Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085668.D
Acq On : 22 Mar 2016 19:43
Operator : UM/SJ
Sample : PB89081BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB89081BS

Quant Time: Mar 22 23:57:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.84 | 152 | 122092 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.12 | 136 | 496713 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.88 | 164 | 250437 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.35 | 188 | 471537 | 20.00 | ng | | -0.03 |
| 75) Chrysene-d12 | 13.99 | 240 | 402337 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.41 | 264 | 275551 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.44 | 112 | 784439 | 107.92 | ng | | -0.01 |
| 7) Phenol-d6 | 6.47 | 99 | 953260 | 102.25 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 594556 | 69.48 | ng | | -0.03 |
| 41) 2,4,6-Tribromophenol | 10.66 | 330 | 272563 | 111.11 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.20 | 172 | 1163801 | 77.54 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.94 | 244 | 1156594 | 69.18 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.50 | 88 | 97454 | 27.58 | ng | | 97 |
| 3) Pyridine | 3.22 | 79 | 275855 | 31.79 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.17 | 42 | 117013 | 32.30 | ng | | 99 |
| 6) Aniline | 6.49 | 93 | 185423 | 14.81 | ng | | 97 |
| 8) 2-Chlorophenol | 6.62 | 128 | 303344 | 36.07 | ng | | 98 |
| 9) Benzaldehyde | 6.38 | 77 | 42036 | 6.84 | ng | | 96 |
| 10) Phenol | 6.48 | 94 | 381990 | 35.97 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.57 | 93 | 285837 | 35.71 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.01 | 146 | 280914 | 30.66 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.85 | 146 | 305612 | 32.70 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.01 | 146 | 280880 | 33.85 | ng | | 97 |
| 15) Benzyl Alcohol | 6.97 | 79 | 231701 | 36.28 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.11 | 45 | 341709 | 32.46 | ng | | 99 |
| 17) 2-Methylphenol | 7.09 | 107 | 241014 | 34.58 | ng | | 98 |
| 18) Hexachloroethane | 7.34 | 117 | 111153 | 32.94 | ng | # | 81 |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70 | 178188 | 32.00 | ng | | 94 |
| 20) 3+4-Methylphenols | 7.25 | 107 | 293429 | 36.35 | ng | | 92 |
| 22) Acetophenone | 7.25 | 105 | 377161 | 32.00 | ng | # | 96 |
| 24) Nitrobenzene | 7.42 | 77 | 327461 | 34.96 | ng | | 93 |
| 25) Isophorone | 7.66 | 82 | 587832 | 34.31 | ng | | 97 |
| 26) 2-Nitrophenol | 7.74 | 139 | 164967 | 35.64 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.77 | 122 | 274882 | 33.58 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93 | 345736 | 35.48 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.98 | 162 | 252031 | 37.28 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.06 | 180 | 243978 | 32.22 | ng | | 98 |
| 31) Naphthalene | 8.14 | 128 | 829692 | 33.09 | ng | | 99 |
| 32) Benzoic acid | 7.90 | 122 | 167697 | 24.50 | ng | | 99 |
| 33) 4-Chloroaniline | 8.20 | 127 | 72370 | 7.04 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.26 | 225 | 127891 | 31.69 | ng | | 98 |
| 35) Caprolactam | 8.60 | 113 | 27629 | 11.88 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 8.68 | 107 | 270406 | 34.25 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.84 | 142 | 606767 | 39.70 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 218461 | 28.76 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.98 | 237 | 209904 | 61.31 | ng | | 100 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085668.D
Acq On : 22 Mar 2016 19:43
Operator : UM/SJ
Sample : PB89081BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB89081BS

Quant Time: Mar 22 23:57:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.11 | 196 | 166156 | 31.95 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 9.16 | 196 | 184761 | 34.91 | ng | # | 90 |
| 45) 1,1'-Biphenyl | 9.29 | 154 | 646023 | 29.90 | ng | | 99 |
| 46) 2-Chloronaphthalene | 9.32 | 162 | 514586 | 32.61 | ng | # | 91 |
| 47) 2-Nitroaniline | 9.42 | 65 | 174160 | 36.48 | ng | | 98 |
| 48) Acenaphthylene | 9.74 | 152 | 893136 | 34.97 | ng | | 98 |
| 49) Dimethylphthalate | 9.60 | 163 | 668944 | 35.40 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.66 | 165 | 128630 | 32.24 | ng | | 99 |
| 51) Acenaphthene | 9.91 | 154 | 616776 | 38.48 | ng | | 99 |
| 52) 3-Nitroaniline | 9.83 | 138 | 64440 | 12.90 | ng | | 86 |
| 53) 2,4-Dinitrophenol | 9.94 | 184 | 134836 | 55.17 | ng | # | 63 |
| 54) Dibenzofuran | 10.08 | 168 | 778140 | 39.87 | ng | | 99 |
| 55) 4-Nitrophenol | 10.00 | 139 | 258114 | 66.84 | ng | # | 85 |
| 56) 2,4-Dinitrotoluene | 10.07 | 165 | 207742 | 39.77 | ng | | 91 |
| 57) Fluorene | 10.42 | 166 | 595487 | 36.61 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.20 | 232 | 140302 | 36.82 | ng | | 99 |
| 59) Diethylphthalate | 10.30 | 149 | 662586 | 35.26 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.41 | 204 | 277649 | 34.96 | ng | | 94 |
| 61) 4-Nitroaniline | 10.45 | 138 | 172852 | 35.09 | ng | | 98 |
| 62) Azobenzene | 10.57 | 77 | 699510 | 38.80 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 10.47 | 198 | 86792 | 28.76 | ng | | 95 |
| 65) n-Nitrosodiphenylamine | 10.54 | 169 | 525651 | 35.79 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.90 | 248 | 177044 | 37.58 | ng | # | 91 |
| 67) Hexachlorobenzene | 10.97 | 284 | 183359 | 36.64 | ng | # | 90 |
| 68) Atrazine | 11.06 | 200 | 193766 | 43.33 | ng | | 98 |
| 69) Pentachlorophenol | 11.17 | 266 | 197806 | 65.10 | ng | | 99 |
| 70) Phenanthrene | 11.38 | 178 | 934560 | 37.59 | ng | | 99 |
| 71) Anthracene | 11.43 | 178 | 848823 | 32.56 | ng | | 100 |
| 72) Carbazole | 11.59 | 167 | 870921 | 38.72 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.92 | 149 | 1088433 | 38.65 | ng | | 99 |
| 74) Fluoranthene | 12.56 | 202 | 851216 | 32.70 | ng | | 97 |
| 76) Benzidine | 12.69 | 184 | 273321 | 20.20 | ng | | 97 |
| 77) Pyrene | 12.79 | 202 | 872809 | 30.21 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.41 | 149 | 407046 | 29.56 | ng | # | 74 |
| 80) Benzo(a)anthracene | 13.98 | 228 | 771886 | 33.05 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.95 | 252 | 107075 | 12.51 | ng | # | 96 |
| 82) Chrysene | 14.01 | 228 | 612480 | 27.26 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.97 | 149 | 530746 | 31.02 | ng | # | 98 |
| 84) Di-n-octyl phthalate | 14.57 | 149 | 927918 | 33.28 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.79 | 276 | 493822 | 26.30 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 15.03 | 252 | 1201463 | 66.82 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 15.03 | 252 | 1201709 | 81.12 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.35 | 252 | 550521 | 36.12 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 16.80 | 278 | 415376 | 32.67 | ng | | 99 |
| 91) Benzo(g,h,i)perylene | 17.20 | 276 | 407283 | 33.10 | ng | | 98 |

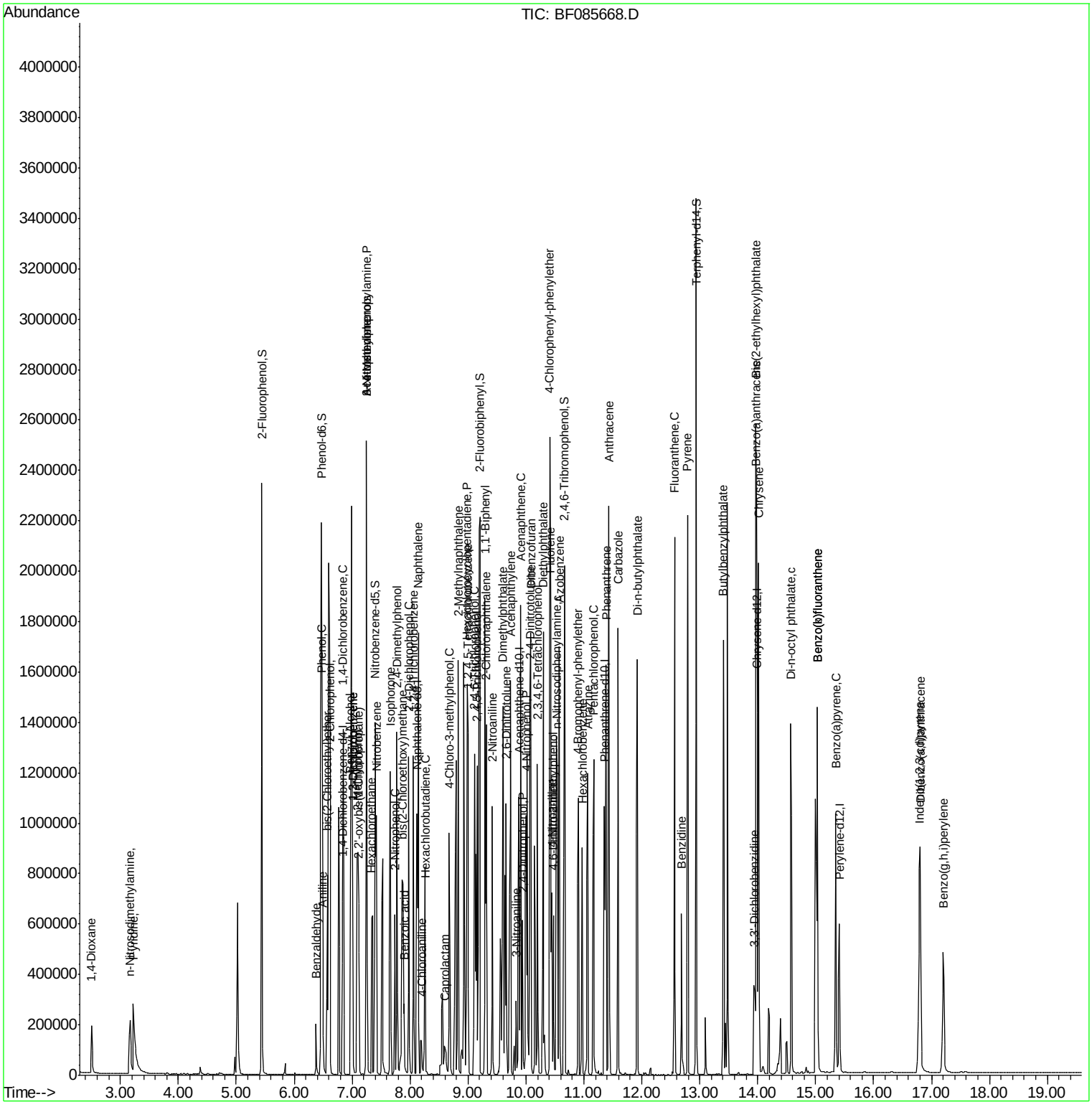
(#) = qualifier out of range (m) = manual integration (+) = signals summed

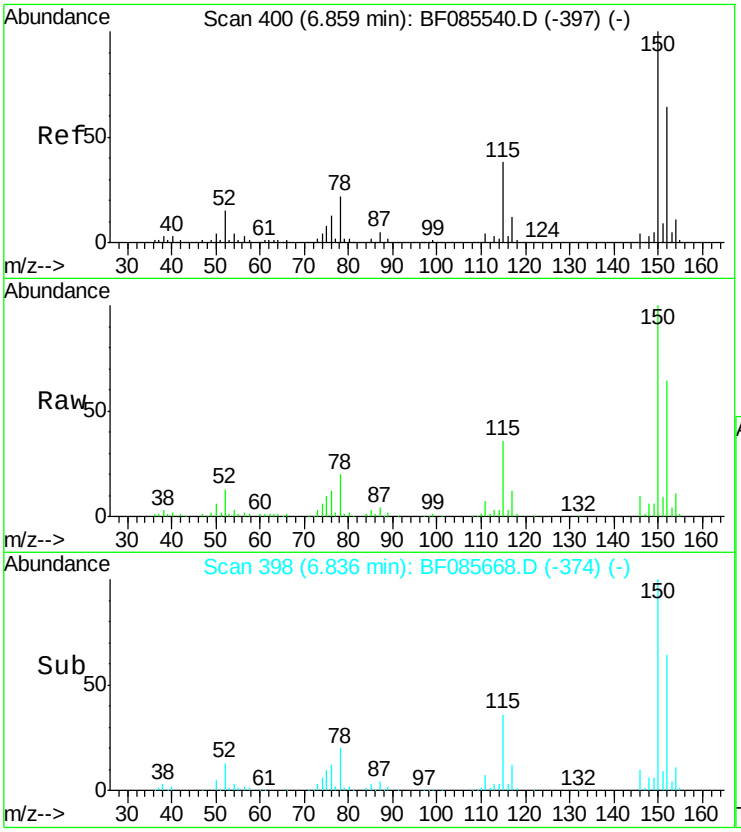
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085668.D
Acq On : 22 Mar 2016 19:43
Operator : UM/SJ
Sample : PB89081BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Quant Time: Mar 22 23:57:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration



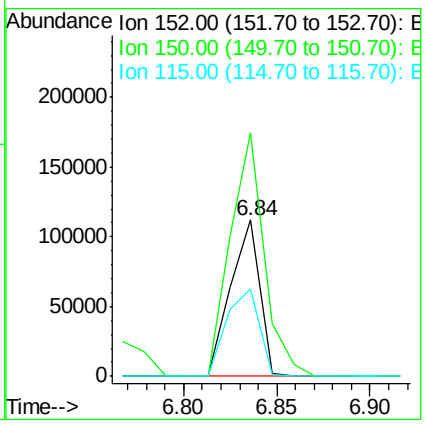


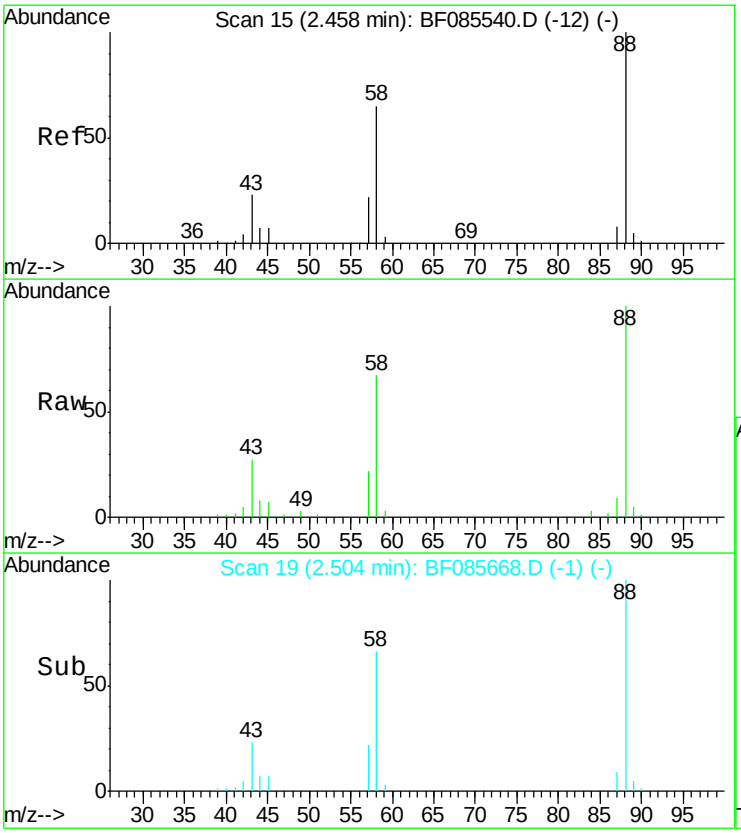

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:152 Resp: 122092

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.8 | 124.2 | 186.2 |
| 115 | 56.3 | 47.0 | 70.6 |

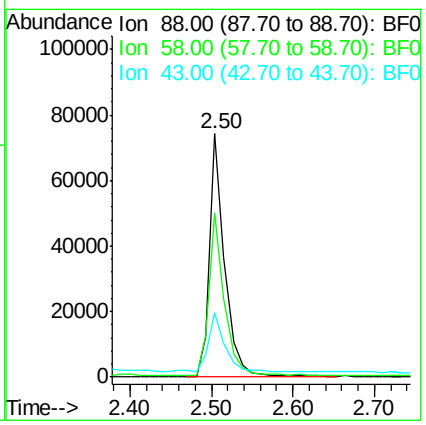


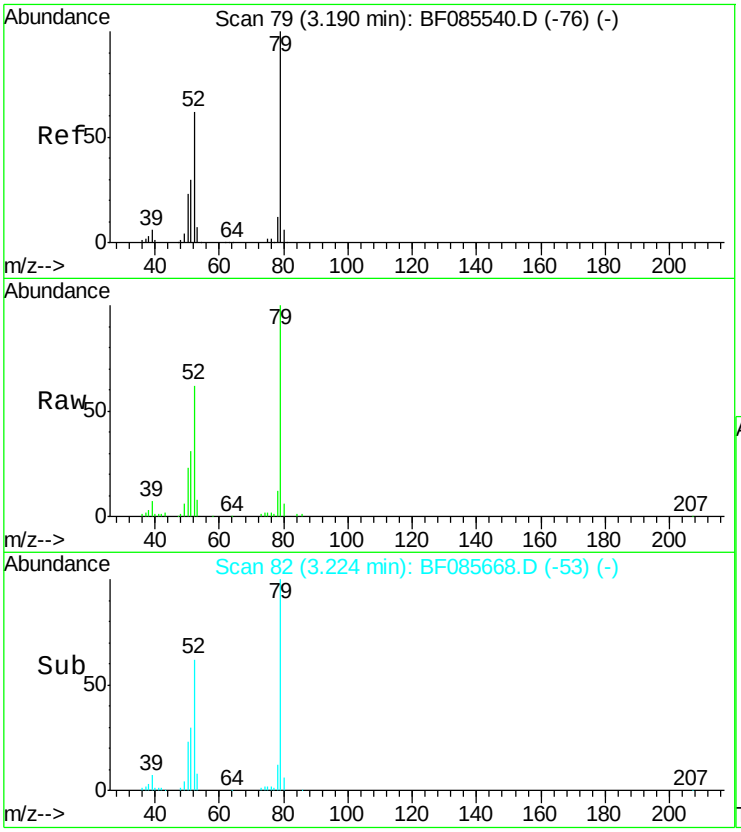




#2
1,4-Dioxane
Concen: 27.58 ng
RT: 2.50 min Scan# 19
Delta R.T. 0.05 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion: 88 Resp: 97454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 68.1 | 54.2 | 81.2 |
| 43 | 28.2 | 19.3 | 28.9 |



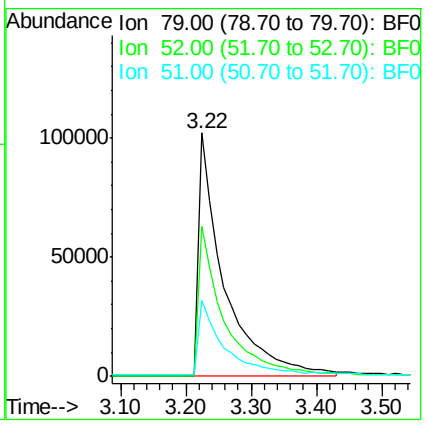


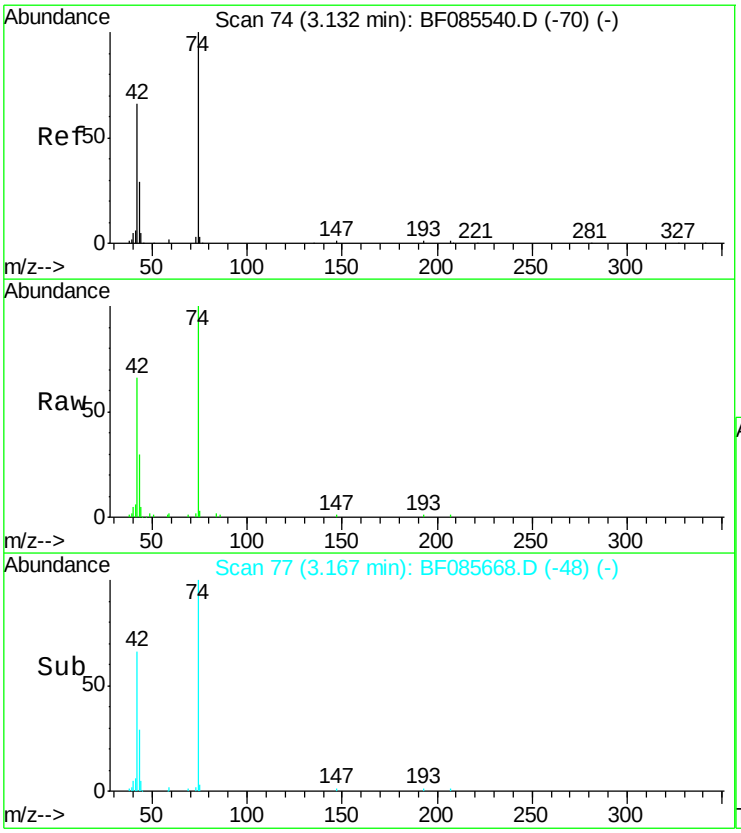

#3
Pyridine
Concen:  31.79 ng
RT: 3.22 min  Scan# 82
Delta R.T.  0.03 min
Lab File:  BF085668.D
Acq: 22 Mar 2016  19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion: 79 Resp:  275855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 61.9 | 49.8 | 74.6 |
| 51 | 31.0 | 24.7 | 37.1 |

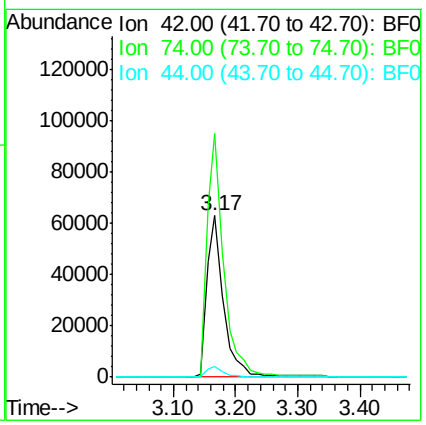


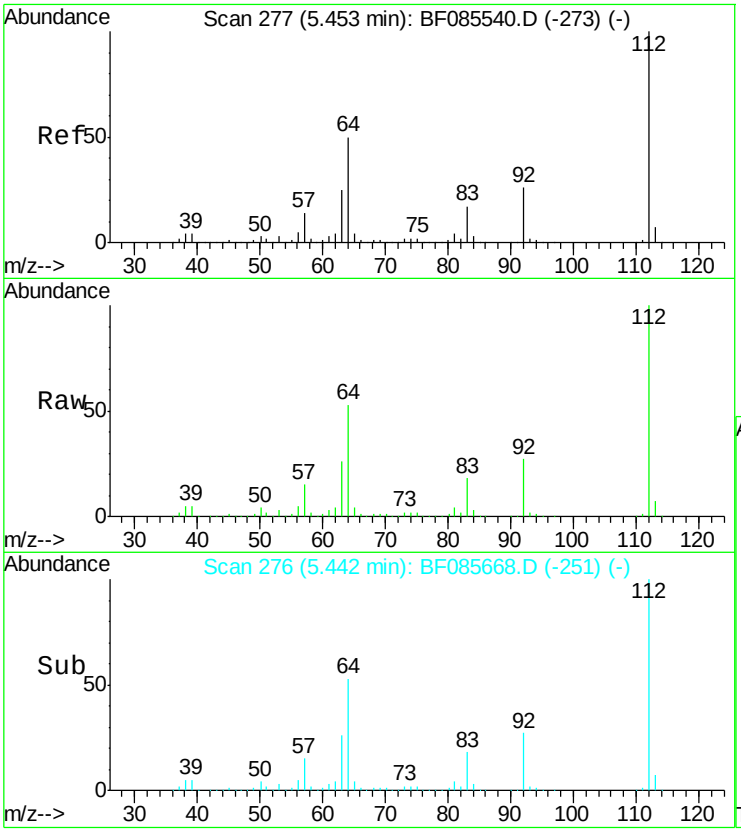




#4
n-Nitrosodimethylamine
Concen:  32.30 ng
RT: 3.17 min  Scan# 77
Delta R.T.  0.03 min
Lab File:  BF085668.D
Acq: 22 Mar 2016  19:43

Tgt Ion: 42 Resp:  117013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 150.7 | 121.4 | 182.2 |
| 44 | 6.9 | 5.6 | 8.4 |



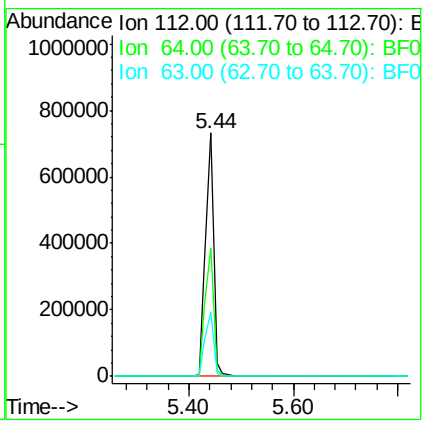


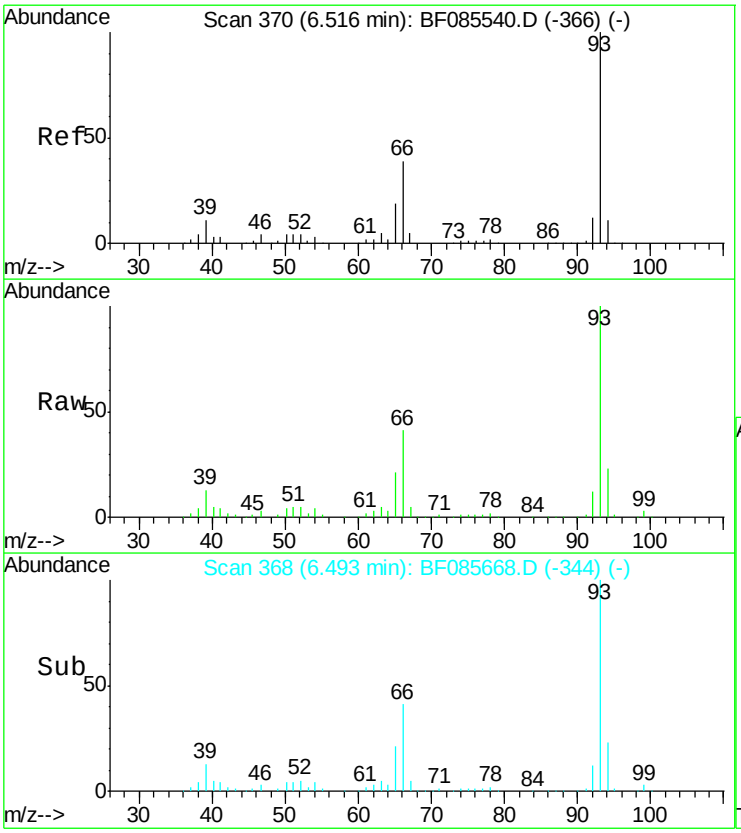

#5
2-Fluorophenol
Concen: 107.92 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:112 Resp: 784439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.8 | 39.9 | 59.9 |
| 63 | 26.5 | 20.2 | 30.2 |

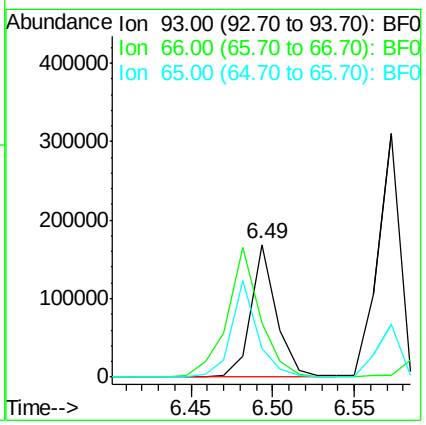


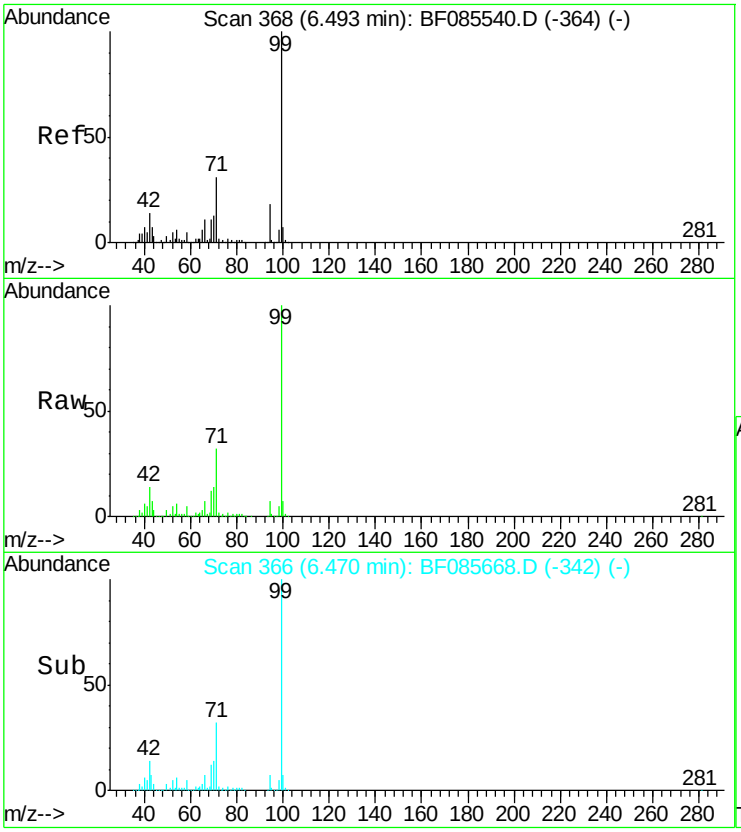




#6
Aniline
Concen: 14.81 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion: 93 Resp: 185423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.0 | 31.4 | 47.2 |
| 65 | 21.4 | 15.7 | 23.5 |



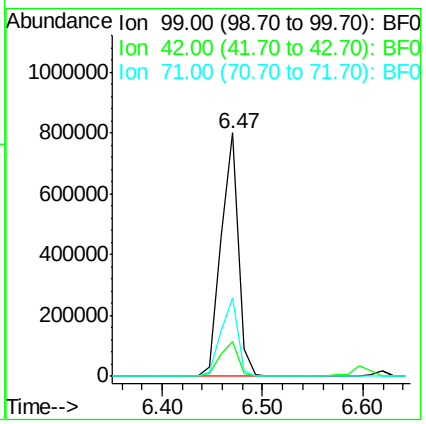


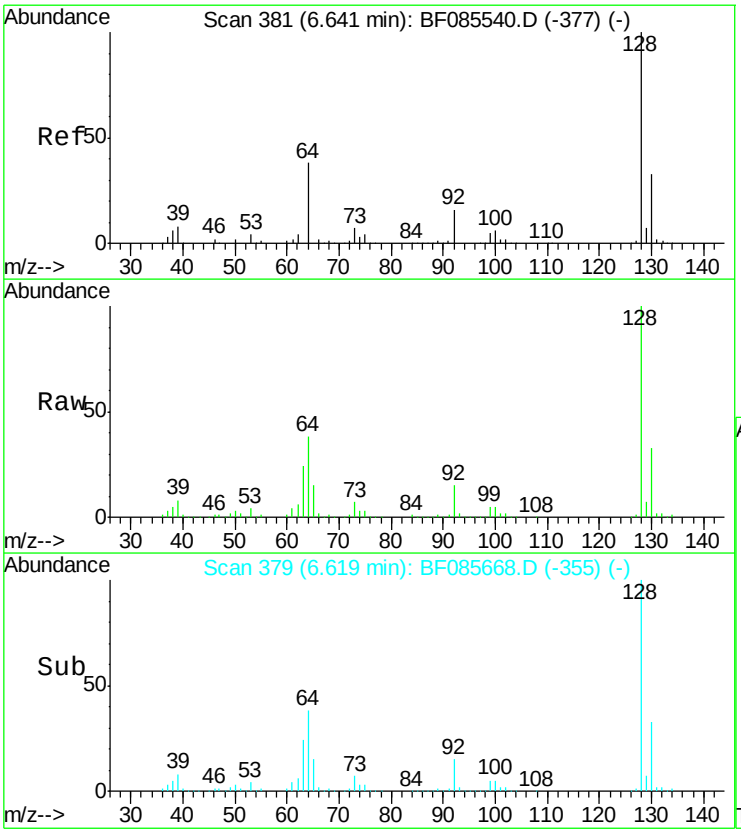

#7
Phenol-d6
Concen: 102.25 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion: 99 Resp: 953260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.5 | 11.1 | 16.7 |
| 71 | 32.1 | 24.9 | 37.3 |

