Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110464.D
Acq On : 5 Nov 2018 14:55
Operator : JU/SJ
Sample : J5815-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 05 16:55:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.96 | 152 | 93312 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.24 | 136 | 391351 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.00 | 164 | 191442 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.49 | 188 | 345608 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.14 | 240 | 189121 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.66 | 264 | 163884 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.59 | 112 | 787651 | 137.46 | ng | | 0.01 |
| 7) Phenol-d6 | 6.59 | 99 | 1015735 | 138.59 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.52 | 82 | 650373 | 98.57 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.80 | 330 | 259127 | 136.64 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.32 | 172 | 1181580 | 96.92 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.07 | 244 | 1019492 | 112.11 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.86 | 88 | 82049 | 27.330 | ng | | 88 |
| 3) Pyridine | 3.65 | 79 | 241066 | 36.052 | ng | # | 83 |
| 4) n-Nitrosodimethylamine | 3.60 | 42 | 126765 | 45.250 | ng | # | 91 |
| 6) Aniline | 6.62 | 93 | 236906 | 24.813 | ng | # | 55 |
| 8) 2-Chlorophenol | 6.75 | 128 | 282618 | 42.780 | ng | | 99 |
| 9) Benzaldehyde | 6.51 | 77 | 179623 | 43.183 | ng | | 97 |
| 10) Phenol | 6.60 | 94 | 418409 | 53.407 | ng | # | 64 |
| 11) bis(2-Chloroethyl)ether | 6.69 | 93 | 261162 | 40.518 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.90 | 146 | 290133 | 39.907 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.97 | 146 | 289931 | 39.431 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.13 | 146 | 275269 | 40.328 | ng | | 99 |
| 15) Benzyl Alcohol | 7.10 | 79 | 248830 | 44.142 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.22 | 45 | 419924 | 40.747 | ng | | 71 |
| 17) 2-Methylphenol | 7.20 | 107 | 235873 | 44.800 | ng | # | 82 |
| 18) Hexachloroethane | 7.46 | 117 | 108327 | 40.241 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 196237 | 41.735 | ng | # | 97 |
| 20) 3+4-Methylphenols | 7.36 | 107 | 297422 | 43.703 | ng | # | 87 |
| 22) Acetophenone | 7.37 | 105 | 396571 | 43.978 | ng | | 98 |
| 24) Nitrobenzene | 7.54 | 77 | 295190 | 43.334 | ng | | 96 |
| 25) Isophorone | 7.77 | 82 | 549222 | 48.832 | ng | | 97 |
| 26) 2-Nitrophenol | 7.86 | 139 | 152644 | 47.089 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.89 | 122 | 265827 | 49.462 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93 | 345926 | 45.275 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 8.10 | 162 | 246254 | 45.353 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 8.18 | 180 | 254998 | 41.927 | ng | | 96 |
| 31) Naphthalene | 8.26 | 128 | 825977 | 45.794 | ng | | 100 |
| 32) Benzoic acid | 7.89 | 122 | 265827 | 63.996 | ng | # | 10 |
| 33) 4-Chloroaniline | 8.31 | 127 | 102210 | 12.591 | ng | | 95 |
| 34) Hexachlorobutadiene | 8.37 | 225 | 139938 | 41.440 | ng | | 98 |
| 35) Caprolactam | 8.68 | 113 | 33144 | 17.514 | ng | | 93 |
| 36) 4-Chloro-3-methylphenol | 8.80 | 107 | 267965 | 45.638 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.95 | 142 | 575394 | 48.215 | ng | | 100 |
| 38) 1-Methylnaphthalene | 8.95 | 142 | 575394 | 49.894 | ng | | 96 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 247272 | 41.454 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110464.D
Acq On : 5 Nov 2018 14:55
Operator : JU/SJ
Sample : J5815-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 05 16:55:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 9.10 | 237 | 219338 | 71.912 ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 9.23 | 196 | 167987 | 43.663 ng | | 94 |
| 44) 2,4,5-Trichlorophenol | 9.27 | 196 | 180893 | 44.481 ng | | 96 |
| 46) 1,1'-Biphenyl | 9.42 | 154 | 695092 | 40.151 ng | | 98 |
| 47) 2-Chloronaphthalene | 9.45 | 162 | 535859 | 42.197 ng | | 99 |
| 48) 2-Nitroaniline | 9.55 | 65 | 171687 | 44.615 ng | | 95 |
| 49) Acenaphthylene | 9.86 | 152 | 834555 | 45.501 ng | | 99 |
| 50) Dimethylphthalate | 9.72 | 163 | 818994 | 57.954 ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.79 | 165 | 139462 | 45.815 ng | | 91 |
| 52) Acenaphthene | 10.03 | 154 | 501534 | 41.333 ng | | 98 |
| 53) 3-Nitroaniline | 9.96 | 138 | 92029 | 25.423 ng | | 89 |
| 54) 2,4-Dinitrophenol | 10.07 | 184 | 19839 | 20.534 ng | | 93 |
| 55) Dibenzofuran | 10.20 | 168 | 729529 | 42.942 ng | | 99 |
| 56) 4-Nitrophenol | 10.13 | 139 | 273972 | 102.260 ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.19 | 165 | 181660 | 46.983 ng | | 95 |
| 58) Fluorene | 10.55 | 166 | 589119 | 46.594 ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.28 | 232 | 130905 | 39.492 ng | | 97 |
| 60) Diethylphthalate | 10.41 | 149 | 603173 | 43.724 ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 10.53 | 204 | 276382 | 41.437 ng | | 97 |
| 62) 4-Nitroaniline | 10.58 | 138 | 146384 | 40.658 ng | | 90 |
| 63) Azobenzene | 10.70 | 77 | 594056 | 43.384 ng | | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 10.60 | 198 | 52718 | 33.387 ng | | 89 |
| 66) n-Nitrosodiphenylamine | 10.66 | 169 | 508934 | 44.896 ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 11.03 | 248 | 164481 | 43.875 ng | | 94 |
| 68) Hexachlorobenzene | 11.10 | 284 | 169209 | 42.540 ng | # | 90 |
| 69) Atrazine | 11.18 | 200 | 164870 | 46.022 ng | | 97 |
| 70) Pentachlorophenol | 11.30 | 266 | 133193 | 57.426 ng | | 97 |
| 71) Phenanthrene | 11.52 | 178 | 848320 | 46.910 ng | | 100 |
| 72) Anthracene | 11.57 | 178 | 851384 | 46.970 ng | | 100 |
| 73) Carbazole | 11.72 | 167 | 737369 | 41.664 ng | | 100 |
| 74) Di-n-butylphthalate | 12.03 | 149 | 904949 | 45.274 ng | | 99 |
| 75) Fluoranthene | 12.71 | 202 | 815077 | 44.411 ng | | 99 |
| 77) Benzidine | 12.83 | 184 | 242767 | 46.704 ng | | 97 |
| 78) Pyrene | 12.94 | 202 | 781924 | 57.671 ng | | 98 |
| 80) Butylbenzylphthalate | 13.53 | 149 | 312316 | 53.071 ng | | 97 |
| 81) Benzo(a)anthracene | 14.13 | 228 | 535787 | 47.773 ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.08 | 252 | 98950 | 25.337 ng | | 99 |
| 83) Chrysene | 14.16 | 228 | 496449 | 46.605 ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149 | 398284 | 50.066 ng | | 97 |
| 85) Di-n-octyl phthalate | 14.70 | 149 | 567525 | 45.880 ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 17.24 | 276 | 522099 | 59.080 ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.20 | 252 | 452297 | 47.793 ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.24 | 252 | 409427 | 44.007 ng | | 98 |
| 90) Benzo(a)pyrene | 15.60 | 252 | 426499 | 48.977 ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.24 | 278 | 426594 | 56.774 ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.72 | 276 | 439499 | 59.358 ng | | 98 |

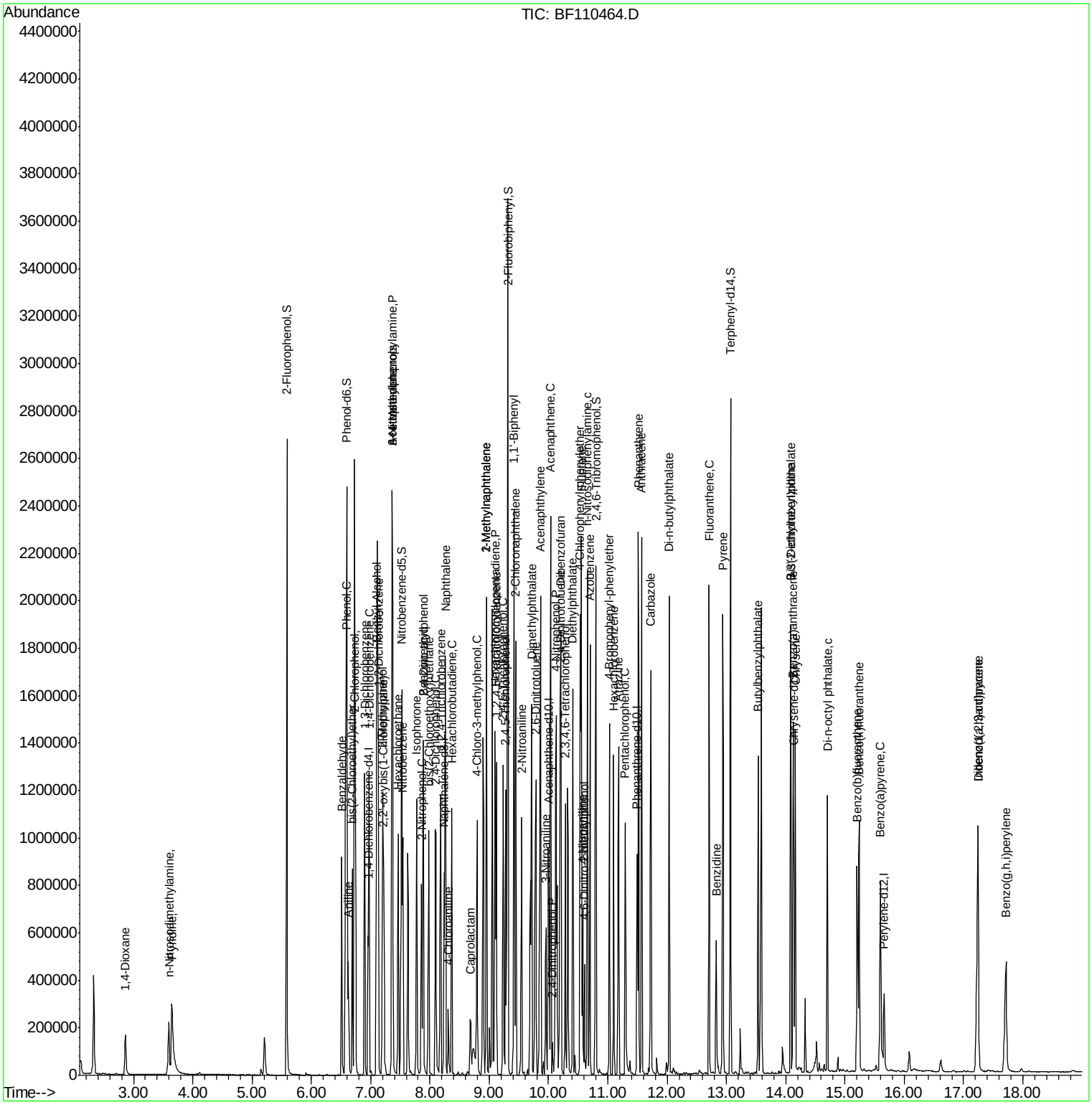
(#) = qualifier out of range (m) = manual integration (+) = signals summed

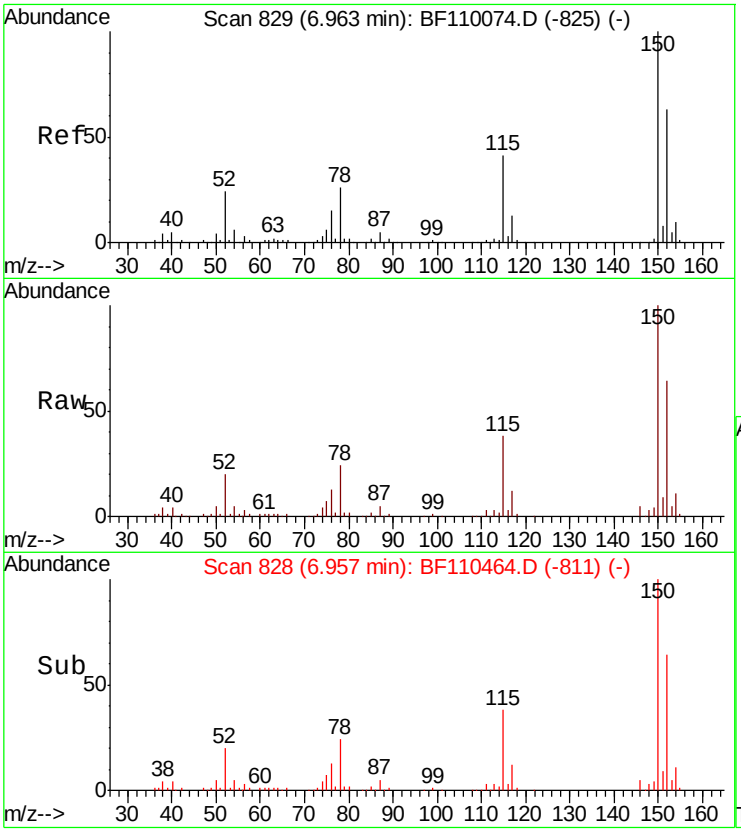
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110464.D
Acq On : 5 Nov 2018 14:55
Operator : JU/SJ
Sample : J5815-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 05 16:55:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



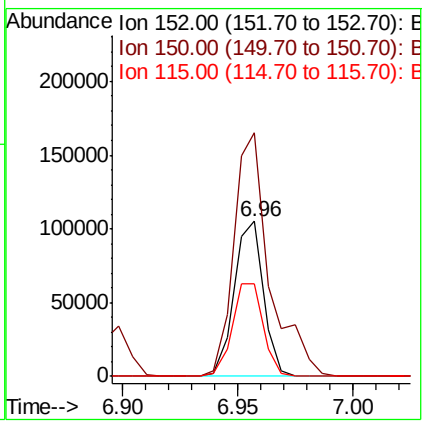


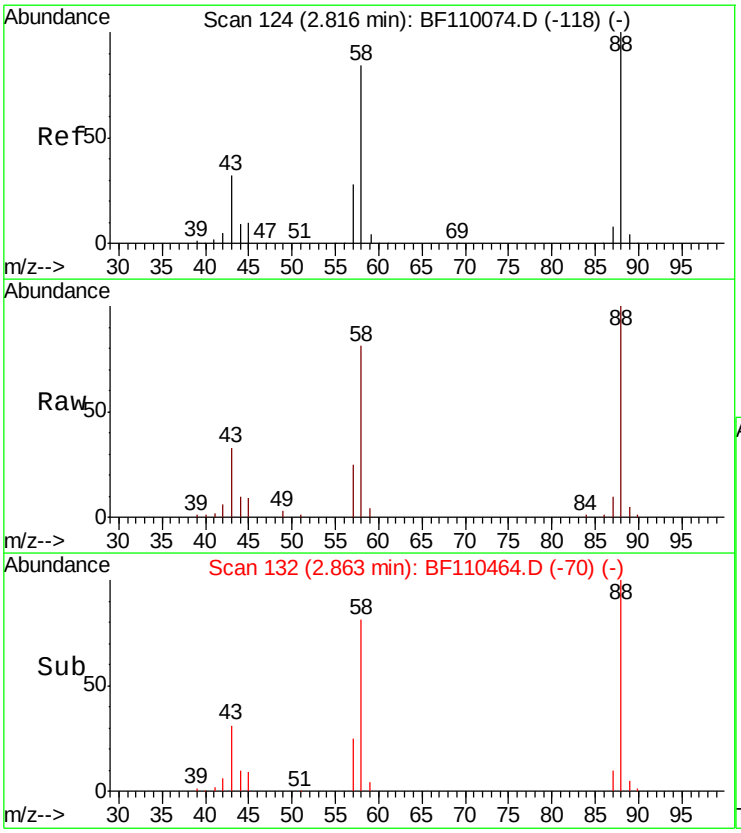

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:152 Resp: 93312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.4 | 122.7 | 184.1 |
| 115 | 59.6 | 49.1 | 73.7 |

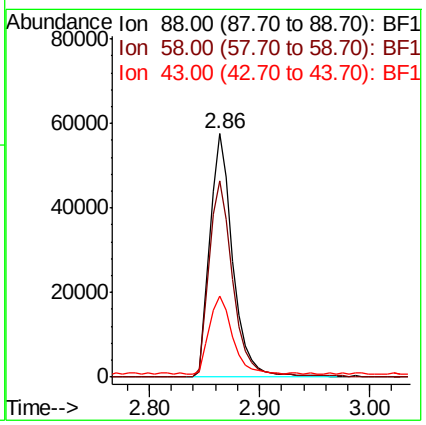


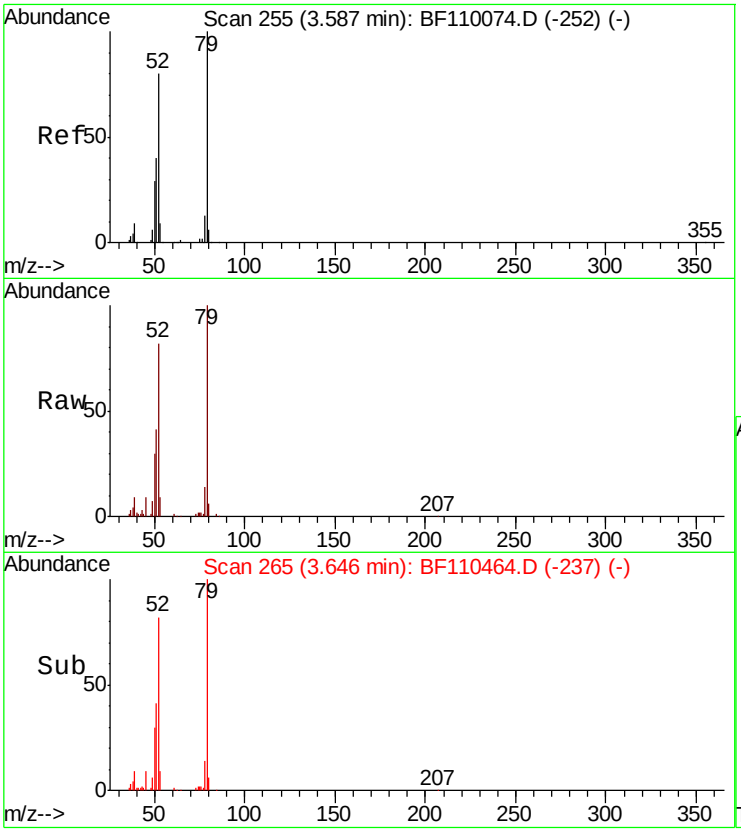




#2
1,4-Dioxane
Concen: 27.330 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.06 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion: 88 Resp: 82049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 84.1 | 57.1 | 85.7 |
| 43 | 32.6 | 24.1 | 36.1 |



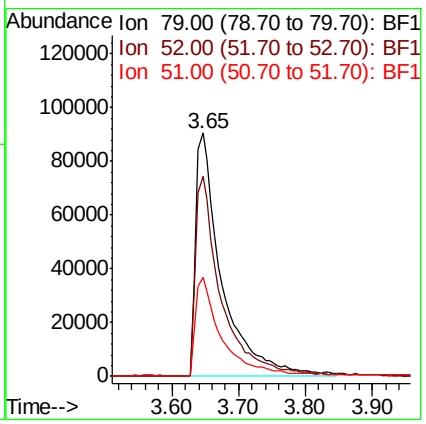


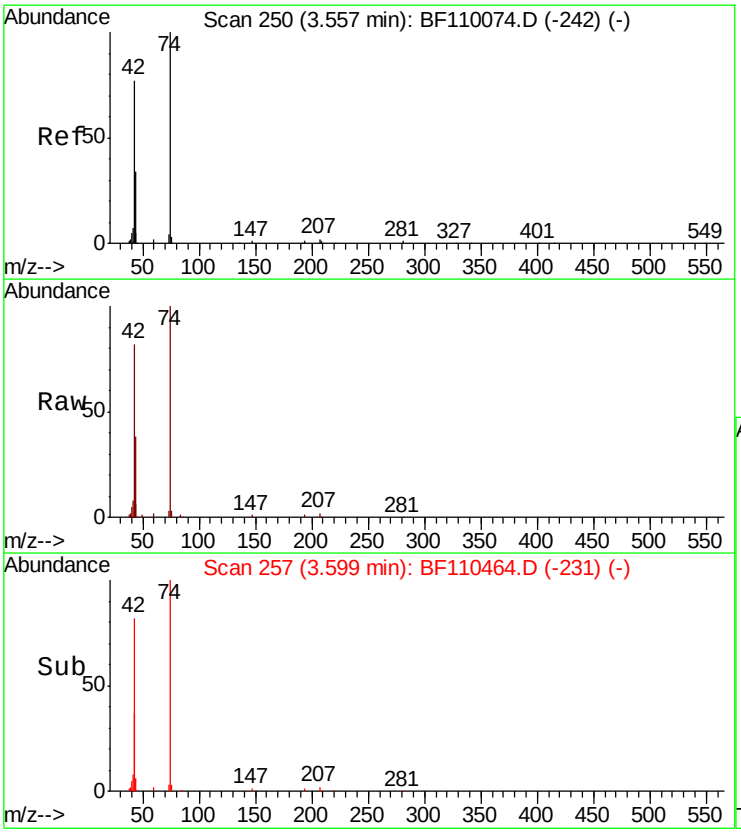

#3
Pyridine
Concen: 36.052 ng
RT: 3.65 min Scan# 265
Delta R.T. 0.06 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion: 79 Resp: 241066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 82.4 | 53.1 | 79.7# |
| 51 | 40.5 | 27.4 | 41.2 |

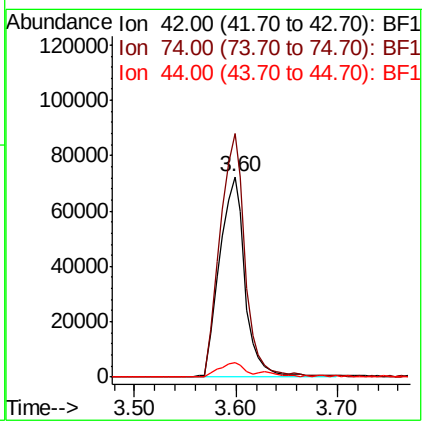


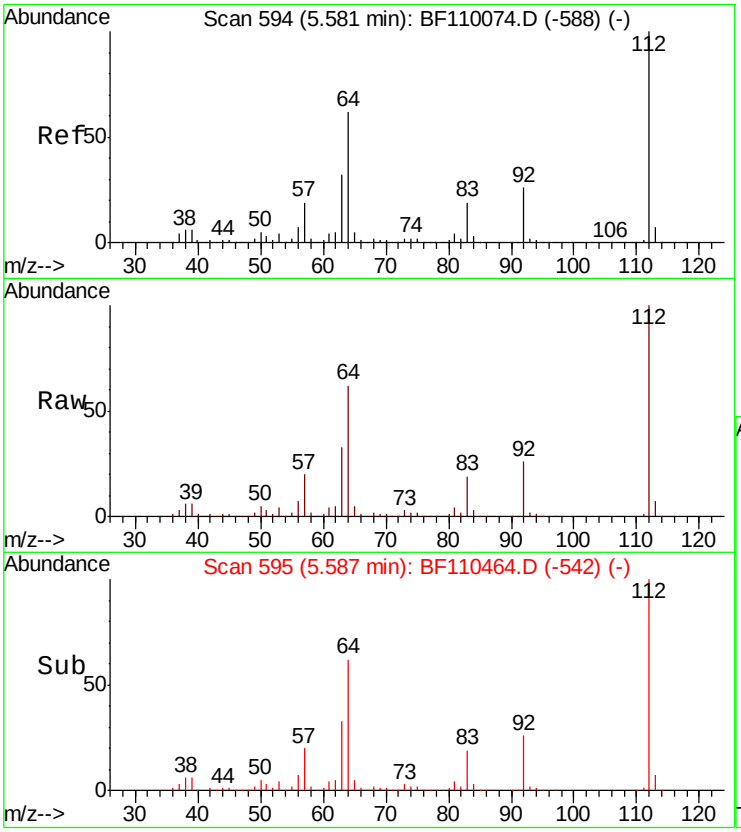




#4
n-Nitrosodimethylamine
Concen: 45.250 ng
RT: 3.60 min Scan# 257
Delta R.T. 0.05 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion: 42 Resp: 126765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 121.5 | 105.5 | 158.3 |
| 44 | 7.5 | 4.9 | 7.3# |



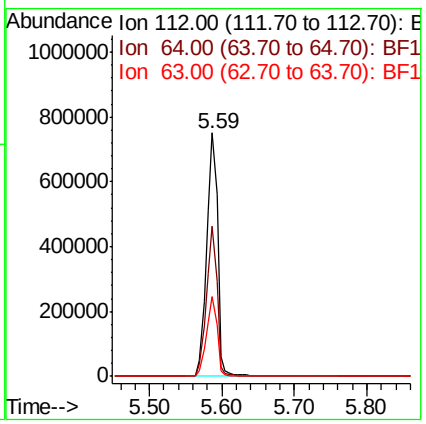


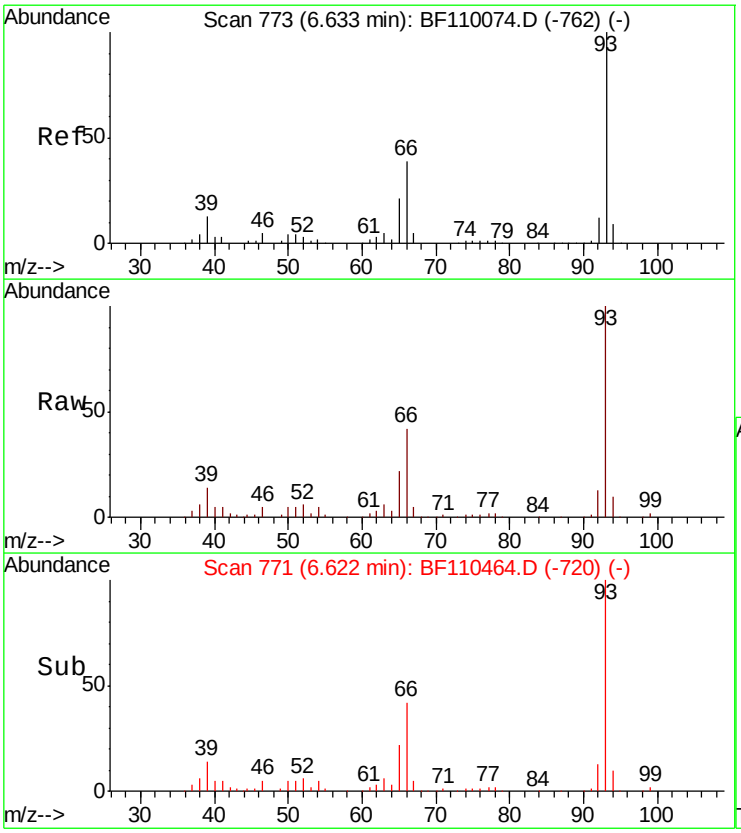

#5
2-Fluorophenol
Concen: 137.458 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:112 Resp: 787651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.6 | 44.1 | 66.1 |
| 63 | 32.6 | 23.7 | 35.5 |

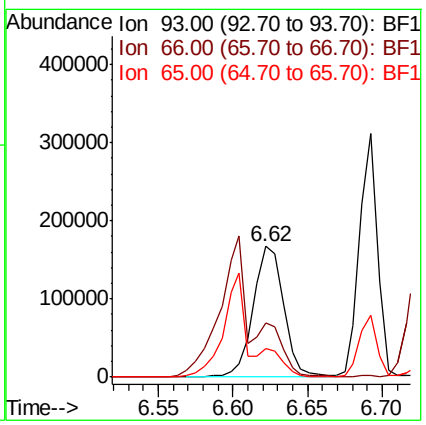


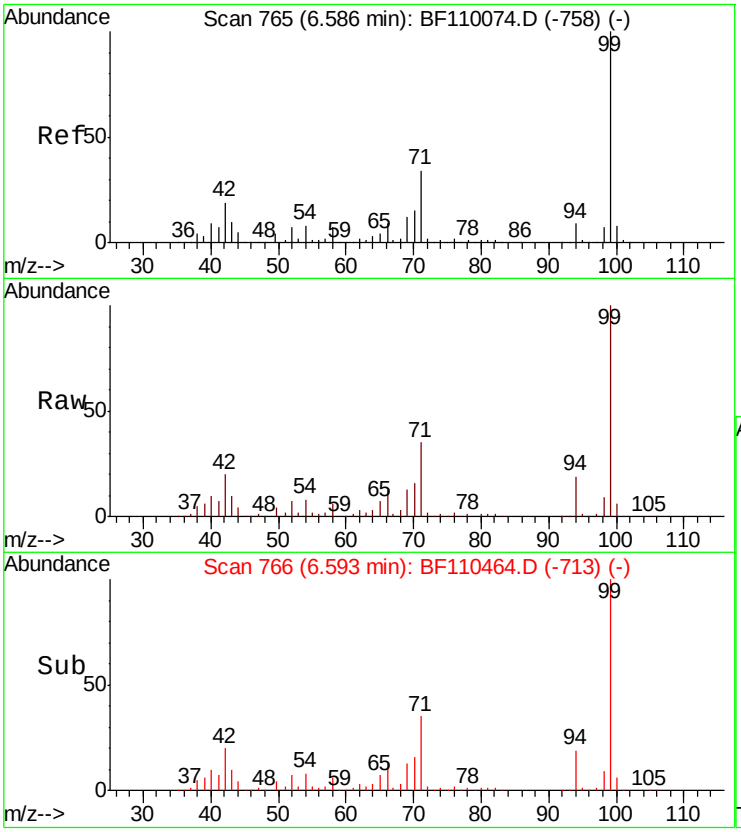




#6
Aniline
Concen: 24.813 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion: 93 Resp: 236906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.9 | 67.4 | 101.0# |
| 65 | 22.3 | 41.0 | 61.4# |



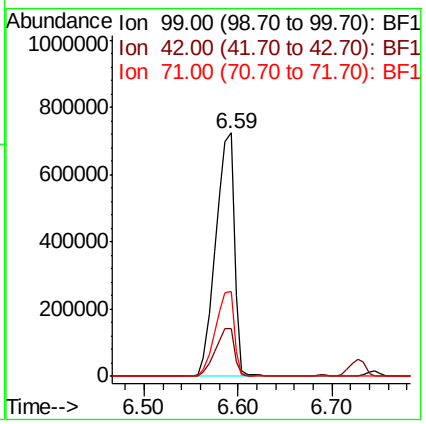


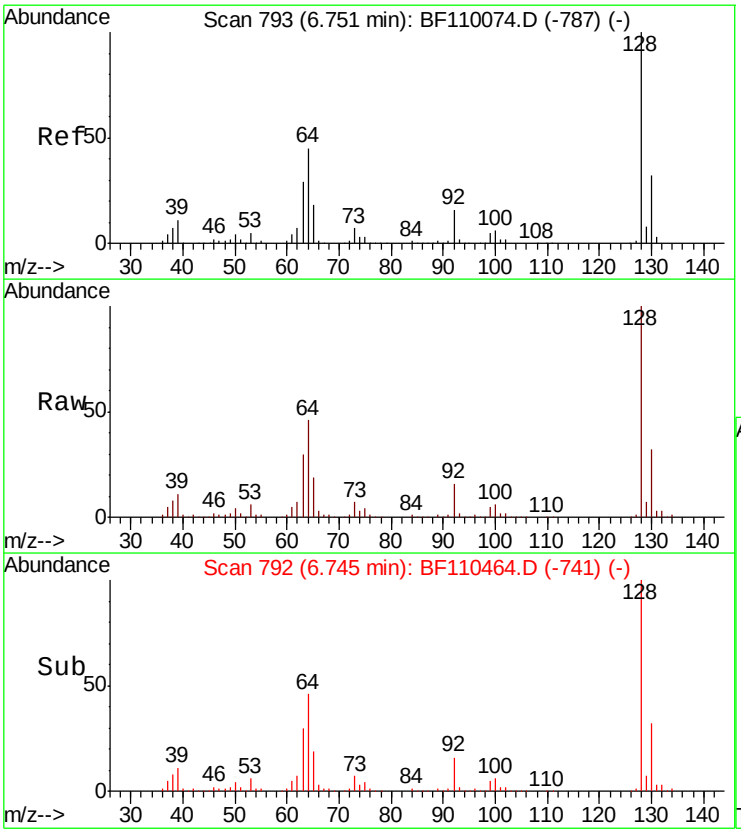

#7
Phenol-d6
Concen: 138.587 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion: 99 Resp: 1015735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.6 | 15.8 | 23.6 |
| 71 | 35.0 | 28.0 | 42.0 |

