Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112641.D
Acq On : 20 Feb 2019 14:53
Operator : JU/SJ
Sample : K1528-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 20 16:50:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.83 | 152 | 77327 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.11 | 136 | 290318 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 9.86 | 164 | 148305 | 20.00 | ng | | -0.03 |
| 64) Phenanthrene-d10 | 11.35 | 188 | 284592 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 14.00 | 240 | 207257 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 15.47 | 264 | 202337 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.48 | 112 | 139360 | 38.28 | ng | | 0.00 |
| 7) Phenol-d6 | 6.49 | 99 | 203451 | 40.22 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 496946 | 98.63 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.66 | 330 | 242567 | 140.52 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 9.18 | 172 | 1036949 | 98.89 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.93 | 244 | 1059195 | 96.25 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.55 | 88 | 30494 | 21.027 | ng | # | 89 |
| 3) Pyridine | 3.33 | 79 | 55742 | 15.110 | ng | # | 93 |
| 4) n-Nitrosodimethylamine | 3.28 | 42 | 40597 | 26.193 | ng | | 83 |
| 6) Aniline | 6.50 | 93 | 180918 | 30.064 | ng | # | 94 |
| 8) 2-Chlorophenol | 6.63 | 128 | 184858 | 37.746 | ng | | 98 |
| 9) Benzaldehyde | 6.37 | 77 | 890305 | 336.719 | ng | # | 1 |
| 10) Phenol | 6.50 | 94 | 82321 | 14.833 | ng | # | 7 |
| 11) bis(2-Chloroethyl)ether | 6.58 | 93 | 209815 | 48.019 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.77 | 146 | 253628 | 44.468 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.85 | 146 | 263513 | 44.892 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.85 | 146 | 263513 | 47.948 | ng | | 98 |
| 15) Benzyl Alcohol | 6.98 | 79 | 132044 | 30.965 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45 | 249603 | 44.491 | ng | # | 1 |
| 17) 2-Methylphenol | 7.10 | 107 | 123083 | 31.704 | ng | # | 22 |
| 18) Hexachloroethane | 7.36 | 117 | 534932 | 259.517 | ng | # | 1 |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70 | 168426 | 48.285 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.26 | 107 | 151410 | 30.498 | ng | # | 65 |
| 22) Acetophenone | 7.24 | 105 | 306839 | 43.405 | ng | # | 92 |
| 24) Nitrobenzene | 7.42 | 77 | 288244 | 57.282 | ng | | 97 |
| 25) Isophorone | 7.65 | 82 | 436407 | 55.211 | ng | | 99 |
| 26) 2-Nitrophenol | 7.73 | 139 | 122535 | 45.566 | ng | # | 91 |
| 27) 2,4-Dimethylphenol | 7.77 | 122 | 169086 | 45.637 | ng | | 91 |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93 | 271350 | 50.417 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 7.99 | 162 | 181990 | 43.893 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.06 | 180 | 225395 | 47.293 | ng | | 98 |
| 31) Naphthalene | 8.15 | 128 | 5107953 | 376.234 | ng | | 96 |
| 32) Benzoic acid | 7.96 | 122 | 205116 | 97.053 | ng | | 99 |
| 33) 4-Chloroaniline | 8.19 | 127 | 196368 | 33.218 | ng | | 100 |
| 34) Hexachlorobutadiene | 8.24 | 225 | 130470 | 46.651 | ng | | 99 |
| 35) Caprolactam | 8.68 | 113 | 13492 | 9.224 | ng | # | 82 |
| 36) 4-Chloro-3-methylphenol | 8.67 | 107 | 176302 | 40.167 | ng | | 93 |
| 37) 2-Methylnaphthalene | 8.82 | 142 | 1386002 | 149.125 | ng | # | 95 |
| 38) 1-Methylnaphthalene | 8.92 | 142 | 829292 | 93.091 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 222941 | 45.784 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112641.D
Acq On : 20 Feb 2019 14:53
Operator : JU/SJ
Sample : K1528-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 20 16:50:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.97 | 237 | 96046 | 55.366 ng | | 98 |
| 43) 2,4,6-Trichlorophenol | 9.11 | 196 | 134512 | 44.814 ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.16 | 196 | 138098 | 44.022 ng | | 95 |
| 46) 1,1'-Biphenyl | 9.28 | 154 | 611280 | 47.147 ng | | 98 |
| 47) 2-Chloronaphthalene | 9.31 | 162 | 462914 | 46.042 ng | | 95 |
| 48) 2-Nitroaniline | 9.42 | 65 | 130978 | 47.796 ng | | 95 |
| 49) Acenaphthylene | 9.72 | 152 | 736994 | 50.011 ng | | 98 |
| 50) Dimethylphthalate | 9.58 | 163 | 556013 | 48.254 ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.65 | 165 | 123664 | 47.921 ng | # | 73 |
| 52) Acenaphthene | 9.89 | 154 | 430726 | 48.928 ng | | 98 |
| 53) 3-Nitroaniline | 9.83 | 138 | 75570 | 27.030 ng | | 88 |
| 54) 2,4-Dinitrophenol | 9.96 | 184 | 80327 | 96.991 ng | | 92 |
| 55) Dibenzofuran | 10.07 | 168 | 643896 | 47.864 ng | | 95 |
| 56) 4-Nitrophenol | 10.07 | 139 | 292612 | 197.966 ng | # | 17 |
| 57) 2,4-Dinitrotoluene | 10.07 | 165 | 161294 | 49.096 ng | # | 68 |
| 58) Fluorene | 10.41 | 166 | 533917 | 53.036 ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.20 | 232 | 104528 | 44.093 ng | # | 89 |
| 60) Diethylphthalate | 10.27 | 149 | 583278 | 51.009 ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.40 | 204 | 258900 | 47.278 ng | | 96 |
| 62) 4-Nitroaniline | 10.45 | 138 | 103982 | 37.919 ng | | 90 |
| 63) Azobenzene | 10.56 | 77 | 496221 | 49.342 ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 10.49 | 198 | 58266 | 36.517 ng | | 93 |
| 66) n-Nitrosodiphenylamine | 10.52 | 169 | 460296 | 47.990 ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.89 | 248 | 155081 | 46.331 ng | | 98 |
| 68) Hexachlorobenzene | 10.97 | 284 | 168994 | 47.058 ng | | 97 |
| 69) Atrazine | 11.05 | 200 | 133513 | 43.140 ng | | 95 |
| 70) Pentachlorophenol | 11.17 | 266 | 112569 | 80.560 ng | | 98 |
| 71) Phenanthrene | 11.37 | 178 | 756368 | 51.121 ng | | 98 |
| 72) Anthracene | 11.43 | 178 | 781987 | 53.058 ng | | 99 |
| 73) Carbazole | 11.59 | 167 | 652290 | 44.868 ng | | 98 |
| 74) Di-n-butylphthalate | 11.90 | 149 | 916279 | 50.777 ng | | 98 |
| 75) Fluoranthene | 12.57 | 202 | 747444 | 47.101 ng | | 97 |
| 77) Benzidine | 12.93 | 184 | 16275 | 2.853 ng | # | 92 |
| 78) Pyrene | 12.80 | 202 | 737853 | 51.421 ng | | 98 |
| 80) Butylbenzylphthalate | 13.39 | 149 | 360487 | 51.925 ng | # | 90 |
| 81) Benzo(a)anthracene | 13.99 | 228 | 617299 | 50.666 ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.95 | 252 | 17211 | 3.775 ng | | 97 |
| 83) Chrysene | 14.03 | 228 | 586410 | 50.423 ng | | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149 | 518414 | 52.606 ng | | 98 |
| 85) Di-n-octyl phthalate | 14.56 | 149 | 837209 | 55.218 ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 16.98 | 276 | 674627 | 73.207 ng | | 96 |
| 88) Benzo(b)fluoranthene | 15.04 | 252 | 608940 | 50.323 ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.07 | 252 | 549587 | 47.416 ng | | 99 |
| 90) Benzo(a)pyrene | 15.41 | 252 | 562397 | 51.652 ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 16.97 | 278 | 562972 | 64.155 ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.42 | 276 | 561609 | 67.835 ng | | 95 |

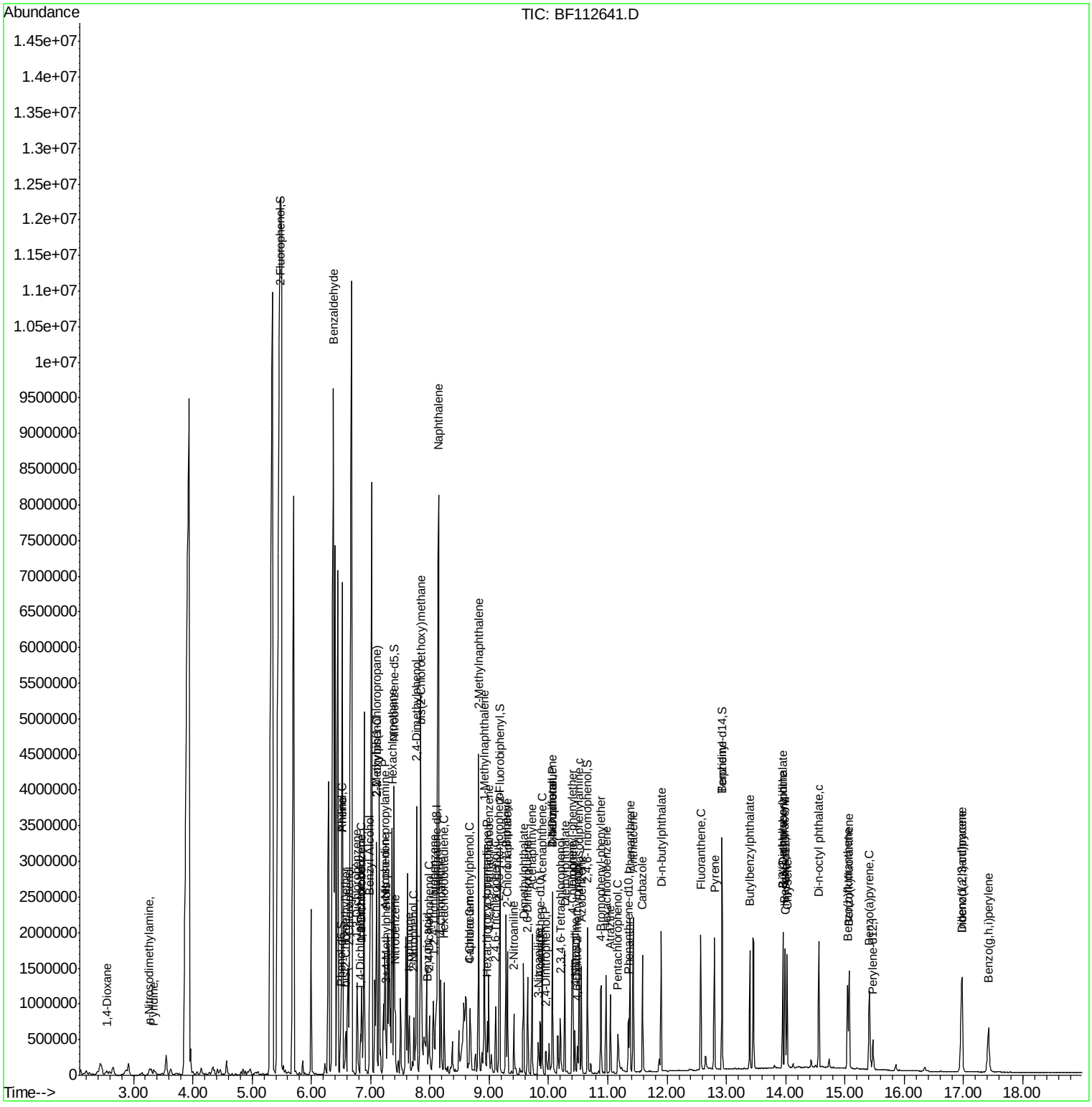
(#) = qualifier out of range (m) = manual integration (+) = signals summed

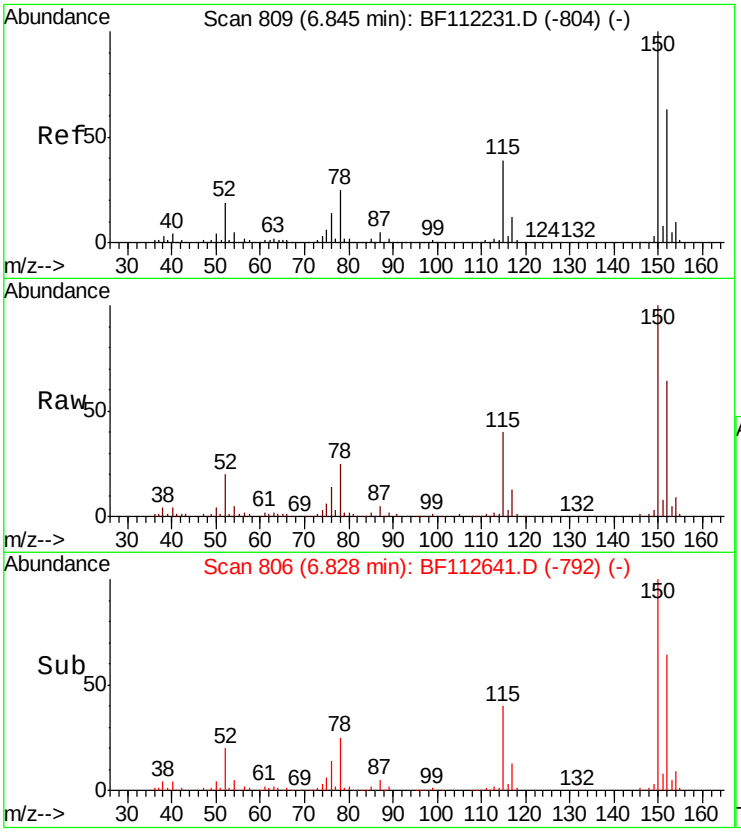
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112641.D
Acq On : 20 Feb 2019 14:53
Operator : JU/SJ
Sample : K1528-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 20 16:50:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



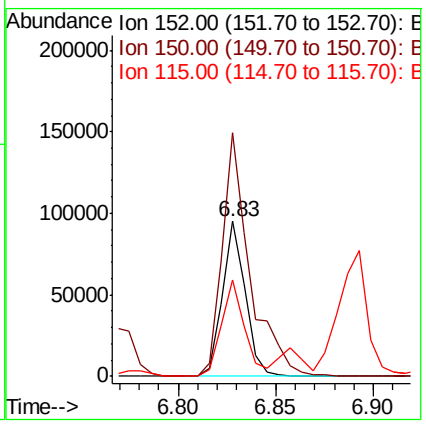


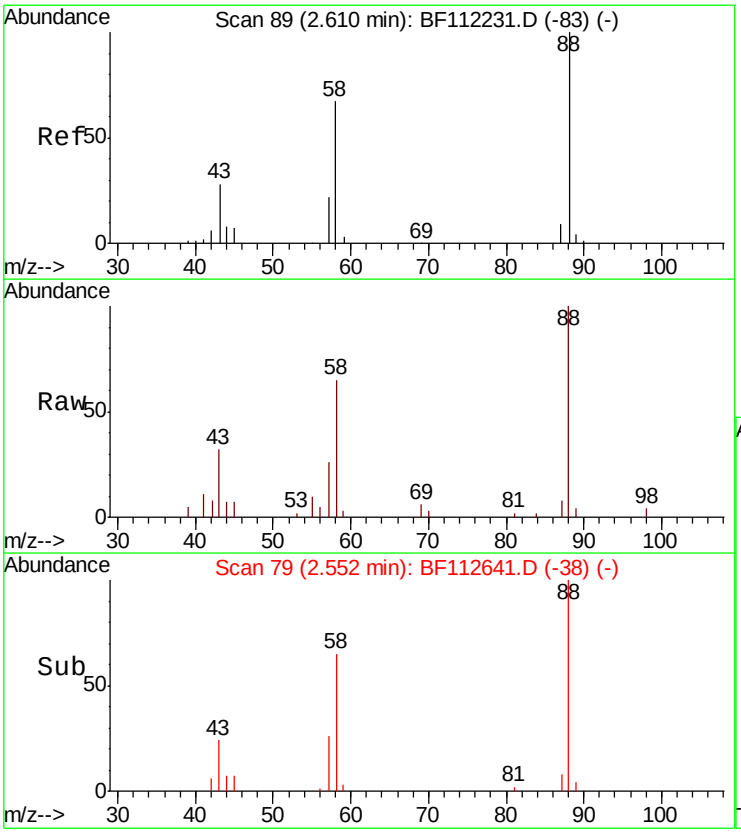

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:152 Resp: 77327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.1 | 127.4 | 191.0 |
| 115 | 62.2 | 45.5 | 68.3 |

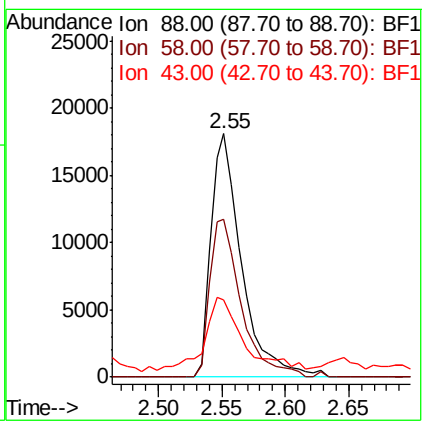


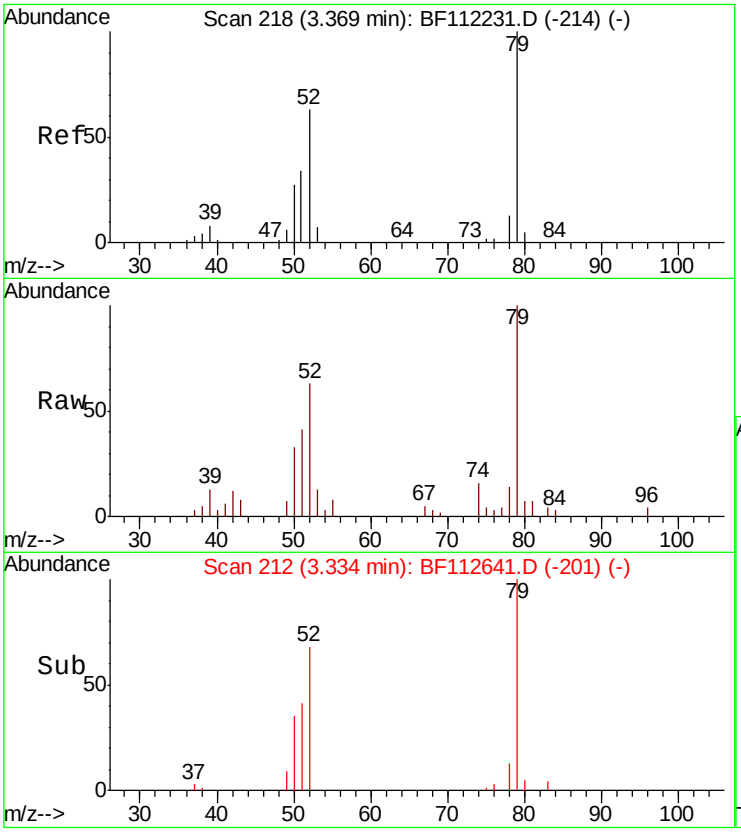




#2
1,4-Dioxane
Concen: 21.027 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.06 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 88 Resp: 30494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.5 | 57.4 | 86.2 |
| 43 | 39.2 | 22.2 | 33.4# |



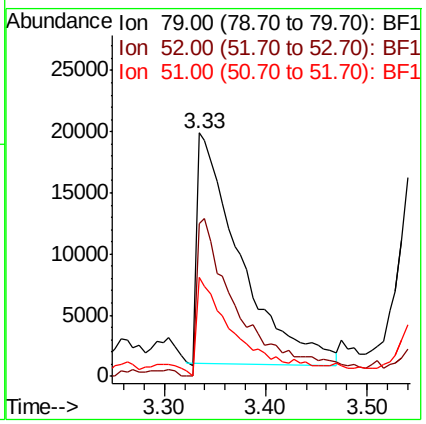


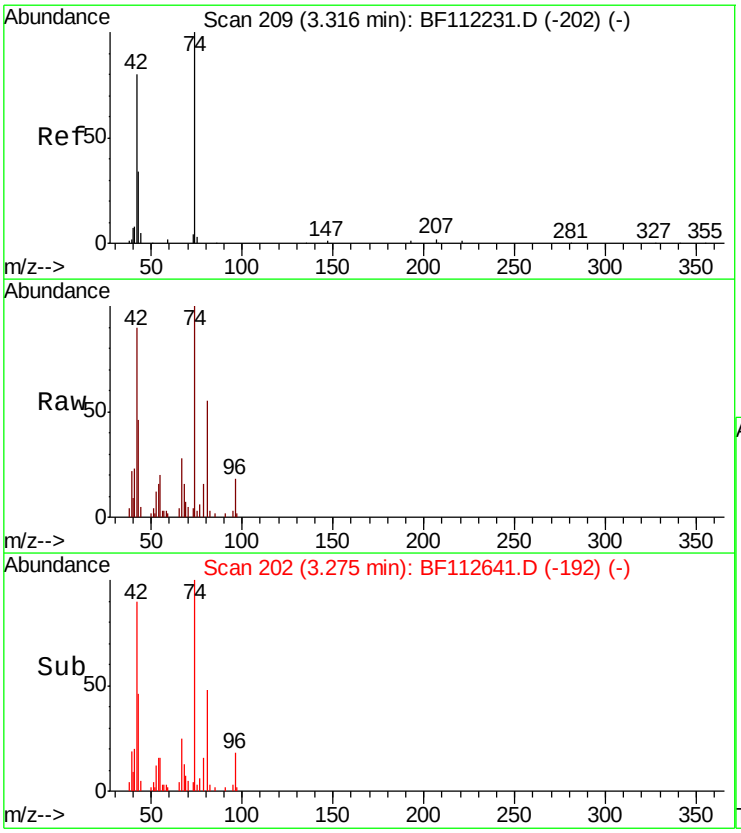

#3
Pyridine
Concen: 15.110 ng
RT: 3.33 min Scan# 212
Delta R.T. -0.04 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion: 79 Resp: 55742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.6 | 52.4 | 78.6 |
| 51 | 40.7 | 26.1 | 39.1# |

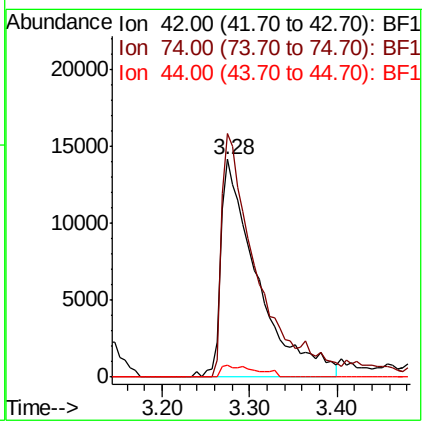


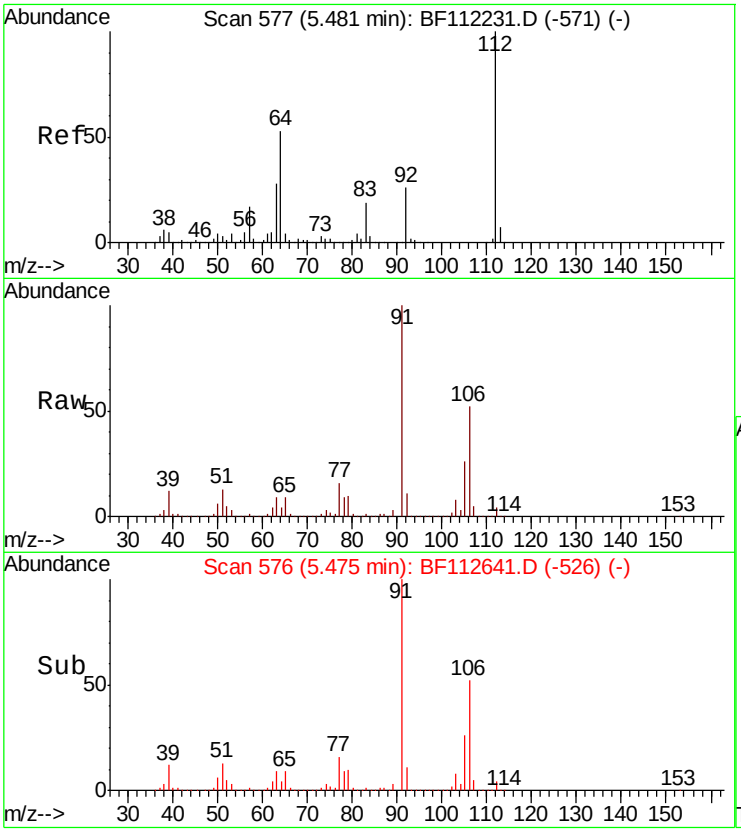




#4
n-Nitrosodimethylamine
Concen: 26.193 ng
RT: 3.28 min Scan# 202
Delta R.T. -0.04 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 42 Resp: 40597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 111.7 | 105.6 | 158.4 |
| 44 | 5.5 | 5.4 | 8.2 |



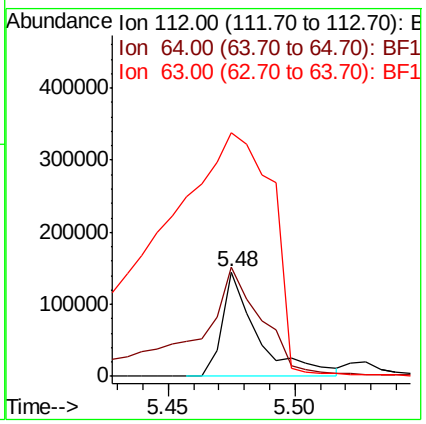


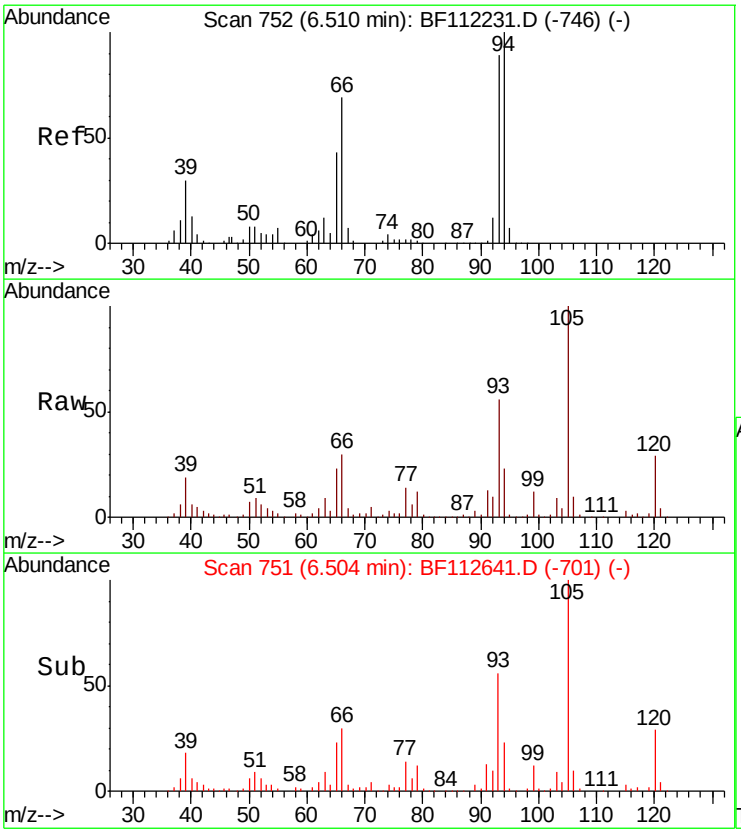

#5
2-Fluorophenol
Concen: 38.280 ng
RT: 5.48 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:112 Resp: 139360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 104.2 | 45.7 | 68.5# |
| 63 | 233.2 | 23.6 | 35.4# |

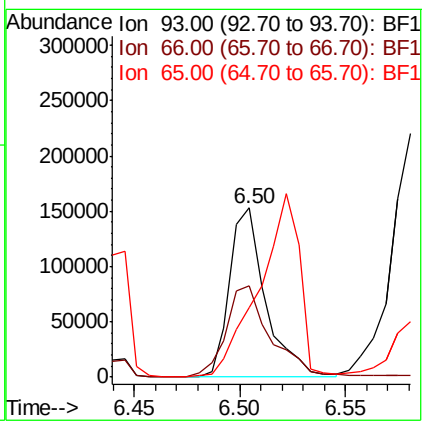


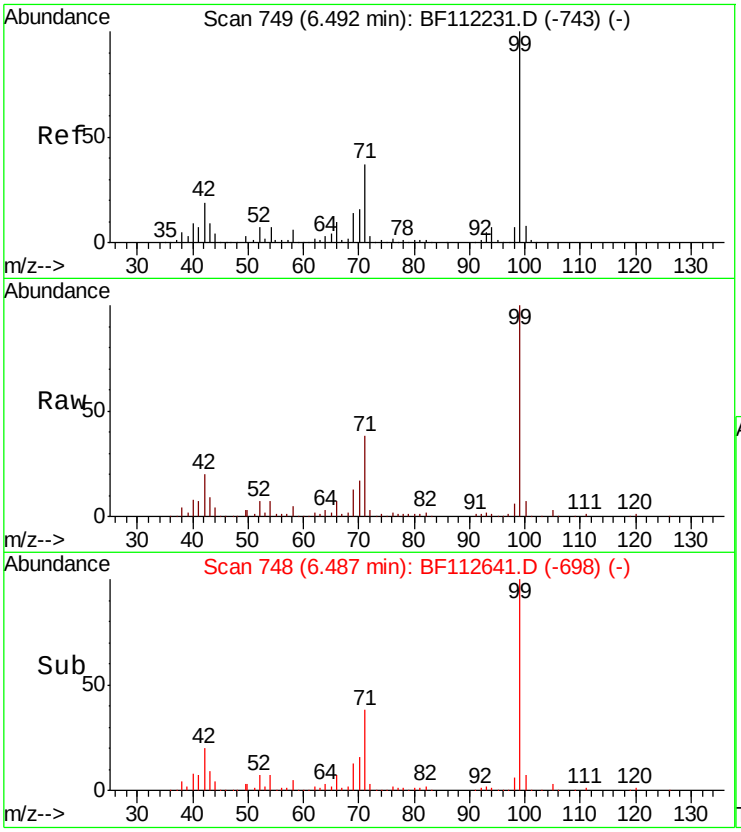




#6
Aniline
Concen: 30.064 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 93 Resp: 180918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 54.1 | 43.4 | 65.2 |
| 65 | 40.9 | 25.3 | 37.9# |



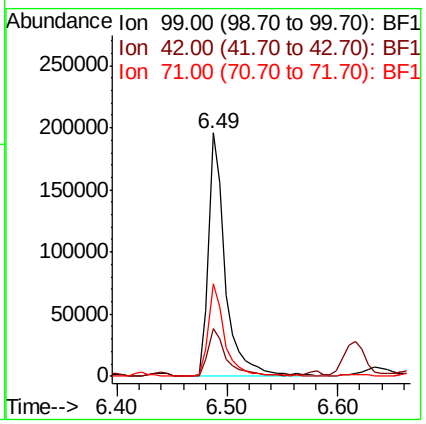


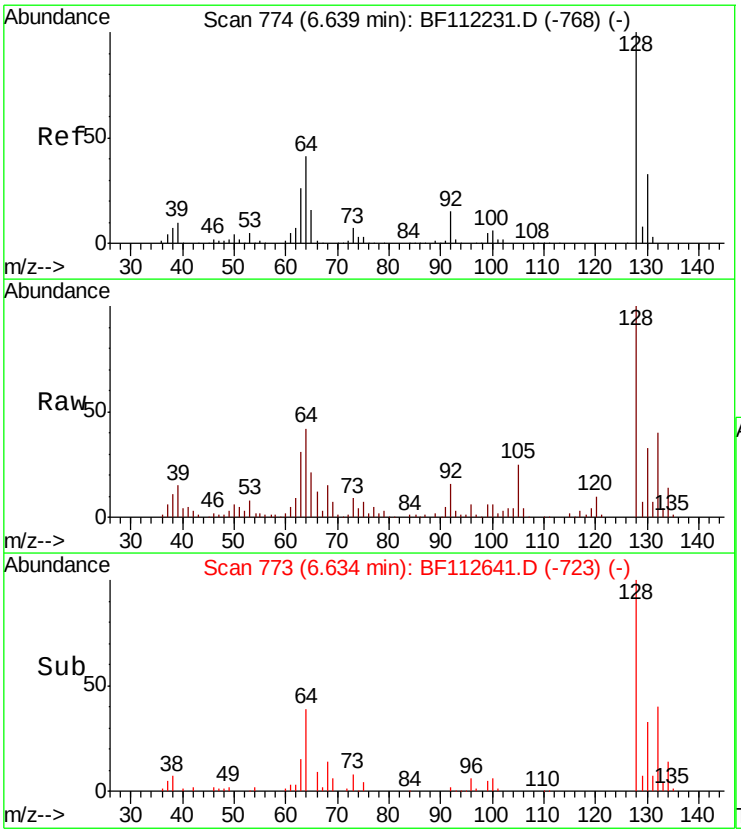

#7
Phenol-d6
Concen: 40.218 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion: 99 Resp: 203451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.7 | 15.1 | 22.7 |
| 71 | 38.0 | 26.9 | 40.3 |

