Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021315\
Data File : BF077315.D
Acq On : 13 Feb 2015 19:07
Operator : TP/IZ
Sample : G1294-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 1004-50(0-2)MSD

Quant Time: Feb 13 22:53:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 13:10:36 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.49 | 152 | 31157 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.41 | 136 | 132906 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.52 | 164 | 66396 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.44 | 188 | 118273 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 20.95 | 240 | 105922 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 22.59 | 264 | 96713 | 20.00 | ng | | -0.05 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.50 | 112 | 227815 | 114.04 | ng | | 0.01 |
| 7) Phenol-d6 | 6.93 | 99 | 300084 | 121.69 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.82 | 82 | 192029 | 82.53 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 69366 | 128.12 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 13.07 | 172 | 361738 | 82.00 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.69 | 244 | 340787 | 72.27 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.02 | 88 | 23280 | 30.97 | ng | # | 95 |
| 3) Pyridine | 1.44 | 79 | 64163 | 32.21 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 1.40 | 42 | 38576 | 35.76 | ng | | 98 |
| 6) Aniline | 6.78 | 93 | 66805 | 20.48 | ng | | 98 |
| 8) 2-Chlorophenol | 7.02 | 128 | 84422 | 37.34 | ng | | 96 |
| 9) Benzaldehyde | 6.56 | 77 | 3837 | 2.53 | ng | # | 87 |
| 10) Phenol | 6.96 | 94 | 99438 | 39.23 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.05 | 93 | 75837 | 37.54 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.33 | 146 | 91671 | 36.68 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.54 | 146 | 89816 | 34.85 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.85 | 146 | 89106 | 36.49 | ng | | 97 |
| 15) Benzyl Alcohol | 7.96 | 79 | 74255 | 38.02 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.30 | 45 | 105332 | 37.21 | ng | | 97 |
| 17) 2-Methylphenol | 8.32 | 107 | 67863 | 38.81 | ng | # | 89 |
| 18) Hexachloroethane | 8.59 | 117 | 33385 | 35.66 | ng | | 89 |
| 19) n-Nitroso-di-n-propylamine | 8.59 | 70 | 65020 | 37.50 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.72 | 107 | 78447 | 34.79 | ng | | 94 |
| 22) Acetophenone | 8.51 | 105 | 128029 | 40.11 | ng | | 99 |
| 24) Nitrobenzene | 8.85 | 77 | 89444 | 38.77 | ng | | 98 |
| 25) Isophorone | 9.46 | 82 | 168226 | 40.11 | ng | | 96 |
| 26) 2-Nitrophenol | 9.60 | 139 | 41866 | 36.87 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.89 | 122 | 75965 | 40.30 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 10.10 | 93 | 104684 | 41.00 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.21 | 162 | 61478 | 35.69 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.33 | 180 | 74077 | 38.04 | ng | | 95 |
| 31) Naphthalene | 10.45 | 128 | 250794 | 38.23 | ng | | 99 |
| 32) Benzoic acid | 10.32 | 122 | 232 | 14.23 | ng | # | 1 |
| 33) 4-Chloroaniline | 10.73 | 127 | 55307 | 20.90 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.82 | 225 | 41373 | 37.40 | ng | | 97 |
| 35) Caprolactam | 11.56 | 113 | 13369 | 25.66 | ng | # | 89 |
| 36) 4-Chloro-3-methylphenol | 12.04 | 107 | 73687 | 38.24 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.11 | 142 | 181207 | 36.85 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.51 | 216 | 70179 | 42.00 | ng | # | 100 |
| 40) Hexachlorocyclopentadiene | 12.50 | 237 | 64656 | 78.75 | ng | | 99 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021315\
Data File : BF077315.D
Acq On : 13 Feb 2015 19:07
Operator : TP/IZ
Sample : G1294-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** 1004-50(0-2)MSD

Quant Time: Feb 13 22:53:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 13:10:36 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 12.88 | 196 | 45421 | 41.37 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 12.98 | 196 | 39448 | 36.68 | ng | | 91 |
| 45) 1,1'-Biphenyl | 13.27 | 154 | 207461 | 40.55 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.23 | 162 | 165315 | 40.46 | ng | | 98 |
| 47) 2-Nitroaniline | 13.60 | 65 | 53273 | 44.62 | ng | | 97 |
| 48) Acenaphthylene | 14.18 | 152 | 268731 | 41.68 | ng | | 98 |
| 49) Dimethylphthalate | 14.16 | 163 | 219864 | 45.79 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 14.25 | 165 | 43693 | 47.06 | ng | | 86 |
| 51) Acenaphthene | 14.60 | 154 | 149408 | 40.02 | ng | | 97 |
| 52) 3-Nitroaniline | 14.59 | 138 | 35509 | 31.27 | ng | | 98 |
| 53) 2,4-Dinitrophenol | 14.89 | 184 | 19015 | 62.27 | ng | # | 72 |
| 54) Dibenzofuran | 15.03 | 168 | 232958 | 40.35 | ng | | 98 |
| 55) 4-Nitrophenol | 15.23 | 139 | 43756 | 79.17 | ng | | 96 |
| 56) 2,4-Dinitrotoluene | 15.19 | 165 | 58671 | 44.22 | ng | | 98 |
| 57) Fluorene | 15.80 | 166 | 190061 | 40.21 | ng | | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.40 | 232 | 33276 | 45.78 | ng | # | 100 |
| 59) Diethylphthalate | 15.83 | 149 | 218733 | 43.75 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.91 | 204 | 85930 | 43.73 | ng | | 93 |
| 61) 4-Nitroaniline | 15.99 | 138 | 39913 | 37.65 | ng | | 95 |
| 62) Azobenzene | 16.21 | 77 | 221384 | 46.42 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 16.07 | 198 | 23368 | 36.10 | ng | | 98 |
| 65) n-Nitrosodiphenylamine | 16.17 | 169 | 164776 | 39.06 | ng | | 97 |
| 66) 4-Bromophenyl-phenylether | 16.80 | 248 | 49465 | 40.02 | ng | | 92 |
| 67) Hexachlorobenzene | 16.81 | 284 | 50783 | 40.35 | ng | # | 82 |
| 68) Atrazine | 17.20 | 200 | 57435 | 42.98 | ng | | 90 |
| 69) Pentachlorophenol | 17.20 | 266 | 26586 | 69.40 | ng | | 95 |
| 70) Phenanthrene | 17.47 | 178 | 273929 | 38.40 | ng | | 99 |
| 71) Anthracene | 17.55 | 178 | 274424 | 38.34 | ng | | 99 |
| 72) Carbazole | 17.85 | 167 | 259200 | 37.92 | ng | | 98 |
| 73) Di-n-butylphthalate | 18.45 | 149 | 358718 | 41.23 | ng | | 99 |
| 74) Fluoranthene | 19.13 | 202 | 269606 | 36.69 | ng | | 96 |
| 76) Benzidine | 19.38 | 184 | 137320 | 31.98 | ng | | 99 |
| 77) Pyrene | 19.41 | 202 | 277705 | 39.31 | ng | | 97 |
| 79) Butylbenzylphthalate | 20.36 | 149 | 154306 | 43.14 | ng | | 88 |
| 80) Benzo(a)anthracene | 20.93 | 228 | 240003 | 36.81 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 20.96 | 252 | 61077 | 26.72 | ng | # | 94 |
| 82) Chrysene | 20.98 | 228 | 221296 | 37.46 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 21.11 | 149 | 237011 | 44.53 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 21.86 | 149 | 407273 | 44.50 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 23.70 | 276 | 204147 | 35.54 | ng | # | 100 |
| 87) Benzo(b)fluoranthene | 22.18 | 252 | 247151 | 35.89 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 22.18 | 252 | 247151 | 47.51 | ng | # | 94 |
| 89) Benzo(a)pyrene | 22.53 | 252 | 213330 | 37.20 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 23.72 | 278 | 194233 | 38.14 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 23.96 | 276 | 184916 | 36.70 | ng | # | 94 |

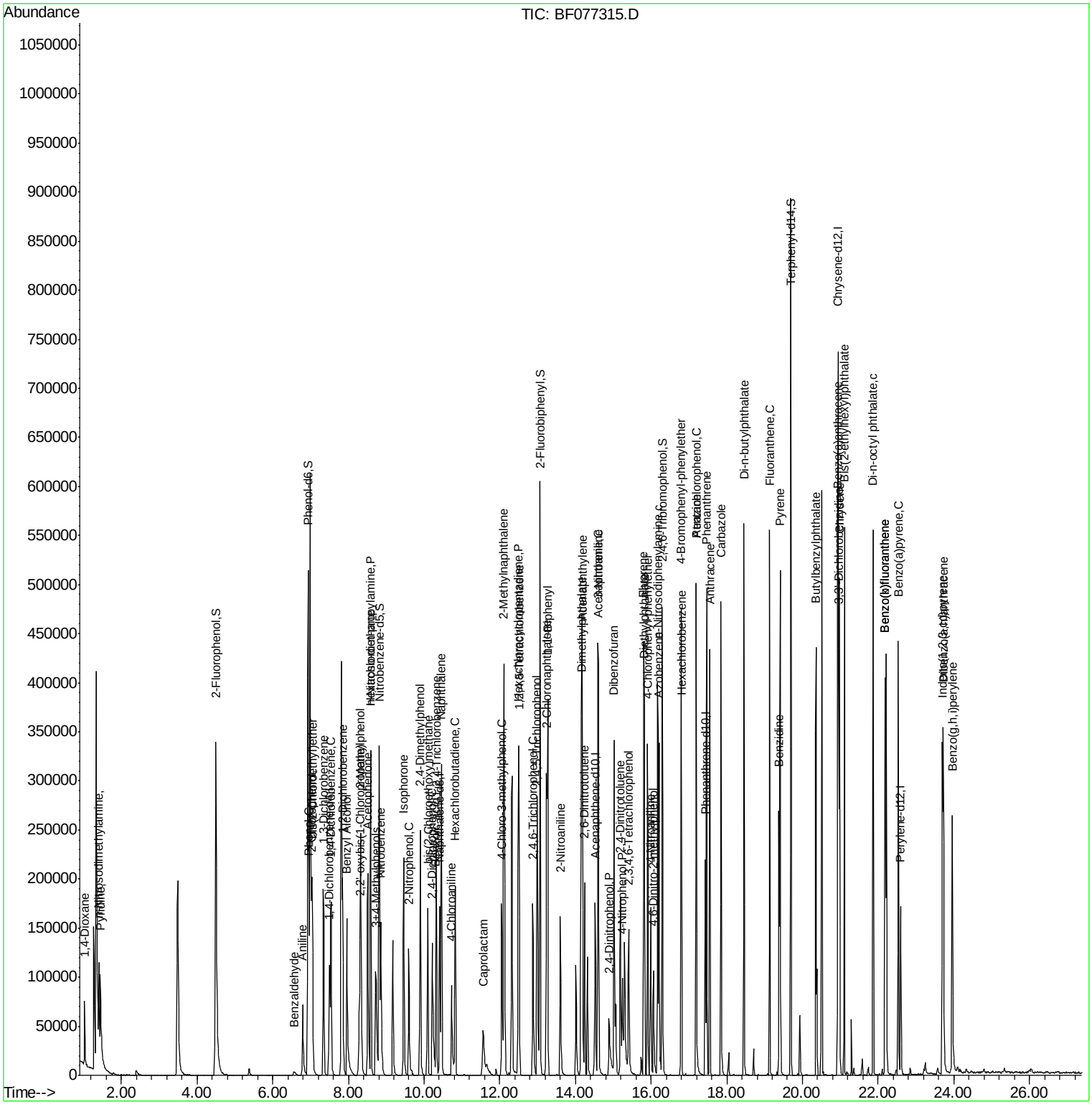
(#) = qualifier out of range (m) = manual integration (+) = signals summed

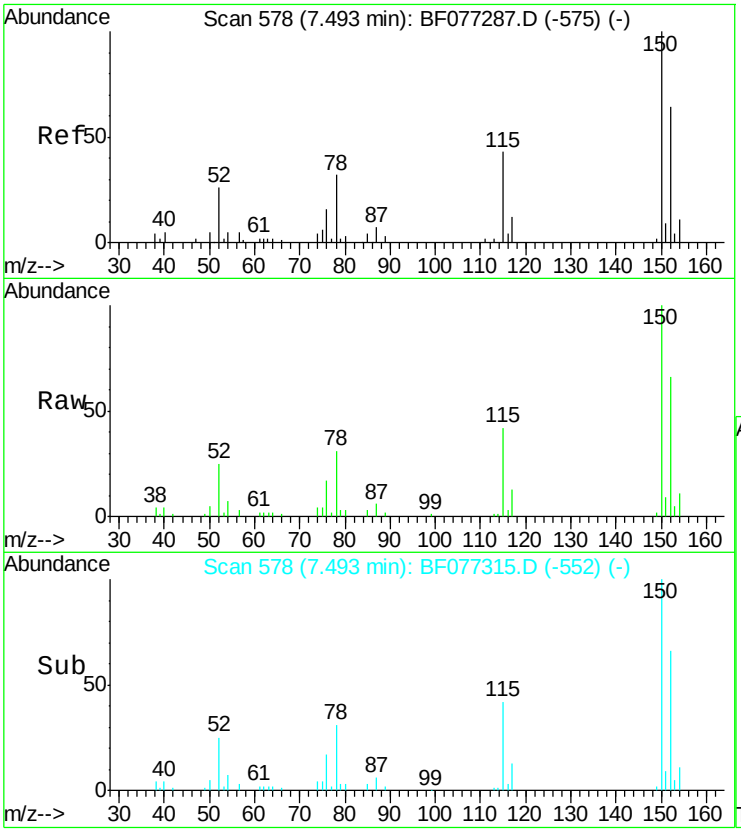
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021315\
Data File : BF077315.D
Acq On : 13 Feb 2015 19:07
Operator : TP/IZ
Sample : G1294-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Quant Time: Feb 13 22:53:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 13:10:36 2015
Response via : Initial Calibration



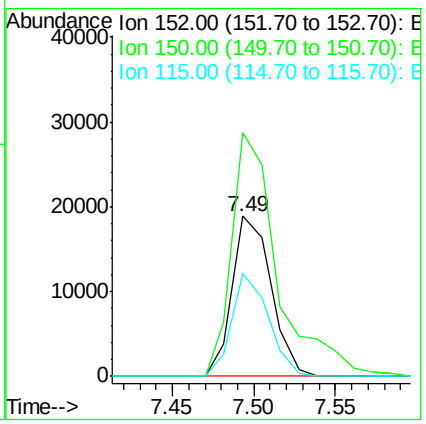


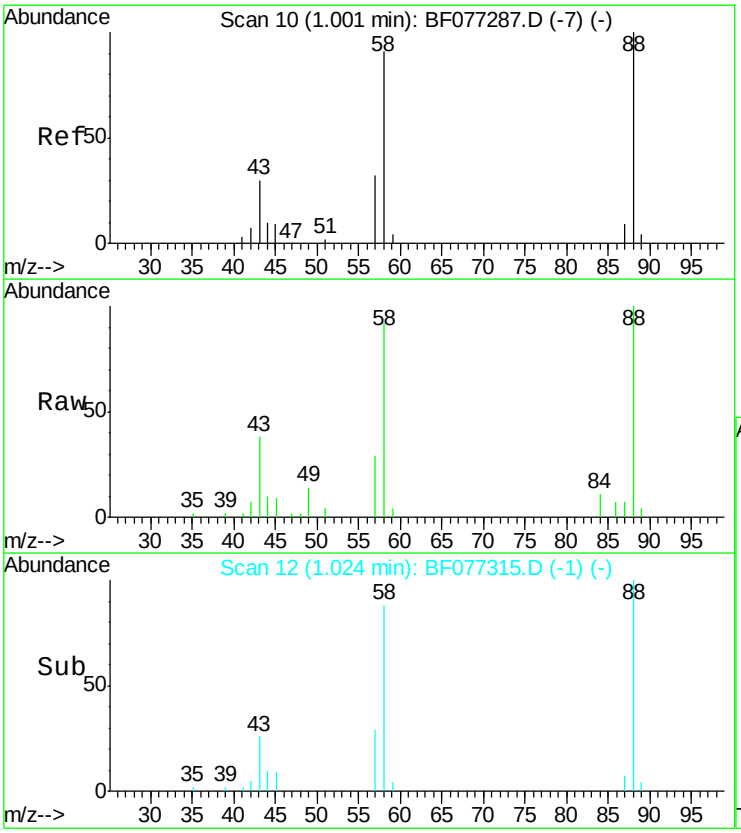

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:152 Resp: 31157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.2 | 124.9 | 187.3 |
| 115 | 64.5 | 54.1 | 81.1 |

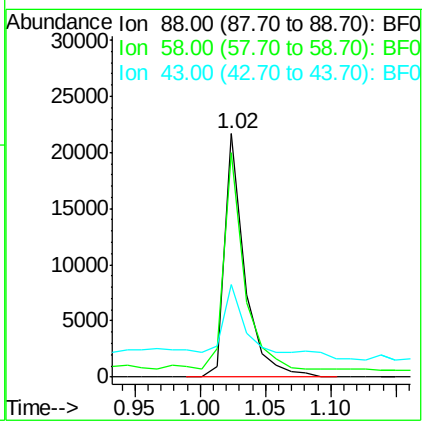


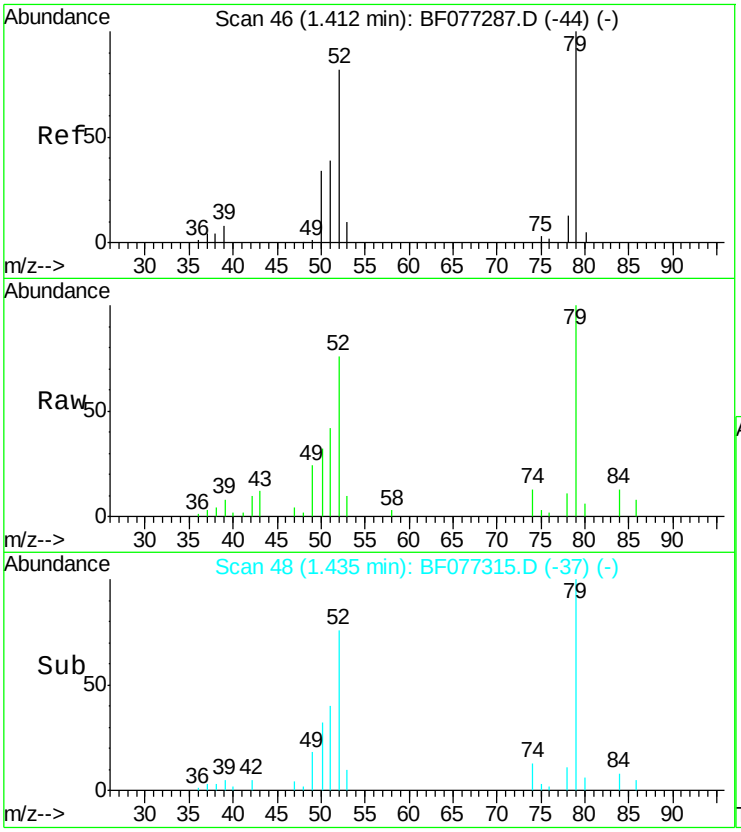




#2
1,4-Dioxane
Concen: 30.97 ng
RT: 1.02 min Scan# 12
Delta R.T. 0.02 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 88 Resp: 23280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 94.5 | 77.0 | 115.6 |
| 43 | 42.8 | 28.1 | 42.1# |



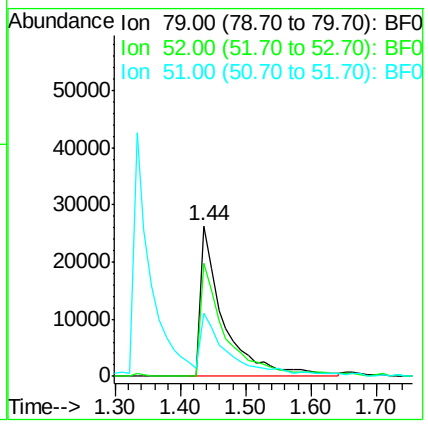


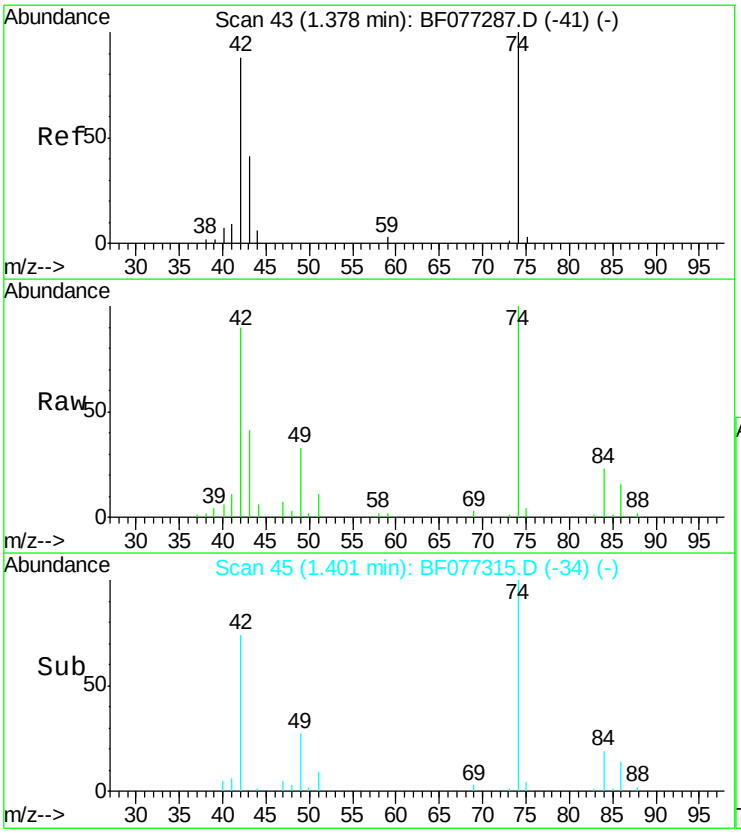

#3
Pyridine
Concen: 32.21 ng
RT: 1.44 min Scan# 48
Delta R.T. 0.02 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion: 79 Resp: 64163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 75.5 | 65.3 | 97.9 |
| 51 | 42.4 | 35.4 | 53.0 |

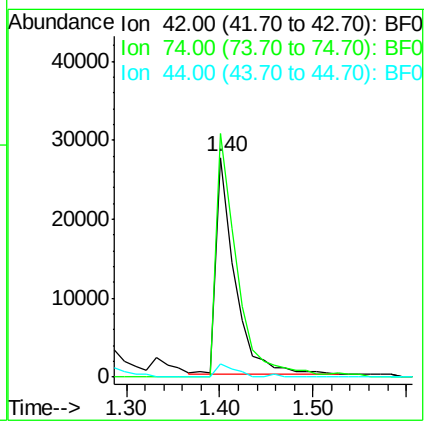


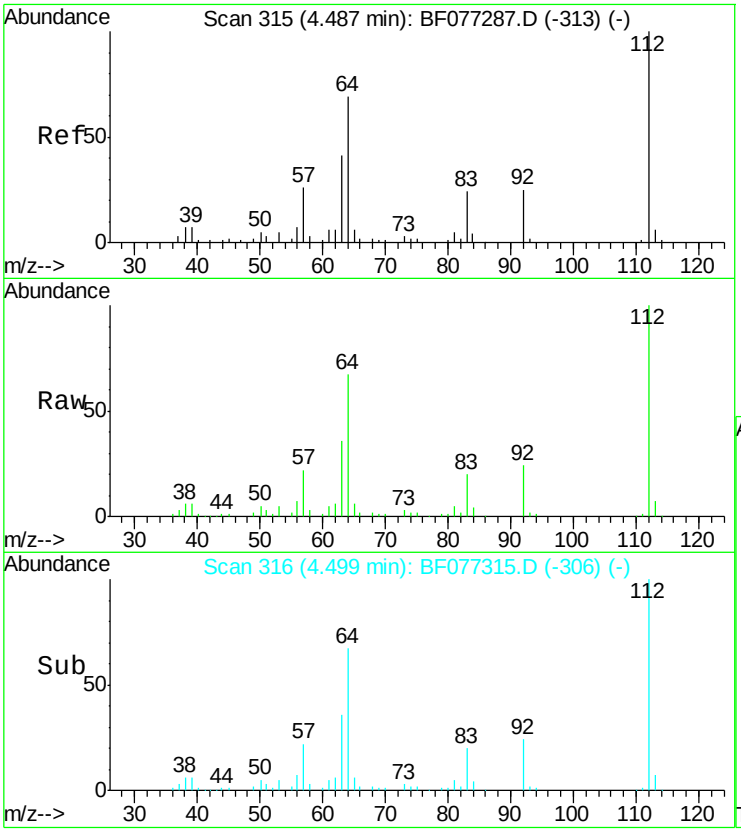




#4
n-Nitrosodimethylamine
Concen: 35.76 ng
RT: 1.40 min Scan# 45
Delta R.T. 0.02 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 42 Resp: 38576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 111.0 | 90.8 | 136.2 |
| 44 | 6.3 | 5.8 | 8.6 |



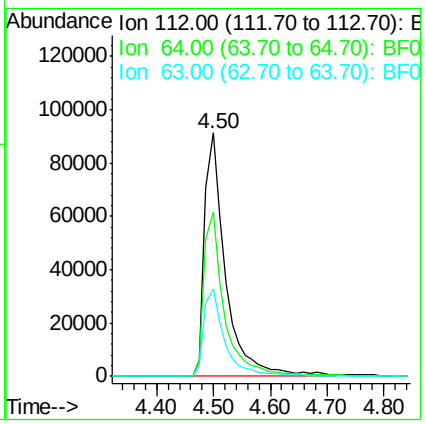


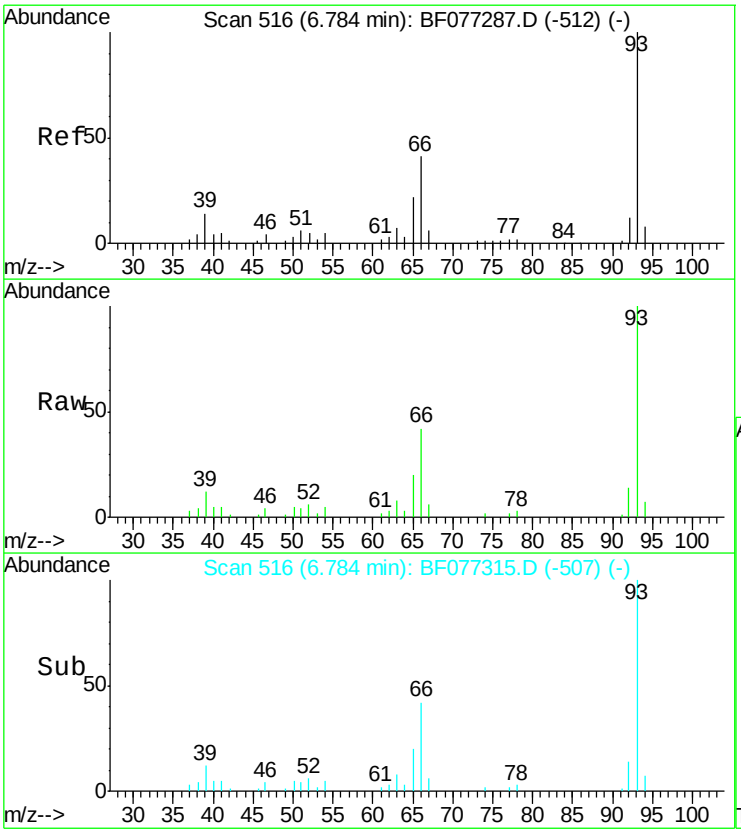

#5
2-Fluorophenol
Concen: 114.04 ng
RT: 4.50 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:112 Resp: 227815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.5 | 55.0 | 82.4 |
| 63 | 36.1 | 33.0 | 49.6 |

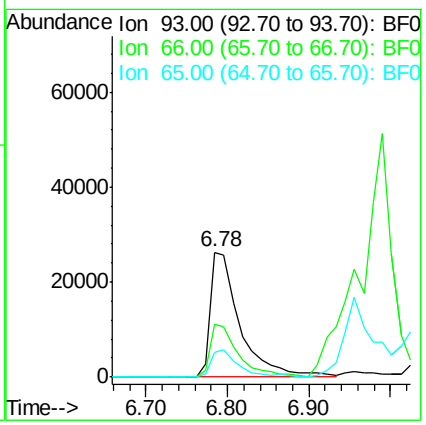


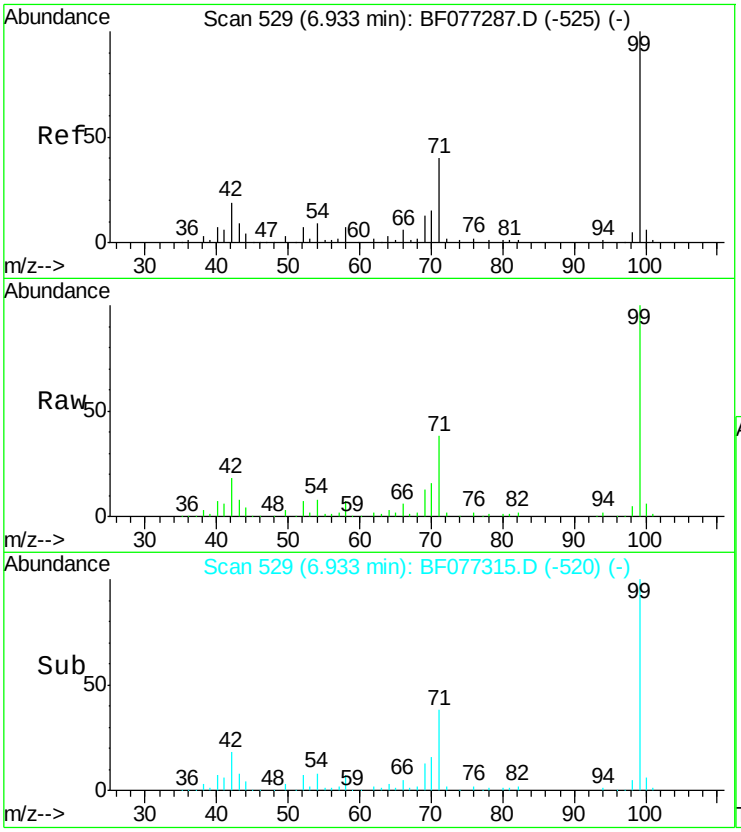




#6
Aniline
Concen: 20.48 ng
RT: 6.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 93 Resp: 66805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.4 | 33.1 | 49.7 |
| 65 | 20.2 | 17.2 | 25.8 |



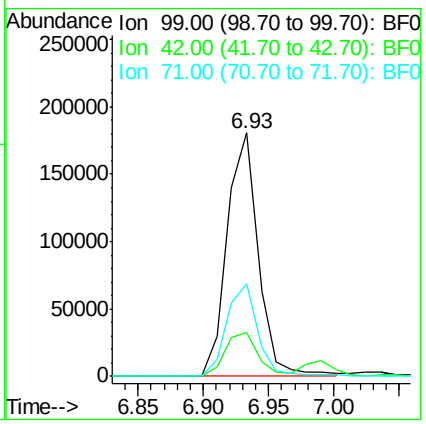


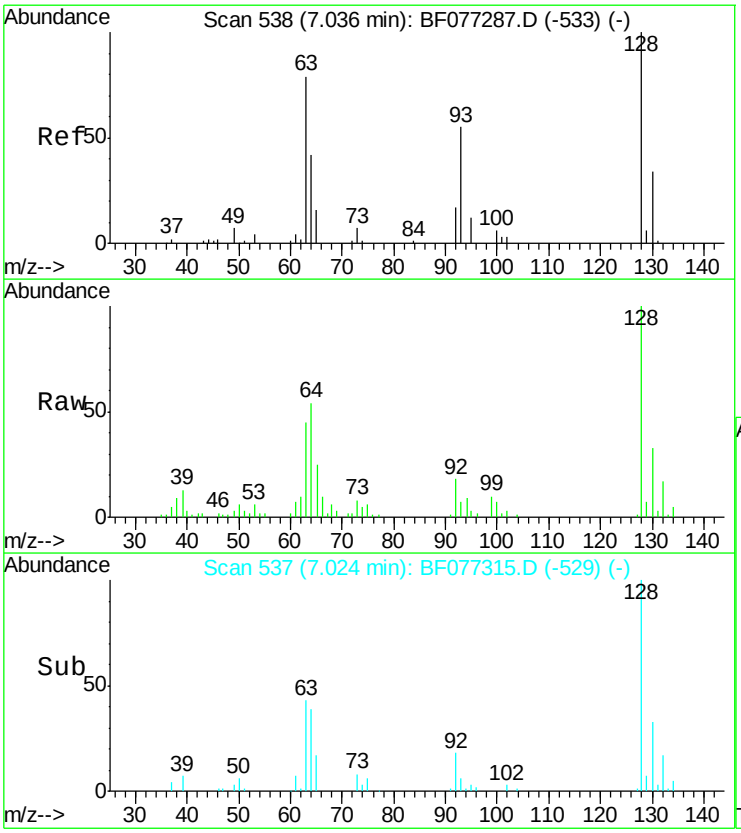

#7
Phenol-d6
Concen: 121.69 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion: 99 Resp: 300084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.9 | 15.0 | 22.4 |
| 71 | 38.0 | 31.8 | 47.6 |

