Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111416\
Data File : BF091164.D
Acq On : 14 Nov 2016 15:10
Operator : UM/SJ
Sample : PB94712BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB94712BS

Quant Time: Nov 15 00:21:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.64 | 152 | 181107 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.93 | 136 | 778970 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.68 | 164 | 421437 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.15 | 188 | 643212 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.78 | 240 | 536524 | 20.00 | ng | | -0.03 |
| 86) Perylene-d12 | 15.15 | 264 | 471059 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.23 | 112 | 1297784 | 118.35 | ng | | -0.01 |
| 7) Phenol-d6 | 6.29 | 99 | 1757151 | 118.05 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.21 | 82 | 1084055 | 75.92 | ng | | -0.03 |
| 41) 2,4,6-Tribromophenol | 10.46 | 330 | 465517 | 122.18 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 9.00 | 172 | 1892763 | 77.32 | ng | | -0.03 |
| 78) Terphenyl-d14 | 12.74 | 244 | 2004715 | 93.24 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.18 | 88 | 183605 | 29.27 | ng | # | 94 |
| 3) Pyridine | 2.82 | 79 | 533694 | 36.37 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 2.78 | 42 | 205702 | 35.44 | ng | | 83 |
| 6) Aniline | 6.30 | 93 | 405735 | 23.11 | ng | # | 48 |
| 8) 2-Chlorophenol | 6.42 | 128 | 513211 | 39.23 | ng | | 99 |
| 9) Benzaldehyde | 6.19 | 77 | 48111 | 5.82 | ng | | 97 |
| 10) Phenol | 6.30 | 94 | 535775 | 32.53 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.38 | 93 | 551421 | 39.73 | ng | | 87 |
| 12) 1,3-Dichlorobenzene | 6.81 | 146 | 512405 | 38.73 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.81 | 146 | 518904 | 36.56 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.81 | 146 | 530235 | 40.70 | ng | | 98 |
| 15) Benzyl Alcohol | 6.80 | 79 | 424494 | 40.43 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.93 | 45 | 654863 | 32.95 | ng | | 91 |
| 17) 2-Methylphenol | 6.92 | 107 | 418110 | 40.38 | ng | | 95 |
| 18) Hexachloroethane | 7.14 | 117 | 206564 | 37.60 | ng | # | 85 |
| 19) n-Nitroso-di-n-propylamine | 7.07 | 70 | 414014 | 40.14 | ng | # | 88 |
| 20) 3+4-Methylphenols | 7.07 | 107 | 549174 | 44.17 | ng | | 89 |
| 22) Acetophenone | 7.06 | 105 | 744176 | 41.49 | ng | # | 94 |
| 24) Nitrobenzene | 7.23 | 77 | 612627 | 38.85 | ng | | 97 |
| 25) Isophorone | 7.47 | 82 | 1071328 | 38.93 | ng | | 99 |
| 26) 2-Nitrophenol | 7.55 | 139 | 287058 | 43.01 | ng | # | 71 |
| 27) 2,4-Dimethylphenol | 7.60 | 122 | 443073 | 40.14 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.69 | 93 | 667544 | 44.41 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.79 | 162 | 405779 | 42.12 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 7.87 | 180 | 465865 | 43.01 | ng | | 99 |
| 31) Naphthalene | 7.95 | 128 | 1468310 | 39.41 | ng | | 99 |
| 32) Benzoic acid | 7.76 | 122 | 251441 | 31.19 | ng | | 99 |
| 33) 4-Chloroaniline | 8.01 | 127 | 224336 | 14.48 | ng | | 96 |
| 34) Hexachlorobutadiene | 8.06 | 225 | 253459 | 43.36 | ng | | 98 |
| 35) Caprolactam | 8.38 | 113 | 72151 | 23.84 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 8.51 | 107 | 497552 | 42.67 | ng | | 92 |
| 37) 2-Methylnaphthalene | 8.64 | 142 | 955618 | 39.90 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.81 | 216 | 468052 | 43.56 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.80 | 237 | 369661 | 87.95 | ng | | 98 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111416\
Data File : BF091164.D
Acq On : 14 Nov 2016 15:10
Operator : UM/SJ
Sample : PB94712BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB94712BS

Quant Time: Nov 15 00:21:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.93 | 196 | 284921 | 41.08 | ng | | 95 |
| 43) 2,4,5-Trichlorophenol | 8.98 | 196 | 308978 | 42.43 | ng | | 95 |
| 45) 1,1'-Biphenyl | 9.10 | 154 | 1220470 | 39.66 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.13 | 162 | 994486 | 42.57 | ng | | 97 |
| 47) 2-Nitroaniline | 9.23 | 65 | 319545 | 36.85 | ng | | 94 |
| 48) Acenaphthylene | 9.54 | 152 | 1442215 | 39.61 | ng | | 99 |
| 49) Dimethylphthalate | 9.41 | 163 | 1094759 | 39.62 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 9.48 | 165 | 253309 | 42.77 | ng | # | 53 |
| 51) Acenaphthene | 9.71 | 154 | 902843 | 39.50 | ng | | 99 |
| 52) 3-Nitroaniline | 9.64 | 138 | 140061 | 19.94 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 9.76 | 184 | 226235 | 70.90 | ng | # | 65 |
| 54) Dibenzofuran | 9.88 | 168 | 1242377 | 40.38 | ng | | 98 |
| 55) 4-Nitrophenol | 9.84 | 139 | 352238 | 75.65 | ng | # | 79 |
| 56) 2,4-Dinitrotoluene | 9.88 | 165 | 314678 | 41.76 | ng | # | 77 |
| 57) Fluorene | 10.22 | 166 | 1082975 | 43.06 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.01 | 232 | 274845 | 48.17 | ng | | 98 |
| 59) Diethylphthalate | 10.11 | 149 | 1100507 | 38.84 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.21 | 204 | 483342 | 42.22 | ng | # | 77 |
| 61) 4-Nitroaniline | 10.26 | 138 | 263291 | 37.06 | ng | | 94 |
| 62) Azobenzene | 10.37 | 77 | 1272155 | 38.14 | ng | | 85 |
| 64) 4,6-Dinitro-2-methylphenol | 10.29 | 198 | 182533 | 46.34 | ng | # | 64 |
| 65) n-Nitrosodiphenylamine | 10.34 | 169 | 871518 | 42.63 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.70 | 248 | 320395 | 47.89 | ng | # | 81 |
| 67) Hexachlorobenzene | 10.77 | 284 | 354954 | 48.10 | ng | # | 82 |
| 68) Atrazine | 10.88 | 200 | 277600 | 47.07 | ng | | 99 |
| 69) Pentachlorophenol | 10.97 | 266 | 306371 | 93.74 | ng | | 99 |
| 70) Phenanthrene | 11.17 | 178 | 1419944 | 41.53 | ng | | 99 |
| 71) Anthracene | 11.23 | 178 | 1525420 | 41.96 | ng | | 100 |
| 72) Carbazole | 11.39 | 167 | 1333338 | 40.70 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.72 | 149 | 1675167 | 40.66 | ng | | 99 |
| 74) Fluoranthene | 12.36 | 202 | 1605030 | 45.26 | ng | | 92 |
| 76) Benzidine | 12.49 | 184 | 512342 | 42.74 | ng | | 98 |
| 77) Pyrene | 12.59 | 202 | 1598962 | 45.51 | ng | | 98 |
| 79) Butylbenzylphthalate | 13.22 | 149 | 759669 | 45.20 | ng | # | 73 |
| 80) Benzo(a)anthracene | 13.77 | 228 | 1322081 | 43.40 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.75 | 252 | 245004 | 22.89 | ng | | 99 |
| 82) Chrysene | 13.81 | 228 | 1442662 | 48.03 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.78 | 149 | 940659 | 41.36 | ng | # | 94 |
| 84) Di-n-octyl phthalate | 14.39 | 149 | 1613386 | 43.14 | ng | # | 94 |
| 85) Indeno(1,2,3-cd)pyrene | 16.43 | 276 | 1117643 | 44.84 | ng | | 96 |
| 87) Benzo(b)fluoranthene | 14.81 | 252 | 2554135 | 79.94 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 14.81 | 252 | 2556227 | 91.21 | ng | # | 92 |
| 89) Benzo(a)pyrene | 15.09 | 252 | 1140145 | 40.99 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 16.43 | 278 | 952636 | 39.62 | ng | | 100 |
| 91) Benzo(g,h,i)perylene | 16.80 | 276 | 868518 | 39.94 | ng | | 100 |

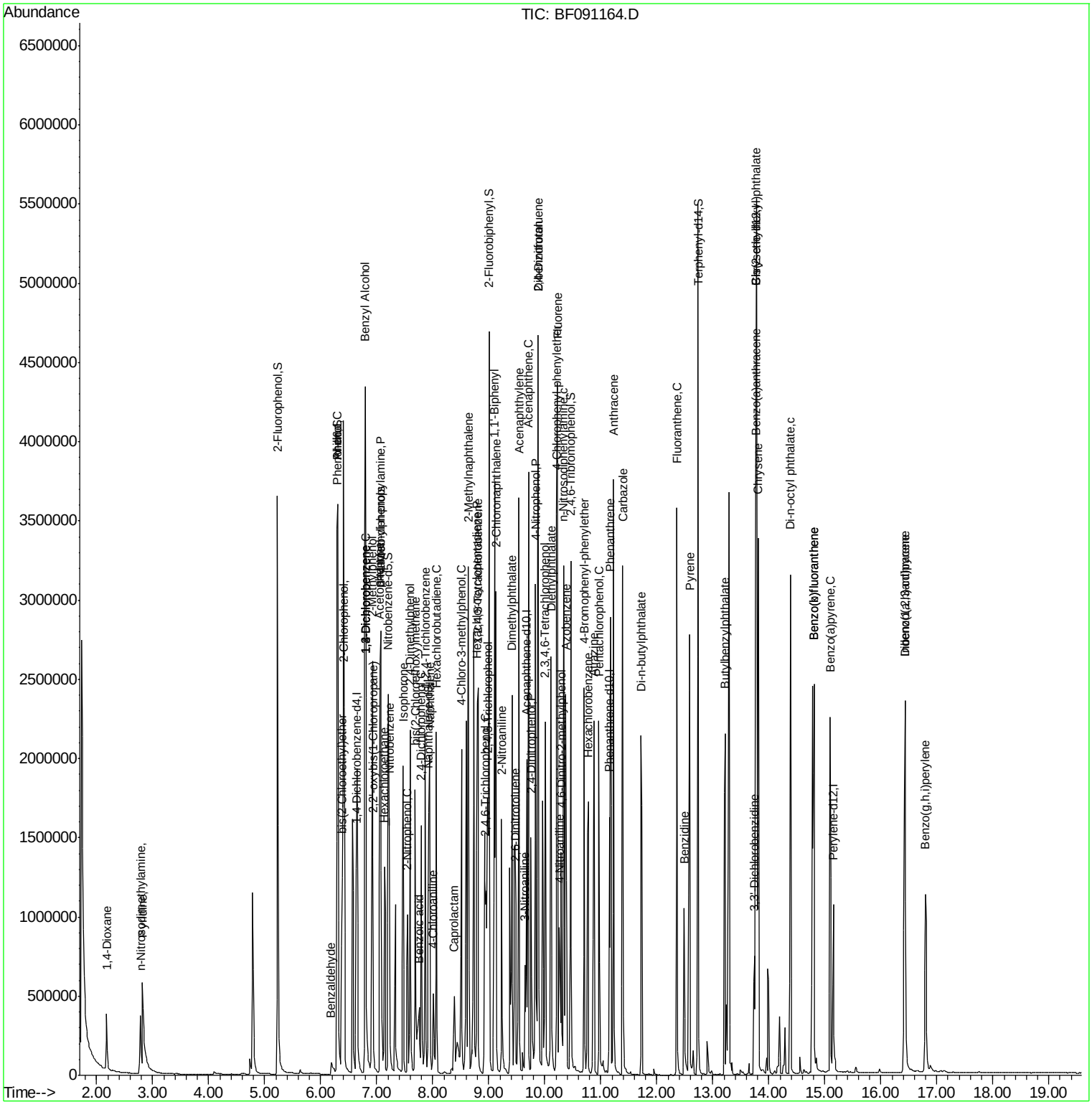
(#) = qualifier out of range (m) = manual integration (+) = signals summed