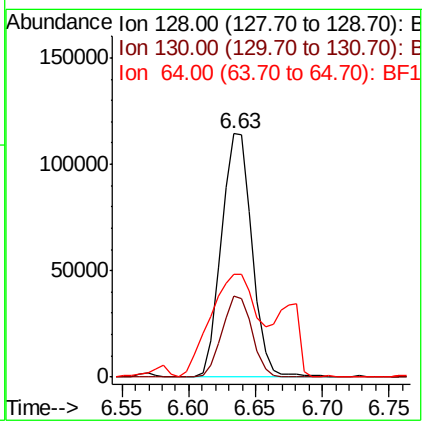


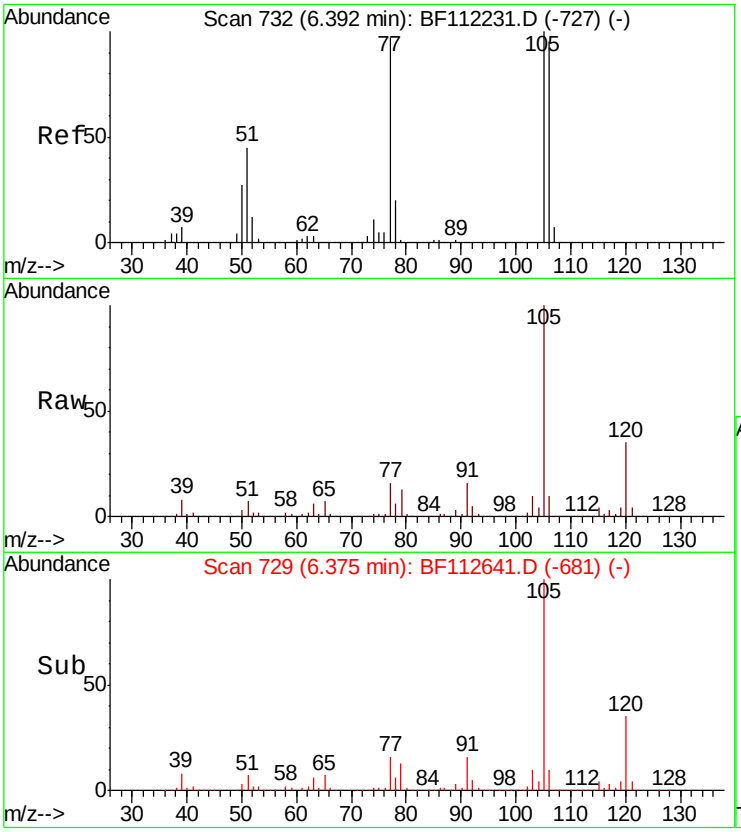




#8
2-Chlorophenol
Concen: 37.746 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:128 Resp: 184858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.1 | 13.4 | 53.4 |
| 64 | 42.3 | 20.5 | 60.5 |



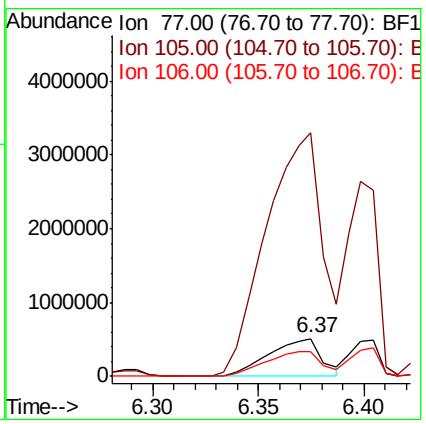


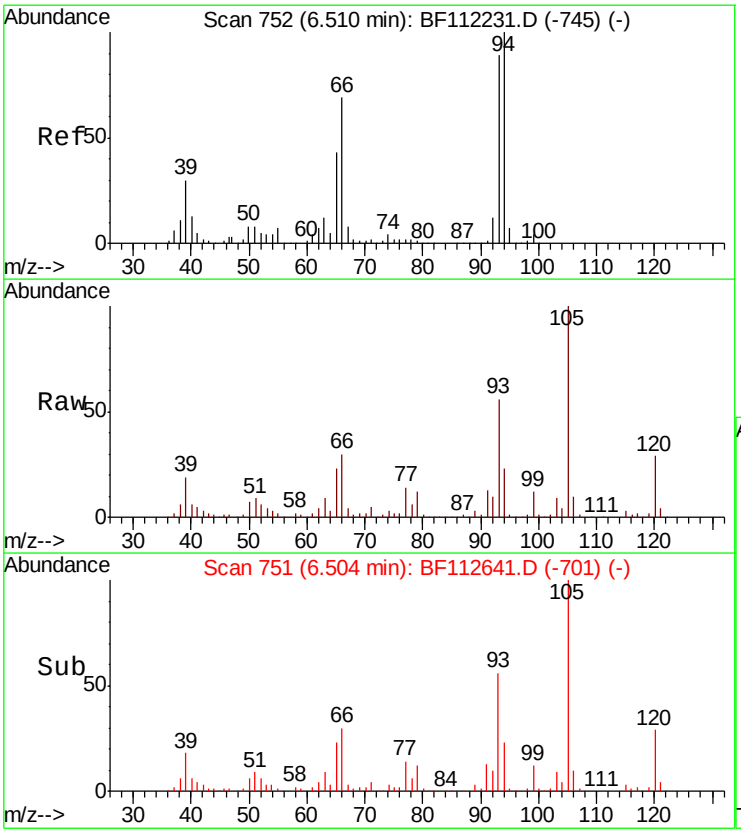

#9
Benzaldehyde
Concen: 336.719 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion: 77 Resp: 890305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 643.9 | 80.8 | 120.8# |
| 106 | 65.3 | 75.7 | 115.7# |

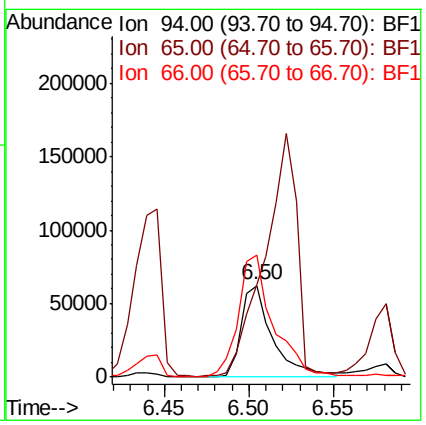


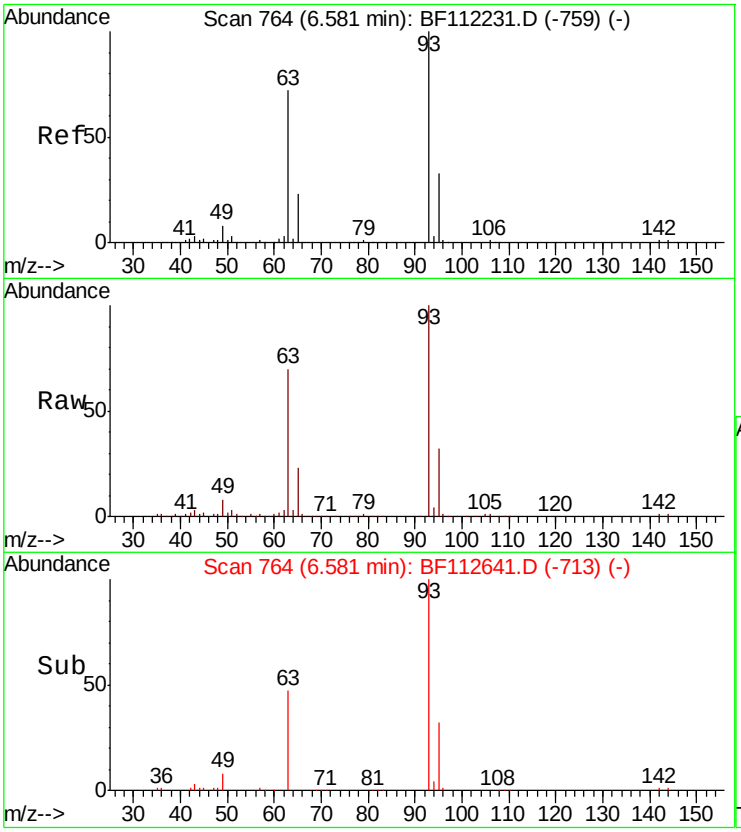




#10
Phenol
Concen: 14.833 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 94 Resp: 82321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 100.3 | 20.3 | 60.3# |
| 66 | 132.6 | 42.4 | 82.4# |



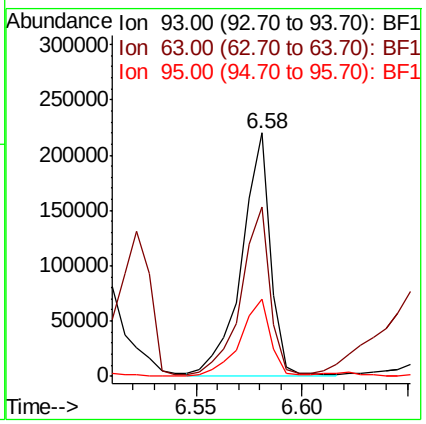


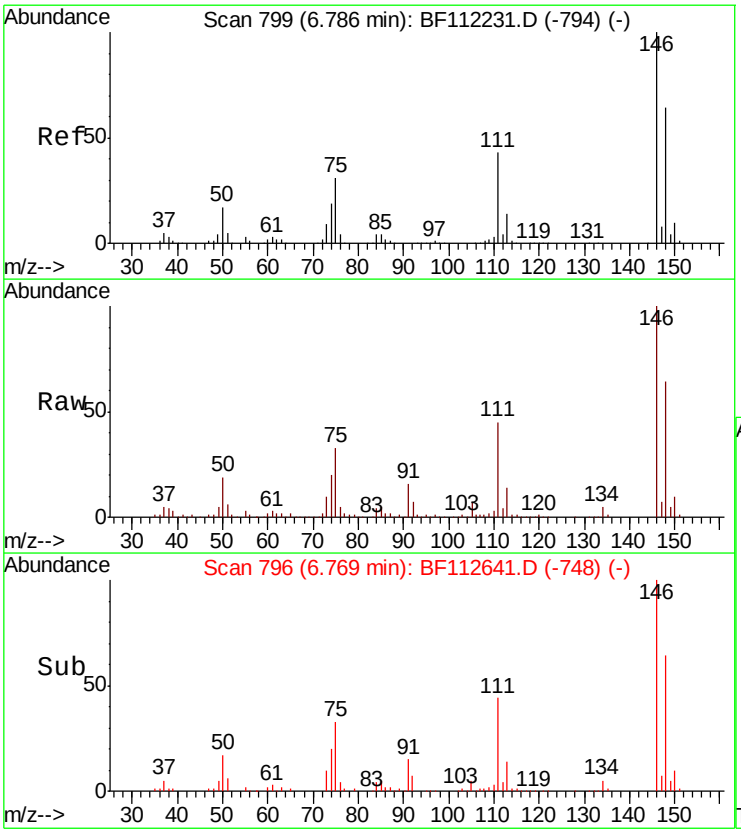

#11
bis(2-Chloroethyl)ether
Concen: 48.019 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion: 93 Resp: 209815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.5 | 53.3 | 93.3 |
| 95 | 31.7 | 13.4 | 53.4 |

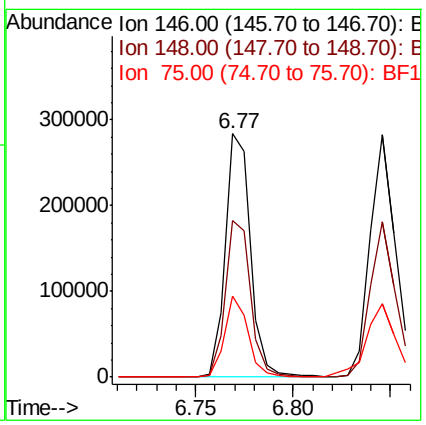


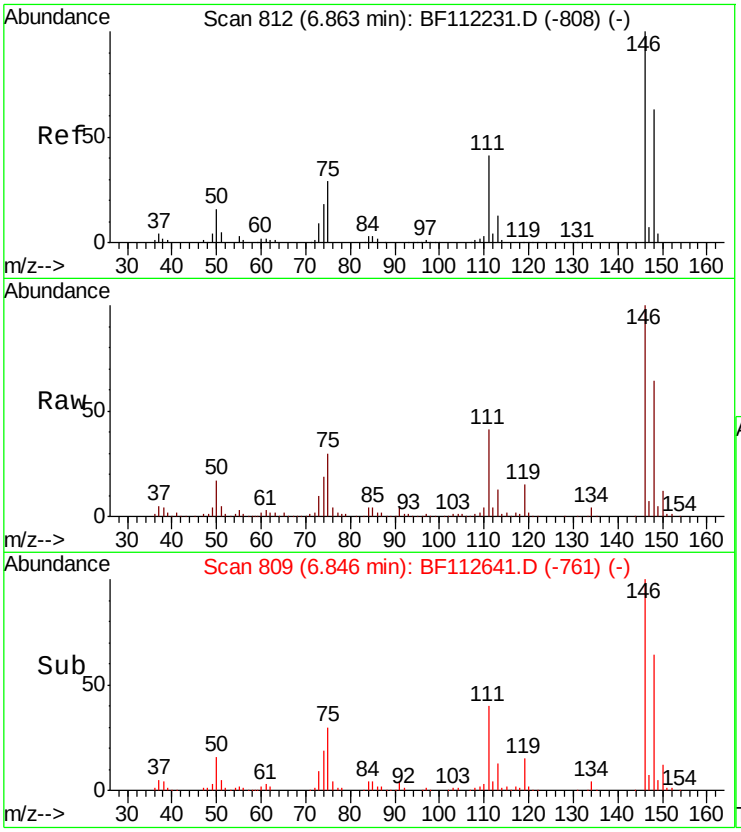




#12
1,3-Dichlorobenzene
Concen: 44.468 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:146 Resp: 253628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.8 | 77.8 |
| 75 | 33.4 | 23.1 | 34.7 |



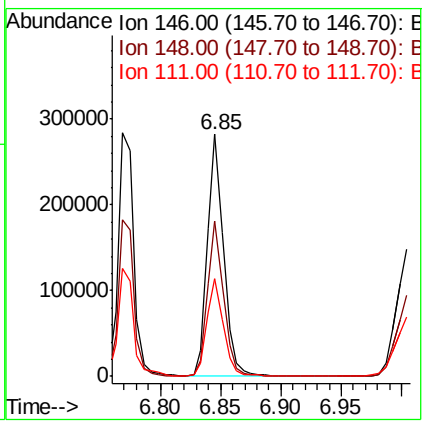


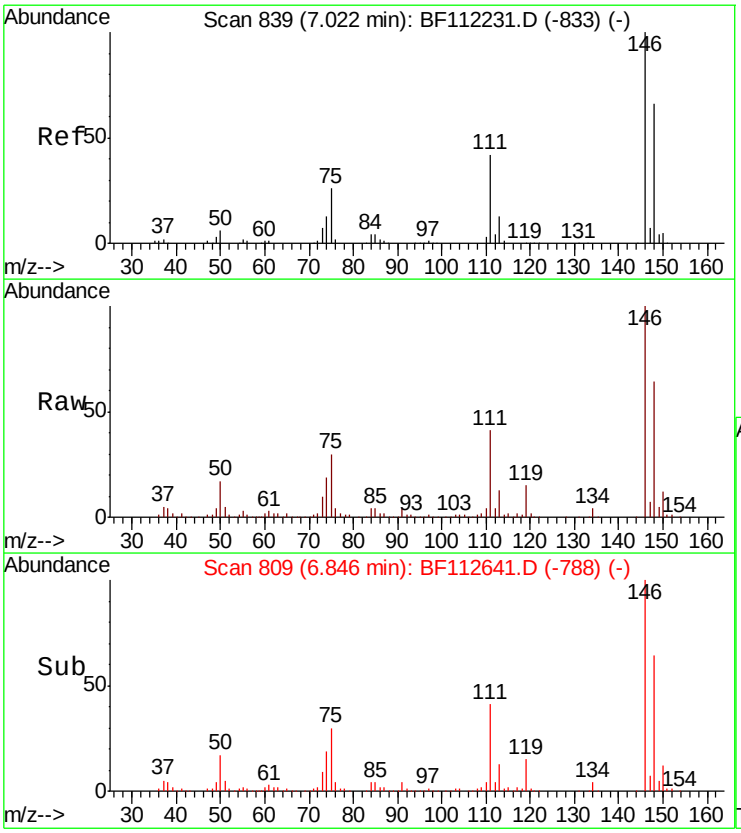

#13
1,4-Dichlorobenzene
Concen: 44.892 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:146 Resp: 263513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 52.0 | 78.0 |
| 111 | 40.6 | 31.2 | 46.8 |

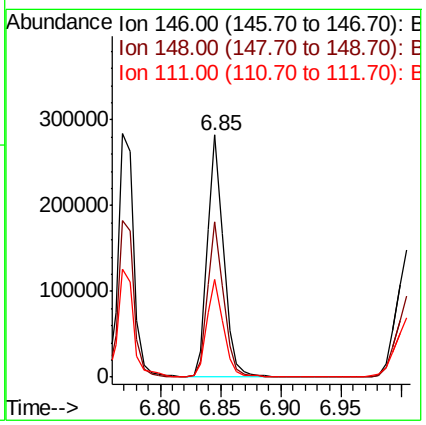


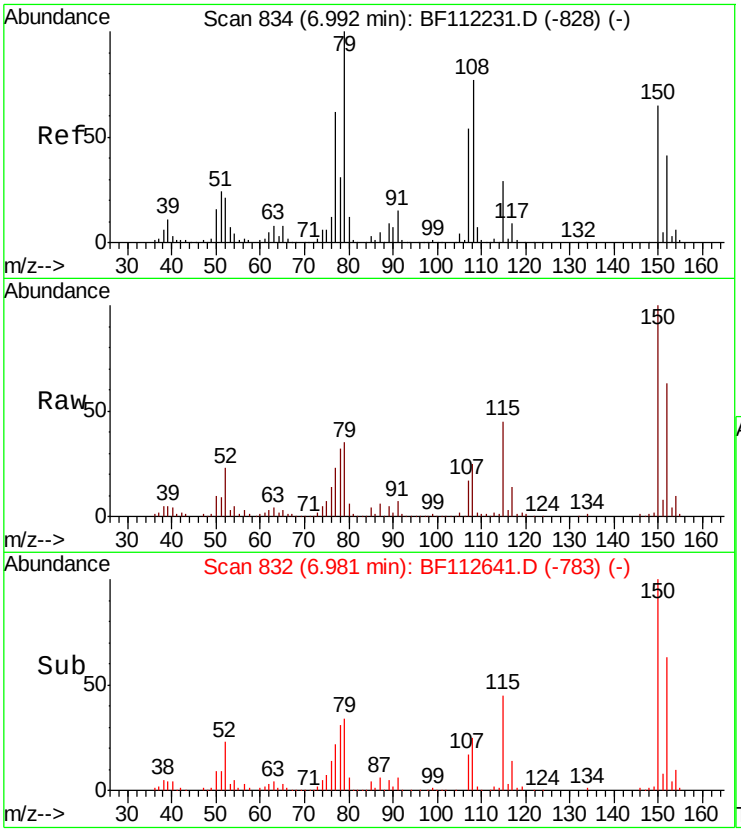




#14
1,2-Dichlorobenzene
Concen: 47.948 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.18 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:146 Resp: 263513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 52.2 | 78.4 |
| 111 | 40.6 | 31.2 | 46.8 |



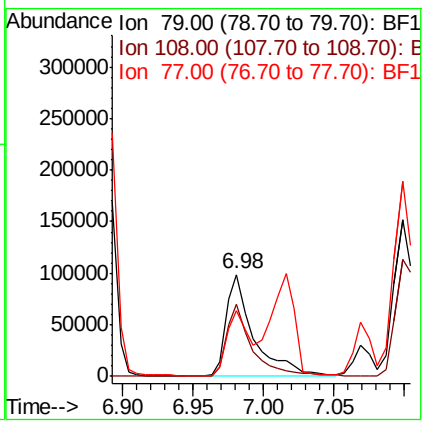


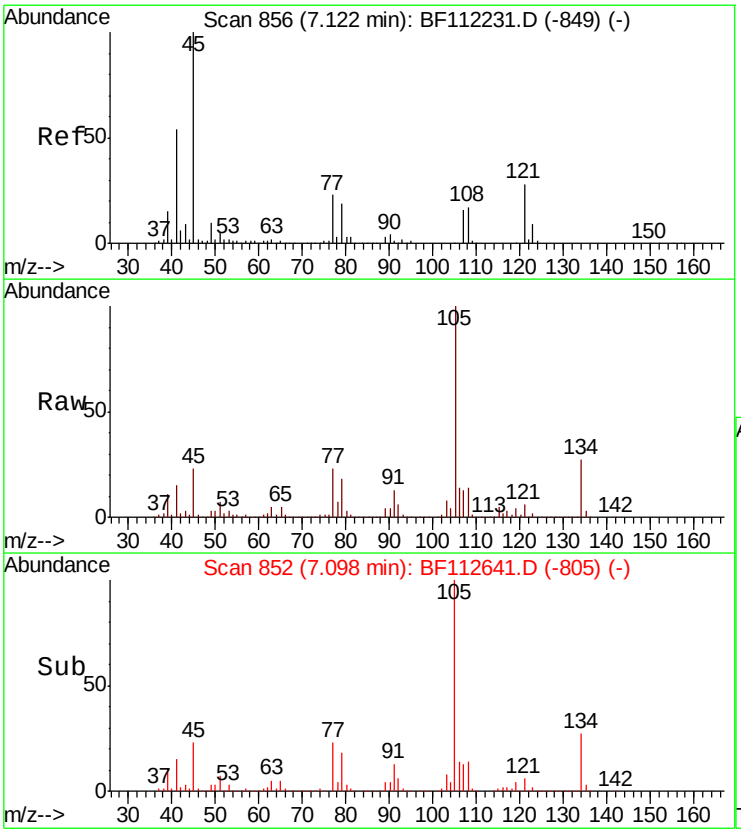

#15
Benzyl Alcohol
Concen: 30.965 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion: 79 Resp: 132044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 71.2 | 64.2 | 96.2 |
| 77 | 64.4 | 50.3 | 75.5 |

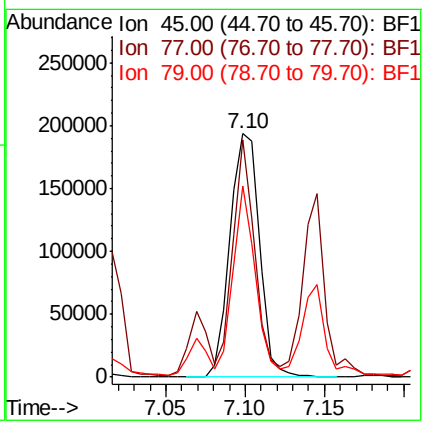


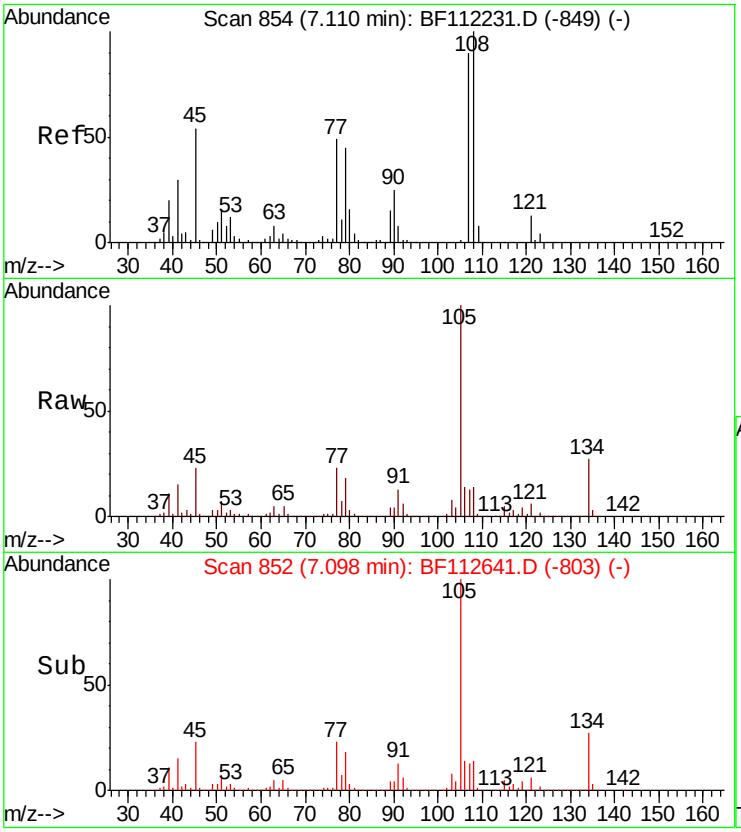




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.491 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 45 Resp: 249603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 97.5 | 0.0 | 36.9# |
| 79 | 78.4 | 0.0 | 34.0# |



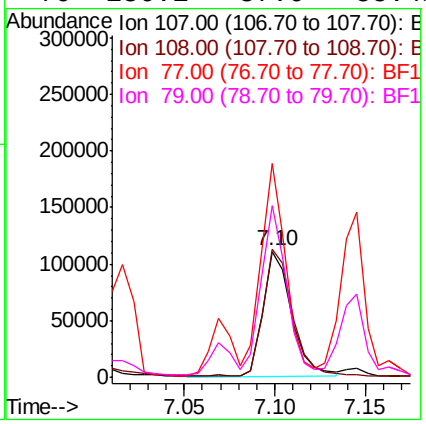


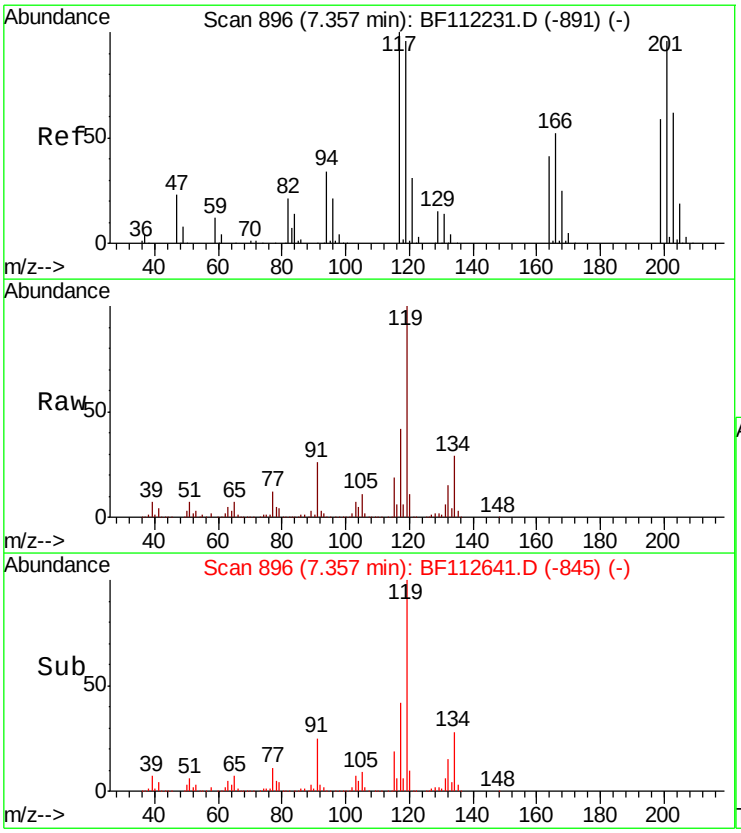

#17
2-Methylphenol
Concen: 31.704 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:107 Resp: 123083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 101.9 | 91.3 | 136.9 |
| 77 | 169.4 | 39.0 | 58.6# |
| 79 | 136.1 | 37.0 | 55.4# |

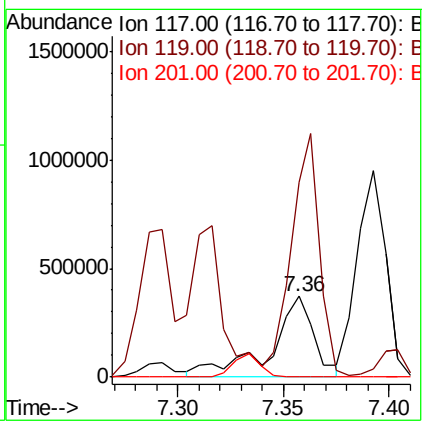


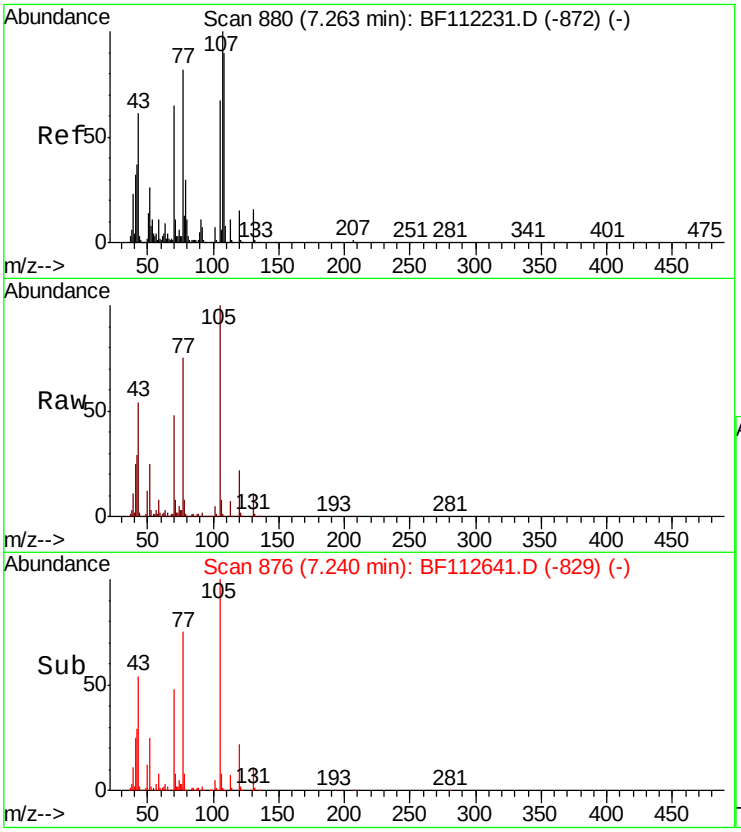




#18
Hexachloroethane
Concen: 259.517 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:117 Resp: 534932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 240.5 | 77.0 | 115.4# |
| 201 | 0.0 | 74.1 | 111.1# |



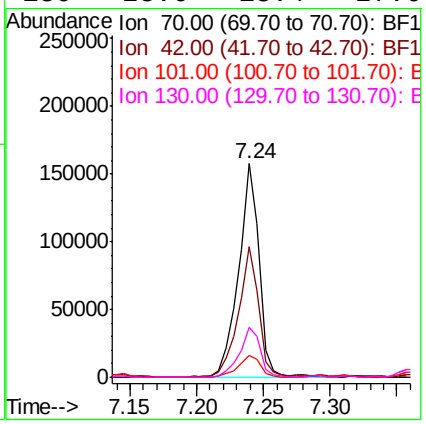


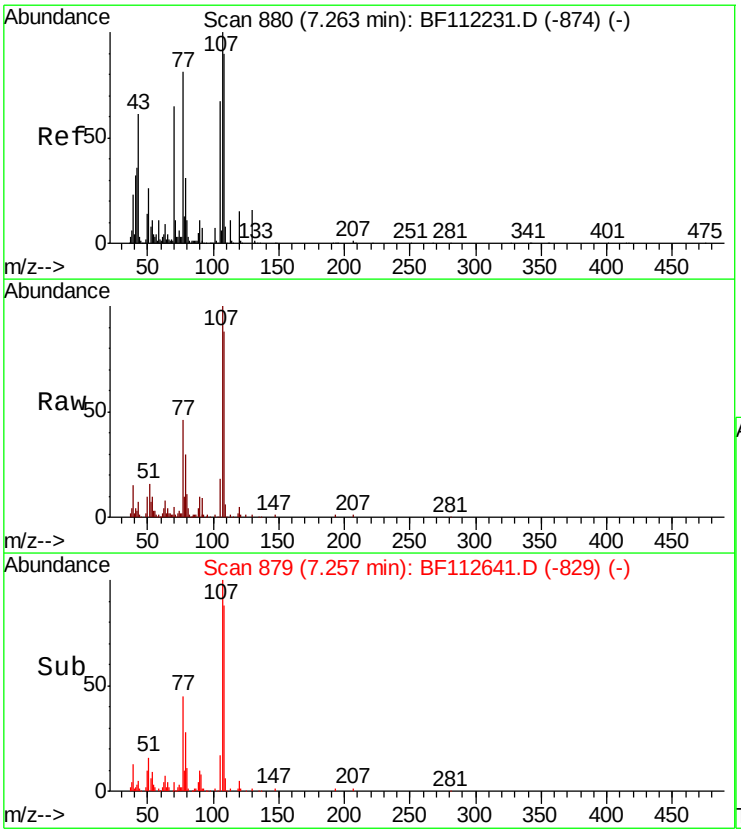

#19
n-Nitroso-di-n-propylamine
Concen: 48.285 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion: 70 Resp: 168426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 61.2 | 47.6 | 71.4 |
| 101 | 10.3 | 7.9 | 11.9 |
| 130 | 23.6 | 18.4 | 27.6 |

