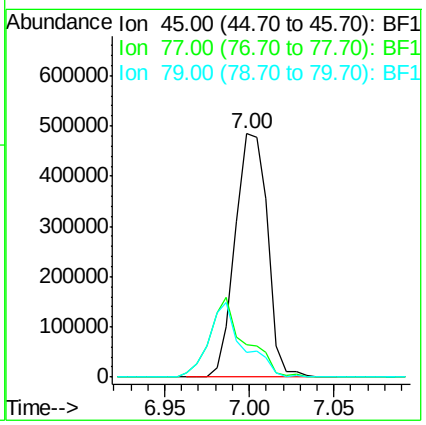


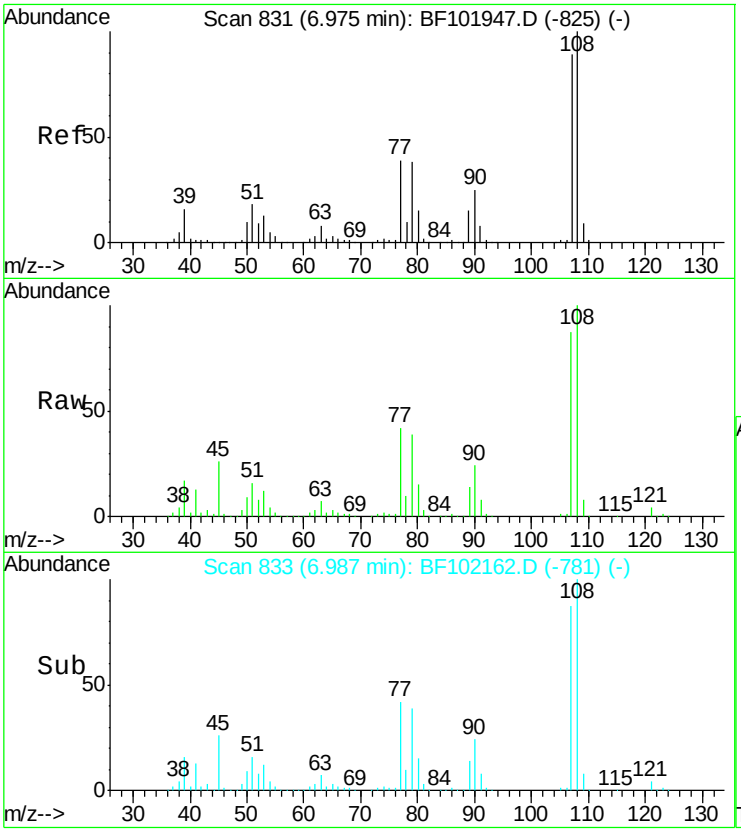




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.316 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion: 45 Resp: 647370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.3 | 0.0 | 32.9 |
| 79 | 10.2 | 0.0 | 29.6 |



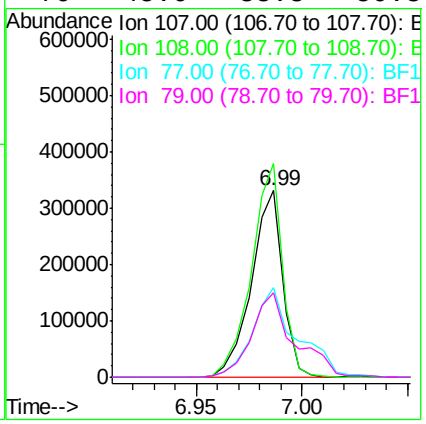


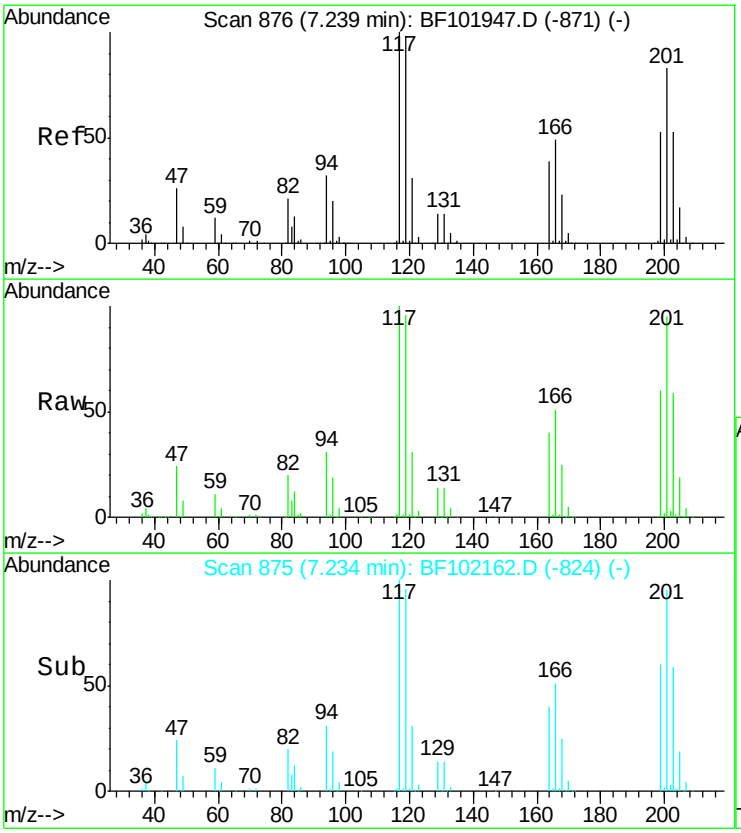

#17
2-Methylphenol
Concen: 34.607 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:107 Resp: 342127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.3 | 91.7 | 137.5 |
| 77 | 47.7 | 33.8 | 50.8 |
| 79 | 45.0 | 33.8 | 50.8 |

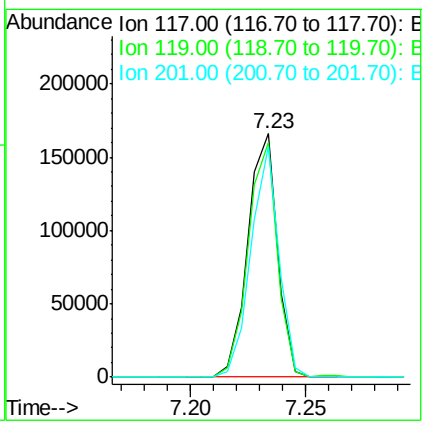


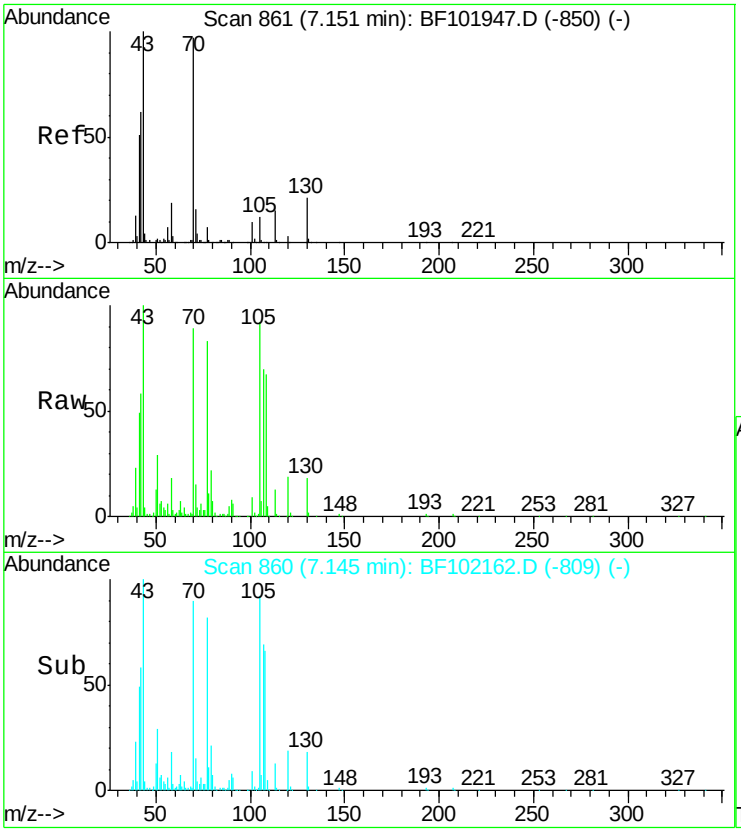




#18
Hexachloroethane
Concen: 33.503 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:117 Resp: 148723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.2 | 75.8 | 113.8 |
| 201 | 94.8 | 75.7 | 113.5 |



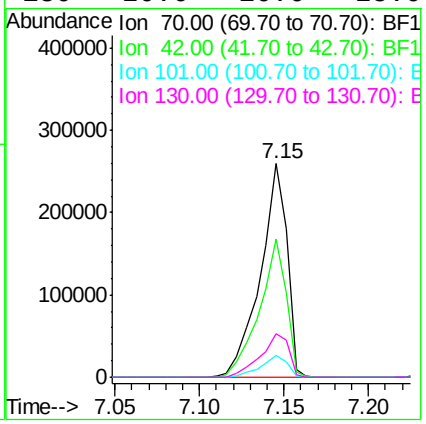


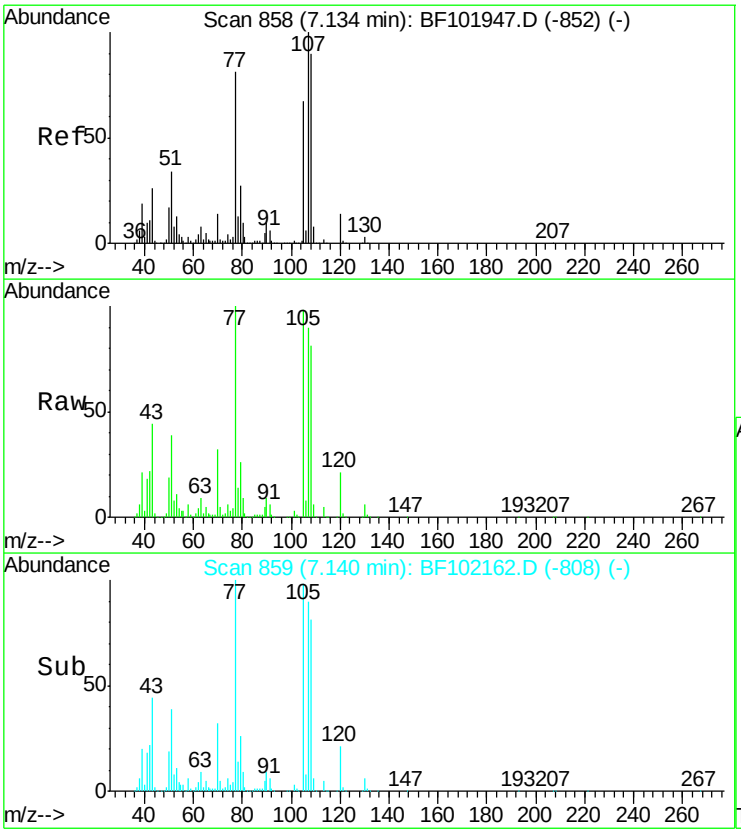

#19
n-Nitroso-di-n-propylamine
Concen: 33.070 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion: 70 Resp: 282536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 64.9 | 47.5 | 71.3 |
| 101 | 10.1 | 7.4 | 11.2 |
| 130 | 20.6 | 16.6 | 25.0 |

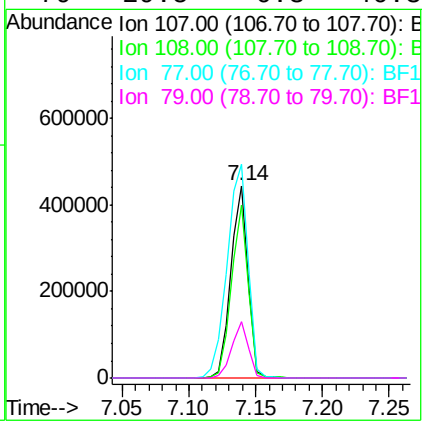


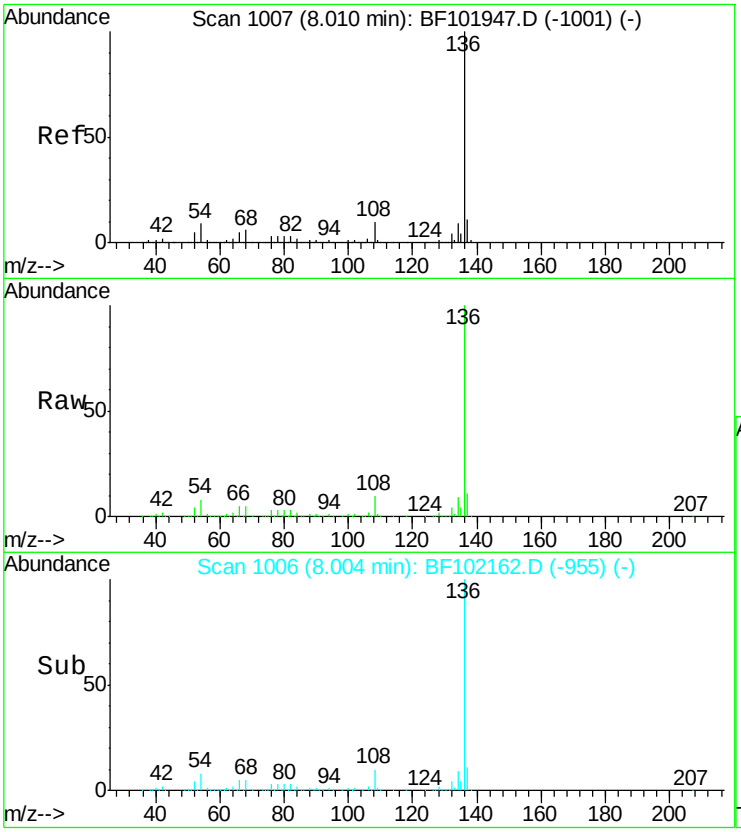




#20
3+4-Methylphenols
Concen: 33.856 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:107 Resp: 401872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.0 | 68.2 | 108.2 |
| 77 | 111.2 | 26.7 | 66.7# |
| 79 | 29.5 | 6.3 | 46.3 |



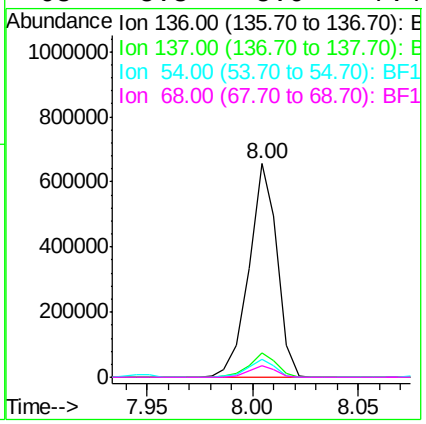


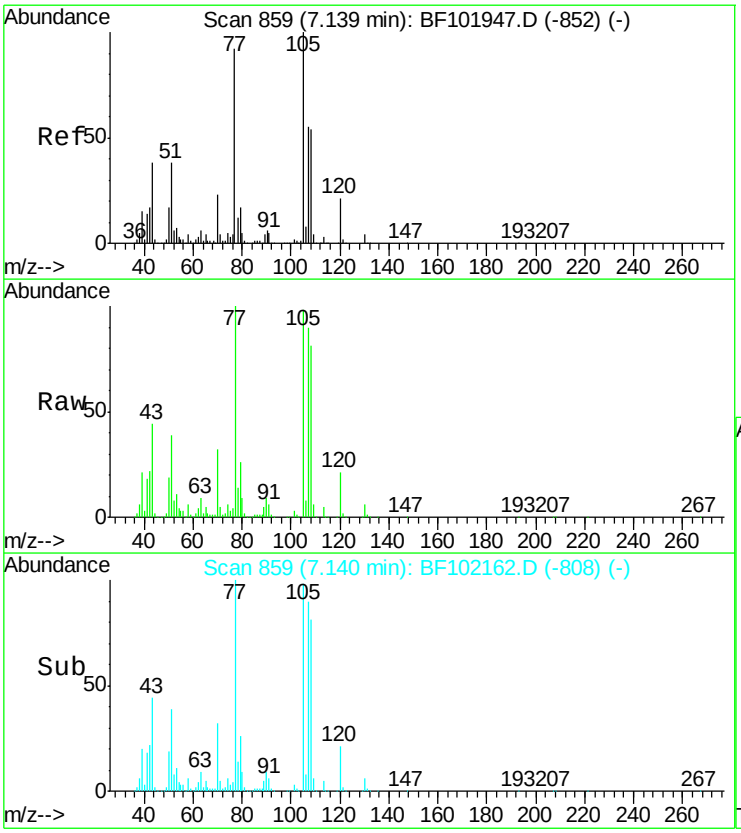

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:136 Resp: 606345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 8.2 | 6.6 | 9.8 |
| 68 | 5.3 | 5.0 | 7.4 |

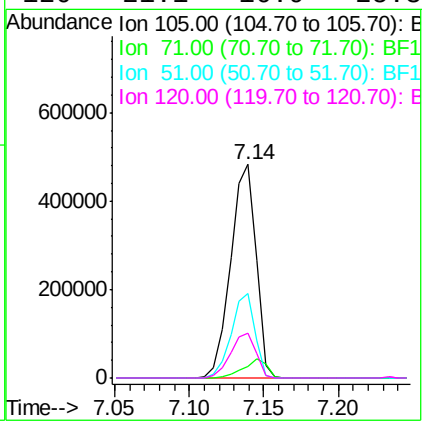


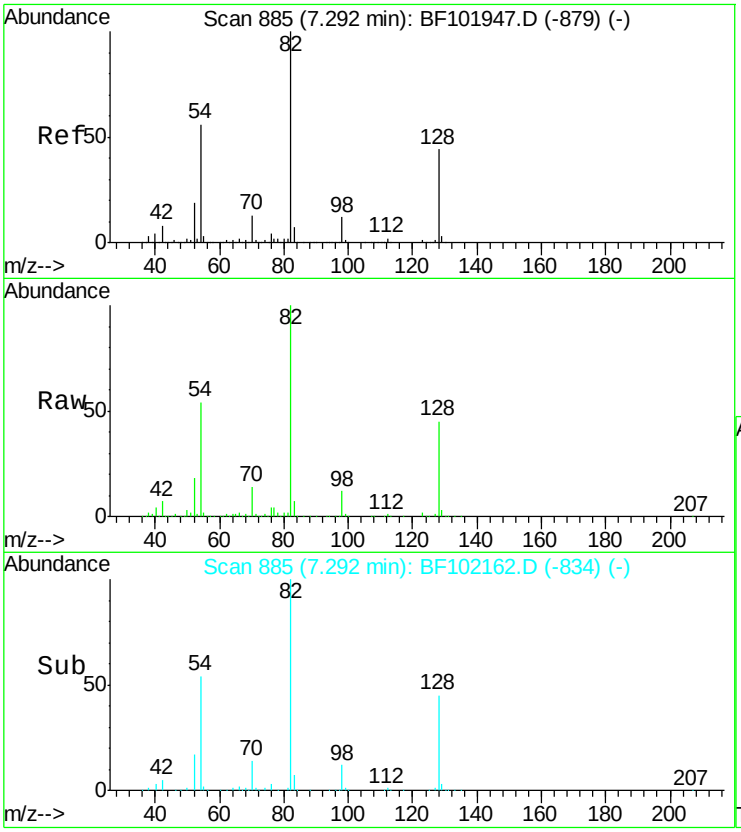




#22
Acetophenone
Concen: 39.426 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:105 Resp: 575993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.3 | 4.4 | 6.6 |
| 51 | 39.6 | 22.3 | 33.5# |
| 120 | 21.1 | 16.9 | 25.3 |



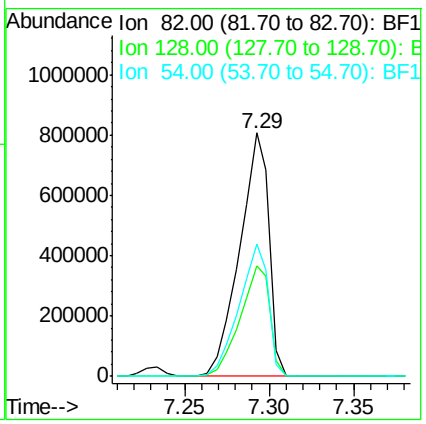


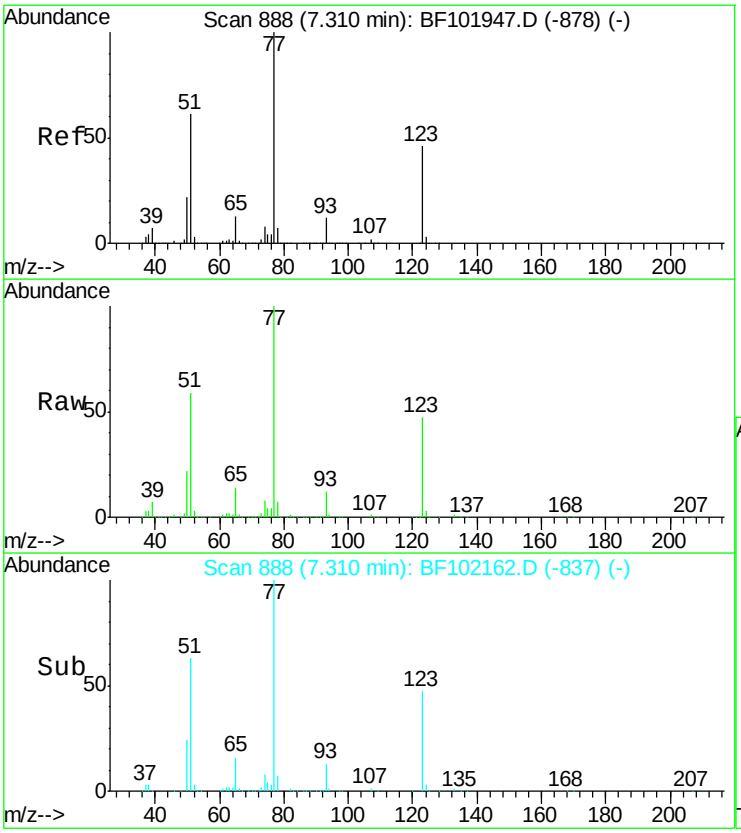

#23
Nitrobenzene-d5
Concen: 94.437 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion: 82 Resp: 974429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.2 | 36.1 | 54.1 |
| 54 | 54.2 | 41.4 | 62.2 |

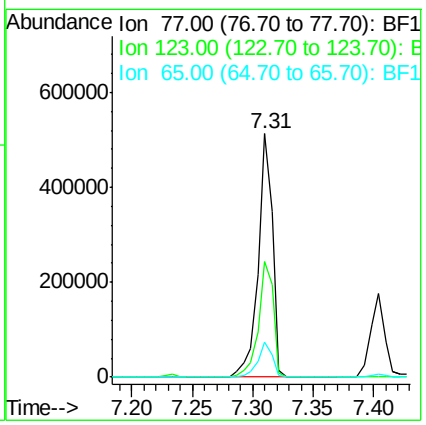


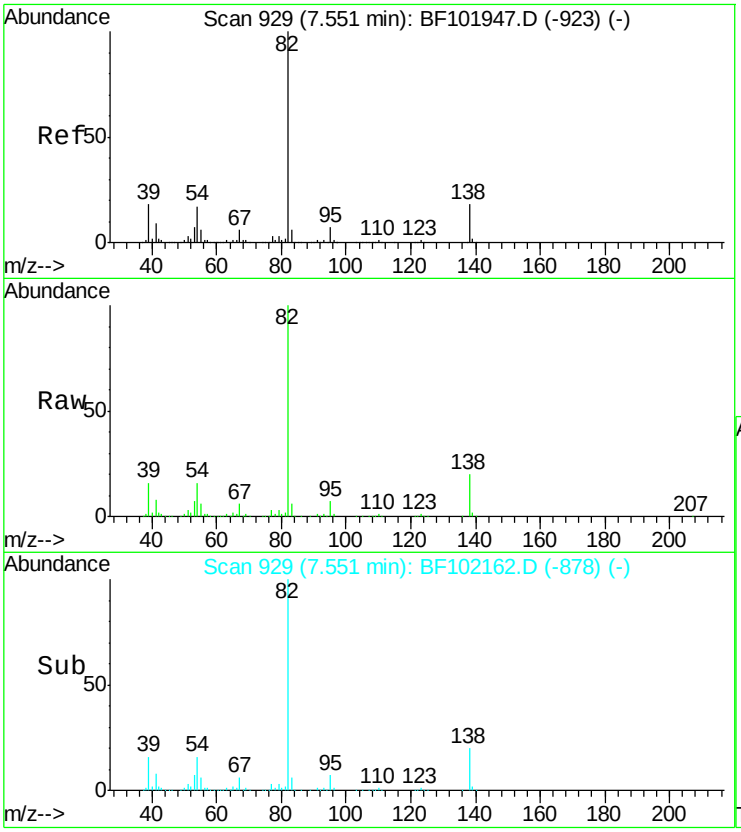




#24
Nitrobenzene
Concen: 38.387 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion: 77 Resp: 425621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.2 | 37.9 | 56.9 |
| 65 | 14.4 | 11.0 | 16.4 |



