Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
Data File : BF077443.D
Acq On : 25 Feb 2015 19:46
Operator : IZ / TP
Sample : G1358-02MS
Misc : S/DOD
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TU012-SB-12-2.5MS

Quant Time: Feb 26 03:39:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 26 03:18:41 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.29 | 152 | 95109 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.86 | 136 | 369556 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 11.04 | 164 | 184239 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 12.88 | 188 | 366500 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 16.17 | 240 | 392757 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 17.93 | 264 | 388957 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.58 | 112 | 569321 | 99.93 | ng | | 0.00 |
| 7) Phenol-d6 | 6.84 | 99 | 674387 | 92.07 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.97 | 82 | 398379 | 67.04 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 12.02 | 330 | 193004 | 108.80 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 10.21 | 172 | 832879 | 70.49 | ng | | 0.00 |
| 78) Terphenyl-d14 | 14.88 | 244 | 1045553 | 62.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.25 | 88 | 60794 | 25.15 | ng | | 98 |
| 3) Pyridine | 2.98 | 79 | 165531 | 23.93 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.90 | 42 | 83302 | 27.70 | ng | | 97 |
| 6) Aniline | 6.88 | 93 | 165919 | 16.39 | ng | | 99 |
| 8) 2-Chlorophenol | 7.01 | 128 | 200920 | 29.90 | ng | | 98 |
| 10) Phenol | 6.85 | 94 | 249156 | 28.67 | ng | | 85 |
| 11) bis(2-Chloroethyl)ether | 6.98 | 93 | 188301 | 30.15 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.21 | 146 | 208747 | 28.52 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.31 | 146 | 220214 | 29.58 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.49 | 146 | 210408 | 29.71 | ng | | 99 |
| 15) Benzyl Alcohol | 7.47 | 79 | 162549 | 29.19 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.65 | 45 | 245103 | 27.45 | ng | | 98 |
| 17) 2-Methylphenol | 7.61 | 107 | 156307 | 29.76 | ng | | 97 |
| 18) Hexachloroethane | 7.92 | 117 | 70159 | 28.21 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.80 | 70 | 142484 | 30.63 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.80 | 107 | 204894 | 29.61 | ng | # | 86 |
| 22) Acetophenone | 7.79 | 105 | 262217 | 30.16 | ng | # | 94 |
| 24) Nitrobenzene | 8.00 | 77 | 192836 | 30.84 | ng | # | 79 |
| 25) Isophorone | 8.30 | 82 | 358597 | 30.41 | ng | # | 96 |
| 26) 2-Nitrophenol | 8.40 | 139 | 98871 | 38.58 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 8.45 | 122 | 173575 | 30.27 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 8.58 | 93 | 224903 | 30.20 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 8.69 | 162 | 167196 | 31.07 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.80 | 180 | 180797 | 30.56 | ng | | 100 |
| 31) Naphthalene | 8.89 | 128 | 563821 | 30.51 | ng | | 100 |
| 32) Benzoic acid | 8.53 | 122 | 49047 | 17.60 | ng | | 96 |
| 33) 4-Chloroaniline | 8.96 | 127 | 93020 | 11.32 | ng | # | 86 |
| 34) Hexachlorobutadiene | 9.05 | 225 | 100689 | 29.81 | ng | | 100 |
| 35) Caprolactam | 9.38 | 113 | 33141 | 20.17 | ng | # | 68 |
| 36) 4-Chloro-3-methylphenol | 9.56 | 107 | 168957 | 31.23 | ng | | 90 |
| 37) 2-Methylnaphthalene | 9.76 | 142 | 422881 | 32.22 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.95 | 216 | 168042 | 31.79 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 9.94 | 237 | 182524 | 64.39 | ng | | 96 |
| 42) 2,4,6-Trichlorophenol | 10.10 | 196 | 125295 | 35.79 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
Data File : BF077443.D
Acq On : 25 Feb 2015 19:46
Operator : IZ / TP
Sample : G1358-02MS
Misc : S/DOD
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TU012-SB-12-2.5MS

Quant Time: Feb 26 03:39:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 26 03:18:41 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 10.14 | 196 | 128349 | 34.29 | ng | # | 92 |
| 45) 1,1'-Biphenyl | 10.33 | 154 | 453929 | 32.52 | ng | | 97 |
| 46) 2-Chloronaphthalene | 10.35 | 162 | 364598 | 33.31 | ng | | 99 |
| 47) 2-Nitroaniline | 10.48 | 65 | 98705 | 36.63 | ng | | 95 |
| 48) Acenaphthylene | 10.87 | 152 | 593737 | 34.26 | ng | | 99 |
| 49) Dimethylphthalate | 10.72 | 163 | 436592 | 33.71 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 10.79 | 165 | 92246 | 35.52 | ng | # | 51 |
| 51) Acenaphthene | 11.08 | 154 | 350485 | 33.89 | ng | | 99 |
| 52) 3-Nitroaniline | 10.99 | 138 | 77453 | 25.87 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 11.12 | 184 | 65784 | 83.24 | ng | # | 50 |
| 54) Dibenzofuran | 11.30 | 168 | 526829 | 32.99 | ng | | 95 |
| 55) 4-Nitrophenol | 11.20 | 139 | 161434 | 67.03 | ng | # | 67 |
| 56) 2,4-Dinitrotoluene | 11.29 | 165 | 131157 | 37.37 | ng | # | 93 |
| 57) Fluorene | 11.72 | 166 | 440090 | 34.47 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 11.45 | 232 | 106368 | 35.34 | ng | # | 99 |
| 59) Diethylphthalate | 11.60 | 149 | 410580 | 32.16 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 11.72 | 204 | 193845 | 31.52 | ng | # | 84 |
| 61) 4-Nitroaniline | 11.75 | 138 | 104399 | 36.38 | ng | | 92 |
| 62) Azobenzene | 11.93 | 77 | 399487 | 32.98 | ng | | 89 |
| 64) 4,6-Dinitro-2-methylphenol | 11.78 | 198 | 49261 | 34.79 | ng | # | 50 |
| 65) n-Nitrosodiphenylamine | 11.87 | 169 | 371557 | 30.55 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 12.33 | 248 | 125118 | 29.15 | ng | # | 85 |
| 67) Hexachlorobenzene | 12.40 | 284 | 132804 | 28.83 | ng | # | 78 |
| 68) Atrazine | 12.55 | 200 | 119323 | 30.18 | ng | | 97 |
| 69) Pentachlorophenol | 12.64 | 266 | 156503 | 64.64 | ng | | 99 |
| 70) Phenanthrene | 12.91 | 178 | 644120 | 30.32 | ng | | 100 |
| 71) Anthracene | 12.97 | 178 | 636221 | 30.18 | ng | | 99 |
| 72) Carbazole | 13.17 | 167 | 617519 | 30.81 | ng | | 99 |
| 73) Di-n-butylphthalate | 13.63 | 149 | 688789 | 29.27 | ng | # | 98 |
| 74) Fluoranthene | 14.39 | 202 | 741137 | 31.94 | ng | | 99 |
| 76) Benzidine | 14.57 | 184 | 367996 | 27.73 | ng | | 98 |
| 77) Pyrene | 14.66 | 202 | 742680 | 30.91 | ng | | 99 |
| 79) Butylbenzylphthalate | 15.49 | 149 | 315869 | 31.96 | ng | | 99 |
| 80) Benzo(a)anthracene | 16.16 | 228 | 696679 | 30.27 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 16.13 | 252 | 195540 | 23.18 | ng | # | 96 |
| 82) Chrysene | 16.20 | 228 | 660601 | 30.56 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 16.21 | 149 | 435387 | 27.47 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 17.03 | 149 | 751518 | 28.40 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 19.39 | 276 | 751777 | 30.50 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 17.47 | 252 | 749840 | 33.15 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 17.51 | 252 | 631991 | 28.51 | ng | | 99 |
| 89) Benzo(a)pyrene | 17.86 | 252 | 663228 | 30.79 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 19.43 | 278 | 634678 | 30.89 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 19.83 | 276 | 654943 | 31.59 | ng | | 99 |

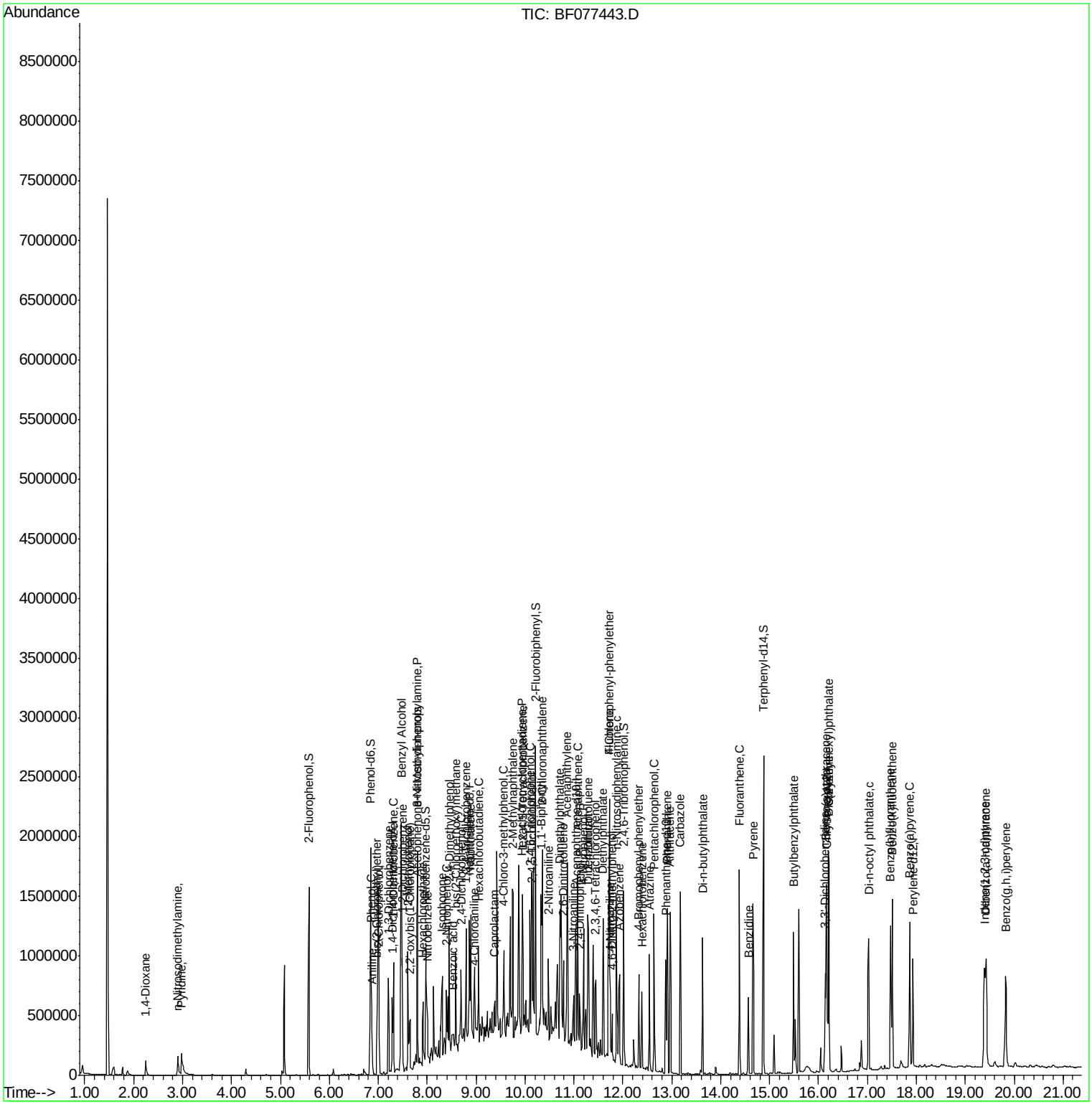
(#) = qualifier out of range (m) = manual integration (+) = signals summed

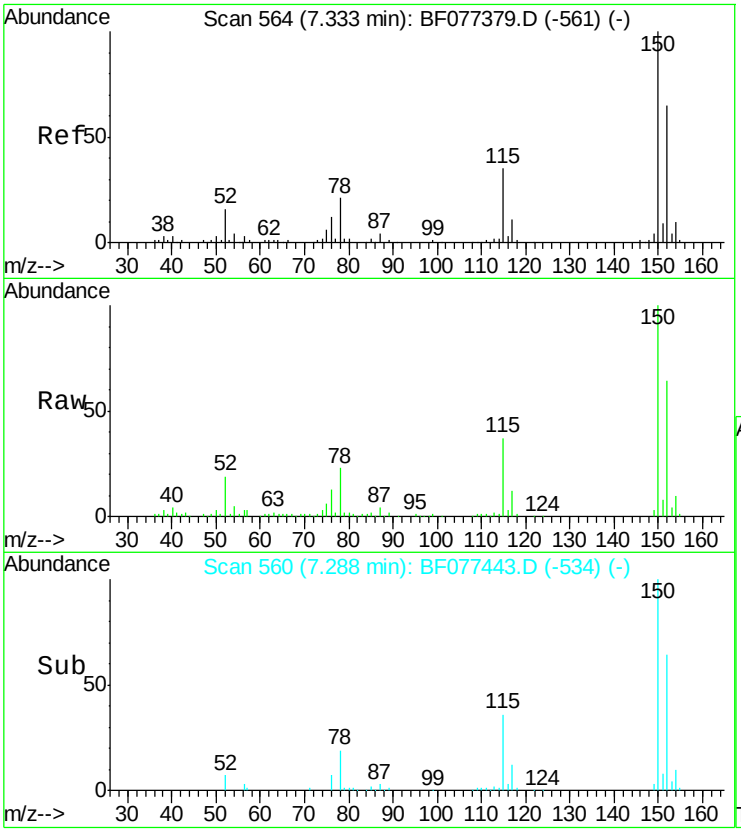
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
Data File : BF077443.D
Acq On : 25 Feb 2015 19:46
Operator : IZ / TP
Sample : G1358-02MS
Misc : S/DOD
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Quant Time: Feb 26 03:39:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 26 03:18:41 2015
Response via : Initial Calibration



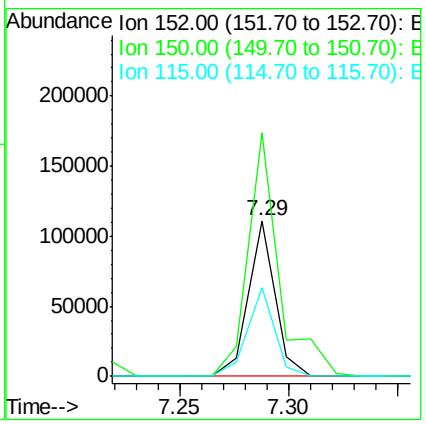


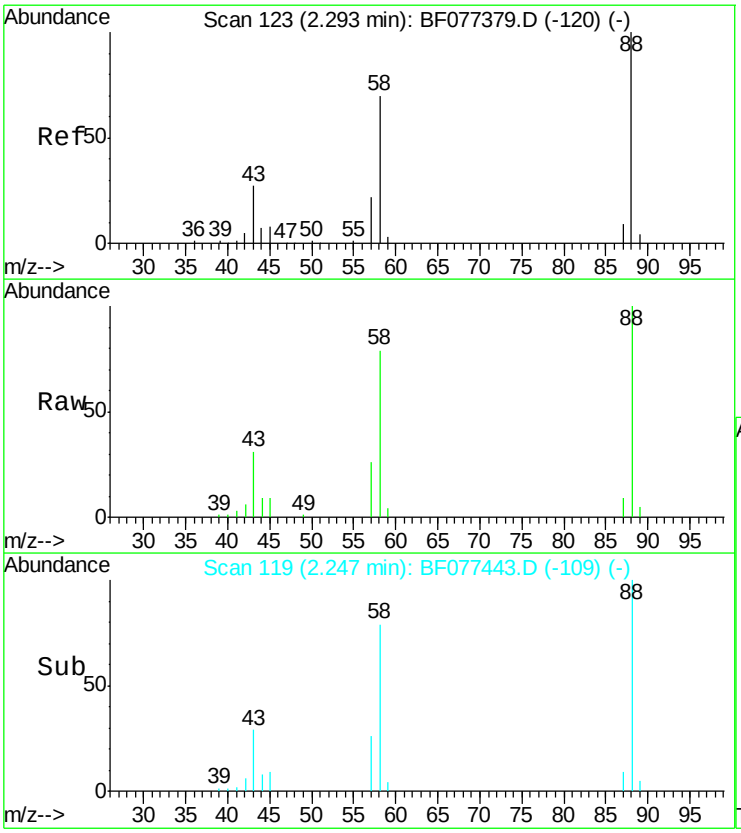

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:152 Resp: 95109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.8 | 124.0 | 186.0 |
| 115 | 57.2 | 49.4 | 74.2 |

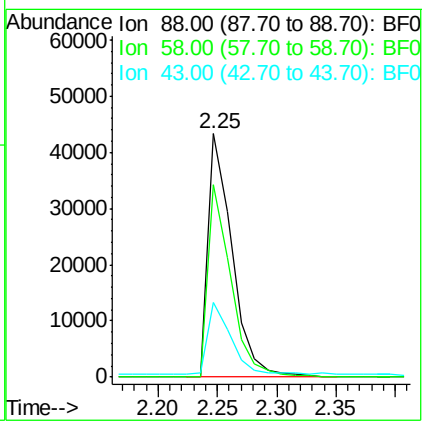


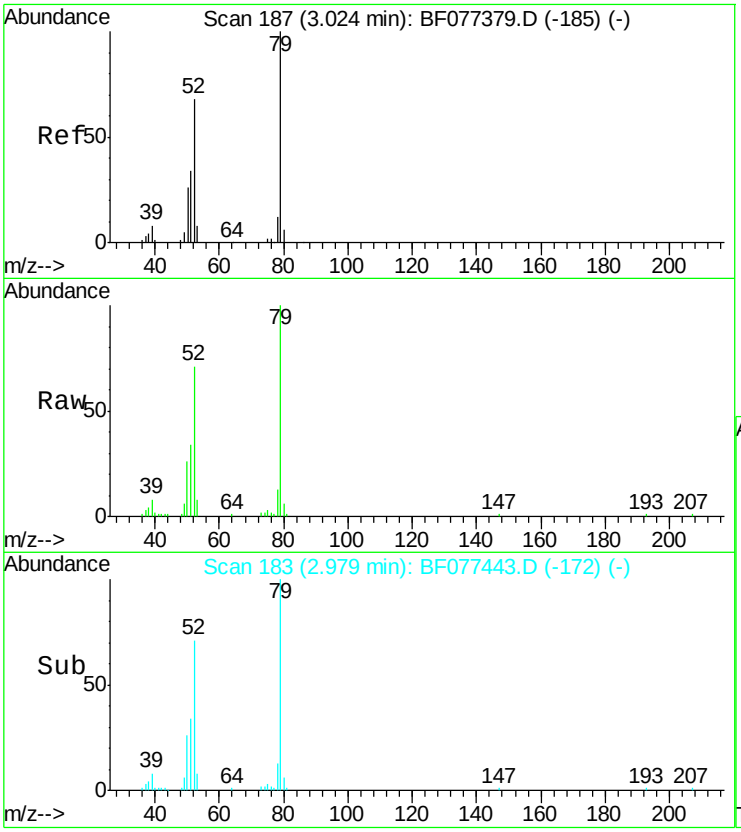




#2
1,4-Dioxane
Concen: 25.15 ng
RT: 2.25 min Scan# 119
Delta R.T. 0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion: 88 Resp: 60794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 75.3 | 62.1 | 93.1 |
| 43 | 29.6 | 24.0 | 36.0 |



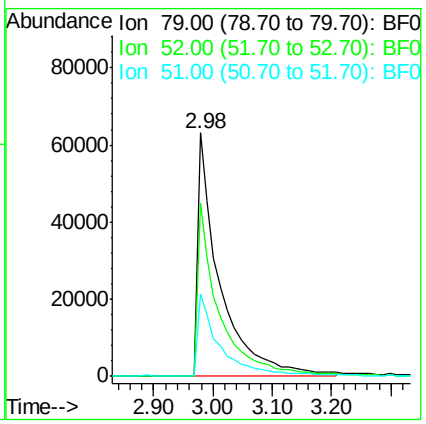


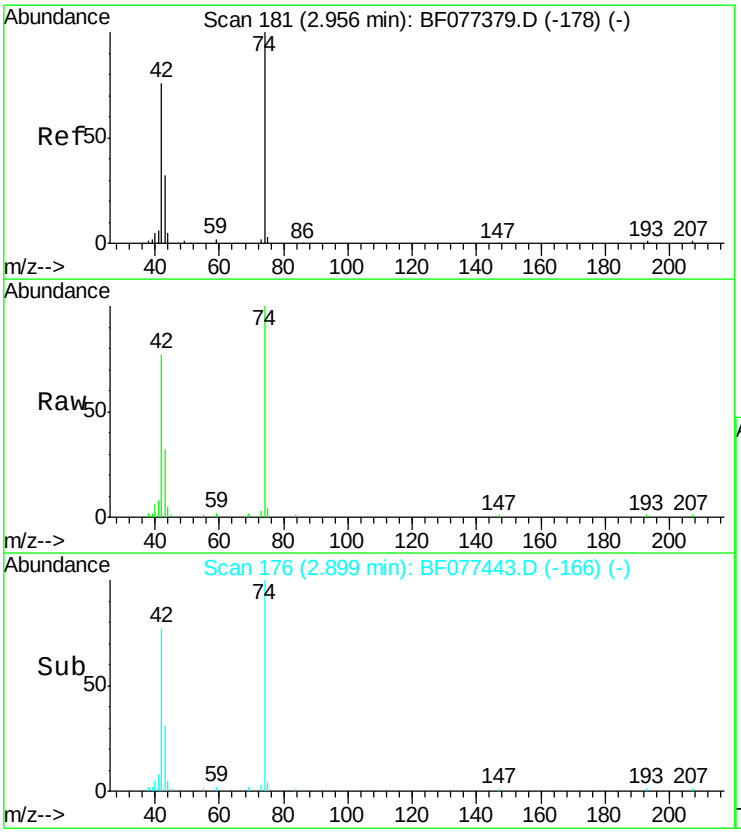

#3
Pyridine
Concen: 23.93 ng
RT: 2.98 min Scan# 183
Delta R.T. 0.02 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion: 79 Resp: 165531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 71.1 | 57.7 | 86.5 |
| 51 | 33.6 | 28.5 | 42.7 |

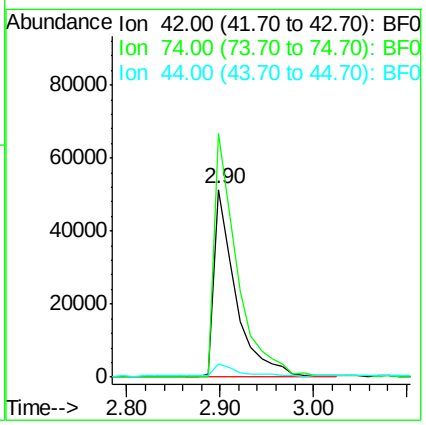


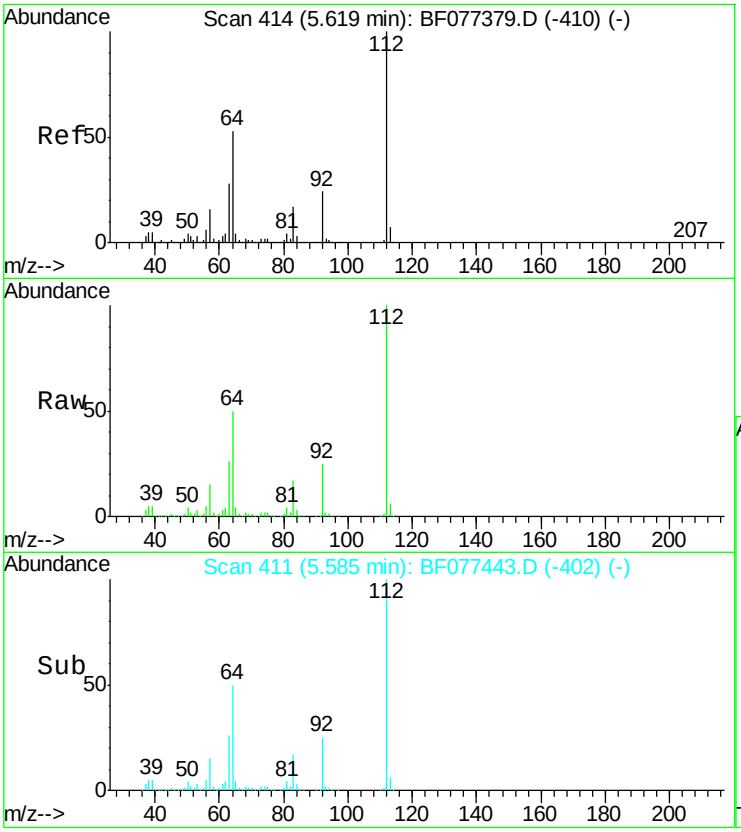




#4
n-Nitrosodimethylamine
Concen: 27.70 ng
RT: 2.90 min Scan# 176
Delta R.T. 0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion: 42 Resp: 83302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 130.0 | 107.1 | 160.7 |
| 44 | 7.1 | 6.7 | 10.1 |



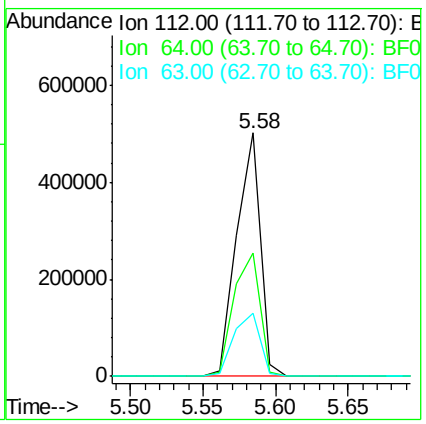


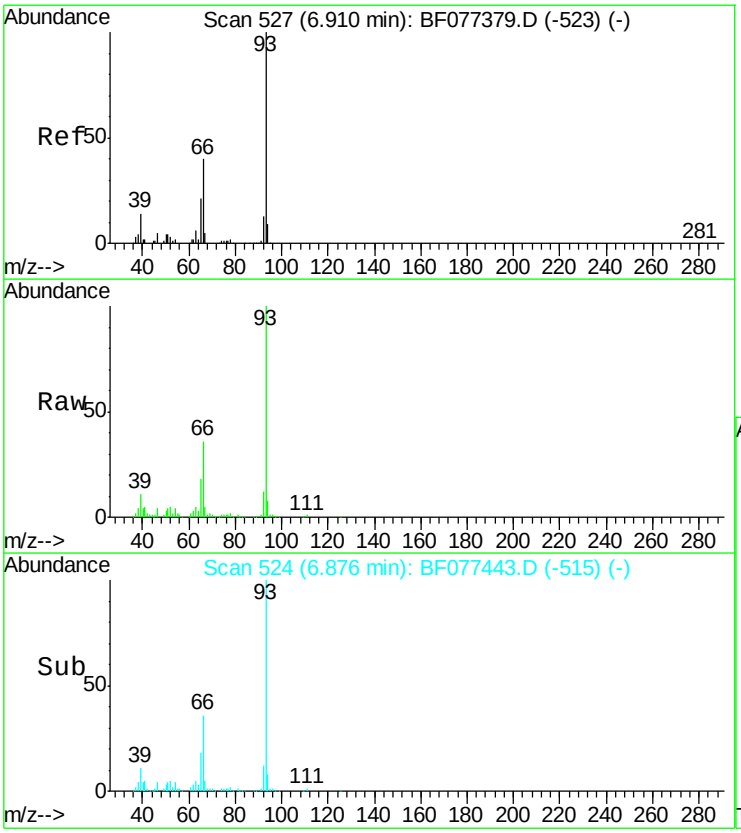

#5
2-Fluorophenol
Concen: 99.93 ng
RT: 5.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:112 Resp: 569321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.5 | 48.5 | 72.7 |
| 63 | 25.7 | 25.0 | 37.4 |

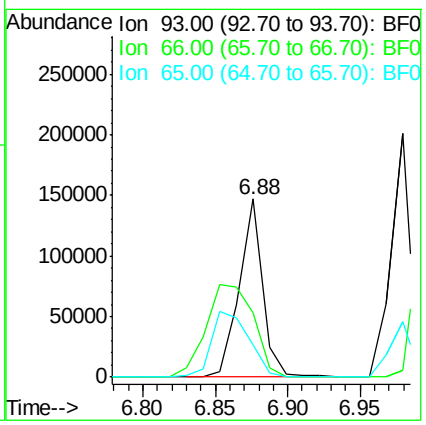


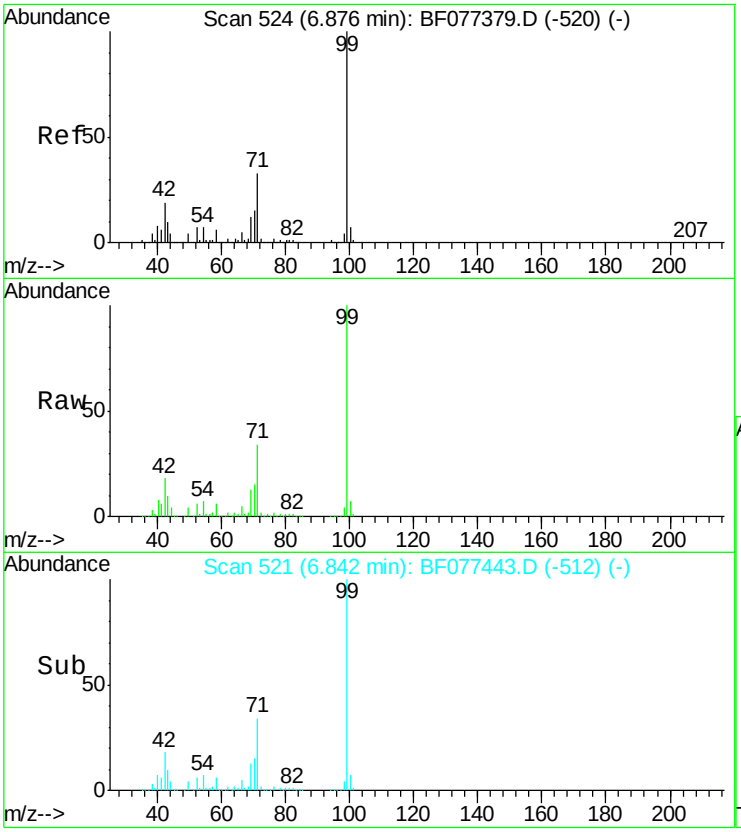




#6
Aniline
Concen: 16.39 ng
RT: 6.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion: 93 Resp: 165919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 35.9 | 29.1 | 43.7 |
| 65 | 18.4 | 14.6 | 22.0 |



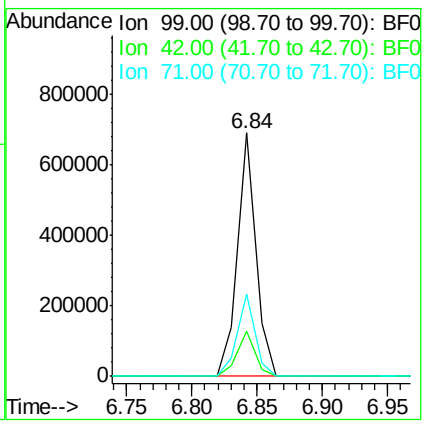


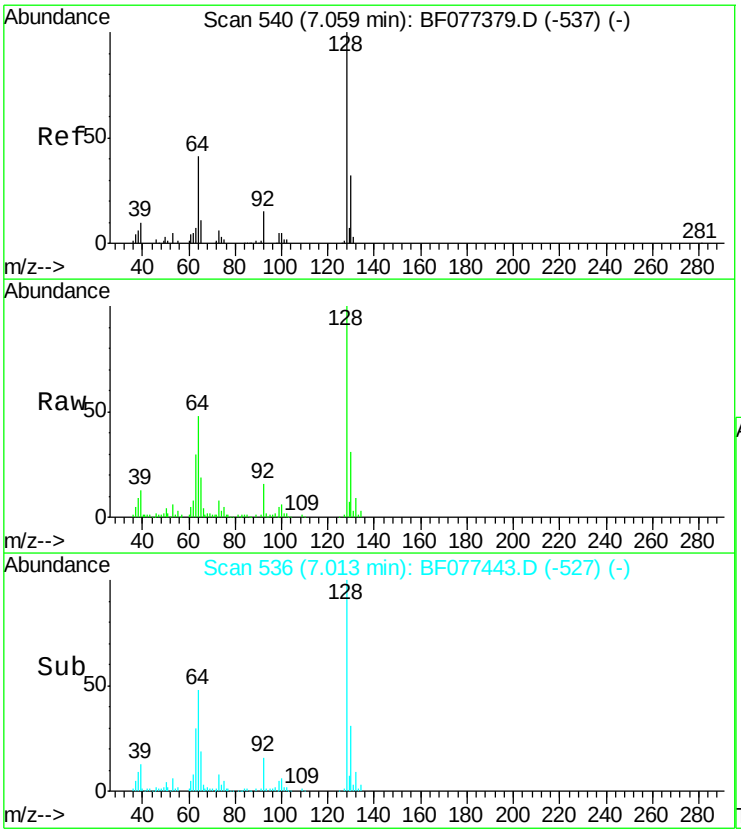

#7
Phenol-d6
Concen: 92.07 ng
RT: 6.84 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion: 99 Resp: 674387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.3 | 16.2 | 24.4 |
| 71 | 33.7 | 26.7 | 40.1 |

