Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110041.D
Acq On : 22 Oct 2018 11:32
Operator : JU/SJ
Sample : PB114001BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Oct 23 02:06:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.97 | 152 | 163380 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.25 | 136 | 685617 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 10.02 | 164 | 330810 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 11.50 | 188 | 642839 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.15 | 240 | 490604 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 15.67 | 264 | 365343 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 1330120 | 129.05 | ng | | 0.00 |
| 7) Phenol-d6 | 6.60 | 99 | 1685607 | 131.70 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 886440 | 87.10 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.81 | 330 | 427675 | 149.32 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.33 | 172 | 1652402 | 79.70 | ng | | -0.01 |
| 79) Terphenyl-d14 | 13.09 | 244 | 1677614 | 71.81 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.94 | 88 | 181987 | 31.087 | ng | | 91 |
| 3) Pyridine | 3.69 | 79 | 506068 | 38.775 | ng | | 87 |
| 4) n-Nitrosodimethylamine | 3.65 | 42 | 230655 | 43.323 | ng | # | 95 |
| 6) Aniline | 6.63 | 93 | 565893 | 32.810 | ng | # | 53 |
| 8) 2-Chlorophenol | 6.76 | 128 | 473196 | 40.986 | ng | | 98 |
| 9) Benzaldehyde | 6.52 | 77 | 265448 | 31.916 | ng | | 95 |
| 10) Phenol | 6.61 | 94 | 563870 | 40.806 | ng | # | 63 |
| 11) bis(2-Chloroethyl)ether | 6.70 | 93 | 443371 | 38.374 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 6.91 | 146 | 510788 | 40.347 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.99 | 146 | 516128 | 40.481 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.14 | 146 | 479527 | 40.843 | ng | | 99 |
| 15) Benzyl Alcohol | 7.11 | 79 | 415937 | 42.242 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45 | 742978 | 39.179 | ng | | 68 |
| 17) 2-Methylphenol | 7.21 | 107 | 391139 | 42.013 | ng | # | 82 |
| 18) Hexachloroethane | 7.48 | 117 | 191480 | 42.497 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 321692 | 39.146 | ng | | 93 |
| 20) 3+4-Methylphenols | 7.36 | 107 | 494927 | 41.893 | ng | | 93 |
| 22) Acetophenone | 7.37 | 105 | 644468 | 40.533 | ng | # | 95 |
| 24) Nitrobenzene | 7.55 | 77 | 484325 | 43.804 | ng | | 95 |
| 25) Isophorone | 7.79 | 82 | 893840 | 44.696 | ng | | 96 |
| 26) 2-Nitrophenol | 7.87 | 139 | 235550 | 51.382 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 7.90 | 122 | 443853 | 46.078 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93 | 567368 | 41.339 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.10 | 162 | 397731 | 42.563 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.19 | 180 | 425556 | 40.673 | ng | | 96 |
| 31) Naphthalene | 8.27 | 128 | 1366969 | 43.479 | ng | | 99 |
| 32) Benzoic acid | 8.02 | 122 | 264961 | 44.147 | ng | | 89 |
| 33) 4-Chloroaniline | 8.32 | 127 | 333724 | 23.613 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.39 | 225 | 235505 | 40.819 | ng | | 98 |
| 35) Caprolactam | 8.73 | 113 | 74521 | 22.455 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.80 | 107 | 427651 | 43.382 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.97 | 142 | 947567 | 46.544 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.07 | 142 | 886308 | 44.928 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 395343 | 38.800 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110041.D
Acq On : 22 Oct 2018 11:32
Operator : JU/SJ
Sample : PB114001BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Oct 23 02:06:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.12 | 237 | 506789 | 103.049 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.24 | 196 | 267364 | 41.964 | ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 9.28 | 196 | 283978 | 42.945 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.43 | 154 | 1129925 | 38.337 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.46 | 162 | 867458 | 39.956 | ng | | 99 |
| 48) 2-Nitroaniline | 9.55 | 65 | 270415 | 48.535 | ng | | 97 |
| 49) Acenaphthylene | 9.87 | 152 | 1354723 | 42.953 | ng | | 98 |
| 50) Dimethylphthalate | 9.73 | 163 | 989020 | 42.222 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.79 | 165 | 222317 | 49.969 | ng | | 97 |
| 52) Acenaphthene | 10.05 | 154 | 928950 | 46.263 | ng | | 98 |
| 53) 3-Nitroaniline | 9.96 | 138 | 181143 | 33.470 | ng | | 91 |
| 54) 2,4-Dinitrophenol | 10.07 | 184 | 178684 | 120.941 | ng | | 89 |
| 55) Dibenzofuran | 10.22 | 168 | 1191344 | 41.603 | ng | | 98 |
| 56) 4-Nitrophenol | 10.13 | 139 | 538210 | 130.332 | ng | | 88 |
| 57) 2,4-Dinitrotoluene | 10.20 | 165 | 301083 | 53.041 | ng | | 91 |
| 58) Fluorene | 10.56 | 166 | 936771 | 44.938 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.33 | 232 | 240606 | 45.911 | ng | | 94 |
| 60) Diethylphthalate | 10.43 | 149 | 967515 | 41.819 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.55 | 204 | 443462 | 40.839 | ng | | 98 |
| 62) 4-Nitroaniline | 10.59 | 138 | 256517 | 50.071 | ng | | 92 |
| 63) Azobenzene | 10.72 | 77 | 975436 | 40.358 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylphenol | 10.61 | 198 | 115446 | 49.313 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 10.67 | 169 | 836672 | 39.078 | ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 11.05 | 248 | 274441 | 39.393 | ng | | 96 |
| 68) Hexachlorobenzene | 11.11 | 284 | 281681 | 37.916 | ng | # | 93 |
| 69) Atrazine | 11.20 | 200 | 279714 | 41.824 | ng | | 98 |
| 70) Pentachlorophenol | 11.30 | 266 | 301424 | 71.294 | ng | | 98 |
| 71) Phenanthrene | 11.53 | 178 | 1415241 | 42.525 | ng | | 100 |
| 72) Anthracene | 11.58 | 178 | 1447240 | 43.255 | ng | | 99 |
| 73) Carbazole | 11.73 | 167 | 1288647 | 39.189 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.05 | 149 | 1499711 | 40.866 | ng | | 100 |
| 75) Fluoranthene | 12.72 | 202 | 1456634 | 43.813 | ng | | 100 |
| 77) Benzidine | 12.84 | 184 | 919735 | 48.895 | ng | | 97 |
| 78) Pyrene | 12.95 | 202 | 1482423 | 41.140 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.56 | 149 | 645778 | 44.329 | ng | | 100 |
| 81) Benzo(a)anthracene | 14.14 | 228 | 1257636 | 43.520 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.10 | 252 | 224603 | 22.170 | ng | | 100 |
| 83) Chrysene | 14.18 | 228 | 1155030 | 41.991 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 14.11 | 149 | 860965 | 44.915 | ng | | 96 |
| 85) Di-n-octyl phthalate | 14.73 | 149 | 1296520 | 47.975 | ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 17.23 | 276 | 869749 | 39.272 | ng | # | 95 |
| 88) Benzo(b)fluoranthene | 15.22 | 252 | 1002644 | 47.603 | ng | | 98 |
| 89) Benzo(k)fluoranthene | 15.25 | 252 | 909626 | 43.815 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.60 | 252 | 879153 | 45.383 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.24 | 278 | 722182 | 42.066 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.71 | 276 | 714205 | 41.175 | ng | | 95 |

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

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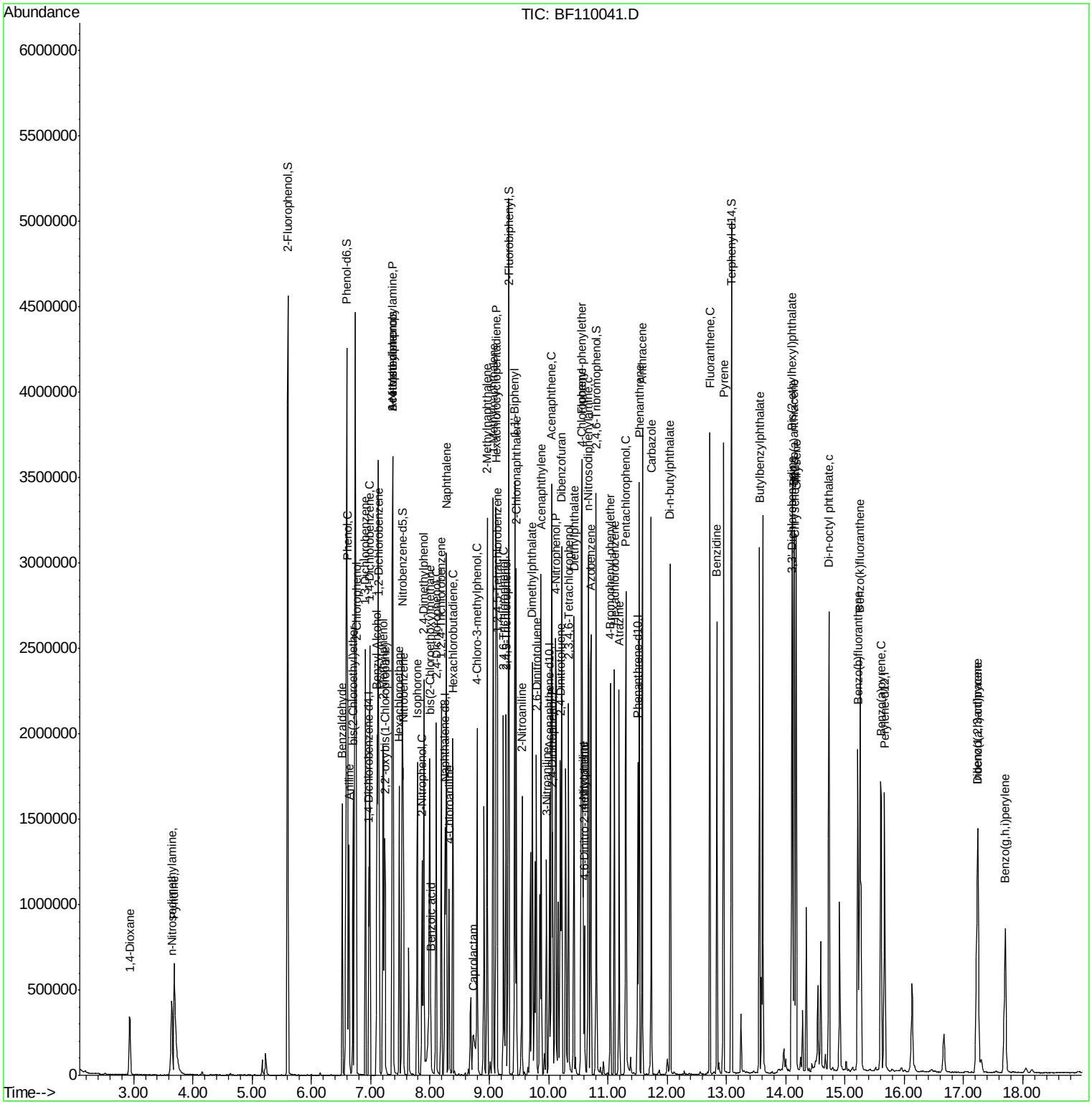
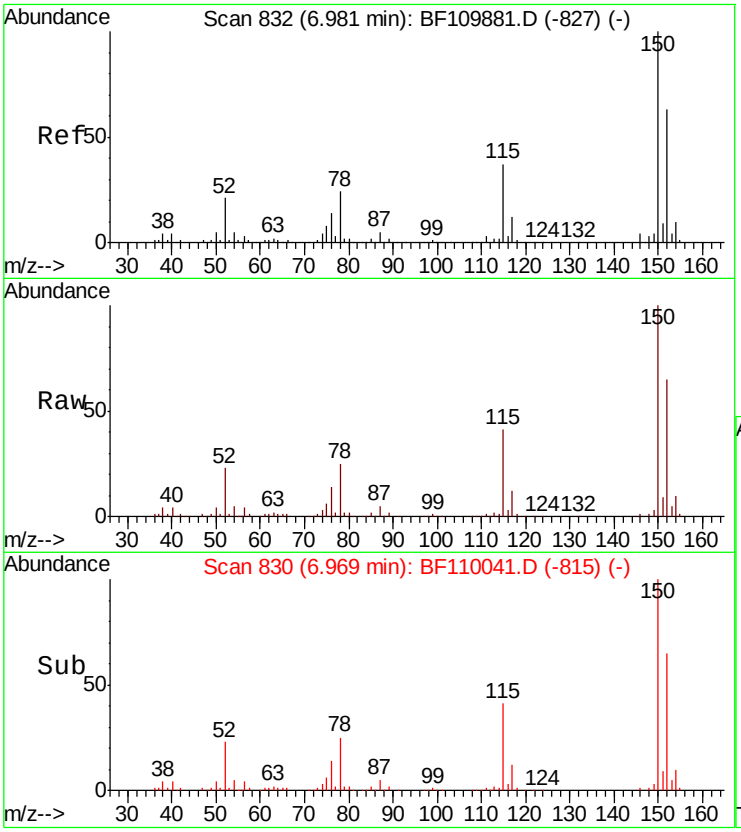
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110041.D
Acq On : 22 Oct 2018 11:32
Operator : JU/SJ
Sample : PB114001BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Oct 23 02:06:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



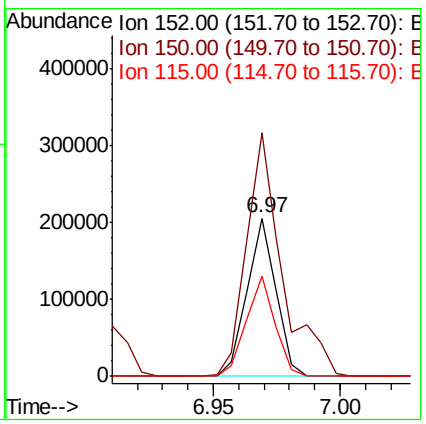


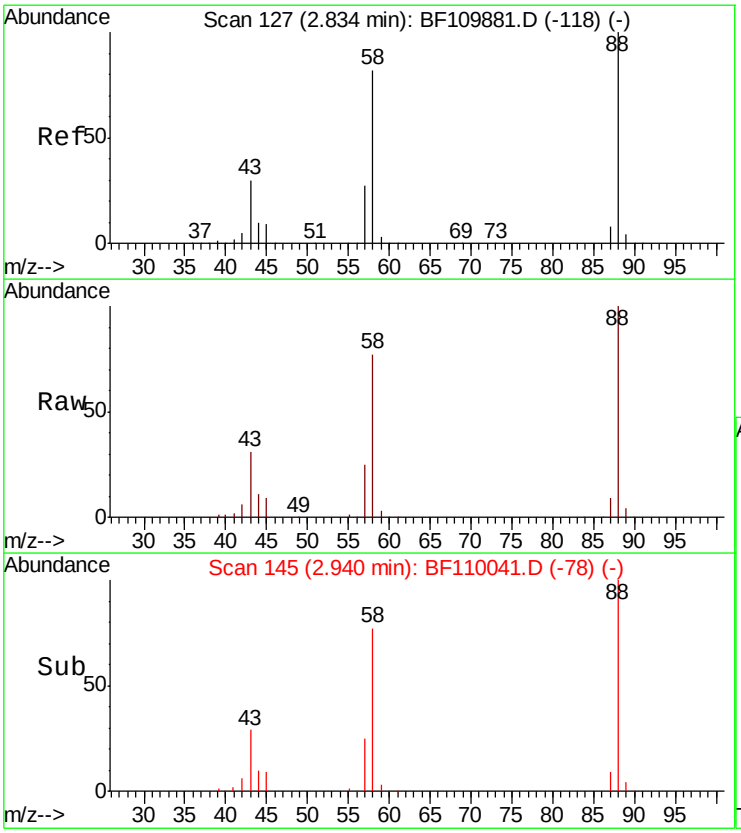

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:152 Resp: 163380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.7 | 122.7 | 184.1 |
| 115 | 63.1 | 49.1 | 73.7 |

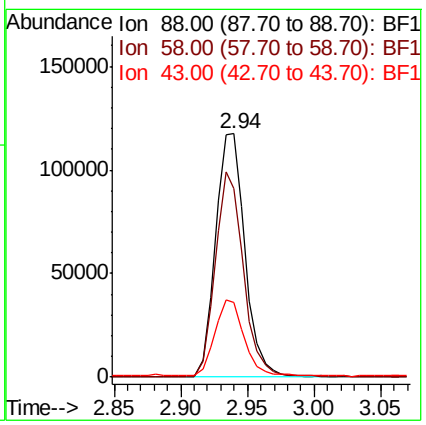


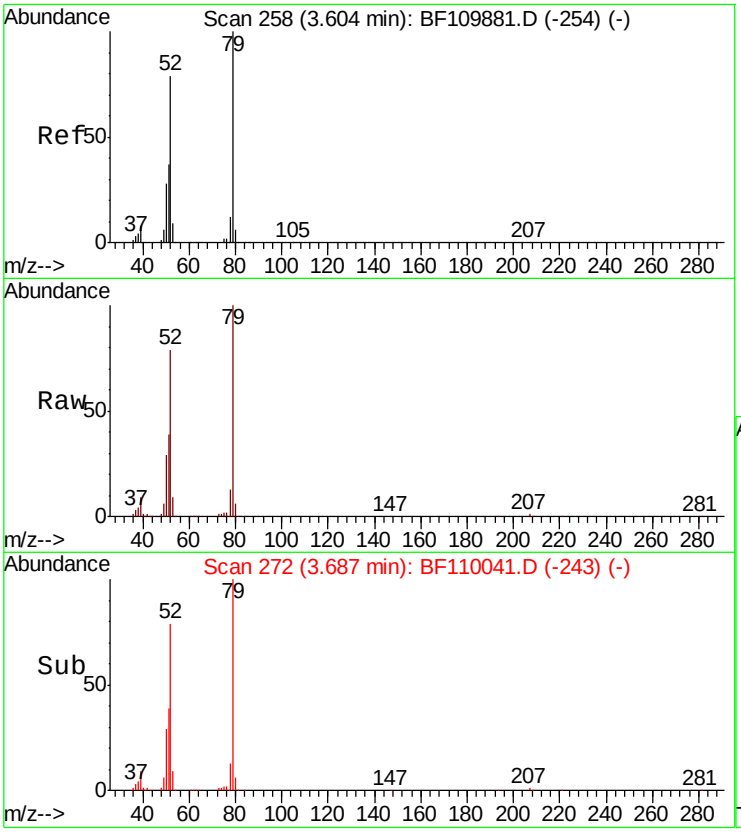




#2
1,4-Dioxane
Concen: 31.087 ng
RT: 2.94 min Scan# 145
Delta R.T. 0.09 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 88 Resp: 181987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.7 | 57.1 | 85.7 |
| 43 | 31.9 | 24.1 | 36.1 |



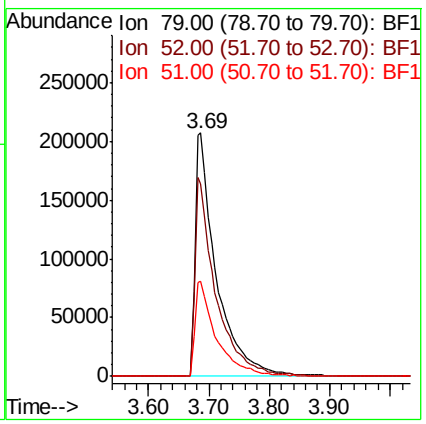


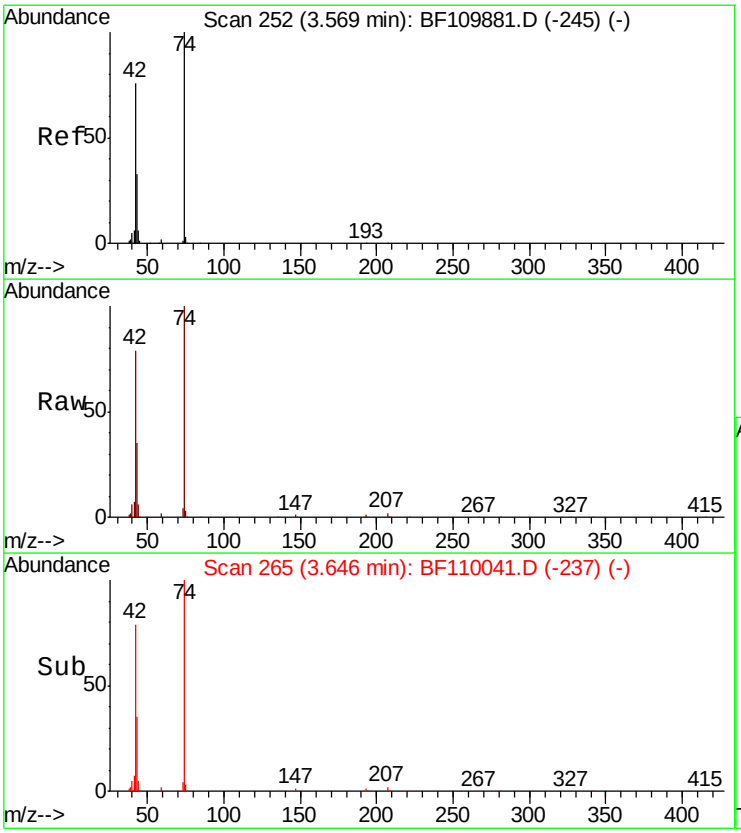

#3
Pyridine
Concen: 38.775 ng
RT: 3.69 min Scan# 272
Delta R.T. 0.07 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion: 79 Resp: 506068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 79.2 | 53.1 | 79.7 |
| 51 | 39.1 | 27.4 | 41.2 |

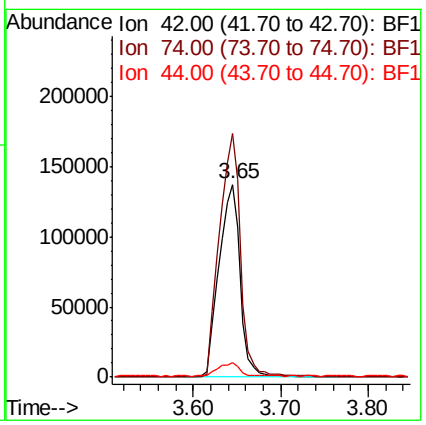


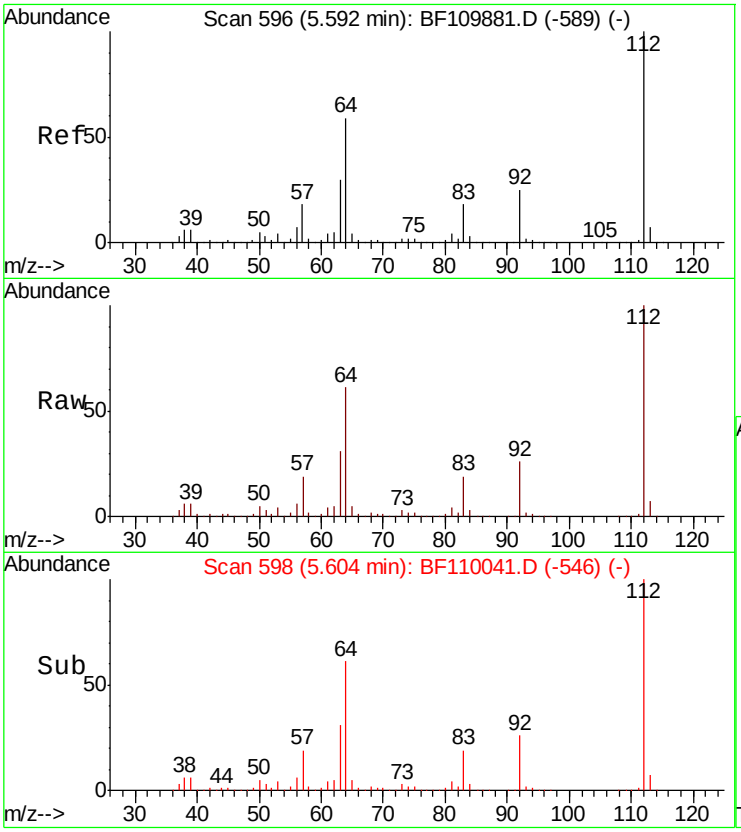




#4
n-Nitrosodimethylamine
Concen: 43.323 ng
RT: 3.65 min Scan# 265
Delta R.T. 0.06 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 42 Resp: 230655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 126.1 | 105.5 | 158.3 |
| 44 | 7.4 | 4.9 | 7.3# |



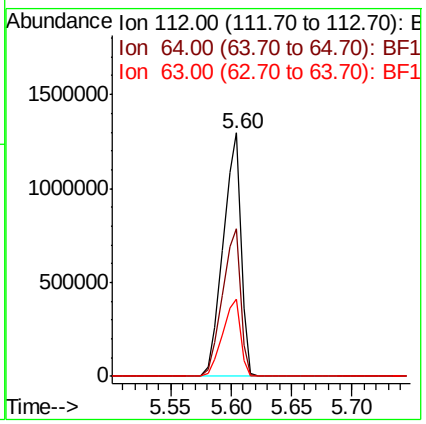


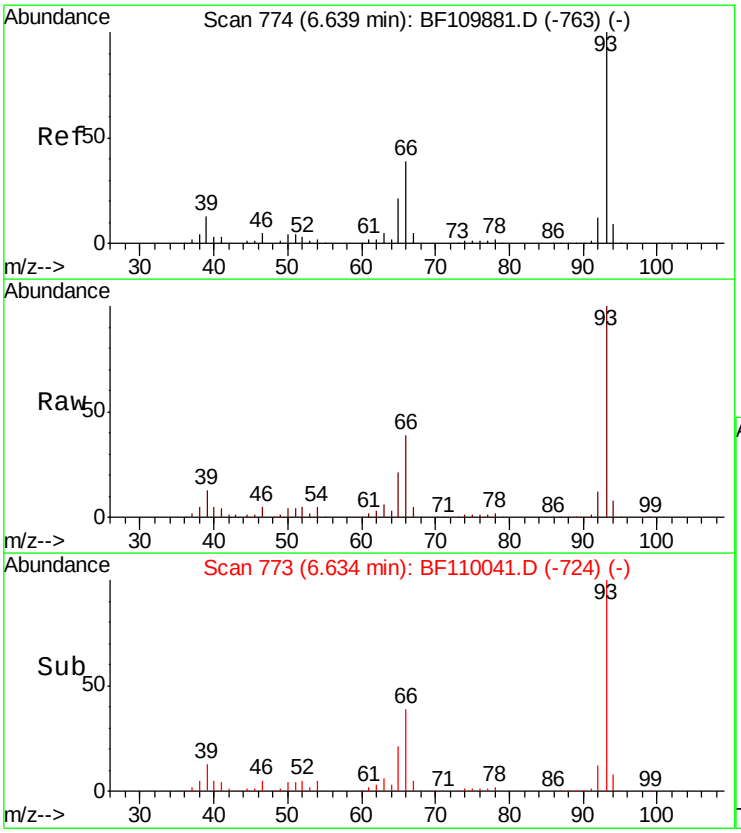

#5
2-Fluorophenol
Concen: 129.050 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:112 Resp: 1330120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.6 | 44.1 | 66.1 |
| 63 | 31.5 | 23.7 | 35.5 |

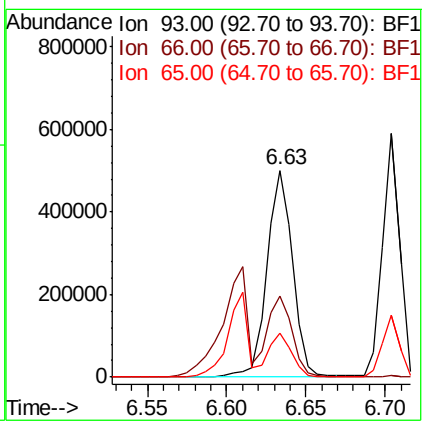


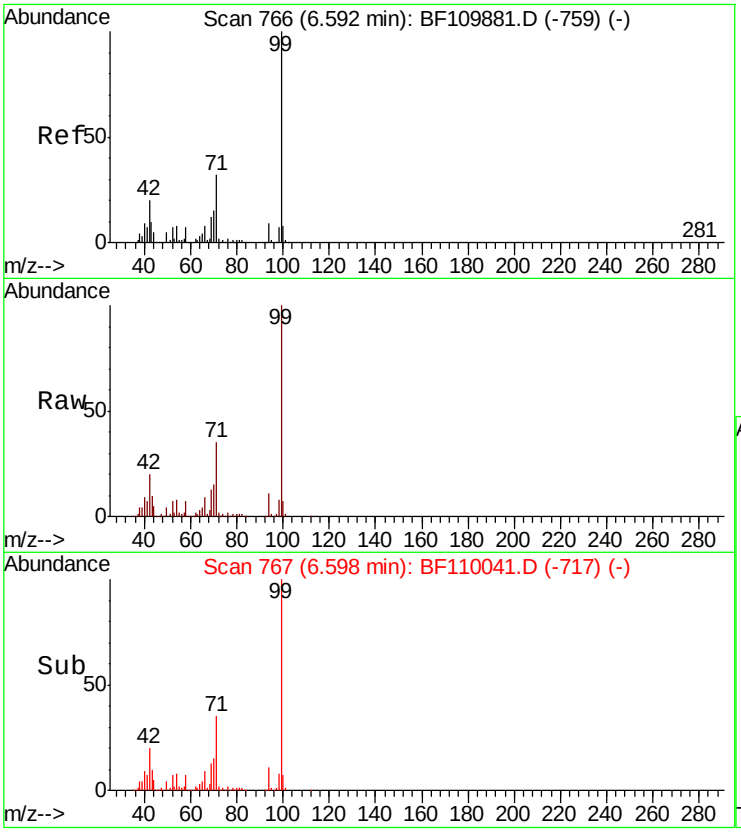




#6
Aniline
Concen: 32.810 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 93 Resp: 565893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 39.3 | 67.4 | 101.0# |
| 65 | 21.3 | 41.0 | 61.4# |



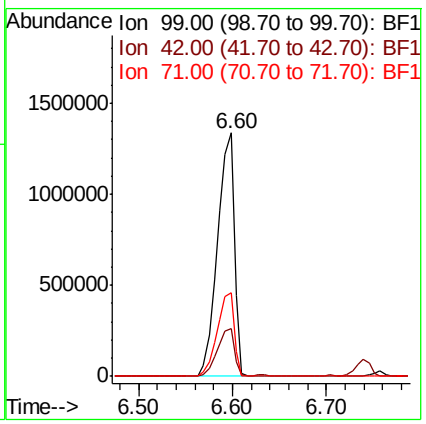


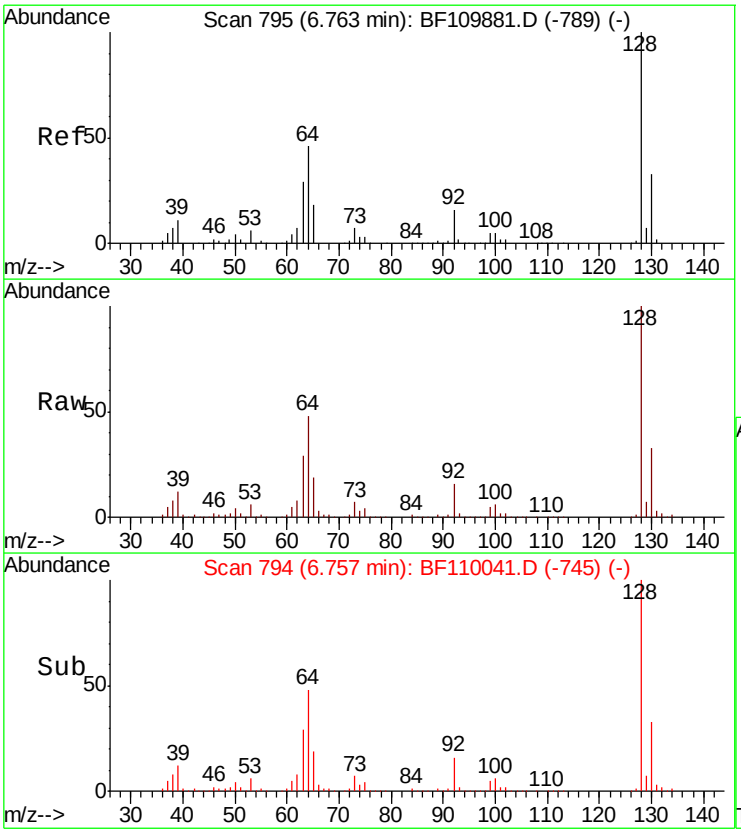

#7
Phenol-d6
Concen: 131.703 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion: 99 Resp: 1685607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.6 | 15.8 | 23.6 |
| 71 | 34.5 | 28.0 | 42.0 |