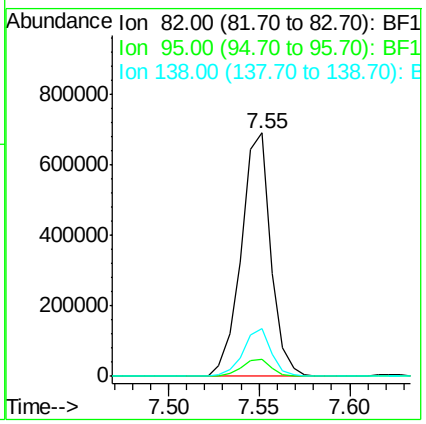


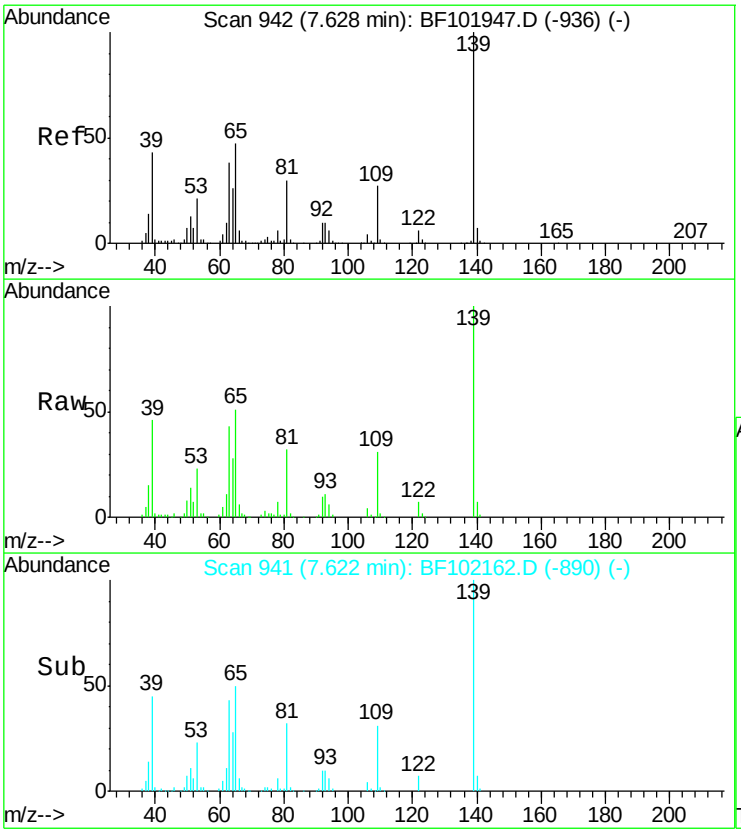

#25
Isophorone
Concen: 38.435 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion: 82 Resp: 783620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.1 | 5.2 | 7.8 |
| 138 | 19.5 | 14.9 | 22.3 |

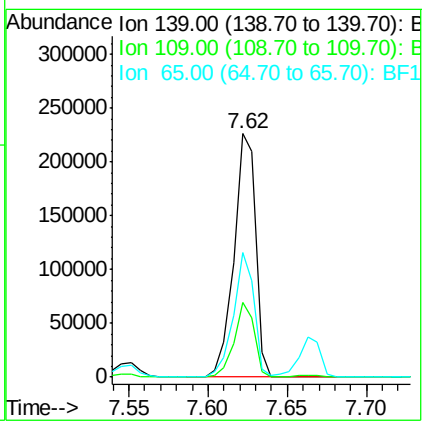


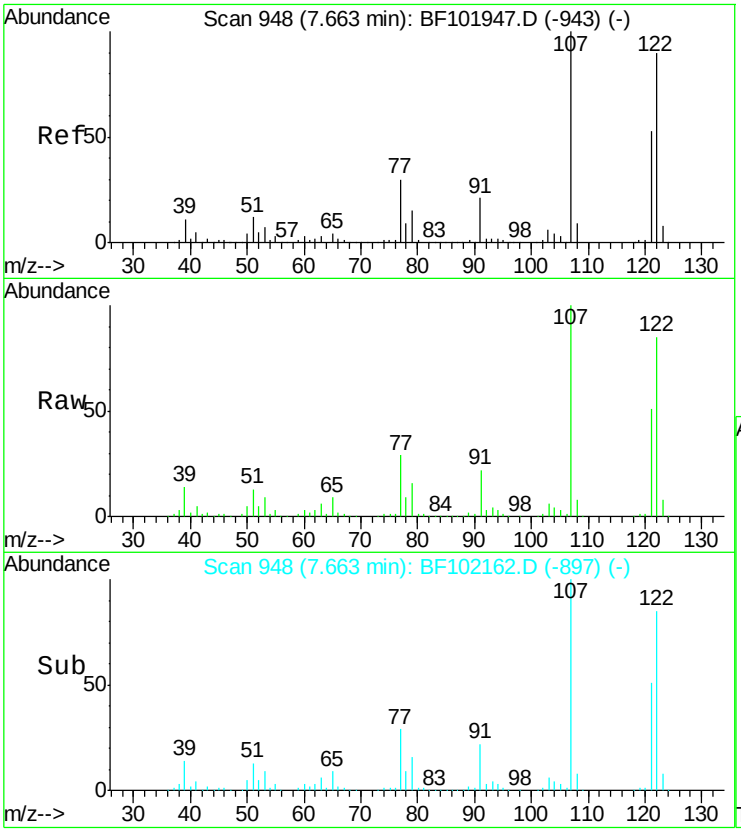




#26
2-Nitrophenol
Concen: 46.197 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:139 Resp: 214386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.7 | 22.7 | 34.1 |
| 65 | 51.2 | 40.5 | 60.7 |



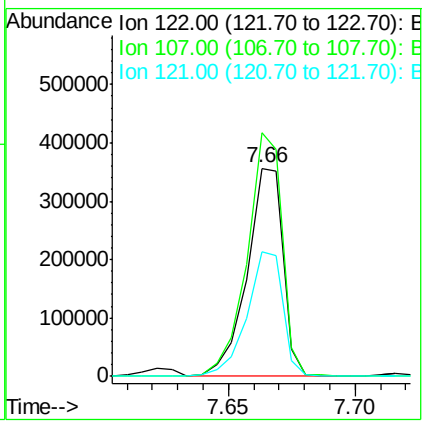


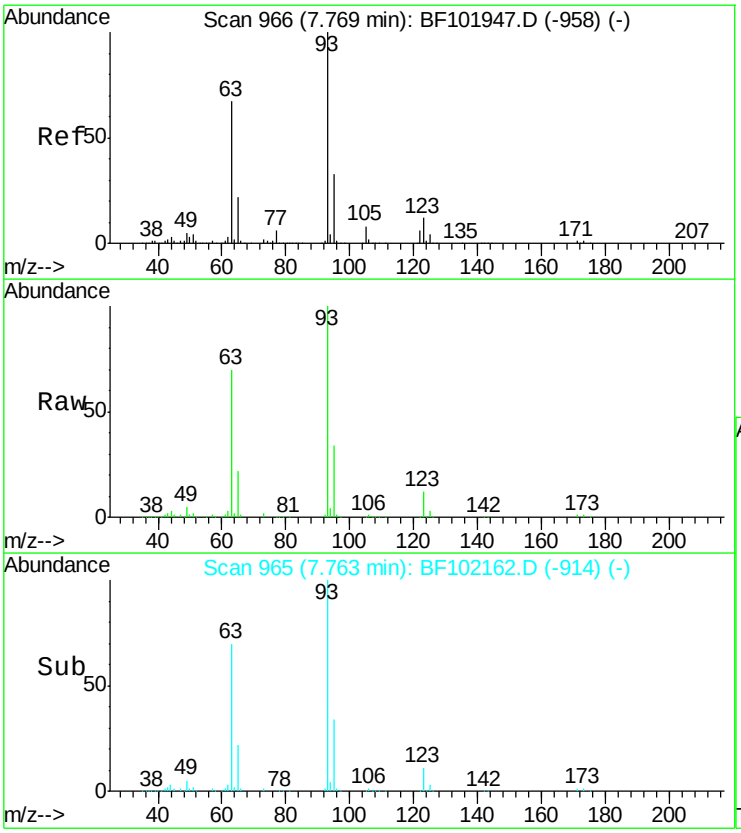

#27
2,4-Dimethylphenol
Concen: 40.705 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:122 Resp: 352785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.0 | 91.2 | 136.8 |
| 121 | 60.0 | 47.2 | 70.8 |

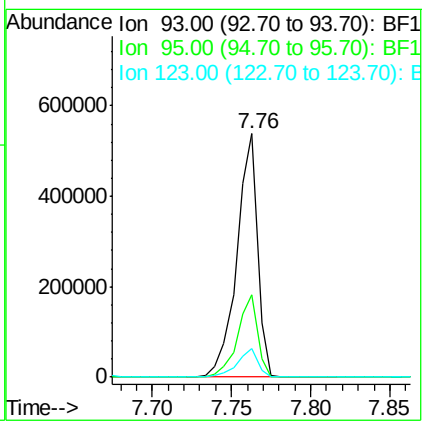


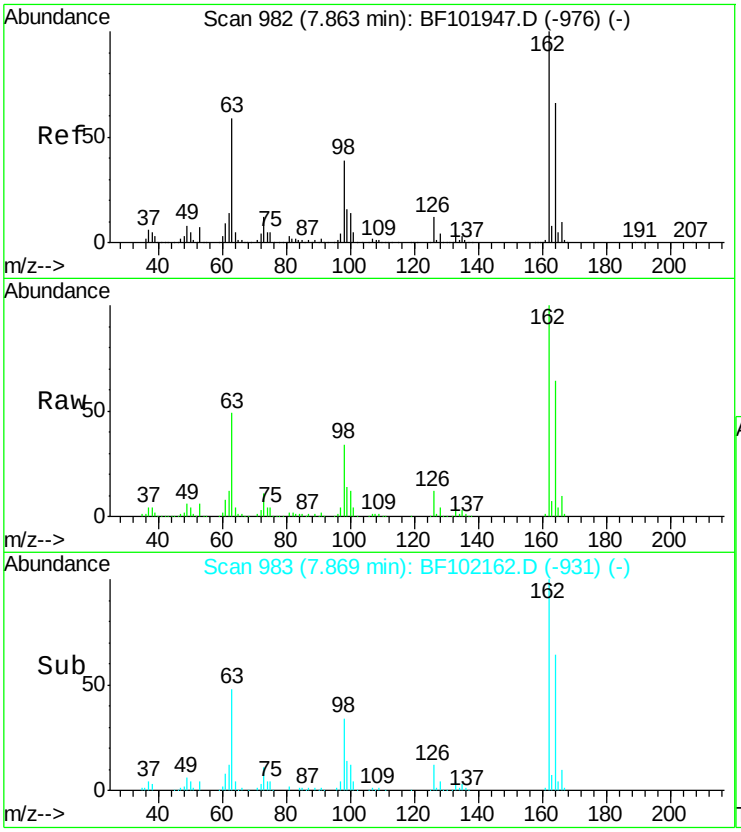




#28
bis(2-Chloroethoxy)methane
Concen: 39.483 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion: 93 Resp: 486050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.9 | 26.3 | 39.5 |
| 123 | 11.6 | 9.8 | 14.6 |



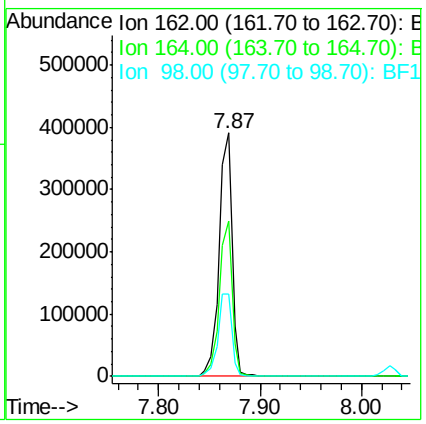


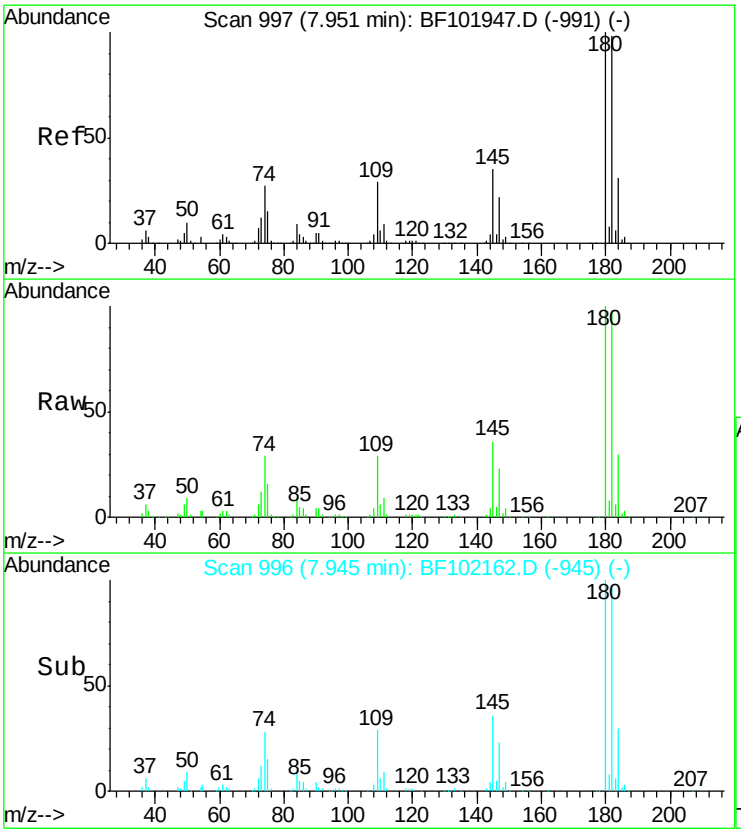

#29
2,4-Dichlorophenol
Concen: 42.404 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:162 Resp: 348963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.8 | 42.7 | 82.7 |
| 98 | 34.0 | 18.1 | 58.1 |

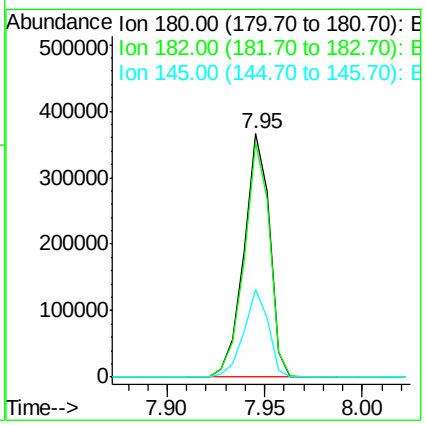


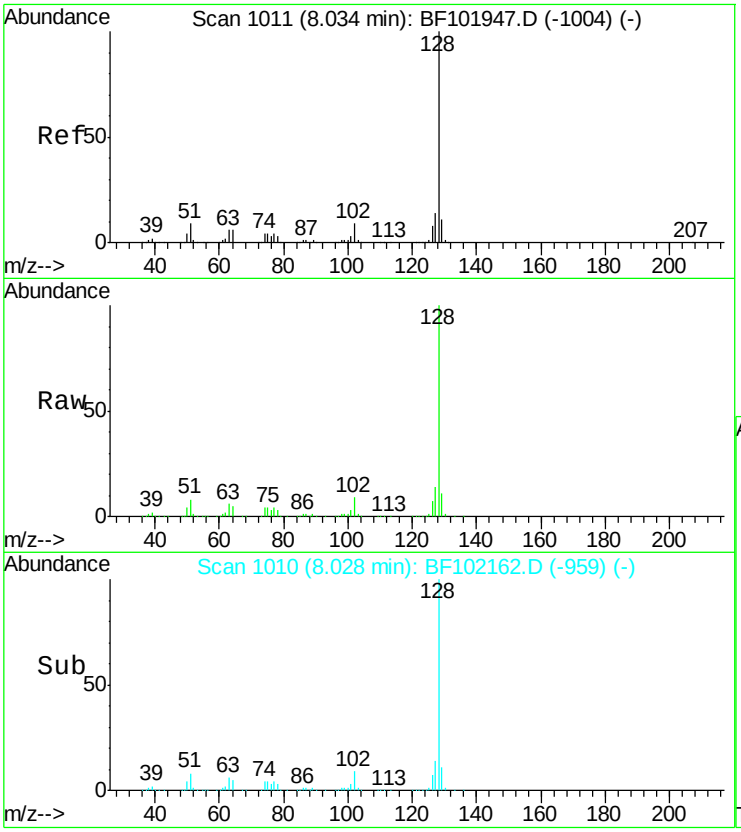




#30
1,2,4-Trichlorobenzene
Concen: 38.651 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:180 Resp: 332708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.6 | 76.8 | 115.2 |
| 145 | 35.7 | 26.5 | 39.7 |



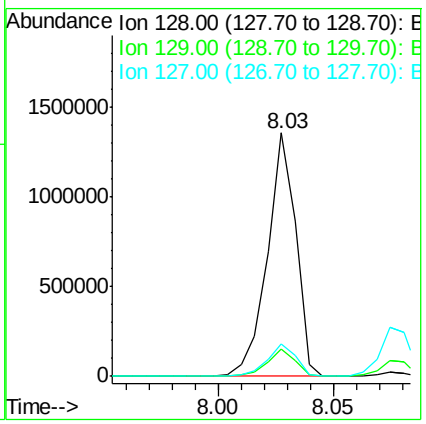


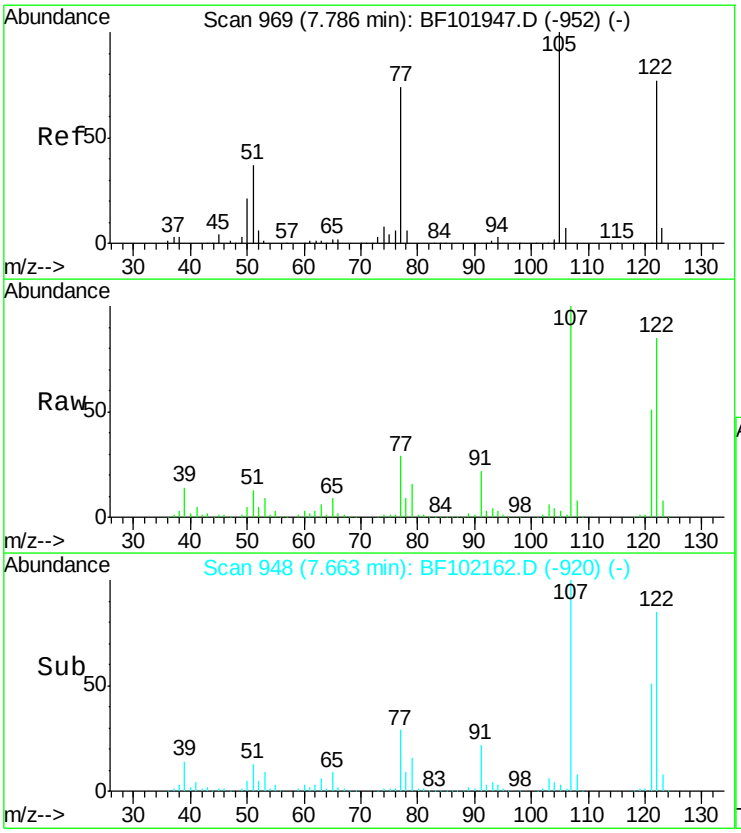

#31
Naphthalene
Concen: 38.290 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:128 Resp: 1160121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.0 | 8.8 | 13.2 |
| 127 | 13.6 | 10.9 | 16.3 |

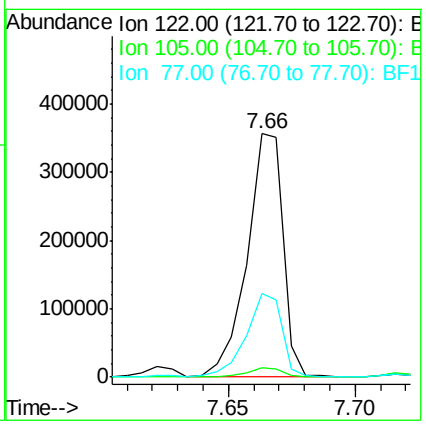


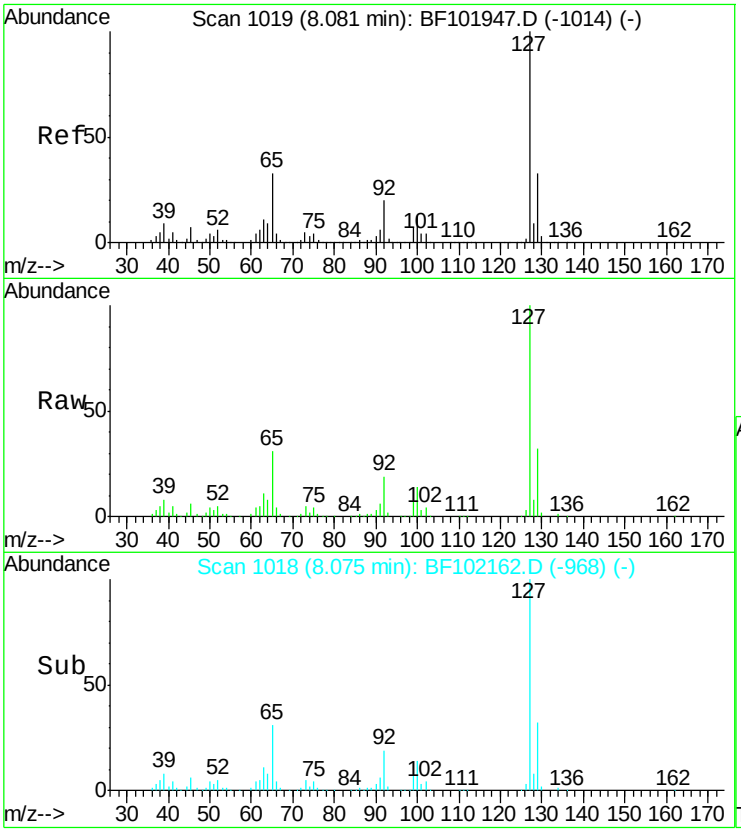




#32
Benzoic acid
Concen: 53.680 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.14 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:122 Resp: 352785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 3.7 | 101.1 | 141.1# |
| 77 | 34.3 | 70.7 | 110.7# |



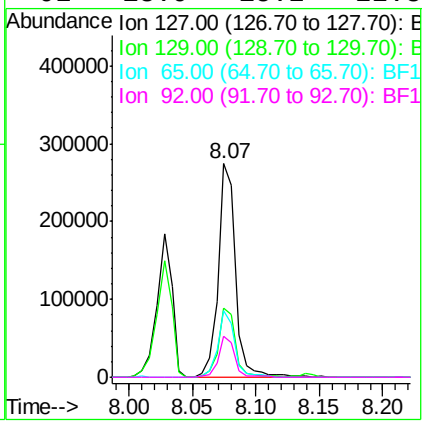


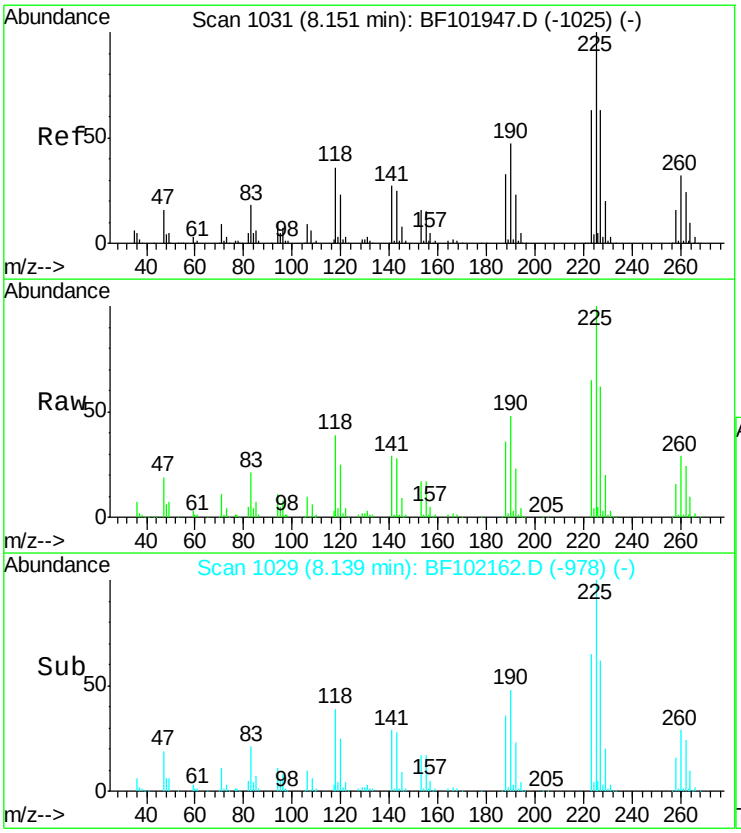

#33
4-Chloroaniline
Concen: 20.216 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:127 Resp: 261427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.1 | 25.9 | 38.9 |
| 65 | 31.1 | 25.0 | 37.4 |
| 92 | 18.9 | 15.2 | 22.8 |

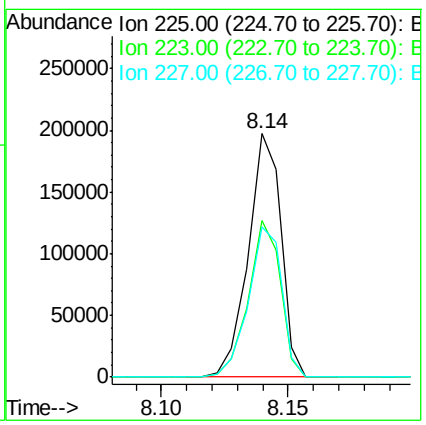


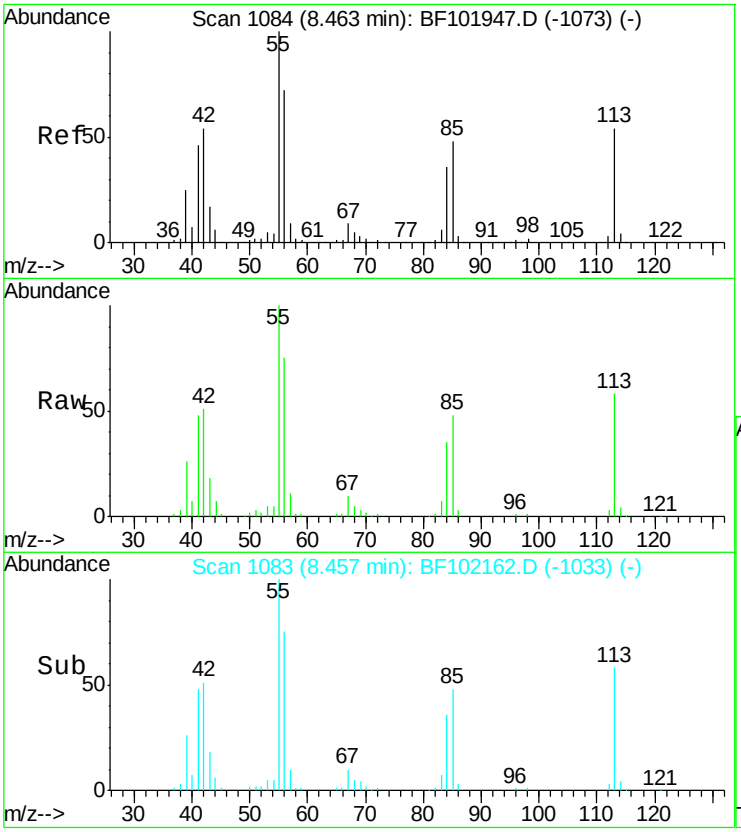




#34
Hexachlorobutadiene
Concen: 39.107 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:225 Resp: 178185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.5 | 50.6 | 76.0 |
| 227 | 61.9 | 51.9 | 77.9 |



