Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087122.D
Acq On : 18 May 2016 00:52
Operator : UM/SJ
Sample : PB90662BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB90662BS

Quant Time: May 18 01:53:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.59 | 152 | 141327 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.88 | 136 | 585457 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.63 | 164 | 287373 | 20.00 | ng | | -0.01 |
| 63) Phenanthrene-d10 | 11.11 | 188 | 523098 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 13.74 | 240 | 383489 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 15.09 | 264 | 345327 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 948849 | 112.85 | ng | | -0.01 |
| 7) Phenol-d6 | 6.26 | 99 | 1228819 | 108.97 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.16 | 82 | 895365 | 76.22 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.42 | 330 | 331205 | 104.30 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 8.96 | 172 | 1430120 | 82.42 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.70 | 244 | 1485171 | 87.61 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.09 | 88 | 128392 | 29.68 | ng | # | 63 |
| 3) Pyridine | 2.72 | 79 | 369155 | 35.28 | ng | # | 65 |
| 4) n-Nitrosodimethylamine | 2.68 | 42 | 282329 | 38.08 | ng | # | 49 |
| 6) Aniline | 6.26 | 93 | 295930 | 20.66 | ng | # | 68 |
| 8) 2-Chlorophenol | 6.39 | 128 | 381203 | 37.26 | ng | | 98 |
| 9) Benzaldehyde | 6.15 | 77 | 24211 | 2.92 | ng | | 96 |
| 10) Phenol | 6.27 | 94 | 434700 | 30.66 | ng | # | 61 |
| 11) bis(2-Chloroethyl)ether | 6.34 | 93 | 421776 | 39.63 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 6.76 | 146 | 359030 | 33.02 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.76 | 146 | 363206 | 32.64 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.76 | 146 | 364951 | 37.47 | ng | | 98 |
| 15) Benzyl Alcohol | 6.76 | 79 | 342297 | 40.77 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.89 | 45 | 798325 | 36.48 | ng | | 72 |
| 17) 2-Methylphenol | 6.89 | 107 | 304368 | 36.23 | ng | # | 79 |
| 18) Hexachloroethane | 7.10 | 117 | 152155 | 35.77 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.03 | 70 | 332227 | 38.76 | ng | # | 72 |
| 20) 3+4-Methylphenols | 7.04 | 107 | 441000 | 39.79 | ng | # | 62 |
| 22) Acetophenone | 7.02 | 105 | 561377 | 39.18 | ng | # | 99 |
| 24) Nitrobenzene | 7.19 | 77 | 460691 | 35.92 | ng | | 98 |
| 25) Isophorone | 7.43 | 82 | 801334 | 37.26 | ng | | 98 |
| 26) 2-Nitrophenol | 7.51 | 139 | 212271 | 39.95 | ng | # | 84 |
| 27) 2,4-Dimethylphenol | 7.56 | 122 | 367546 | 40.54 | ng | | 89 |
| 28) bis(2-Chloroethoxy)methane | 7.64 | 93 | 454272 | 38.48 | ng | # | 98 |
| 29) 2,4-Dichlorophenol | 7.76 | 162 | 329029 | 41.18 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.83 | 180 | 346065 | 39.03 | ng | | 97 |
| 31) Naphthalene | 7.91 | 128 | 1096426 | 38.33 | ng | | 99 |
| 32) Benzoic acid | 7.72 | 122 | 191579 | 35.45 | ng | # | 81 |
| 33) 4-Chloroaniline | 7.98 | 127 | 136206 | 11.46 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.02 | 225 | 198967 | 39.54 | ng | | 98 |
| 35) Caprolactam | 8.35 | 113 | 67818 | 25.49 | ng | # | 64 |
| 36) 4-Chloro-3-methylphenol | 8.48 | 107 | 382973 | 39.74 | ng | | 92 |
| 37) 2-Methylnaphthalene | 8.59 | 142 | 710107 | 38.81 | ng | | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.76 | 216 | 322454 | 38.42 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 8.74 | 237 | 248883 | 77.10 | ng | | 95 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087122.D
Acq On : 18 May 2016 00:52
Operator : UM/SJ
Sample : PB90662BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB90662BS

Quant Time: May 18 01:53:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.89 | 196 | 211997 | 38.95 | ng | | 94 |
| 43) 2,4,5-Trichlorophenol | 8.94 | 196 | 223776 | 39.57 | ng | # | 83 |
| 45) 1,1'-Biphenyl | 9.06 | 154 | 926621 | 38.89 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.08 | 162 | 709430 | 38.78 | ng | | 96 |
| 47) 2-Nitroaniline | 9.20 | 65 | 290362 | 41.42 | ng | | 94 |
| 48) Acenaphthylene | 9.50 | 152 | 1088271 | 38.96 | ng | | 99 |
| 49) Dimethylphthalate | 9.37 | 163 | 834947 | 38.09 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.44 | 165 | 194426 | 40.85 | ng | | 95 |
| 51) Acenaphthene | 9.67 | 154 | 700067 | 40.12 | ng | | 98 |
| 52) 3-Nitroaniline | 9.61 | 138 | 95943 | 18.62 | ng | | 96 |
| 53) 2,4-Dinitrophenol | 9.72 | 184 | 206437 | 75.94 | ng | | 89 |
| 54) Dibenzofuran | 9.84 | 168 | 944633 | 41.86 | ng | | 95 |
| 55) 4-Nitrophenol | 9.84 | 139 | 654781 | 123.90 | ng | # | 21 |
| 56) 2,4-Dinitrotoluene | 9.84 | 165 | 229262 | 37.61 | ng | # | 38 |
| 57) Fluorene | 10.18 | 166 | 783895 | 43.24 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.96 | 232 | 190386 | 43.23 | ng | | 98 |
| 59) Diethylphthalate | 10.07 | 149 | 774537 | 37.01 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.17 | 204 | 318808 | 37.10 | ng | | 95 |
| 61) 4-Nitroaniline | 10.23 | 138 | 182993 | 35.97 | ng | # | 70 |
| 62) Azobenzene | 10.33 | 77 | 930359 | 38.58 | ng | | 85 |
| 64) 4,6-Dinitro-2-methylphenol | 10.25 | 198 | 134193 | 38.95 | ng | # | 34 |
| 65) n-Nitrosodiphenylamine | 10.30 | 169 | 651305 | 39.57 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.66 | 248 | 224814 | 41.79 | ng | | 91 |
| 67) Hexachlorobenzene | 10.72 | 284 | 240311 | 38.53 | ng | # | 63 |
| 68) Atrazine | 10.83 | 200 | 193192 | 35.98 | ng | | 95 |
| 69) Pentachlorophenol | 10.93 | 266 | 211586 | 90.31 | ng | | 97 |
| 70) Phenanthrene | 11.13 | 178 | 1054985 | 37.19 | ng | | 99 |
| 71) Anthracene | 11.19 | 178 | 1211311 | 42.21 | ng | | 100 |
| 72) Carbazole | 11.35 | 167 | 984768 | 37.57 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.68 | 149 | 1217298 | 40.43 | ng | # | 98 |
| 74) Fluoranthene | 12.32 | 202 | 1190967 | 41.90 | ng | | 90 |
| 76) Benzidine | 12.45 | 184 | 235794 | 18.81 | ng | | 96 |
| 77) Pyrene | 12.54 | 202 | 1081343 | 39.03 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.17 | 149 | 520330 | 44.49 | ng | # | 62 |
| 80) Benzo(a)anthracene | 13.73 | 228 | 912921 | 41.17 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.70 | 252 | 201647 | 14.29 | ng | # | 95 |
| 82) Chrysene | 13.76 | 228 | 823307 | 38.38 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.74 | 149 | 657719 | 46.21 | ng | # | 100 |
| 84) Di-n-octyl phthalate | 14.34 | 149 | 1192785 | 48.65 | ng | # | 86 |
| 85) Indeno(1,2,3-cd)pyrene | 16.33 | 276 | 769693 | 40.87 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 14.75 | 252 | 1715030 | 74.86 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 14.75 | 252 | 1716492 | 100.64 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.04 | 252 | 761331 | 39.76 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.34 | 278 | 634756 | 39.37 | ng | | 96 |
| 91) Benzo(g,h,i)perylene | 16.70 | 276 | 637527 | 39.15 | ng | | 95 |

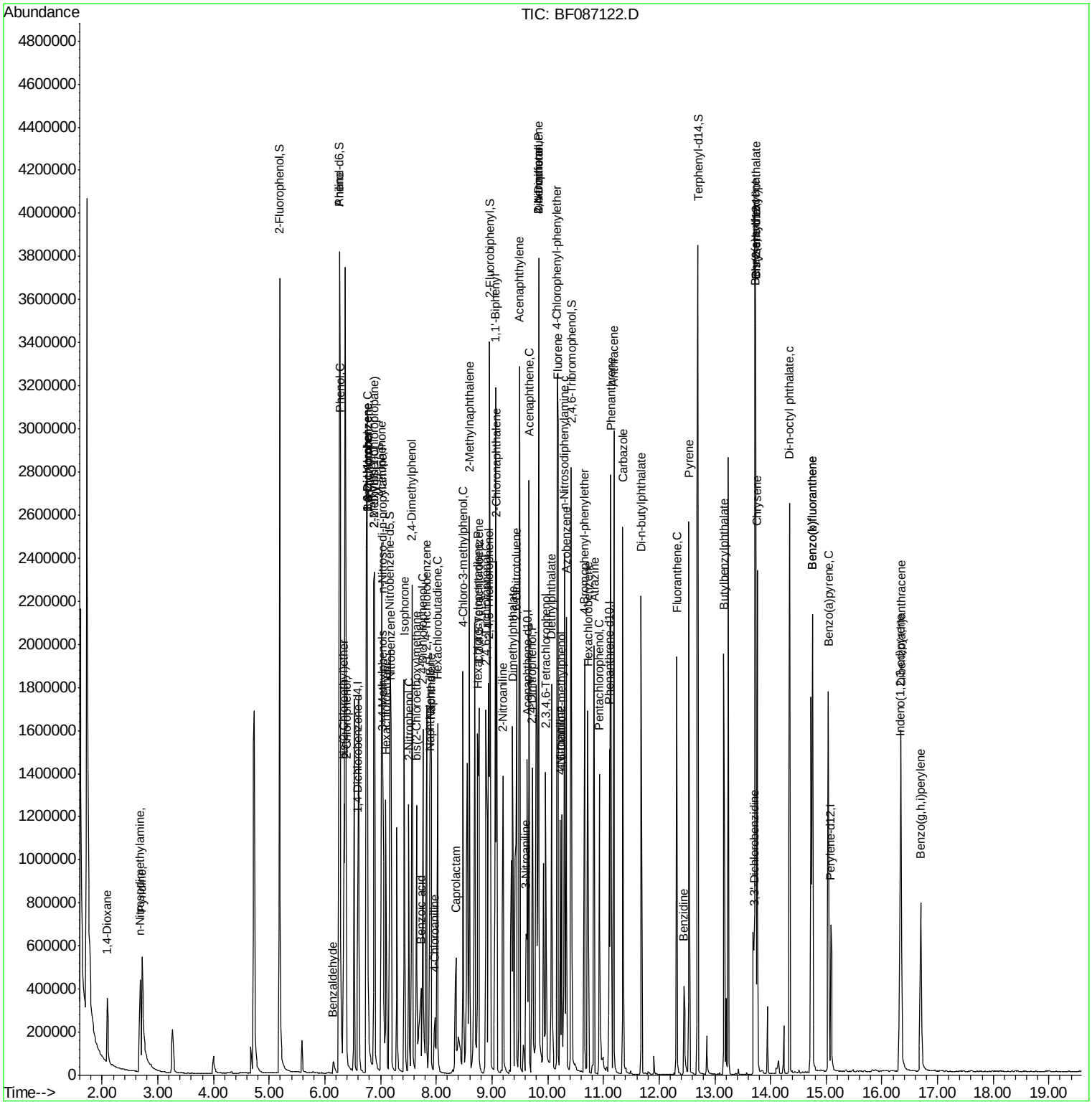
(#) = qualifier out of range (m) = manual integration (+) = signals summed

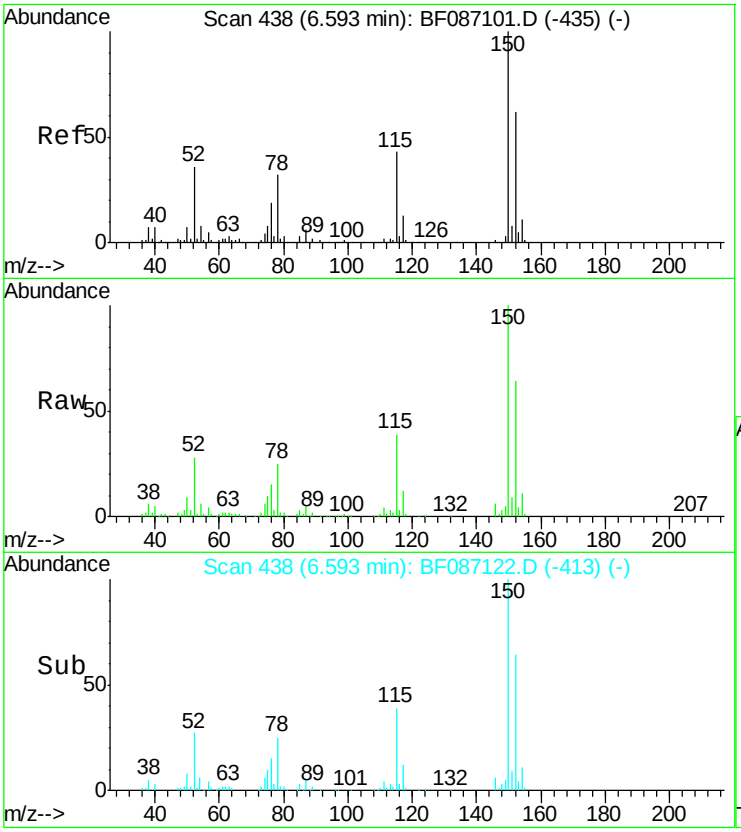
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
Data File : BF087122.D
Acq On : 18 May 2016 00:52
Operator : UM/SJ
Sample : PB90662BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Quant Time: May 18 01:53:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration



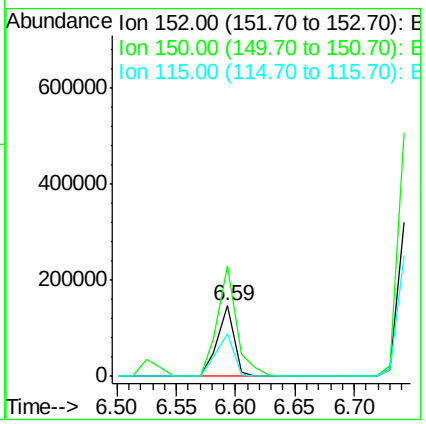


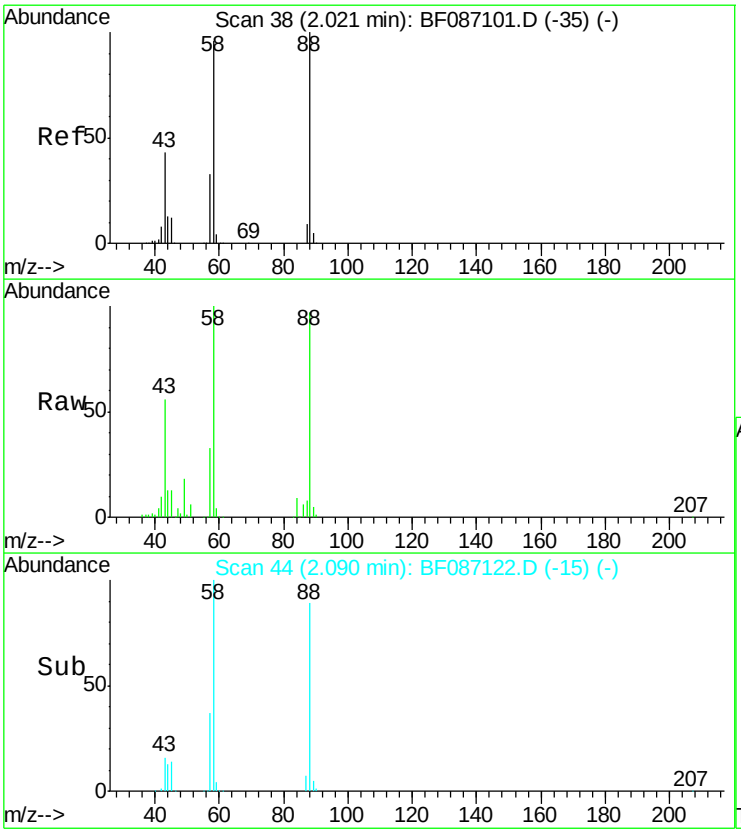

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:152 Resp: 141327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 125.8 | 188.6 |
| 115 | 60.9 | 51.5 | 77.3 |

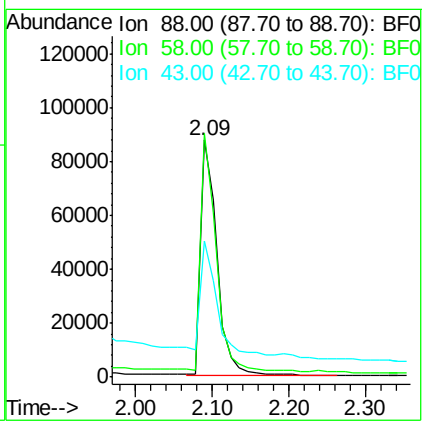


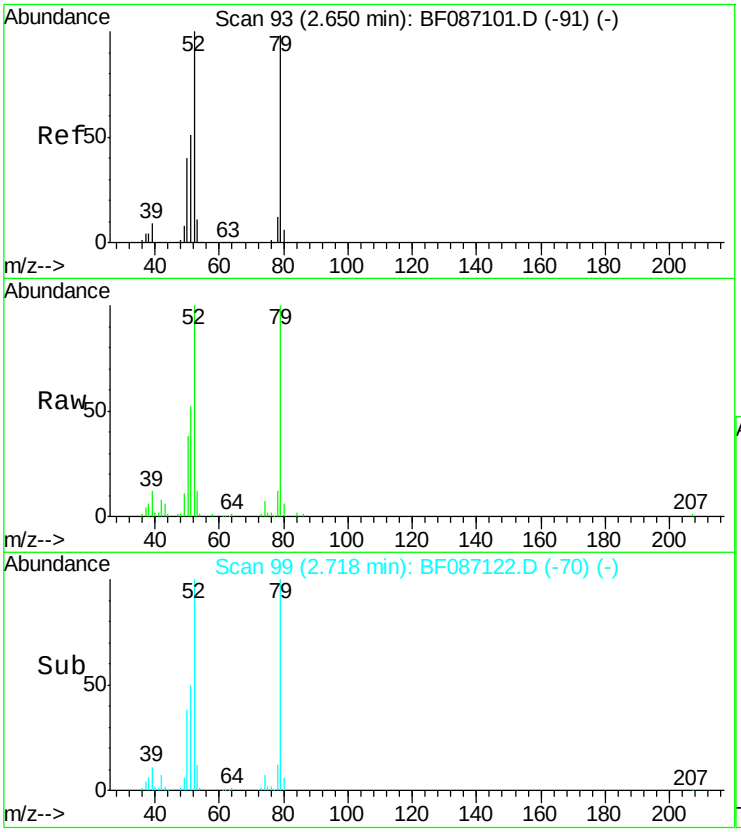




#2
1,4-Dioxane
Concen: 29.68 ng
RT: 2.09 min Scan# 44
Delta R.T. 0.03 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion: 88 Resp: 128392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 96.3 | 59.6 | 89.4# |
| 43 | 62.9 | 21.8 | 32.6# |



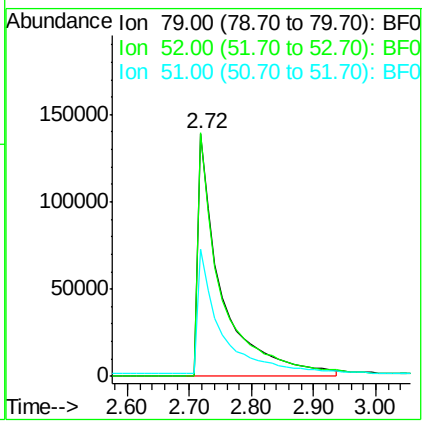


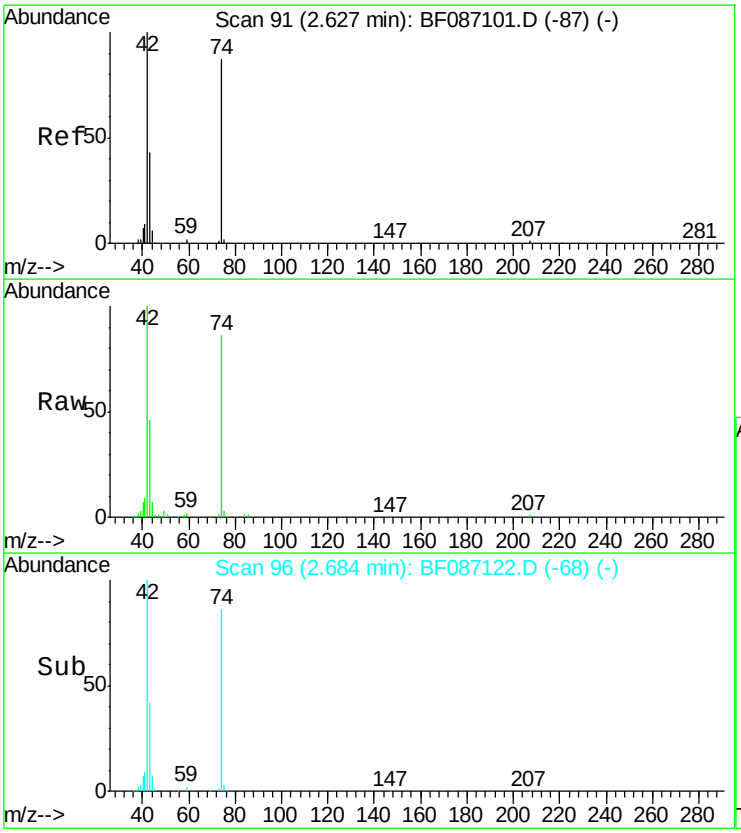

#3
Pyridine
Concen: 35.28 ng
RT: 2.72 min Scan# 99
Delta R.T. 0.03 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion: 79 Resp: 369155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 100.4 | 55.9 | 83.9# |
| 51 | 52.2 | 28.1 | 42.1# |

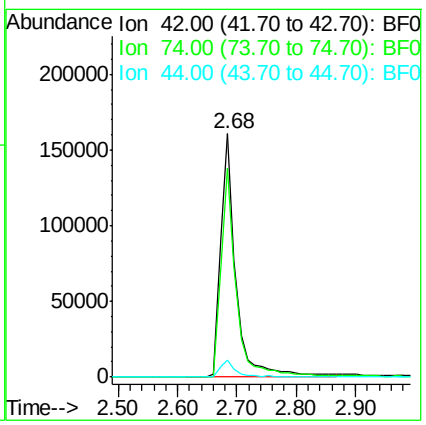


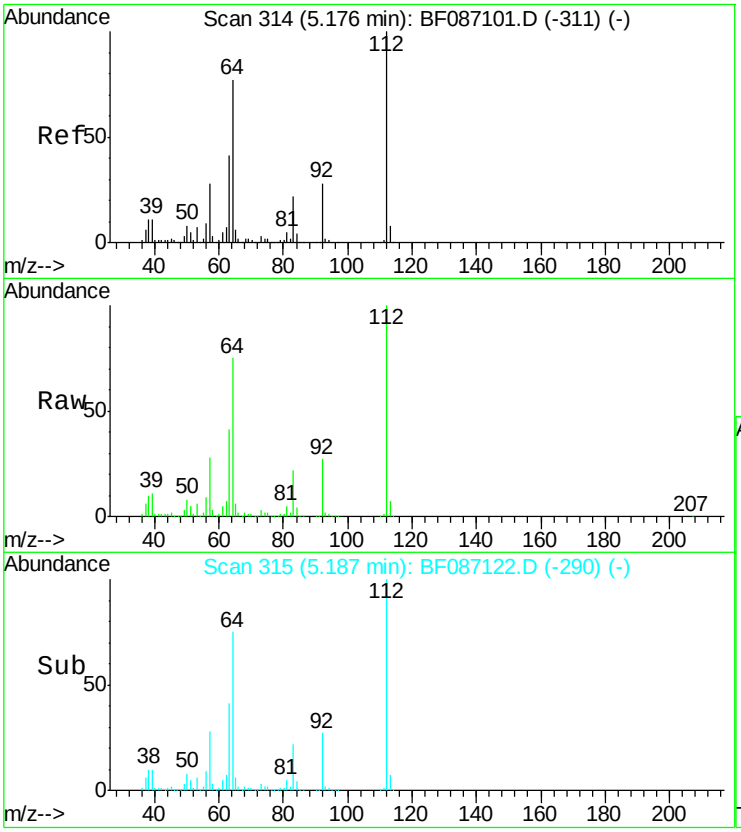




#4
n-Nitrosodimethylamine
Concen: 38.08 ng
RT: 2.68 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion: 42 Resp: 282329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 85.7 | 123.4 | 185.0# |
| 44 | 6.9 | 5.8 | 8.6 |



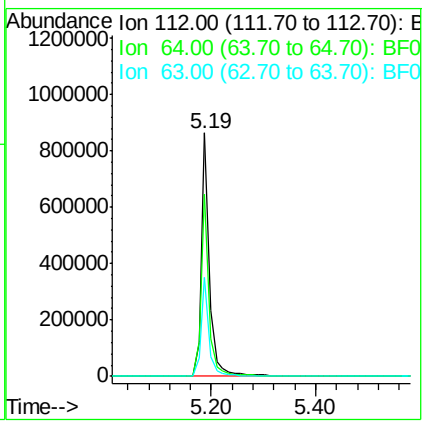


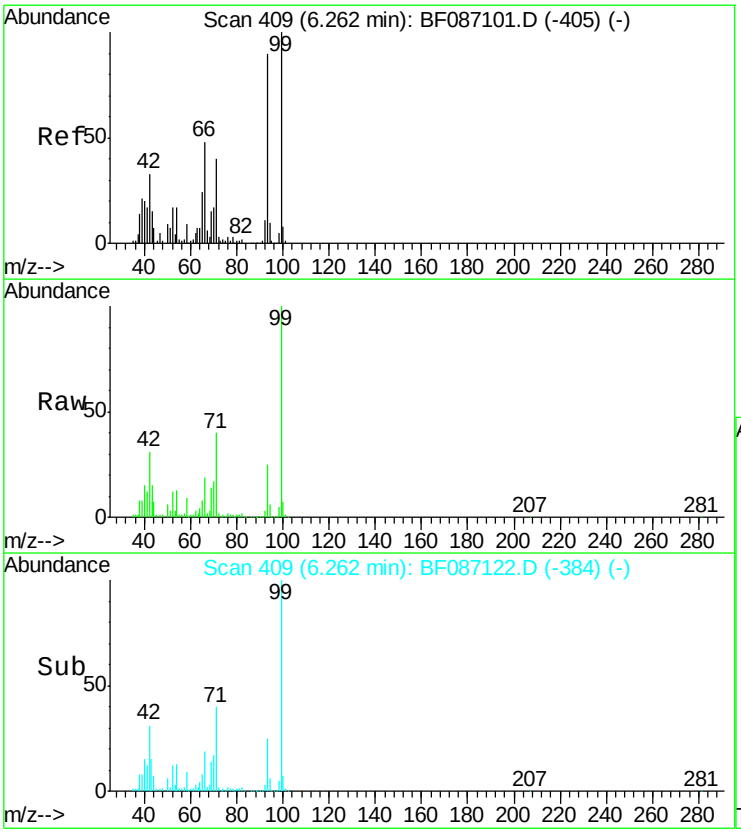

#5
2-Fluorophenol
Concen: 112.85 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:112 Resp: 948849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 75.0 | 52.1 | 78.1 |
| 63 | 40.7 | 25.7 | 38.5# |

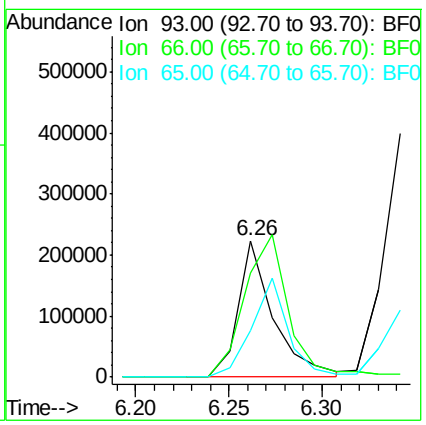


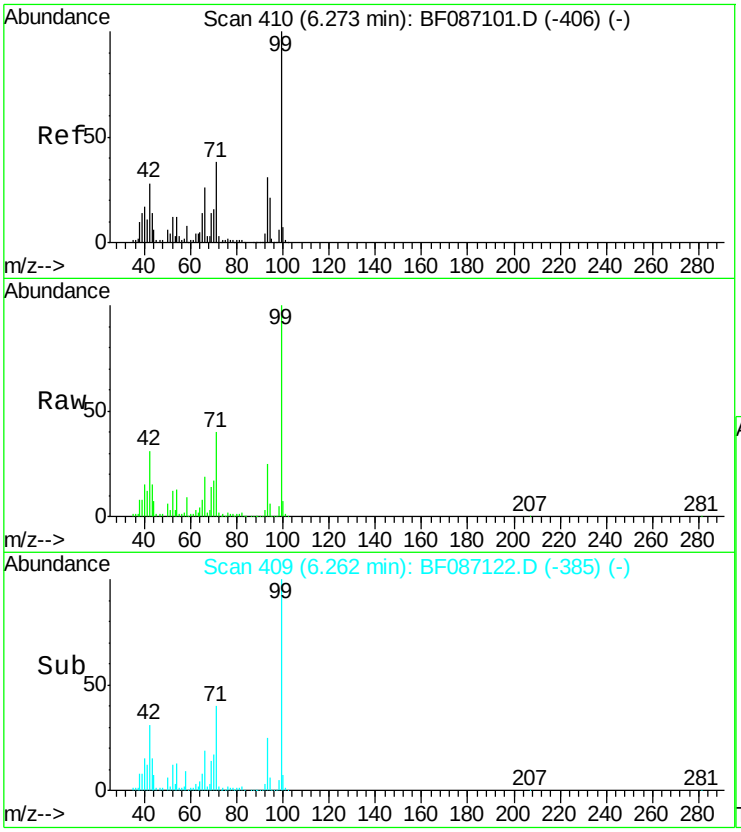




#6
Aniline
Concen: 20.66 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion: 93 Resp: 295930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 76.1 | 39.0 | 58.6# |
| 65 | 33.7 | 20.6 | 31.0# |



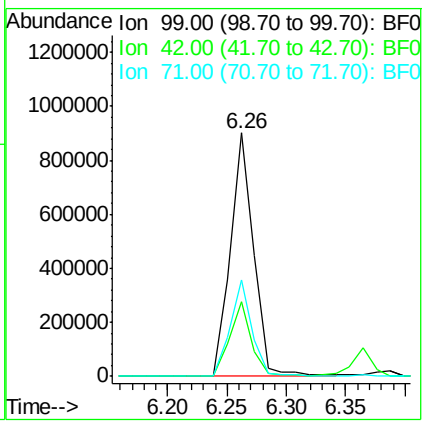


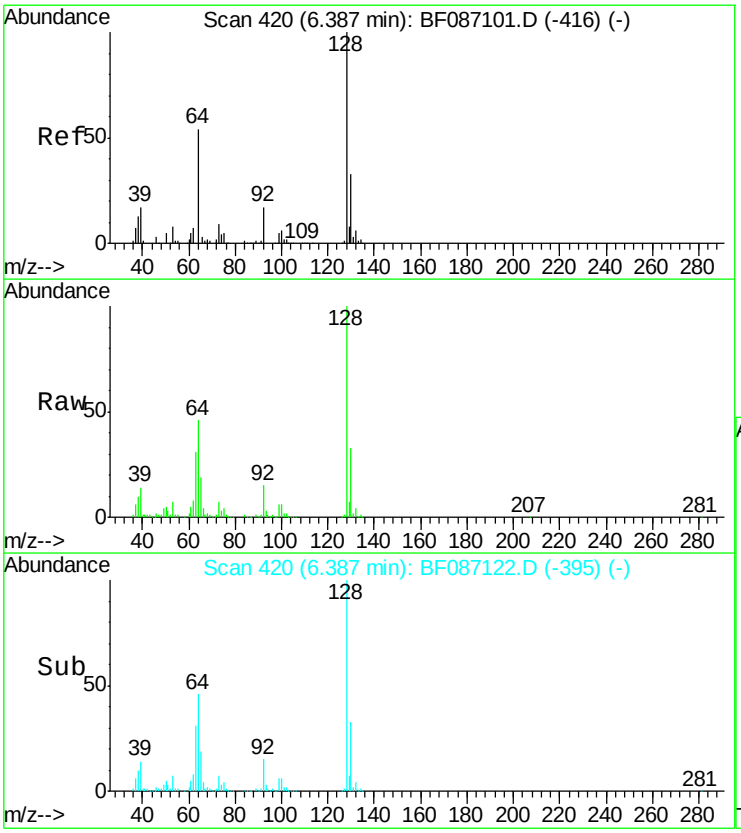

#7
Phenol-d6
Concen: 108.97 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion: 99 Resp: 1228819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 30.7 | 13.6 | 20.4# |
| 71 | 39.6 | 24.6 | 36.8# |

