Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084430.D
Acq On : 13 Jan 2016 1:02
Operator : SJ/UM
Sample : G4988-09MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RX2MSD

Quant Time: Jan 13 02:21:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.84 | 152 | 253371 | 20.00 | ng | | -0.06 |
| 21) Naphthalene-d8 | 8.13 | 136 | 999578 | 20.00 | ng | | -0.06 |
| 38) Acenaphthene-d10 | 9.88 | 164 | 440255 | 20.00 | ng | | -0.07 |
| 63) Phenanthrene-d10 | 11.37 | 188 | 792794 | 20.00 | ng | | -0.06 |
| 75) Chrysene-d12 | 14.01 | 240 | 485045 | 20.00 | ng | | -0.06 |
| 86) Perylene-d12 | 15.43 | 264 | 437158 | 20.00 | ng | | -0.08 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 1227379 | 78.35 | ng | | -0.03 |
| 7) Phenol-d6 | 6.49 | 99 | 1209679 | 61.49 | ng | | -0.05 |
| 23) Nitrobenzene-d5 | 7.41 | 82 | 1664736 | 92.69 | ng | | -0.06 |
| 41) 2,4,6-Tribromophenol | 10.68 | 330 | 514776 | 115.82 | ng | | -0.06 |
| 44) 2-Fluorobiphenyl | 9.21 | 172 | 2298672 | 92.40 | ng | | -0.06 |
| 78) Terphenyl-d14 | 12.96 | 244 | 1918451 | 88.29 | ng | | -0.06 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.48 | 88 | 210306 | 28.34 | ng | # | 76 |
| 3) Pyridine | 3.20 | 79 | 518718 | 25.07 | ng | # | 79 |
| 4) n-Nitrosodimethylamine | 3.13 | 42 | 265650 | 25.01 | ng | | 90 |
| 6) Aniline | 6.50 | 93 | 865108 | 30.06 | ng | # | 73 |
| 8) 2-Chlorophenol | 6.64 | 128 | 636326 | 35.80 | ng | | 90 |
| 9) Benzaldehyde | 6.38 | 77 | 202580 | 15.81 | ng | | 97 |
| 10) Phenol | 6.50 | 94 | 545848 | 24.40 | ng | # | 72 |
| 11) bis(2-Chloroethyl)ether | 6.58 | 93 | 777370 | 44.86 | ng | | 83 |
| 12) 1,3-Dichlorobenzene | 6.78 | 146 | 833234 | 45.45 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.78 | 146 | 833234 | 45.32 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 7.01 | 146 | 745490 | 42.34 | ng | | 98 |
| 15) Benzyl Alcohol | 6.99 | 79 | 588333 | 35.55 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45 | 1360022 | 43.10 | ng | | 86 |
| 17) 2-Methylphenol | 7.10 | 107 | 482443 | 32.39 | ng | | 95 |
| 18) Hexachloroethane | 7.36 | 117 | 344998 | 46.93 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 615069 | 46.18 | ng | # | 78 |
| 20) 3+4-Methylphenols | 7.26 | 107 | 547703 | 31.28 | ng | # | 79 |
| 22) Acetophenone | 7.25 | 105 | 1114667 | 46.37 | ng | | 98 |
| 24) Nitrobenzene | 7.42 | 77 | 887134 | 48.70 | ng | | 92 |
| 25) Isophorone | 7.68 | 82 | 1667223 | 48.54 | ng | | 94 |
| 26) 2-Nitrophenol | 7.74 | 139 | 345648 | 41.69 | ng | # | 83 |
| 27) 2,4-Dimethylphenol | 7.79 | 122 | 617572 | 36.80 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93 | 1067190 | 50.86 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.00 | 162 | 594383 | 42.52 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.08 | 180 | 712291 | 49.36 | ng | | 96 |
| 31) Naphthalene | 8.16 | 128 | 7149303 | 157.64 | ng | # | 90 |
| 32) Benzoic acid | 7.79 | 122 | 617572 | 56.01 | ng | # | 18 |
| 33) 4-Chloroaniline | 8.20 | 127 | 774866 | 37.27 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.27 | 225 | 369443 | 44.54 | ng | | 98 |
| 35) Caprolactam | 8.57 | 113 | 59536 | 12.63 | ng | # | 62 |
| 36) 4-Chloro-3-methylphenol | 8.69 | 107 | 613712 | 39.20 | ng | | 90 |
| 37) 2-Methylnaphthalene | 8.84 | 142 | 2358276 | 72.44 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 644283 | 50.90 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 9.00 | 237 | 624656 | 81.76 | ng | | 100 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084430.D
Acq On : 13 Jan 2016 1:02
Operator : SJ/UM
Sample : G4988-09MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** RX2MSD

Quant Time: Jan 13 02:21:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.13 | 196 | 384524 | 40.61 | ng | | 92 |
| 43) 2,4,5-Trichlorophenol | 9.17 | 196 | 399739 | 44.04 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.31 | 154 | 1950187 | 55.74 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.33 | 162 | 1363345 | 49.60 | ng | | 93 |
| 47) 2-Nitroaniline | 9.44 | 65 | 491341 | 54.17 | ng | # | 66 |
| 48) Acenaphthylene | 9.74 | 152 | 2012405 | 49.56 | ng | # | 96 |
| 49) Dimethylphthalate | 9.62 | 163 | 1705931 | 54.20 | ng | # | 90 |
| 50) 2,6-Dinitrotoluene | 9.68 | 165 | 368960 | 53.45 | ng | # | 69 |
| 51) Acenaphthene | 9.93 | 154 | 2005047 | 73.61 | ng | | 98 |
| 52) 3-Nitroaniline | 9.85 | 138 | 422120 | 49.35 | ng | | 87 |
| 53) 2,4-Dinitrophenol | 9.95 | 184 | 20015 | 10.06 | ng | # | 72 |
| 54) Dibenzofuran | 10.09 | 168 | 2409973 | 69.97 | ng | | 91 |
| 55) 4-Nitrophenol | 10.02 | 139 | 218142 | 35.13 | ng | # | 80 |
| 56) 2,4-Dinitrotoluene | 10.08 | 165 | 458917 | 52.53 | ng | | 95 |
| 57) Fluorene | 10.43 | 166 | 1739218 | 64.81 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.21 | 232 | 304178 | 39.25 | ng | | 87 |
| 59) Diethylphthalate | 10.32 | 149 | 1603665 | 51.68 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.43 | 204 | 672123 | 61.26 | ng | | 93 |
| 61) 4-Nitroaniline | 10.45 | 138 | 329868 | 43.26 | ng | | 87 |
| 62) Azobenzene | 10.59 | 77 | 1781880 | 52.35 | ng | | 95 |
| 64) 4,6-Dinitro-2-methylphenol | 10.49 | 198 | 40369 | 12.59 | ng | | 78 |
| 65) n-Nitrosodiphenylamine | 10.54 | 169 | 1203248 | 47.47 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.92 | 248 | 453033 | 53.09 | ng | | 97 |
| 67) Hexachlorobenzene | 10.98 | 284 | 437959 | 45.60 | ng | # | 84 |
| 68) Atrazine | 11.08 | 200 | 446406 | 53.82 | ng | | 95 |
| 69) Pentachlorophenol | 11.17 | 266 | 227518 | 45.69 | ng | | 98 |
| 70) Phenanthrene | 11.39 | 178 | 2634726 | 63.53 | ng | | 96 |
| 71) Anthracene | 11.45 | 178 | 2129292 | 52.38 | ng | | 97 |
| 72) Carbazole | 11.61 | 167 | 2025229 | 50.96 | ng | | 97 |
| 73) Di-n-butylphthalate | 11.94 | 149 | 2231904 | 56.18 | ng | # | 97 |
| 74) Fluoranthene | 12.58 | 202 | 1851149 | 42.73 | ng | | 97 |
| 76) Benzidine | 12.70 | 184 | 633003 | 36.40 | ng | | 98 |
| 77) Pyrene | 12.81 | 202 | 1855311 | 48.74 | ng | | 96 |
| 79) Butylbenzylphthalate | 13.44 | 149 | 783547 | 47.57 | ng | # | 86 |
| 80) Benzo(a)anthracene | 14.00 | 228 | 1319095 | 46.32 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.96 | 252 | 463709 | 46.65 | ng | # | 97 |
| 82) Chrysene | 14.03 | 228 | 1280183 | 46.78 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149 | 916209 | 44.03 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.60 | 149 | 1493120 | 42.50 | ng | # | 88 |
| 85) Indeno(1,2,3-cd)pyrene | 16.82 | 276 | 1553888 | 71.63 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 15.05 | 252 | 2472054 | 86.45 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 15.05 | 252 | 2473217 | 105.75 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.37 | 252 | 1209468 | 49.86 | ng | # | 94 |
| 90) Dibenzo(a,h)anthracene | 16.84 | 278 | 1258802 | 60.31 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.24 | 276 | 1355749 | 62.72 | ng | | 96 |

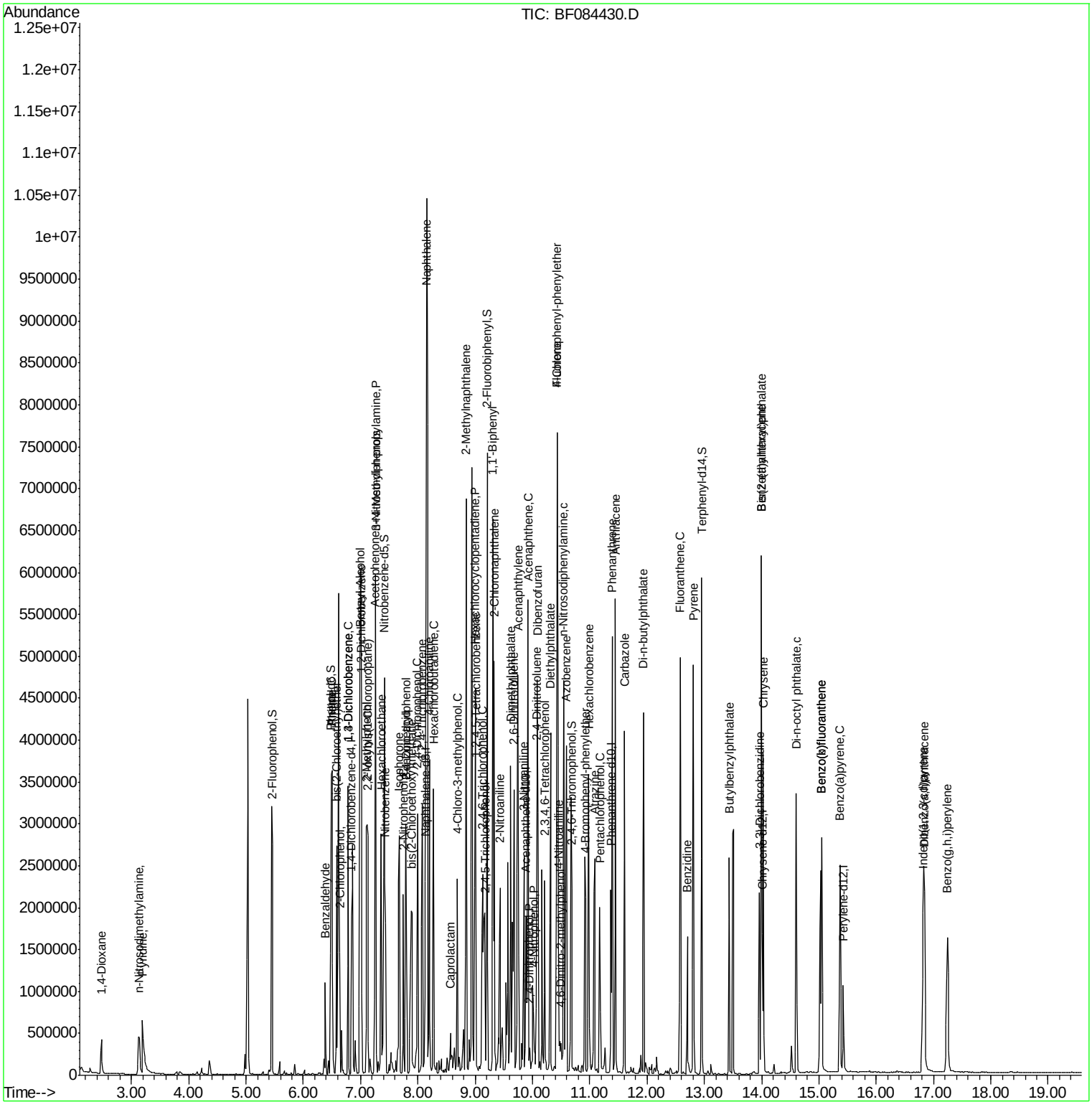
(#) = qualifier out of range (m) = manual integration (+) = signals summed

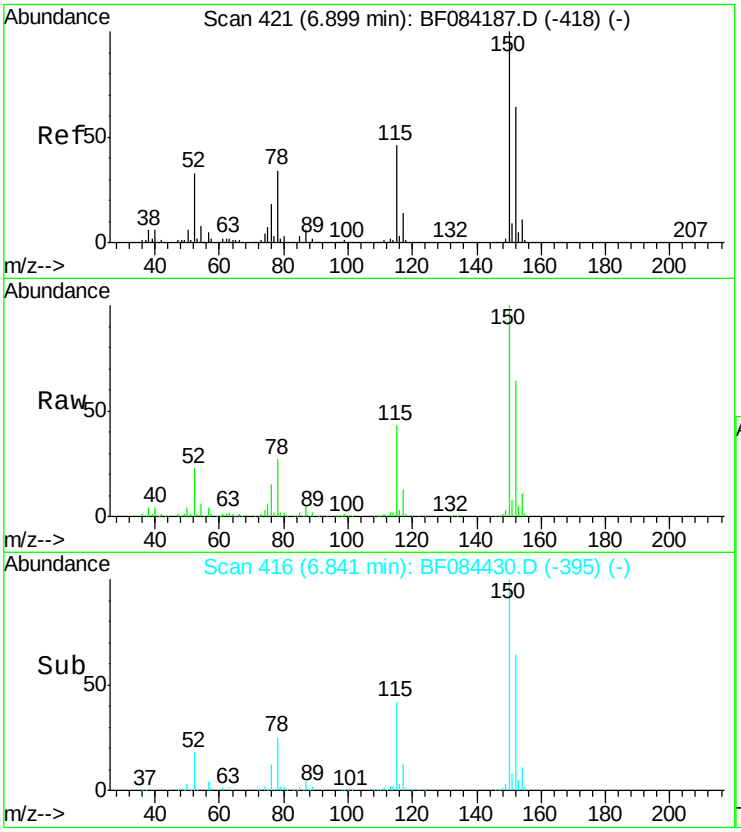
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084430.D
Acq On : 13 Jan 2016 1:02
Operator : SJ/UM
Sample : G4988-09MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Quant Time: Jan 13 02:21:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



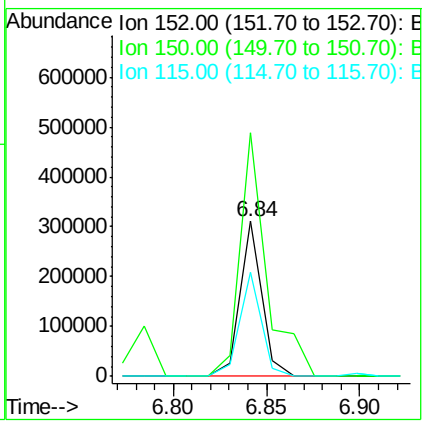


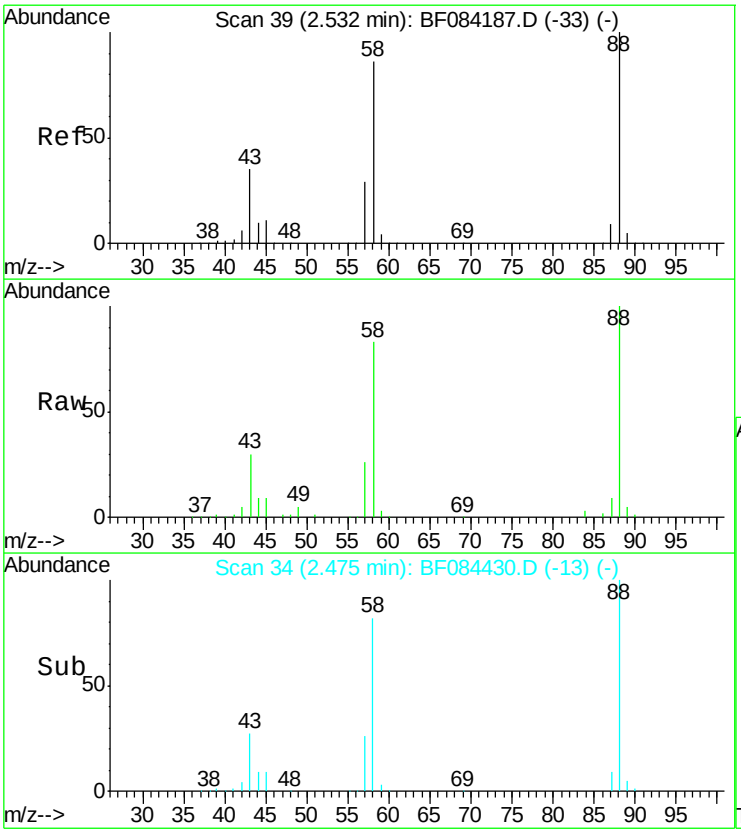

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:152 Resp: 253371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.3 | 123.0 | 184.4 |
| 115 | 67.0 | 51.4 | 77.2 |

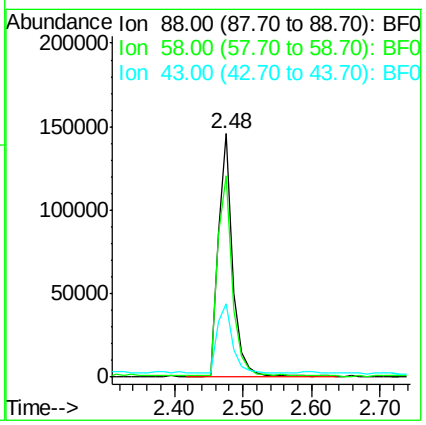


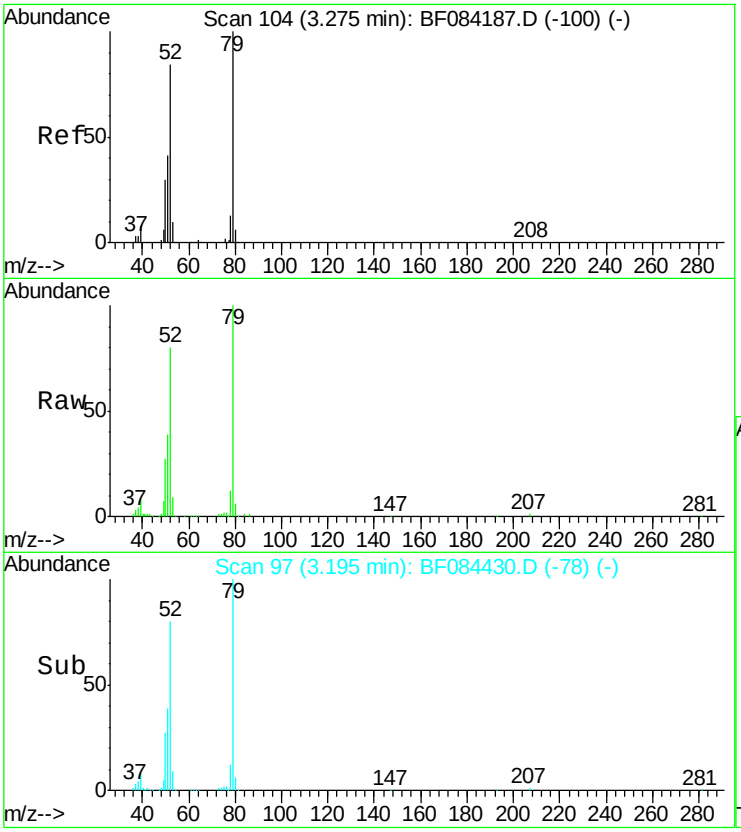




#2
1,4-Dioxane
Concen: 28.34 ng
RT: 2.48 min Scan# 34
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion: 88 Resp: 210306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 85.8 | 51.2 | 76.8# |
| 43 | 30.7 | 19.5 | 29.3# |



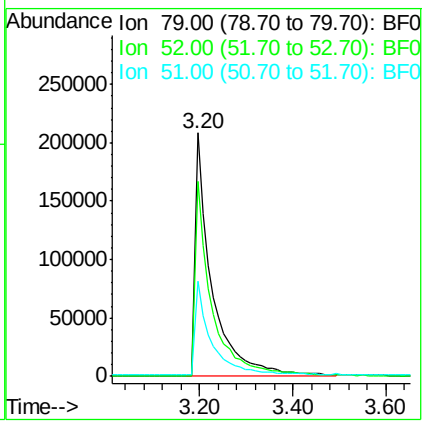


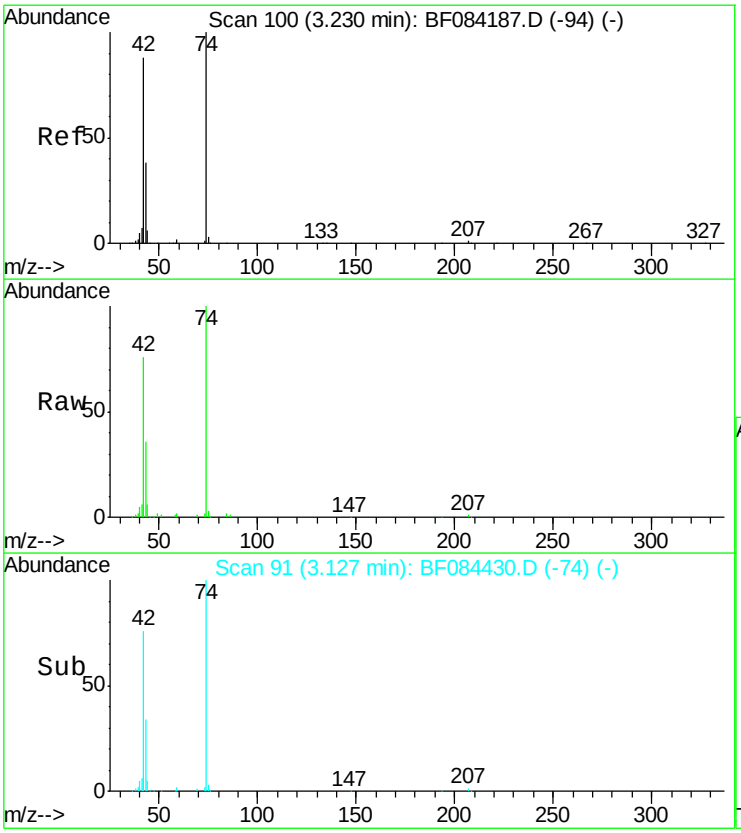

#3
Pyridine
Concen: 25.07 ng
RT: 3.20 min Scan# 97
Delta R.T. -0.08 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion: 79 Resp: 518718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 80.3 | 49.0 | 73.4# |
| 51 | 39.1 | 25.2 | 37.8# |

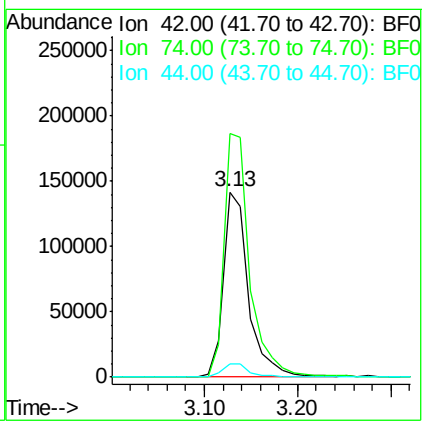


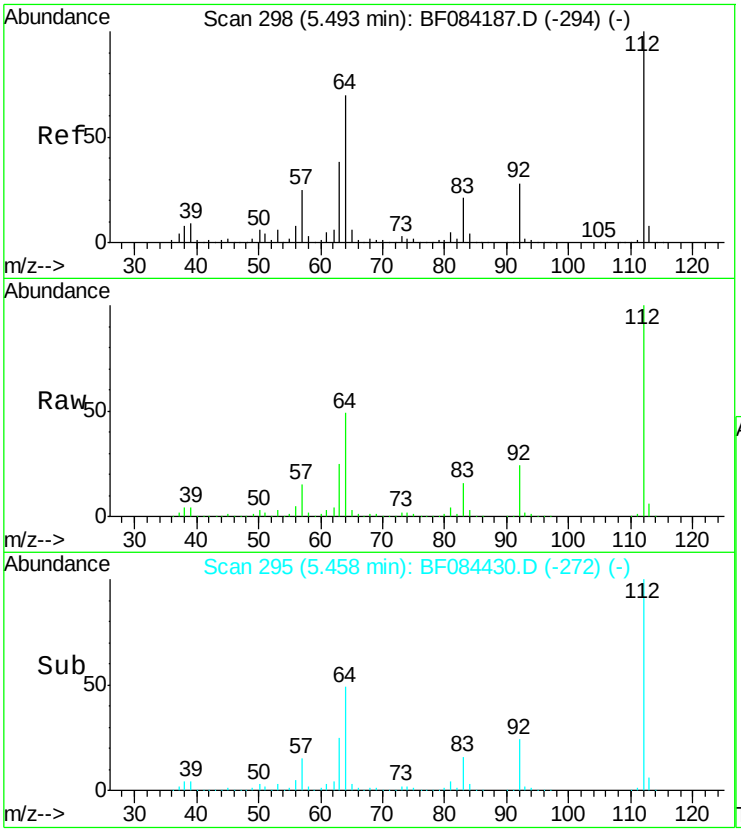




#4
n-Nitrosodimethylamine
Concen: 25.01 ng
RT: 3.13 min Scan# 91
Delta R.T. -0.10 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion: 42 Resp: 265650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 131.4 | 115.7 | 173.5 |
| 44 | 7.3 | 5.1 | 7.7 |



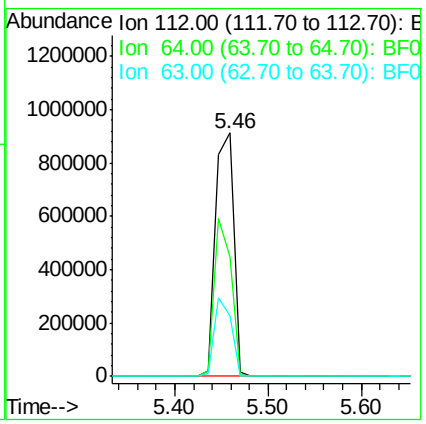


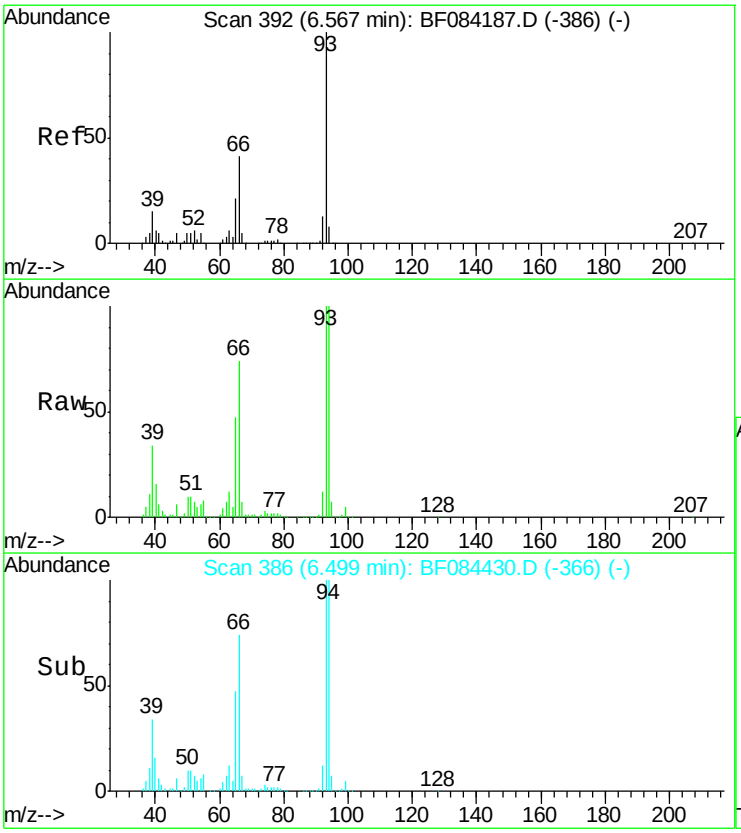

#5
2-Fluorophenol
Concen: 78.35 ng
RT: 5.46 min Scan# 295
Delta R.T. -0.03 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:112 Resp: 1227379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.1 | 36.6 | 55.0 |
| 63 | 24.9 | 19.4 | 29.0 |

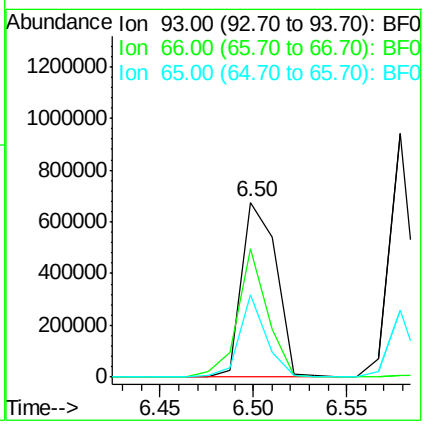


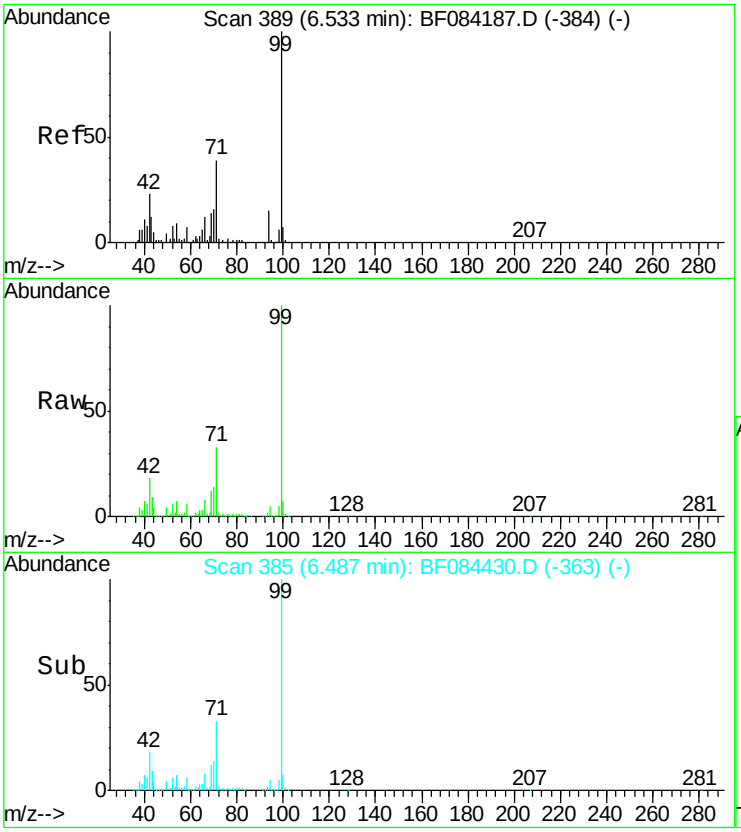




#6
Aniline
Concen: 30.06 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion: 93 Resp: 865108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 73.9 | 44.9 | 67.3# |
| 65 | 47.5 | 23.7 | 35.5# |



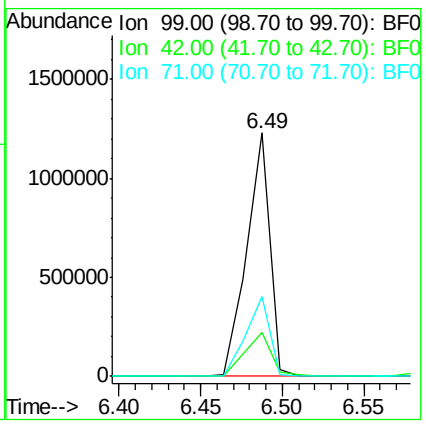


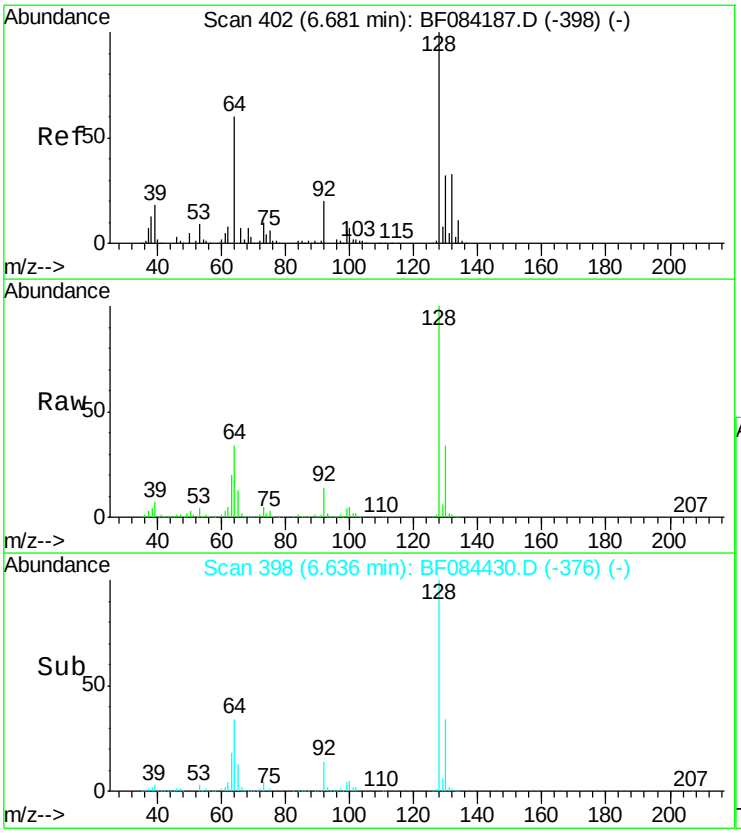

#7
Phenol-d6
Concen: 61.49 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion: 99 Resp: 1209679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.9 | 12.8 | 19.2 |
| 71 | 32.8 | 30.9 | 46.3 |

