Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082635.D
Acq On : 2 Nov 2015 17:10
Operator : UM/IZ
Sample : PB86380BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB86380BS

Quant Time: Nov 03 02:27:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 213292 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.18 | 136 | 791364 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.94 | 164 | 403869 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.41 | 188 | 718034 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 14.08 | 240 | 685828 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.56 | 264 | 586375 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 1674883 | 118.27 | ng | | 0.00 |
| 7) Phenol-d6 | 6.52 | 99 | 2013730 | 107.04 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.45 | 82 | 1457843 | 75.23 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.73 | 330 | 574349 | 129.94 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.26 | 172 | 2209421 | 77.67 | ng | | -0.01 |
| 78) Terphenyl-d14 | 13.01 | 244 | 2451703 | 78.23 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.61 | 88 | 211587 | 32.32 | ng | | 93 |
| 3) Pyridine | 3.33 | 79 | 660020 | 34.39 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.28 | 42 | 351059 | 32.49 | ng | | 92 |
| 6) Aniline | 6.54 | 93 | 606094 | 23.14 | ng | | 97 |
| 8) 2-Chlorophenol | 6.67 | 128 | 528902 | 34.52 | ng | # | 79 |
| 9) Benzaldehyde | 6.43 | 77 | 229036 | 17.83 | ng | | 87 |
| 10) Phenol | 6.53 | 94 | 829027 | 38.89 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.62 | 93 | 597356 | 37.98 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 7.06 | 146 | 577624 | 33.06 | ng | | 95 |
| 13) 1,4-Dichlorobenzene | 6.83 | 146 | 650785 | 37.56 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 7.06 | 146 | 577552 | 35.91 | ng | | 95 |
| 15) Benzyl Alcohol | 7.02 | 79 | 617042 | 35.17 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45 | 891019 | 35.65 | ng | | 97 |
| 17) 2-Methylphenol | 7.15 | 107 | 496243 | 38.09 | ng | | 94 |
| 18) Hexachloroethane | 7.40 | 117 | 233506 | 34.53 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70 | 506557 | 35.52 | ng | # | 87 |
| 20) 3+4-Methylphenols | 7.30 | 107 | 609008 | 35.97 | ng | | 92 |
| 22) Acetophenone | 7.30 | 105 | 804530 | 34.53 | ng | # | 84 |
| 24) Nitrobenzene | 7.47 | 77 | 745047 | 38.03 | ng | | 91 |
| 25) Isophorone | 7.71 | 82 | 1241031 | 34.81 | ng | | 98 |
| 26) 2-Nitrophenol | 7.79 | 139 | 300411 | 41.98 | ng | # | 78 |
| 27) 2,4-Dimethylphenol | 7.84 | 122 | 538326 | 38.54 | ng | | 90 |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93 | 748654 | 38.39 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.03 | 162 | 480661 | 37.75 | ng | | 90 |
| 30) 1,2,4-Trichlorobenzene | 8.12 | 180 | 530890 | 37.57 | ng | | 95 |
| 31) Naphthalene | 8.20 | 128 | 1613405 | 37.68 | ng | | 99 |
| 32) Benzoic acid | 7.95 | 122 | 343920 | 33.94 | ng | | 96 |
| 33) 4-Chloroaniline | 8.25 | 127 | 278165 | 15.22 | ng | # | 83 |
| 34) Hexachlorobutadiene | 8.33 | 225 | 353282 | 39.31 | ng | | 99 |
| 35) Caprolactam | 8.61 | 113 | 115036 | 29.45 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 8.73 | 107 | 544049 | 36.29 | ng | | 97 |
| 37) 2-Methylnaphthalene | 8.89 | 142 | 1014998 | 36.57 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 475343 | 35.27 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 9.06 | 237 | 734381 | 86.68 | ng | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082635.D
Acq On : 2 Nov 2015 17:10
Operator : UM/IZ
Sample : PB86380BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB86380BS

Quant Time: Nov 03 02:27:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.17 | 196 | 394681 | 40.56 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.21 | 196 | 353623 | 36.47 | ng | | 94 |
| 45) 1,1'-Biphenyl | 9.36 | 154 | 1212189 | 35.53 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.38 | 162 | 971729 | 36.48 | ng | | 95 |
| 47) 2-Nitroaniline | 9.47 | 65 | 402872 | 38.91 | ng | | 91 |
| 48) Acenaphthylene | 9.80 | 152 | 1634137 | 38.35 | ng | | 99 |
| 49) Dimethylphthalate | 9.66 | 163 | 1301549 | 39.46 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.71 | 165 | 254506 | 37.23 | ng | # | 77 |
| 51) Acenaphthene | 9.97 | 154 | 1183238 | 43.75 | ng | | 95 |
| 52) 3-Nitroaniline | 9.88 | 138 | 169450 | 22.28 | ng | # | 74 |
| 53) 2,4-Dinitrophenol | 9.98 | 184 | 262136 | 72.65 | ng | # | 35 |
| 54) Dibenzofuran | 10.14 | 168 | 1512141 | 41.20 | ng | | 94 |
| 55) 4-Nitrophenol | 10.04 | 139 | 406480 | 71.03 | ng | # | 80 |
| 56) 2,4-Dinitrotoluene | 10.12 | 165 | 400217 | 43.29 | ng | # | 78 |
| 57) Fluorene | 10.49 | 166 | 1185071 | 40.03 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.26 | 232 | 332476 | 40.57 | ng | | 90 |
| 59) Diethylphthalate | 10.36 | 149 | 1214687 | 36.17 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.48 | 204 | 529580 | 36.80 | ng | # | 84 |
| 61) 4-Nitroaniline | 10.50 | 138 | 283528 | 39.06 | ng | | 83 |
| 62) Azobenzene | 10.64 | 77 | 1449039 | 38.27 | ng | | 90 |
| 64) 4,6-Dinitro-2-methylphenol | 10.52 | 198 | 179550 | 41.46 | ng | # | 47 |
| 65) n-Nitrosodiphenylamine | 10.59 | 169 | 943112 | 38.21 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.97 | 248 | 350829 | 43.11 | ng | # | 83 |
| 67) Hexachlorobenzene | 11.04 | 284 | 402609 | 44.62 | ng | # | 70 |
| 68) Atrazine | 11.13 | 200 | 380830 | 47.16 | ng | | 95 |
| 69) Pentachlorophenol | 11.23 | 266 | 476609 | 80.11 | ng | | 98 |
| 70) Phenanthrene | 11.45 | 178 | 1824125 | 45.04 | ng | | 99 |
| 71) Anthracene | 11.49 | 178 | 1594897 | 39.11 | ng | | 100 |
| 72) Carbazole | 11.64 | 167 | 1362477 | 38.36 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.99 | 149 | 1767914 | 39.10 | ng | | 100 |
| 74) Fluoranthene | 12.64 | 202 | 1791752 | 43.28 | ng | | 95 |
| 76) Benzidine | 12.75 | 184 | 661061 | 21.37 | ng | | 99 |
| 77) Pyrene | 12.87 | 202 | 1822070 | 35.88 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.49 | 149 | 870022 | 39.11 | ng | # | 83 |
| 80) Benzo(a)anthracene | 14.07 | 228 | 1664765 | 38.21 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 14.03 | 252 | 329851 | 21.97 | ng | # | 96 |
| 82) Chrysene | 14.10 | 228 | 1385845 | 35.10 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149 | 1149953 | 39.88 | ng | # | 97 |
| 84) Di-n-octyl phthalate | 14.72 | 149 | 1796887 | 39.95 | ng | | 99 |
| 85) Indeno(1,2,3-cd)pyrene | 16.99 | 276 | 1307760 | 40.13 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 15.15 | 252 | 1602494 | 39.63 | ng | # | 98 |
| 88) Benzo(k)fluoranthene | 15.15 | 252 | 1602494 | 52.02 | ng | # | 99 |
| 89) Benzo(a)pyrene | 15.51 | 252 | 1319328 | 41.43 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 17.01 | 278 | 1088319 | 36.63 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.43 | 276 | 1038652 | 36.07 | ng | | 100 |

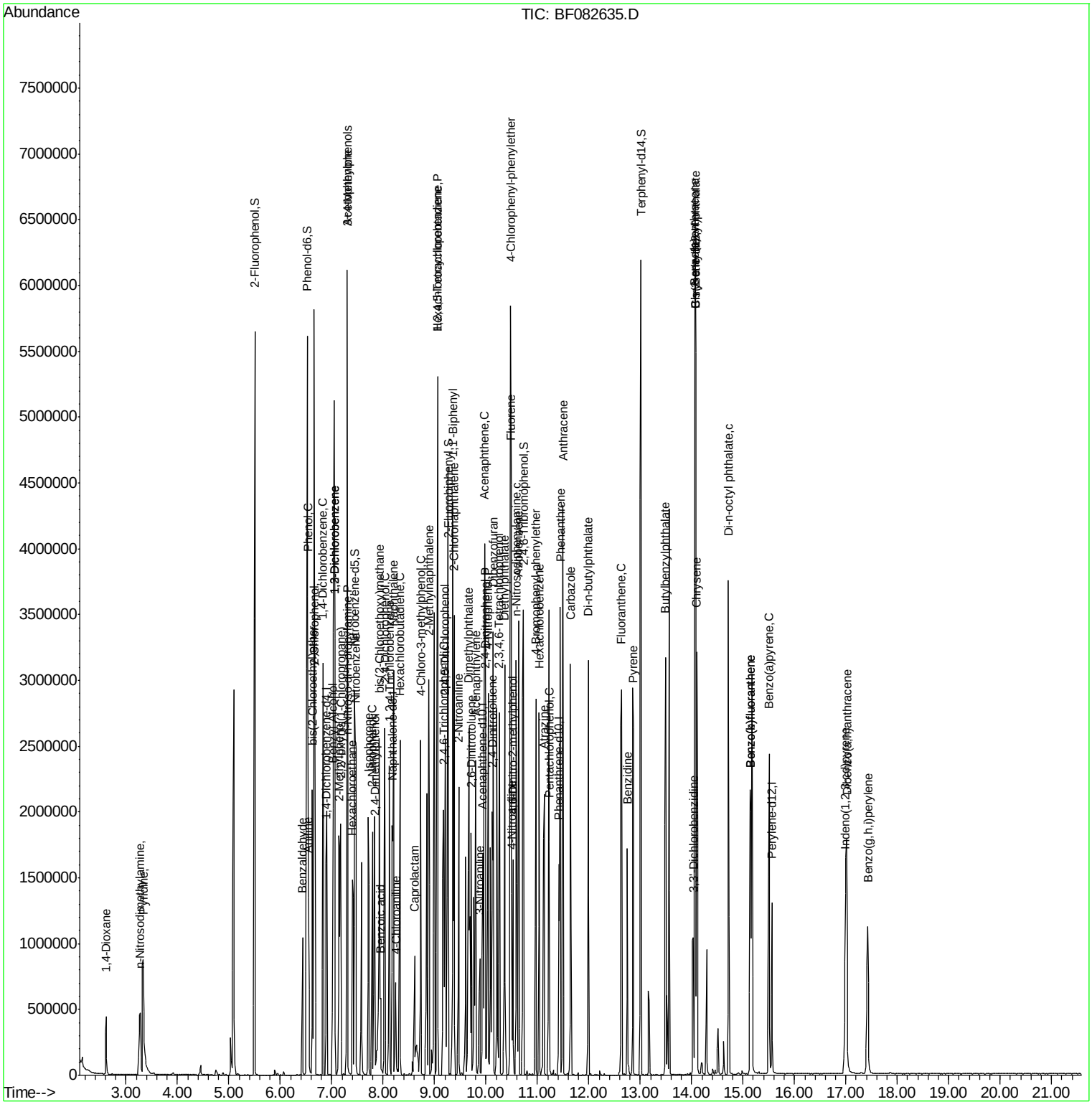
(#) = qualifier out of range (m) = manual integration (+) = signals summed

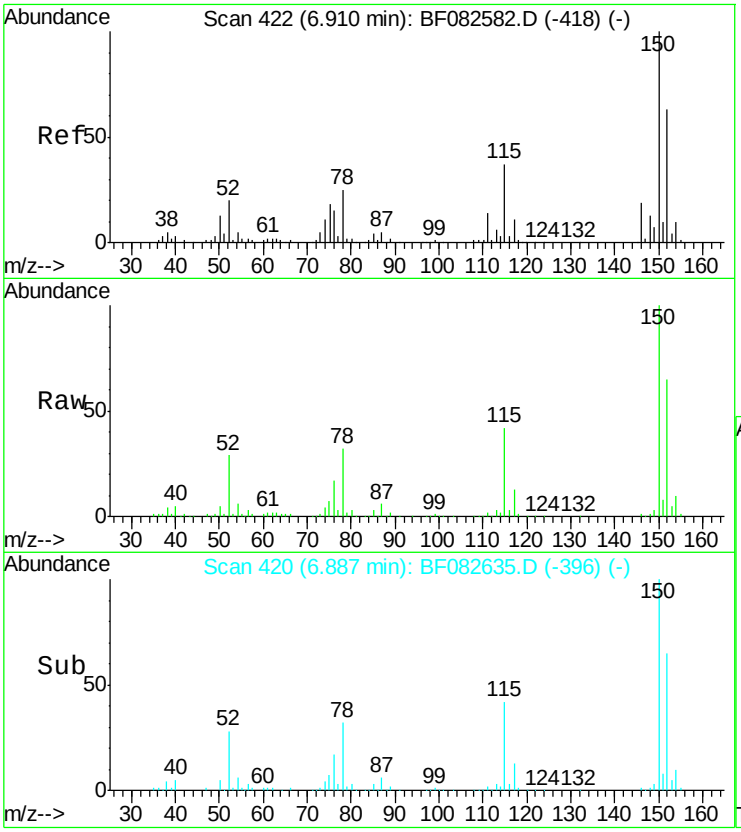
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082635.D
Acq On : 2 Nov 2015 17:10
Operator : UM/IZ
Sample : PB86380BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Quant Time: Nov 03 02:27:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration



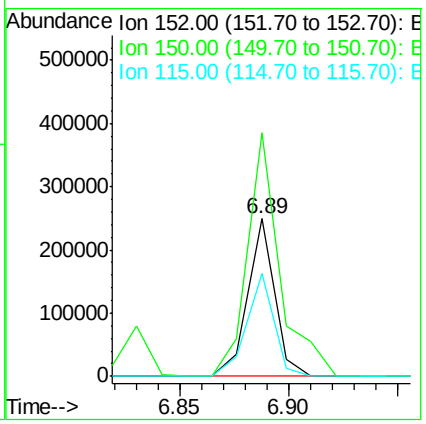


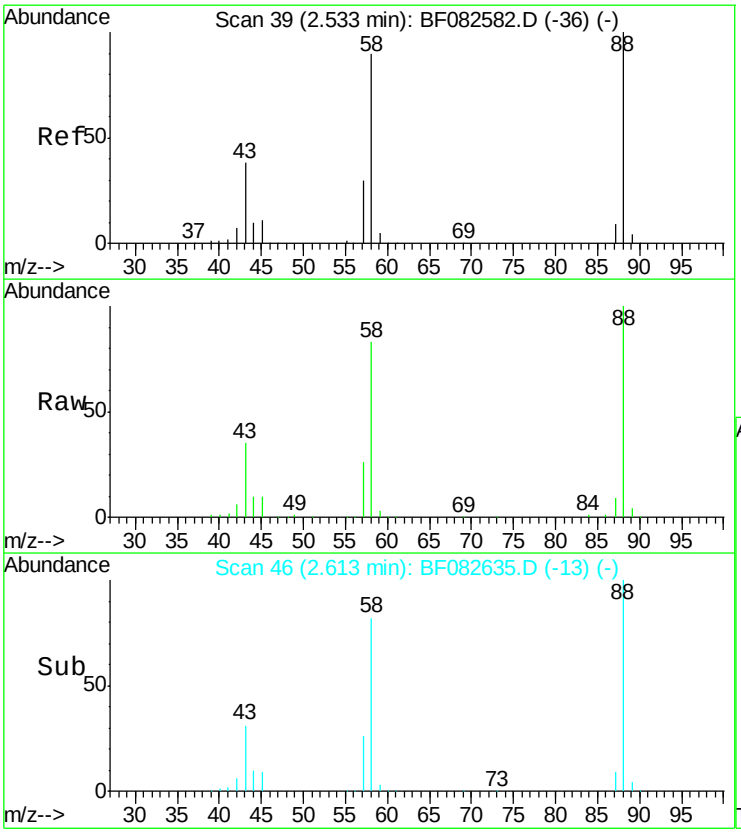

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:152 Resp: 213292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.6 | 127.0 | 190.4 |
| 115 | 65.6 | 47.0 | 70.6 |

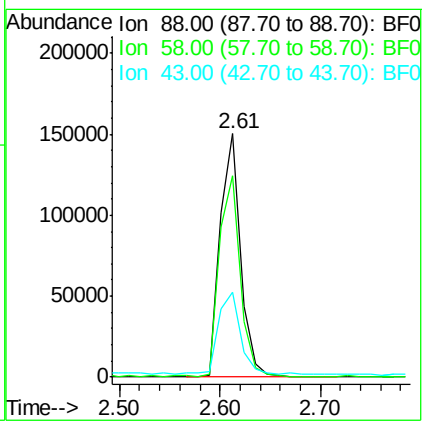


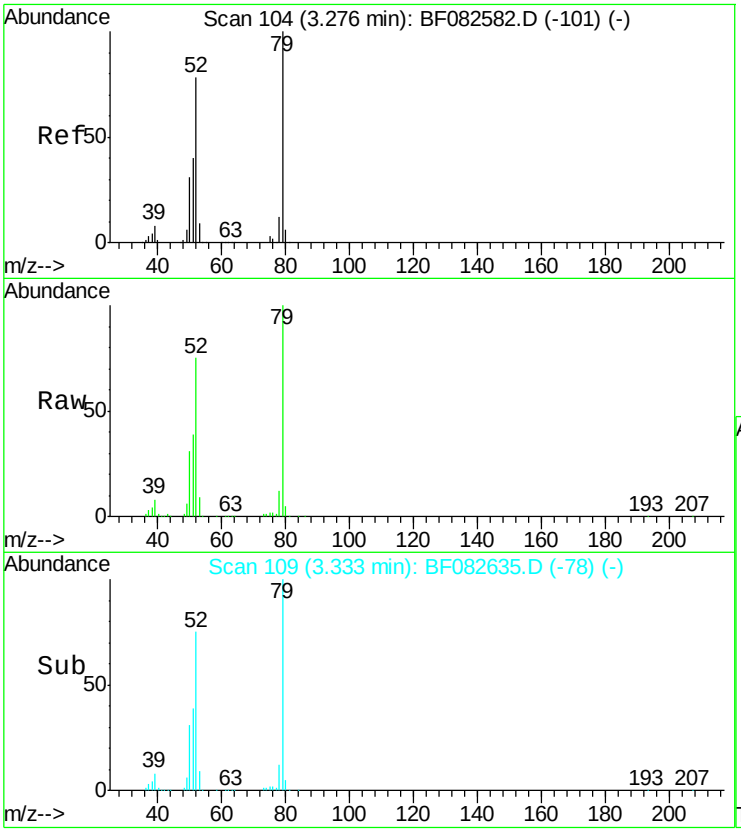




#2
1,4-Dioxane
Concen: 32.32 ng
RT: 2.61 min Scan# 46
Delta R.T. 0.08 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion: 88 Resp: 211587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 84.0 | 62.0 | 93.0 |
| 43 | 36.9 | 26.6 | 40.0 |



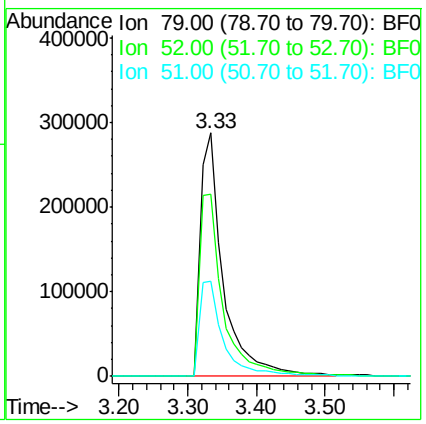


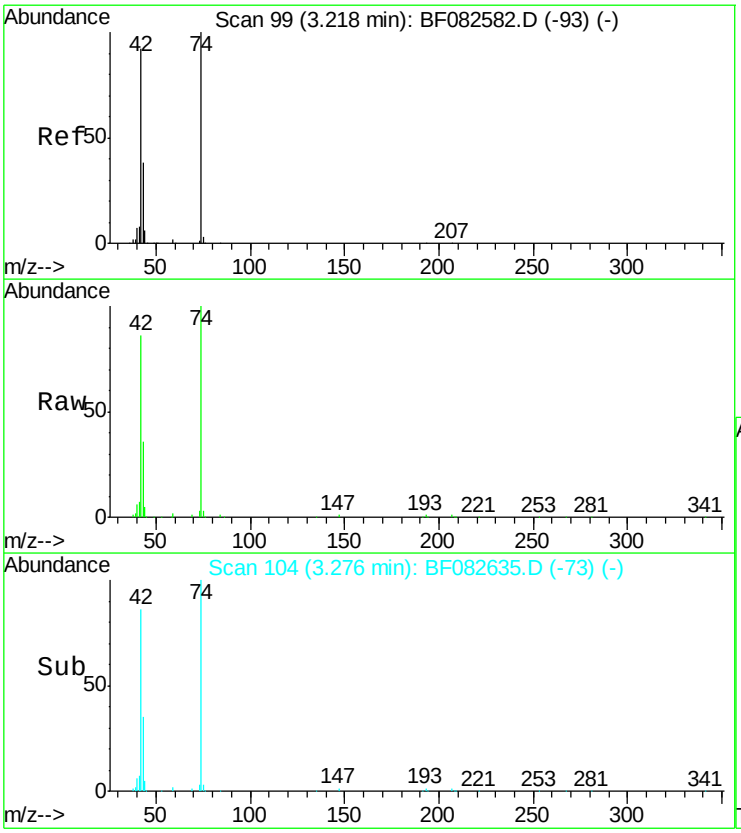

#3
Pyridine
Concen:  34.39 ng
RT: 3.33 min  Scan# 109
Delta R.T.  0.06 min
Lab File:  BF082635.D
Acq:  2 Nov 2015  17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion: 79 Resp:  660020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 74.8 | 62.8 | 94.2 |
| 51 | 39.1 | 32.0 | 48.0 |

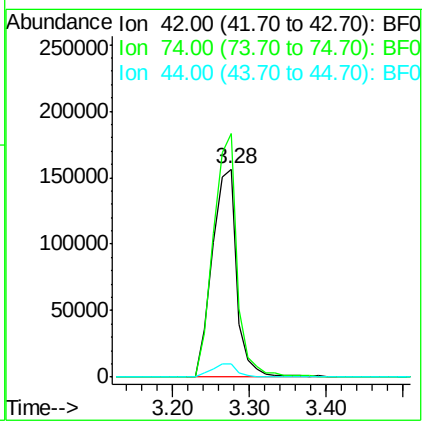


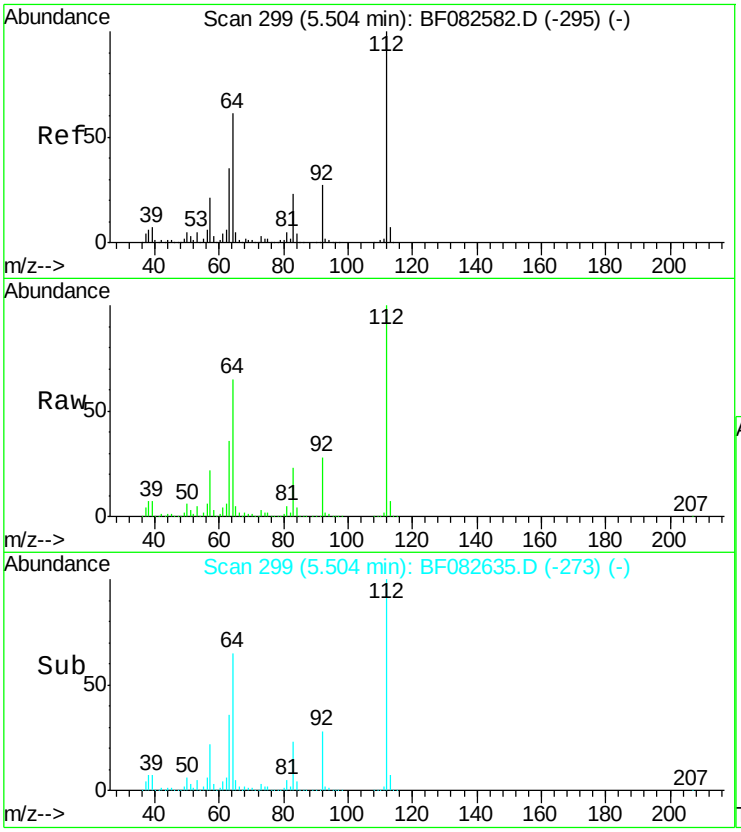




#4
n-Nitrosodimethylamine
Concen:  32.49 ng
RT: 3.28 min  Scan# 104
Delta R.T.  0.06 min
Lab File:  BF082635.D
Acq:  2 Nov 2015  17:10

Tgt Ion: 42 Resp:  351059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 116.9 | 87.0 | 130.4 |
| 44 | 6.1 | 5.8 | 8.8 |



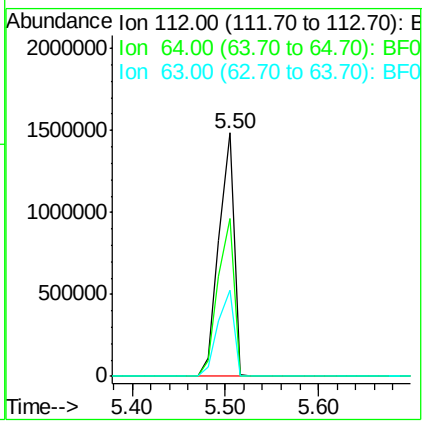


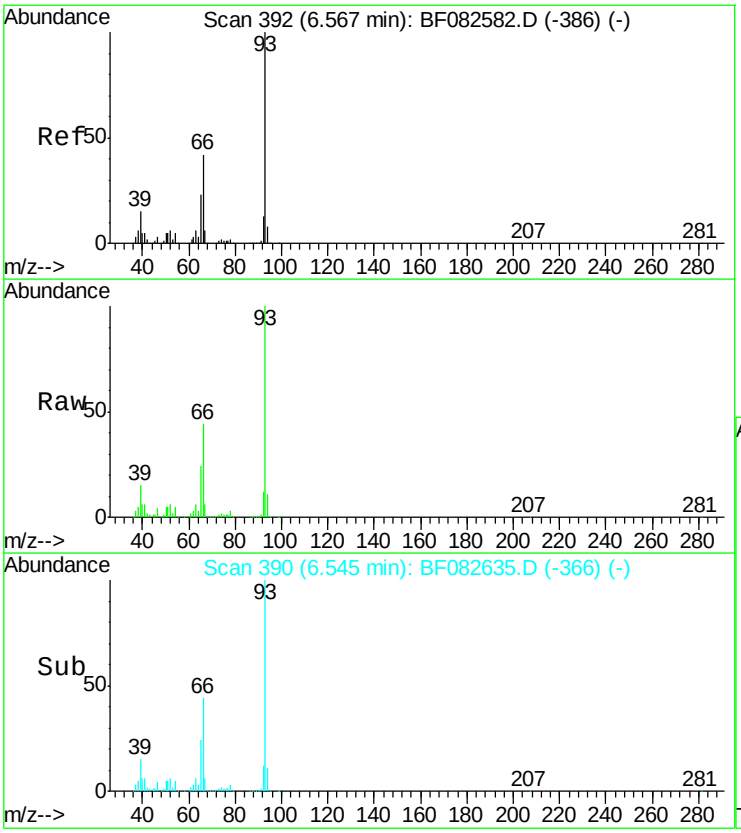

#5
2-Fluorophenol
Concen: 118.27 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.00 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:112 Resp: 1674883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.7 | 48.9 | 73.3 |
| 63 | 35.5 | 28.1 | 42.1 |

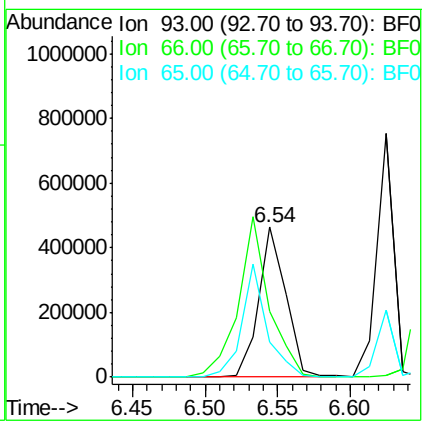


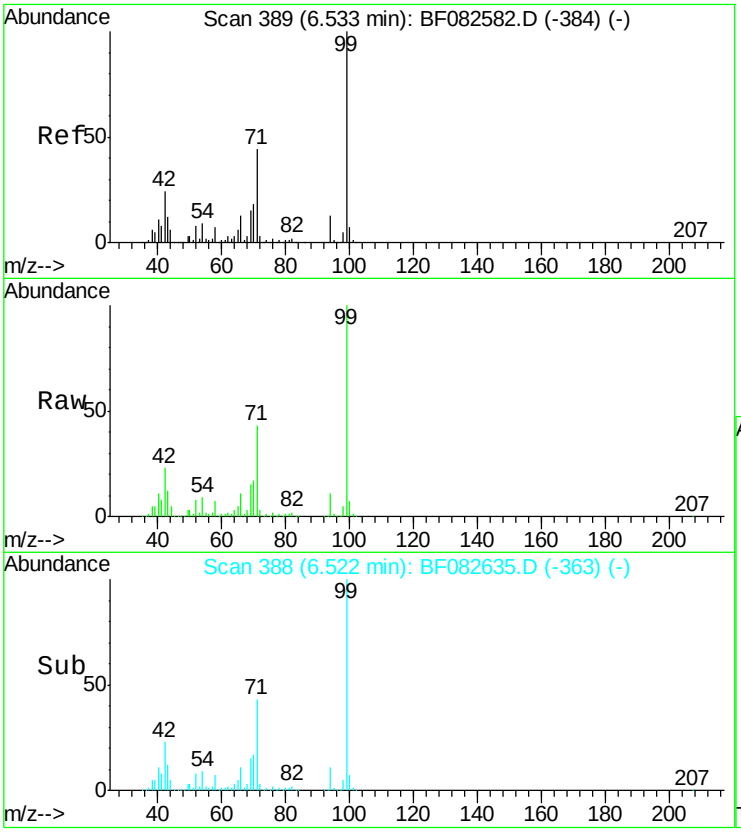




#6
Aniline
Concen: 23.14 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion: 93 Resp: 606094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 43.8 | 33.6 | 50.4 |
| 65 | 23.6 | 18.1 | 27.1 |



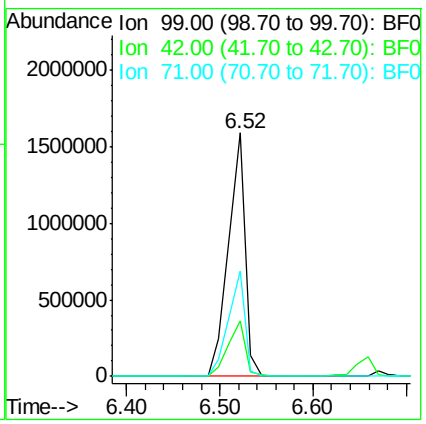


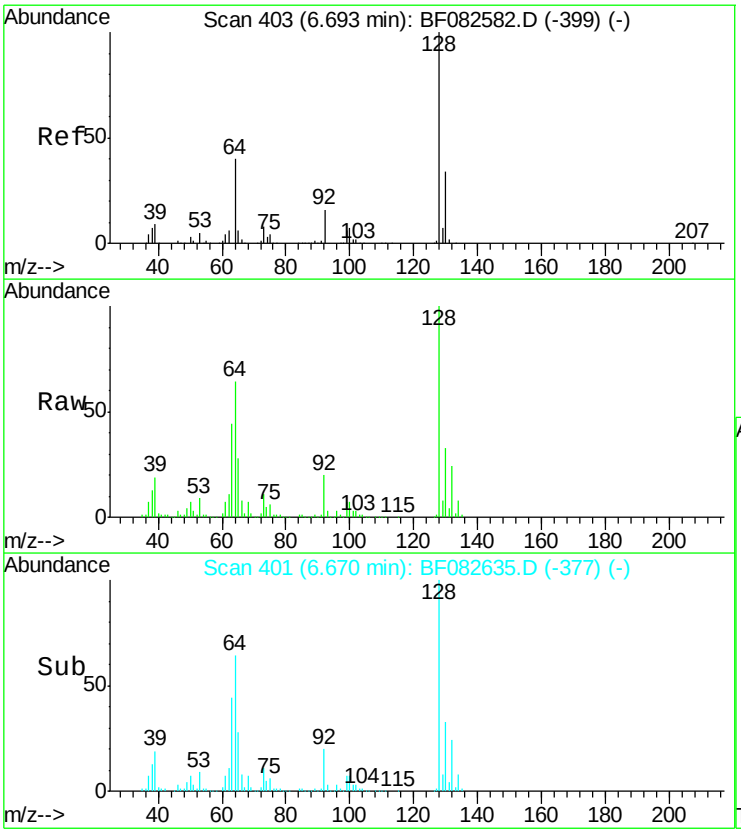

#7
Phenol-d6
Concen: 107.04 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion: 99 Resp: 2013730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.9 | 19.2 | 28.8 |
| 71 | 43.1 | 35.0 | 52.4 |

