Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110461.D
Acq On : 5 Nov 2018 13:34
Operator : JU/SJ
Sample : J5745-18MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 05 16:54:58 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 | 99329 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.24 | 136 | 416129 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.00 | 164 | 204716 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.49 | 188 | 374176 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.14 | 240 | 209589 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.66 | 264 | 173486 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.59 | 112 | 825524 | 135.34 | ng | | 0.02 |
| 7) Phenol-d6 | 6.59 | 99 | 1086781 | 139.30 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.53 | 82 | 685544 | 97.71 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.80 | 330 | 275420 | 135.82 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.32 | 172 | 1235598 | 94.78 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.07 | 244 | 1114881 | 110.63 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.88 | 88 | 96819 | 30.296 | ng | | 91 |
| 3) Pyridine | 3.66 | 79 | 211276 | 29.682 | ng | | 86 |
| 4) n-Nitrosodimethylamine | 3.61 | 42 | 147746 | 49.544 | ng | | 90 |
| 6) Aniline | 6.63 | 93 | 316003 | 31.093 | ng | # | 54 |
| 8) 2-Chlorophenol | 6.75 | 128 | 334169 | 47.519 | ng | | 97 |
| 9) Benzaldehyde | 6.51 | 77 | 223404 | 55.204 | ng | | 98 |
| 10) Phenol | 6.60 | 94 | 456582 | 54.749 | ng | # | 67 |
| 11) bis(2-Chloroethyl)ether | 6.69 | 93 | 301624 | 43.961 | ng | | 94 |
| 12) 1,3-Dichlorobenzene | 6.90 | 146 | 334695 | 43.248 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.97 | 146 | 344096 | 43.963 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.13 | 146 | 318975 | 43.900 | ng | | 99 |
| 15) Benzyl Alcohol | 7.10 | 79 | 289948 | 48.320 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.22 | 45 | 488117 | 44.495 | ng | | 72 |
| 17) 2-Methylphenol | 7.21 | 107 | 273940 | 48.879 | ng | # | 84 |
| 18) Hexachloroethane | 7.46 | 117 | 127521 | 44.501 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70 | 230181 | 45.988 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.36 | 107 | 339300 | 46.836 | ng | | 92 |
| 22) Acetophenone | 7.37 | 105 | 458377 | 47.805 | ng | # | 95 |
| 24) Nitrobenzene | 7.55 | 77 | 344613 | 47.577 | ng | | 95 |
| 25) Isophorone | 7.78 | 82 | 648970 | 54.265 | ng | | 96 |
| 26) 2-Nitrophenol | 7.86 | 139 | 178589 | 51.812 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 7.89 | 122 | 300112 | 52.516 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93 | 404582 | 49.799 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.10 | 162 | 286183 | 49.569 | ng | | 100 |
| 30) 1,2,4-Trichlorobenzene | 8.18 | 180 | 298957 | 46.228 | ng | | 94 |
| 31) Naphthalene | 8.26 | 128 | 967204 | 50.431 | ng | | 100 |
| 32) Benzoic acid | 7.97 | 122 | 31007 | 7.020 | ng | | 94 |
| 33) 4-Chloroaniline | 8.31 | 127 | 159359 | 18.462 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.37 | 225 | 161565 | 44.995 | ng | | 99 |
| 35) Caprolactam | 8.69 | 113 | 31878 | 15.842 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 8.79 | 107 | 313388 | 50.197 | ng | | 94 |
| 37) 2-Methylnaphthalene | 8.96 | 142 | 677451 | 53.387 | ng | | 98 |
| 38) 1-Methylnaphthalene | 9.06 | 142 | 635124 | 51.794 | ng | | 98 |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 286133 | 44.859 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110461.D
Acq On : 5 Nov 2018 13:34
Operator : JU/SJ
Sample : J5745-18MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 05 16:54:58 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 | 271340 | 83.193 ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.23 | 196 | 194418 | 47.257 ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 9.28 | 196 | 208285 | 47.896 ng | | 94 |
| 46) 1,1'-Biphenyl | 9.42 | 154 | 822115 | 44.409 ng | | 99 |
| 47) 2-Chloronaphthalene | 9.45 | 162 | 616958 | 45.433 ng | | 98 |
| 48) 2-Nitroaniline | 9.55 | 65 | 203486 | 49.450 ng | | 97 |
| 49) Acenaphthylene | 9.86 | 152 | 964864 | 49.194 ng | | 98 |
| 50) Dimethylphthalate | 9.72 | 163 | 914469 | 60.514 ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.79 | 165 | 160648 | 49.353 ng | | 98 |
| 52) Acenaphthene | 10.04 | 154 | 586754 | 45.221 ng | | 98 |
| 53) 3-Nitroaniline | 9.96 | 138 | 123519 | 31.909 ng | | 96 |
| 54) 2,4-Dinitrophenol | 10.07 | 184 | 69043 | 55.162 ng | | 90 |
| 55) Dibenzofuran | 10.21 | 168 | 835600 | 45.997 ng | | 97 |
| 56) 4-Nitrophenol | 10.13 | 139 | 329148 | 114.888 ng | | 98 |
| 57) 2,4-Dinitrotoluene | 10.20 | 165 | 212922 | 51.498 ng | | 94 |
| 58) Fluorene | 10.55 | 166 | 684967 | 50.662 ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.33 | 232 | 174758 | 49.303 ng | | 95 |
| 60) Diethylphthalate | 10.42 | 149 | 707476 | 47.960 ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 10.54 | 204 | 323283 | 45.326 ng | | 97 |
| 62) 4-Nitroaniline | 10.58 | 138 | 174102 | 45.221 ng | | 97 |
| 63) Azobenzene | 10.70 | 77 | 687847 | 46.976 ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 10.61 | 198 | 73528 | 43.011 ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.66 | 169 | 591395 | 48.187 ng | | 96 |
| 67) 4-Bromophenyl-phenylether | 11.03 | 248 | 192628 | 47.460 ng | # | 89 |
| 68) Hexachlorobenzene | 11.10 | 284 | 197600 | 45.885 ng | | 98 |
| 69) Atrazine | 11.19 | 200 | 193046 | 49.773 ng | | 98 |
| 70) Pentachlorophenol | 11.30 | 266 | 171854 | 68.437 ng | | 96 |
| 71) Phenanthrene | 11.52 | 178 | 970445 | 49.567 ng | | 99 |
| 72) Anthracene | 11.57 | 178 | 996457 | 50.776 ng | | 99 |
| 73) Carbazole | 11.73 | 167 | 868148 | 45.308 ng | | 99 |
| 74) Di-n-butylphthalate | 12.03 | 149 | 1058028 | 48.891 ng | | 100 |
| 75) Fluoranthene | 12.71 | 202 | 956417 | 48.134 ng | | 100 |
| 77) Benzidine | 12.83 | 184 | 42874 | 4.434 ng | | 97 |
| 78) Pyrene | 12.94 | 202 | 939007 | 62.493 ng | | 99 |
| 80) Butylbenzylphthalate | 13.54 | 149 | 377414 | 57.870 ng | | 96 |
| 81) Benzo(a)anthracene | 14.13 | 228 | 641286 | 51.596 ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.08 | 252 | 123083 | 28.439 ng | | 99 |
| 83) Chrysene | 14.17 | 228 | 591377 | 50.095 ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149 | 470662 | 53.386 ng | | 96 |
| 85) Di-n-octyl phthalate | 14.70 | 149 | 668904 | 48.795 ng | | 98 |
| 86) Indeno(1,2,3-cd)pyrene | 17.24 | 276 | 598204 | 61.082 ng | | 97 |
| 88) Benzo(b)fluoranthene | 15.21 | 252 | 503251 | 50.234 ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.24 | 252 | 489869 | 49.739 ng | | 97 |
| 90) Benzo(a)pyrene | 15.60 | 252 | 491017 | 53.265 ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.25 | 278 | 496230 | 62.387 ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.72 | 276 | 512451 | 65.380 ng | | 97 |

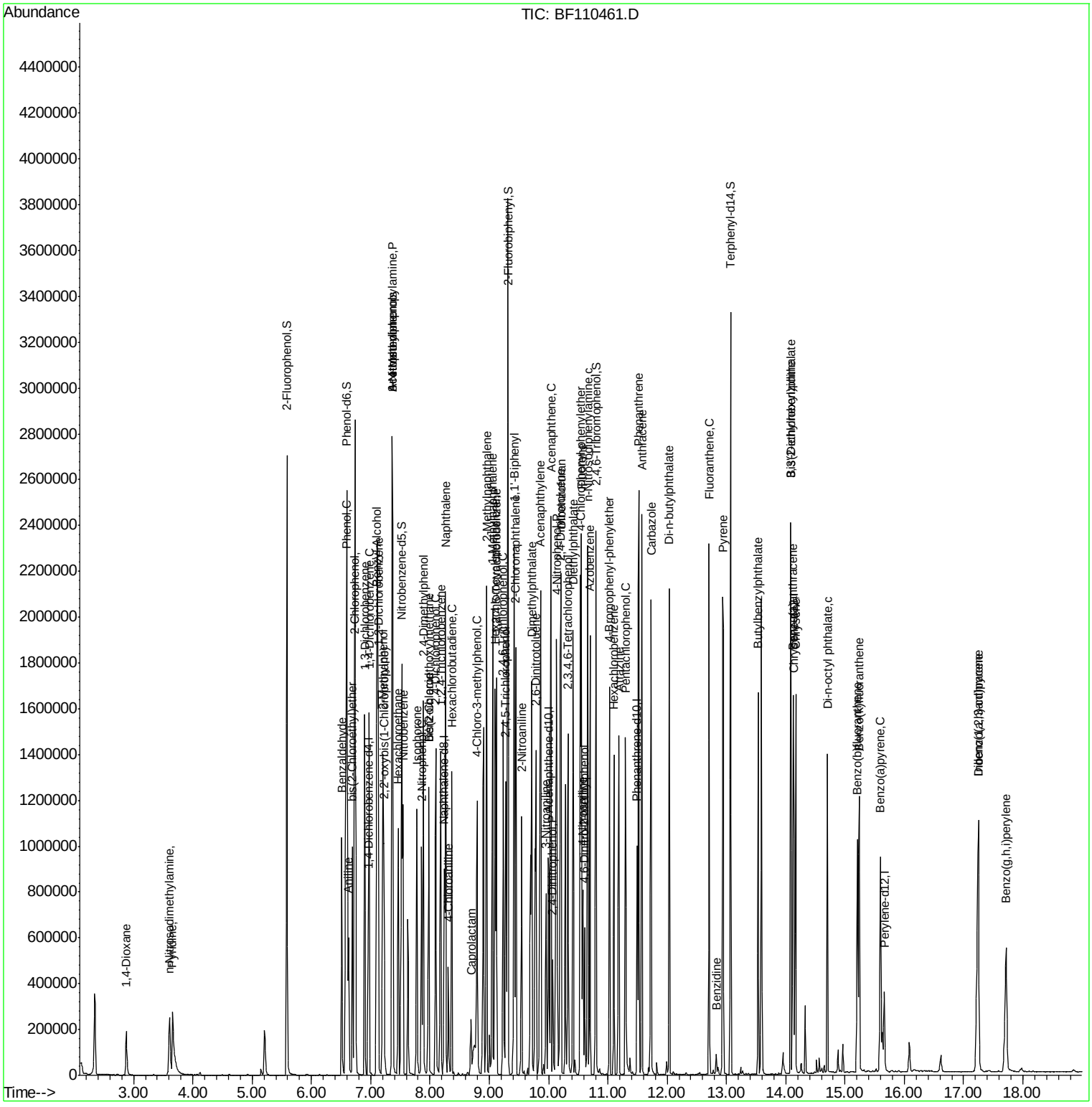
(#) = qualifier out of range (m) = manual integration (+) = signals summed

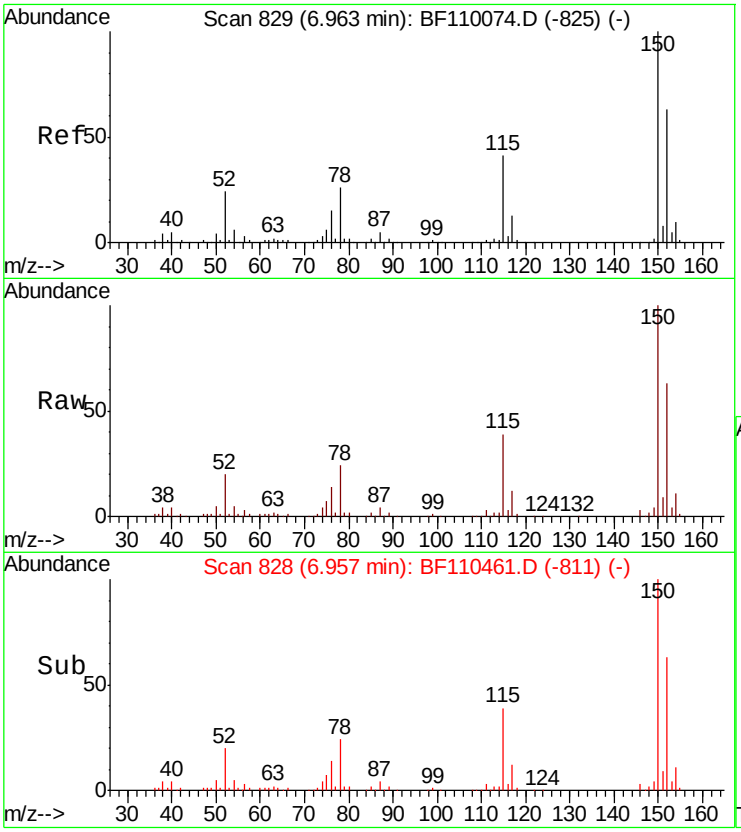
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110461.D
Acq On : 5 Nov 2018 13:34
Operator : JU/SJ
Sample : J5745-18MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 05 16:54:58 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



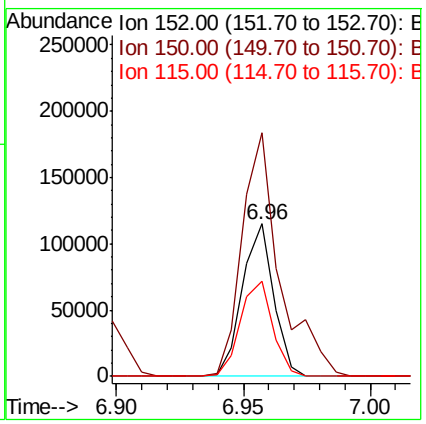


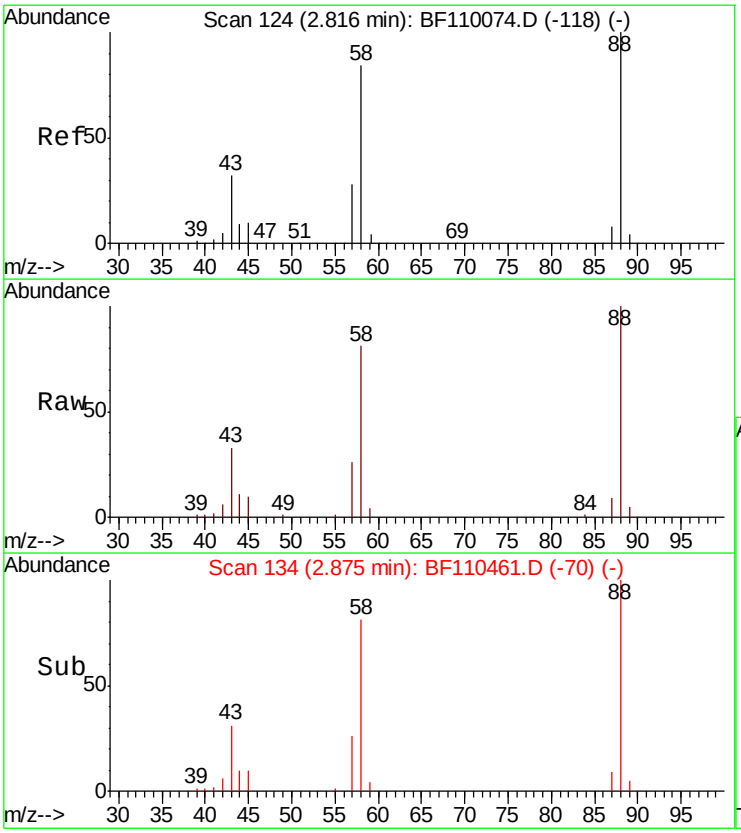

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:152 Resp: 99329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.9 | 122.7 | 184.1 |
| 115 | 62.2 | 49.1 | 73.7 |

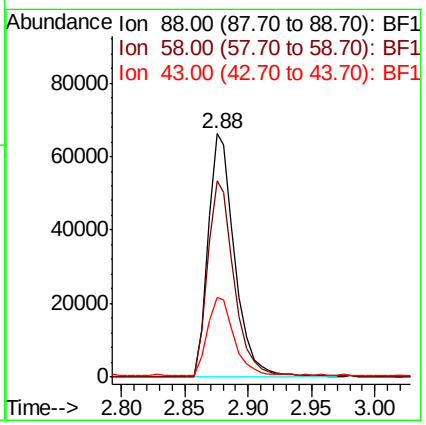


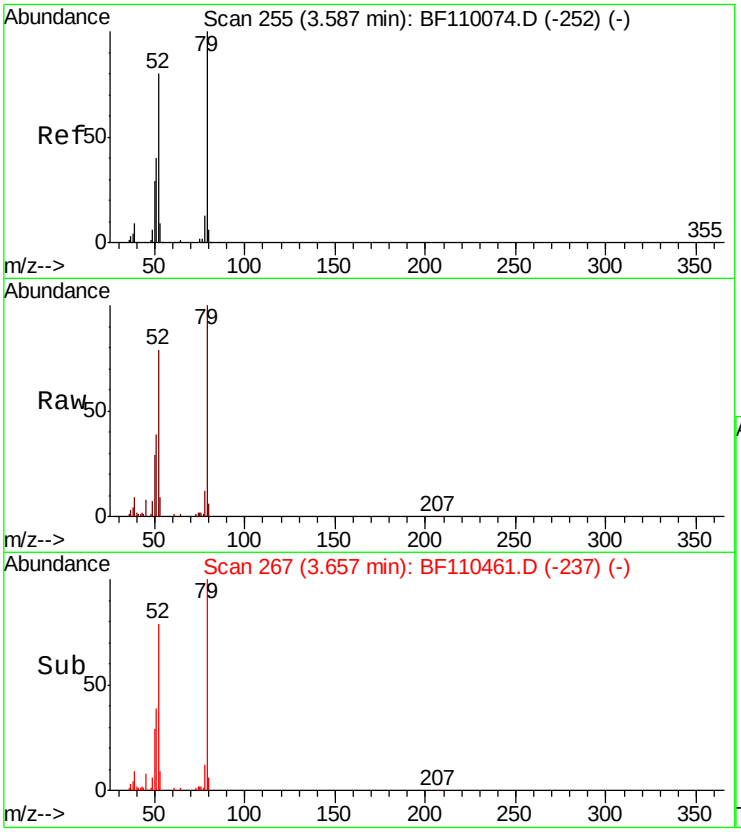




#2
1,4-Dioxane
Concen: 30.296 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.08 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion: 88 Resp: 96819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.1 | 57.1 | 85.7 |
| 43 | 32.0 | 24.1 | 36.1 |



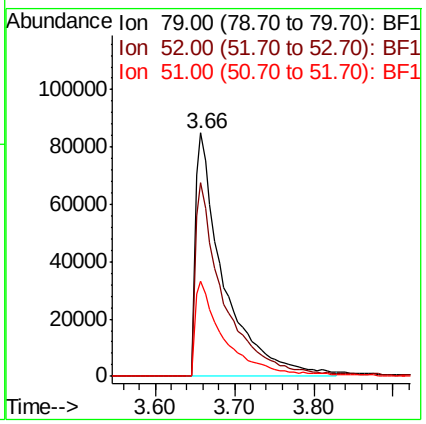


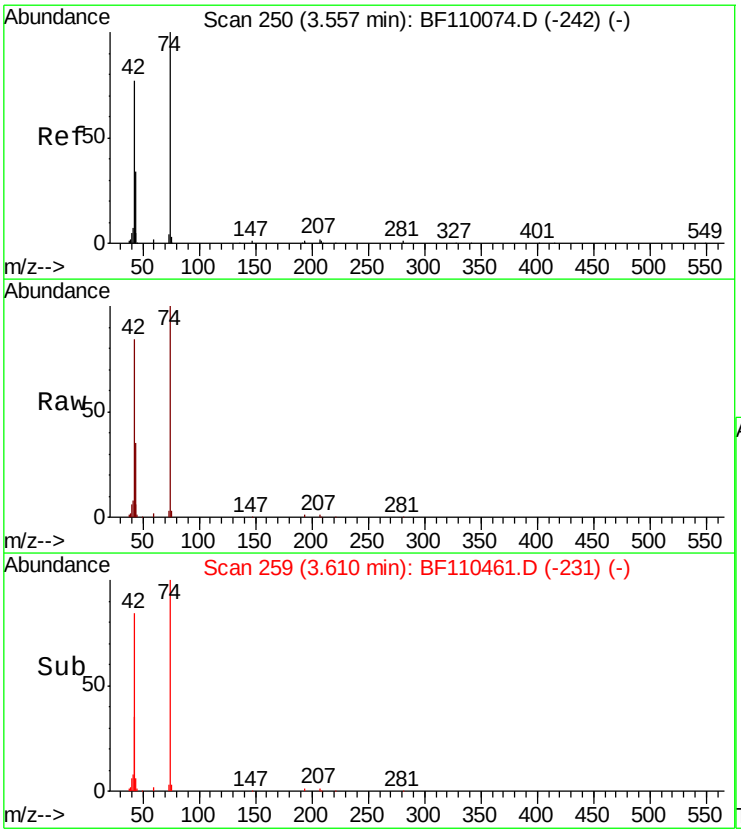

#3
Pyridine
Concen: 29.682 ng
RT: 3.66 min Scan# 267
Delta R.T. 0.08 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion: 79 Resp: 211276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 79.3 | 53.1 | 79.7 |
| 51 | 39.3 | 27.4 | 41.2 |

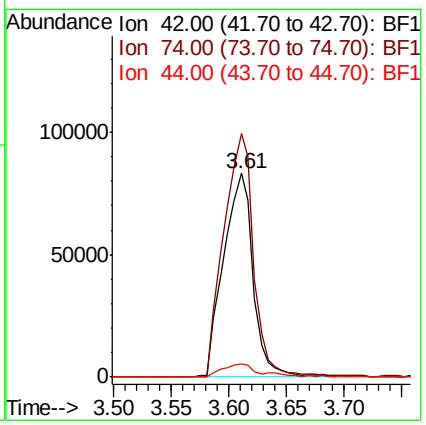


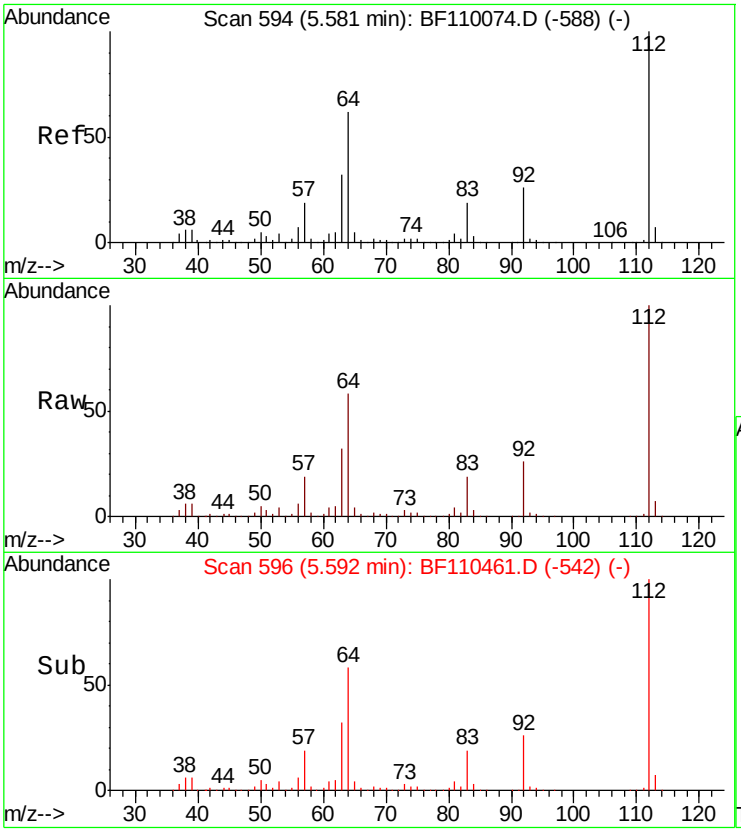




#4
n-Nitrosodimethylamine
Concen: 49.544 ng
RT: 3.61 min Scan# 259
Delta R.T. 0.06 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion: 42 Resp: 147746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 119.6 | 105.5 | 158.3 |
| 44 | 6.6 | 4.9 | 7.3 |



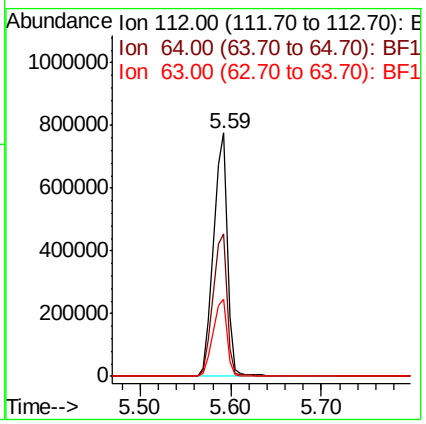


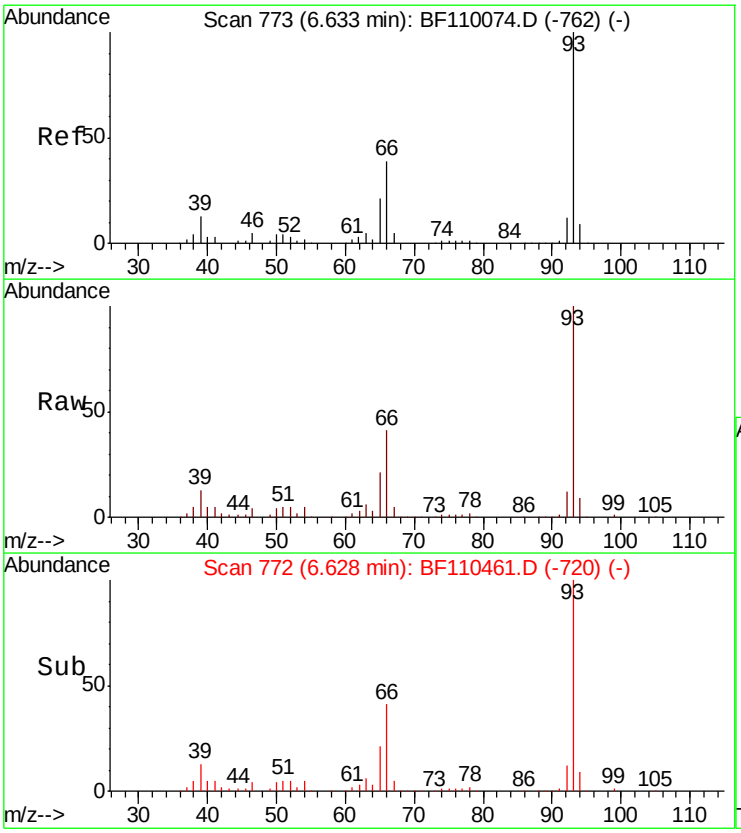

#5
2-Fluorophenol
Concen: 135.341 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.02 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:112 Resp: 825524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.5 | 44.1 | 66.1 |
| 63 | 31.6 | 23.7 | 35.5 |

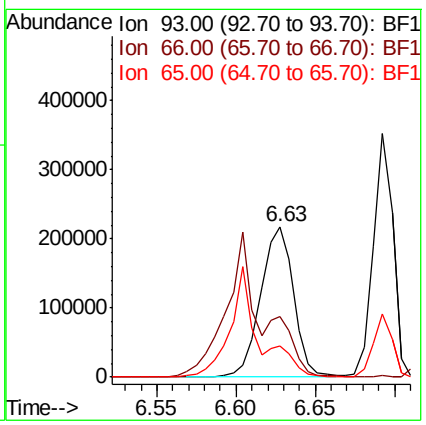


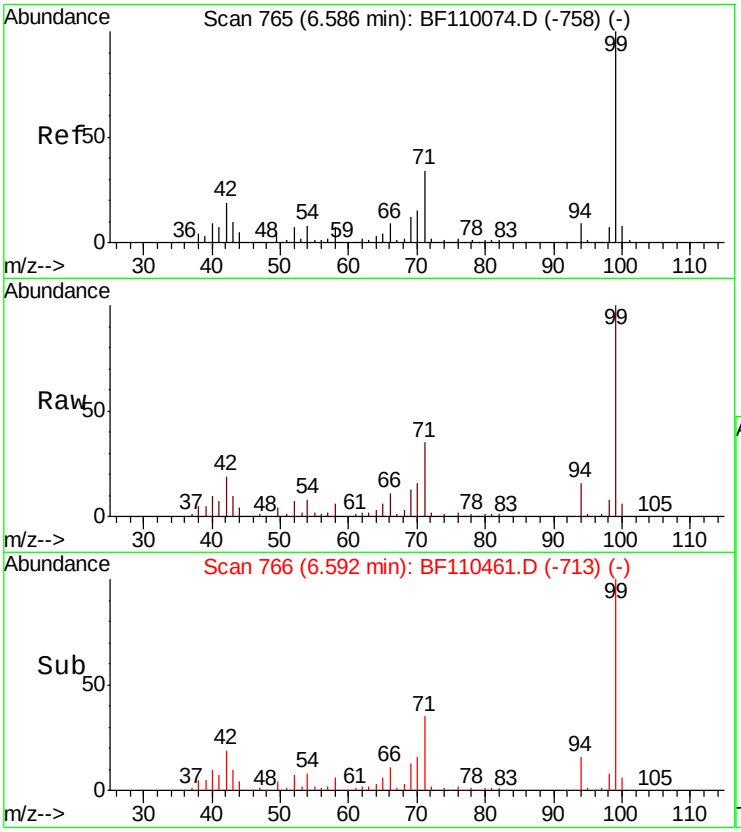




#6
Aniline
Concen: 31.093 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion: 93 Resp: 316003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 40.5 | 67.4 | 101.0# |
| 65 | 21.0 | 41.0 | 61.4# |



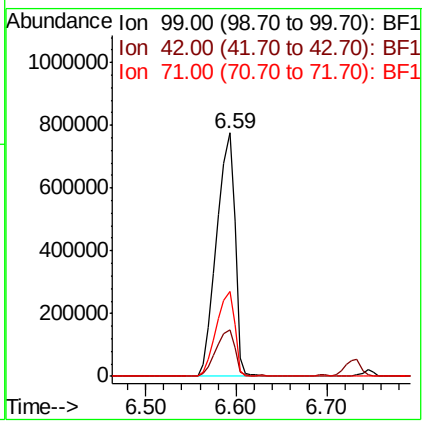


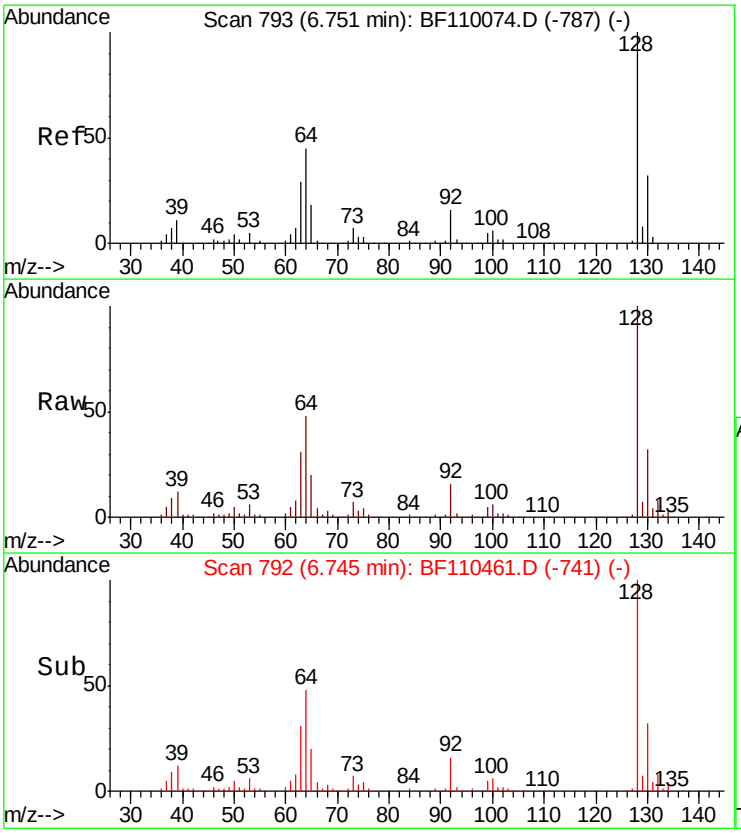

#7
Phenol-d6
Concen: 139.298 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion: 99 Resp: 1086781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.9 | 15.8 | 23.6 |
| 71 | 35.1 | 28.0 | 42.0 |

