Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111715.D
Acq On : 26 Dec 2018 14:50
Operator : JU/SJ
Sample : J6525-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** S-1(5)MS

Quant Time: Dec 26 15:25:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 26 13:36:07 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 159852 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.19 | 136 | 613257 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.94 | 164 | 307403 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.42 | 188 | 574880 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.06 | 240 | 450020 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.54 | 264 | 417869 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 739503 | 78.85 | ng | | 0.00 |
| 7) Phenol-d6 | 6.54 | 99 | 955250 | 80.04 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.46 | 82 | 600725 | 57.02 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.73 | 330 | 292265 | 80.46 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.26 | 172 | 1127172 | 53.45 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.00 | 244 | 1152052 | 48.55 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.71 | 88 | 90592 | 20.532 | ng | | 97 |
| 3) Pyridine | 3.49 | 79 | 245957 | 21.397 | ng | | 96 |
| 4) n-Nitrosodimethylamine | 3.41 | 42 | 154687 | 27.496 | ng | | 80 |
| 6) Aniline | 6.56 | 93 | 211722 | 13.917 | ng | # | 63 |
| 8) 2-Chlorophenol | 6.69 | 128 | 280044 | 26.957 | ng | | 95 |
| 9) Benzaldehyde | 6.45 | 77 | 136918 | 16.680 | ng | | 95 |
| 10) Phenol | 6.55 | 94 | 383455 | 28.475 | ng | | 95 |
| 11) bis(2-Chloroethyl)ether | 6.63 | 93 | 263629 | 26.125 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.85 | 146 | 313136 | 26.010 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.92 | 146 | 313794 | 25.700 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.07 | 146 | 300498 | 26.379 | ng | | 96 |
| 15) Benzyl Alcohol | 7.04 | 79 | 250044 | 26.379 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45 | 446106 | 24.003 | ng | | 99 |
| 17) 2-Methylphenol | 7.16 | 107 | 221280 | 26.601 | ng | | 95 |
| 18) Hexachloroethane | 7.42 | 117 | 103410 | 25.133 | ng | # | 88 |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70 | 196687 | 24.815 | ng | | 92 |
| 20) 3+4-Methylphenols | 7.30 | 107 | 274904 | 26.154 | ng | # | 76 |
| 22) Acetophenone | 7.30 | 105 | 379009 | 24.395 | ng | # | 95 |
| 24) Nitrobenzene | 7.47 | 77 | 296931 | 26.890 | ng | | 96 |
| 25) Isophorone | 7.72 | 82 | 520629 | 27.835 | ng | | 98 |
| 26) 2-Nitrophenol | 7.80 | 139 | 138428 | 30.910 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.83 | 122 | 235995 | 26.732 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93 | 326945 | 26.268 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.04 | 162 | 248838 | 26.206 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.13 | 180 | 267338 | 25.265 | ng | | 96 |
| 31) Naphthalene | 8.20 | 128 | 815400 | 27.672 | ng | | 97 |
| 32) Benzoic acid | 7.92 | 122 | 93114 | 15.952 | ng | | 91 |
| 33) 4-Chloroaniline | 8.25 | 127 | 158709 | 12.462 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.33 | 225 | 154923 | 24.023 | ng | | 98 |
| 35) Caprolactam | 8.59 | 113 | 73742 | 22.918 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 8.73 | 107 | 243182 | 26.053 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.90 | 142 | 550554 | 28.718 | ng | | 100 |
| 38) 1-Methylnaphthalene | 9.00 | 142 | 521684 | 28.334 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 270000 | 26.729 | ng | # | 96 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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Acq On : 26 Dec 2018 14:50
Operator : JU/SJ
Sample : J6525-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** S-1(5)MS

Quant Time: Dec 26 15:25:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 26 13:36:07 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.05 | 237 | 186209 | 37.988 ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.17 | 196 | 180043 | 26.696 ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.22 | 196 | 188927 | 27.307 ng | | 92 |
| 46) 1,1'-Biphenyl | 9.36 | 154 | 687714 | 26.502 ng | | 95 |
| 47) 2-Chloronaphthalene | 9.39 | 162 | 534687 | 26.007 ng | | 93 |
| 48) 2-Nitroaniline | 9.47 | 65 | 160524 | 30.013 ng | | 94 |
| 49) Acenaphthylene | 9.80 | 152 | 839709 | 27.973 ng | | 95 |
| 50) Dimethylphthalate | 9.65 | 163 | 824507 | 36.678 ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.71 | 165 | 134744 | 30.061 ng | # | 86 |
| 52) Acenaphthene | 9.97 | 154 | 496505 | 26.818 ng | | 98 |
| 53) 3-Nitroaniline | 9.88 | 138 | 98846 | 20.677 ng | | 97 |
| 54) 2,4-Dinitrophenol | 9.99 | 184 | 38251 | 31.469 ng | # | 88 |
| 55) Dibenzofuran | 10.15 | 168 | 747680 | 26.731 ng | | 93 |
| 56) 4-Nitrophenol | 10.05 | 139 | 205559 | 56.345 ng | | 90 |
| 57) 2,4-Dinitrotoluene | 10.12 | 165 | 177190 | 32.891 ng | | 98 |
| 58) Fluorene | 10.49 | 166 | 576177 | 28.587 ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.26 | 232 | 159134 | 27.331 ng | | 90 |
| 60) Diethylphthalate | 10.35 | 149 | 625969 | 28.387 ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204 | 289480 | 25.996 ng | | 94 |
| 62) 4-Nitroaniline | 10.49 | 138 | 121066 | 26.057 ng | | 94 |
| 63) Azobenzene | 10.63 | 77 | 563133 | 25.438 ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198 | 39030 | 20.830 ng | | 87 |
| 66) n-Nitrosodiphenylamine | 10.59 | 169 | 511109 | 26.486 ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.97 | 248 | 180970 | 25.380 ng | # | 89 |
| 68) Hexachlorobenzene | 11.04 | 284 | 200889 | 25.268 ng | | 95 |
| 69) Atrazine | 11.12 | 200 | 178308 | 26.597 ng | | 97 |
| 70) Pentachlorophenol | 11.23 | 266 | 208169 | 42.354 ng | | 98 |
| 71) Phenanthrene | 11.45 | 178 | 859009 | 28.175 ng | | 94 |
| 72) Anthracene | 11.50 | 178 | 864930 | 28.264 ng | | 95 |
| 73) Carbazole | 11.65 | 167 | 755513 | 25.429 ng | | 94 |
| 74) Di-n-butylphthalate | 11.98 | 149 | 947599 | 28.447 ng | | 96 |
| 75) Fluoranthene | 12.63 | 202 | 861640 | 27.909 ng | | 96 |
| 77) Benzidine | 12.74 | 184 | 134765 | 7.958 ng | | 96 |
| 78) Pyrene | 12.86 | 202 | 849408 | 26.728 ng | | 95 |
| 80) Butylbenzylphthalate | 13.47 | 149 | 373619 | 28.842 ng | | 95 |
| 81) Benzo(a)anthracene | 14.05 | 228 | 707572 | 27.551 ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.01 | 252 | 199149 | 19.626 ng | # | 97 |
| 83) Chrysene | 14.09 | 228 | 669140 | 26.509 ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149 | 528762 | 32.405 ng | | 98 |
| 85) Di-n-octyl phthalate | 14.66 | 149 | 815776 | 32.268 ng | | 95 |
| 86) Indeno(1,2,3-cd)pyrene | 17.04 | 276 | 498794 | 23.245 ng | # | 87 |
| 88) Benzo(b)fluoranthene | 15.11 | 252 | 696709 | 28.528 ng | # | 95 |
| 89) Benzo(k)fluoranthene | 15.14 | 252 | 601564 | 25.873 ng | # | 97 |
| 90) Benzo(a)pyrene | 15.49 | 252 | 607438 | 27.378 ng | # | 93 |
| 91) Dibenzo(a,h)anthracene | 17.06 | 278 | 427061 | 21.981 ng | # | 92 |
| 92) Benzo(g,h,i)perylene | 17.49 | 276 | 381639 | 20.116 ng | # | 87 |

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

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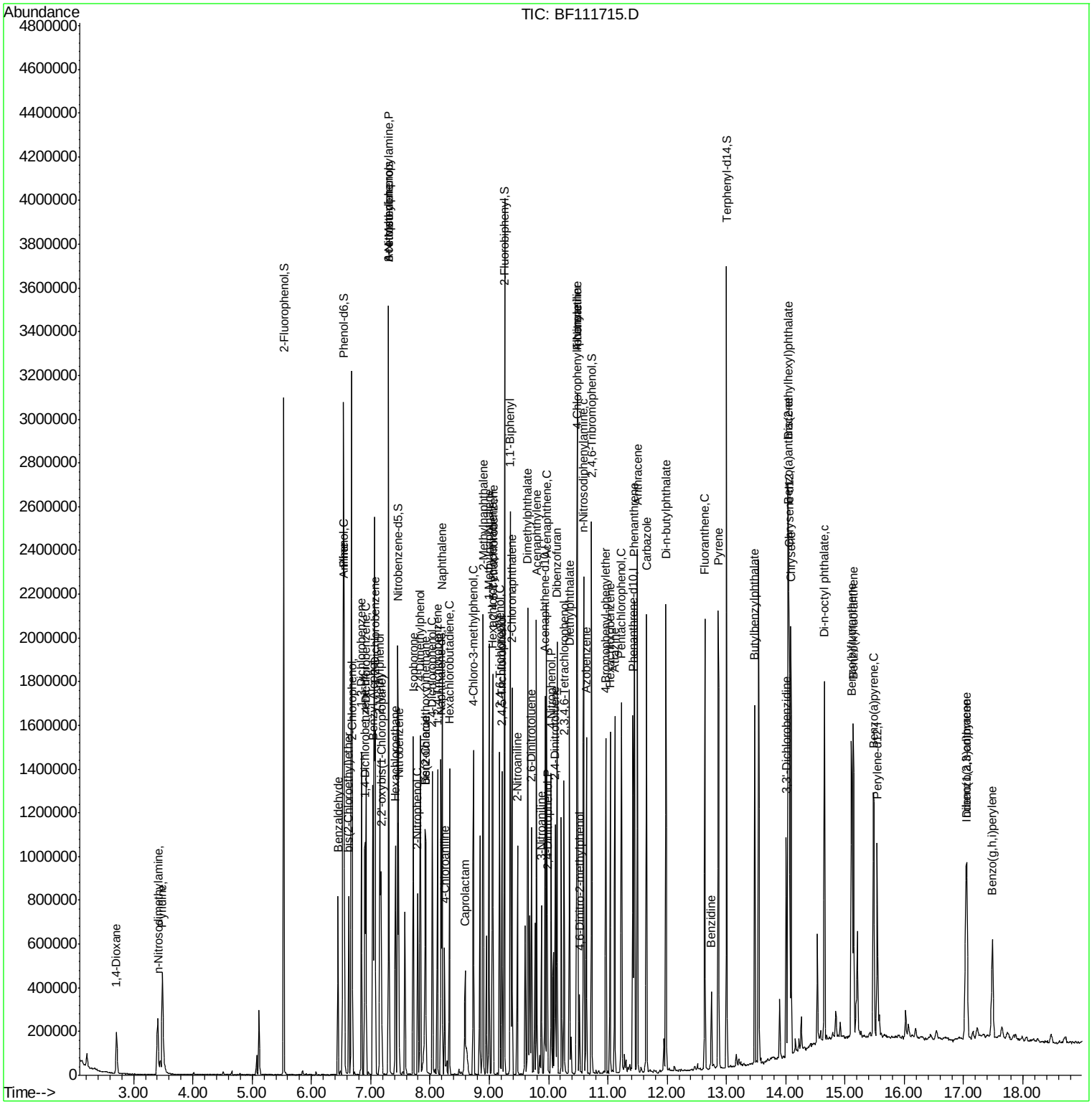
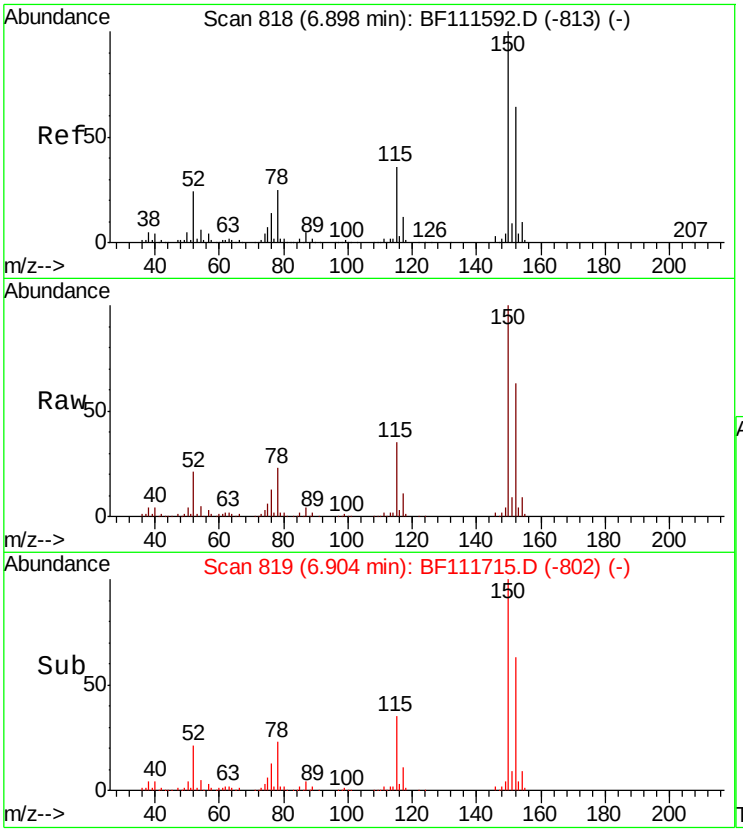
Acq On : 26 Dec 2018 14:50
Operator : JU/SJ
Sample : J6525-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Quant Time: Dec 26 15:25:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 26 13:36:07 2018
Response via : Initial Calibration



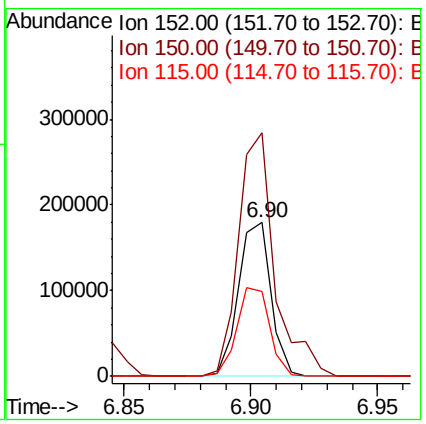


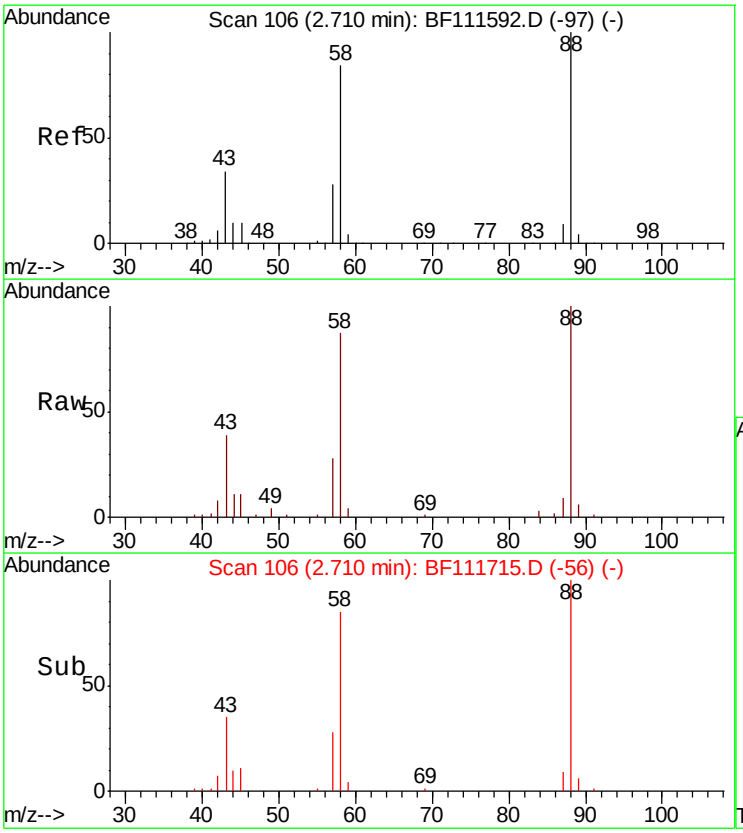

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:152 Resp: 159852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.7 | 126.6 | 189.8 |
| 115 | 55.7 | 50.7 | 76.1 |

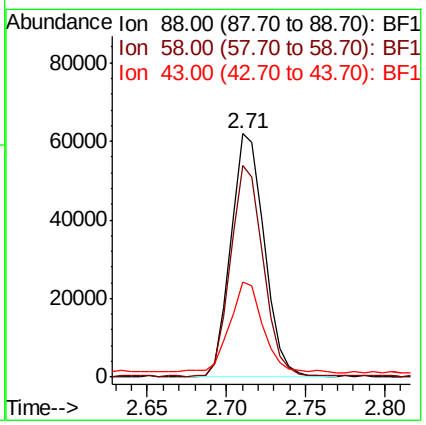


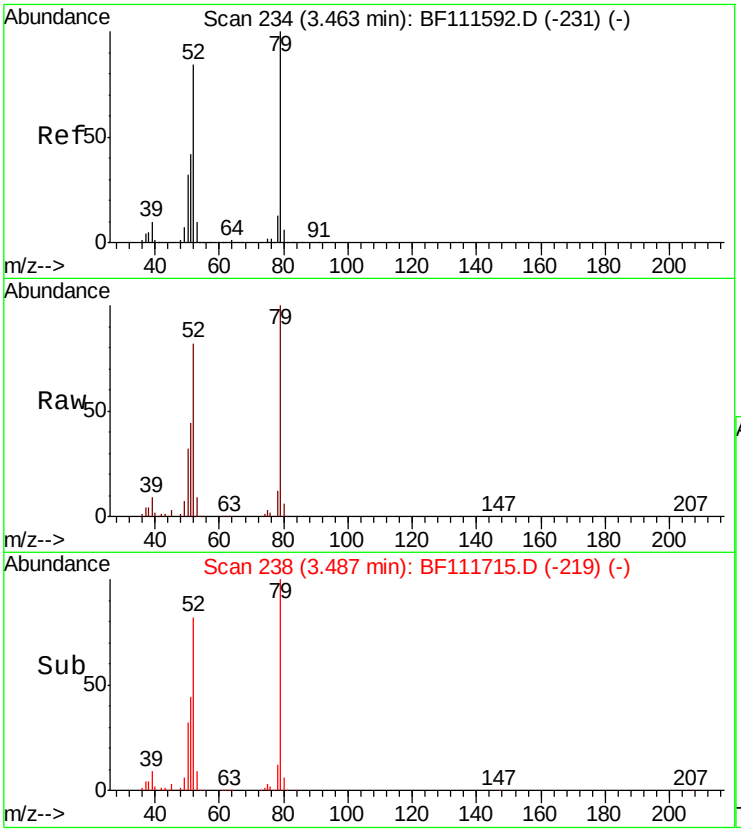




#2
1,4-Dioxane
Concen: 20.532 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion: 88 Resp: 90592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 85.3 | 68.9 | 103.3 |
| 43 | 37.8 | 25.8 | 38.6 |



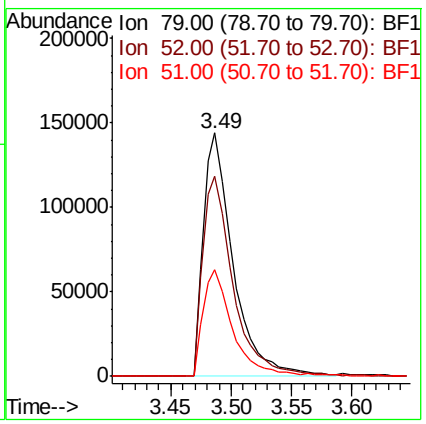


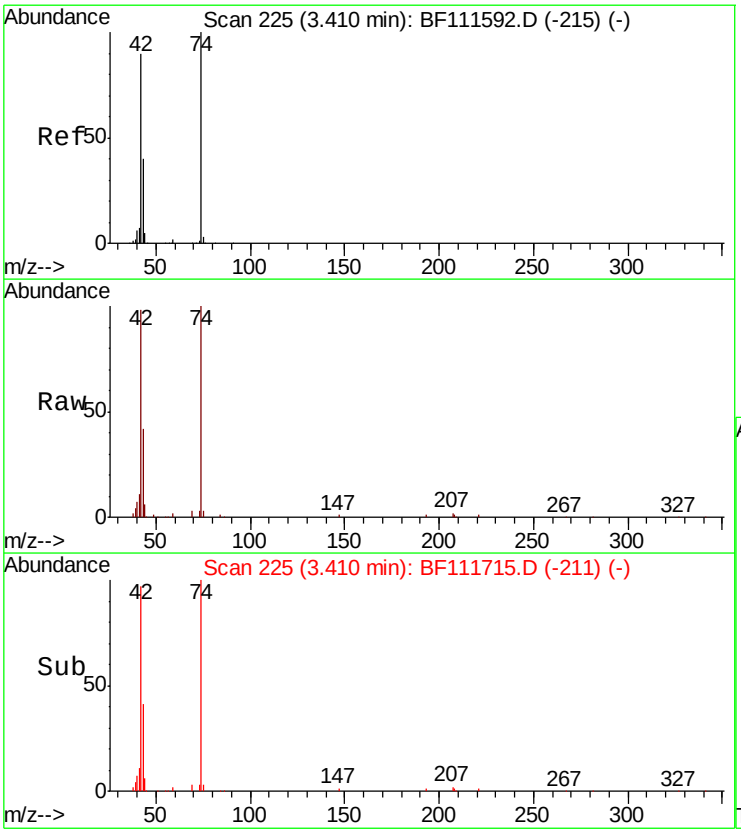

#3
Pyridine
Concen: 21.397 ng
RT: 3.49 min Scan# 238
Delta R.T. 0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion: 79 Resp: 245957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 82.0 | 68.3 | 102.5 |
| 51 | 43.8 | 32.6 | 49.0 |

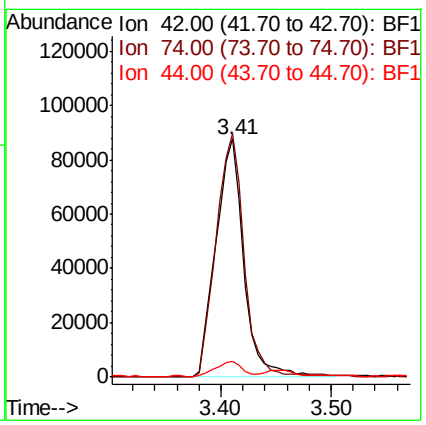


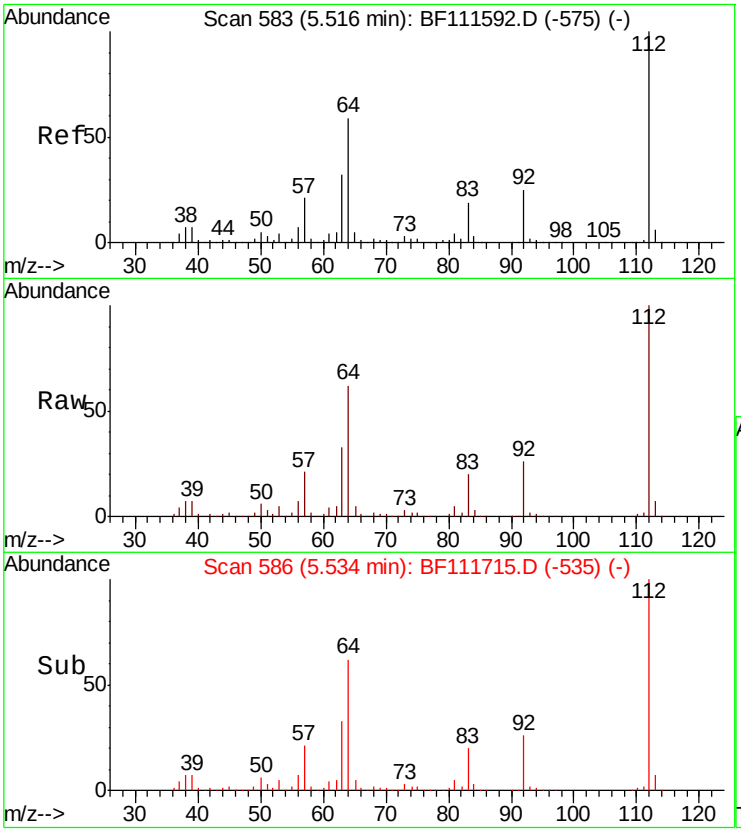




#4
n-Nitrosodimethylamine
Concen: 27.496 ng
RT: 3.41 min Scan# 225
Delta R.T. -0.02 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion: 42 Resp: 154687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 102.2 | 101.5 | 152.3 |
| 44 | 6.6 | 6.0 | 9.0 |



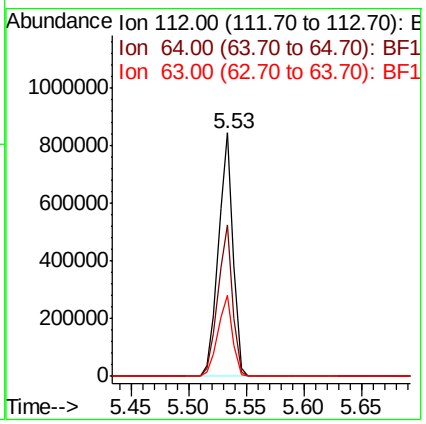


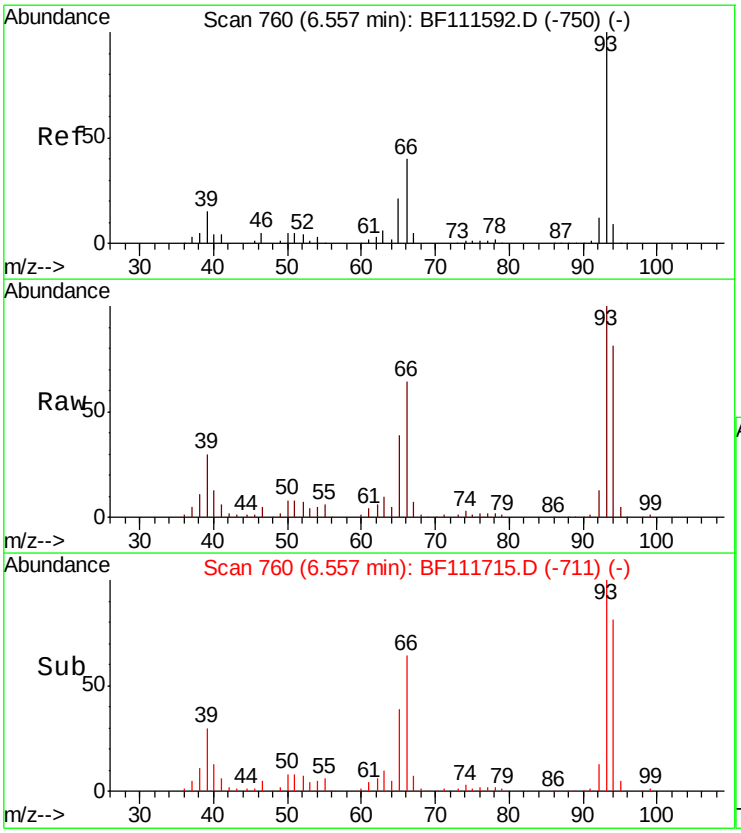

#5
2-Fluorophenol
Concen: 78.855 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:112 Resp: 739503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.4 | 51.8 | 77.6 |
| 63 | 33.4 | 26.8 | 40.2 |

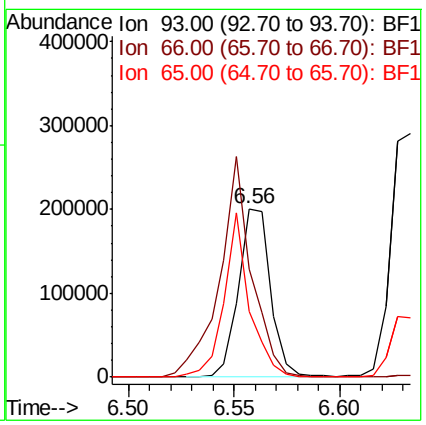


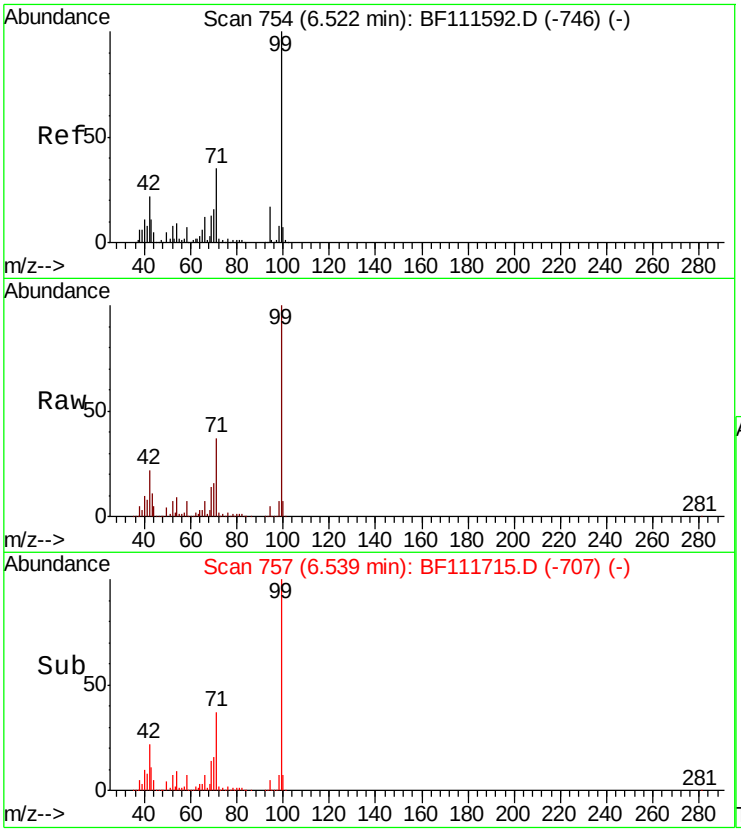




#6
Aniline
Concen: 13.917 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion: 93 Resp: 211722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 64.2 | 33.2 | 49.8# |
| 65 | 39.2 | 17.0 | 25.4# |



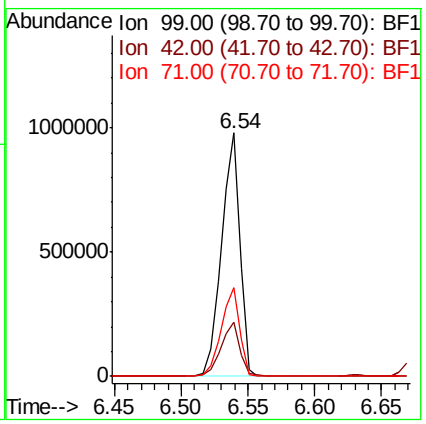


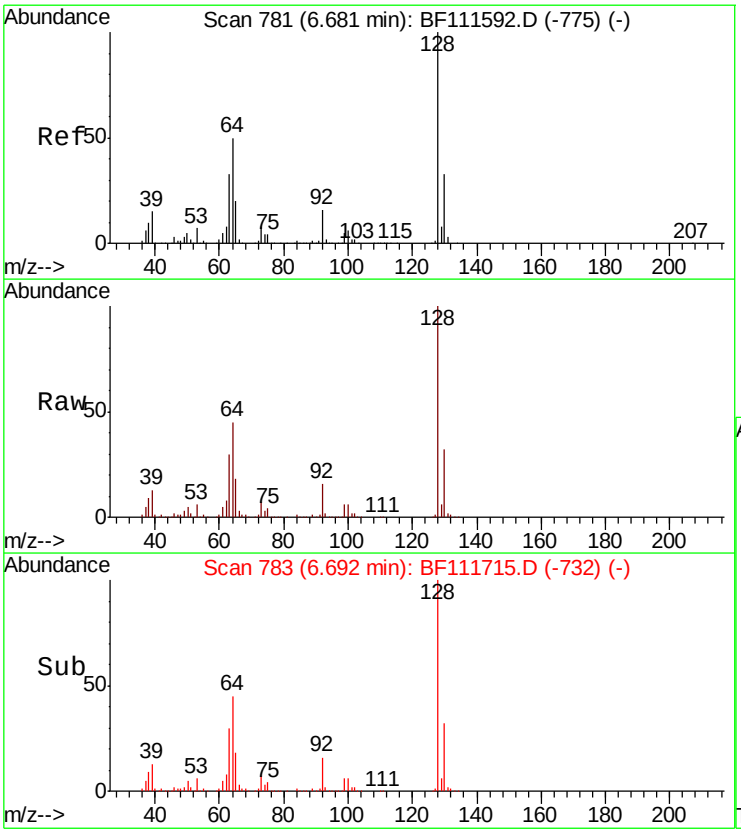

#7
Phenol-d6
Concen: 80.038 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion: 99 Resp: 955250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.4 | 17.4 | 26.0 |
| 71 | 36.6 | 26.1 | 39.1 |