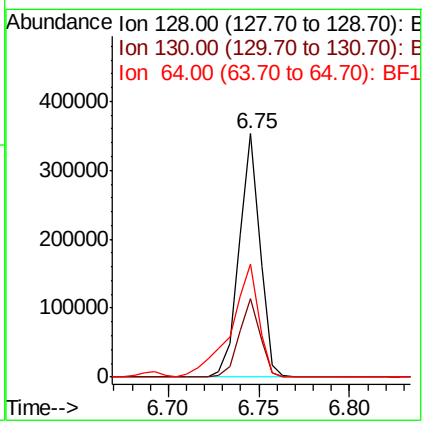


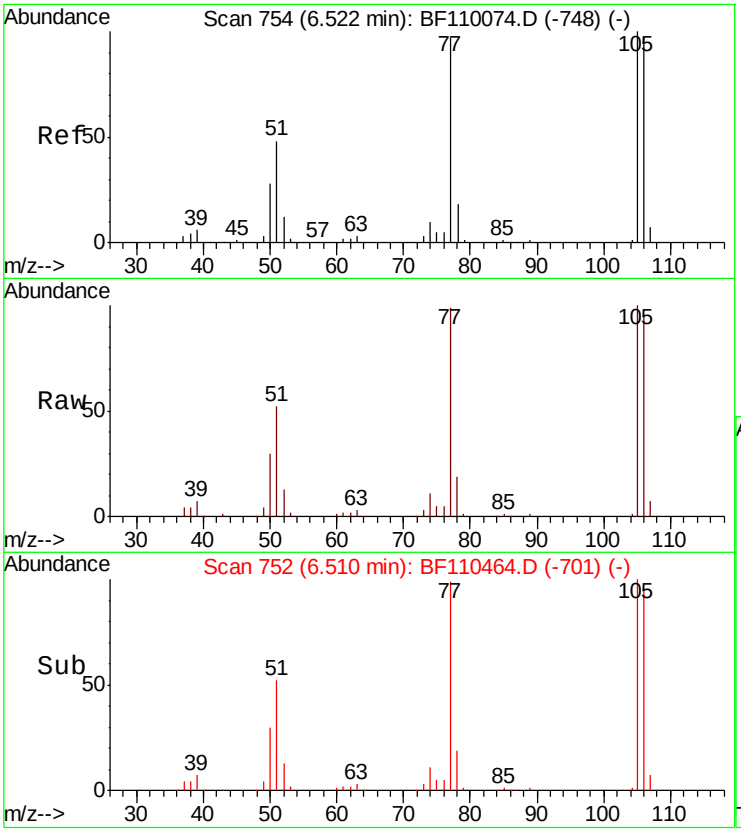




#8
2-Chlorophenol
Concen: 42.780 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:128 Resp: 282618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.0 | 13.1 | 53.1 |
| 64 | 46.3 | 26.0 | 66.0 |



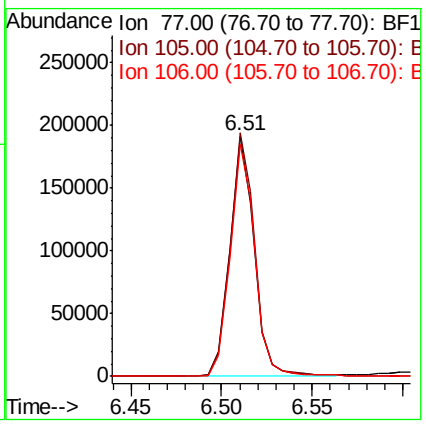


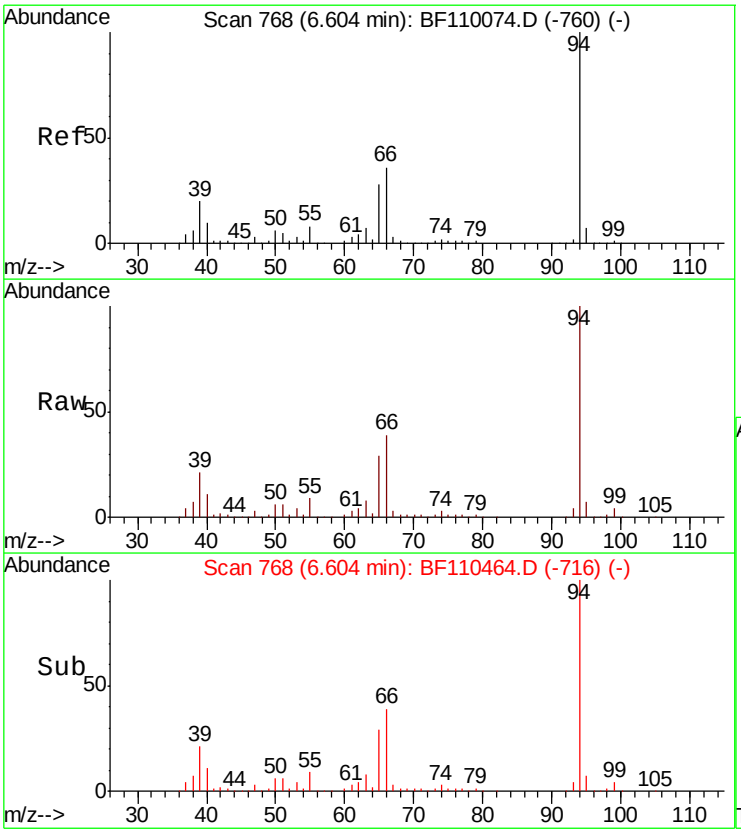

#9
Benzaldehyde
Concen: 43.183 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion: 77 Resp: 179623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 101.4 | 78.6 | 118.6 |
| 106 | 96.9 | 74.8 | 114.8 |

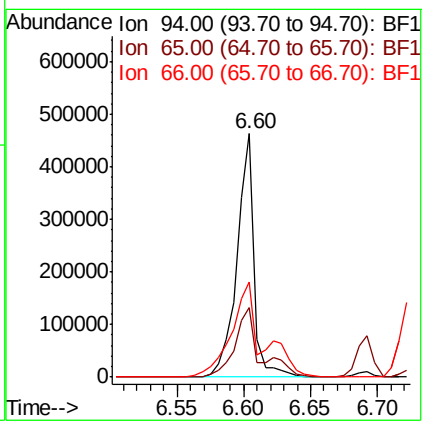


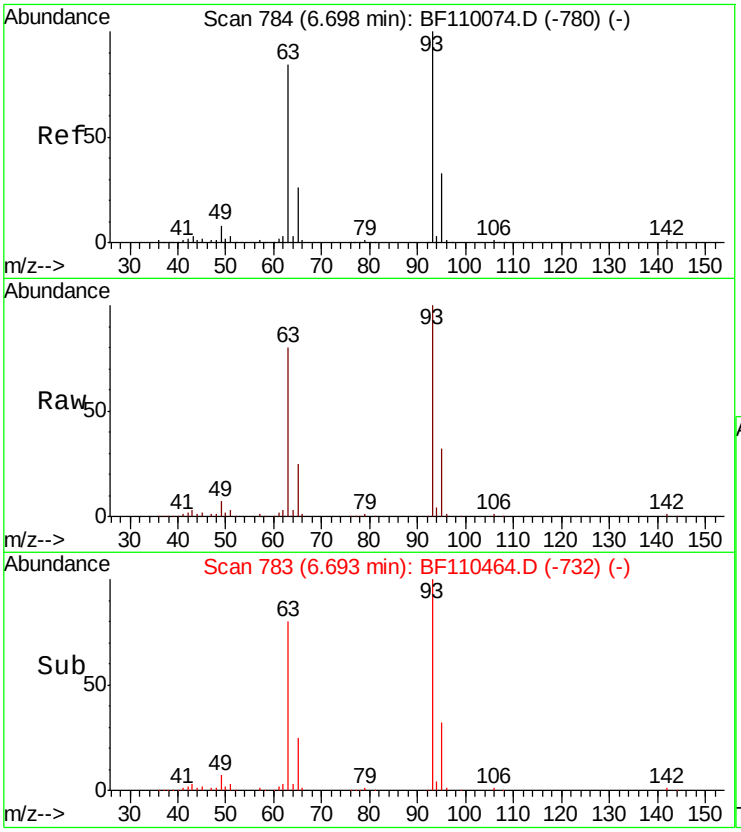




#10
Phenol
Concen: 53.407 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion: 94 Resp: 418409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.6 | 25.3 | 65.3 |
| 66 | 38.9 | 54.5 | 94.5# |



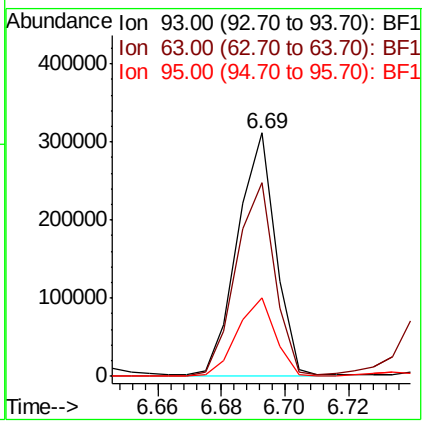


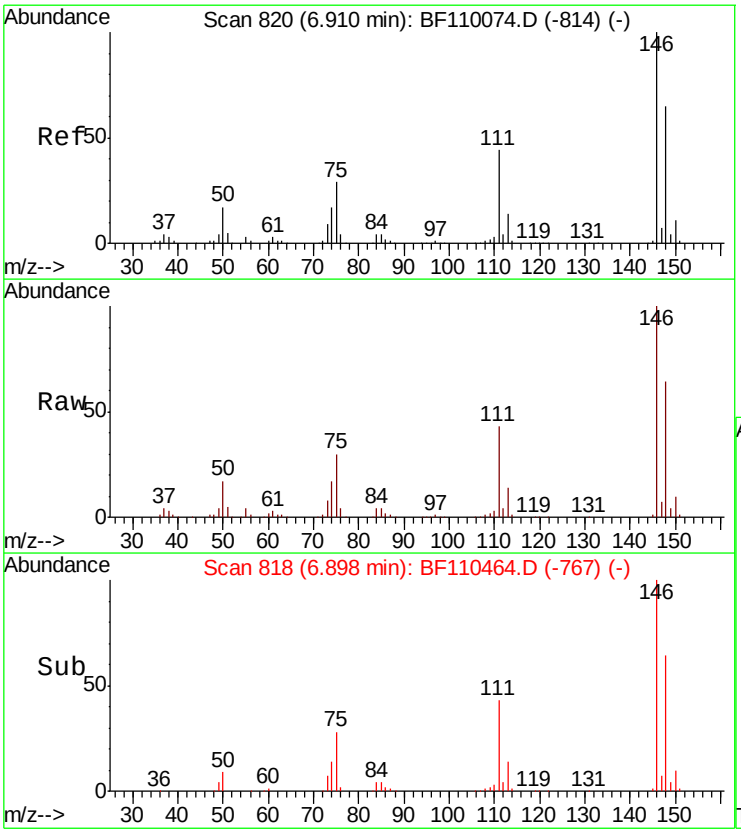

#11
bis(2-Chloroethyl)ether
Concen: 40.518 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion: 93 Resp: 261162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.7 | 53.4 | 93.4 |
| 95 | 32.1 | 12.1 | 52.1 |

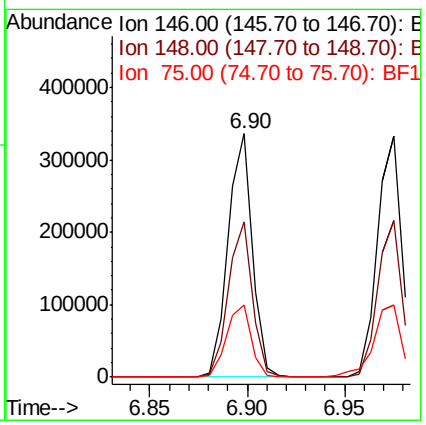


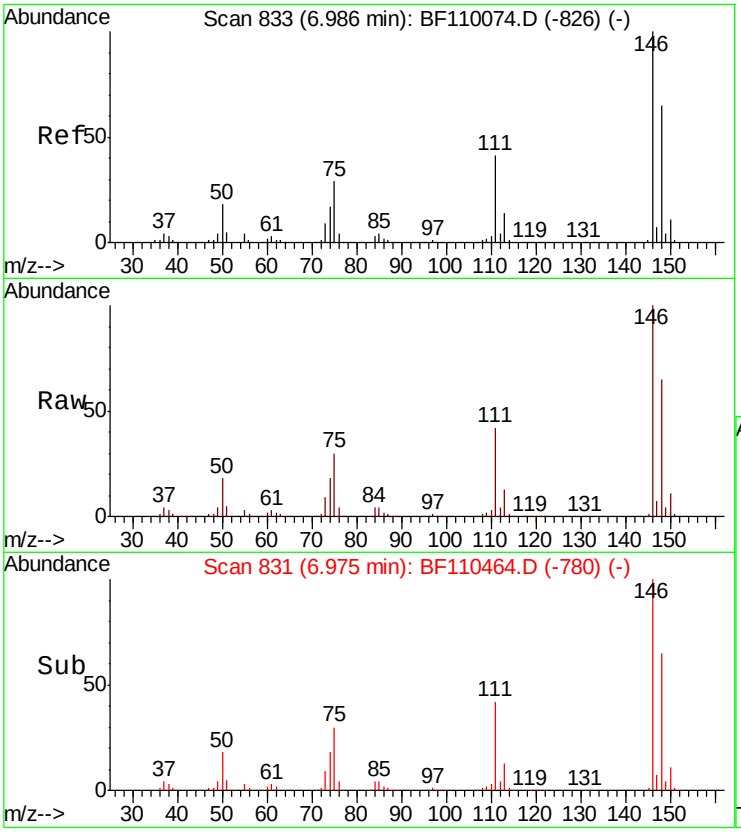




#12
1,3-Dichlorobenzene
Concen: 39.907 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:146 Resp: 290133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 50.4 | 75.6 |
| 75 | 29.5 | 25.8 | 38.6 |



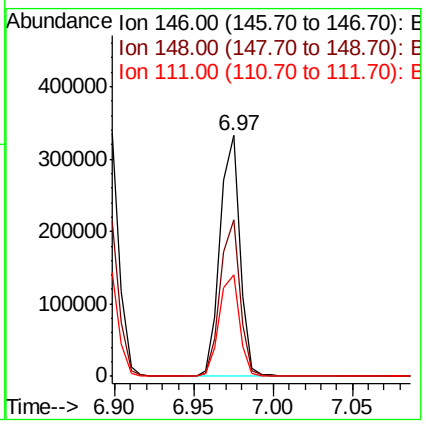


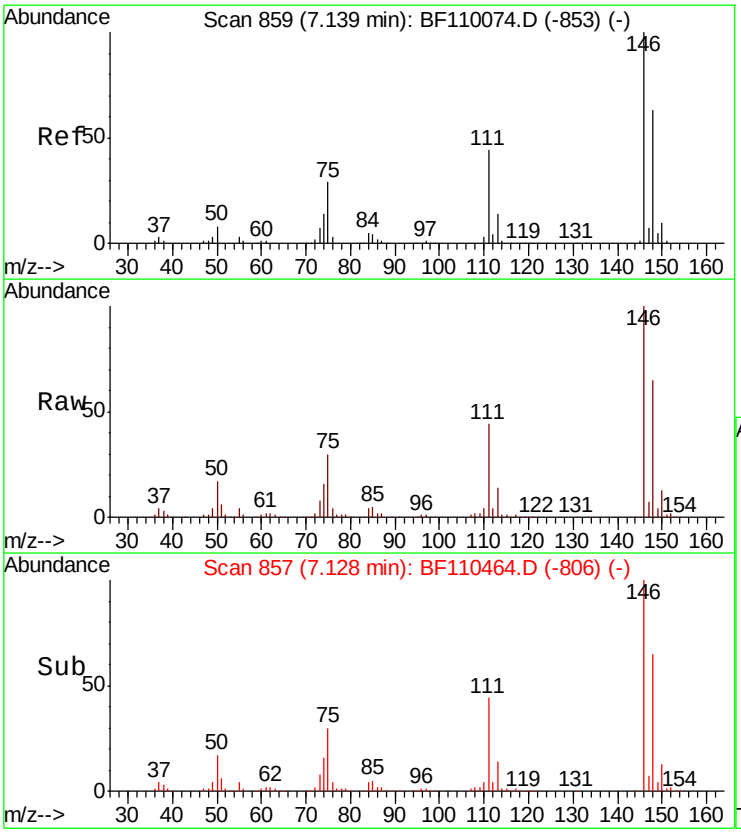

#13
1,4-Dichlorobenzene
Concen: 39.431 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:146 Resp: 289931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 50.3 | 75.5 |
| 111 | 42.0 | 32.7 | 49.1 |

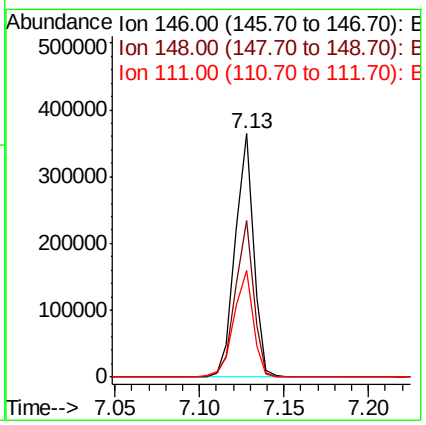


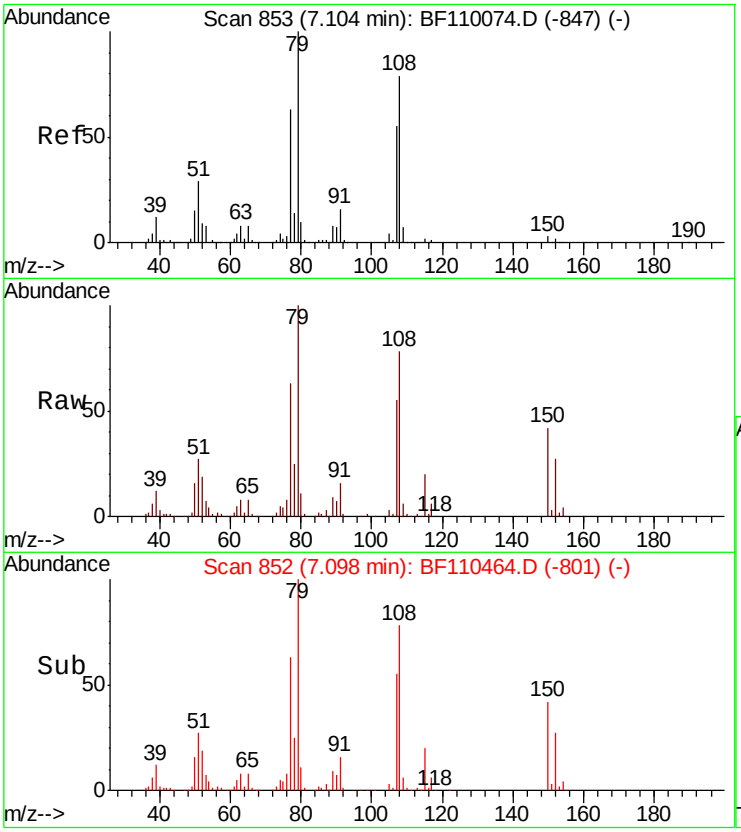




#14
1,2-Dichlorobenzene
Concen: 40.328 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:146 Resp: 275269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 51.1 | 76.7 |
| 111 | 43.9 | 35.8 | 53.6 |



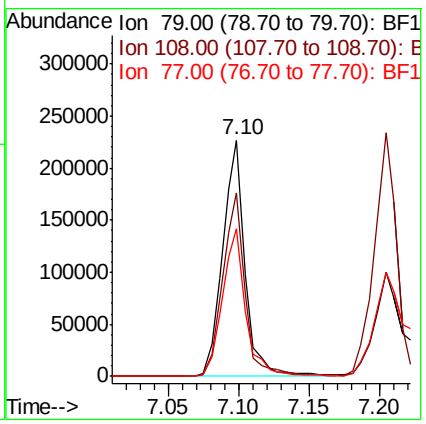


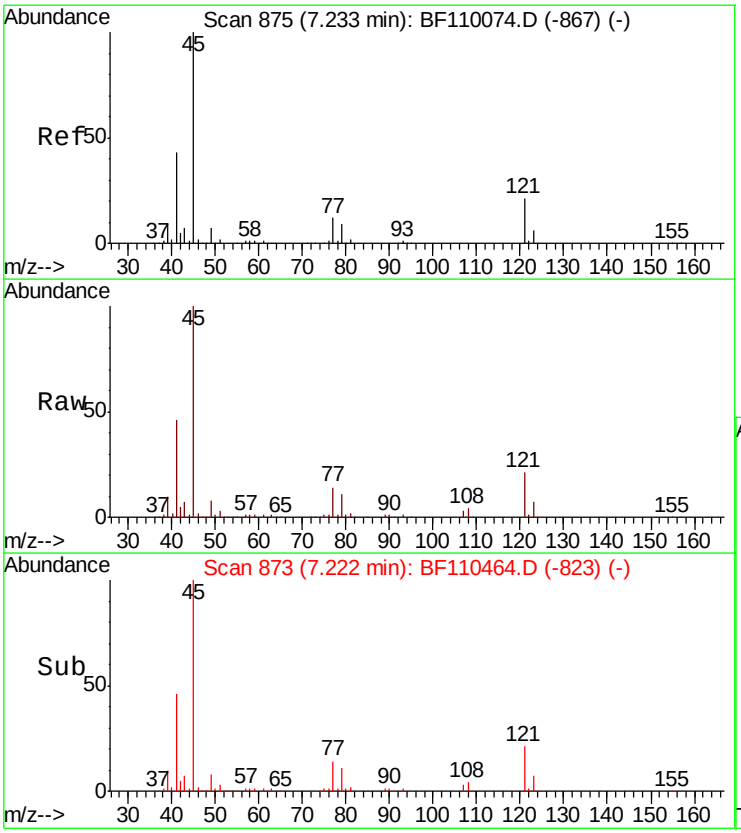

#15
Benzyl Alcohol
Concen: 44.142 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion: 79 Resp: 248830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.6 | 56.3 | 84.5 |
| 77 | 62.7 | 52.9 | 79.3 |

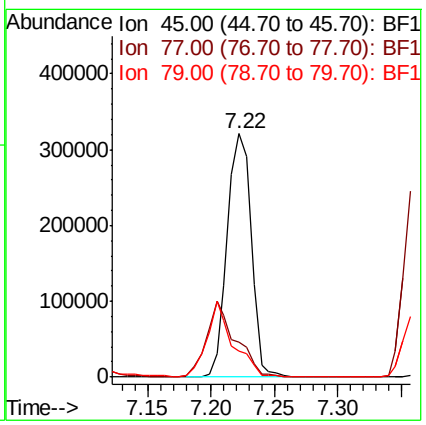


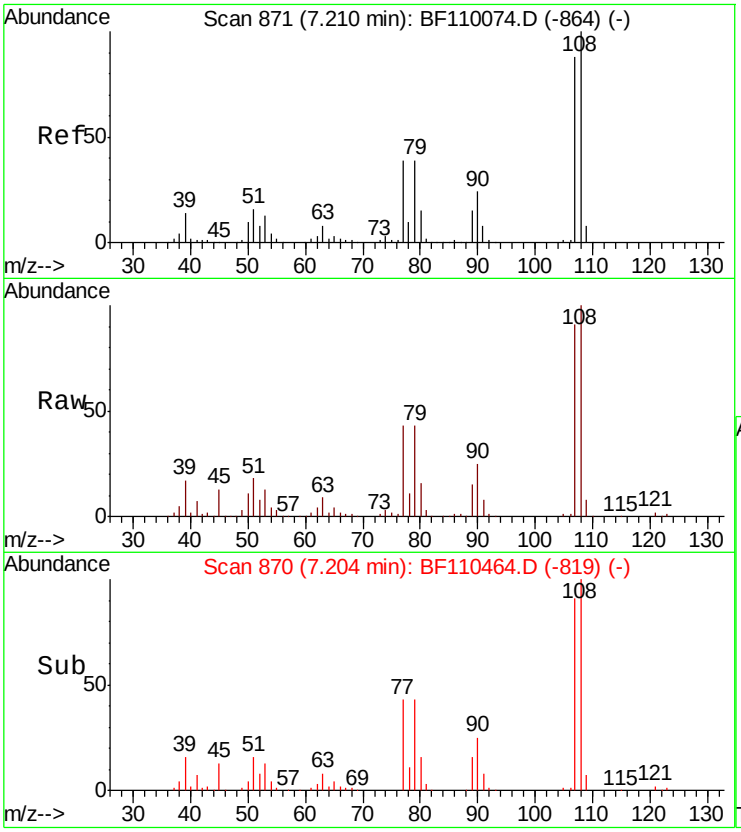




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.747 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion: 45 Resp: 419924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.2 | 10.0 | 50.0 |
| 79 | 10.9 | 6.1 | 46.1 |



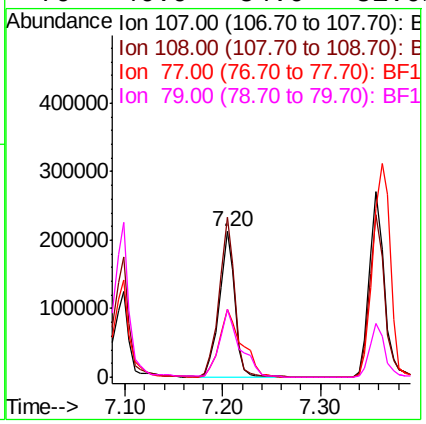


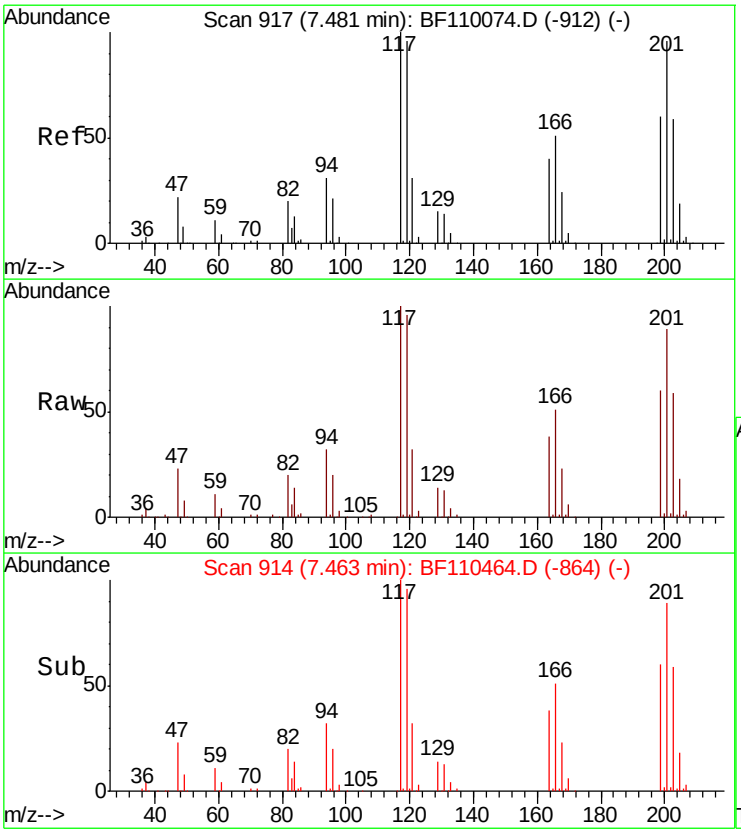

#17
2-Methylphenol
Concen: 44.800 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:107 Resp: 235873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.2 | 92.6 | 138.8 |
| 77 | 47.0 | 59.4 | 89.2# |
| 79 | 46.9 | 54.0 | 81.0# |

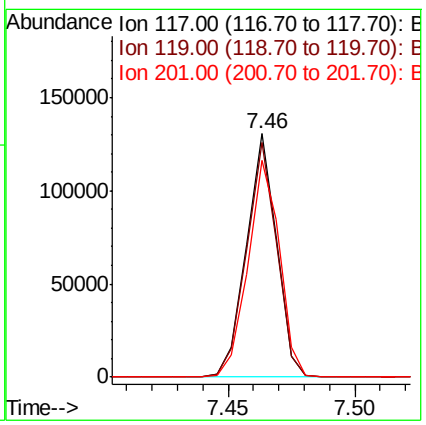


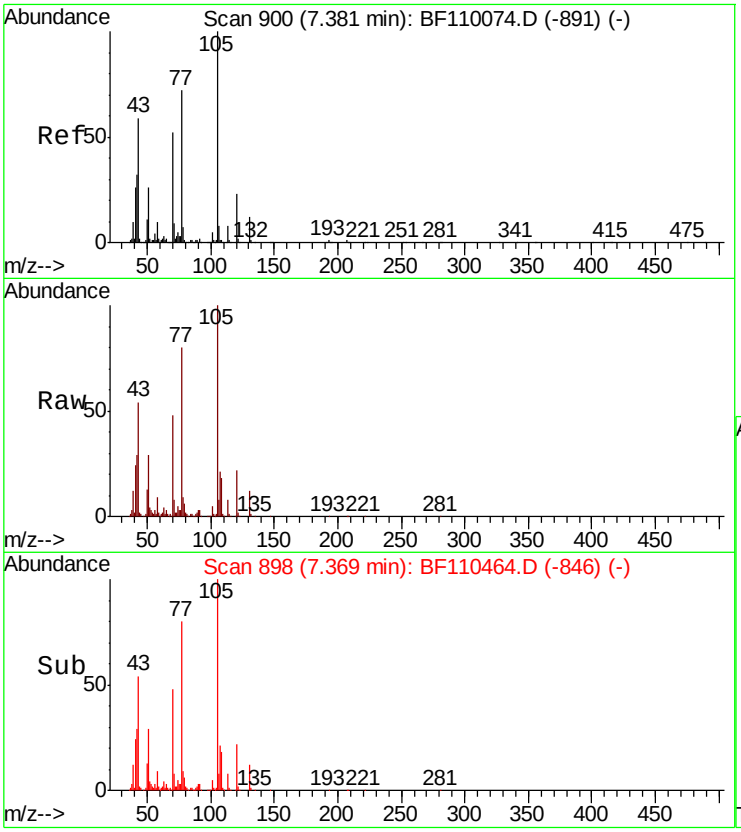




#18
Hexachloroethane
Concen: 40.241 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:117 Resp: 108327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.3 | 75.0 | 112.6 |
| 201 | 88.8 | 79.2 | 118.8 |



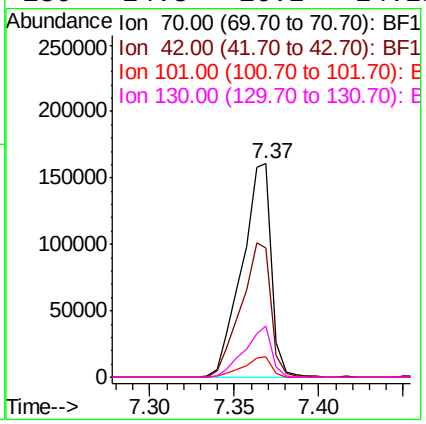


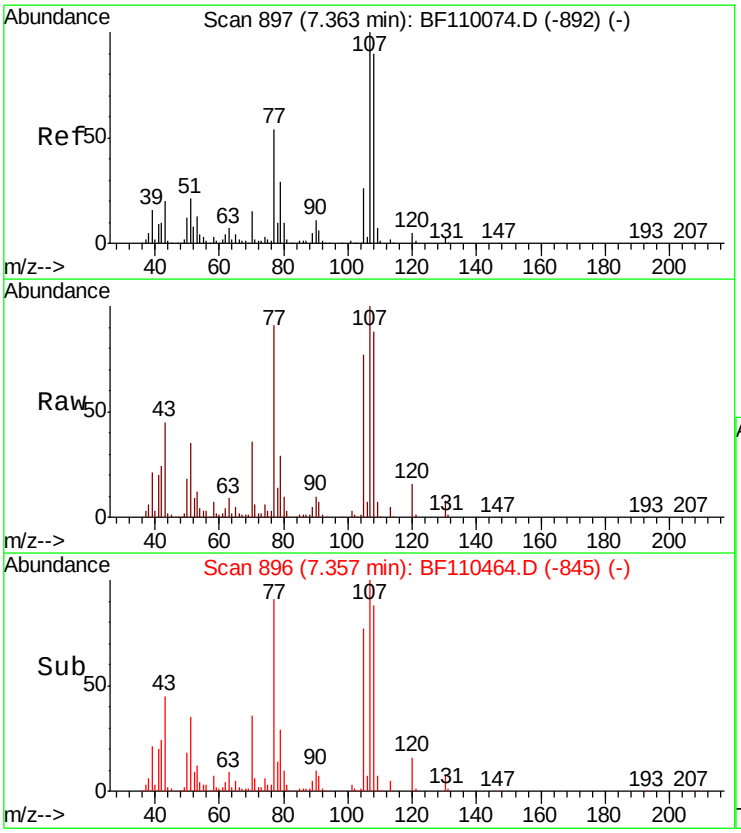

#19
n-Nitroso-di-n-propylamine
Concen: 41.735 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion: 70 Resp: 196237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 60.4 | 47.4 | 71.2 |
| 101 | 9.6 | 7.3 | 10.9 |
| 130 | 24.3 | 16.2 | 24.2# |