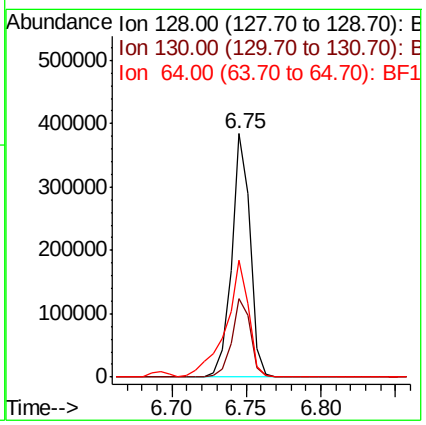


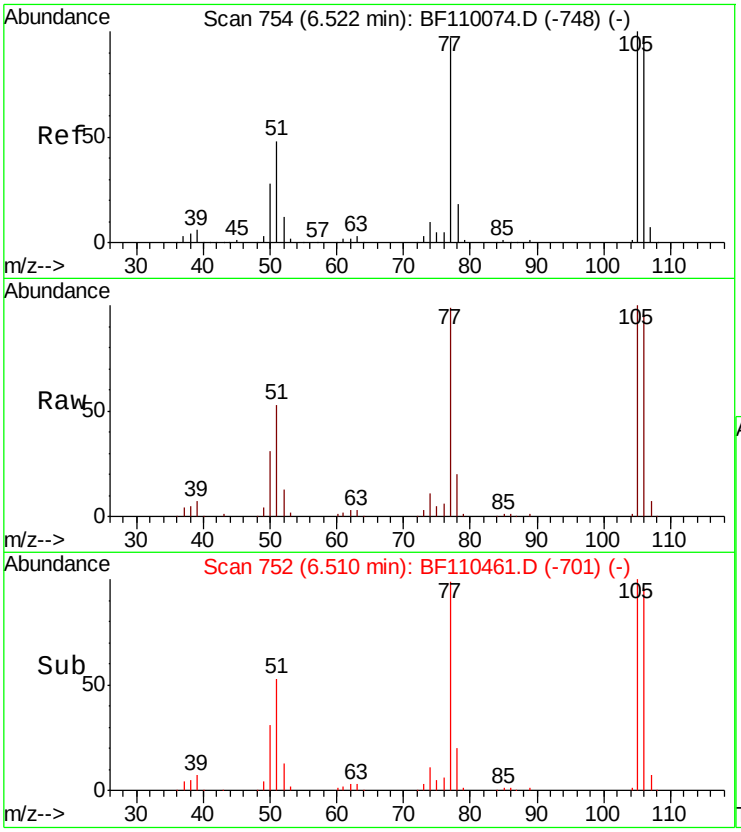




#8
2-Chlorophenol
Concen: 47.519 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:128 Resp: 334169

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.0 | 13.1 | 53.1 |
| 64 | 48.3 | 26.0 | 66.0 |



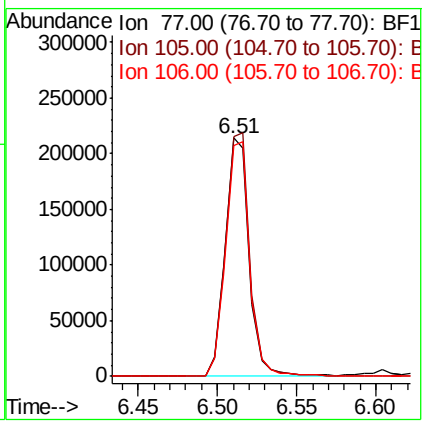


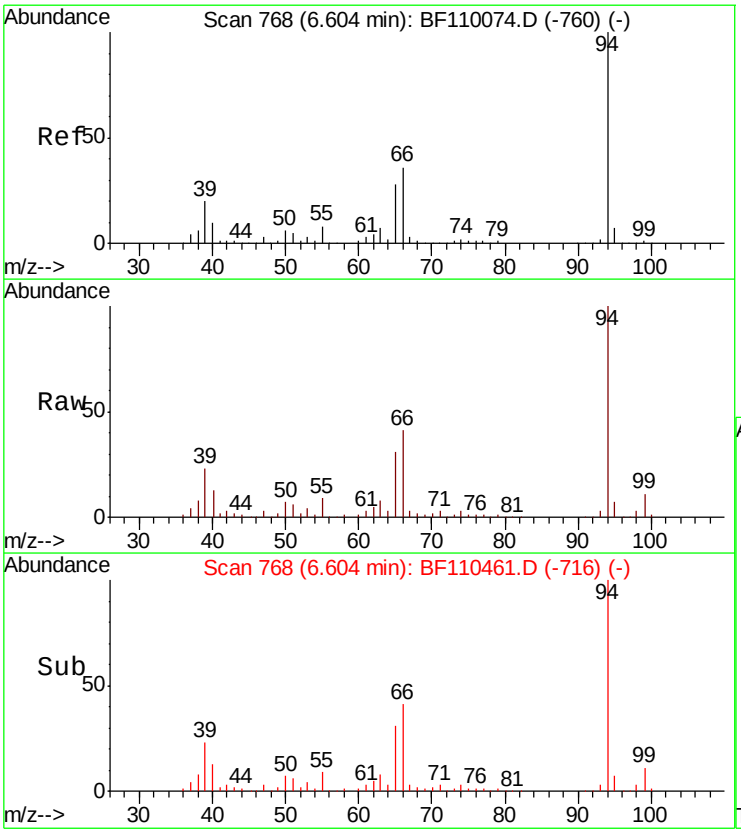

#9
Benzaldehyde
Concen: 55.204 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion: 77 Resp: 223404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.5 | 78.6 | 118.6 |
| 106 | 97.0 | 74.8 | 114.8 |

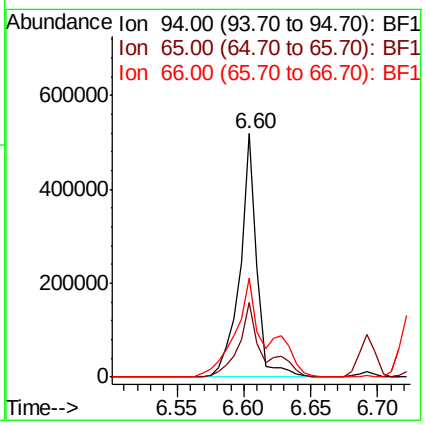


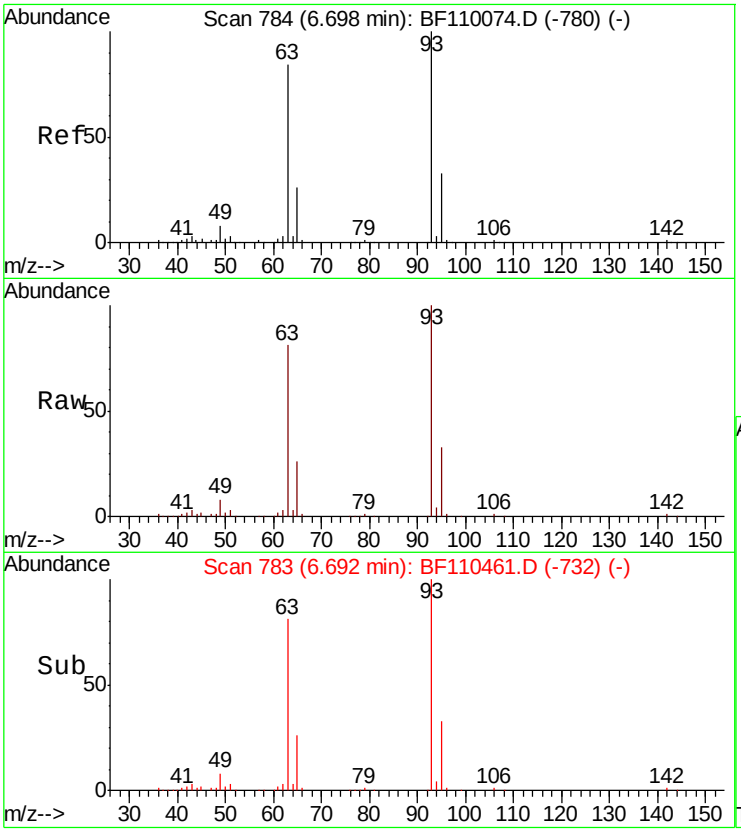




#10
Phenol
Concen: 54.749 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion: 94 Resp: 456582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.8 | 25.3 | 65.3 |
| 66 | 40.5 | 54.5 | 94.5# |



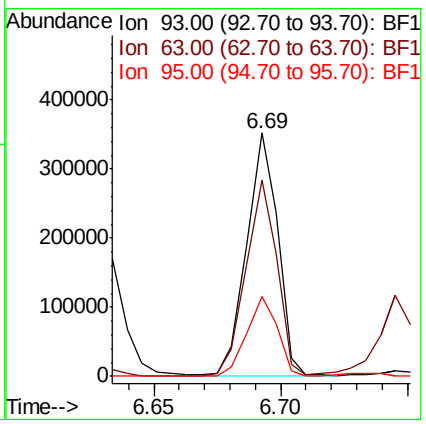


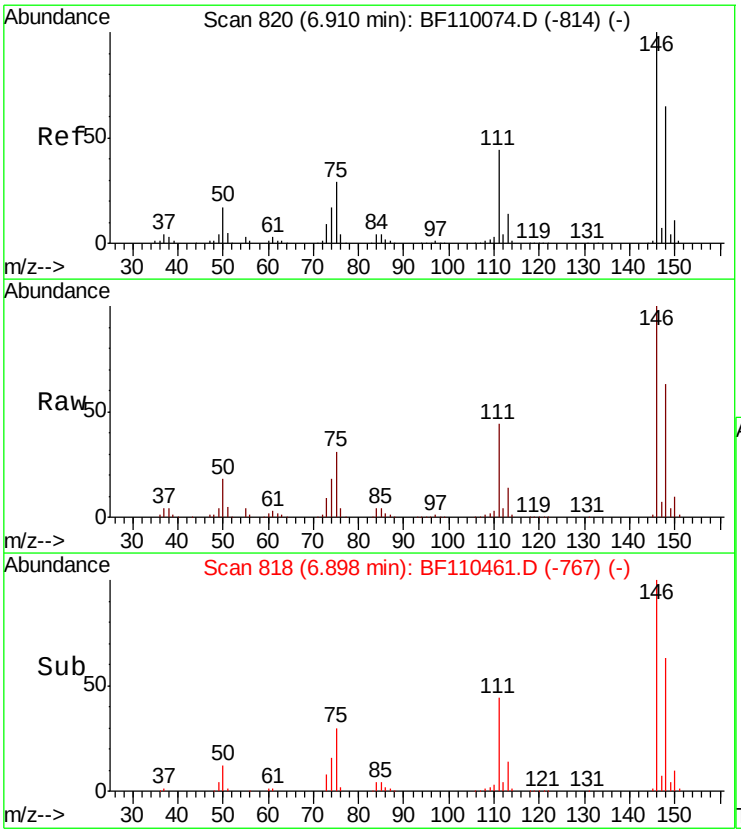

#11
bis(2-Chloroethyl)ether
Concen: 43.961 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion: 93 Resp: 301624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 80.7 | 53.4 | 93.4 |
| 95 | 32.9 | 12.1 | 52.1 |

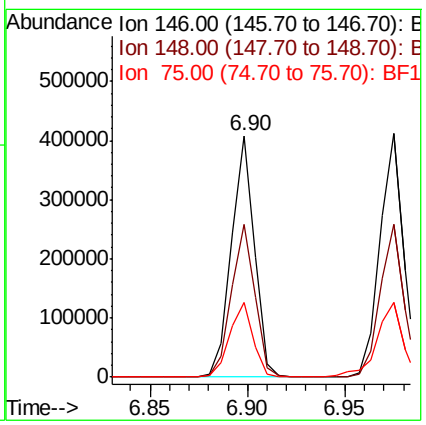


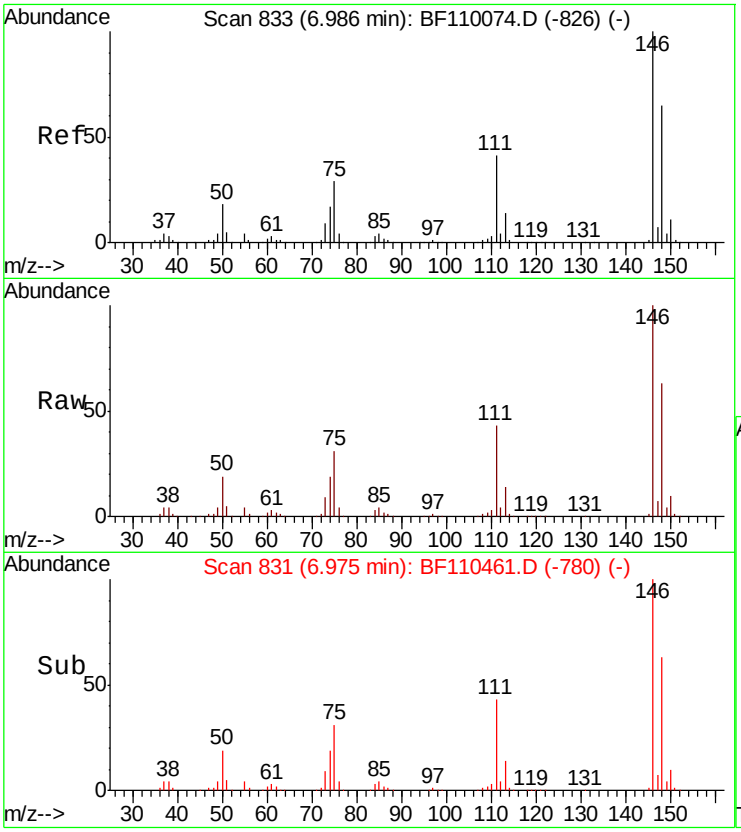




#12
1,3-Dichlorobenzene
Concen: 43.248 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:146 Resp: 334695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 50.4 | 75.6 |
| 75 | 30.8 | 25.8 | 38.6 |



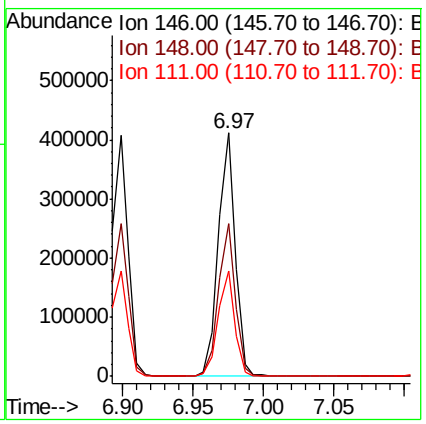


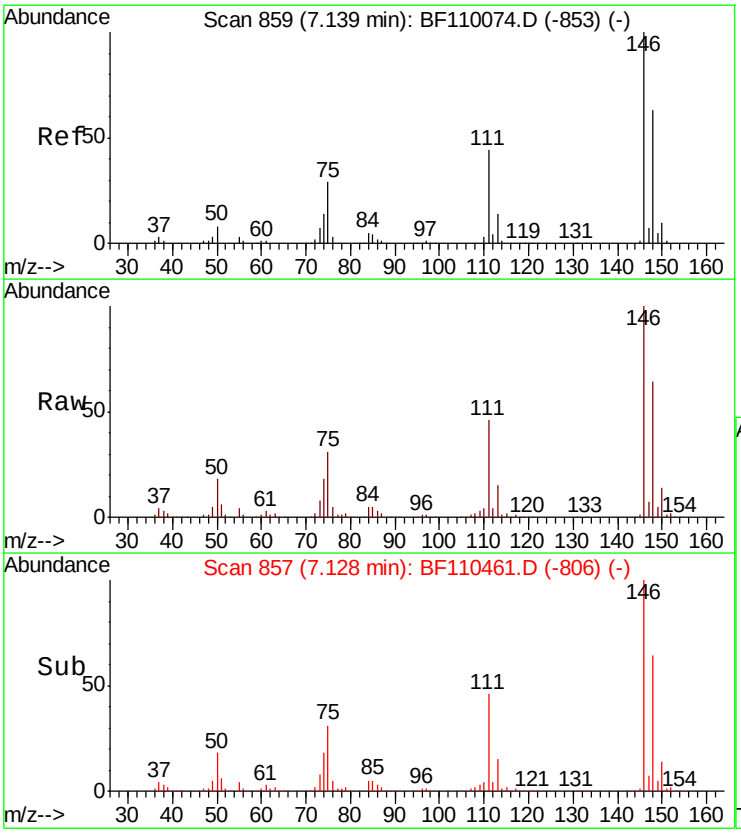

#13
1,4-Dichlorobenzene
Concen: 43.963 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:146 Resp: 344096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.6 | 50.3 | 75.5 |
| 111 | 43.1 | 32.7 | 49.1 |

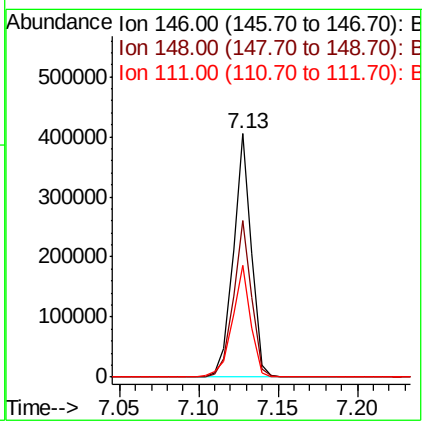


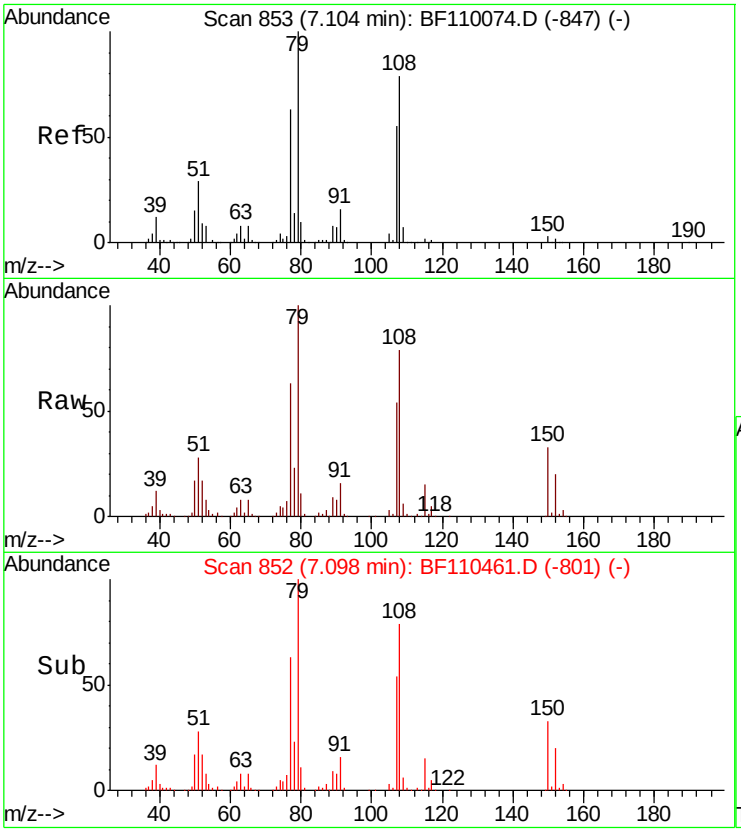




#14
1,2-Dichlorobenzene
Concen: 43.900 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:146 Resp: 318975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.1 | 76.7 |
| 111 | 45.7 | 35.8 | 53.6 |



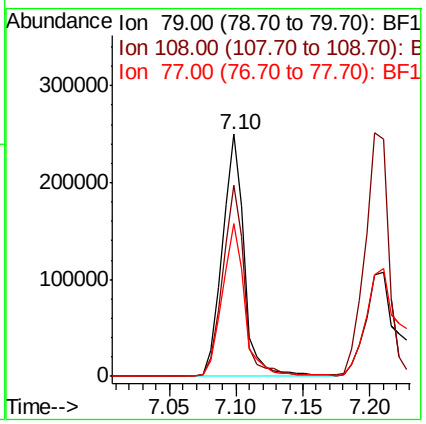


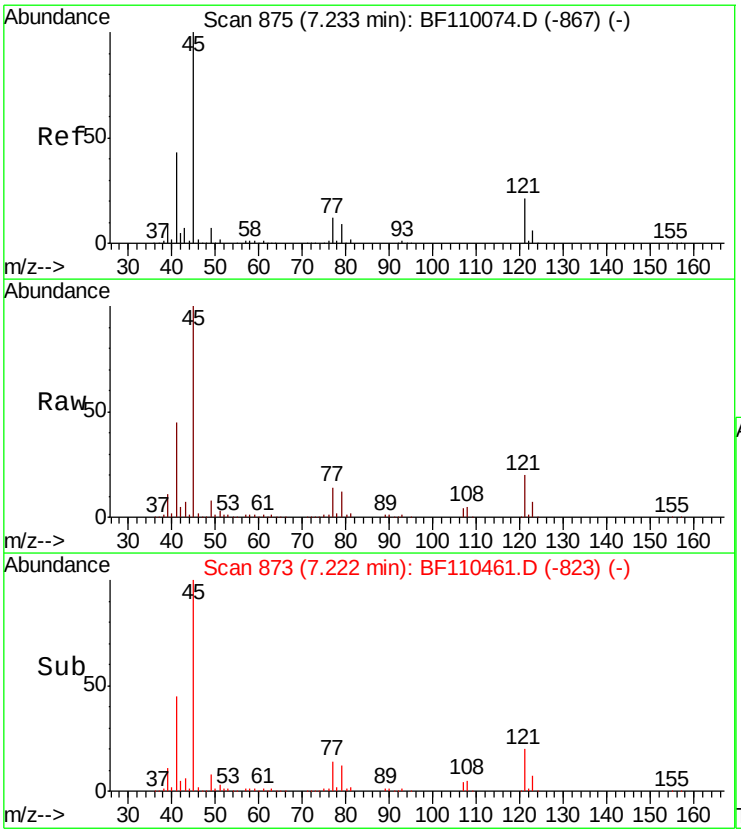

#15
Benzyl Alcohol
Concen: 48.320 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion: 79 Resp: 289948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.8 | 56.3 | 84.5 |
| 77 | 63.0 | 52.9 | 79.3 |

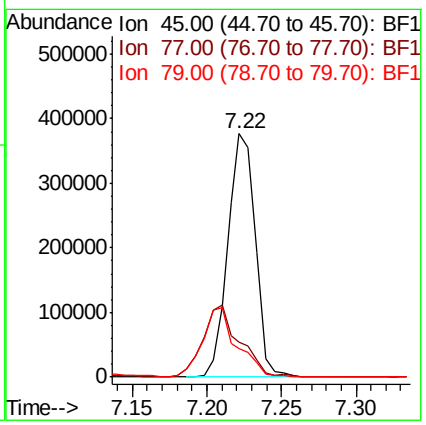


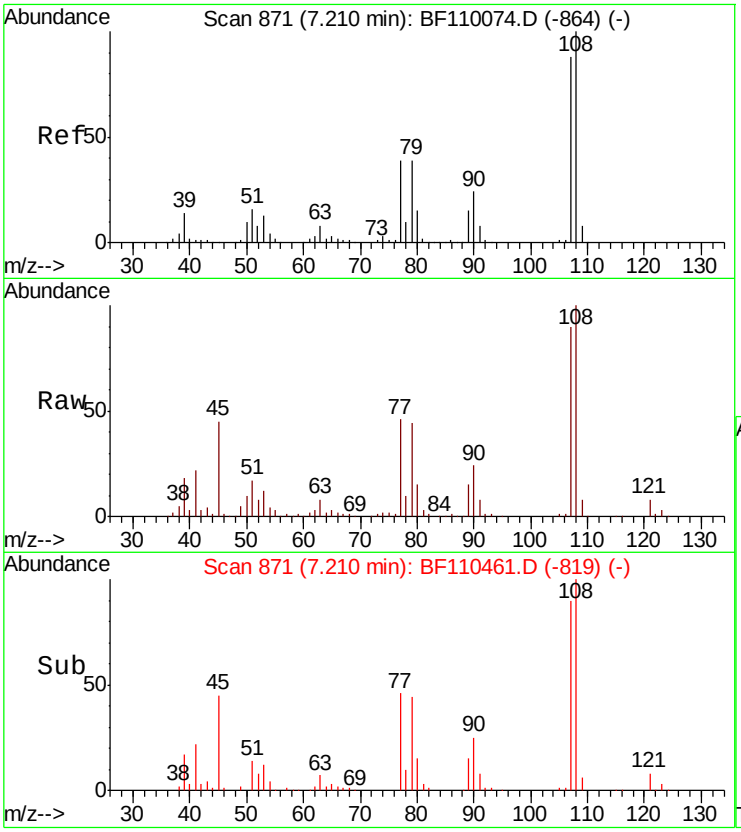




#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.495 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion: 45 Resp: 488117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.5 | 10.0 | 50.0 |
| 79 | 11.7 | 6.1 | 46.1 |



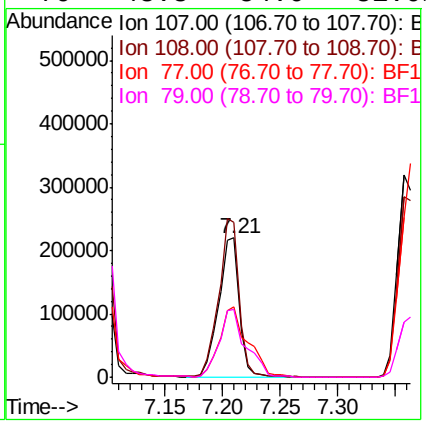


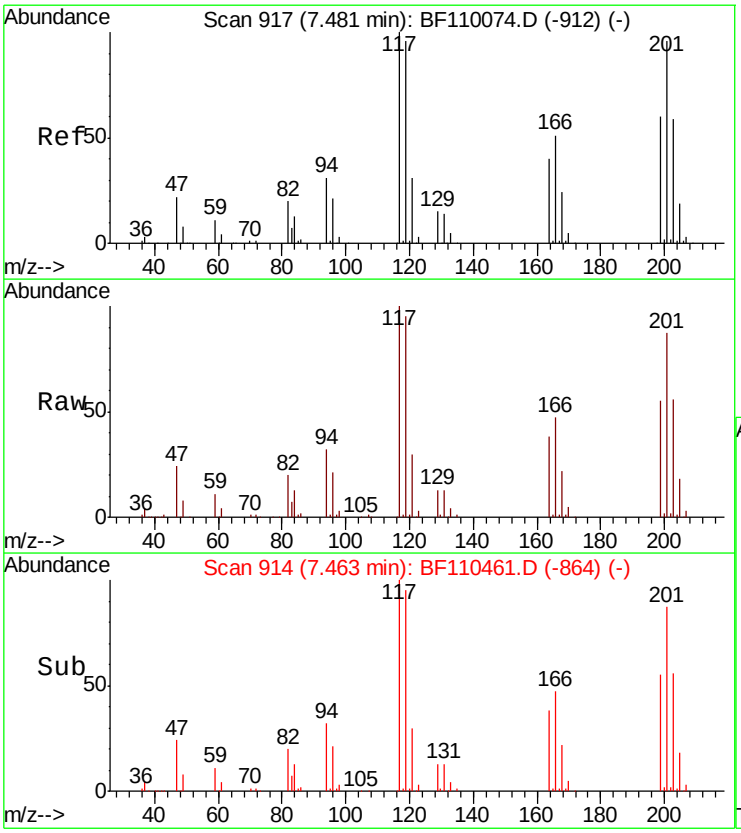

#17
2-Methylphenol
Concen: 48.879 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:107 Resp: 273940

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.3 | 92.6 | 138.8 |
| 77 | 50.7 | 59.4 | 89.2# |
| 79 | 48.8 | 54.0 | 81.0# |

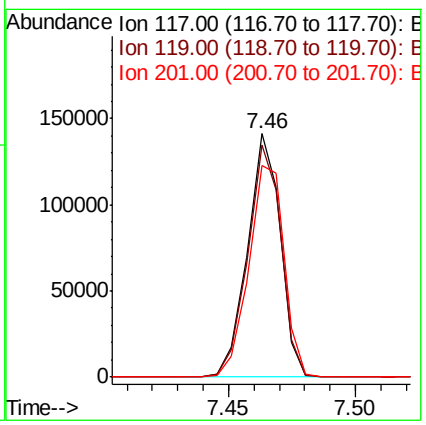


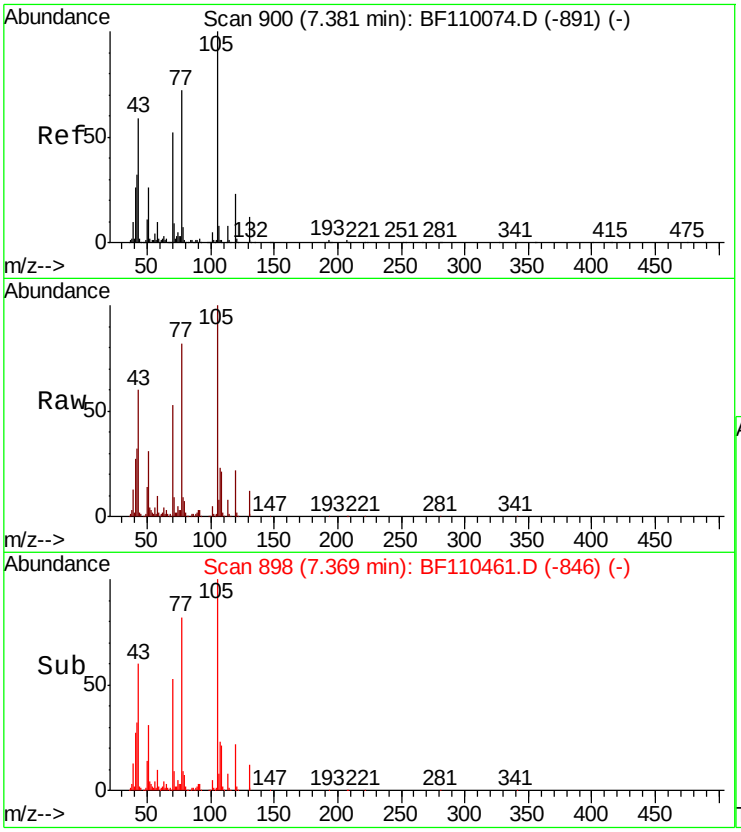




#18
Hexachloroethane
Concen: 44.501 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:117 Resp: 127521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.1 | 75.0 | 112.6 |
| 201 | 87.1 | 79.2 | 118.8 |



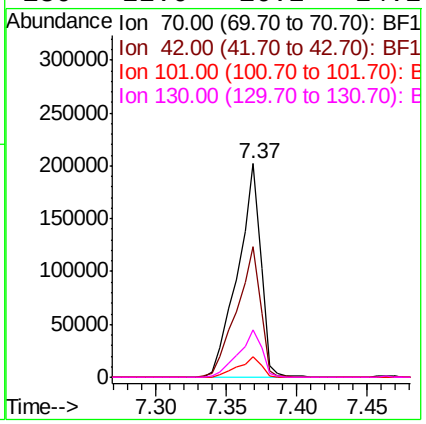


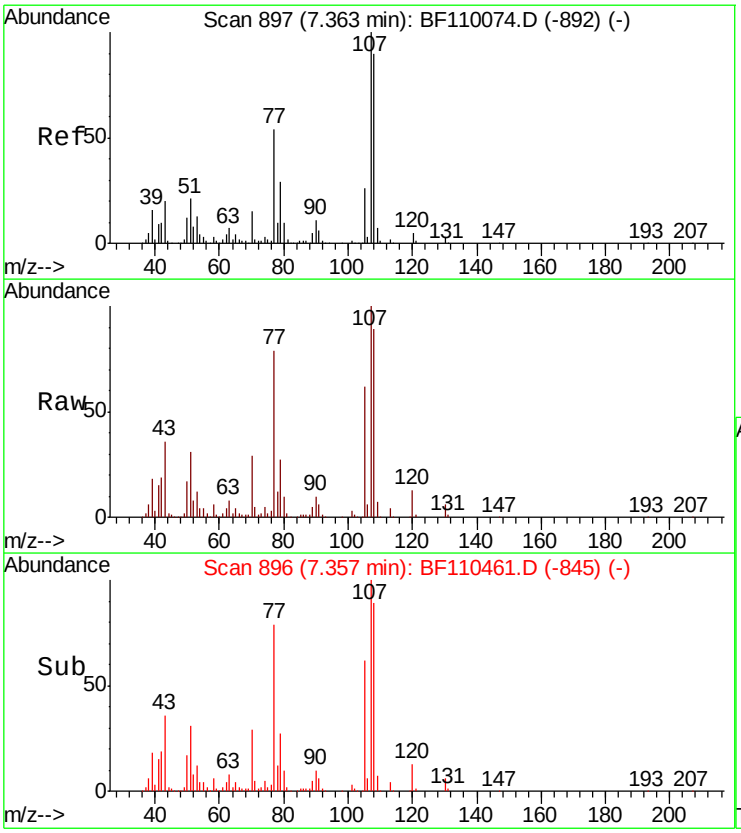

#19
n-Nitroso-di-n-propylamine
Concen: 45.988 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion: 70 Resp: 230181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 61.2 | 47.4 | 71.2 |
| 101 | 9.7 | 7.3 | 10.9 |
| 130 | 22.0 | 16.2 | 24.2 |