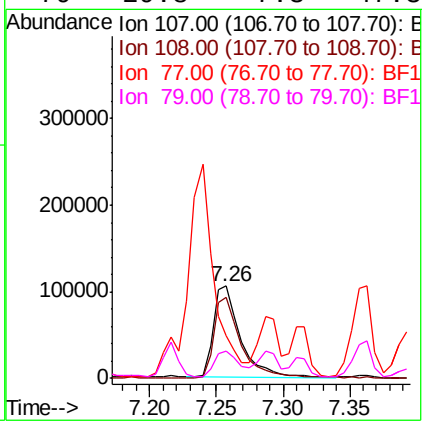


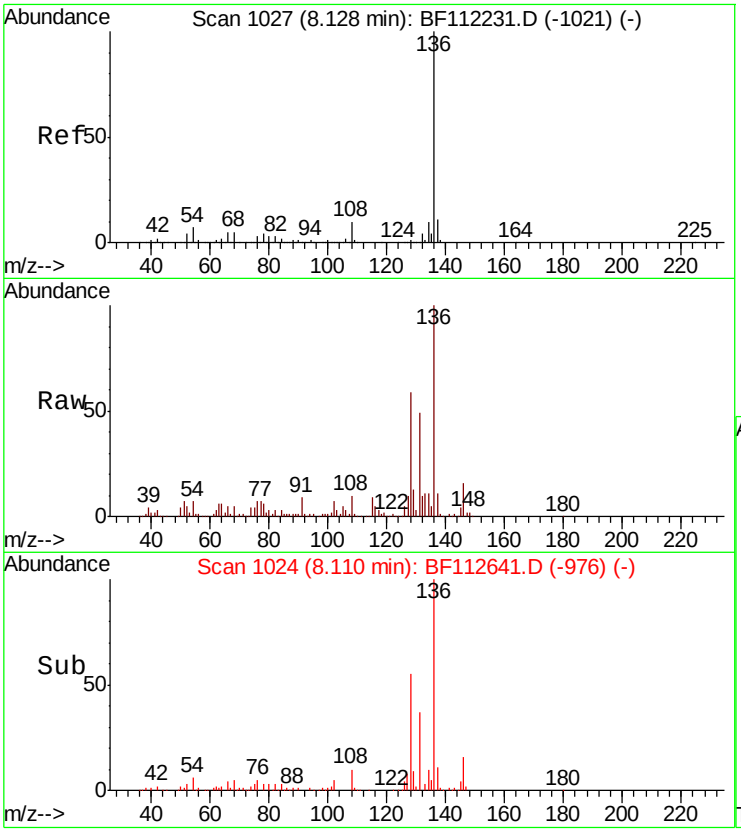




#20
3+4-Methylphenols
Concen: 30.498 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:107 Resp: 151410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.8 | 68.2 | 108.2 |
| 77 | 45.5 | 100.7 | 140.7# |
| 79 | 29.8 | 7.3 | 47.3 |



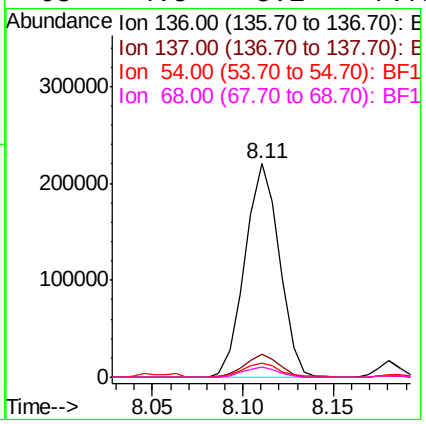


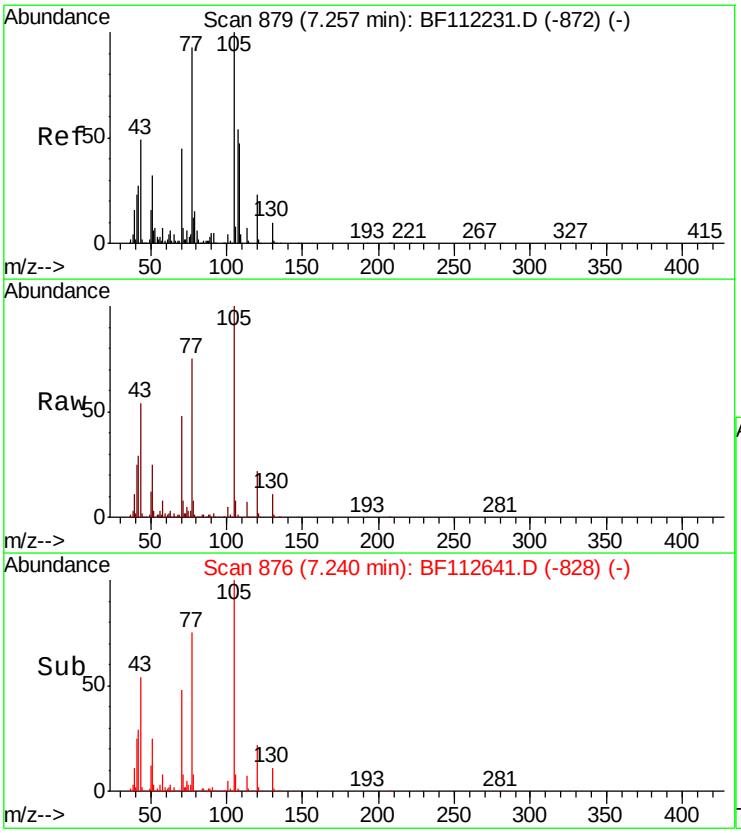

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:136 Resp: 290318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.1 | 13.7 |
| 54 | 6.6 | 5.9 | 8.9 |
| 68 | 4.5 | 5.1 | 7.7# |

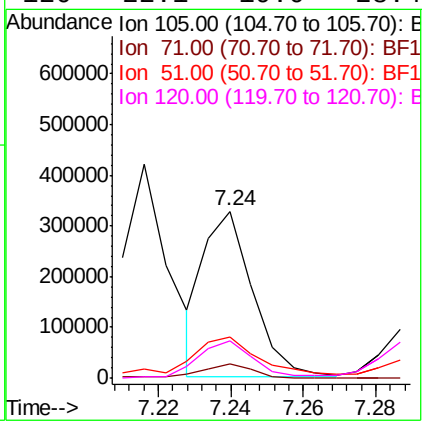


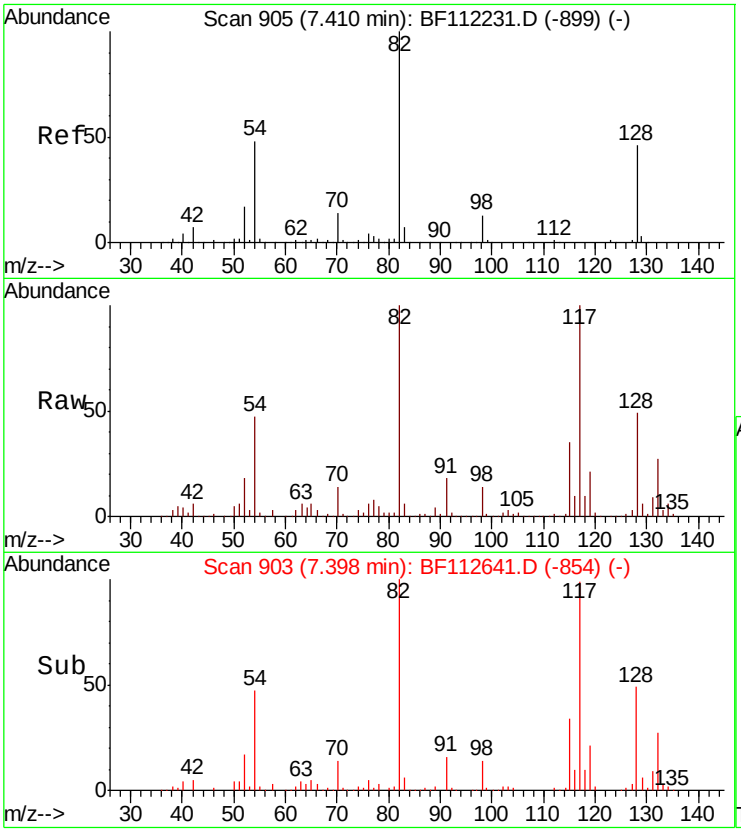




#22
Acetophenone
Concen: 43.405 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:105 Resp: 306839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.5 | 4.6 | 6.8# |
| 51 | 24.9 | 25.0 | 37.6# |
| 120 | 22.1 | 19.0 | 28.4 |



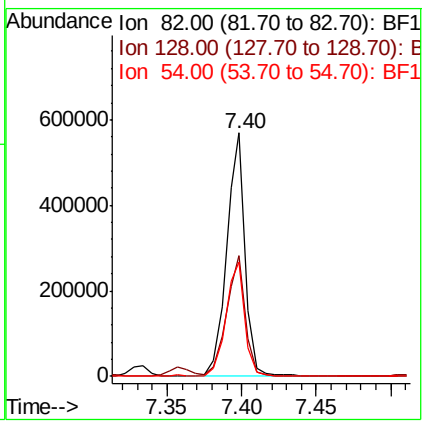


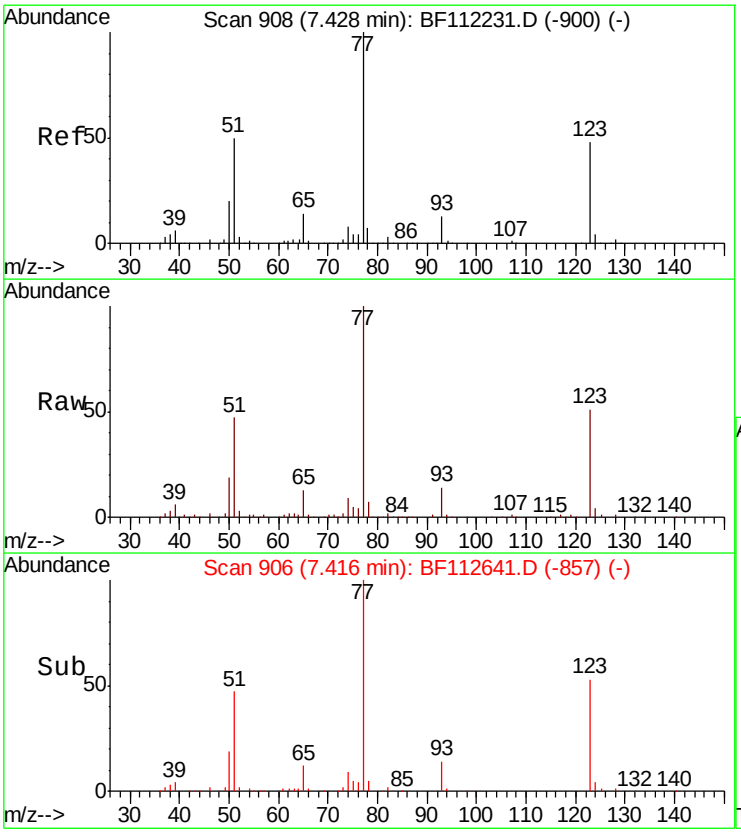

#23
Nitrobenzene-d5
Concen: 98.630 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion: 82 Resp: 496946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.3 | 37.8 | 56.8 |
| 54 | 47.1 | 39.7 | 59.5 |

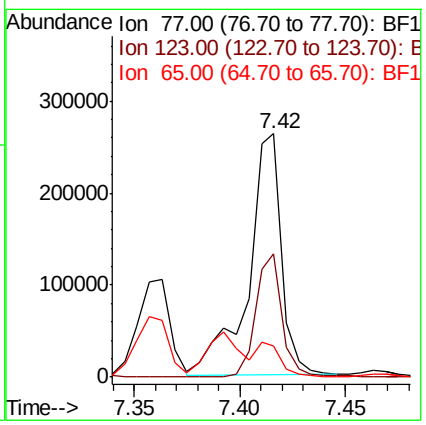


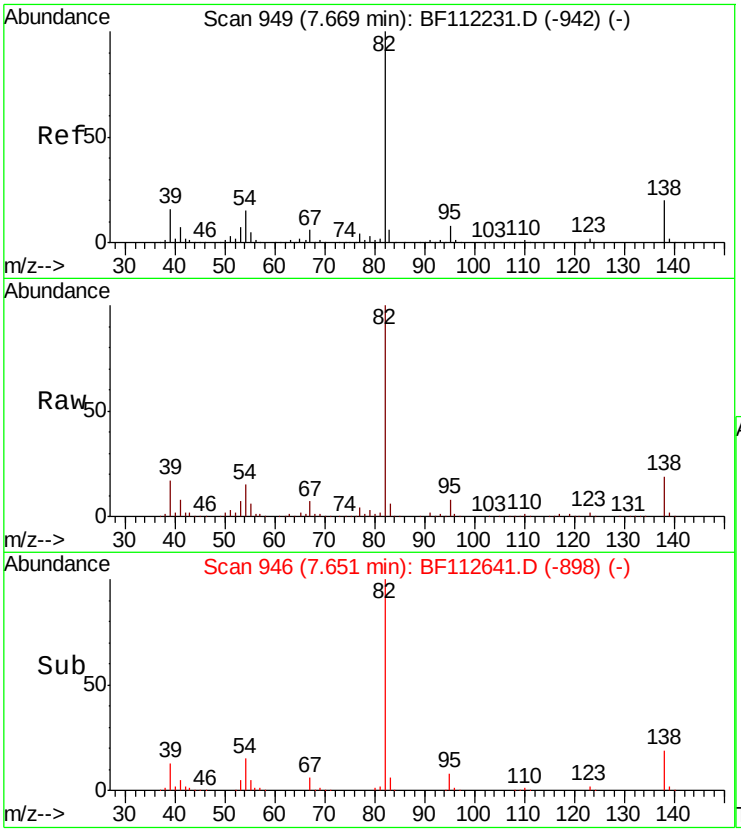




#24
Nitrobenzene
Concen: 57.282 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 77 Resp: 288244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 50.7 | 38.4 | 57.6 |
| 65 | 12.9 | 10.6 | 15.8 |



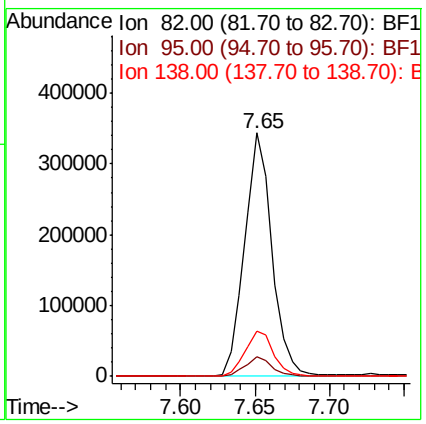


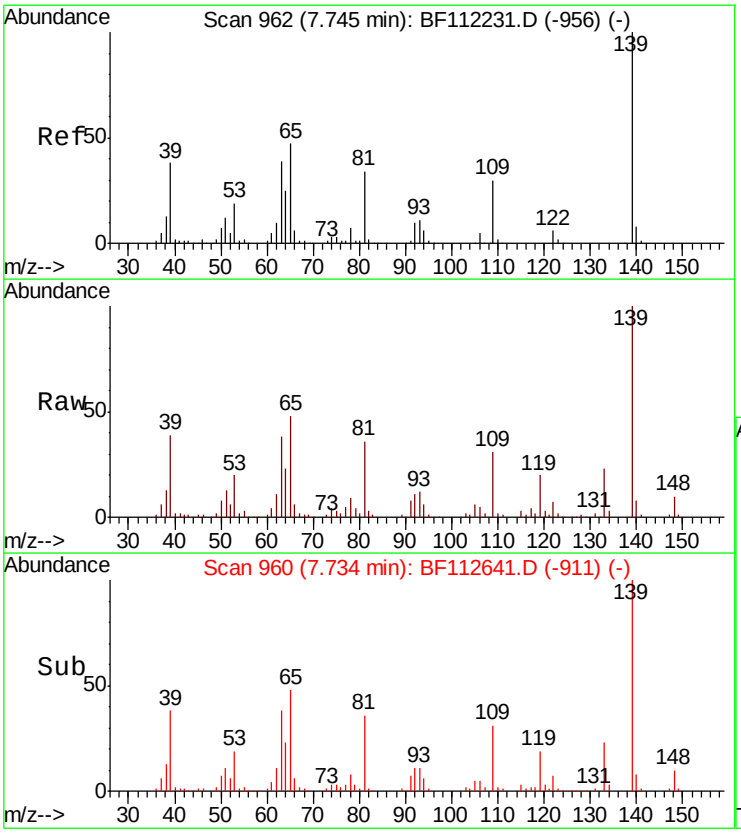

#25
Isophorone
Concen: 55.211 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion: 82 Resp: 436407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.9 | 5.7 | 8.5 |
| 138 | 18.7 | 15.4 | 23.0 |

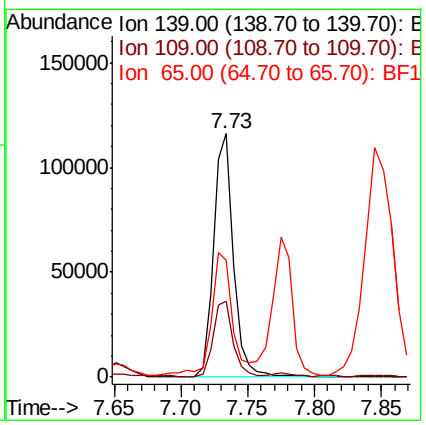


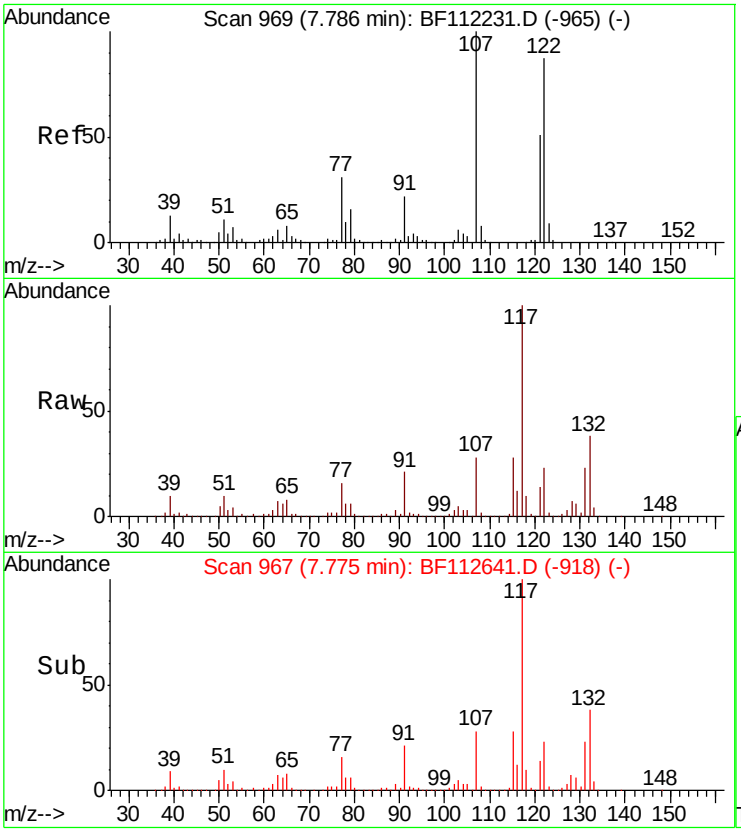




#26
2-Nitrophenol
Concen: 45.566 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:139 Resp: 122535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.4 | 20.8 | 31.2# |
| 65 | 48.2 | 34.4 | 51.6 |



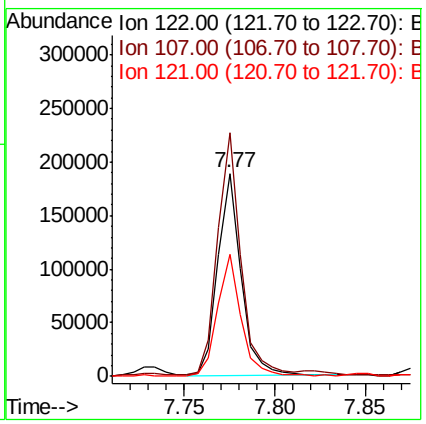


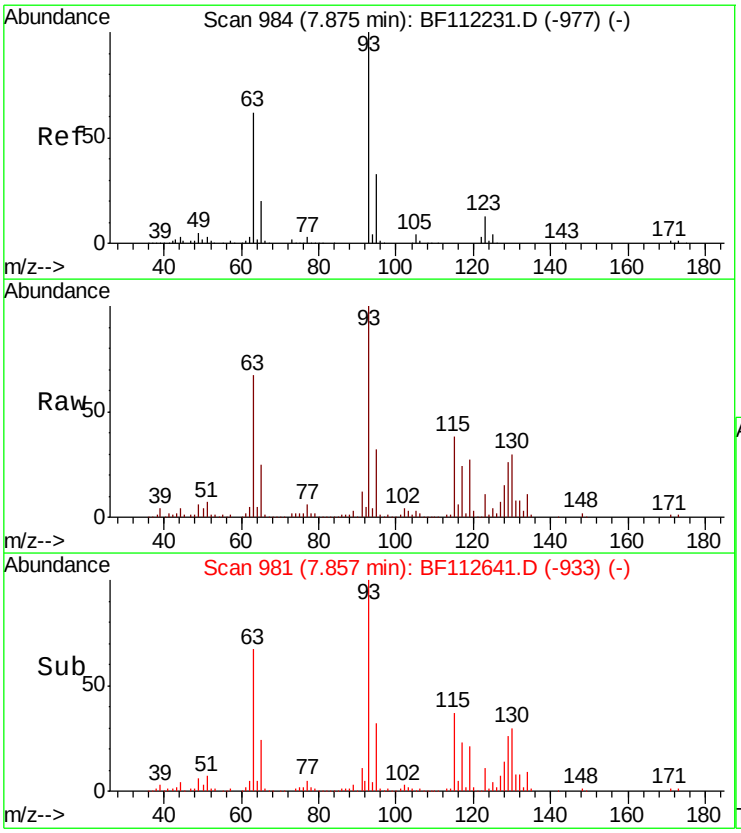

#27
2,4-Dimethylphenol
Concen: 45.637 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:122 Resp: 169086

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 119.9 | 85.4 | 128.0 |
| 121 | 60.3 | 47.0 | 70.4 |

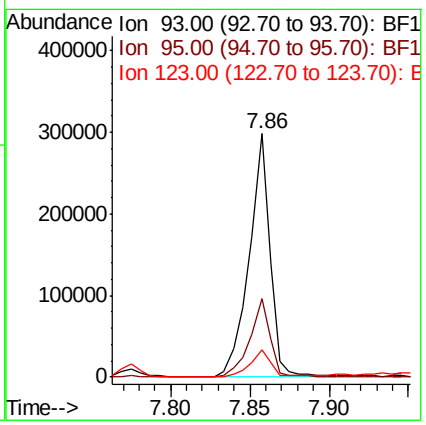


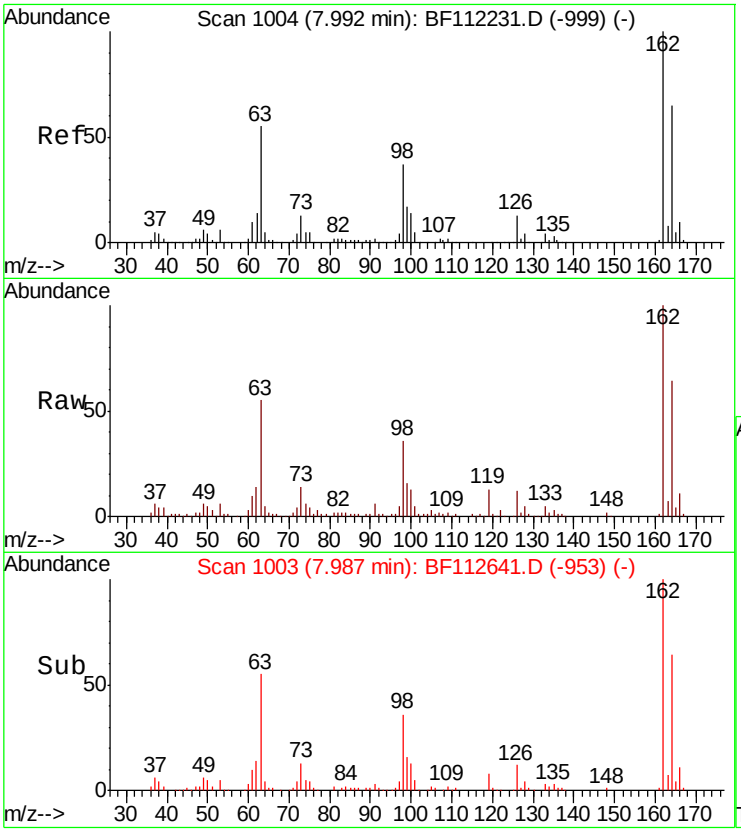




#28
bis(2-Chloroethoxy)methane
Concen: 50.417 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 93 Resp: 271350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.2 | 26.8 | 40.2 |
| 123 | 11.4 | 10.2 | 15.2 |



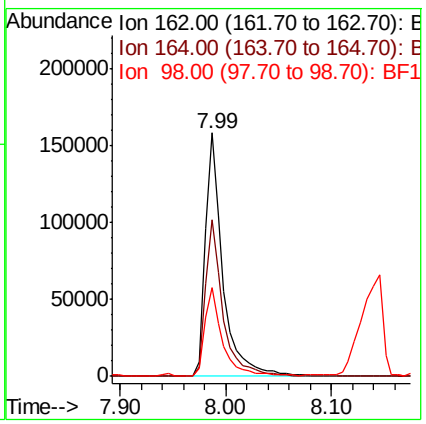


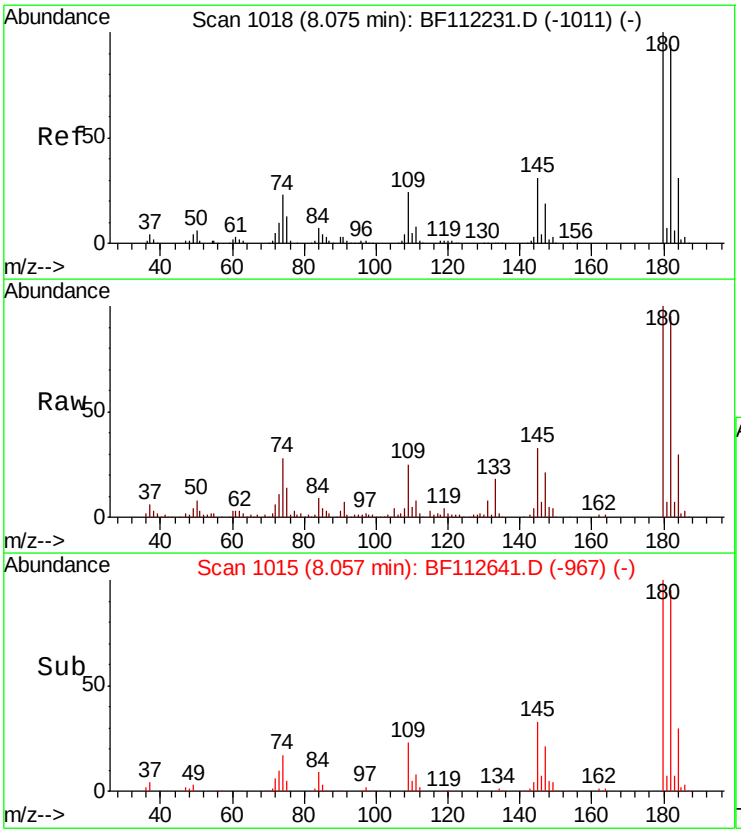

#29
2,4-Dichlorophenol
Concen: 43.893 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:162 Resp: 181990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.4 | 44.6 | 84.6 |
| 98 | 36.4 | 14.6 | 54.6 |

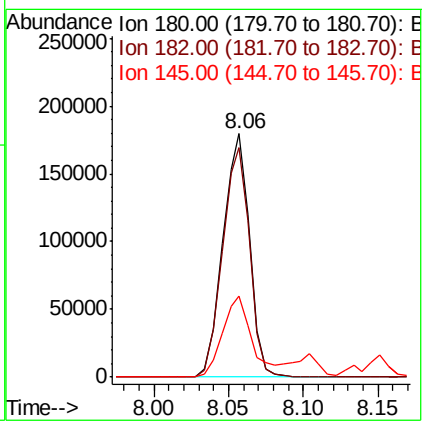


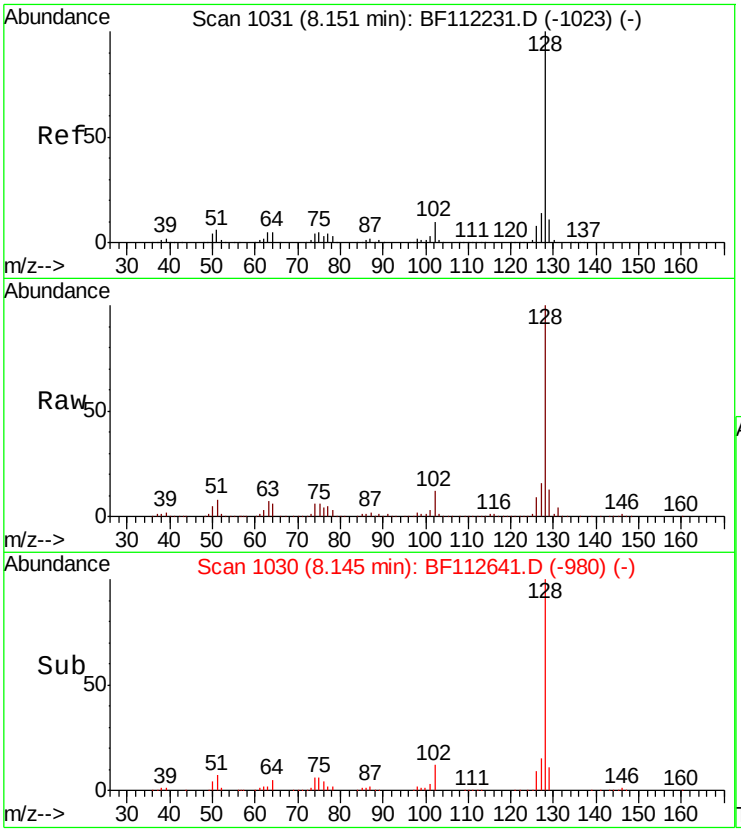




#30
1,2,4-Trichlorobenzene
Concen: 47.293 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:180 Resp: 225395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.5 | 76.4 | 114.6 |
| 145 | 33.5 | 25.0 | 37.4 |

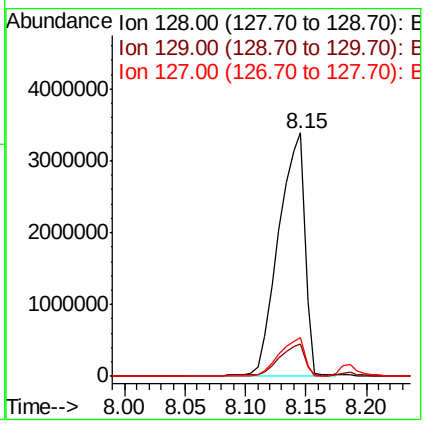




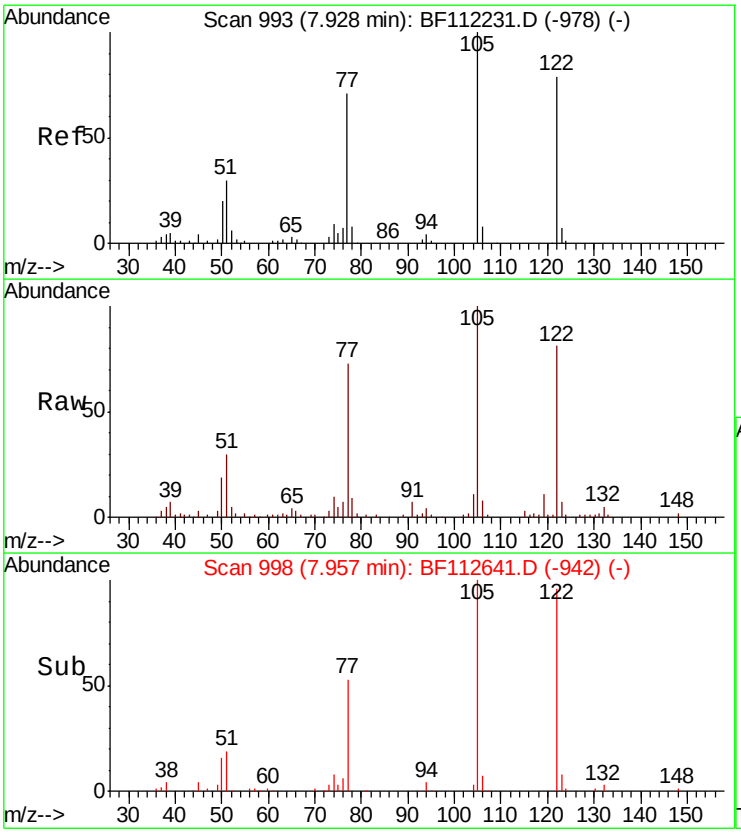

#31
Naphthalene
Concen: 376.234 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:128 Resp: 5107953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 13.3 | 9.6 | 14.4 |
| 127 | 15.9 | 11.1 | 16.7 |