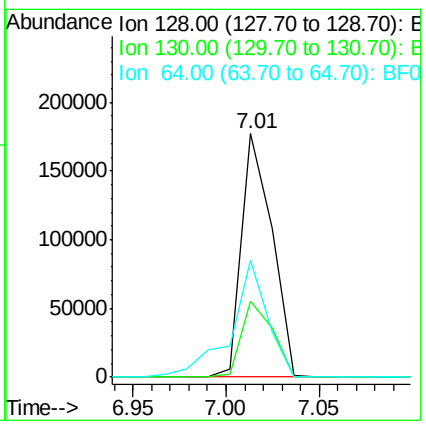


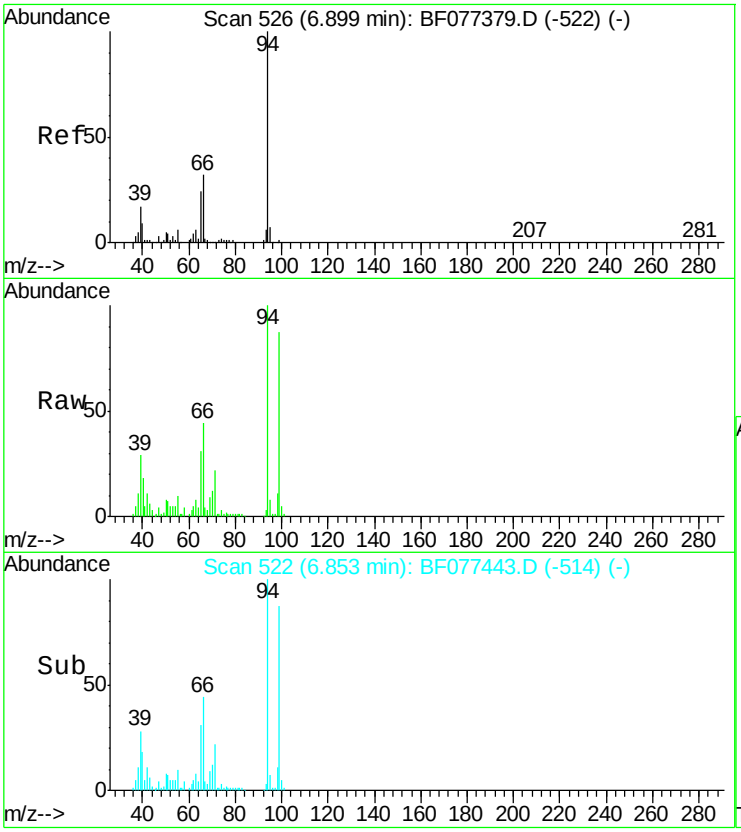




#8
2-Chlorophenol
Concen: 29.90 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:128 Resp: 200920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.4 | 12.0 | 52.0 |
| 64 | 47.9 | 29.2 | 69.2 |



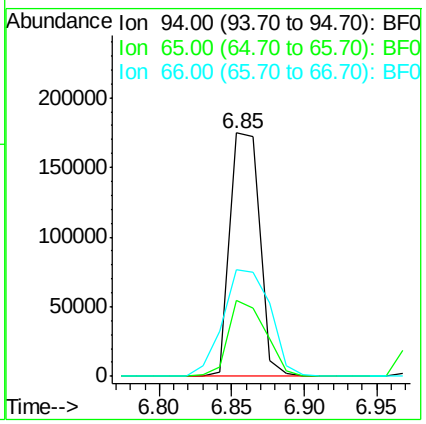


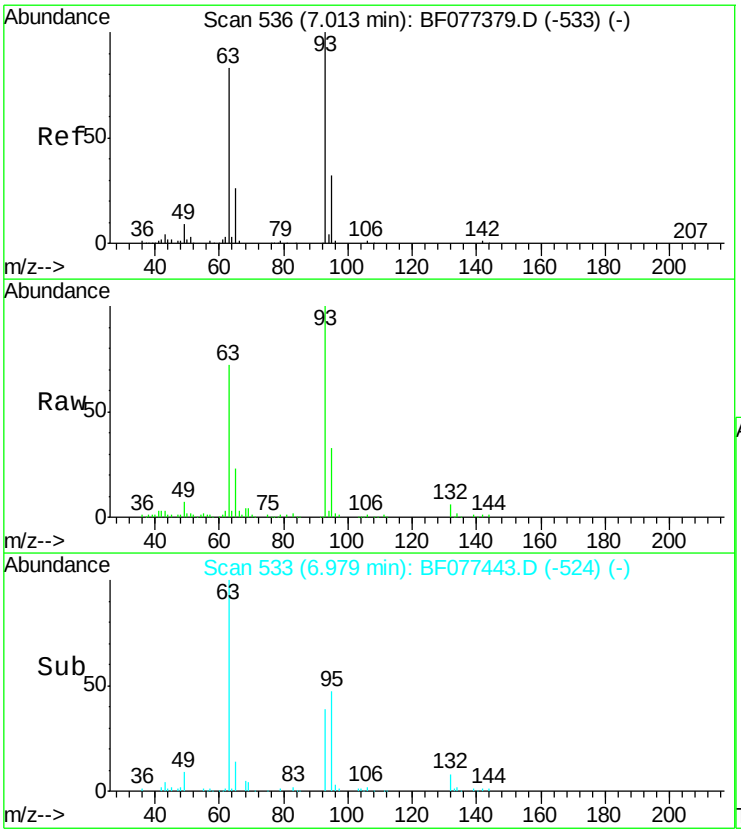

#10
Phenol
Concen:  28.67 ng
RT: 6.85 min  Scan# 522
Delta R.T.  -0.01 min
Lab File:  BF077443.D
Acq: 25 Feb 2015  19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion: 94 Resp:  249156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.2 | 5.7 | 45.7 |
| 66 | 43.9 | 13.6 | 53.6 |

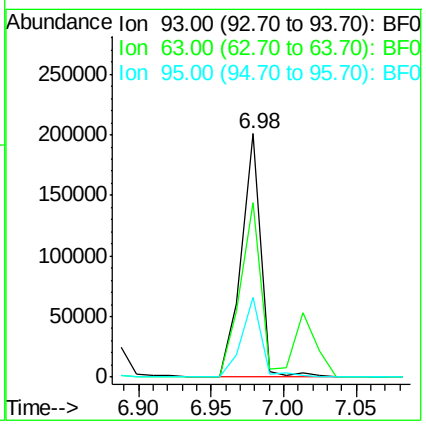


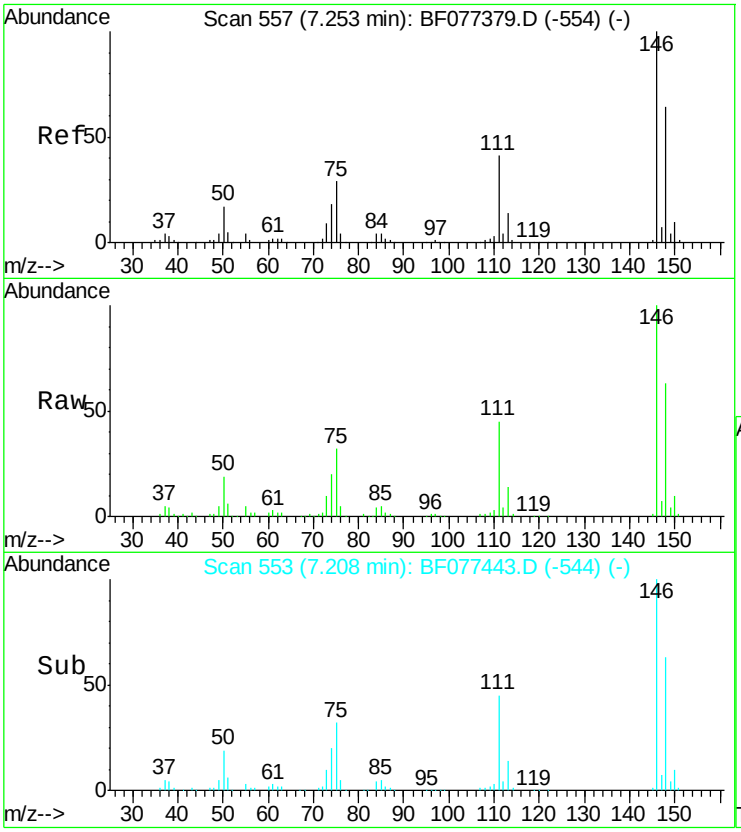




#11
bis(2-Chloroethyl)ether
Concen:  30.15 ng
RT: 6.98 min  Scan# 533
Delta R.T.  0.00 min
Lab File:  BF077443.D
Acq: 25 Feb 2015  19:46

Tgt Ion: 93 Resp:  188301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 71.8 | 48.7 | 88.7 |
| 95 | 32.7 | 13.6 | 53.6 |



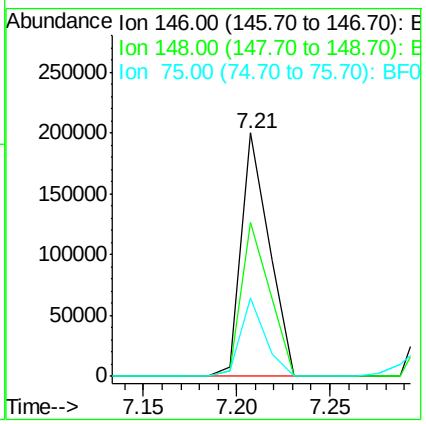


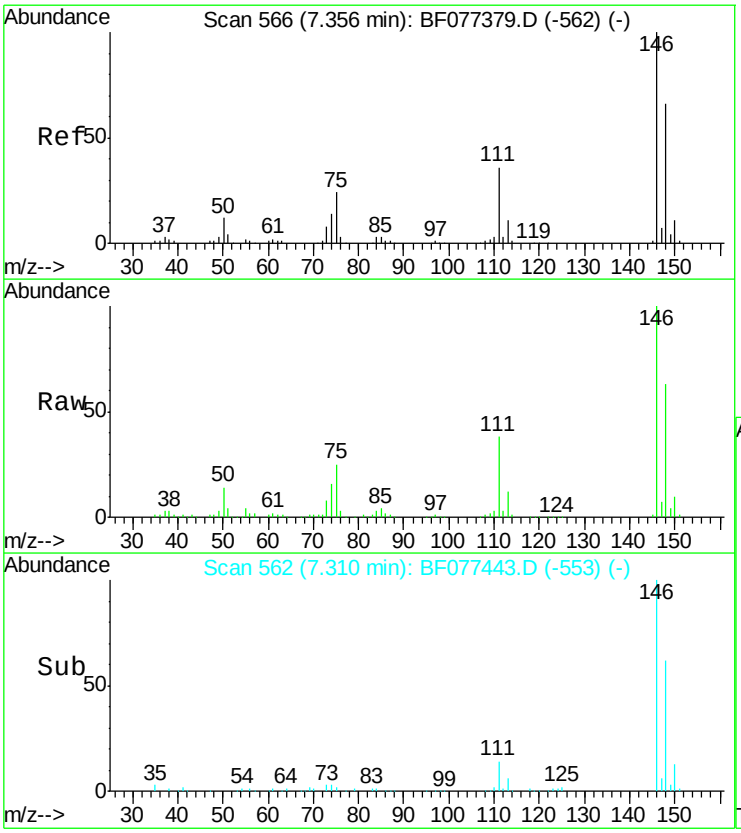

#12
1,3-Dichlorobenzene
Concen: 28.52 ng
RT: 7.21 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:146 Resp: 208747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 49.8 | 74.8 |
| 75 | 32.2 | 28.2 | 42.4 |

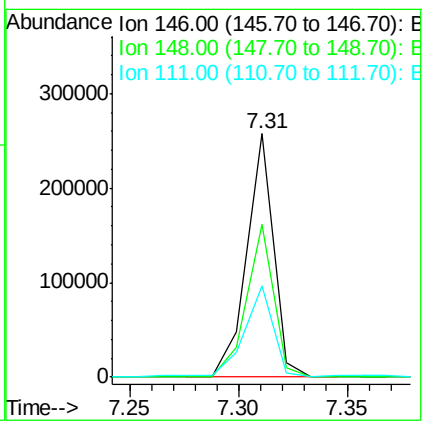


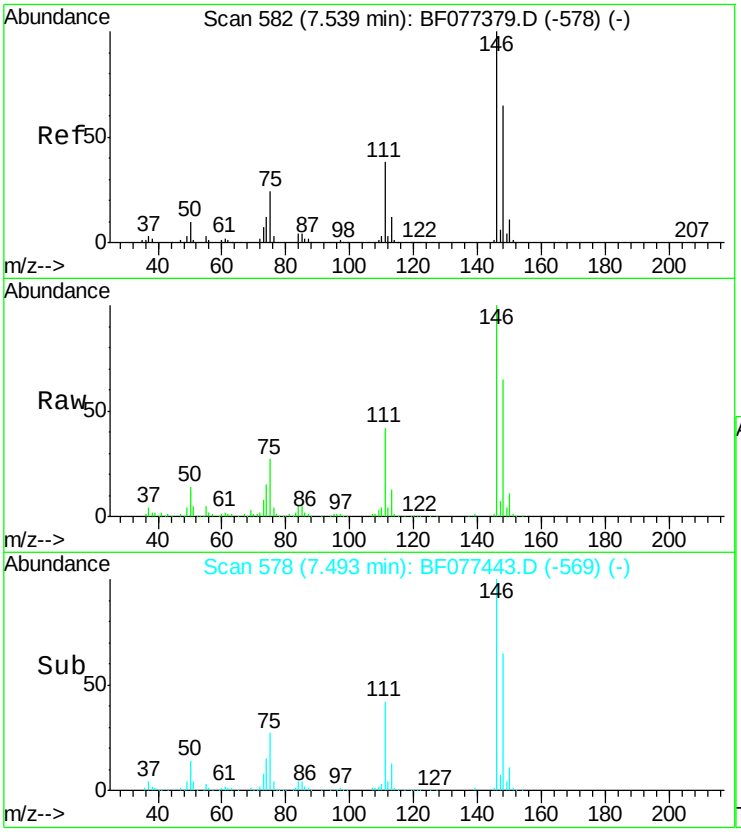




#13
1,4-Dichlorobenzene
Concen: 29.58 ng
RT: 7.31 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:146 Resp: 220214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 52.0 | 78.0 |
| 111 | 37.7 | 31.9 | 47.9 |



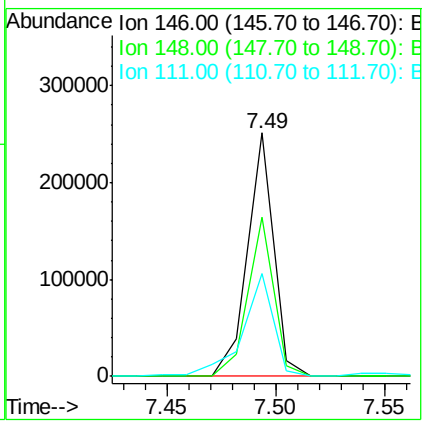


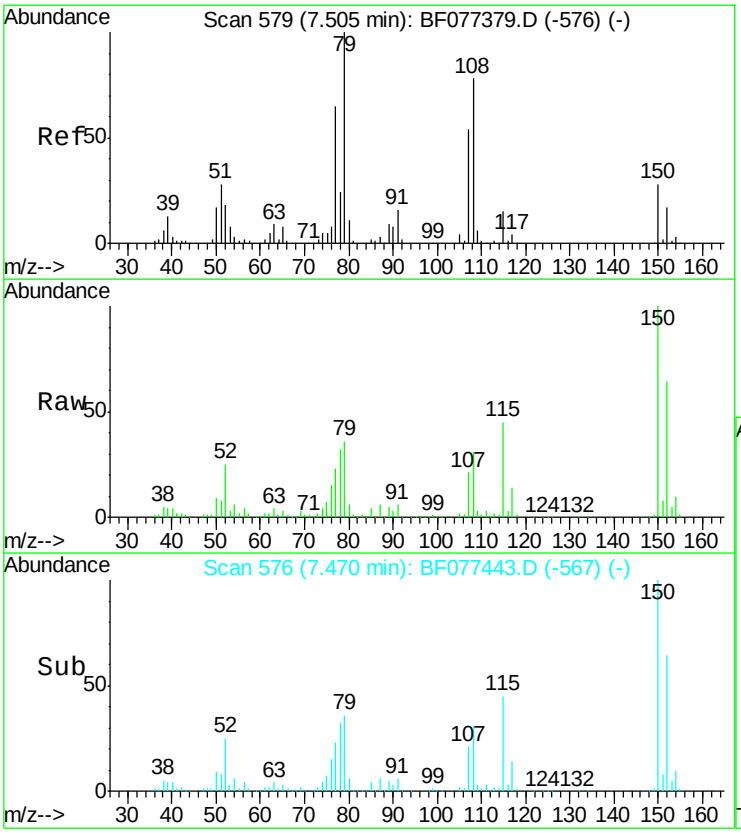

#14
1,2-Dichlorobenzene
Concen: 29.71 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:146 Resp: 210408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 51.6 | 77.4 |
| 111 | 42.4 | 34.2 | 51.2 |

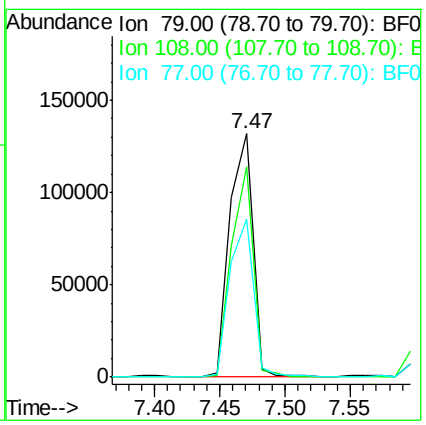


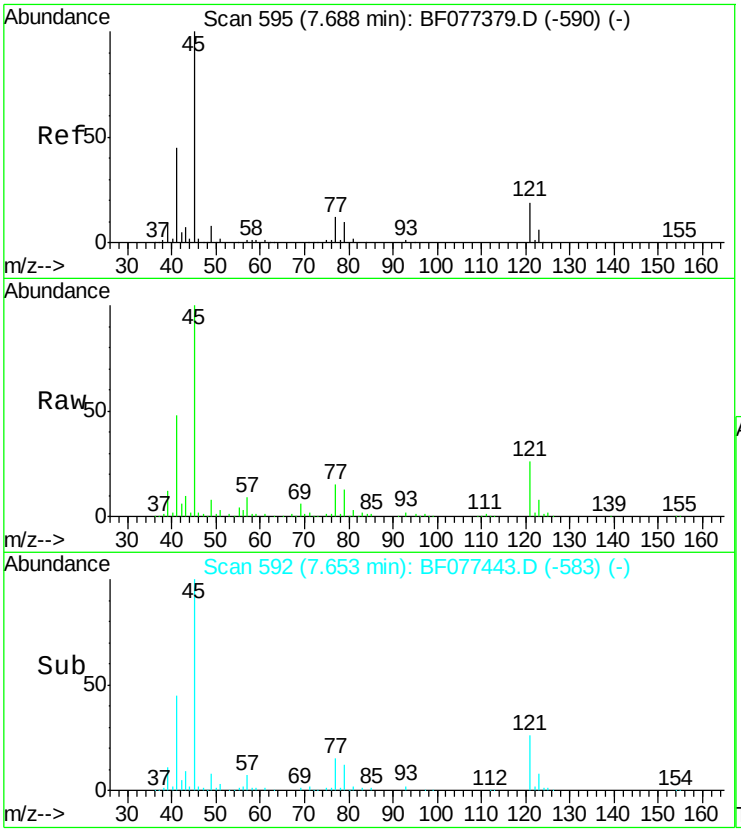




#15
Benzyl Alcohol
Concen: 29.19 ng
RT: 7.47 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion: 79 Resp: 162549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 86.6 | 58.3 | 87.5 |
| 77 | 64.6 | 51.3 | 76.9 |



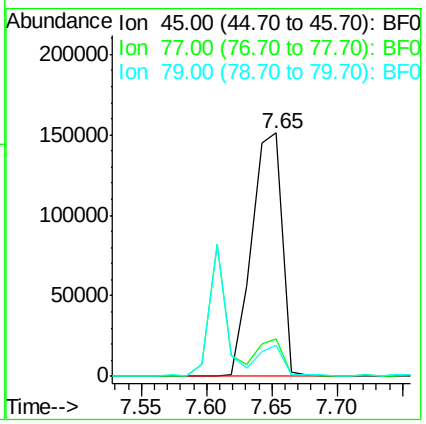


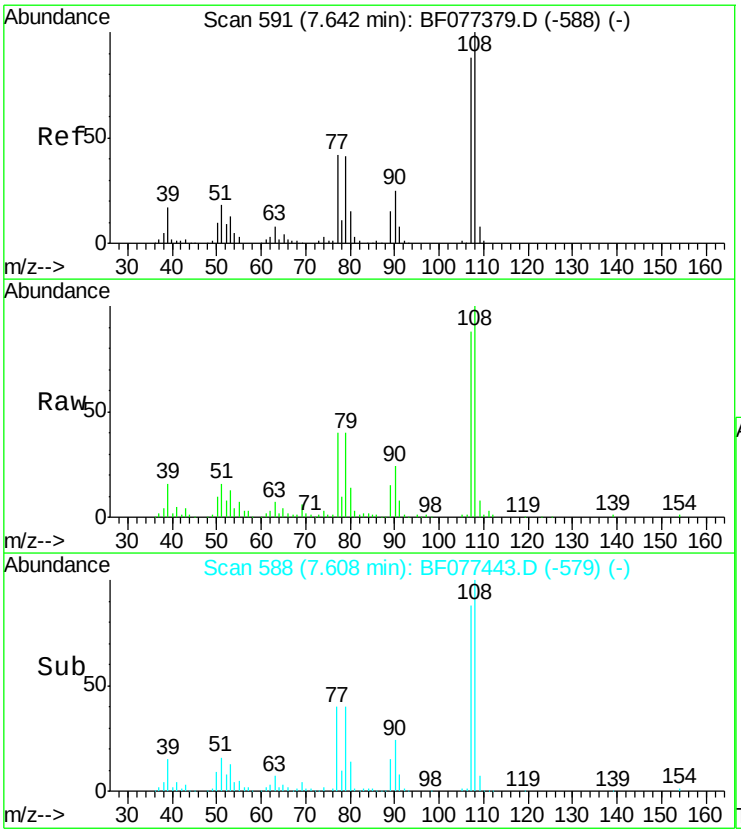

#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.45 ng
RT: 7.65 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion: 45 Resp: 245103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.3 | 0.0 | 34.6 |
| 79 | 12.8 | 0.0 | 31.5 |

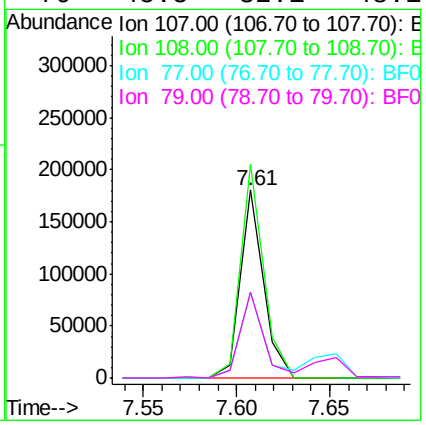


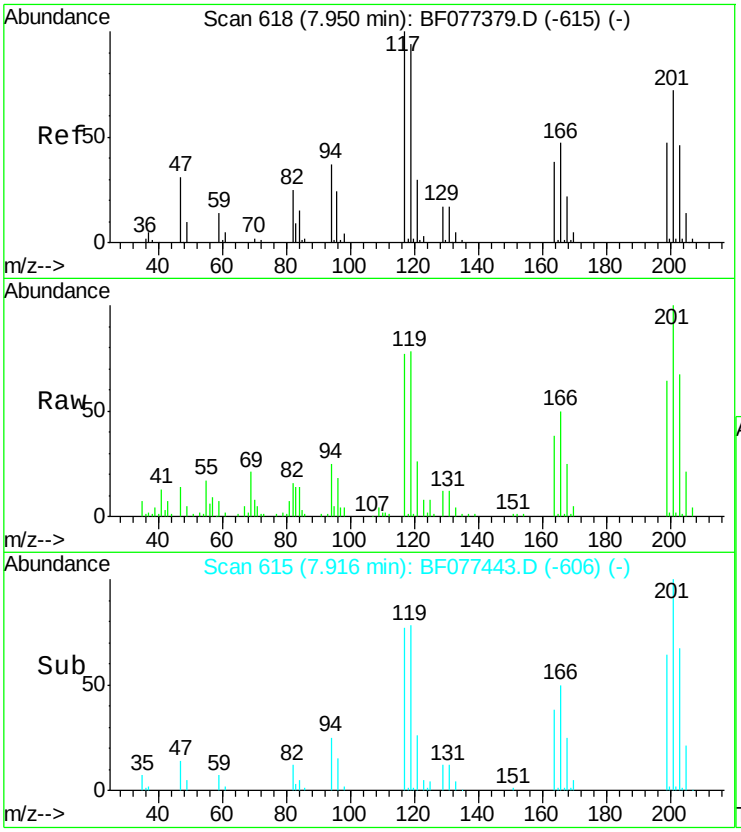




#17
2-Methylphenol
Concen: 29.76 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:107 Resp: 156307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.6 | 91.2 | 136.8 |
| 77 | 45.5 | 33.6 | 50.4 |
| 79 | 45.5 | 32.1 | 48.1 |



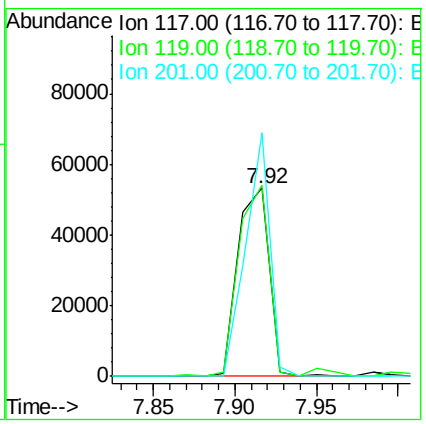


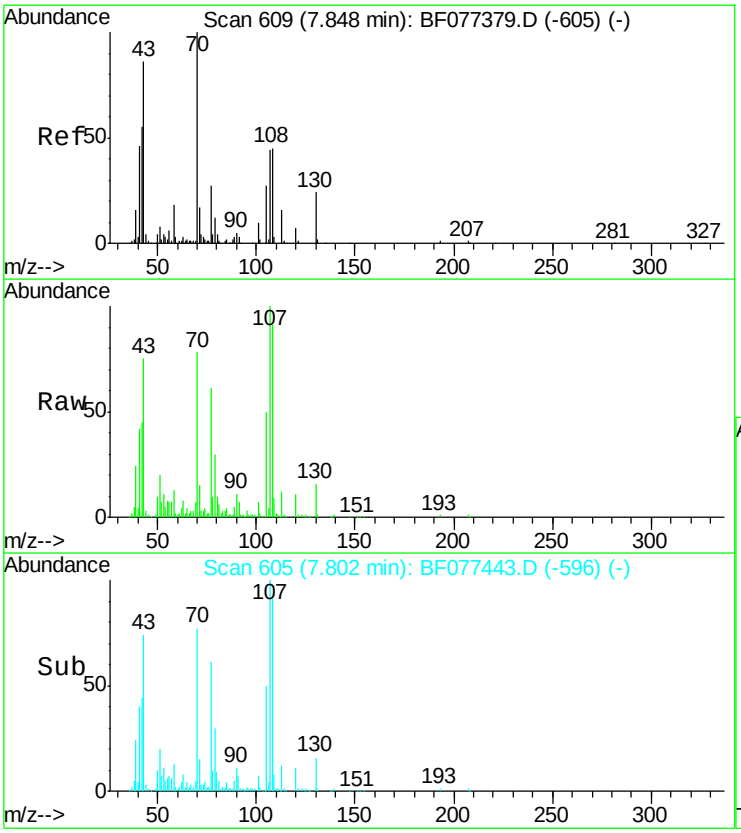

#18
Hexachloroethane
Concen: 28.21 ng
RT: 7.92 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:117 Resp: 70159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 101.5 | 77.8 | 116.8 |
| 201 | 129.4 | 90.6 | 136.0 |

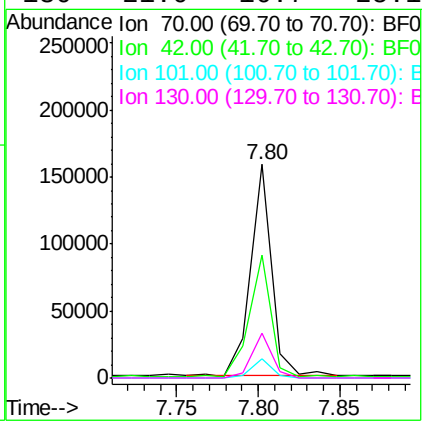


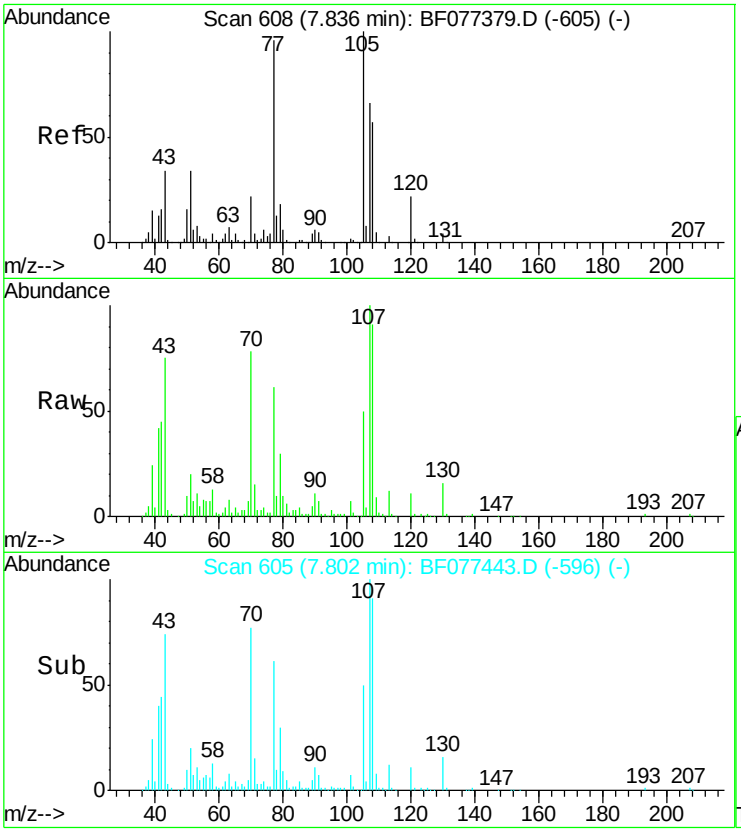




#19
n-Nitroso-di-n-propylamine
Concen: 30.63 ng
RT: 7.80 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion: 70 Resp: 142484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.4 | 48.3 | 72.5 |
| 101 | 9.0 | 7.5 | 11.3 |
| 130 | 21.0 | 16.7 | 25.1 |



