Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111106.D
Acq On : 5 Dec 2018 13:55
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Dec 05 15:29:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 15:25:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 550121 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 2287627 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.84 | 164 | 1093427 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.32 | 188 | 1868619 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.95 | 240 | 1429152 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.38 | 264 | 1214739 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 783768 | 23.63 | ng | | 0.00 |
| 7) Phenol-d6 | 6.42 | 99 | 1014176 | 23.46 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 816707 | 20.43 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 184595 | 17.00 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.16 | 172 | 1613772 | 21.38 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.90 | 244 | 1523605 | 20.75 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.55 | 88 | 213706 | 13.446 | ng | # | 82 |
| 3) Pyridine | 3.27 | 79 | 464985 | 13.361 | ng | # | 77 |
| 4) n-Nitrosodimethylamine | 3.19 | 42 | 225147 | 14.138 | ng | # | 82 |
| 6) Aniline | 6.46 | 93 | 646832 | 12.103 | ng | # | 54 |
| 8) 2-Chlorophenol | 6.58 | 128 | 444909 | 11.317 | ng | | 92 |
| 9) Benzaldehyde | 6.35 | 77 | 337984 | 14.647 | ng | | 99 |
| 10) Phenol | 6.43 | 94 | 547387 | 11.243 | ng | # | 60 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 438745 | 11.962 | ng | | 91 |
| 12) 1,3-Dichlorobenzene | 6.75 | 146 | 469555 | 10.872 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.82 | 146 | 484915 | 10.918 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 453321 | 10.844 | ng | | 99 |
| 15) Benzyl Alcohol | 6.93 | 79 | 391879 | 11.795 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45 | 858835 | 14.713 | ng | | 64 |
| 17) 2-Methylphenol | 7.05 | 107 | 355343 | 11.368 | ng | # | 80 |
| 18) Hexachloroethane | 7.32 | 117 | 171598 | 10.503 | ng | | 88 |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70 | 330222 | 11.727 | ng | # | 88 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 462288 | 11.125 | ng | | 94 |
| 22) Acetophenone | 7.20 | 105 | 610046 | 11.377 | ng | # | 88 |
| 24) Nitrobenzene | 7.37 | 77 | 432723 | 10.410 | ng | | 99 |
| 25) Isophorone | 7.62 | 82 | 760482 | 11.598 | ng | | 99 |
| 26) 2-Nitrophenol | 7.70 | 139 | 161933 | 8.018 | ng | | 91 |
| 27) 2,4-Dimethylphenol | 7.73 | 122 | 355918 | 11.670 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93 | 522441 | 11.894 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 345028 | 10.811 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.03 | 180 | 348946 | 9.757 | ng | | 97 |
| 31) Naphthalene | 8.10 | 128 | 1220807 | 11.385 | ng | | 99 |
| 32) Benzoic acid | 7.80 | 122 | 198887 | 8.771 | ng | | 94 |
| 33) 4-Chloroaniline | 8.15 | 127 | 542149 | 11.878 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.23 | 225 | 190994 | 9.376 | ng | | 98 |
| 35) Caprolactam | 8.48 | 113 | 124078 | 11.388 | ng | # | 75 |
| 36) 4-Chloro-3-methylphenol | 8.62 | 107 | 379753 | 10.710 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.80 | 142 | 769522 | 10.864 | ng | | 98 |
| 38) 1-Methylnaphthalene | 8.89 | 142 | 749891 | 10.885 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 324370 | 9.430 | ng | # | 97 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111106.D
Acq On : 5 Dec 2018 13:55
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Dec 05 15:29:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 15:25:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.96 | 237 | 155411 | 44.902 ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.07 | 196 | 220839 | 10.750 ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 9.10 | 196 | 233784 | 10.808 ng | | 97 |
| 46) 1,1'-Biphenyl | 9.26 | 154 | 1050398 | 10.420 ng | | 99 |
| 47) 2-Chloronaphthalene | 9.28 | 162 | 783753 | 10.723 ng | | 99 |
| 48) 2-Nitroaniline | 9.37 | 65 | 206411 | 9.029 ng | | 99 |
| 49) Acenaphthylene | 9.70 | 152 | 1162679 | 11.187 ng | | 98 |
| 50) Dimethylphthalate | 9.56 | 163 | 861410 | 10.742 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.61 | 165 | 165870 | 9.291 ng | | 93 |
| 52) Acenaphthene | 9.87 | 154 | 710148 | 10.658 ng | | 100 |
| 53) 3-Nitroaniline | 9.77 | 138 | 206126 | 9.906 ng | | 93 |
| 54) 2,4-Dinitrophenol | 9.88 | 184 | 28737 | 5.064 ng | # | 1 |
| 55) Dibenzofuran | 10.04 | 168 | 1066210 | 10.969 ng | | 96 |
| 56) 4-Nitrophenol | 9.92 | 139 | 155272 | 14.963 ng | | 91 |
| 57) 2,4-Dinitrotoluene | 10.01 | 165 | 187663 | 8.102 ng | | 96 |
| 58) Fluorene | 10.38 | 166 | 759064 | 10.037 ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.16 | 232 | 174344 | 9.821 ng | # | 85 |
| 60) Diethylphthalate | 10.26 | 149 | 845572 | 10.225 ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.38 | 204 | 361133 | 9.129 ng | | 100 |
| 62) 4-Nitroaniline | 10.38 | 138 | 180600 | 9.322 ng | | 90 |
| 63) Azobenzene | 10.53 | 77 | 911709 | 11.311 ng | | 91 |
| 65) 4,6-Dinitro-2-methylphenol | 10.42 | 198 | 57137 | 6.464 ng | # | 73 |
| 66) n-Nitrosodiphenylamine | 10.49 | 169 | 730665 | 11.746 ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 10.87 | 248 | 210930 | 10.365 ng | | 96 |
| 68) Hexachlorobenzene | 10.93 | 284 | 214775 | 9.908 ng | # | 91 |
| 69) Atrazine | 11.02 | 200 | 214410 | 13.394 ng | | 97 |
| 70) Pentachlorophenol | 11.12 | 266 | 141673 | 16.428 ng | | 99 |
| 71) Phenanthrene | 11.34 | 178 | 1091011 | 11.024 ng | | 100 |
| 72) Anthracene | 11.39 | 178 | 1103348 | 10.947 ng | | 99 |
| 73) Carbazole | 11.54 | 167 | 1155801 | 11.815 ng | | 100 |
| 74) Di-n-butylphthalate | 11.89 | 149 | 1331533 | 11.641 ng | | 98 |
| 75) Fluoranthene | 12.53 | 202 | 1075996 | 10.578 ng | | 98 |
| 77) Benzidine | 12.64 | 184 | 639739 | 17.501 ng | | 96 |
| 78) Pyrene | 12.75 | 202 | 1132982 | 10.854 ng | | 98 |
| 80) Butylbenzylphthalate | 13.38 | 149 | 509843 | 10.819 ng | | 96 |
| 81) Benzo(a)anthracene | 13.94 | 228 | 900881 | 10.677 ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.90 | 252 | 344287 | 11.900 ng | # | 97 |
| 83) Chrysene | 13.97 | 228 | 882426 | 10.624 ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149 | 652957 | 10.398 ng | | 95 |
| 85) Di-n-octyl phthalate | 14.56 | 149 | 1061299 | 10.707 ng | # | 91 |
| 86) Indeno(1,2,3-cd)pyrene | 17.20 | 276 | 467421 | 7.840 ng | # | 91 |
| 88) Benzo(b)fluoranthene | 14.97 | 252 | 750554 | 10.518 ng | | 98 |
| 89) Benzo(k)fluoranthene | 14.99 | 252 | 723752 | 9.854 ng | # | 96 |
| 90) Benzo(a)pyrene | 15.32 | 252 | 661596 | 9.960 ng | # | 96 |
| 91) Dibenzo(a,h)anthracene | 16.79 | 278 | 488742 | 8.918 ng | # | 92 |
| 92) Benzo(g,h,i)perylene | 17.20 | 276 | 467421 | 8.845 ng | # | 90 |

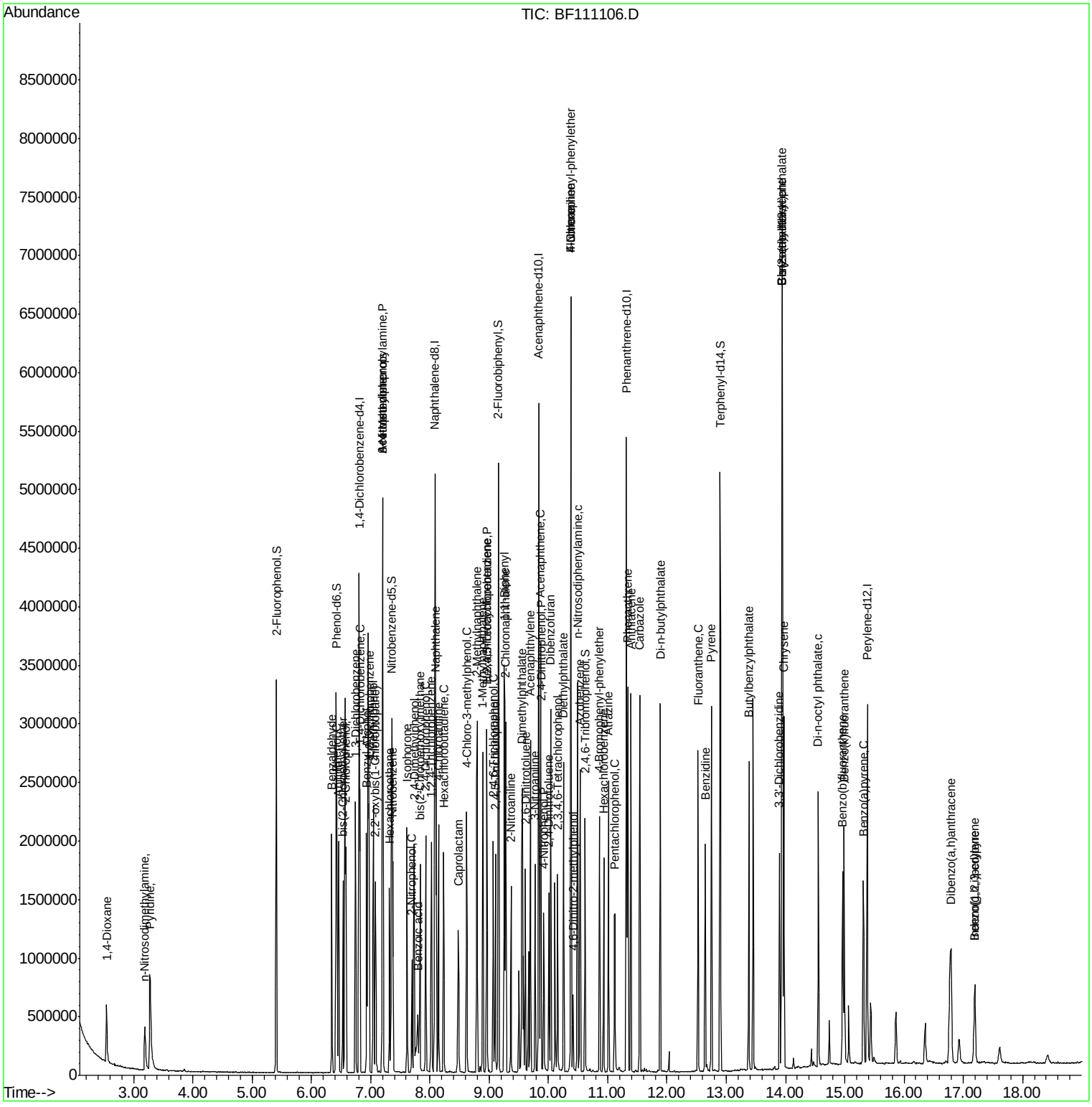
(#) = qualifier out of range (m) = manual integration (+) = signals summed

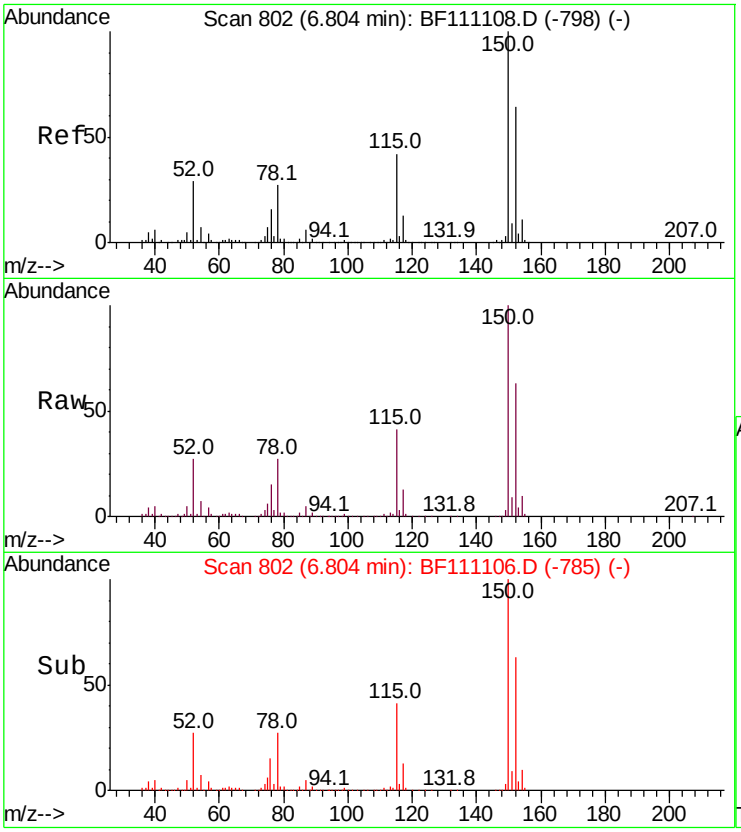
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111106.D
Acq On : 5 Dec 2018 13:55
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Dec 05 15:29:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 15:25:21 2018
Response via : Initial Calibration



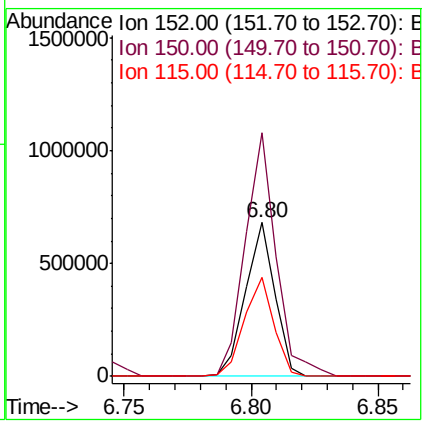


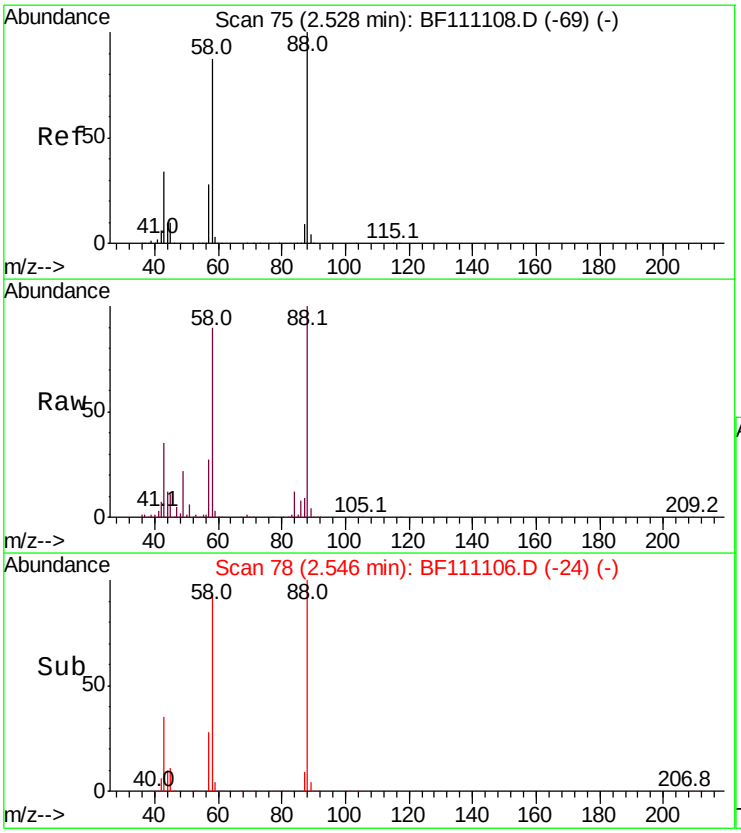

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:152 Resp: 550121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.1 | 122.7 | 184.1 |
| 115 | 64.1 | 49.1 | 73.7 |

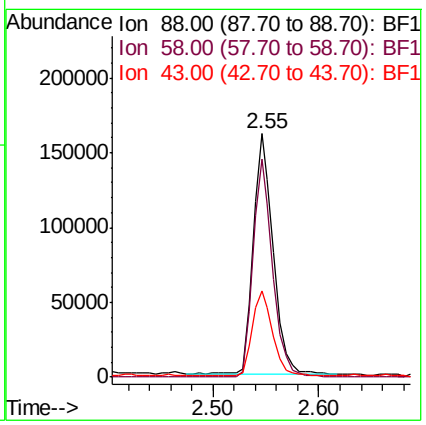


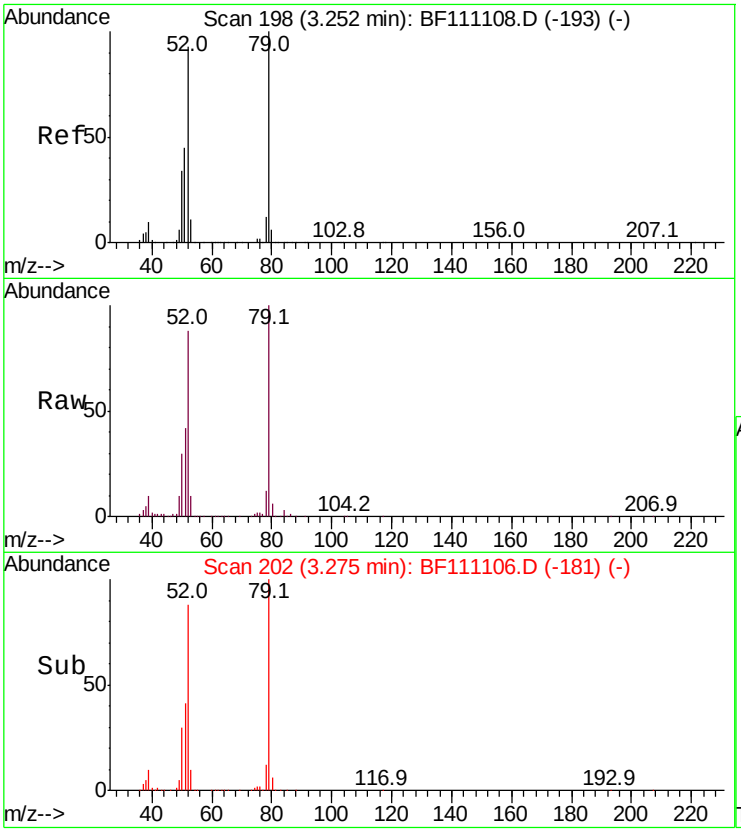




#2
1,4-Dioxane
Concen: 13.446 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.02 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 88 Resp: 213706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 88.9 | 57.1 | 85.7# |
| 43 | 35.9 | 24.1 | 36.1 |



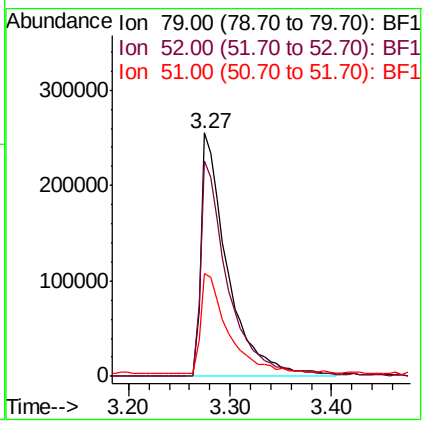


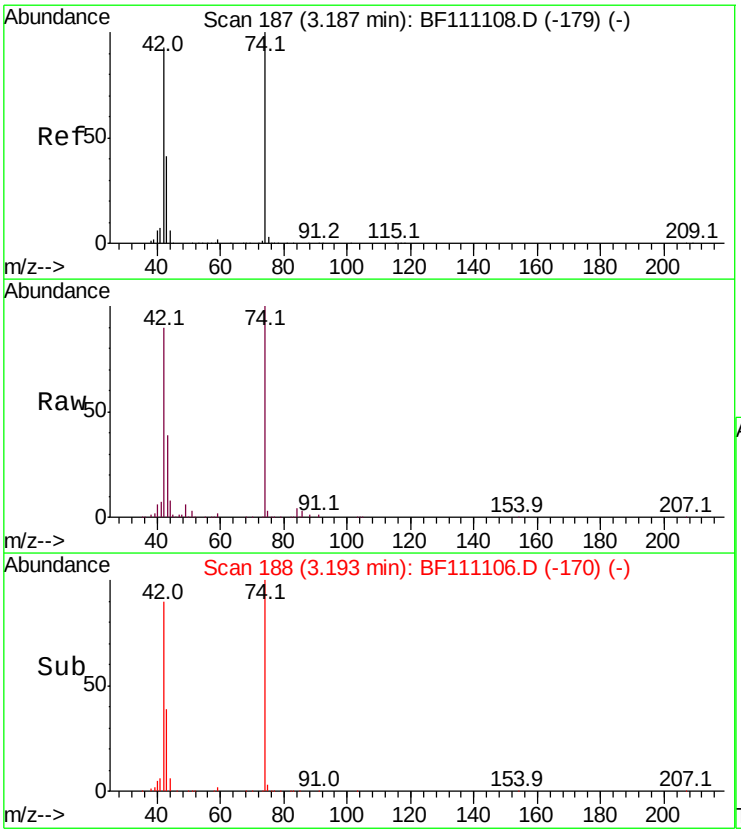

#3
Pyridine
Concen: 13.361 ng
RT: 3.27 min Scan# 202
Delta R.T. 0.02 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion: 79 Resp: 464985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 88.3 | 53.1 | 79.7# |
| 51 | 42.2 | 27.4 | 41.2# |

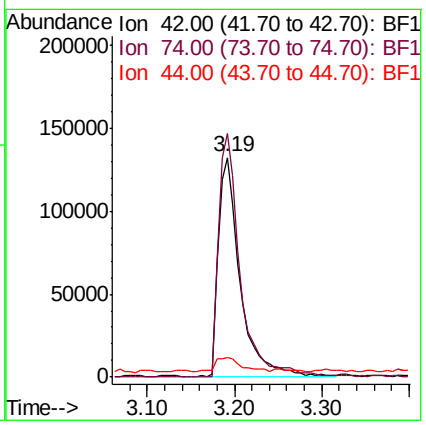


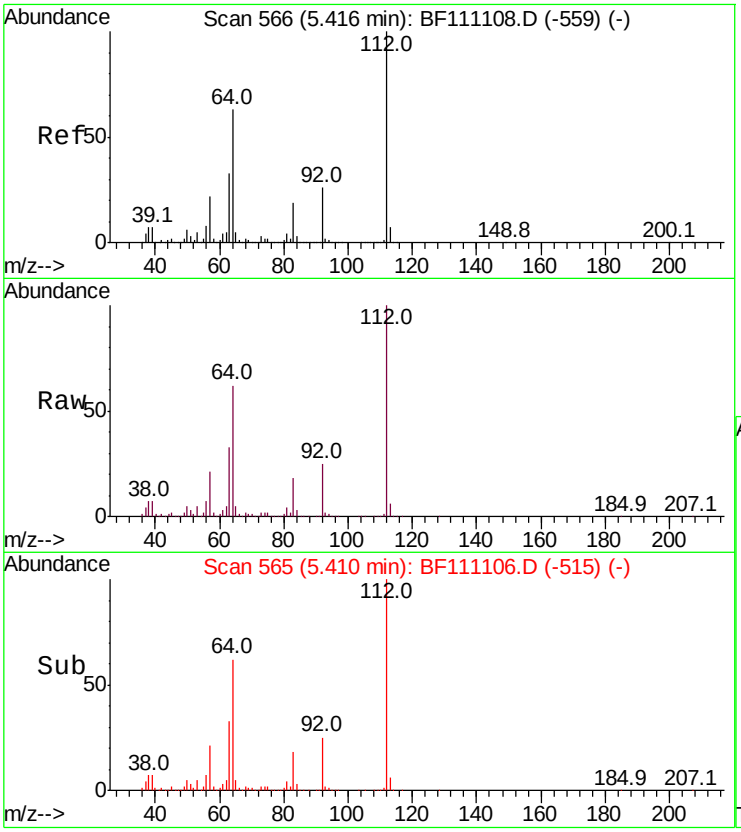




#4
n-Nitrosodimethylamine
Concen: 14.138 ng
RT: 3.19 min Scan# 188
Delta R.T. 0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 42 Resp: 225147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 110.8 | 105.5 | 158.3 |
| 44 | 9.0 | 4.9 | 7.3# |



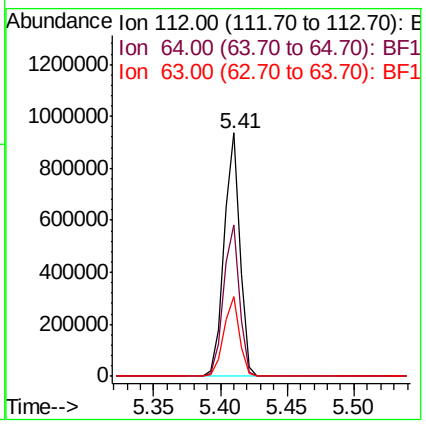


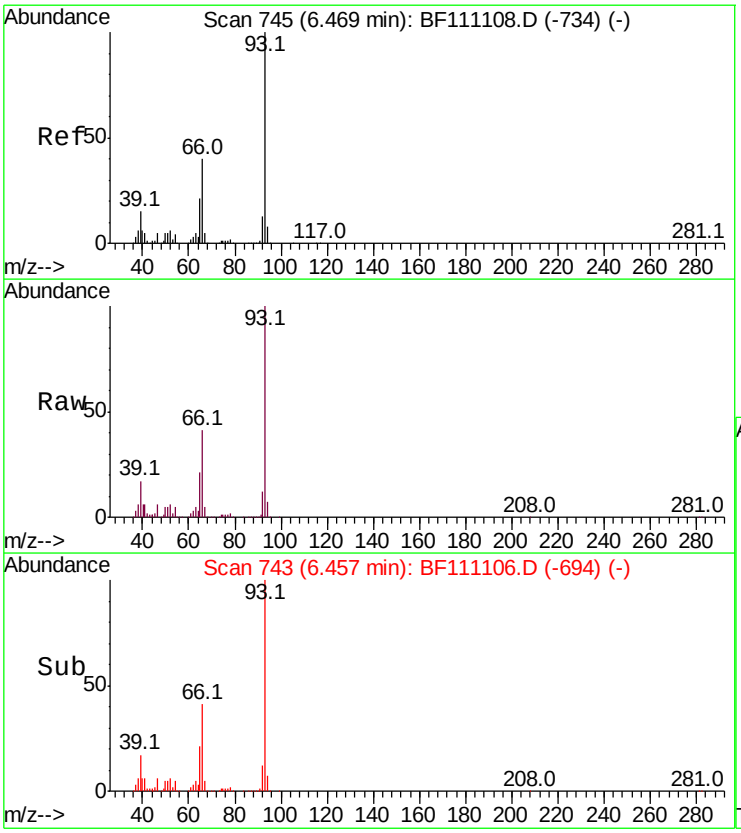

#5
2-Fluorophenol
Concen: 23.626 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:112 Resp: 783768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.4 | 44.1 | 66.1 |
| 63 | 32.6 | 23.7 | 35.5 |

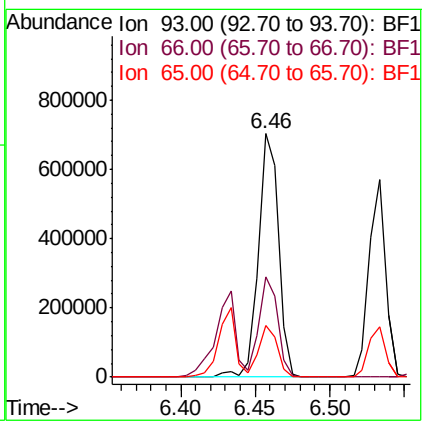


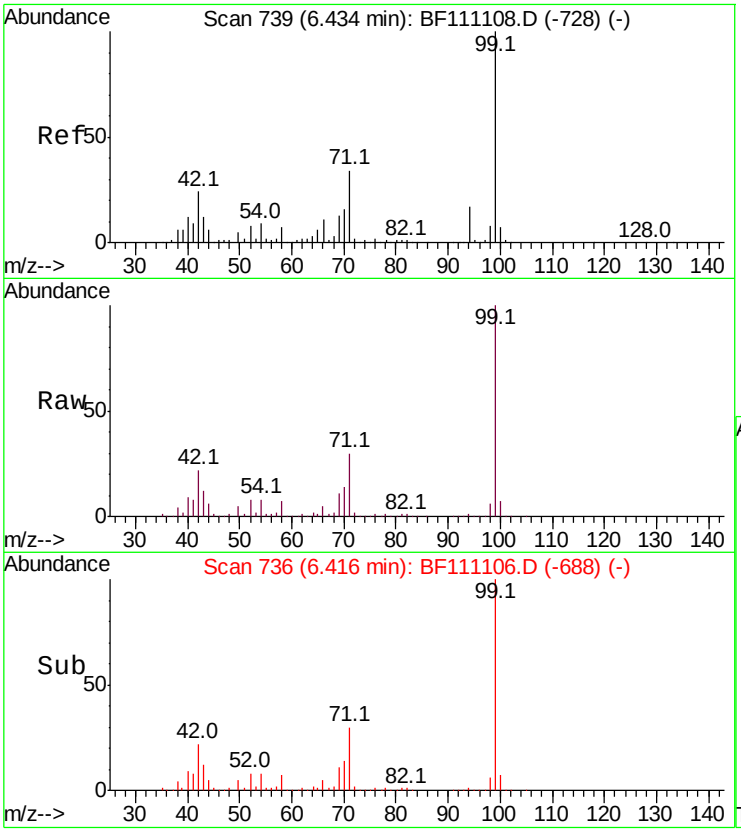




#6
Aniline
Concen: 12.103 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 93 Resp: 646832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.0 | 67.4 | 101.0# |
| 65 | 21.0 | 41.0 | 61.4# |



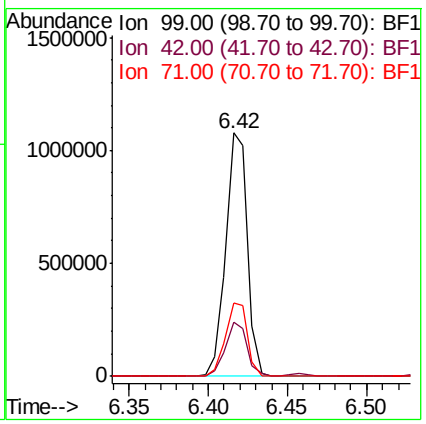


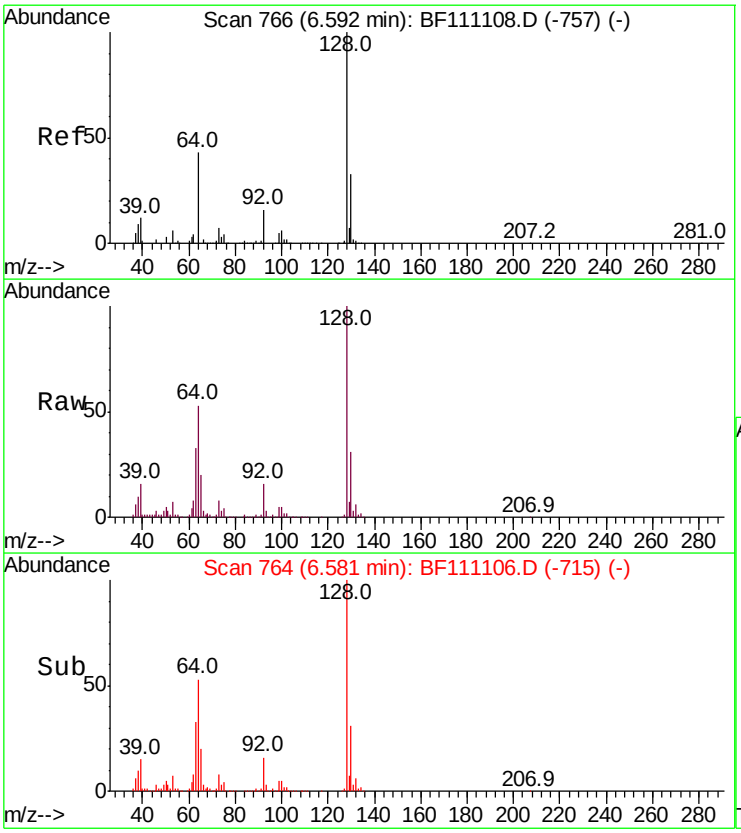

#7
Phenol-d6
Concen: 23.460 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion: 99 Resp: 1014176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.2 | 15.8 | 23.6 |
| 71 | 30.3 | 28.0 | 42.0 |