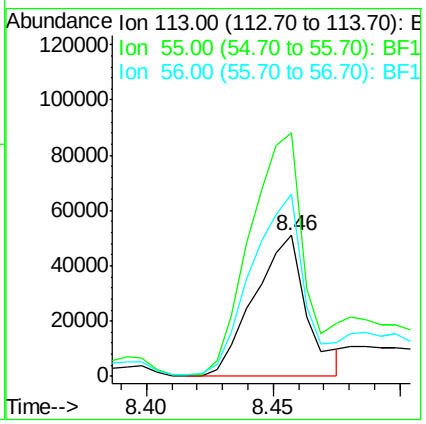


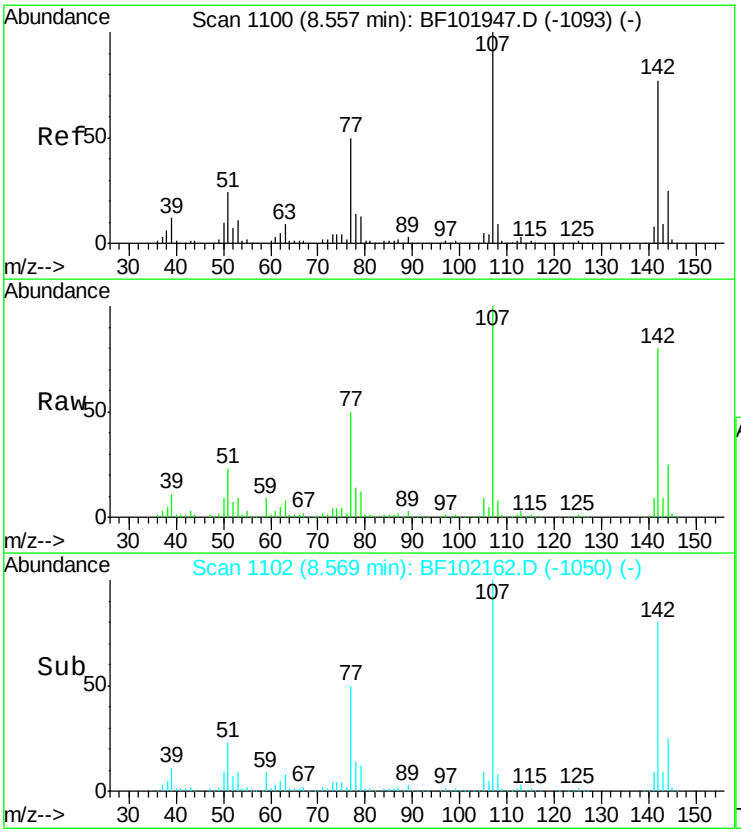

#35
Caprolactam
Concen: 26.038 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:113 Resp: 73563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 173.1 | 163.3 | 203.3 |
| 56 | 129.2 | 115.7 | 155.7 |

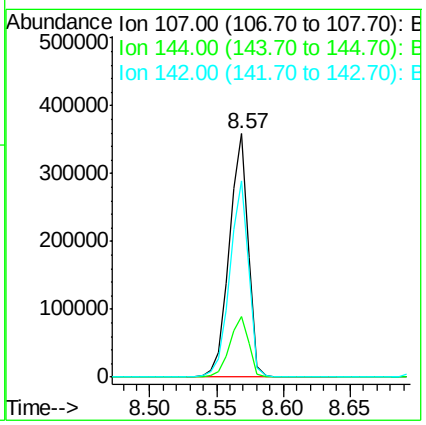


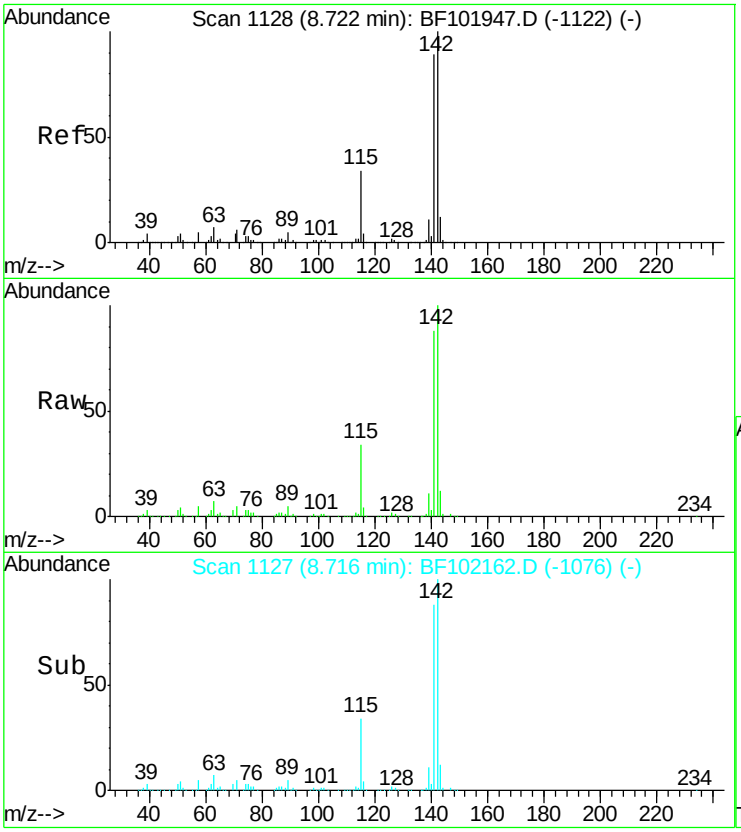




#36
4-Chloro-3-methylphenol
Concen: 40.003 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:107 Resp: 360354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.9 | 20.5 | 30.7 |
| 142 | 80.4 | 62.0 | 93.0 |



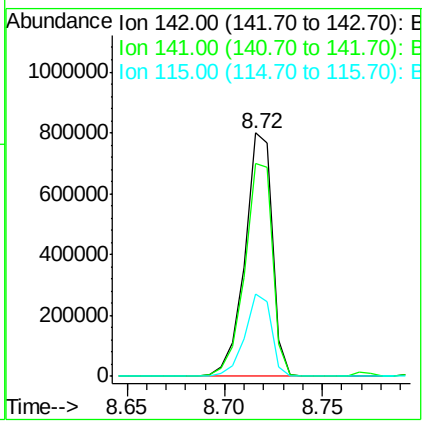


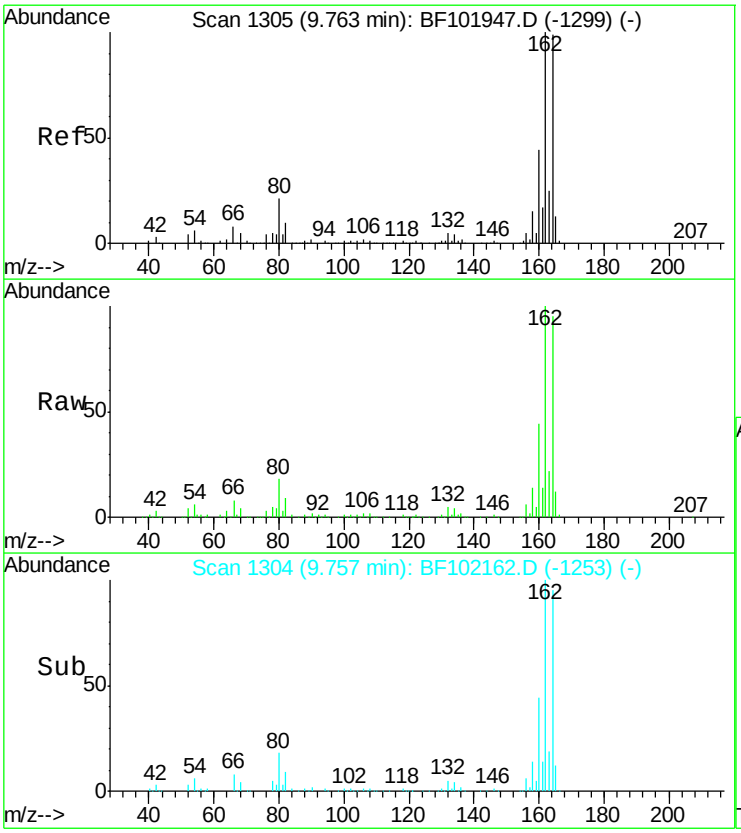

#37
2-Methylnaphthalene
Concen: 38.903 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:142 Resp: 775952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.6 | 70.8 | 106.2 |
| 115 | 33.8 | 26.1 | 39.1 |

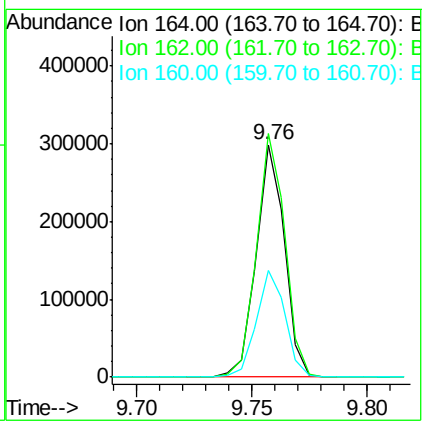


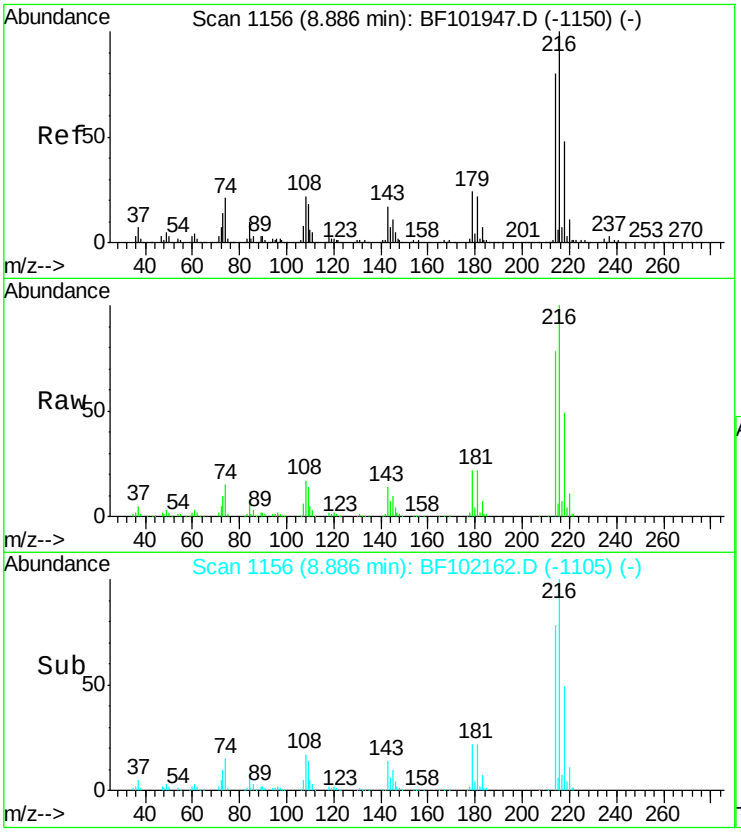




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:164 Resp: 255585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.8 | 86.1 | 129.1 |
| 160 | 46.0 | 38.3 | 57.5 |



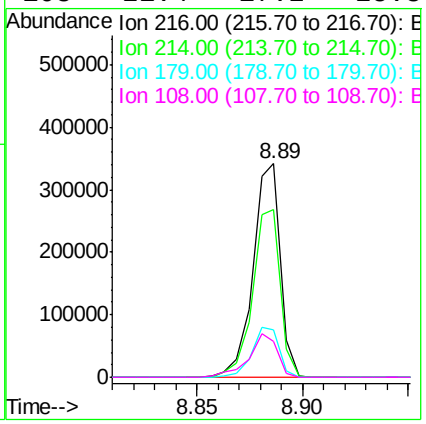


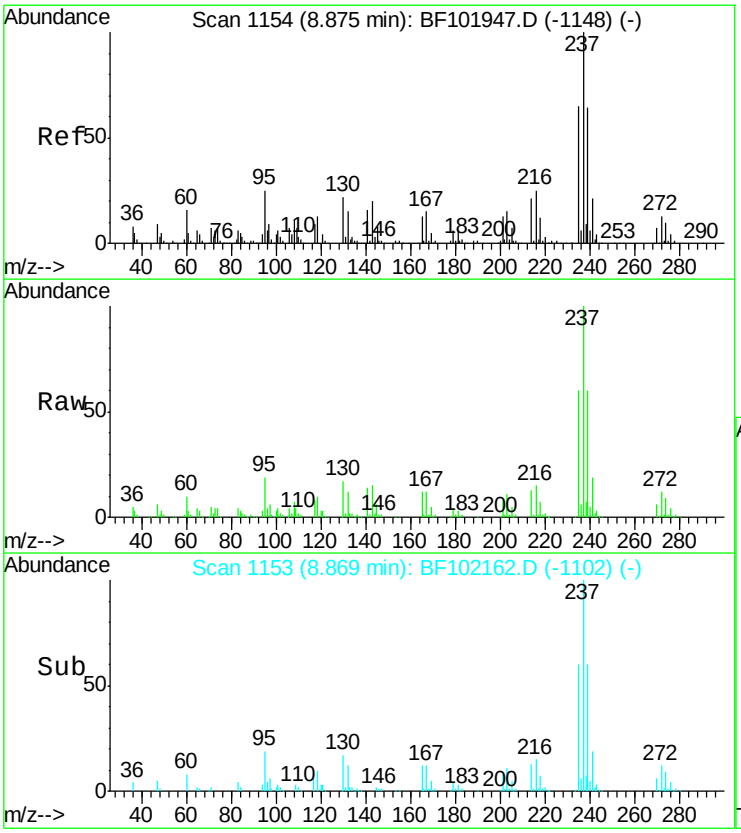

#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.620 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:216 Resp: 308169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.6 | 63.0 | 94.4 |
| 179 | 23.3 | 18.1 | 27.1 |
| 108 | 21.4 | 17.2 | 25.8 |

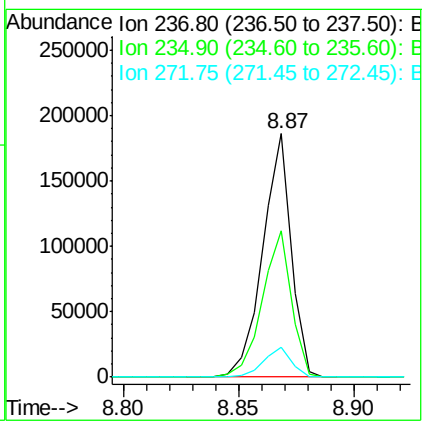


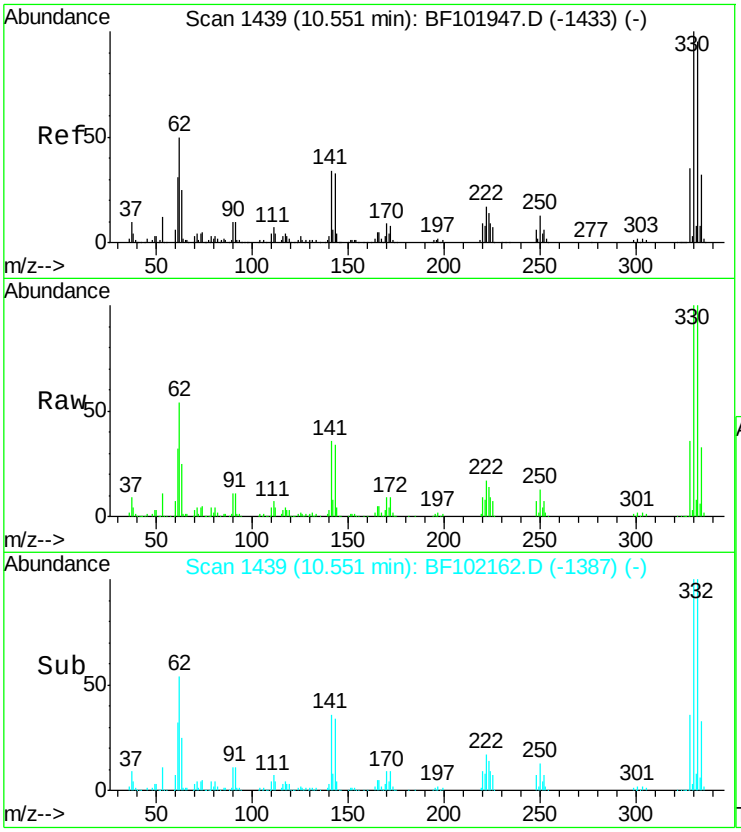




#40
Hexachlorocyclopentadiene
Concen: 40.554 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:237 Resp: 160368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.1 | 44.8 | 84.8 |
| 272 | 12.4 | 0.0 | 33.3 |



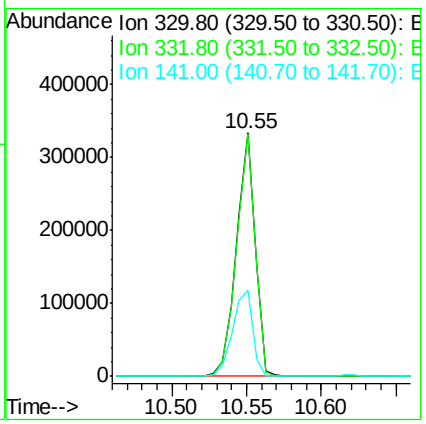


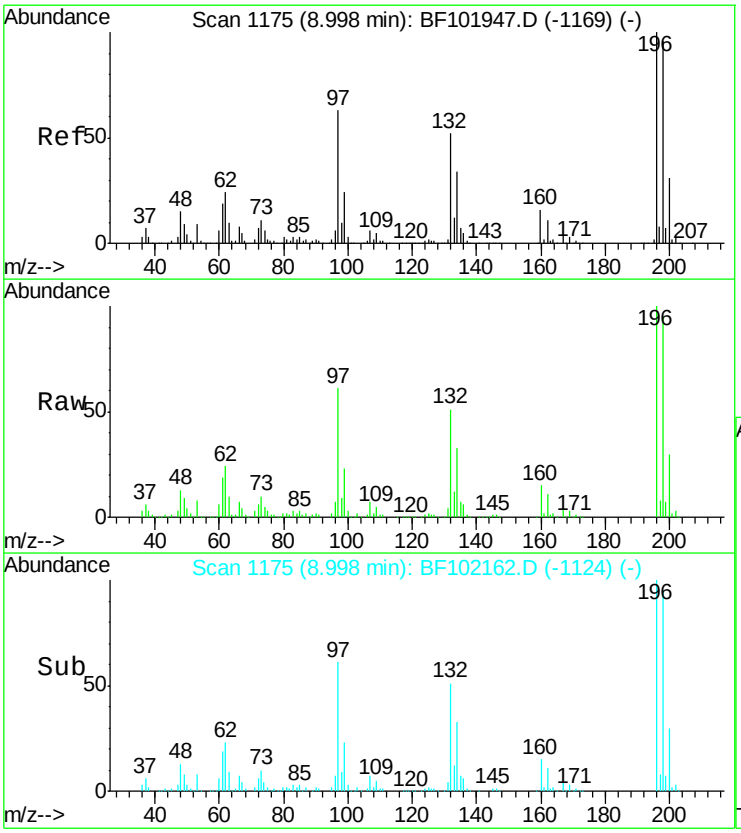

#41
2,4,6-Tribromophenol
Concen: 132.627 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:330 Resp: 295818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.6 | 77.0 | 115.6 |
| 141 | 38.6 | 29.9 | 44.9 |

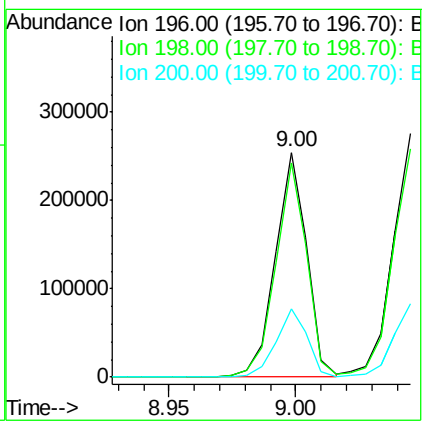


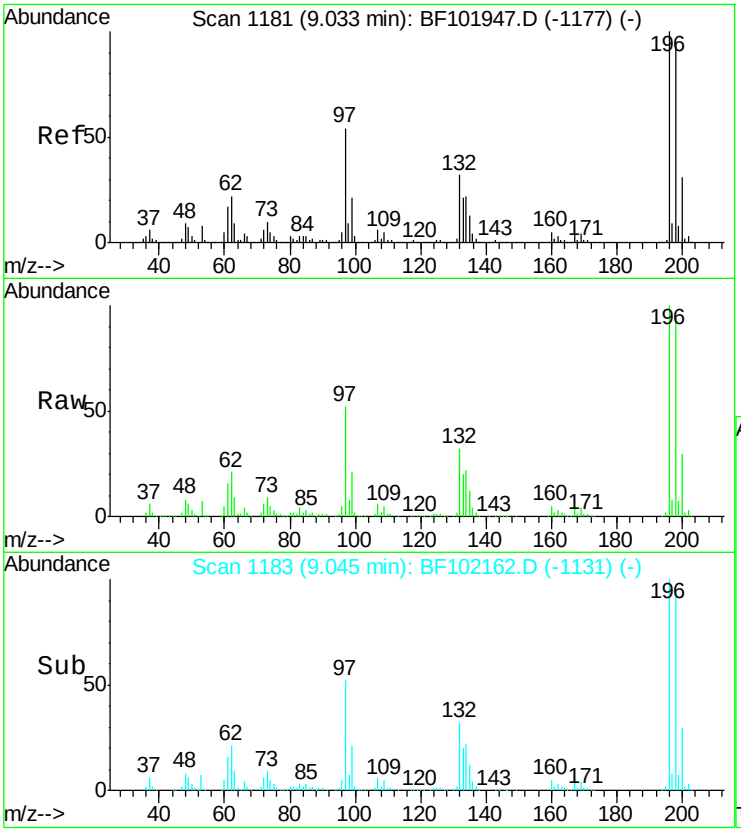




#42
2,4,6-Trichlorophenol
Concen: 44.257 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:196 Resp: 220524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.1 | 75.7 | 113.5 |
| 200 | 30.3 | 24.5 | 36.7 |



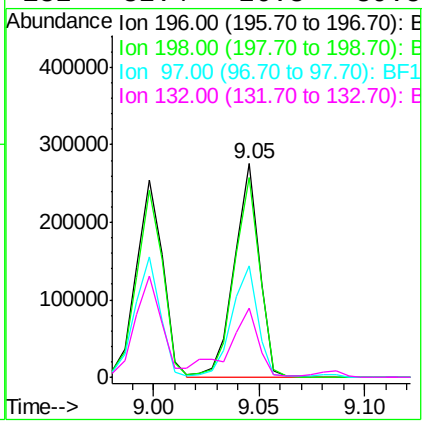


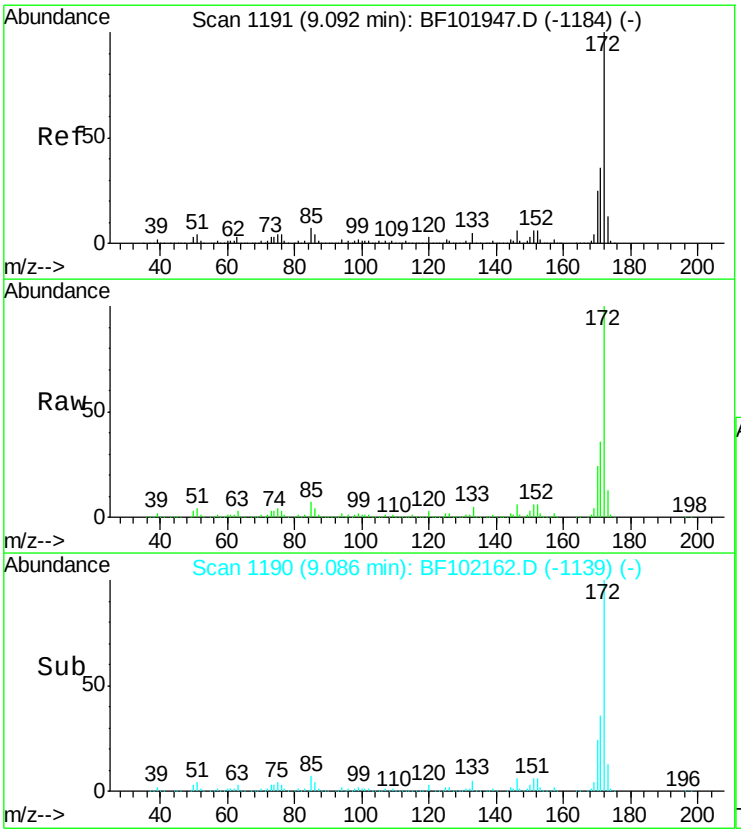

#43
2,4,5-Trichlorophenol
Concen: 39.998 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:196 Resp: 225258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.6 | 74.6 | 112.0 |
| 97 | 52.0 | 42.9 | 64.3 |
| 132 | 32.4 | 26.3 | 39.5 |