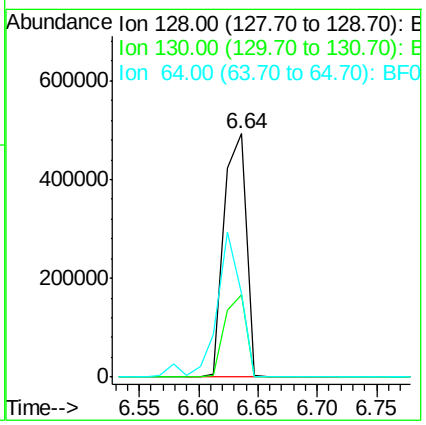


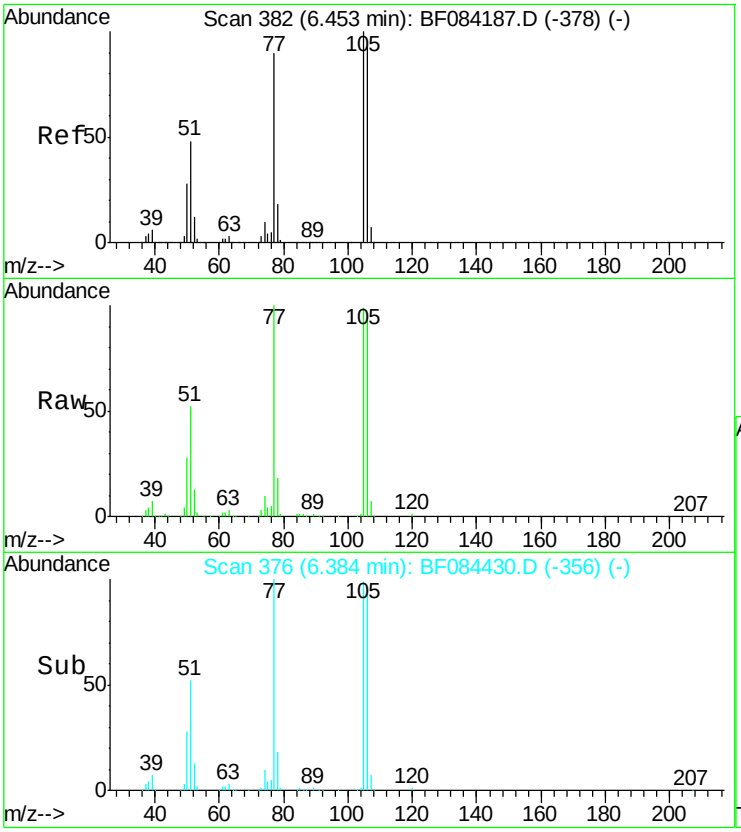




#8
2-Chlorophenol
Concen: 35.80 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:128 Resp: 636326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.9 | 11.6 | 51.6 |
| 64 | 34.1 | 23.8 | 63.8 |



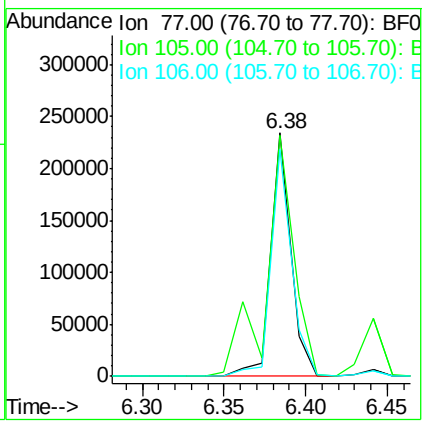


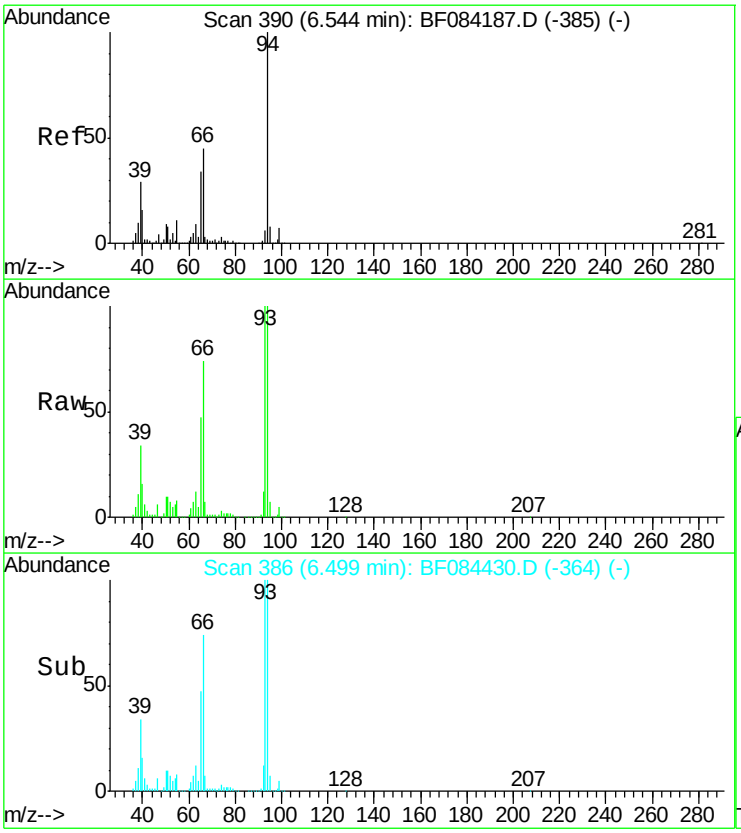

#9
Benzaldehyde
Concen:  15.81 ng
RT: 6.38 min  Scan# 376
Delta R.T.  -0.07 min
Lab File:  BF084430.D
Acq: 13 Jan 2016  1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion: 77 Resp:  202580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.9 | 83.0 | 123.0 |
| 106 | 93.1 | 74.6 | 114.6 |

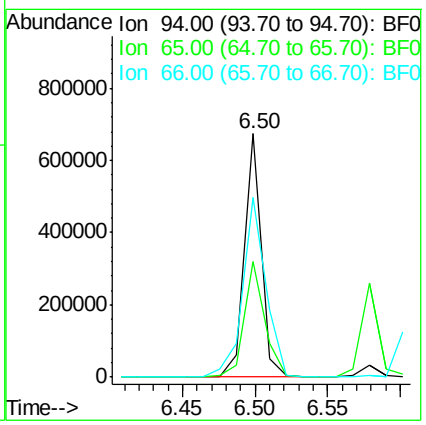


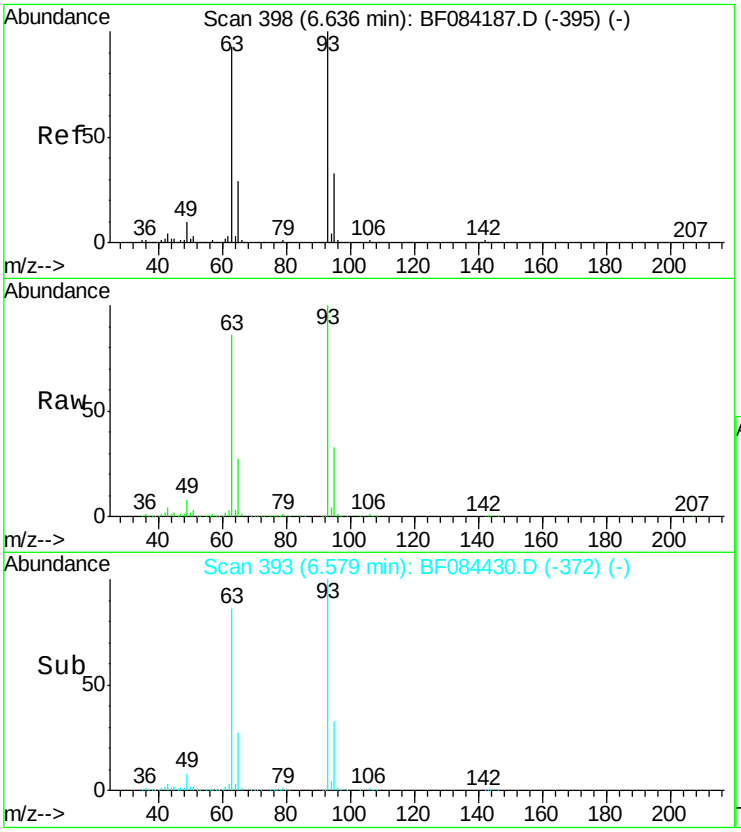




#10
Phenol
Concen:  24.40 ng
RT: 6.50 min  Scan# 386
Delta R.T.  -0.05 min
Lab File:  BF084430.D
Acq: 13 Jan 2016  1:02

Tgt Ion: 94 Resp:  545848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 47.5 | 12.9 | 52.9 |
| 66 | 74.0 | 32.7 | 72.7# |



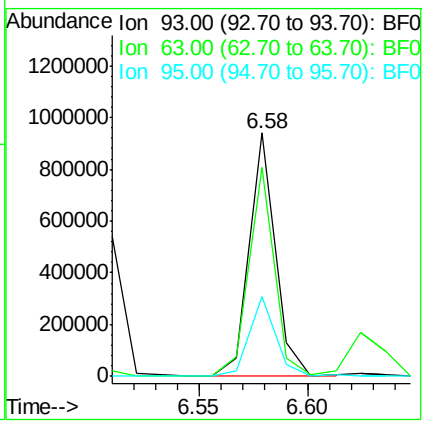


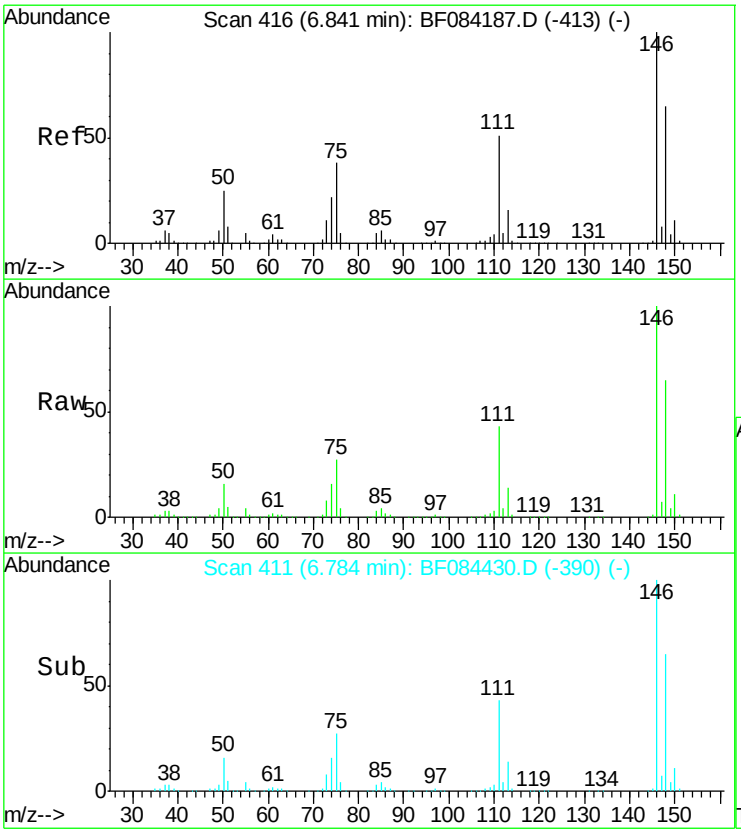

#11
bis(2-Chloroethyl)ether
Concen: 44.86 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion: 93 Resp: 777370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 85.6 | 45.9 | 85.9 |
| 95 | 33.0 | 12.3 | 52.3 |

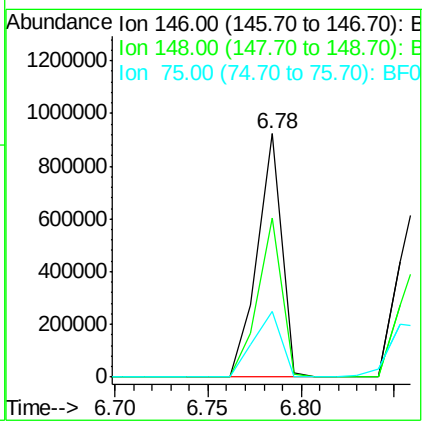


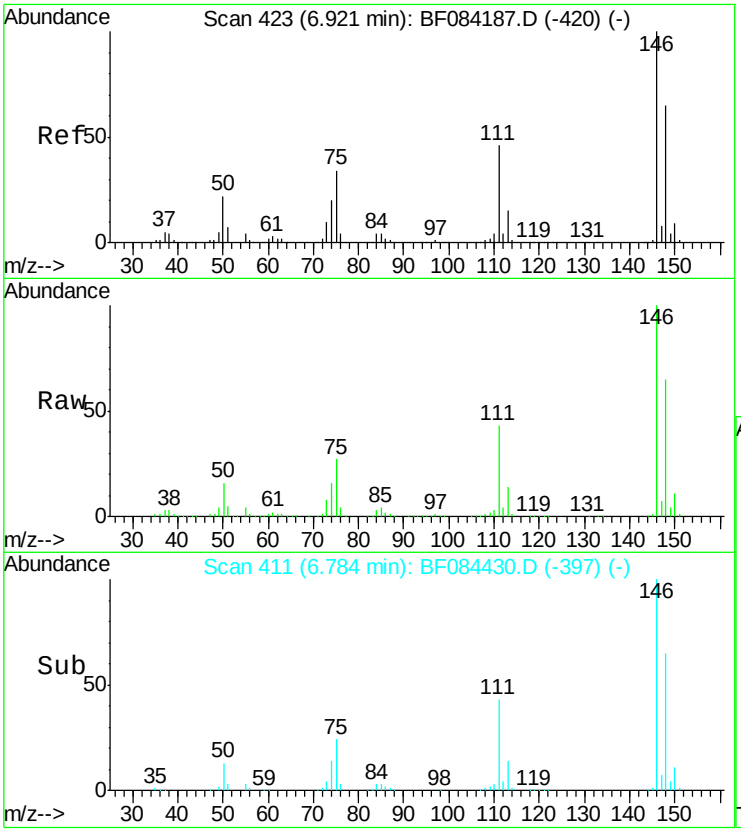




#12
1,3-Dichlorobenzene
Concen: 45.45 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:146 Resp: 833234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 51.9 | 77.9 |
| 75 | 27.2 | 20.5 | 30.7 |



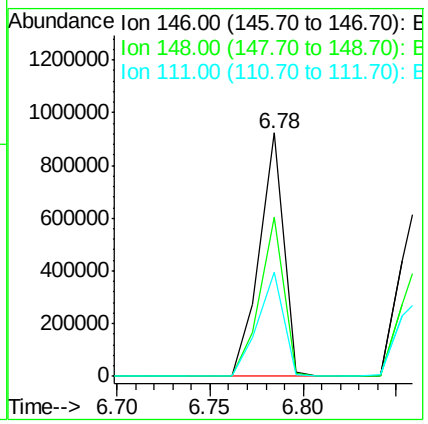


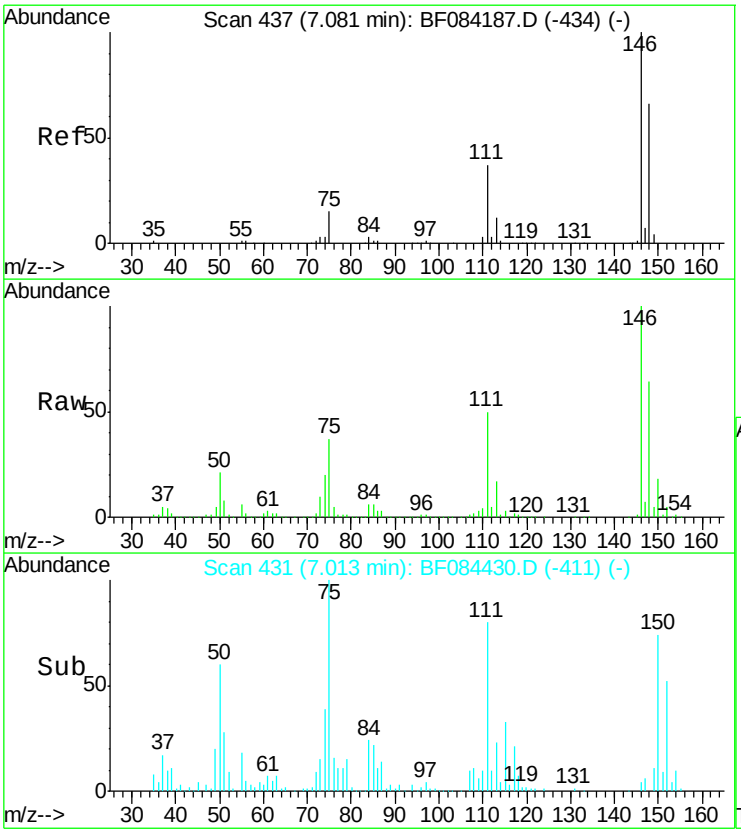

#13
1,4-Dichlorobenzene
Concen: 45.32 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.14 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:146 Resp: 833234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 51.9 | 77.9 |
| 111 | 43.0 | 41.6 | 62.4 |

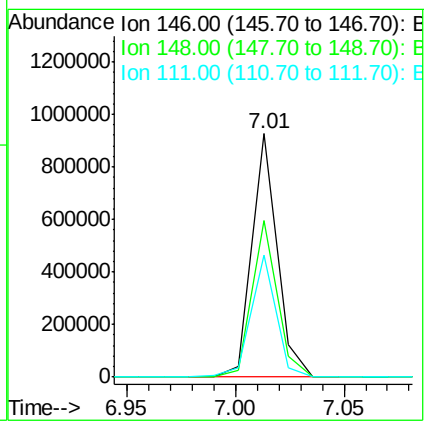


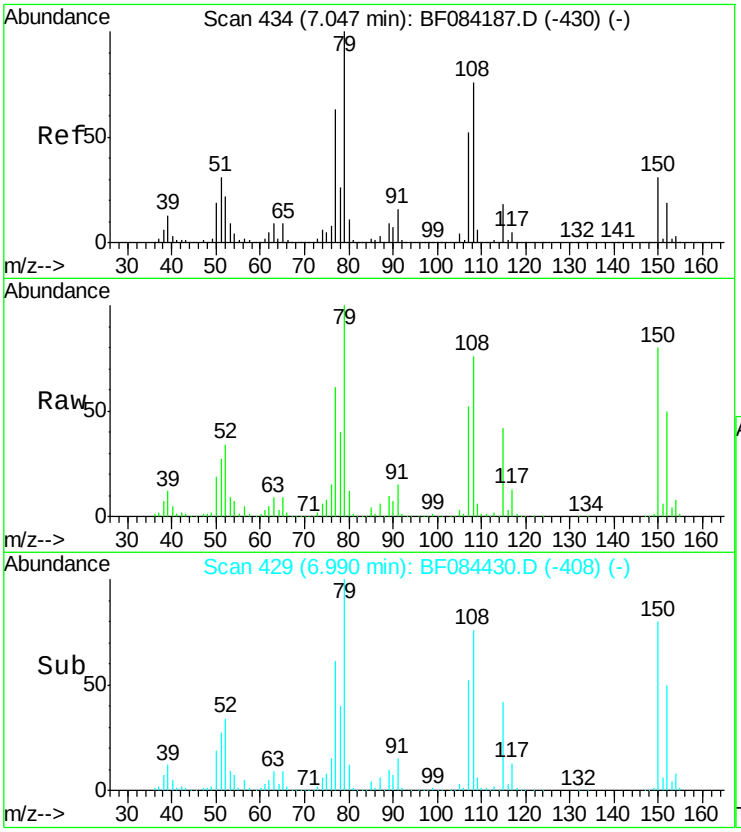




#14
1,2-Dichlorobenzene
Concen: 42.34 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:146 Resp: 745490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.6 | 77.4 |
| 111 | 50.4 | 38.0 | 57.0 |



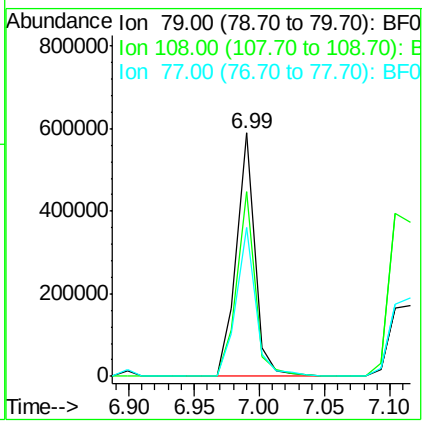


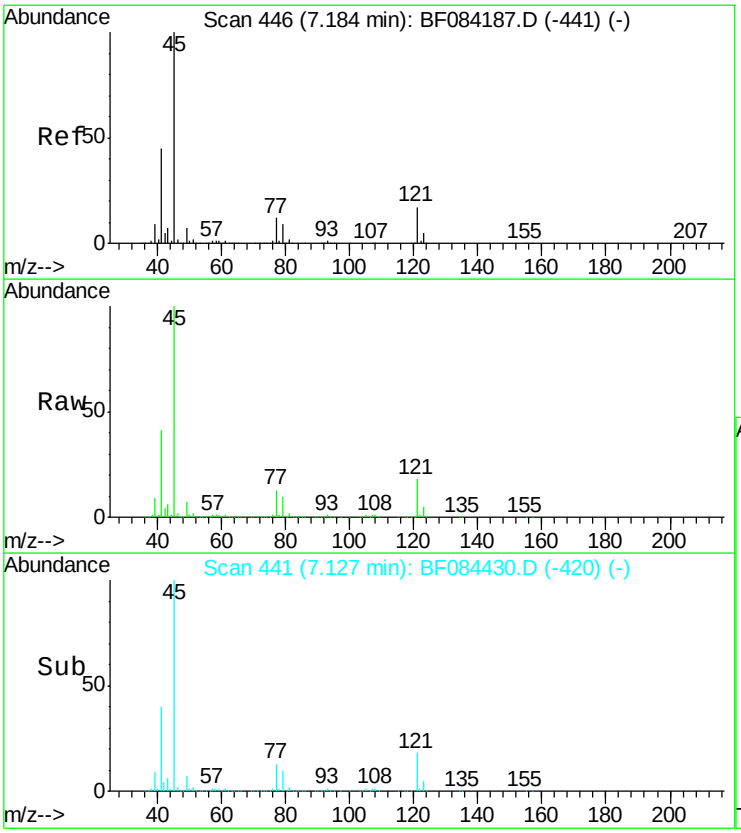

#15
Benzyl Alcohol
Concen: 35.55 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion: 79 Resp: 588333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.1 | 69.0 | 103.4 |
| 77 | 61.4 | 50.0 | 75.0 |

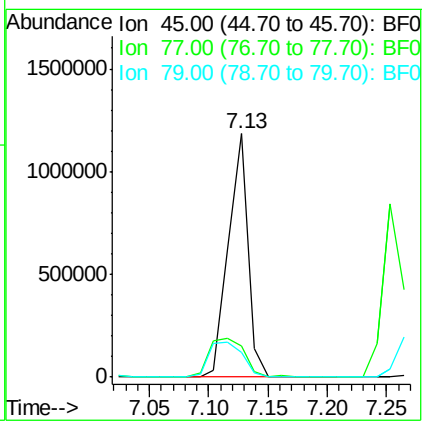


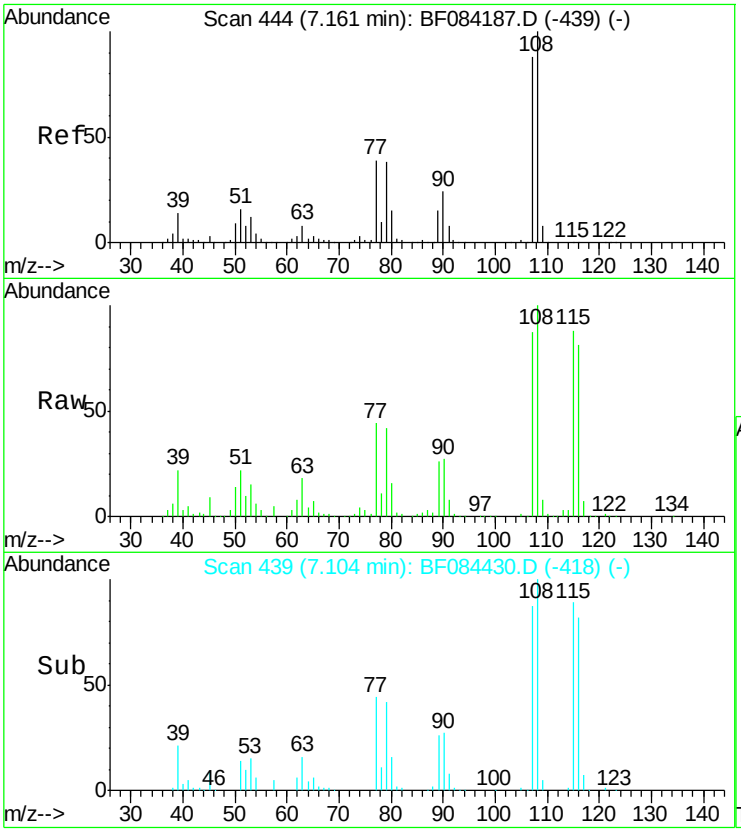




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.10 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion: 45 Resp: 1360022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 12.7 | 0.0 | 39.6 |
| 79 | 10.0 | 0.0 | 35.0 |



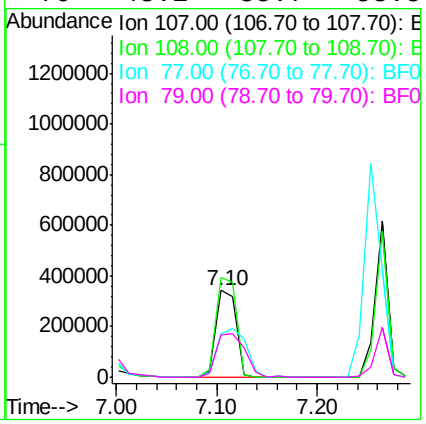


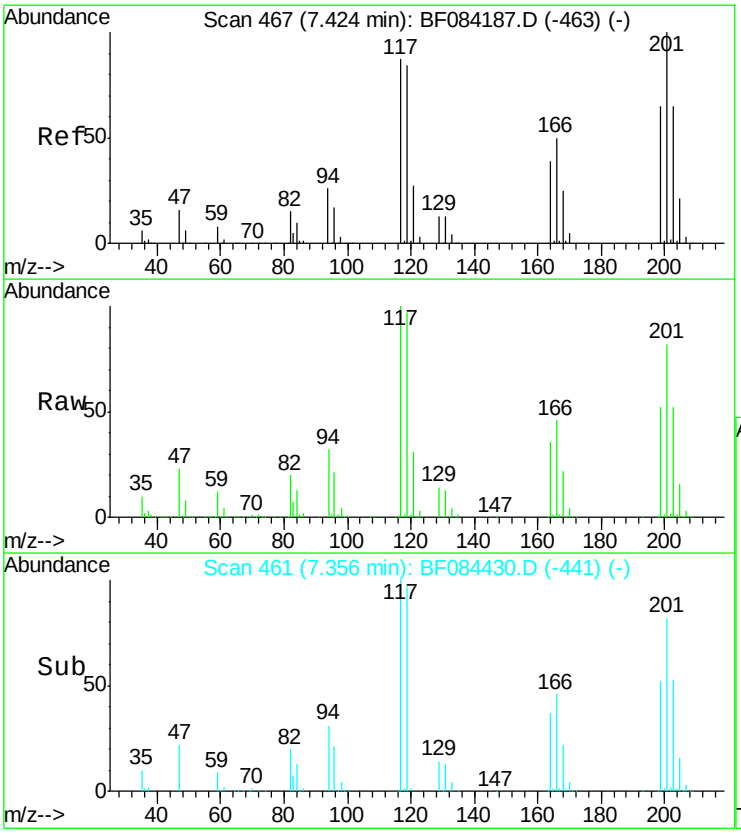

#17
2-Methylphenol
Concen: 32.39 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:107 Resp: 482443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.0 | 89.8 | 134.6 |
| 77 | 50.6 | 35.7 | 53.5 |
| 79 | 48.2 | 35.7 | 53.5 |

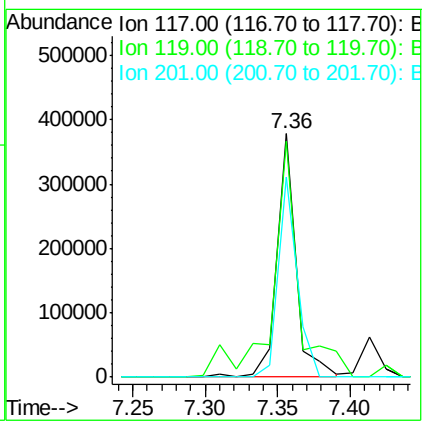


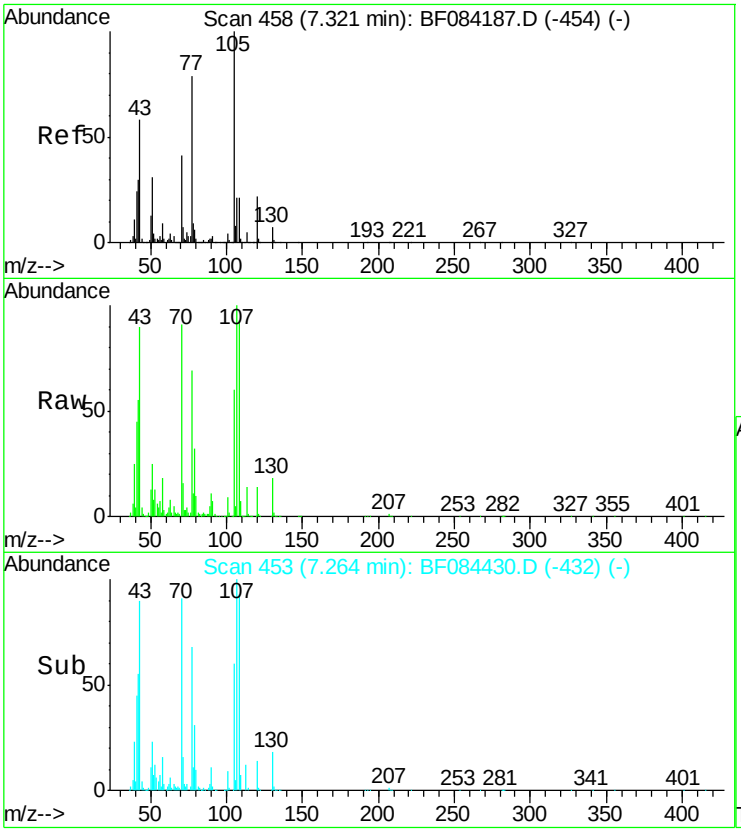




#18
Hexachloroethane
Concen: 46.93 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:117 Resp: 344998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.0 | 77.4 | 116.0 |
| 201 | 82.1 | 68.6 | 103.0 |