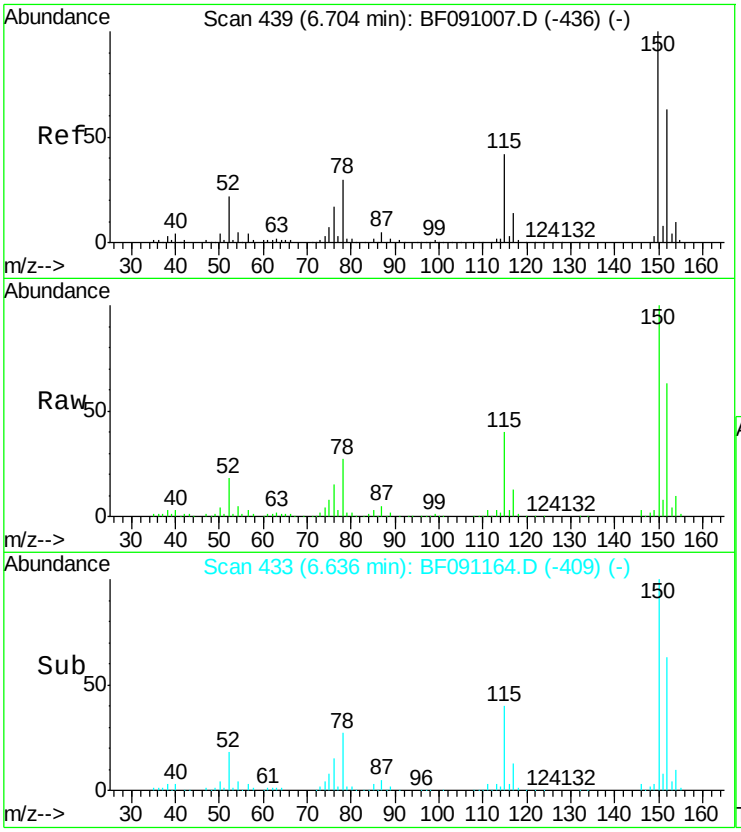
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111416\
Data File : BF091164.D
Acq On : 14 Nov 2016 15:10
Operator : UM/SJ
Sample : PB94712BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Quant Time: Nov 15 00:21:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration



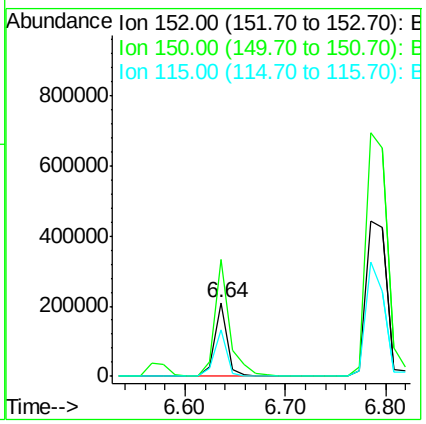


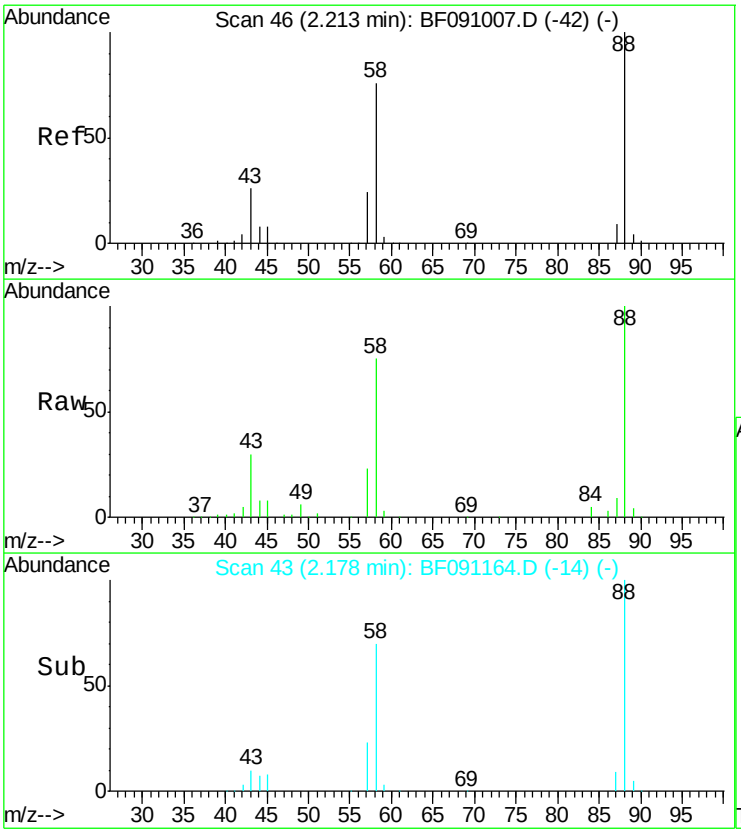

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:152 Resp: 181107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.4 | 126.8 | 190.2 |
| 115 | 63.3 | 53.3 | 79.9 |

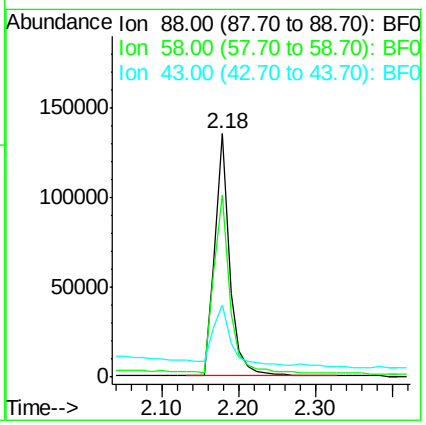


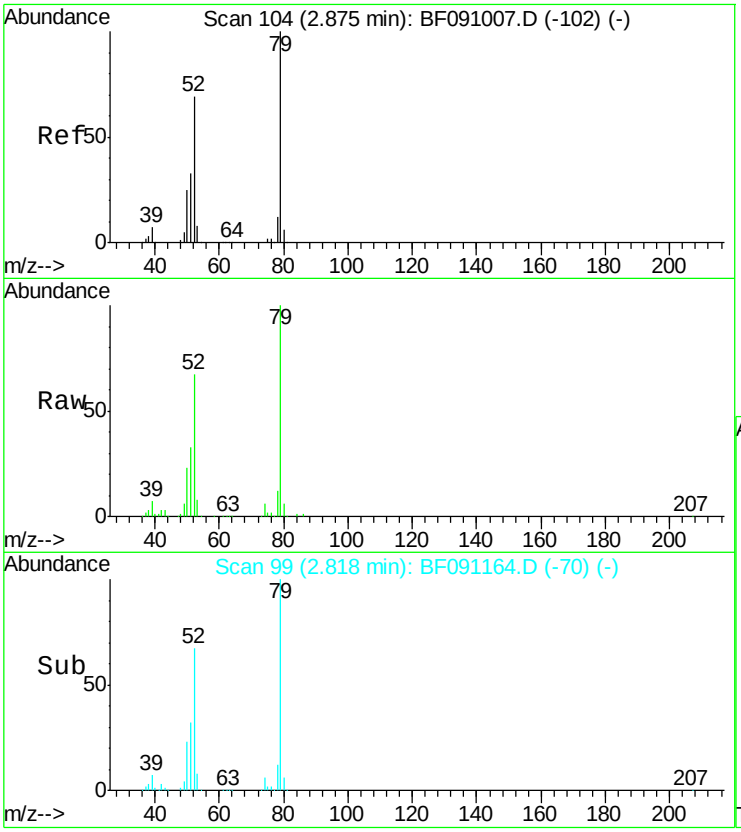




#2
1,4-Dioxane
Concen: 29.27 ng
RT: 2.18 min Scan# 43
Delta R.T. 0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 88 Resp: 183605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 82.2 | 63.8 | 95.6 |
| 43 | 36.1 | 22.6 | 33.8# |



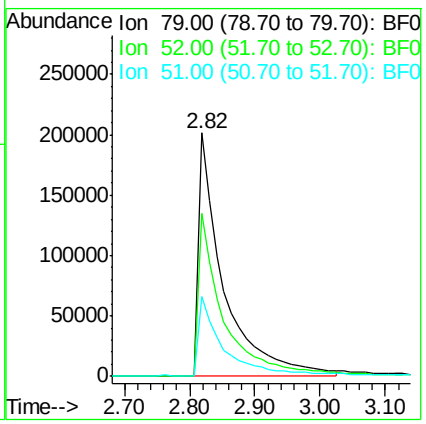


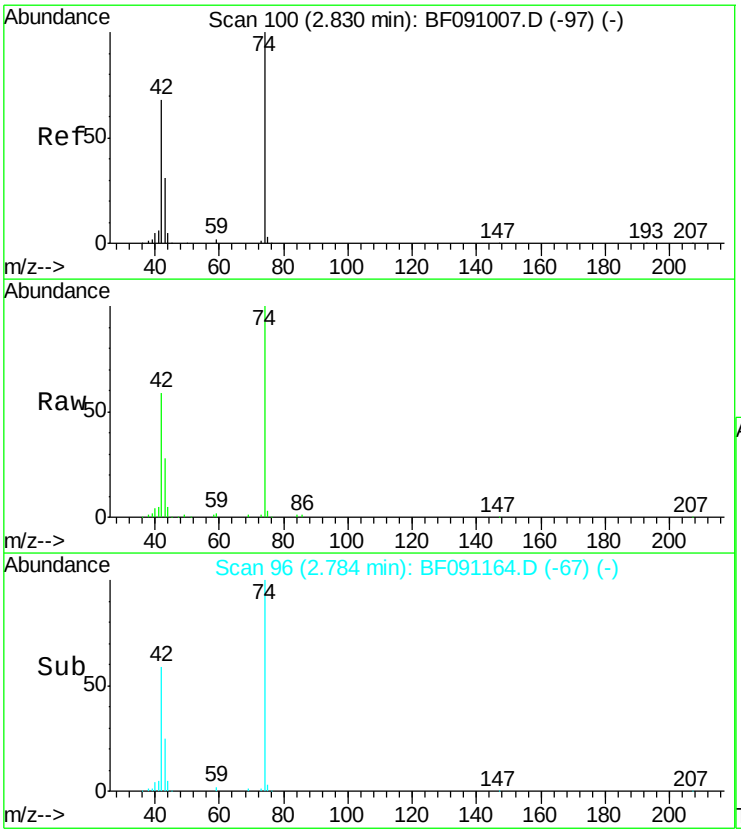

#3
Pyridine
Concen: 36.37 ng
RT: 2.82 min Scan# 99
Delta R.T. 0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion: 79 Resp: 533694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 66.8 | 55.4 | 83.0 |
| 51 | 32.9 | 27.4 | 41.0 |

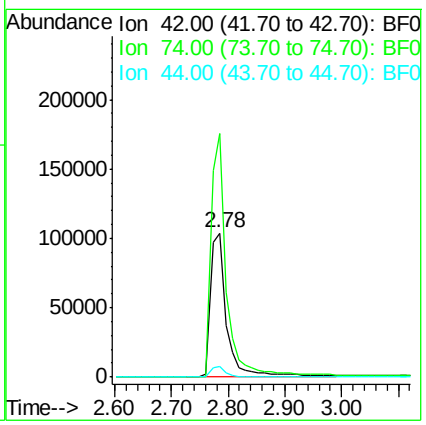


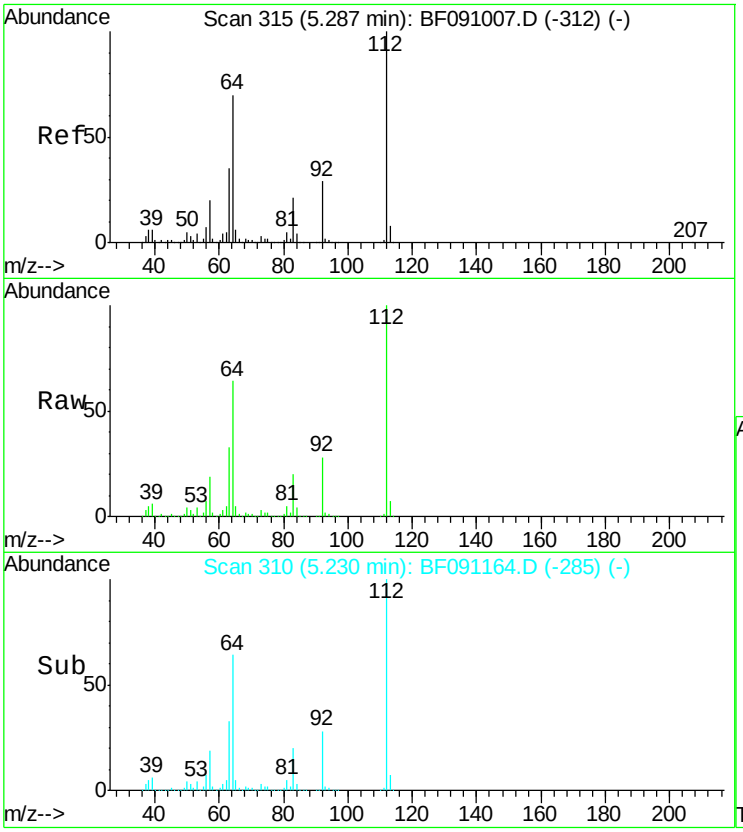




#4
n-Nitrosodimethylamine
Concen: 35.44 ng
RT: 2.78 min Scan# 96
Delta R.T. 0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 42 Resp: 205702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 168.6 | 117.3 | 175.9 |
| 44 | 7.7 | 5.8 | 8.8 |