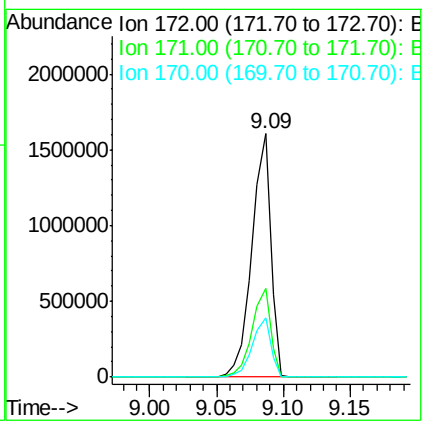


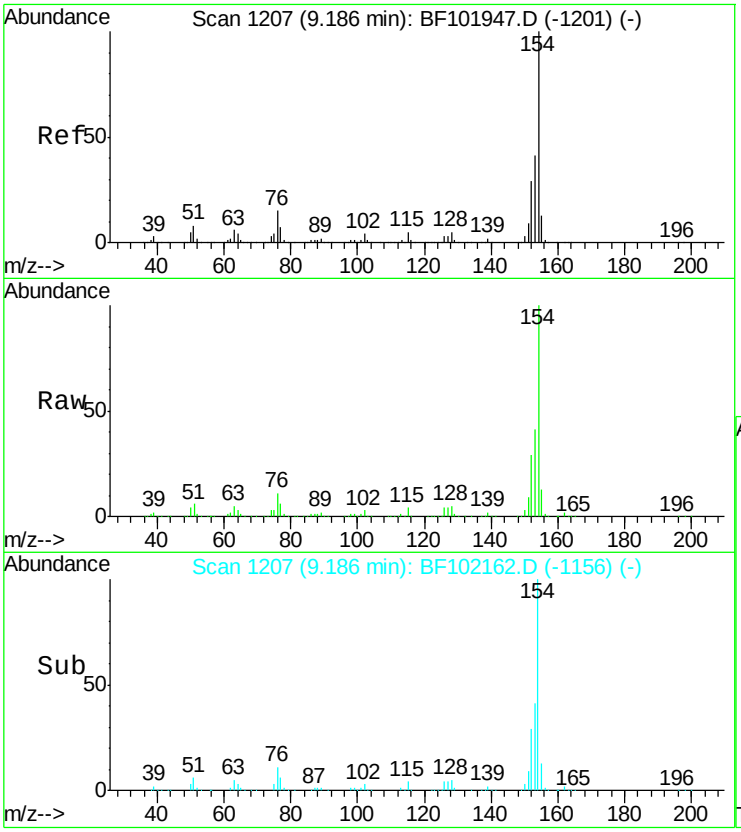




#44
2-Fluorobiphenyl
Concen: 94.648 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:172 Resp: 1548428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 29.7 | 44.5 |
| 170 | 24.4 | 19.6 | 29.4 |



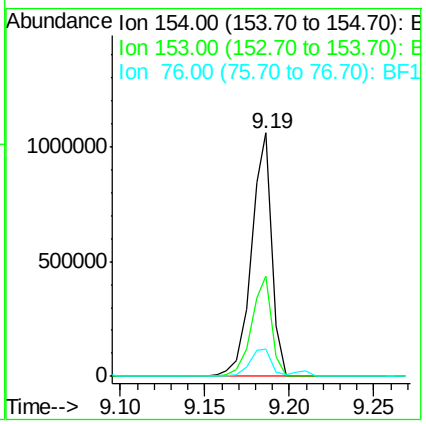


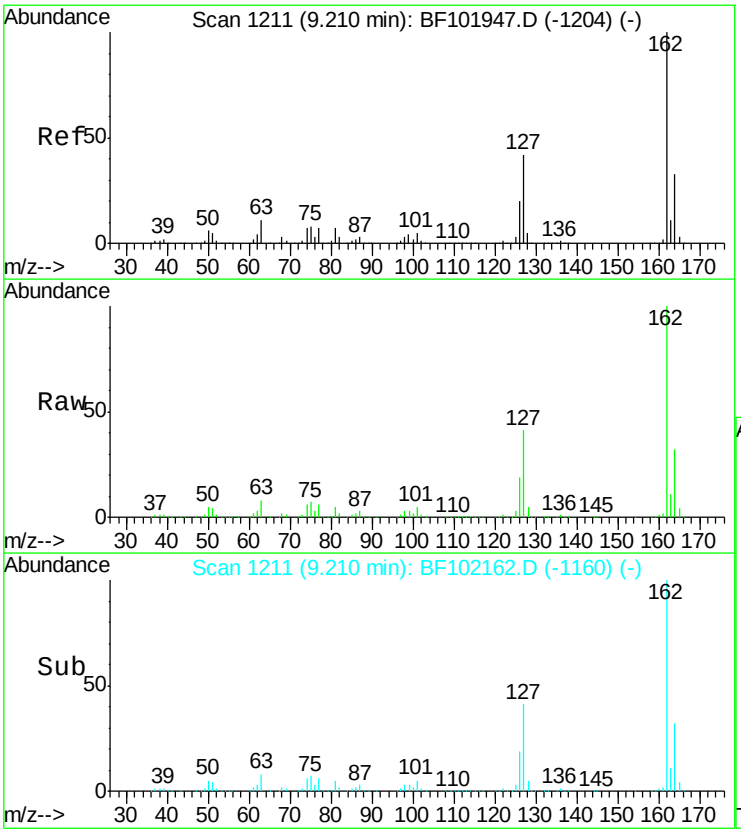

#45
1,1'-Biphenyl
Concen: 39.440 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:154 Resp: 890985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.1 | 21.3 | 61.3 |
| 76 | 11.4 | 0.0 | 34.0 |

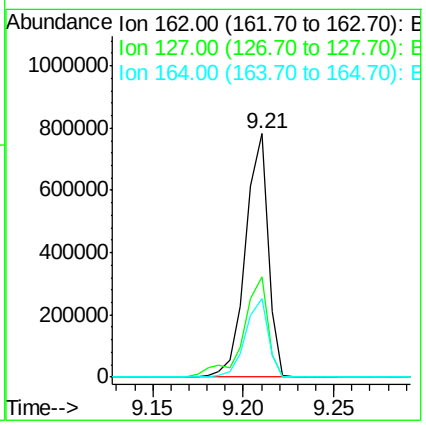


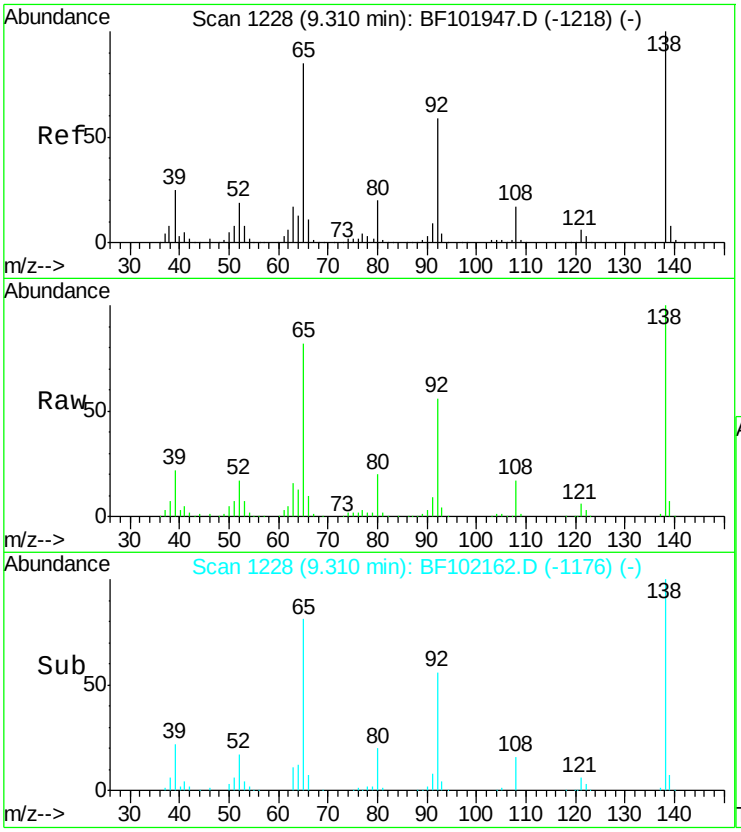




#46
2-Chloronaphthalene
Concen: 38.678 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:162 Resp: 677575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.0 | 33.9 | 50.9 |
| 164 | 32.5 | 26.5 | 39.7 |



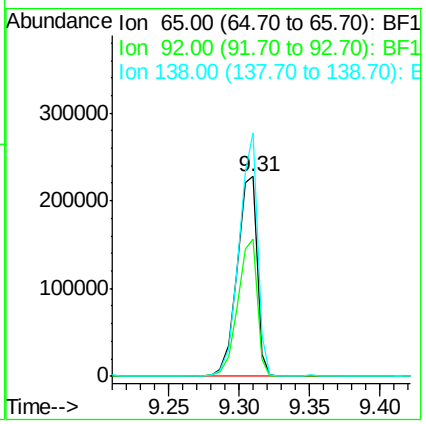


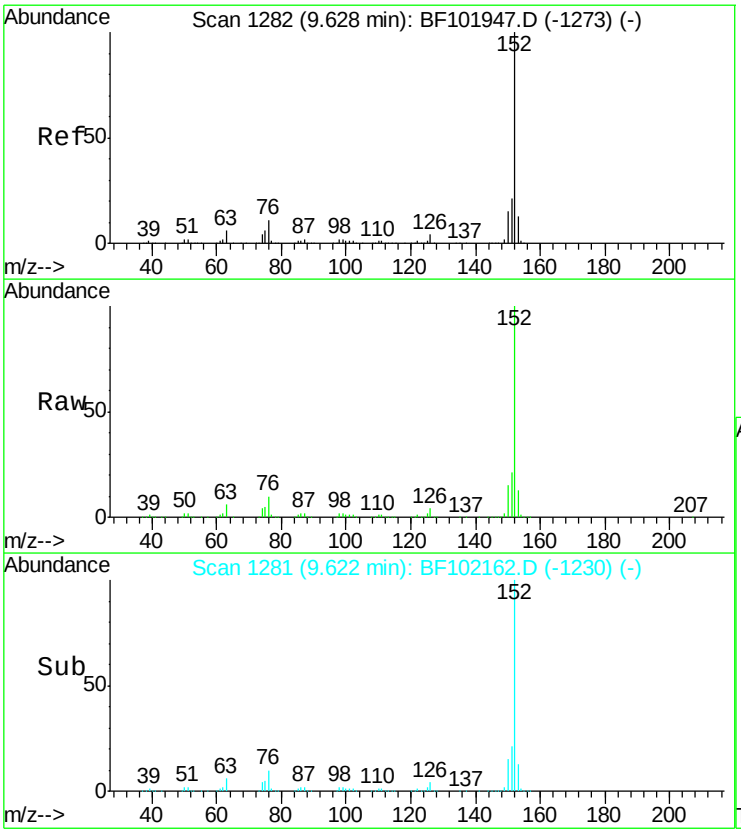

#47
2-Nitroaniline
Concen: 42.890 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion: 65 Resp: 225070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.6 | 55.8 | 83.6 |
| 138 | 121.9 | 91.2 | 136.8 |

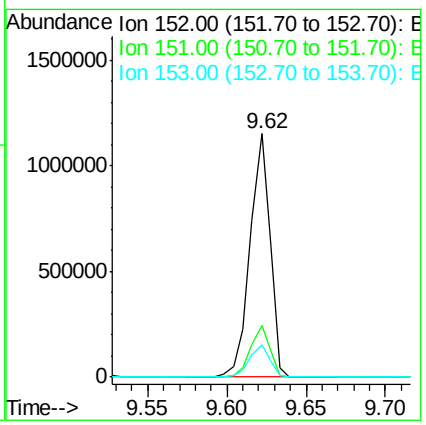


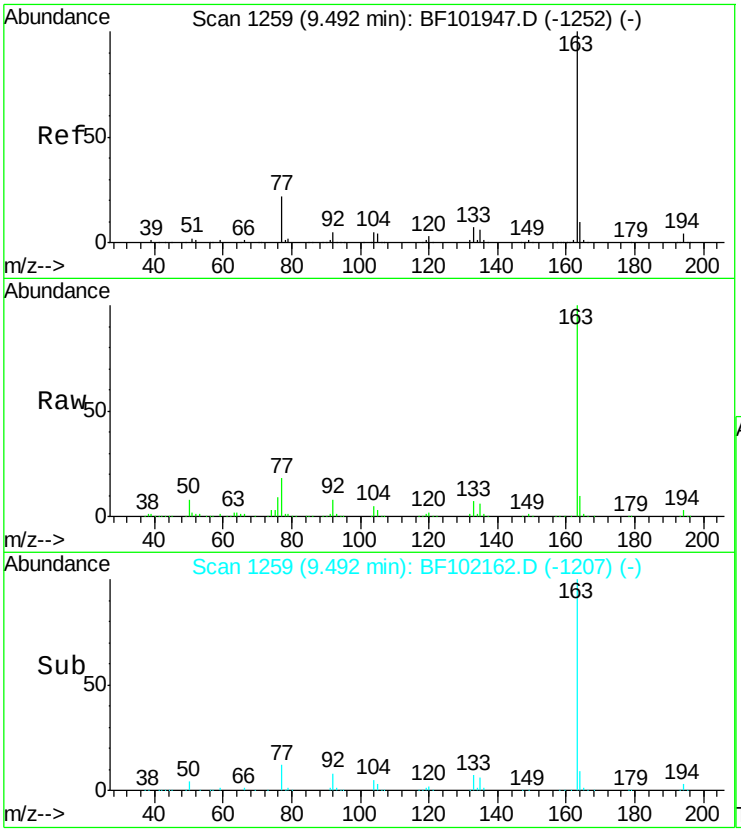




#48
Acenaphthylene
Concen: 36.255 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:152 Resp: 1007938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.0 | 16.3 | 24.5 |
| 153 | 13.1 | 10.7 | 16.1 |



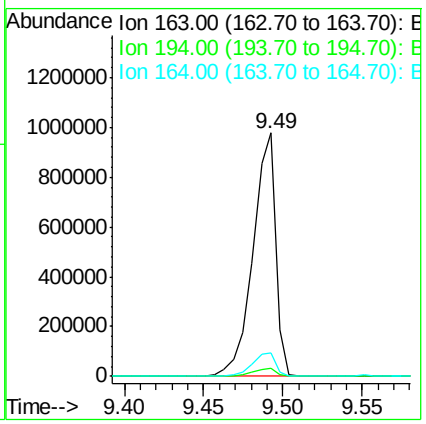


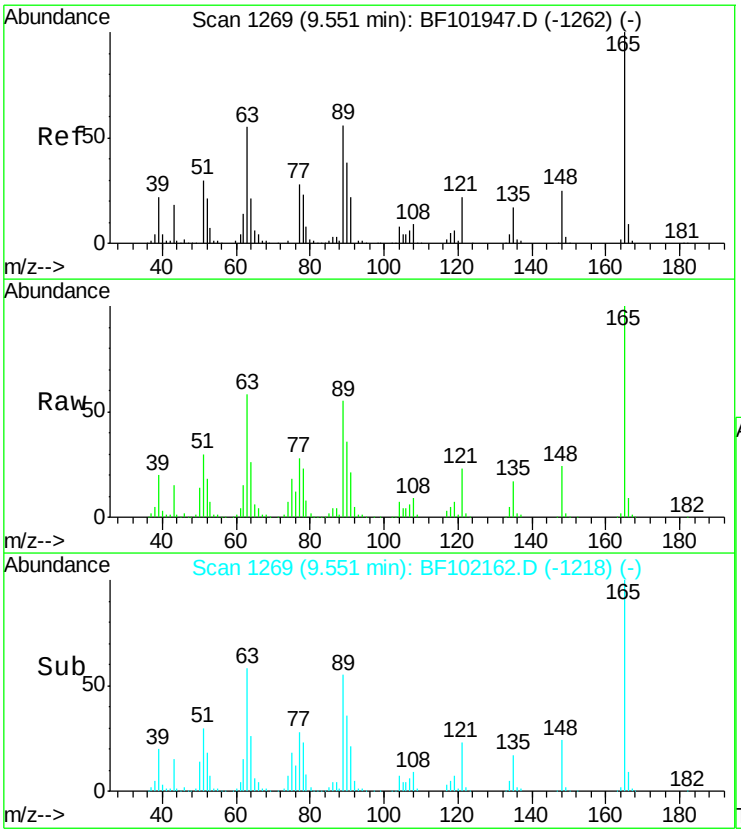

#49
Dimethylphthalate
Concen: 47.558 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:163 Resp: 975080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.7 | 4.1 |
| 164 | 9.7 | 8.2 | 12.2 |

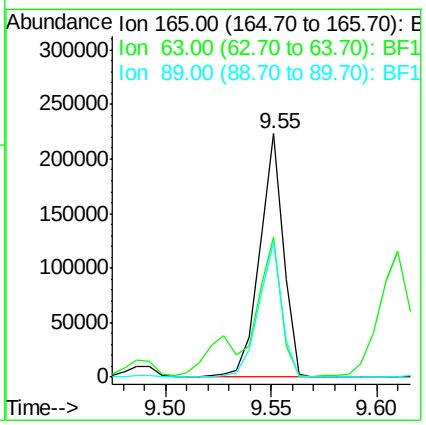


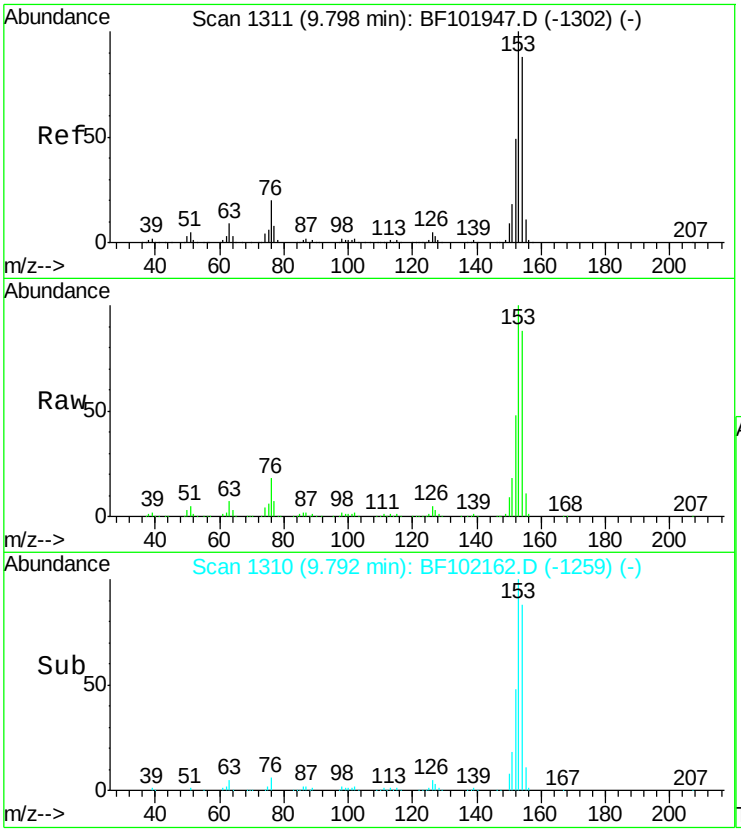




#50
2,6-Dinitrotoluene
Concen: 42.676 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:165 Resp: 174782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.5 | 44.7 | 67.1 |
| 89 | 55.2 | 44.0 | 66.0 |



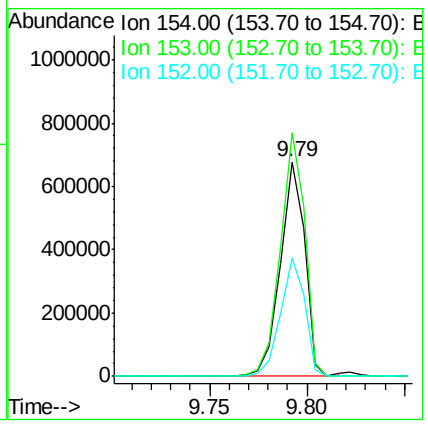


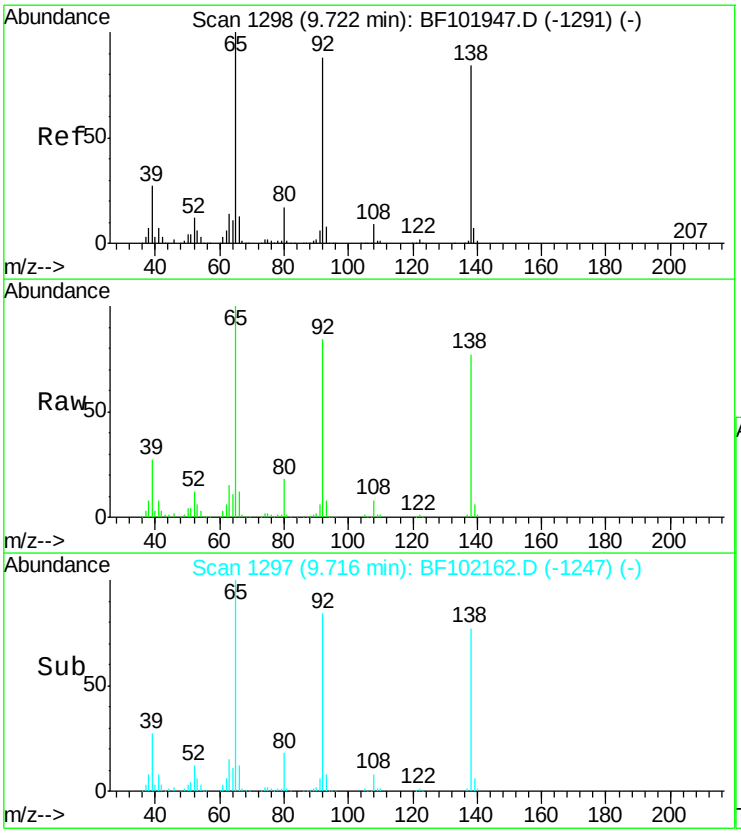

#51
Acenaphthene
Concen: 35.018 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:154 Resp: 590908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.4 | 91.2 | 136.8 |
| 152 | 54.8 | 43.8 | 65.8 |

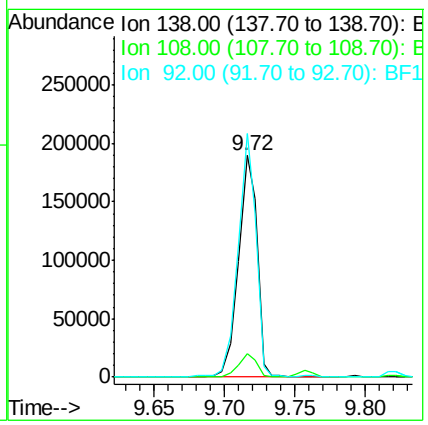


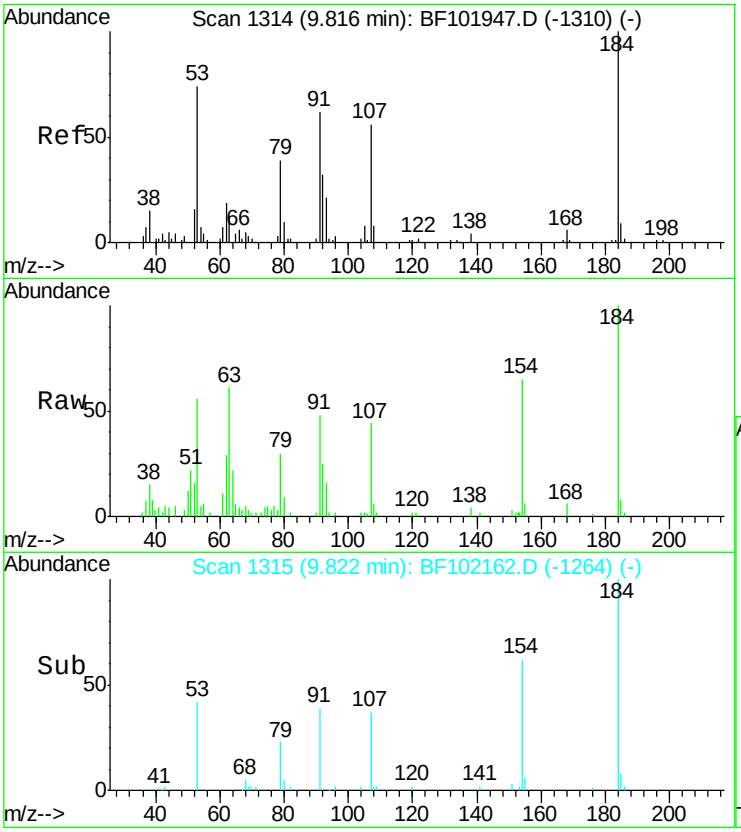




#52
3-Nitroaniline
Concen: 33.659 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:138 Resp: 173980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.7 | 9.4 | 14.0 |
| 92 | 109.9 | 89.4 | 134.2 |