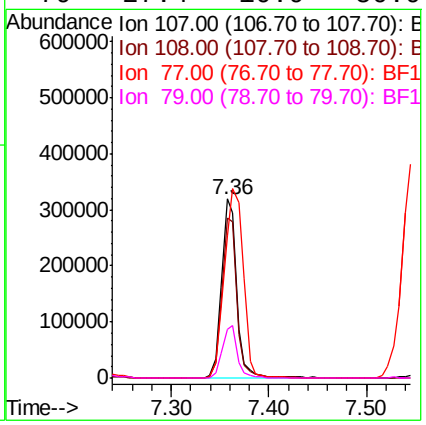


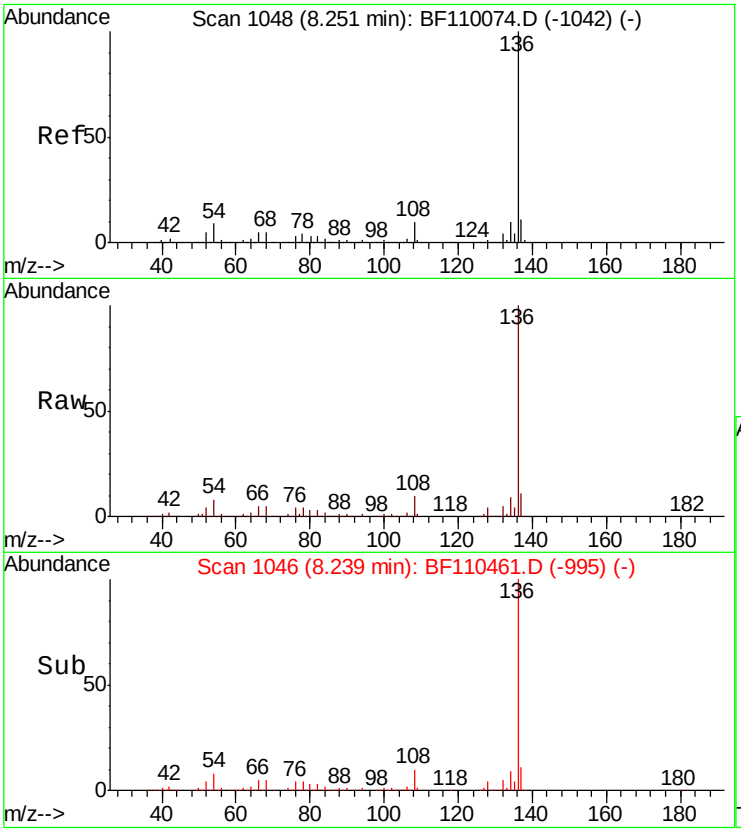




#20
3+4-Methylphenols
Concen: 46.836 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:107 Resp: 339300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.2 | 71.4 | 111.4 |
| 77 | 79.4 | 47.3 | 87.3 |
| 79 | 27.4 | 10.9 | 50.9 |



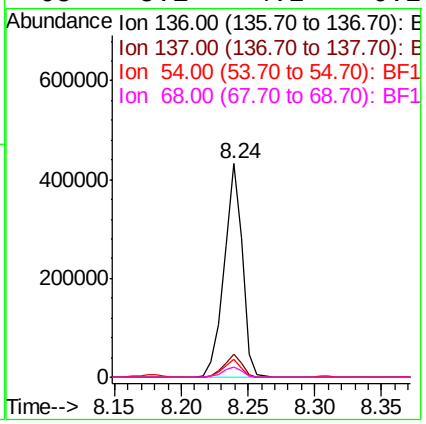


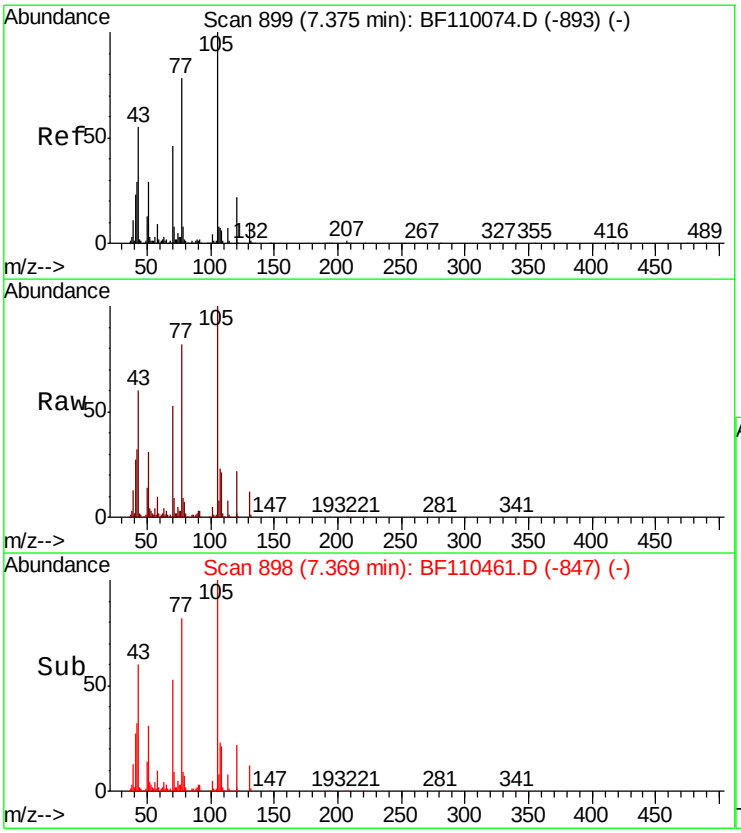

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:136 Resp: 416129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.8 | 13.2 |
| 54 | 8.1 | 5.4 | 8.2 |
| 68 | 5.1 | 4.2 | 6.2 |

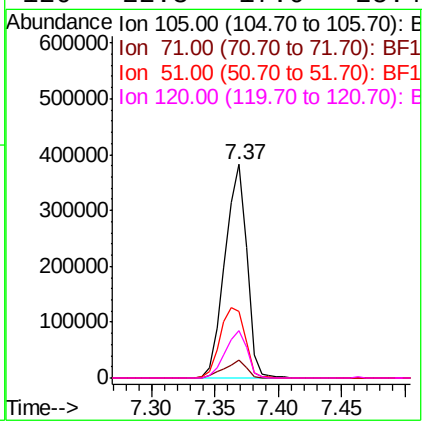


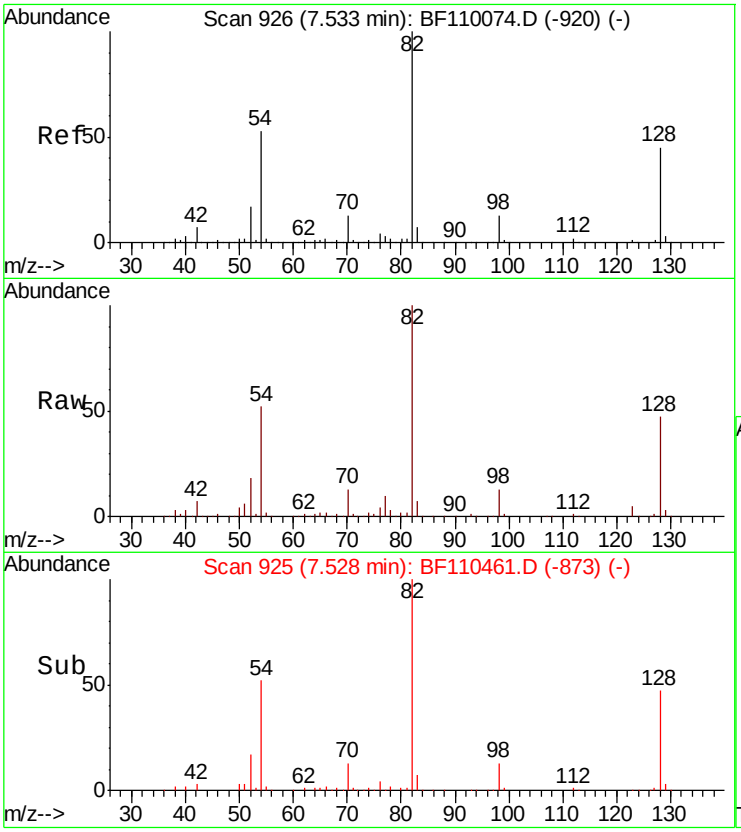




#22
Acetophenone
Concen: 47.805 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:105 Resp: 458377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.5 | 5.2 | 7.8# |
| 51 | 31.1 | 21.8 | 32.8 |
| 120 | 22.3 | 17.0 | 25.4 |



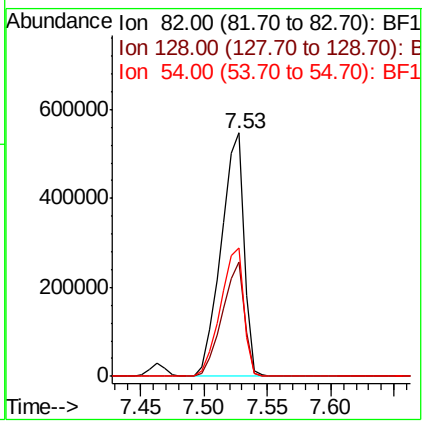


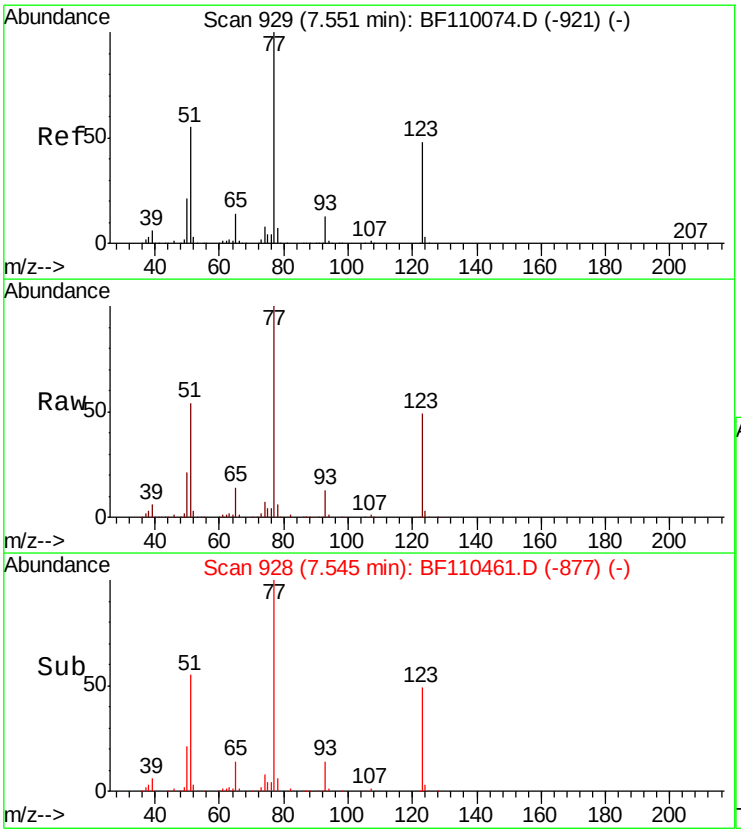

#23
Nitrobenzene-d5
Concen: 97.714 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion: 82 Resp: 685544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.9 | 34.2 | 51.2 |
| 54 | 52.5 | 38.6 | 58.0 |

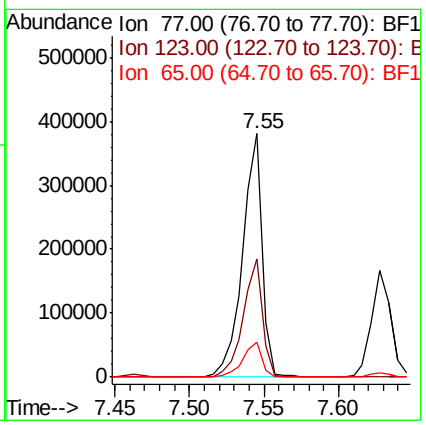


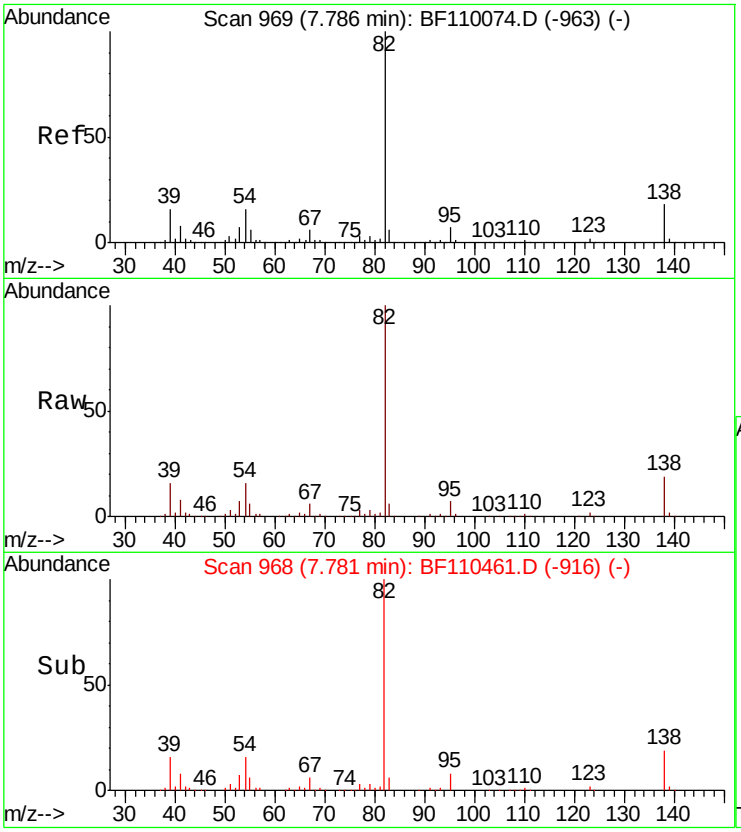




#24
Nitrobenzene
Concen: 47.577 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion: 77 Resp: 344613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.7 | 35.7 | 53.5 |
| 65 | 14.1 | 10.7 | 16.1 |



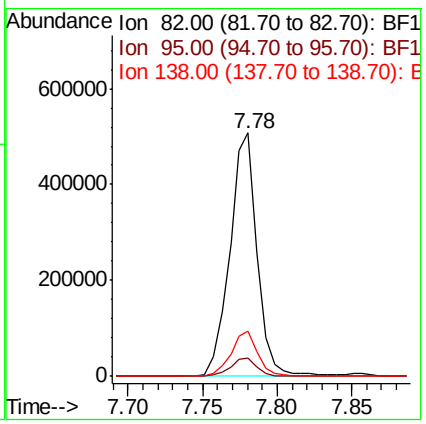


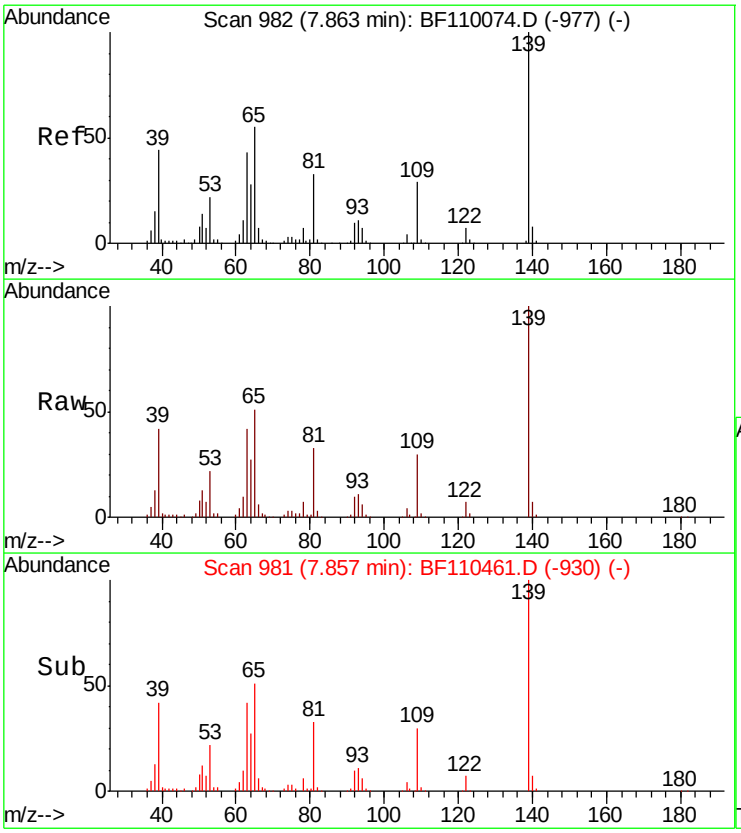

#25
Isophorone
Concen: 54.265 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion: 82 Resp: 648970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.7 | 8.5 |
| 138 | 18.5 | 13.2 | 19.8 |

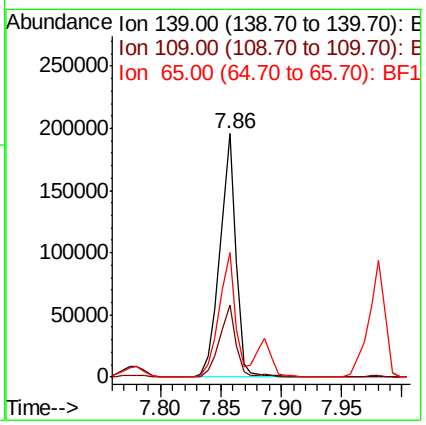


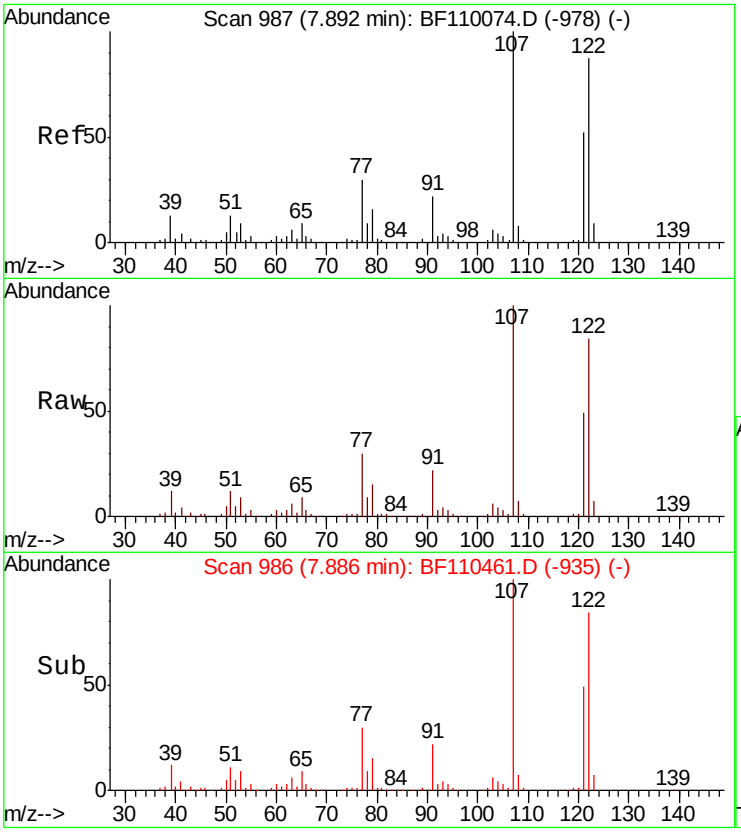




#26
2-Nitrophenol
Concen: 51.812 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:139 Resp: 178589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.6 | 25.0 | 37.6 |
| 65 | 51.3 | 44.0 | 66.0 |



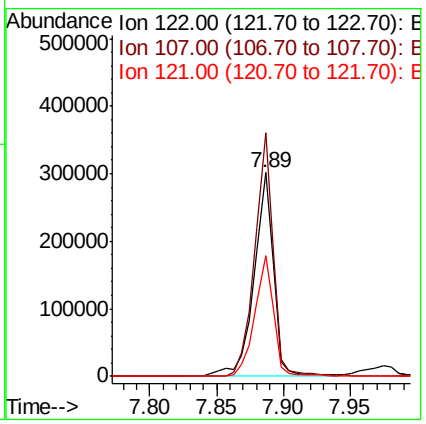


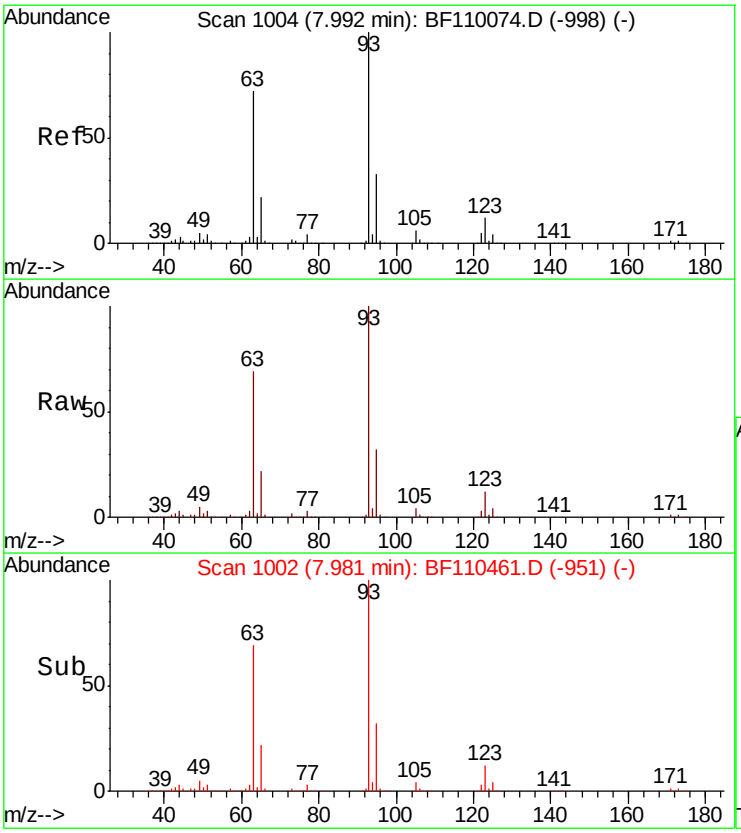

#27
2,4-Dimethylphenol
Concen: 52.516 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:122 Resp: 300112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 119.6 | 92.5 | 138.7 |
| 121 | 59.1 | 45.8 | 68.8 |

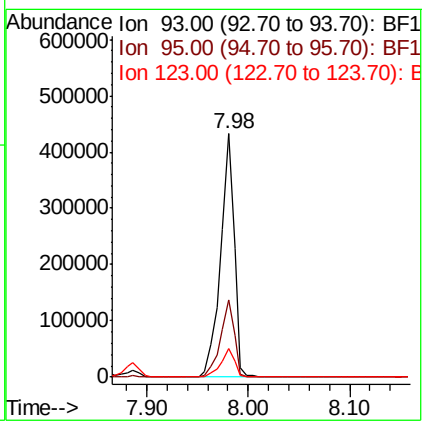


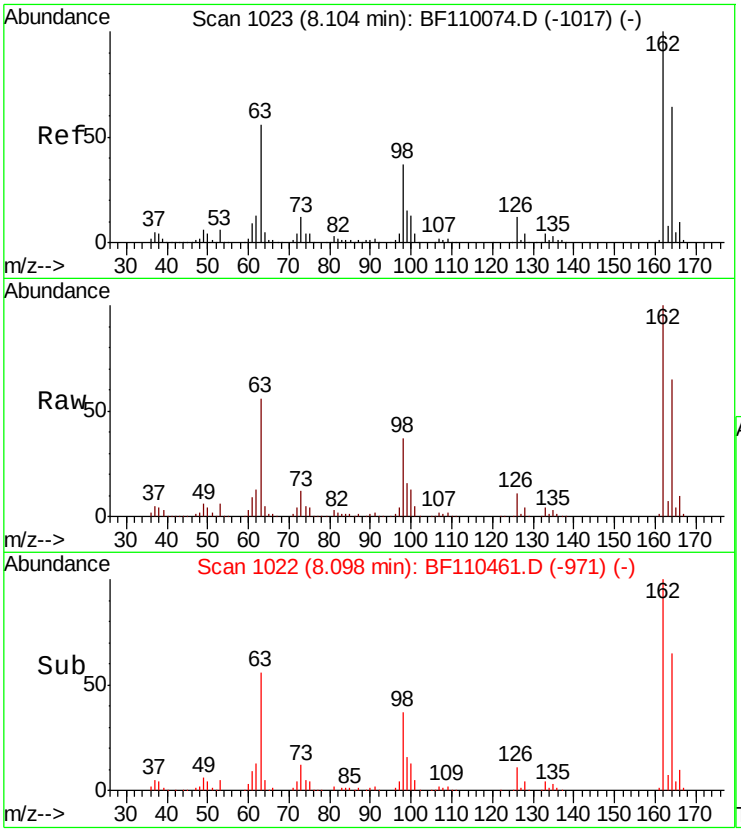




#28
bis(2-Chloroethoxy)methane
Concen: 49.799 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion: 93 Resp: 404582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.8 | 26.4 | 39.6 |
| 123 | 11.6 | 9.0 | 13.6 |



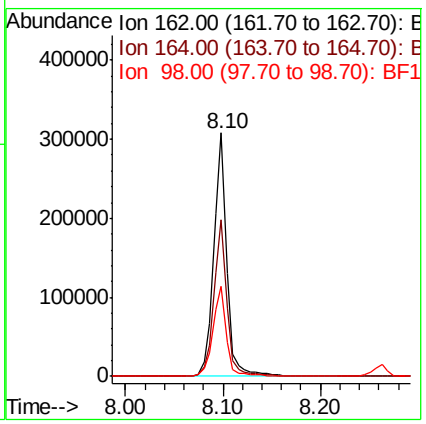


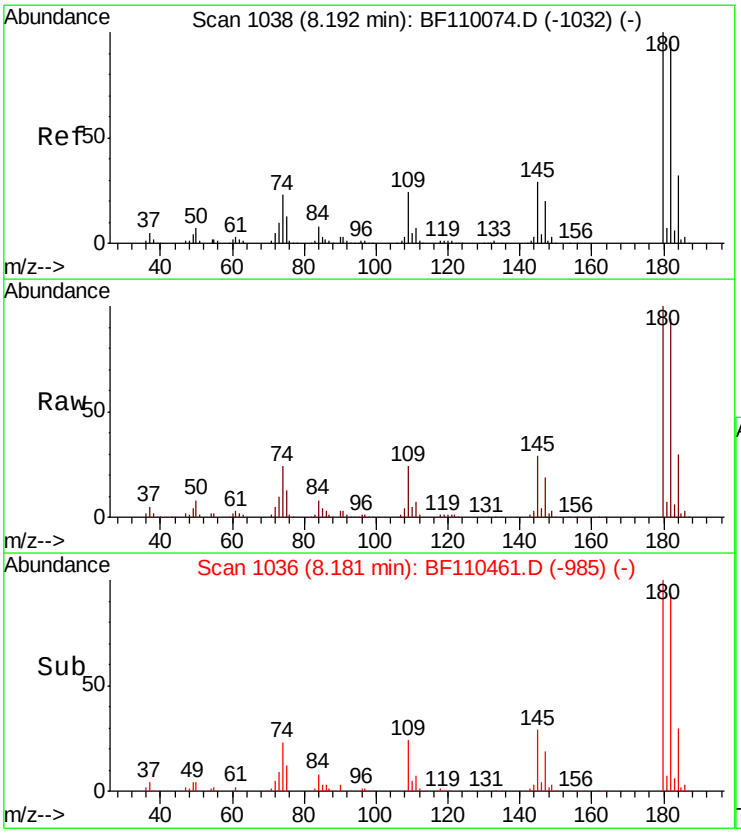

#29
2,4-Dichlorophenol
Concen: 49.569 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:162 Resp: 286183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.5 | 44.6 | 84.6 |
| 98 | 37.0 | 17.4 | 57.4 |

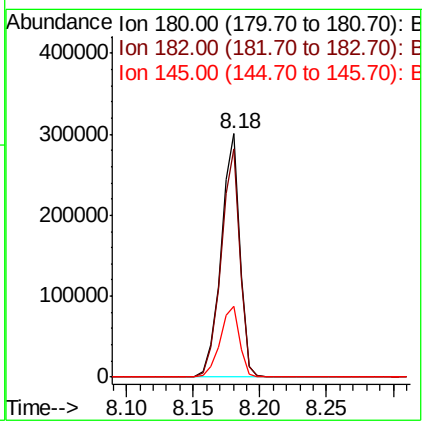


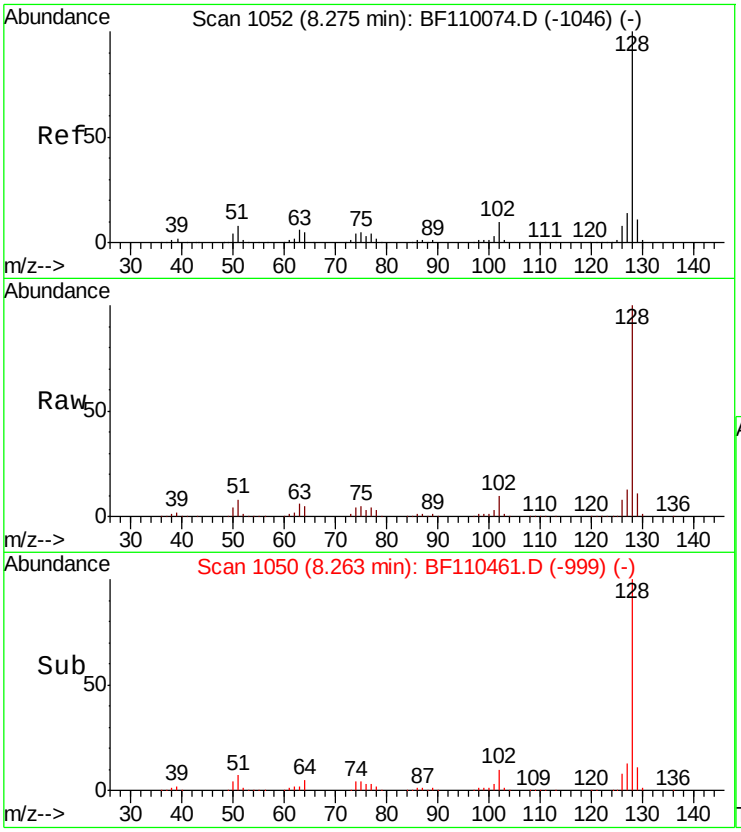




#30
1,2,4-Trichlorobenzene
Concen: 46.228 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:180 Resp: 298957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.7 | 80.3 | 120.5 |
| 145 | 29.2 | 25.4 | 38.0 |



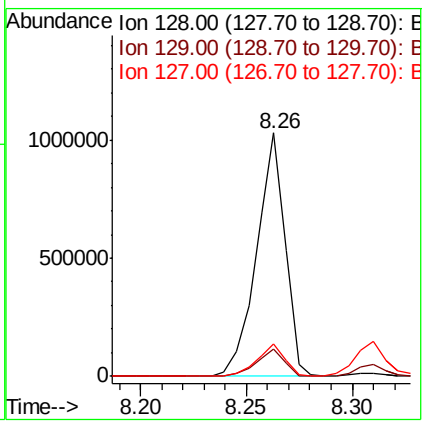


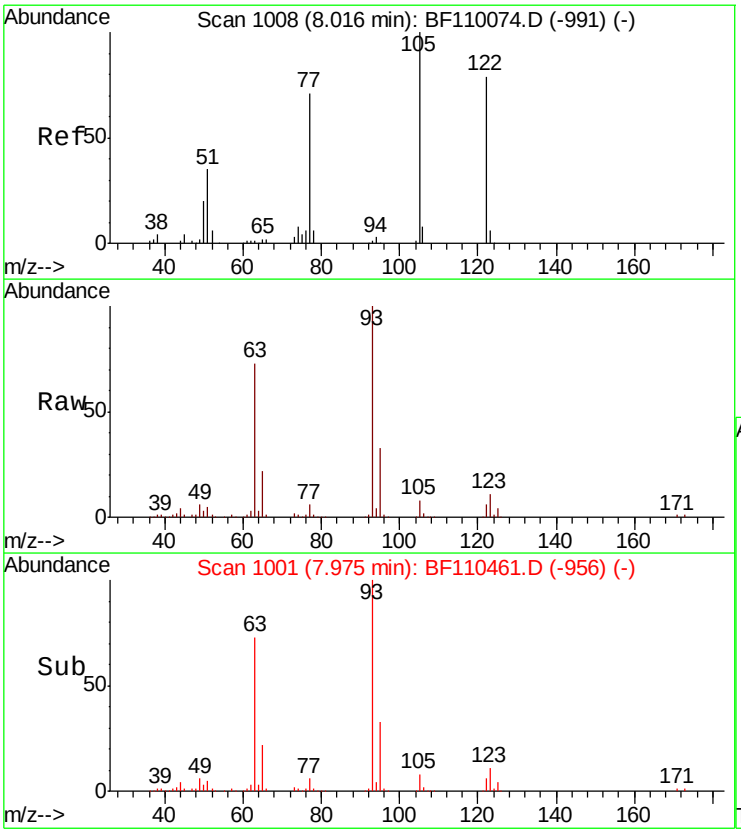

#31
Naphthalene
Concen: 50.431 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:128 Resp: 967204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 8.8 | 13.2 |
| 127 | 13.4 | 10.8 | 16.2 |