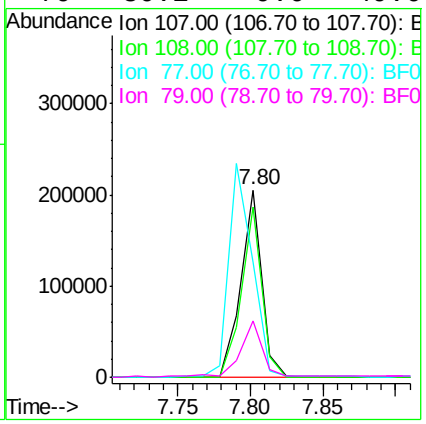


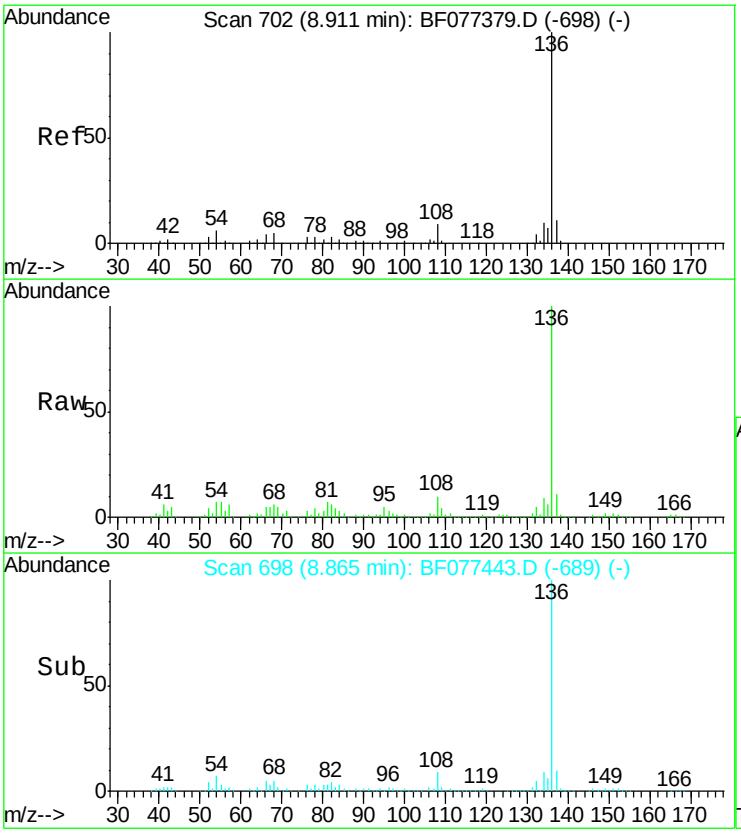

#20
3+4-Methylphenols
Concen: 29.61 ng
RT: 7.80 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:107 Resp: 204894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.7 | 76.8 | 116.8 |
| 77 | 61.3 | 65.8 | 105.8# |
| 79 | 30.1 | 9.6 | 49.6 |

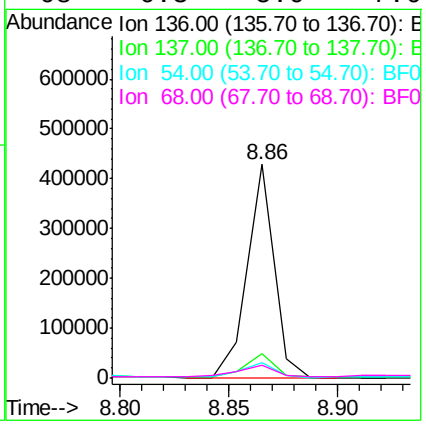


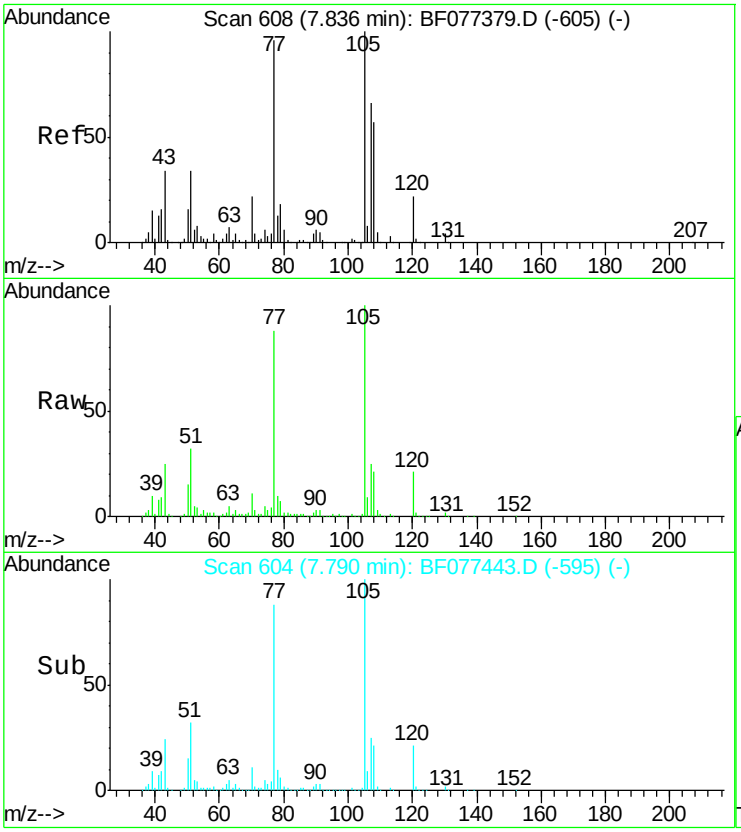




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:136 Resp: 369556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.6 | 13.0 |
| 54 | 7.4 | 6.2 | 9.4 |
| 68 | 6.3 | 5.0 | 7.6 |



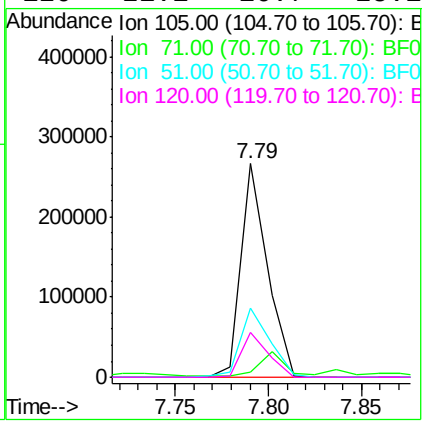


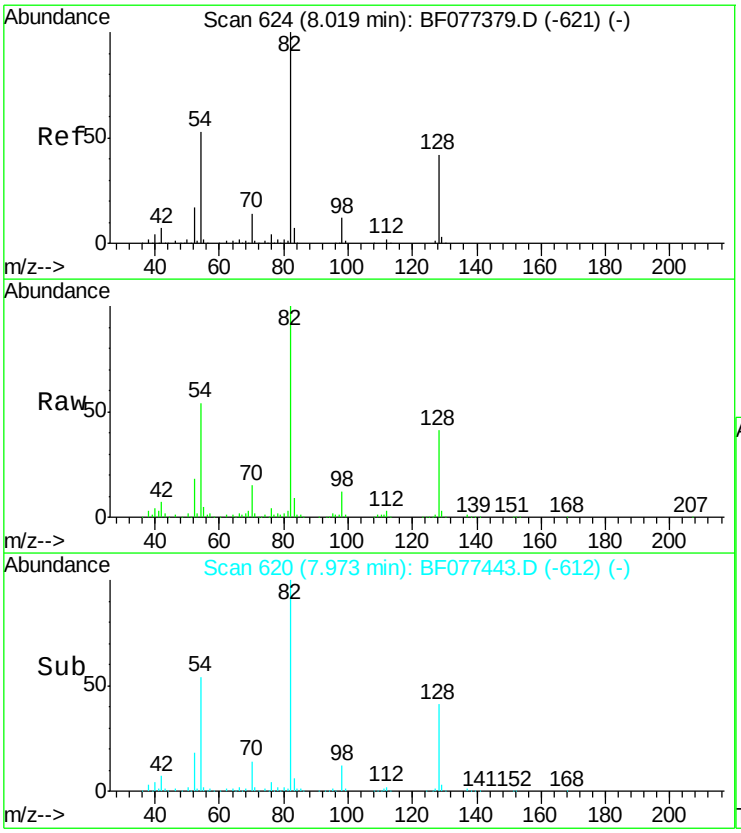

#22
Acetophenone
Concen:  30.16 ng
RT: 7.79 min  Scan# 604
Delta R.T.  0.00 min
Lab File:  BF077443.D
Acq: 25 Feb 2015  19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:105 Resp:  262217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.7 | 1.7 | 2.5# |
| 51 | 32.4 | 30.7 | 46.1 |
| 120 | 21.1 | 16.7 | 25.1 |

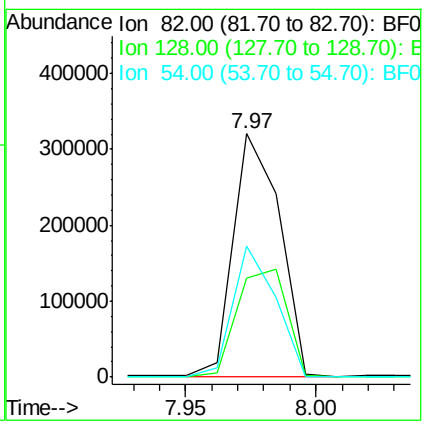


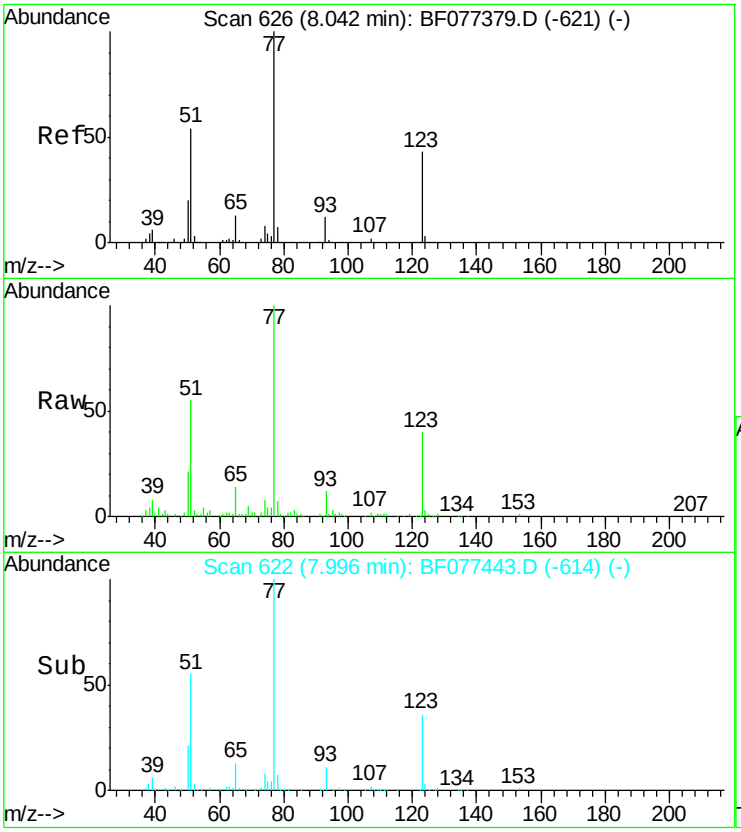




#23
Nitrobenzene-d5
Concen:  67.04 ng
RT: 7.97 min  Scan# 620
Delta R.T.  -0.01 min
Lab File:  BF077443.D
Acq: 25 Feb 2015  19:46

Tgt Ion: 82 Resp:  398379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.8 | 43.8 | 65.8# |
| 54 | 53.6 | 36.7 | 55.1 |



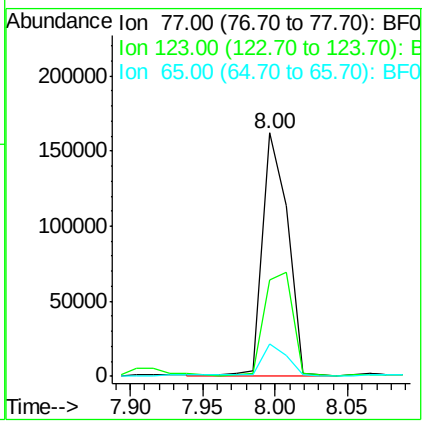


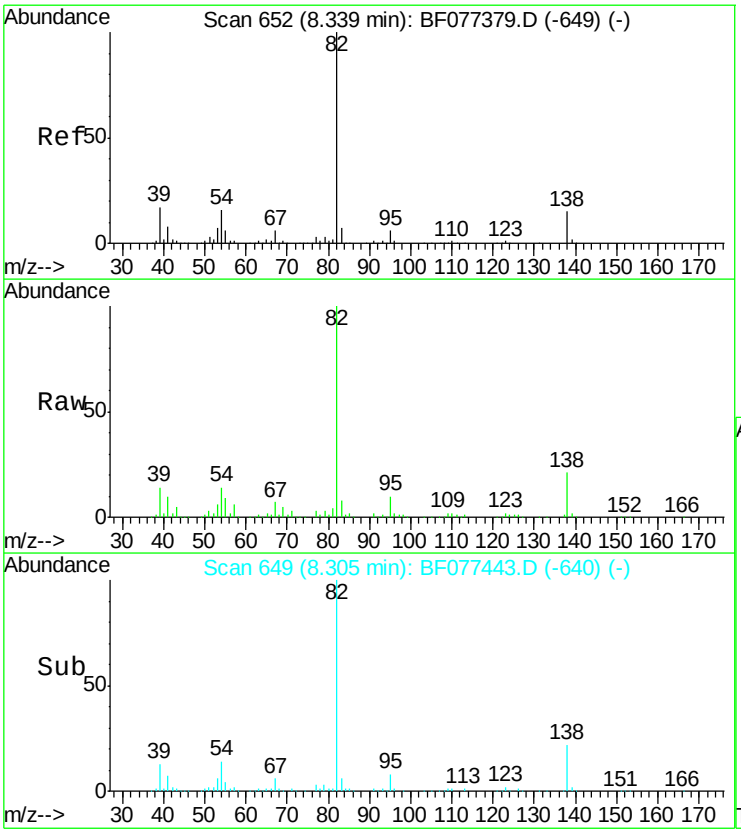

#24
Nitrobenzene
Concen: 30.84 ng
RT: 8.00 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion: 77 Resp: 192836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 39.7 | 45.9 | 68.9# |
| 65 | 13.5 | 9.5 | 14.3 |

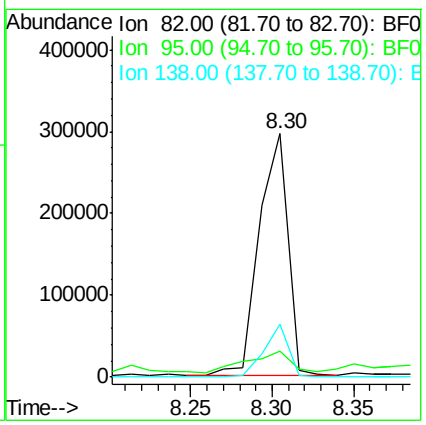


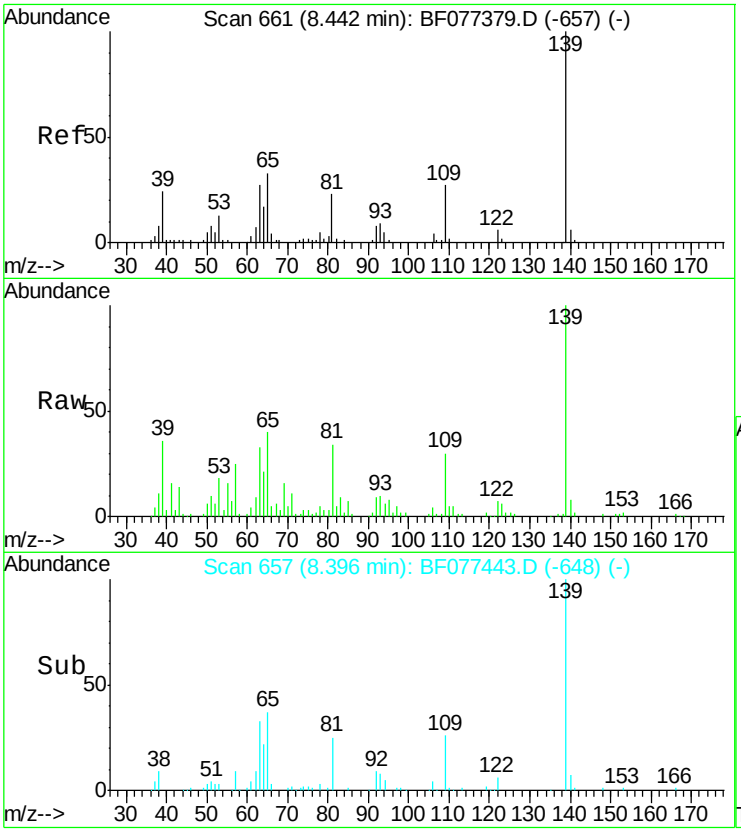




#25
Isophorone
Concen: 30.41 ng
RT: 8.30 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion: 82 Resp: 358597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 10.5 | 5.4 | 8.2# |
| 138 | 21.5 | 16.3 | 24.5 |



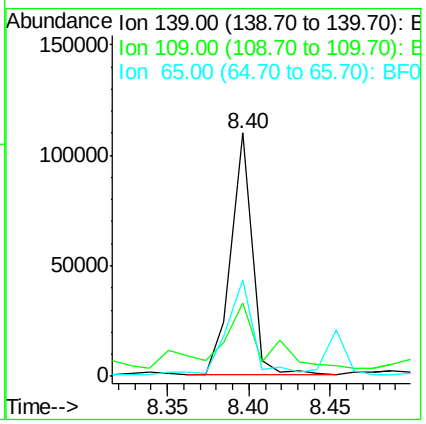


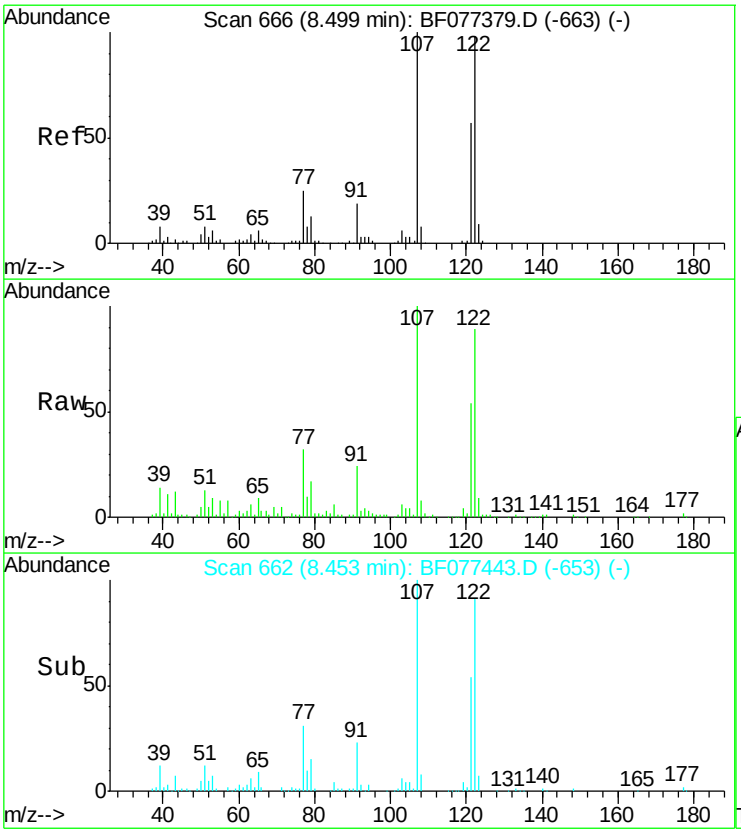

#26
2-Nitrophenol
Concen: 38.58 ng
RT: 8.40 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:139 Resp: 98871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.1 | 22.6 | 34.0 |
| 65 | 39.8 | 36.4 | 54.6 |

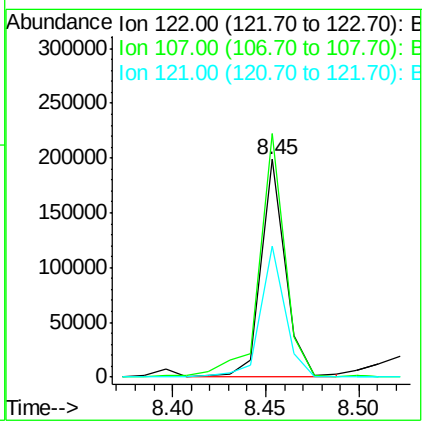


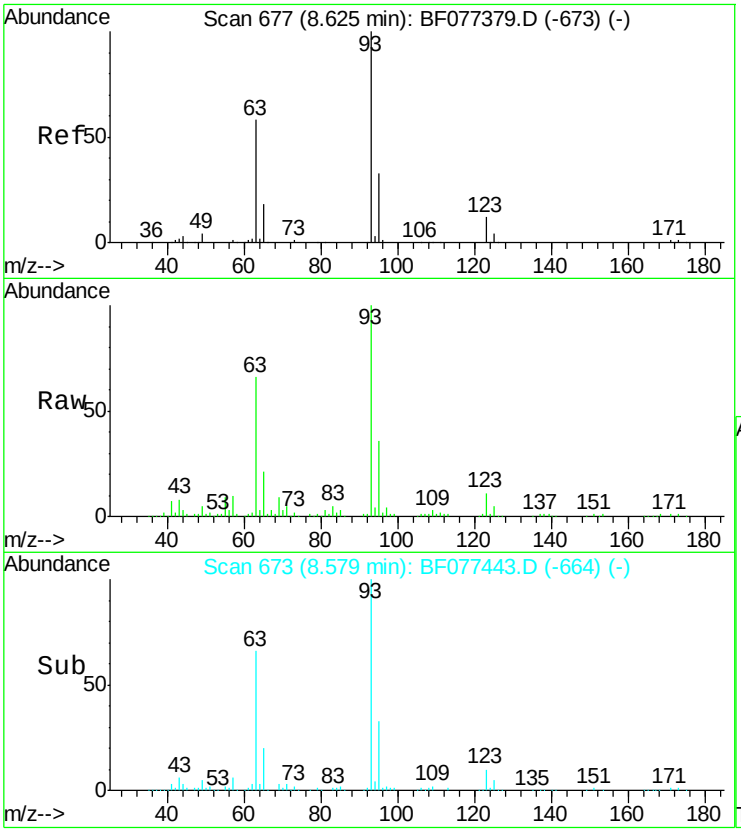




#27
2,4-Dimethylphenol
Concen: 30.27 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:122 Resp: 173575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 112.0 | 86.6 | 130.0 |
| 121 | 59.9 | 47.4 | 71.0 |



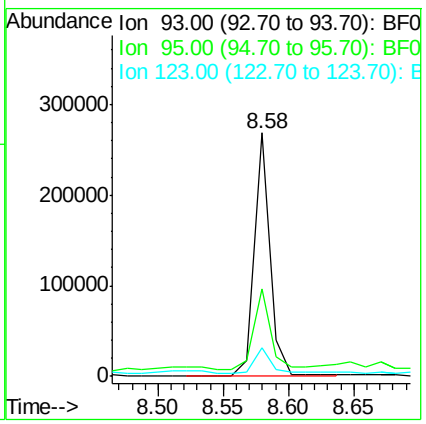


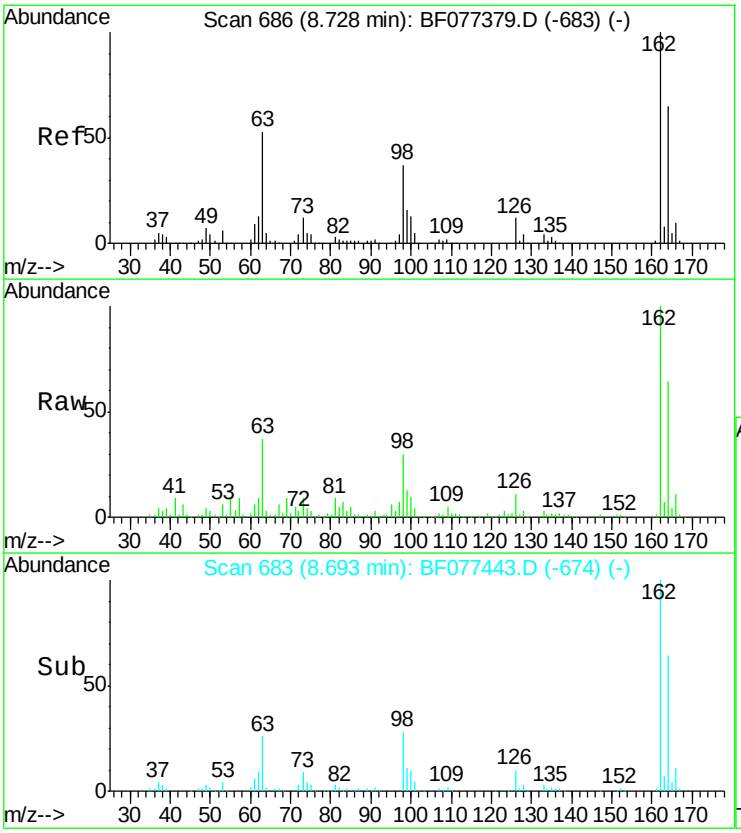

#28
bis(2-Chloroethoxy)methane
Concen: 30.20 ng
RT: 8.58 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion: 93 Resp: 224903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 36.1 | 26.4 | 39.6 |
| 123 | 11.5 | 8.7 | 13.1 |

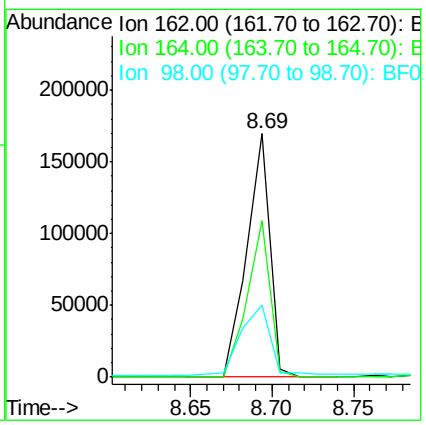


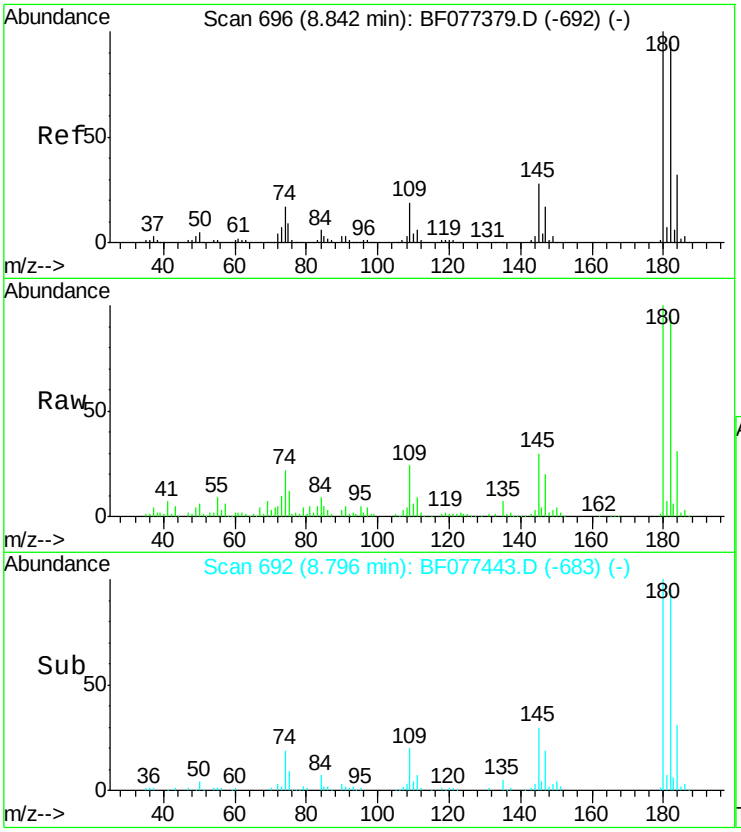




#29
2,4-Dichlorophenol
Concen: 31.07 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:162 Resp: 167196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.3 | 46.4 | 86.4 |
| 98 | 29.6 | 6.9 | 46.9 |



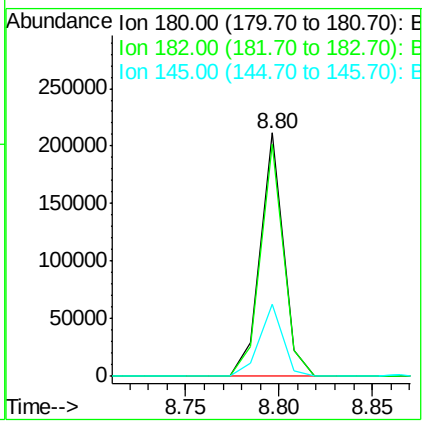


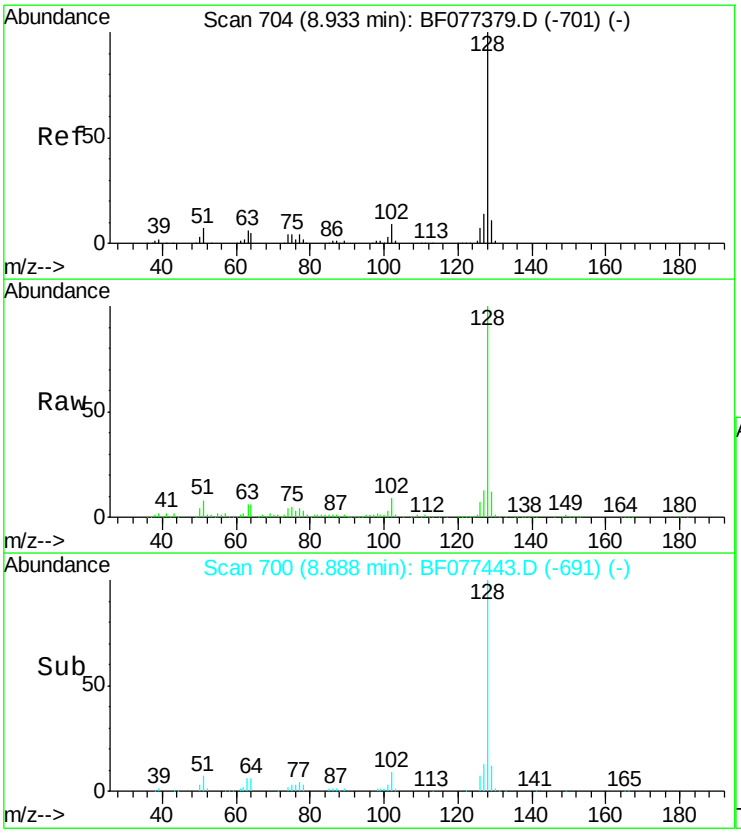

#30
1,2,4-Trichlorobenzene
Concen: 30.56 ng
RT: 8.80 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:180 Resp: 180797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.4 | 76.2 | 114.4 |
| 145 | 29.8 | 24.5 | 36.7 |

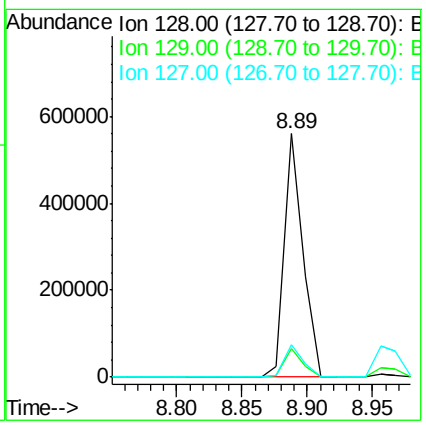


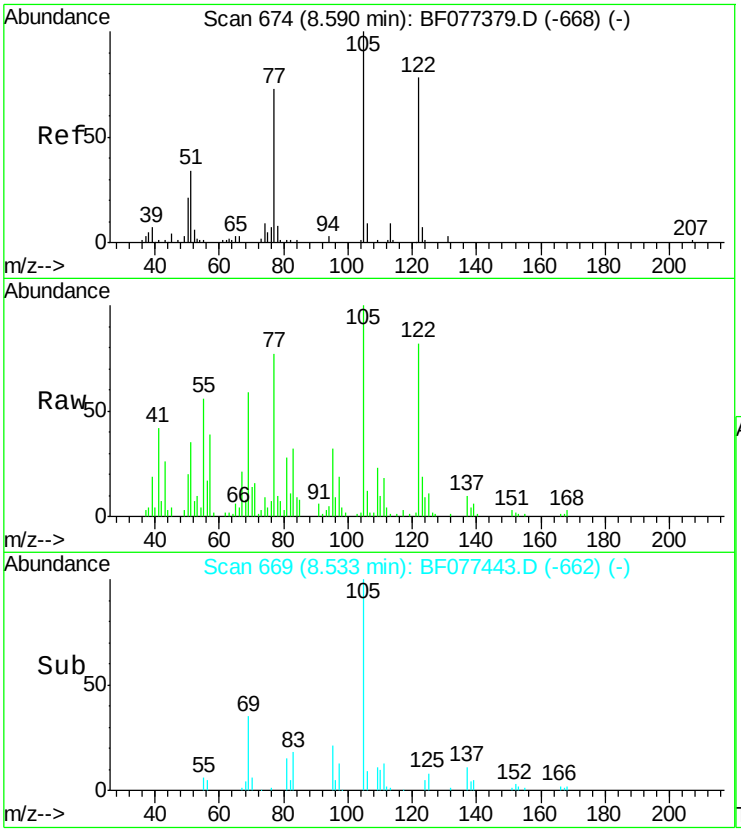




#31
Naphthalene
Concen: 30.51 ng
RT: 8.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:128 Resp: 563821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.4 | 14.0 |
| 127 | 13.3 | 10.6 | 15.8 |