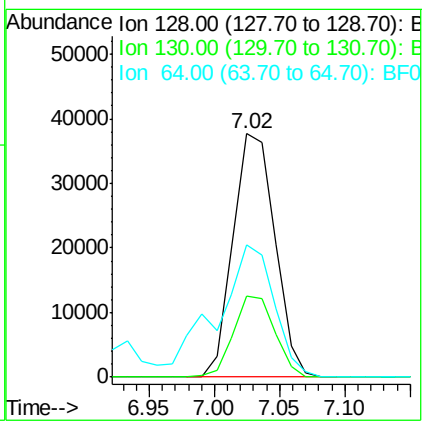


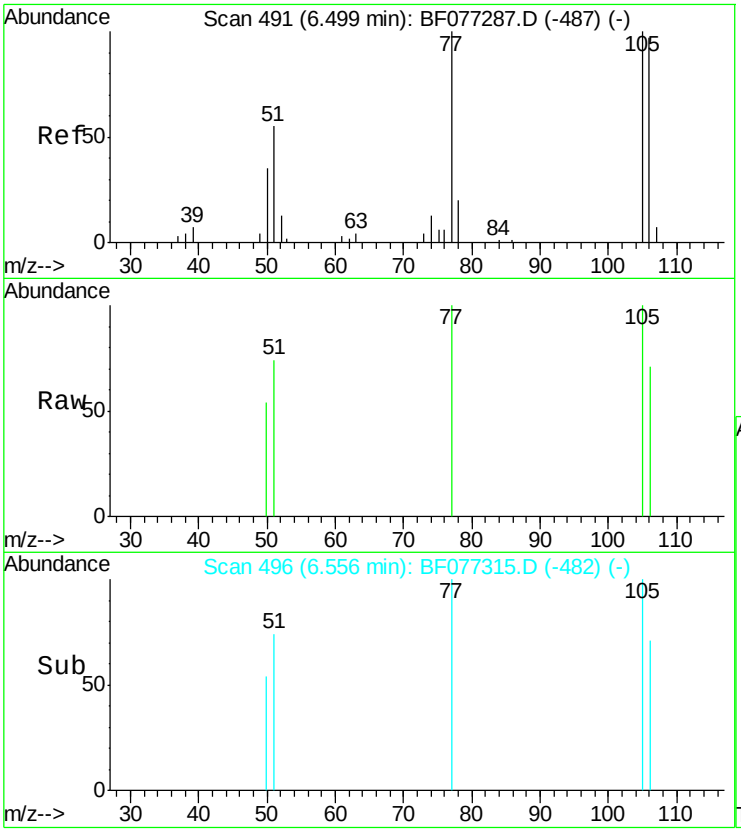




#8
2-Chlorophenol
Concen: 37.34 ng
RT: 7.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:128 Resp: 84422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.3 | 14.4 | 54.4 |
| 64 | 54.1 | 30.4 | 70.4 |



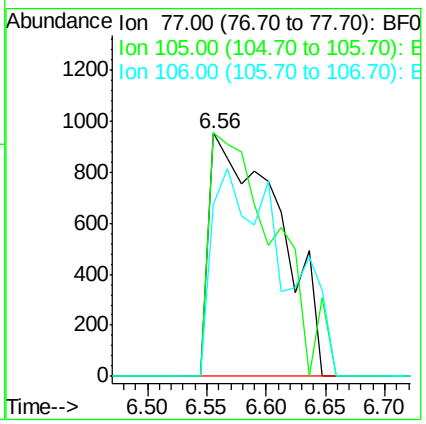


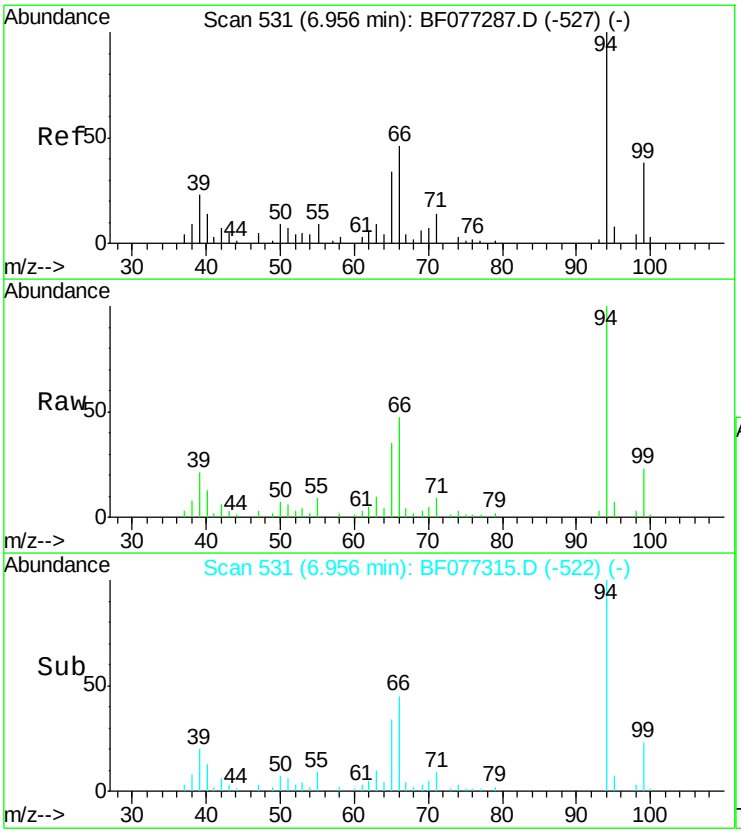

#9
Benzaldehyde
Concen: 2.53 ng
RT: 6.56 min Scan# 496
Delta R.T. 0.06 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion: 77 Resp: 3837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.2 | 80.4 | 120.4 |
| 106 | 70.7 | 77.5 | 117.5# |

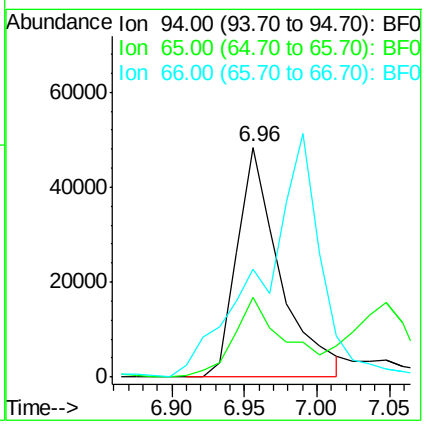


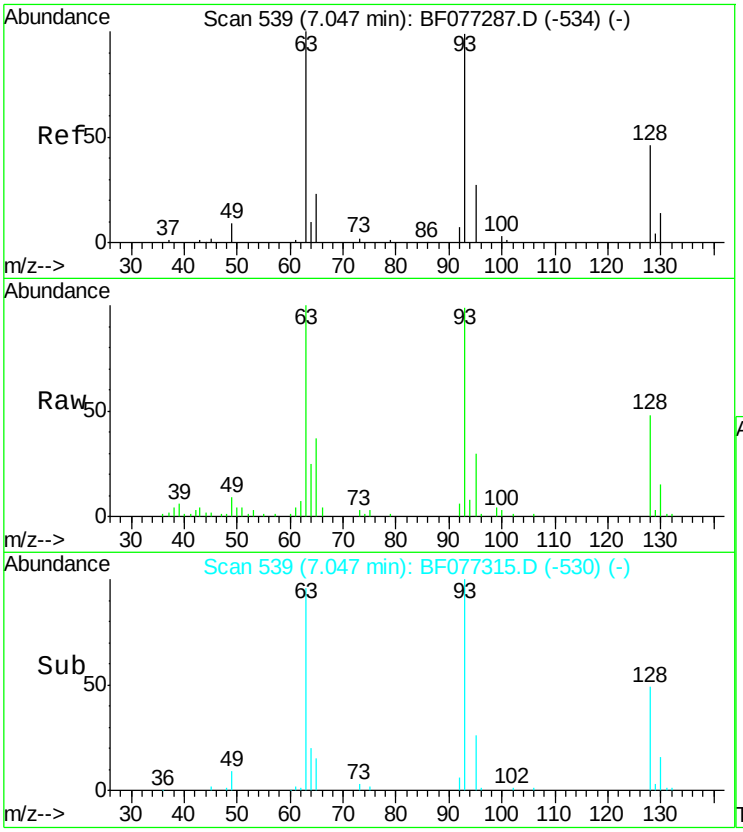




#10
Phenol
Concen: 39.23 ng
RT: 6.96 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 94 Resp: 99438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.8 | 14.2 | 54.2 |
| 66 | 46.8 | 25.7 | 65.7 |



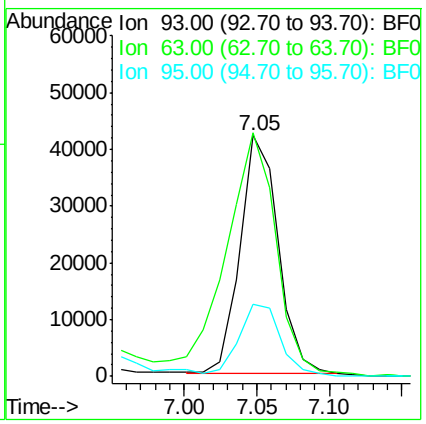


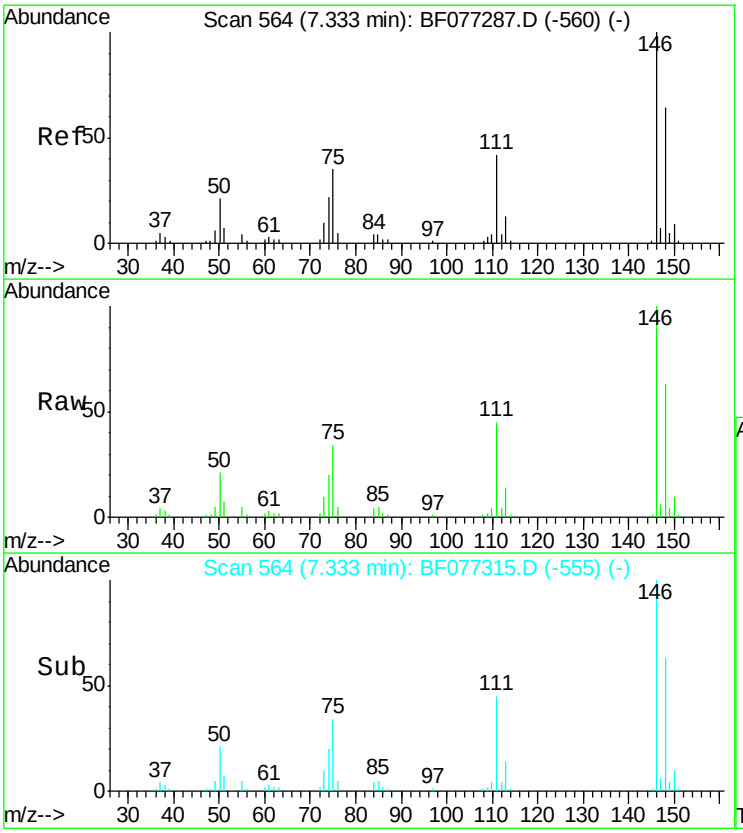

#11
bis(2-Chloroethyl)ether
Concen: 37.54 ng
RT: 7.05 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion: 93 Resp: 75837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 101.1 | 86.6 | 126.6 |
| 95 | 30.1 | 12.0 | 52.0 |

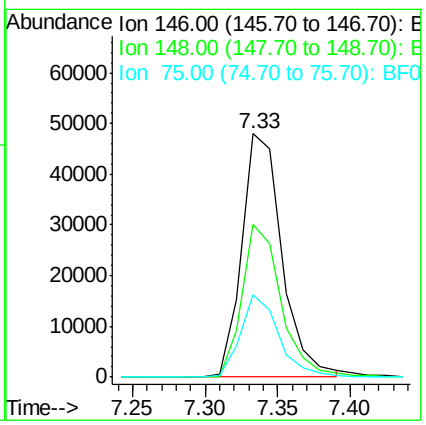


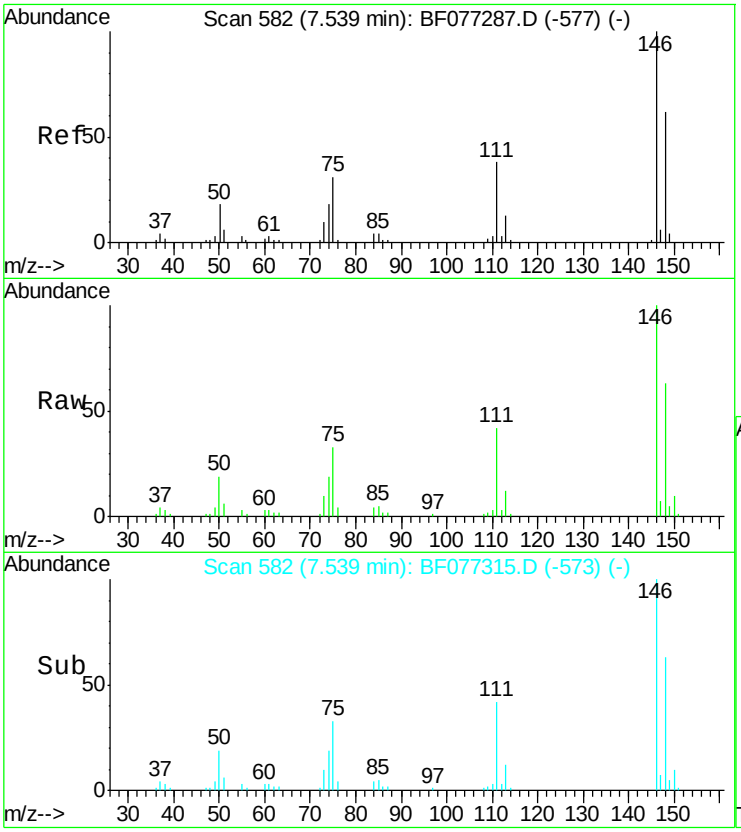




#12
1,3-Dichlorobenzene
Concen: 36.68 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:146 Resp: 91671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.5 | 50.9 | 76.3 |
| 75 | 33.6 | 28.1 | 42.1 |



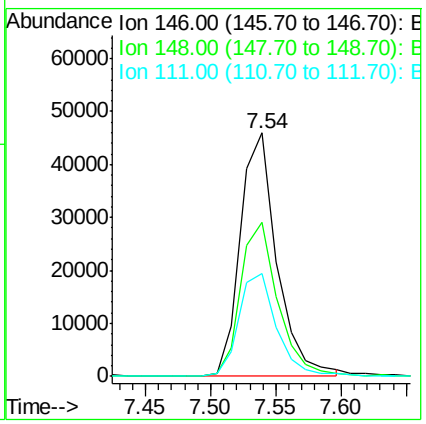


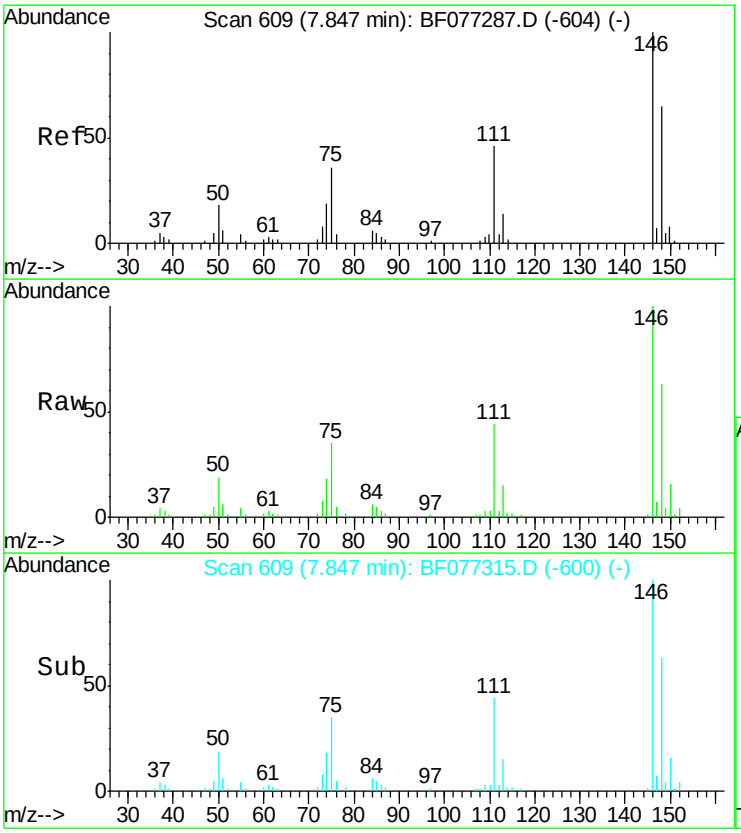

#13
1,4-Dichlorobenzene
Concen: 34.85 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:146 Resp: 89816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.1 | 49.8 | 74.6 |
| 111 | 42.1 | 30.2 | 45.2 |

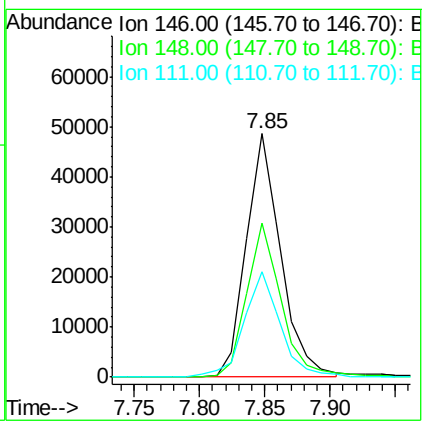


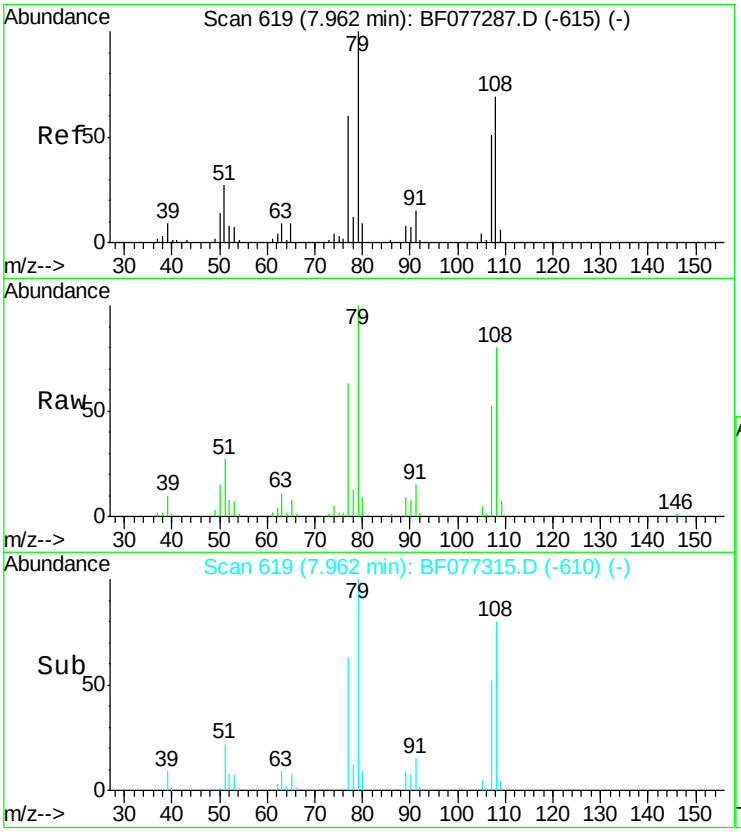




#14
1,2-Dichlorobenzene
Concen: 36.49 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:146 Resp: 89106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 52.0 | 78.0 |
| 111 | 43.5 | 37.0 | 55.4 |



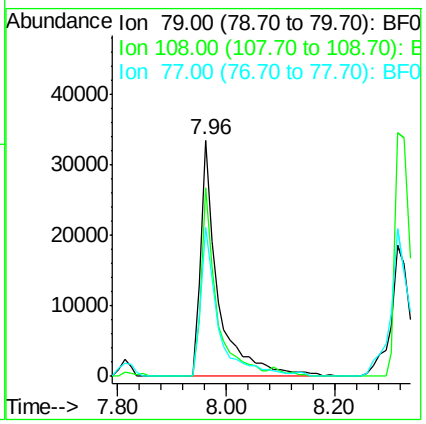


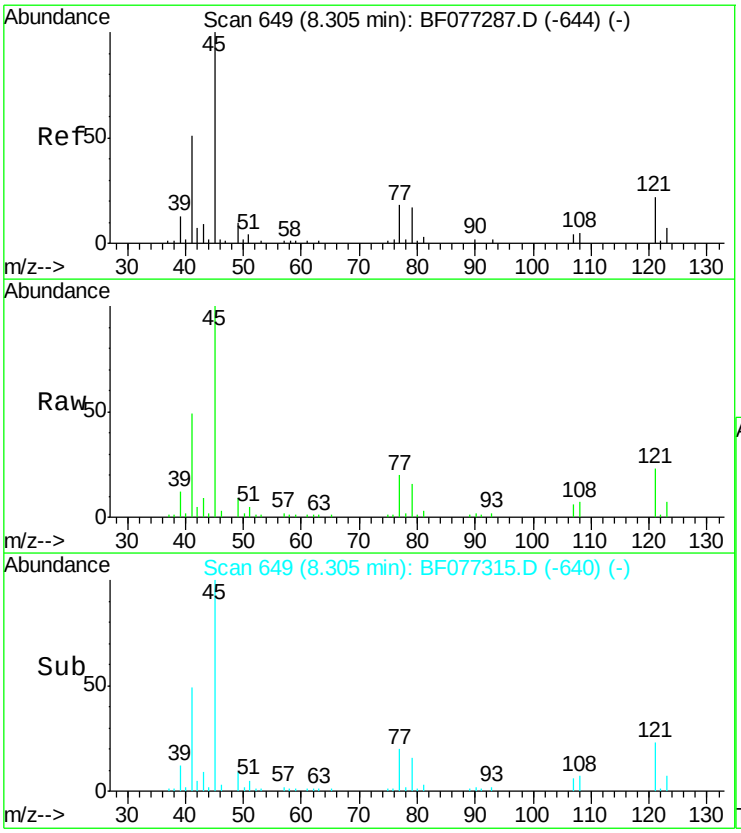

#15
Benzyl Alcohol
Concen: 38.02 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion: 79 Resp: 74255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 79.6 | 54.8 | 82.2 |
| 77 | 62.8 | 48.0 | 72.0 |

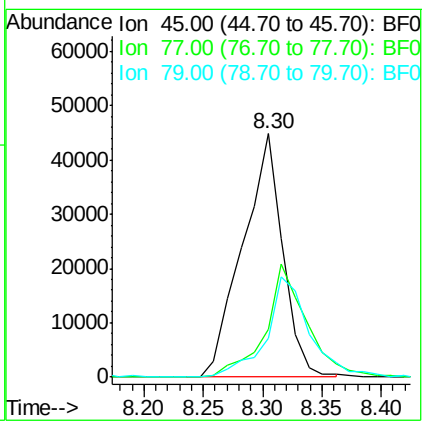


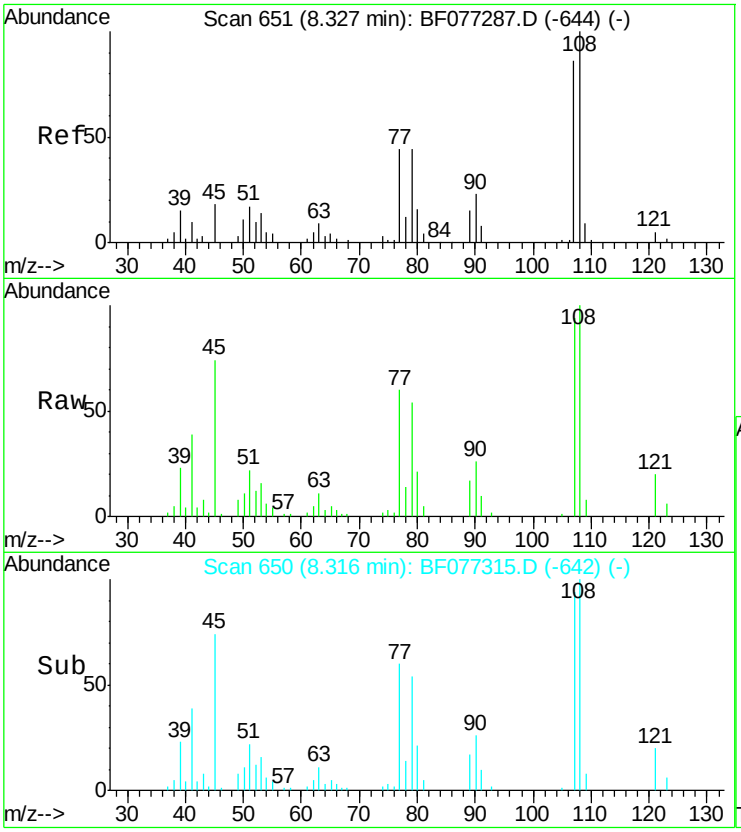




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.21 ng
RT: 8.30 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 45 Resp: 105332

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 19.8 | 0.0 | 38.2 |
| 79 | 16.1 | 0.0 | 37.0 |



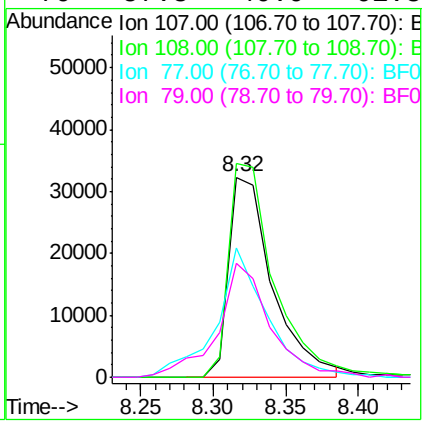


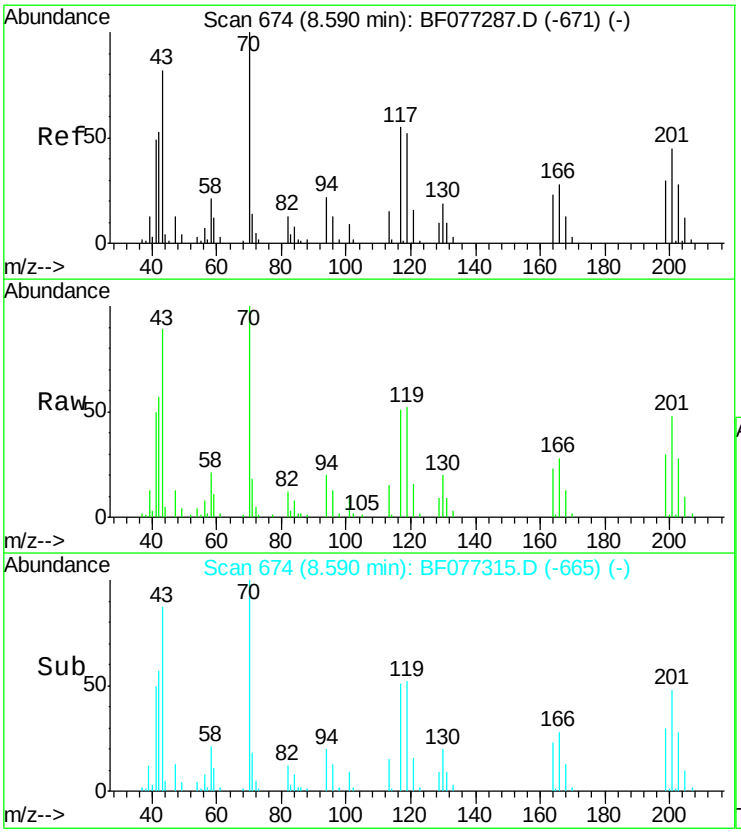

#17
2-Methylphenol
Concen: 38.81 ng
RT: 8.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:107 Resp: 67863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 106.9 | 93.2 | 139.8 |
| 77 | 64.6 | 41.3 | 61.9# |
| 79 | 57.3 | 40.9 | 61.3 |

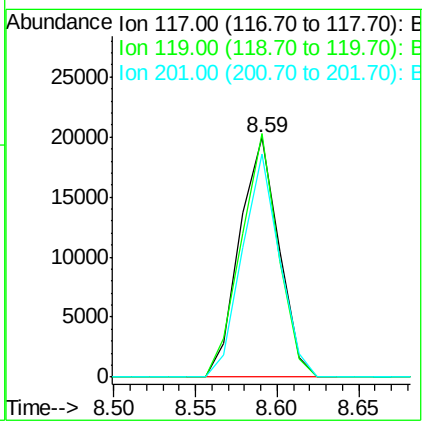


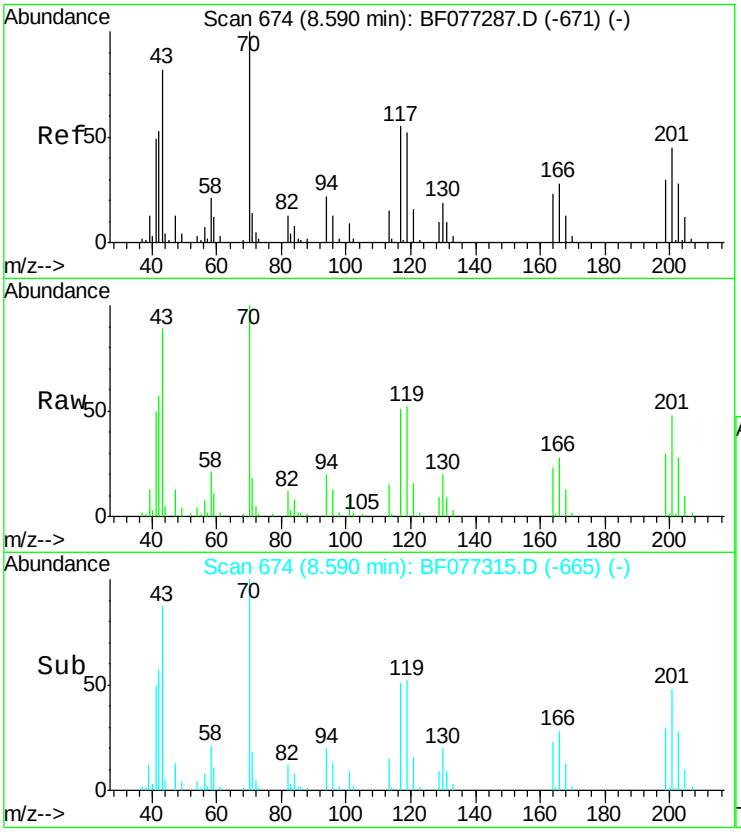




#18
Hexachloroethane
Concen: 35.66 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:117 Resp: 33385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 101.7 | 75.5 | 113.3 |
| 201 | 93.2 | 64.3 | 96.5 |



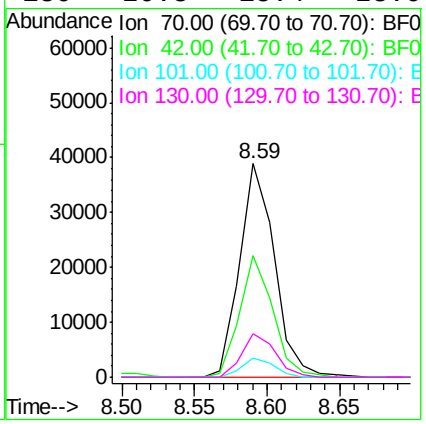


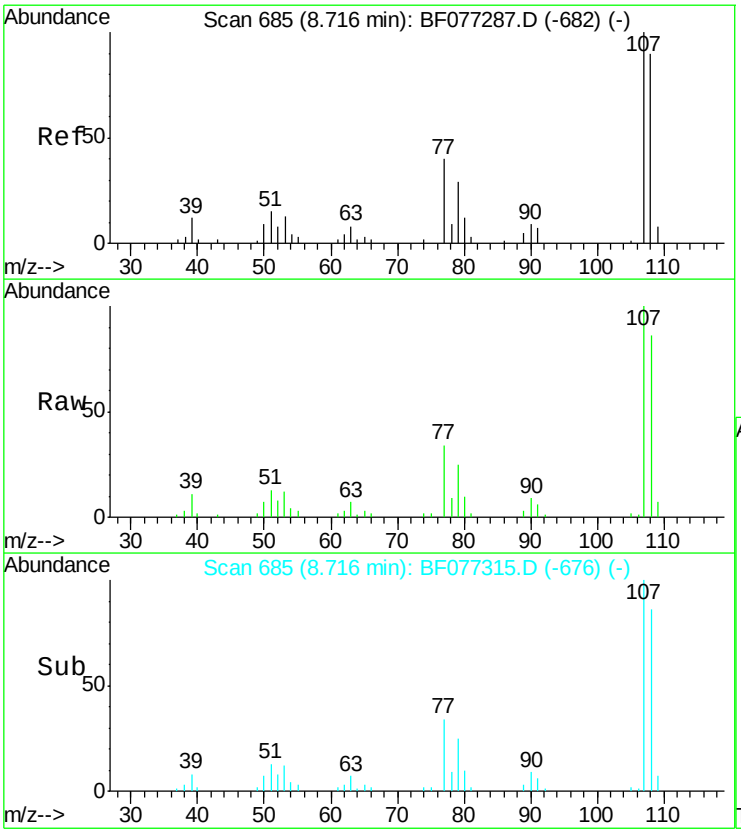

#19
n-Nitroso-di-n-propylamine
Concen: 37.50 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion: 70 Resp: 65020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 57.1 | 42.8 | 64.2 |
| 101 | 8.9 | 7.4 | 11.2 |
| 130 | 20.3 | 15.4 | 23.0 |