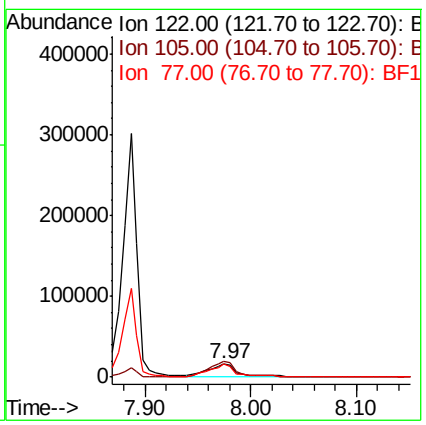


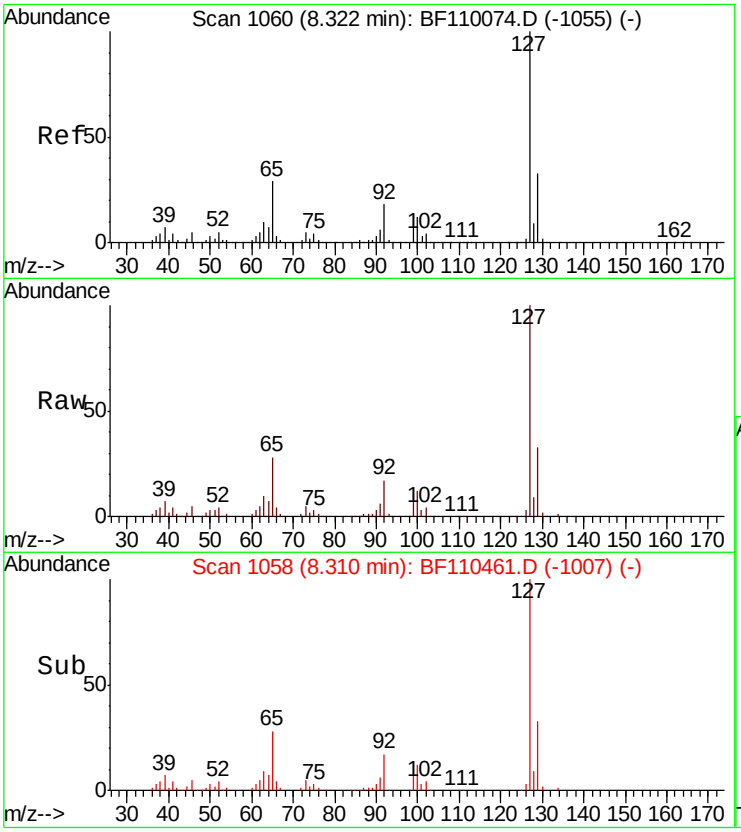




#32
Benzoic acid
Concen: 7.020 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:122 Resp: 31007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.4 | 109.0 | 149.0 |
| 77 | 93.9 | 79.0 | 119.0 |



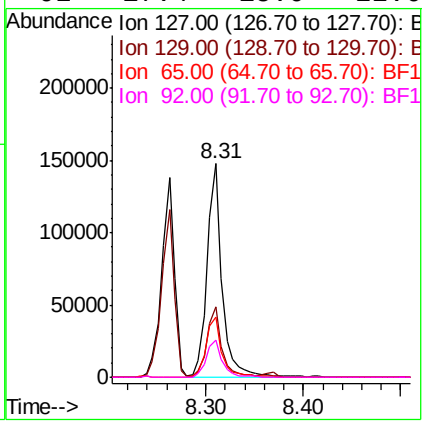


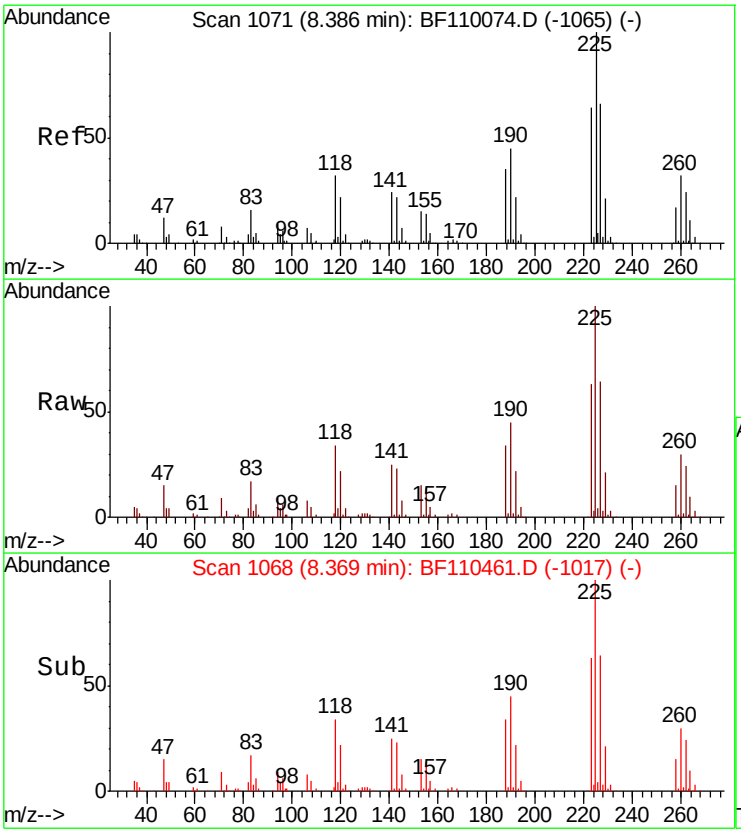

#33
4-Chloroaniline
Concen: 18.462 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:127 Resp: 159359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.1 | 26.0 | 39.0 |
| 65 | 28.1 | 25.1 | 37.7 |
| 92 | 17.4 | 15.0 | 22.6 |

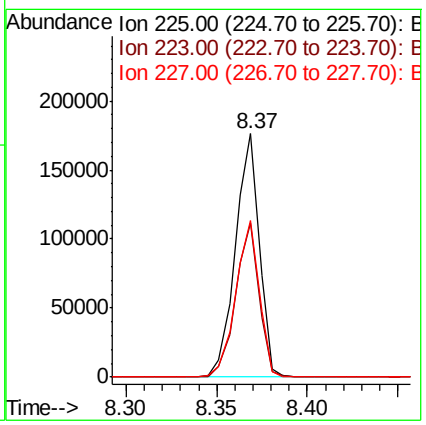


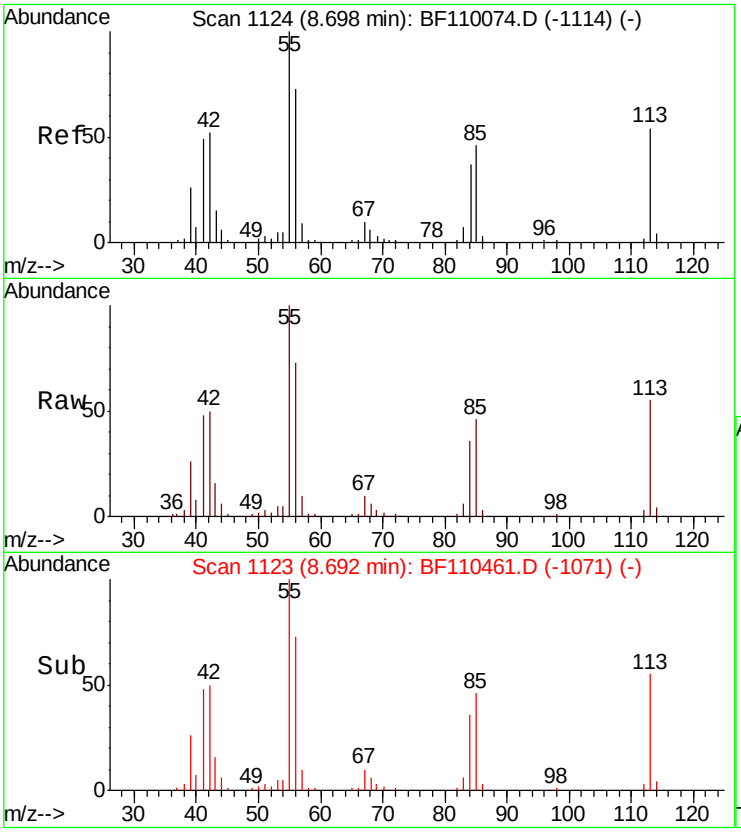




#34
Hexachlorobutadiene
Concen: 44.995 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:225 Resp: 161565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.4 | 51.4 | 77.2 |
| 227 | 64.1 | 51.0 | 76.6 |



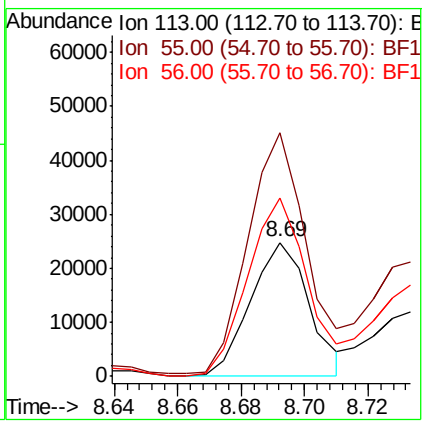


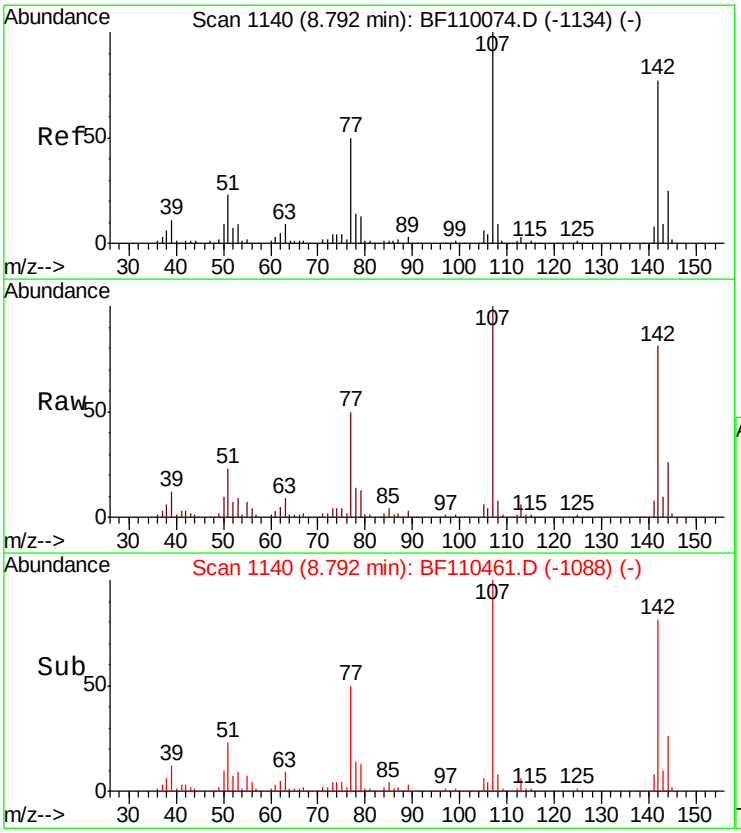

#35
Caprolactam
Concen: 15.842 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:113 Resp: 31878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 182.0 | 142.8 | 182.8 |
| 56 | 132.9 | 105.0 | 145.0 |

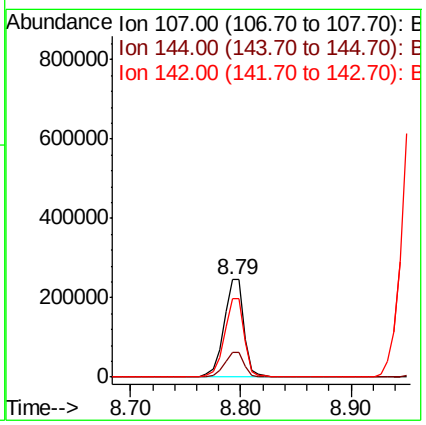


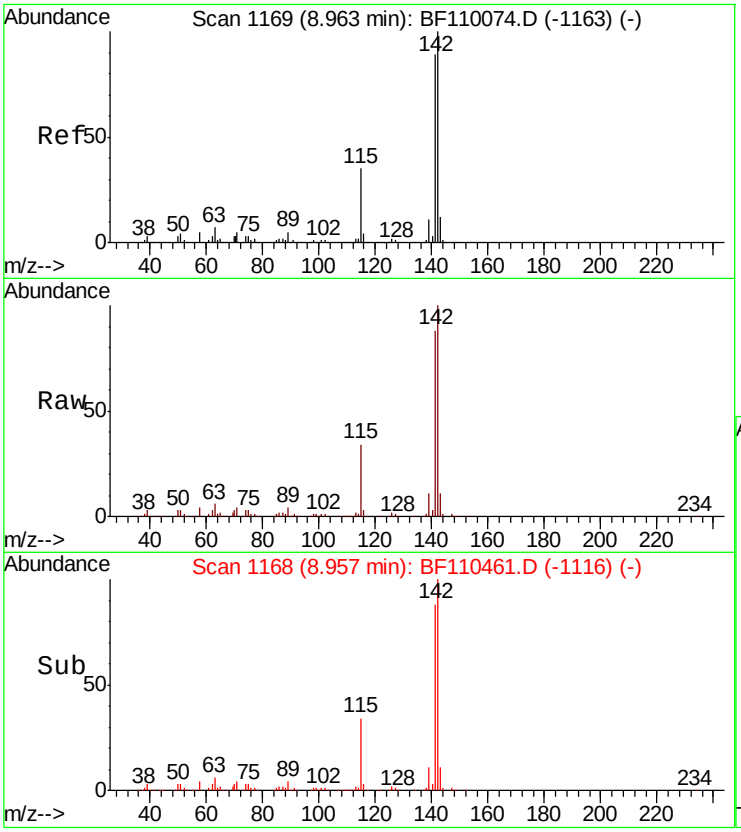




#36
4-Chloro-3-methylphenol
Concen: 50.197 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:107 Resp: 313388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.0 | 20.0 | 30.0 |
| 142 | 80.7 | 59.7 | 89.5 |



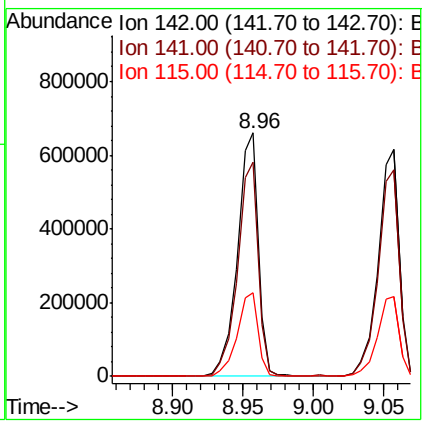


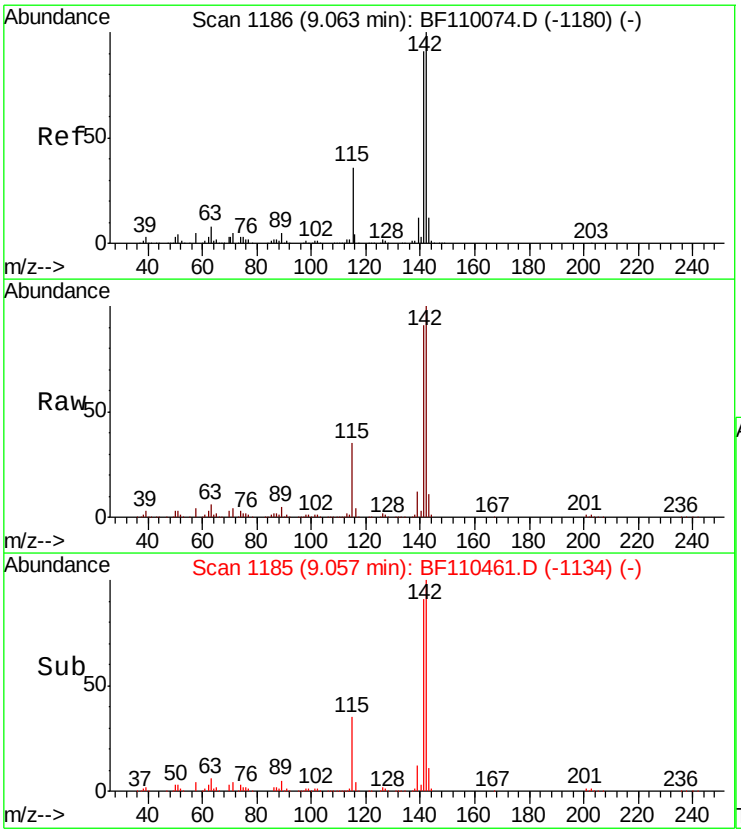

#37
2-Methylnaphthalene
Concen: 53.387 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:142 Resp: 677451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.7 | 71.4 | 107.2 |
| 115 | 34.2 | 28.7 | 43.1 |

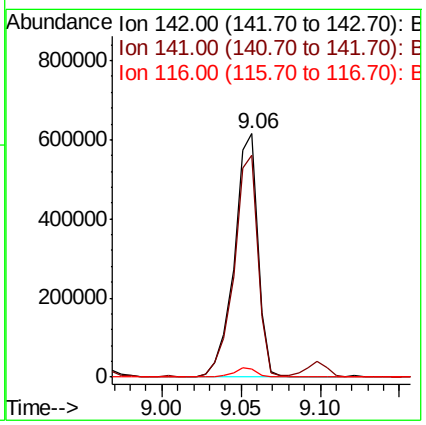


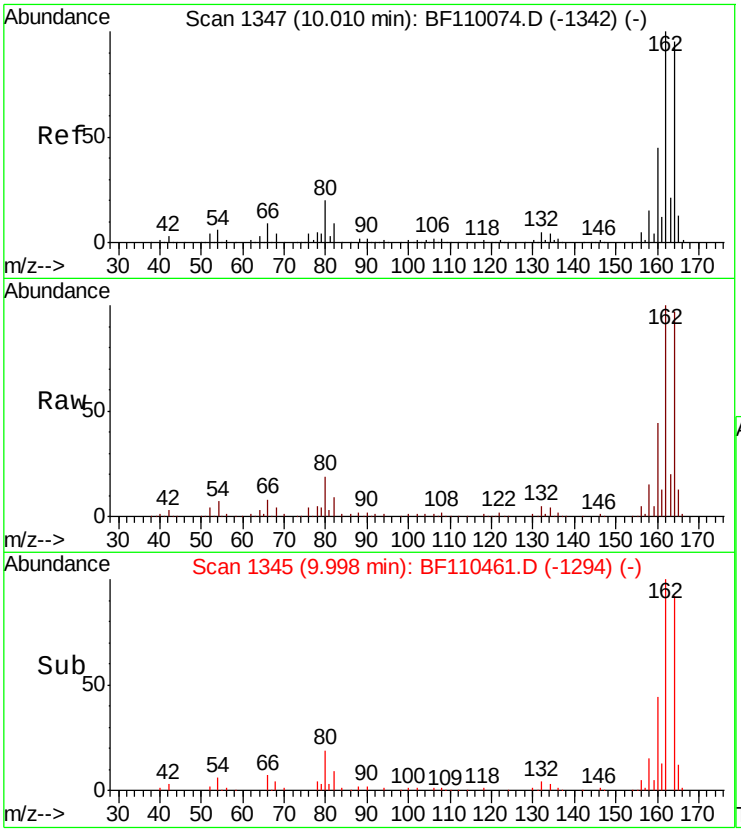




#38
1-Methylnaphthalene
Concen: 51.794 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:142 Resp: 635124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.2 | 74.2 | 111.4 |
| 116 | 3.5 | 2.6 | 4.0 |



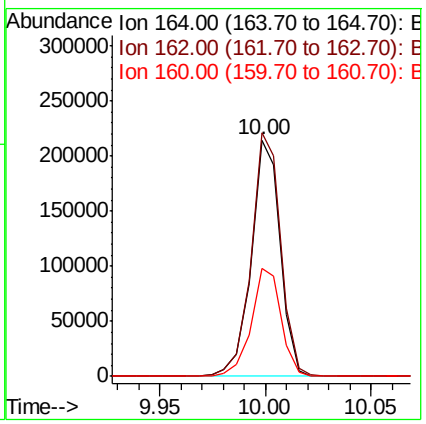


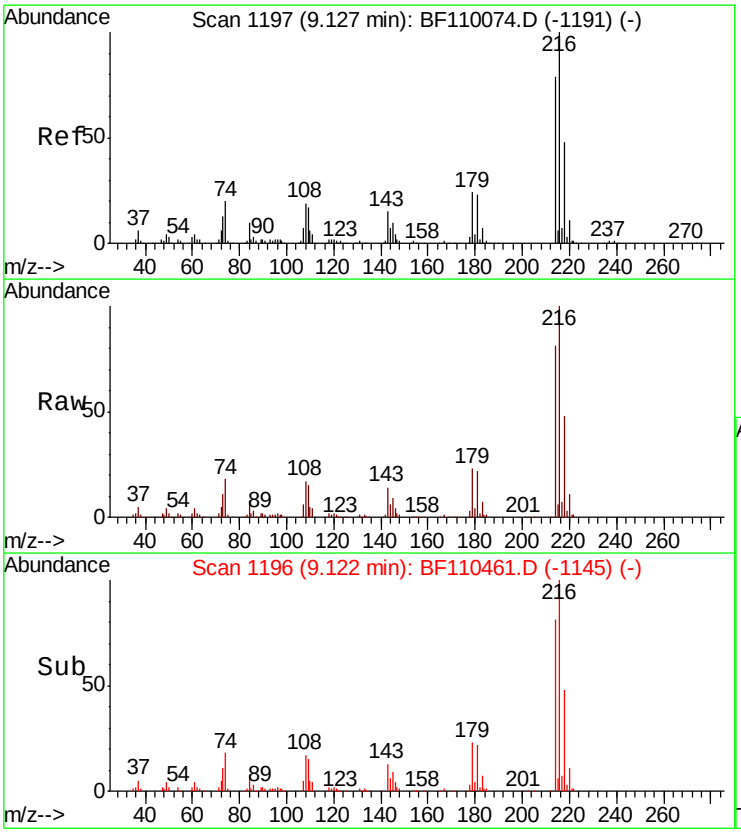

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:164 Resp: 204716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.1 | 83.0 | 124.6 |
| 160 | 45.7 | 37.0 | 55.6 |

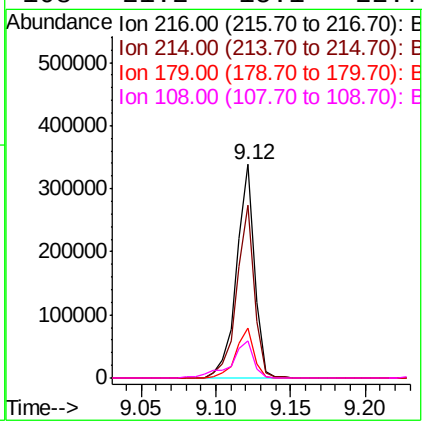


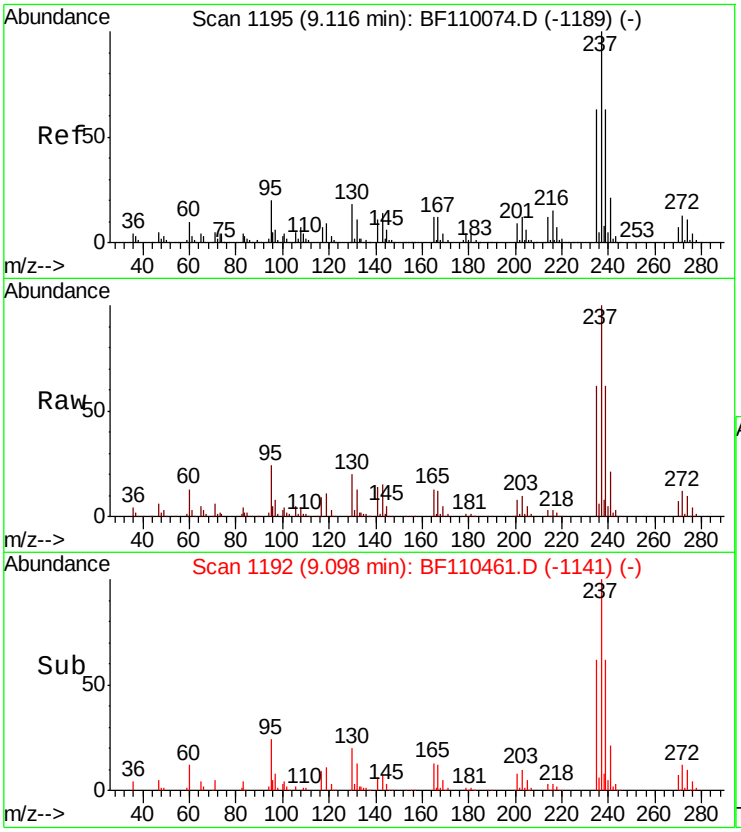




#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.859 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:216 Resp: 286133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.3 | 63.8 | 95.6 |
| 179 | 23.1 | 16.6 | 25.0 |
| 108 | 21.2 | 15.1 | 22.7 |



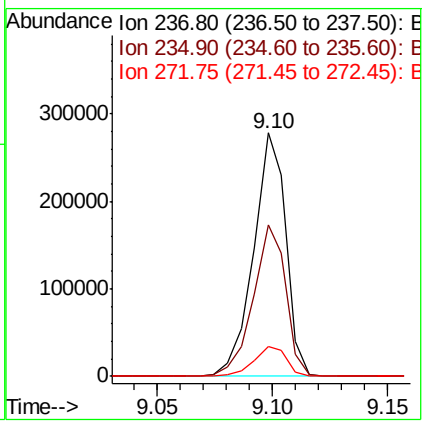


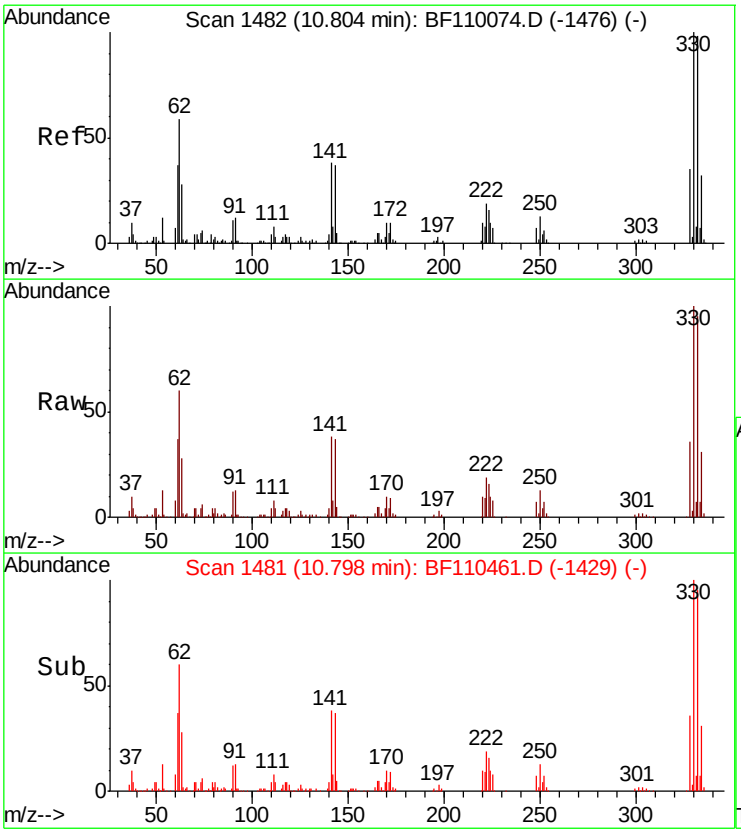

#41
Hexachlorocyclopentadiene
Concen: 83.193 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:237 Resp: 271340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.4 | 43.1 | 83.1 |
| 272 | 12.3 | 0.0 | 32.6 |

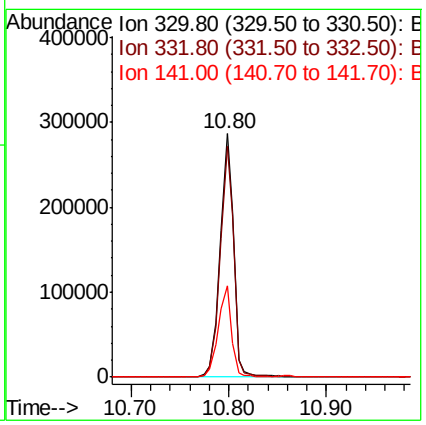


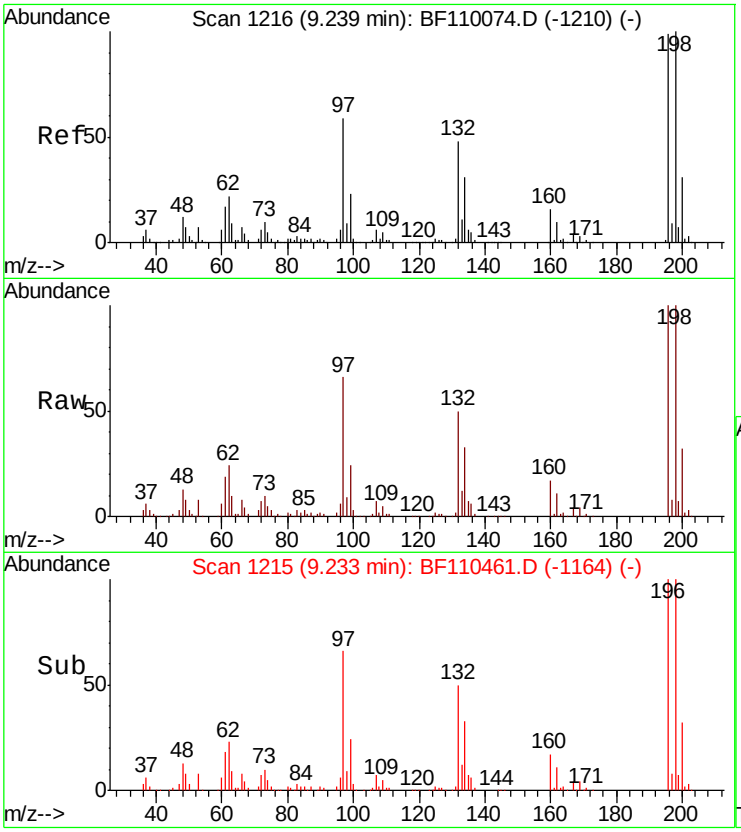




#42
2,4,6-Tribromophenol
Concen: 135.819 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:330 Resp: 275420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.3 | 77.1 | 115.7 |
| 141 | 36.9 | 27.0 | 40.4 |



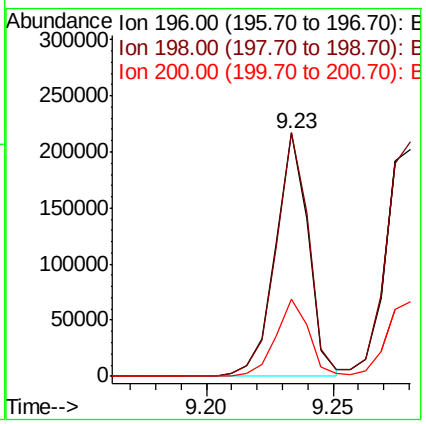


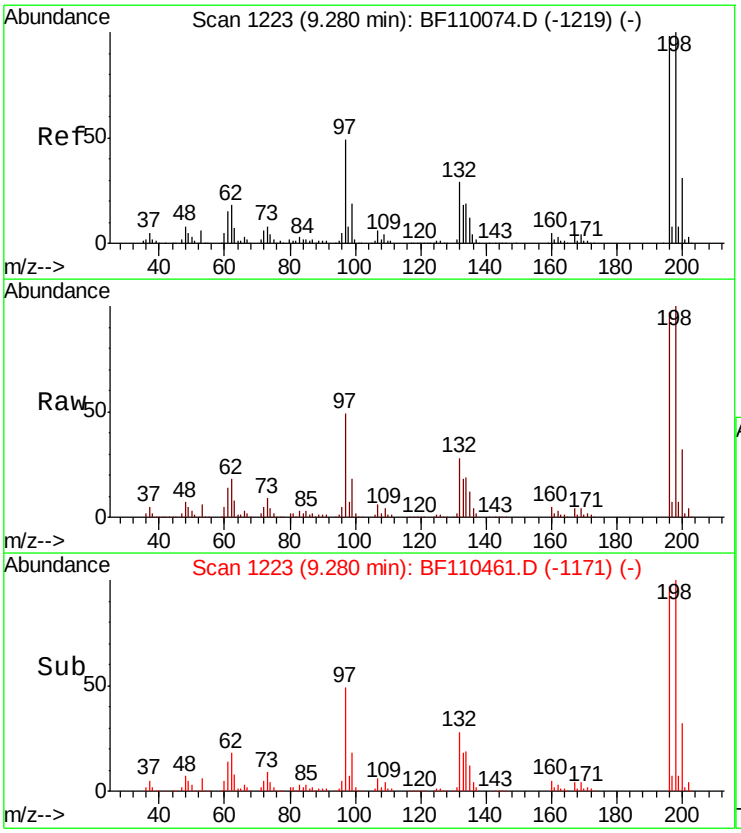

#43
2,4,6-Trichlorophenol
Concen: 47.257 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:196 Resp: 194418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.1 | 76.2 | 114.4 |
| 200 | 32.0 | 24.4 | 36.6 |