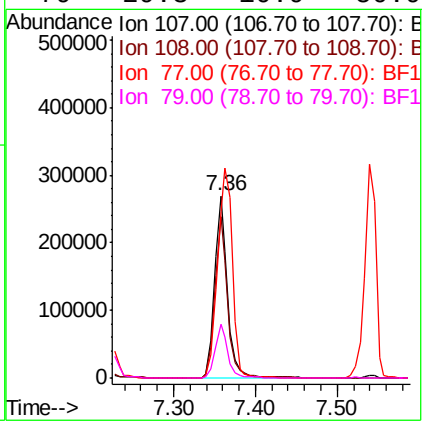


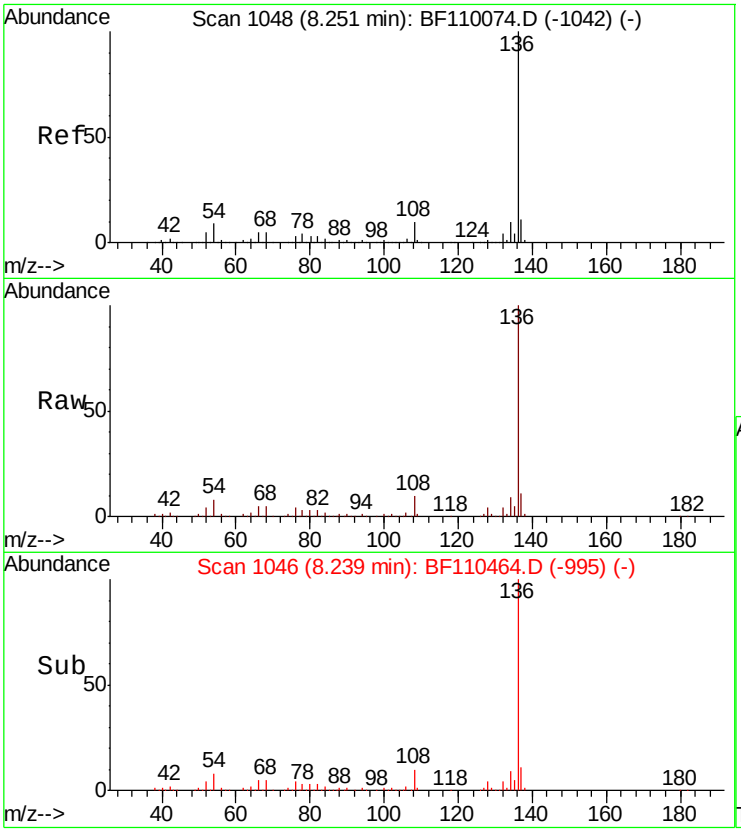




#20
3+4-Methylphenols
Concen: 43.703 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:107 Resp: 297422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.1 | 71.4 | 111.4 |
| 77 | 91.1 | 47.3 | 87.3# |
| 79 | 29.3 | 10.9 | 50.9 |



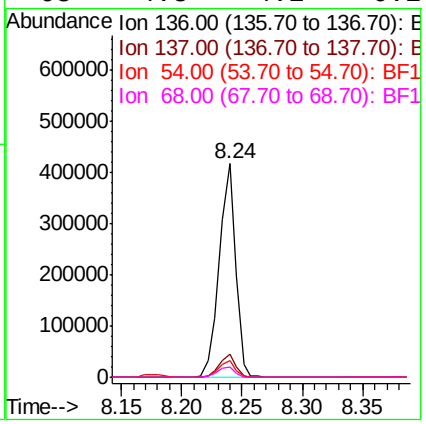


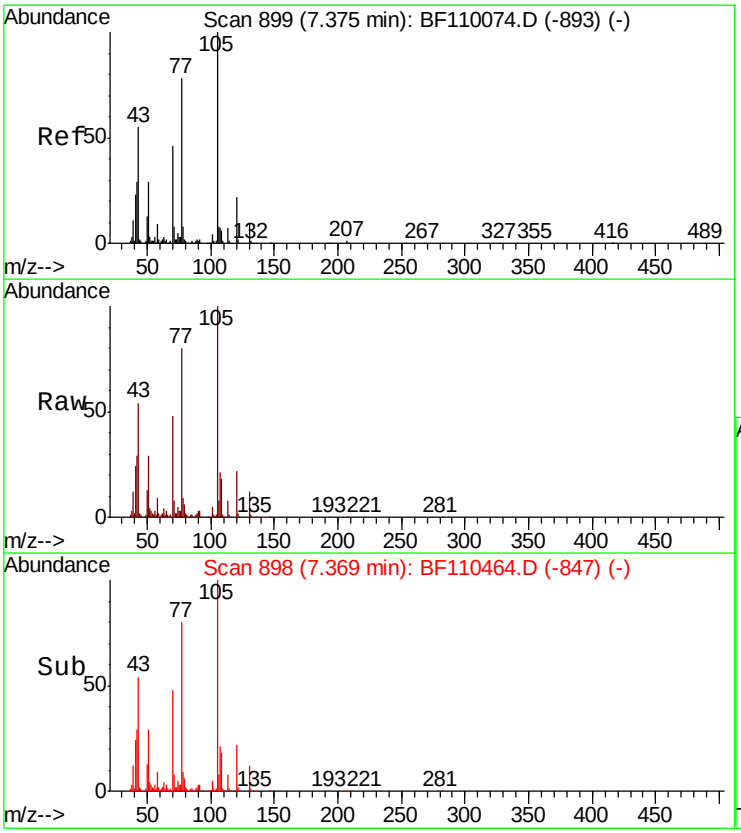

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:136 Resp: 391351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 7.7 | 5.4 | 8.2 |
| 68 | 4.8 | 4.2 | 6.2 |

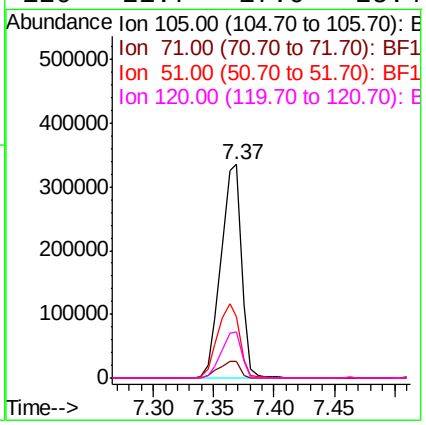


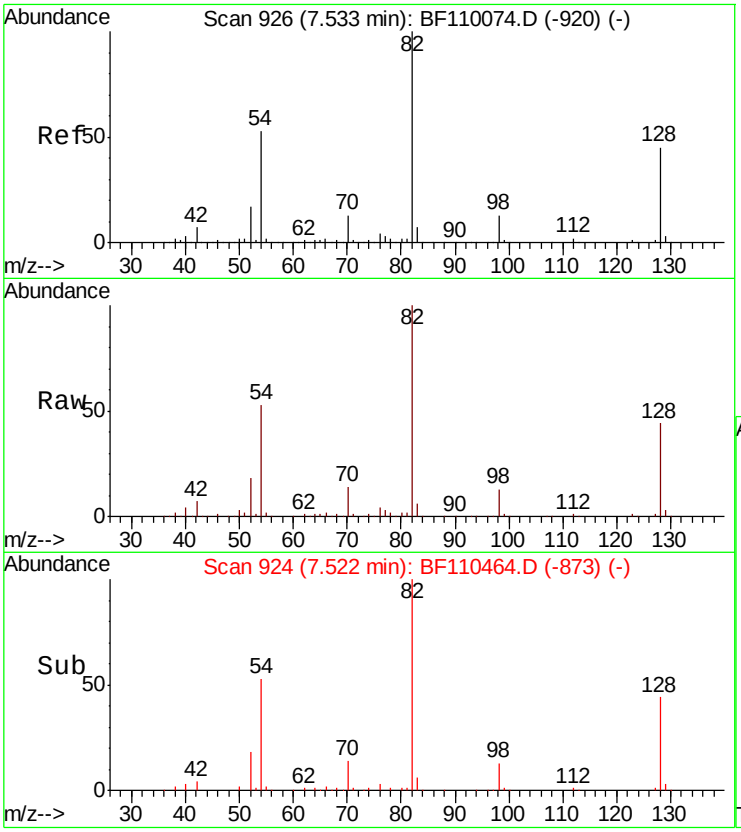




#22
Acetophenone
Concen: 43.978 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:105 Resp: 396571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 7.6 | 5.2 | 7.8 |
| 51 | 28.9 | 21.8 | 32.8 |
| 120 | 21.7 | 17.0 | 25.4 |



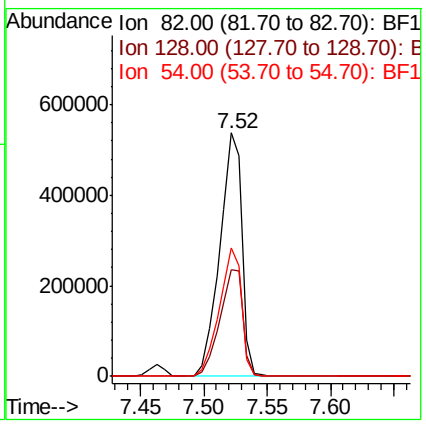


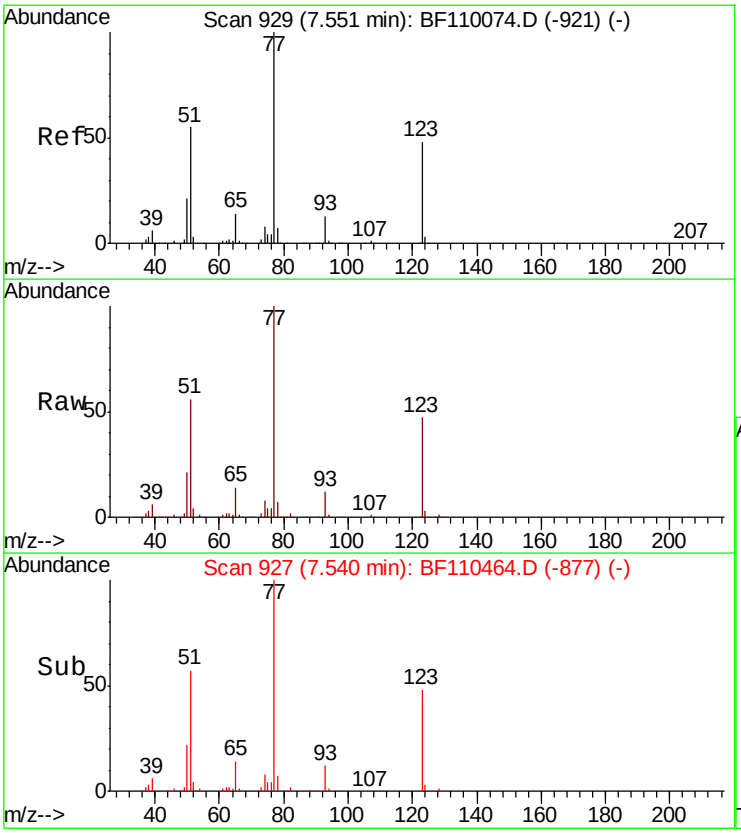

#23
Nitrobenzene-d5
Concen: 98.571 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion: 82 Resp: 650373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.7 | 34.2 | 51.2 |
| 54 | 52.7 | 38.6 | 58.0 |

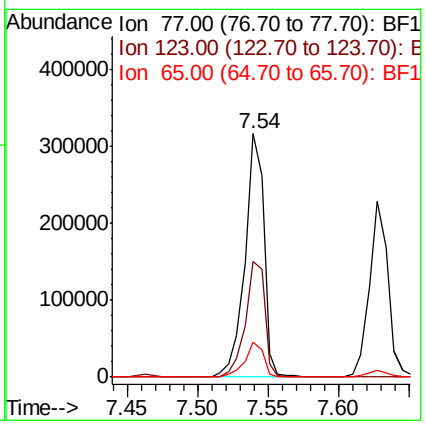


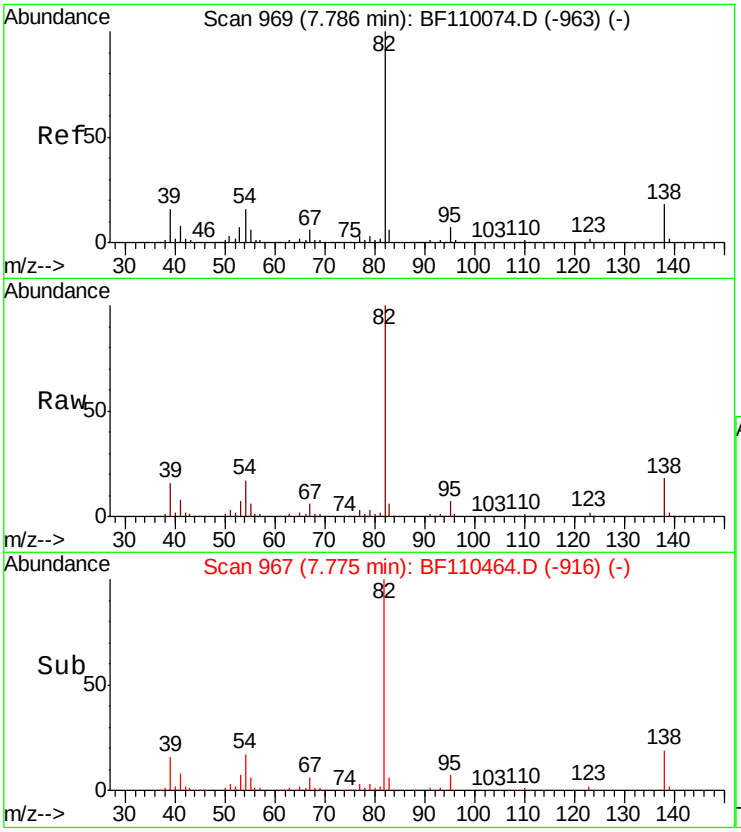




#24
Nitrobenzene
Concen: 43.334 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion: 77 Resp: 295190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.4 | 35.7 | 53.5 |
| 65 | 14.3 | 10.7 | 16.1 |



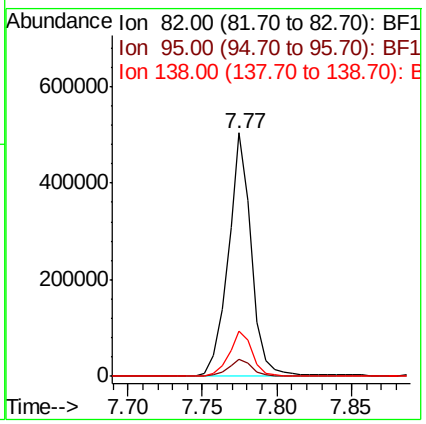


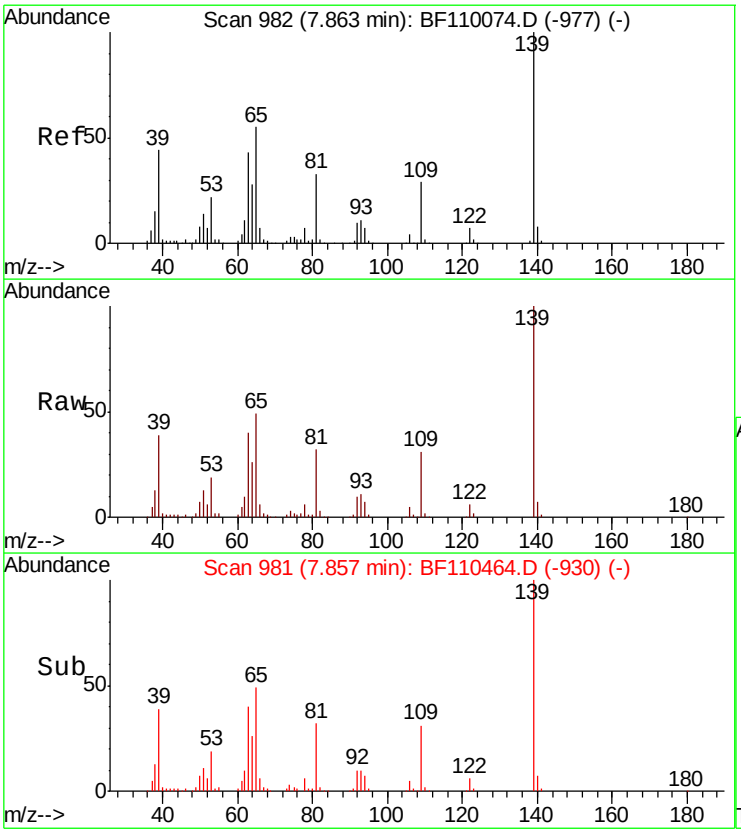

#25
Isophorone
Concen: 48.832 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion: 82 Resp: 549222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.7 | 8.5 |
| 138 | 18.5 | 13.2 | 19.8 |

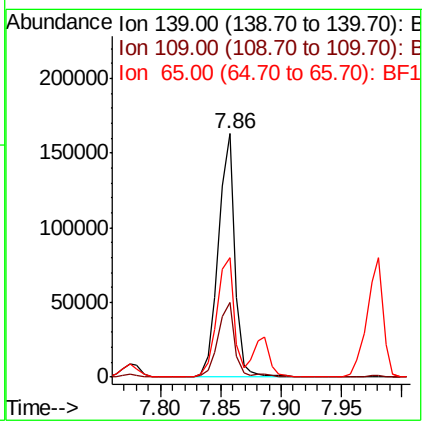


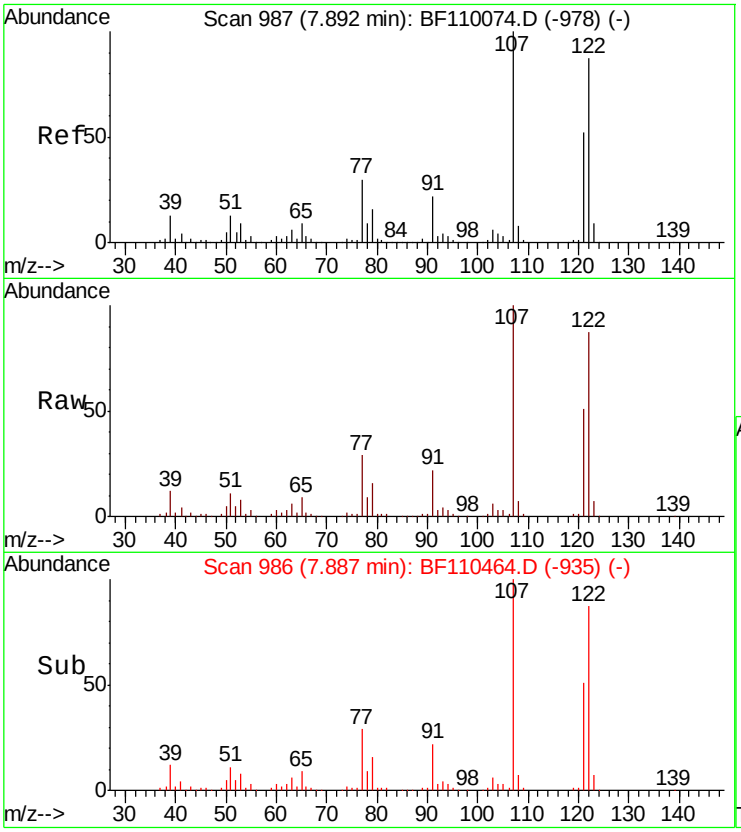




#26
2-Nitrophenol
Concen: 47.089 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:139 Resp: 152644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.6 | 25.0 | 37.6 |
| 65 | 49.1 | 44.0 | 66.0 |



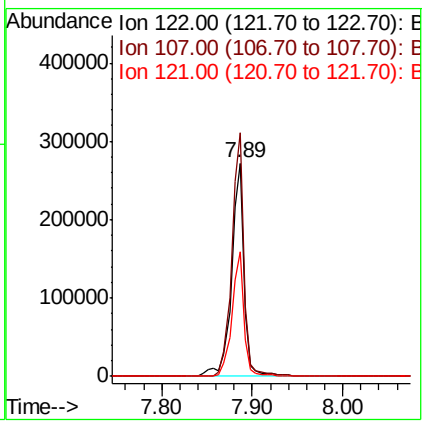


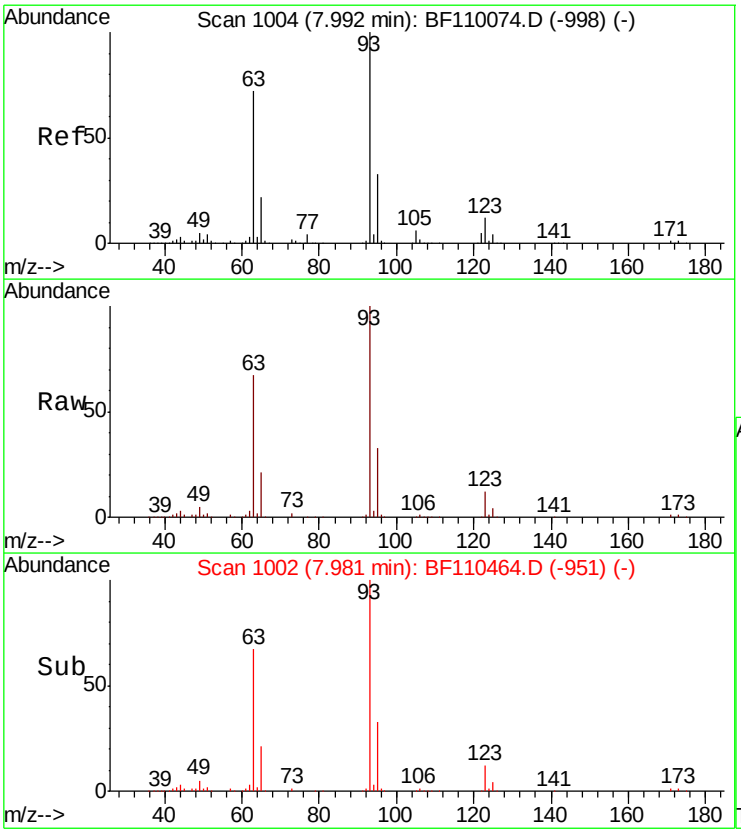

#27
2,4-Dimethylphenol
Concen: 49.462 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:122 Resp: 265827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 114.3 | 92.5 | 138.7 |
| 121 | 58.4 | 45.8 | 68.8 |

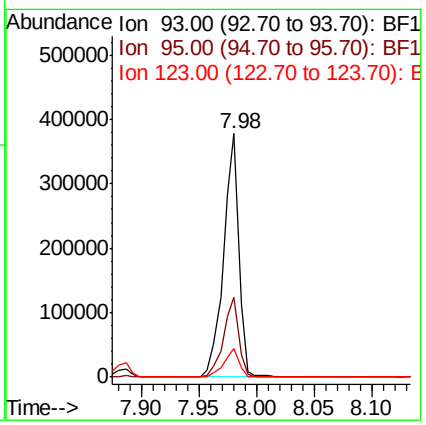


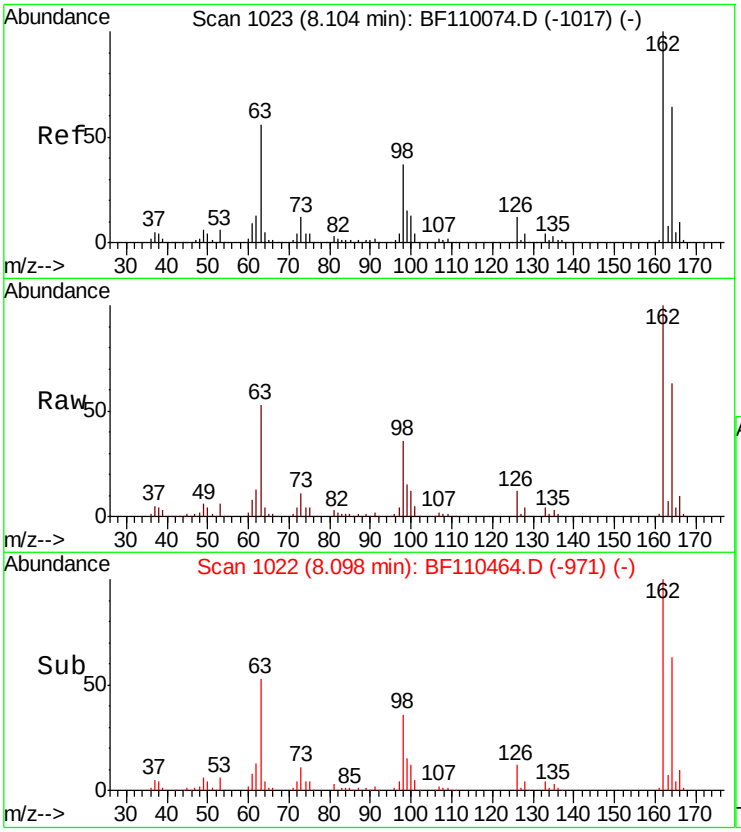




#28
bis(2-Chloroethoxy)methane
Concen: 45.275 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion: 93 Resp: 345926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.9 | 26.4 | 39.6 |
| 123 | 11.7 | 9.0 | 13.6 |



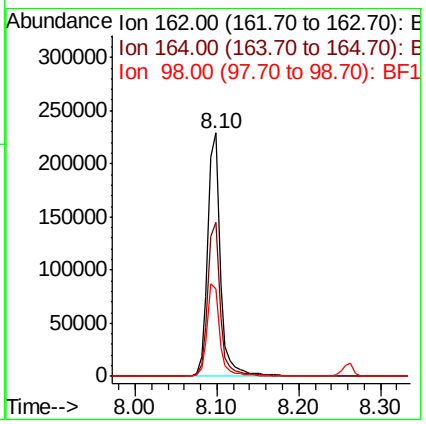


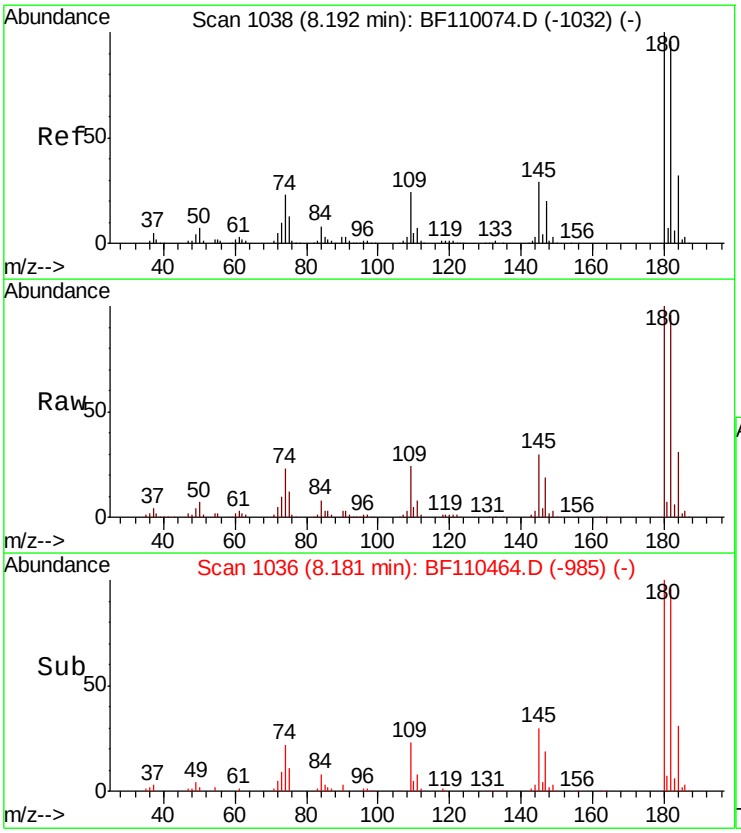

#29
2,4-Dichlorophenol
Concen: 45.353 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:162 Resp: 246254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.2 | 44.6 | 84.6 |
| 98 | 36.1 | 17.4 | 57.4 |

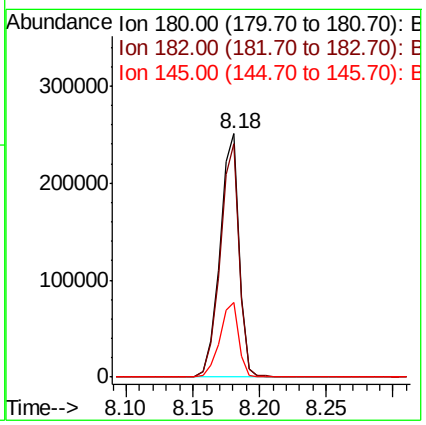


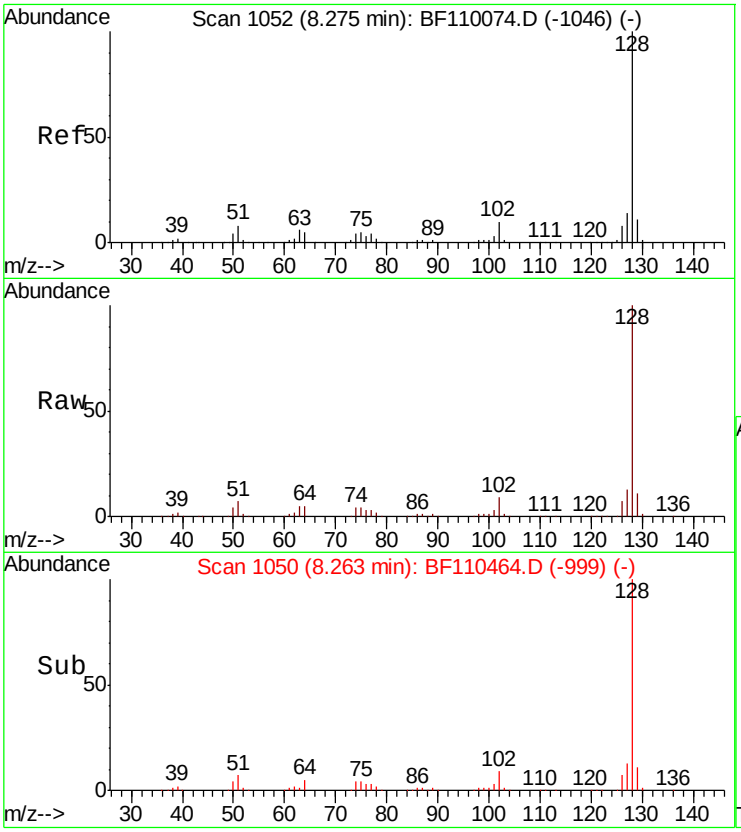




#30
1,2,4-Trichlorobenzene
Concen: 41.927 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:180 Resp: 254998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 80.3 | 120.5 |
| 145 | 30.5 | 25.4 | 38.0 |



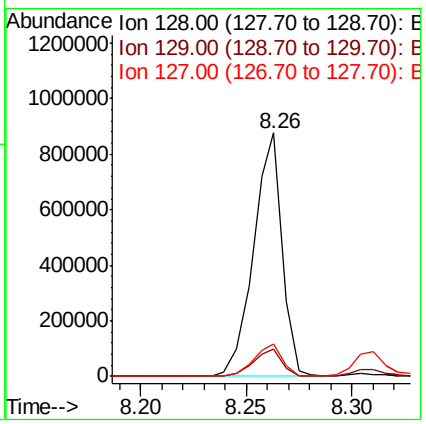


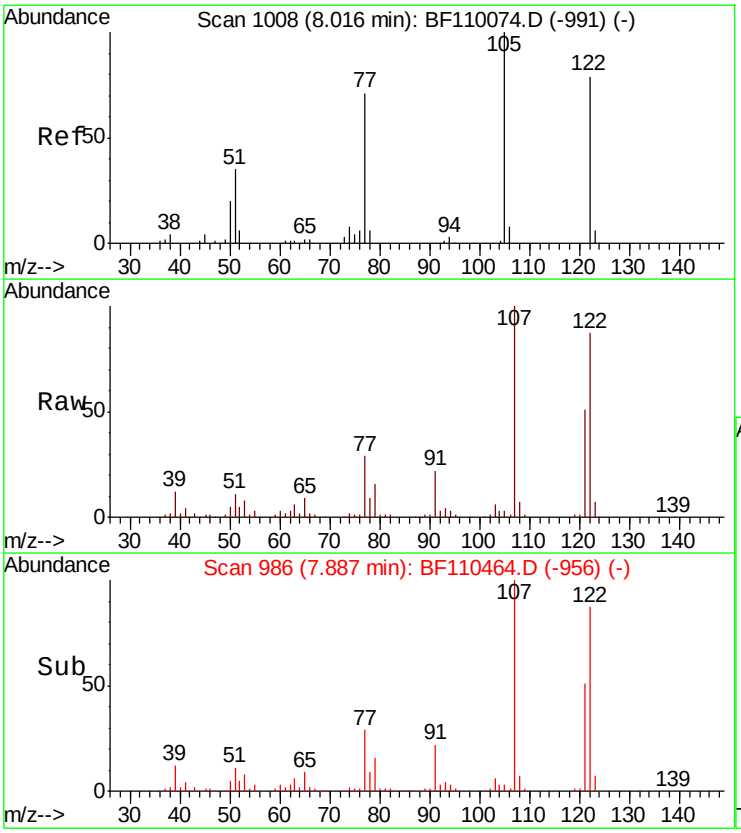

#31
Naphthalene
Concen: 45.794 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:128 Resp: 825977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.8 | 13.2 |
| 127 | 13.5 | 10.8 | 16.2 |