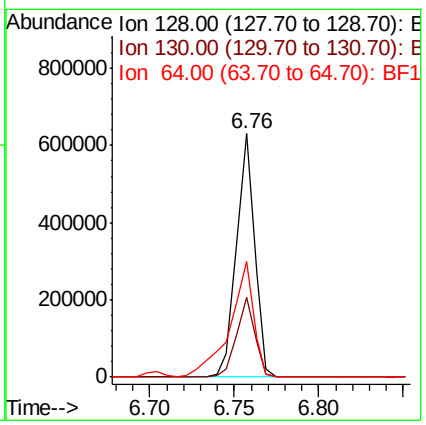


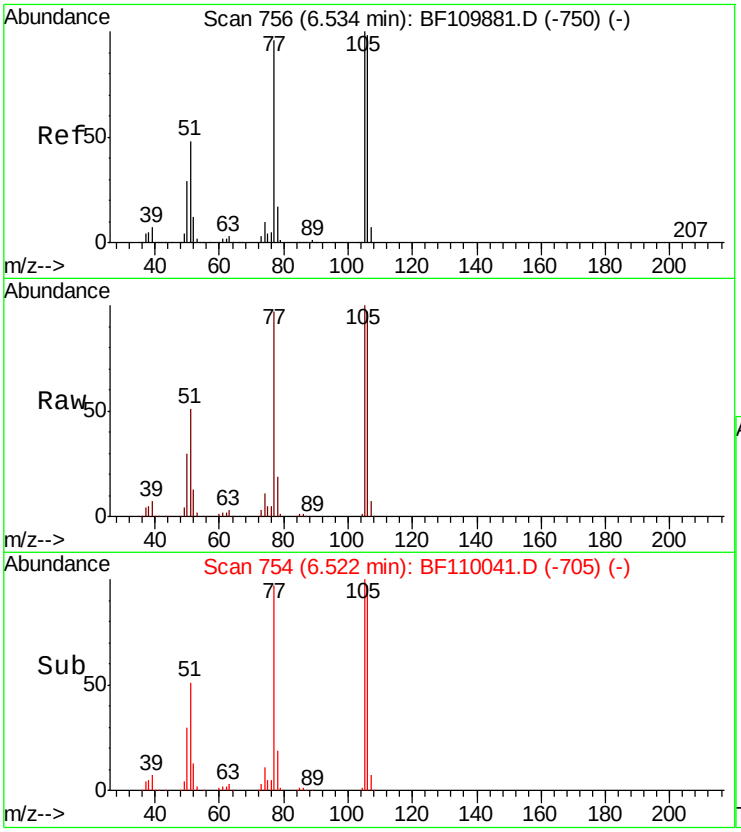




#8
2-Chlorophenol
Concen: 40.986 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:128 Resp: 473196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 13.1 | 53.1 |
| 64 | 47.7 | 26.0 | 66.0 |



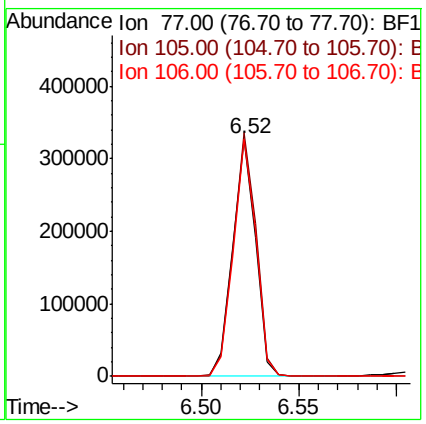


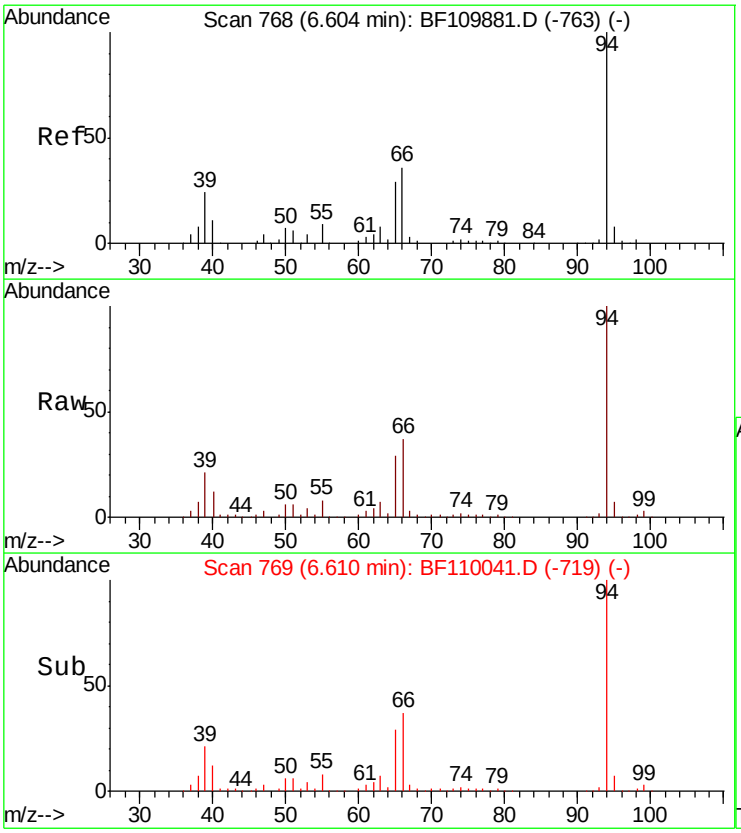

#9
Benzaldehyde
Concen: 31.916 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion: 77 Resp: 265448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.6 | 78.6 | 118.6 |
| 106 | 100.0 | 74.8 | 114.8 |

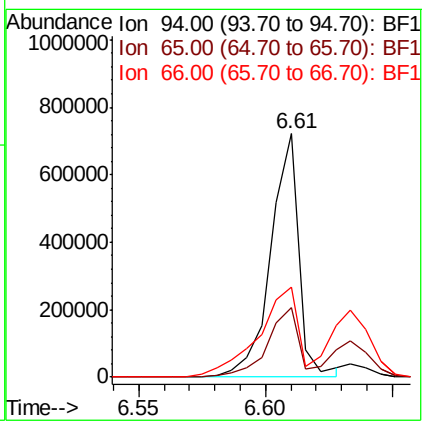


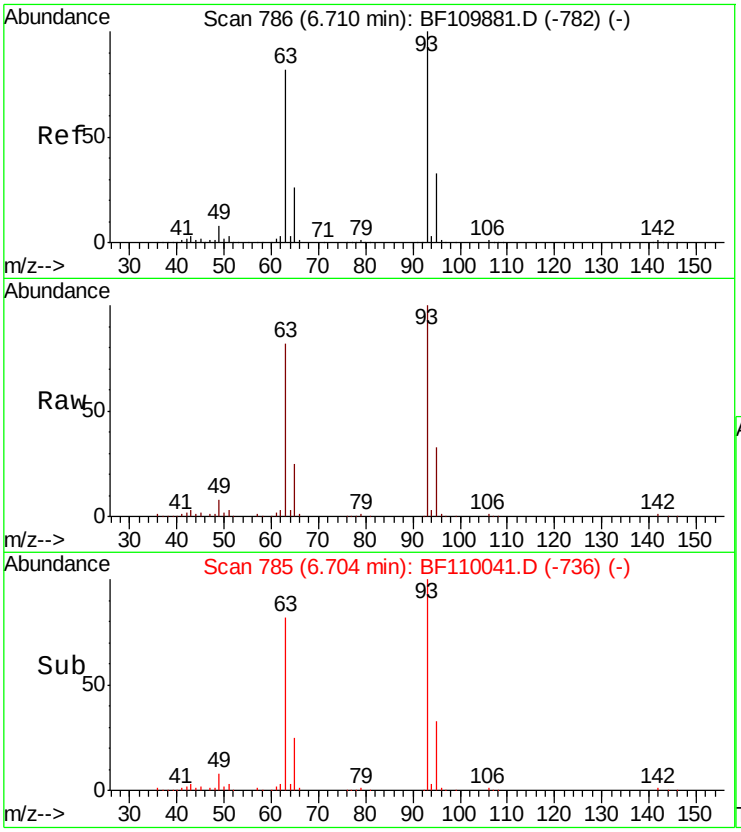




#10
Phenol
Concen: 40.806 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 94 Resp: 563870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.7 | 25.3 | 65.3 |
| 66 | 36.9 | 54.5 | 94.5# |



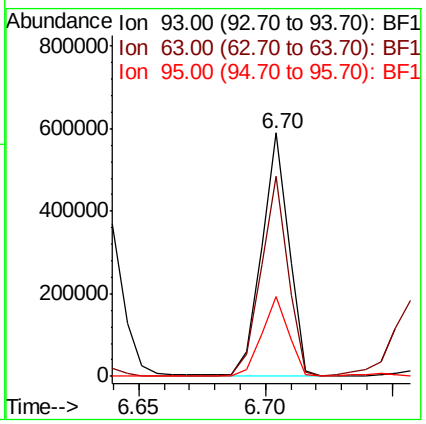


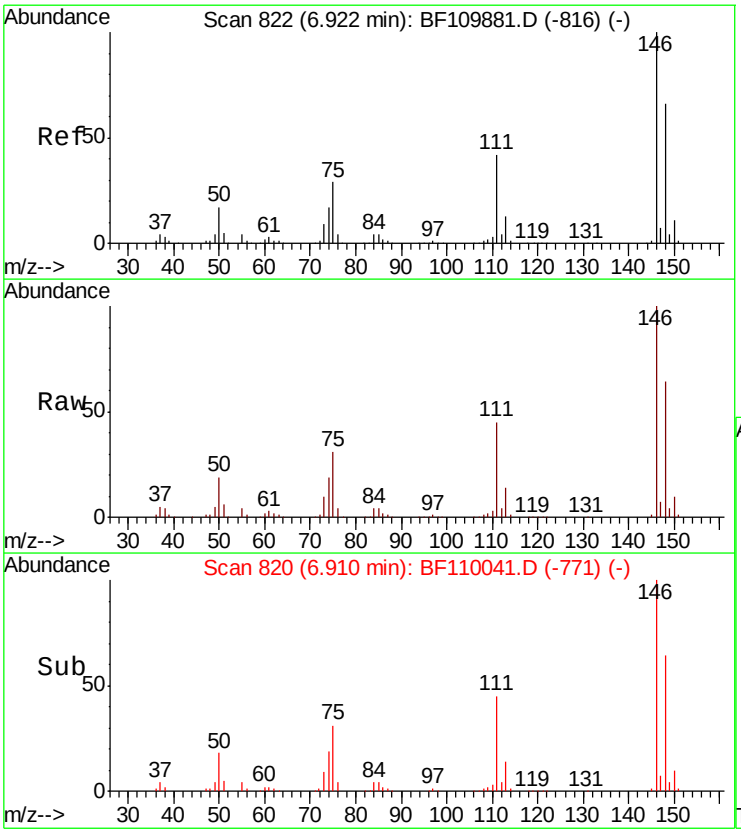

#11
bis(2-Chloroethyl)ether
Concen: 38.374 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion: 93 Resp: 443371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 82.0 | 53.4 | 93.4 |
| 95 | 33.0 | 12.1 | 52.1 |

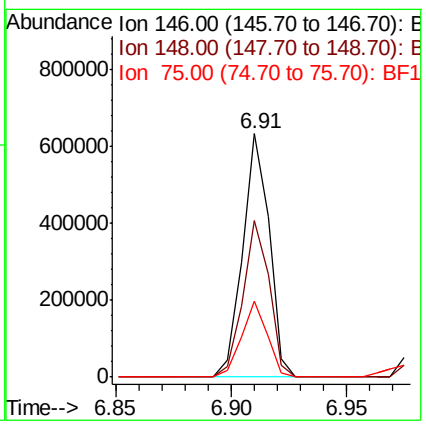


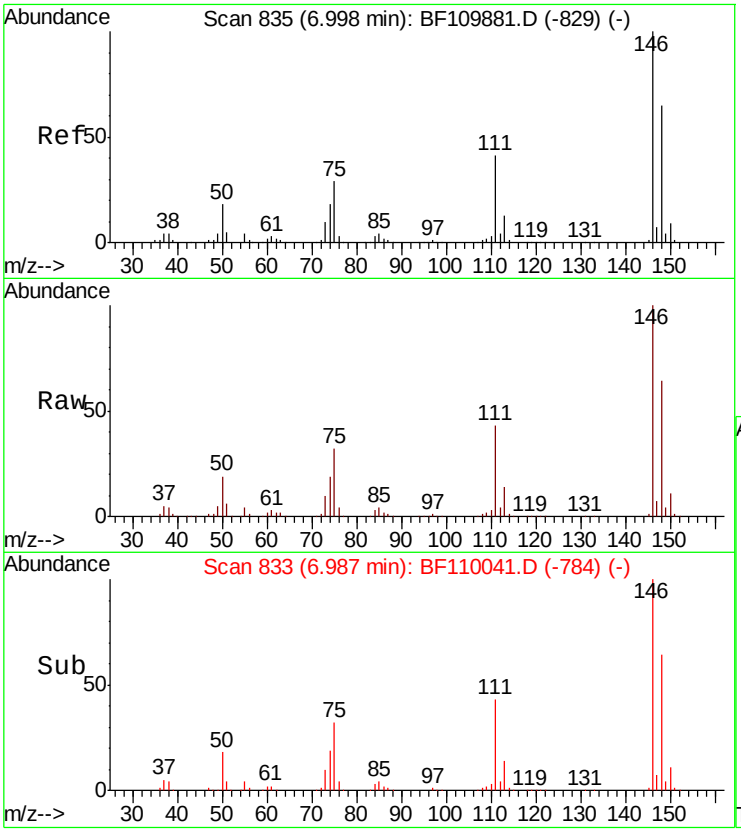




#12
1,3-Dichlorobenzene
Concen: 40.347 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:146 Resp: 510788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 50.4 | 75.6 |
| 75 | 31.3 | 25.8 | 38.6 |



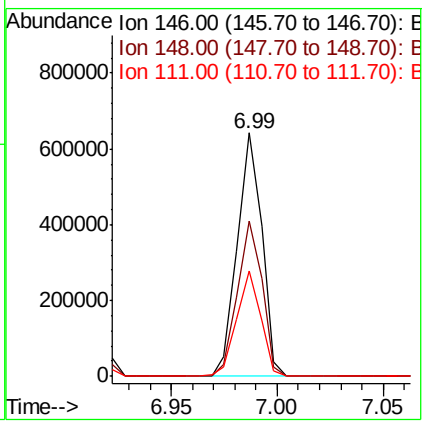


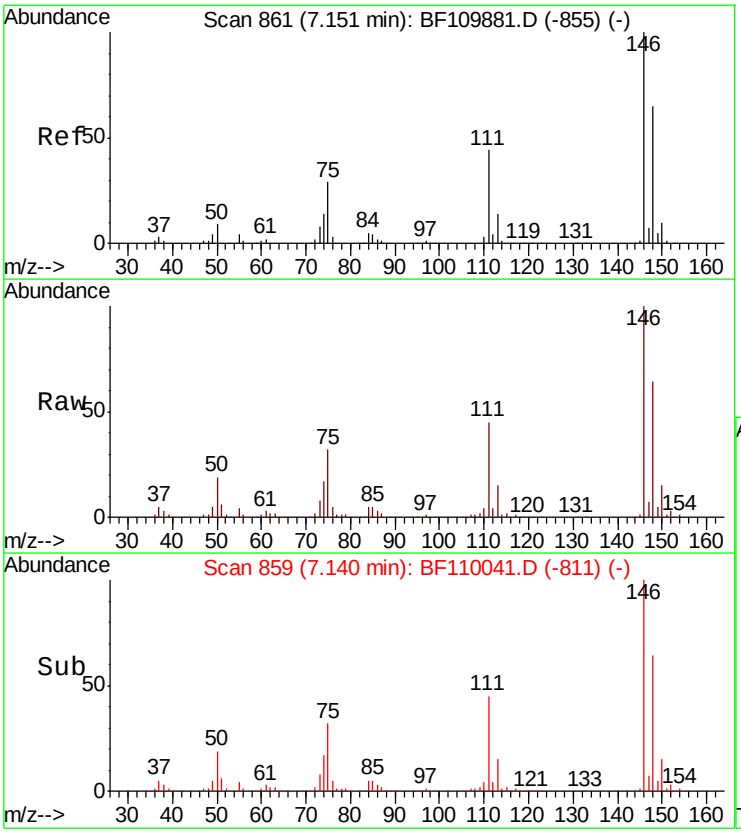

#13
1,4-Dichlorobenzene
Concen: 40.481 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:146 Resp: 516128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 50.3 | 75.5 |
| 111 | 43.5 | 32.7 | 49.1 |

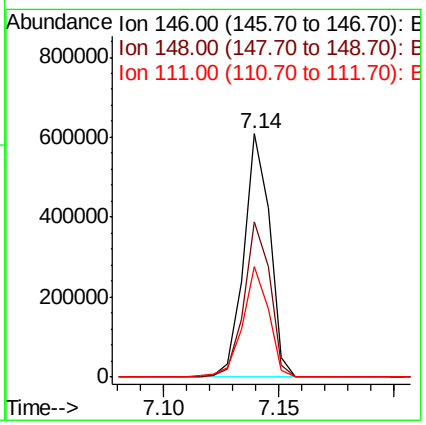


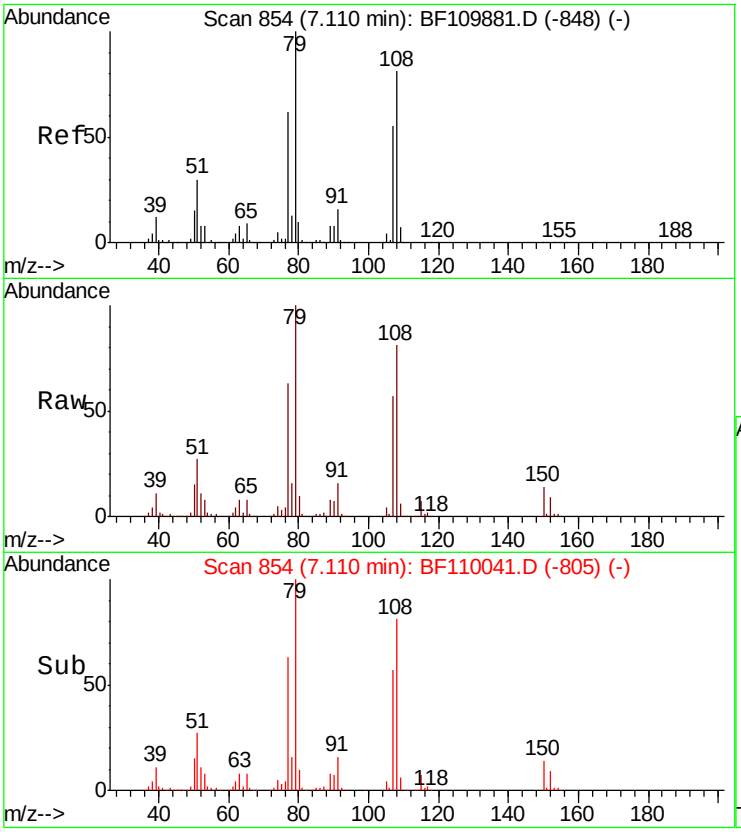




#14
1,2-Dichlorobenzene
Concen: 40.843 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:146 Resp: 479527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.6 | 51.1 | 76.7 |
| 111 | 45.4 | 35.8 | 53.6 |



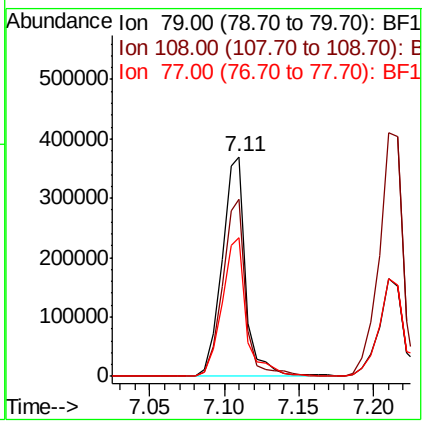


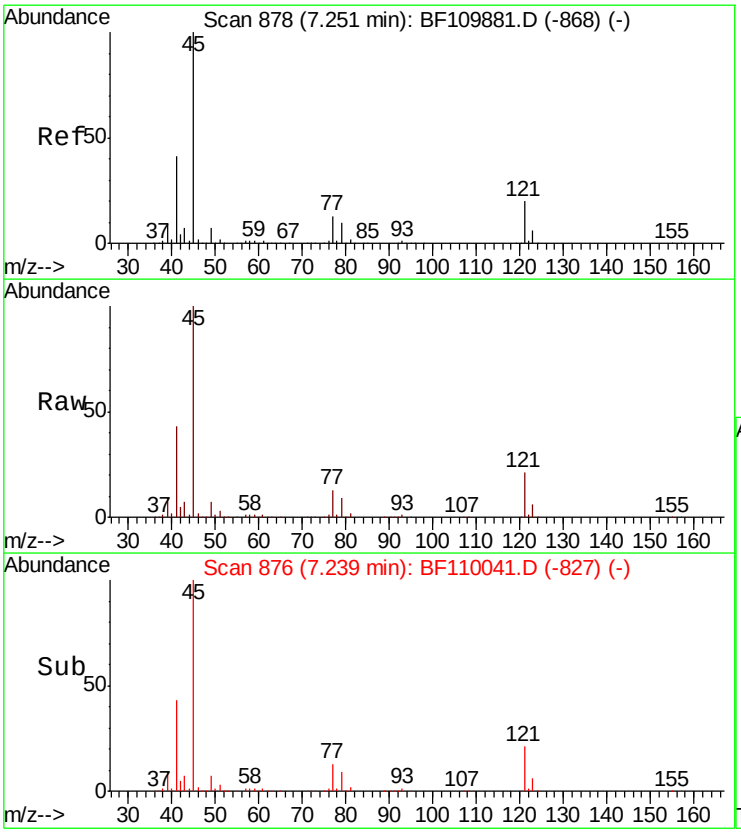

#15
Benzyl Alcohol
Concen: 42.242 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion: 79 Resp: 415937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 80.5 | 56.3 | 84.5 |
| 77 | 63.2 | 52.9 | 79.3 |

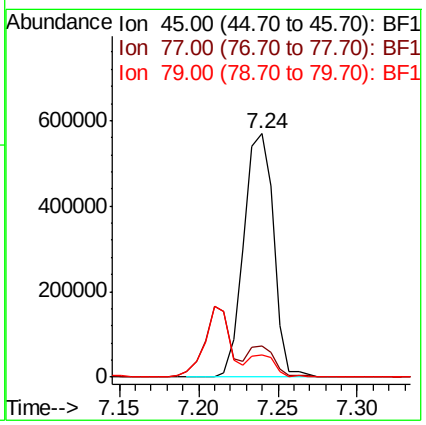


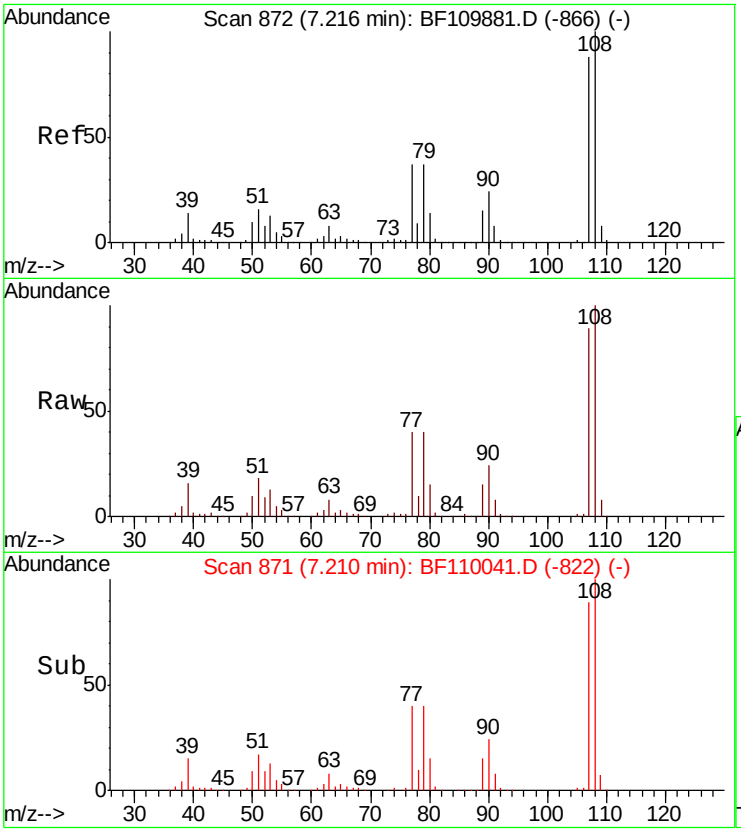




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.179 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 45 Resp: 742978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.8 | 10.0 | 50.0 |
| 79 | 9.4 | 6.1 | 46.1 |



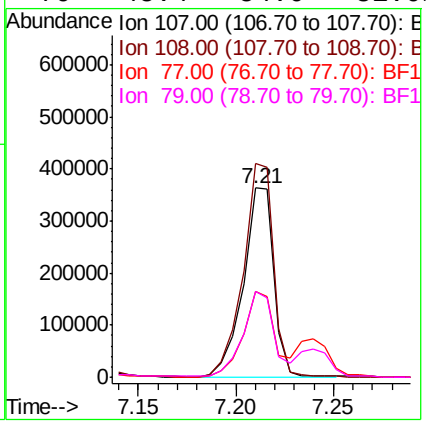


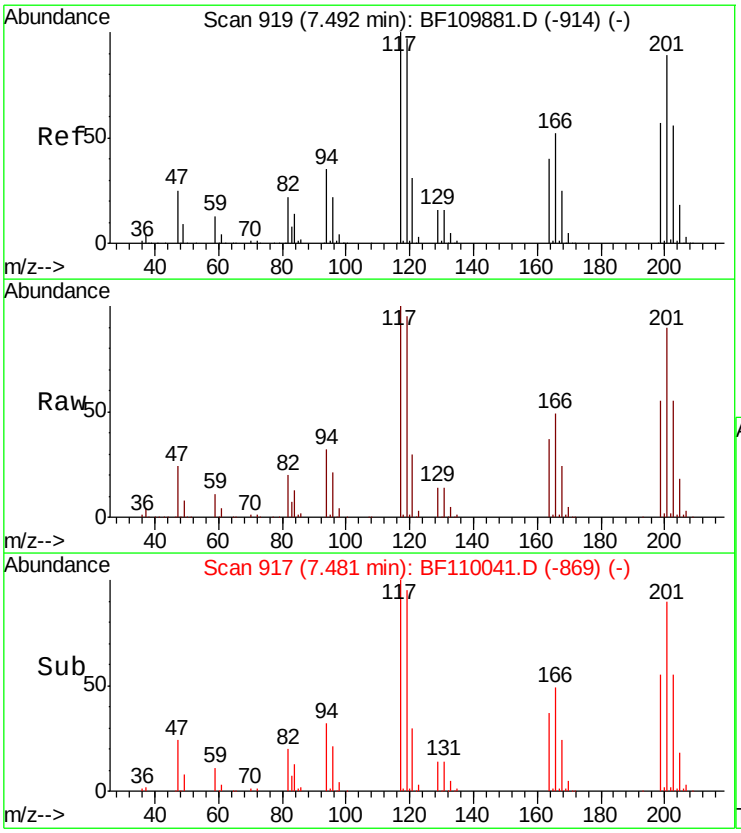

#17
2-Methylphenol
Concen: 42.013 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:107 Resp: 391139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.0 | 92.6 | 138.8 |
| 77 | 45.6 | 59.4 | 89.2# |
| 79 | 45.4 | 54.0 | 81.0# |

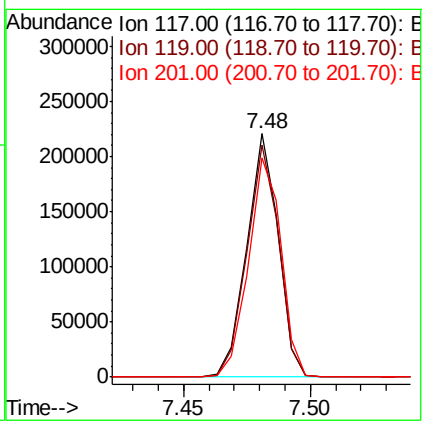


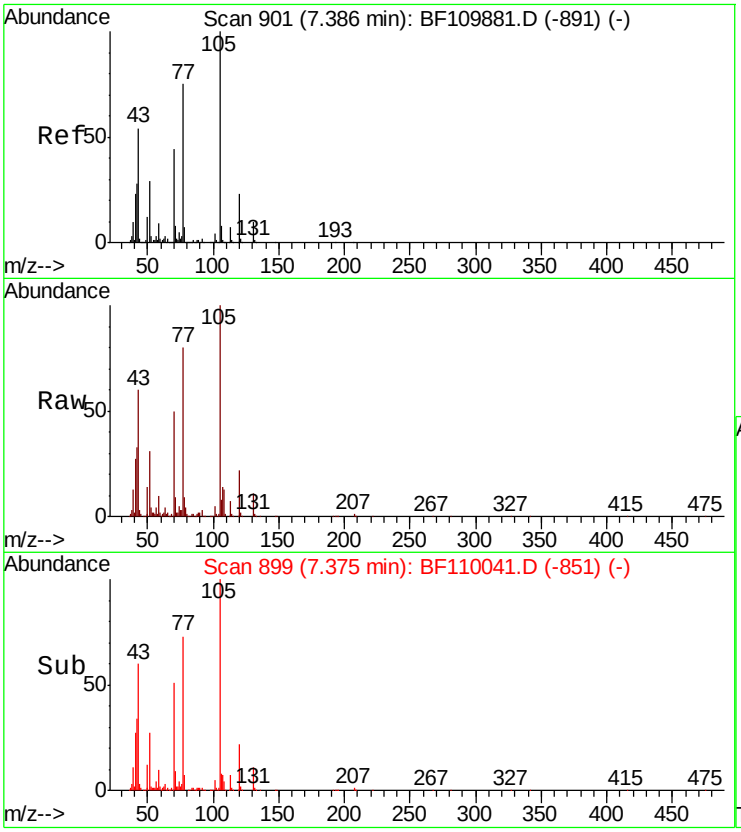




#18
Hexachloroethane
Concen: 42.497 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:117 Resp: 191480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.4 | 75.0 | 112.6 |
| 201 | 90.1 | 79.2 | 118.8 |



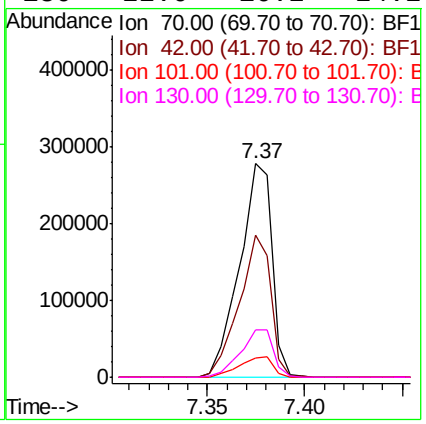


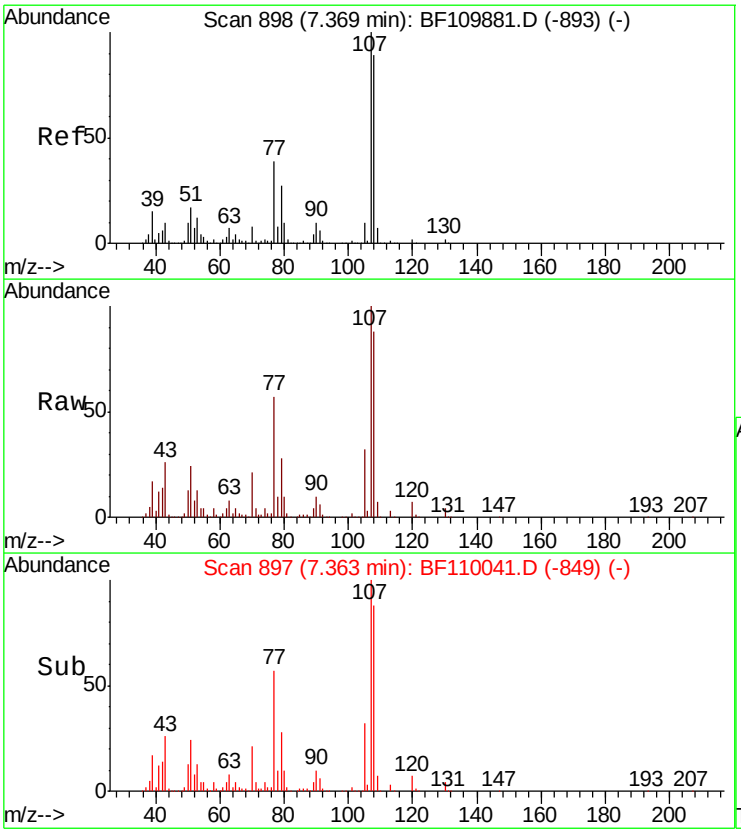

#19
n-Nitroso-di-n-propylamine
Concen: 39.146 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion: 70 Resp: 321692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 66.5 | 47.4 | 71.2 |
| 101 | 9.2 | 7.3 | 10.9 |
| 130 | 22.0 | 16.2 | 24.2 |