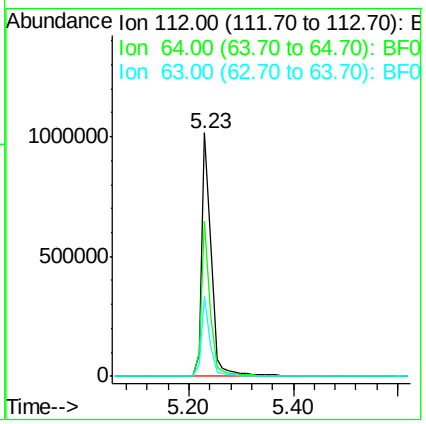


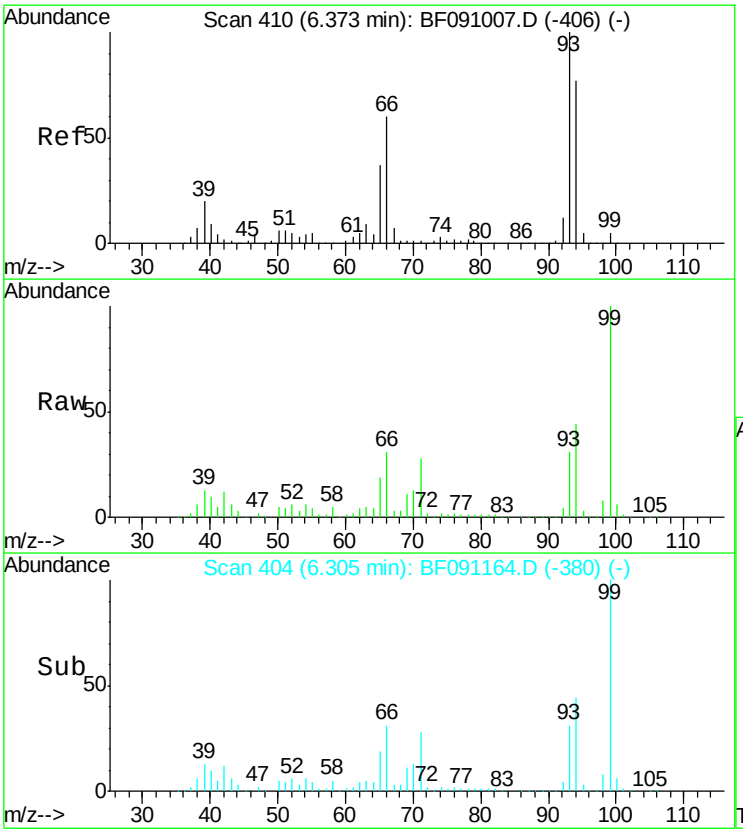

#5
2-Fluorophenol
Concen: 118.35 ng
RT: 5.23 min Scan# 310
Delta R.T. -0.01 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:112 Resp: 1297784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.9 | 55.8 | 83.6 |
| 63 | 32.8 | 28.0 | 42.0 |

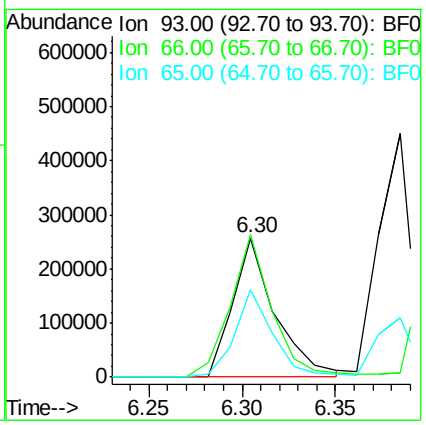


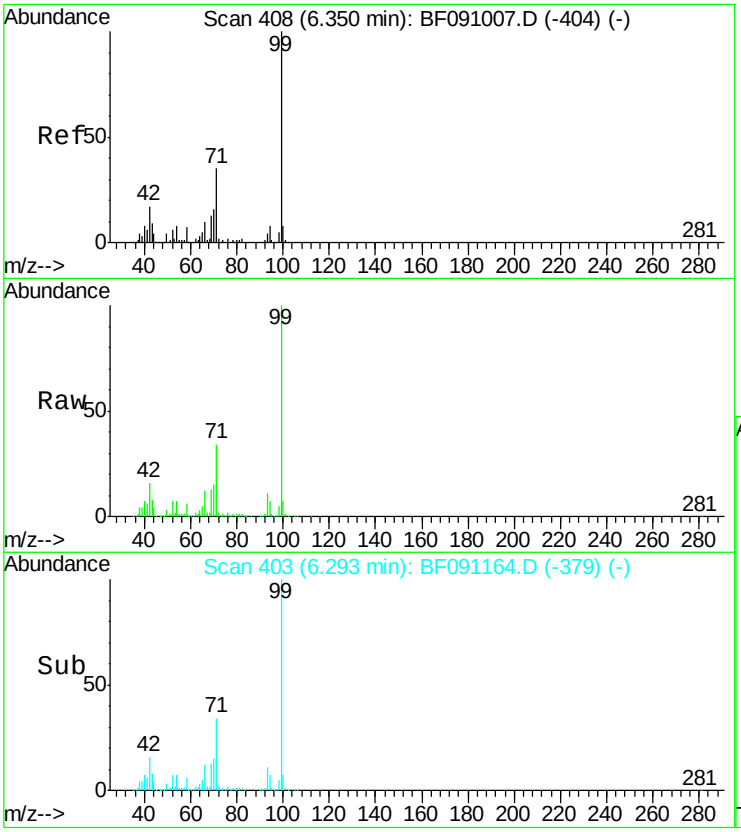




#6
Aniline
Concen: 23.11 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 93 Resp: 405735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 102.7 | 48.2 | 72.2# |
| 65 | 62.8 | 29.4 | 44.0# |



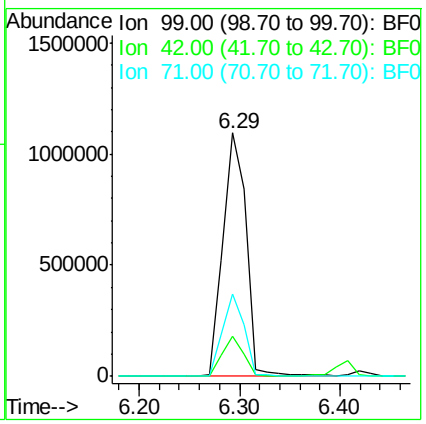


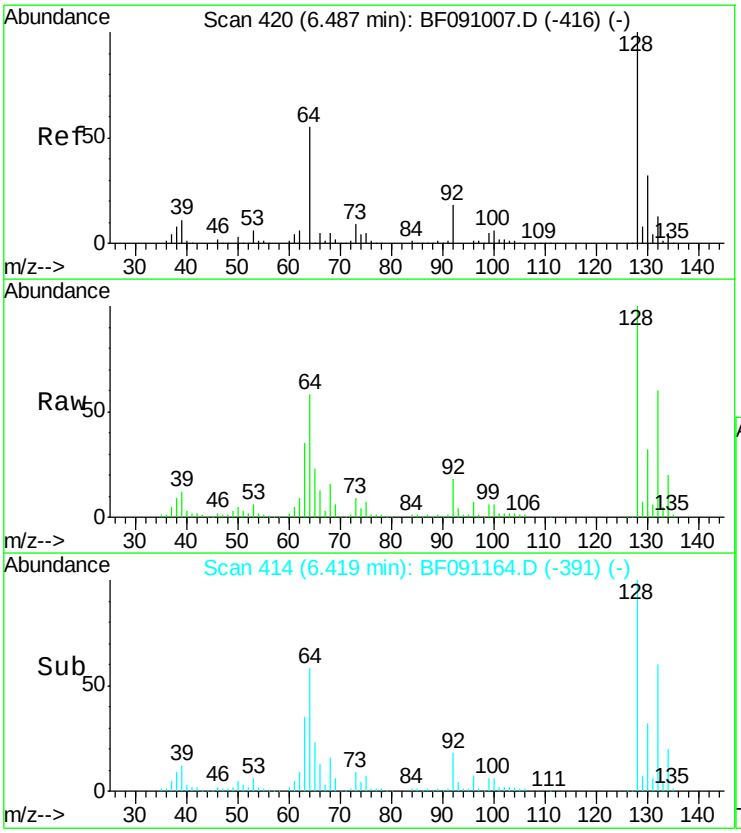

#7
Phenol-d6
Concen: 118.05 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion: 99 Resp: 1757151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.4 | 13.9 | 20.9 |
| 71 | 33.8 | 27.8 | 41.8 |

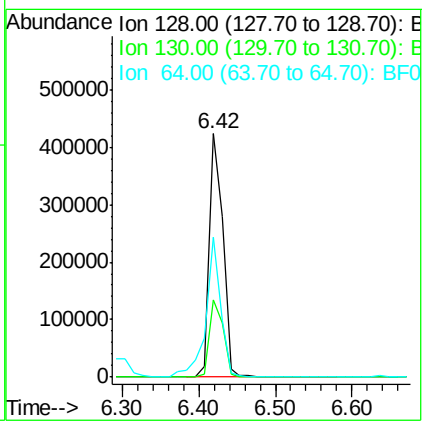


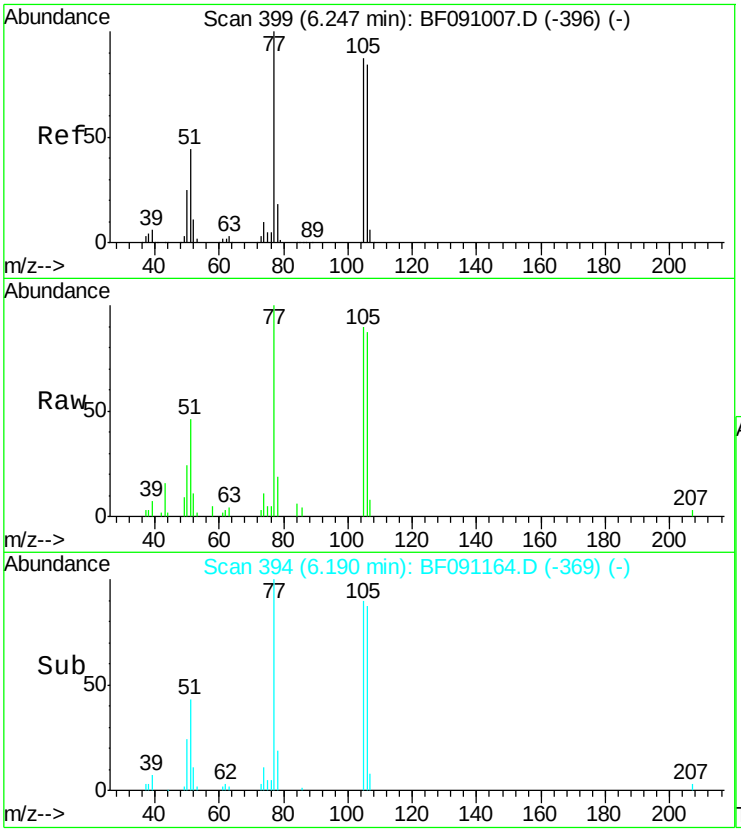




#8
2-Chlorophenol
Concen: 39.23 ng
RT: 6.42 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:128 Resp: 513211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.9 | 12.0 | 52.0 |
| 64 | 57.7 | 37.2 | 77.2 |