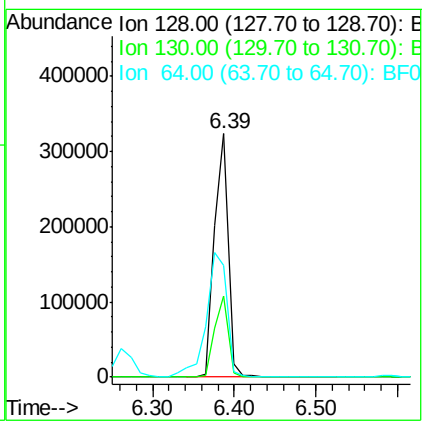


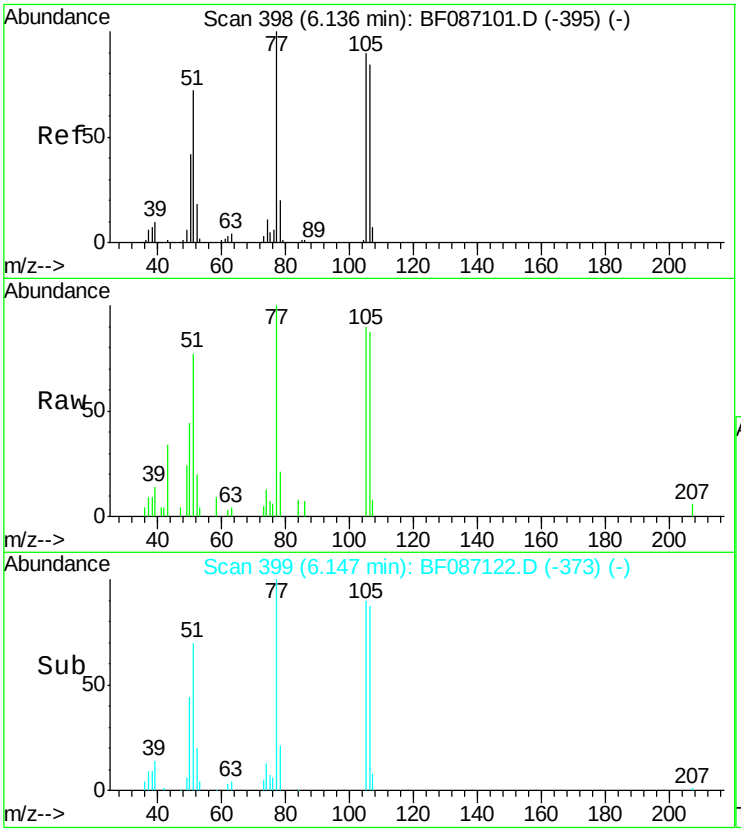




#8
2-Chlorophenol
Concen: 37.26 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:128 Resp: 381203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.3 | 12.5 | 52.5 |
| 64 | 46.0 | 27.3 | 67.3 |



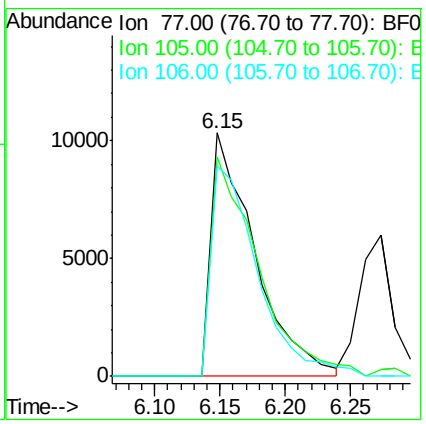


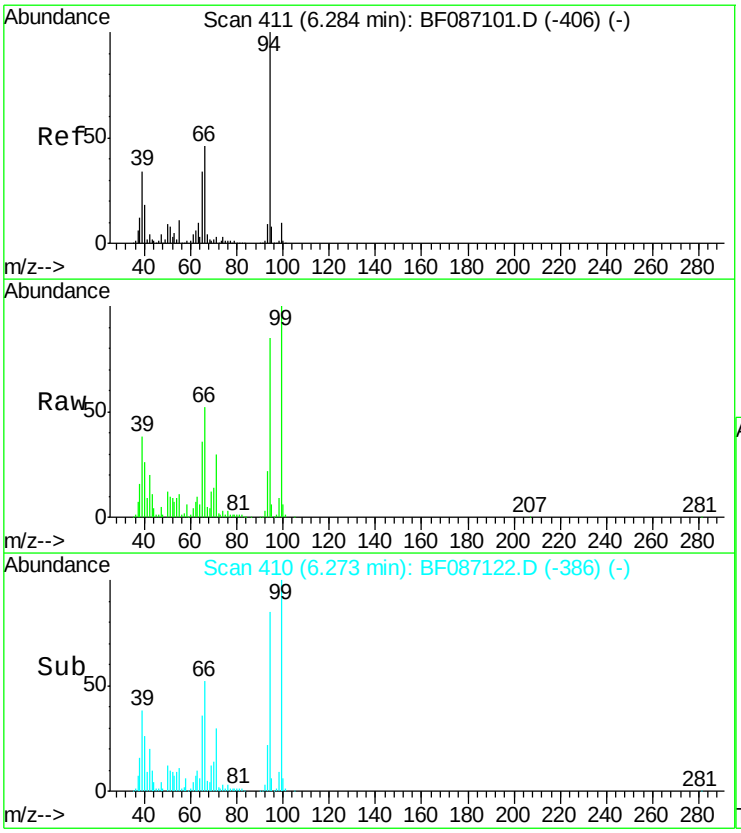

#9
Benzaldehyde
Concen: 2.92 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion: 77 Resp: 24211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 89.8 | 72.7 | 112.7 |
| 106 | 86.5 | 70.8 | 110.8 |

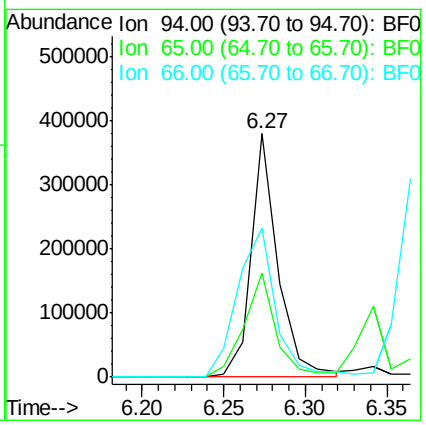


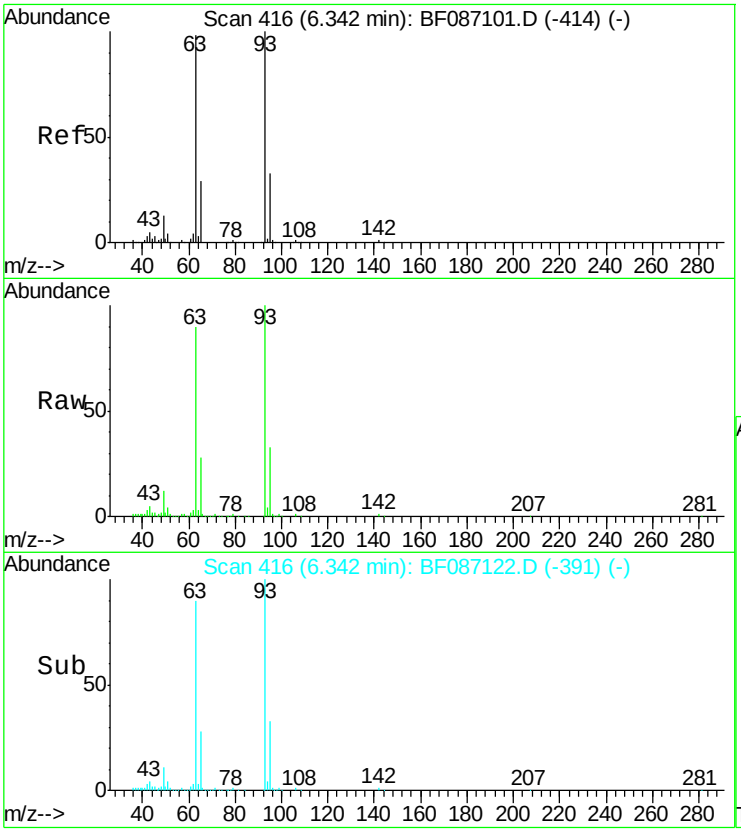




#10
Phenol
Concen: 30.66 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion: 94 Resp: 434700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 42.7 | 7.2 | 47.2 |
| 66 | 61.2 | 14.9 | 54.9# |



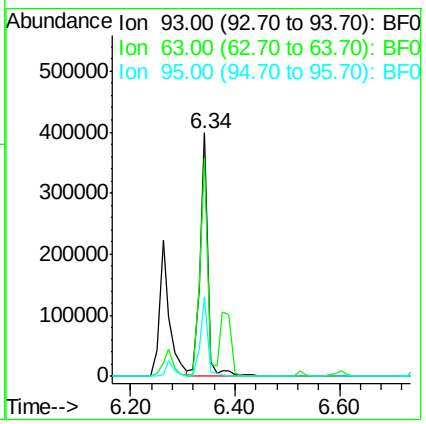


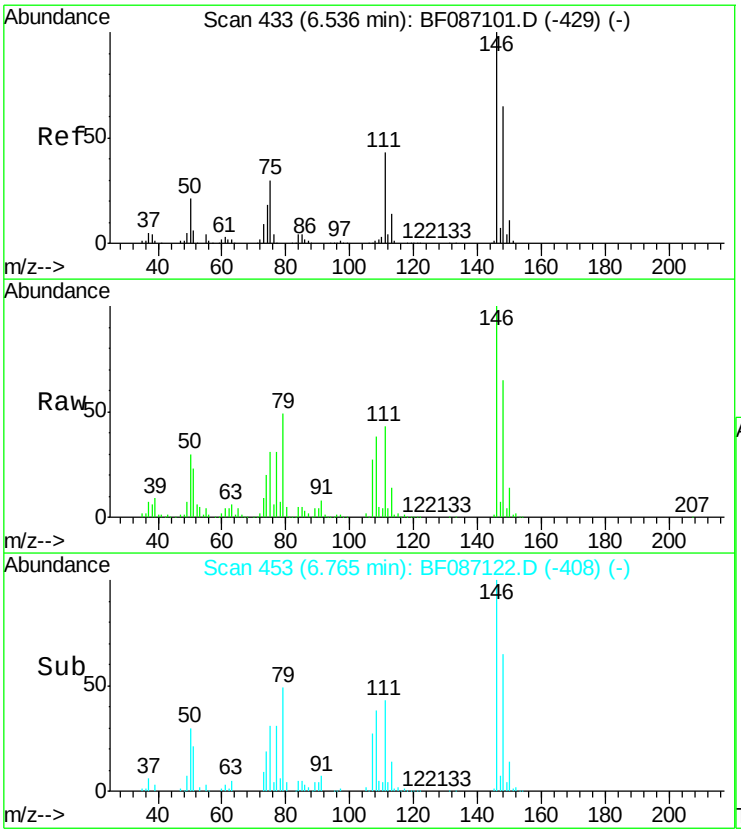

#11
bis(2-Chloroethyl)ether
Concen: 39.63 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion: 93 Resp: 421776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 89.7 | 58.0 | 98.0 |
| 95 | 32.7 | 11.9 | 51.9 |

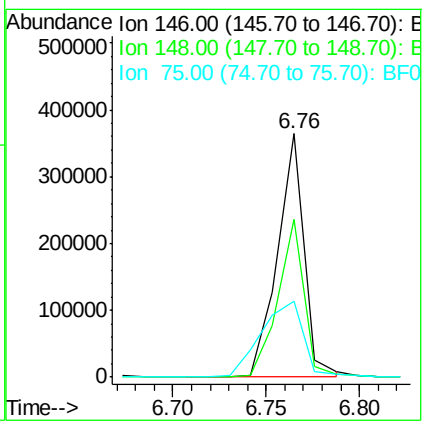


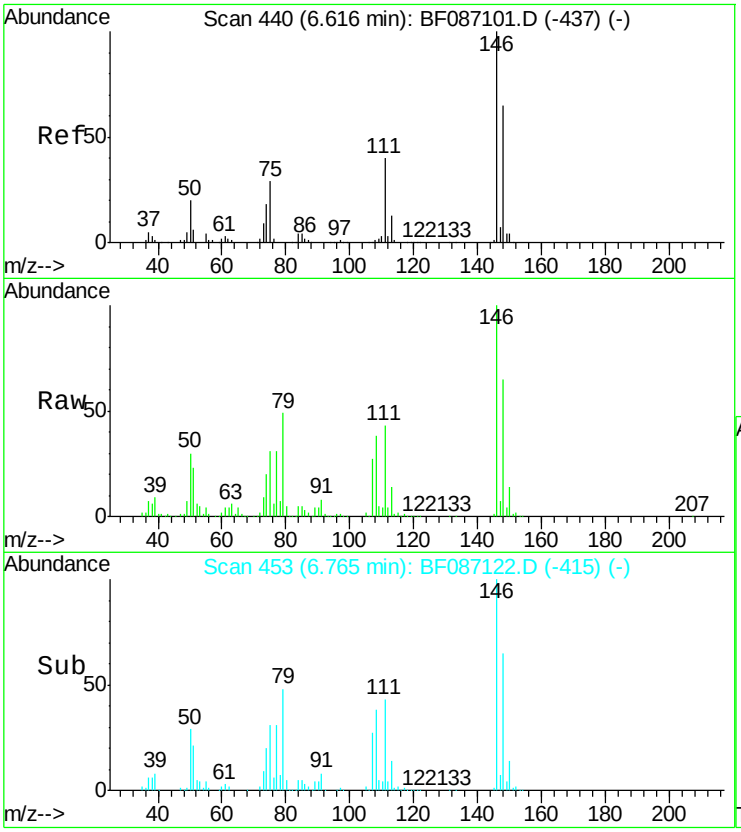




#12
1,3-Dichlorobenzene
Concen: 33.02 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.22 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:146 Resp: 359030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 52.4 | 78.6 |
| 75 | 31.4 | 22.8 | 34.2 |



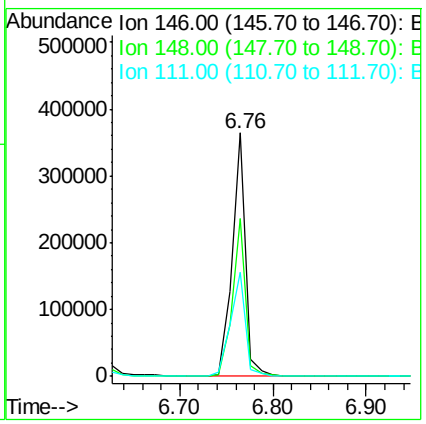


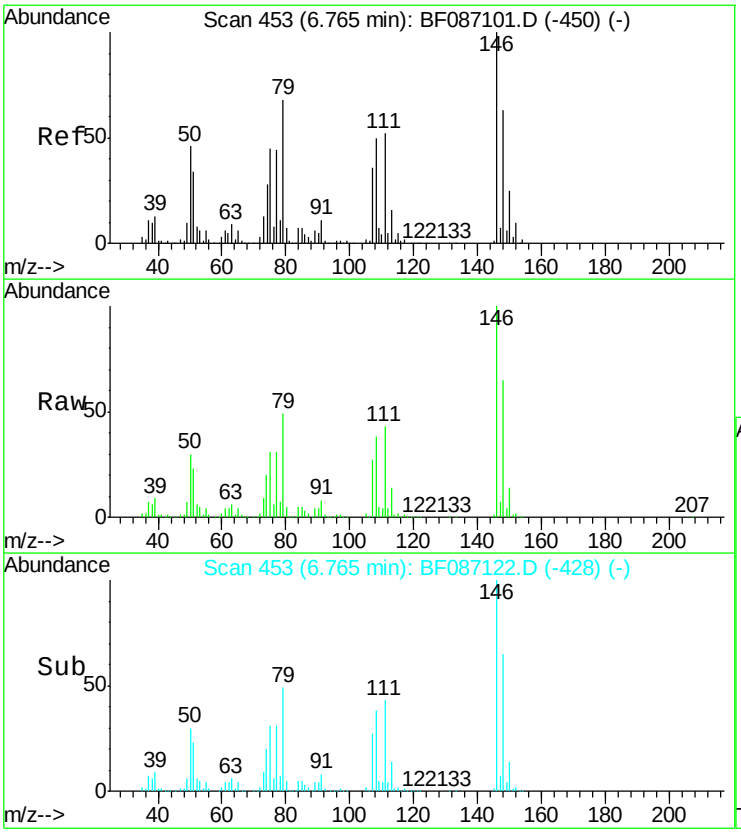

#13
1,4-Dichlorobenzene
Concen: 32.64 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:146 Resp: 363206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 52.2 | 78.4 |
| 111 | 42.8 | 30.7 | 46.1 |

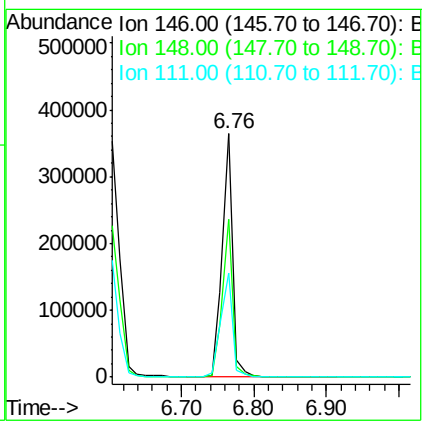


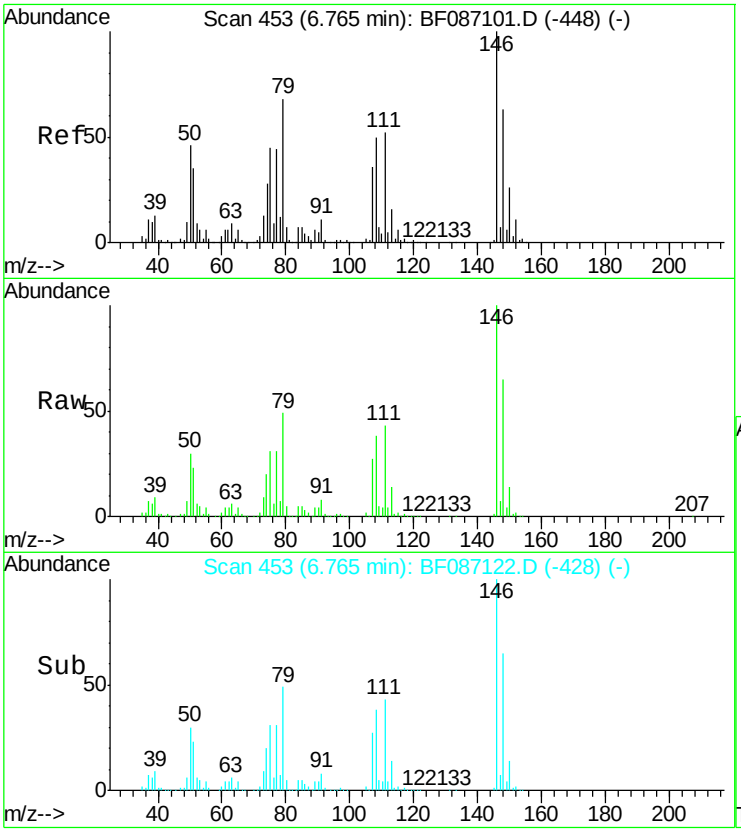




#14
1,2-Dichlorobenzene
Concen: 37.47 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:146 Resp: 364951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 51.0 | 76.6 |
| 111 | 42.8 | 36.2 | 54.4 |



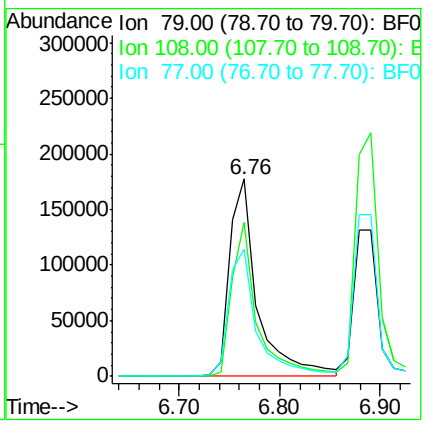


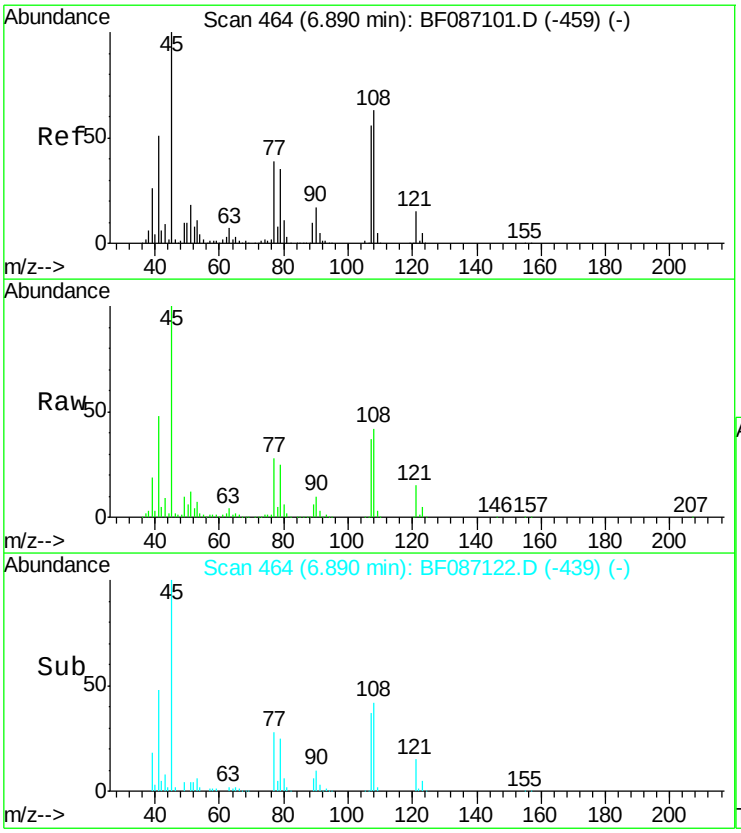

#15
Benzyl Alcohol
Concen: 40.77 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion: 79 Resp: 342297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.9 | 68.4 | 102.6 |
| 77 | 64.6 | 50.6 | 76.0 |

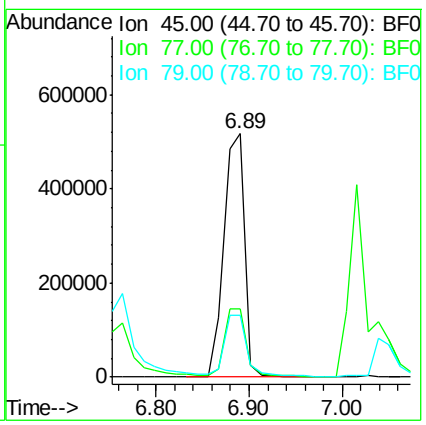


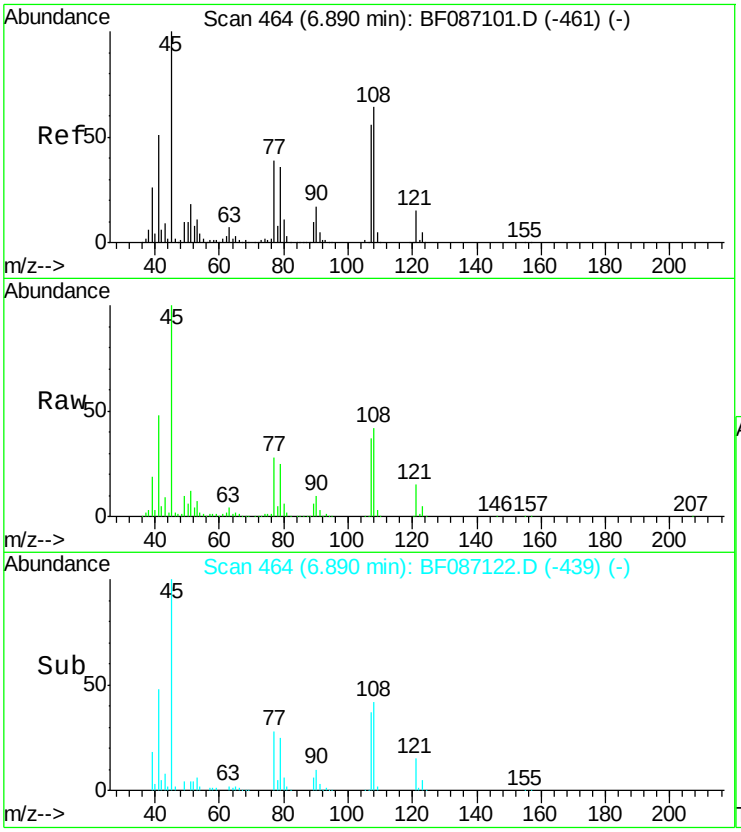




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.48 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion: 45 Resp: 798325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 28.0 | 0.0 | 36.4 |
| 79 | 25.5 | 0.0 | 33.4 |



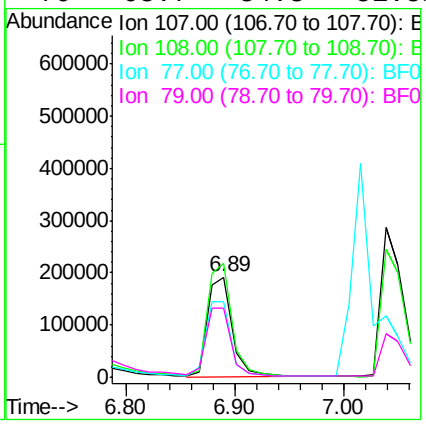


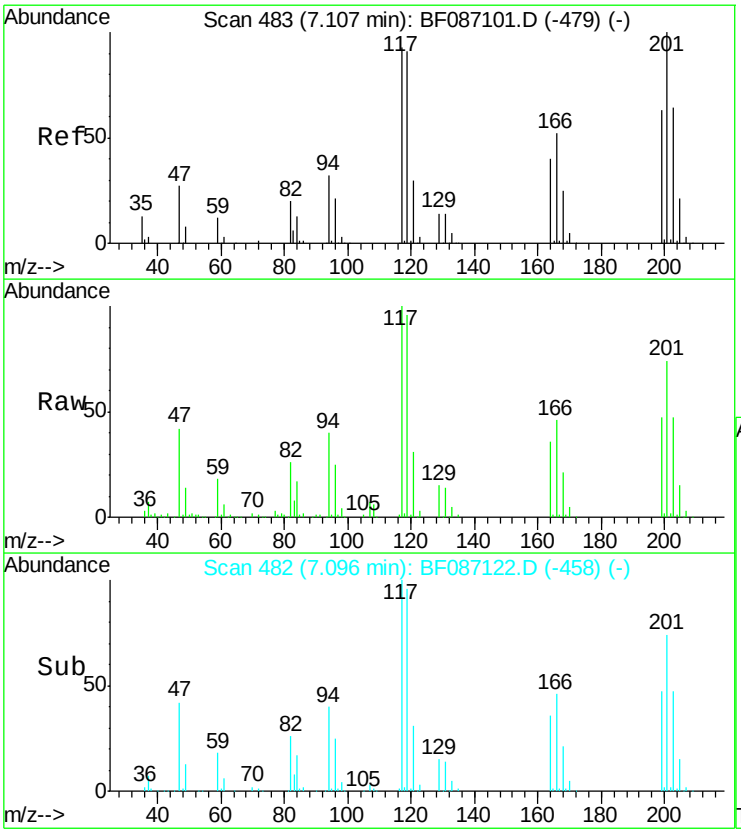

#17
2-Methylphenol
Concen: 36.23 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:107 Resp: 304368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.0 | 93.7 | 140.5 |
| 77 | 75.5 | 33.4 | 50.0# |
| 79 | 68.7 | 34.3 | 51.5# |

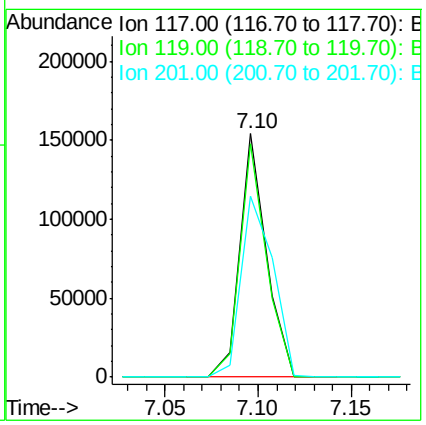


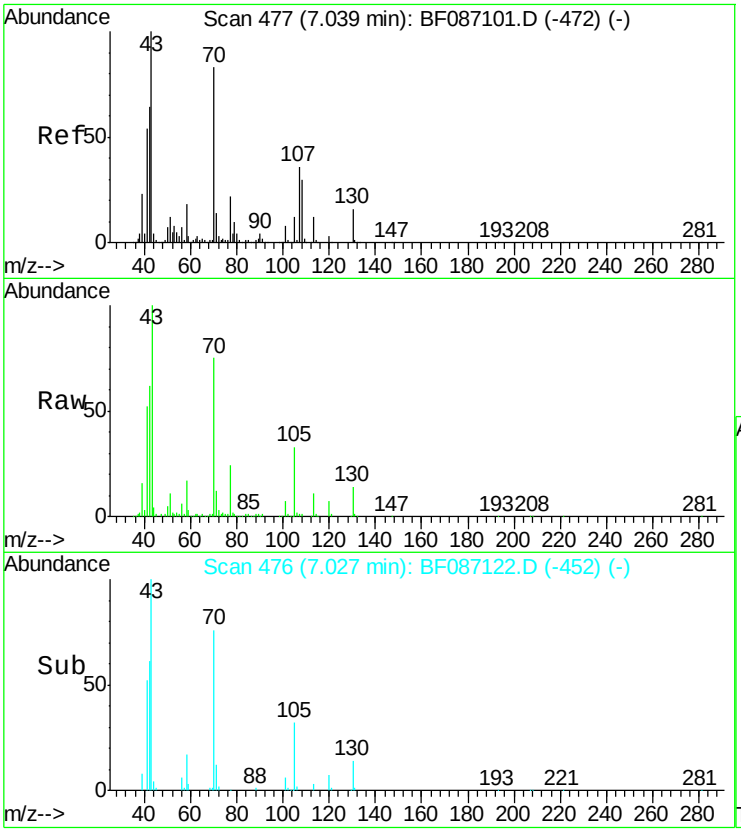




#18
Hexachloroethane
Concen: 35.77 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:117 Resp: 152155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.6 | 76.5 | 114.7 |
| 201 | 74.5 | 63.0 | 94.6 |



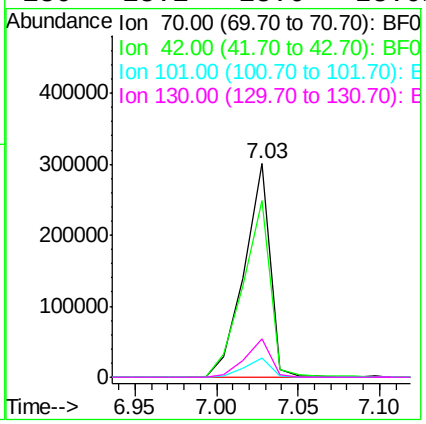


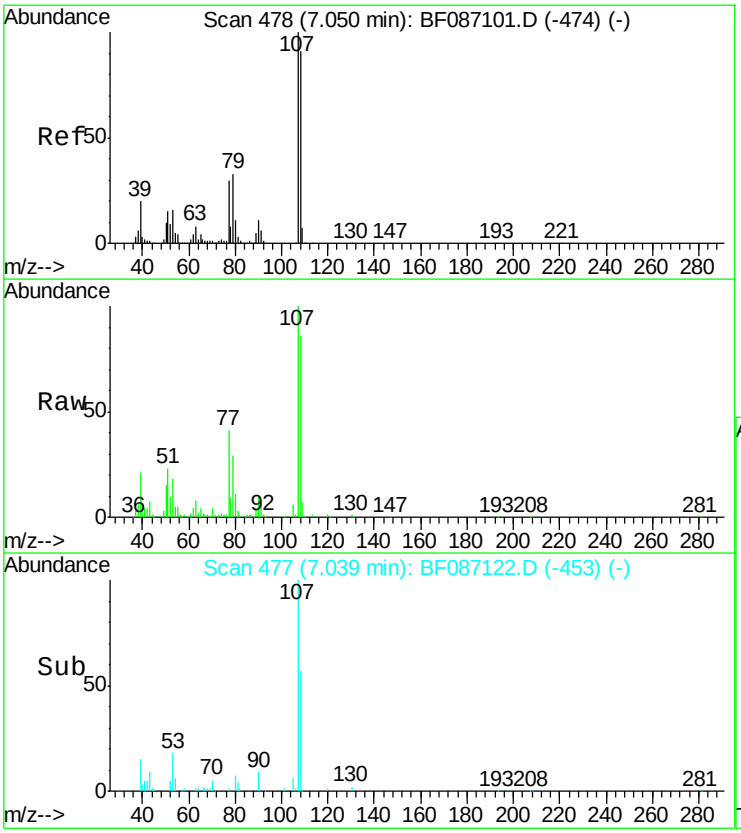

#19
n-Nitroso-di-n-propylamine
Concen: 38.76 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion: 70 Resp: 332227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 82.7 | 43.1 | 64.7# |
| 101 | 8.9 | 8.1 | 12.1 |
| 130 | 18.1 | 18.6 | 28.0# |