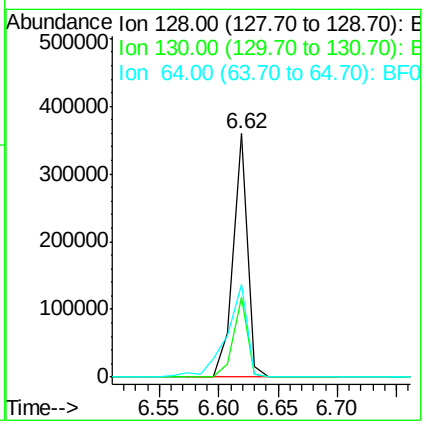


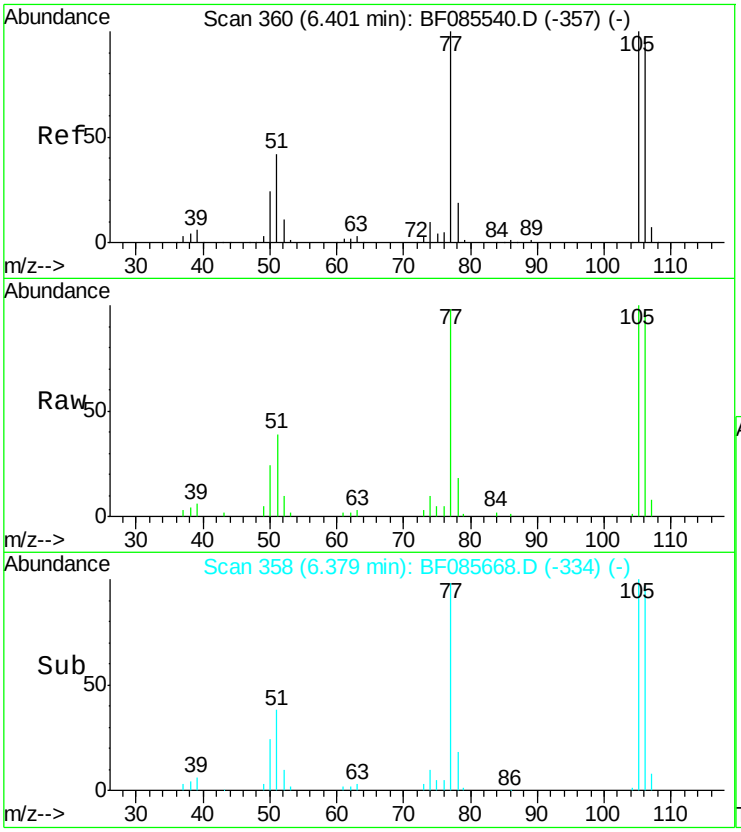




#8
2-Chlorophenol
Concen: 36.07 ng
RT: 6.62 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:128 Resp: 303344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.9 | 52.9 |
| 64 | 37.9 | 20.2 | 60.2 |



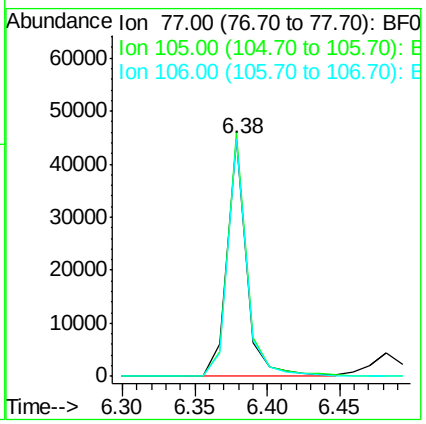


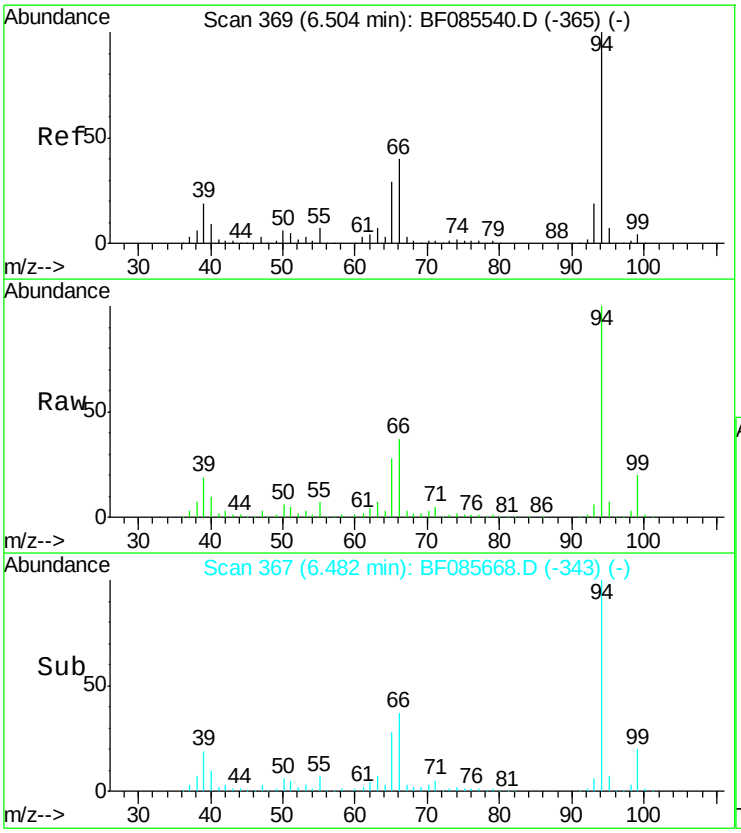

#9
Benzaldehyde
Concen: 6.84 ng
RT: 6.38 min Scan# 358
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion: 77 Resp: 42036

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.5 | 80.1 | 120.1 |
| 106 | 99.9 | 75.0 | 115.0 |

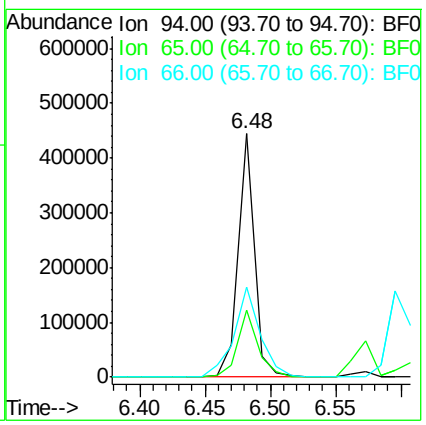


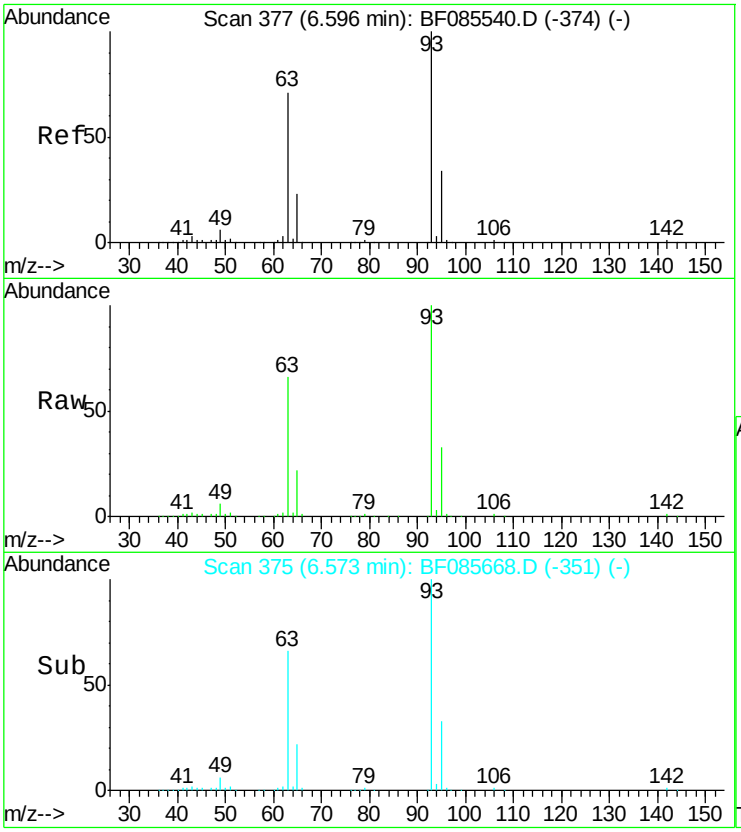




#10
Phenol
Concen: 35.97 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion: 94 Resp: 381990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.6 | 8.6 | 48.6 |
| 66 | 37.1 | 20.0 | 60.0 |



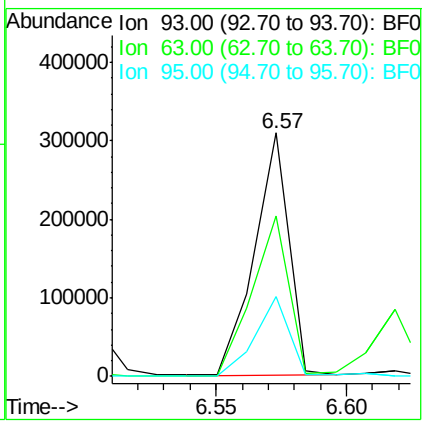


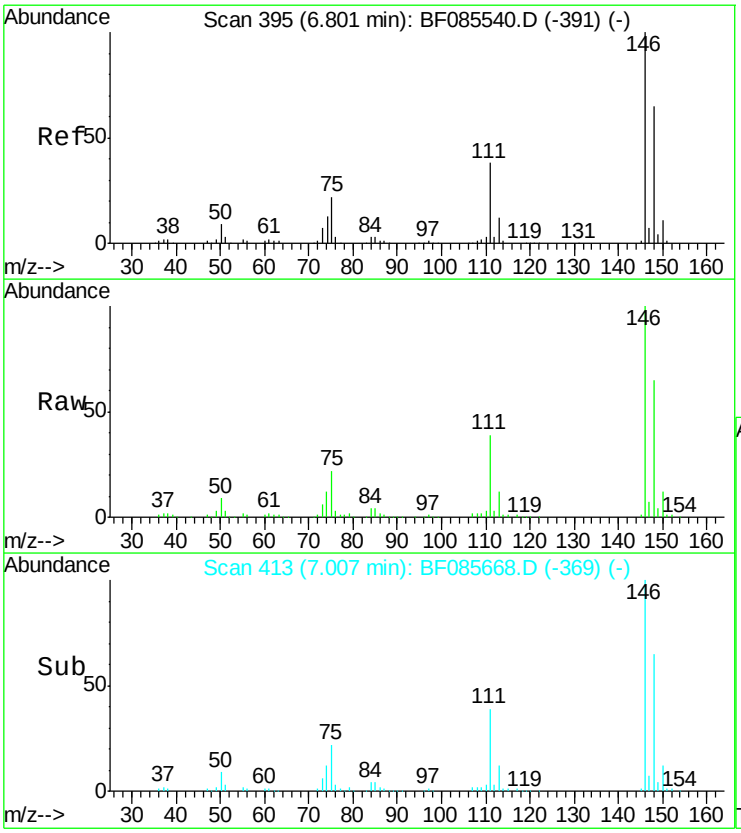

#11
bis(2-Chloroethyl)ether
Concen: 35.71 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion: 93 Resp: 285837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 65.8 | 50.9 | 90.9 |
| 95 | 32.7 | 13.3 | 53.3 |

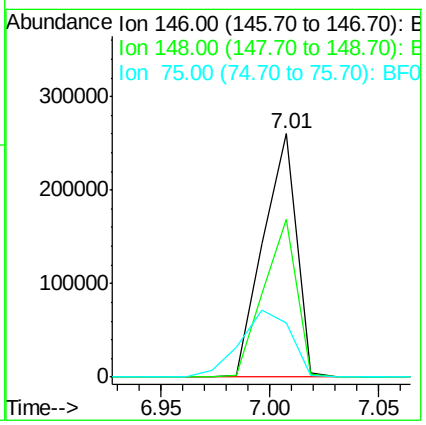


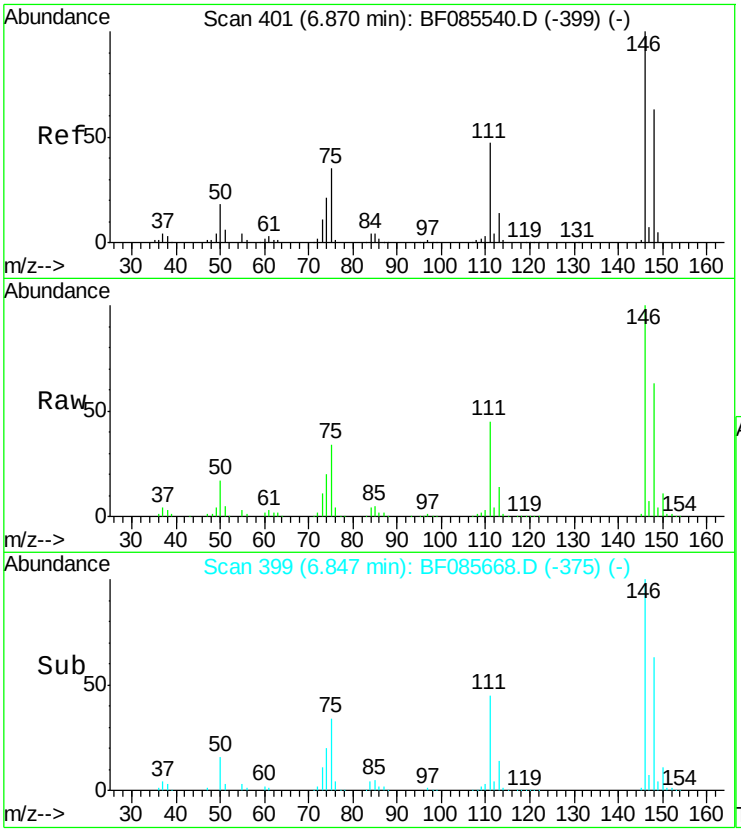




#12
1,3-Dichlorobenzene
Concen: 30.66 ng
RT: 7.01 min Scan# 413
Delta R.T. 0.21 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:146 Resp: 280914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 52.3 | 78.5 |
| 75 | 22.3 | 17.4 | 26.2 |



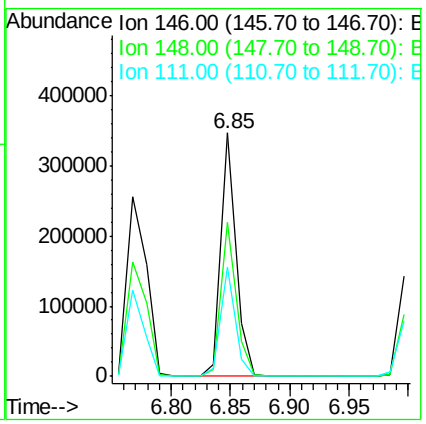


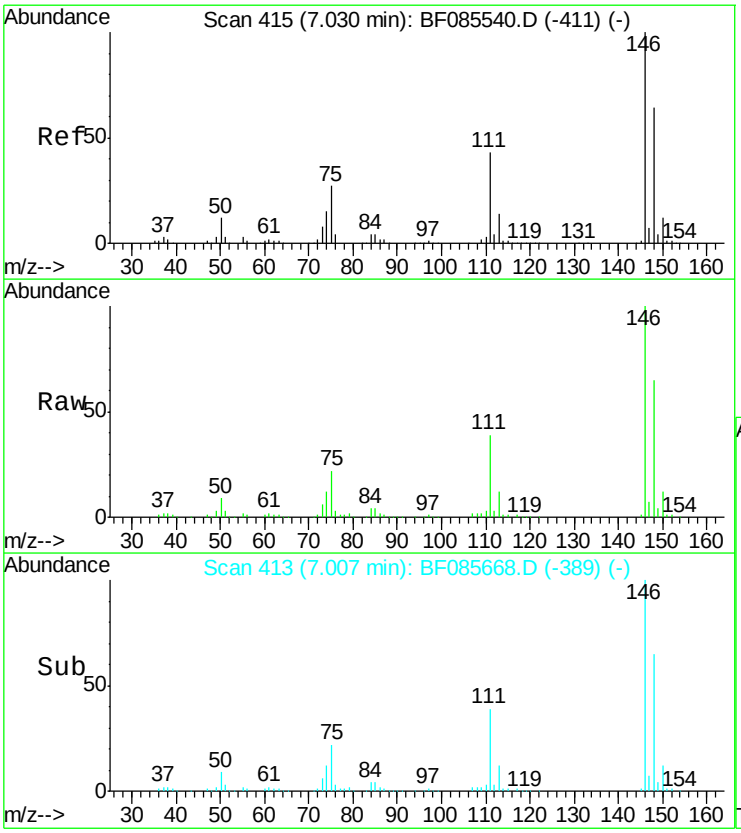

#13
1,4-Dichlorobenzene
Concen: 32.70 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:146 Resp: 305612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.0 | 50.6 | 76.0 |
| 111 | 45.0 | 37.8 | 56.6 |

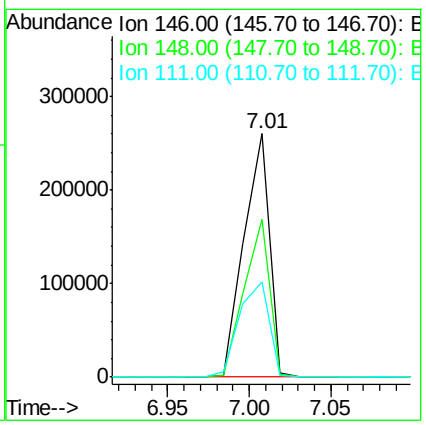


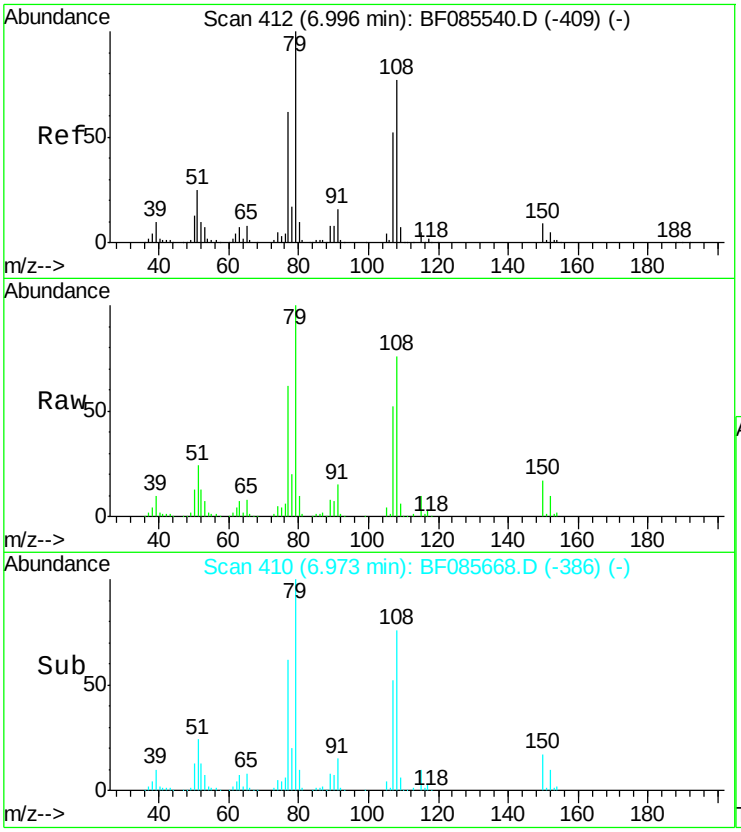




#14
1,2-Dichlorobenzene
Concen: 33.85 ng
RT: 7.01 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:146 Resp: 280880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.1 | 51.4 | 77.2 |
| 111 | 38.9 | 34.6 | 52.0 |



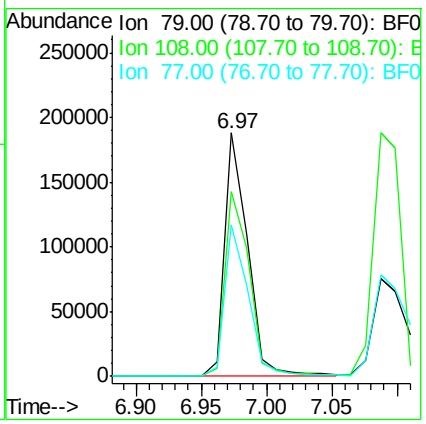


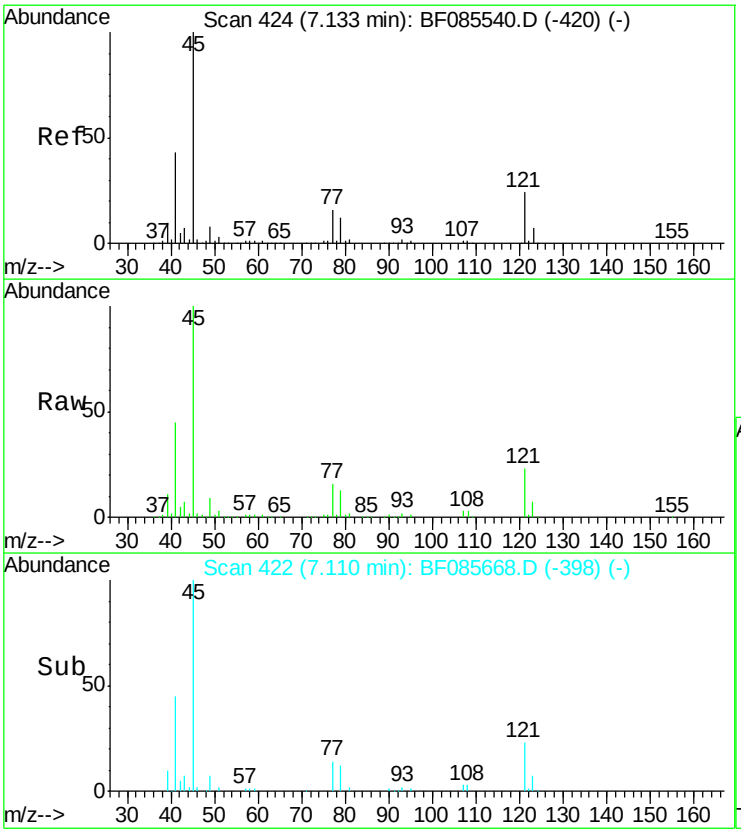

#15
Benzyl Alcohol
Concen: 36.28 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion: 79 Resp: 231701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 76.0 | 61.8 | 92.6 |
| 77 | 62.0 | 49.6 | 74.4 |

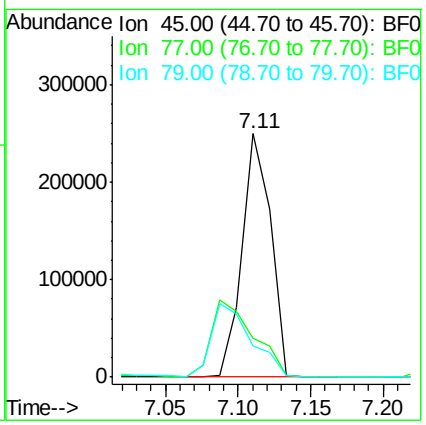


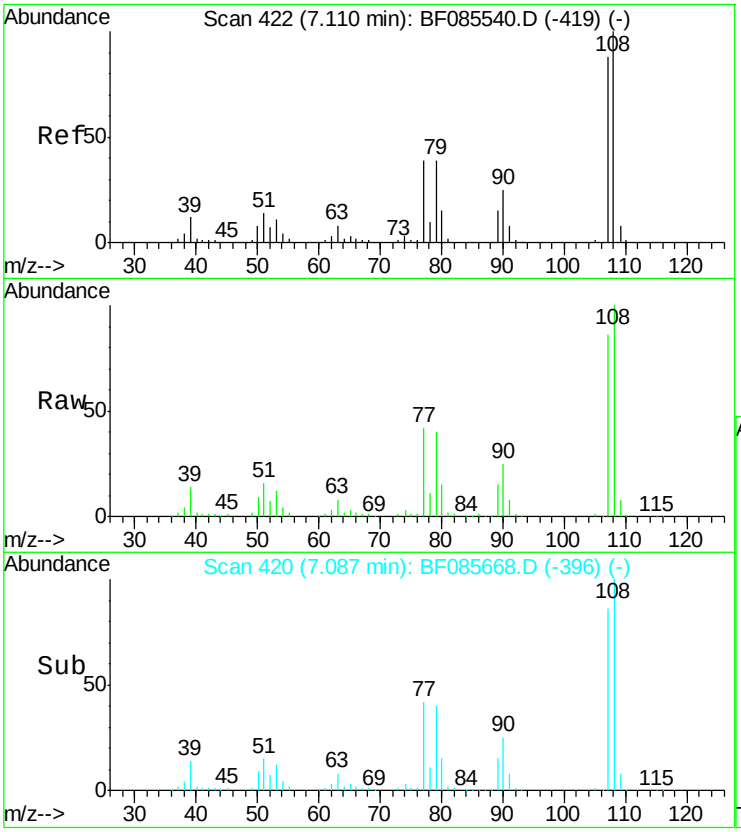




#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.46 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion: 45 Resp: 341709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.2 | 0.0 | 35.7 |
| 79 | 12.6 | 0.0 | 32.2 |



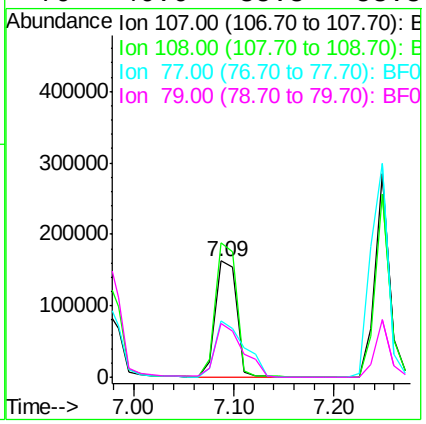


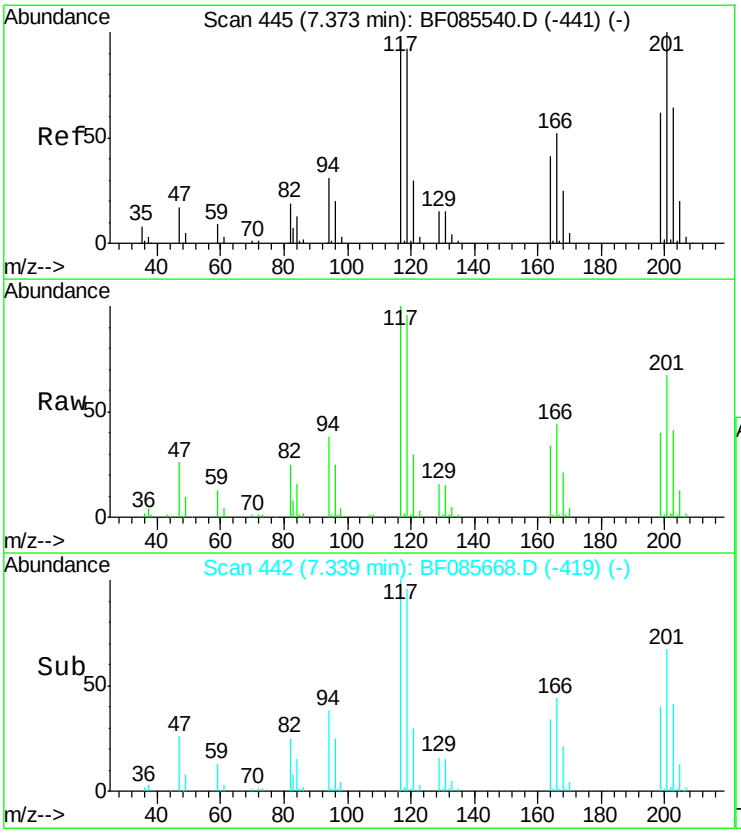

#17
2-Methylphenol
Concen: 34.58 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:107 Resp: 241014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.7 | 91.4 | 137.0 |
| 77 | 48.5 | 36.2 | 54.2 |
| 79 | 46.6 | 35.8 | 53.8 |

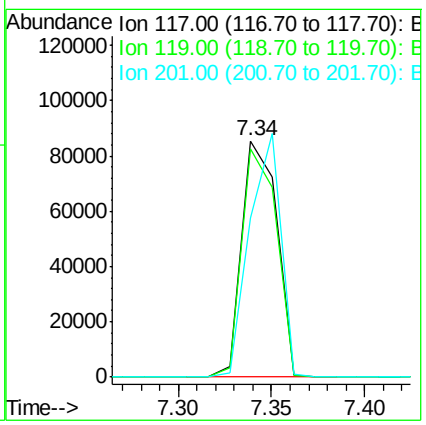


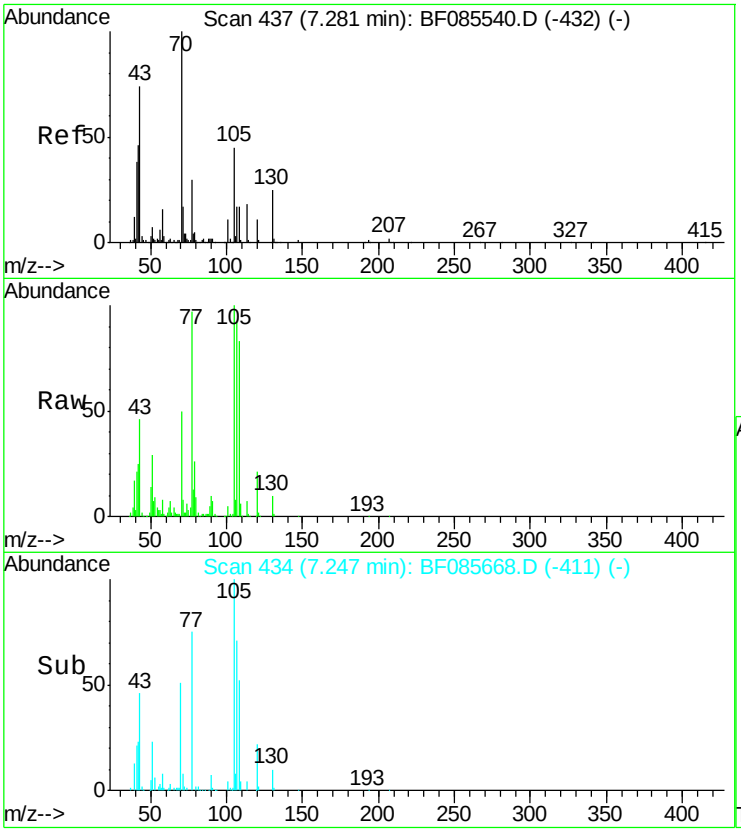




#18
Hexachloroethane
Concen: 32.94 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:117 Resp: 111153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.5 | 76.7 | 115.1 |
| 201 | 67.1 | 83.3 | 124.9# |



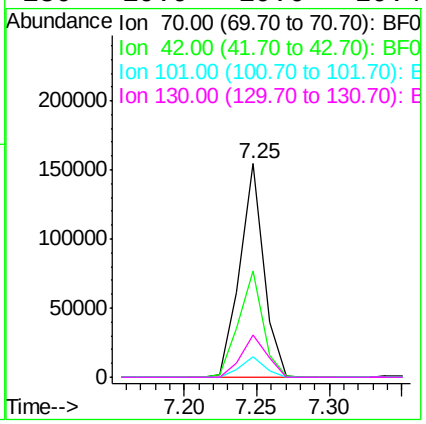


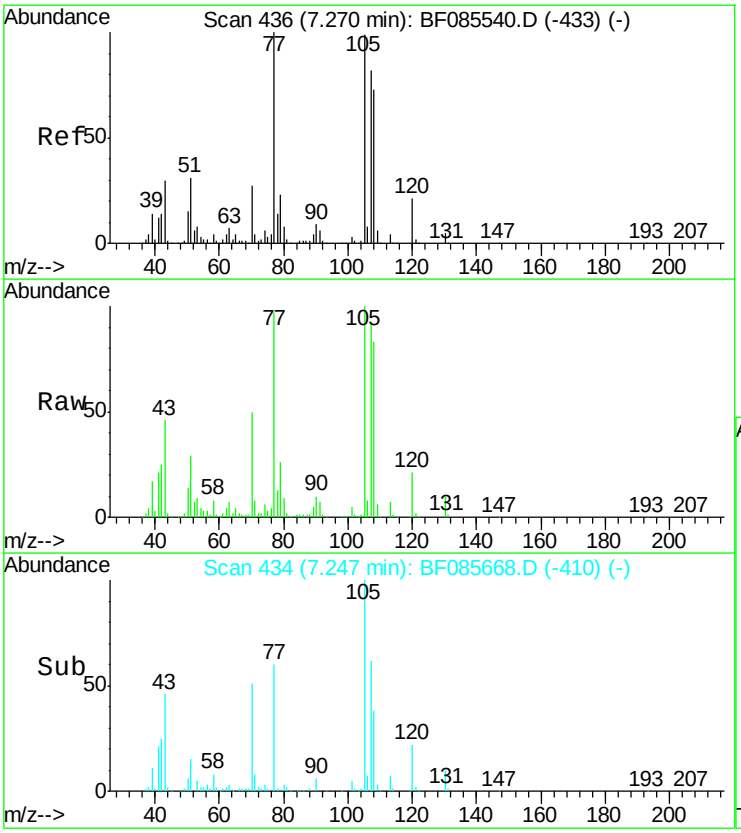

#19
n-Nitroso-di-n-propylamine
Concen: 32.00 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion: 70 Resp: 178188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.0 | 37.1 | 55.7 |
| 101 | 9.5 | 8.6 | 12.8 |
| 130 | 19.9 | 19.6 | 29.4 |