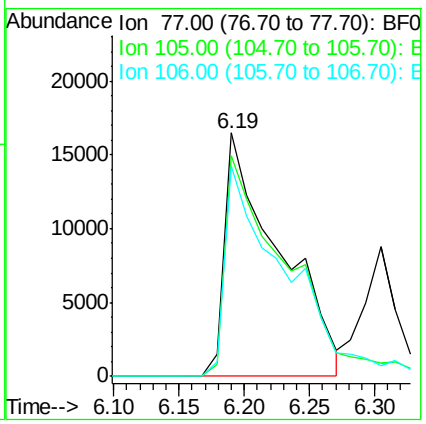


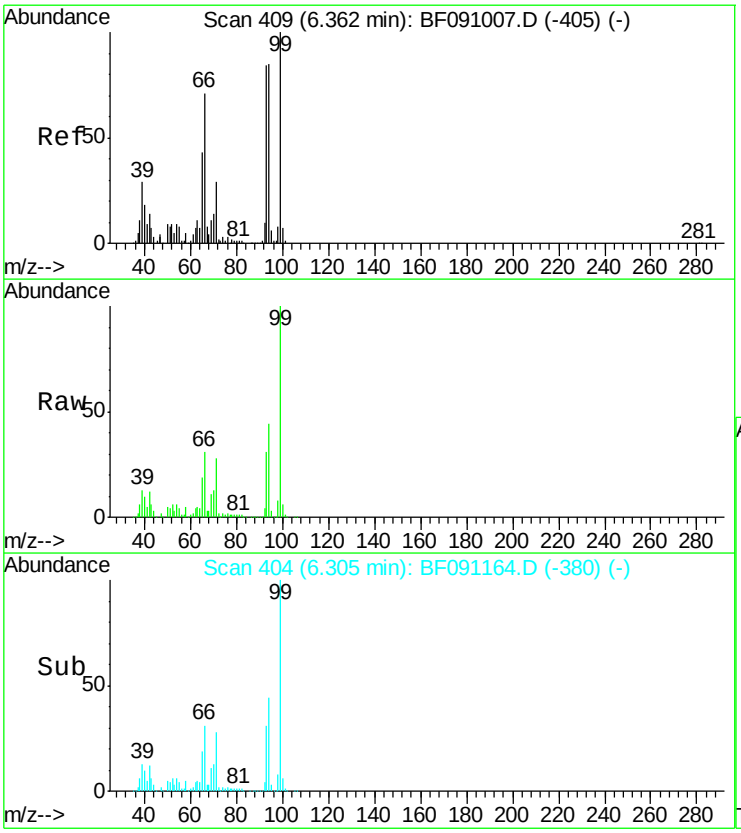

#9
Benzaldehyde
Concen: 5.82 ng
RT: 6.19 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion: 77 Resp: 48111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 90.5 | 66.8 | 106.8 |
| 106 | 86.6 | 64.0 | 104.0 |

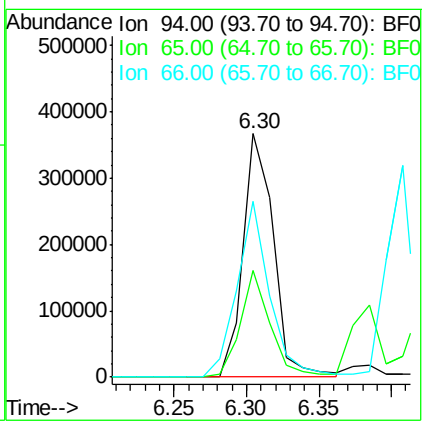


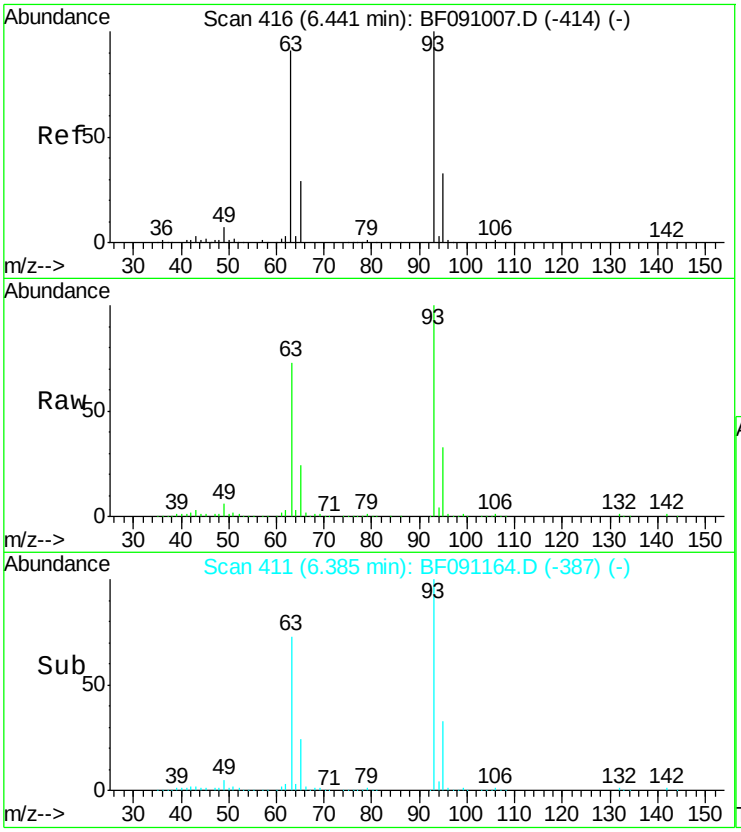




#10
Phenol
Concen: 32.53 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 94 Resp: 535775

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 44.0 | 30.4 | 70.4 |
| 66 | 72.0 | 62.9 | 102.9 |



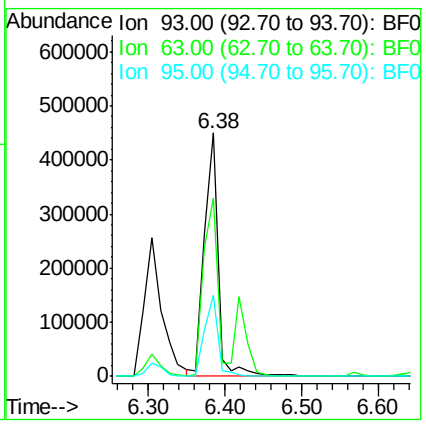


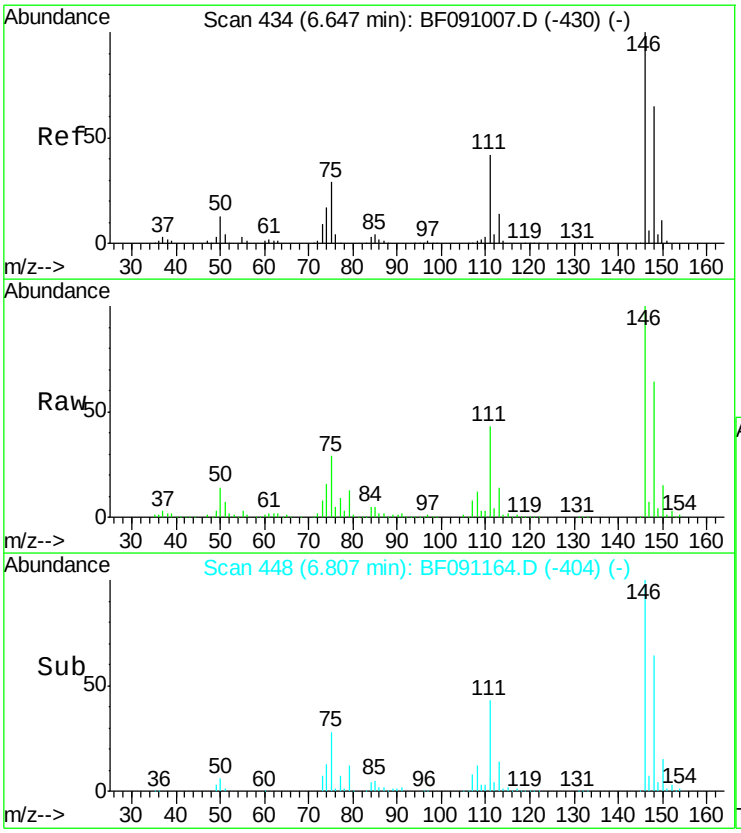

#11
bis(2-Chloroethyl)ether
Concen: 39.73 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion: 93 Resp: 551421

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 73.2 | 68.9 | 108.9 |
| 95 | 33.2 | 12.3 | 52.3 |

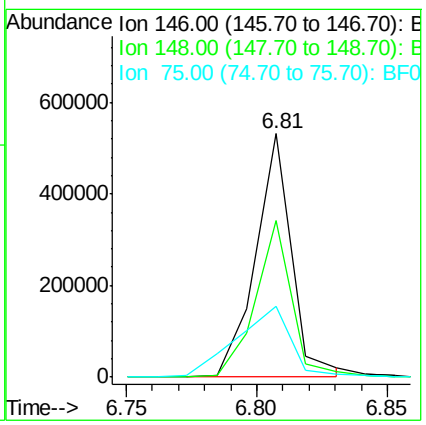


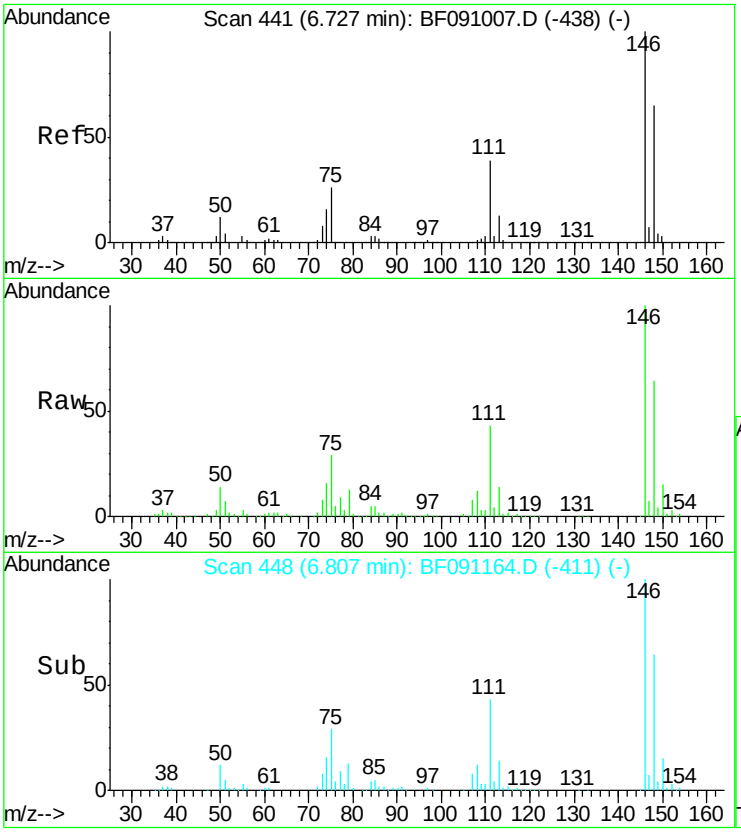




#12
1,3-Dichlorobenzene
Concen: 38.73 ng
RT: 6.81 min Scan# 448
Delta R.T. 0.21 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:146 Resp: 512405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 52.0 | 78.0 |
| 75 | 29.1 | 23.0 | 34.6 |



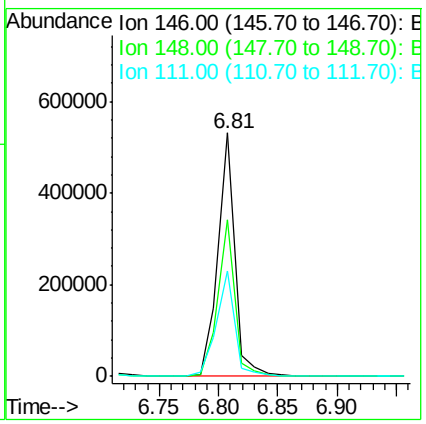


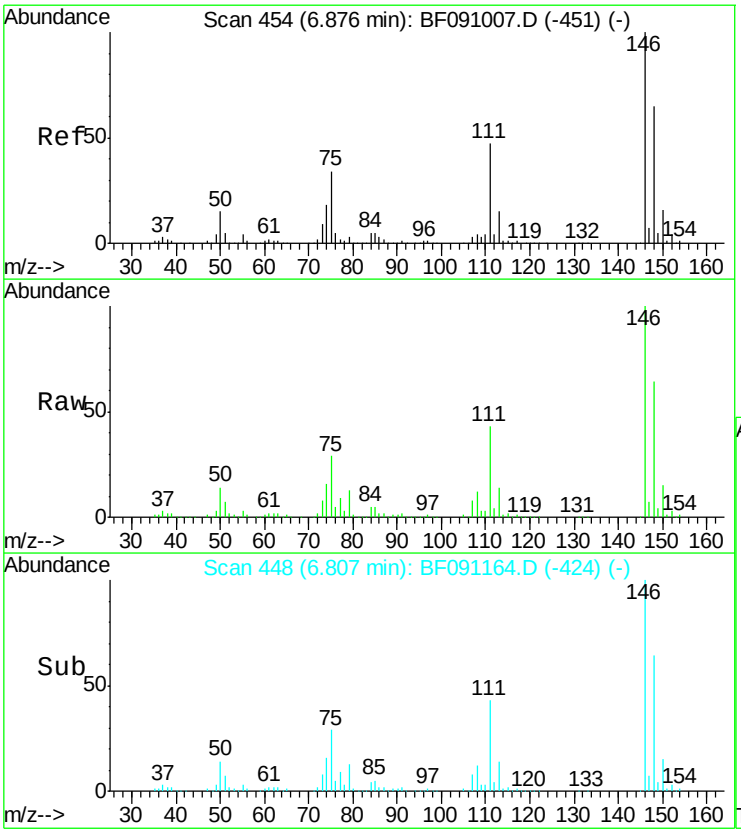

#13
1,4-Dichlorobenzene
Concen: 36.56 ng
RT: 6.81 min Scan# 448
Delta R.T. 0.13 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:146 Resp: 518904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 52.1 | 78.1 |
| 111 | 43.1 | 31.6 | 47.4 |