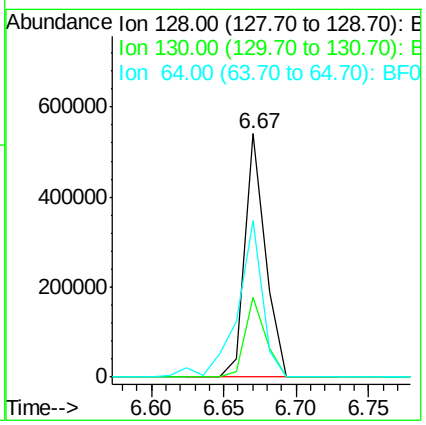


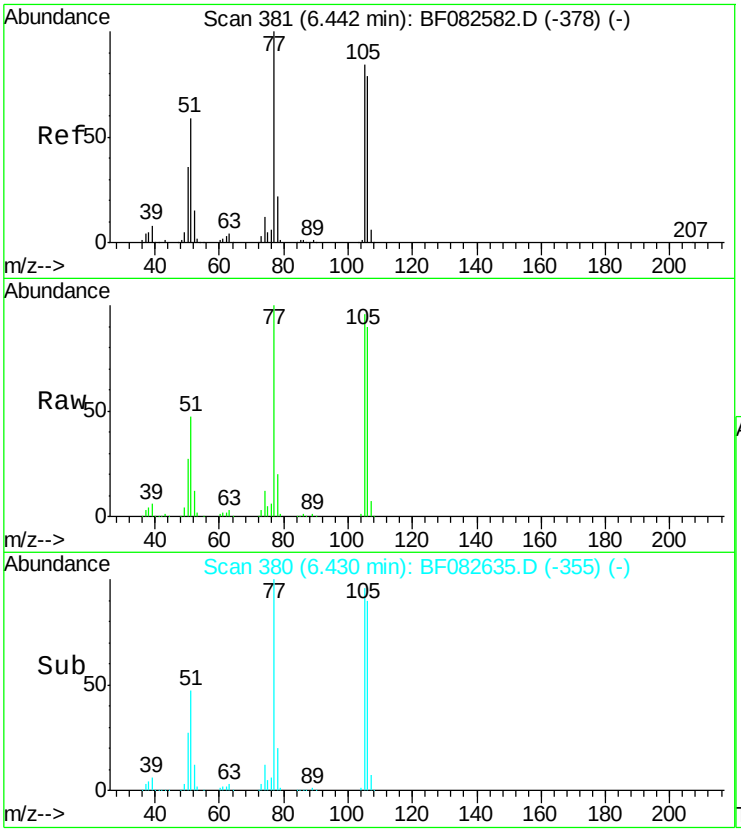




#8
2-Chlorophenol
Concen: 34.52 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:128 Resp: 528902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.5 | 13.5 | 53.5 |
| 64 | 64.3 | 21.1 | 61.1# |



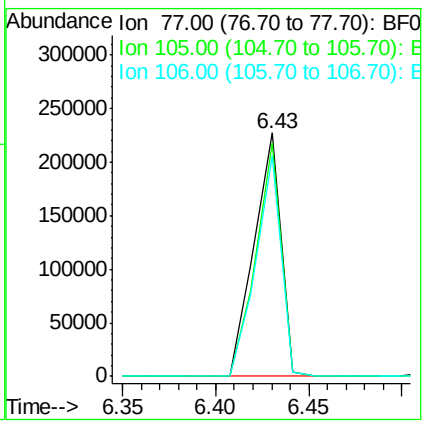


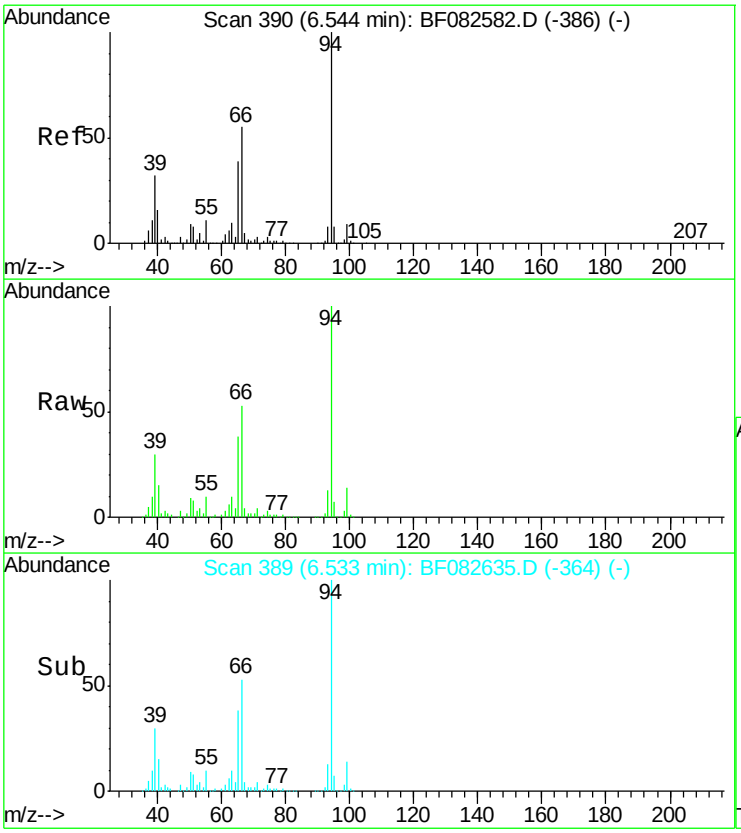

#9
Benzaldehyde
Concen:  17.83 ng
RT: 6.43 min  Scan# 380
Delta R.T.  -0.01 min
Lab File:  BF082635.D
Acq:  2 Nov 2015  17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion: 77 Resp:  229036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.0 | 63.5 | 103.5 |
| 106 | 90.4 | 59.3 | 99.3 |

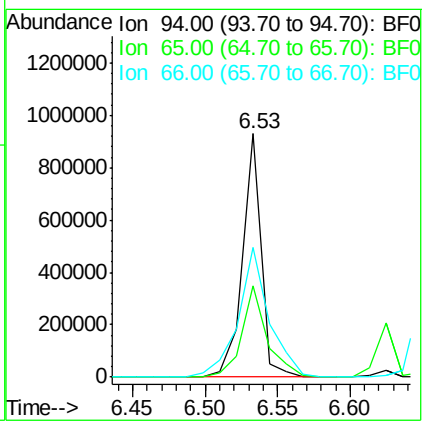


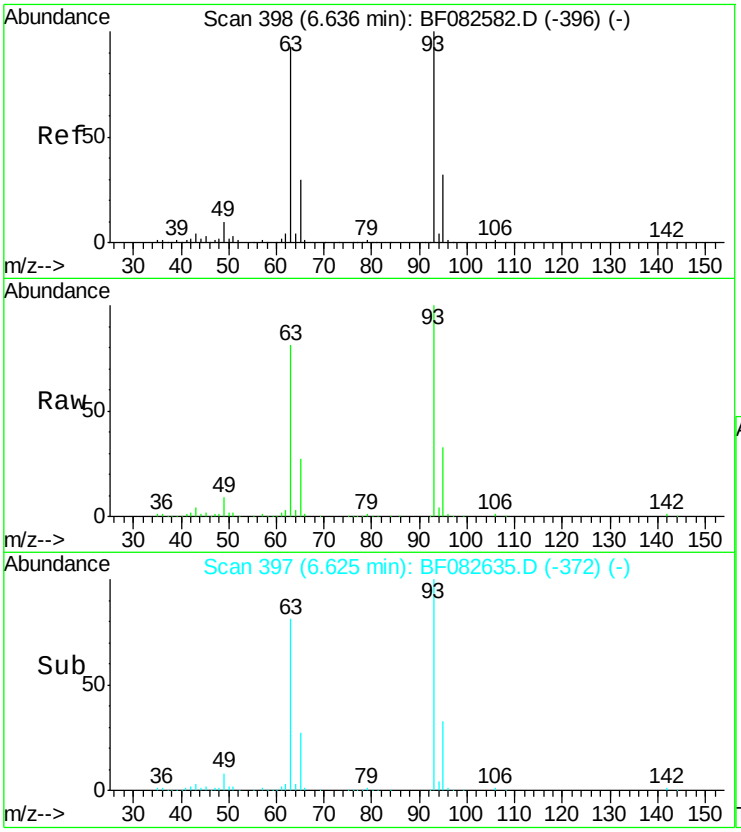




#10
Phenol
Concen:  38.89 ng
RT: 6.53 min  Scan# 389
Delta R.T.  -0.01 min
Lab File:  BF082635.D
Acq:  2 Nov 2015  17:10

Tgt Ion: 94 Resp:  829027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 37.6 | 18.9 | 58.9 |
| 66 | 53.3 | 34.9 | 74.9 |



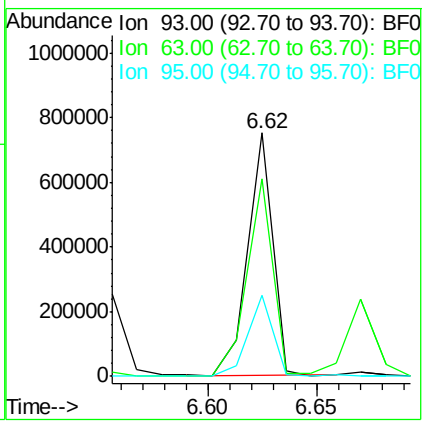


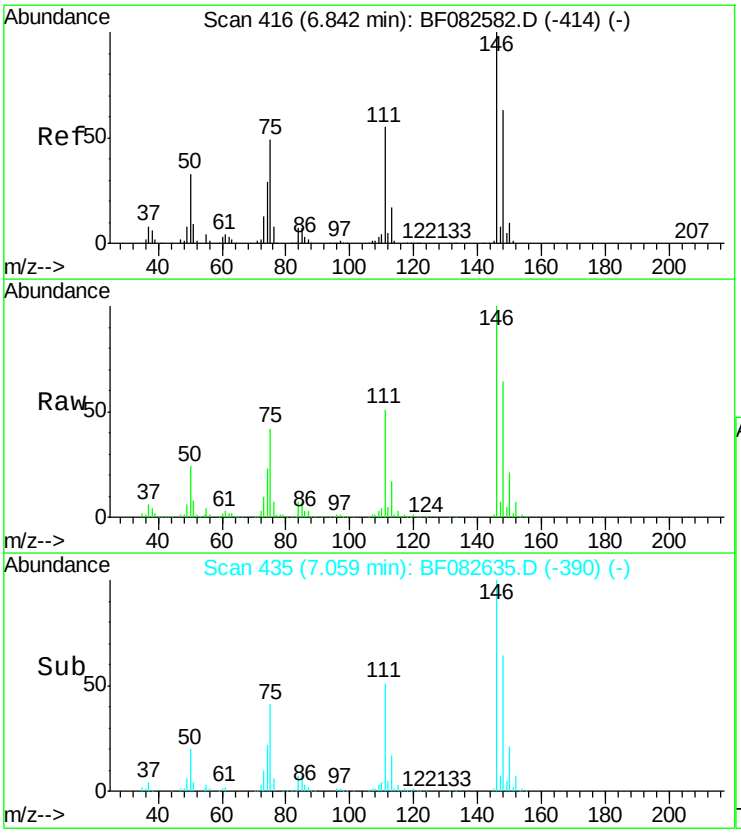

#11
bis(2-Chloroethyl)ether
Concen: 37.98 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion: 93 Resp: 597356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 80.9 | 72.7 | 112.7 |
| 95 | 33.2 | 12.0 | 52.0 |

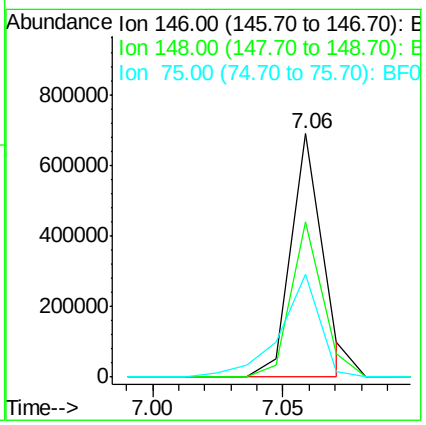


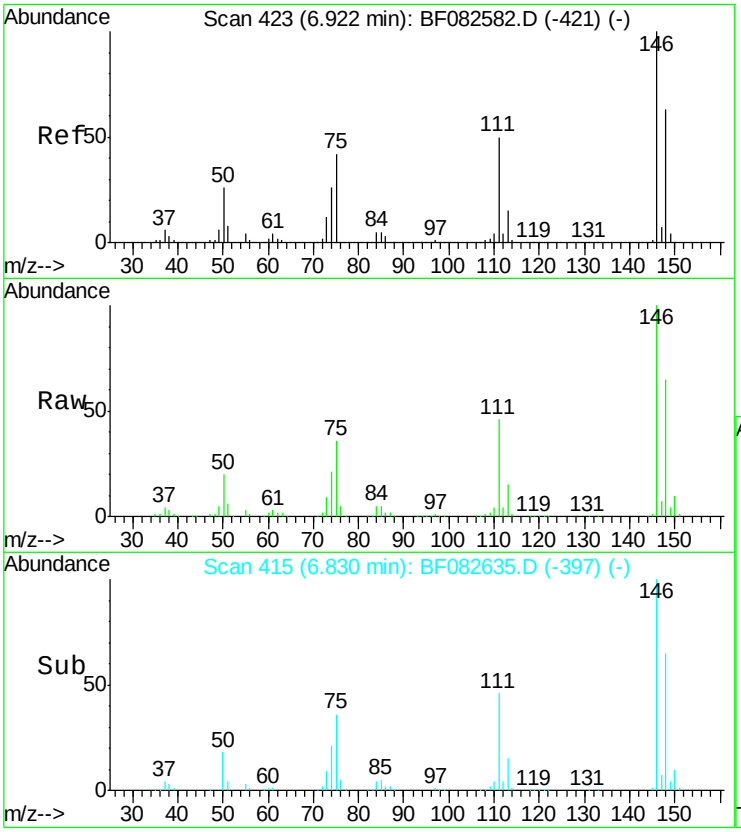




#12
1,3-Dichlorobenzene
Concen: 33.06 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.22 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:146 Resp: 577624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 50.5 | 75.7 |
| 75 | 42.0 | 39.5 | 59.3 |



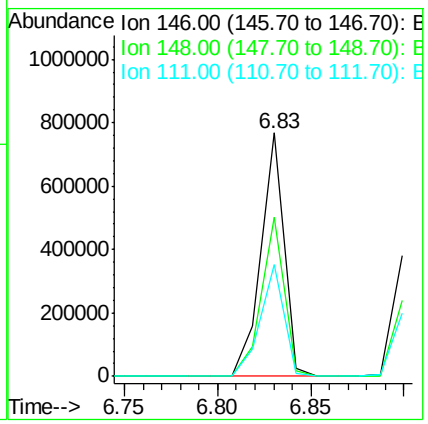


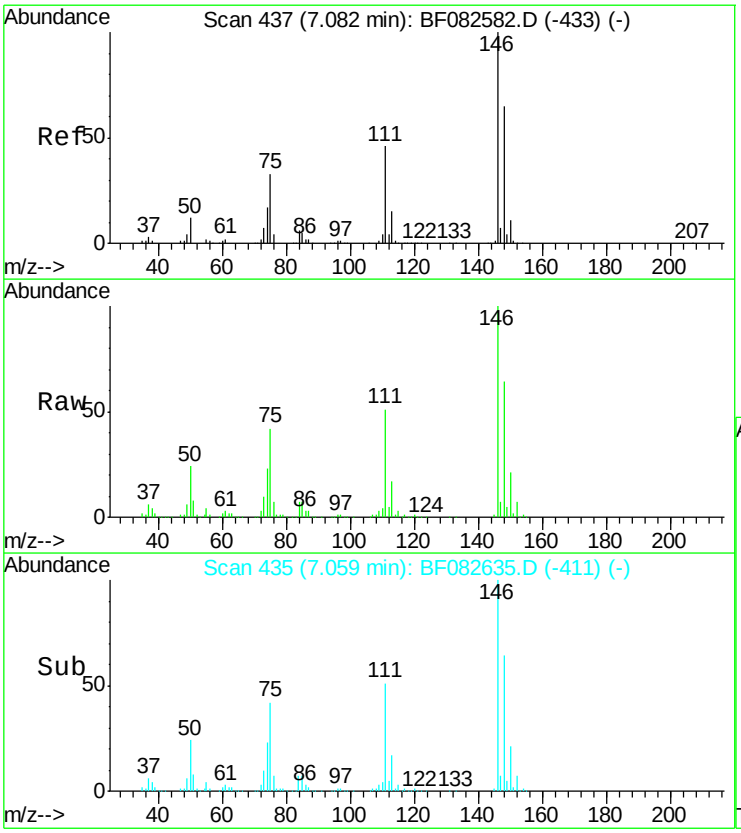

#13
1,4-Dichlorobenzene
Concen: 37.56 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.09 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:146 Resp: 650785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 50.8 | 76.2 |
| 111 | 45.7 | 40.6 | 60.8 |

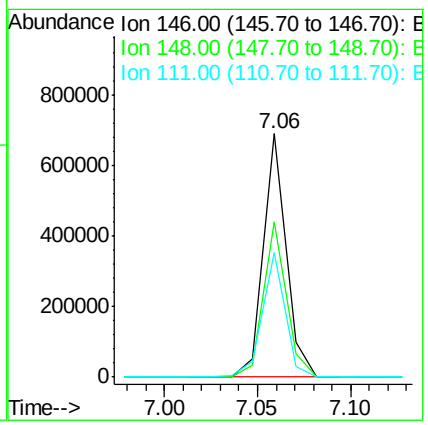


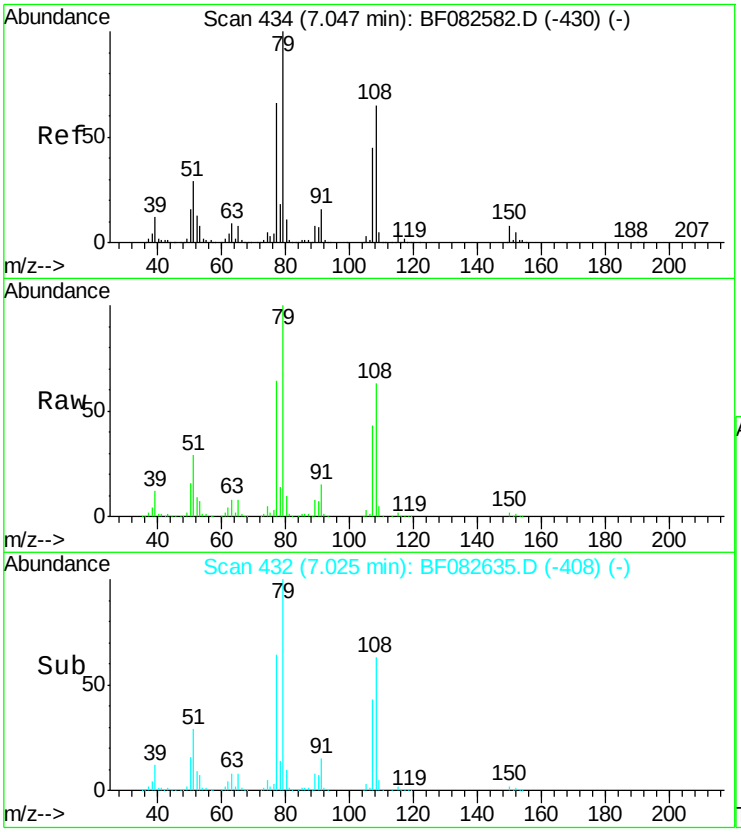




#14
1,2-Dichlorobenzene
Concen: 35.91 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:146 Resp: 577552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 52.2 | 78.4 |
| 111 | 51.4 | 36.6 | 55.0 |



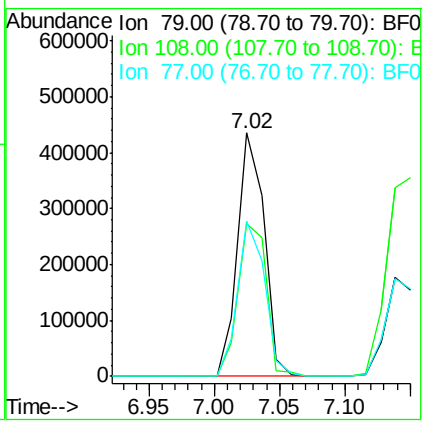


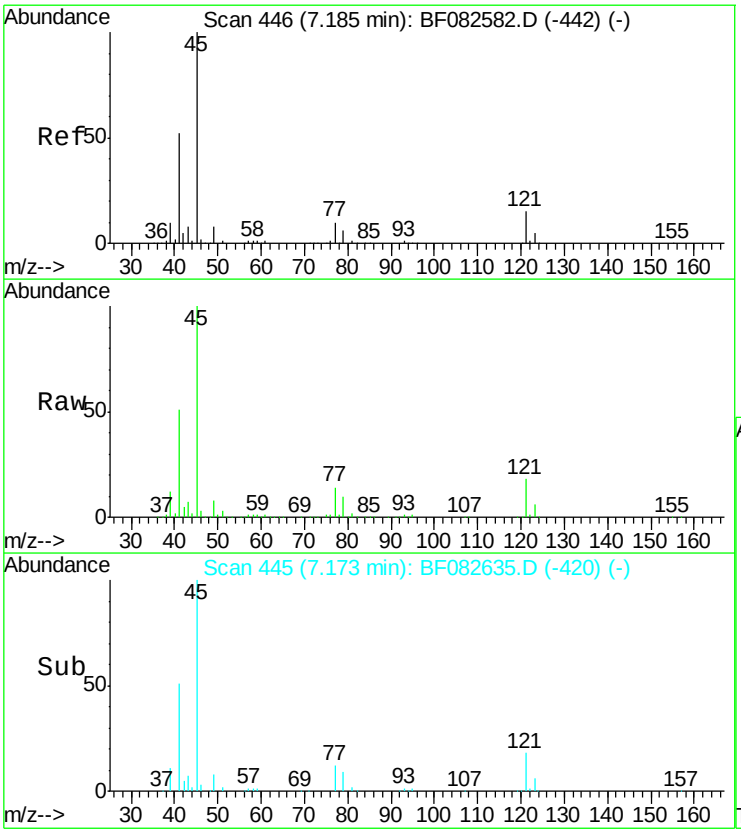

#15
Benzyl Alcohol
Concen: 35.17 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion: 79 Resp: 617042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 63.0 | 52.2 | 78.4 |
| 77 | 63.6 | 52.7 | 79.1 |

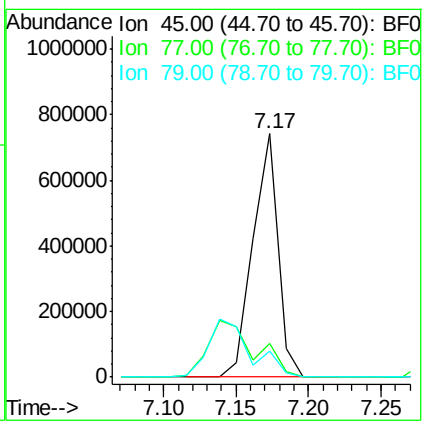


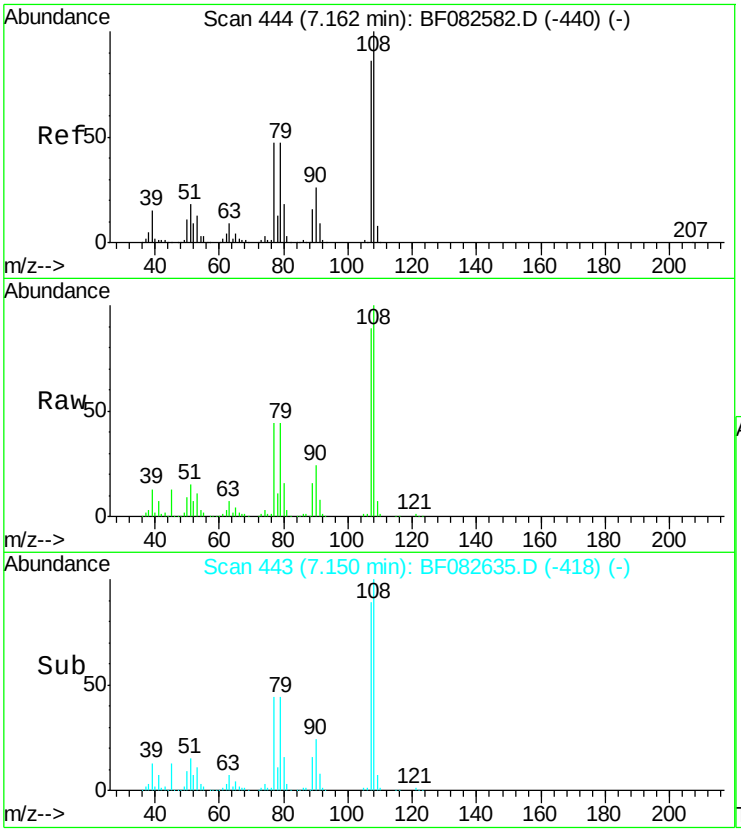




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.65 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion: 45 Resp: 891019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.7 | 0.0 | 32.6 |
| 79 | 10.5 | 0.0 | 29.2 |



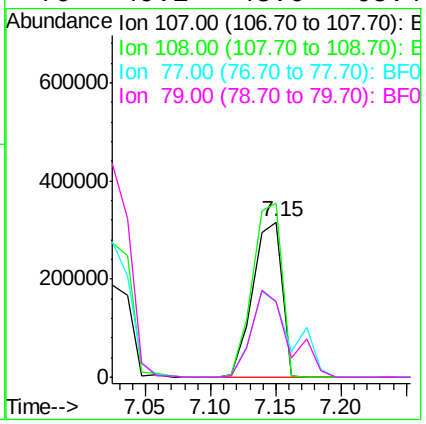


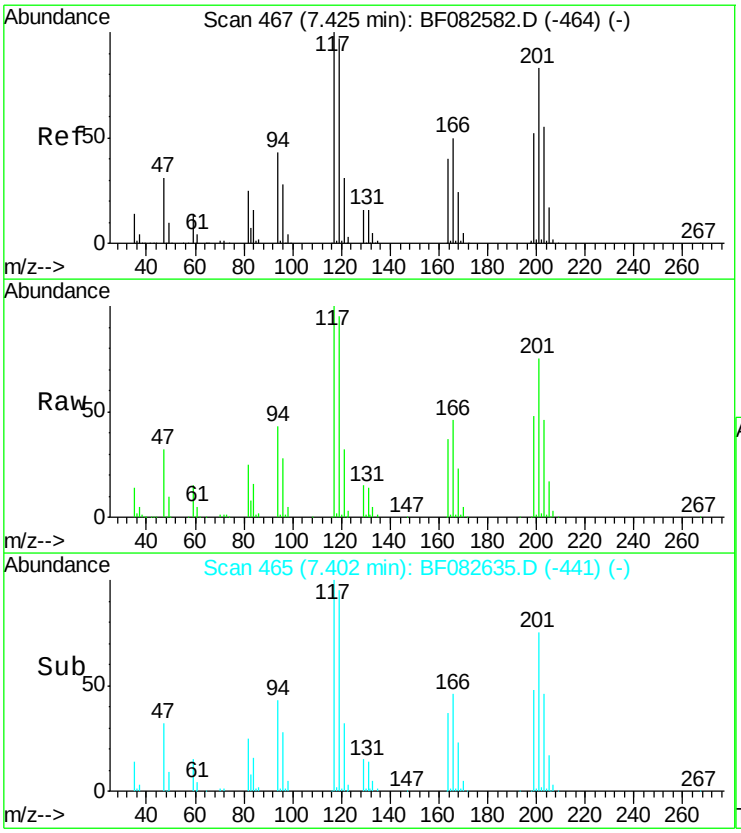

#17
2-Methylphenol
Concen: 38.09 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:107 Resp: 496243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.2 | 93.0 | 139.4 |
| 77 | 49.1 | 44.1 | 66.1 |
| 79 | 49.1 | 43.6 | 65.4 |

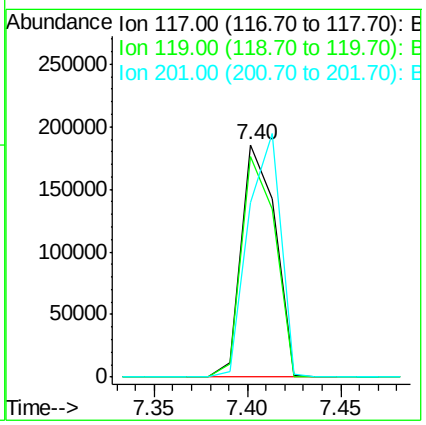


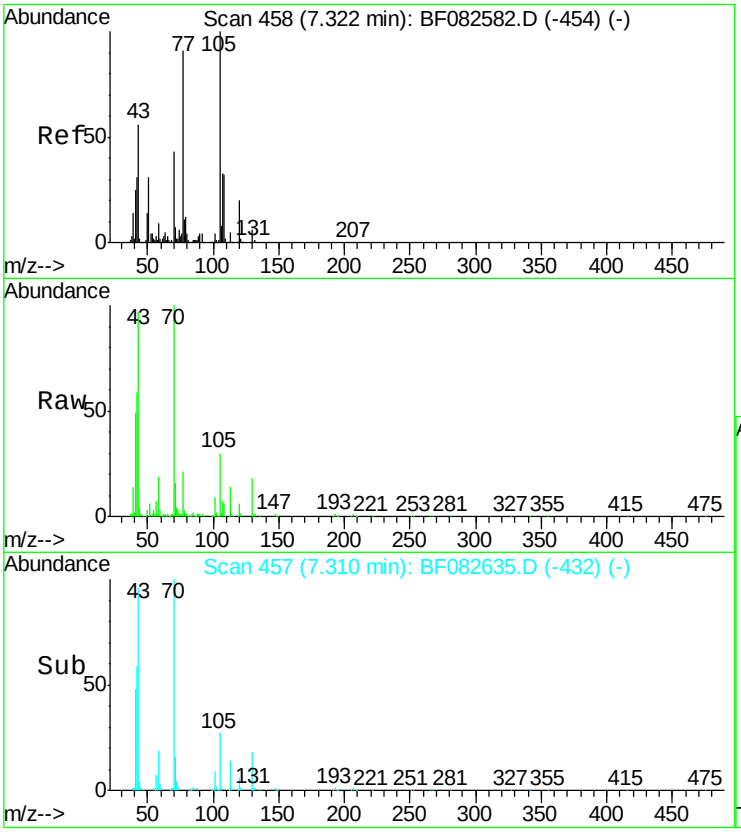




#18
Hexachloroethane
Concen: 34.53 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:117 Resp: 233506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 94.9 | 77.7 | 116.5 |
| 201 | 75.1 | 66.7 | 100.1 |



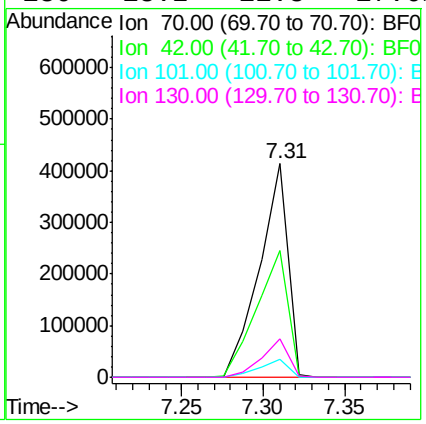


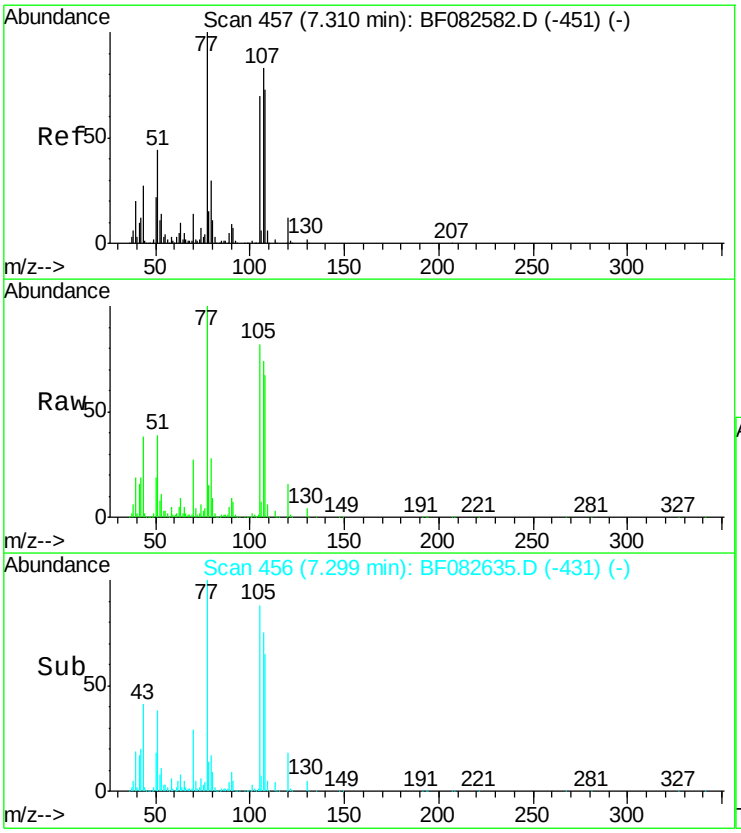

#19
n-Nitroso-di-n-propylamine
Concen: 35.52 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion: 70 Resp: 506557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 59.1 | 57.7 | 86.5 |
| 101 | 8.6 | 7.0 | 10.6 |
| 130 | 18.2 | 11.8 | 17.6# |