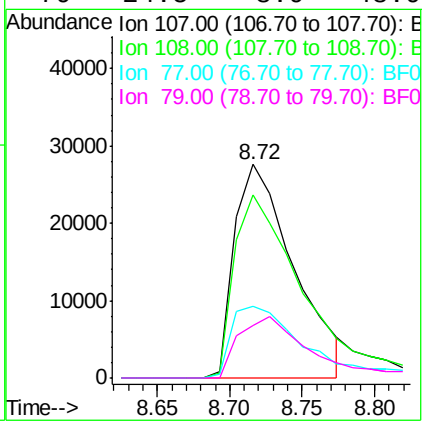


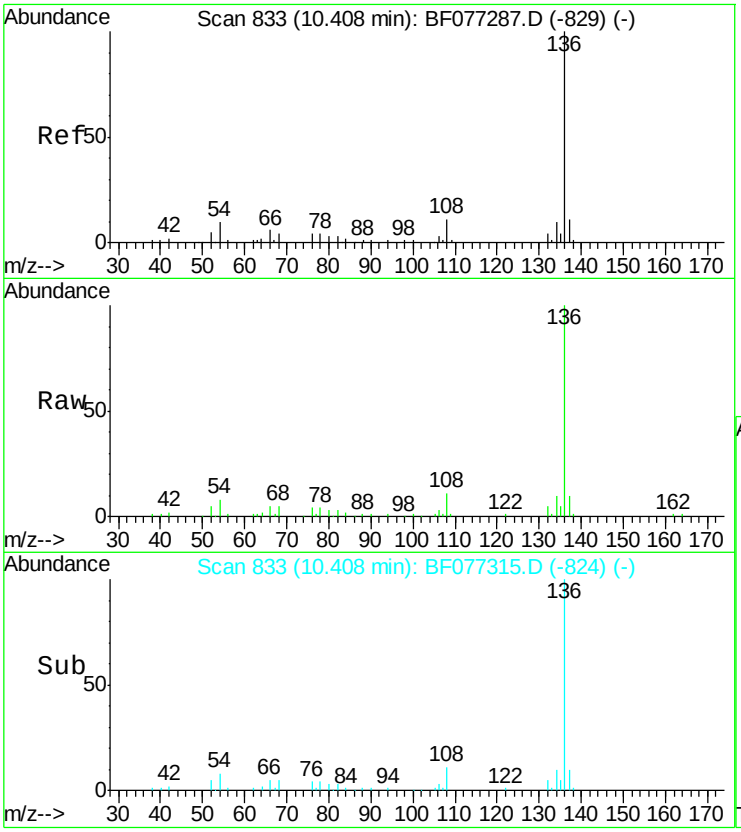




#20
3+4-Methylphenols
Concen: 34.79 ng
RT: 8.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:107 Resp: 78447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 85.5 | 69.7 | 109.7 |
| 77 | 33.5 | 19.5 | 59.5 |
| 79 | 24.5 | 8.9 | 48.9 |



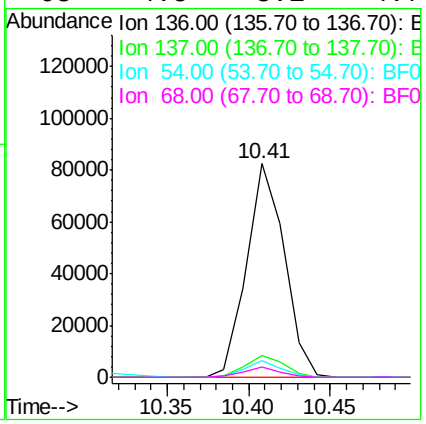


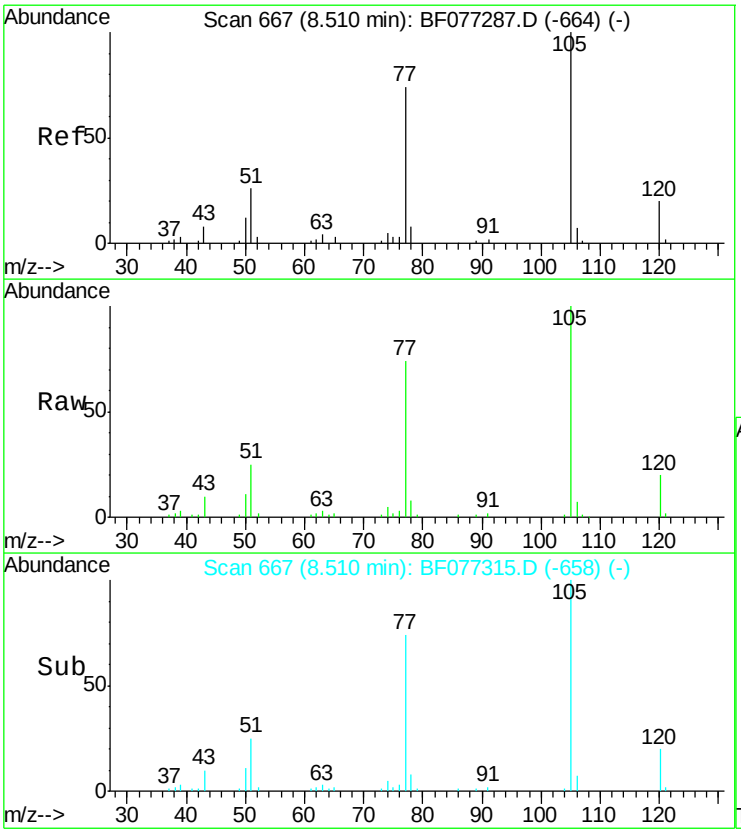

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:136 Resp: 132906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 8.7 | 13.1 |
| 54 | 8.1 | 8.2 | 12.2# |
| 68 | 4.5 | 3.1 | 4.7 |

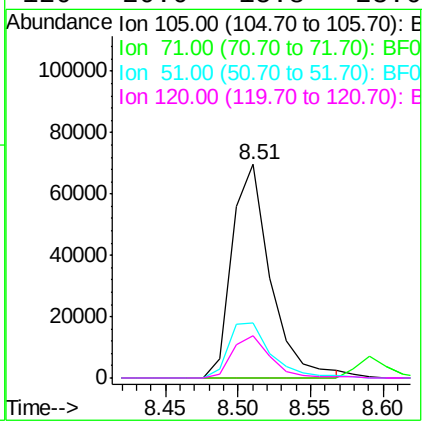


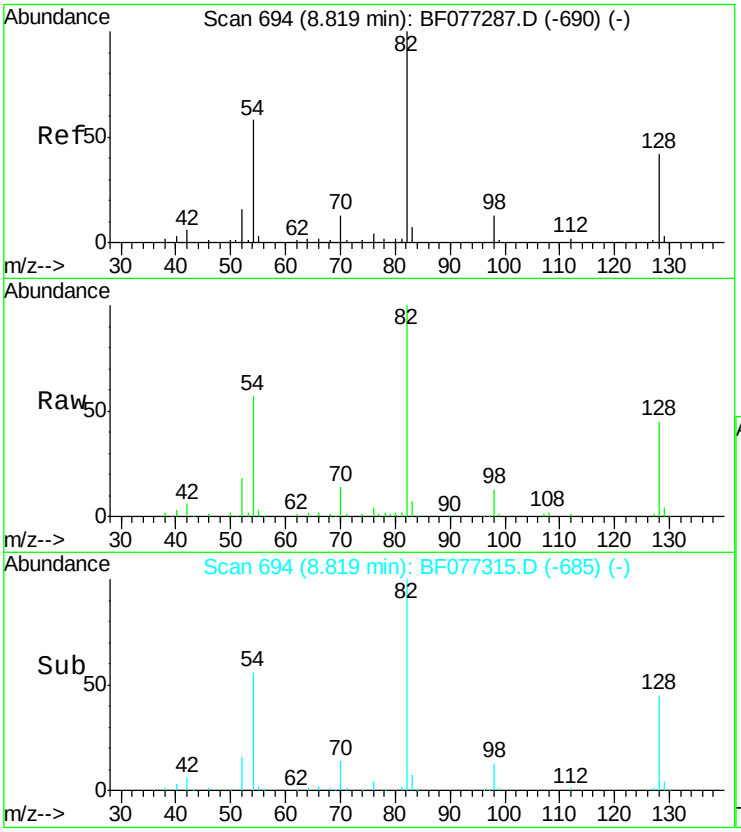




#22
Acetophenone
Concen: 40.11 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:105 Resp: 128029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 0.0 | 0.0 |
| 51 | 25.5 | 21.0 | 31.6 |
| 120 | 20.0 | 15.8 | 23.6 |



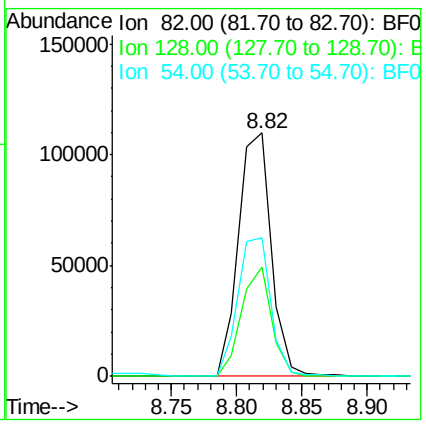


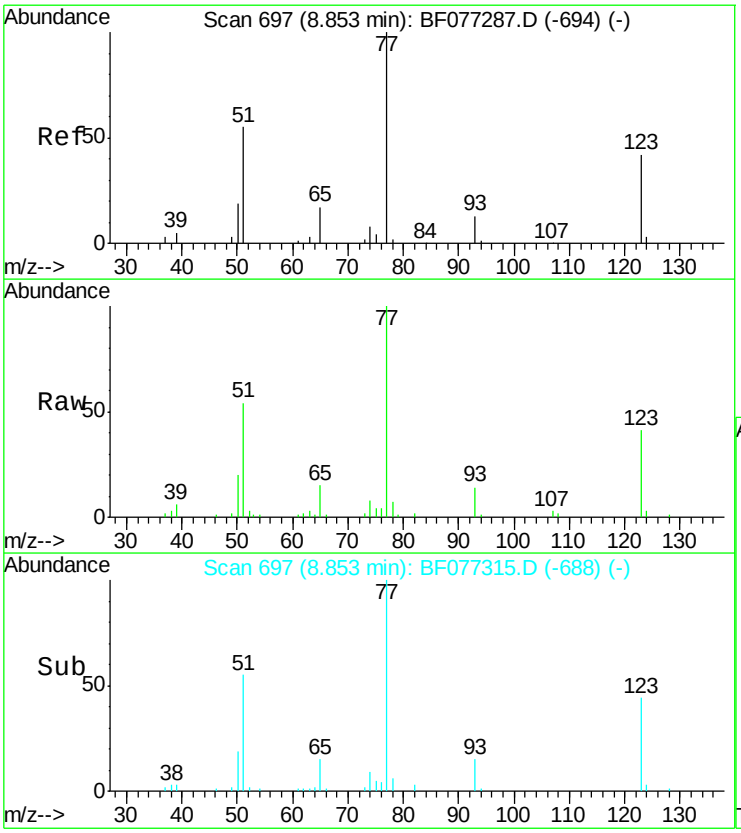

#23
Nitrobenzene-d5
Concen: 82.53 ng
RT: 8.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion: 82 Resp: 192029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.7 | 33.6 | 50.4 |
| 54 | 56.7 | 46.2 | 69.2 |

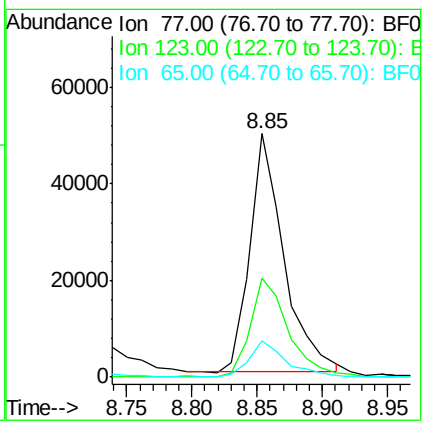


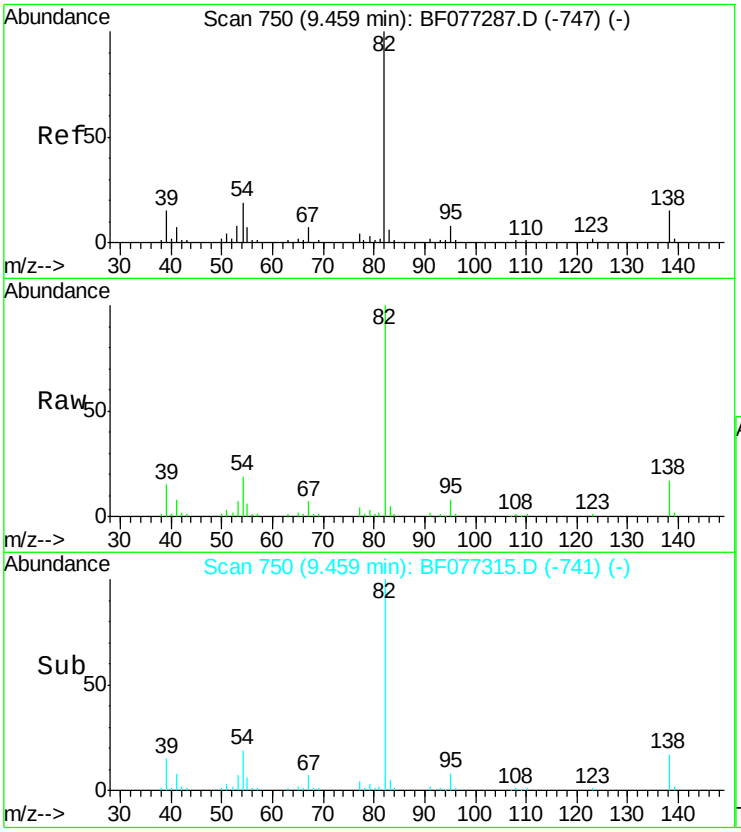




#24
Nitrobenzene
Concen: 38.77 ng
RT: 8.85 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 77 Resp: 89444

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 40.5 | 33.1 | 49.7 |
| 65 | 14.9 | 13.0 | 19.6 |



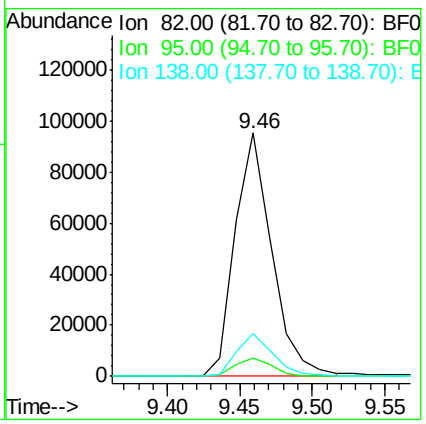


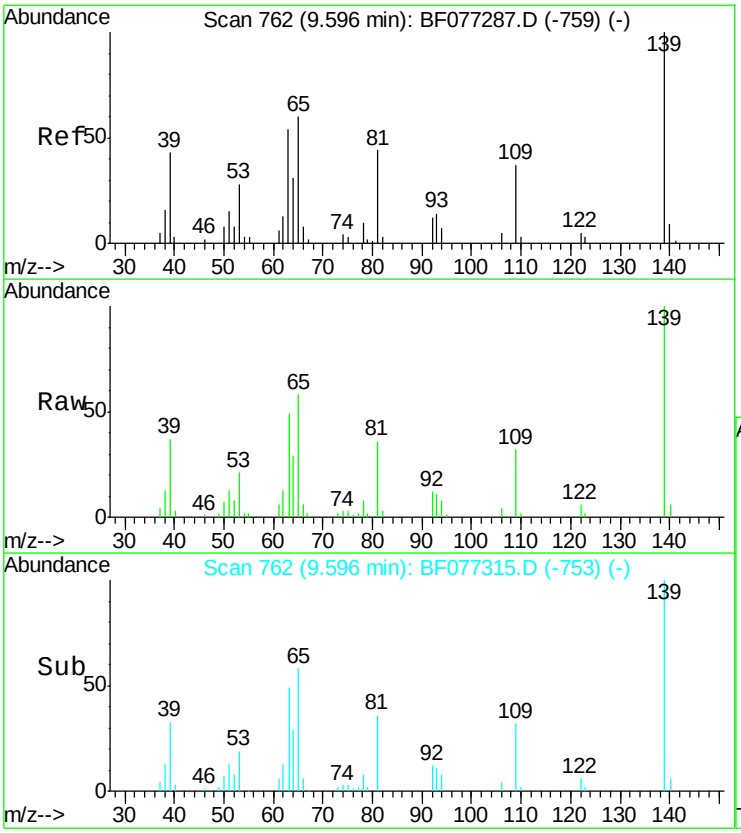

#25
Isophorone
Concen: 40.11 ng
RT: 9.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion: 82 Resp: 168226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.7 | 6.3 | 9.5 |
| 138 | 17.3 | 12.1 | 18.1 |

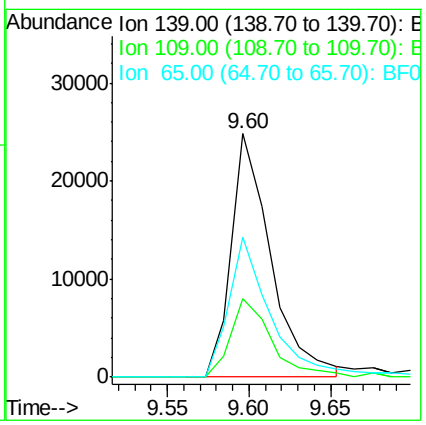


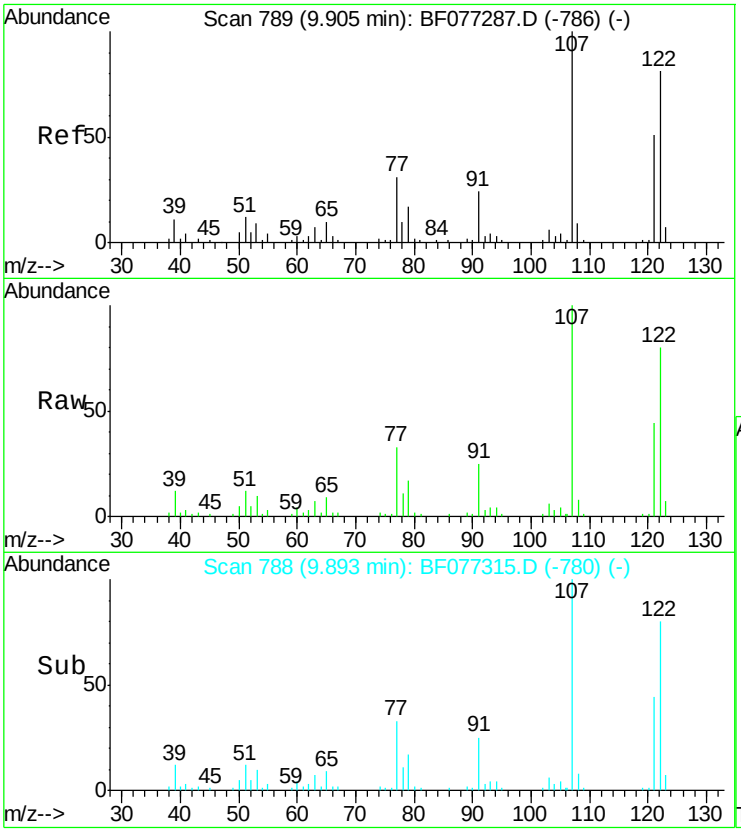




#26
2-Nitrophenol
Concen: 36.87 ng
RT: 9.60 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:139 Resp: 41866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 32.2 | 29.4 | 44.2 |
| 65 | 57.7 | 47.9 | 71.9 |



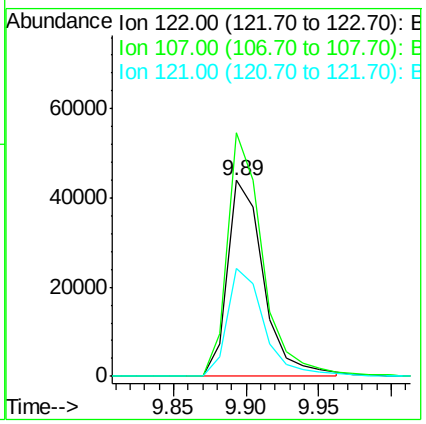


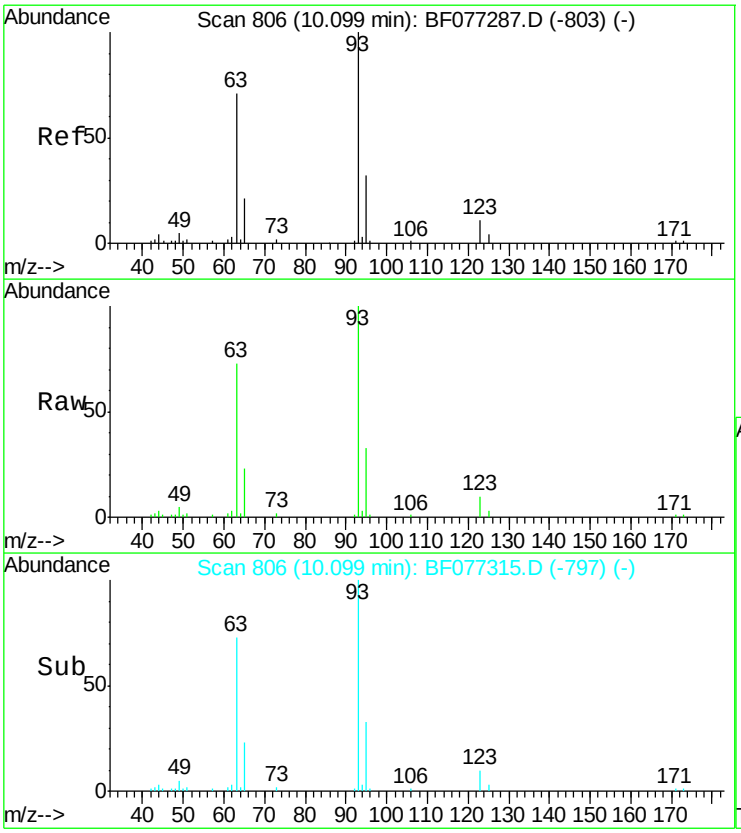

#27
2,4-Dimethylphenol
Concen: 40.30 ng
RT: 9.89 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:122 Resp: 75965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 124.3 | 99.1 | 148.7 |
| 121 | 55.2 | 50.2 | 75.2 |

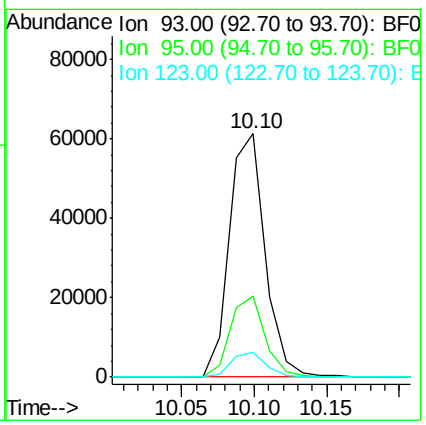


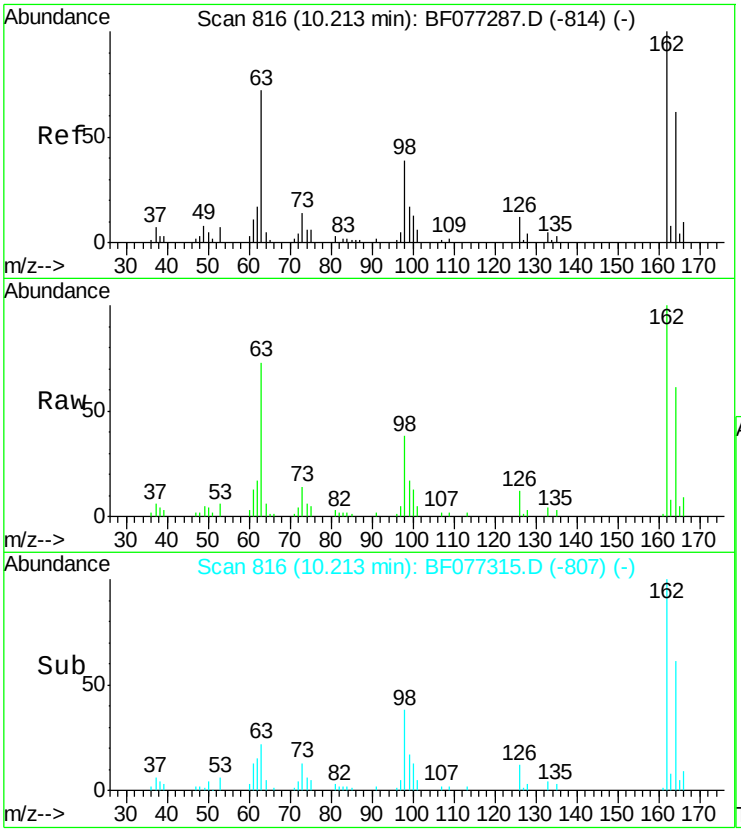




#28
bis(2-Chloroethoxy)methane
Concen: 41.00 ng
RT: 10.10 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 93 Resp: 104684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.4 | 25.4 | 38.2 |
| 123 | 10.1 | 8.5 | 12.7 |



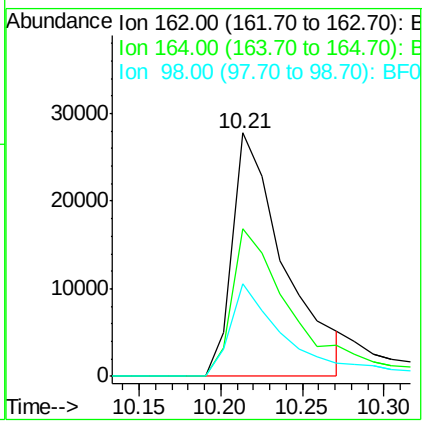


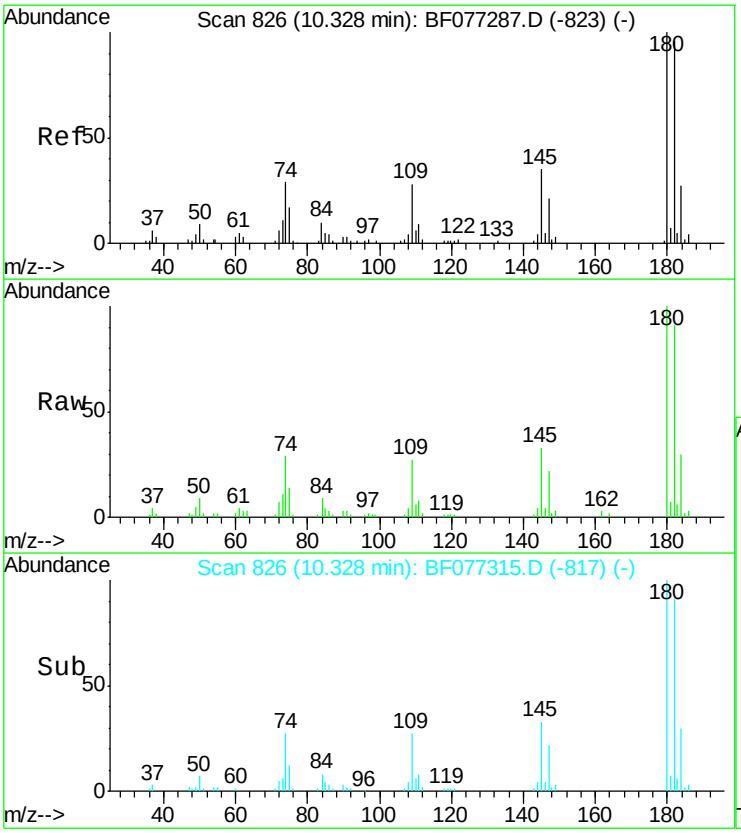

#29
2,4-Dichlorophenol
Concen: 35.69 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:162 Resp: 61478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 60.9 | 41.9 | 81.9 |
| 98 | 38.0 | 19.3 | 59.3 |

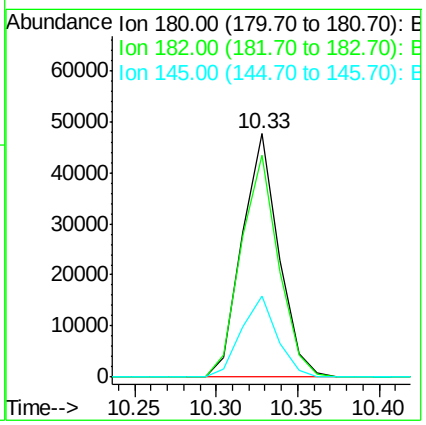


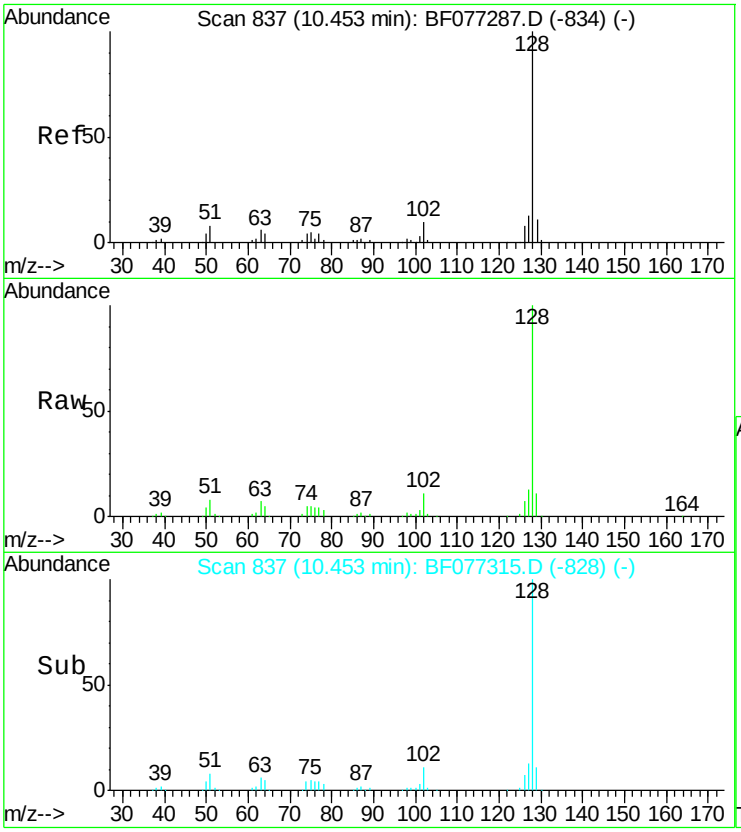




#30
1,2,4-Trichlorobenzene
Concen: 38.04 ng
RT: 10.33 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:180 Resp: 74077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 91.0 | 77.0 | 115.6 |
| 145 | 33.5 | 27.9 | 41.9 |



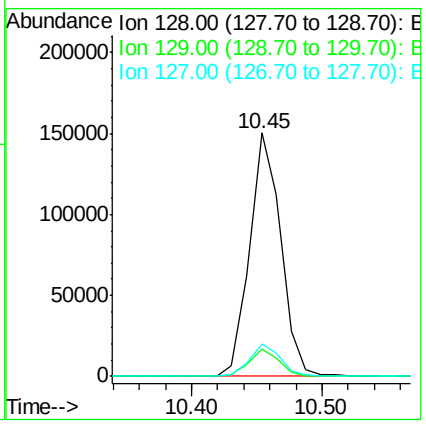


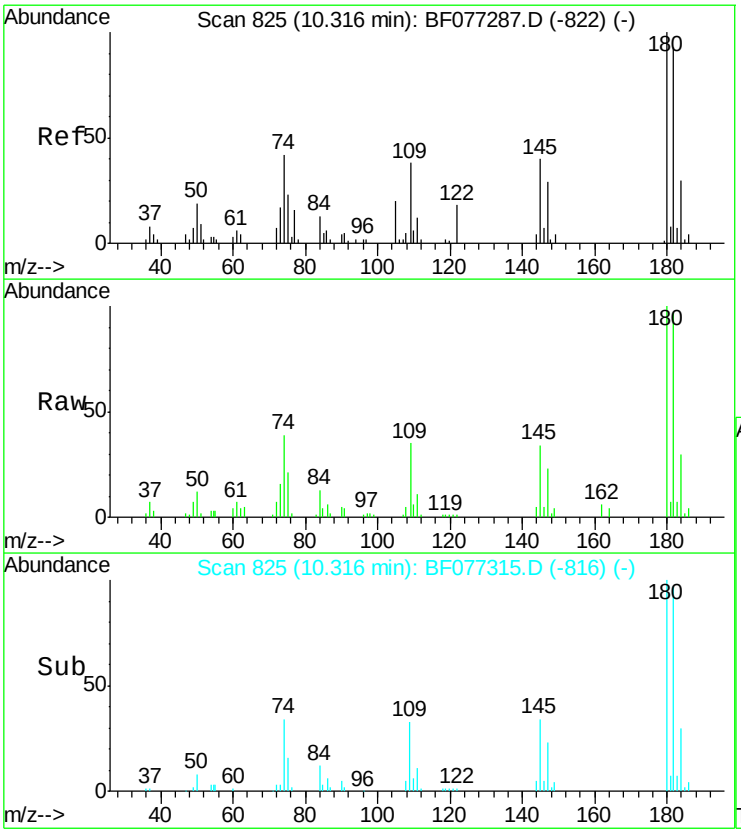

#31
Naphthalene
Concen:  38.23 ng
RT: 10.45 min  Scan# 837
Delta R.T.  0.00 min
Lab File:  BF077315.D
Acq: 13 Feb 2015  19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:128 Resp:  250794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.0 | 13.6 |
| 127 | 13.4 | 10.4 | 15.6 |