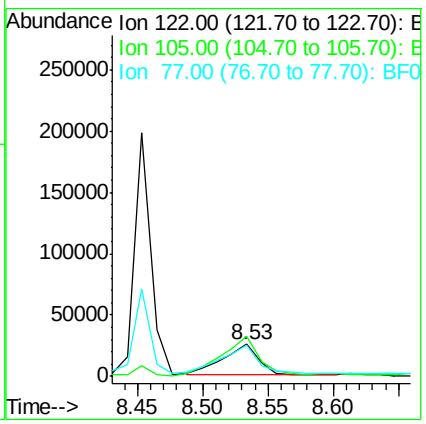


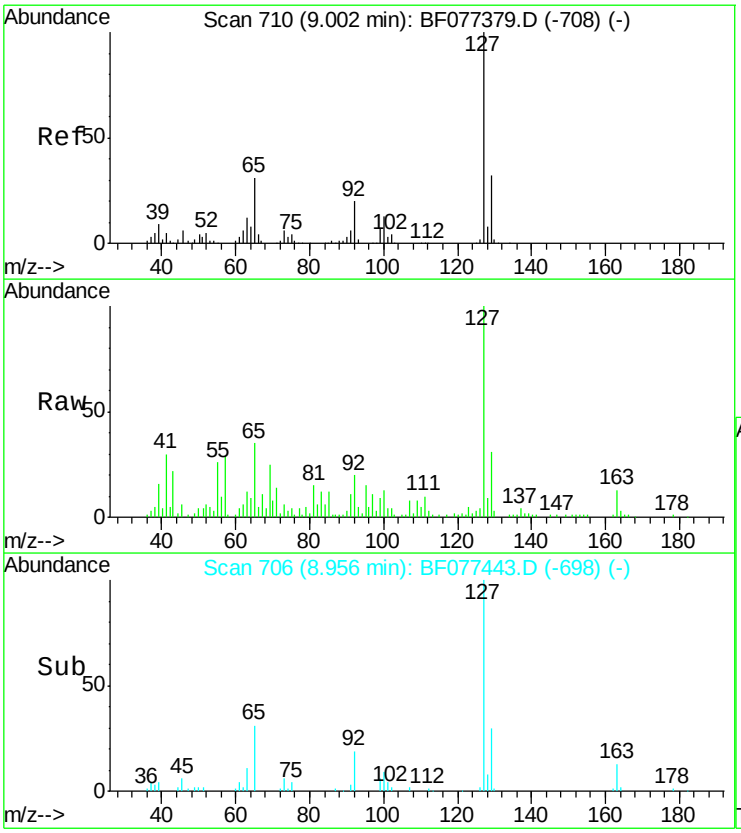

#32
Benzoic acid
Concen:  17.60 ng
RT: 8.53 min  Scan# 669
Delta R.T.  -0.02 min
Lab File:  BF077443.D
Acq: 25 Feb 2015  19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:122 Resp:  49047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.7 | 100.3 | 140.3 |
| 77 | 95.0 | 68.7 | 108.7 |

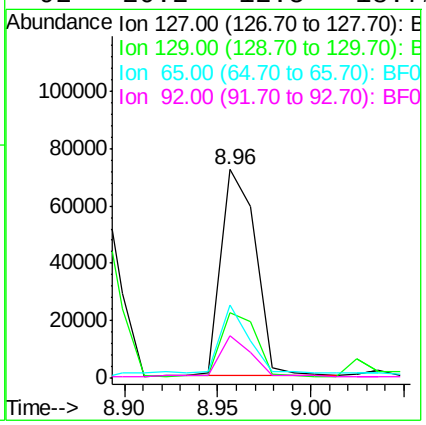


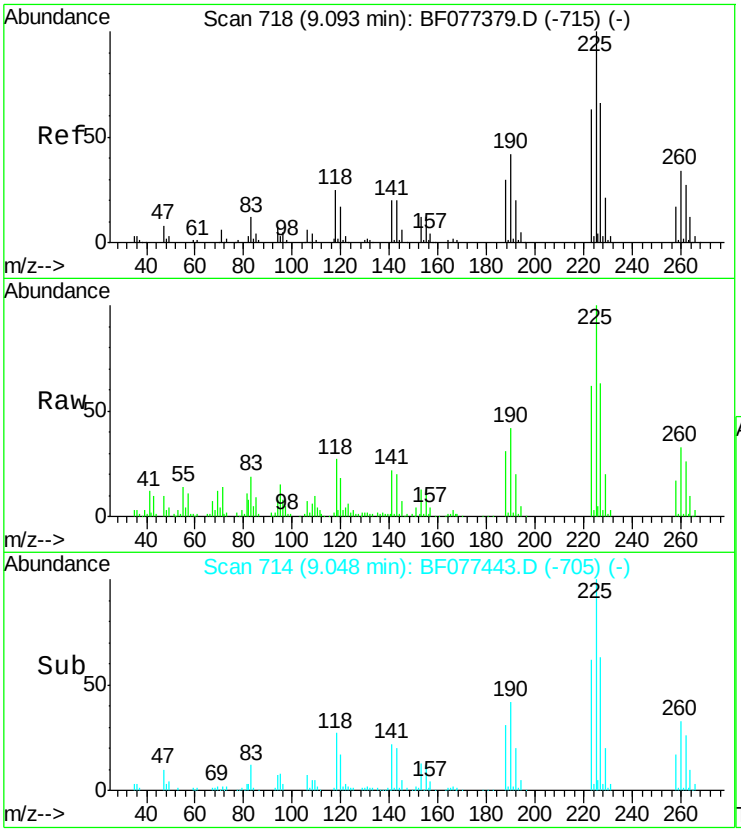




#33
4-Chloroaniline
Concen:  11.32 ng
RT: 8.96 min  Scan# 706
Delta R.T.  -0.01 min
Lab File:  BF077443.D
Acq: 25 Feb 2015  19:46

Tgt Ion:127 Resp:  93020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.2 | 26.9 | 40.3 |
| 65 | 35.3 | 16.7 | 25.1# |
| 92 | 20.2 | 12.5 | 18.7# |



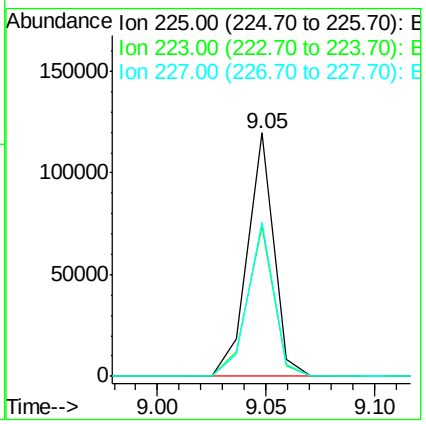


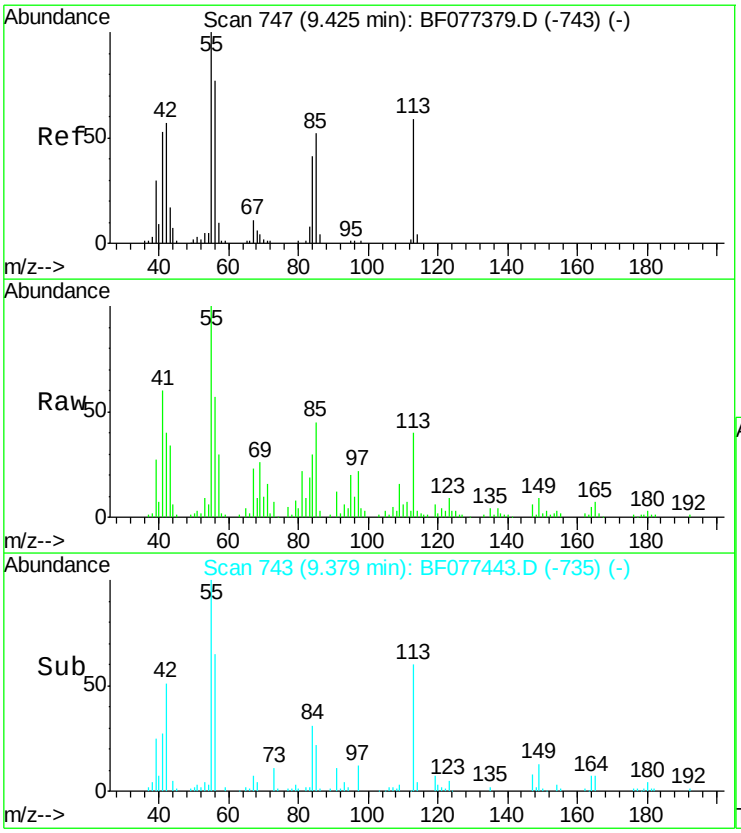

#34
Hexachlorobutadiene
Concen: 29.81 ng
RT: 9.05 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:225 Resp: 100689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.7 | 49.5 | 74.3 |
| 227 | 63.0 | 50.5 | 75.7 |

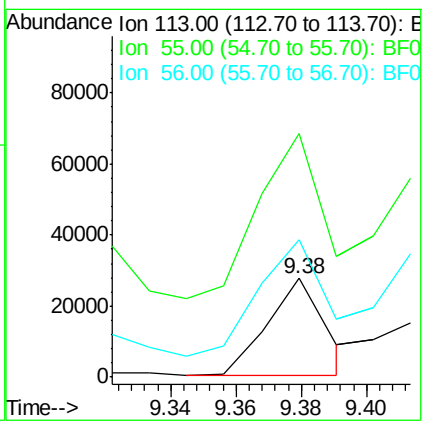


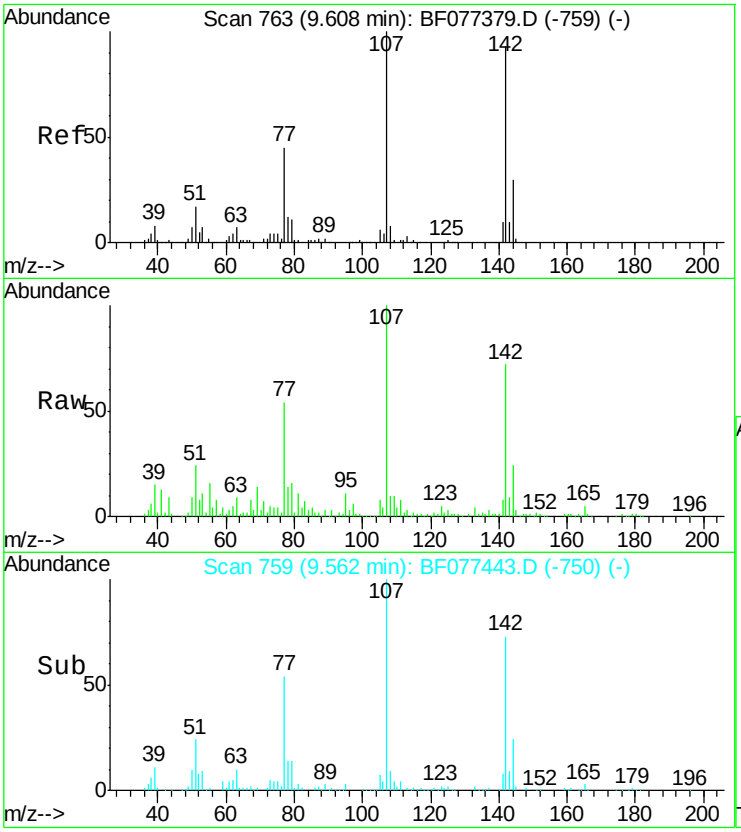




#35
Caprolactam
Concen: 20.17 ng
RT: 9.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:113 Resp: 33141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 247.2 | 154.6 | 194.6# |
| 56 | 139.8 | 114.0 | 154.0 |



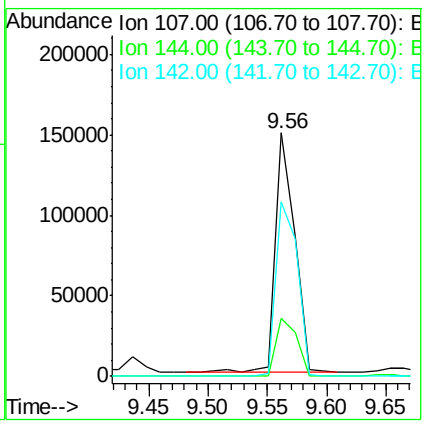


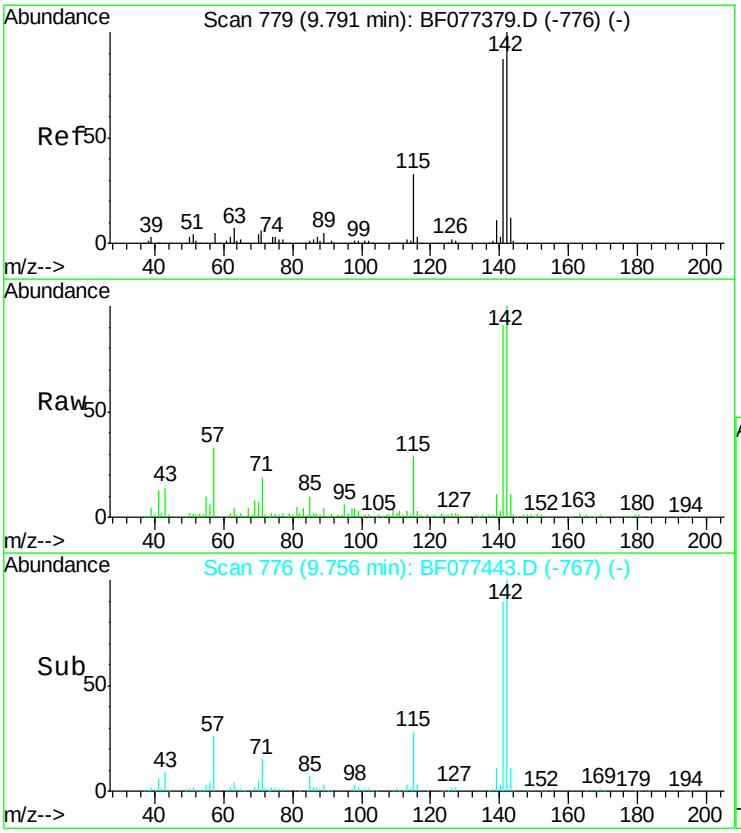

#36
4-Chloro-3-methylphenol
Concen: 31.23 ng
RT: 9.56 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:107 Resp: 168957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.6 | 21.1 | 31.7 |
| 142 | 71.8 | 65.3 | 97.9 |

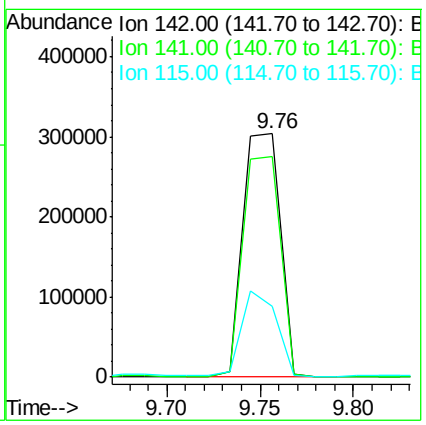


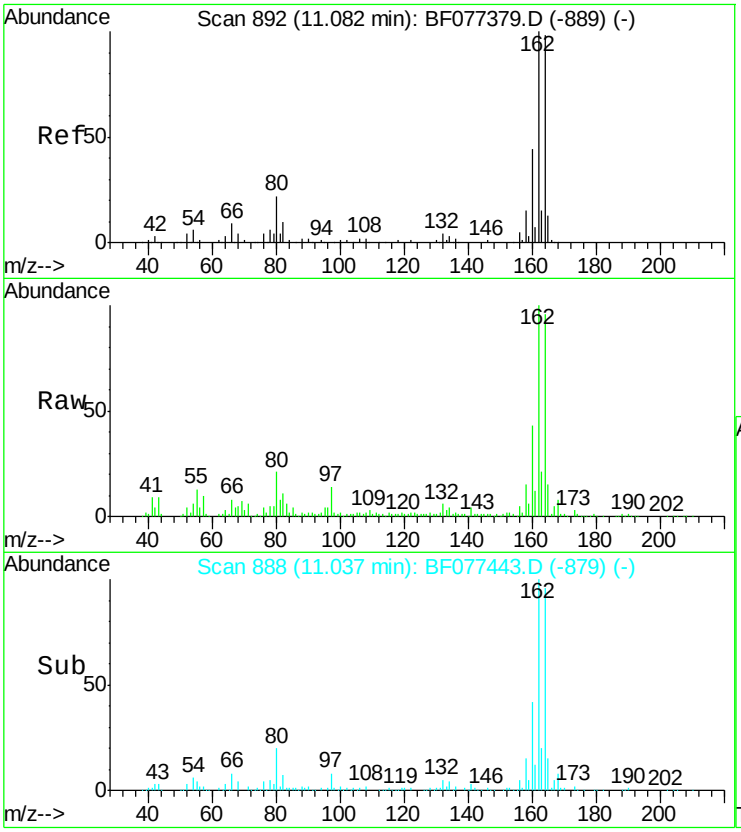




#37
2-Methylnaphthalene
Concen: 32.22 ng
RT: 9.76 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:142 Resp: 422881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.6 | 70.7 | 106.1 |
| 115 | 28.9 | 24.2 | 36.4 |



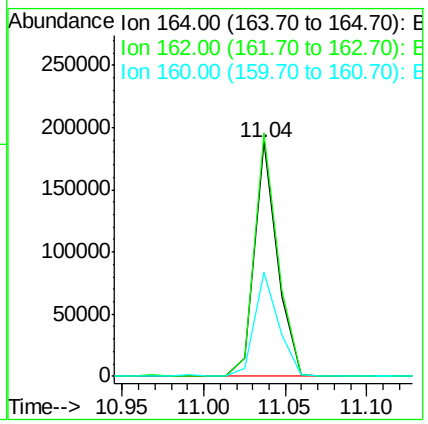


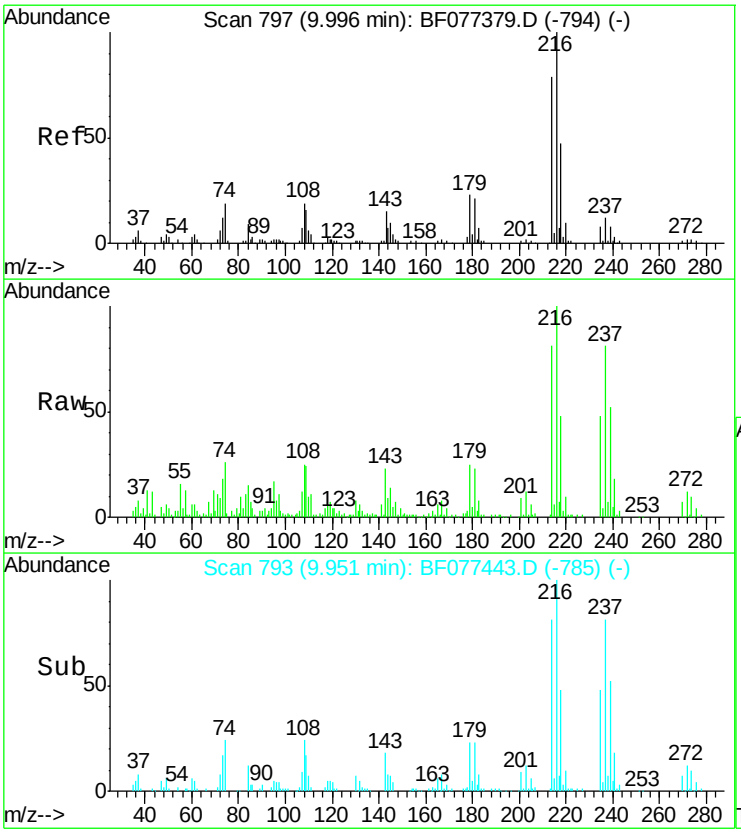

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:164 Resp: 184239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 83.2 | 124.8 |
| 160 | 44.4 | 34.6 | 52.0 |

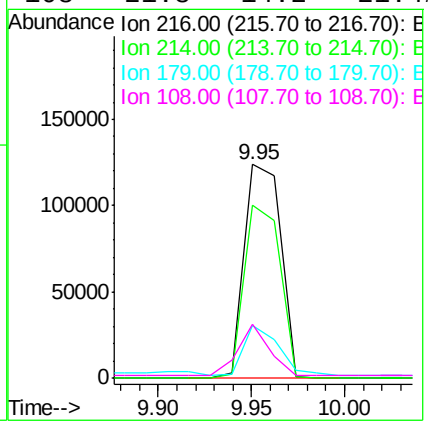


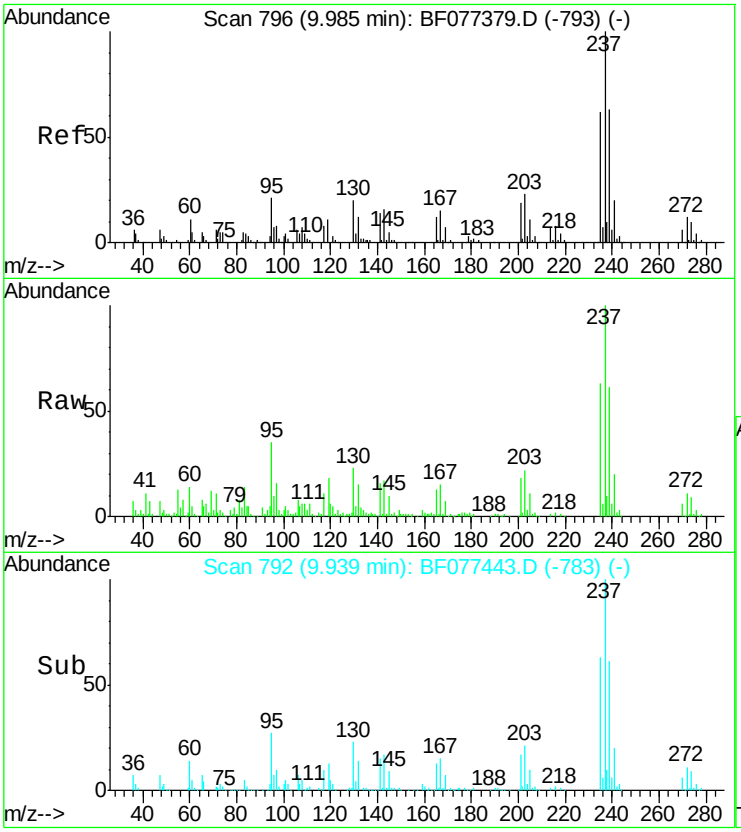




#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.79 ng
RT: 9.95 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:216 Resp: 168042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.4 | 63.4 | 95.0 |
| 179 | 23.3 | 16.6 | 25.0 |
| 108 | 21.8 | 14.2 | 21.4# |



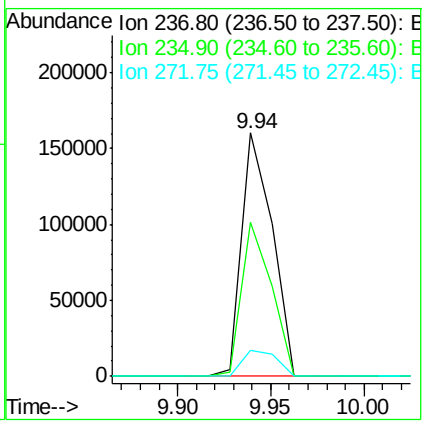


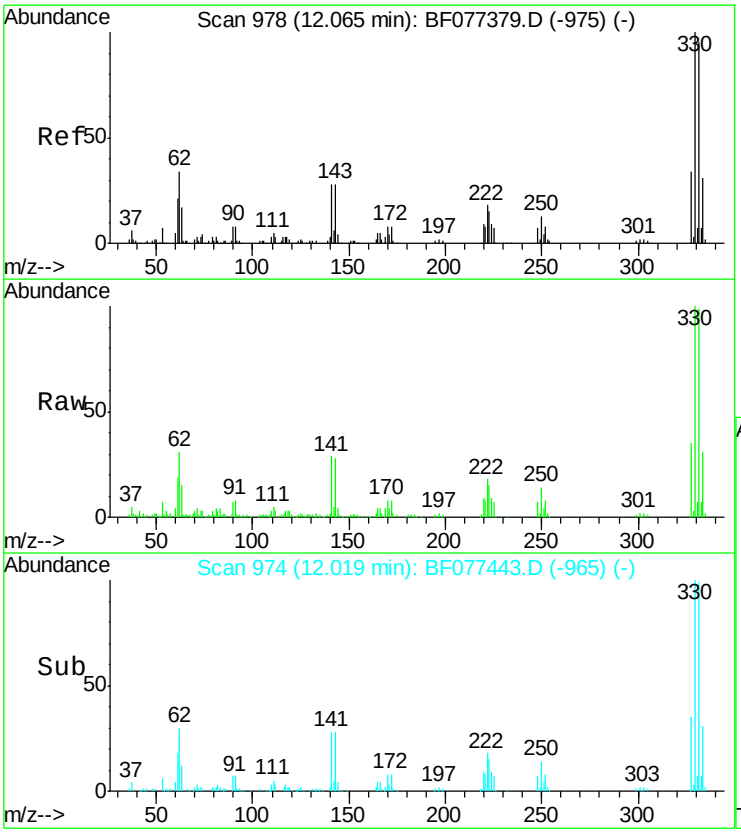

#40
Hexachlorocyclopentadiene
Concen: 64.39 ng
RT: 9.94 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:237 Resp: 182524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 41.0 | 81.0 |
| 272 | 10.7 | 0.0 | 34.3 |

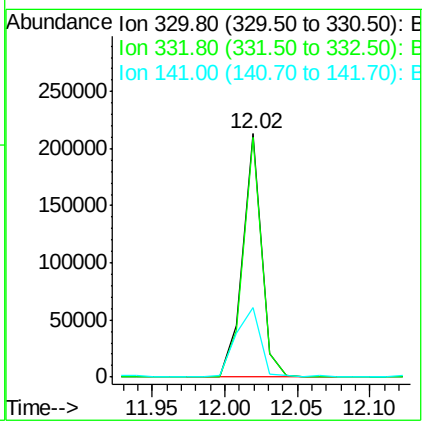


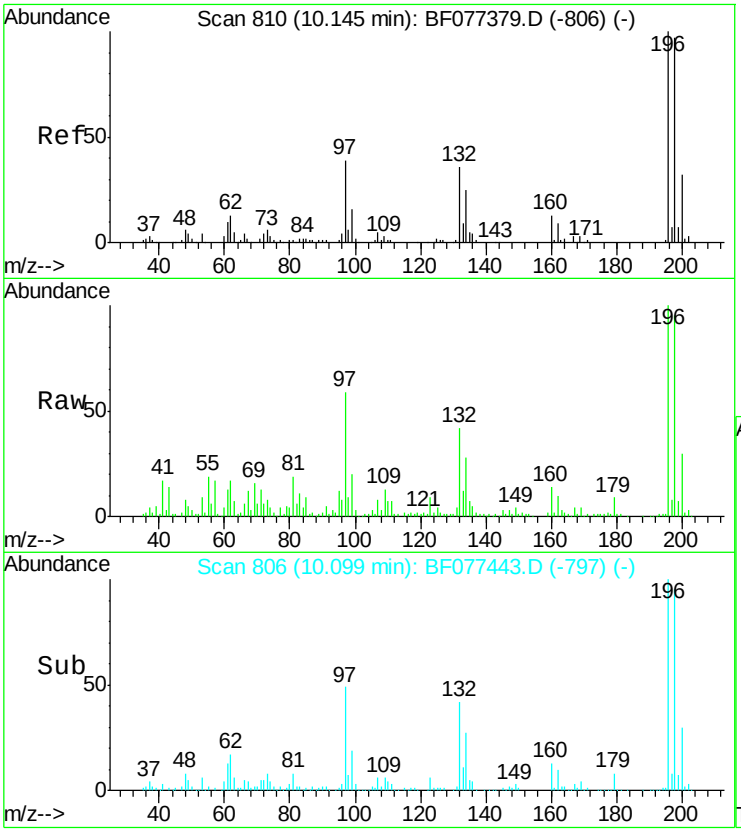




#41
2,4,6-Tribromophenol
Concen: 108.80 ng
RT: 12.02 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:330 Resp: 193004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.5 | 77.4 | 116.2 |
| 141 | 36.3 | 28.8 | 43.2 |



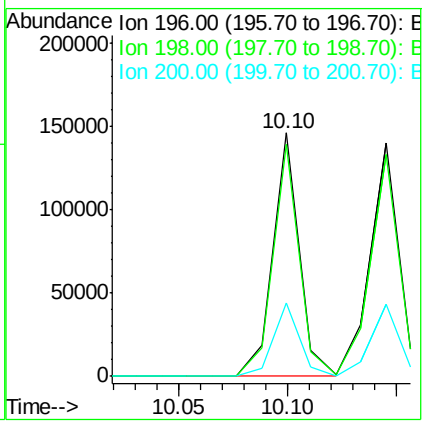


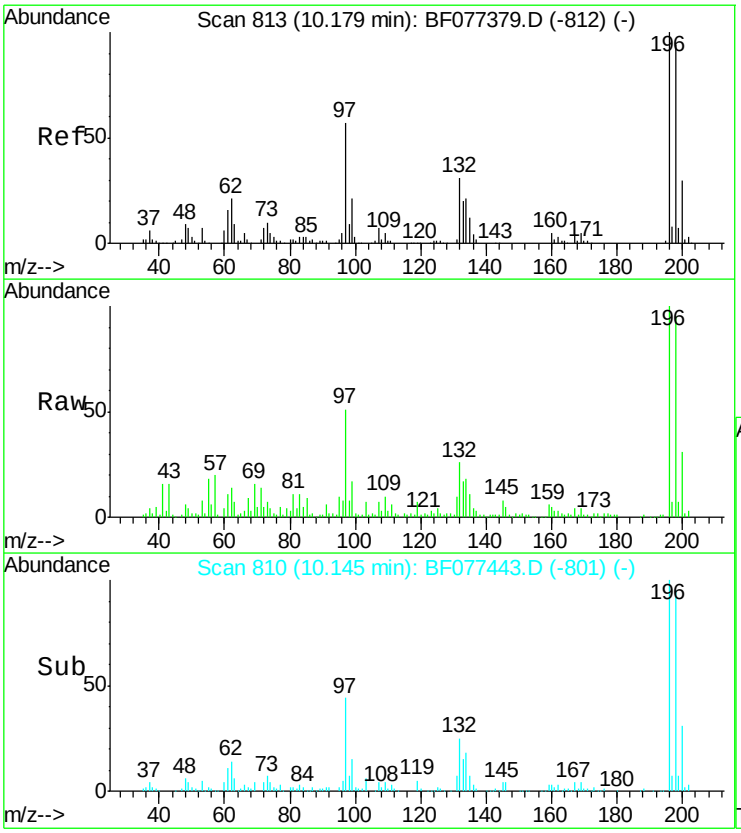

#42
2,4,6-Trichlorophenol
Concen: 35.79 ng
RT: 10.10 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:196 Resp: 125295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.4 | 75.8 | 113.8 |
| 200 | 30.2 | 24.2 | 36.4 |

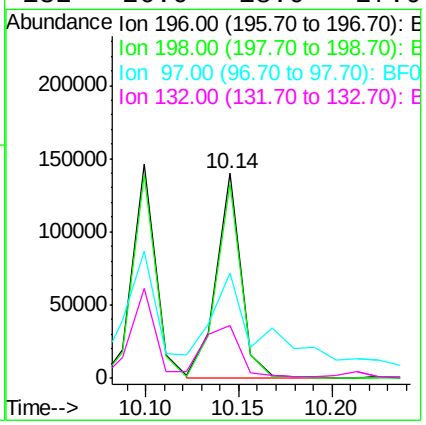


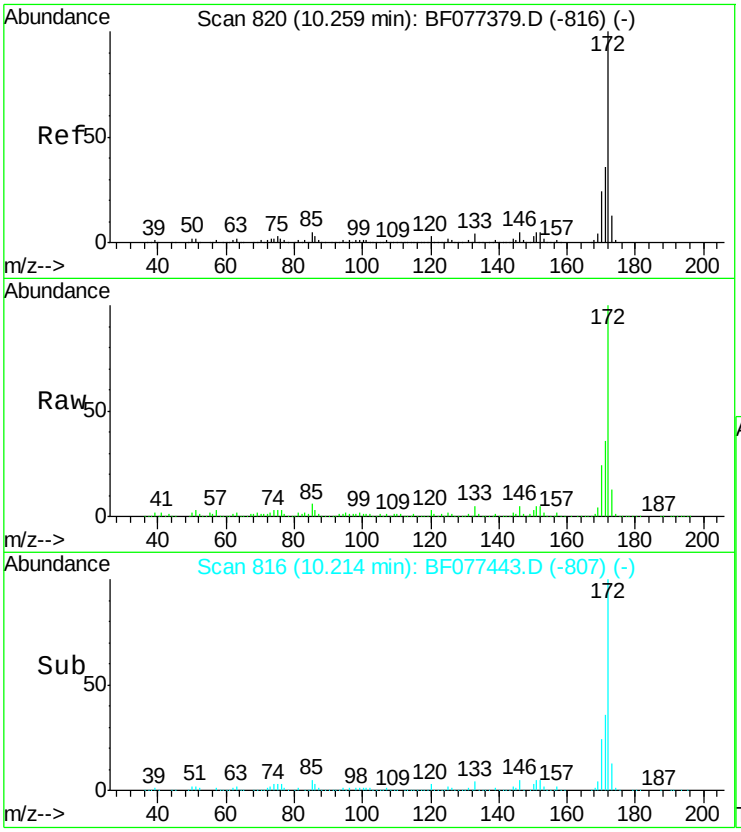




#43
2,4,5-Trichlorophenol
Concen: 34.29 ng
RT: 10.14 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:196 Resp: 128349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 77.2 | 115.8 |
| 97 | 51.1 | 27.7 | 41.5# |
| 132 | 26.0 | 18.0 | 27.0 |