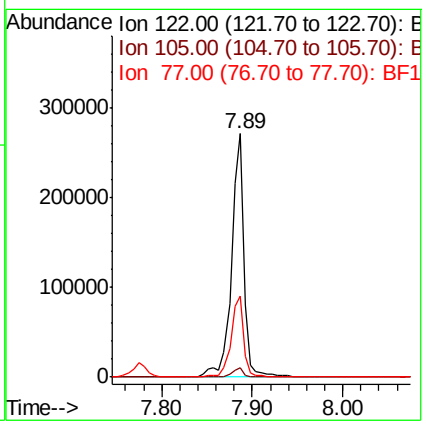


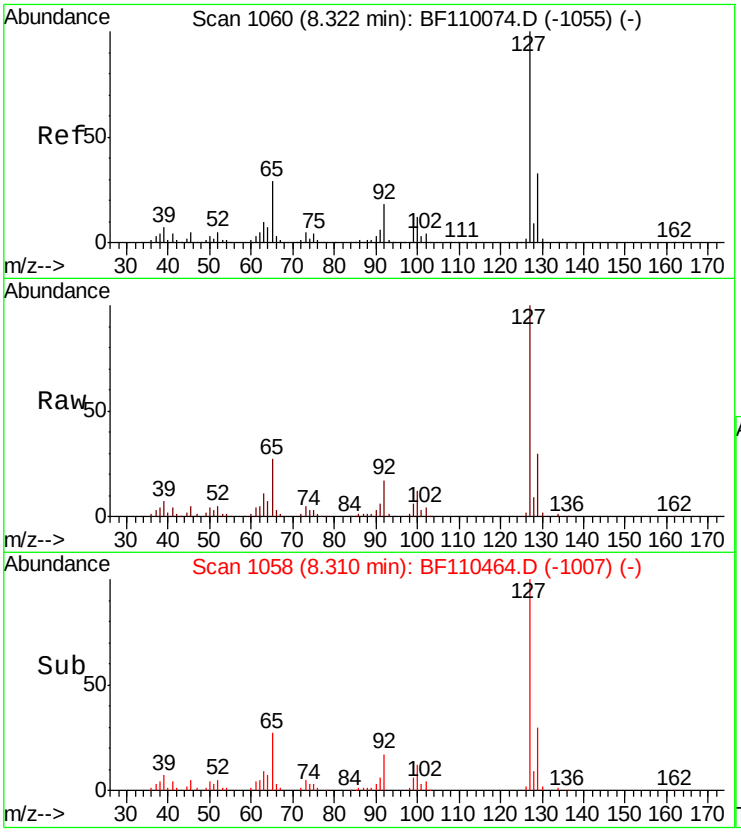




#32
Benzoic acid
Concen: 63.996 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.12 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:122 Resp: 265827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 3.7 | 109.0 | 149.0# |
| 77 | 33.2 | 79.0 | 119.0# |



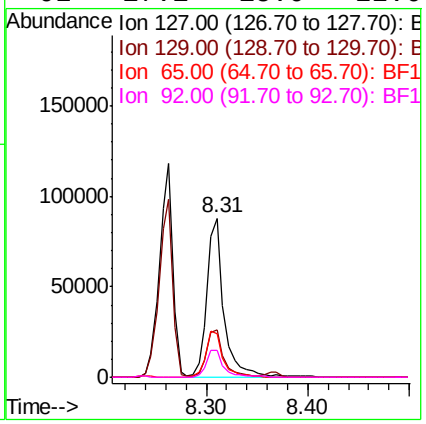


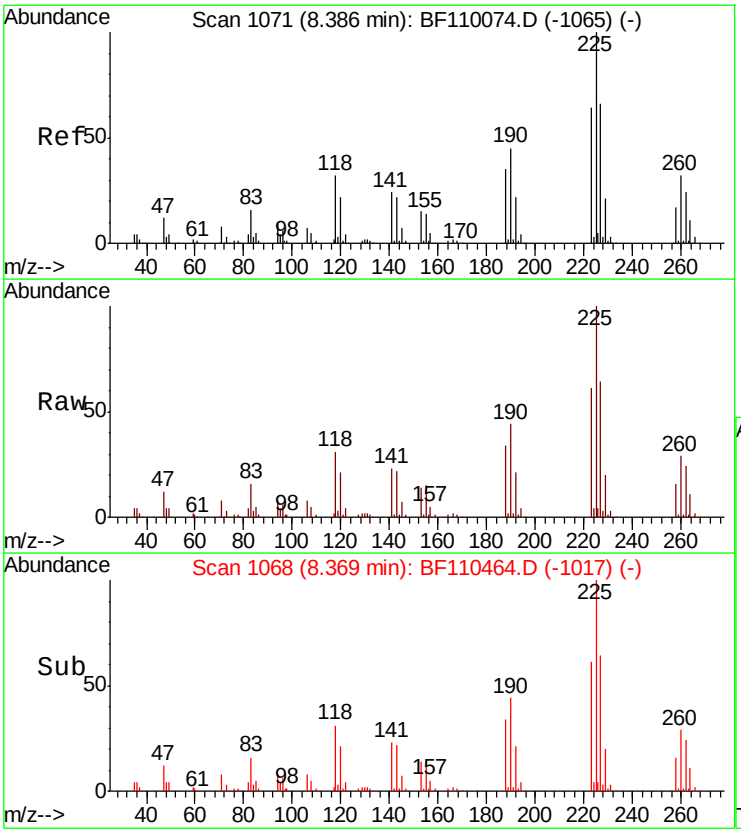

#33
4-Chloroaniline
Concen: 12.591 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:127 Resp: 102210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 29.9 | 26.0 | 39.0 |
| 65 | 27.4 | 25.1 | 37.7 |
| 92 | 17.1 | 15.0 | 22.6 |

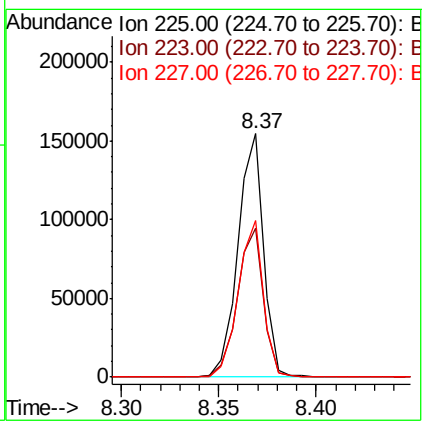


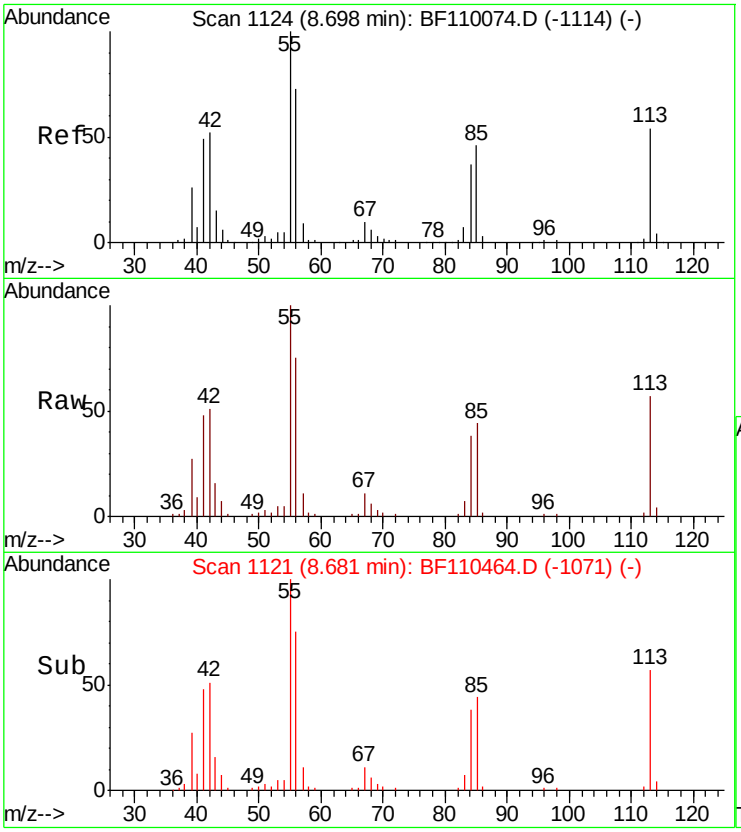




#34
Hexachlorobutadiene
Concen: 41.440 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:225 Resp: 139938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.3 | 51.4 | 77.2 |
| 227 | 64.2 | 51.0 | 76.6 |



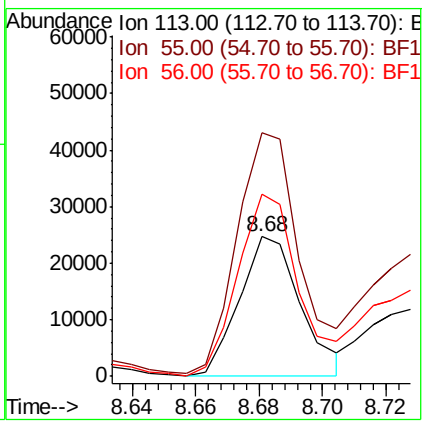


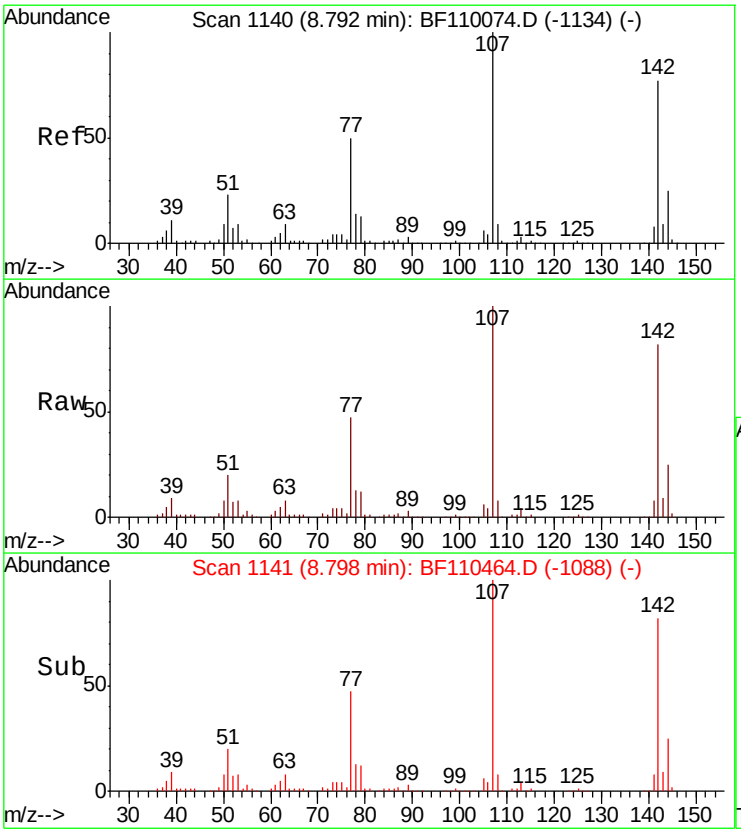

#35
Caprolactam
Concen: 17.514 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:113 Resp: 33144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 174.1 | 142.8 | 182.8 |
| 56 | 129.8 | 105.0 | 145.0 |

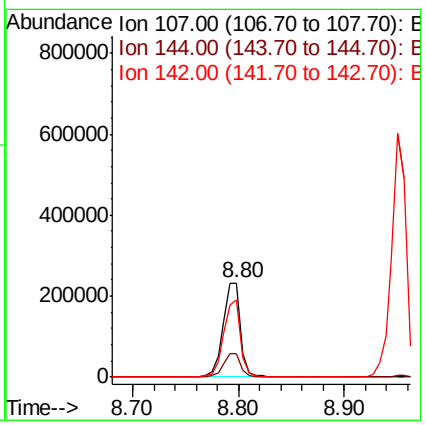


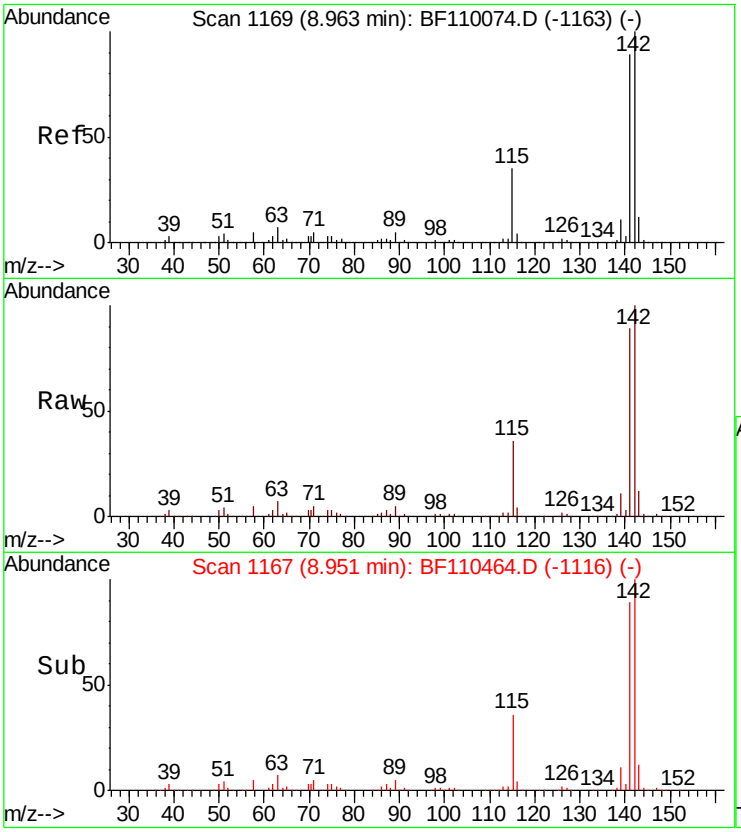




#36
4-Chloro-3-methylphenol
Concen: 45.638 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:107 Resp: 267965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.4 | 20.0 | 30.0 |
| 142 | 81.8 | 59.7 | 89.5 |

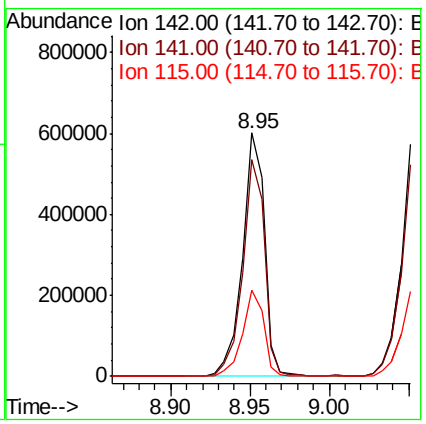




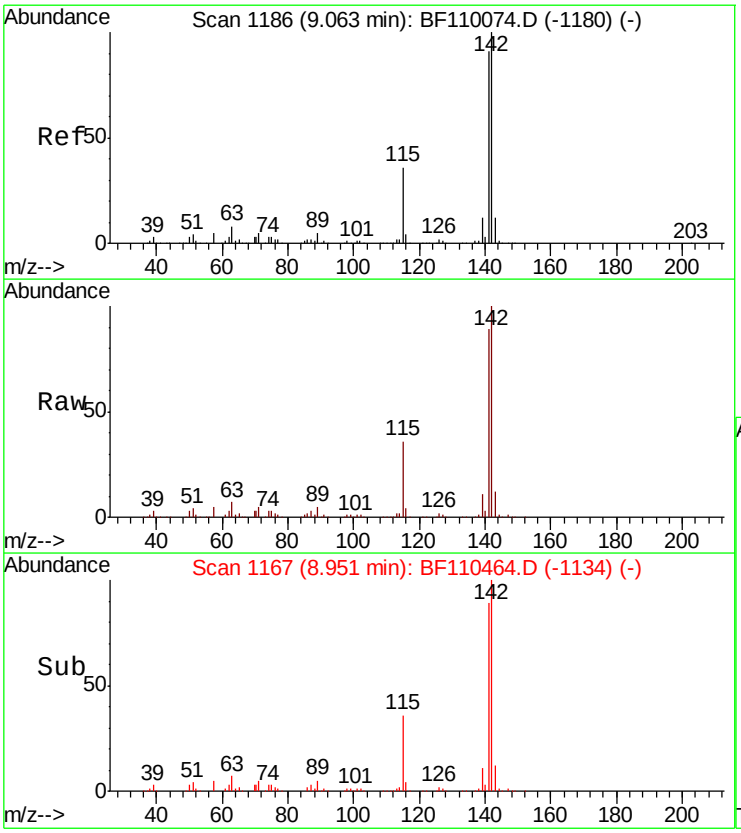

#37
2-Methylnaphthalene
Concen: 48.215 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:142 Resp: 575394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.0 | 71.4 | 107.2 |
| 115 | 35.6 | 28.7 | 43.1 |



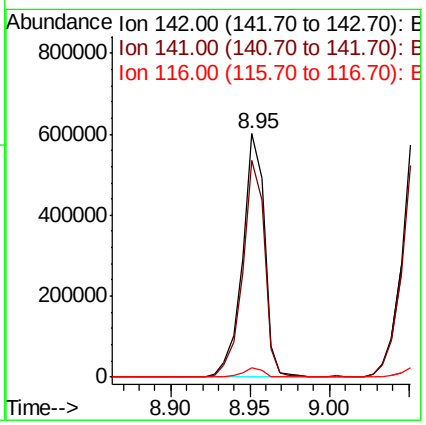

**Instrument :**
BNA_F
**ClientSampleId :**

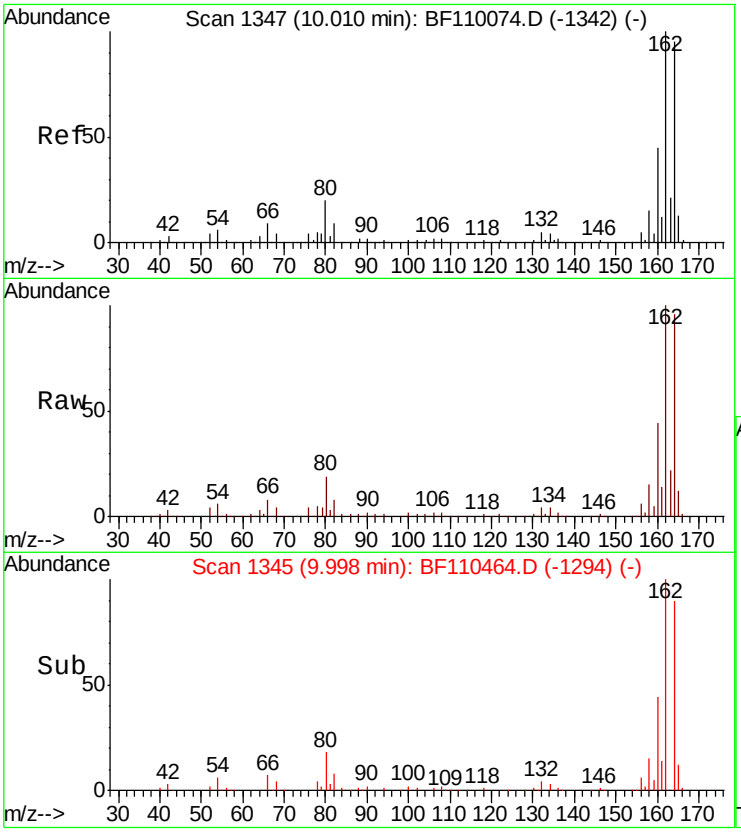



#38
1-Methylnaphthalene
Concen: 49.894 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.11 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:142 Resp: 575394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.0 | 74.2 | 111.4 |
| 116 | 3.8 | 2.6 | 4.0 |



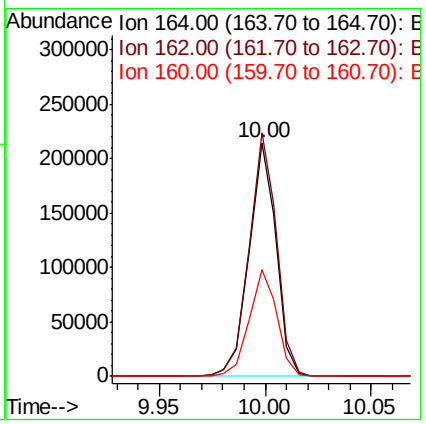


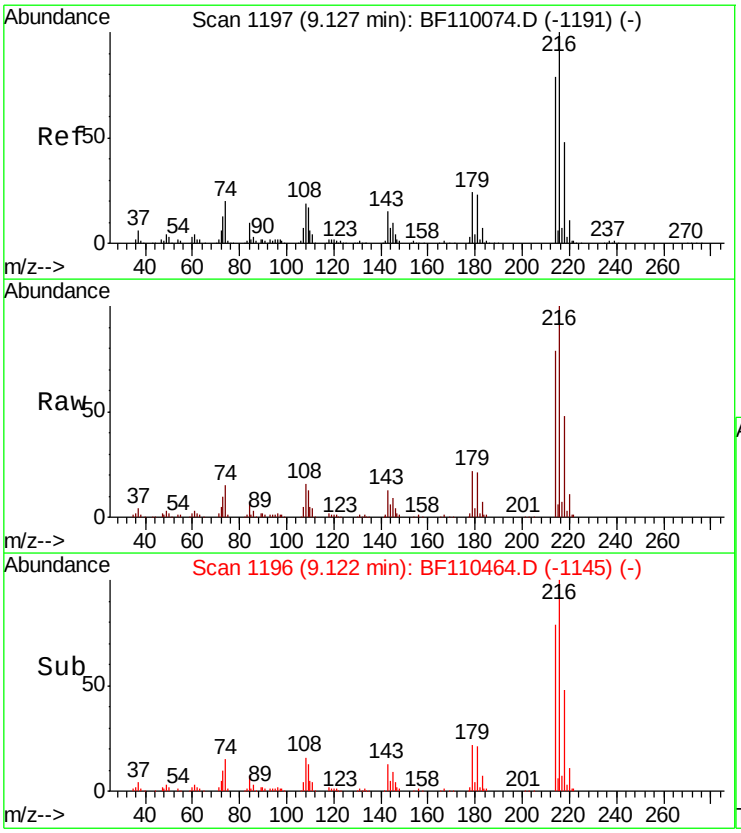

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:164 Resp: 191442

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.1 | 83.0 | 124.6 |
| 160 | 45.7 | 37.0 | 55.6 |

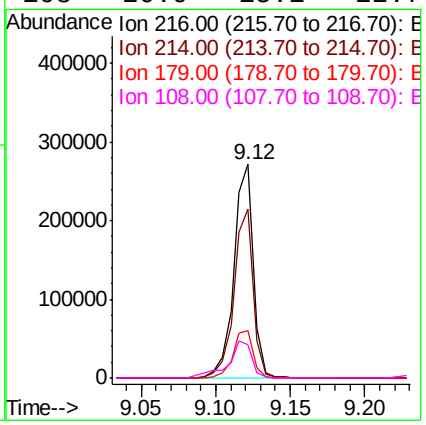


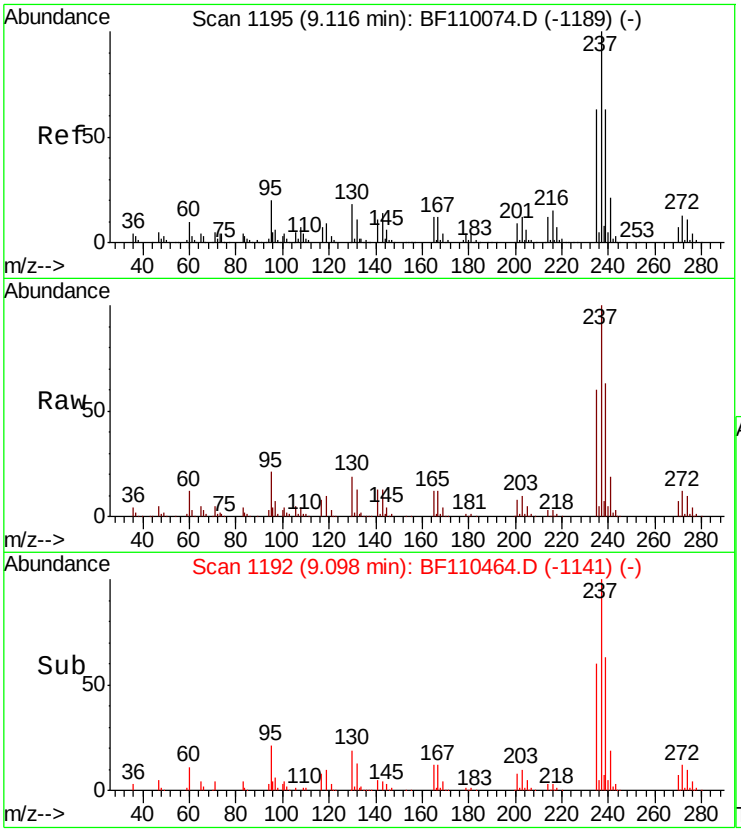




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.454 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:216 Resp: 247272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.8 | 63.8 | 95.6 |
| 179 | 23.0 | 16.6 | 25.0 |
| 108 | 20.9 | 15.1 | 22.7 |



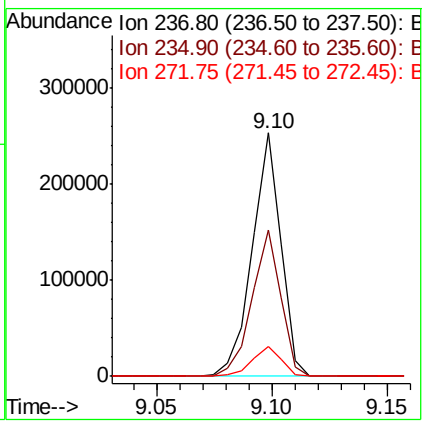


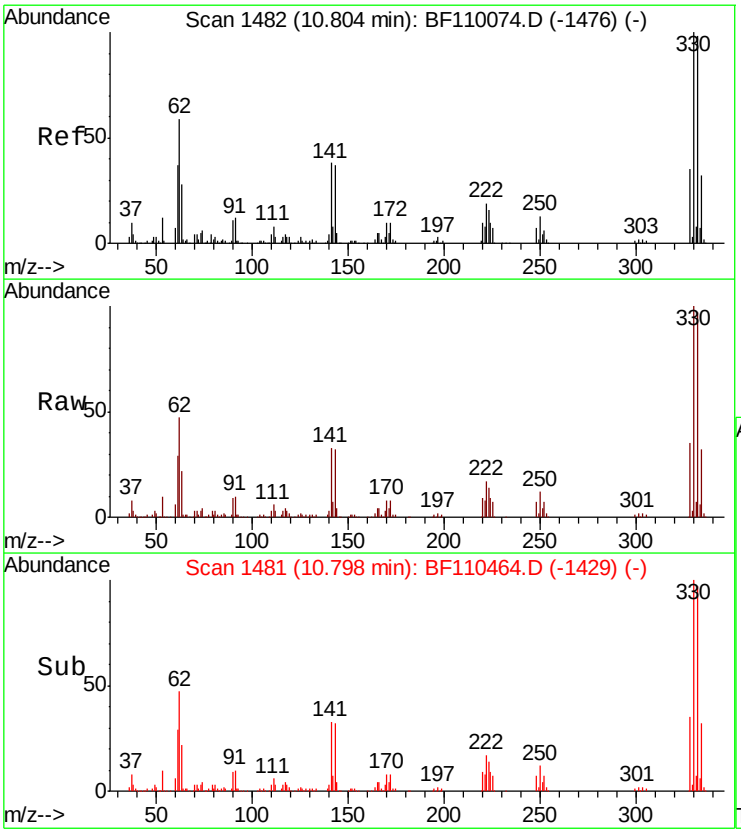

#41
Hexachlorocyclopentadiene
Concen: 71.912 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:237 Resp: 219338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 59.9 | 43.1 | 83.1 |
| 272 | 12.2 | 0.0 | 32.6 |

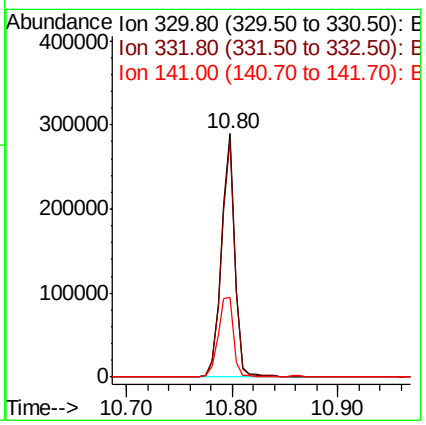


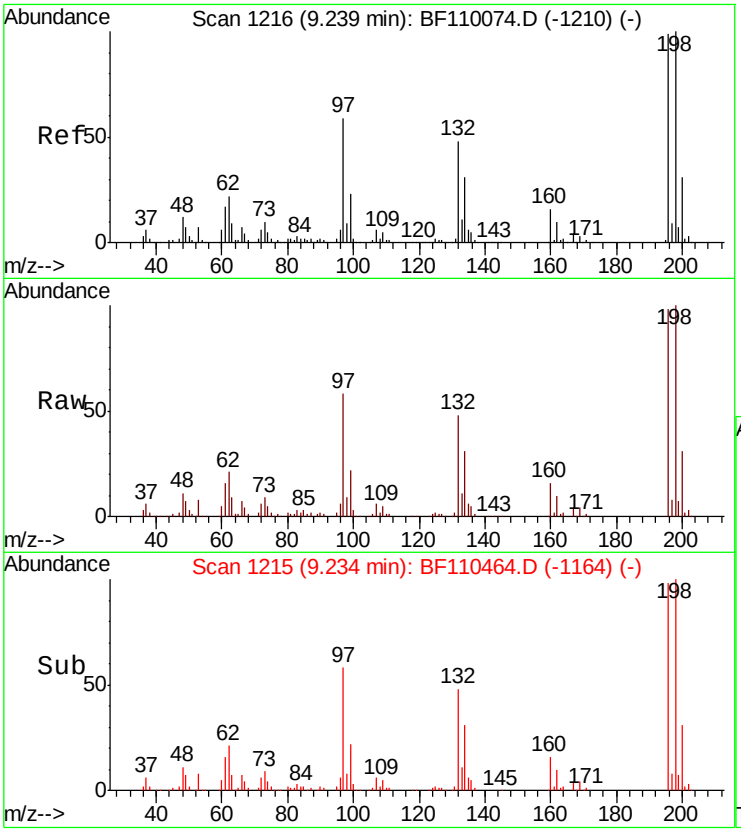




#42
2,4,6-Tribromophenol
Concen: 136.644 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:330 Resp: 259127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 77.1 | 115.7 |
| 141 | 38.0 | 27.0 | 40.4 |



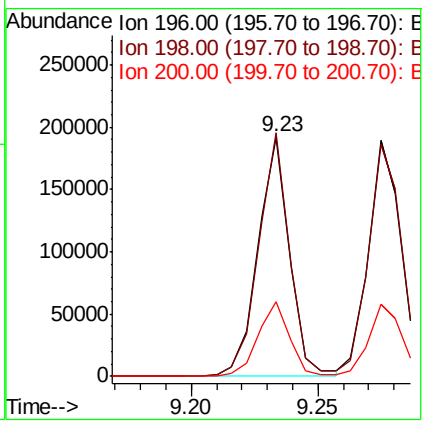


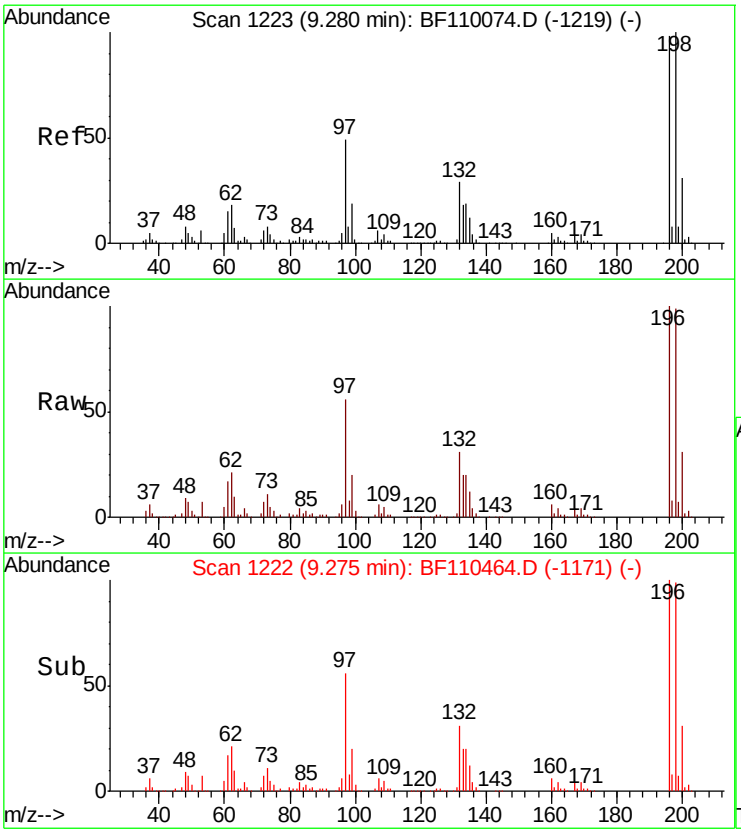

#43
2,4,6-Trichlorophenol
Concen: 43.663 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:196 Resp: 167987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.9 | 76.2 | 114.4 |
| 200 | 31.4 | 24.4 | 36.6 |