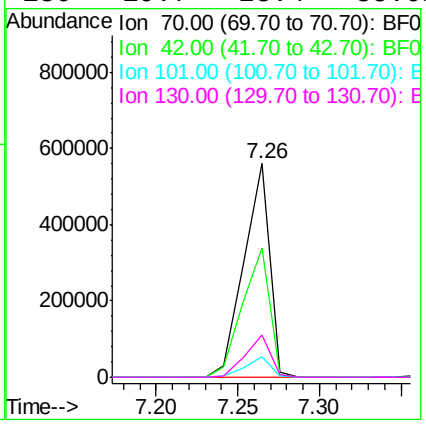


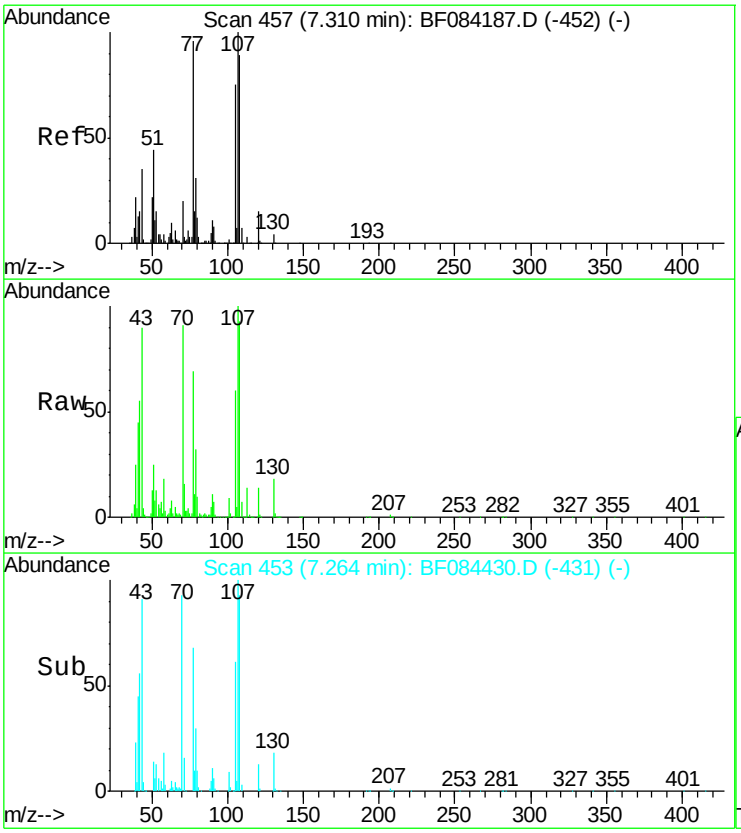

#19
n-Nitroso-di-n-propylamine
Concen: 46.18 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion: 70 Resp: 615069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 60.5 | 33.3 | 49.9# |
| 101 | 9.5 | 9.3 | 13.9 |
| 130 | 19.7 | 23.4 | 35.0# |

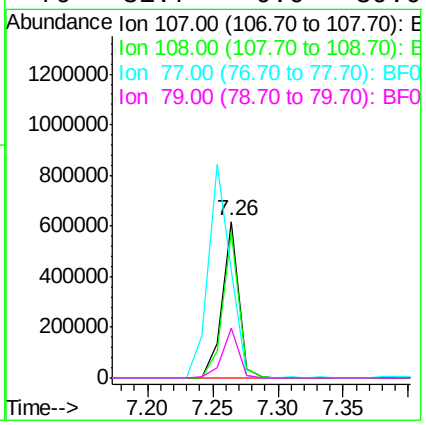


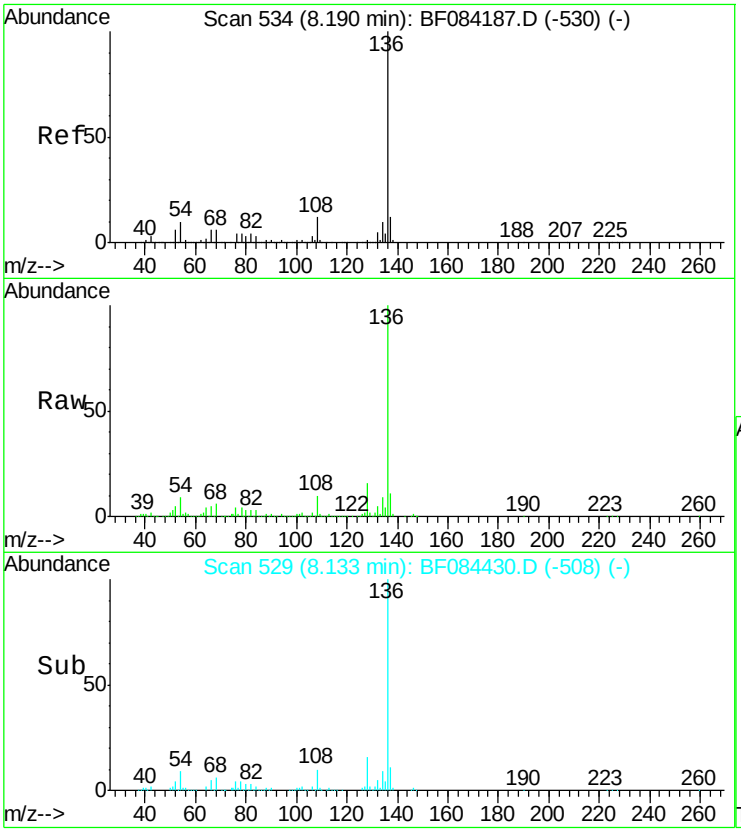




#20
3+4-Methylphenols
Concen: 31.28 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:107 Resp: 547703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 93.2 | 74.6 | 114.6 |
| 77 | 68.7 | 0.7 | 40.7# |
| 79 | 31.7 | 0.0 | 39.0 |



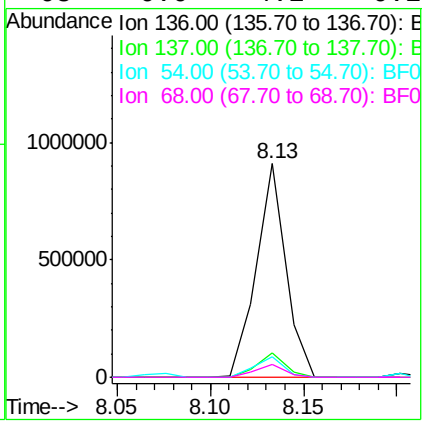


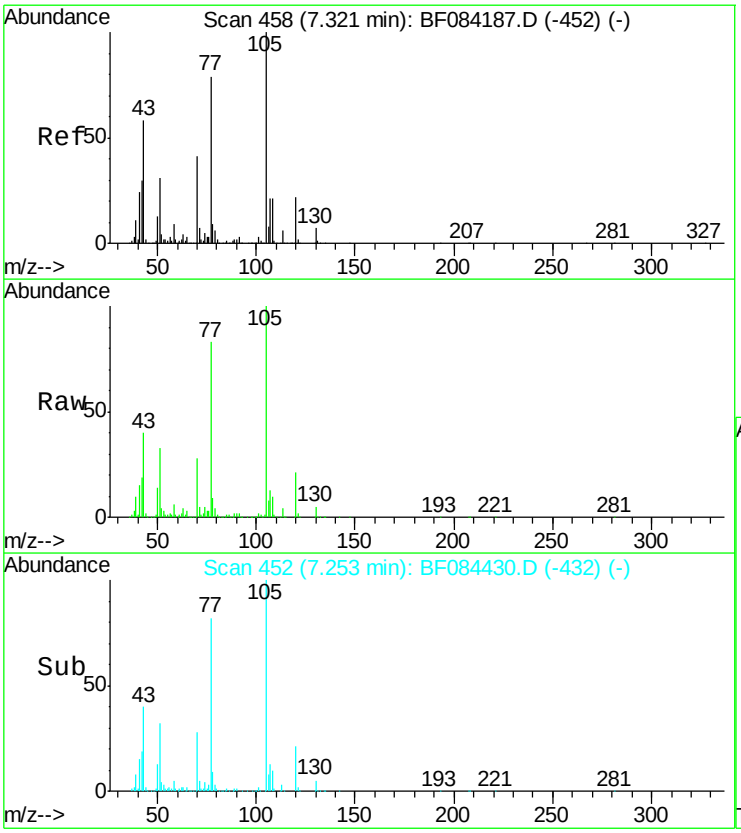

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:136 Resp: 999578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.7 | 13.1 |
| 54 | 9.4 | 5.8 | 8.8# |
| 68 | 6.0 | 4.2 | 6.2 |

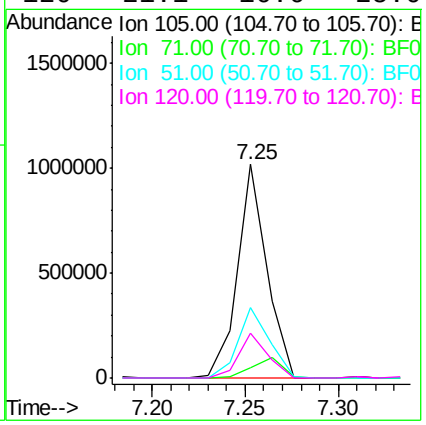


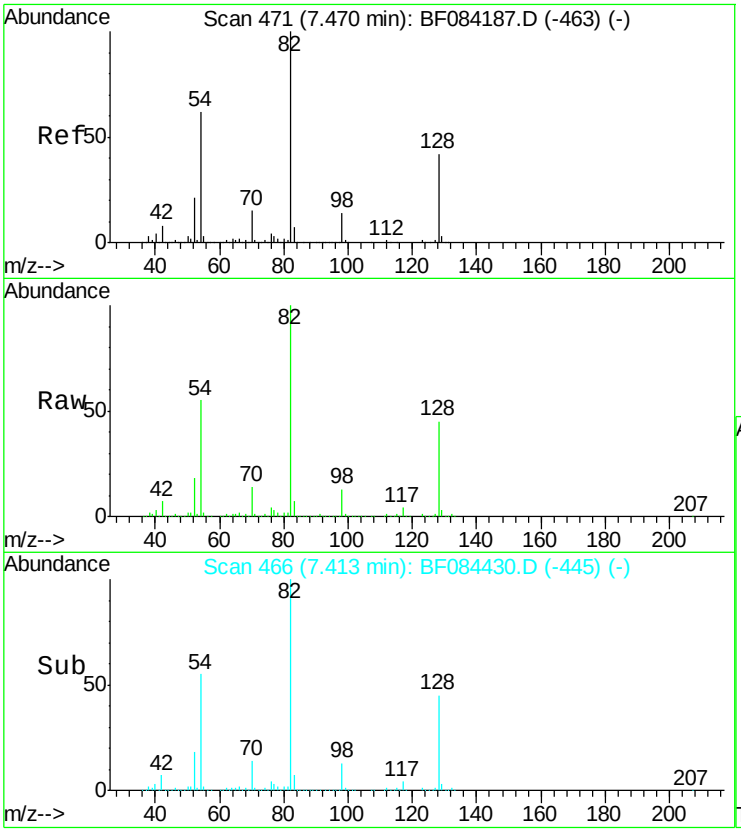




#22
Acetophenone
Concen: 46.37 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:105 Resp: 1114667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.8 | 3.7 | 5.5 |
| 51 | 33.1 | 25.1 | 37.7 |
| 120 | 21.1 | 16.6 | 25.0 |



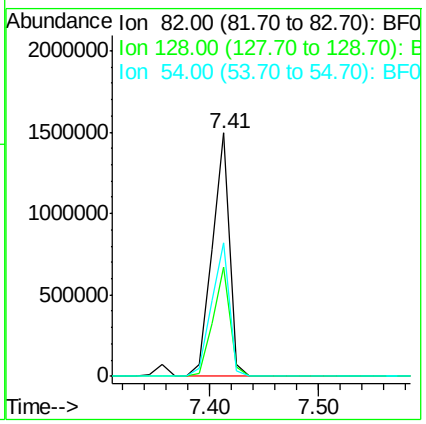


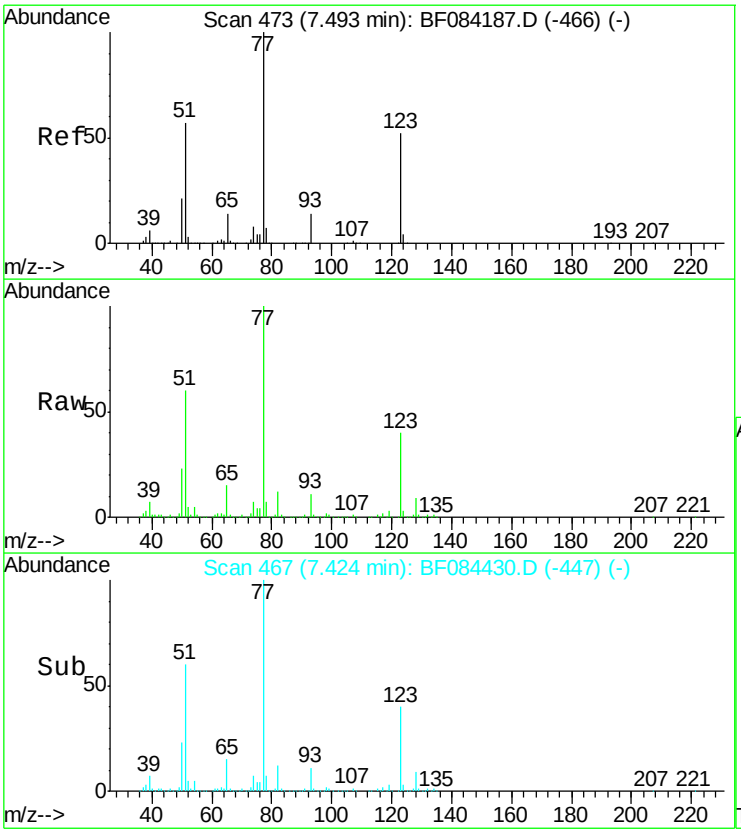

#23
Nitrobenzene-d5
Concen: 92.69 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion: 82 Resp: 1664736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.1 | 34.6 | 51.8 |
| 54 | 55.0 | 38.4 | 57.6 |

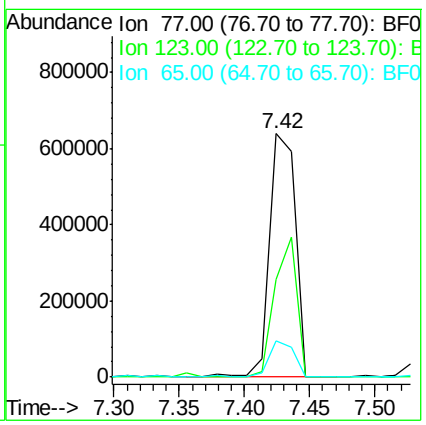


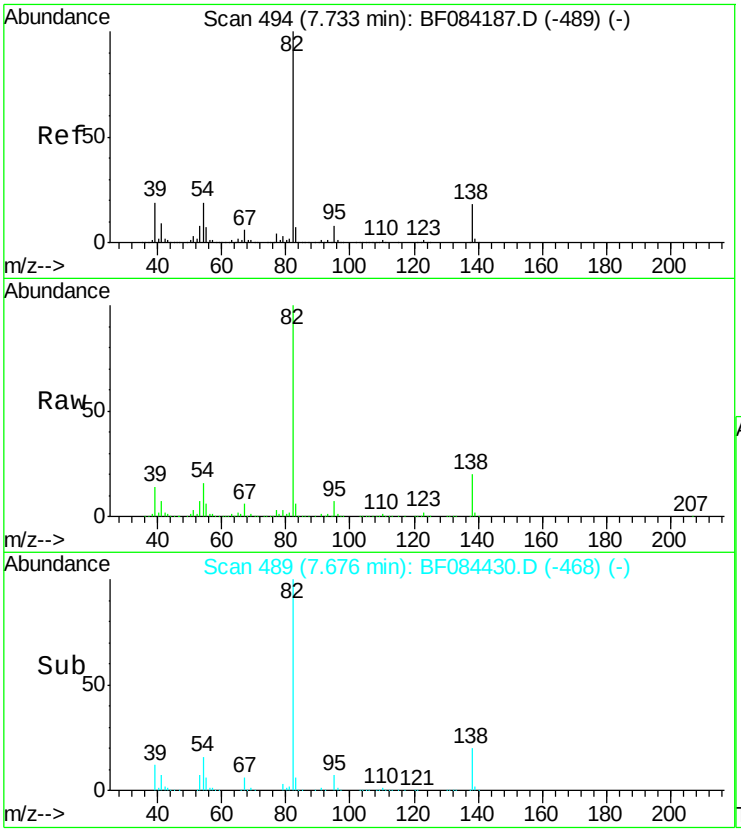




#24
Nitrobenzene
Concen: 48.70 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion: 77 Resp: 887134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 40.1 | 37.4 | 56.2 |
| 65 | 14.9 | 10.9 | 16.3 |



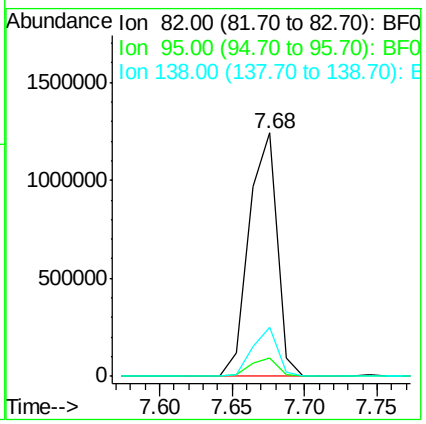


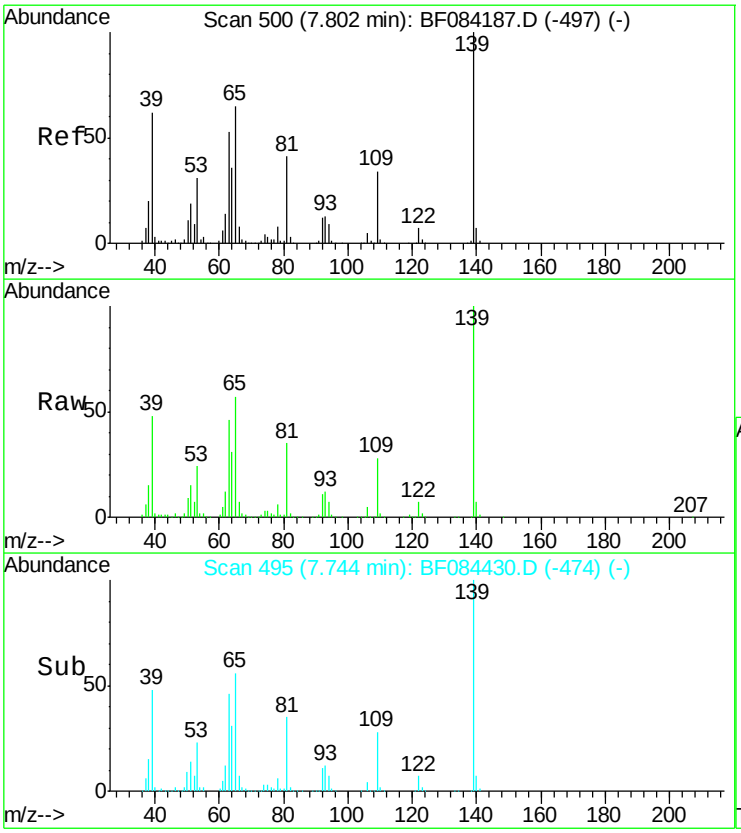

#25
Isophorone
Concen: 48.54 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion: 82 Resp: 1667223

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 6.6 | 10.0 |
| 138 | 20.0 | 13.6 | 20.4 |

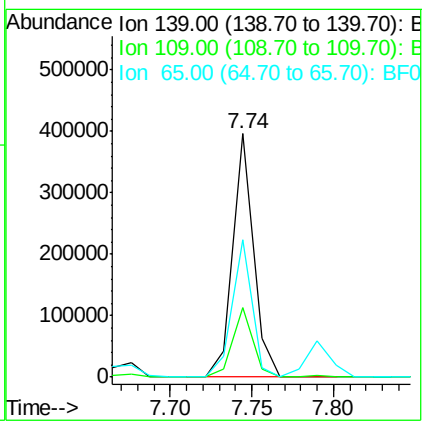


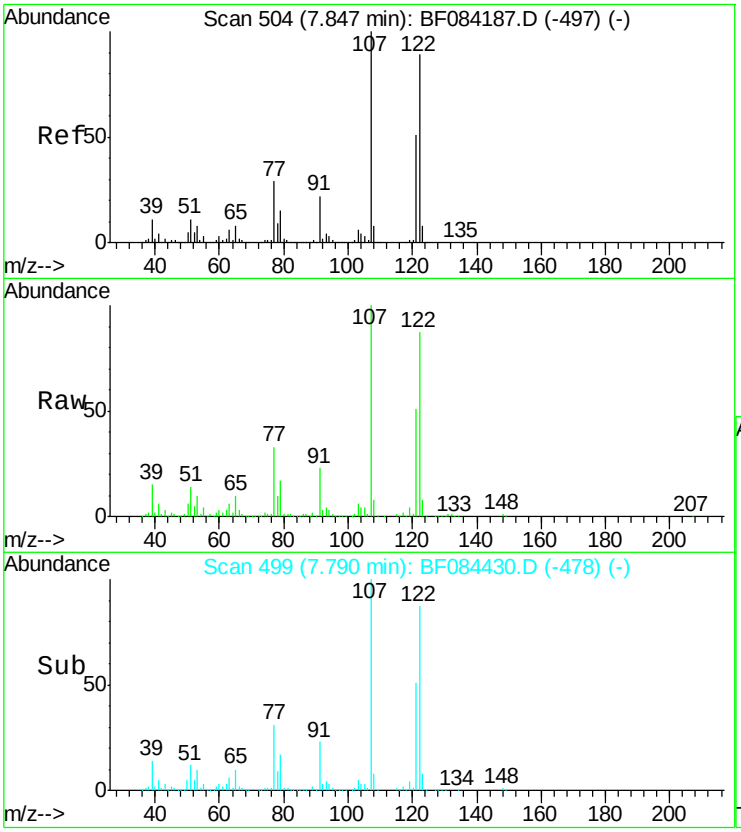




#26
2-Nitrophenol
Concen: 41.69 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:139 Resp: 345648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.4 | 25.4 | 38.2 |
| 65 | 56.6 | 32.3 | 48.5# |



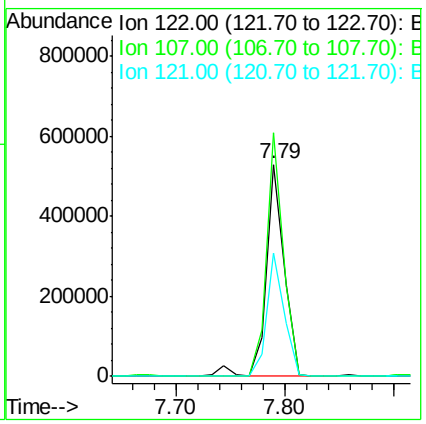


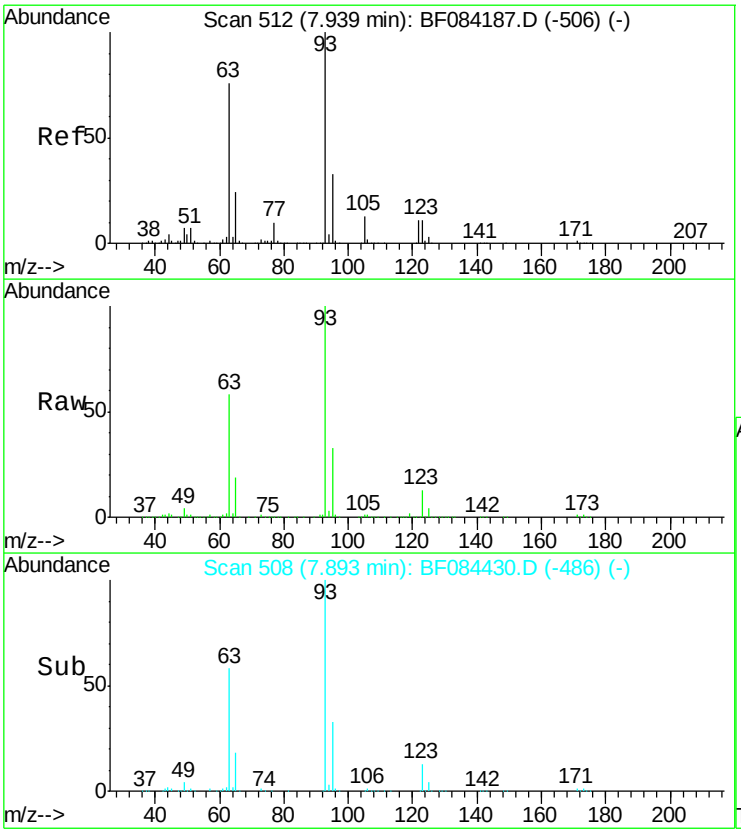

#27
2,4-Dimethylphenol
Concen: 36.80 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:122 Resp: 617572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 115.0 | 99.1 | 148.7 |
| 121 | 58.5 | 47.9 | 71.9 |

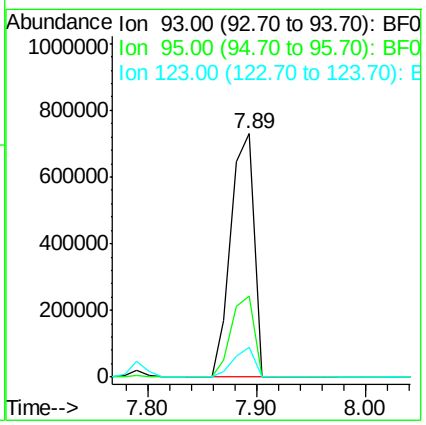


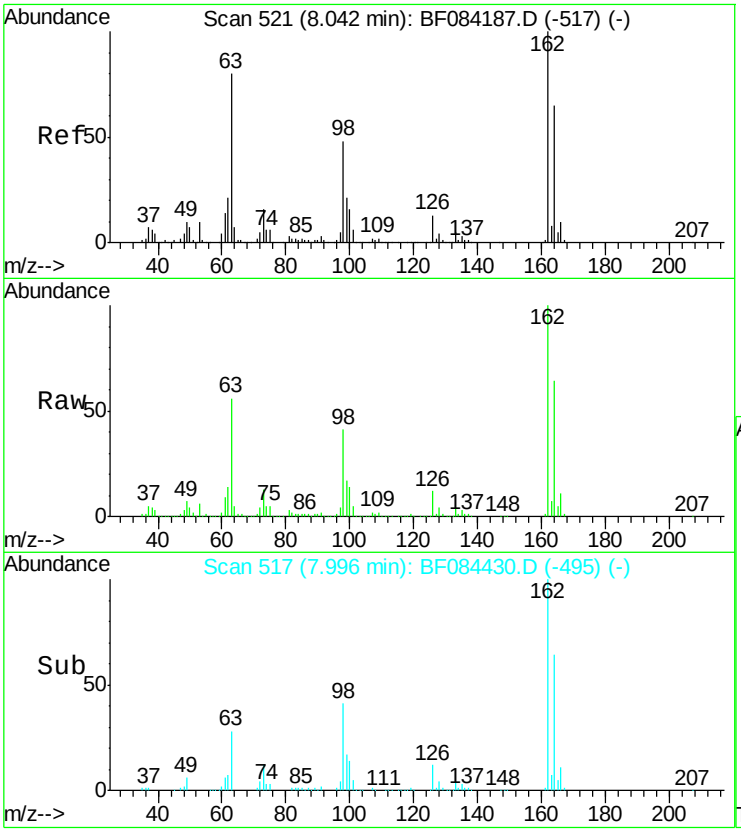




#28
bis(2-Chloroethoxy)methane
Concen: 50.86 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion: 93 Resp: 1067190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.1 | 25.8 | 38.6 |
| 123 | 12.5 | 8.6 | 12.8 |



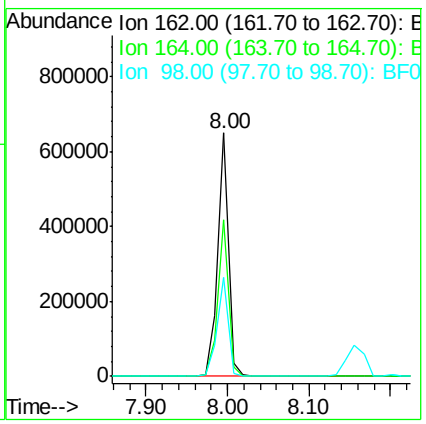


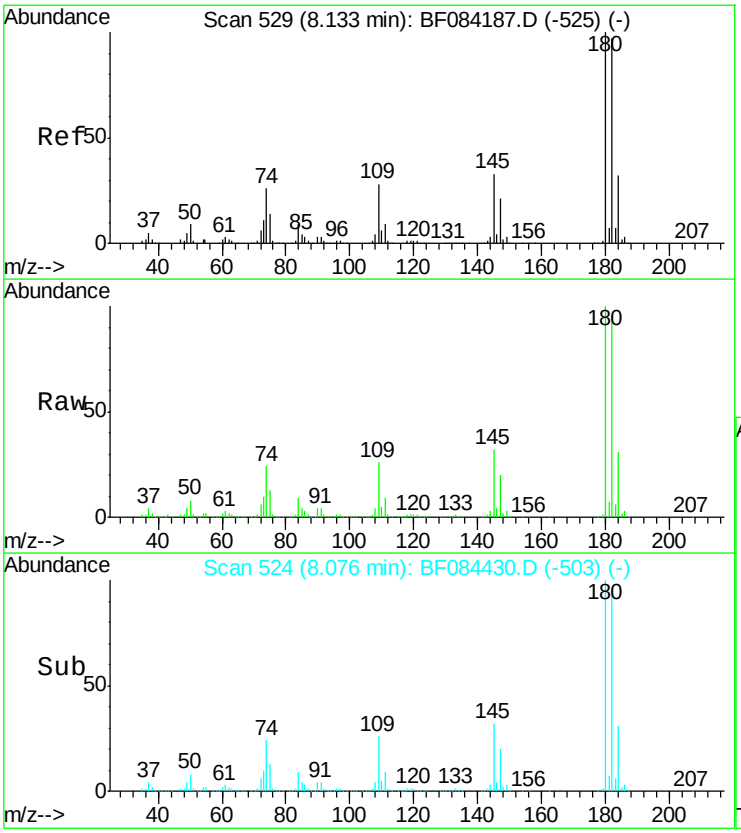

#29
2,4-Dichlorophenol
Concen: 42.52 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:162 Resp: 594383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.5 | 44.1 | 84.1 |
| 98 | 40.7 | 20.2 | 60.2 |

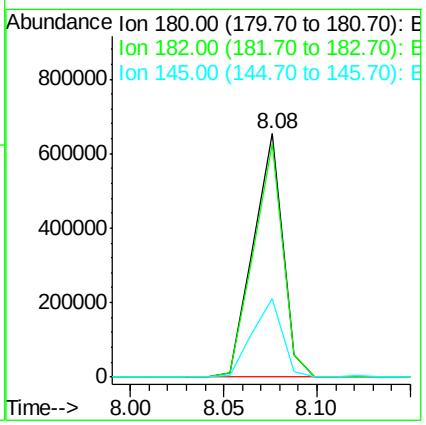


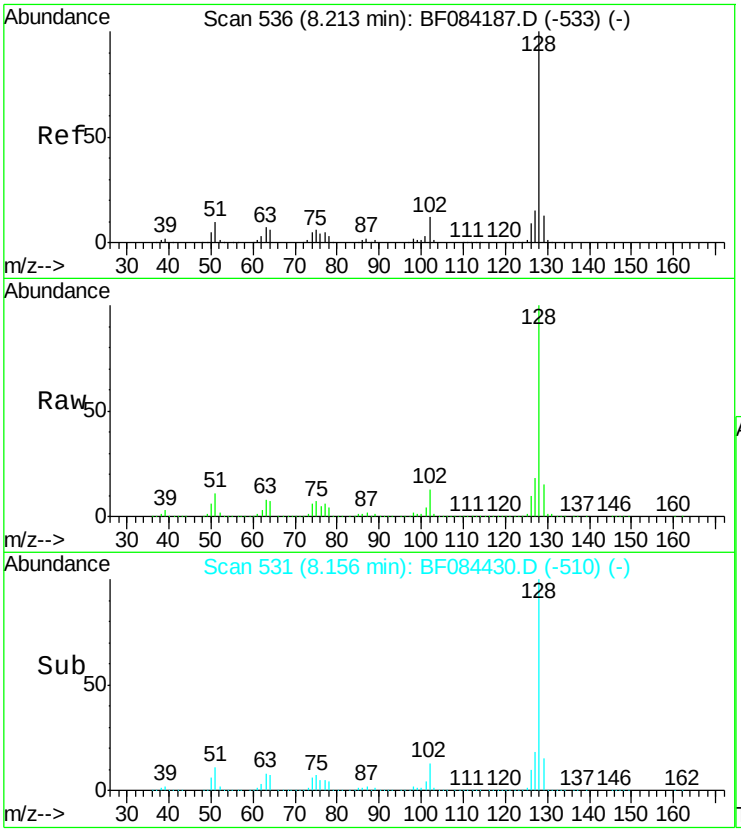




#30
1,2,4-Trichlorobenzene
Concen: 49.36 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:180 Resp: 712291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.9 | 76.4 | 114.6 |
| 145 | 32.4 | 31.6 | 47.4 |