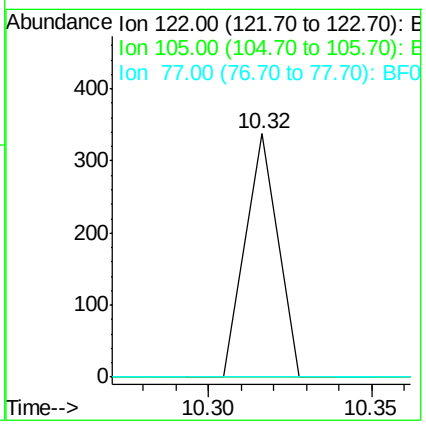


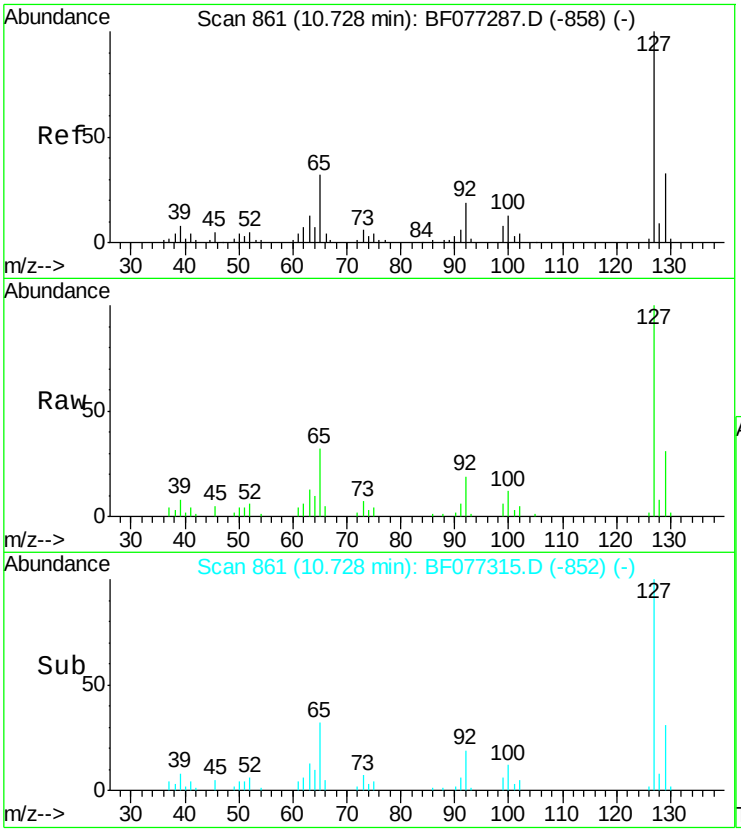




#32
Benzoic acid
Concen:  14.23 ng
RT: 10.32 min  Scan# 825
Delta R.T.  0.00 min
Lab File:  BF077315.D
Acq: 13 Feb 2015  19:07

Tgt Ion:122 Resp:  232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 93.4 | 133.4# |
| 77 | 0.0 | 72.6 | 112.6# |



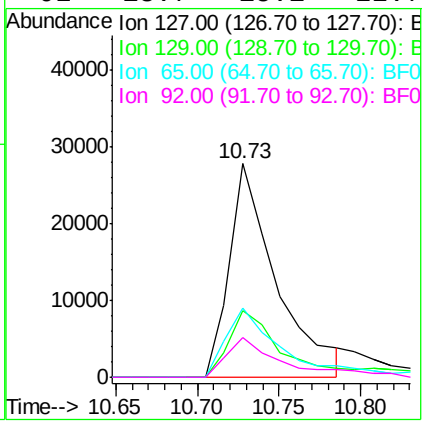


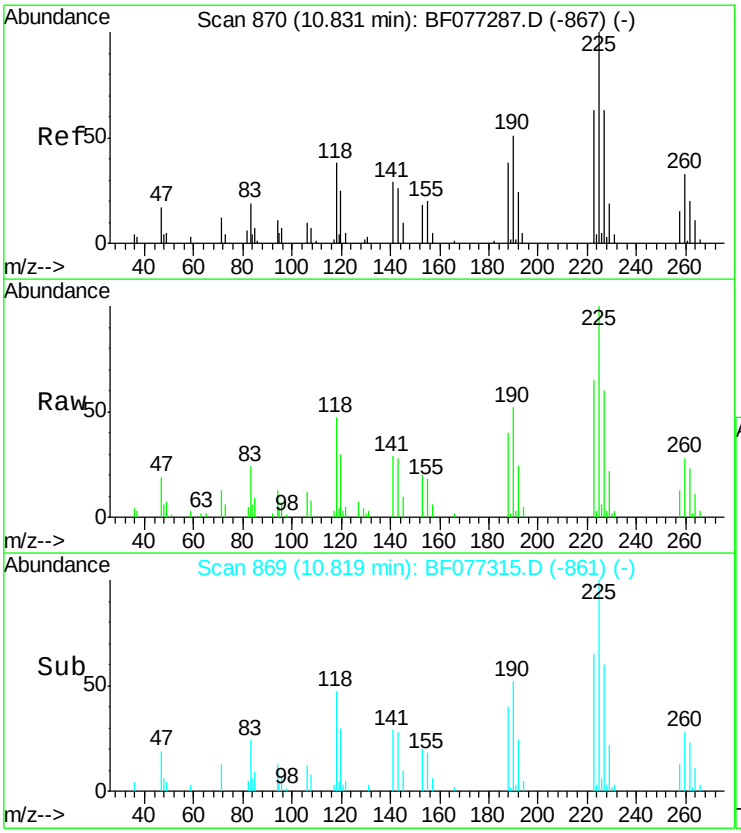

#33
4-Chloroaniline
Concen: 20.90 ng
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:127 Resp: 55307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.1 | 26.0 | 39.0 |
| 65 | 32.3 | 25.6 | 38.4 |
| 92 | 18.7 | 15.1 | 22.7 |

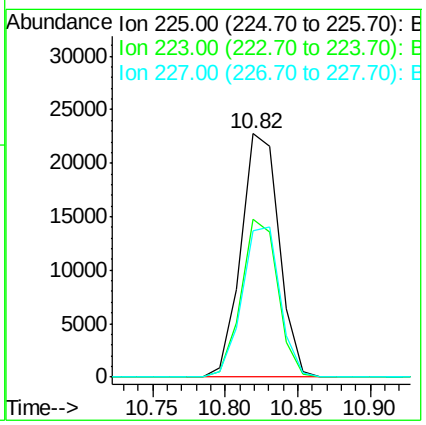


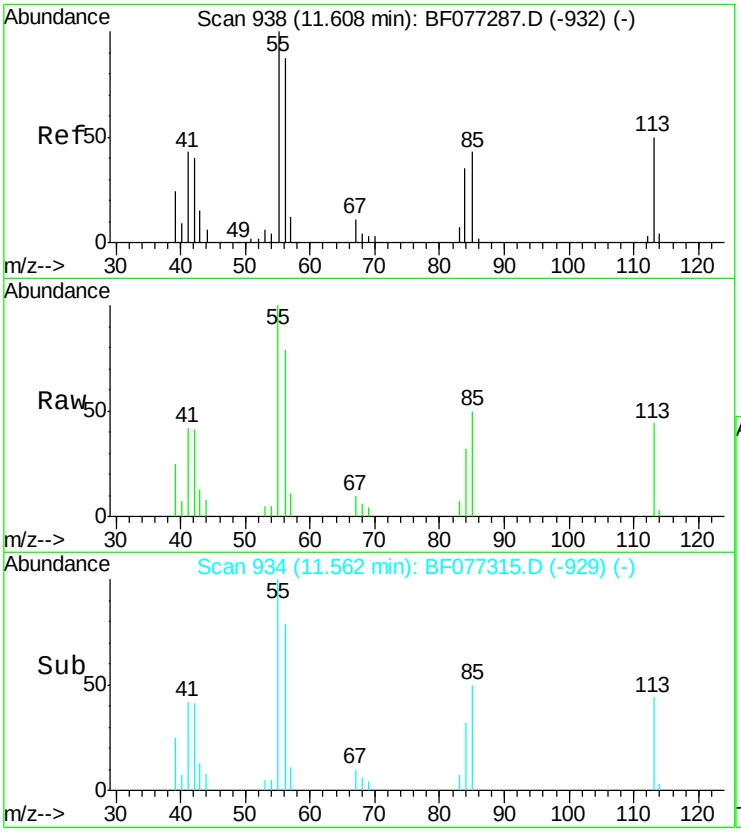




#34
Hexachlorobutadiene
Concen: 37.40 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:225 Resp: 41373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 65.1 | 50.2 | 75.4 |
| 227 | 60.3 | 50.2 | 75.2 |



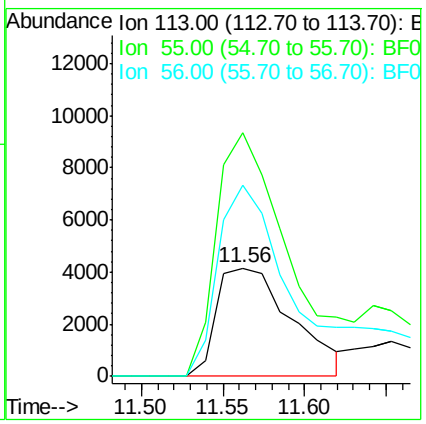


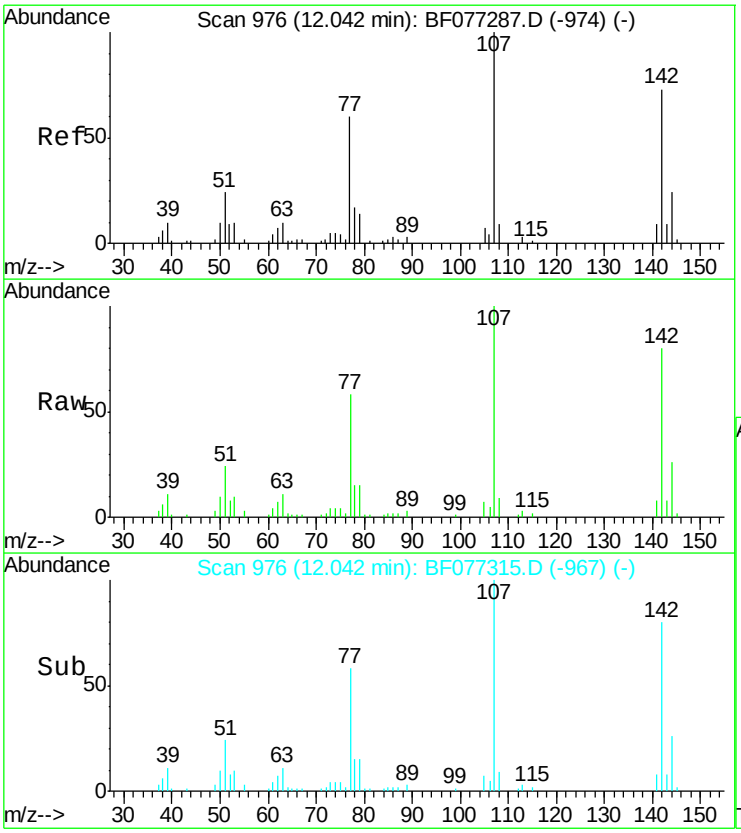

#35
Caprolactam
Concen: 25.66 ng
RT: 11.56 min Scan# 934
Delta R.T. -0.04 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:113 Resp: 13369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 225.0 | 178.4 | 218.4# |
| 56 | 176.8 | 152.8 | 192.8 |

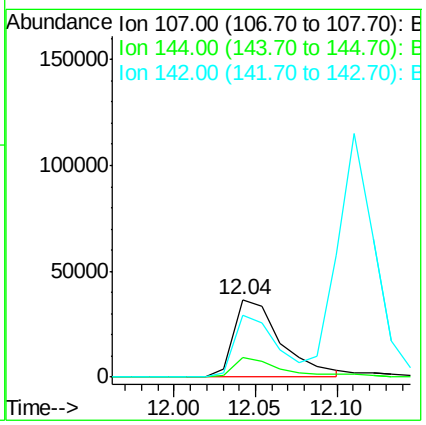


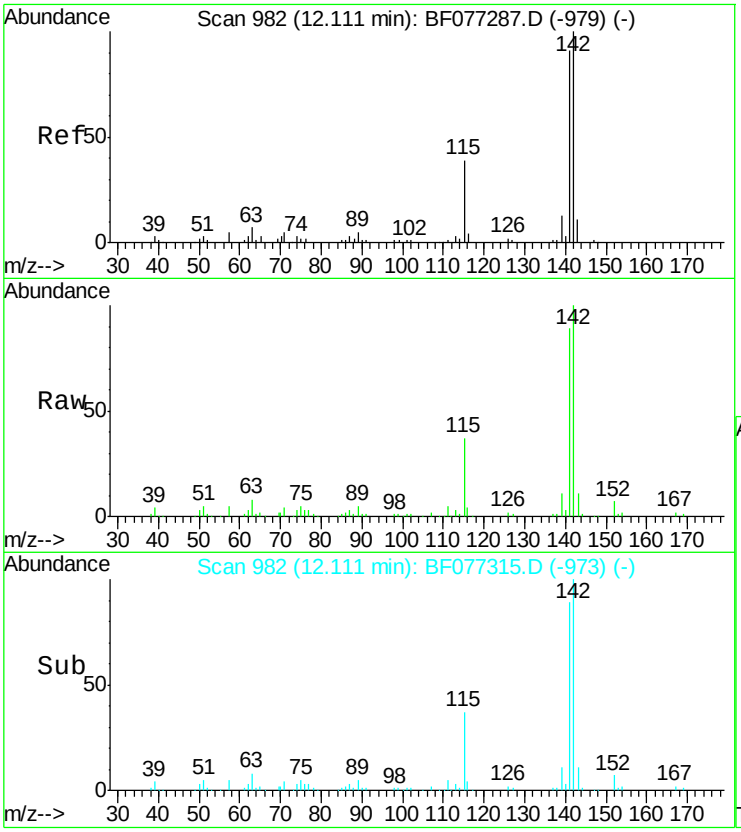




#36
4-Chloro-3-methylphenol
Concen: 38.24 ng
RT: 12.04 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:107 Resp: 73687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.6 | 19.2 | 28.8 |
| 142 | 80.2 | 58.6 | 88.0 |



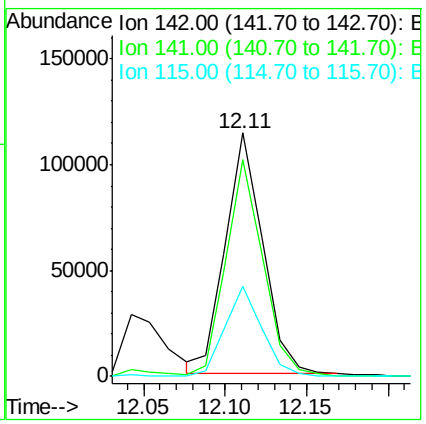


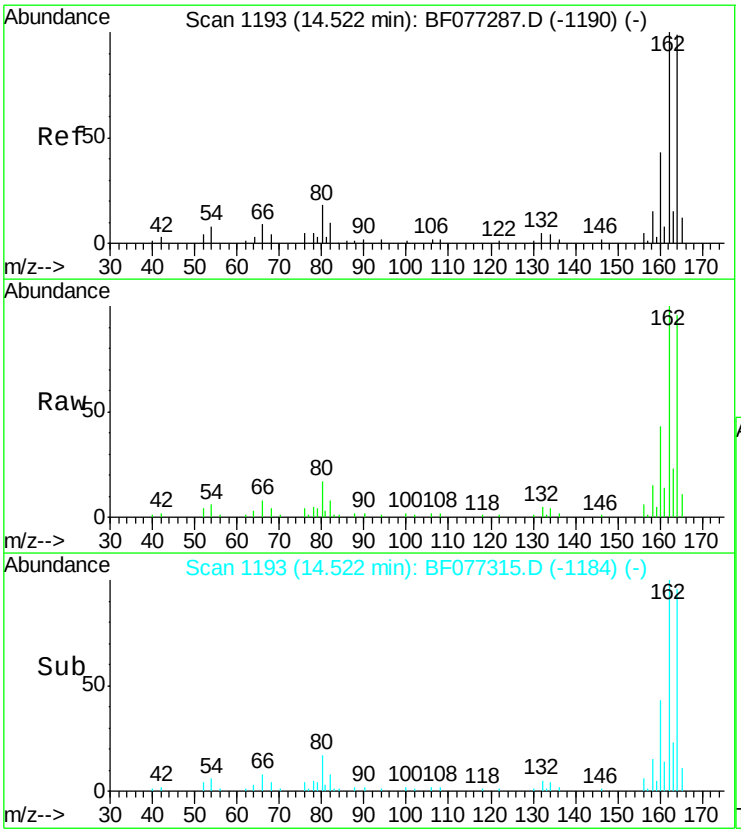

#37
2-Methylnaphthalene
Concen: 36.85 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:142 Resp: 181207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.1 | 69.8 | 104.6 |
| 115 | 37.2 | 29.5 | 44.3 |

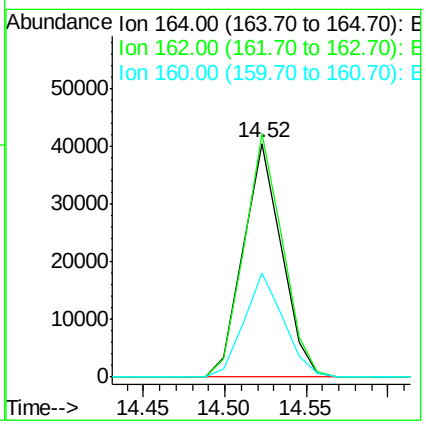


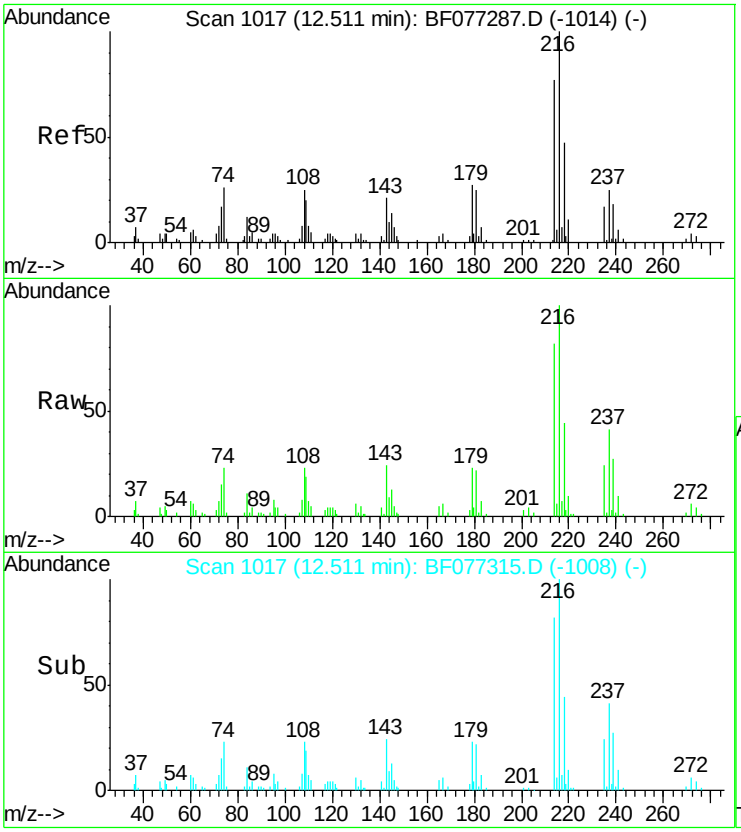




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:164 Resp: 66396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 81.0 | 121.4 |
| 160 | 44.7 | 35.2 | 52.8 |



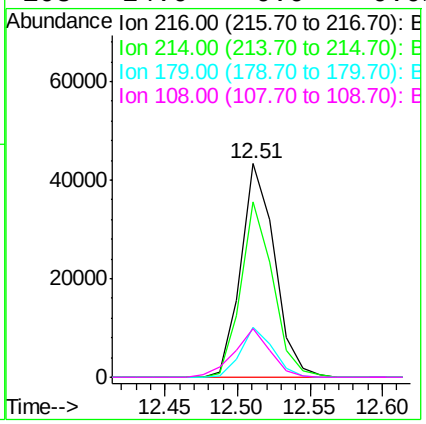


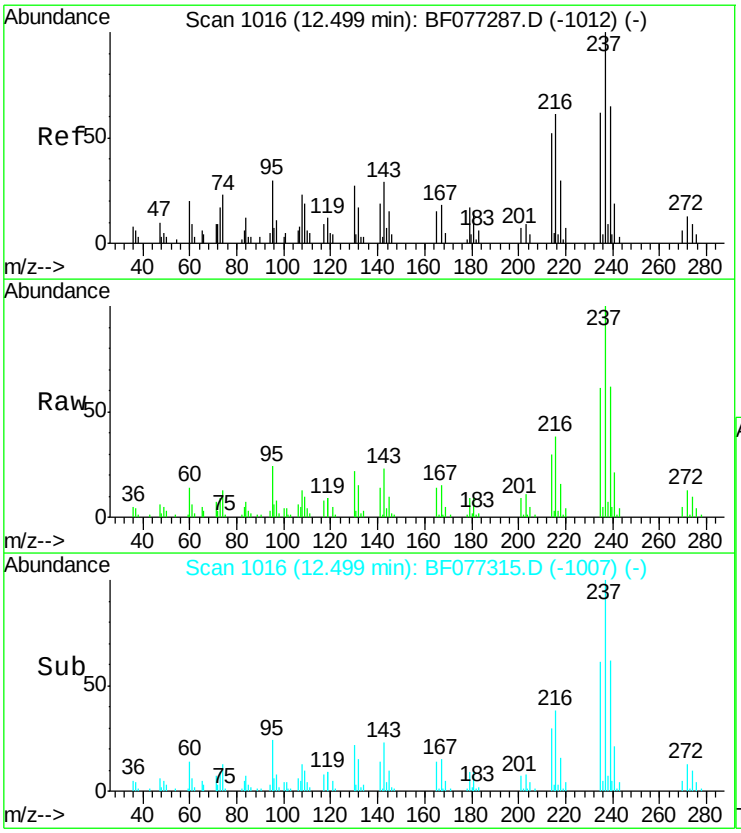

#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.00 ng
RT: 12.51 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:216 Resp: 70179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 77.7 | 0.0 | 0.0# |
| 179 | 22.6 | 0.0 | 0.0# |
| 108 | 24.0 | 0.0 | 0.0# |

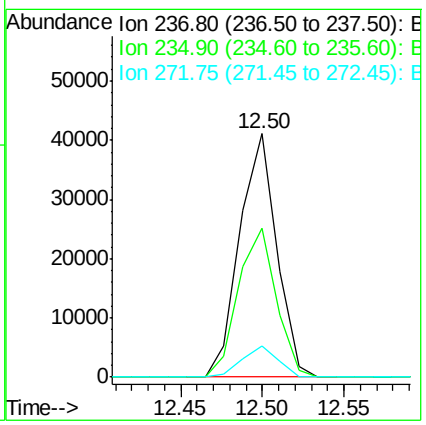


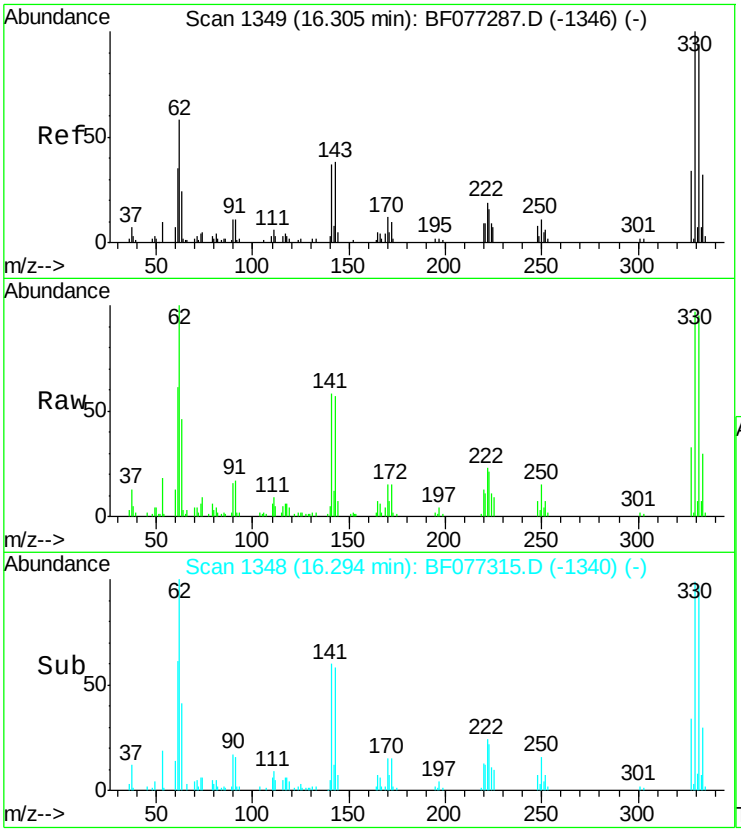




#40
Hexachlorocyclopentadiene
Concen: 78.75 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:237 Resp: 64656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.4 | 42.0 | 82.0 |
| 272 | 12.5 | 0.0 | 33.3 |



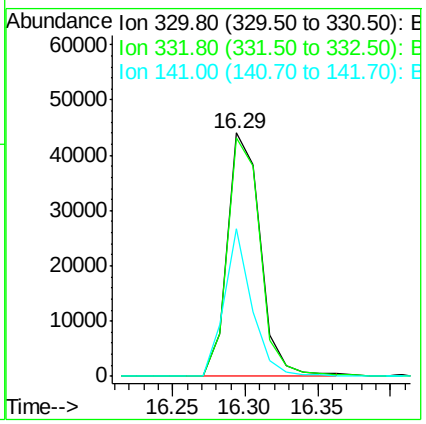


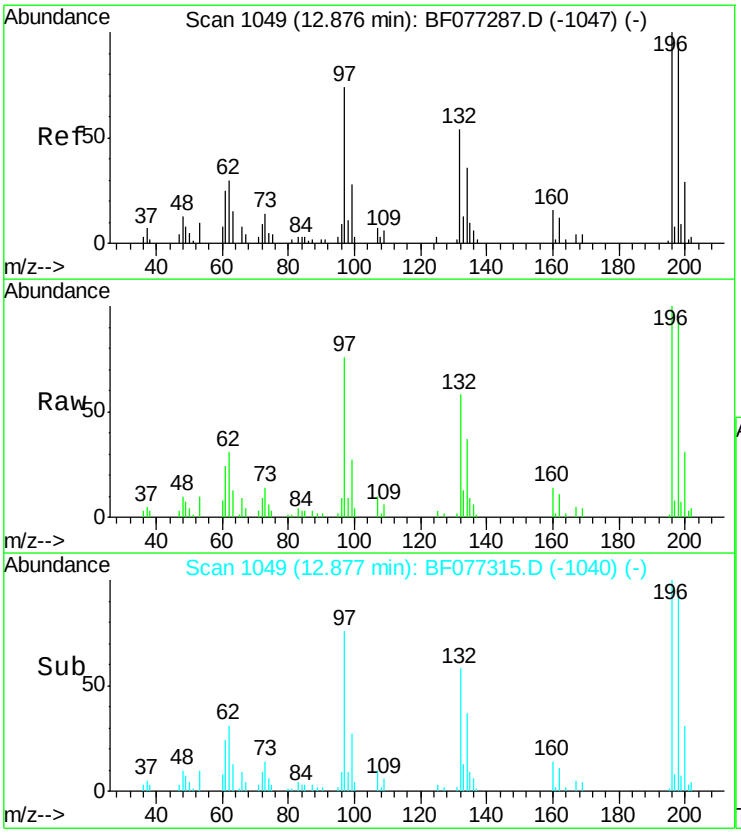

#41
2,4,6-Tribromophenol
Concen: 128.12 ng
RT: 16.29 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:330 Resp: 69366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.2 | 0.0 | 0.0# |
| 141 | 51.3 | 0.0 | 0.0# |

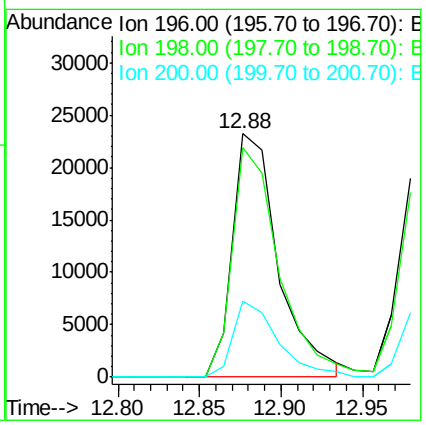


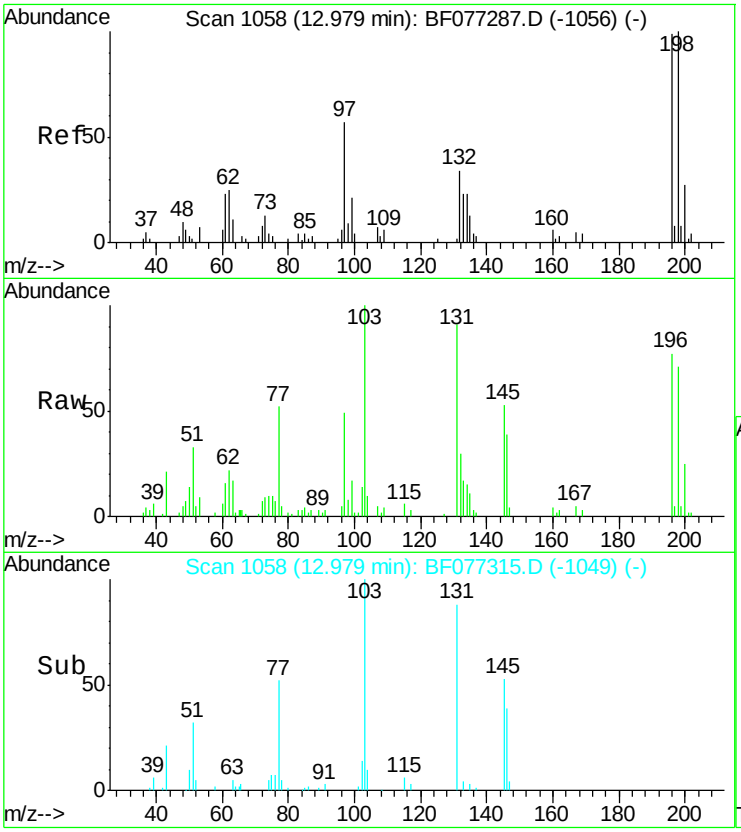




#42
2,4,6-Trichlorophenol
Concen: 41.37 ng
RT: 12.88 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:196 Resp: 45421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.1 | 75.8 | 113.8 |
| 200 | 31.4 | 23.3 | 34.9 |



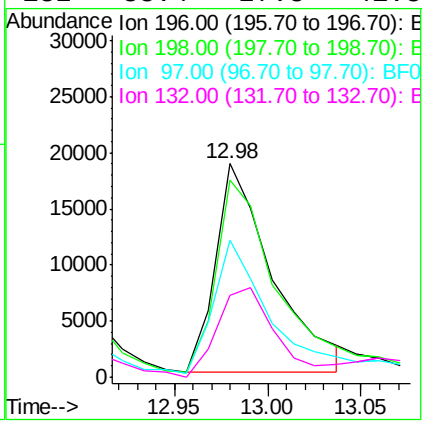


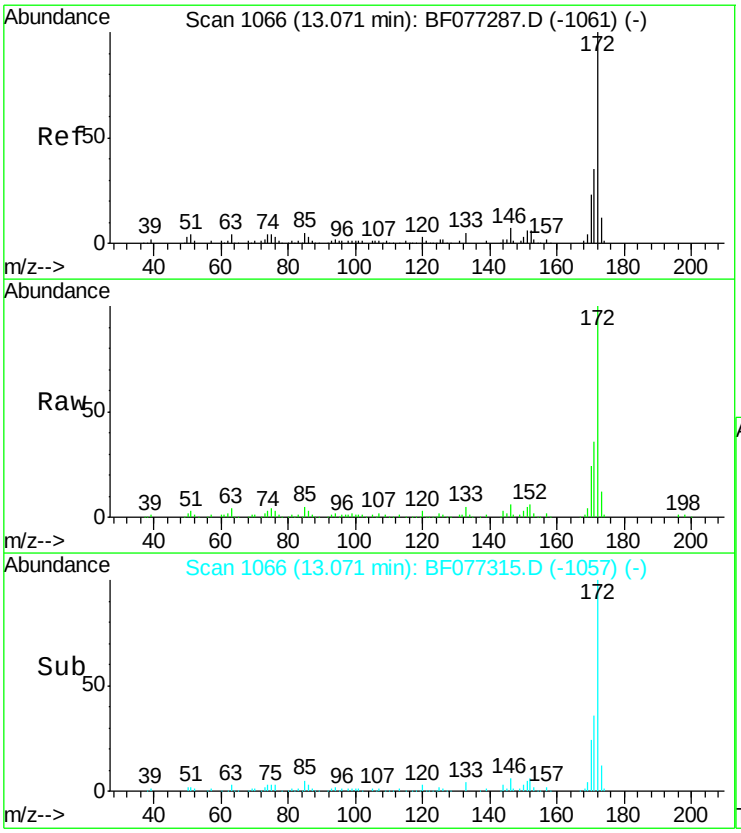

#43
2,4,5-Trichlorophenol
Concen: 36.68 ng
RT: 12.98 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:196 Resp: 39448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.3 | 82.6 | 123.8 |
| 97 | 63.9 | 47.3 | 70.9 |
| 132 | 38.4 | 27.8 | 41.8 |