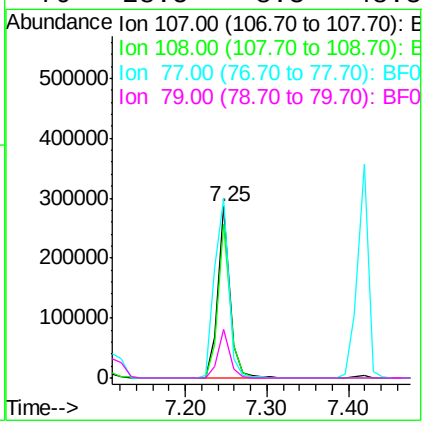


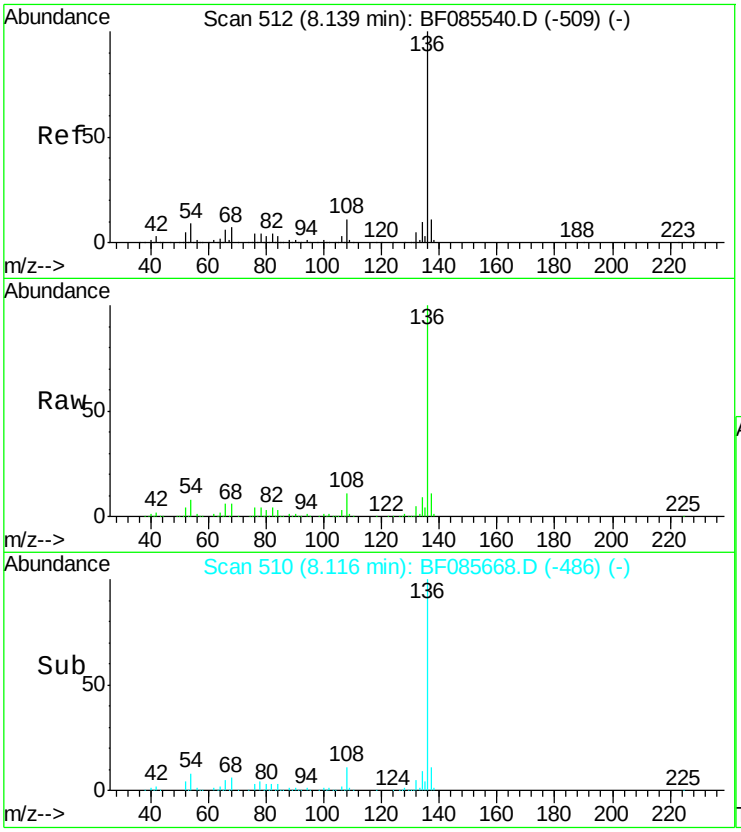




#20
3+4-Methylphenols
Concen: 36.35 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:107 Resp: 293429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 89.9 | 69.3 | 109.3 |
| 77 | 104.6 | 101.7 | 141.7 |
| 79 | 28.5 | 8.3 | 48.3 |



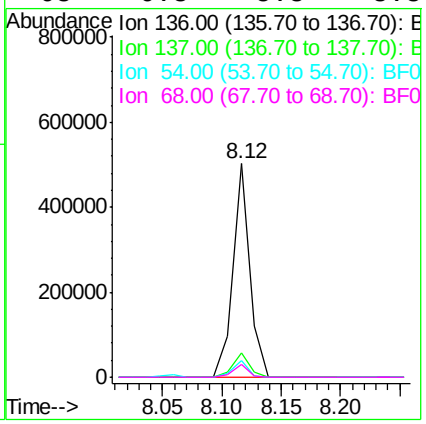


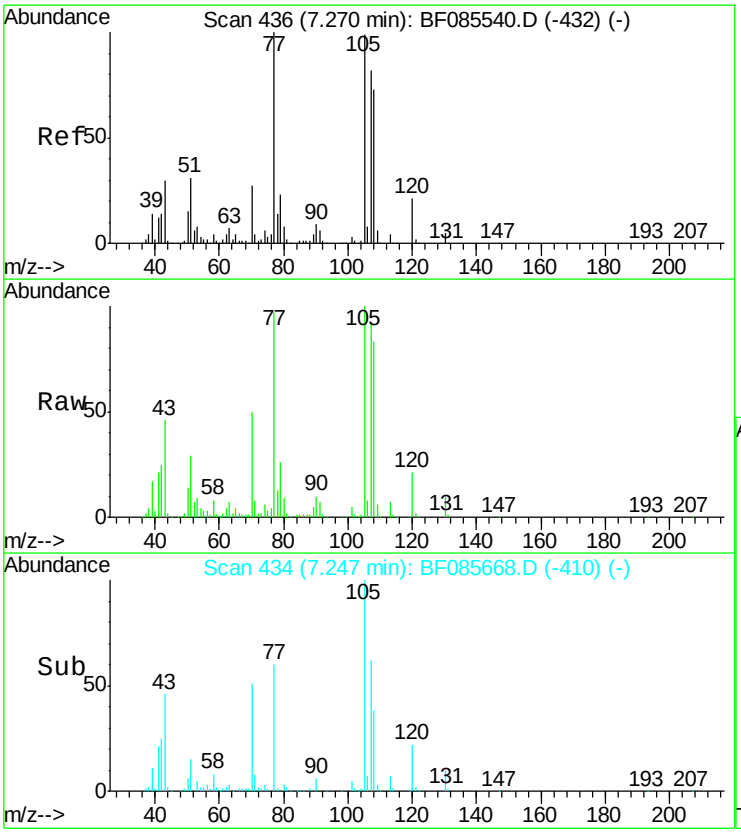

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:136 Resp: 496713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.1 | 13.7 |
| 54 | 7.6 | 7.4 | 11.0 |
| 68 | 6.3 | 5.8 | 8.8 |

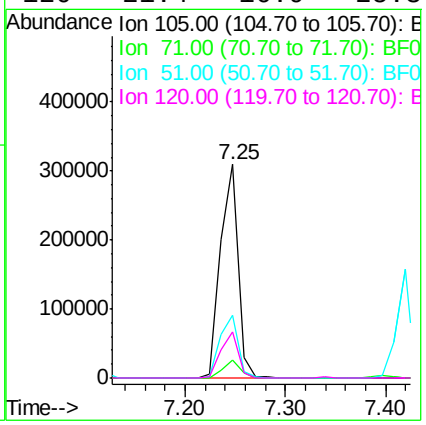


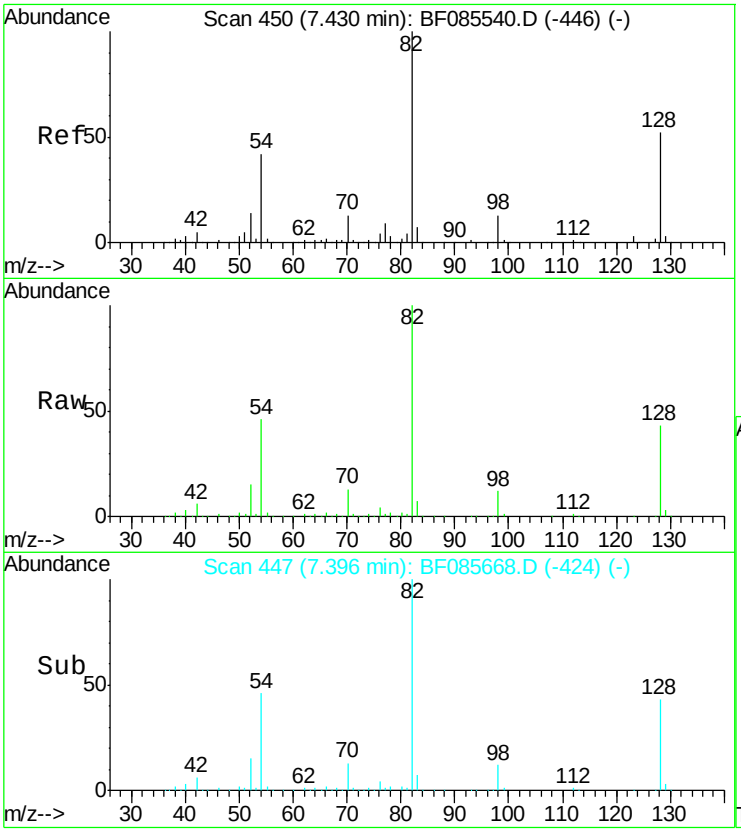




#22
Acetophenone
Concen: 32.00 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:105 Resp: 377161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 8.2 | 3.6 | 5.4# |
| 51 | 29.2 | 25.4 | 38.0 |
| 120 | 21.4 | 16.9 | 25.3 |



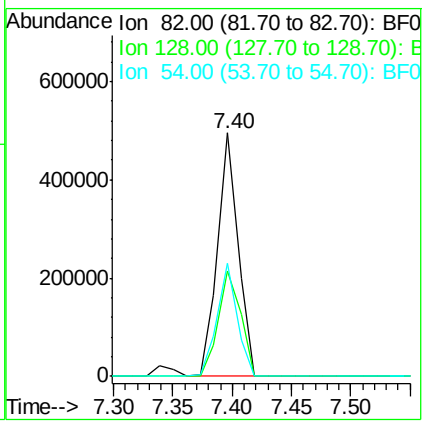


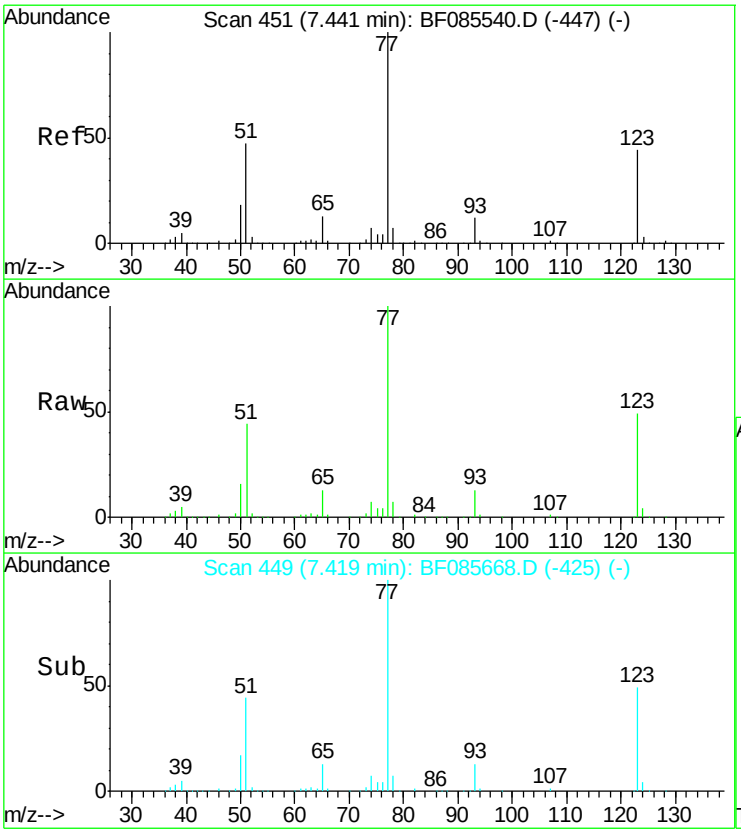

#23
Nitrobenzene-d5
Concen: 69.48 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion: 82 Resp: 594556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.4 | 41.8 | 62.8 |
| 54 | 46.4 | 33.4 | 50.0 |

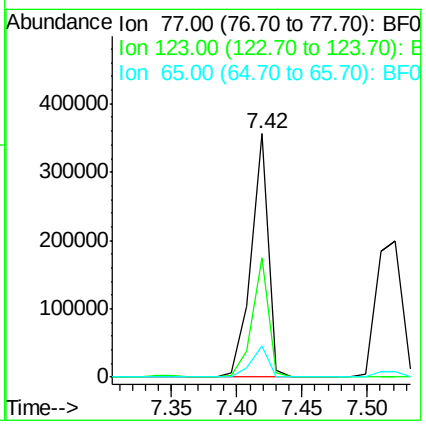


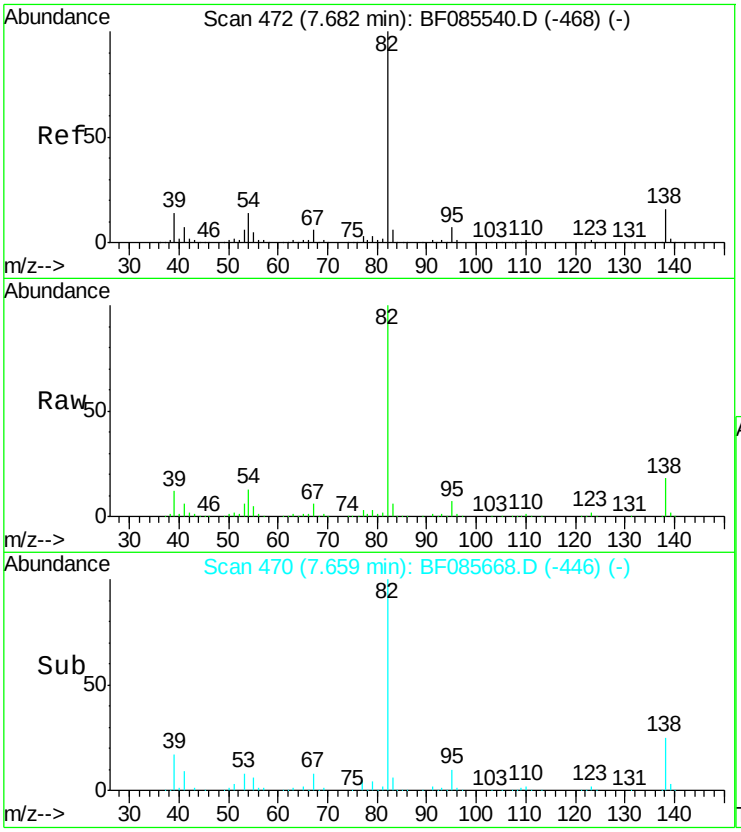




#24
Nitrobenzene
Concen: 34.96 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion: 77 Resp: 327461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 48.9 | 35.0 | 52.4 |
| 65 | 12.8 | 10.6 | 16.0 |



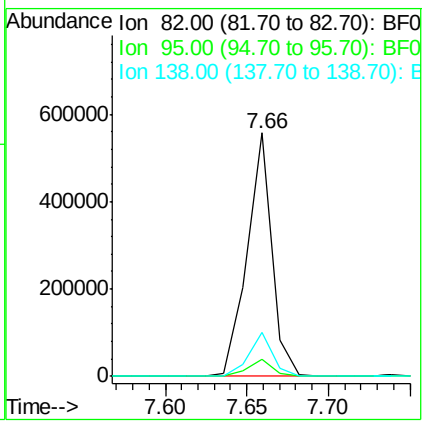


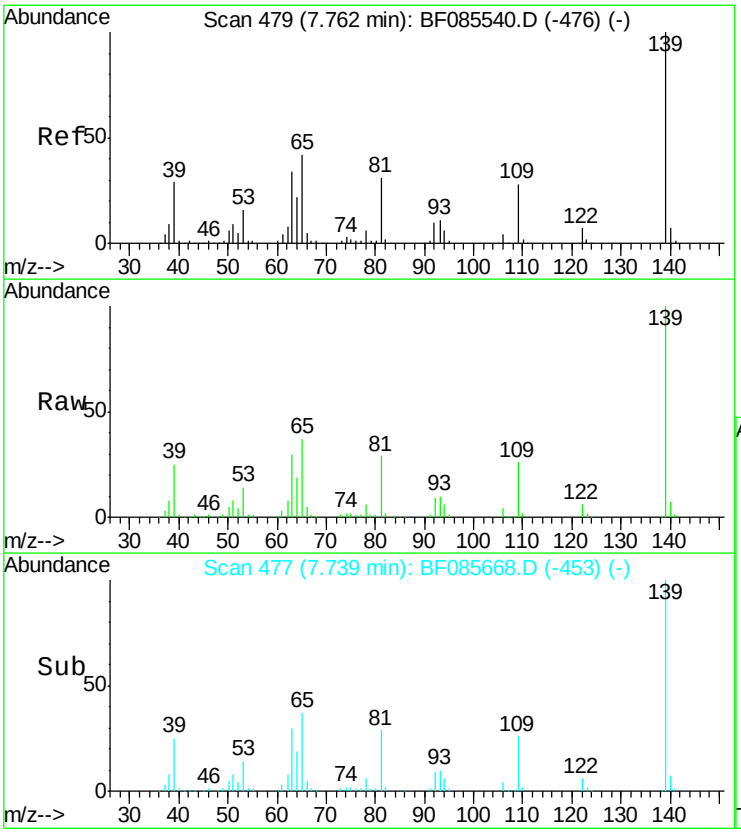

#25
Isophorone
Concen: 34.31 ng
RT: 7.66 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion: 82 Resp: 587832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.4 | 8.2 |
| 138 | 17.8 | 12.9 | 19.3 |

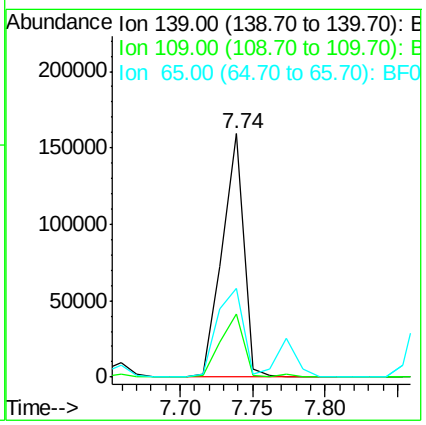


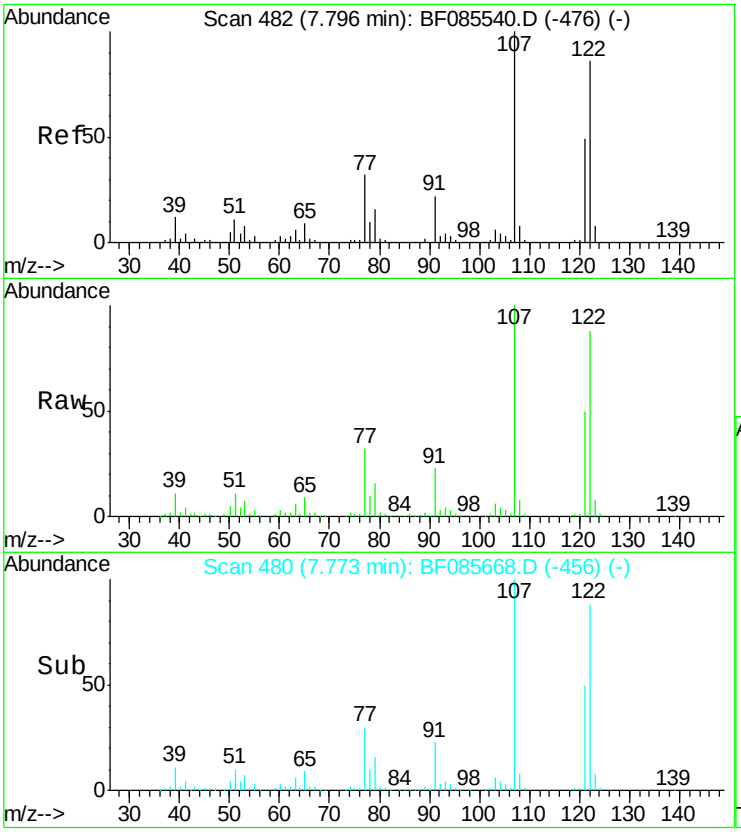




#26
2-Nitrophenol
Concen: 35.64 ng
RT: 7.74 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:139 Resp: 164967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.9 | 22.1 | 33.1 |
| 65 | 36.6 | 33.9 | 50.9 |



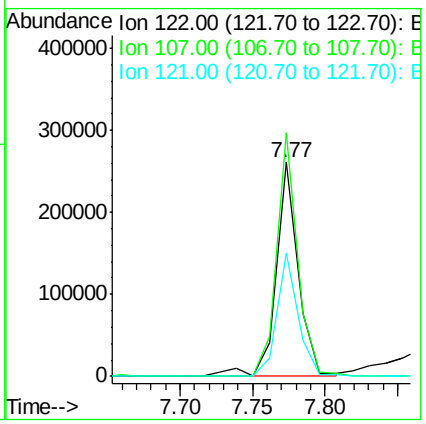


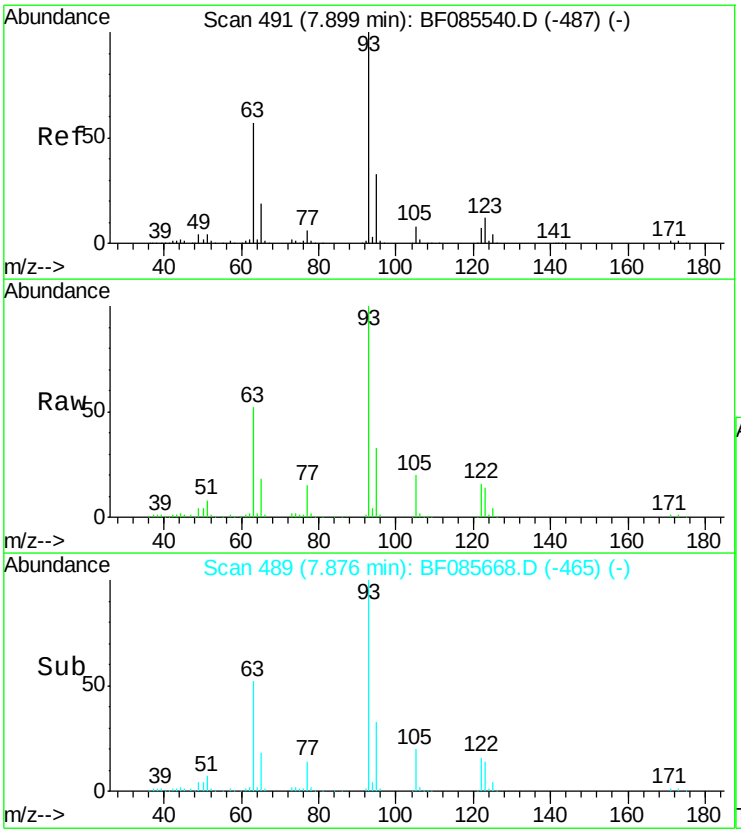

#27
2,4-Dimethylphenol
Concen: 33.58 ng
RT: 7.77 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:122 Resp: 274882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 113.8 | 93.0 | 139.6 |
| 121 | 57.4 | 45.9 | 68.9 |

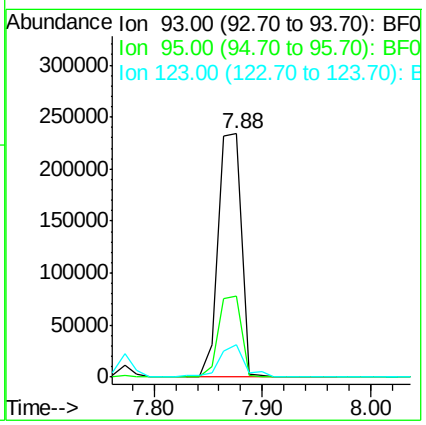


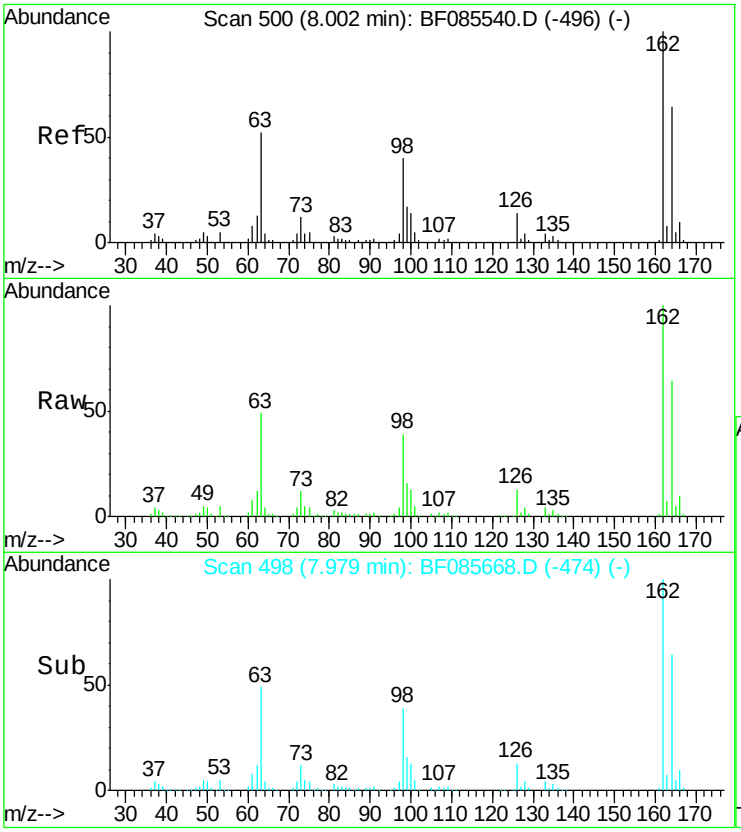




#28
bis(2-Chloroethoxy)methane
Concen: 35.48 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion: 93 Resp: 345736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.1 | 26.4 | 39.6 |
| 123 | 13.5 | 9.8 | 14.6 |



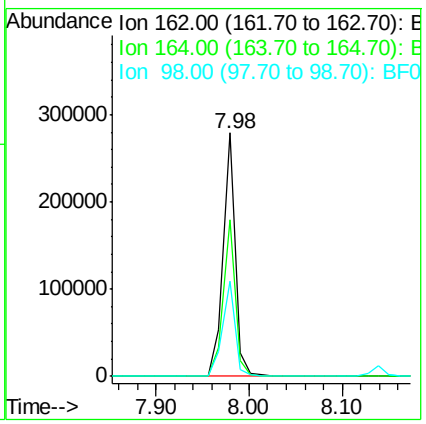


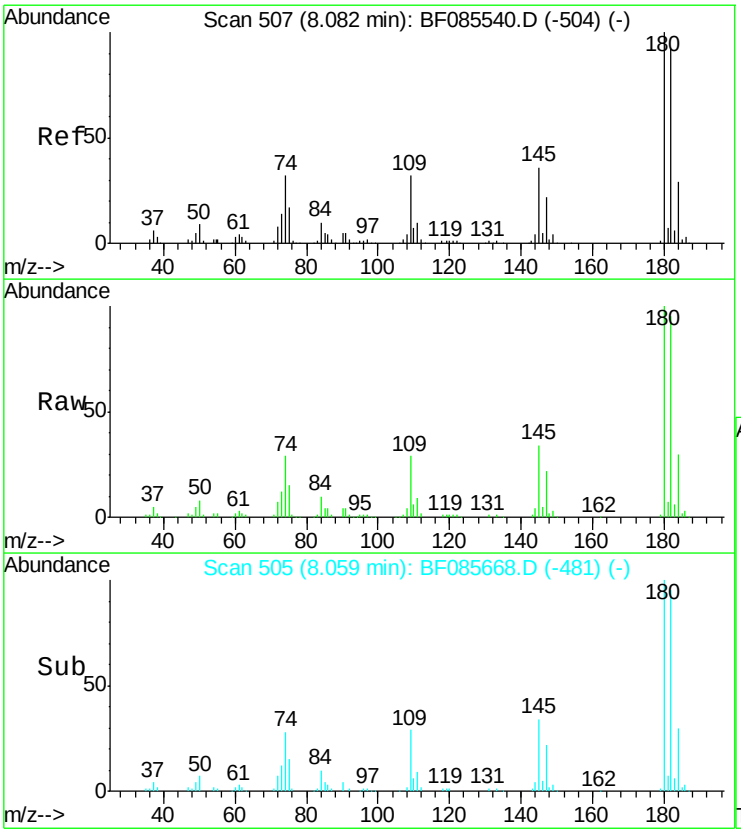

#29
2,4-Dichlorophenol
Concen: 37.28 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:162 Resp: 252031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.1 | 43.7 | 83.7 |
| 98 | 38.9 | 20.4 | 60.4 |

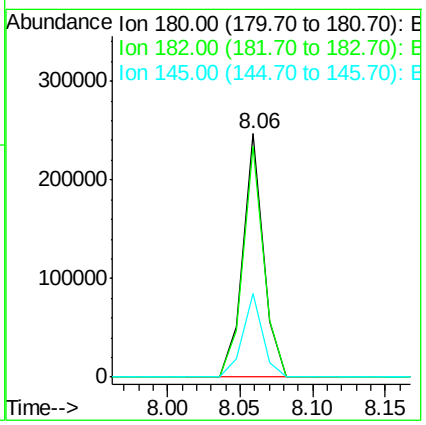


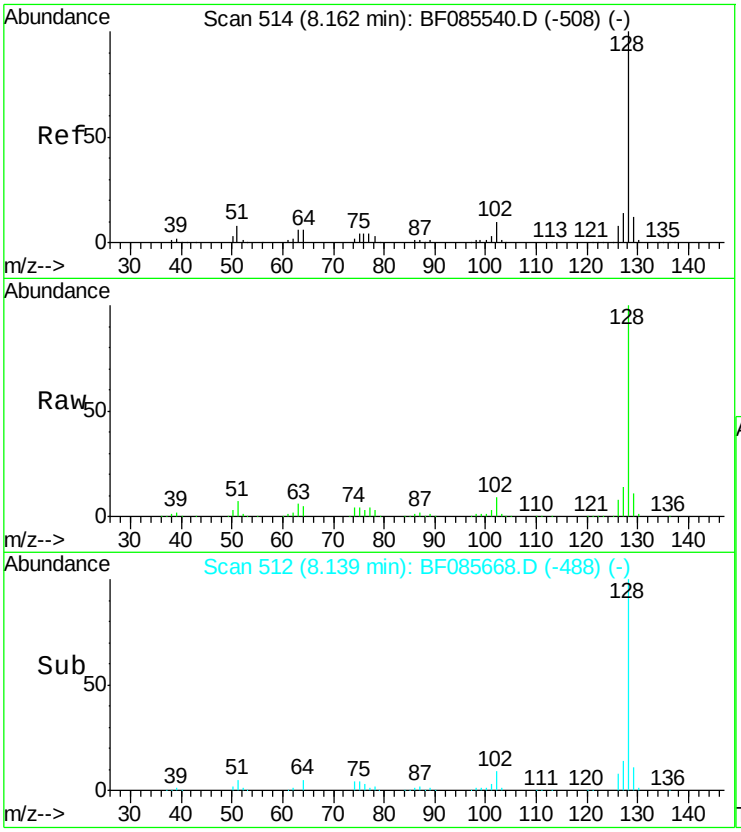




#30
1,2,4-Trichlorobenzene
Concen: 32.22 ng
RT: 8.06 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:180 Resp: 243978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 73.8 | 110.8 |
| 145 | 34.4 | 28.4 | 42.6 |



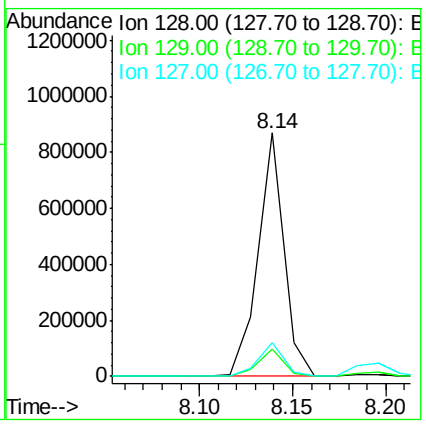


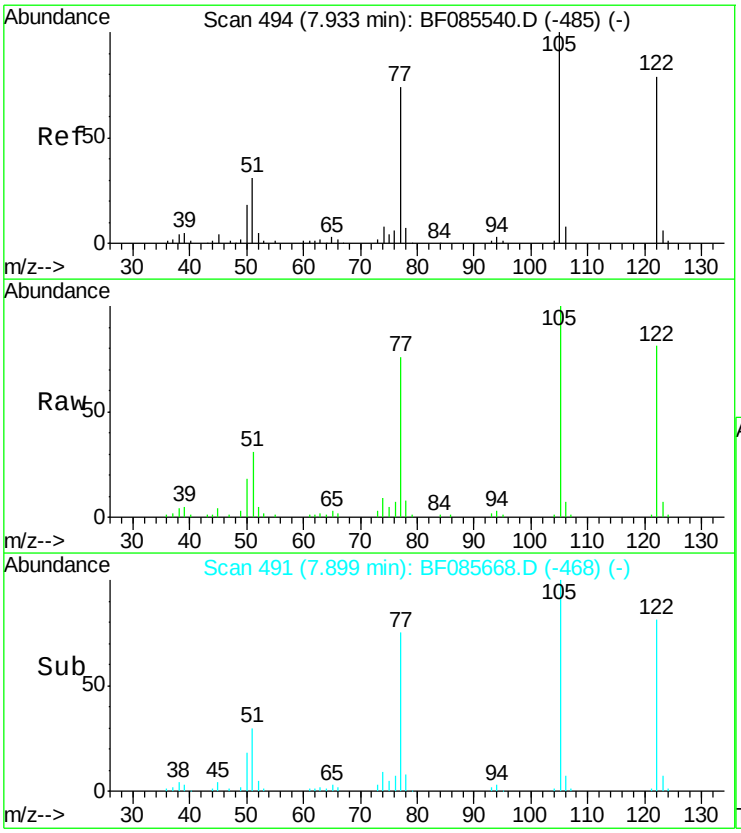

#31
Naphthalene
Concen: 33.09 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:128 Resp: 829692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.4 | 14.0 |
| 127 | 13.7 | 11.0 | 16.6 |