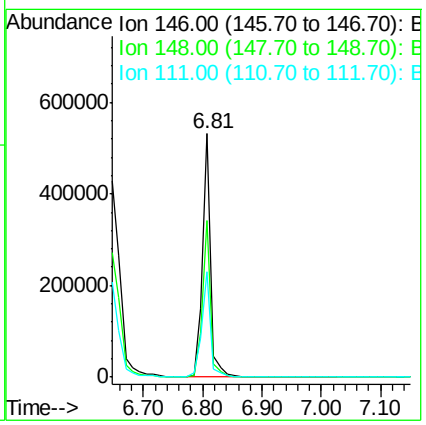


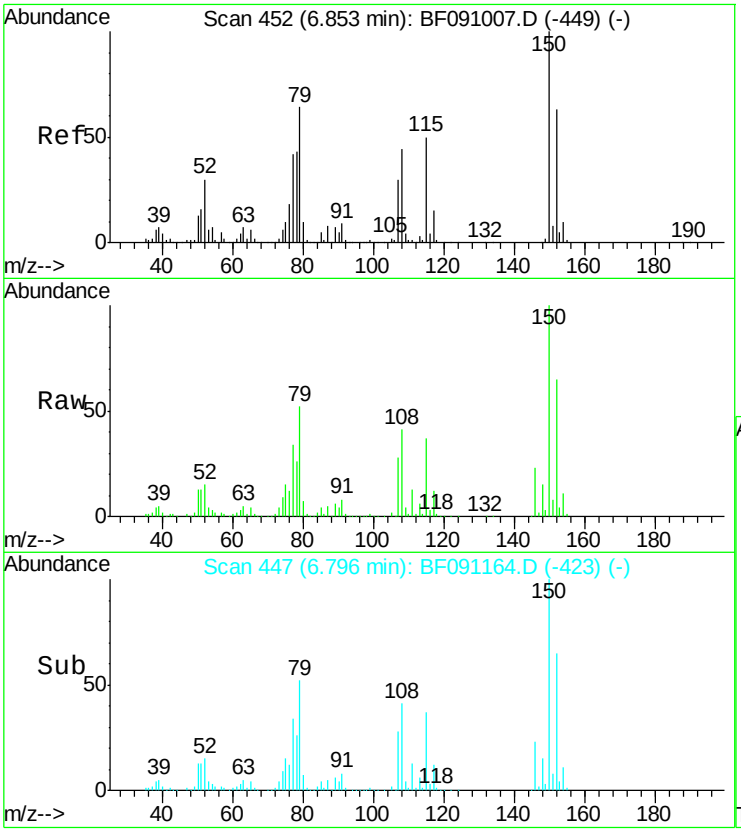




#14
1,2-Dichlorobenzene
Concen: 40.70 ng
RT: 6.81 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:146 Resp: 530235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 51.6 | 77.4 |
| 111 | 43.1 | 37.3 | 55.9 |



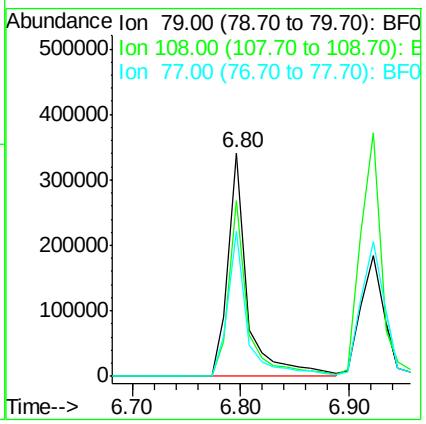


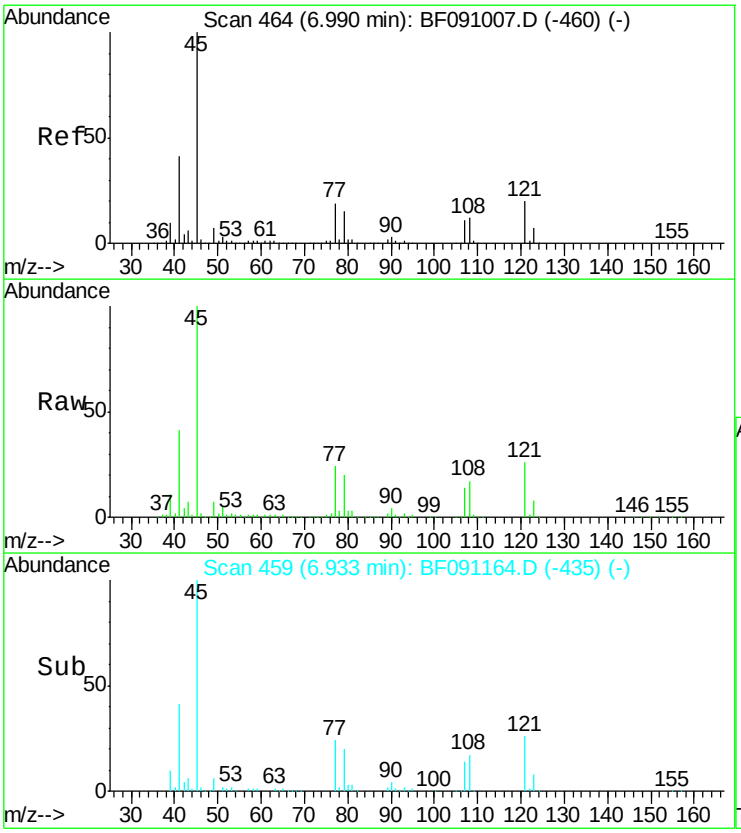

#15
Benzyl Alcohol
Concen: 40.43 ng
RT: 6.80 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion: 79 Resp: 424494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.7 | 55.7 | 83.5 |
| 77 | 64.8 | 52.6 | 79.0 |

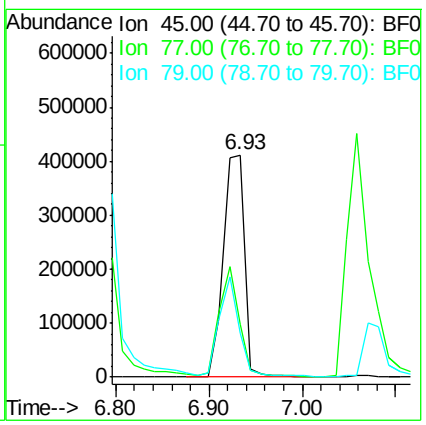


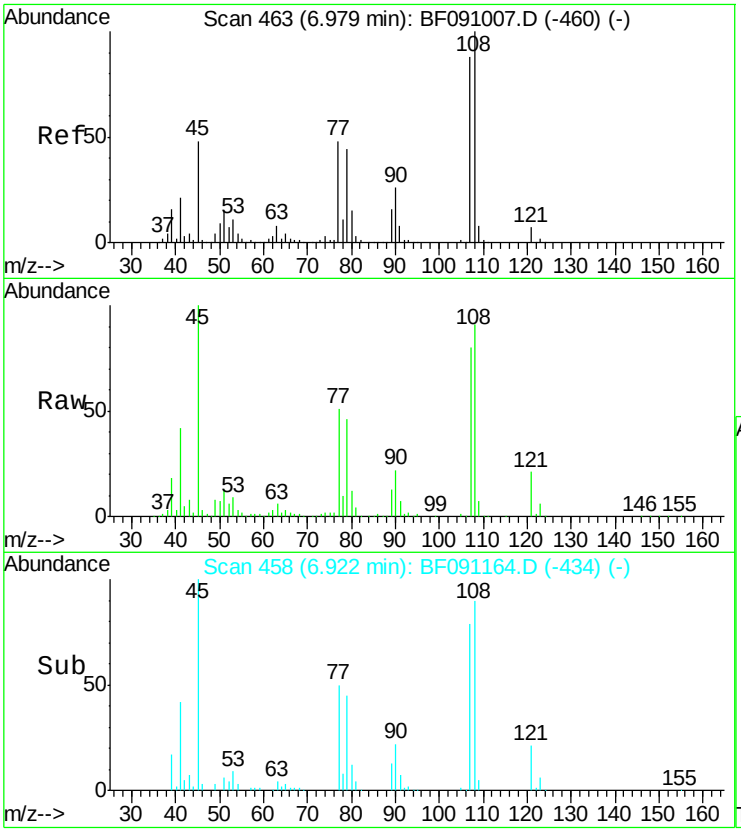




#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.95 ng
RT: 6.93 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 45 Resp: 654863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 23.8 | 0.0 | 39.6 |
| 79 | 19.6 | 0.0 | 35.9 |



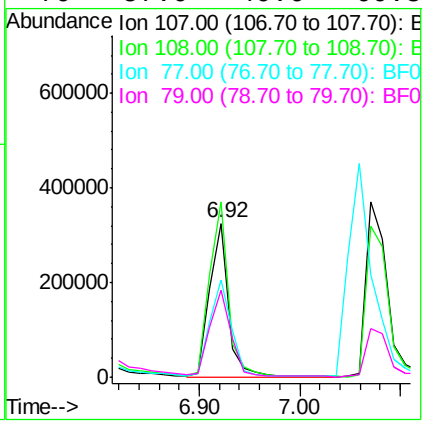


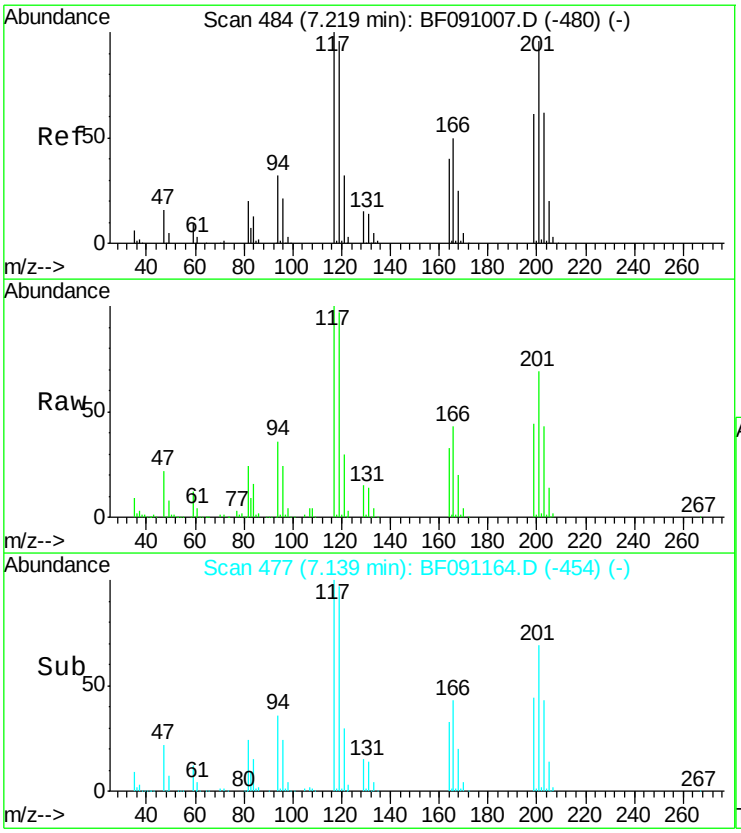

#17
2-Methylphenol
Concen: 40.38 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:107 Resp: 418110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.4 | 91.0 | 136.6 |
| 77 | 63.3 | 43.8 | 65.8 |
| 79 | 57.0 | 40.6 | 60.8 |