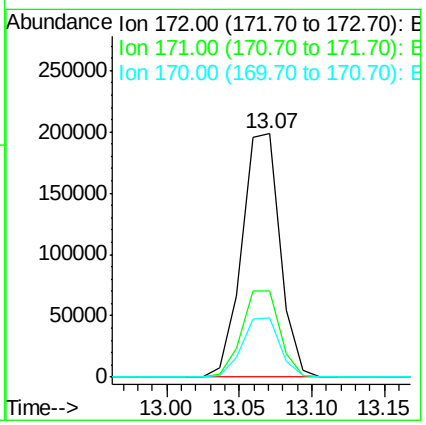


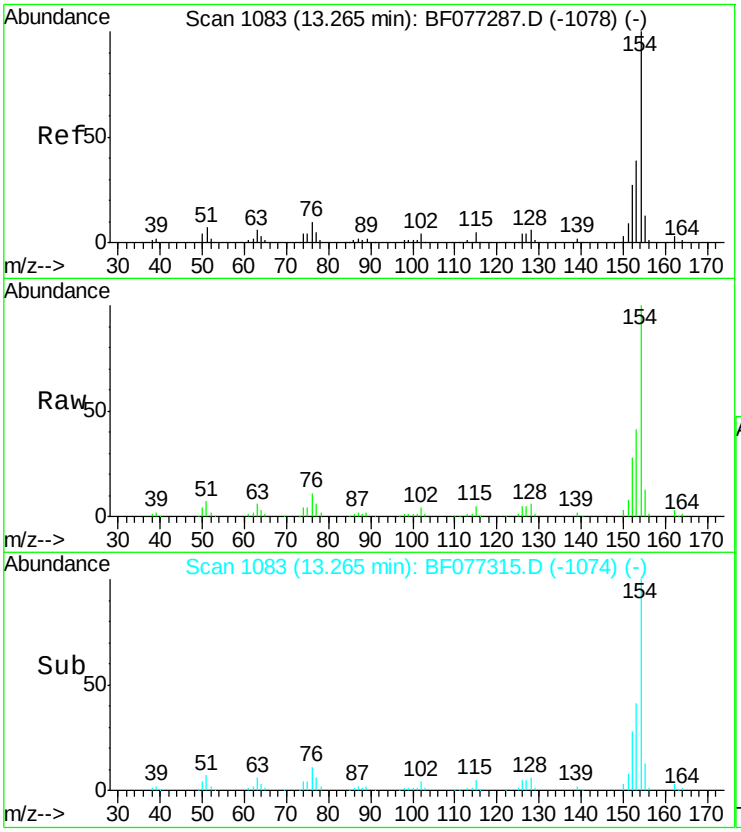




#44
2-Fluorobiphenyl
Concen: 82.00 ng
RT: 13.07 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:172 Resp: 361738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 27.8 | 41.8 |
| 170 | 24.5 | 18.3 | 27.5 |



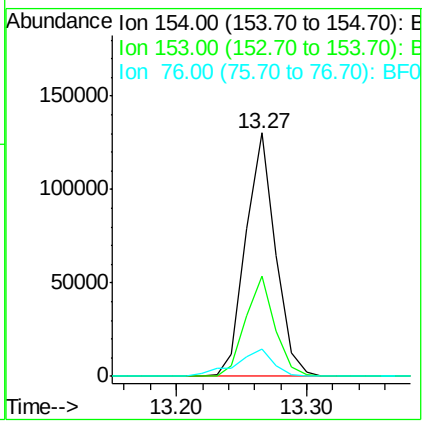


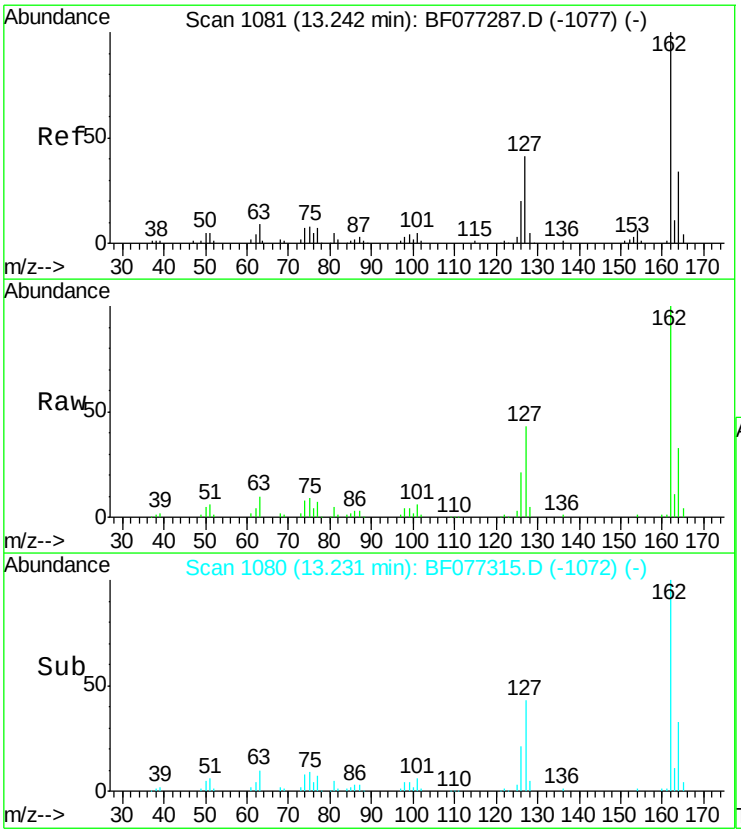

#45
1,1'-Biphenyl
Concen: 40.55 ng
RT: 13.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:154 Resp: 207461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.1 | 18.9 | 58.9 |
| 76 | 11.2 | 0.0 | 30.4 |

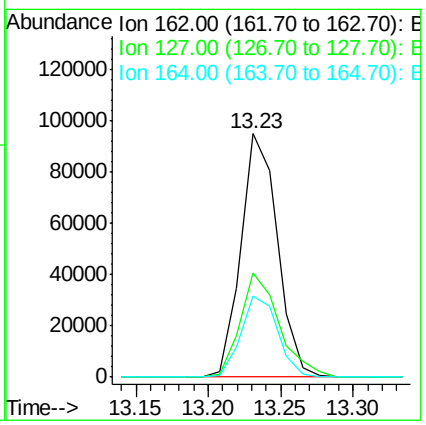


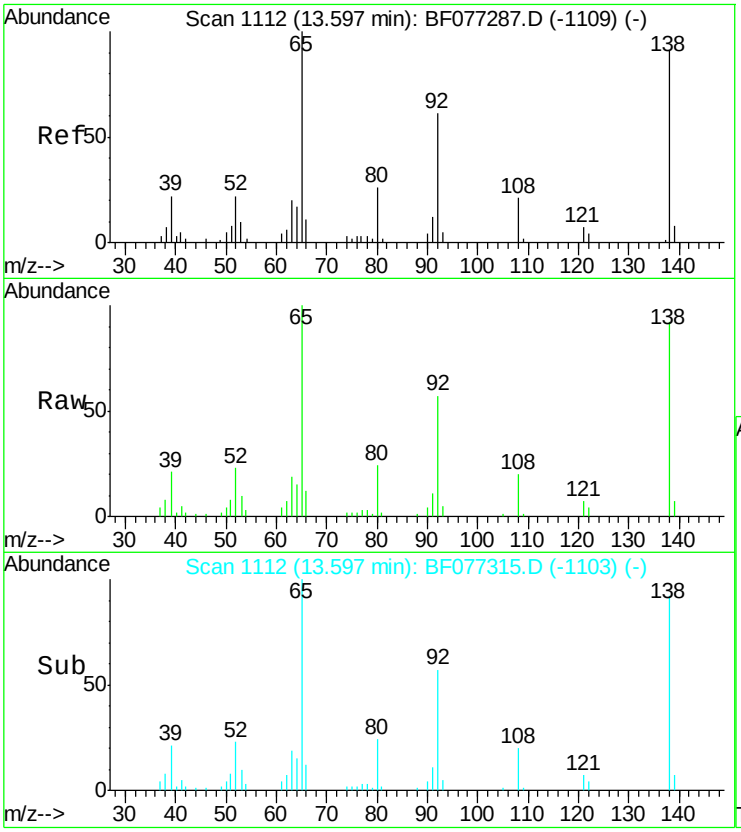




#46
2-Chloronaphthalene
Concen: 40.46 ng
RT: 13.23 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:162 Resp: 165315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 43.0 | 32.6 | 48.8 |
| 164 | 33.2 | 27.0 | 40.6 |



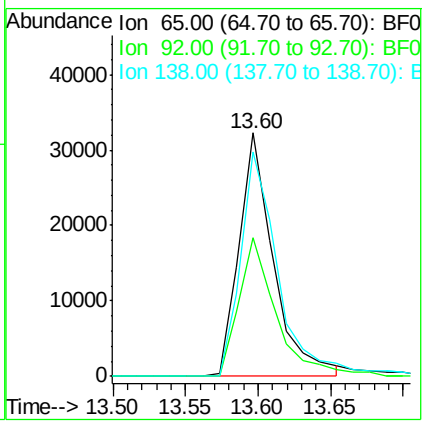


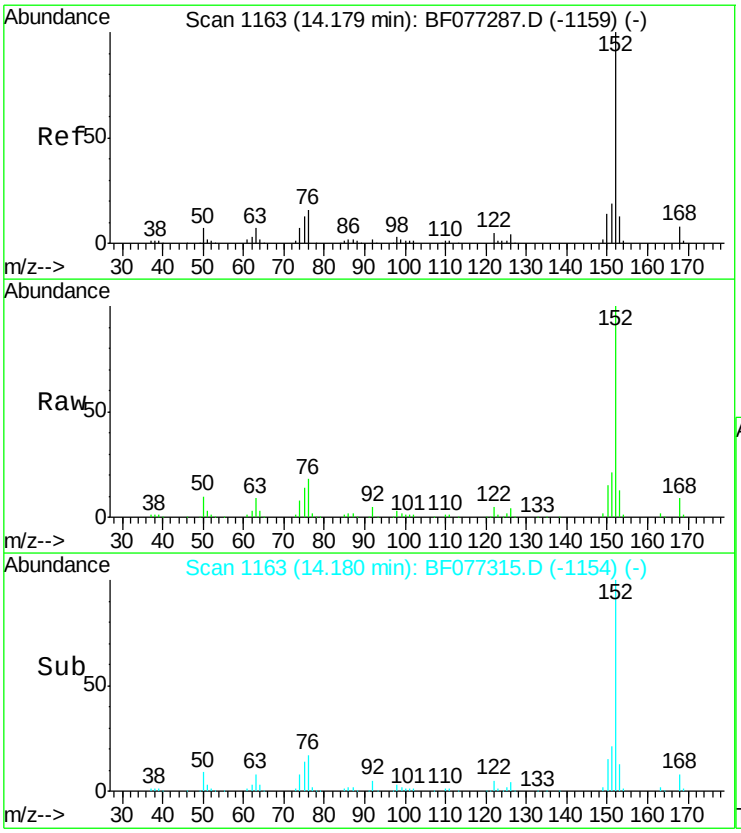

#47
2-Nitroaniline
Concen: 44.62 ng
RT: 13.60 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion: 65 Resp: 53273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 57.2 | 48.7 | 73.1 |
| 138 | 92.2 | 72.5 | 108.7 |

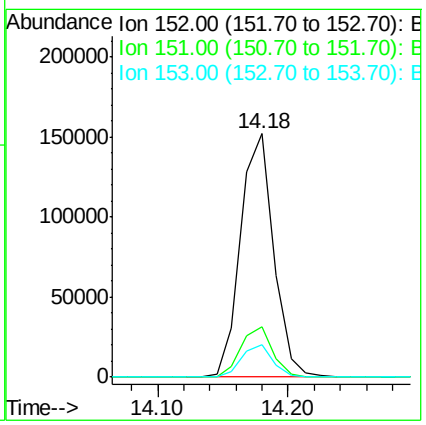


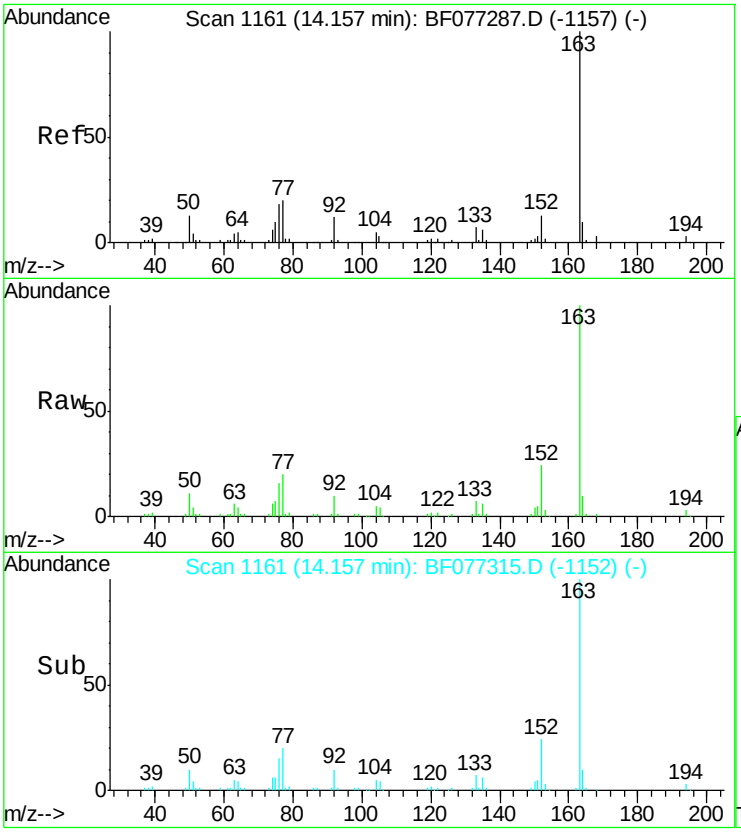




#48
Acenaphthylene
Concen: 41.68 ng
RT: 14.18 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:152 Resp: 268731

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.5 | 15.3 | 22.9 |
| 153 | 13.1 | 10.2 | 15.2 |



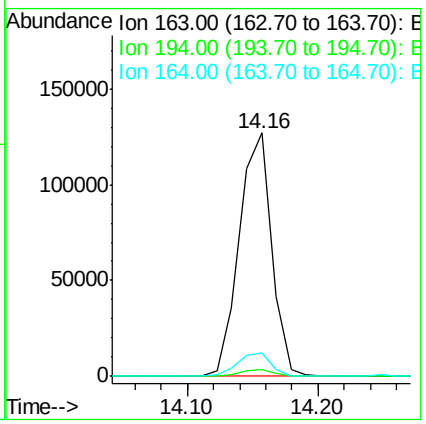


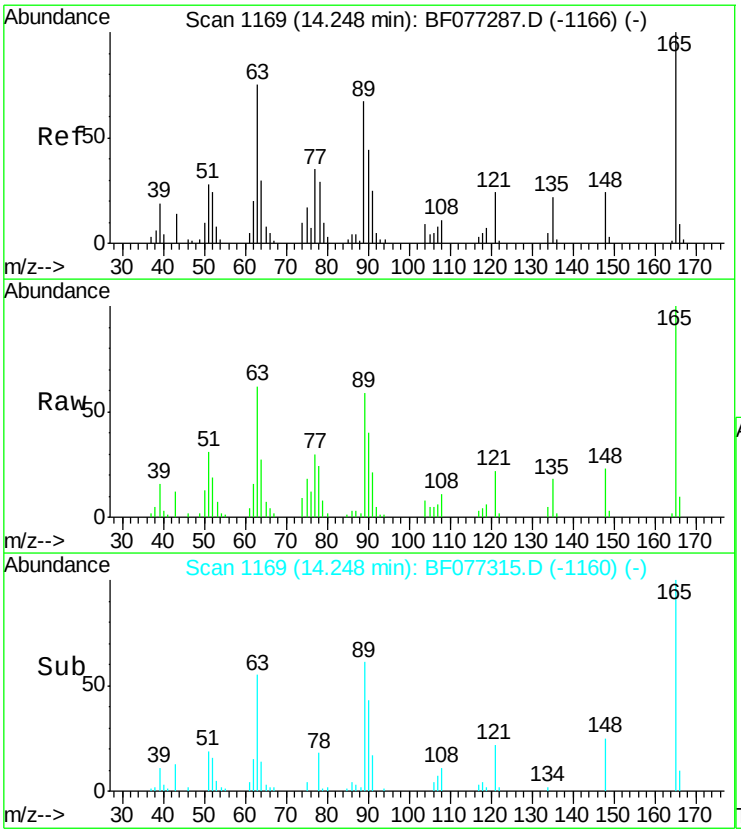

#49
Dimethylphthalate
Concen: 45.79 ng
RT: 14.16 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:163 Resp: 219864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 2.7 | 2.3 | 3.5 |
| 164 | 9.6 | 7.6 | 11.4 |

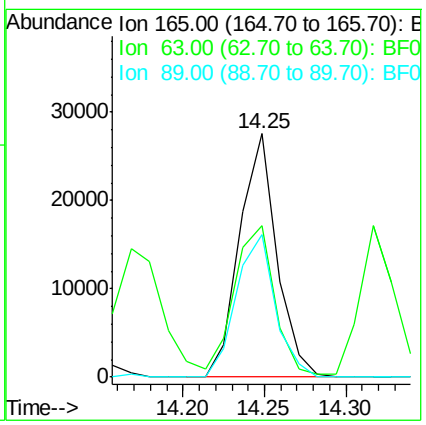


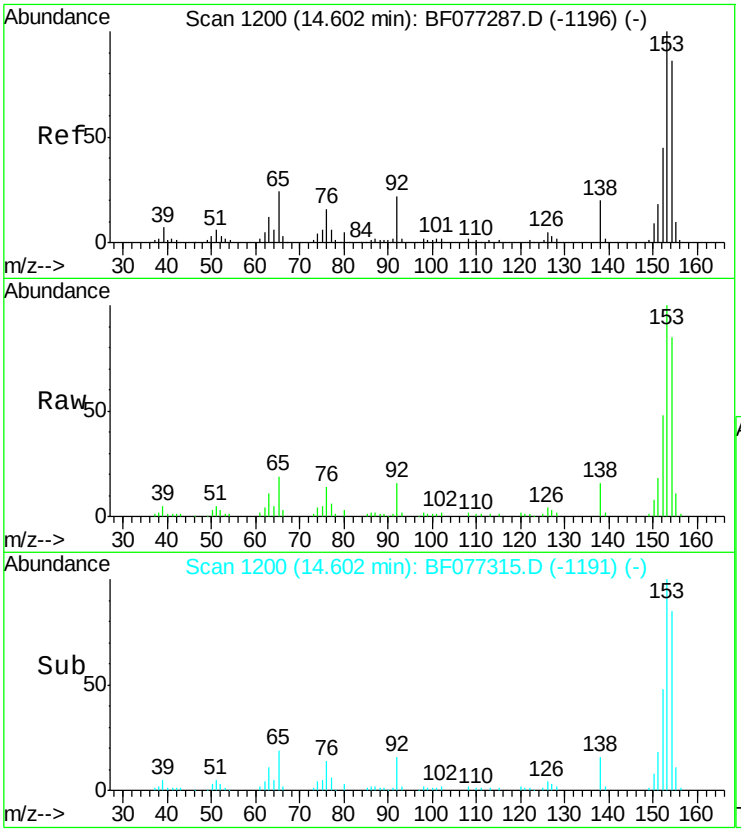




#50
2,6-Dinitrotoluene
Concen: 47.06 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:165 Resp: 43693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 62.1 | 61.2 | 91.8 |
| 89 | 58.6 | 53.7 | 80.5 |



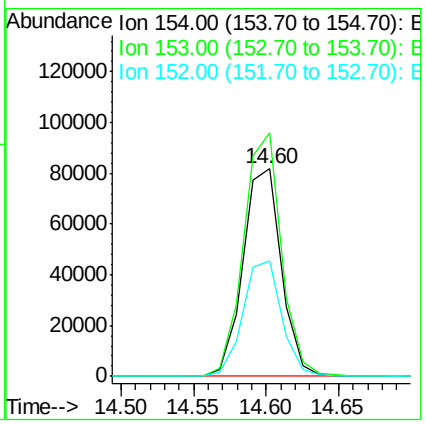


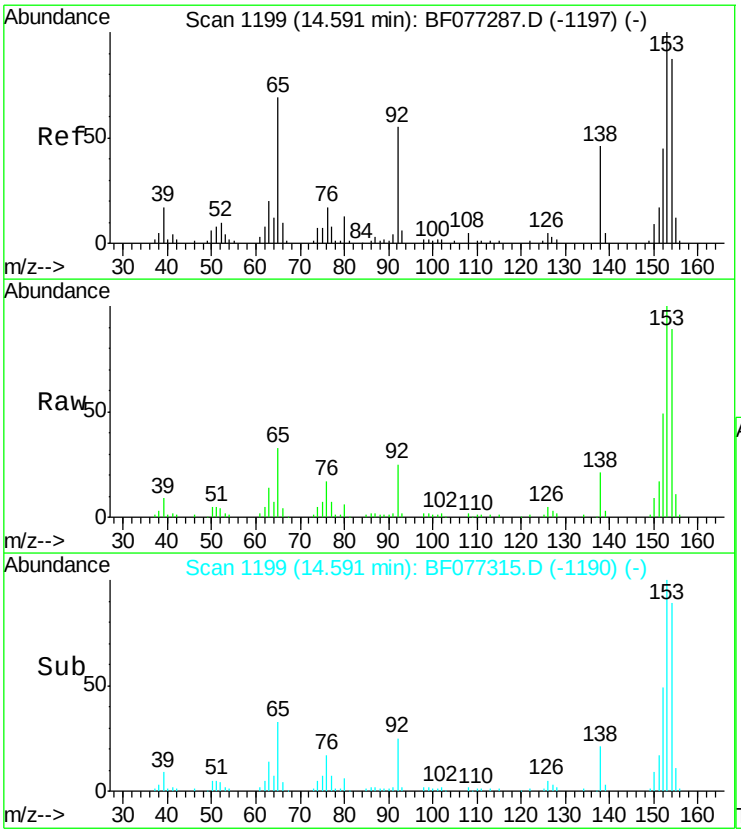

#51
Acenaphthene
Concen: 40.02 ng
RT: 14.60 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:154 Resp: 149408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 117.5 | 92.5 | 138.7 |
| 152 | 56.0 | 42.1 | 63.1 |

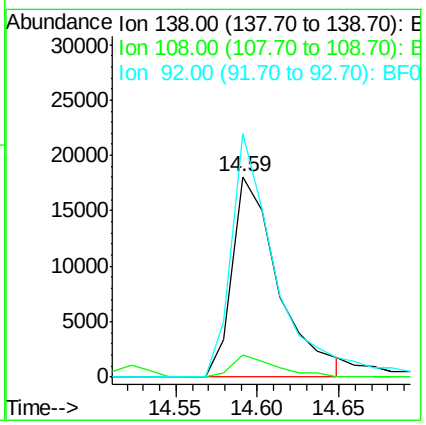


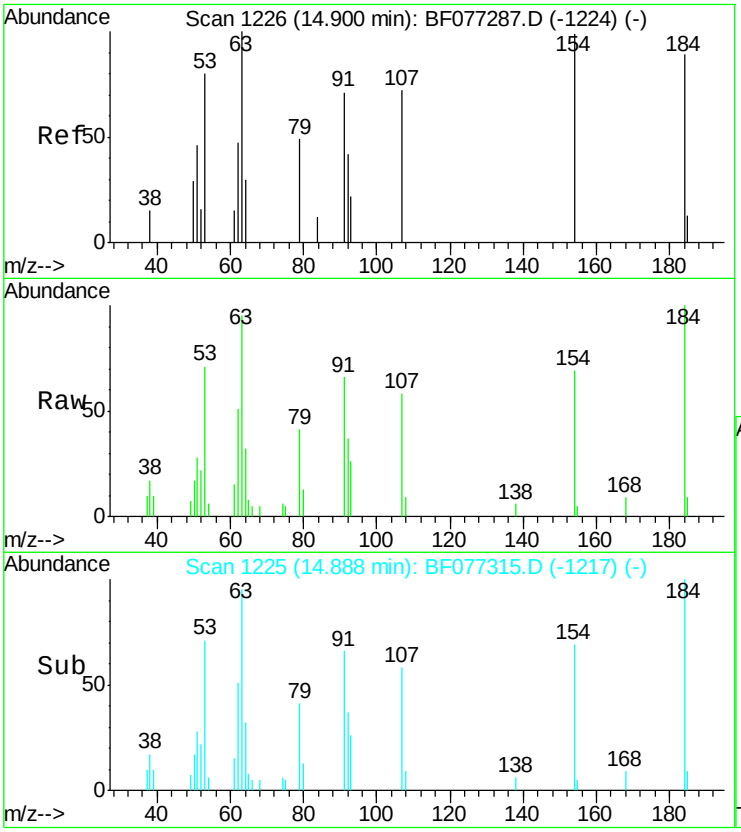




#52
3-Nitroaniline
Concen: 31.27 ng
RT: 14.59 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:138 Resp: 35509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.2 | 9.5 | 14.3 |
| 92 | 121.5 | 95.8 | 143.6 |



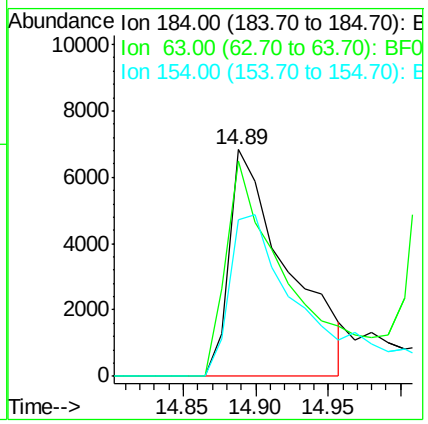


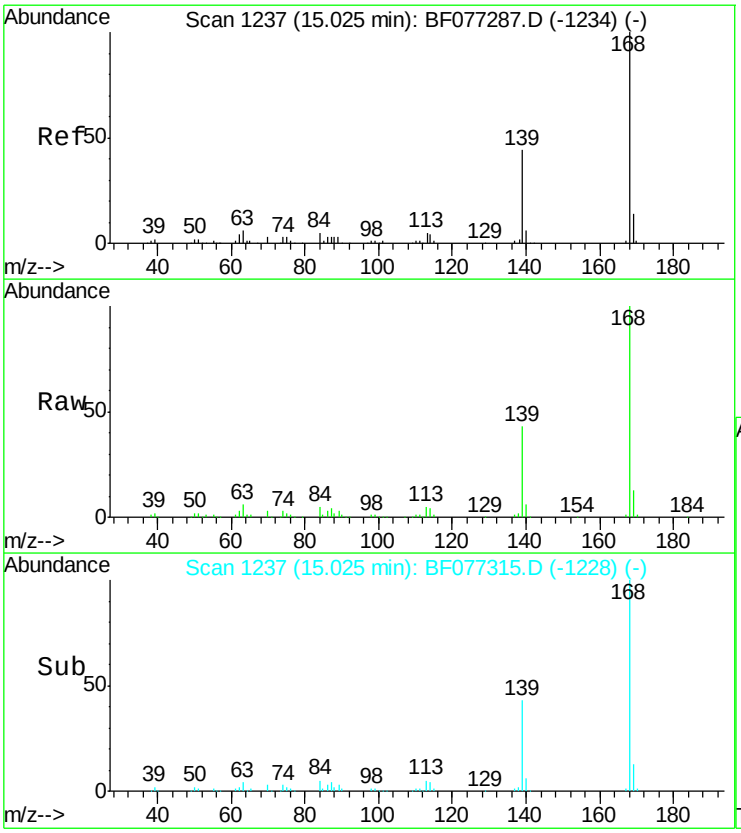

#53
2,4-Dinitrophenol
Concen: 62.27 ng
RT: 14.89 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:184 Resp: 19015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 95.0 | 90.2 | 135.4 |
| 154 | 69.3 | 89.7 | 134.5# |

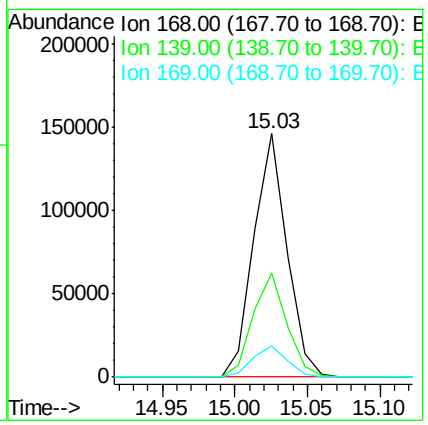


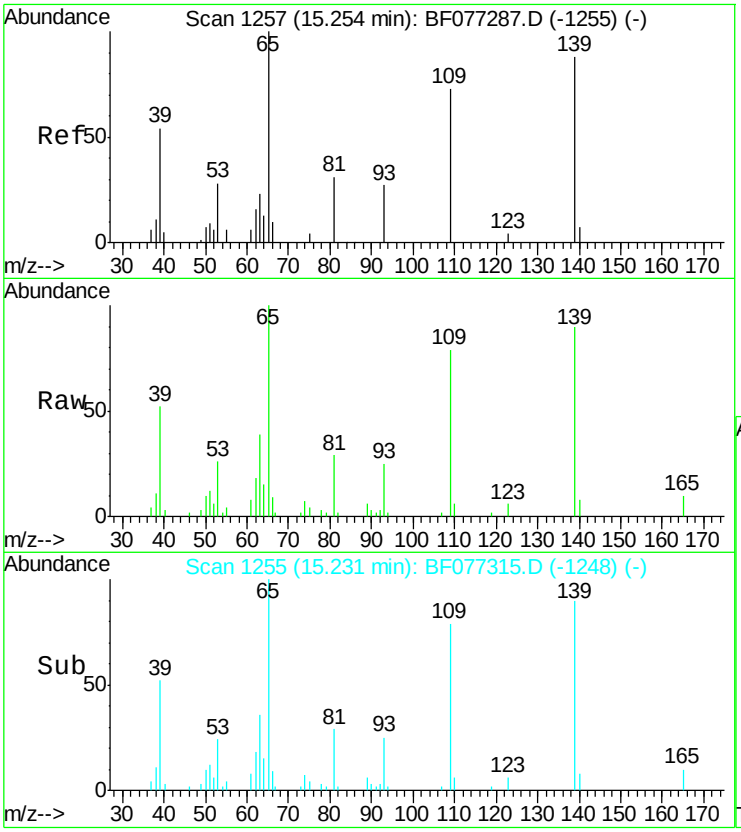




#54
Dibenzofuran
Concen: 40.35 ng
RT: 15.03 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:168 Resp: 232958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.0 | 35.6 | 53.4 |
| 169 | 12.8 | 10.9 | 16.3 |