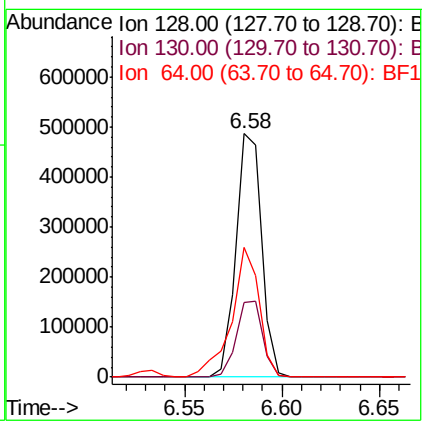


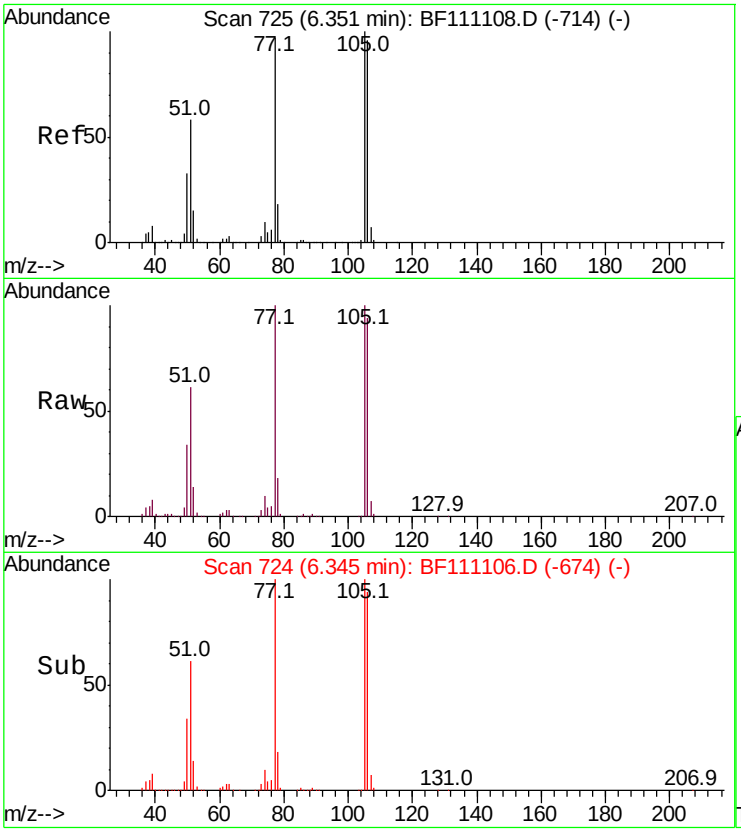




#8
2-Chlorophenol
Concen: 11.317 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:128 Resp: 444909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 30.9 | 13.1 | 53.1 |
| 64 | 53.1 | 26.0 | 66.0 |

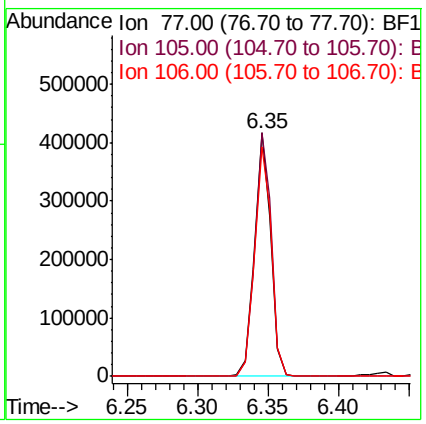




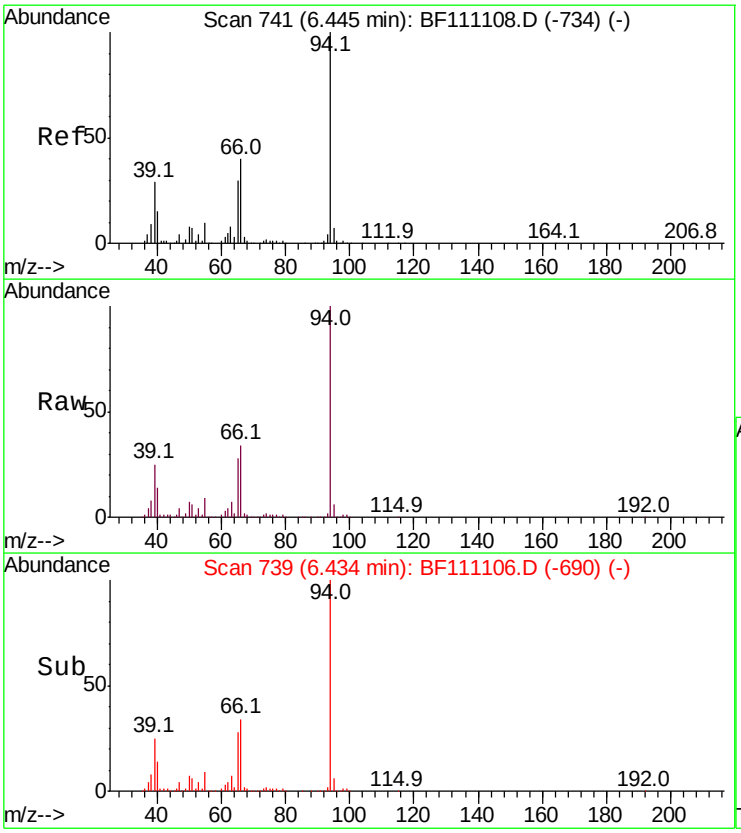

#9
Benzaldehyde
Concen: 14.647 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 77 Resp: 337984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.9 | 78.6 | 118.6 |
| 106 | 94.1 | 74.8 | 114.8 |



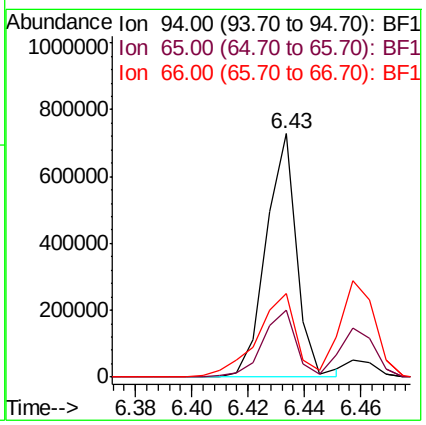

**Instrument :**
BNA_F
**ClientSampleId :**

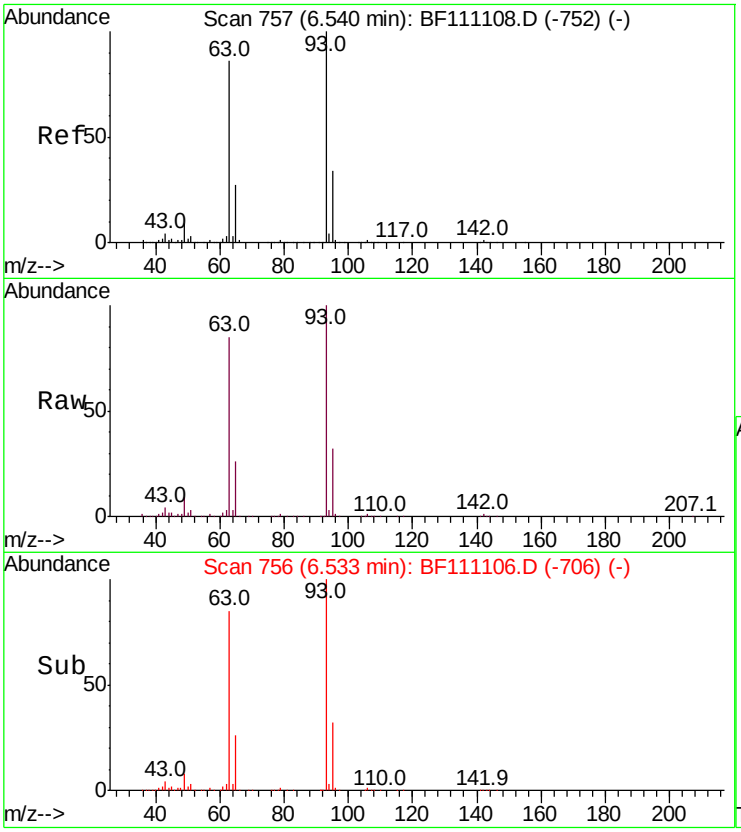



#10
Phenol
Concen: 11.243 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 94 Resp: 547387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.6 | 25.3 | 65.3 |
| 66 | 34.1 | 54.5 | 94.5# |

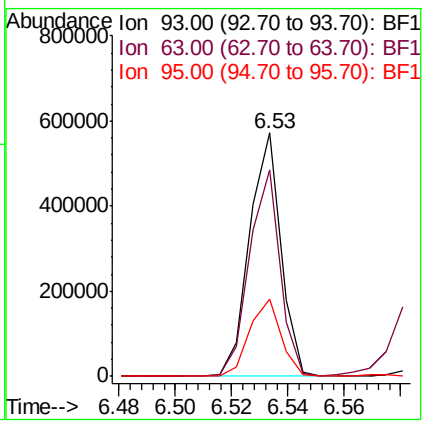




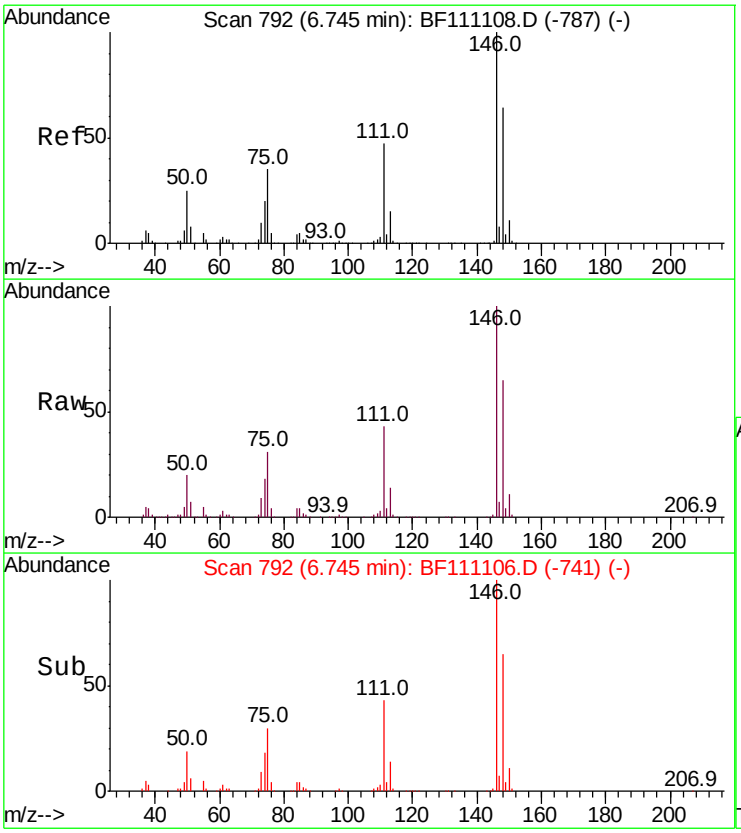

#11
bis(2-Chloroethyl)ether
Concen: 11.962 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 93 Resp: 438745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 84.6 | 53.4 | 93.4 |
| 95 | 31.9 | 12.1 | 52.1 |



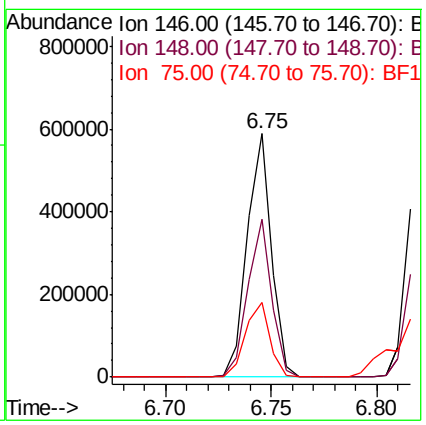

**Instrument :**
BNA_F
**ClientSampleId :**

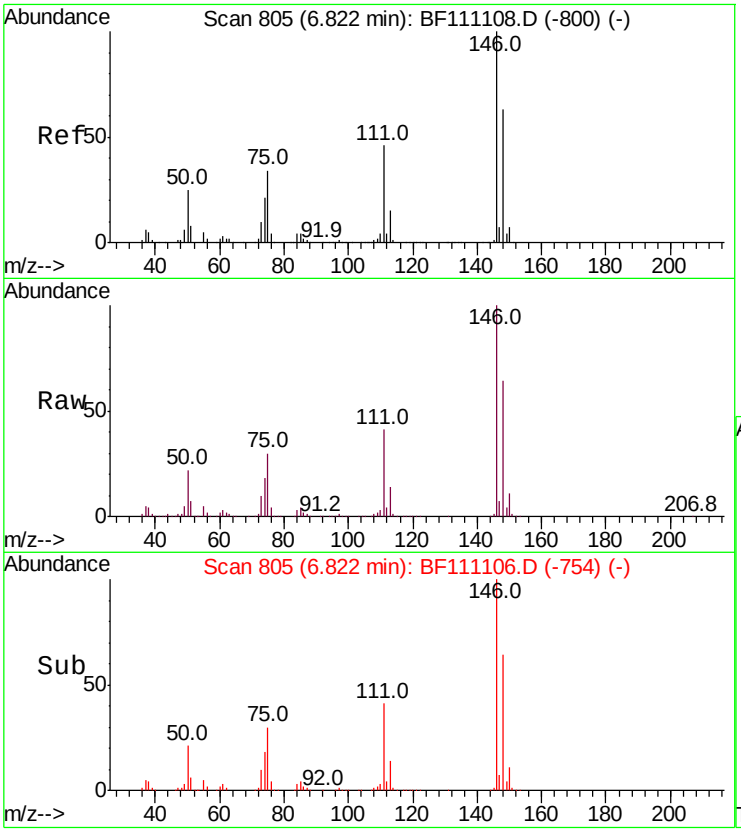



#12
1,3-Dichlorobenzene
Concen: 10.872 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:146 Resp: 469555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.6 | 50.4 | 75.6 |
| 75 | 30.5 | 25.8 | 38.6 |

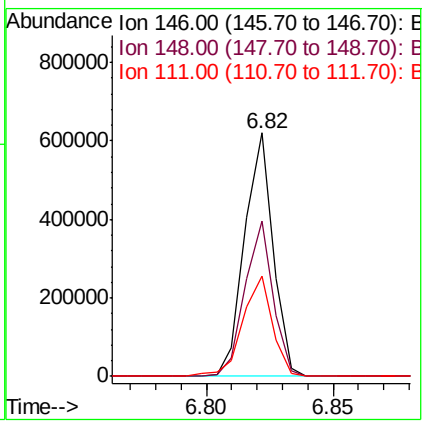




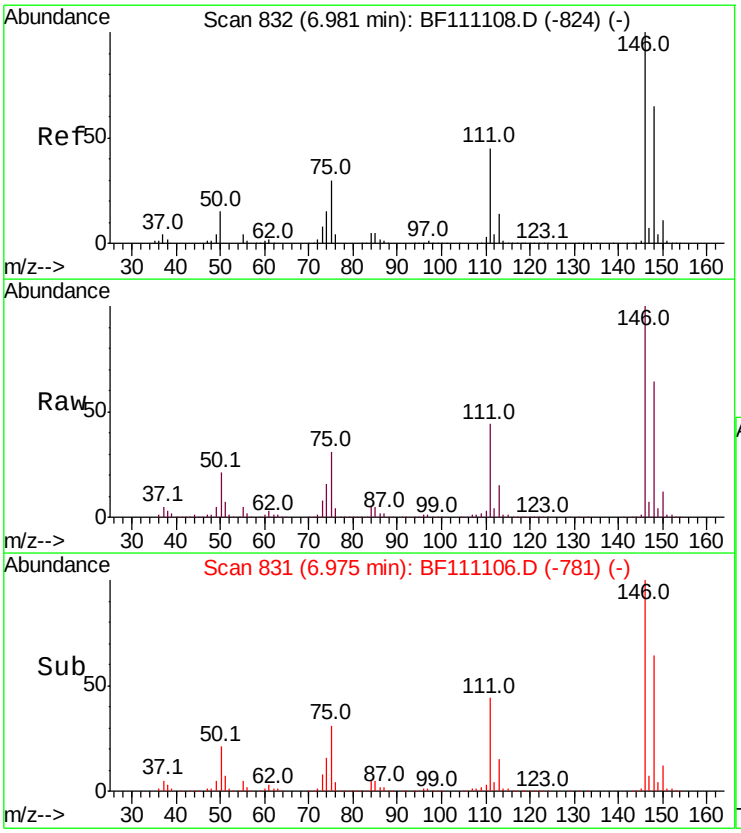

#13
1,4-Dichlorobenzene
Concen: 10.918 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:146 Resp: 484915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 50.3 | 75.5 |
| 111 | 40.9 | 32.7 | 49.1 |



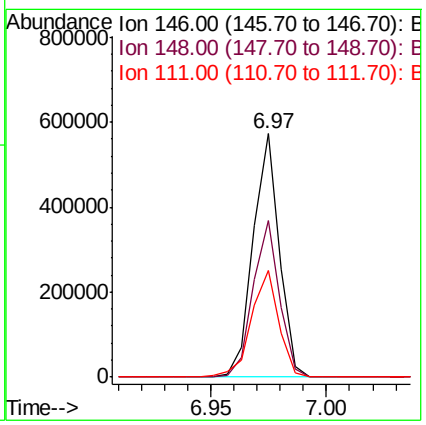

**Instrument :**
BNA_F
**ClientSampleId :**

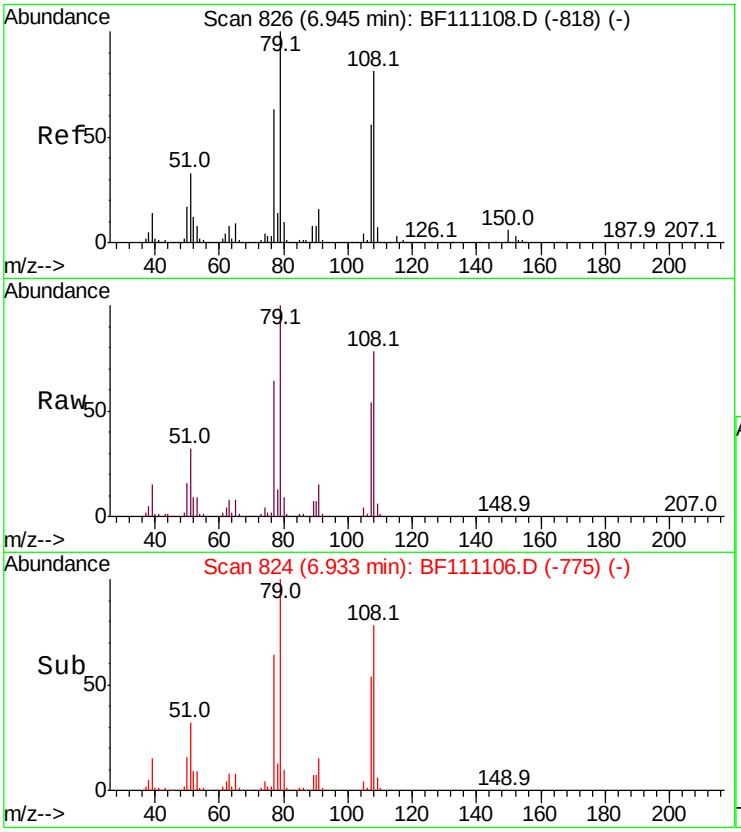



#14
1,2-Dichlorobenzene
Concen: 10.844 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:146 Resp: 453321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.1 | 76.7 |
| 111 | 43.9 | 35.8 | 53.6 |



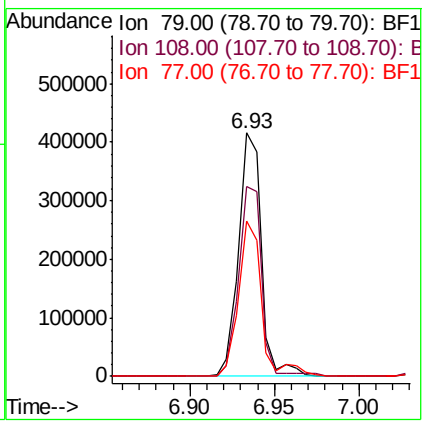


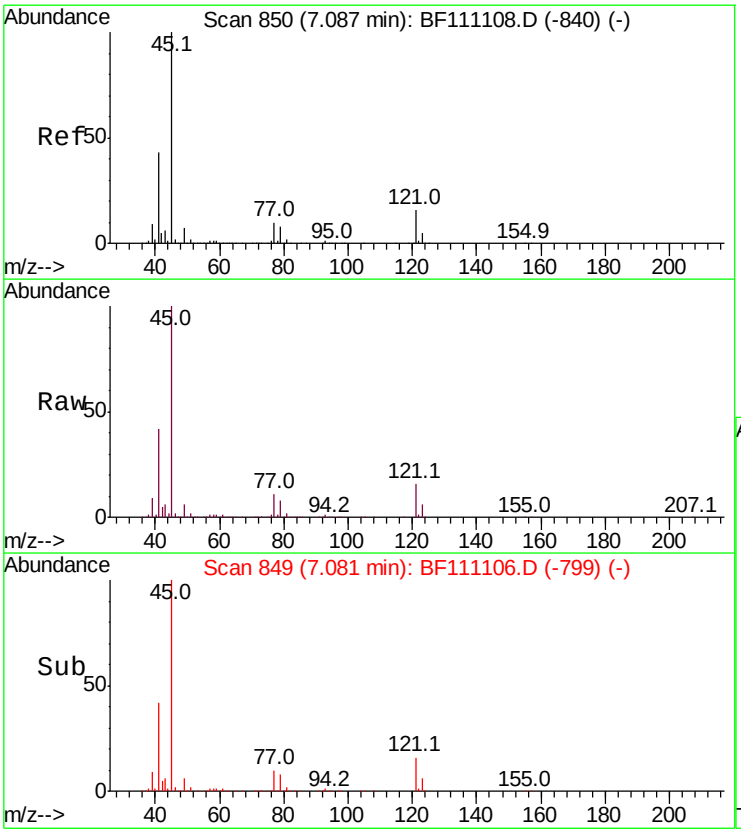

#15
Benzyl Alcohol
Concen: 11.795 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion: 79 Resp: 391879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.0 | 56.3 | 84.5 |
| 77 | 63.8 | 52.9 | 79.3 |

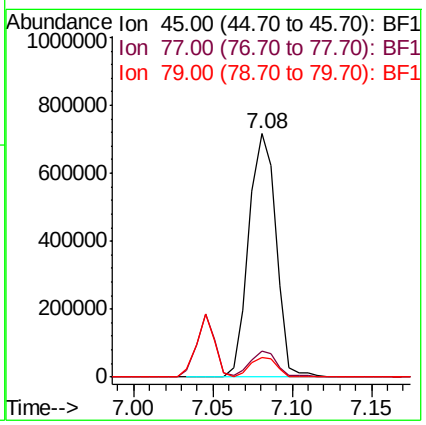


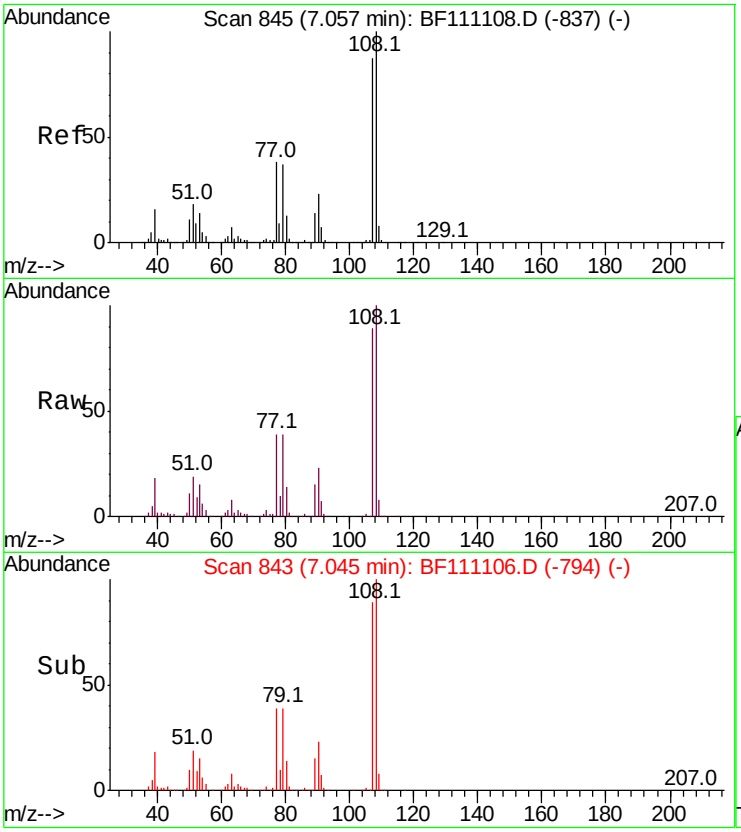




#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.713 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 45 Resp: 858835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.6 | 10.0 | 50.0 |
| 79 | 8.0 | 6.1 | 46.1 |



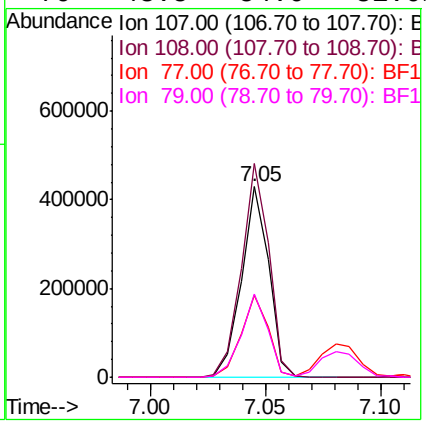


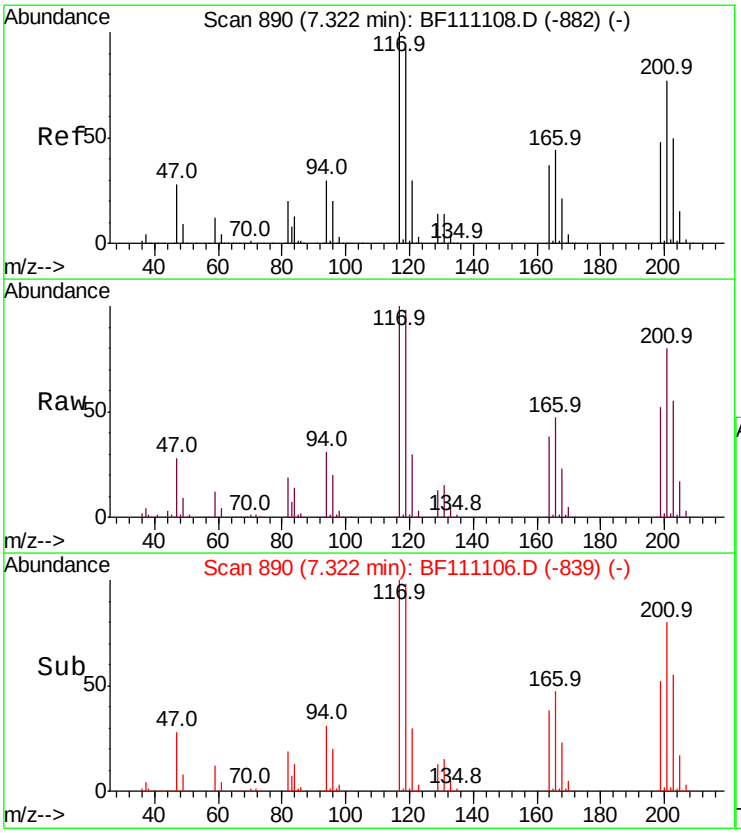

#17
2-Methylphenol
Concen: 11.368 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:107 Resp: 355343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.3 | 92.6 | 138.8 |
| 77 | 43.3 | 59.4 | 89.2# |
| 79 | 43.5 | 54.0 | 81.0# |

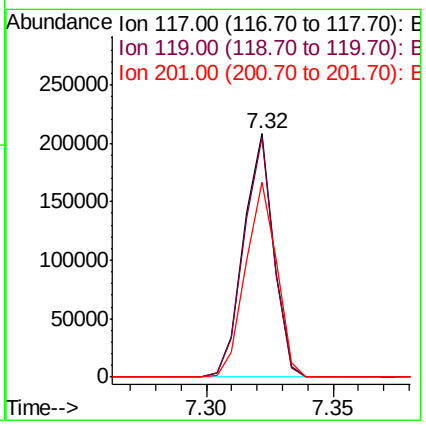


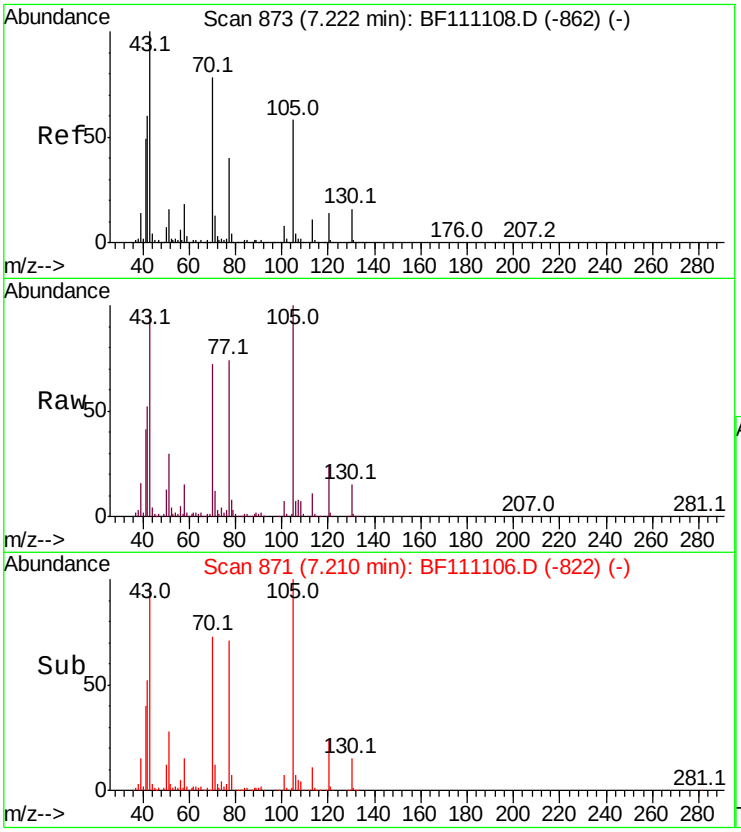




#18
Hexachloroethane
Concen: 10.503 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:117 Resp: 171598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 98.2 | 75.0 | 112.6 |
| 201 | 80.0 | 79.2 | 118.8 |



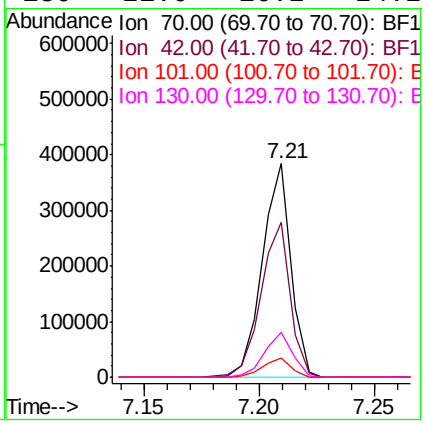


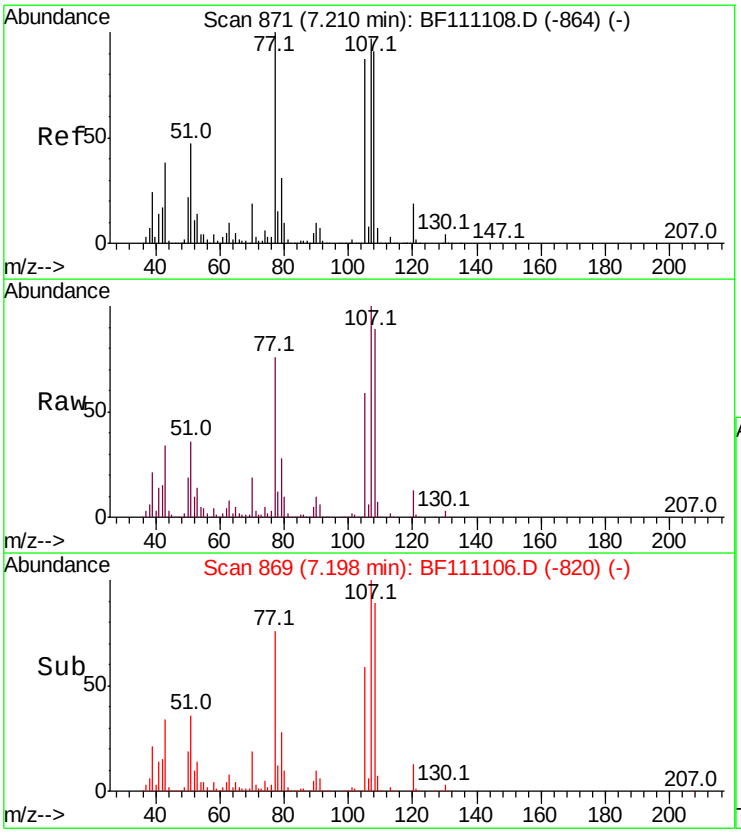

#19
n-Nitroso-di-n-propylamine
Concen: 11.727 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion: 70 Resp: 330222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 72.5 | 47.4 | 71.2# |
| 101 | 9.1 | 7.3 | 10.9 |
| 130 | 21.0 | 16.2 | 24.2 |