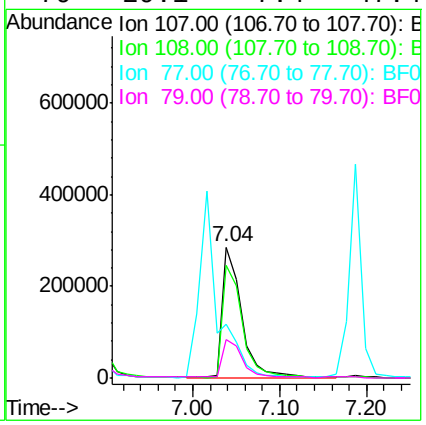


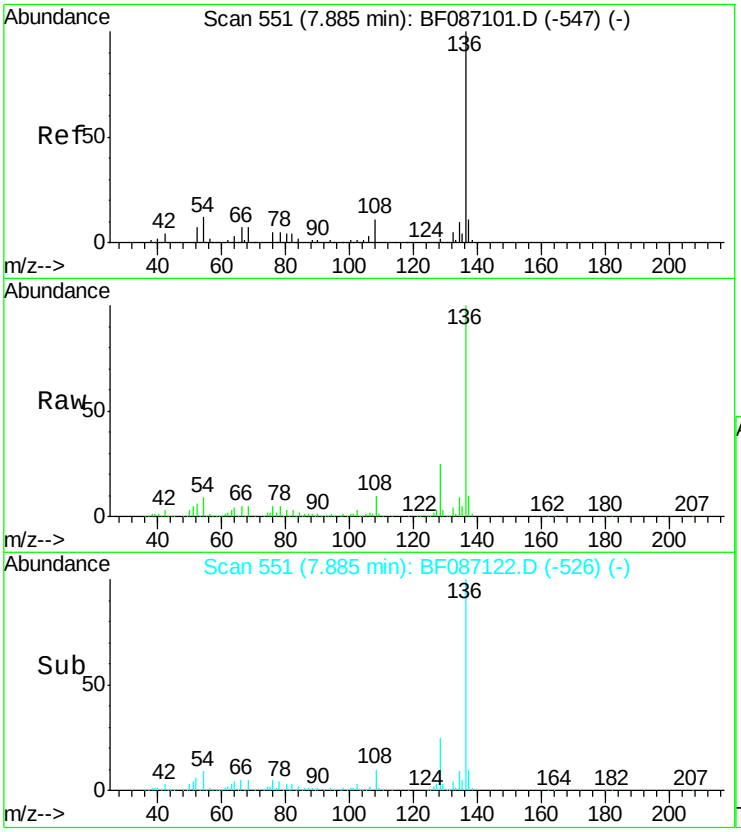




#20
3+4-Methylphenols
Concen: 39.79 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:107 Resp: 441000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 85.7 | 68.5 | 108.5 |
| 77 | 40.8 | 101.6 | 141.6# |
| 79 | 29.1 | 7.4 | 47.4 |



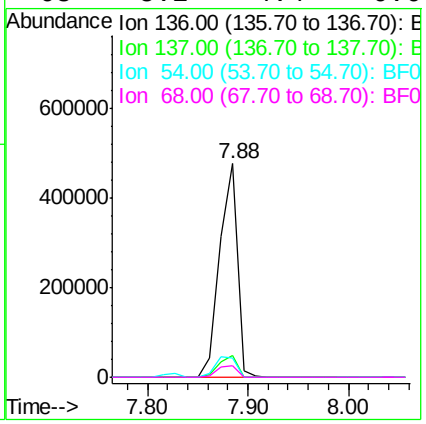


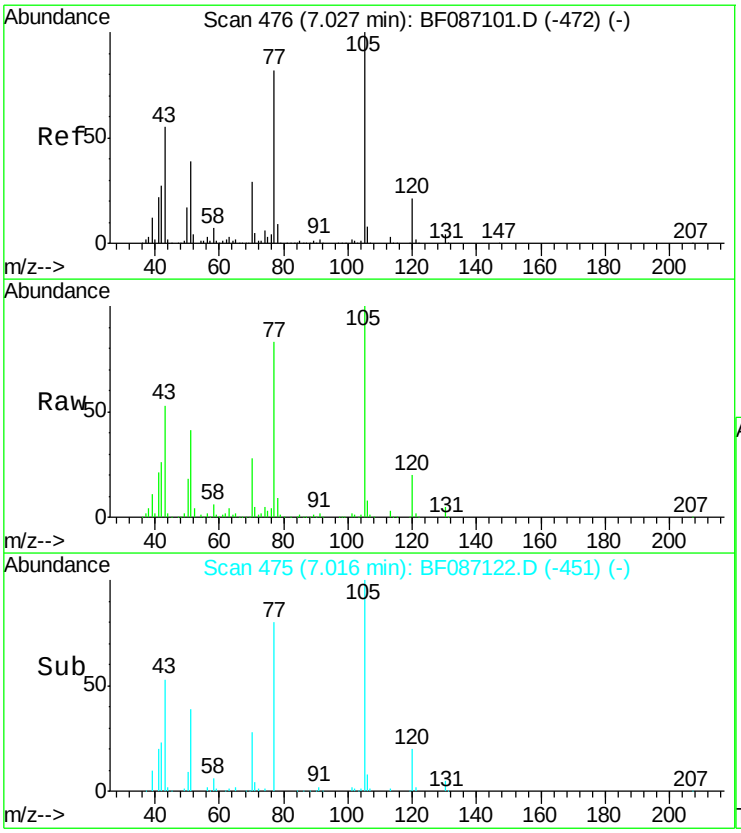

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:136 Resp: 585457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.8 | 13.2 |
| 54 | 9.2 | 5.0 | 7.4# |
| 68 | 5.2 | 4.4 | 6.6 |

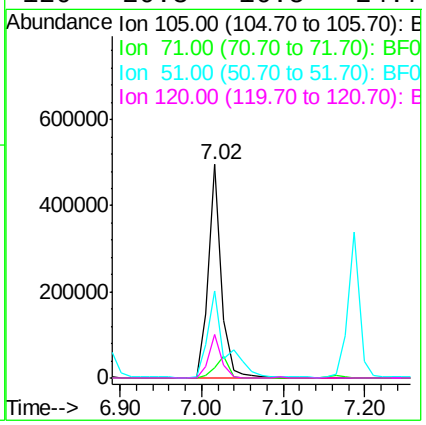


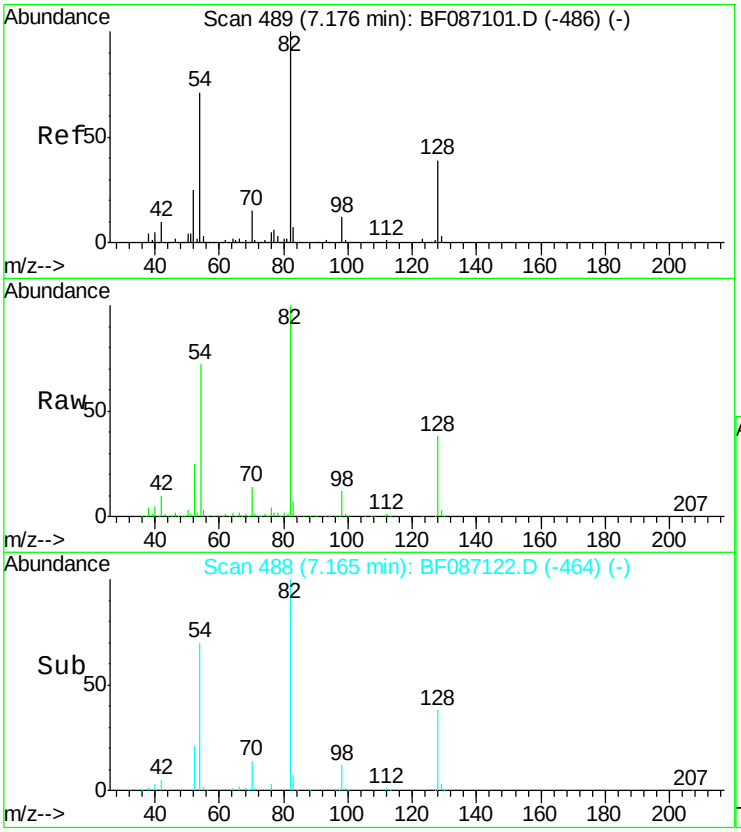




#22
Acetophenone
Concen: 39.18 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:105 Resp: 561377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.6 | 4.8 | 7.2# |
| 51 | 40.7 | 32.6 | 49.0 |
| 120 | 20.3 | 16.5 | 24.7 |



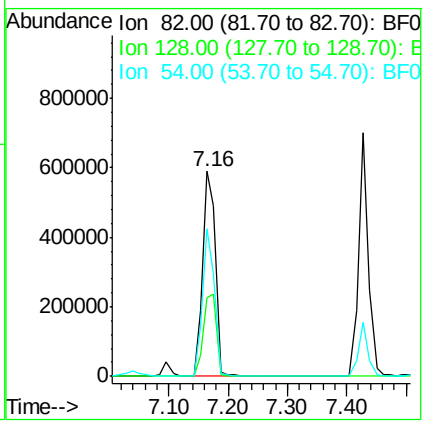


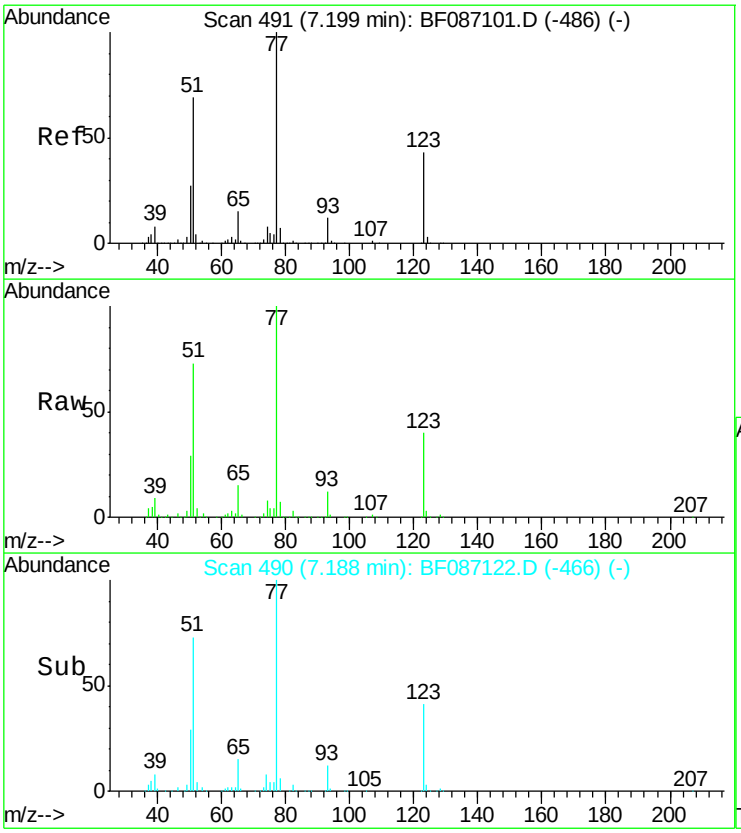

#23
Nitrobenzene-d5
Concen: 76.22 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion: 82 Resp: 895365

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.1 | 40.6 | 61.0# |
| 54 | 72.1 | 38.1 | 57.1# |

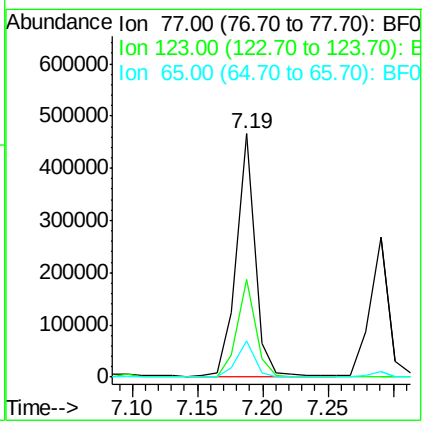


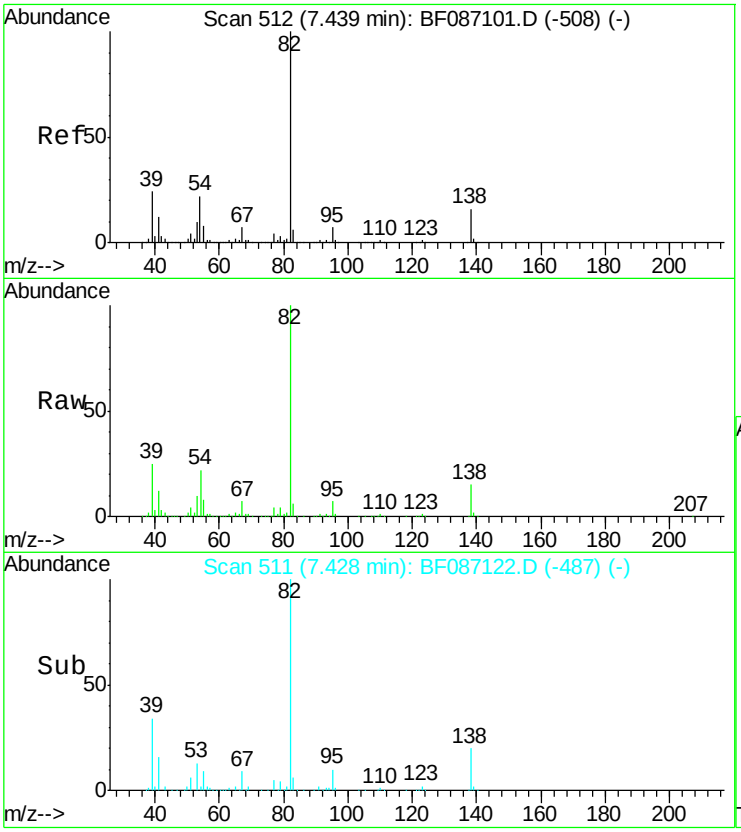




#24
Nitrobenzene
Concen: 35.92 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion: 77 Resp: 460691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 40.2 | 33.0 | 49.4 |
| 65 | 15.0 | 10.8 | 16.2 |



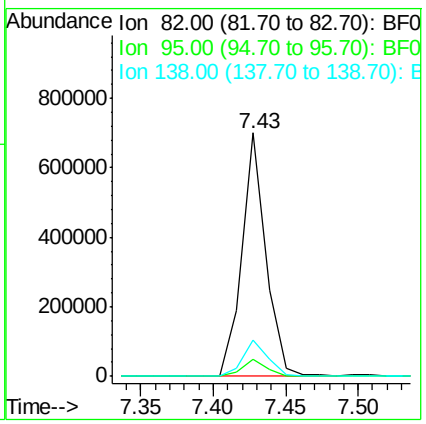


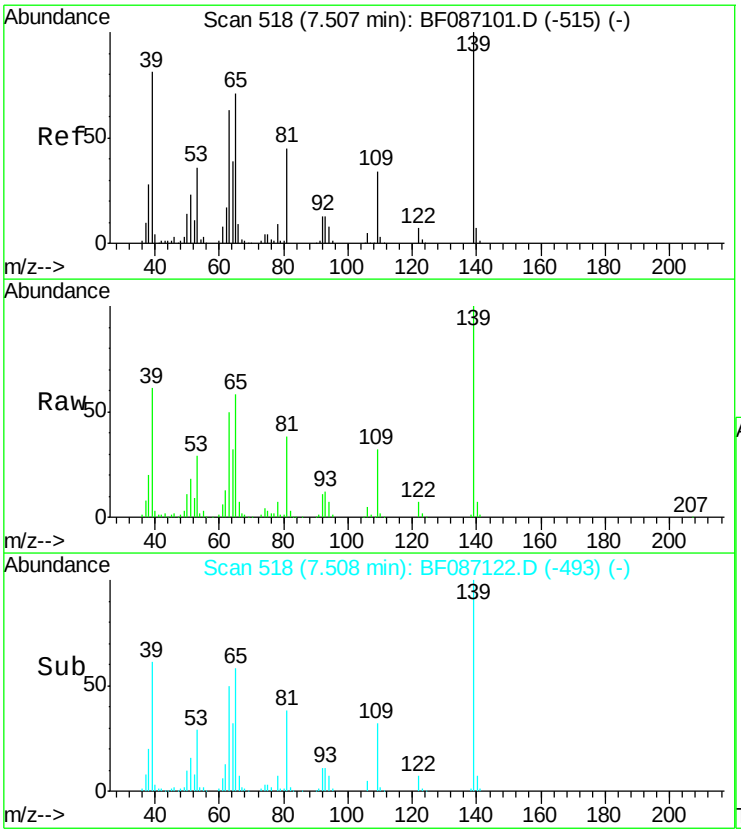

#25
Isophorone
Concen: 37.26 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion: 82 Resp: 801334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 5.1 | 7.7 |
| 138 | 14.9 | 12.4 | 18.6 |

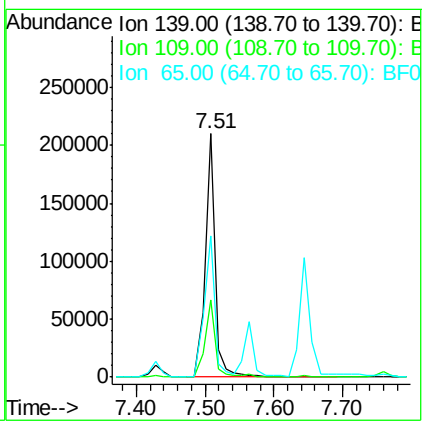


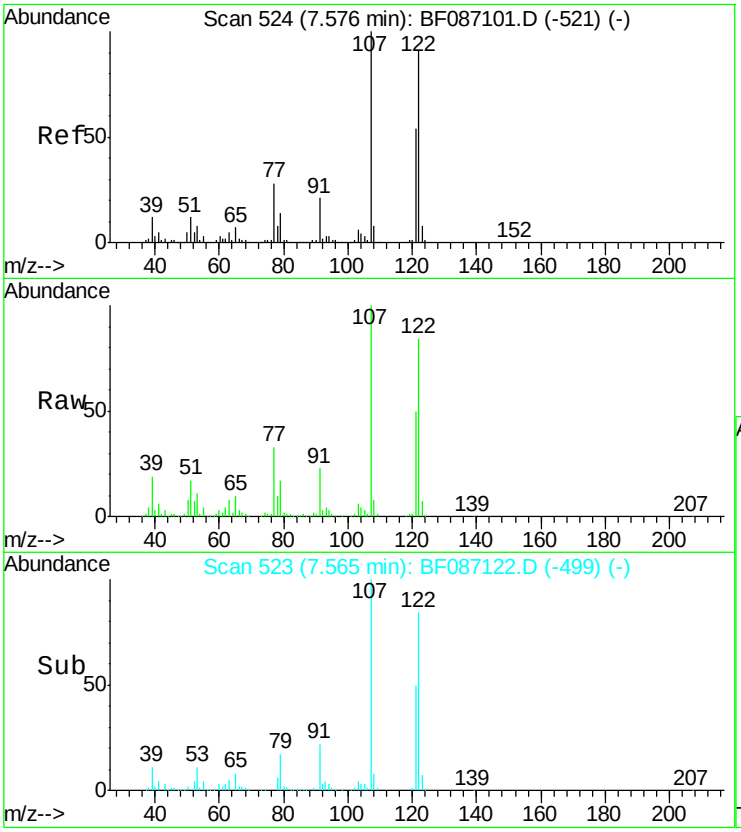




#26
2-Nitrophenol
Concen: 39.95 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:139 Resp: 212271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.6 | 19.5 | 29.3# |
| 65 | 58.2 | 37.5 | 56.3# |



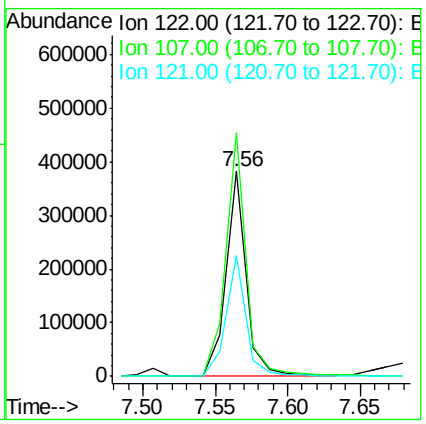


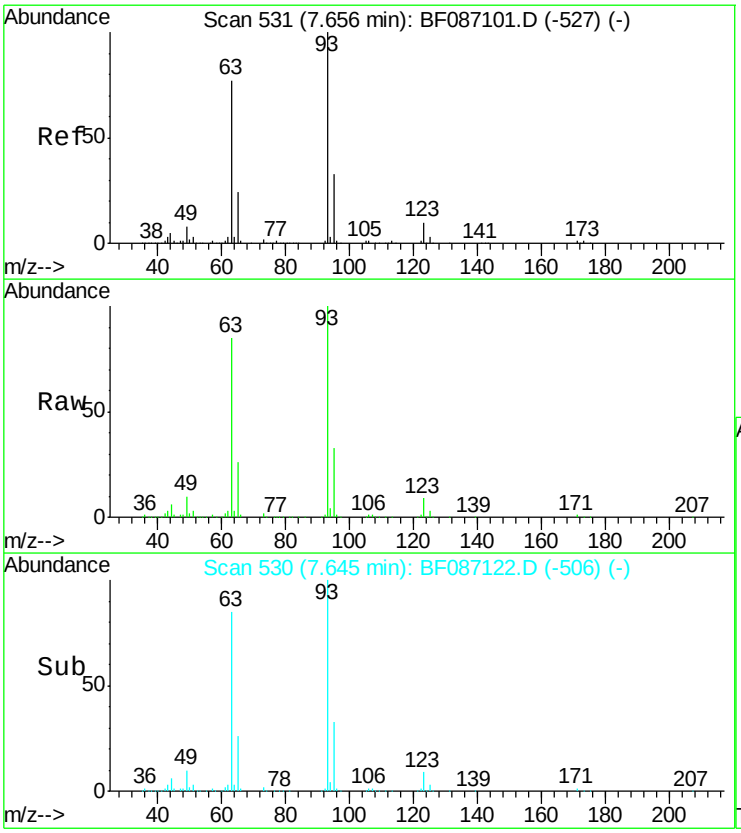

#27
2,4-Dimethylphenol
Concen: 40.54 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:122 Resp: 367546

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 119.0 | 82.0 | 123.0 |
| 121 | 59.1 | 46.1 | 69.1 |

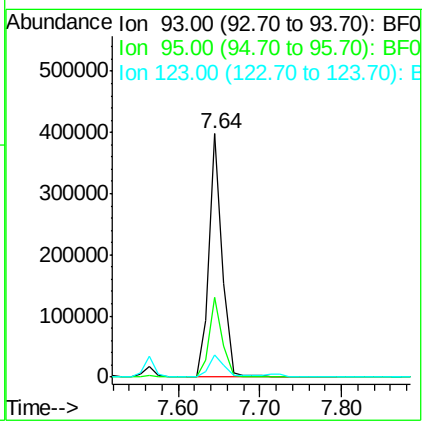


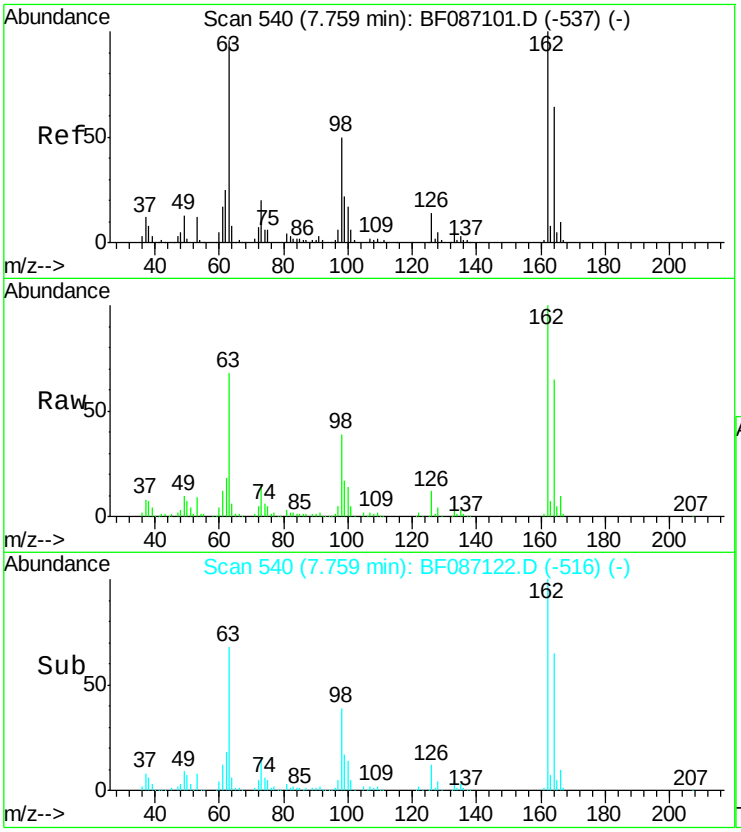




#28
bis(2-Chloroethoxy)methane
Concen: 38.48 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion: 93 Resp: 454272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.9 | 26.0 | 39.0 |
| 123 | 9.3 | 9.5 | 14.3# |



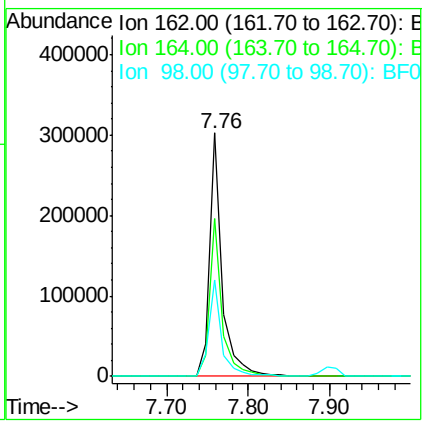


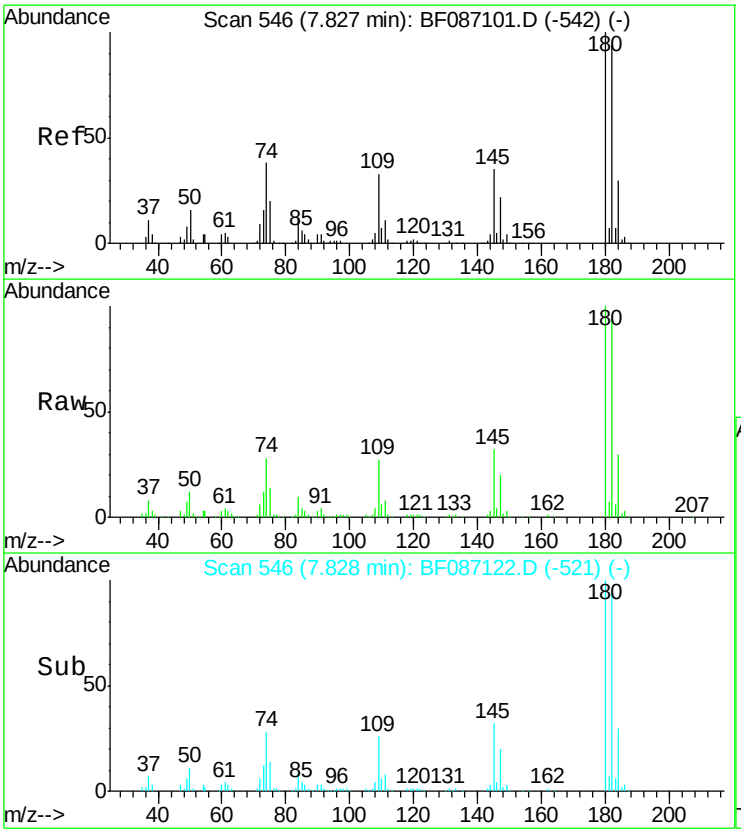

#29
2,4-Dichlorophenol
Concen: 41.18 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:162 Resp: 329029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 65.0 | 42.2 | 82.2 |
| 98 | 39.5 | 19.0 | 59.0 |

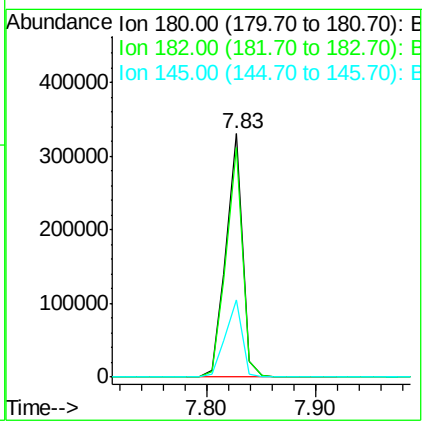


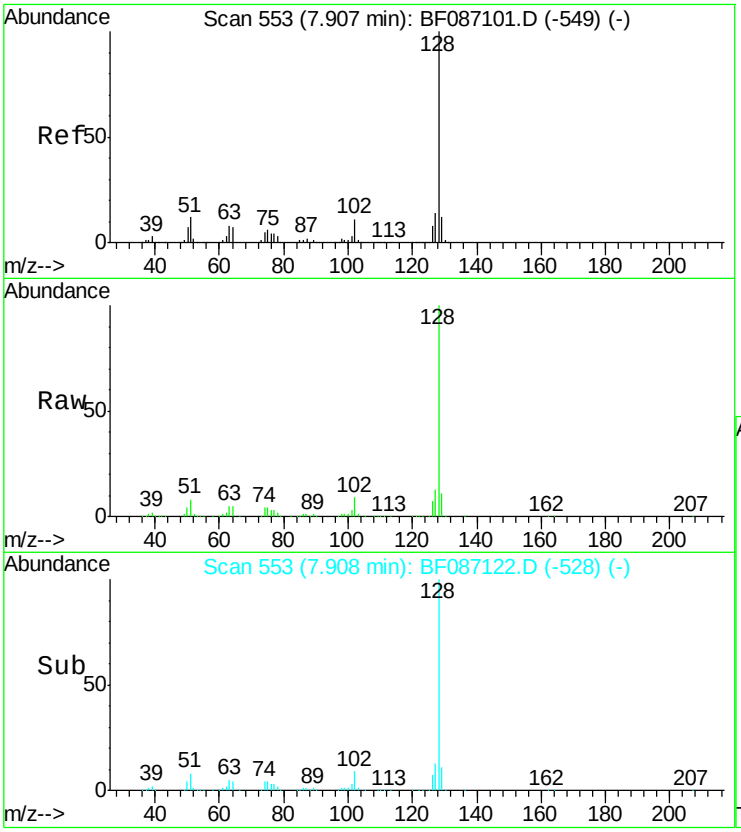




#30
1,2,4-Trichlorobenzene
Concen: 39.03 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:180 Resp: 346065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.1 | 78.0 | 117.0 |
| 145 | 31.6 | 24.2 | 36.2 |



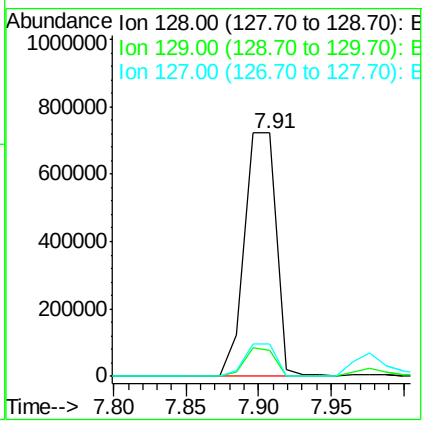


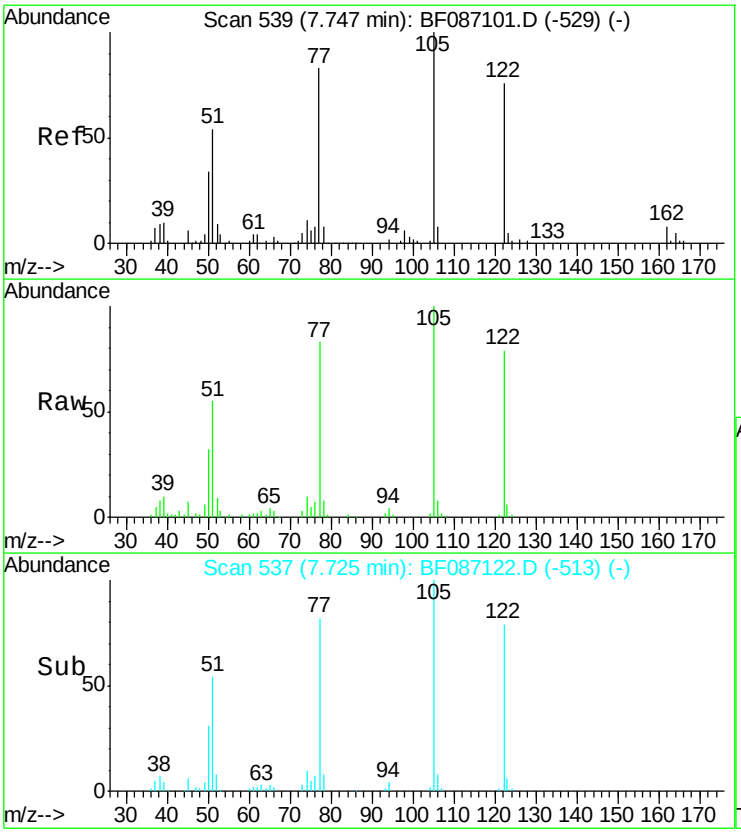

#31
Naphthalene
Concen: 38.33 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:128 Resp: 1096426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.6 | 13.0 |
| 127 | 13.1 | 10.8 | 16.2 |