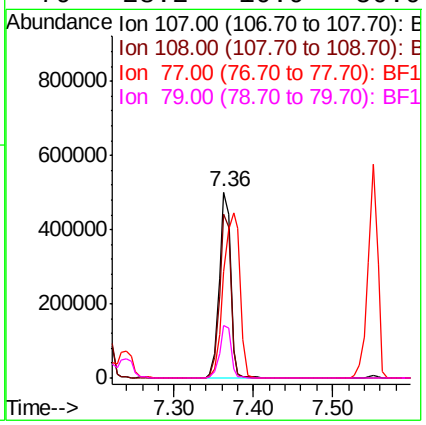


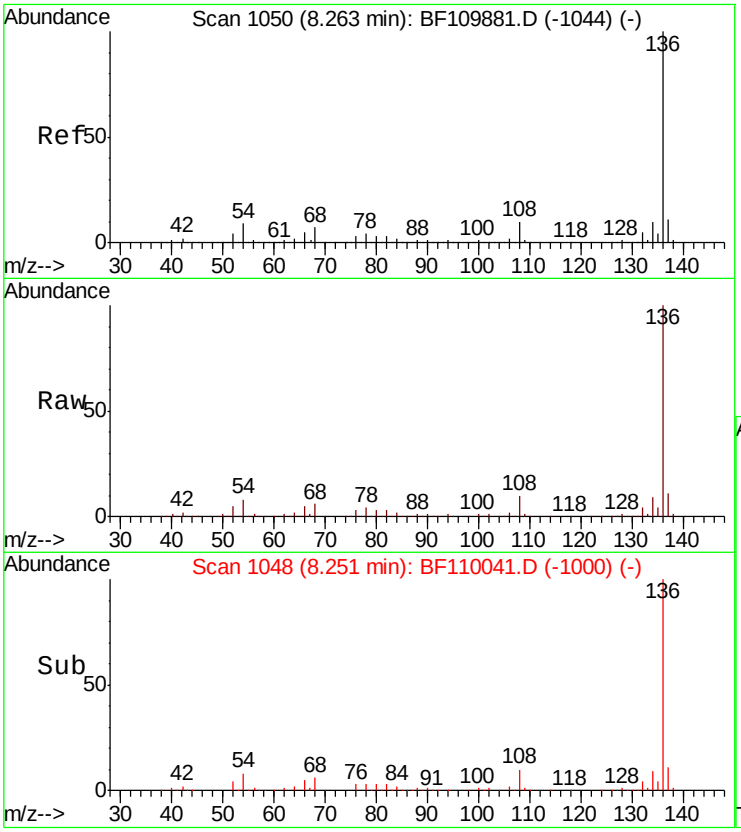




#20
3+4-Methylphenols
Concen: 41.893 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:107 Resp: 494927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.0 | 71.4 | 111.4 |
| 77 | 57.2 | 47.3 | 87.3 |
| 79 | 28.2 | 10.9 | 50.9 |



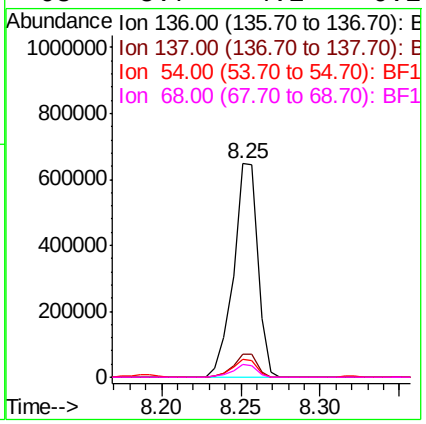


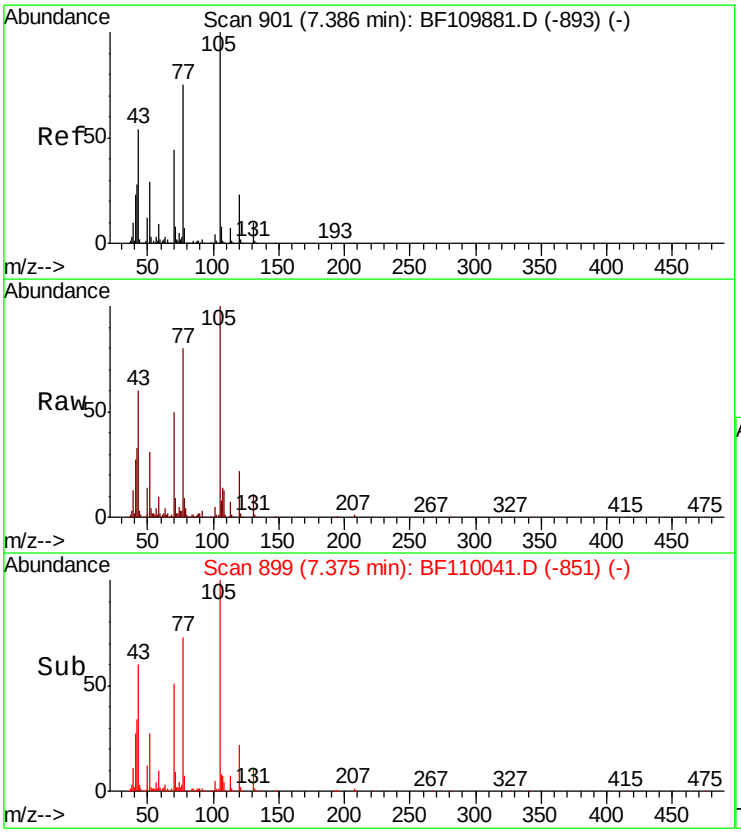

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:136 Resp: 685617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 8.5 | 5.4 | 8.2# |
| 68 | 5.7 | 4.2 | 6.2 |

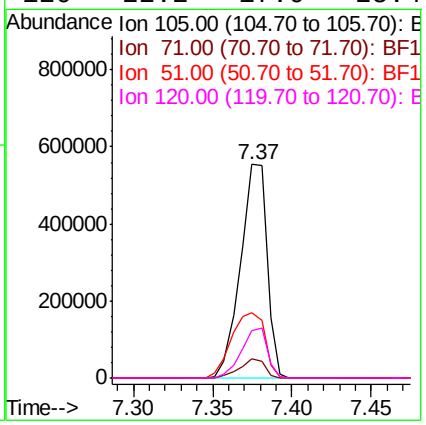


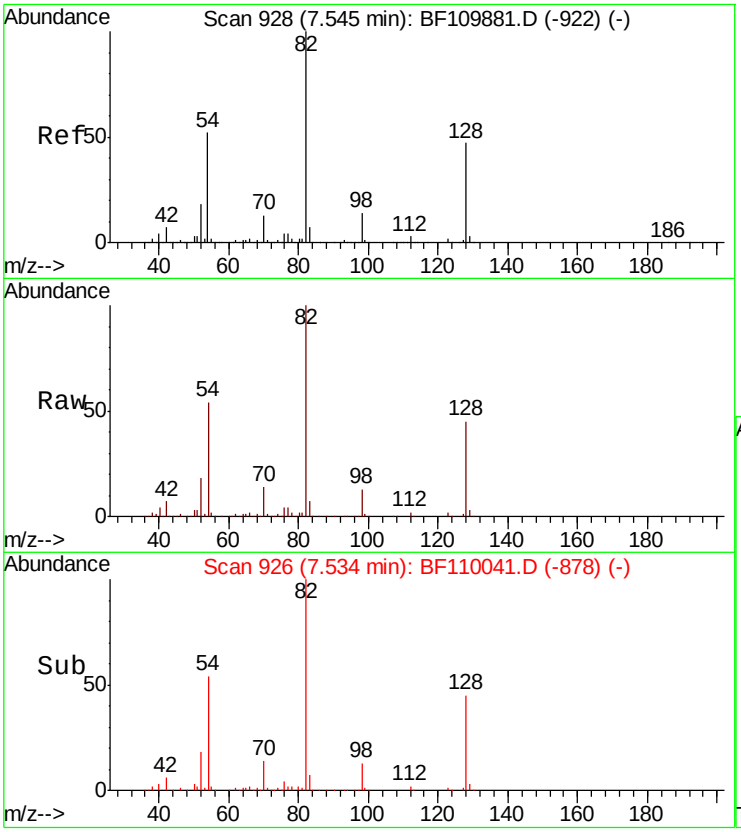




#22
Acetophenone
Concen: 40.533 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:105 Resp: 644468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.8 | 5.2 | 7.8# |
| 51 | 30.8 | 21.8 | 32.8 |
| 120 | 22.2 | 17.0 | 25.4 |



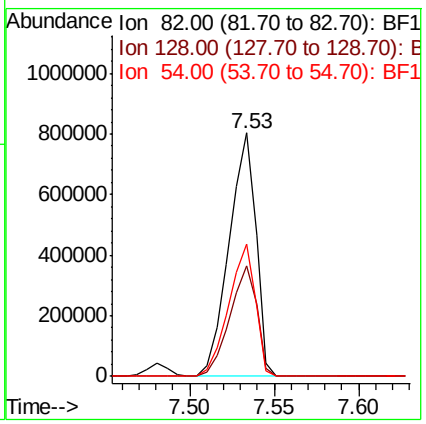


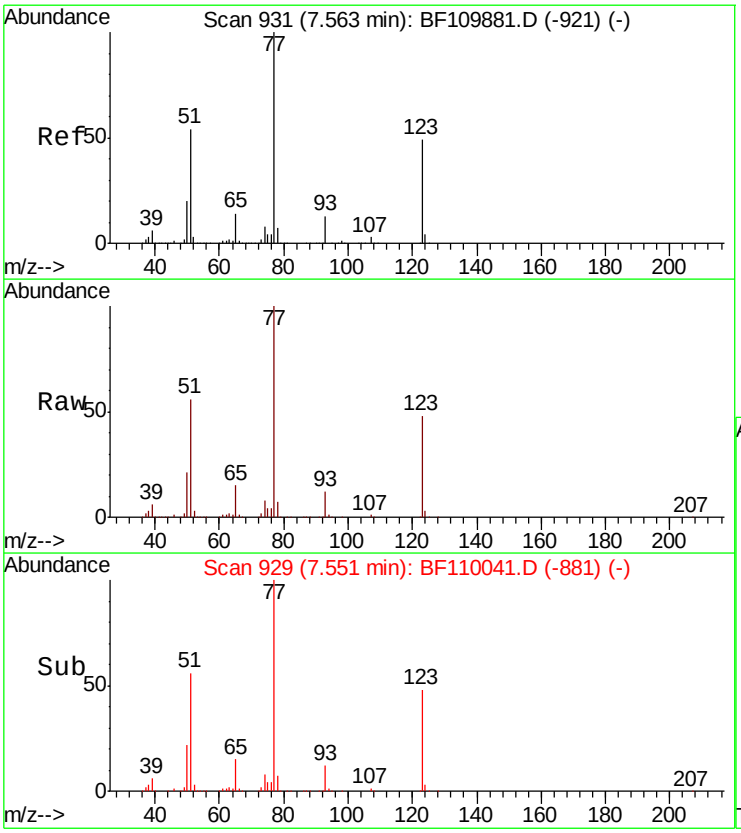

#23
Nitrobenzene-d5
Concen: 87.095 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion: 82 Resp: 886440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.5 | 34.2 | 51.2 |
| 54 | 54.1 | 38.6 | 58.0 |

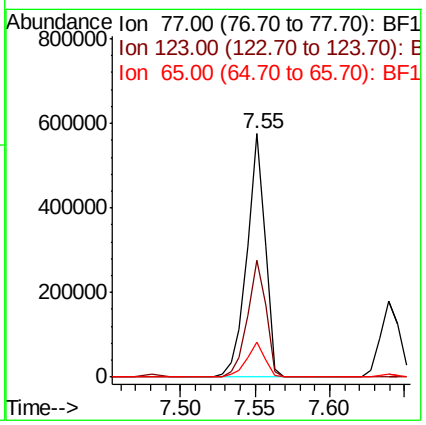


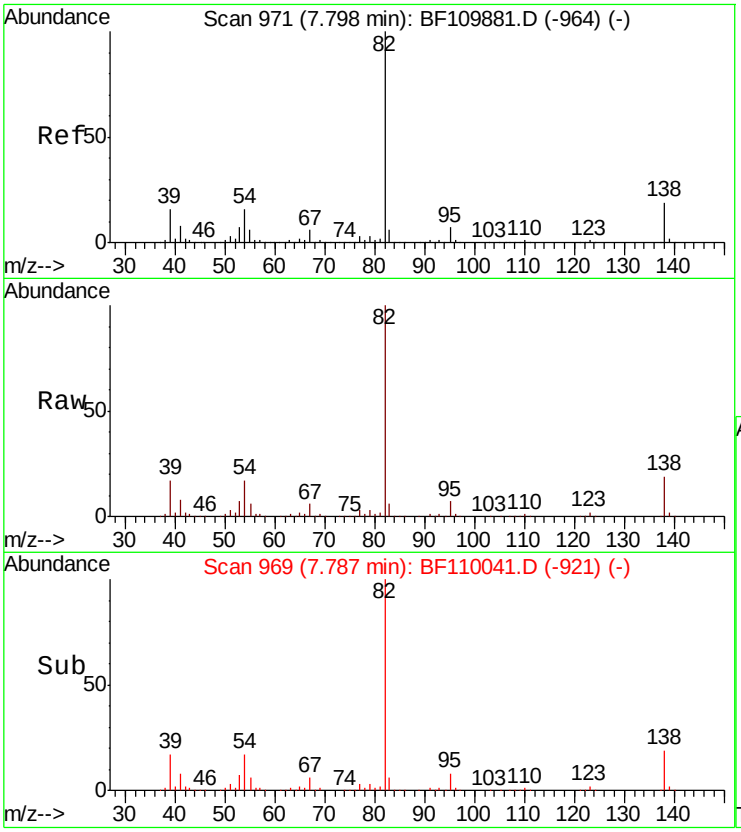




#24
Nitrobenzene
Concen: 43.804 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 77 Resp: 484325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.2 | 35.7 | 53.5 |
| 65 | 14.6 | 10.7 | 16.1 |

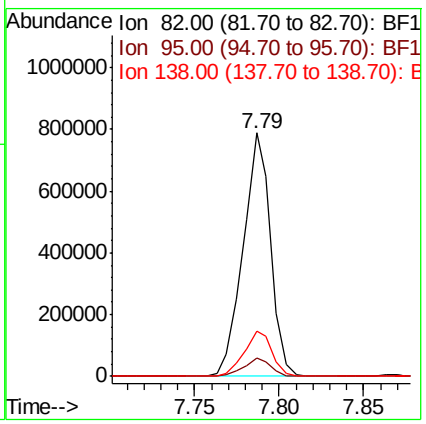




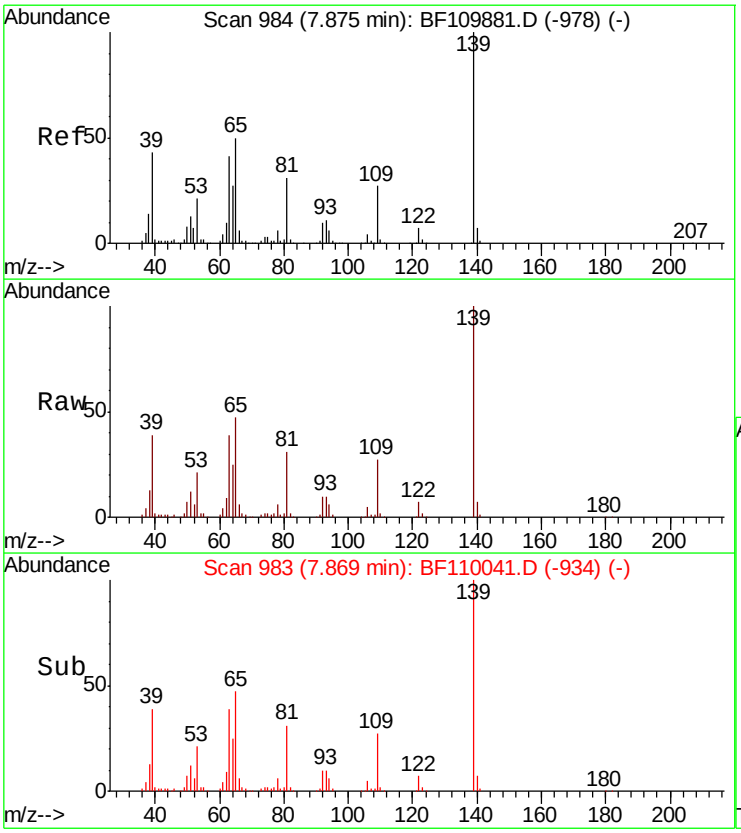

#25
Isophorone
Concen: 44.696 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 82 Resp: 893840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.5 | 5.7 | 8.5 |
| 138 | 18.6 | 13.2 | 19.8 |



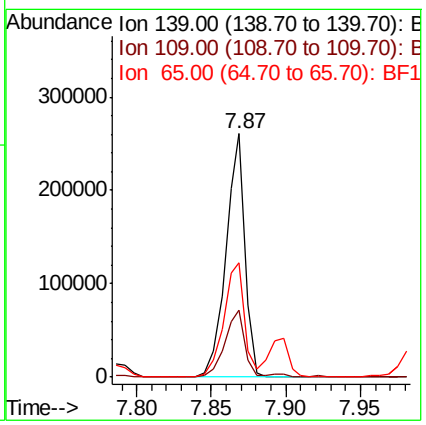

**Instrument :**
BNA_F
**ClientSampleId :**

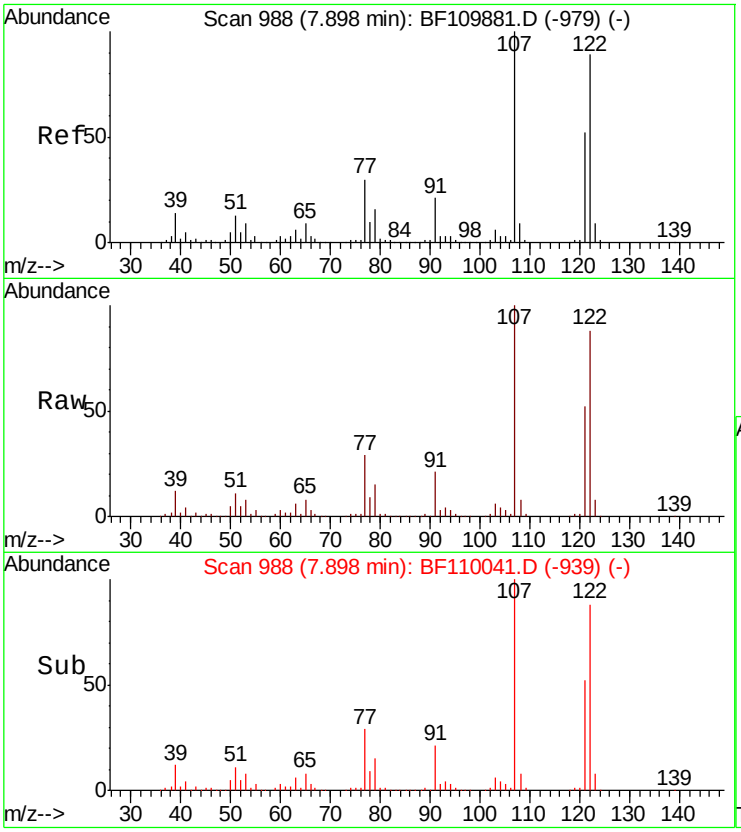



#26
2-Nitrophenol
Concen: 51.382 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:139 Resp: 235550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.5 | 25.0 | 37.6 |
| 65 | 46.9 | 44.0 | 66.0 |



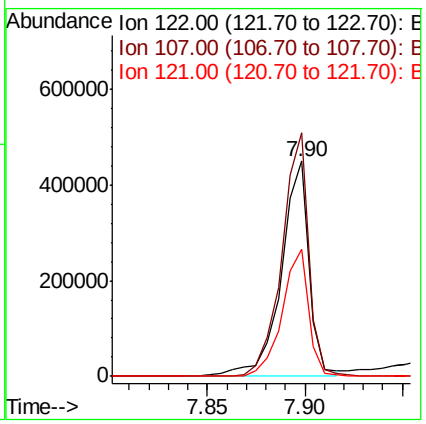


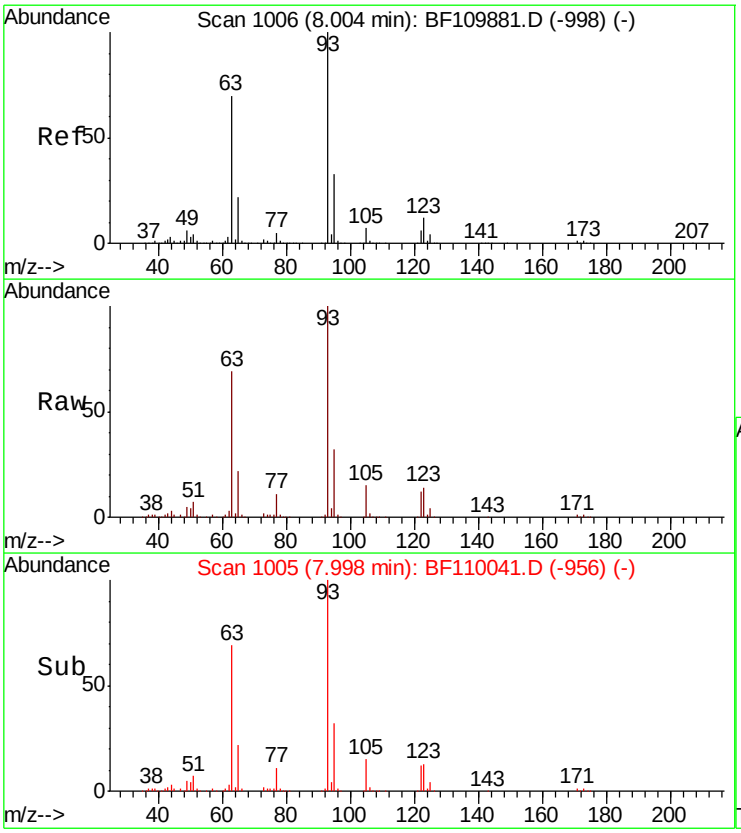

#27
2,4-Dimethylphenol
Concen: 46.078 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:122 Resp: 443853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.1 | 92.5 | 138.7 |
| 121 | 58.8 | 45.8 | 68.8 |

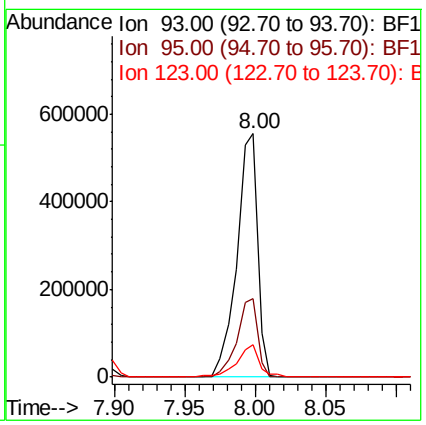


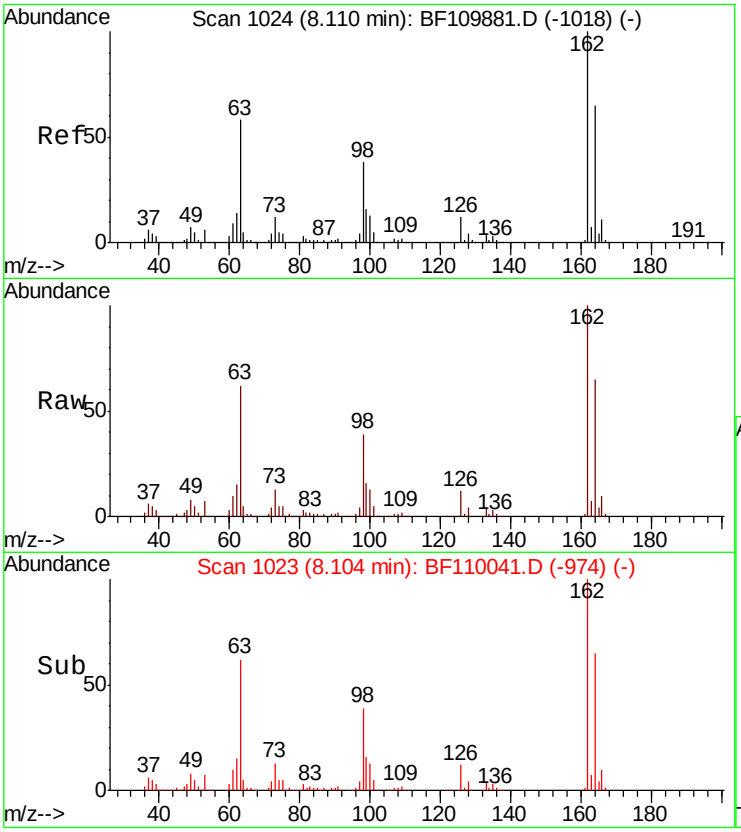




#28
bis(2-Chloroethoxy)methane
Concen: 41.339 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 93 Resp: 567368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.4 | 26.4 | 39.6 |
| 123 | 13.5 | 9.0 | 13.6 |



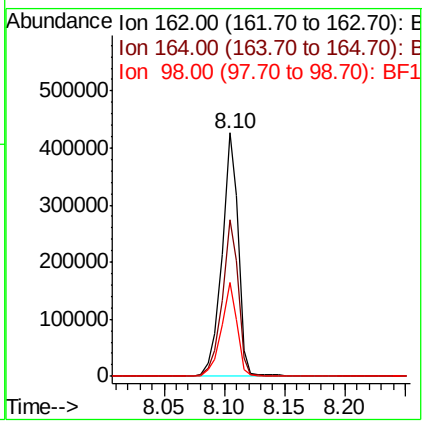


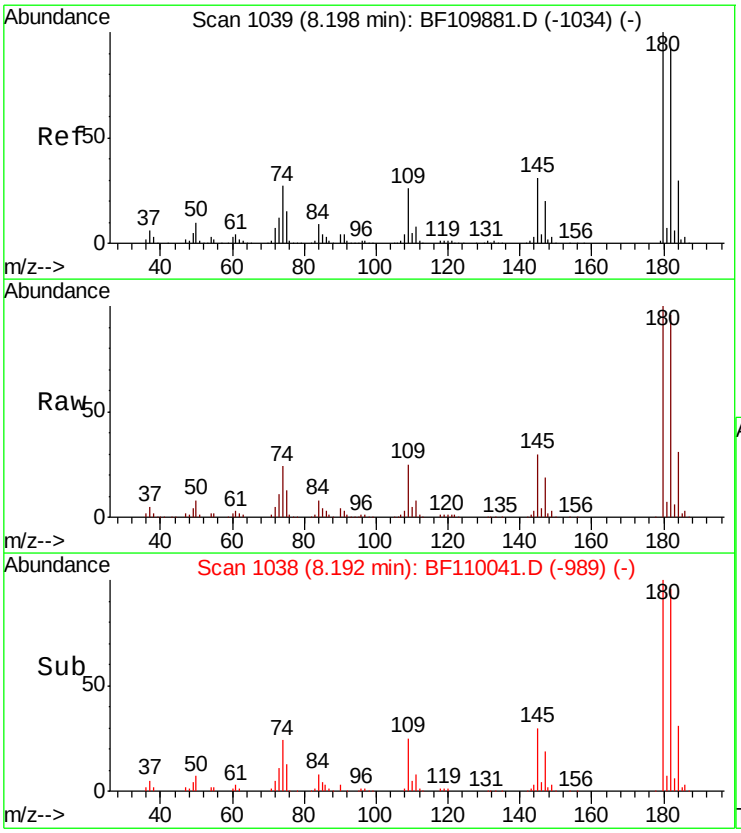

#29
2,4-Dichlorophenol
Concen: 42.563 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:162 Resp: 397731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.5 | 44.6 | 84.6 |
| 98 | 38.6 | 17.4 | 57.4 |

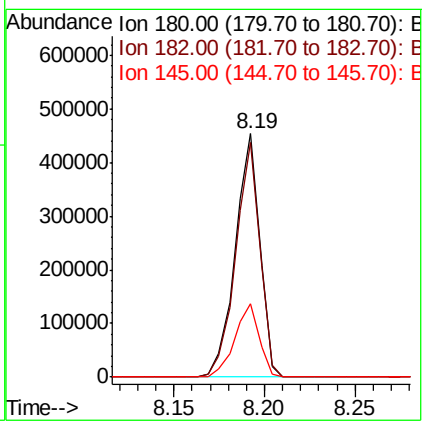


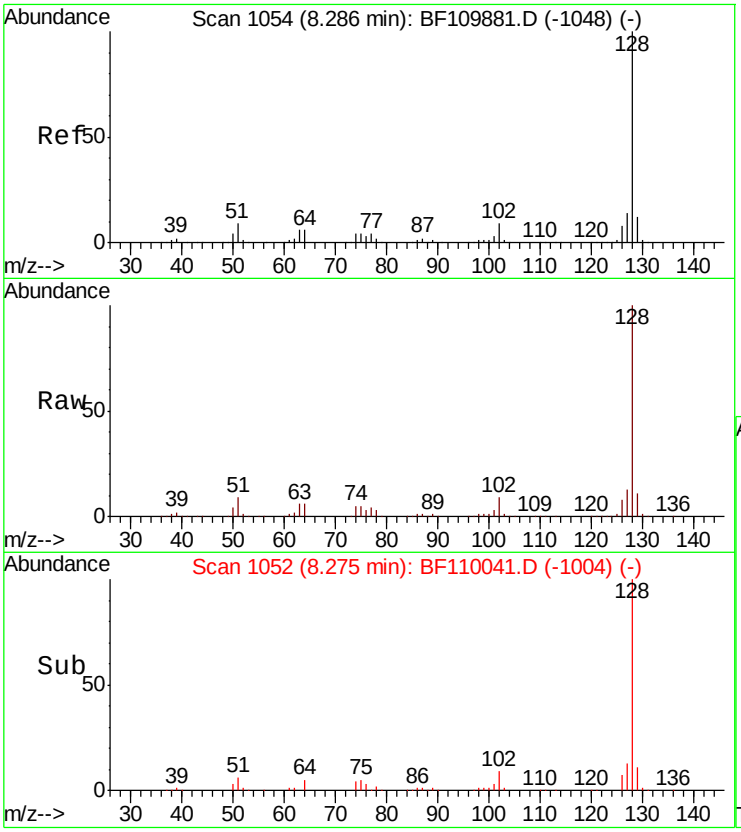




#30
1,2,4-Trichlorobenzene
Concen: 40.673 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:180 Resp: 425556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.2 | 80.3 | 120.5 |
| 145 | 30.4 | 25.4 | 38.0 |



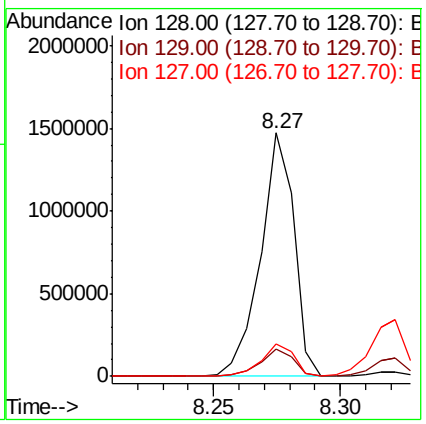


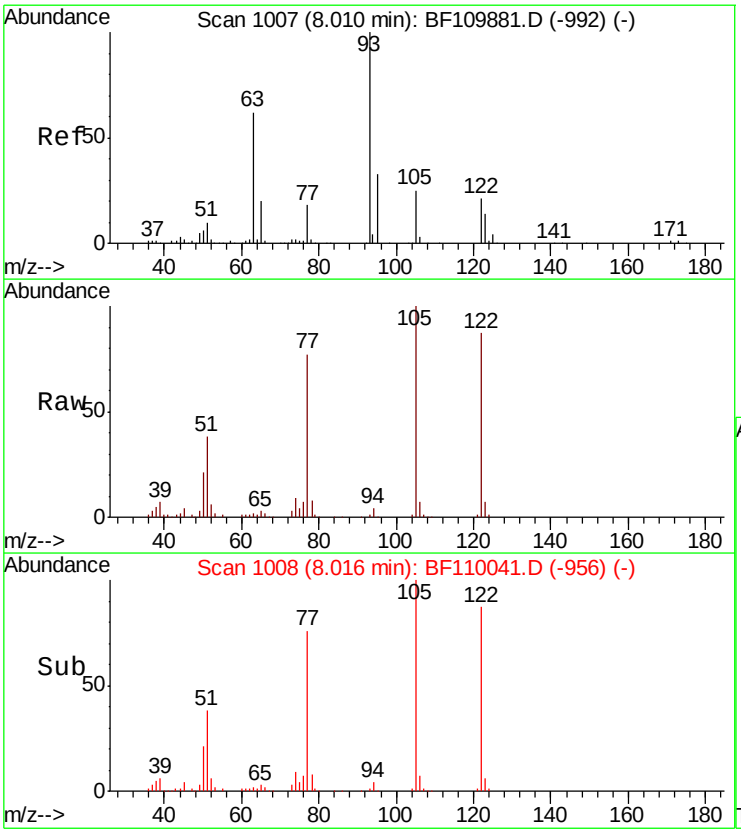

#31
Naphthalene
Concen: 43.479 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:128 Resp: 1366969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 8.8 | 13.2 |
| 127 | 13.3 | 10.8 | 16.2 |