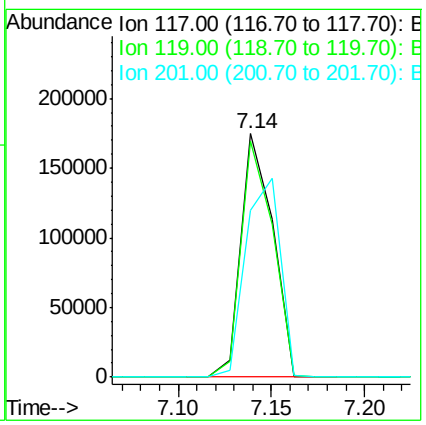


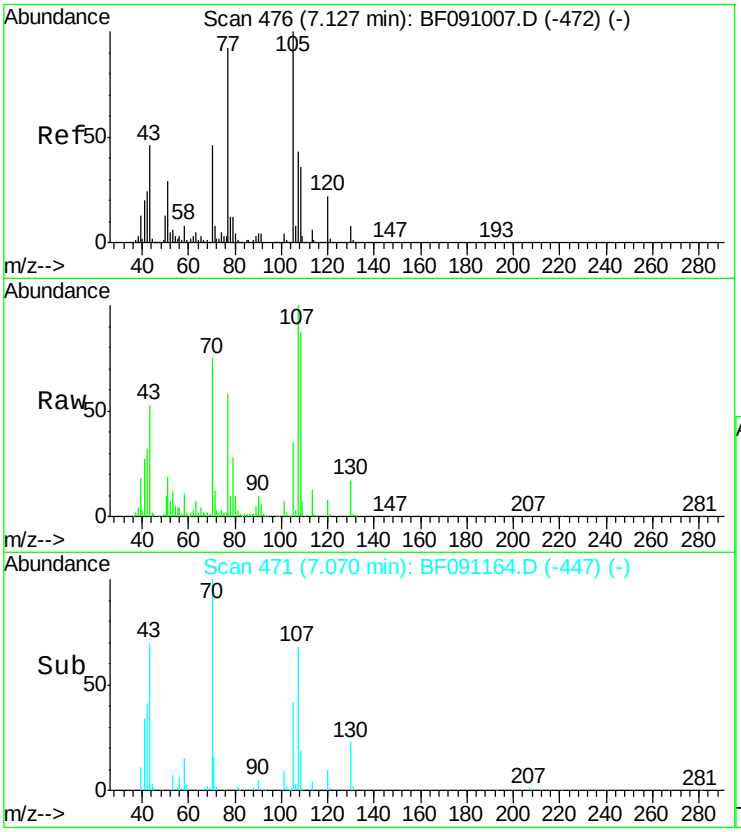




#18
Hexachloroethane
Concen: 37.60 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:117 Resp: 206564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.8 | 76.6 | 115.0 |
| 201 | 68.6 | 77.1 | 115.7# |



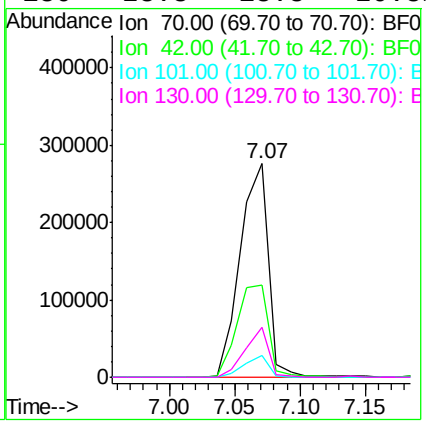


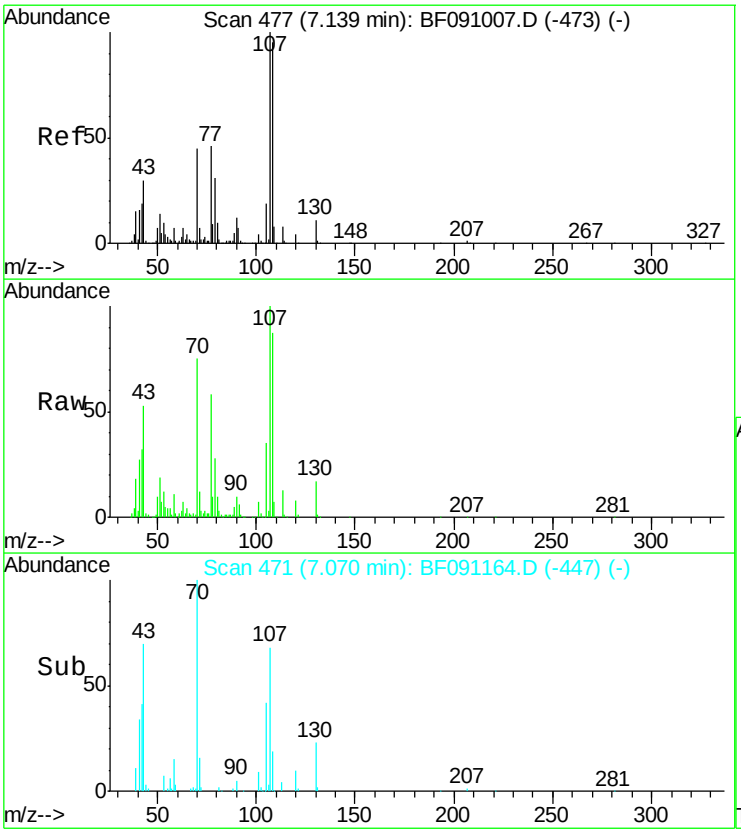

#19
n-Nitroso-di-n-propylamine
Concen: 40.14 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion: 70 Resp: 414014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 43.1 | 41.7 | 62.5 |
| 101 | 10.0 | 6.7 | 10.1 |
| 130 | 23.3 | 13.8 | 20.8# |

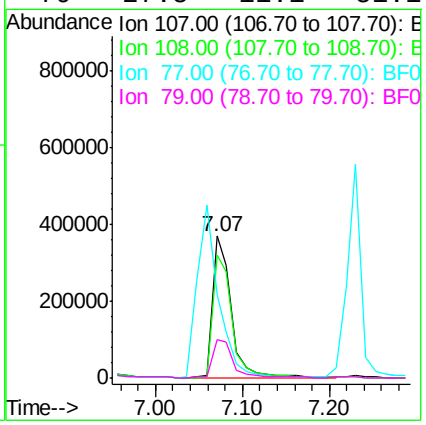


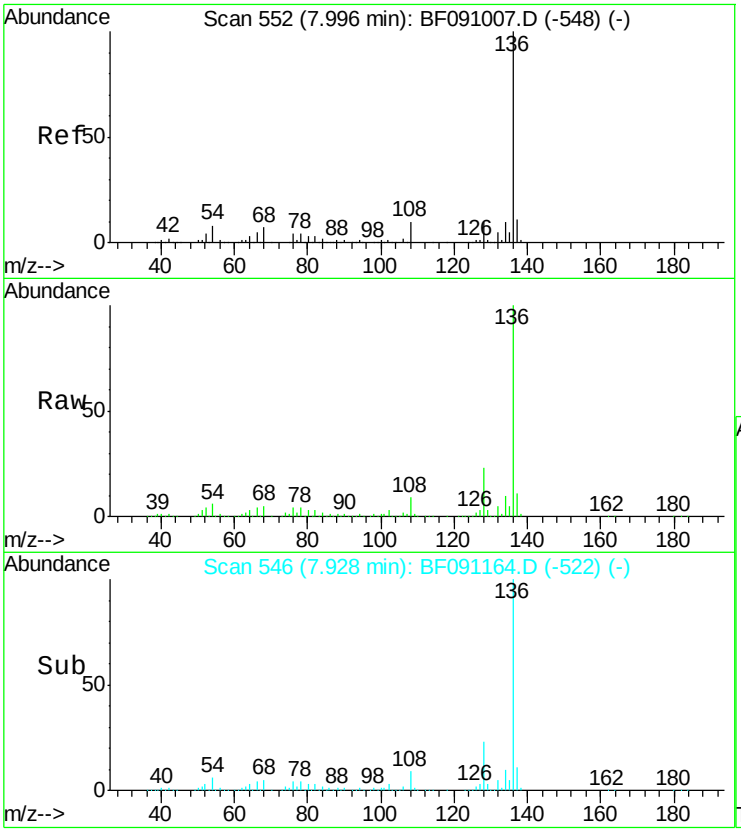




#20
3+4-Methylphenols
Concen: 44.17 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:107 Resp: 549174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 86.7 | 75.5 | 115.5 |
| 77 | 58.3 | 26.4 | 66.4 |
| 79 | 27.5 | 11.1 | 51.1 |



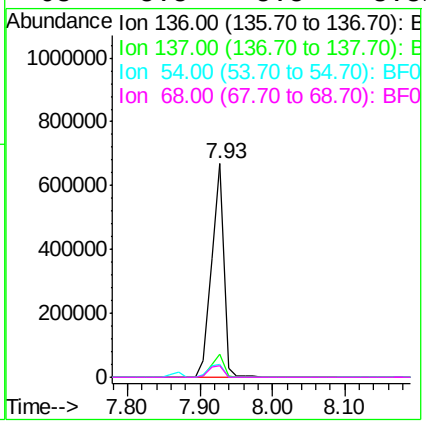


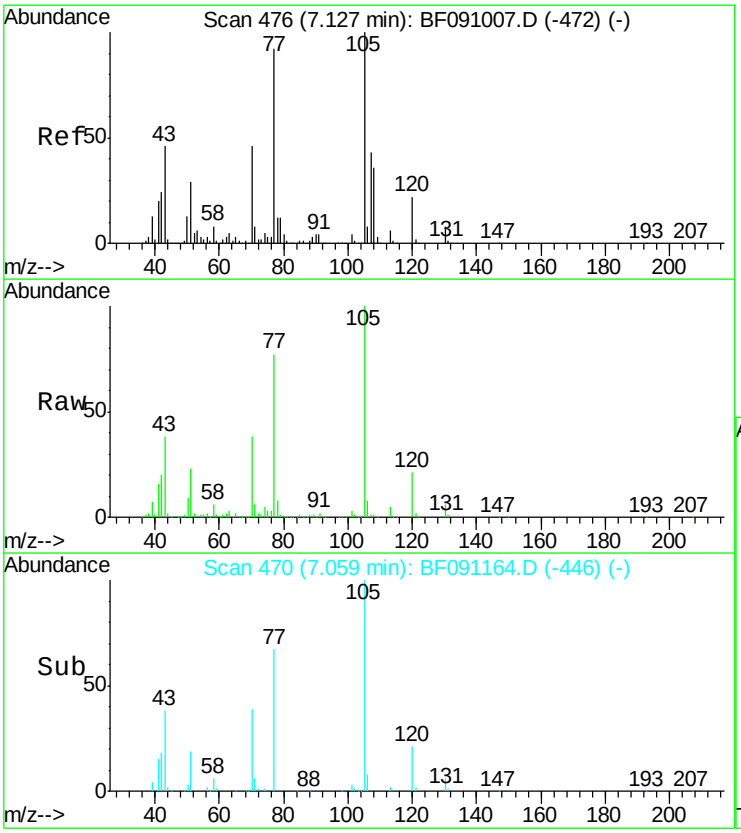

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:136 Resp: 778970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 6.0 | 6.2 | 9.2# |
| 68 | 5.5 | 5.5 | 8.3# |

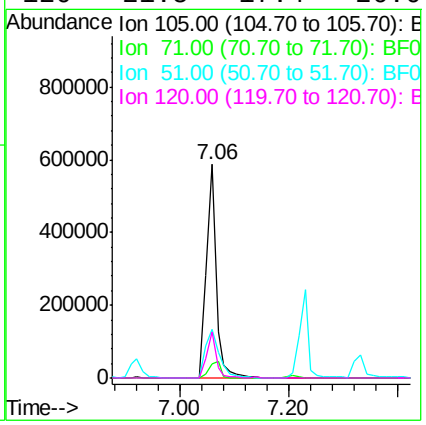


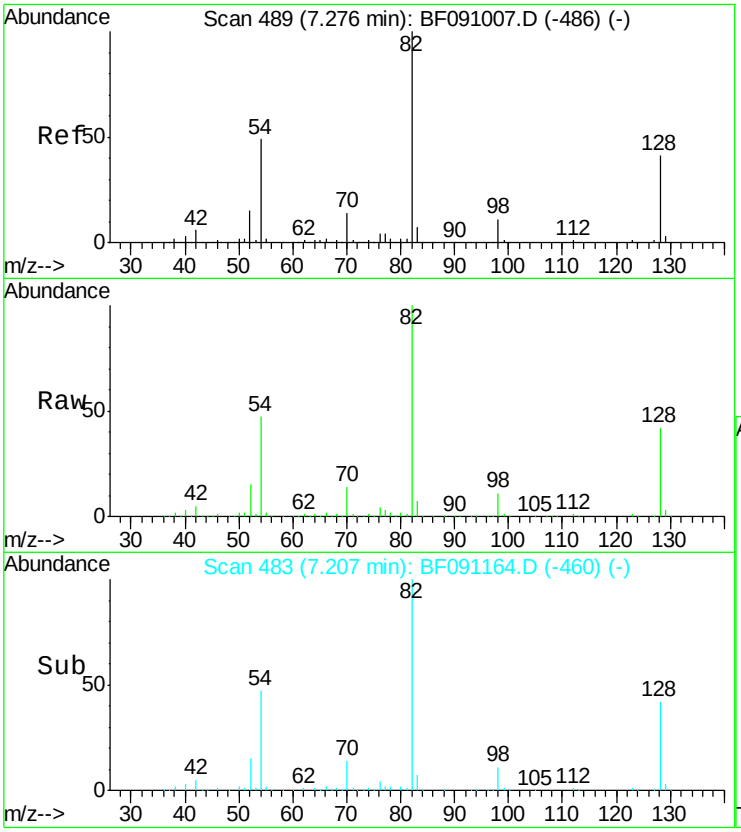




#22
Acetophenone
Concen: 41.49 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:105 Resp: 744176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 6.4 | 6.2 | 9.2 |
| 51 | 22.9 | 23.3 | 34.9# |
| 120 | 21.5 | 17.4 | 26.0 |