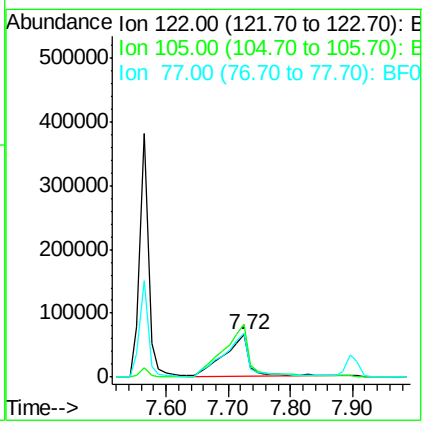


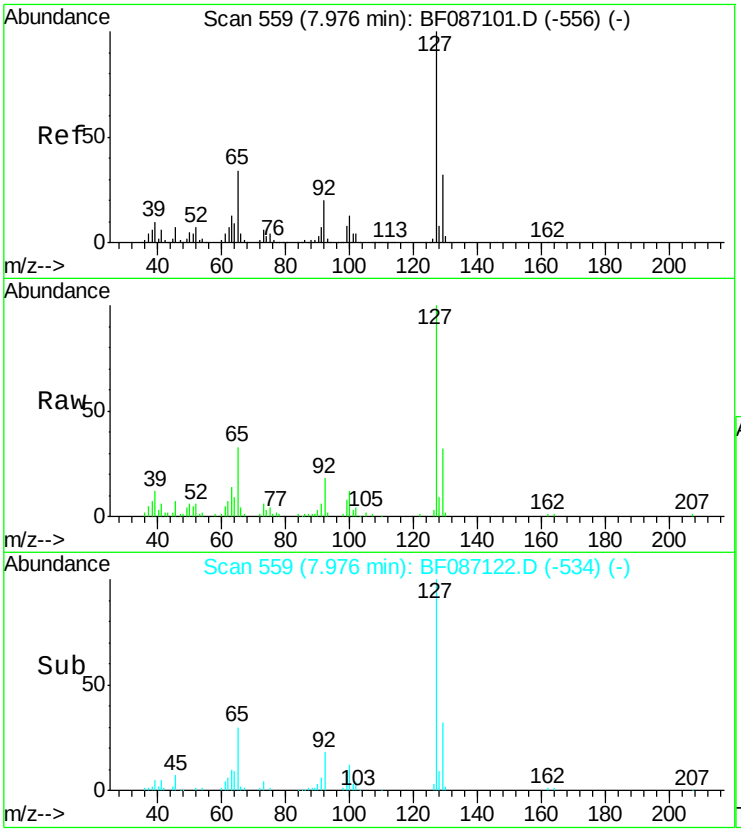




#32
Benzoic acid
Concen: 35.45 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:122 Resp: 191579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.1 | 92.6 | 132.6 |
| 77 | 105.2 | 60.0 | 100.0# |



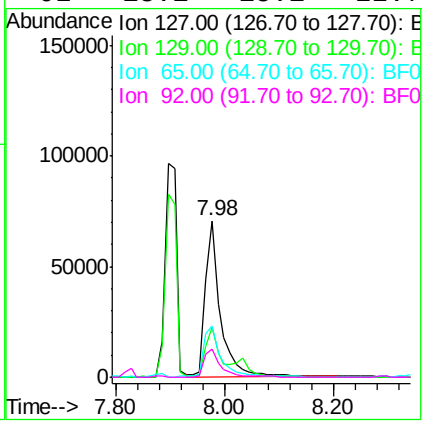


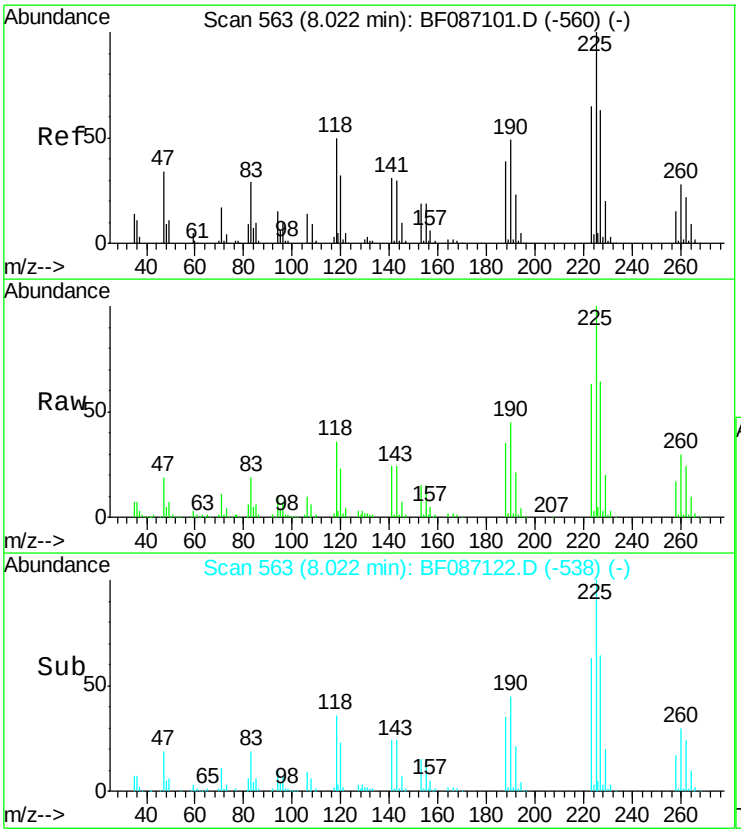

#33
4-Chloroaniline
Concen: 11.46 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:127 Resp: 136206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.2 | 26.2 | 39.4 |
| 65 | 32.7 | 23.0 | 34.4 |
| 92 | 18.1 | 15.1 | 22.7 |

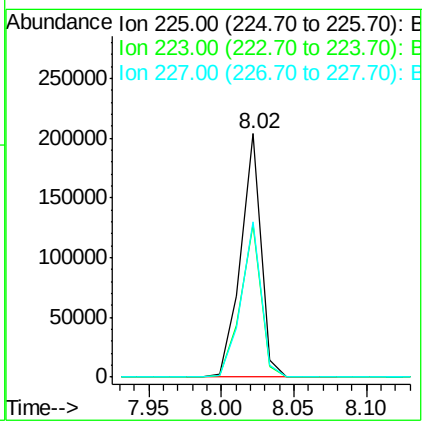


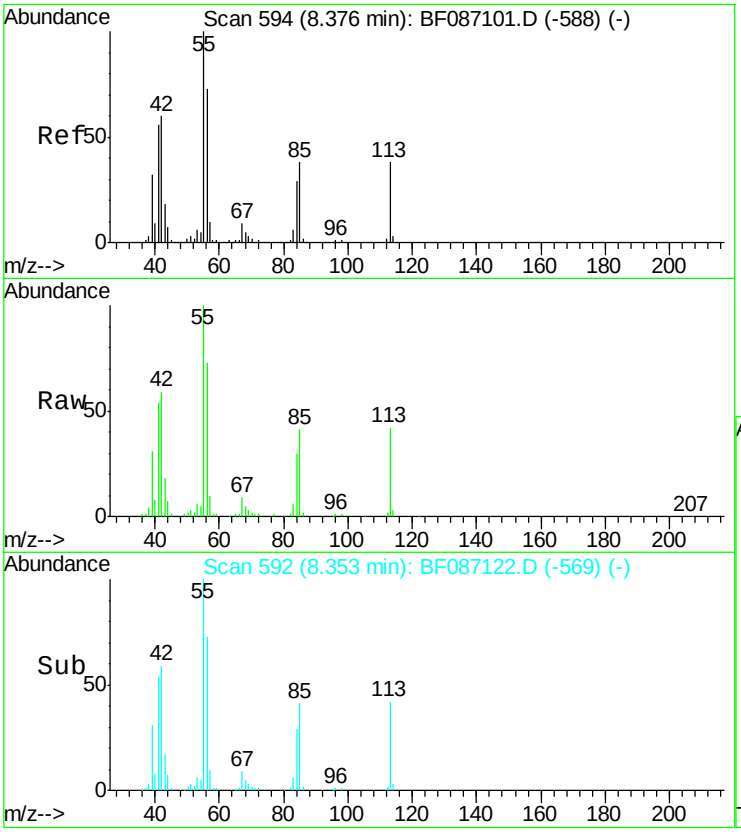




#34
Hexachlorobutadiene
Concen: 39.54 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:225 Resp: 198967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.7 | 51.5 | 77.3 |
| 227 | 63.5 | 52.2 | 78.2 |



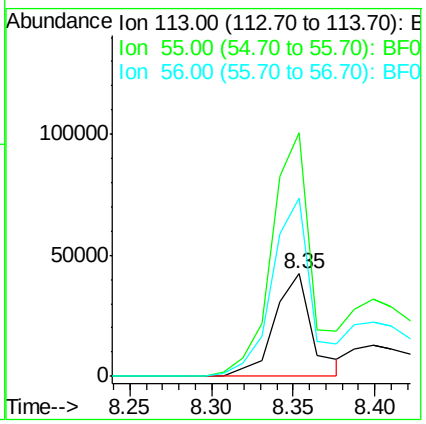


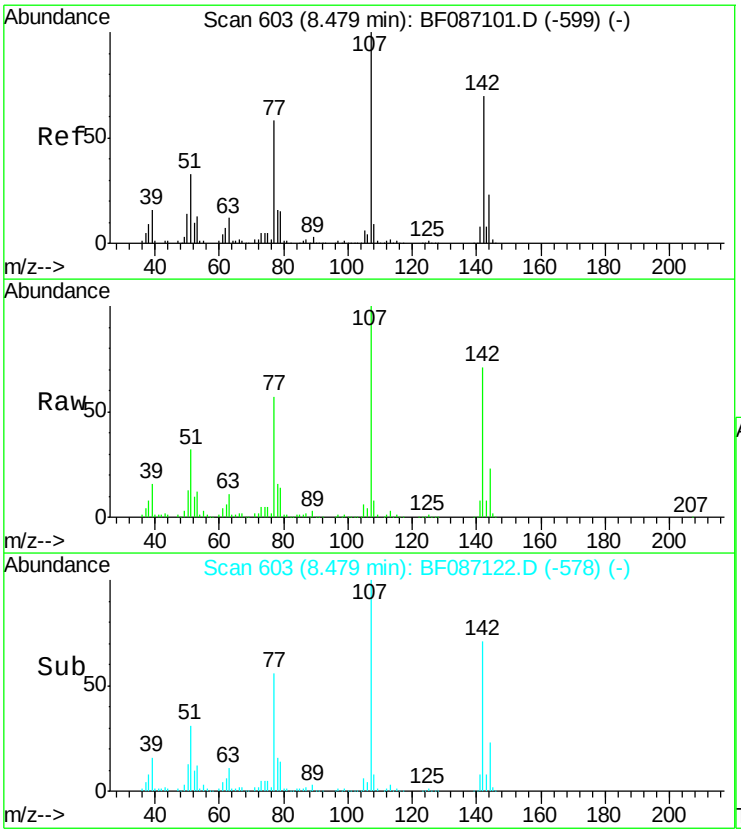

#35
Caprolactam
Concen: 25.49 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:113 Resp: 67818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 237.9 | 162.0 | 202.0# |
| 56 | 174.2 | 115.3 | 155.3# |

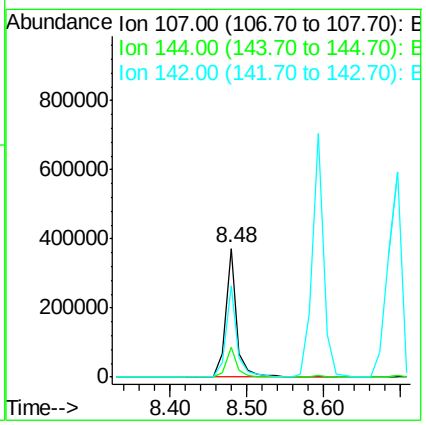


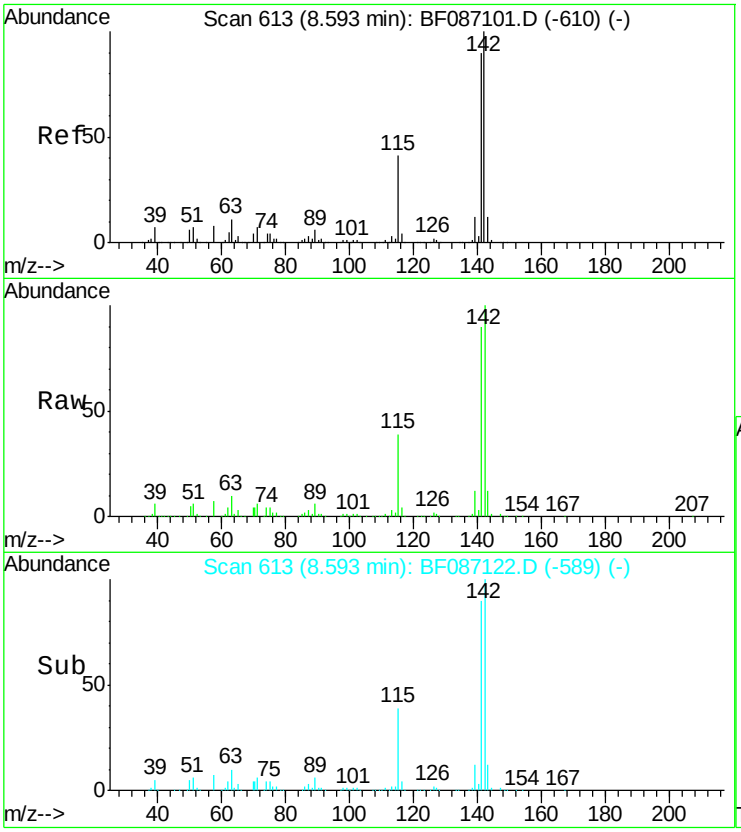




#36
4-Chloro-3-methylphenol
Concen: 39.74 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:107 Resp: 382973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 22.9 | 20.7 | 31.1 |
| 142 | 71.2 | 63.2 | 94.8 |



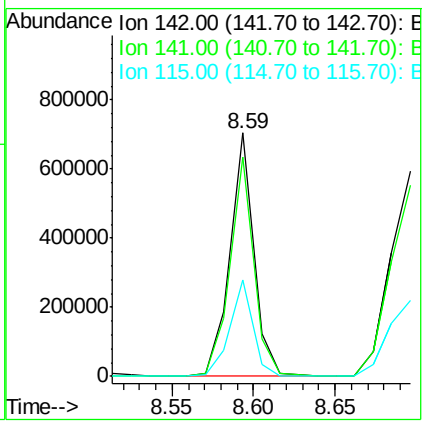


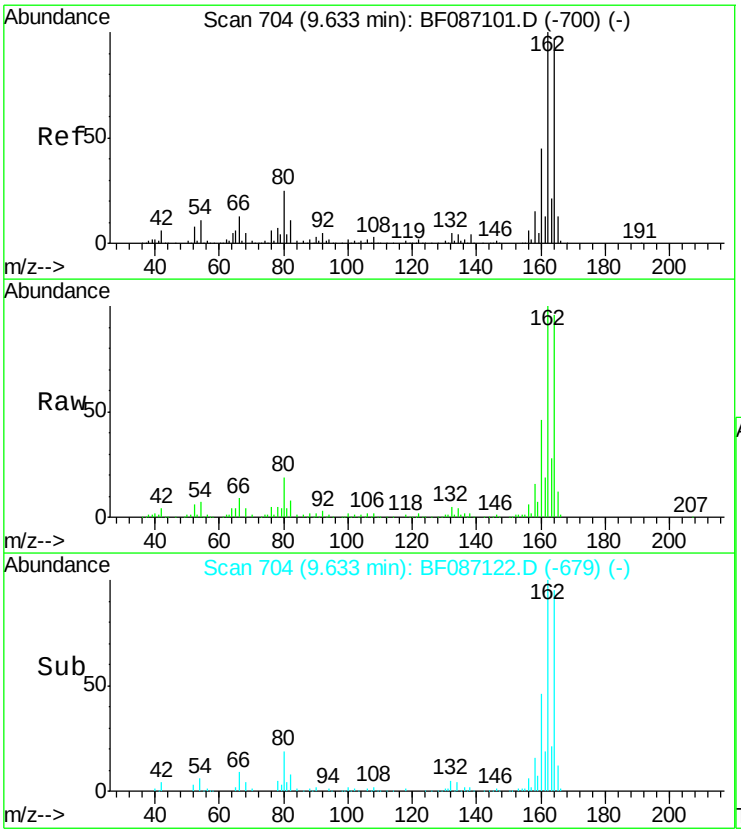

#37
2-Methylnaphthalene
Concen: 38.81 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:142 Resp: 710107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 71.0 | 106.6 |
| 115 | 39.5 | 26.6 | 39.8 |

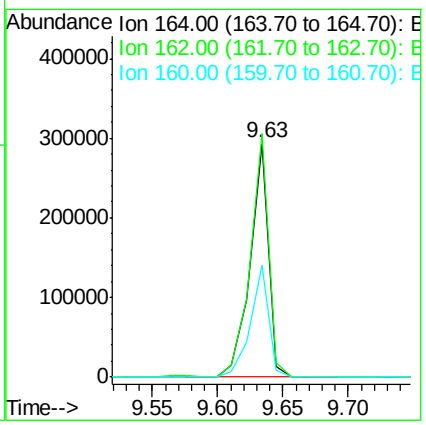


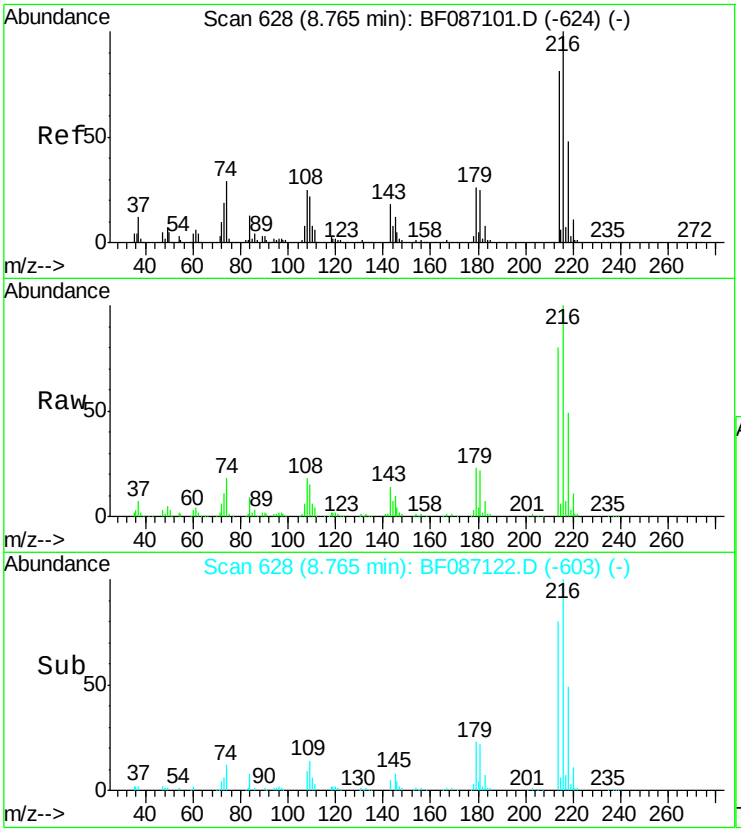




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:164 Resp: 287373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.3 | 82.8 | 124.2 |
| 160 | 47.9 | 36.9 | 55.3 |



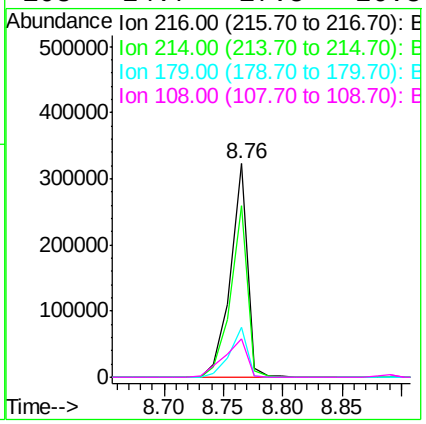


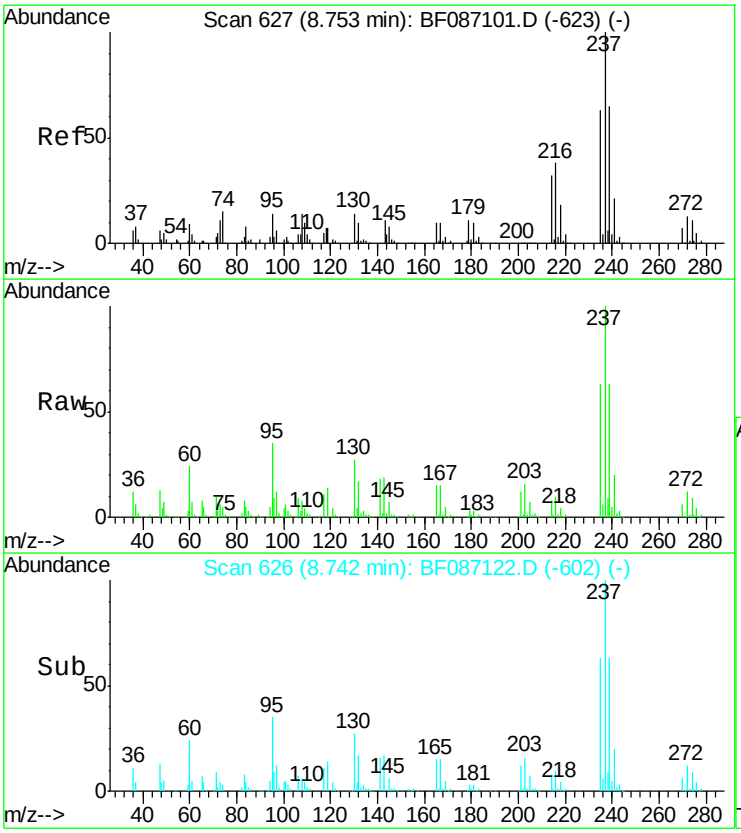

#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.42 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:216 Resp: 322454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 80.0 | 62.6 | 93.8 |
| 179 | 24.0 | 18.2 | 27.4 |
| 108 | 24.7 | 17.5 | 26.3 |

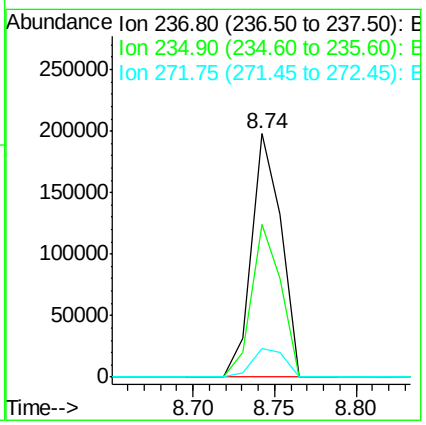


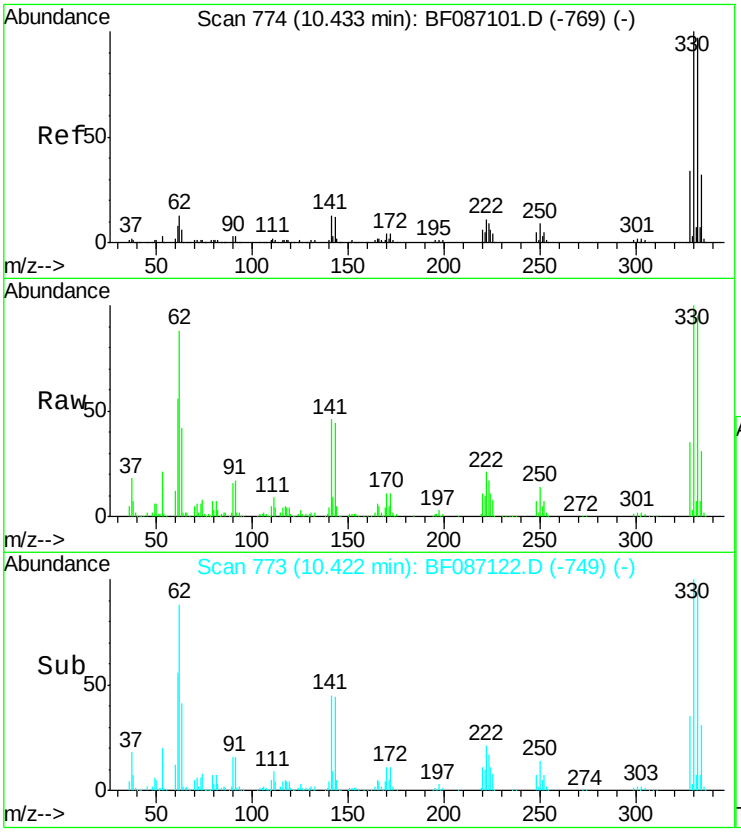




#40
Hexachlorocyclopentadiene
Concen: 77.10 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:237 Resp: 248883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.8 | 47.2 | 87.2 |
| 272 | 11.5 | 0.0 | 31.1 |



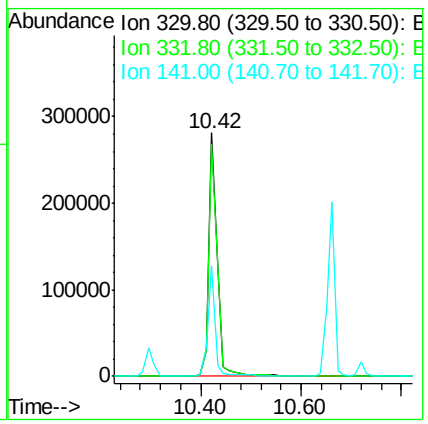


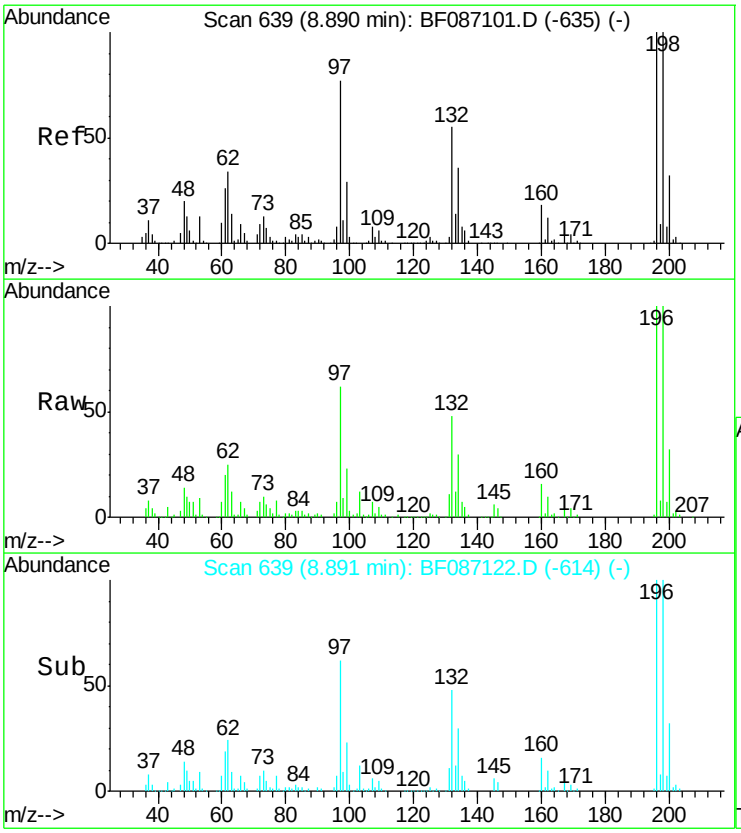

#41
2,4,6-Tribromophenol
Concen: 104.30 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:330 Resp: 331205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 79.0 | 118.4 |
| 141 | 38.2 | 31.2 | 46.8 |

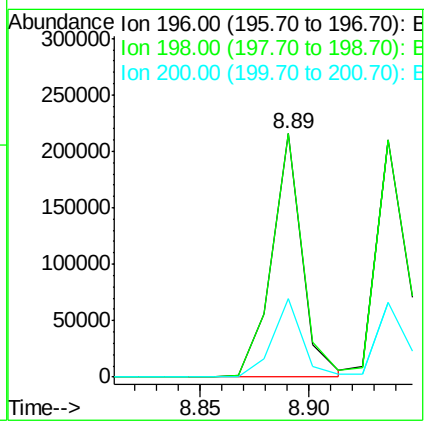


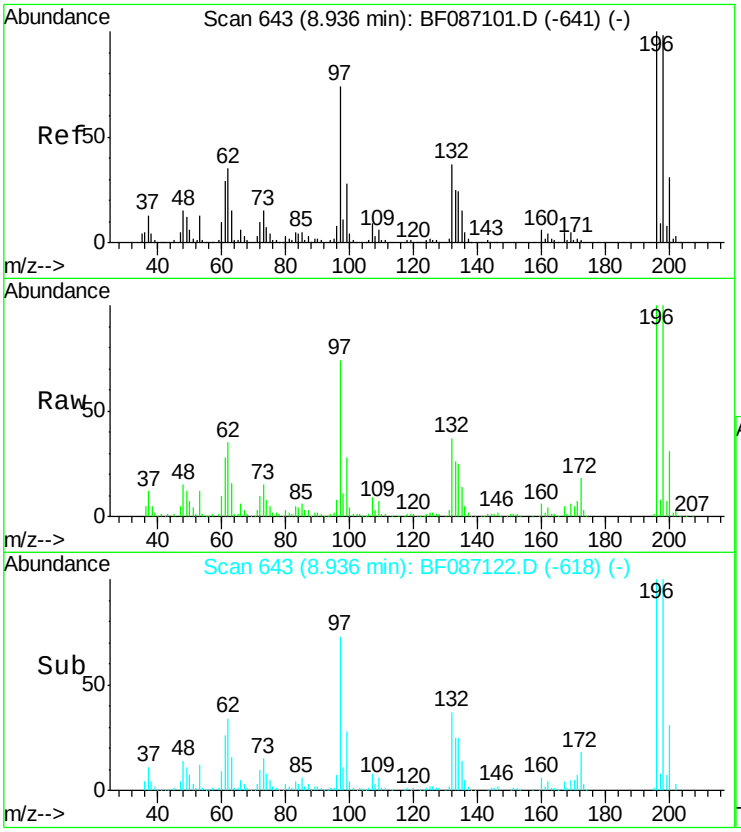




#42
2,4,6-Trichlorophenol
Concen: 38.95 ng
RT: 8.89 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:196 Resp: 211997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.0 | 74.7 | 112.1 |
| 200 | 32.2 | 23.8 | 35.6 |