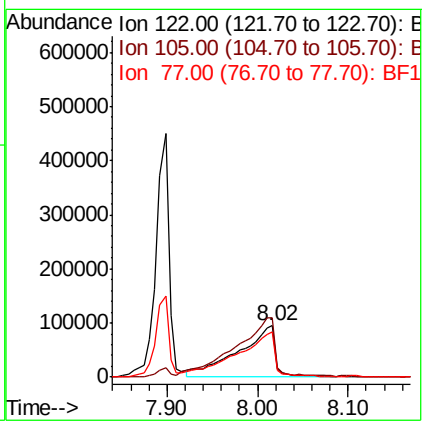


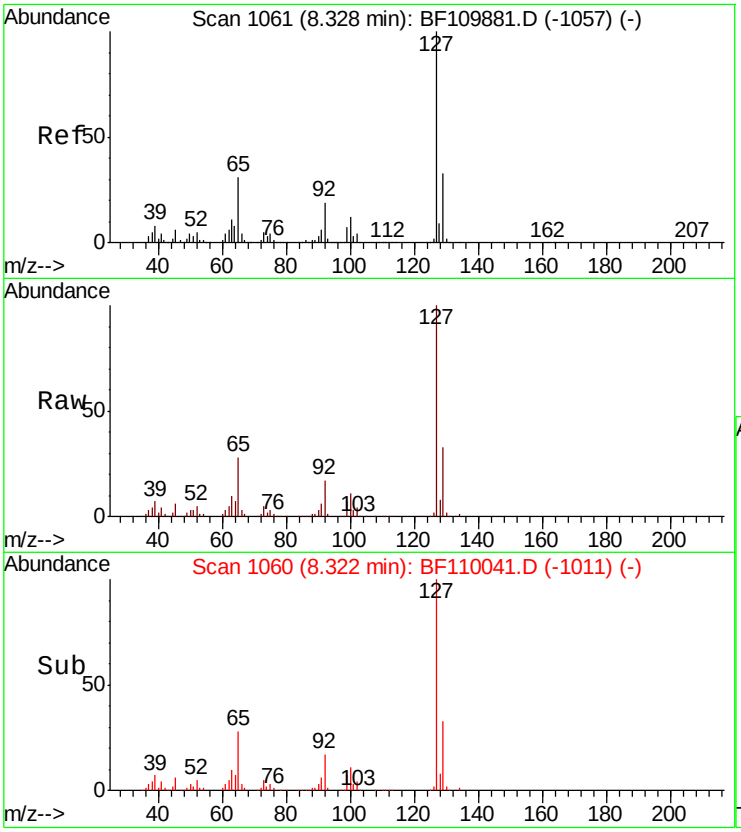




#32
Benzoic acid
Concen: 44.147 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:122 Resp: 264961

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 115.3 | 109.0 | 149.0 |
| 77 | 88.7 | 79.0 | 119.0 |



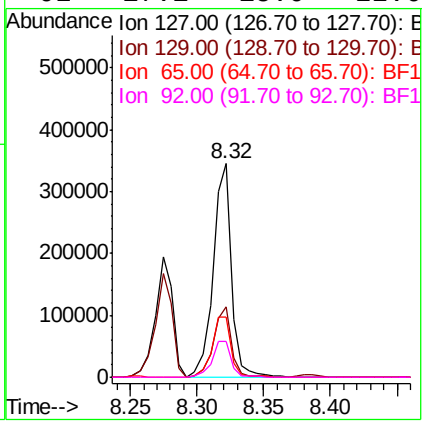


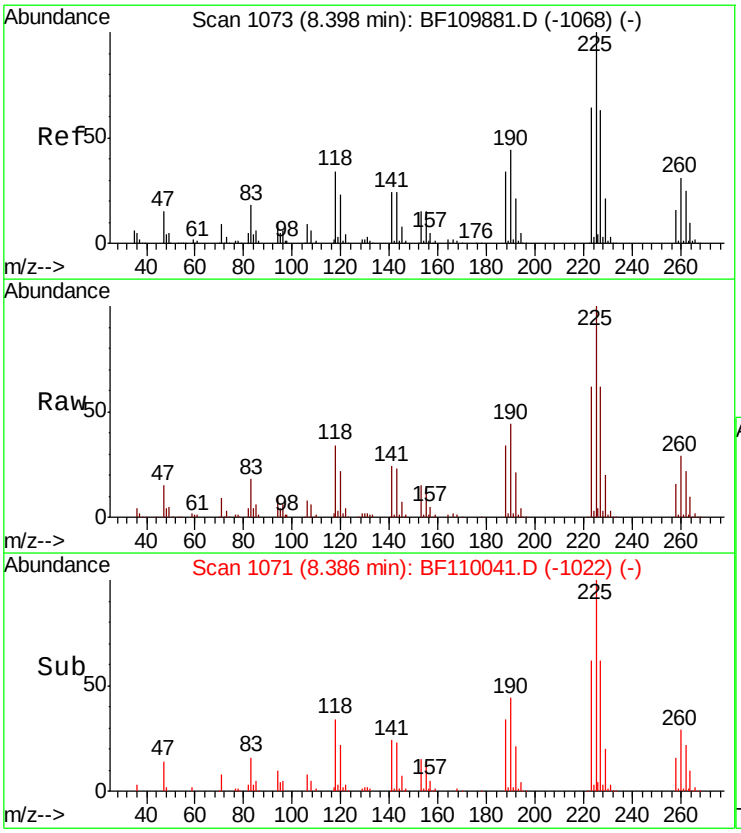

#33
4-Chloroaniline
Concen: 23.613 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:127 Resp: 333724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.9 | 26.0 | 39.0 |
| 65 | 28.2 | 25.1 | 37.7 |
| 92 | 17.1 | 15.0 | 22.6 |

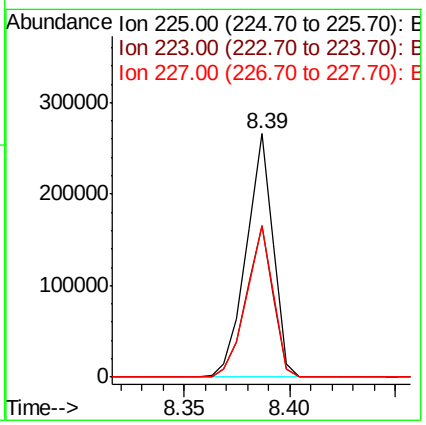


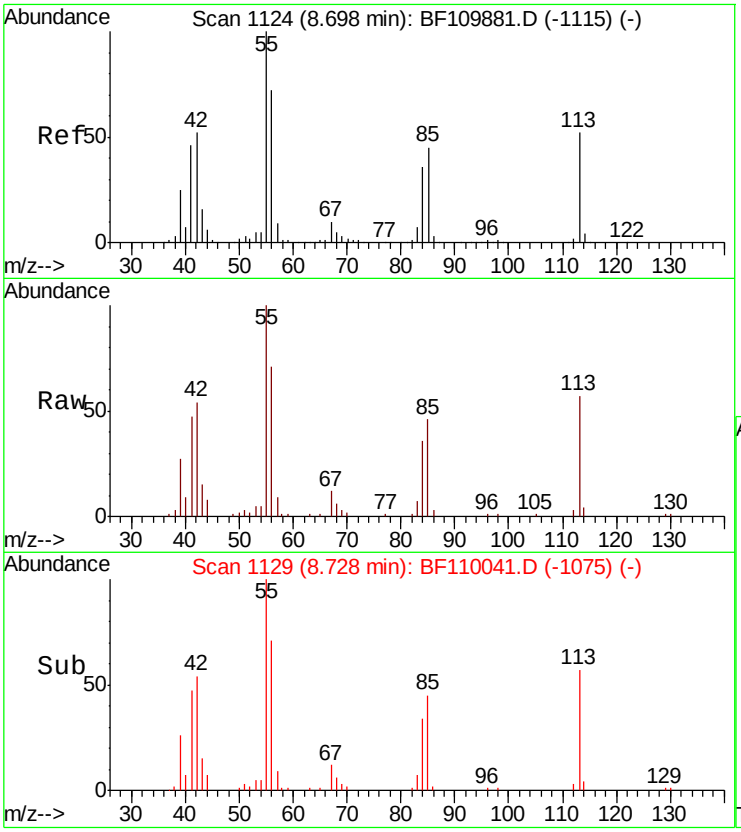




#34
Hexachlorobutadiene
Concen: 40.819 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:225 Resp: 235505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.0 | 51.4 | 77.2 |
| 227 | 62.4 | 51.0 | 76.6 |



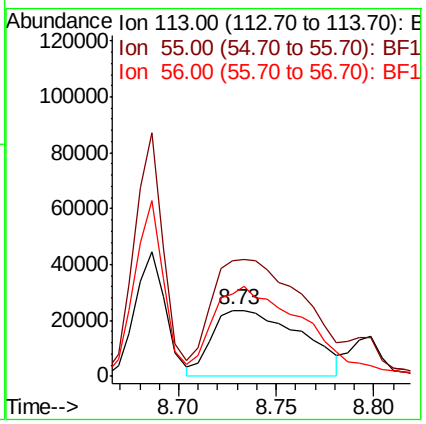


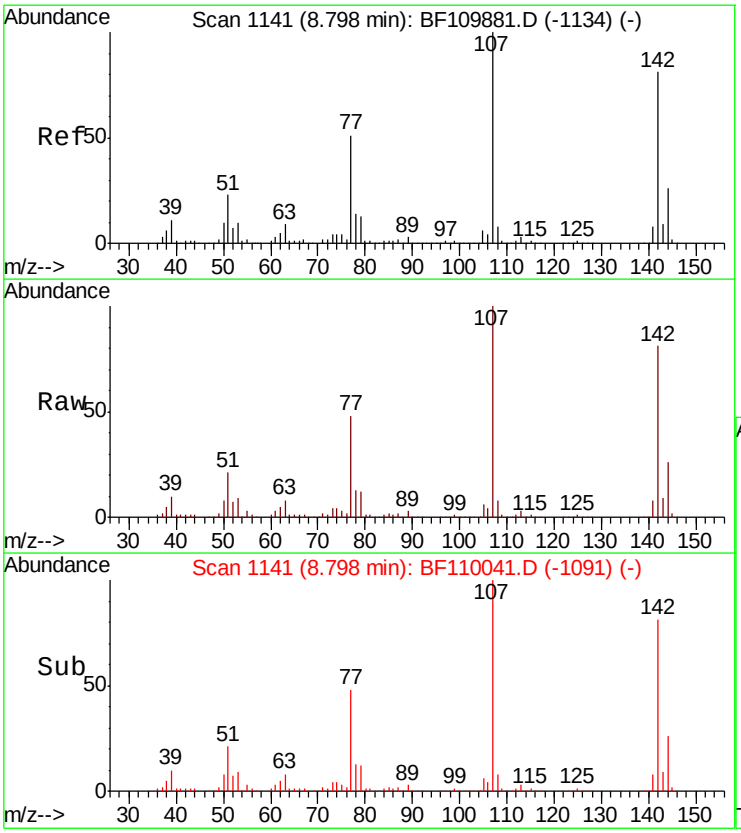

#35
Caprolactam
Concen: 22.455 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:113 Resp: 74521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 175.6 | 142.8 | 182.8 |
| 56 | 124.9 | 105.0 | 145.0 |

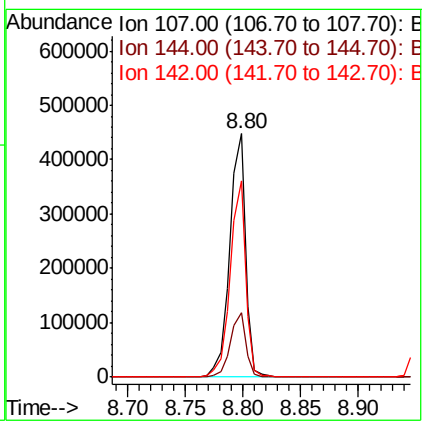


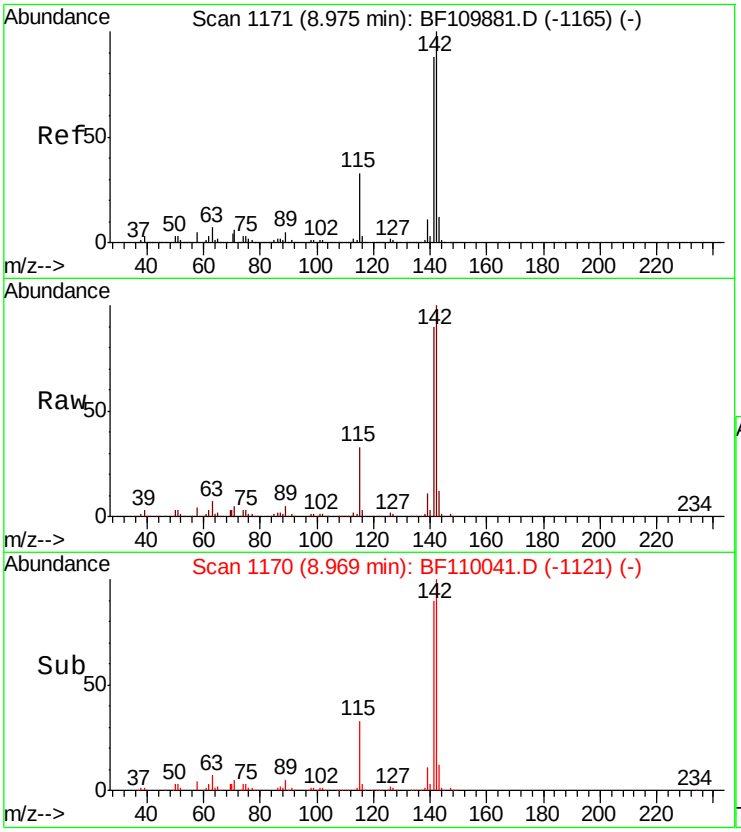




#36
4-Chloro-3-methylphenol
Concen: 43.382 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:107 Resp: 427651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.3 | 20.0 | 30.0 |
| 142 | 80.7 | 59.7 | 89.5 |



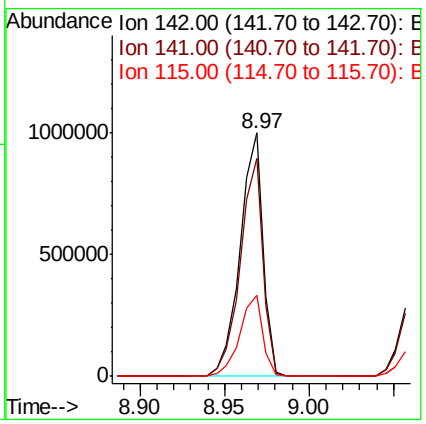


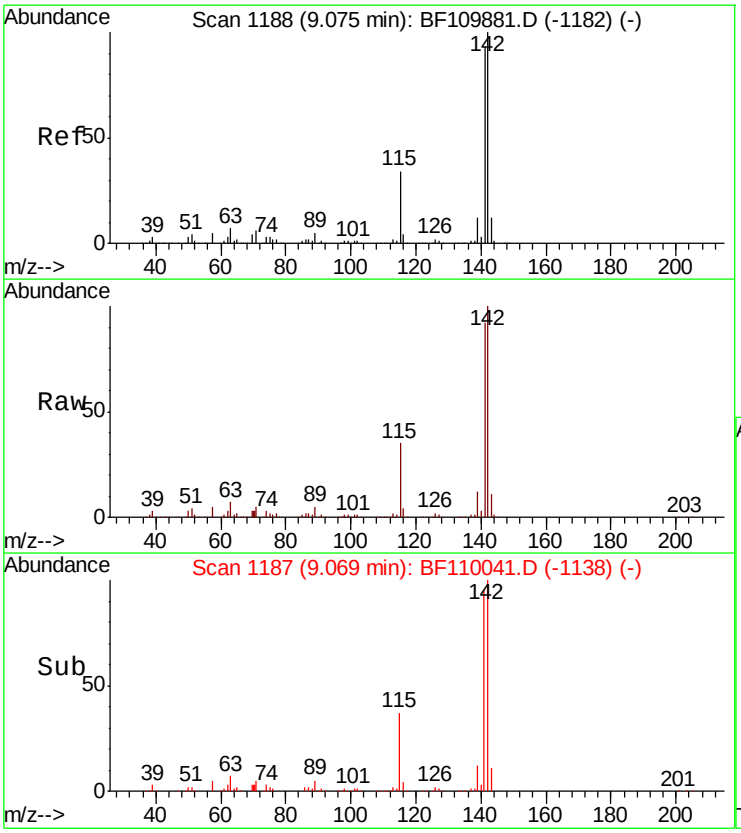

#37
2-Methylnaphthalene
Concen: 46.544 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:142 Resp: 947567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.6 | 71.4 | 107.2 |
| 115 | 33.3 | 28.7 | 43.1 |

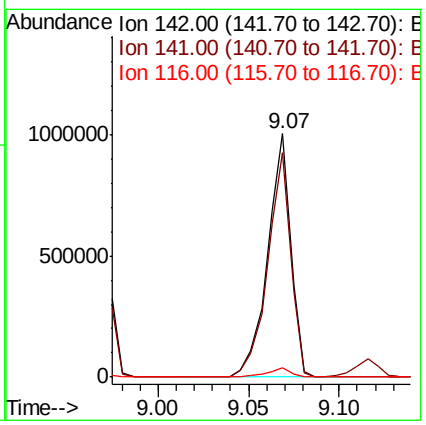


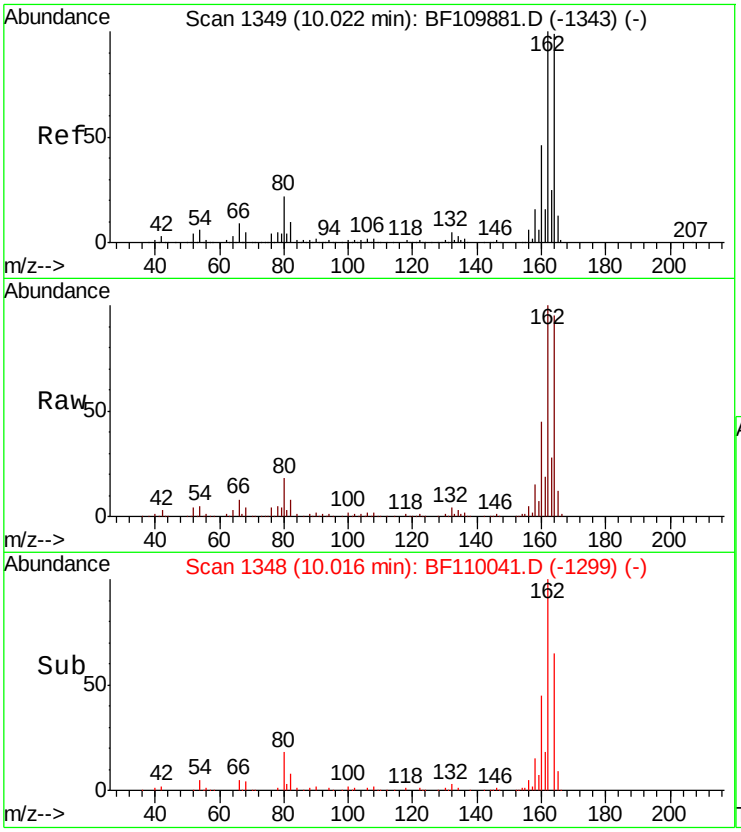




#38
1-Methylnaphthalene
Concen: 44.928 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:142 Resp: 886308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.0 | 74.2 | 111.4 |
| 116 | 3.6 | 2.6 | 4.0 |



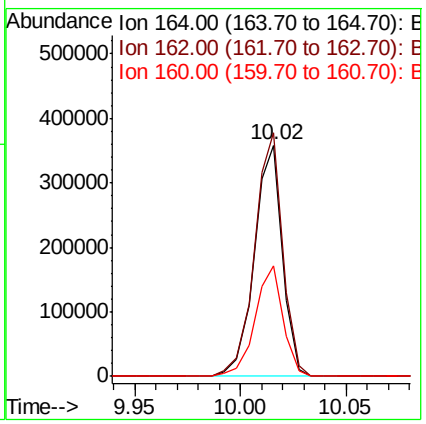


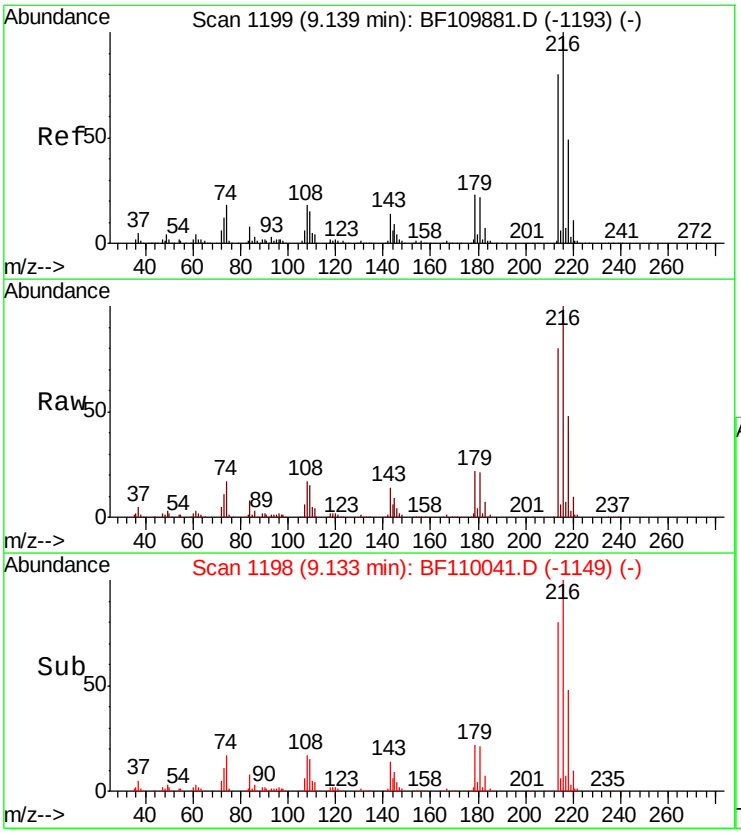

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:164 Resp: 330810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.4 | 83.0 | 124.6 |
| 160 | 47.6 | 37.0 | 55.6 |

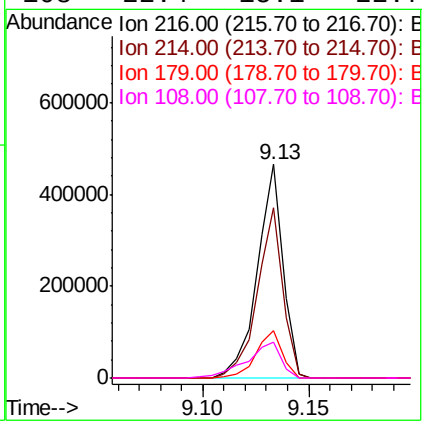


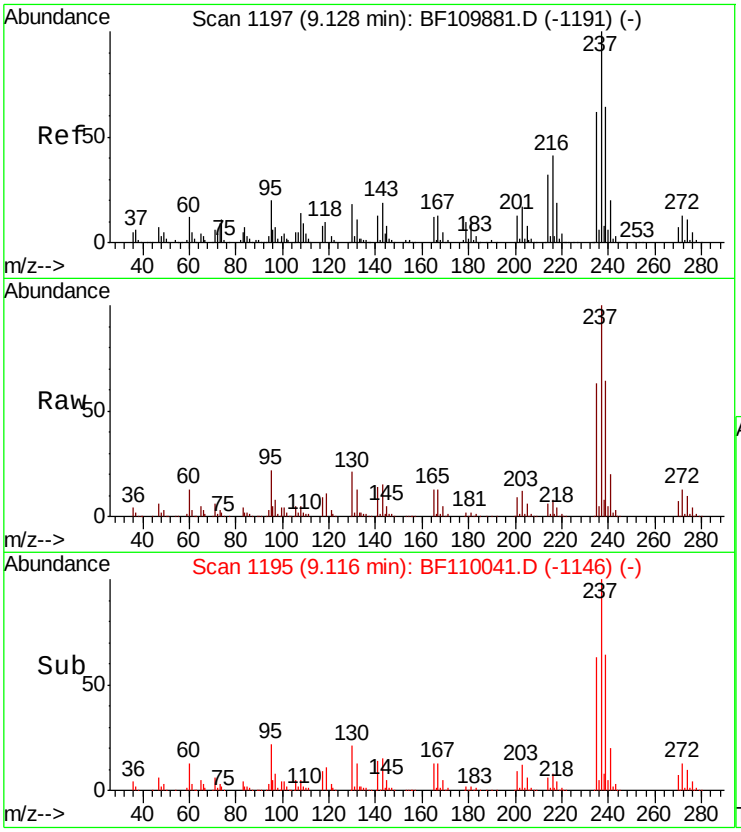




#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.800 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:216 Resp: 395343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.2 | 63.8 | 95.6 |
| 179 | 22.8 | 16.6 | 25.0 |
| 108 | 22.4 | 15.1 | 22.7 |



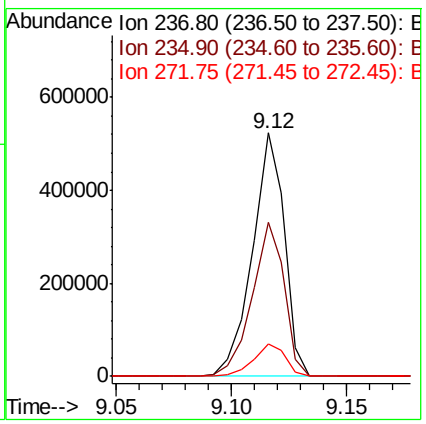


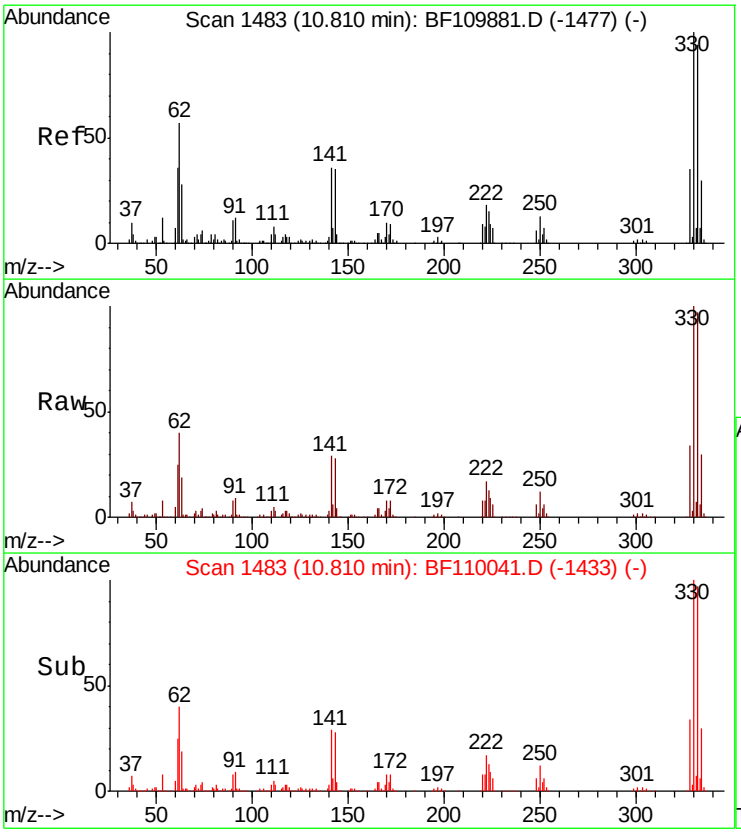

#41
Hexachlorocyclopentadiene
Concen: 103.049 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:237 Resp: 506789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.3 | 43.1 | 83.1 |
| 272 | 13.3 | 0.0 | 32.6 |

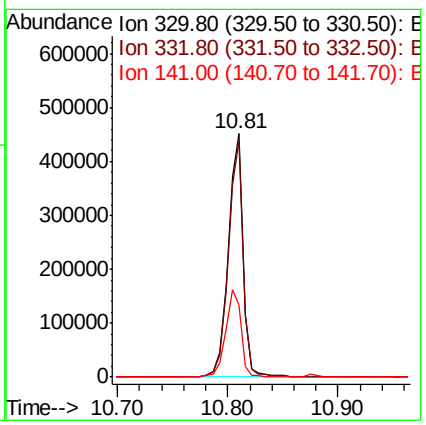


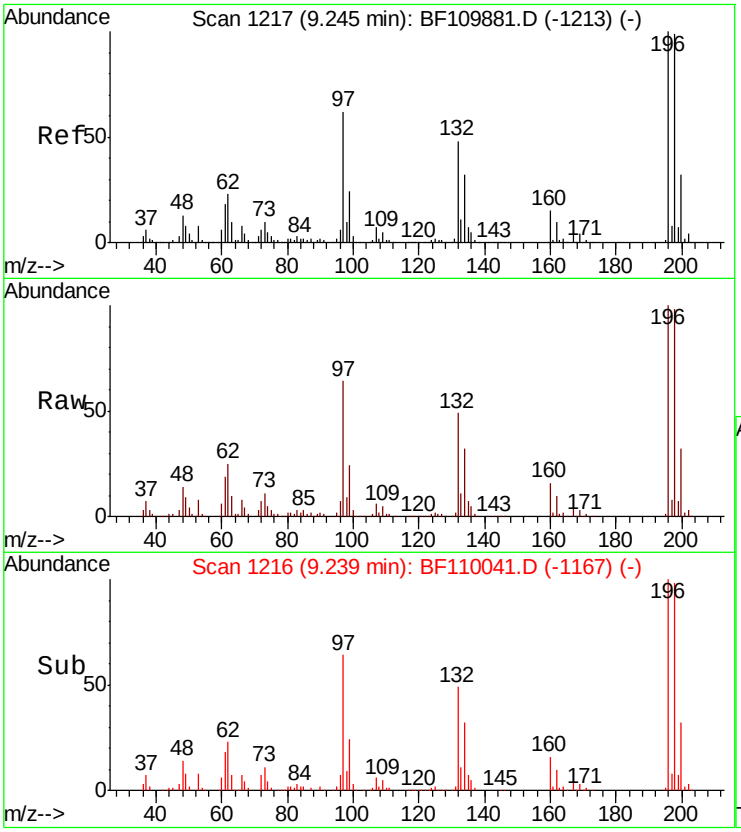




#42
2,4,6-Tribromophenol
Concen: 149.324 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:330 Resp: 427675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 77.1 | 115.7 |
| 141 | 37.2 | 27.0 | 40.4 |



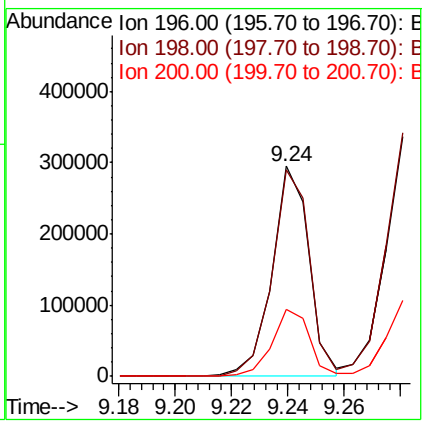


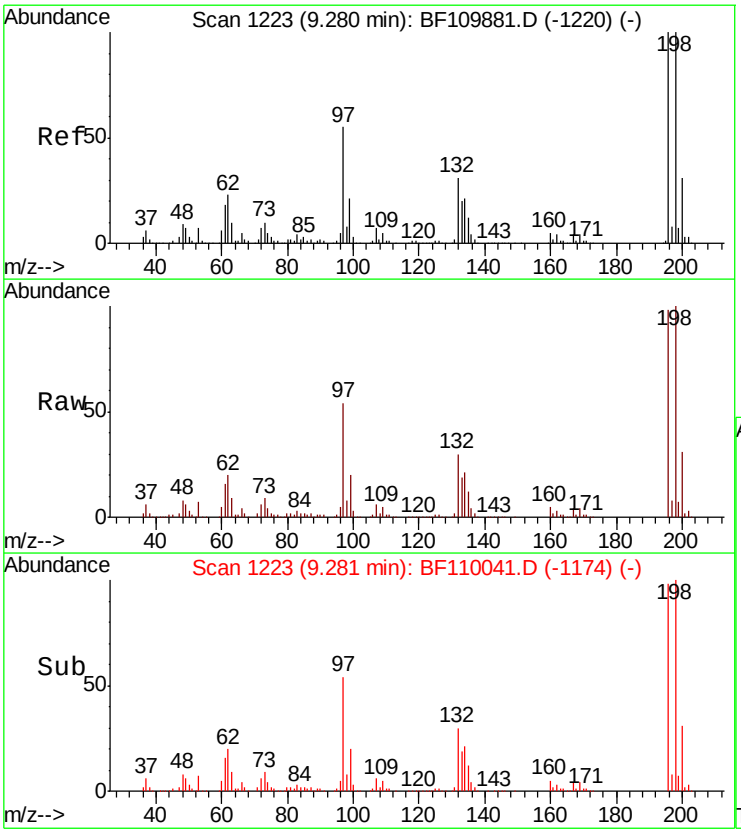

#43
2,4,6-Trichlorophenol
Concen: 41.964 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:196 Resp: 267364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.3 | 76.2 | 114.4 |
| 200 | 32.0 | 24.4 | 36.6 |