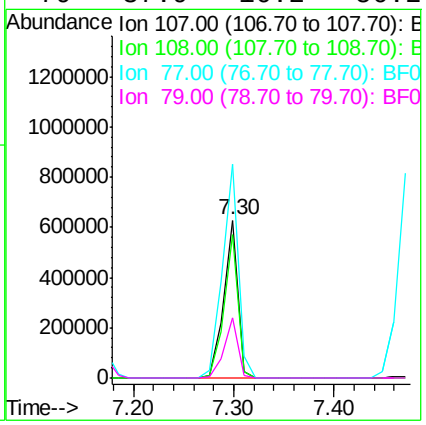


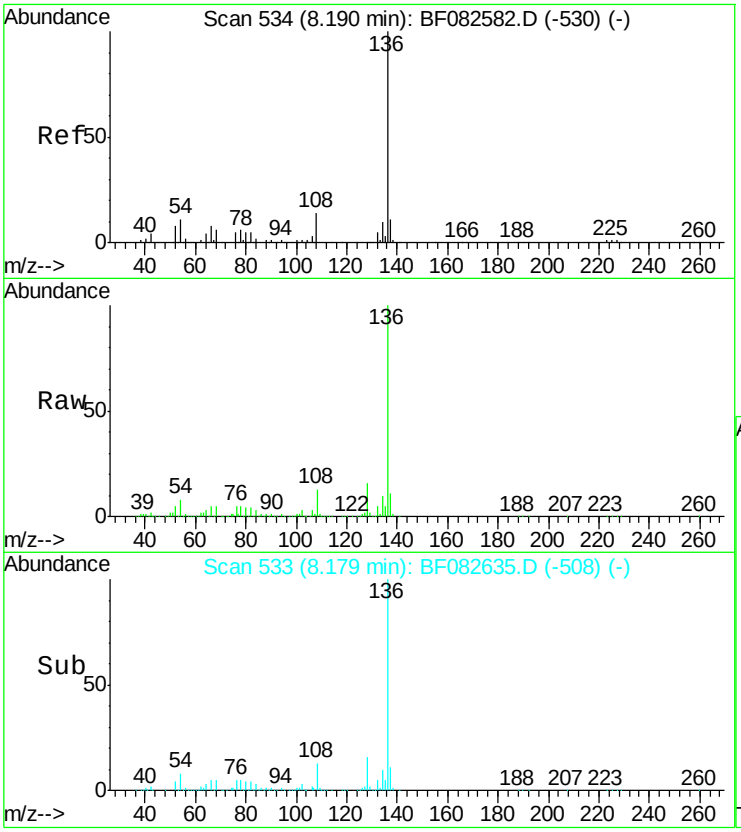




#20
3+4-Methylphenols
Concen: 35.97 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:107 Resp: 609008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.9 | 67.3 | 107.3 |
| 77 | 135.2 | 100.3 | 140.3 |
| 79 | 37.9 | 16.2 | 56.2 |



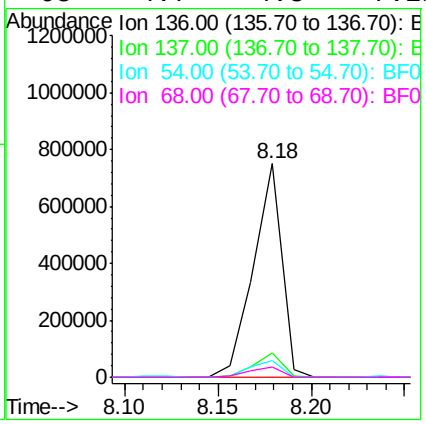


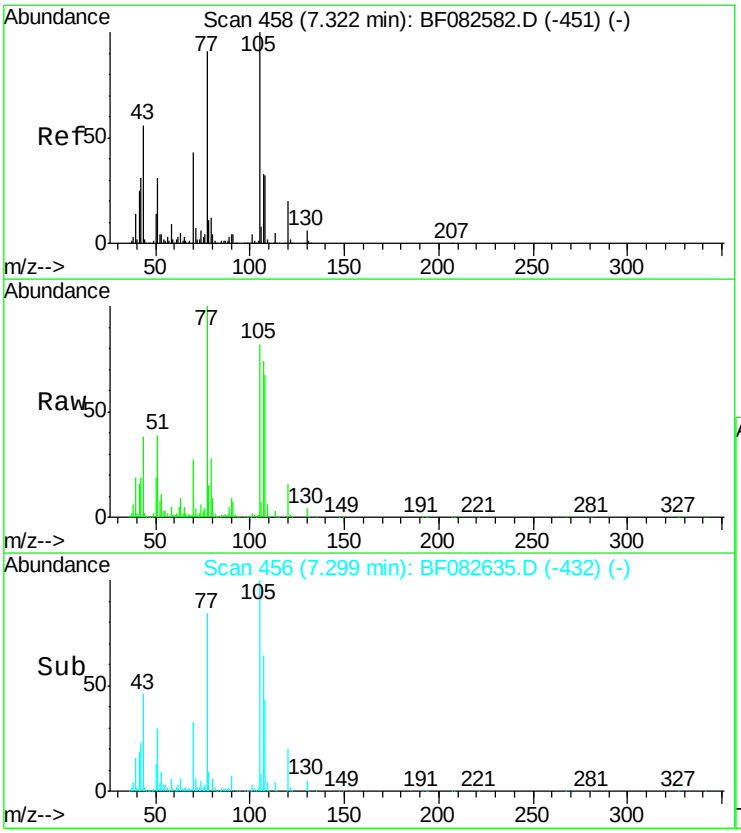

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:136 Resp: 791364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.1 | 13.7 |
| 54 | 7.7 | 9.1 | 13.7# |
| 68 | 4.7 | 4.8 | 7.2# |

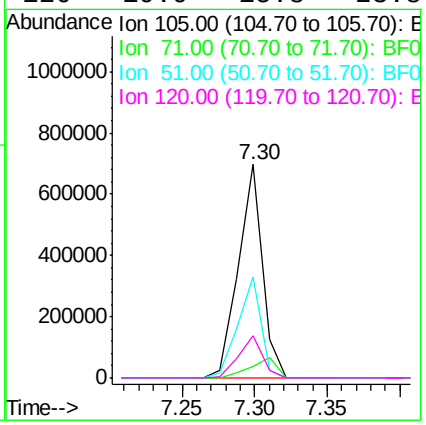


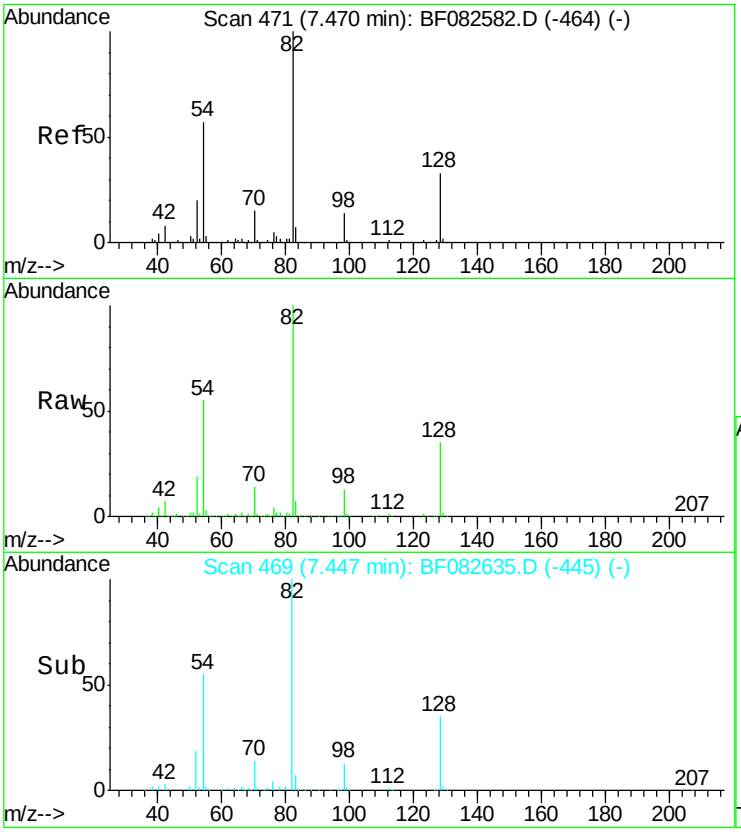




#22
Acetophenone
Concen: 34.53 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:105 Resp: 804530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.4 | 5.6 | 8.4# |
| 51 | 47.3 | 24.9 | 37.3# |
| 120 | 19.9 | 15.8 | 23.8 |



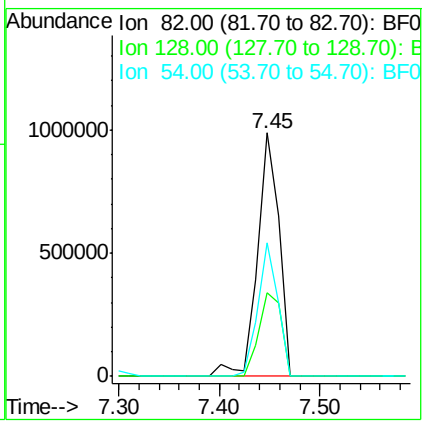


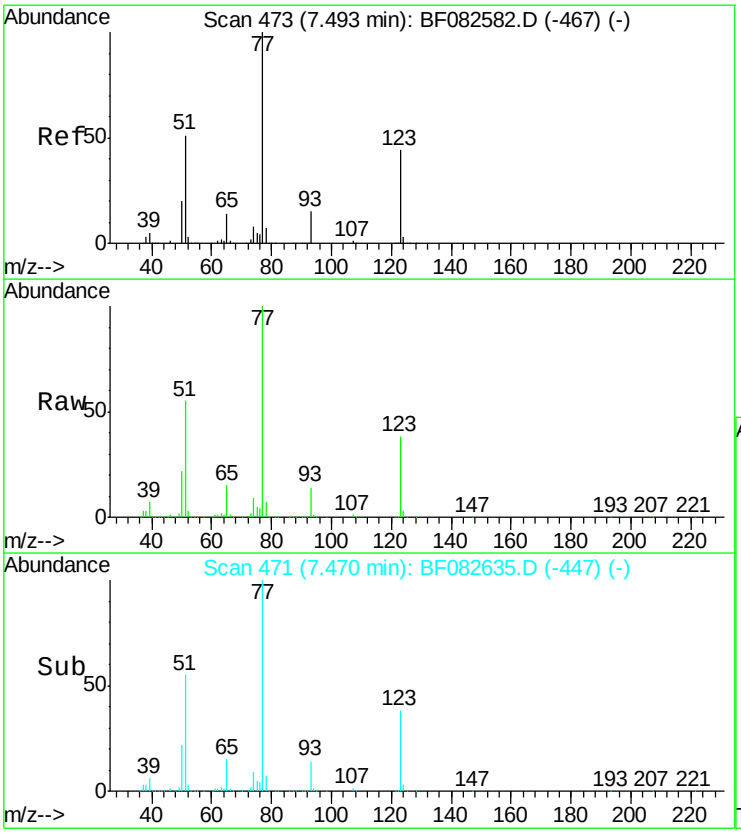

#23
Nitrobenzene-d5
Concen: 75.23 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion: 82 Resp: 1457843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.5 | 26.8 | 40.2 |
| 54 | 54.8 | 45.7 | 68.5 |

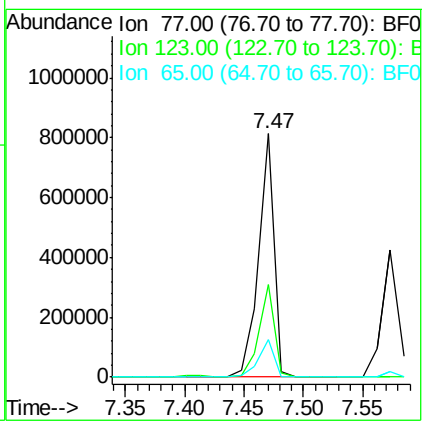


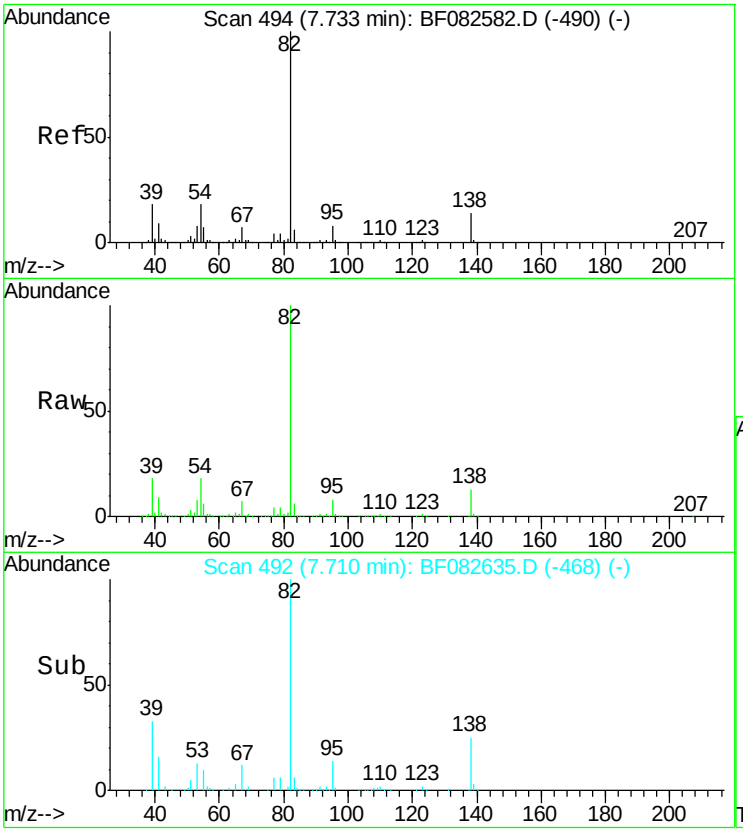




#24
Nitrobenzene
Concen: 38.03 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion: 77 Resp: 745047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 38.2 | 36.4 | 54.6 |
| 65 | 15.3 | 11.5 | 17.3 |



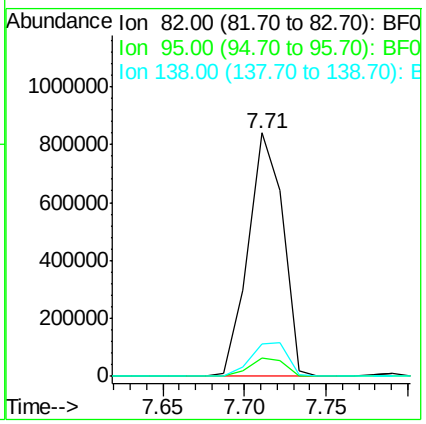


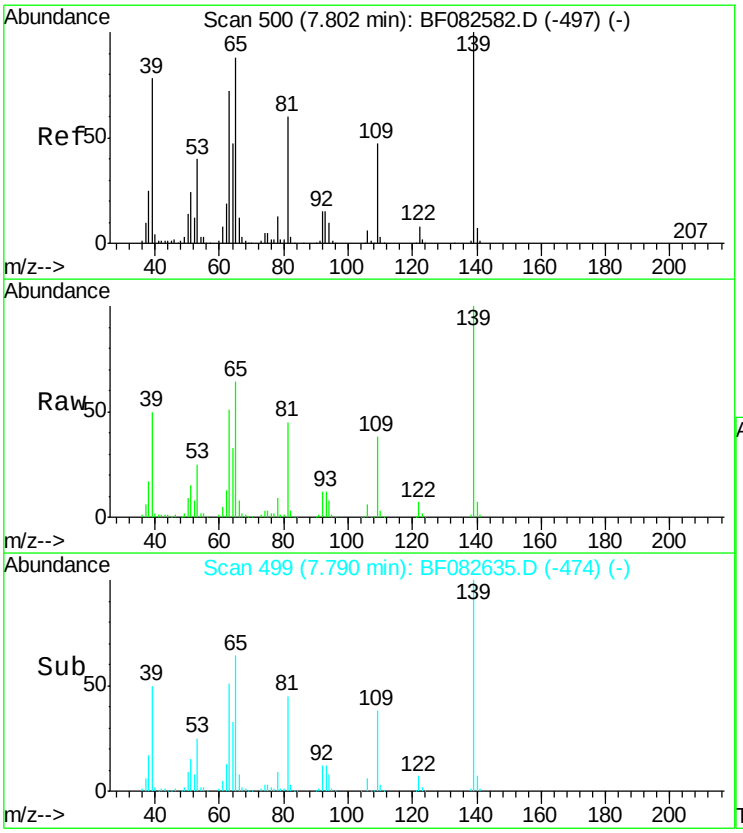

#25
Isophorone
Concen: 34.81 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion: 82 Resp: 1241031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.5 | 6.6 | 9.8 |
| 138 | 13.2 | 11.4 | 17.0 |

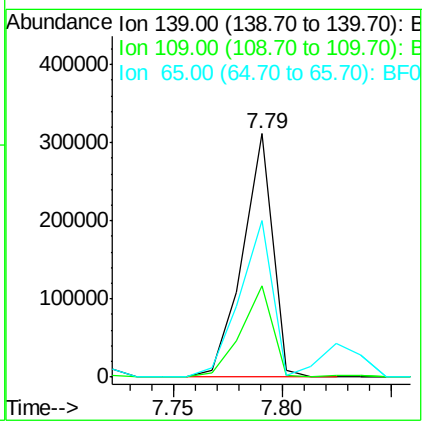


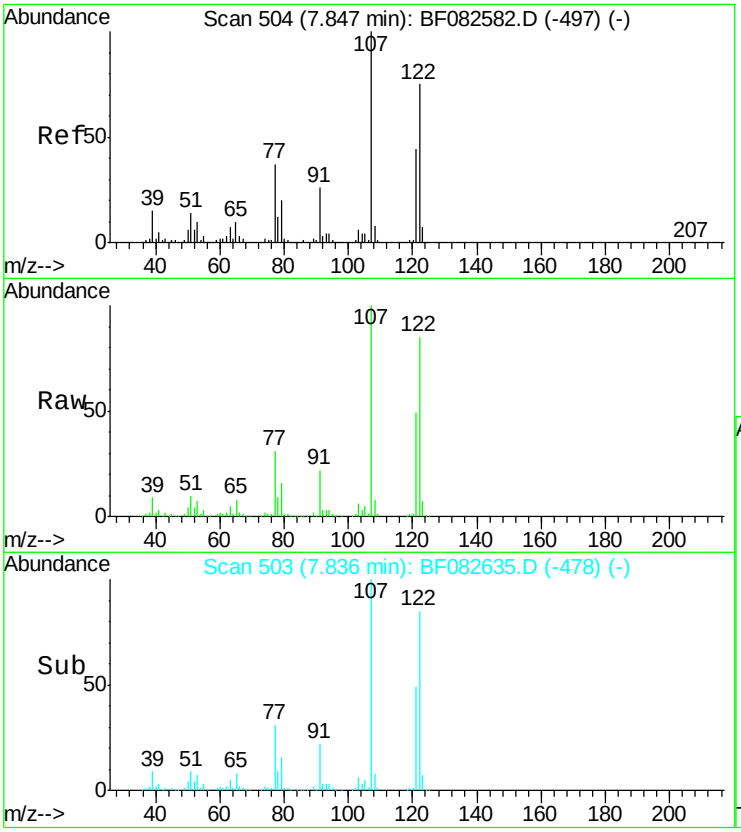




#26
2-Nitrophenol
Concen: 41.98 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:139 Resp: 300411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 37.6 | 37.6 | 56.4 |
| 65 | 64.4 | 70.6 | 105.8# |



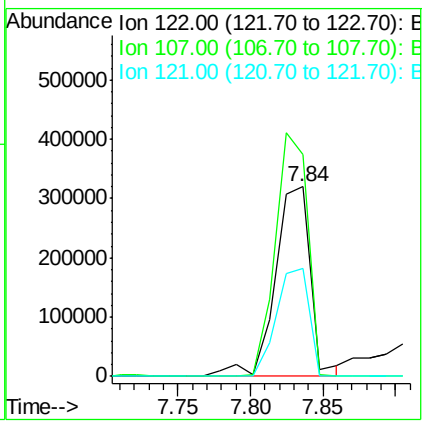


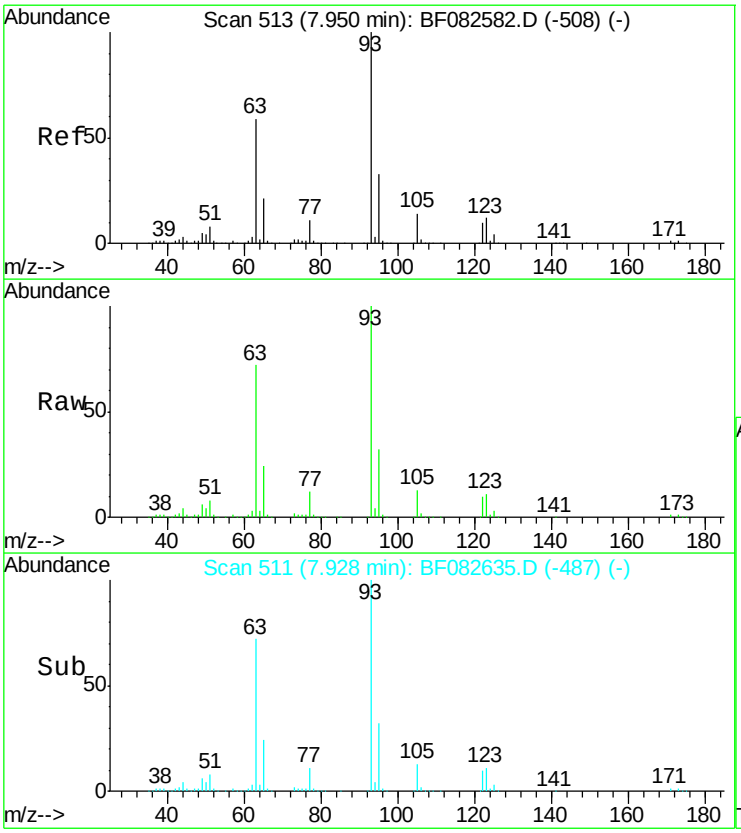

#27
2,4-Dimethylphenol
Concen: 38.54 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:122 Resp: 538326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.0 | 106.0 | 159.0 |
| 121 | 57.3 | 46.7 | 70.1 |

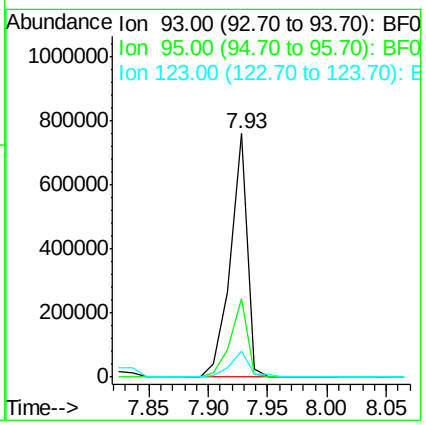


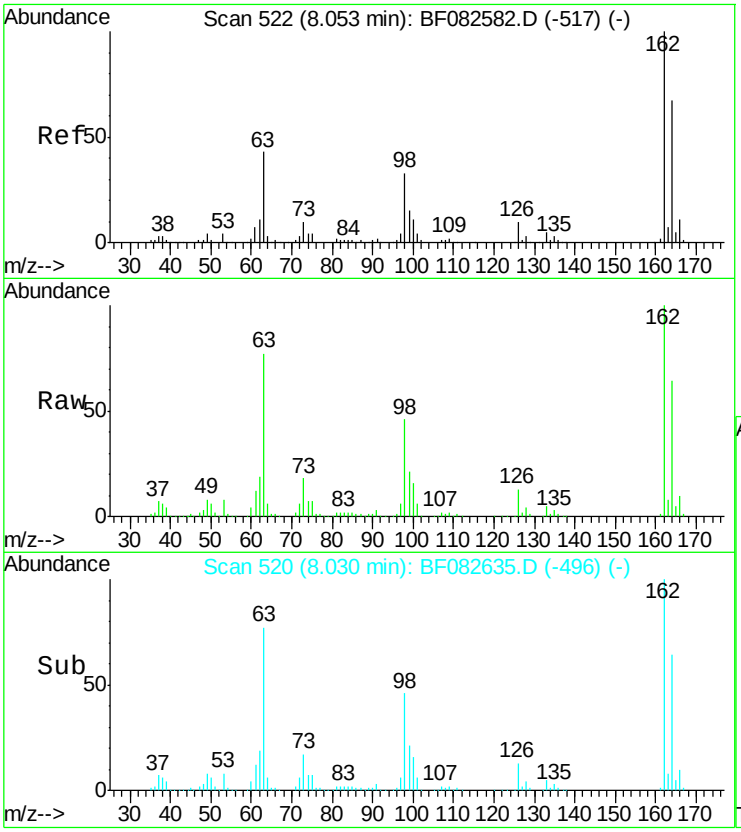




#28
bis(2-Chloroethoxy)methane
Concen: 38.39 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion: 93 Resp: 748654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 26.6 | 40.0 |
| 123 | 10.6 | 9.7 | 14.5 |



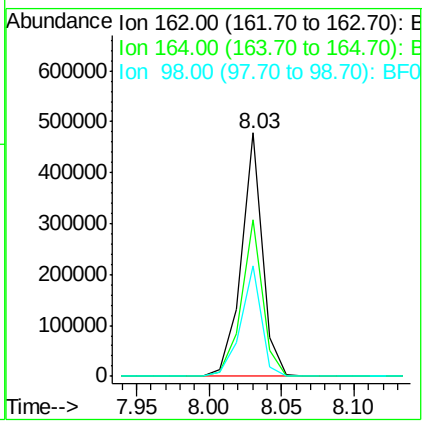


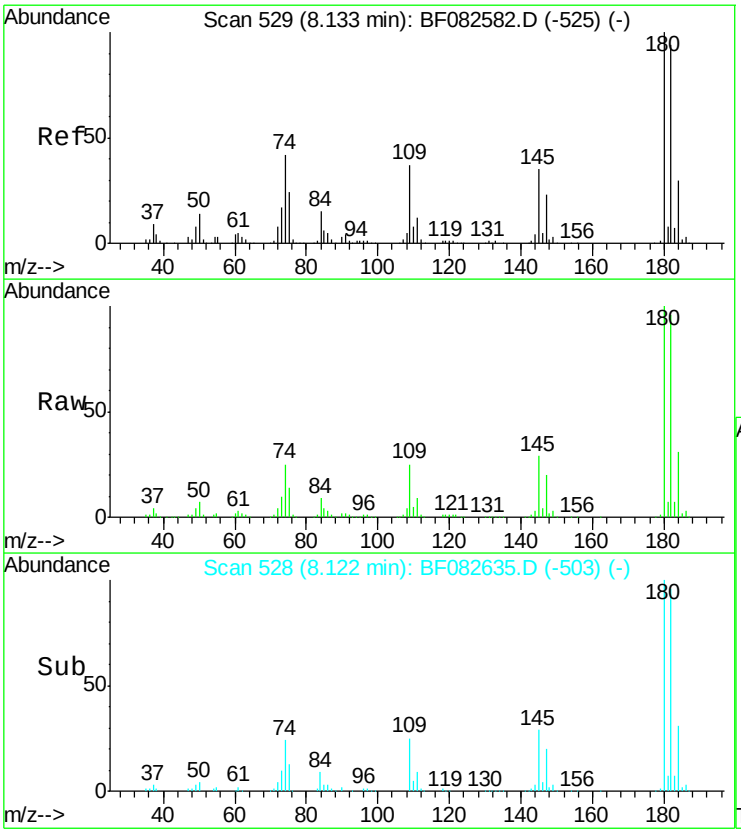

#29
2,4-Dichlorophenol
Concen: 37.75 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:162 Resp: 480661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.1 | 46.8 | 86.8 |
| 98 | 45.6 | 12.5 | 52.5 |

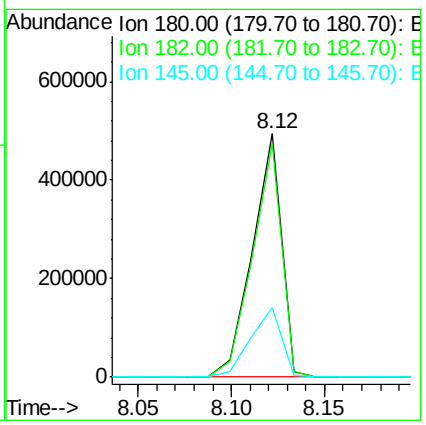


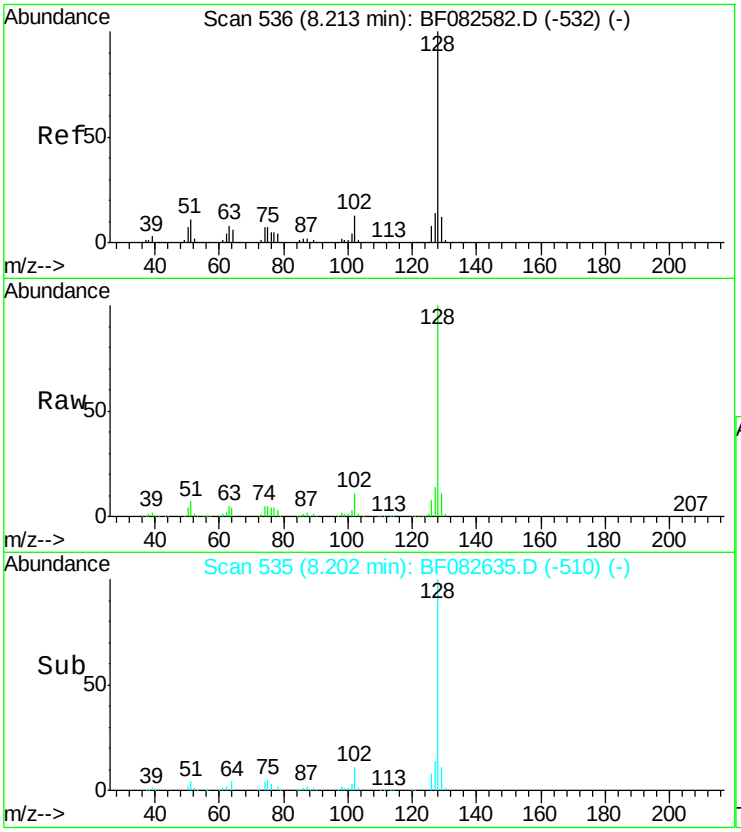




#30
1,2,4-Trichlorobenzene
Concen: 37.57 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:180 Resp: 530890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.1 | 74.9 | 112.3 |
| 145 | 28.7 | 27.8 | 41.8 |