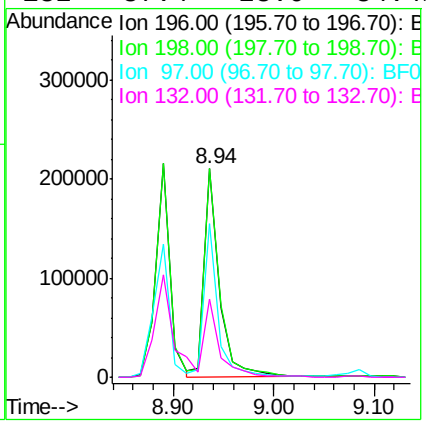


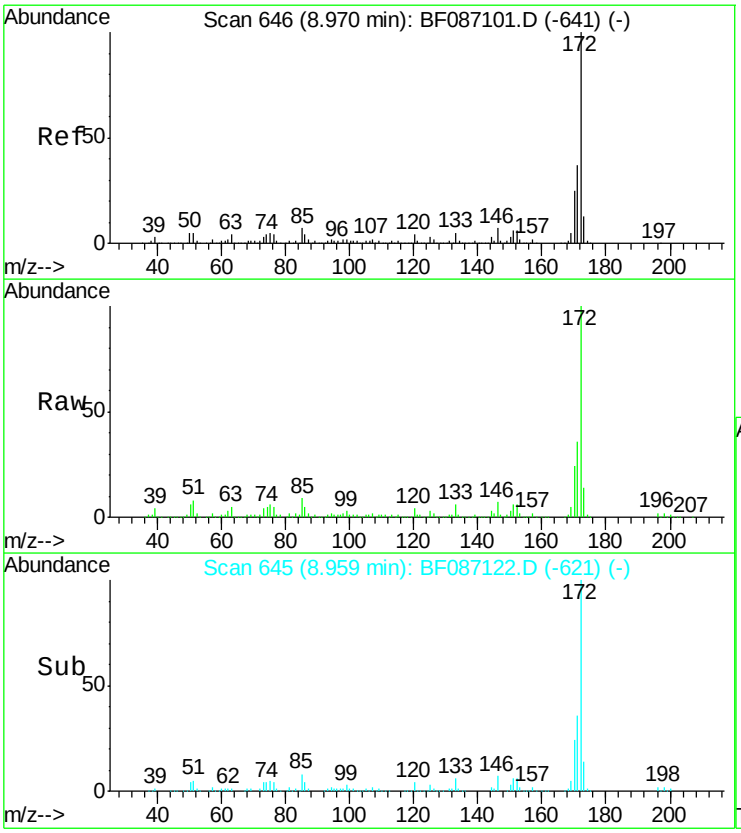

#43
2,4,5-Trichlorophenol
Concen: 39.57 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:196 Resp: 223776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.1 | 77.5 | 116.3 |
| 97 | 73.7 | 34.8 | 52.2# |
| 132 | 37.4 | 23.0 | 34.4# |

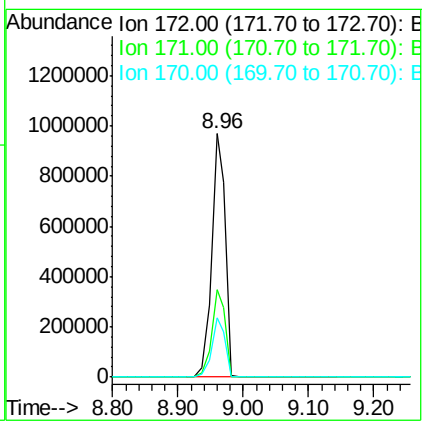


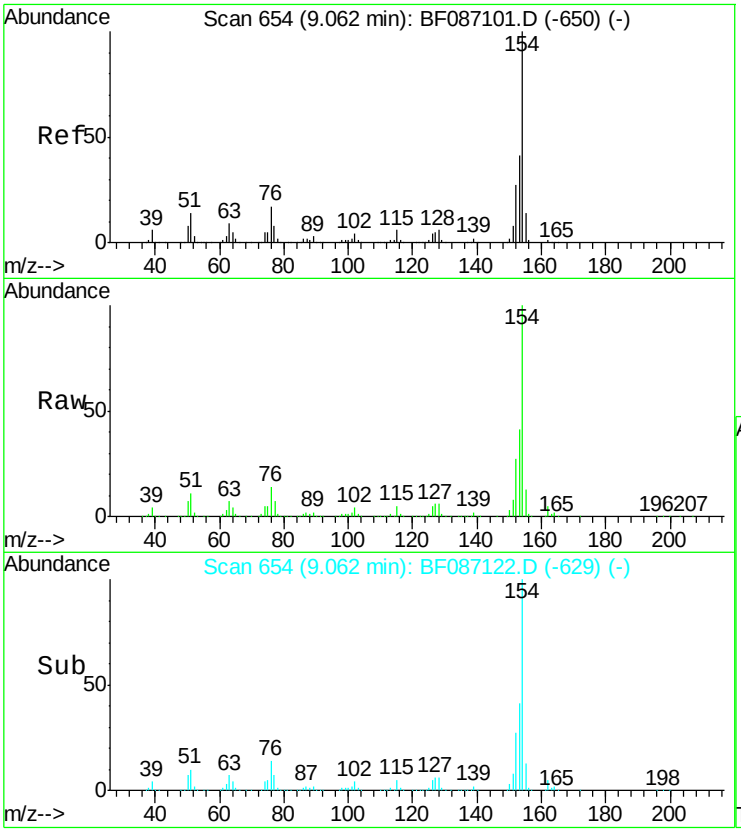




#44
2-Fluorobiphenyl
Concen: 82.42 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:172 Resp: 1430120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.0 | 43.6 |
| 170 | 24.5 | 19.8 | 29.8 |



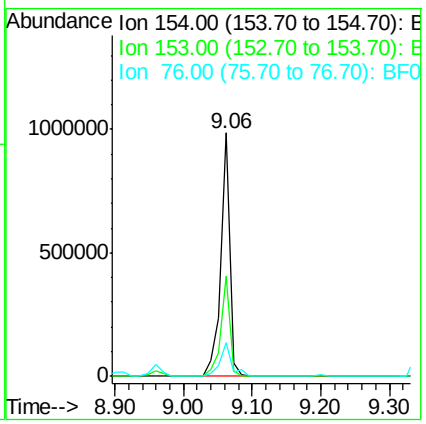


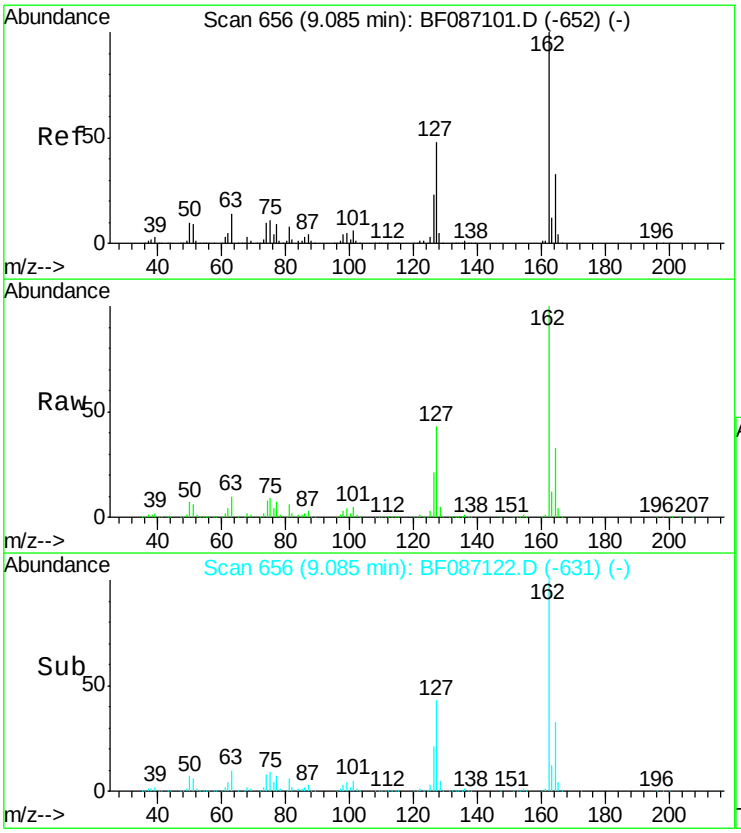

#45
1,1'-Biphenyl
Concen: 38.89 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:154 Resp: 926621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 20.3 | 60.3 |
| 76 | 13.8 | 0.0 | 30.2 |

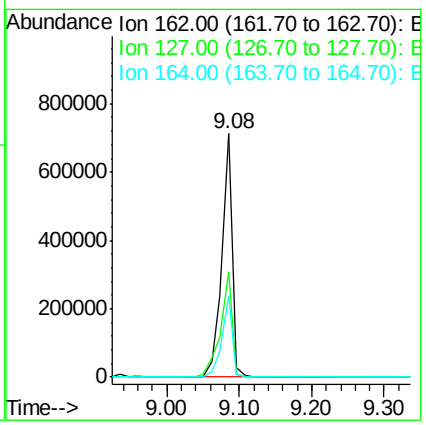


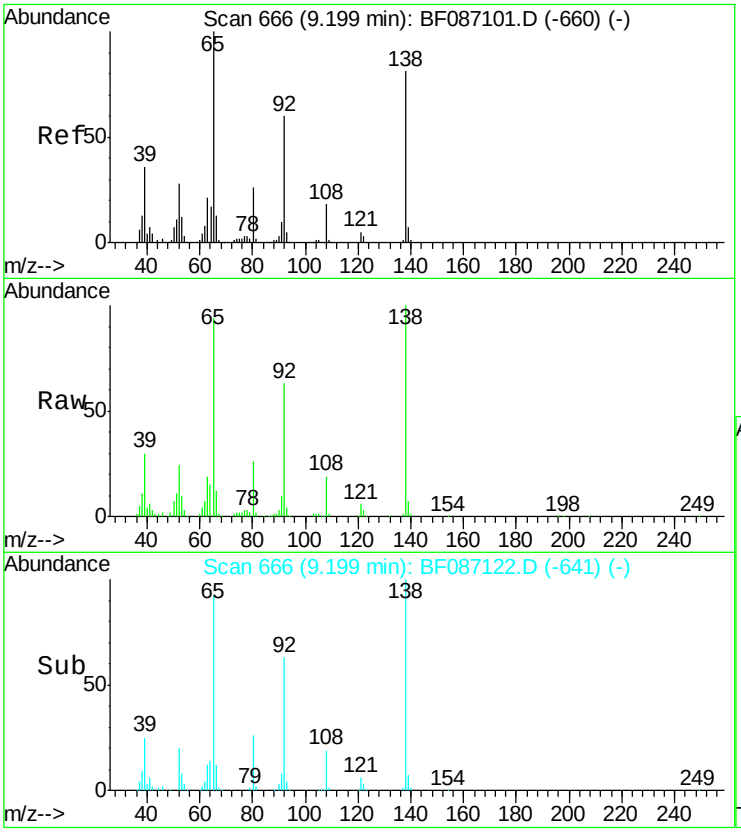




#46
2-Chloronaphthalene
Concen: 38.78 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:162 Resp: 709430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 43.0 | 31.8 | 47.6 |
| 164 | 33.0 | 27.0 | 40.6 |



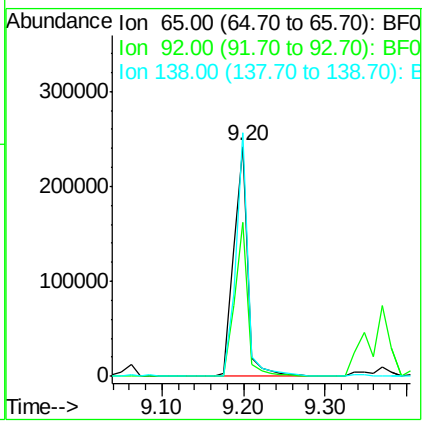


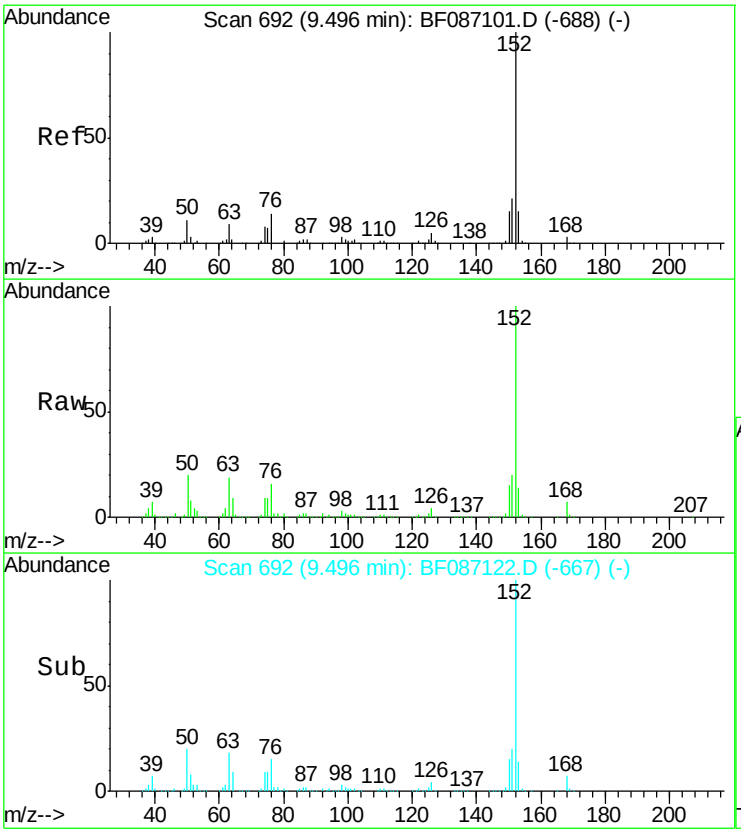

#47
2-Nitroaniline
Concen: 41.42 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion: 65 Resp: 290362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.8 | 57.4 | 86.2 |
| 138 | 105.9 | 90.1 | 135.1 |

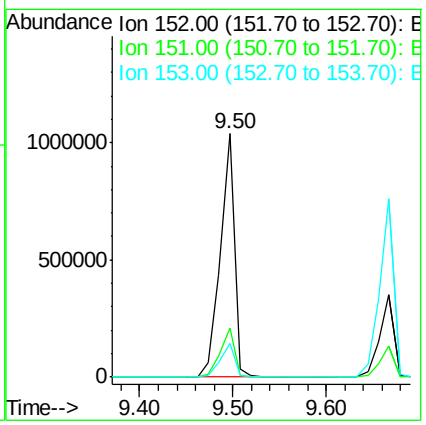


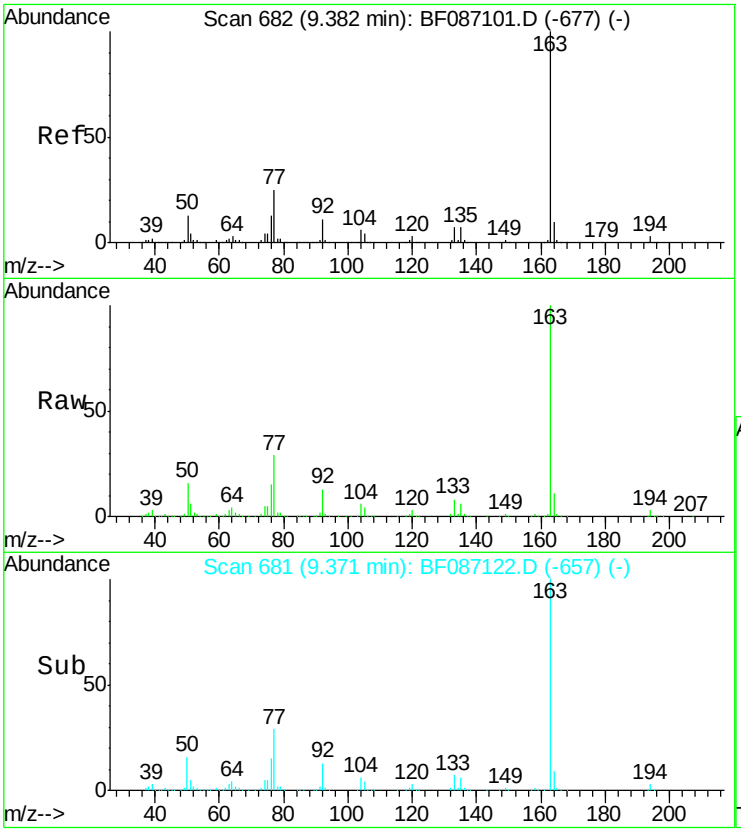




#48
Acenaphthylene
Concen: 38.96 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:152 Resp: 1088271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.8 | 25.2 |
| 153 | 13.8 | 10.9 | 16.3 |



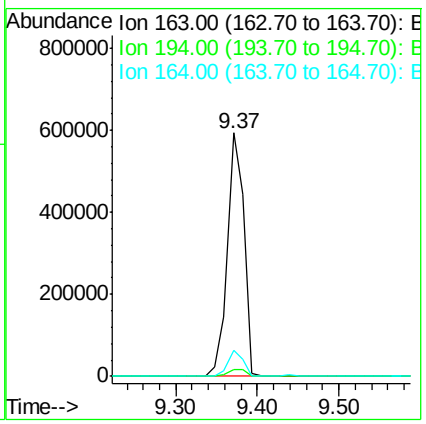


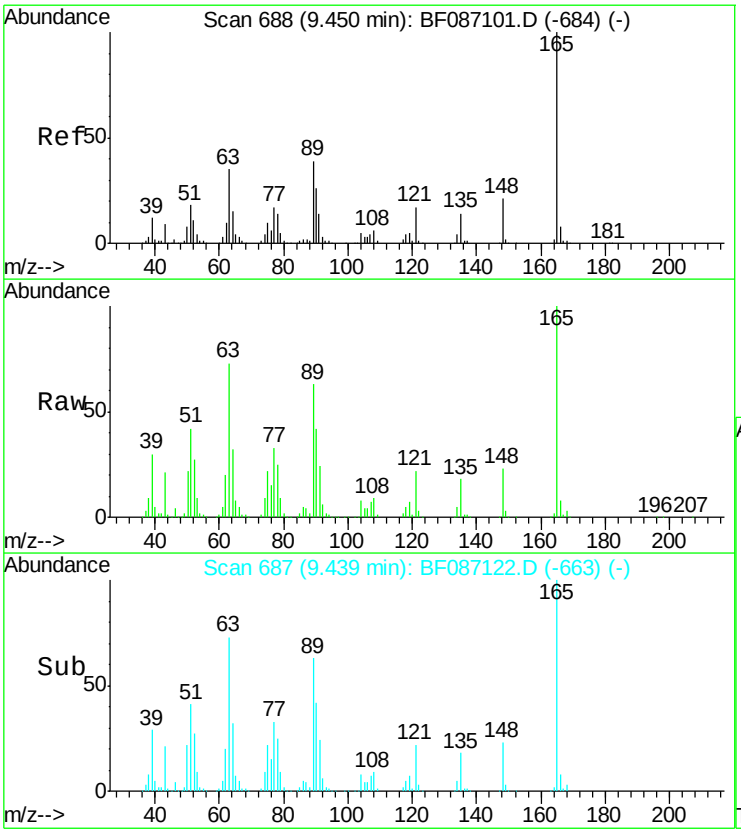

#49
Dimethylphthalate
Concen: 38.09 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:163 Resp: 834947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.0 | 2.6 | 4.0 |
| 164 | 10.7 | 8.2 | 12.4 |

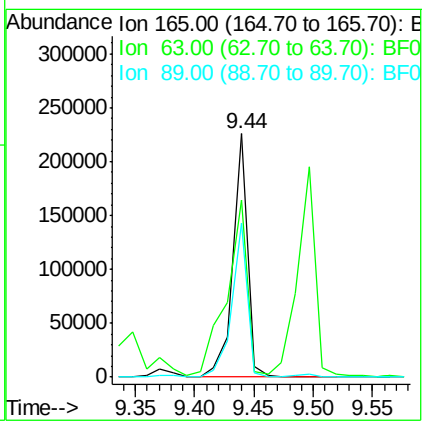


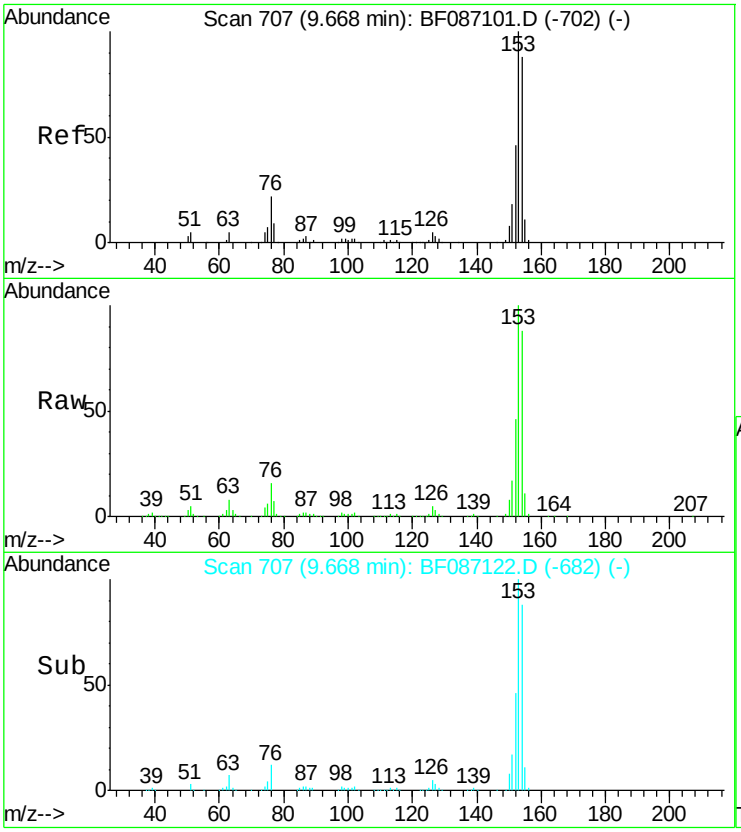




#50
2,6-Dinitrotoluene
Concen: 40.85 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:165 Resp: 194426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 73.0 | 51.8 | 77.8 |
| 89 | 63.4 | 50.7 | 76.1 |



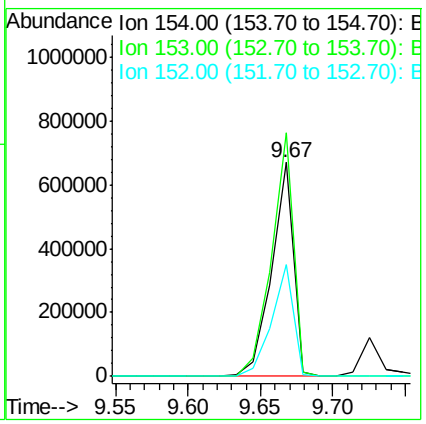


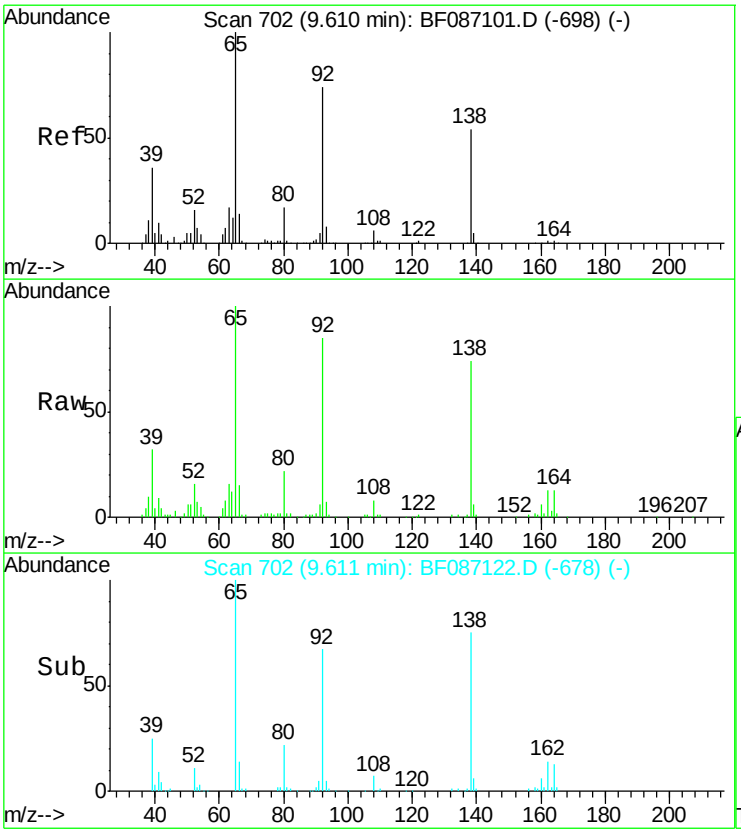

#51
Acenaphthene
Concen: 40.12 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:154 Resp: 700067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.9 | 89.8 | 134.6 |
| 152 | 52.4 | 43.4 | 65.0 |

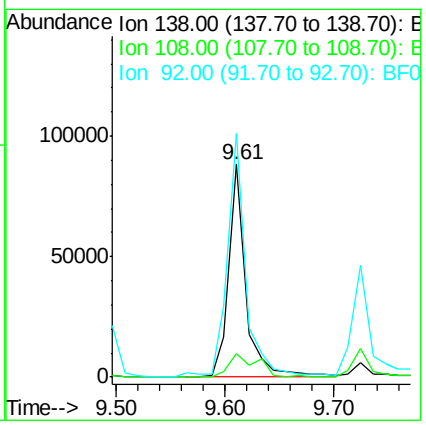


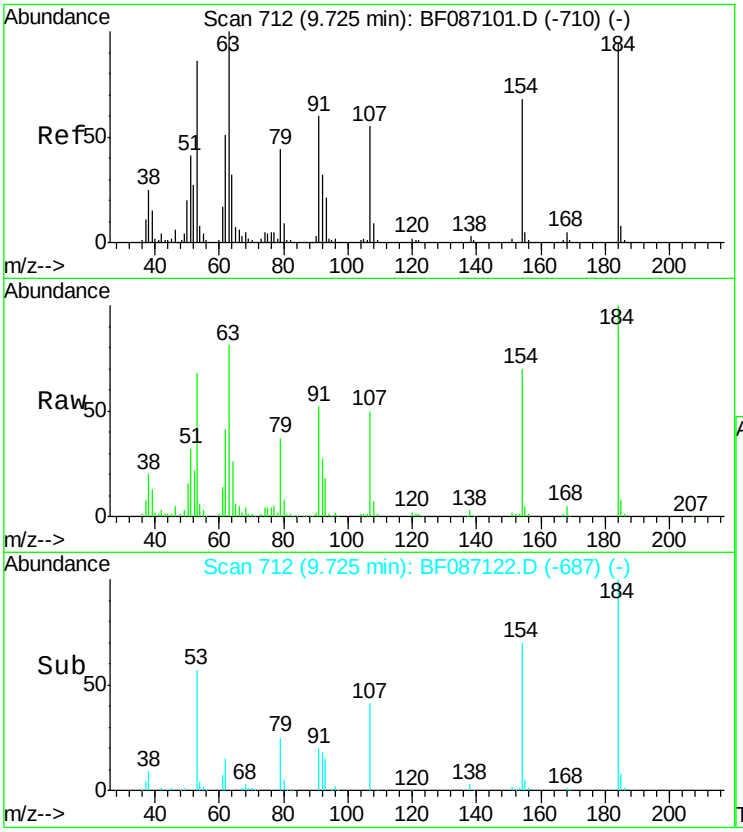




#52
3-Nitroaniline
Concen: 18.62 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:138 Resp: 95943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.9 | 7.8 | 11.6 |
| 92 | 114.7 | 87.8 | 131.8 |



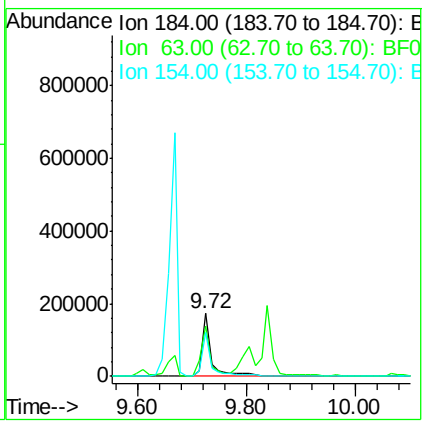


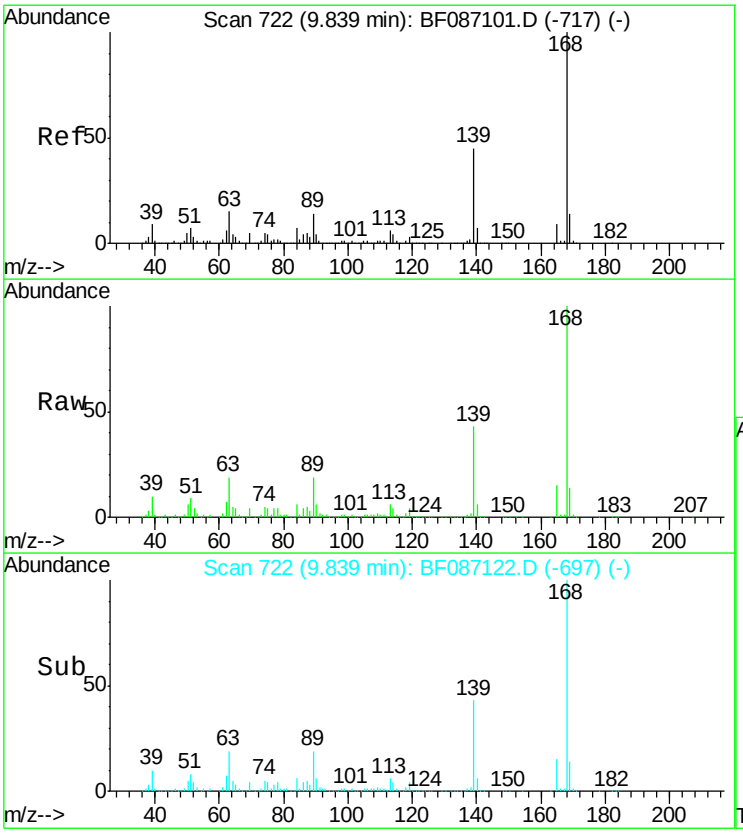

#53
2,4-Dinitrophenol
Concen: 75.94 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:184 Resp: 206437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 81.0 | 55.8 | 83.8 |
| 154 | 69.9 | 62.4 | 93.6 |

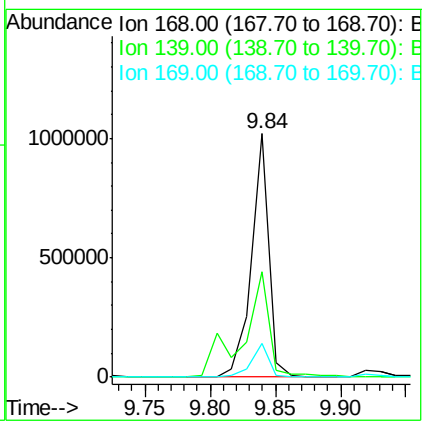


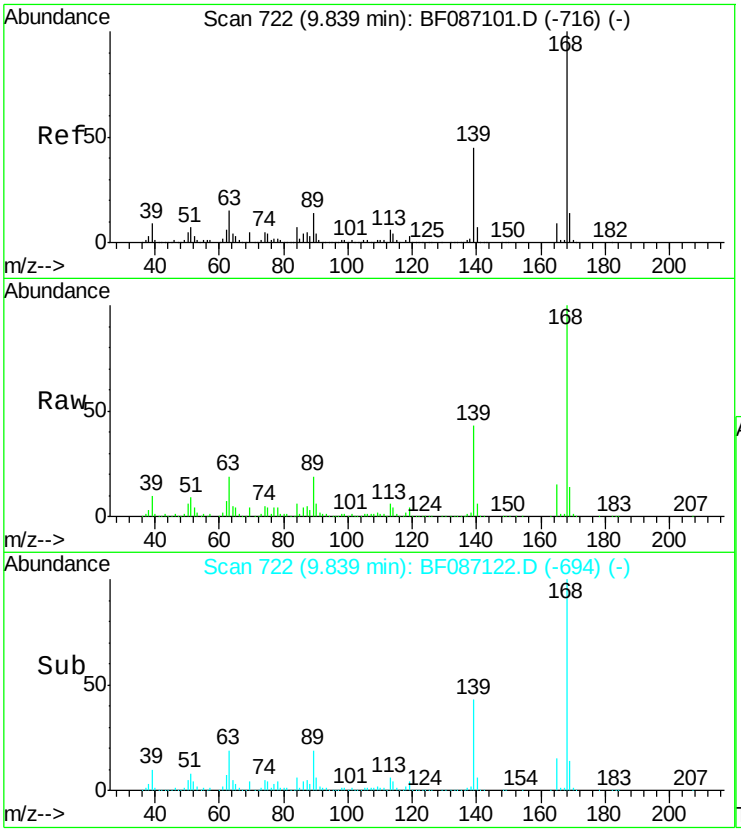




#54
Dibenzofuran
Concen: 41.86 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:168 Resp: 944633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.3 | 31.4 | 47.0 |
| 169 | 13.6 | 10.7 | 16.1 |