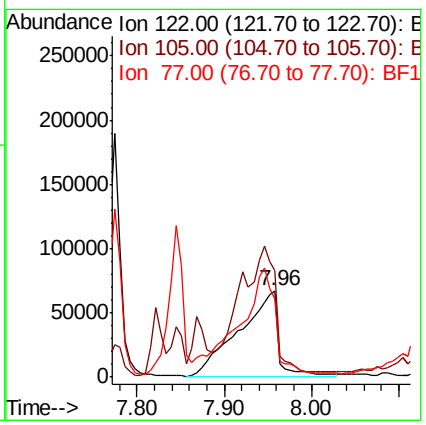

**Instrument :**
BNA_F
**ClientSampleId :**

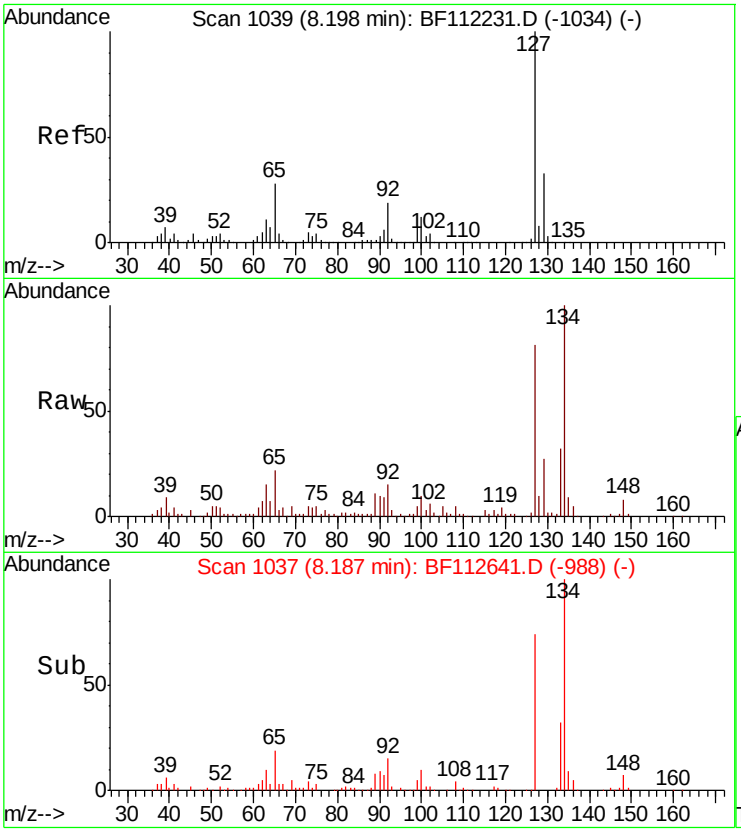



#32
Benzoic acid
Concen: 97.053 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:122 Resp: 205116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.5 | 101.2 | 141.2 |
| 77 | 90.7 | 70.4 | 110.4 |



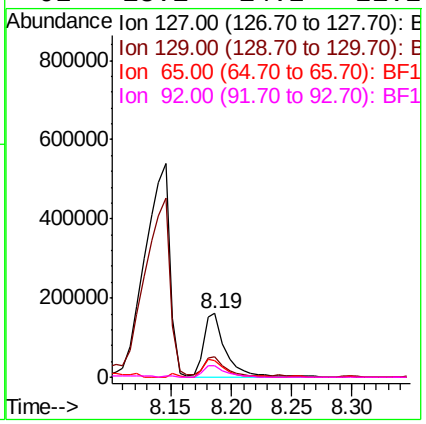


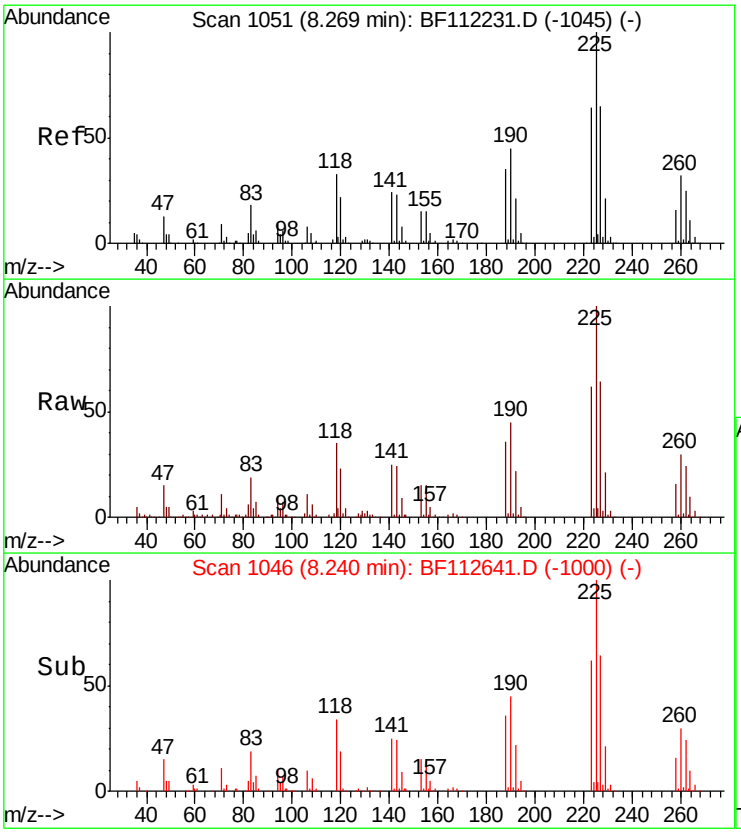

#33
4-Chloroaniline
Concen: 33.218 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:127 Resp: 196368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.2 | 26.6 | 39.8 |
| 65 | 27.2 | 21.4 | 32.2 |
| 92 | 18.1 | 14.2 | 21.2 |

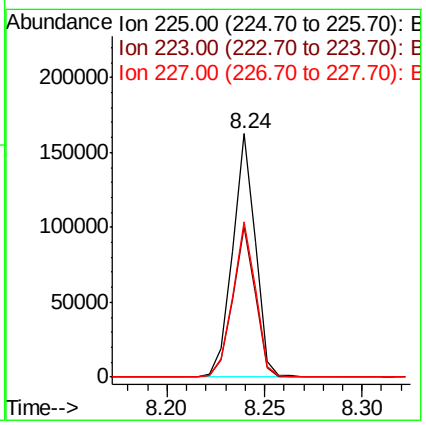


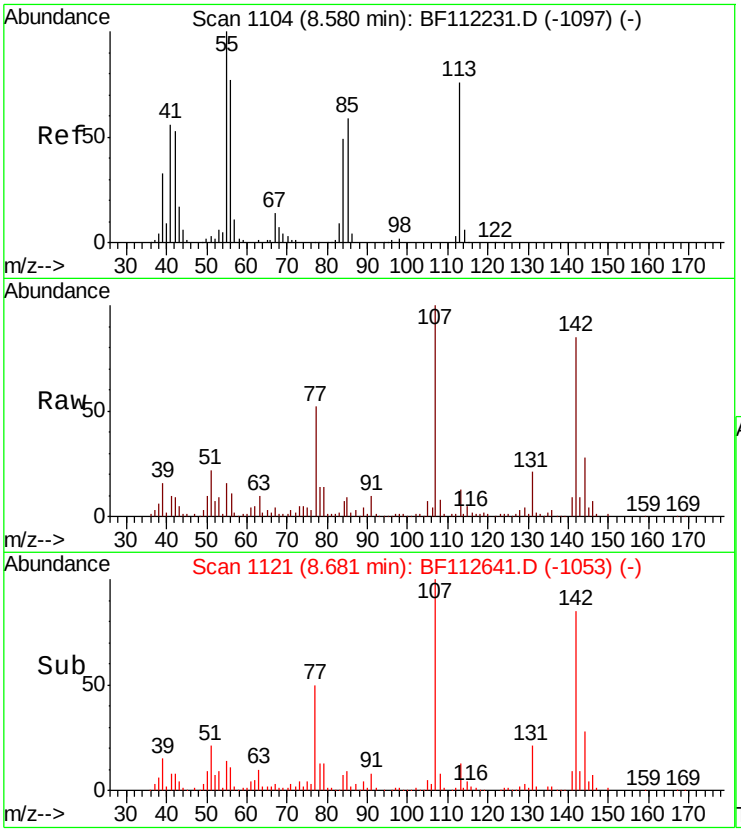




#34
Hexachlorobutadiene
Concen: 46.651 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:225 Resp: 130470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.7 | 50.3 | 75.5 |
| 227 | 63.9 | 51.8 | 77.8 |



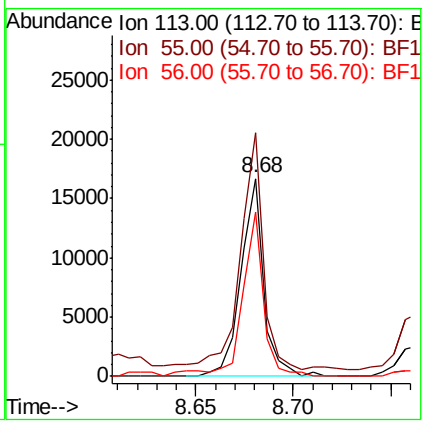


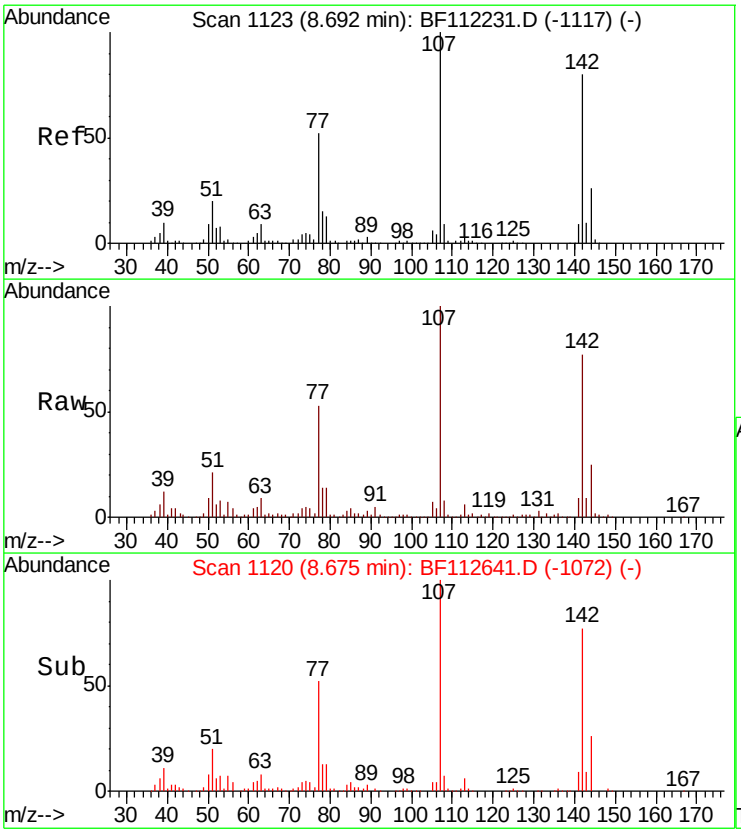

#35
Caprolactam
Concen: 9.224 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.10 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:113 Resp: 13492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 123.2 | 121.6 | 161.6 |
| 56 | 83.3 | 86.7 | 126.7# |

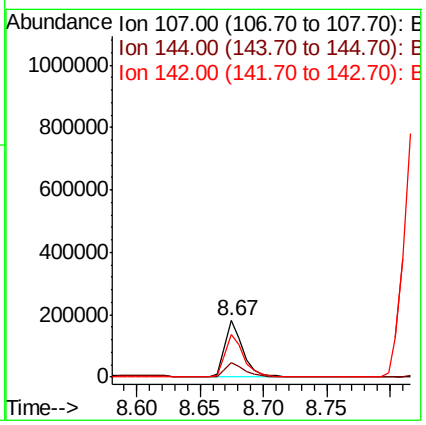


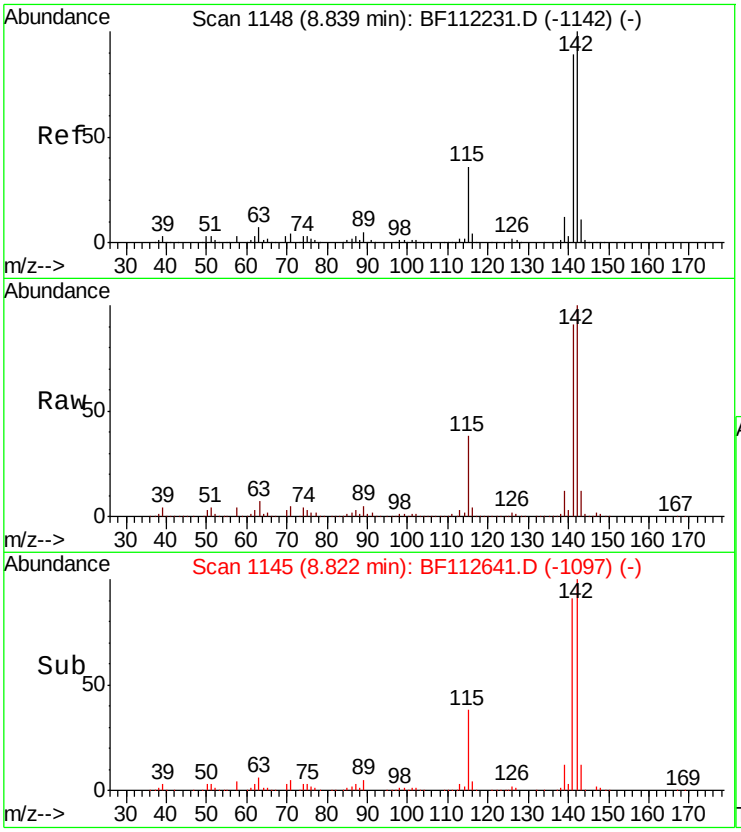




#36
4-Chloro-3-methylphenol
Concen: 40.167 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:107 Resp: 176302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.5 | 22.2 | 33.2 |
| 142 | 77.0 | 67.7 | 101.5 |



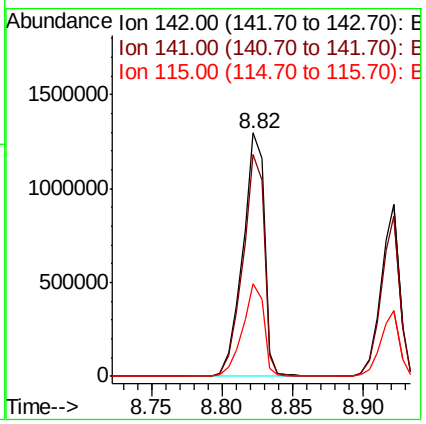


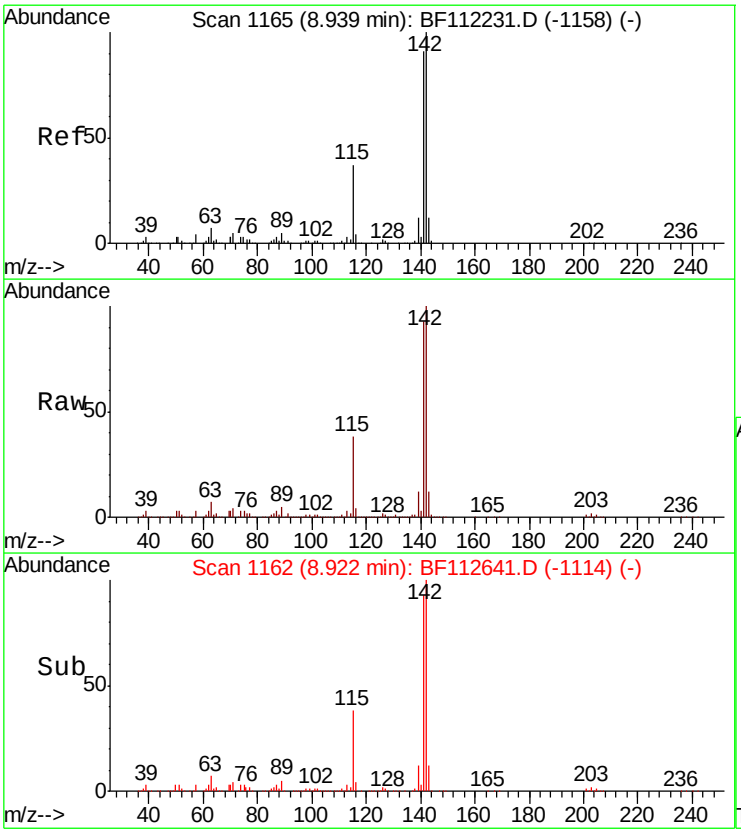

#37
2-Methylnaphthalene
Concen: 149.125 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:142 Resp: 1386002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.9 | 70.9 | 106.3 |
| 115 | 38.2 | 24.9 | 37.3# |

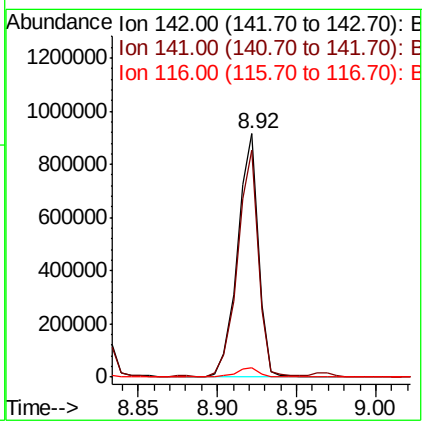


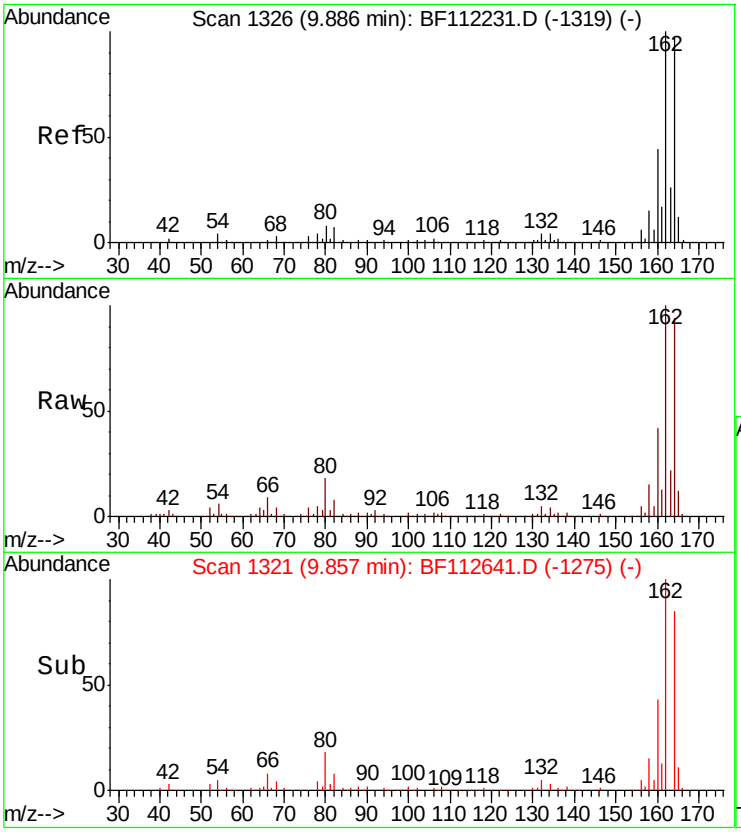




#38
1-Methylnaphthalene
Concen: 93.091 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:142 Resp: 829292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.3 | 72.6 | 108.8 |
| 116 | 4.1 | 2.8 | 4.2 |



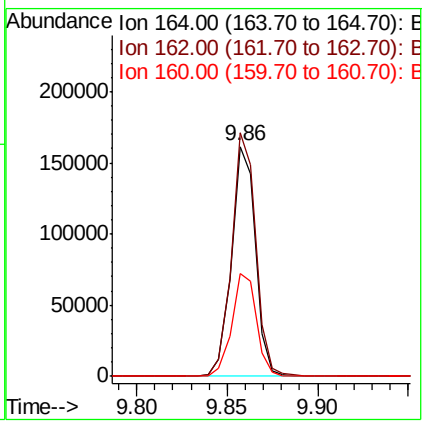


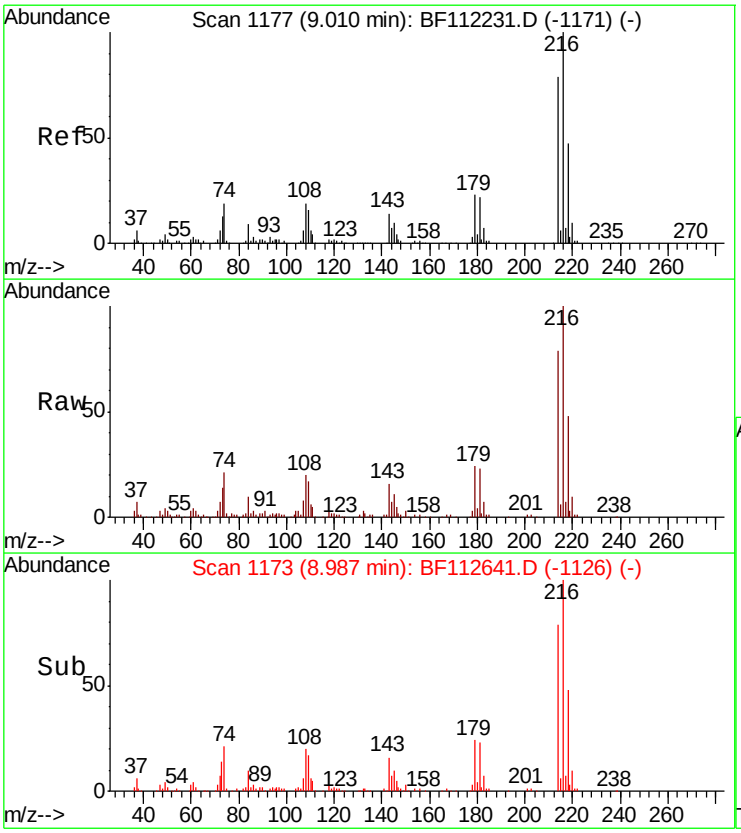

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:164 Resp: 148305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.1 | 82.2 | 123.4 |
| 160 | 44.9 | 36.2 | 54.4 |

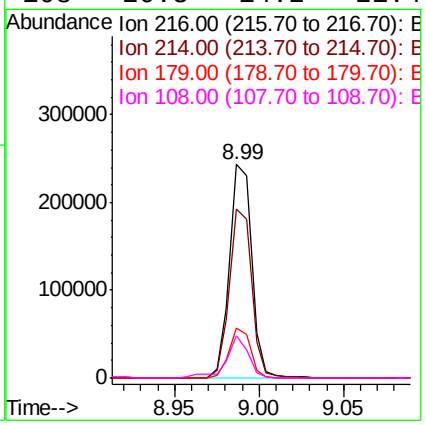


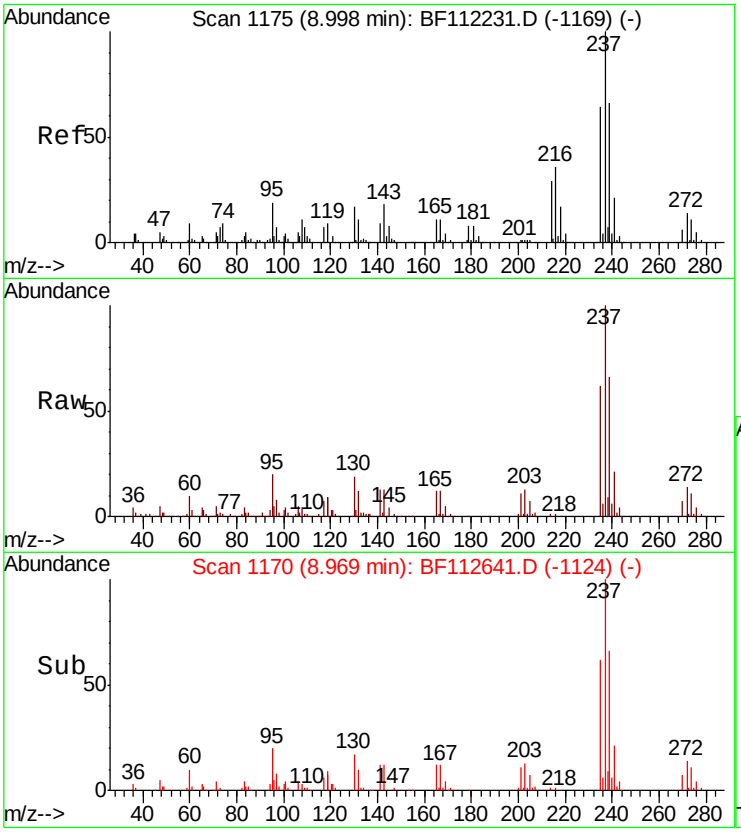




#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.784 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:216 Resp: 222941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.0 | 63.8 | 95.6 |
| 179 | 22.9 | 16.9 | 25.3 |
| 108 | 20.3 | 14.2 | 21.4 |



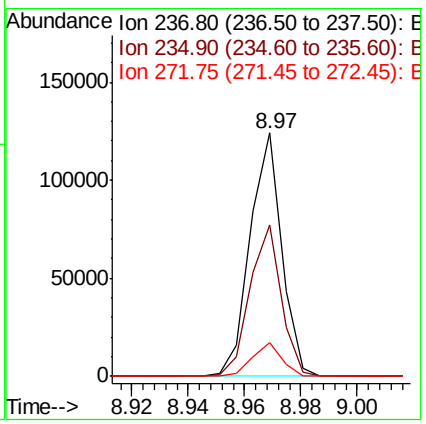


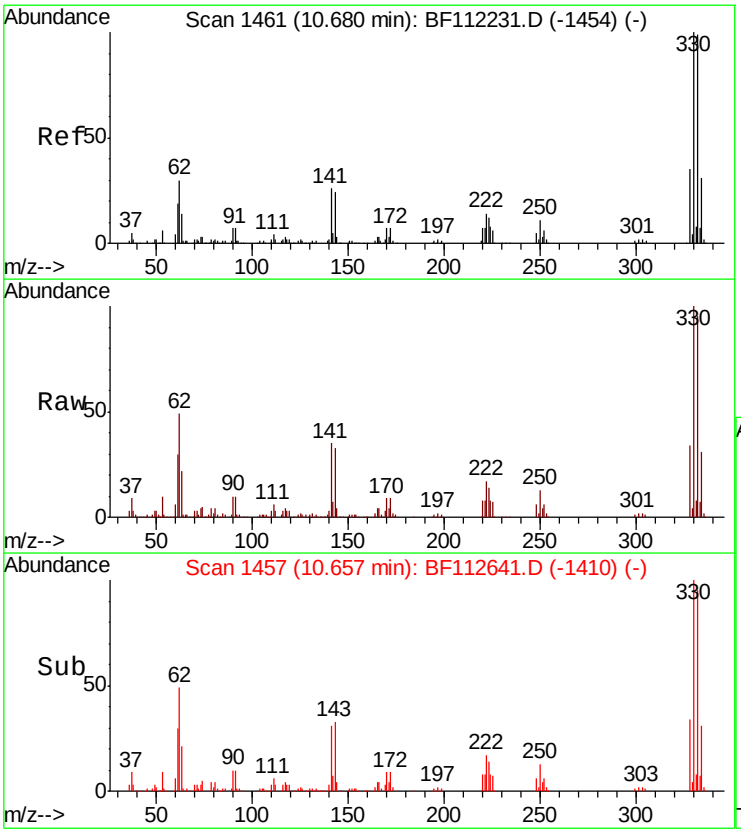

#41
Hexachlorocyclopentadiene
Concen: 55.366 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:237 Resp: 96046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.3 | 44.0 | 84.0 |
| 272 | 14.0 | 0.0 | 33.3 |

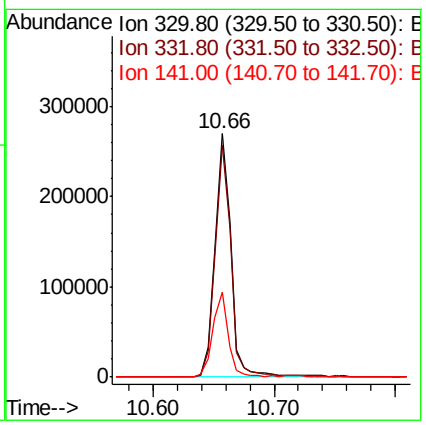


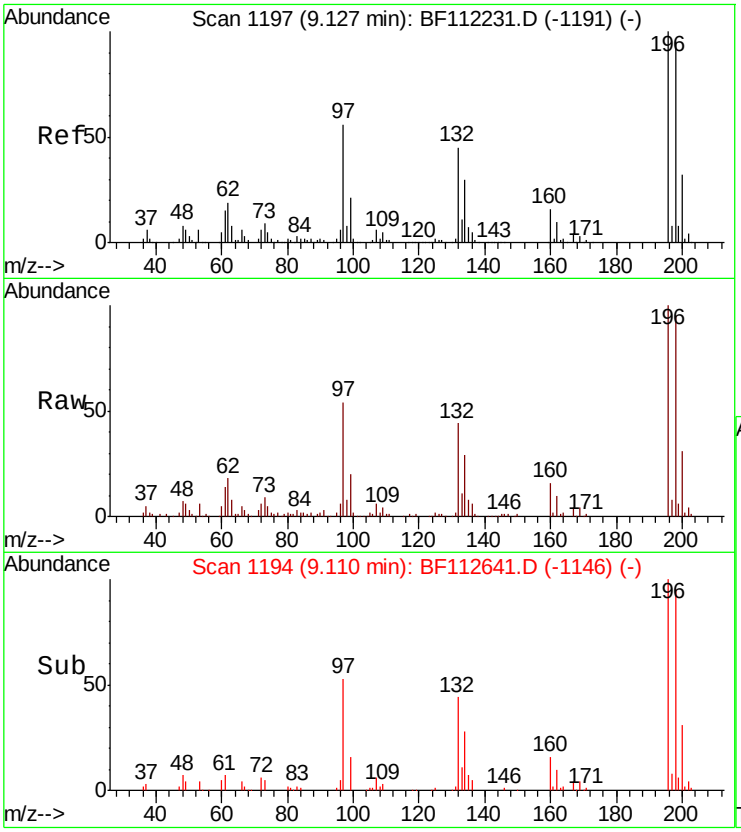




#42
2,4,6-Tribromophenol
Concen: 140.518 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:330 Resp: 242567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.1 | 76.6 | 114.8 |
| 141 | 34.3 | 24.3 | 36.5 |



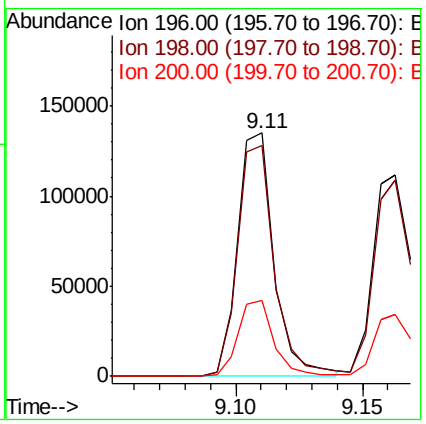


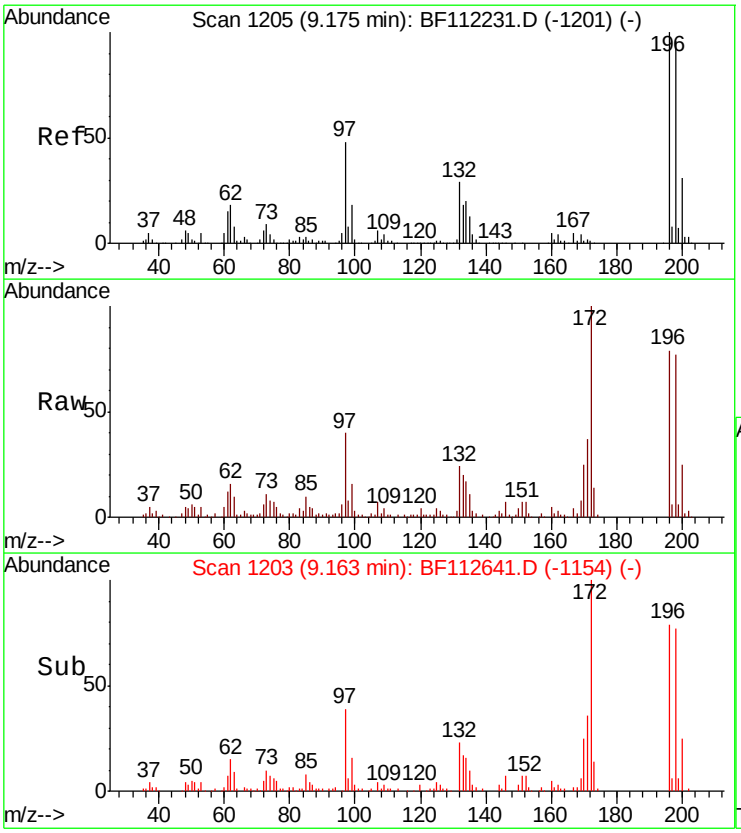

#43
2,4,6-Trichlorophenol
Concen: 44.814 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:196 Resp: 134512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.0 | 76.2 | 114.4 |
| 200 | 31.1 | 24.3 | 36.5 |