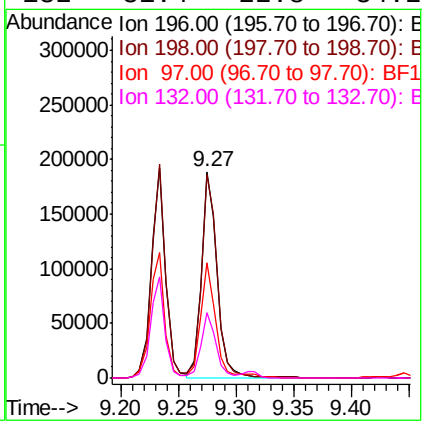


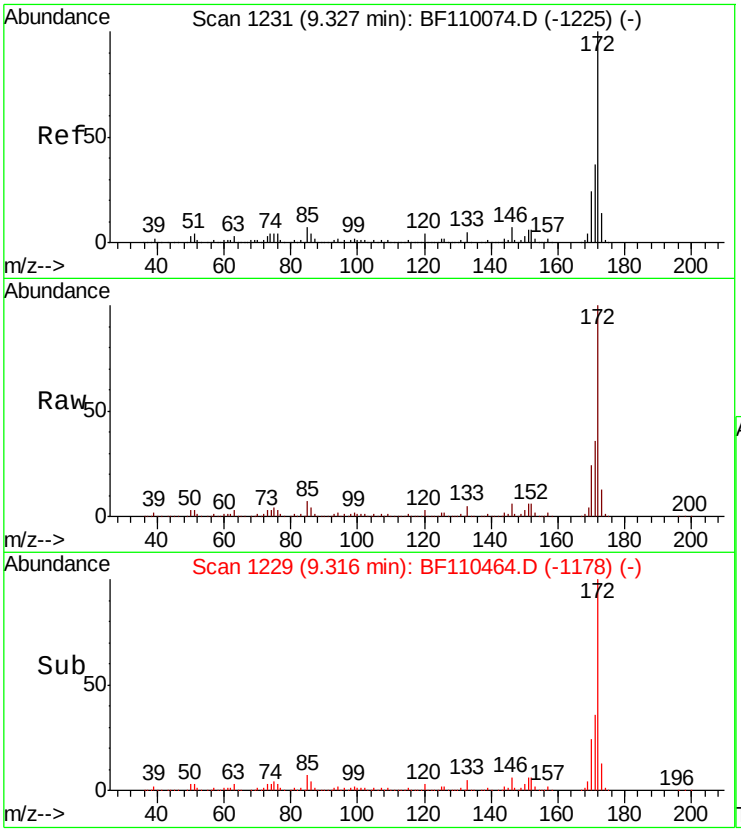




#44
2,4,5-Trichlorophenol
Concen: 44.481 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:196 Resp: 180893

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 98.7 | 75.8 | 113.6 |
| 97 | 56.0 | 42.4 | 63.6 |
| 132 | 31.4 | 22.8 | 34.2 |



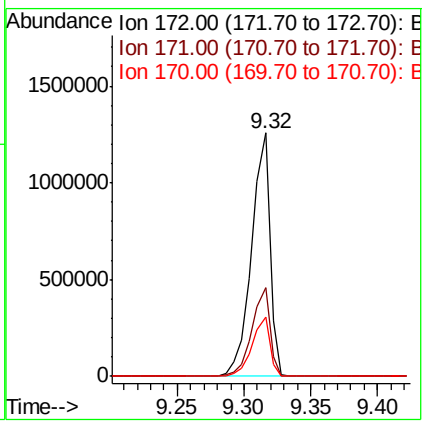


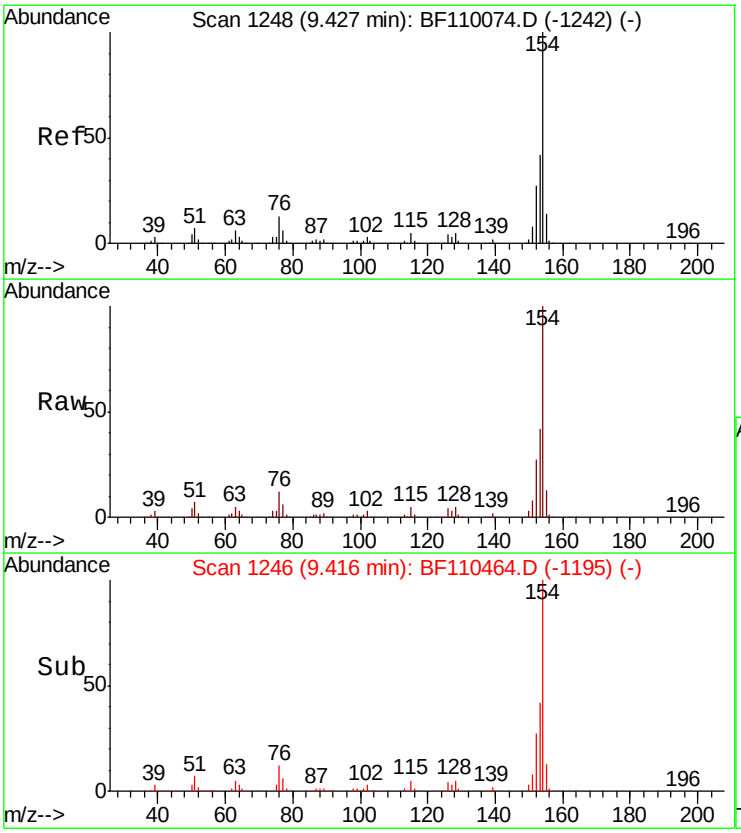

#45
2-Fluorobiphenyl
Concen: 96.916 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:172 Resp: 1181580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 28.6 | 43.0 |
| 170 | 24.2 | 19.7 | 29.5 |

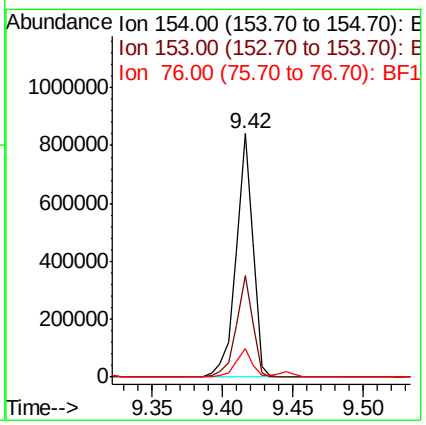


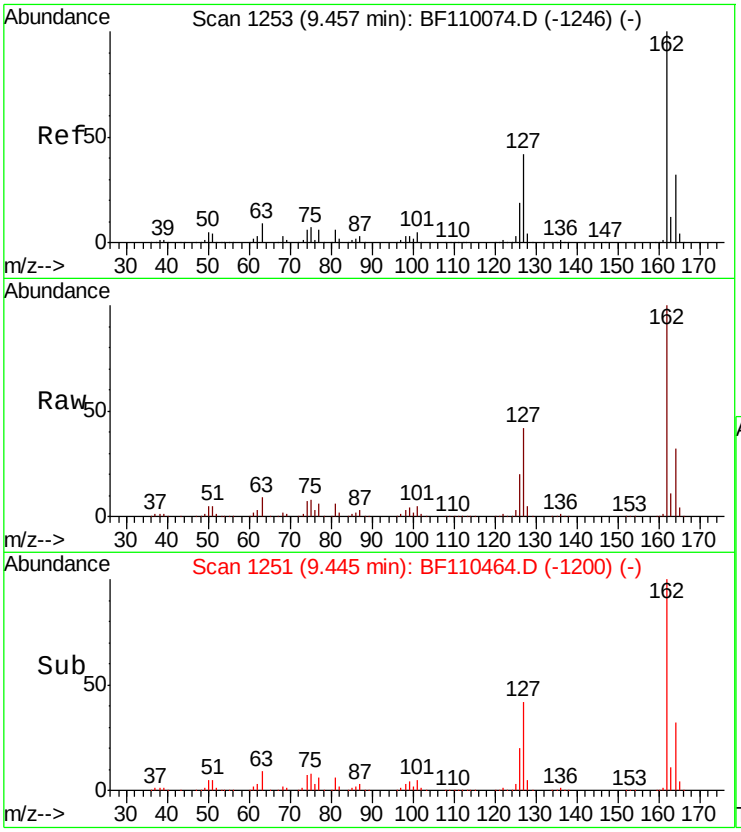




#46
1,1'-Biphenyl
Concen: 40.151 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:154 Resp: 695092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.8 | 20.4 | 60.4 |
| 76 | 11.7 | 0.0 | 31.9 |



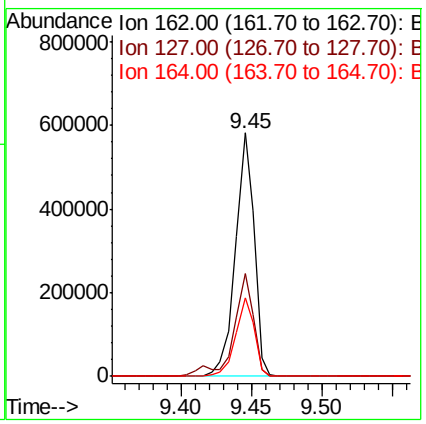


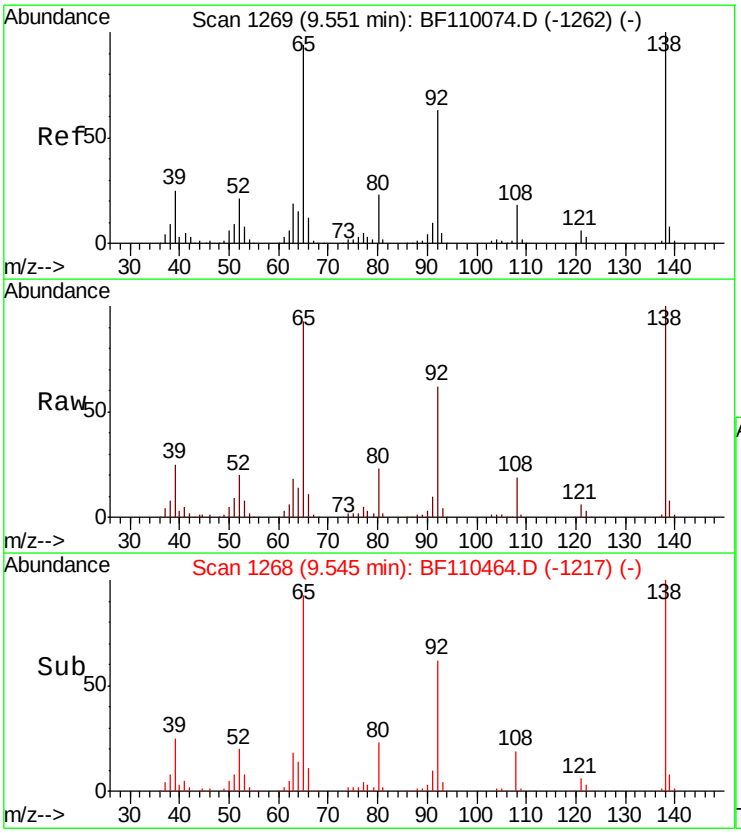

#47
2-Chloronaphthalene
Concen: 42.197 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:162 Resp: 535859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 42.1 | 32.6 | 48.8 |
| 164 | 32.2 | 25.9 | 38.9 |

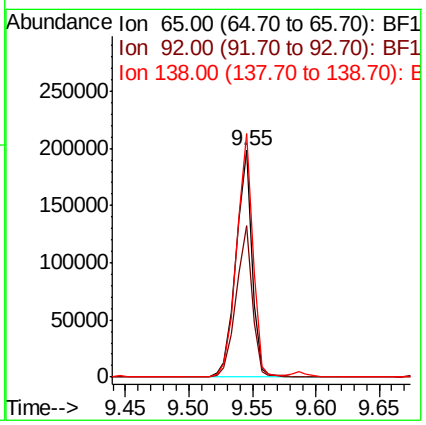


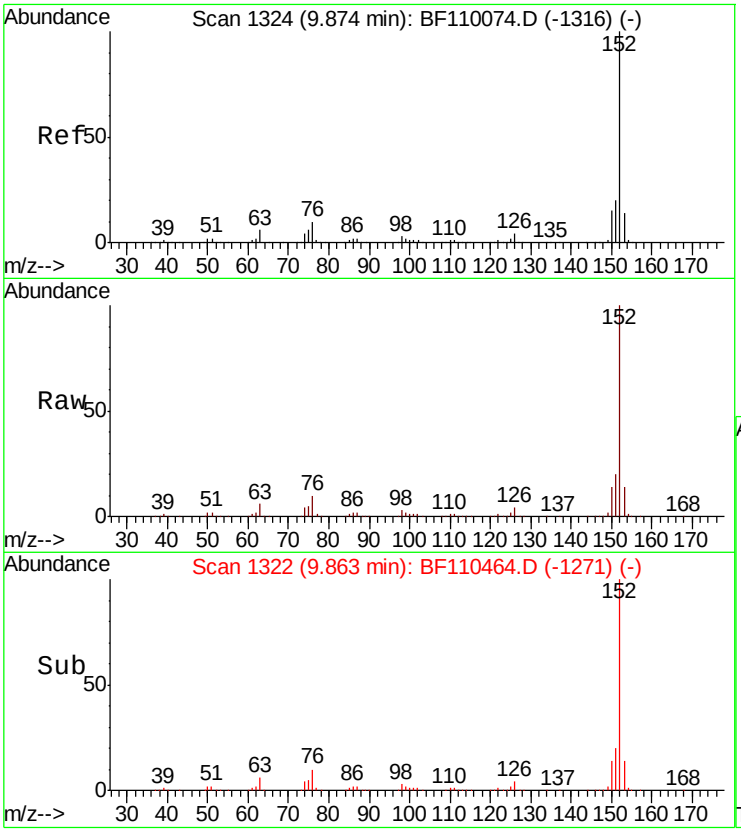




#48
2-Nitroaniline
Concen: 44.615 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion: 65 Resp: 171687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 67.1 | 54.6 | 81.8 |
| 138 | 107.6 | 80.3 | 120.5 |



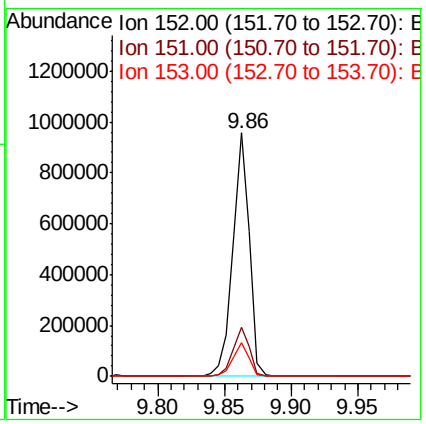


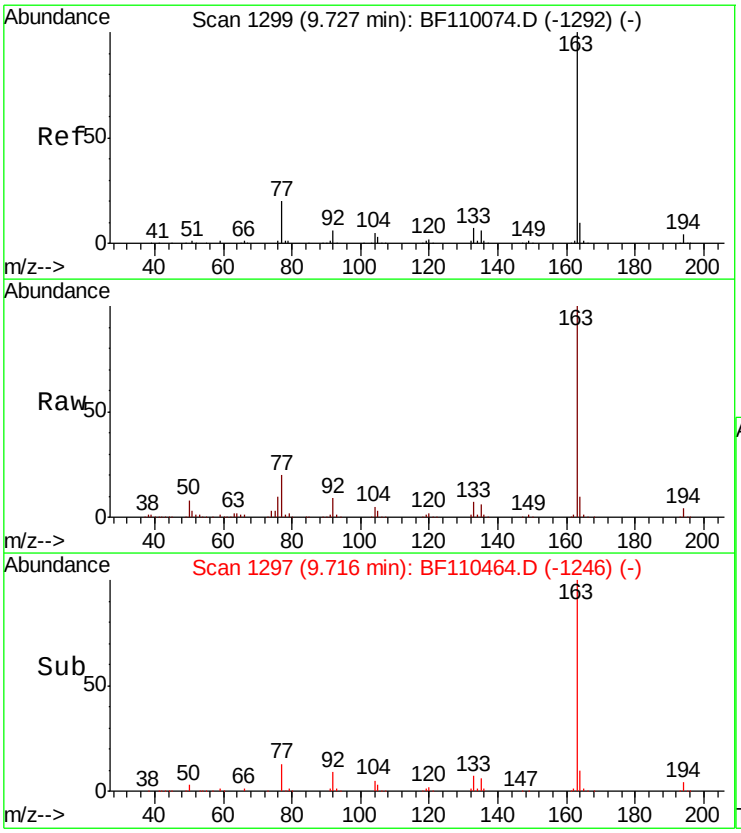

#49
Acenaphthylene
Concen: 45.501 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:152 Resp: 834555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 15.8 | 23.8 |
| 153 | 13.7 | 10.4 | 15.6 |

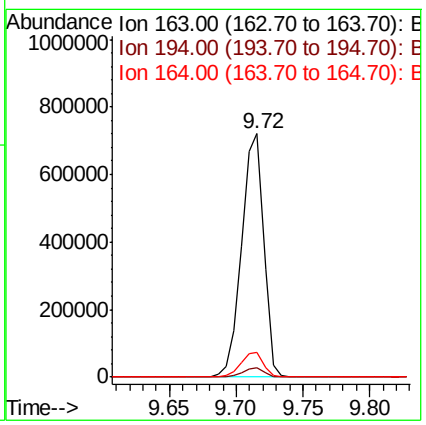


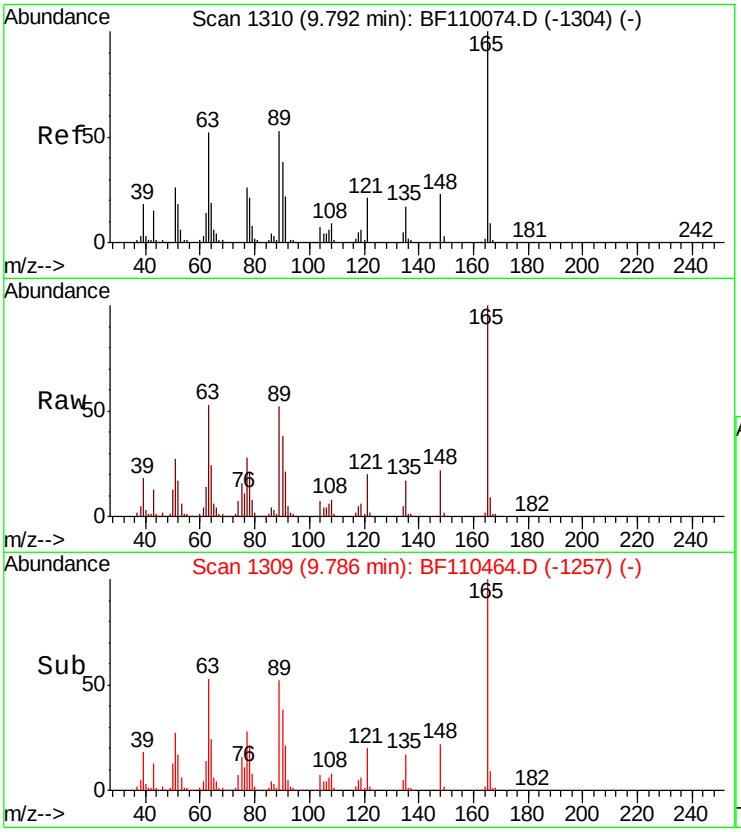




#50
Dimethylphthalate
Concen: 57.954 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:163 Resp: 818994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.2 | 4.8 |
| 164 | 10.1 | 8.1 | 12.1 |



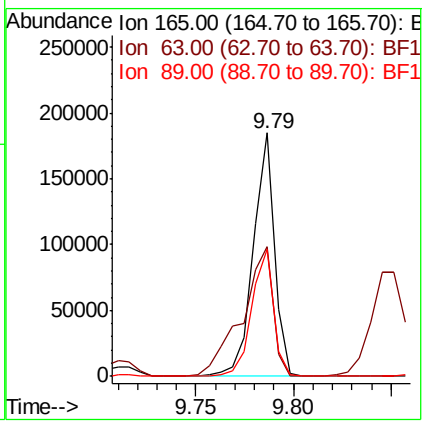


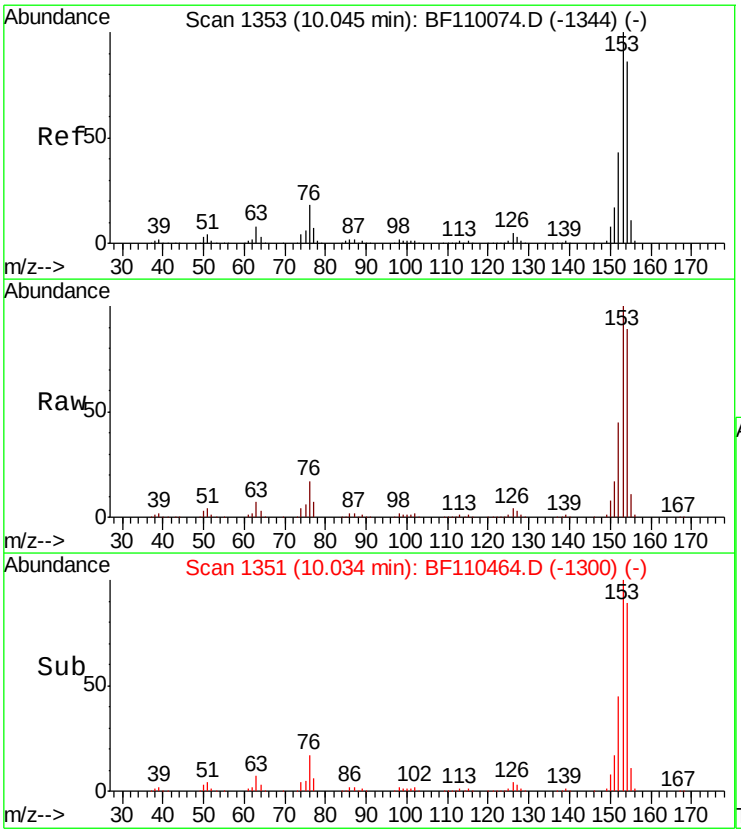

#51
2,6-Dinitrotoluene
Concen: 45.815 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:165 Resp: 139462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 53.1 | 48.9 | 73.3 |
| 89 | 52.2 | 46.6 | 69.8 |

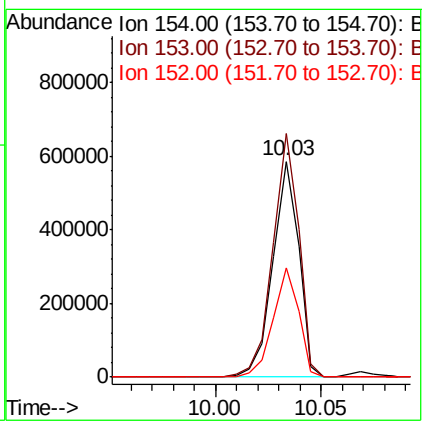


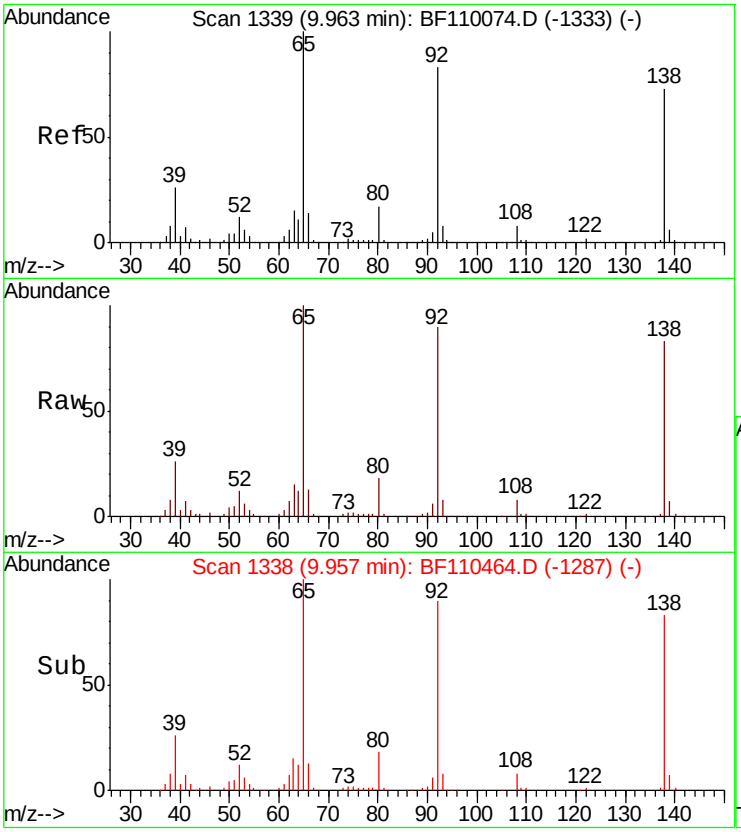




#52
Acenaphthene
Concen: 41.333 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:154 Resp: 501534

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.9 | 90.1 | 135.1 |
| 152 | 50.9 | 43.4 | 65.2 |



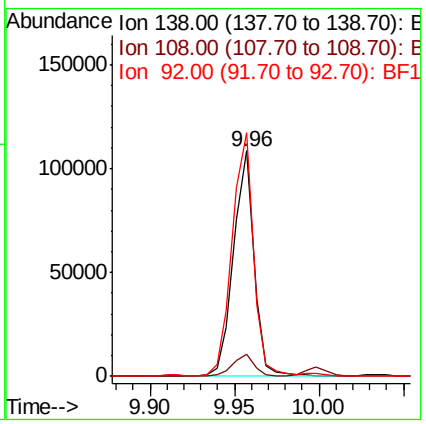


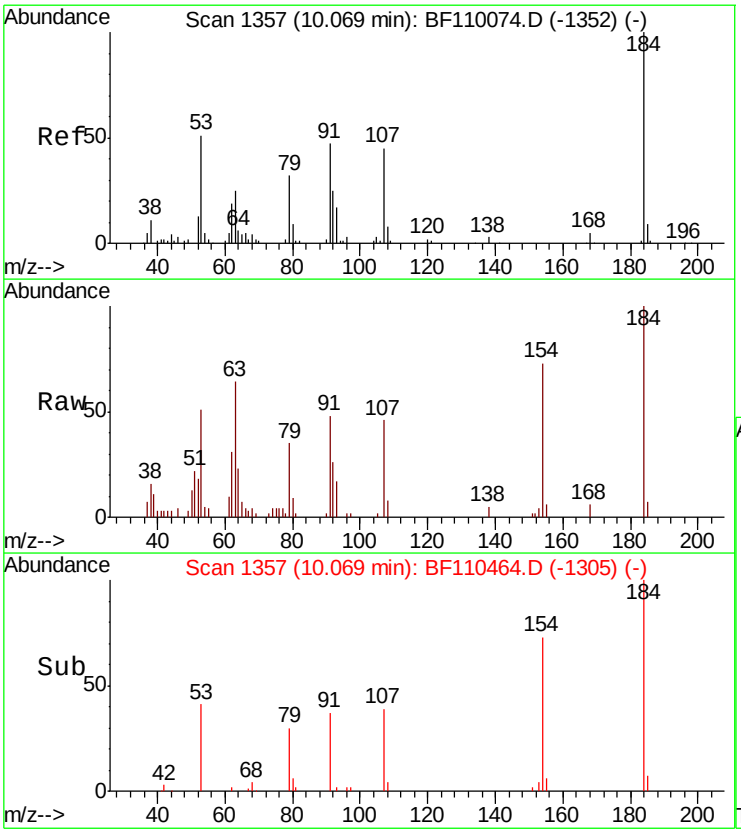

#53
3-Nitroaniline
Concen: 25.423 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:138 Resp: 92029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.1 | 8.7 | 13.1 |
| 92 | 107.9 | 97.0 | 145.4 |

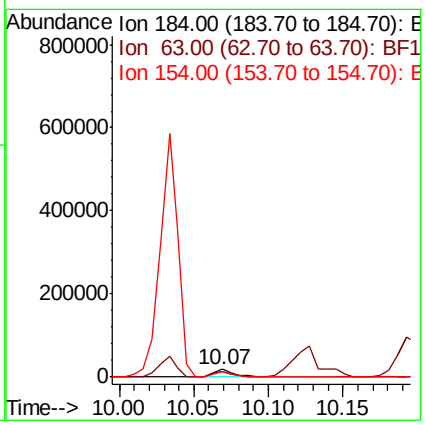


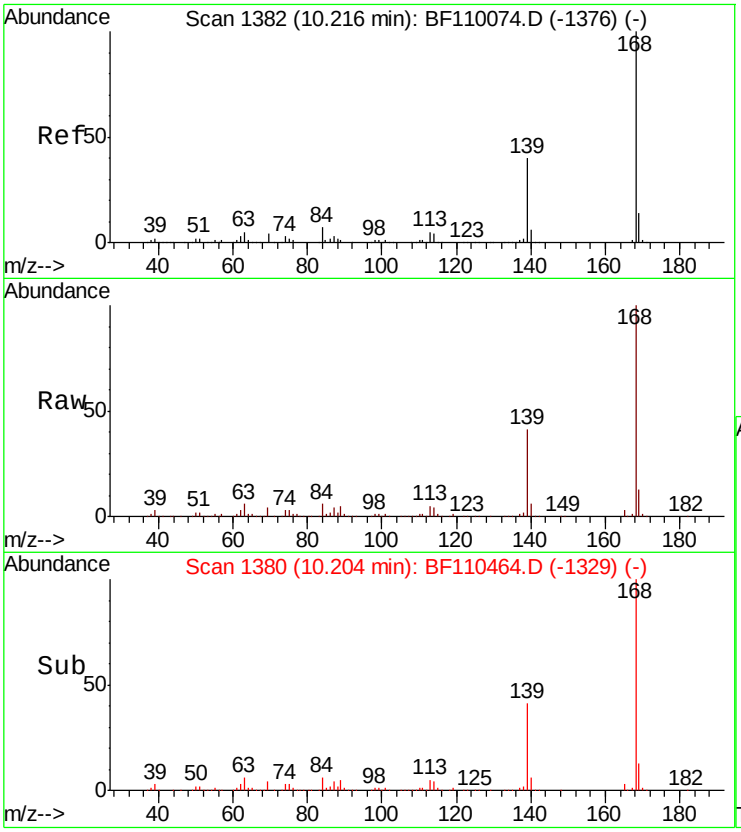




#54
2,4-Dinitrophenol
Concen: 20.534 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:184 Resp: 19839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 63.9 | 55.8 | 83.6 |
| 154 | 73.0 | 63.2 | 94.8 |



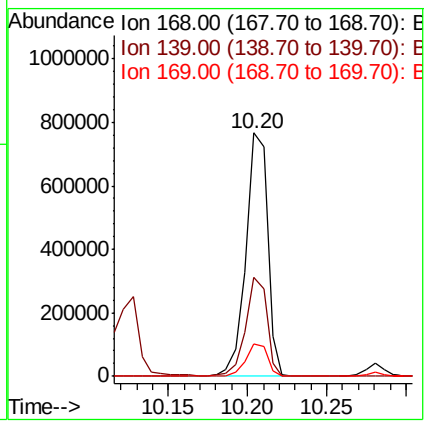


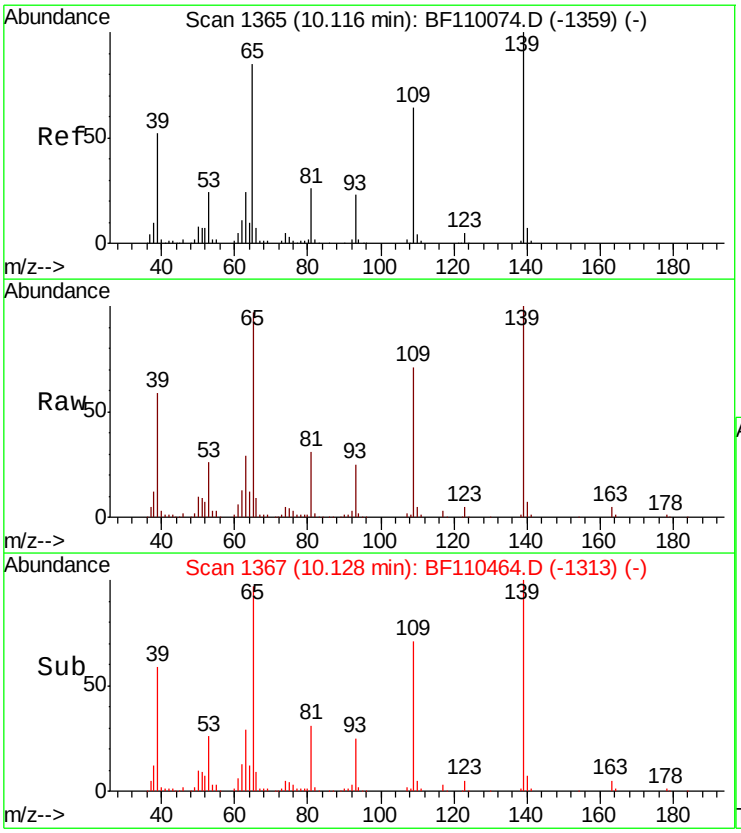

#55
Dibenzofuran
Concen: 42.942 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:168 Resp: 729529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.8 | 33.0 | 49.6 |
| 169 | 13.4 | 11.3 | 16.9 |