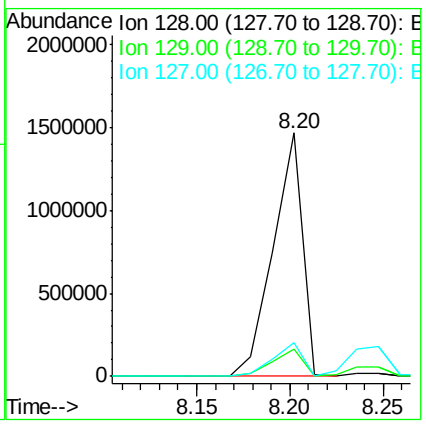


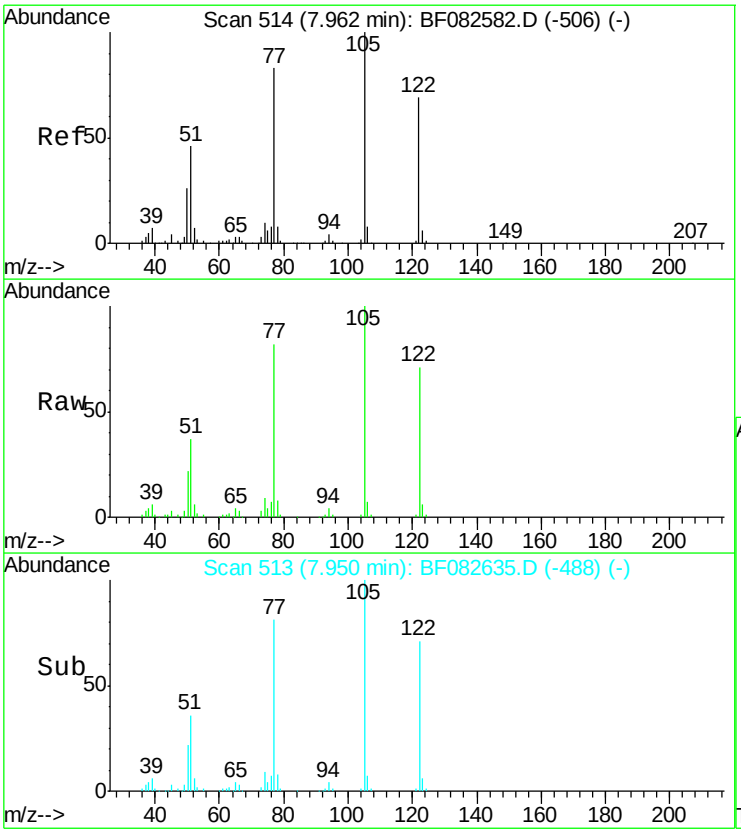

#31
Naphthalene
Concen: 37.68 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:128 Resp: 1613405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.5 | 14.3 |
| 127 | 13.6 | 11.4 | 17.0 |

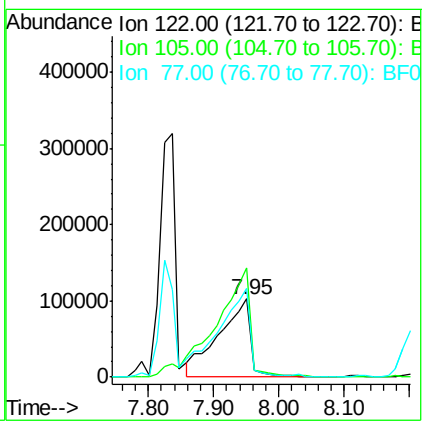


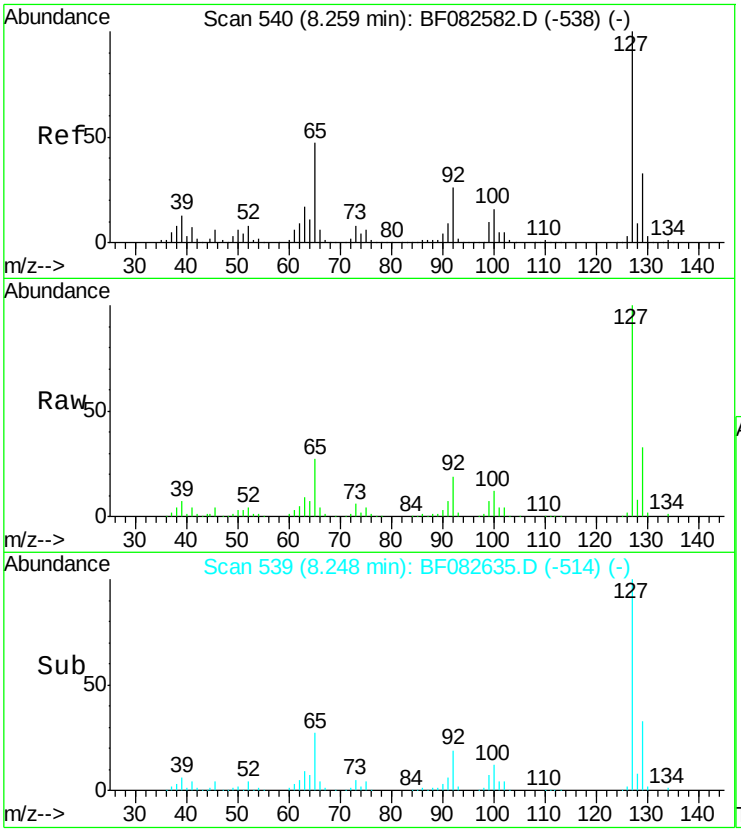




#32
Benzoic acid
Concen: 33.94 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:122 Resp: 343920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 139.9 | 122.6 | 162.6 |
| 77 | 114.3 | 100.9 | 140.9 |



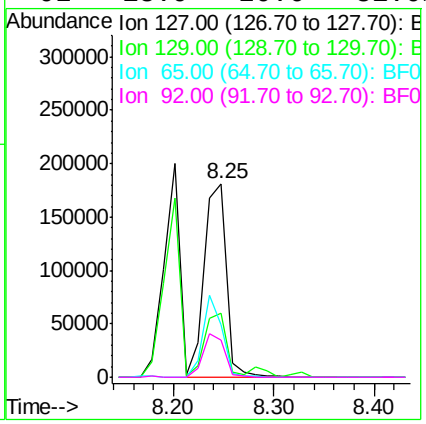


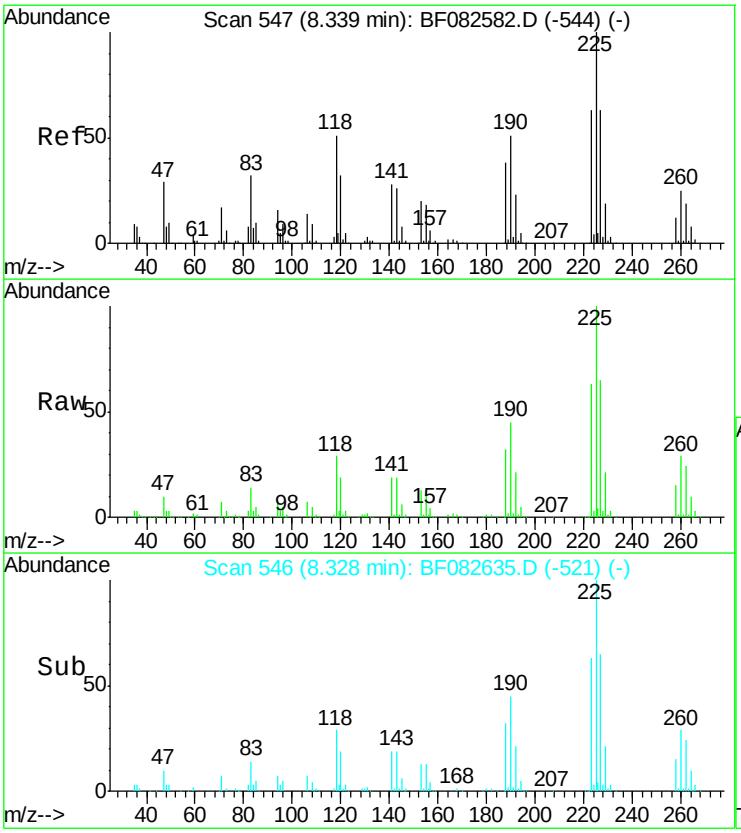

#33
4-Chloroaniline
Concen: 15.22 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:127 Resp: 278165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.9 | 26.3 | 39.5 |
| 65 | 27.4 | 37.8 | 56.8# |
| 92 | 18.9 | 20.6 | 31.0# |

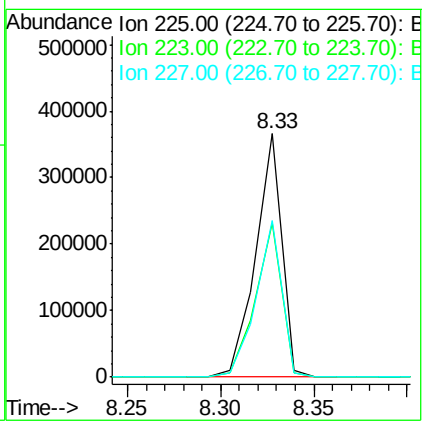


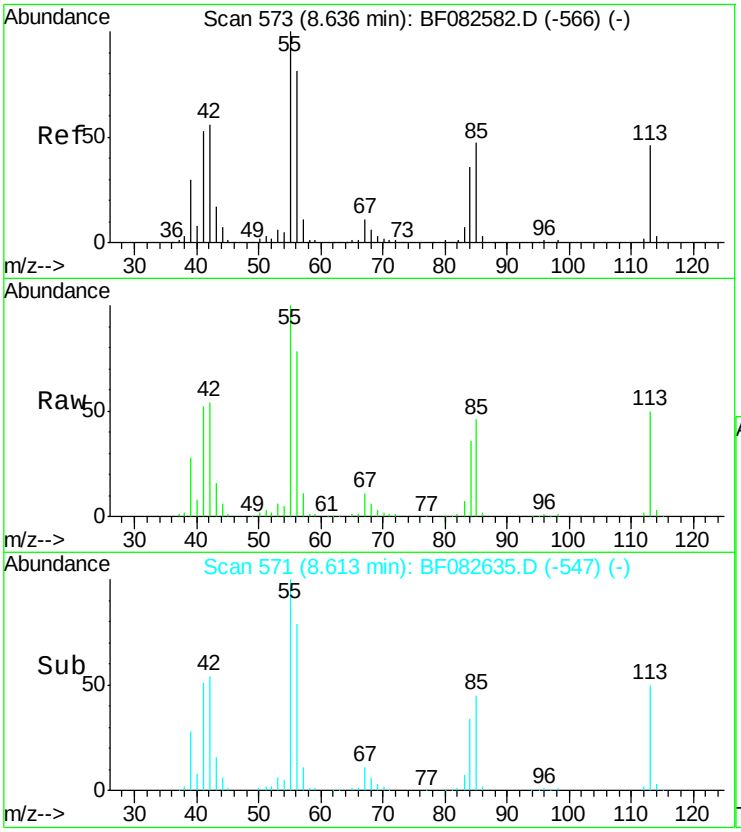




#34
Hexachlorobutadiene
Concen: 39.31 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:225 Resp: 353282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.4 | 50.5 | 75.7 |
| 227 | 64.5 | 50.2 | 75.2 |



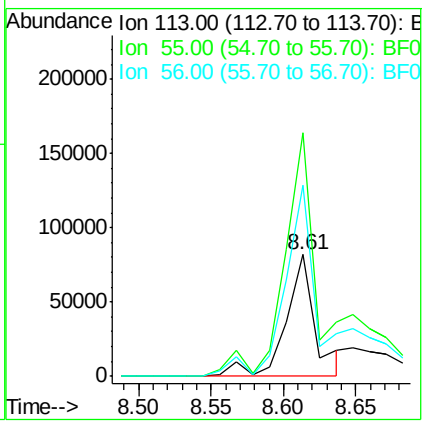


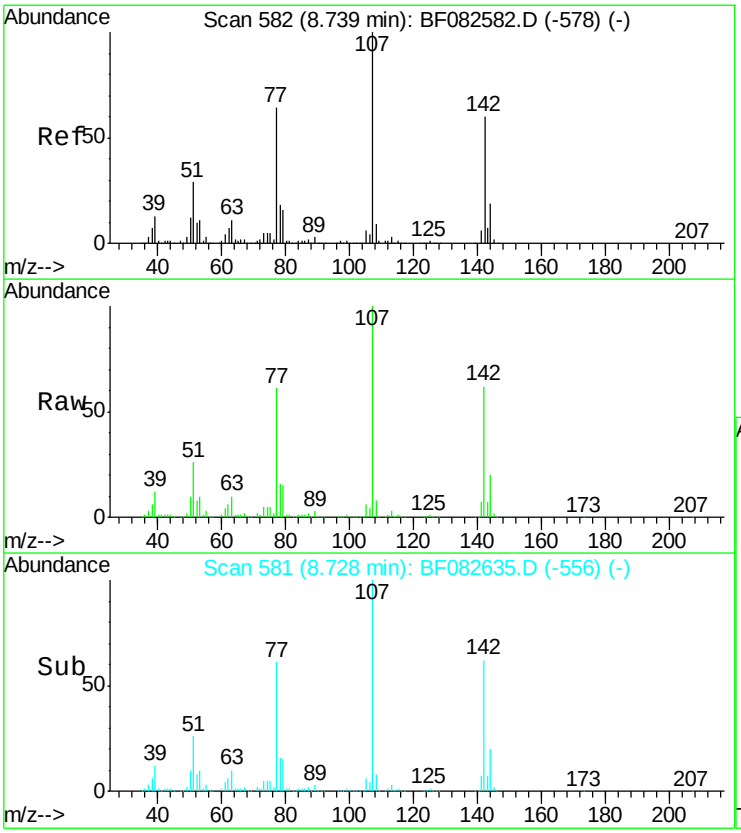

#35
Caprolactam
Concen: 29.45 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:113 Resp: 115036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 199.8 | 195.5 | 235.5 |
| 56 | 156.4 | 153.5 | 193.5 |

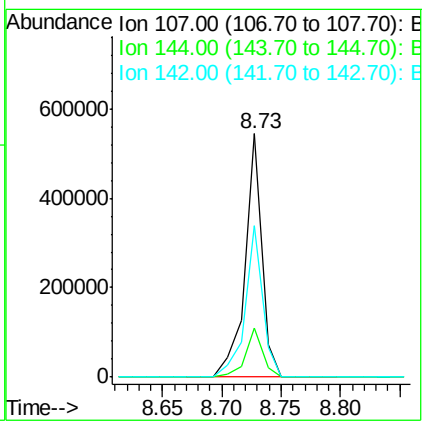


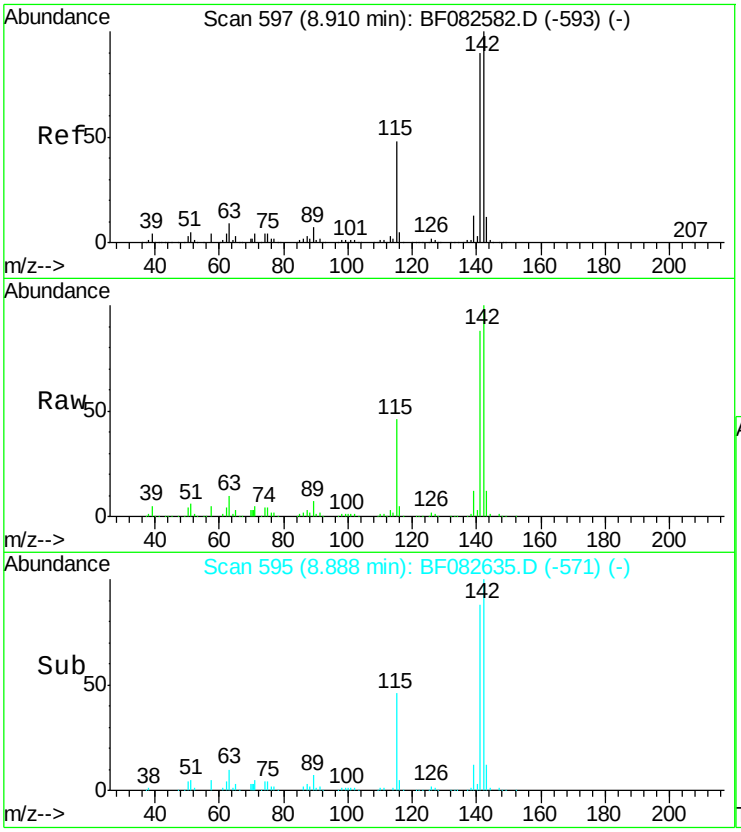




#36
4-Chloro-3-methylphenol
Concen: 36.29 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:107 Resp: 544049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 20.3 | 15.4 | 23.0 |
| 142 | 62.4 | 47.8 | 71.8 |



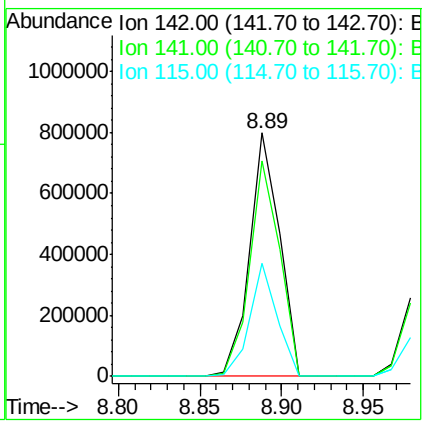


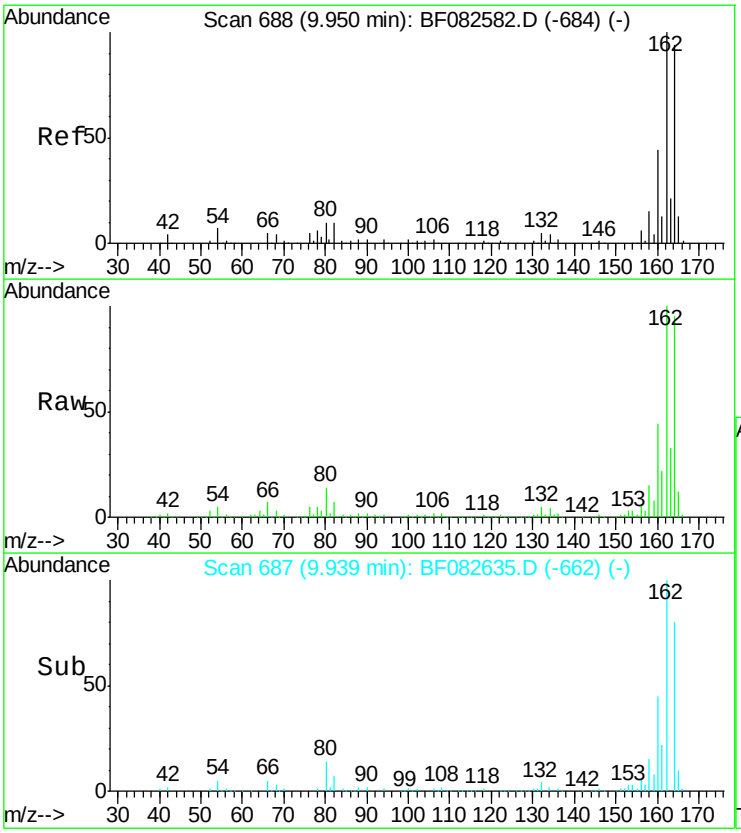

#37
2-Methylnaphthalene
Concen: 36.57 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:142 Resp: 1014998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.4 | 72.3 | 108.5 |
| 115 | 46.4 | 38.1 | 57.1 |

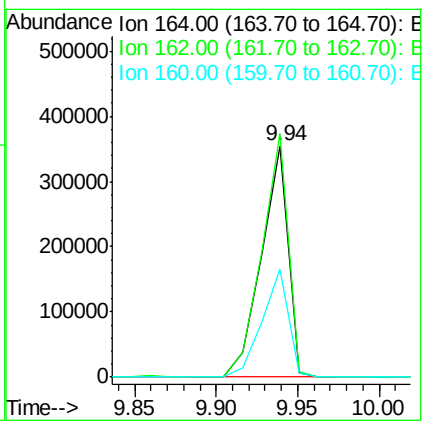


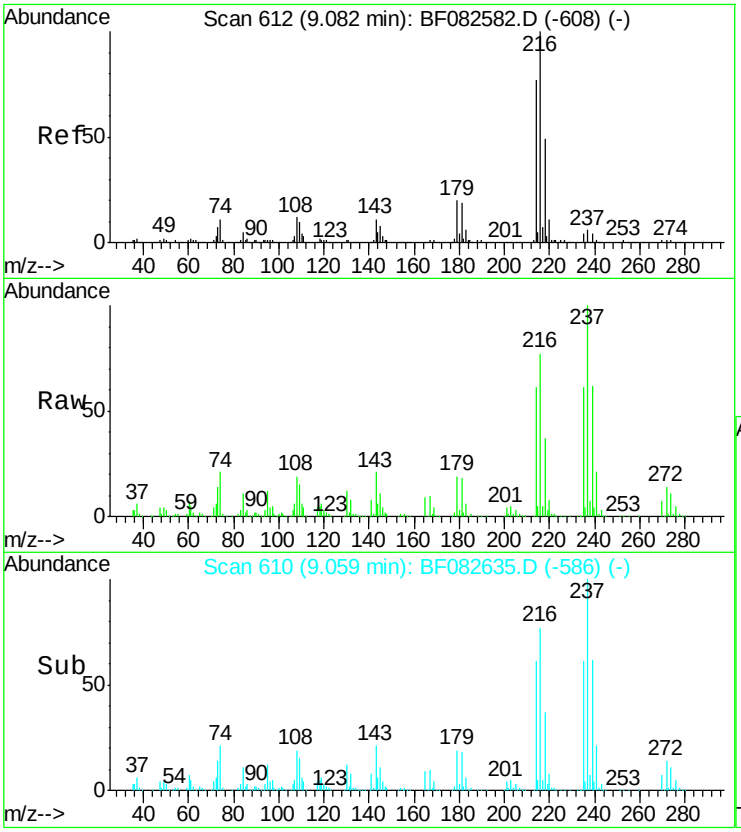




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:164 Resp: 403869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.4 | 84.9 | 127.3 |
| 160 | 46.7 | 37.5 | 56.3 |



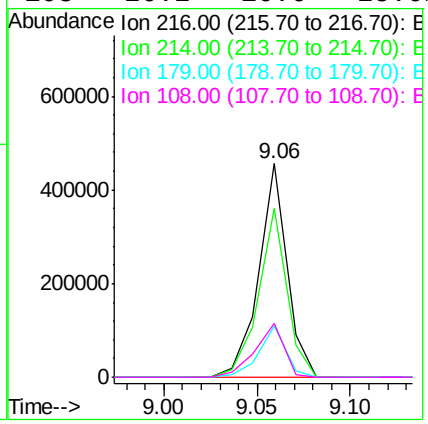


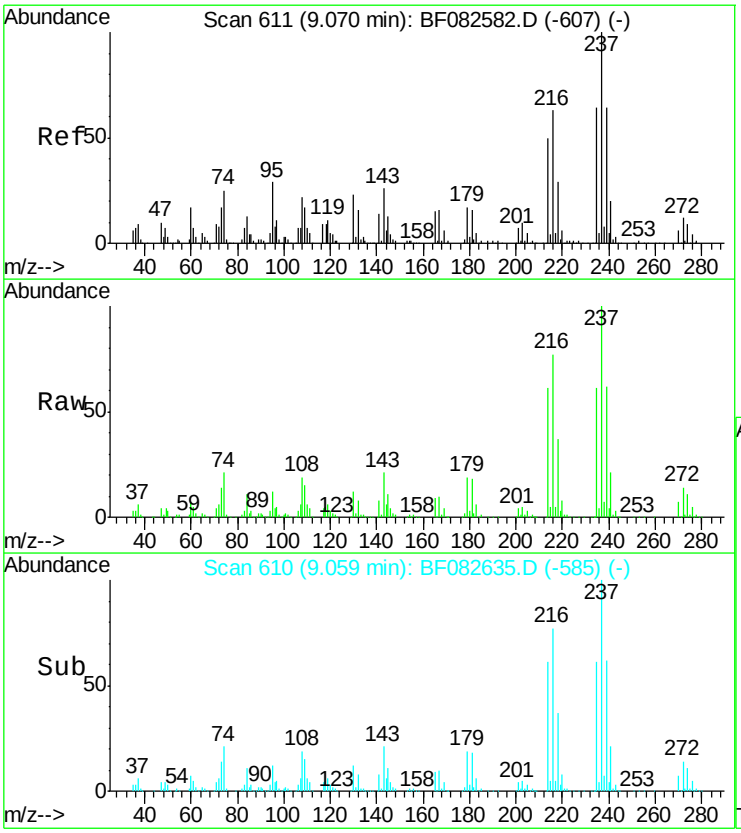

#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.27 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:216 Resp: 475343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.6 | 62.2 | 93.2 |
| 179 | 22.9 | 18.1 | 27.1 |
| 108 | 26.2 | 16.6 | 25.0# |

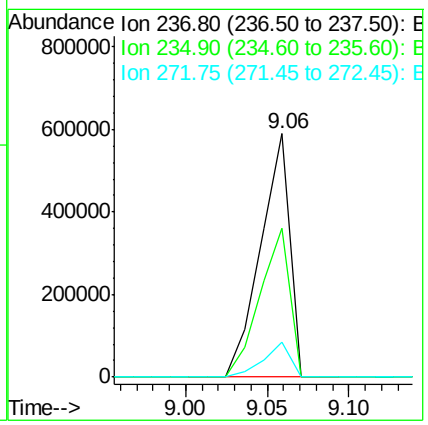


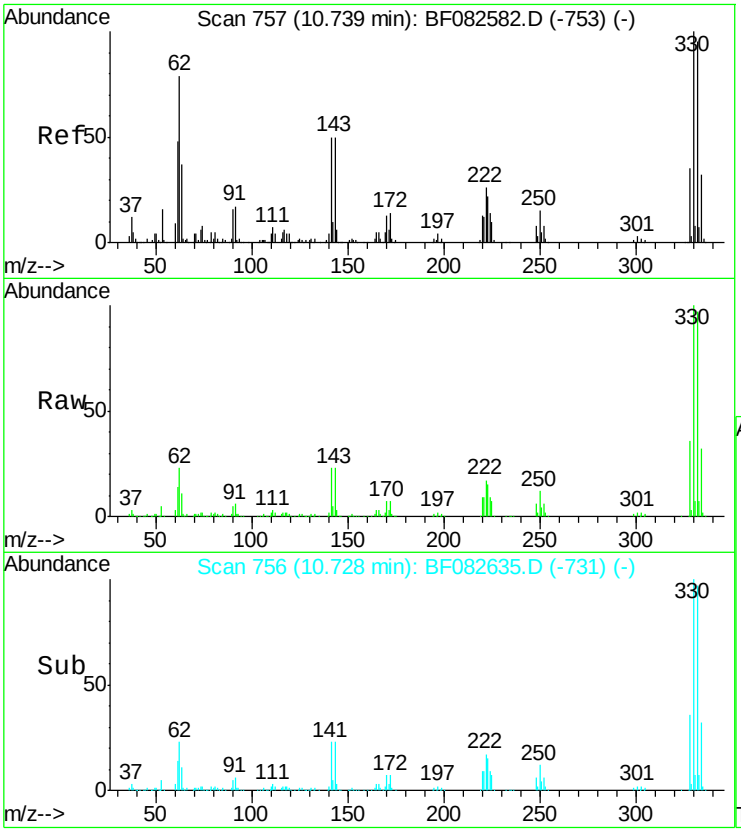




#40
Hexachlorocyclopentadiene
Concen: 86.68 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:237 Resp: 734381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.0 | 44.3 | 84.3 |
| 272 | 14.2 | 0.0 | 31.9 |



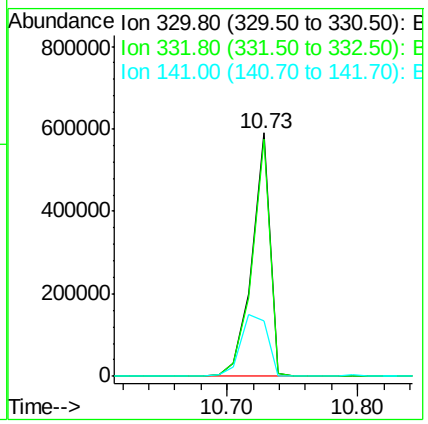


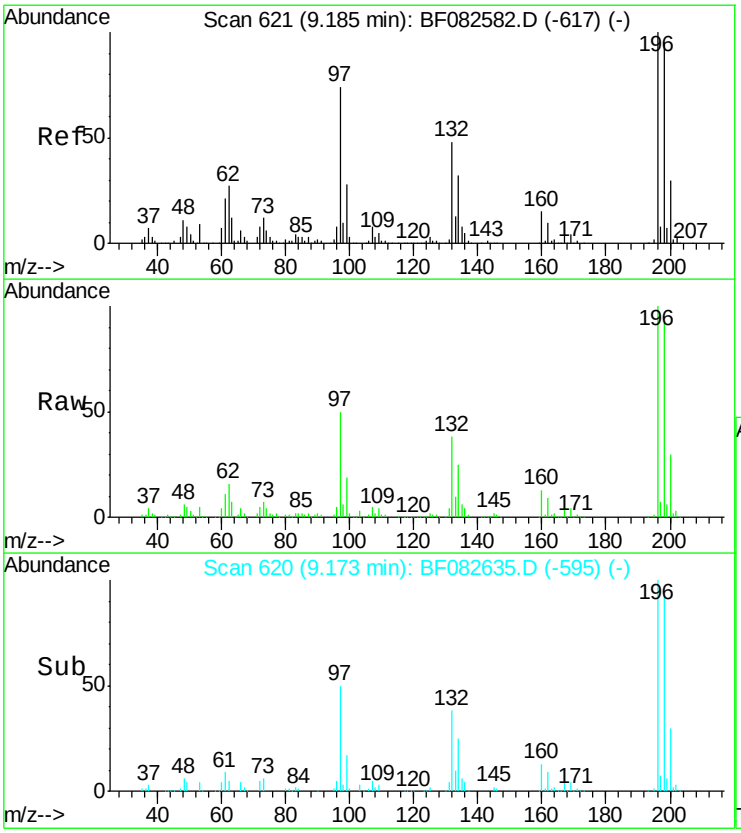

#41
2,4,6-Tribromophenol
Concen: 129.94 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:330 Resp: 574349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 76.6 | 114.8 |
| 141 | 37.5 | 41.2 | 61.8# |

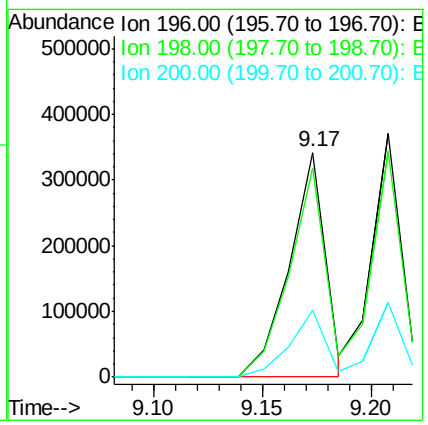


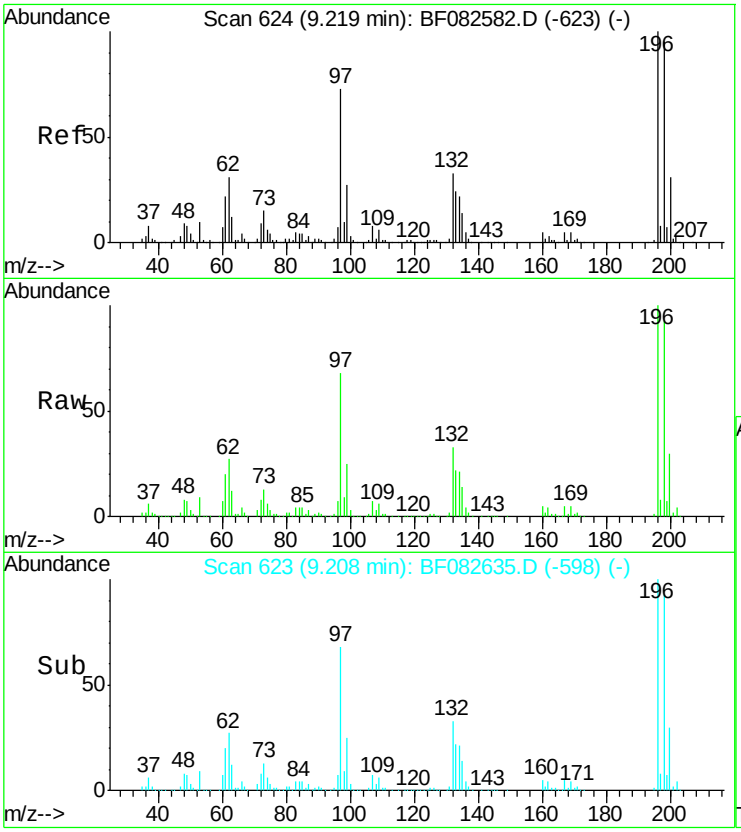




#42
2,4,6-Trichlorophenol
Concen: 40.56 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:196 Resp: 394681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.9 | 76.3 | 114.5 |
| 200 | 29.9 | 23.9 | 35.9 |