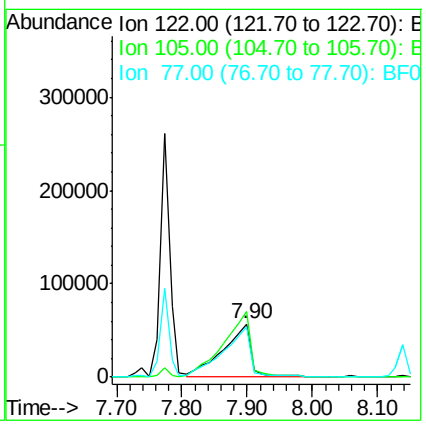


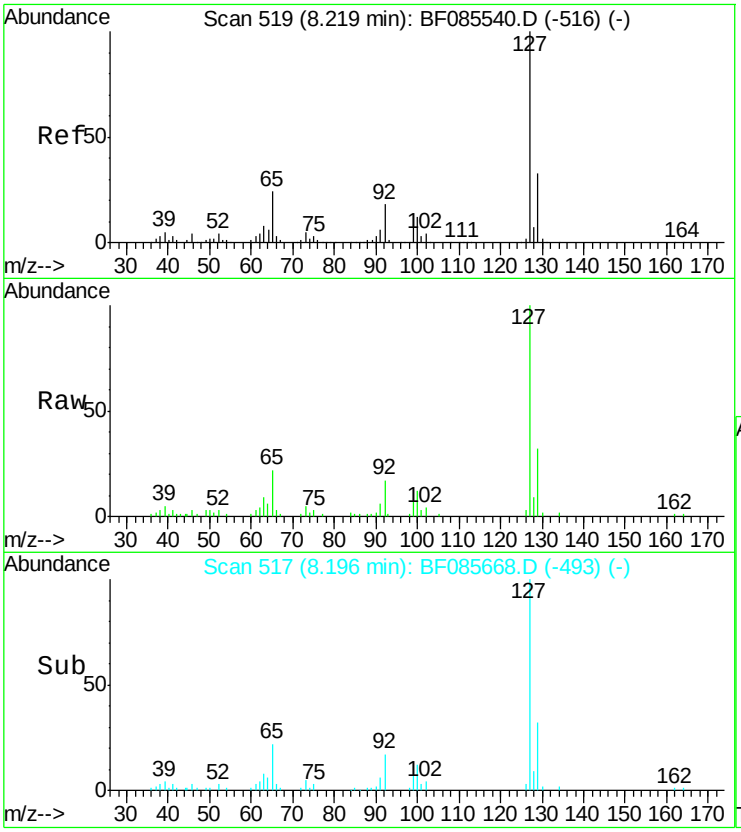




#32
Benzoic acid
Concen: 24.50 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:122 Resp: 167697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.3 | 102.9 | 142.9 |
| 77 | 94.2 | 71.8 | 111.8 |



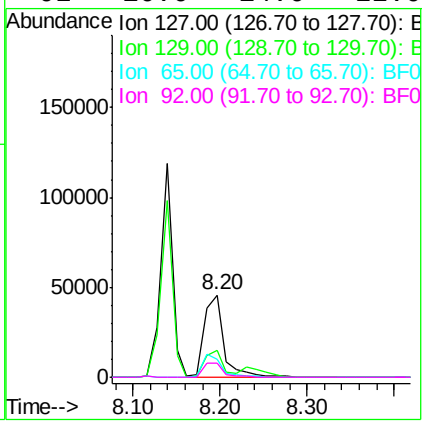


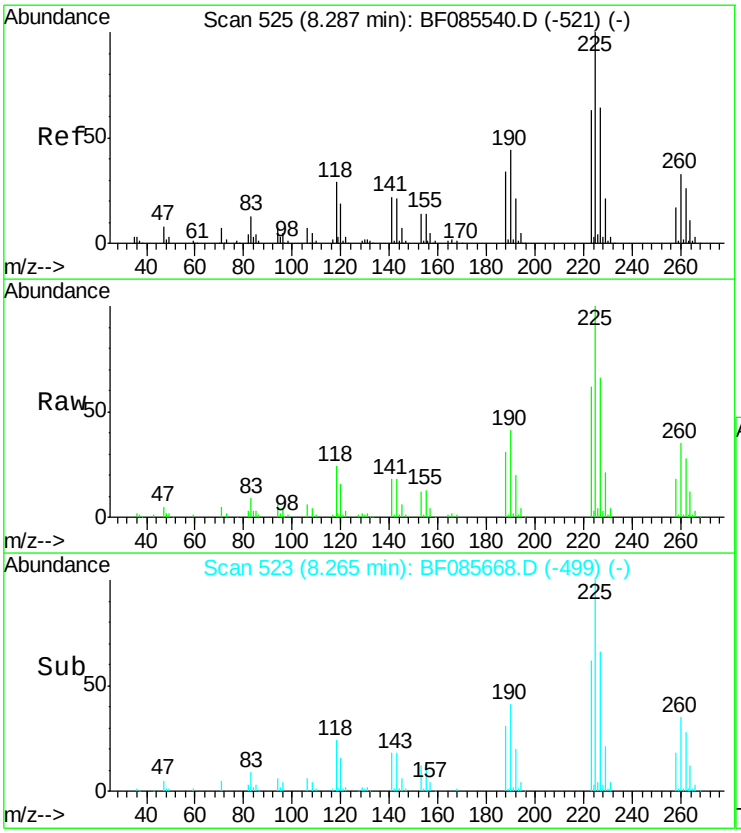

#33
4-Chloroaniline
Concen: 7.04 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:127 Resp: 72370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 26.1 | 39.1 |
| 65 | 21.9 | 19.5 | 29.3 |
| 92 | 16.6 | 14.6 | 22.0 |

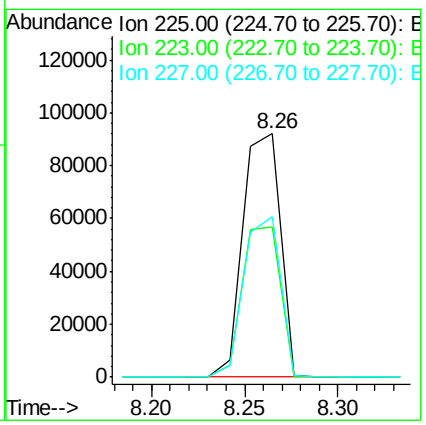


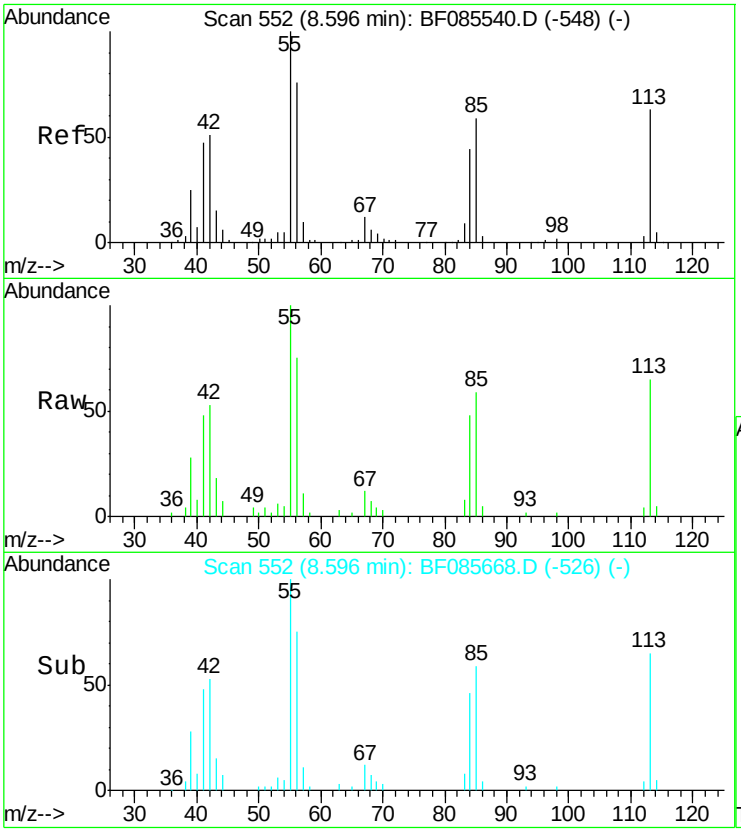




#34
Hexachlorobutadiene
Concen: 31.69 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:225 Resp: 127891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.7 | 50.4 | 75.6 |
| 227 | 65.8 | 51.4 | 77.2 |



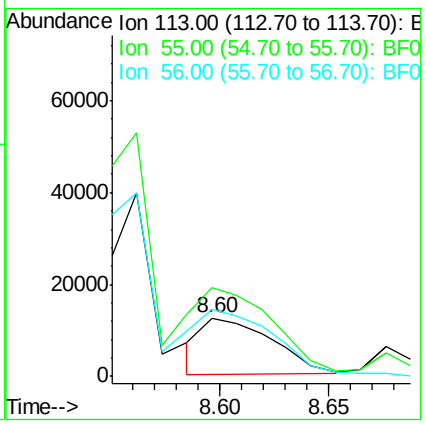


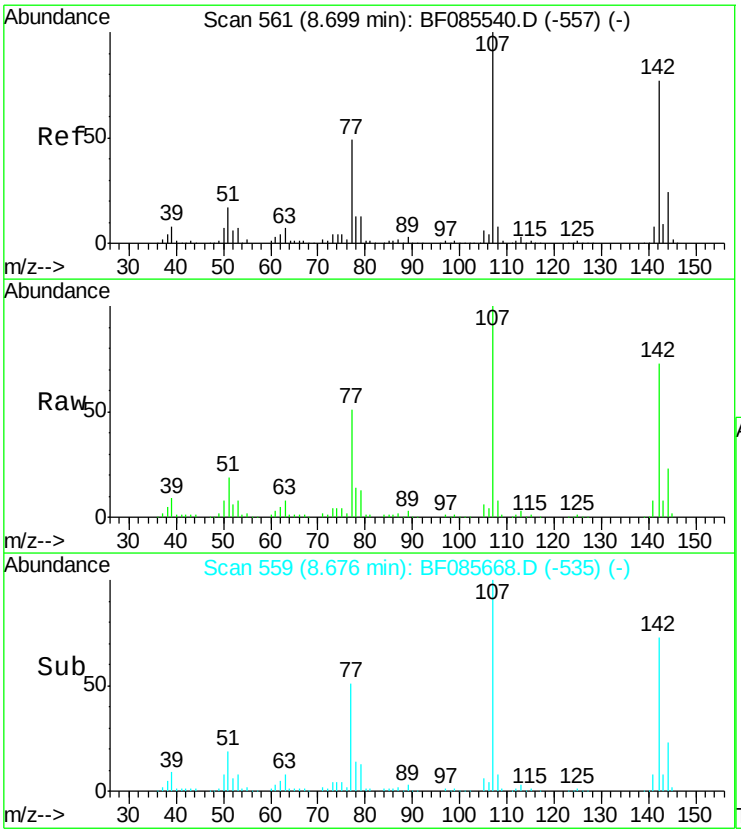

#35
Caprolactam
Concen: 11.88 ng
RT: 8.60 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:113 Resp: 27629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 153.5 | 139.4 | 179.4 |
| 56 | 114.9 | 100.4 | 140.4 |

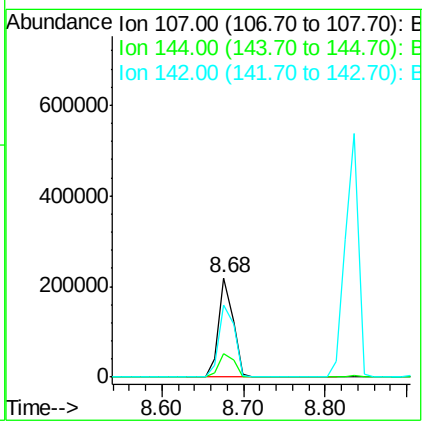


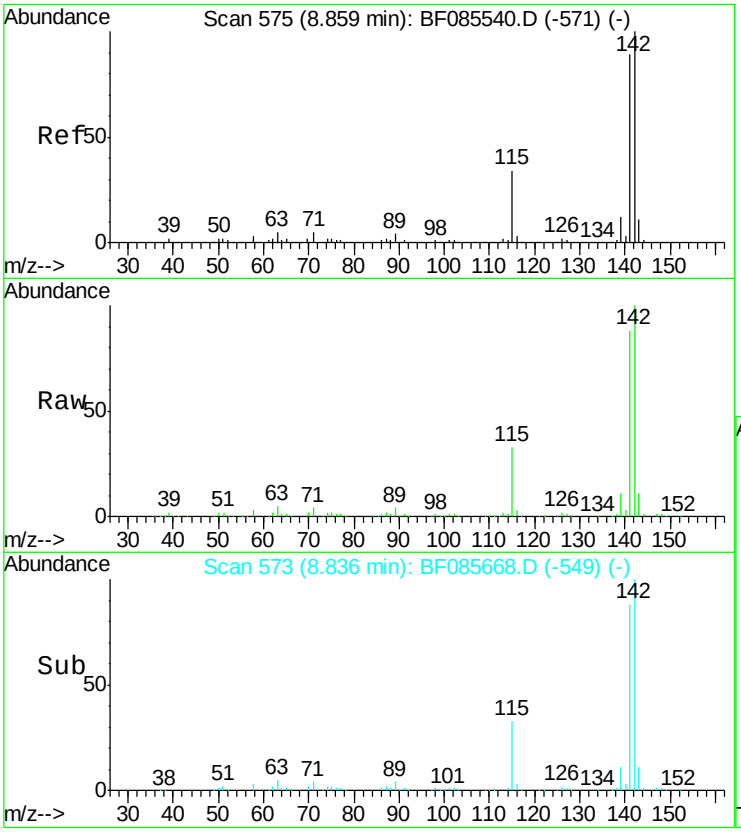




#36
4-Chloro-3-methylphenol
Concen: 34.25 ng
RT: 8.68 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:107 Resp: 270406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.3 | 19.3 | 28.9 |
| 142 | 72.8 | 61.4 | 92.0 |



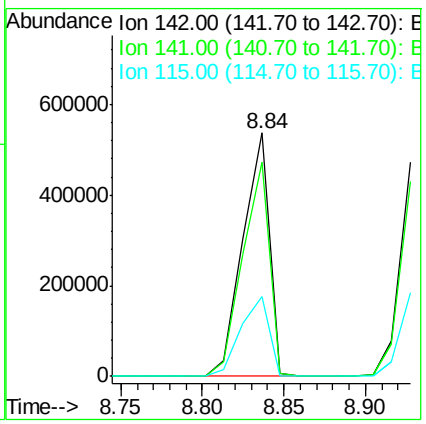


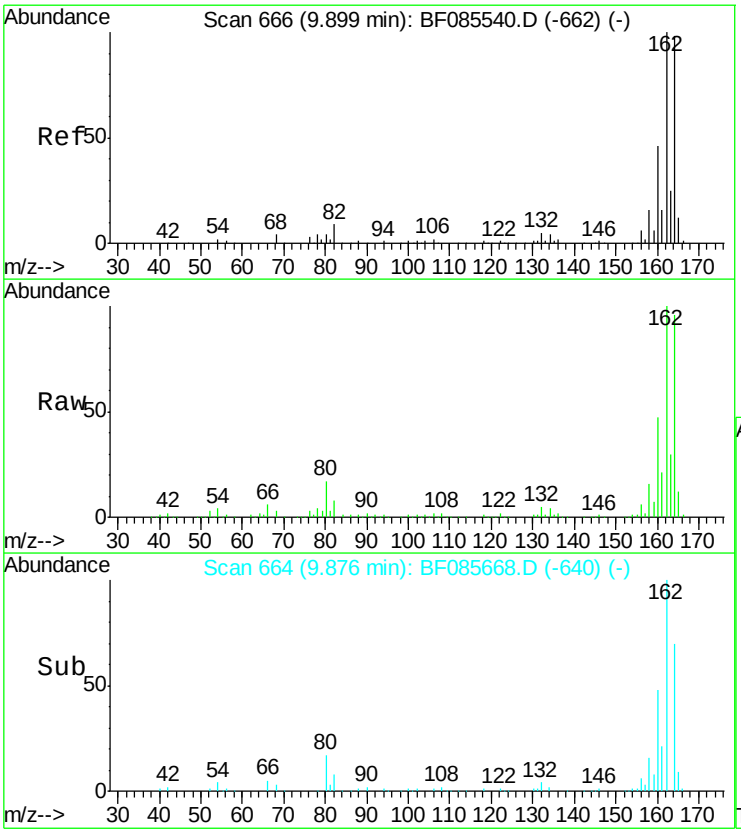

#37
2-Methylnaphthalene
Concen: 39.70 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:142 Resp: 606767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.8 | 71.6 | 107.4 |
| 115 | 32.5 | 26.8 | 40.2 |

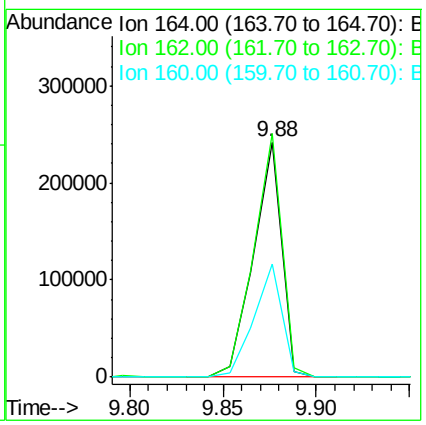


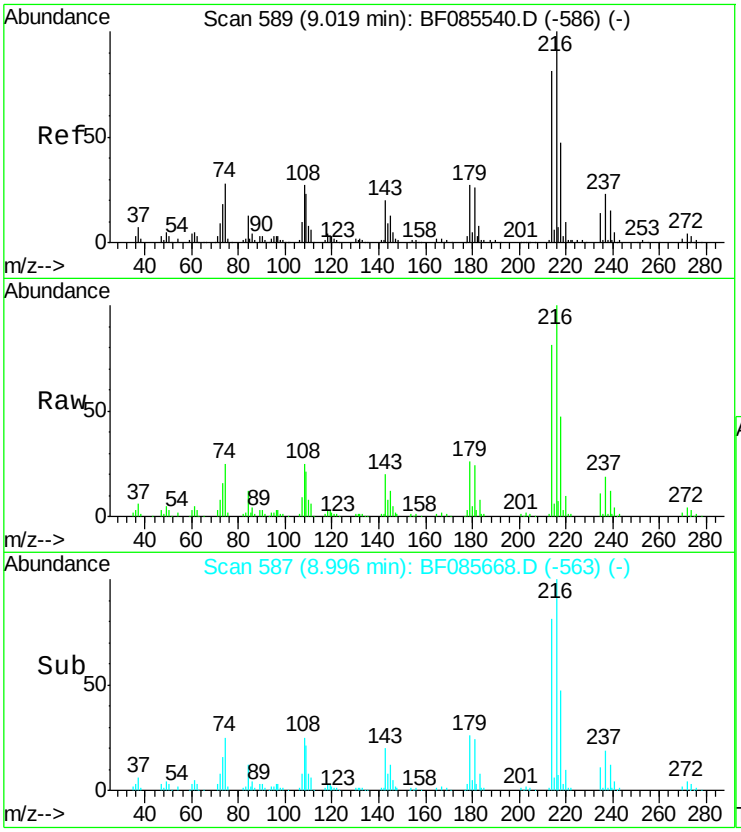




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:164 Resp: 250437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 82.1 | 123.1 |
| 160 | 48.3 | 37.4 | 56.2 |



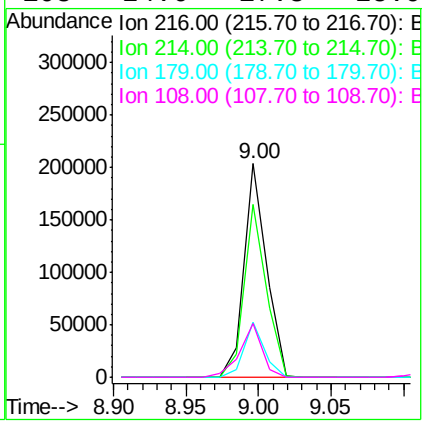


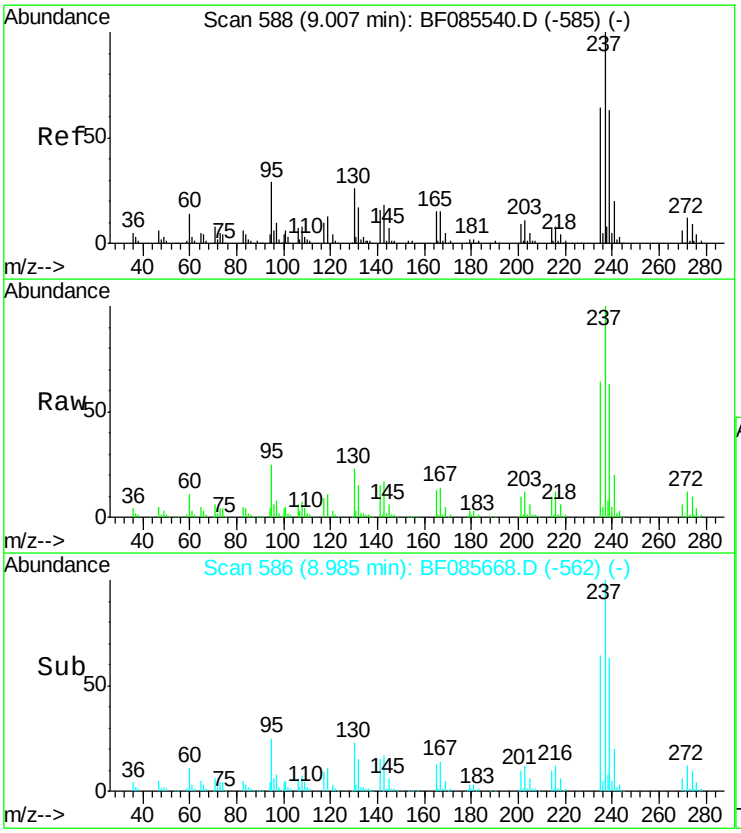

#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.76 ng
RT: 9.00 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:216 Resp: 218461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.7 | 63.1 | 94.7 |
| 179 | 23.5 | 18.2 | 27.2 |
| 108 | 24.6 | 17.3 | 25.9 |

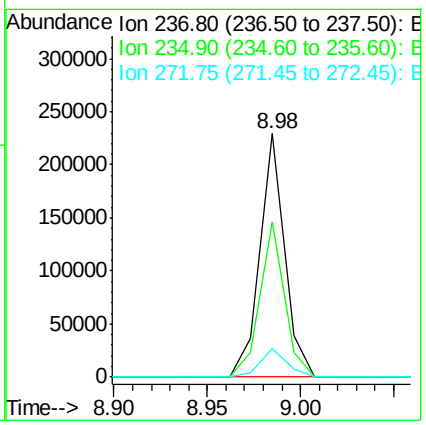


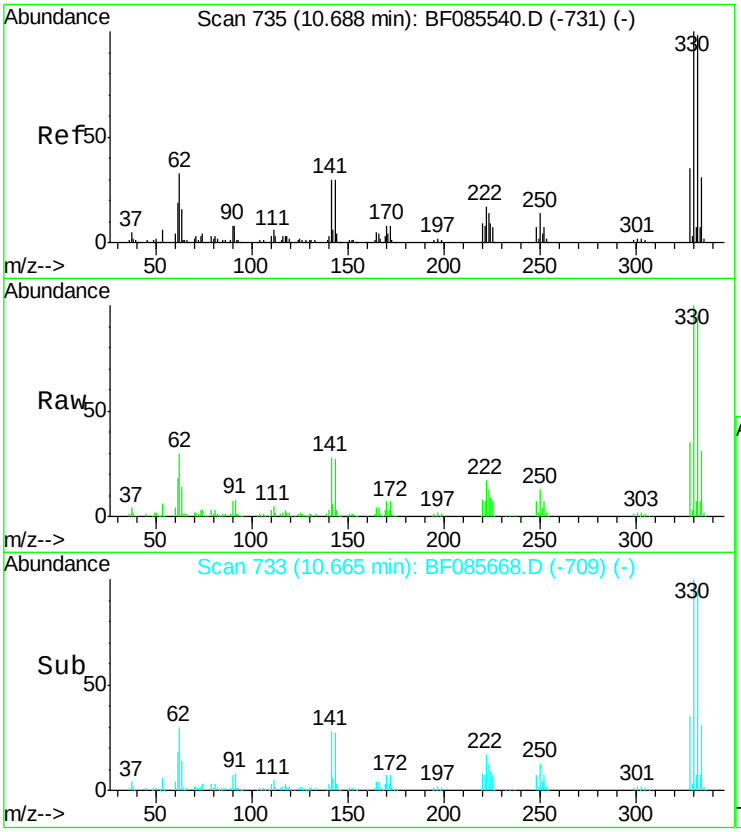




#40
Hexachlorocyclopentadiene
Concen: 61.31 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:237 Resp: 209904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.0 | 43.7 | 83.7 |
| 272 | 11.7 | 0.0 | 31.9 |



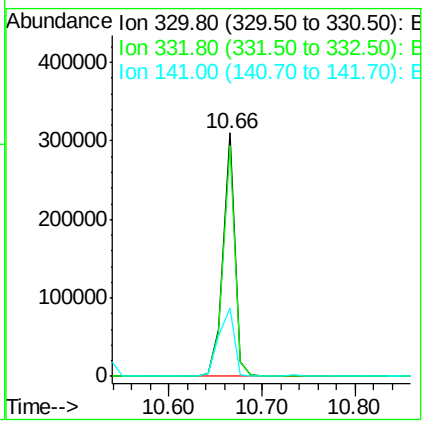


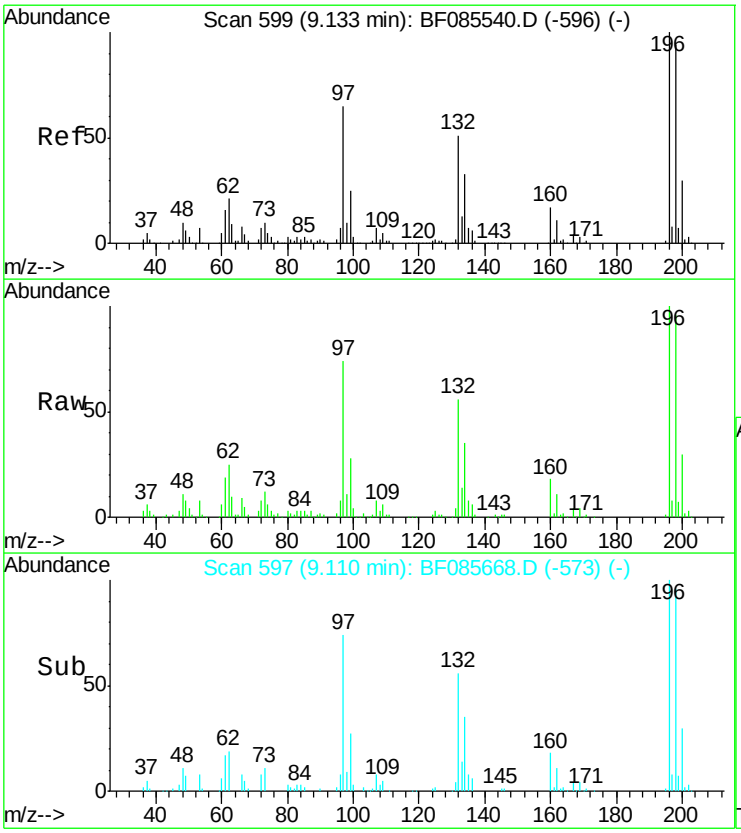

#41
2,4,6-Tribromophenol
Concen: 111.11 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:330 Resp: 272563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.3 | 78.2 | 117.2 |
| 141 | 36.7 | 31.5 | 47.3 |

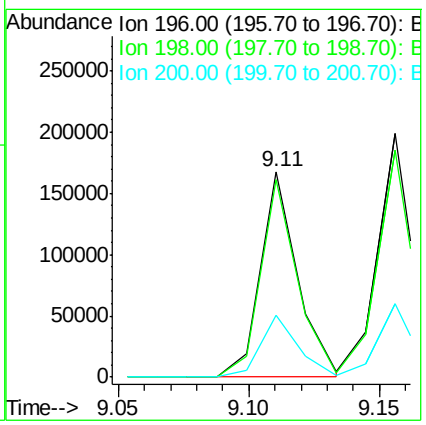


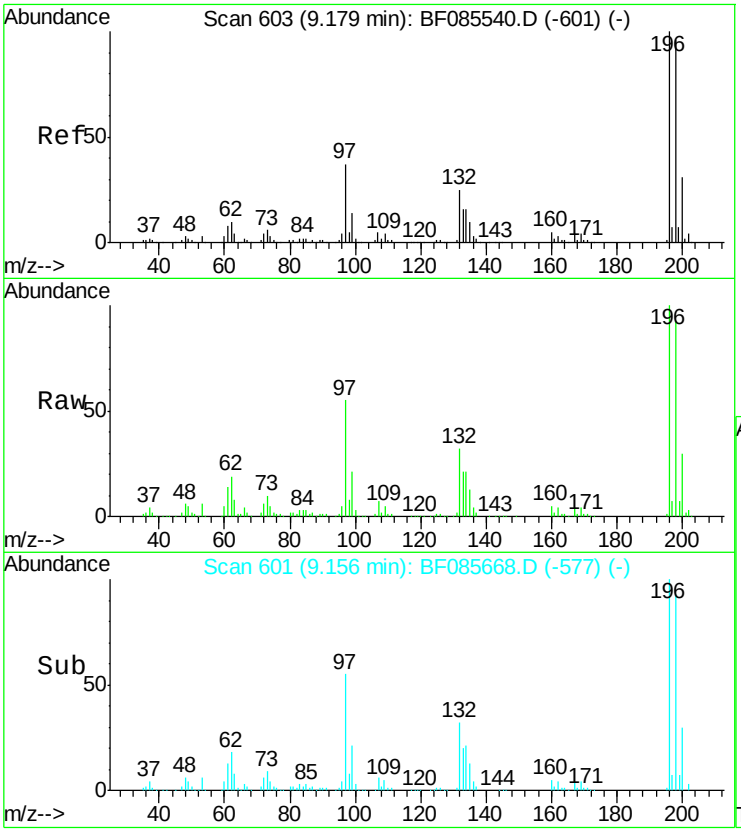




#42
2,4,6-Trichlorophenol
Concen: 31.95 ng
RT: 9.11 min Scan# 597
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:196 Resp: 166156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.4 | 75.3 | 112.9 |
| 200 | 30.1 | 23.7 | 35.5 |



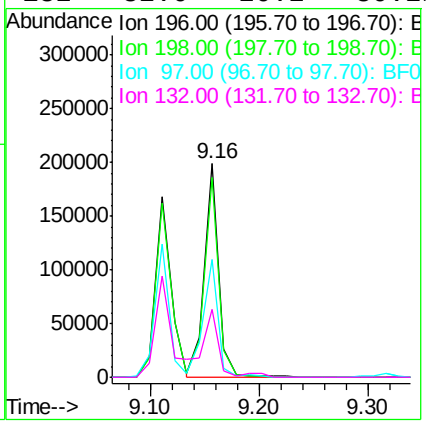


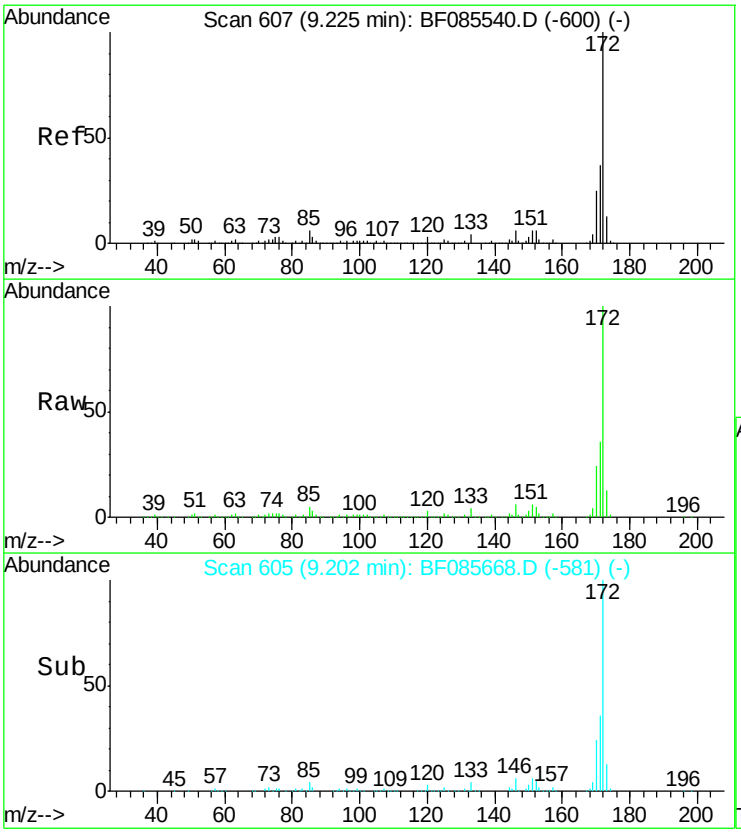

#43
2,4,5-Trichlorophenol
Concen: 34.91 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:196 Resp: 184761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.4 | 76.6 | 114.8 |
| 97 | 55.4 | 30.5 | 45.7# |
| 132 | 32.0 | 20.2 | 30.2# |