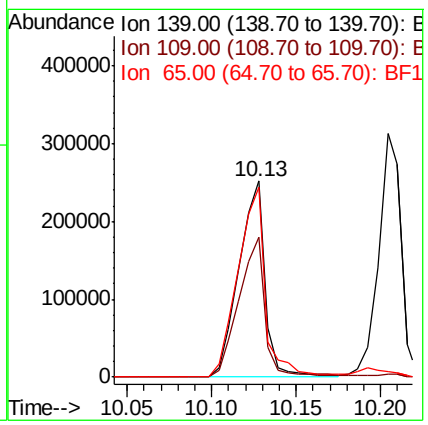


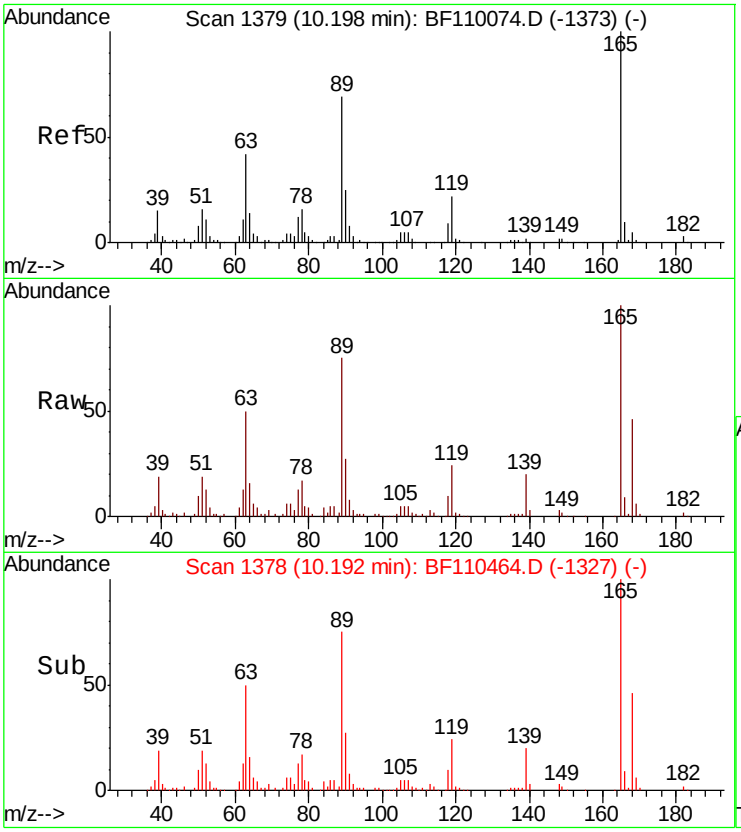




#56
4-Nitrophenol
Concen: 102.260 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:139 Resp: 273972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 71.3 | 55.8 | 95.8 |
| 65 | 96.9 | 77.9 | 117.9 |



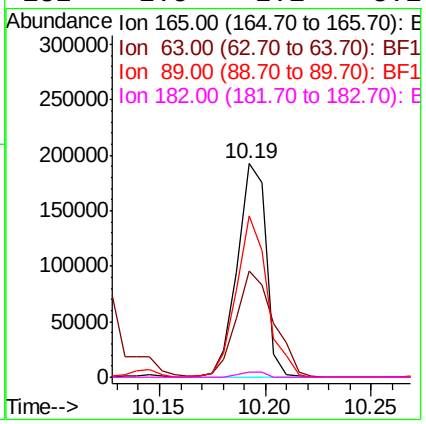


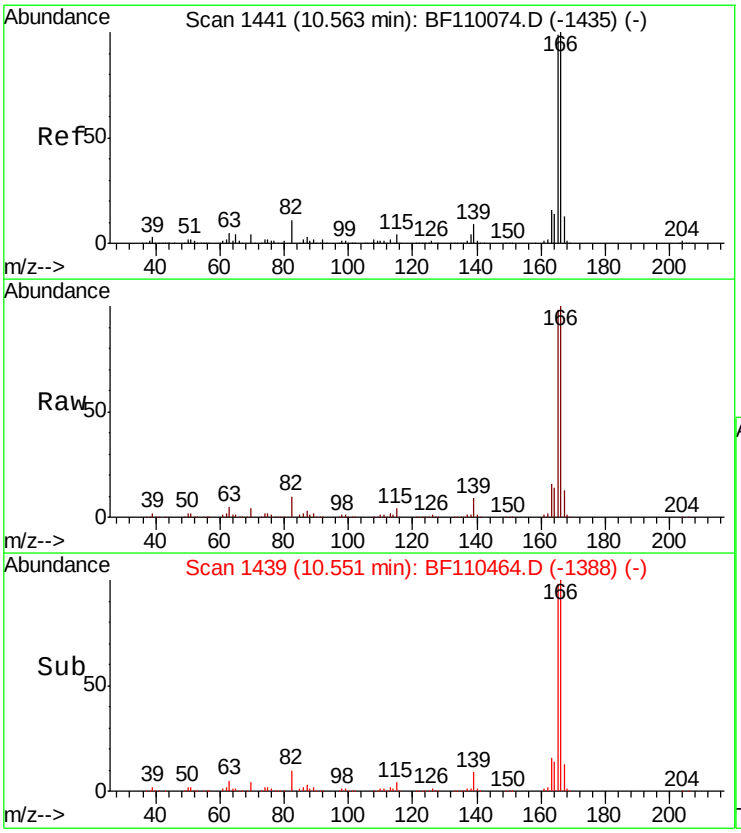

#57
2,4-Dinitrotoluene
Concen: 46.983 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:165 Resp: 181660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.0 | 44.8 | 67.2 |
| 89 | 75.3 | 62.2 | 93.4 |
| 182 | 2.5 | 2.1 | 3.1 |

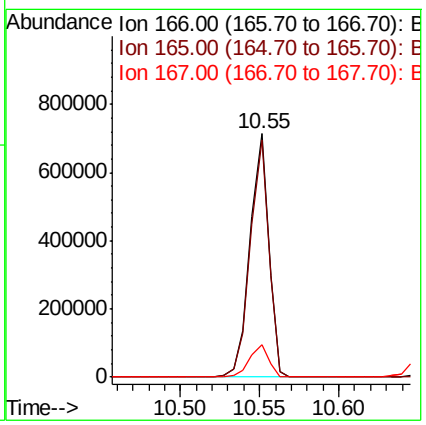


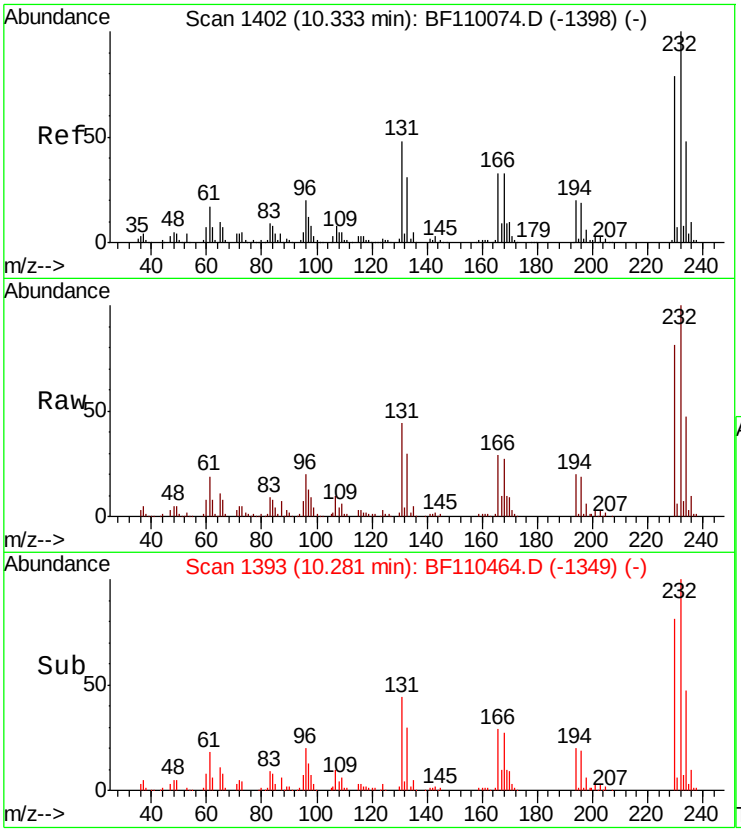




#58
Fluorene
Concen: 46.594 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:166 Resp: 589119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.6 | 78.6 | 117.8 |
| 167 | 13.4 | 10.8 | 16.2 |



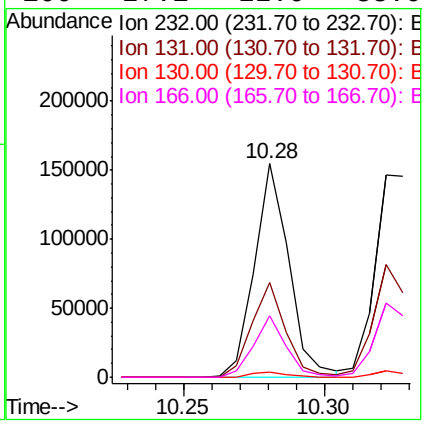


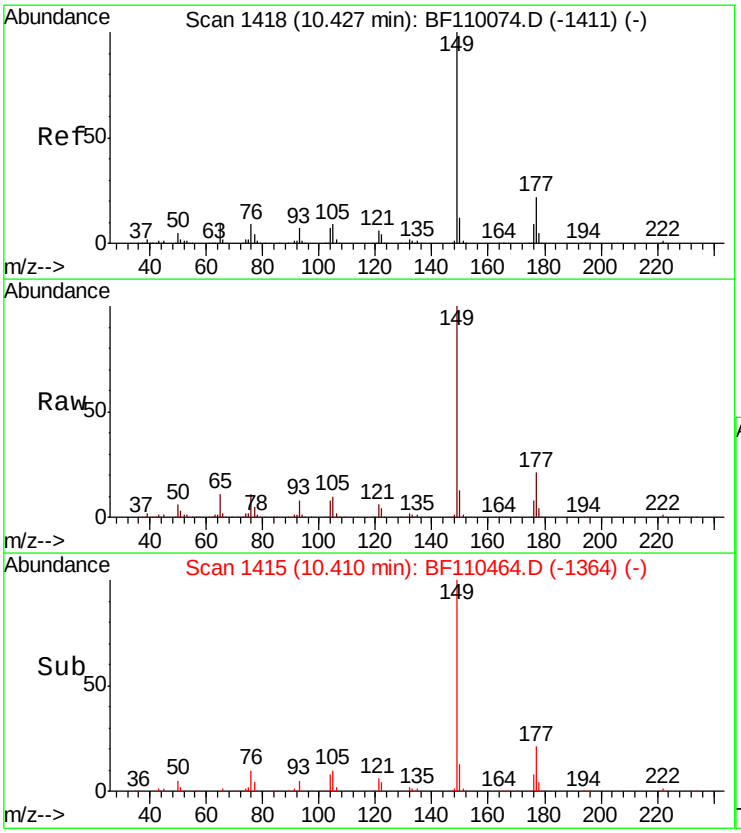

#59
2,3,4,6-Tetrachlorophenol
Concen: 39.492 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.04 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:232 Resp: 130905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.8 | 37.0 | 55.4 |
| 130 | 2.4 | 1.8 | 2.6 |
| 166 | 27.1 | 22.0 | 33.0 |

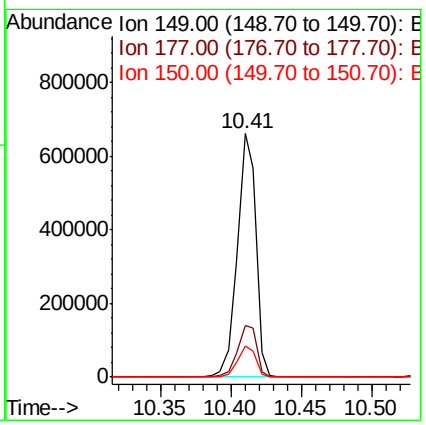


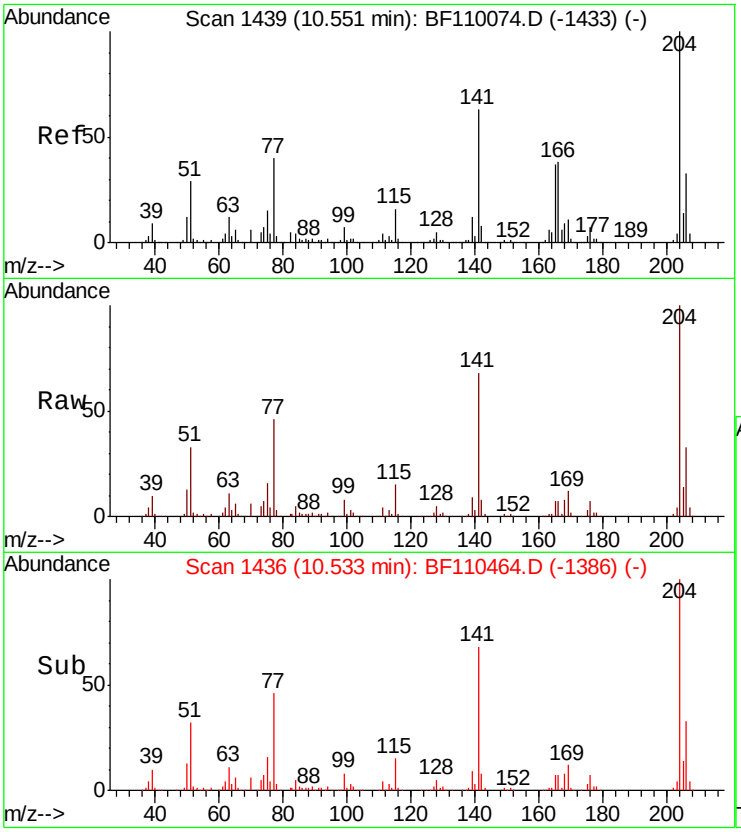




#60
Diethylphthalate
Concen: 43.724 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:149 Resp: 603173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.2 | 17.4 | 26.2 |
| 150 | 12.8 | 9.8 | 14.8 |



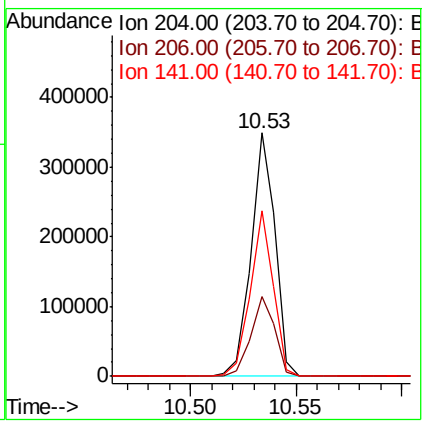


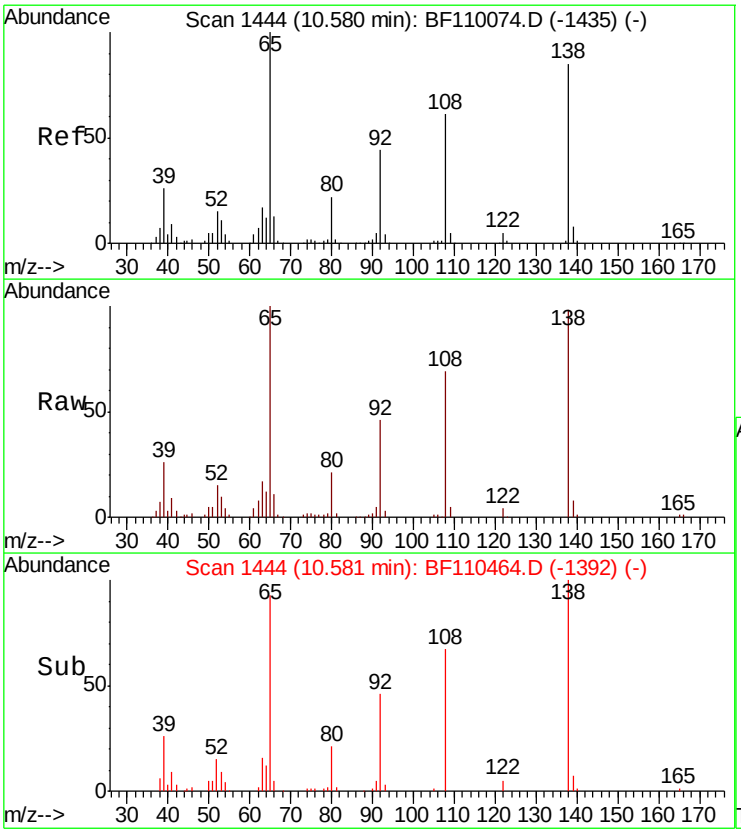

#61
4-Chlorophenyl-phenylether
Concen: 41.437 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:204 Resp: 276382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.6 | 26.5 | 39.7 |
| 141 | 68.1 | 51.8 | 77.8 |

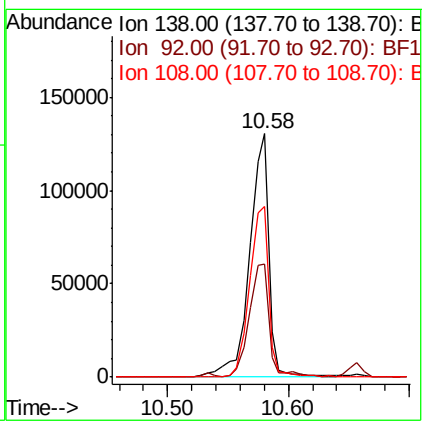


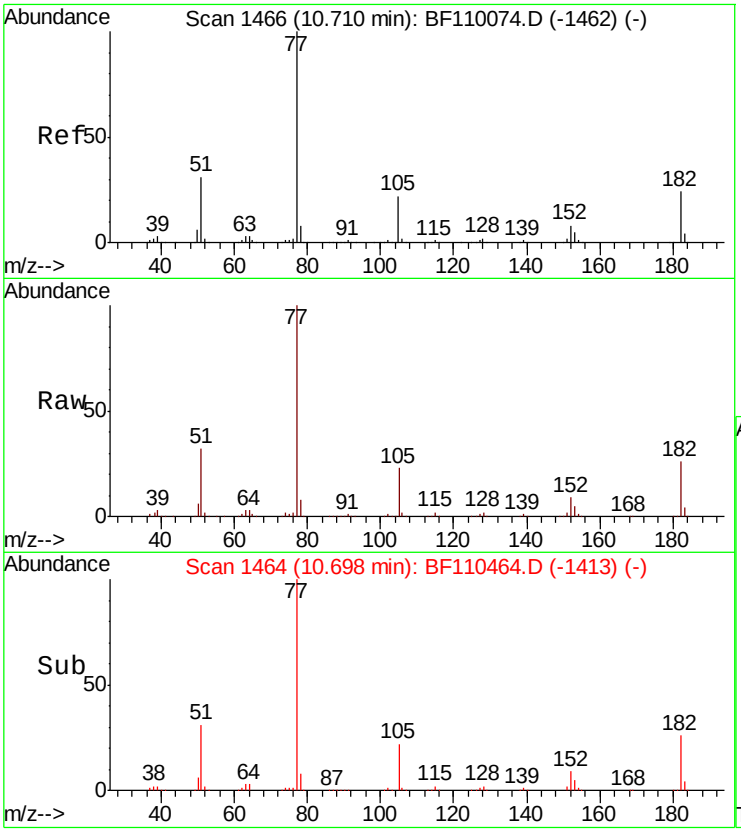




#62
4-Nitroaniline
Concen: 40.658 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:138 Resp: 146384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 46.4 | 31.7 | 71.7 |
| 108 | 69.8 | 59.3 | 99.3 |



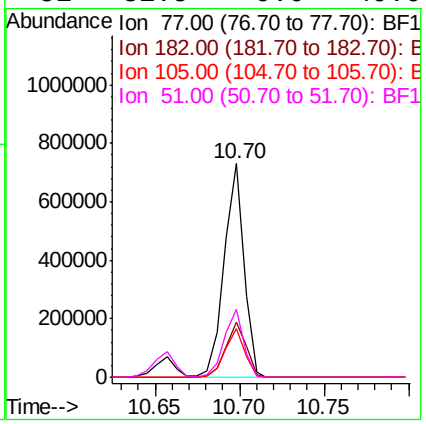


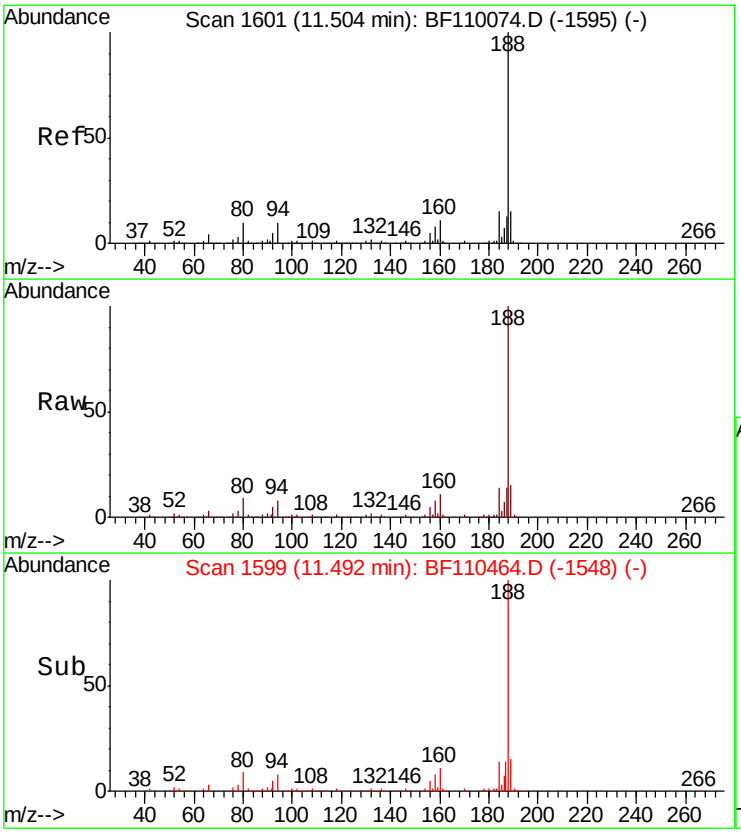

#63
Azobenzene
Concen: 43.384 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion: 77 Resp: 594056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 25.8 | 4.3 | 44.3 |
| 105 | 22.7 | 1.3 | 41.3 |
| 51 | 31.5 | 9.0 | 49.0 |

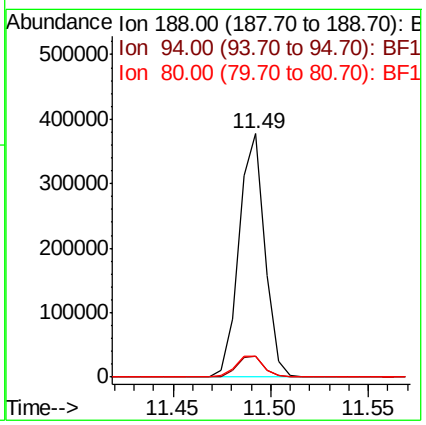


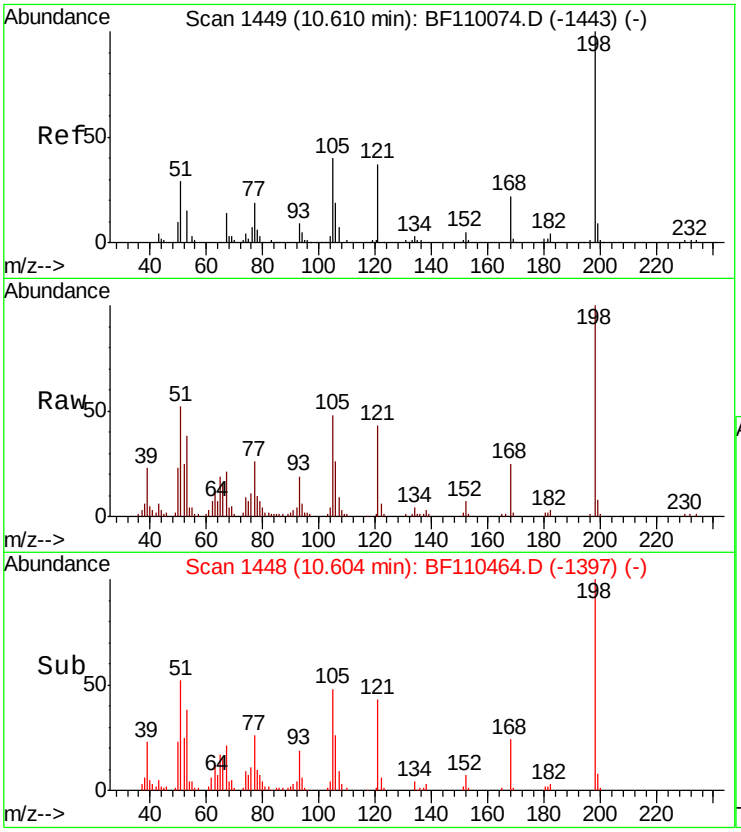




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:188 Resp: 345608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 7.2 | 10.8 |
| 80 | 8.6 | 7.9 | 11.9 |



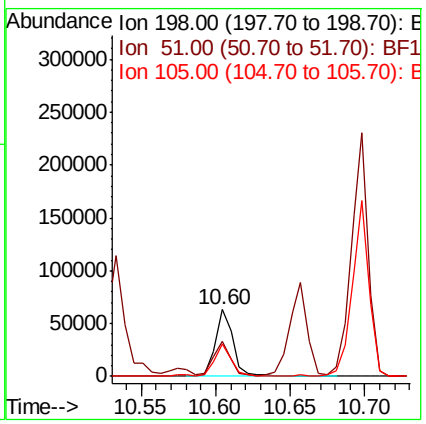


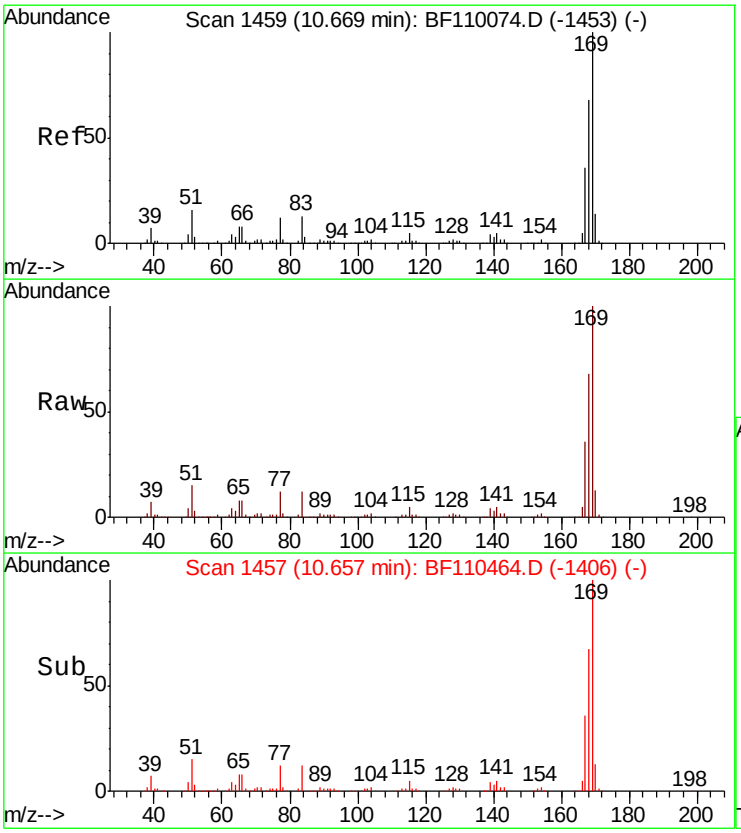

#65
4,6-Dinitro-2-methylphenol
Concen: 33.387 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:198 Resp: 52718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 51.9 | 22.8 | 62.8 |
| 105 | 48.4 | 23.6 | 63.6 |

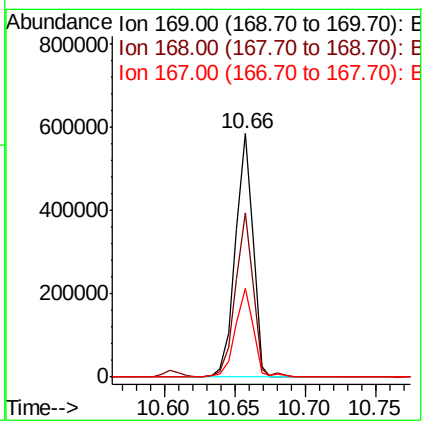


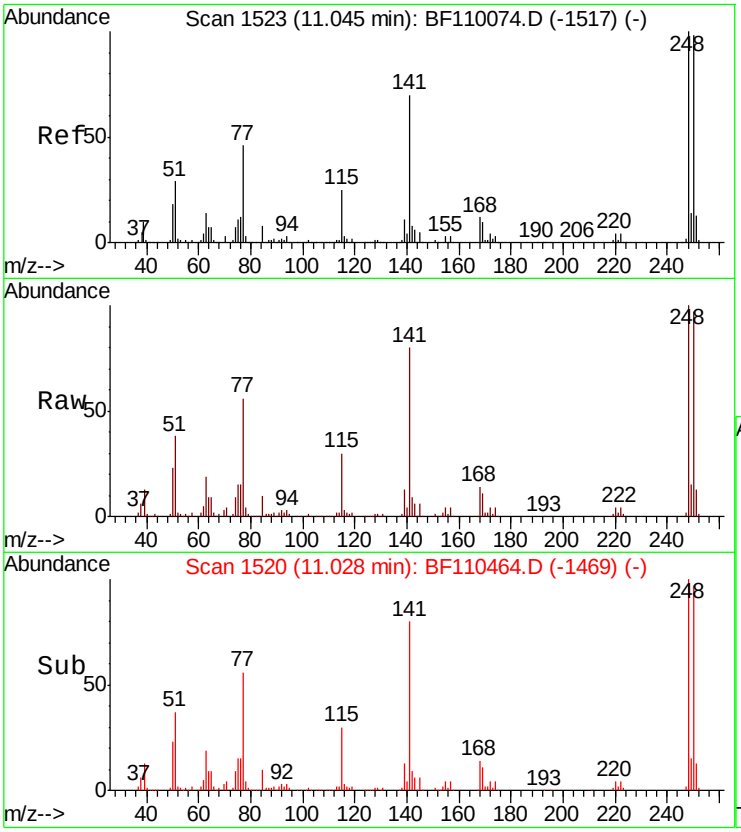




#66
n-Nitrosodiphenylamine
Concen: 44.896 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:169 Resp: 508934

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.5 | 51.2 | 76.8 |
| 167 | 36.4 | 27.8 | 41.6 |



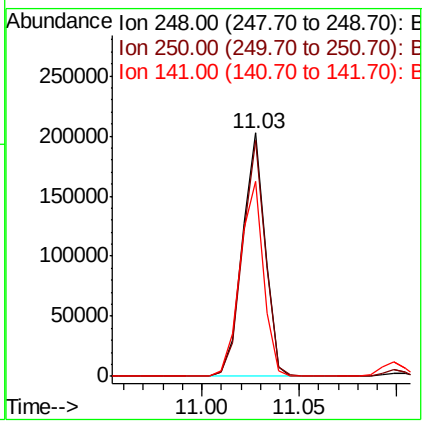


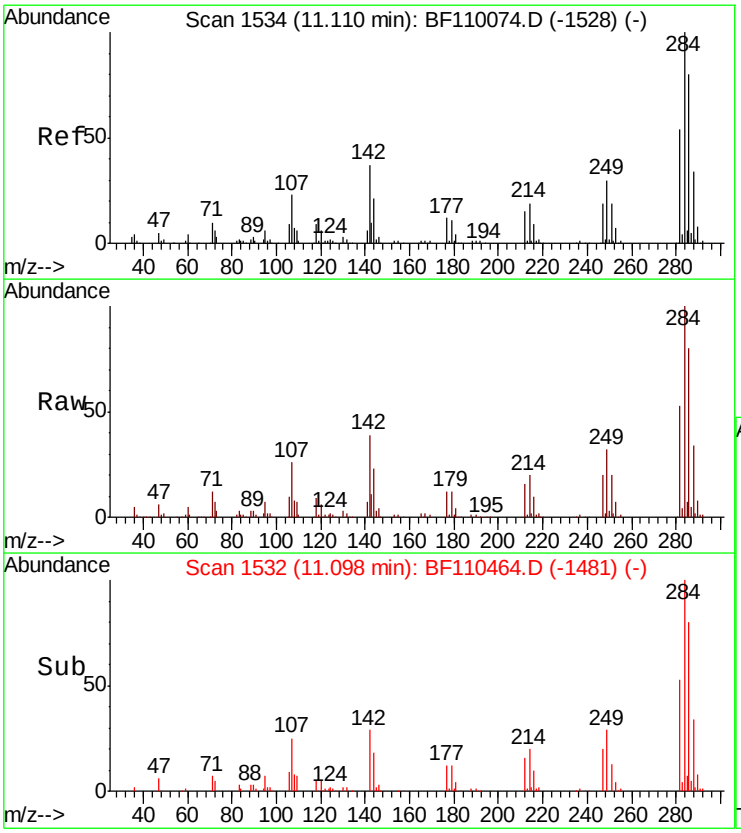

#67
4-Bromophenyl-phenylether
Concen: 43.875 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:248 Resp: 164481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.0 | 79.4 | 119.2 |
| 141 | 79.9 | 55.9 | 83.9 |