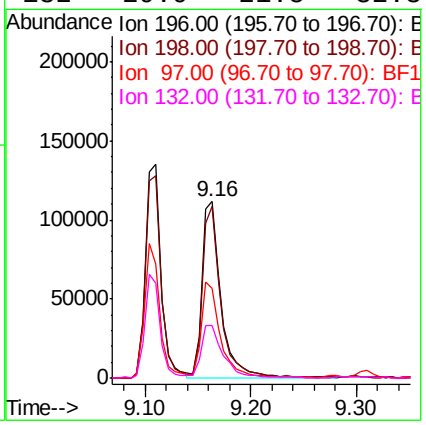


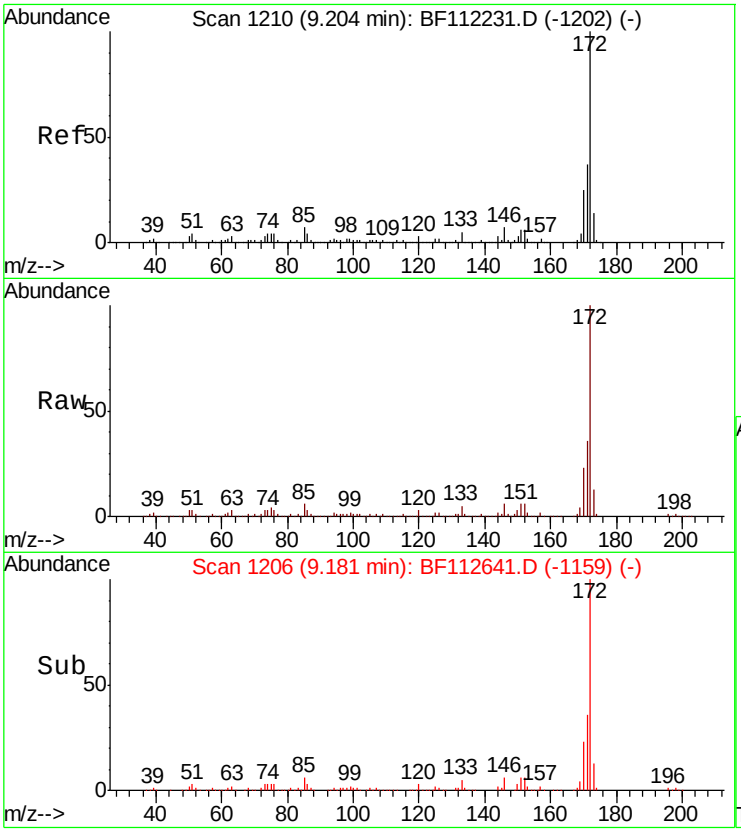




#44
2,4,5-Trichlorophenol
Concen: 44.022 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:196 Resp: 138098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.4 | 76.0 | 114.0 |
| 97 | 50.9 | 36.4 | 54.6 |
| 132 | 29.9 | 21.5 | 32.3 |



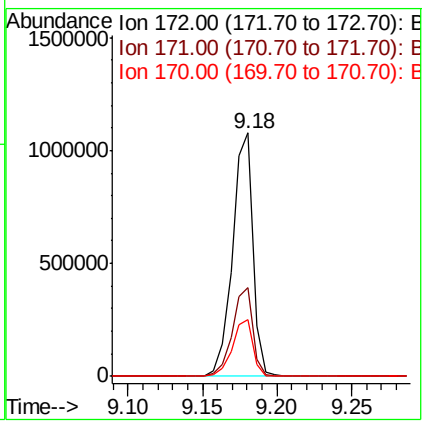


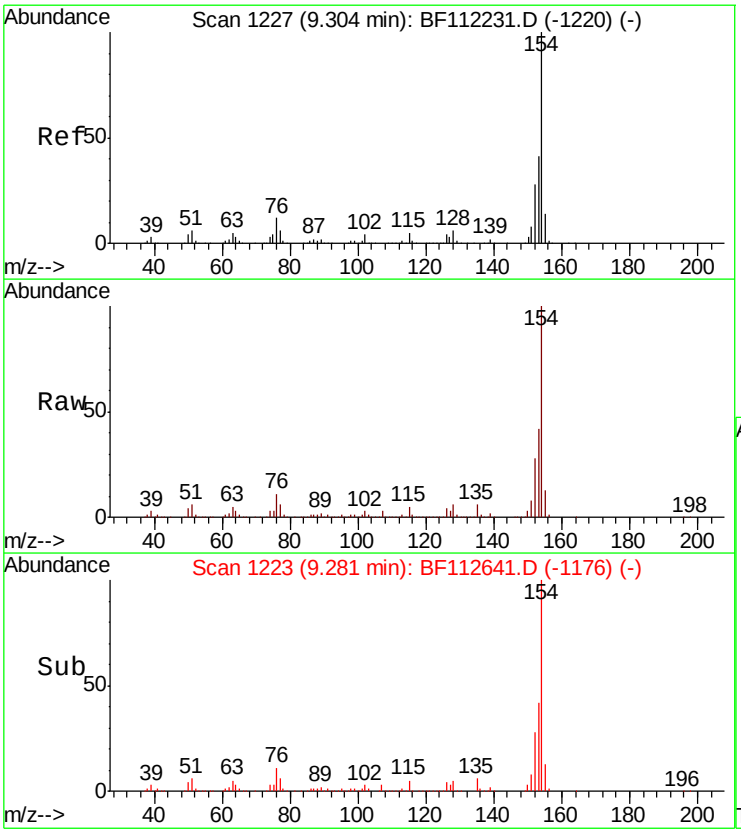

#45
2-Fluorobiphenyl
Concen: 98.890 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:172 Resp: 1036949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.5 | 30.5 | 45.7 |
| 170 | 23.3 | 20.2 | 30.4 |

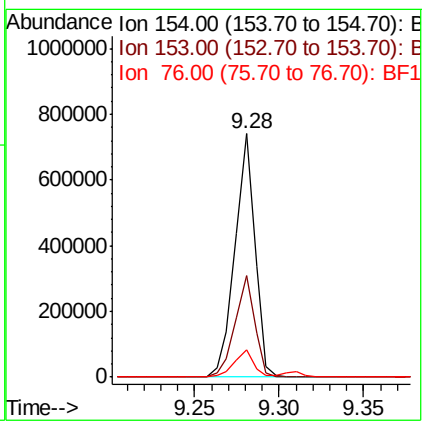


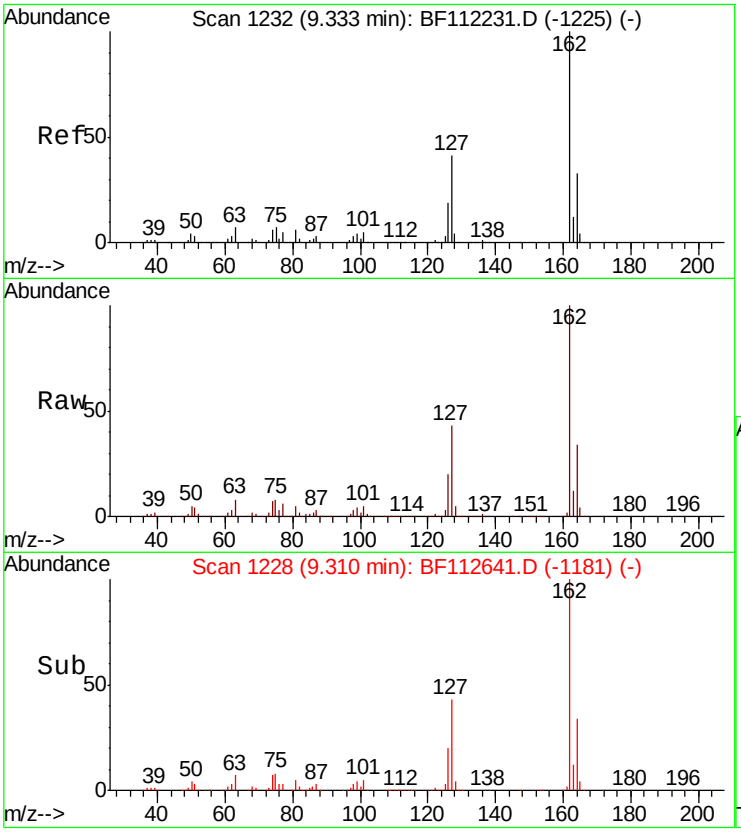




#46
1,1'-Biphenyl
Concen: 47.147 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:154 Resp: 611280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.7 | 21.5 | 61.5 |
| 76 | 11.0 | 0.0 | 33.1 |



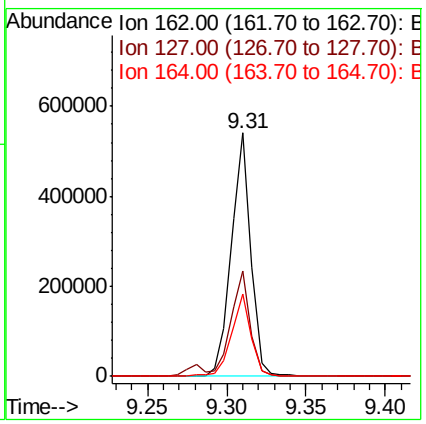


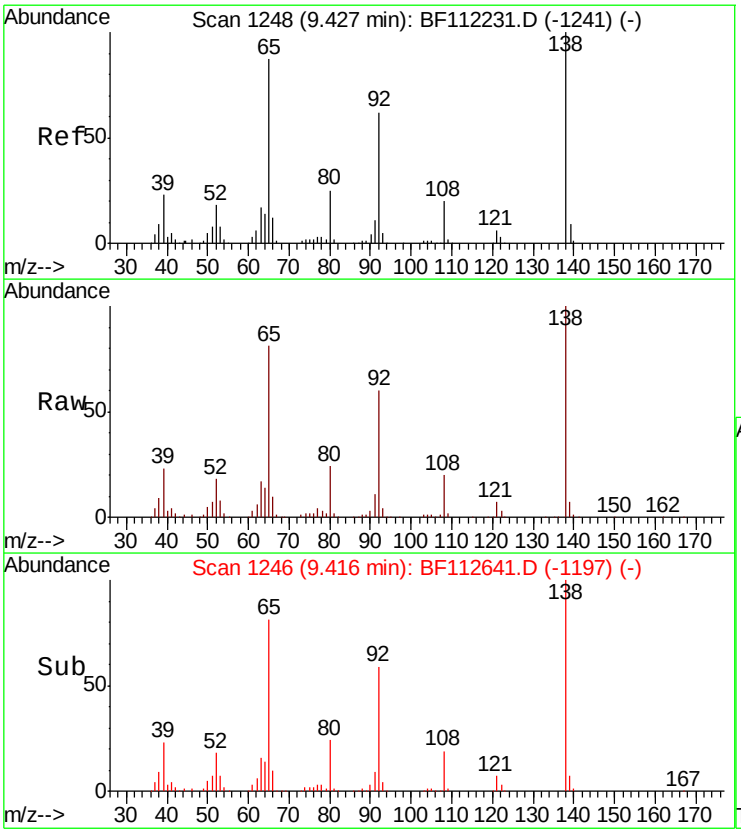

#47
2-Chloronaphthalene
Concen: 46.042 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:162 Resp: 462914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 43.0 | 30.4 | 45.6 |
| 164 | 33.8 | 27.4 | 41.2 |

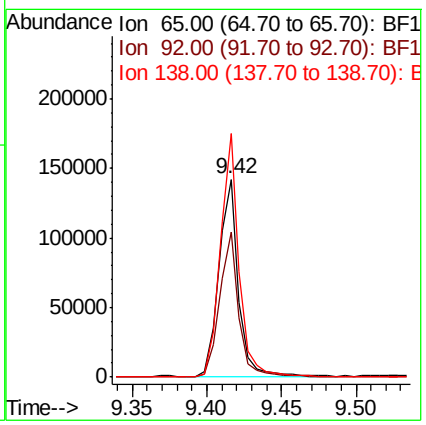


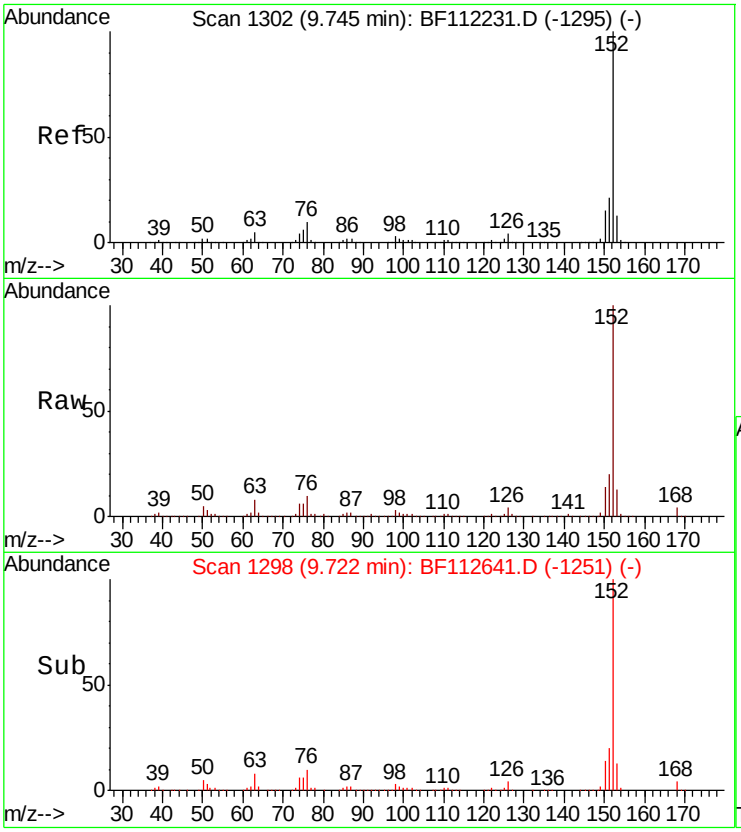




#48
2-Nitroaniline
Concen: 47.796 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion: 65 Resp: 130978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 73.4 | 60.4 | 90.6 |
| 138 | 123.1 | 104.4 | 156.6 |



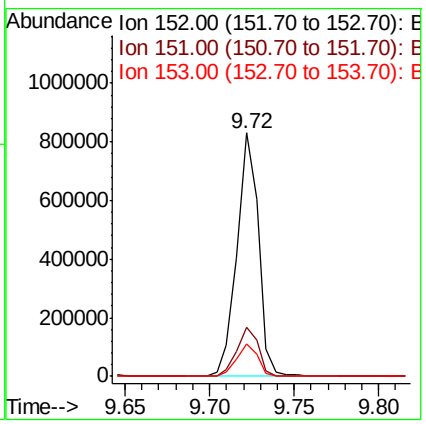


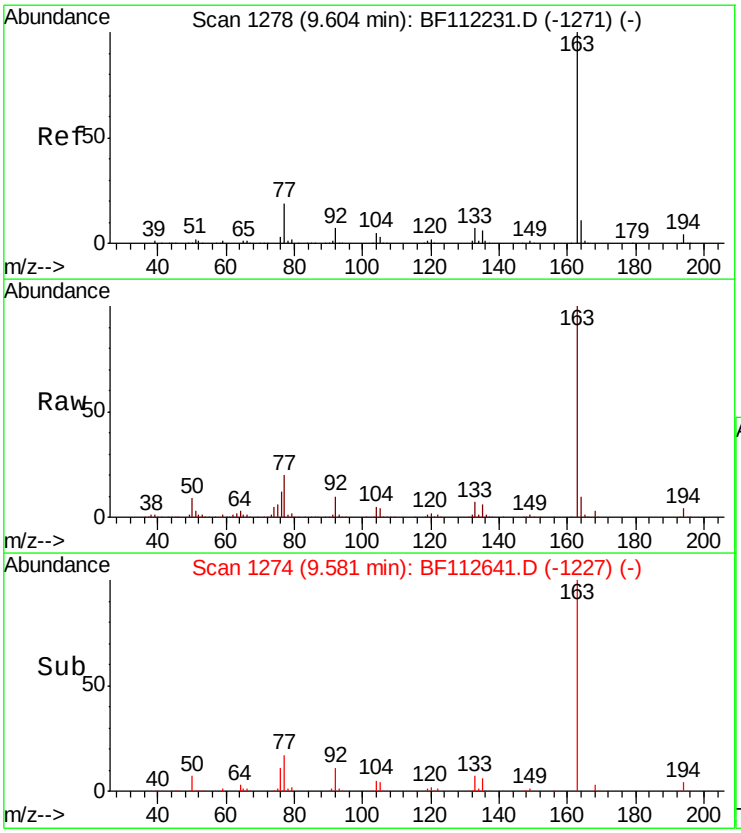

#49
Acenaphthylene
Concen: 50.011 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:152 Resp: 736994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 17.0 | 25.6 |
| 153 | 13.3 | 11.2 | 16.8 |

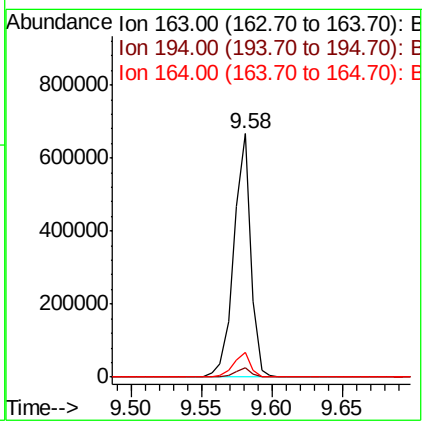


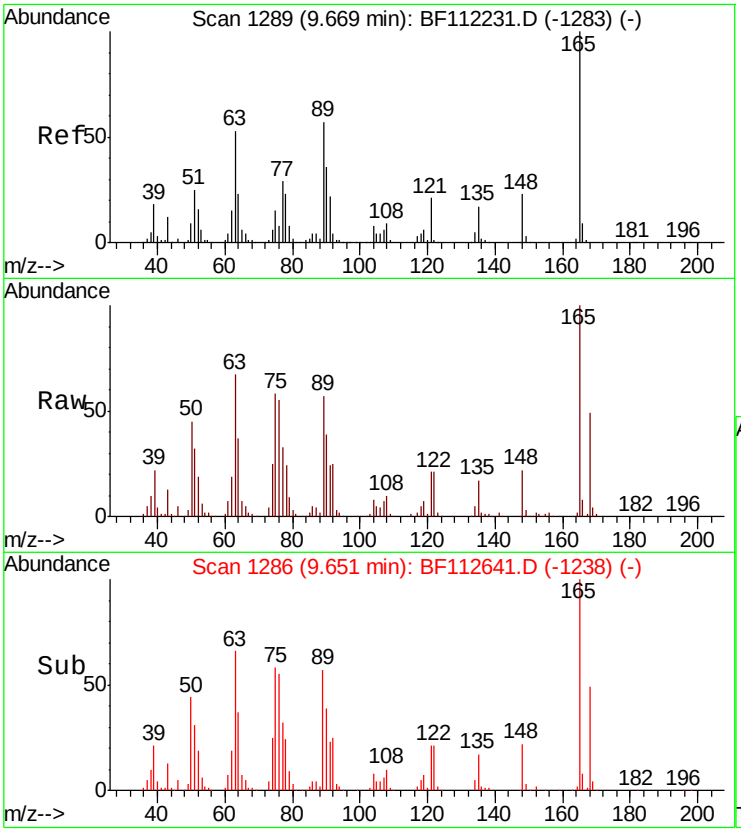




#50
Dimethylphthalate
Concen: 48.254 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:163 Resp: 556013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.3 | 4.9 |
| 164 | 10.0 | 8.5 | 12.7 |



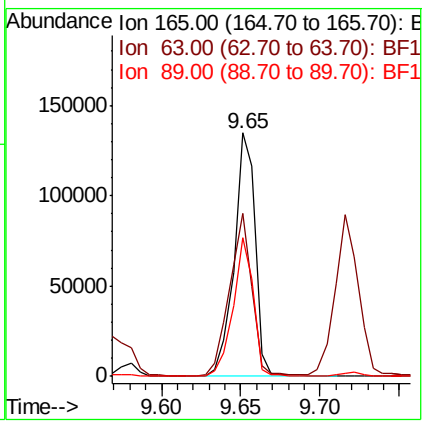


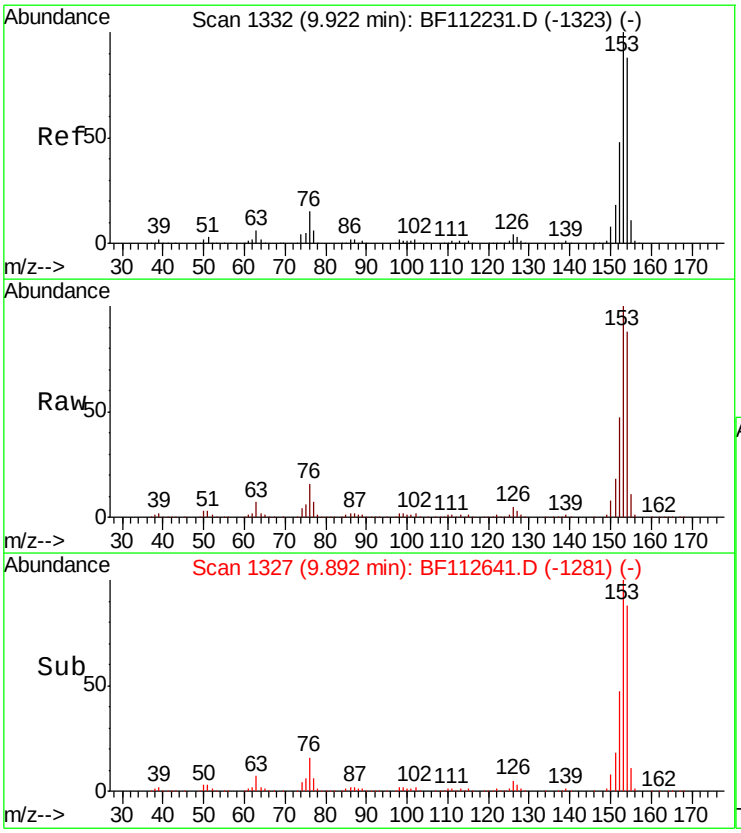

#51
2,6-Dinitrotoluene
Concen: 47.921 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:165 Resp: 123664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 67.0 | 33.8 | 50.8# |
| 89 | 57.1 | 36.9 | 55.3# |

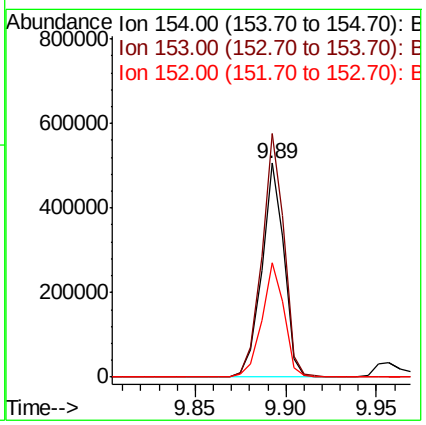


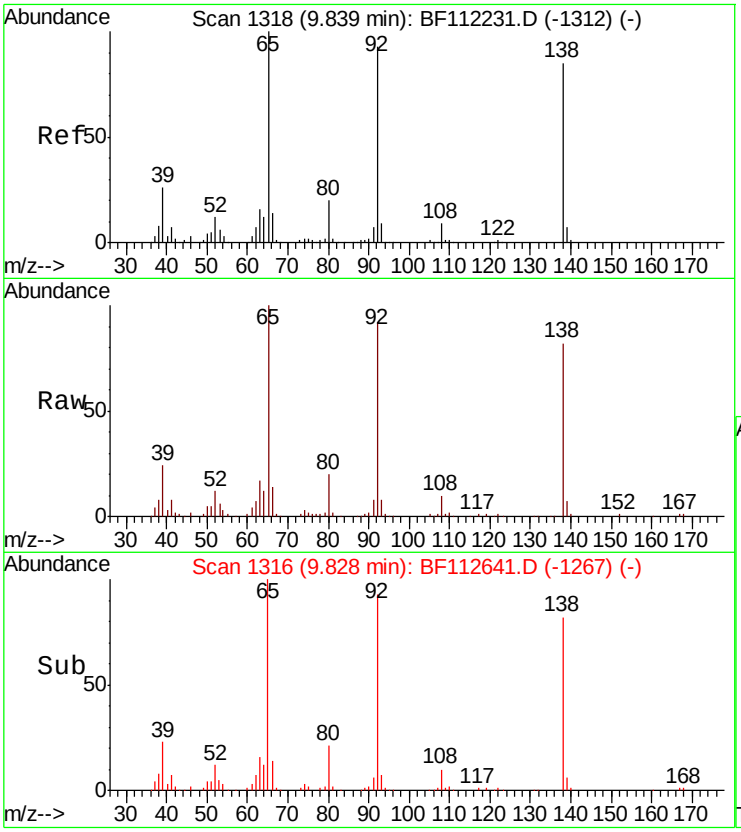




#52
Acenaphthene
Concen: 48.928 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:154 Resp: 430726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.9 | 89.8 | 134.6 |
| 152 | 53.3 | 43.5 | 65.3 |



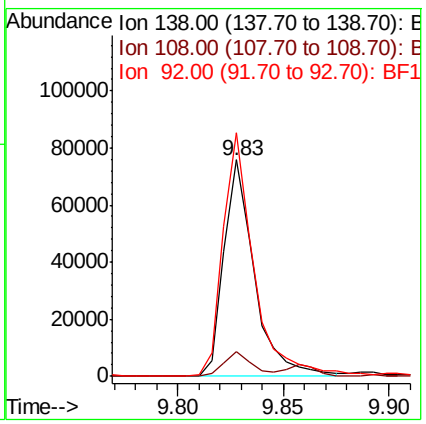


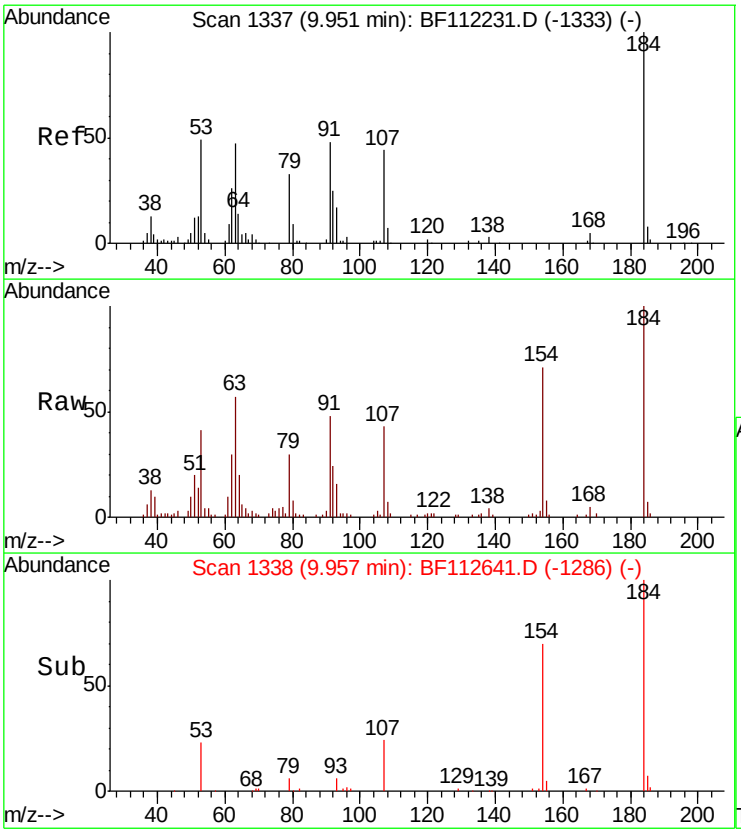

#53
3-Nitroaniline
Concen: 27.030 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:138 Resp: 75570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.6 | 9.8 | 14.6 |
| 92 | 112.6 | 79.4 | 119.2 |

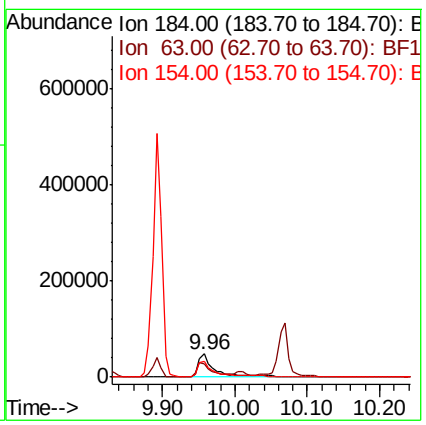


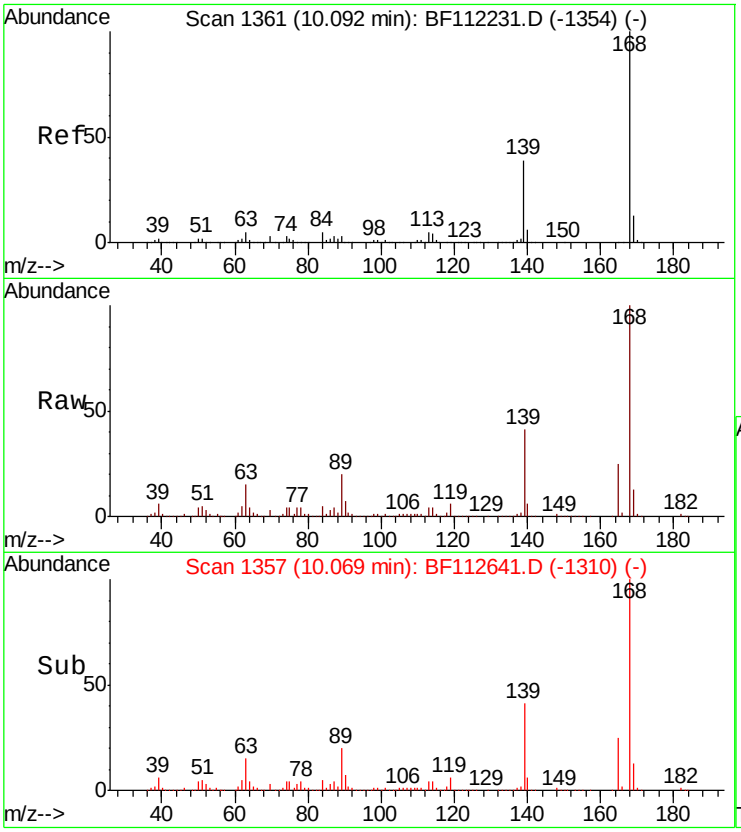




#54
2,4-Dinitrophenol
Concen: 96.991 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:184 Resp: 80327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 57.0 | 47.1 | 70.7 |
| 154 | 71.2 | 48.9 | 73.3 |



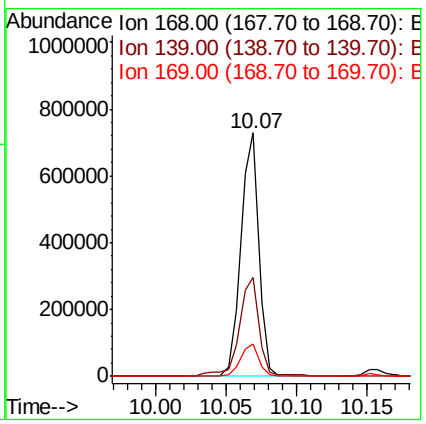


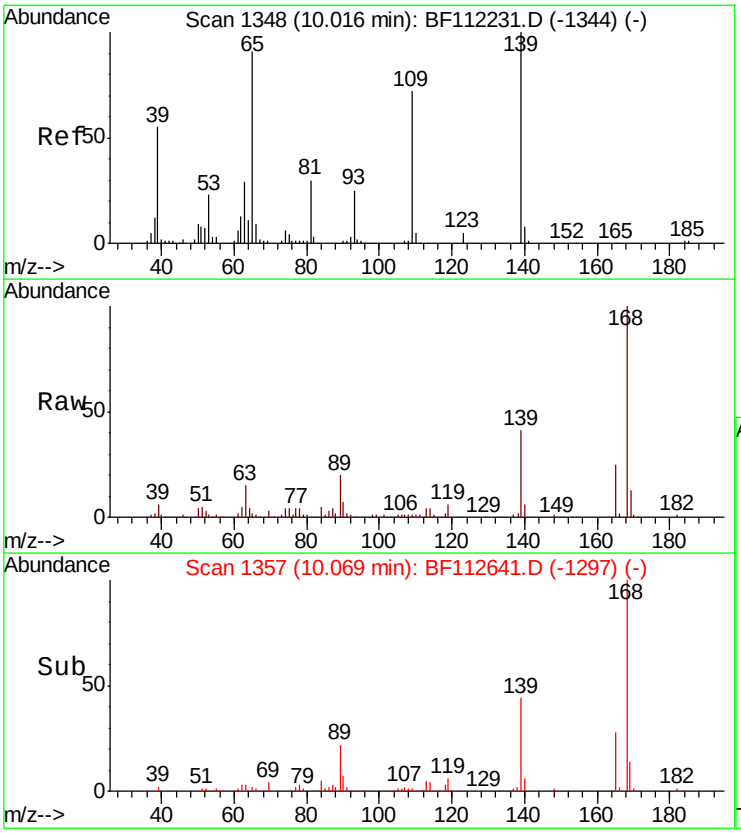

#55
Dibenzofuran
Concen: 47.864 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:168 Resp: 643896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.5 | 29.2 | 43.8 |
| 169 | 13.3 | 11.4 | 17.0 |