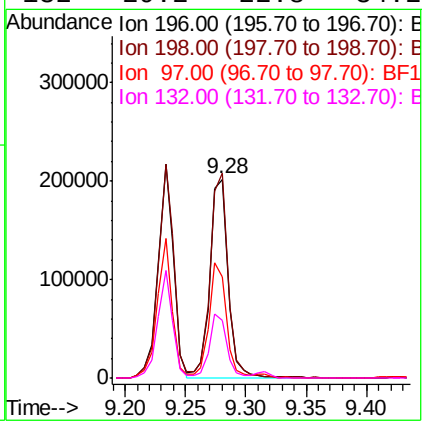


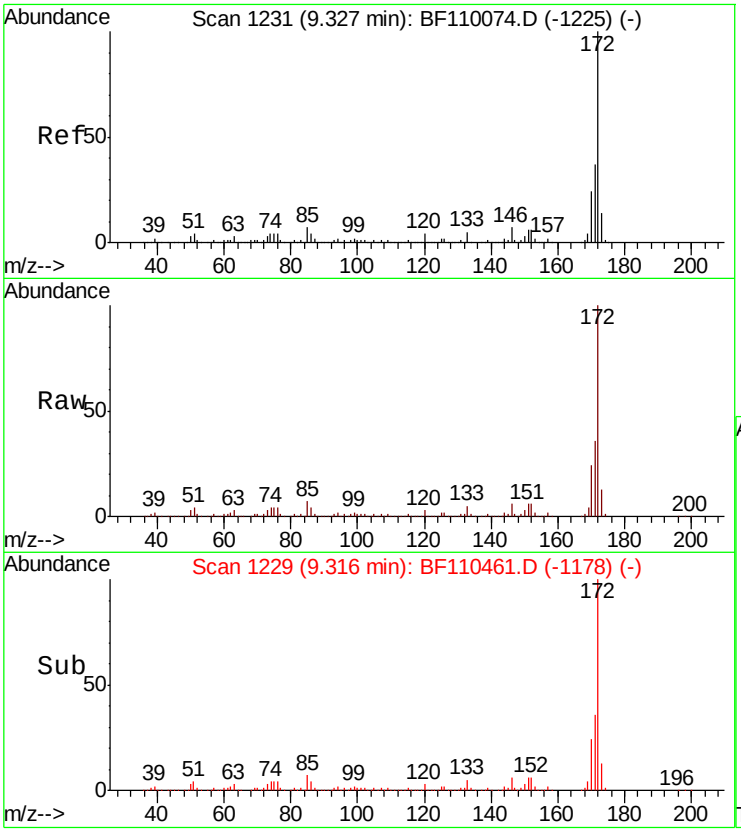




#44
2,4,5-Trichlorophenol
Concen: 47.896 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:196 Resp: 208285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 103.5 | 75.8 | 113.6 |
| 97 | 50.8 | 42.4 | 63.6 |
| 132 | 29.2 | 22.8 | 34.2 |



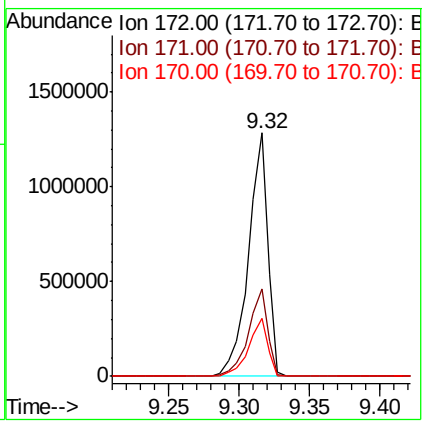


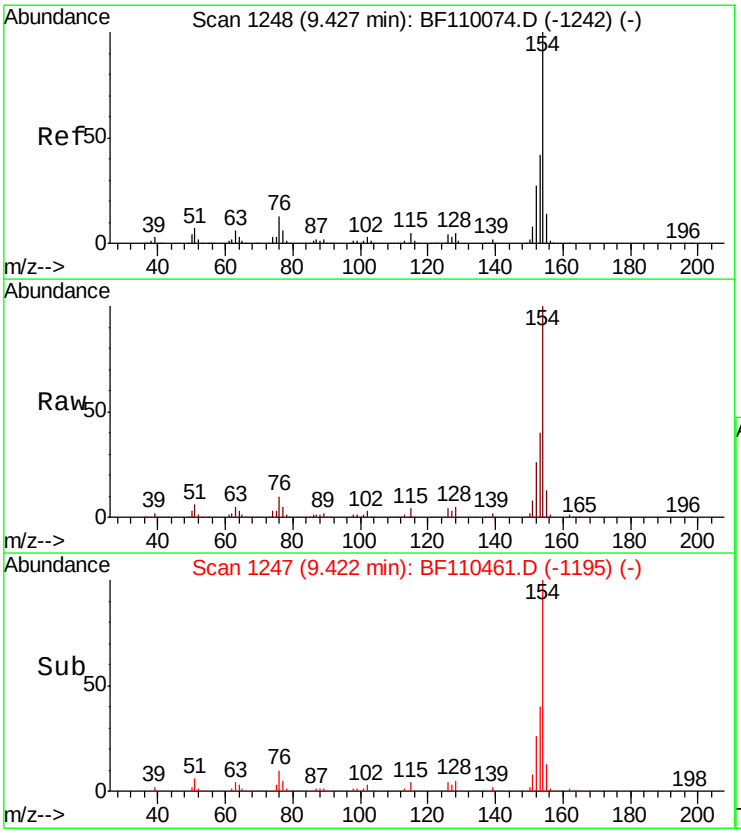

#45
2-Fluorobiphenyl
Concen: 94.776 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:172 Resp: 1235598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 28.6 | 43.0 |
| 170 | 23.8 | 19.7 | 29.5 |

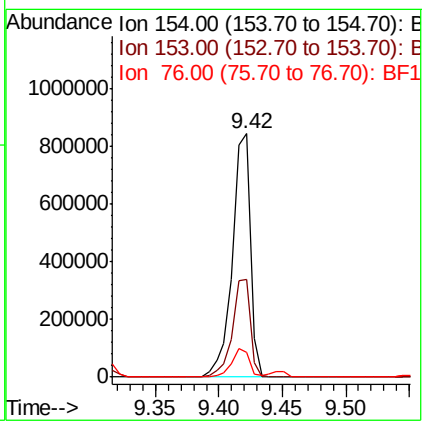


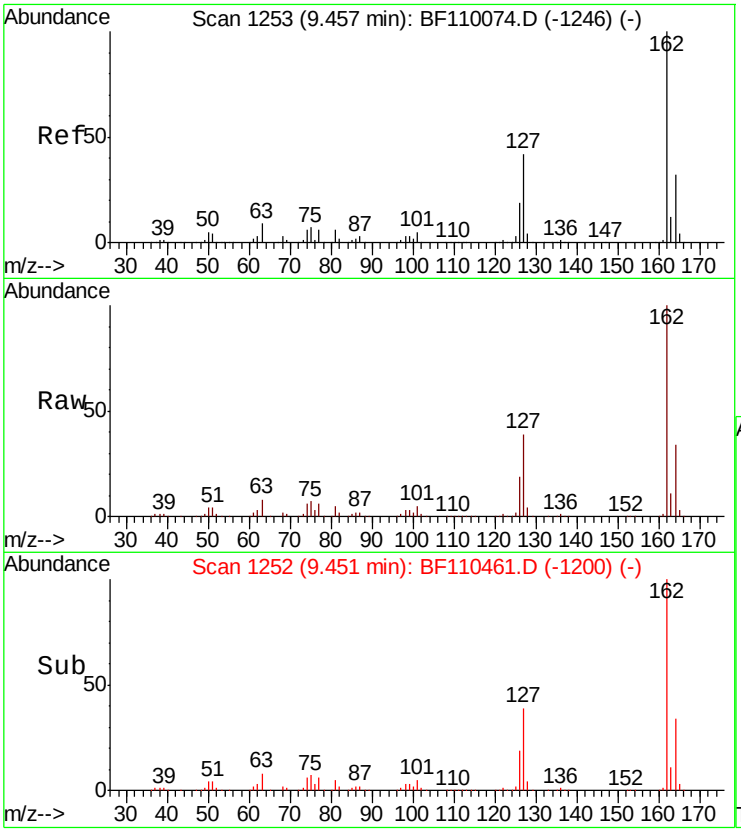




#46
1,1'-Biphenyl
Concen: 44.409 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:154 Resp: 822115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 20.4 | 60.4 |
| 76 | 10.3 | 0.0 | 31.9 |



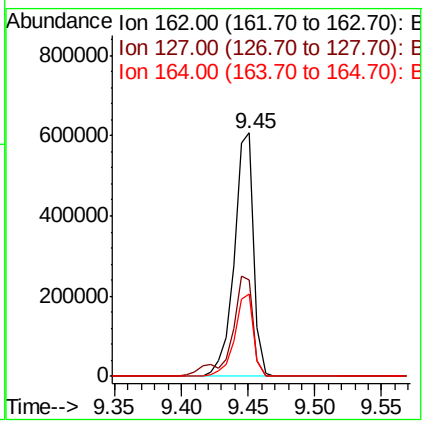


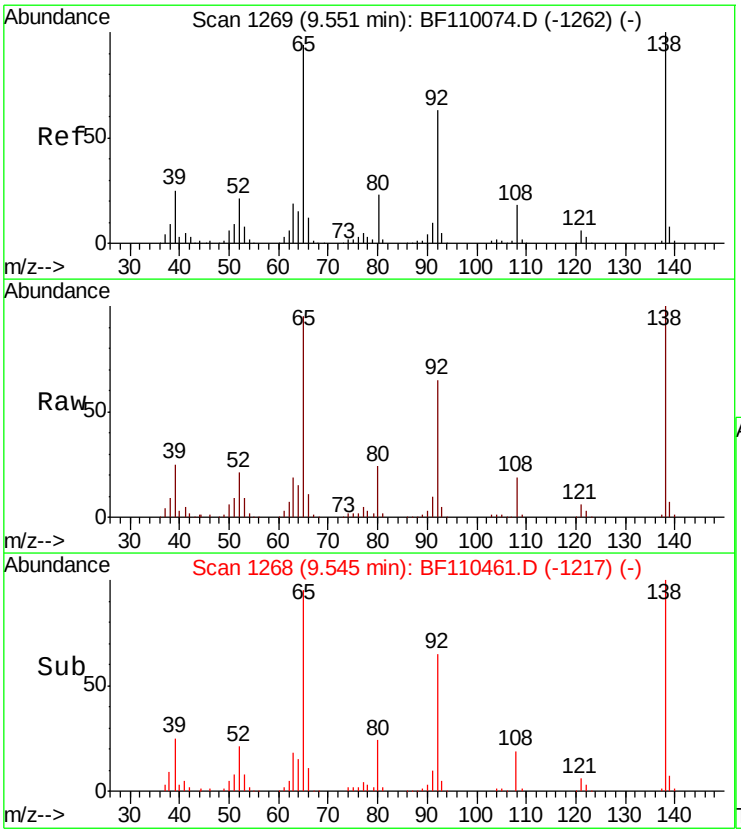

#47
2-Chloronaphthalene
Concen: 45.433 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:162 Resp: 616958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.4 | 32.6 | 48.8 |
| 164 | 33.6 | 25.9 | 38.9 |

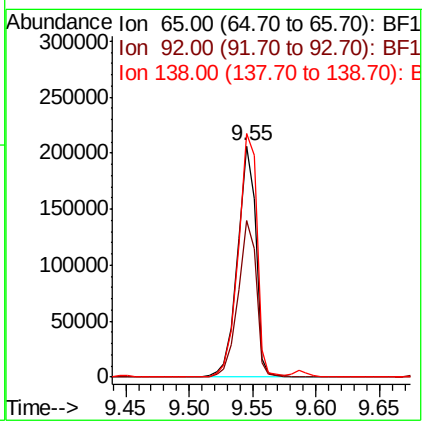


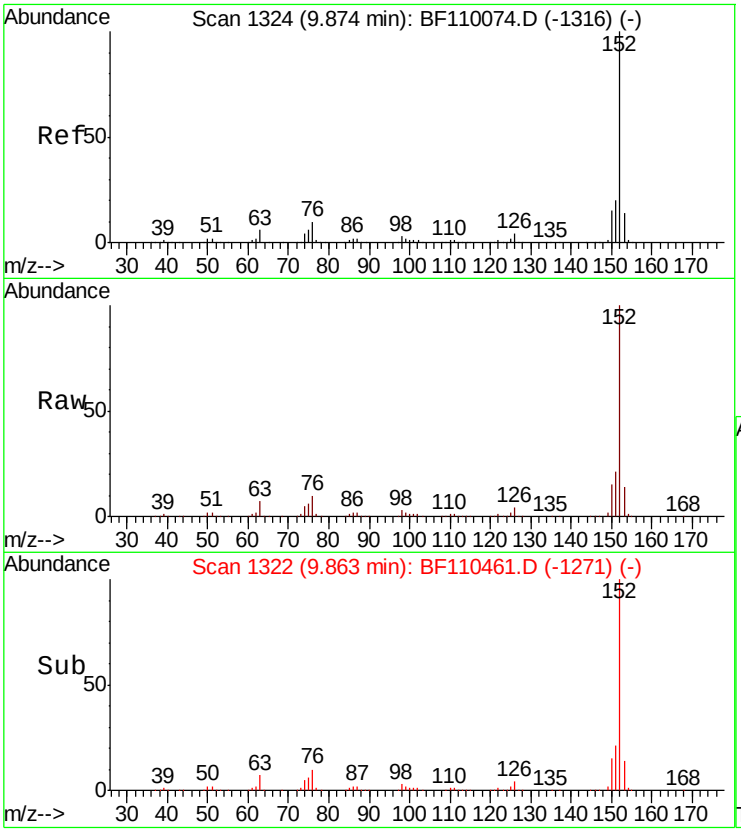




#48
2-Nitroaniline
Concen: 49.450 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion: 65 Resp: 203486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.0 | 54.6 | 81.8 |
| 138 | 105.2 | 80.3 | 120.5 |



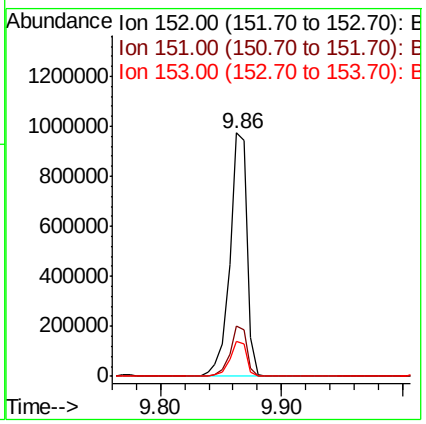


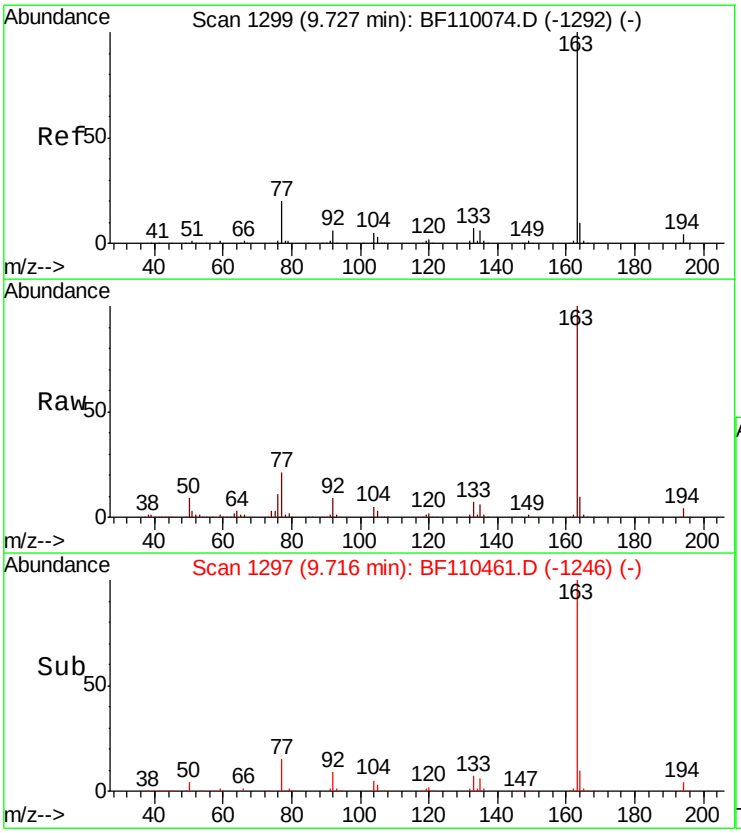

#49
Acenaphthylene
Concen: 49.194 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:152 Resp: 964864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 15.8 | 23.8 |
| 153 | 14.1 | 10.4 | 15.6 |

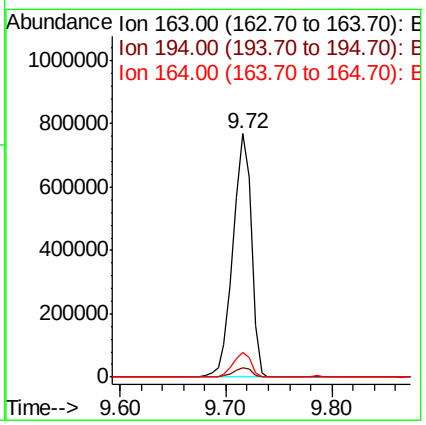


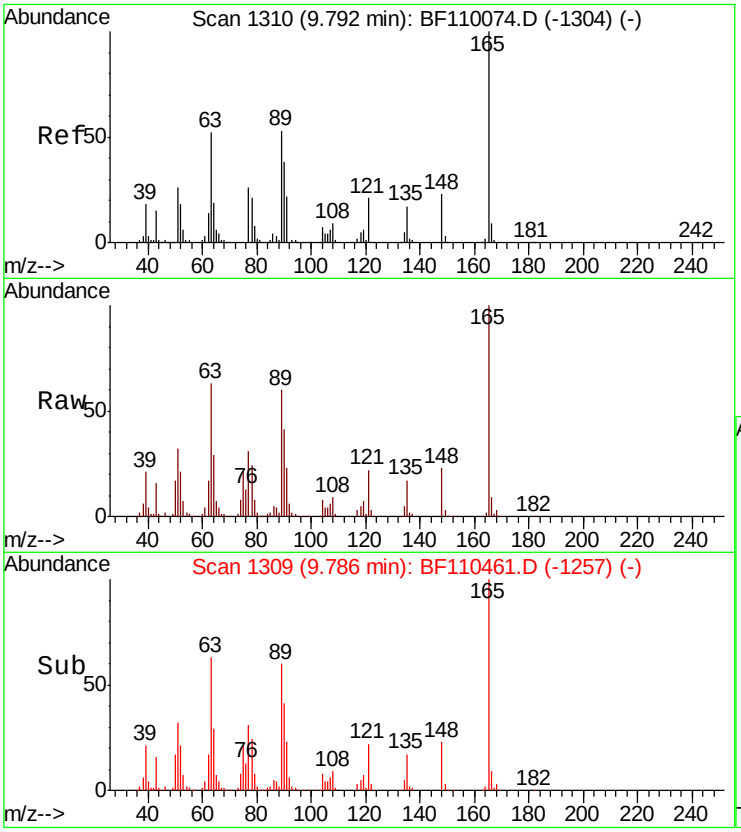




#50
Dimethylphthalate
Concen: 60.514 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:163 Resp: 914469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.7 | 3.2 | 4.8 |
| 164 | 10.1 | 8.1 | 12.1 |



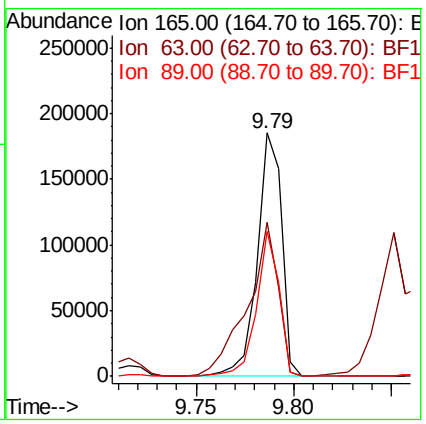


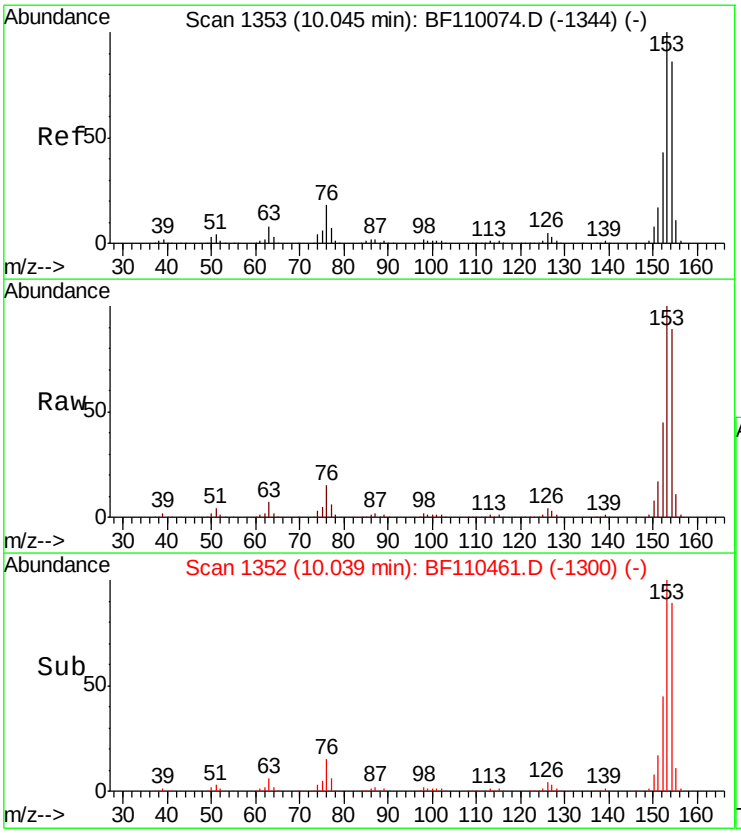

#51
2,6-Dinitrotoluene
Concen: 49.353 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:165 Resp: 160648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 63.3 | 48.9 | 73.3 |
| 89 | 59.5 | 46.6 | 69.8 |

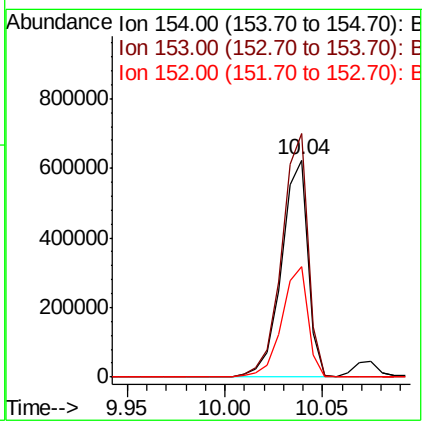


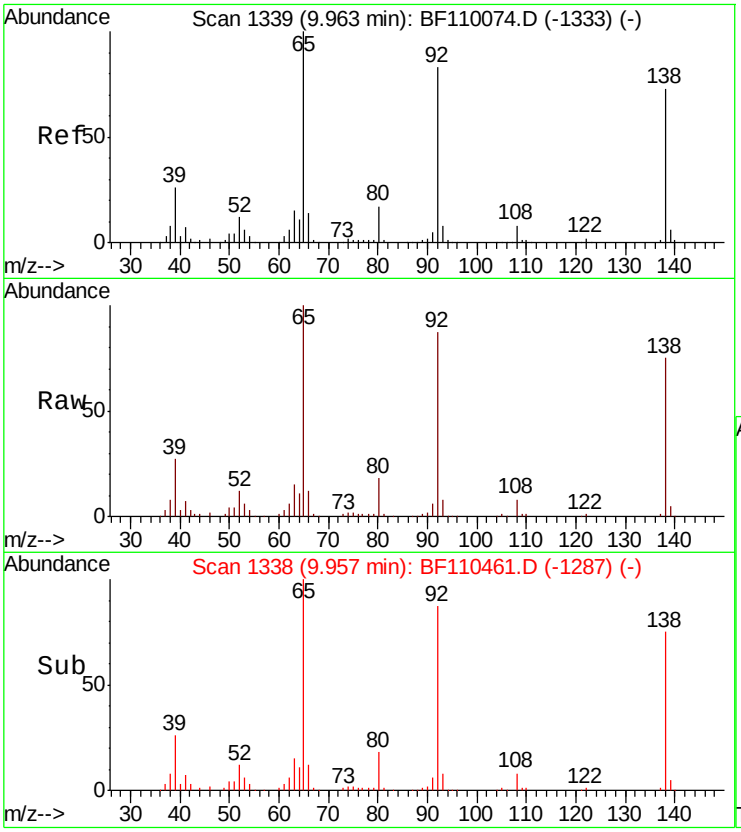




#52
Acenaphthene
Concen: 45.221 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:154 Resp: 586754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.2 | 90.1 | 135.1 |
| 152 | 50.9 | 43.4 | 65.2 |



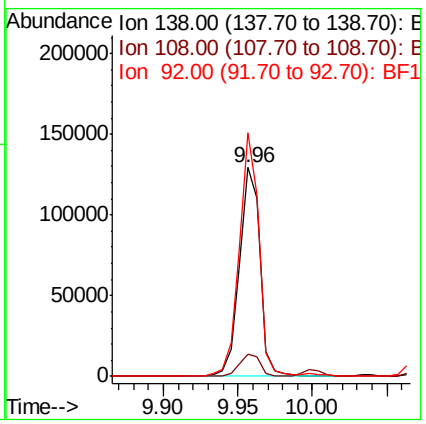


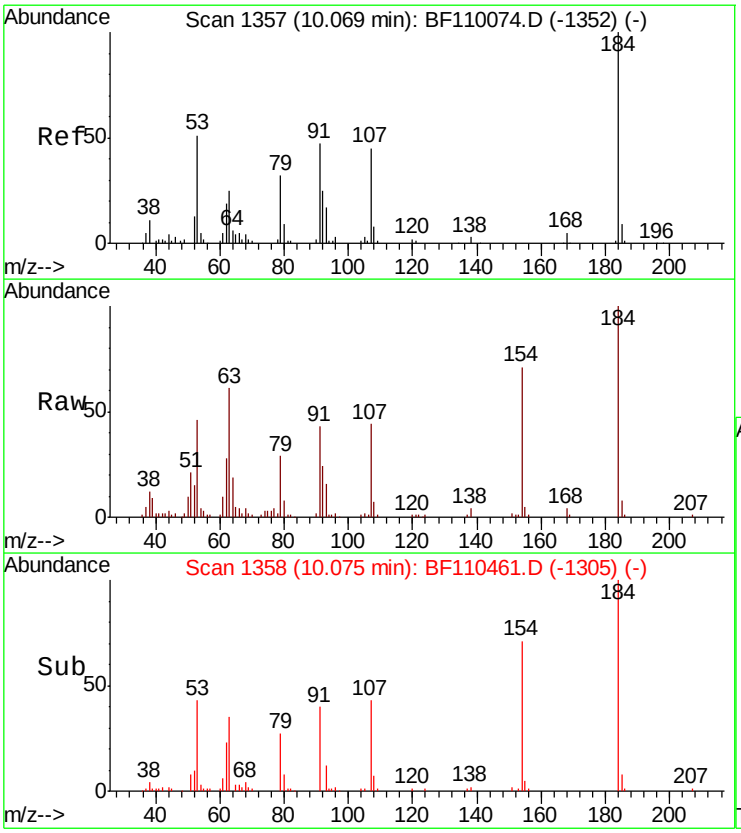

#53
3-Nitroaniline
Concen: 31.909 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:138 Resp: 123519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.4 | 8.7 | 13.1 |
| 92 | 116.5 | 97.0 | 145.4 |

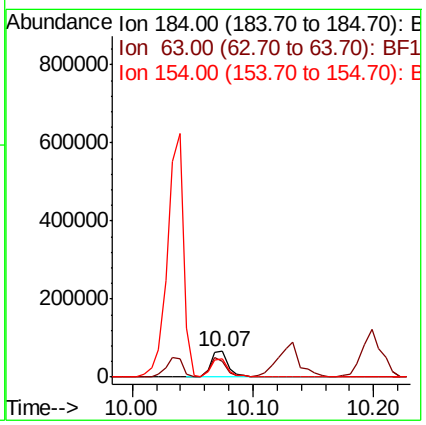


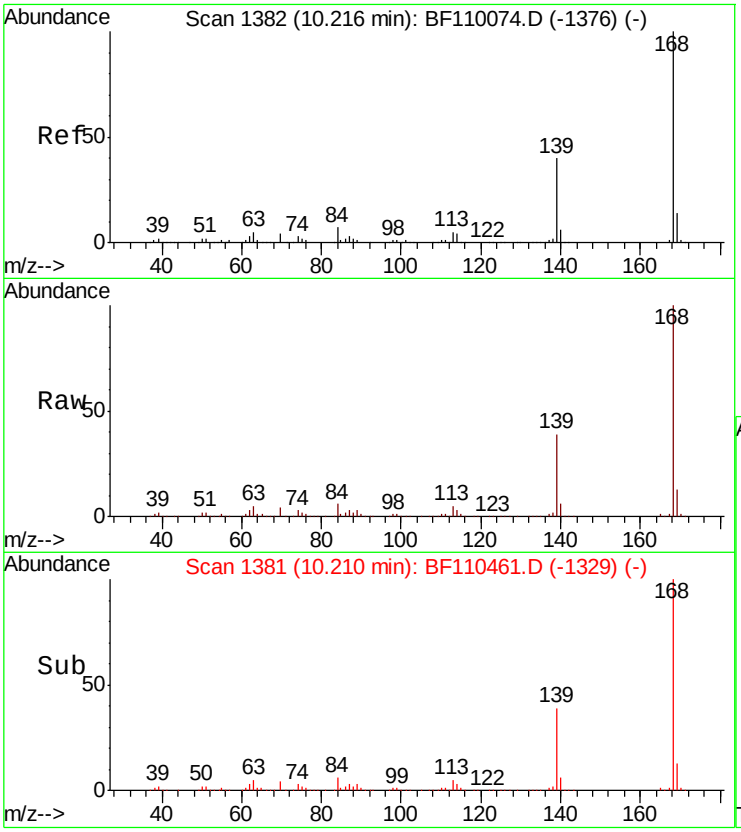




#54
2,4-Dinitrophenol
Concen: 55.162 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:184 Resp: 69043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 60.7 | 55.8 | 83.6 |
| 154 | 70.8 | 63.2 | 94.8 |



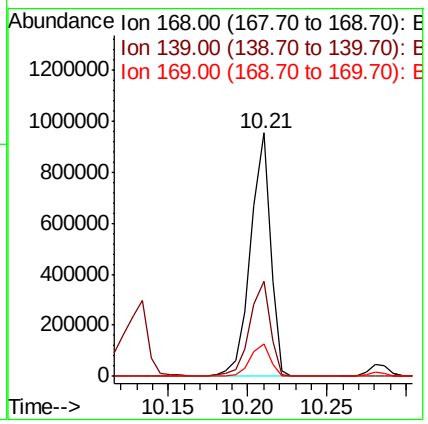


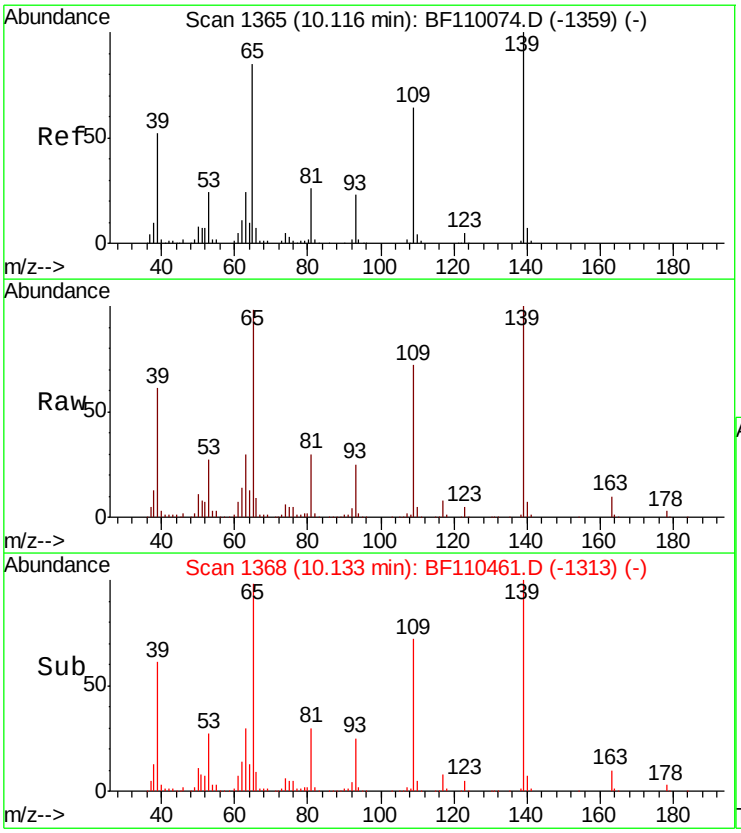

#55
Dibenzofuran
Concen: 45.997 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:168 Resp: 835600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.2 | 33.0 | 49.6 |
| 169 | 13.3 | 11.3 | 16.9 |