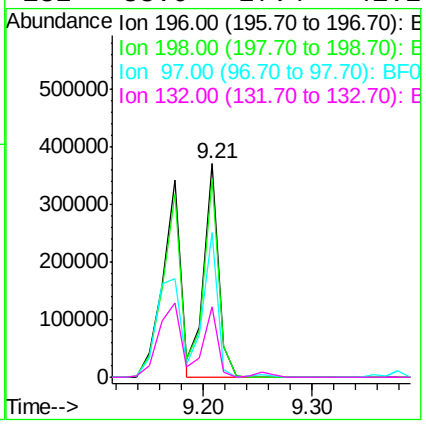


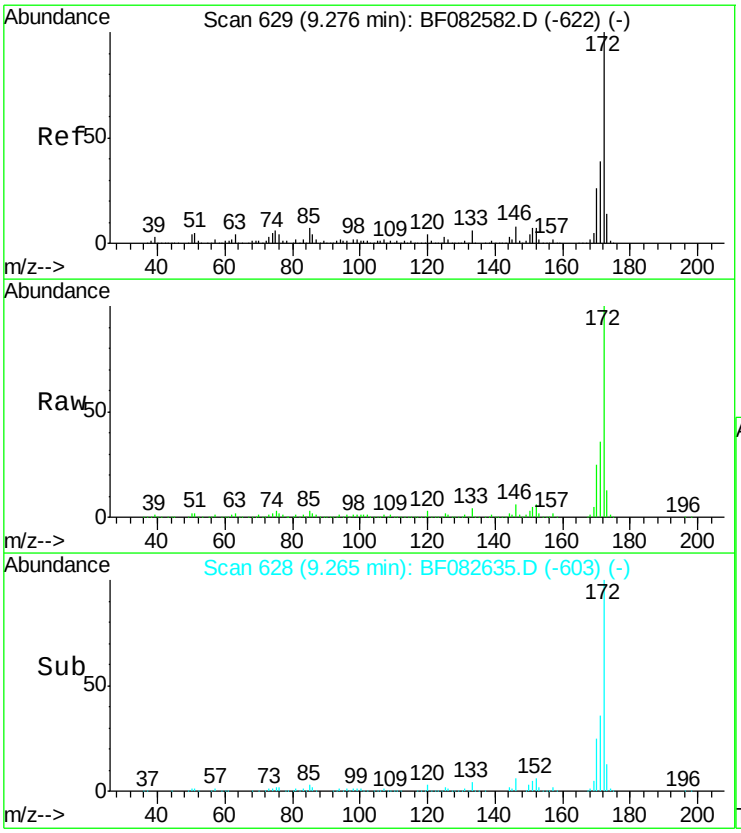

#43
2,4,5-Trichlorophenol
Concen: 36.47 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:196 Resp: 353623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.9 | 75.8 | 113.8 |
| 97 | 68.0 | 62.3 | 93.5 |
| 132 | 33.0 | 27.4 | 41.2 |

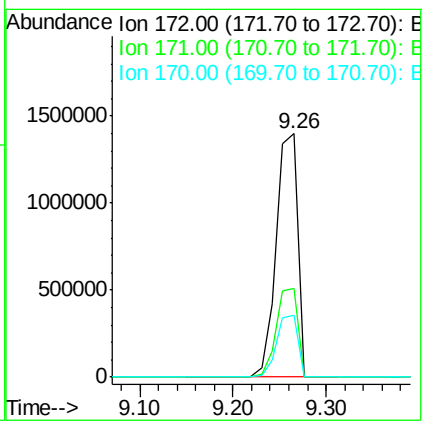


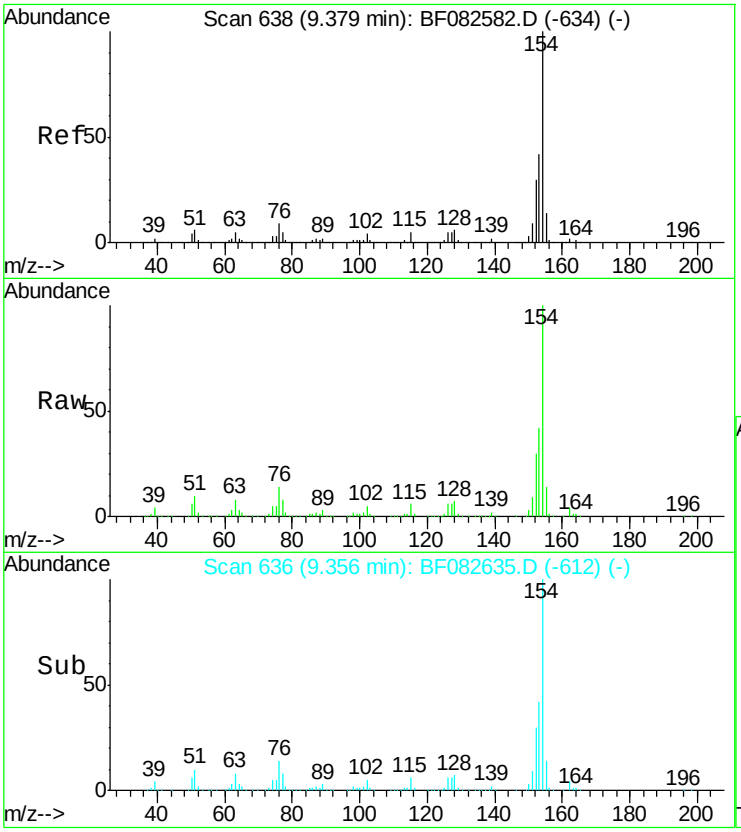




#44
2-Fluorobiphenyl
Concen: 77.67 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:172 Resp: 2209421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 30.8 | 46.2 |
| 170 | 25.3 | 21.2 | 31.8 |



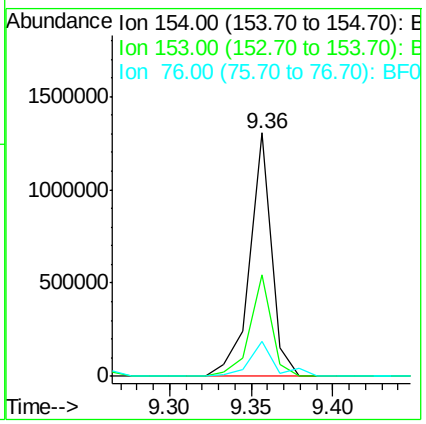


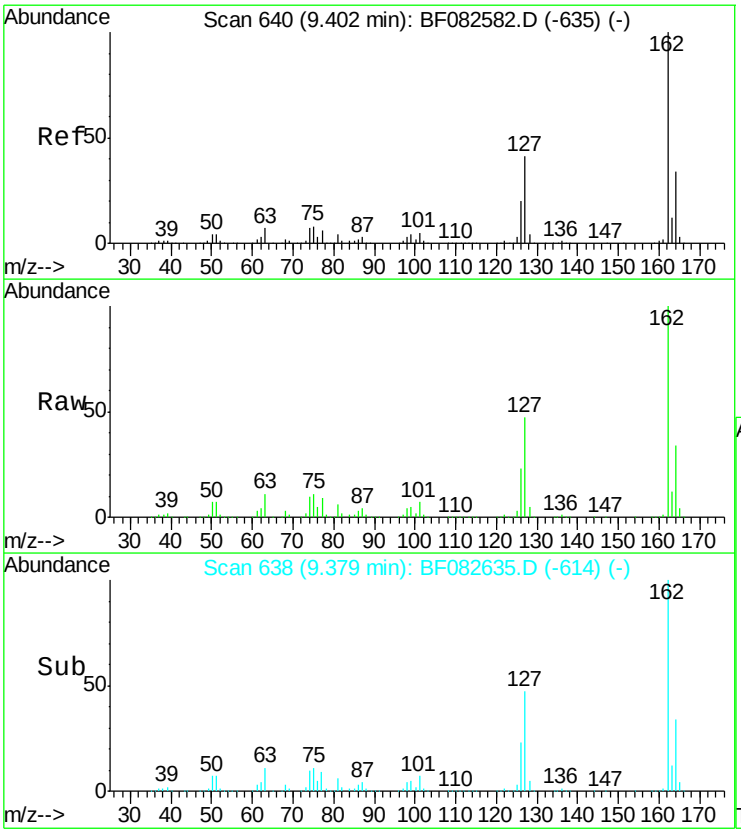

#45
1,1'-Biphenyl
Concen: 35.53 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:154 Resp: 1212189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.7 | 22.0 | 62.0 |
| 76 | 14.4 | 0.0 | 29.0 |

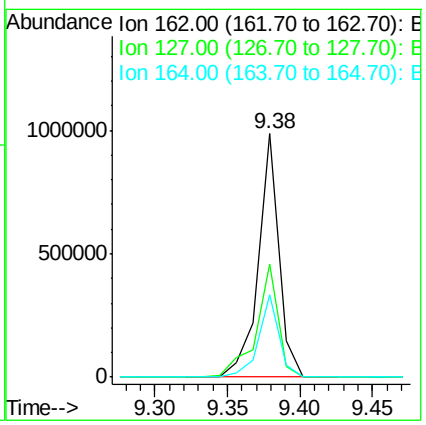


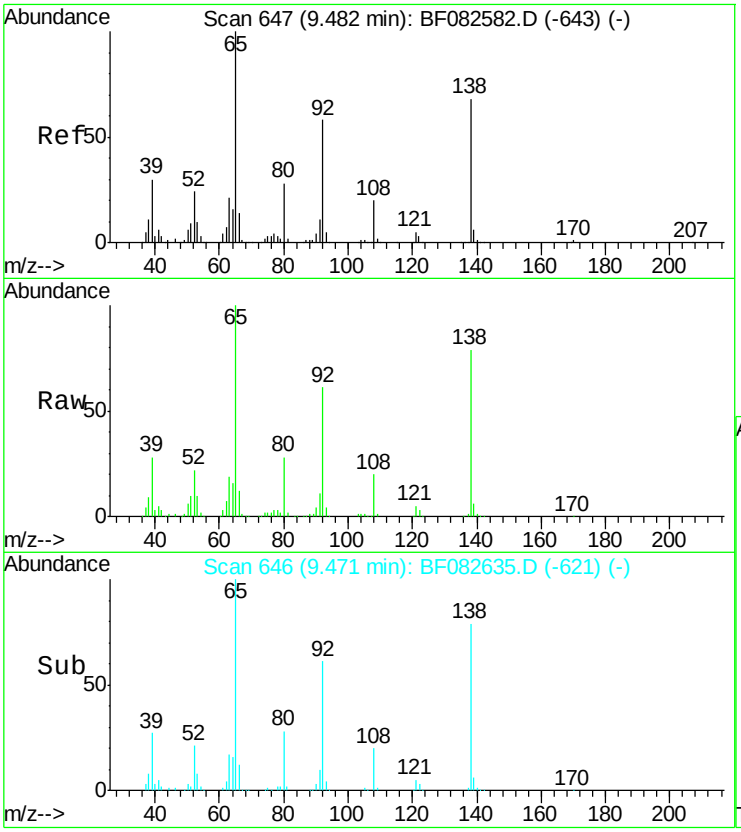




#46
2-Chloronaphthalene
Concen: 36.48 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:162 Resp: 971729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 46.6 | 32.7 | 49.1 |
| 164 | 33.7 | 27.4 | 41.0 |



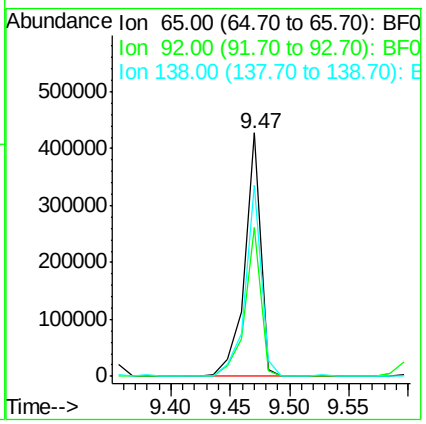


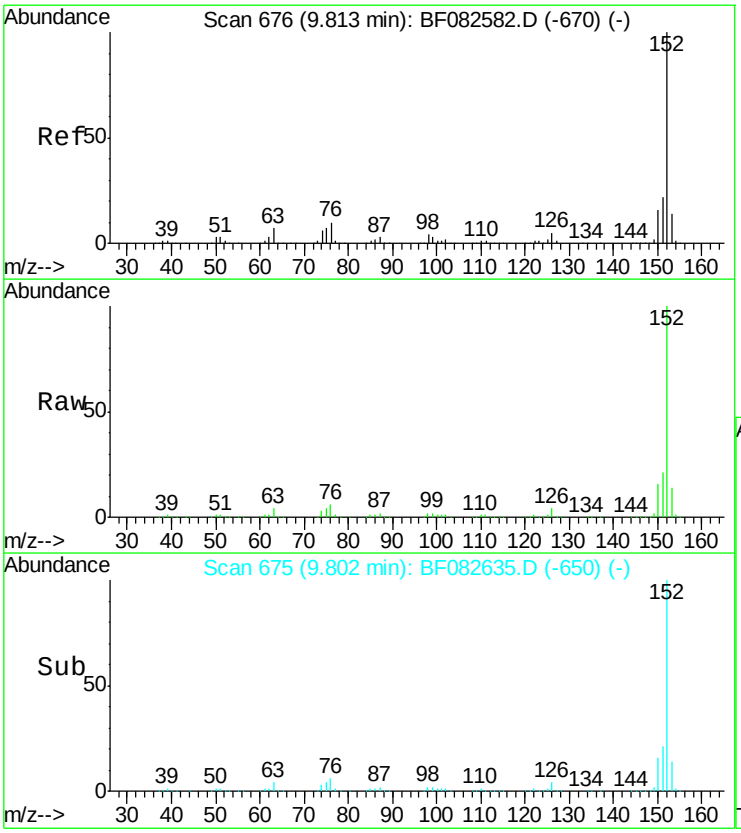

#47
2-Nitroaniline
Concen: 38.91 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion: 65 Resp: 402872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 61.0 | 46.6 | 70.0 |
| 138 | 78.6 | 54.6 | 81.8 |

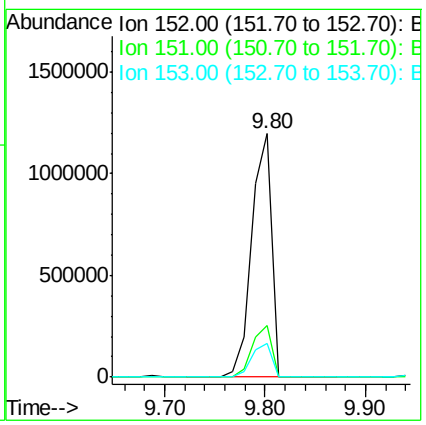


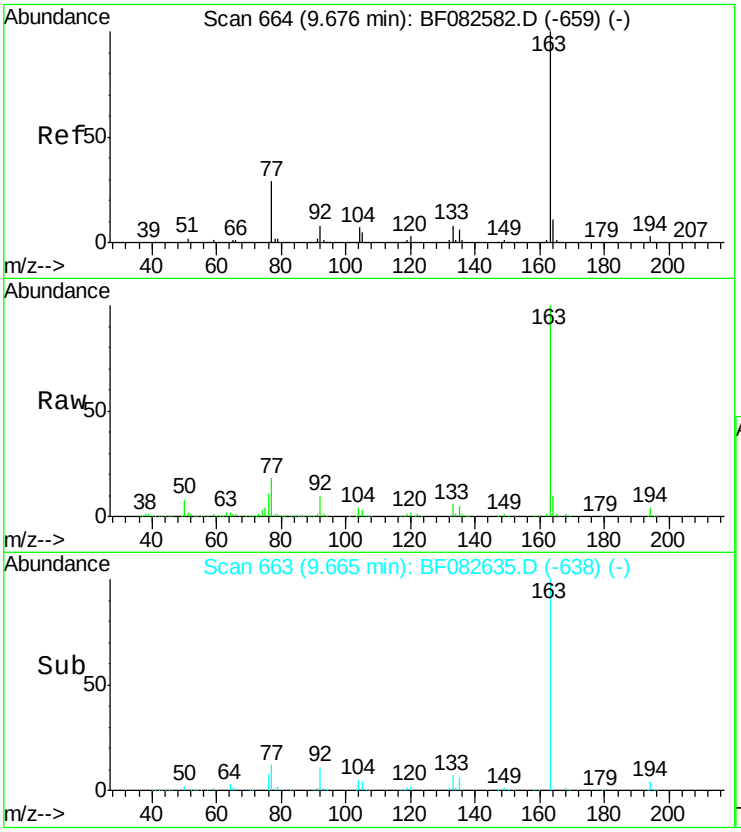




#48
Acenaphthylene
Concen: 38.35 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:152 Resp: 1634137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.2 | 17.3 | 25.9 |
| 153 | 13.6 | 11.3 | 16.9 |



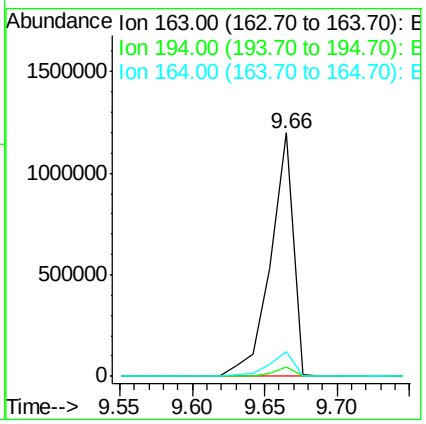


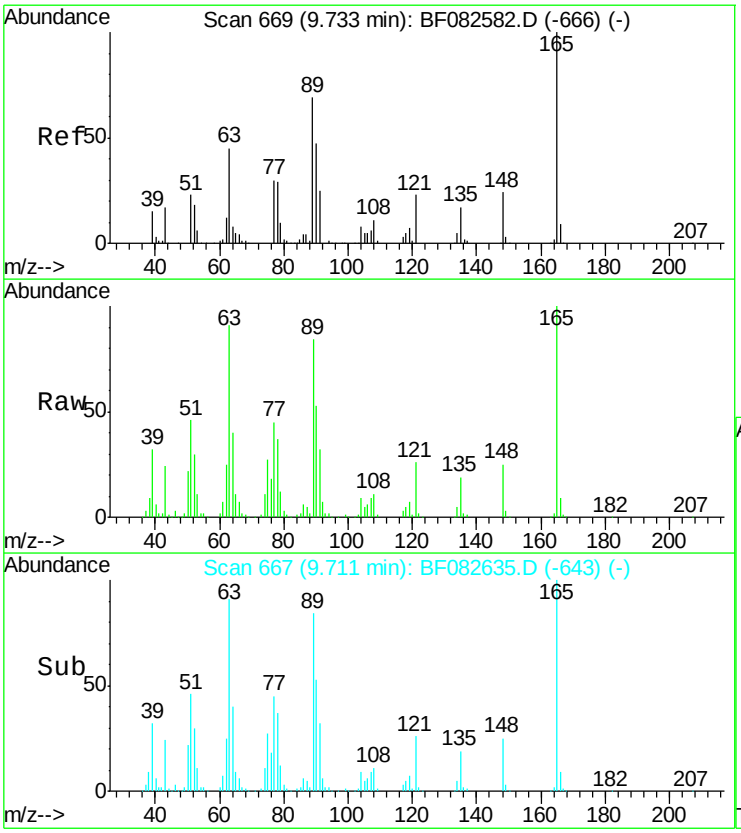

#49
Dimethylphthalate
Concen: 39.46 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:163 Resp: 1301549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 2.6 | 4.0 |
| 164 | 10.1 | 8.7 | 13.1 |

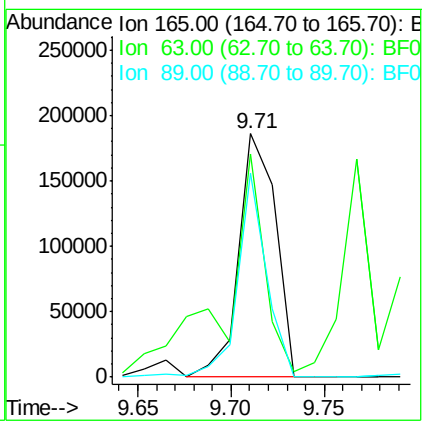


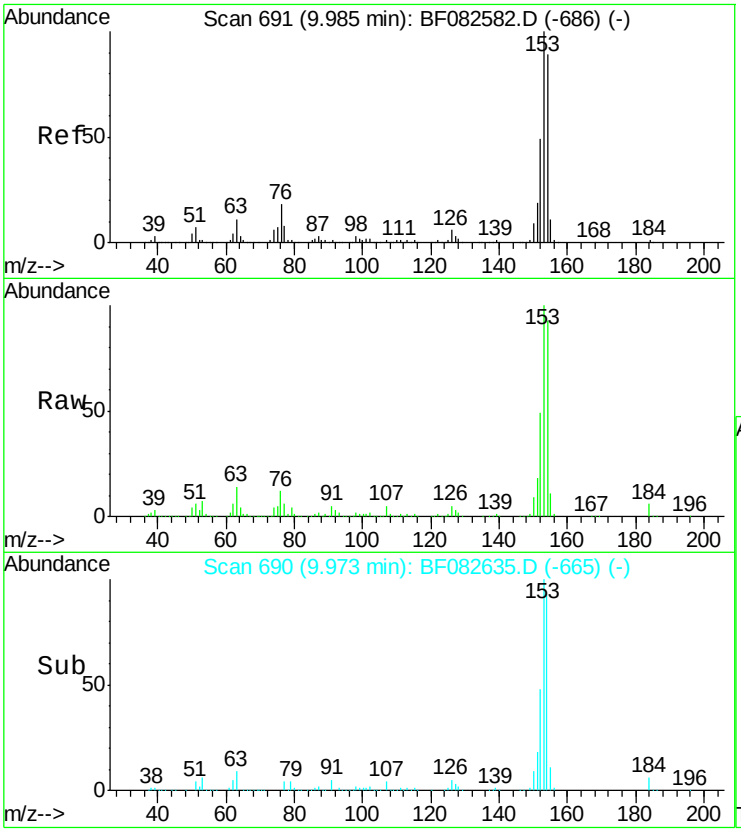




#50
2,6-Dinitrotoluene
Concen: 37.23 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:165 Resp: 254506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 91.4 | 55.5 | 83.3# |
| 89 | 83.9 | 55.0 | 82.6# |



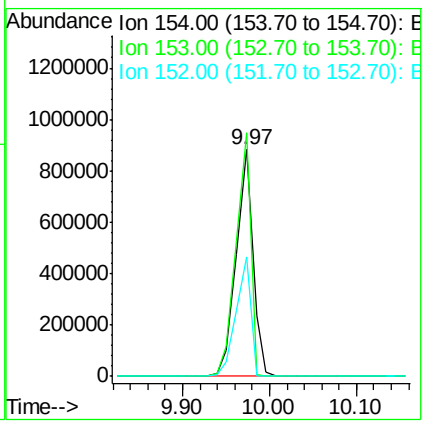


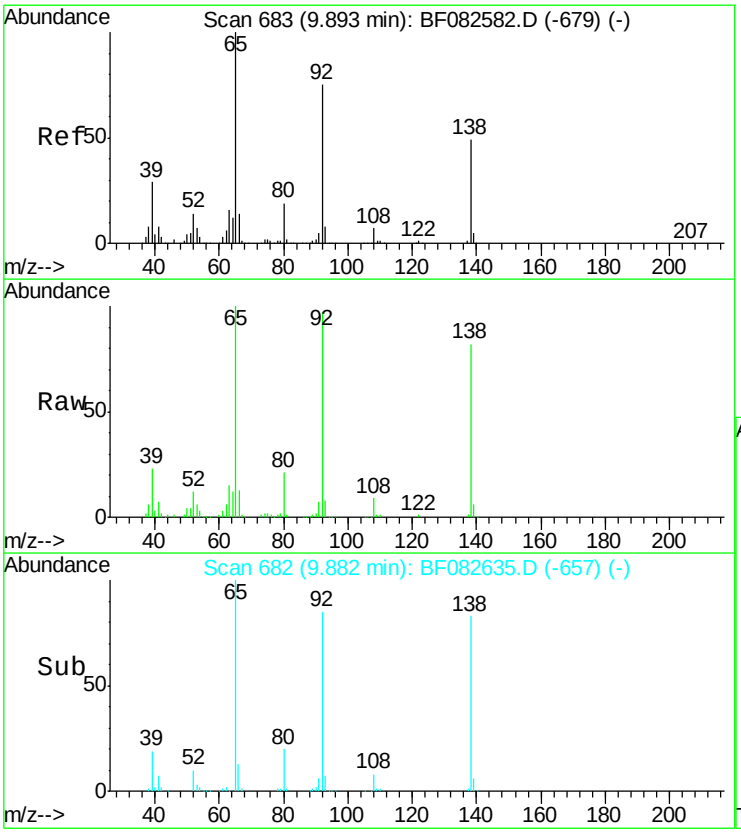

#51
Acenaphthene
Concen: 43.75 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:154 Resp: 1183238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 107.3 | 90.1 | 135.1 |
| 152 | 52.6 | 44.3 | 66.5 |

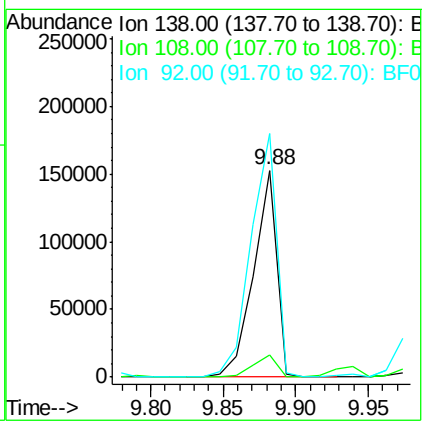


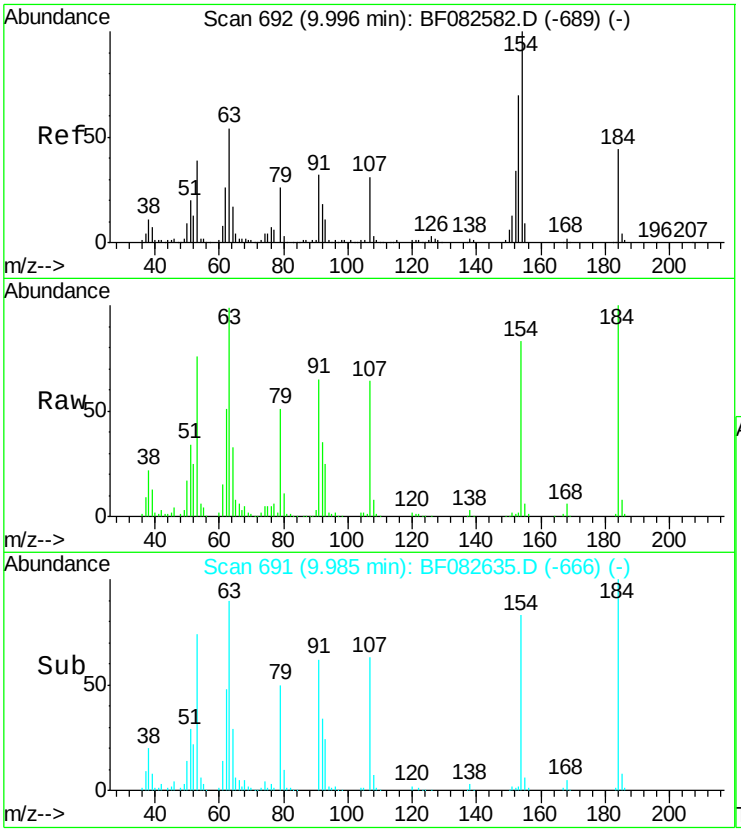




#52
3-Nitroaniline
Concen: 22.28 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:138 Resp: 169450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.5 | 11.3 | 16.9# |
| 92 | 117.7 | 122.4 | 183.6# |



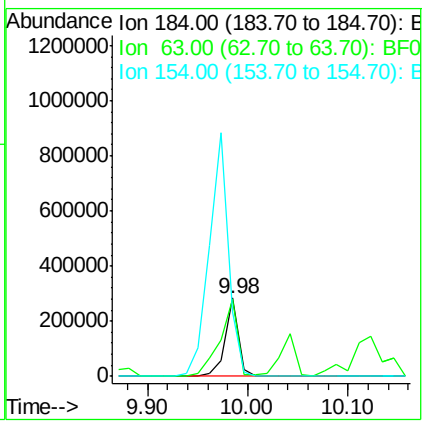


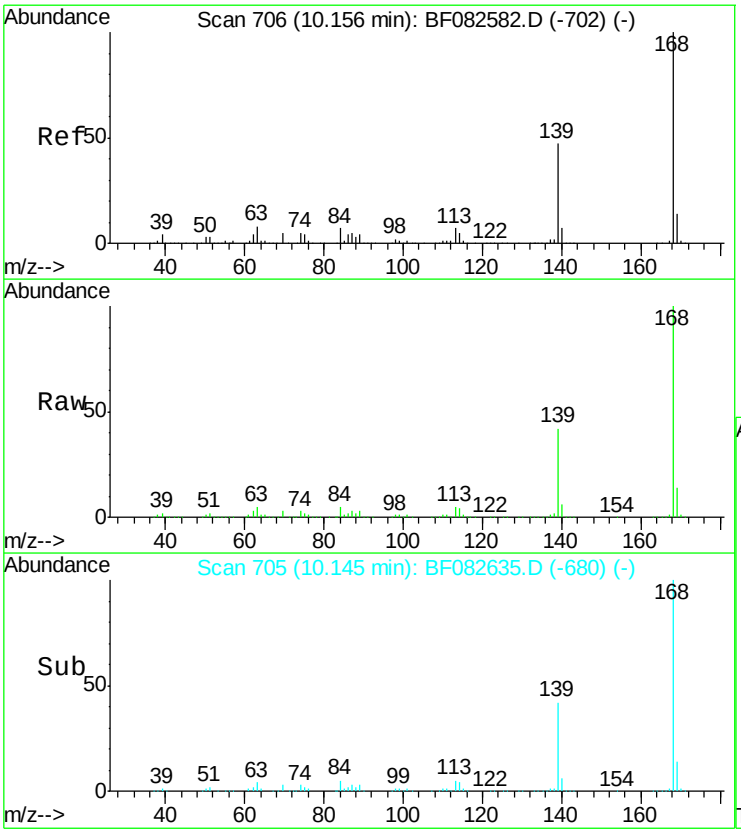

#53
2,4-Dinitrophenol
Concen: 72.65 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:184 Resp: 262136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 99.5 | 98.6 | 148.0 |
| 154 | 82.5 | 183.9 | 275.9# |

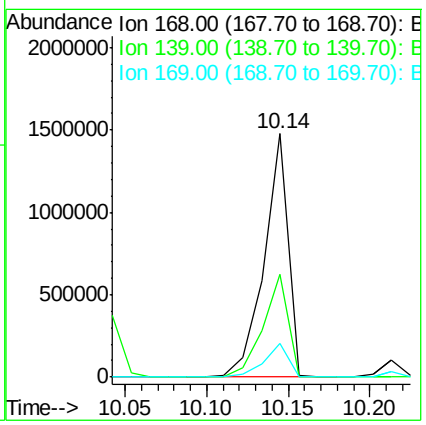


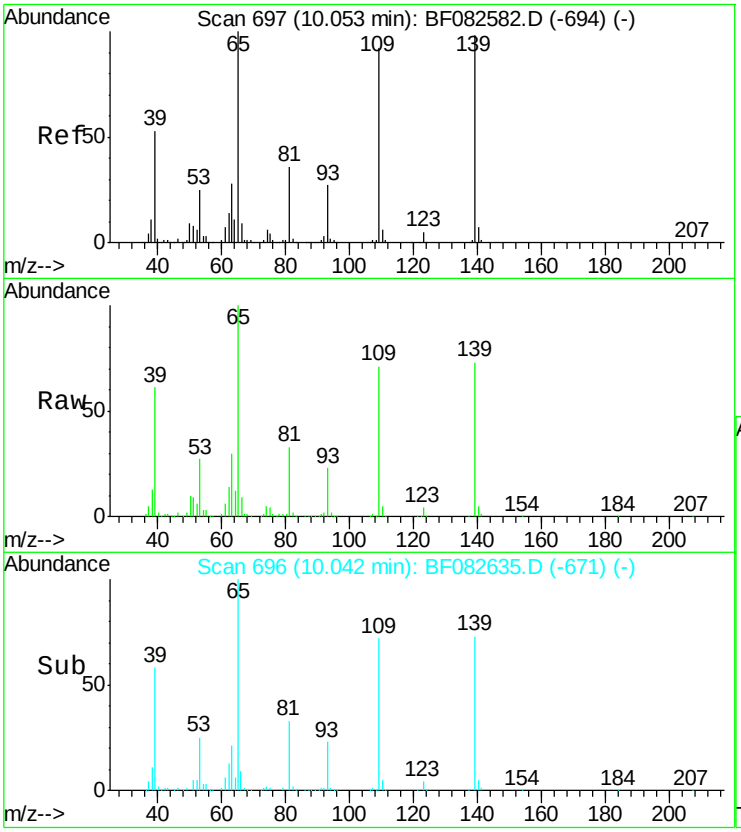




#54
Dibenzofuran
Concen: 41.20 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:168 Resp: 1512141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 42.1 | 37.8 | 56.6 |
| 169 | 14.0 | 11.3 | 16.9 |