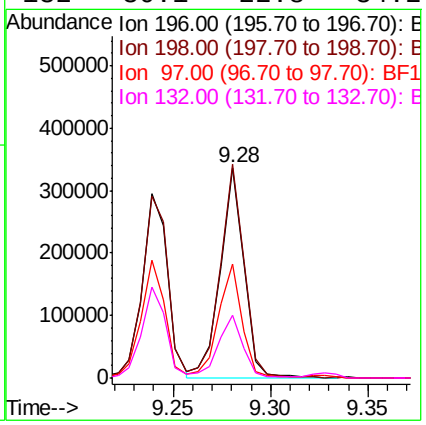


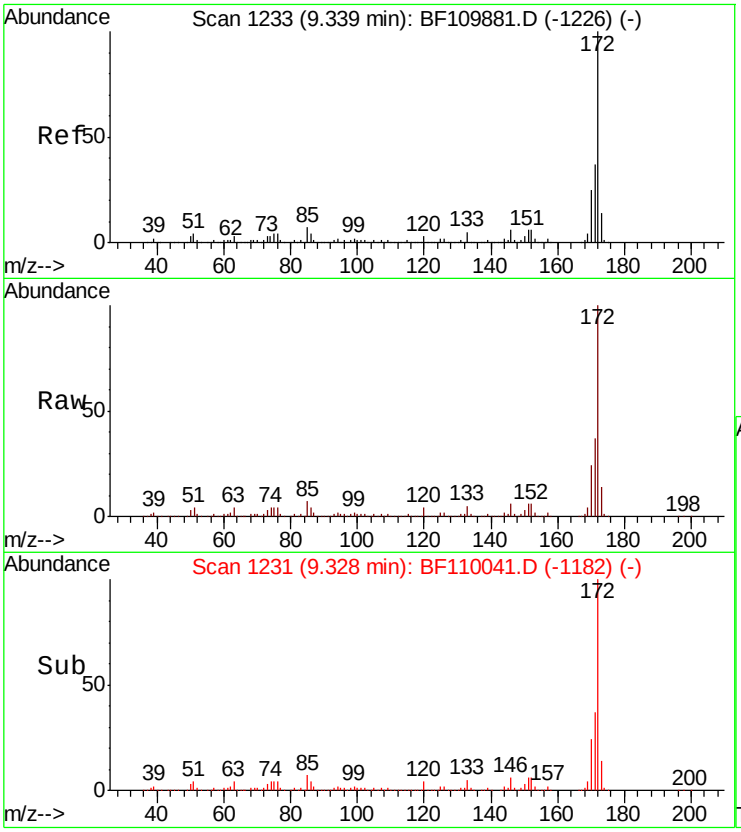




#44
2,4,5-Trichlorophenol
Concen: 42.945 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:196 Resp: 283978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.7 | 75.8 | 113.6 |
| 97 | 54.5 | 42.4 | 63.6 |
| 132 | 30.1 | 22.8 | 34.2 |

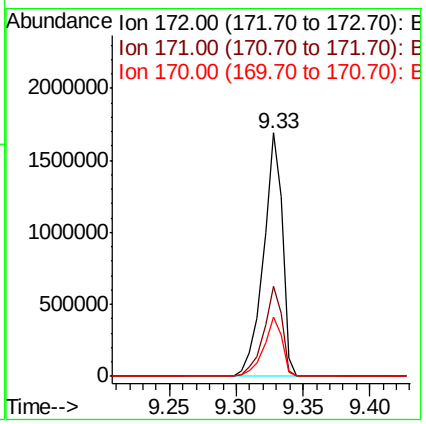




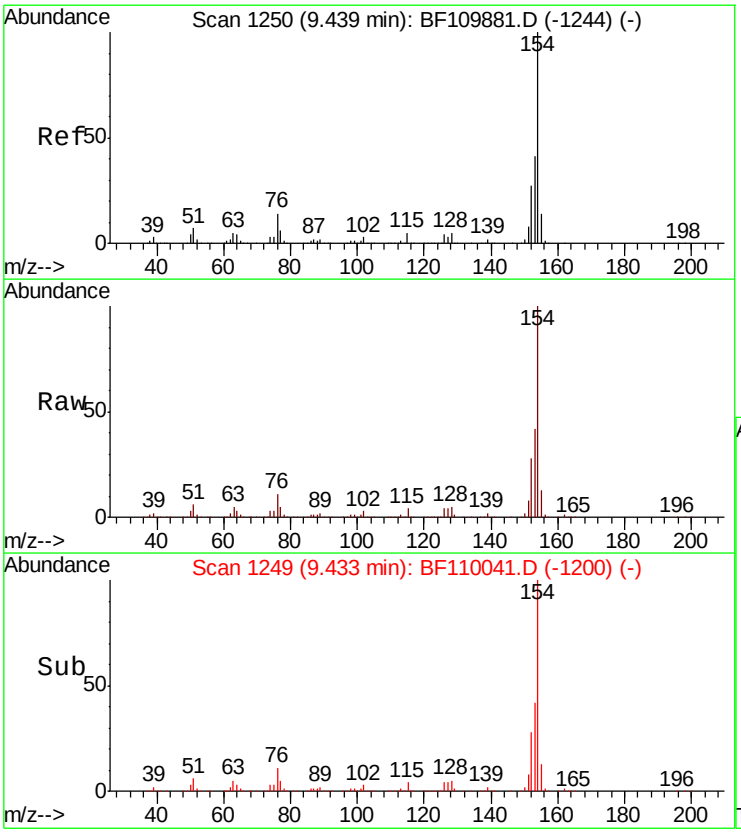

#45
2-Fluorobiphenyl
Concen: 79.703 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:172 Resp: 1652402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.0 | 28.6 | 43.0 |
| 170 | 24.3 | 19.7 | 29.5 |



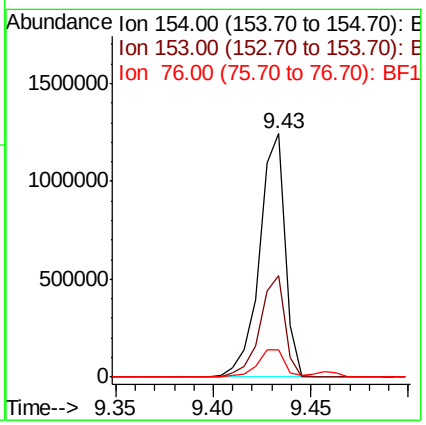

**Instrument :**
BNA_F
**ClientSampleId :**

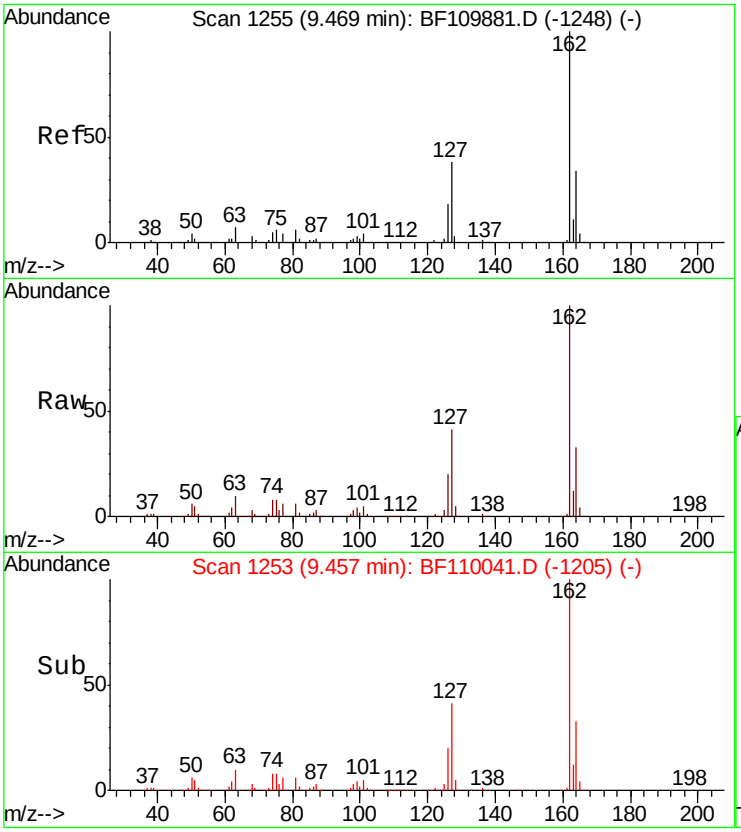



#46
1,1'-Biphenyl
Concen: 38.337 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:154 Resp: 1129925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.5 | 20.4 | 60.4 |
| 76 | 11.0 | 0.0 | 31.9 |



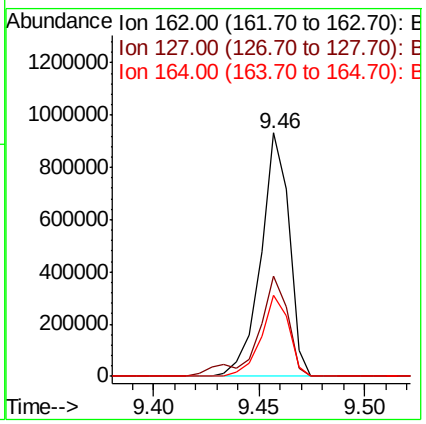


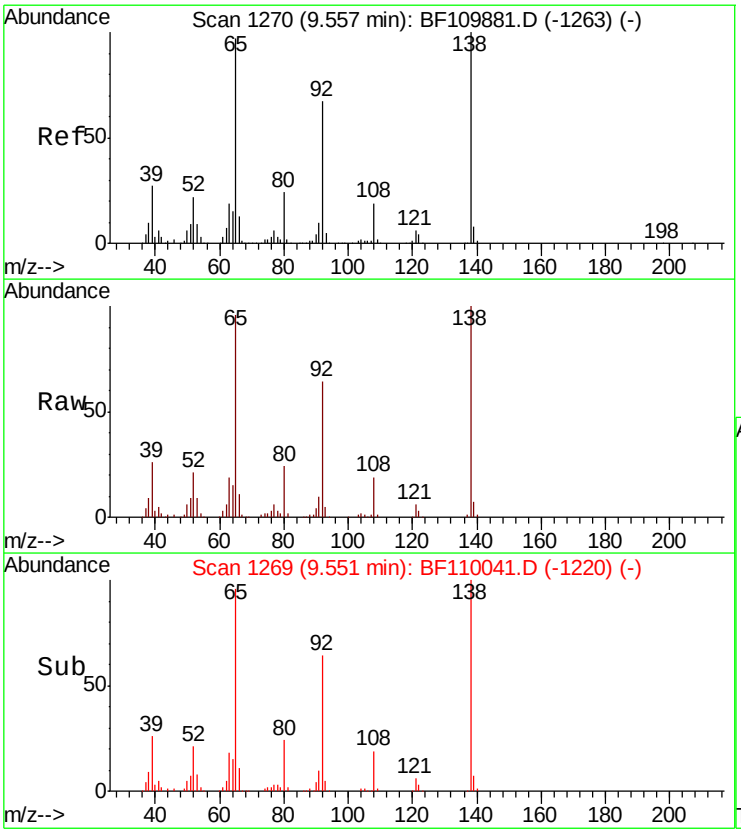

#47
2-Chloronaphthalene
Concen: 39.956 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:162 Resp: 867458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.4 | 32.6 | 48.8 |
| 164 | 33.1 | 25.9 | 38.9 |

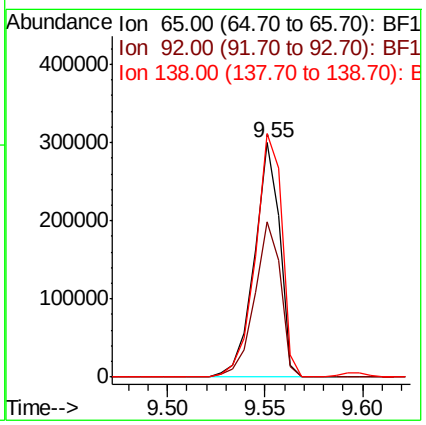


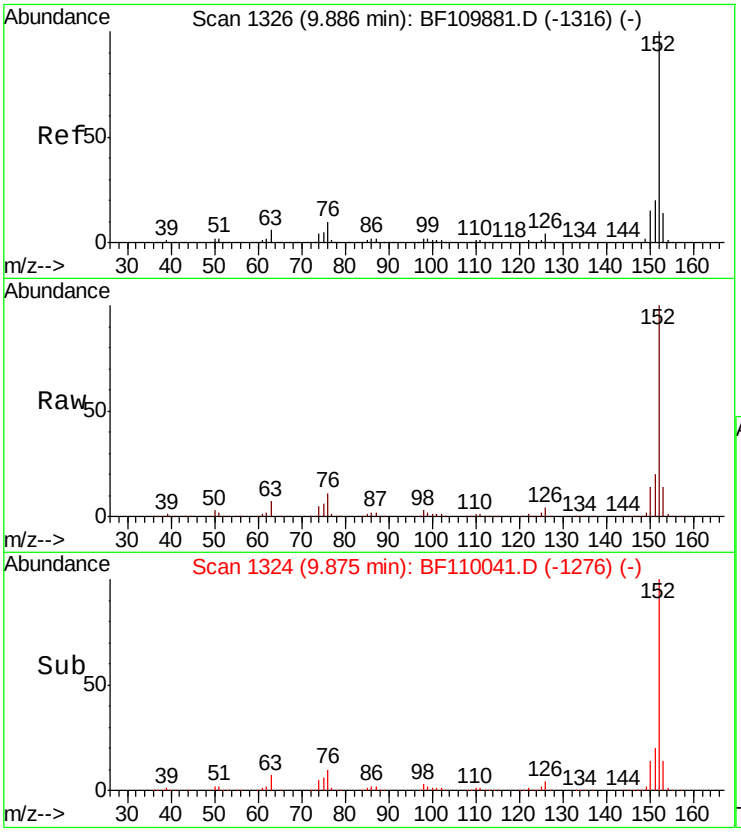




#48
2-Nitroaniline
Concen: 48.535 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion: 65 Resp: 270415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.5 | 54.6 | 81.8 |
| 138 | 104.0 | 80.3 | 120.5 |



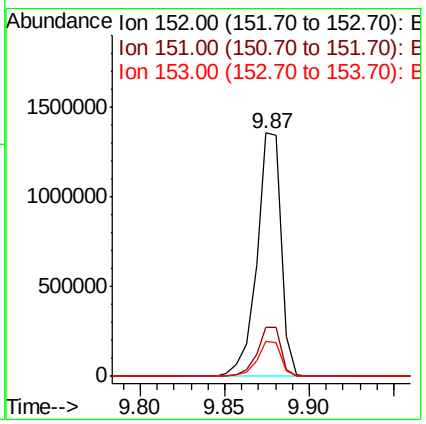


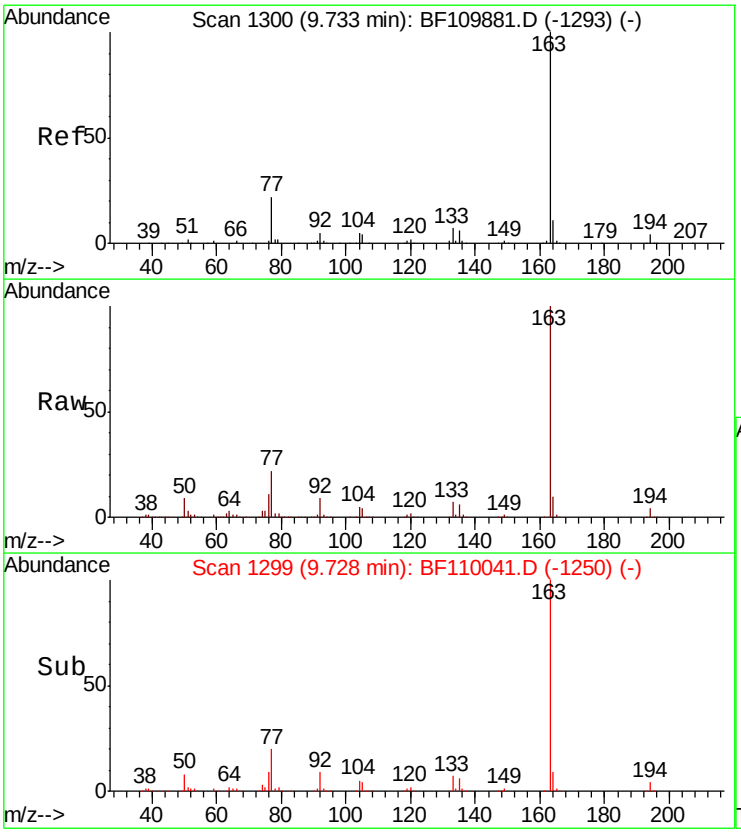

#49
Acenaphthylene
Concen: 42.953 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:152 Resp: 1354723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 15.8 | 23.8 |
| 153 | 14.2 | 10.4 | 15.6 |

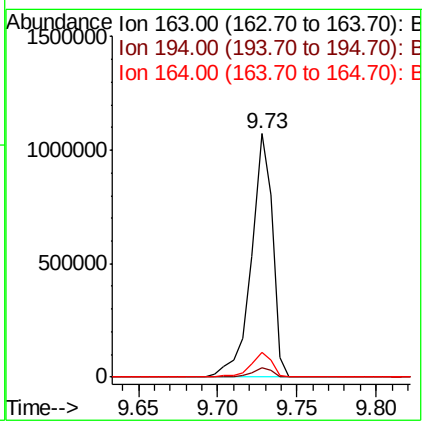


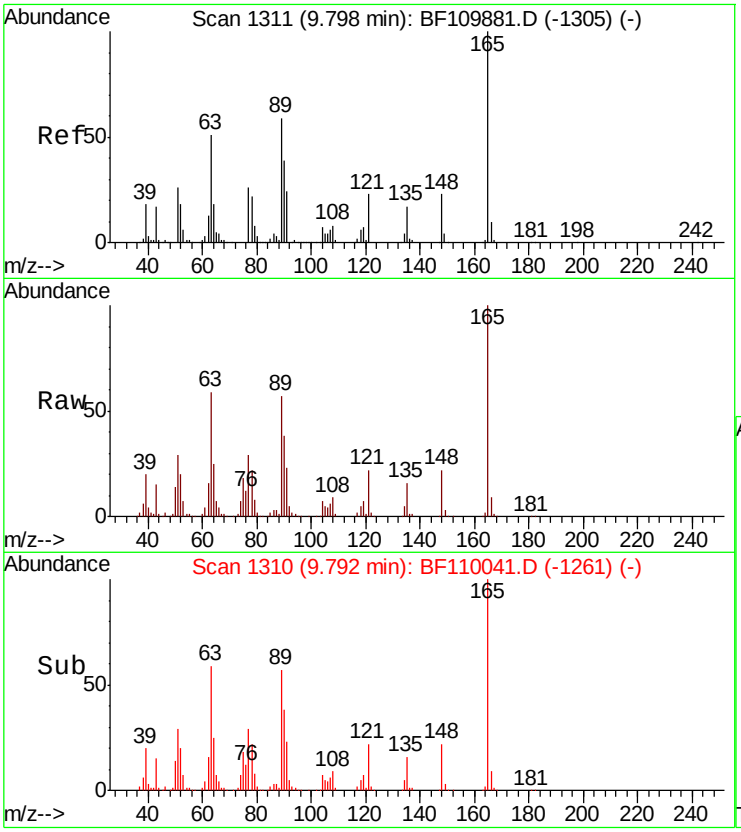




#50
Dimethylphthalate
Concen: 42.222 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:163 Resp: 989020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 3.2 | 4.8 |
| 164 | 10.4 | 8.1 | 12.1 |



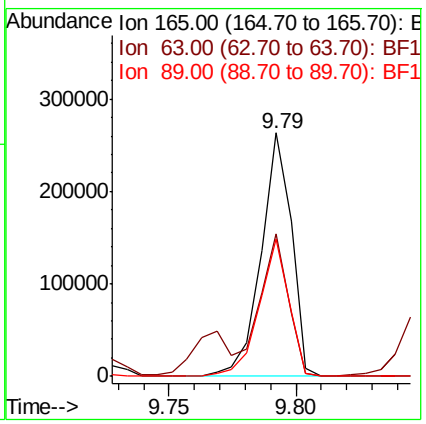


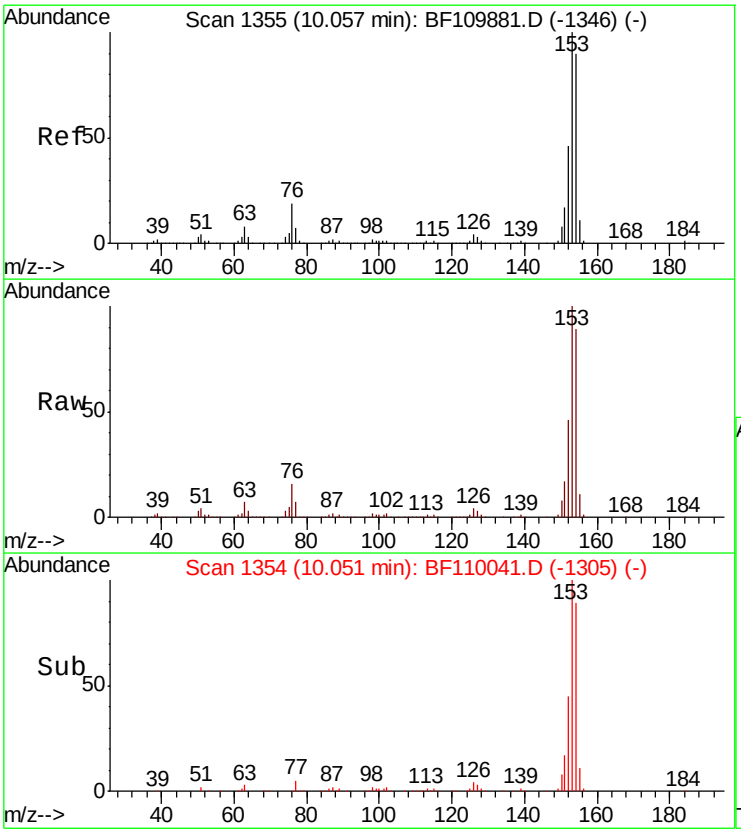

#51
2,6-Dinitrotoluene
Concen: 49.969 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:165 Resp: 222317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 58.7 | 48.9 | 73.3 |
| 89 | 56.5 | 46.6 | 69.8 |

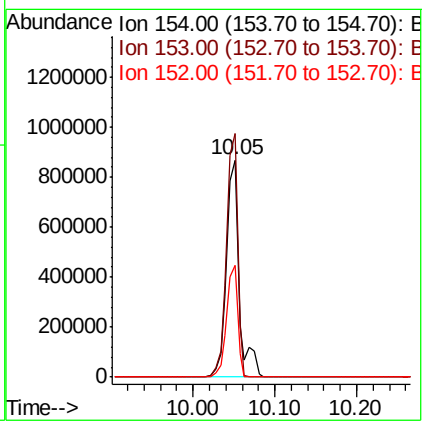


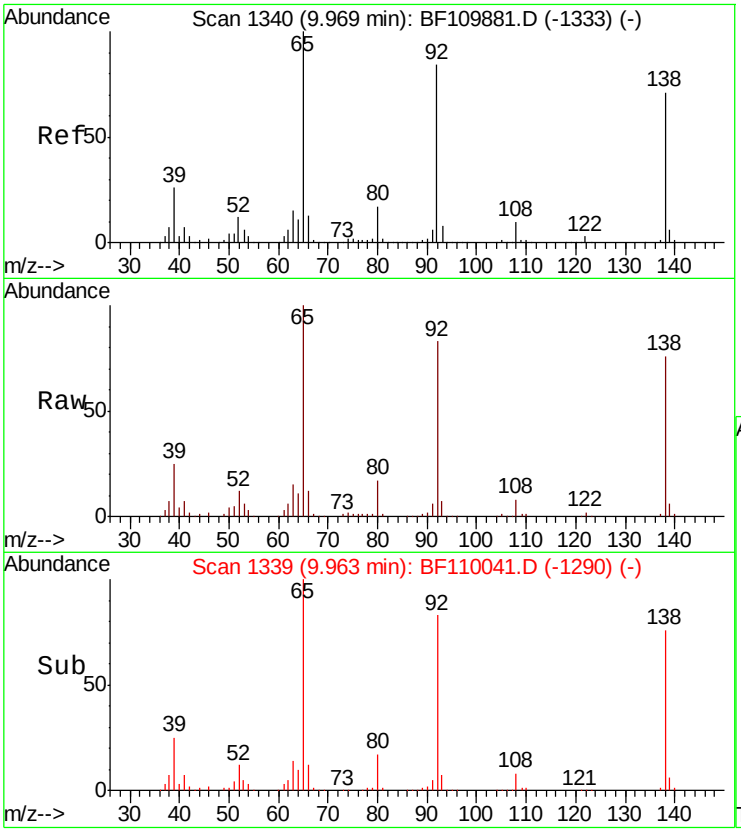




#52
Acenaphthene
Concen: 46.263 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:154 Resp: 928950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.3 | 90.1 | 135.1 |
| 152 | 51.4 | 43.4 | 65.2 |



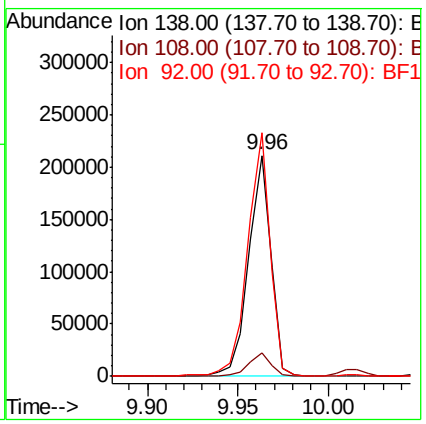


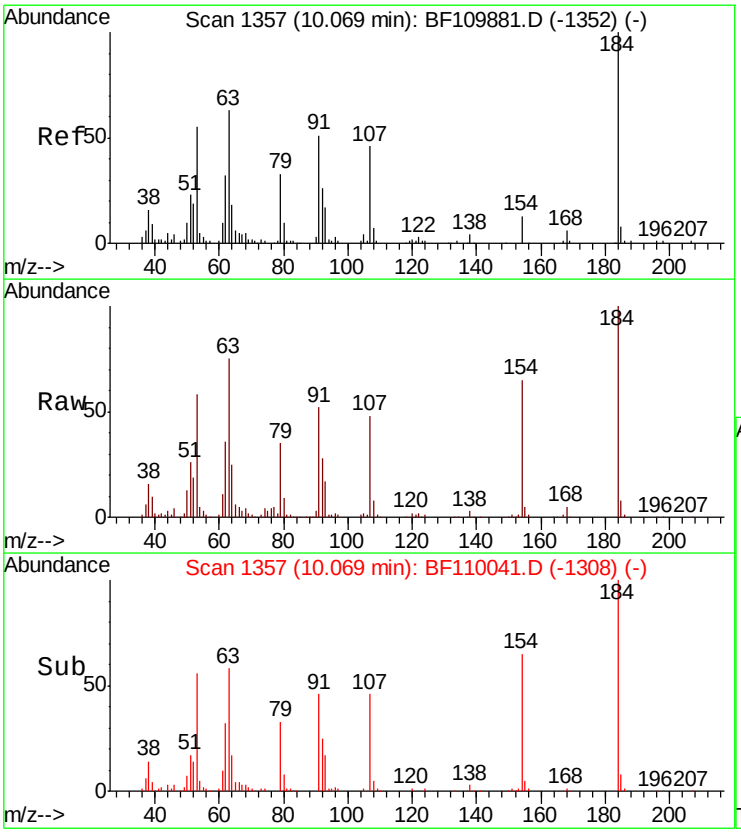

#53
3-Nitroaniline
Concen: 33.470 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:138 Resp: 181143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.5 | 8.7 | 13.1 |
| 92 | 110.2 | 97.0 | 145.4 |

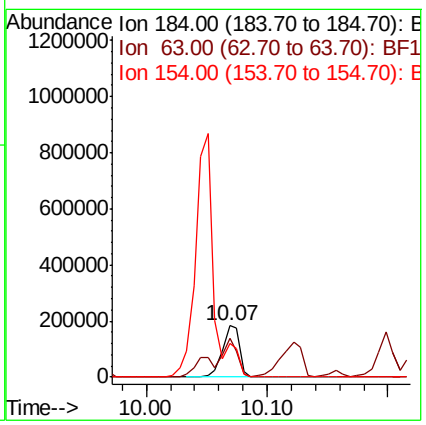


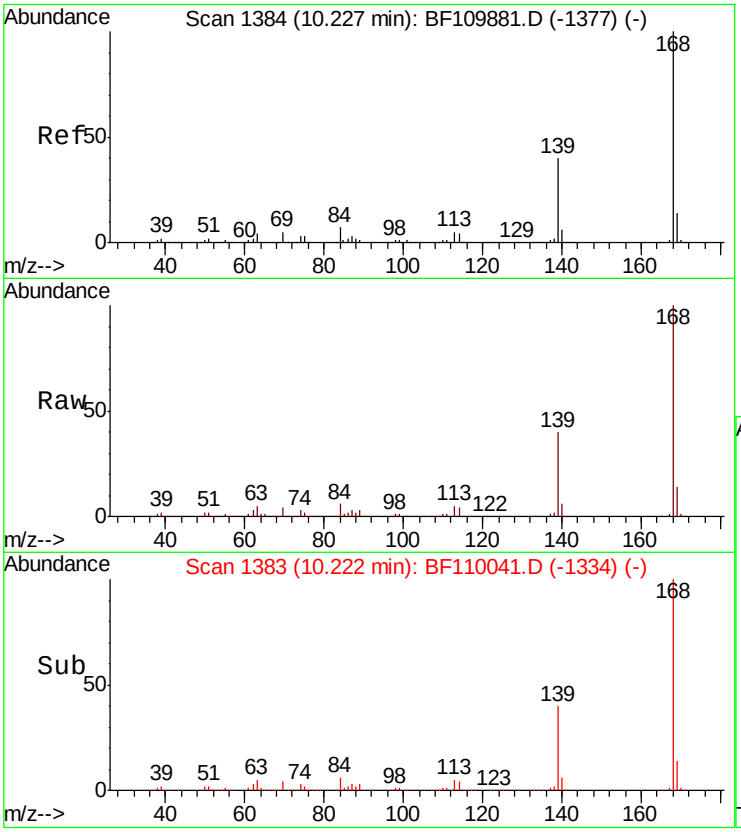




#54
2,4-Dinitrophenol
Concen: 120.941 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:184 Resp: 178684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 74.5 | 55.8 | 83.6 |
| 154 | 65.3 | 63.2 | 94.8 |



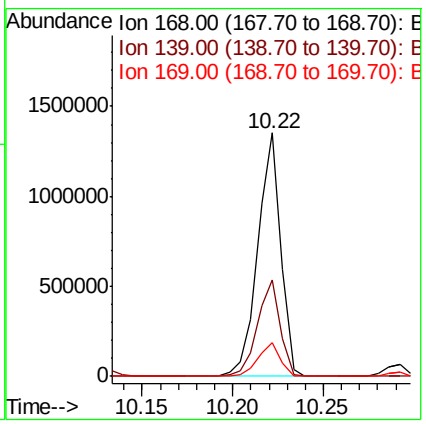


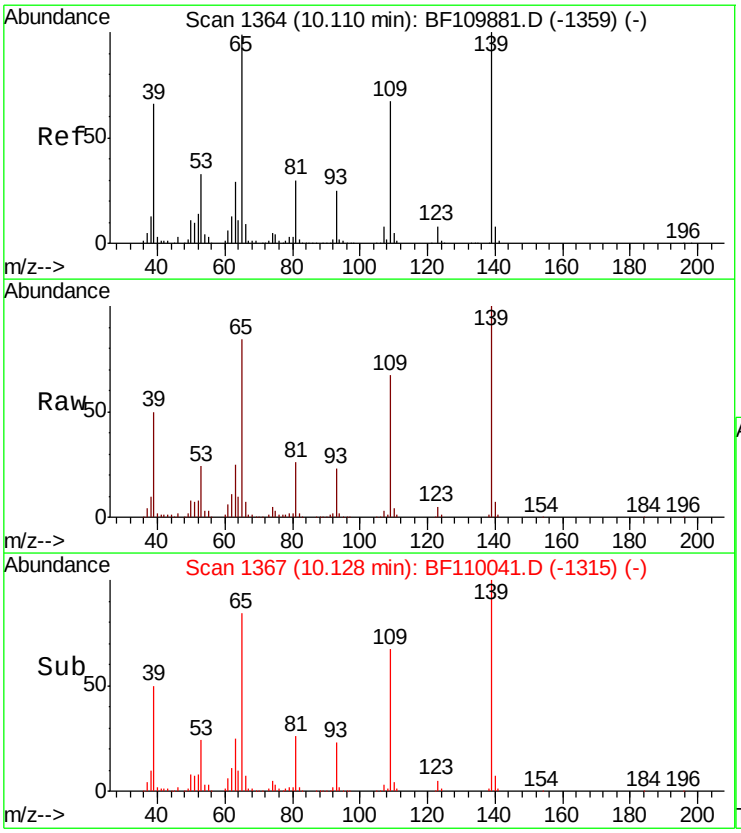

#55
Dibenzofuran
Concen: 41.603 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:168 Resp: 1191344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.7 | 33.0 | 49.6 |
| 169 | 13.7 | 11.3 | 16.9 |