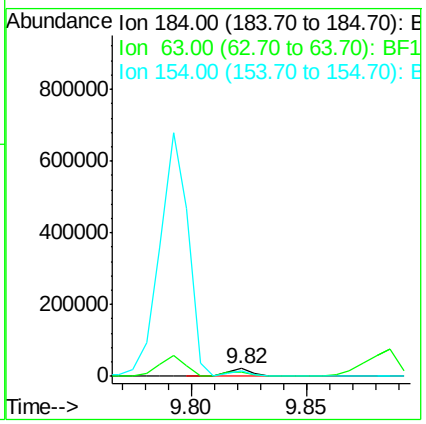


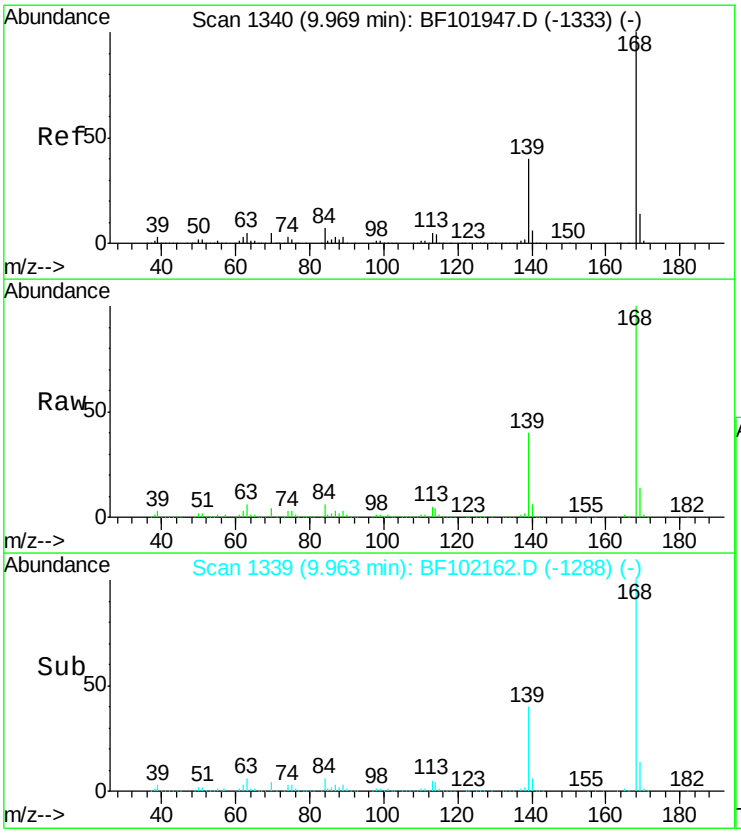

#53
2,4-Dinitrophenol
Concen: 18.037 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:184 Resp: 16461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 60.8 | 54.2 | 81.2 |
| 154 | 65.1 | 184.0 | 276.0# |

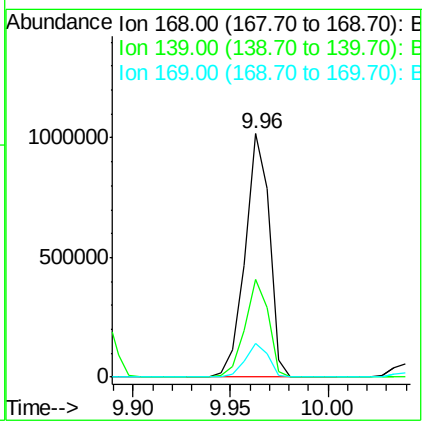


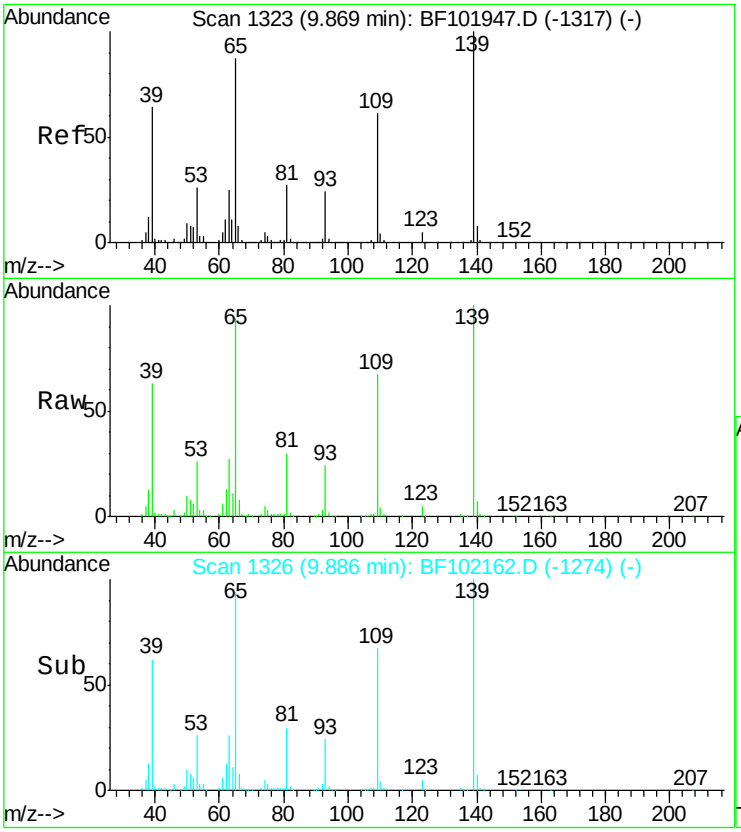




#54
Dibenzofuran
Concen: 37.873 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:168 Resp: 877096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.3 | 30.1 | 45.1 |
| 169 | 13.9 | 10.9 | 16.3 |



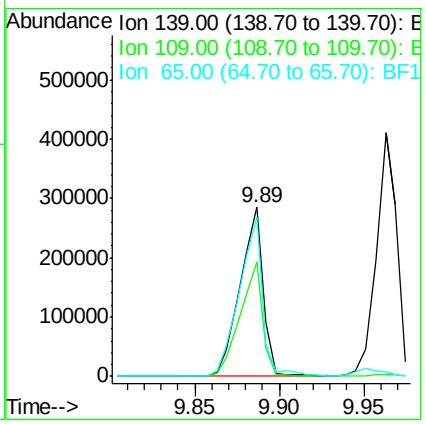


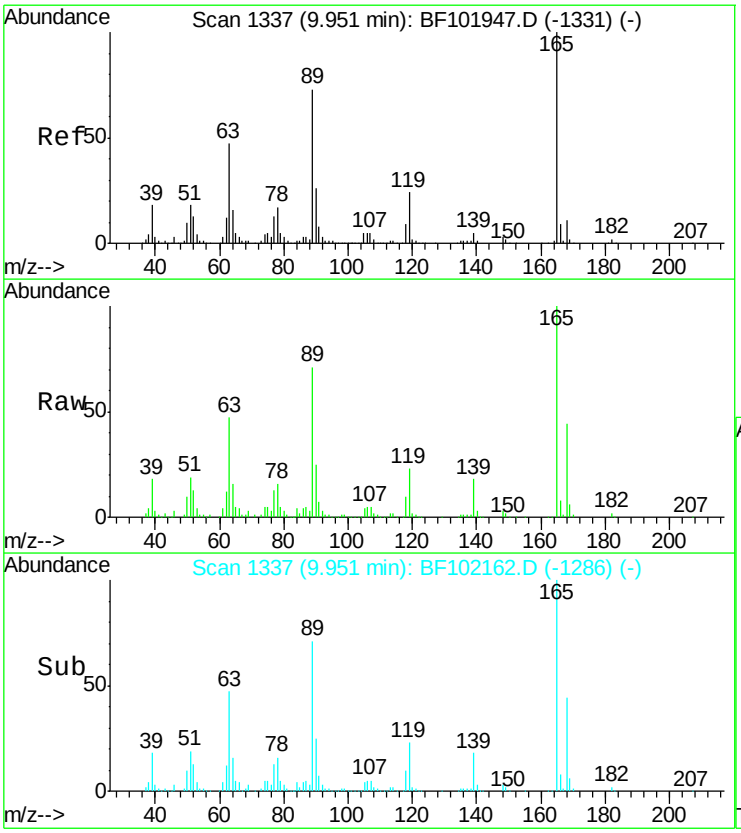

#55
4-Nitrophenol
Concen: 71.212 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:139 Resp: 274307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 67.4 | 48.4 | 88.4 |
| 65 | 94.0 | 72.6 | 112.6 |

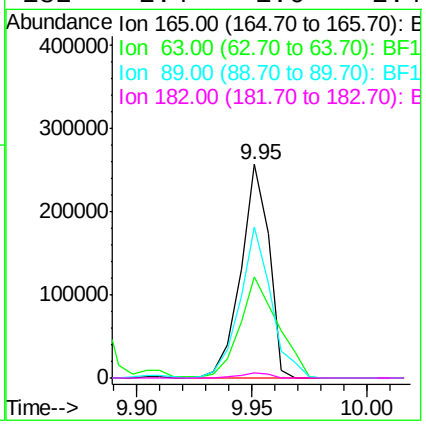


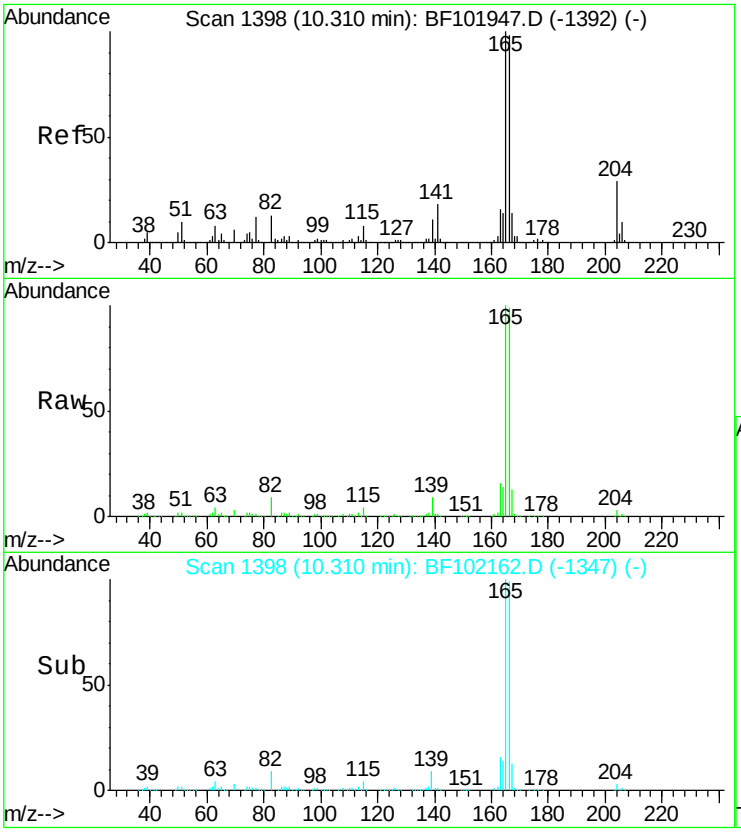




#56
2,4-Dinitrotoluene
Concen: 42.676 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:165 Resp: 219070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.4 | 36.4 | 54.6 |
| 89 | 70.7 | 57.8 | 86.6 |
| 182 | 2.4 | 1.6 | 2.4 |



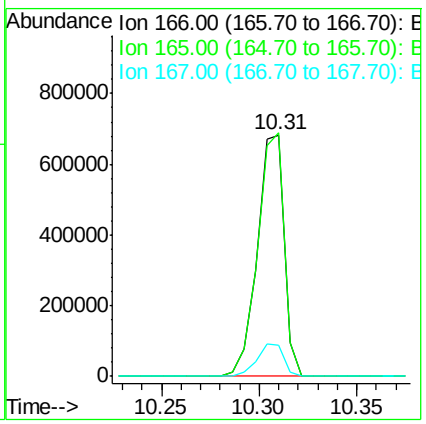


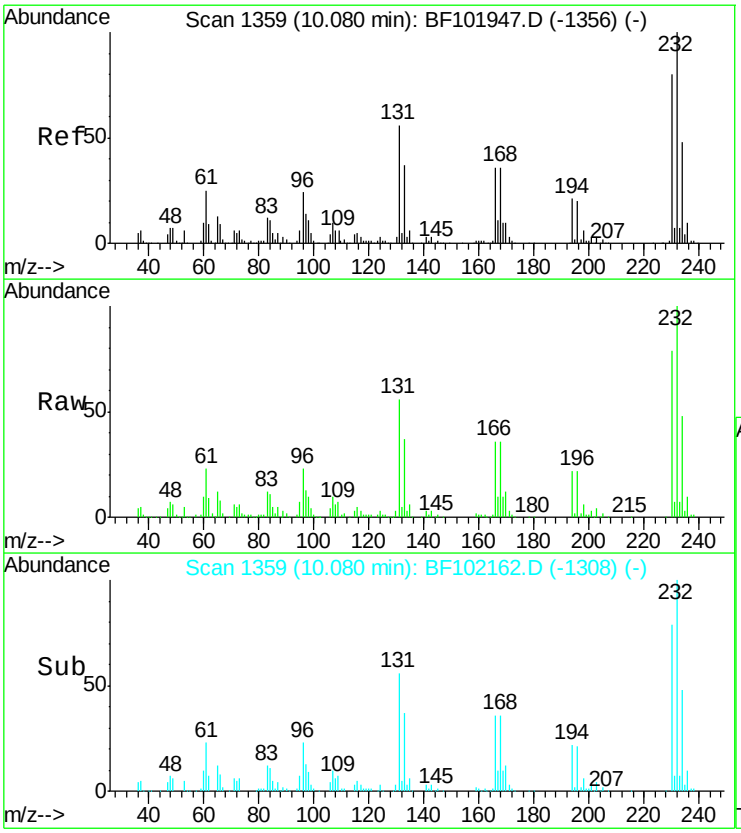

#57
Fluorene
Concen: 40.625 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:166 Resp: 650385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.8 | 79.8 | 119.8 |
| 167 | 13.0 | 10.6 | 16.0 |

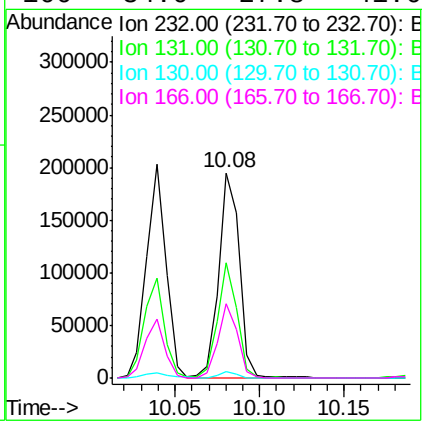


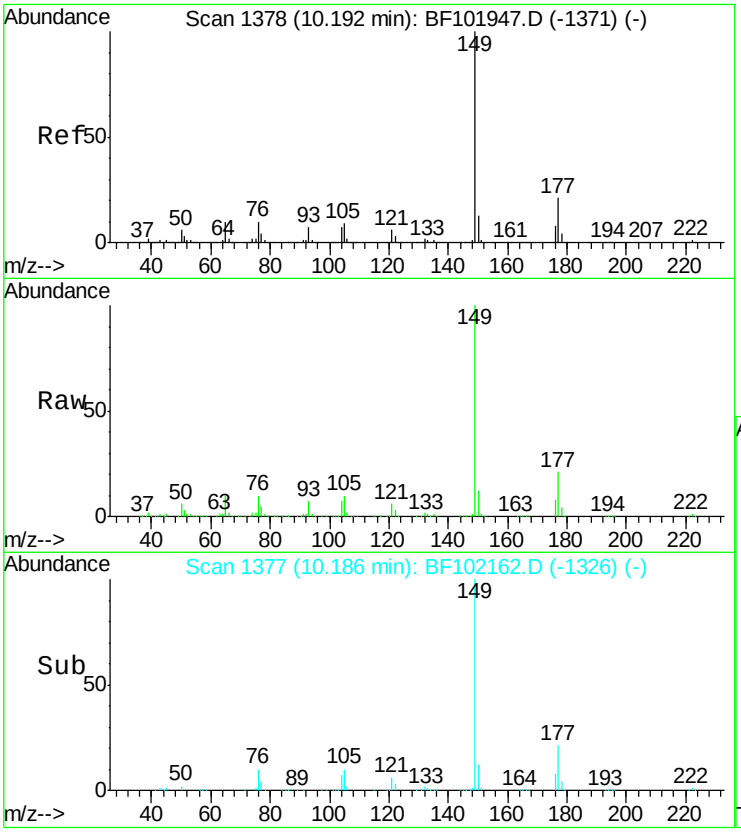




#58
2,3,4,6-Tetrachlorophenol
Concen: 41.632 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:232 Resp: 166920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 53.3 | 43.8 | 65.8 |
| 130 | 2.7 | 2.1 | 3.1 |
| 166 | 34.0 | 27.8 | 41.6 |



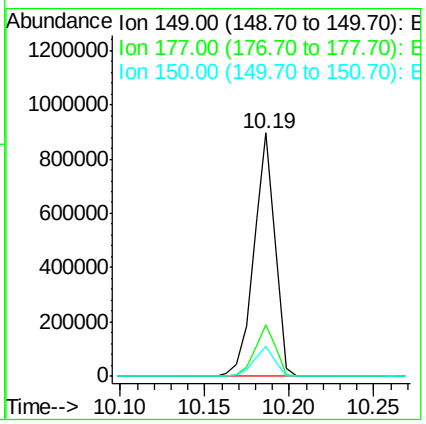


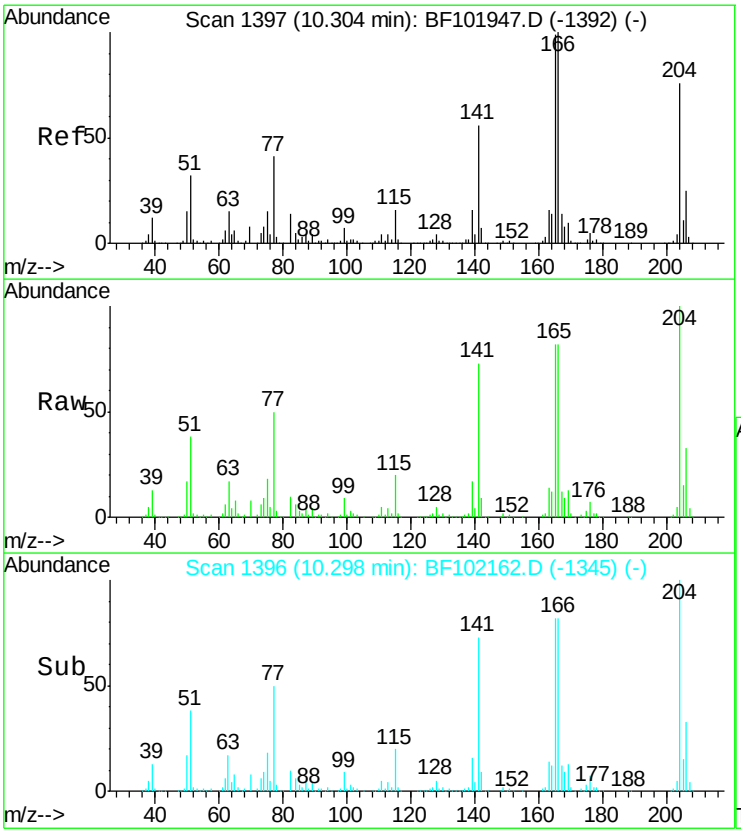

#59
Diethylphthalate
Concen: 38.288 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:149 Resp: 780898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.2 | 16.1 | 24.1 |
| 150 | 12.5 | 10.1 | 15.1 |

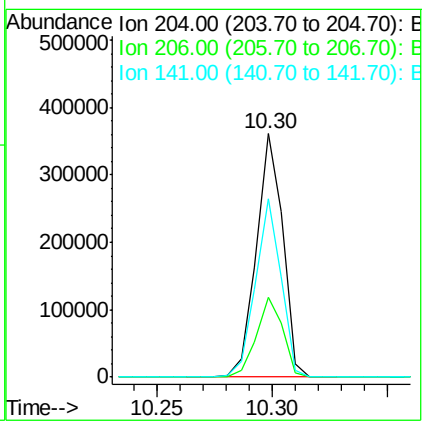


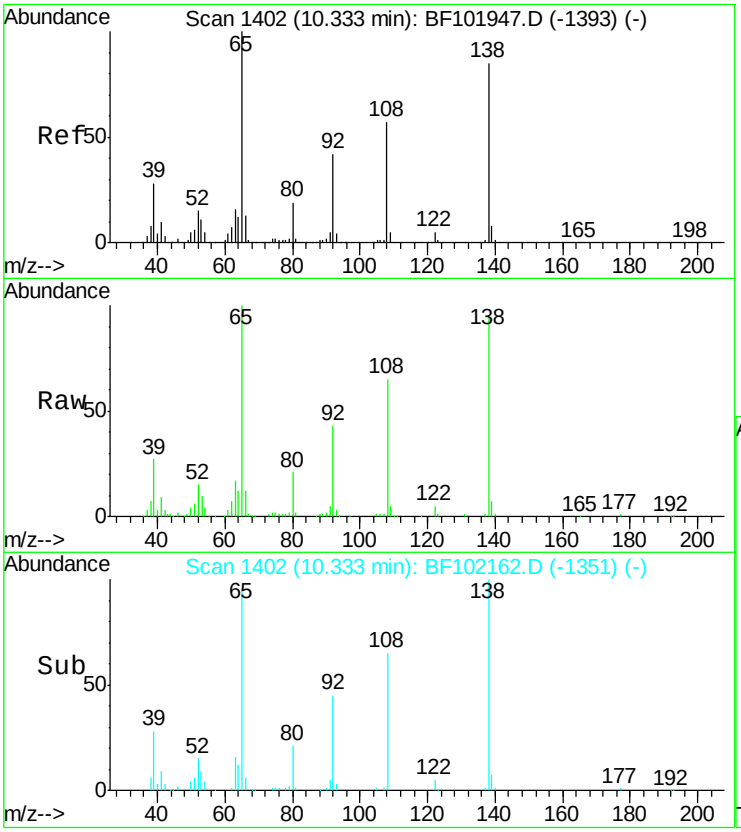




#60
4-Chlorophenyl-phenylether
Concen: 42.482 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:204 Resp: 289603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.0 | 26.5 | 39.7 |
| 141 | 73.4 | 54.6 | 81.8 |



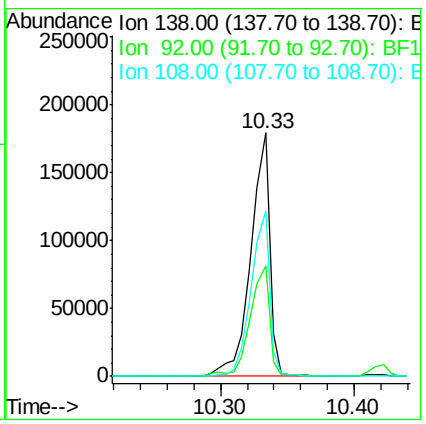


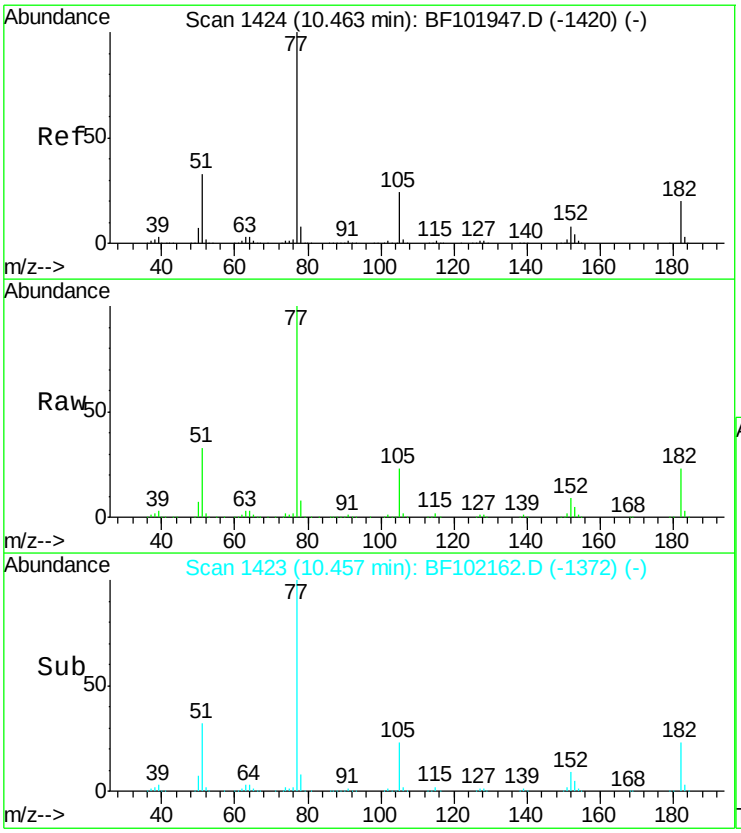

#61
4-Nitroaniline
Concen: 35.573 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:138 Resp: 174497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.4 | 30.2 | 70.2 |
| 108 | 67.9 | 52.5 | 92.5 |

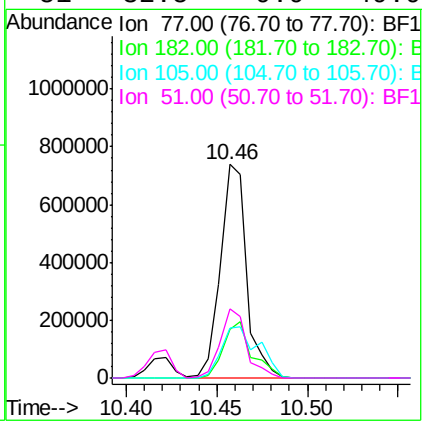


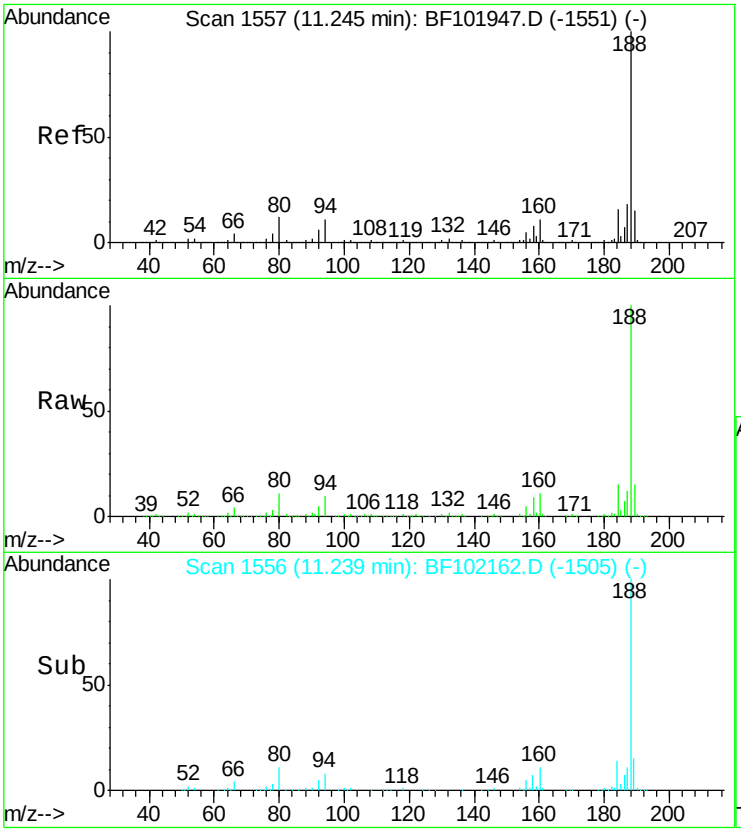




#62
Azobenzene
Concen: 36.606 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion: 77 Resp: 742802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 22.8 | 1.7 | 41.7 |
| 105 | 23.5 | 3.0 | 43.0 |
| 51 | 32.5 | 9.9 | 49.9 |