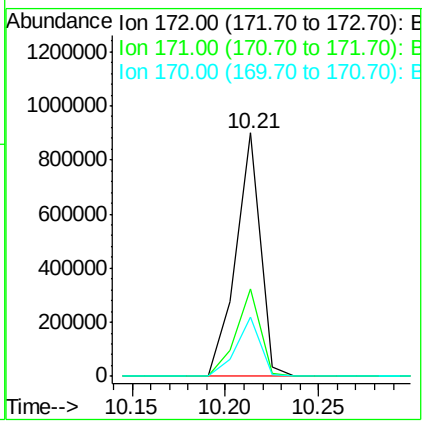


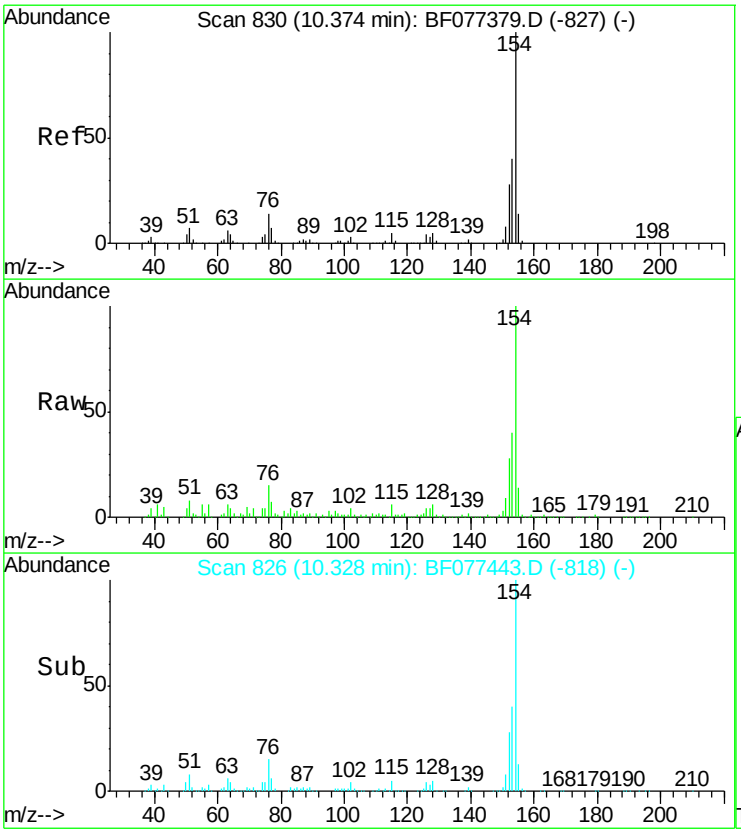

#44
2-Fluorobiphenyl
Concen: 70.49 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:172 Resp: 832879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 28.9 | 43.3 |
| 170 | 24.1 | 19.4 | 29.2 |

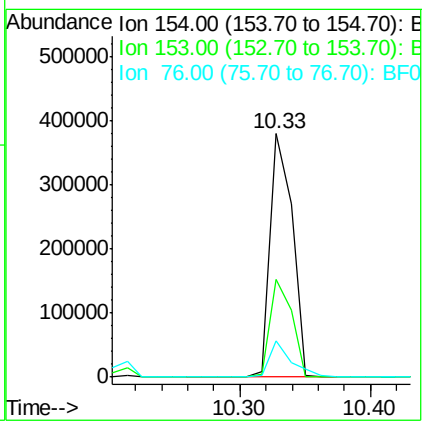


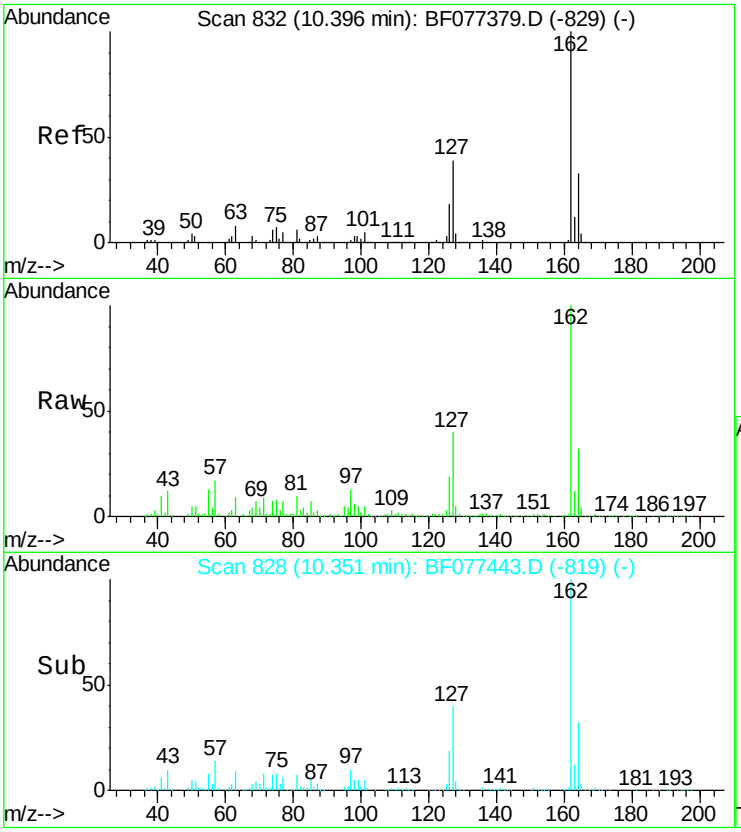




#45
1,1'-Biphenyl
Concen: 32.52 ng
RT: 10.33 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:154 Resp: 453929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.2 | 60.2 |
| 76 | 15.2 | 0.0 | 29.4 |



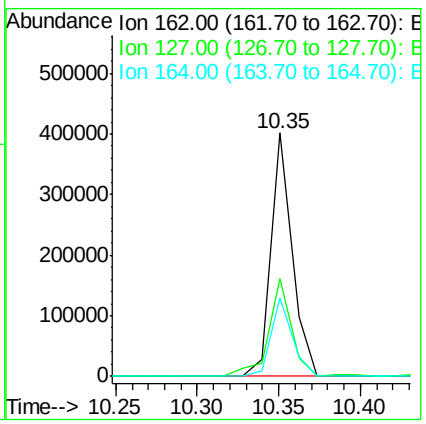


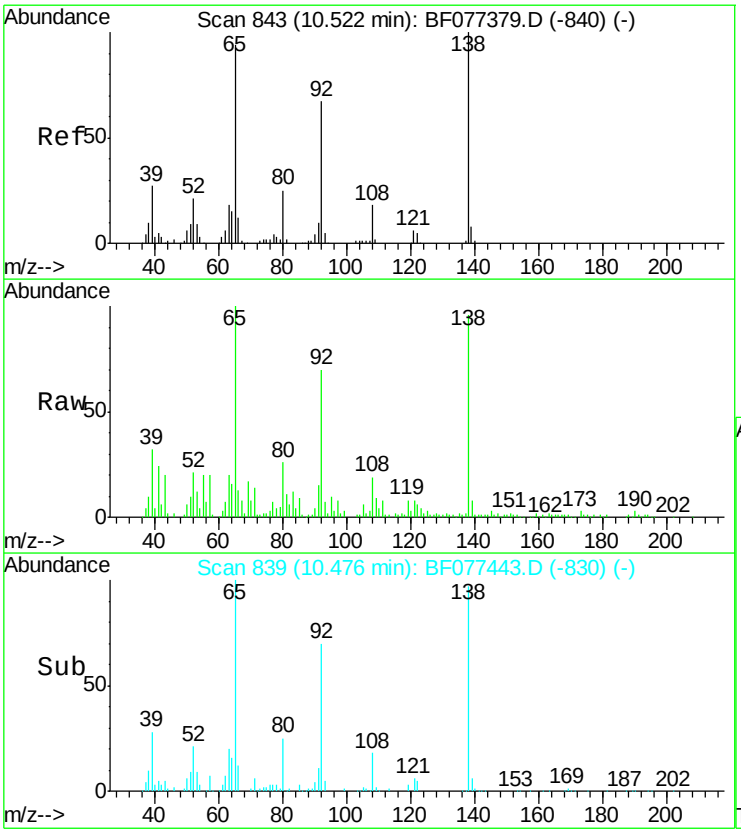

#46
2-Chloronaphthalene
Concen: 33.31 ng
RT: 10.35 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:162 Resp: 364598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.3 | 33.3 | 49.9 |
| 164 | 32.4 | 26.2 | 39.4 |

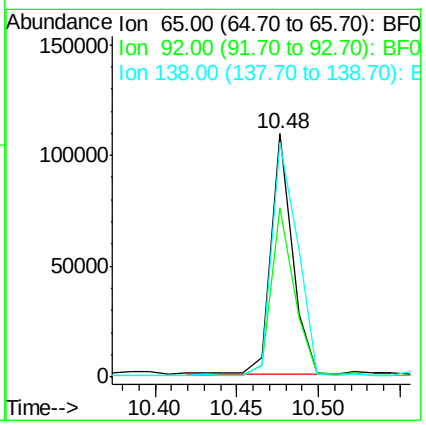


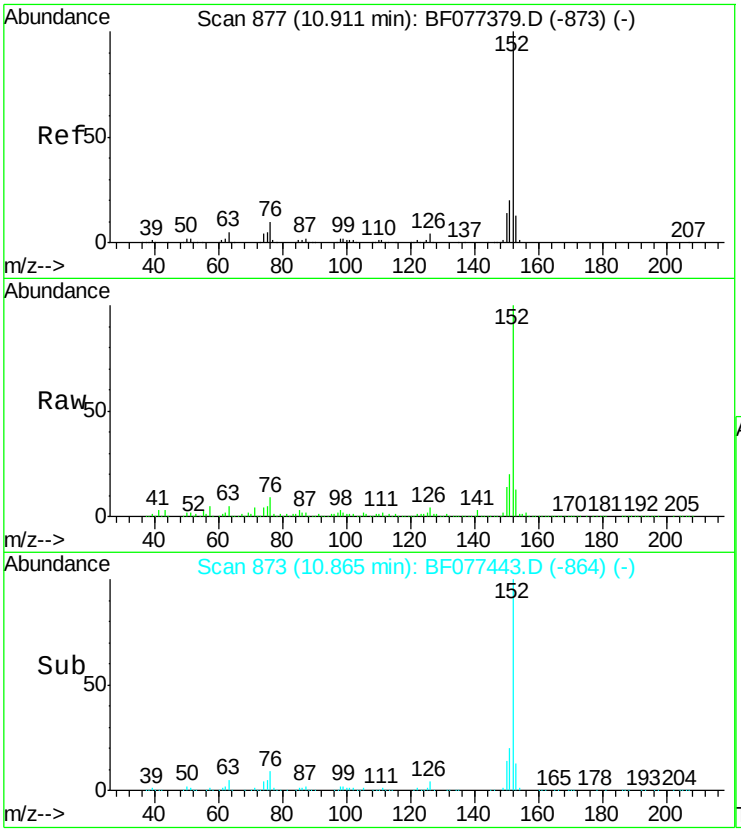




#47
2-Nitroaniline
Concen: 36.63 ng
RT: 10.48 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion: 65 Resp: 98705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.5 | 52.4 | 78.6 |
| 138 | 96.3 | 73.4 | 110.0 |



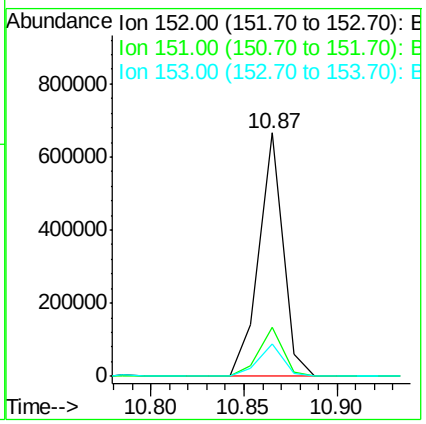


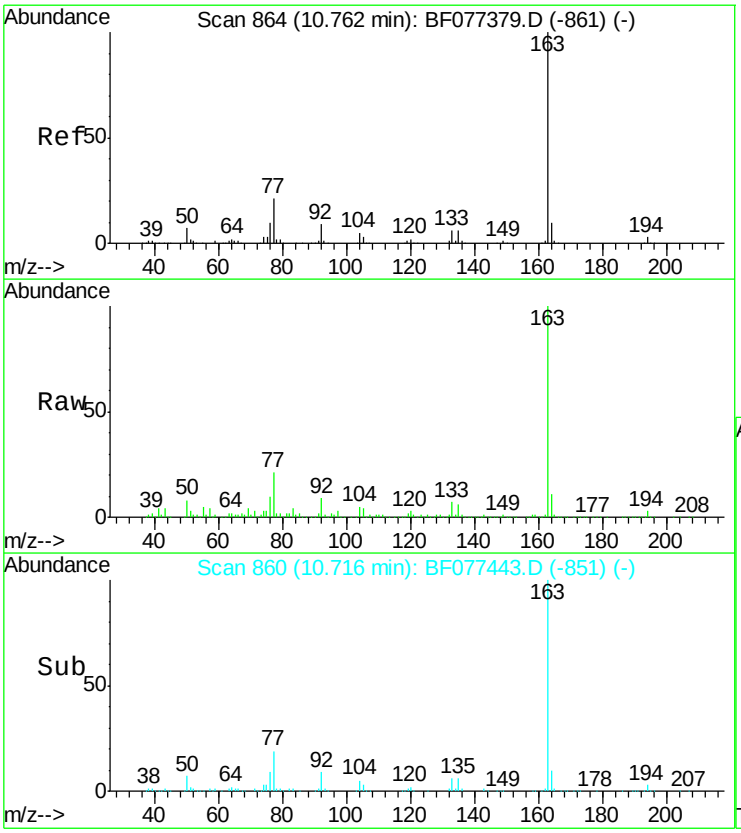

#48
Acenaphthylene
Concen: 34.26 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:152 Resp: 593737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 16.1 | 24.1 |
| 153 | 13.4 | 10.9 | 16.3 |

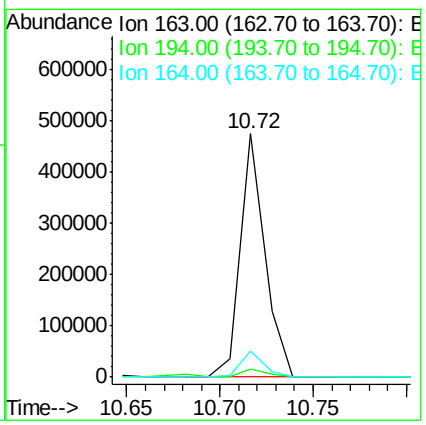


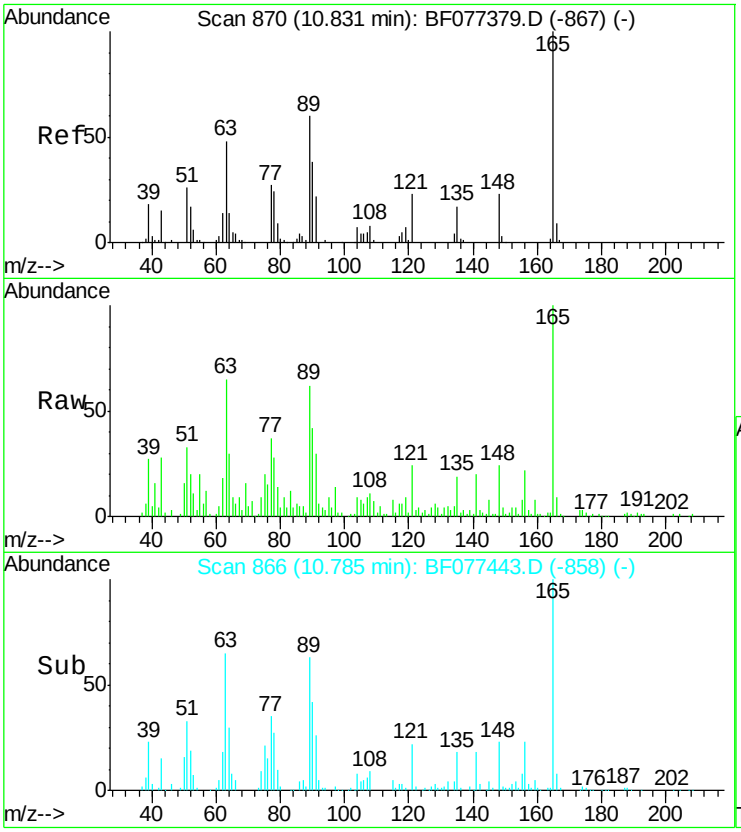




#49
Dimethylphthalate
Concen: 33.71 ng
RT: 10.72 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:163 Resp: 436592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.6 | 4.0 |
| 164 | 10.6 | 8.6 | 13.0 |



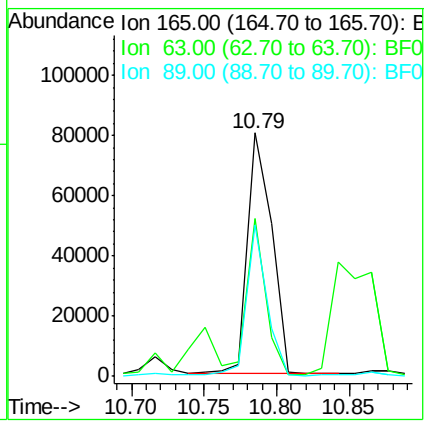


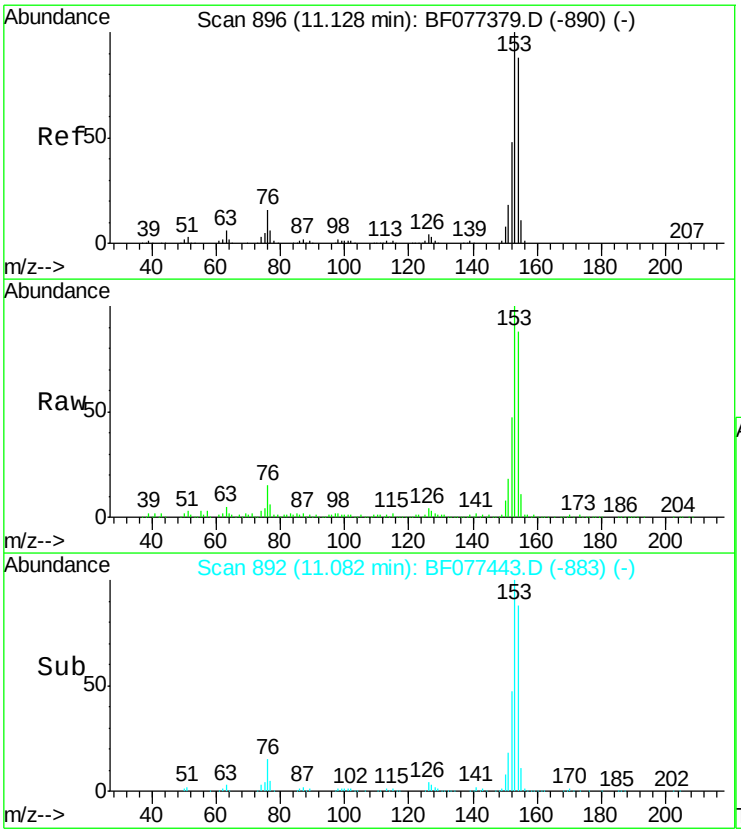

#50
2,6-Dinitrotoluene
Concen: 35.52 ng
RT: 10.79 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:165 Resp: 92246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.9 | 25.2 | 37.8# |
| 89 | 62.0 | 30.5 | 45.7# |

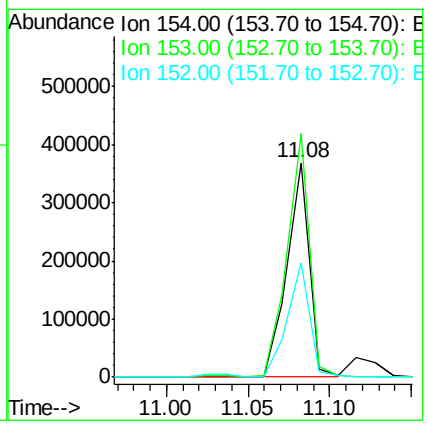


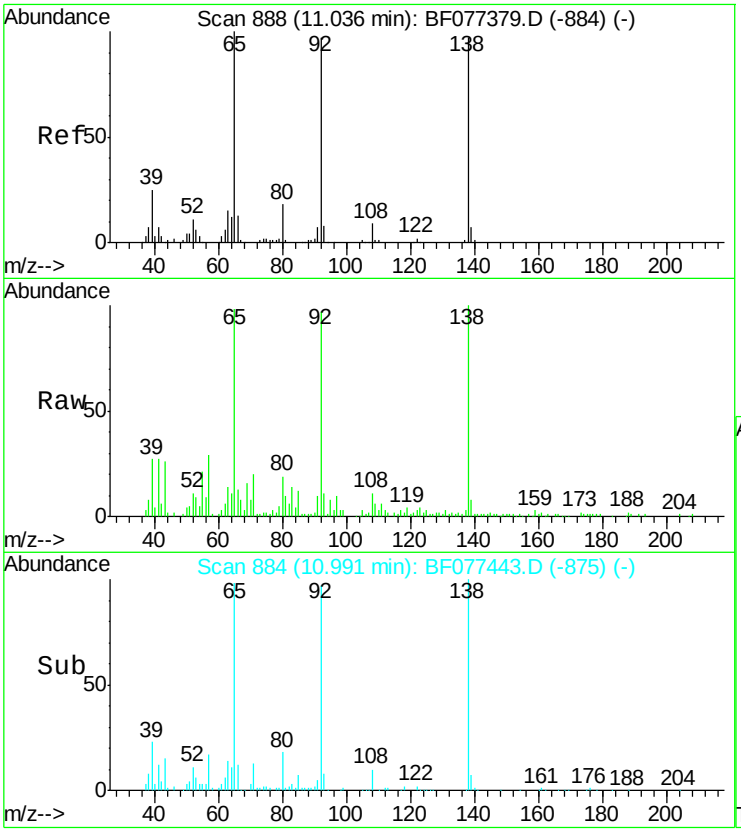




#51
Acenaphthene
Concen: 33.89 ng
RT: 11.08 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:154 Resp: 350485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.5 | 90.5 | 135.7 |
| 152 | 53.6 | 43.5 | 65.3 |



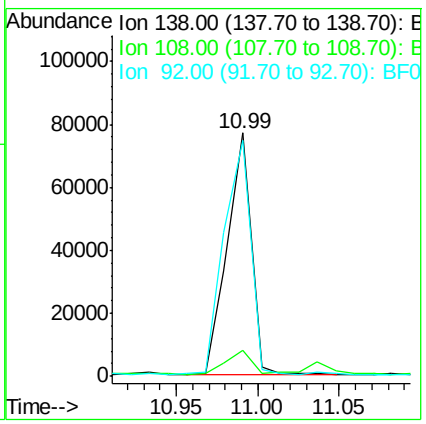


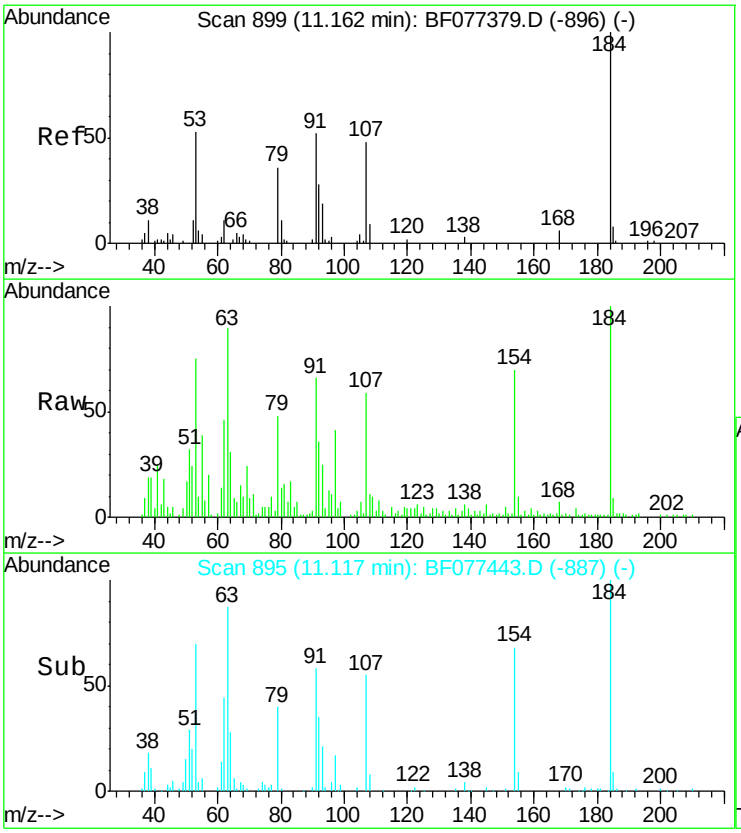

#52
3-Nitroaniline
Concen: 25.87 ng
RT: 10.99 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:138 Resp: 77453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 7.8 | 11.8 |
| 92 | 97.0 | 90.6 | 135.8 |

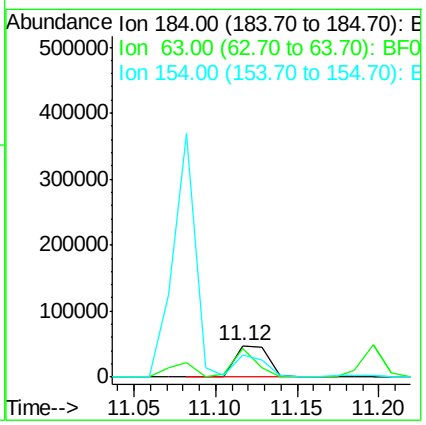


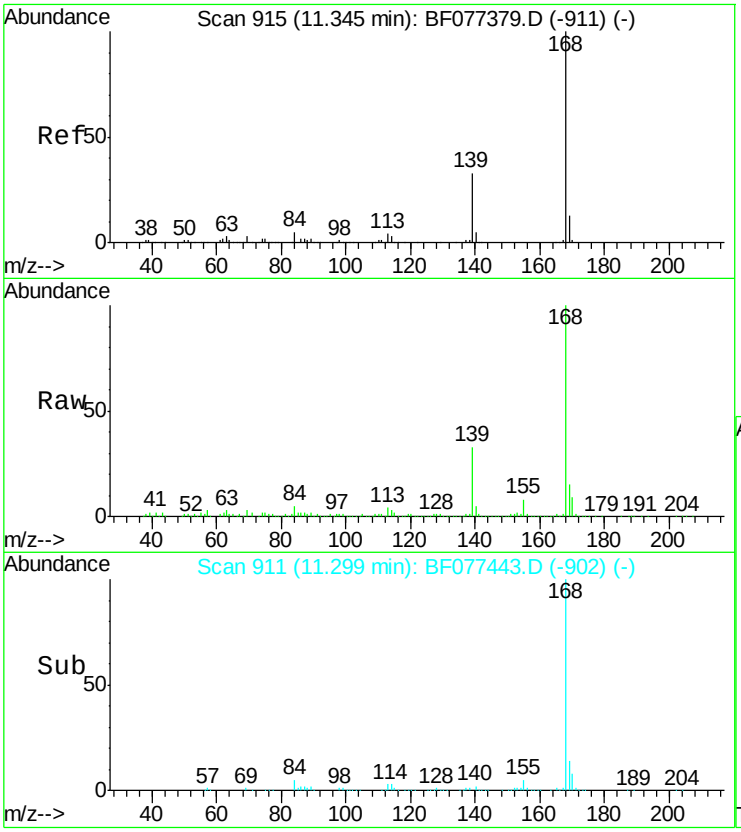




#53
2,4-Dinitrophenol
Concen: 83.24 ng
RT: 11.12 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:184 Resp: 65784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 89.9 | 29.5 | 44.3# |
| 154 | 70.2 | 43.2 | 64.8# |



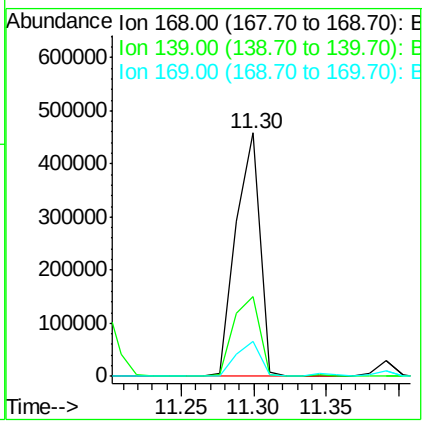


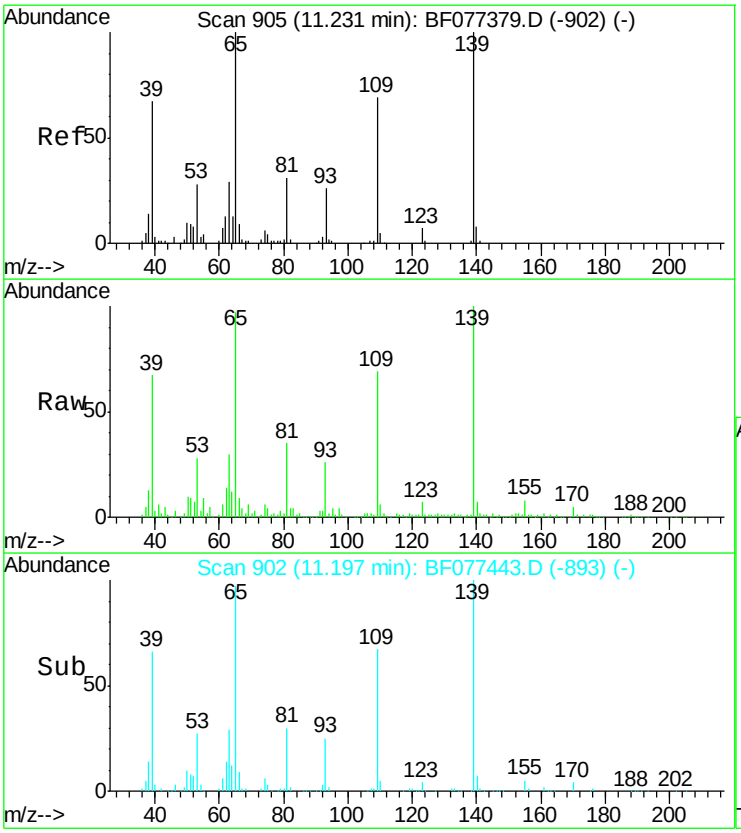

#54
Dibenzofuran
Concen: 32.99 ng
RT: 11.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:168 Resp: 526829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 33.0 | 29.3 | 43.9 |
| 169 | 14.6 | 10.9 | 16.3 |

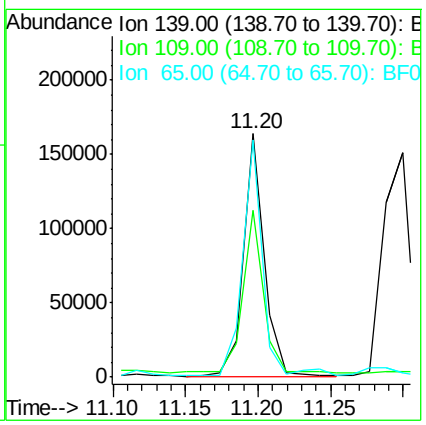


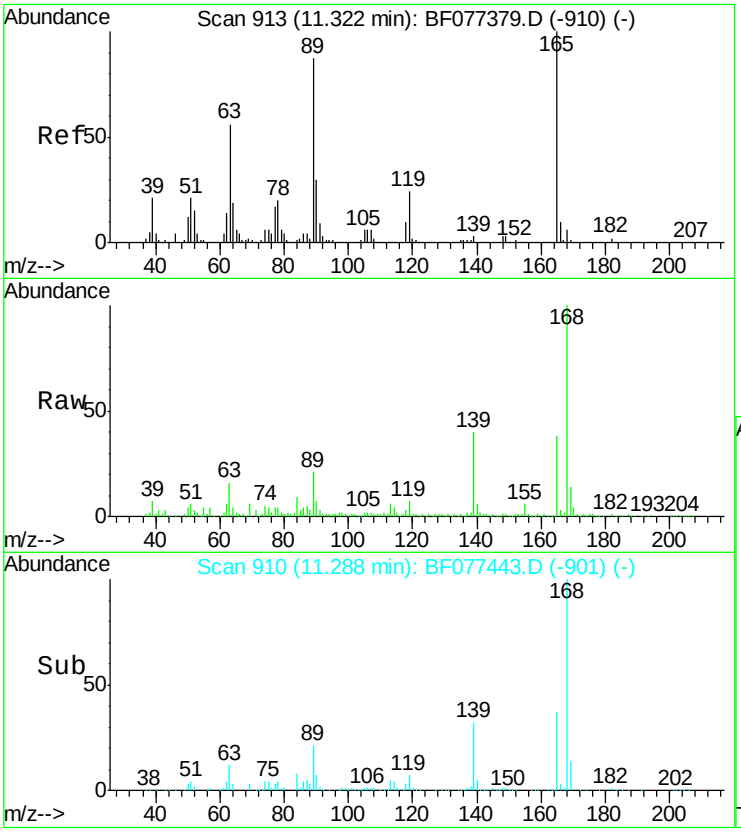




#55
4-Nitrophenol
Concen: 67.03 ng
RT: 11.20 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:139 Resp: 161434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 68.7 | 36.2 | 76.2 |
| 65 | 97.2 | 40.3 | 80.3# |