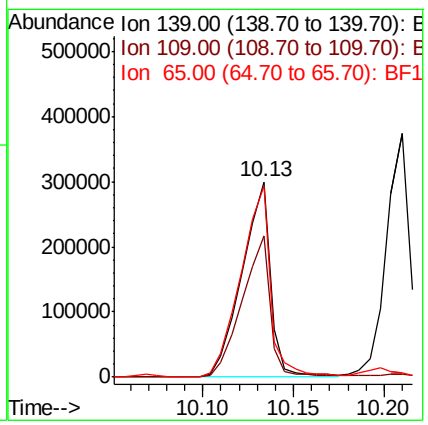


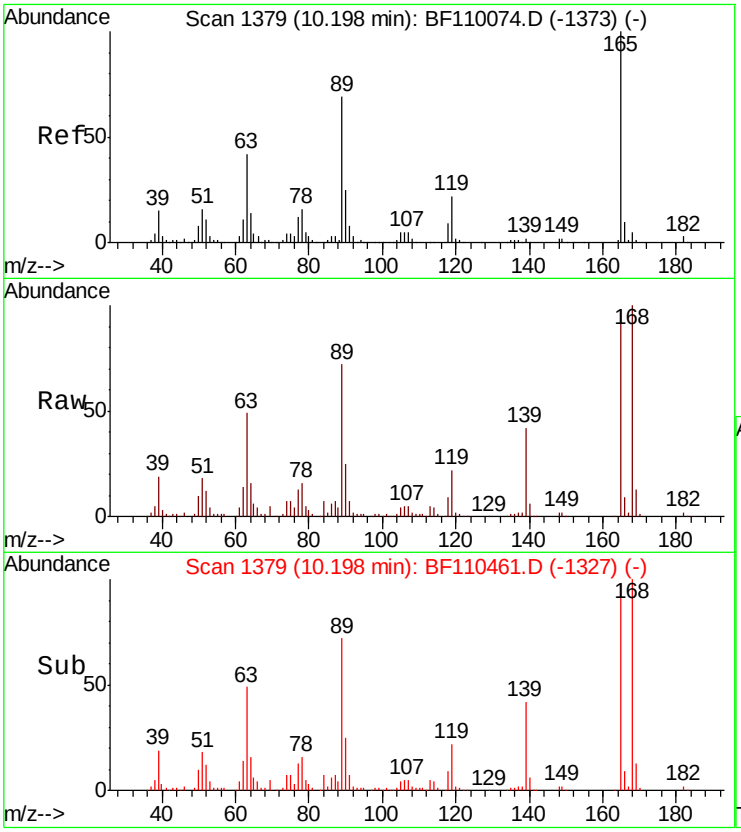




#56
4-Nitrophenol
Concen: 114.888 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:139 Resp: 329148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 72.1 | 55.8 | 95.8 |
| 65 | 97.7 | 77.9 | 117.9 |



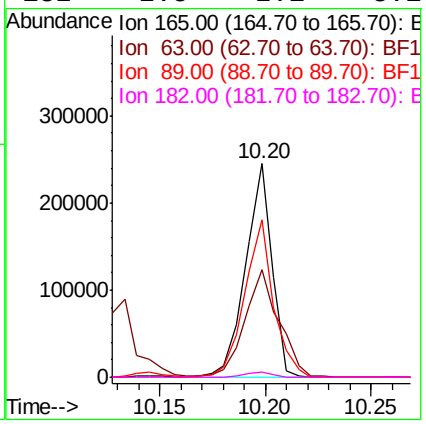


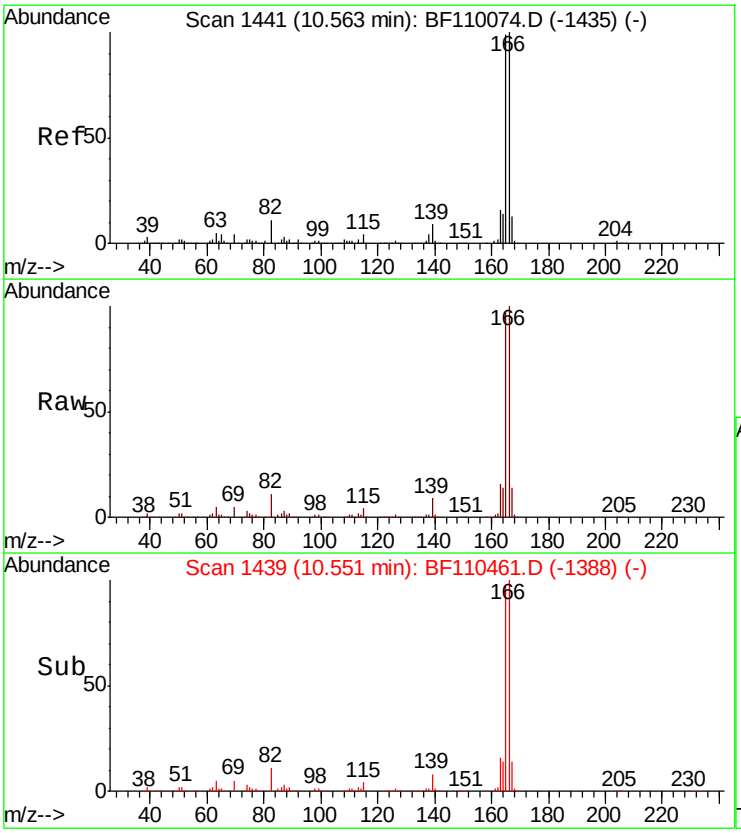

#57
2,4-Dinitrotoluene
Concen: 51.498 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:165 Resp: 212922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.5 | 44.8 | 67.2 |
| 89 | 73.6 | 62.2 | 93.4 |
| 182 | 2.5 | 2.1 | 3.1 |

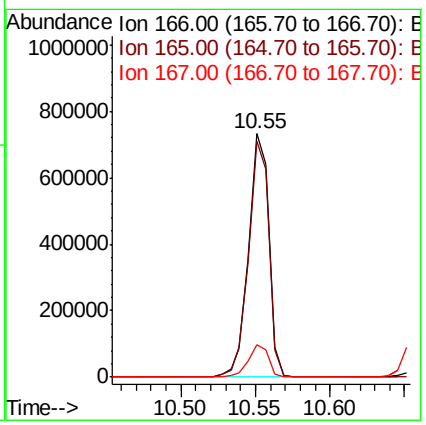


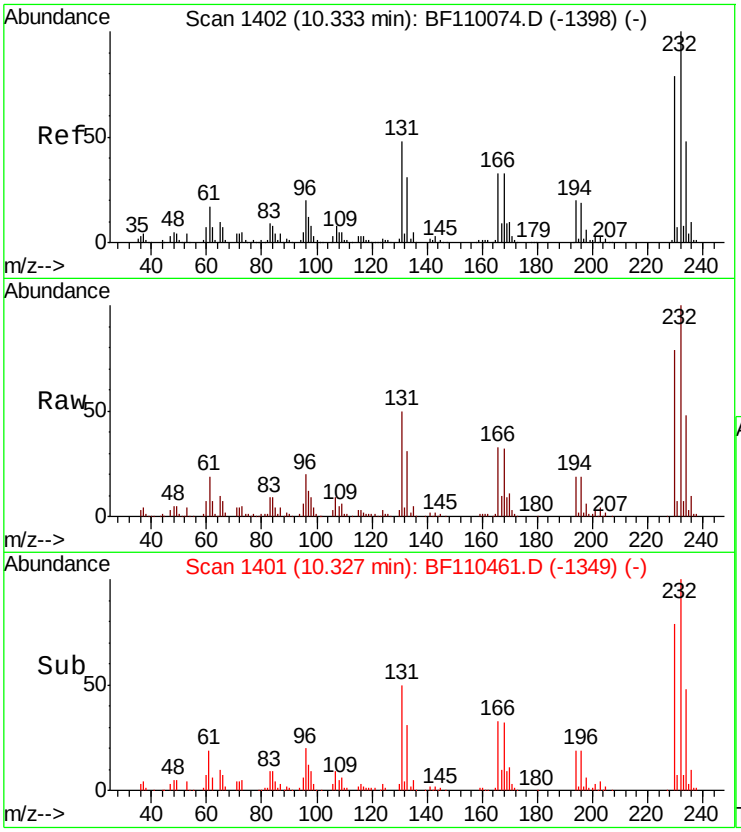




#58
Fluorene
Concen: 50.662 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:166 Resp: 684967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.1 | 78.6 | 117.8 |
| 167 | 13.5 | 10.8 | 16.2 |



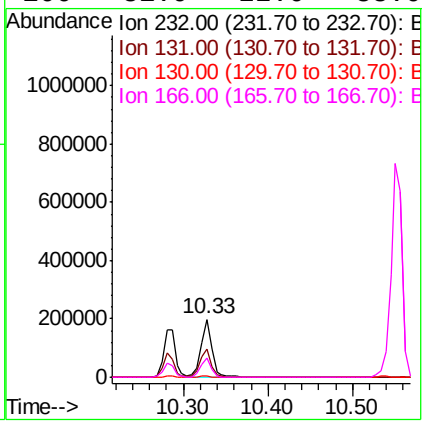


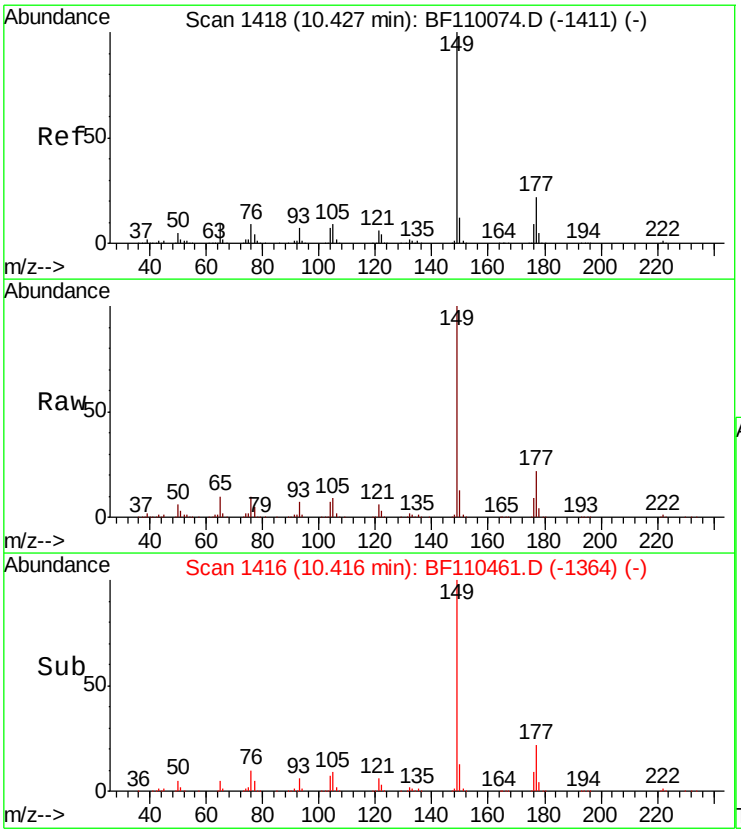

#59
2,3,4,6-Tetrachlorophenol
Concen: 49.303 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:232 Resp: 174758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.6 | 37.0 | 55.4 |
| 130 | 2.4 | 1.8 | 2.6 |
| 166 | 31.9 | 22.0 | 33.0 |

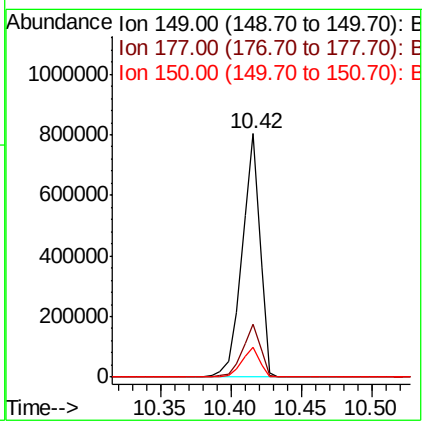


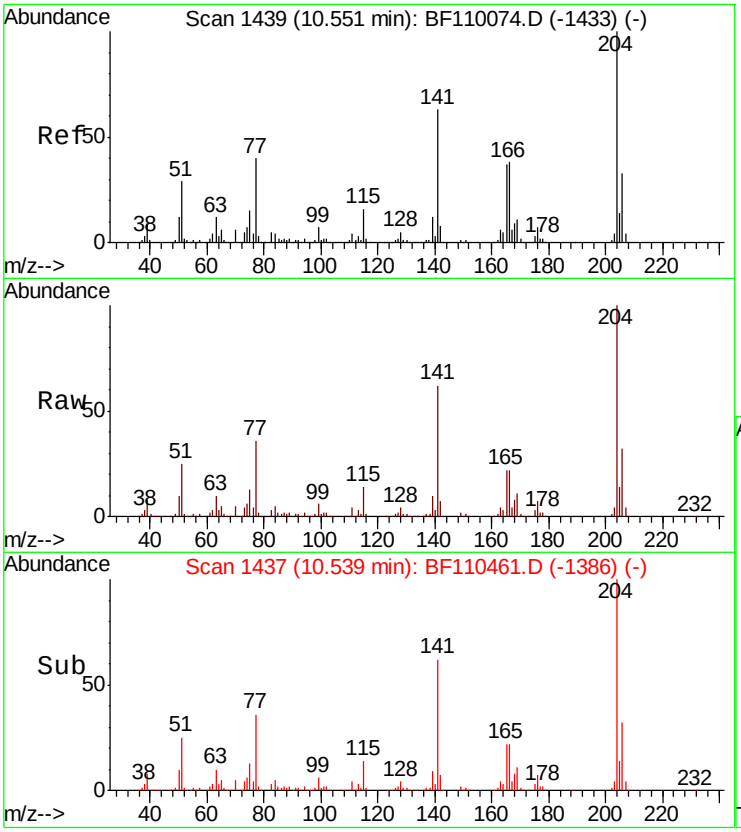




#60
Diethylphthalate
Concen: 47.960 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:149 Resp: 707476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.7 | 17.4 | 26.2 |
| 150 | 12.5 | 9.8 | 14.8 |



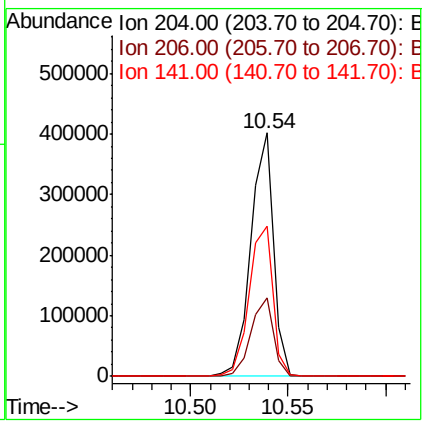


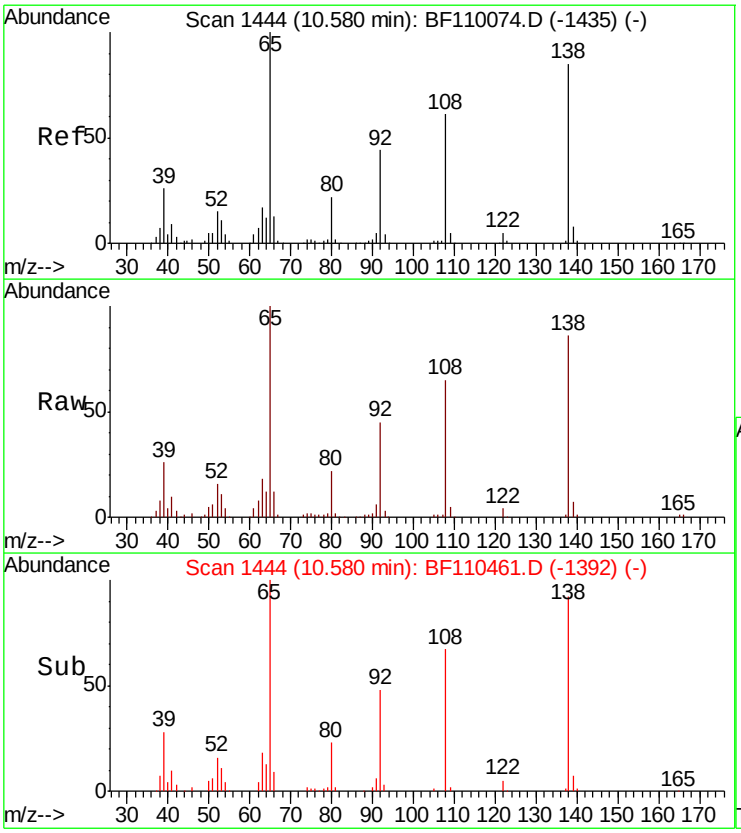

#61
4-Chlorophenyl-phenylether
Concen: 45.326 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:204 Resp: 323283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.2 | 26.5 | 39.7 |
| 141 | 61.6 | 51.8 | 77.8 |

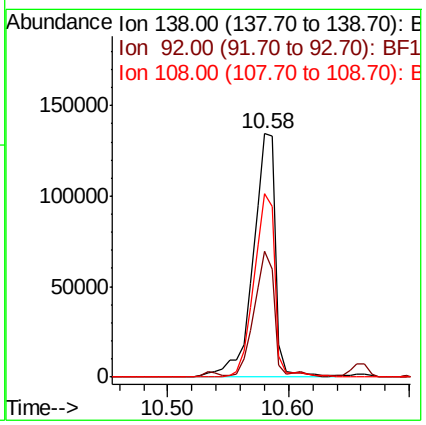


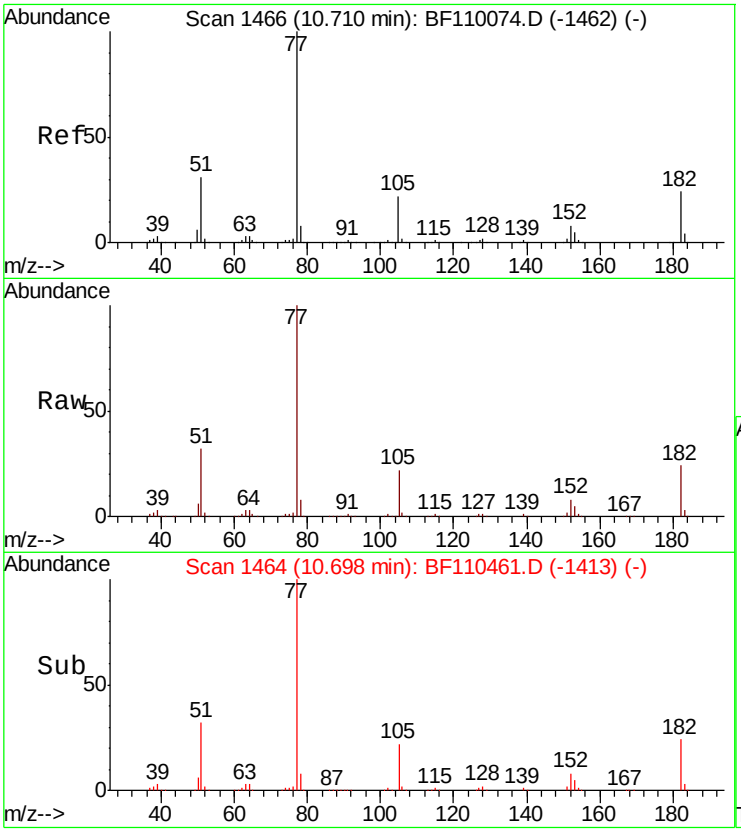




#62
4-Nitroaniline
Concen: 45.221 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:138 Resp: 174102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 51.7 | 31.7 | 71.7 |
| 108 | 75.3 | 59.3 | 99.3 |



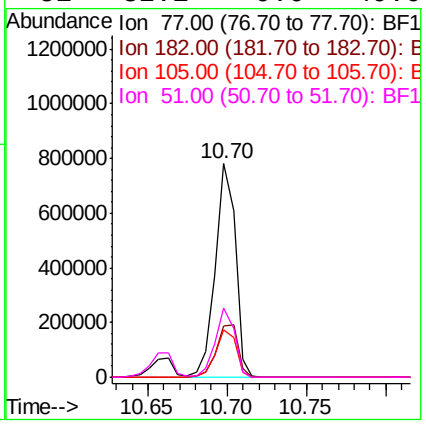


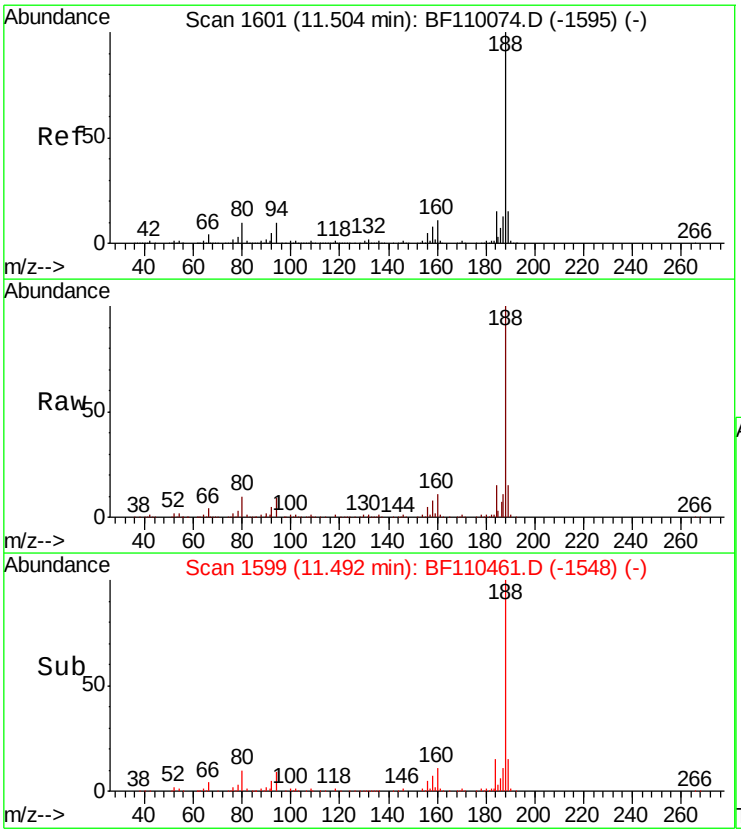

#63
Azobenzene
Concen: 46.976 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion: 77 Resp: 687847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.2 | 4.3 | 44.3 |
| 105 | 22.3 | 1.3 | 41.3 |
| 51 | 32.1 | 9.0 | 49.0 |

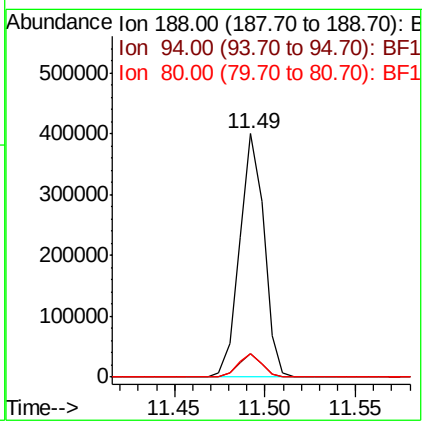


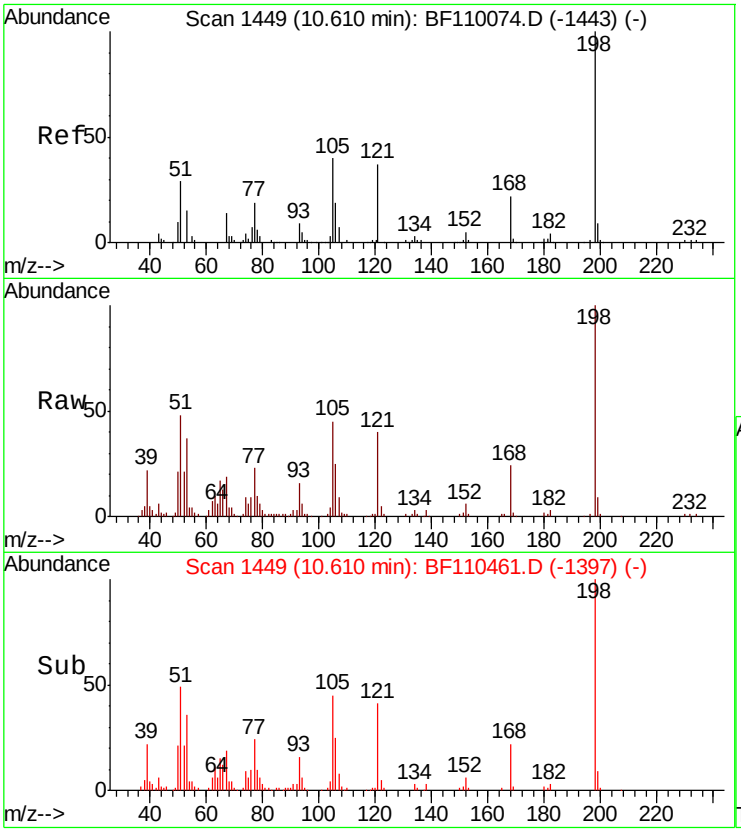




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:188 Resp: 374176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 7.2 | 10.8 |
| 80 | 9.9 | 7.9 | 11.9 |



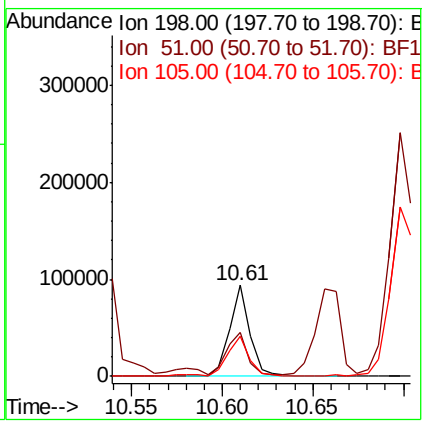


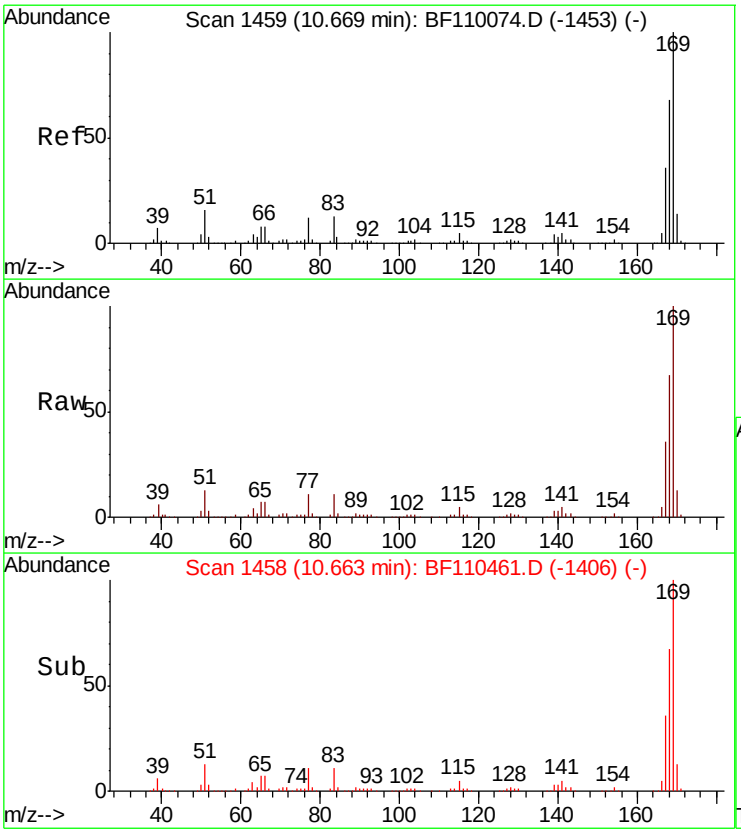

#65
4,6-Dinitro-2-methylphenol
Concen: 43.011 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:198 Resp: 73528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 48.4 | 22.8 | 62.8 |
| 105 | 44.8 | 23.6 | 63.6 |

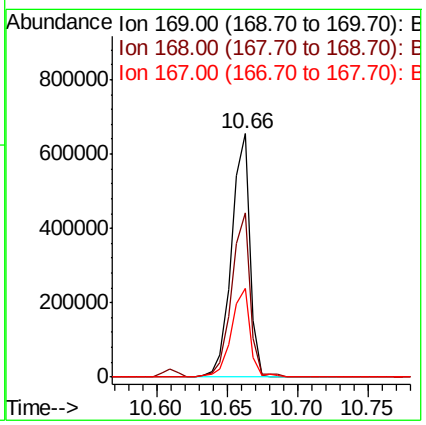


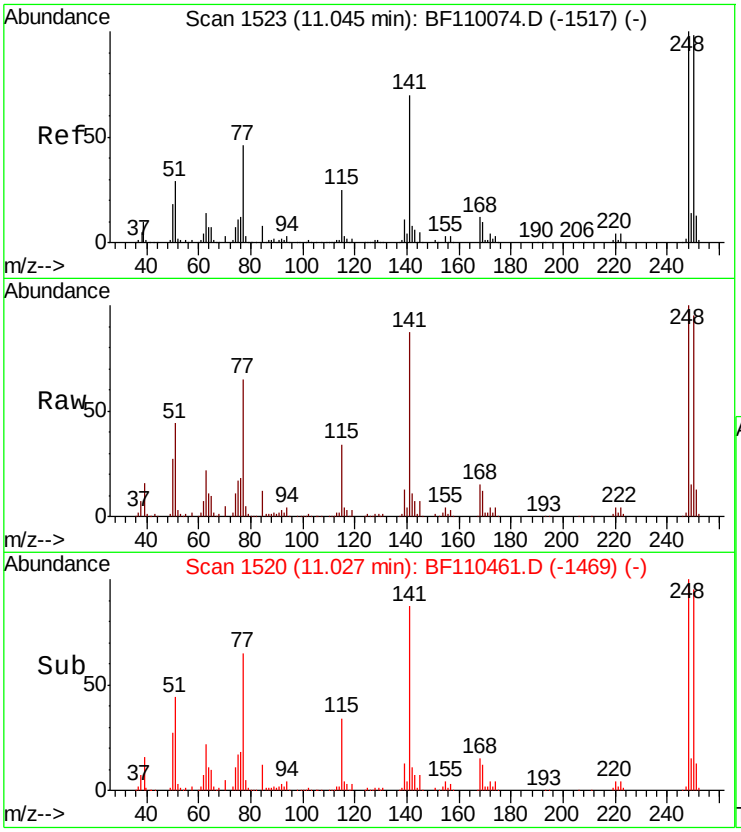




#66
n-Nitrosodiphenylamine
Concen: 48.187 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:169 Resp: 591395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.5 | 51.2 | 76.8 |
| 167 | 36.2 | 27.8 | 41.6 |



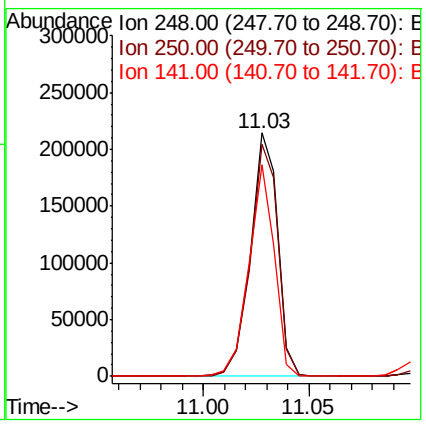


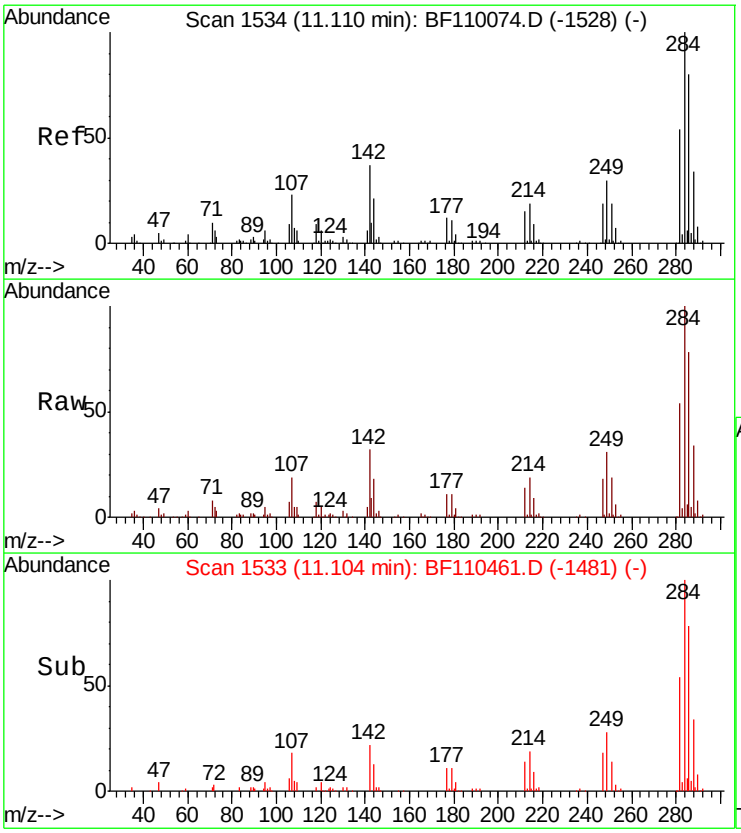

#67
4-Bromophenyl-phenylether
Concen: 47.460 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:248 Resp: 192628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.1 | 79.4 | 119.2 |
| 141 | 87.2 | 55.9 | 83.9# |