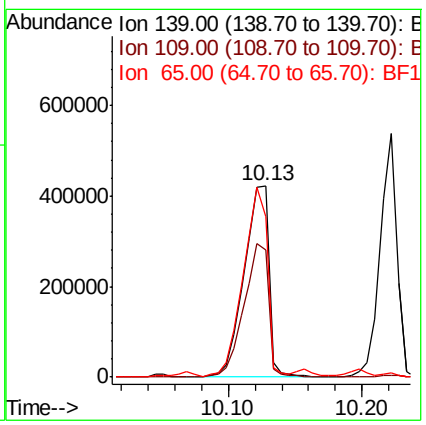


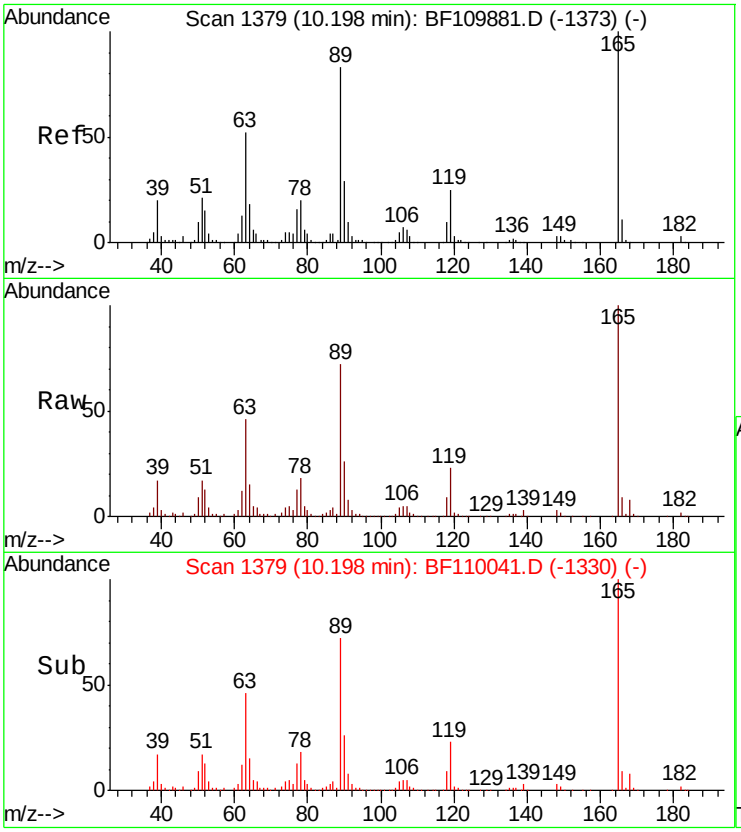




#56
4-Nitrophenol
Concen: 130.332 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:139 Resp: 538210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 66.7 | 55.8 | 95.8 |
| 65 | 84.2 | 77.9 | 117.9 |



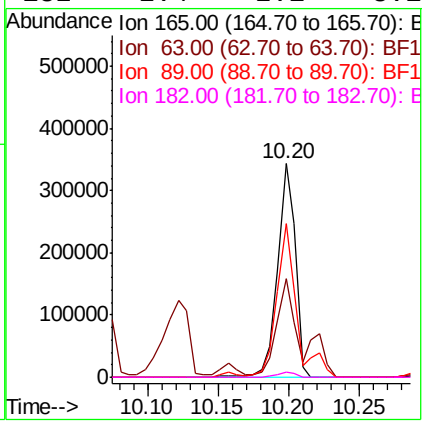


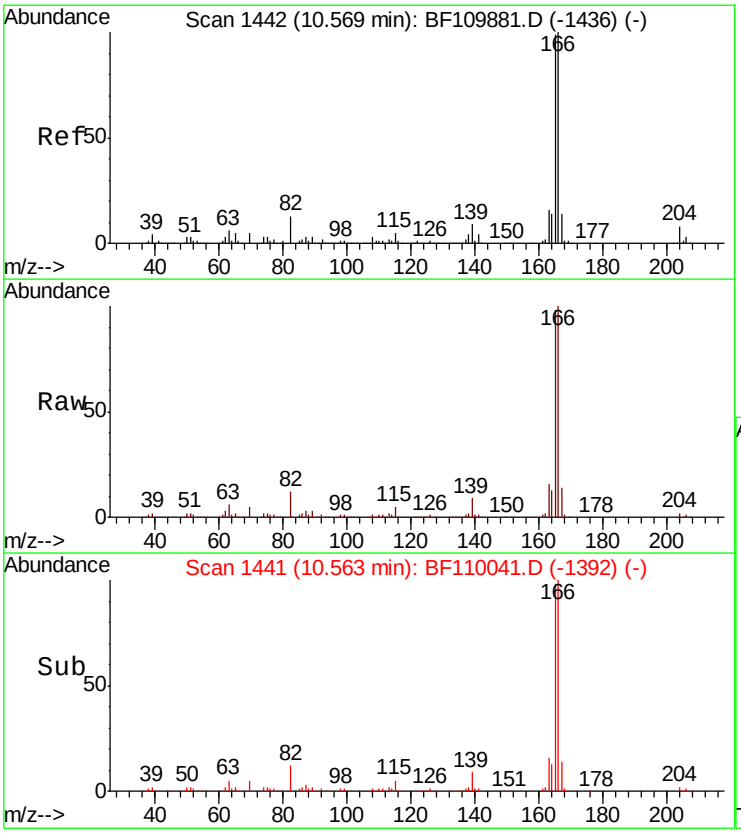

#57
2,4-Dinitrotoluene
Concen: 53.041 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:165 Resp: 301083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.4 | 44.8 | 67.2 |
| 89 | 72.0 | 62.2 | 93.4 |
| 182 | 2.4 | 2.1 | 3.1 |

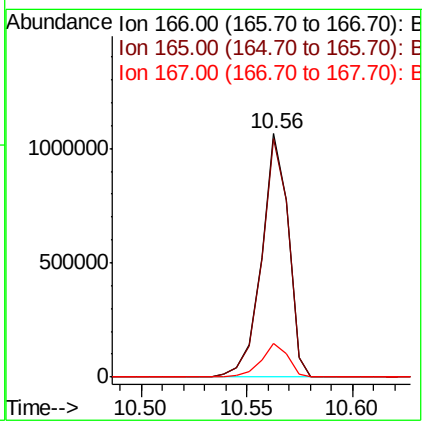


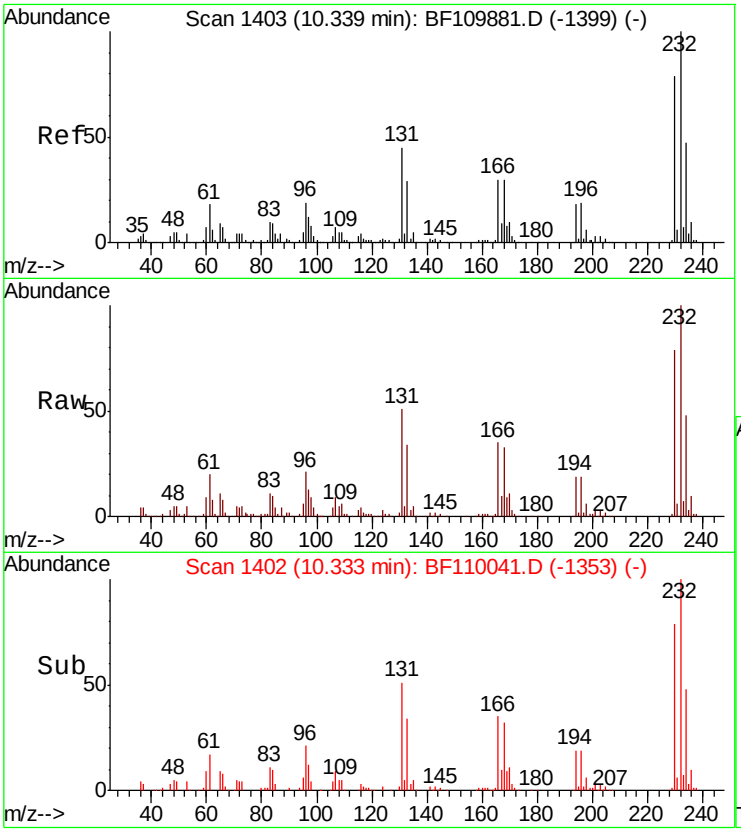




#58
Fluorene
Concen: 44.938 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:166 Resp: 936771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 78.6 | 117.8 |
| 167 | 13.8 | 10.8 | 16.2 |



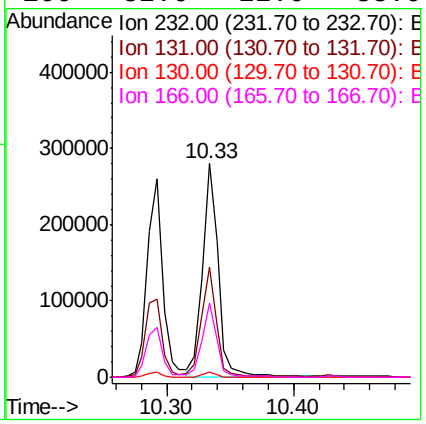


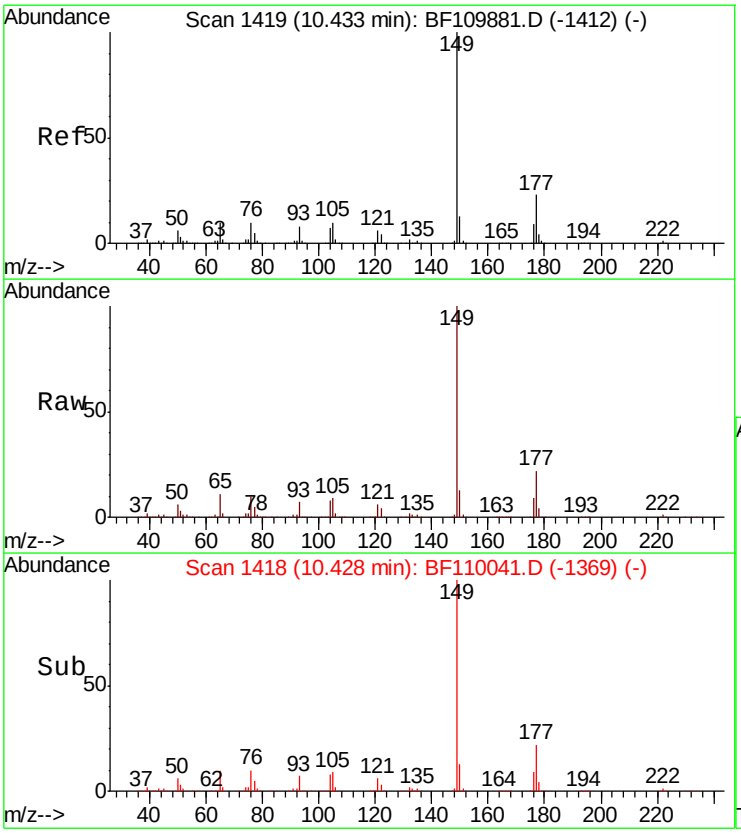

#59
2,3,4,6-Tetrachlorophenol
Concen: 45.911 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:232 Resp: 240606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.7 | 37.0 | 55.4 |
| 130 | 2.3 | 1.8 | 2.6 |
| 166 | 32.6 | 22.0 | 33.0 |

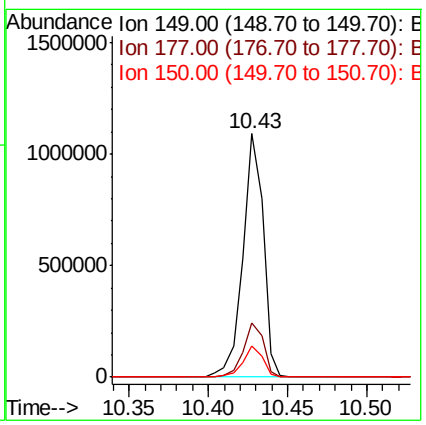


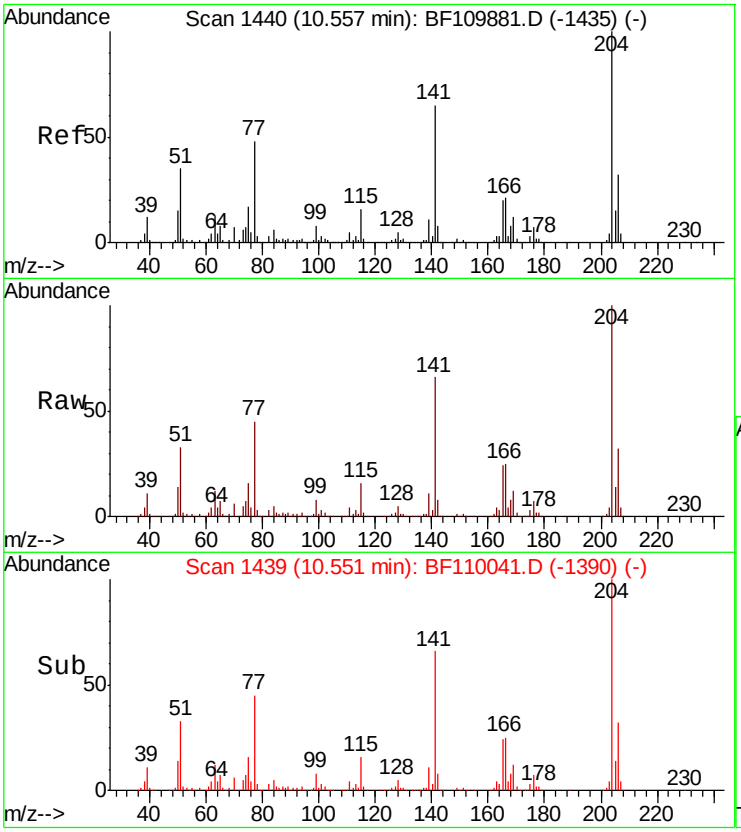




#60
Diethylphthalate
Concen: 41.819 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:149 Resp: 967515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.2 | 17.4 | 26.2 |
| 150 | 12.7 | 9.8 | 14.8 |



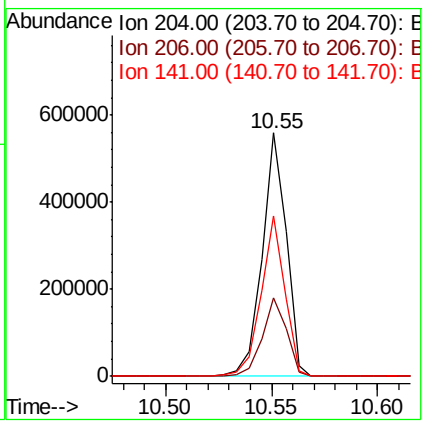


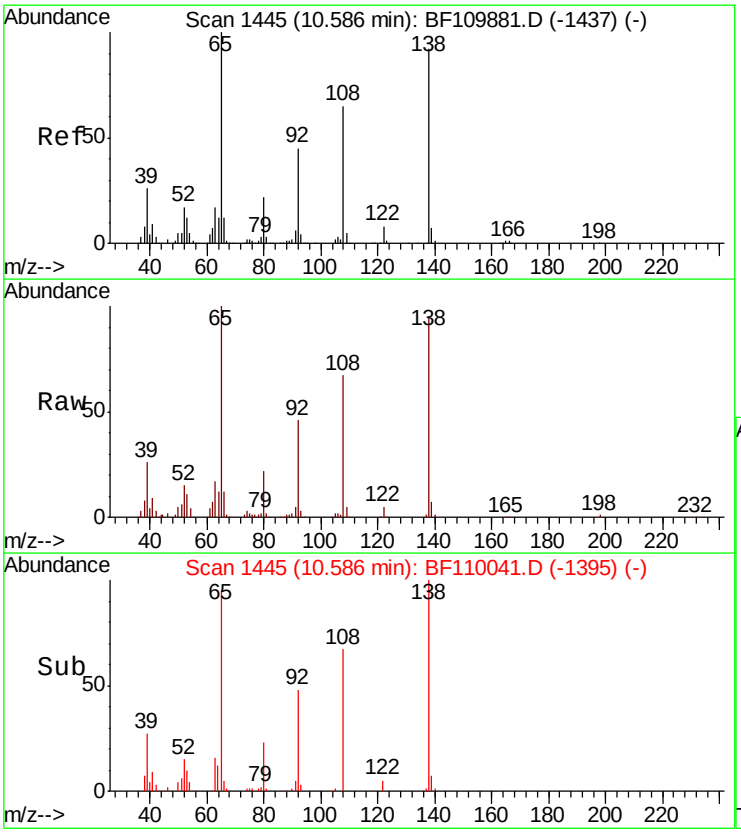

#61
4-Chlorophenyl-phenylether
Concen: 40.839 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:204 Resp: 443462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.2 | 26.5 | 39.7 |
| 141 | 66.0 | 51.8 | 77.8 |

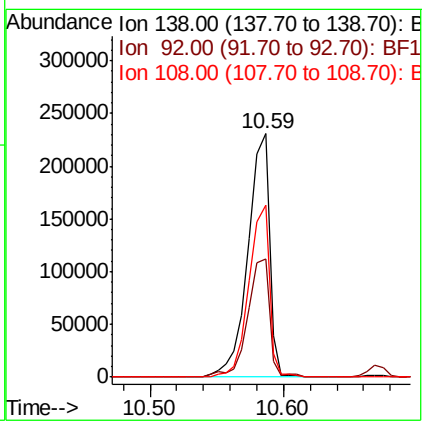


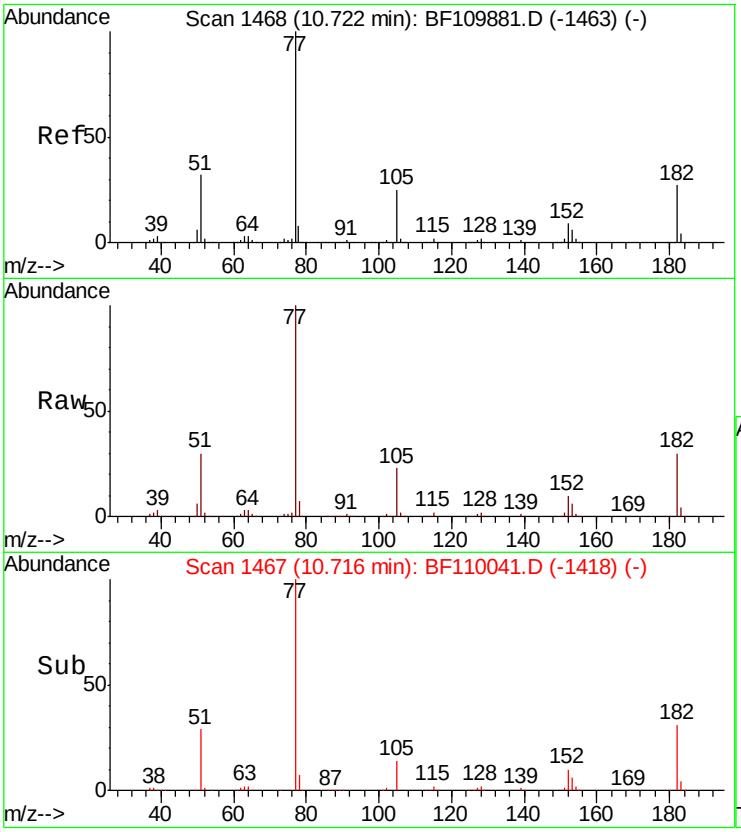




#62
4-Nitroaniline
Concen: 50.071 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:138 Resp: 256517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.4 | 31.7 | 71.7 |
| 108 | 70.6 | 59.3 | 99.3 |



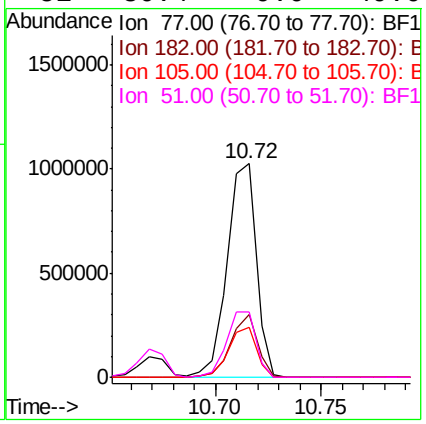


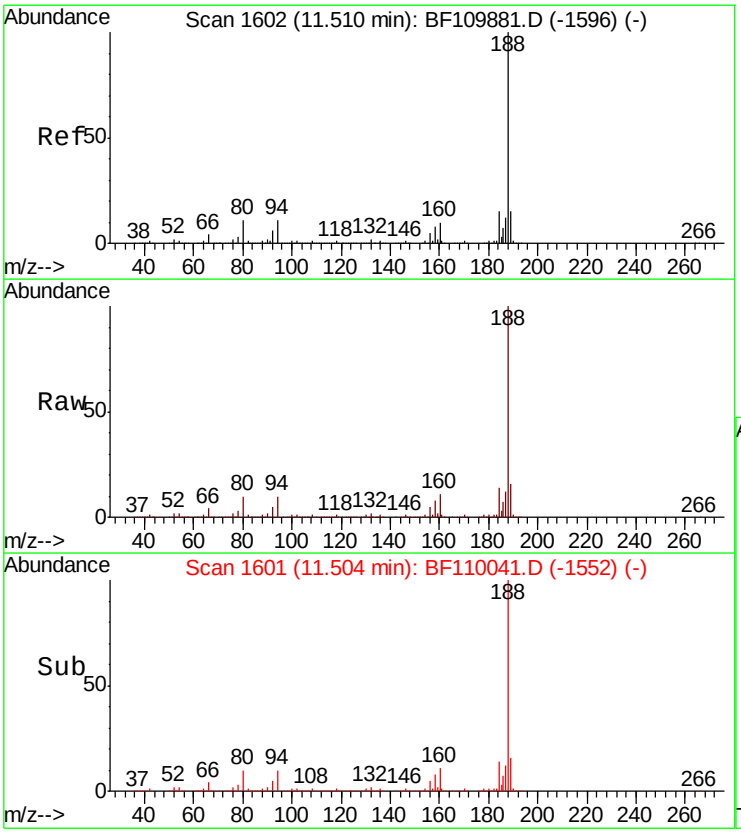

#63
Azobenzene
Concen: 40.358 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion: 77 Resp: 975436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 29.6 | 4.3 | 44.3 |
| 105 | 23.1 | 1.3 | 41.3 |
| 51 | 30.4 | 9.0 | 49.0 |

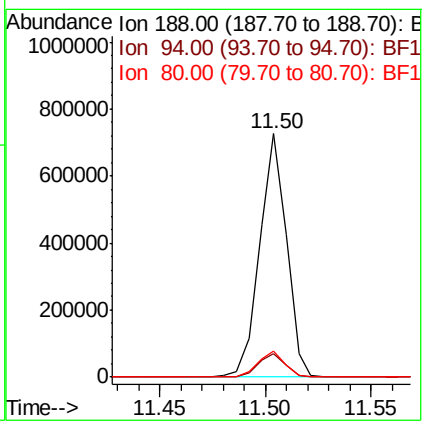


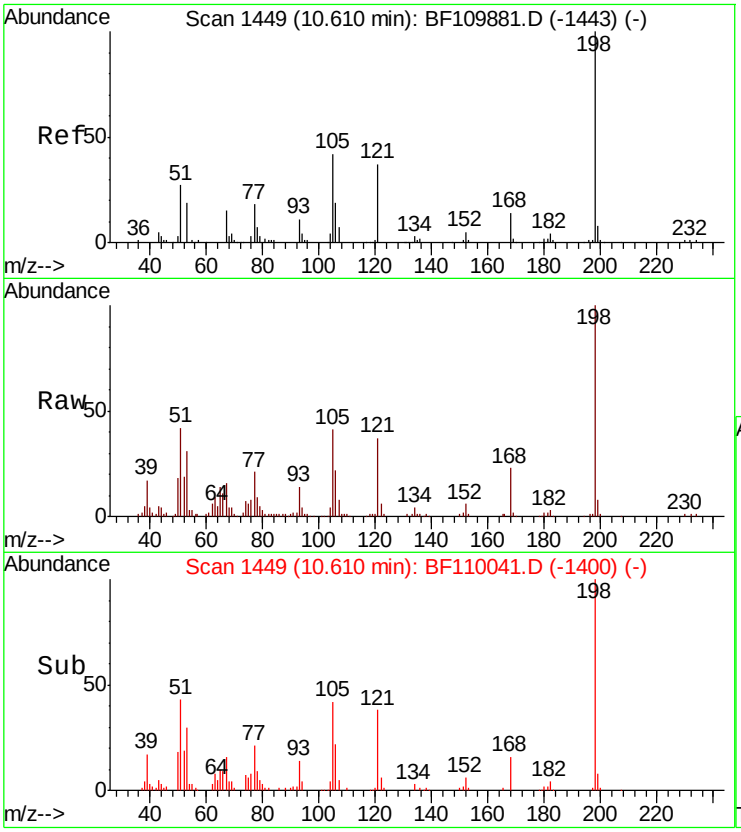




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:188 Resp: 642839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 7.2 | 10.8 |
| 80 | 10.5 | 7.9 | 11.9 |



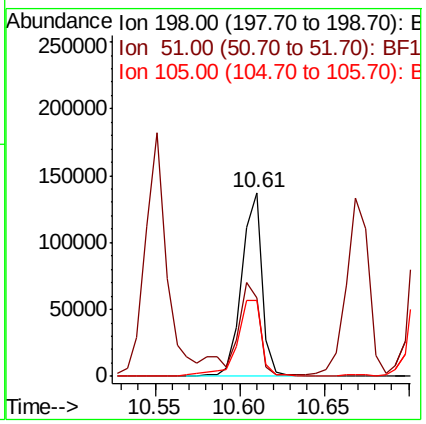


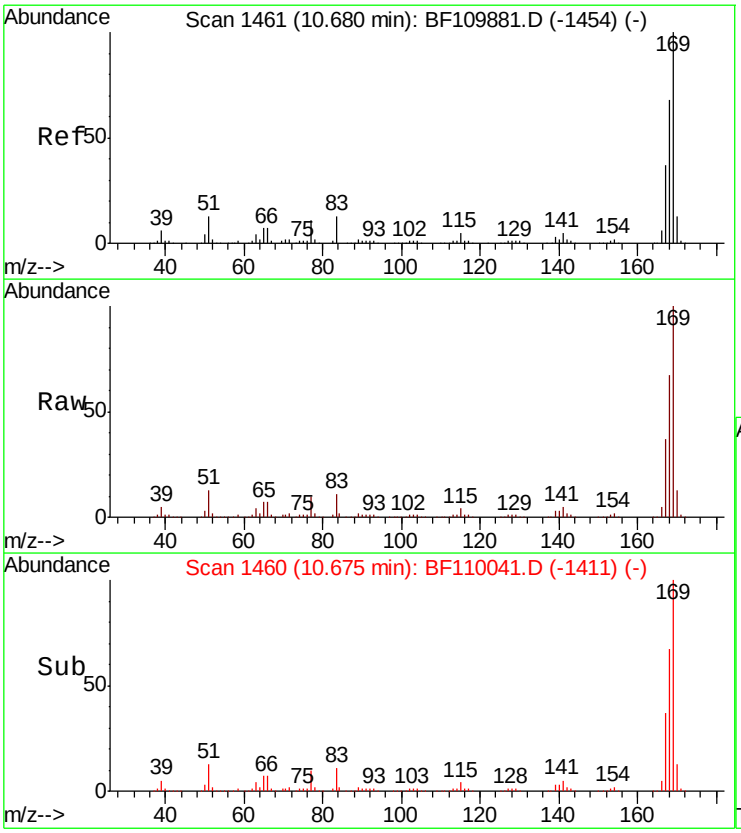

#65
4,6-Dinitro-2-methylphenol
Concen: 49.313 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:198 Resp: 115446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.4 | 22.8 | 62.8 |
| 105 | 41.4 | 23.6 | 63.6 |

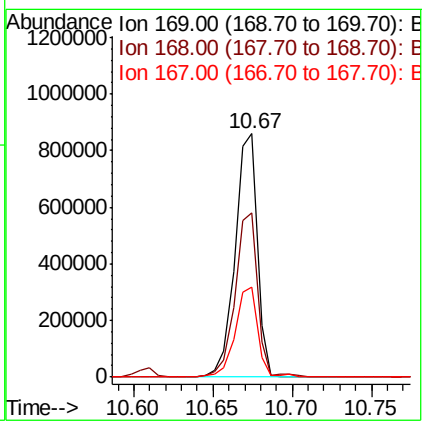


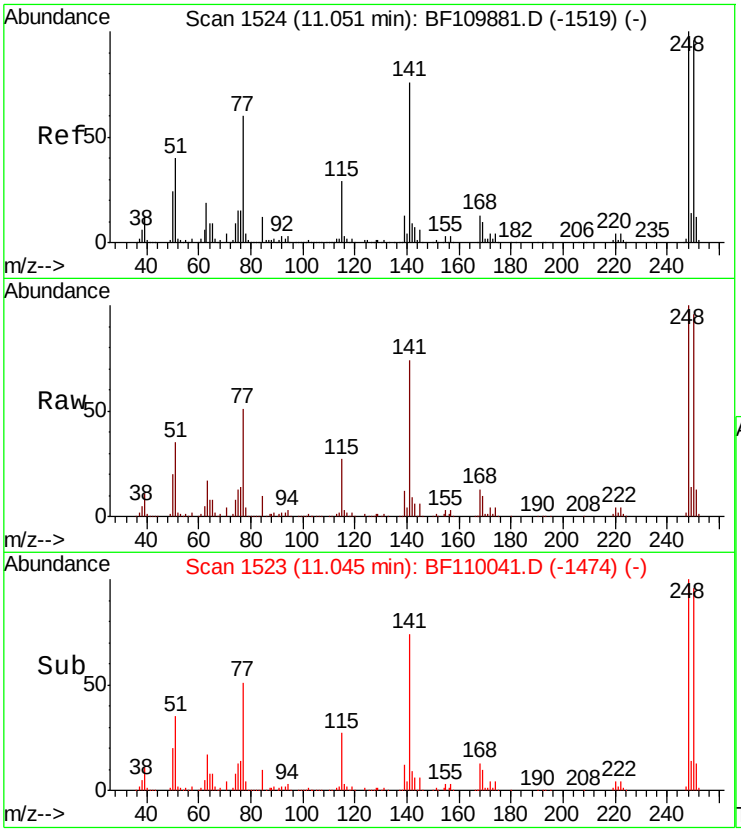




#66
n-Nitrosodiphenylamine
Concen: 39.078 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:169 Resp: 836672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.5 | 51.2 | 76.8 |
| 167 | 36.9 | 27.8 | 41.6 |



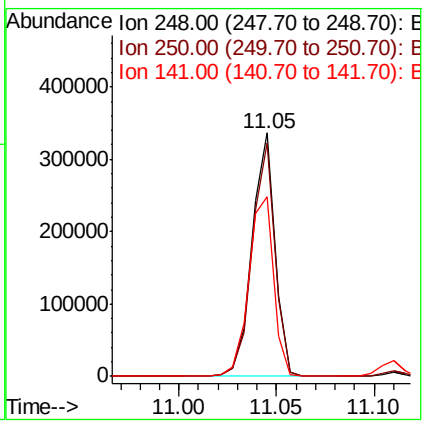


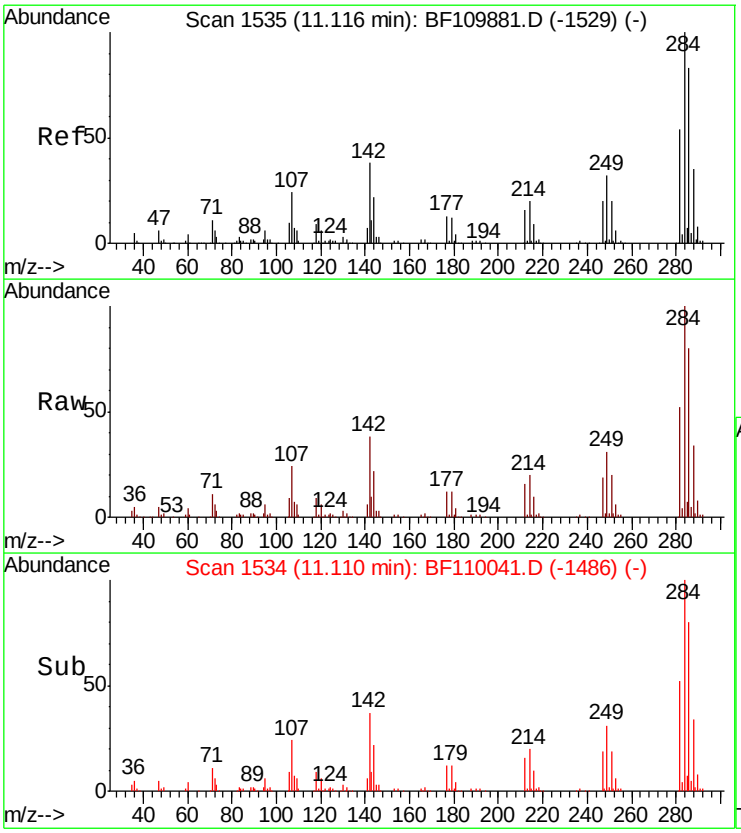

#67
4-Bromophenyl-phenylether
Concen: 39.393 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:248 Resp: 274441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.7 | 79.4 | 119.2 |
| 141 | 73.6 | 55.9 | 83.9 |