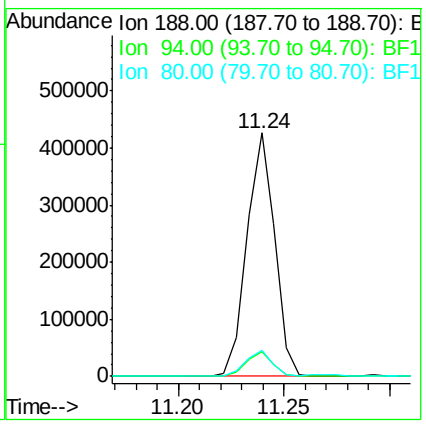


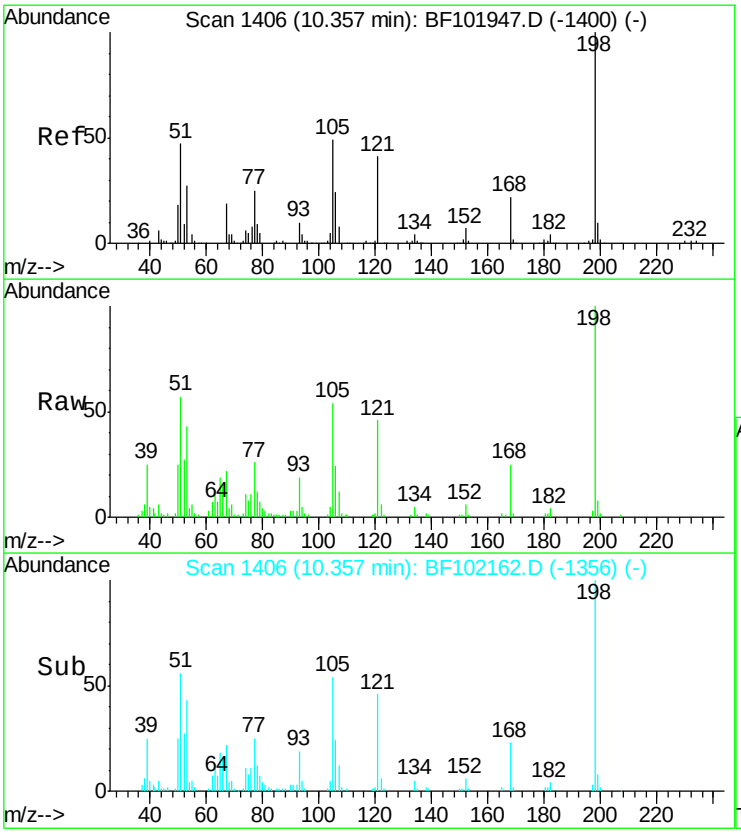

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:188 Resp: 389584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.1 | 8.5 | 12.7 |
| 80 | 10.9 | 9.2 | 13.8 |

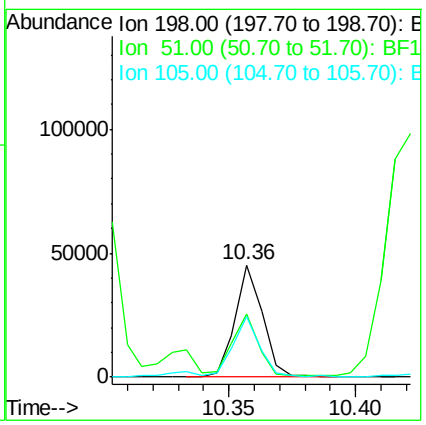


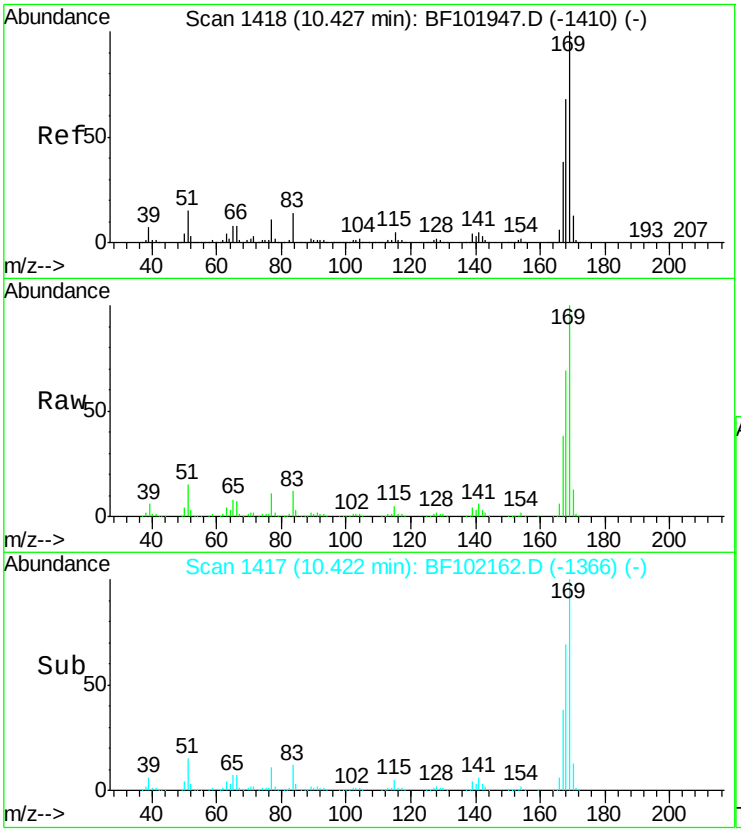




#64
4,6-Dinitro-2-methylphenol
Concen: 19.810 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:198 Resp: 33938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 56.8 | 37.7 | 77.7 |
| 105 | 53.8 | 36.3 | 76.3 |



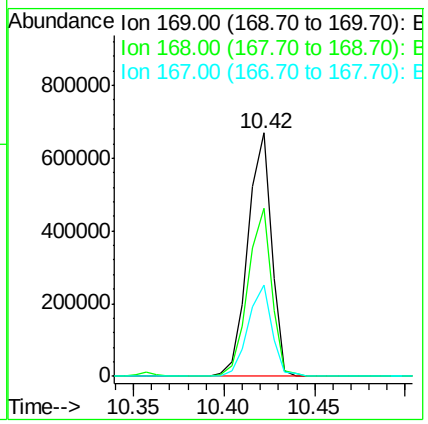


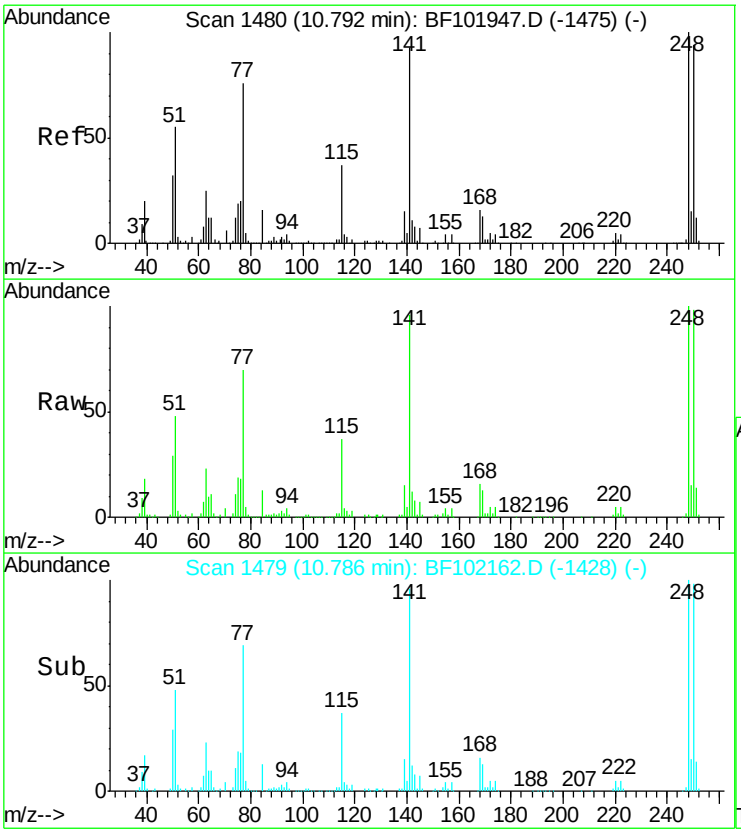

#65
n-Nitrosodiphenylamine
Concen: 41.707 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:169 Resp: 608431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.9 | 54.4 | 81.6 |
| 167 | 37.6 | 29.8 | 44.6 |

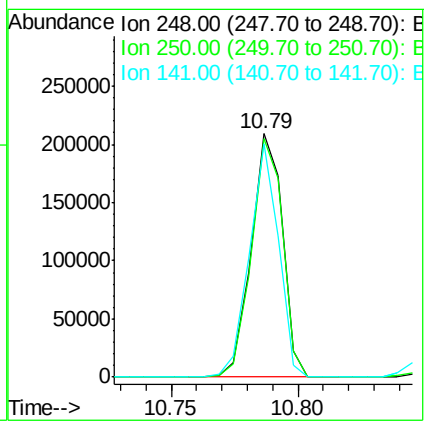


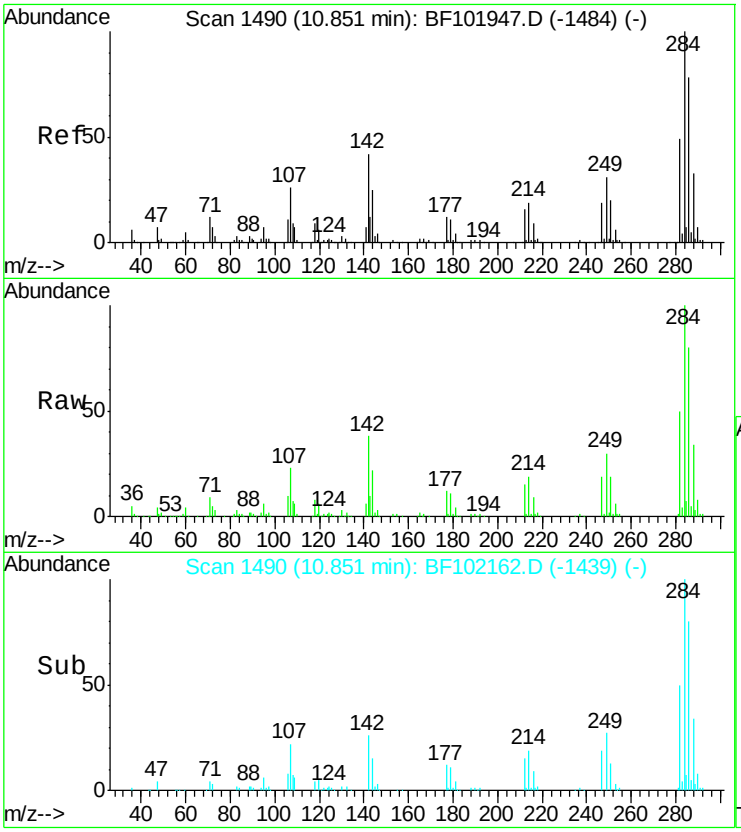




#66
4-Bromophenyl-phenylether
Concen: 43.709 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:248 Resp: 179828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.2 | 76.9 | 115.3 |
| 141 | 96.1 | 74.4 | 111.6 |



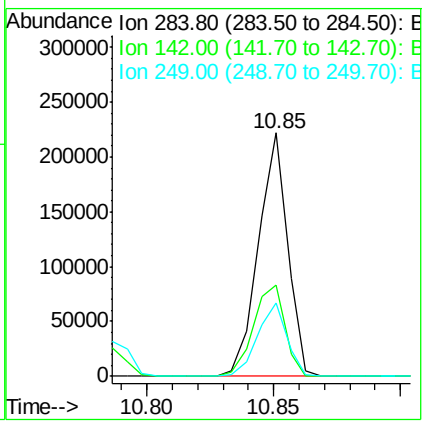


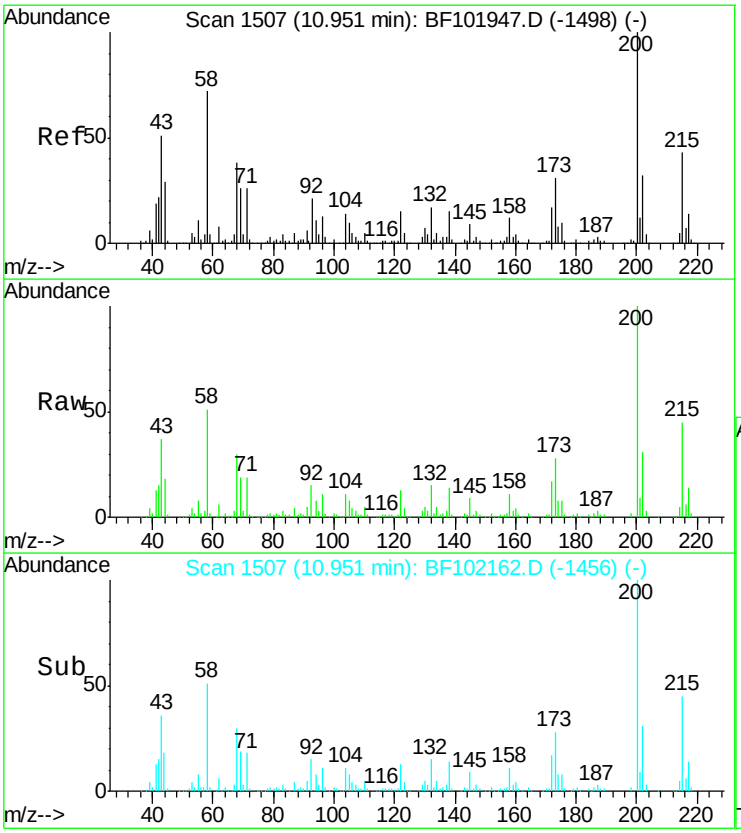

#67
Hexachlorobenzene
Concen: 40.033 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:284 Resp: 179805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 37.6 | 34.6 | 52.0 |
| 249 | 30.2 | 24.8 | 37.2 |

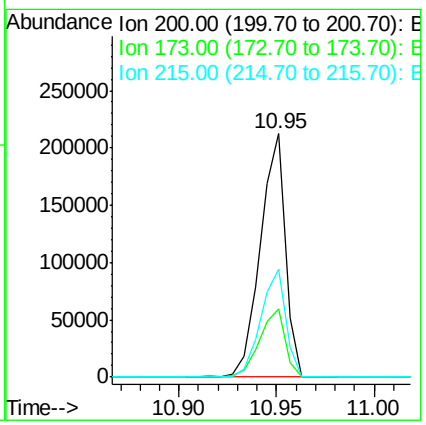


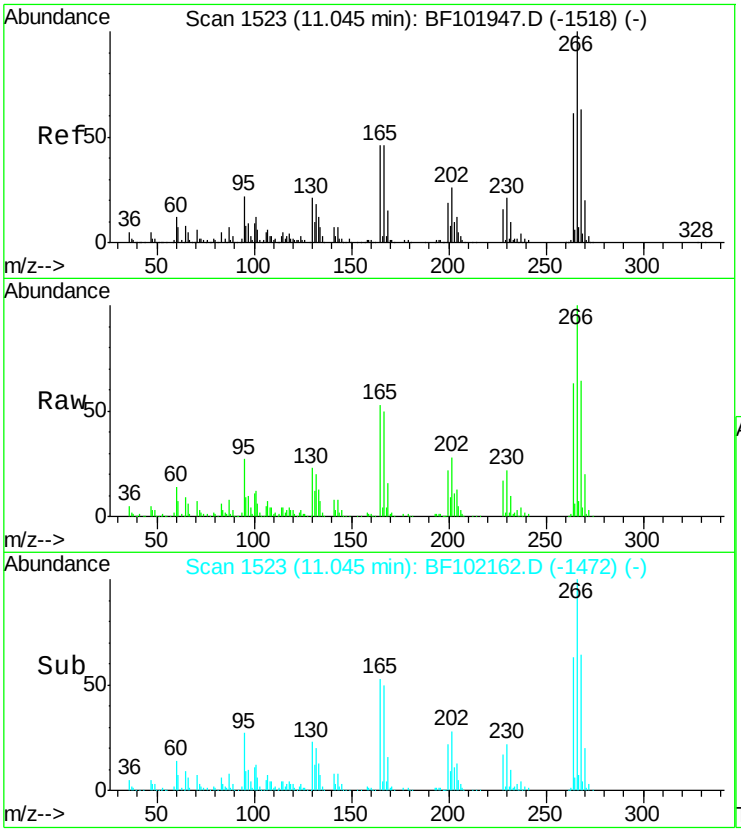




#68
Atrazine
Concen: 44.890 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:200 Resp: 189253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.8 | 8.6 | 48.6 |
| 215 | 44.6 | 25.1 | 65.1 |



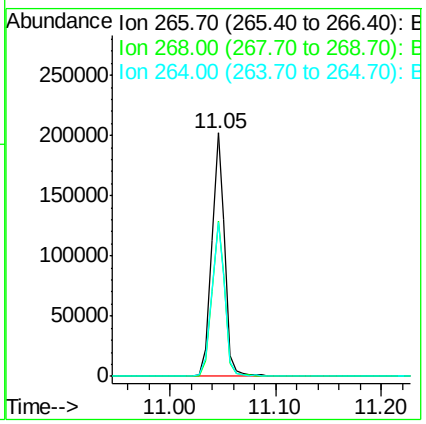


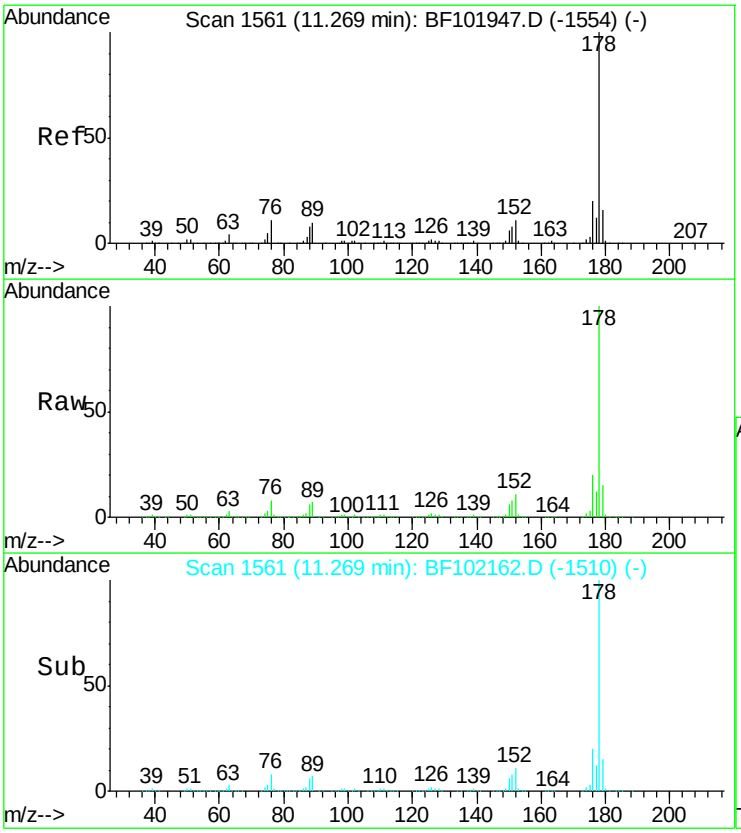

#69
Pentachlorophenol
Concen: 64.566 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:266 Resp: 176834

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

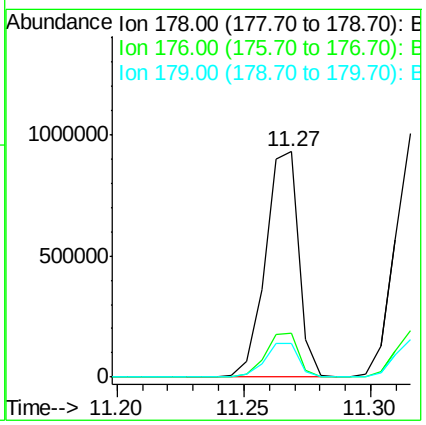


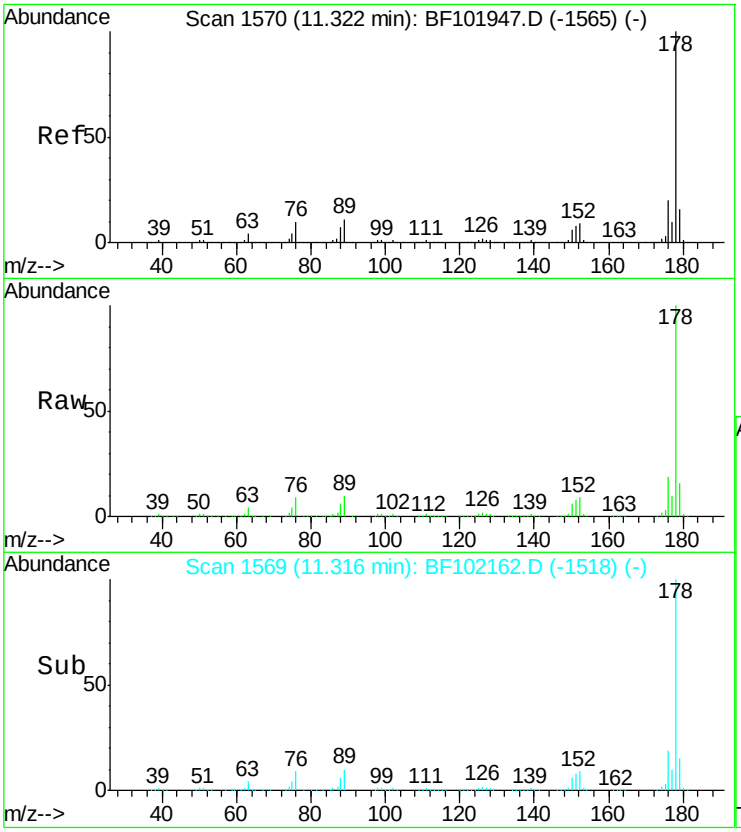




#70
Phenanthrene
Concen: 37.629 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:178 Resp: 856319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.8 | 23.8 |
| 179 | 14.9 | 13.0 | 19.6 |



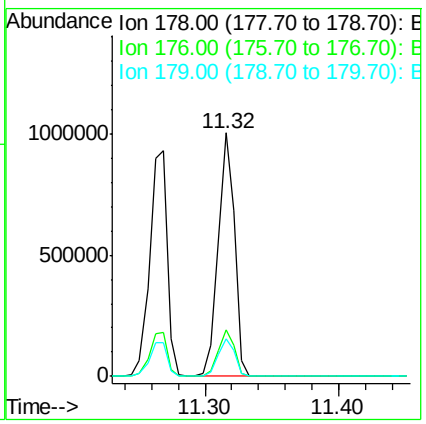


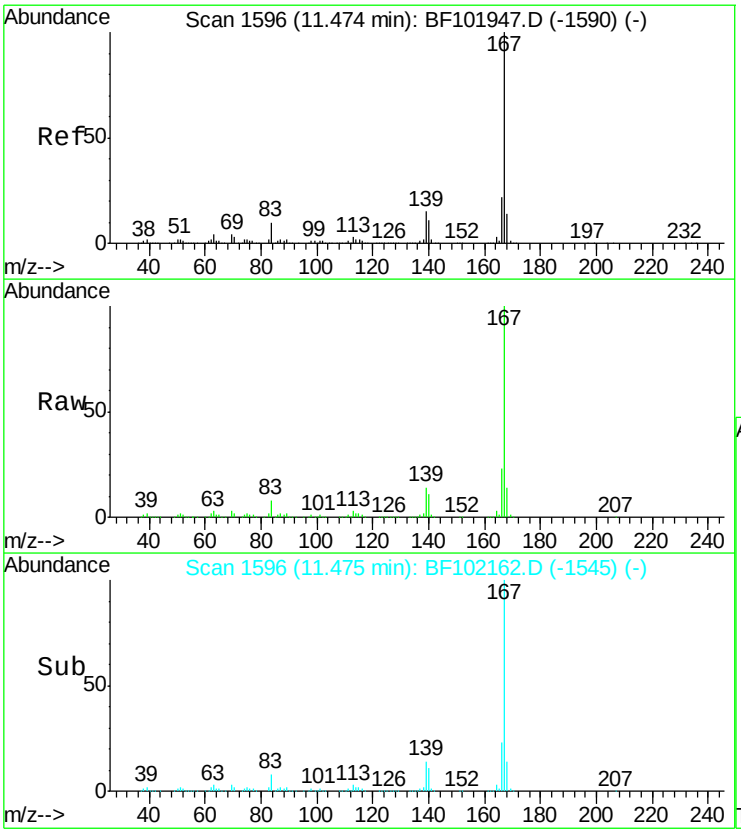

#71
Anthracene
Concen: 37.856 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:178 Resp: 873703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.4 | 23.2 |
| 179 | 15.5 | 12.6 | 19.0 |