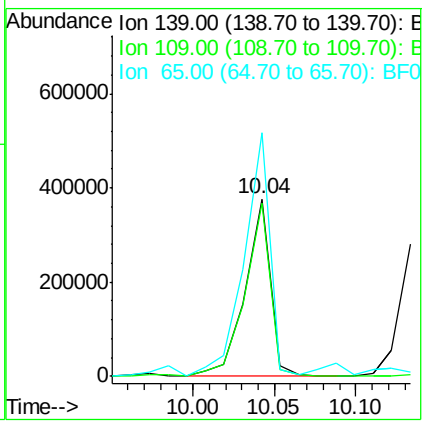


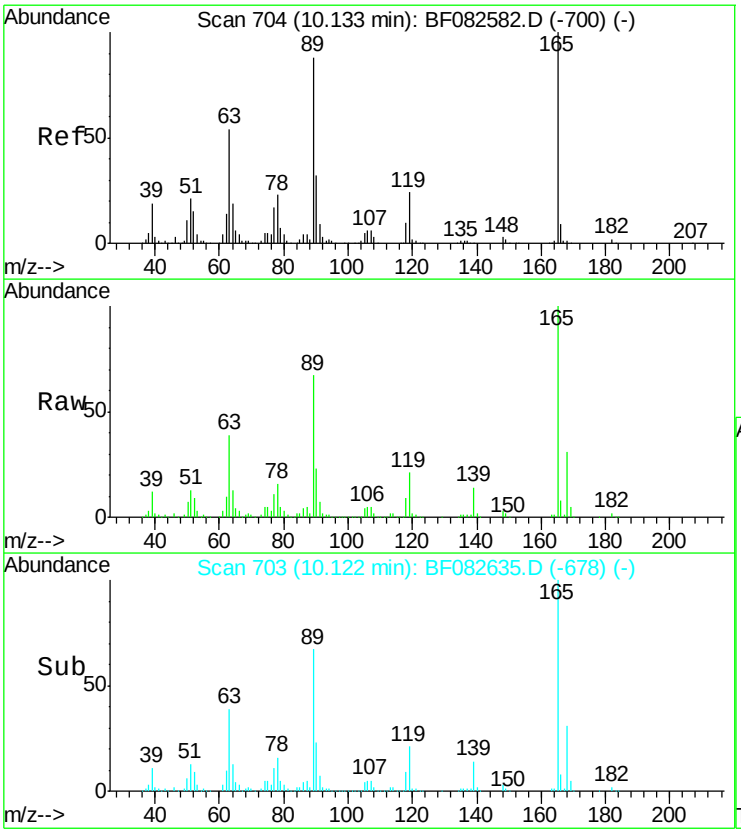

#55
4-Nitrophenol
Concen: 71.03 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:139 Resp: 406480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 97.7 | 73.7 | 113.7 |
| 65 | 137.0 | 82.9 | 122.9# |

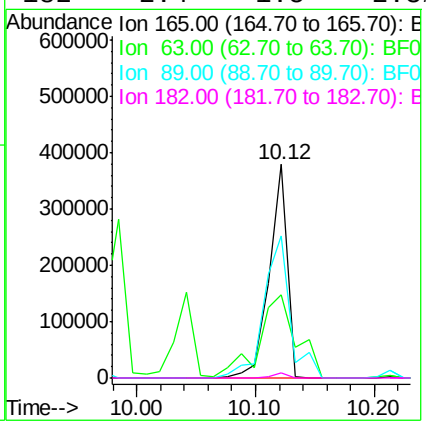


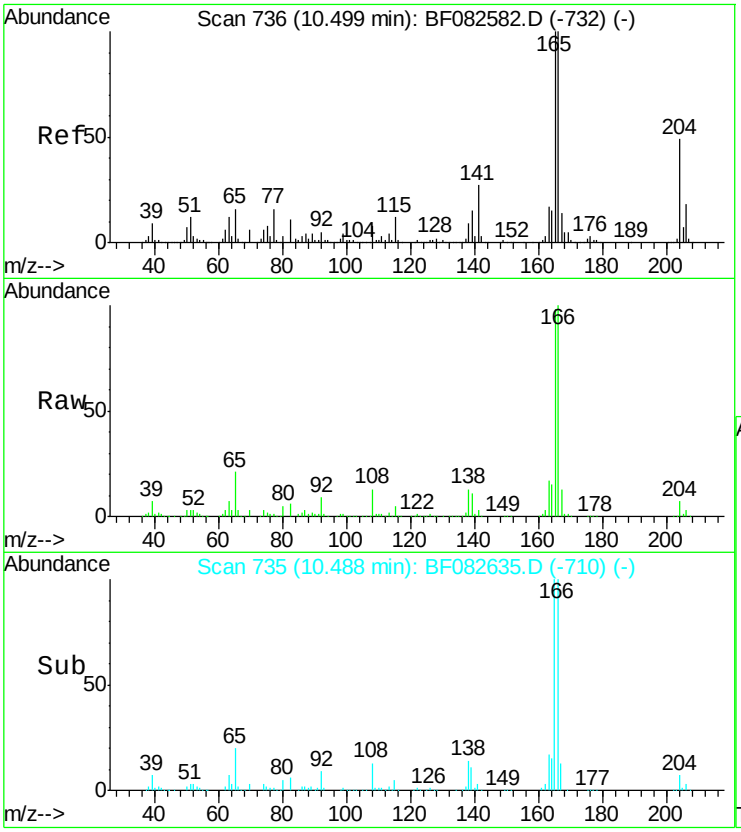




#56
2,4-Dinitrotoluene
Concen: 43.29 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:165 Resp: 400217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 38.8 | 43.4 | 65.0# |
| 89 | 66.7 | 70.6 | 106.0# |
| 182 | 2.4 | 1.5 | 2.3# |



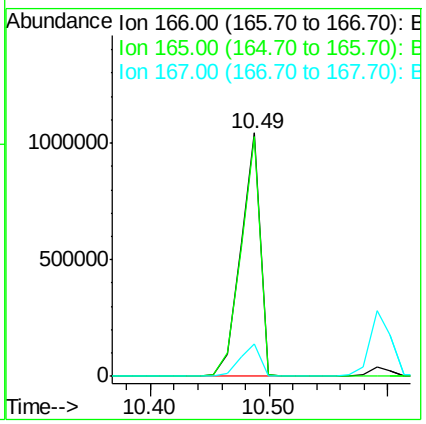


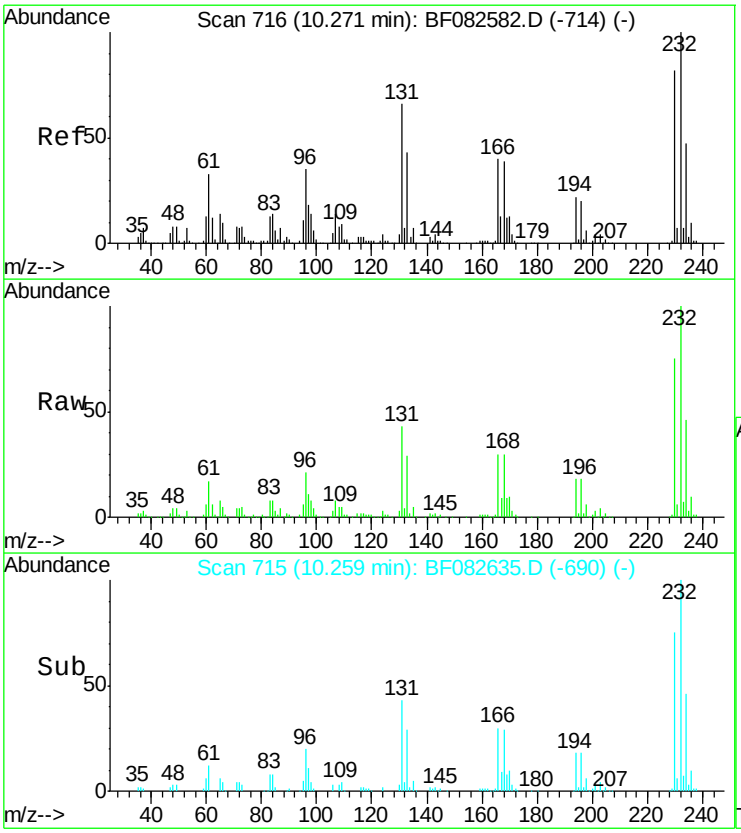

#57
Fluorene
Concen: 40.03 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:166 Resp: 1185071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.3 | 80.2 | 120.4 |
| 167 | 13.3 | 11.2 | 16.8 |

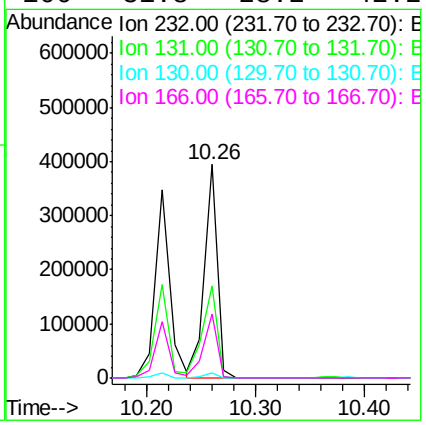


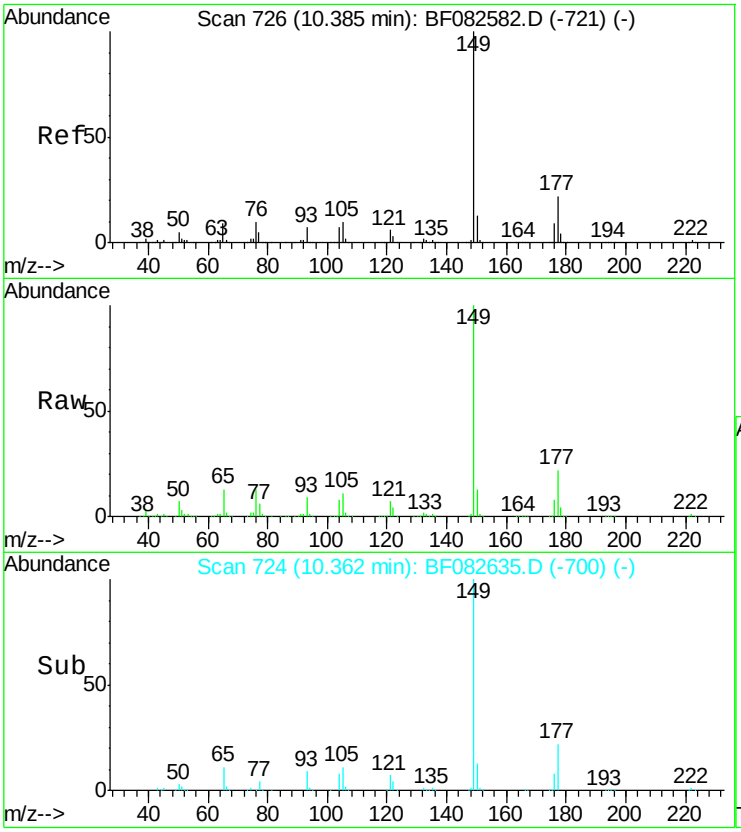




#58
2,3,4,6-Tetrachlorophenol
Concen: 40.57 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:232 Resp: 332476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 48.6 | 46.2 | 69.2 |
| 130 | 2.6 | 2.4 | 3.6 |
| 166 | 31.8 | 28.2 | 42.2 |



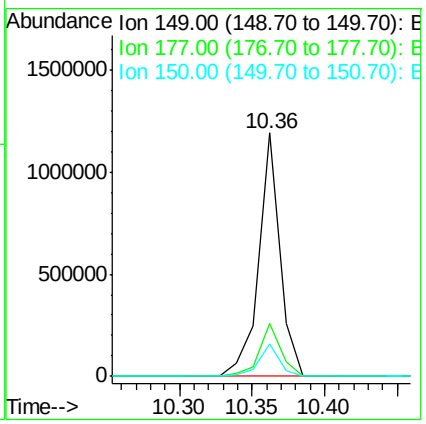


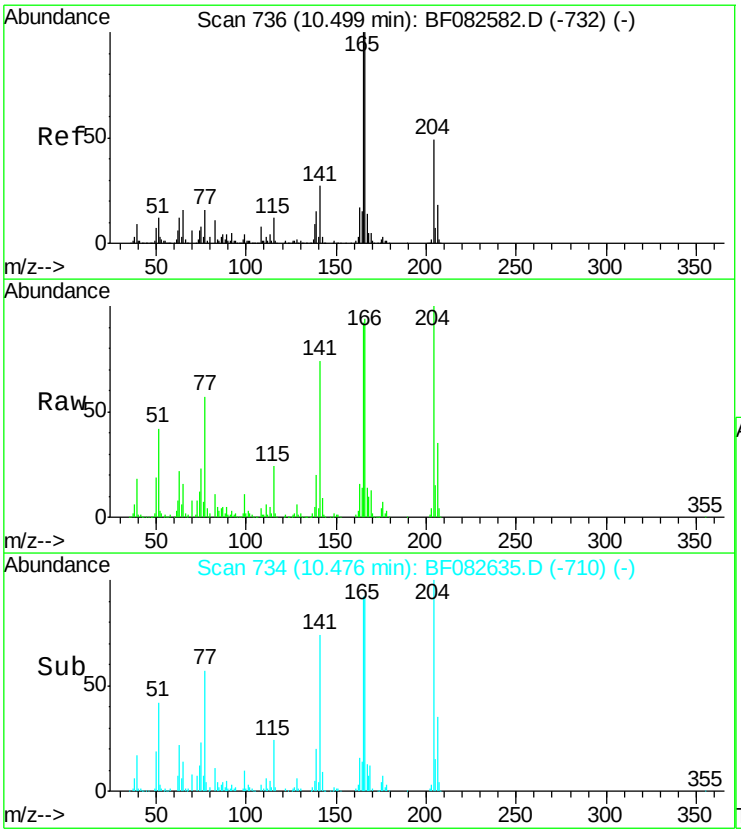

#59
Diethylphthalate
Concen: 36.17 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:149 Resp: 1214687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.7 | 17.9 | 26.9 |
| 150 | 13.3 | 10.1 | 15.1 |

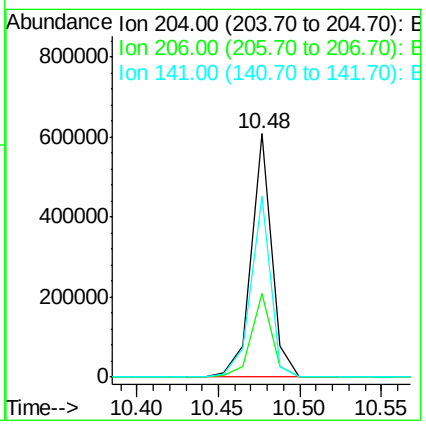


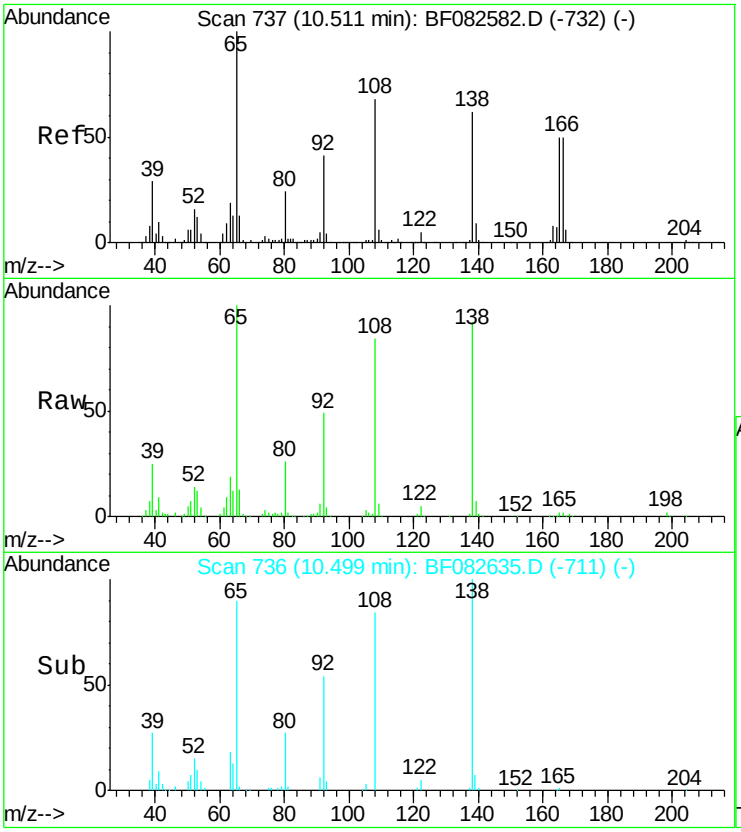




#60
4-Chlorophenyl-phenylether
Concen: 36.80 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:204 Resp: 529580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.6 | 28.5 | 42.7 |
| 141 | 74.4 | 44.6 | 66.8# |



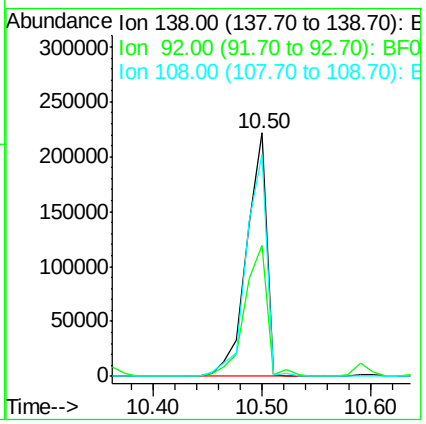


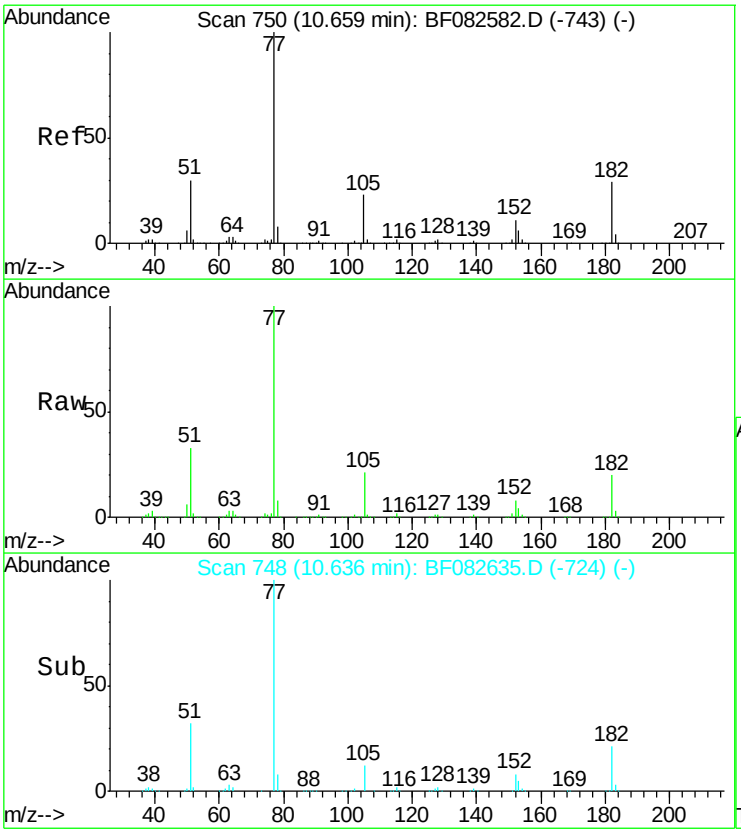

#61
4-Nitroaniline
Concen: 39.06 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:138 Resp: 283528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 53.6 | 45.8 | 85.8 |
| 108 | 91.3 | 89.4 | 129.4 |

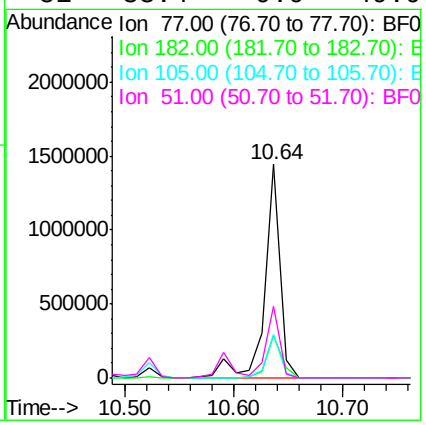


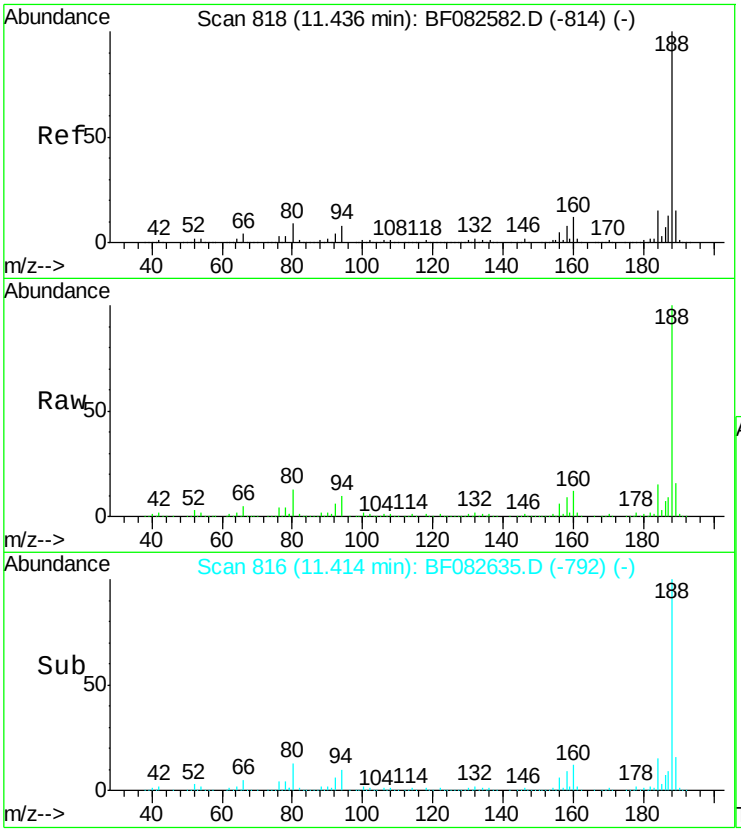




#62
Azobenzene
Concen: 38.27 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion: 77 Resp: 1449039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 19.8 | 9.3 | 49.3 |
| 105 | 20.6 | 2.6 | 42.6 |
| 51 | 33.4 | 9.9 | 49.9 |



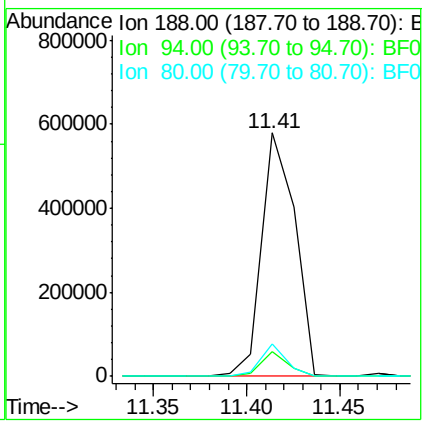


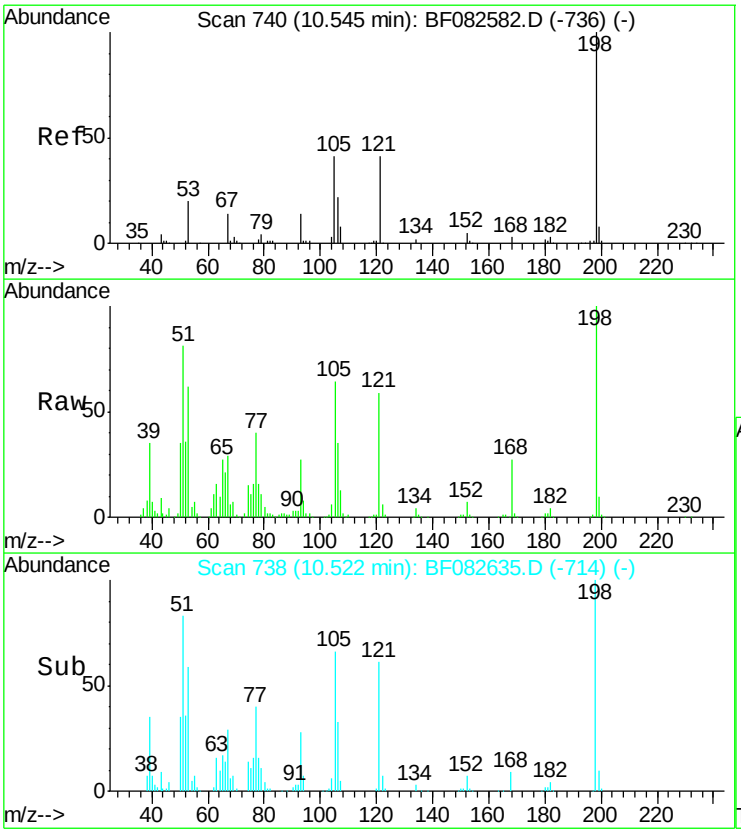

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:188 Resp: 718034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 6.1 | 9.1# |
| 80 | 13.1 | 7.0 | 10.6# |

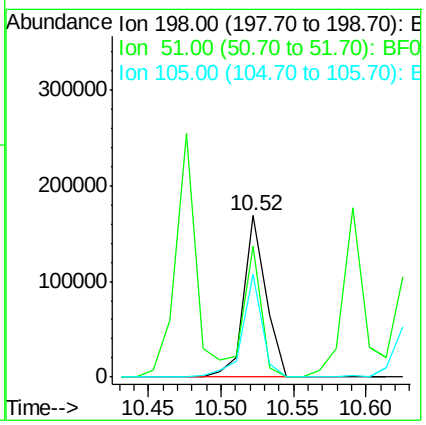


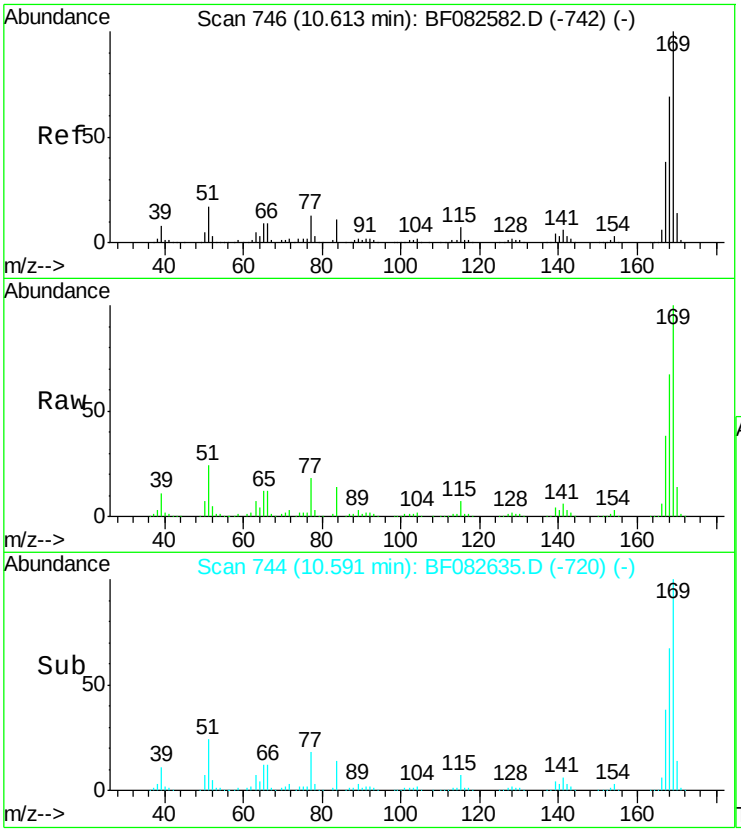




#64
4,6-Dinitro-2-methylphenol
Concen: 41.46 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:198 Resp: 179550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 81.2 | 17.3 | 57.3# |
| 105 | 64.0 | 21.7 | 61.7# |



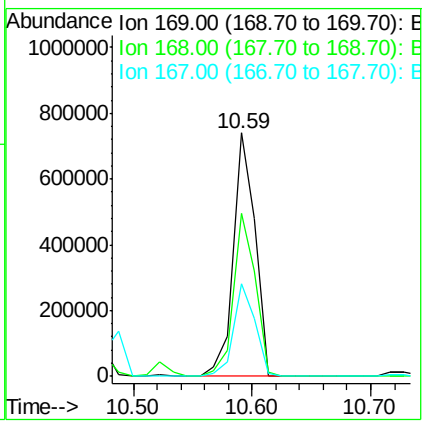


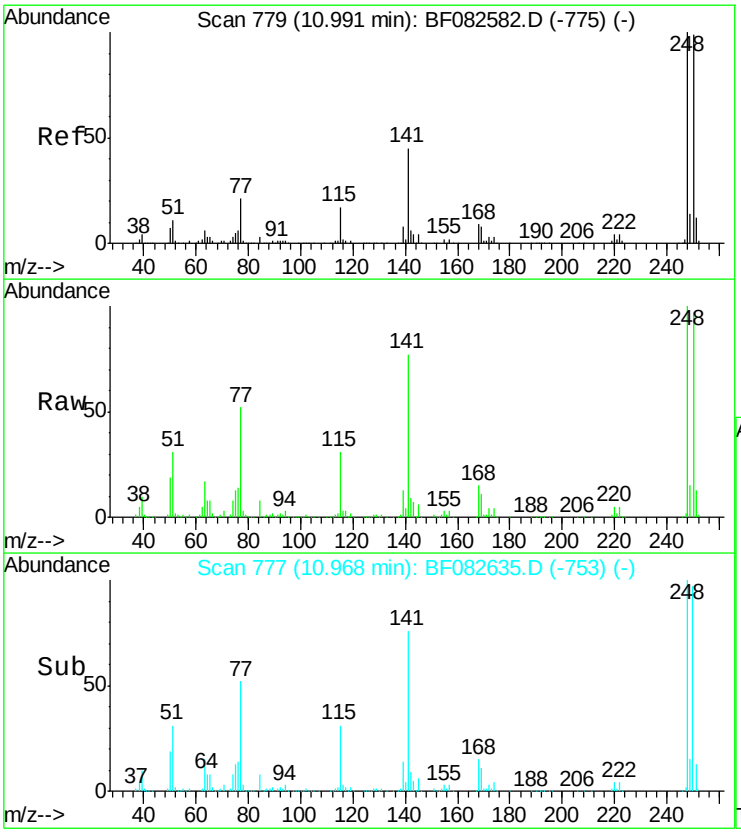

#65
n-Nitrosodiphenylamine
Concen: 38.21 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:169 Resp: 943112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.9 | 55.0 | 82.6 |
| 167 | 37.8 | 30.5 | 45.7 |

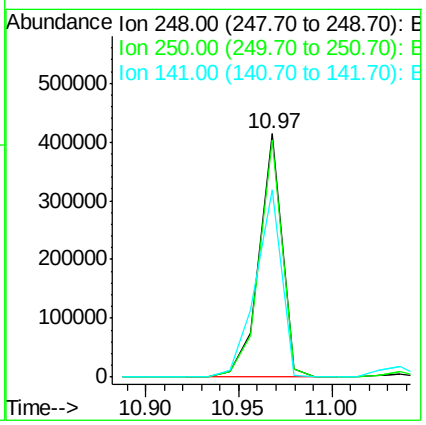


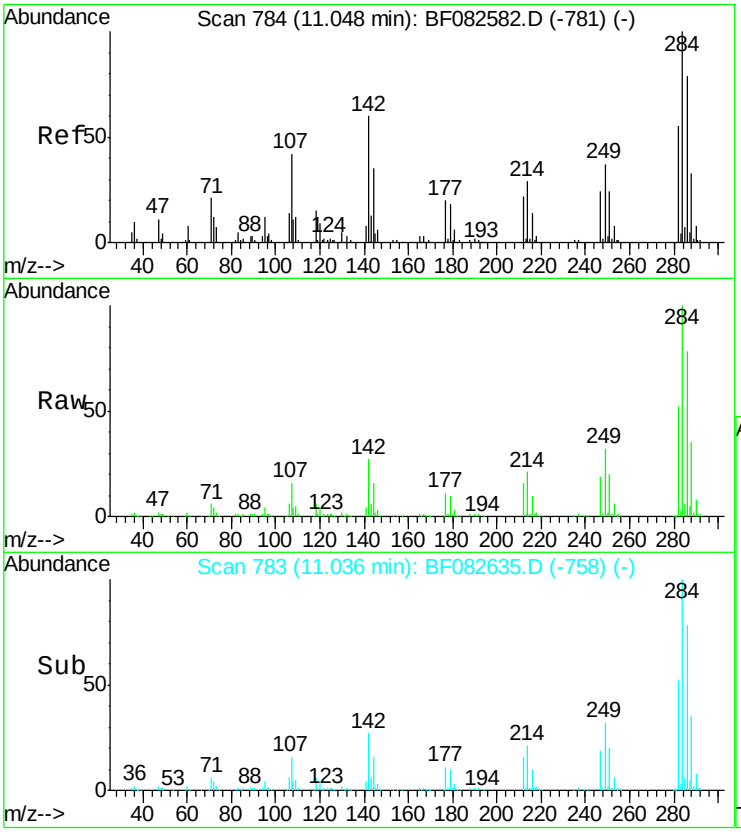




#66
4-Bromophenyl-phenylether
Concen: 43.11 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:248 Resp: 350829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.2 | 79.4 | 119.2 |
| 141 | 77.2 | 36.3 | 54.5# |