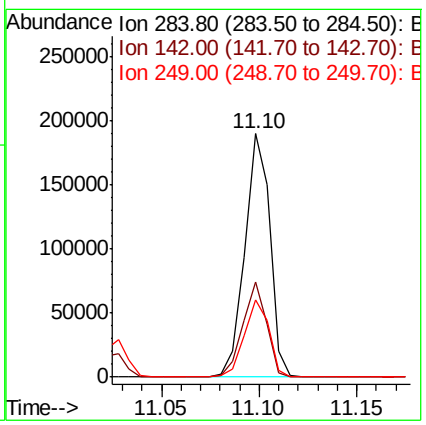


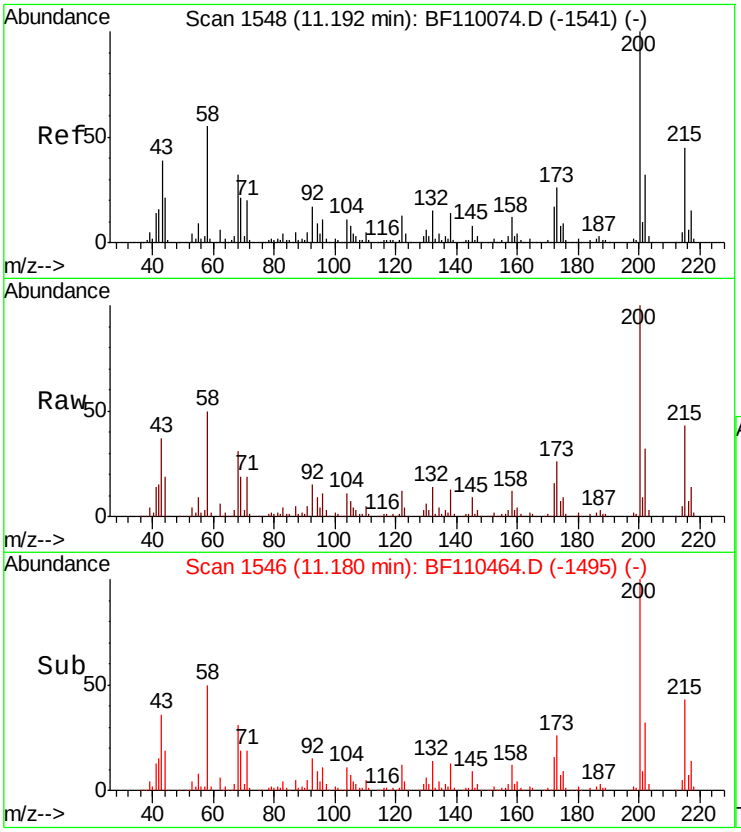




#68
Hexachlorobenzene
Concen: 42.540 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:284 Resp: 169209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 39.0 | 23.9 | 35.9# |
| 249 | 32.0 | 24.2 | 36.2 |



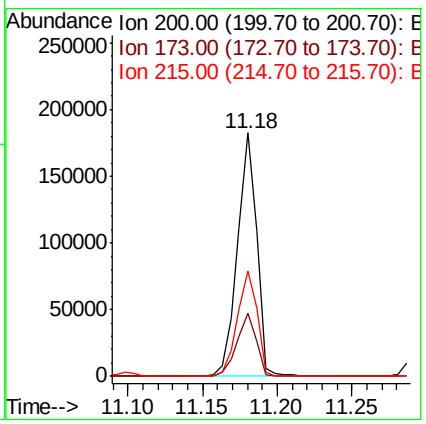


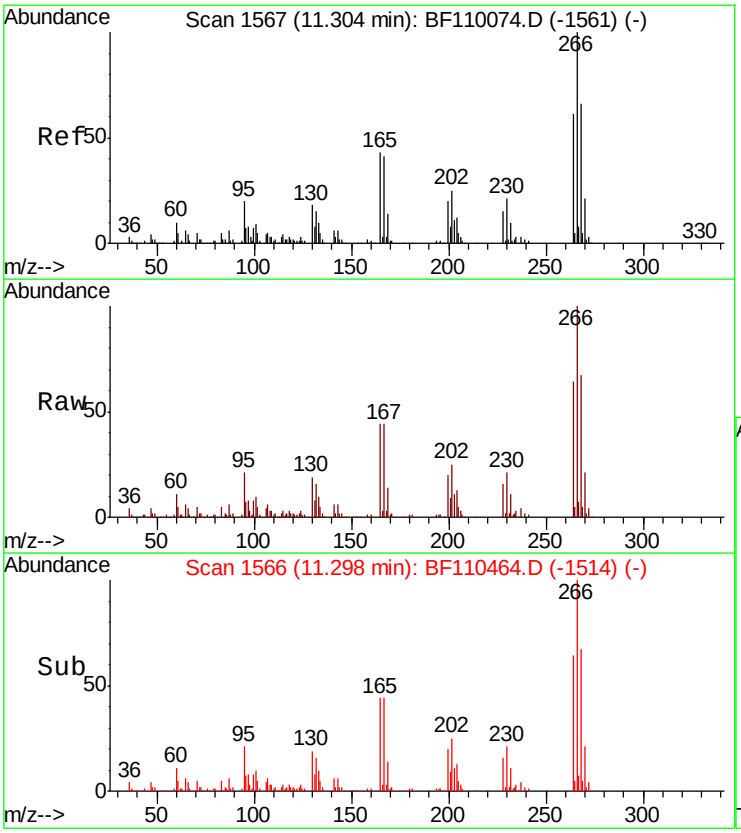

#69
Atrazine
Concen: 46.022 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:200 Resp: 164870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.0 | 6.6 | 46.6 |
| 215 | 43.4 | 26.3 | 66.3 |

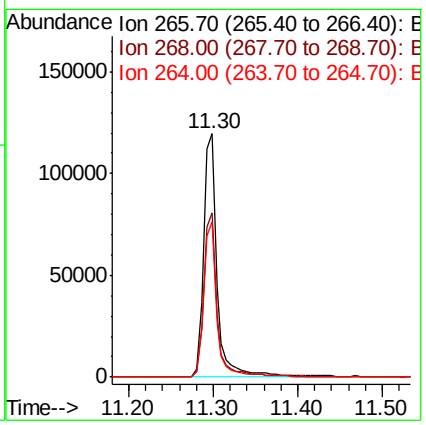


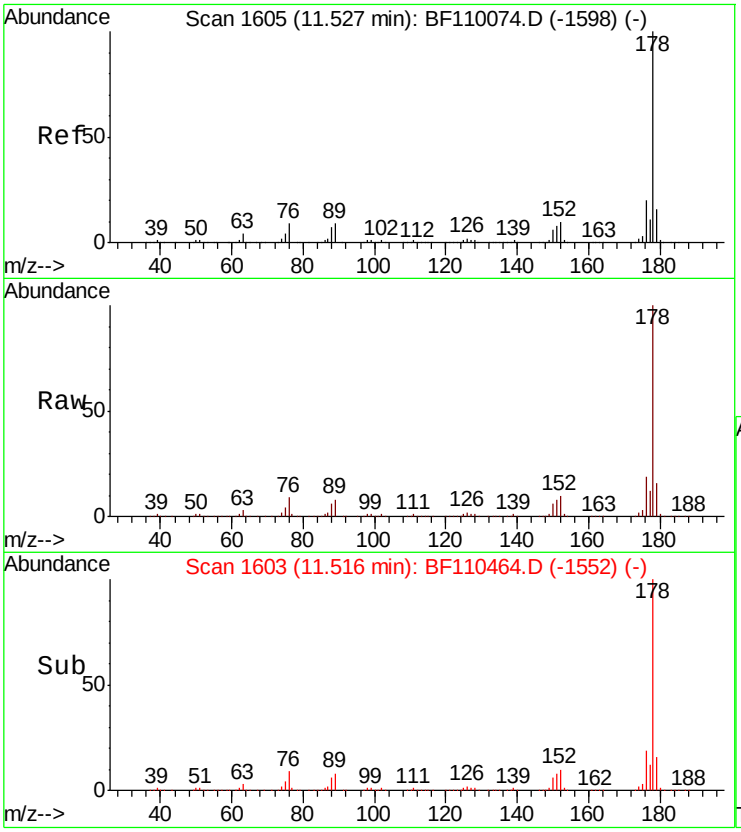




#70
Pentachlorophenol
Concen: 57.426 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:266 Resp: 133193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 67.4 | 50.6 | 75.8 |
| 264 | 63.8 | 50.6 | 75.8 |



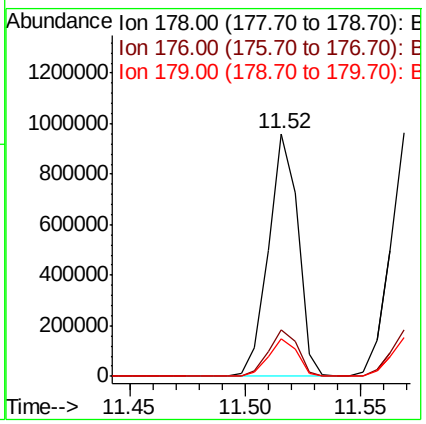


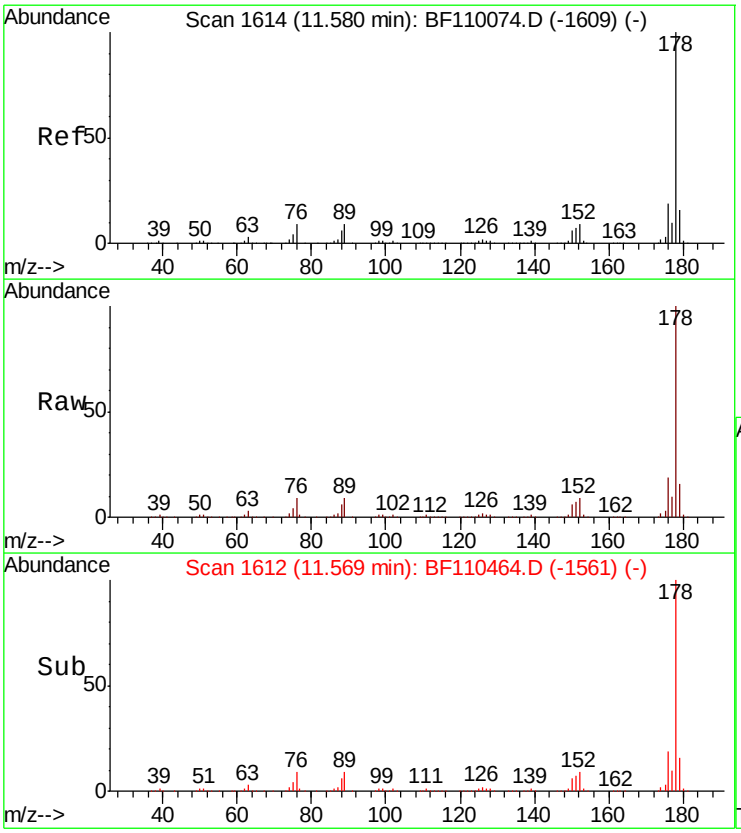

#71
Phenanthrene
Concen: 46.910 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:178 Resp: 848320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.5 | 23.3 |
| 179 | 15.7 | 12.5 | 18.7 |

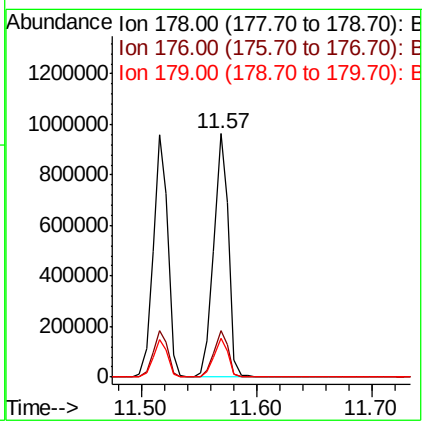


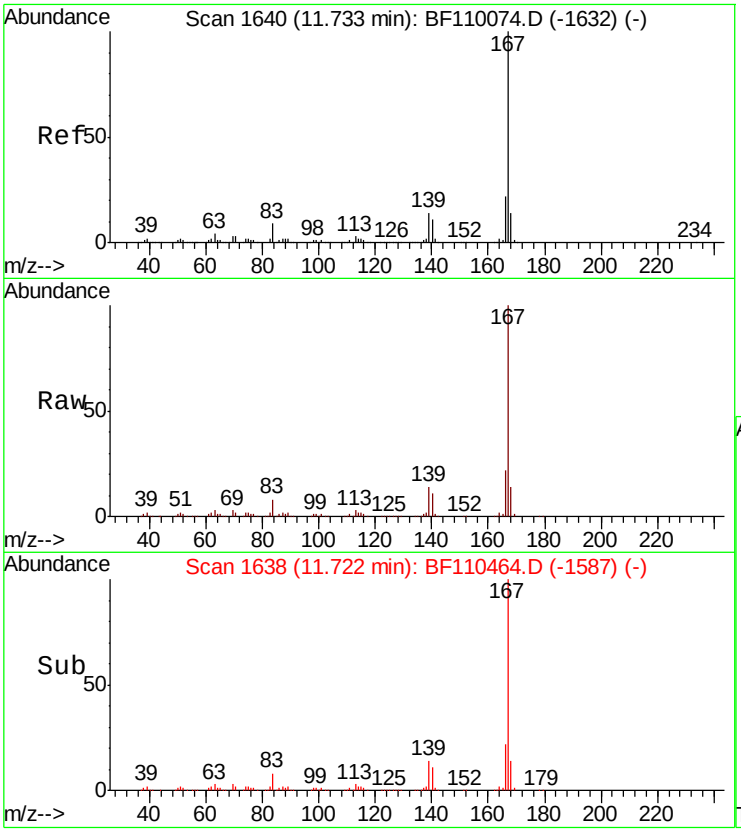




#72
Anthracene
Concen: 46.970 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:178 Resp: 851384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.4 | 23.2 |
| 179 | 15.9 | 12.6 | 18.8 |



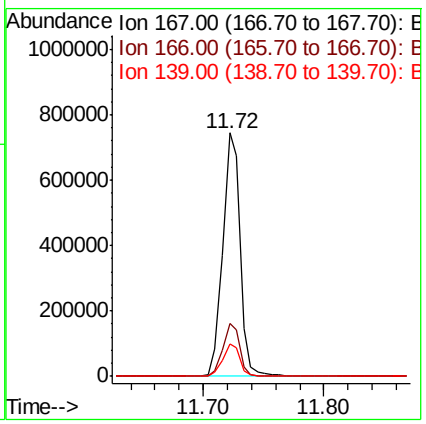


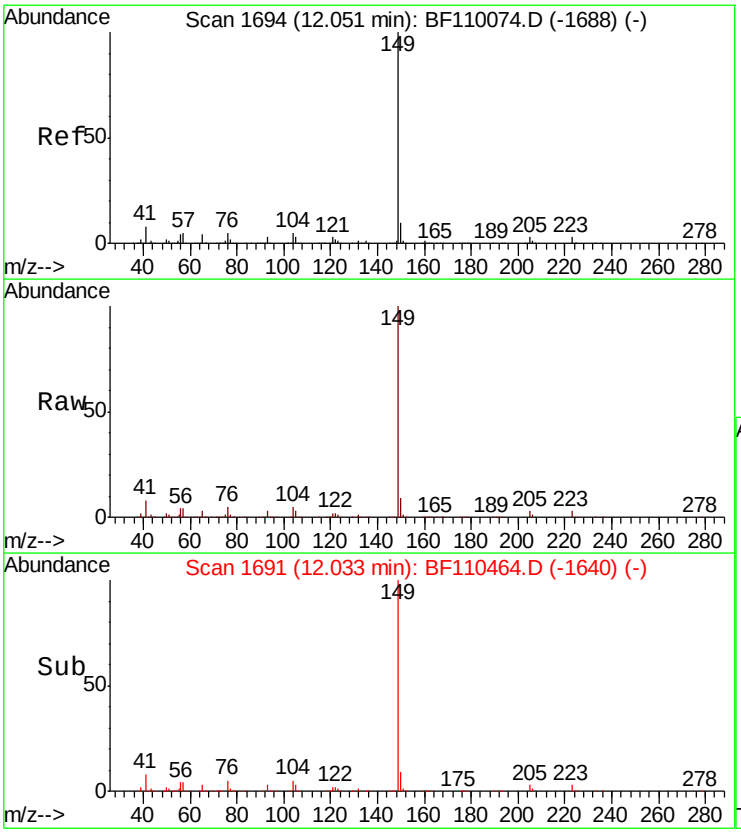

#73
Carbazole
Concen: 41.664 ng
RT: 11.72 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:167 Resp: 737369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.7 | 17.4 | 26.0 |
| 139 | 13.6 | 10.9 | 16.3 |

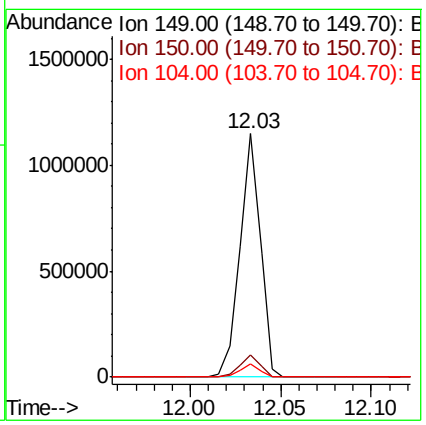


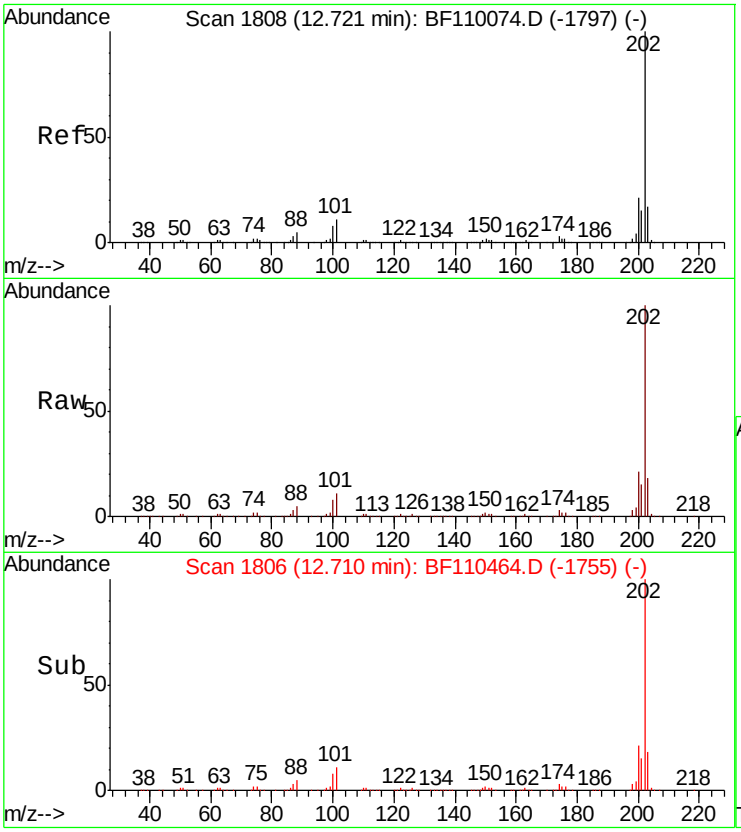




#74
Di-n-butylphthalate
Concen: 45.274 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:149 Resp: 904949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.7 | 11.5 |
| 104 | 5.2 | 4.2 | 6.4 |



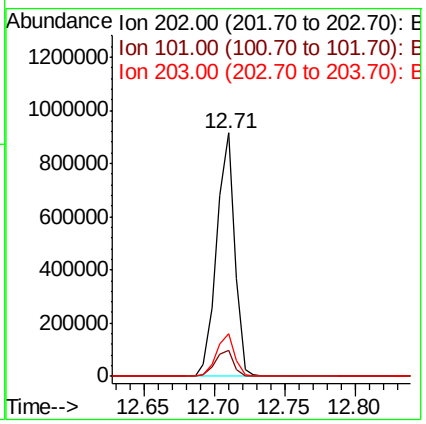


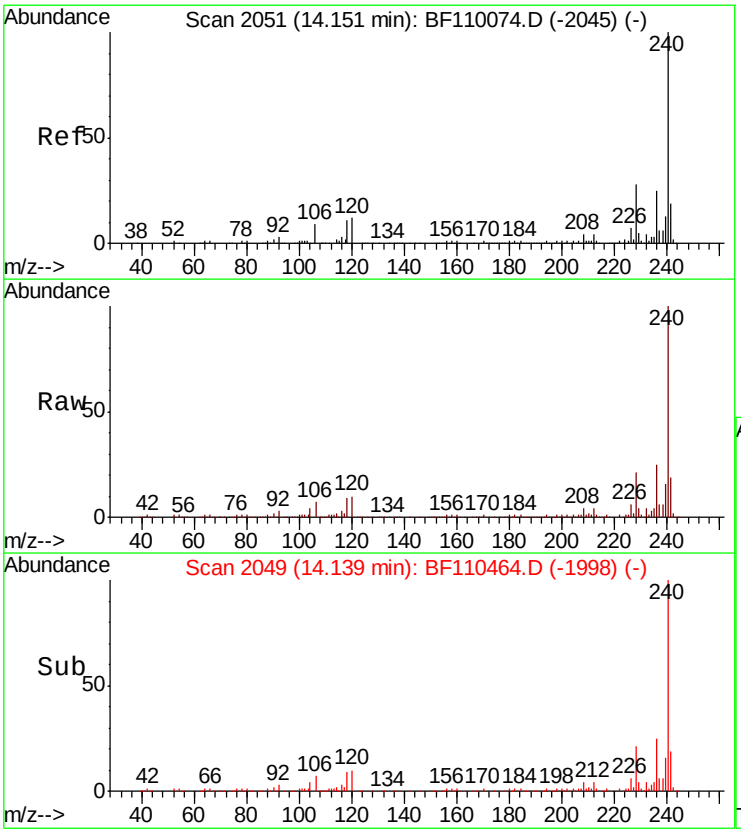

#75
Fluoranthene
Concen: 44.411 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:202 Resp: 815077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.8 | 0.0 | 31.4 |
| 203 | 17.5 | 0.0 | 37.7 |

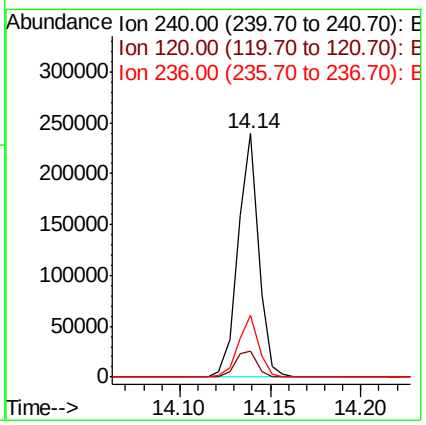


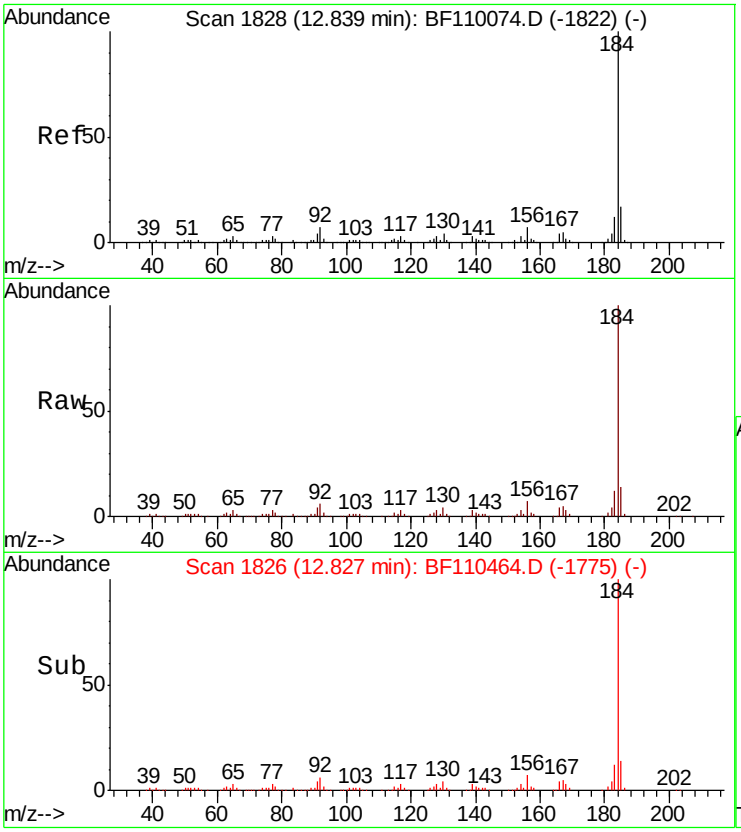




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:240 Resp: 189121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.5 | 8.3 | 12.5 |
| 236 | 25.3 | 21.2 | 31.8 |



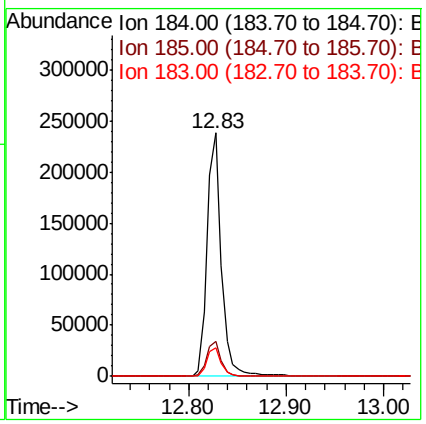


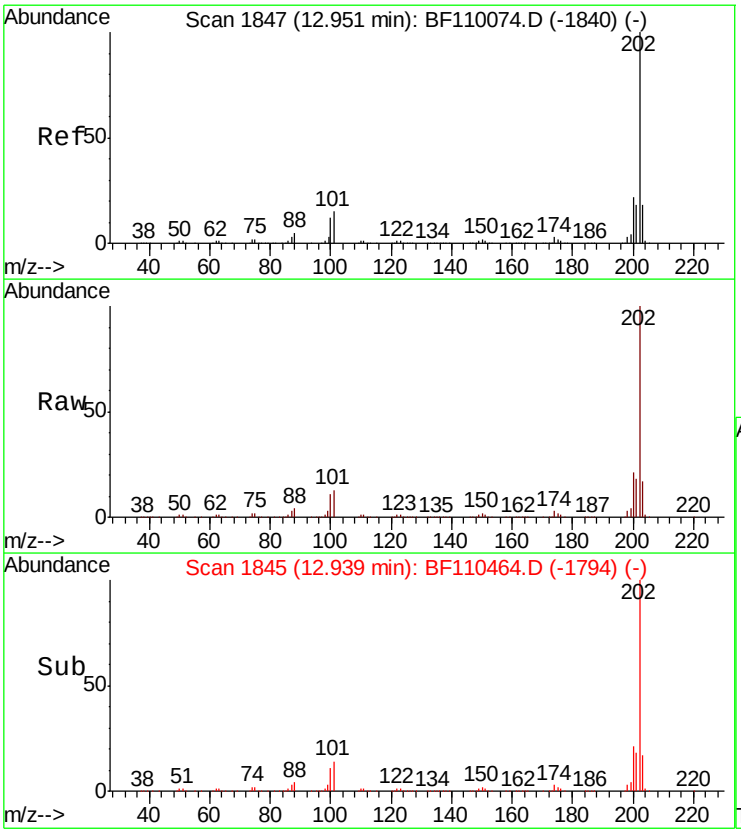

#77
Benzidine
Concen: 46.704 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:184 Resp: 242767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.5 | 13.4 | 20.2 |
| 183 | 11.5 | 9.4 | 14.2 |

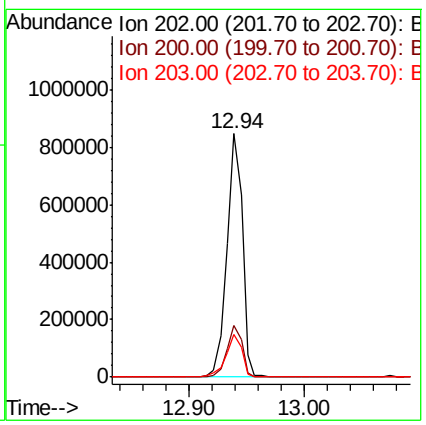


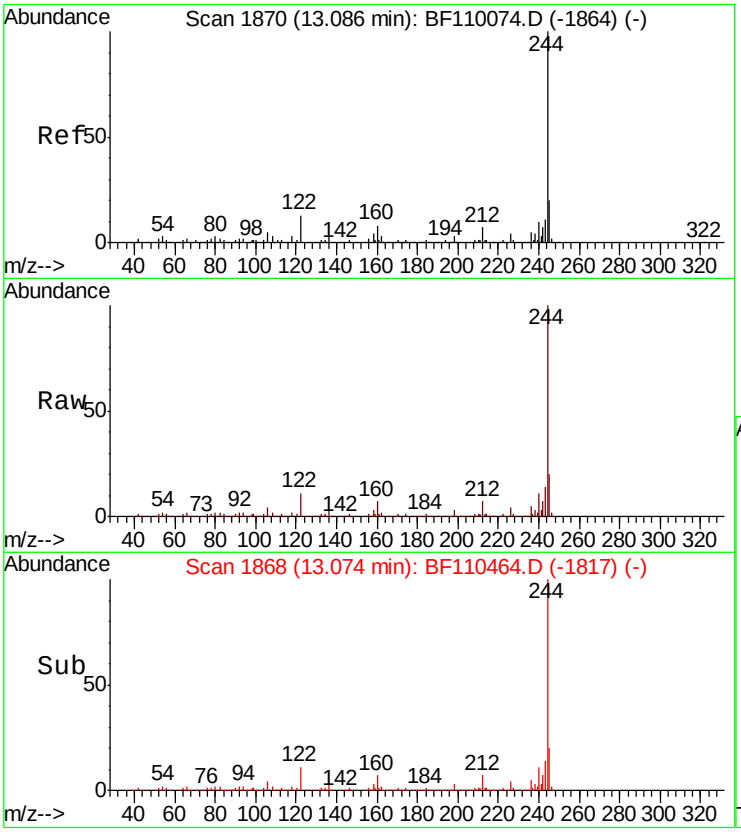




#78
Pyrene
Concen: 57.671 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:202 Resp: 781924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.8 | 26.6 |
| 203 | 17.3 | 14.2 | 21.4 |



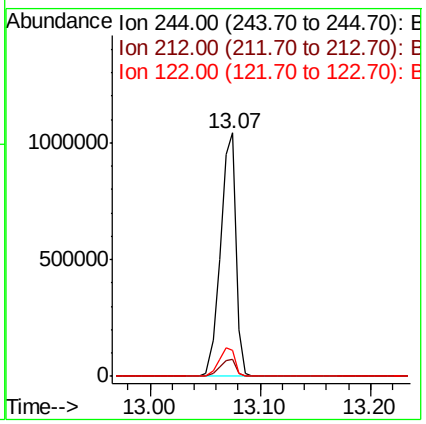


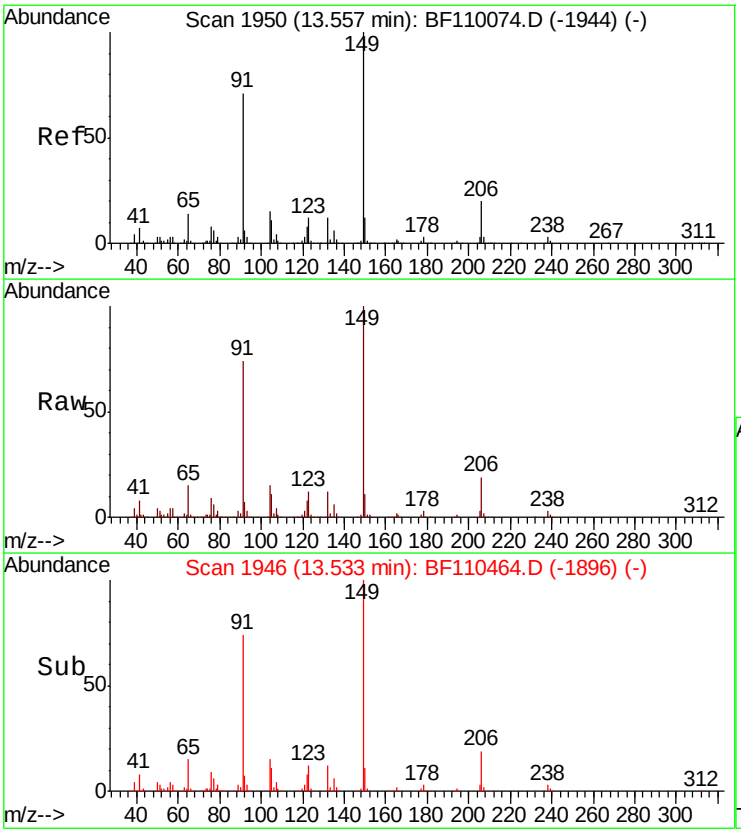

#79
Terphenyl-d14
Concen: 112.111 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:244 Resp: 1019492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.8 | 8.8 |
| 122 | 10.8 | 8.7 | 13.1 |