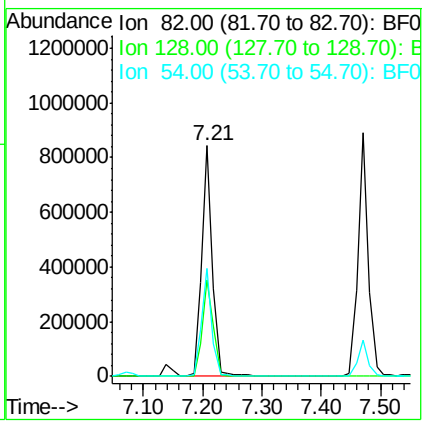


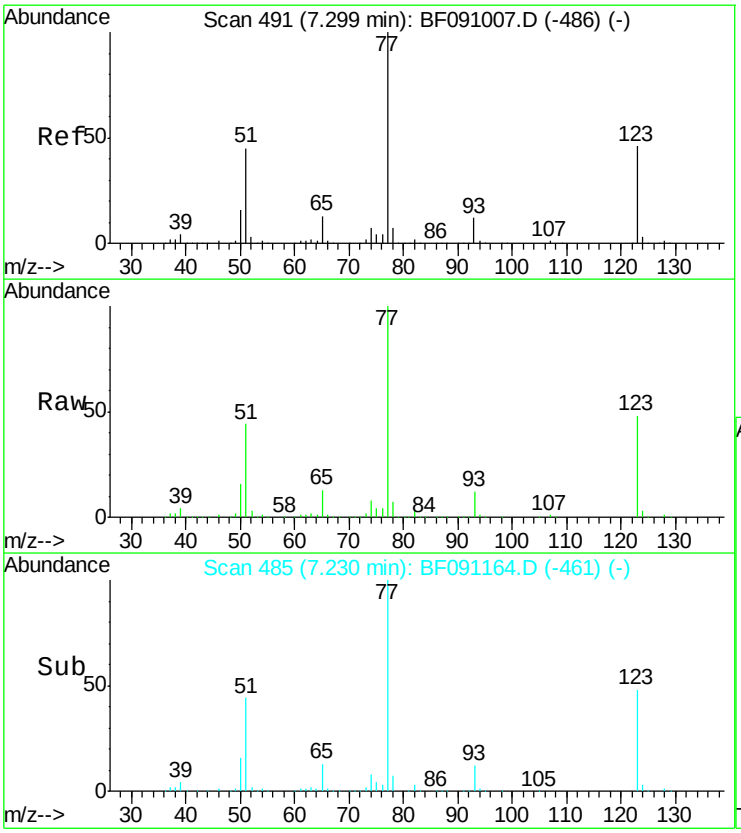

#23
Nitrobenzene-d5
Concen: 75.92 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion: 82 Resp: 1084055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.6 | 32.4 | 48.6 |
| 54 | 46.8 | 39.2 | 58.8 |

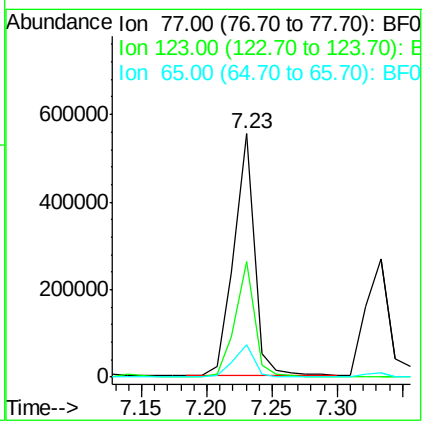


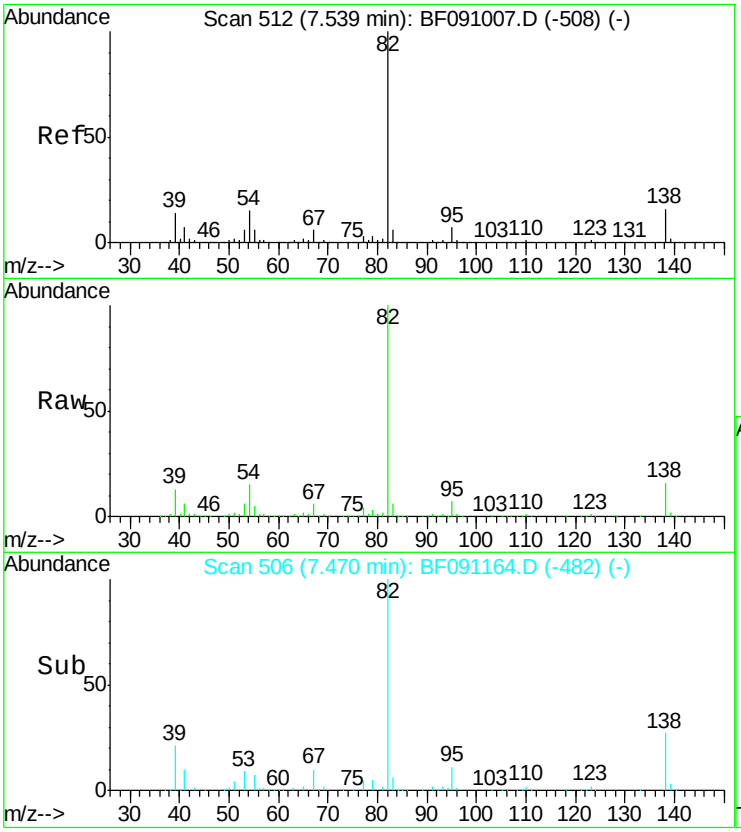




#24
Nitrobenzene
Concen: 38.85 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 77 Resp: 612627

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.8 | 36.5 | 54.7 |
| 65 | 13.2 | 10.7 | 16.1 |



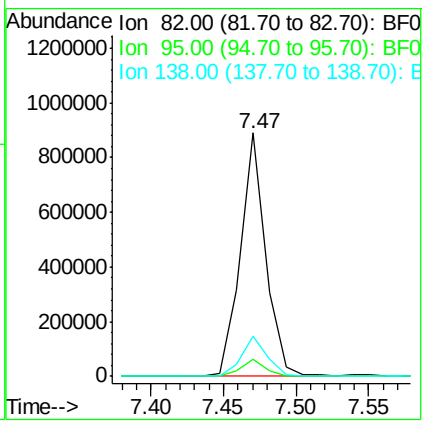


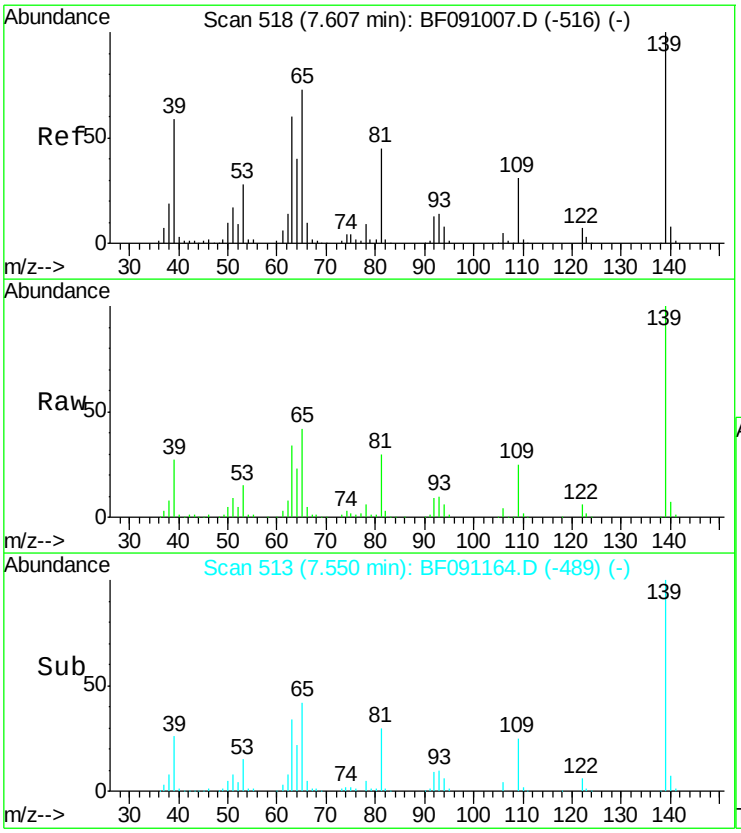

#25
Isophorone
Concen: 38.93 ng
RT: 7.47 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion: 82 Resp: 1071328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.9 | 5.4 | 8.0 |
| 138 | 16.4 | 13.0 | 19.4 |

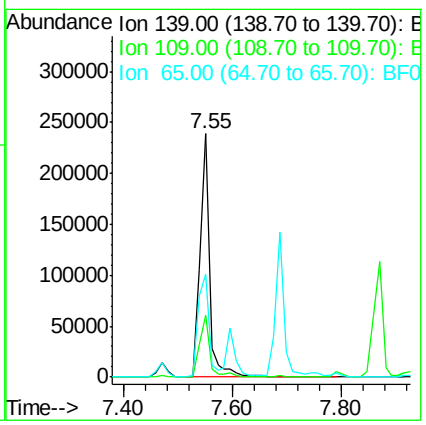


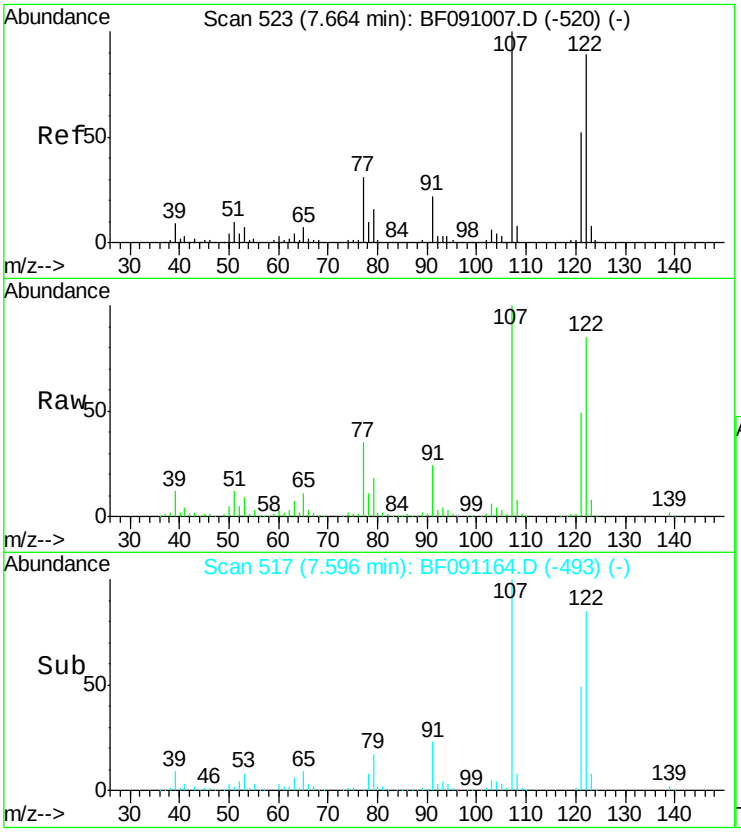




#26
2-Nitrophenol
Concen: 43.01 ng
RT: 7.55 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:139 Resp: 287058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 25.2 | 24.7 | 37.1 |
| 65 | 42.4 | 58.3 | 87.5# |



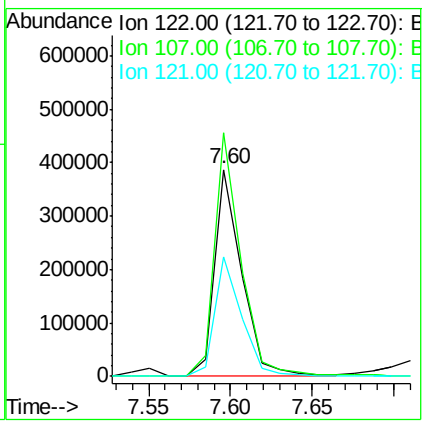


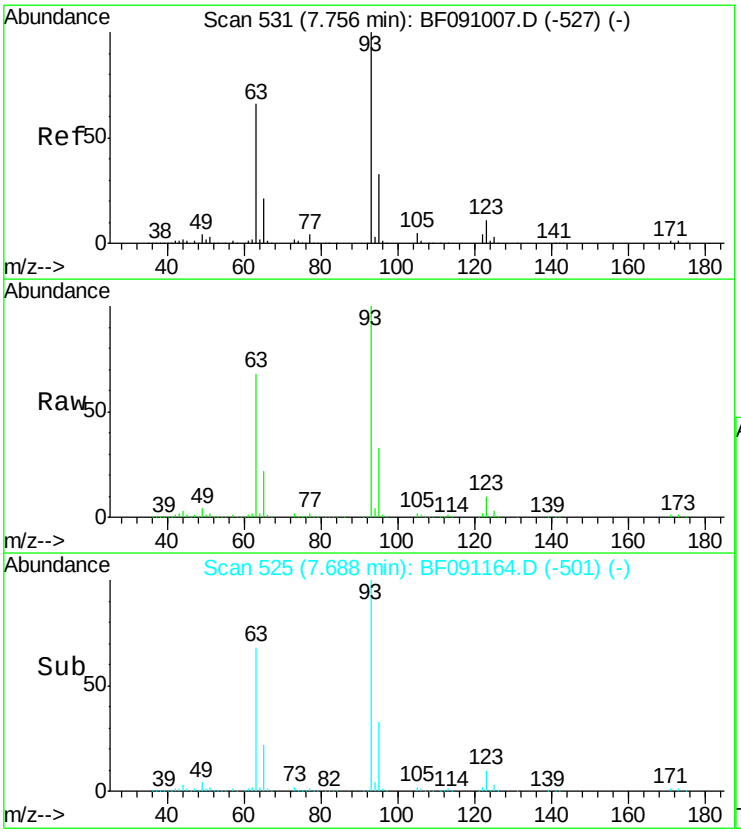

#27
2,4-Dimethylphenol
Concen: 40.14 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:122 Resp: 443073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.6 | 89.6 | 134.4 |
| 121 | 57.6 | 46.3 | 69.5 |