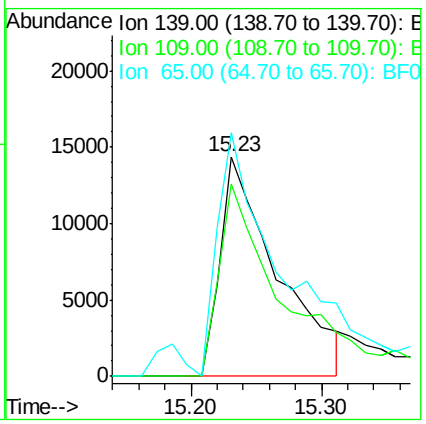


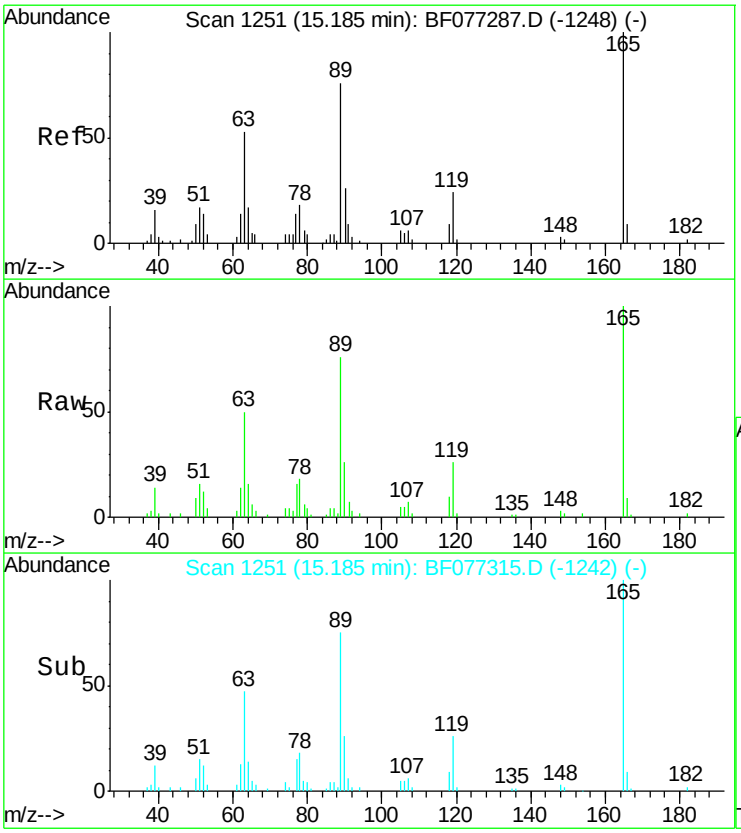

#55
4-Nitrophenol
Concen: 79.17 ng
RT: 15.23 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:139 Resp: 43756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 87.5 | 62.7 | 102.7 |
| 65 | 110.9 | 93.5 | 133.5 |

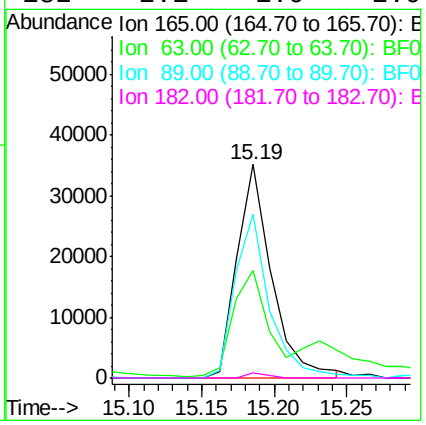


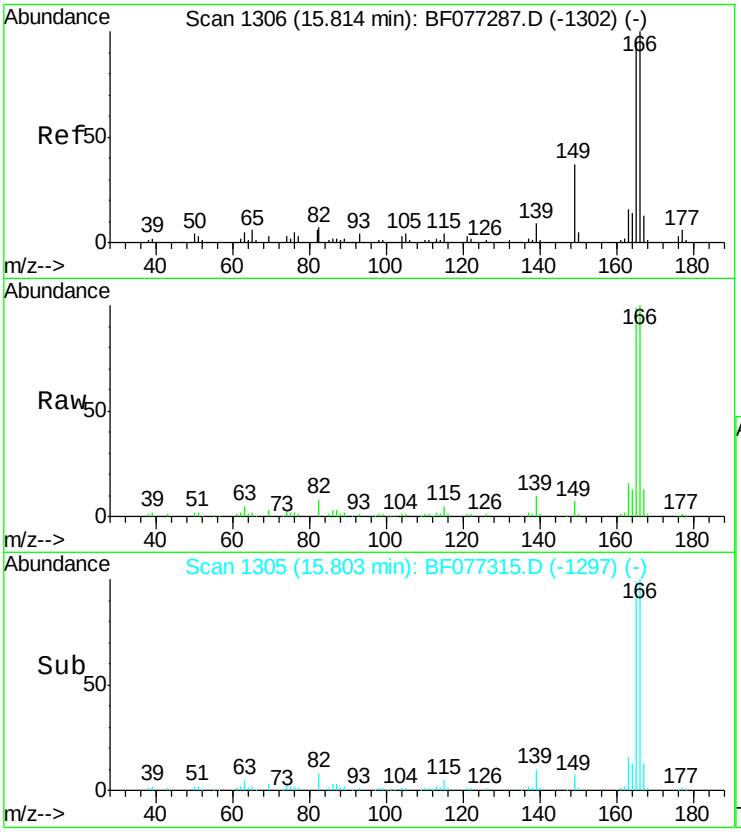




#56
2,4-Dinitrotoluene
Concen: 44.22 ng
RT: 15.19 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:165 Resp: 58671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.2 | 42.4 | 63.6 |
| 89 | 76.5 | 61.1 | 91.7 |
| 182 | 2.1 | 1.9 | 2.9 |



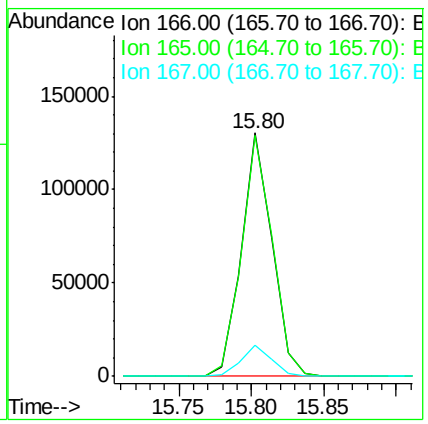


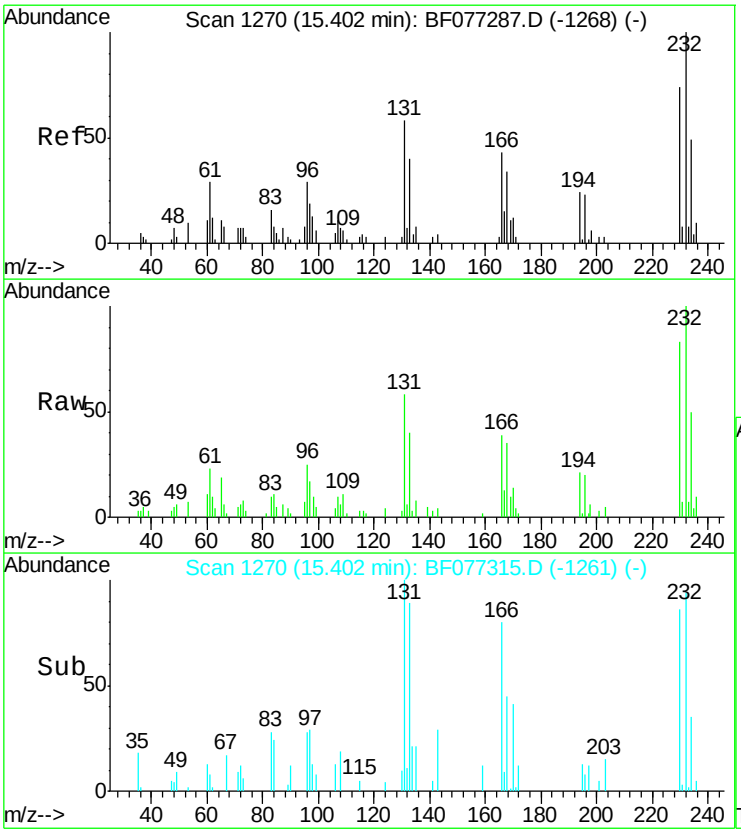

#57
Fluorene
Concen: 40.21 ng
RT: 15.80 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:166 Resp: 190061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.2 | 75.9 | 113.9 |
| 167 | 12.8 | 10.2 | 15.4 |

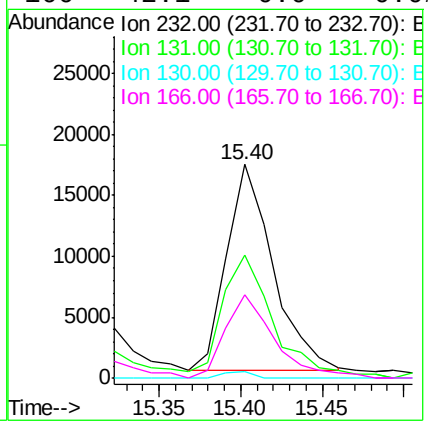


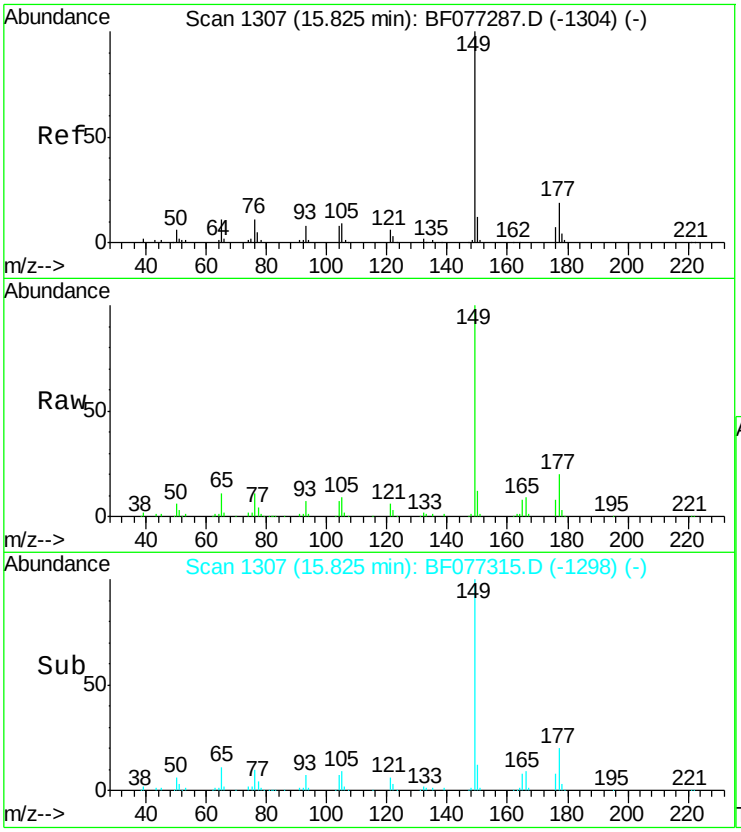




#58
2,3,4,6-Tetrachlorophenol
Concen: 45.78 ng
RT: 15.40 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:232 Resp: 33276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 56.7 | 0.0 | 0.0# |
| 130 | 2.1 | 0.0 | 0.0# |
| 166 | 42.1 | 0.0 | 0.0# |



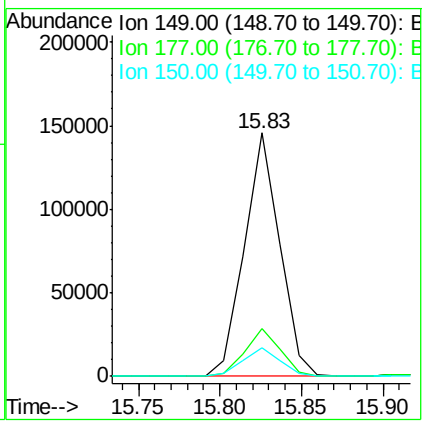


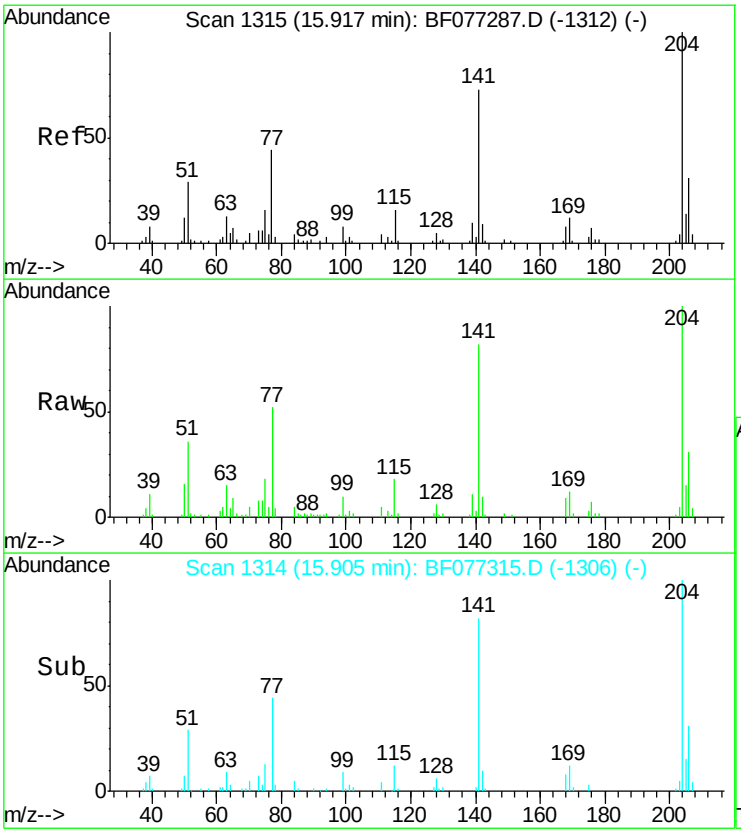

#59
Diethylphthalate
Concen: 43.75 ng
RT: 15.83 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:149 Resp: 218733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 19.7 | 15.0 | 22.4 |
| 150 | 11.7 | 9.4 | 14.2 |

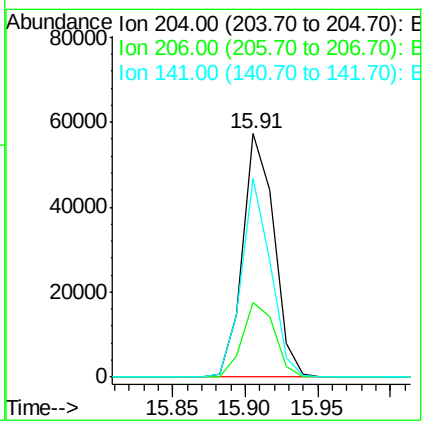


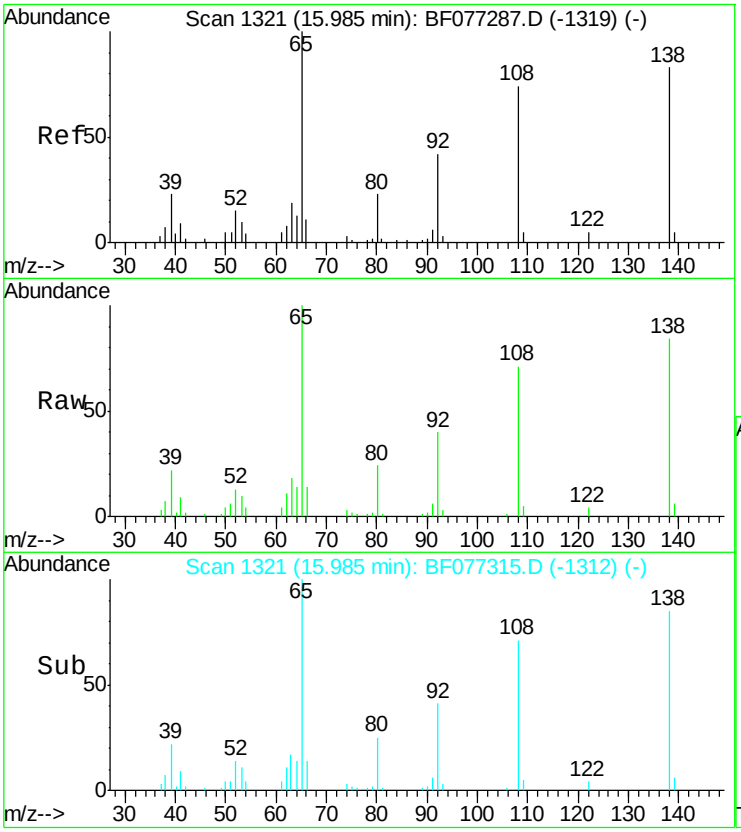




#60
4-Chlorophenyl-phenylether
Concen: 43.73 ng
RT: 15.91 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:204 Resp: 85930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 30.8 | 25.0 | 37.6 |
| 141 | 81.8 | 58.6 | 87.8 |



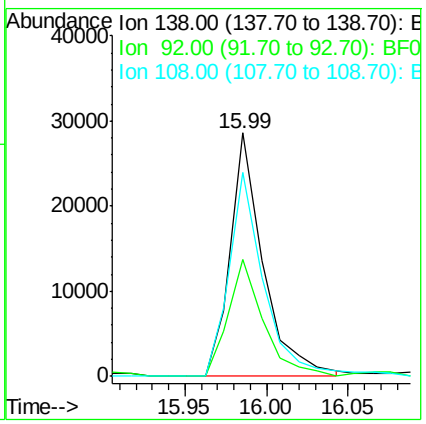


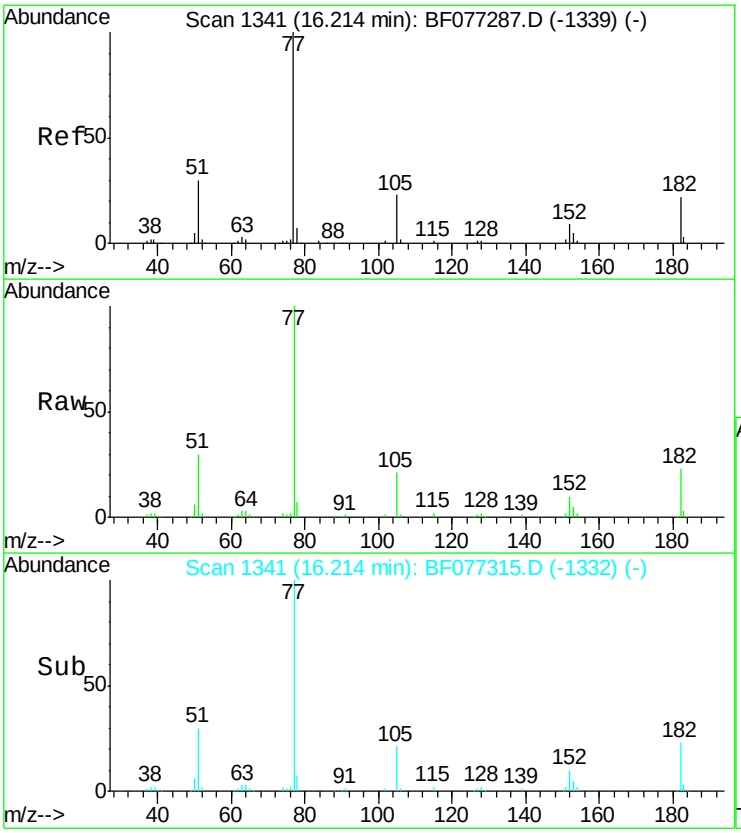

#61
4-Nitroaniline
Concen: 37.65 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:138 Resp: 39913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.8 | 30.7 | 70.7 |
| 108 | 84.0 | 69.7 | 109.7 |

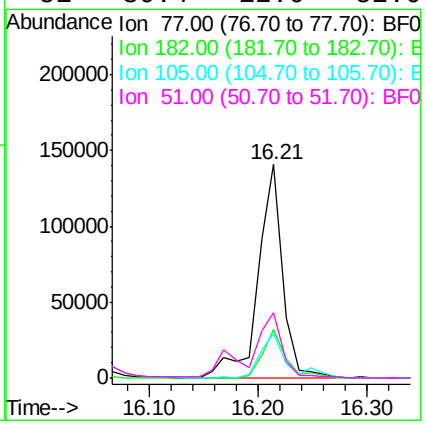


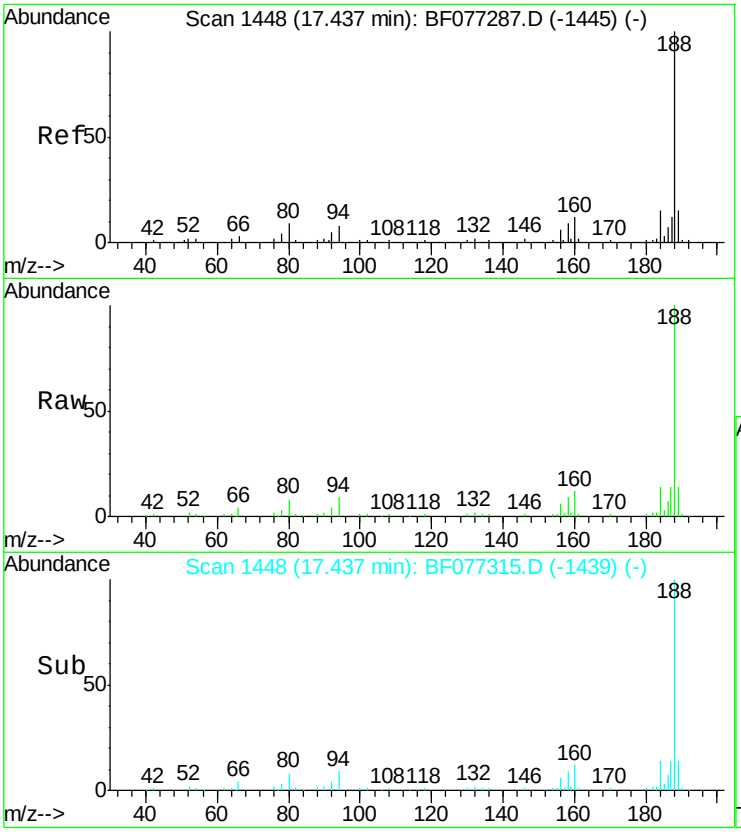




#62
Azobenzene
Concen: 46.42 ng
RT: 16.21 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 77 Resp: 221384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 22.6 | 0.9 | 40.9 |
| 105 | 21.3 | 2.2 | 42.2 |
| 51 | 30.4 | 12.0 | 52.0 |



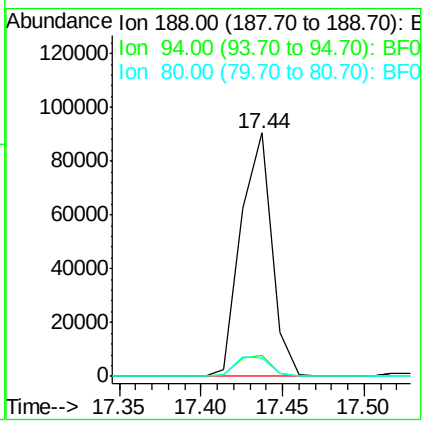


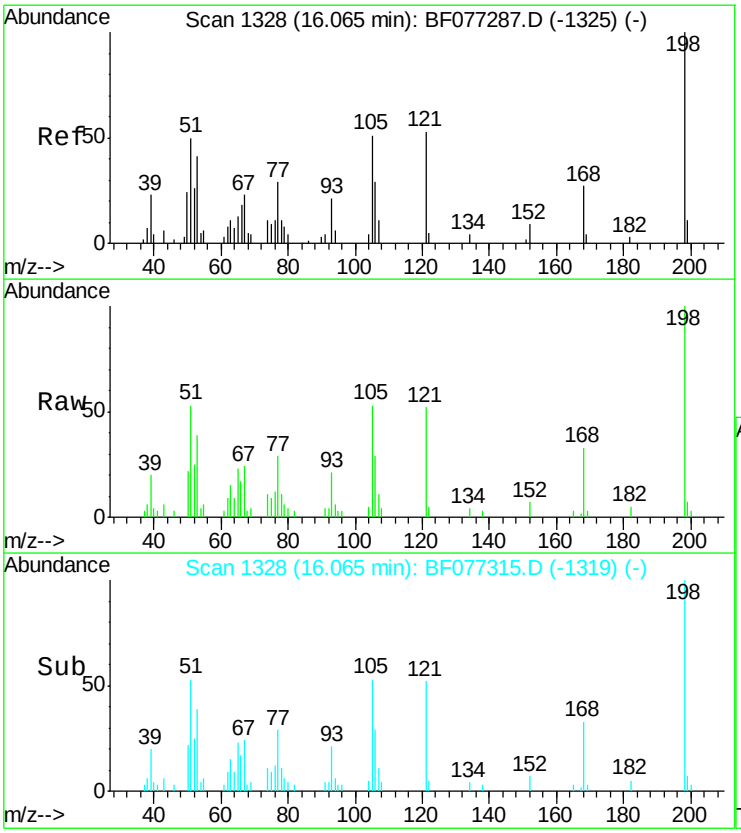

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:188 Resp: 118273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 6.5 | 9.7 |
| 80 | 7.6 | 7.1 | 10.7 |

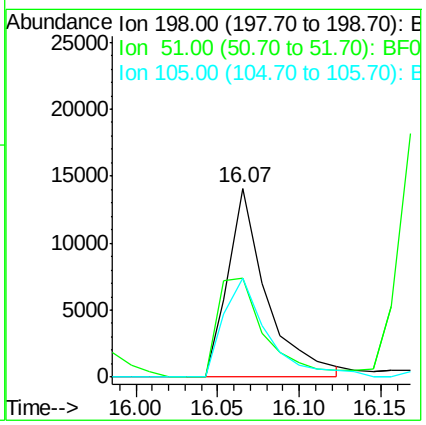


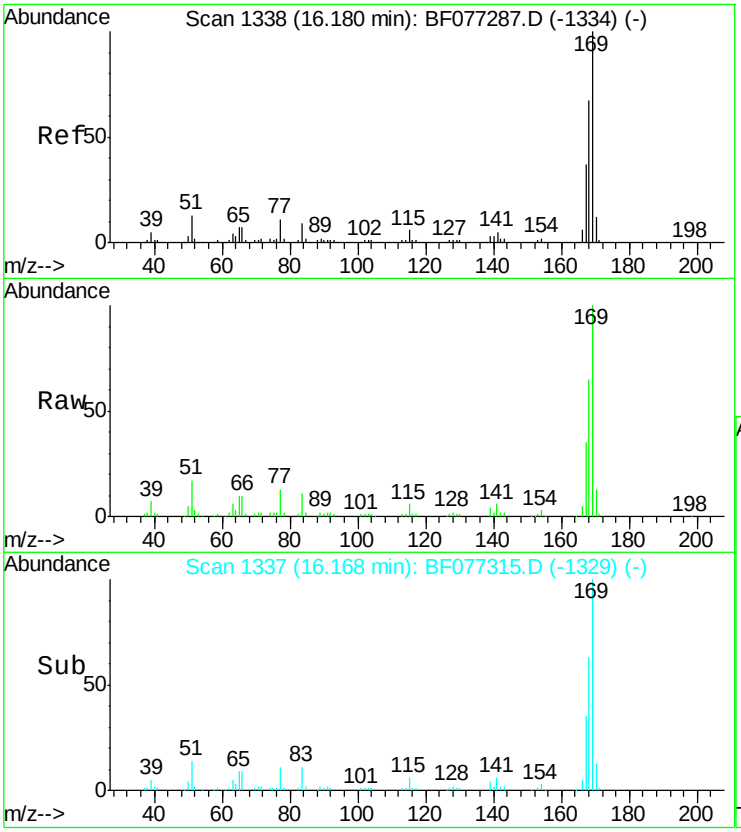




#64
4,6-Dinitro-2-methylphenol
Concen: 36.10 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:198 Resp: 23368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 52.5 | 33.8 | 73.8 |
| 105 | 52.6 | 30.9 | 70.9 |



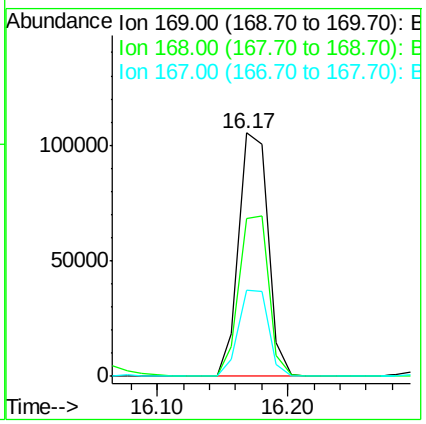


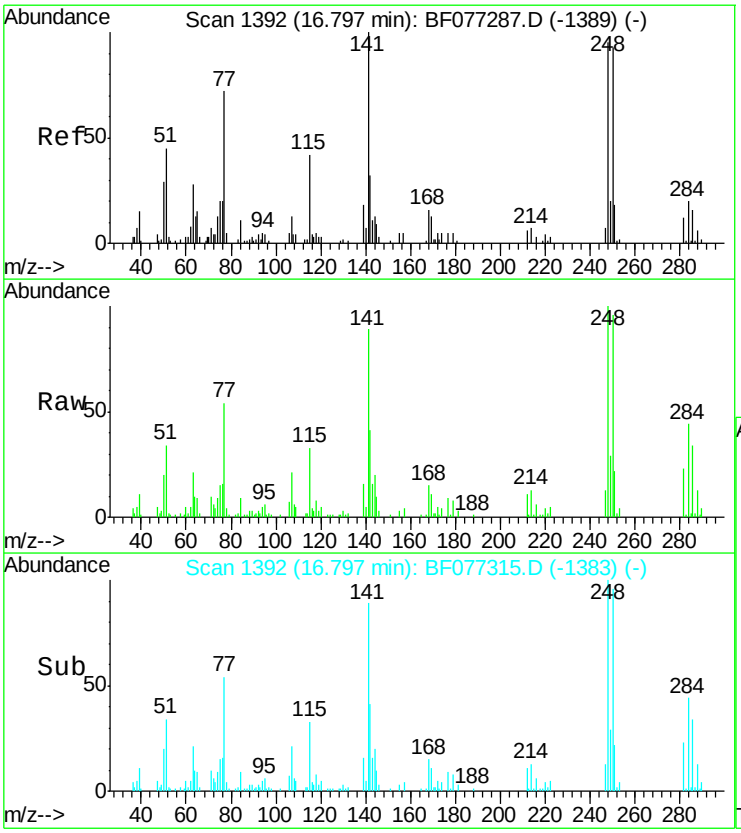

#65
n-Nitrosodiphenylamine
Concen: 39.06 ng
RT: 16.17 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:169 Resp: 164776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.1 | 53.9 | 80.9 |
| 167 | 35.4 | 29.6 | 44.4 |

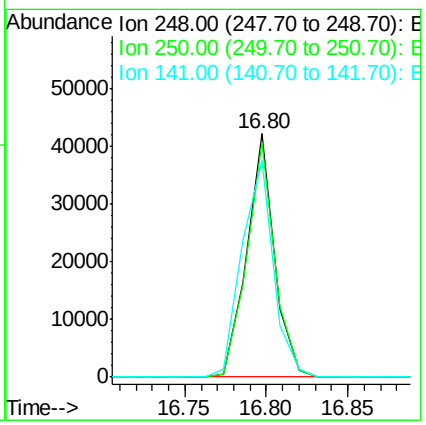


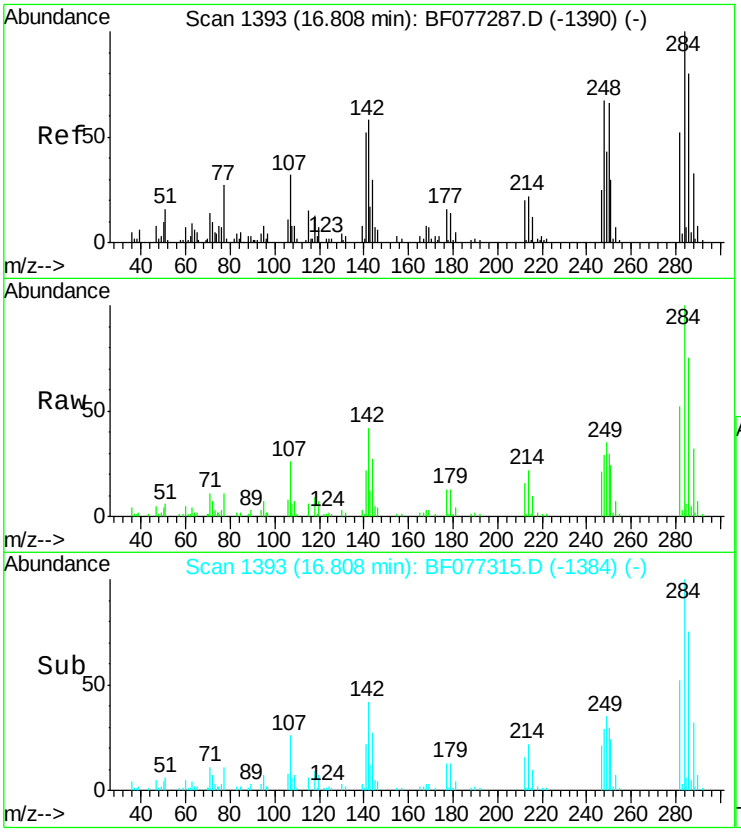




#66
4-Bromophenyl-phenylether
Concen: 40.02 ng
RT: 16.80 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:248 Resp: 49465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.5 | 77.8 | 116.8 |
| 141 | 88.9 | 83.8 | 125.6 |