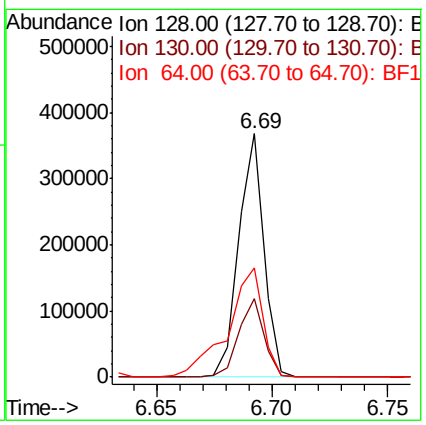


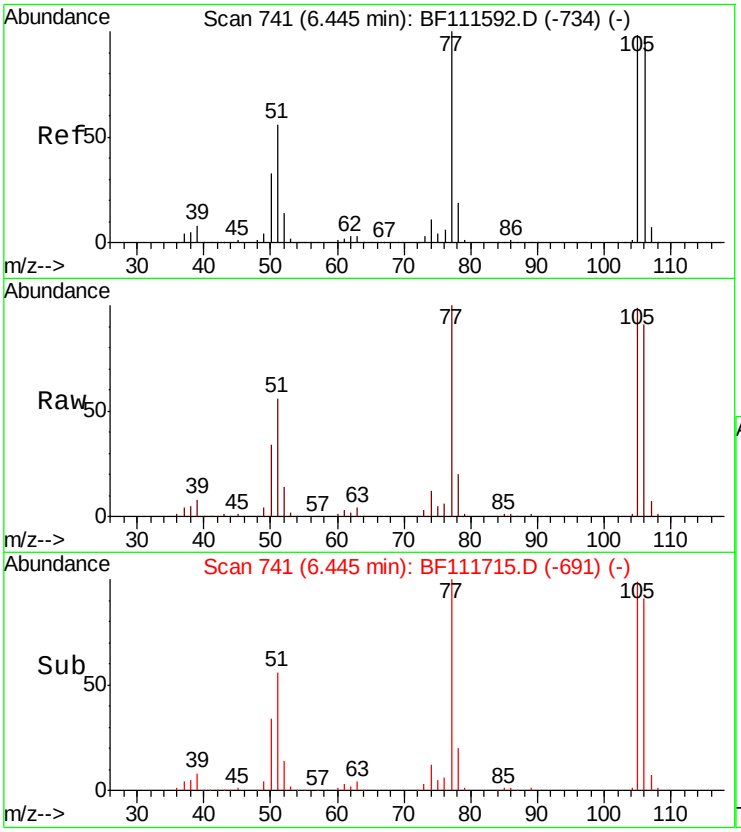




#8
2-Chlorophenol
Concen: 26.957 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:128 Resp: 280044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.0 | 12.7 | 52.7 |
| 64 | 45.0 | 30.0 | 70.0 |



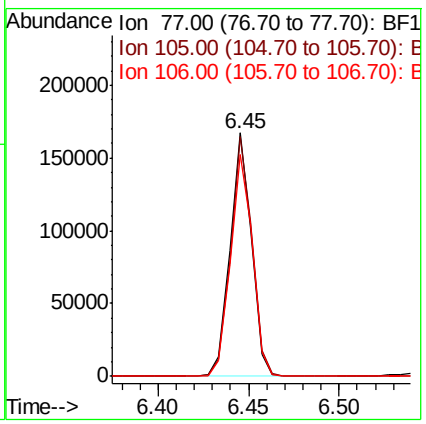


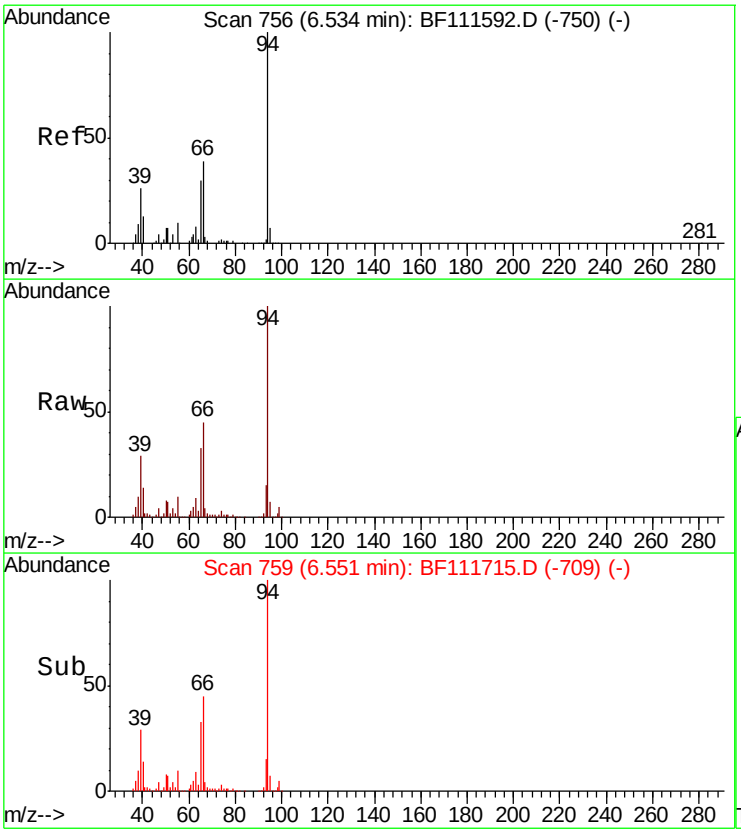

#9
Benzaldehyde
Concen: 16.680 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion: 77 Resp: 136918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.7 | 81.4 | 121.4 |
| 106 | 91.1 | 77.9 | 117.9 |

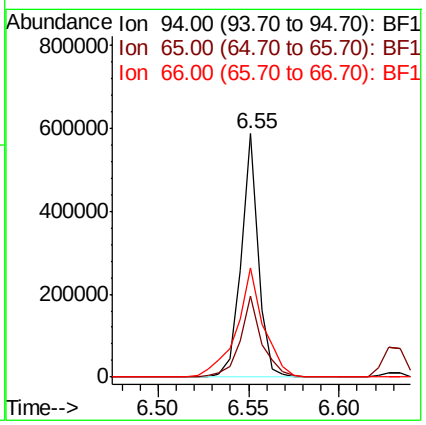


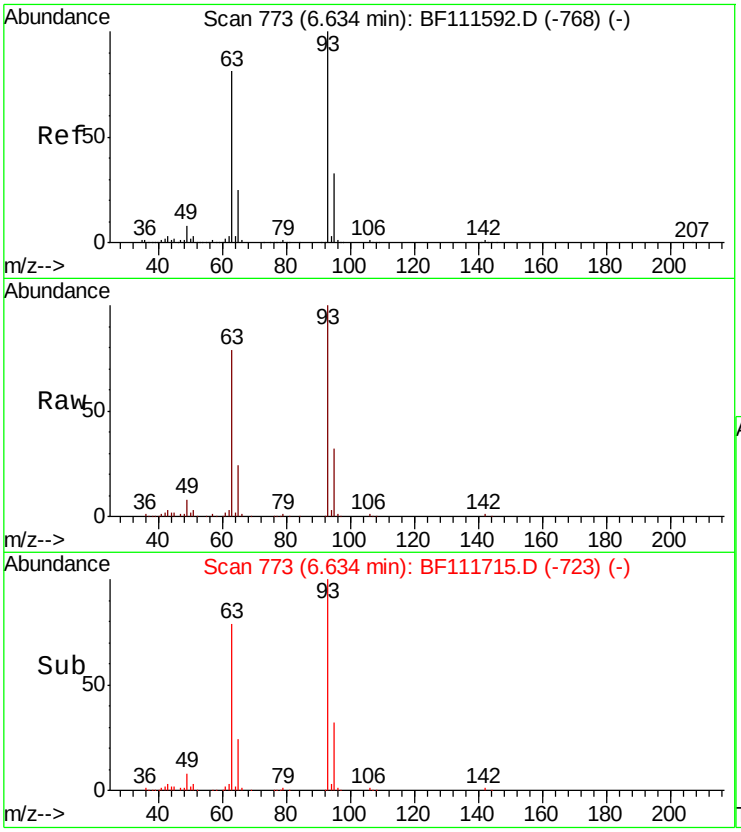




#10
Phenol
Concen: 28.475 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion: 94 Resp: 383455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.4 | 11.7 | 51.7 |
| 66 | 44.8 | 21.0 | 61.0 |



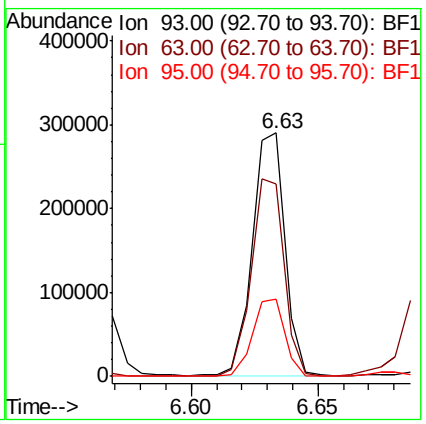


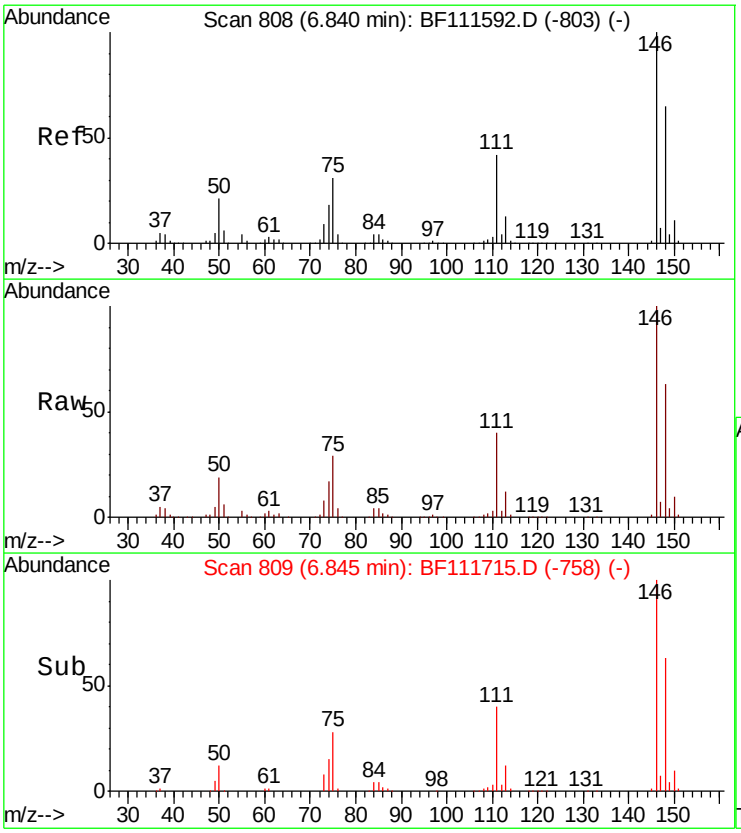

#11
bis(2-Chloroethyl)ether
Concen: 26.125 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion: 93 Resp: 263629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.1 | 60.0 | 100.0 |
| 95 | 31.7 | 13.4 | 53.4 |

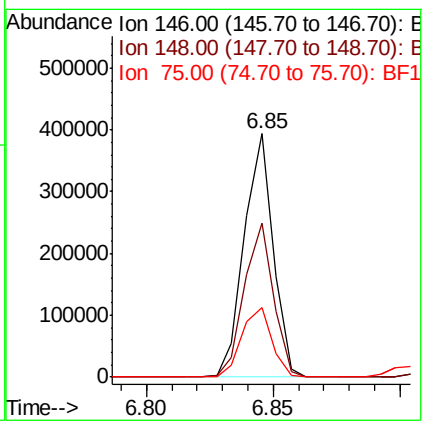


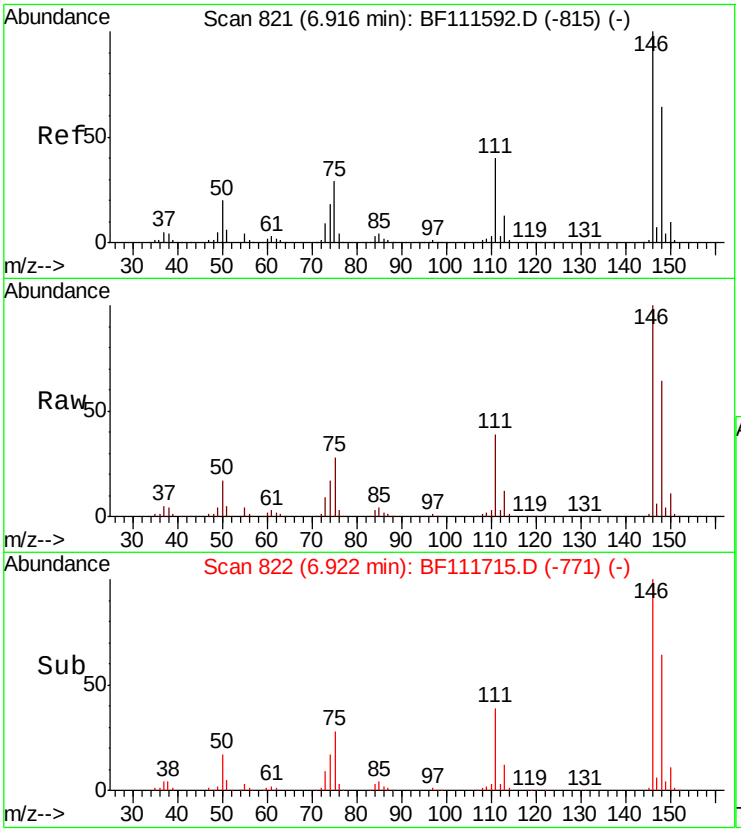




#12
1,3-Dichlorobenzene
Concen: 26.010 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:146 Resp: 313136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 52.1 | 78.1 |
| 75 | 28.5 | 23.9 | 35.9 |



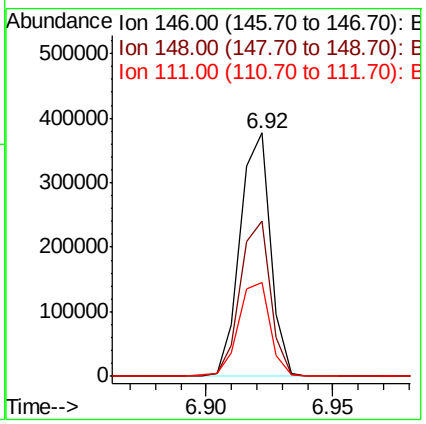


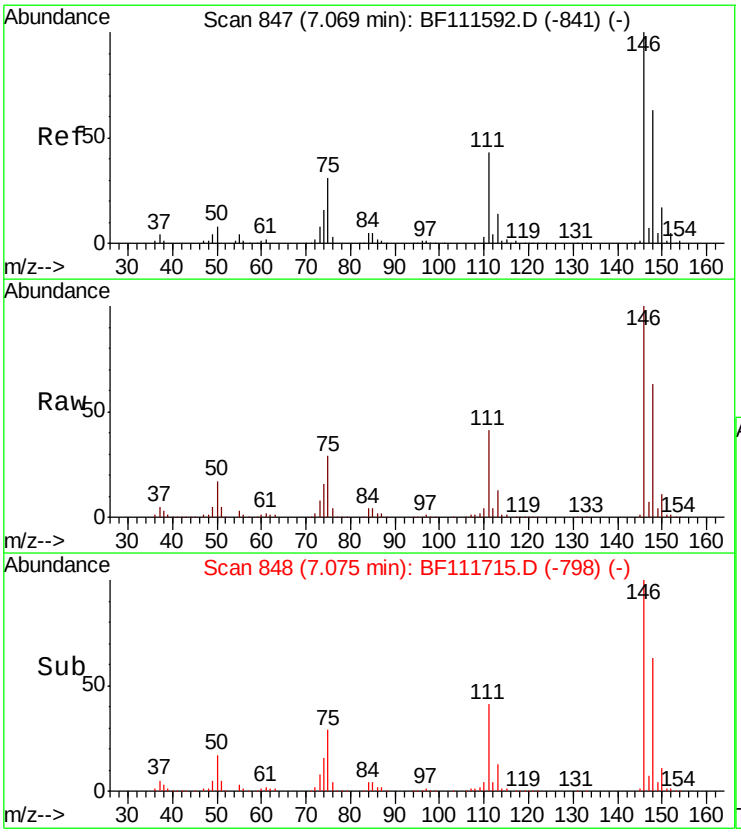

#13
1,4-Dichlorobenzene
Concen: 25.700 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:146 Resp: 313794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.8 | 52.8 | 79.2 |
| 111 | 38.7 | 33.4 | 50.0 |

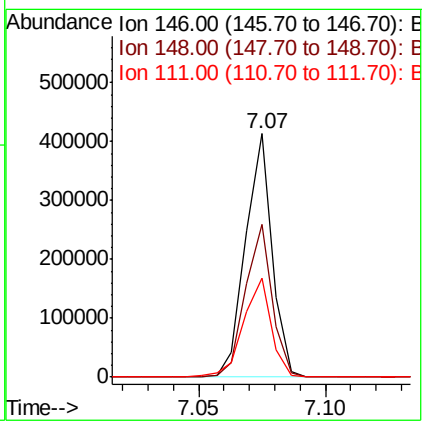


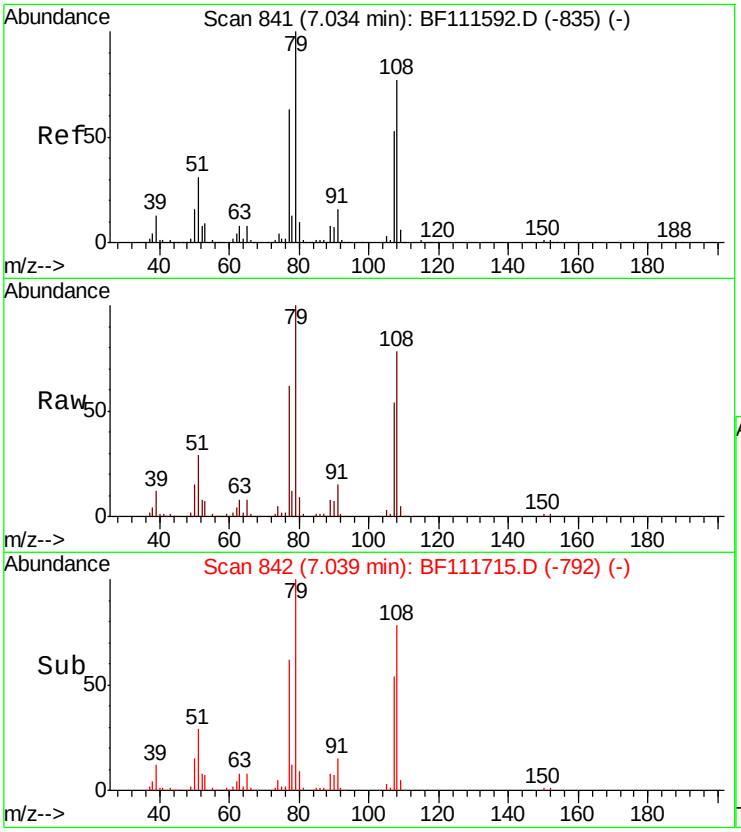




#14
1,2-Dichlorobenzene
Concen: 26.379 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:146 Resp: 300498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.8 | 51.9 | 77.9 |
| 111 | 40.8 | 36.2 | 54.4 |



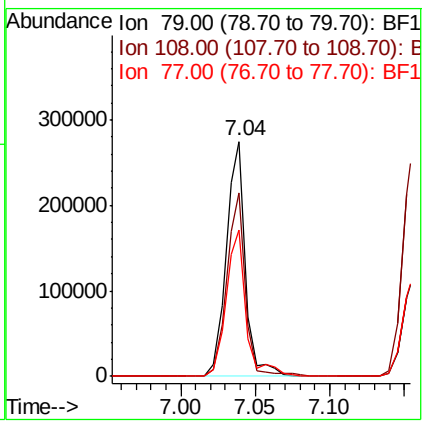


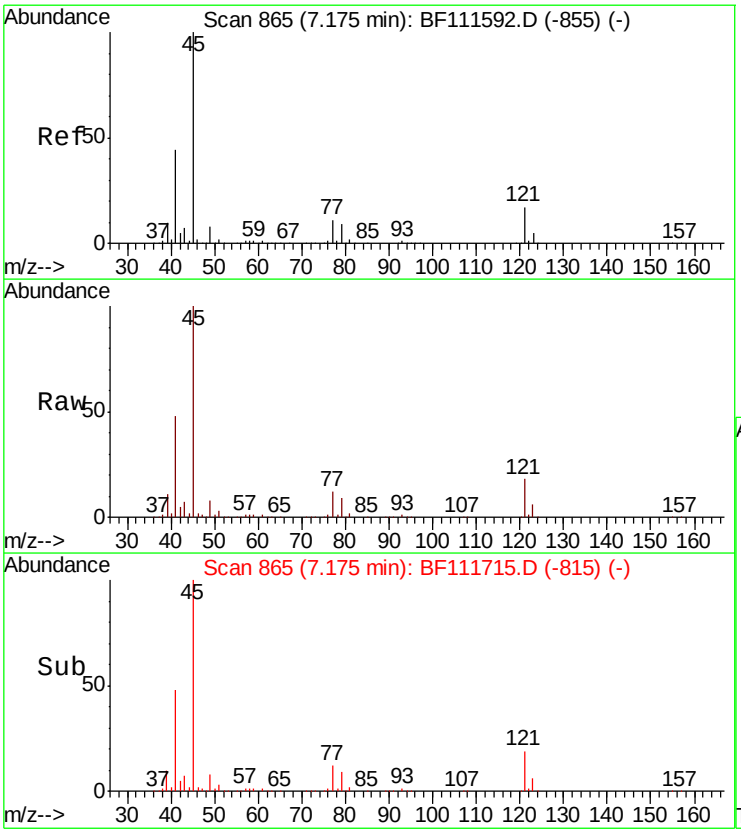

#15
Benzyl Alcohol
Concen: 26.379 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion: 79 Resp: 250044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.4 | 69.4 | 104.2 |
| 77 | 62.4 | 49.7 | 74.5 |

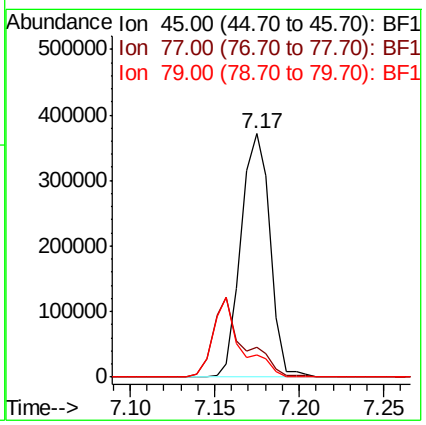


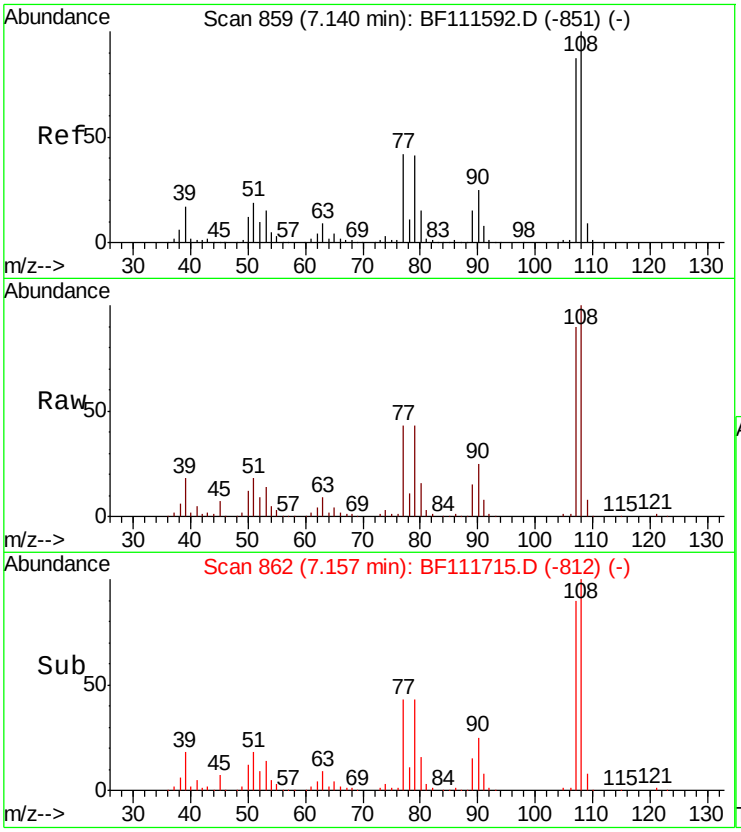




#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.003 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion: 45 Resp: 446106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.3 | 0.0 | 31.5 |
| 79 | 9.2 | 0.0 | 28.9 |



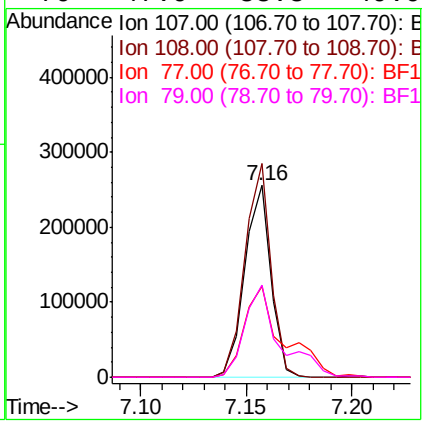


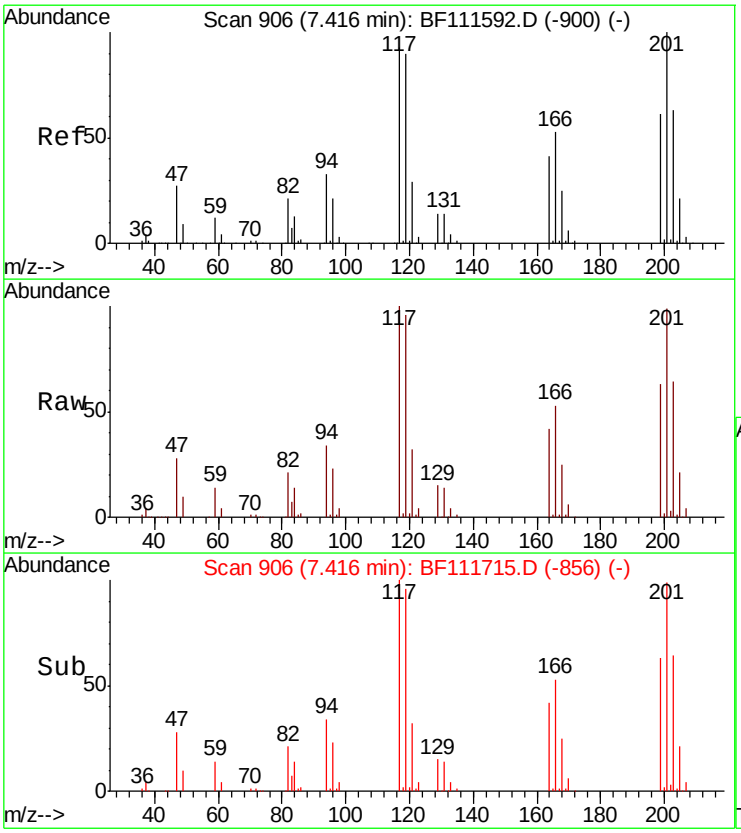

#17
2-Methylphenol
Concen: 26.601 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:107 Resp: 221280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.4 | 91.0 | 136.4 |
| 77 | 47.3 | 33.5 | 50.3 |
| 79 | 47.9 | 33.3 | 49.9 |

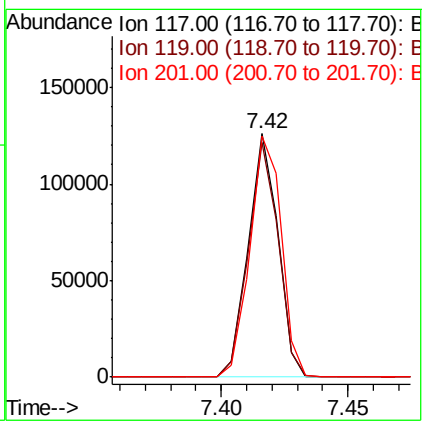


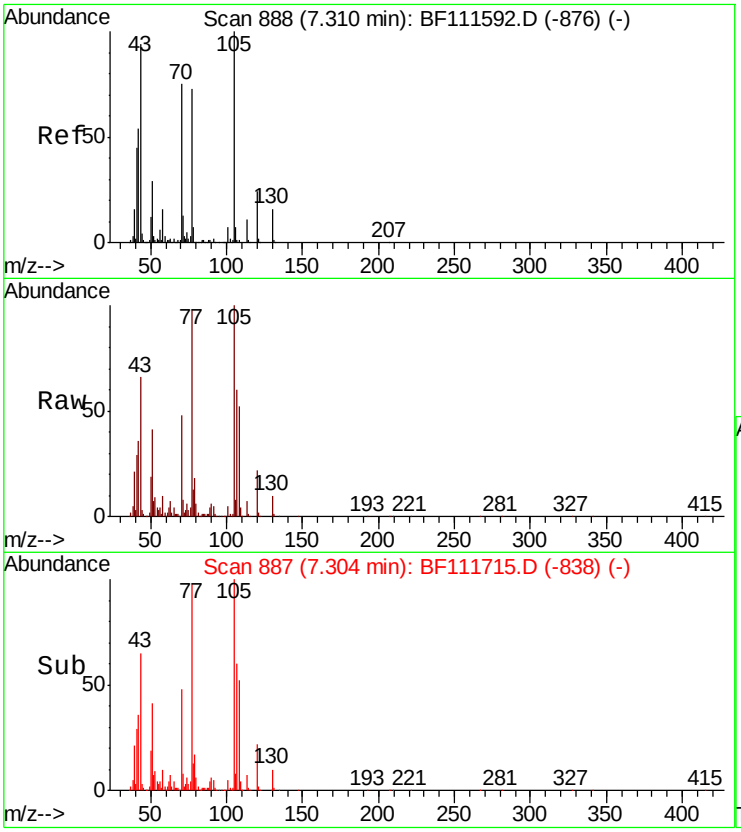




#18
Hexachloroethane
Concen: 25.133 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:117 Resp: 103410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.4 | 75.4 | 113.0 |
| 201 | 99.0 | 62.4 | 93.6# |



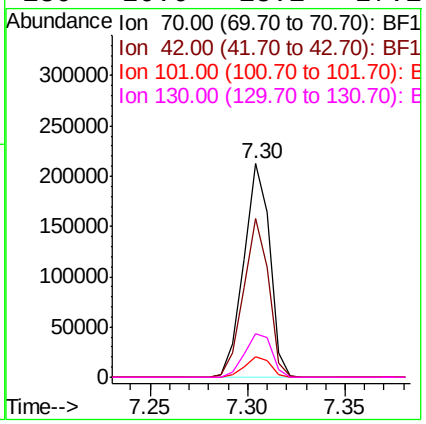


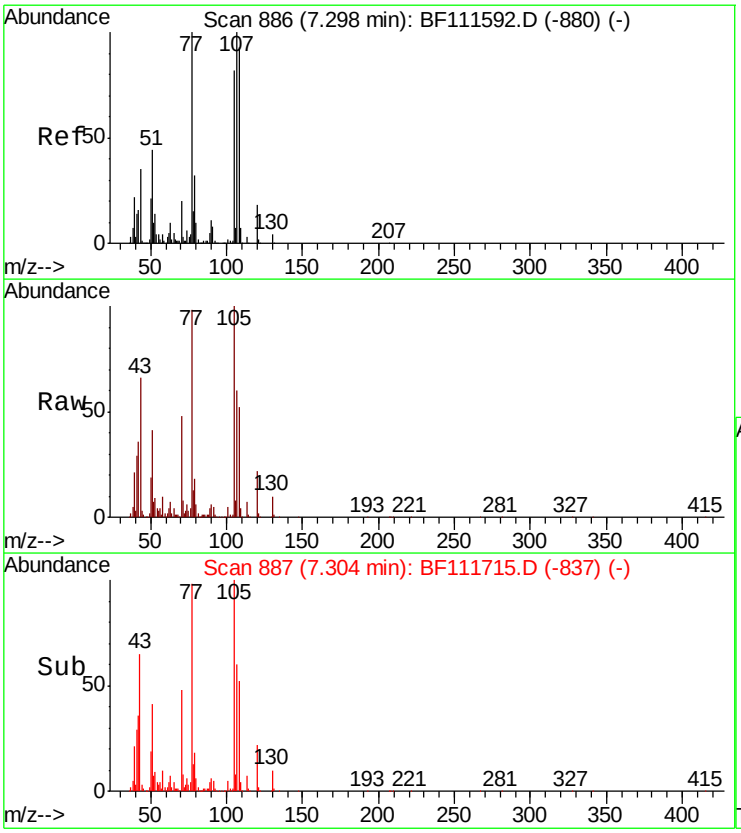

#19
n-Nitroso-di-n-propylamine
Concen: 24.815 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion: 70 Resp: 196687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 74.3 | 53.2 | 79.8 |
| 101 | 9.6 | 8.2 | 12.4 |
| 130 | 20.6 | 18.1 | 27.1 |