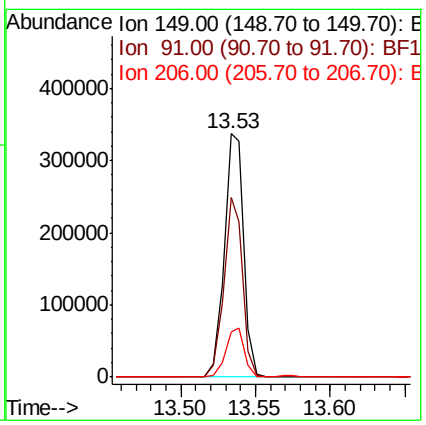


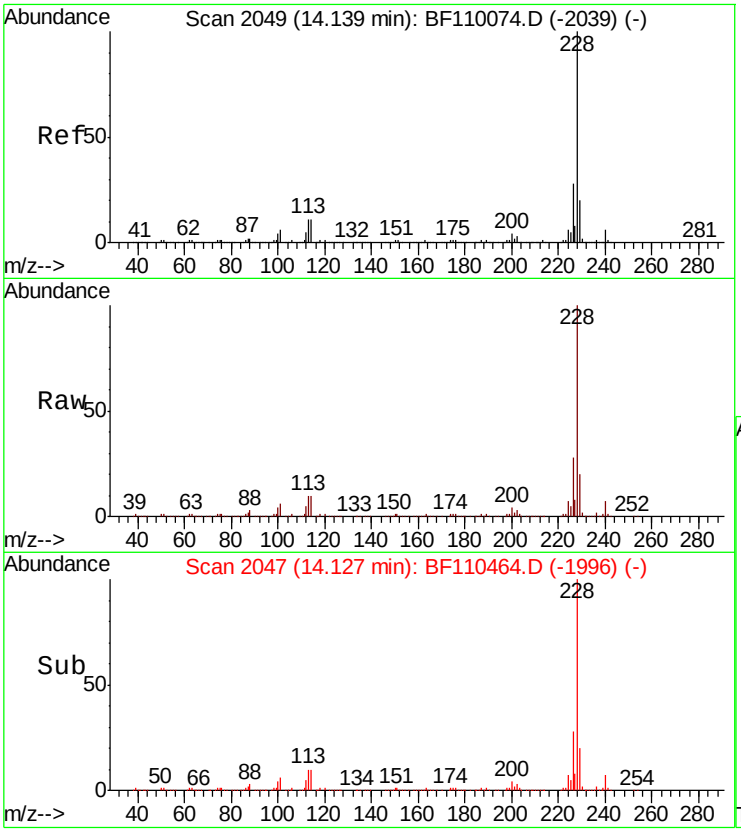




#80
Butylbenzylphthalate
Concen: 53.071 ng
RT: 13.53 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:149 Resp: 312316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 74.0 | 57.2 | 85.8 |
| 206 | 18.6 | 15.7 | 23.5 |



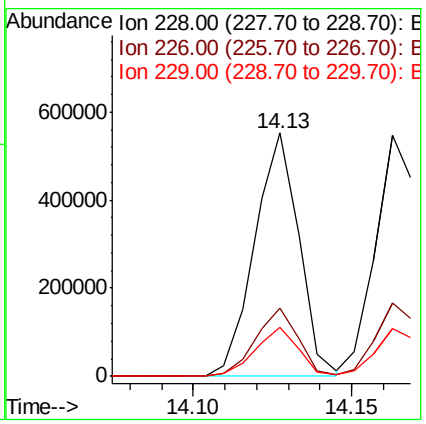


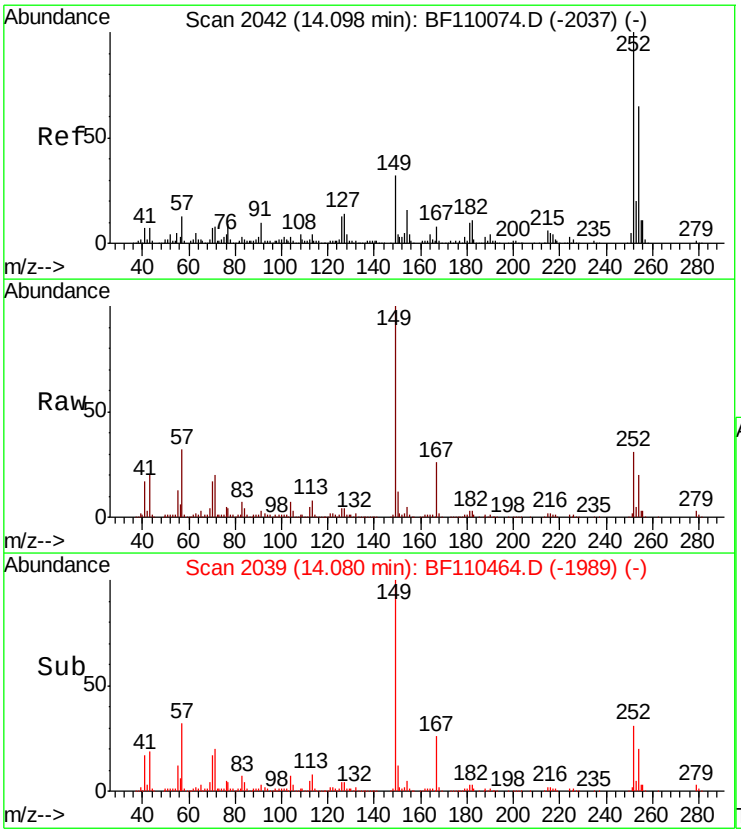

#81
Benzo(a)anthracene
Concen: 47.773 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:228 Resp: 535787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 22.1 | 33.1 |
| 229 | 20.0 | 15.6 | 23.4 |

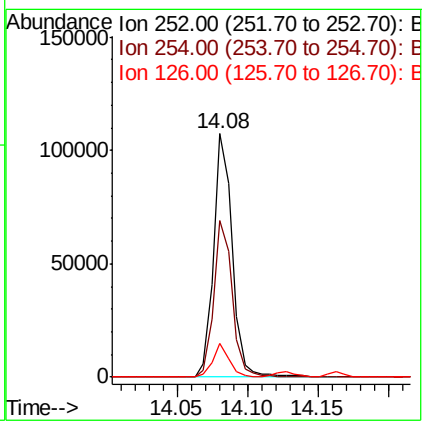


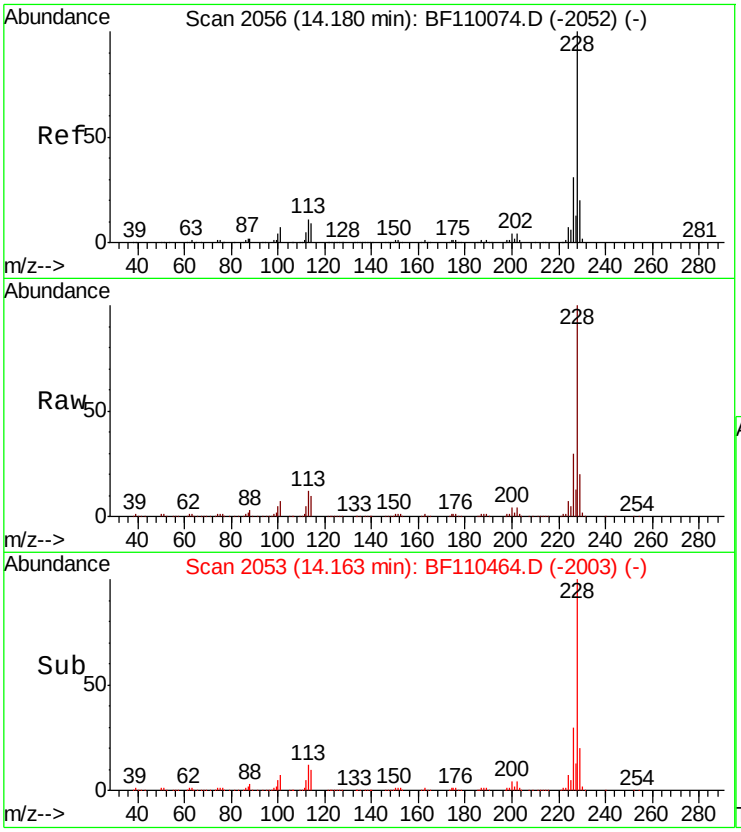




#82
3,3'-Dichlorobenzidine
Concen: 25.337 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:252 Resp: 98950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.5 | 51.3 | 76.9 |
| 126 | 13.9 | 9.4 | 14.2 |



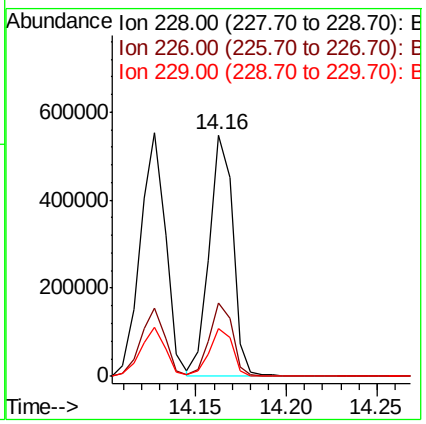


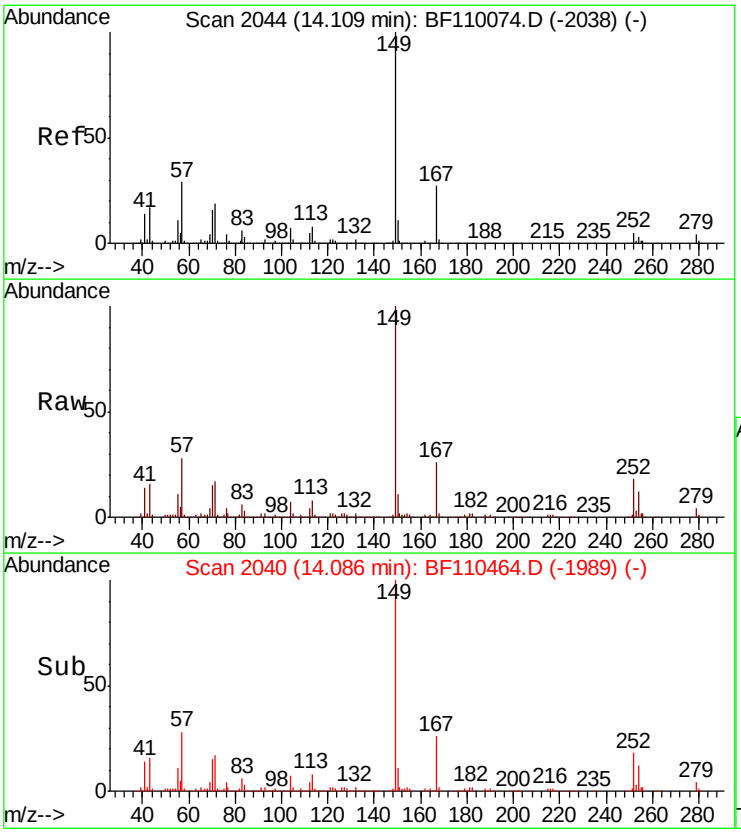

#83
Chrysene
Concen: 46.605 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:228 Resp: 496449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.7 | 37.1 |
| 229 | 20.0 | 15.9 | 23.9 |

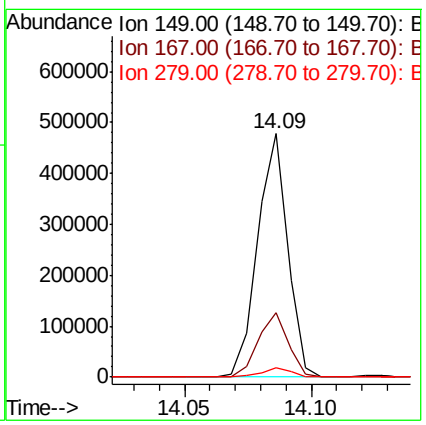


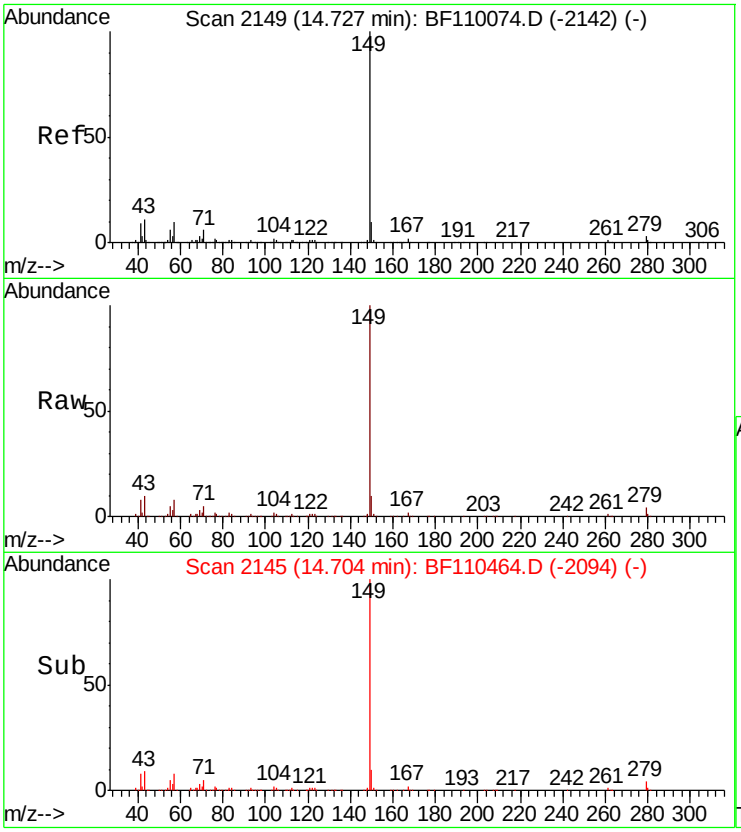




#84
Bis(2-ethylhexyl)phthalate
Concen: 50.066 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:149 Resp: 398284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.3 | 19.8 | 29.8 |
| 279 | 3.7 | 2.7 | 4.1 |



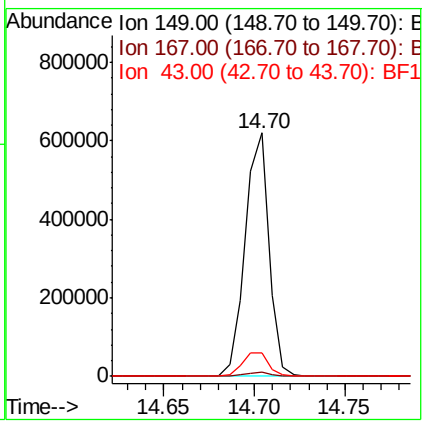


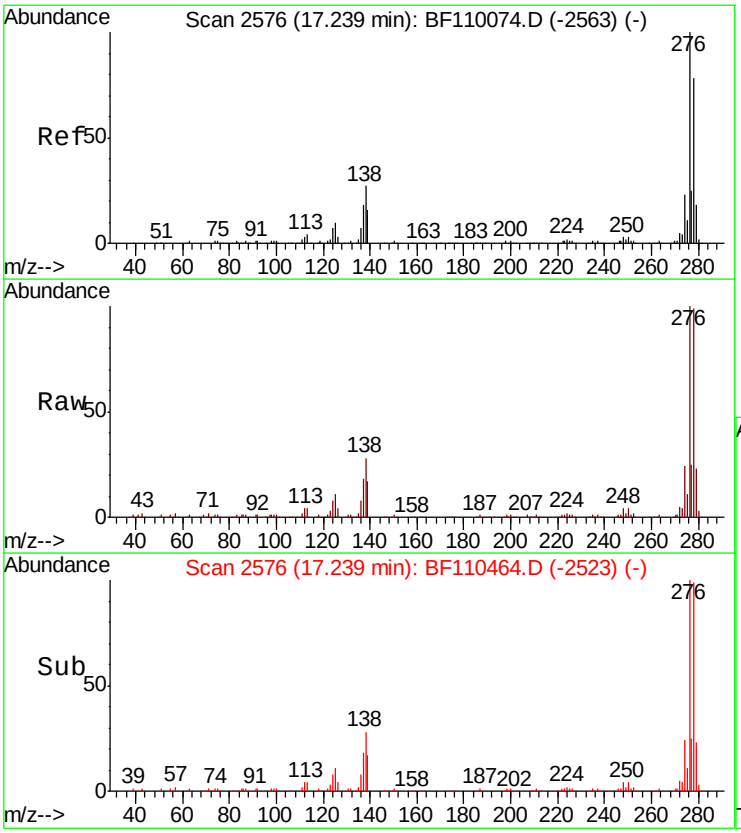

#85
Di-n-octyl phthalate
Concen: 45.880 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:149 Resp: 567525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.1 | 1.7 |
| 43 | 10.4 | 7.8 | 11.8 |

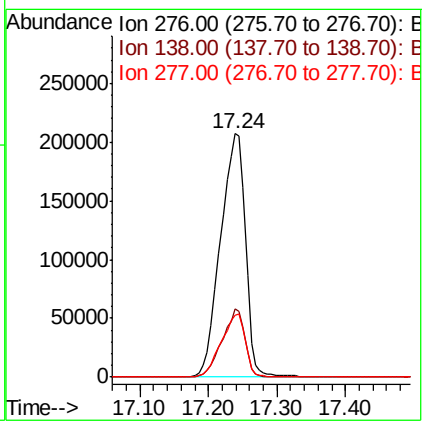


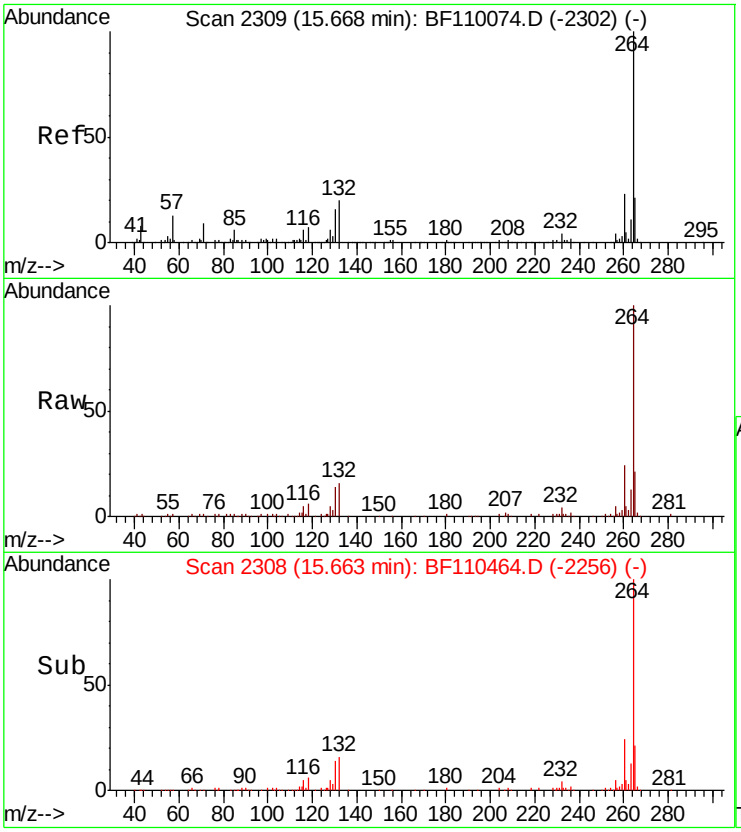




#86
Indeno(1,2,3-cd)pyrene
Concen: 59.080 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:276 Resp: 522099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.5 | 18.5 | 27.7 |
| 277 | 25.2 | 20.0 | 30.0 |



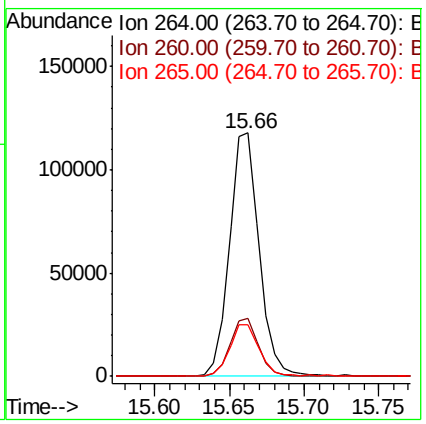


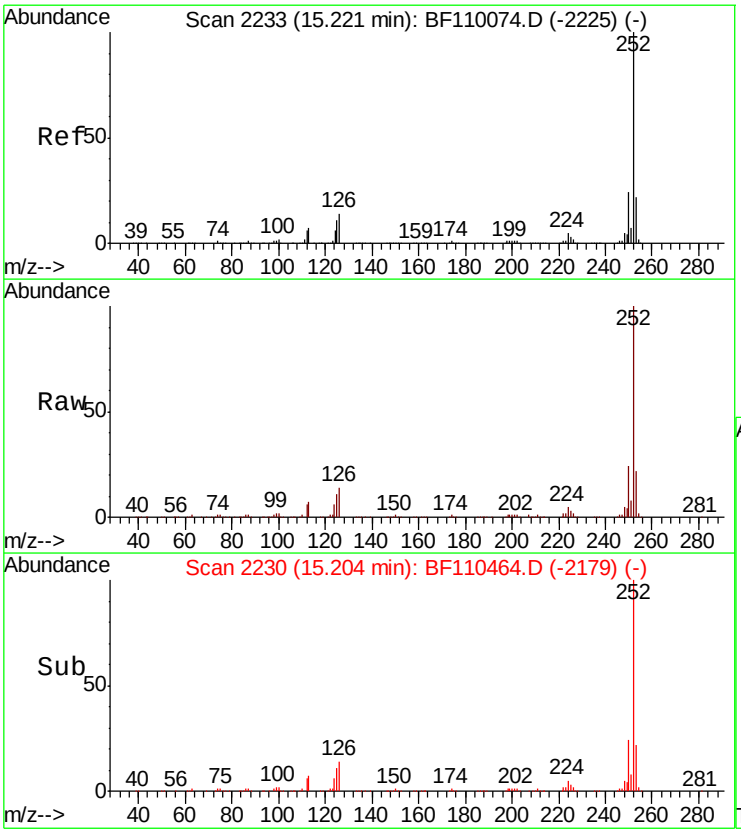

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:264 Resp: 163884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 18.7 | 28.1 |
| 265 | 21.2 | 16.7 | 25.1 |

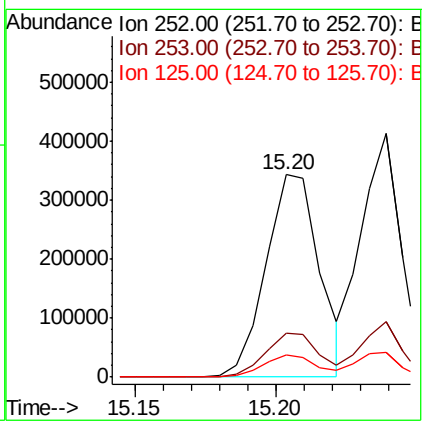


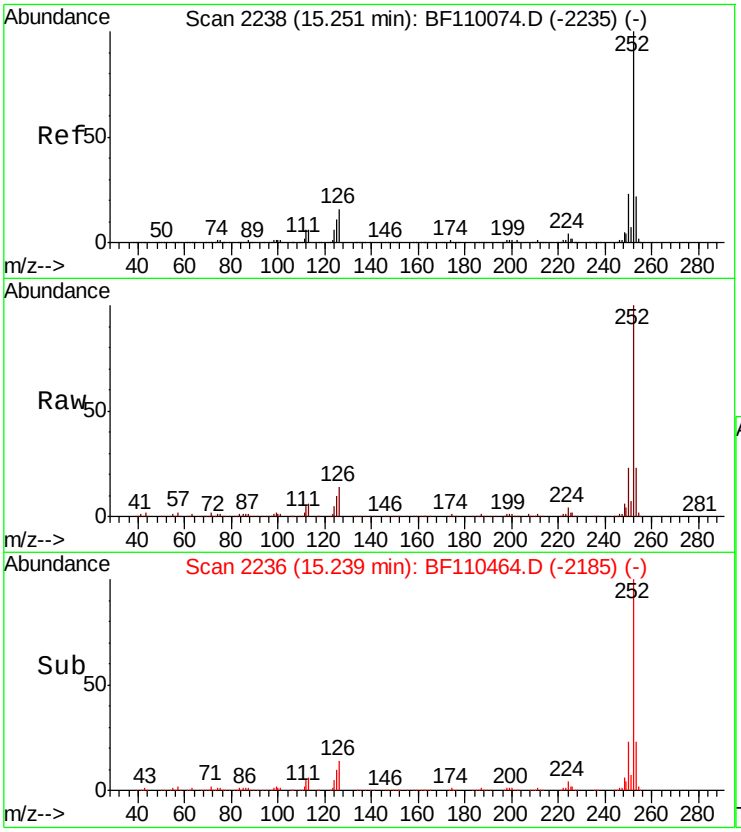




#88
Benzo(b)fluoranthene
Concen: 47.793 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:252 Resp: 452297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.2 | 25.8 |
| 125 | 11.0 | 8.2 | 12.4 |



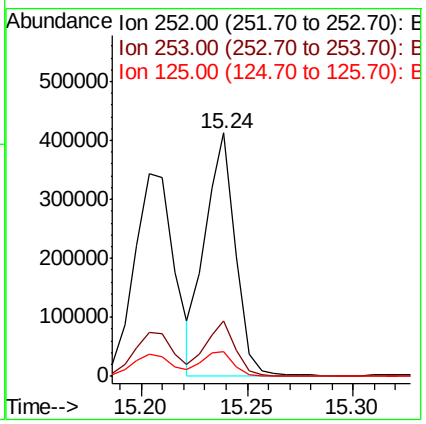


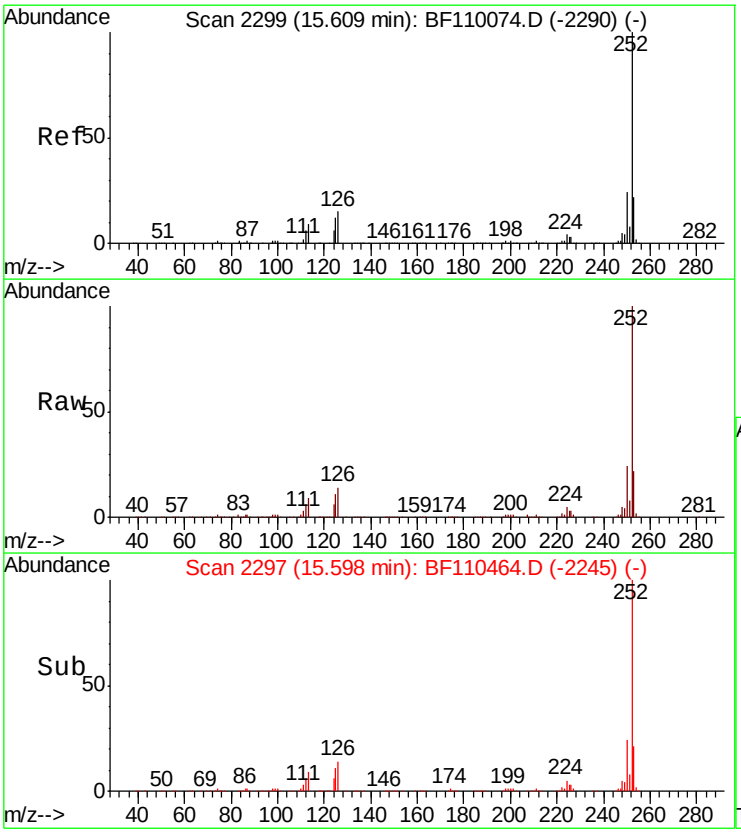

#89
Benzo(k)fluoranthene
Concen: 44.007 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:252 Resp: 409427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.2 | 25.8 |
| 125 | 10.2 | 7.4 | 11.0 |

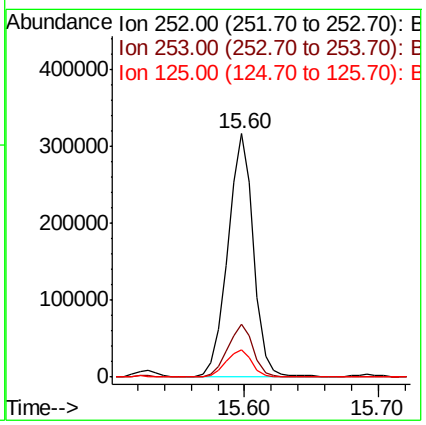


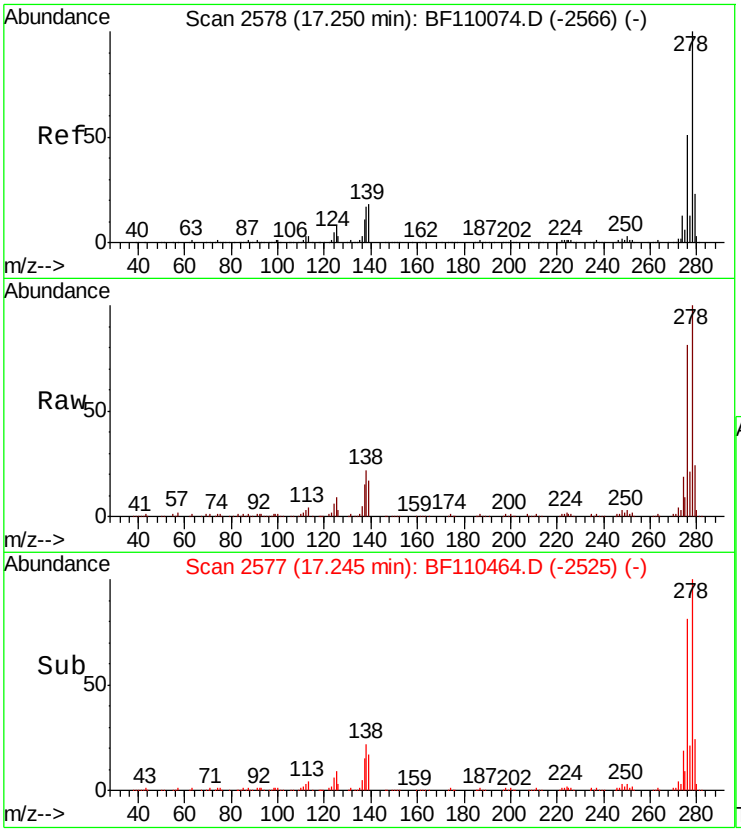




#90
Benzo(a)pyrene
Concen: 48.977 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:252 Resp: 426499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 18.2 | 27.4 |
| 125 | 11.3 | 9.0 | 13.6 |



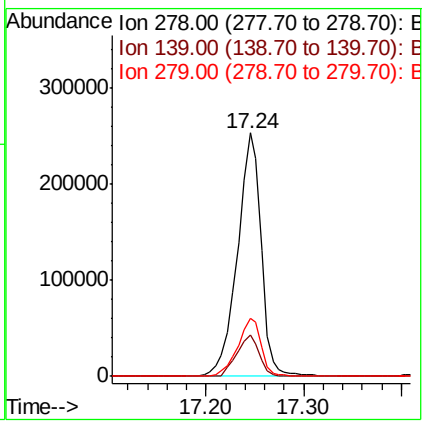


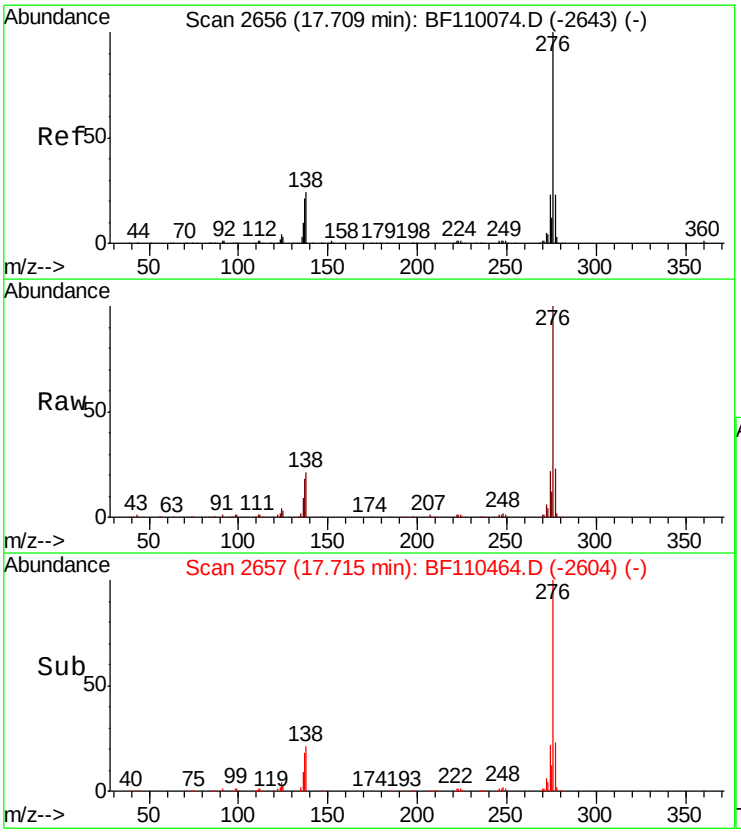

#91
Dibenzo(a,h)anthracene
Concen: 56.774 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

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

Tgt Ion:278 Resp: 426594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.0 | 12.7 | 19.1 |
| 279 | 24.1 | 19.0 | 28.4 |




#92
Benzo(g,h,i)perylene
Concen: 59.358 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110464.D
Acq: 5 Nov 2018 14:55

Tgt Ion:276 Resp: 439499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.8 | 18.8 | 28.2 |
| 138 | 20.9 | 16.0 | 24.0 |