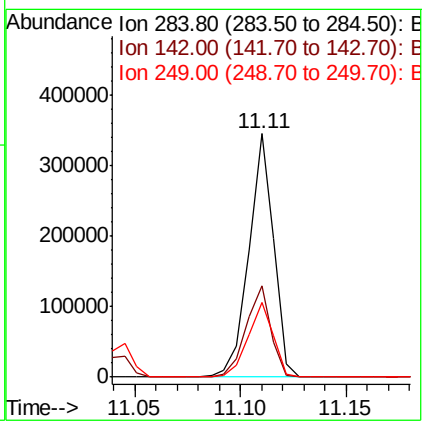


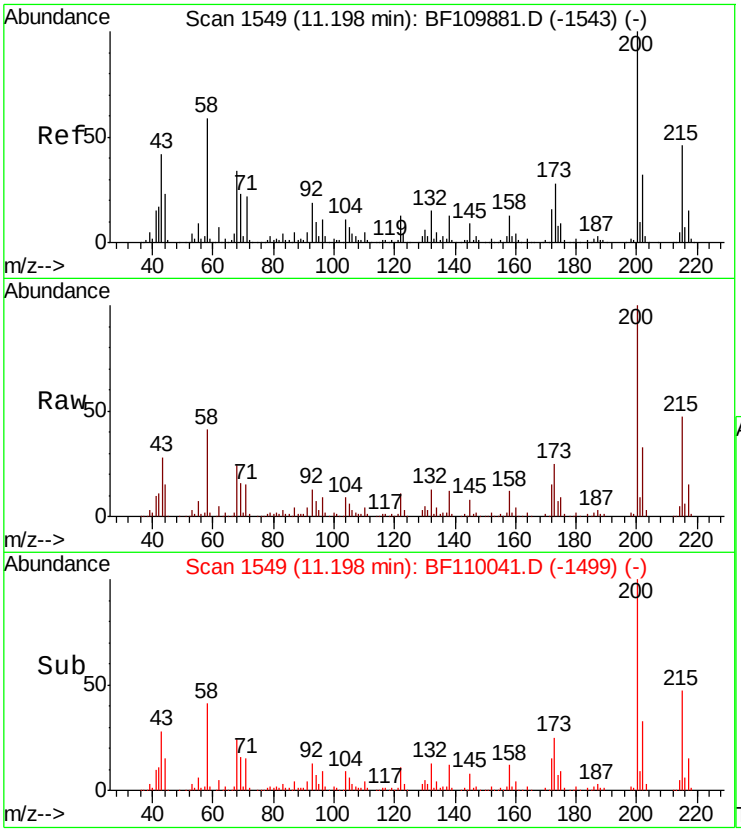




#68
Hexachlorobenzene
Concen: 37.916 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:284 Resp: 281681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 37.6 | 23.9 | 35.9# |
| 249 | 30.6 | 24.2 | 36.2 |



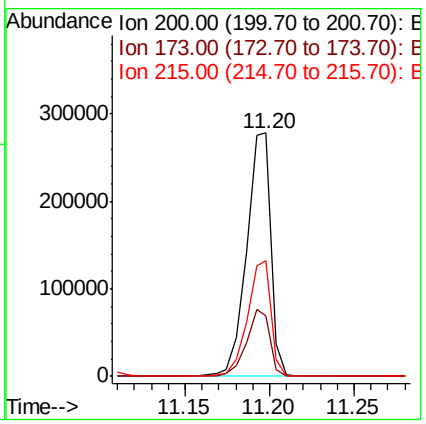


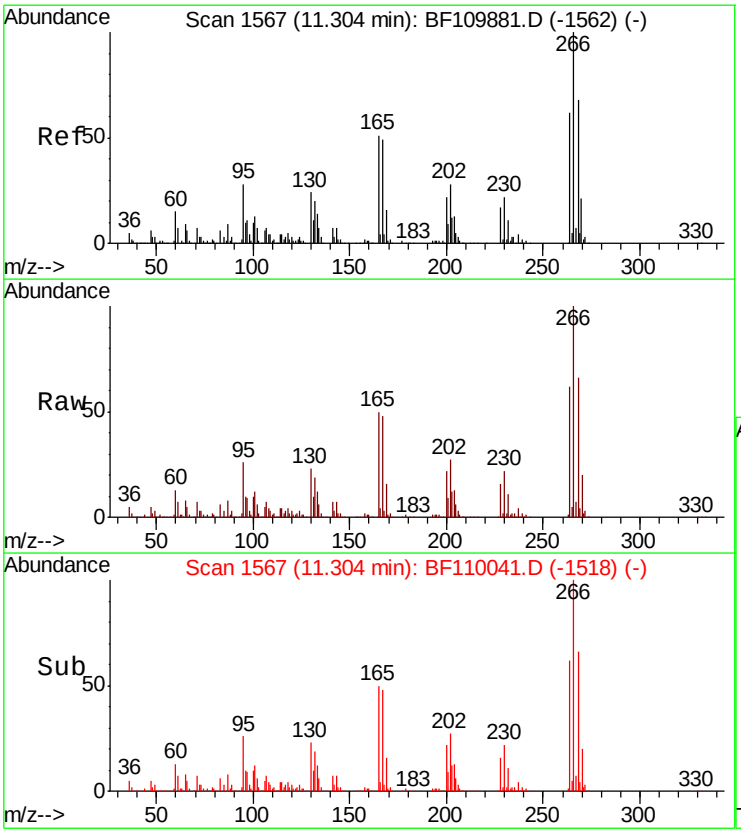

#69
Atrazine
Concen: 41.824 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:200 Resp: 279714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.7 | 6.6 | 46.6 |
| 215 | 47.4 | 26.3 | 66.3 |

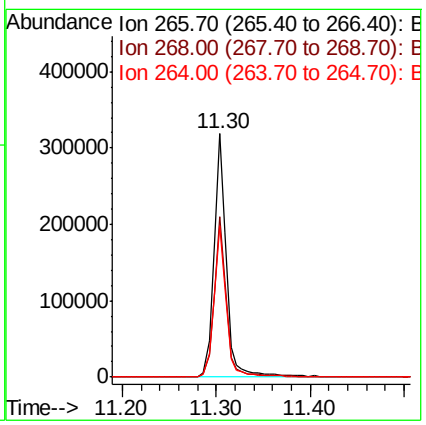


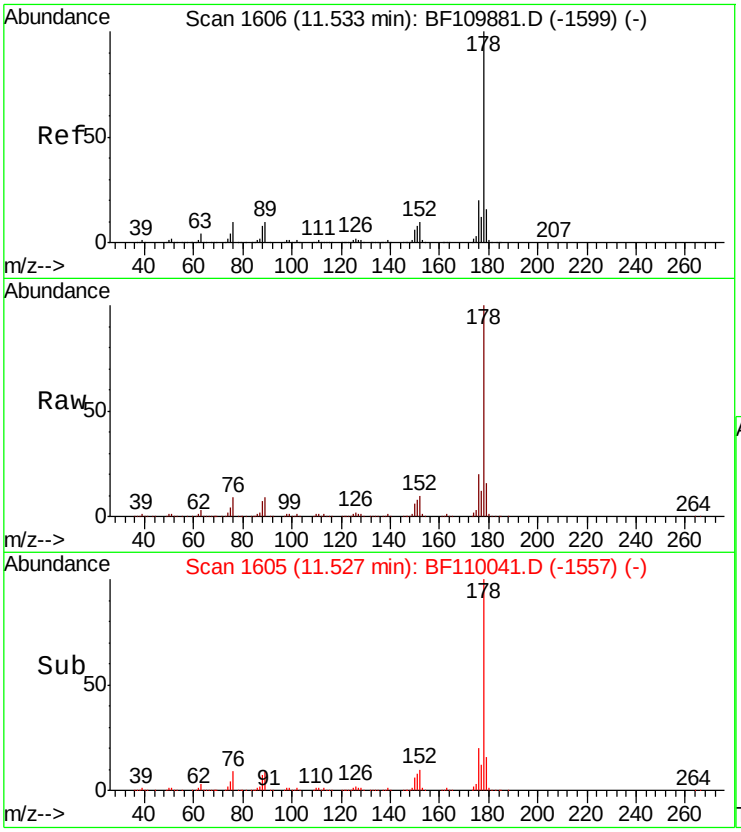




#70
Pentachlorophenol
Concen: 71.294 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:266 Resp: 301424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.6 | 50.6 | 75.8 |
| 264 | 62.2 | 50.6 | 75.8 |



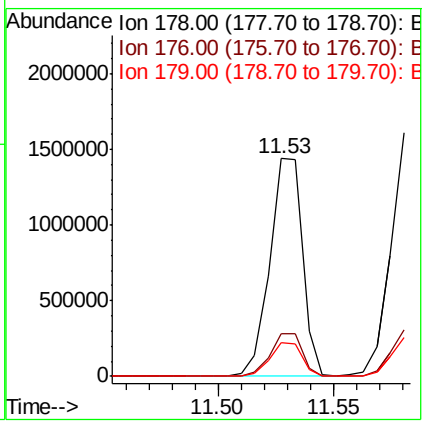


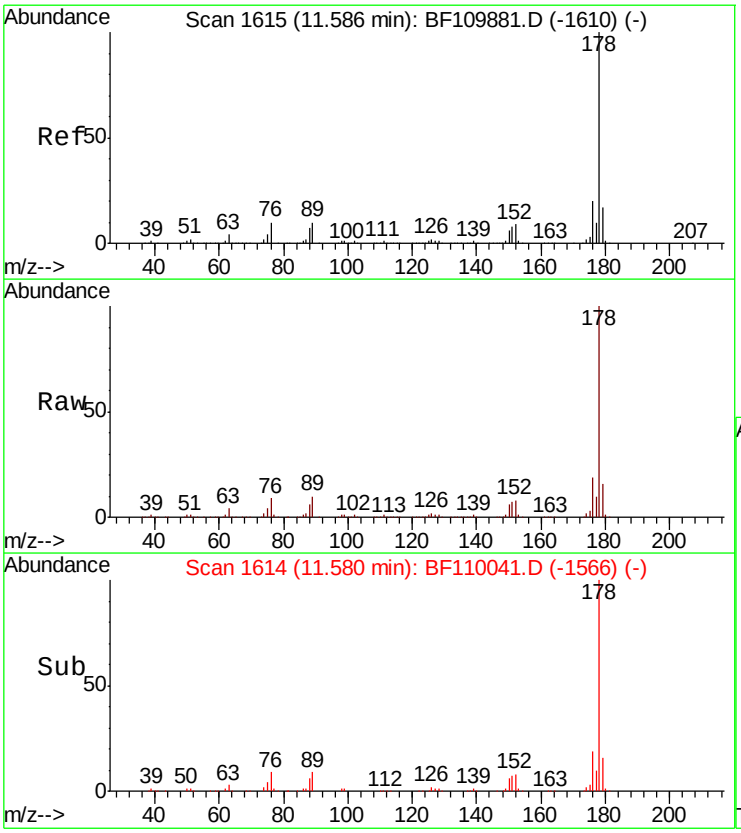

#71
Phenanthrene
Concen: 42.525 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:178 Resp: 1415241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.5 | 23.3 |
| 179 | 15.7 | 12.5 | 18.7 |

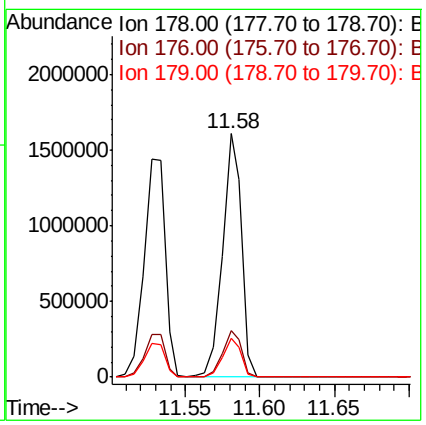


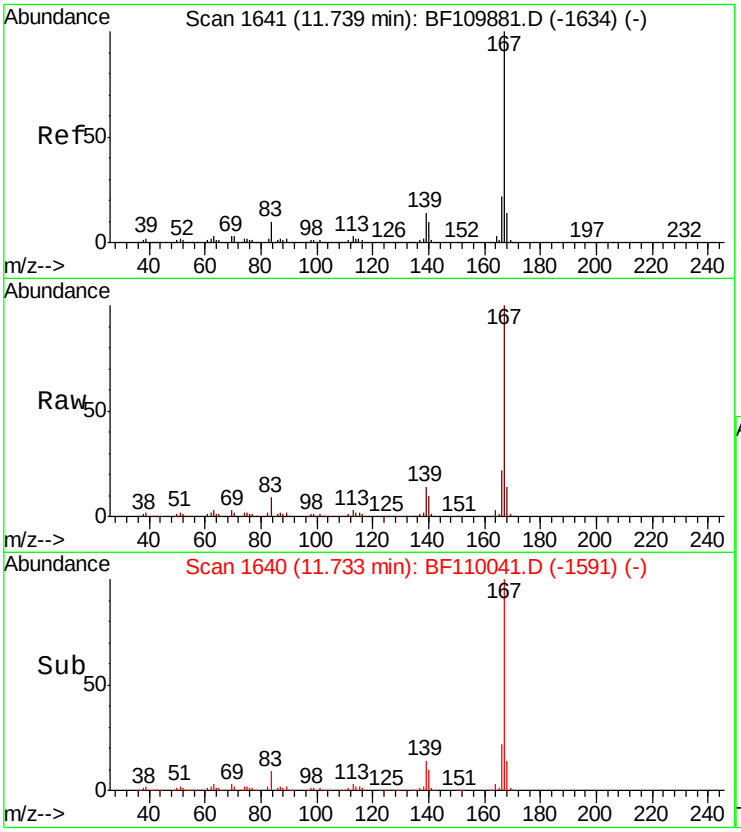




#72
Anthracene
Concen: 43.255 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:178 Resp: 1447240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.4 | 23.2 |
| 179 | 16.1 | 12.6 | 18.8 |



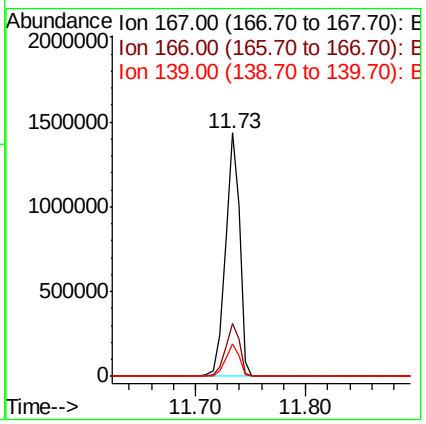


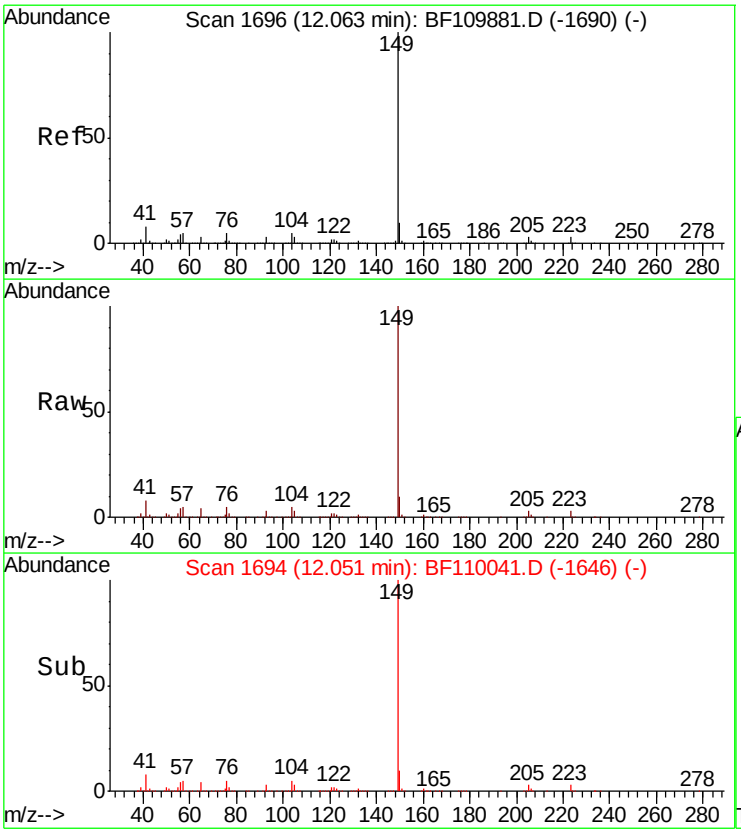

#73
Carbazole
Concen: 39.189 ng
RT: 11.73 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:167 Resp: 1288647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.4 | 26.0 |
| 139 | 13.5 | 10.9 | 16.3 |

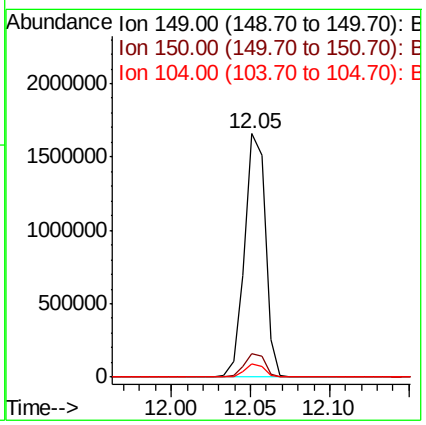


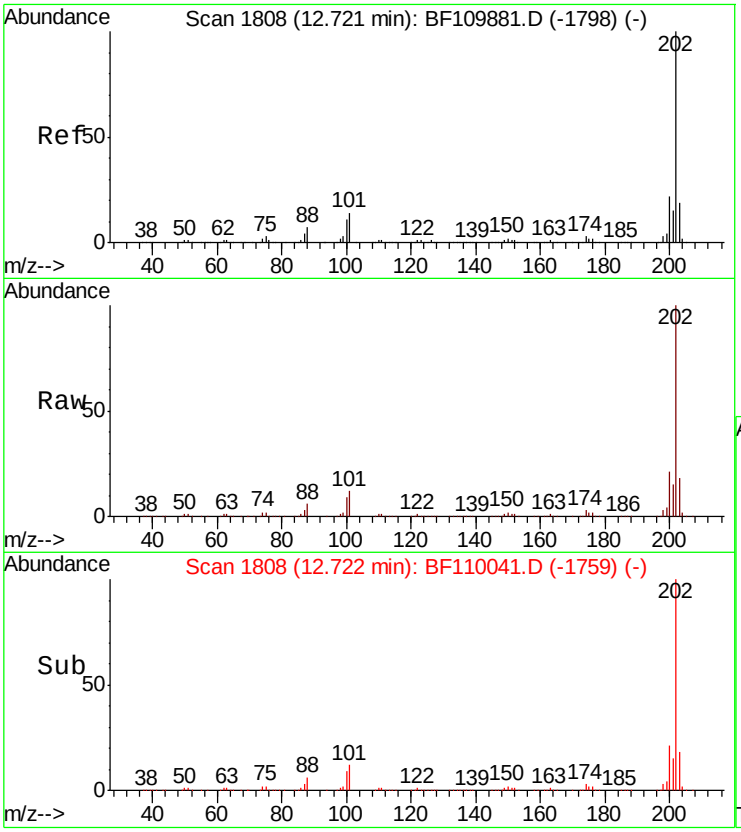




#74
Di-n-butylphthalate
Concen: 40.866 ng
RT: 12.05 min Scan# 1694
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:149 Resp: 1499711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.8 | 7.7 | 11.5 |
| 104 | 5.3 | 4.2 | 6.4 |



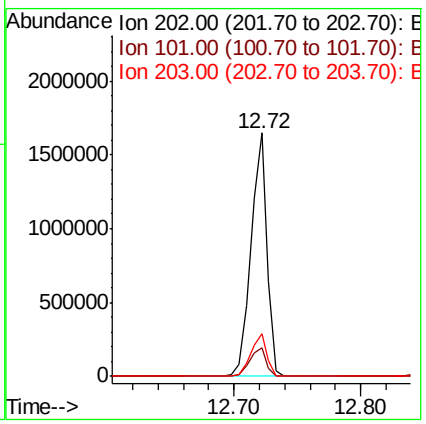


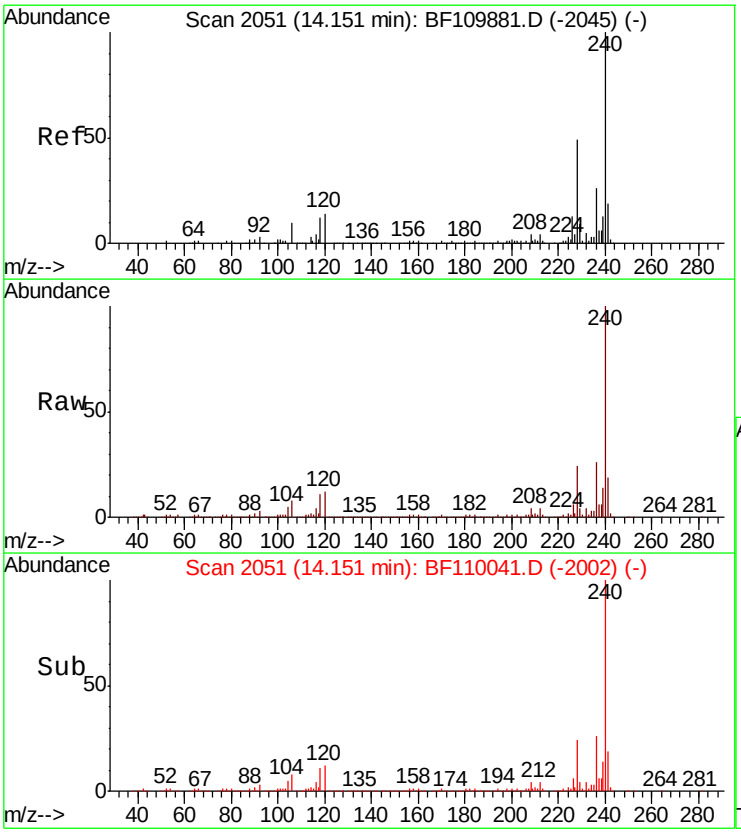

#75
Fluoranthene
Concen: 43.813 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:202 Resp: 1456634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.7 | 0.0 | 31.4 |
| 203 | 17.7 | 0.0 | 37.7 |

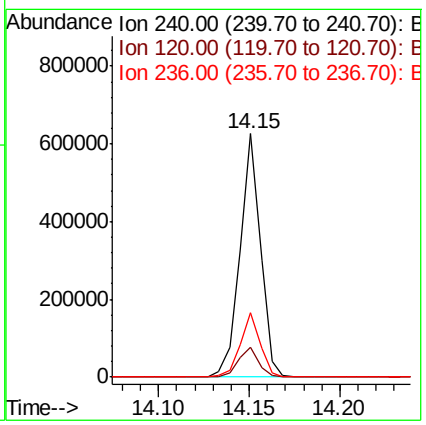


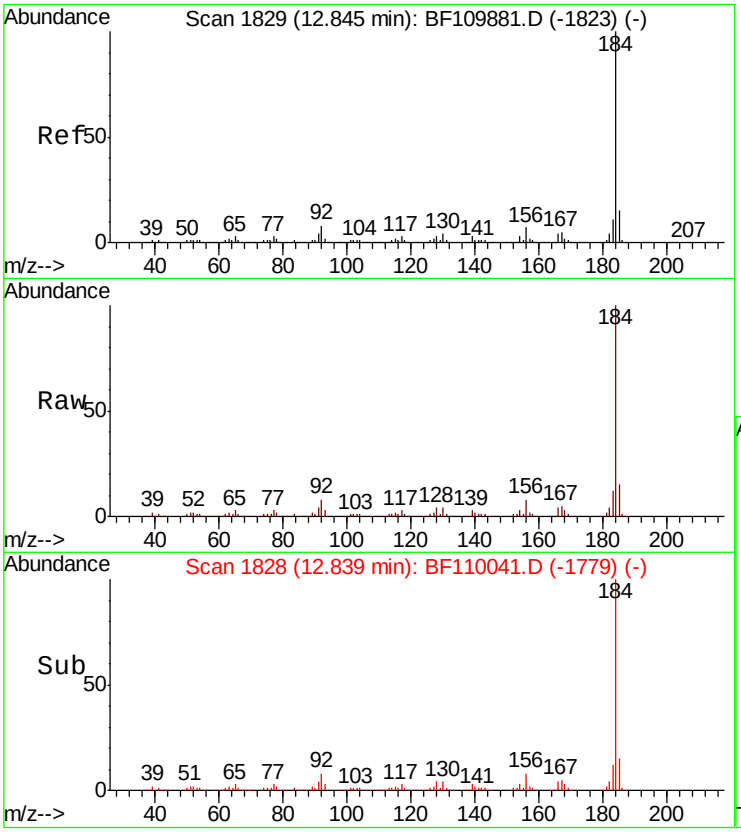




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:240 Resp: 490604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.1 | 8.3 | 12.5 |
| 236 | 26.3 | 21.2 | 31.8 |



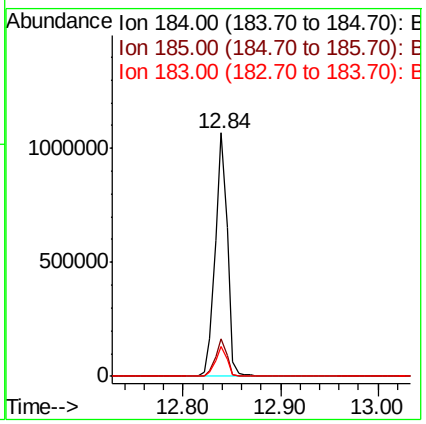


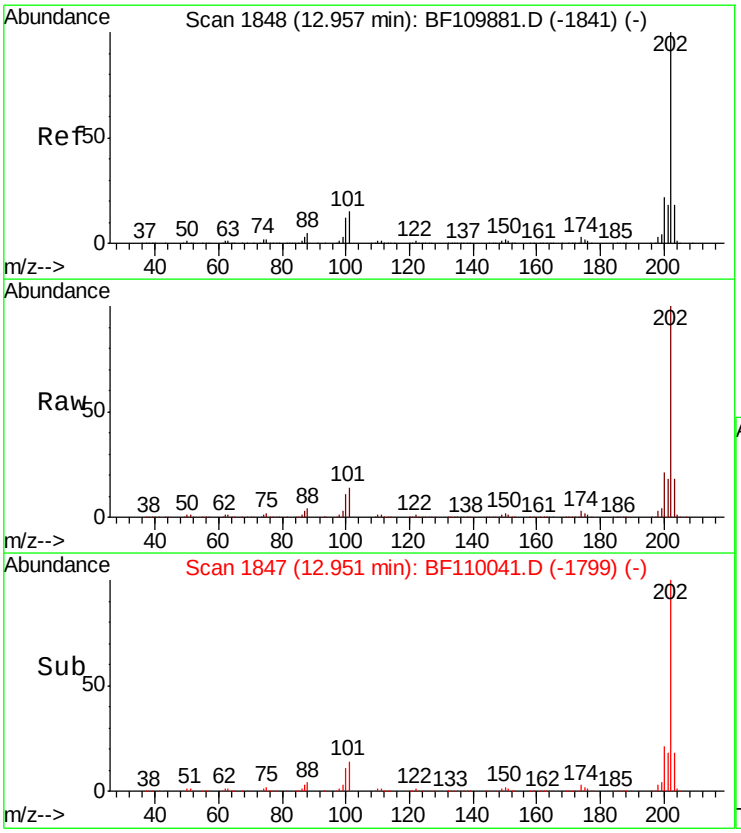

#77
Benzidine
Concen: 48.895 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:184 Resp: 919735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.2 | 13.4 | 20.2 |
| 183 | 12.3 | 9.4 | 14.2 |

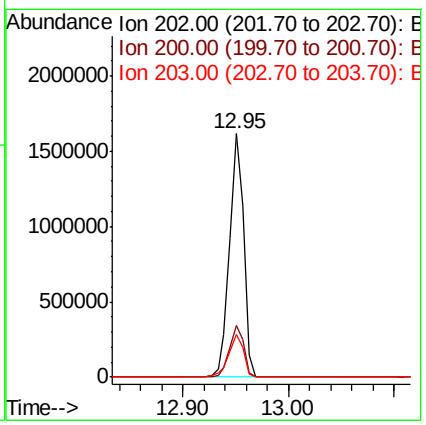


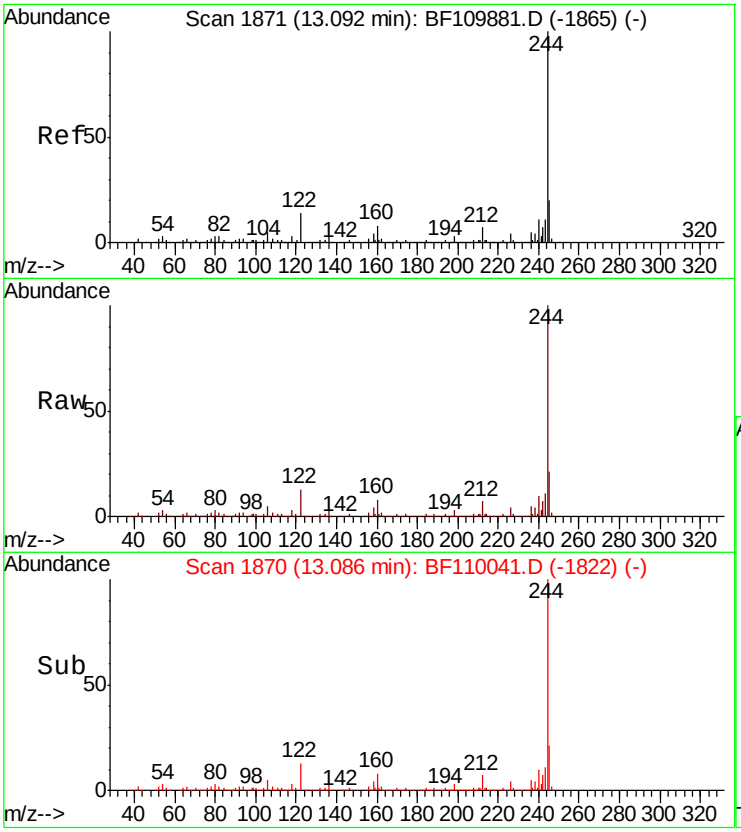




#78
Pyrene
Concen: 41.140 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:202 Resp: 1482423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.8 | 26.6 |
| 203 | 17.7 | 14.2 | 21.4 |



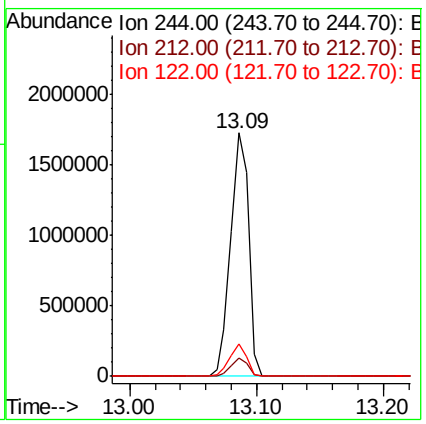


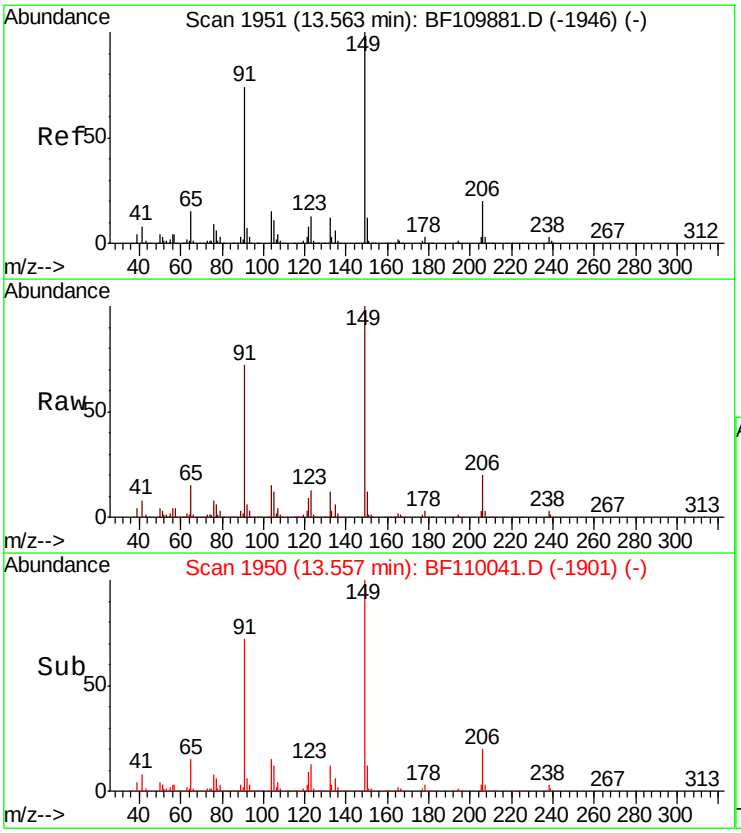

#79
Terphenyl-d14
Concen: 71.807 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:244 Resp: 1677614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.8 | 8.8 |
| 122 | 13.4 | 8.7 | 13.1# |