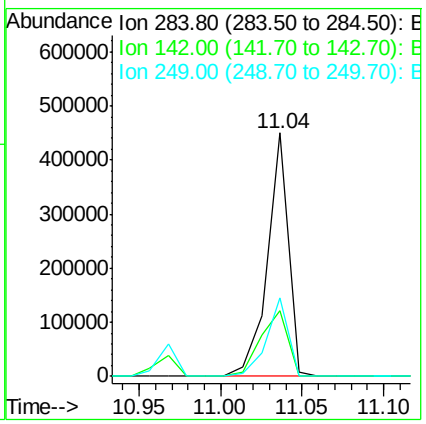


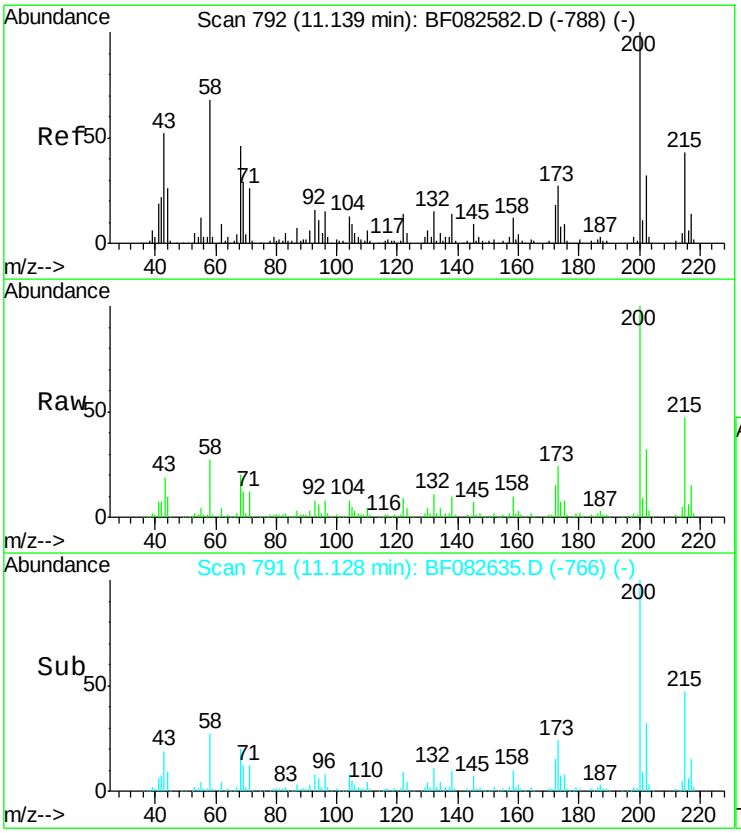

#67
Hexachlorobenzene
Concen: 44.62 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:284 Resp: 402609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 26.9 | 47.9 | 71.9# |
| 249 | 32.5 | 29.7 | 44.5 |

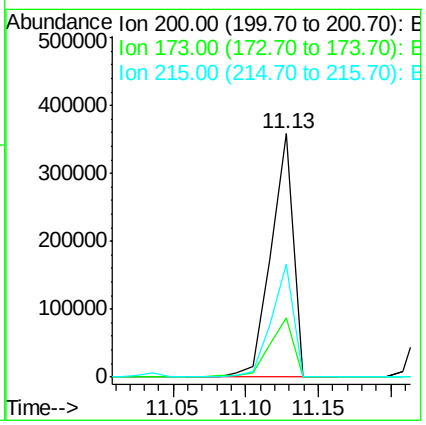


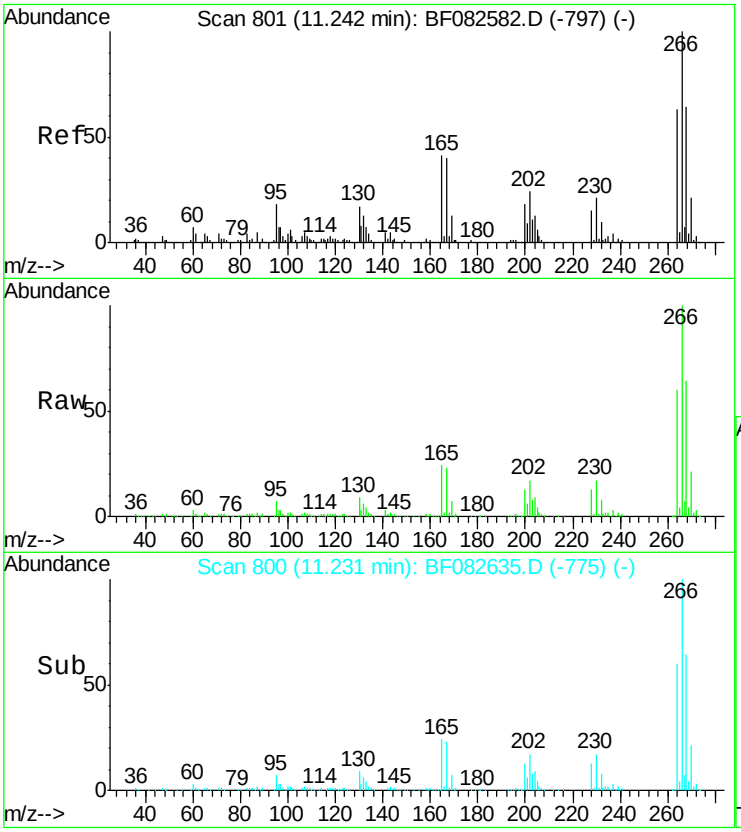




#68
Atrazine
Concen: 47.16 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:200 Resp: 380830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.2 | 6.9 | 46.9 |
| 215 | 46.5 | 22.9 | 62.9 |



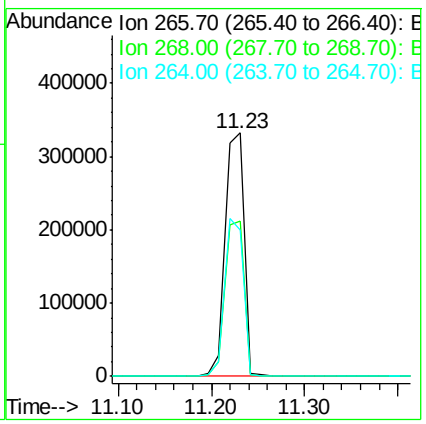


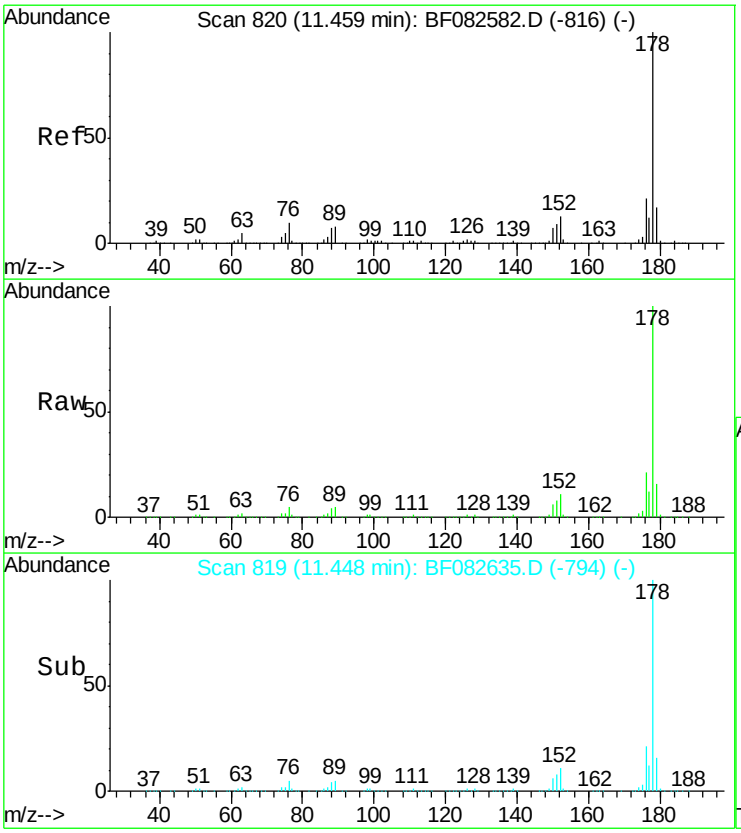

#69
Pentachlorophenol
Concen: 80.11 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:266 Resp: 476609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 51.0 | 76.6 |
| 264 | 60.3 | 50.6 | 75.8 |

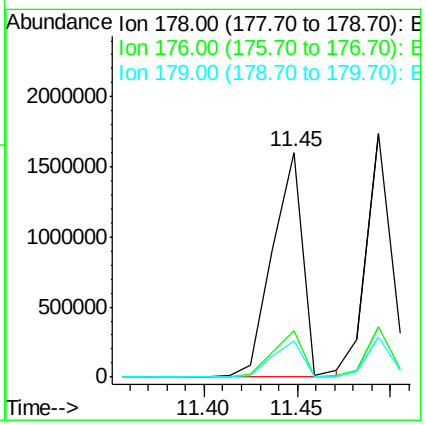


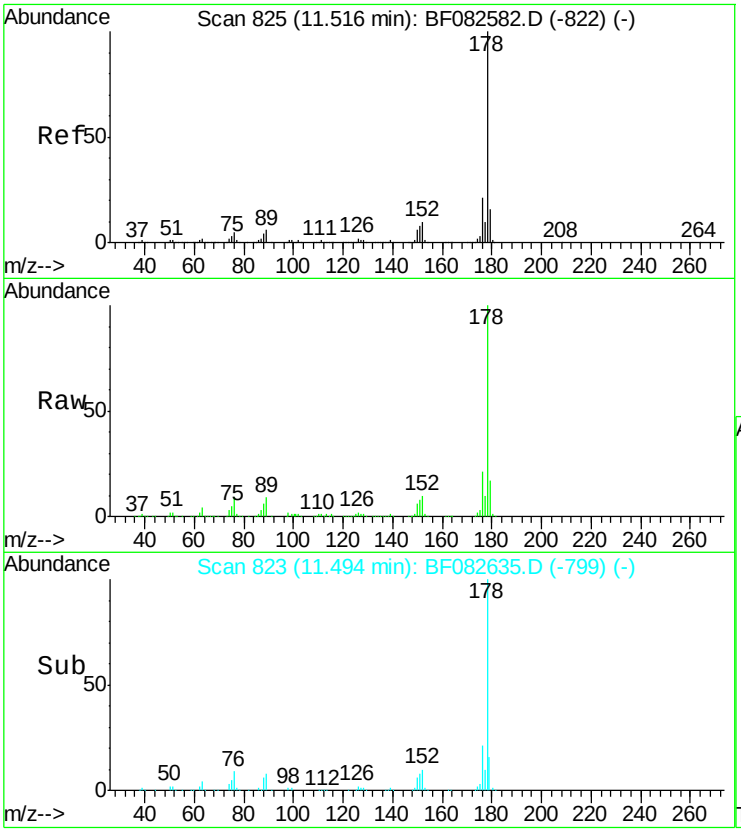




#70
Phenanthrene
Concen: 45.04 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:178 Resp: 1824125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.7 | 17.0 | 25.4 |
| 179 | 16.0 | 13.4 | 20.0 |



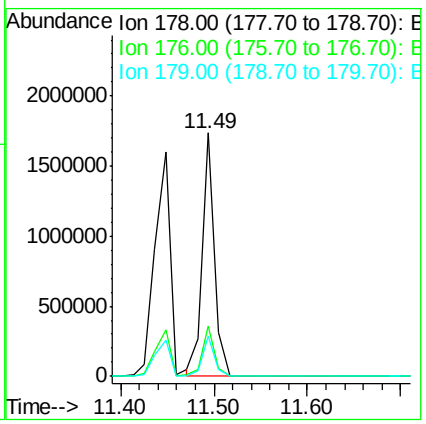


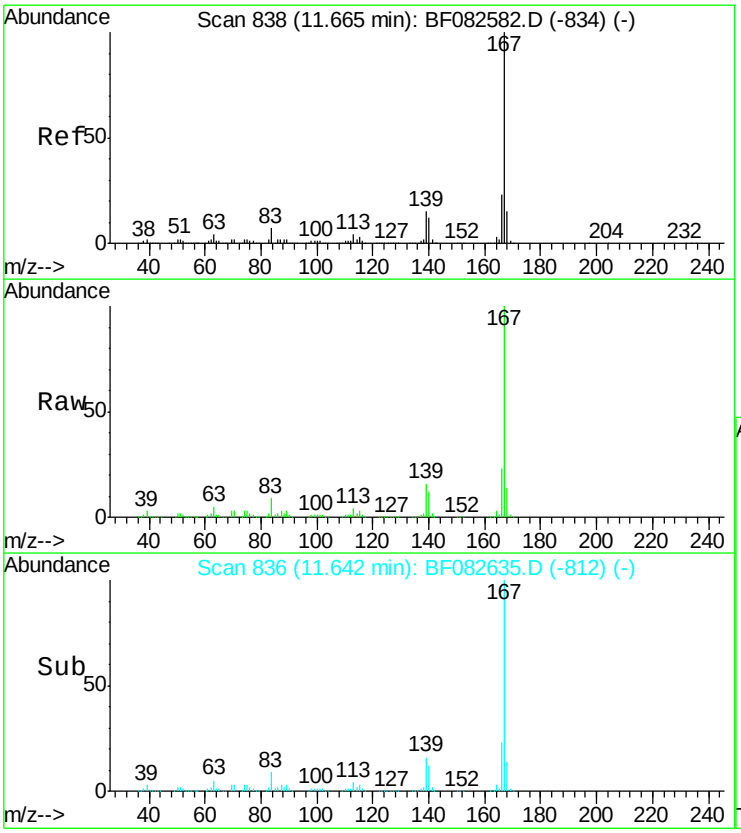

#71
Anthracene
Concen: 39.11 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:178 Resp: 1594897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.8 | 16.5 | 24.7 |
| 179 | 16.6 | 13.2 | 19.8 |

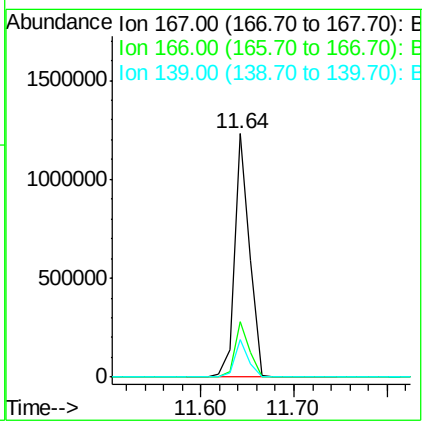


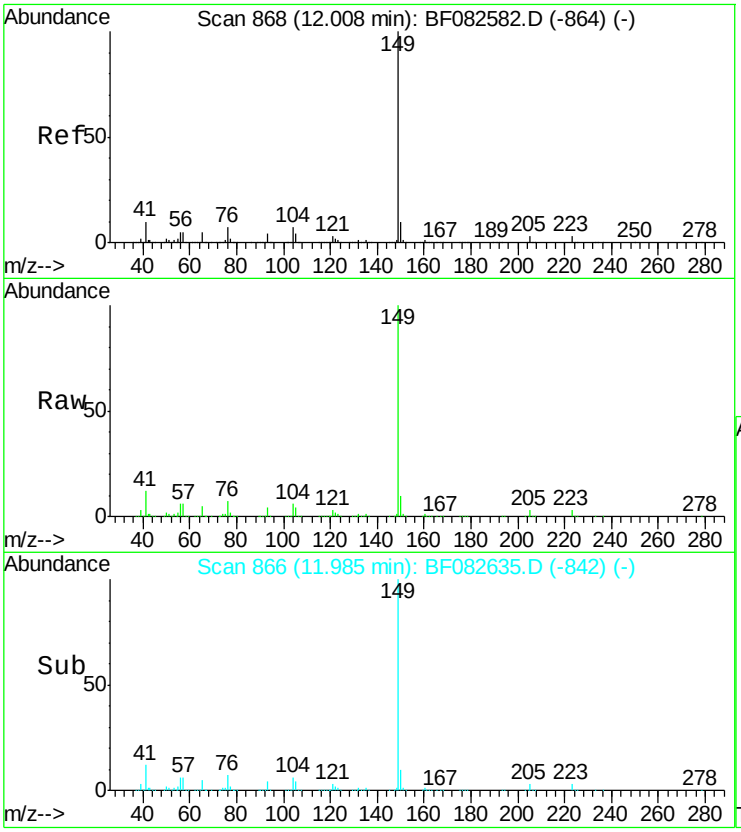




#72
Carbazole
Concen: 38.36 ng
RT: 11.64 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:167 Resp: 1362477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.7 | 18.7 | 28.1 |
| 139 | 15.6 | 11.8 | 17.6 |



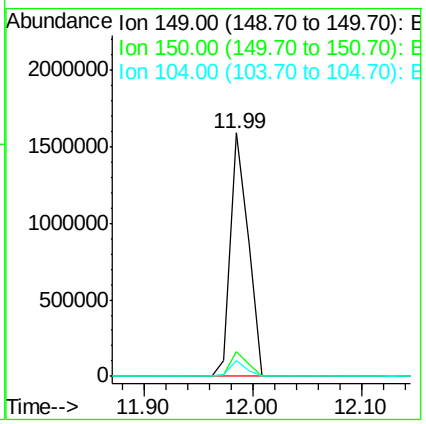


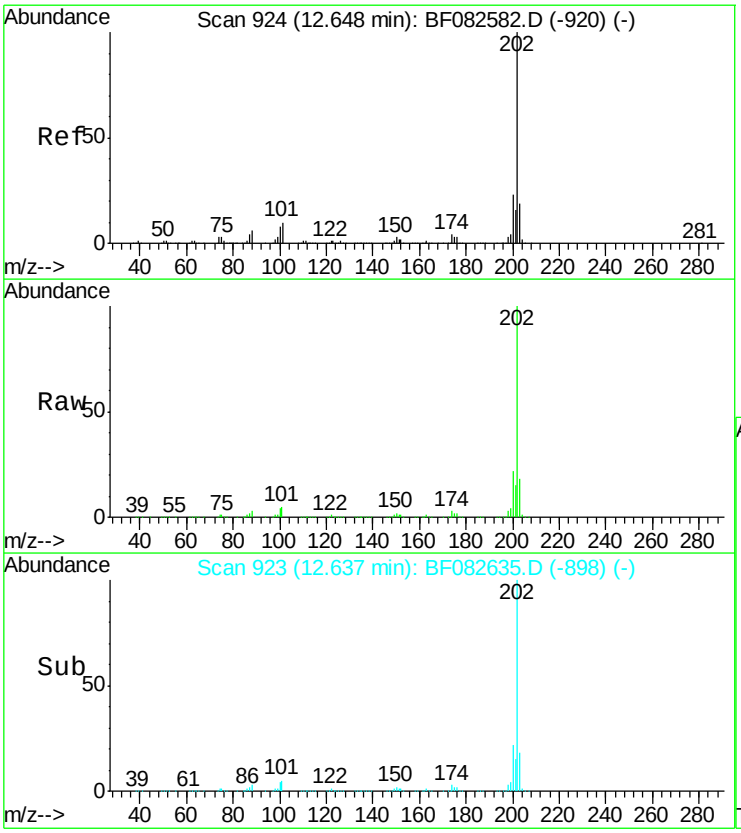

#73
Di-n-butylphthalate
Concen: 39.10 ng
RT: 11.99 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:149 Resp: 1767914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.1 | 8.1 | 12.1 |
| 104 | 6.5 | 5.2 | 7.8 |

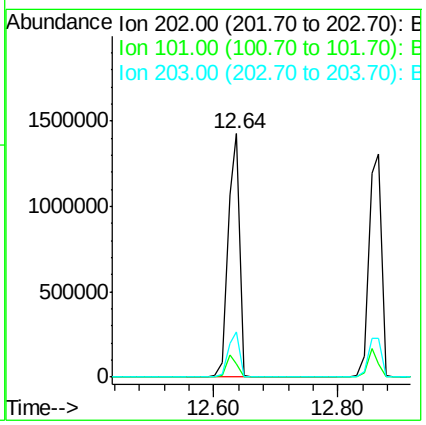


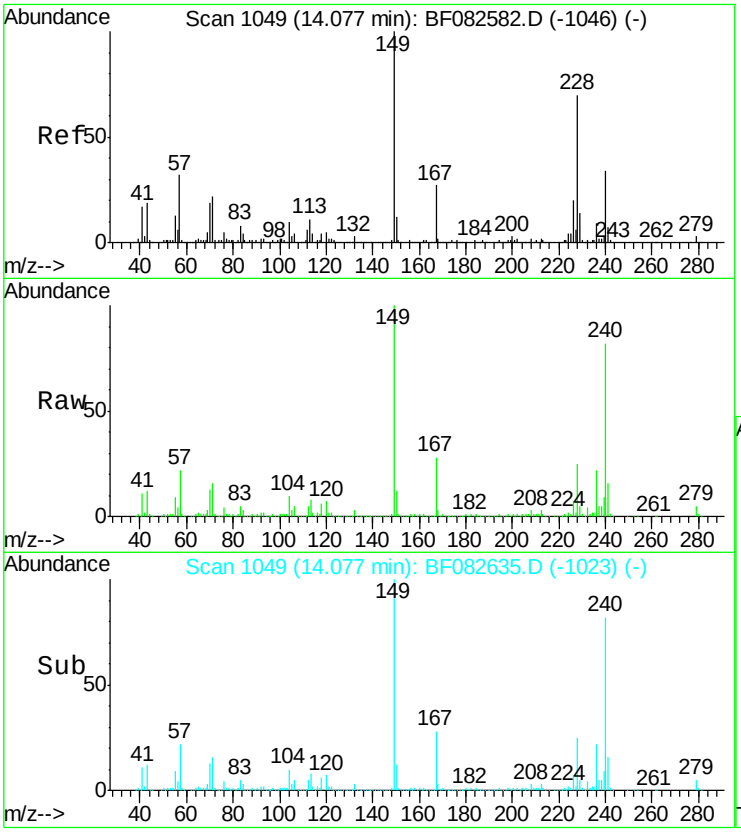




#74
Fluoranthene
Concen: 43.28 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:202 Resp: 1791752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 5.4 | 0.0 | 30.5 |
| 203 | 18.4 | 0.0 | 38.5 |



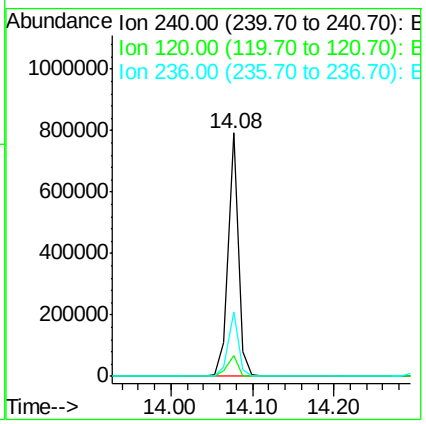


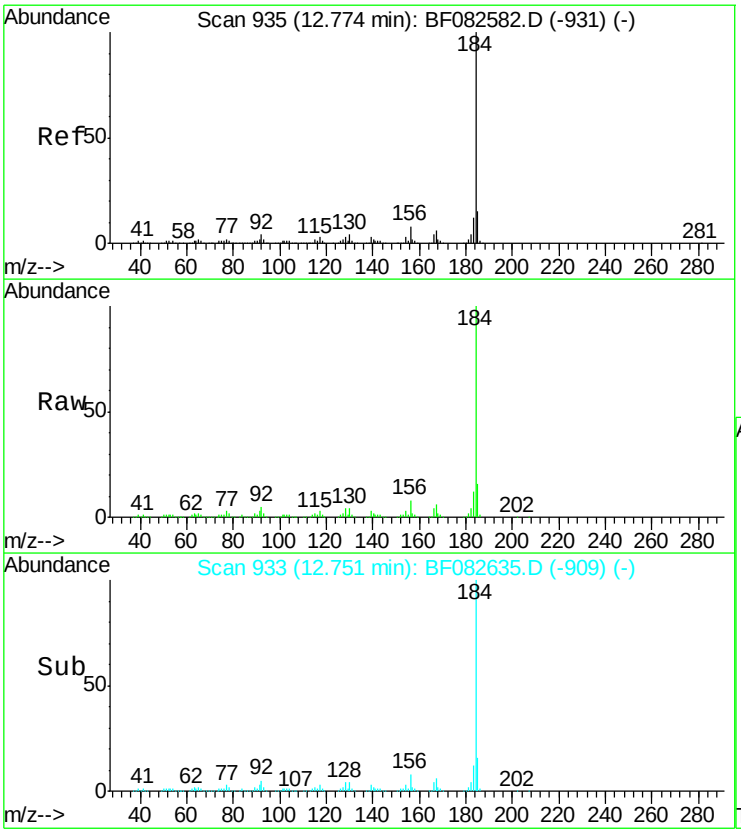

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:240 Resp: 685828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.5 | 10.9 | 16.3# |
| 236 | 26.4 | 21.6 | 32.4 |

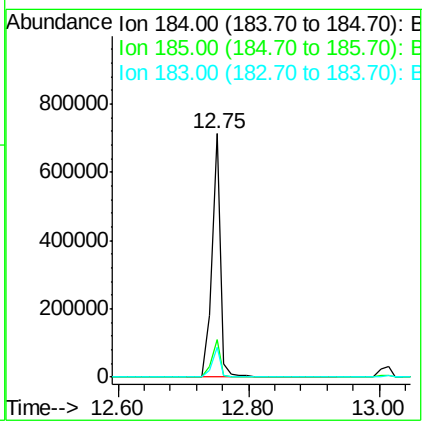


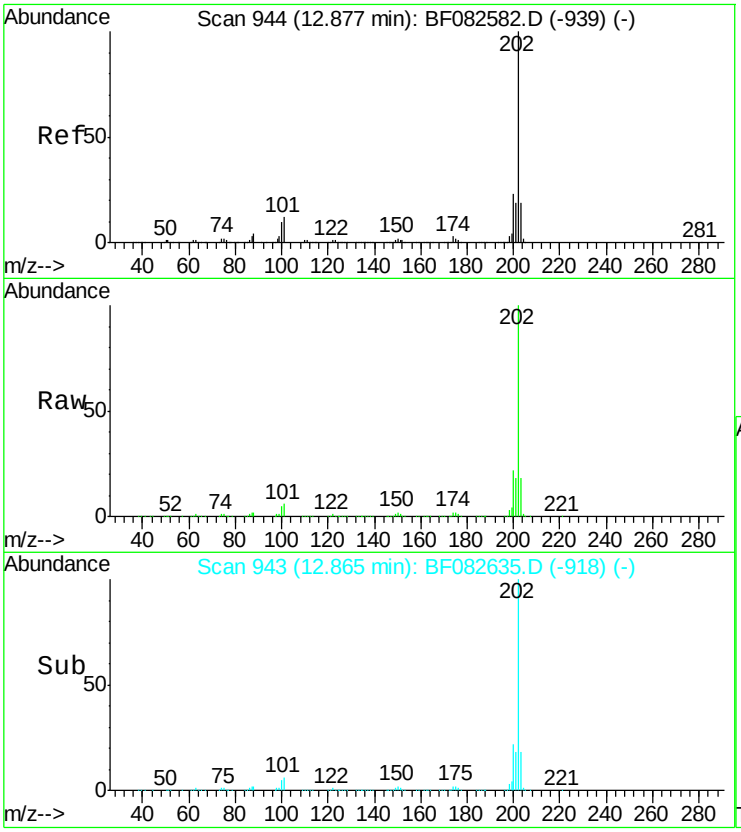




#76
Benzidine
Concen: 21.37 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:184 Resp: 661061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.6 | 12.0 | 18.0 |
| 183 | 12.1 | 9.6 | 14.4 |



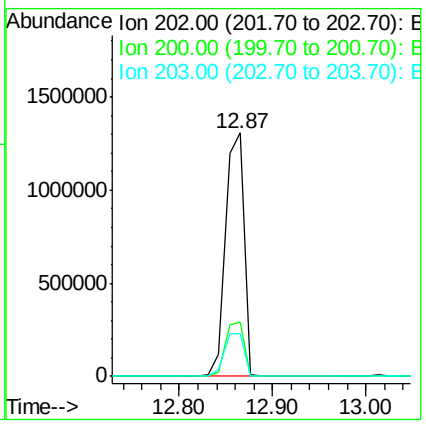


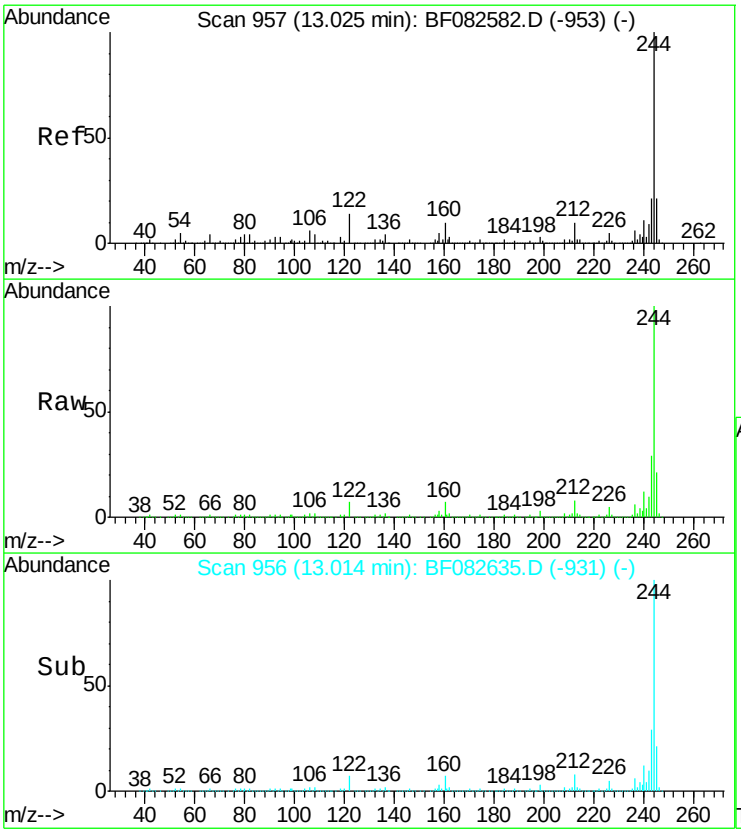

#77
Pyrene
Concen: 35.88 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:202 Resp: 1822070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.1 | 18.7 | 28.1 |
| 203 | 17.7 | 14.8 | 22.2 |

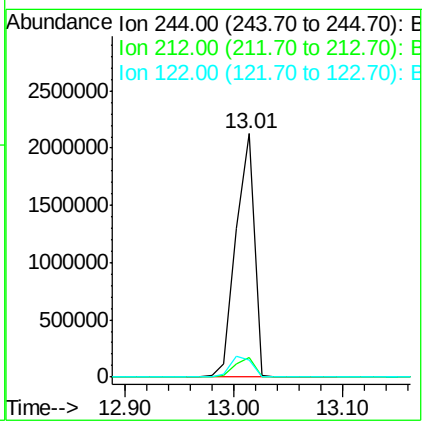


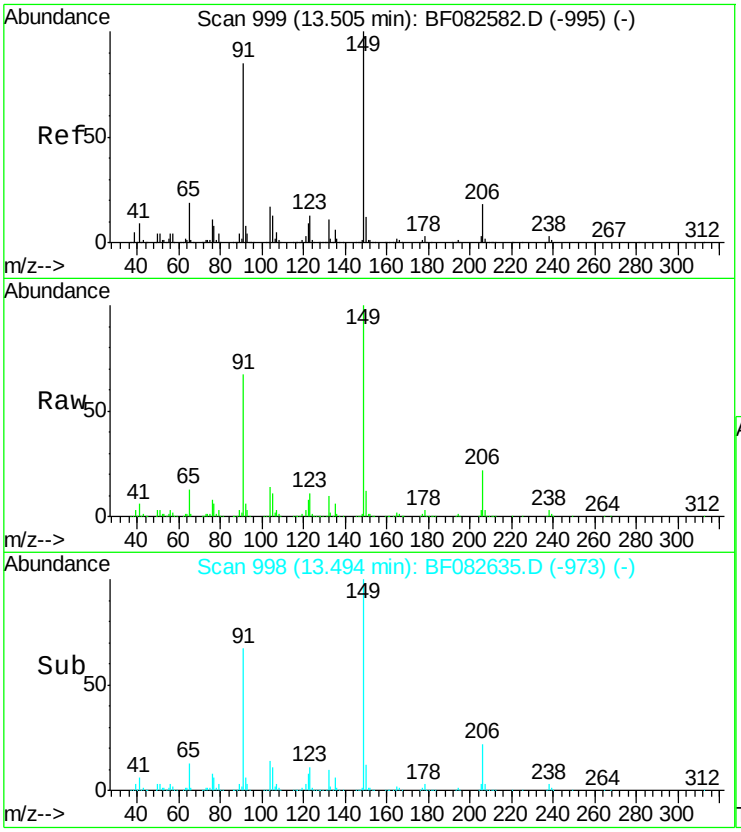




#78
Terphenyl-d14
Concen: 78.23 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:244 Resp: 2451703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 7.6 | 11.4 |
| 122 | 6.8 | 11.3 | 16.9# |