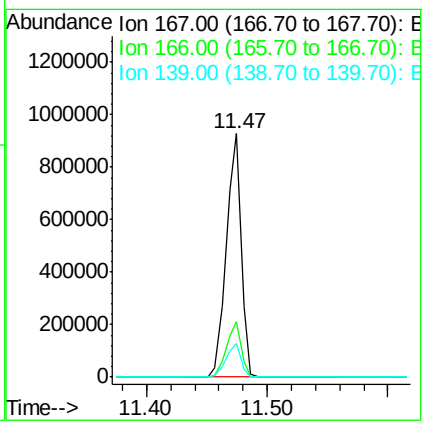


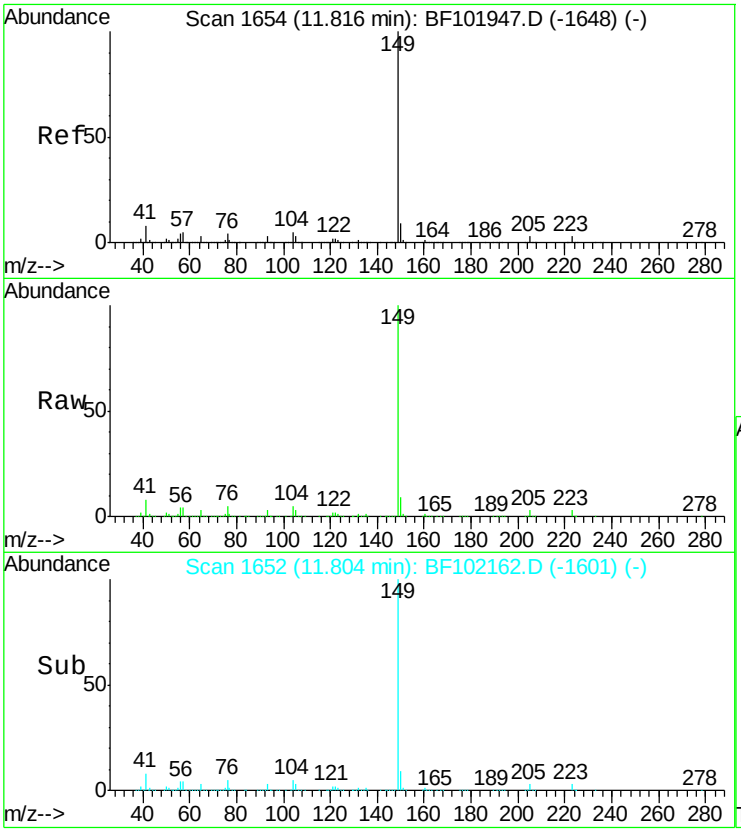




#72
Carbazole
Concen: 34.903 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:167 Resp: 791782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.9 | 17.6 | 26.4 |
| 139 | 13.9 | 10.9 | 16.3 |



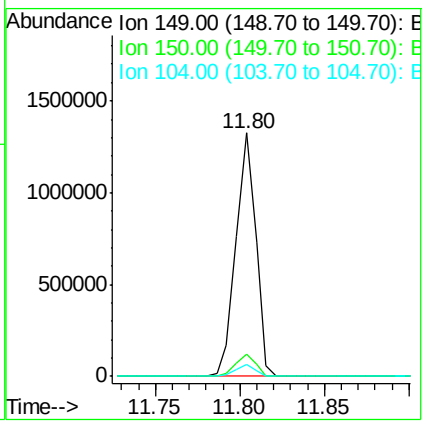


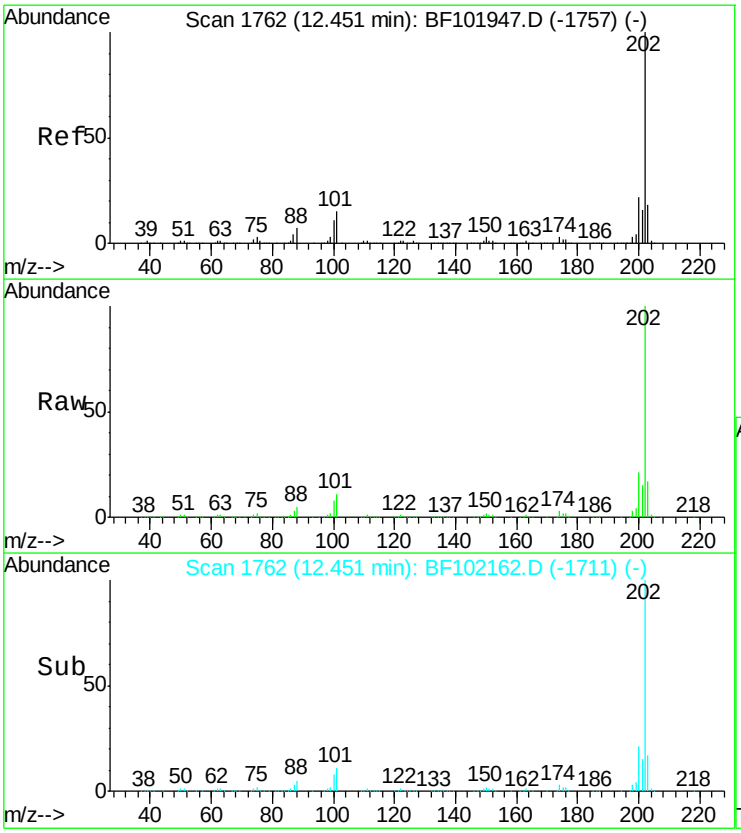

#73
Di-n-butylphthalate
Concen: 38.827 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:149 Resp: 1080615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.1 | 7.8 | 11.6 |
| 104 | 4.9 | 3.8 | 5.8 |

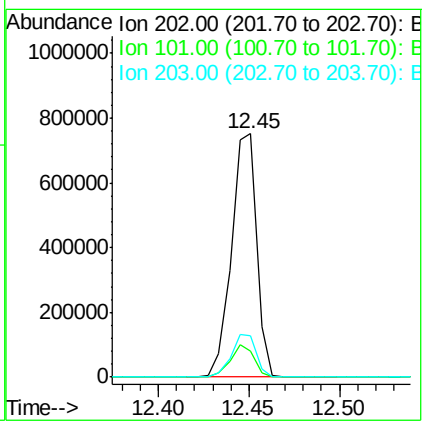


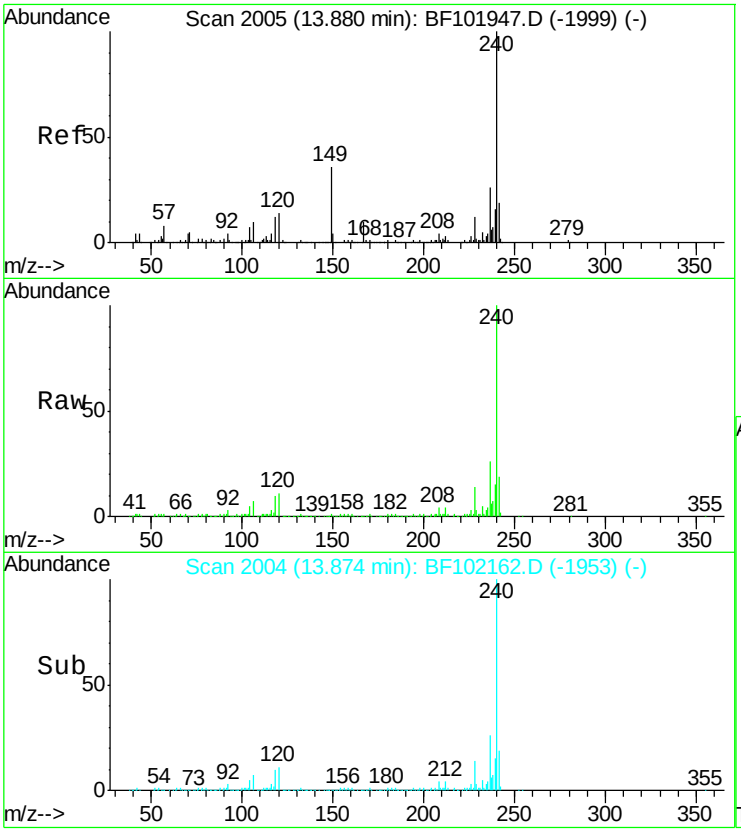




#74
Fluoranthene
Concen: 32.418 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:202 Resp: 725830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.8 | 0.0 | 34.1 |
| 203 | 17.1 | 0.0 | 38.1 |



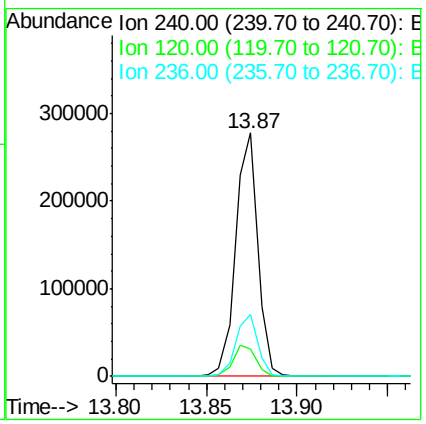


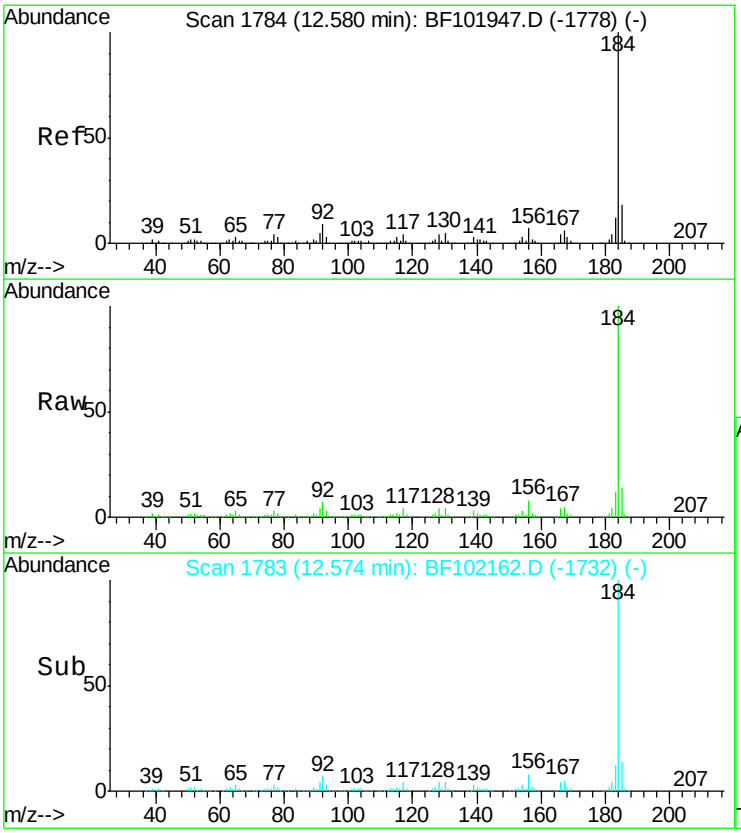

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:240 Resp: 236662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 9.5 | 14.3 |
| 236 | 25.6 | 20.7 | 31.1 |

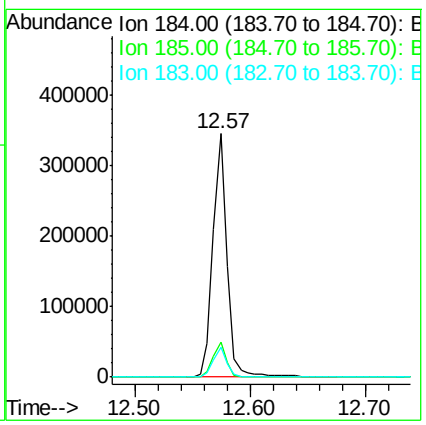


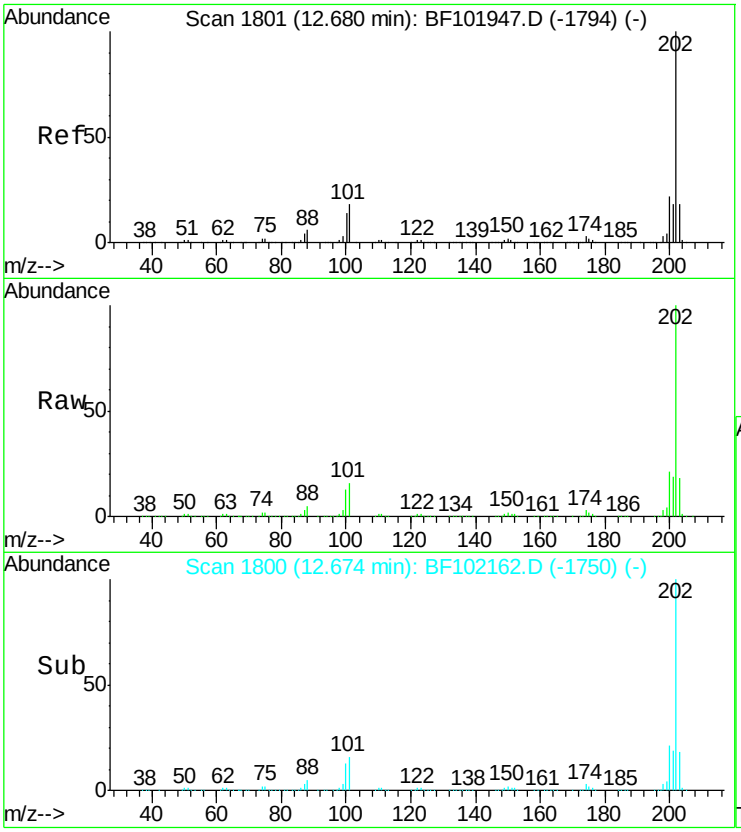




#76
Benzidine
Concen: 25.691 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:184 Resp: 293597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 12.6 | 18.8 |
| 183 | 12.4 | 9.3 | 13.9 |



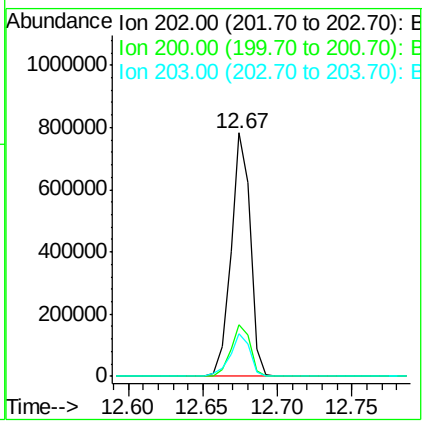


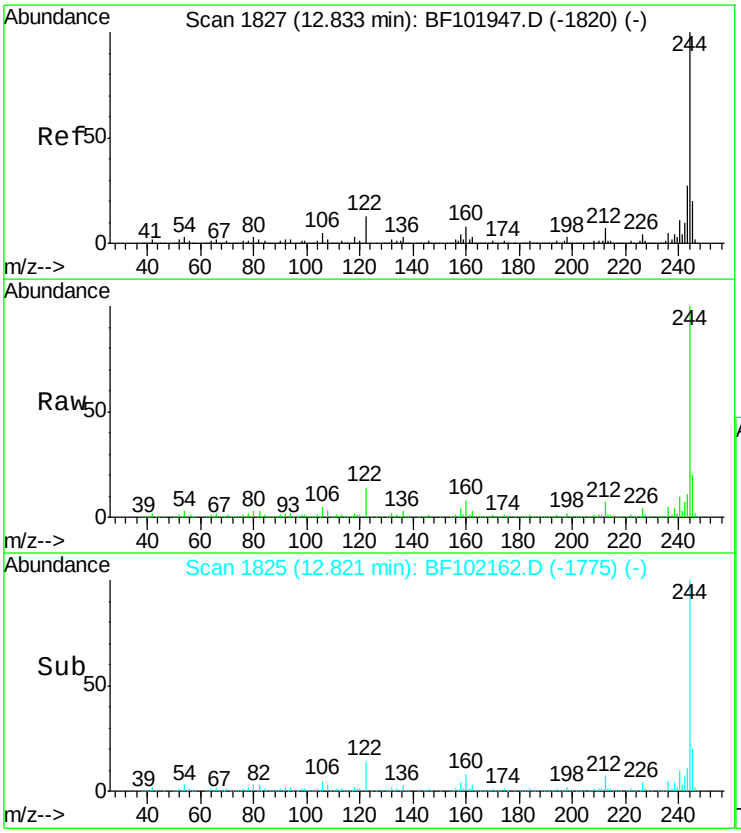

#77
Pyrene
Concen: 33.971 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:202 Resp: 710644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.4 | 26.2 |
| 203 | 17.6 | 14.3 | 21.5 |

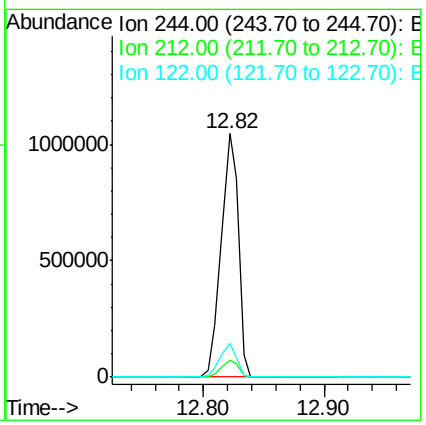


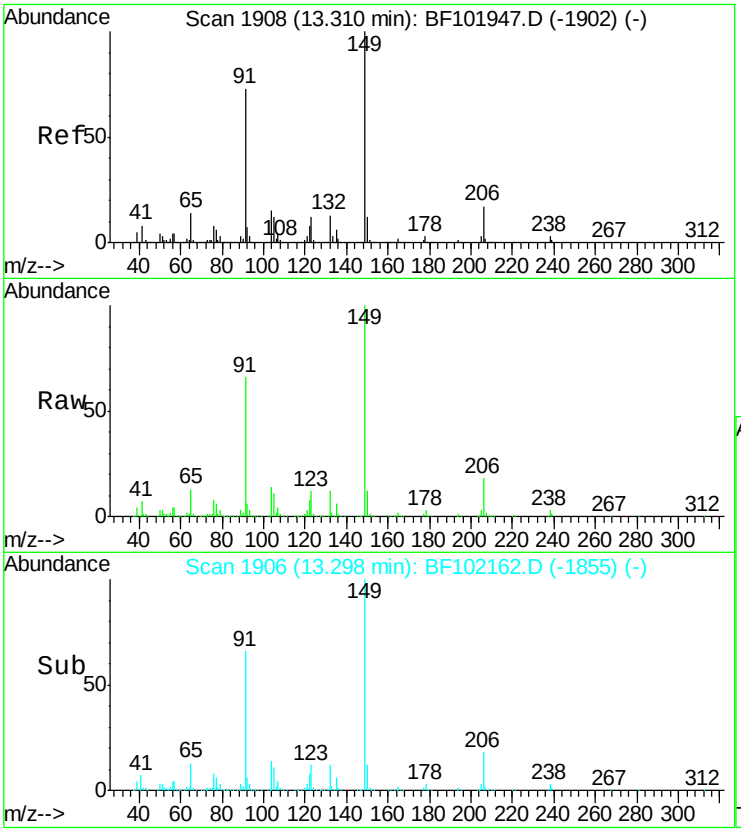




#78
Terphenyl-d14
Concen: 89.914 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:244 Resp: 1024887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 13.7 | 11.0 | 16.4 |



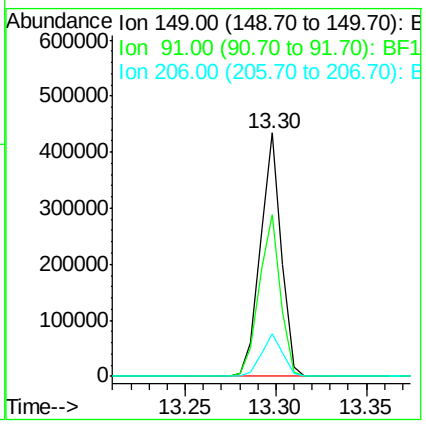


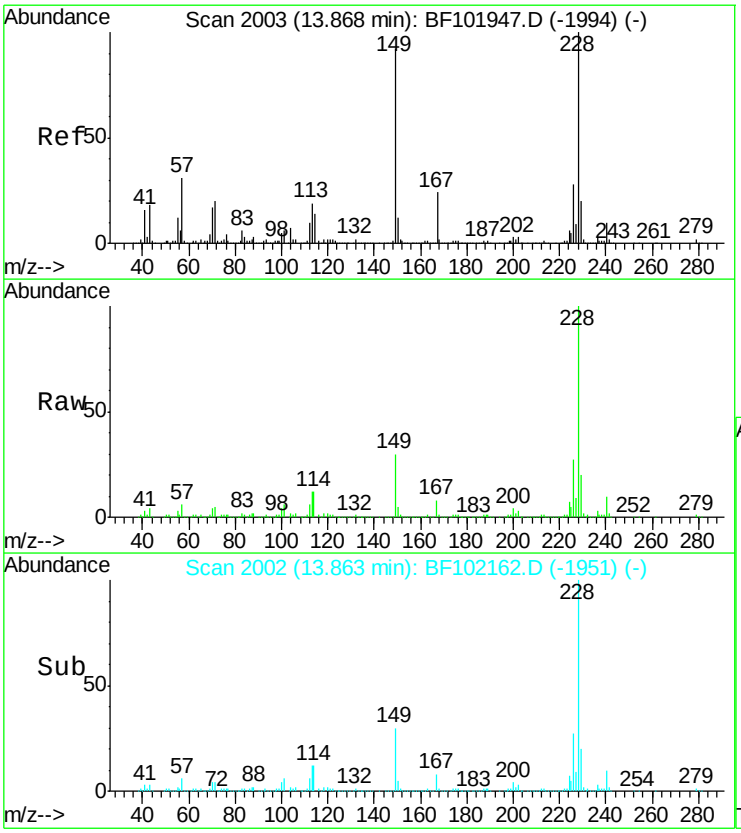

#79
Butylbenzylphthalate
Concen: 36.166 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:149 Resp: 347213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 66.3 | 56.8 | 85.2 |
| 206 | 17.7 | 14.1 | 21.1 |

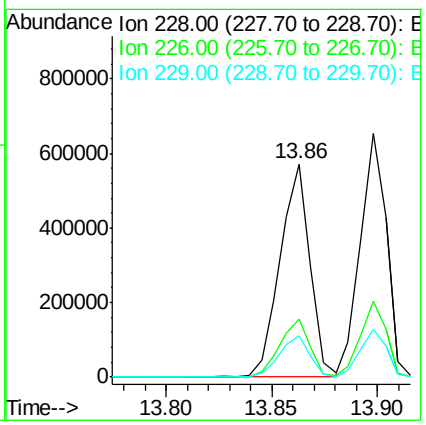


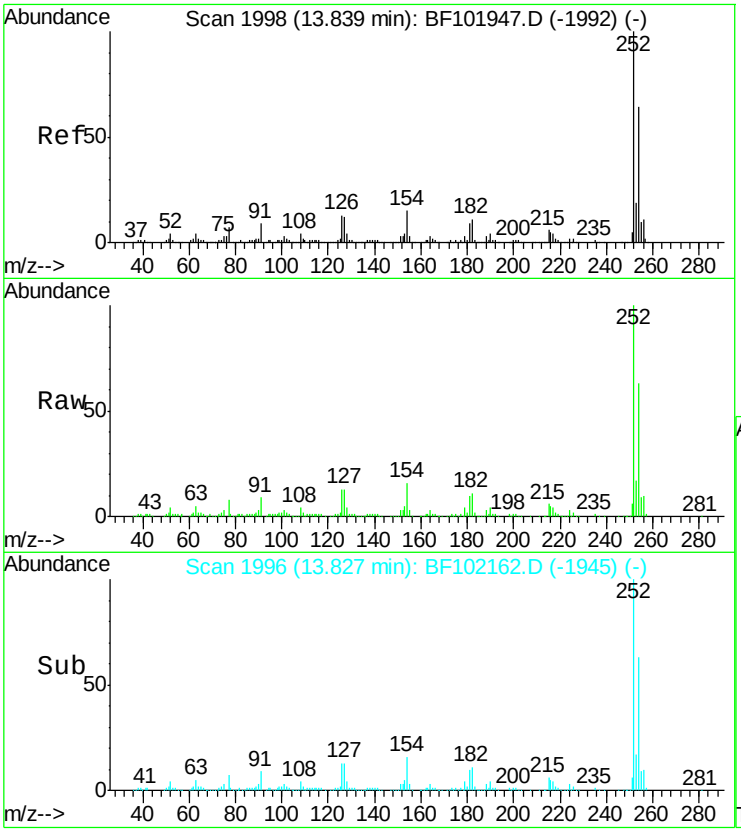




#80
Benzo(a)anthracene
Concen: 37.434 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:228 Resp: 565248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 22.6 | 33.8 |
| 229 | 19.6 | 15.8 | 23.6 |



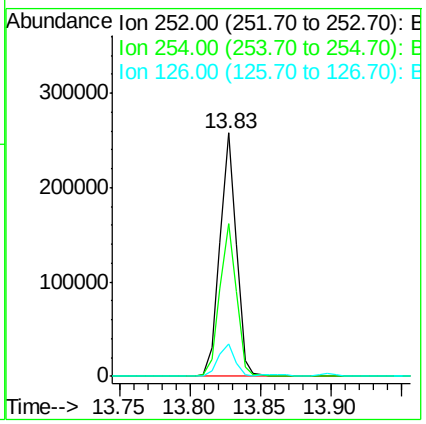


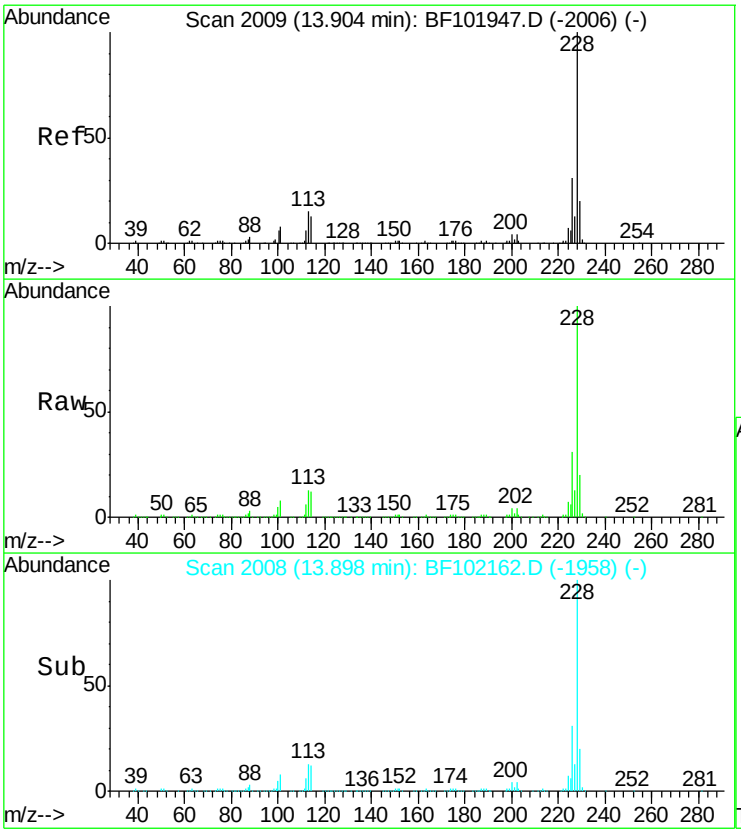

#81
3,3'-Dichlorobenzidine
Concen: 37.684 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:252 Resp: 210691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 62.6 | 50.4 | 75.6 |
| 126 | 13.1 | 11.3 | 16.9 |