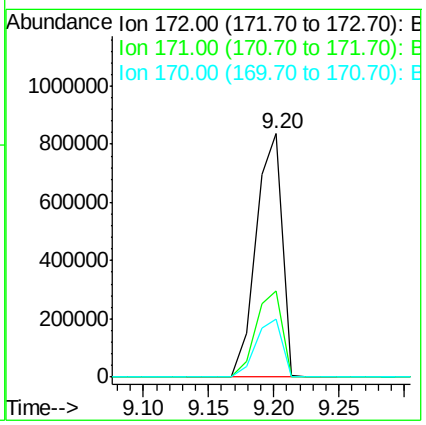


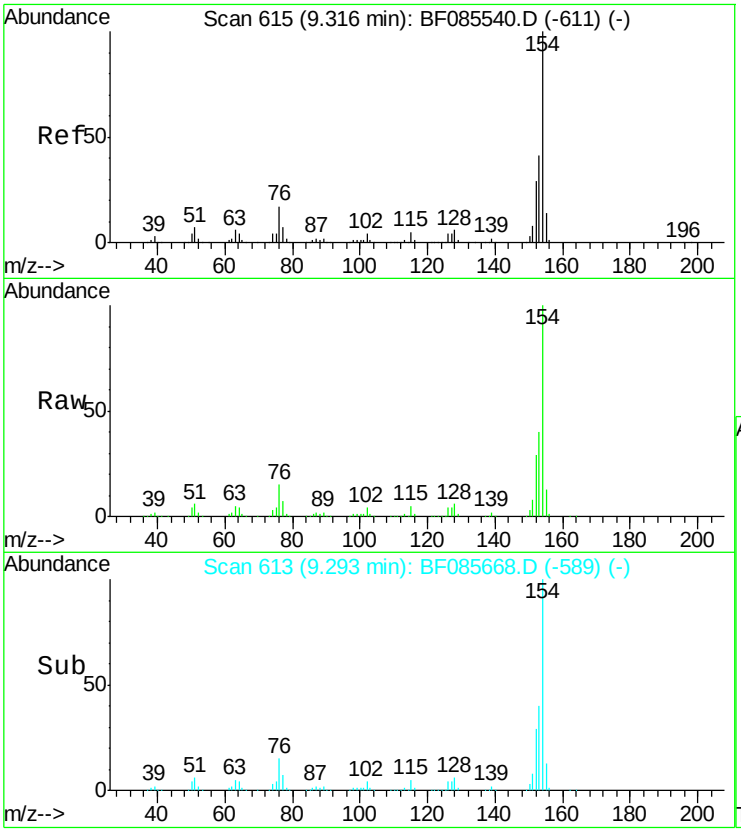




#44
2-Fluorobiphenyl
Concen: 77.54 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:172 Resp: 1163801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 29.4 | 44.2 |
| 170 | 23.9 | 19.8 | 29.6 |



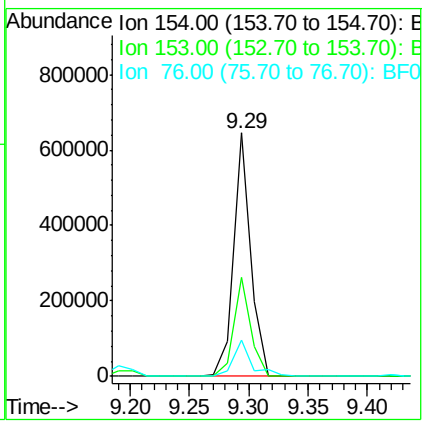


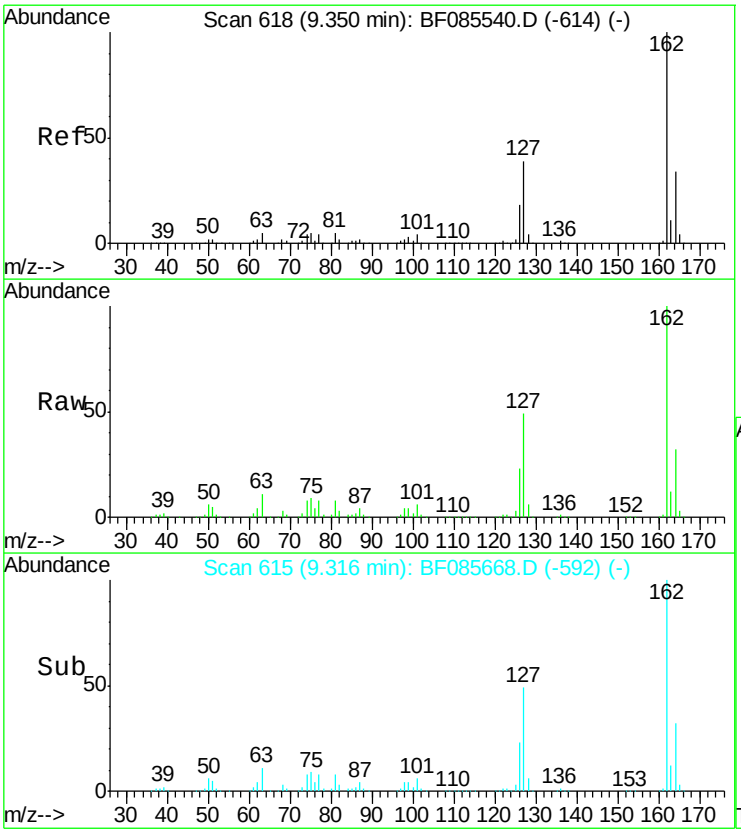

#45
1,1'-Biphenyl
Concen: 29.90 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:154 Resp: 646023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.5 | 20.8 | 60.8 |
| 76 | 15.1 | 0.0 | 36.7 |

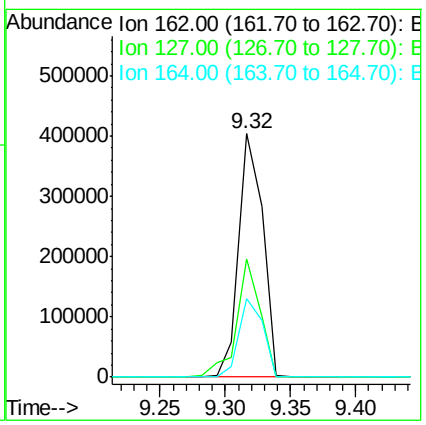


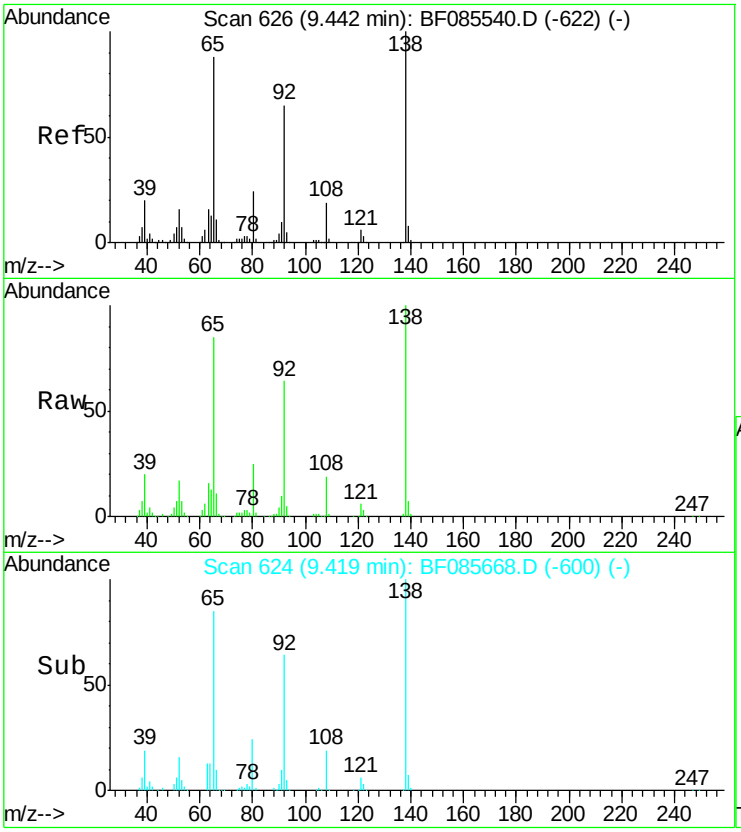




#46
2-Chloronaphthalene
Concen: 32.61 ng
RT: 9.32 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:162 Resp: 514586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 48.6 | 31.7 | 47.5# |
| 164 | 32.2 | 27.3 | 40.9 |



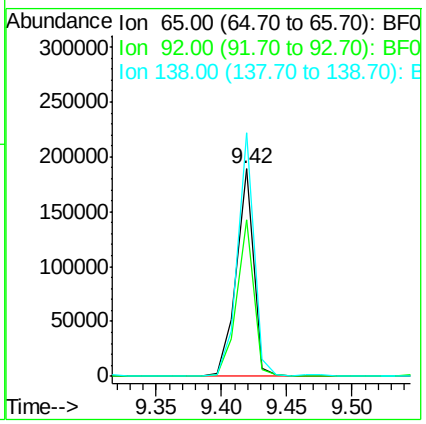


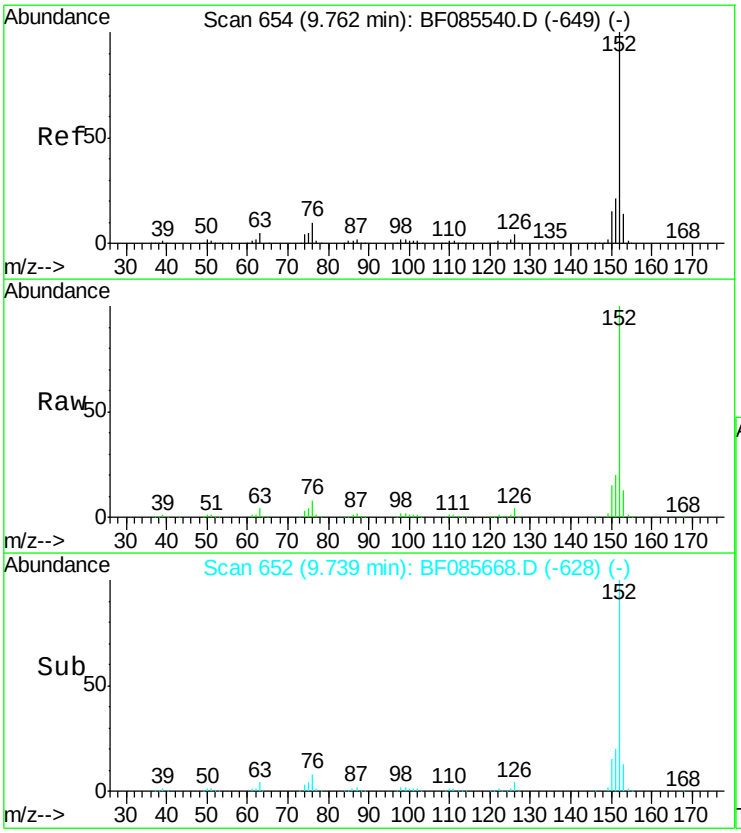

#47
2-Nitroaniline
Concen: 36.48 ng
RT: 9.42 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion: 65 Resp: 174160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 75.7 | 59.7 | 89.5 |
| 138 | 117.3 | 91.4 | 137.0 |

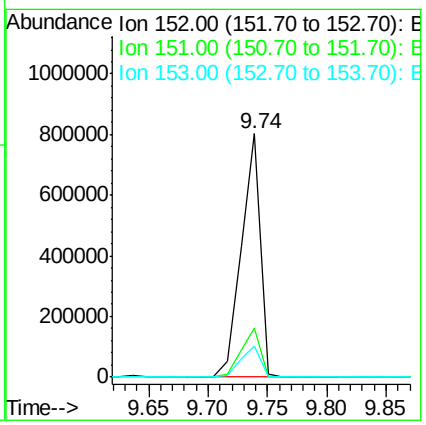


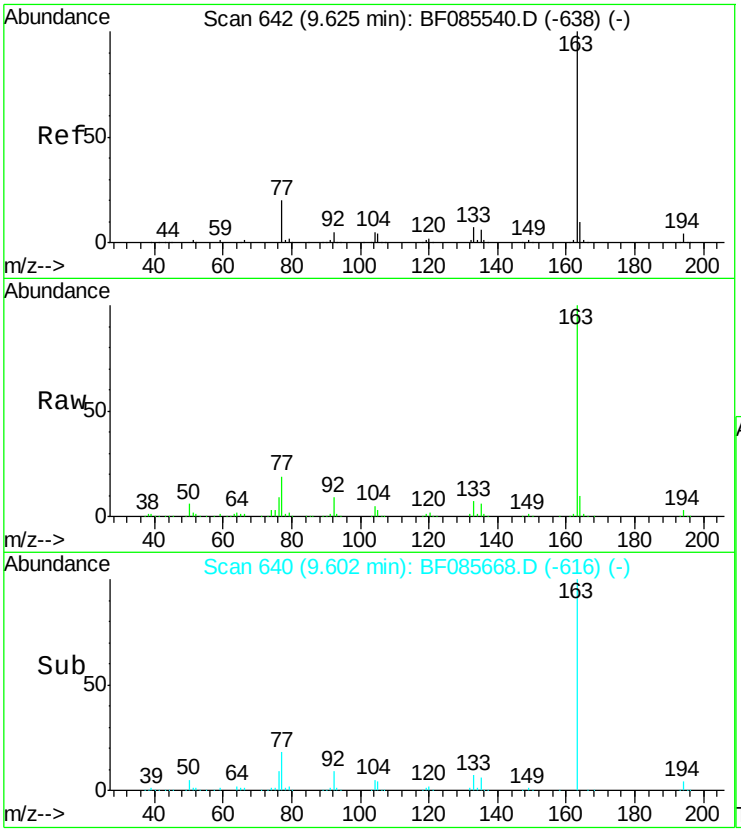




#48
Acenaphthylene
Concen: 34.97 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:152 Resp: 893136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.8 | 25.2 |
| 153 | 12.7 | 10.9 | 16.3 |



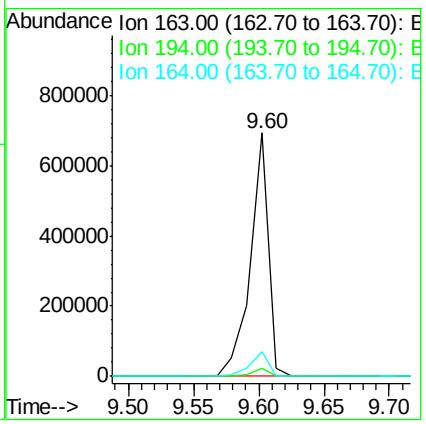


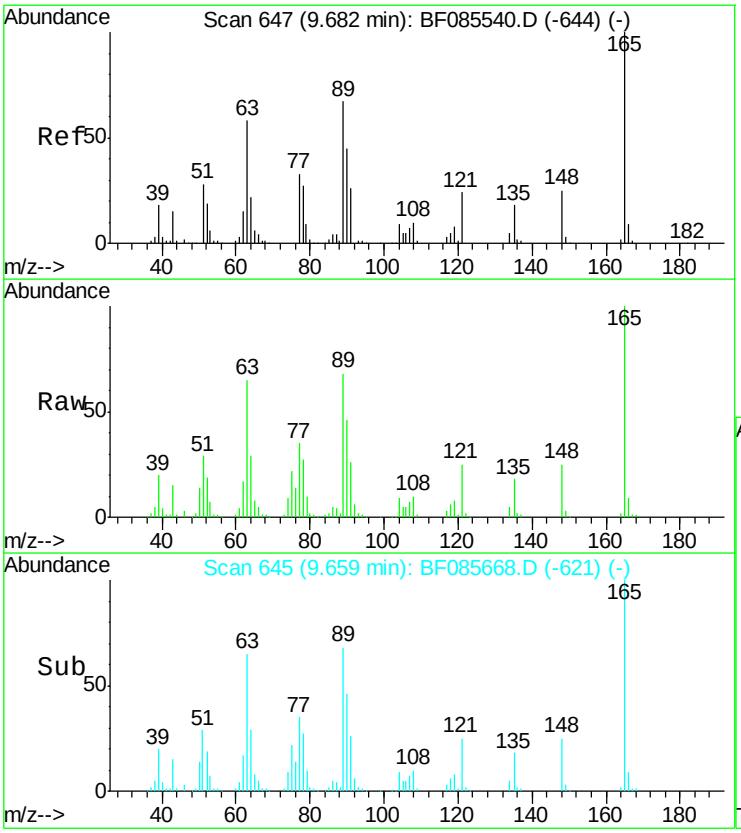

#49
Dimethylphthalate
Concen: 35.40 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:163 Resp: 668944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 2.9 | 4.3 |
| 164 | 10.0 | 8.3 | 12.5 |

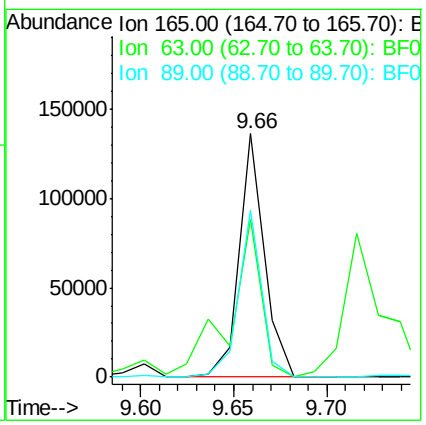


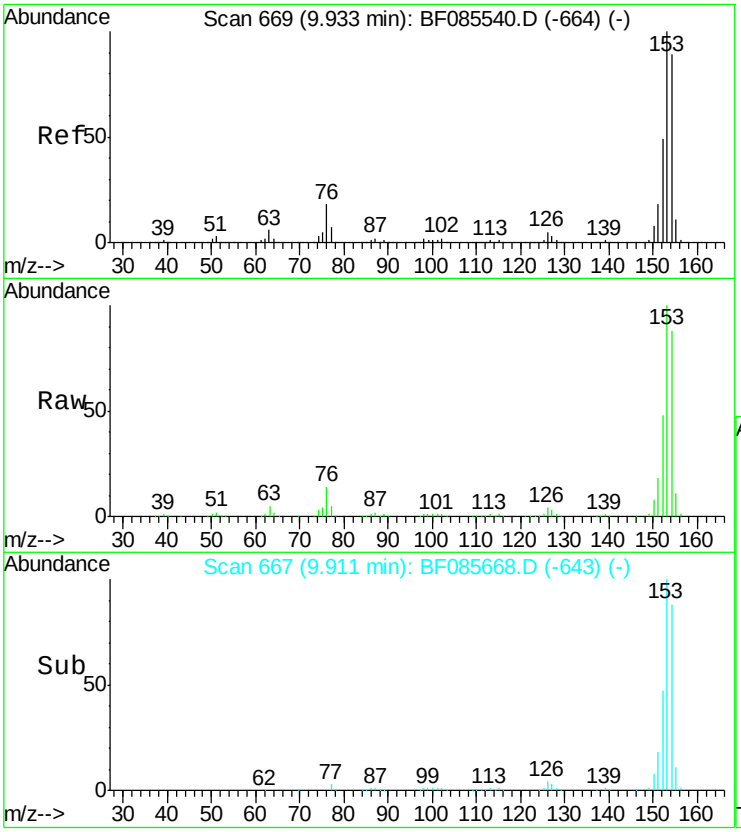




#50
2,6-Dinitrotoluene
Concen: 32.24 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:165 Resp: 128630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 64.7 | 51.8 | 77.8 |
| 89 | 68.4 | 53.7 | 80.5 |



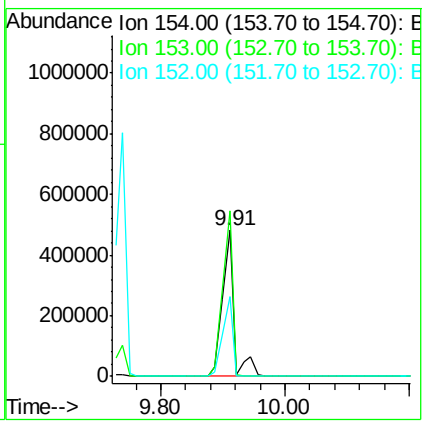


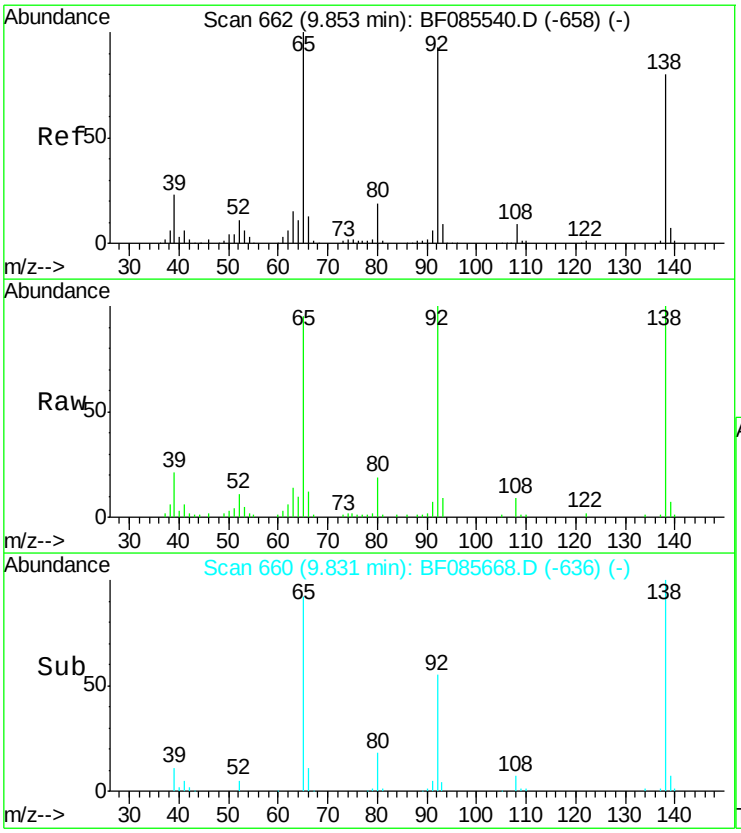

#51
Acenaphthene
Concen: 38.48 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:154 Resp: 616776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.5 | 90.1 | 135.1 |
| 152 | 54.6 | 44.2 | 66.2 |

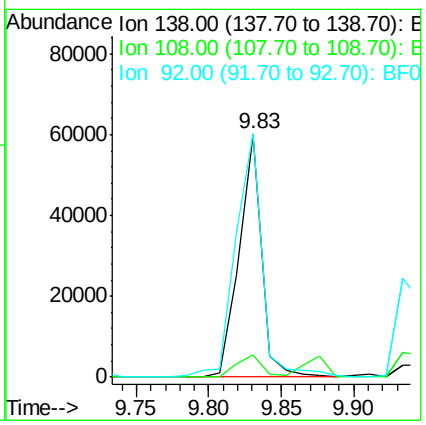


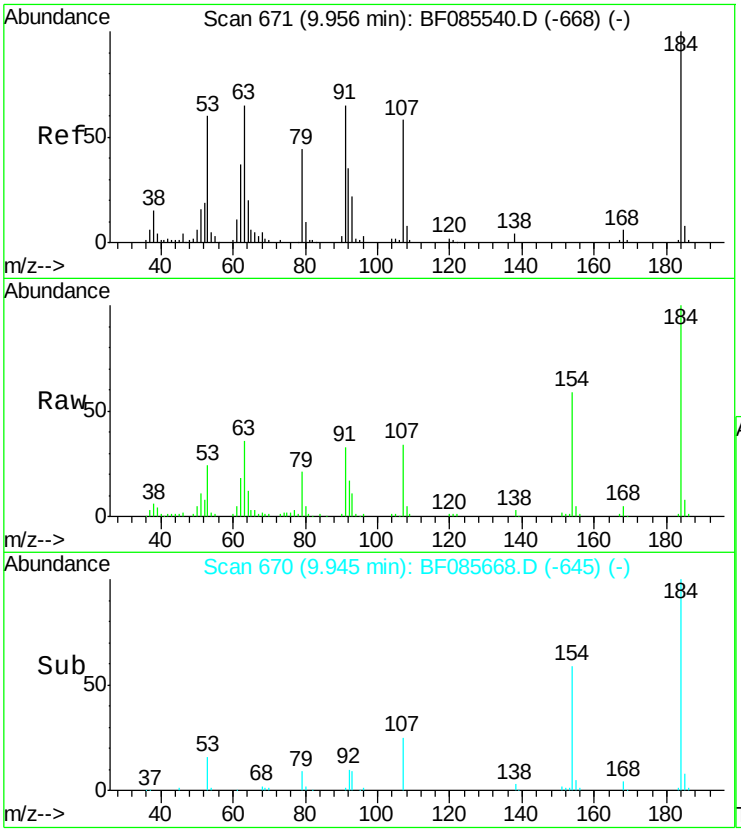




#52
3-Nitroaniline
Concen: 12.90 ng
RT: 9.83 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:138 Resp: 64440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.3 | 8.7 | 13.1 |
| 92 | 100.4 | 93.3 | 139.9 |



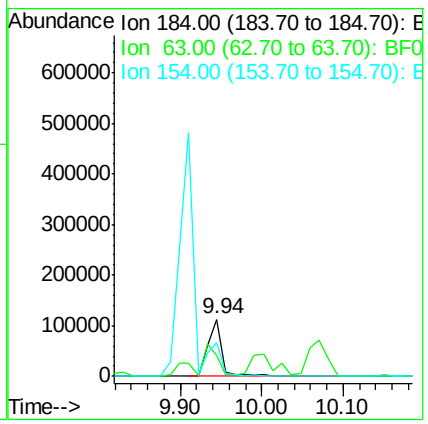


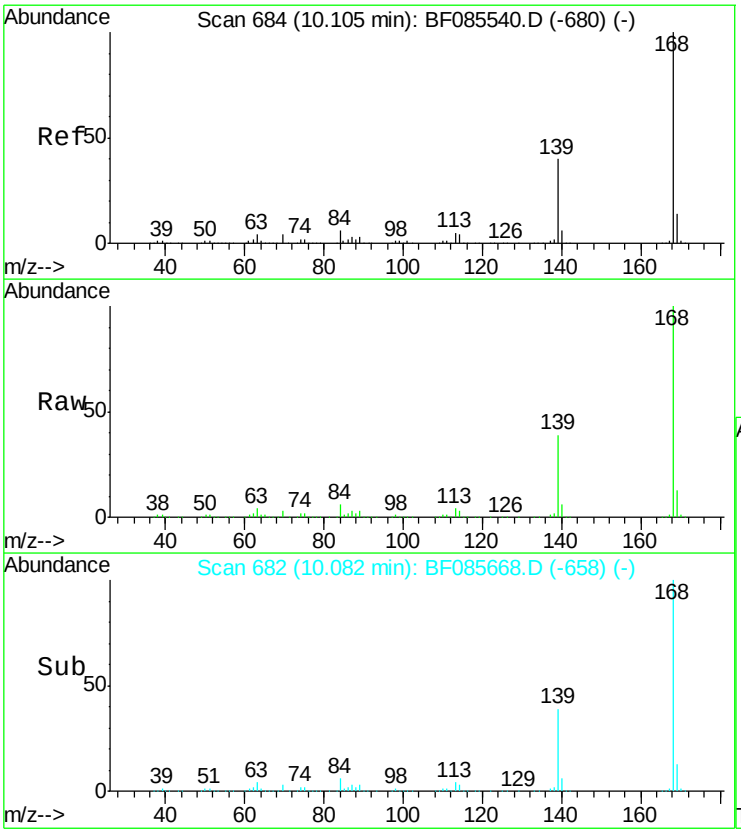

#53
2,4-Dinitrophenol
Concen: 55.17 ng
RT: 9.94 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:184 Resp: 134836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 35.9 | 69.5 | 104.3# |
| 154 | 59.3 | 58.3 | 87.5 |

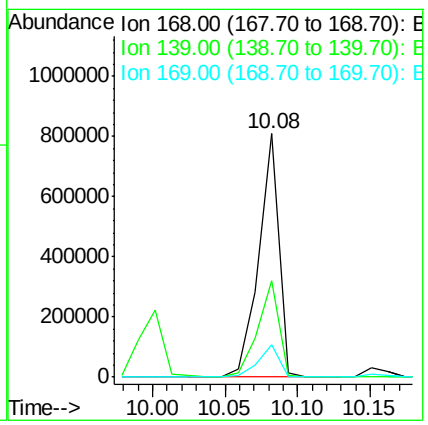


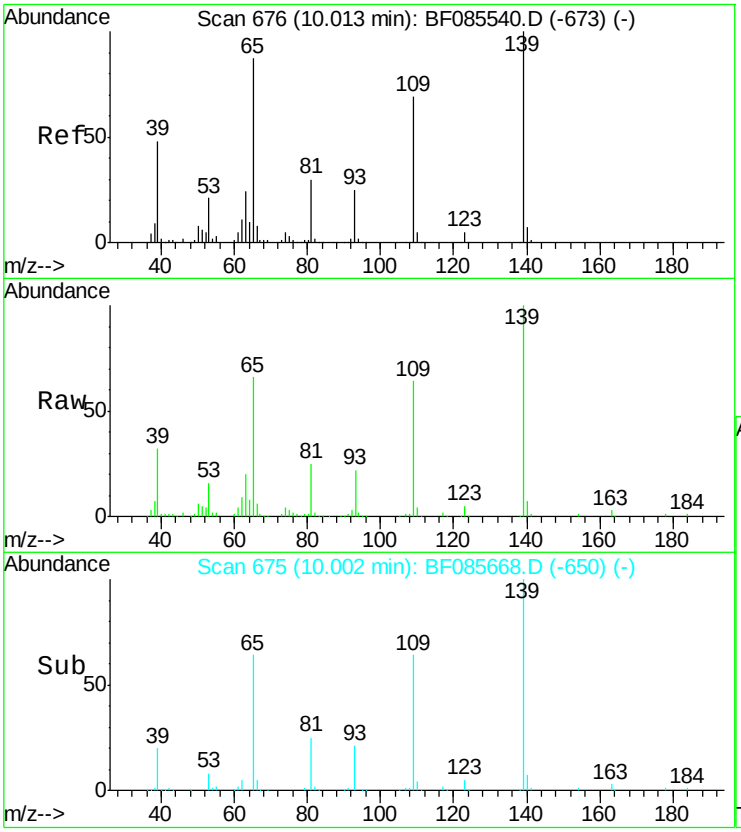




#54
Dibenzofuran
Concen: 39.87 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:168 Resp: 778140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.4 | 31.9 | 47.9 |
| 169 | 13.4 | 11.0 | 16.6 |