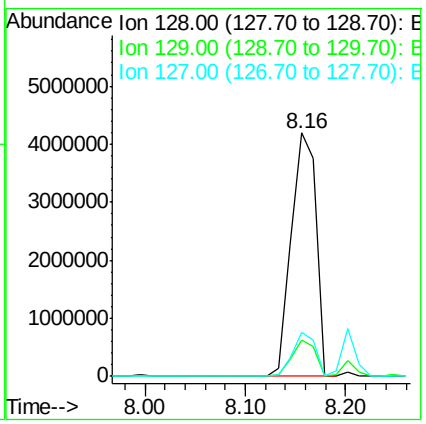


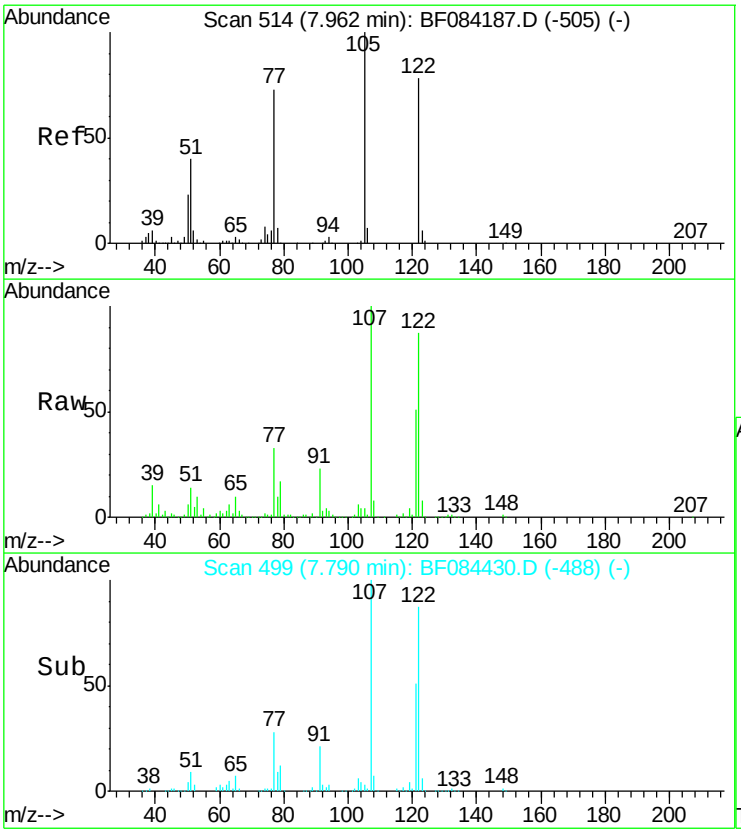

#31
Naphthalene
Concen: 157.64 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:128 Resp: 7149303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 15.0 | 9.1 | 13.7# |
| 127 | 17.8 | 11.1 | 16.7# |

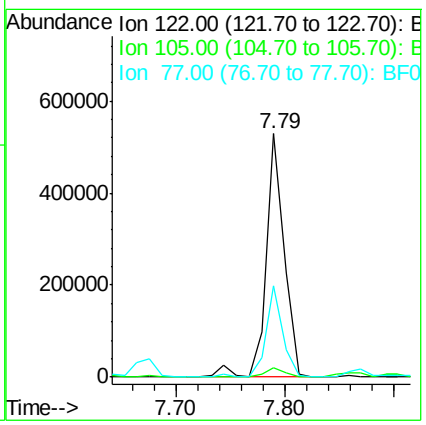


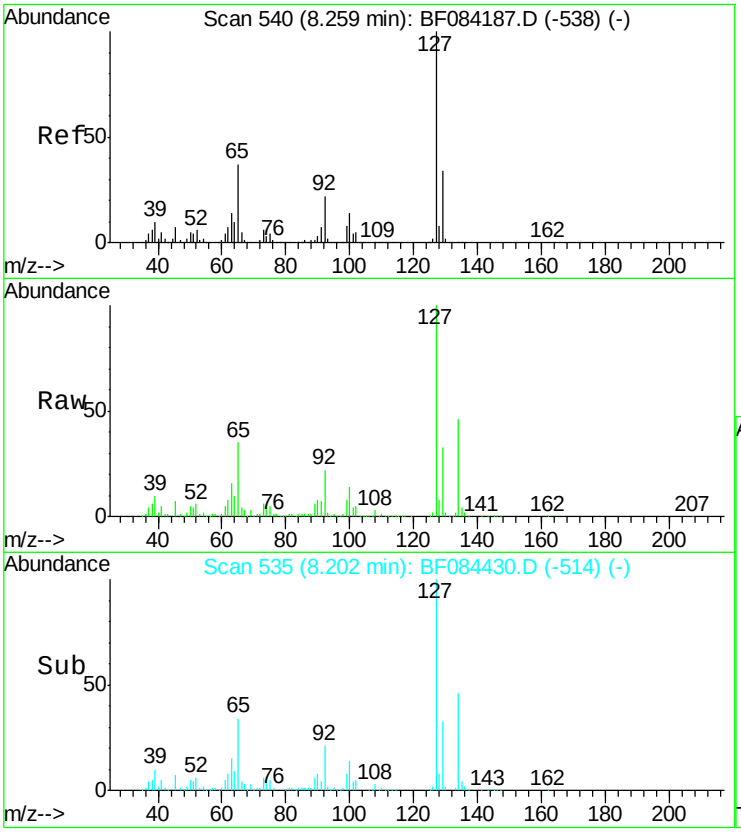




#32
Benzoic acid
Concen: 56.01 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.17 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:122 Resp: 617572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 4.1 | 100.3 | 140.3# |
| 77 | 37.5 | 63.5 | 103.5# |



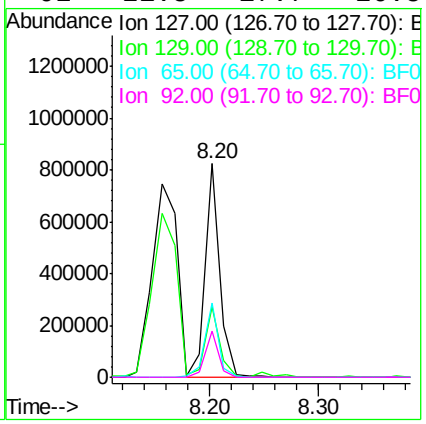


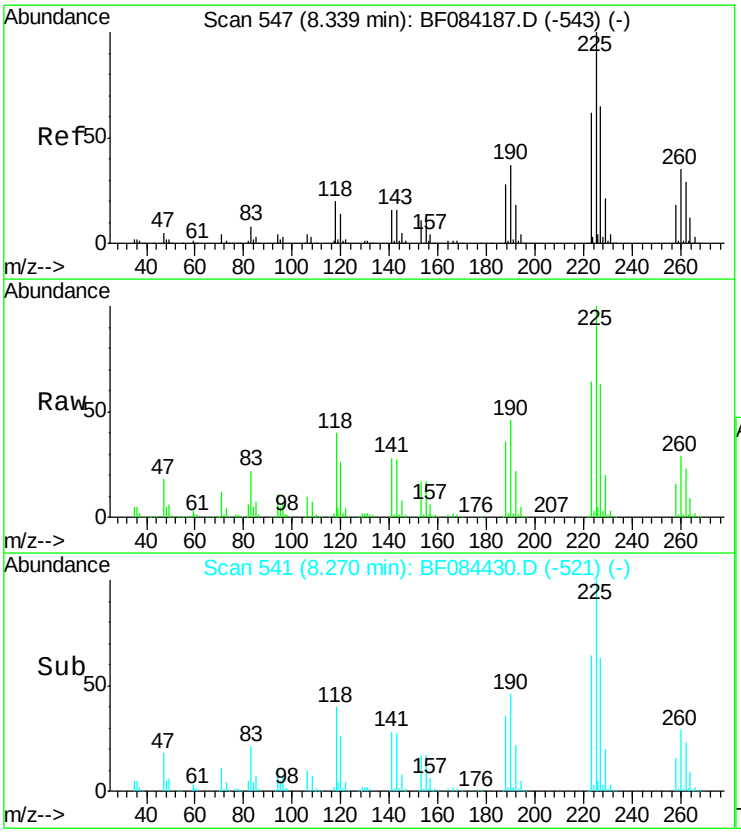

#33
4-Chloroaniline
Concen: 37.27 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:127 Resp: 774866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.0 | 26.5 | 39.7 |
| 65 | 34.9 | 27.2 | 40.8 |
| 92 | 21.5 | 17.7 | 26.5 |

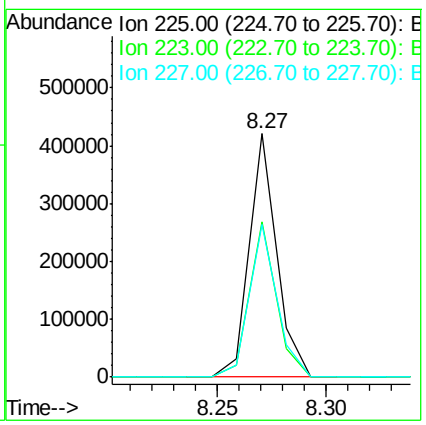


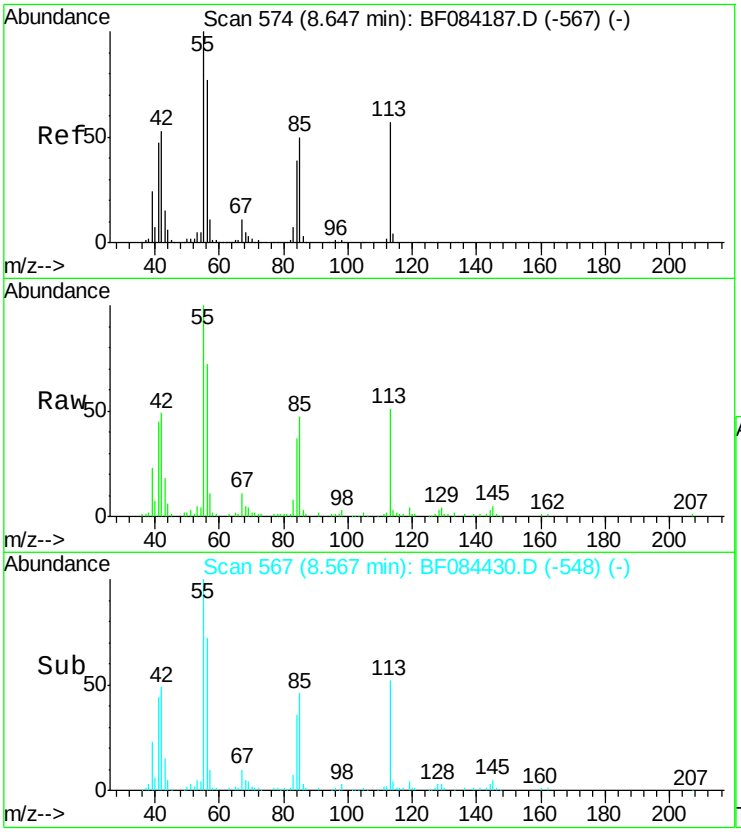




#34
Hexachlorobutadiene
Concen: 44.54 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:225 Resp: 369443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.8 | 49.4 | 74.0 |
| 227 | 62.8 | 50.8 | 76.2 |



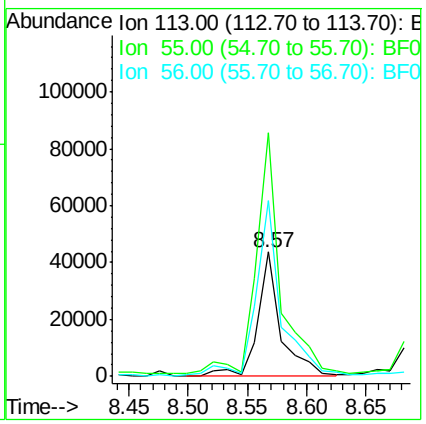


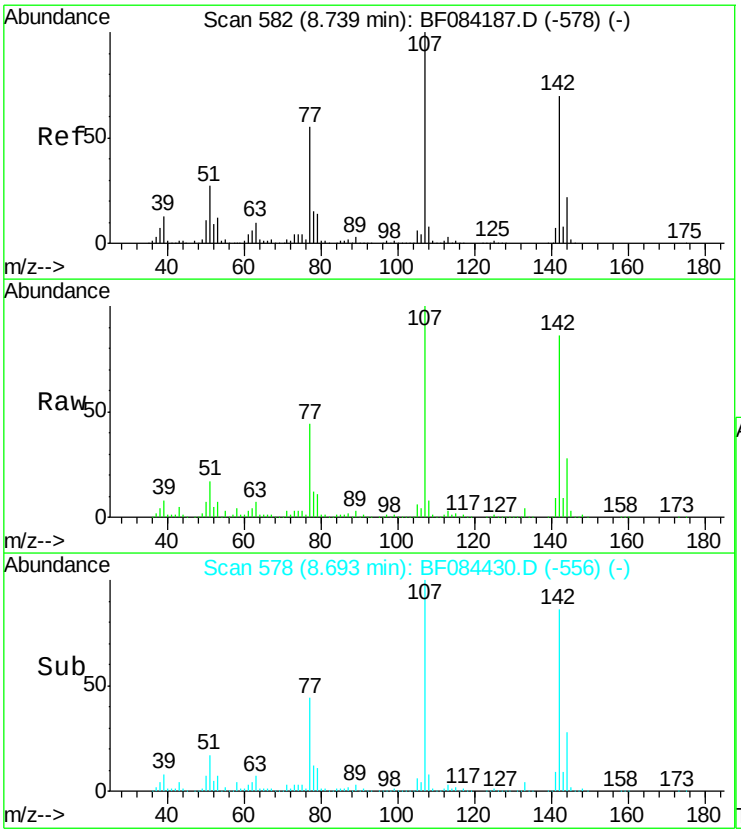

#35
Caprolactam
Concen: 12.63 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.08 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:113 Resp: 59536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 195.6 | 116.9 | 156.9# |
| 56 | 140.7 | 93.8 | 133.8# |

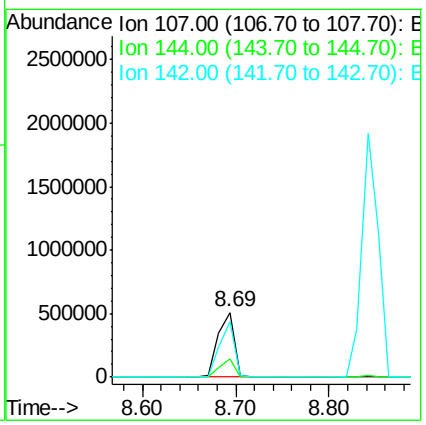


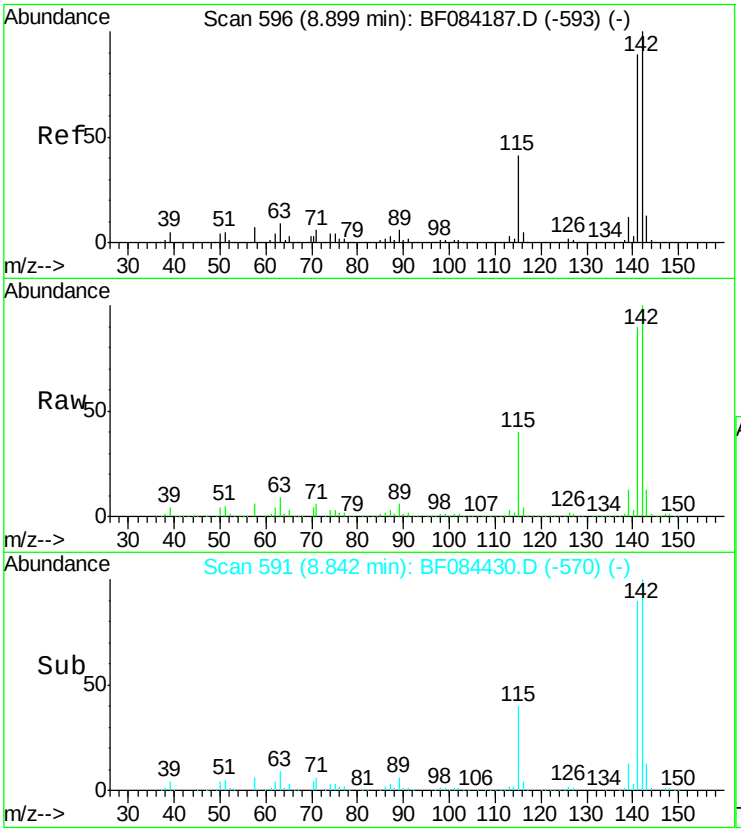




#36
4-Chloro-3-methylphenol
Concen: 39.20 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:107 Resp: 613712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 28.2 | 19.7 | 29.5 |
| 142 | 86.2 | 61.8 | 92.6 |



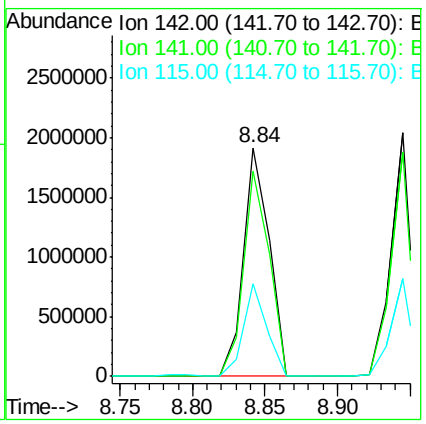


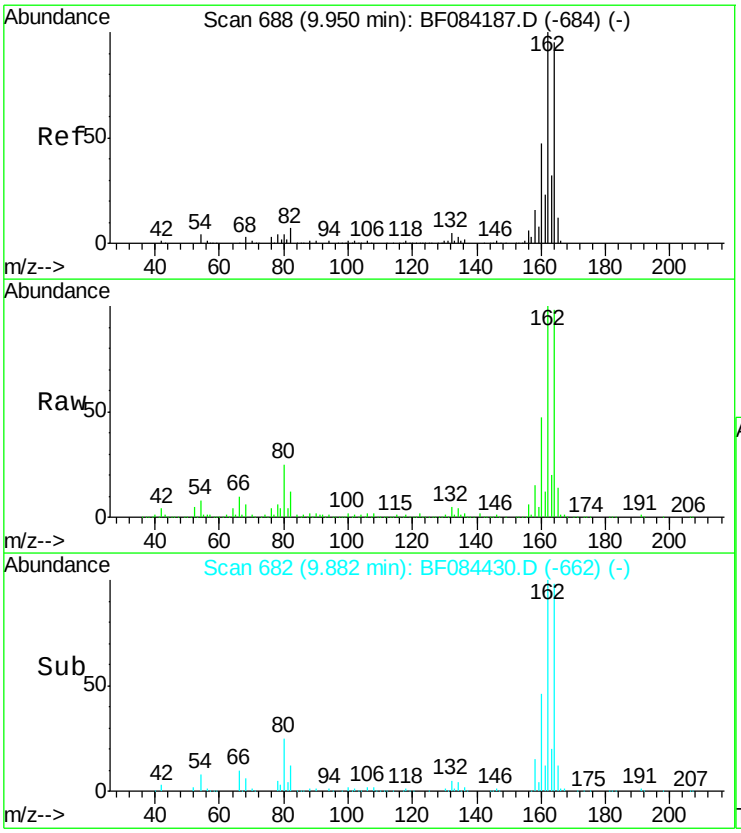

#37
2-Methylnaphthalene
Concen: 72.44 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:142 Resp: 2358276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.9 | 72.4 | 108.6 |
| 115 | 40.3 | 27.9 | 41.9 |

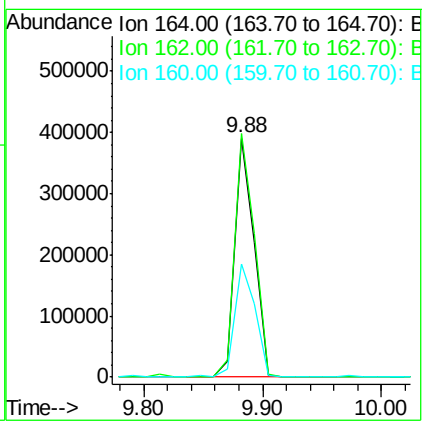


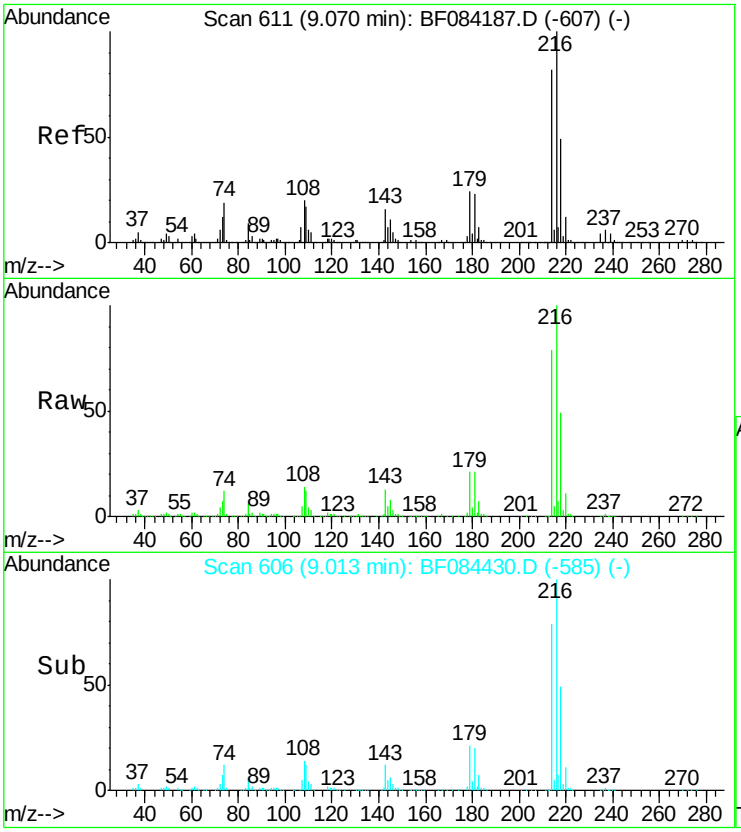




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:164 Resp: 440255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.9 | 85.1 | 127.7 |
| 160 | 47.5 | 37.5 | 56.3 |



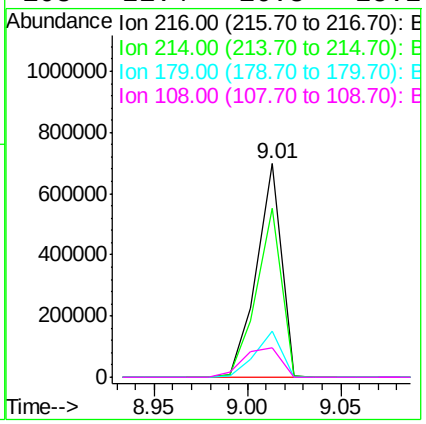


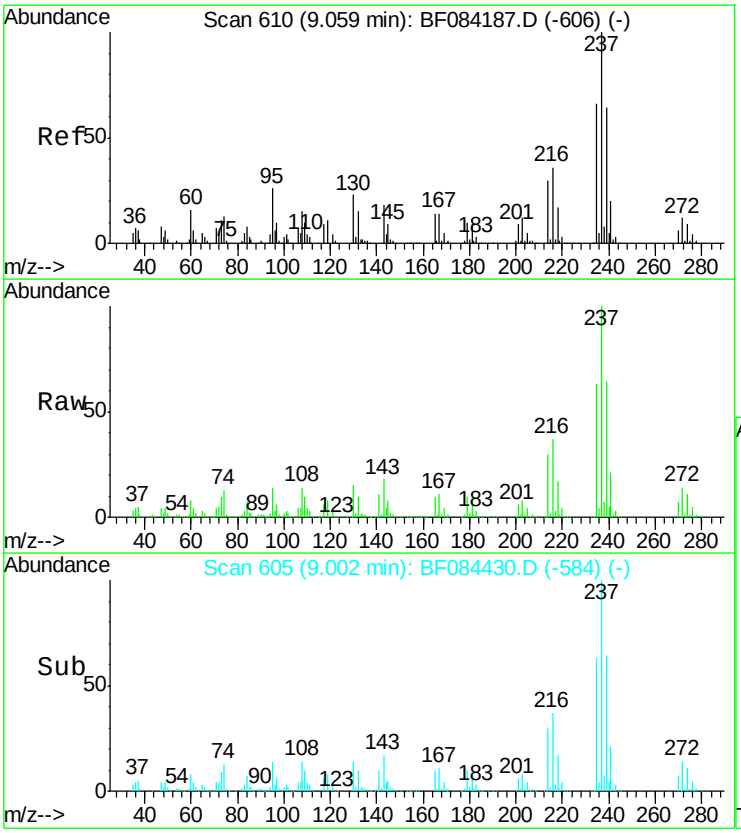

#39
1,2,4,5-Tetrachlorobenzene
Concen: 50.90 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:216 Resp: 644283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.5 | 64.2 | 96.2 |
| 179 | 22.7 | 18.7 | 28.1 |
| 108 | 21.4 | 16.8 | 25.2 |

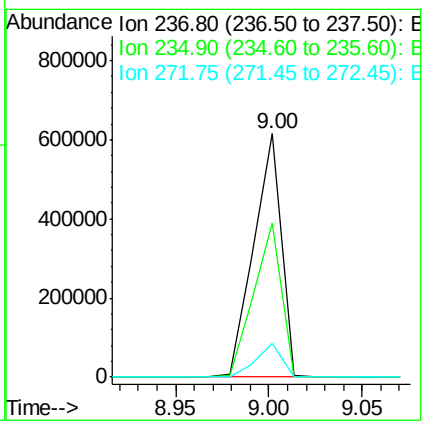


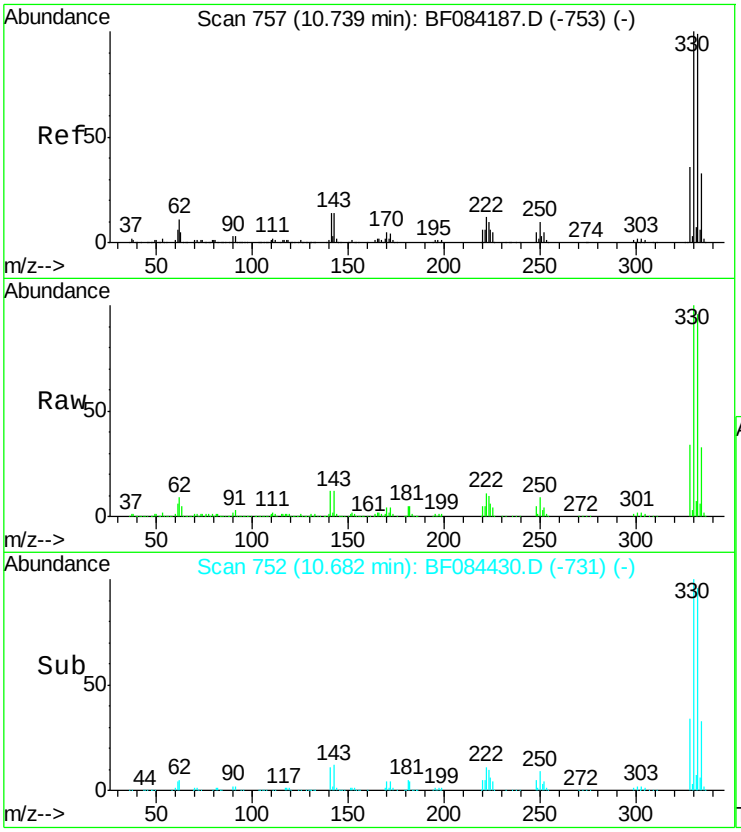




#40
Hexachlorocyclopentadiene
Concen: 81.76 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:237 Resp: 624656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 43.1 | 83.1 |
| 272 | 14.1 | 0.0 | 35.1 |



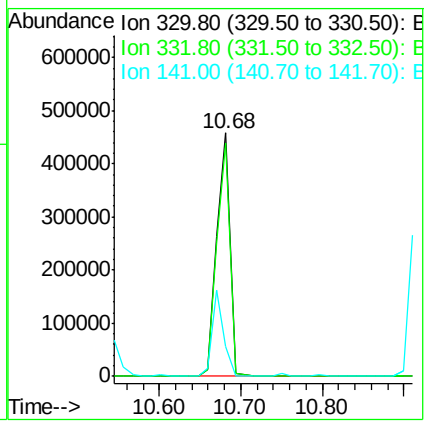


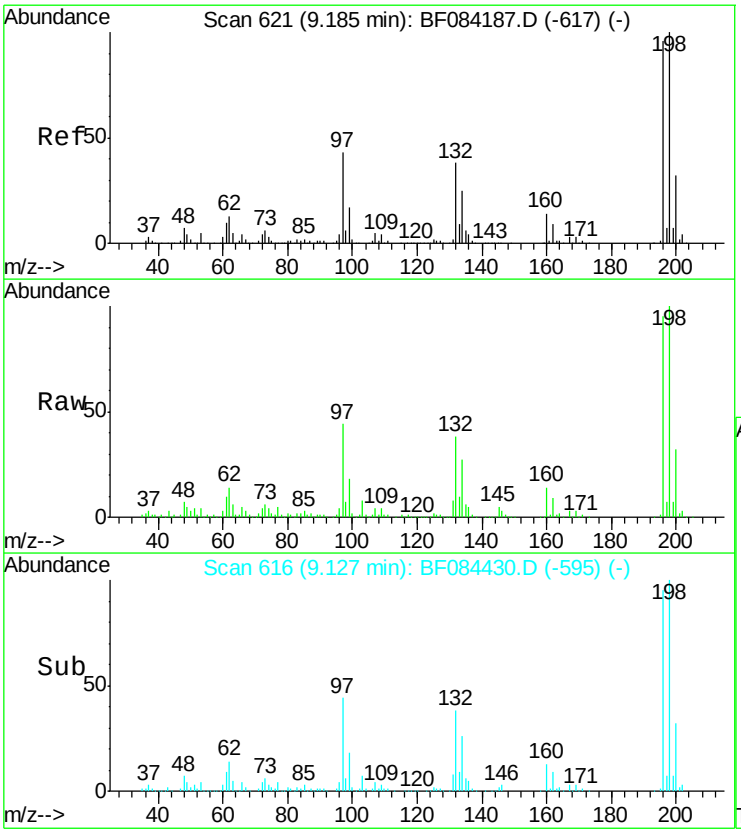

#41
2,4,6-Tribromophenol
Concen: 115.82 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:330 Resp: 514776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 76.6 | 114.8 |
| 141 | 31.5 | 27.8 | 41.6 |

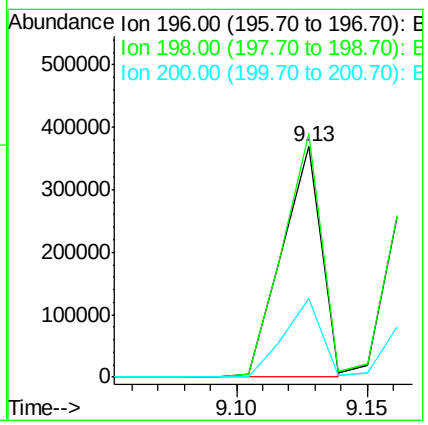


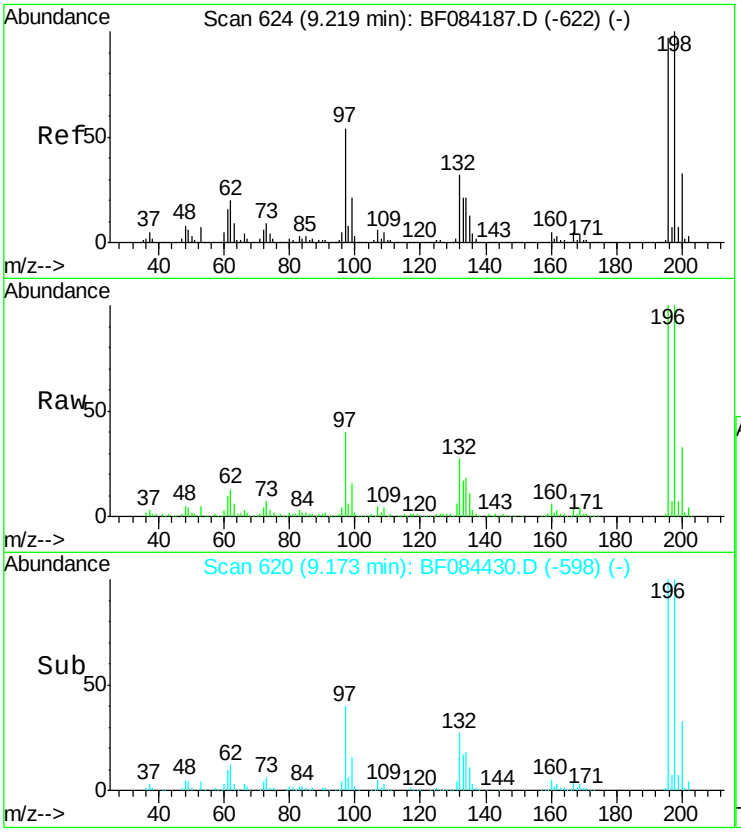




#42
2,4,6-Trichlorophenol
Concen: 40.61 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:196 Resp: 384524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 105.6 | 77.7 | 116.5 |
| 200 | 33.9 | 24.6 | 37.0 |