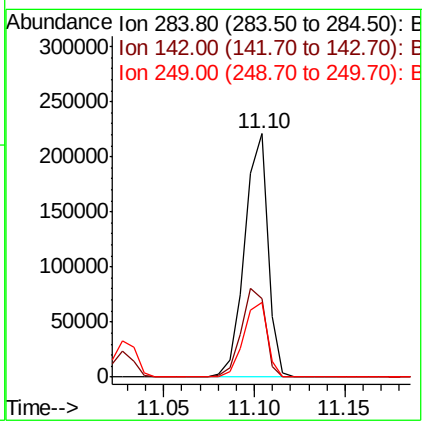


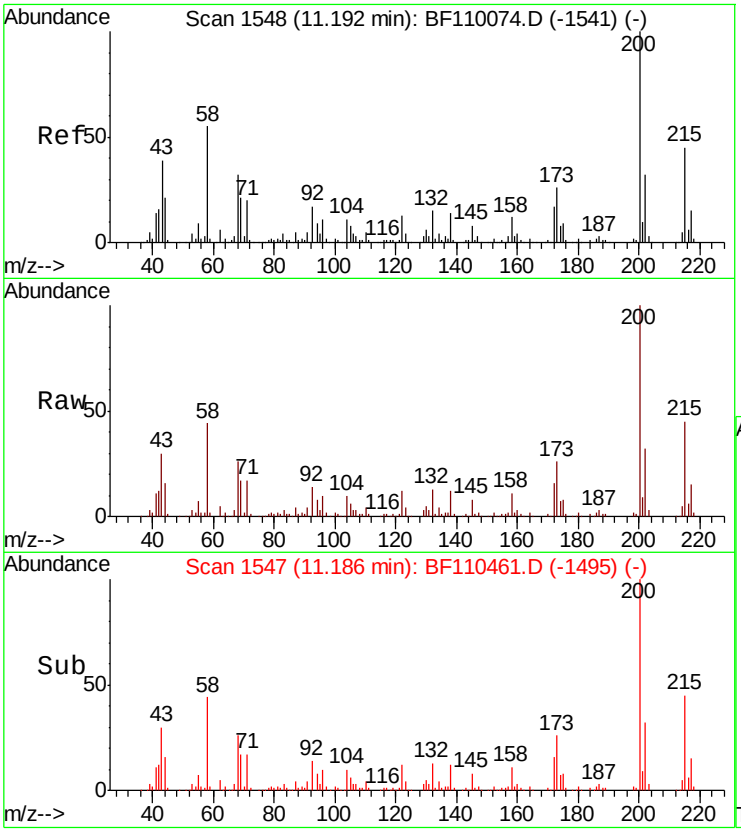




#68
Hexachlorobenzene
Concen: 45.885 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:284 Resp: 197600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.1 | 23.9 | 35.9 |
| 249 | 30.5 | 24.2 | 36.2 |



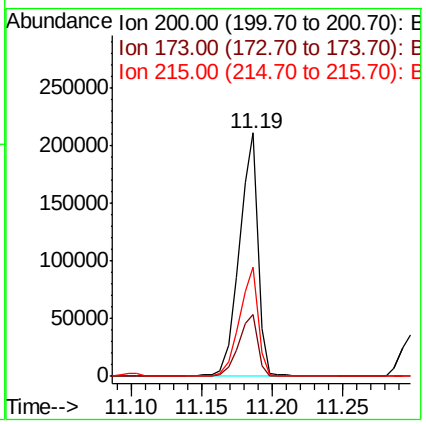


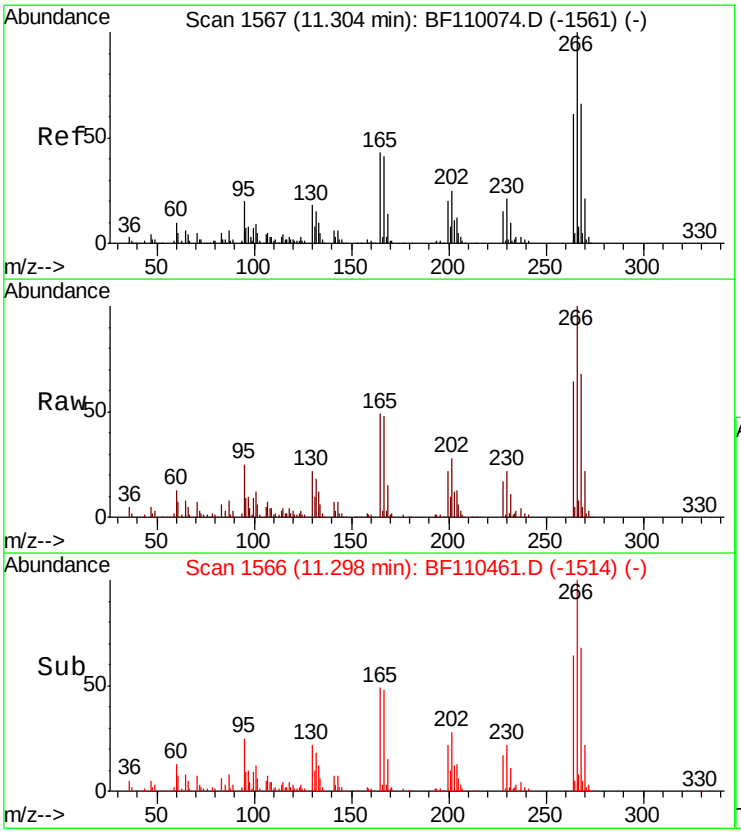

#69
Atrazine
Concen: 49.773 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:200 Resp: 193046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 25.6 | 6.6 | 46.6 |
| 215 | 44.7 | 26.3 | 66.3 |

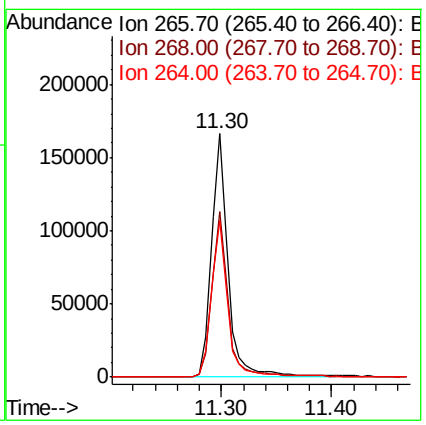


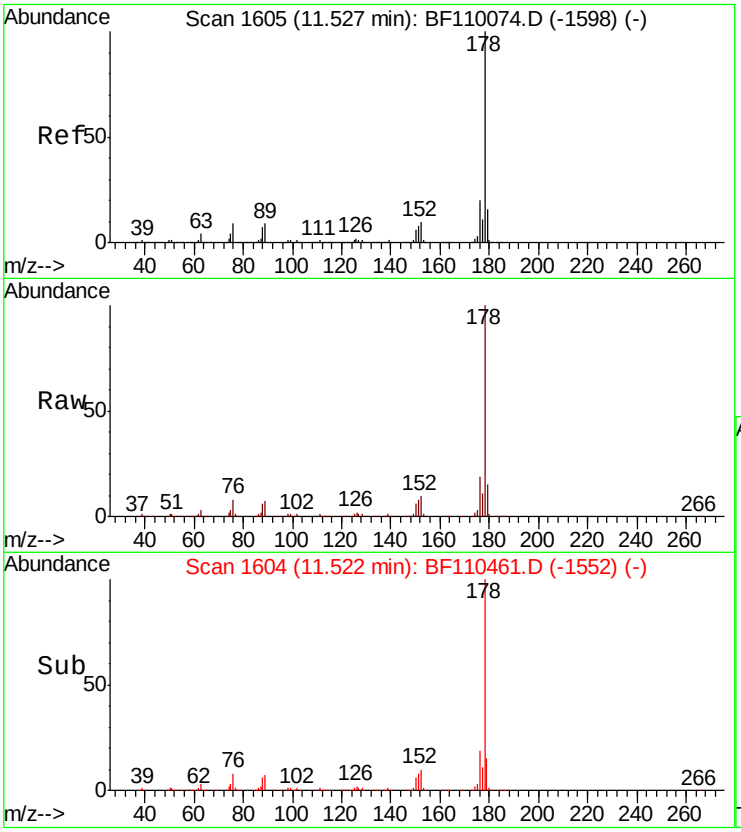




#70
Pentachlorophenol
Concen: 68.437 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:266 Resp: 171854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 67.8 | 50.6 | 75.8 |
| 264 | 64.1 | 50.6 | 75.8 |



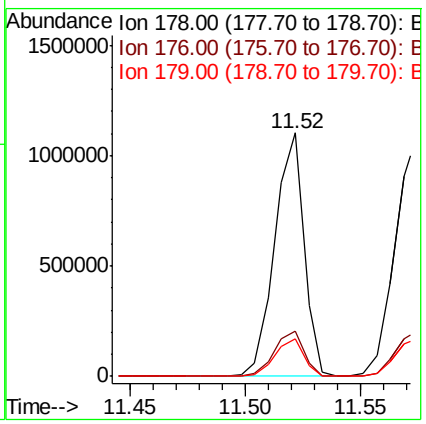


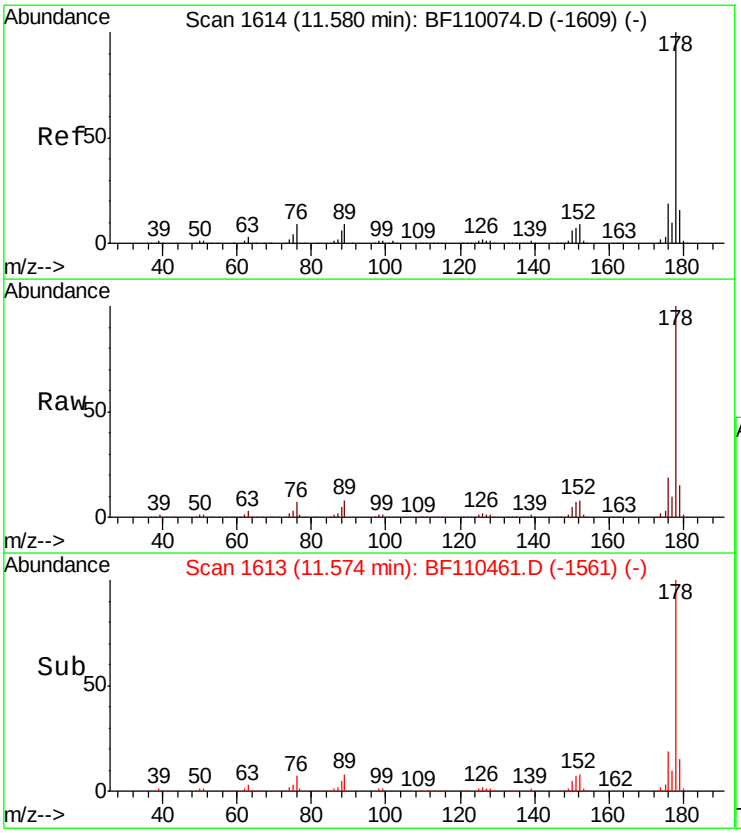

#71
Phenanthrene
Concen: 49.567 ng
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:178 Resp: 970445

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

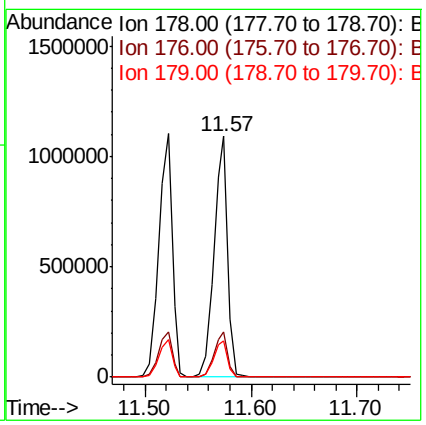


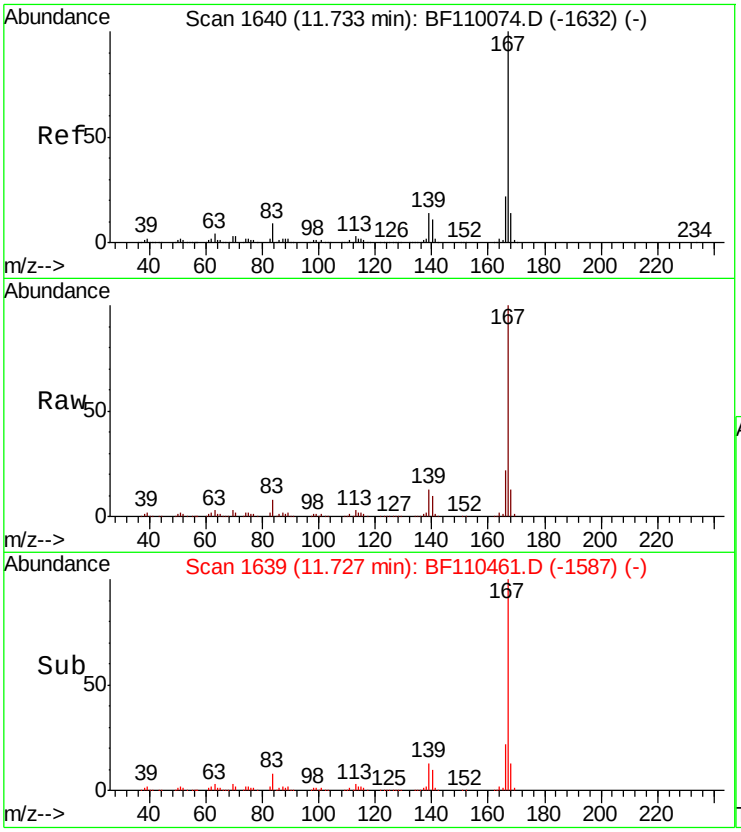




#72
Anthracene
Concen: 50.776 ng
RT: 11.57 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:178 Resp: 996457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.4 | 23.2 |
| 179 | 15.3 | 12.6 | 18.8 |



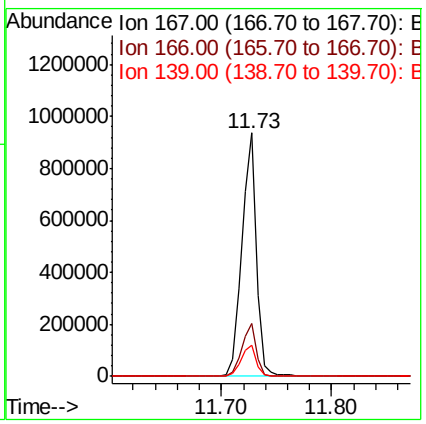


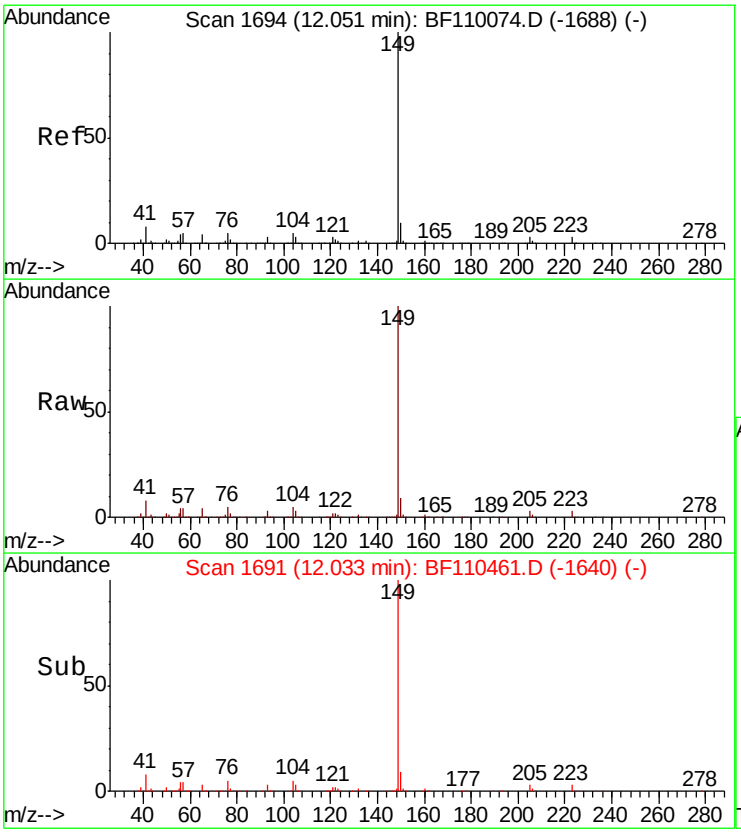

#73
Carbazole
Concen: 45.308 ng
RT: 11.73 min Scan# 1639
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:167 Resp: 868148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.9 | 17.4 | 26.0 |
| 139 | 13.0 | 10.9 | 16.3 |

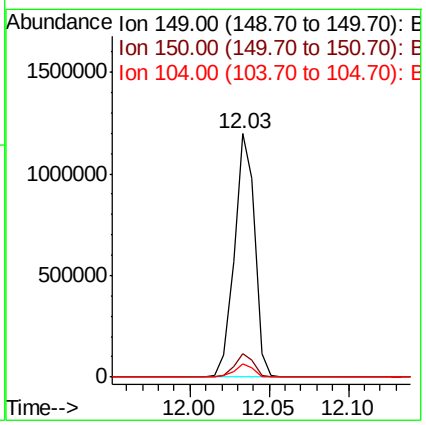


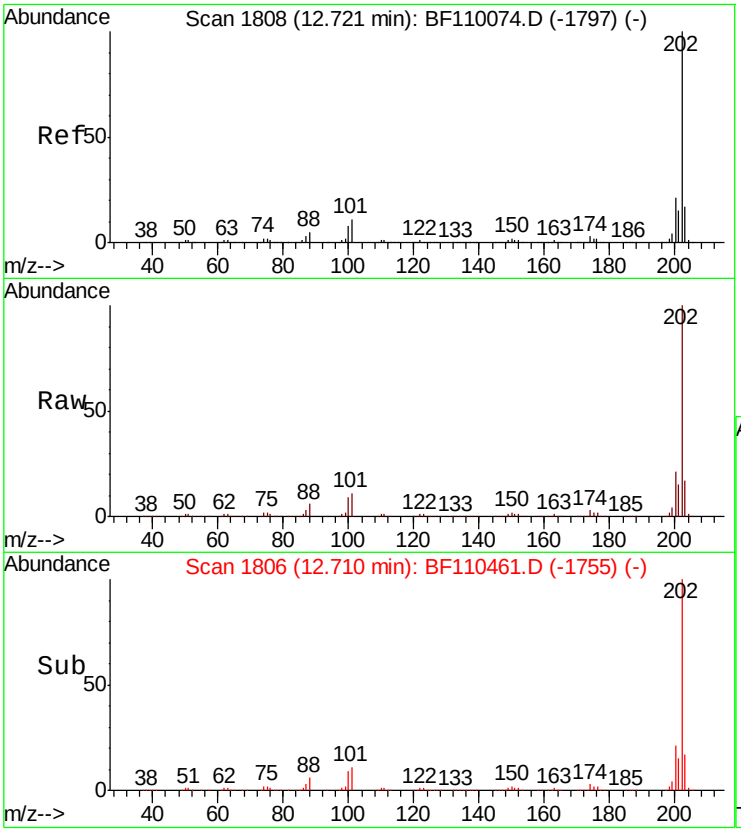




#74
Di-n-butylphthalate
Concen: 48.891 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:149 Resp: 1058028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.4 | 7.7 | 11.5 |
| 104 | 5.3 | 4.2 | 6.4 |



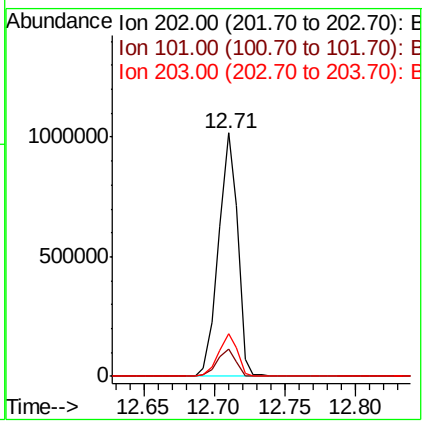


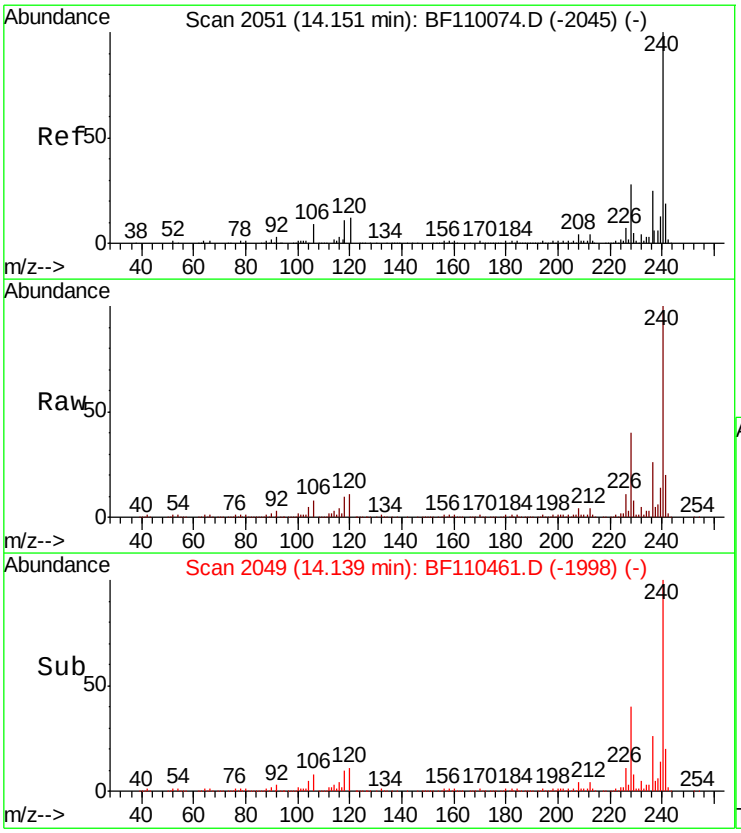

#75
Fluoranthene
Concen: 48.134 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:202 Resp: 956417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 0.0 | 31.4 |
| 203 | 17.4 | 0.0 | 37.7 |

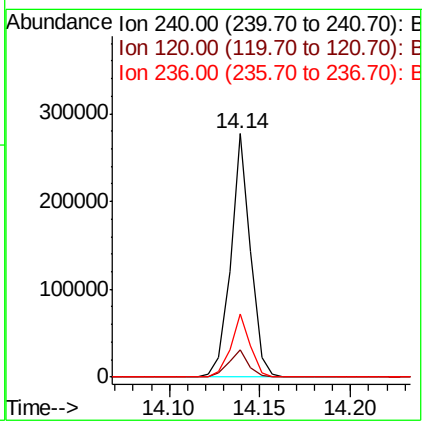


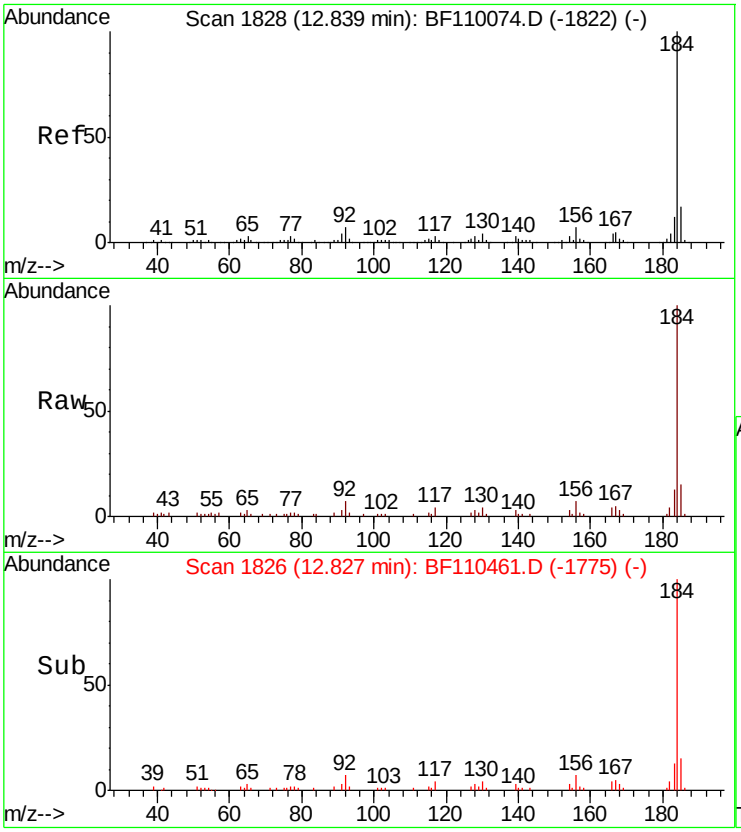




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:240 Resp: 209589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 8.3 | 12.5 |
| 236 | 26.0 | 21.2 | 31.8 |



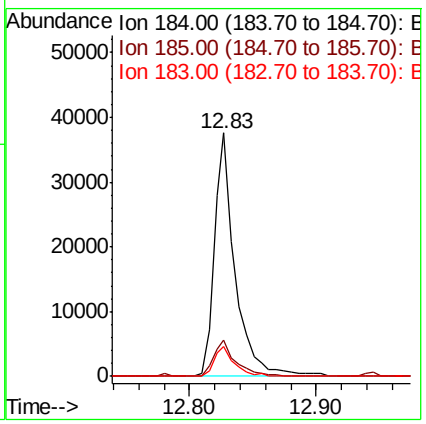


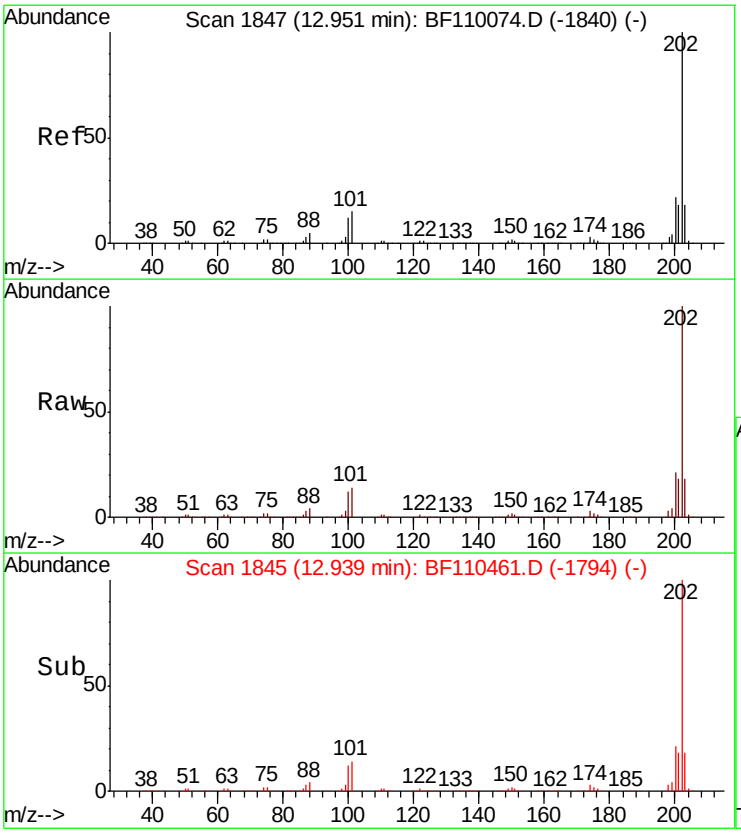

#77
Benzidine
Concen: 4.434 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:184 Resp: 42874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.0 | 13.4 | 20.2 |
| 183 | 12.5 | 9.4 | 14.2 |

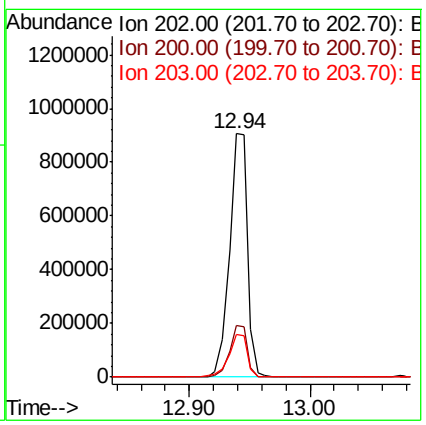


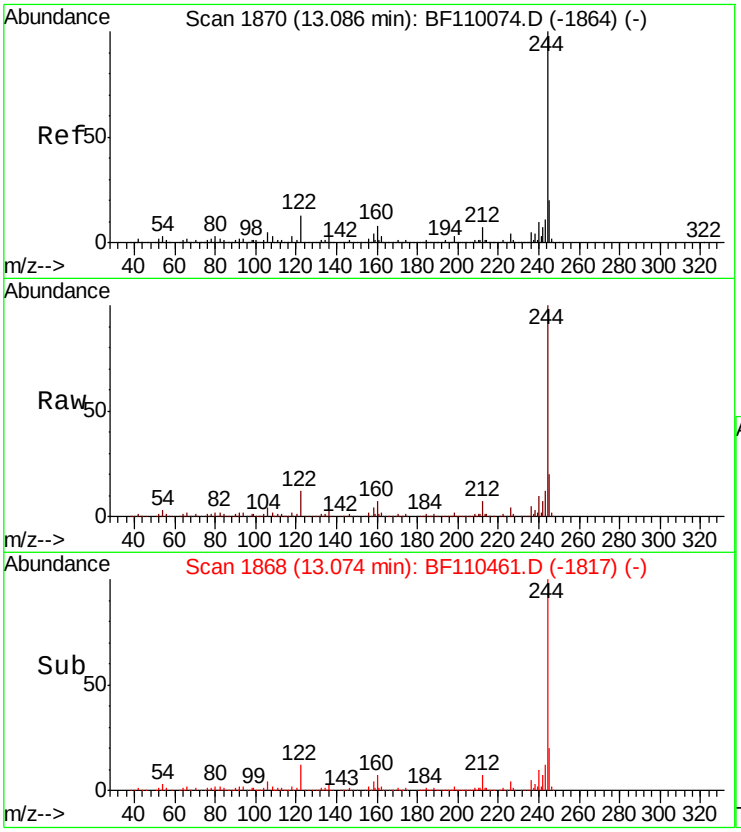




#78
Pyrene
Concen: 62.493 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:202 Resp: 939007

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



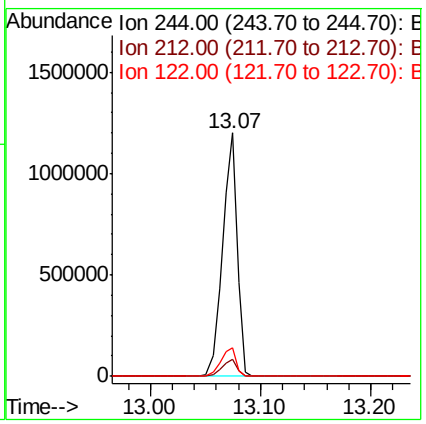


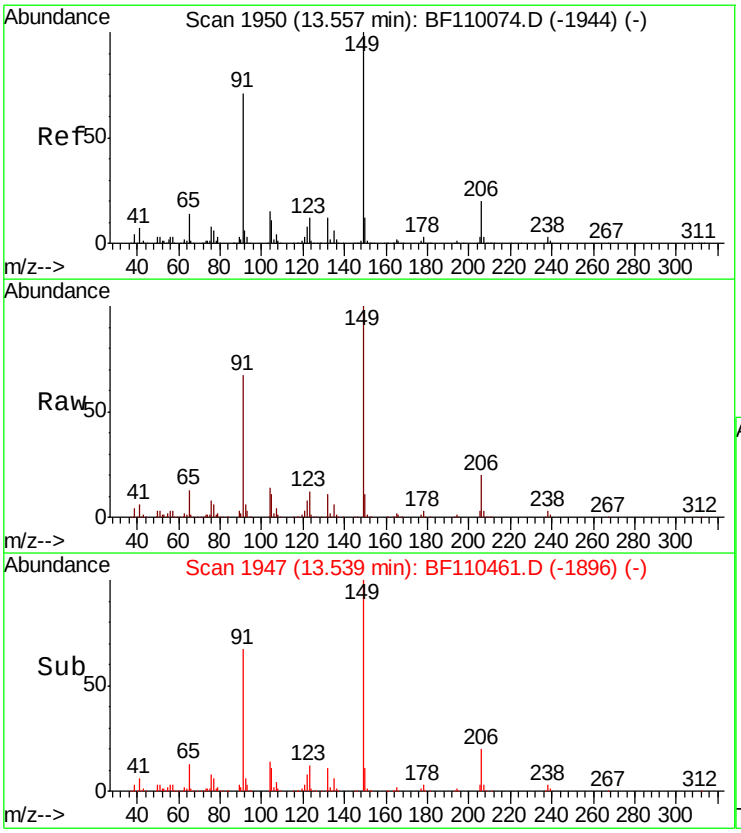

#79
Terphenyl-d14
Concen: 110.627 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:244 Resp: 1114881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.8 | 8.8 |
| 122 | 11.7 | 8.7 | 13.1 |