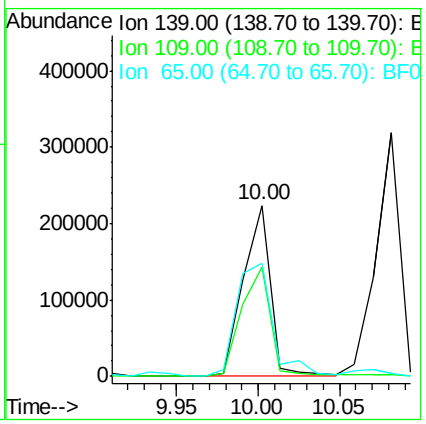


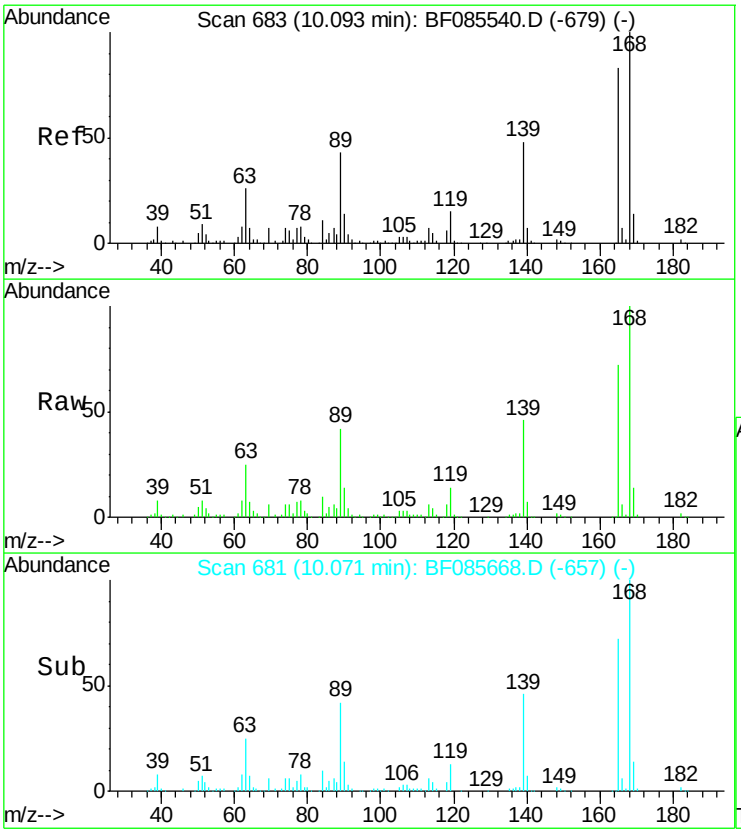

#55
4-Nitrophenol
Concen: 66.84 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:139 Resp: 258114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.9 | 49.2 | 89.2 |
| 65 | 66.2 | 66.9 | 106.9# |

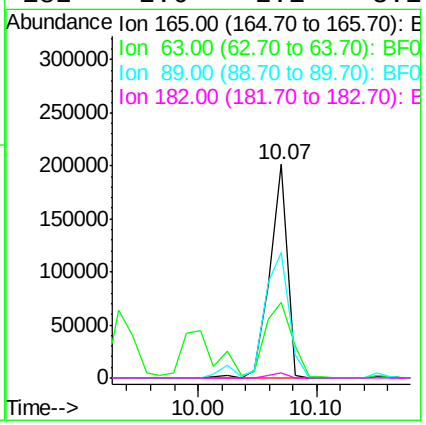


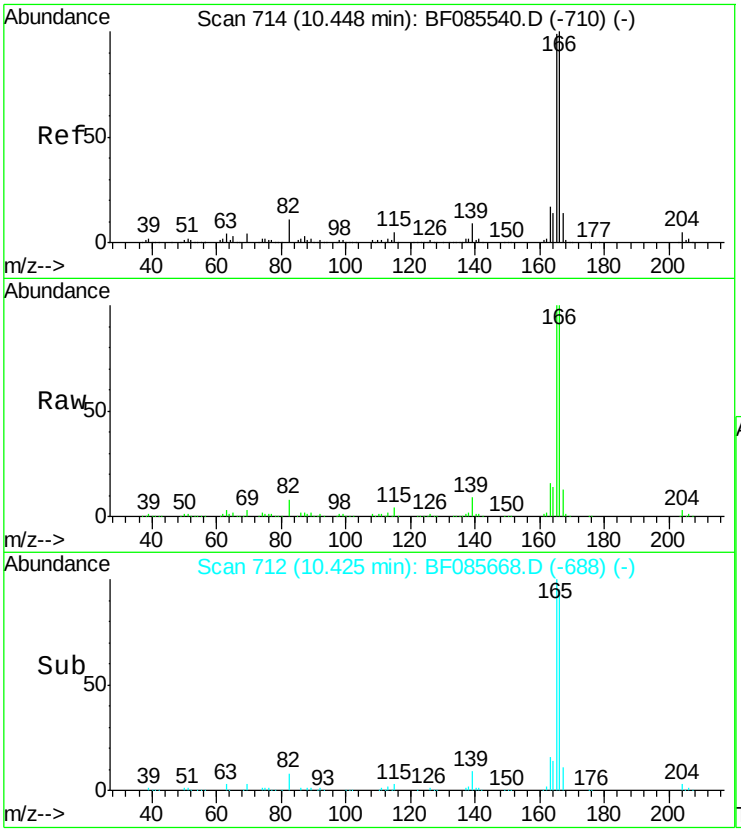




#56
2,4-Dinitrotoluene
Concen: 39.77 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:165 Resp: 207742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.3 | 24.9 | 37.3 |
| 89 | 58.5 | 41.0 | 61.6 |
| 182 | 2.6 | 2.1 | 3.1 |



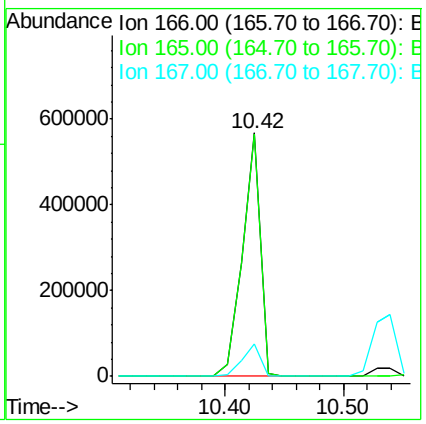


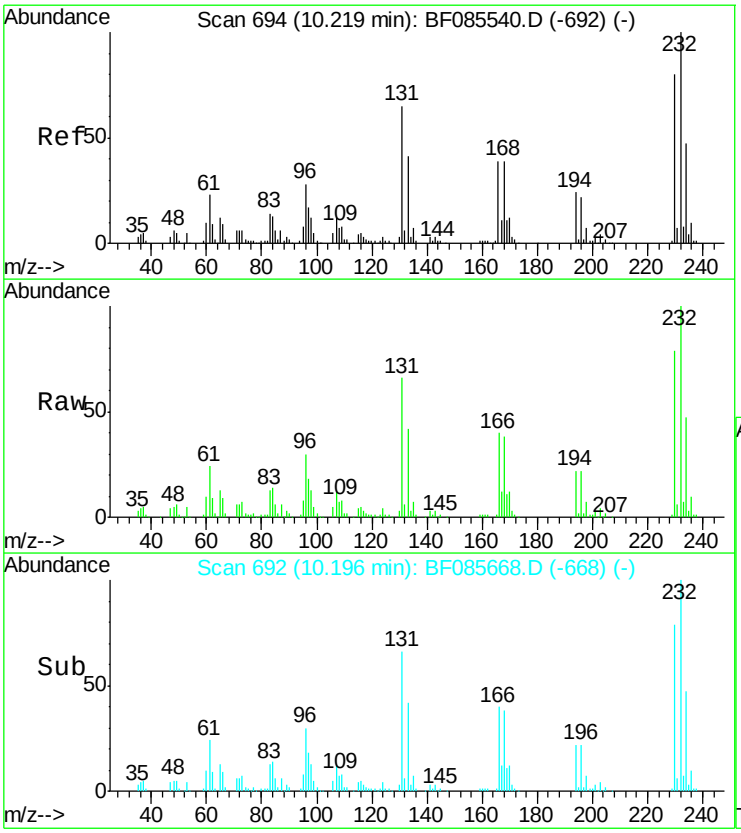

#57
Fluorene
Concen: 36.61 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:166 Resp: 595487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.8 | 79.4 | 119.0 |
| 167 | 13.2 | 11.0 | 16.4 |

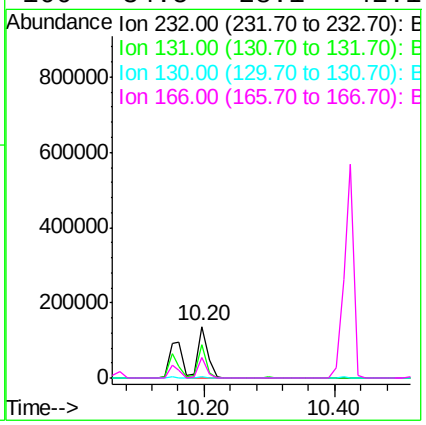


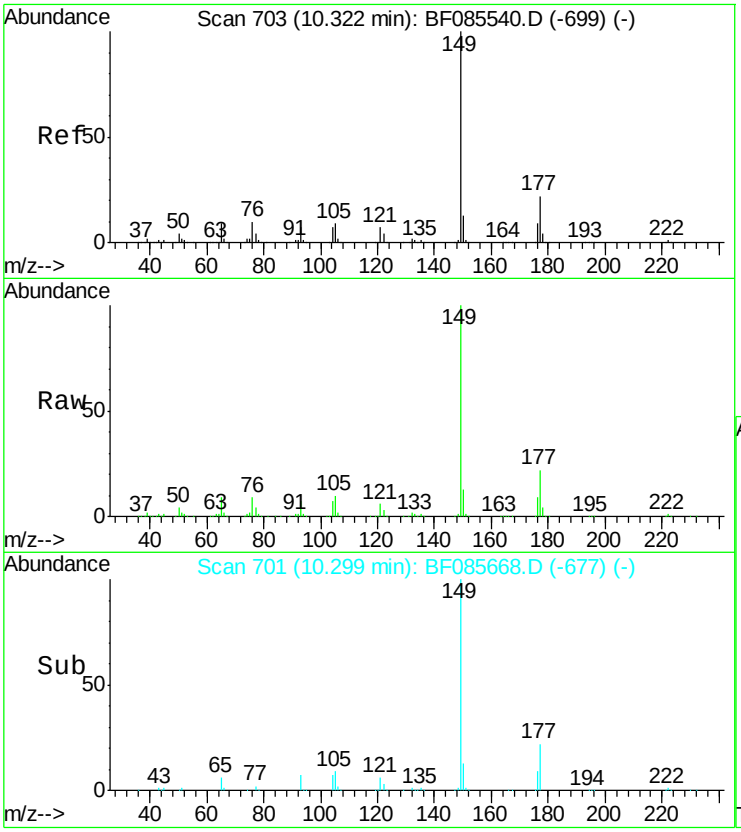




#58
2,3,4,6-Tetrachlorophenol
Concen: 36.82 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:232 Resp: 140302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 56.7 | 44.9 | 67.3 |
| 130 | 2.8 | 2.3 | 3.5 |
| 166 | 34.5 | 28.1 | 42.1 |



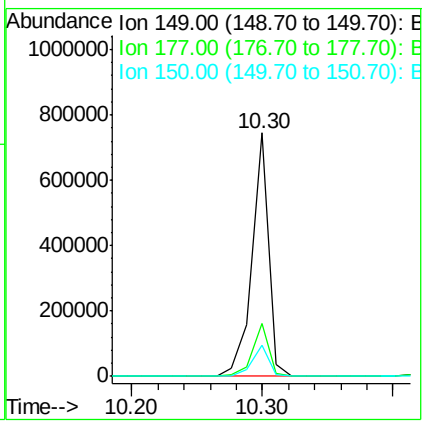


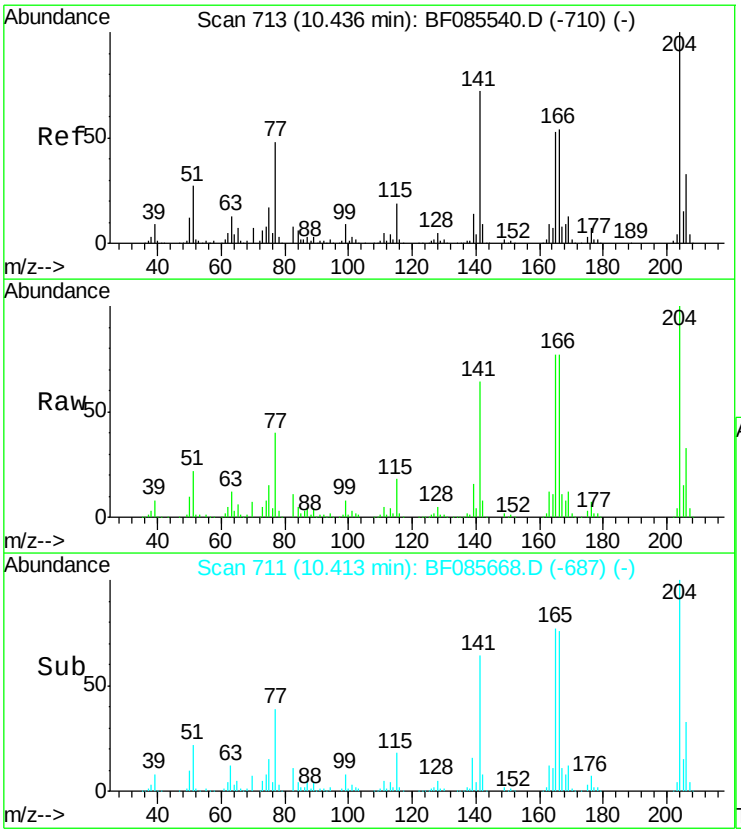

#59
Diethylphthalate
Concen: 35.26 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:149 Resp: 662586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.7 | 17.9 | 26.9 |
| 150 | 12.7 | 10.2 | 15.2 |

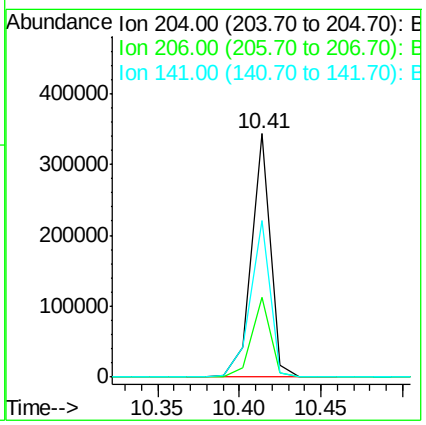


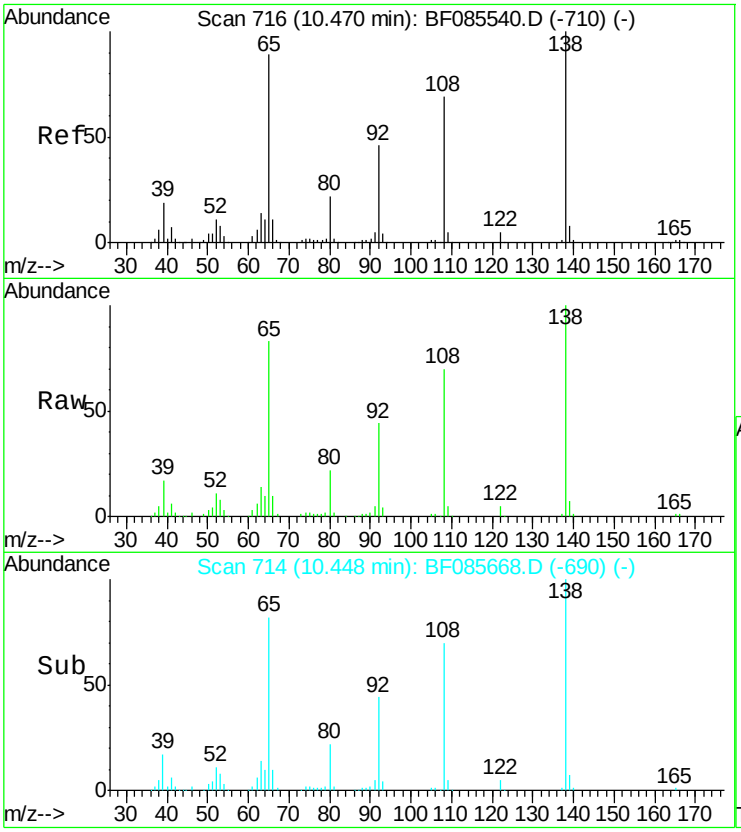




#60
4-Chlorophenyl-phenylether
Concen: 34.96 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:204 Resp: 277649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 26.6 | 39.8 |
| 141 | 64.4 | 57.4 | 86.0 |



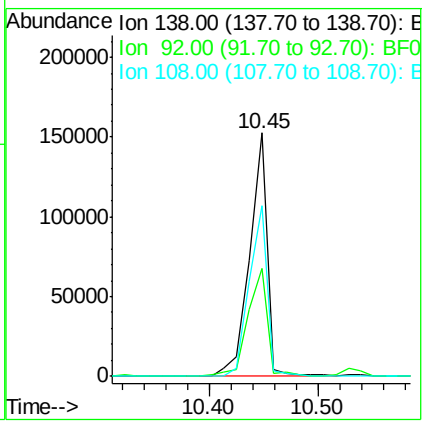


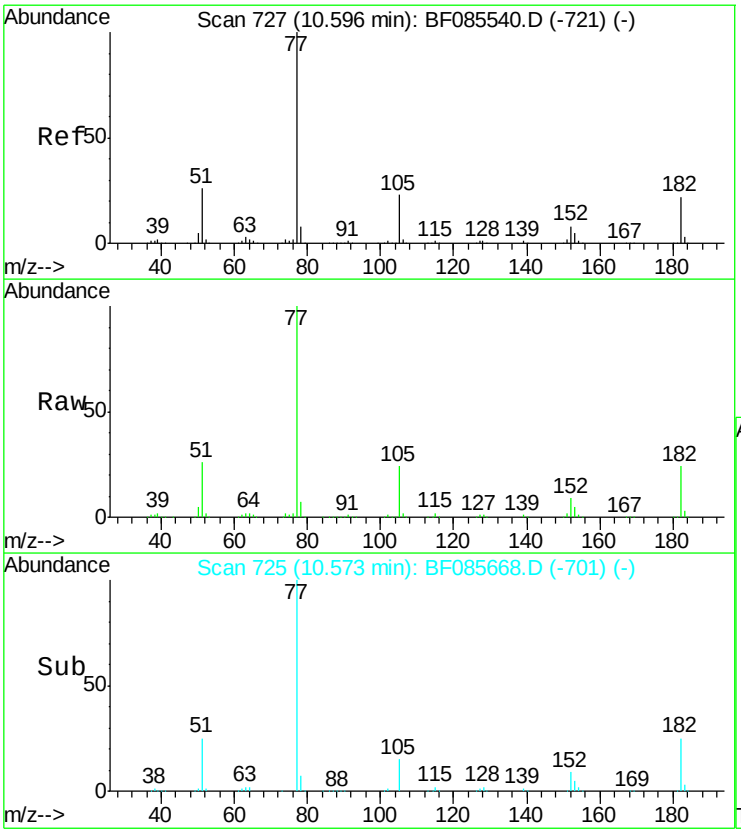

#61
4-Nitroaniline
Concen: 35.09 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:138 Resp: 172852

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 44.3 | 26.4 | 66.4 |
| 108 | 69.9 | 49.0 | 89.0 |

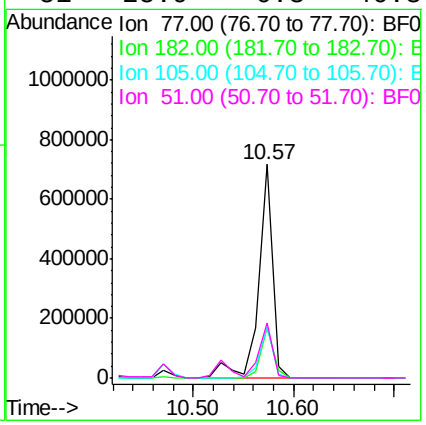


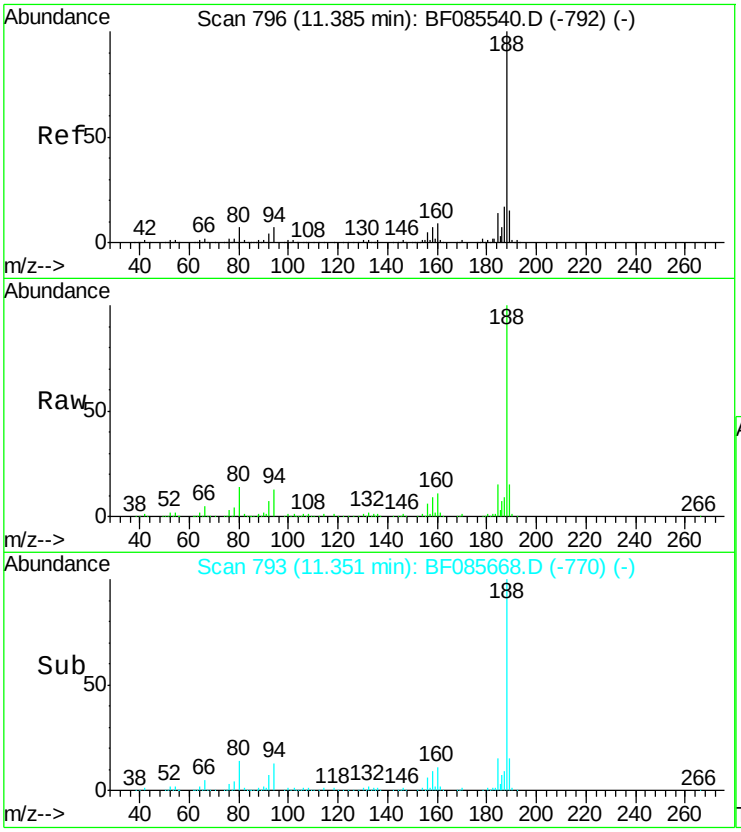




#62
Azobenzene
Concen: 38.80 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion: 77 Resp: 699510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 23.6 | 1.9 | 41.9 |
| 105 | 24.3 | 3.5 | 43.5 |
| 51 | 25.9 | 6.3 | 46.3 |



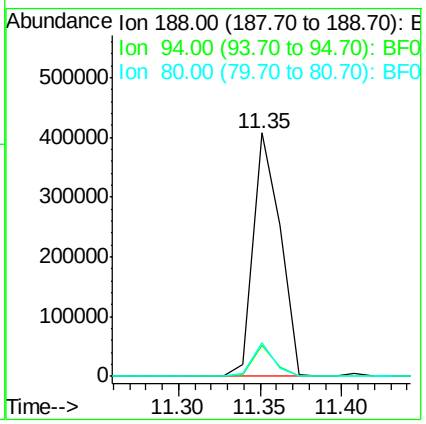


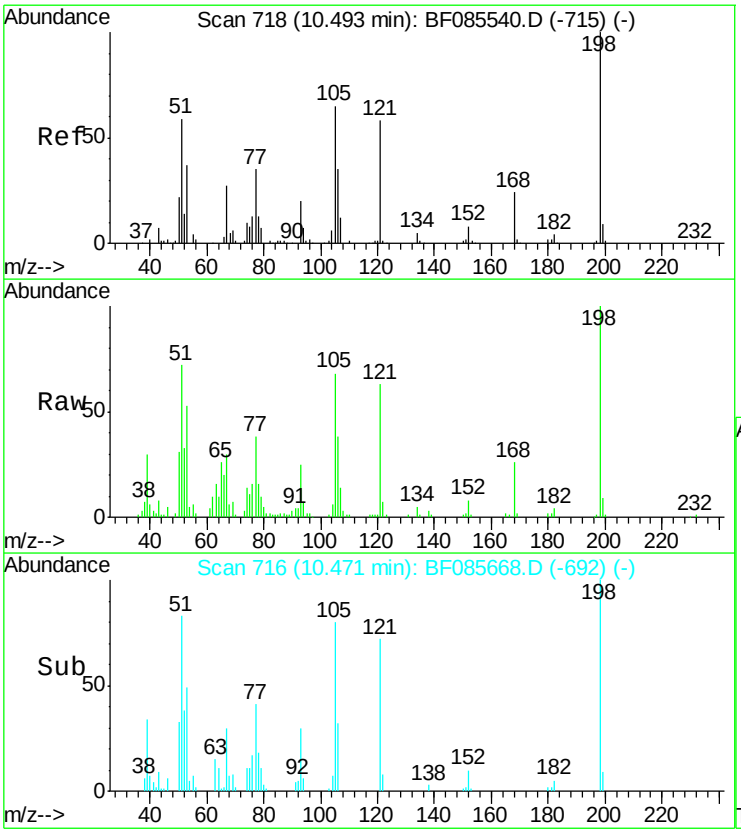

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:188 Resp: 471537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.6 | 5.4 | 8.0# |
| 80 | 13.8 | 5.5 | 8.3# |

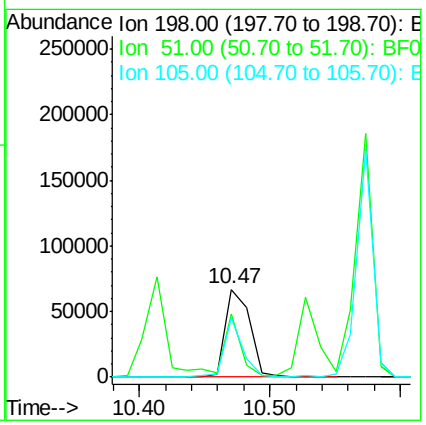


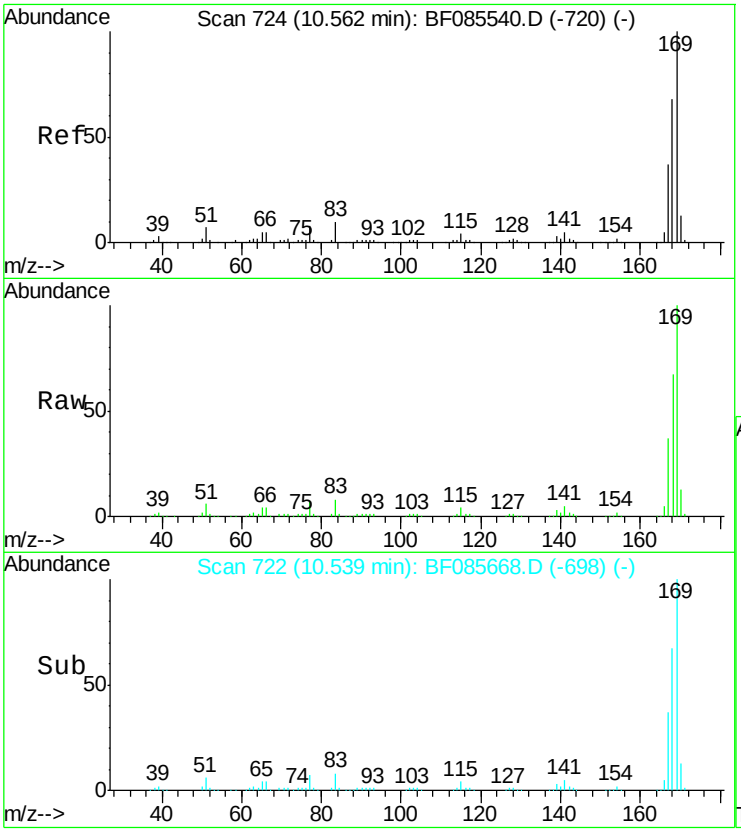




#64
4,6-Dinitro-2-methylphenol
Concen: 28.76 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:198 Resp: 86792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 71.6 | 45.4 | 85.4 |
| 105 | 68.1 | 45.9 | 85.9 |



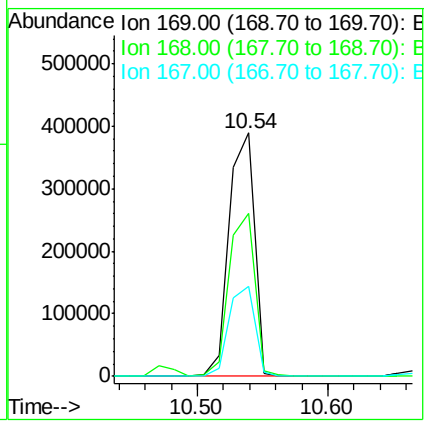


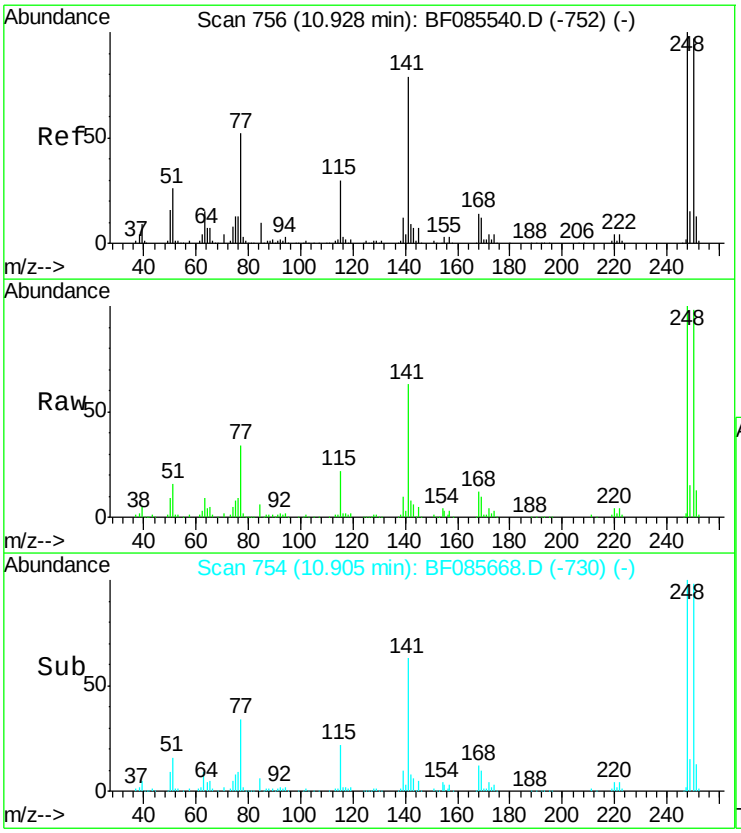

#65
n-Nitrosodiphenylamine
Concen: 35.79 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:169 Resp: 525651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.0 | 54.4 | 81.6 |
| 167 | 36.8 | 29.4 | 44.0 |

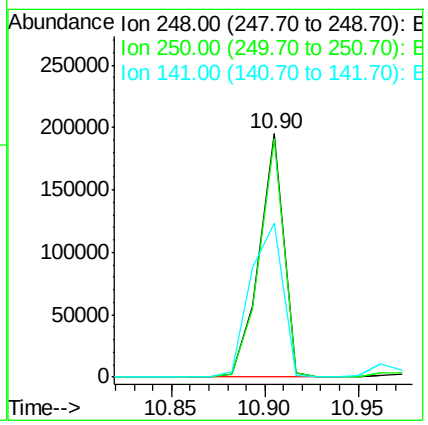


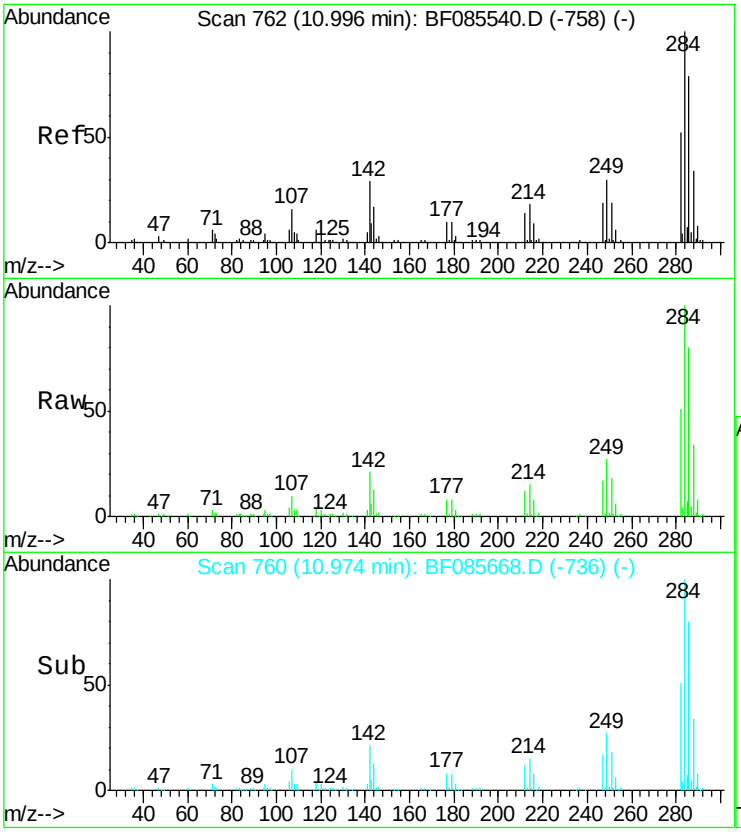




#66
4-Bromophenyl-phenylether
Concen: 37.58 ng
RT: 10.90 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:248 Resp: 177044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.1 | 77.4 | 116.0 |
| 141 | 63.1 | 63.6 | 95.4# |