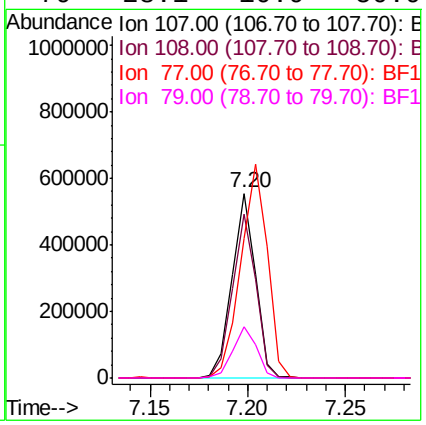


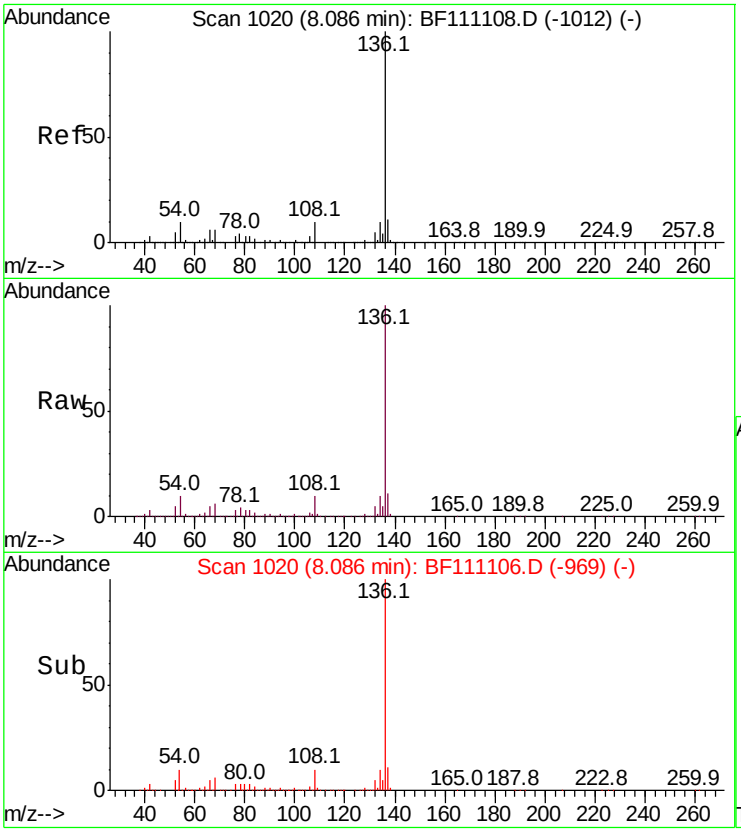




#20
3+4-Methylphenols
Concen: 11.125 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:107 Resp: 462288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.0 | 71.4 | 111.4 |
| 77 | 76.0 | 47.3 | 87.3 |
| 79 | 28.1 | 10.9 | 50.9 |



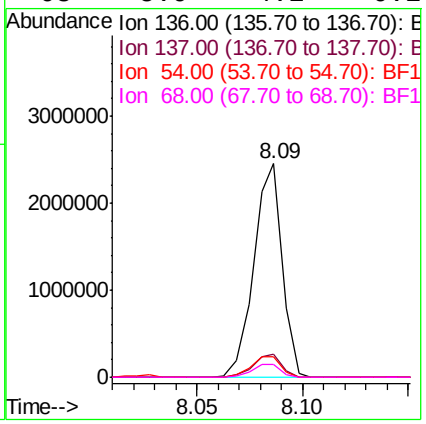


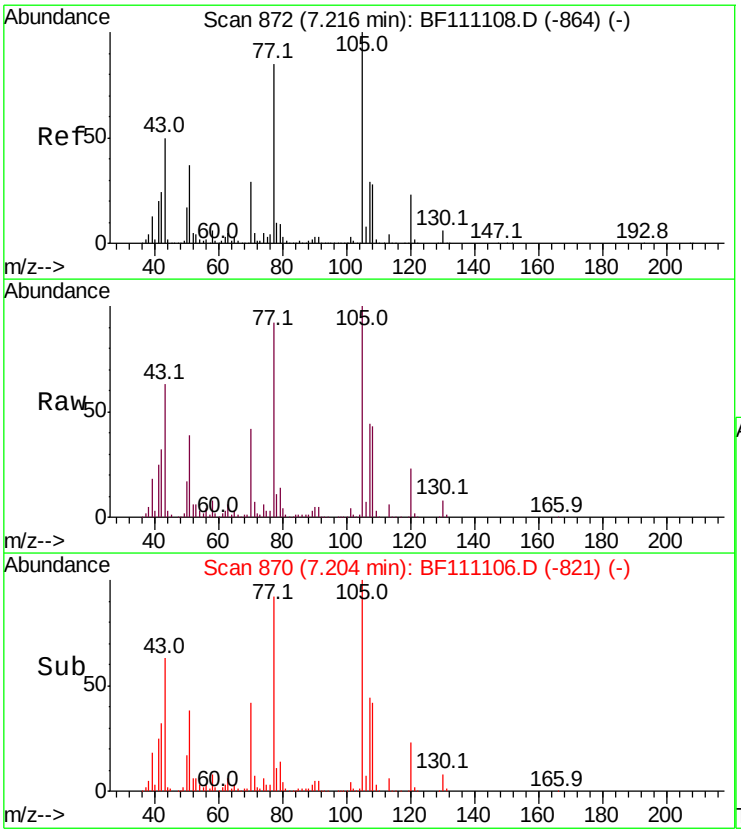

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:136 Resp: 2287627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.8 | 13.2 |
| 54 | 9.6 | 5.4 | 8.2# |
| 68 | 5.9 | 4.2 | 6.2 |

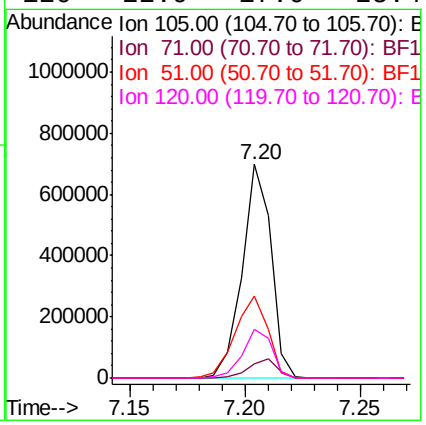


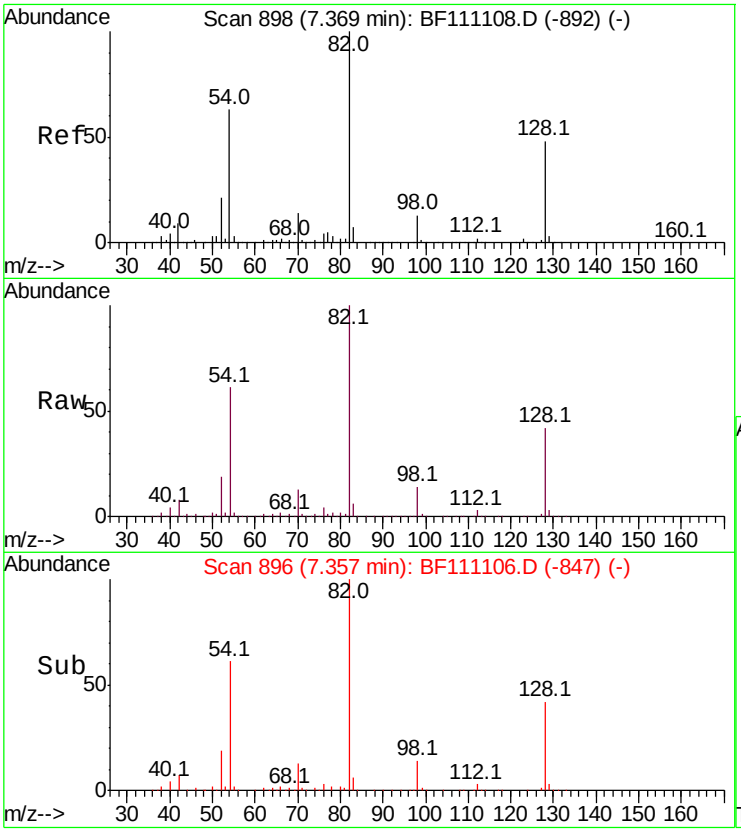




#22
Acetophenone
Concen: 11.377 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:105 Resp: 610046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.7 | 5.2 | 7.8 |
| 51 | 38.6 | 21.8 | 32.8# |
| 120 | 22.9 | 17.0 | 25.4 |



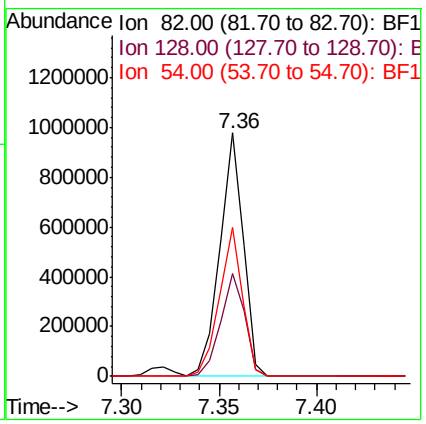


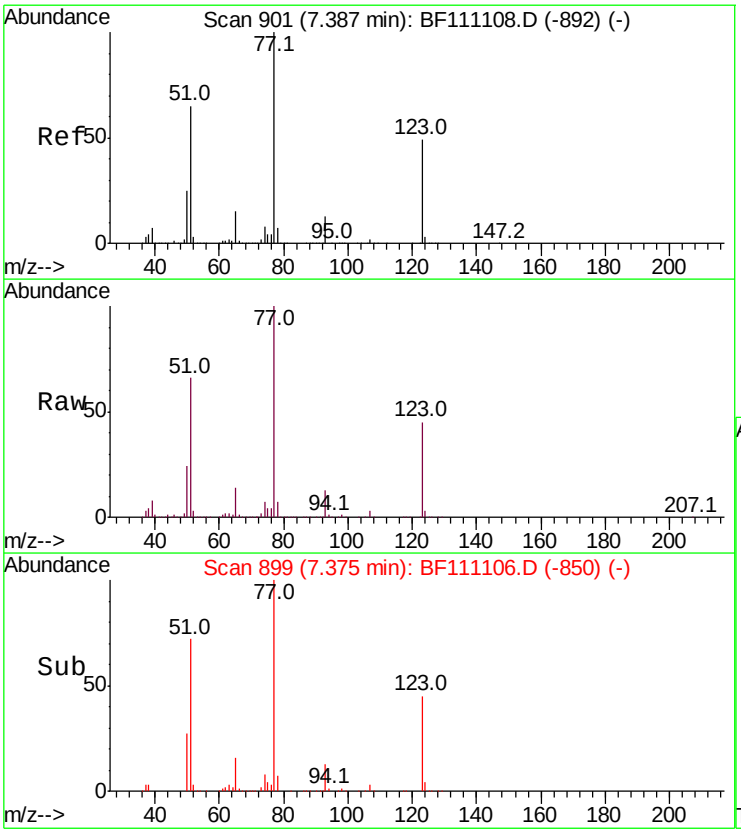

#23
Nitrobenzene-d5
Concen: 20.432 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion: 82 Resp: 816707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.3 | 34.2 | 51.2 |
| 54 | 60.9 | 38.6 | 58.0# |

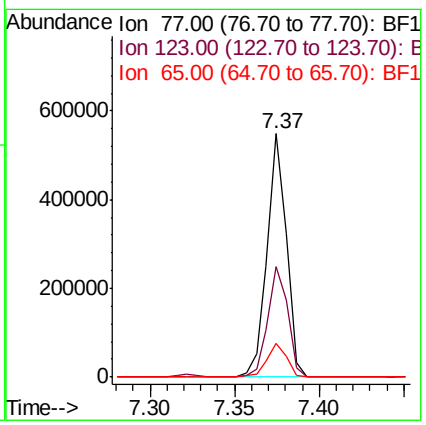


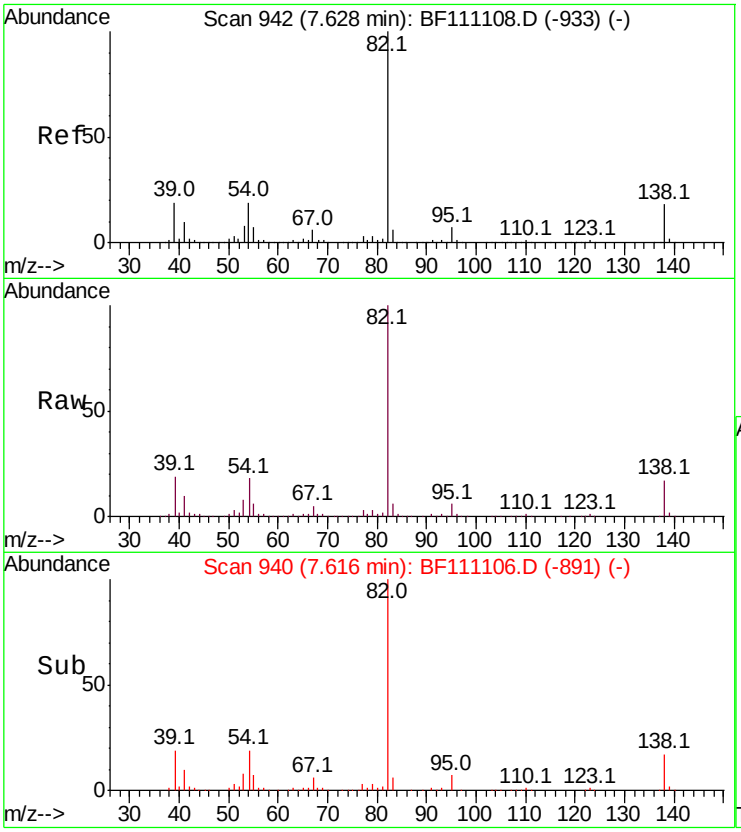




#24
Nitrobenzene
Concen: 10.410 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 77 Resp: 432723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.3 | 35.7 | 53.5 |
| 65 | 14.0 | 10.7 | 16.1 |



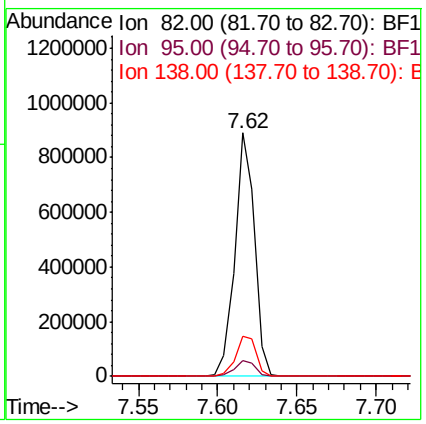


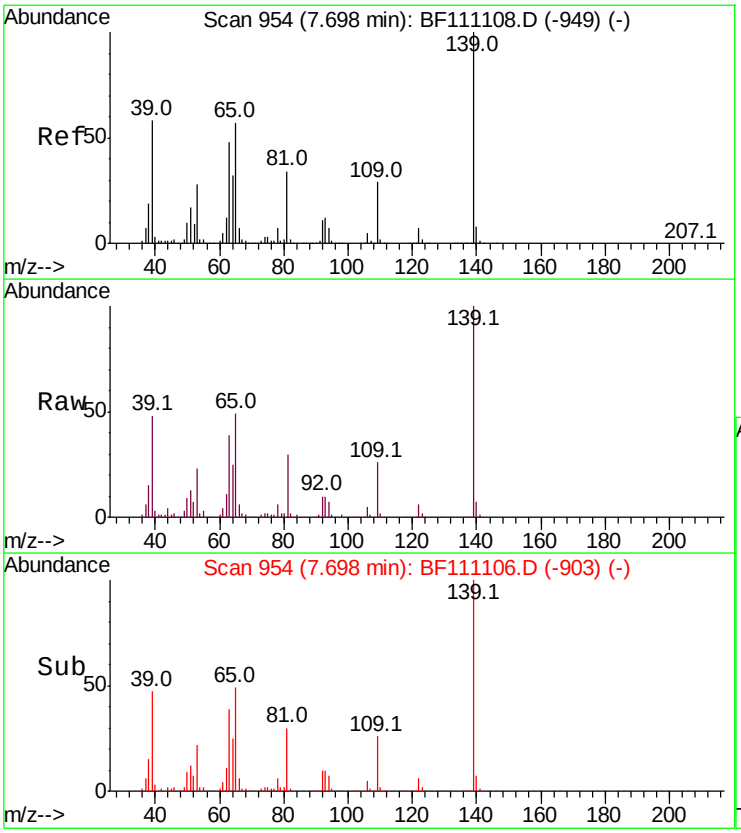

#25
Isophorone
Concen: 11.598 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion: 82 Resp: 760482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.5 | 5.7 | 8.5 |
| 138 | 16.7 | 13.2 | 19.8 |

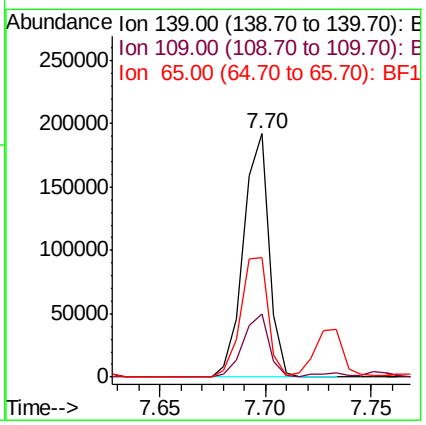


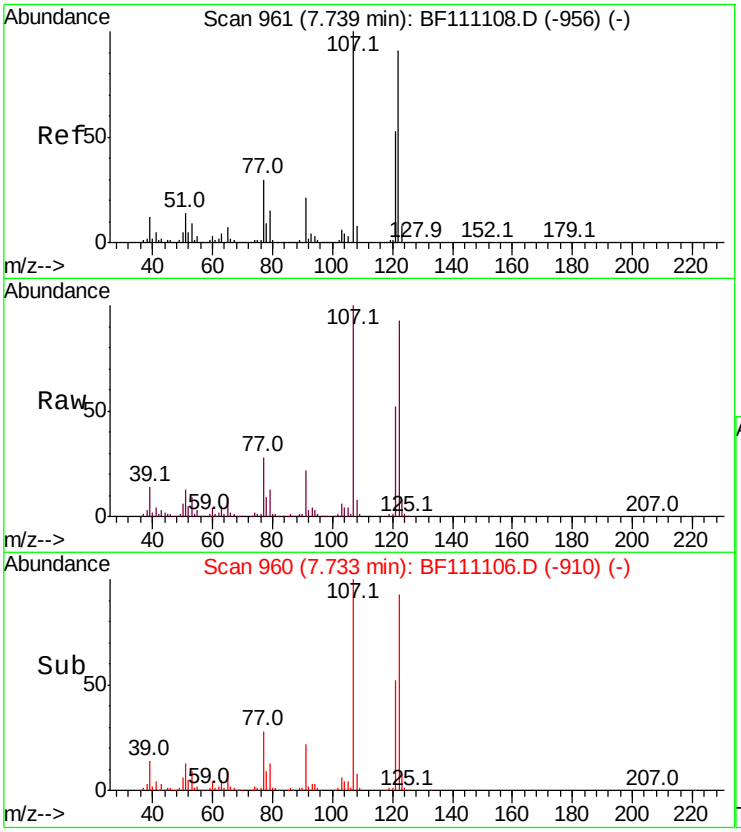




#26
2-Nitrophenol
Concen: 8.018 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:139 Resp: 161933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.9 | 25.0 | 37.6 |
| 65 | 49.0 | 44.0 | 66.0 |



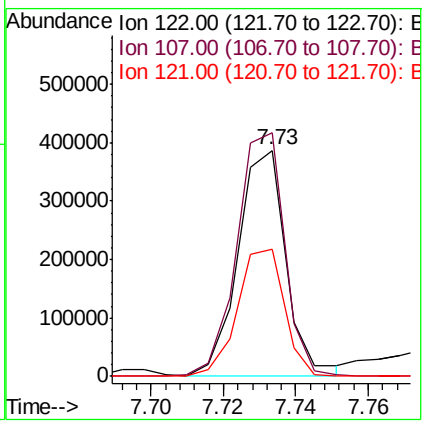


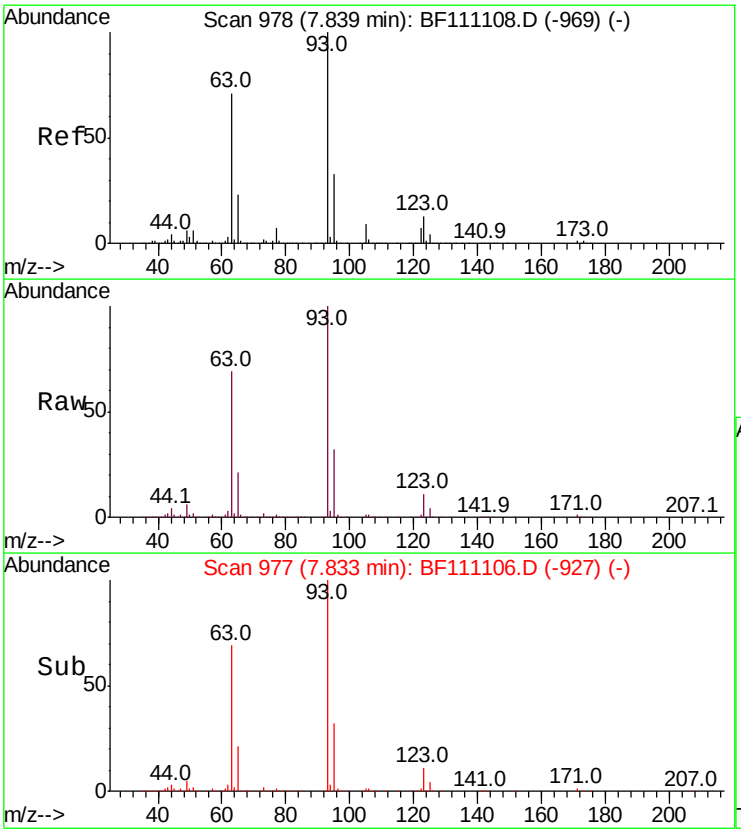

#27
2,4-Dimethylphenol
Concen: 11.670 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:122 Resp: 355918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 107.6 | 92.5 | 138.7 |
| 121 | 56.3 | 45.8 | 68.8 |

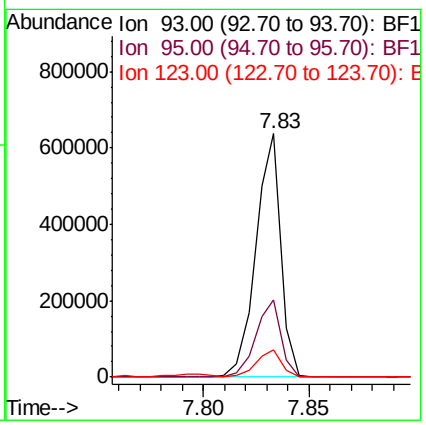


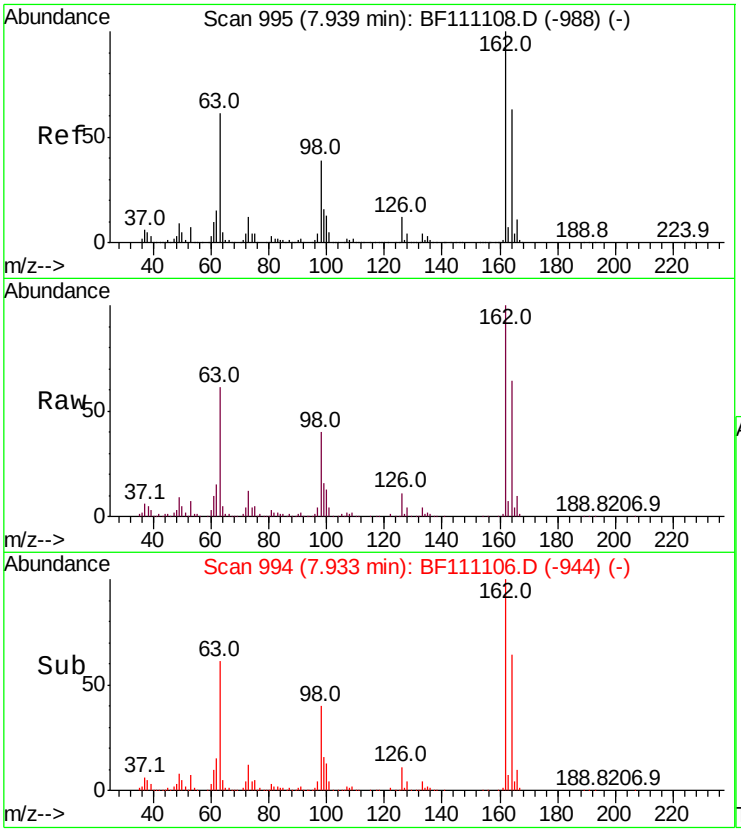




#28
bis(2-Chloroethoxy)methane
Concen: 11.894 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 93 Resp: 522441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.0 | 26.4 | 39.6 |
| 123 | 11.3 | 9.0 | 13.6 |



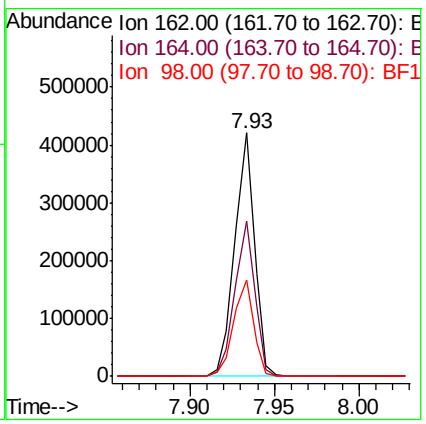


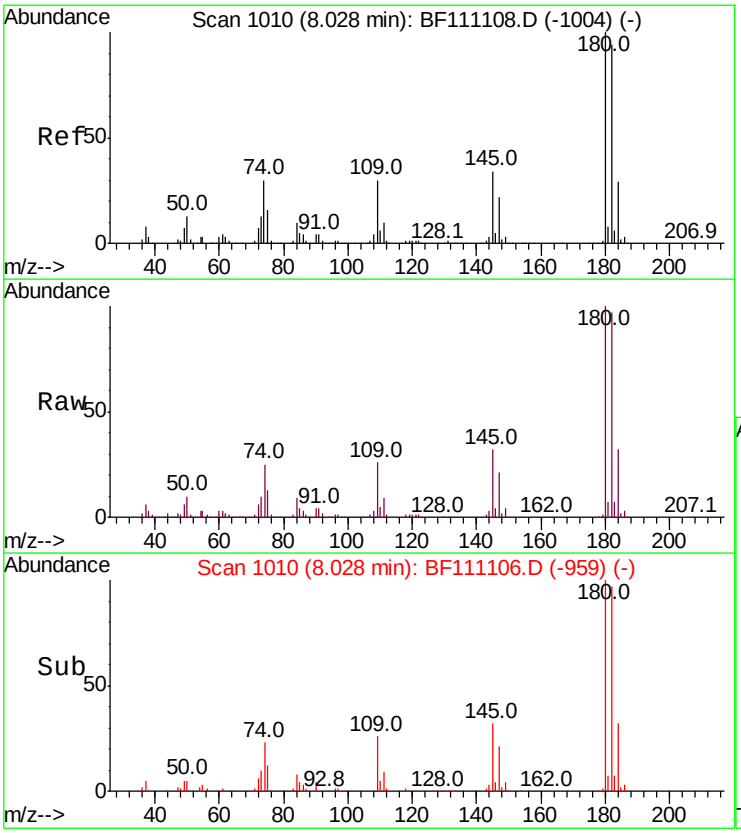

#29
2,4-Dichlorophenol
Concen: 10.811 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:162 Resp: 345028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.9 | 44.6 | 84.6 |
| 98 | 39.8 | 17.4 | 57.4 |

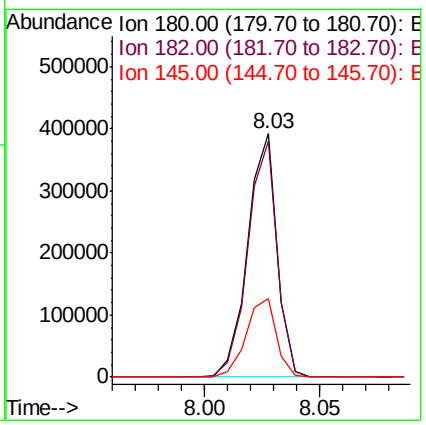


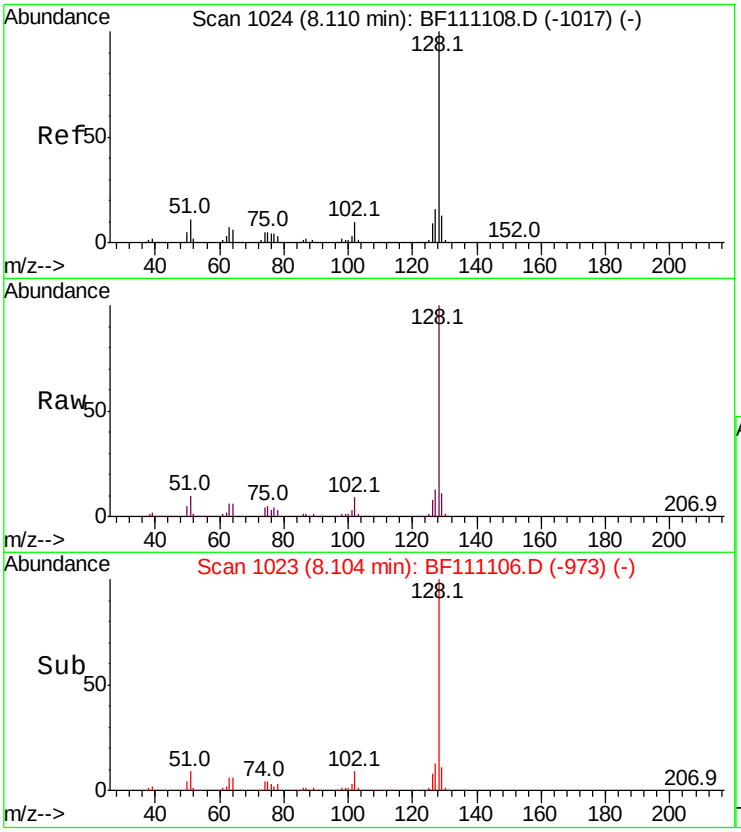




#30
1,2,4-Trichlorobenzene
Concen: 9.757 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:180 Resp: 348946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.7 | 80.3 | 120.5 |
| 145 | 32.3 | 25.4 | 38.0 |



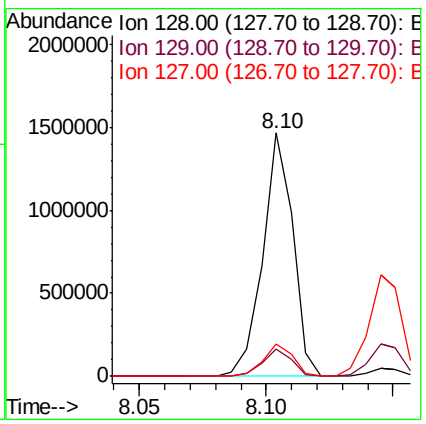


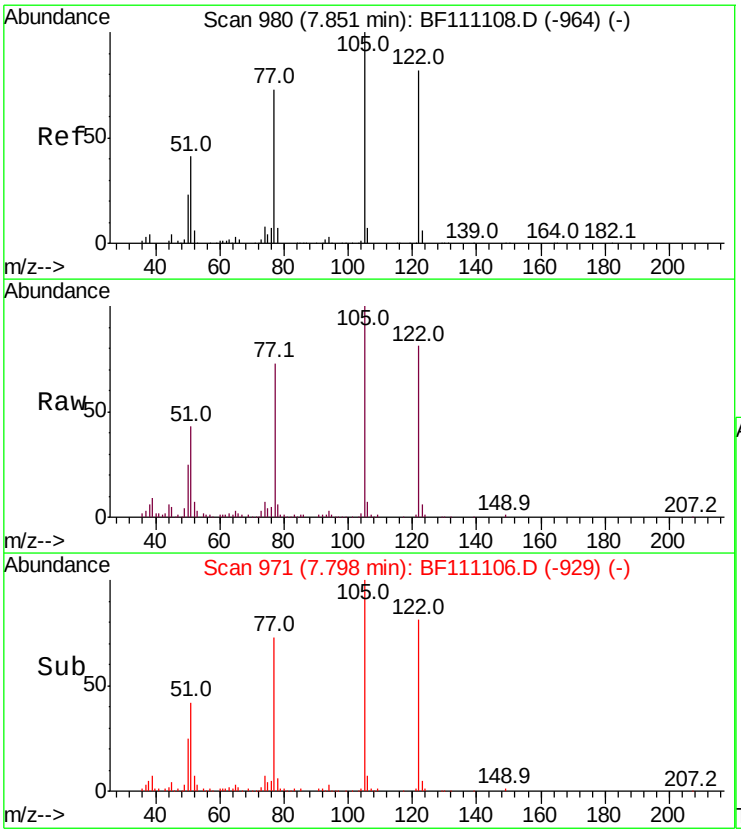

#31
Naphthalene
Concen: 11.385 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:128 Resp: 1220807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 8.8 | 13.2 |
| 127 | 13.1 | 10.8 | 16.2 |