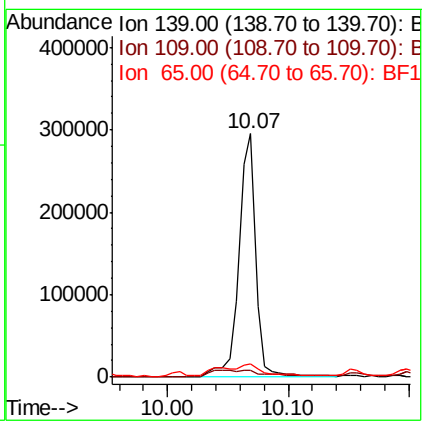


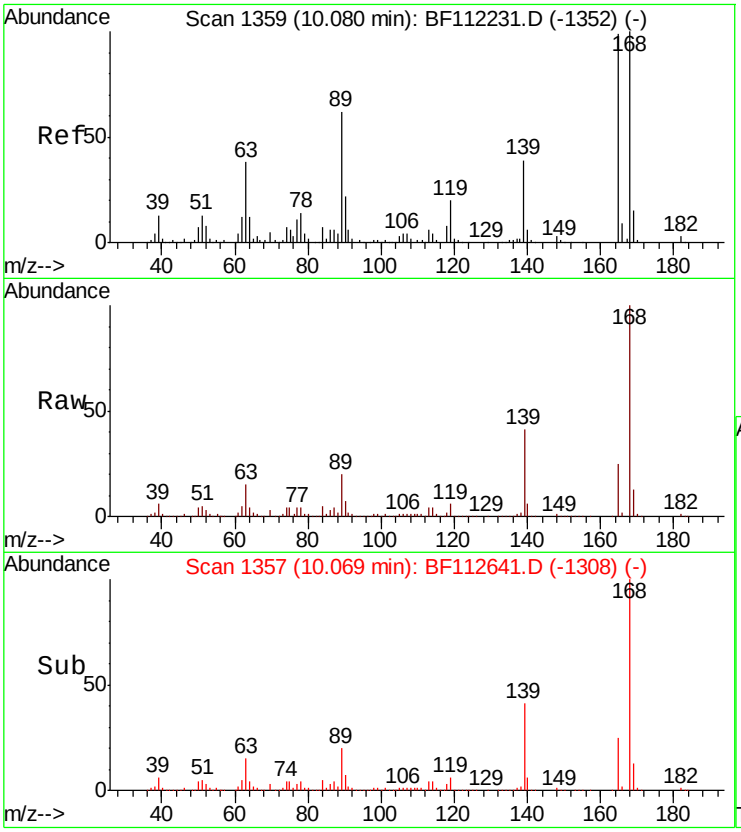




#56
4-Nitrophenol
Concen: 197.966 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:139 Resp: 292612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 2.7 | 42.8 | 82.8# |
| 65 | 5.4 | 66.1 | 106.1# |



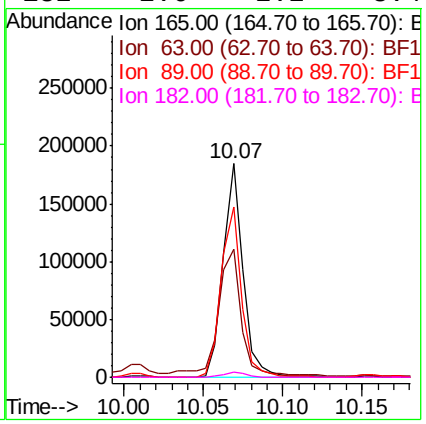


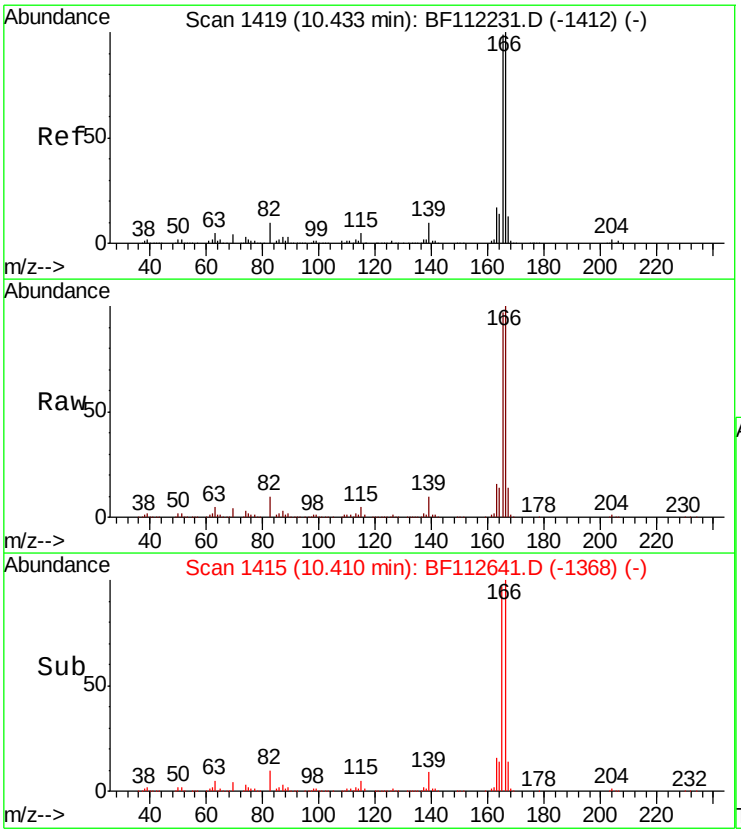

#57
2,4-Dinitrotoluene
Concen: 49.096 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:165 Resp: 161294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 60.2 | 27.9 | 41.9# |
| 89 | 79.6 | 47.9 | 71.9# |
| 182 | 2.6 | 2.2 | 3.4 |

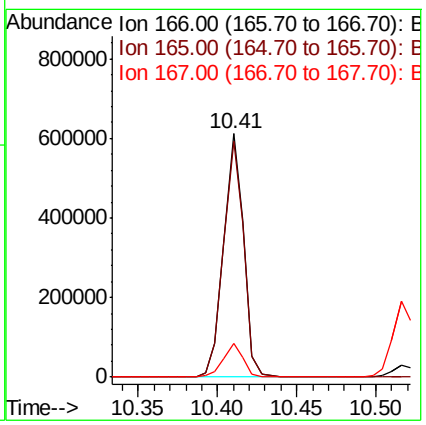


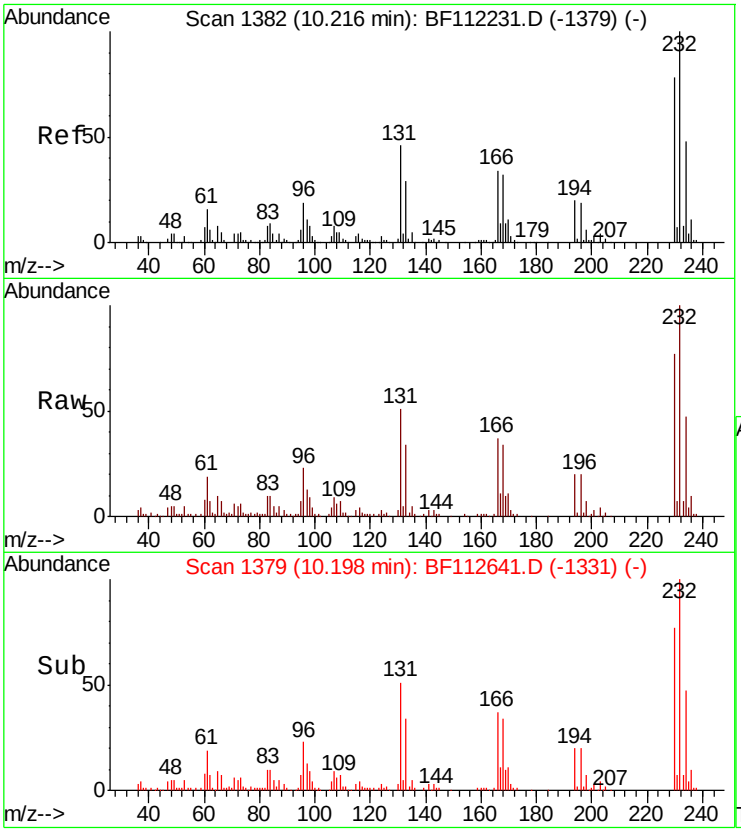




#58
Fluorene
Concen: 53.036 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:166 Resp: 533917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.2 | 77.1 | 115.7 |
| 167 | 13.6 | 11.3 | 16.9 |



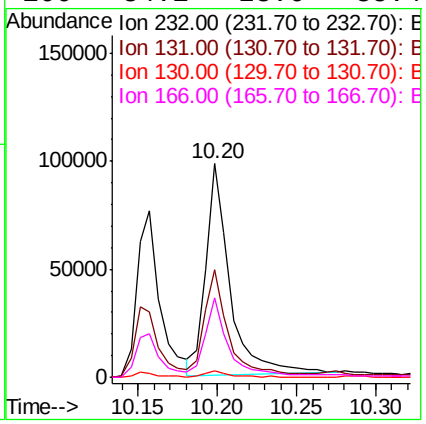


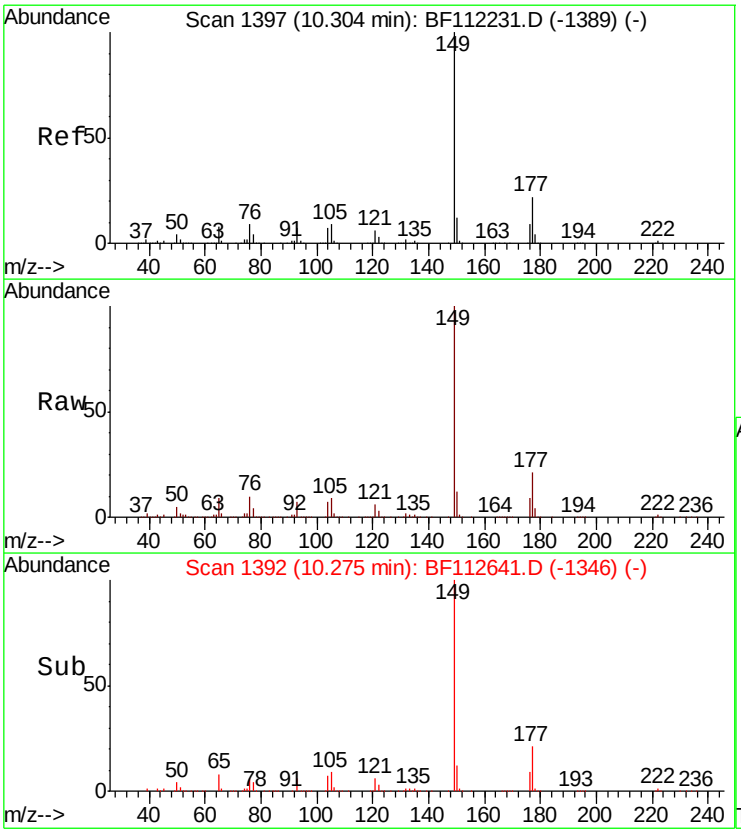

#59
2,3,4,6-Tetrachlorophenol
Concen: 44.093 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:232 Resp: 104528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 50.5 | 33.9 | 50.9 |
| 130 | 2.9 | 1.8 | 2.6# |
| 166 | 34.1 | 23.6 | 35.4 |

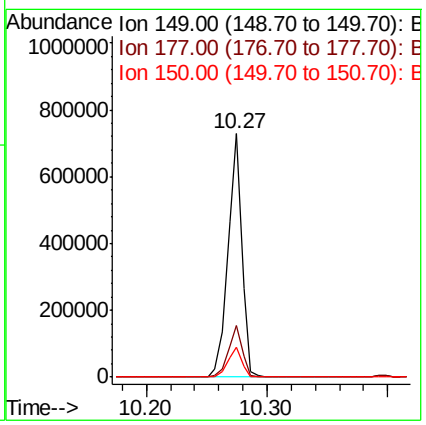


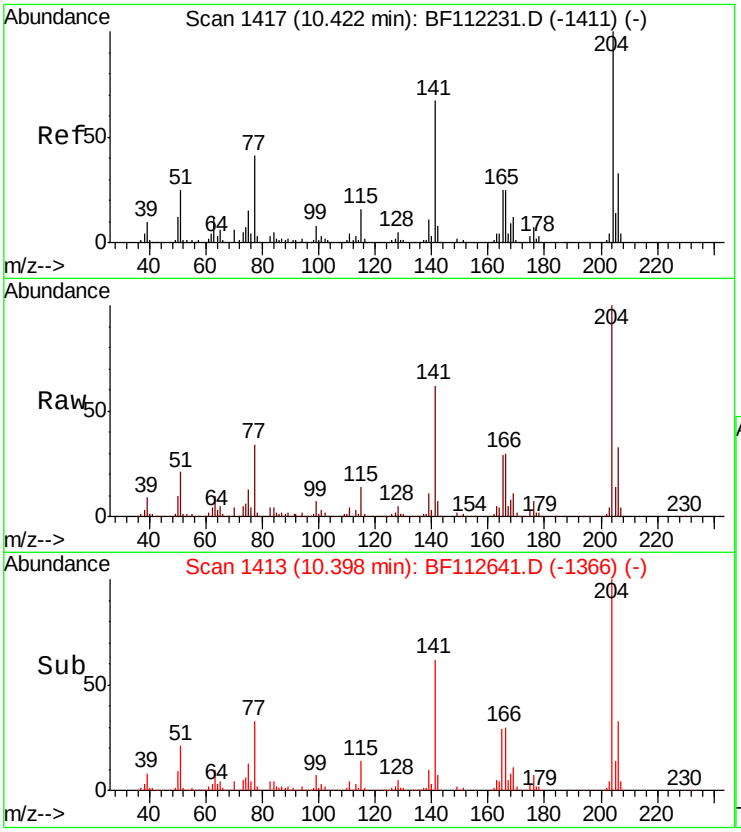




#60
Diethylphthalate
Concen: 51.009 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:149 Resp: 583278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.4 | 18.2 | 27.2 |
| 150 | 12.2 | 10.4 | 15.6 |



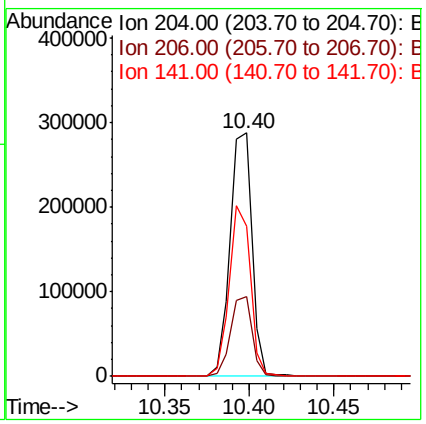


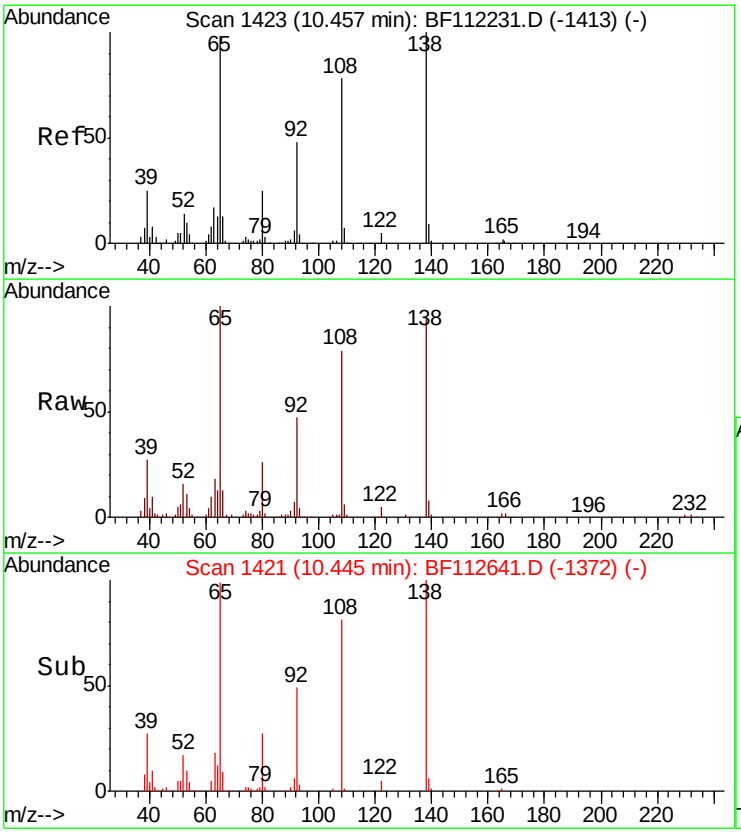

#61
4-Chlorophenyl-phenylether
Concen: 47.278 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:204 Resp: 258900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.7 | 26.5 | 39.7 |
| 141 | 61.6 | 45.9 | 68.9 |

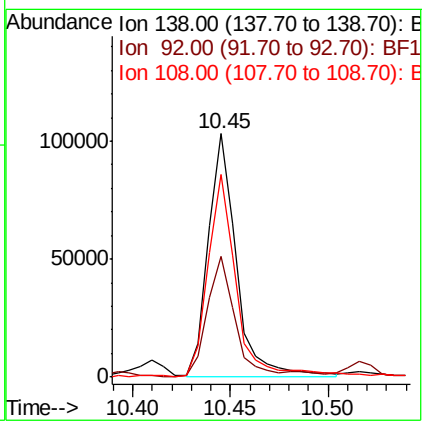


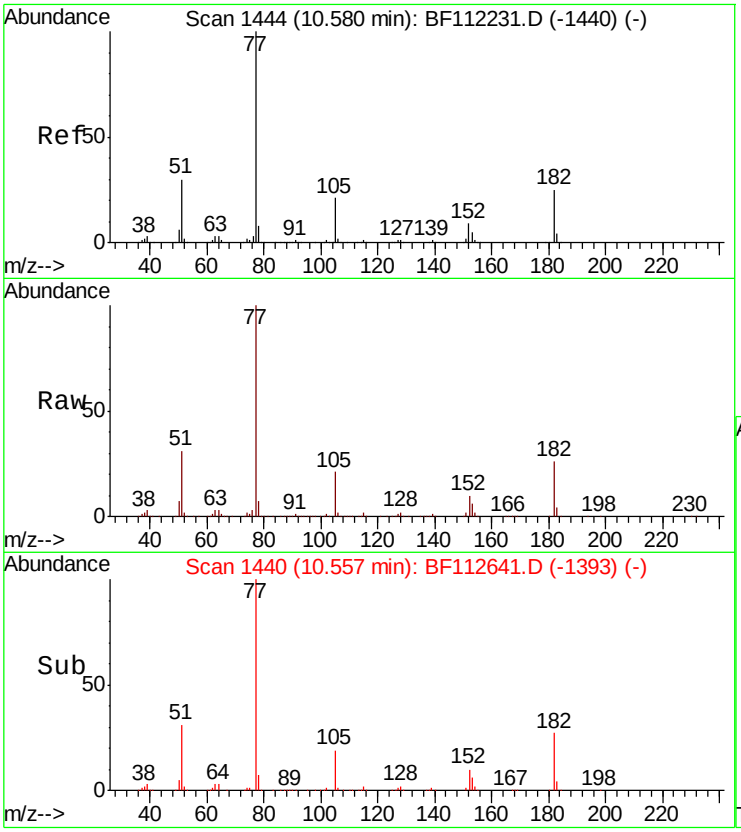




#62
4-Nitroaniline
Concen: 37.919 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:138 Resp: 103982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.4 | 30.6 | 70.6 |
| 108 | 83.4 | 50.0 | 90.0 |



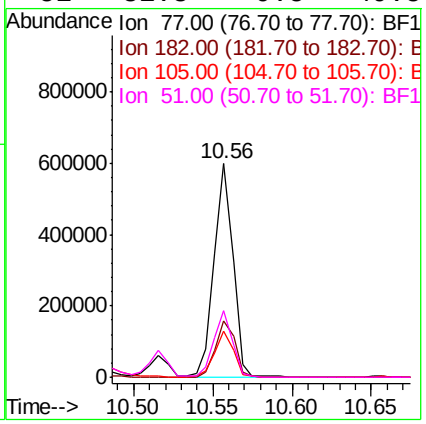


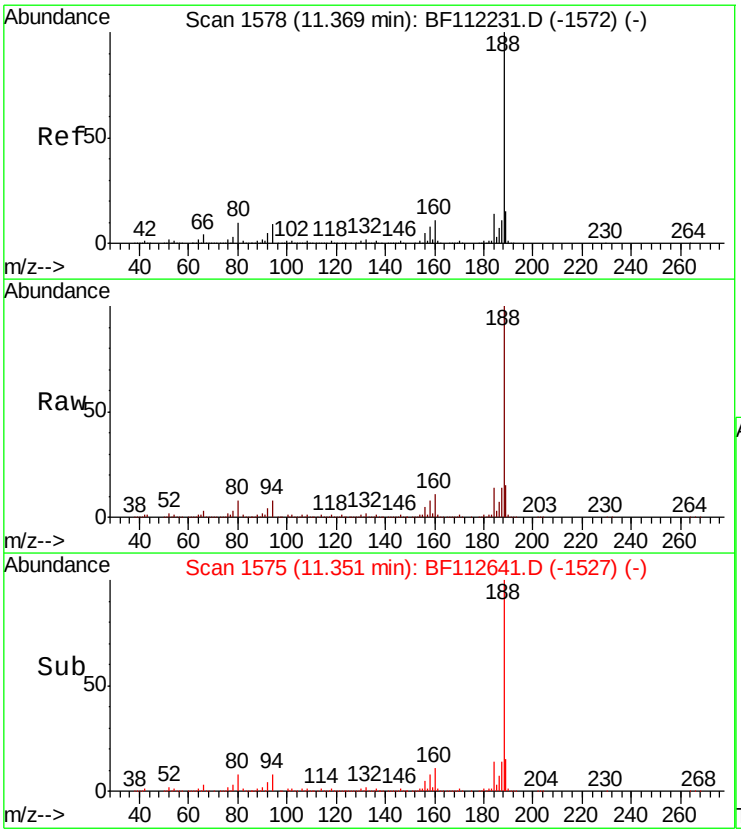

#63
Azobenzene
Concen: 49.342 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion: 77 Resp: 496221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.2 | 5.7 | 45.7 |
| 105 | 21.5 | 1.4 | 41.4 |
| 51 | 31.3 | 9.5 | 49.5 |

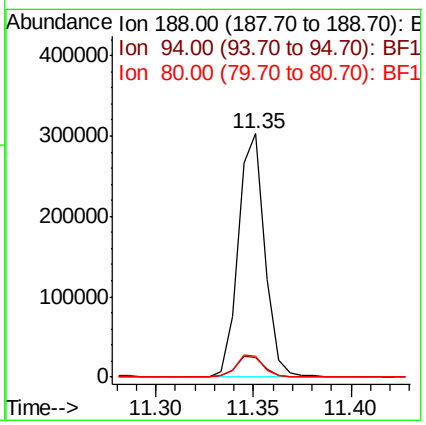


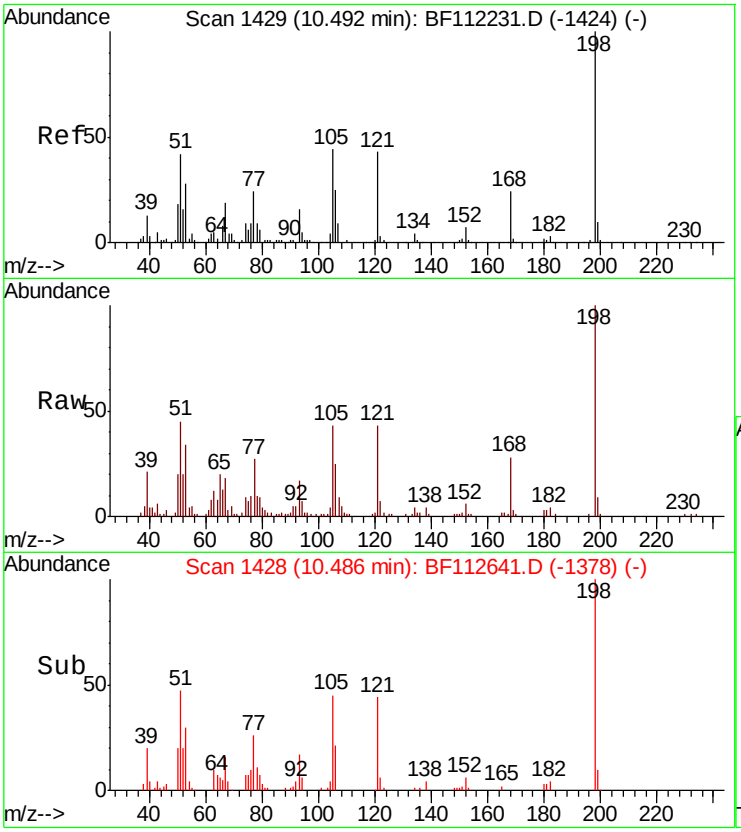




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:188 Resp: 284592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.0 | 8.2 | 12.2# |
| 80 | 8.4 | 8.9 | 13.3# |



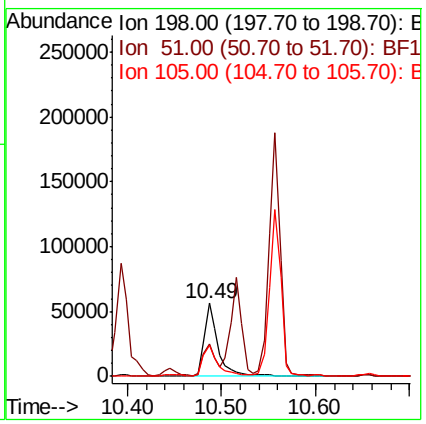


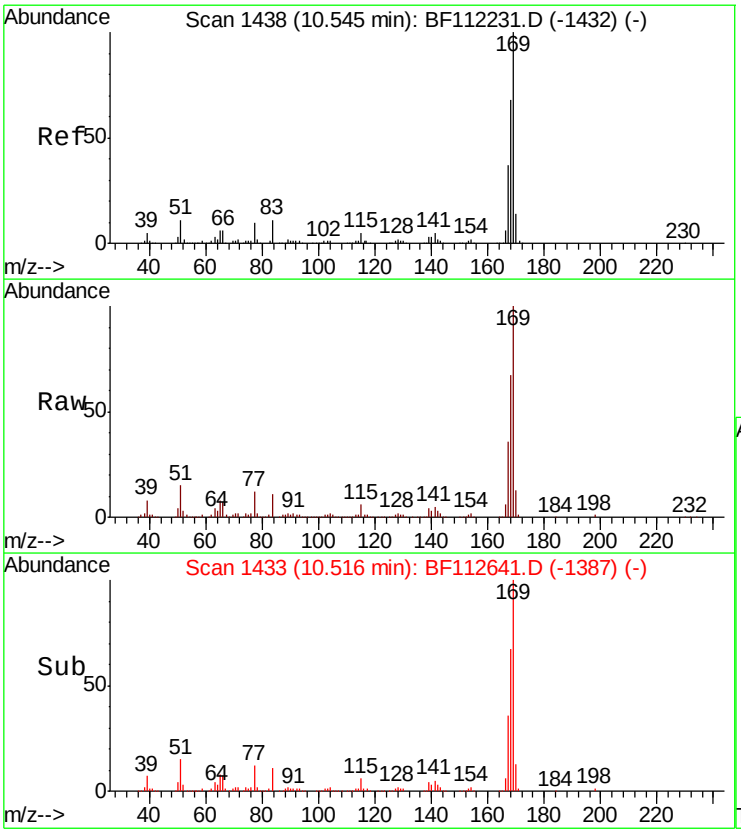

#65
4,6-Dinitro-2-methylphenol
Concen: 36.517 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:198 Resp: 58266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.0 | 17.2 | 57.2 |
| 105 | 43.1 | 21.9 | 61.9 |

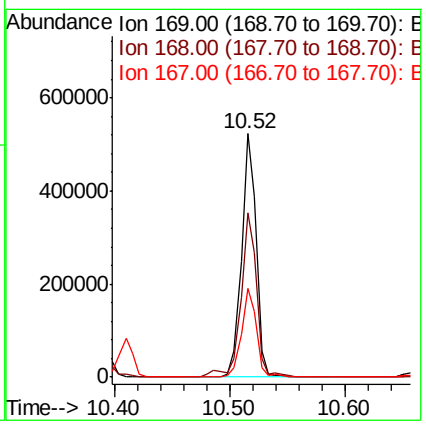


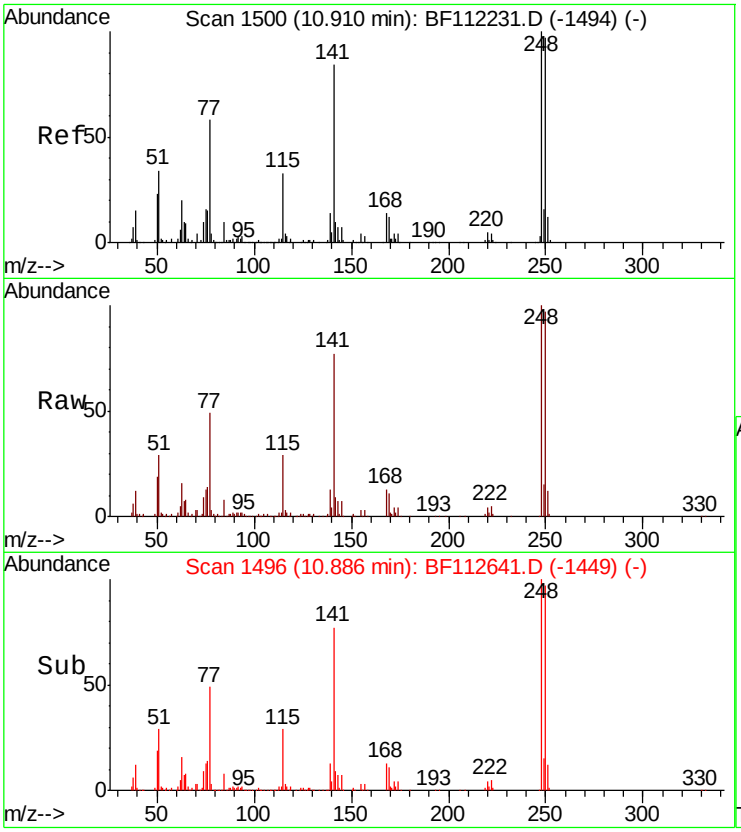




#66
n-Nitrosodiphenylamine
Concen: 47.990 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:169 Resp: 460296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.2 | 53.9 | 80.9 |
| 167 | 36.3 | 28.9 | 43.3 |



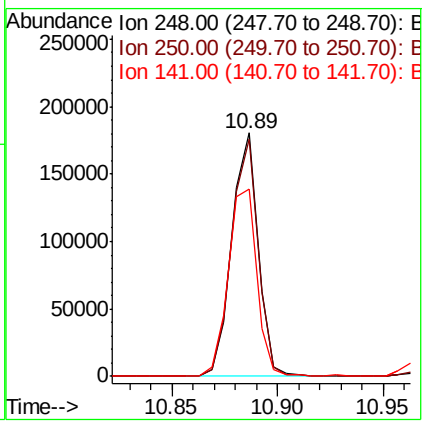


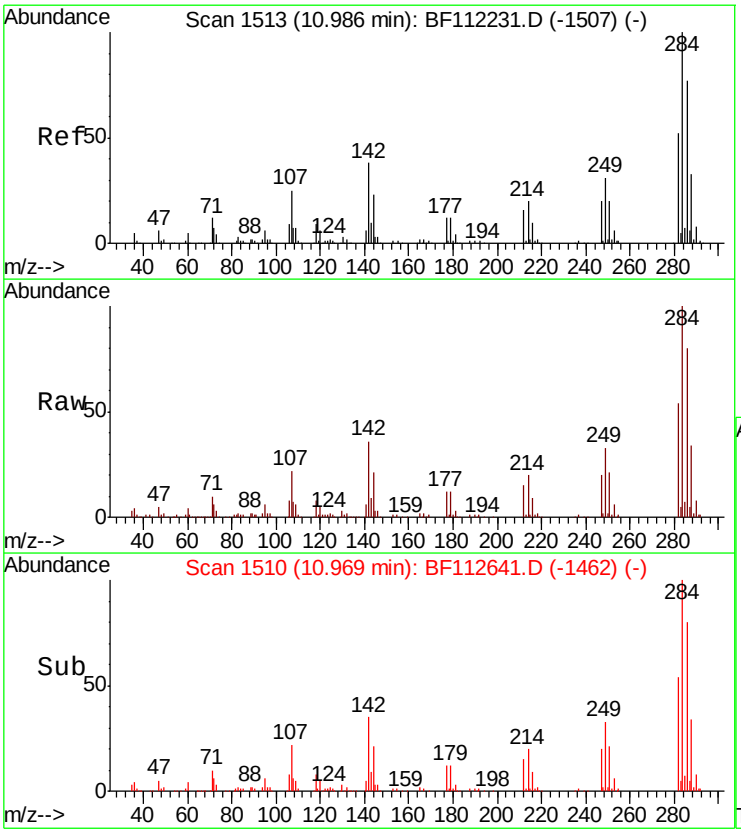

#67
4-Bromophenyl-phenylether
Concen: 46.331 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:248 Resp: 155081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.3 | 79.7 | 119.5 |
| 141 | 76.9 | 60.3 | 90.5 |