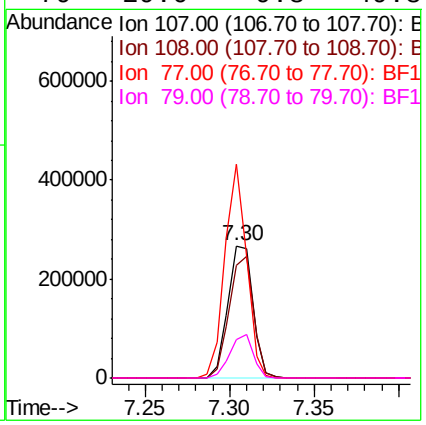


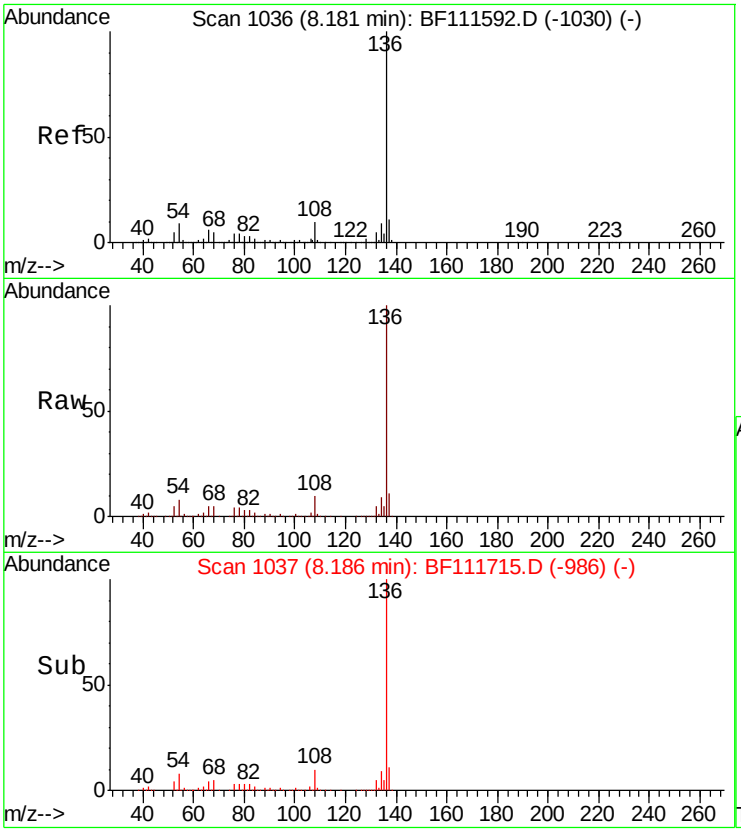




#20
3+4-Methylphenols
Concen: 26.154 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:107 Resp: 274904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 85.6 | 72.1 | 112.1 |
| 77 | 161.9 | 94.1 | 134.1# |
| 79 | 29.0 | 9.8 | 49.8 |



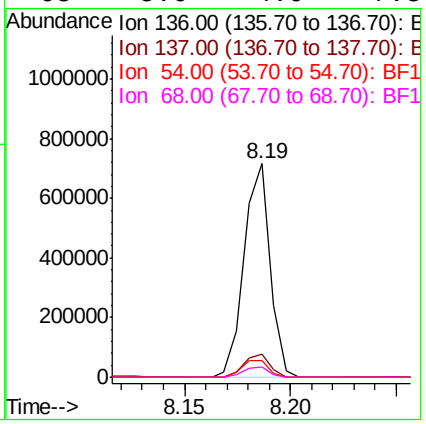


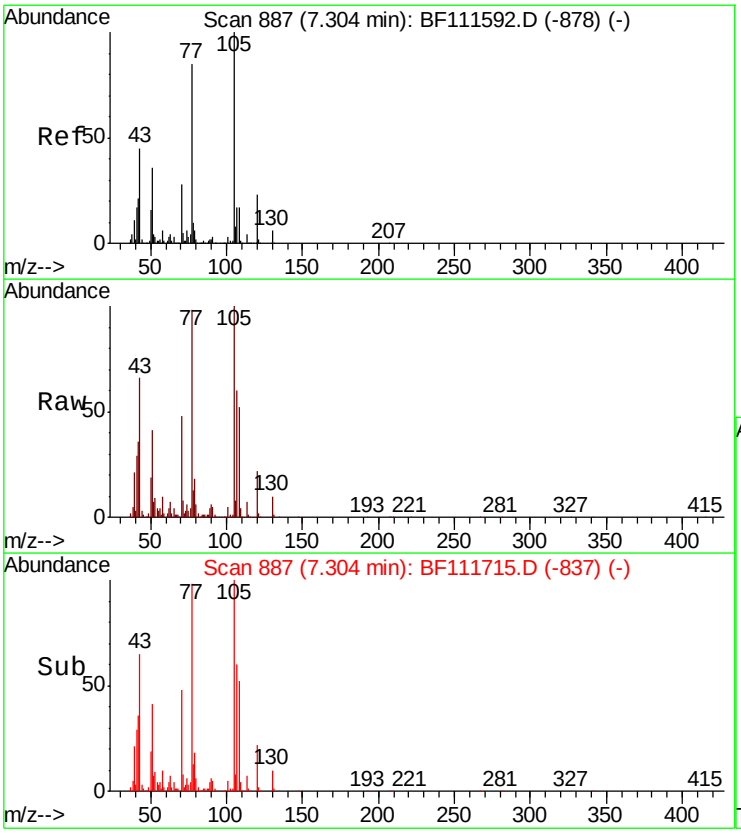

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:136 Resp: 613257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.1 | 13.7 |
| 54 | 8.0 | 7.7 | 11.5 |
| 68 | 5.0 | 4.9 | 7.3 |

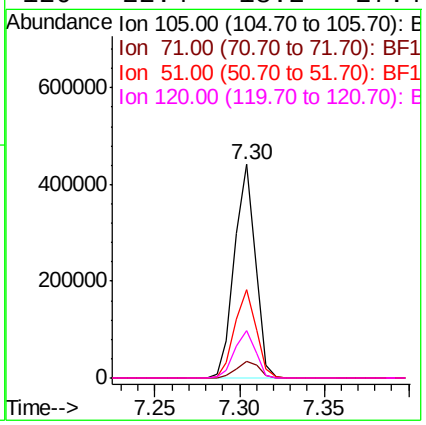


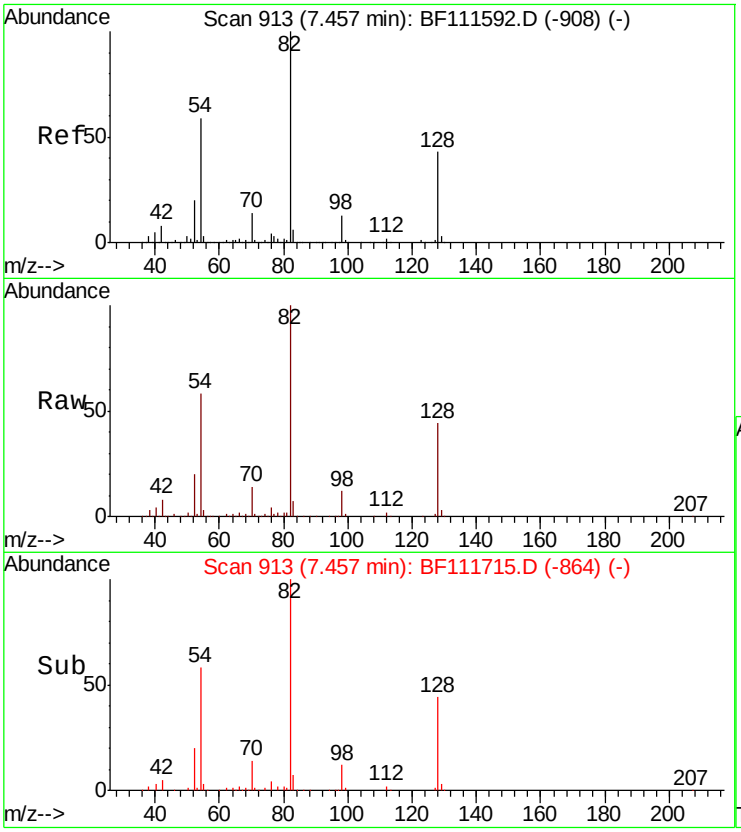




#22
Acetophenone
Concen: 24.395 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:105 Resp: 379009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.1 | 3.1 | 4.7# |
| 51 | 41.4 | 36.6 | 54.8 |
| 120 | 22.4 | 18.2 | 27.4 |



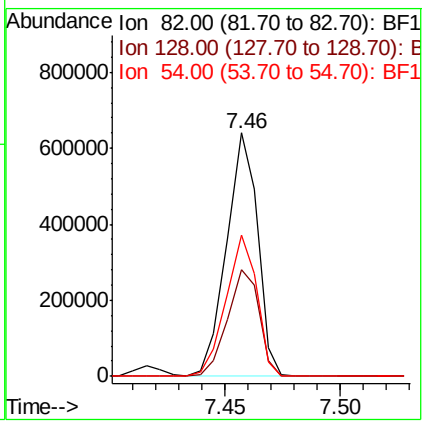


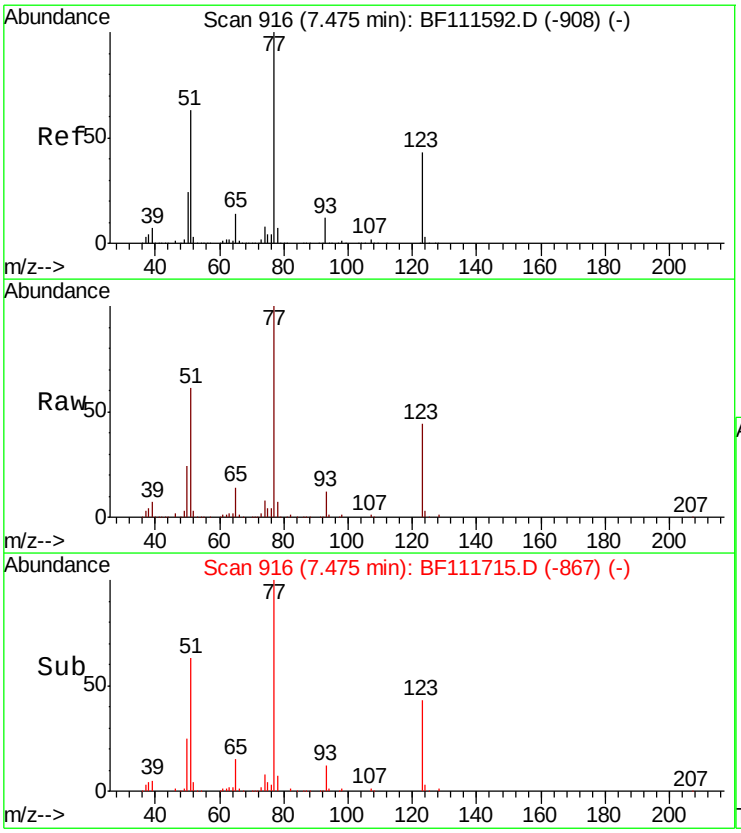

#23
Nitrobenzene-d5
Concen: 57.018 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion: 82 Resp: 600725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.0 | 37.4 | 56.2 |
| 54 | 57.9 | 47.6 | 71.4 |

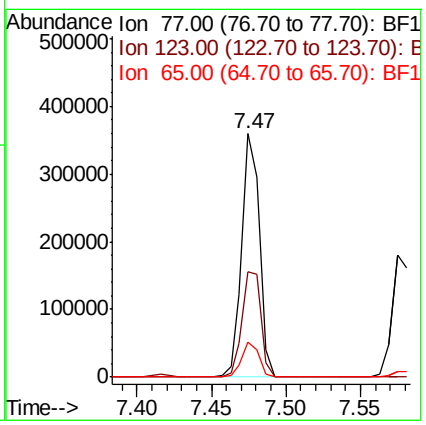


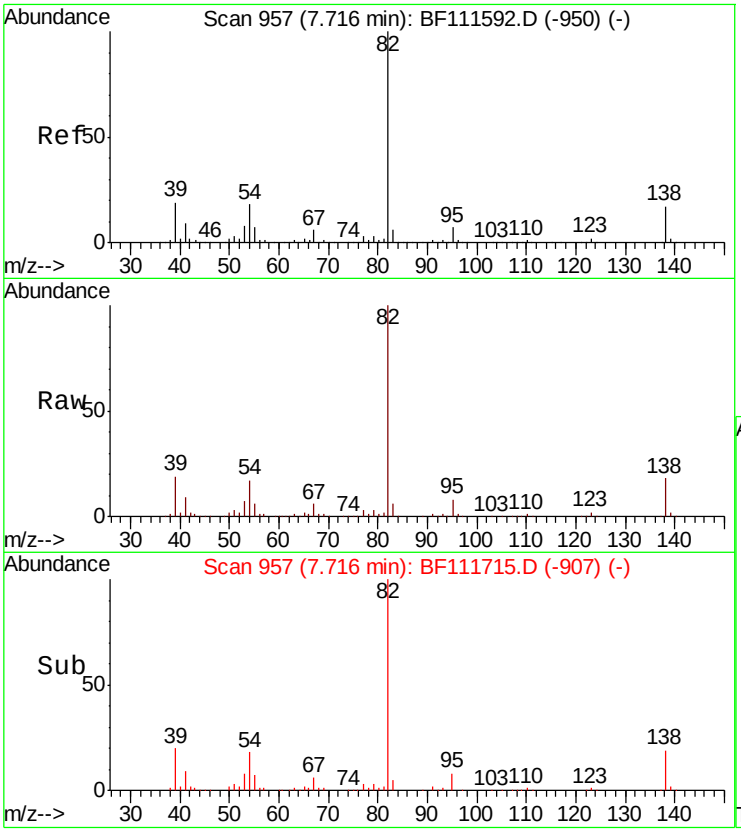




#24
Nitrobenzene
Concen: 26.890 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion: 77 Resp: 296931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.5 | 37.2 | 55.8 |
| 65 | 14.2 | 11.5 | 17.3 |



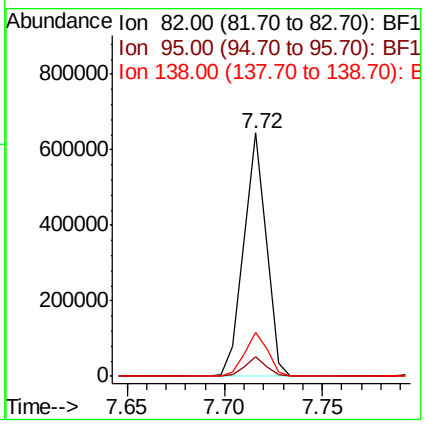


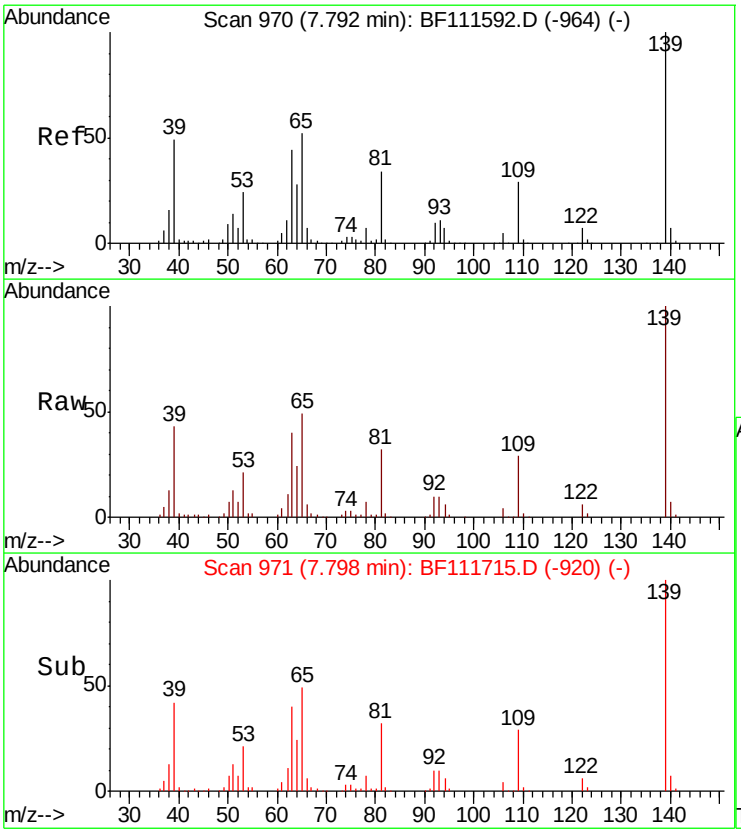

#25
Isophorone
Concen: 27.835 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion: 82 Resp: 520629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.0 | 5.4 | 8.2 |
| 138 | 18.0 | 15.1 | 22.7 |

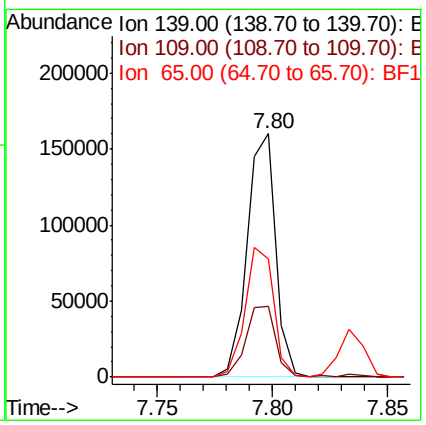


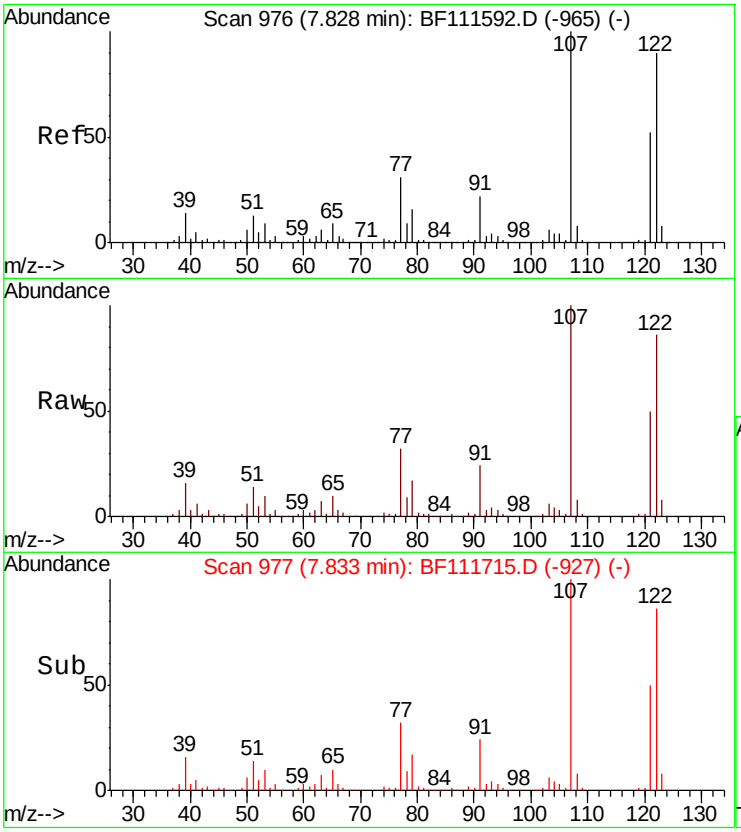




#26
2-Nitrophenol
Concen: 30.910 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:139 Resp: 138428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.0 | 20.2 | 30.4 |
| 65 | 48.6 | 40.7 | 61.1 |



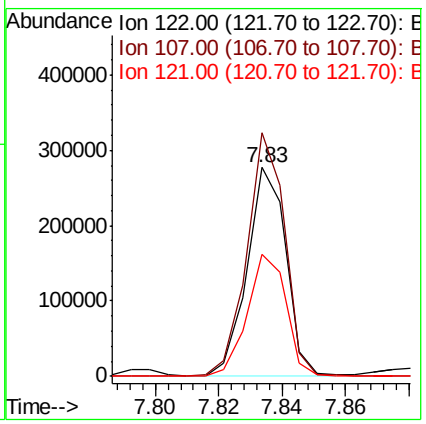


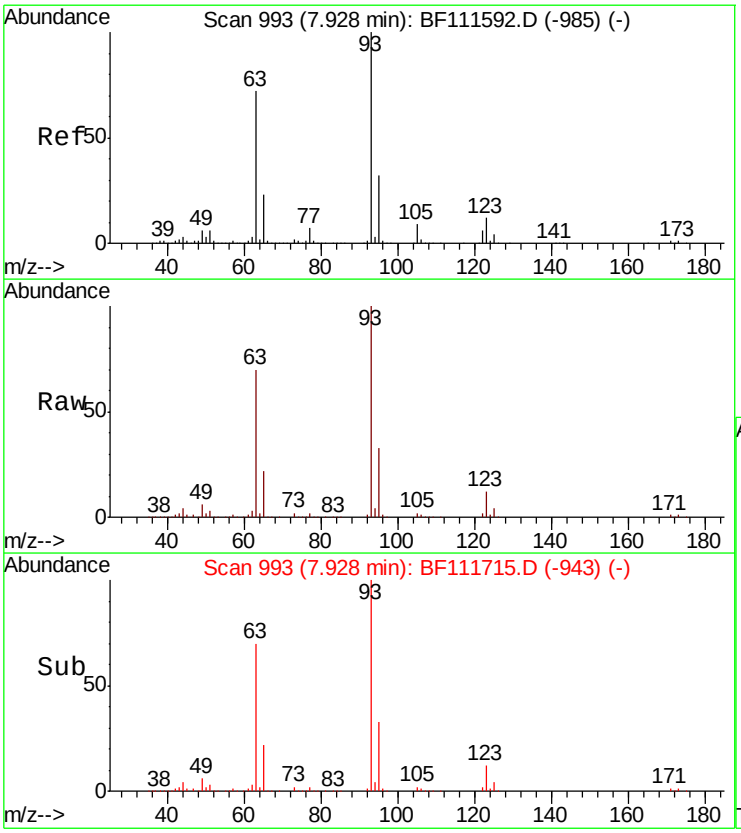

#27
2,4-Dimethylphenol
Concen: 26.732 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:122 Resp: 235995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 116.8 | 85.5 | 128.3 |
| 121 | 58.7 | 46.6 | 70.0 |

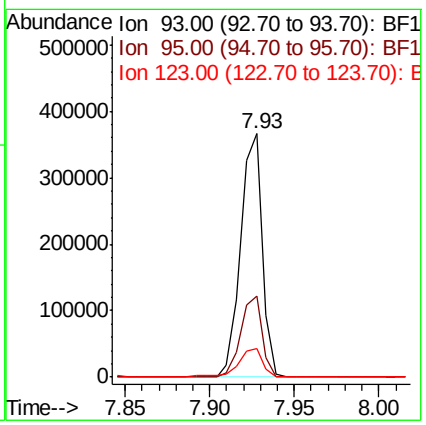


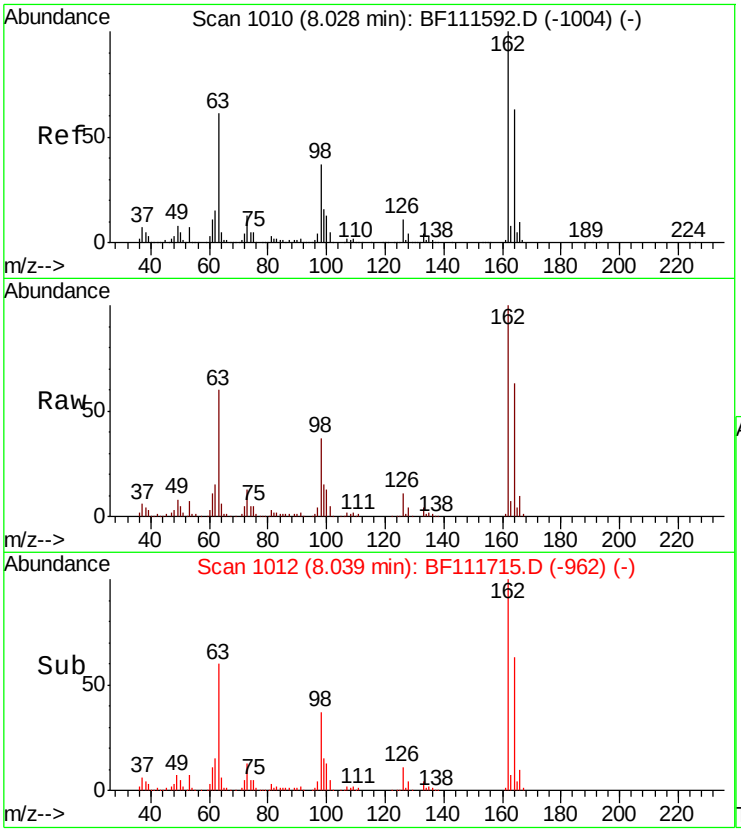




#28
bis(2-Chloroethoxy)methane
Concen: 26.268 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion: 93 Resp: 326945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.3 | 27.1 | 40.7 |
| 123 | 11.9 | 9.9 | 14.9 |



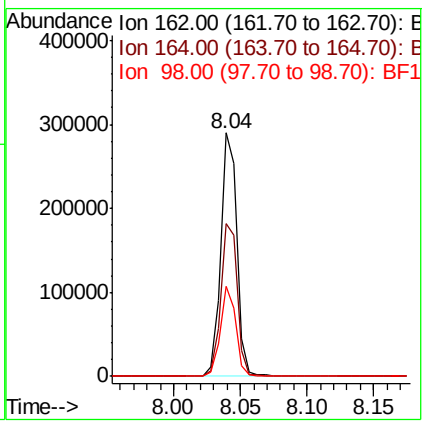


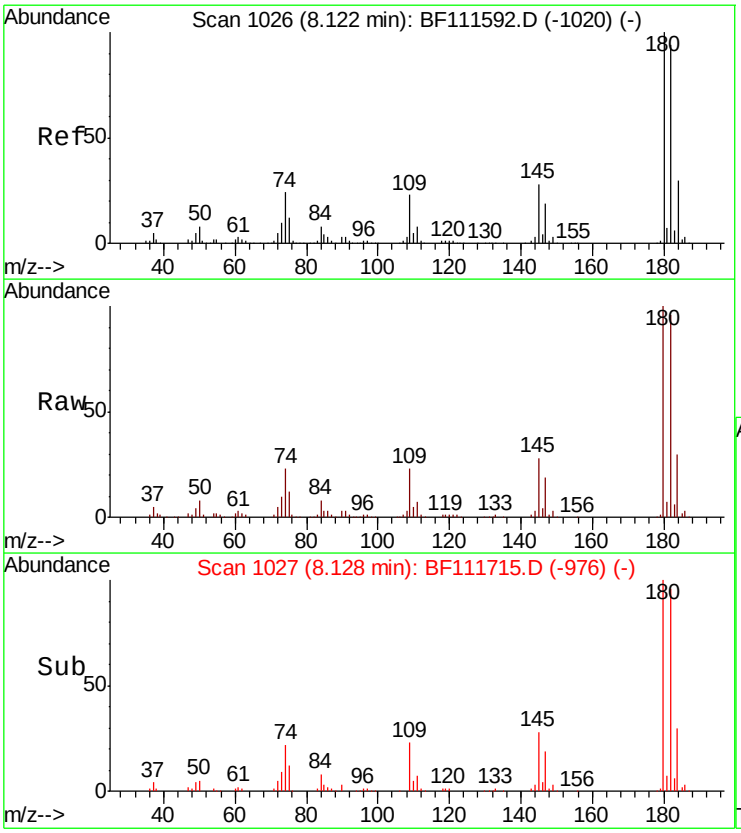

#29
2,4-Dichlorophenol
Concen: 26.206 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:162 Resp: 248838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.6 | 44.4 | 84.4 |
| 98 | 36.7 | 20.3 | 60.3 |

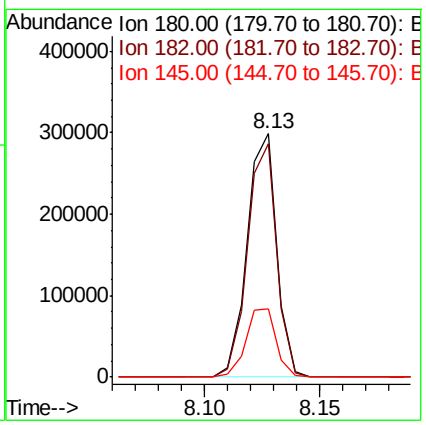


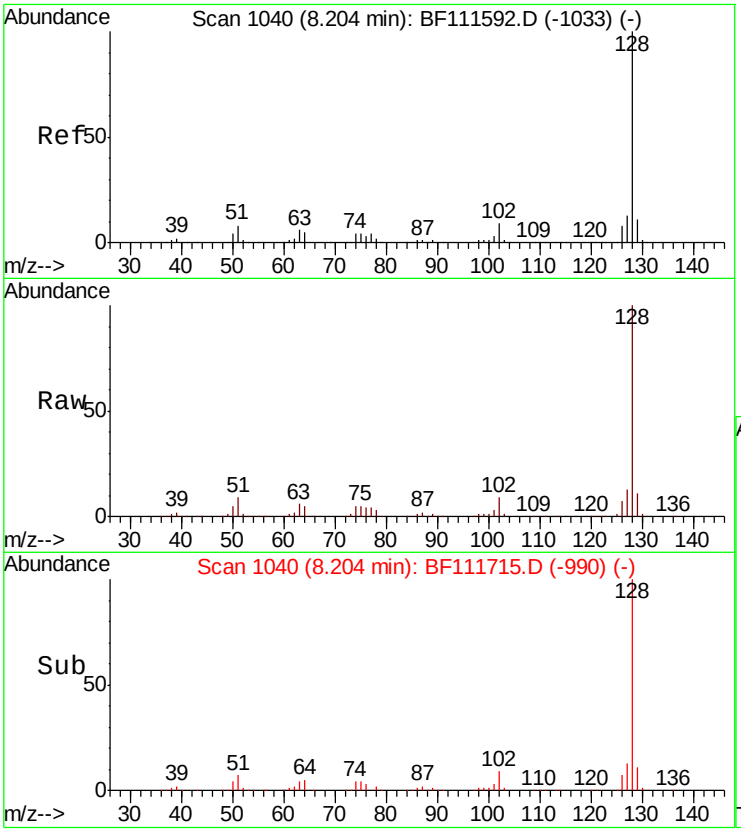




#30
1,2,4-Trichlorobenzene
Concen: 25.265 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:180 Resp: 267338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.0 | 75.6 | 113.4 |
| 145 | 28.0 | 26.7 | 40.1 |



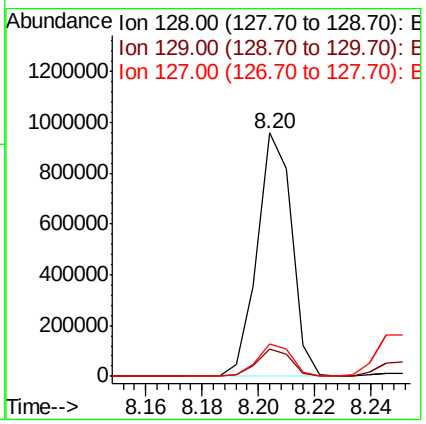


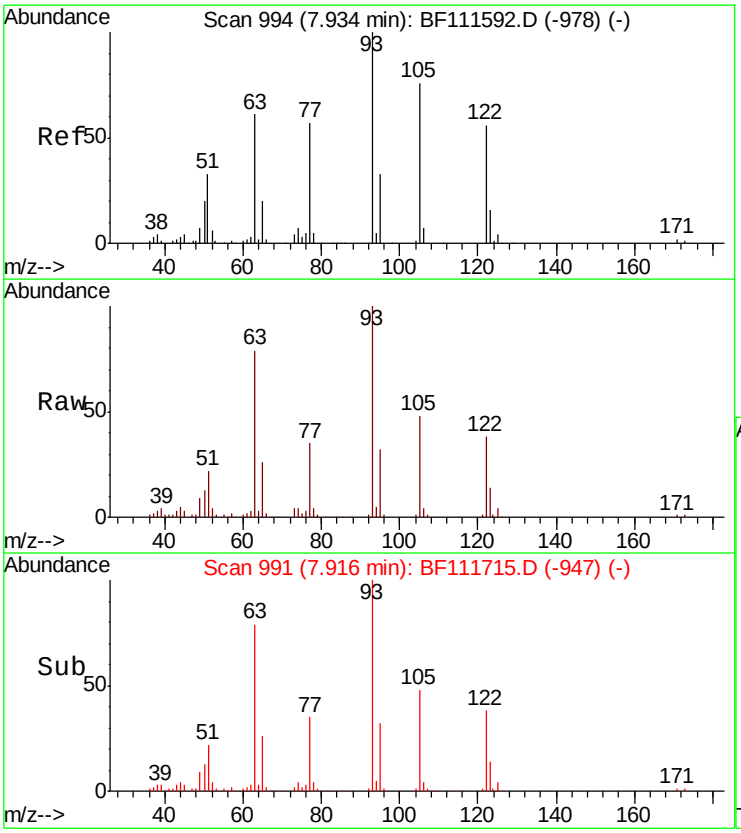

#31
Naphthalene
Concen: 27.672 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:128 Resp: 815400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.8 | 14.8 |
| 127 | 13.4 | 12.0 | 18.0 |