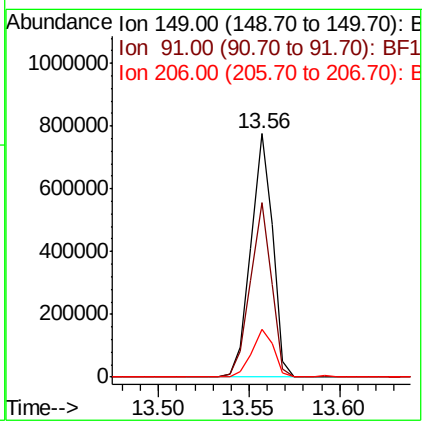


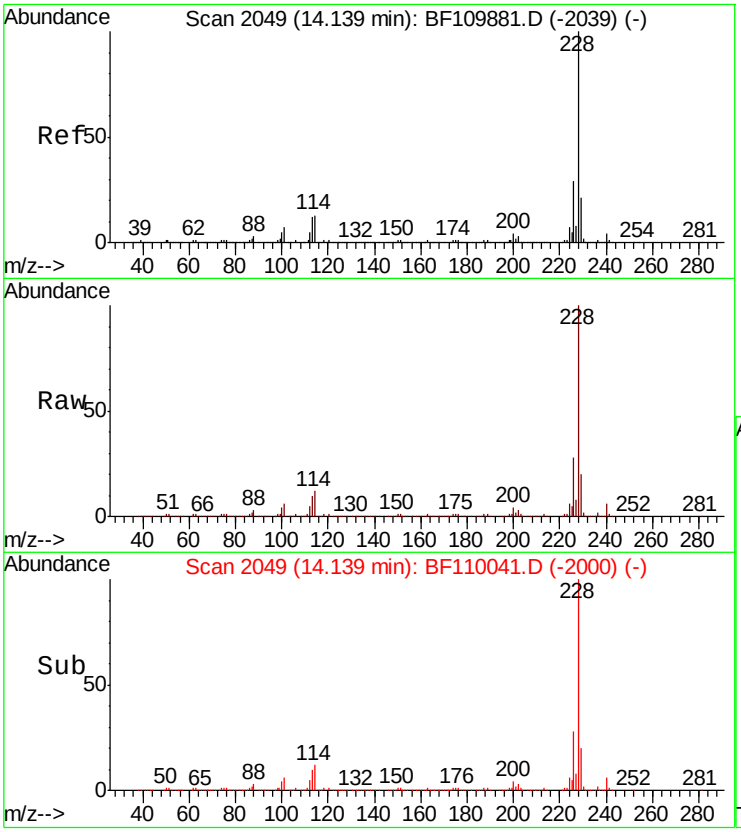




#80
Butylbenzylphthalate
Concen: 44.329 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:149 Resp: 645778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.7 | 57.2 | 85.8 |
| 206 | 19.6 | 15.7 | 23.5 |



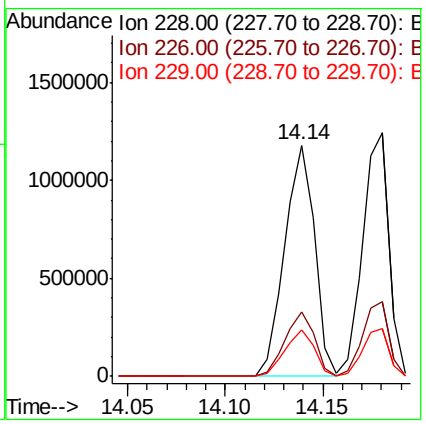


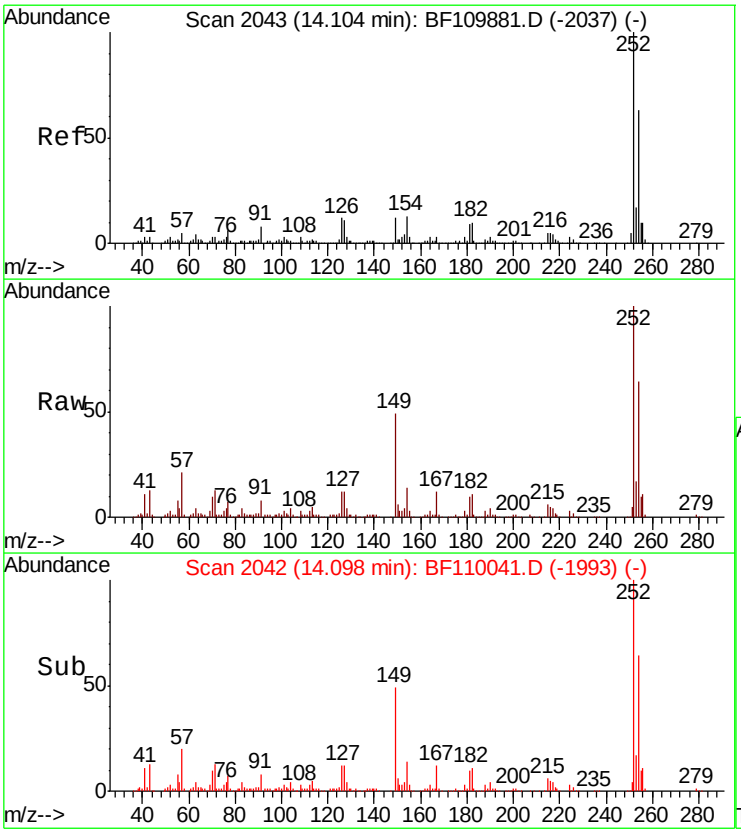

#81
Benzo(a)anthracene
Concen: 43.520 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:228 Resp: 1257636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 22.1 | 33.1 |
| 229 | 20.2 | 15.6 | 23.4 |

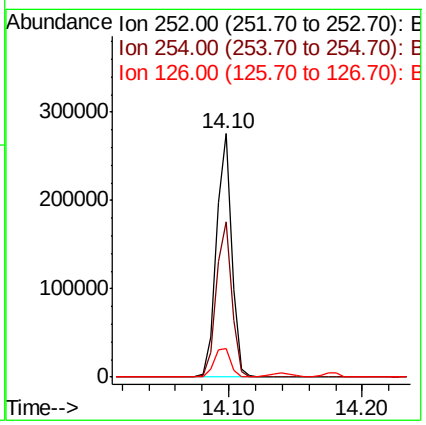


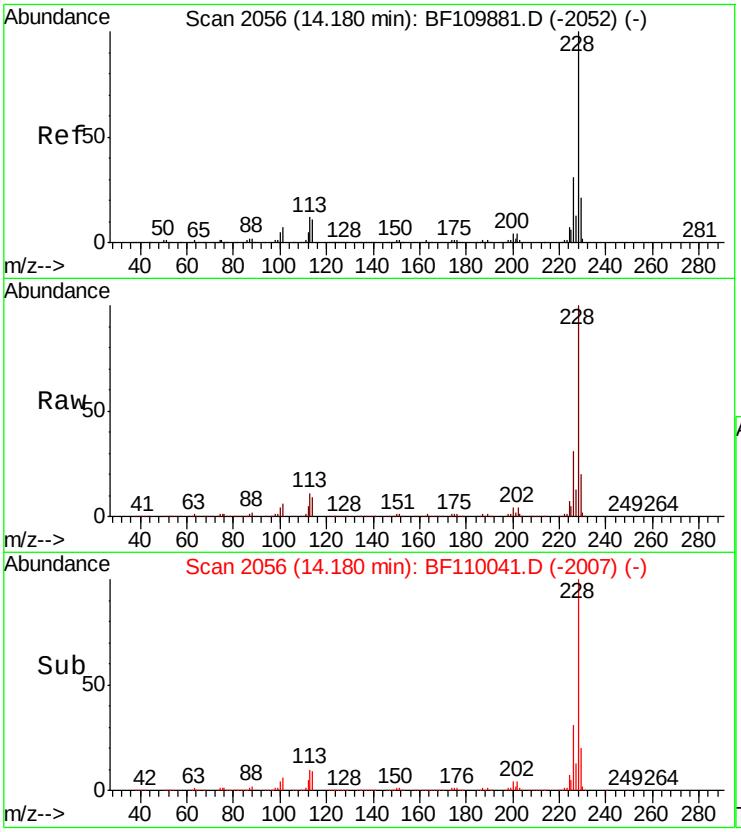




#82
3,3'-Dichlorobenzidine
Concen: 22.170 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:252 Resp: 224603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.9 | 51.3 | 76.9 |
| 126 | 11.8 | 9.4 | 14.2 |



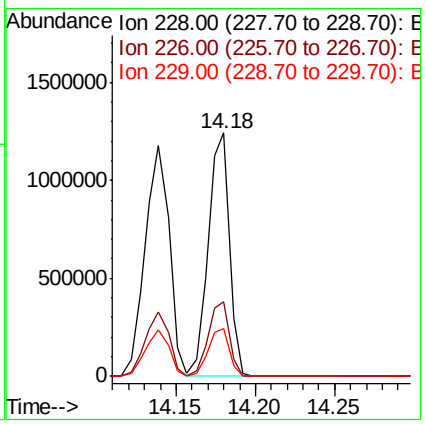


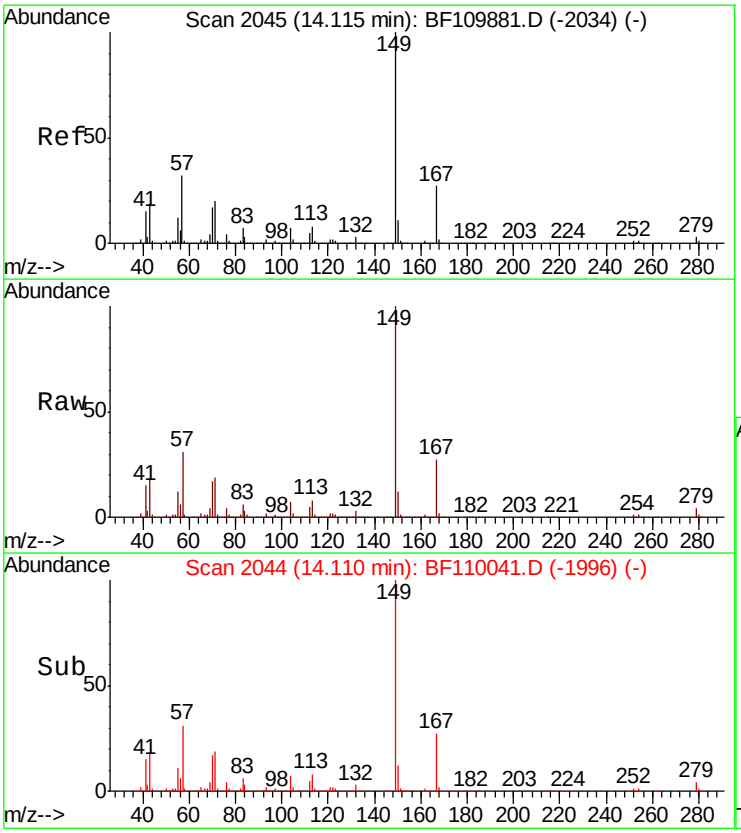

#83
Chrysene
Concen: 41.991 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:228 Resp: 1155030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 24.7 | 37.1 |
| 229 | 19.6 | 15.9 | 23.9 |

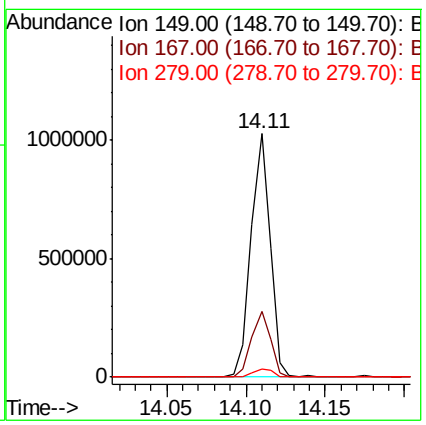


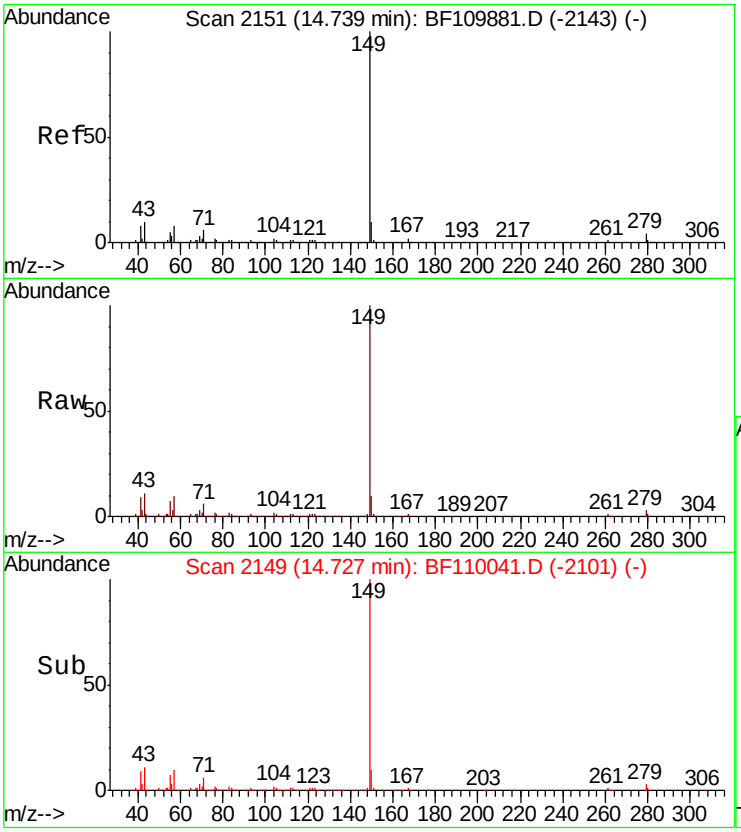




#84
Bis(2-ethylhexyl)phthalate
Concen: 44.915 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:149 Resp: 860965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.0 | 19.8 | 29.8 |
| 279 | 3.6 | 2.7 | 4.1 |



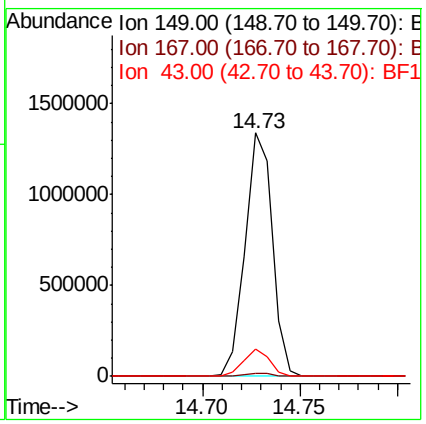


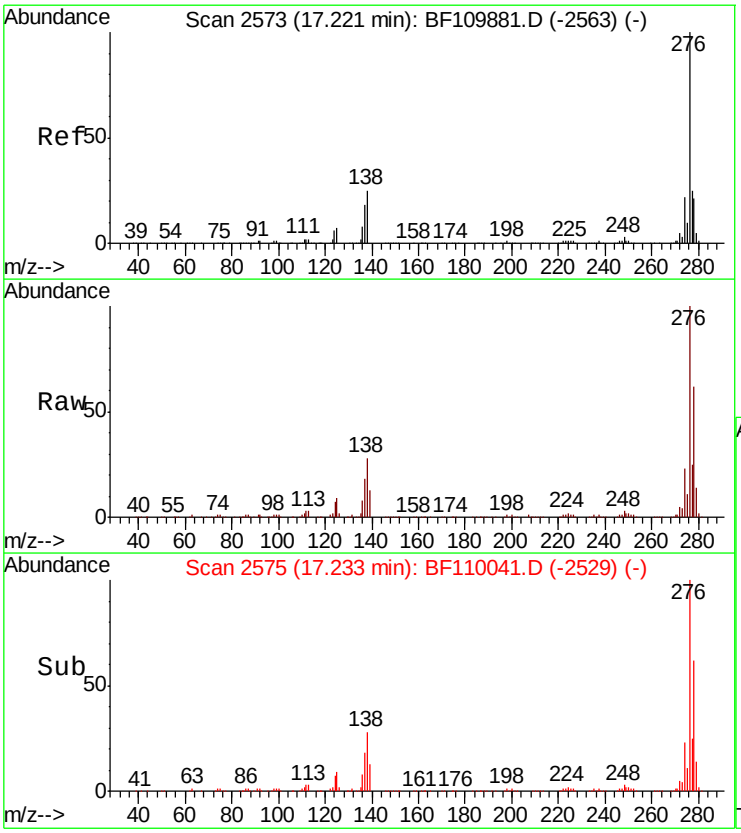

#85
Di-n-octyl phthalate
Concen: 47.975 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:149 Resp: 1296520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 10.5 | 7.8 | 11.8 |

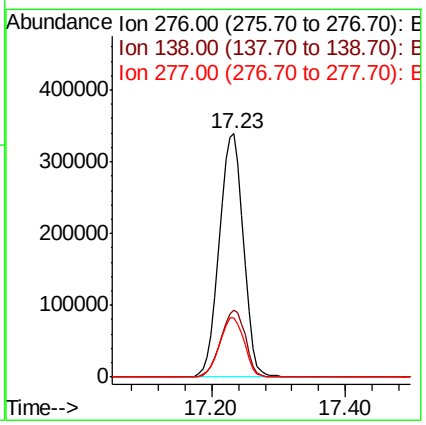


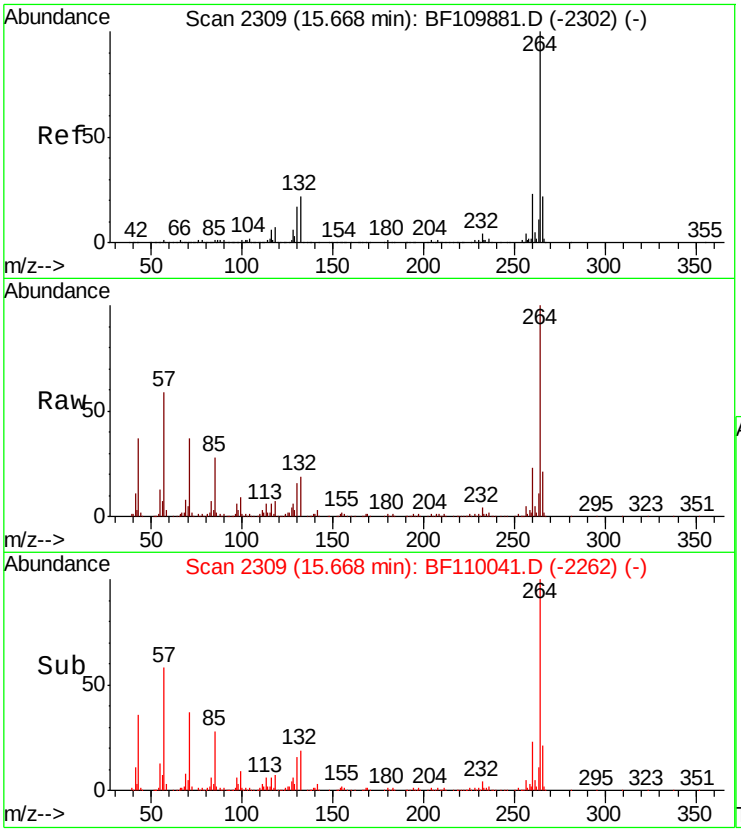




#86
Indeno(1,2,3-cd)pyrene
Concen: 39.272 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:276 Resp: 869749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.2 | 18.5 | 27.7# |
| 277 | 25.1 | 20.0 | 30.0 |



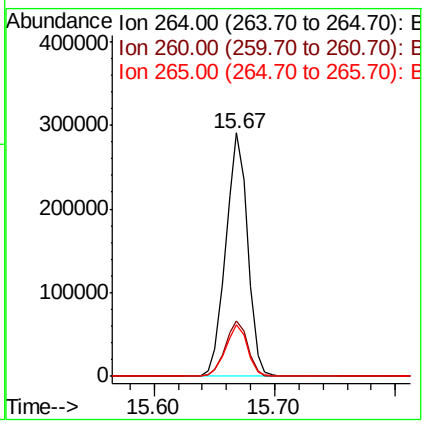


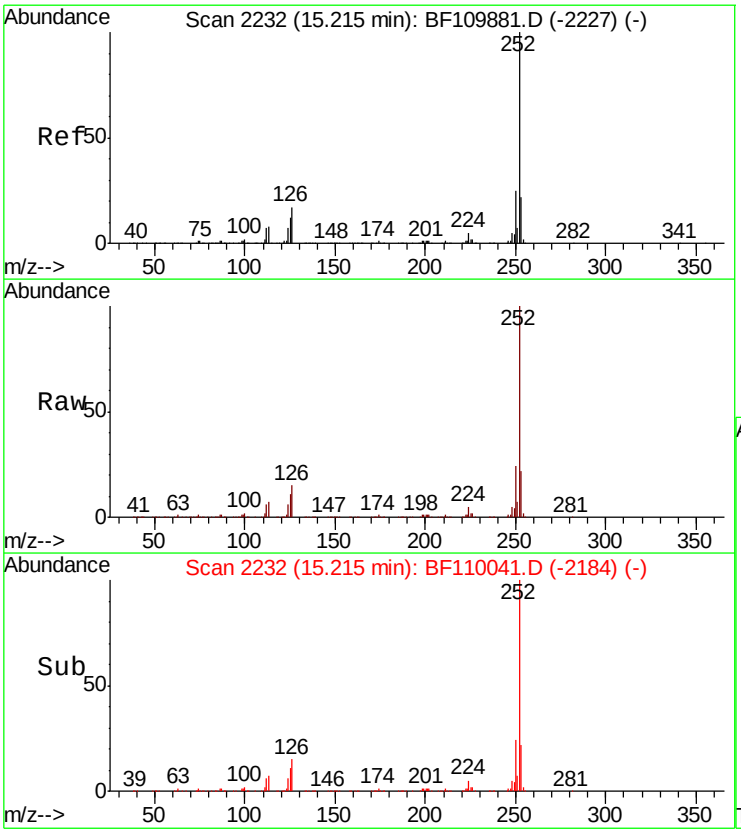

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:264 Resp: 365343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.8 | 18.7 | 28.1 |
| 265 | 21.4 | 16.7 | 25.1 |

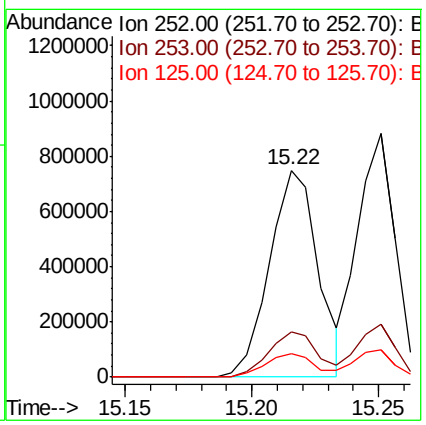


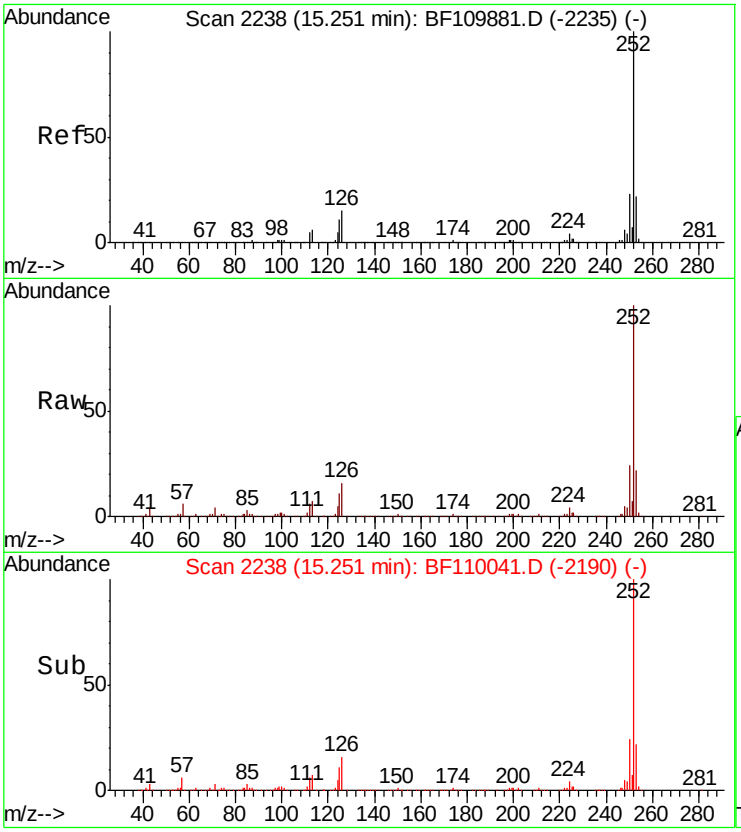




#88
Benzo(b)fluoranthene
Concen: 47.603 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:252 Resp: 1002644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.2 | 25.8 |
| 125 | 11.2 | 8.2 | 12.4 |



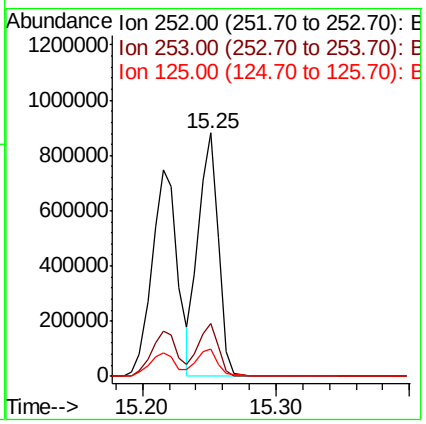


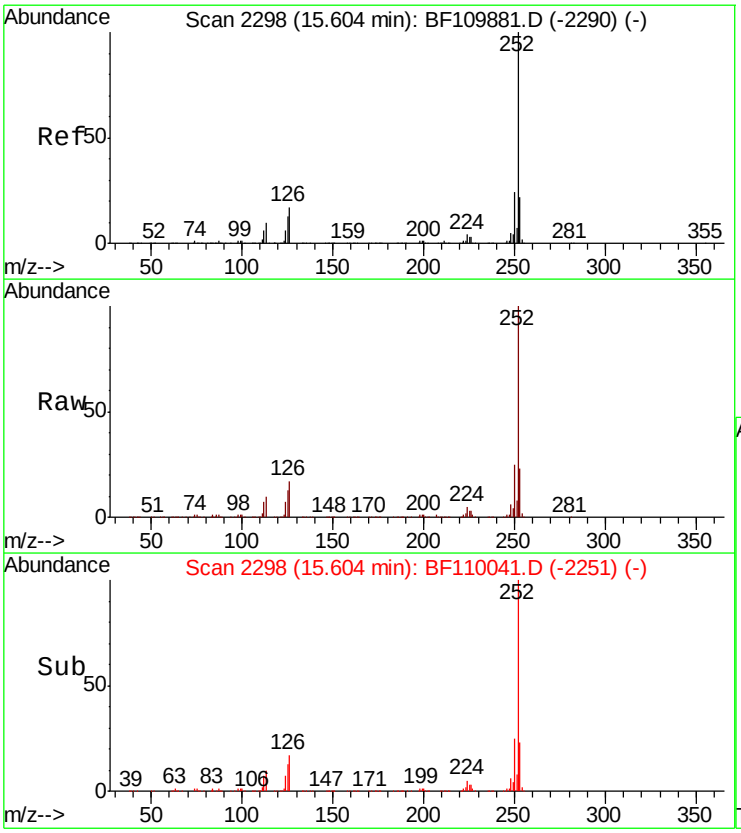

#89
Benzo(k)fluoranthene
Concen: 43.815 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:252 Resp: 909626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.2 | 25.8 |
| 125 | 11.0 | 7.4 | 11.0 |

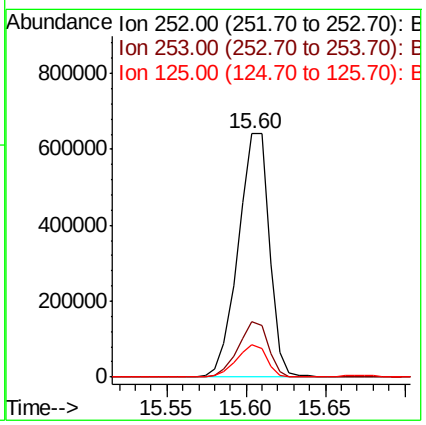


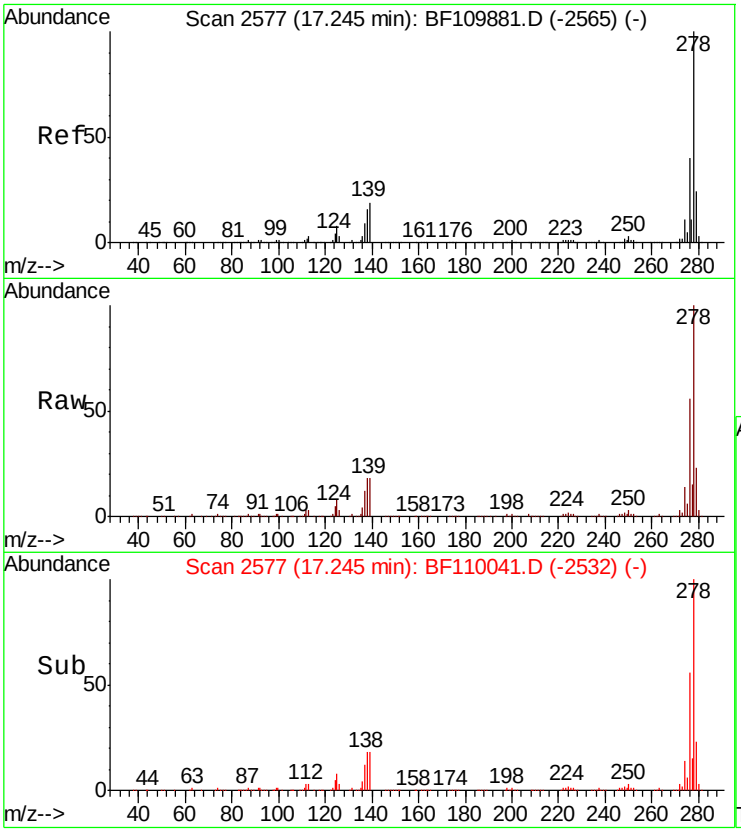




#90
Benzo(a)pyrene
Concen: 45.383 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:252 Resp: 879153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.2 | 27.4 |
| 125 | 13.3 | 9.0 | 13.6 |



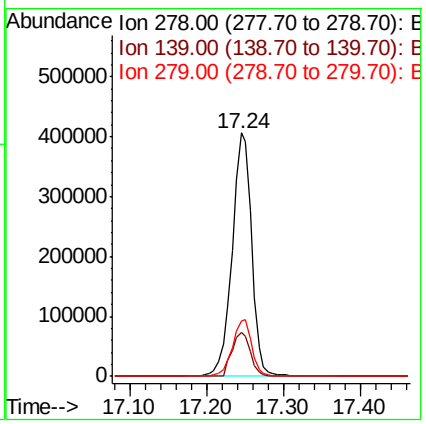


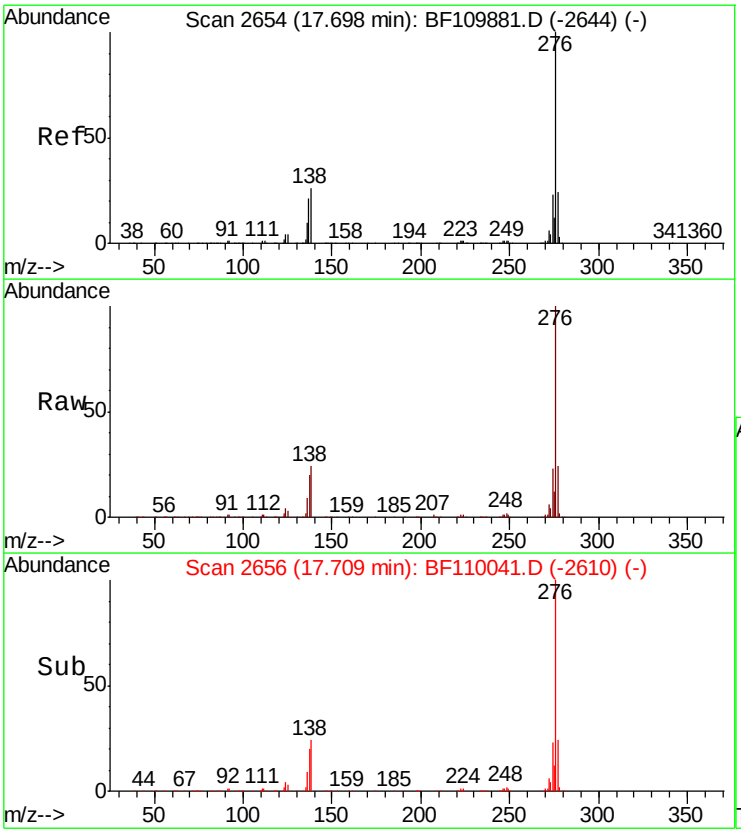

#91
Dibenzo(a,h)anthracene
Concen: 42.066 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.04 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

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

Tgt Ion:278 Resp: 722182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.1 | 12.7 | 19.1 |
| 279 | 23.0 | 19.0 | 28.4 |




#92
Benzo(g,h,i)perylene
Concen: 41.175 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110041.D
Acq: 22 Oct 2018 11:32

Tgt Ion:276 Resp: 714205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 18.8 | 28.2 |
| 138 | 24.0 | 16.0 | 24.0 |