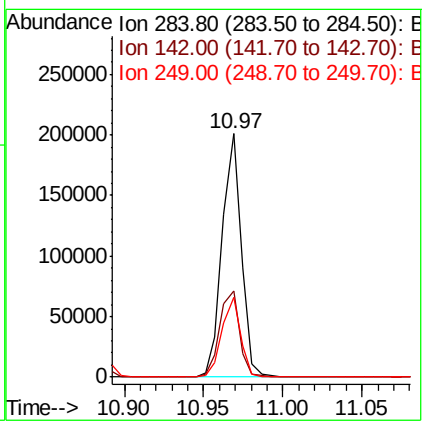


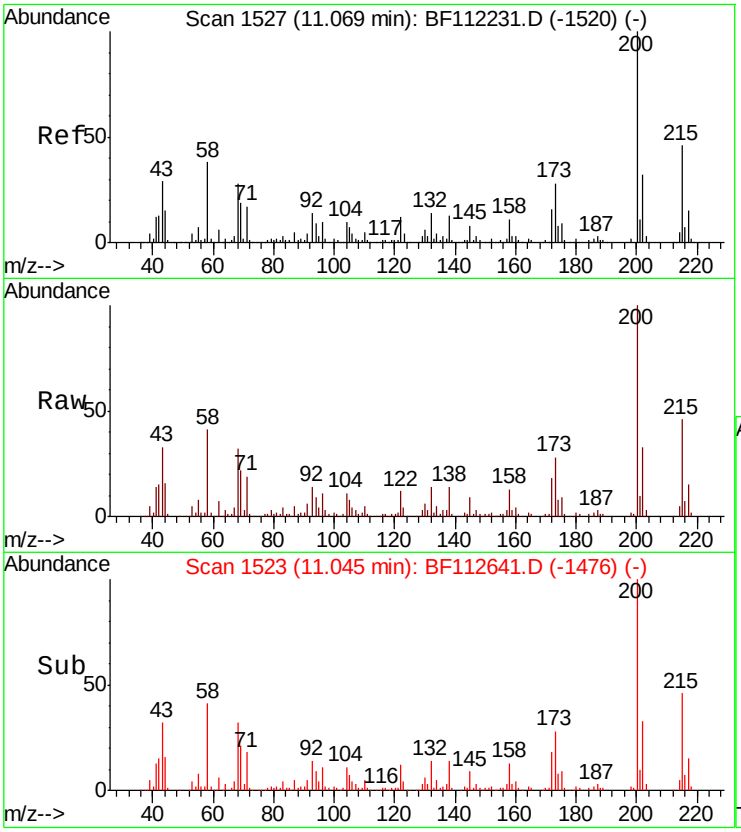




#68
Hexachlorobenzene
Concen: 47.058 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:284 Resp: 168994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.6 | 27.6 | 41.4 |
| 249 | 32.7 | 24.1 | 36.1 |



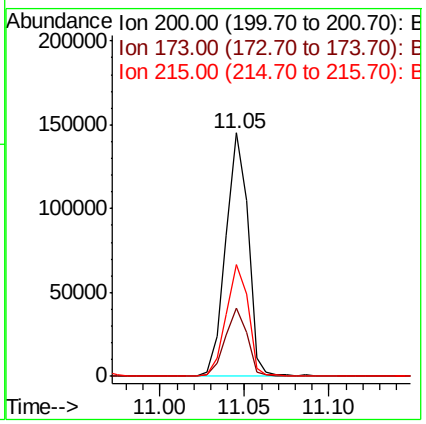


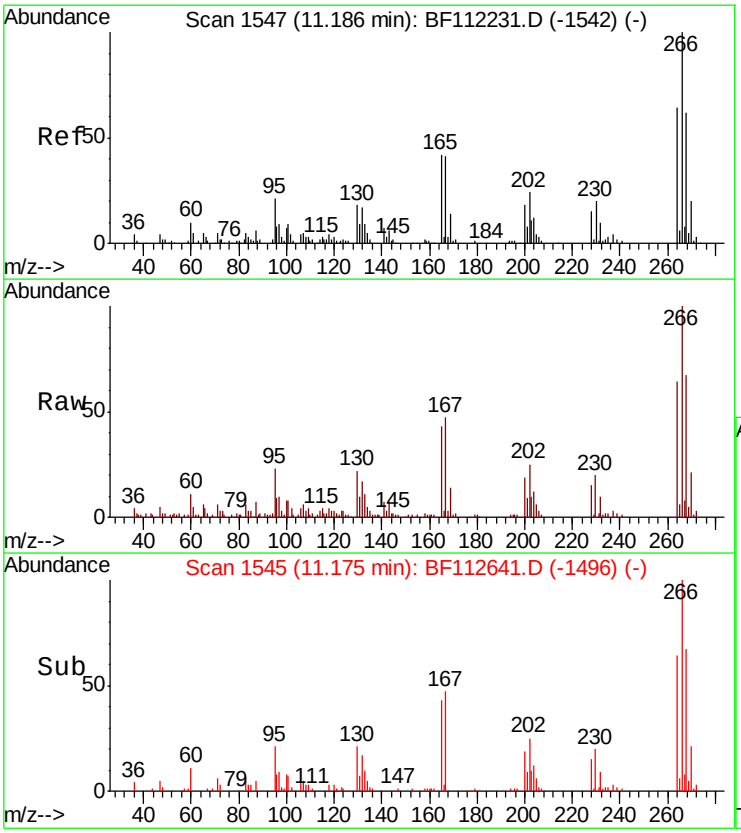

#69
Atrazine
Concen: 43.140 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:200 Resp: 133513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.8 | 7.1 | 47.1 |
| 215 | 45.9 | 30.4 | 70.4 |

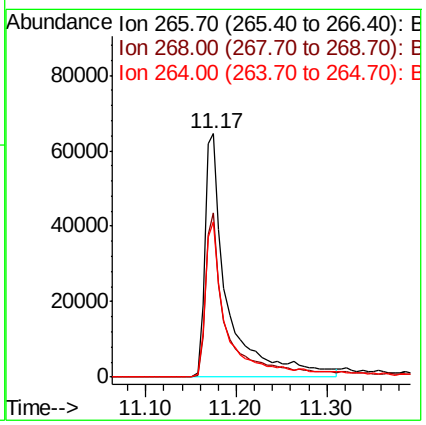


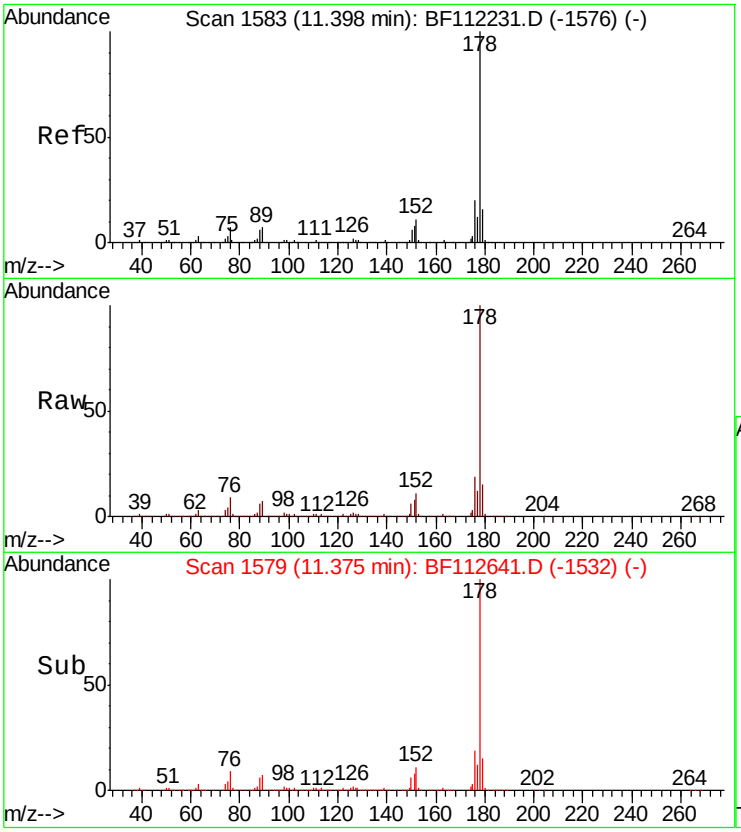




#70
Pentachlorophenol
Concen: 80.560 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:266 Resp: 112569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 67.2 | 51.2 | 76.8 |
| 264 | 64.0 | 50.9 | 76.3 |



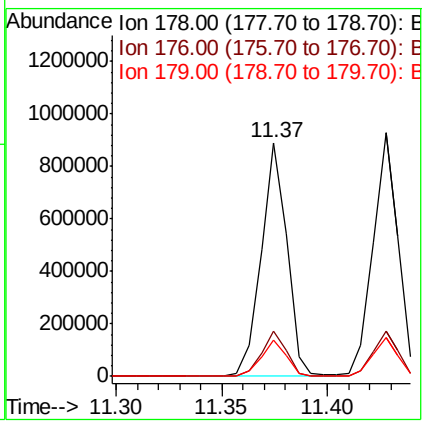


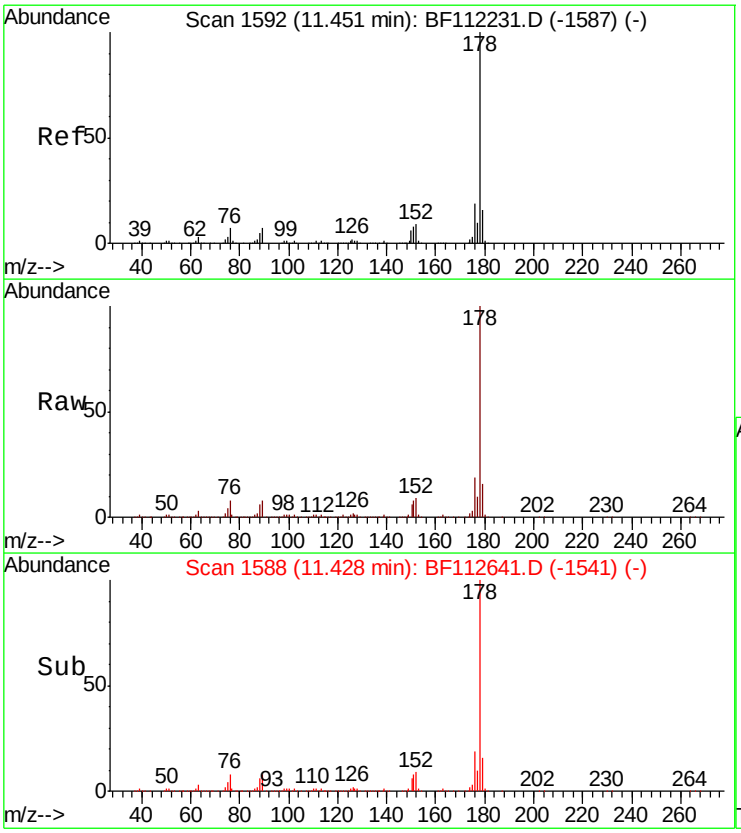

#71
Phenanthrene
Concen: 51.121 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:178 Resp: 756368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 16.3 | 24.5 |
| 179 | 15.4 | 13.0 | 19.4 |

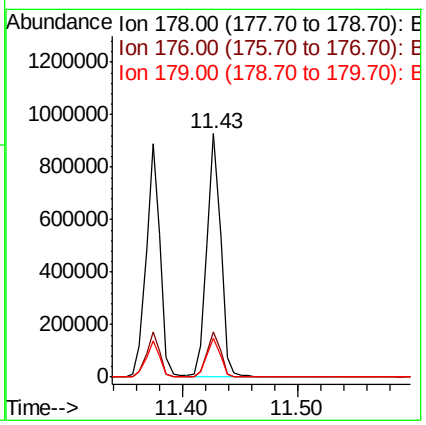


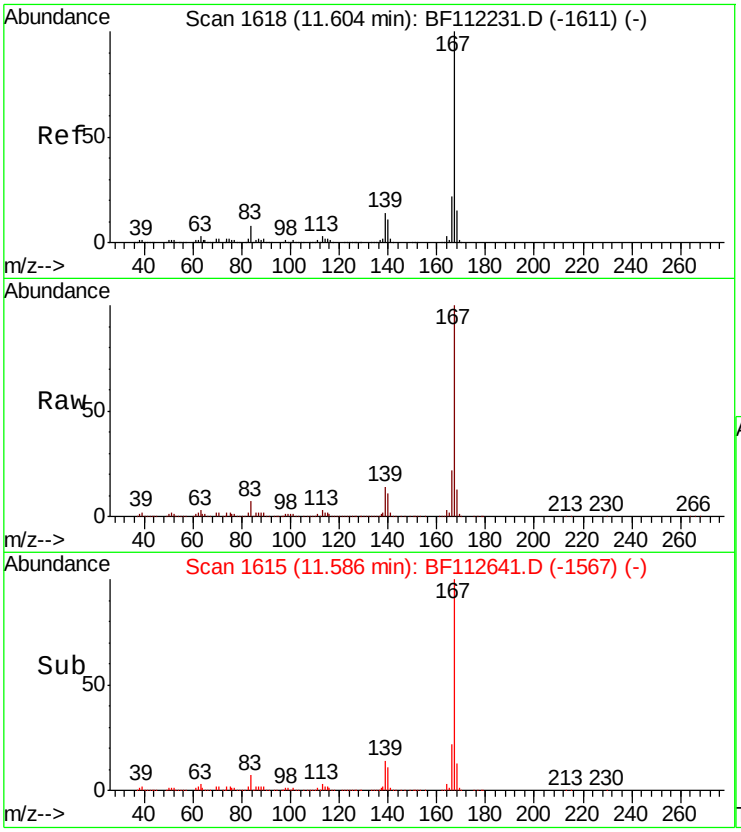




#72
Anthracene
Concen: 53.058 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:178 Resp: 781987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.5 | 23.3 |
| 179 | 15.7 | 12.8 | 19.2 |



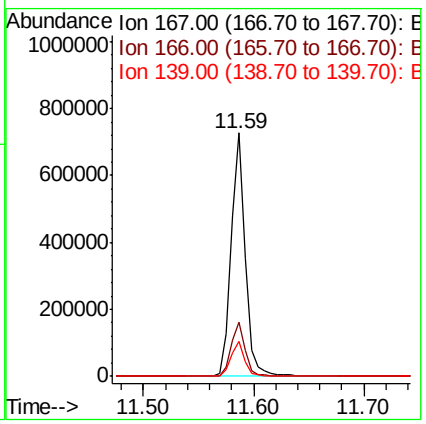


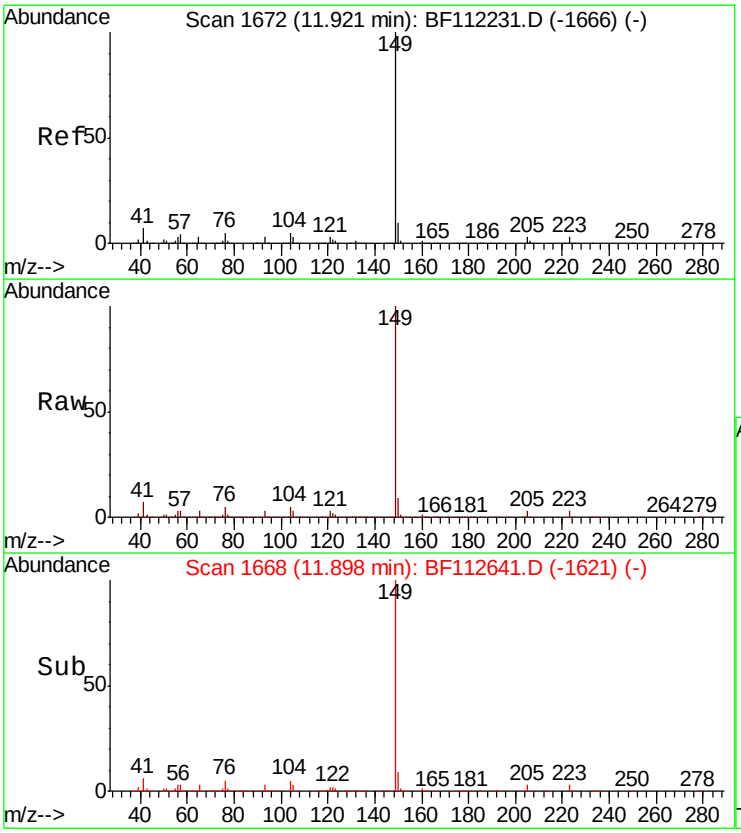

#73
Carbazole
Concen: 44.868 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:167 Resp: 652290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 17.9 | 26.9 |
| 139 | 14.3 | 10.2 | 15.2 |

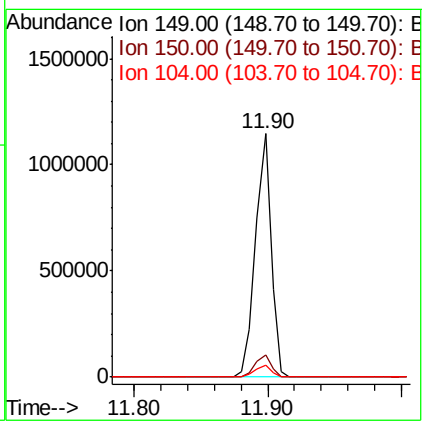


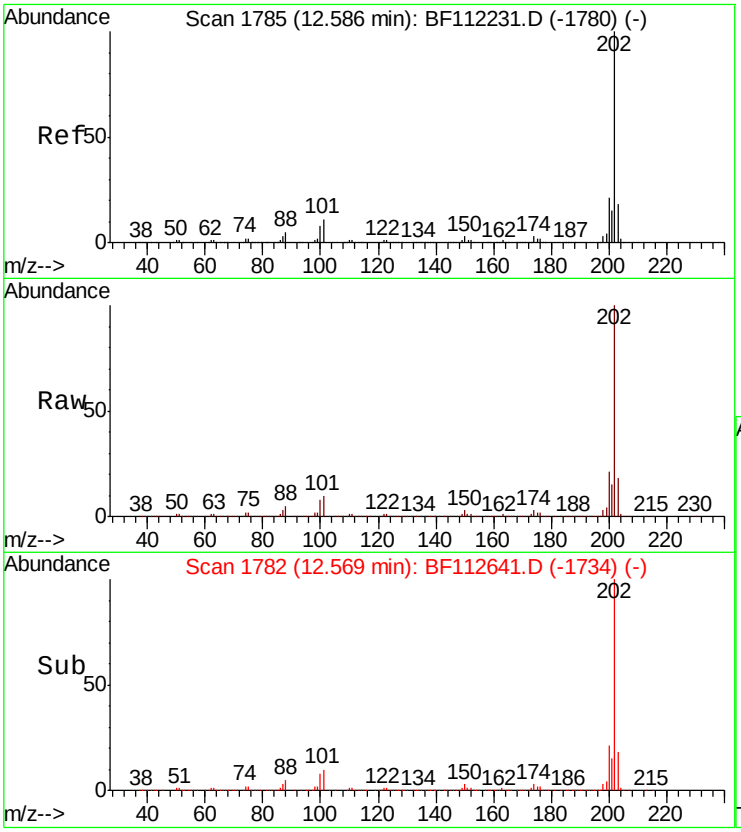




#74
Di-n-butylphthalate
Concen: 50.777 ng
RT: 11.90 min Scan# 1668
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:149 Resp: 916279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 8.1 | 12.1 |
| 104 | 5.1 | 3.9 | 5.9 |



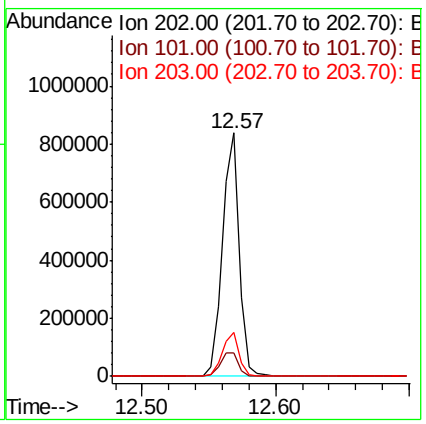


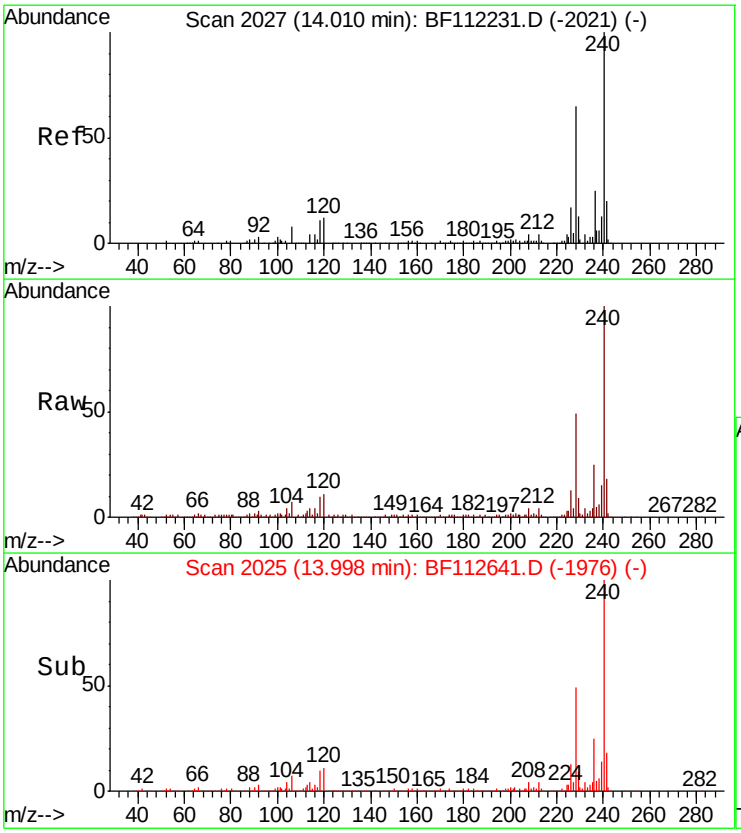

#75
Fluoranthene
Concen: 47.101 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:202 Resp: 747444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.8 | 0.0 | 31.8 |
| 203 | 17.8 | 0.0 | 38.4 |

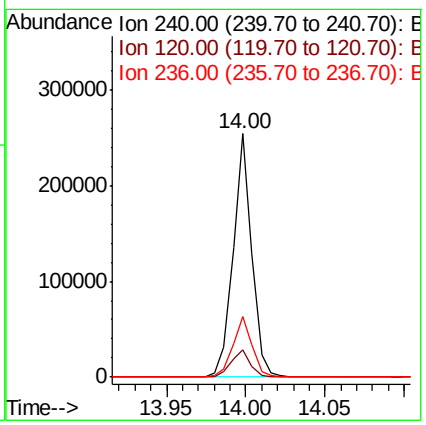


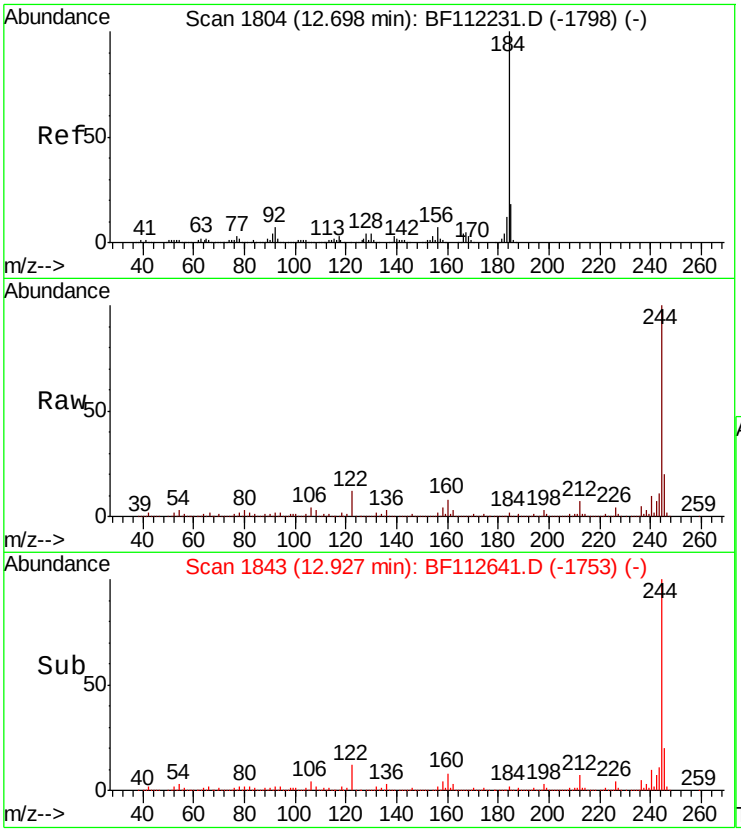




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:240 Resp: 207257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.0 | 9.0 | 13.6 |
| 236 | 25.0 | 20.7 | 31.1 |



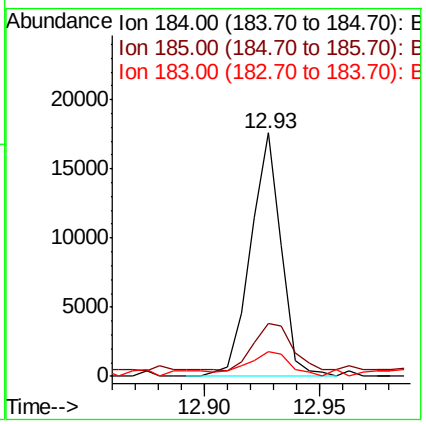


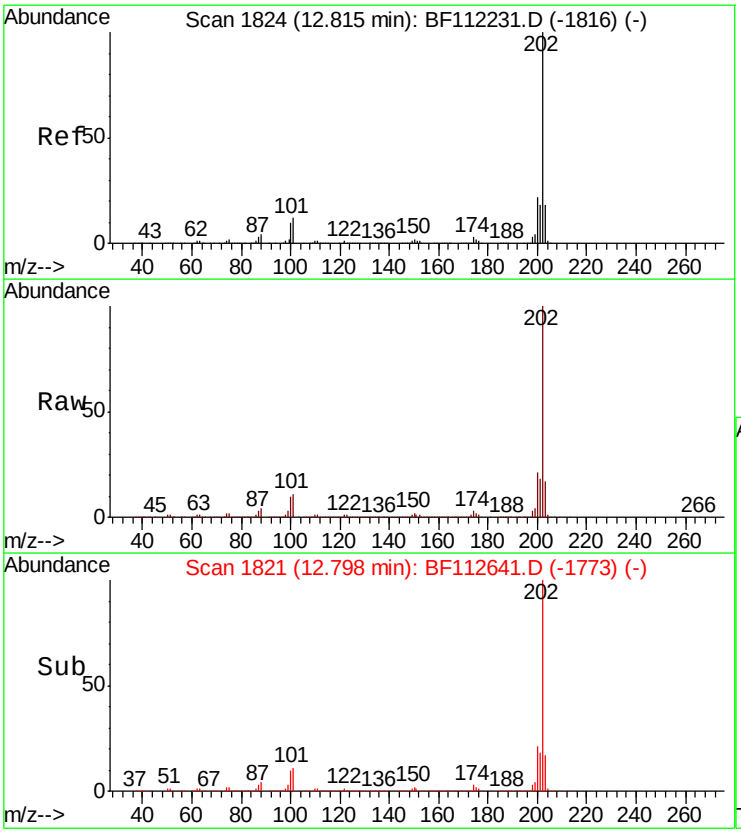

#77
Benzidine
Concen: 2.853 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.23 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:184 Resp: 16275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 21.6 | 13.9 | 20.9# |
| 183 | 10.1 | 10.0 | 15.0 |

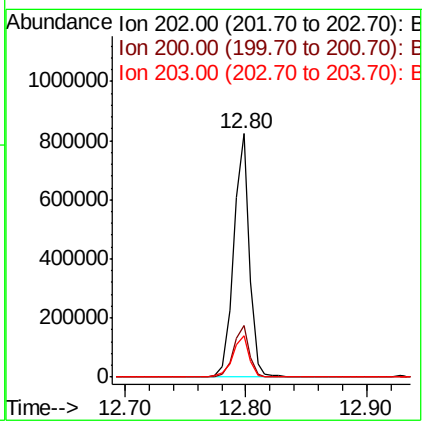


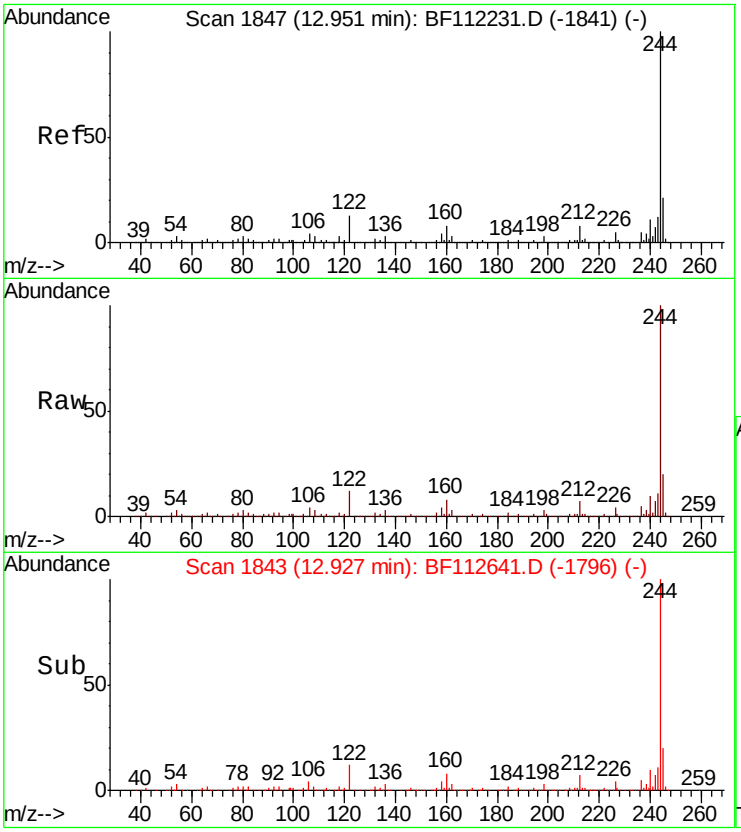




#78
Pyrene
Concen: 51.421 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:202 Resp: 737853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.2 | 17.7 | 26.5 |
| 203 | 17.0 | 14.6 | 22.0 |



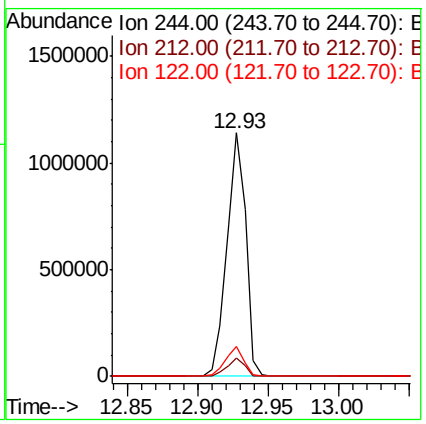


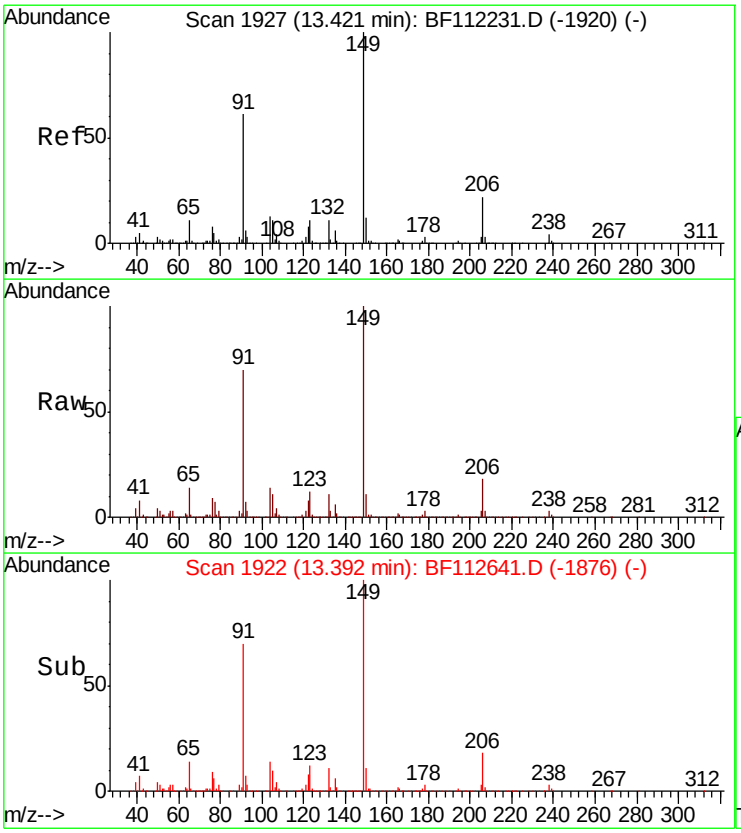

#79
Terphenyl-d14
Concen: 96.254 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:244 Resp: 1059195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.9 | 8.9 |
| 122 | 12.1 | 9.8 | 14.6 |