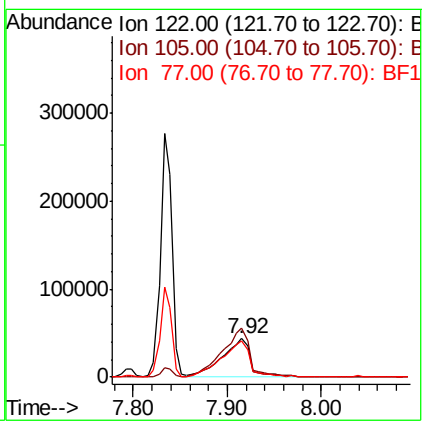


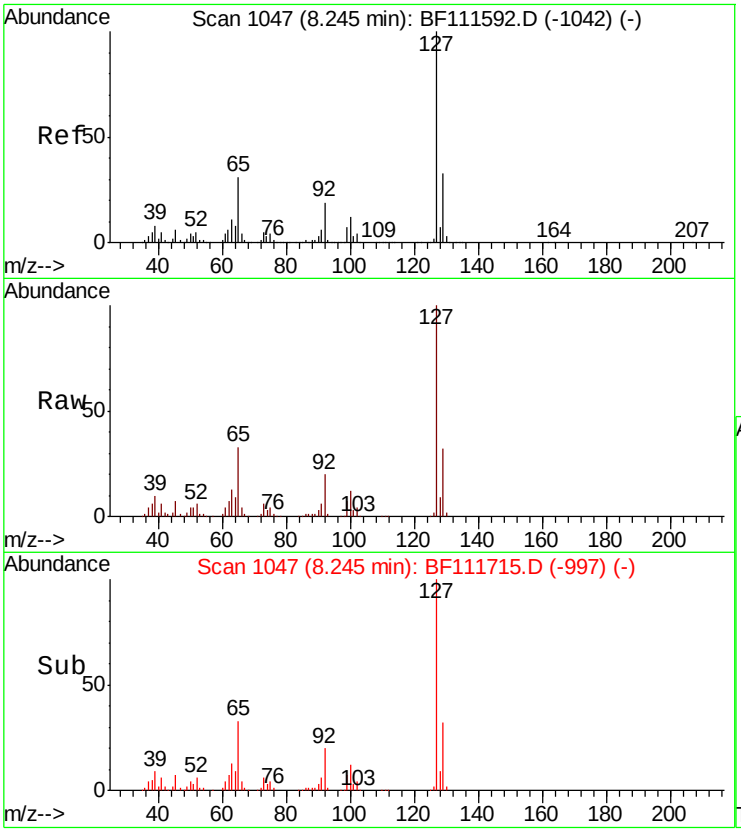




#32
Benzoic acid
Concen: 15.952 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.04 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:122 Resp: 93114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.4 | 97.0 | 137.0 |
| 77 | 93.4 | 65.7 | 105.7 |



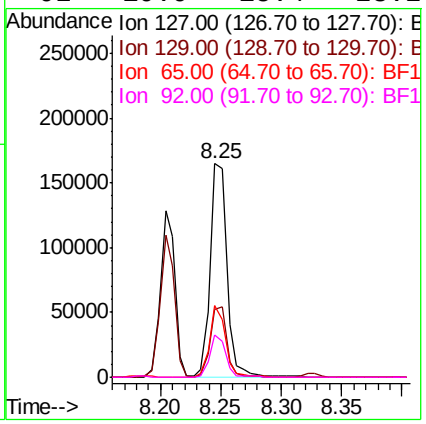


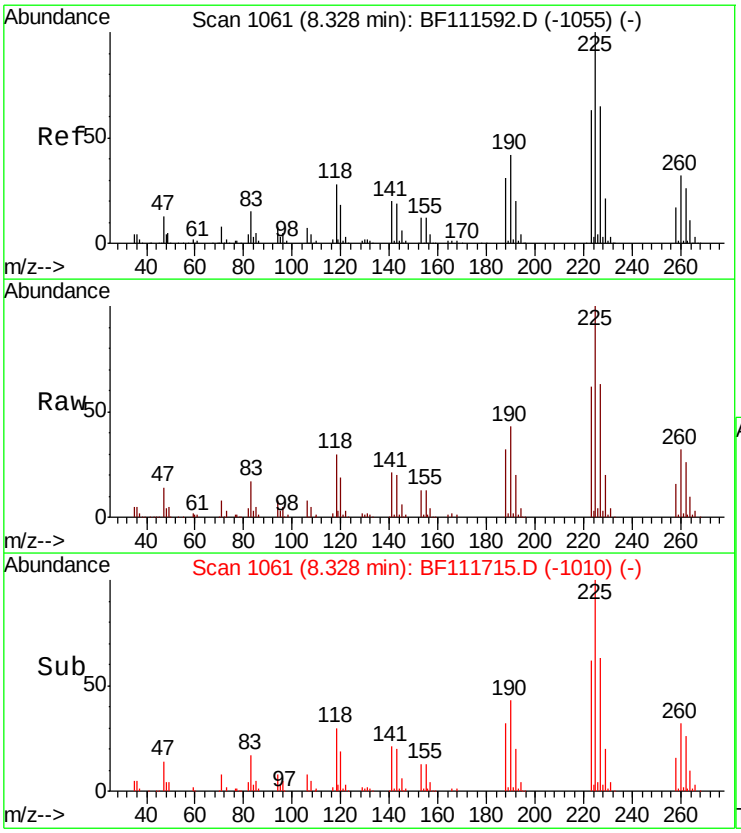

#33
4-Chloroaniline
Concen: 12.462 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:127 Resp: 158709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.6 | 26.6 | 39.8 |
| 65 | 33.3 | 25.7 | 38.5 |
| 92 | 19.9 | 15.4 | 23.2 |

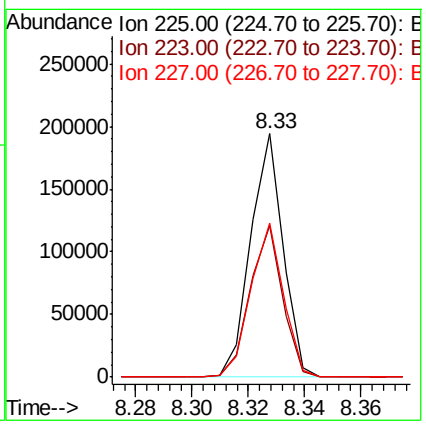


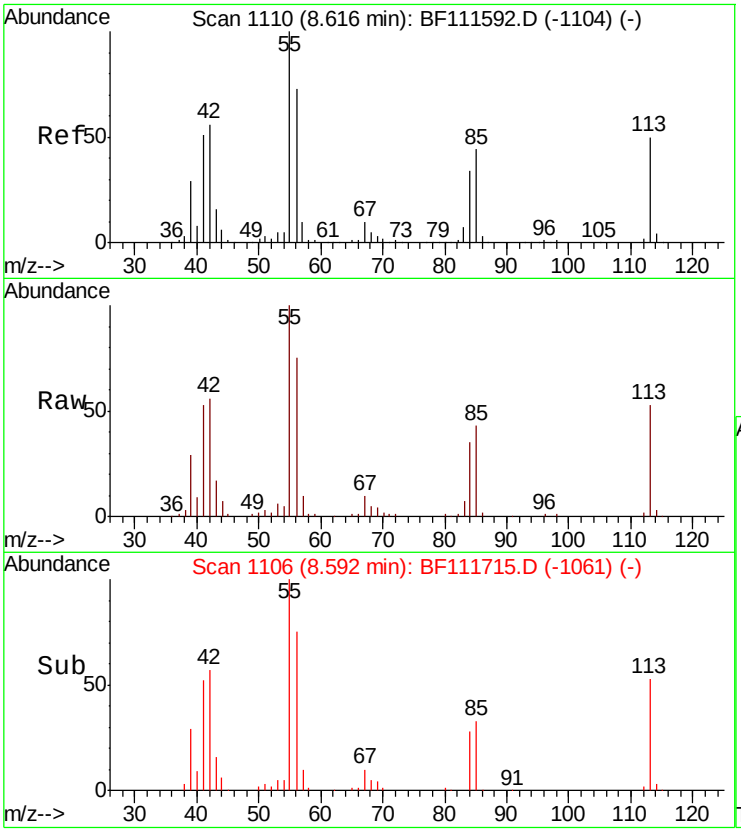




#34
Hexachlorobutadiene
Concen: 24.023 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:225 Resp: 154923

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.4 | 50.7 | 76.1 |
| 227 | 63.1 | 52.6 | 78.8 |



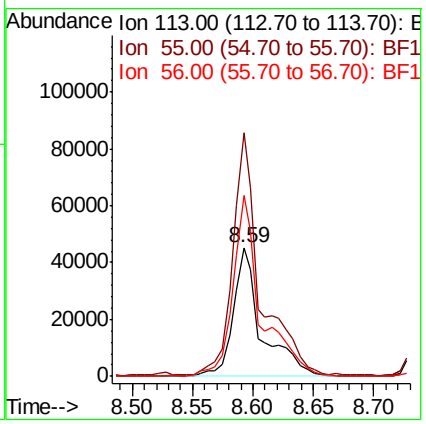


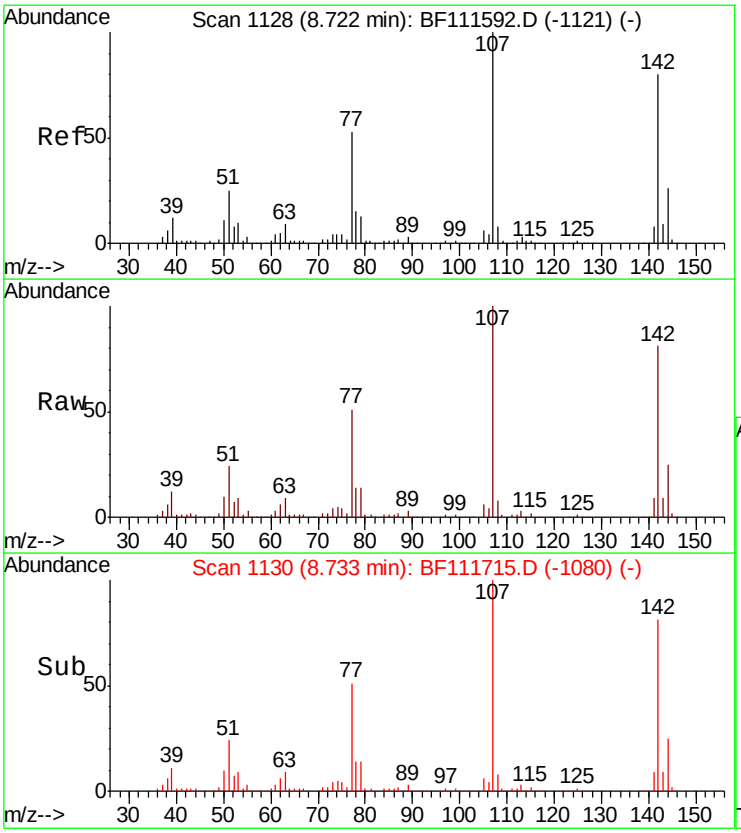

#35
Caprolactam
Concen: 22.918 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.04 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:113 Resp: 73742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 189.1 | 184.1 | 224.1 |
| 56 | 140.9 | 126.0 | 166.0 |

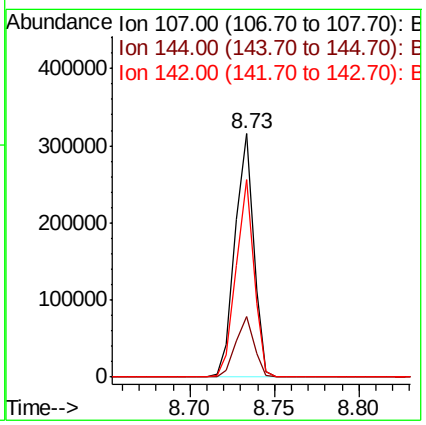


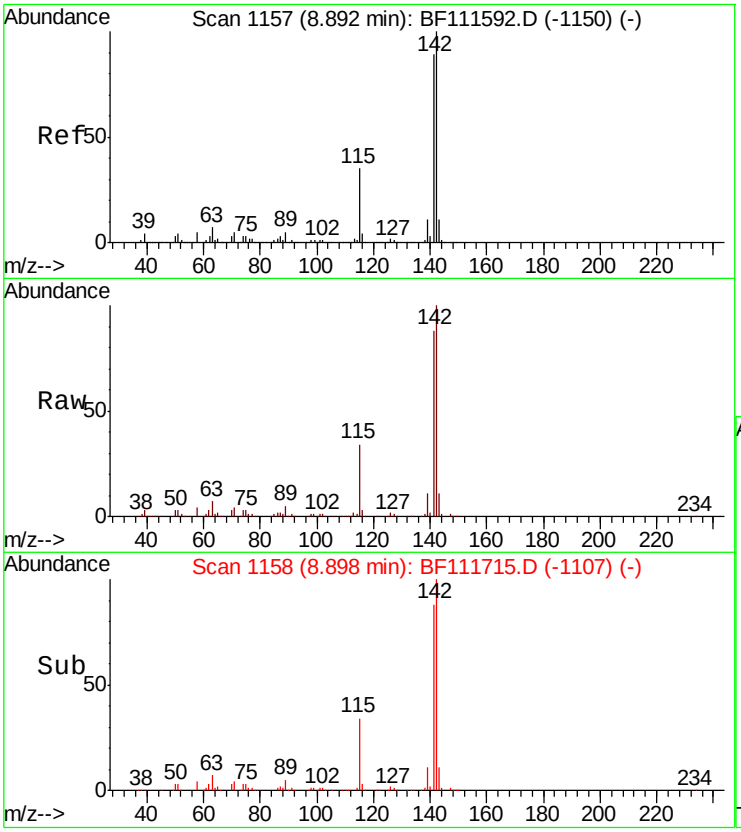




#36
4-Chloro-3-methylphenol
Concen: 26.053 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:107 Resp: 243182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.7 | 19.8 | 29.6 |
| 142 | 81.3 | 62.3 | 93.5 |



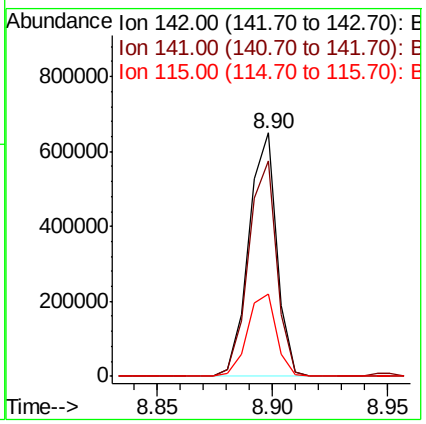


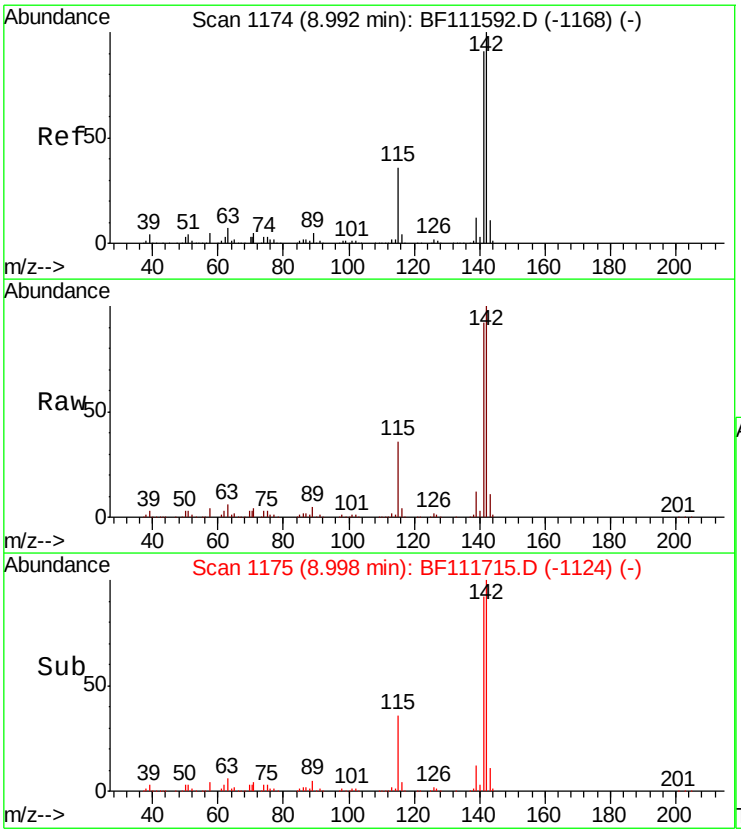

#37
2-Methylnaphthalene
Concen: 28.718 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:142 Resp: 550554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 70.6 | 105.8 |
| 115 | 34.0 | 27.0 | 40.6 |

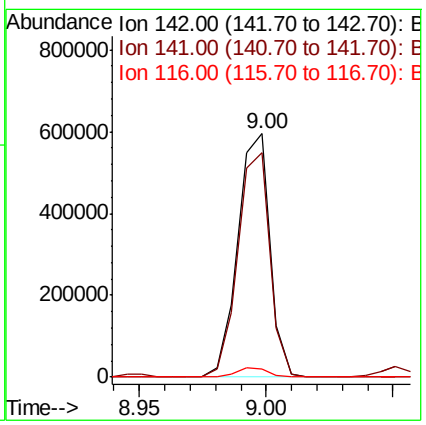


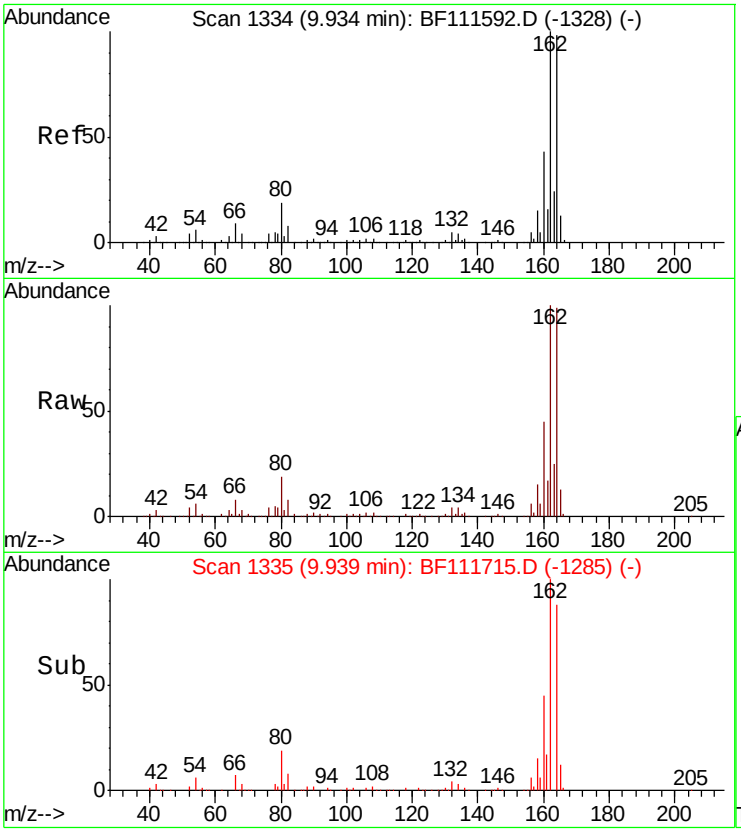




#38
1-Methylnaphthalene
Concen: 28.334 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:142 Resp: 521684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.1 | 74.2 | 111.4 |
| 116 | 3.6 | 2.9 | 4.3 |



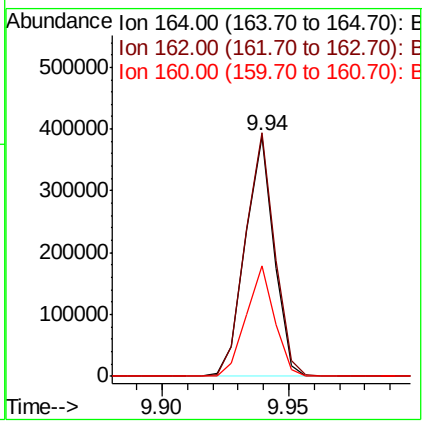


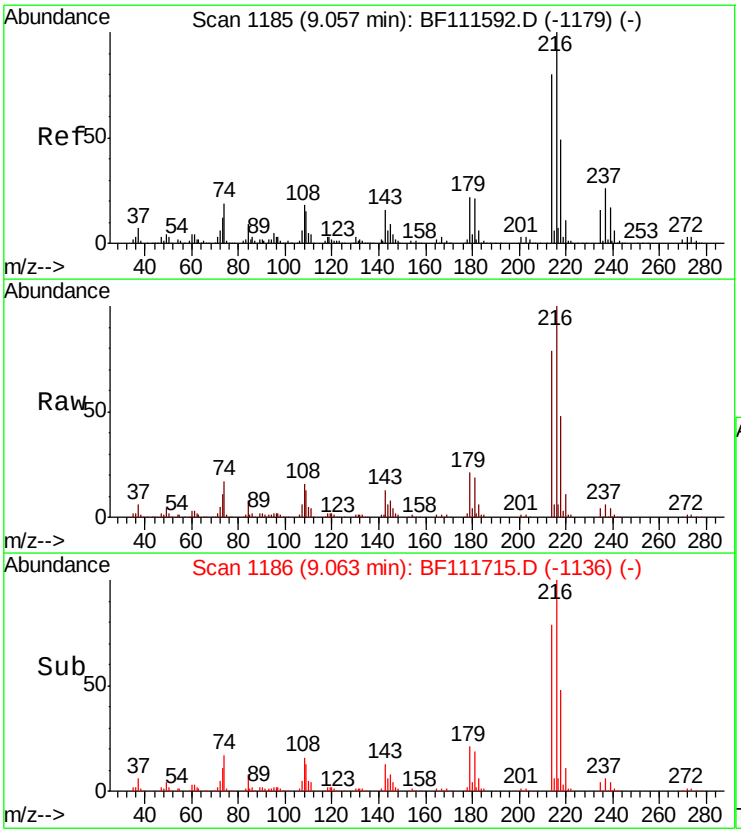

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:164 Resp: 307403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 81.4 | 122.0 |
| 160 | 45.8 | 35.7 | 53.5 |

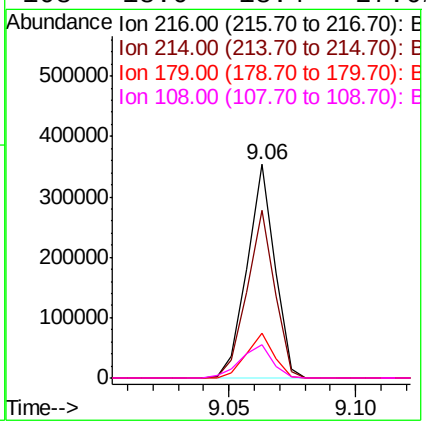


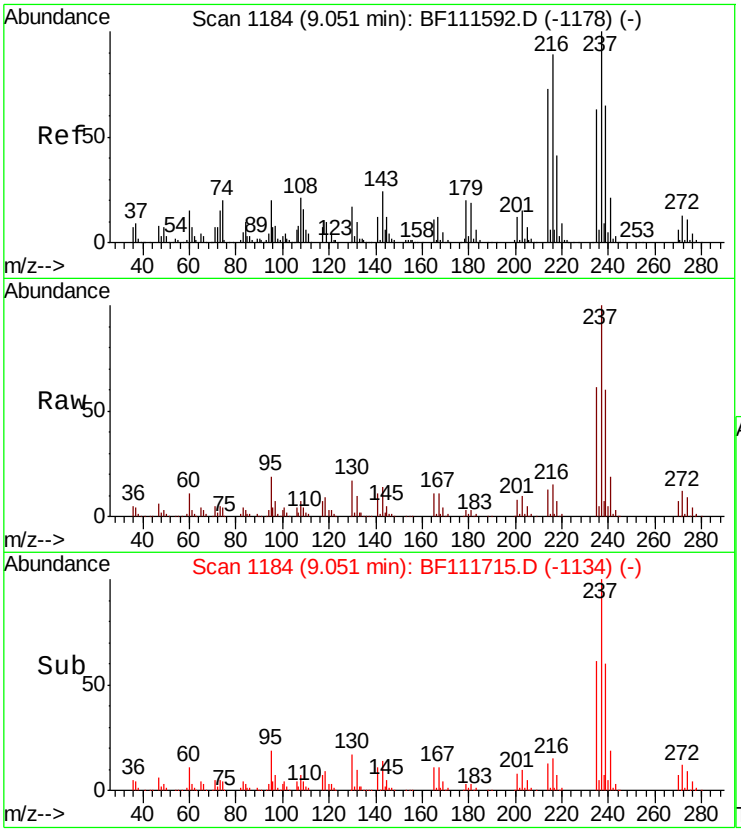




#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.729 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:216 Resp: 270000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 63.8 | 95.8 |
| 179 | 20.4 | 17.9 | 26.9 |
| 108 | 18.0 | 18.4 | 27.6# |



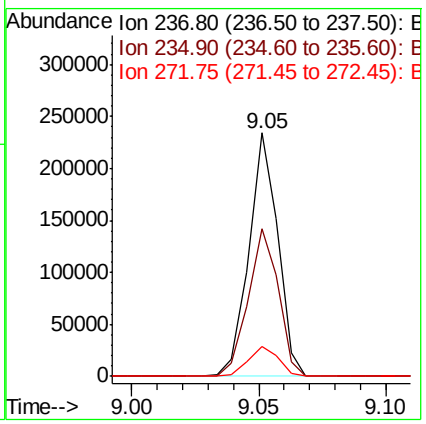


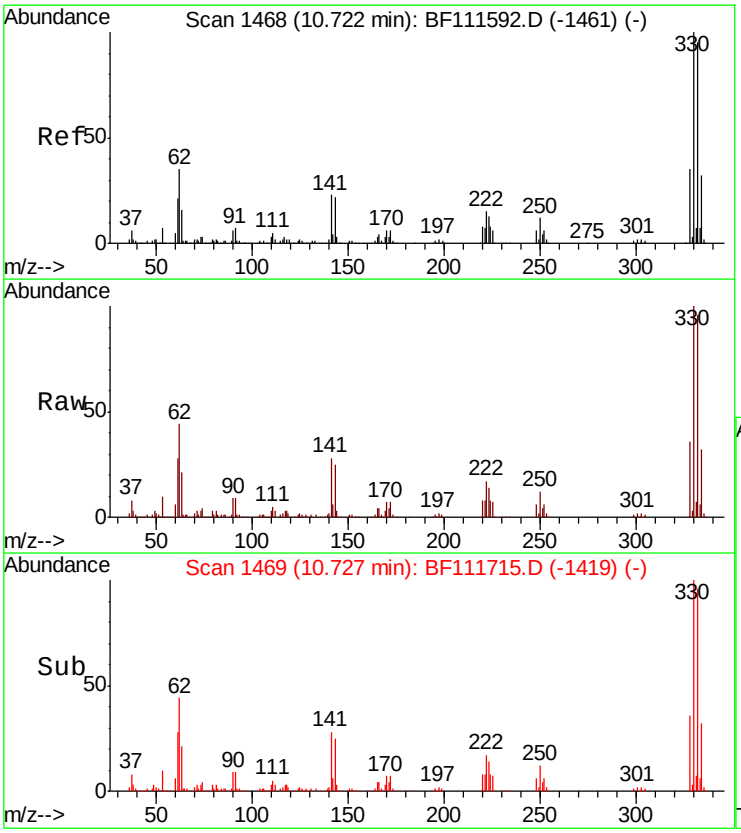

#41
Hexachlorocyclopentadiene
Concen: 37.988 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:237 Resp: 186209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.7 | 43.1 | 83.1 |
| 272 | 12.0 | 0.0 | 33.0 |

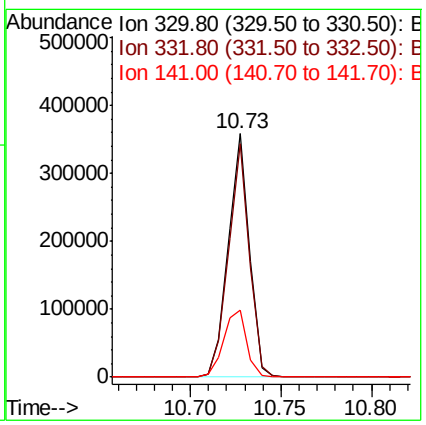


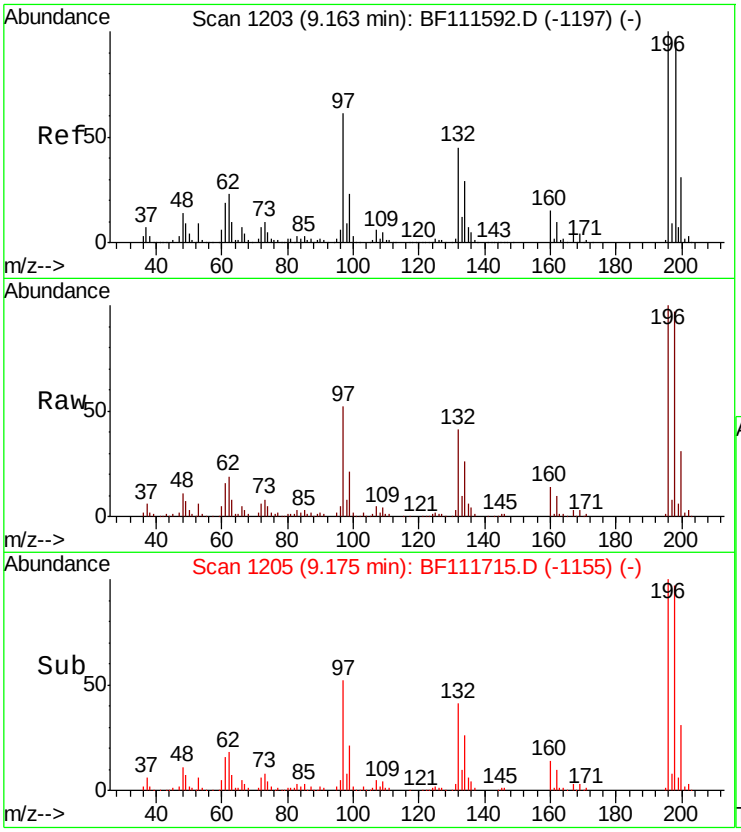




#42
2,4,6-Tribromophenol
Concen: 80.465 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:330 Resp: 292265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.2 | 76.0 | 114.0 |
| 141 | 30.1 | 31.0 | 46.6# |



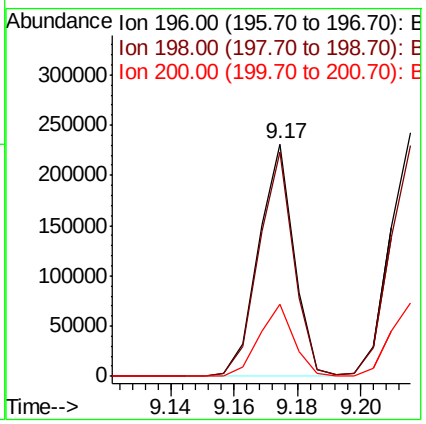


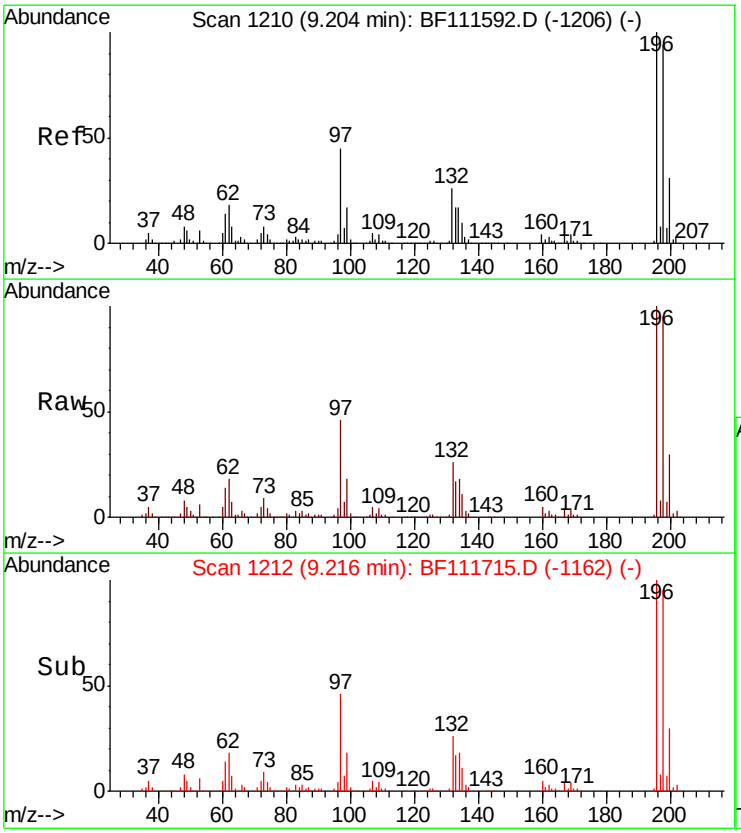

#43
2,4,6-Trichlorophenol
Concen: 26.696 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:196 Resp: 180043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 76.3 | 114.5 |
| 200 | 31.2 | 24.9 | 37.3 |