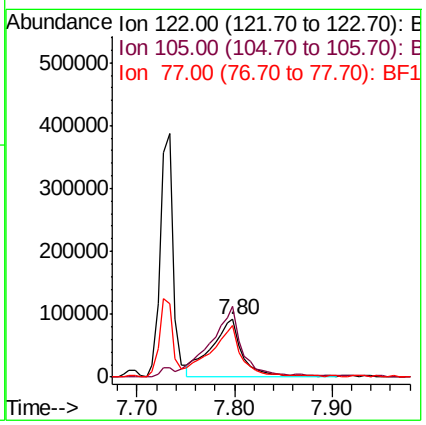


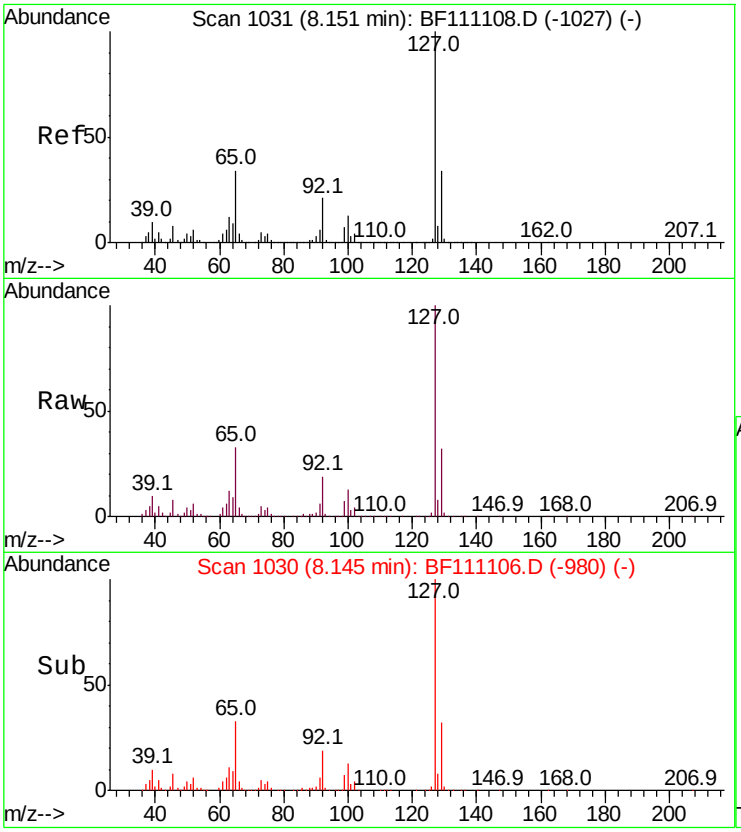




#32
Benzoic acid
Concen: 8.771 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.05 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:122 Resp: 198887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.6 | 109.0 | 149.0 |
| 77 | 90.4 | 79.0 | 119.0 |



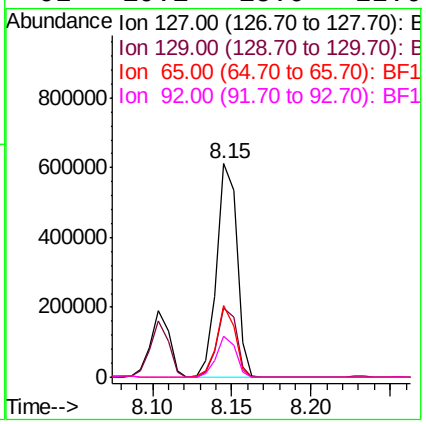


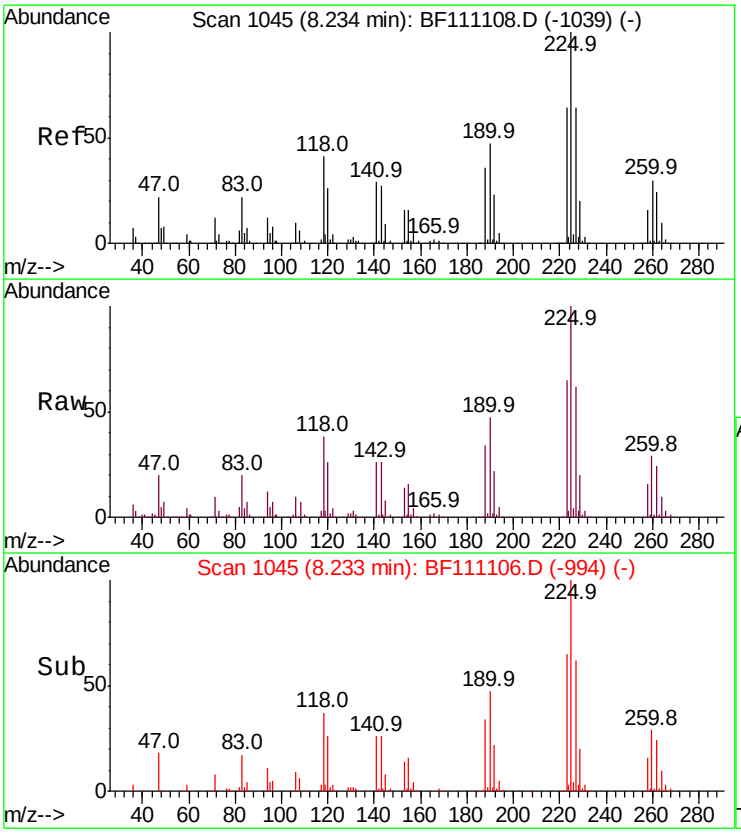

#33
4-Chloroaniline
Concen: 11.878 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:127 Resp: 542149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 26.0 | 39.0 |
| 65 | 33.3 | 25.1 | 37.7 |
| 92 | 19.1 | 15.0 | 22.6 |

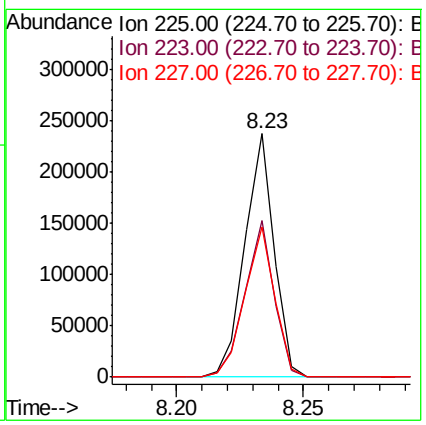


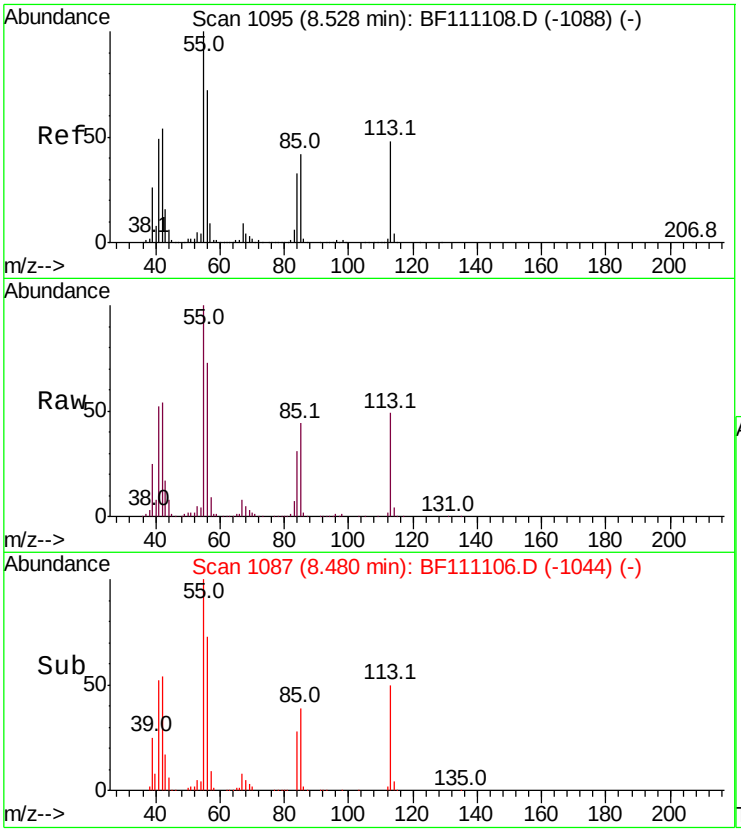




#34
Hexachlorobutadiene
Concen: 9.376 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:225 Resp: 190994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.5 | 51.4 | 77.2 |
| 227 | 61.6 | 51.0 | 76.6 |



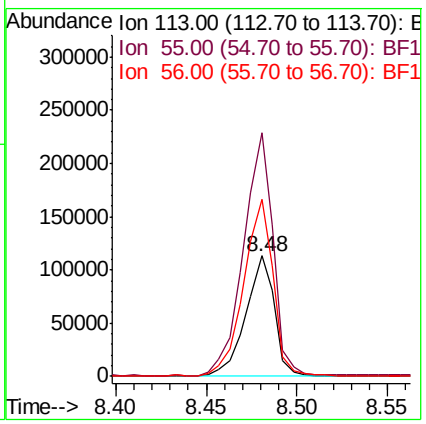


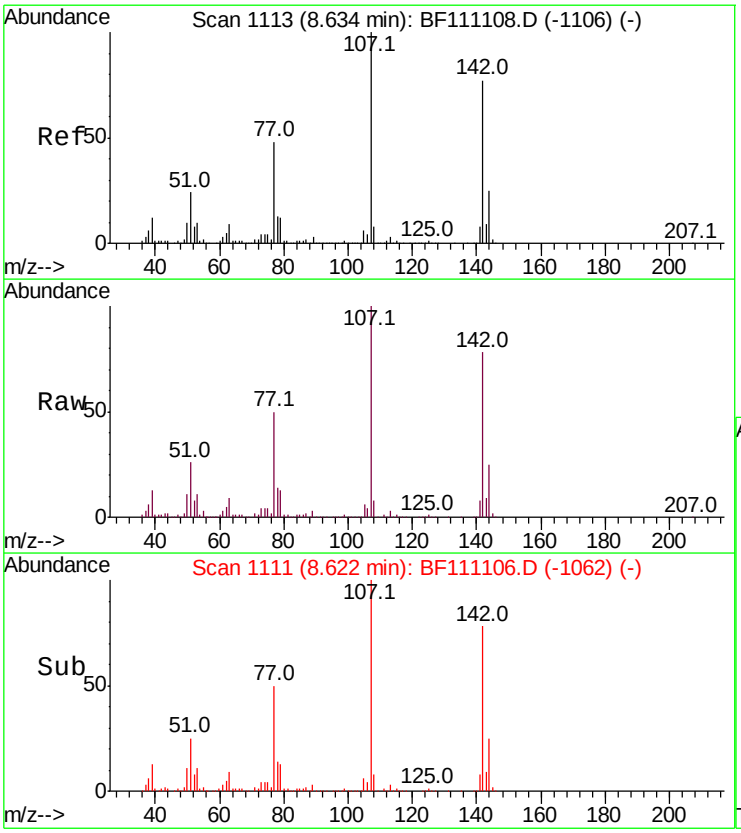

#35
Caprolactam
Concen: 11.388 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:113 Resp: 124078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 202.6 | 142.8 | 182.8# |
| 56 | 147.1 | 105.0 | 145.0# |

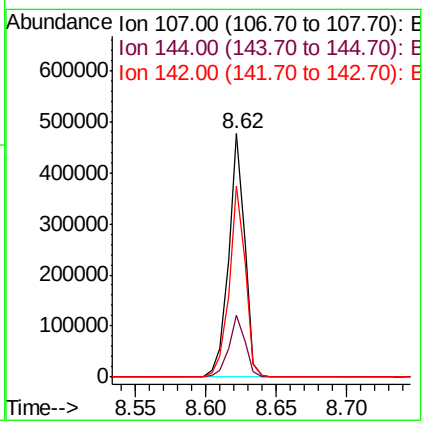


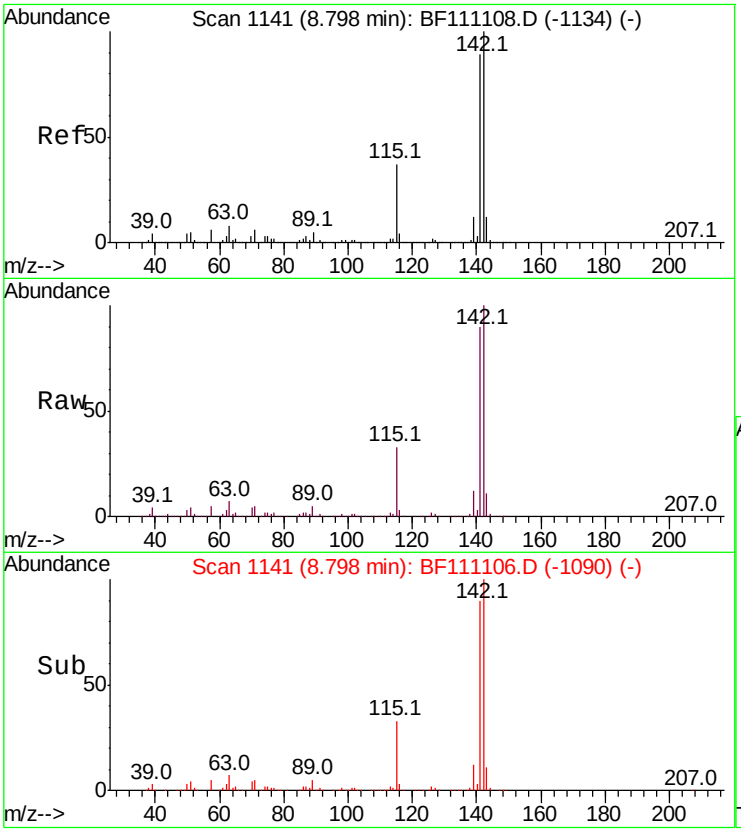




#36
4-Chloro-3-methylphenol
Concen: 10.710 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:107 Resp: 379753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.4 | 20.0 | 30.0 |
| 142 | 78.3 | 59.7 | 89.5 |



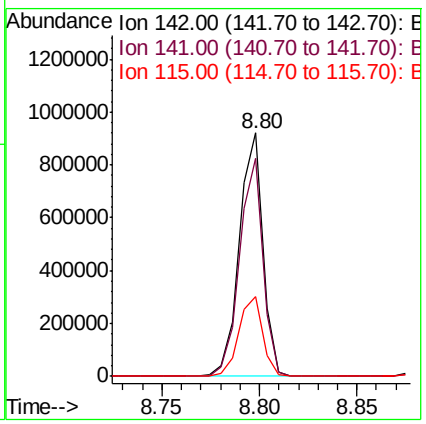


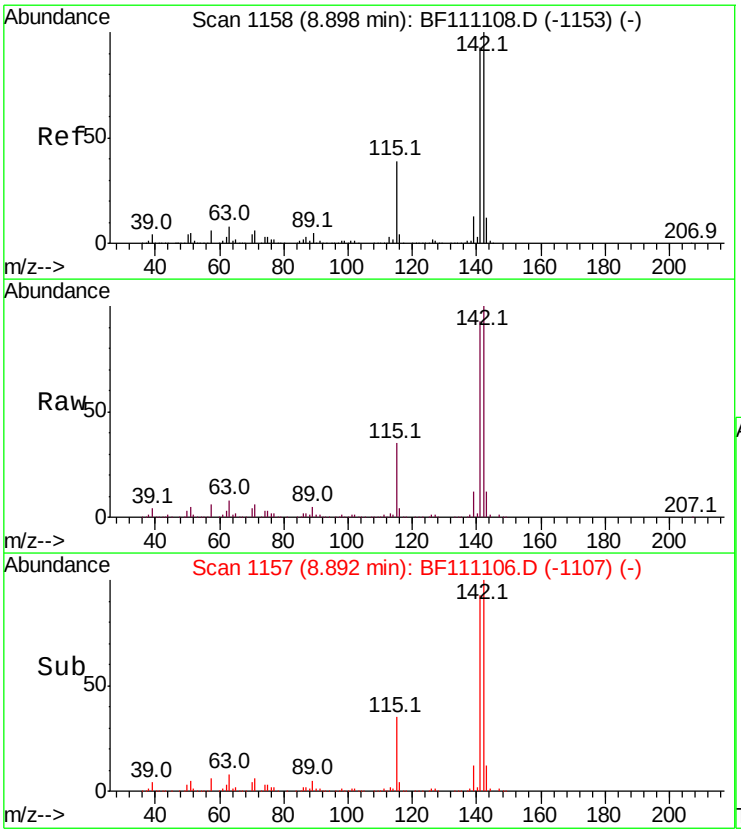

#37
2-Methylnaphthalene
Concen: 10.864 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:142 Resp: 769522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.5 | 71.4 | 107.2 |
| 115 | 32.8 | 28.7 | 43.1 |

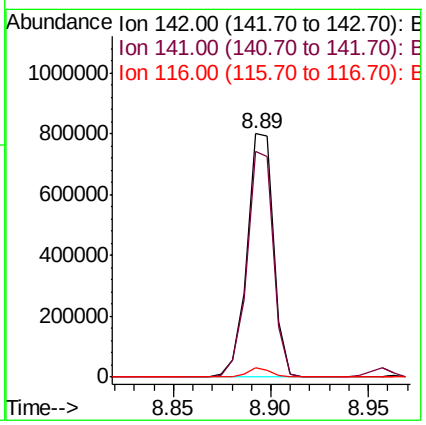


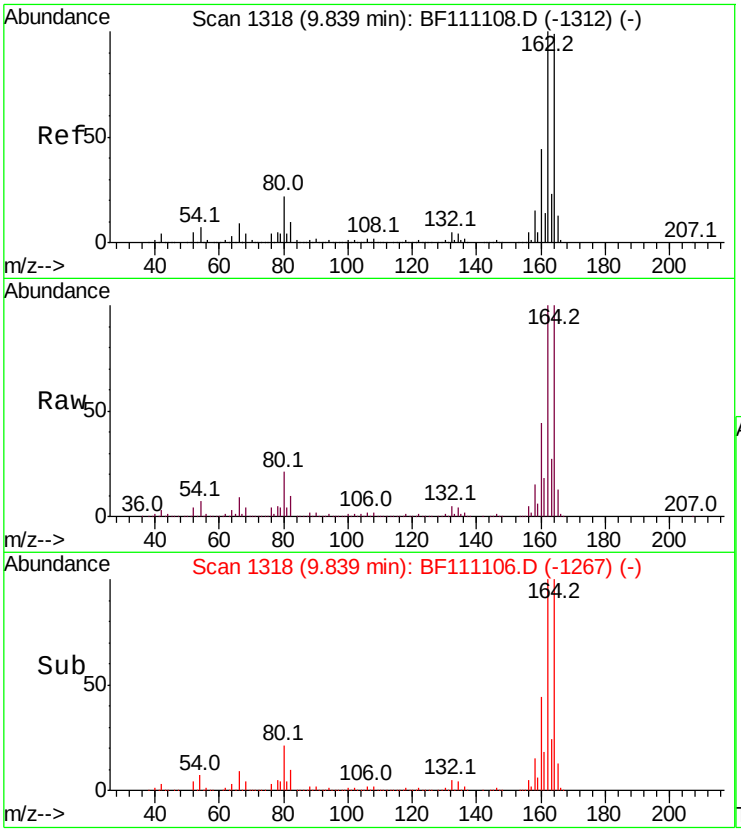




#38
1-Methylnaphthalene
Concen: 10.885 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:142 Resp: 749891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.9 | 74.2 | 111.4 |
| 116 | 4.0 | 2.6 | 4.0 |



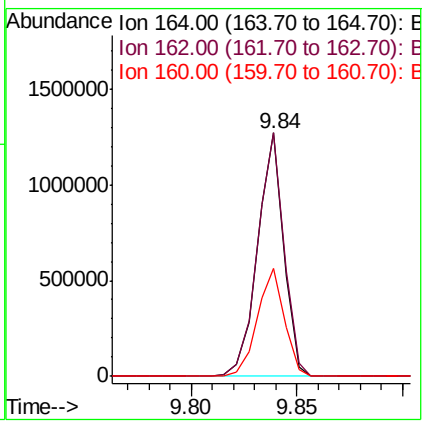


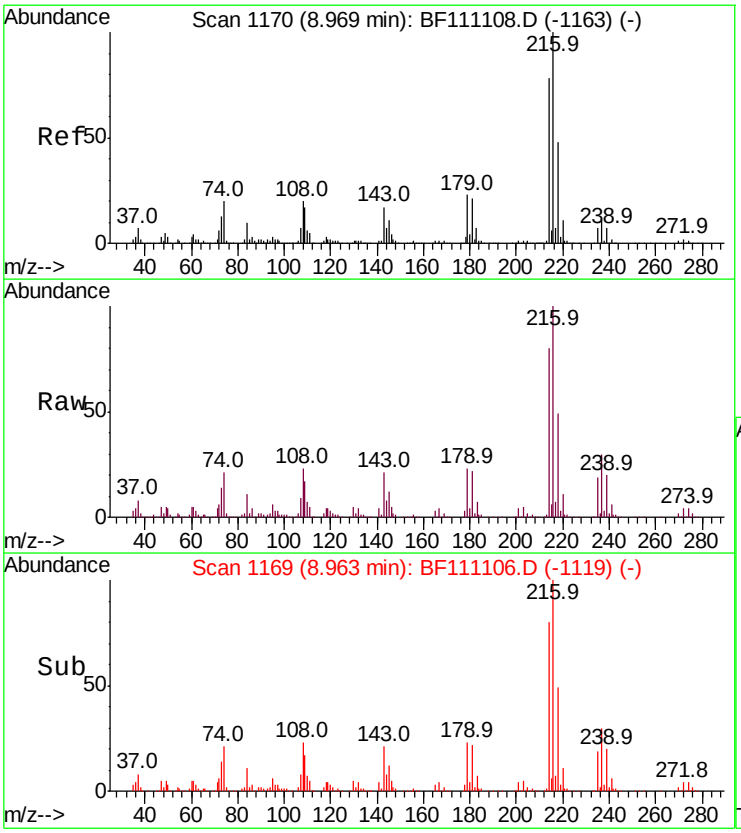

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:164 Resp: 1093427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 83.0 | 124.6 |
| 160 | 44.3 | 37.0 | 55.6 |

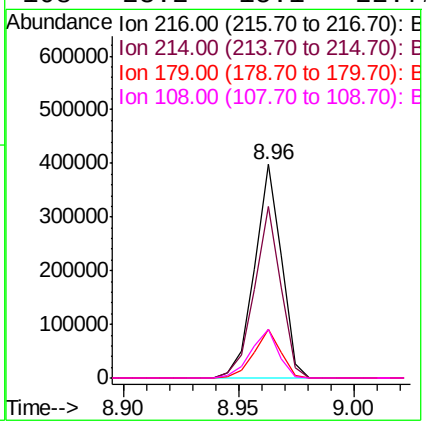


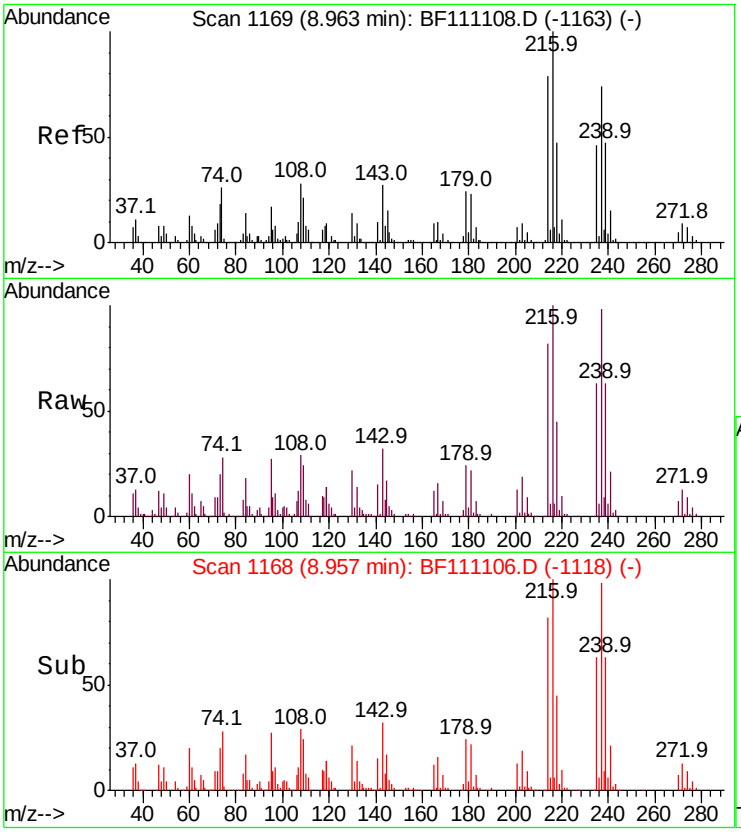




#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.430 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:216 Resp: 324370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 63.8 | 95.6 |
| 179 | 22.6 | 16.6 | 25.0 |
| 108 | 23.2 | 15.1 | 22.7# |



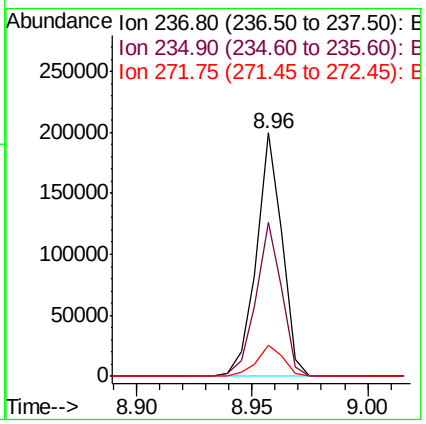


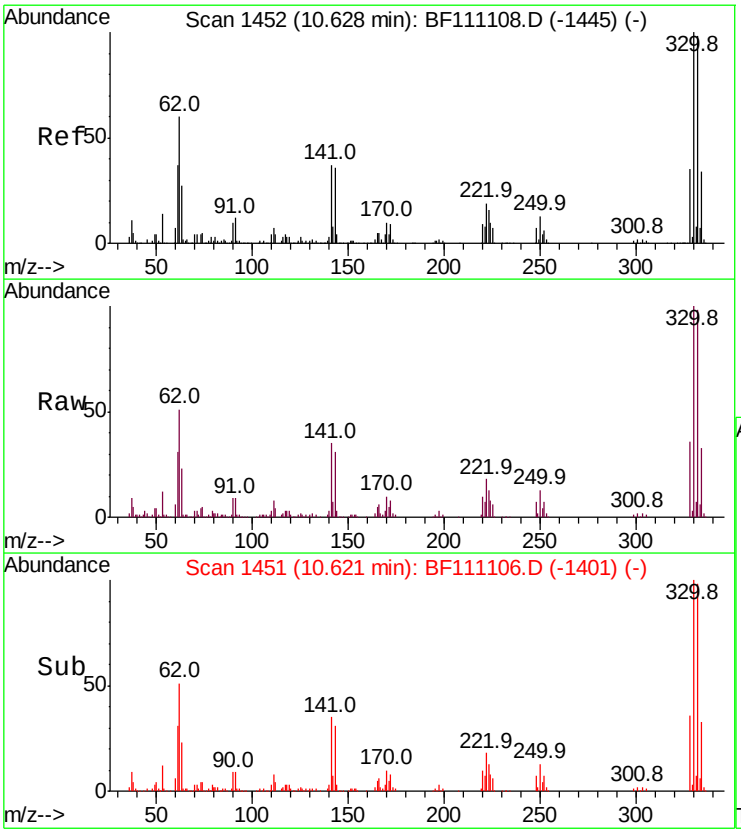

#41
Hexachlorocyclopentadiene
Concen: 44.902 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:237 Resp: 155411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.5 | 43.1 | 83.1 |
| 272 | 12.9 | 0.0 | 32.6 |

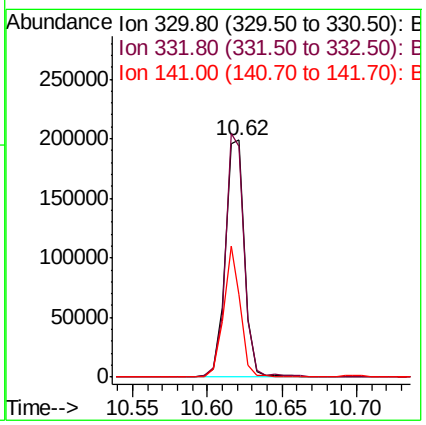


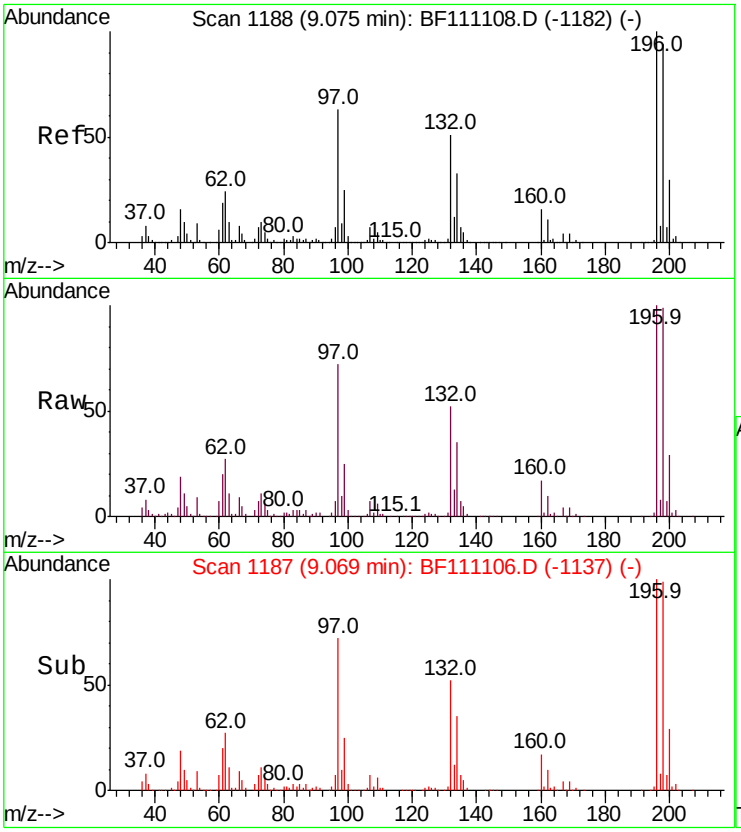




#42
2,4,6-Tribromophenol
Concen: 16.999 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:330 Resp: 184595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.7 | 77.1 | 115.7 |
| 141 | 47.6 | 27.0 | 40.4# |



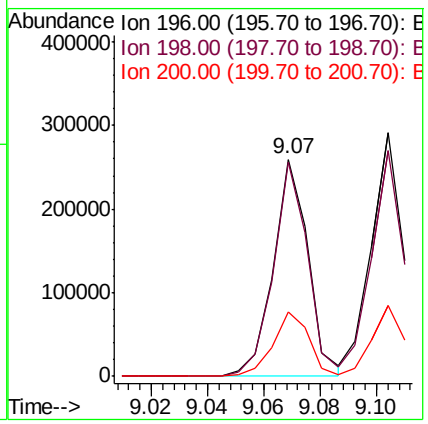


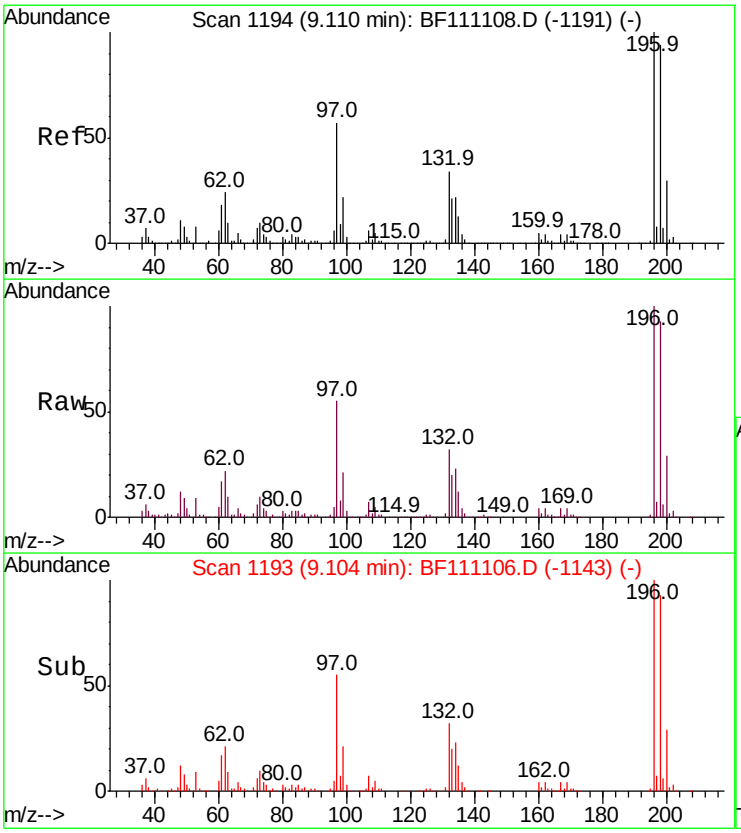

#43
2,4,6-Trichlorophenol
Concen: 10.750 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:196 Resp: 220839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.7 | 76.2 | 114.4 |
| 200 | 29.5 | 24.4 | 36.6 |