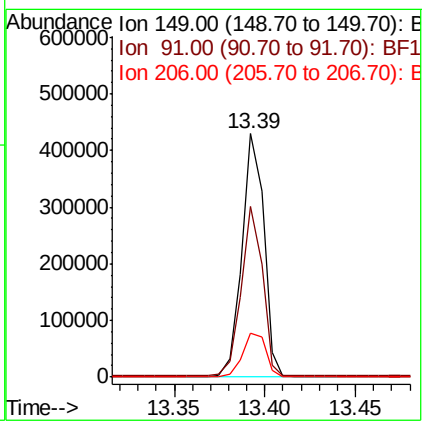


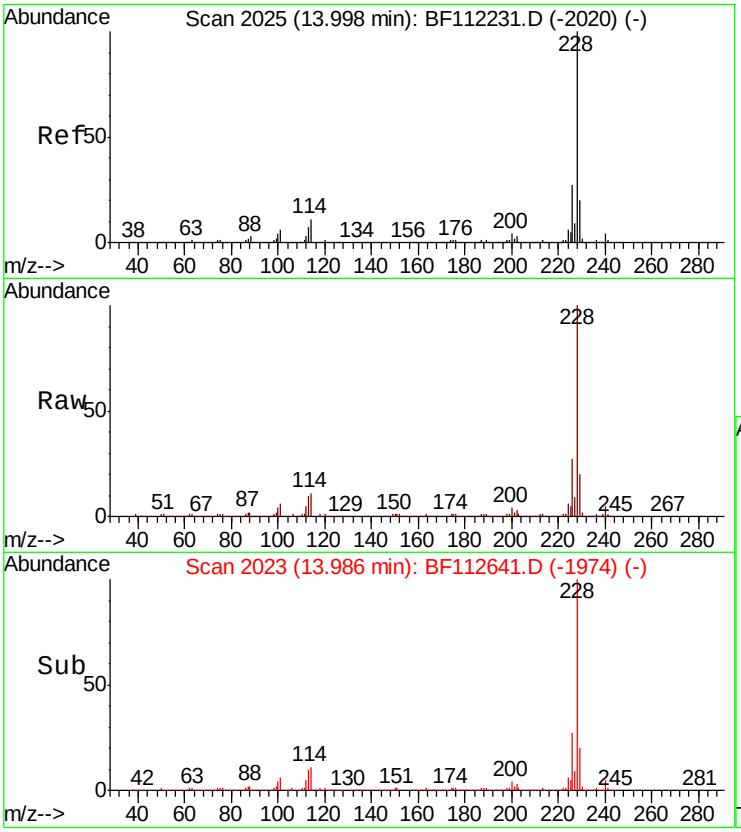




#80
Butylbenzylphthalate
Concen: 51.925 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:149 Resp: 360487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 70.2 | 50.3 | 75.5 |
| 206 | 17.8 | 18.2 | 27.4# |



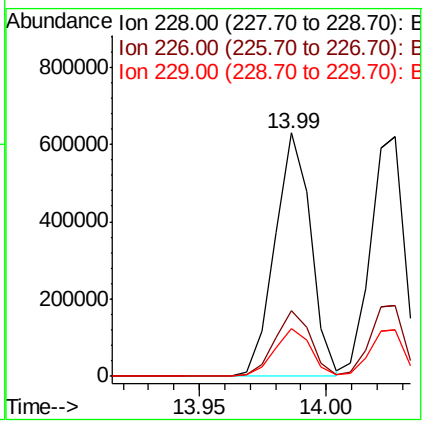


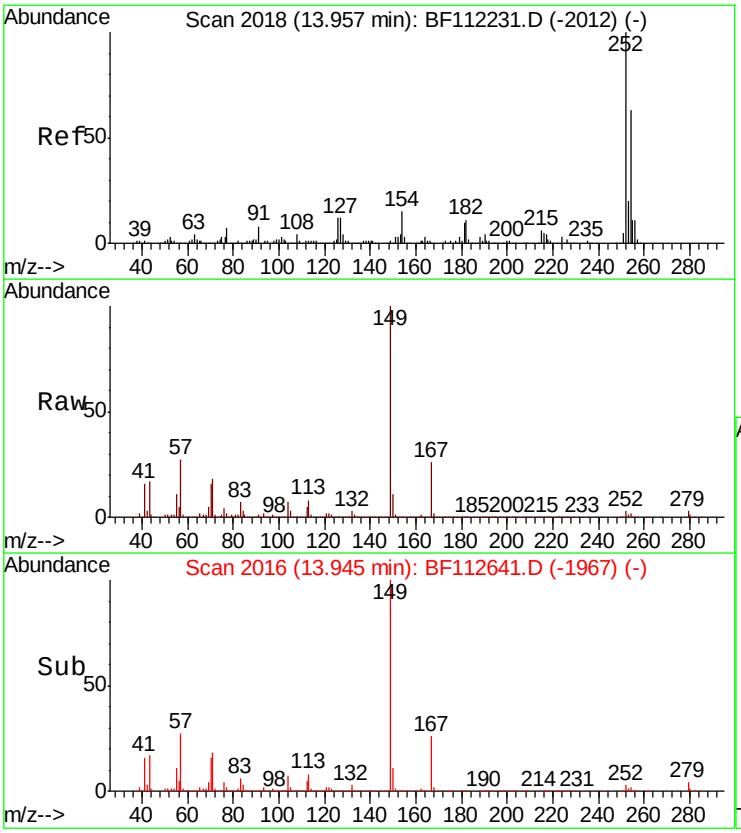

#81
Benzo(a)anthracene
Concen: 50.666 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:228 Resp: 617299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 22.6 | 34.0 |
| 229 | 19.7 | 16.5 | 24.7 |

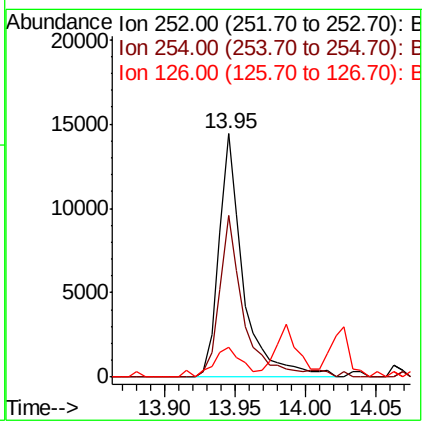


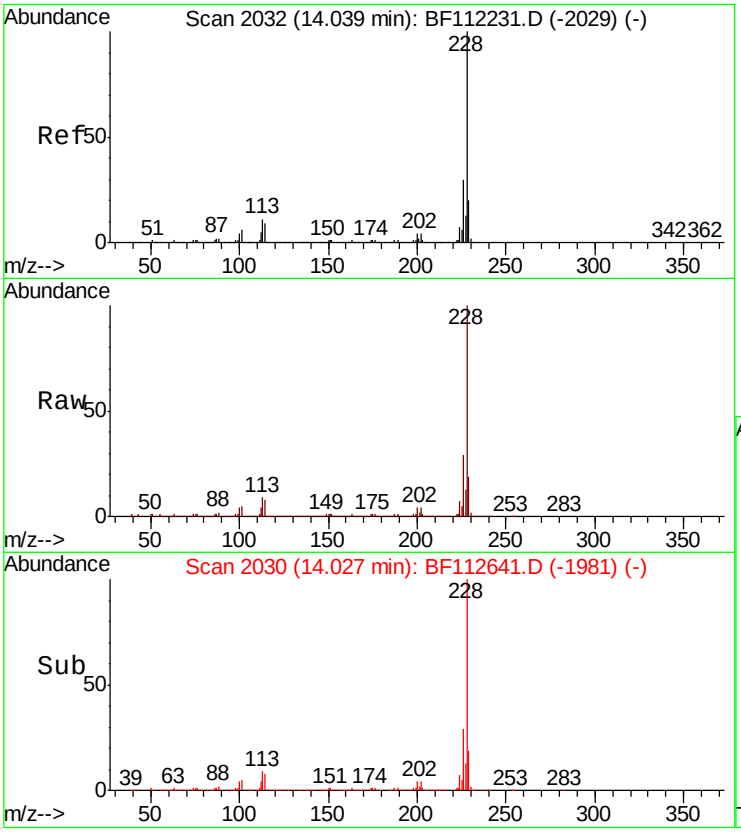




#82
3,3'-Dichlorobenzidine
Concen: 3.775 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:252 Resp: 17211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 66.6 | 51.6 | 77.4 |
| 126 | 12.1 | 8.6 | 12.8 |



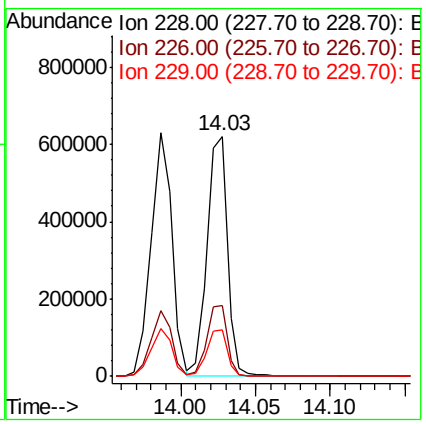


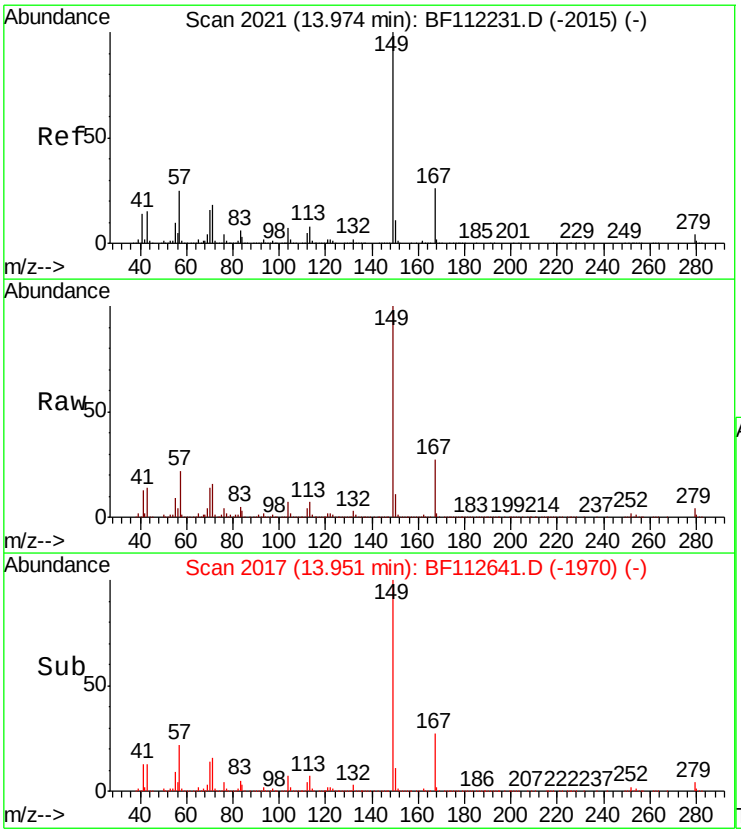

#83
Chrysene
Concen: 50.423 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:228 Resp: 586410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.4 | 25.0 | 37.6 |
| 229 | 19.2 | 16.6 | 24.8 |

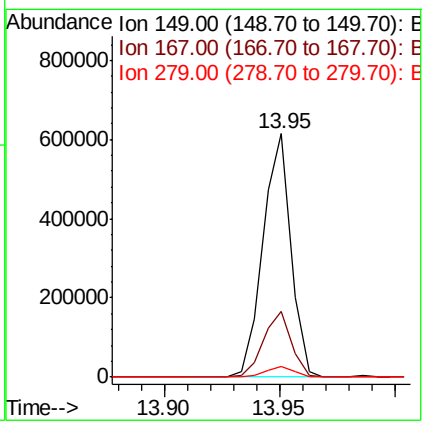


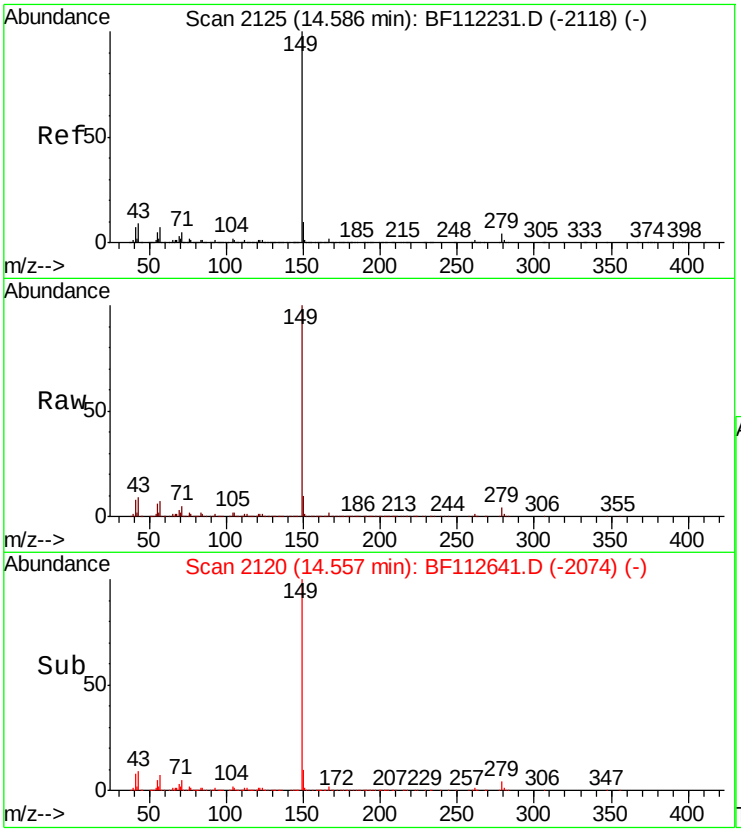




#84
Bis(2-ethylhexyl)phthalate
Concen: 52.606 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:149 Resp: 518414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.7 | 22.5 | 33.7 |
| 279 | 4.4 | 3.8 | 5.6 |



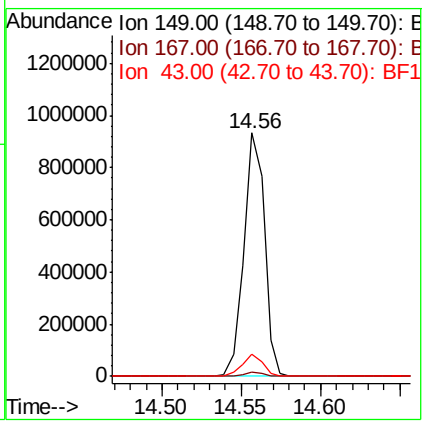


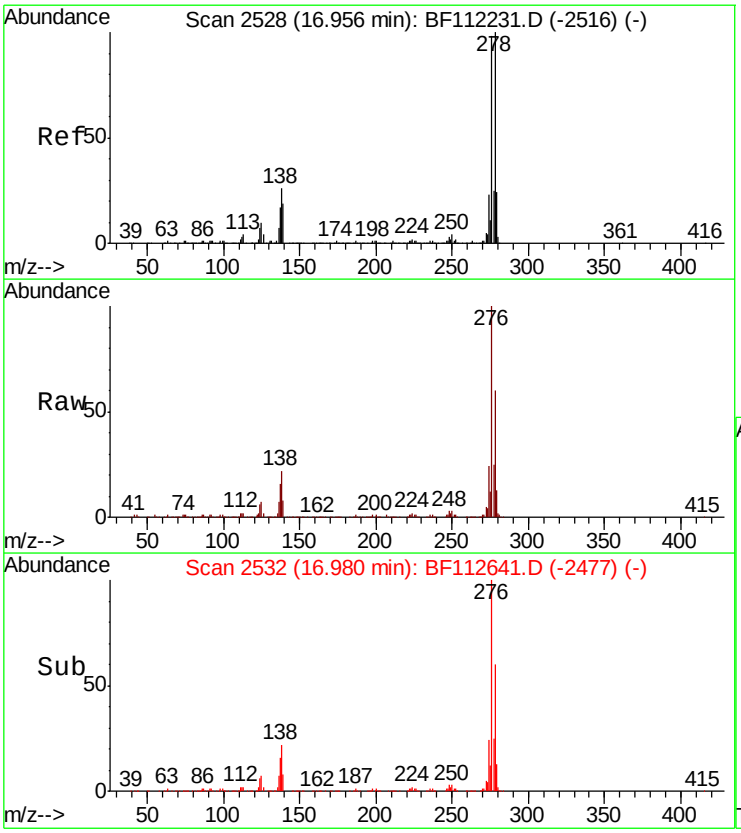

#85
Di-n-octyl phthalate
Concen: 55.218 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.03 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:149 Resp: 837209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 8.7 | 7.8 | 11.6 |

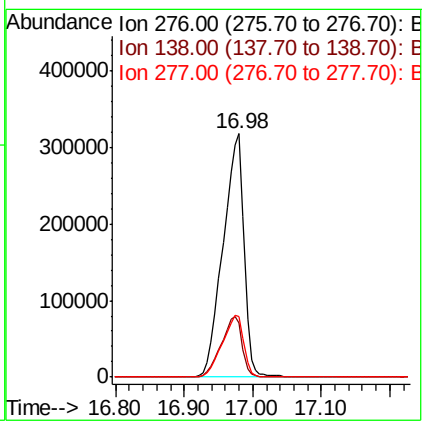


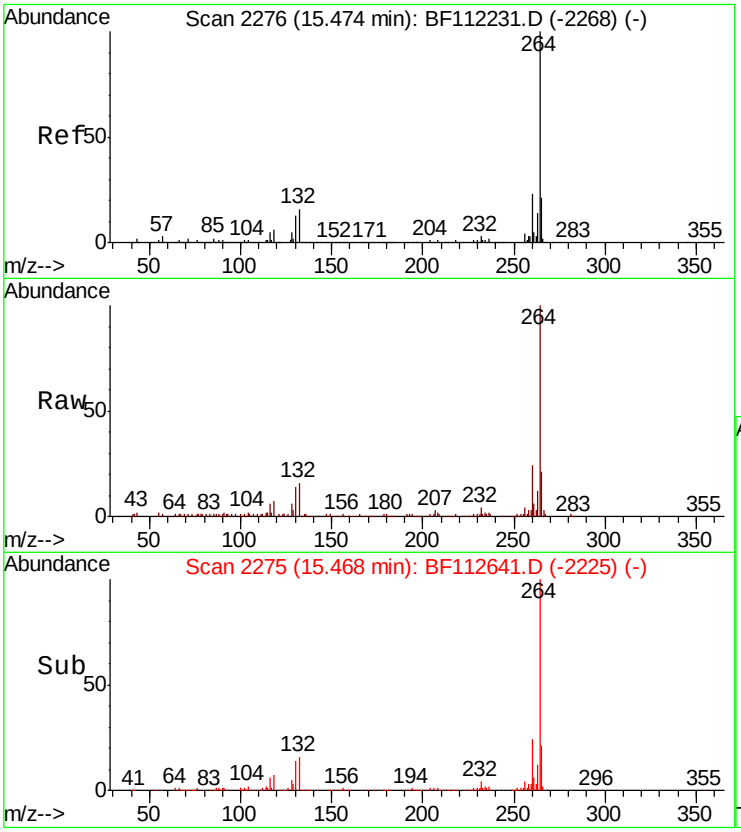




#86
Indeno(1,2,3-cd)pyrene
Concen: 73.207 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:276 Resp: 674627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.0 | 22.6 | 34.0 |
| 277 | 25.9 | 20.3 | 30.5 |



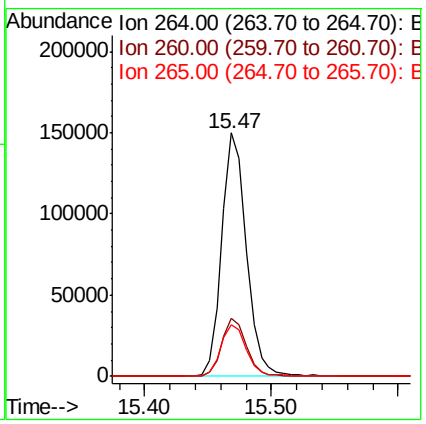


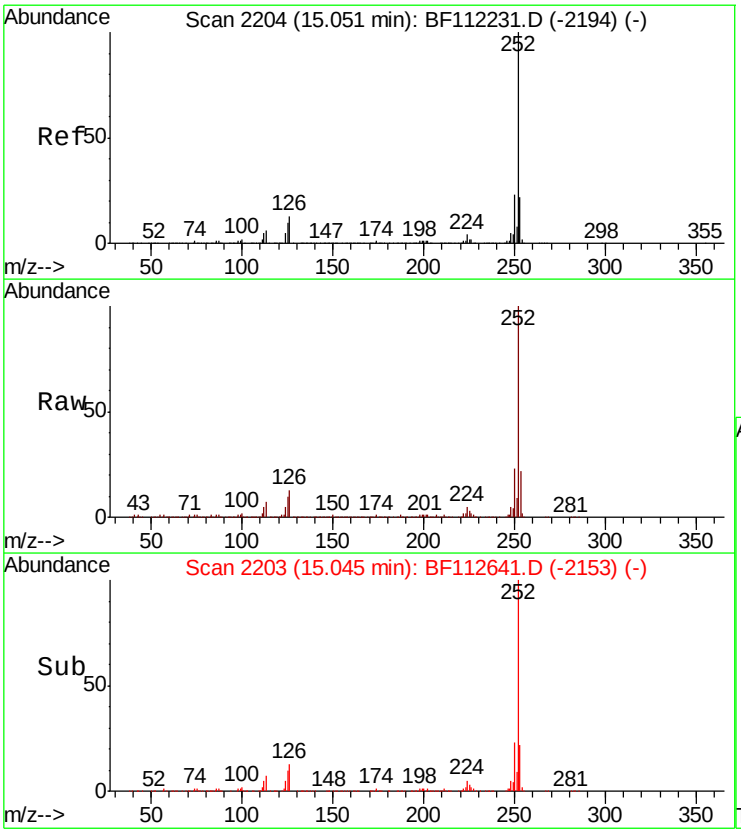

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:264 Resp: 202337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 18.2 | 27.2 |
| 265 | 20.9 | 17.0 | 25.4 |

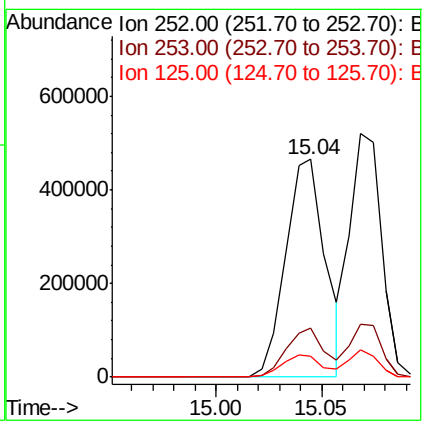


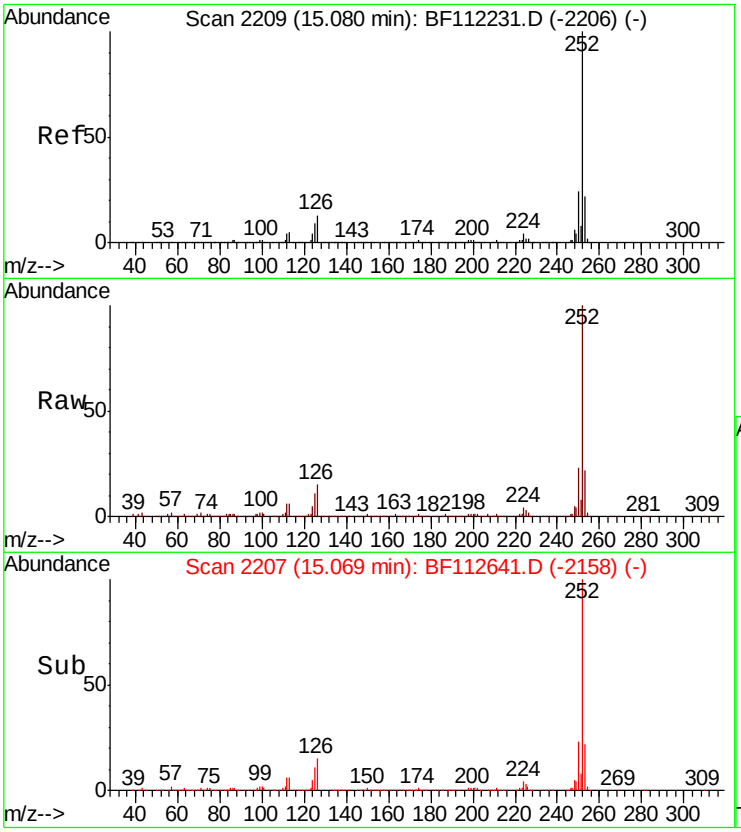




#88
Benzo(b)fluoranthene
Concen: 50.323 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:252 Resp: 608940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.0 | 27.0 |
| 125 | 9.6 | 8.7 | 13.1 |



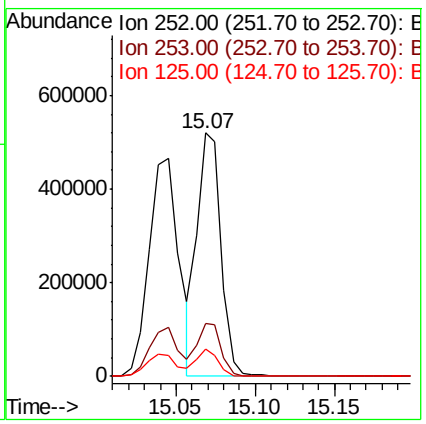


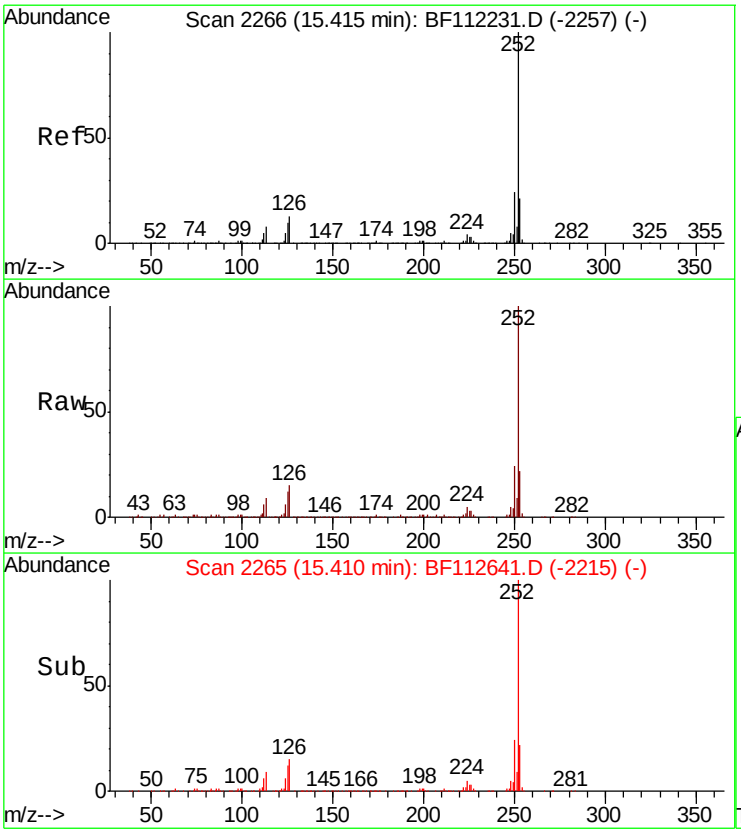

#89
Benzo(k)fluoranthene
Concen: 47.416 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:252 Resp: 549587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 18.0 | 27.0 |
| 125 | 11.1 | 9.1 | 13.7 |

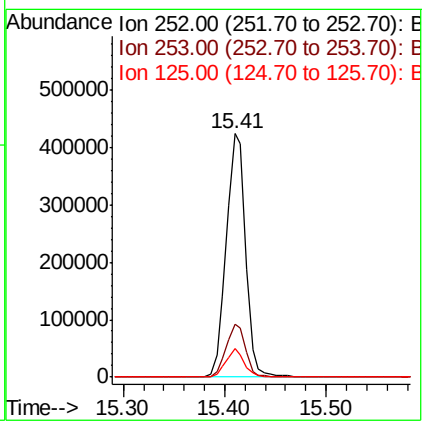


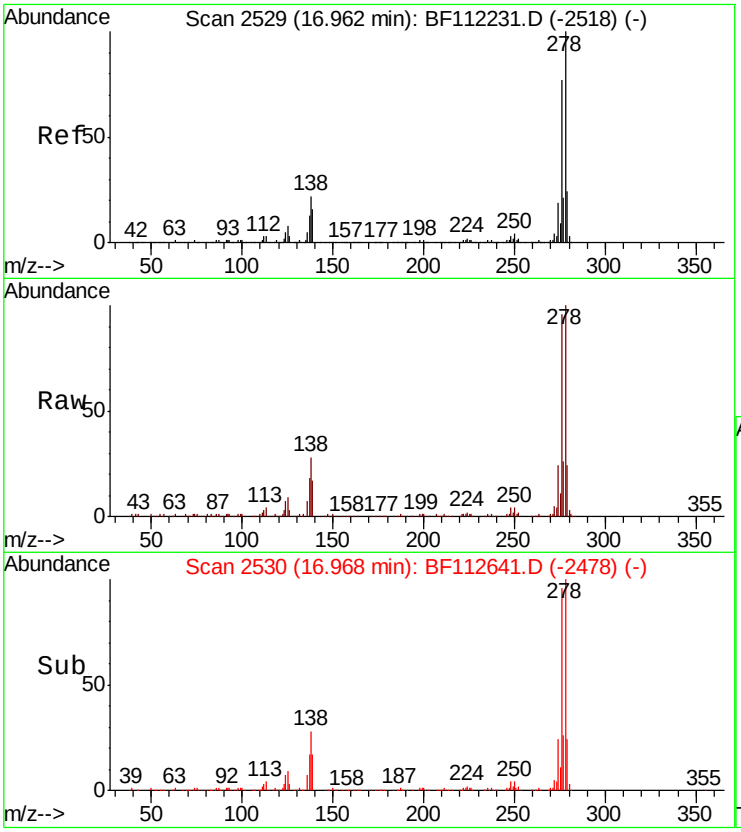




#90
Benzo(a)pyrene
Concen: 51.652 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:252 Resp: 562397

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.8 | 17.5 | 26.3 |
| 125 | 11.7 | 9.0 | 13.4 |



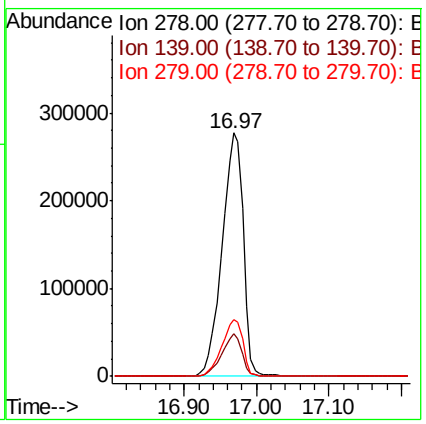


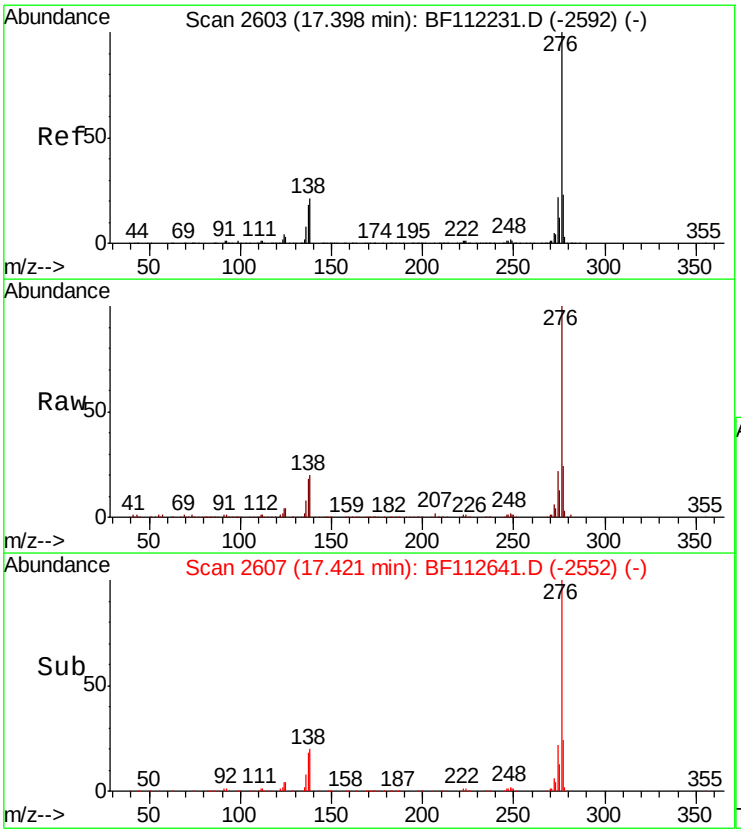

#91
Dibenzo(a,h)anthracene
Concen: 64.155 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

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

Tgt Ion:278 Resp: 562972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.4 | 13.7 | 20.5 |
| 279 | 23.6 | 19.0 | 28.6 |




#92
Benzo(g,h,i)perylene
Concen: 67.835 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.02 min
Lab File: BF112641.D
Acq: 20 Feb 2019 14:53

Tgt Ion:276 Resp: 561609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 19.4 | 29.0 |
| 138 | 20.1 | 19.1 | 28.7 |