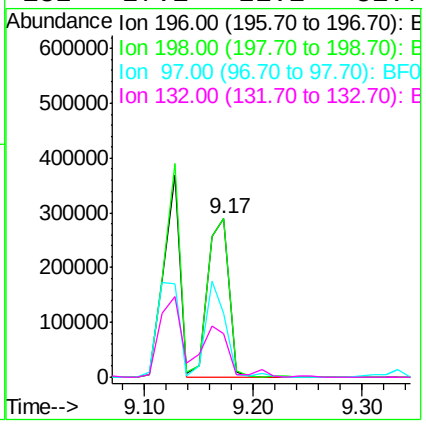


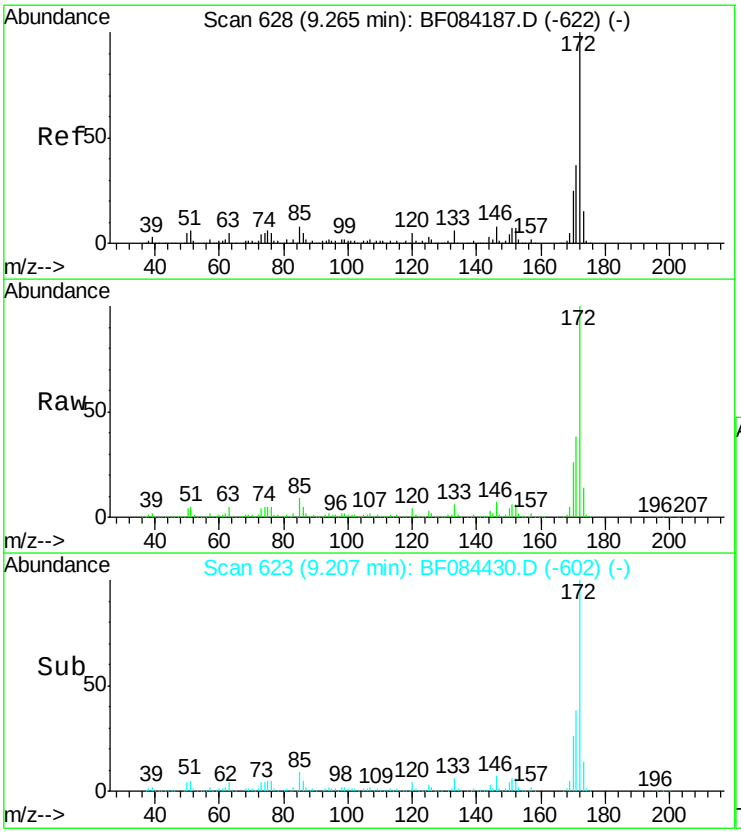

#43
2,4,5-Trichlorophenol
Concen: 44.04 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:196 Resp: 399739

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.4 | 79.0 | 118.6 |
| 97 | 40.3 | 33.0 | 49.6 |
| 132 | 27.1 | 21.1 | 31.7 |

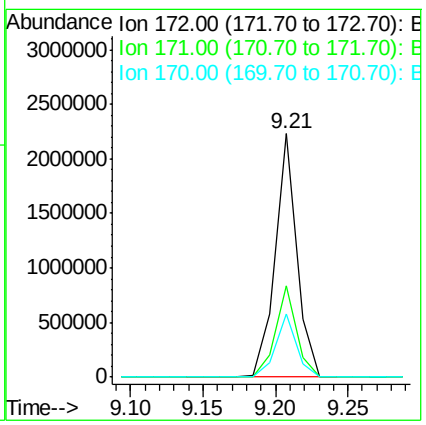


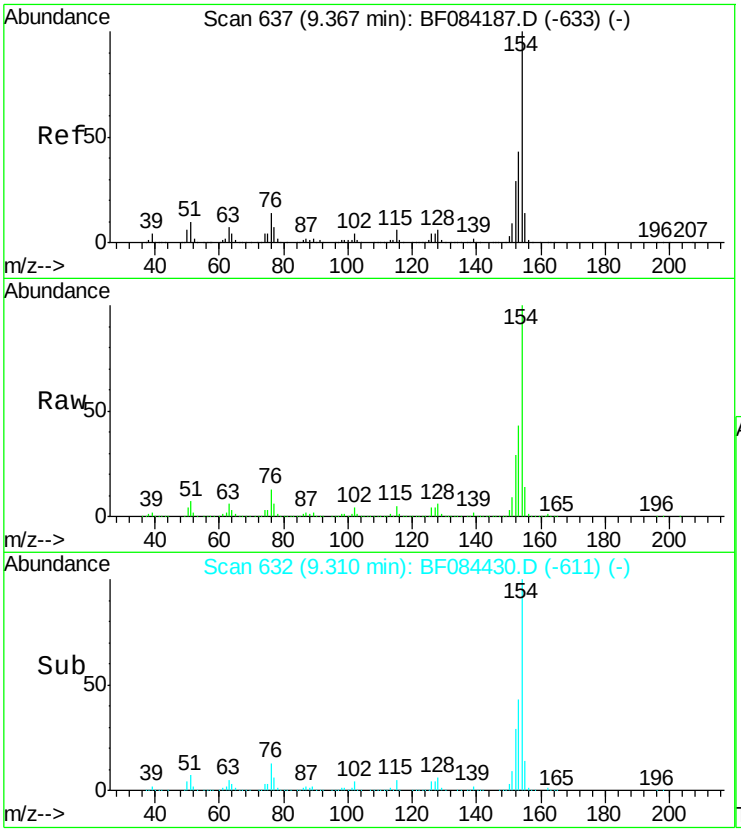




#44
2-Fluorobiphenyl
Concen: 92.40 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:172 Resp: 2298672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.7 | 28.9 | 43.3 |
| 170 | 26.1 | 18.6 | 27.8 |



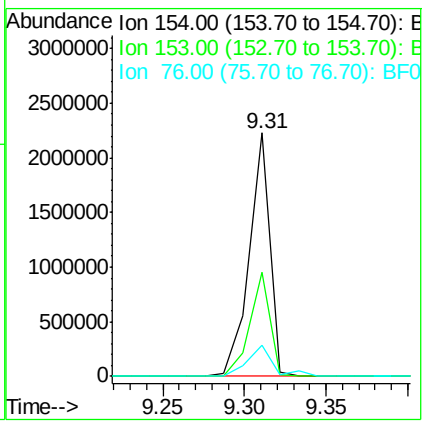


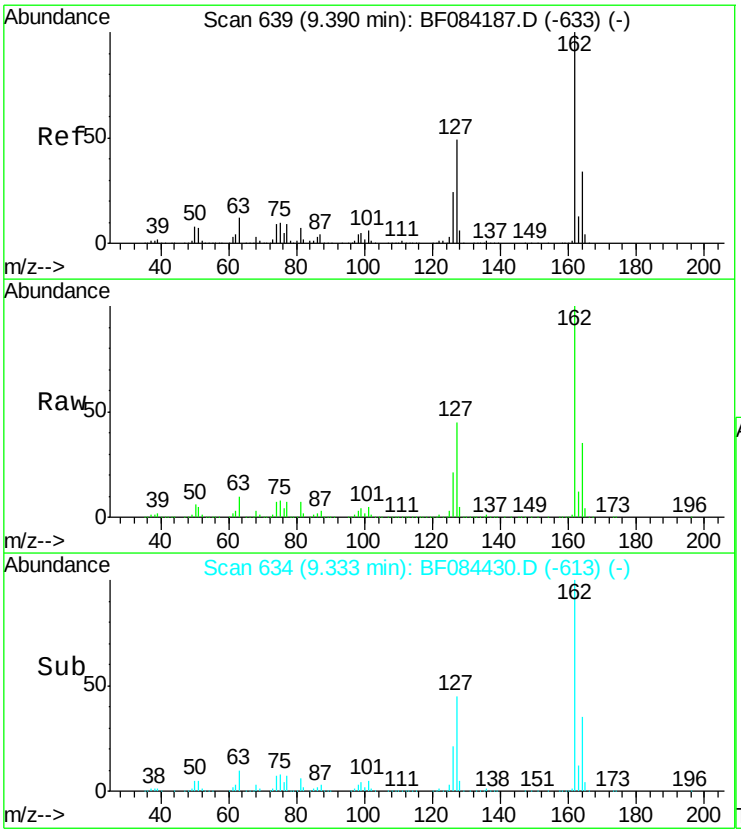

#45
1,1'-Biphenyl
Concen: 55.74 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:154 Resp: 1950187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 43.0 | 21.6 | 61.6 |
| 76 | 12.6 | 0.0 | 32.7 |

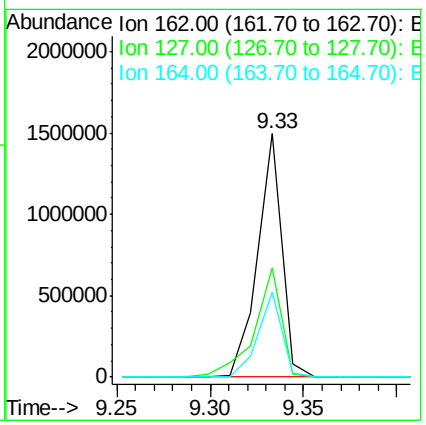


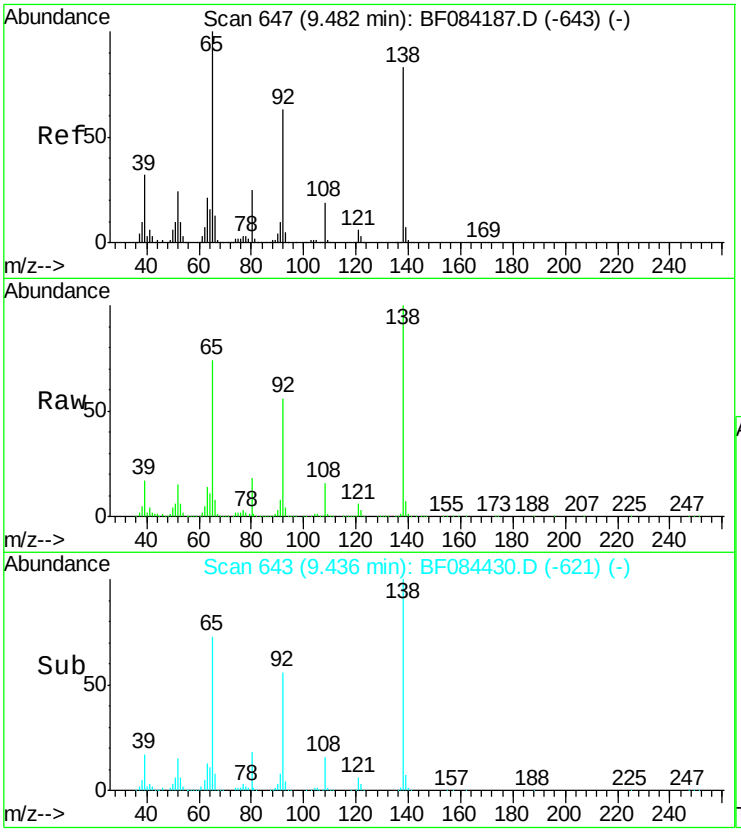




#46
2-Chloronaphthalene
Concen: 49.60 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:162 Resp: 1363345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 44.6 | 40.2 | 60.4 |
| 164 | 34.7 | 25.7 | 38.5 |



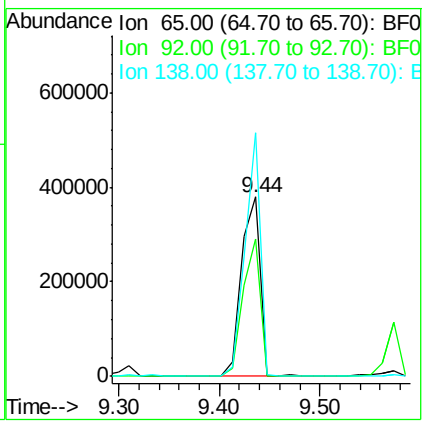


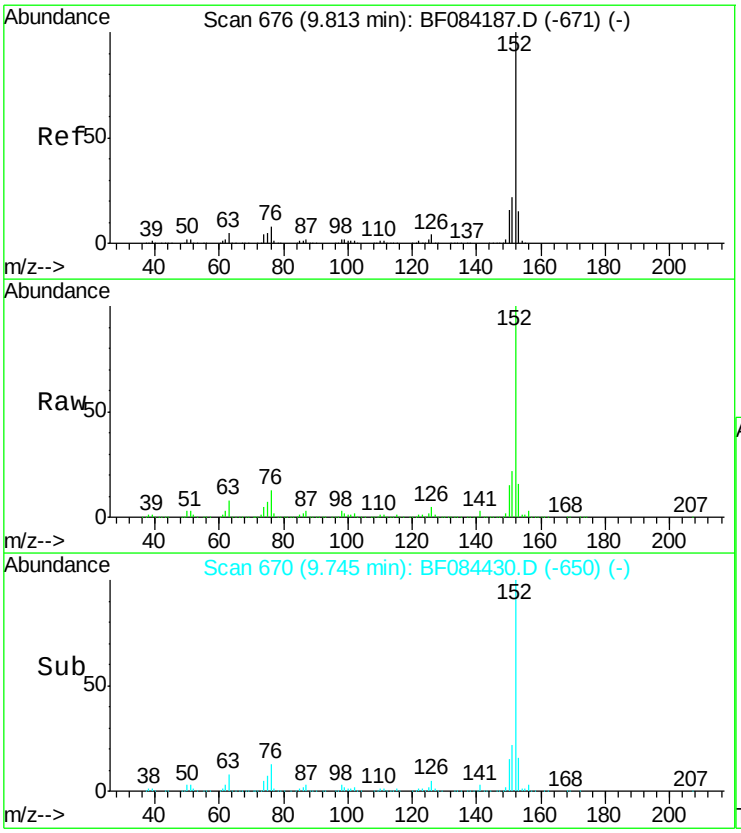

#47
2-Nitroaniline
Concen: 54.17 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion: 65 Resp: 491341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 76.7 | 53.4 | 80.2 |
| 138 | 135.7 | 71.1 | 106.7# |

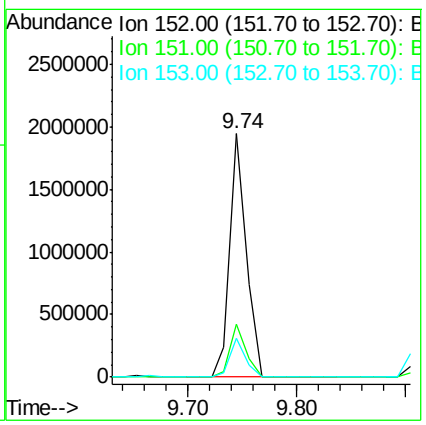


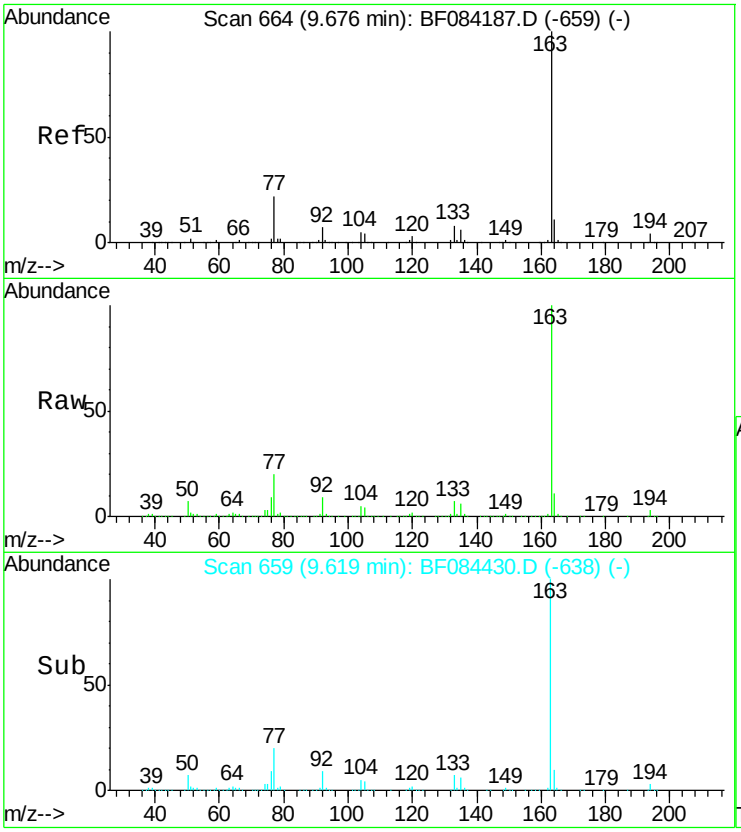




#48
Acenaphthylene
Concen: 49.56 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:152 Resp: 2012405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.6 | 16.3 | 24.5 |
| 153 | 15.8 | 10.4 | 15.6# |



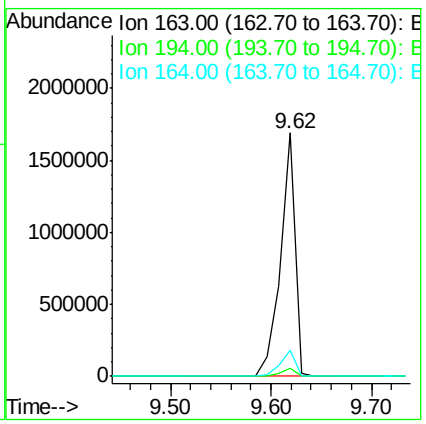


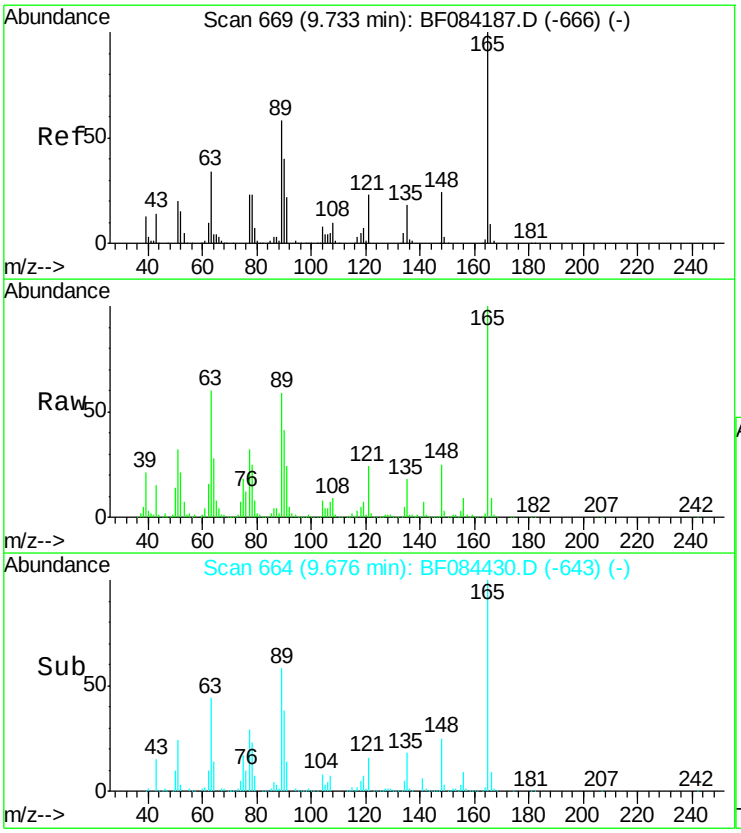

#49
Dimethylphthalate
Concen: 54.20 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:163 Resp: 1705931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 8.0 | 12.0# |
| 164 | 10.5 | 8.0 | 12.0 |

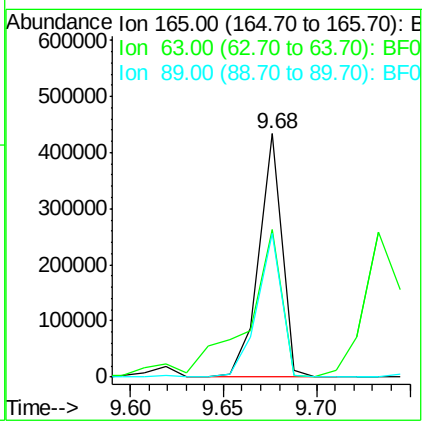


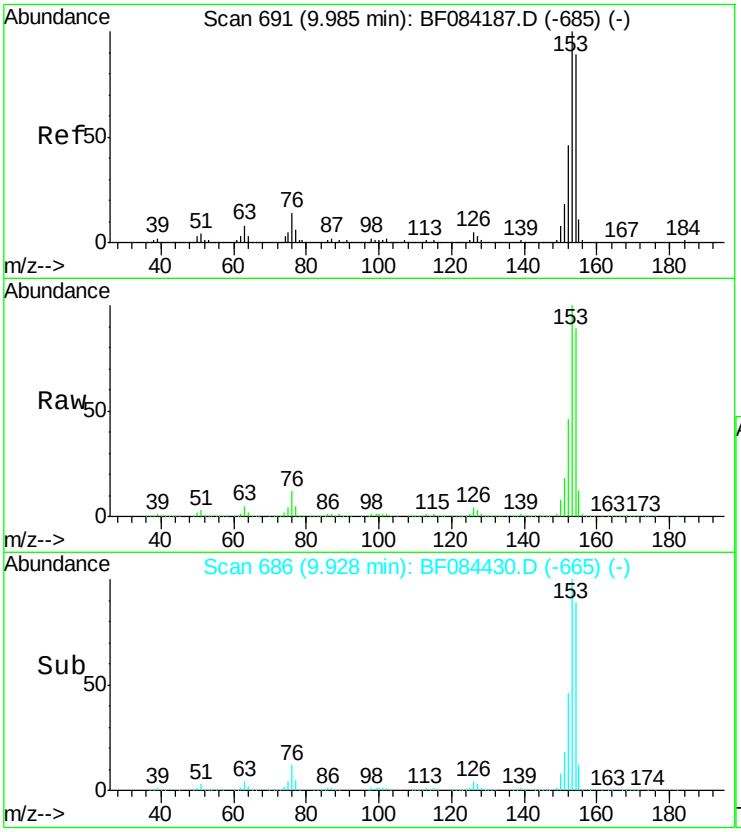




#50
2,6-Dinitrotoluene
Concen: 53.45 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:165 Resp: 368960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 60.5 | 28.8 | 43.2# |
| 89 | 58.8 | 35.1 | 52.7# |



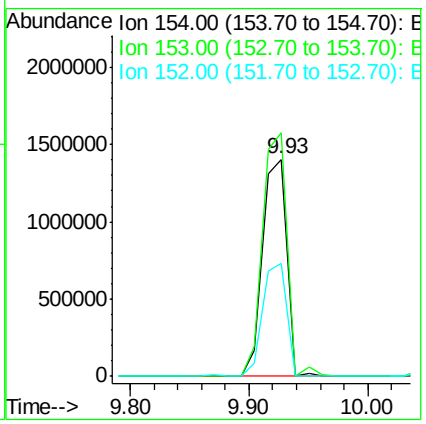


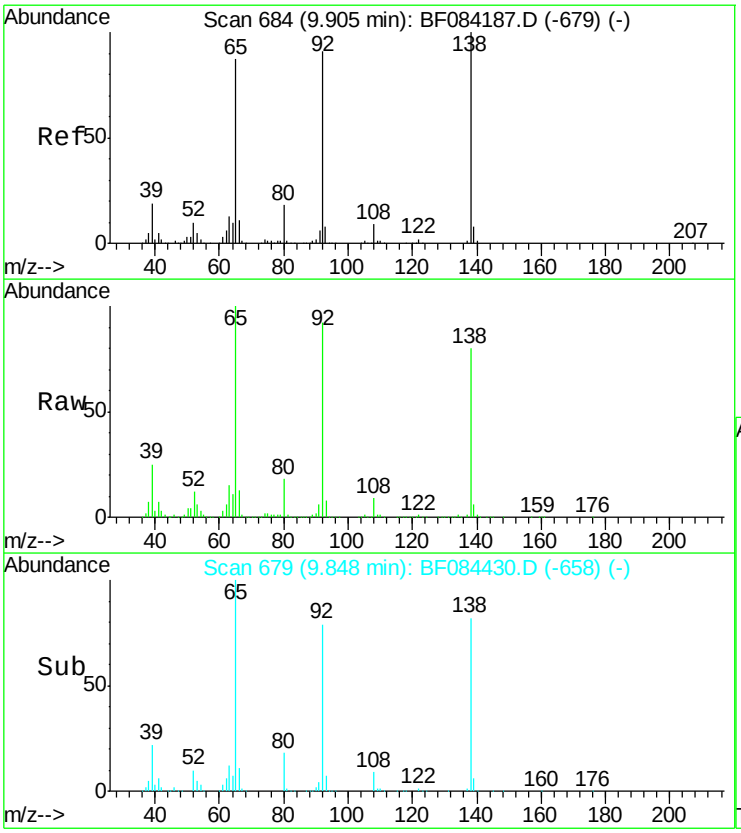

#51
Acenaphthene
Concen: 73.61 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:154 Resp: 2005047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.3 | 91.5 | 137.3 |
| 152 | 52.1 | 43.0 | 64.6 |

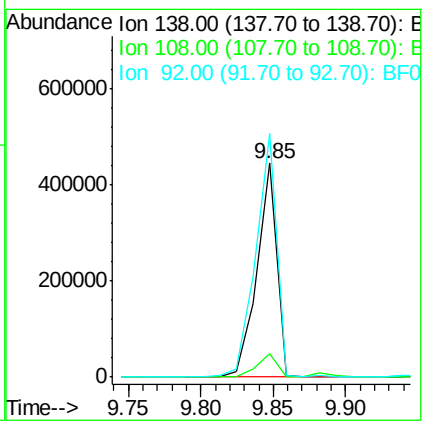


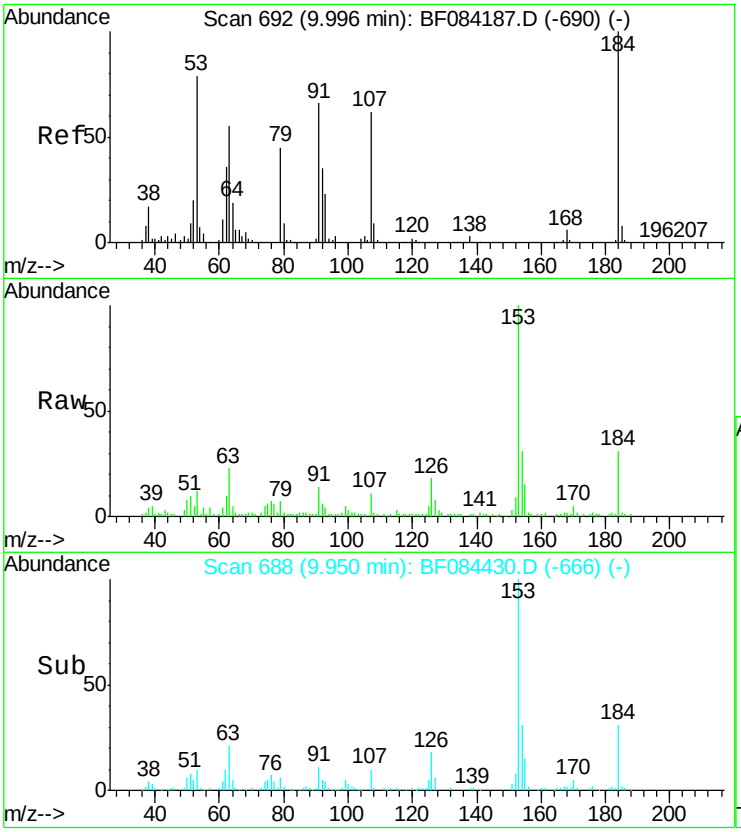




#52
3-Nitroaniline
Concen: 49.35 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:138 Resp: 422120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.7 | 10.5 | 15.7 |
| 92 | 114.0 | 103.9 | 155.9 |



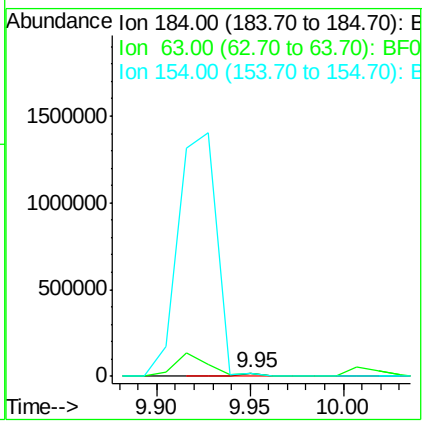


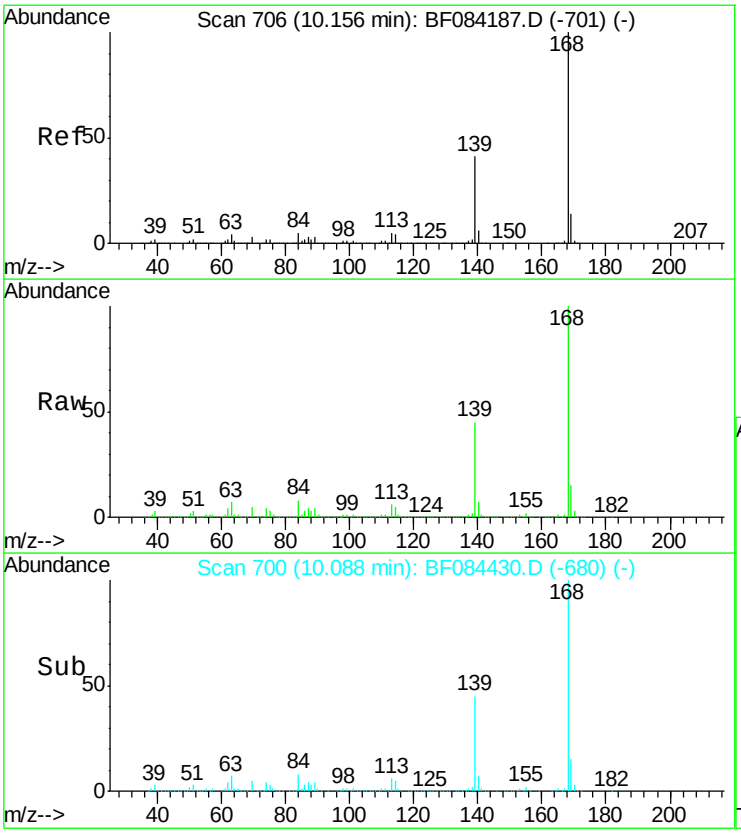

#53
2,4-Dinitrophenol
Concen: 10.06 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:184 Resp: 20015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 73.4 | 43.1 | 64.7# |
| 154 | 100.3 | 60.5 | 90.7# |

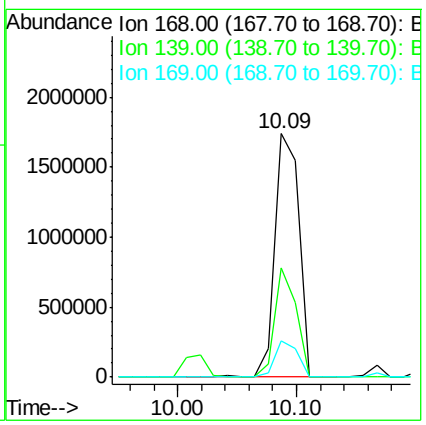


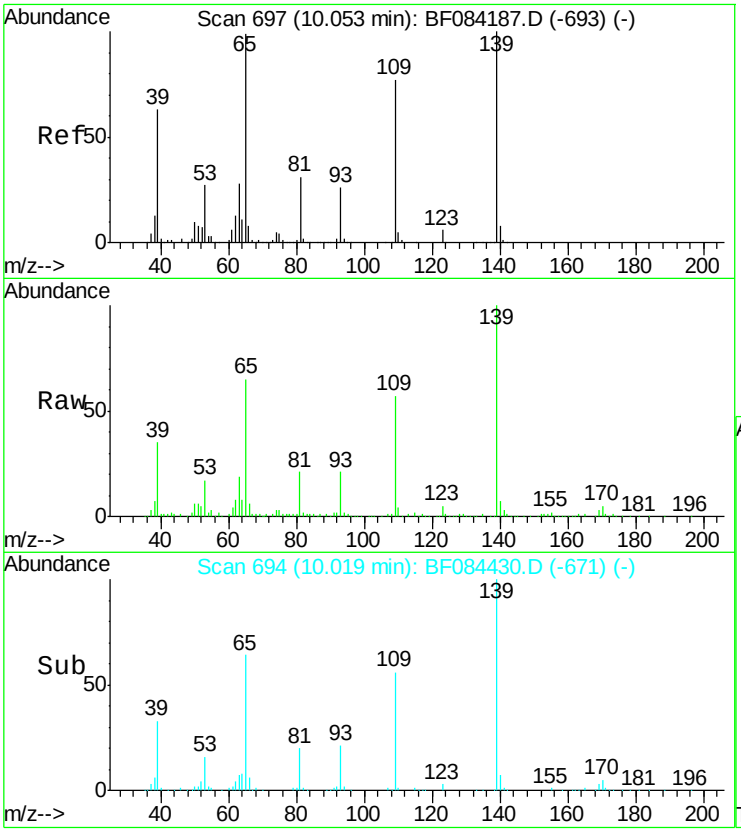




#54
Dibenzofuran
Concen: 69.97 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:168 Resp: 2409973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 44.7 | 30.5 | 45.7 |
| 169 | 14.9 | 10.4 | 15.6 |