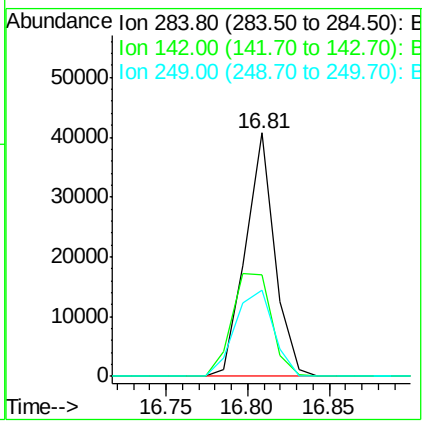


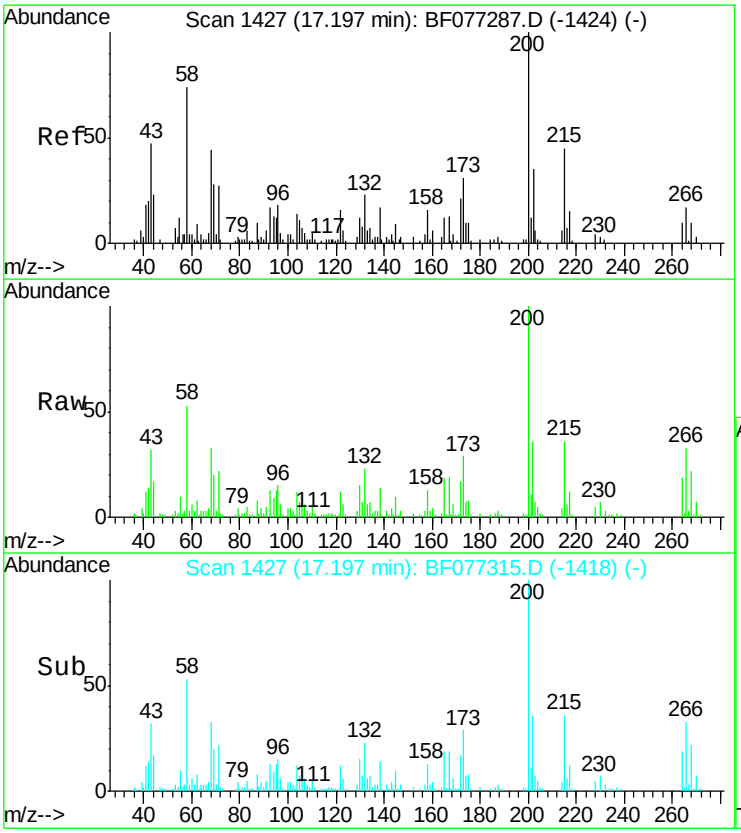

#67
Hexachlorobenzene
Concen: 40.35 ng
RT: 16.81 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:284 Resp: 50783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 41.8 | 46.2 | 69.4# |
| 249 | 35.3 | 34.5 | 51.7 |

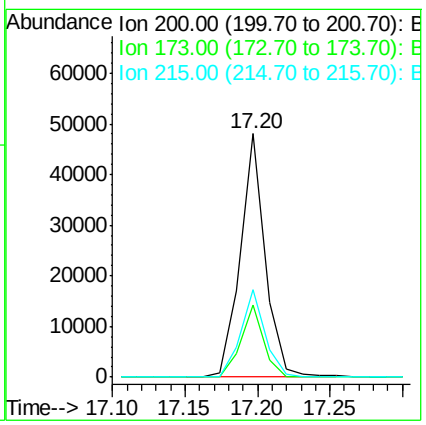


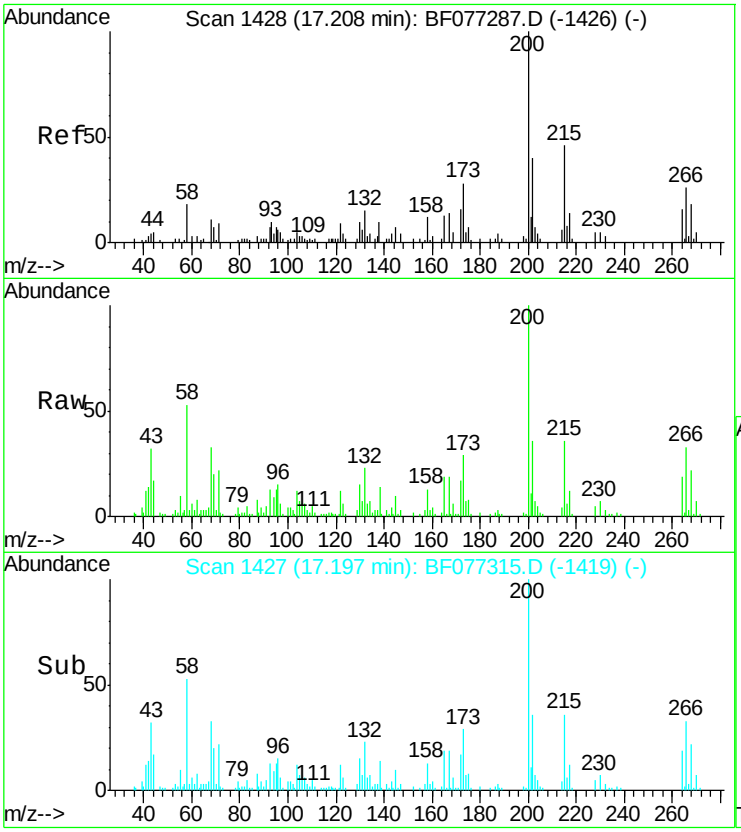




#68
Atrazine
Concen: 42.98 ng
RT: 17.20 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:200 Resp: 57435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.5 | 11.3 | 51.3 |
| 215 | 35.9 | 25.3 | 65.3 |



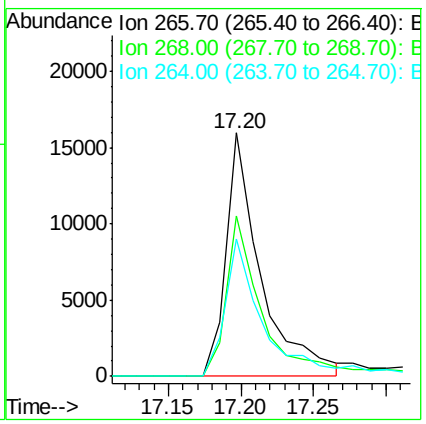


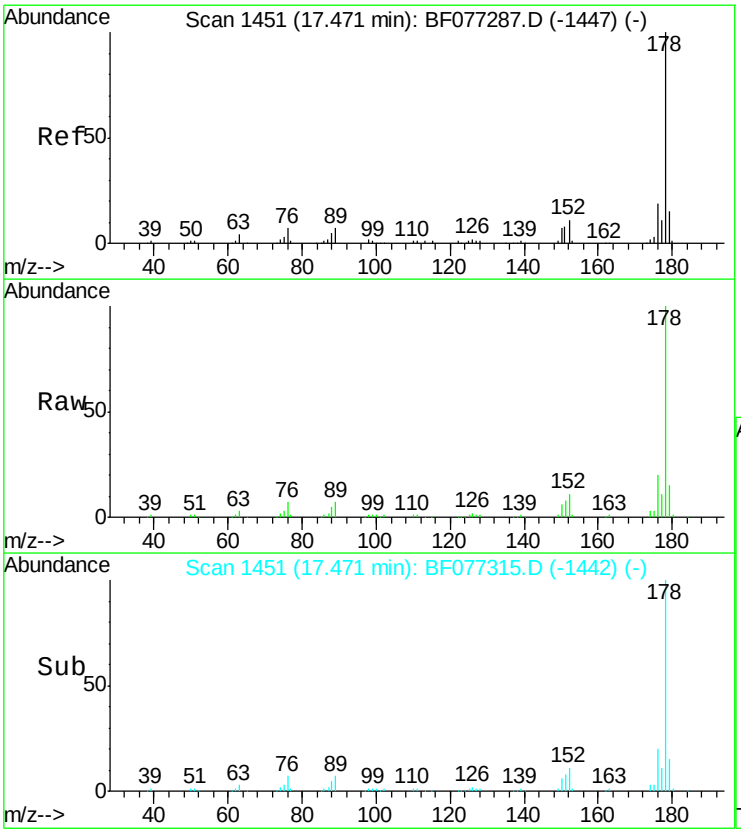

#69
Pentachlorophenol
Concen: 69.40 ng
RT: 17.20 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:266 Resp: 26586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.8 | 55.0 | 82.6 |
| 264 | 56.4 | 49.5 | 74.3 |

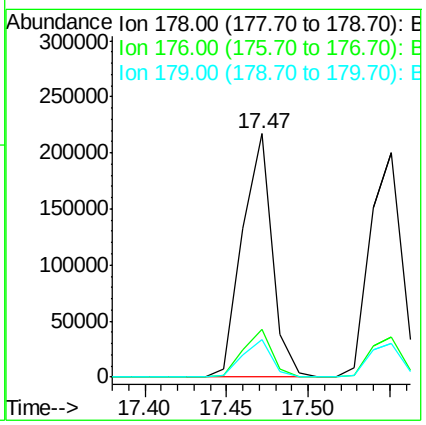


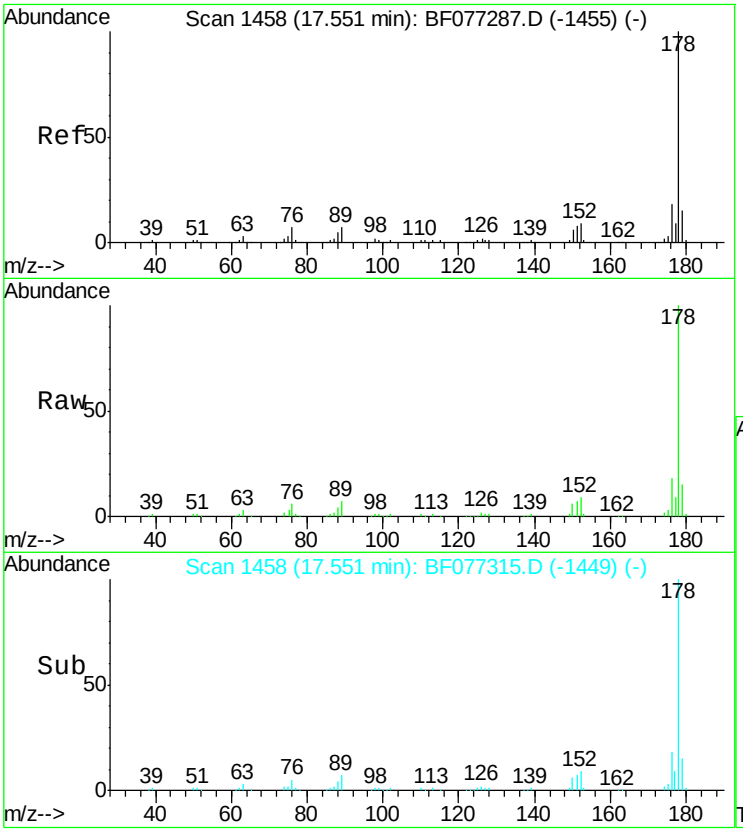




#70
Phenanthrene
Concen: 38.40 ng
RT: 17.47 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:178 Resp: 273929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.2 | 22.8 |
| 179 | 15.5 | 12.1 | 18.1 |



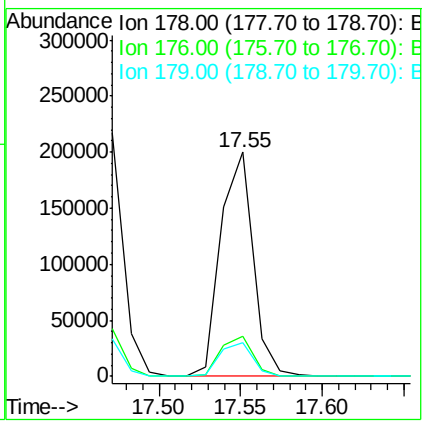


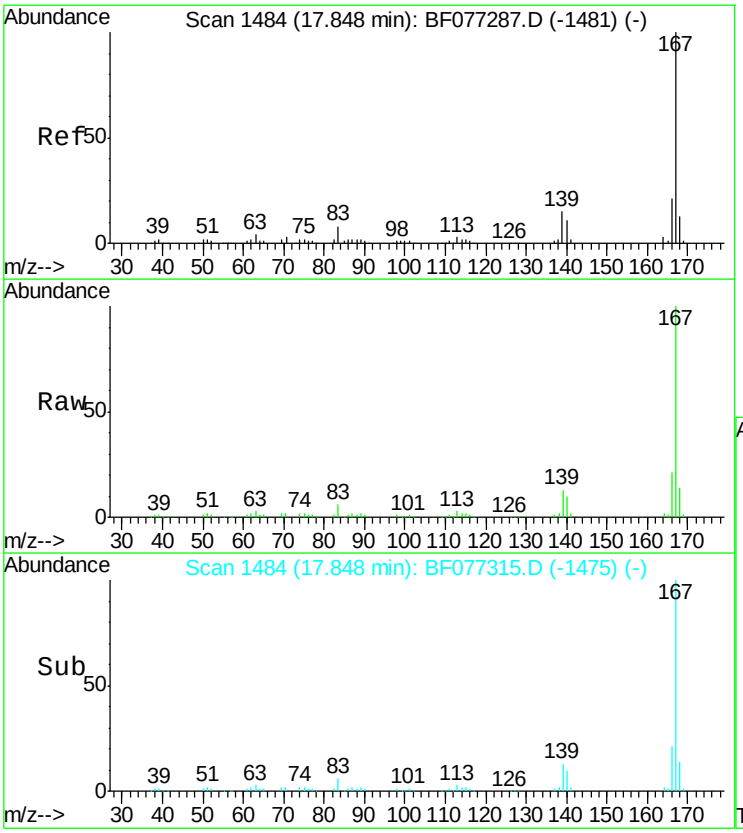

#71
Anthracene
Concen: 38.34 ng
RT: 17.55 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:178 Resp: 274424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.1 | 14.6 | 22.0 |
| 179 | 14.8 | 12.1 | 18.1 |

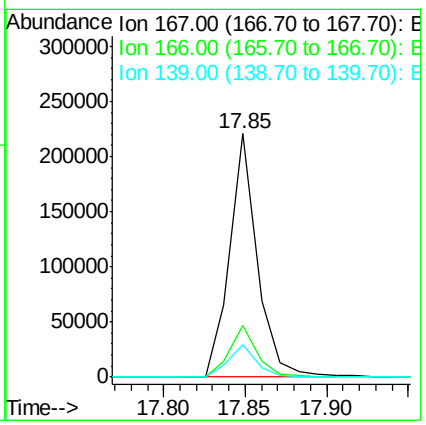


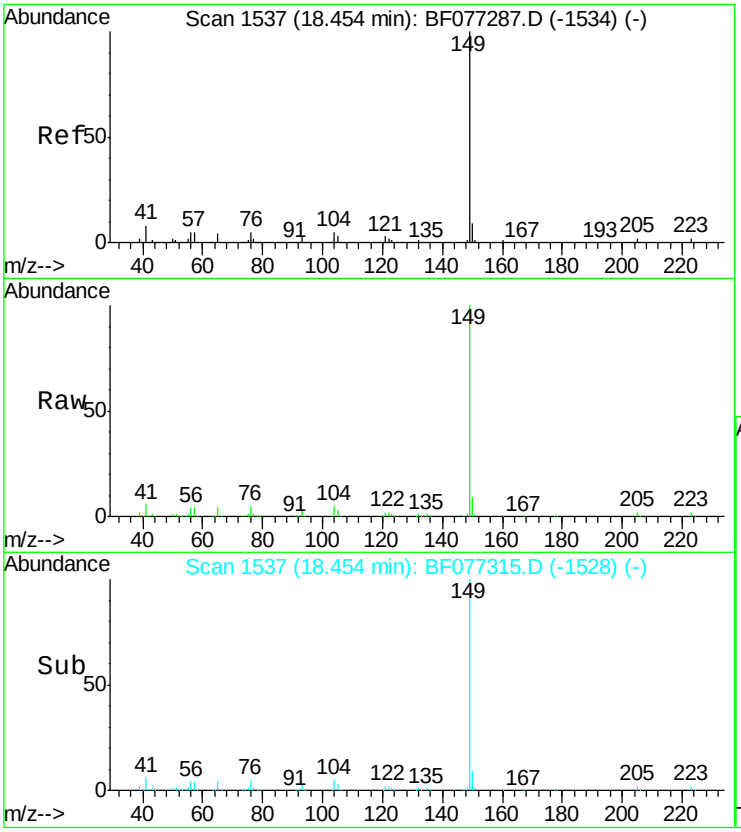




#72
Carbazole
Concen: 37.92 ng
RT: 17.85 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:167 Resp: 259200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.0 | 17.0 | 25.6 |
| 139 | 13.2 | 11.7 | 17.5 |



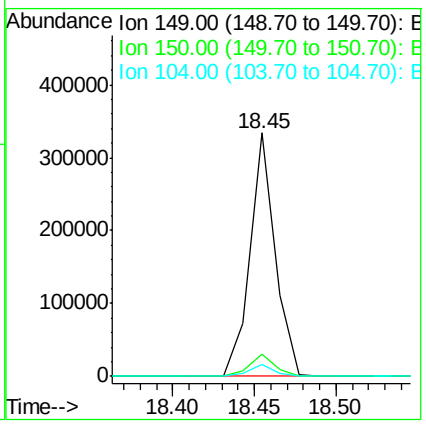


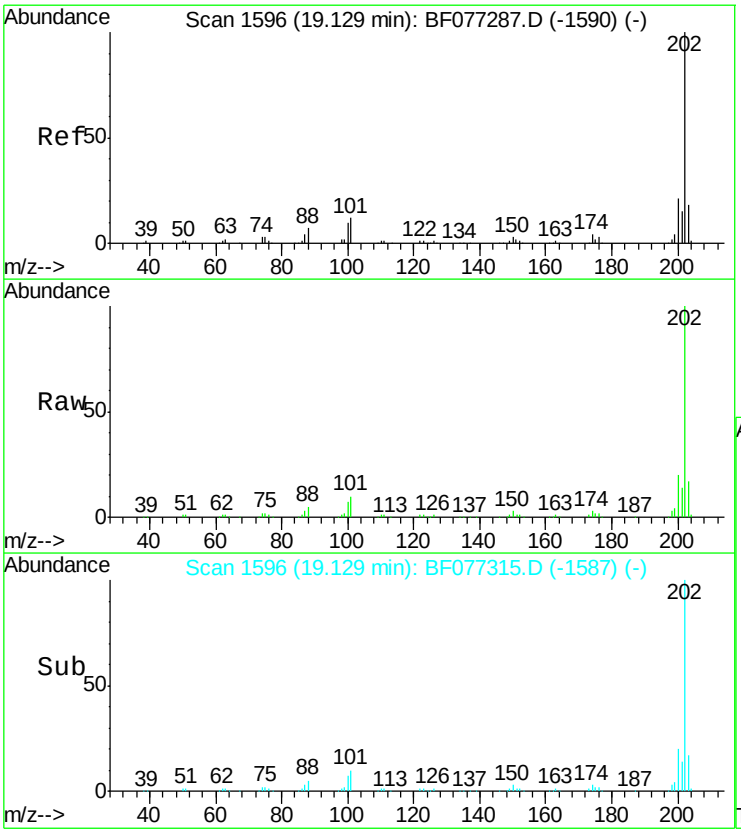

#73
Di-n-butylphthalate
Concen: 41.23 ng
RT: 18.45 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:149 Resp: 358718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.4 | 11.2 |
| 104 | 5.1 | 4.2 | 6.2 |

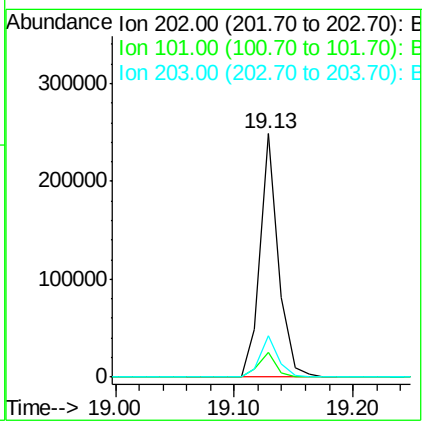


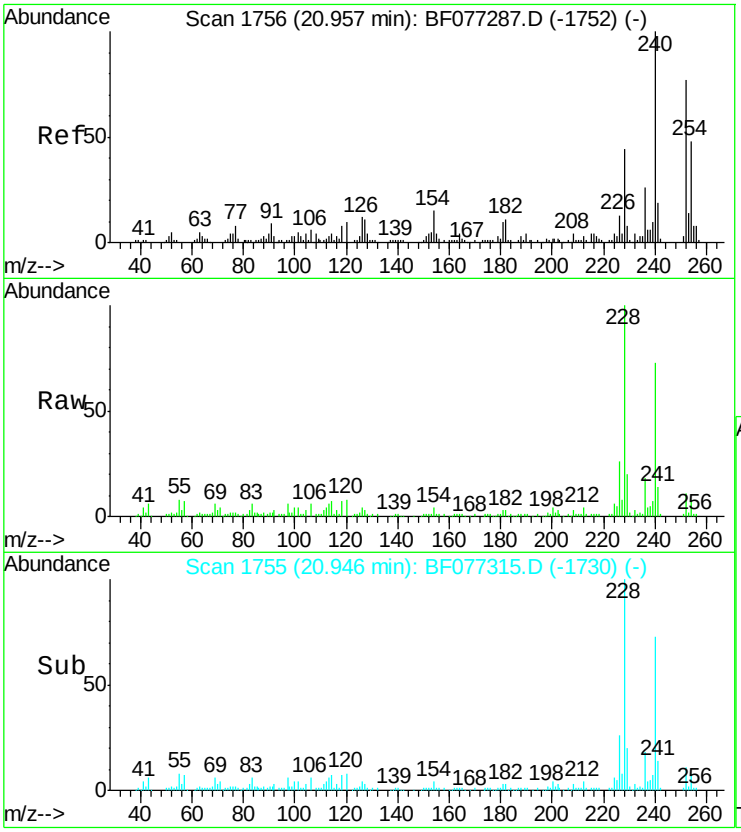




#74
Fluoranthene
Concen: 36.69 ng
RT: 19.13 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:202 Resp: 269606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.2 | 0.0 | 32.4 |
| 203 | 16.9 | 0.0 | 37.8 |



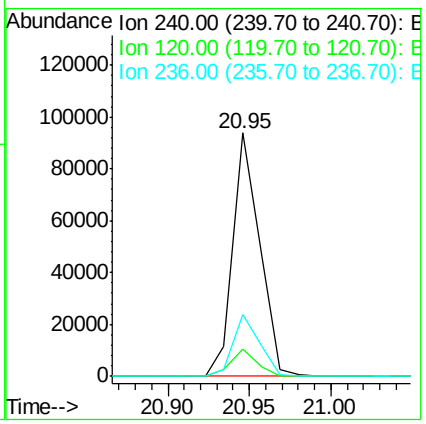


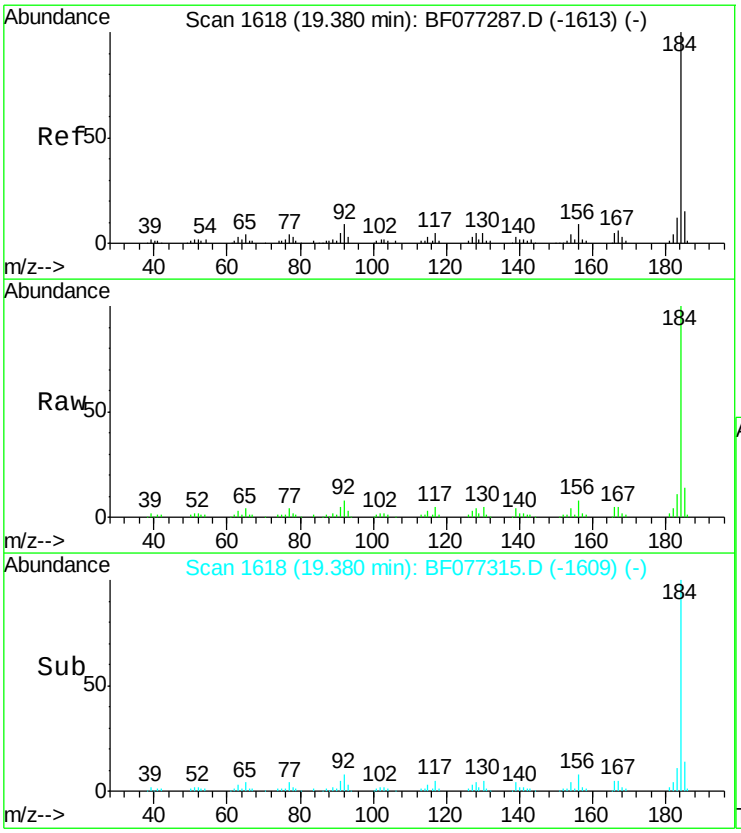

#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.95 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:240 Resp: 105922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 7.8 | 11.8 |
| 236 | 25.2 | 20.4 | 30.6 |

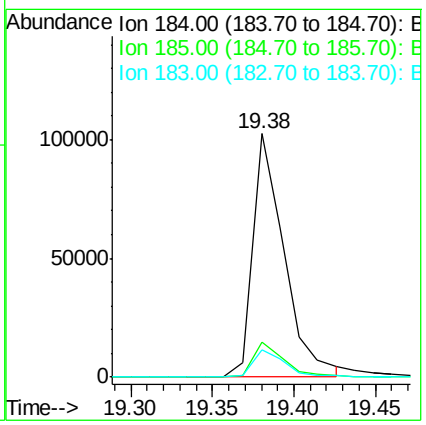


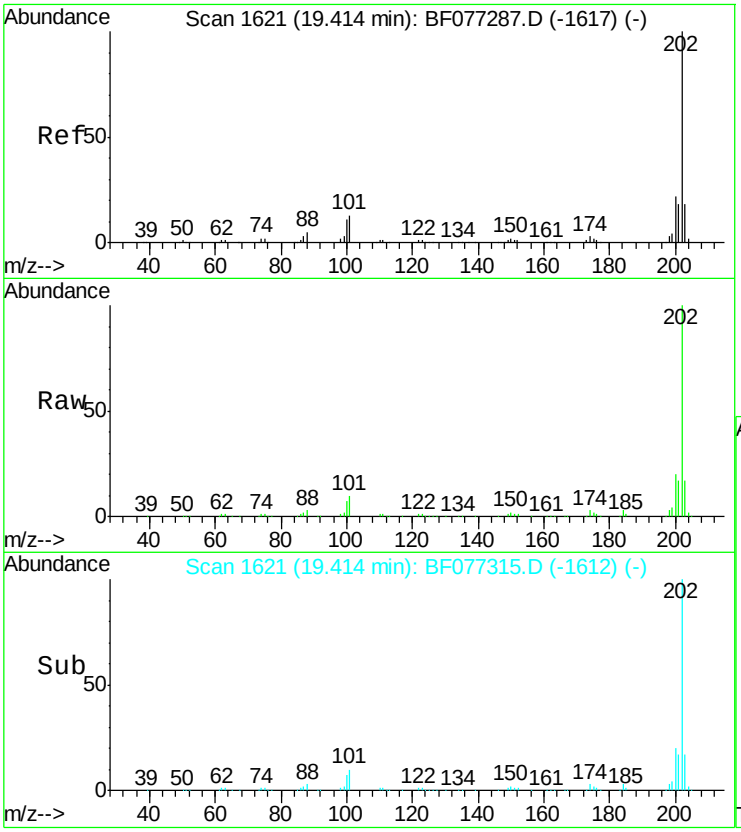




#76
Benzidine
Concen: 31.98 ng
RT: 19.38 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:184 Resp: 137320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.8 | 17.6 |
| 183 | 11.2 | 9.3 | 13.9 |



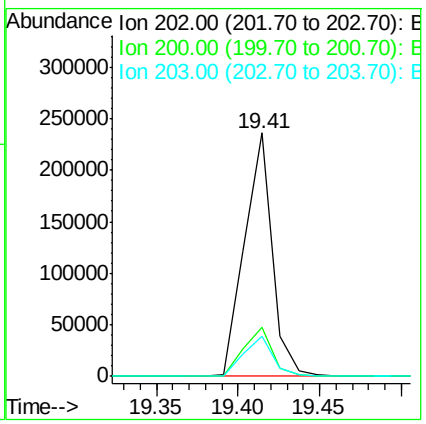


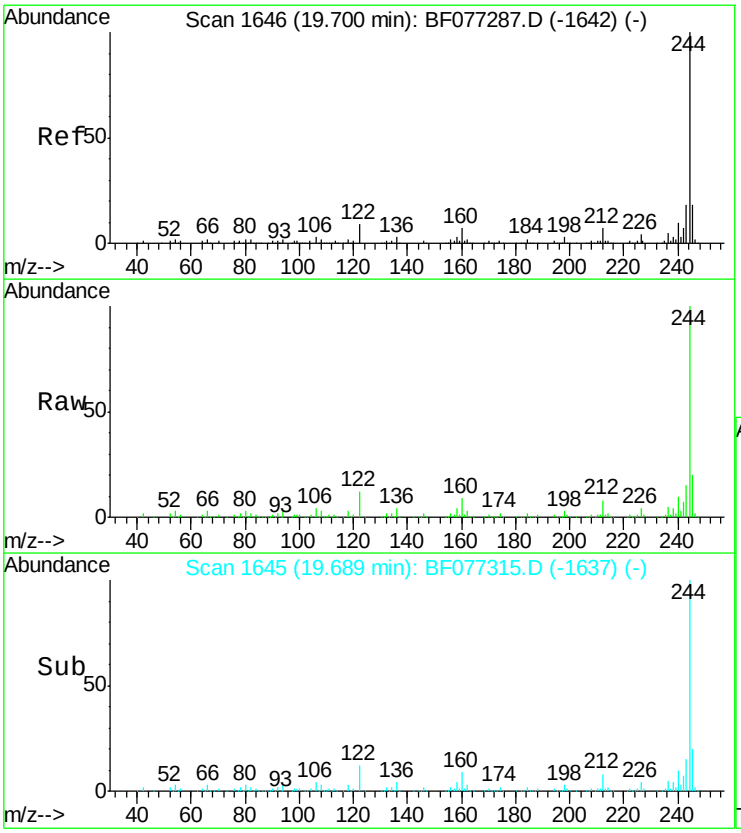

#77
Pyrene
Concen: 39.31 ng
RT: 19.41 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:202 Resp: 277705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.4 | 17.4 | 26.0 |
| 203 | 16.7 | 14.1 | 21.1 |

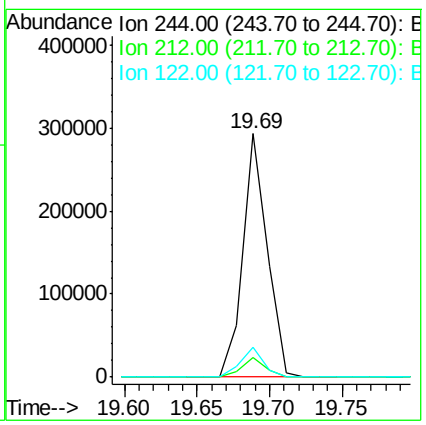


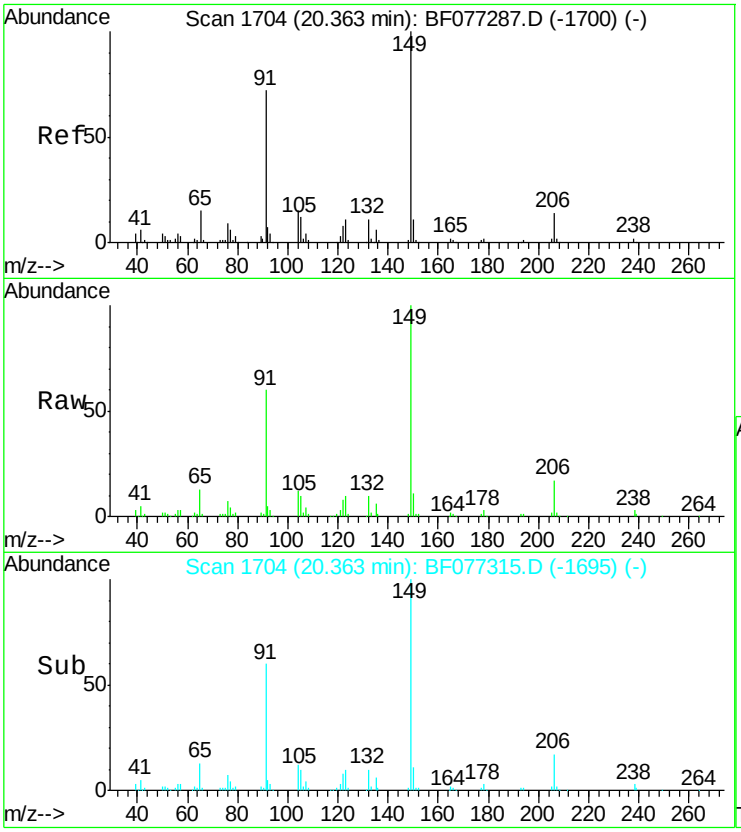




#78
Terphenyl-d14
Concen: 72.27 ng
RT: 19.69 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:244 Resp: 340787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 5.6 | 8.4 |
| 122 | 12.4 | 7.0 | 10.4# |