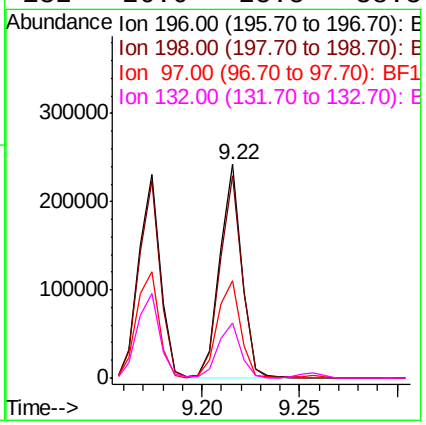


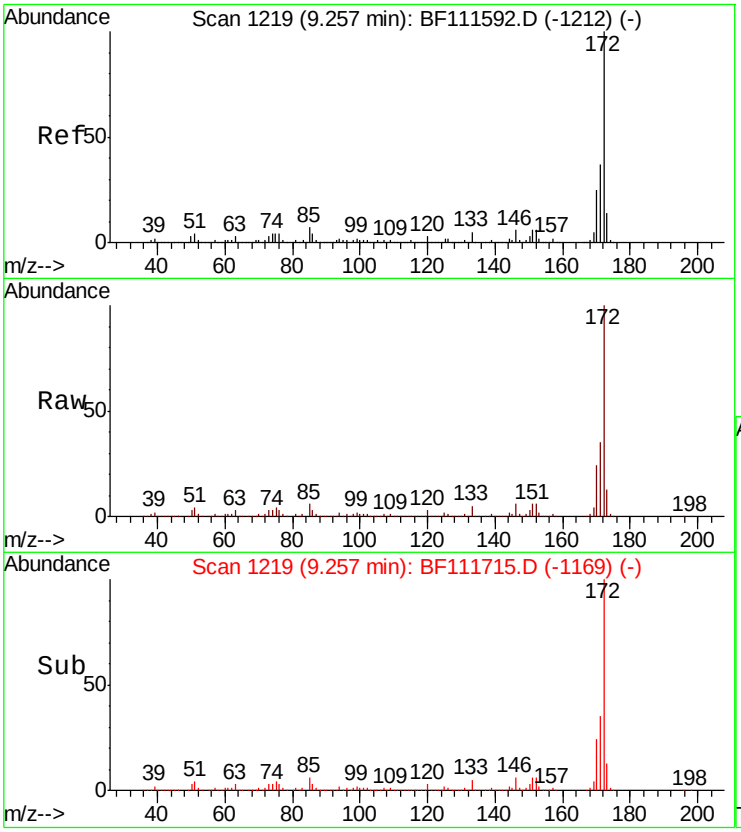




#44
2,4,5-Trichlorophenol
Concen: 27.307 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:196 Resp: 188927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.7 | 72.9 | 109.3 |
| 97 | 45.7 | 45.3 | 67.9 |
| 132 | 26.0 | 25.5 | 38.3 |



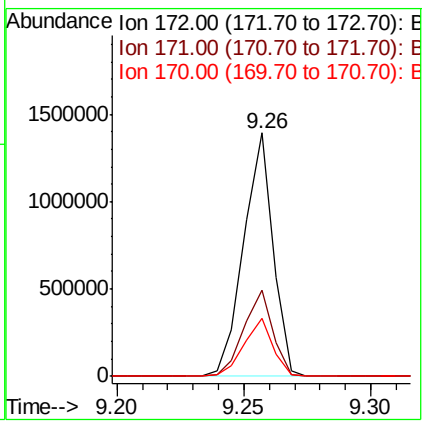


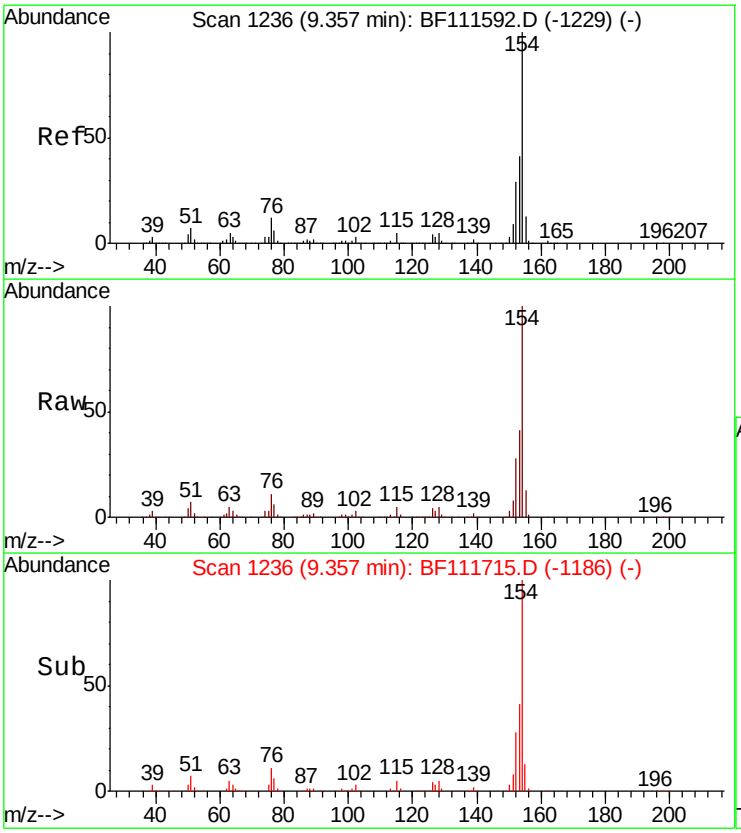

#45
2-Fluorobiphenyl
Concen: 53.446 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:172 Resp: 1127172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 33.0 | 49.4 |
| 170 | 23.7 | 22.3 | 33.5 |

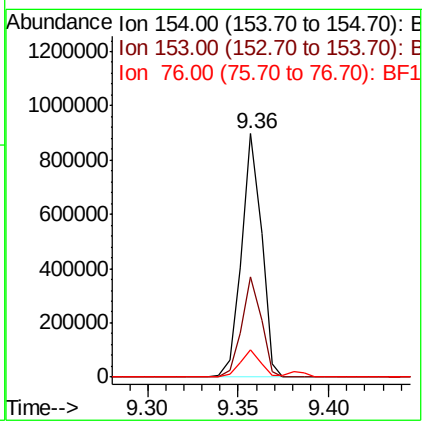


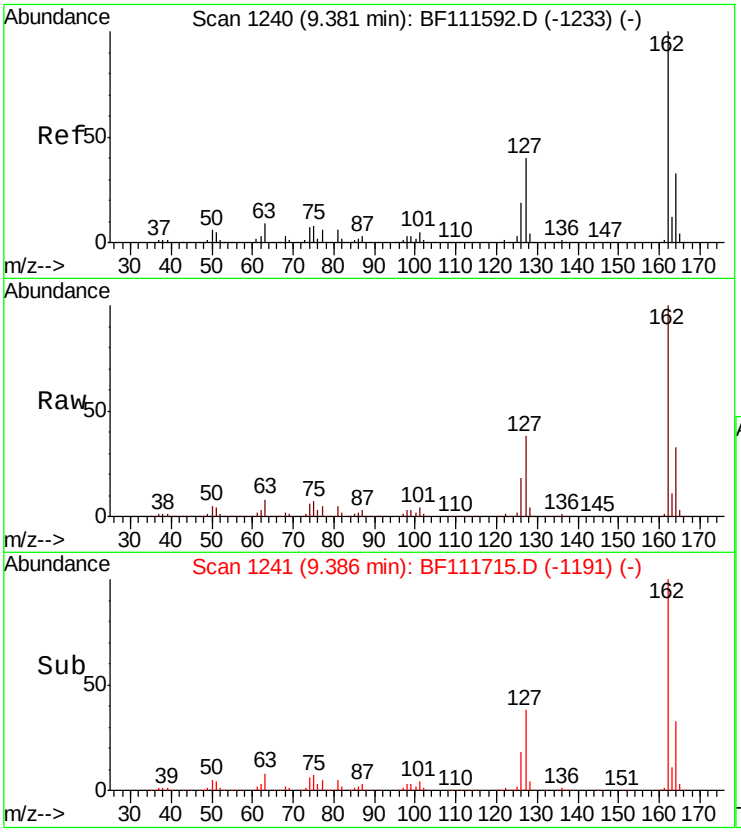




#46
1,1'-Biphenyl
Concen: 26.502 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:154 Resp: 687714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 23.7 | 63.7 |
| 76 | 11.3 | 0.0 | 35.0 |

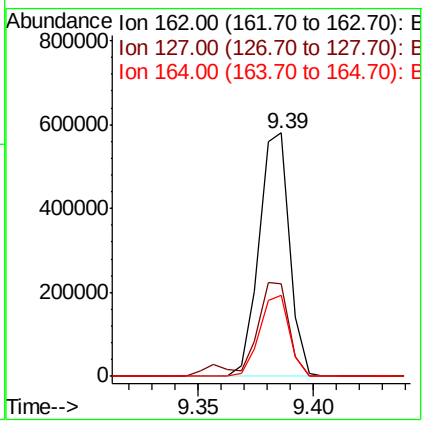




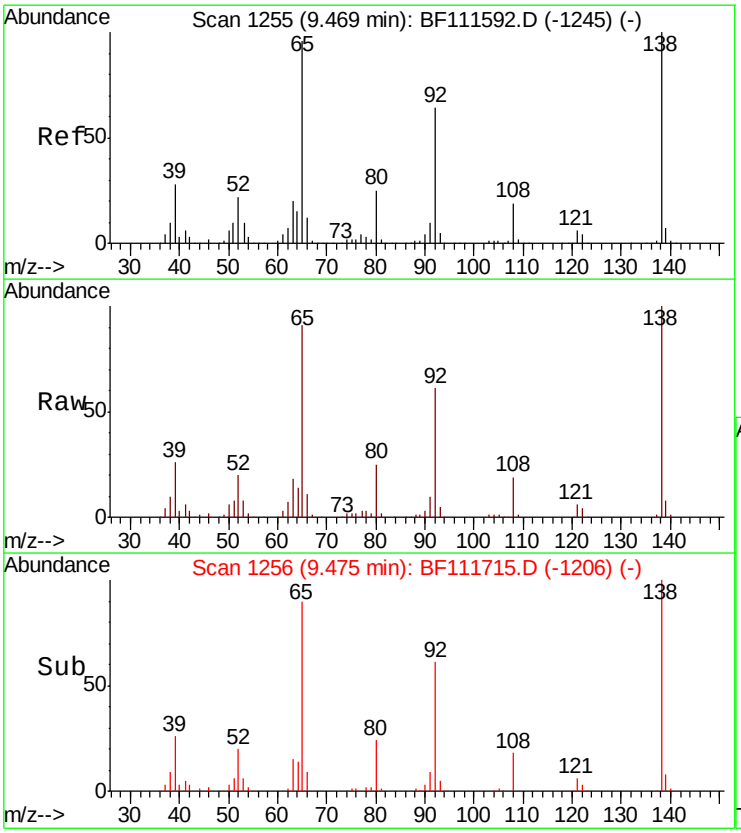

#47
2-Chloronaphthalene
Concen: 26.007 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:162 Resp: 534687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 37.9 | 35.0 | 52.4 |
| 164 | 33.3 | 28.4 | 42.6 |



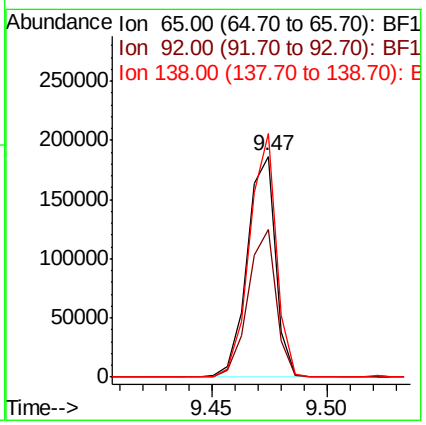

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

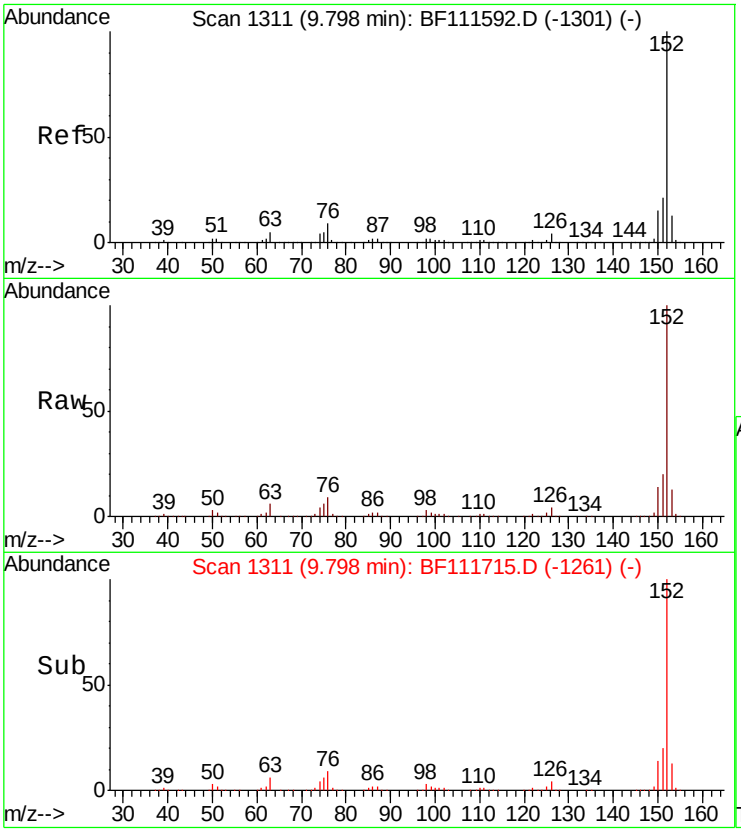



#48
2-Nitroaniline
Concen: 30.013 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion: 65 Resp: 160524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 67.0 | 53.5 | 80.3 |
| 138 | 110.4 | 80.9 | 121.3 |



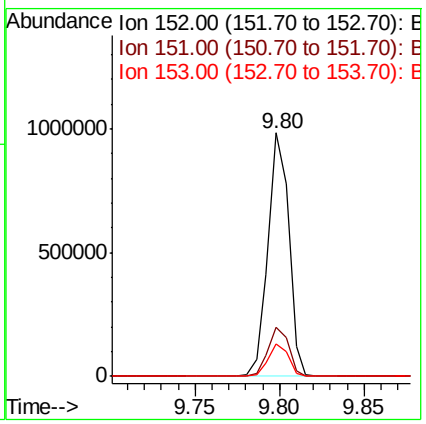


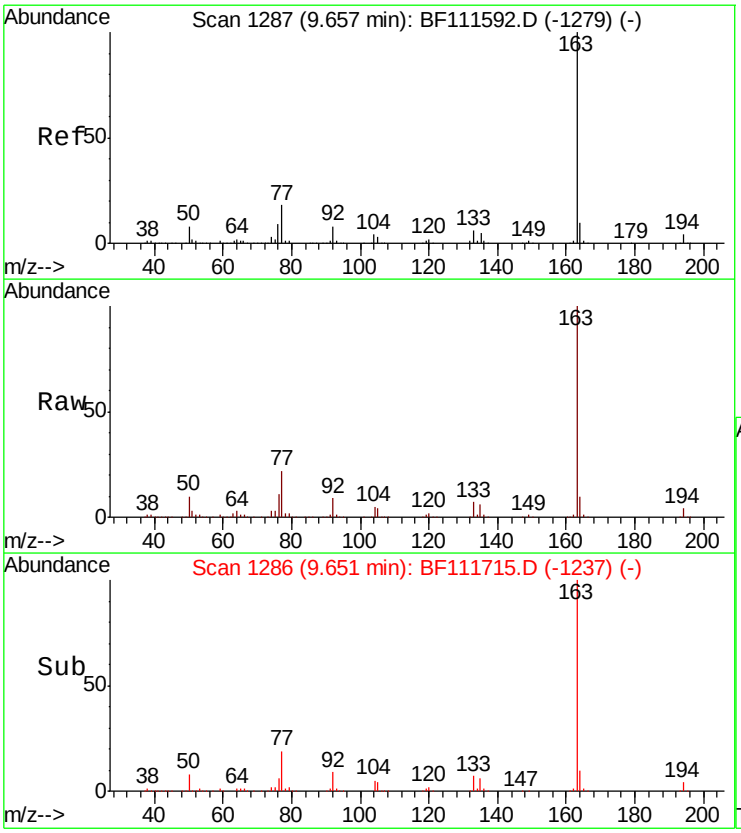

#49
Acenaphthylene
Concen: 27.973 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:152 Resp: 839709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 18.0 | 27.0 |
| 153 | 13.4 | 12.3 | 18.5 |

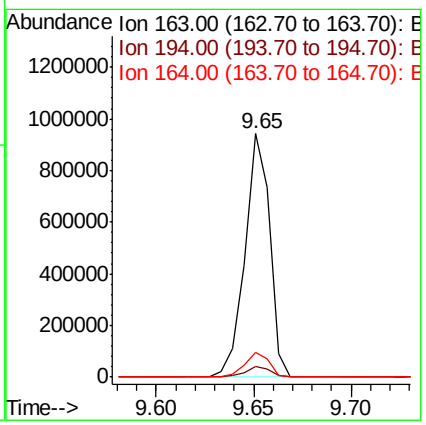


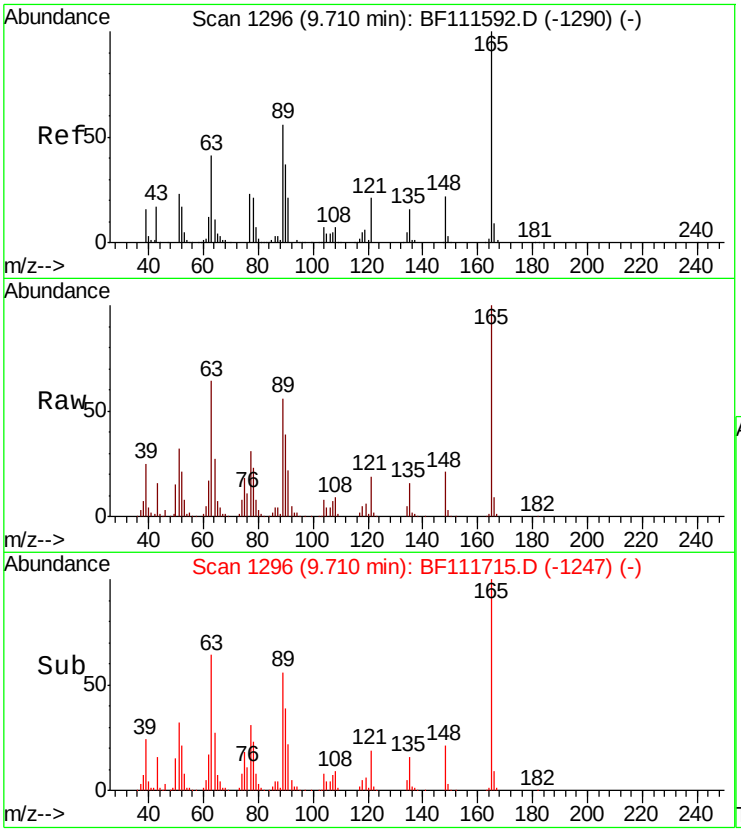




#50
Dimethylphthalate
Concen: 36.678 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:163 Resp: 824507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.0 | 4.6 |
| 164 | 10.3 | 8.9 | 13.3 |



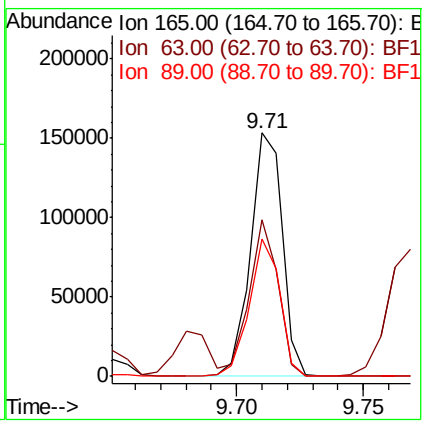


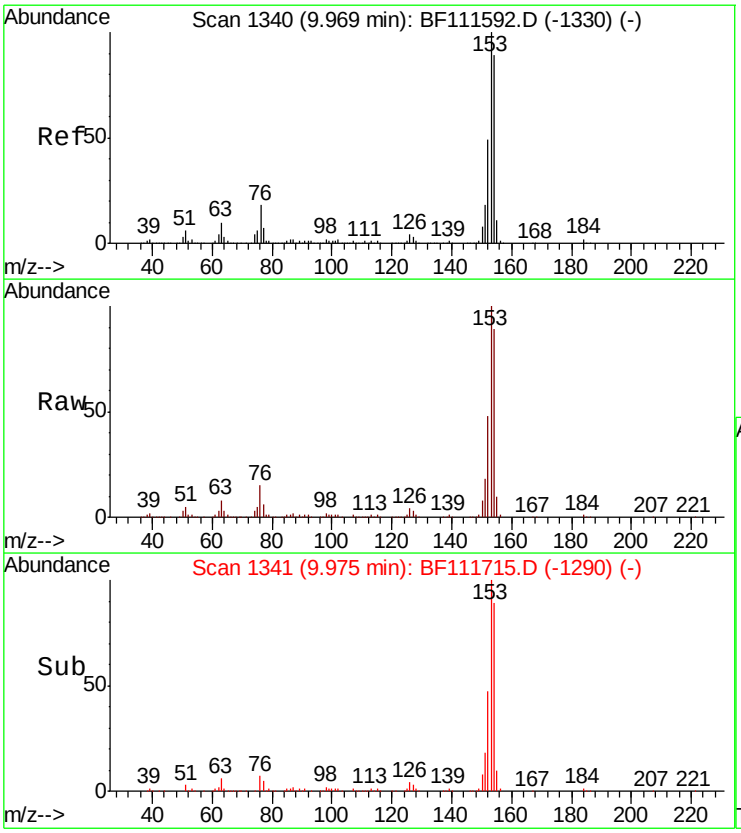

#51
2,6-Dinitrotoluene
Concen: 30.061 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:165 Resp: 134744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.1 | 40.5 | 60.7# |
| 89 | 56.2 | 40.0 | 60.0 |

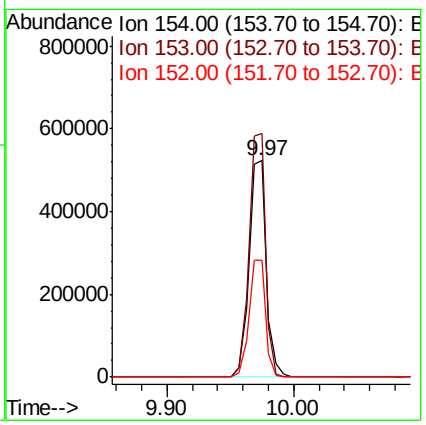


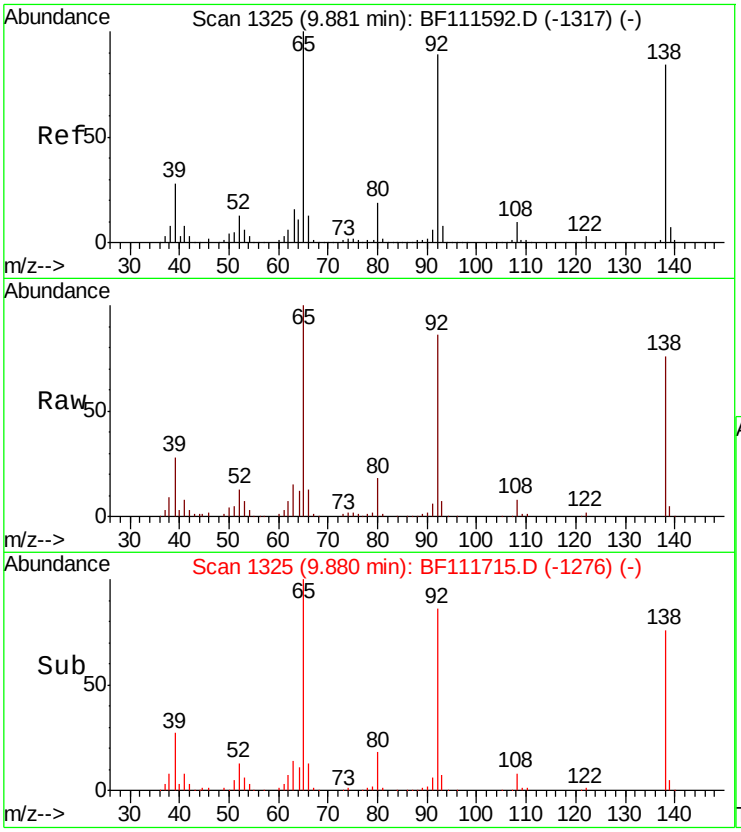




#52
Acenaphthene
Concen: 26.818 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:154 Resp: 496505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.5 | 87.8 | 131.8 |
| 152 | 53.8 | 43.4 | 65.2 |



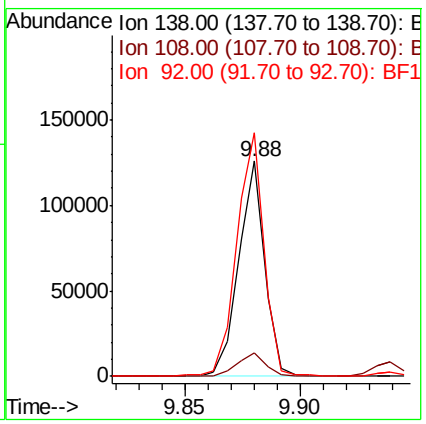


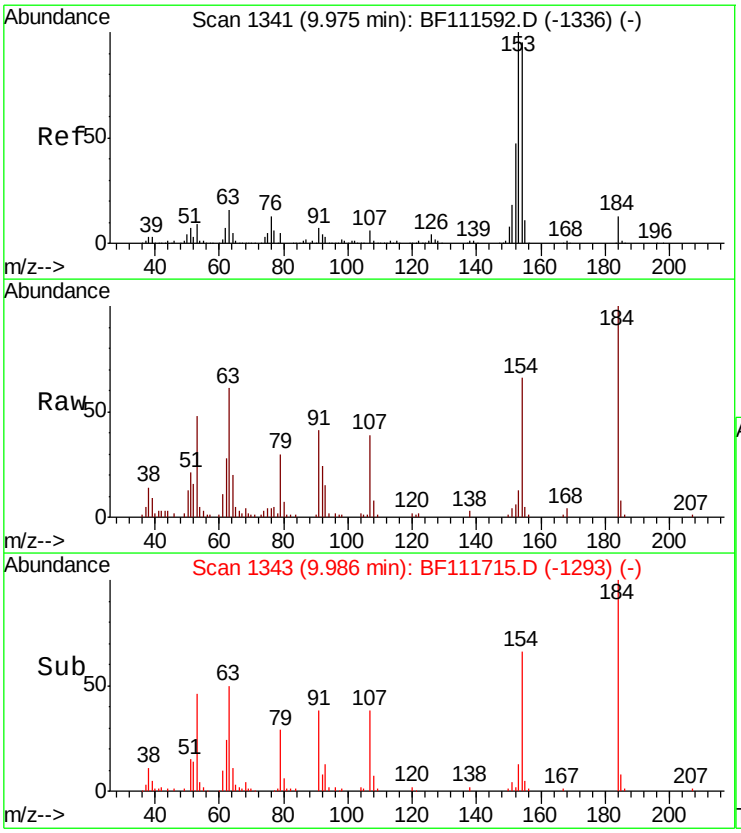

#53
3-Nitroaniline
Concen: 20.677 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:138 Resp: 98846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.0 | 8.2 | 12.4 |
| 92 | 113.2 | 93.4 | 140.2 |

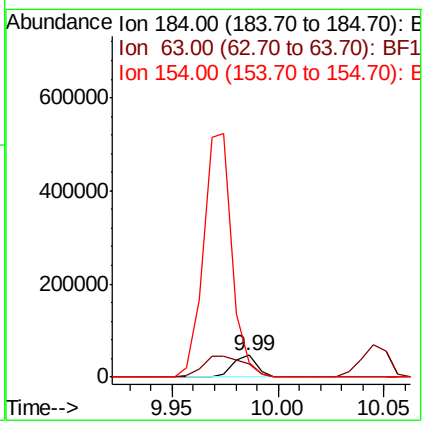


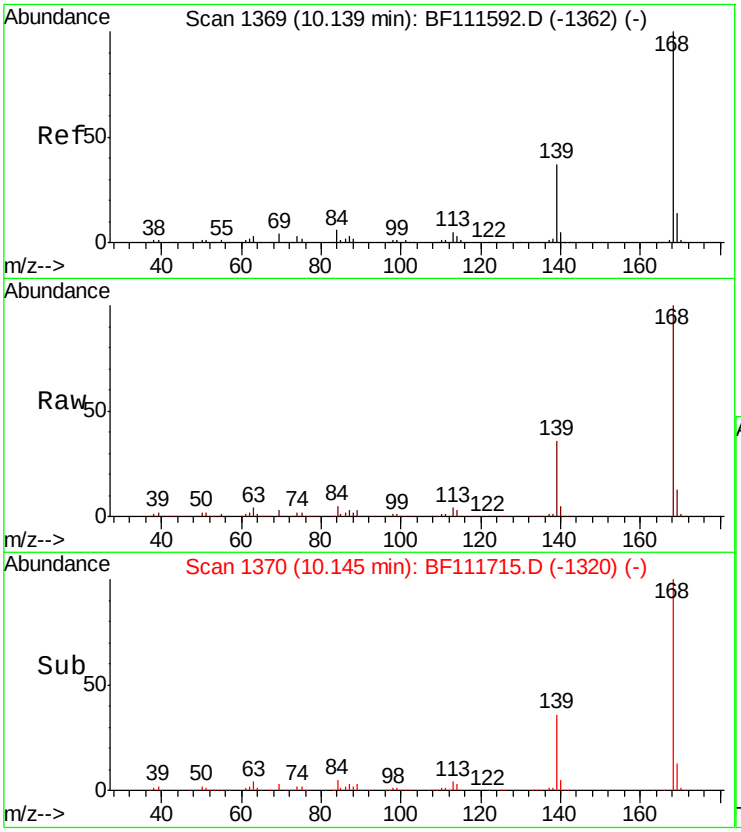




#54
2,4-Dinitrophenol
Concen: 31.469 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:184 Resp: 38251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 61.1 | 62.3 | 93.5# |
| 154 | 66.4 | 56.2 | 84.2 |



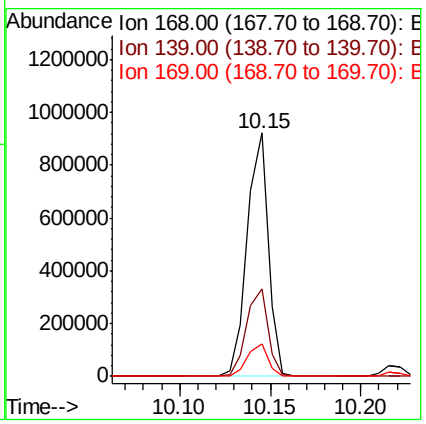


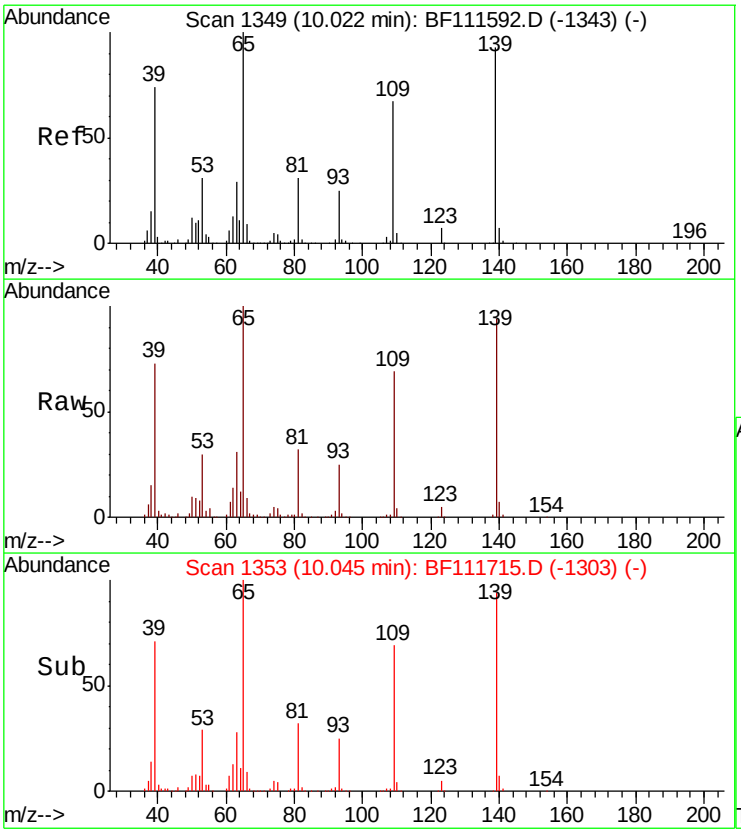

#55
Dibenzofuran
Concen: 26.731 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:168 Resp: 747680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 35.8 | 32.6 | 49.0 |
| 169 | 13.3 | 11.8 | 17.6 |