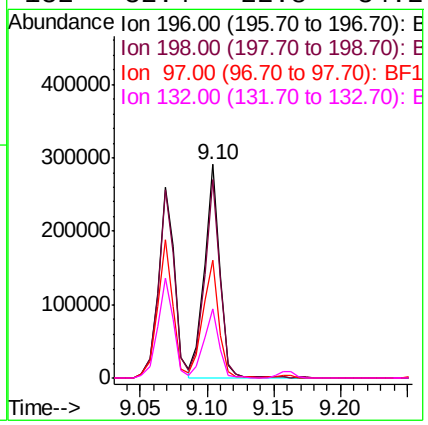


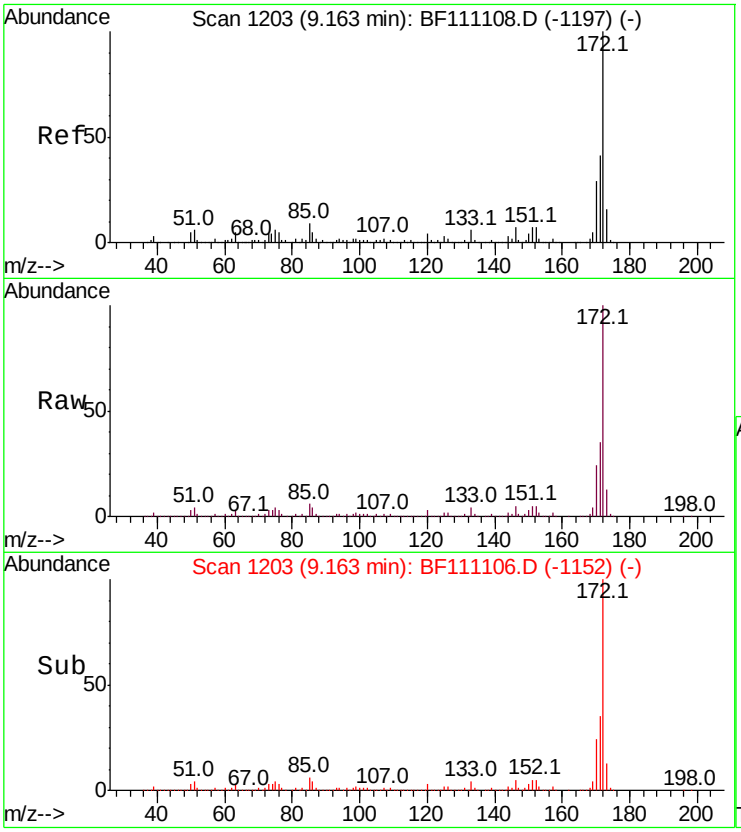




#44
2,4,5-Trichlorophenol
Concen: 10.808 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:196 Resp: 233784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.9 | 75.8 | 113.6 |
| 97 | 55.1 | 42.4 | 63.6 |
| 132 | 32.4 | 22.8 | 34.2 |



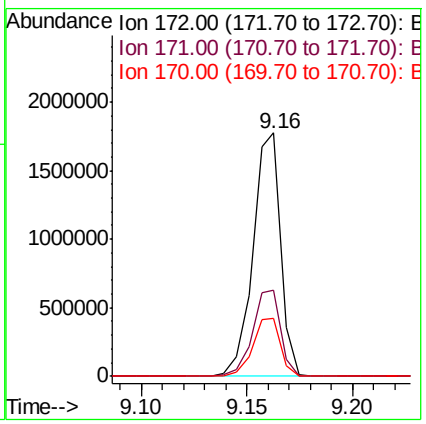


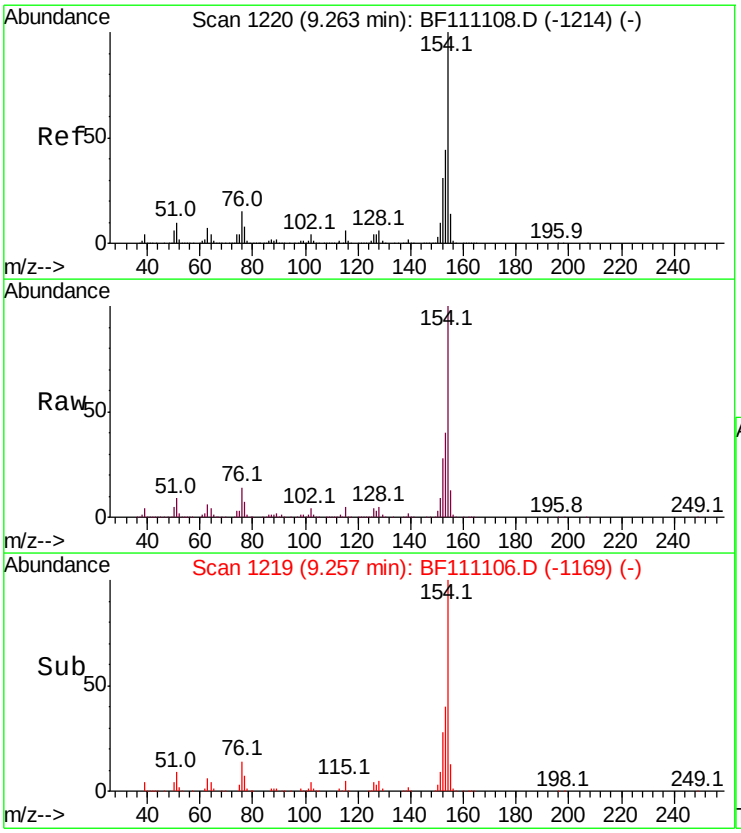

#45
2-Fluorobiphenyl
Concen: 21.382 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:172 Resp: 1613772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.6 | 43.0 |
| 170 | 23.8 | 19.7 | 29.5 |

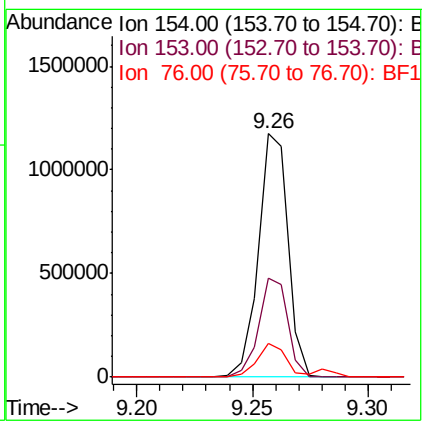


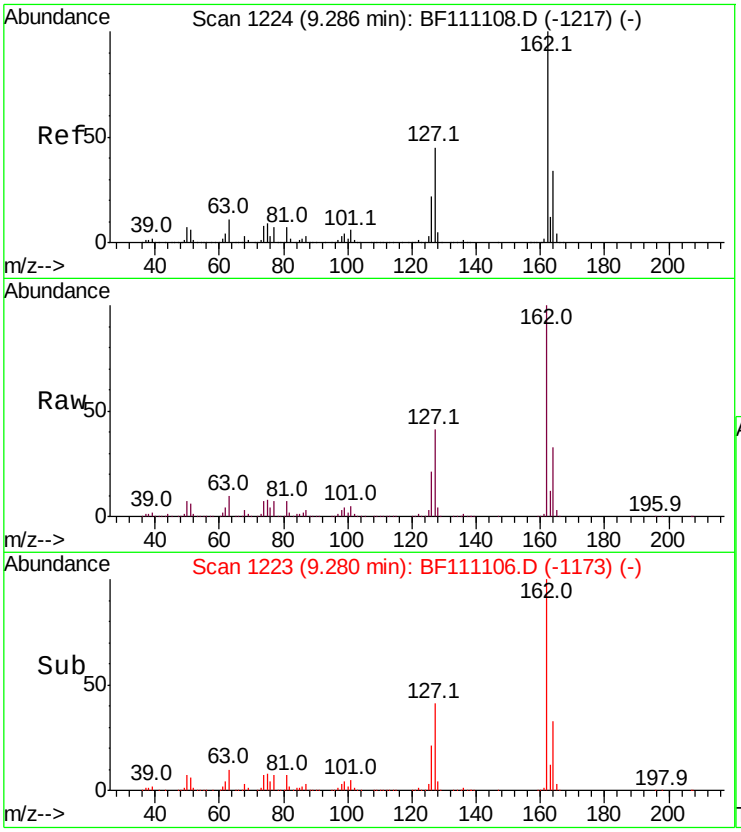




#46
1,1'-Biphenyl
Concen: 10.420 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:154 Resp: 1050398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.4 | 20.4 | 60.4 |
| 76 | 13.7 | 0.0 | 31.9 |



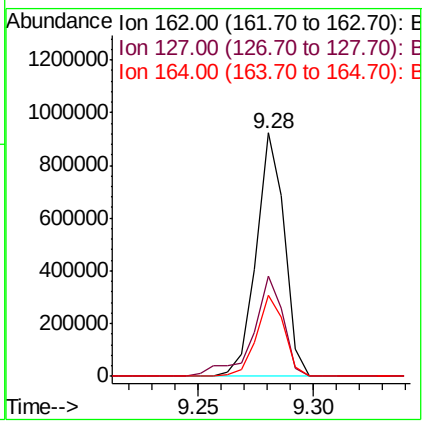


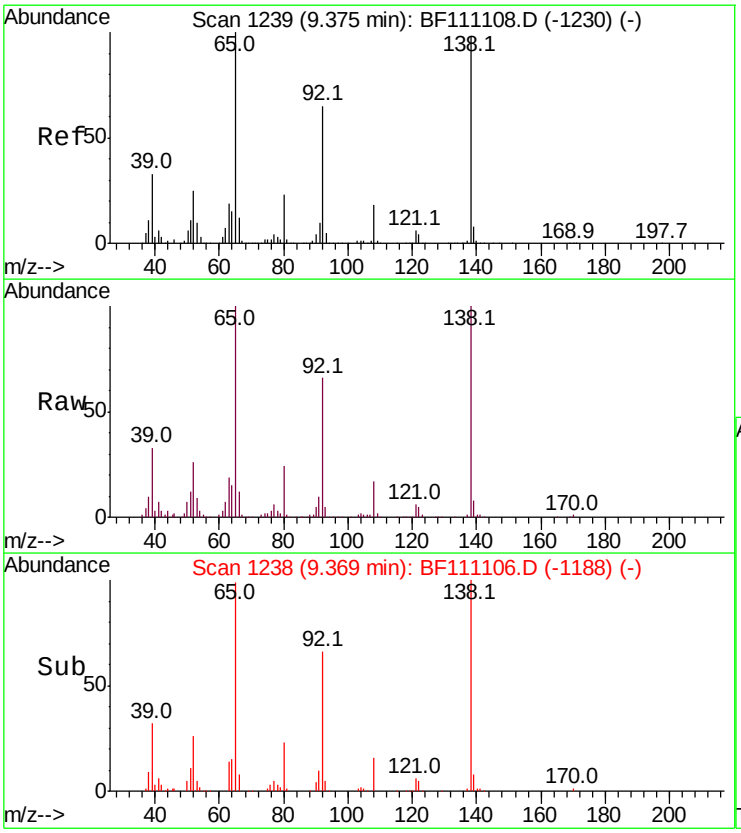

#47
2-Chloronaphthalene
Concen: 10.723 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:162 Resp: 783753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.3 | 32.6 | 48.8 |
| 164 | 33.1 | 25.9 | 38.9 |

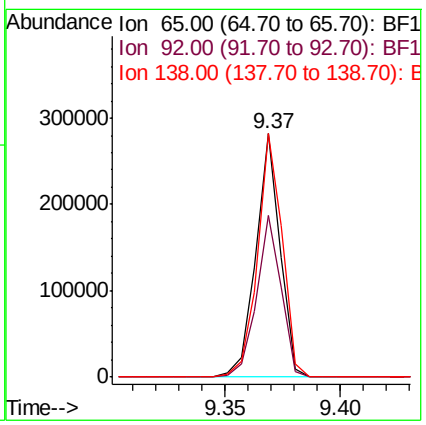


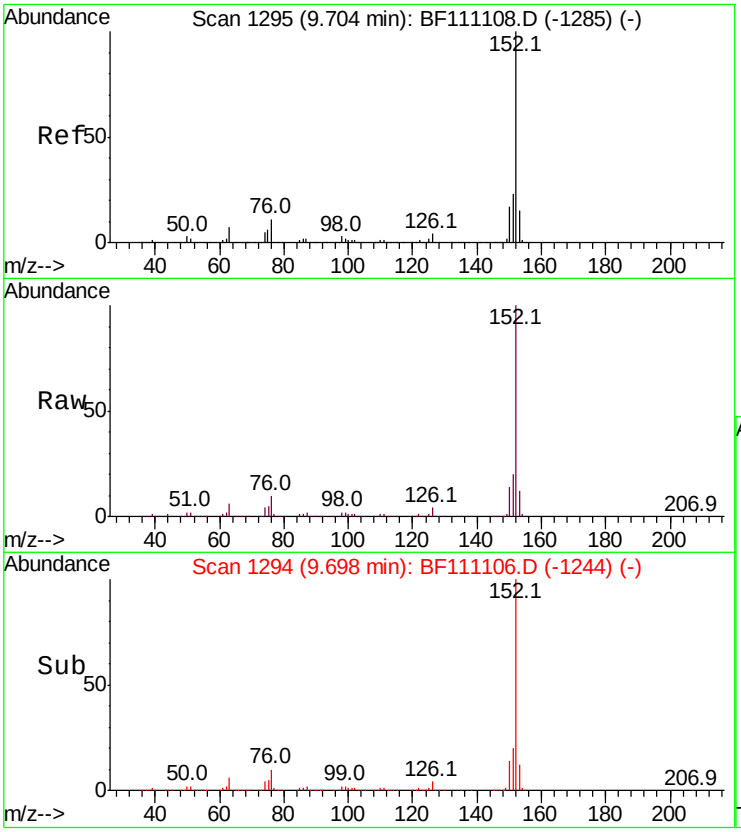




#48
2-Nitroaniline
Concen: 9.029 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion: 65 Resp: 206411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.3 | 54.6 | 81.8 |
| 138 | 100.0 | 80.3 | 120.5 |



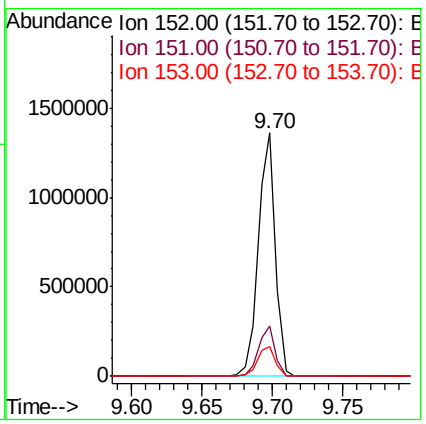


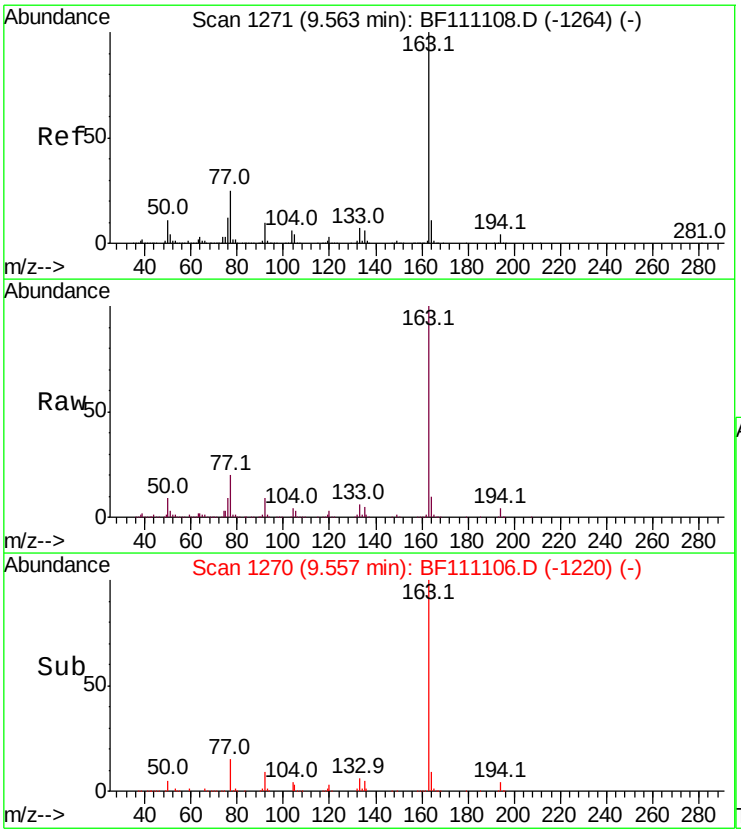

#49
Acenaphthylene
Concen: 11.187 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:152 Resp: 1162679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.5 | 15.8 | 23.8 |
| 153 | 12.2 | 10.4 | 15.6 |

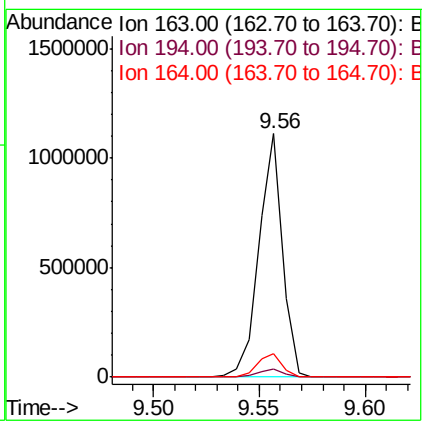


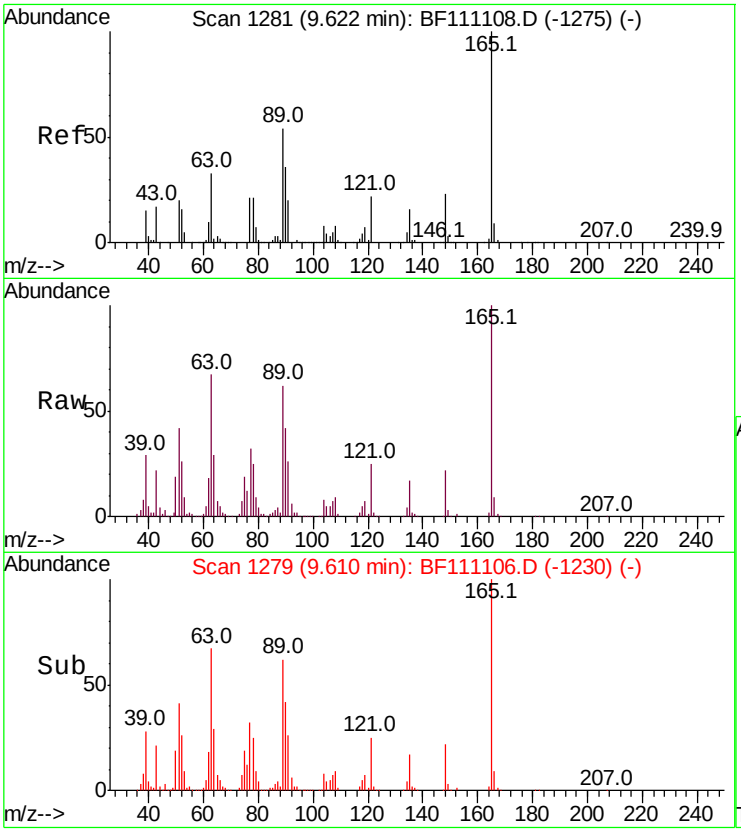




#50
Dimethylphthalate
Concen: 10.742 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:163 Resp: 861410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 3.2 | 4.8 |
| 164 | 9.9 | 8.1 | 12.1 |



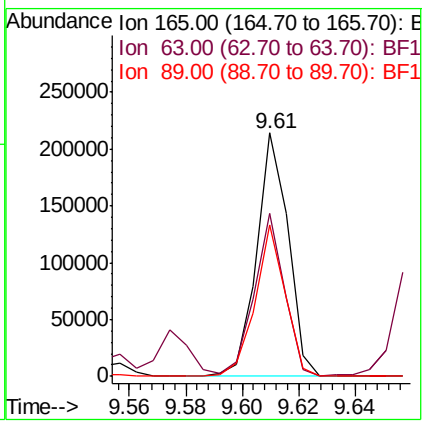


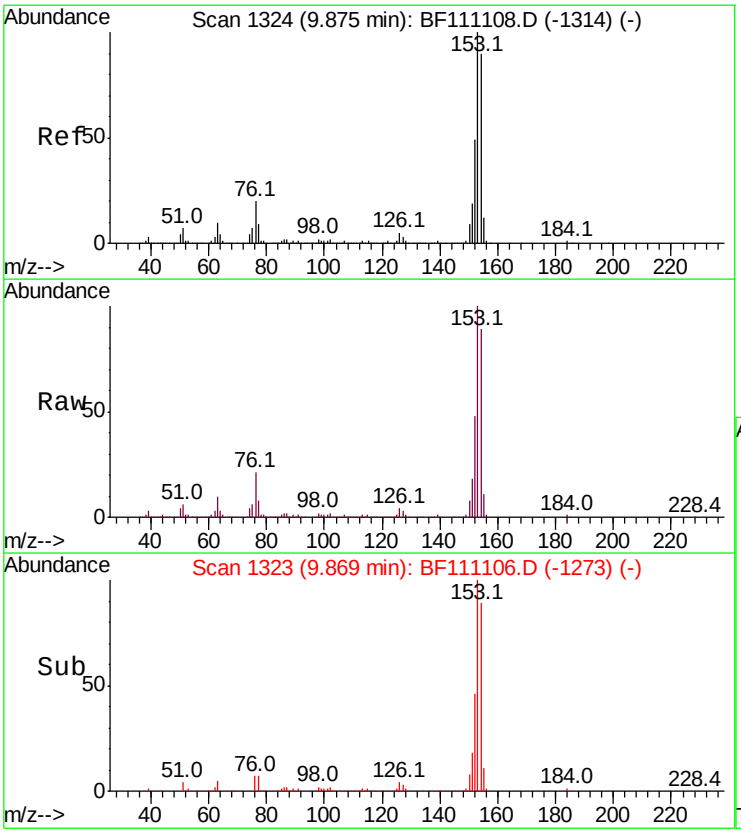

#51
2,6-Dinitrotoluene
Concen: 9.291 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:165 Resp: 165870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 66.9 | 48.9 | 73.3 |
| 89 | 62.2 | 46.6 | 69.8 |

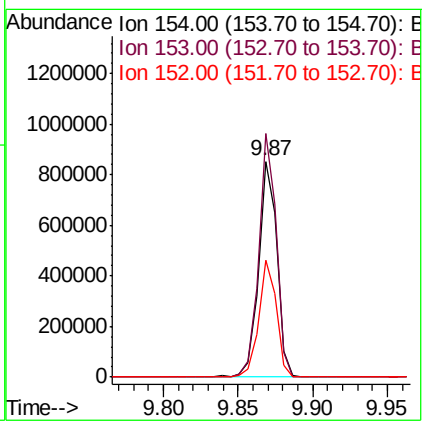


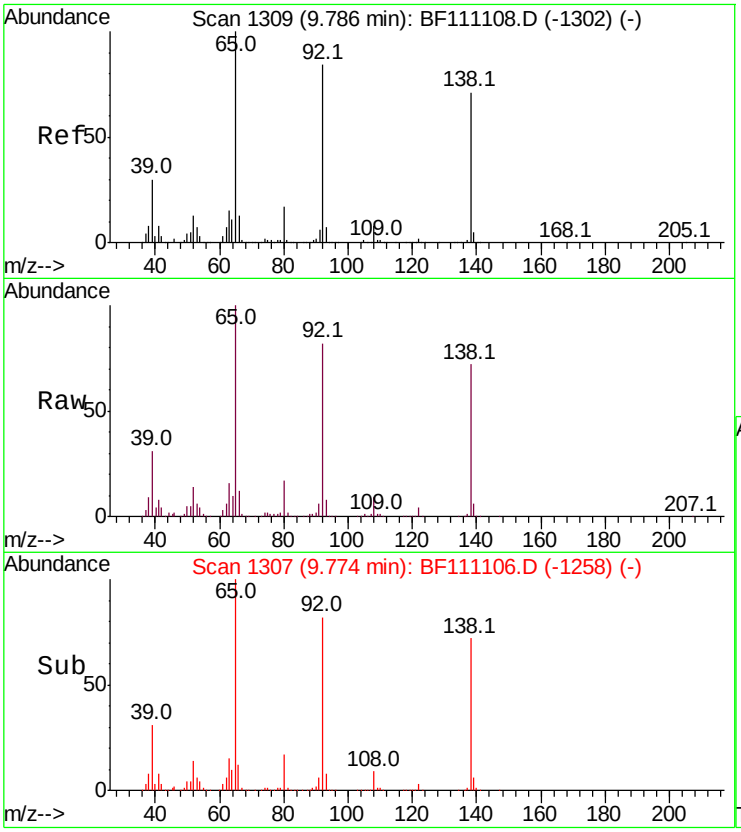




#52
Acenaphthene
Concen: 10.658 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:154 Resp: 710148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 90.1 | 135.1 |
| 152 | 53.9 | 43.4 | 65.2 |



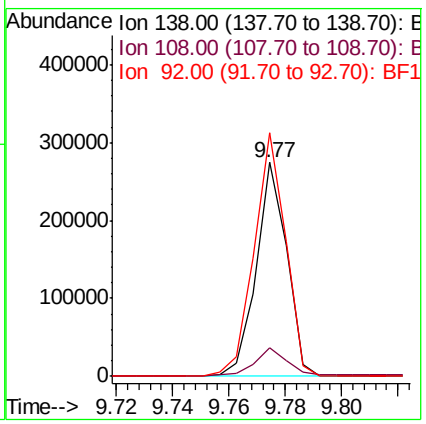


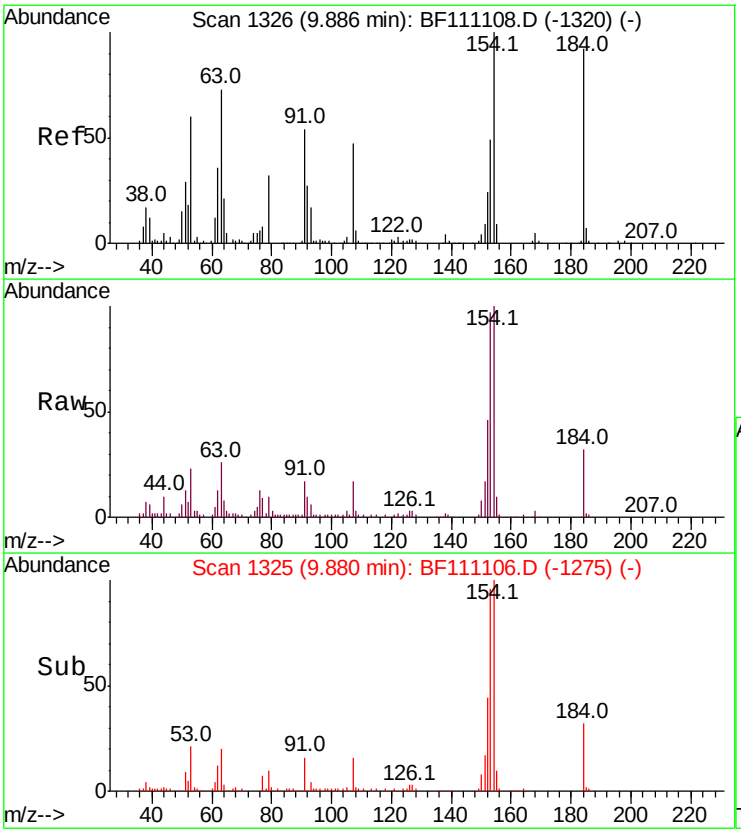

#53
3-Nitroaniline
Concen: 9.906 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:138 Resp: 206126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 13.1 | 8.7 | 13.1 |
| 92 | 113.8 | 97.0 | 145.4 |

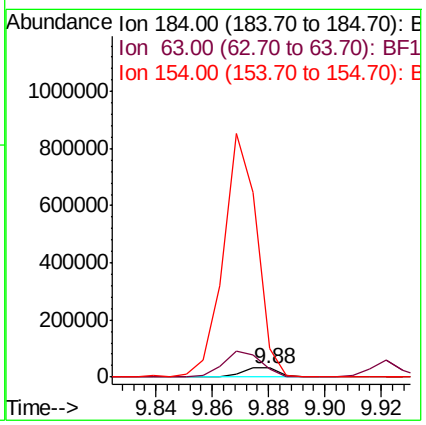


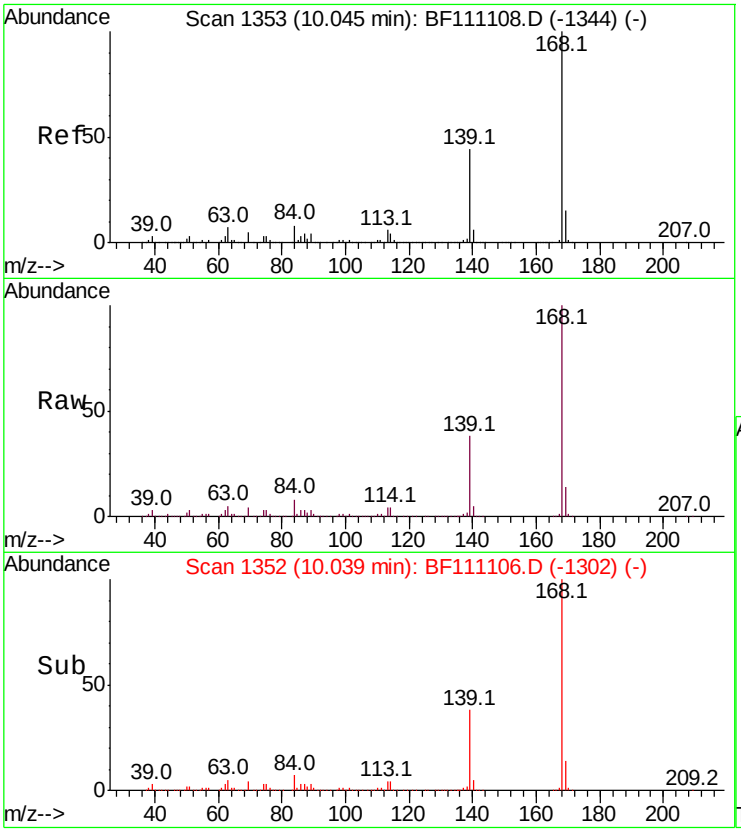




#54
2,4-Dinitrophenol
Concen: 5.064 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:184 Resp: 28737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 80.8 | 55.8 | 83.6 |
| 154 | 315.3 | 63.2 | 94.8# |



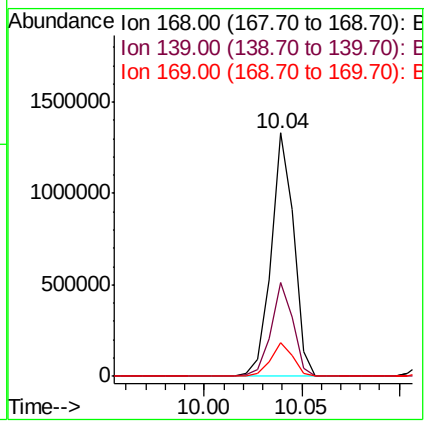


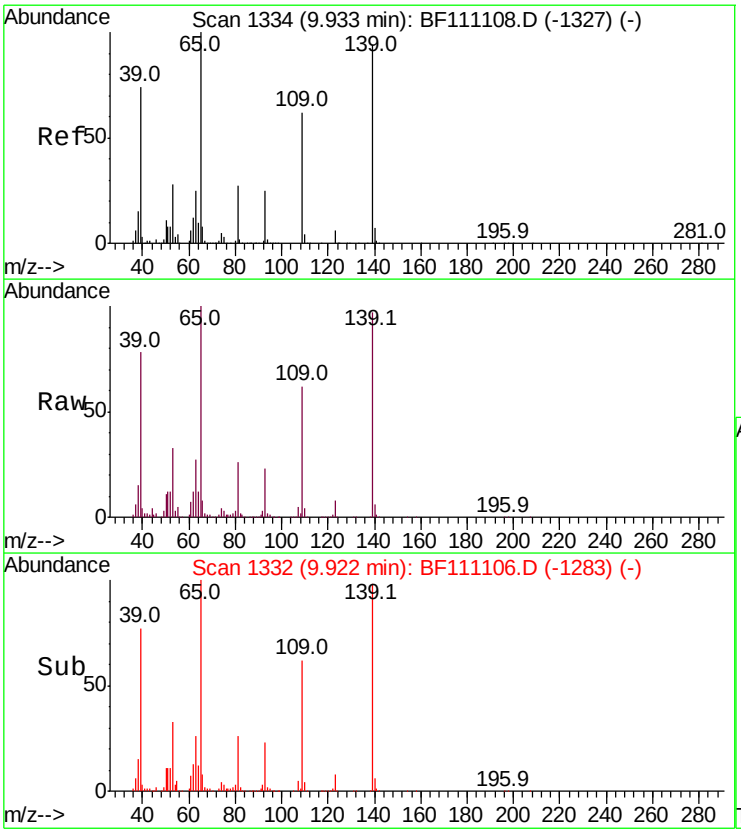

#55
Dibenzofuran
Concen: 10.969 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:168 Resp: 1066210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.4 | 33.0 | 49.6 |
| 169 | 13.9 | 11.3 | 16.9 |