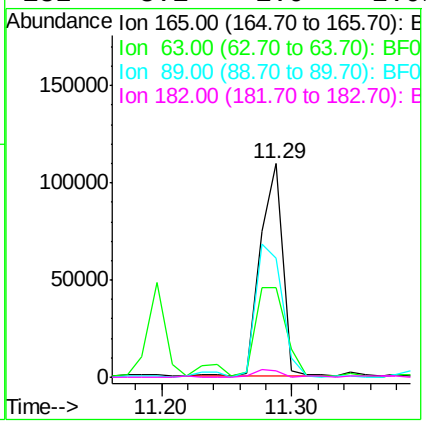


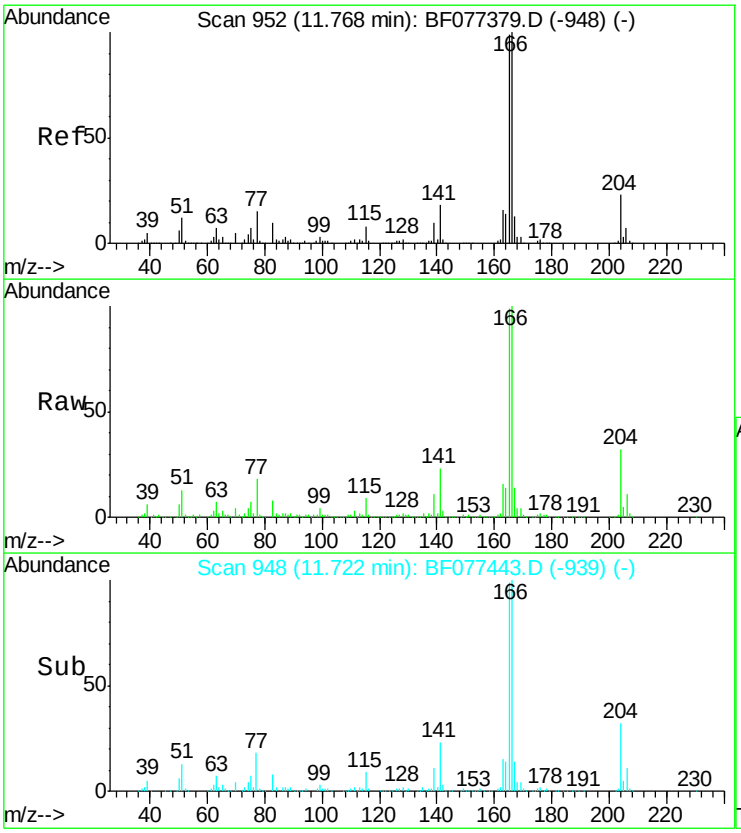

#56
2,4-Dinitrotoluene
Concen: 37.37 ng
RT: 11.29 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:165 Resp: 131157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.2 | 29.8 | 44.8 |
| 89 | 55.6 | 48.5 | 72.7 |
| 182 | 3.1 | 1.9 | 2.9# |

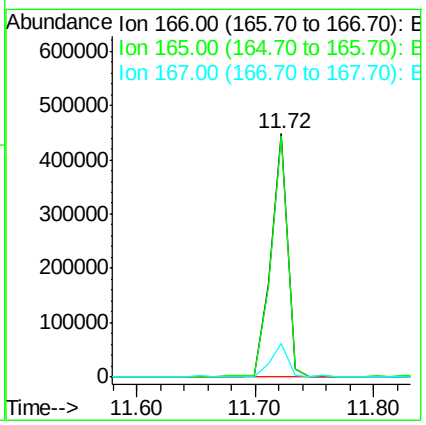


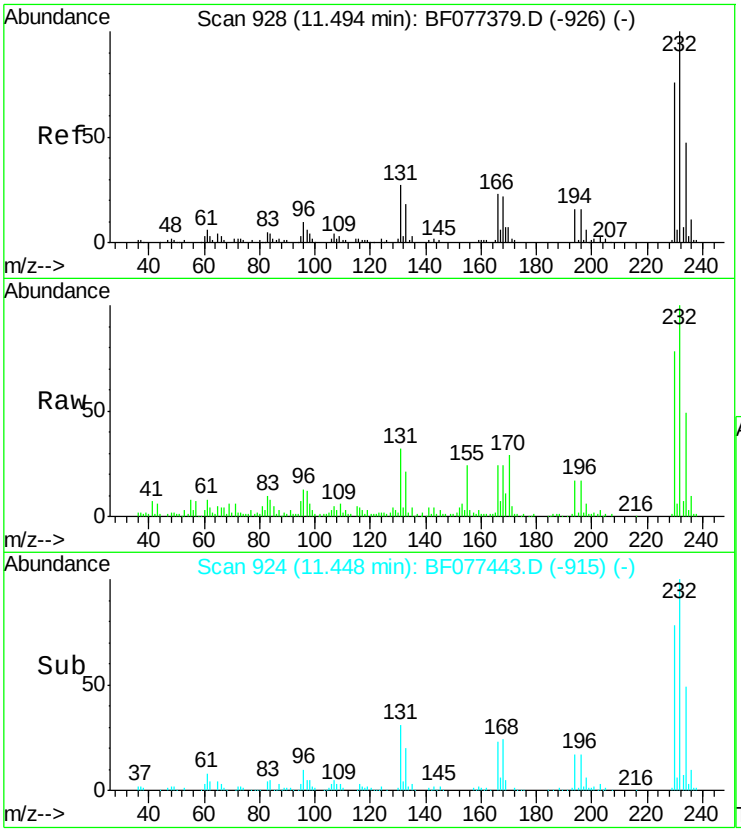




#57
Fluorene
Concen: 34.47 ng
RT: 11.72 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:166 Resp: 440090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.1 | 77.6 | 116.4 |
| 167 | 13.9 | 10.6 | 16.0 |



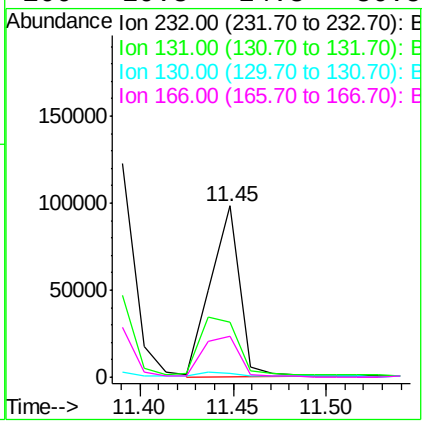


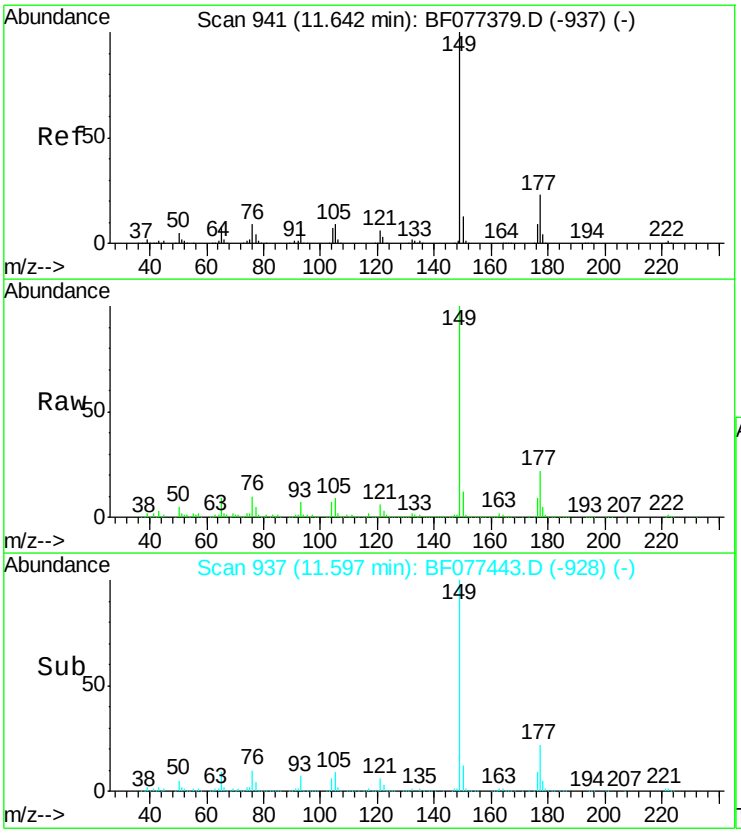

#58
2,3,4,6-Tetrachlorophenol
Concen: 35.34 ng
RT: 11.45 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:232 Resp: 106368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.1 | 34.2 | 51.2 |
| 130 | 3.2 | 1.8 | 2.6# |
| 166 | 29.3 | 24.3 | 36.5 |

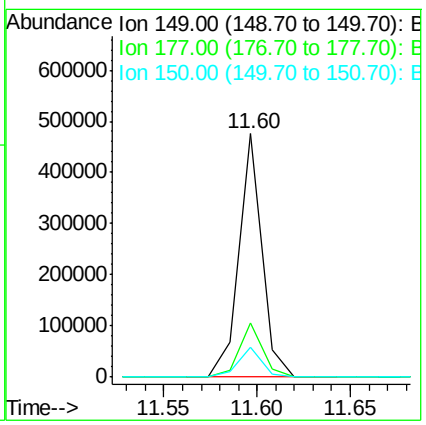


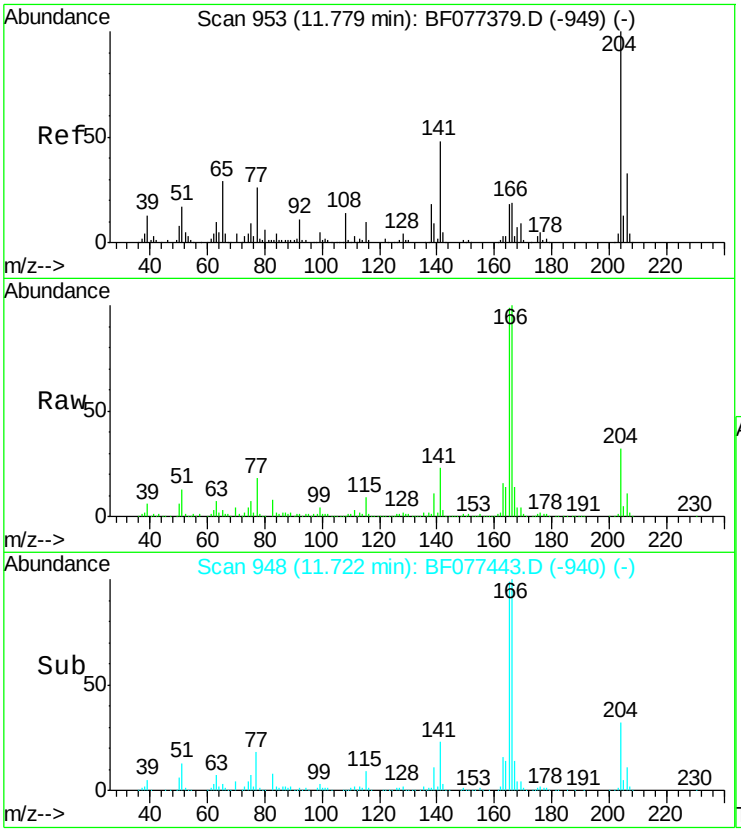




#59
Diethylphthalate
Concen: 32.16 ng
RT: 11.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:149 Resp: 410580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.3 | 17.2 | 25.8 |
| 150 | 12.4 | 10.5 | 15.7 |



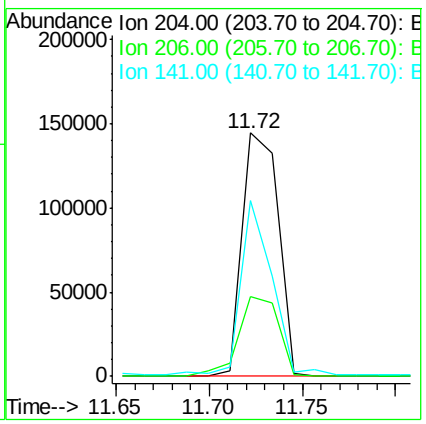


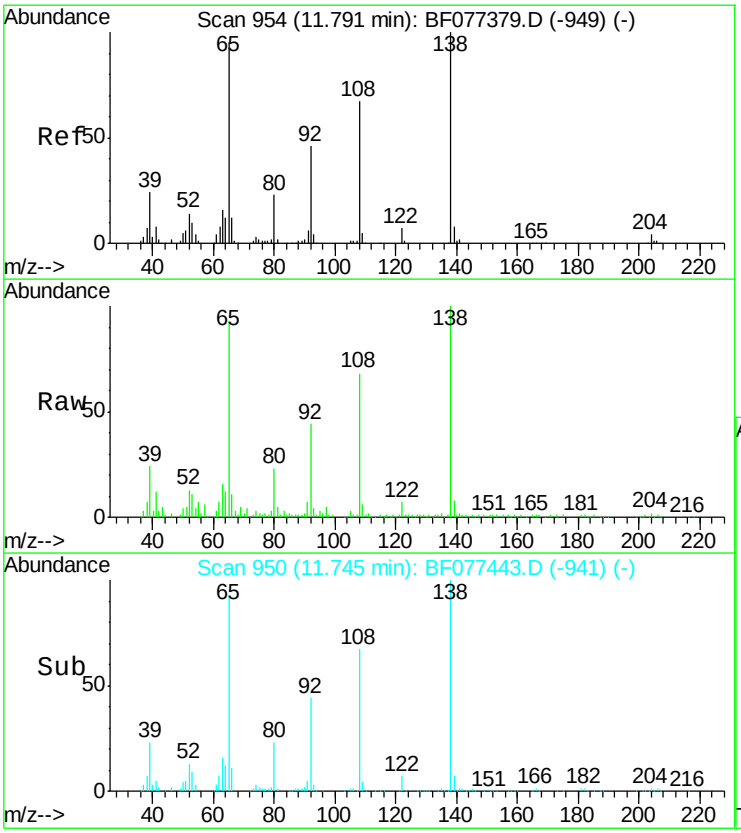

#60
4-Chlorophenyl-phenylether
Concen: 31.52 ng
RT: 11.72 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:204 Resp: 193845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 25.9 | 38.9 |
| 141 | 72.2 | 43.6 | 65.4# |

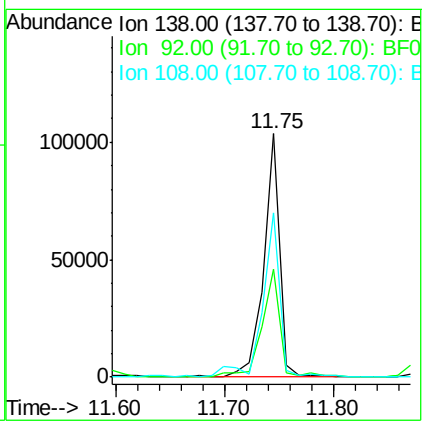


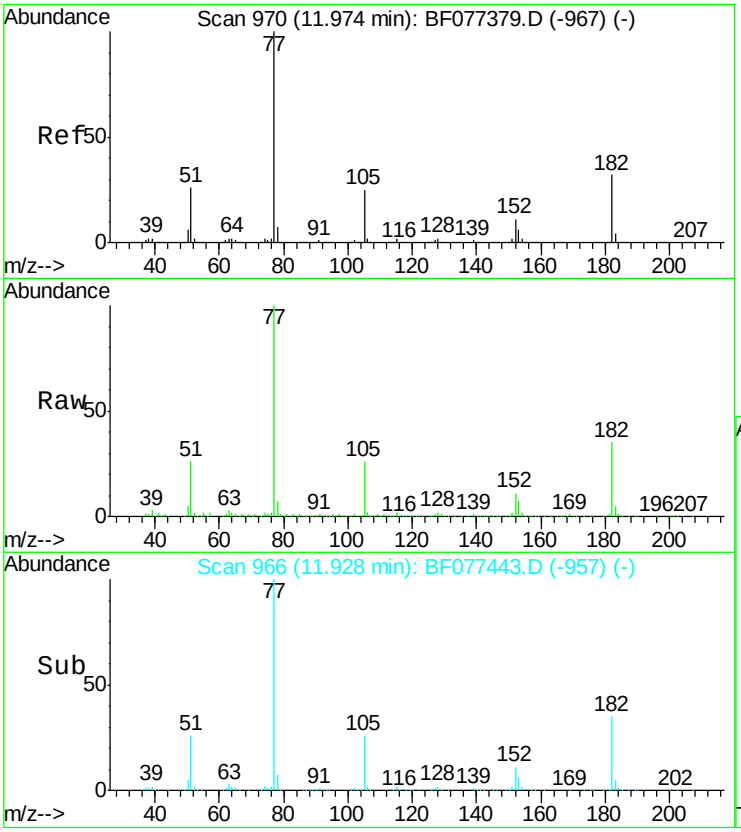




#61
4-Nitroaniline
Concen: 36.38 ng
RT: 11.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:138 Resp: 104399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.3 | 32.8 | 72.8 |
| 108 | 67.6 | 52.1 | 92.1 |



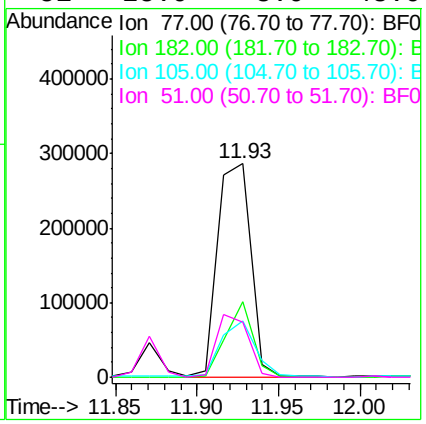


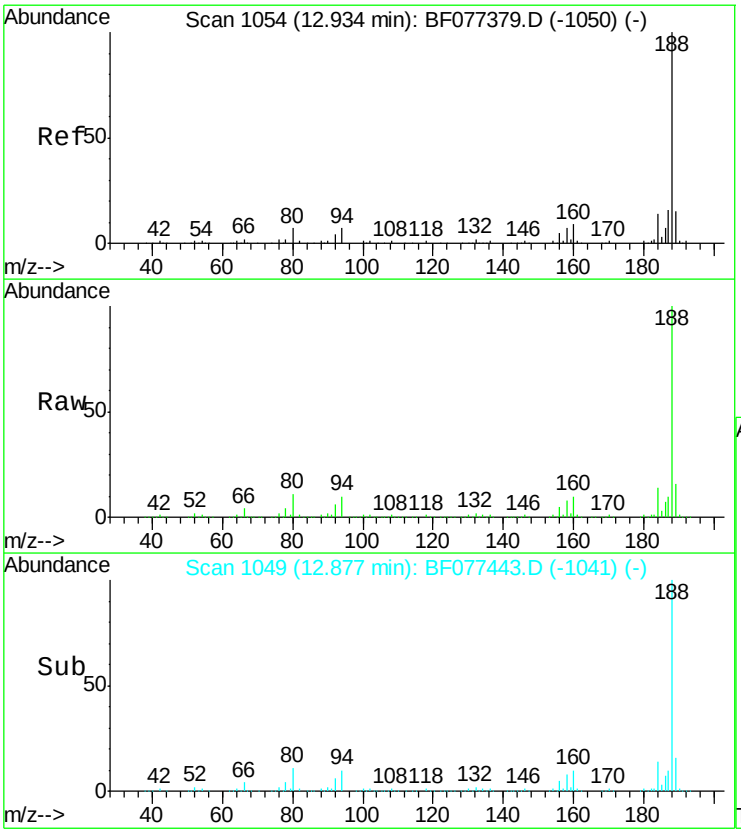

#62
Azobenzene
Concen: 32.98 ng
RT: 11.93 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion: 77 Resp: 399487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 35.1 | 4.9 | 44.9 |
| 105 | 26.4 | 3.3 | 43.3 |
| 51 | 25.9 | 8.9 | 48.9 |

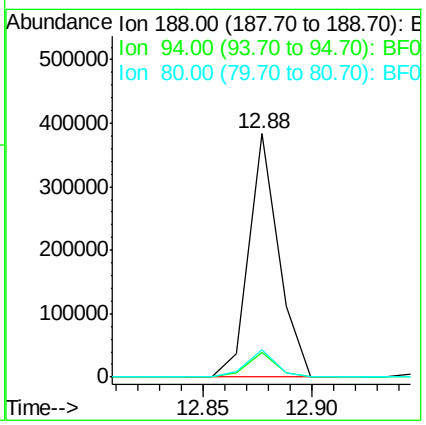


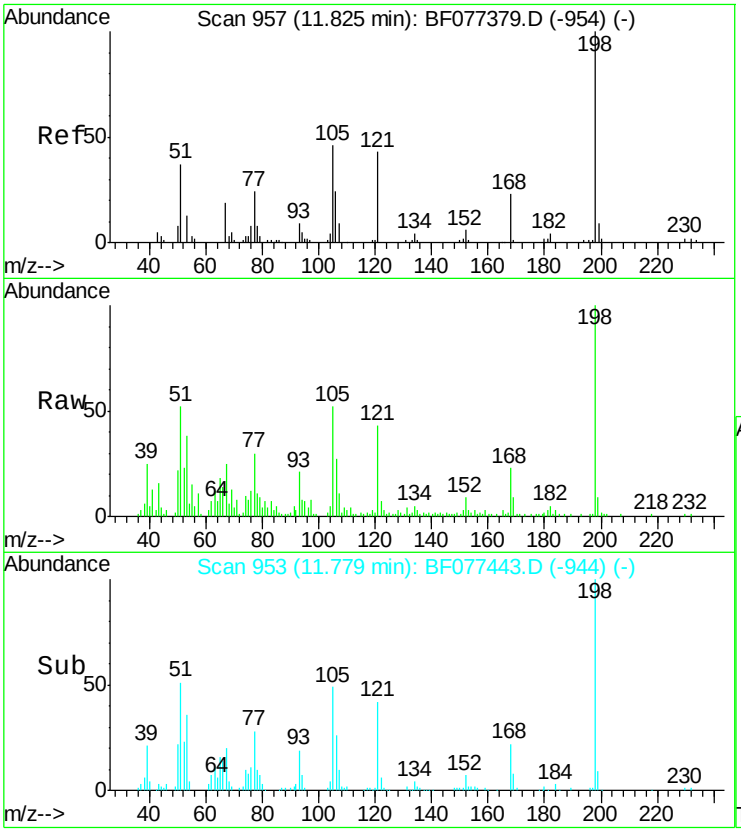




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:188 Resp: 366500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.1 | 7.4 | 11.2 |
| 80 | 11.0 | 8.0 | 12.0 |



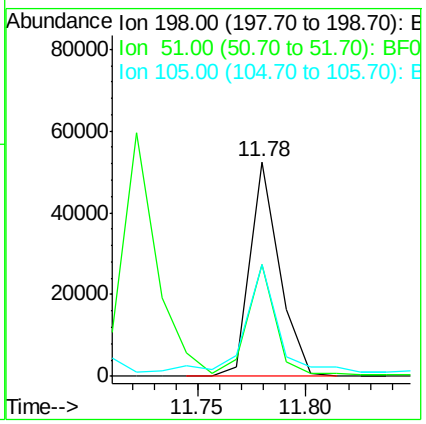


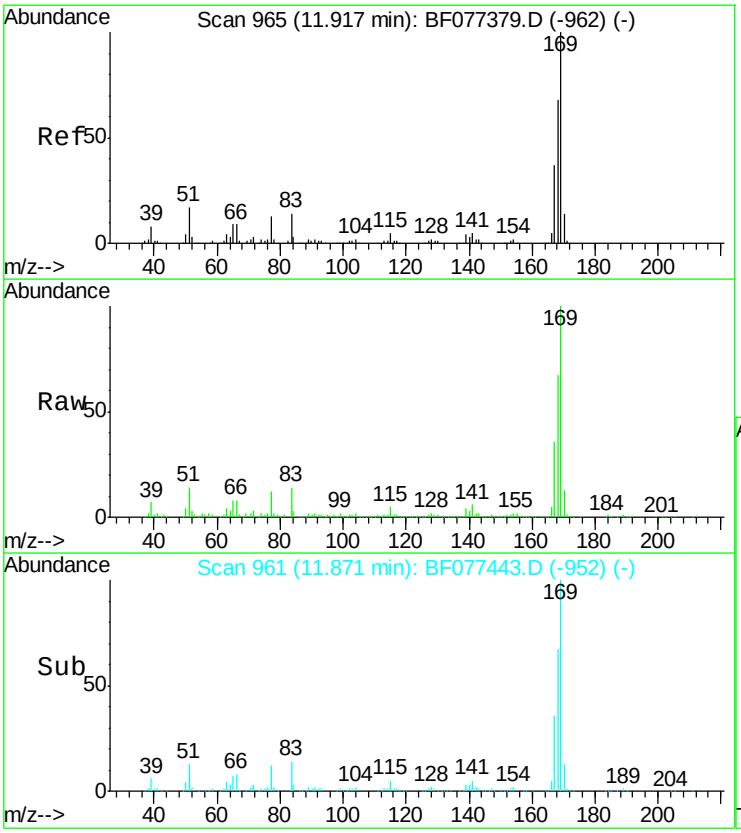

#64
4,6-Dinitro-2-methylphenol
Concen: 34.79 ng
RT: 11.78 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:198 Resp: 49261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 52.1 | 2.7 | 42.7# |
| 105 | 52.3 | 10.0 | 50.0# |

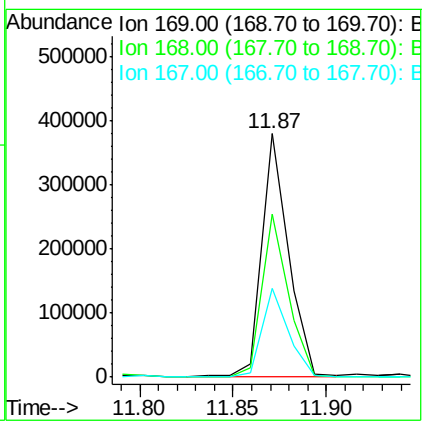


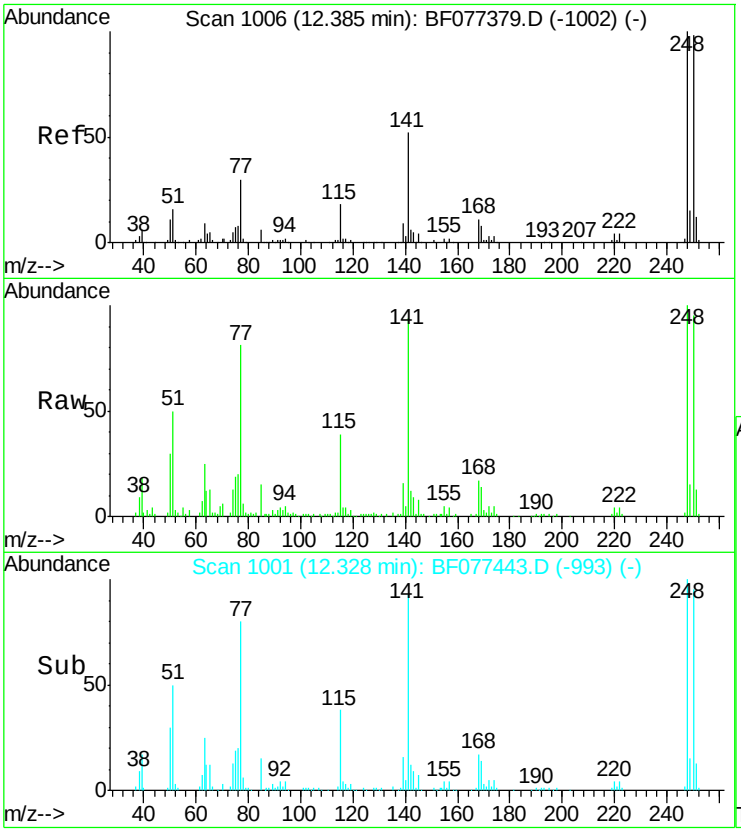




#65
n-Nitrosodiphenylamine
Concen: 30.55 ng
RT: 11.87 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:169 Resp: 371557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.9 | 53.0 | 79.6 |
| 167 | 36.4 | 29.5 | 44.3 |



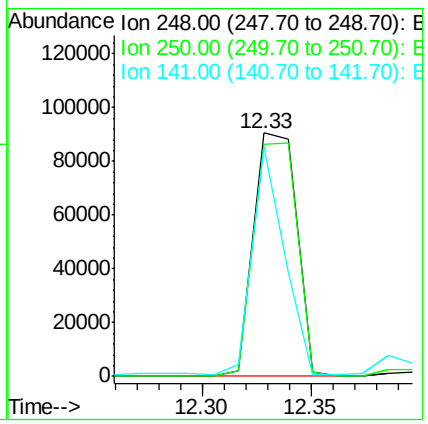


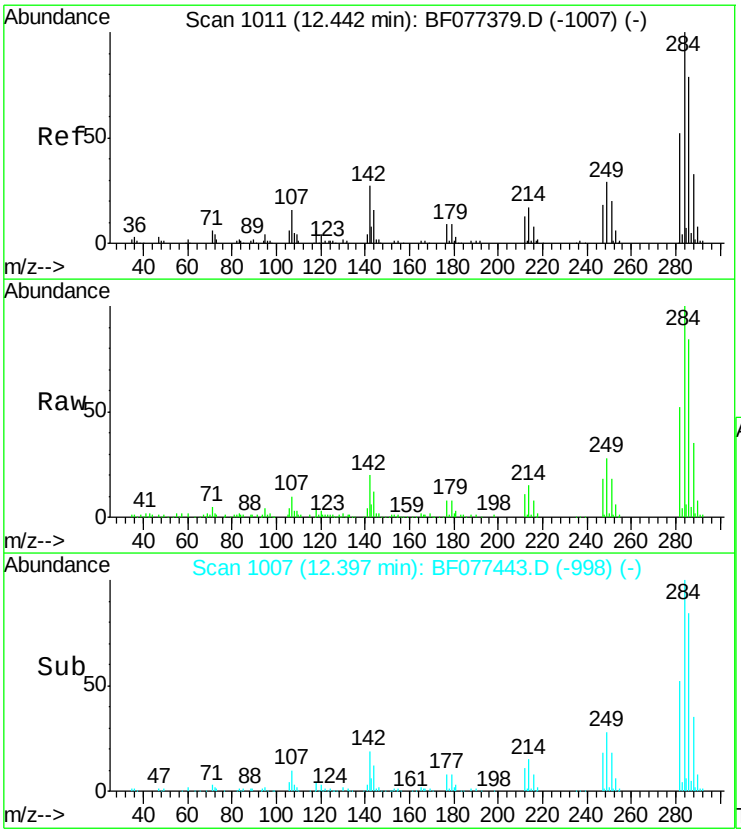

#66
4-Bromophenyl-phenylether
Concen: 29.15 ng
RT: 12.33 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:248 Resp: 125118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.1 | 78.0 | 117.0 |
| 141 | 94.4 | 54.1 | 81.1# |