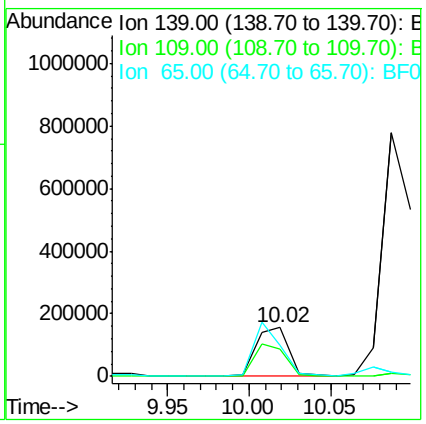


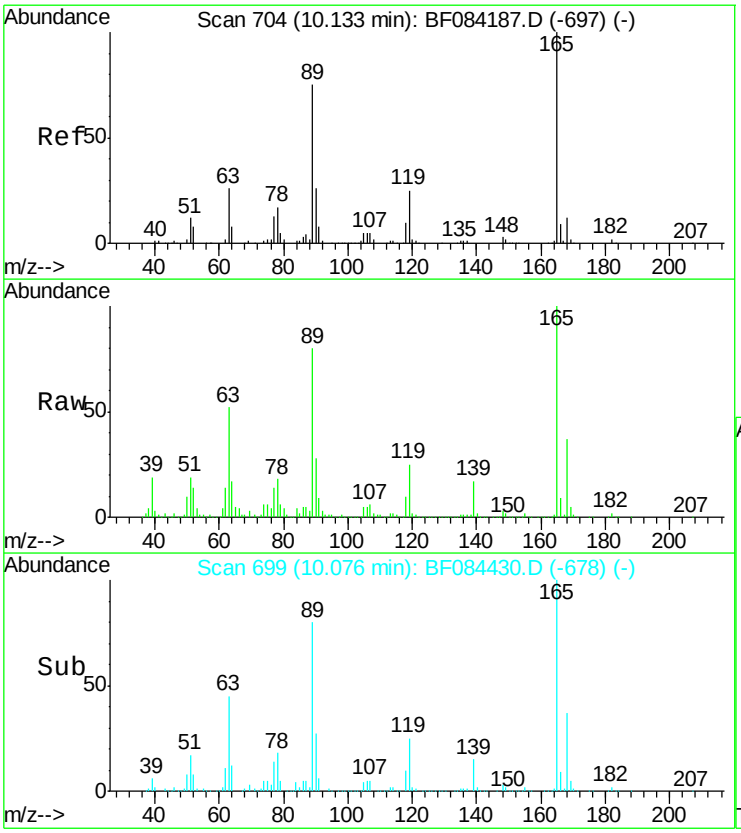

#55
4-Nitrophenol
Concen: 35.13 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:139 Resp: 218142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 57.2 | 58.5 | 98.5# |
| 65 | 64.6 | 57.6 | 97.6 |

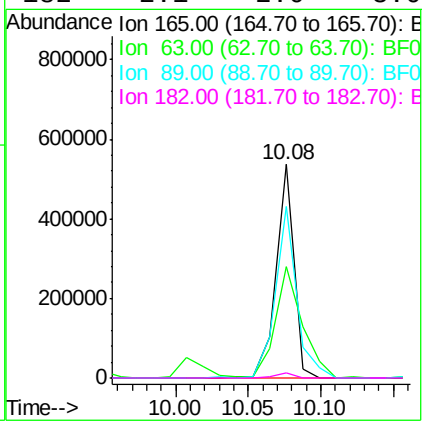


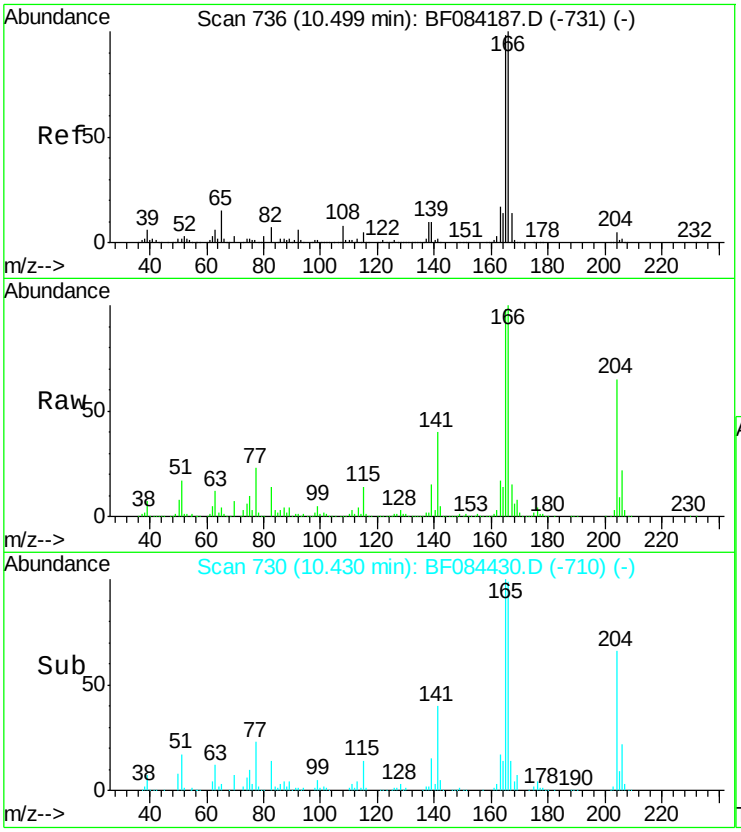




#56
2,4-Dinitrotoluene
Concen: 52.53 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:165 Resp: 458917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 52.1 | 36.7 | 55.1 |
| 89 | 80.2 | 61.9 | 92.9 |
| 182 | 2.1 | 2.0 | 3.0 |



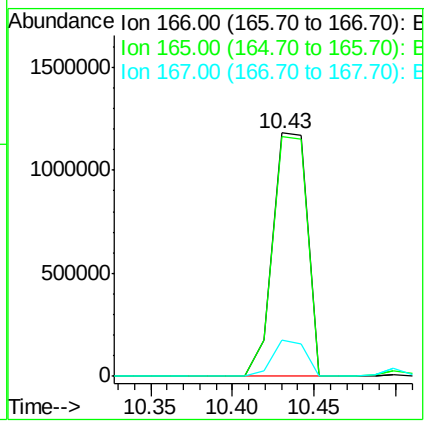


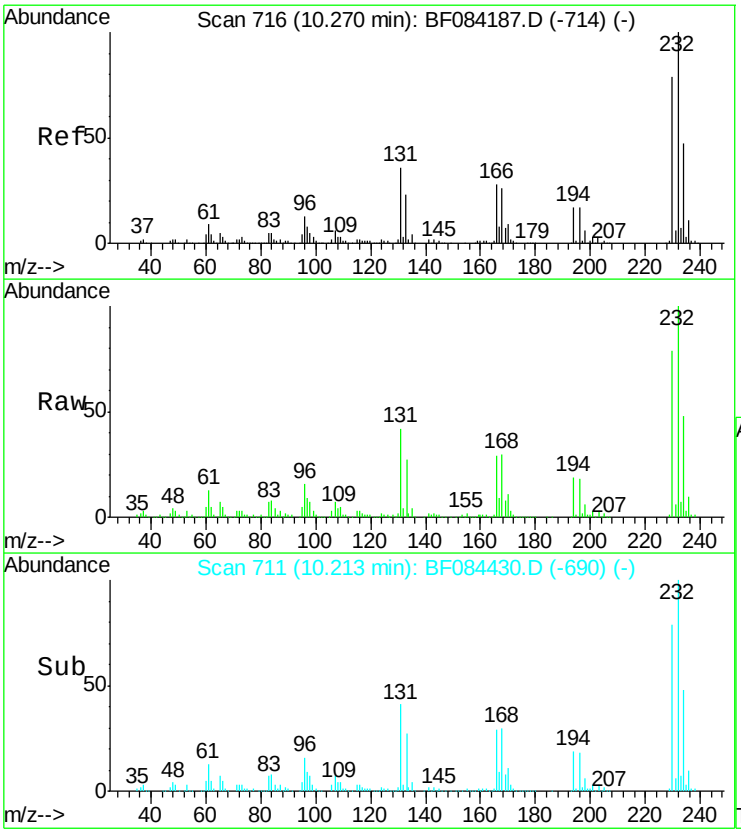

#57
Fluorene
Concen: 64.81 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:166 Resp: 1739218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 79.1 | 118.7 |
| 167 | 14.7 | 10.4 | 15.6 |

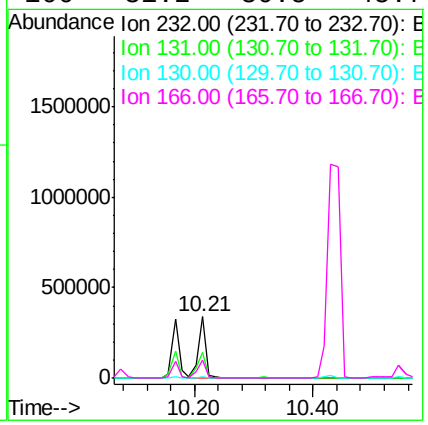


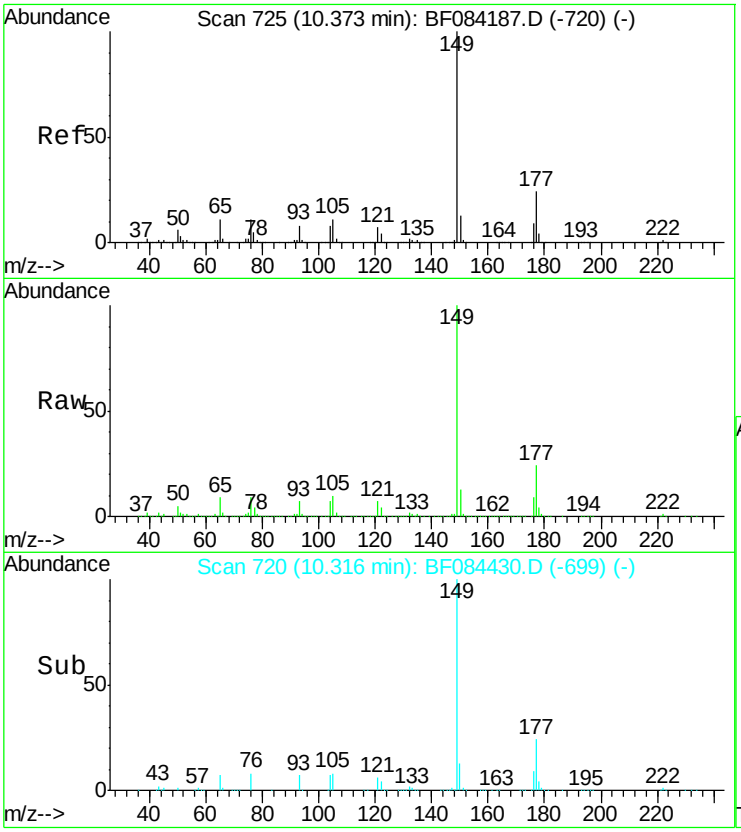




#58
2,3,4,6-Tetrachlorophenol
Concen: 39.25 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:232 Resp: 304178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 47.8 | 47.0 | 70.6 |
| 130 | 2.7 | 2.0 | 3.0 |
| 166 | 31.2 | 30.5 | 45.7 |



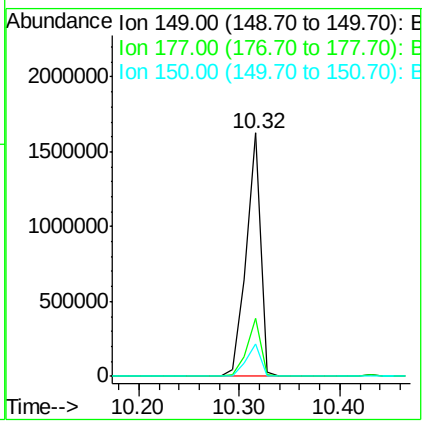


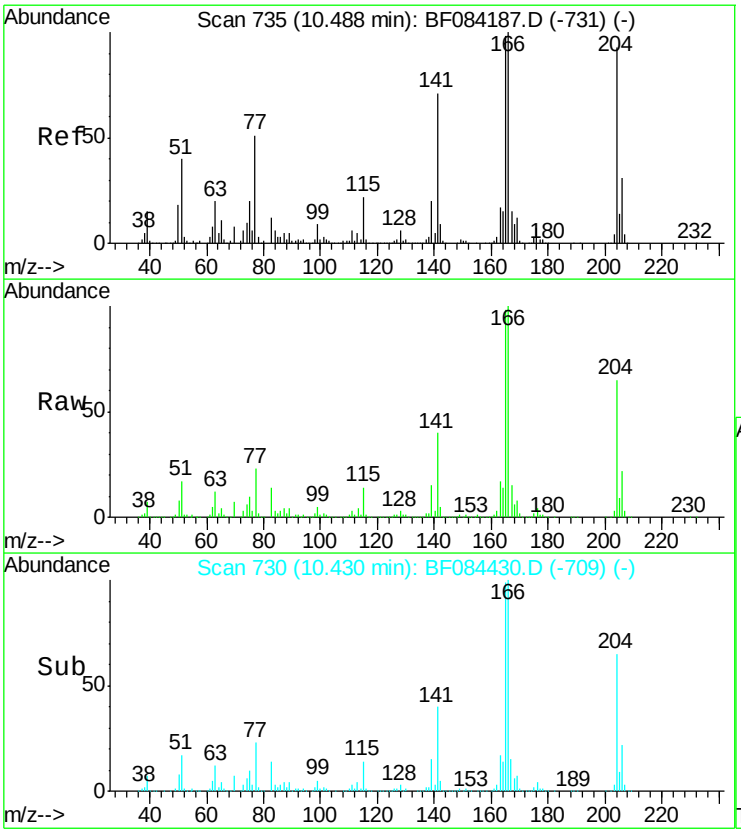

#59
Diethylphthalate
Concen: 51.68 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:149 Resp: 1603665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.1 | 17.3 | 25.9 |
| 150 | 13.2 | 9.8 | 14.8 |

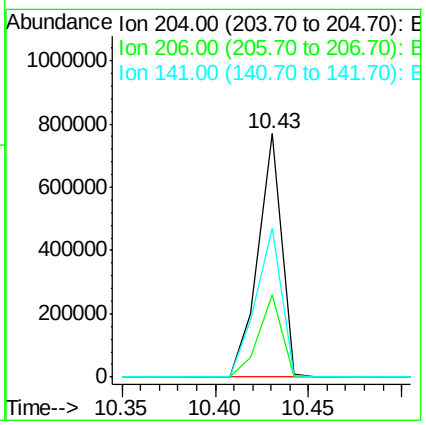


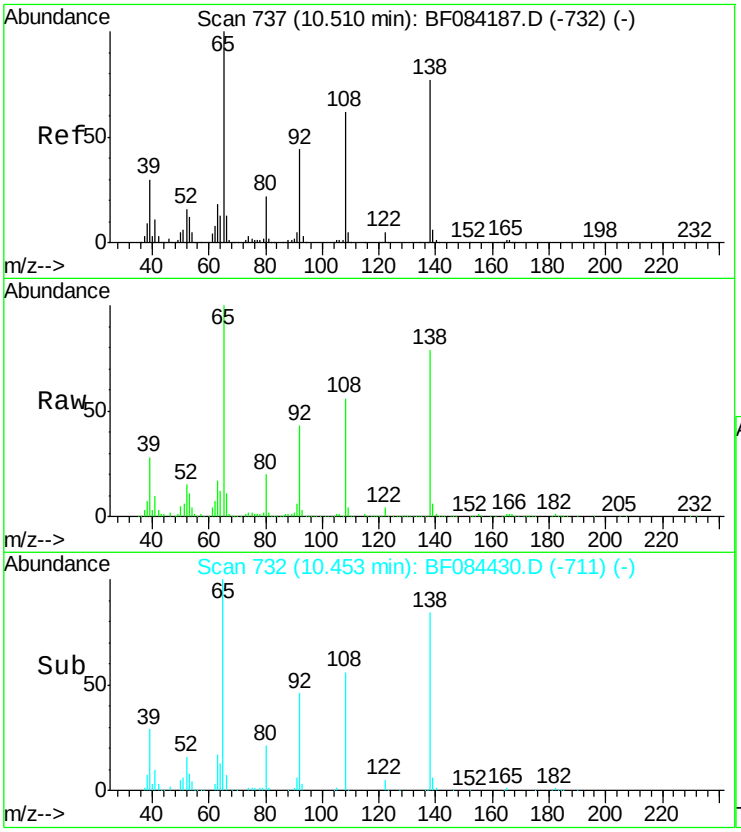




#60
4-Chlorophenyl-phenylether
Concen: 61.26 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:204 Resp: 672123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.8 | 25.7 | 38.5 |
| 141 | 61.2 | 55.1 | 82.7 |



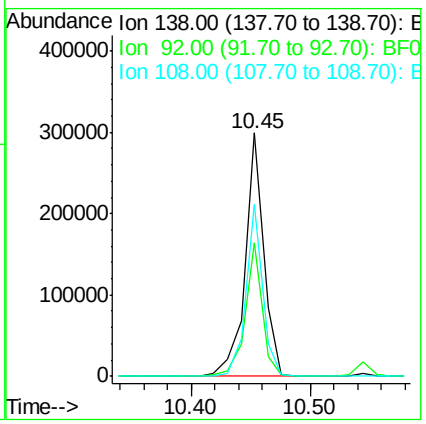


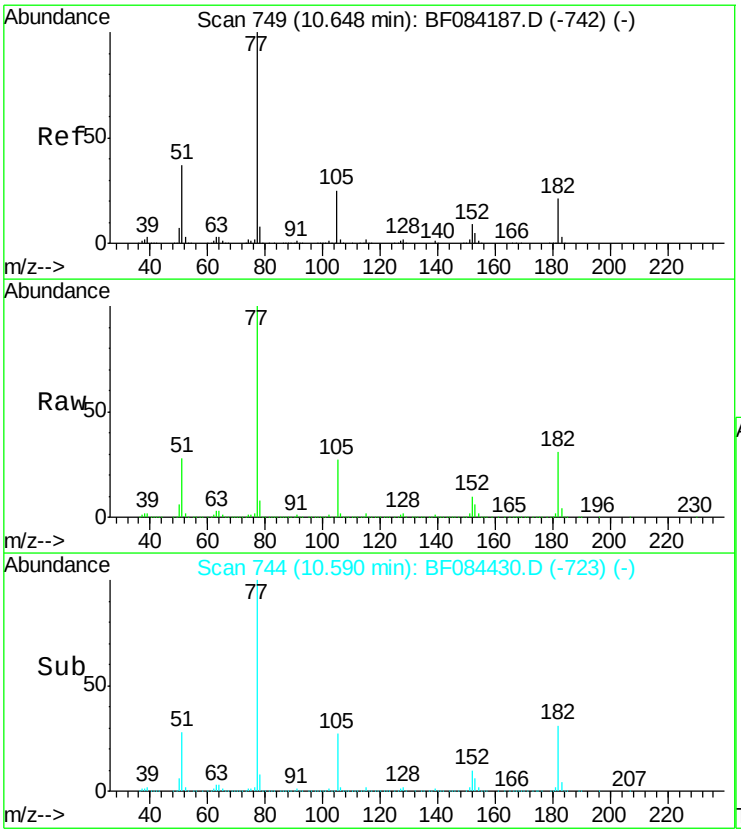

#61
4-Nitroaniline
Concen: 43.26 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:138 Resp: 329868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 55.0 | 32.6 | 72.6 |
| 108 | 70.8 | 68.6 | 108.6 |

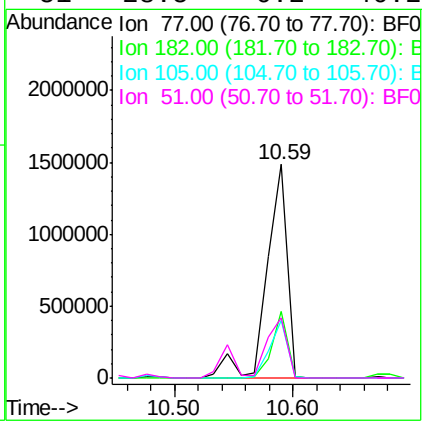


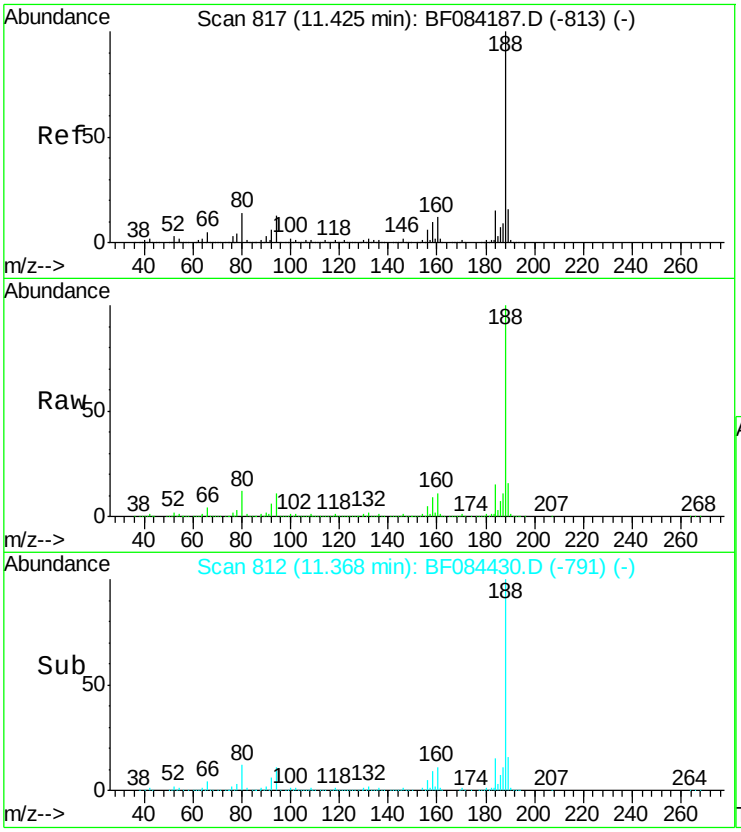




#62
Azobenzene
Concen: 52.35 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion: 77 Resp: 1781880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 31.2 | 8.3 | 48.3 |
| 105 | 26.9 | 4.6 | 44.6 |
| 51 | 28.5 | 6.2 | 46.2 |



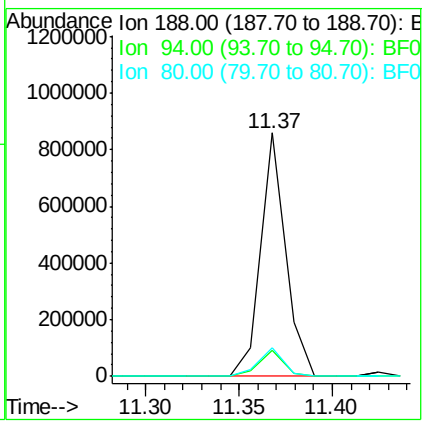


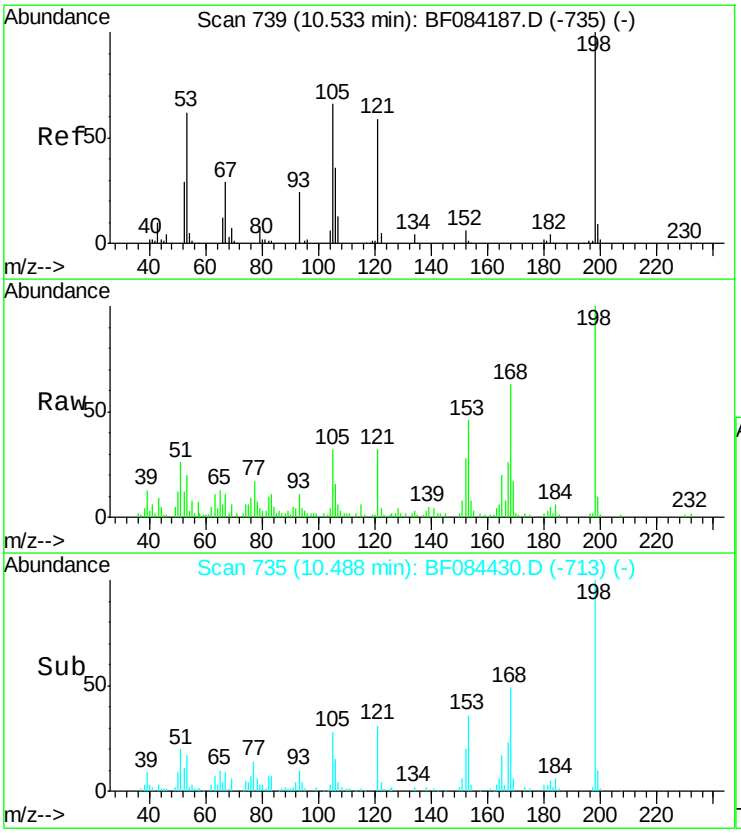

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:188 Resp: 792794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.9 | 9.0 | 13.4 |
| 80 | 11.5 | 9.6 | 14.4 |

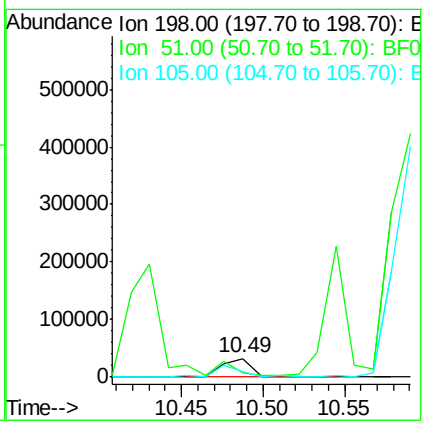


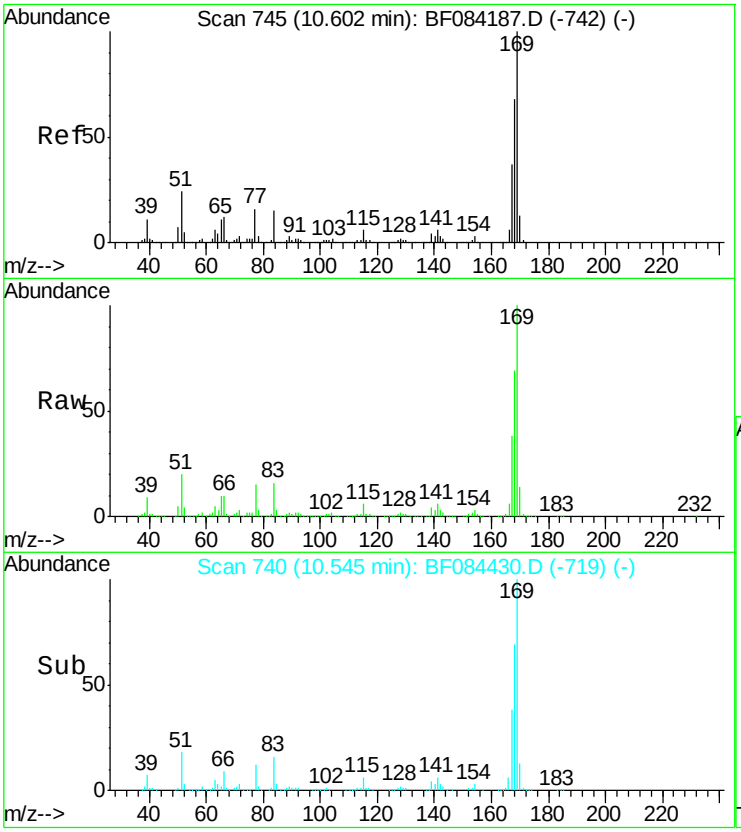




#64
4,6-Dinitro-2-methylphenol
Concen: 12.59 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:198 Resp: 40369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 25.7 | 18.9 | 58.9 |
| 105 | 31.5 | 26.4 | 66.4 |



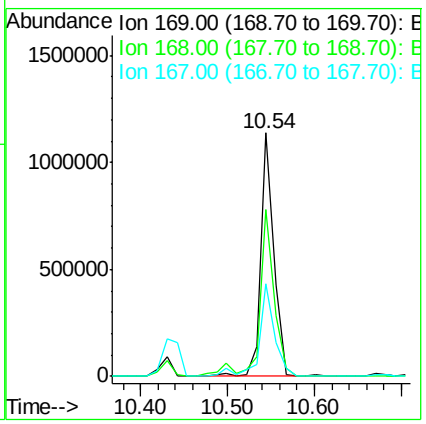


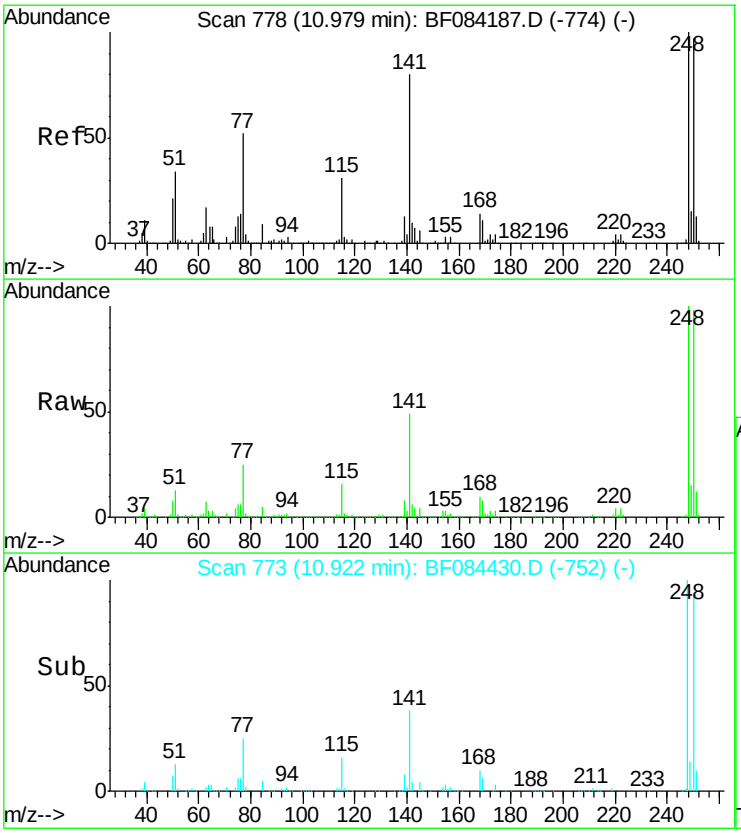

#65
n-Nitrosodiphenylamine
Concen: 47.47 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:169 Resp: 1203248

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.6 | 55.1 | 82.7 |
| 167 | 38.1 | 30.0 | 45.0 |

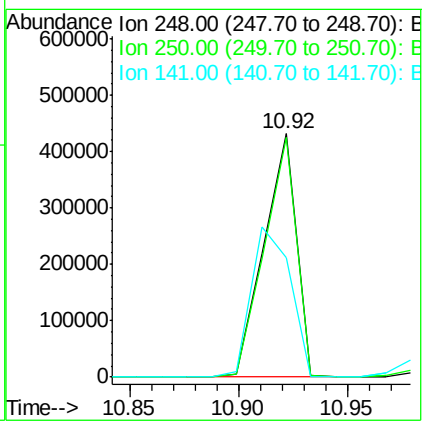


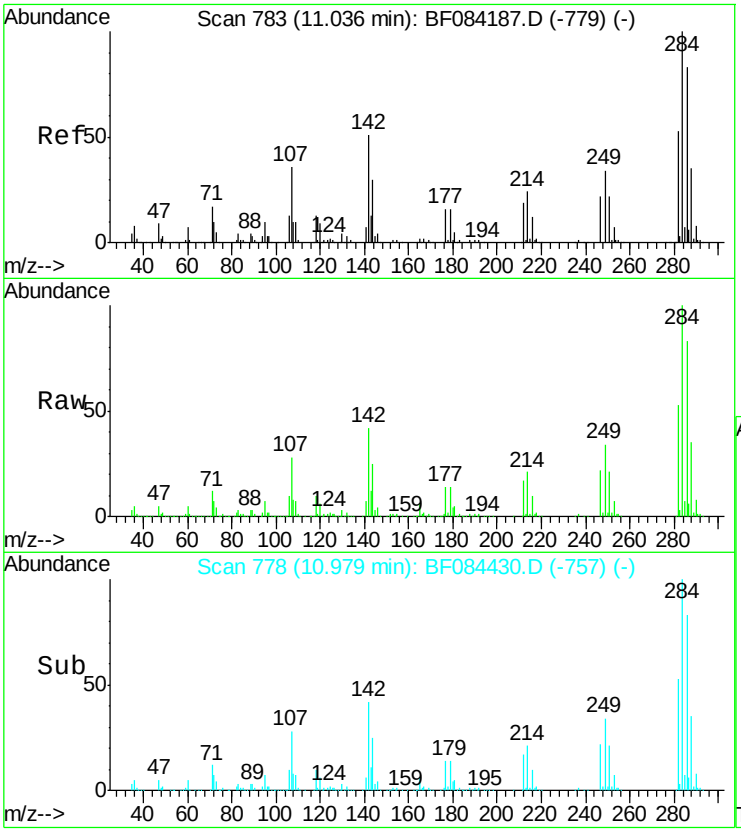




#66
4-Bromophenyl-phenylether
Concen: 53.09 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:248 Resp: 453033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.3 | 78.4 | 117.6 |
| 141 | 49.2 | 44.0 | 66.0 |