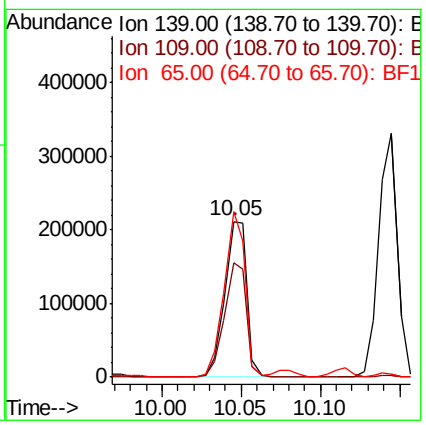


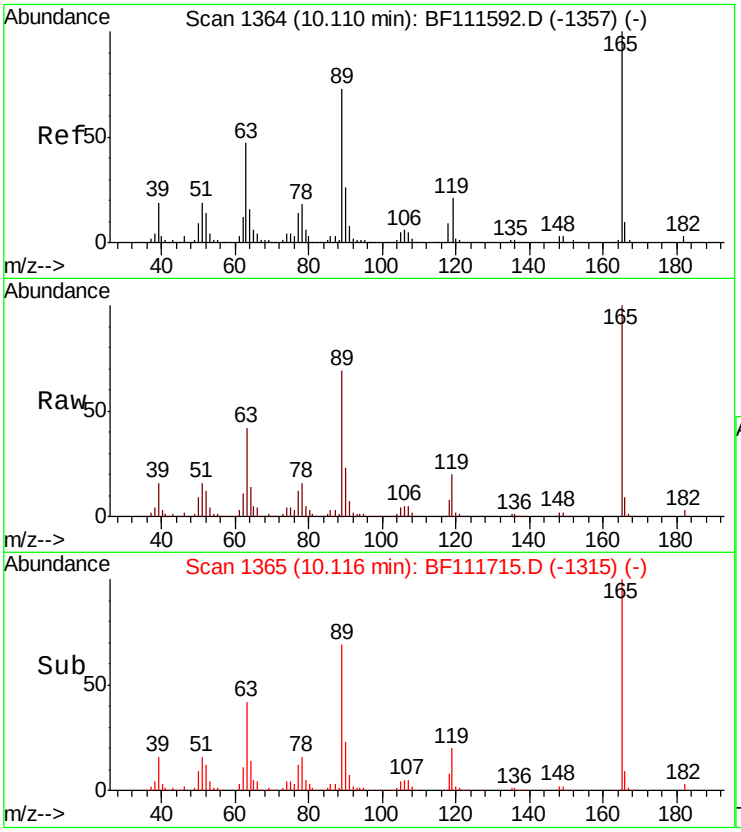




#56
4-Nitrophenol
Concen: 56.345 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:139 Resp: 205559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 73.4 | 41.8 | 81.8 |
| 65 | 106.3 | 79.6 | 119.6 |



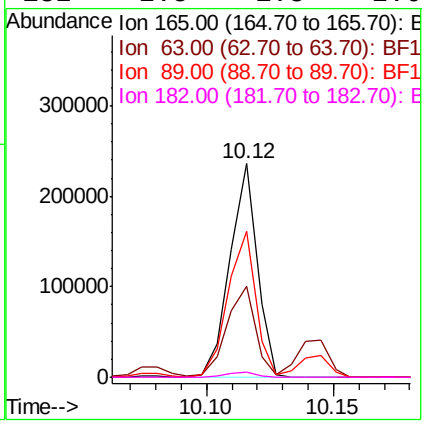


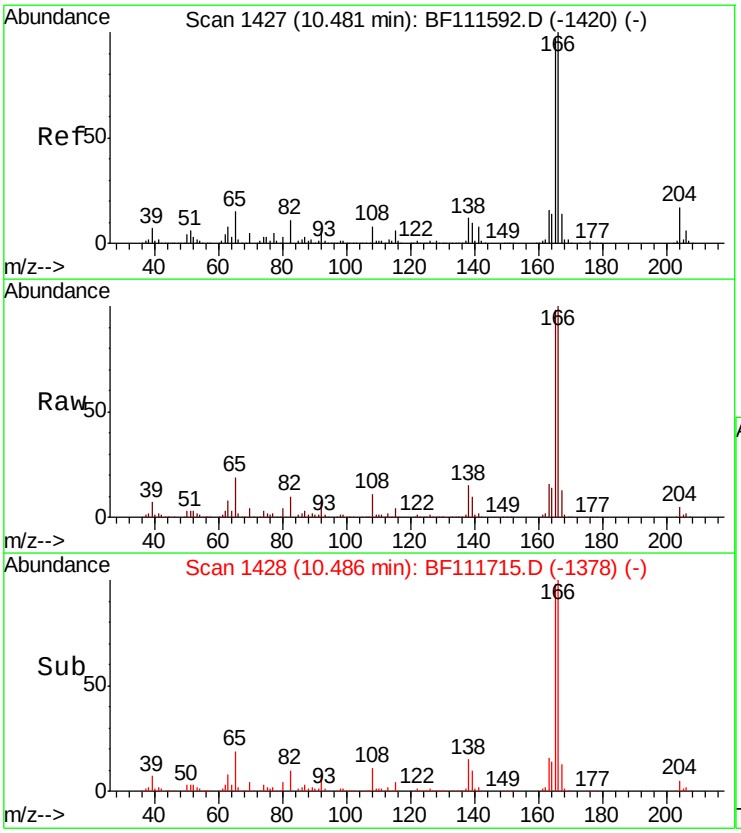

#57
2,4-Dinitrotoluene
Concen: 32.891 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:165 Resp: 177190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.3 | 34.6 | 52.0 |
| 89 | 68.5 | 56.2 | 84.4 |
| 182 | 2.5 | 1.8 | 2.6 |

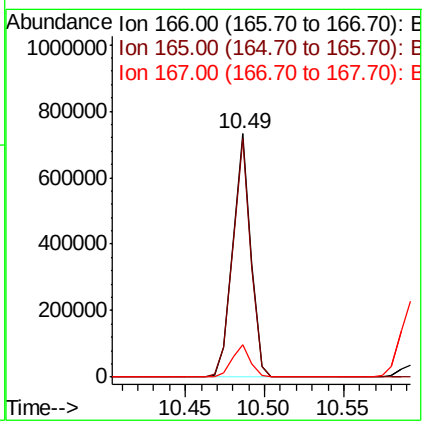


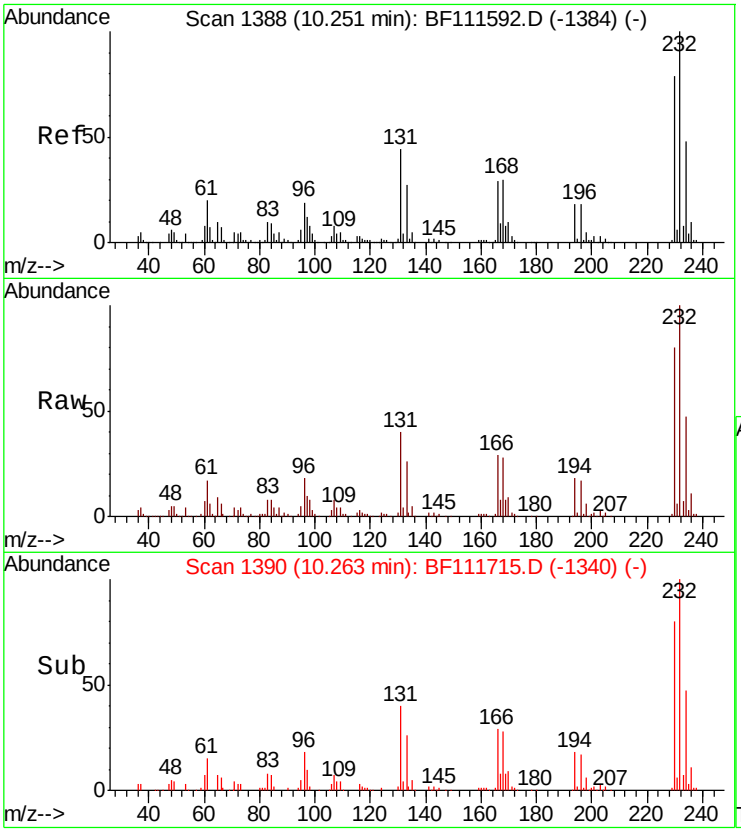




#58
Fluorene
Concen: 28.587 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:166 Resp: 576177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 78.4 | 117.6 |
| 167 | 13.1 | 11.2 | 16.8 |



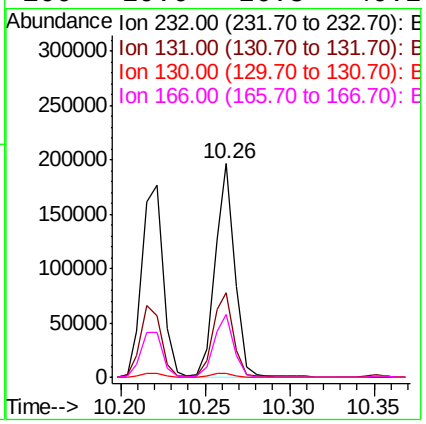


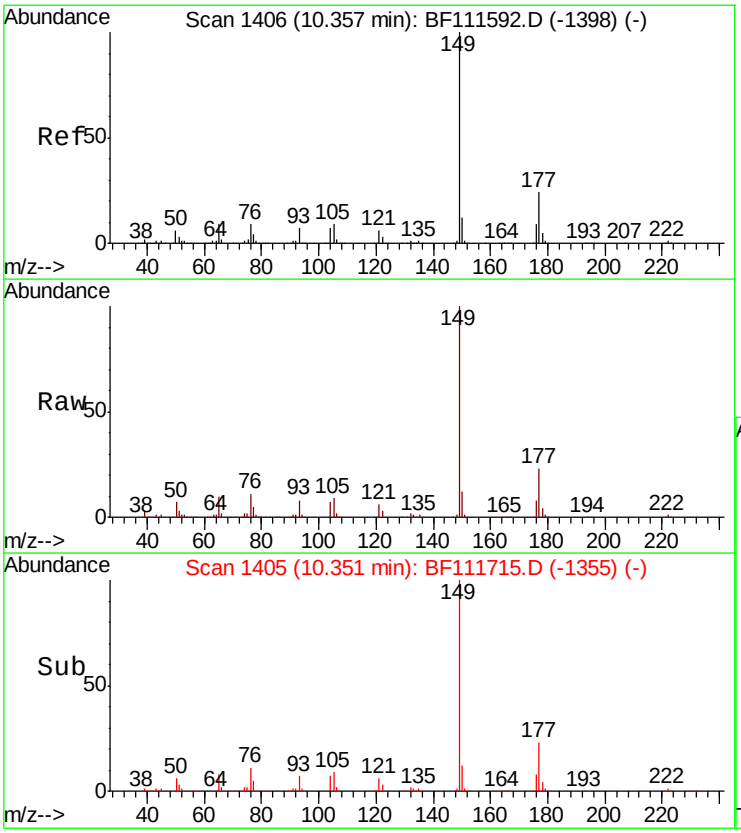

#59
2,3,4,6-Tetrachlorophenol
Concen: 27.331 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:232 Resp: 159134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.1 | 40.9 | 61.3 |
| 130 | 2.3 | 2.0 | 3.0 |
| 166 | 29.6 | 26.8 | 40.2 |

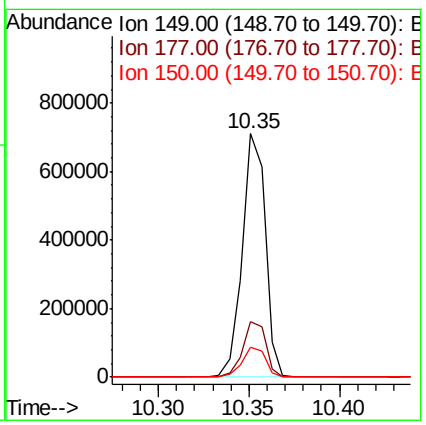


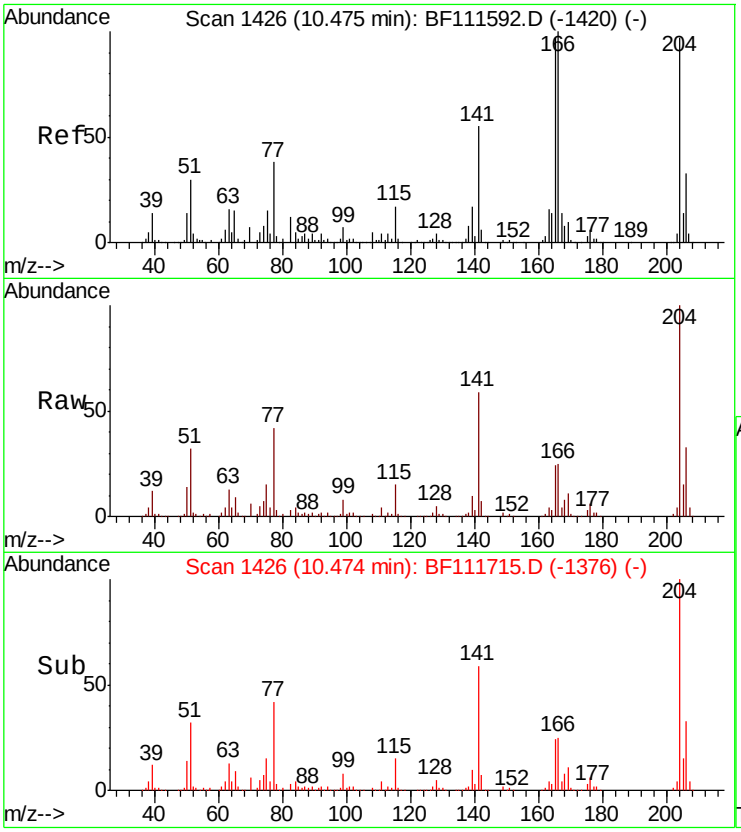




#60
Diethylphthalate
Concen: 28.387 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:149 Resp: 625969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 18.3 | 27.5 |
| 150 | 12.3 | 10.6 | 15.8 |



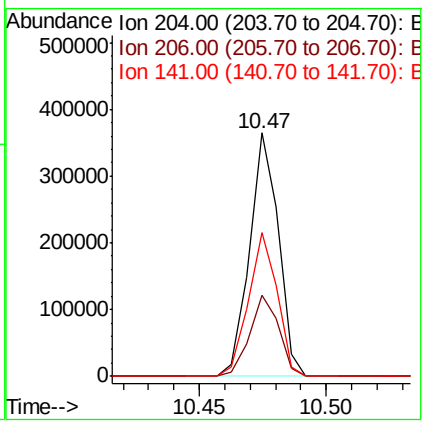


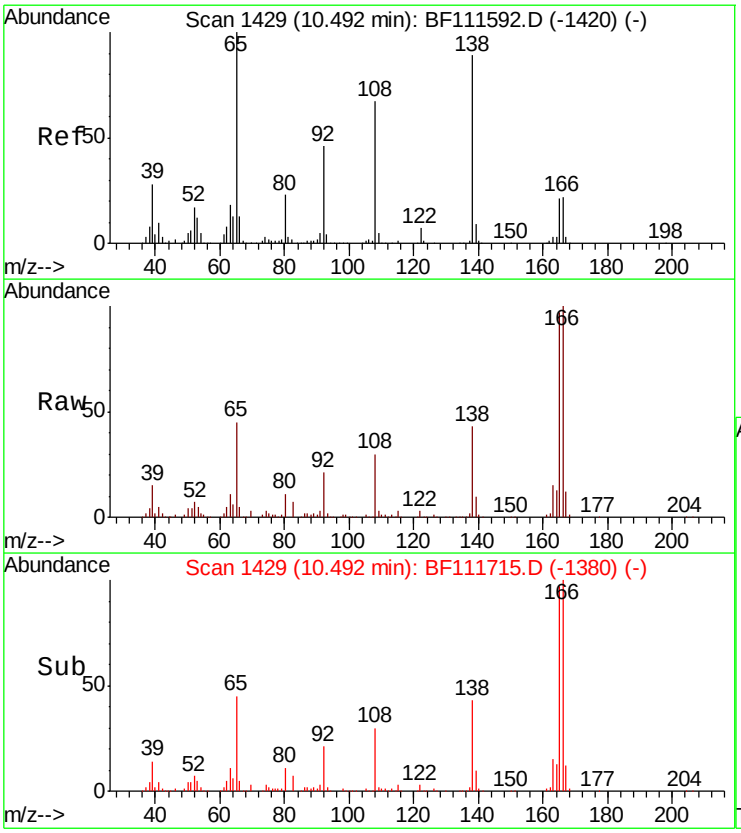

#61
4-Chlorophenyl-phenylether
Concen: 25.996 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:204 Resp: 289480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.2 | 26.6 | 39.8 |
| 141 | 59.0 | 52.6 | 78.8 |

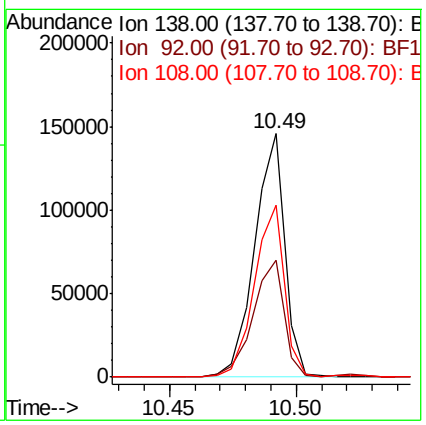


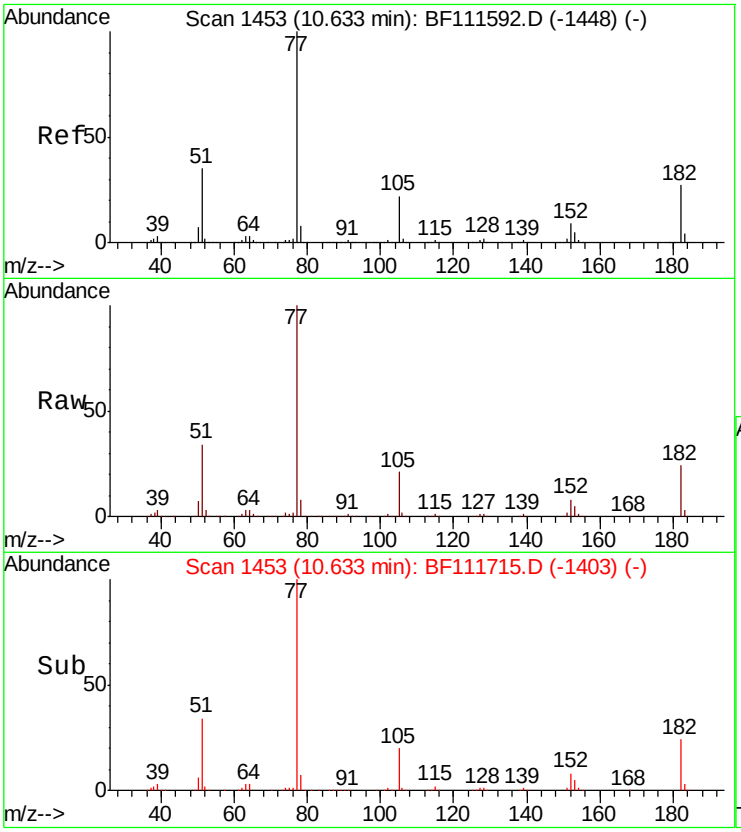




#62
4-Nitroaniline
Concen: 26.057 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:138 Resp: 121066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 48.2 | 29.9 | 69.9 |
| 108 | 70.4 | 43.2 | 83.2 |



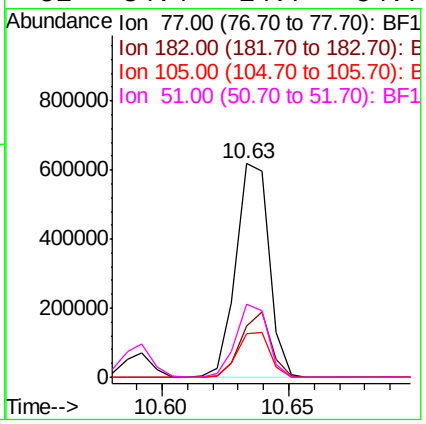


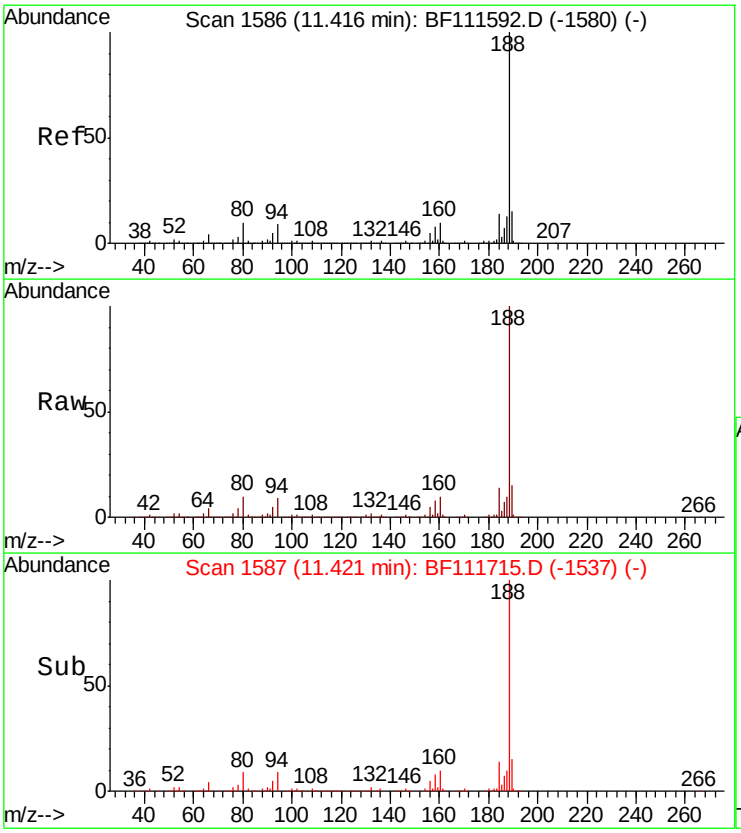

#63
Azobenzene
Concen: 25.438 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion: 77 Resp: 563133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.1 | 4.9 | 44.9 |
| 105 | 20.6 | 6.0 | 46.0 |
| 51 | 34.4 | 14.7 | 54.7 |

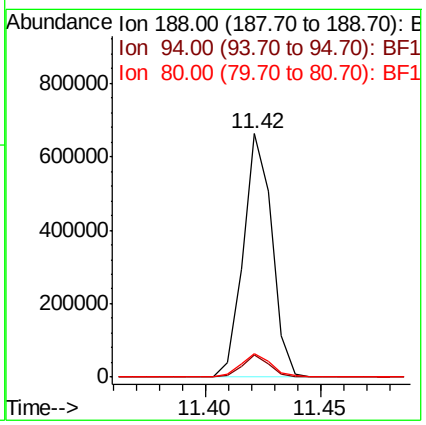


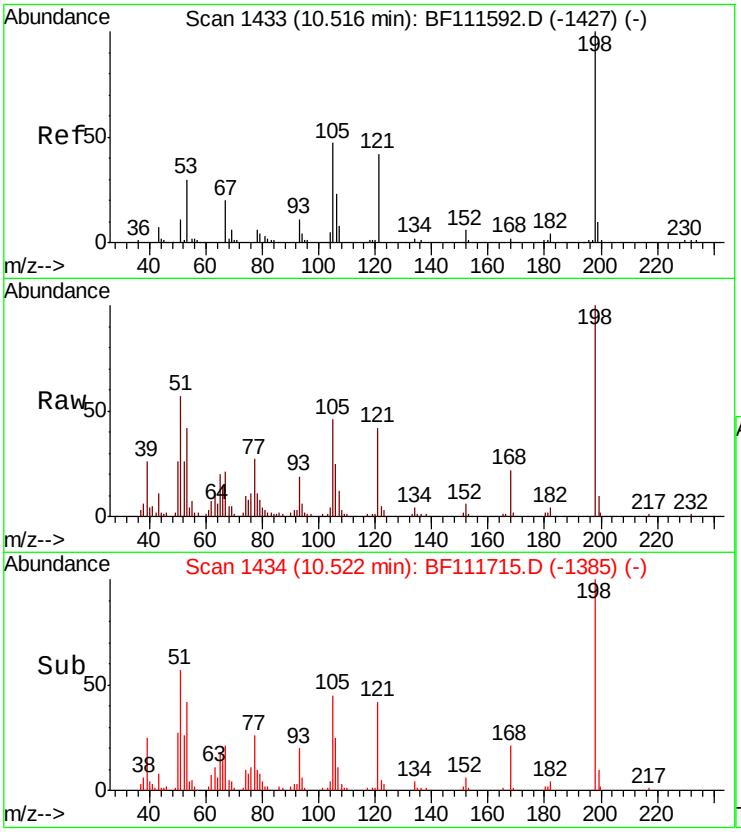




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:188 Resp: 574880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 9.6 | 14.4# |
| 80 | 9.6 | 9.8 | 14.6# |



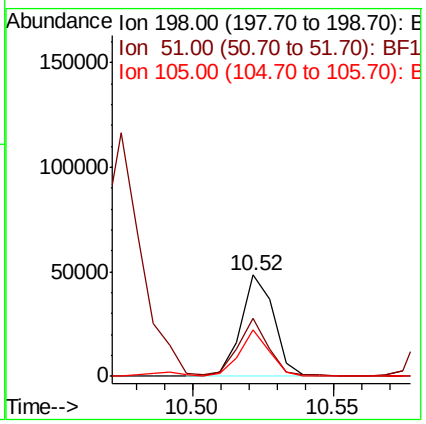


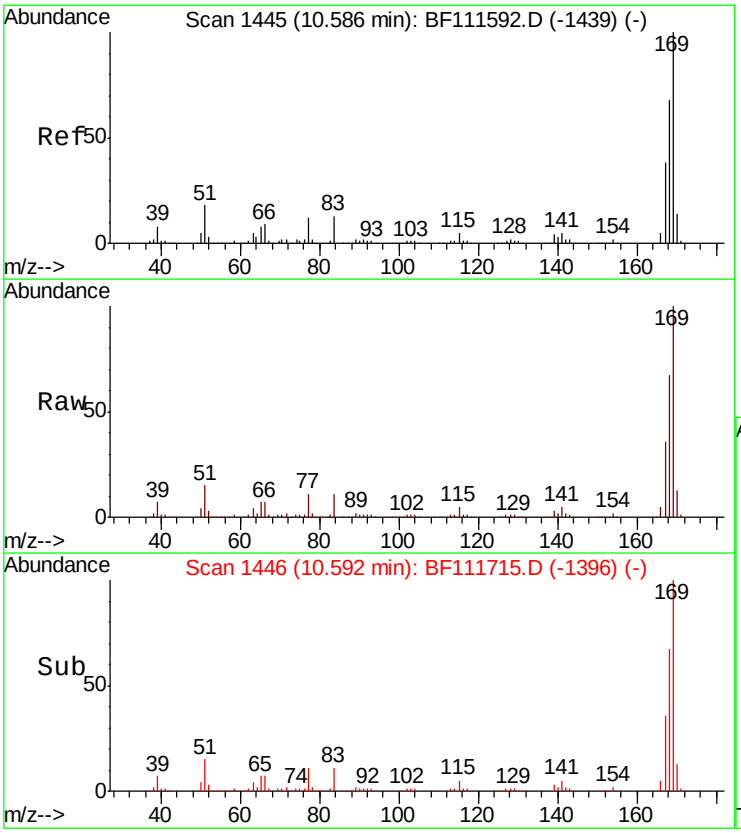

#65
4,6-Dinitro-2-methylphenol
Concen: 20.830 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:198 Resp: 39030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 56.9 | 48.0 | 88.0 |
| 105 | 46.1 | 34.0 | 74.0 |

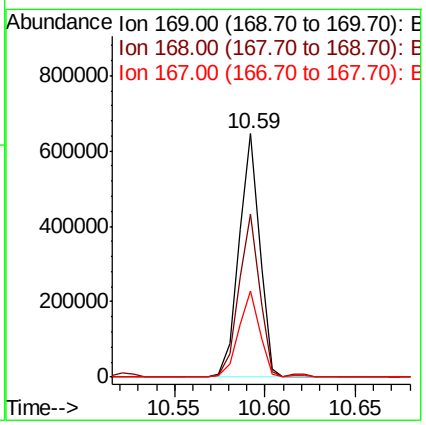


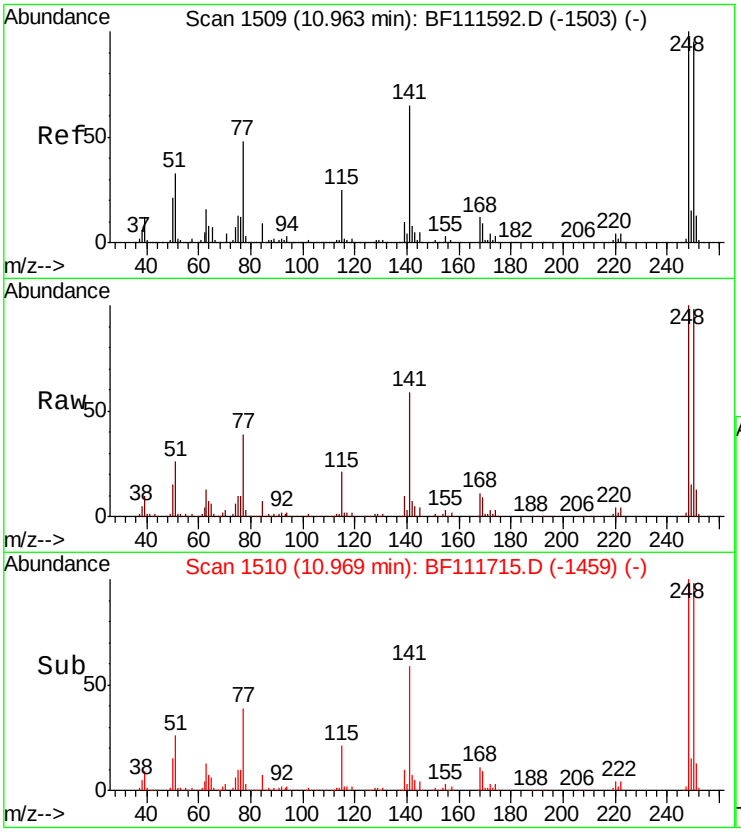




#66
n-Nitrosodiphenylamine
Concen: 26.486 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:169 Resp: 511109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.9 | 54.4 | 81.6 |
| 167 | 35.5 | 30.5 | 45.7 |



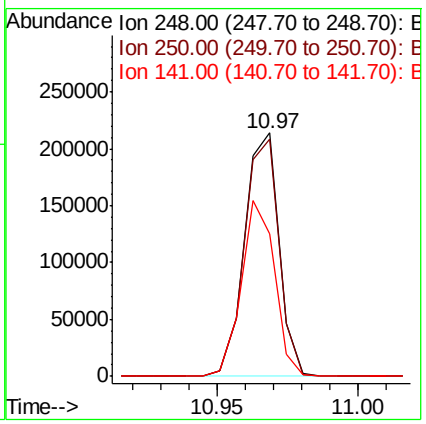


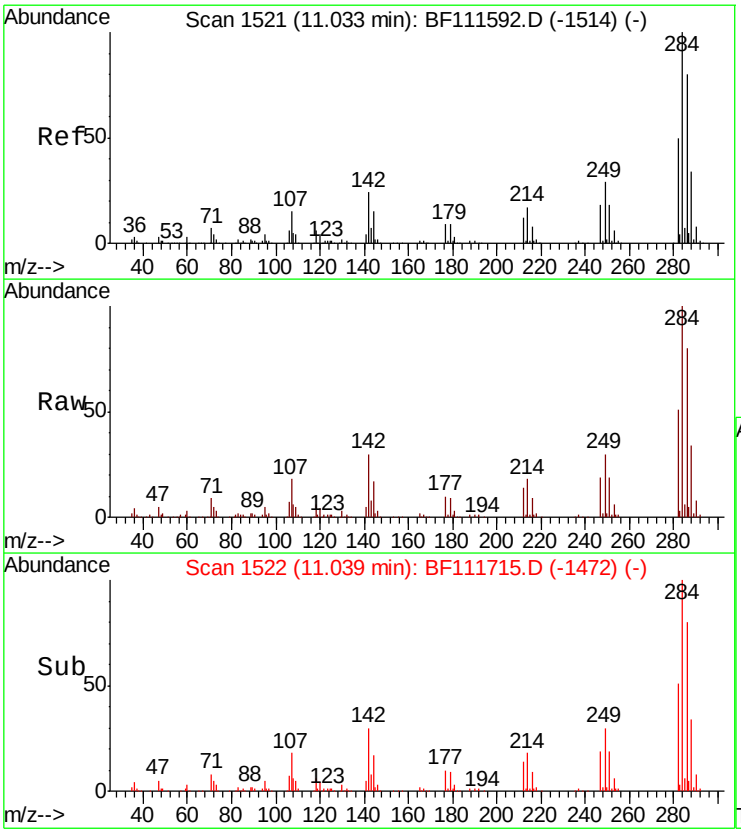

#67
4-Bromophenyl-phenylether
Concen: 25.380 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:248 Resp: 180970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.7 | 77.0 | 115.4 |
| 141 | 58.8 | 63.0 | 94.6# |