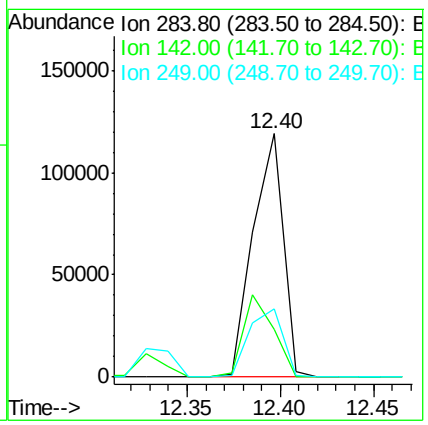


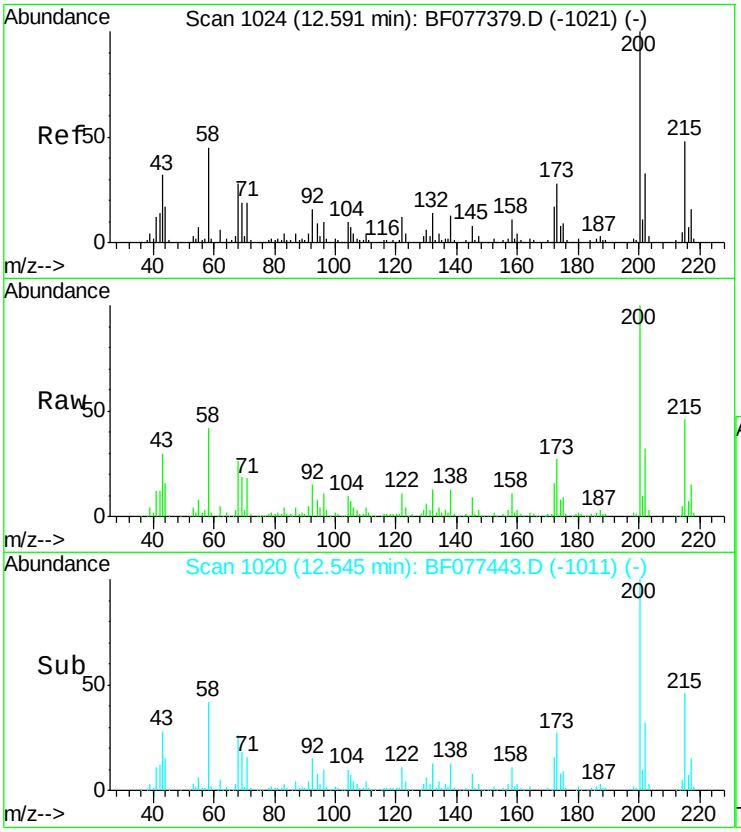




#67
Hexachlorobenzene
Concen: 28.83 ng
RT: 12.40 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:284 Resp: 132804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 19.7 | 31.6 | 47.4# |
| 249 | 28.3 | 27.0 | 40.4 |



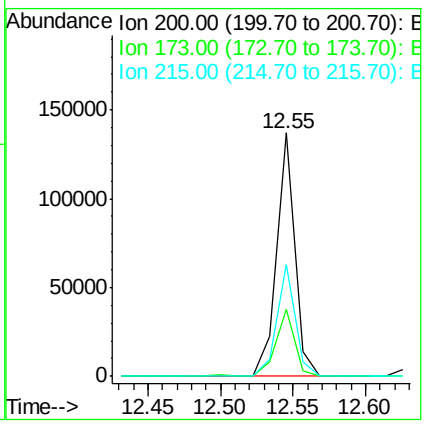


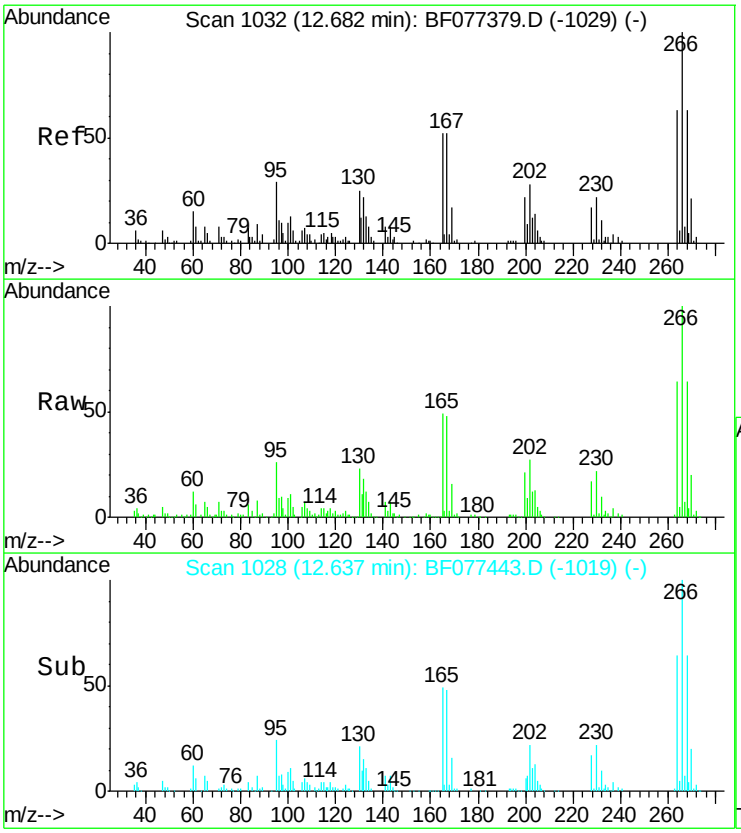

#68
Atrazine
Concen: 30.18 ng
RT: 12.55 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:200 Resp: 119323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.3 | 9.6 | 49.6 |
| 215 | 45.8 | 24.4 | 64.4 |

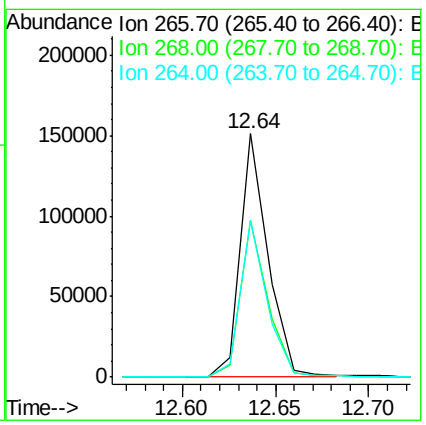


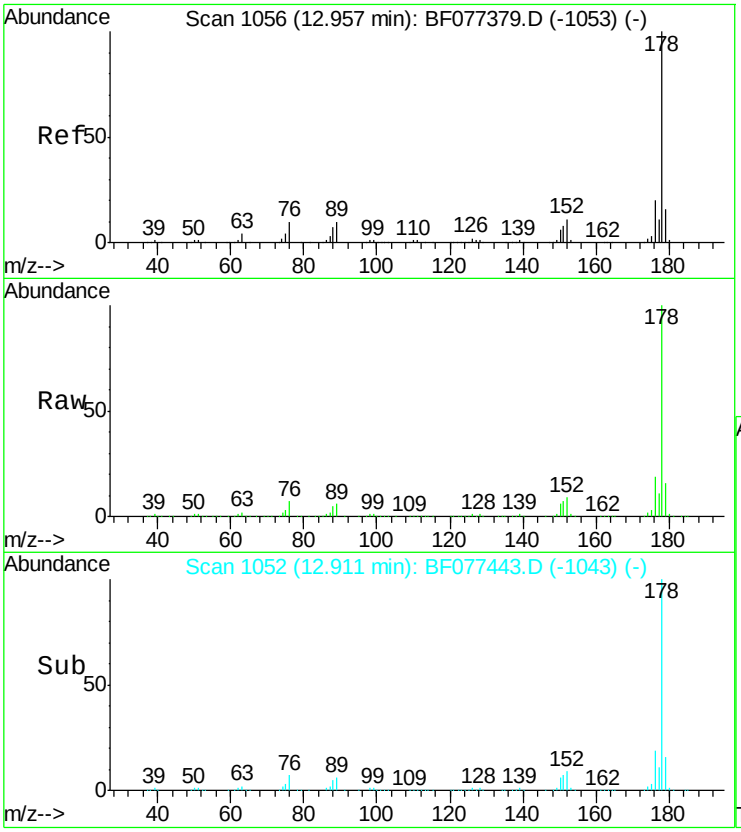




#69
Pentachlorophenol
Concen: 64.64 ng
RT: 12.64 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:266 Resp: 156503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.2 | 51.2 | 76.8 |
| 264 | 64.0 | 50.7 | 76.1 |



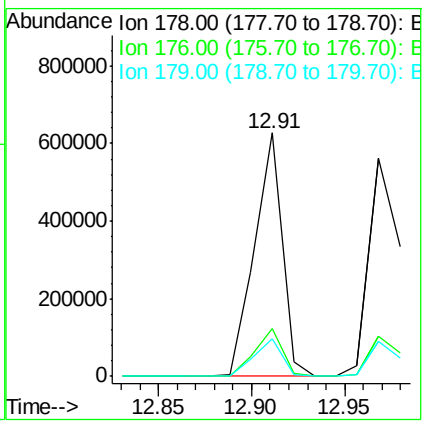


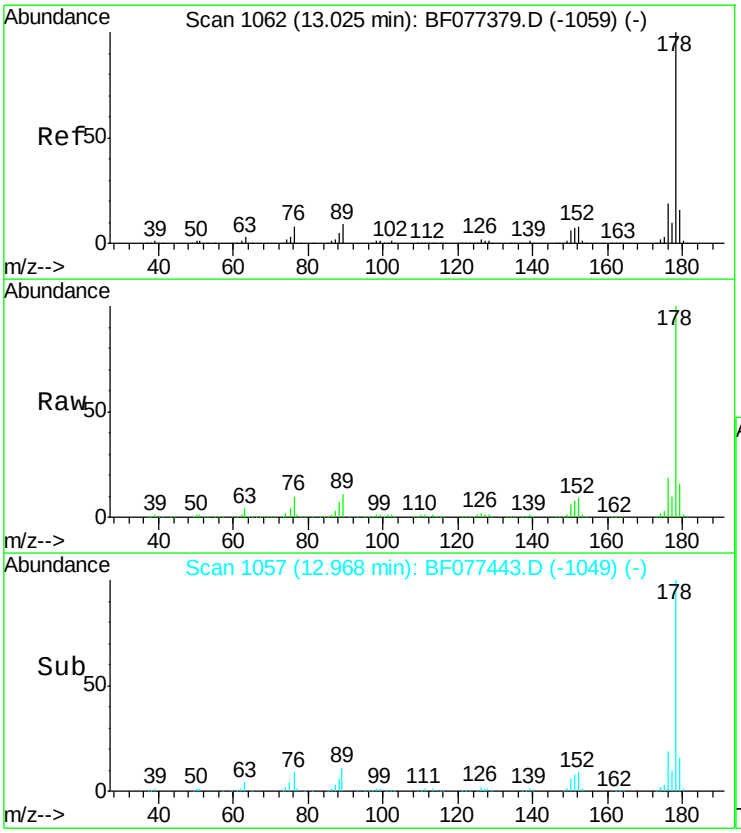

#70
Phenanthrene
Concen: 30.32 ng
RT: 12.91 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:178 Resp: 644120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.5 | 23.3 |
| 179 | 15.5 | 12.2 | 18.2 |

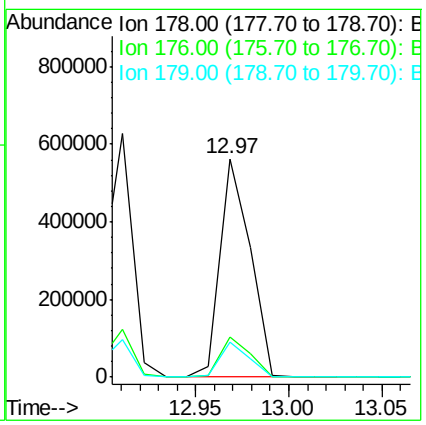


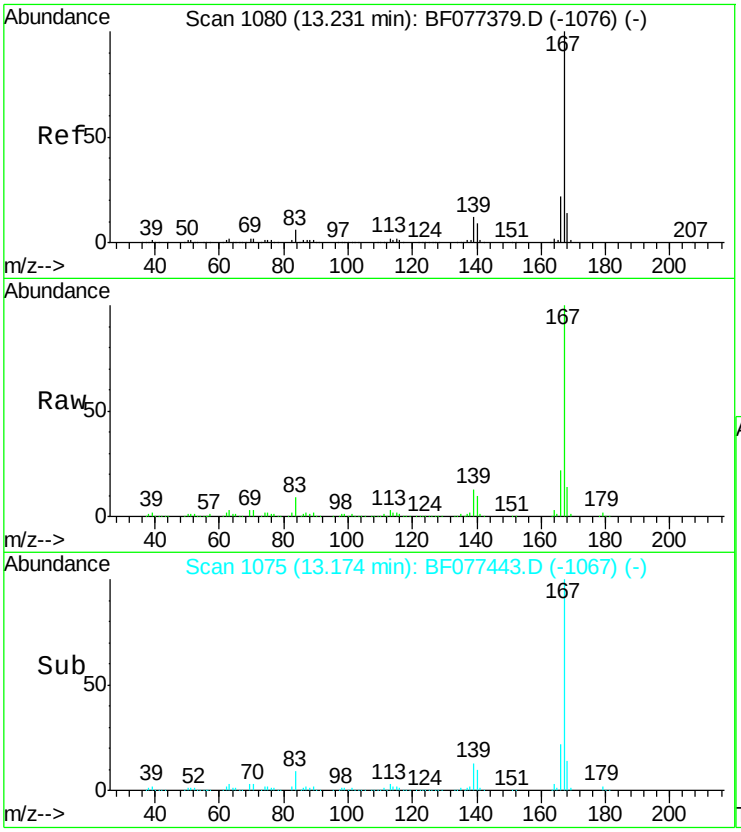




#71
Anthracene
Concen: 30.18 ng
RT: 12.97 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:178 Resp: 636221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.4 | 23.0 |
| 179 | 15.9 | 12.9 | 19.3 |



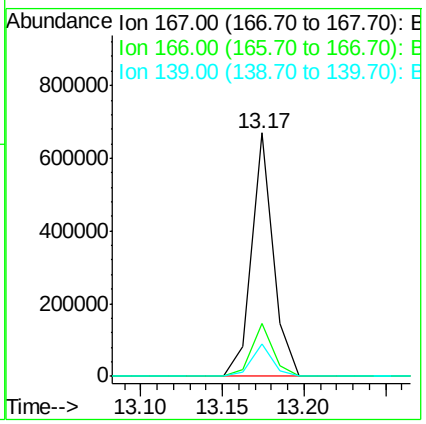


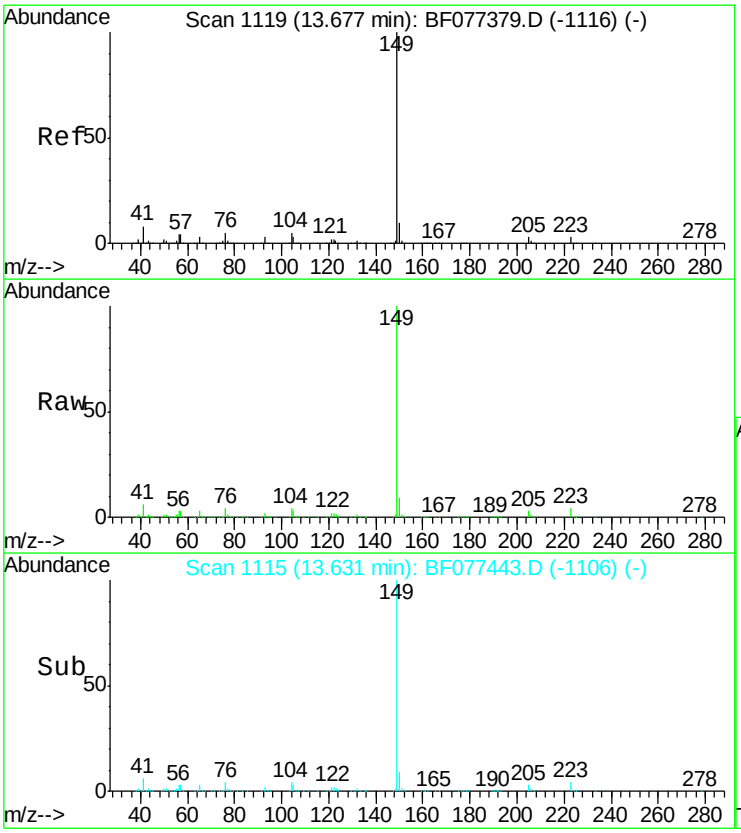

#72
Carbazole
Concen: 30.81 ng
RT: 13.17 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:167 Resp: 617519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.8 | 17.6 | 26.4 |
| 139 | 13.1 | 9.9 | 14.9 |

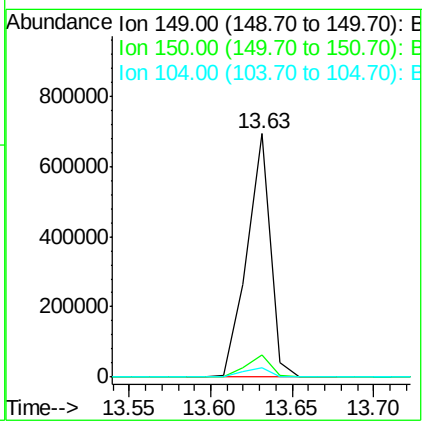


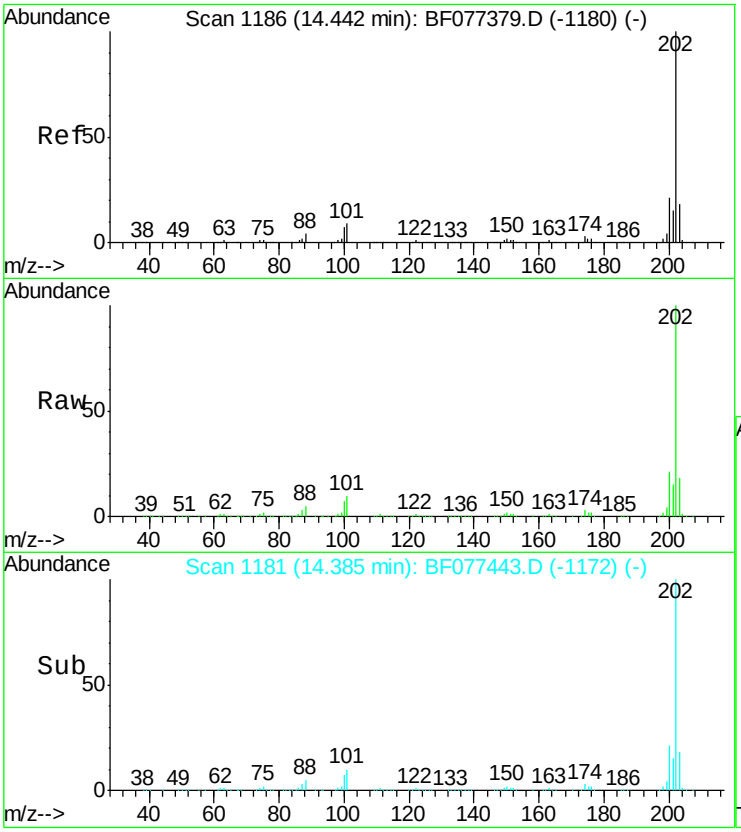




#73
Di-n-butylphthalate
Concen: 29.27 ng
RT: 13.63 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:149 Resp: 688789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.8 | 11.8 |
| 104 | 4.1 | 4.1 | 6.1# |



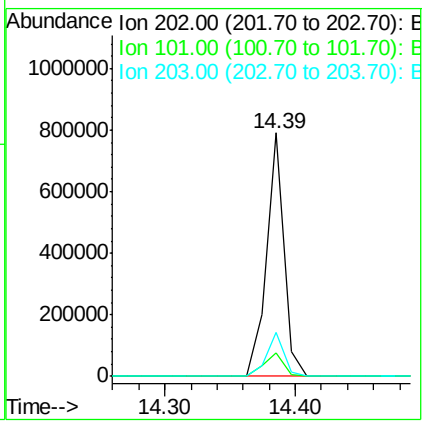


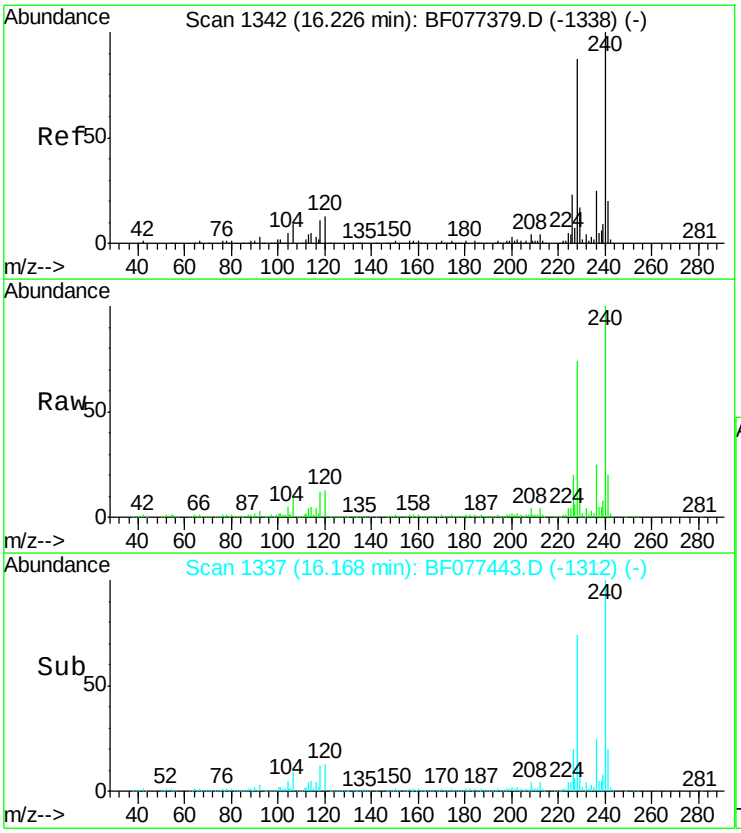

#74
Fluoranthene
Concen: 31.94 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:202 Resp: 741137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.8 | 0.0 | 30.8 |
| 203 | 18.0 | 0.0 | 37.7 |

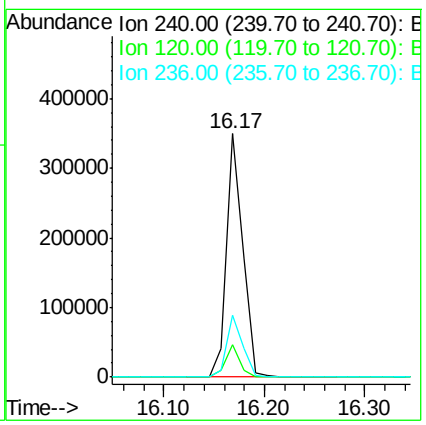


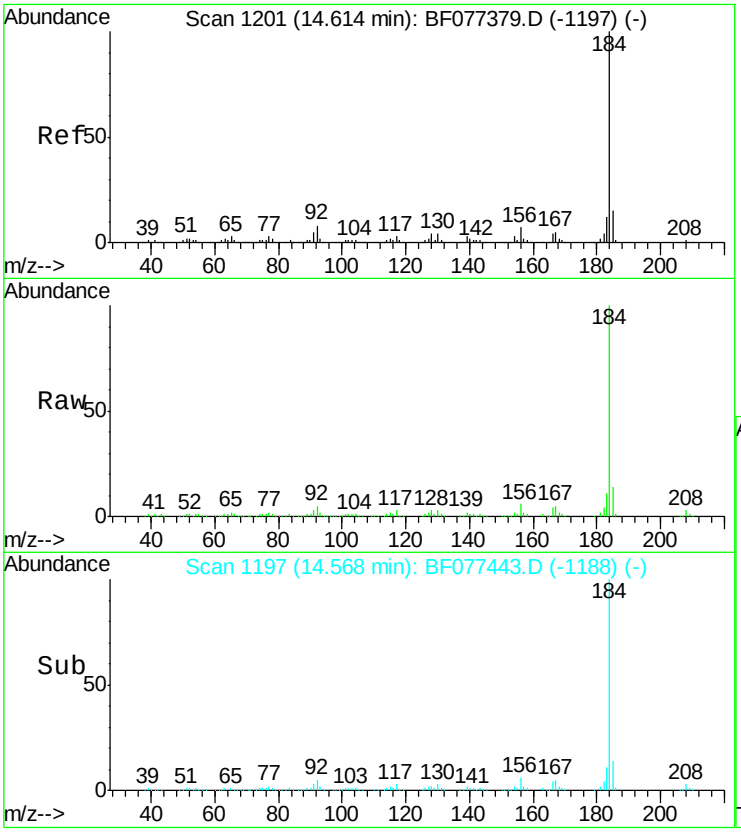




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:240 Resp: 392757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.3 | 8.8 | 13.2# |
| 236 | 25.5 | 20.7 | 31.1 |



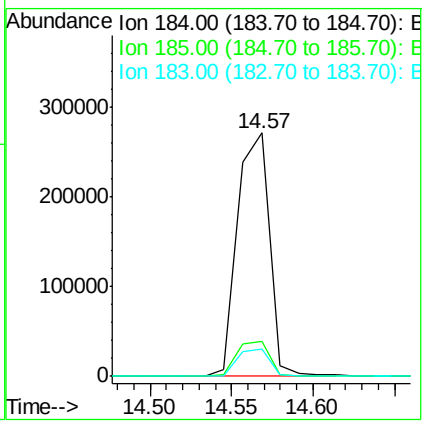


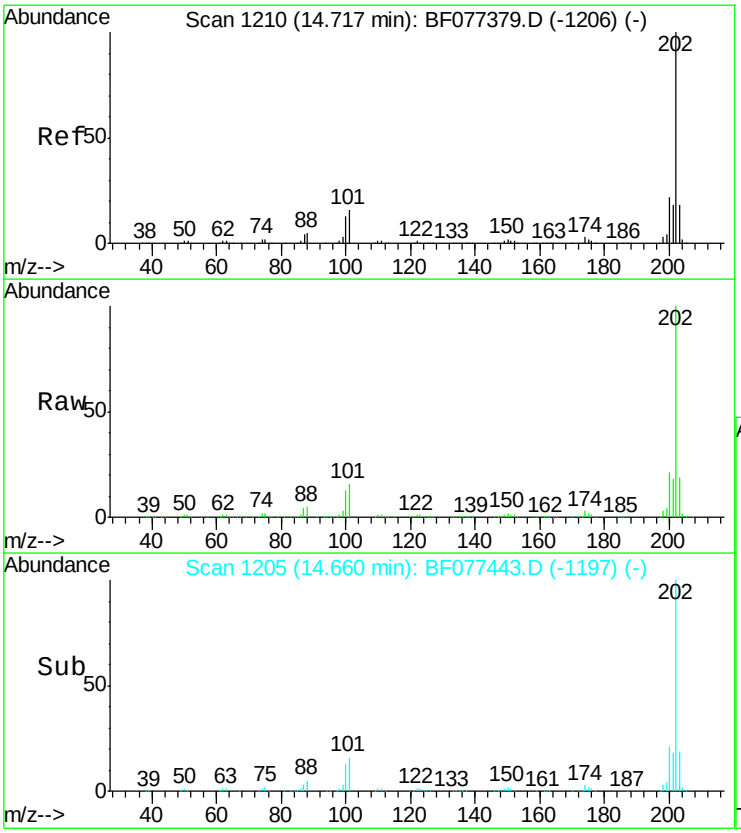

#76
Benzidine
Concen: 27.73 ng
RT: 14.57 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:184 Resp: 367996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 12.6 | 18.8 |
| 183 | 11.3 | 9.3 | 13.9 |

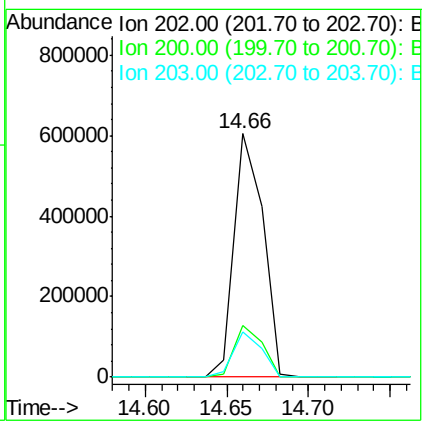


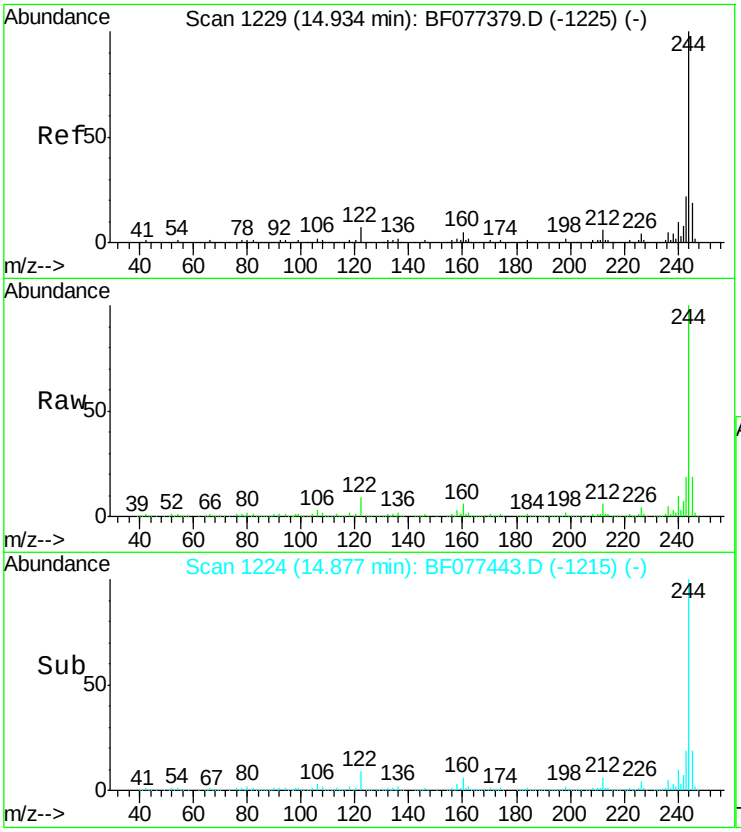




#77
Pyrene
Concen: 30.91 ng
RT: 14.66 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:202 Resp: 742680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.1 | 17.1 | 25.7 |
| 203 | 18.6 | 14.2 | 21.2 |



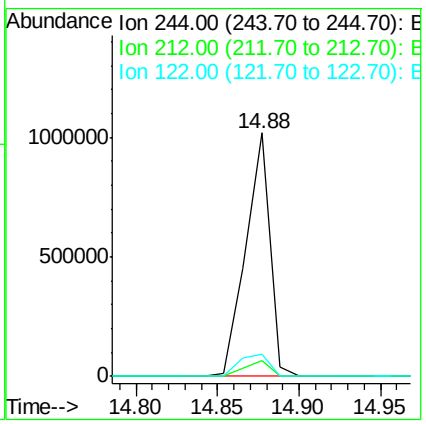


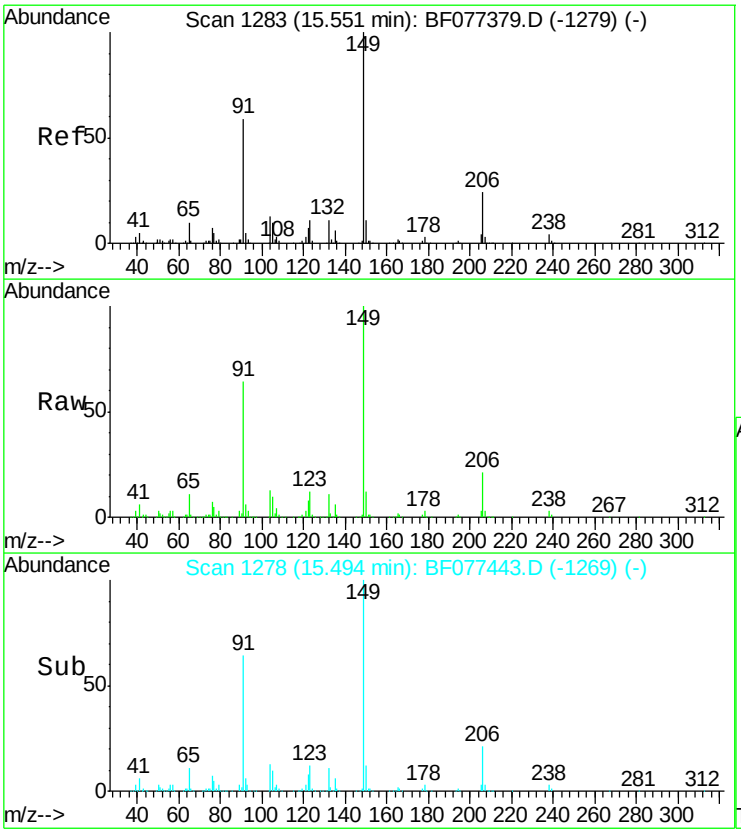

#78
Terphenyl-d14
Concen: 62.23 ng
RT: 14.88 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:244 Resp: 1045553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.3 | 5.2 | 7.8 |
| 122 | 8.9 | 7.8 | 11.8 |