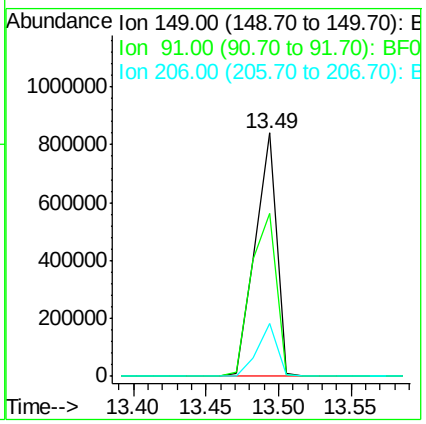


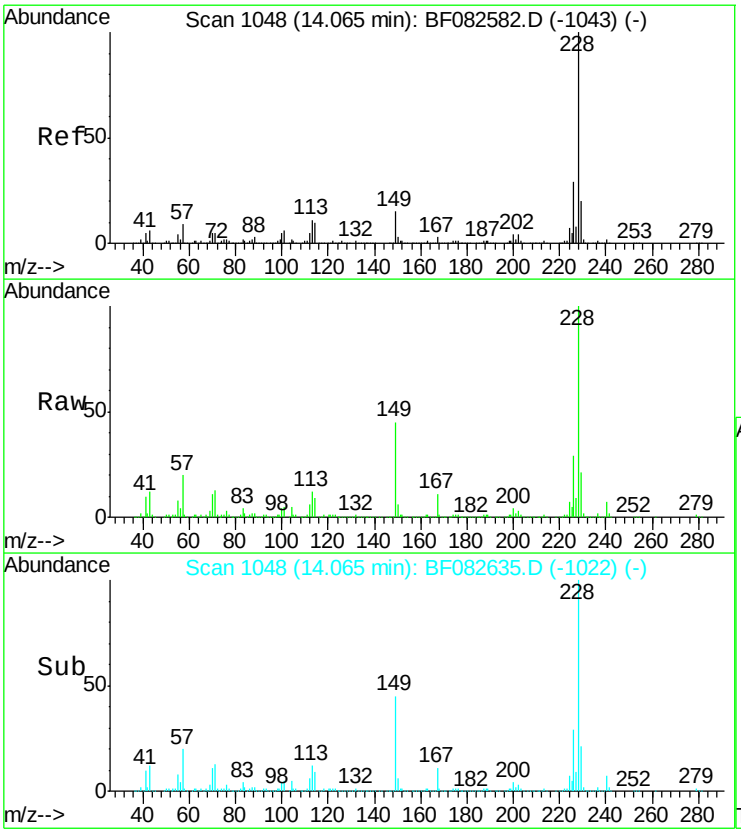

#79
Butylbenzylphthalate
Concen: 39.11 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:149 Resp: 870022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.0 | 67.7 | 101.5# |
| 206 | 21.9 | 14.6 | 22.0 |

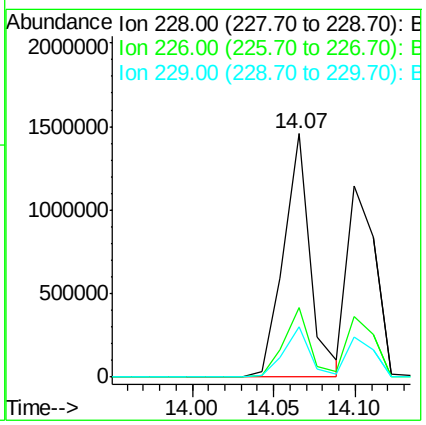


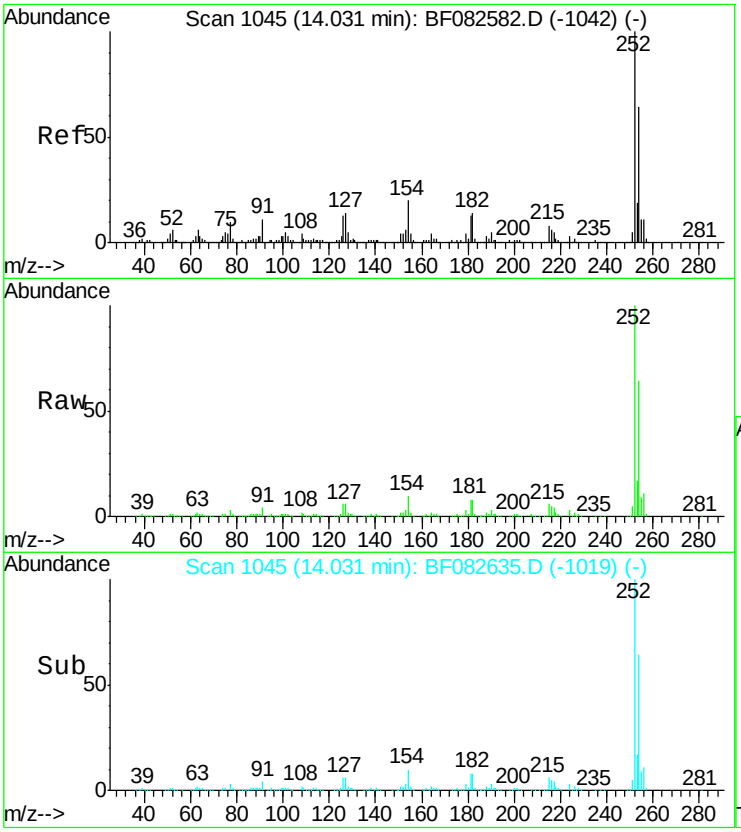




#80
Benzo(a)anthracene
Concen: 38.21 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:228 Resp: 1664765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.7 | 23.4 | 35.2 |
| 229 | 20.8 | 16.3 | 24.5 |



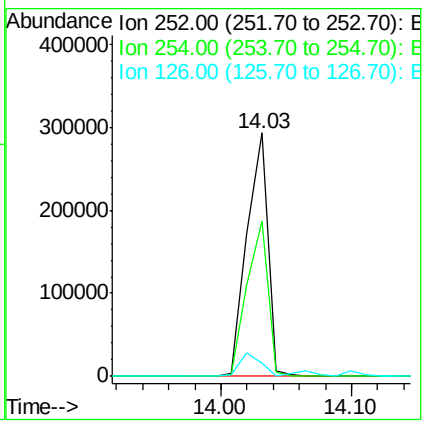


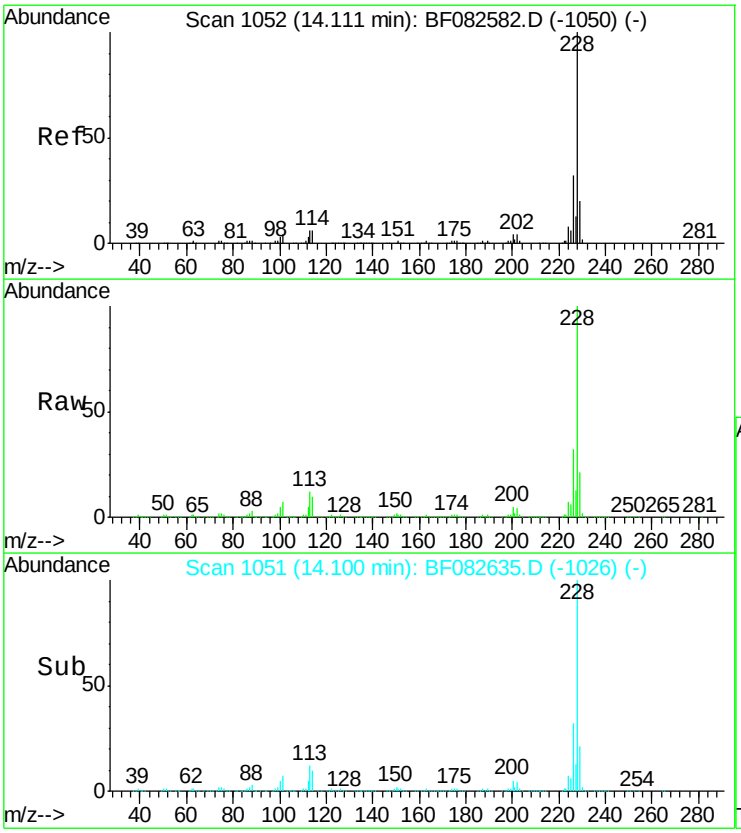

#81
3,3'-Dichlorobenzidine
Concen: 21.97 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:252 Resp: 329851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.0 | 51.4 | 77.0 |
| 126 | 5.6 | 10.7 | 16.1# |

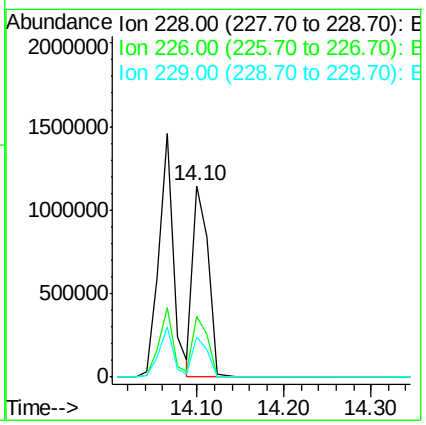


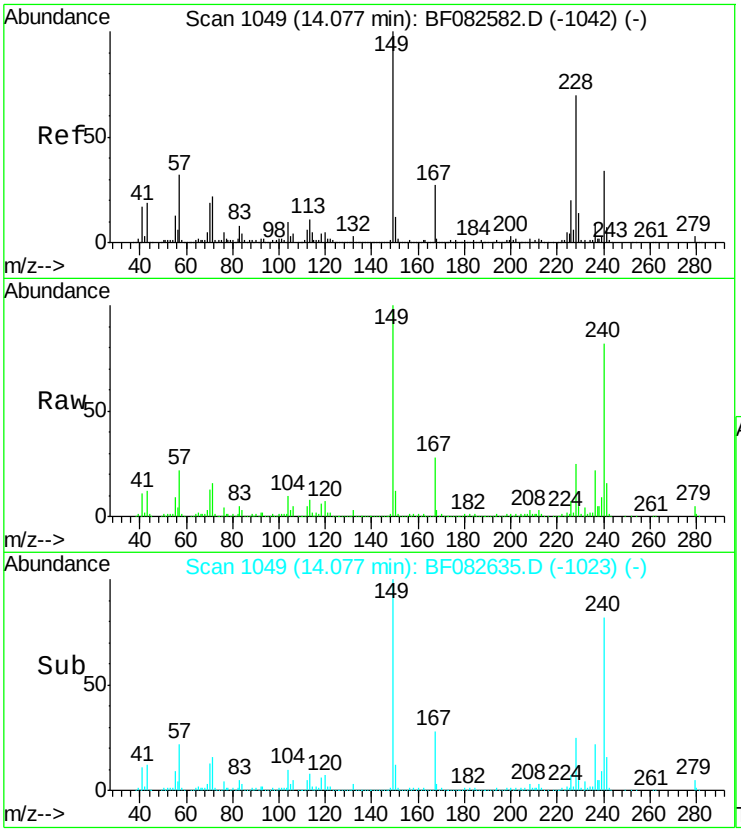




#82
Chrysene
Concen: 35.10 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:228 Resp: 1385845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.9 | 25.5 | 38.3 |
| 229 | 20.7 | 16.3 | 24.5 |



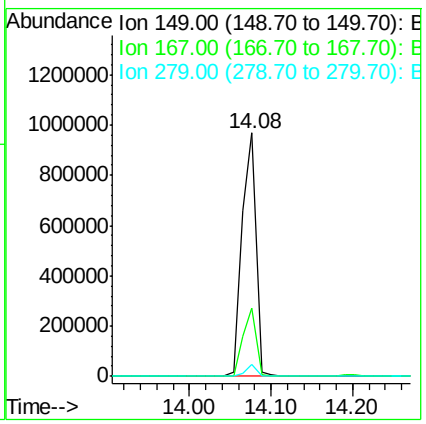


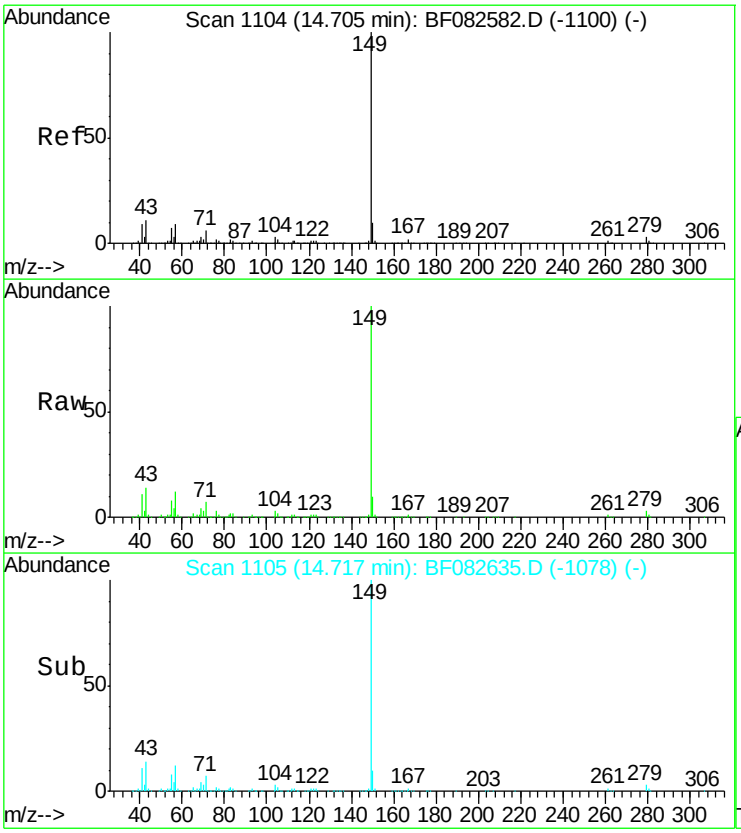

#83
Bis(2-ethylhexyl)phthalate
Concen: 39.88 ng
RT: 14.08 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:149 Resp: 1149953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 21.2 | 31.8 |
| 279 | 4.8 | 2.2 | 3.2# |

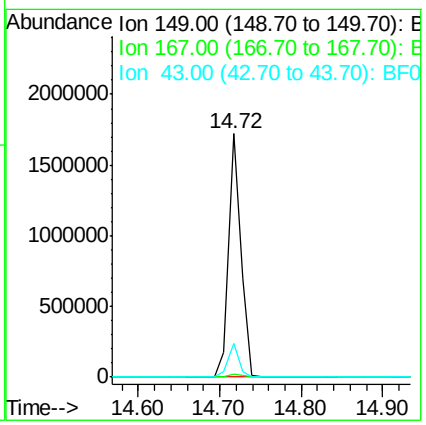


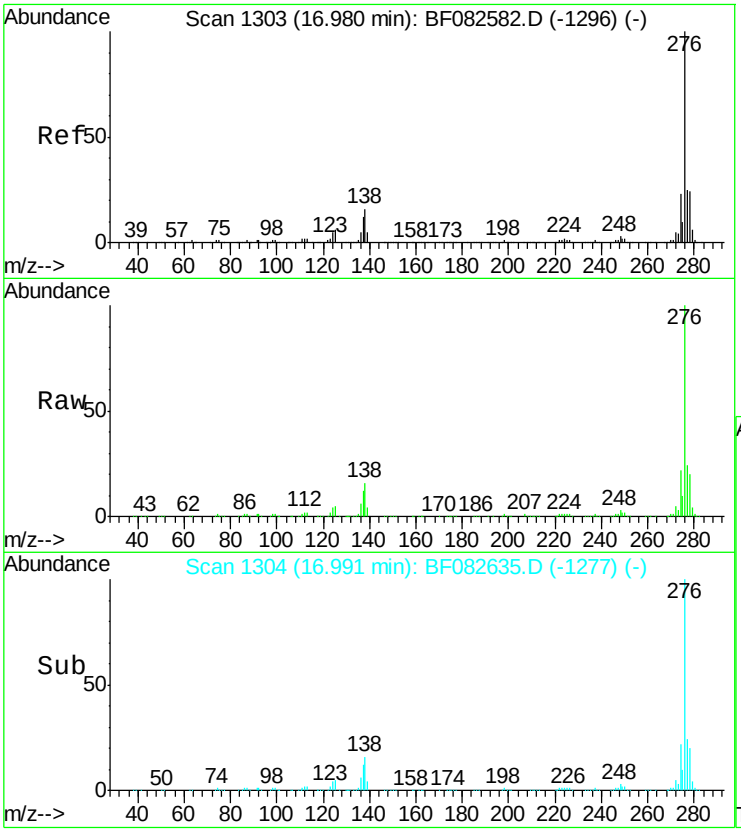




#84
Di-n-octyl phthalate
Concen: 39.95 ng
RT: 14.72 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:149 Resp: 1796887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 12.2 | 10.1 | 15.1 |



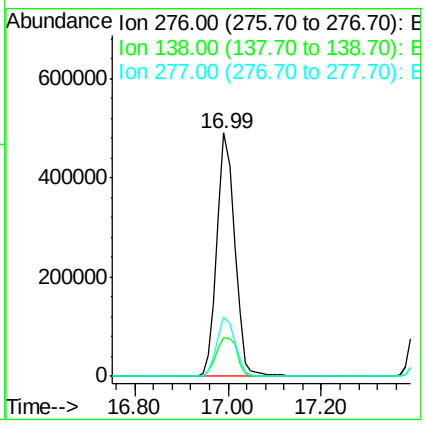


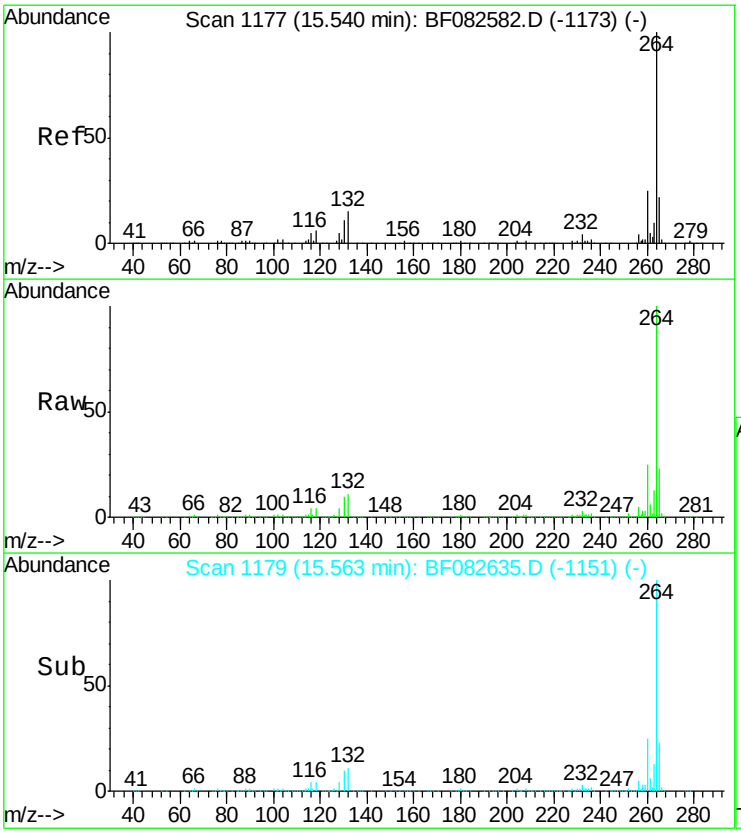

#85
Indeno(1,2,3-cd)pyrene
Concen: 40.13 ng
RT: 16.99 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:276 Resp: 1307760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.7 | 15.3 | 22.9 |
| 277 | 25.1 | 20.2 | 30.4 |

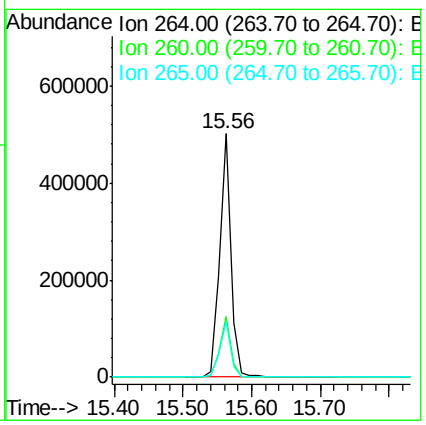


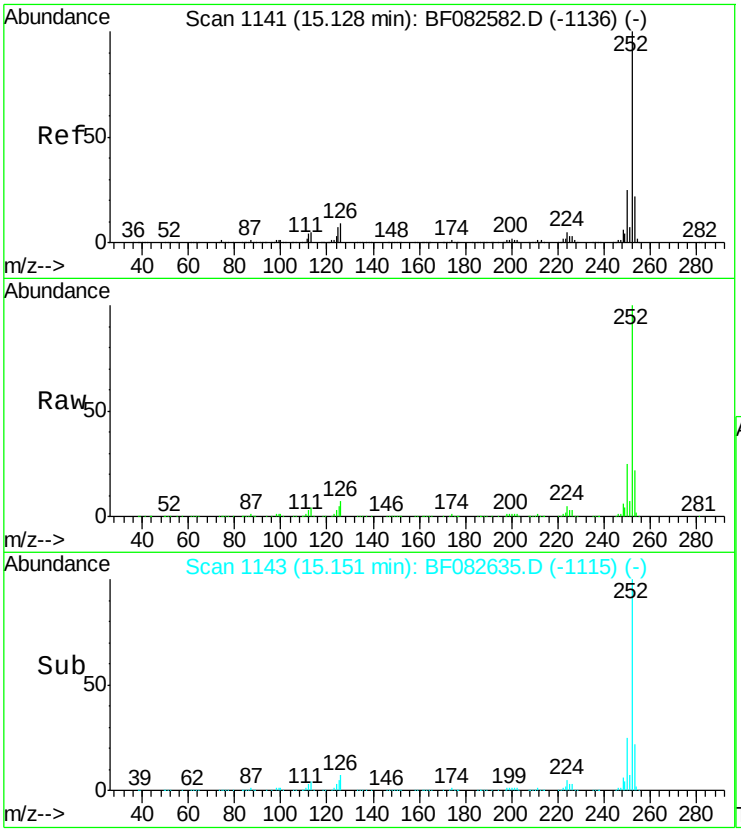




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:264 Resp: 586375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.1 | 19.8 | 29.6 |
| 265 | 22.7 | 17.4 | 26.0 |



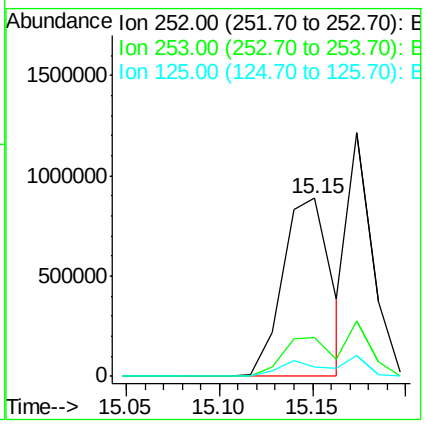


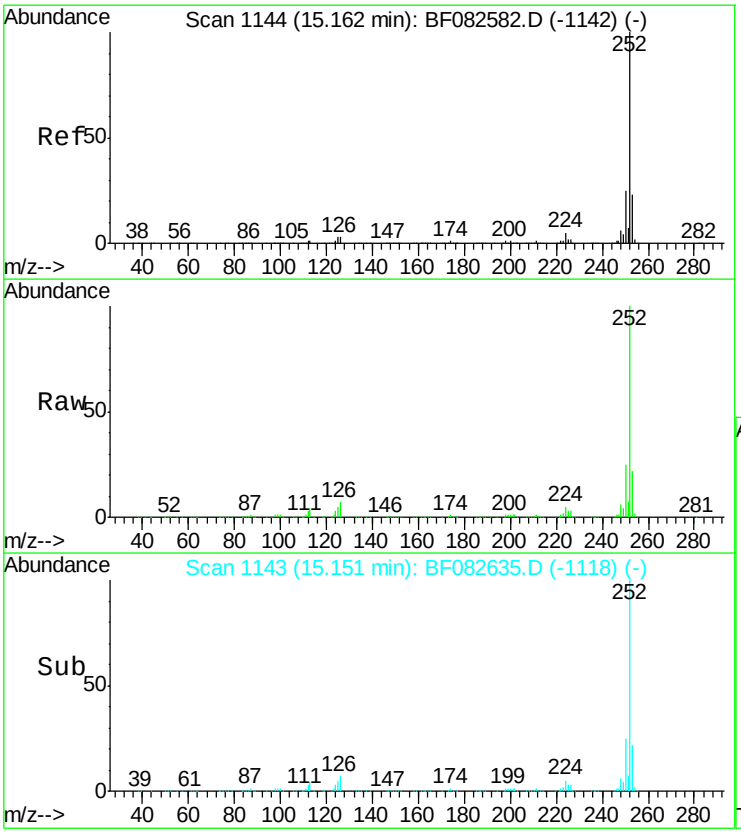

#87
Benzo(b)fluoranthene
Concen: 39.63 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:252 Resp: 1602494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.8 | 26.8 |
| 125 | 5.4 | 5.4 | 8.2# |

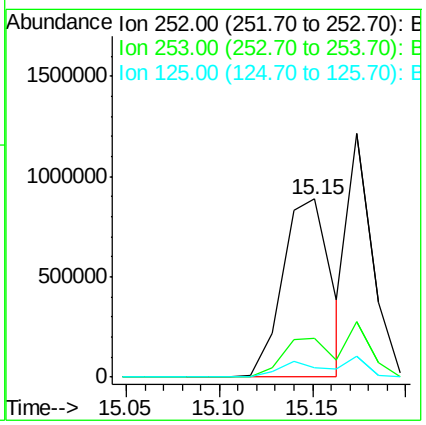


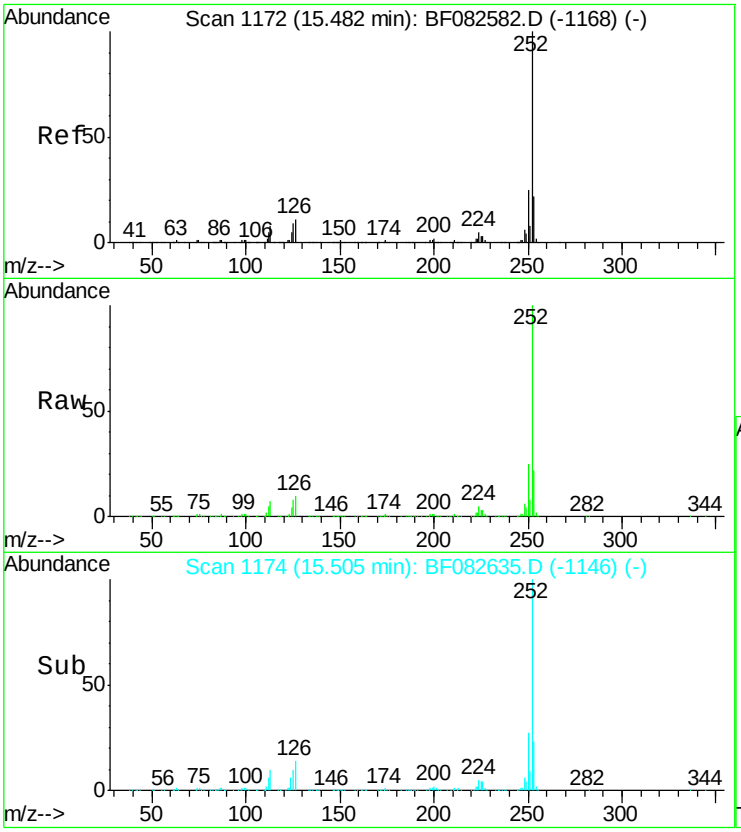




#88
Benzo(k)fluoranthene
Concen: 52.02 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:252 Resp: 1602494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.9 | 26.9 |
| 125 | 5.4 | 3.5 | 5.3# |



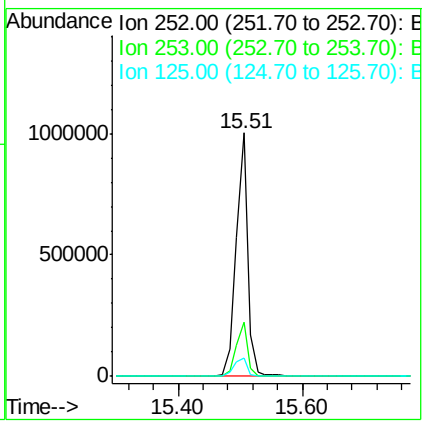


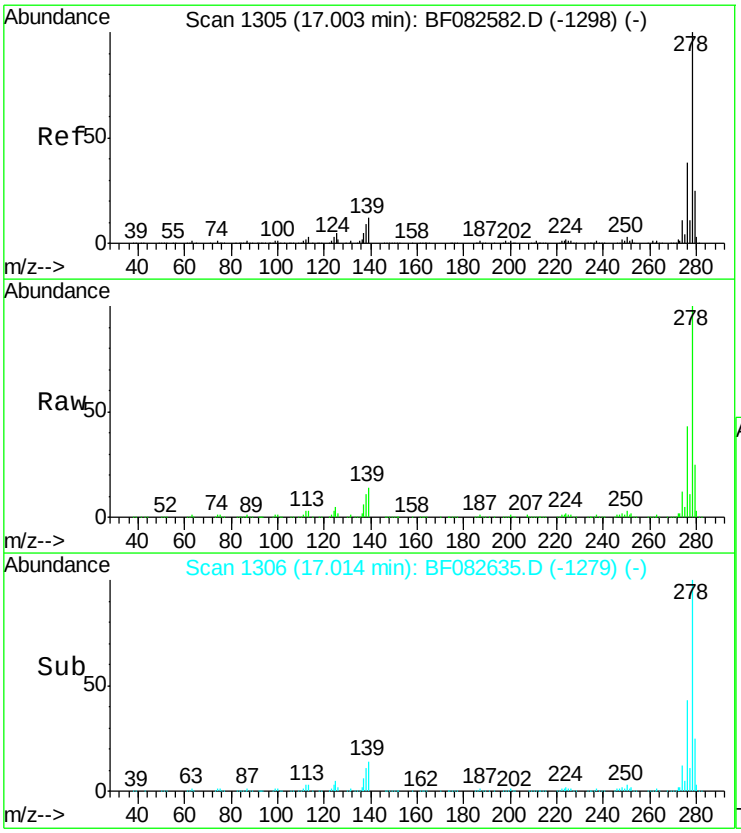

#89
Benzo(a)pyrene
Concen: 41.43 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:252 Resp: 1319328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.3 | 25.9 |
| 125 | 7.7 | 7.1 | 10.7 |

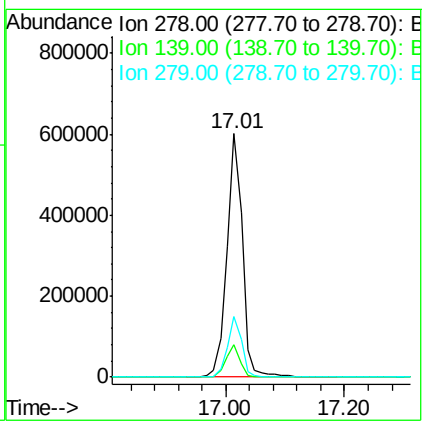


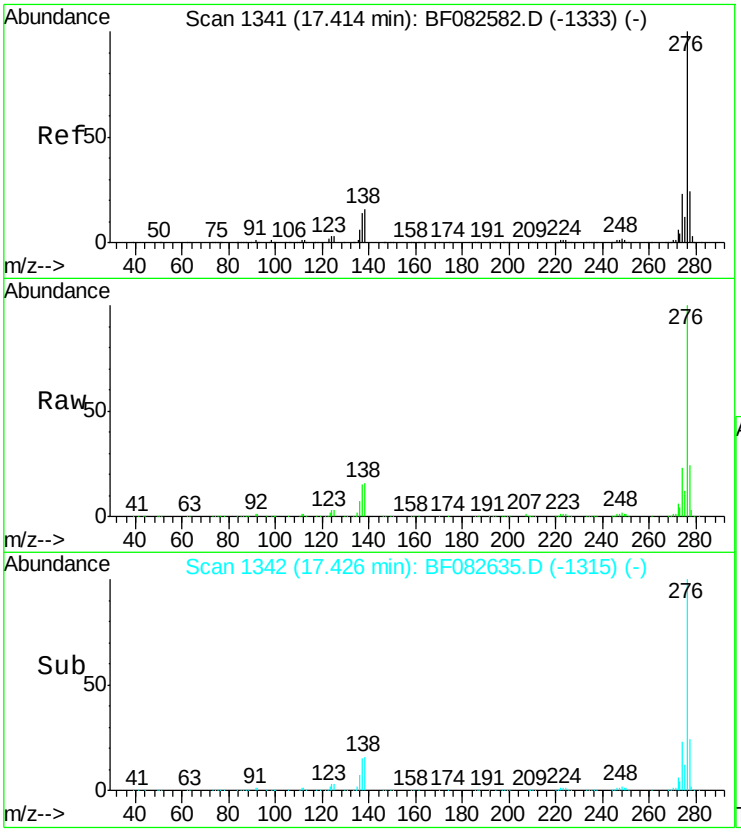




#90
Dibenzo(a,h)anthracene
Concen: 36.63 ng
RT: 17.01 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:278 Resp: 1088319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.5 | 9.9 | 14.9 |
| 279 | 24.8 | 19.6 | 29.4 |






#91
Benzo(g,h,i)perylene
Concen: 36.07 ng
RT: 17.43 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB86380BS

Tgt Ion:276 Resp: 1038652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.2 | 28.8 |
| 138 | 16.4 | 13.1 | 19.7 |