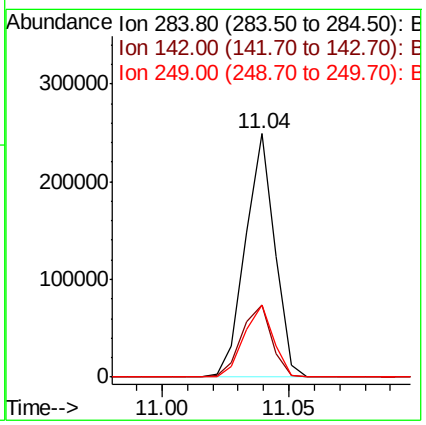


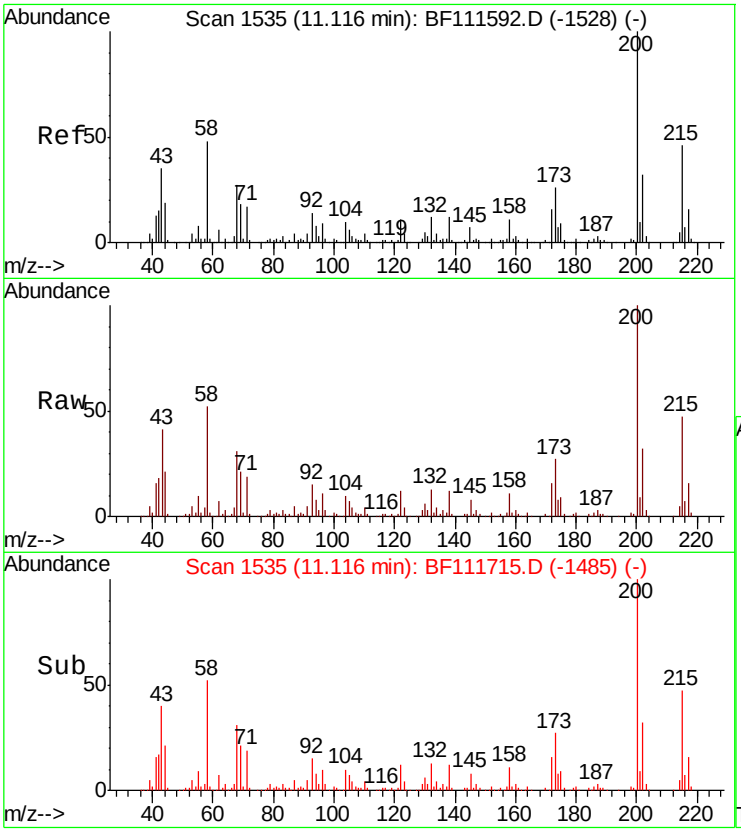




#68
Hexachlorobenzene
Concen: 25.268 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:284 Resp: 200889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 29.8 | 27.4 | 41.2 |
| 249 | 29.9 | 24.4 | 36.6 |



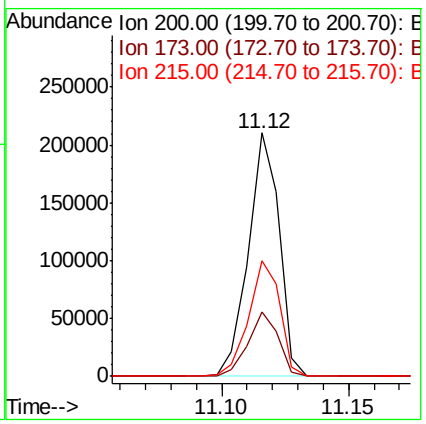


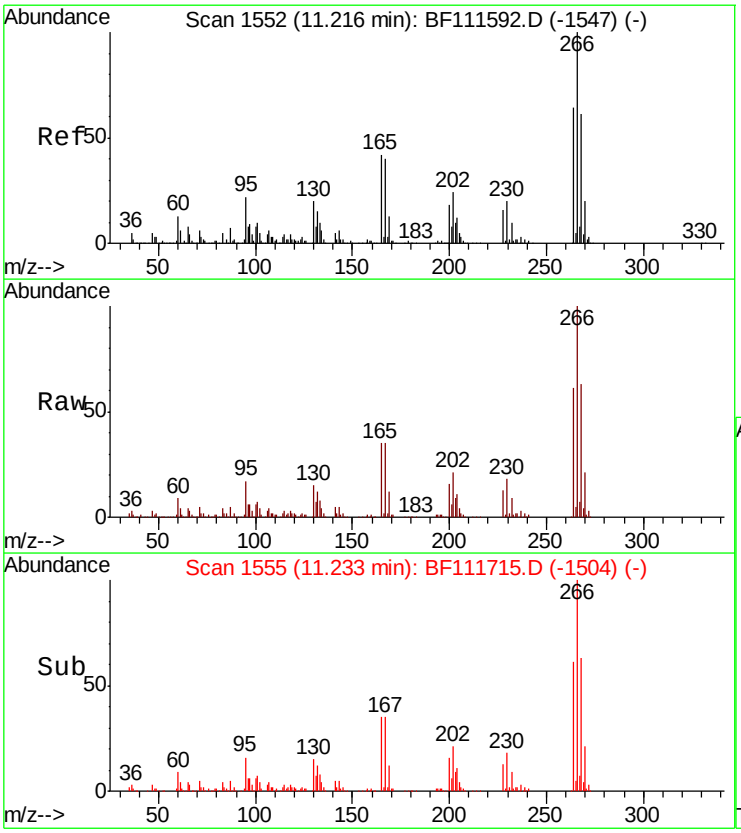

#69
Atrazine
Concen: 26.597 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:200 Resp: 178308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 10.1 | 50.1 |
| 215 | 47.4 | 26.9 | 66.9 |

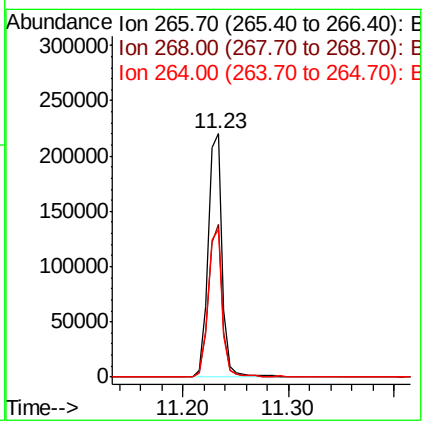


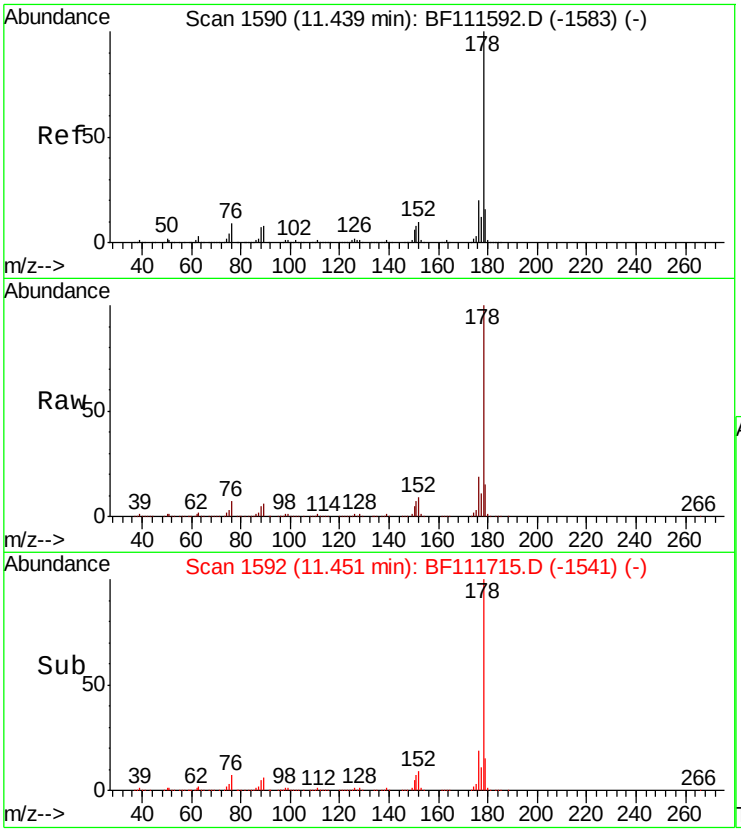




#70
Pentachlorophenol
Concen: 42.354 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:266 Resp: 208169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.5 | 47.9 | 71.9 |
| 264 | 60.9 | 49.1 | 73.7 |



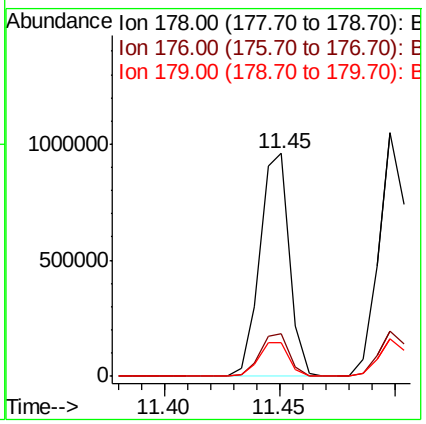


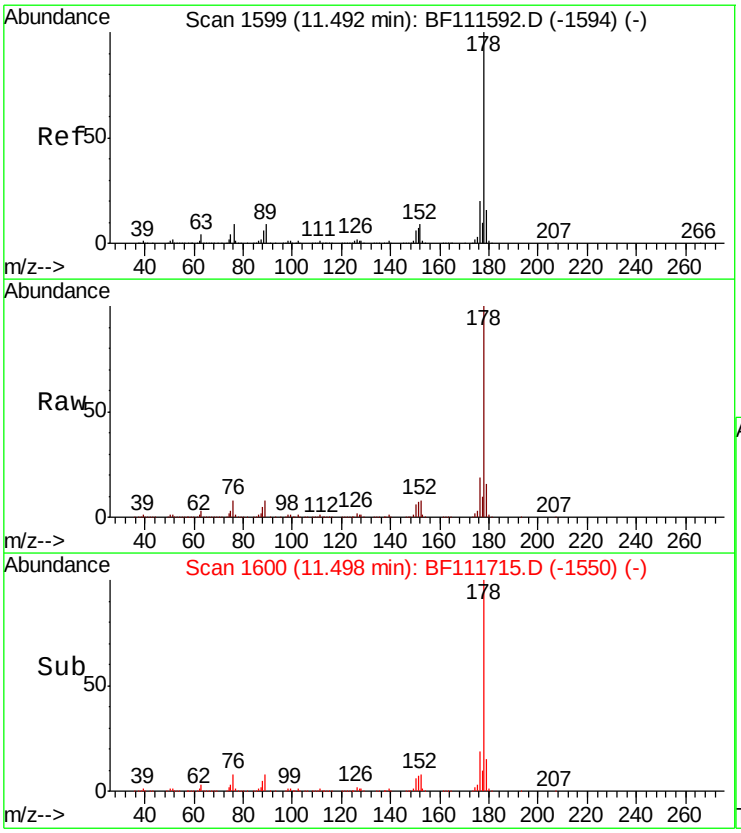

#71
Phenanthrene
Concen: 28.175 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:178 Resp: 859009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 18.1 | 27.1 |
| 179 | 15.2 | 14.0 | 21.0 |

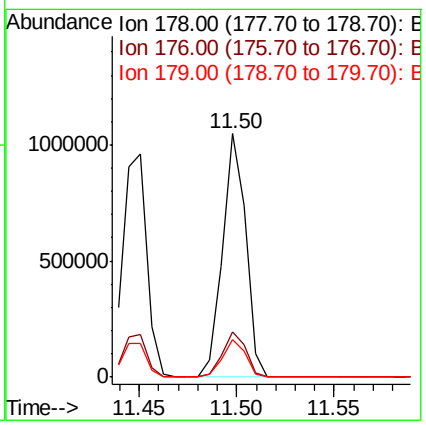


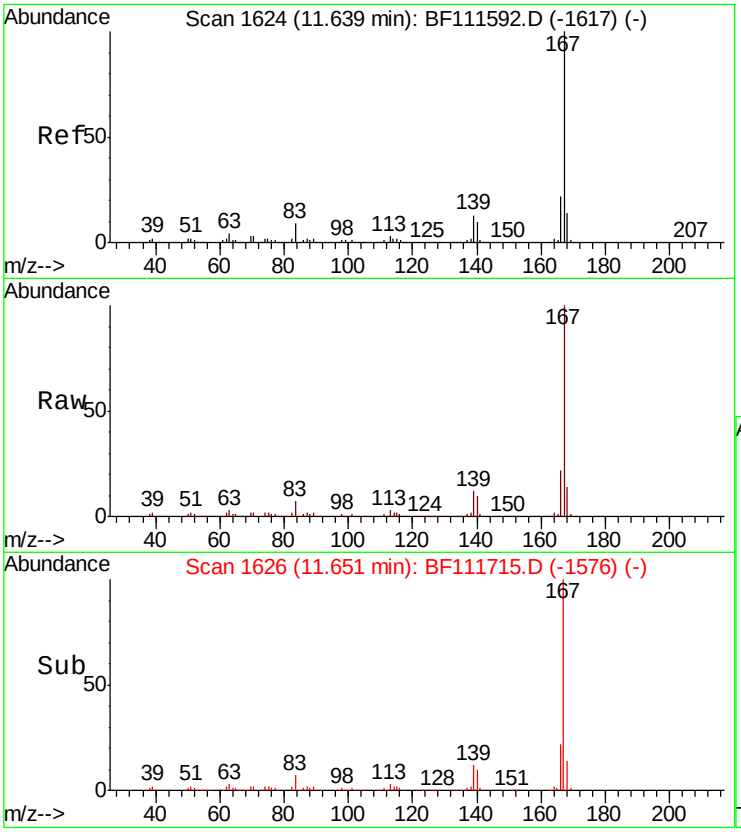




#72
Anthracene
Concen: 28.264 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:178 Resp: 864930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 17.2 | 25.8 |
| 179 | 15.5 | 13.8 | 20.8 |



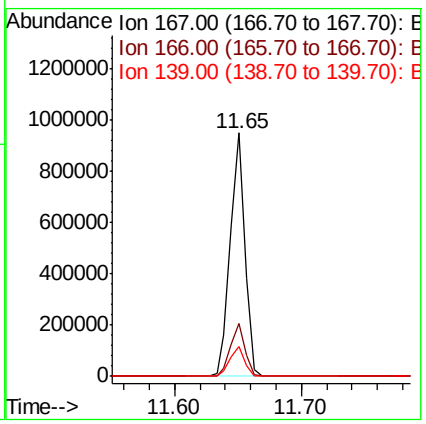


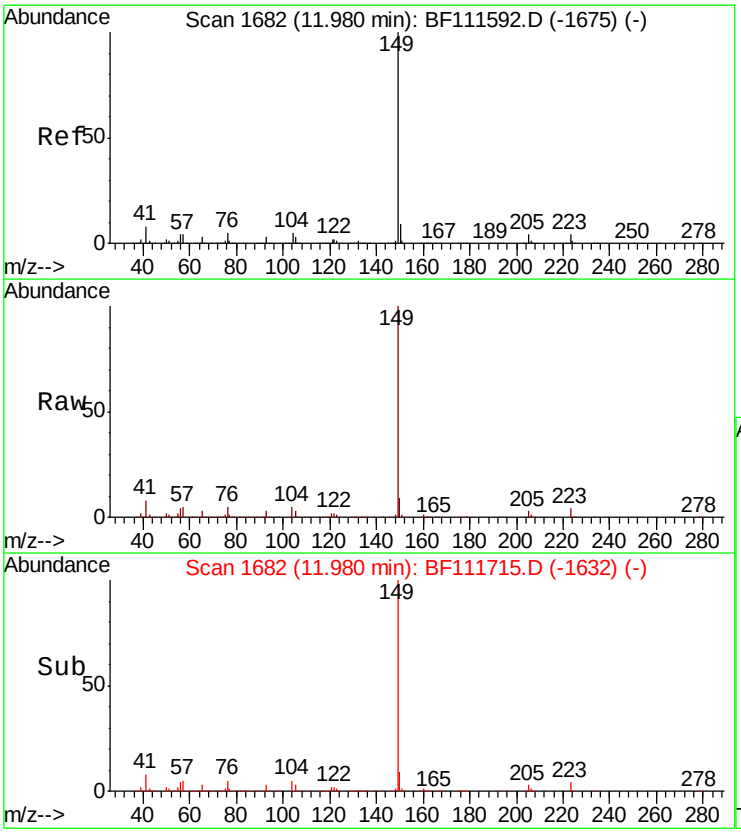

#73
Carbazole
Concen: 25.429 ng
RT: 11.65 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:167 Resp: 755513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.6 | 19.3 | 28.9 |
| 139 | 12.1 | 11.9 | 17.9 |

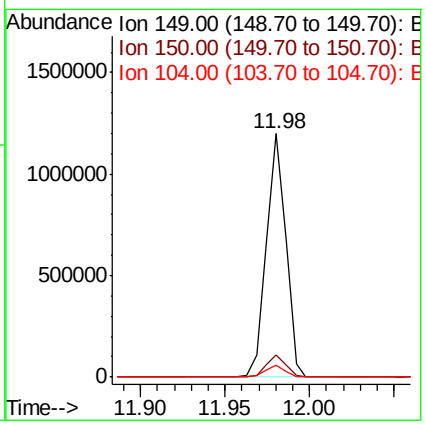


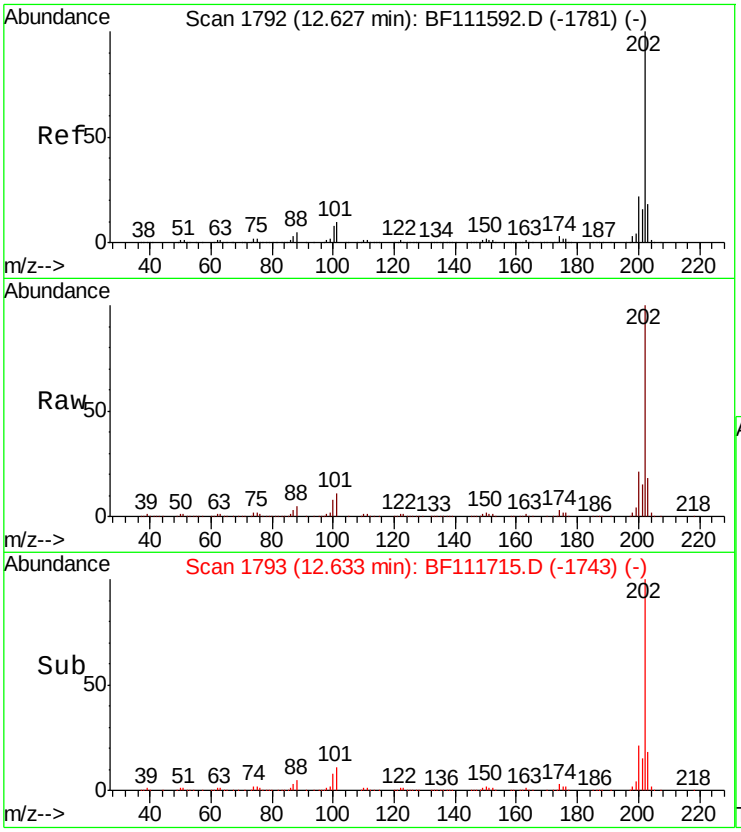




#74
Di-n-butylphthalate
Concen: 28.447 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:149 Resp: 947599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 8.8 | 13.2 |
| 104 | 4.9 | 4.5 | 6.7 |



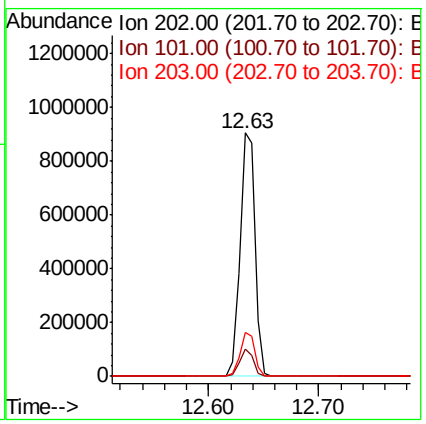


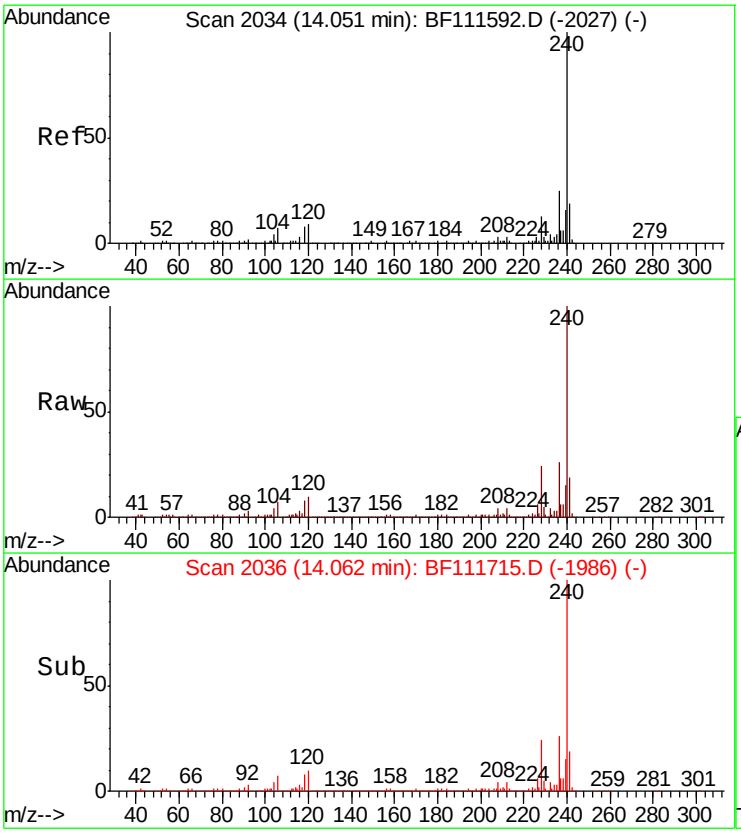

#75
Fluoranthene
Concen: 27.909 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:202 Resp: 861640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 0.0 | 33.8 |
| 203 | 18.1 | 0.0 | 38.6 |

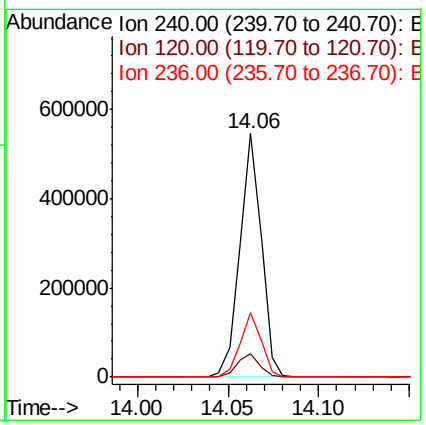


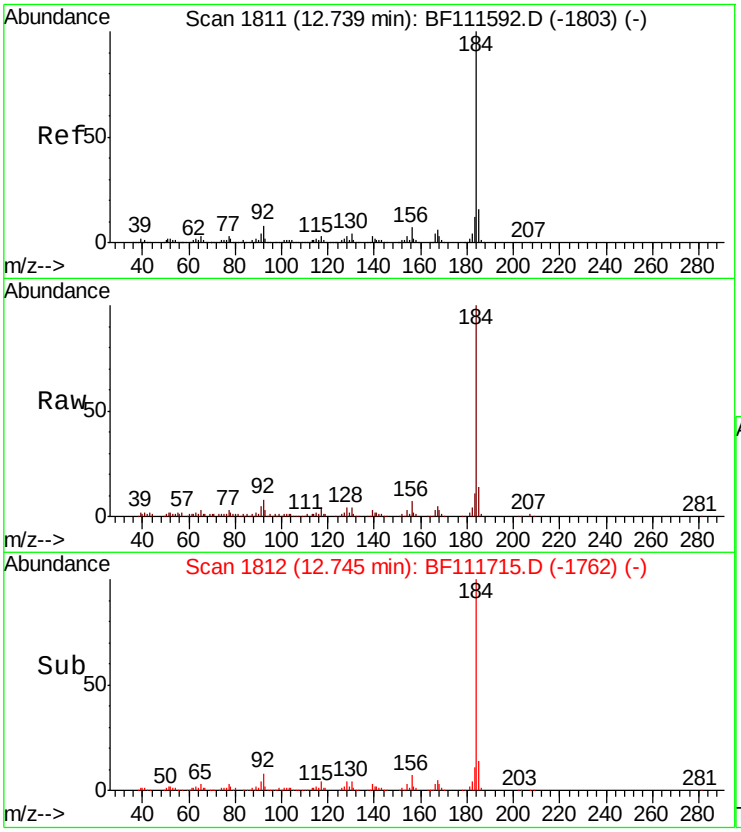




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:240 Resp: 450020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 12.2 | 18.2# |
| 236 | 26.3 | 20.2 | 30.2 |



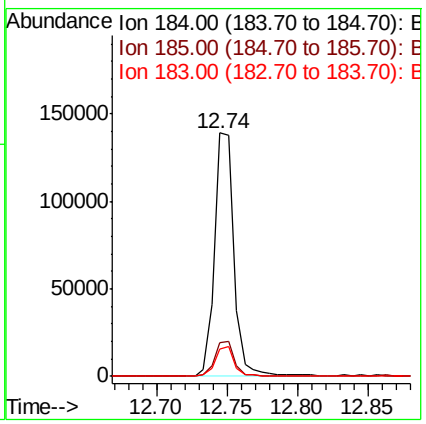


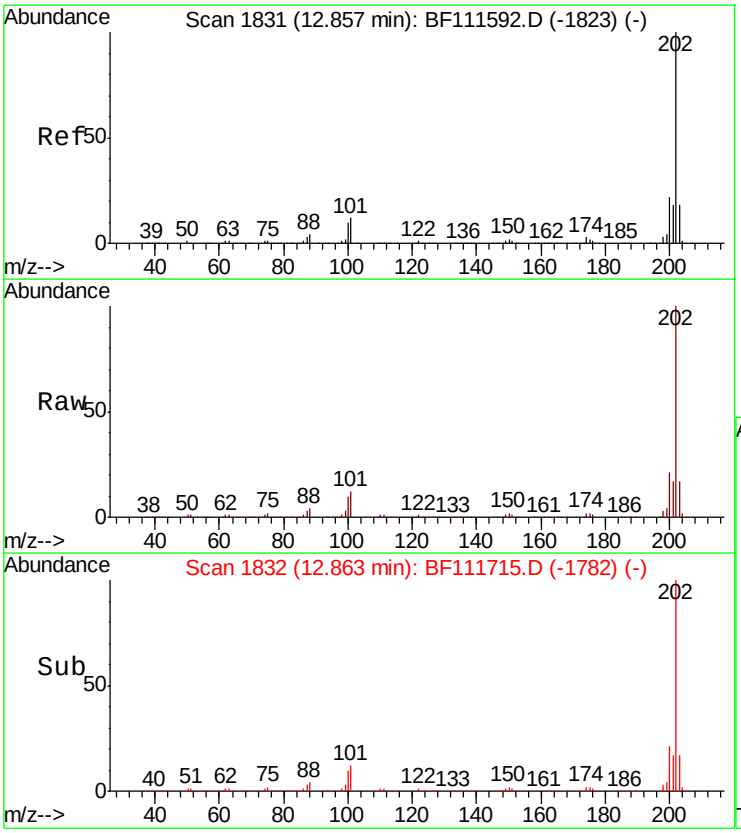

#77
Benzidine
Concen: 7.958 ng
RT: 12.74 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:184 Resp: 134765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 13.9 | 13.0 | 19.6 |
| 183 | 11.1 | 9.3 | 13.9 |

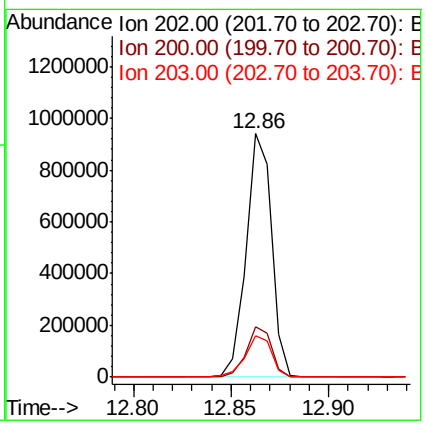


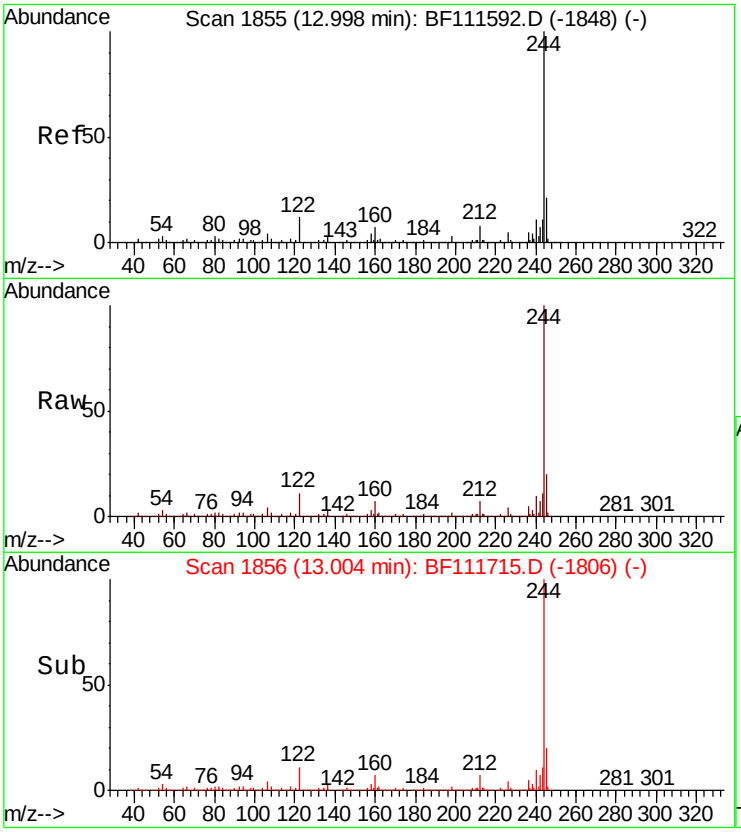




#78
Pyrene
Concen: 26.728 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:202 Resp: 849408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 19.0 | 28.4 |
| 203 | 17.1 | 15.2 | 22.8 |



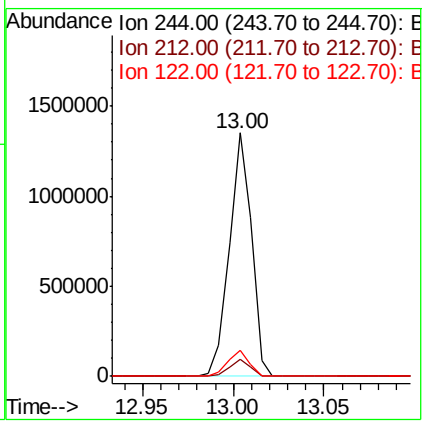


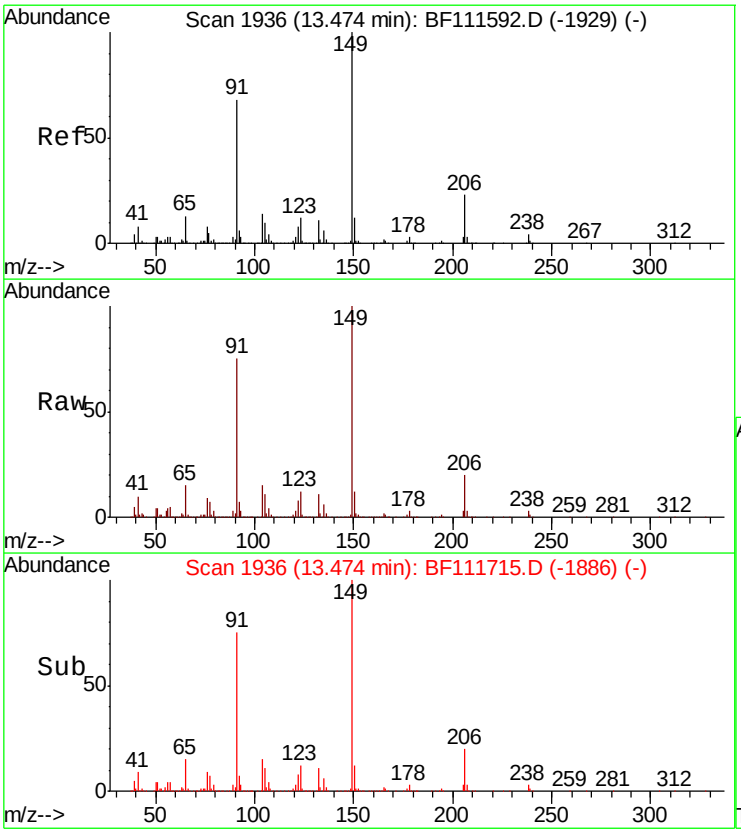

#79
Terphenyl-d14
Concen: 48.548 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:244 Resp: 1152052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.7 | 8.5 |
| 122 | 10.7 | 13.1 | 19.7# |