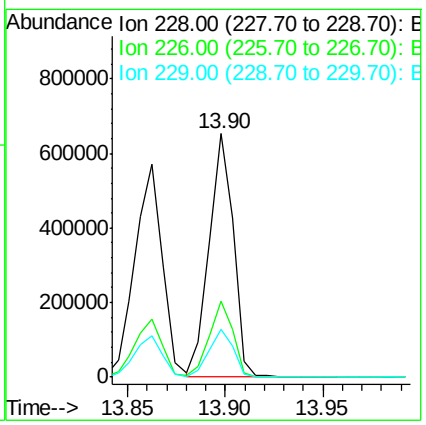


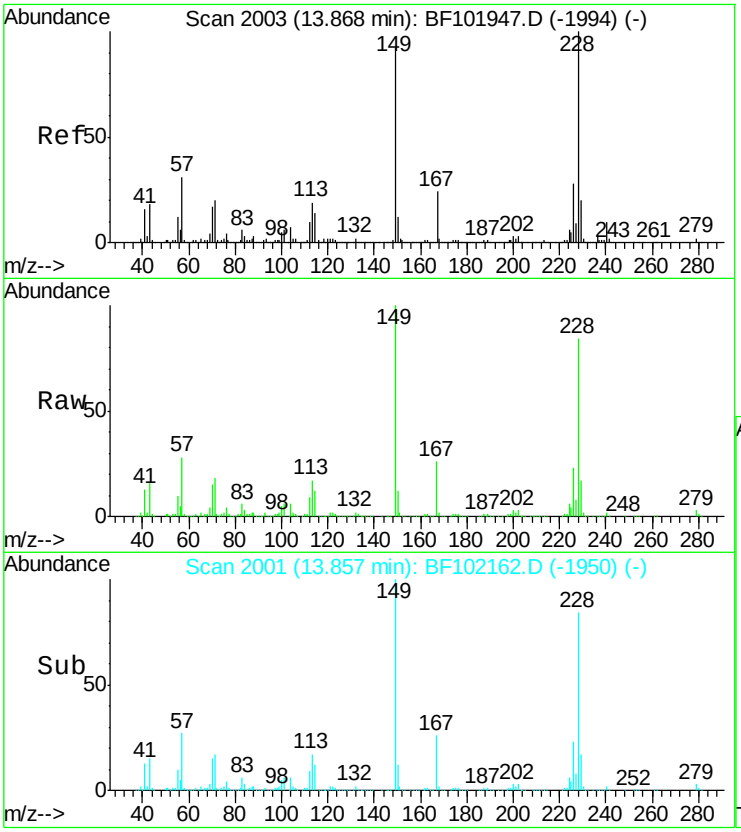




#82
Chrysene
Concen: 35.617 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:228 Resp: 560785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 25.0 | 37.6 |
| 229 | 19.8 | 16.2 | 24.4 |



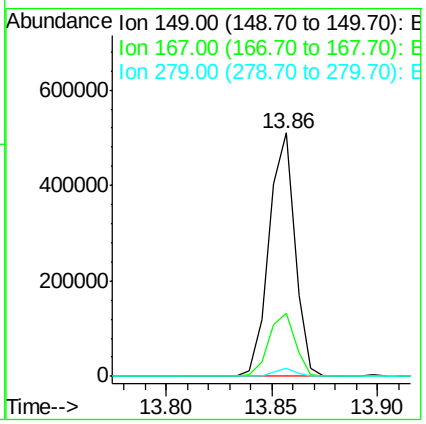


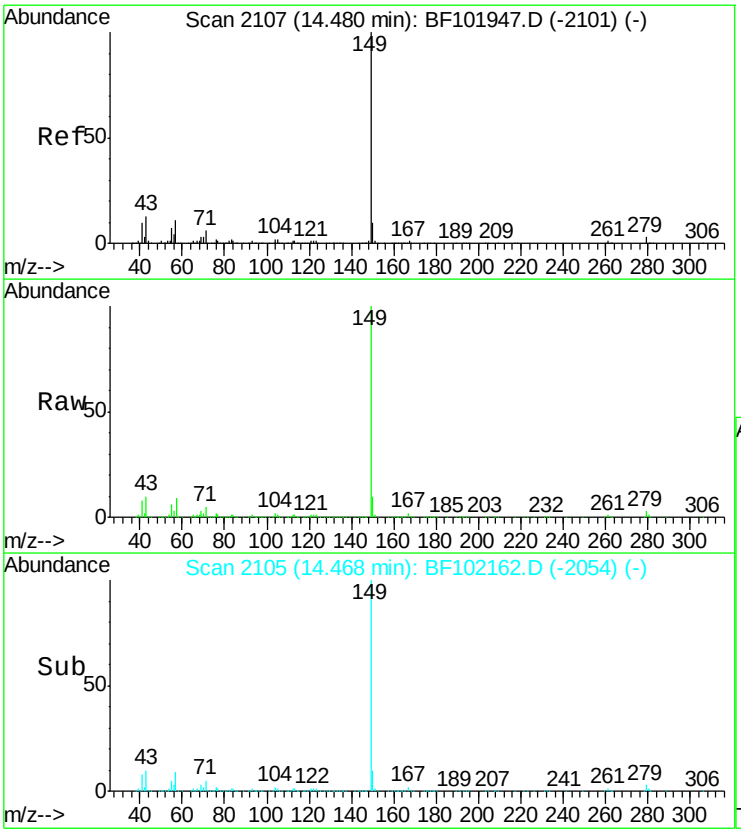

#83
Bis(2-ethylhexyl)phthalate
Concen: 39.670 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:149 Resp: 436899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.8 | 21.3 | 31.9 |
| 279 | 3.4 | 3.0 | 4.4 |

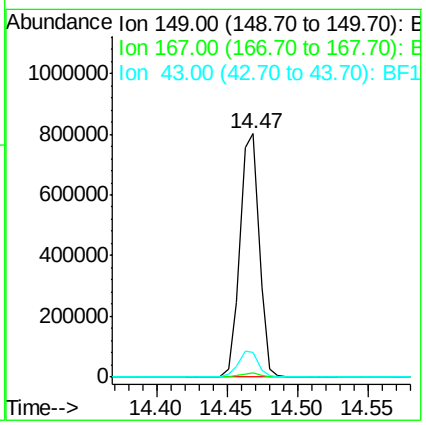


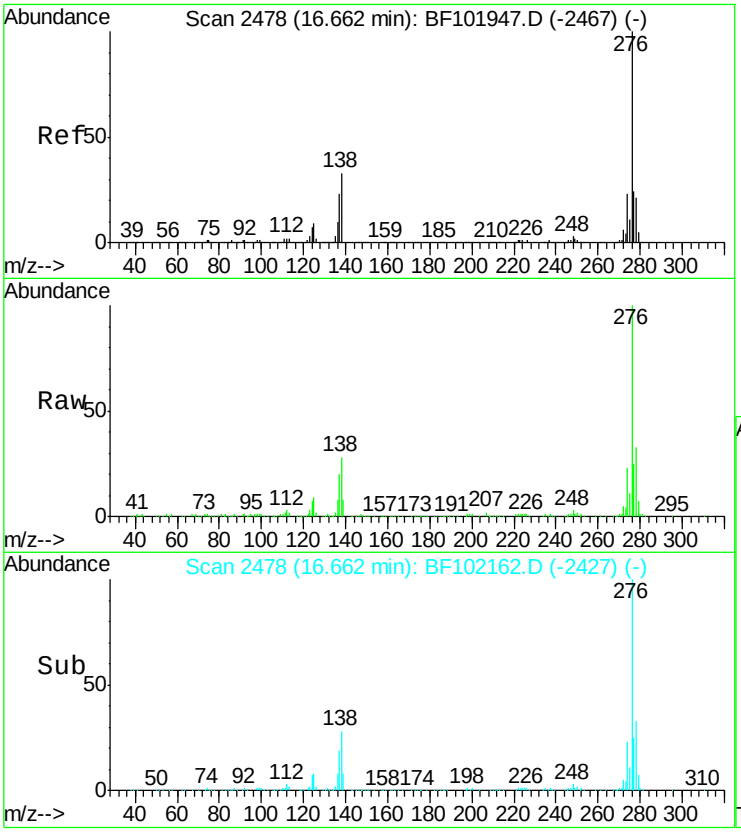




#84
Di-n-octyl phthalate
Concen: 41.798 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:149 Resp: 763887

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



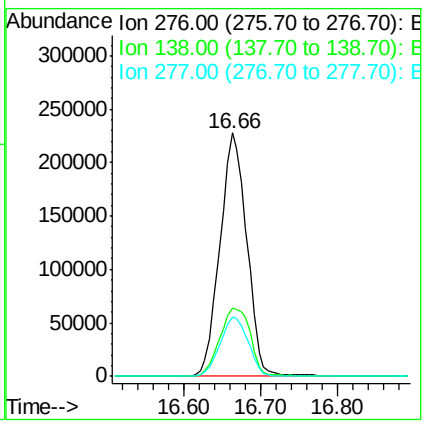


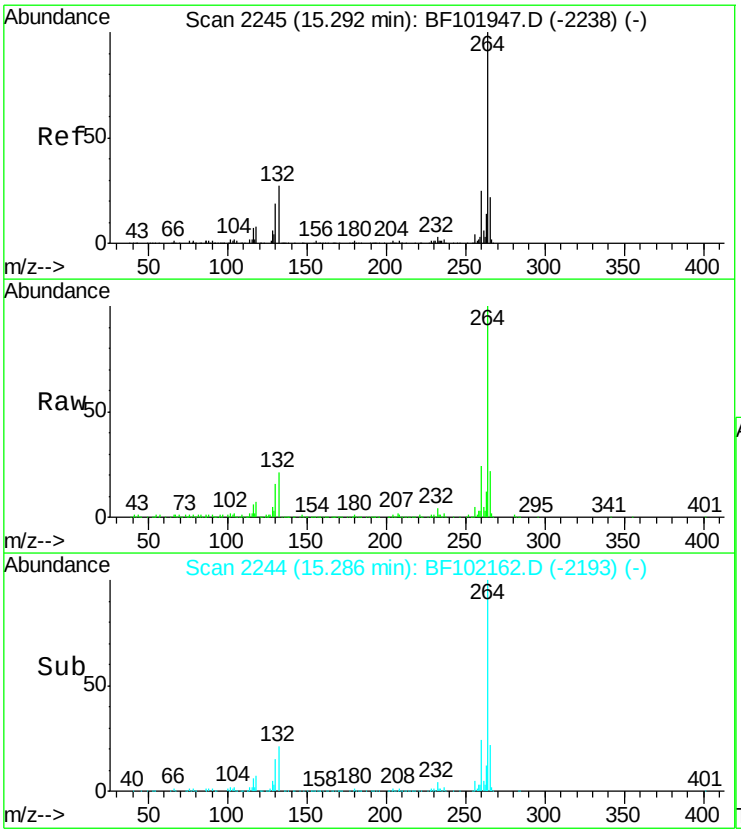

#85
Indeno(1,2,3-cd)pyrene
Concen: 48.290 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:276 Resp: 553389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 32.0 | 25.0 | 37.6 |
| 277 | 25.7 | 20.1 | 30.1 |

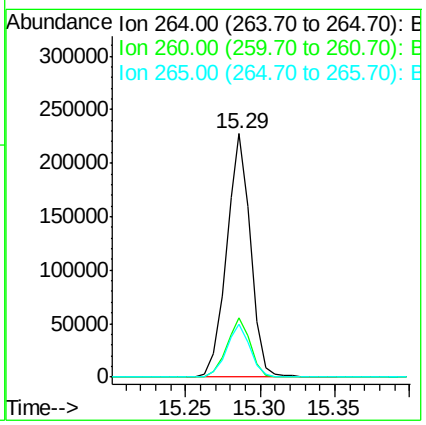


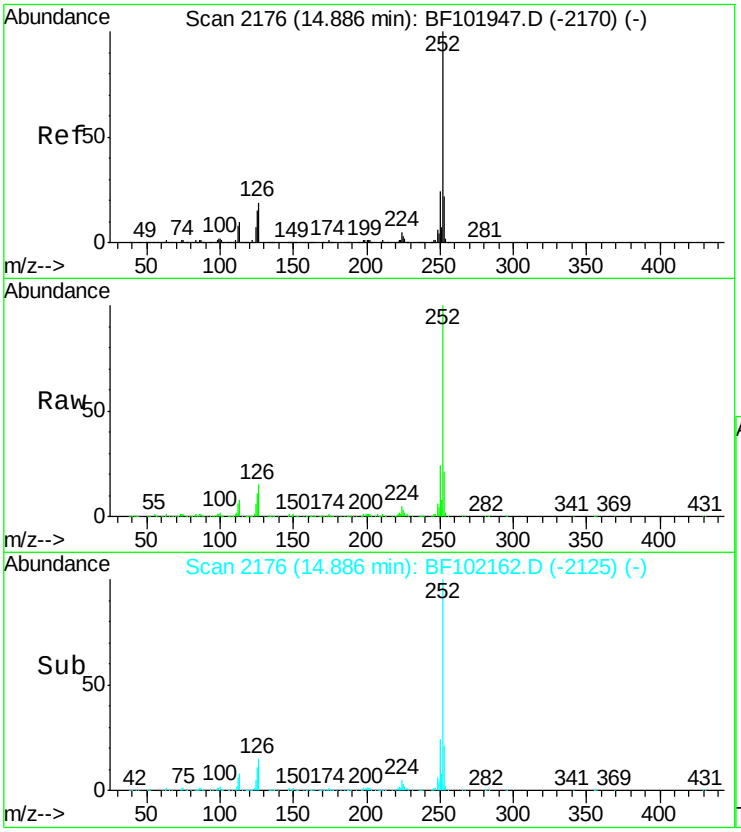




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:264 Resp: 255531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.2 | 28.8 |
| 265 | 21.7 | 17.5 | 26.3 |



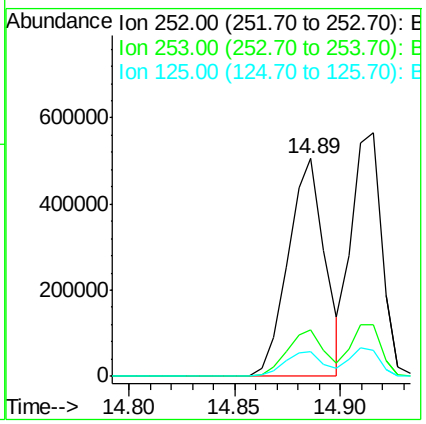


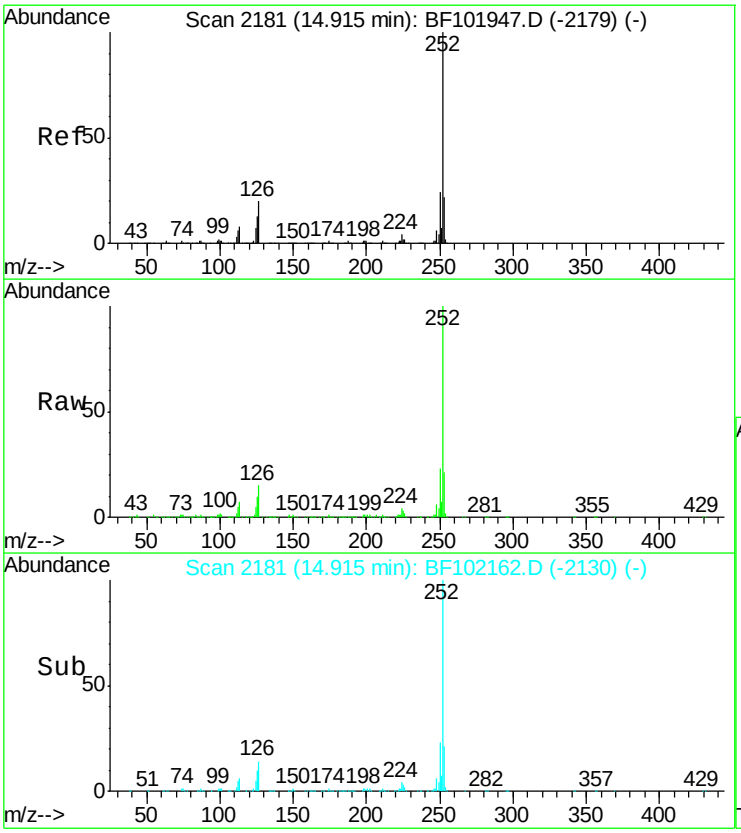

#87
Benzo(b)fluoranthene
Concen: 36.776 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:252 Resp: 612743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.0 | 25.6 |
| 125 | 11.4 | 9.0 | 13.6 |

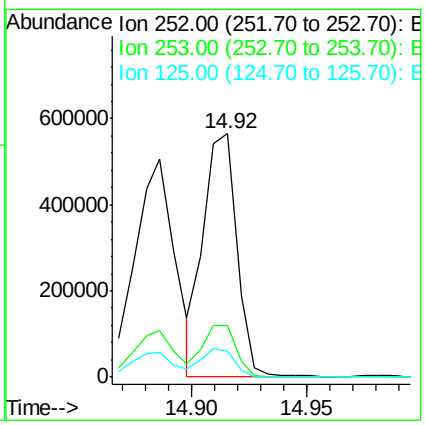


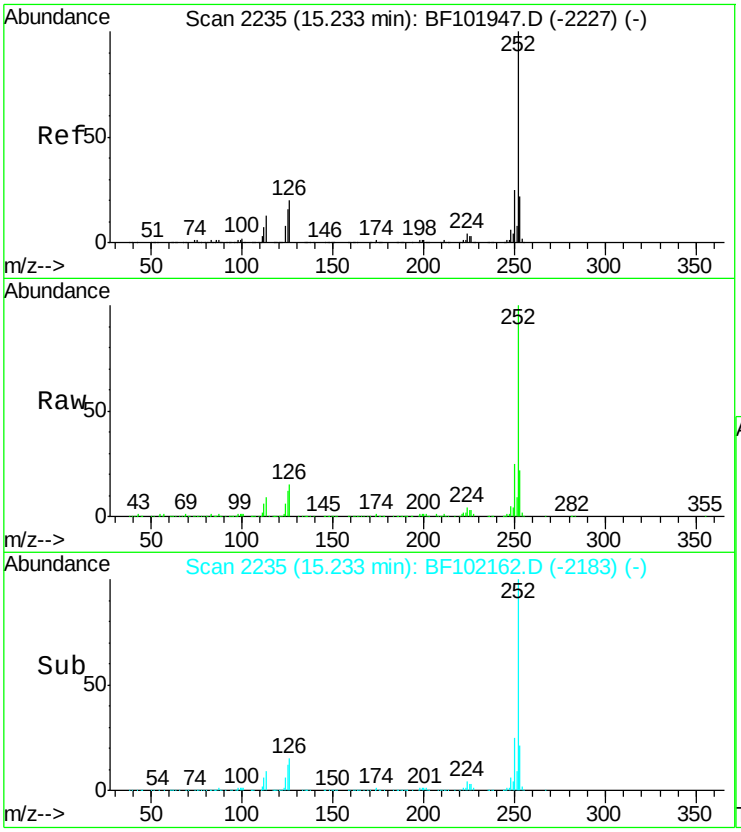




#88
Benzo(k)fluoranthene
Concen: 35.141 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:252 Resp: 564820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.4 | 17.9 | 26.9 |
| 125 | 10.5 | 10.2 | 15.2 |



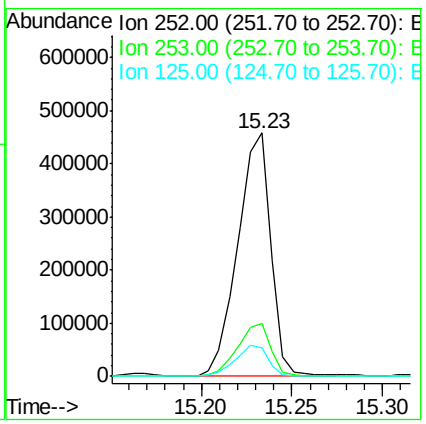


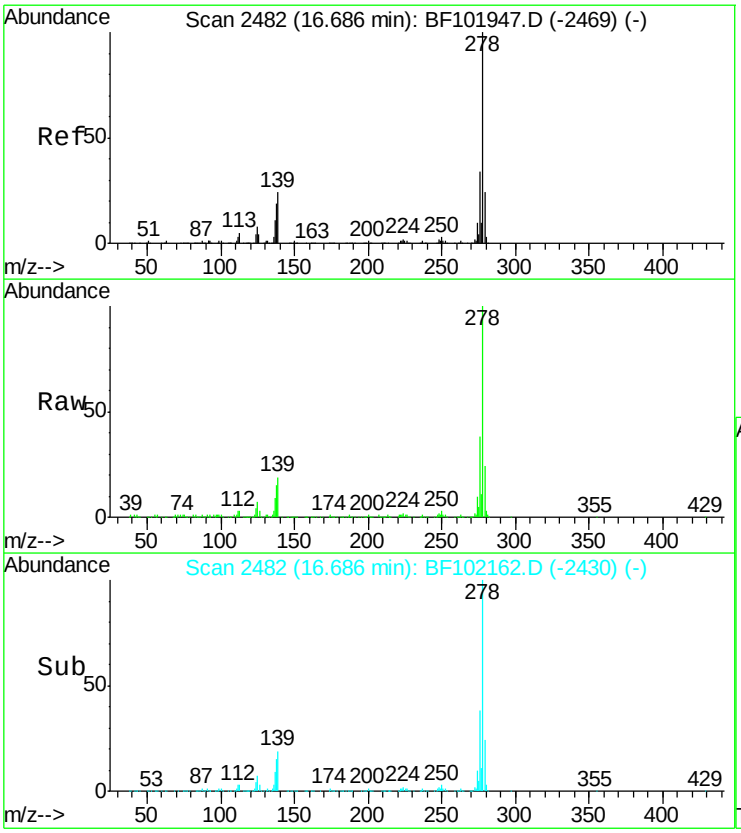

#89
Benzo(a)pyrene
Concen: 38.638 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:252 Resp: 579298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.1 | 25.7 |
| 125 | 11.7 | 9.8 | 14.6 |

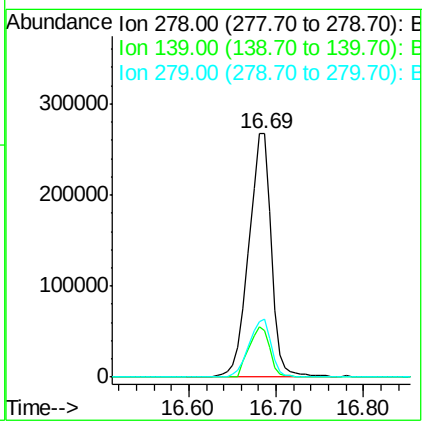


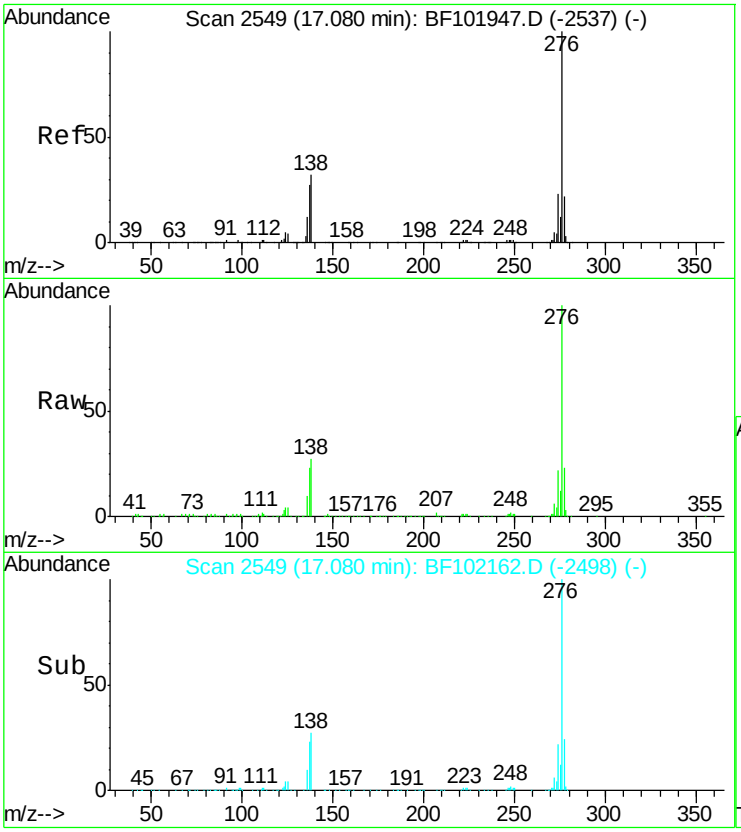




#90
Dibenzo(a,h)anthracene
Concen: 39.071 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

Tgt Ion:278 Resp: 467479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.3 | 15.9 | 23.9 |
| 279 | 23.9 | 19.0 | 28.4 |






#91
Benzo(g,h,i)perylene
Concen: 35.705 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BF102162.D
Acq: 17 Jan 2018 20:47

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

Tgt Ion:276 Resp: 430337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 17.9 | 26.9 |
| 138 | 27.2 | 21.8 | 32.8 |