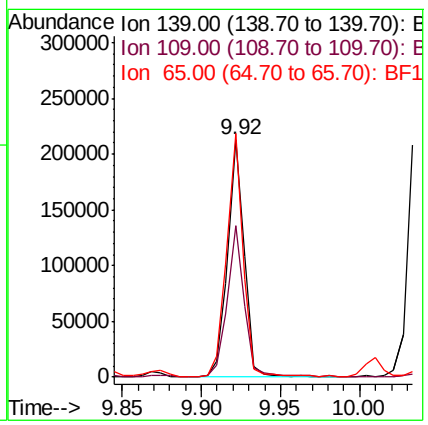


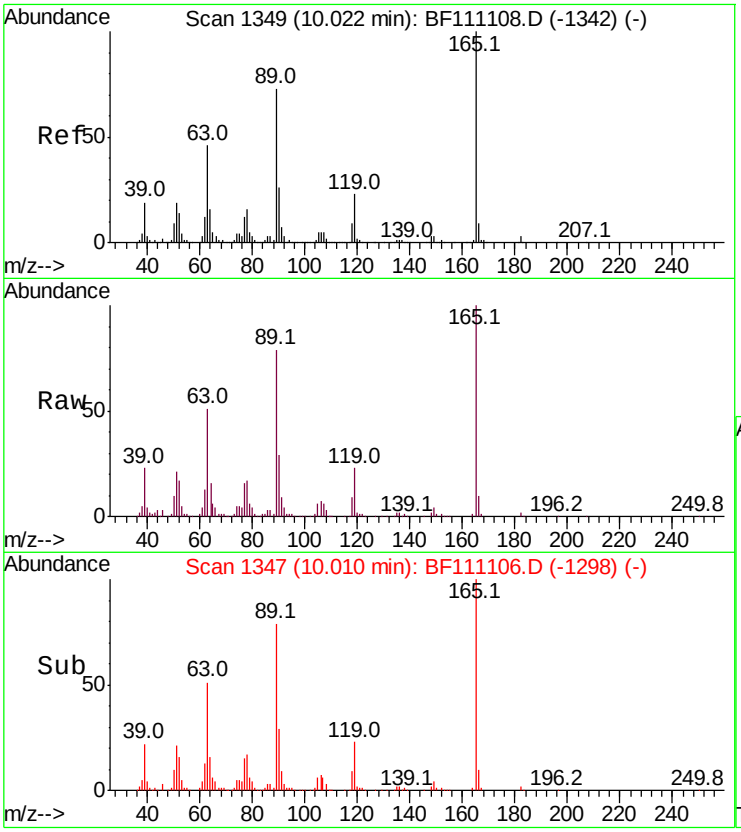




#56
4-Nitrophenol
Concen: 14.963 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:139 Resp: 155272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.7 | 55.8 | 95.8 |
| 65 | 102.6 | 77.9 | 117.9 |



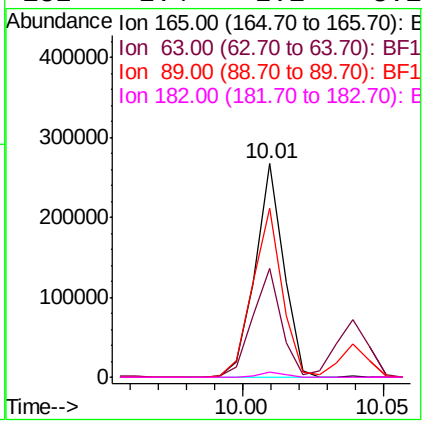


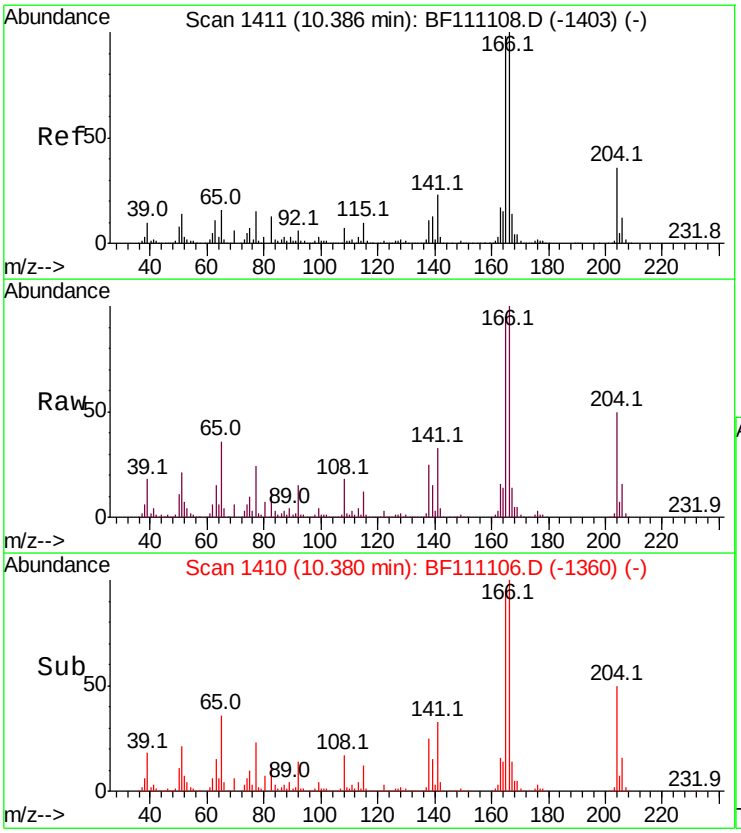

#57
2,4-Dinitrotoluene
Concen: 8.102 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:165 Resp: 187663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.2 | 44.8 | 67.2 |
| 89 | 79.1 | 62.2 | 93.4 |
| 182 | 2.4 | 2.1 | 3.1 |

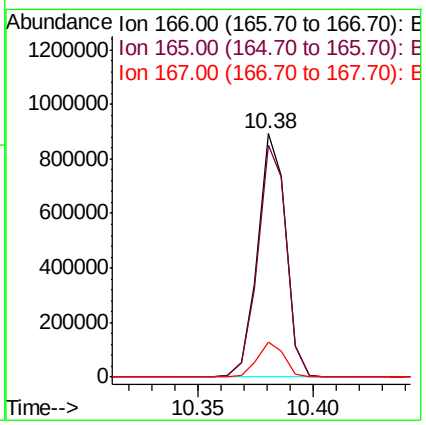


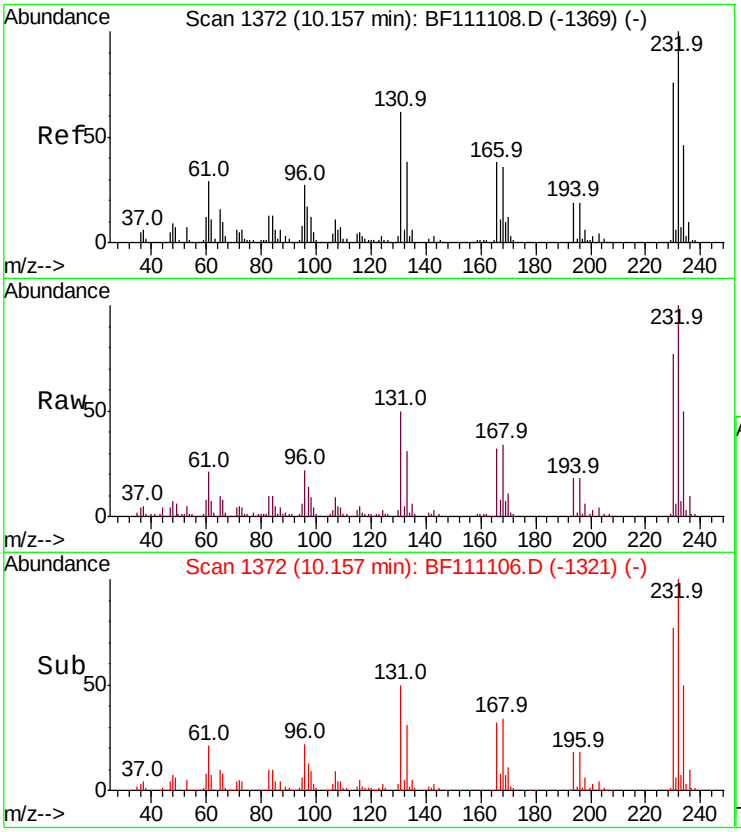




#58
Fluorene
Concen: 10.037 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:166 Resp: 759064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.1 | 78.6 | 117.8 |
| 167 | 14.2 | 10.8 | 16.2 |



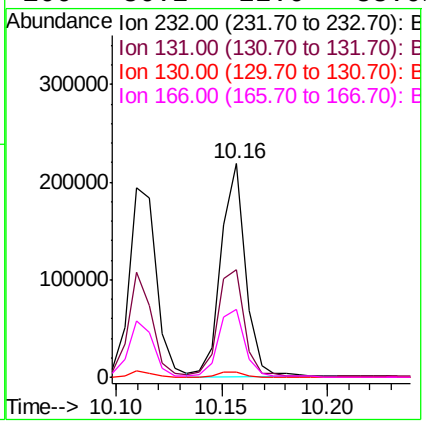


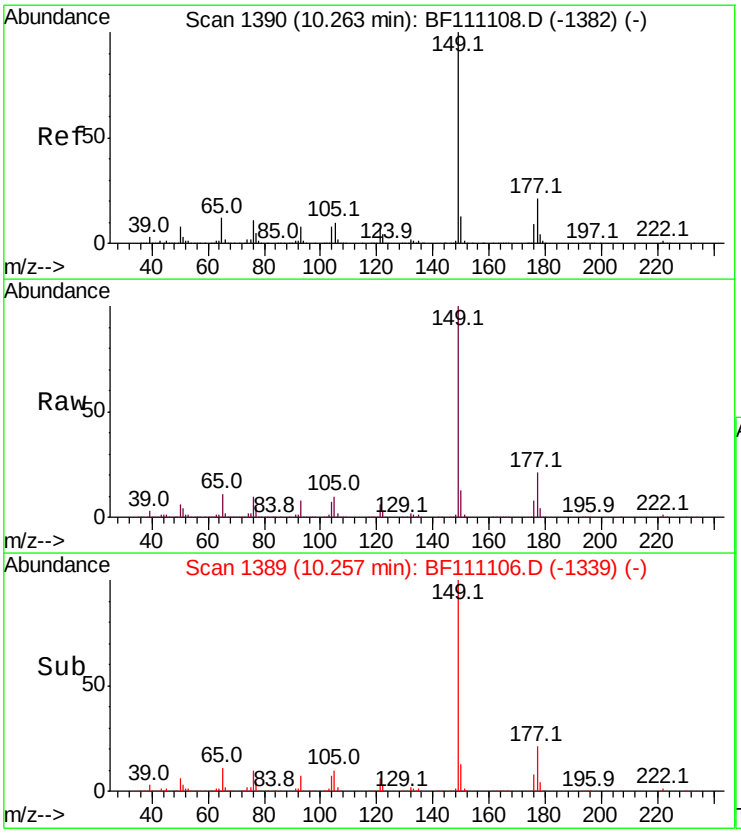

#59
2,3,4,6-Tetrachlorophenol
Concen: 9.821 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:232 Resp: 174344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 55.5 | 37.0 | 55.4# |
| 130 | 3.0 | 1.8 | 2.6# |
| 166 | 36.2 | 22.0 | 33.0# |

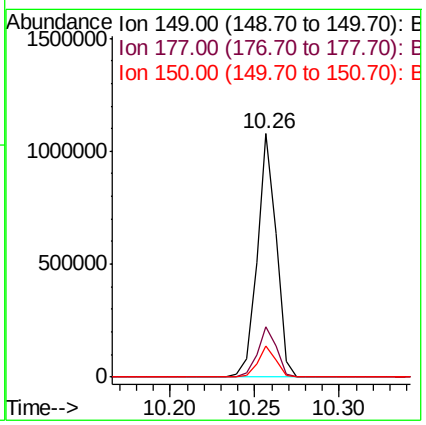


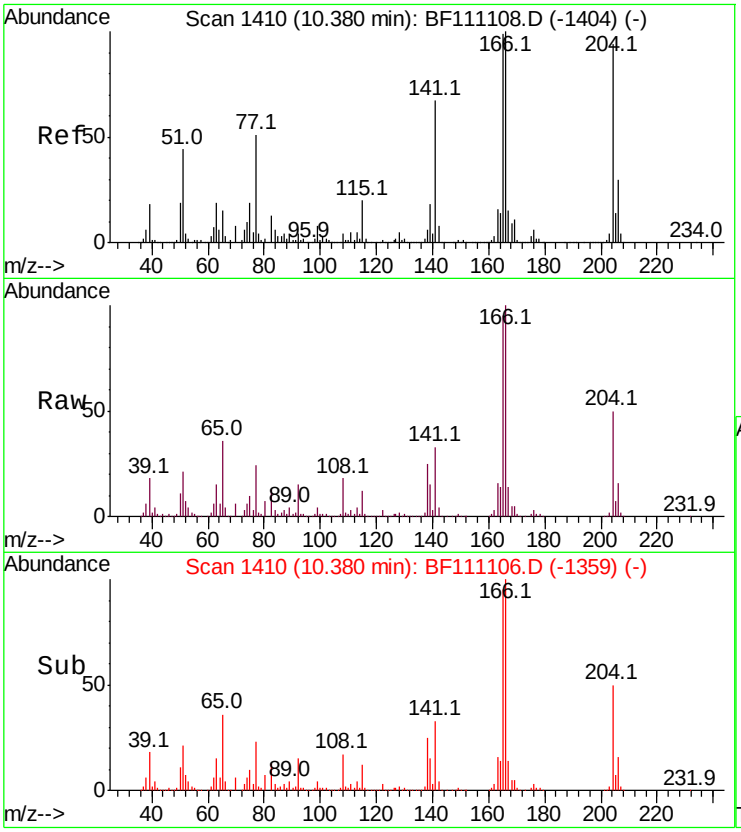




#60
Diethylphthalate
Concen: 10.225 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:149 Resp: 845572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.8 | 17.4 | 26.2 |
| 150 | 12.8 | 9.8 | 14.8 |



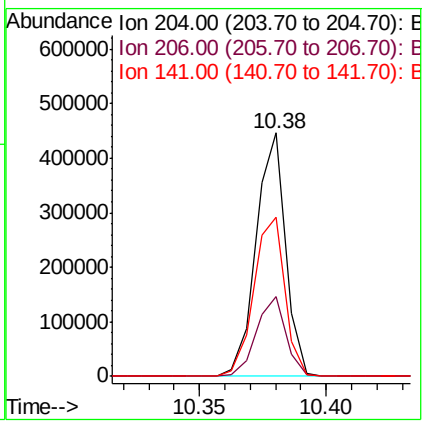


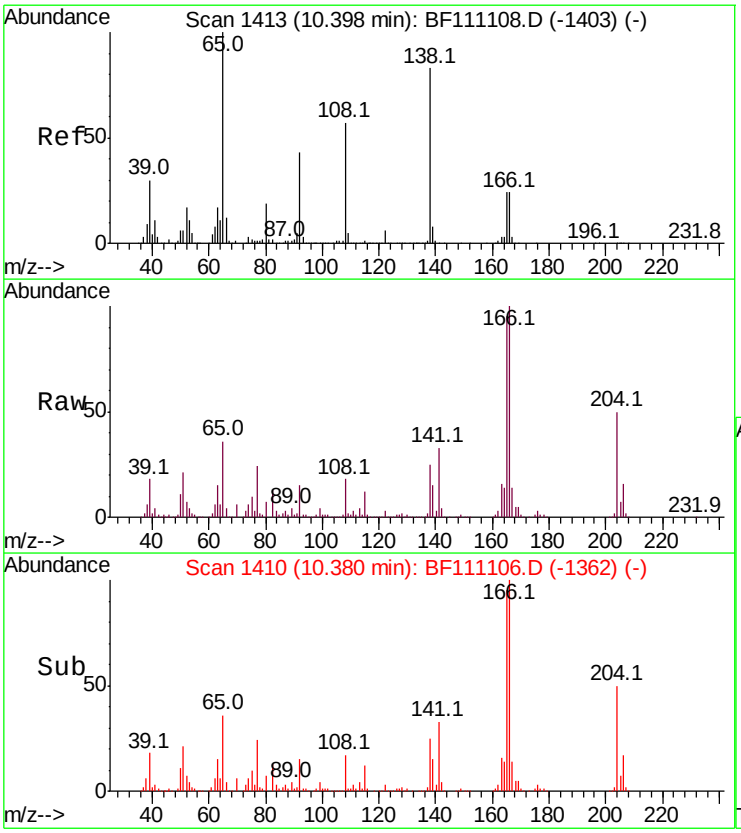

#61
4-Chlorophenyl-phenylether
Concen: 9.129 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:204 Resp: 361133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.5 | 39.7 |
| 141 | 65.2 | 51.8 | 77.8 |

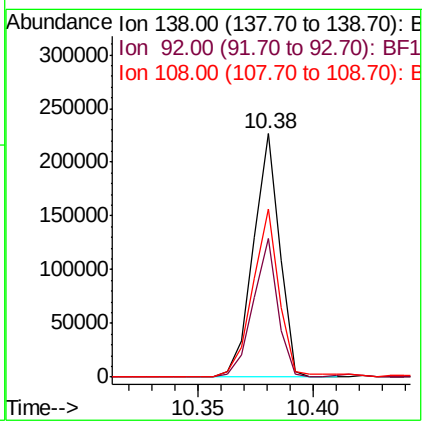


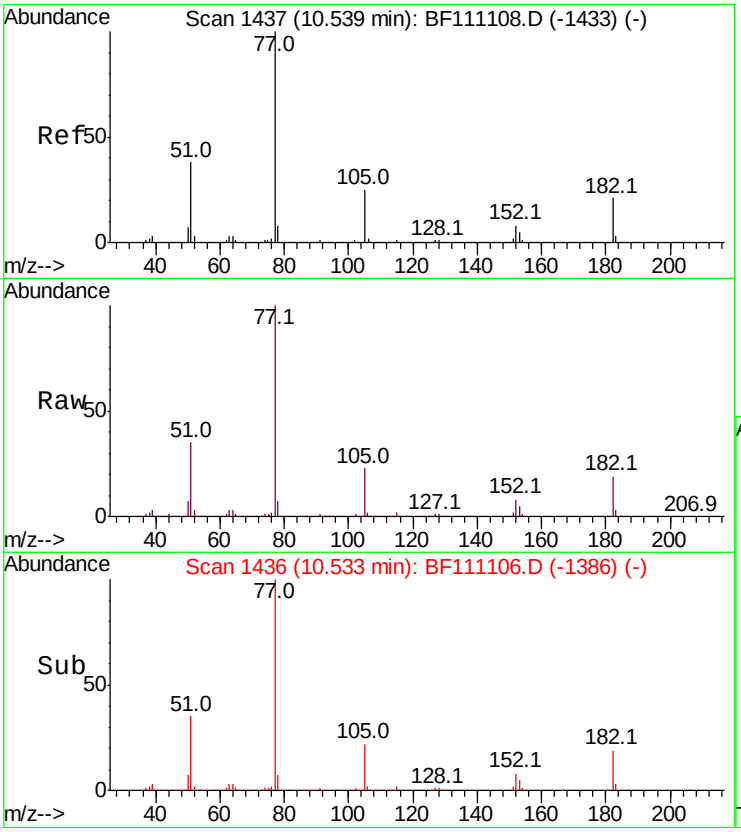




#62
4-Nitroaniline
Concen: 9.322 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:138 Resp: 180600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 57.2 | 31.7 | 71.7 |
| 108 | 68.9 | 59.3 | 99.3 |



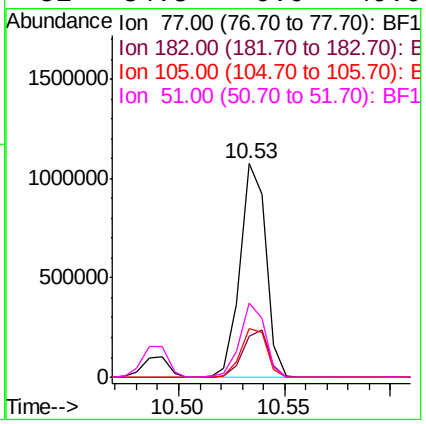


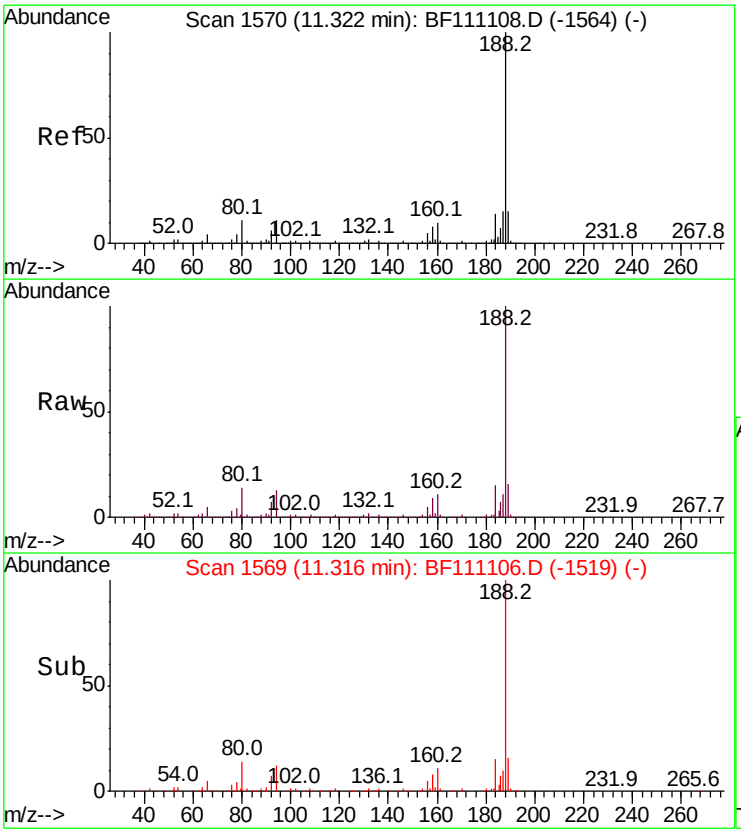

#63
Azobenzene
Concen: 11.311 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion: 77 Resp: 911709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 19.0 | 4.3 | 44.3 |
| 105 | 22.6 | 1.3 | 41.3 |
| 51 | 34.8 | 9.0 | 49.0 |

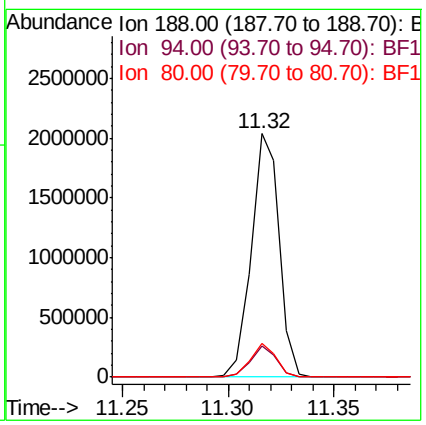


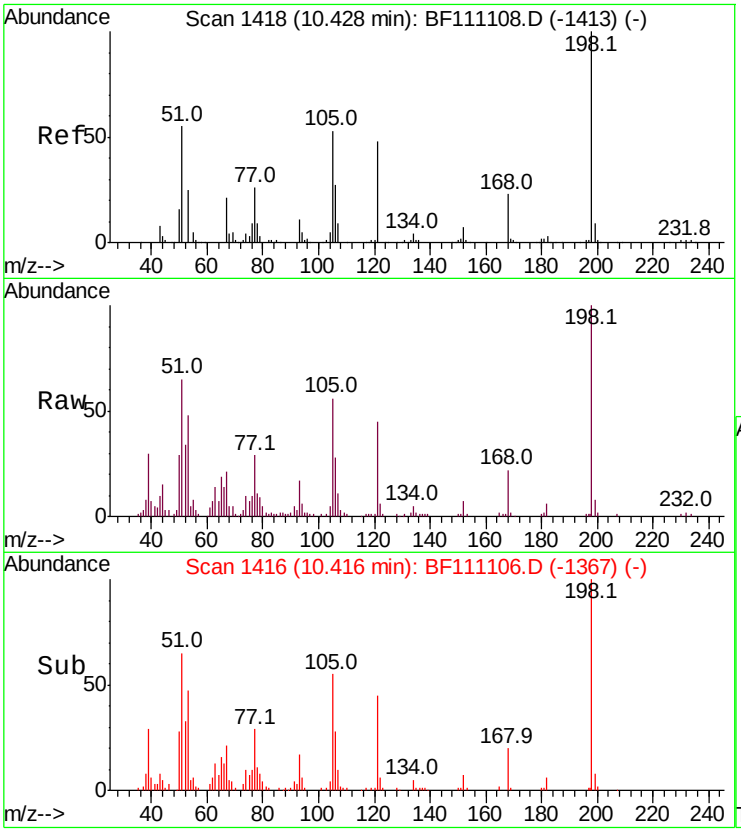




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:188 Resp: 1868619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.7 | 7.2 | 10.8# |
| 80 | 13.8 | 7.9 | 11.9# |



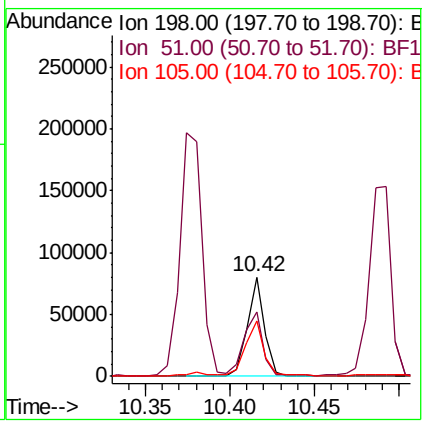


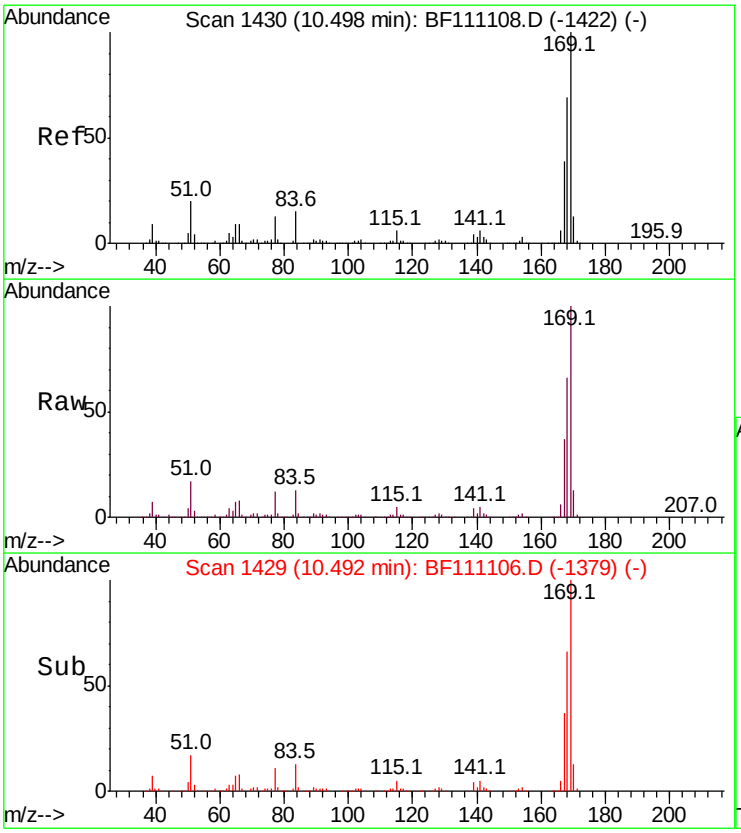

#65
4,6-Dinitro-2-methylphenol
Concen: 6.464 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:198 Resp: 57137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 65.2 | 22.8 | 62.8# |
| 105 | 55.6 | 23.6 | 63.6 |

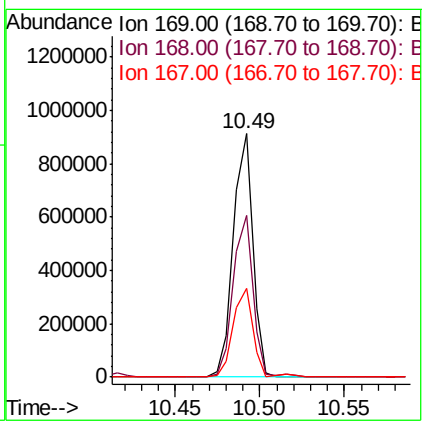


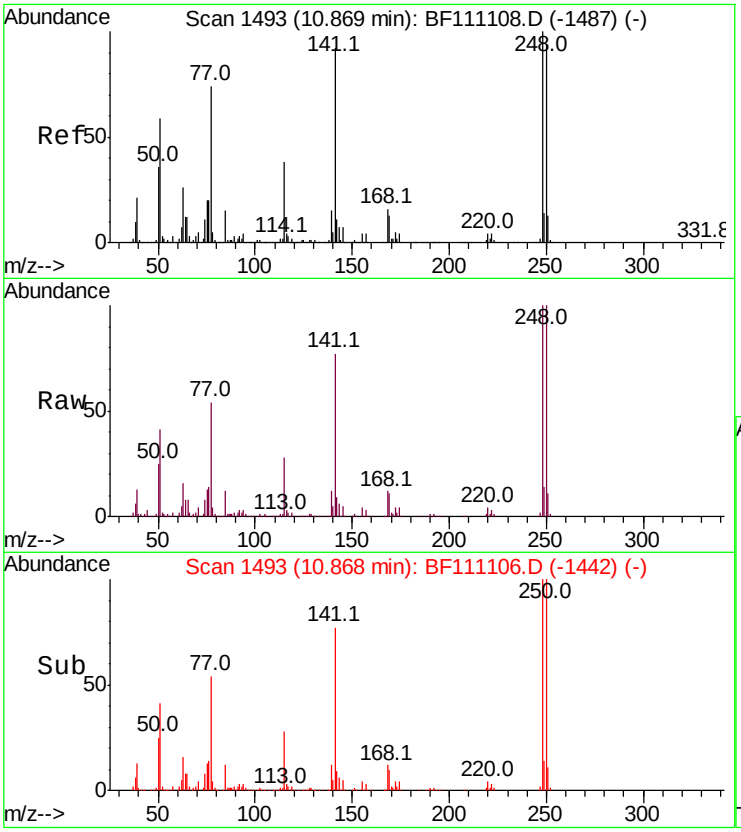




#66
n-Nitrosodiphenylamine
Concen: 11.746 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:169 Resp: 730665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.4 | 51.2 | 76.8 |
| 167 | 36.7 | 27.8 | 41.6 |



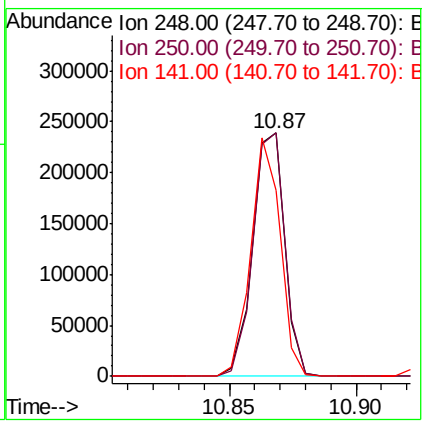


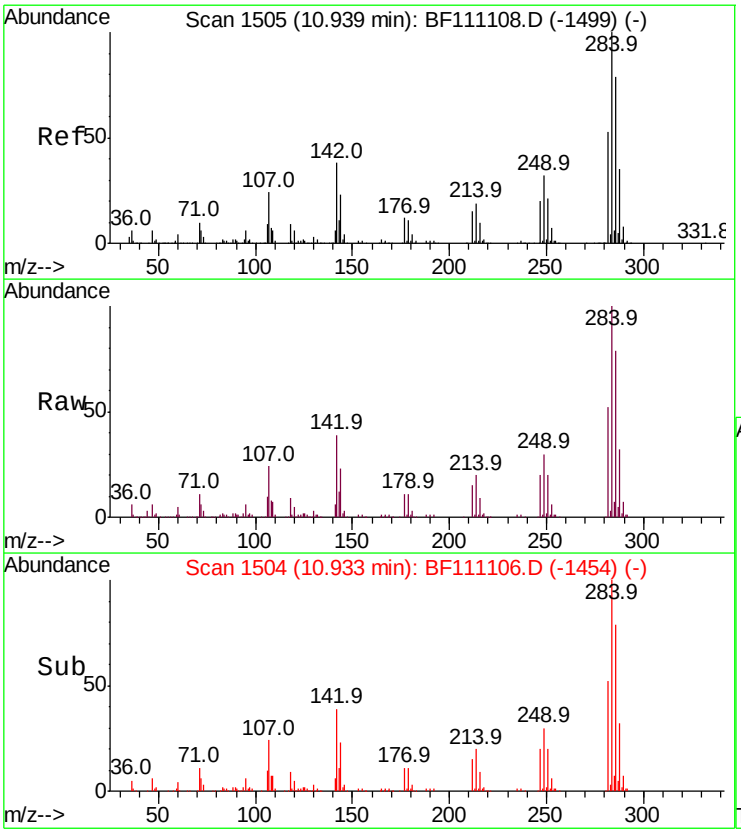

#67
4-Bromophenyl-phenylether
Concen: 10.365 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:248 Resp: 210930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.8 | 79.4 | 119.2 |
| 141 | 76.6 | 55.9 | 83.9 |