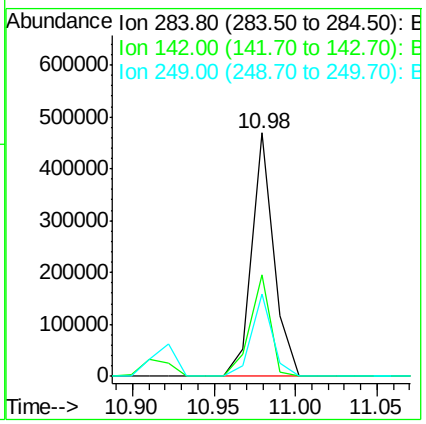


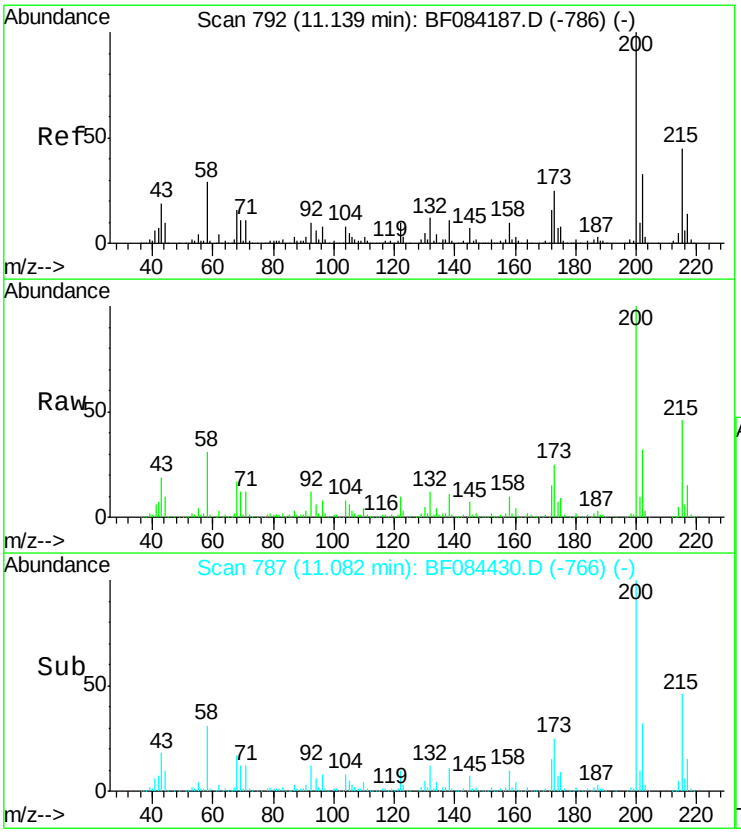

#67
Hexachlorobenzene
Concen: 45.60 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:284 Resp: 437959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 41.9 | 22.2 | 33.4# |
| 249 | 33.9 | 24.6 | 37.0 |

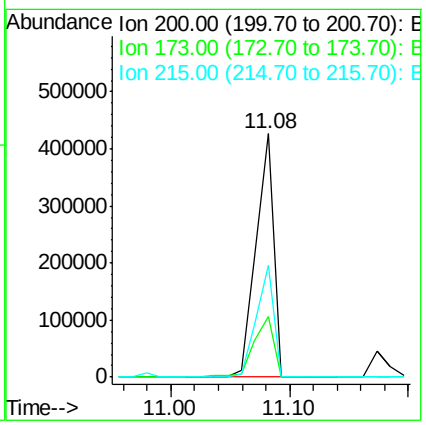


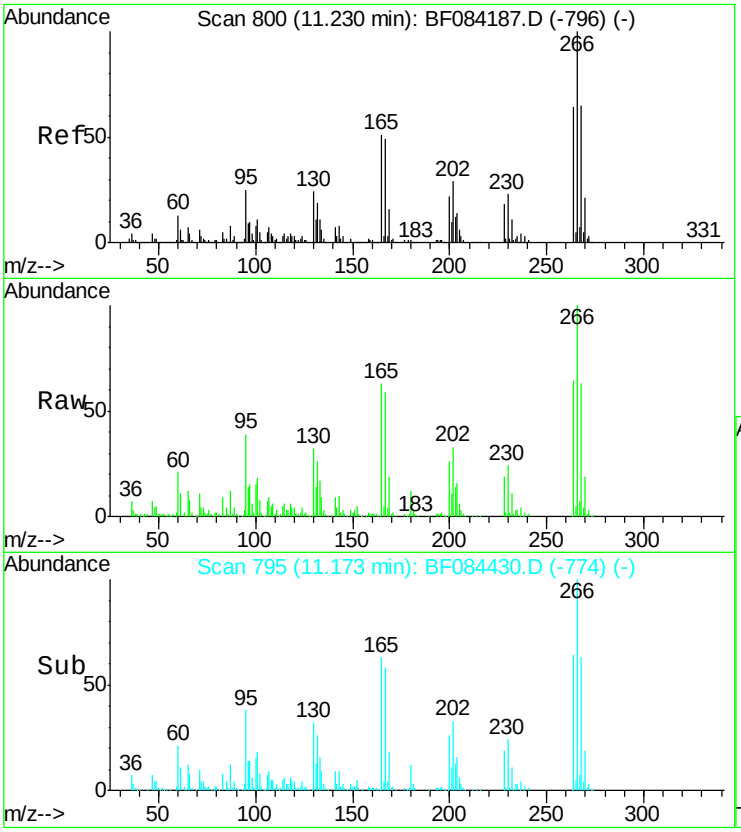




#68
Atrazine
Concen: 53.82 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:200 Resp: 446406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.9 | 9.5 | 49.5 |
| 215 | 46.0 | 23.8 | 63.8 |



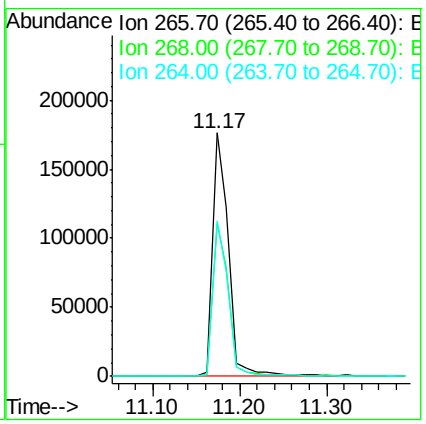


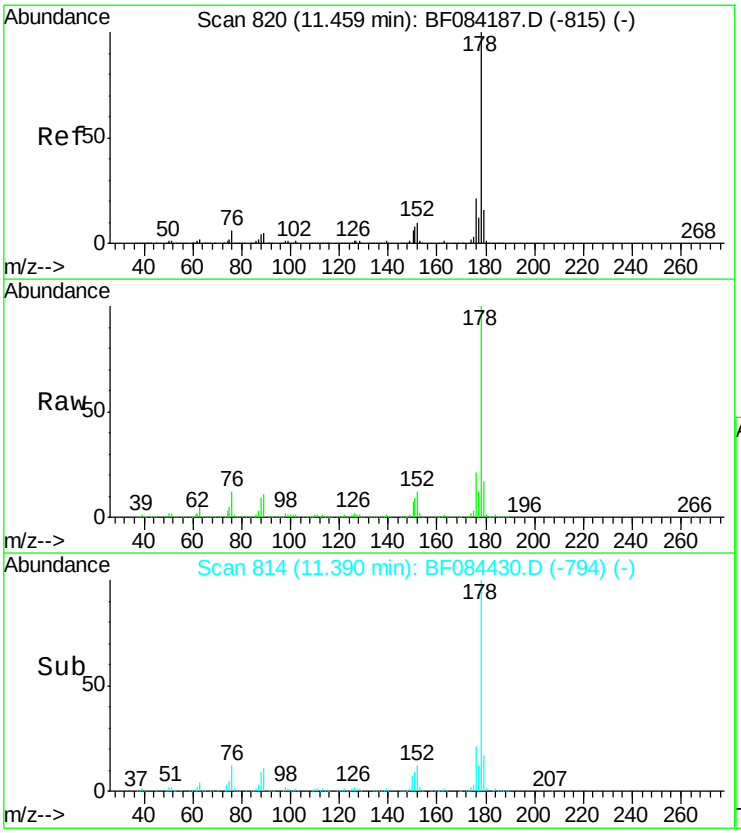

#69
Pentachlorophenol
Concen: 45.69 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:266 Resp: 227518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.5 | 52.4 | 78.6 |
| 264 | 63.5 | 50.2 | 75.2 |

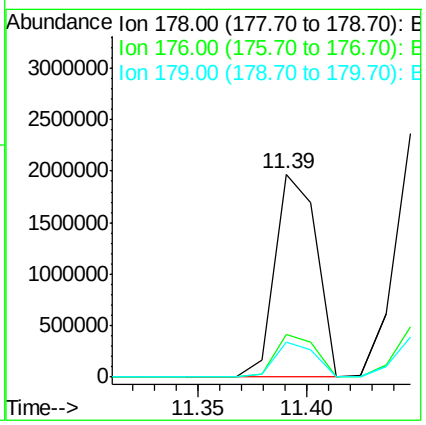


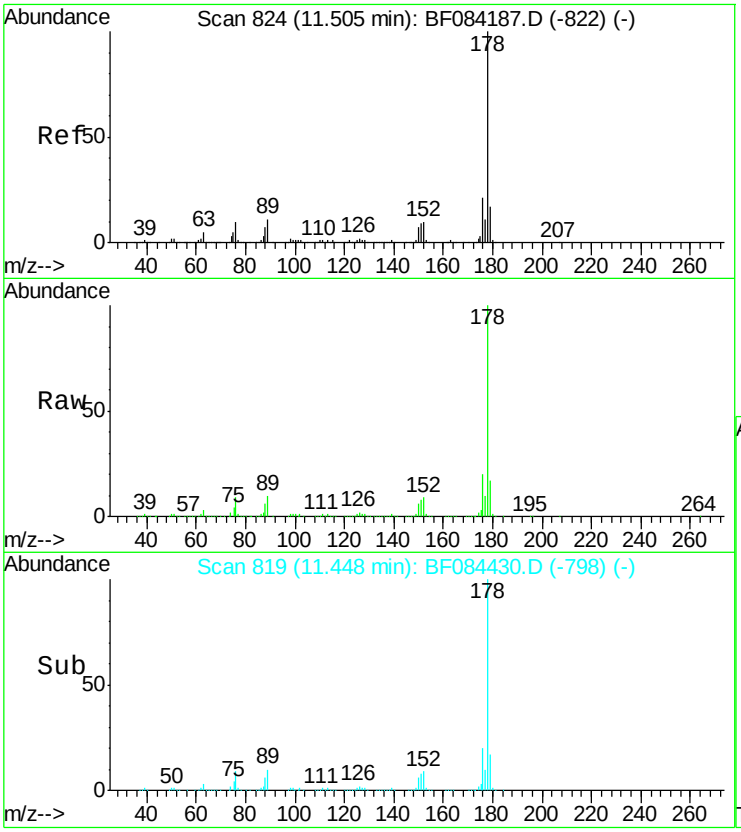




#70
Phenanthrene
Concen: 63.53 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:178 Resp: 2634726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.7 | 15.3 | 22.9 |
| 179 | 16.9 | 12.0 | 18.0 |



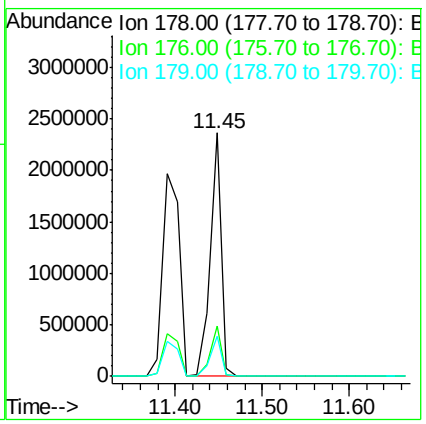


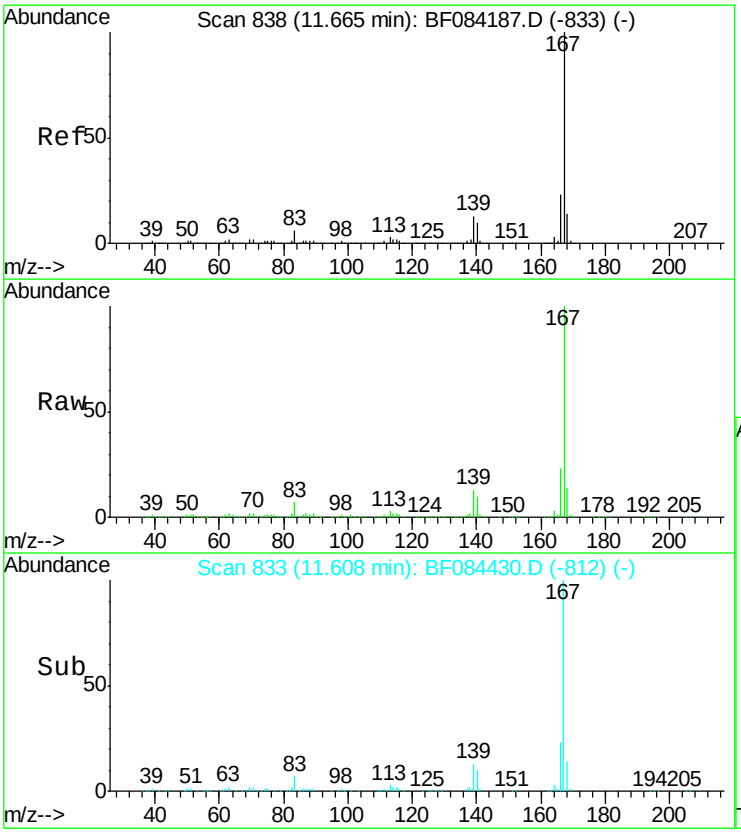

#71
Anthracene
Concen: 52.38 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:178 Resp: 2129292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.5 | 15.4 | 23.0 |
| 179 | 16.6 | 12.5 | 18.7 |

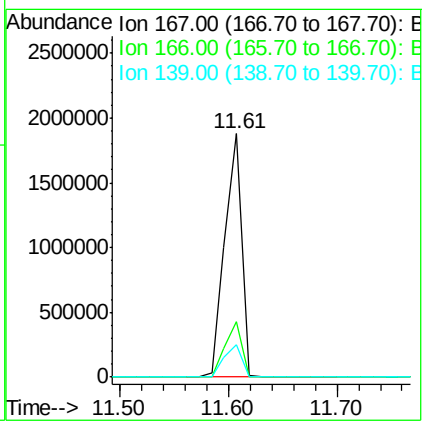


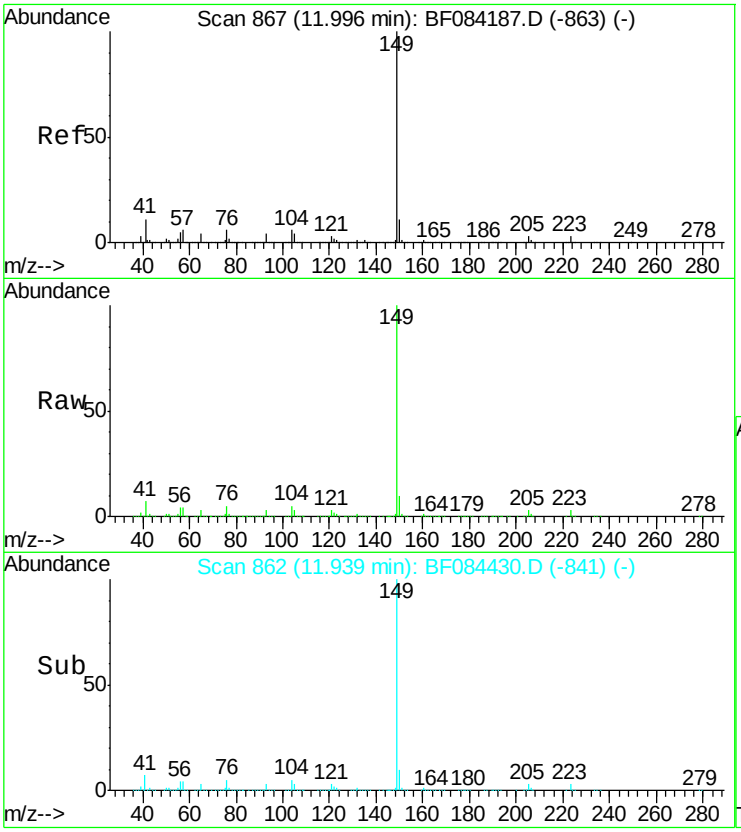




#72
Carbazole
Concen: 50.96 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:167 Resp: 2025229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.9 | 17.6 | 26.4 |
| 139 | 13.4 | 11.8 | 17.8 |



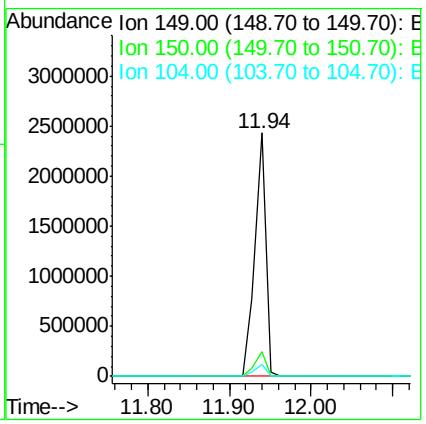


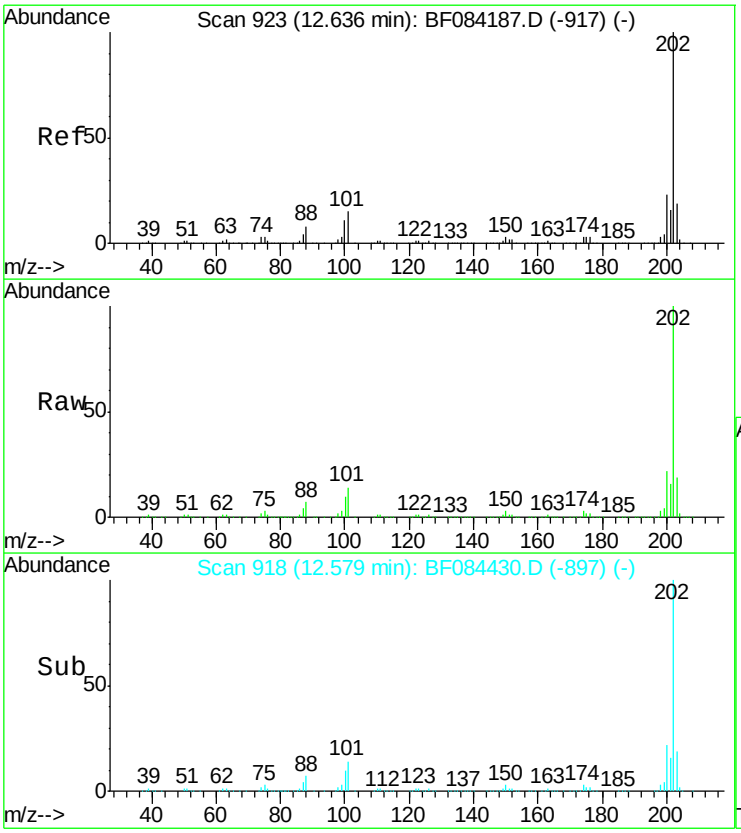

#73
Di-n-butylphthalate
Concen: 56.18 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:149 Resp: 2231904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.1 | 7.1 | 10.7 |
| 104 | 5.1 | 3.2 | 4.8# |

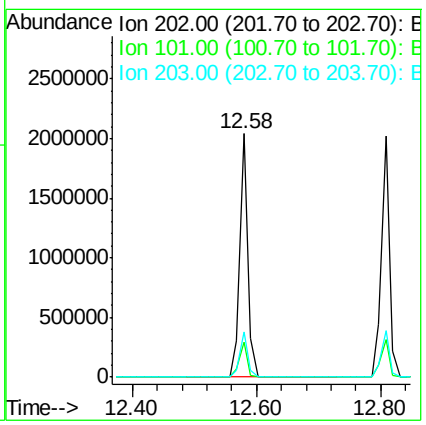


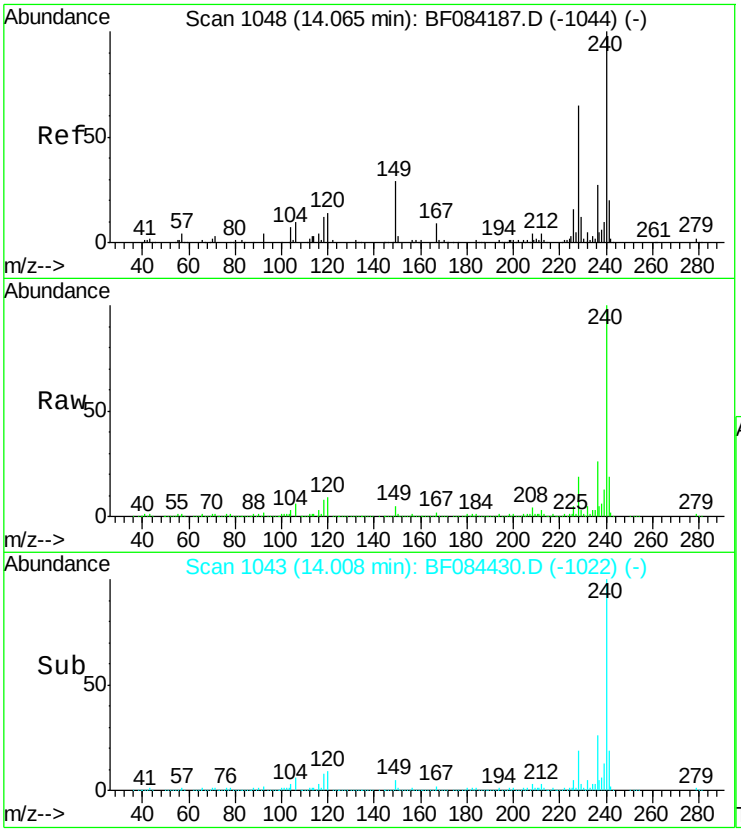




#74
Fluoranthene
Concen: 42.73 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:202 Resp: 1851149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.2 | 0.0 | 32.8 |
| 203 | 18.8 | 0.0 | 37.9 |



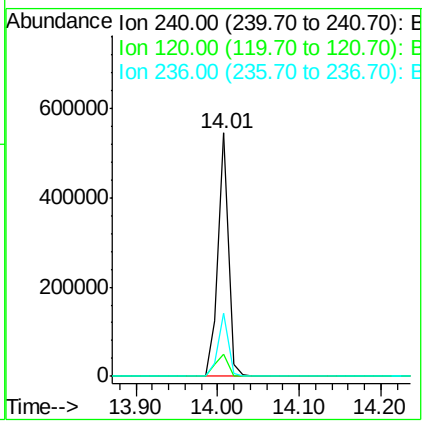


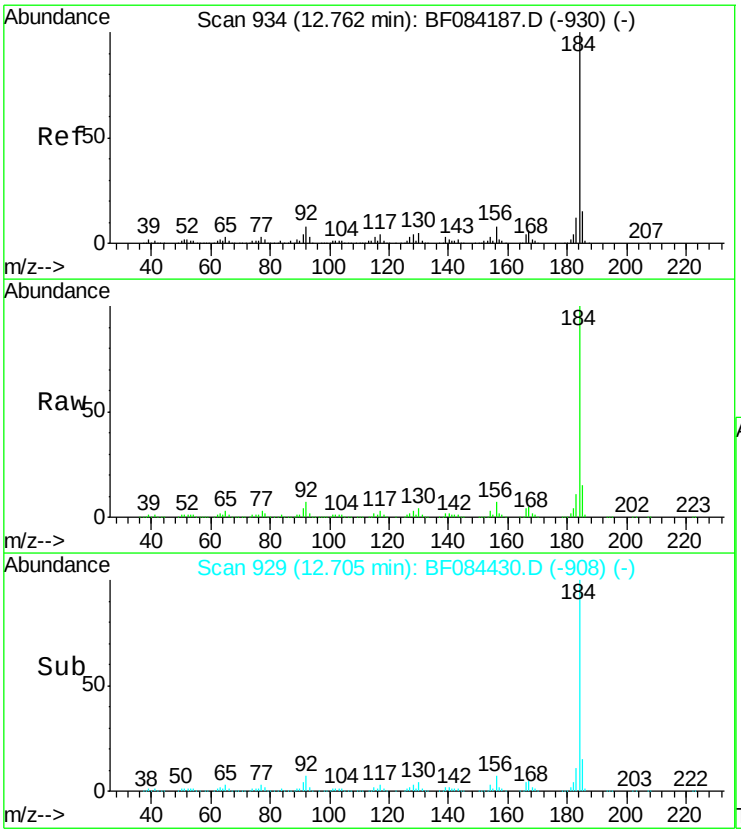

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:240 Resp: 485045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.0 | 9.5 | 14.3# |
| 236 | 25.8 | 20.6 | 31.0 |

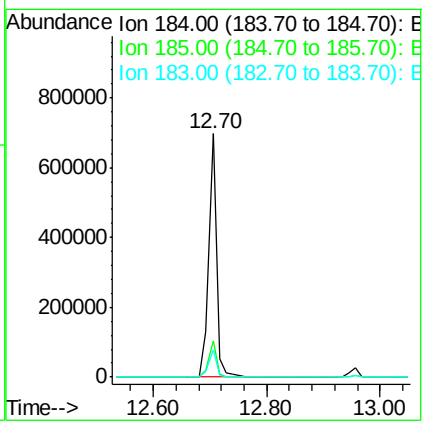


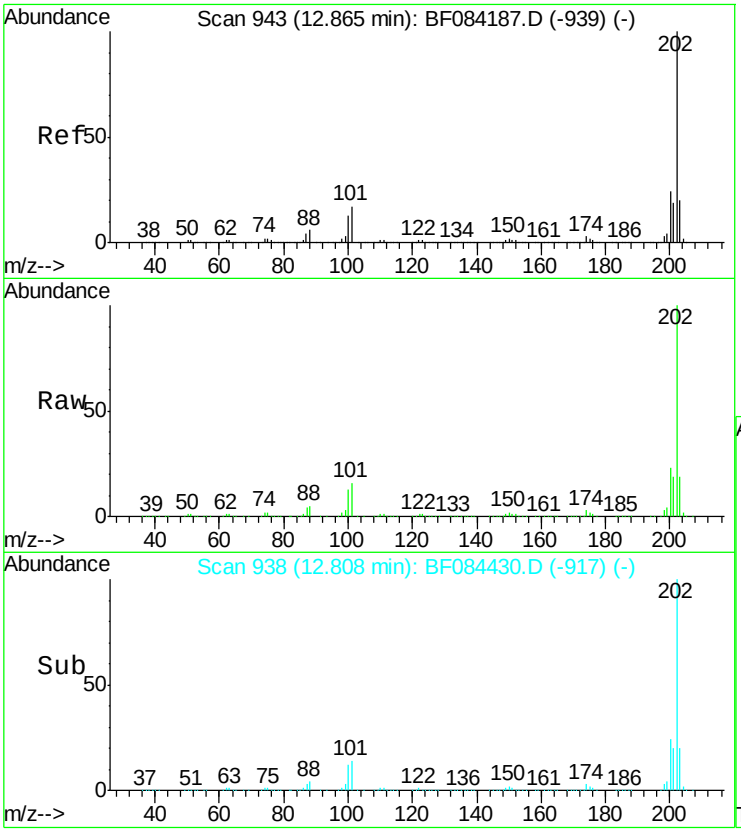




#76
Benzidine
Concen: 36.40 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:184 Resp: 633003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.8 | 12.2 | 18.2 |
| 183 | 11.3 | 9.8 | 14.8 |



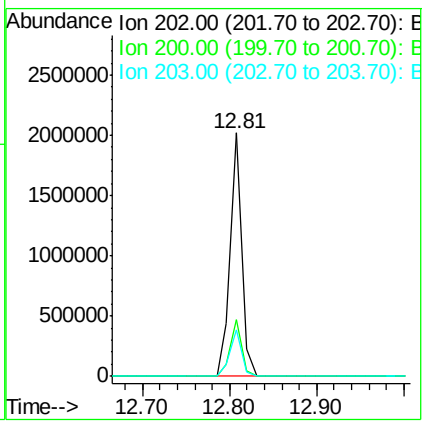


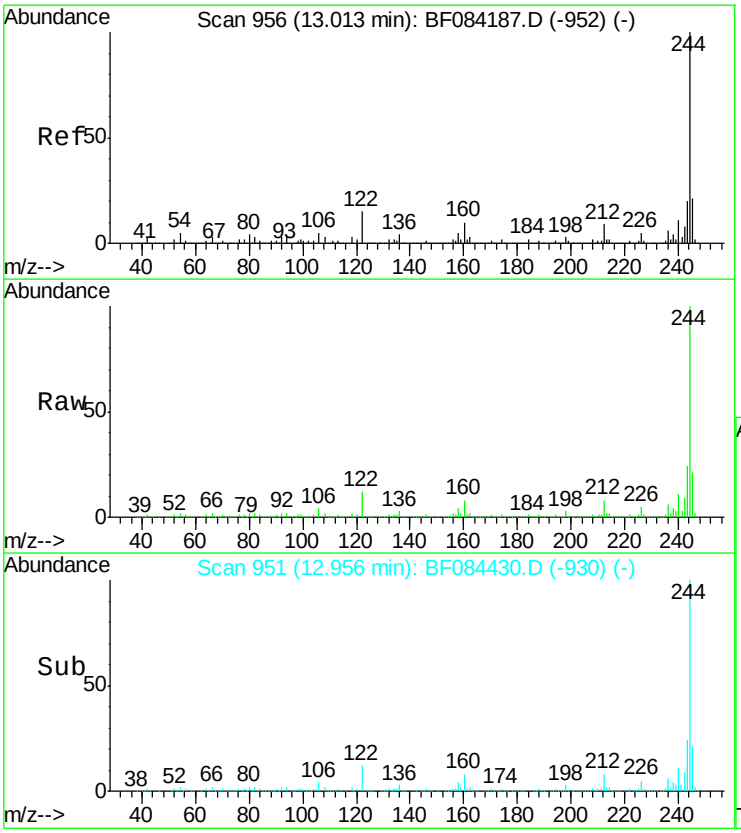

#77
Pyrene
Concen: 48.74 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:202 Resp: 1855311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.5 | 17.2 | 25.8 |
| 203 | 19.4 | 14.3 | 21.5 |

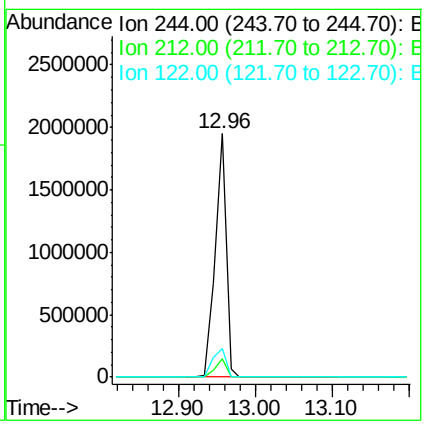


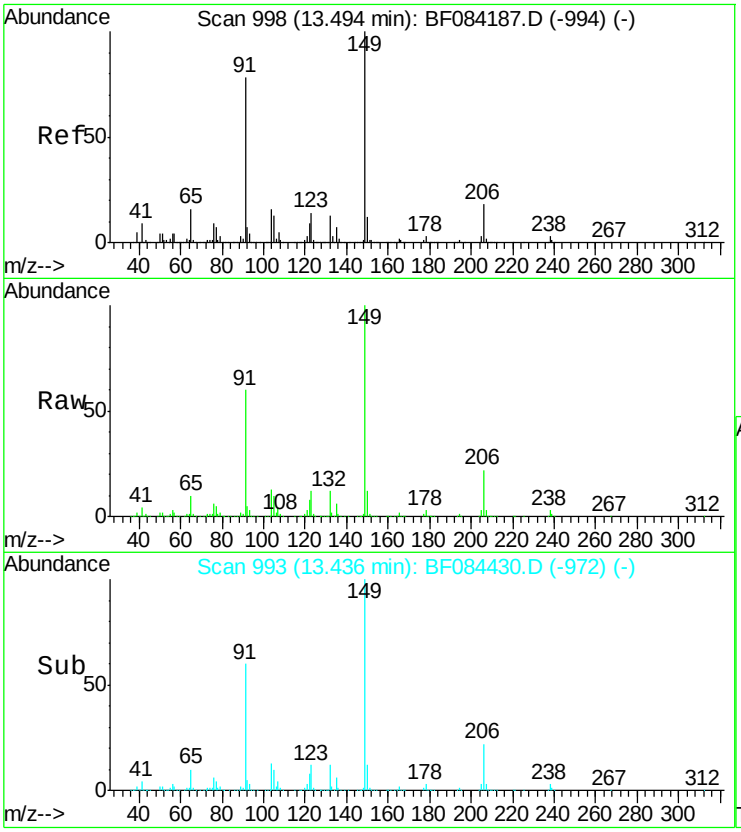




#78
Terphenyl-d14
Concen: 88.29 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:244 Resp: 1918451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 5.7 | 8.5 |
| 122 | 11.8 | 7.4 | 11.0# |