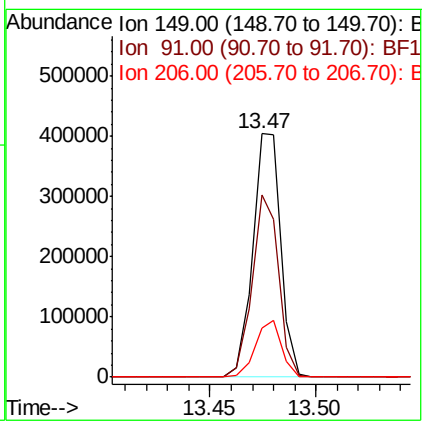


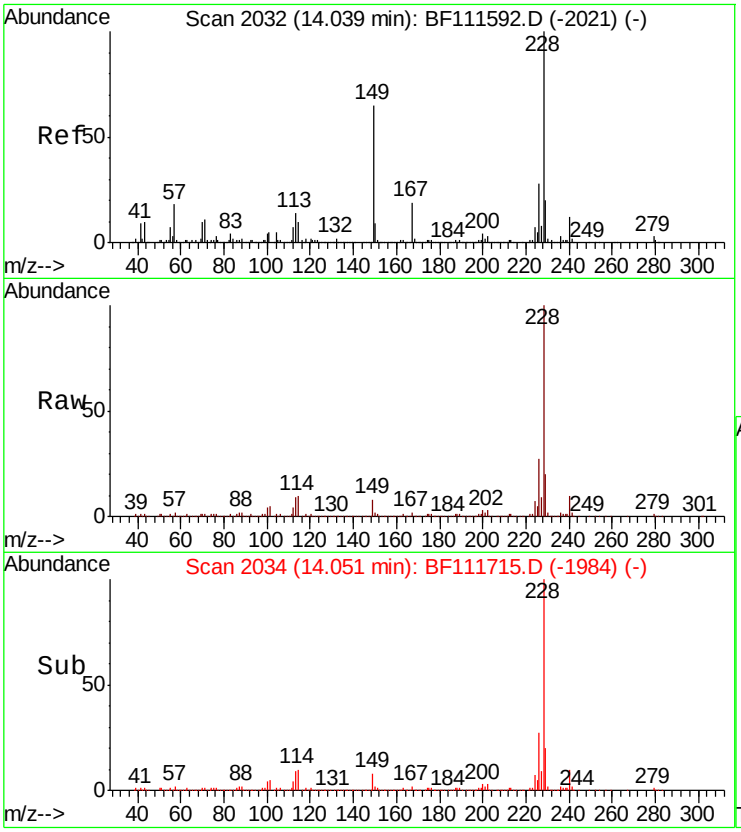




#80
Butylbenzylphthalate
Concen: 28.842 ng
RT: 13.47 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:149 Resp: 373619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 74.9 | 63.8 | 95.6 |
| 206 | 20.3 | 15.1 | 22.7 |



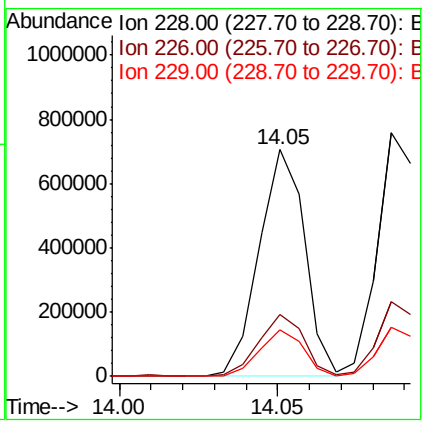


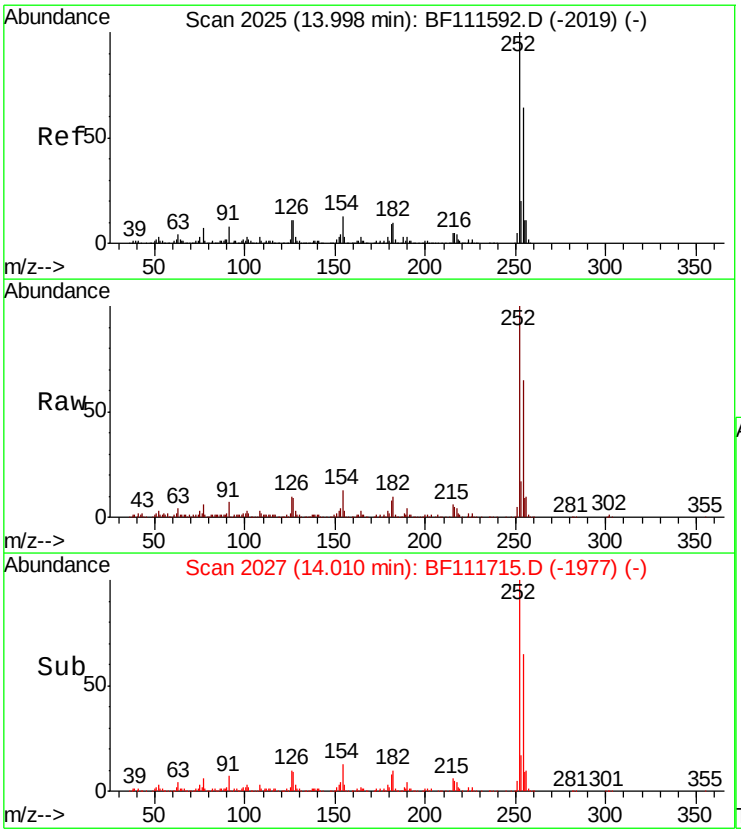

#81
Benzo(a)anthracene
Concen: 27.551 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:228 Resp: 707572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.1 | 22.6 | 34.0 |
| 229 | 20.3 | 16.3 | 24.5 |

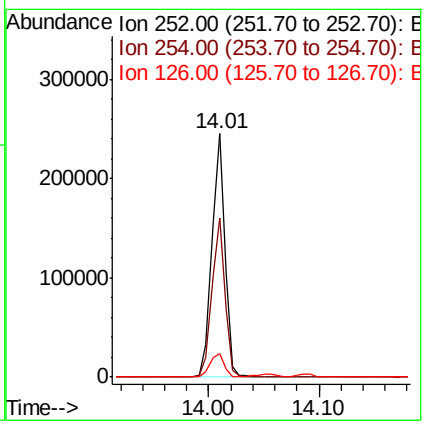


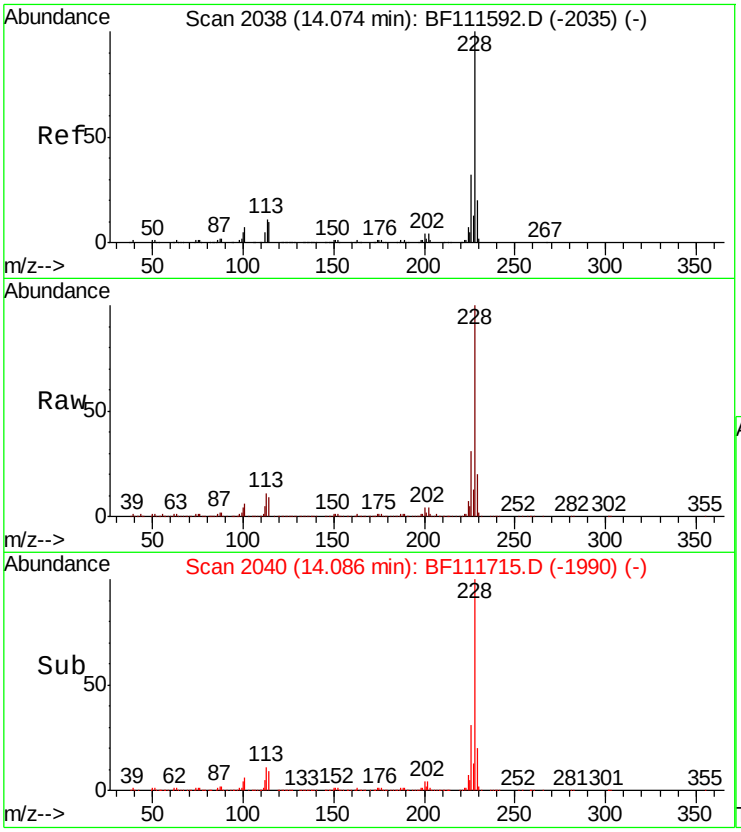




#82
3,3'-Dichlorobenzidine
Concen: 19.626 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:252 Resp: 199149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.1 | 52.7 | 79.1 |
| 126 | 9.6 | 11.1 | 16.7# |



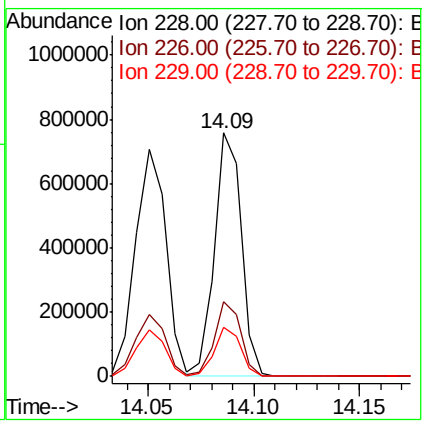


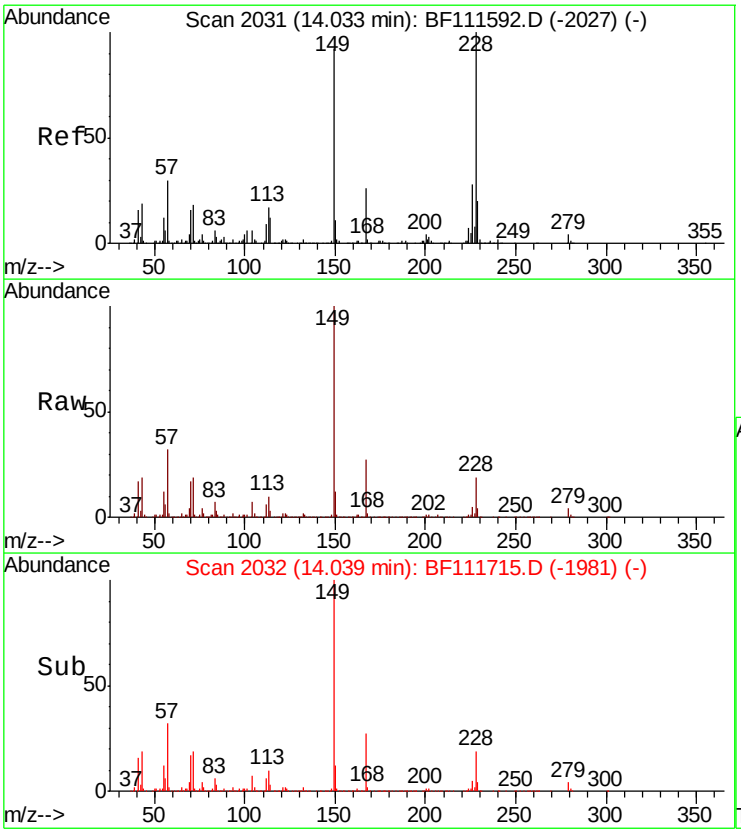

#83
Chrysene
Concen: 26.509 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:228 Resp: 669140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 25.3 | 37.9 |
| 229 | 20.1 | 17.2 | 25.8 |

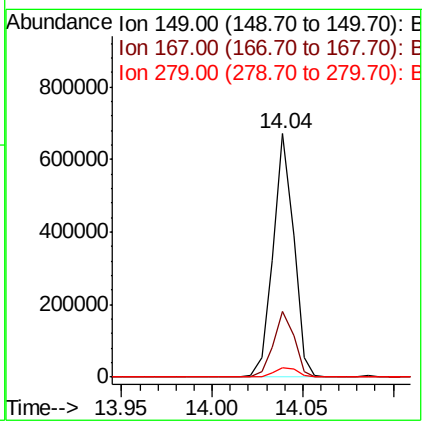


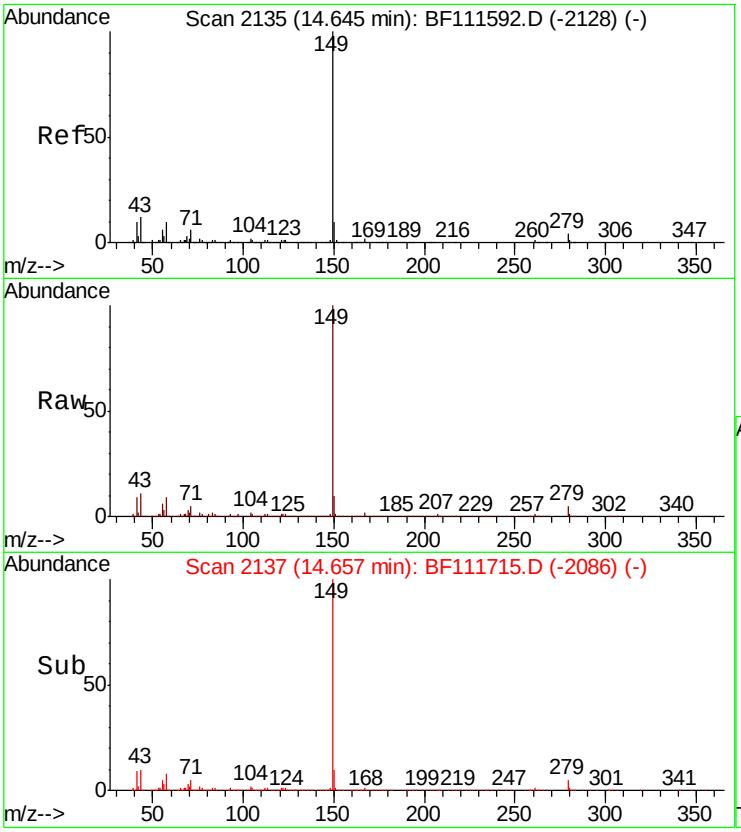




#84
Bis(2-ethylhexyl)phthalate
Concen: 32.405 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:149 Resp: 528762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.1 | 22.5 | 33.7 |
| 279 | 3.8 | 2.6 | 4.0 |



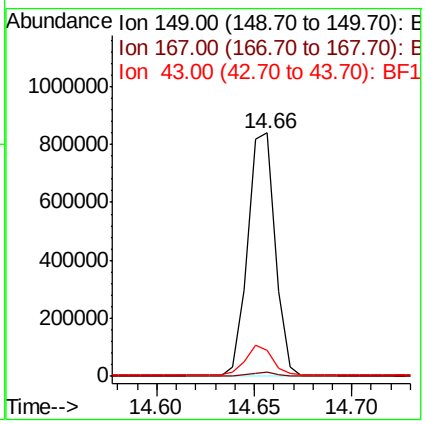


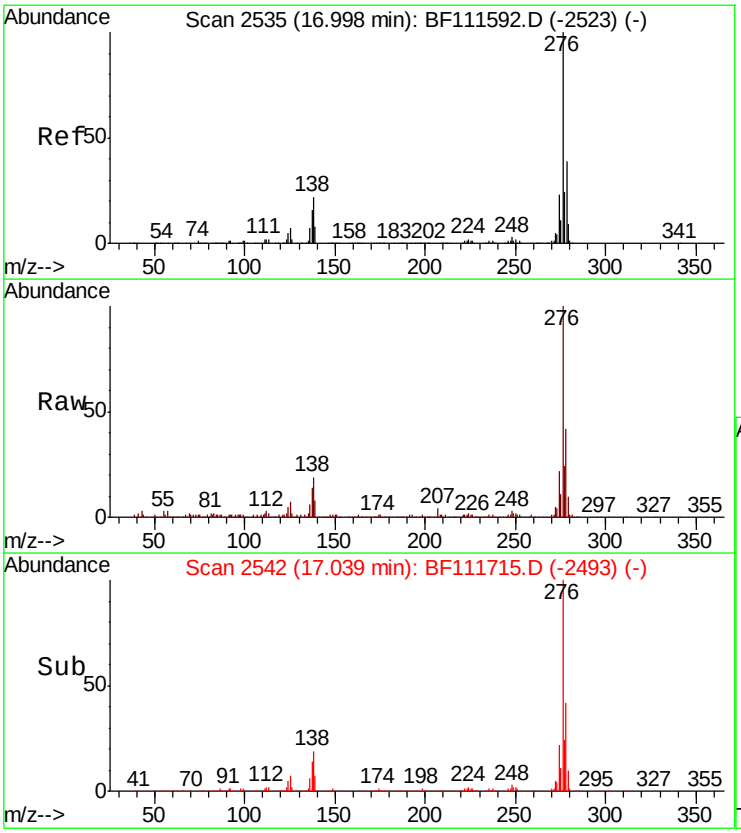

#85
Di-n-octyl phthalate
Concen: 32.268 ng
RT: 14.66 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:149 Resp: 815776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.3 | 1.9 |
| 43 | 11.3 | 10.9 | 16.3 |

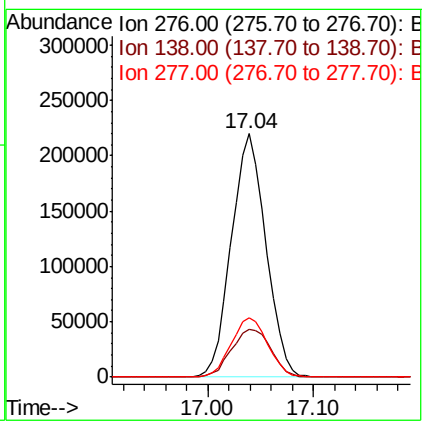


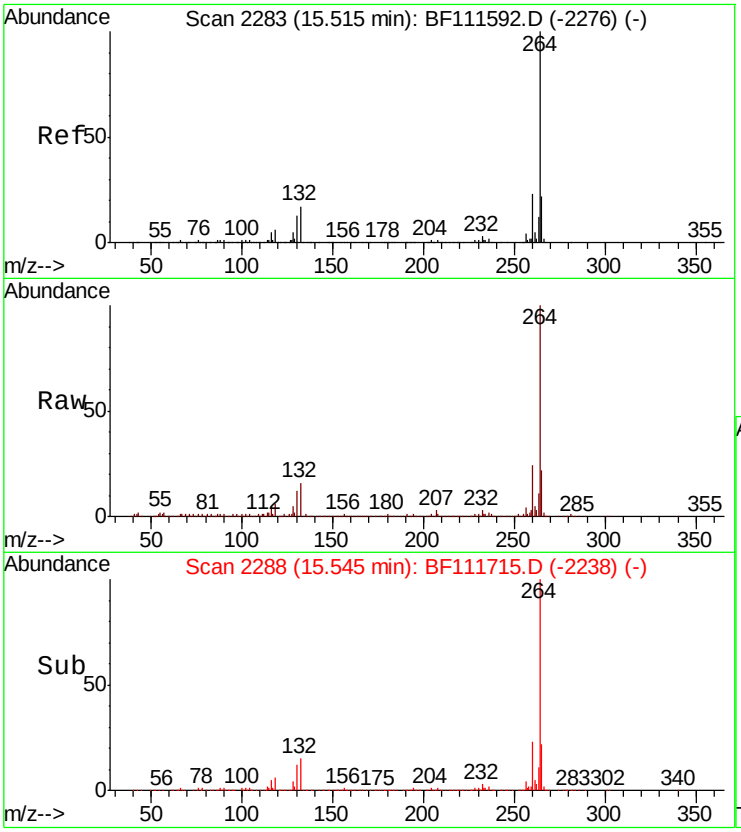




#86
Indeno(1,2,3-cd)pyrene
Concen: 23.245 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:276 Resp: 498794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.3 | 27.8 | 41.6# |
| 277 | 25.9 | 20.1 | 30.1 |



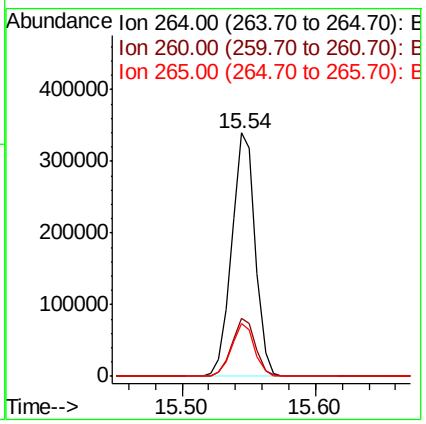


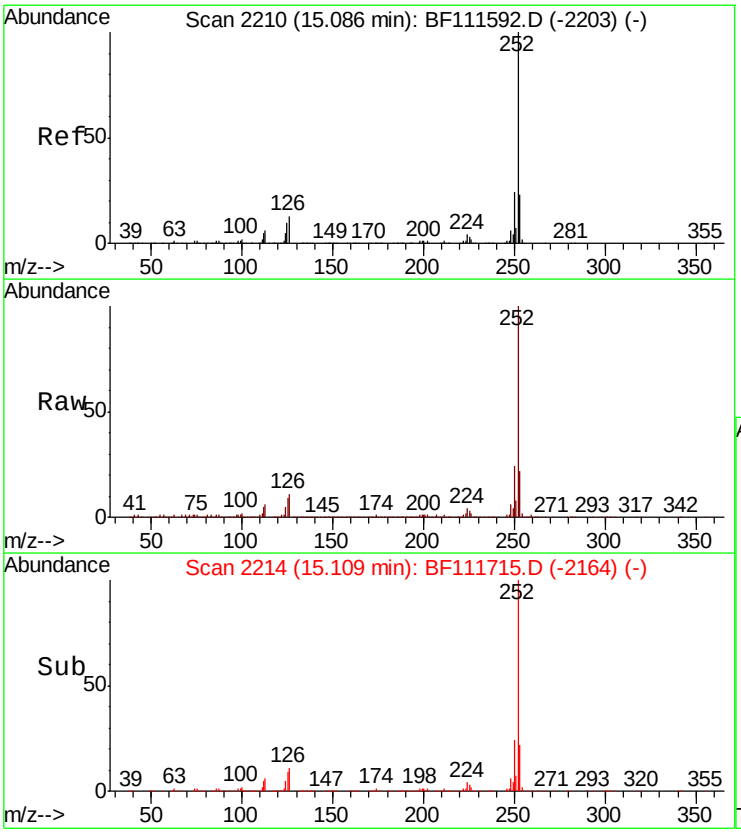

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:264 Resp: 417869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 18.3 | 27.5 |
| 265 | 21.7 | 17.7 | 26.5 |

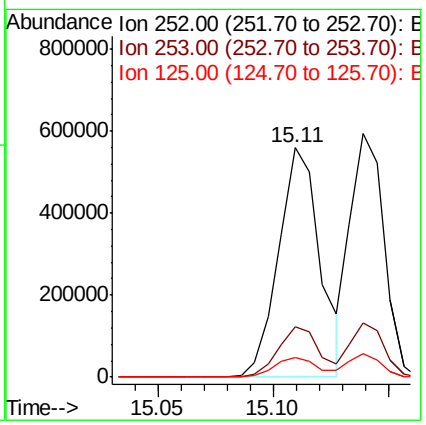


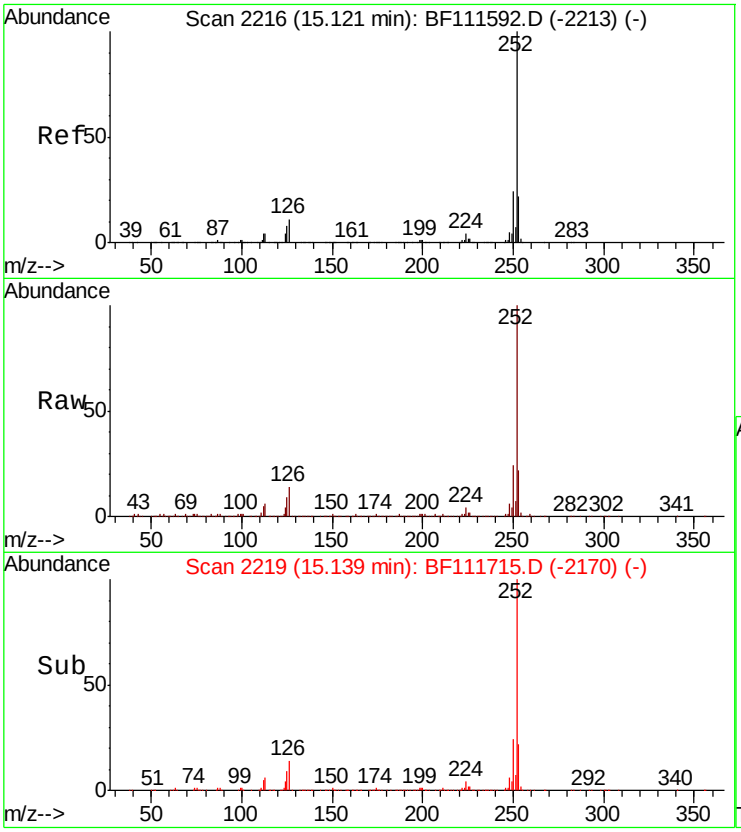




#88
Benzo(b)fluoranthene
Concen: 28.528 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:252 Resp: 696709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 18.2 | 27.2 |
| 125 | 8.8 | 10.4 | 15.6# |



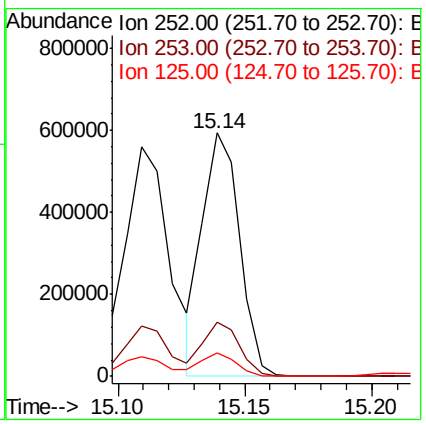


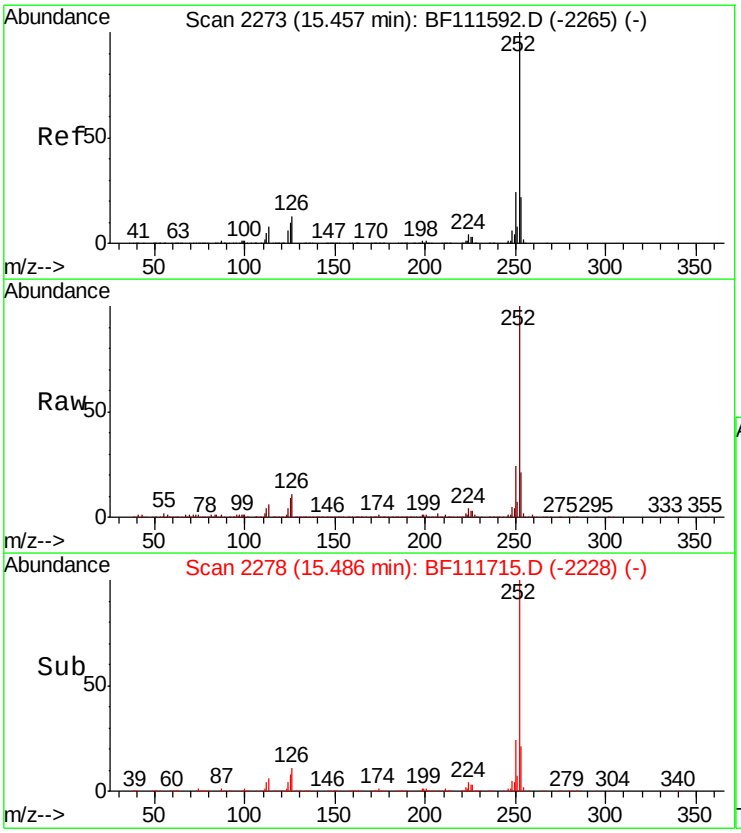

#89
Benzo(k)fluoranthene
Concen: 25.873 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:252 Resp: 601564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.1 | 27.1 |
| 125 | 9.5 | 9.8 | 14.8# |

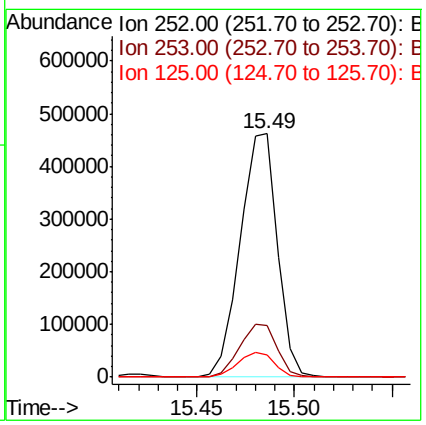


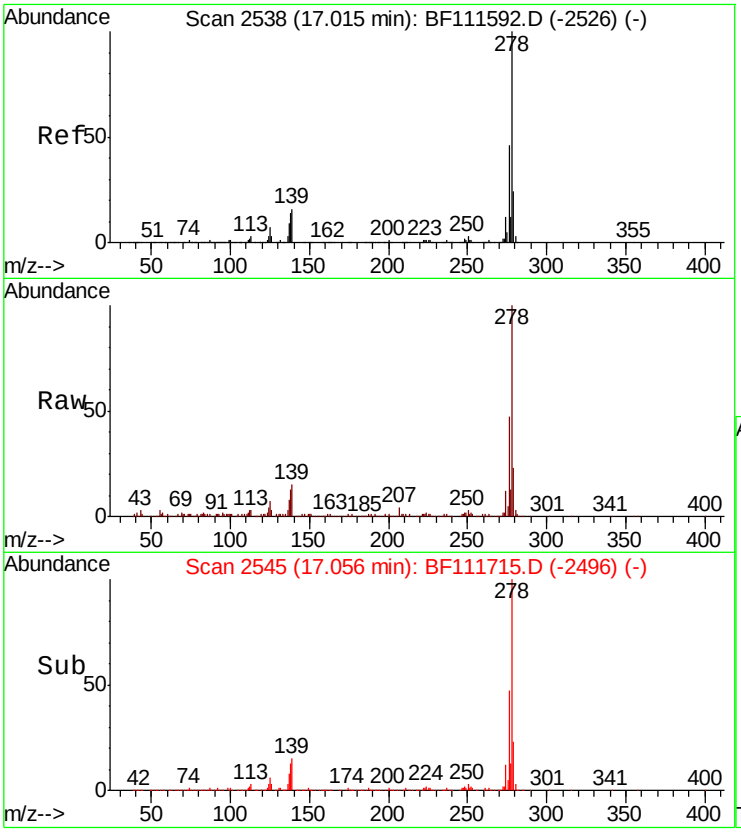




#90
Benzo(a)pyrene
Concen: 27.378 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:252 Resp: 607438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 17.8 | 26.8 |
| 125 | 9.0 | 12.3 | 18.5# |



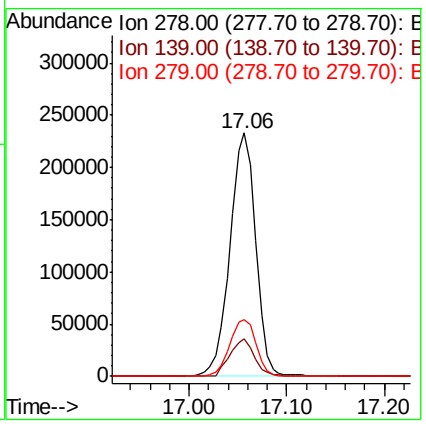


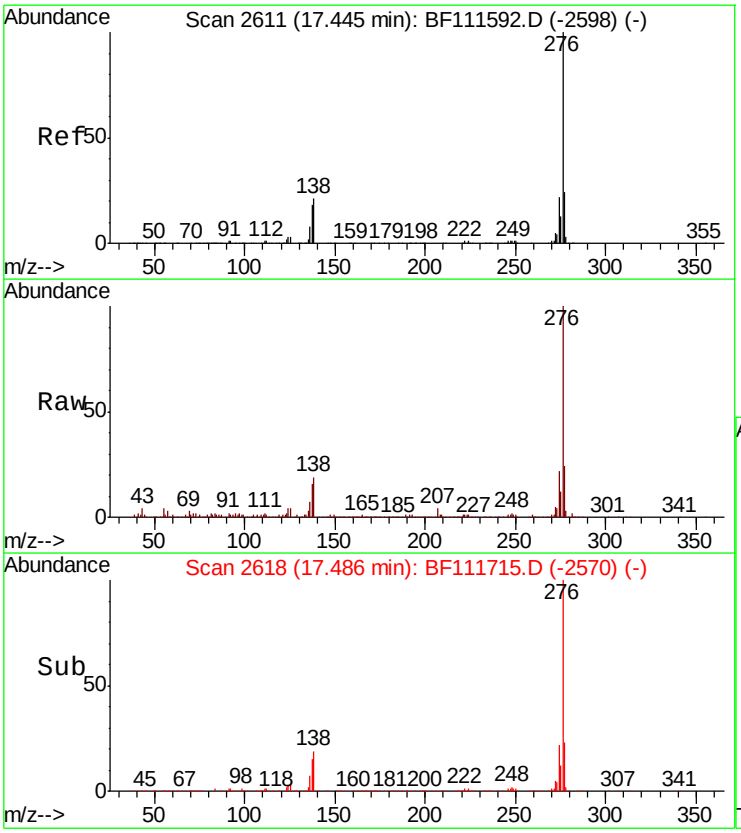

#91
Dibenzo(a,h)anthracene
Concen: 21.981 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

**Instrument :**
BNA_F
**ClientSampleId :**
S-1(5)MS

Tgt Ion:278 Resp: 427061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.2 | 18.2 | 27.4# |
| 279 | 23.3 | 19.0 | 28.6 |




#92
Benzo(g,h,i)perylene
Concen: 20.116 ng
RT: 17.49 min Scan# 2618
Delta R.T. -0.02 min
Lab File: BF111715.D
Acq: 26 Dec 2018 14:50

Tgt Ion:276 Resp: 381639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.2 | 28.8 |
| 138 | 19.2 | 24.9 | 37.3# |