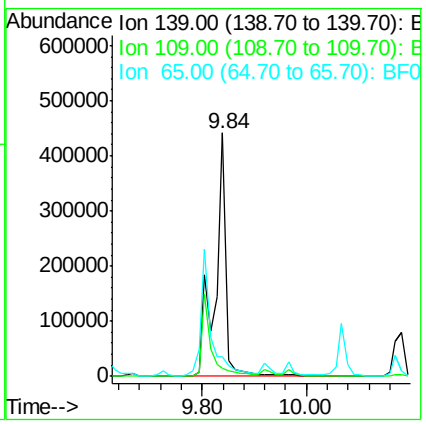


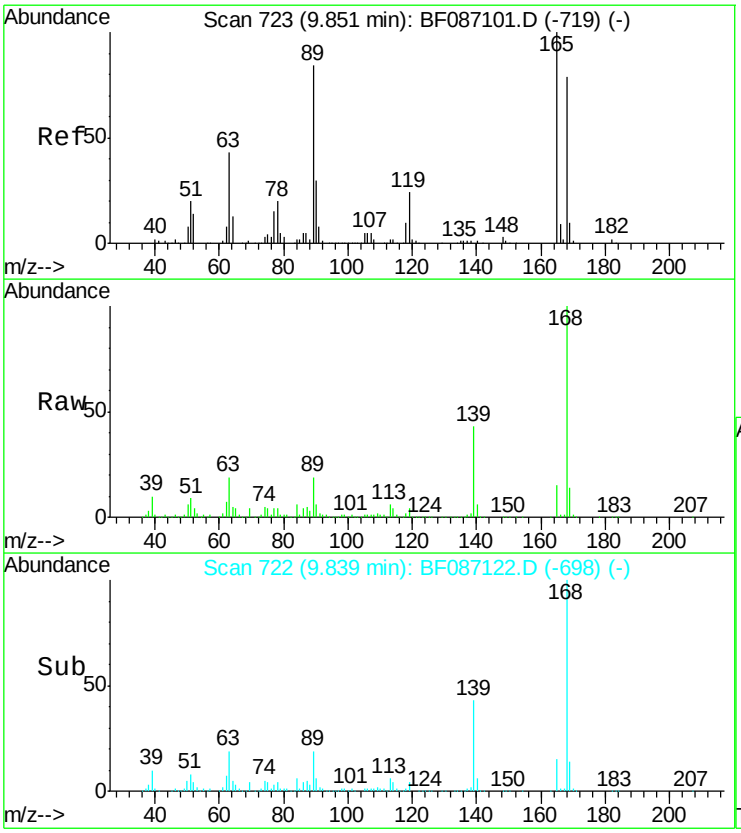

#55
4-Nitrophenol
Concen: 123.90 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:139 Resp: 654781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 3.6 | 36.9 | 76.9# |
| 65 | 8.1 | 64.0 | 104.0# |

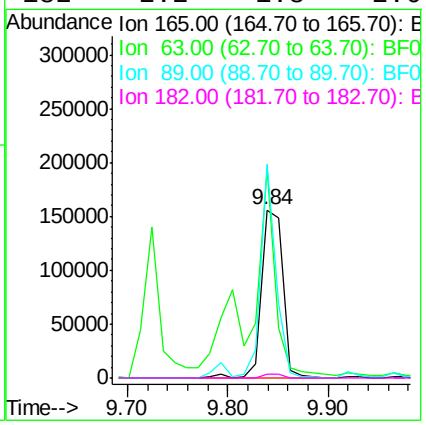


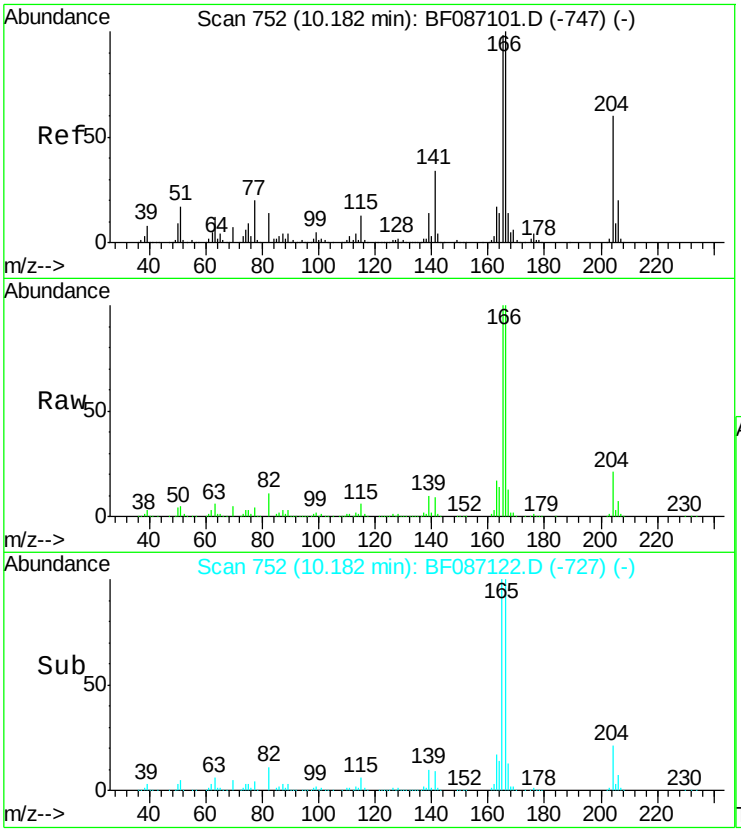




#56
2,4-Dinitrotoluene
Concen: 37.61 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:165 Resp: 229262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 124.0 | 44.3 | 66.5# |
| 89 | 127.3 | 70.0 | 105.0# |
| 182 | 2.2 | 1.8 | 2.6 |



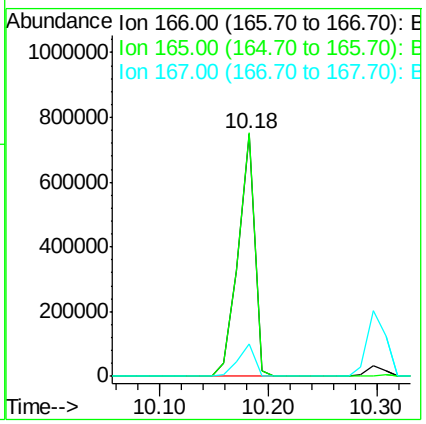


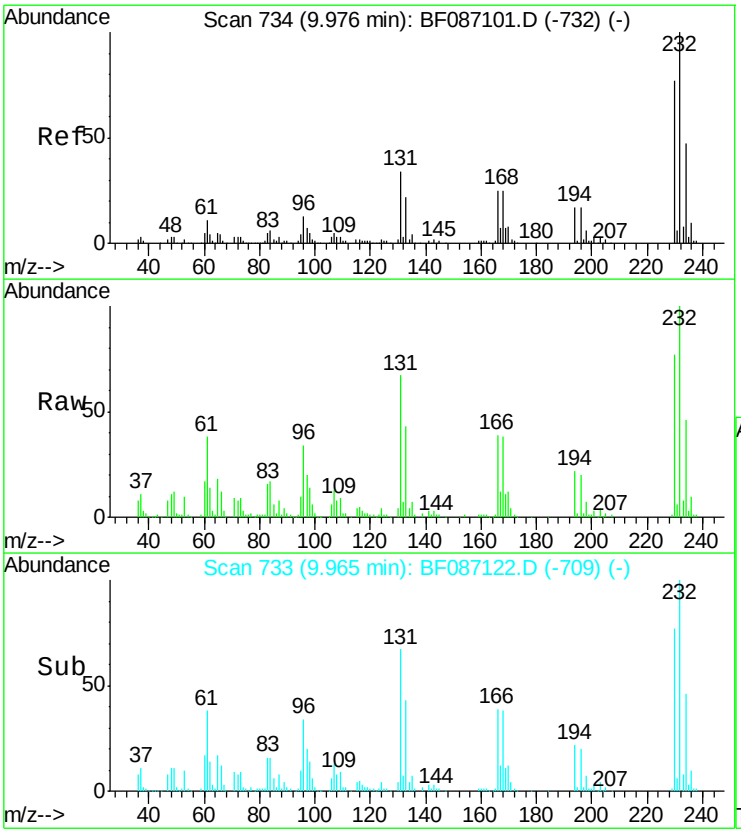

#57
Fluorene
Concen: 43.24 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:166 Resp: 783895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.3 | 79.0 | 118.6 |
| 167 | 13.4 | 10.6 | 15.8 |

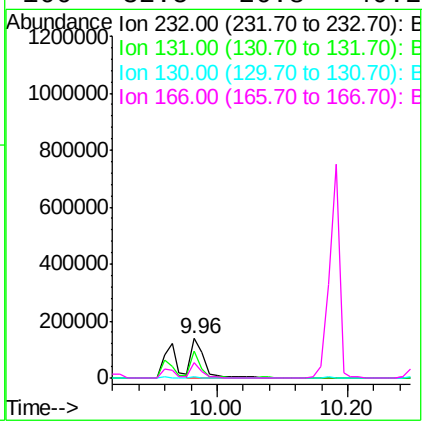


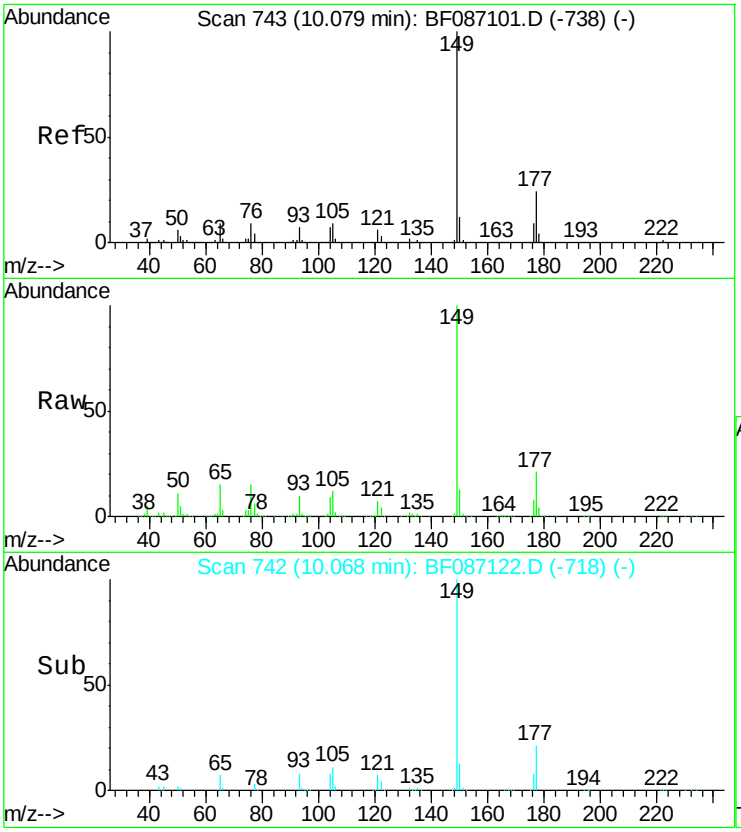




#58
2,3,4,6-Tetrachlorophenol
Concen: 43.23 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:232 Resp: 190386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 53.8 | 41.9 | 62.9 |
| 130 | 2.9 | 2.2 | 3.4 |
| 166 | 32.5 | 26.8 | 40.2 |



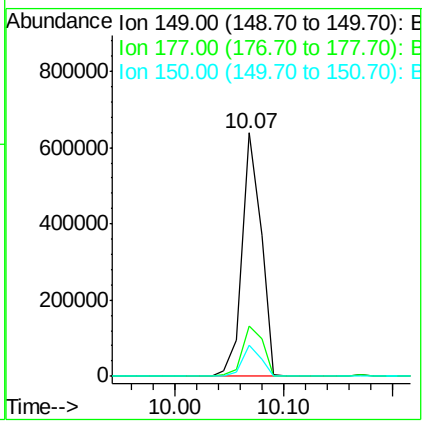


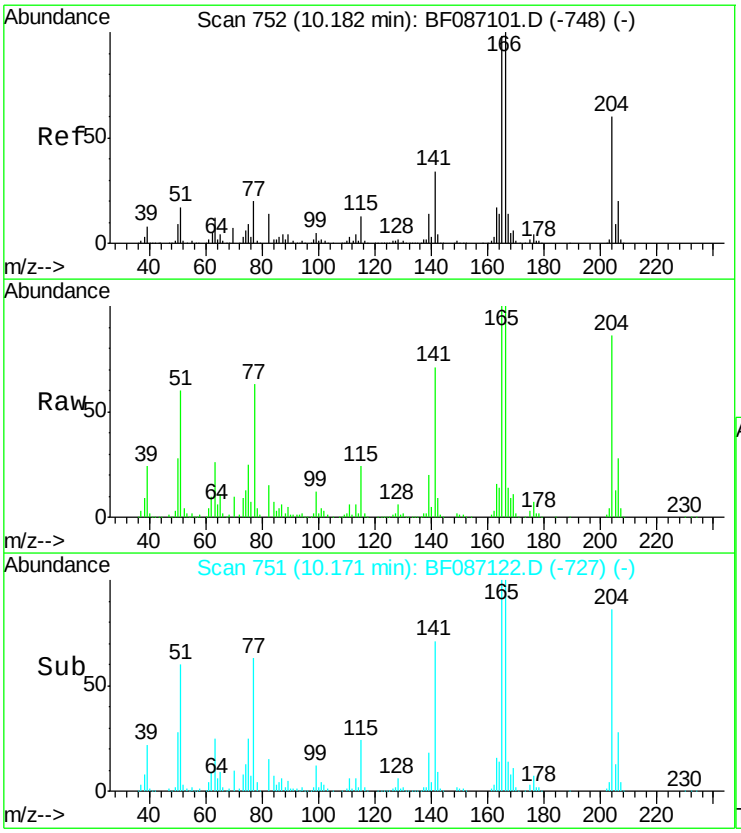

#59
Diethylphthalate
Concen: 37.01 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:149 Resp: 774537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.6 | 16.6 | 24.8 |
| 150 | 13.0 | 10.0 | 15.0 |

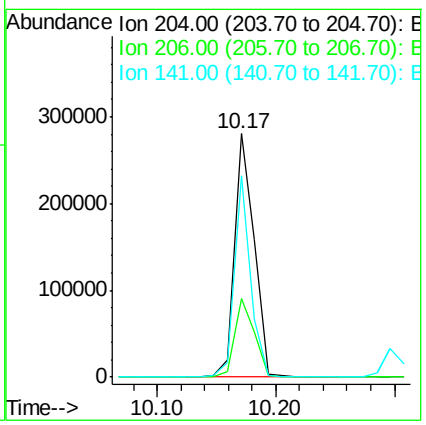


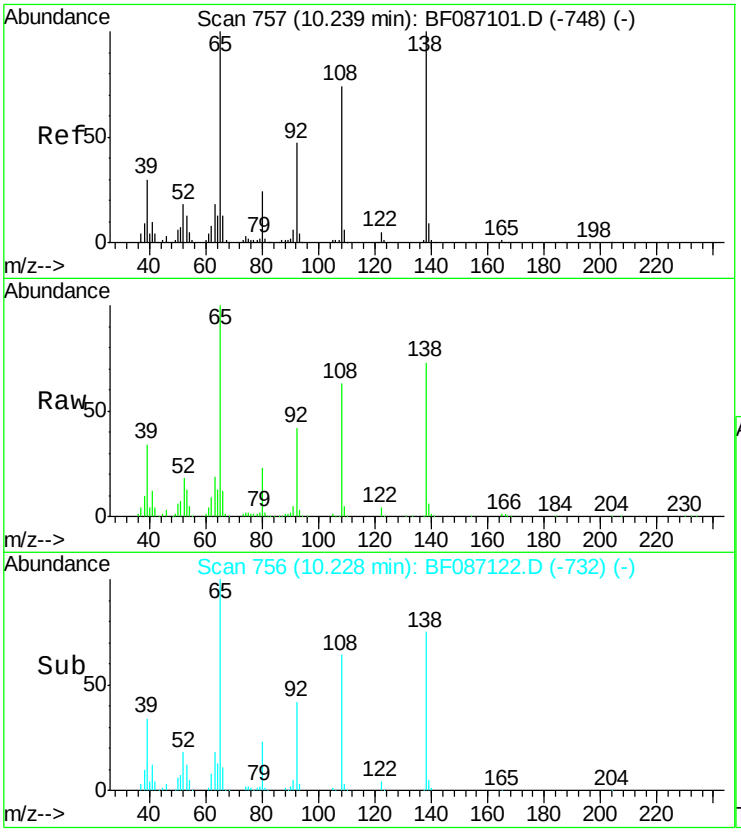




#60
4-Chlorophenyl-phenylether
Concen: 37.10 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:204 Resp: 318808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 25.4 | 38.0 |
| 141 | 82.8 | 61.6 | 92.4 |



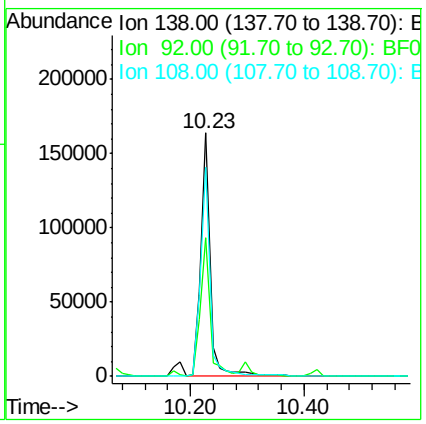


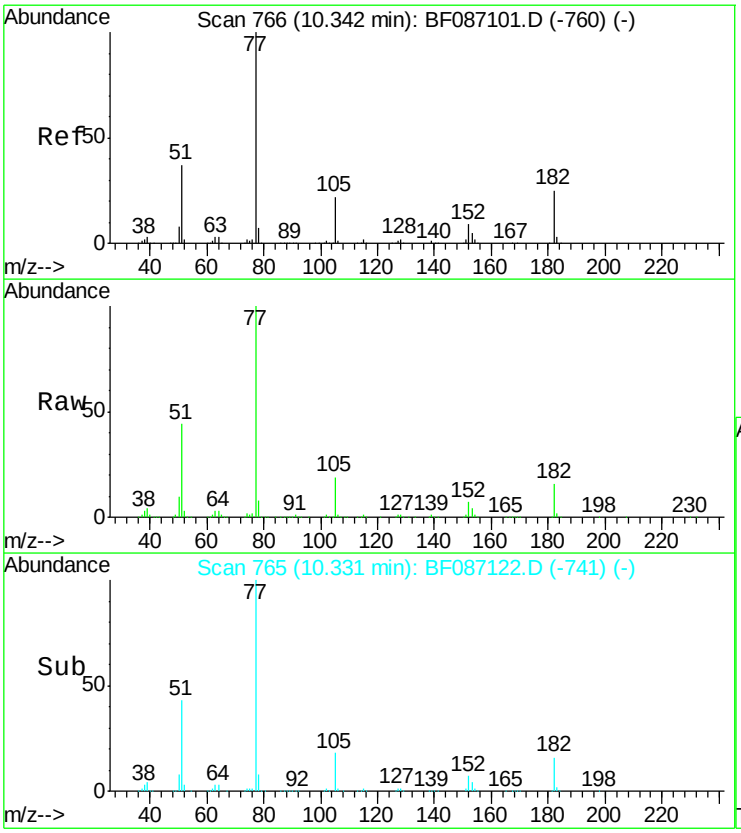

#61
4-Nitroaniline
Concen: 35.97 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:138 Resp: 182993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 56.9 | 24.7 | 64.7 |
| 108 | 85.8 | 37.4 | 77.4# |

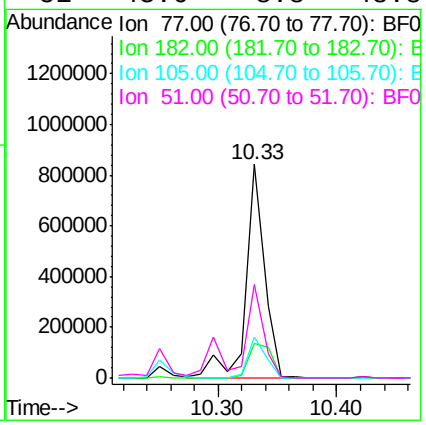


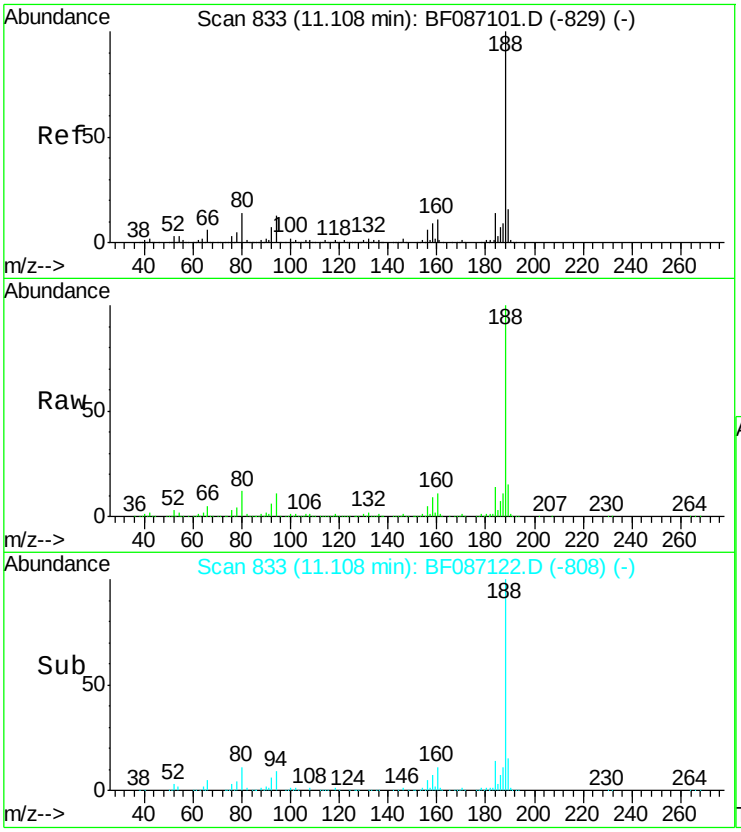




#62
Azobenzene
Concen: 38.58 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion: 77 Resp: 930359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 16.0 | 0.0 | 38.8 |
| 105 | 19.5 | 3.2 | 43.2 |
| 51 | 43.6 | 8.8 | 48.8 |



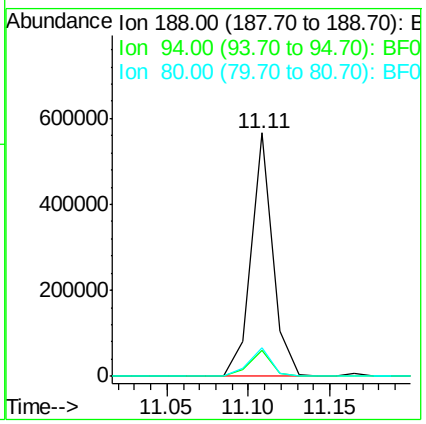


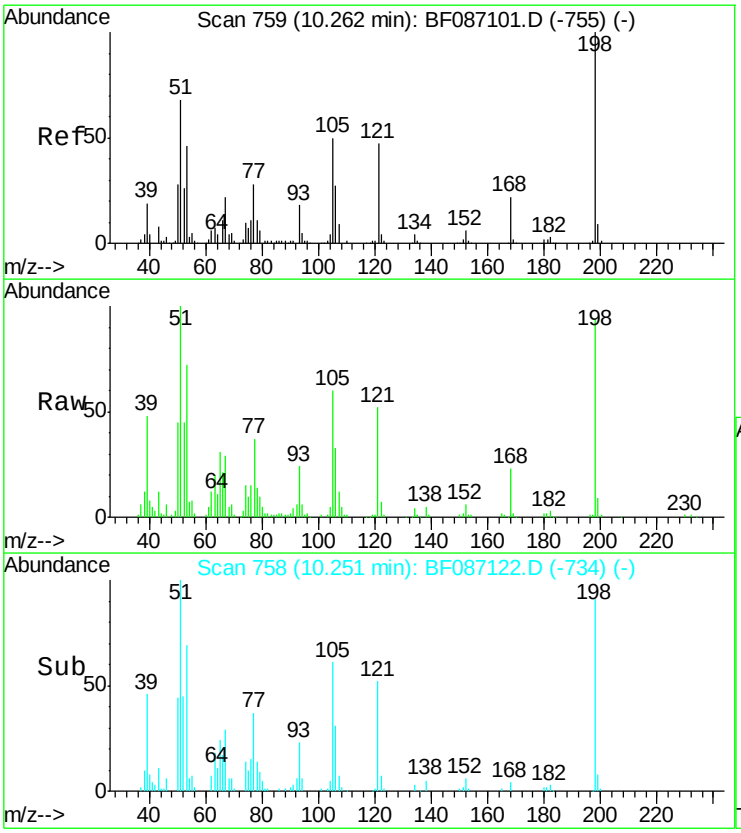

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:188 Resp: 523098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 6.8 | 10.2# |
| 80 | 11.5 | 7.1 | 10.7# |

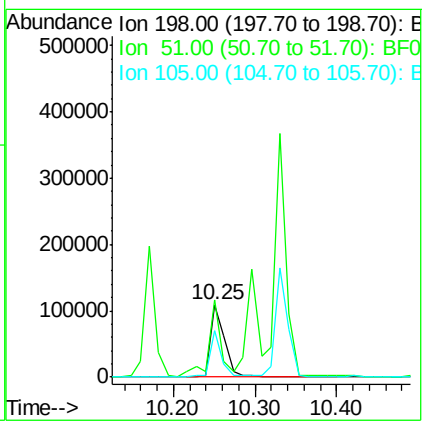


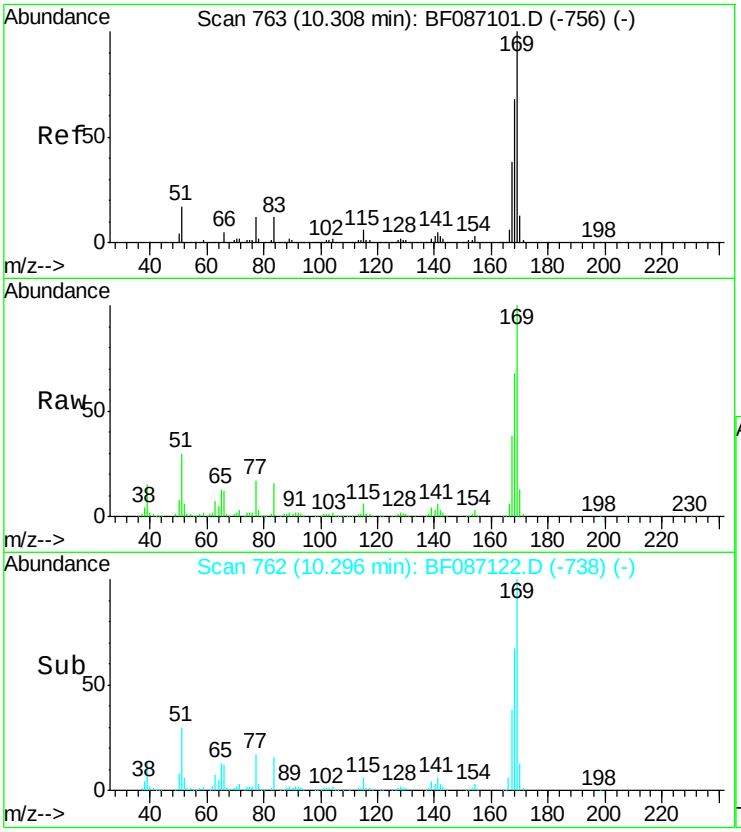




#64
4,6-Dinitro-2-methylphenol
Concen: 38.95 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:198 Resp: 134193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 106.0 | 20.5 | 60.5# |
| 105 | 63.6 | 24.5 | 64.5 |



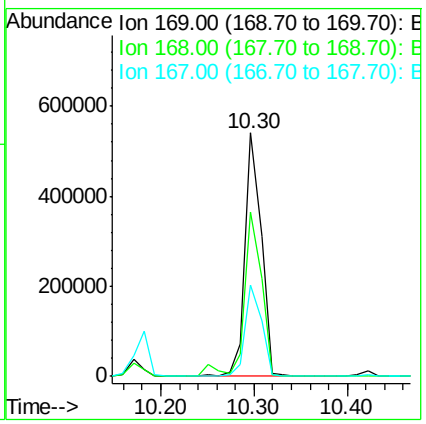


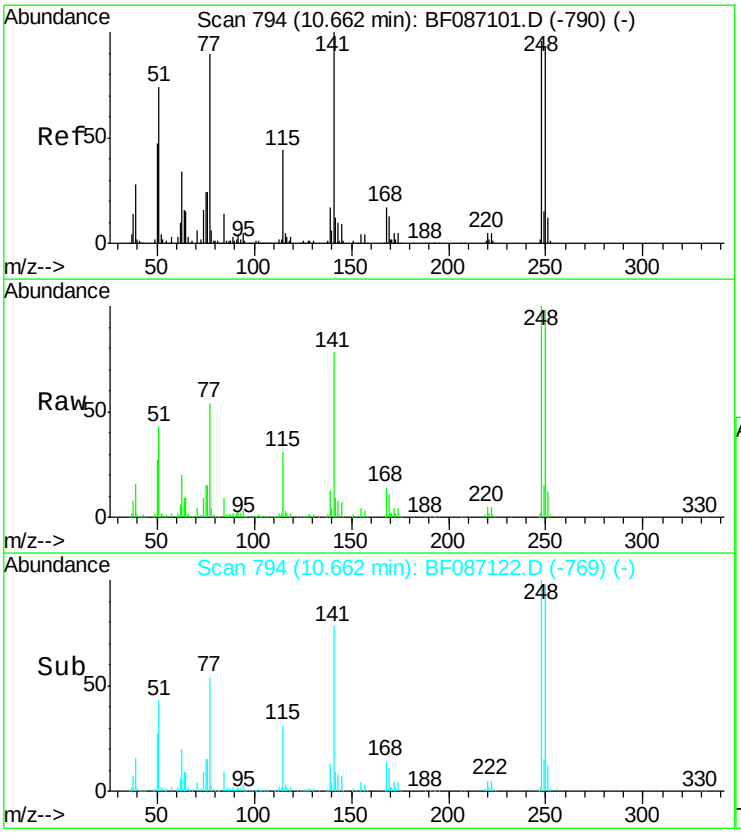

#65
n-Nitrosodiphenylamine
Concen: 39.57 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:169 Resp: 651305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.6 | 53.8 | 80.6 |
| 167 | 37.6 | 29.5 | 44.3 |

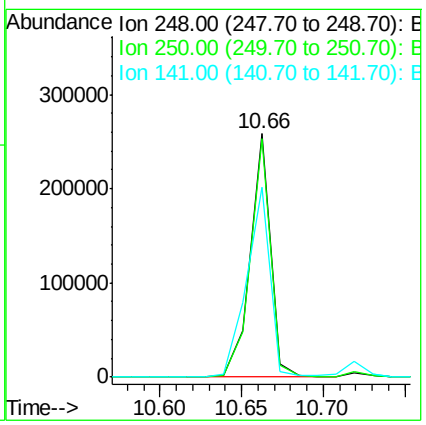


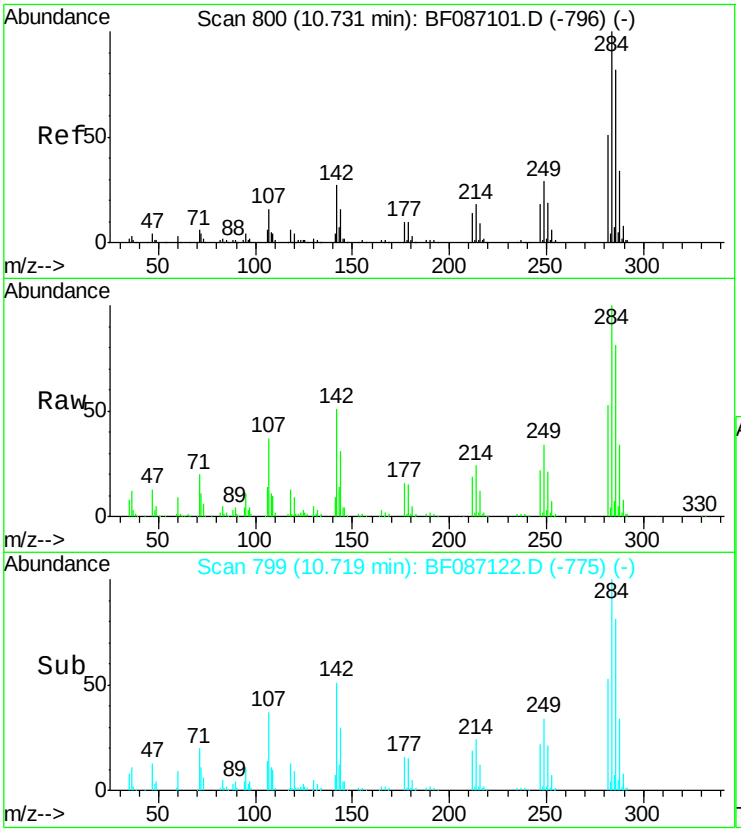




#66
4-Bromophenyl-phenylether
Concen: 41.79 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:248 Resp: 224814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.0 | 78.6 | 117.8 |
| 141 | 77.9 | 76.0 | 114.0 |