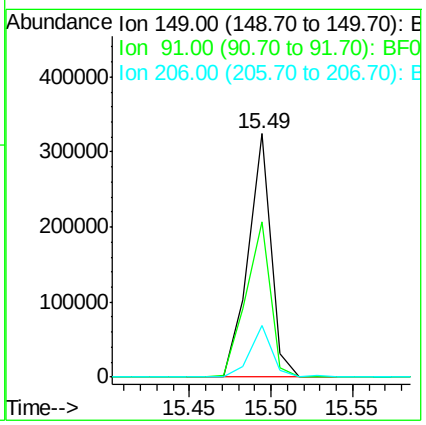


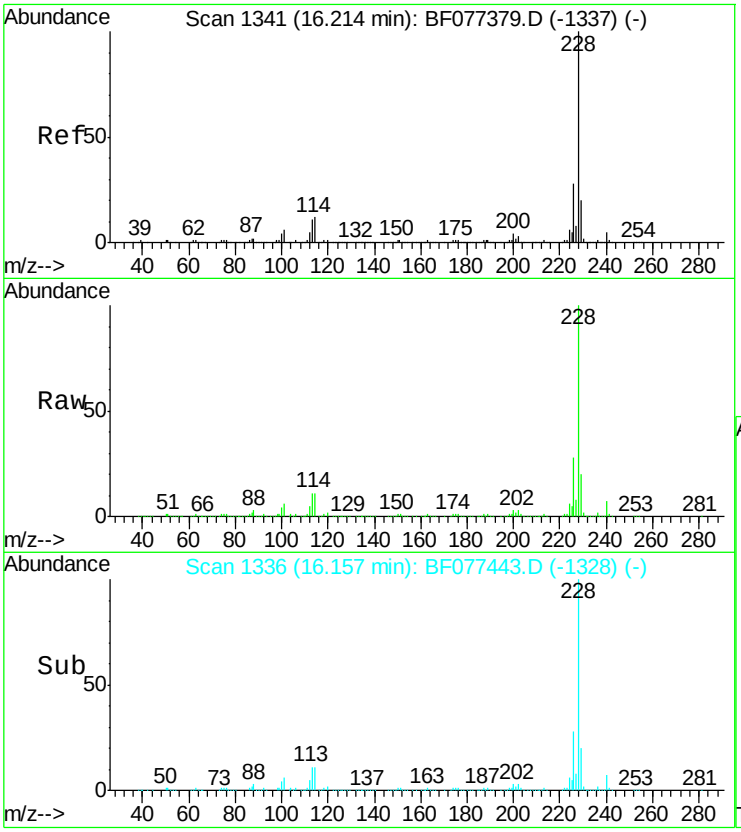




#79
Butylbenzylphthalate
Concen: 31.96 ng
RT: 15.49 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:149 Resp: 315869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.8 | 51.2 | 76.8 |
| 206 | 21.0 | 17.8 | 26.8 |



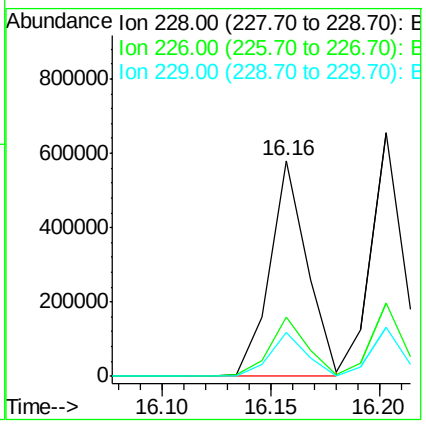


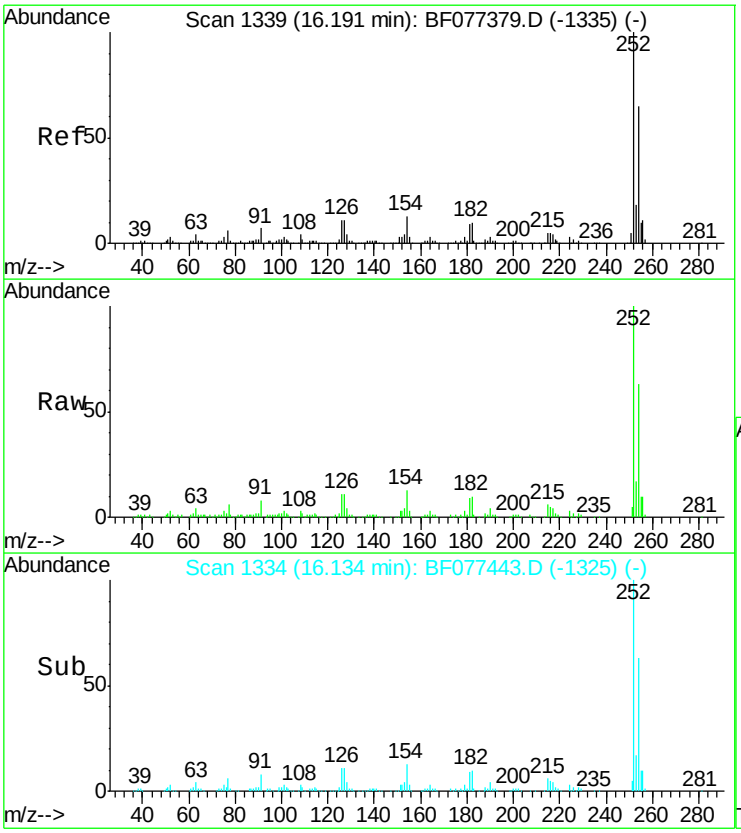

#80
Benzo(a)anthracene
Concen: 30.27 ng
RT: 16.16 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:228 Resp: 696679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 22.0 | 33.0 |
| 229 | 20.2 | 15.8 | 23.8 |

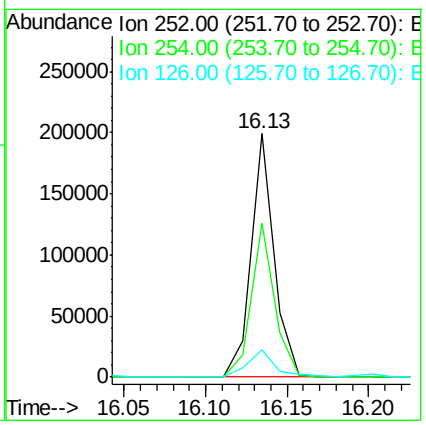


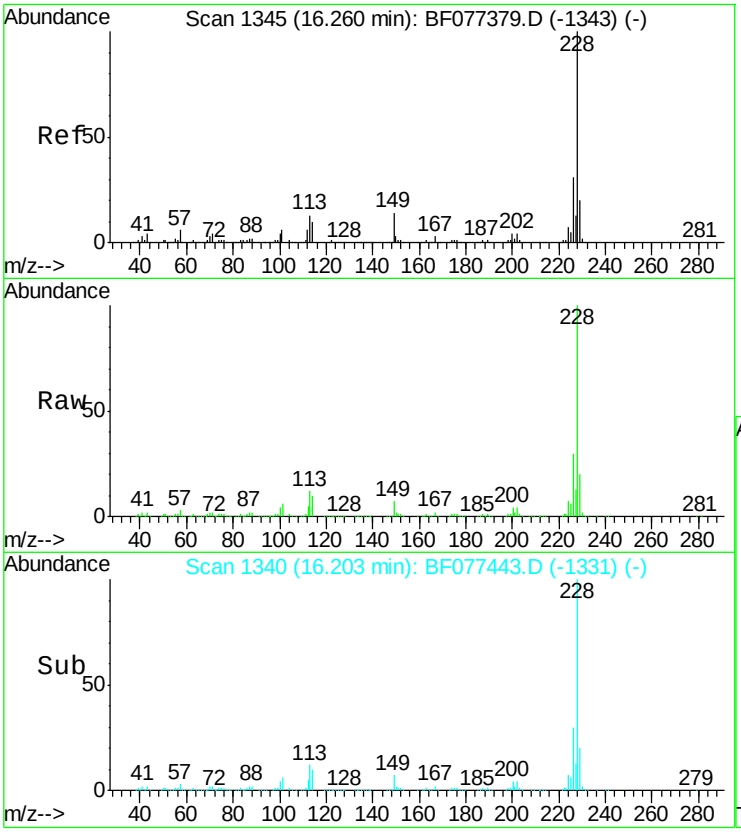




#81
3,3'-Dichlorobenzidine
Concen: 23.18 ng
RT: 16.13 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:252 Resp: 195540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.2 | 52.9 | 79.3 |
| 126 | 11.0 | 7.3 | 10.9# |



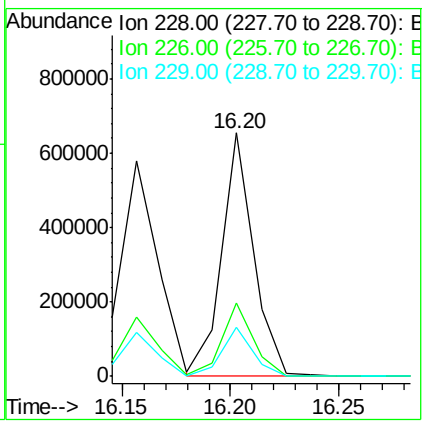


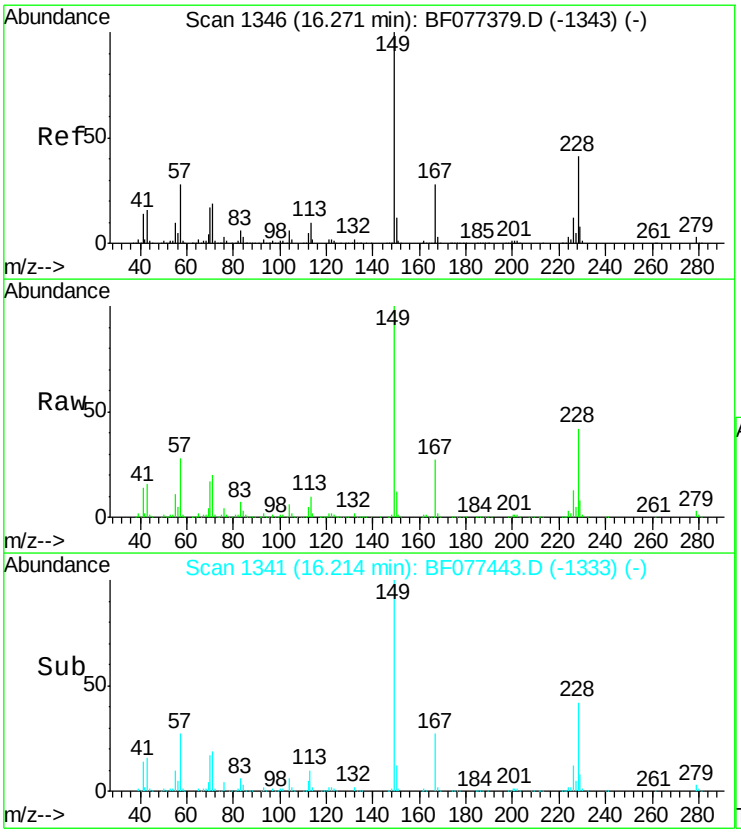

#82
Chrysene
Concen: 30.56 ng
RT: 16.20 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:228 Resp: 660601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.9 | 37.3 |
| 229 | 19.9 | 16.4 | 24.6 |

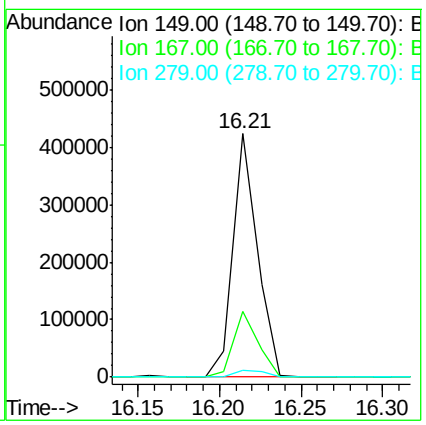


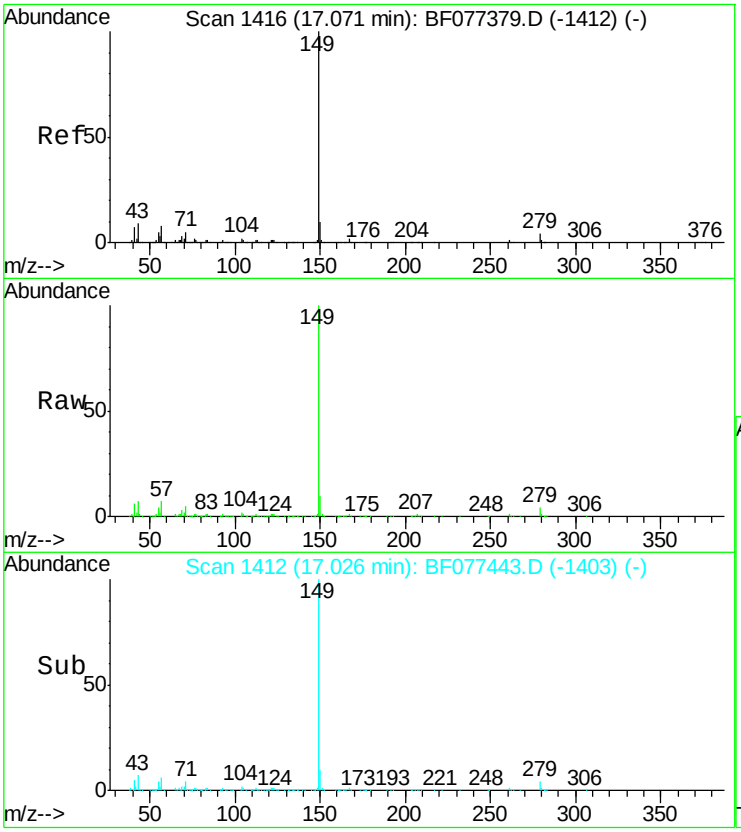




#83
Bis(2-ethylhexyl)phthalate
Concen: 27.47 ng
RT: 16.21 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:149 Resp: 435387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.8 | 22.8 | 34.2 |
| 279 | 3.0 | 3.8 | 5.6# |



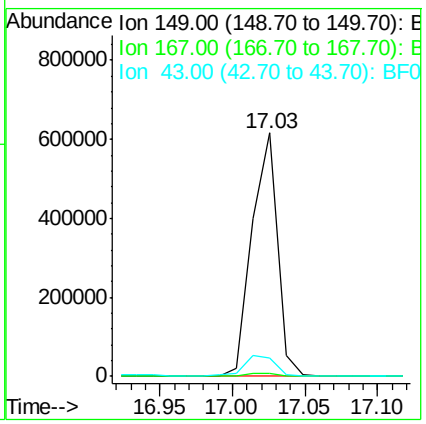


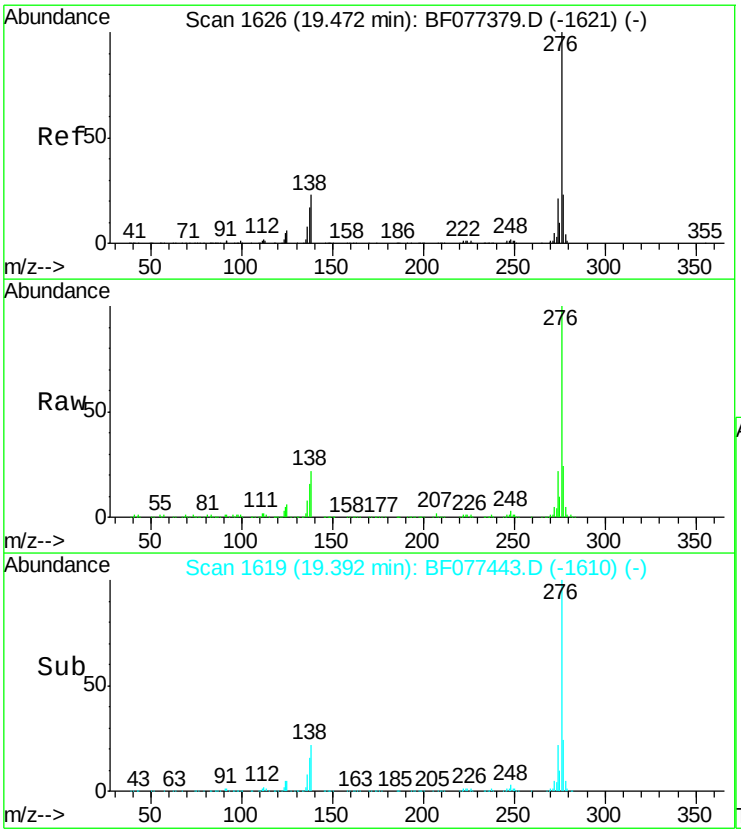

#84
Di-n-octyl phthalate
Concen: 28.40 ng
RT: 17.03 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:149 Resp: 751518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 9.2 | 8.1 | 12.1 |

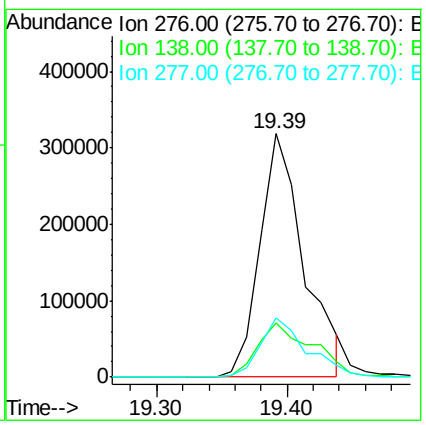


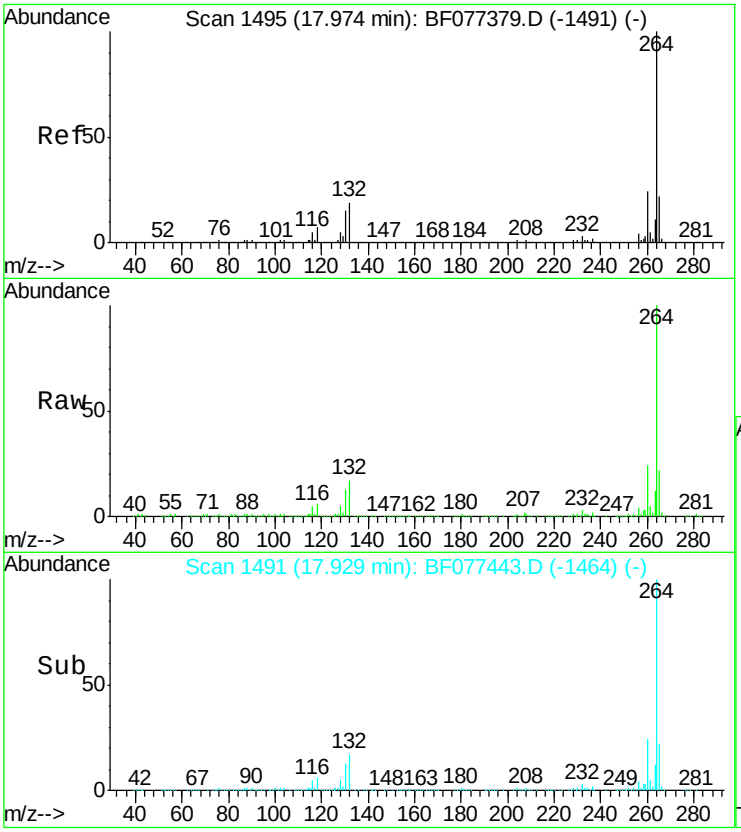




#85
Indeno(1,2,3-cd)pyrene
Concen: 30.50 ng
RT: 19.39 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:276 Resp: 751777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.9 | 21.2 | 31.8 |
| 277 | 25.3 | 20.0 | 30.0 |



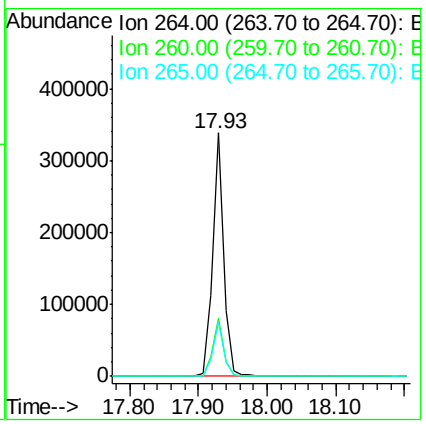


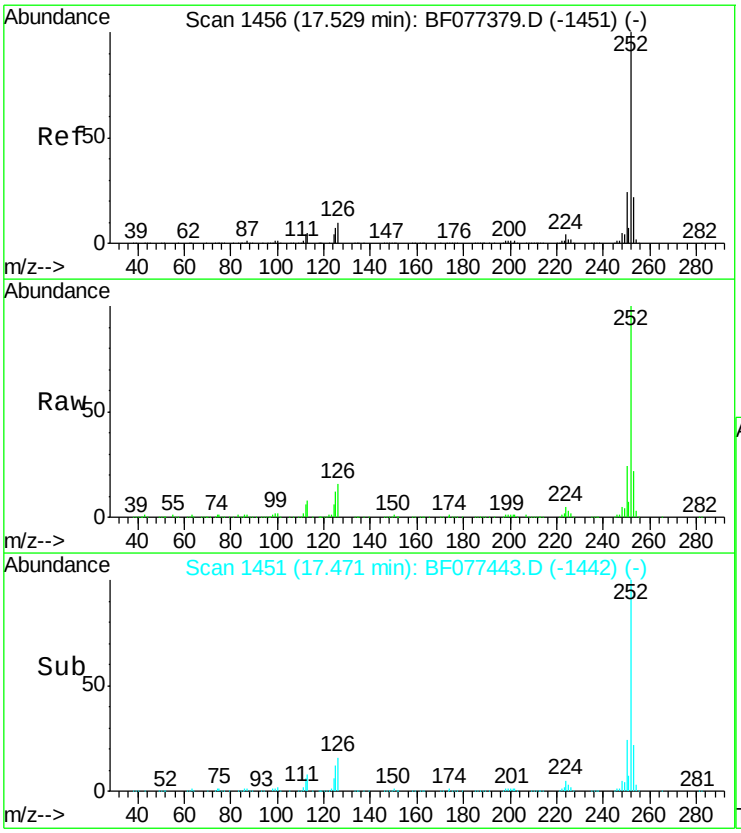

#86
Perylene-d12
Concen: 20.00 ng
RT: 17.93 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:264 Resp: 388957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.3 | 28.9 |
| 265 | 22.1 | 16.8 | 25.2 |

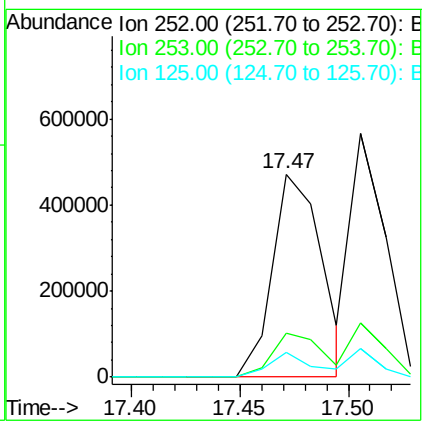


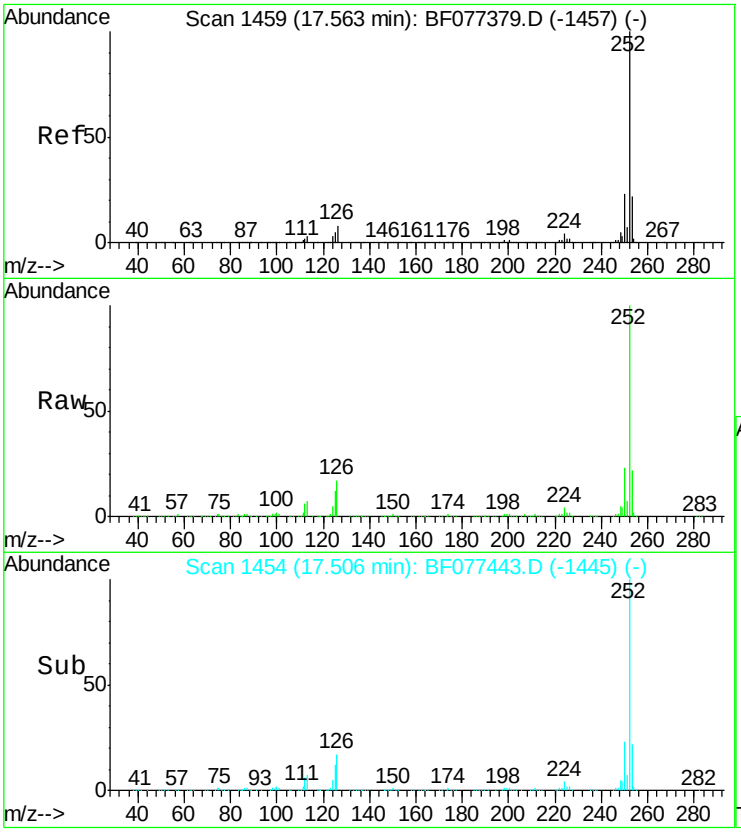




#87
Benzo(b)fluoranthene
Concen: 33.15 ng
RT: 17.47 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:252 Resp: 749840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.6 | 26.4 |
| 125 | 11.9 | 5.4 | 8.2# |



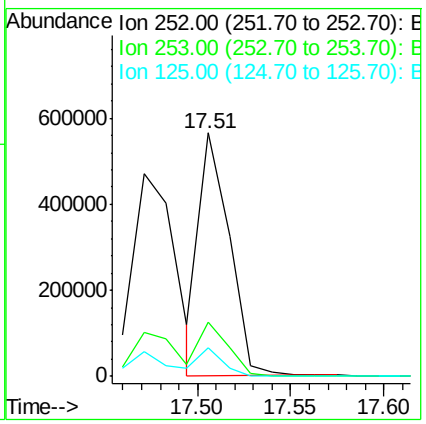


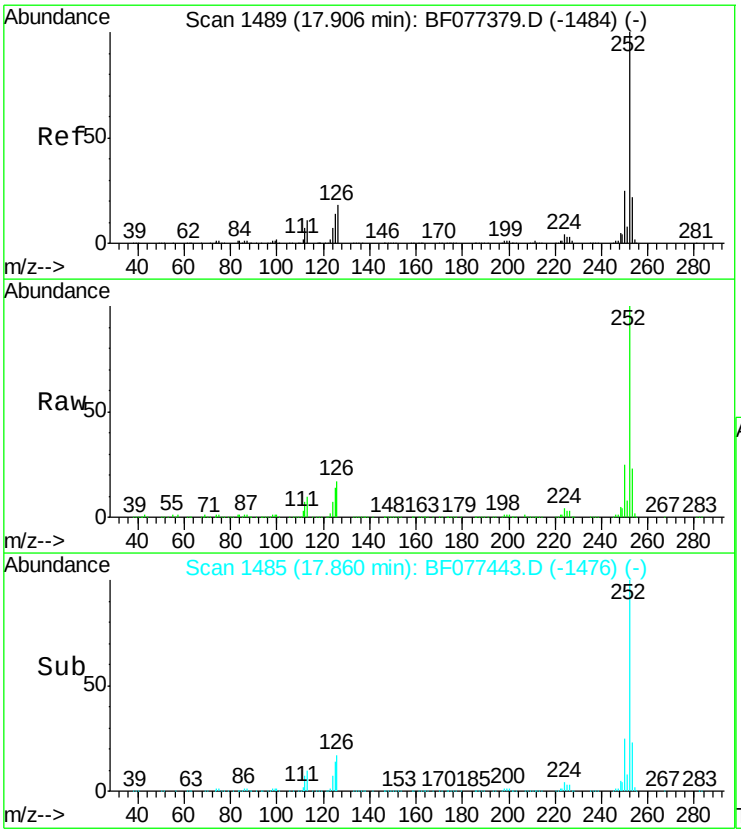

#88
Benzo(k)fluoranthene
Concen: 28.51 ng
RT: 17.51 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:252 Resp: 631991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.1 | 27.1 |
| 125 | 11.9 | 10.1 | 15.1 |

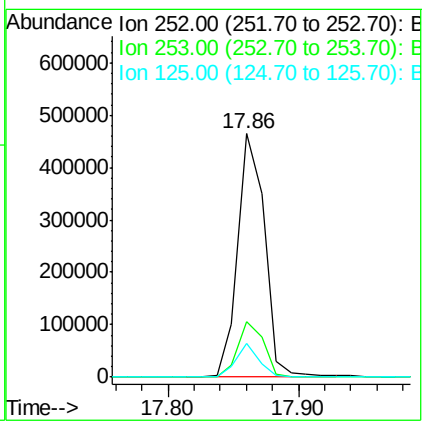


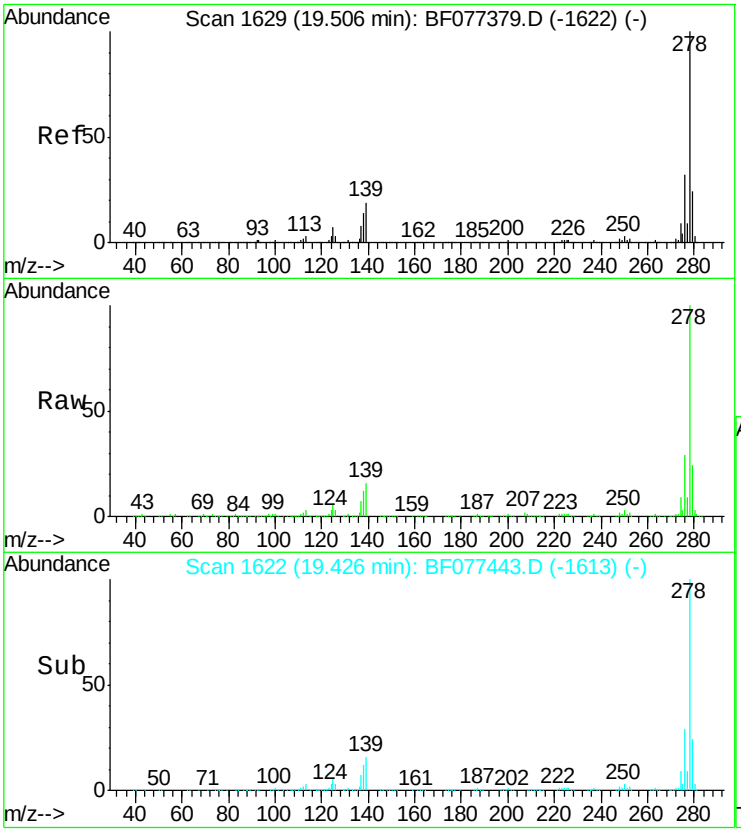




#89
Benzo(a)pyrene
Concen: 30.79 ng
RT: 17.86 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:252 Resp: 663228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.2 | 27.2 |
| 125 | 13.8 | 8.3 | 12.5# |



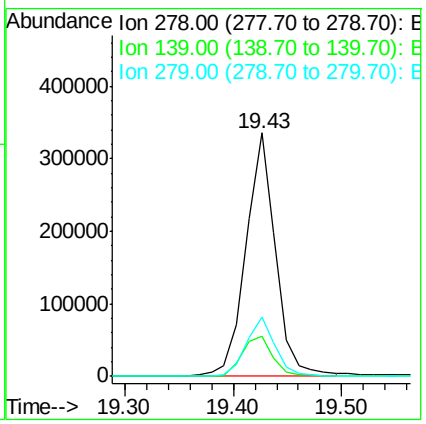


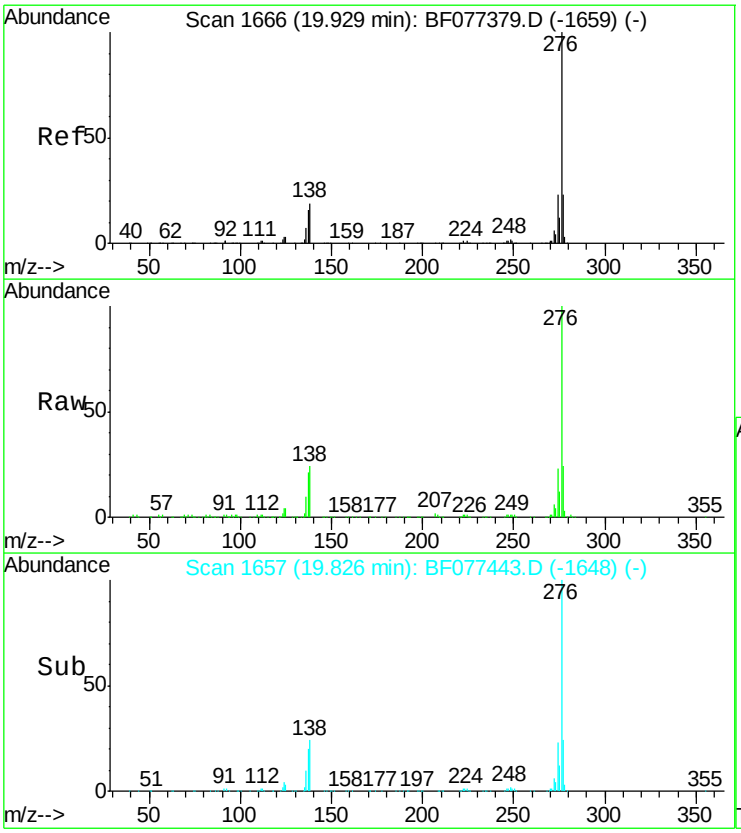

#90
Dibenzo(a,h)anthracene
Concen: 30.89 ng
RT: 19.43 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

**Instrument :**
BNA_F
**ClientSampleId :**
TU012-SB-12-2.5MS

Tgt Ion:278 Resp: 634678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.5 | 14.3 | 21.5 |
| 279 | 24.3 | 19.0 | 28.6 |




#91
Benzo(g,h,i)perylene
Concen: 31.59 ng
RT: 19.83 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF077443.D
Acq: 25 Feb 2015 19:46

Tgt Ion:276 Resp: 654943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.6 | 18.9 | 28.3 |
| 138 | 24.3 | 20.5 | 30.7 |