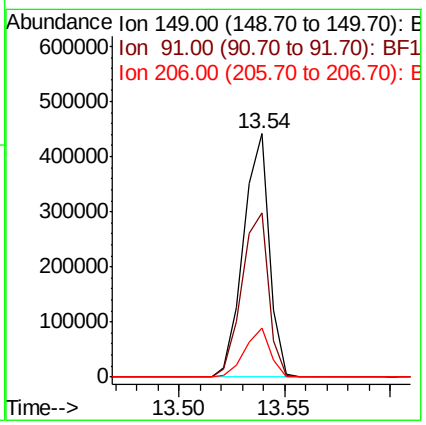


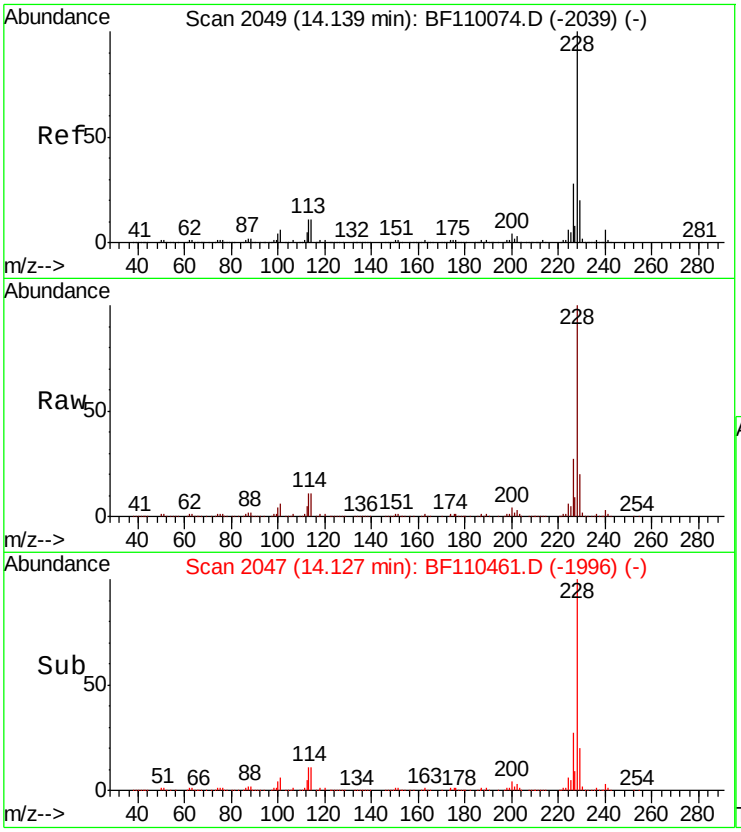




#80
Butylbenzylphthalate
Concen: 57.870 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:149 Resp: 377414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.2 | 57.2 | 85.8 |
| 206 | 20.2 | 15.7 | 23.5 |



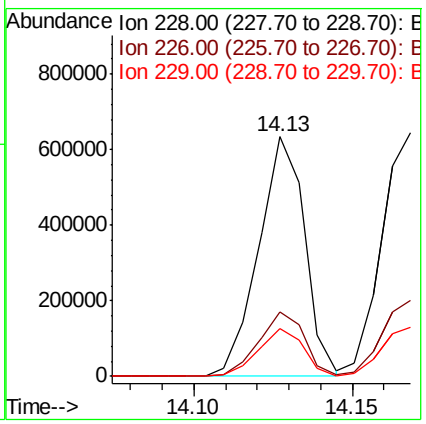


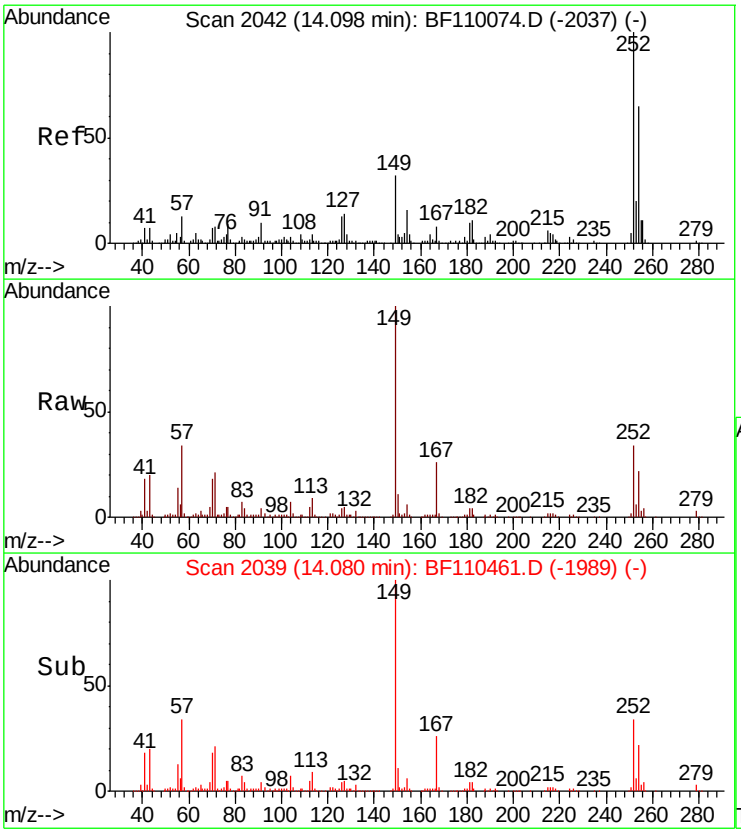

#81
Benzo(a)anthracene
Concen: 51.596 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:228 Resp: 641286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 22.1 | 33.1 |
| 229 | 19.7 | 15.6 | 23.4 |

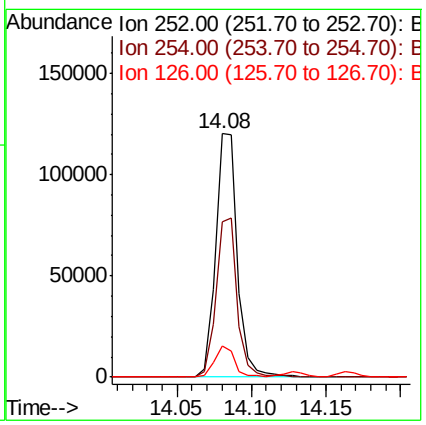


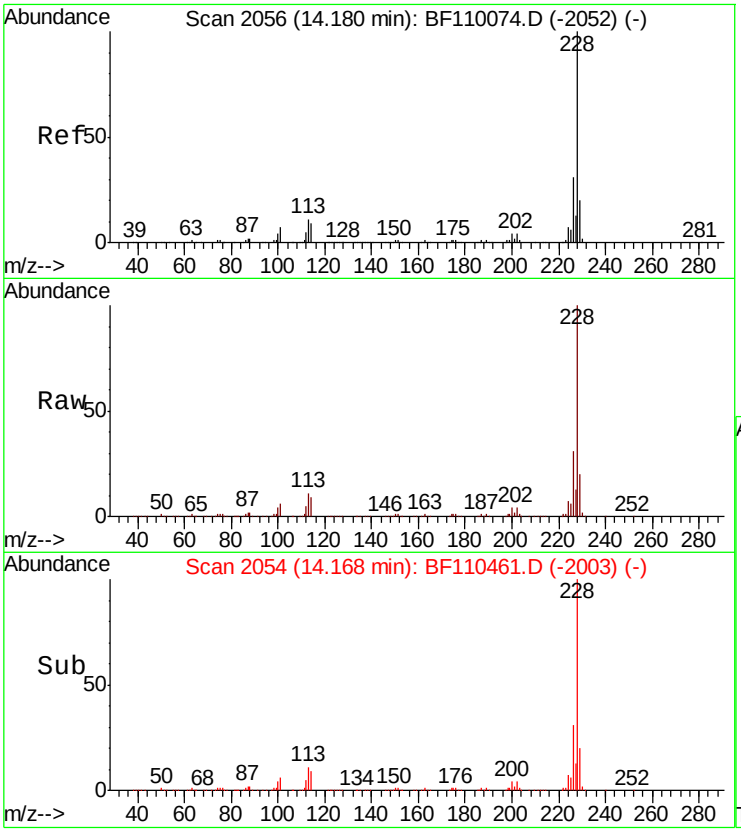




#82
3,3'-Dichlorobenzidine
Concen: 28.439 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:252 Resp: 123083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.8 | 51.3 | 76.9 |
| 126 | 13.0 | 9.4 | 14.2 |



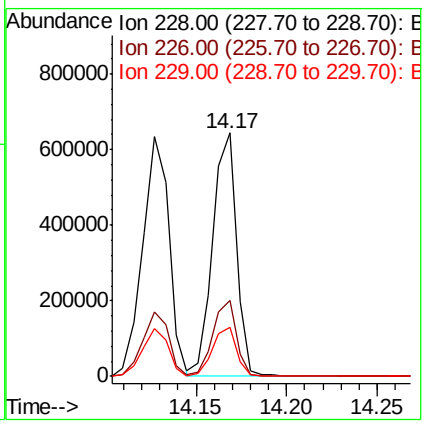


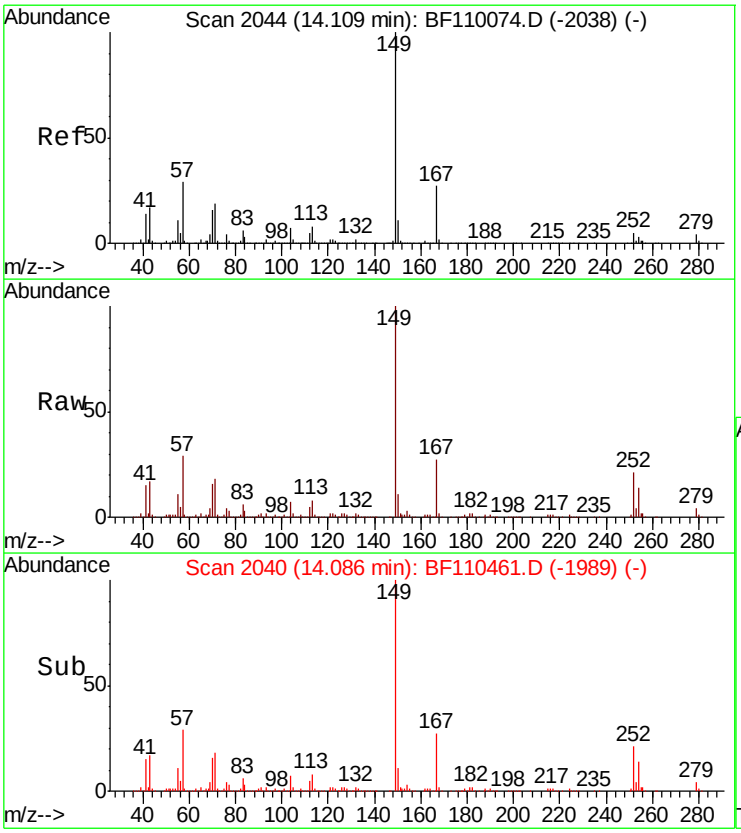

#83
Chrysene
Concen: 50.095 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:228 Resp: 591377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.3 | 24.7 | 37.1 |
| 229 | 20.0 | 15.9 | 23.9 |

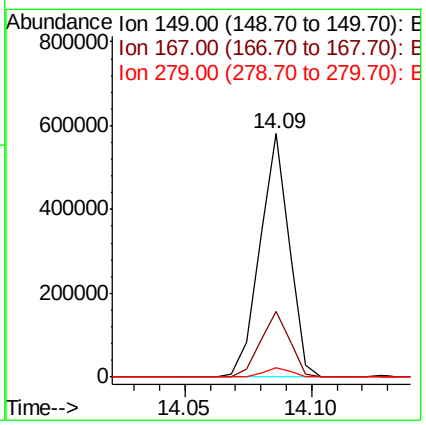


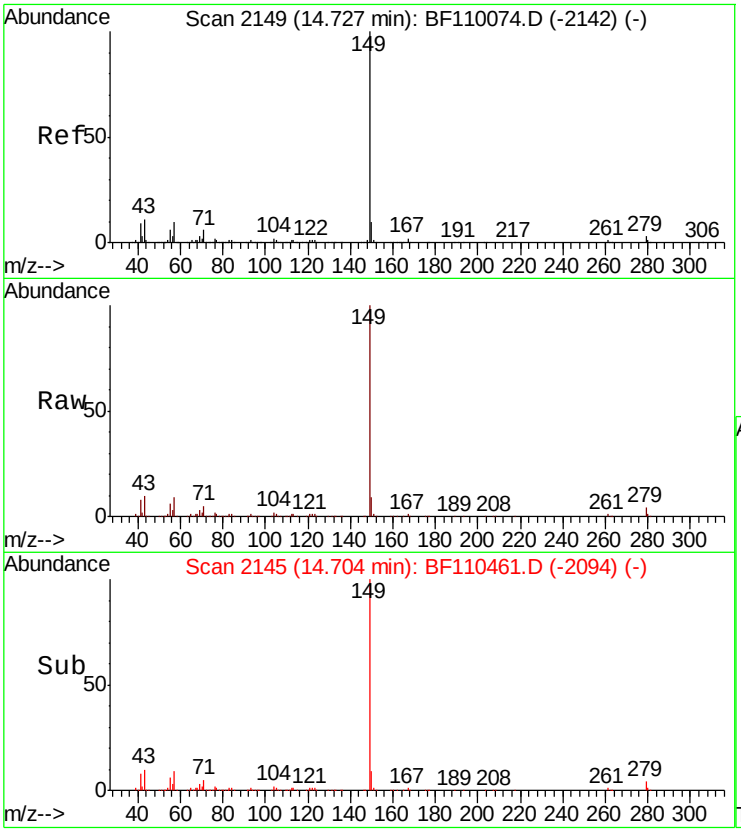




#84
Bis(2-ethylhexyl)phthalate
Concen: 53.386 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:149 Resp: 470662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.8 | 19.8 | 29.8 |
| 279 | 3.7 | 2.7 | 4.1 |



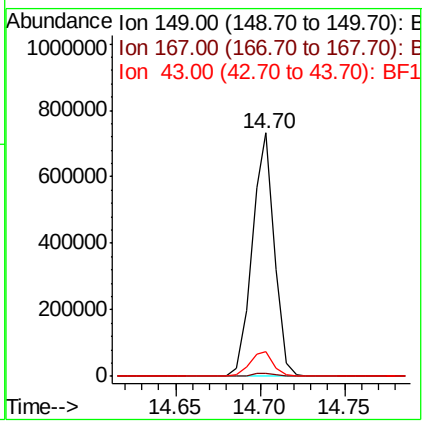


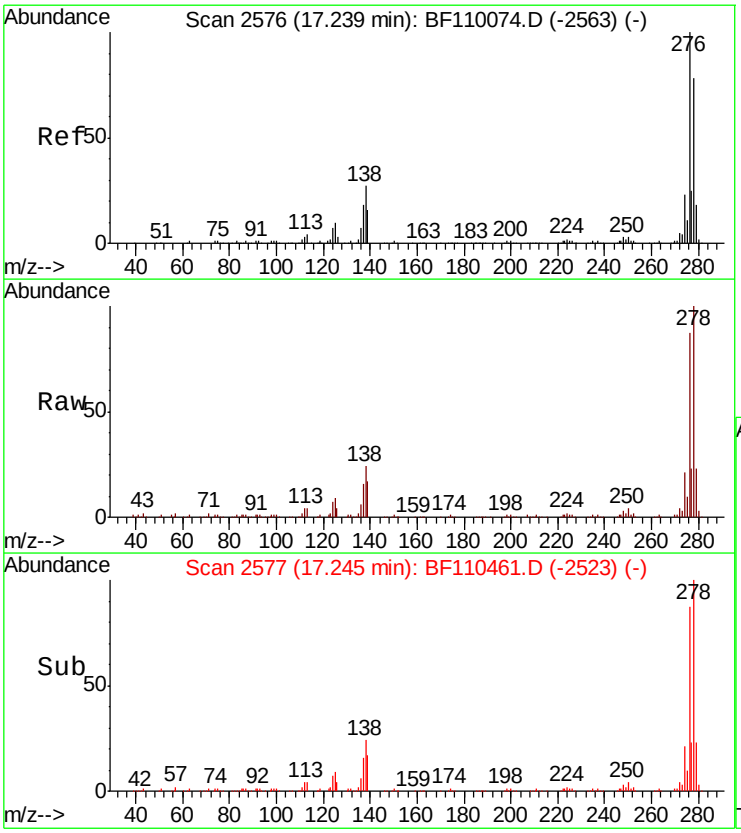

#85
Di-n-octyl phthalate
Concen: 48.795 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:149 Resp: 668904

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

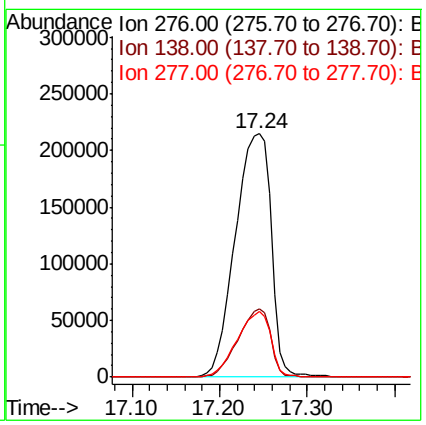


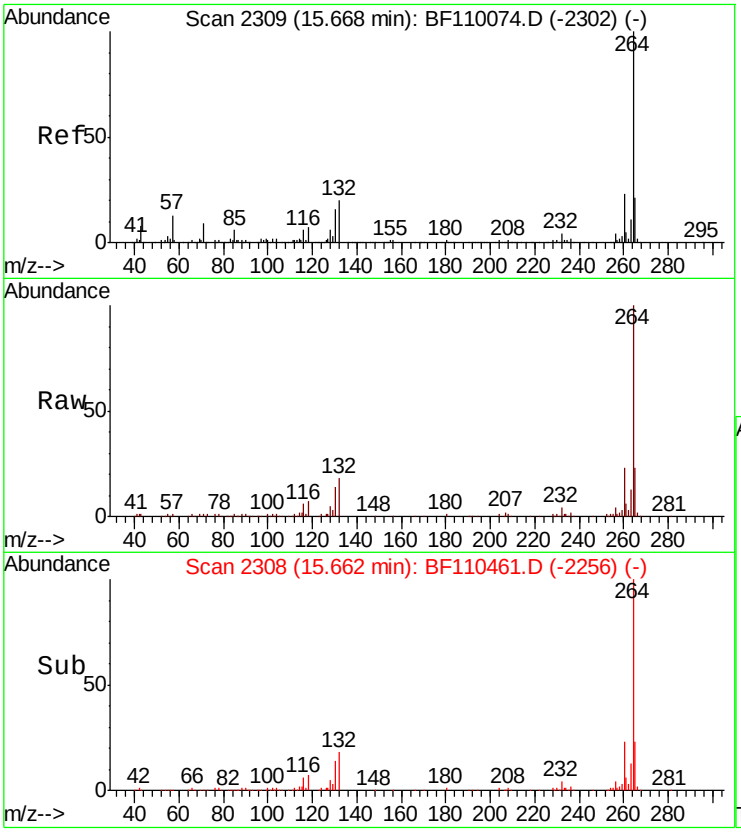




#86
Indeno(1,2,3-cd)pyrene
Concen: 61.082 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.02 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:276 Resp: 598204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.4 | 18.5 | 27.7 |
| 277 | 25.3 | 20.0 | 30.0 |



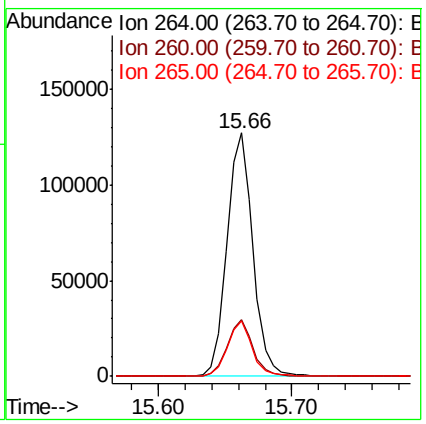


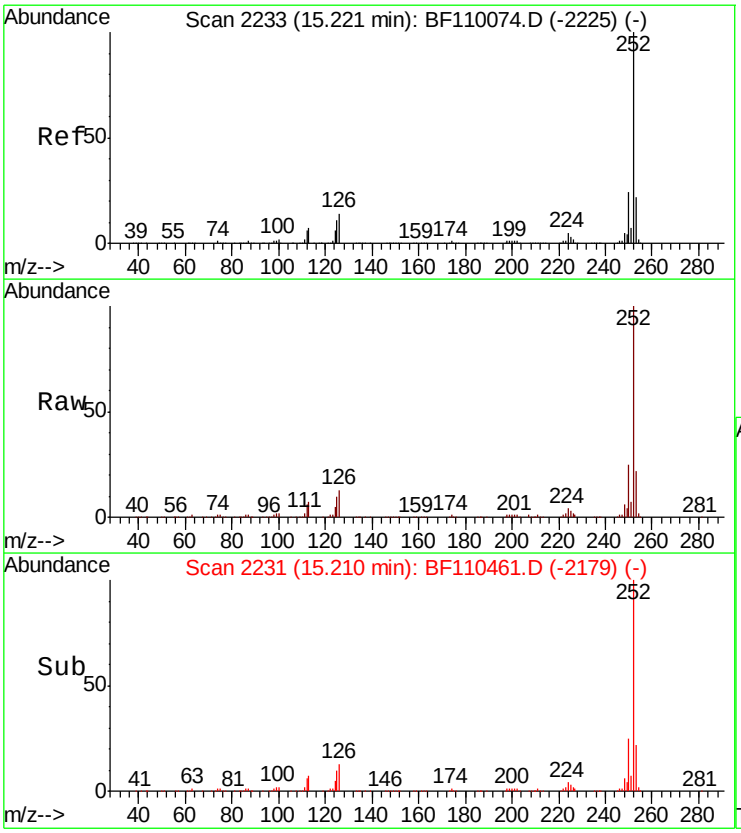

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:264 Resp: 173486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.7 | 28.1 |
| 265 | 22.6 | 16.7 | 25.1 |

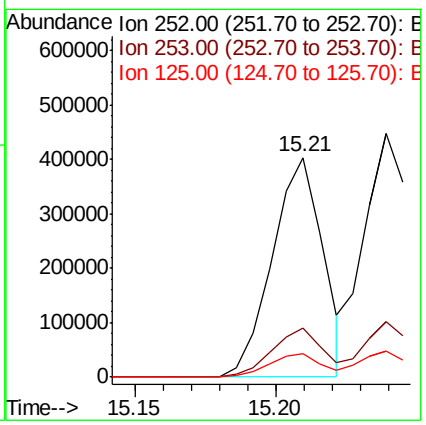


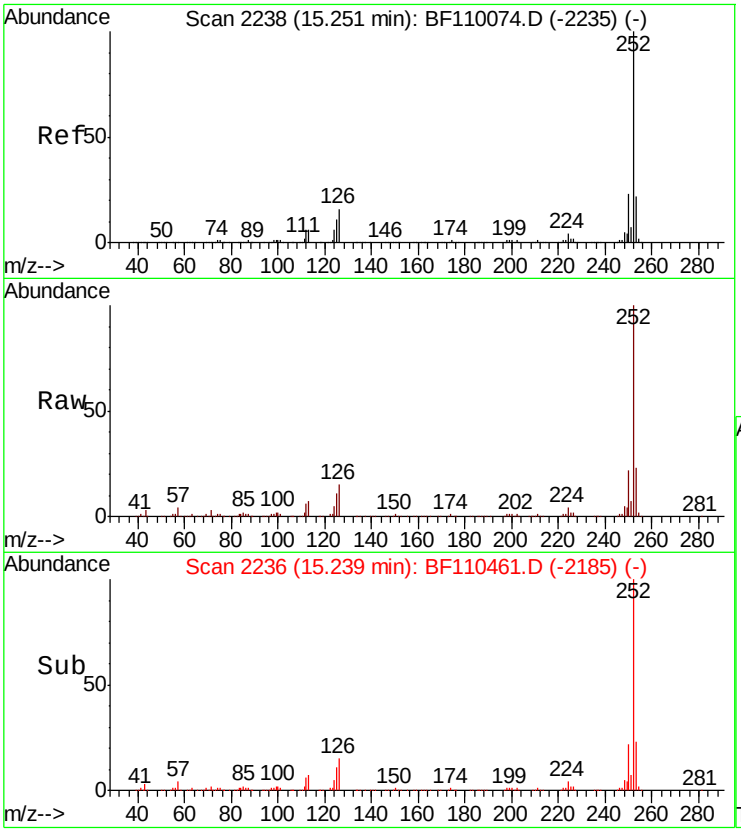




#88
Benzo(b)fluoranthene
Concen: 50.234 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:252 Resp: 503251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.2 | 25.8 |
| 125 | 10.4 | 8.2 | 12.4 |



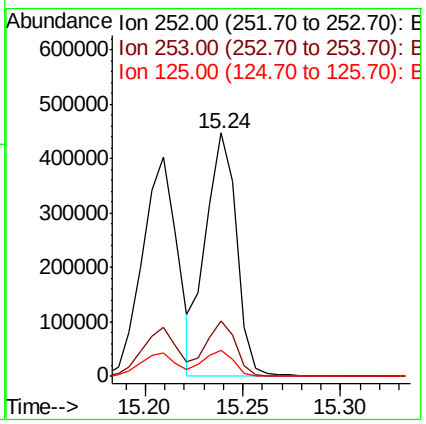


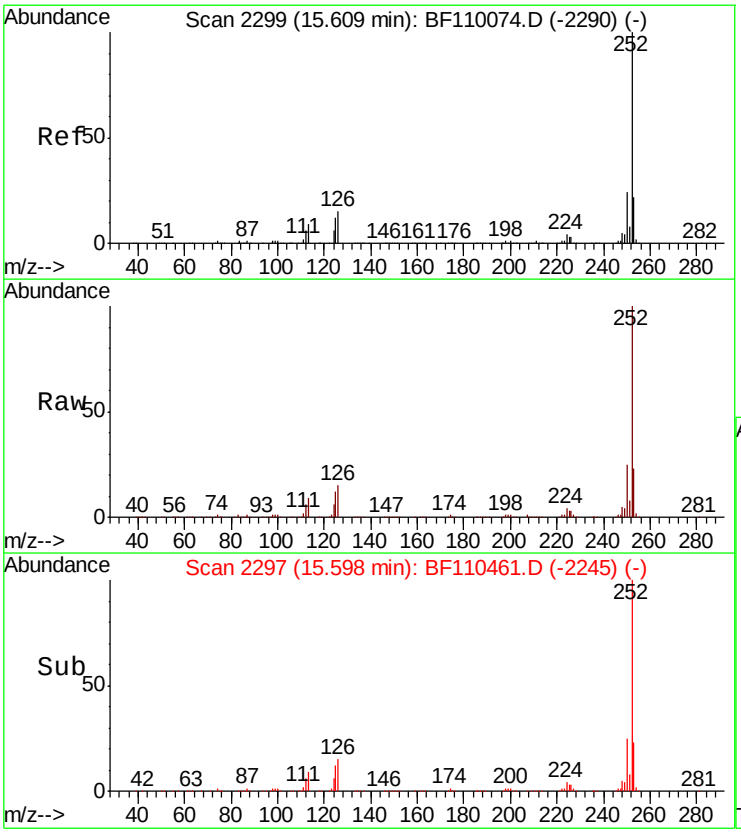

#89
Benzo(k)fluoranthene
Concen: 49.739 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:252 Resp: 489869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.2 | 25.8 |
| 125 | 10.5 | 7.4 | 11.0 |

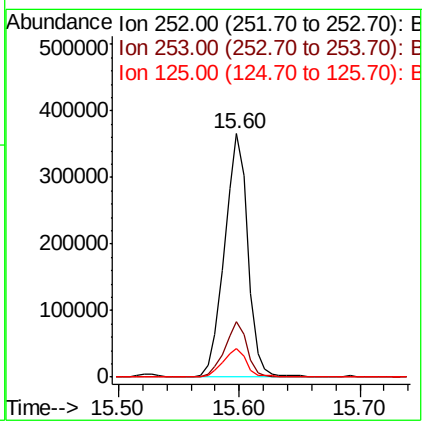


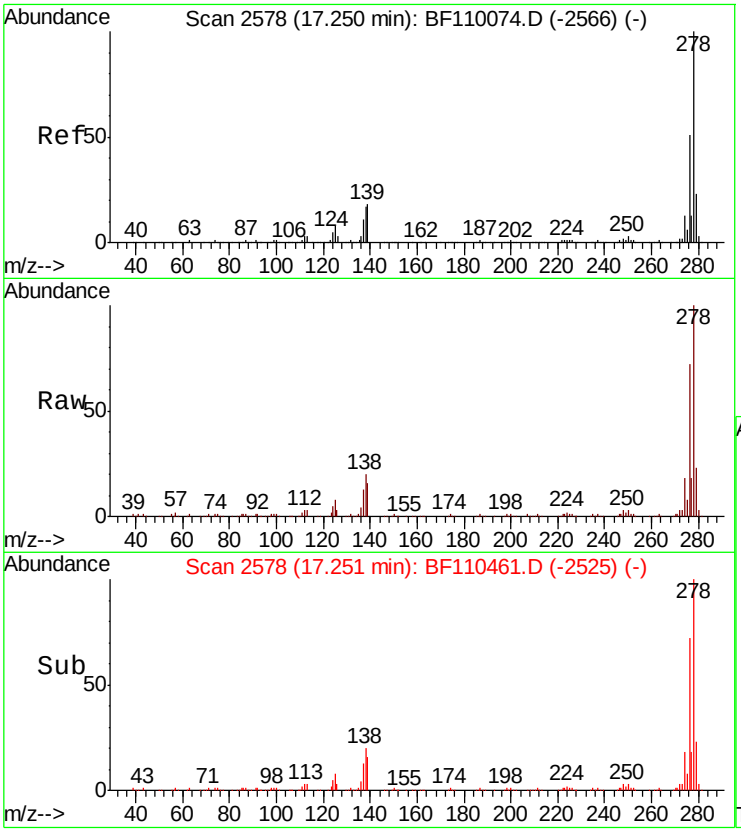




#90
Benzo(a)pyrene
Concen: 53.265 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:252 Resp: 491017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 18.2 | 27.4 |
| 125 | 11.9 | 9.0 | 13.6 |



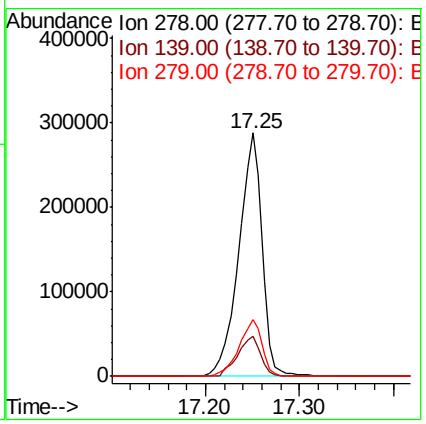


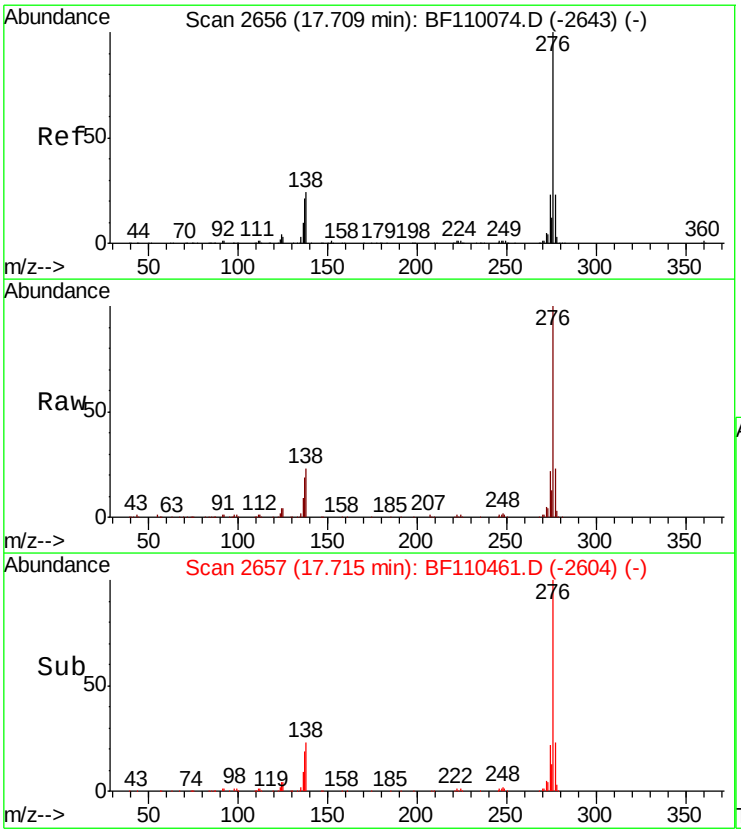

#91
Dibenzo(a,h)anthracene
Concen: 62.387 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

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

Tgt Ion:278 Resp: 496230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.3 | 12.7 | 19.1 |
| 279 | 23.2 | 19.0 | 28.4 |




#92
Benzo(g,h,i)perylene
Concen: 65.380 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:276 Resp: 512451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.0 | 18.8 | 28.2 |
| 138 | 22.9 | 16.0 | 24.0 |