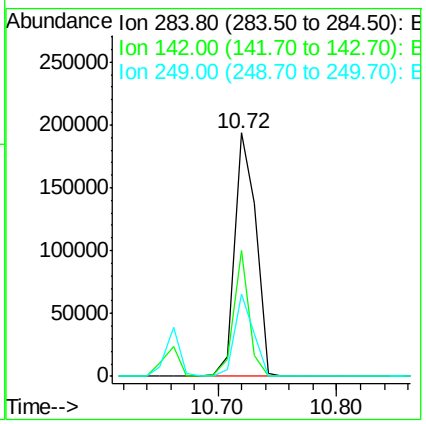


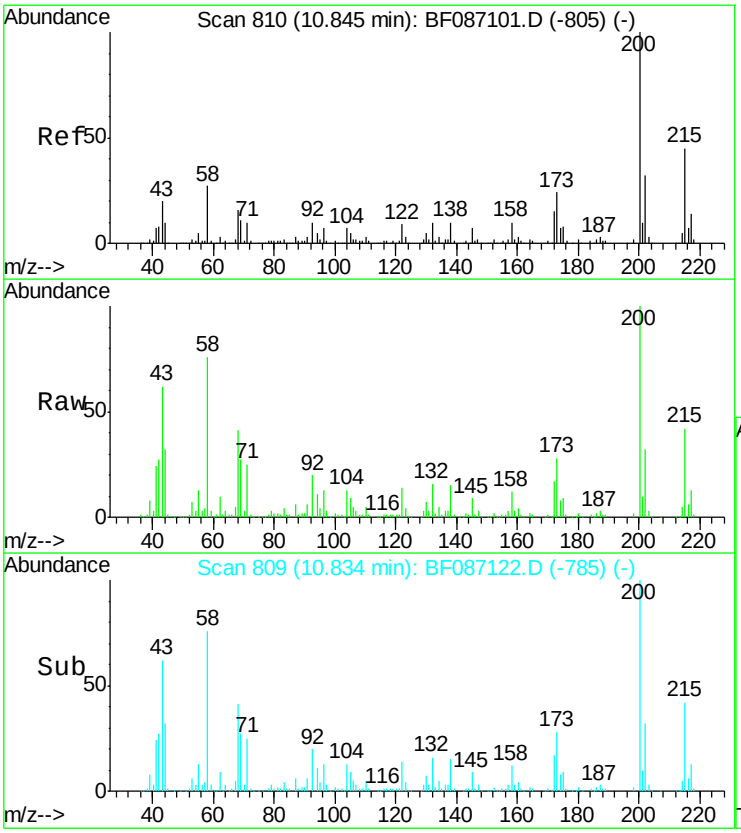

#67
Hexachlorobenzene
Concen: 38.53 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:284 Resp: 240311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 51.5 | 16.7 | 25.1# |
| 249 | 34.0 | 21.3 | 31.9# |

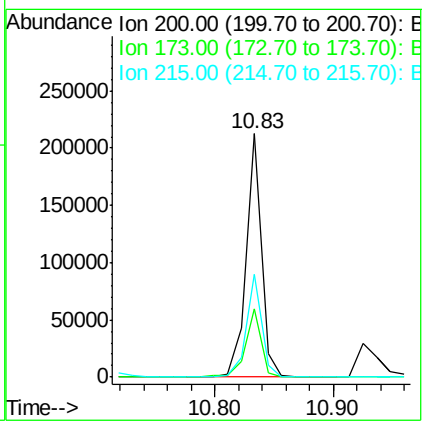


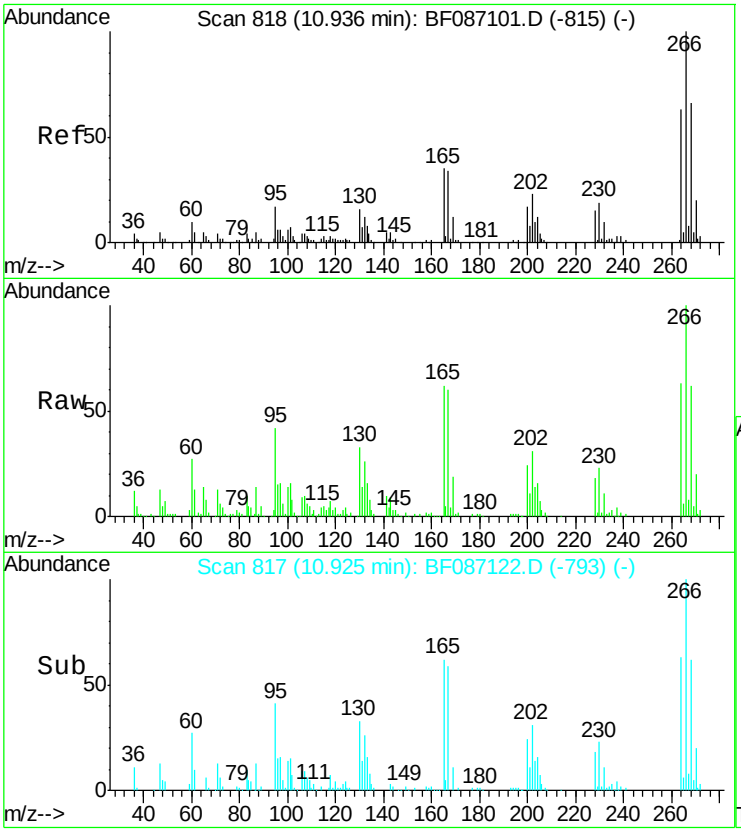




#68
Atrazine
Concen: 35.98 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:200 Resp: 193192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.0 | 8.5 | 48.5 |
| 215 | 42.2 | 27.2 | 67.2 |



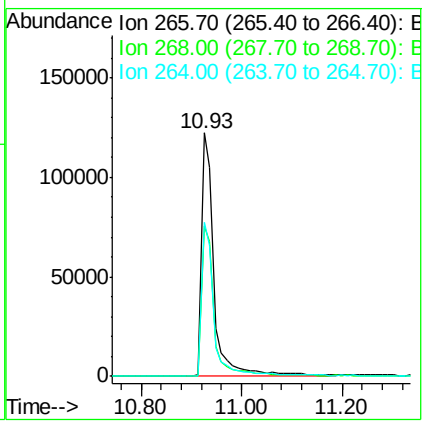


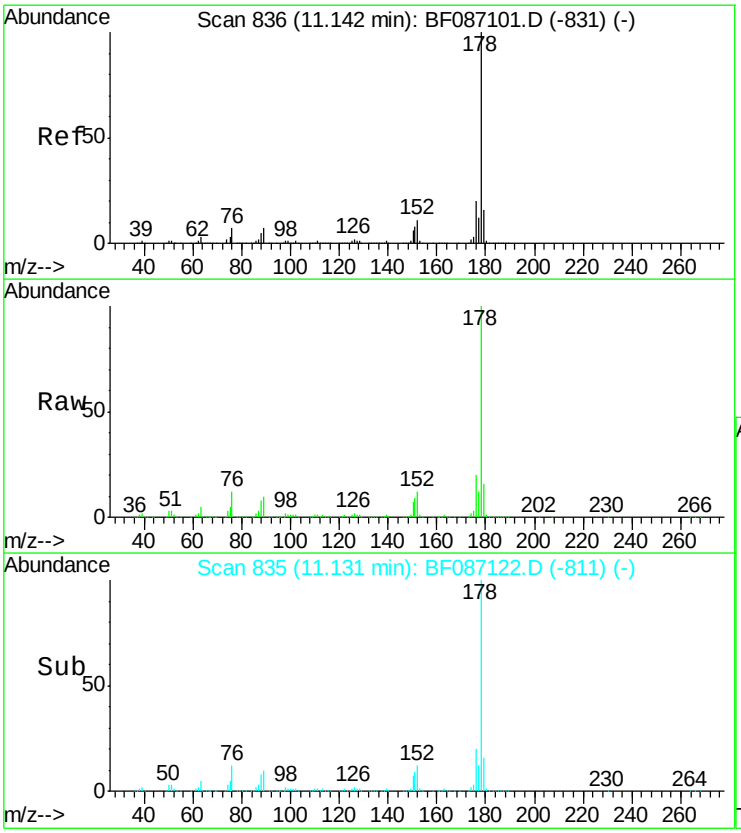

#69
Pentachlorophenol
Concen: 90.31 ng
RT: 10.93 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:266 Resp: 211586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.7 | 51.5 | 77.3 |
| 264 | 63.4 | 52.9 | 79.3 |

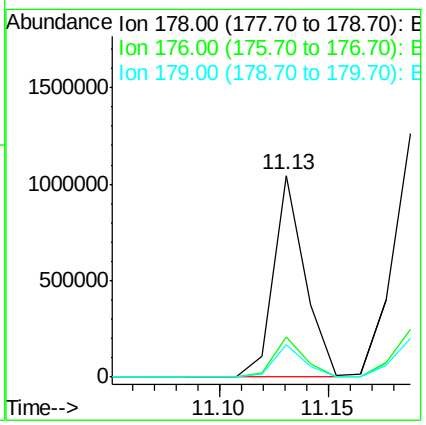


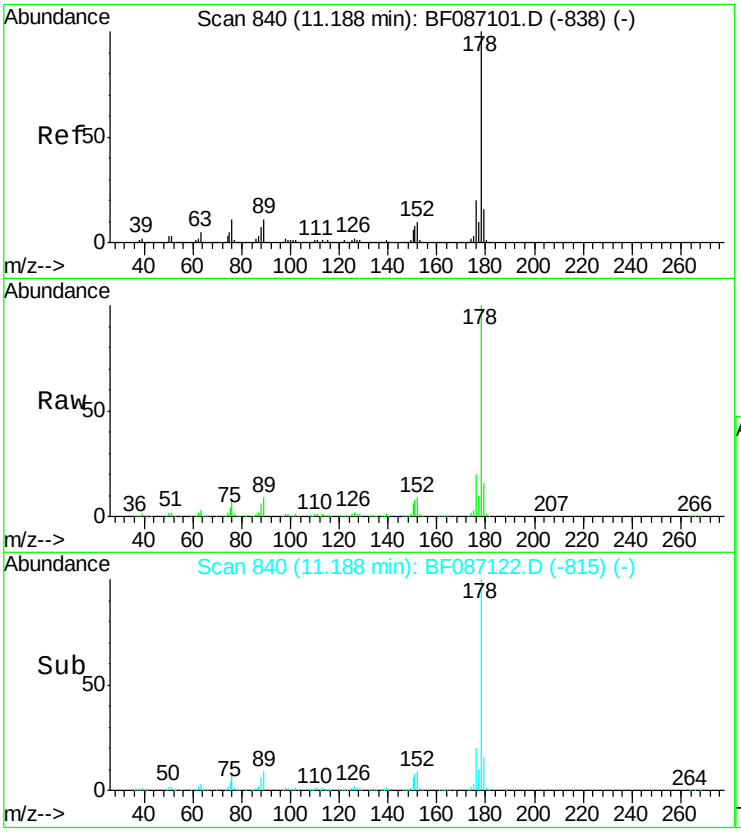




#70
Phenanthrene
Concen: 37.19 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:178 Resp: 1054985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 16.0 | 24.0 |
| 179 | 16.2 | 12.6 | 18.8 |



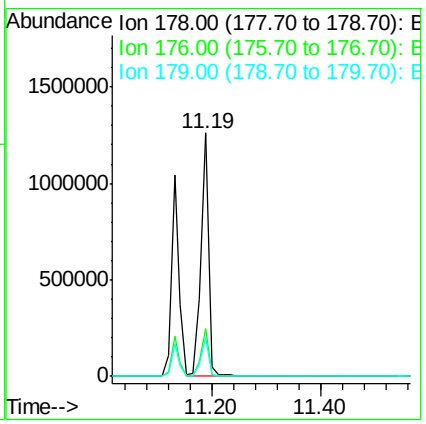


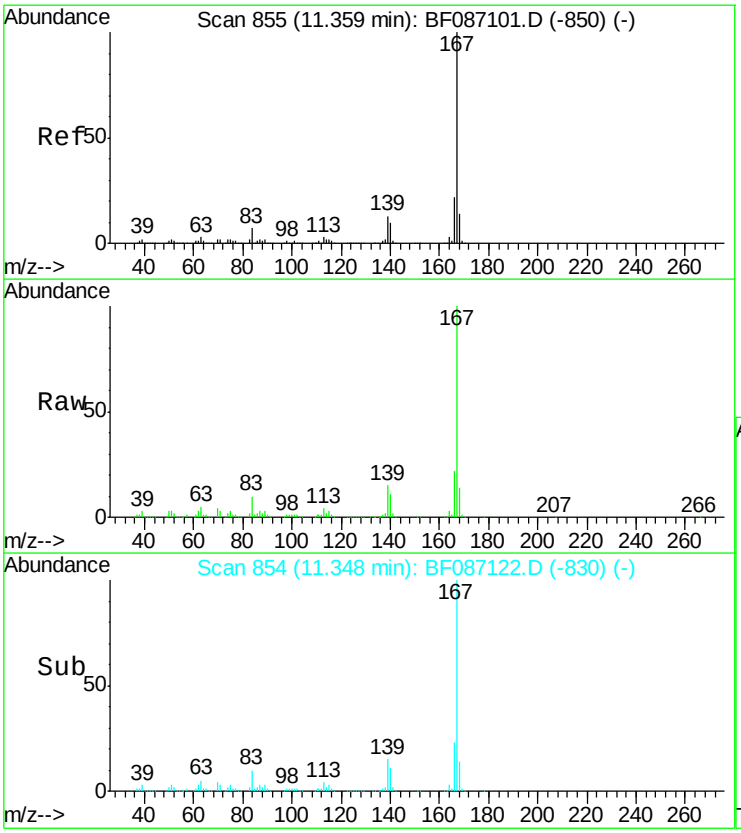

#71
Anthracene
Concen: 42.21 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:178 Resp: 1211311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.7 | 15.6 | 23.4 |
| 179 | 15.9 | 12.7 | 19.1 |

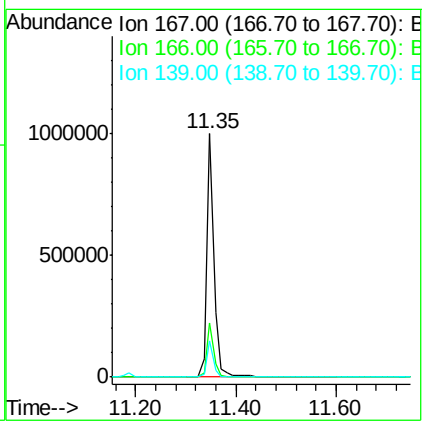


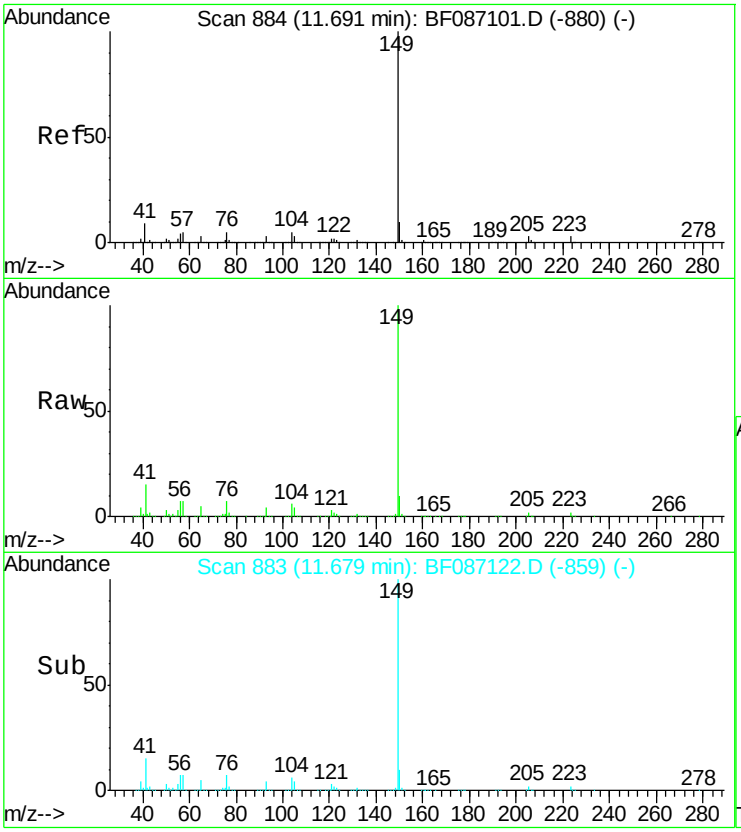




#72
Carbazole
Concen: 37.57 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:167 Resp: 984768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 17.7 | 26.5 |
| 139 | 15.0 | 10.8 | 16.2 |



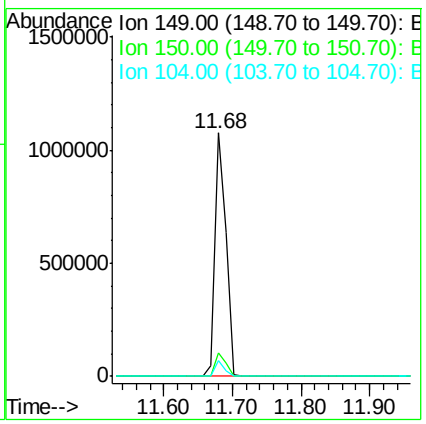


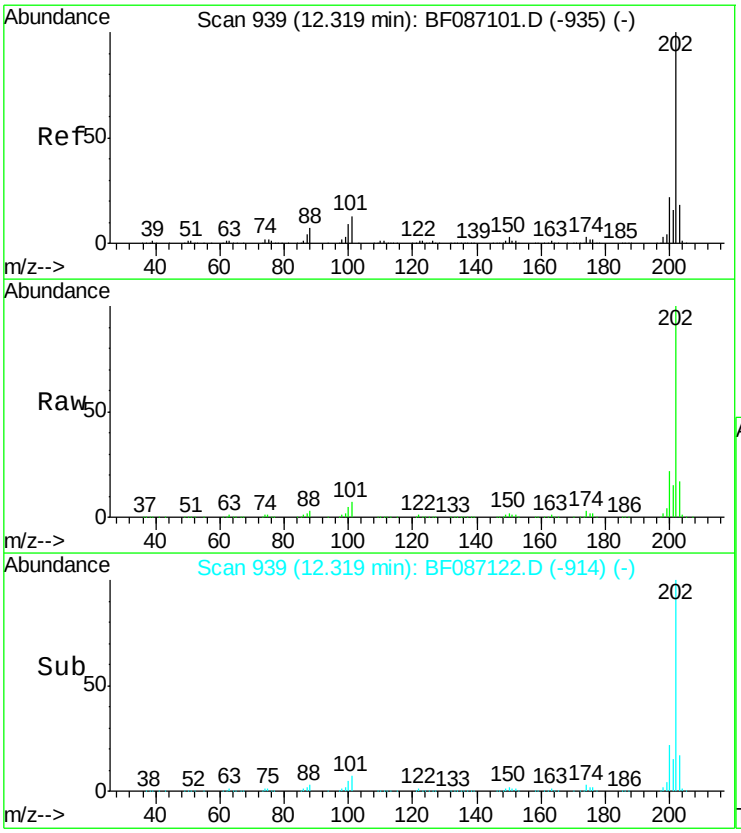

#73
Di-n-butylphthalate
Concen: 40.43 ng
RT: 11.68 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:149 Resp: 1217298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.7 | 7.6 | 11.4 |
| 104 | 6.4 | 3.8 | 5.6# |

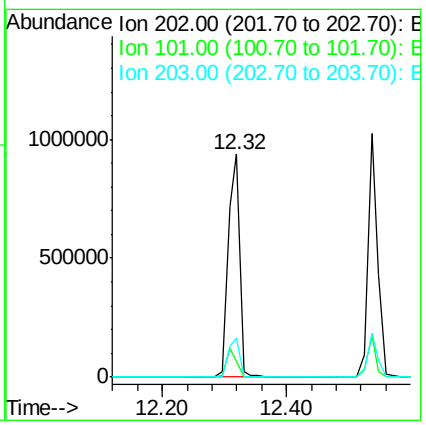


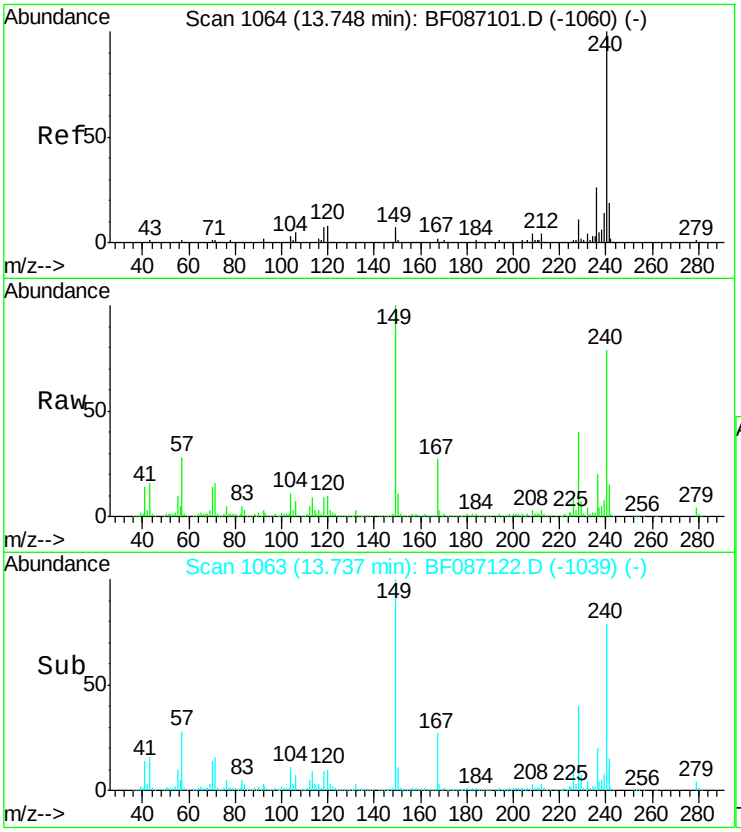




#74
Fluoranthene
Concen: 41.90 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:202 Resp: 1190967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.1 | 0.0 | 35.4 |
| 203 | 17.4 | 0.0 | 38.1 |



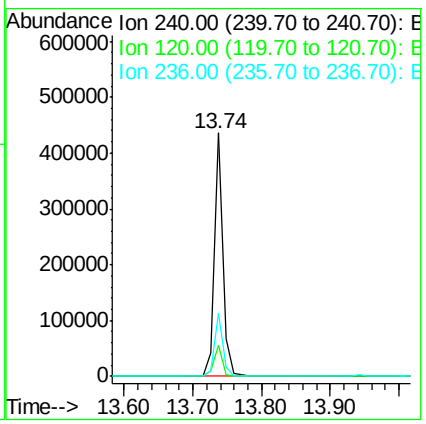


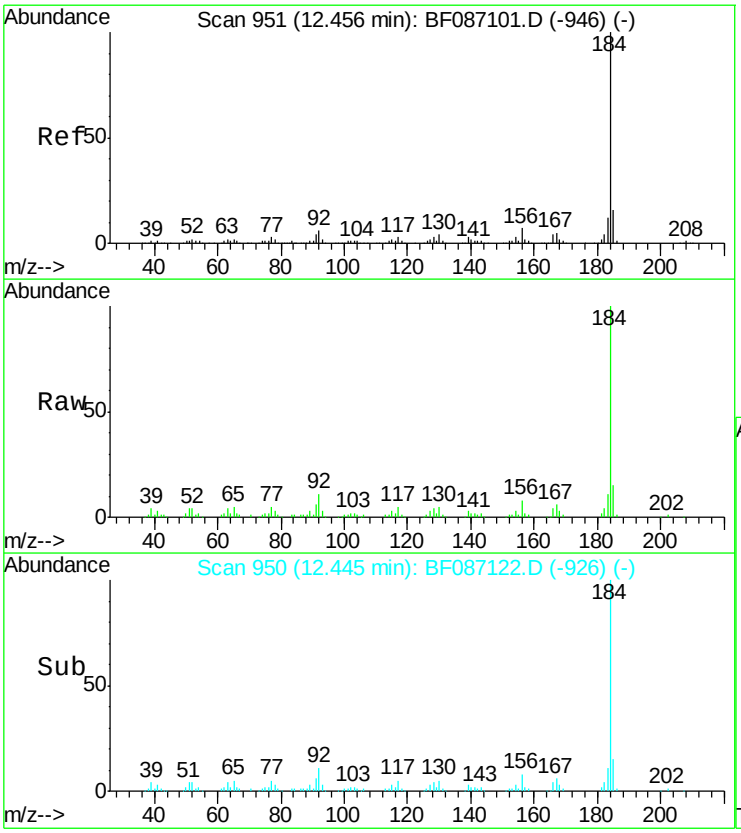

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:240 Resp: 383489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.0 | 11.2 | 16.8 |
| 236 | 25.9 | 21.2 | 31.8 |

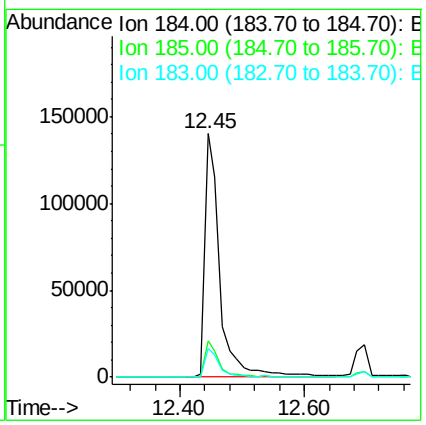


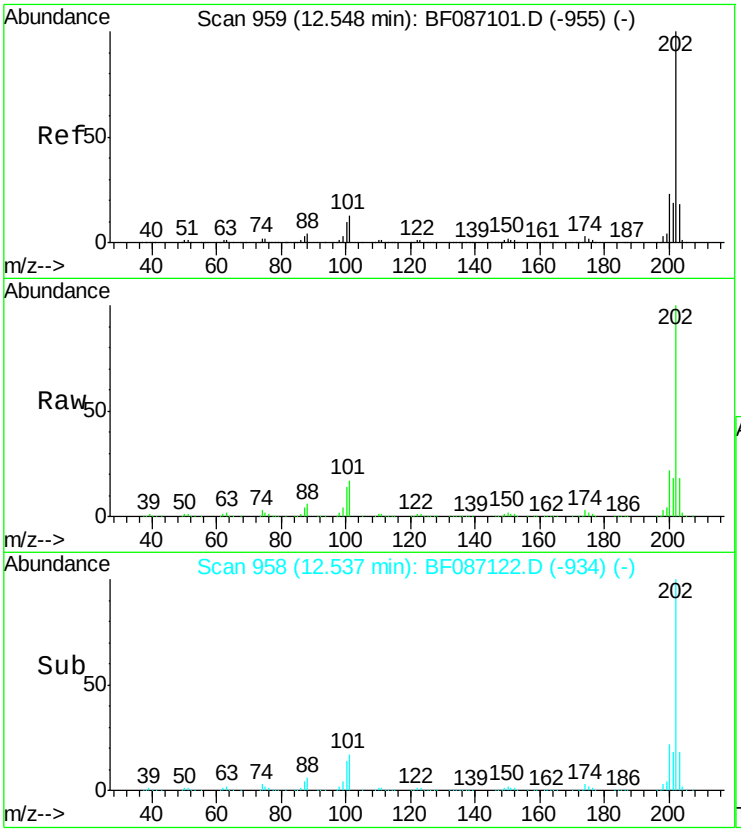




#76
Benzidine
Concen: 18.81 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:184 Resp: 235794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.9 | 13.6 | 20.4 |
| 183 | 11.5 | 9.8 | 14.6 |



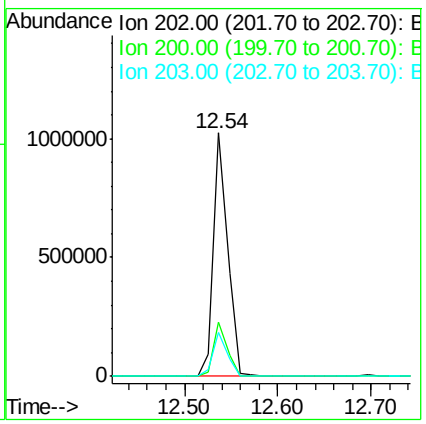


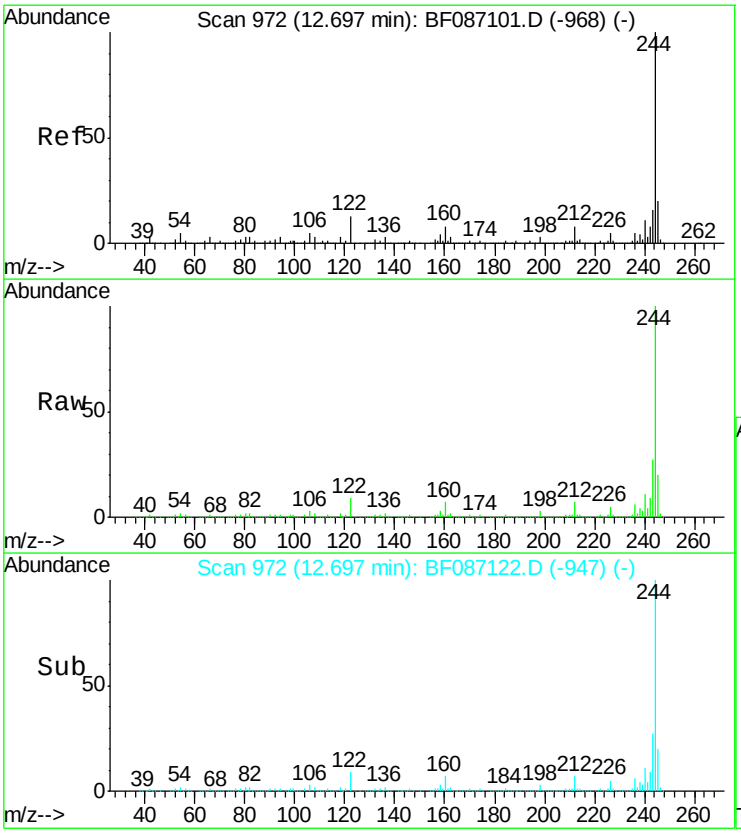

#77
Pyrene
Concen: 39.03 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:202 Resp: 1081343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.1 | 17.7 | 26.5 |
| 203 | 18.2 | 14.2 | 21.4 |

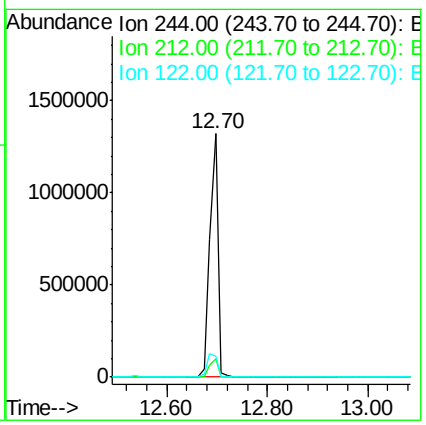


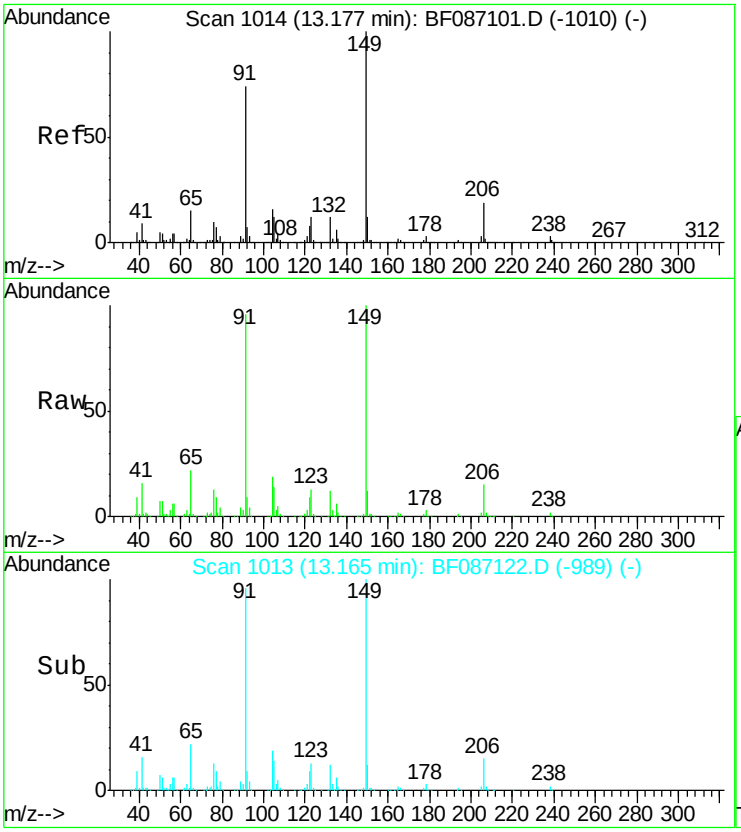




#78
Terphenyl-d14
Concen: 87.61 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:244 Resp: 1485171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.2 | 9.2 |
| 122 | 8.6 | 12.0 | 18.0# |