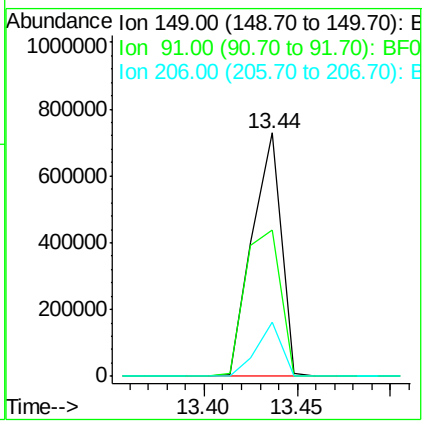


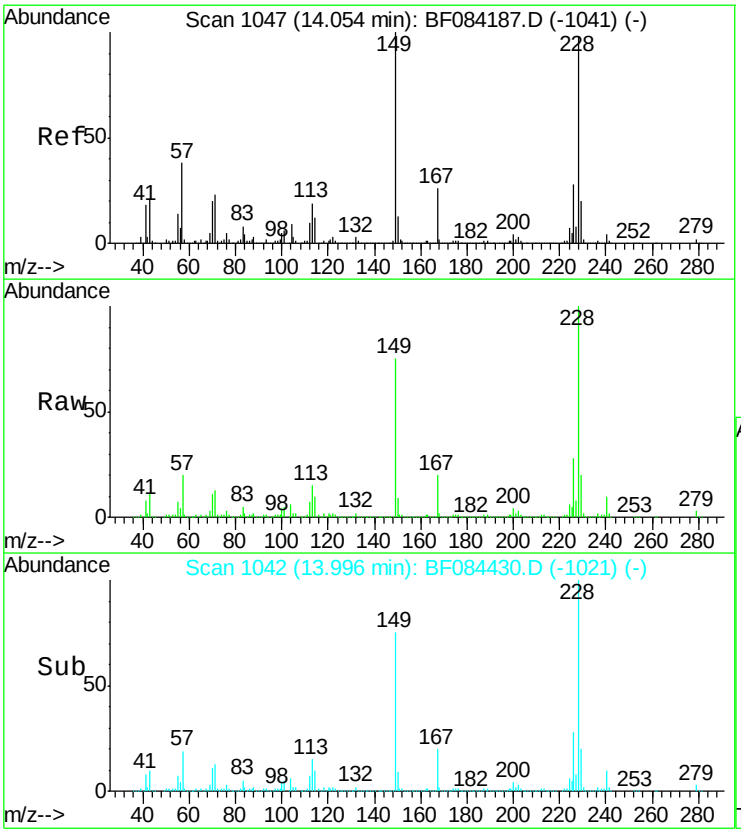

#79
Butylbenzylphthalate
Concen: 47.57 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:149 Resp: 783547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 60.3 | 57.6 | 86.4 |
| 206 | 22.1 | 13.2 | 19.8# |

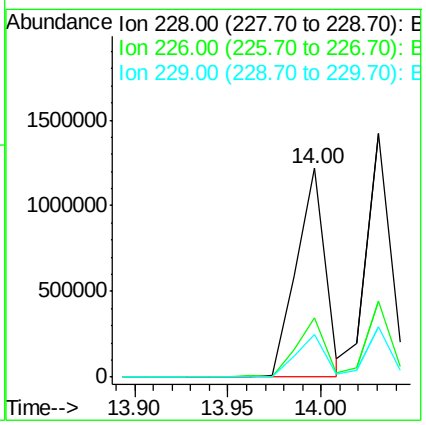


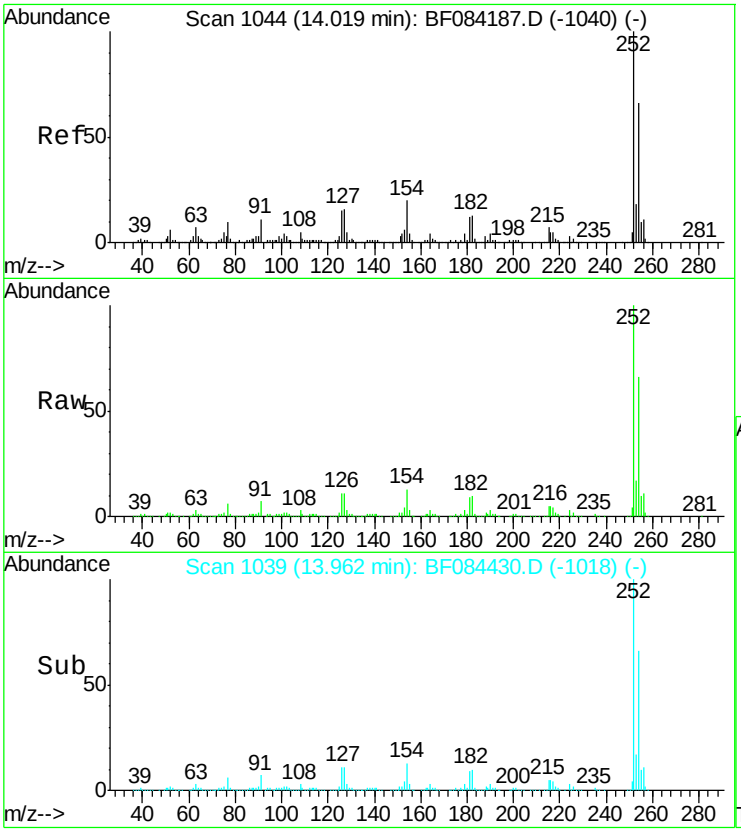




#80
Benzo(a)anthracene
Concen: 46.32 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:228 Resp: 1319095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 21.8 | 32.6 |
| 229 | 20.4 | 15.8 | 23.8 |



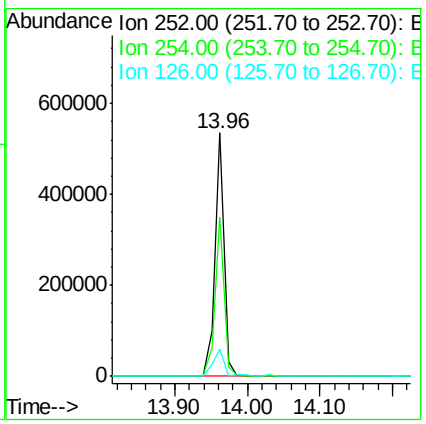


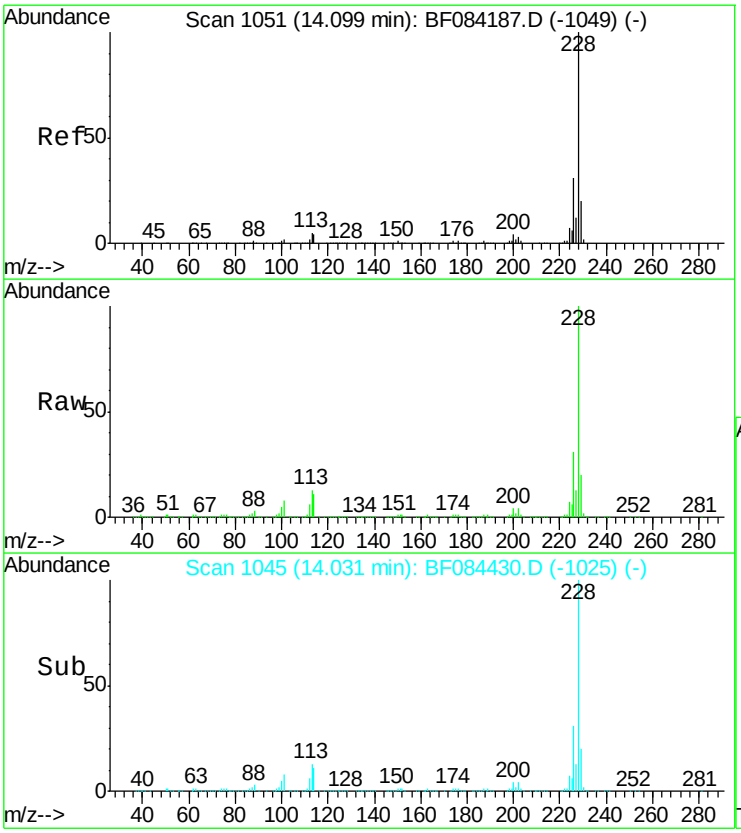

#81
3,3'-Dichlorobenzidine
Concen: 46.65 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:252 Resp: 463709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.6 | 53.5 | 80.3 |
| 126 | 11.0 | 4.9 | 7.3# |

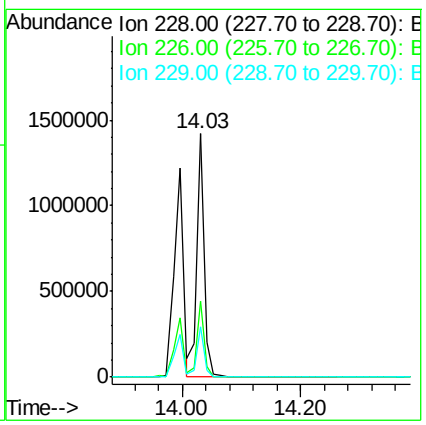


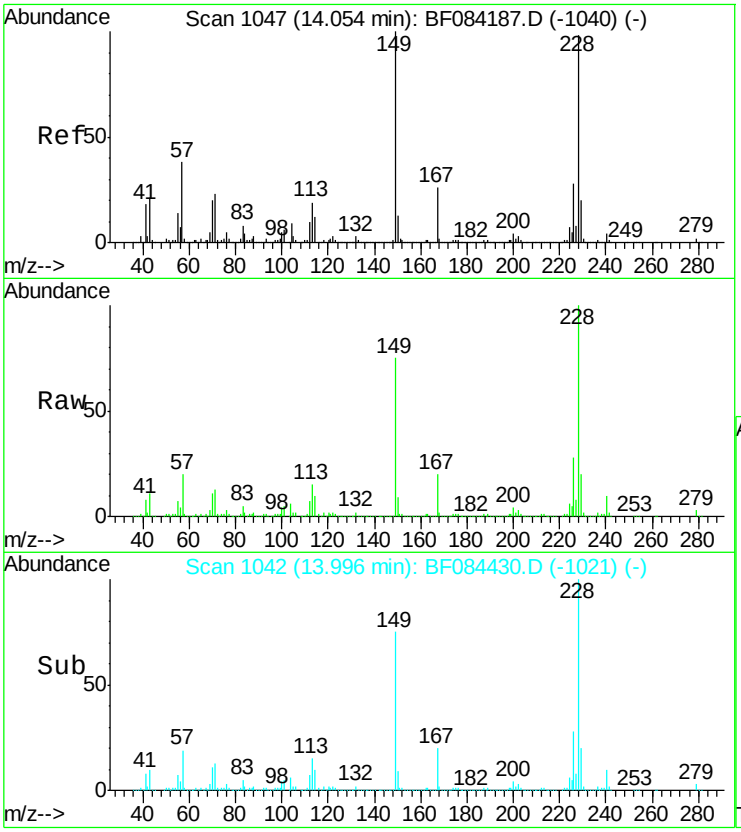




#82
Chrysene
Concen: 46.78 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:228 Resp: 1280183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.2 | 24.3 | 36.5 |
| 229 | 20.4 | 16.1 | 24.1 |



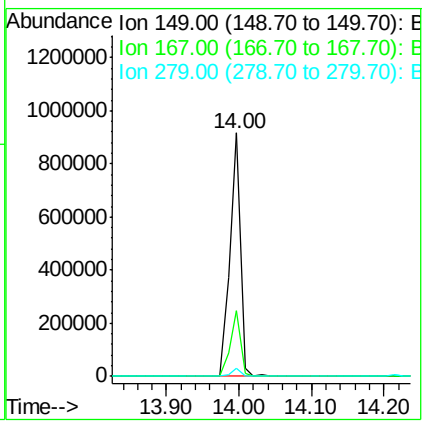


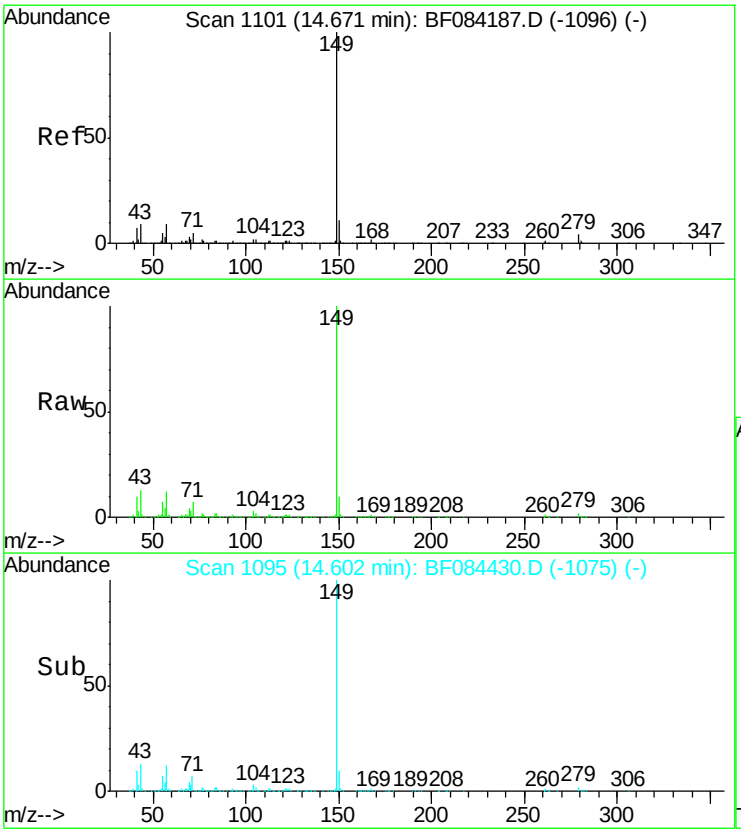

#83
Bis(2-ethylhexyl)phthalate
Concen: 44.03 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:149 Resp: 916209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.1 | 19.7 | 29.5 |
| 279 | 3.5 | 1.8 | 2.6# |

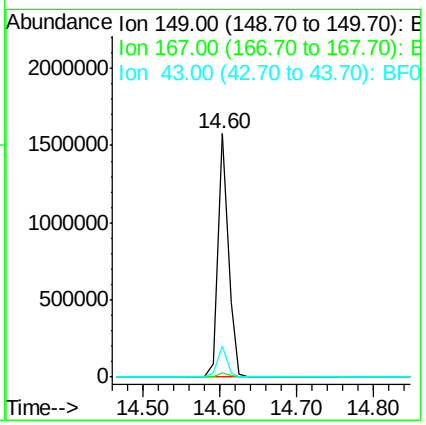


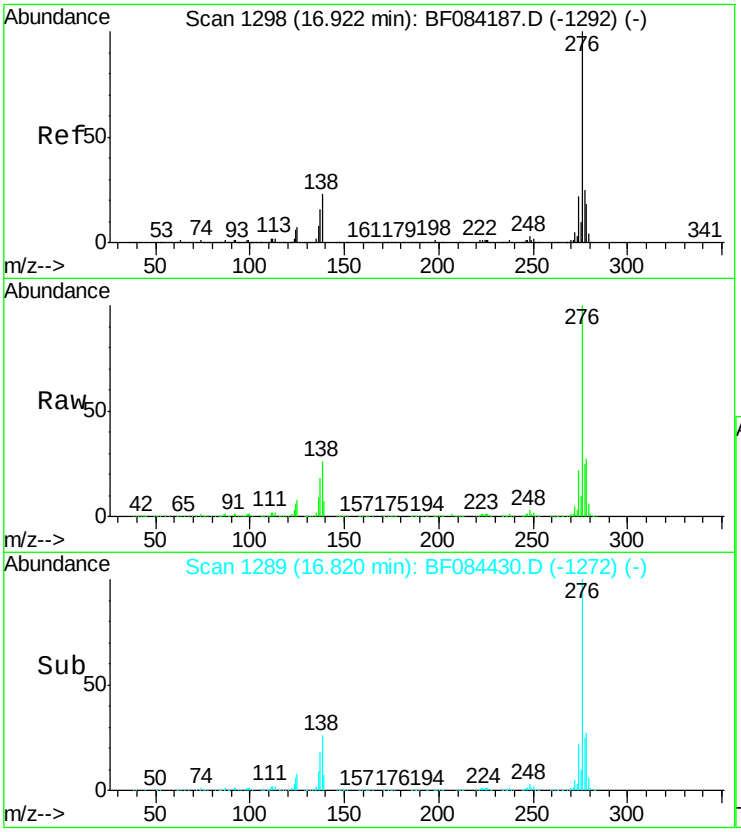




#84
Di-n-octyl phthalate
Concen: 42.50 ng
RT: 14.60 min Scan# 1095
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:149 Resp: 1493120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.2 | 1.8 |
| 43 | 12.0 | 5.6 | 8.4# |



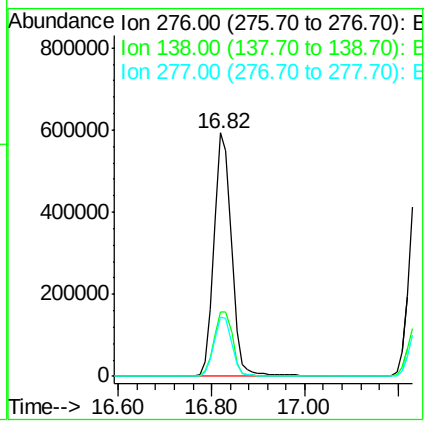


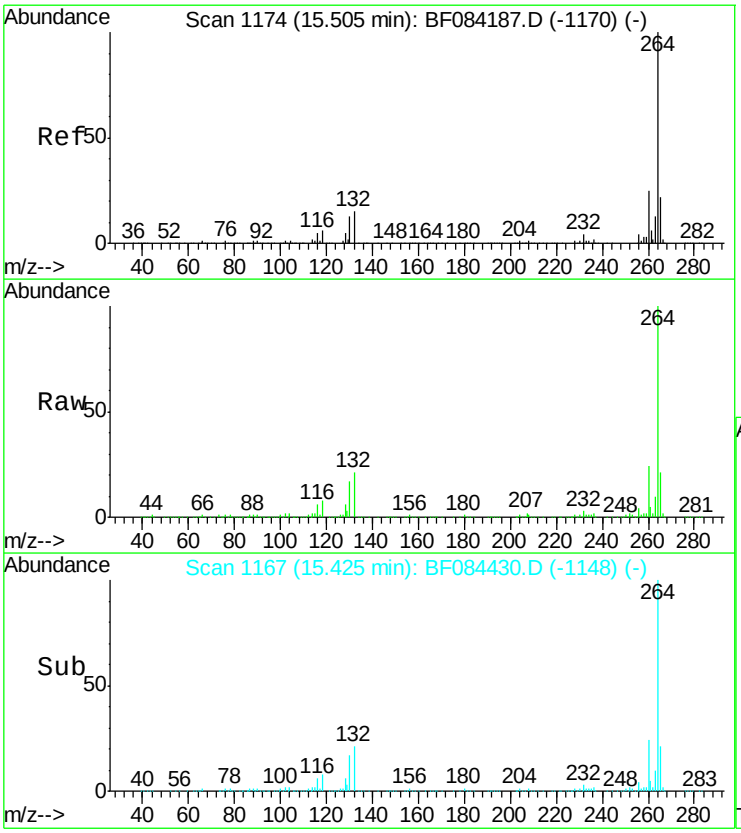

#85
Indeno(1,2,3-cd)pyrene
Concen: 71.63 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.10 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:276 Resp: 1553888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.2 | 20.6 | 30.8 |
| 277 | 25.2 | 20.1 | 30.1 |

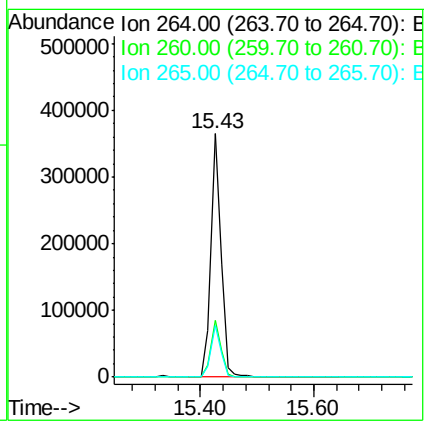


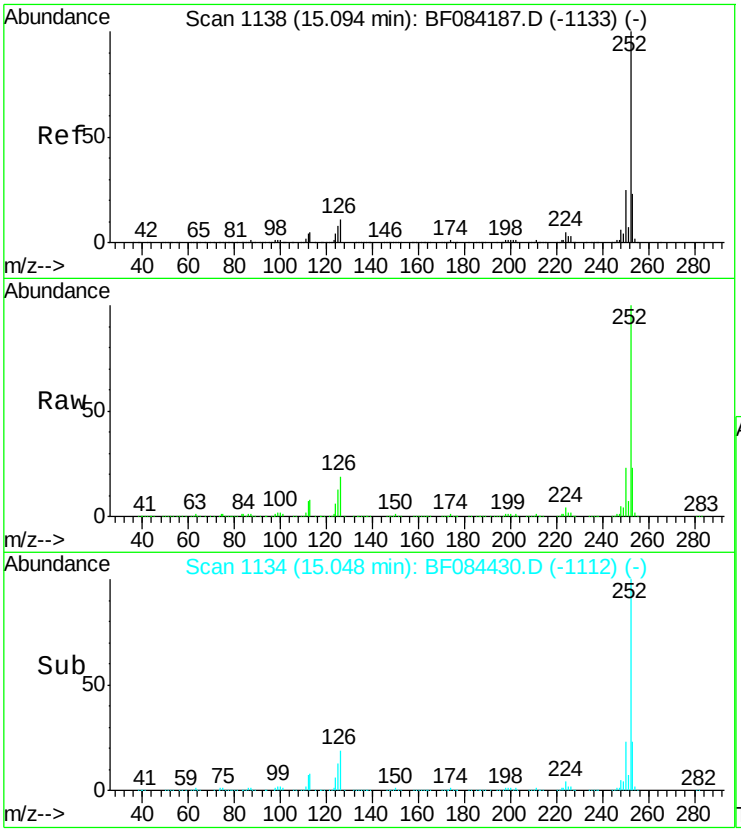




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:264 Resp: 437158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.4 | 29.2 |
| 265 | 21.1 | 17.8 | 26.6 |



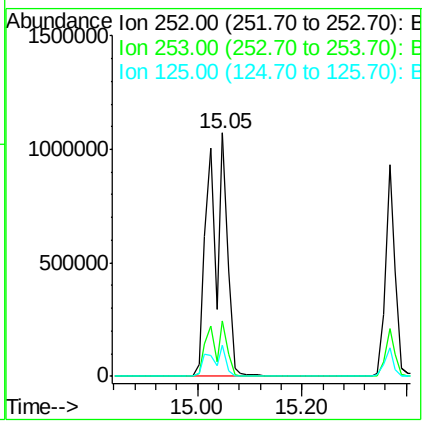


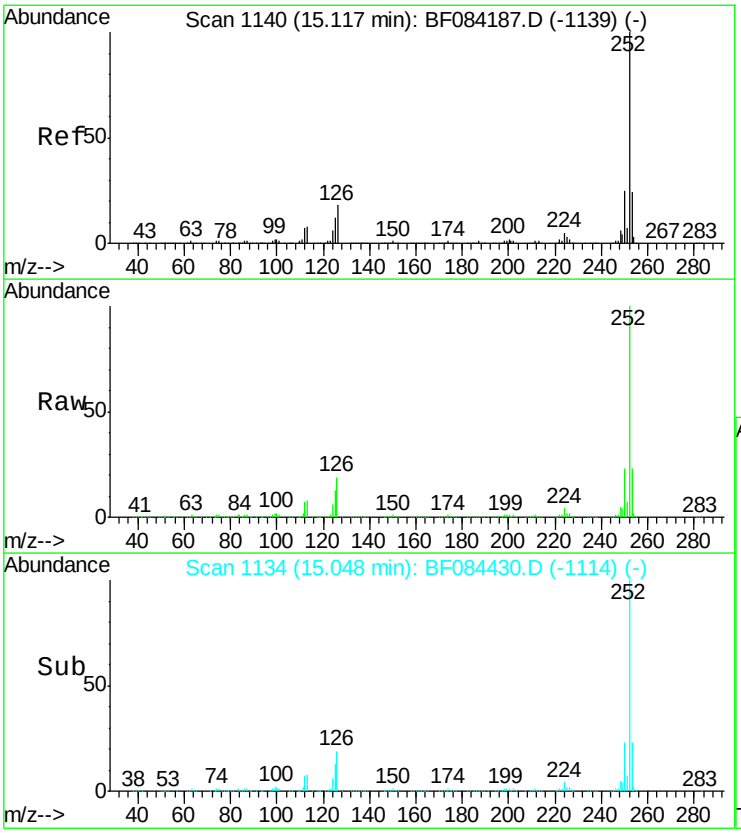

#87
Benzo(b)fluoranthene
Concen: 86.45 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:252 Resp: 2472054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 17.3 | 25.9 |
| 125 | 12.9 | 6.5 | 9.7# |

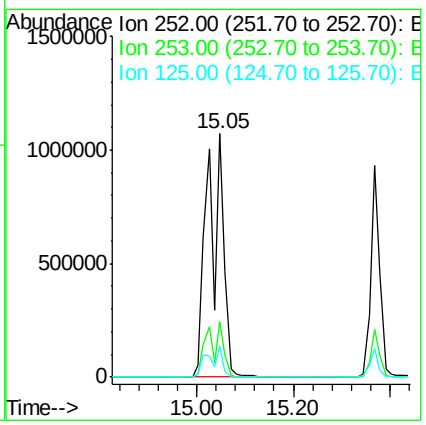


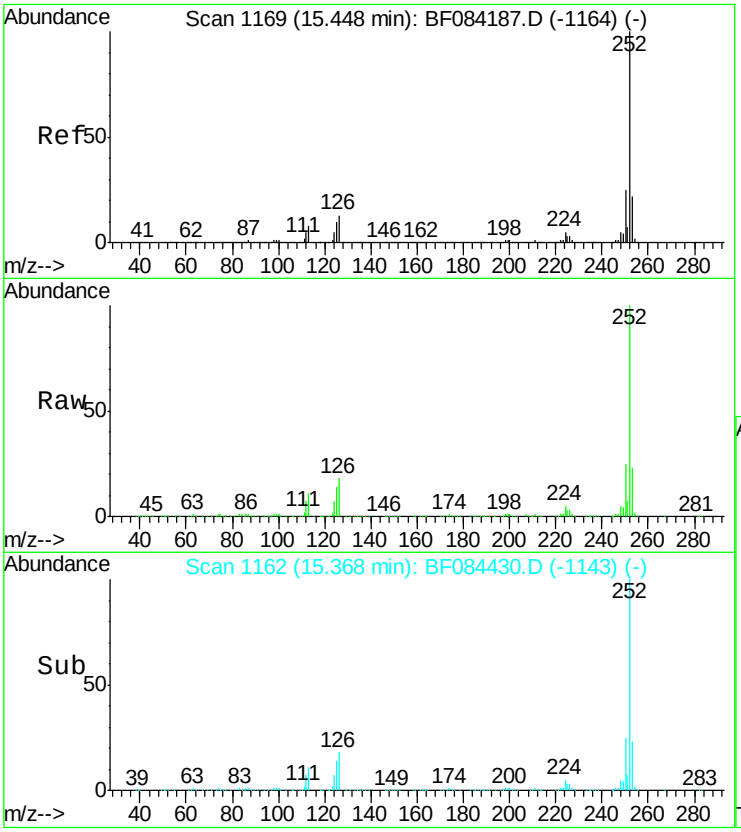




#88
Benzo(k)fluoranthene
Concen: 105.75 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.07 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:252 Resp: 2473217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.1 | 27.1 |
| 125 | 12.9 | 9.0 | 13.6 |



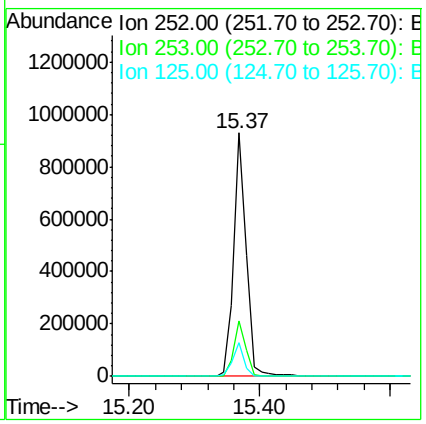


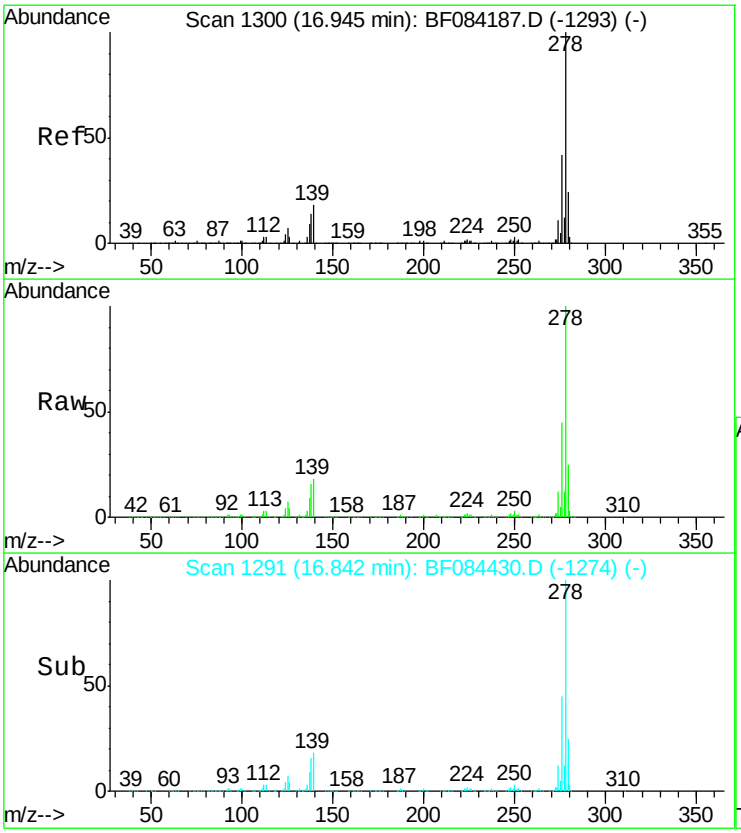

#89
Benzo(a)pyrene
Concen: 49.86 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.08 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:252 Resp: 1209468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.3 | 25.9 |
| 125 | 13.8 | 7.0 | 10.4# |

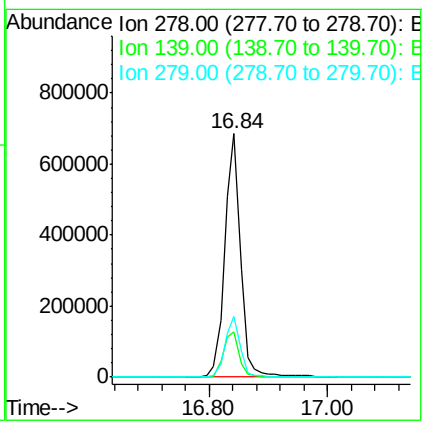


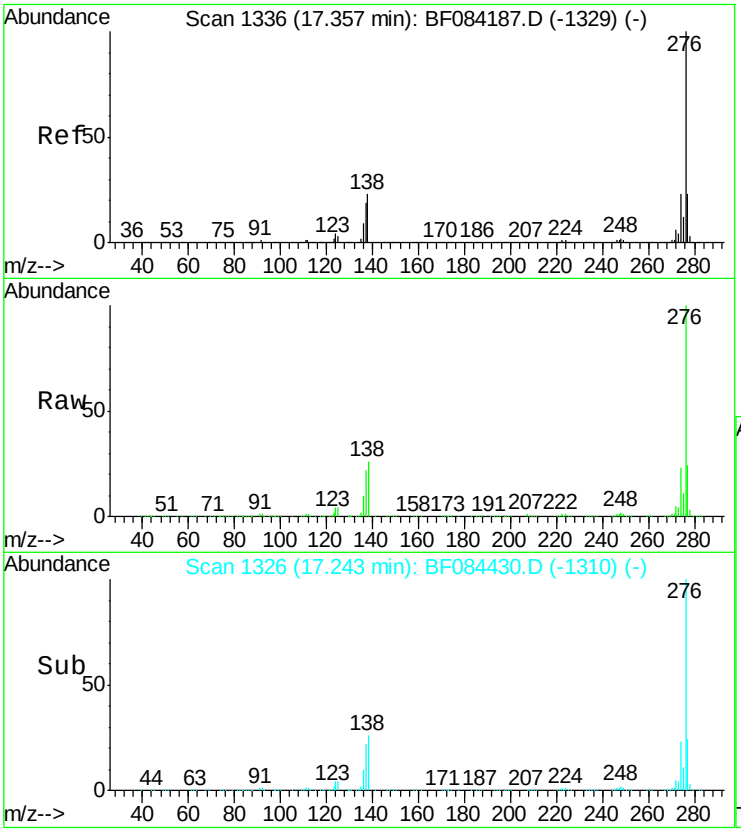




#90
Dibenzo(a,h)anthracene
Concen: 60.31 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.10 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

Tgt Ion:278 Resp: 1258802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.5 | 15.0 | 22.4 |
| 279 | 25.1 | 18.9 | 28.3 |






#91
Benzo(g,h,i)perylene
Concen: 62.72 ng
RT: 17.24 min Scan# 1326
Delta R.T. -0.11 min
Lab File: BF084430.D
Acq: 13 Jan 2016 1:02

**Instrument :**
BNA_F
**ClientSampleId :**
RX2MSD

Tgt Ion:276 Resp: 1355749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 18.8 | 28.2 |
| 138 | 25.8 | 17.8 | 26.6 |