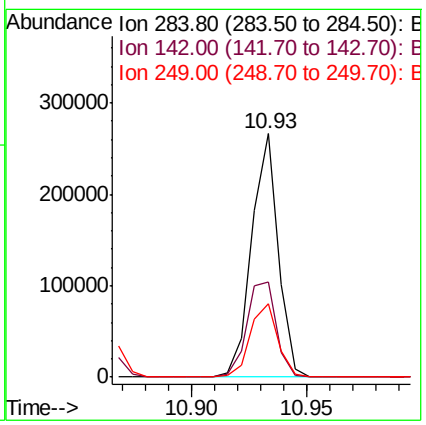


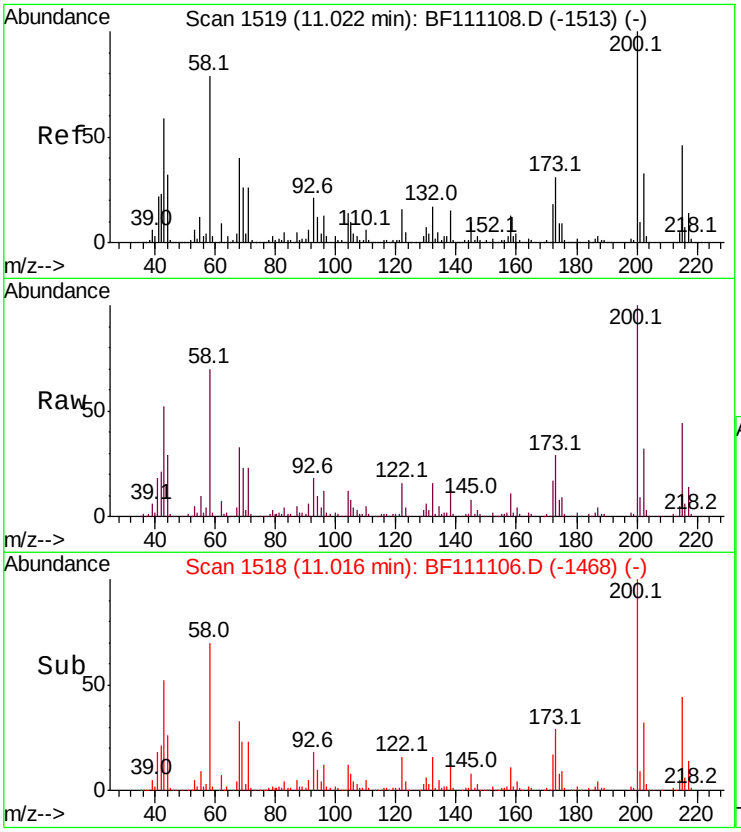




#68
Hexachlorobenzene
Concen: 9.908 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:284 Resp: 214775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 39.2 | 23.9 | 35.9# |
| 249 | 30.1 | 24.2 | 36.2 |



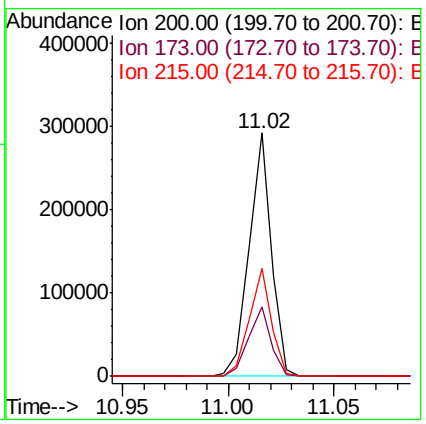


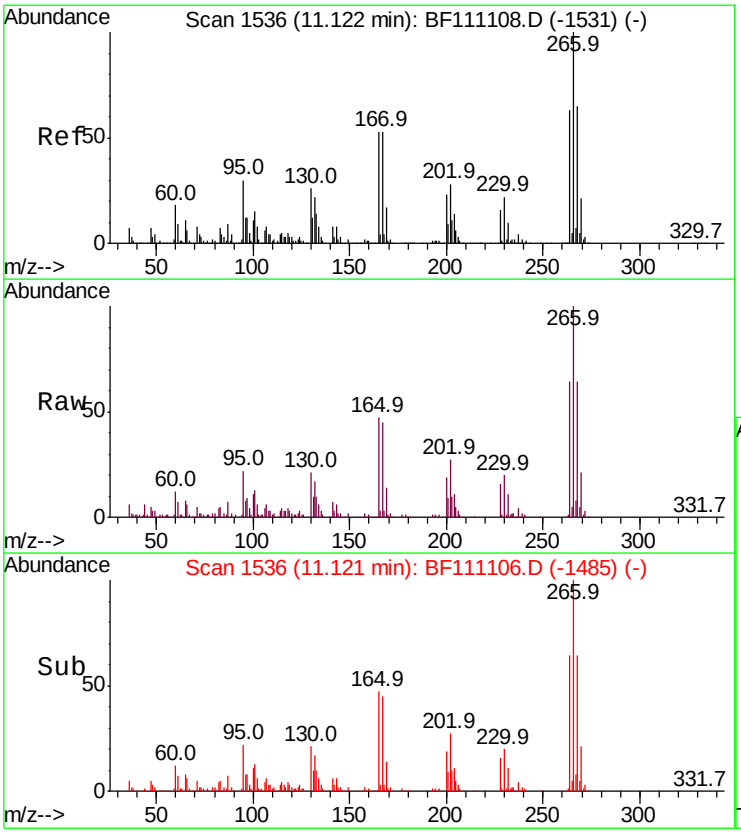

#69
Atrazine
Concen: 13.394 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:200 Resp: 214410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.7 | 6.6 | 46.6 |
| 215 | 44.3 | 26.3 | 66.3 |

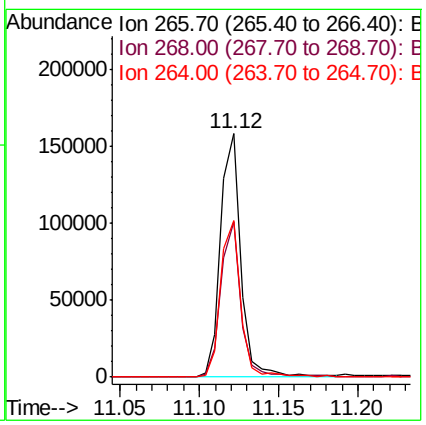


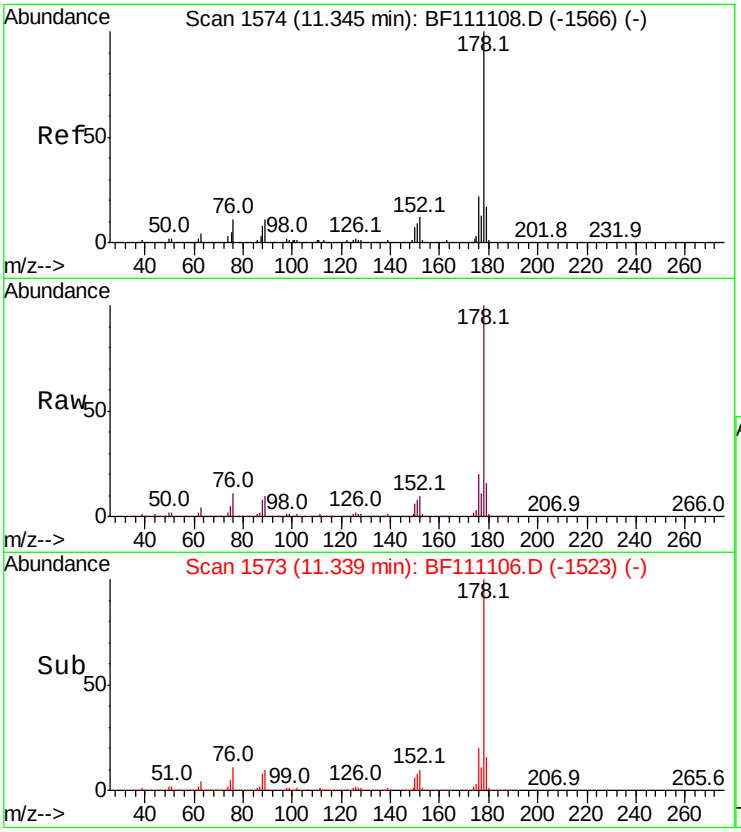




#70
Pentachlorophenol
Concen: 16.428 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:266 Resp: 141673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.0 | 50.6 | 75.8 |
| 264 | 64.1 | 50.6 | 75.8 |



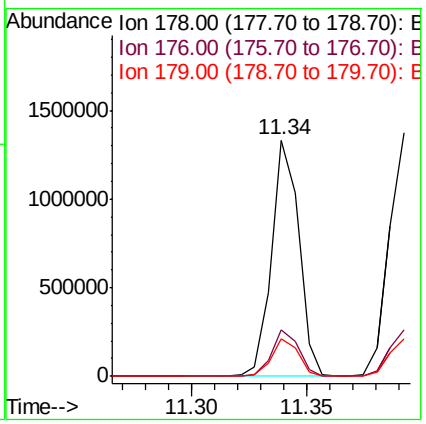


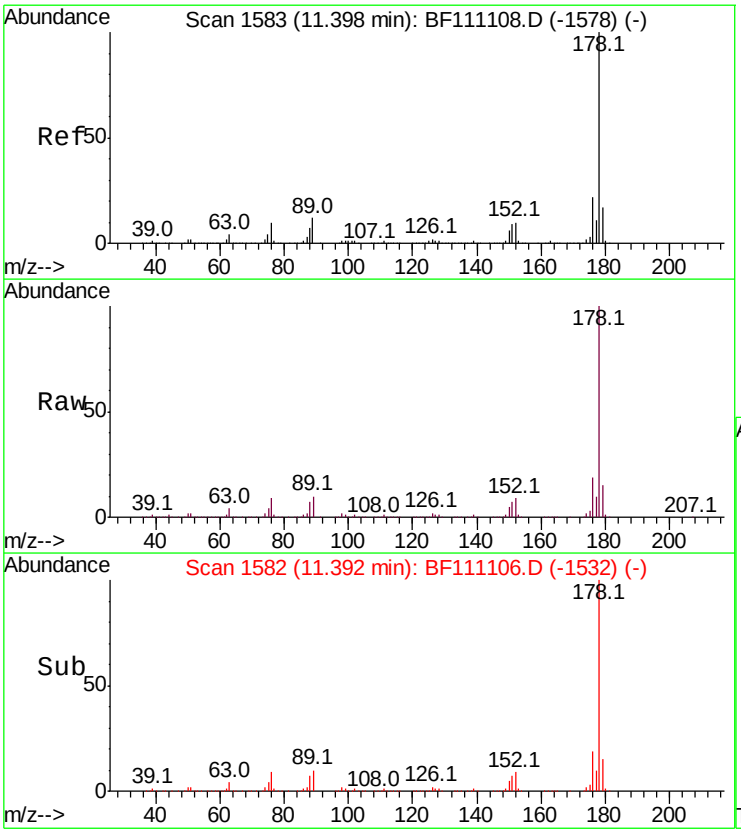

#71
Phenanthrene
Concen: 11.024 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:178 Resp: 1091011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.5 | 23.3 |
| 179 | 15.6 | 12.5 | 18.7 |

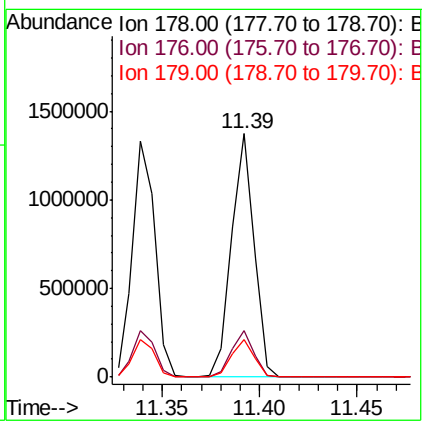


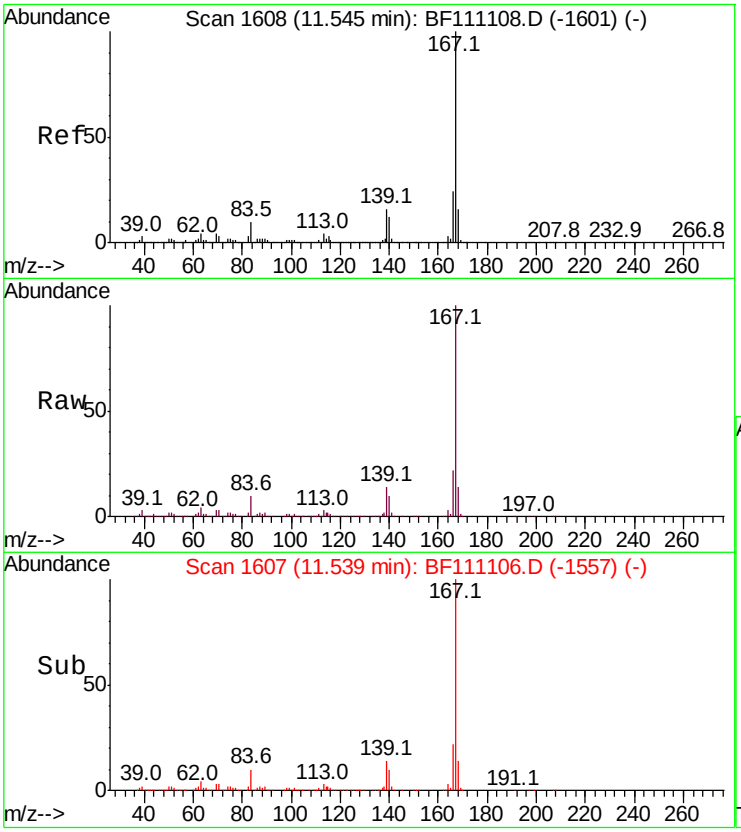




#72
Anthracene
Concen: 10.947 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:178 Resp: 1103348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.4 | 23.2 |
| 179 | 15.4 | 12.6 | 18.8 |



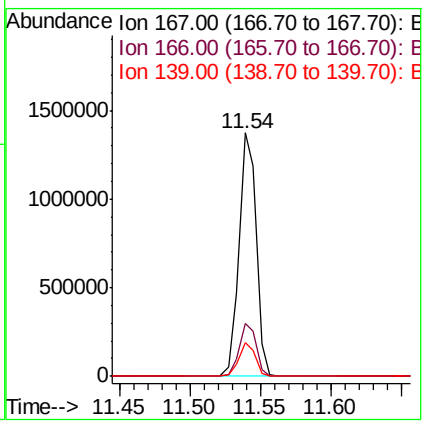


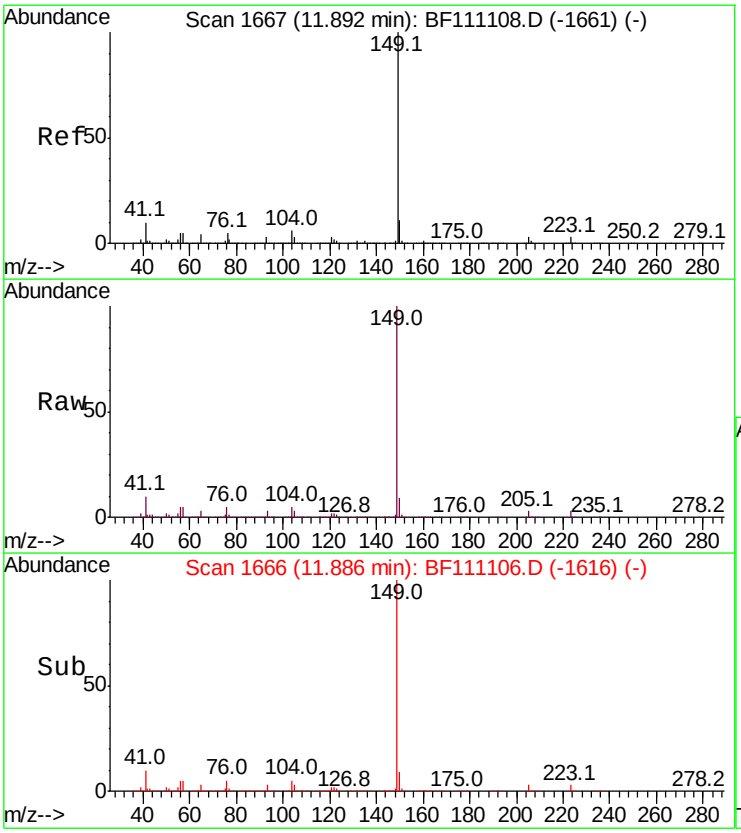

#73
Carbazole
Concen: 11.815 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:167 Resp: 1155801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.8 | 17.4 | 26.0 |
| 139 | 13.8 | 10.9 | 16.3 |

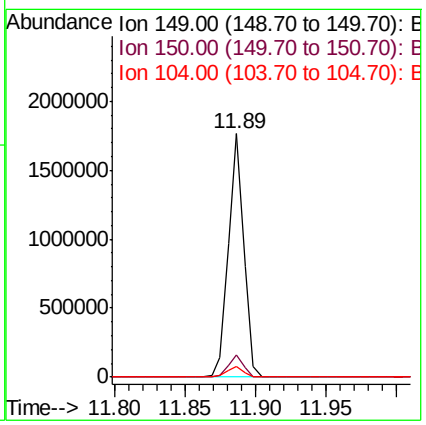


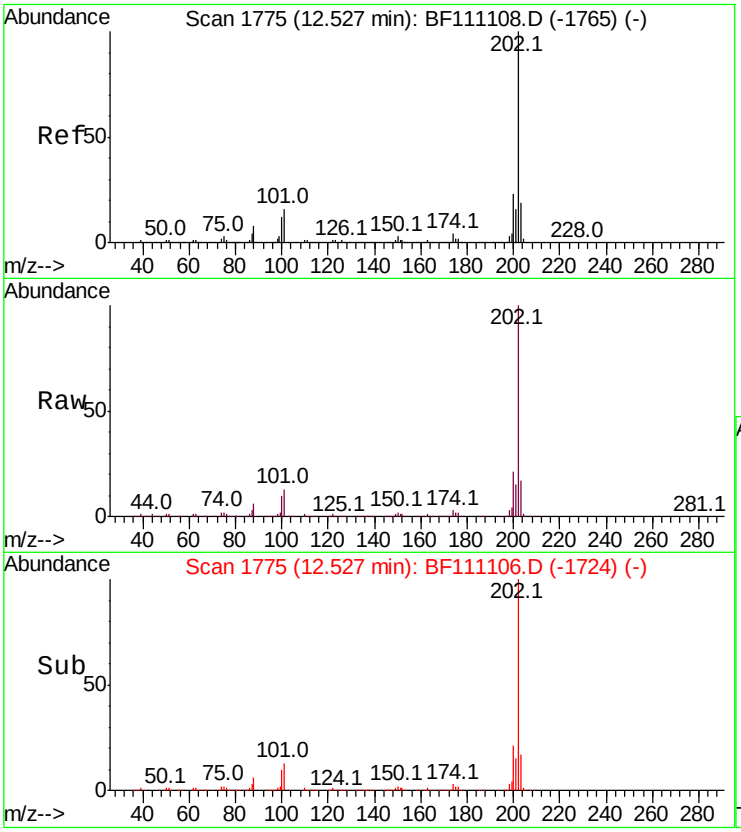




#74
Di-n-butylphthalate
Concen: 11.641 ng
RT: 11.89 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:149 Resp: 1331533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.7 | 11.5 |
| 104 | 4.6 | 4.2 | 6.4 |



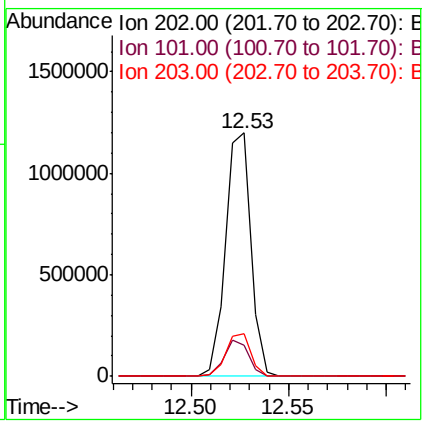


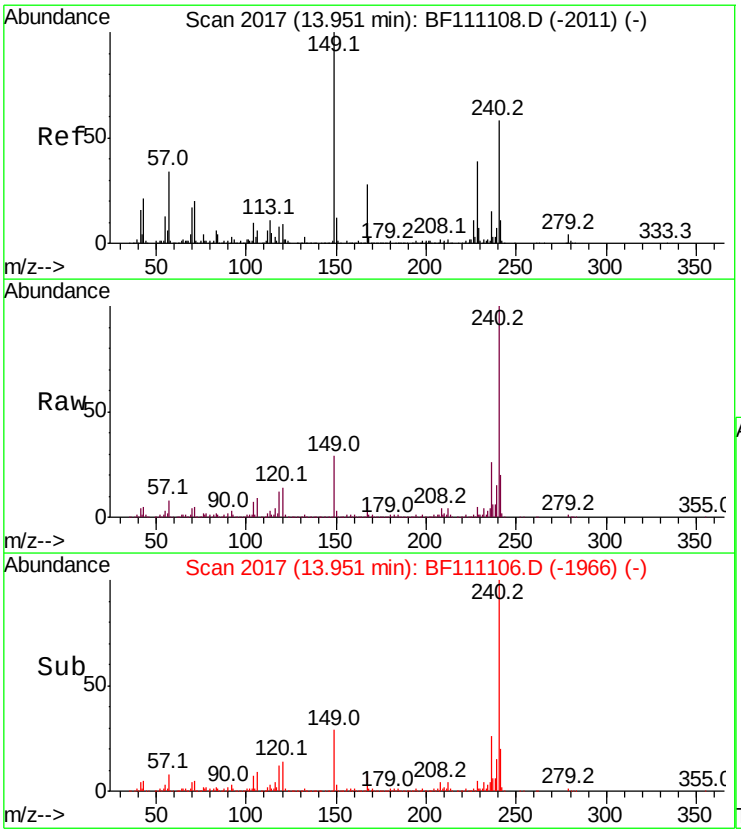

#75
Fluoranthene
Concen: 10.578 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:202 Resp: 1075996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.7 | 0.0 | 31.4 |
| 203 | 17.5 | 0.0 | 37.7 |

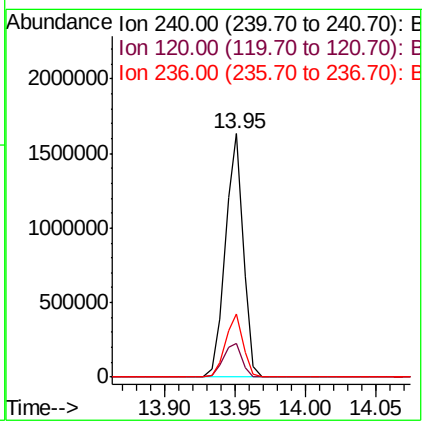


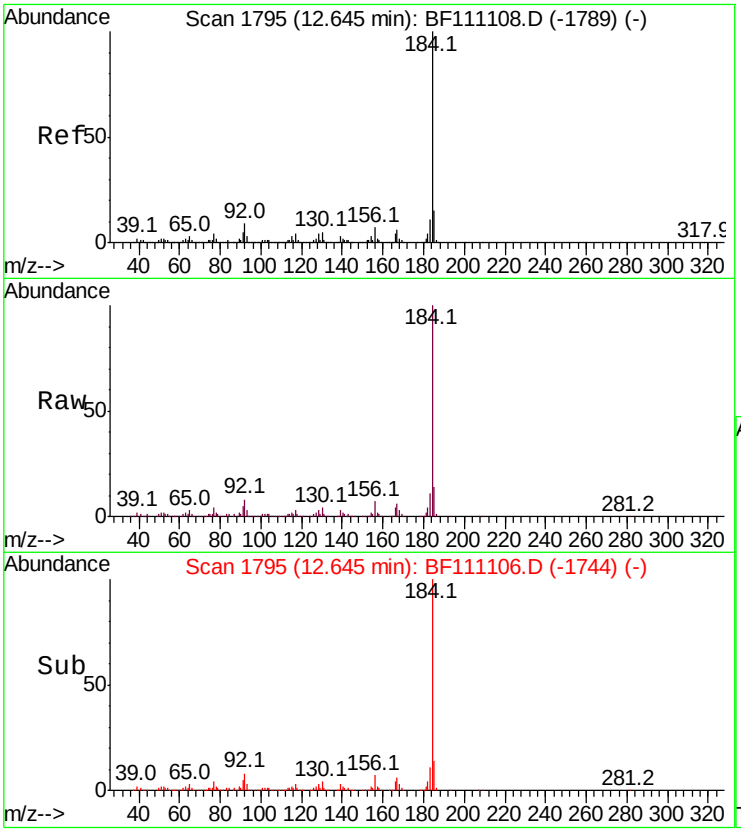




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:240 Resp: 1429152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.9 | 8.3 | 12.5# |
| 236 | 25.7 | 21.2 | 31.8 |



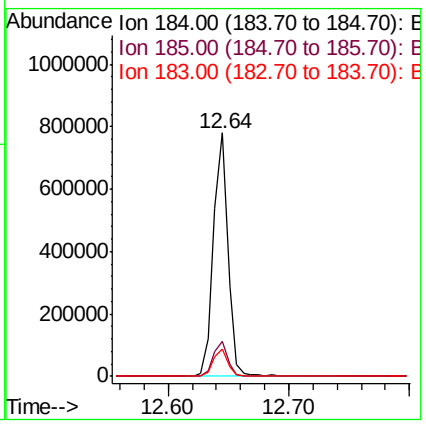


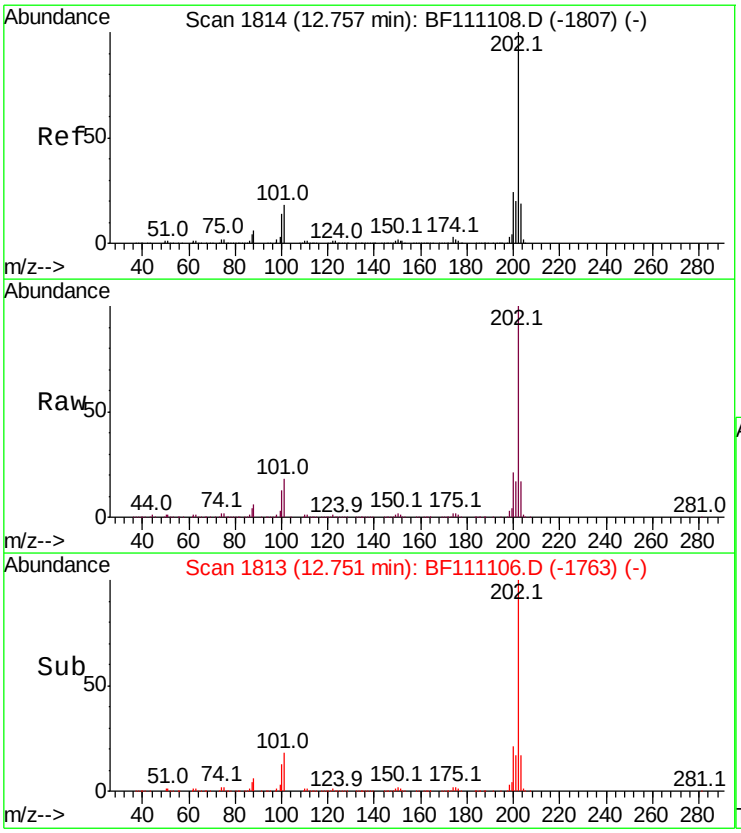

#77
Benzidine
Concen: 17.501 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:184 Resp: 639739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.5 | 13.4 | 20.2 |
| 183 | 11.4 | 9.4 | 14.2 |

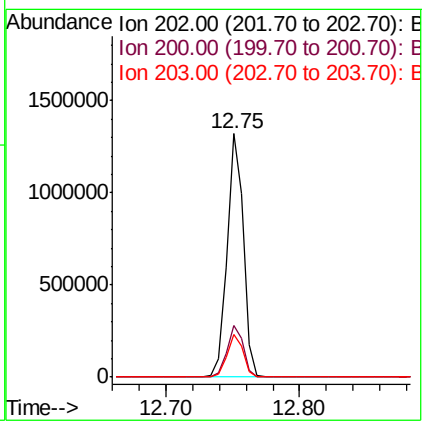


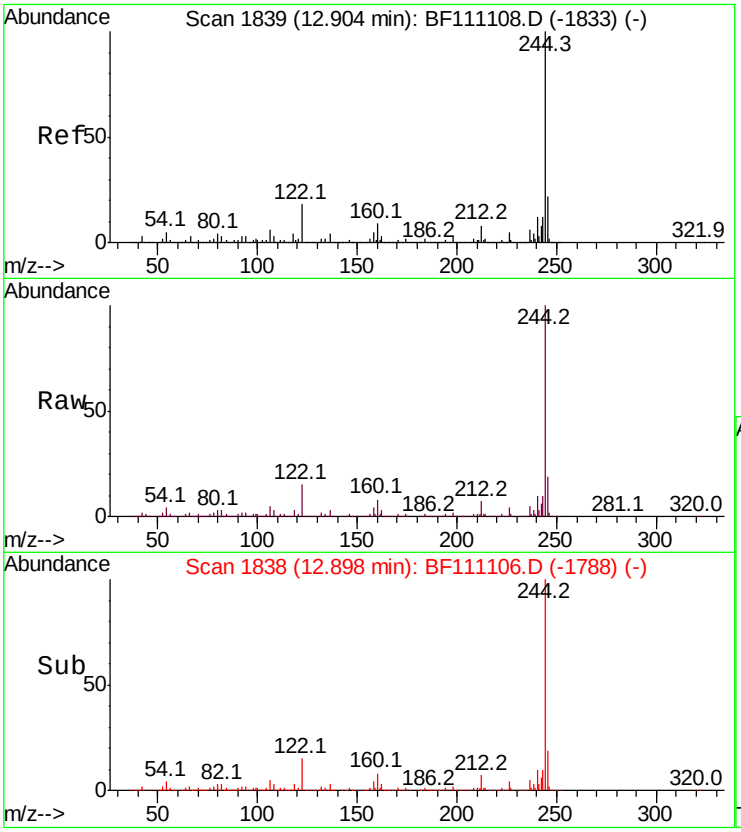




#78
Pyrene
Concen: 10.854 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:202 Resp: 1132982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.8 | 26.6 |
| 203 | 17.4 | 14.2 | 21.4 |



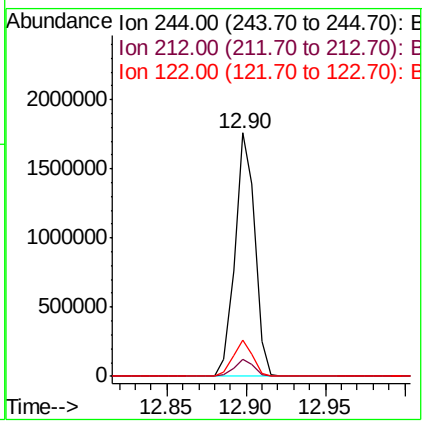


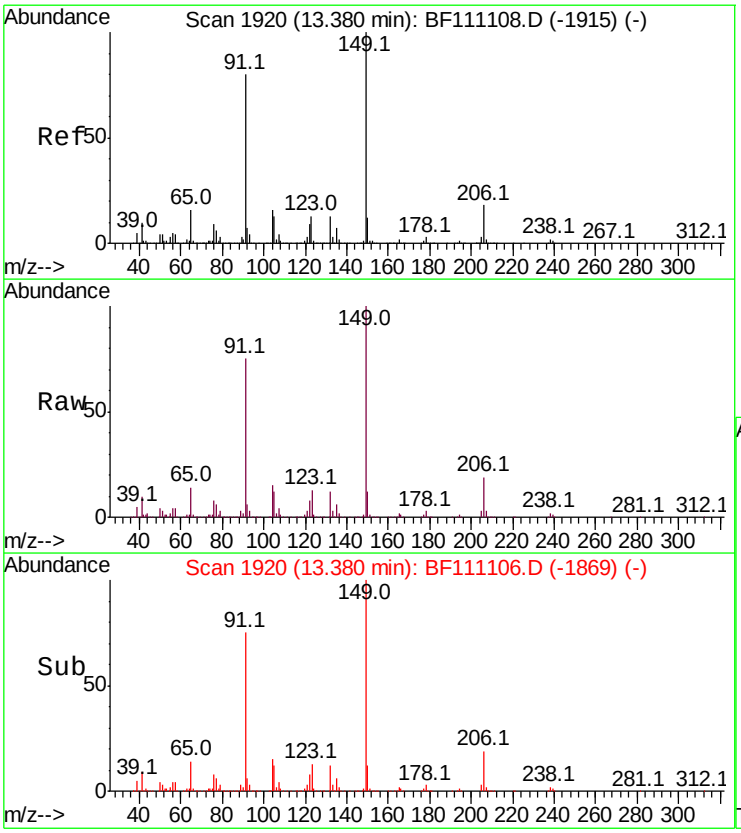

#79
Terphenyl-d14
Concen: 20.753 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:244 Resp: 1523605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.8 | 8.8 |
| 122 | 15.0 | 8.7 | 13.1# |