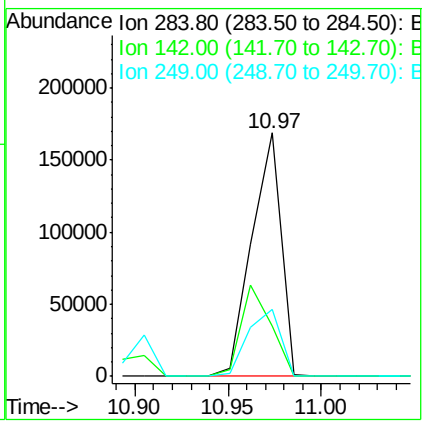


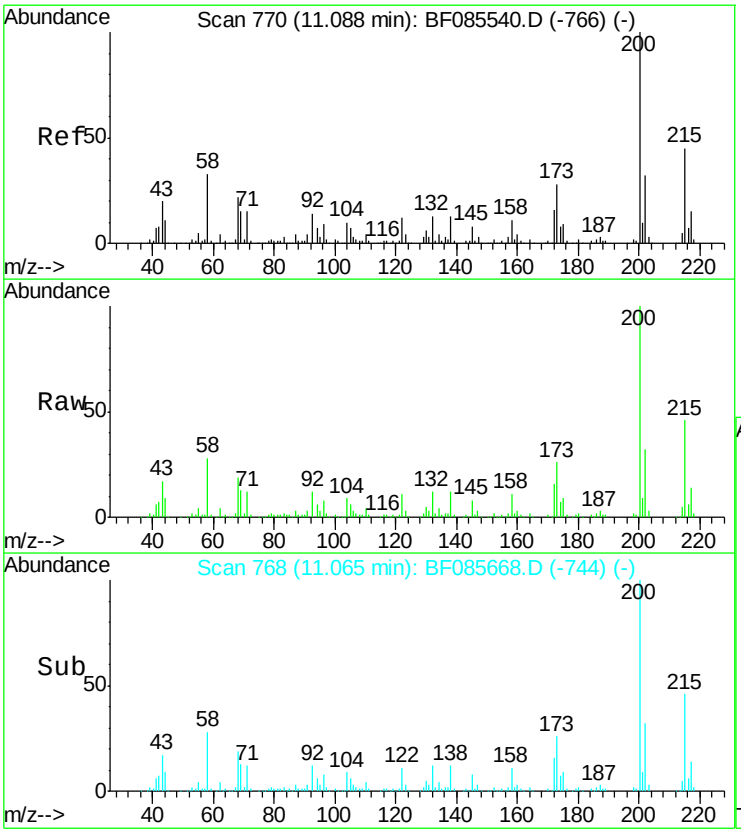

#67
Hexachlorobenzene
Concen: 36.64 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:284 Resp: 183359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 20.8 | 23.1 | 34.7# |
| 249 | 27.4 | 24.2 | 36.2 |

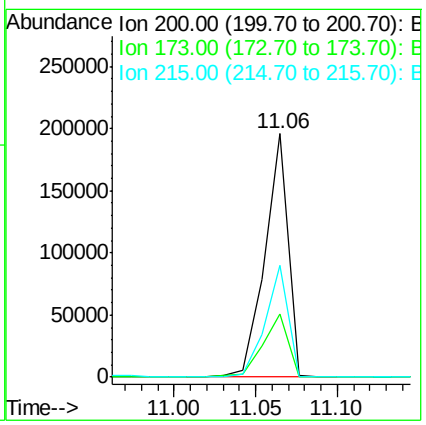


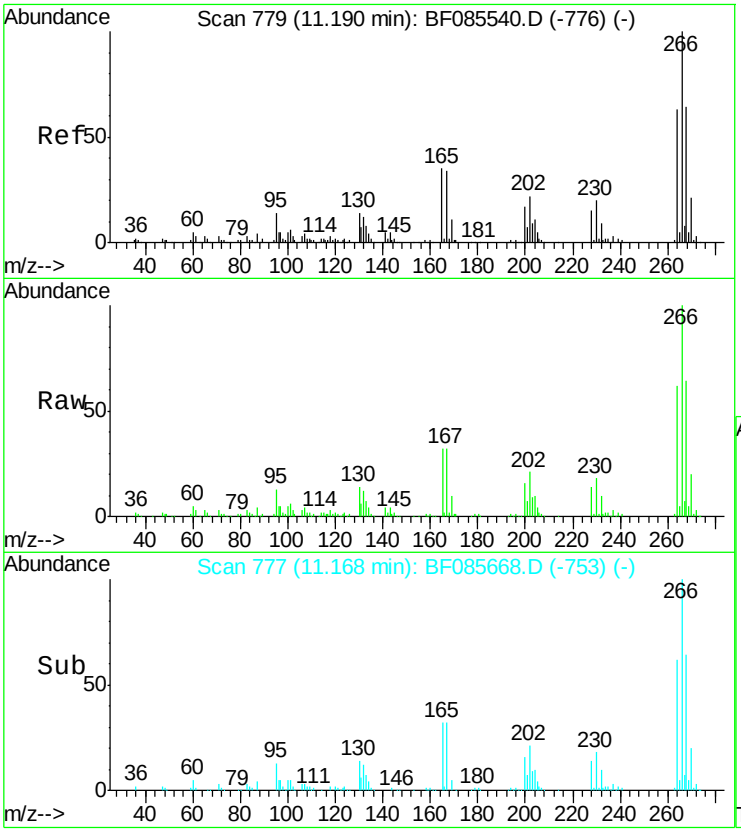




#68
Atrazine
Concen: 43.33 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:200 Resp: 193766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.1 | 7.7 | 47.7 |
| 215 | 46.1 | 25.4 | 65.4 |



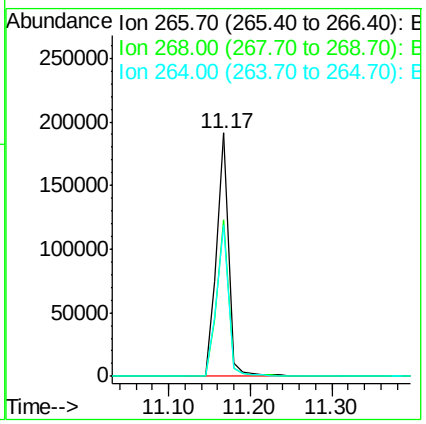


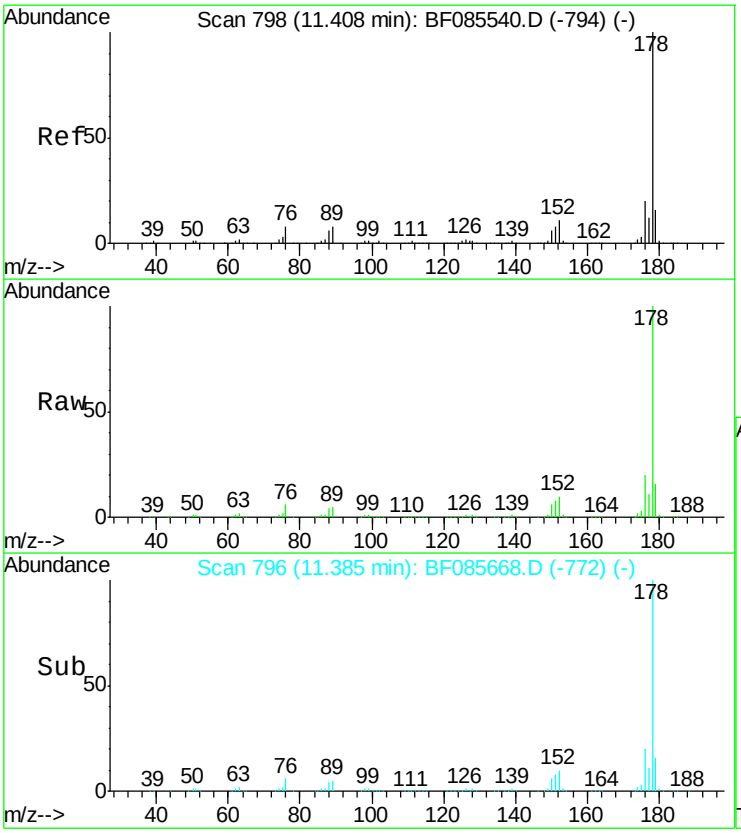

#69
Pentachlorophenol
Concen: 65.10 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:266 Resp: 197806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.1 | 51.5 | 77.3 |
| 264 | 62.1 | 50.6 | 76.0 |

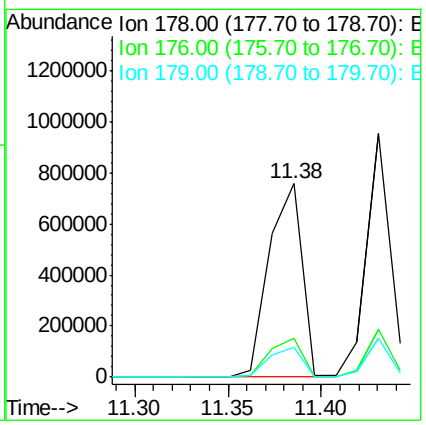


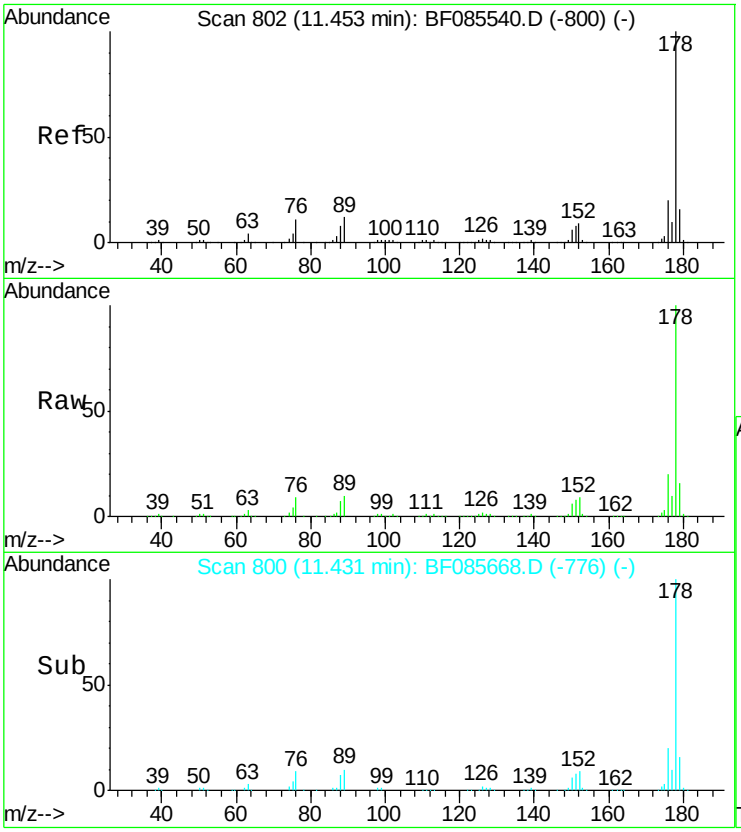




#70
Phenanthrene
Concen: 37.59 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:178 Resp: 934560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 16.3 | 24.5 |
| 179 | 15.6 | 12.6 | 18.8 |



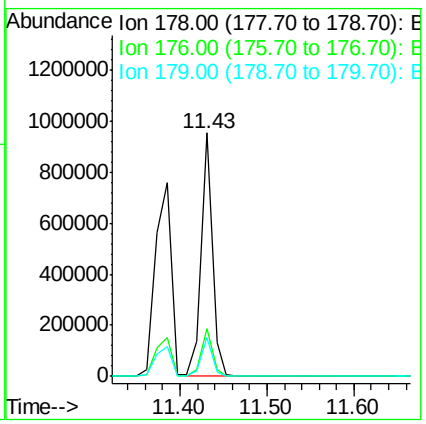


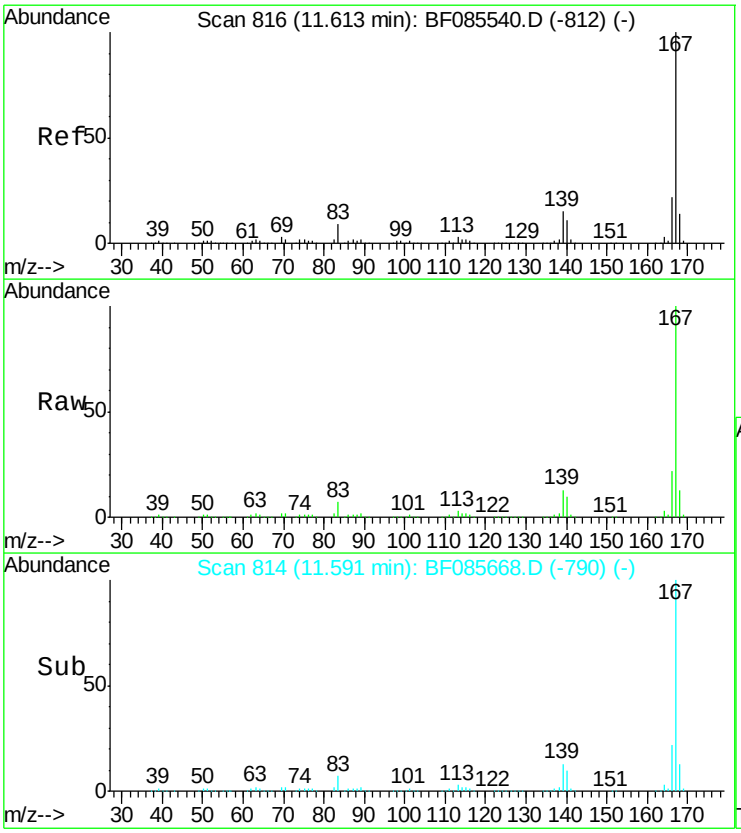

#71
Anthracene
Concen: 32.56 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:178 Resp: 848823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.9 | 23.9 |
| 179 | 16.0 | 13.0 | 19.4 |

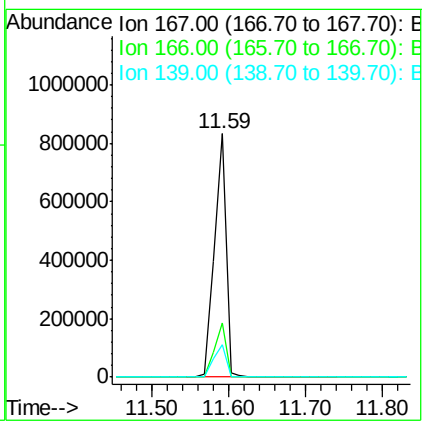


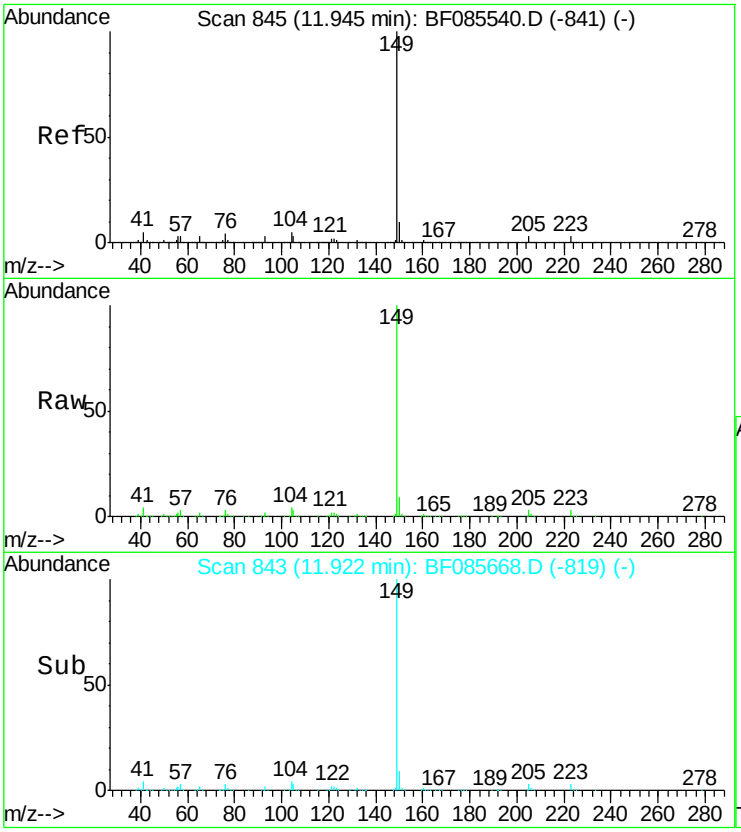




#72
Carbazole
Concen: 38.72 ng
RT: 11.59 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:167 Resp: 870921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.1 | 17.8 | 26.8 |
| 139 | 13.4 | 11.6 | 17.4 |



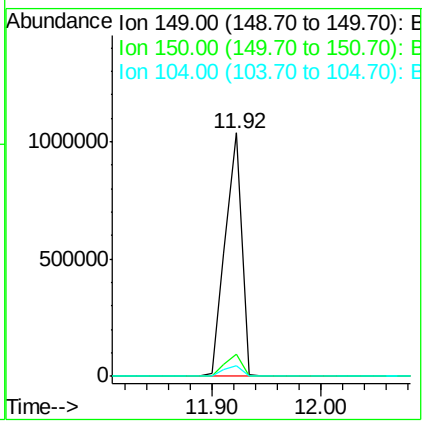


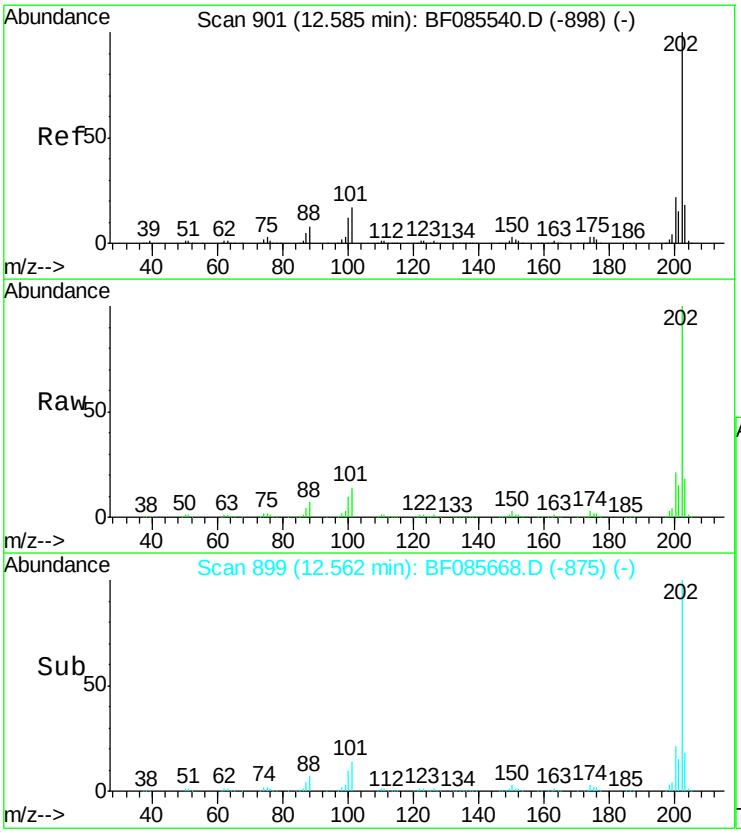

#73
Di-n-butylphthalate
Concen: 38.65 ng
RT: 11.92 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:149 Resp: 1088433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.6 | 11.4 |
| 104 | 4.3 | 3.8 | 5.8 |

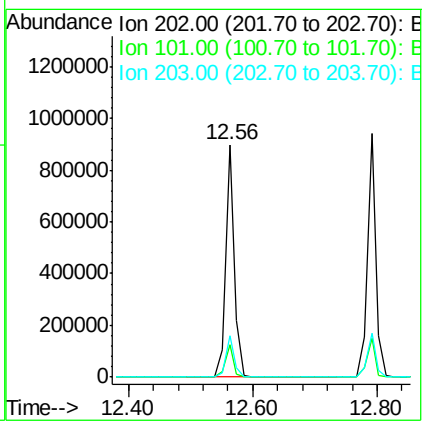


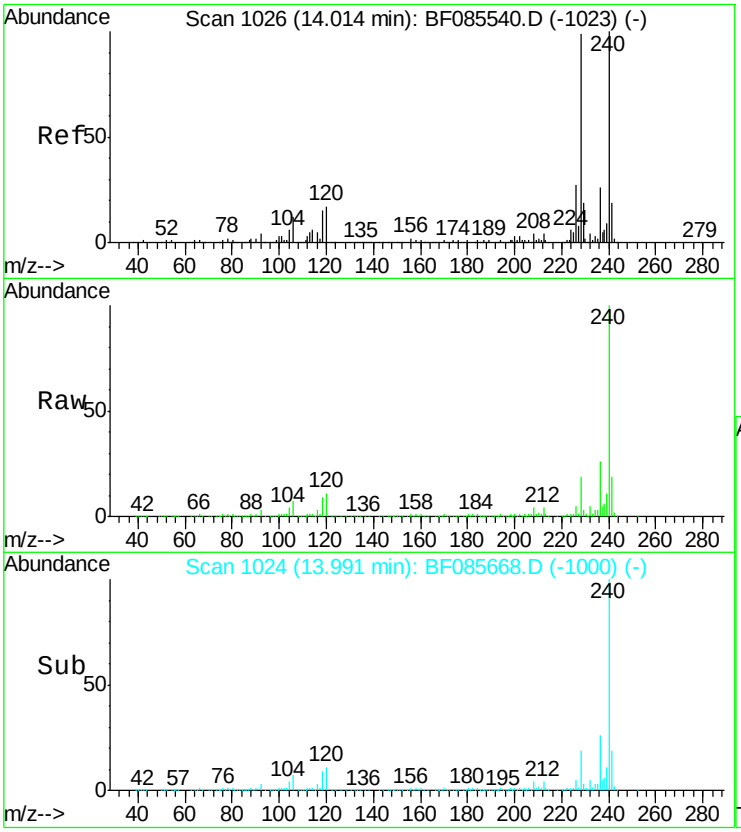




#74
Fluoranthene
Concen: 32.70 ng
RT: 12.56 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:202 Resp: 851216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.1 | 0.0 | 36.6 |
| 203 | 17.9 | 0.0 | 38.1 |



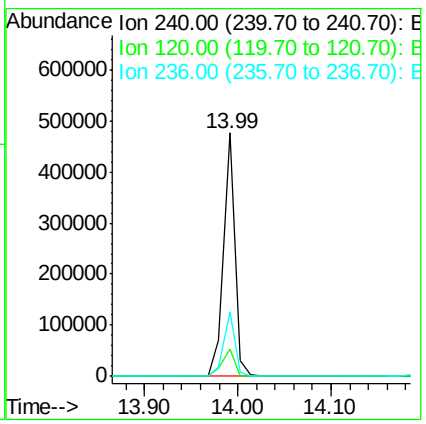


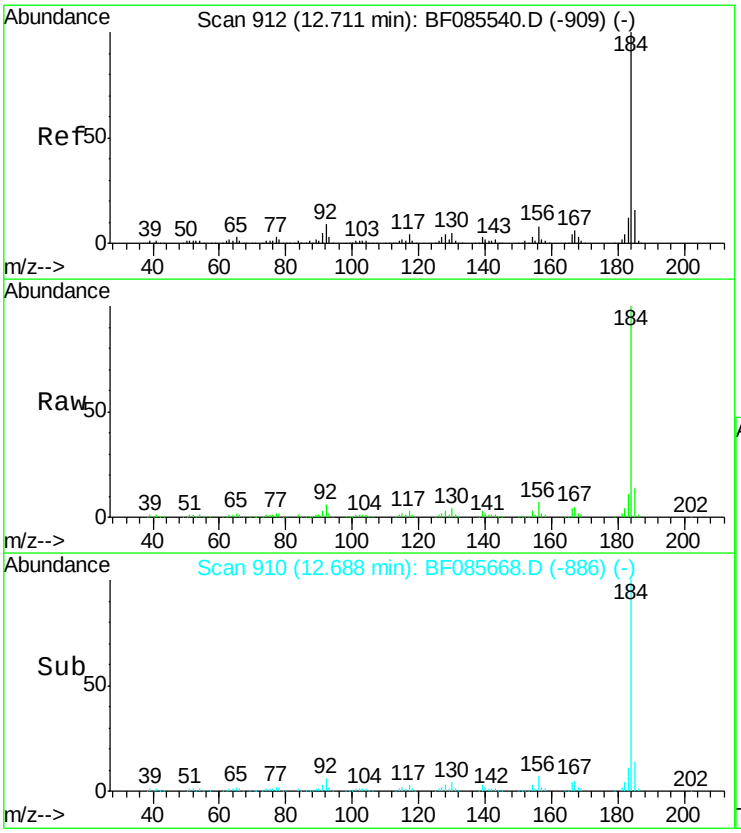

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:240 Resp: 402337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.0 | 13.8 | 20.8# |
| 236 | 26.3 | 20.6 | 30.8 |

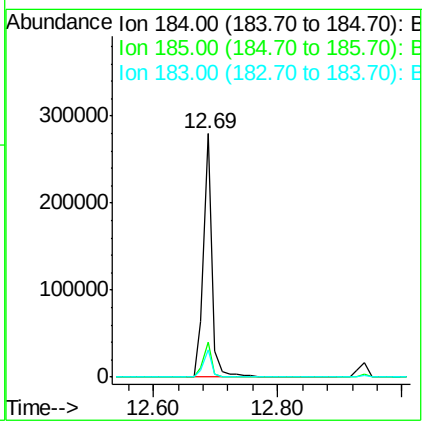


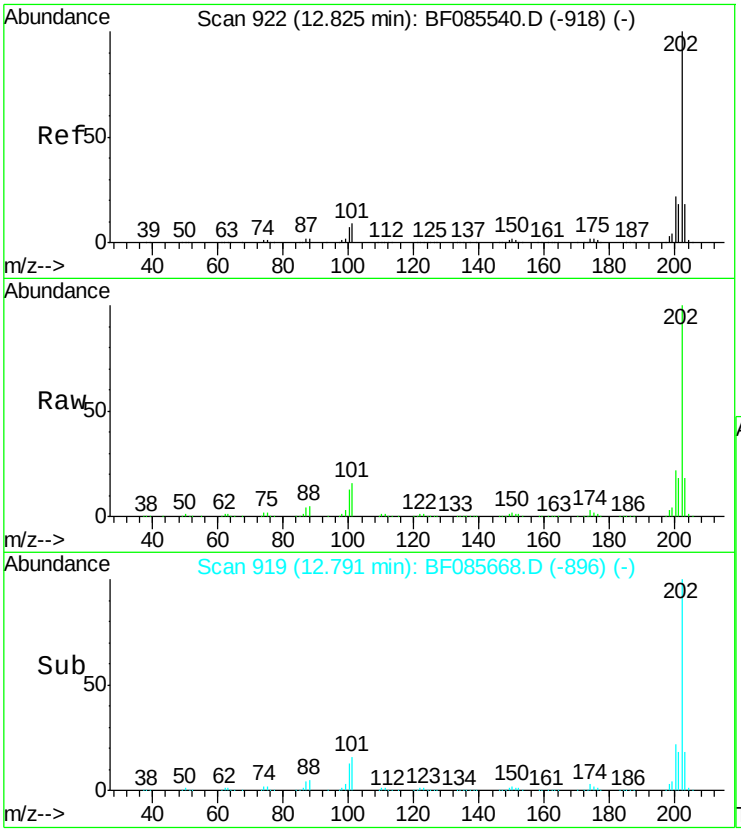




#76
Benzidine
Concen: 20.20 ng
RT: 12.69 min Scan# 910
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:184 Resp: 273321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 12.4 | 18.6 |
| 183 | 11.0 | 9.4 | 14.2 |



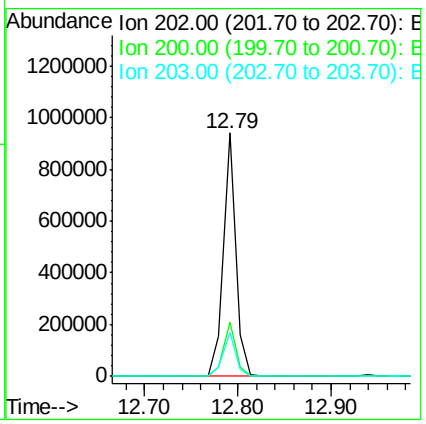


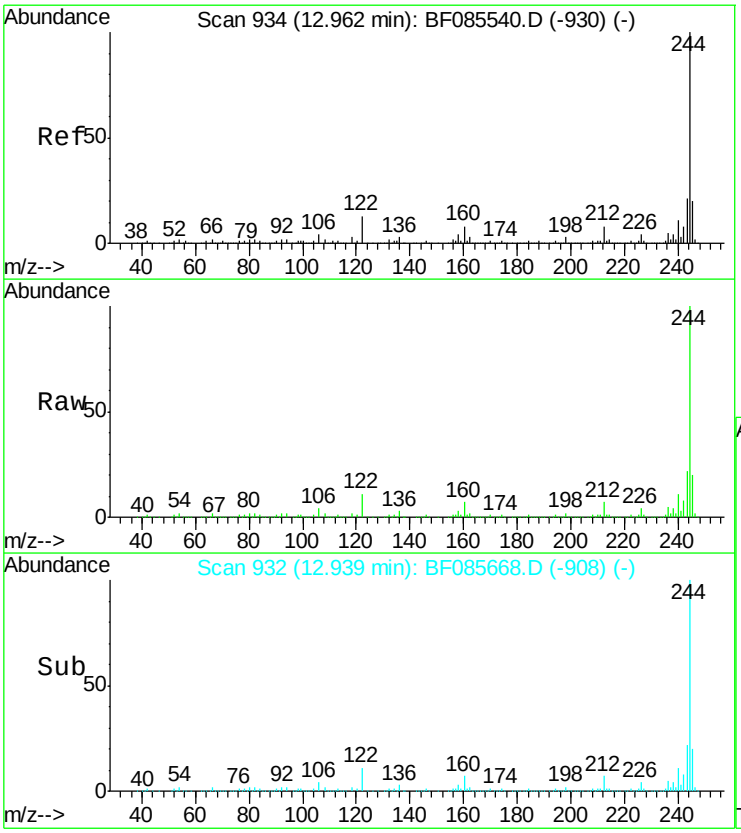

#77
Pyrene
Concen: 30.21 ng
RT: 12.79 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:202 Resp: 872809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.3 | 17.6 | 26.4 |
| 203 | 18.0 | 14.0 | 21.0 |

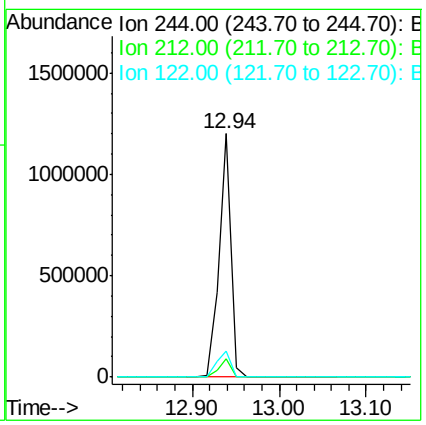


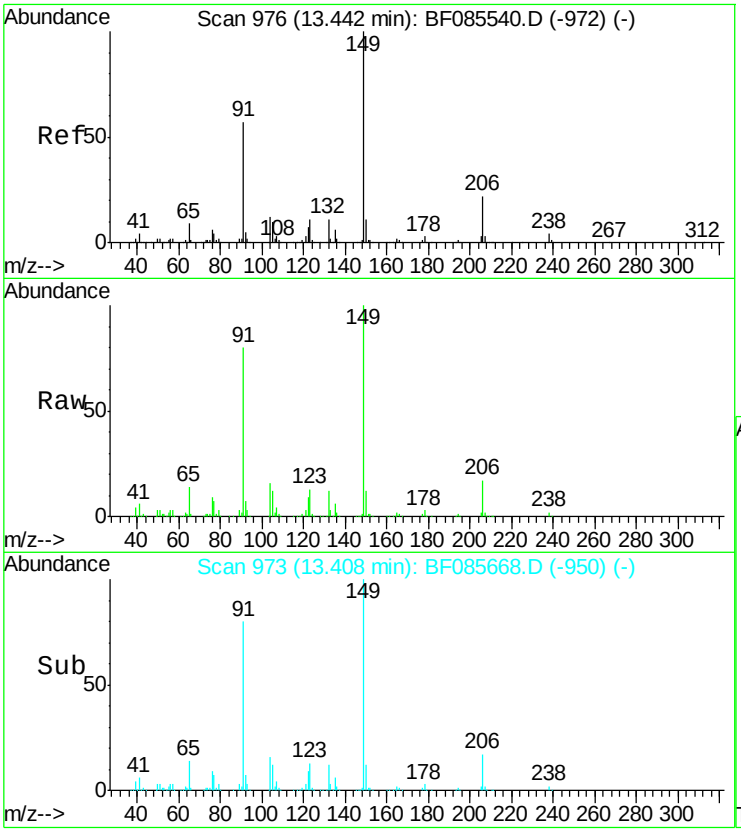




#78
Terphenyl-d14
Concen: 69.18 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:244 Resp: 1156594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.1 | 9.1 |
| 122 | 10.8 | 10.2 | 15.4 |