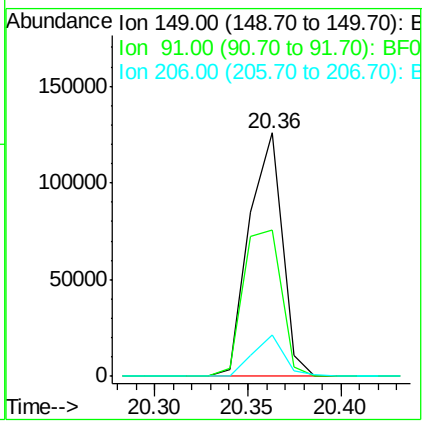


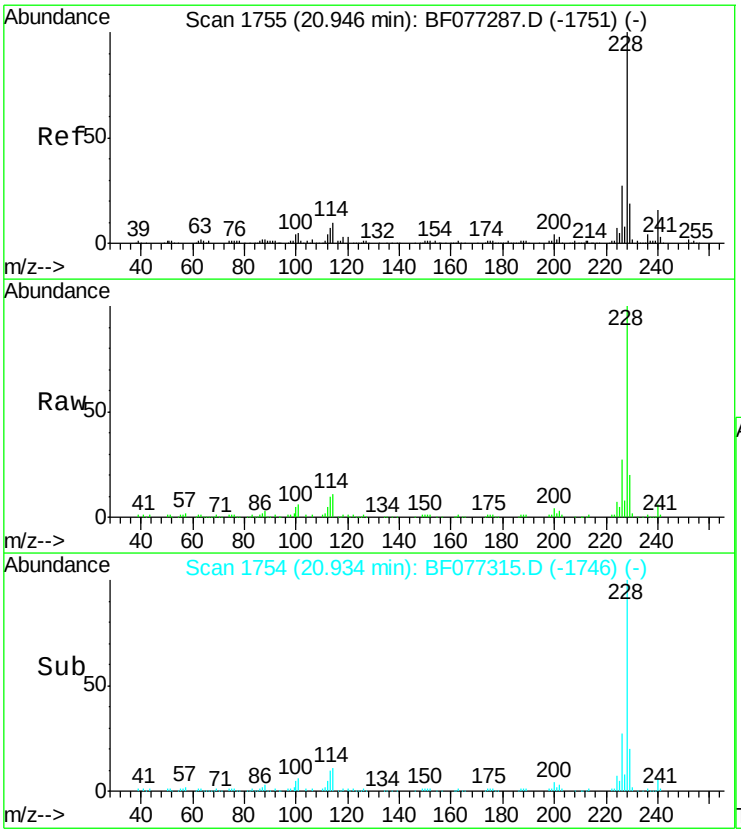

#79
Butylbenzylphthalate
Concen: 43.14 ng
RT: 20.36 min Scan# 1704
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:149 Resp: 154306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 60.3 | 57.3 | 85.9 |
| 206 | 17.1 | 11.6 | 17.4 |

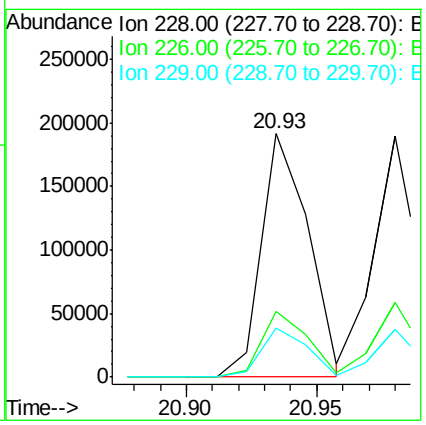


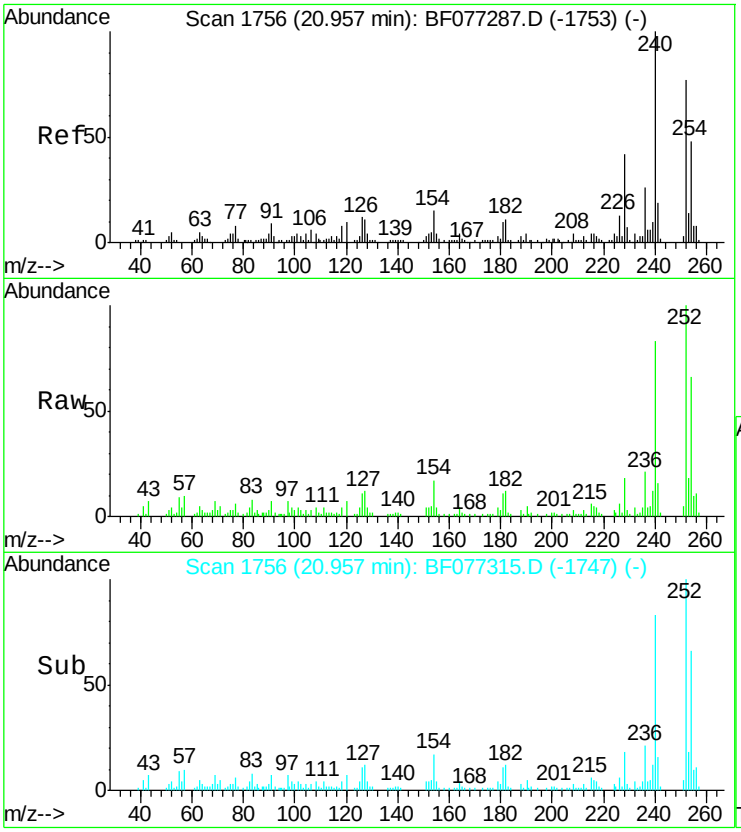




#80
Benzo(a)anthracene
Concen: 36.81 ng
RT: 20.93 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:228 Resp: 240003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 21.4 | 32.2 |
| 229 | 20.1 | 15.5 | 23.3 |



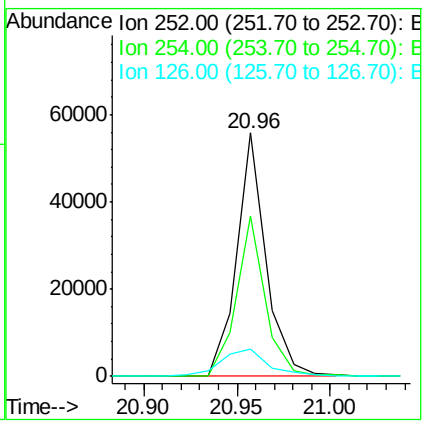


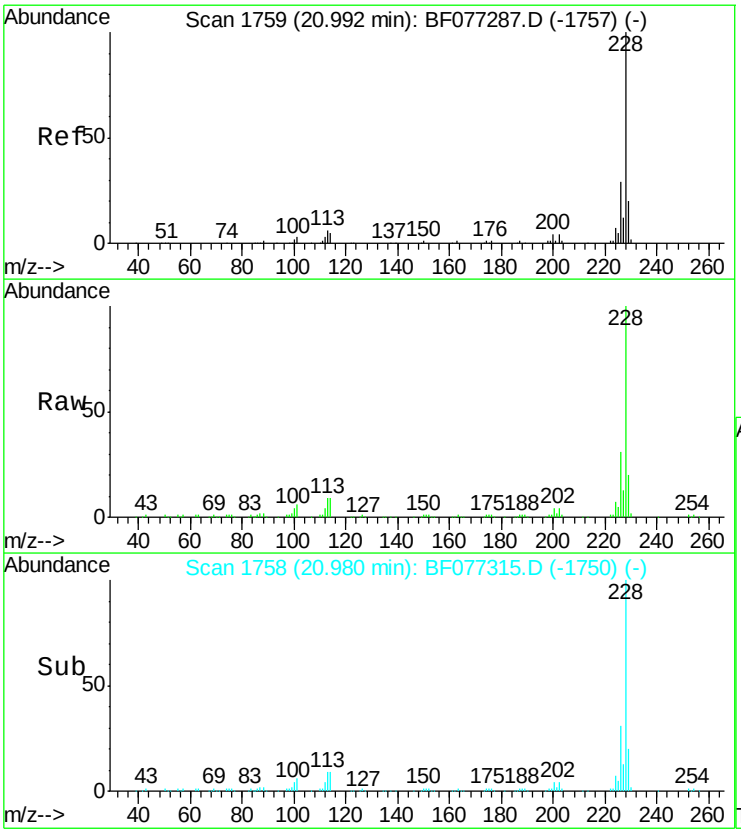

#81
3,3'-Dichlorobenzidine
Concen: 26.72 ng
RT: 20.96 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:252 Resp: 61077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.7 | 49.5 | 74.3 |
| 126 | 11.4 | 12.6 | 19.0# |

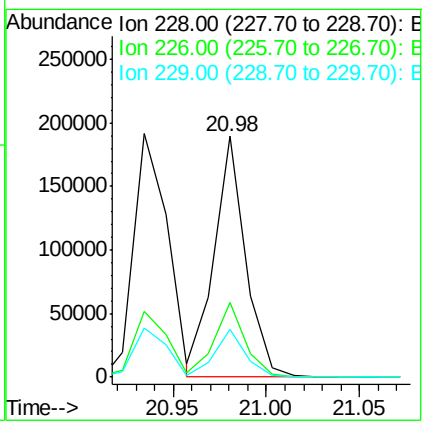


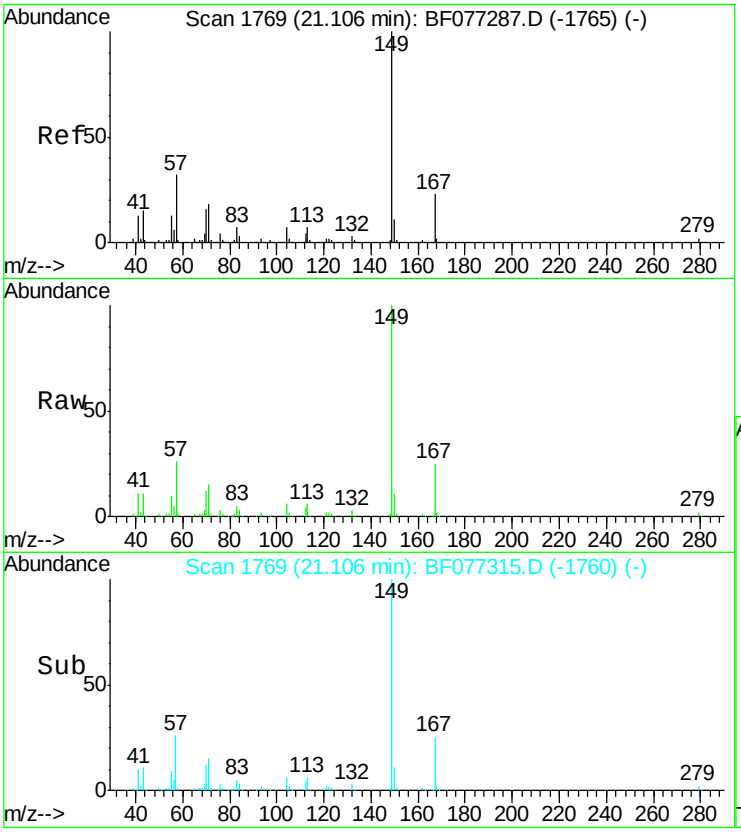




#82
Chrysene
Concen: 37.46 ng
RT: 20.98 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:228 Resp: 221296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 24.3 | 36.5 |
| 229 | 19.9 | 15.8 | 23.8 |



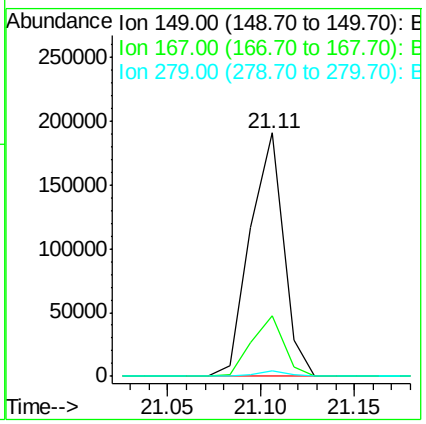


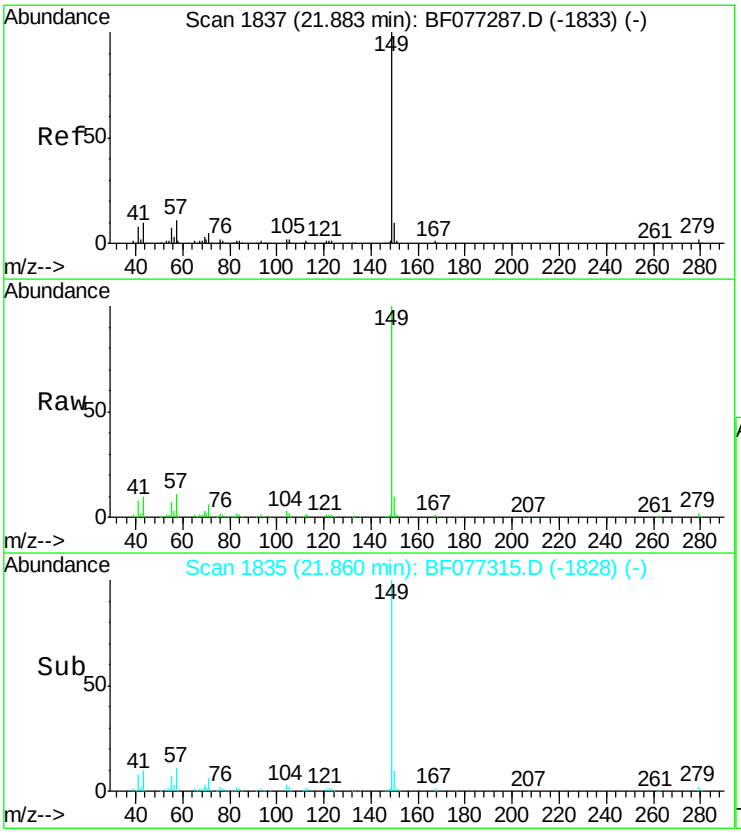

#83
Bis(2-ethylhexyl)phthalate
Concen: 44.53 ng
RT: 21.11 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:149 Resp: 237011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.9 | 18.6 | 28.0 |
| 279 | 2.5 | 1.5 | 2.3# |

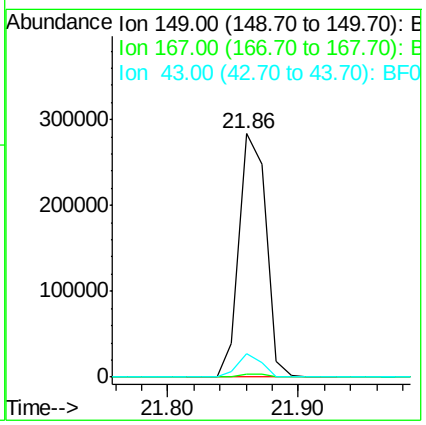


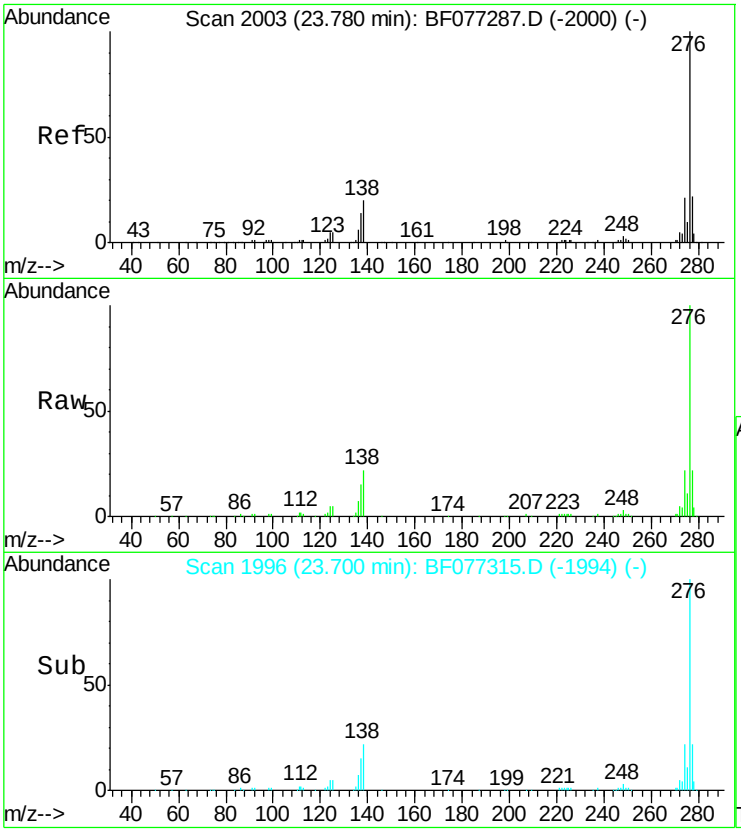




#84
Di-n-octyl phthalate
Concen: 44.50 ng
RT: 21.86 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:149 Resp: 407273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.1 | 1.7 |
| 43 | 8.9 | 7.3 | 10.9 |



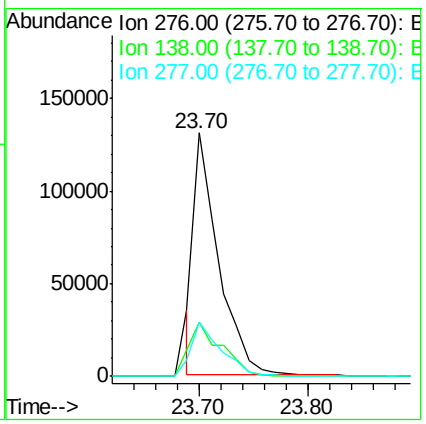


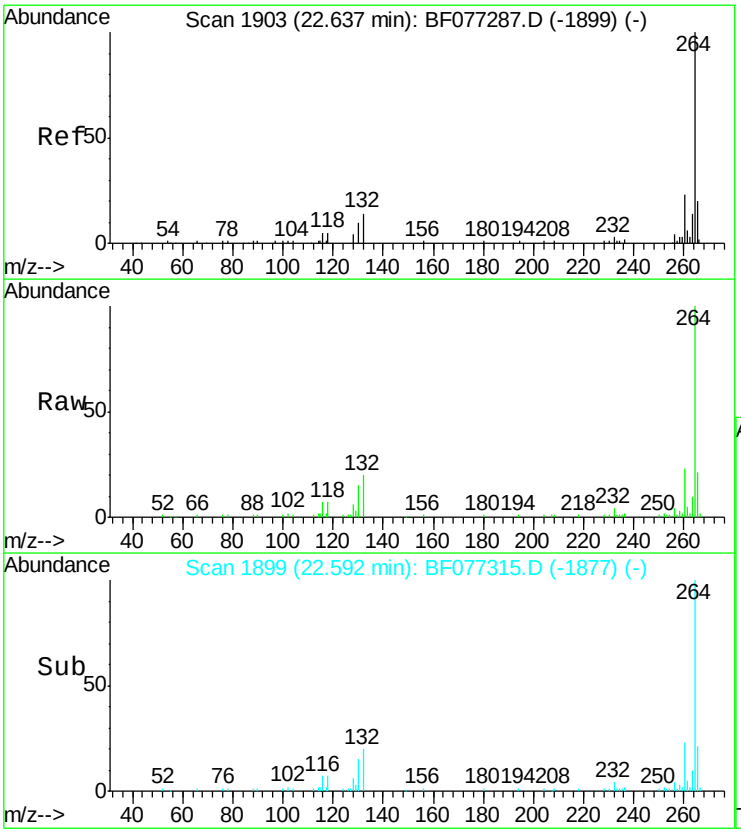

#85
Indeno(1,2,3-cd)pyrene
Concen: 35.54 ng
RT: 23.70 min Scan# 1996
Delta R.T. -0.08 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:276 Resp: 204147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.5 | 0.0 | 0.0# |
| 277 | 24.9 | 0.0 | 0.0# |

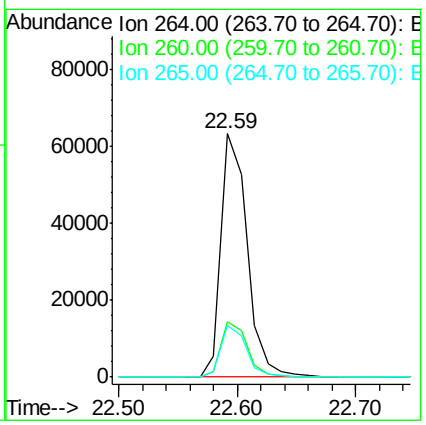


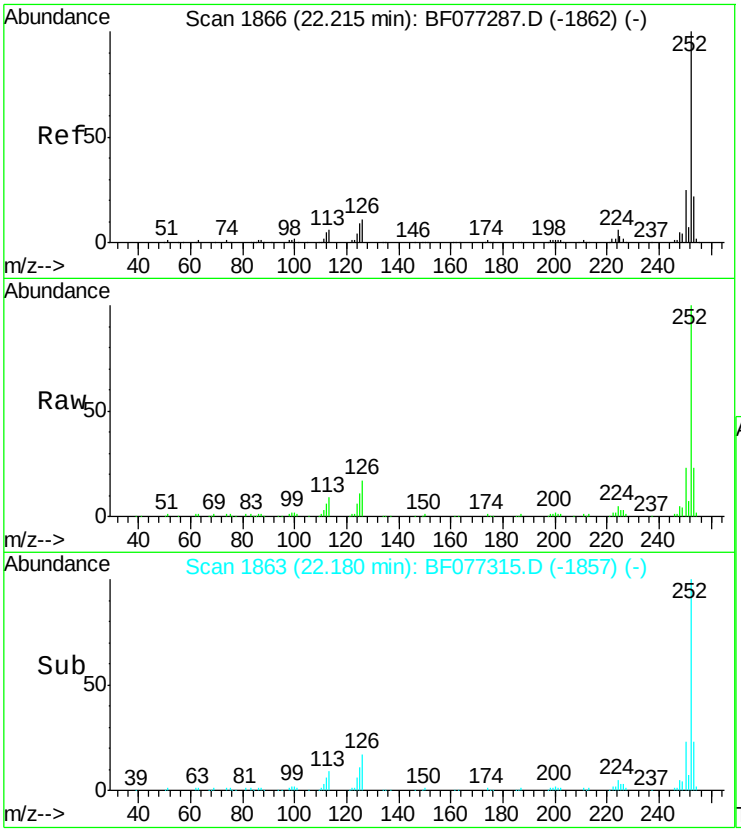




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.59 min Scan# 1899
Delta R.T. -0.05 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:264 Resp: 96713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 18.6 | 27.8 |
| 265 | 21.1 | 16.2 | 24.2 |



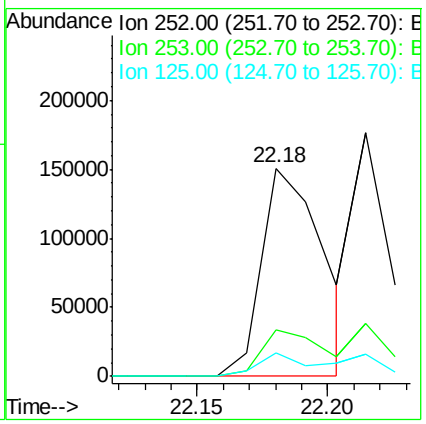


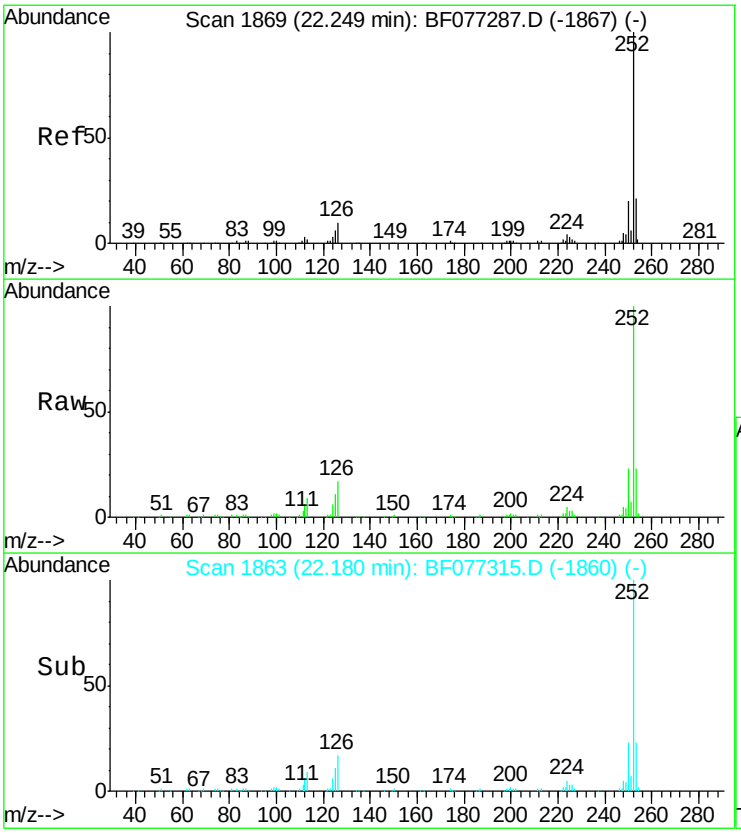

#87
Benzo(b)fluoranthene
Concen: 35.89 ng
RT: 22.18 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:252 Resp: 247151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.4 | 26.2 |
| 125 | 11.5 | 7.1 | 10.7# |

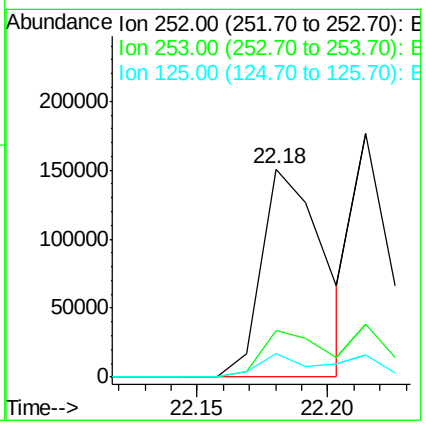


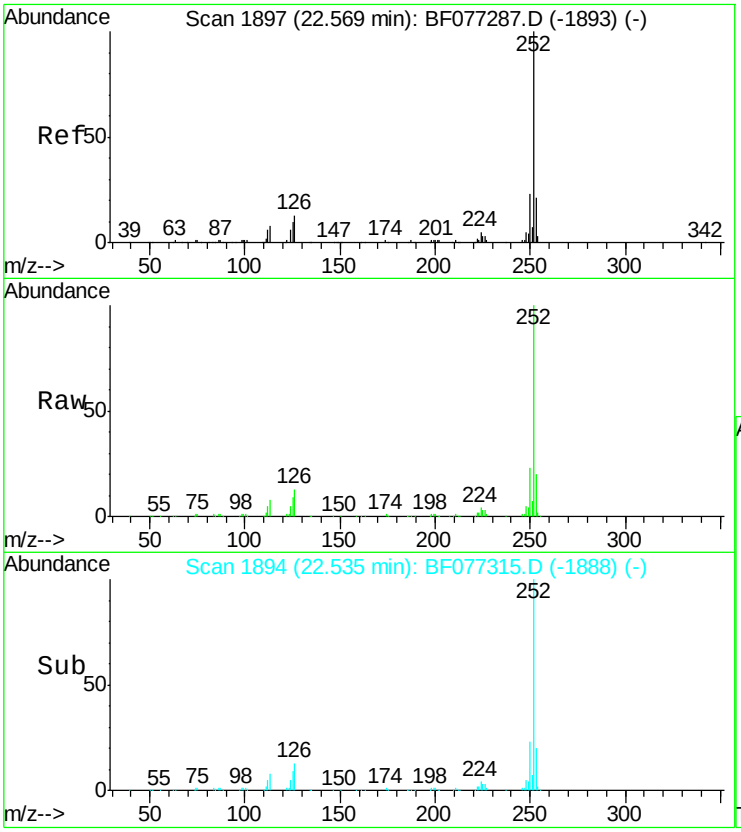




#88
Benzo(k)fluoranthene
Concen: 47.51 ng
RT: 22.18 min Scan# 1863
Delta R.T. -0.07 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:252 Resp: 247151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 16.6 | 24.8 |
| 125 | 11.5 | 5.8 | 8.8# |



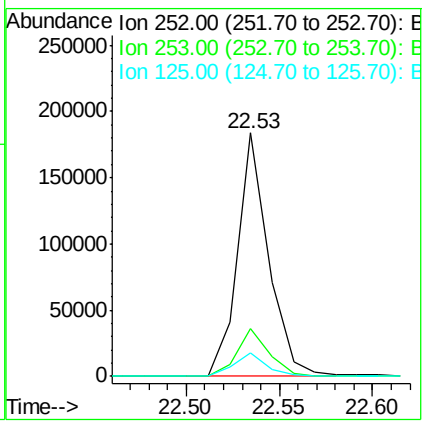


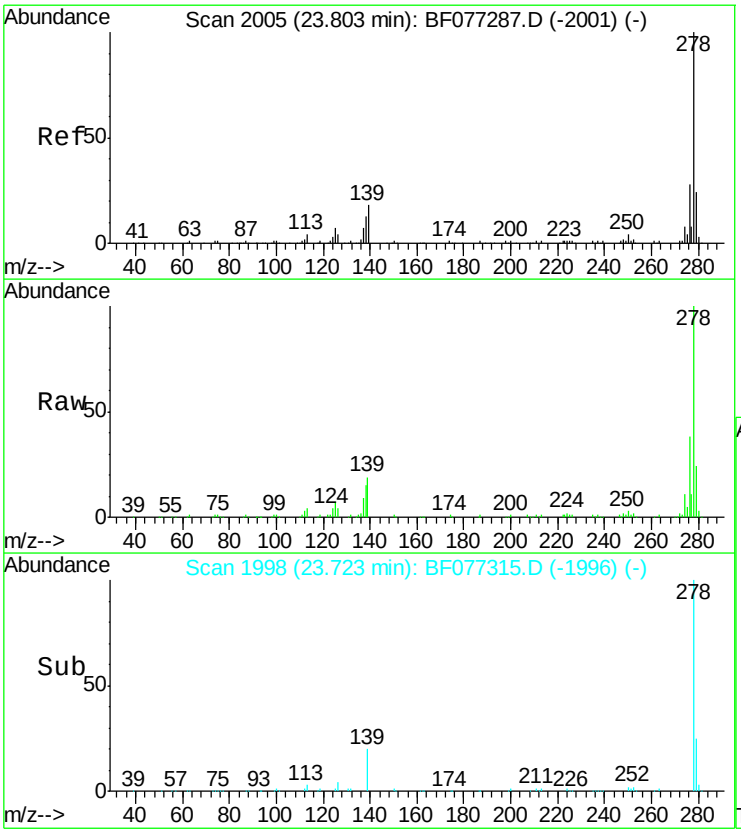

#89
Benzo(a)pyrene
Concen: 37.20 ng
RT: 22.53 min Scan# 1894
Delta R.T. -0.03 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:252 Resp: 213330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 19.6 | 17.2 | 25.8 |
| 125 | 9.5 | 8.2 | 12.4 |

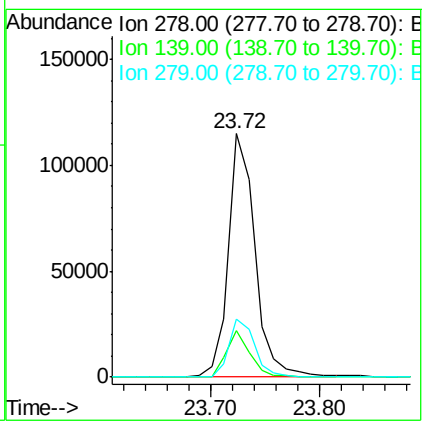


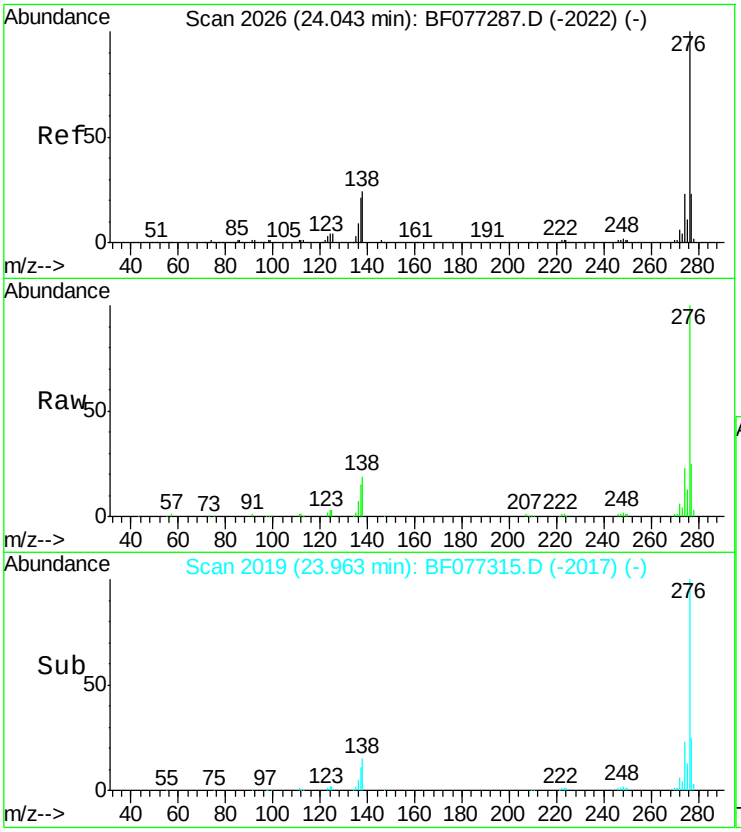




#90
Dibenzo(a,h)anthracene
Concen: 38.14 ng
RT: 23.72 min Scan# 1998
Delta R.T. -0.08 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:278 Resp: 194233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.9 | 14.2 | 21.2 |
| 279 | 24.1 | 18.9 | 28.3 |






#91
Benzo(g,h,i)perylene
Concen: 36.70 ng
RT: 23.96 min Scan# 2019
Delta R.T. -0.08 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

**Instrument :**
BNA_F
**ClientSampleId :**
1004-50(0-2)MSD

Tgt Ion:276 Resp: 184916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.7 | 18.7 | 28.1 |
| 138 | 18.8 | 19.1 | 28.7# |