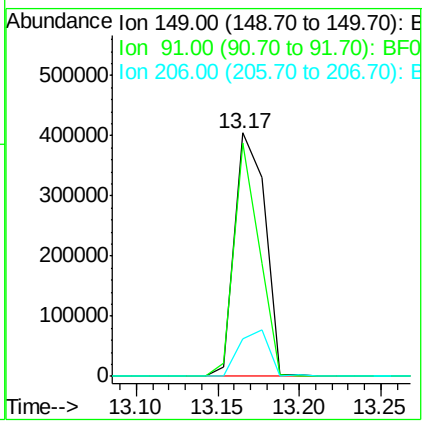


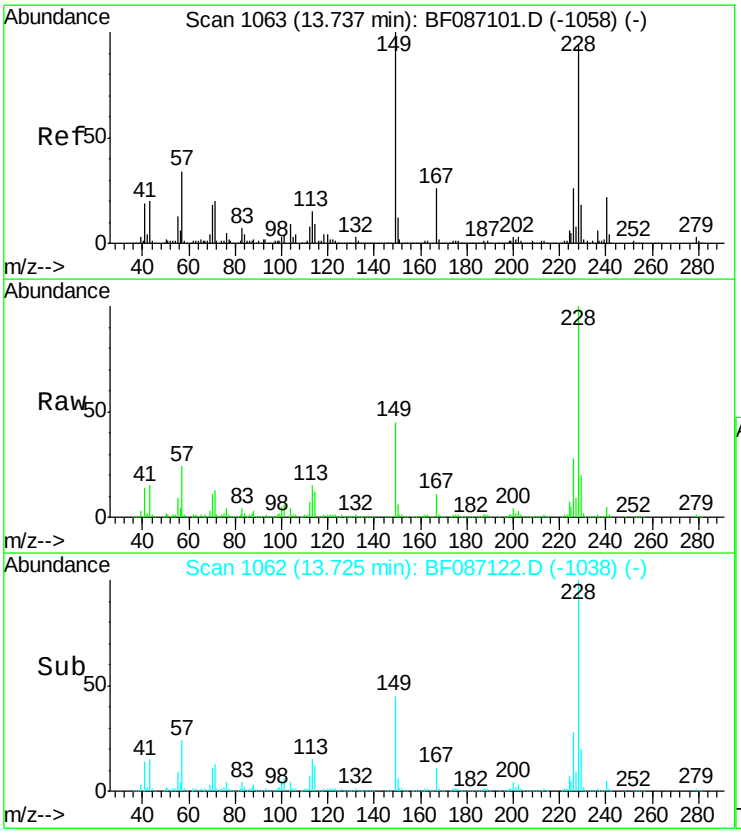

#79
Butylbenzylphthalate
Concen: 44.49 ng
RT: 13.17 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:149 Resp: 520330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 96.0 | 48.0 | 72.0# |
| 206 | 15.5 | 15.8 | 23.6# |

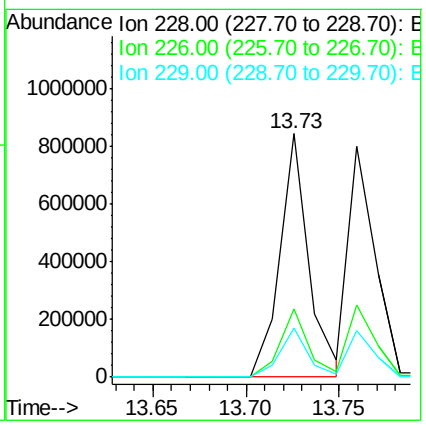


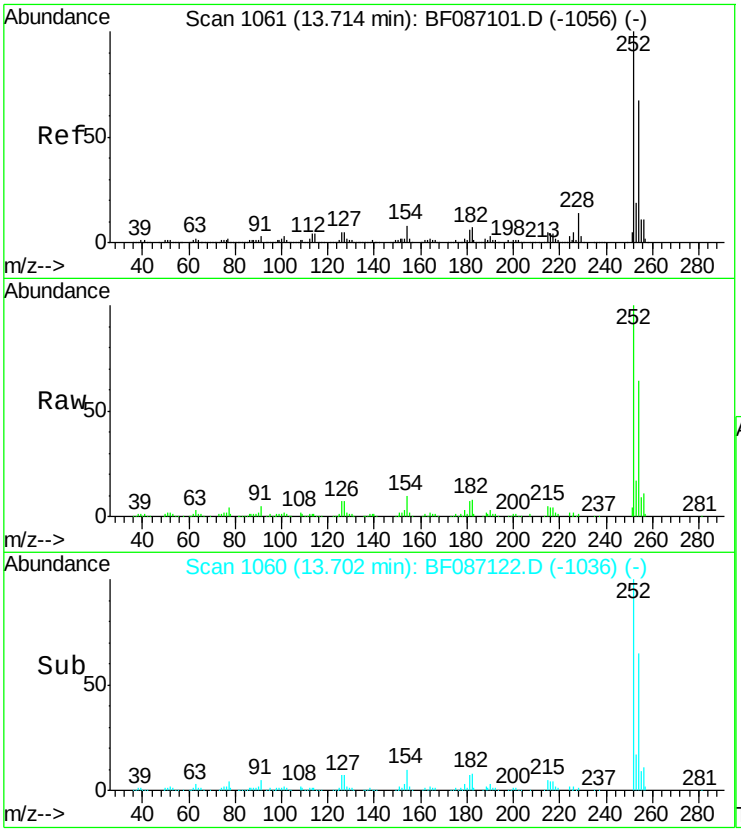




#80
Benzo(a)anthracene
Concen: 41.17 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:228 Resp: 912921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 22.5 | 33.7 |
| 229 | 20.2 | 16.6 | 25.0 |



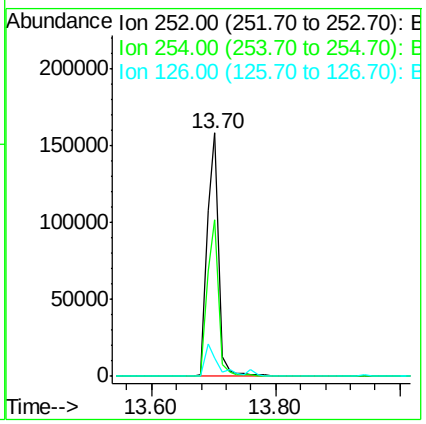


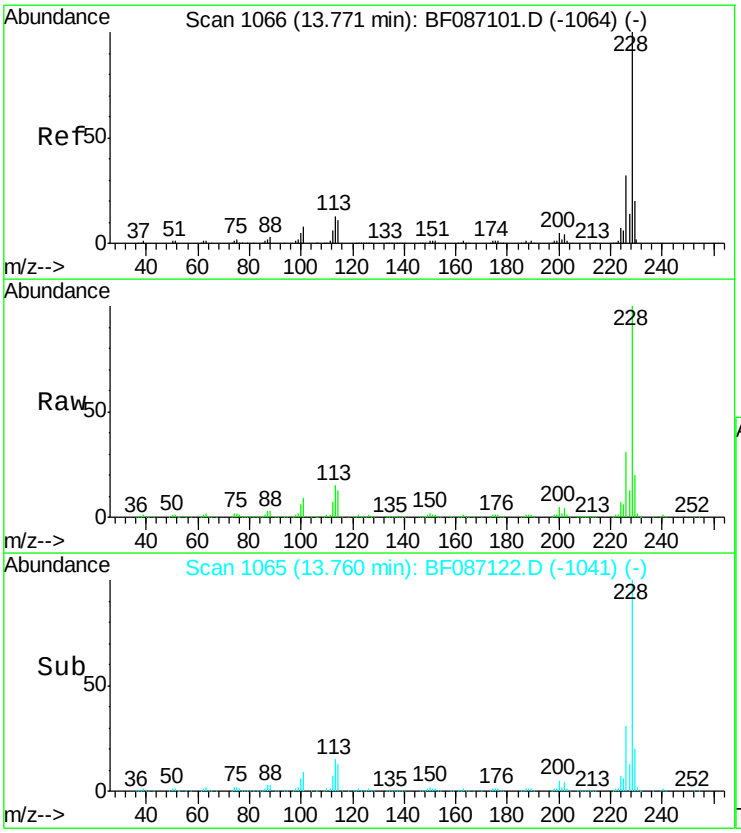

#81
3,3'-Dichlorobenzidine
Concen: 14.29 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:252 Resp: 201647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.3 | 50.7 | 76.1 |
| 126 | 7.4 | 12.7 | 19.1# |

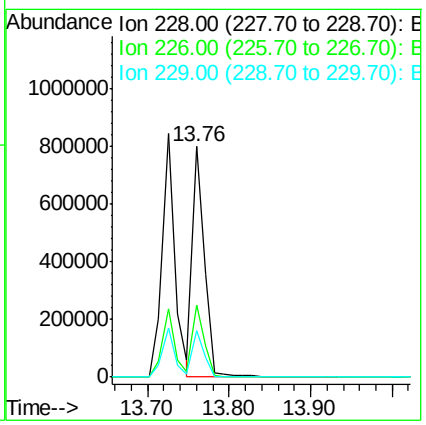


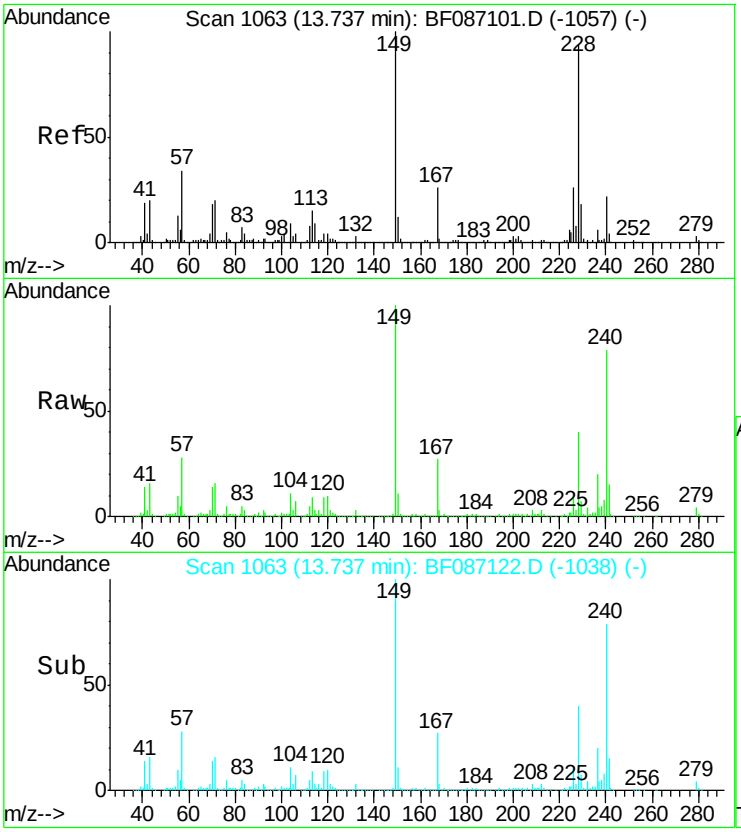




#82
Chrysene
Concen: 38.38 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:228 Resp: 823307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 24.4 | 36.6 |
| 229 | 20.3 | 15.8 | 23.8 |



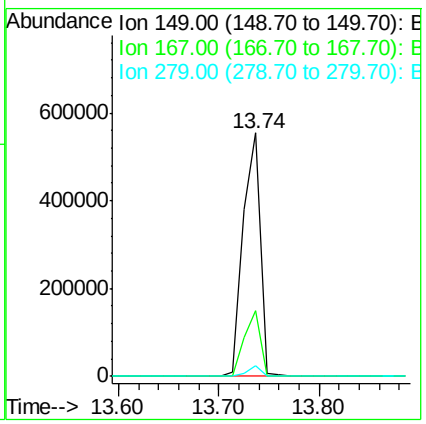


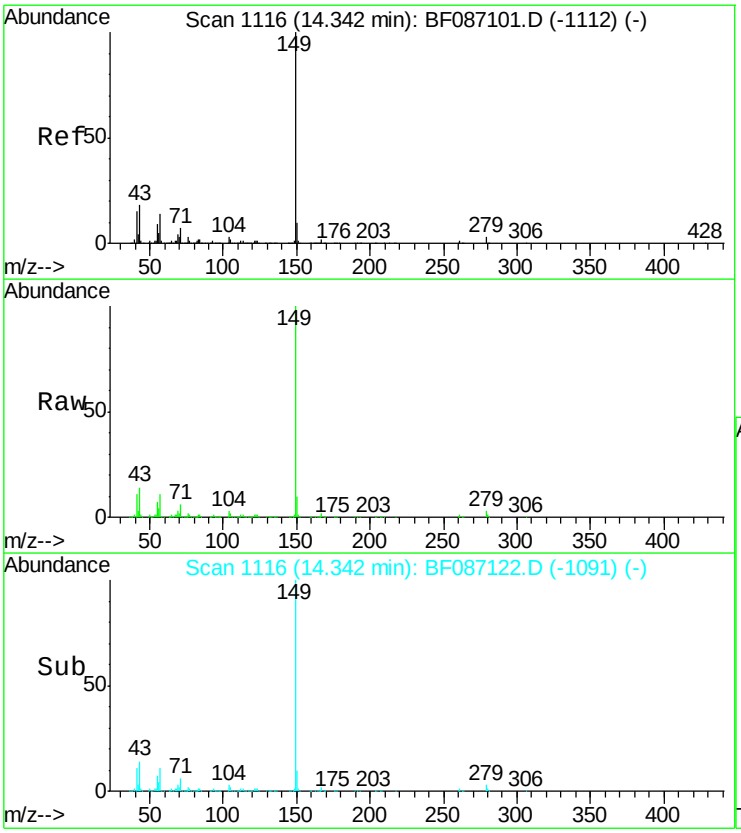

#83
Bis(2-ethylhexyl)phthalate
Concen: 46.21 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:149 Resp: 657719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.2 | 21.8 | 32.6 |
| 279 | 4.3 | 2.6 | 4.0# |

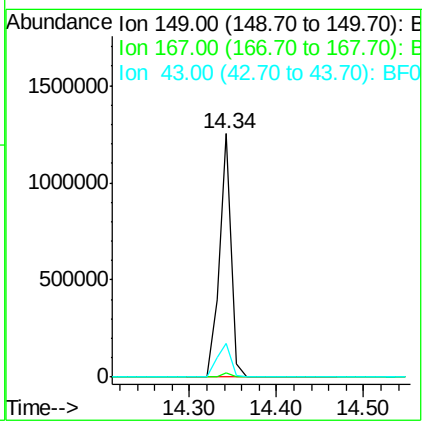


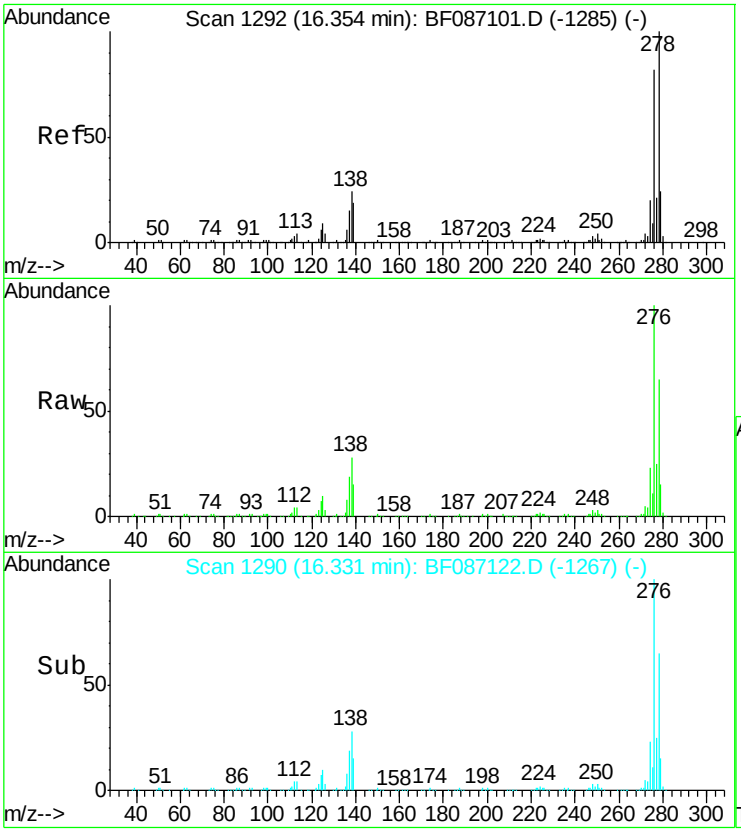




#84
Di-n-octyl phthalate
Concen: 48.65 ng
RT: 14.34 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:149 Resp: 1192785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 16.5 | 8.2 | 12.4# |



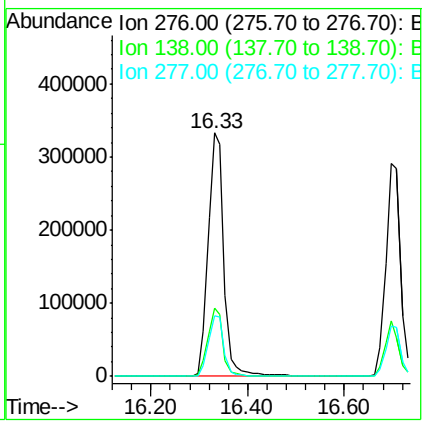


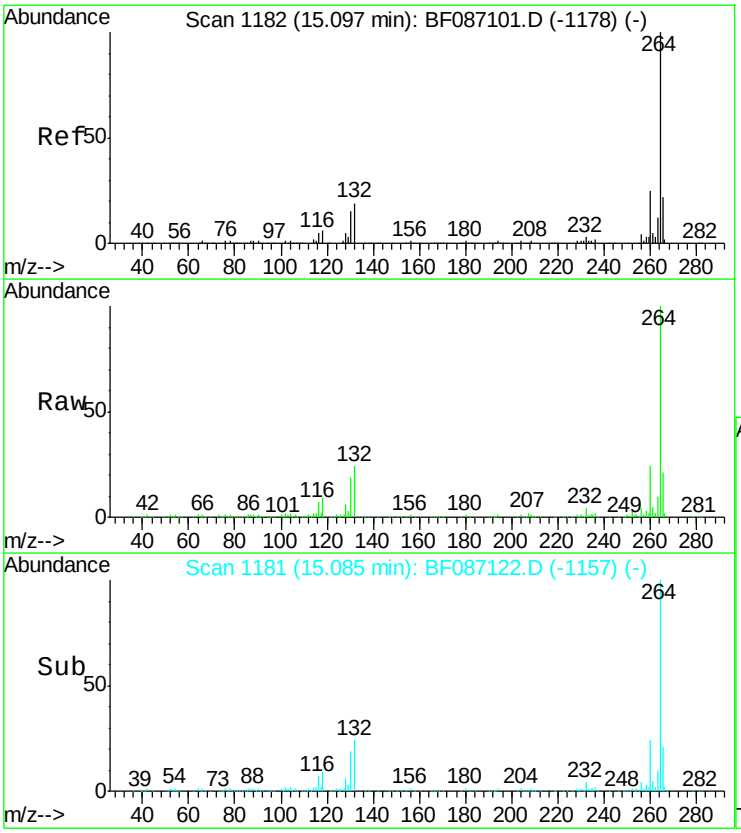

#85
Indeno(1,2,3-cd)pyrene
Concen: 40.87 ng
RT: 16.33 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:276 Resp: 769693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.2 | 25.6 | 38.4 |
| 277 | 24.9 | 20.5 | 30.7 |

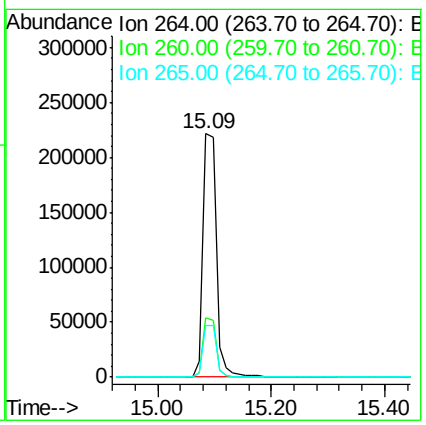


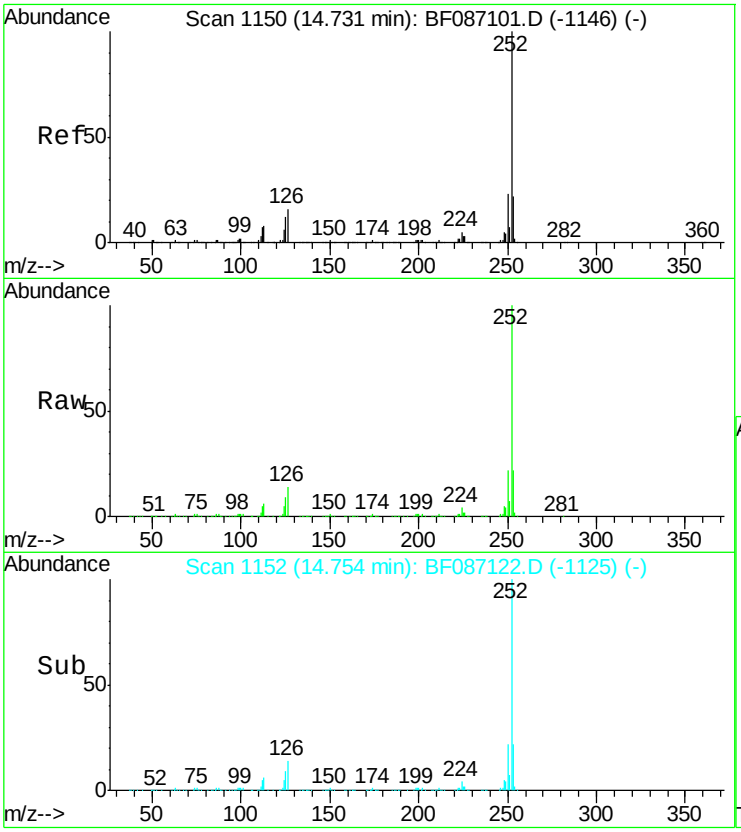




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:264 Resp: 345327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.5 | 29.3 |
| 265 | 21.3 | 17.3 | 25.9 |



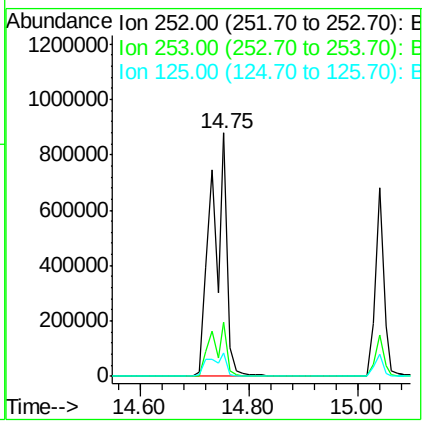


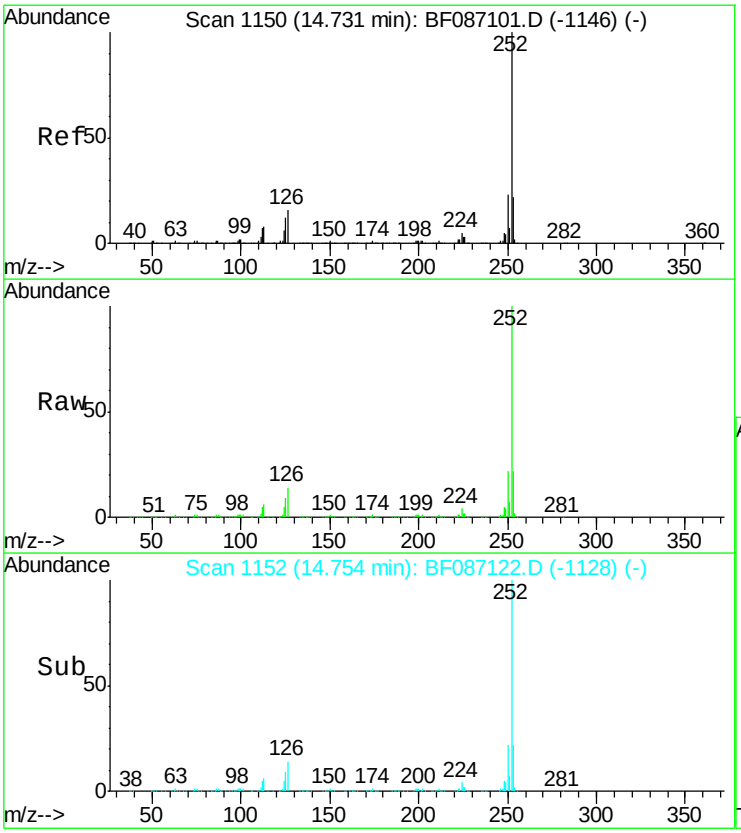

#87
Benzo(b)fluoranthene
Concen: 74.86 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:252 Resp: 1715030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 9.4 | 11.4 | 17.0# |

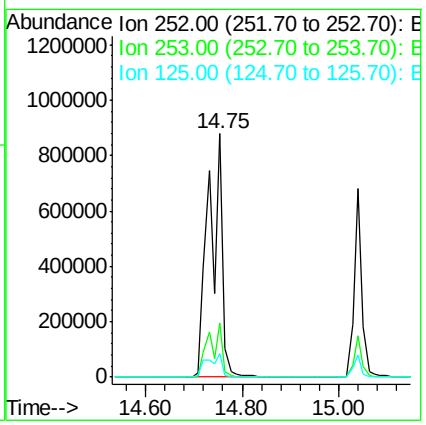


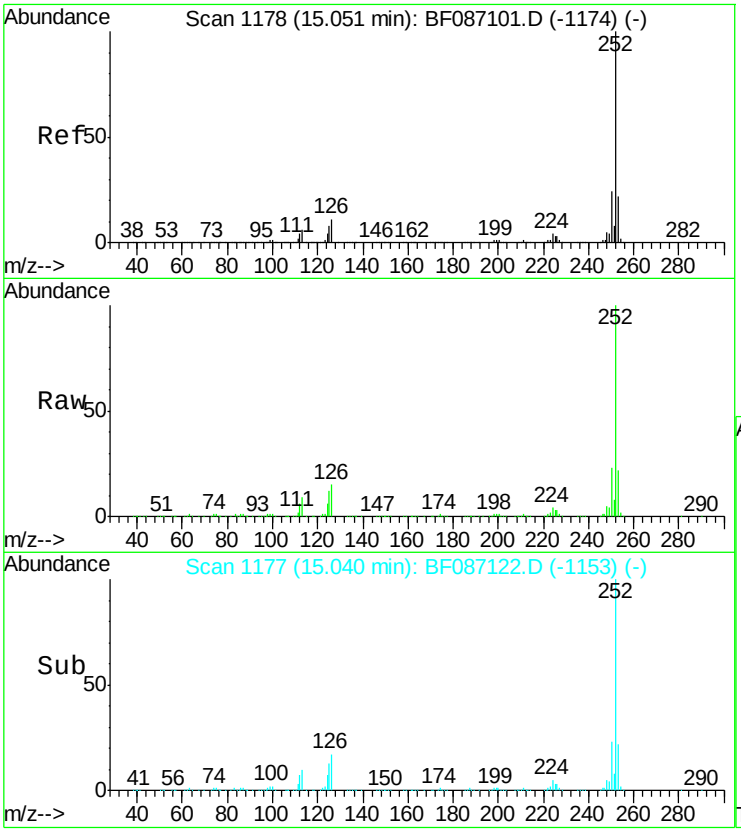




#88
Benzo(k)fluoranthene
Concen: 100.64 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:252 Resp: 1716492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.8 | 26.6 |
| 125 | 9.4 | 9.1 | 13.7 |



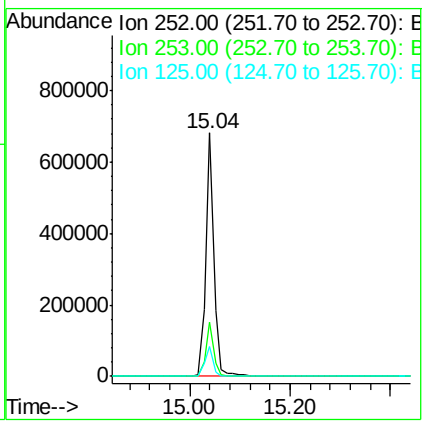


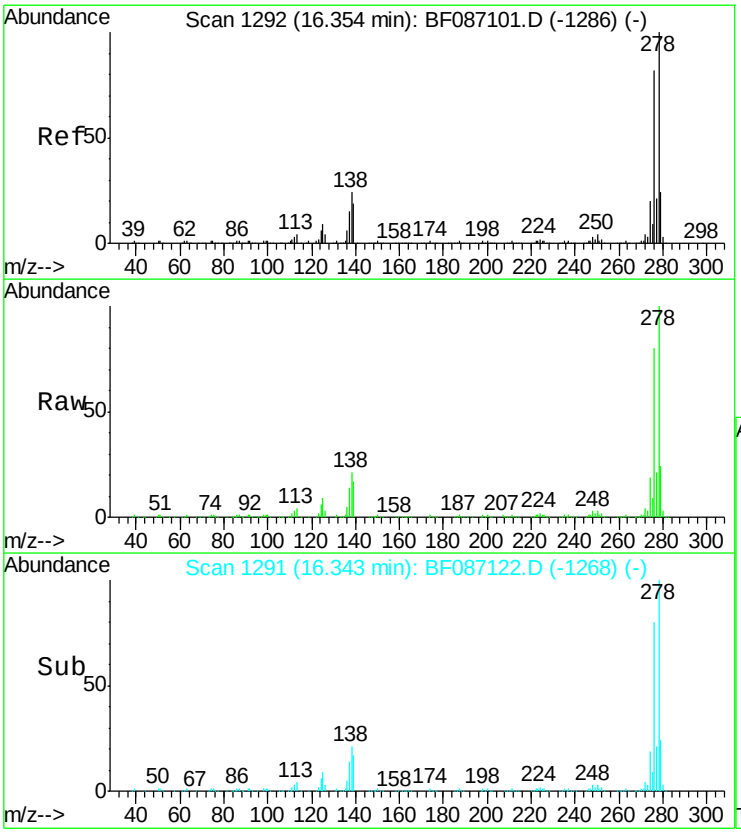

#89
Benzo(a)pyrene
Concen: 39.76 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:252 Resp: 761331

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.2 | 25.8 |
| 125 | 12.1 | 9.0 | 13.6 |

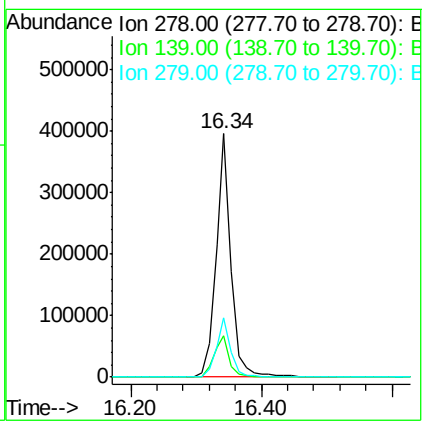


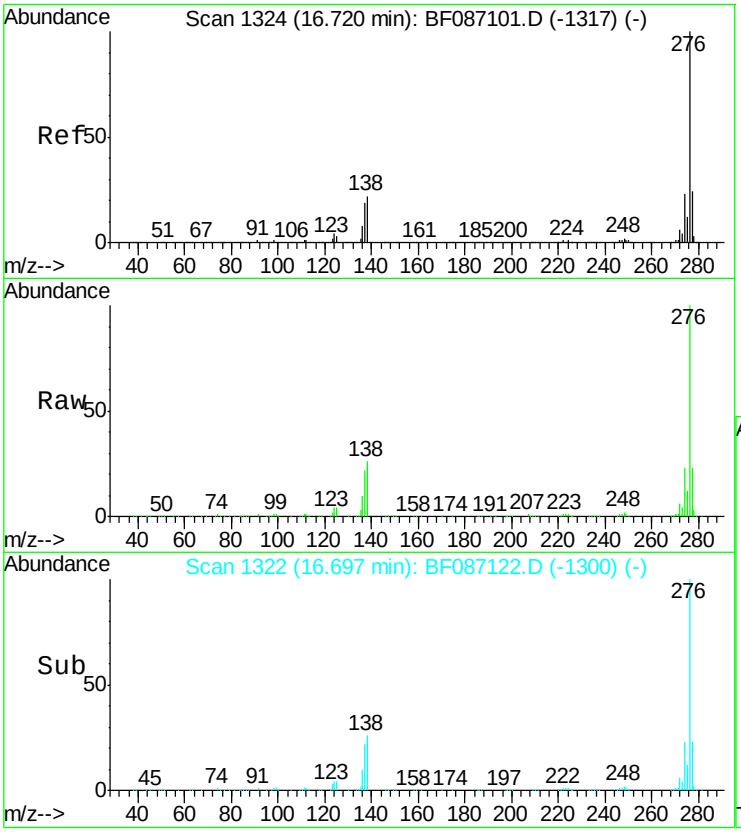




#90
Dibenzo(a,h)anthracene
Concen: 39.37 ng
RT: 16.34 min Scan# 1291
Delta R.T. -0.03 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

Tgt Ion:278 Resp: 634756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.9 | 16.6 | 24.8 |
| 279 | 24.3 | 19.6 | 29.4 |






#91
Benzo(g,h,i)perylene
Concen: 39.15 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.05 min
Lab File: BF087122.D
Acq: 18 May 2016 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
PB90662BS

Tgt Ion:276 Resp: 637527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.4 | 19.6 | 29.4 |
| 138 | 25.8 | 23.6 | 35.4 |