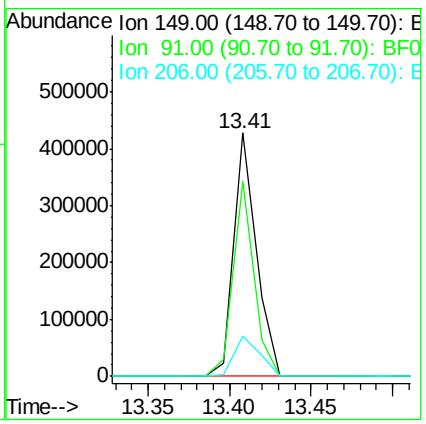


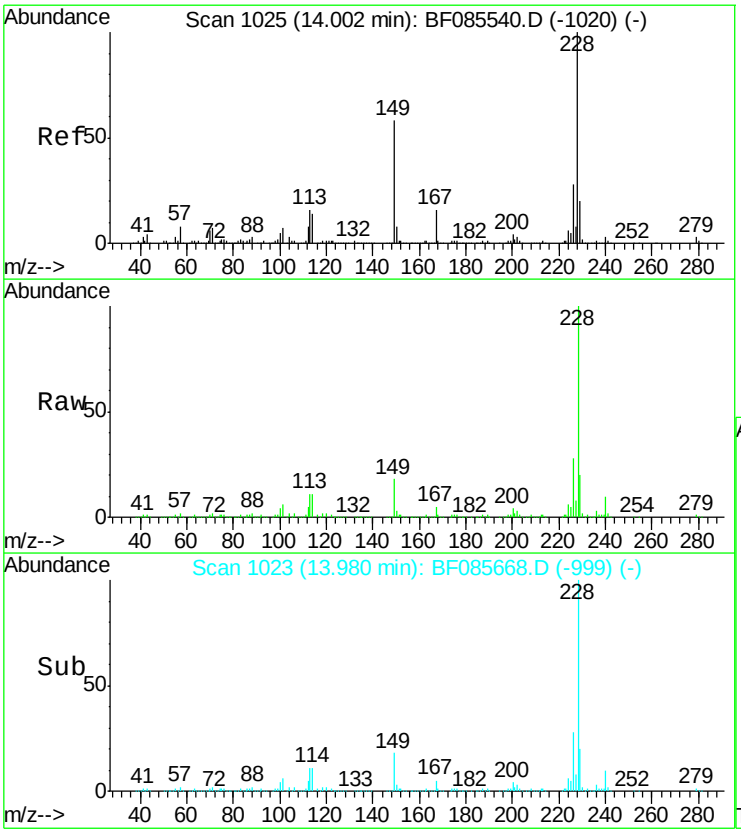

#79
Butylbenzylphthalate
Concen: 29.56 ng
RT: 13.41 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:149 Resp: 407046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 80.3 | 45.8 | 68.8# |
| 206 | 16.6 | 17.8 | 26.8# |

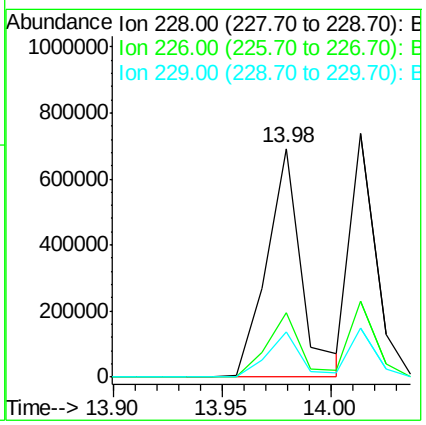


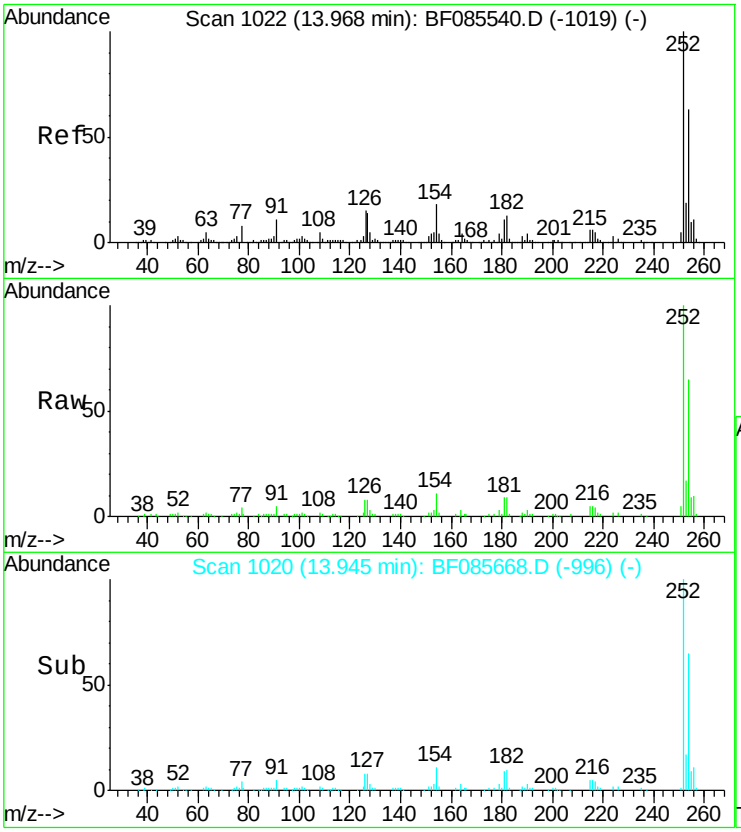




#80
Benzo(a)anthracene
Concen: 33.05 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:228 Resp: 771886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.9 | 22.1 | 33.1 |
| 229 | 20.0 | 16.2 | 24.4 |



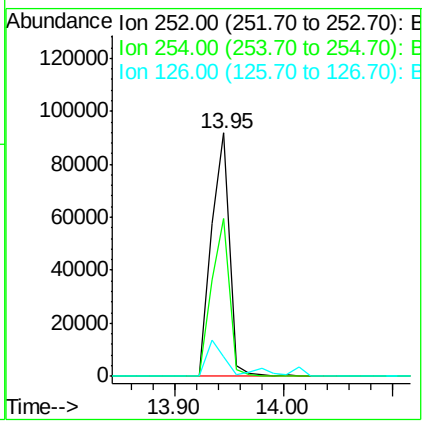


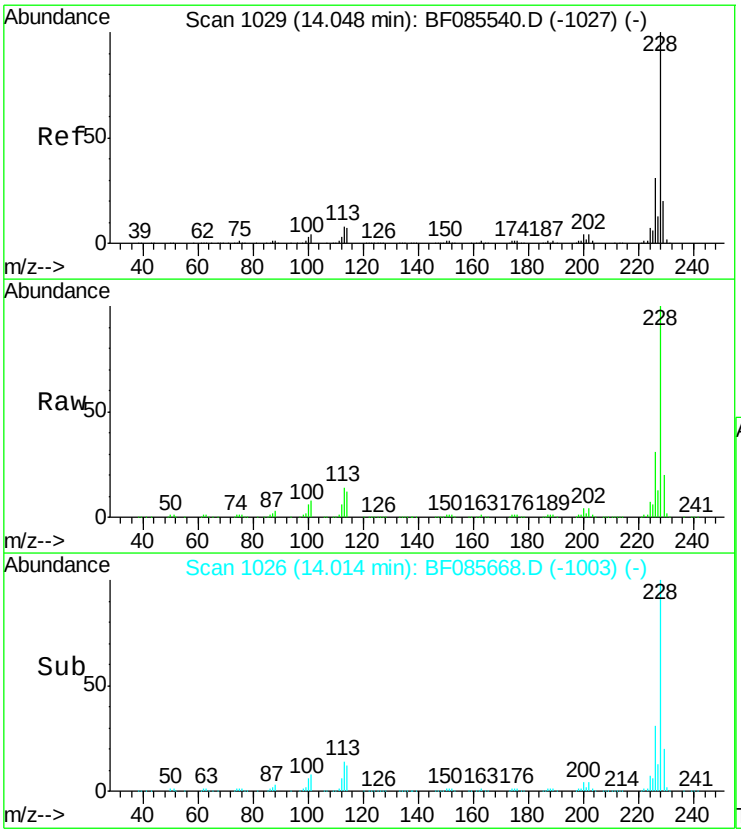

#81
3,3'-Dichlorobenzidine
Concen: 12.51 ng
RT: 13.95 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:252 Resp: 107075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.7 | 50.7 | 76.1 |
| 126 | 7.9 | 11.8 | 17.6# |

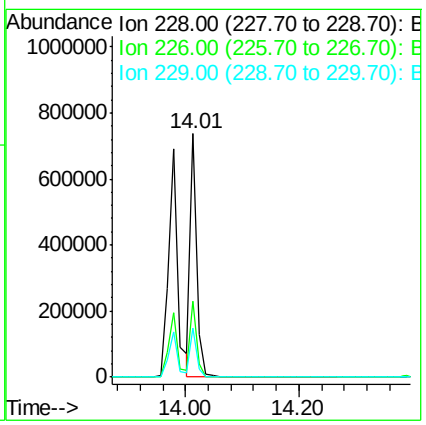


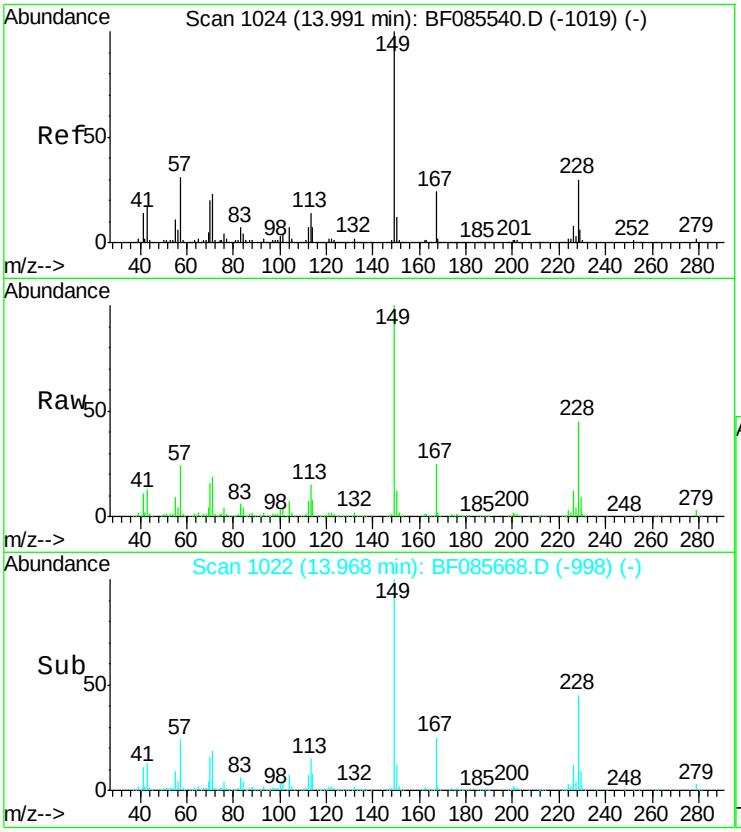




#82
Chrysene
Concen: 27.26 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:228 Resp: 612480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.3 | 25.0 | 37.6 |
| 229 | 19.9 | 15.7 | 23.5 |



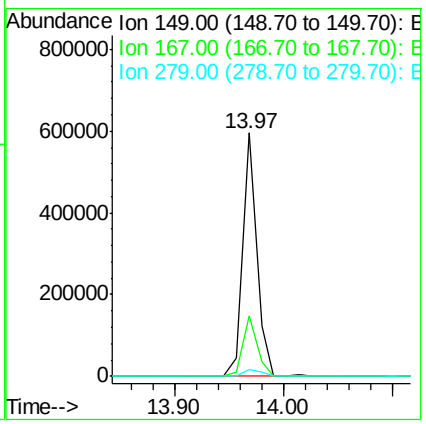


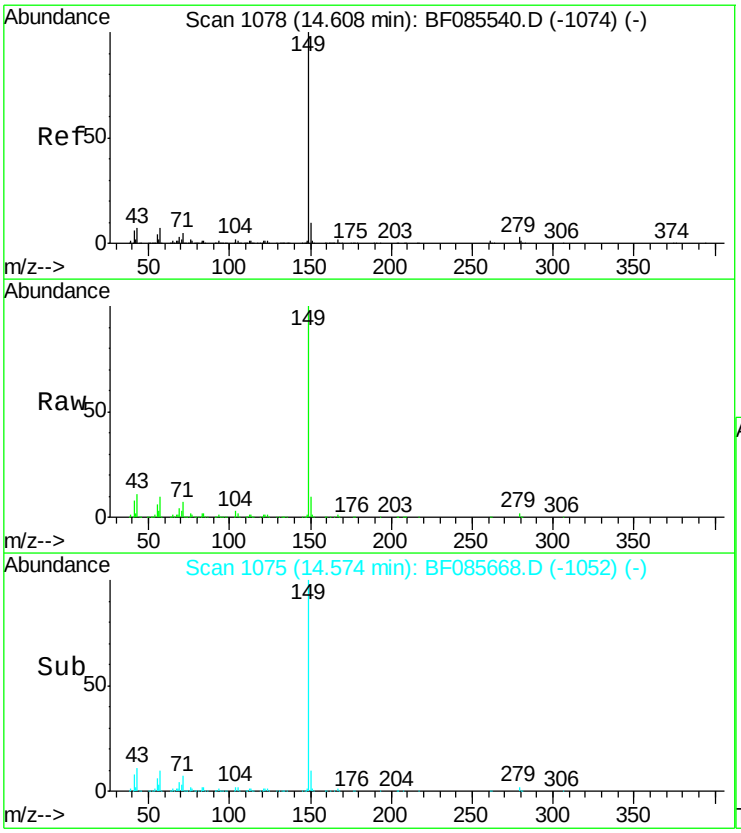

#83
Bis(2-ethylhexyl)phthalate
Concen: 31.02 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:149 Resp: 530746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.1 | 19.4 | 29.2 |
| 279 | 2.6 | 1.5 | 2.3# |

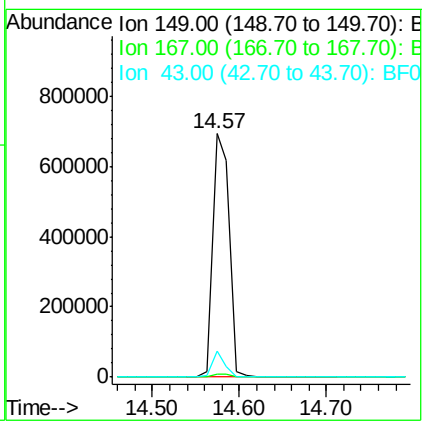


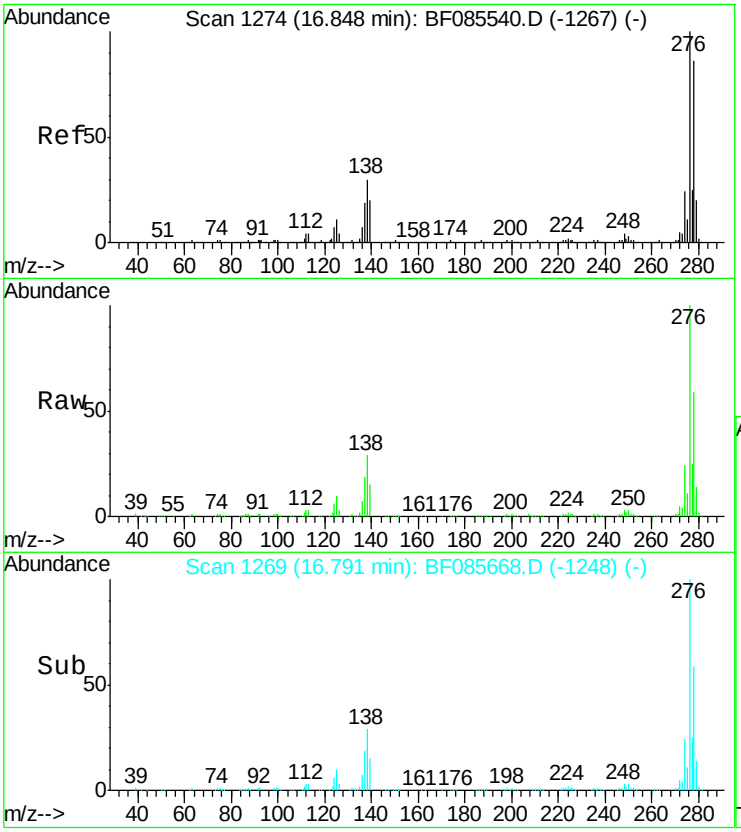




#84
Di-n-octyl phthalate
Concen: 33.28 ng
RT: 14.57 min Scan# 1075
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:149 Resp: 927918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 8.1 | 7.1 | 10.7 |



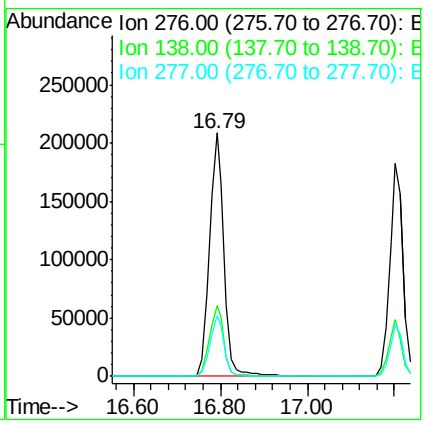


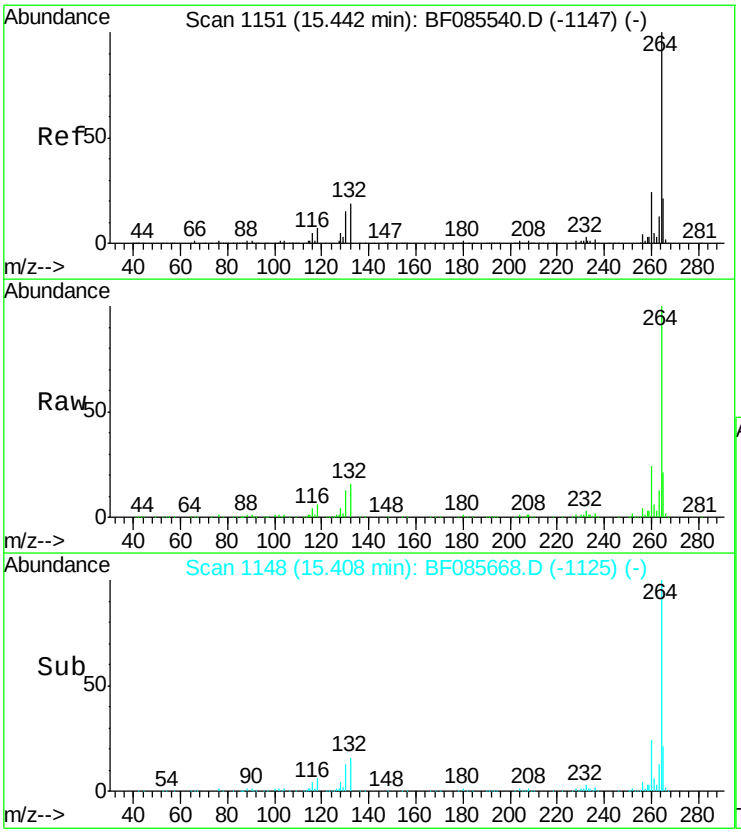

#85
Indeno(1,2,3-cd)pyrene
Concen: 26.30 ng
RT: 16.79 min Scan# 1269
Delta R.T. -0.06 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:276 Resp: 493822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.3 | 24.2 | 36.4 |
| 277 | 24.8 | 20.0 | 30.0 |

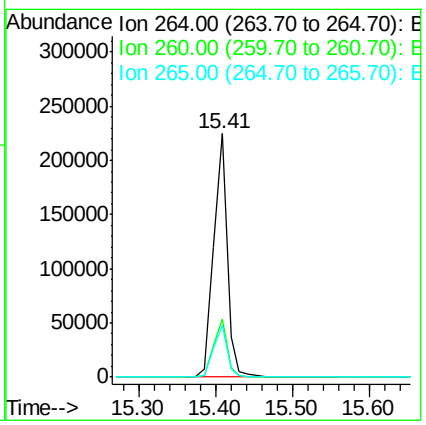


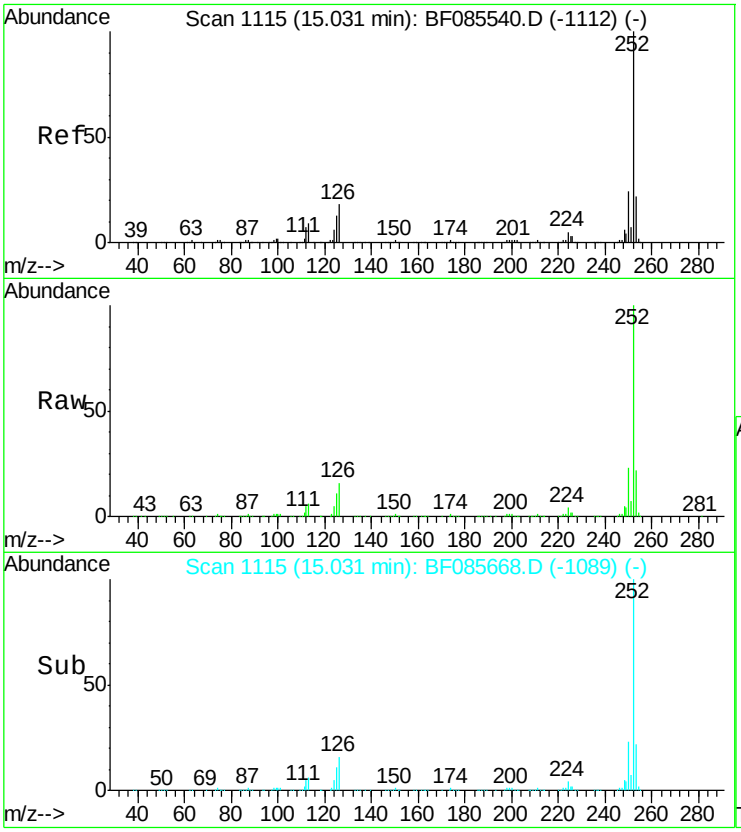




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:264 Resp: 275551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.4 | 29.2 |
| 265 | 21.2 | 17.2 | 25.8 |



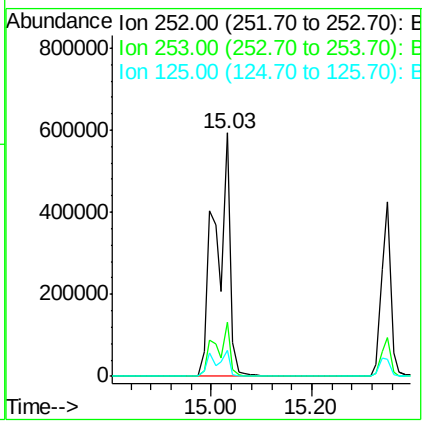


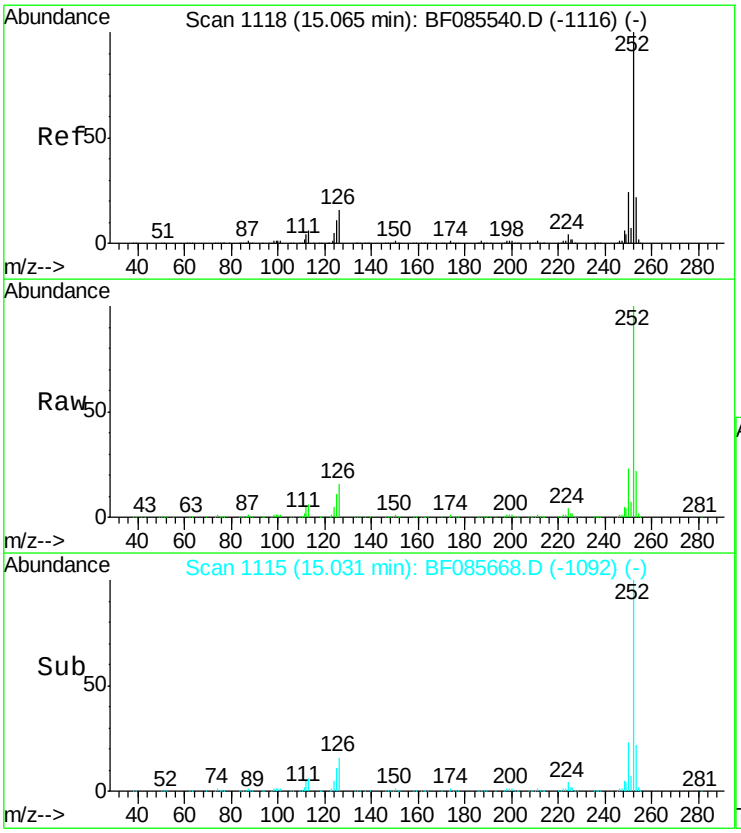

#87
Benzo(b)fluoranthene
Concen: 66.82 ng
RT: 15.03 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:252 Resp: 1201463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 10.6 | 10.3 | 15.5 |

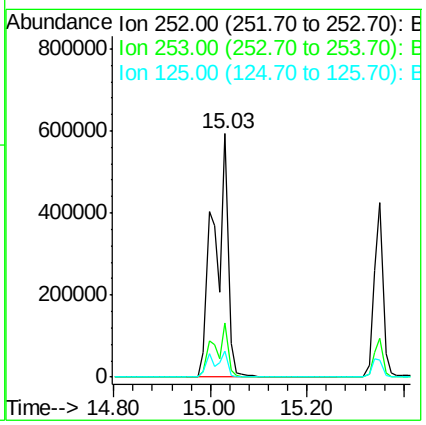


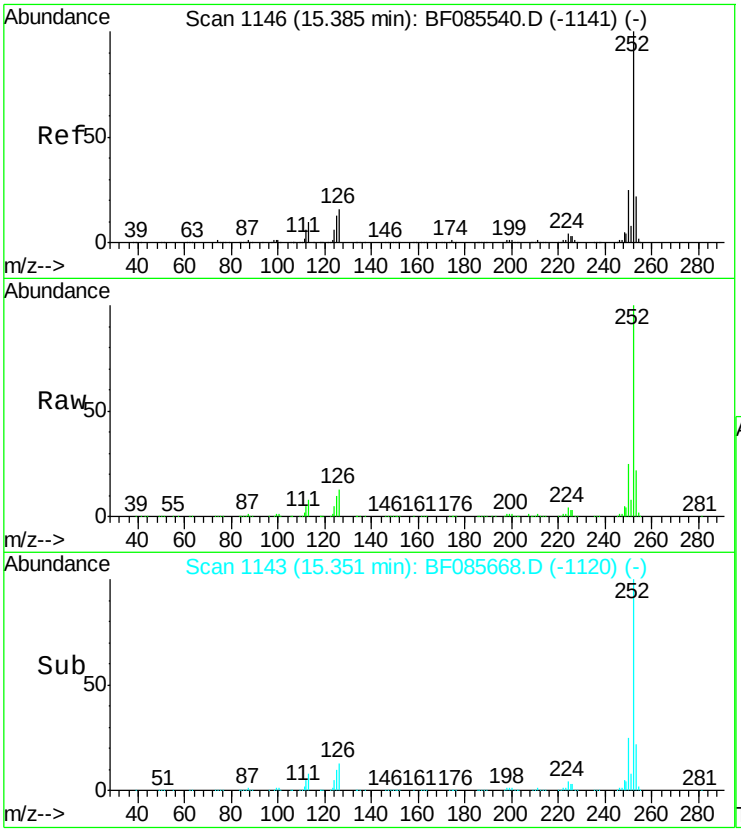




#88
Benzo(k)fluoranthene
Concen: 81.12 ng
RT: 15.03 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:252 Resp: 1201709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 10.6 | 7.7 | 11.5 |



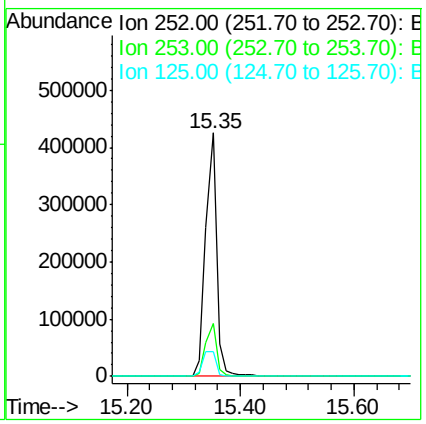


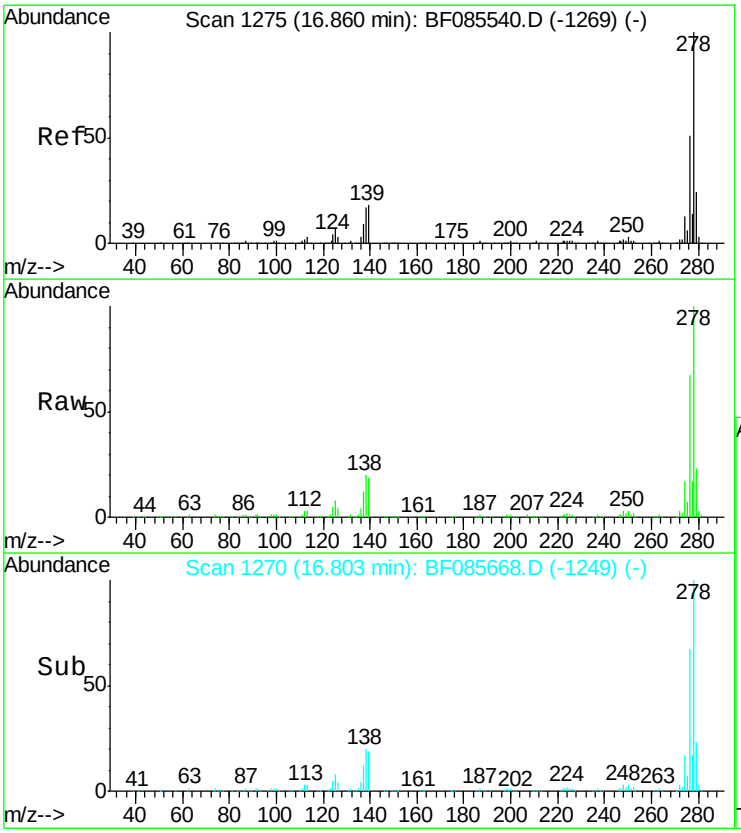

#89
Benzo(a)pyrene
Concen: 36.12 ng
RT: 15.35 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:252 Resp: 550521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.4 | 26.0 |
| 125 | 10.0 | 10.3 | 15.5# |

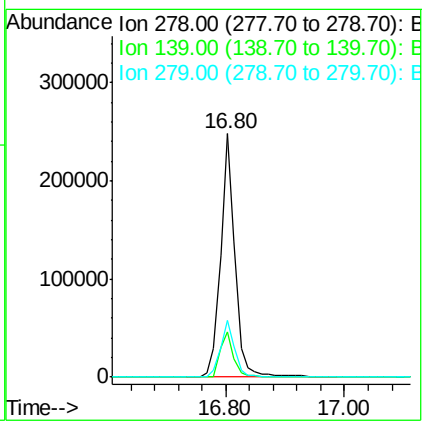


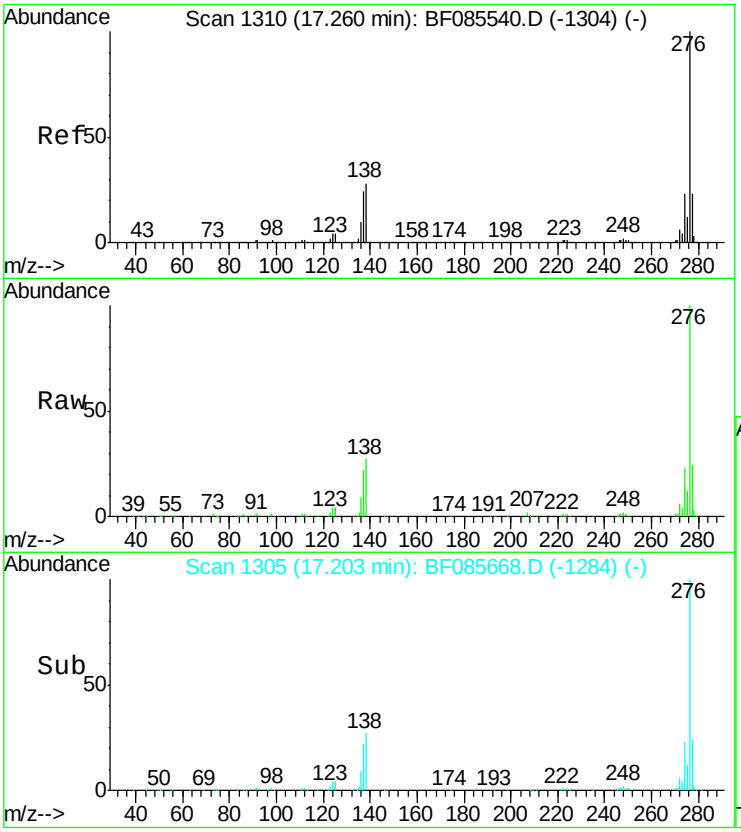




#90
Dibenzo(a,h)anthracene
Concen: 32.67 ng
RT: 16.80 min Scan# 1270
Delta R.T. -0.06 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

Tgt Ion:278 Resp: 415376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.8 | 14.4 | 21.6 |
| 279 | 23.4 | 19.1 | 28.7 |






#91
Benzo(g,h,i)perylene
Concen: 33.10 ng
RT: 17.20 min Scan# 1305
Delta R.T. -0.06 min
Lab File: BF085668.D
Acq: 22 Mar 2016 19:43

**Instrument :**
BNA_F
**ClientSampleId :**
PB89081BS

Tgt Ion:276 Resp: 407283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.1 | 18.8 | 28.2 |
| 138 | 26.8 | 22.6 | 34.0 |