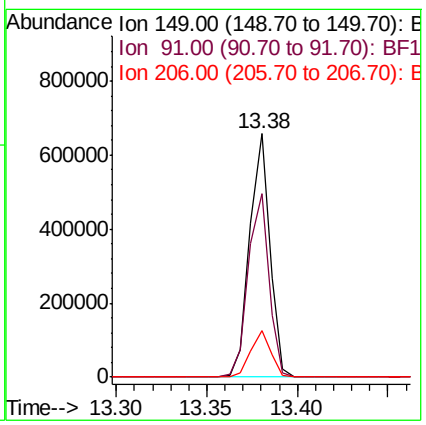


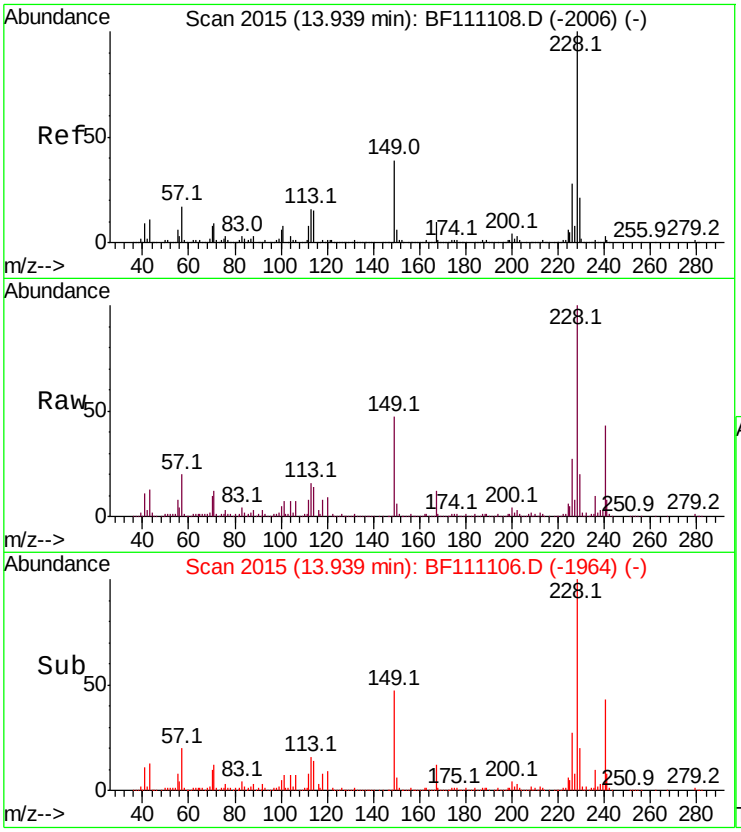




#80
Butylbenzylphthalate
Concen: 10.819 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:149 Resp: 509843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 75.2 | 57.2 | 85.8 |
| 206 | 19.0 | 15.7 | 23.5 |



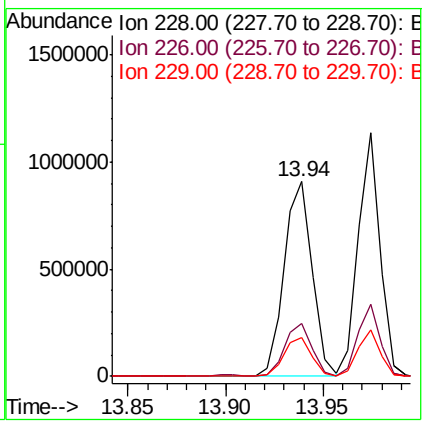


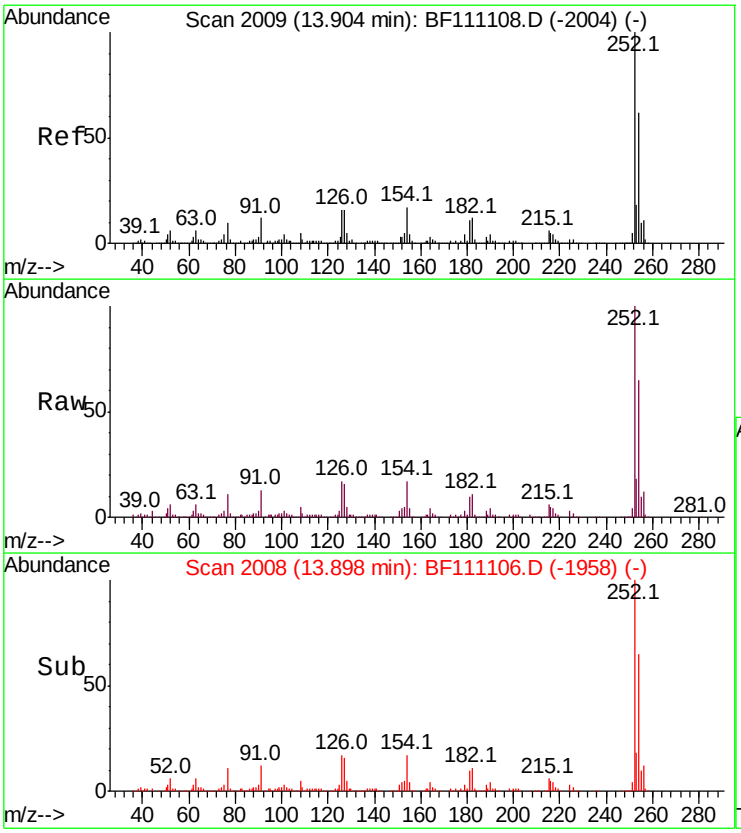

#81
Benzo(a)anthracene
Concen: 10.677 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:228 Resp: 900881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 22.1 | 33.1 |
| 229 | 19.7 | 15.6 | 23.4 |

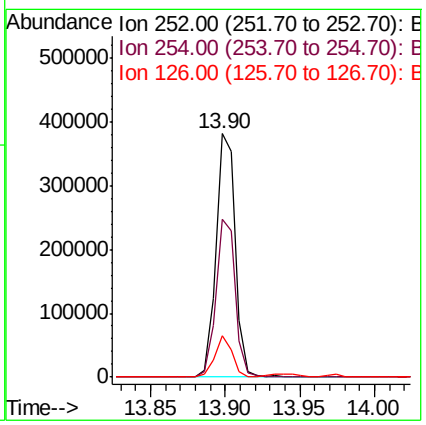


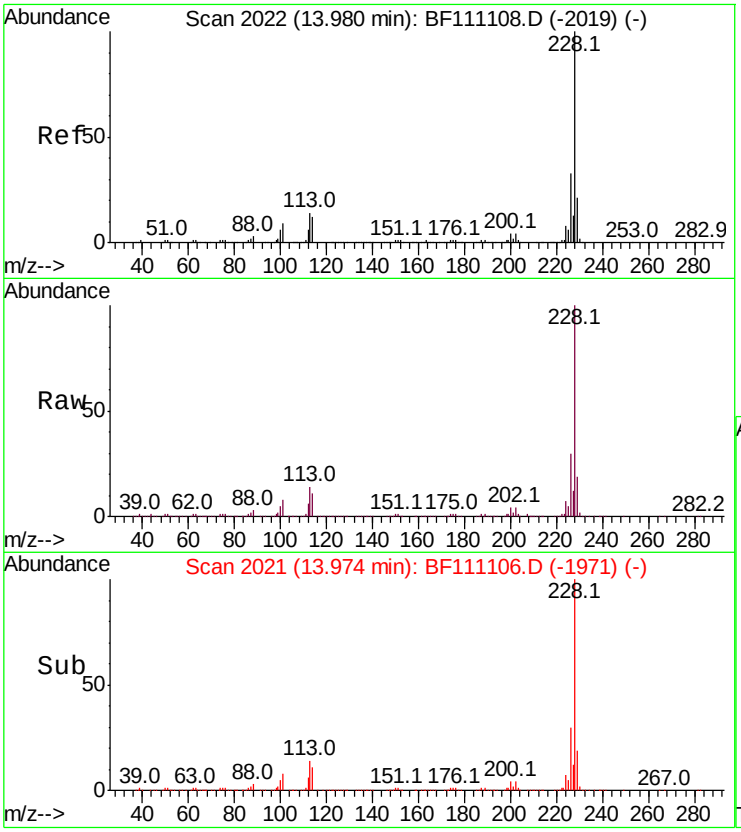




#82
3,3'-Dichlorobenzidine
Concen: 11.900 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:252 Resp: 344287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.9 | 51.3 | 76.9 |
| 126 | 17.2 | 9.4 | 14.2# |



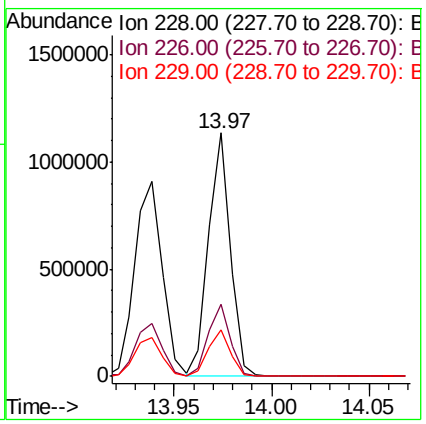


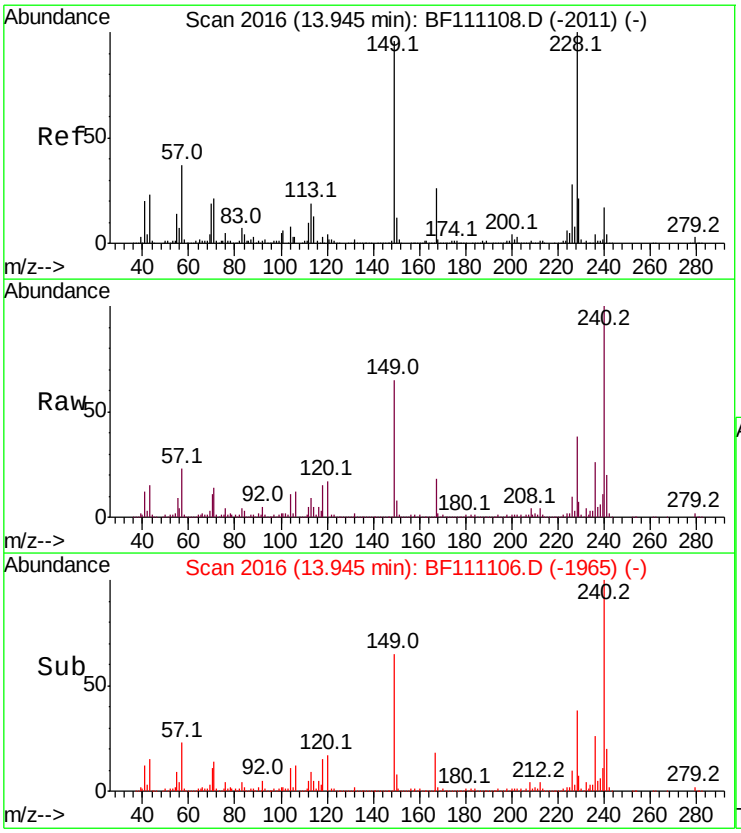

#83
Chrysene
Concen: 10.624 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:228 Resp: 882426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 24.7 | 37.1 |
| 229 | 19.2 | 15.9 | 23.9 |

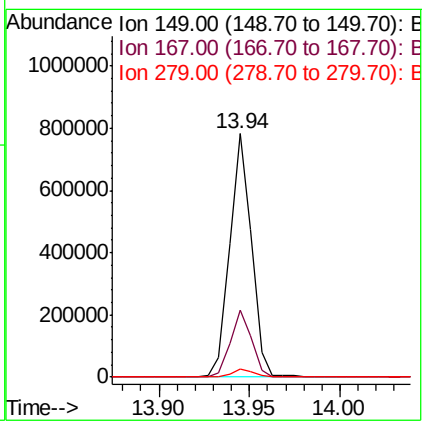


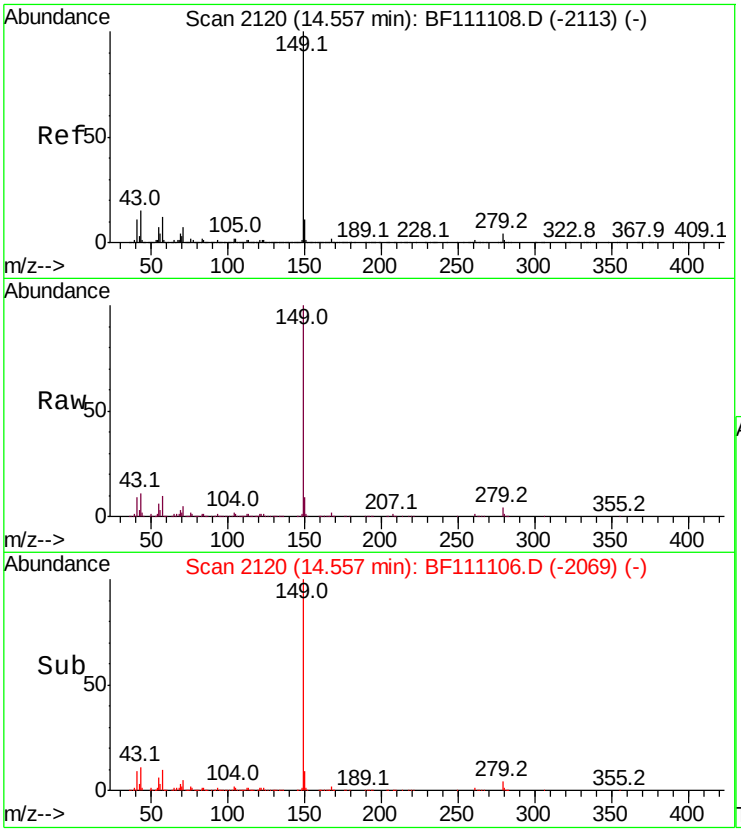




#84
Bis(2-ethylhexyl)phthalate
Concen: 10.398 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:149 Resp: 652957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.6 | 19.8 | 29.8 |
| 279 | 3.2 | 2.7 | 4.1 |



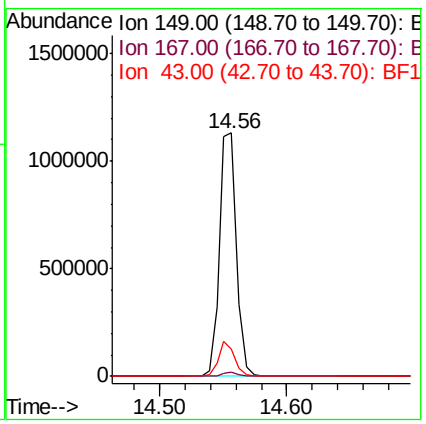


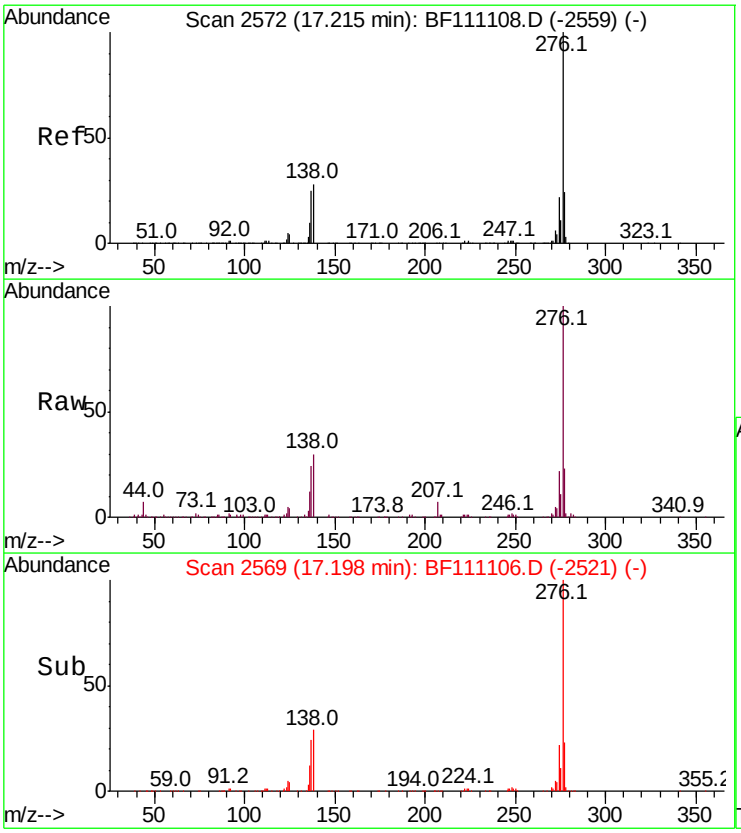

#85
Di-n-octyl phthalate
Concen: 10.707 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:149 Resp: 1061299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.1 | 1.7 |
| 43 | 13.4 | 7.8 | 11.8# |

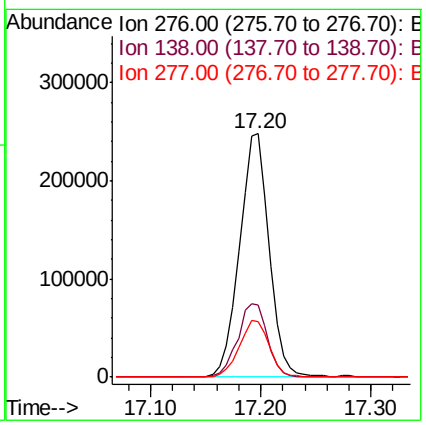


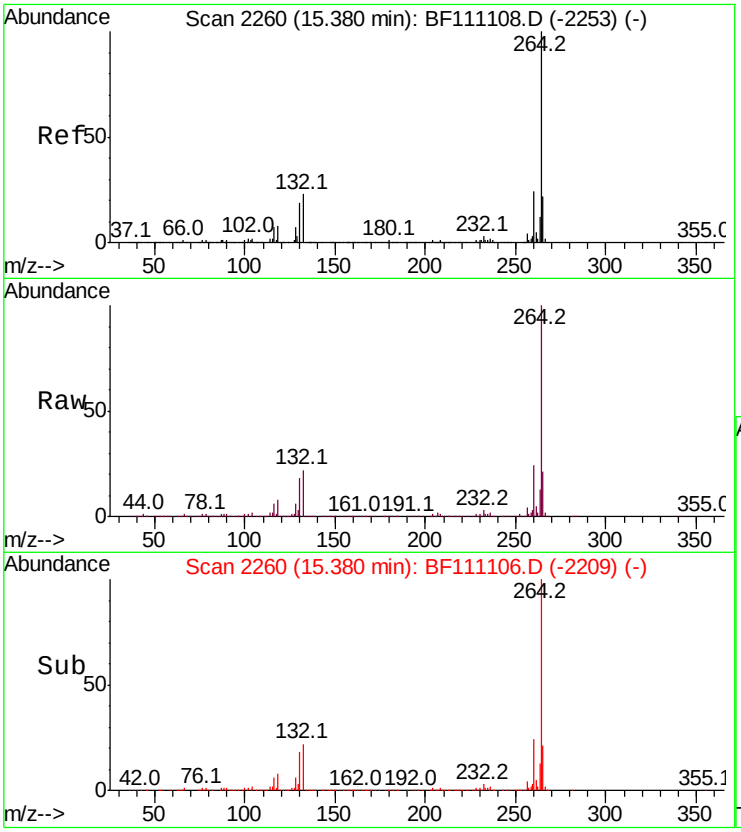




#86
Indeno(1,2,3-cd)pyrene
Concen: 7.840 ng
RT: 17.20 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:276 Resp: 467421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.4 | 18.5 | 27.7# |
| 277 | 23.5 | 20.0 | 30.0 |



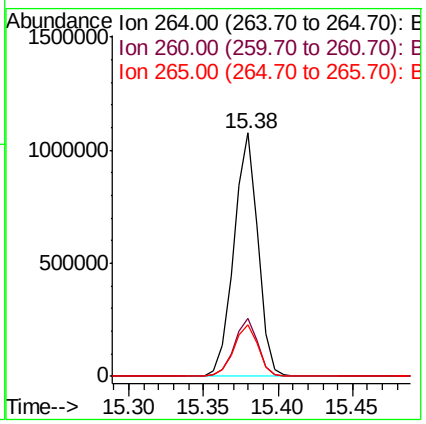


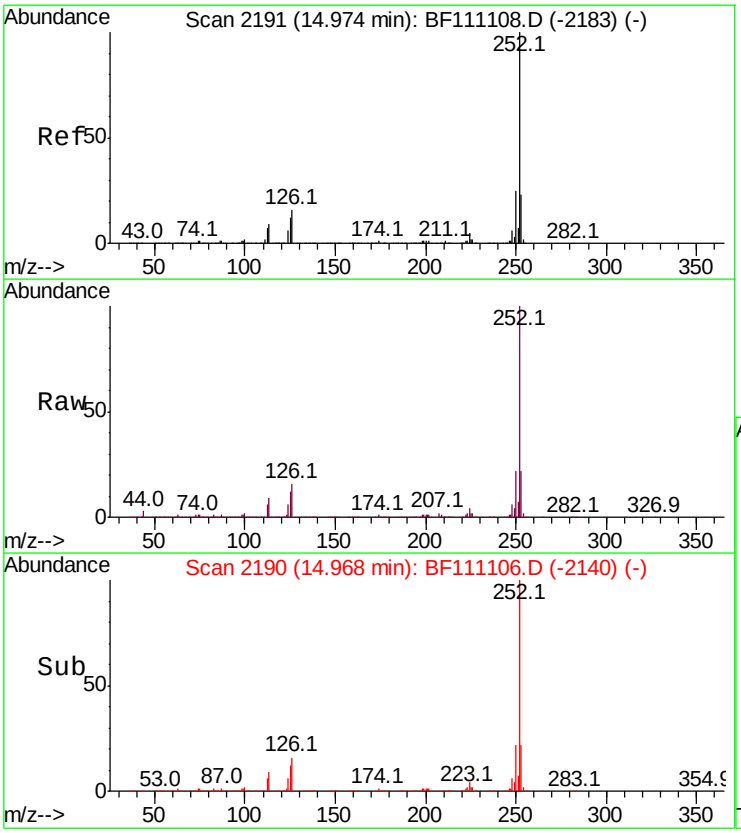

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:264 Resp: 1214739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.7 | 28.1 |
| 265 | 21.2 | 16.7 | 25.1 |

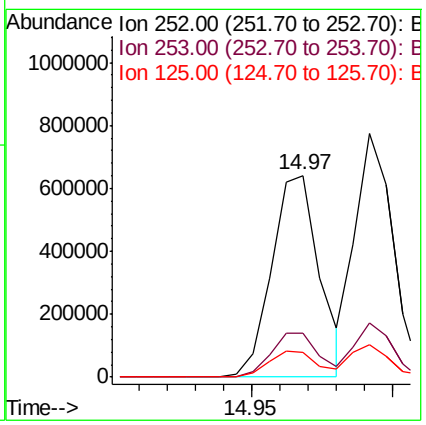


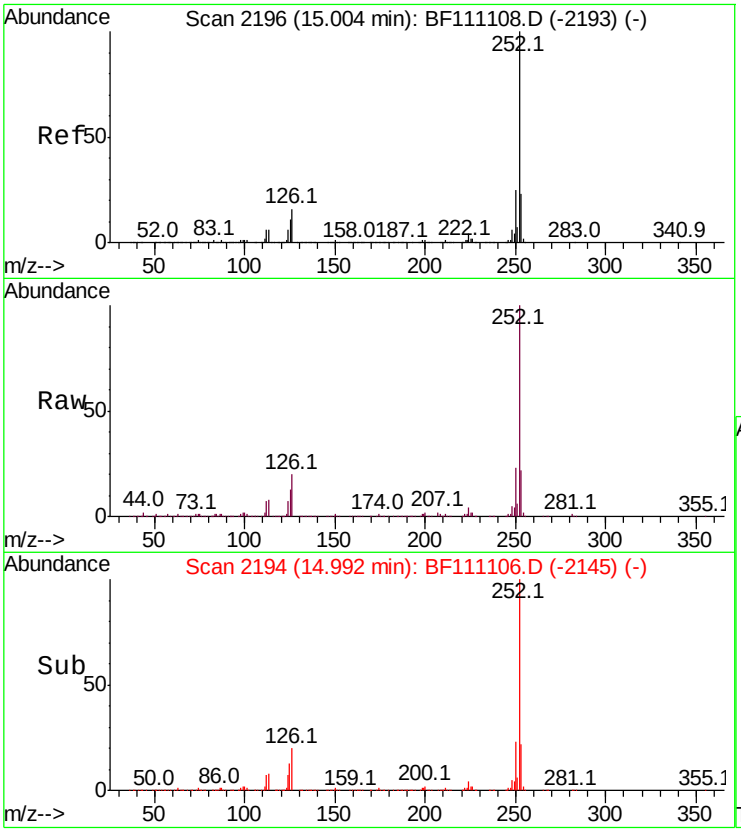




#88
Benzo(b)fluoranthene
Concen: 10.518 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:252 Resp: 750554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.2 | 25.8 |
| 125 | 12.2 | 8.2 | 12.4 |



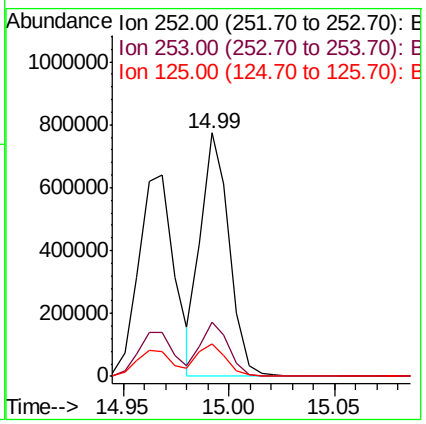


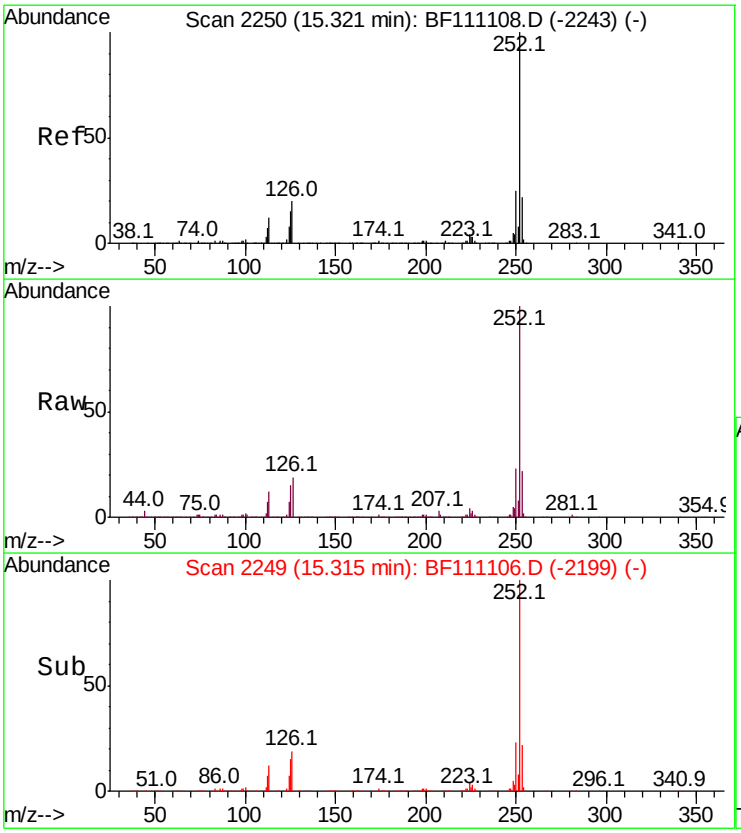

#89
Benzo(k)fluoranthene
Concen: 9.854 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:252 Resp: 723752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.2 | 25.8 |
| 125 | 13.2 | 7.4 | 11.0# |

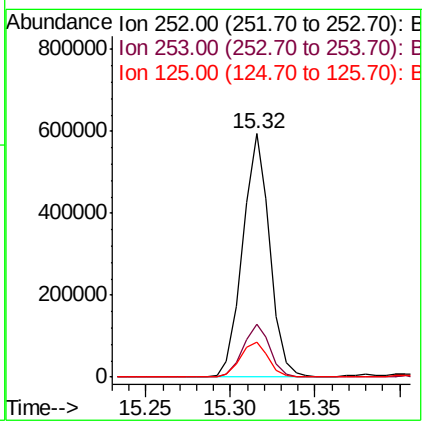


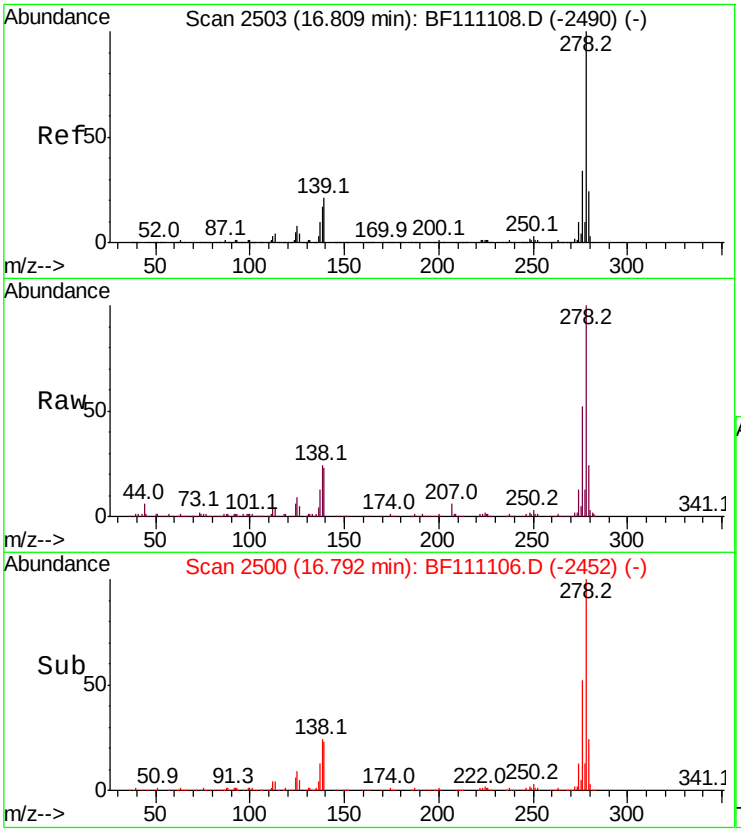




#90
Benzo(a)pyrene
Concen: 9.960 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:252 Resp: 661596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.2 | 27.4 |
| 125 | 14.6 | 9.0 | 13.6# |



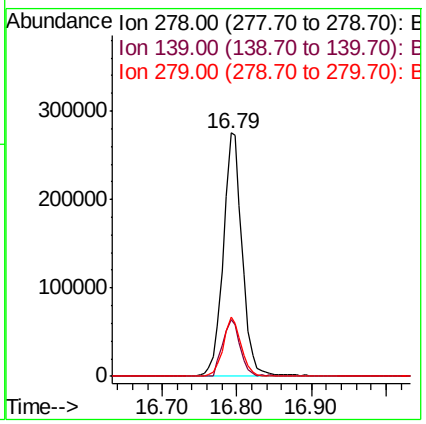


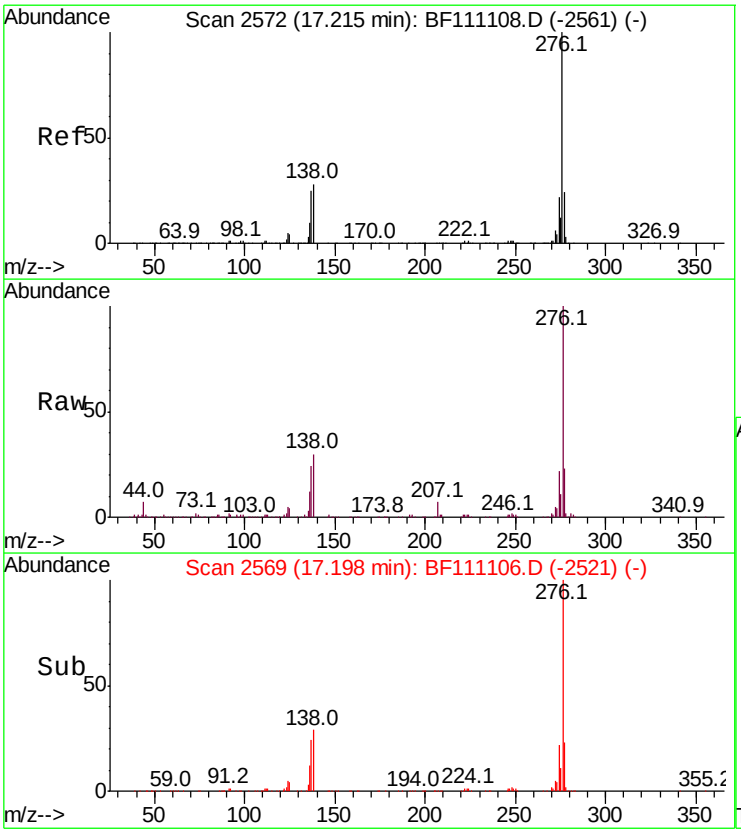

#91
Dibenzo(a,h)anthracene
Concen: 8.918 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

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

Tgt Ion:278 Resp: 488742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 23.4 | 12.7 | 19.1# |
| 279 | 24.3 | 19.0 | 28.4 |




#92
Benzo(g,h,i)perylene
Concen: 8.845 ng
RT: 17.20 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF111106.D
Acq: 5 Dec 2018 13:55

Tgt Ion:276 Resp: 467421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.0 | 18.8 | 28.2 |
| 138 | 29.6 | 16.0 | 24.0# |