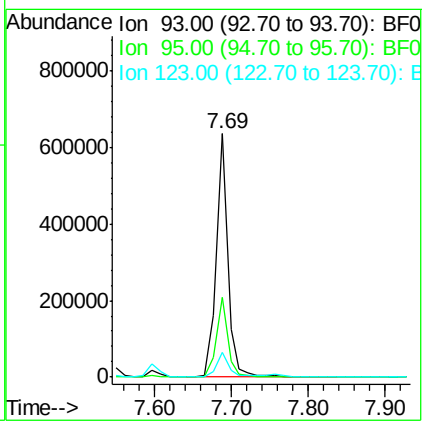


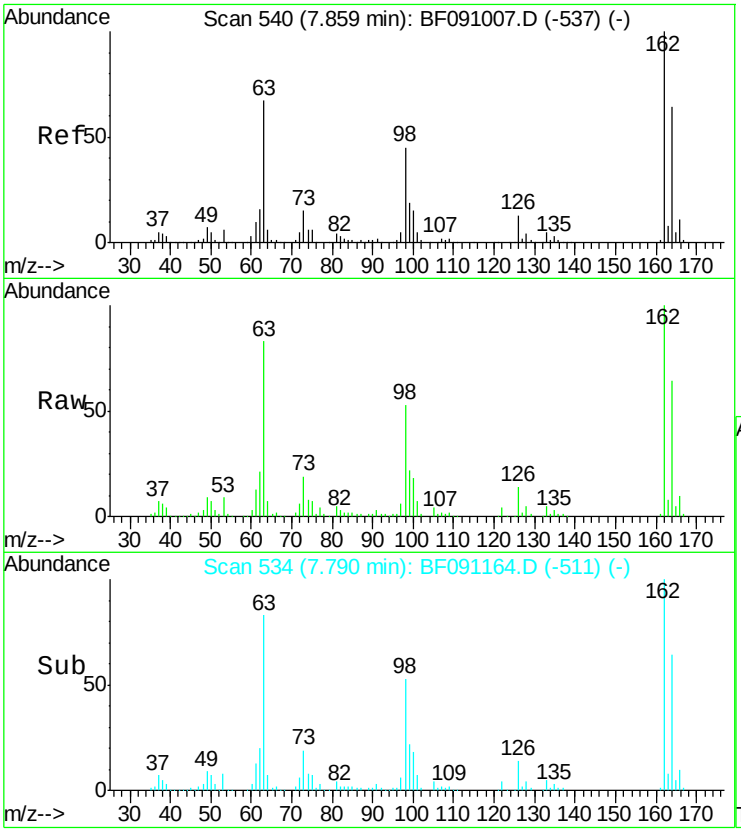




#28
bis(2-Chloroethoxy)methane
Concen: 44.41 ng
RT: 7.69 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 93 Resp: 667544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 26.3 | 39.5 |
| 123 | 10.4 | 8.7 | 13.1 |



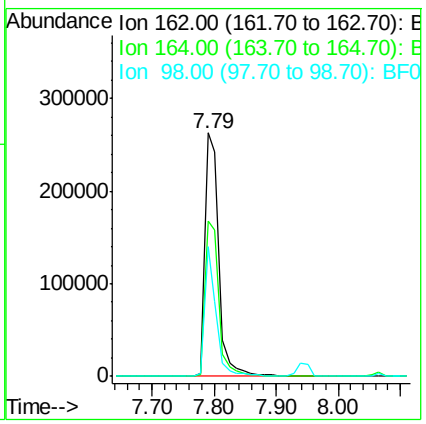


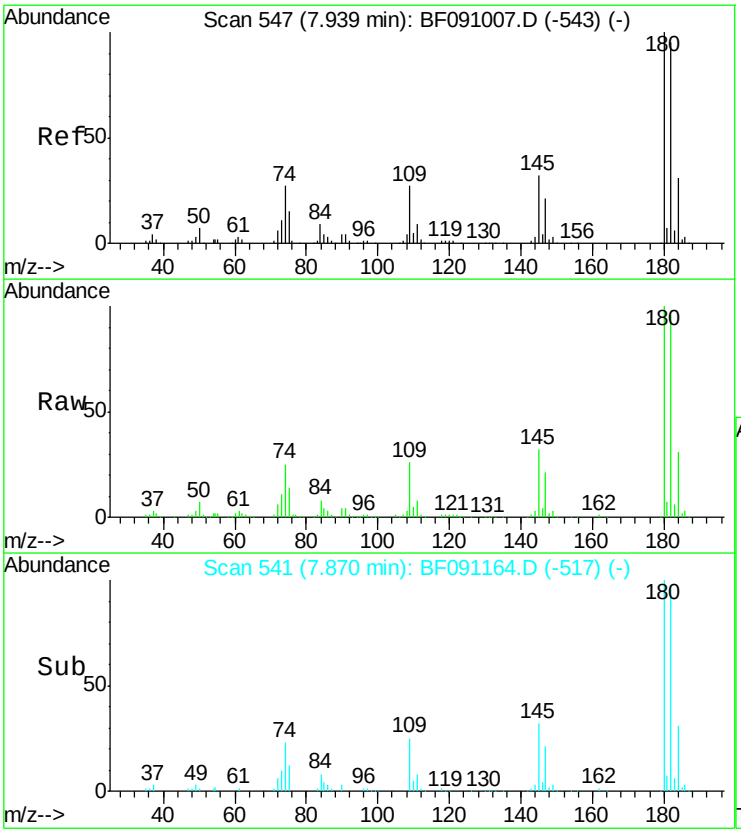

#29
2,4-Dichlorophenol
Concen: 42.12 ng
RT: 7.79 min Scan# 534
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:162 Resp: 405779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.7 | 44.4 | 84.4 |
| 98 | 53.2 | 25.2 | 65.2 |

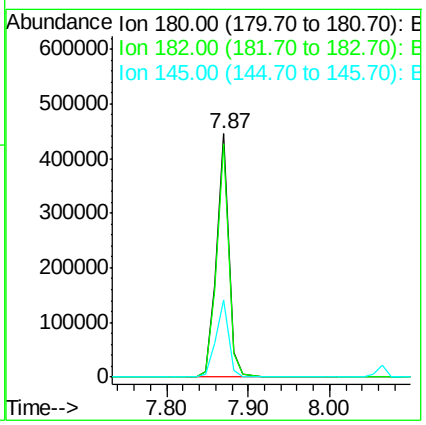


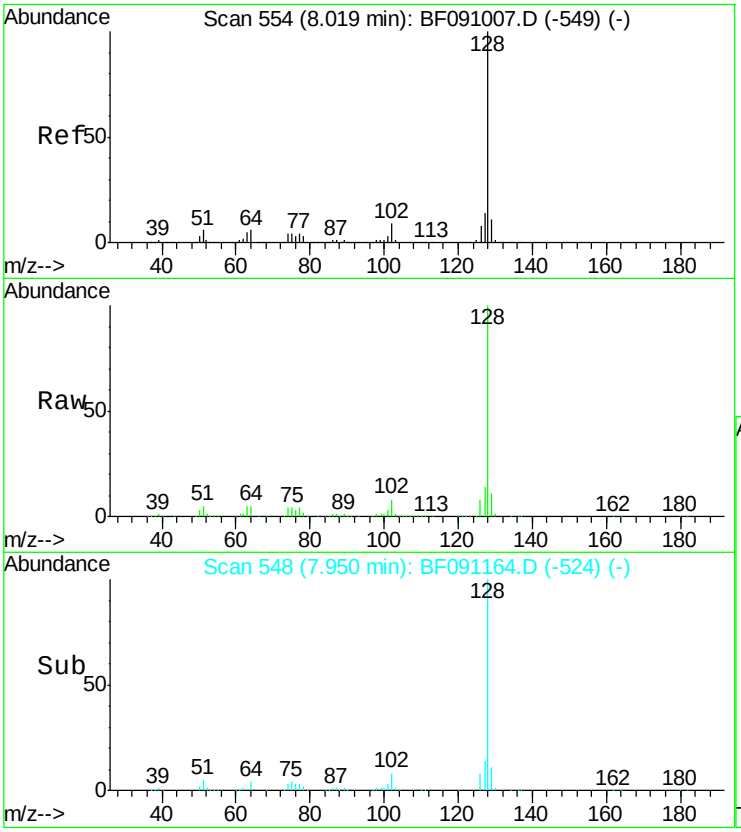




#30
1,2,4-Trichlorobenzene
Concen: 43.01 ng
RT: 7.87 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:180 Resp: 465865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.7 | 76.0 | 114.0 |
| 145 | 31.6 | 25.8 | 38.8 |



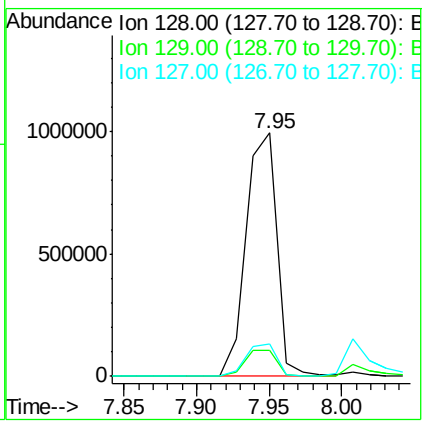


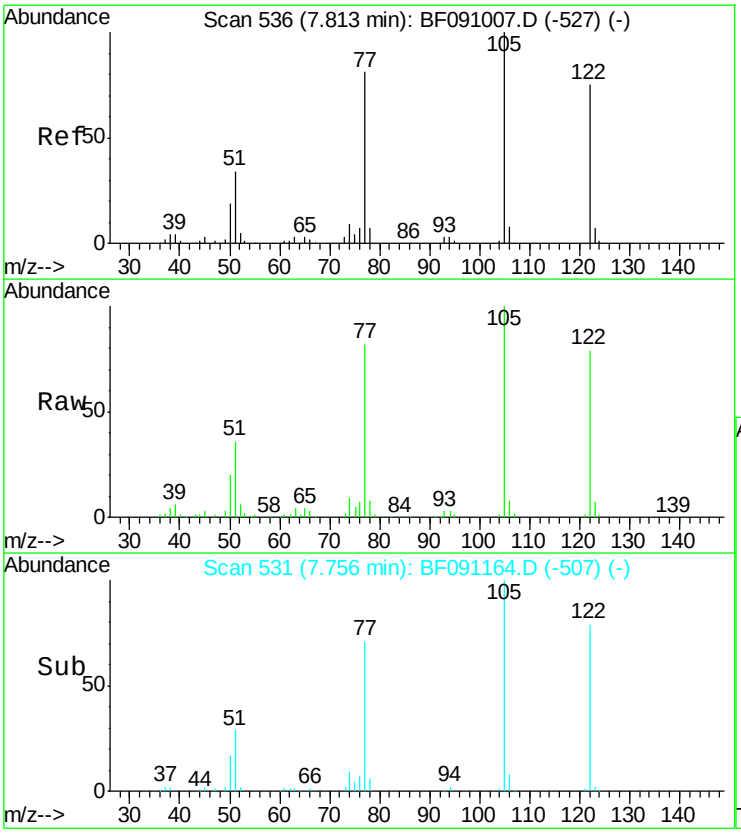

#31
Naphthalene
Concen:  39.41 ng
RT: 7.95 min  Scan# 548
Delta R.T.  -0.02 min
Lab File:  BF091164.D
Acq: 14 Nov 2016  15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:128 Resp: 1468310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.6 |
| 127 | 13.5 | 10.9 | 16.3 |

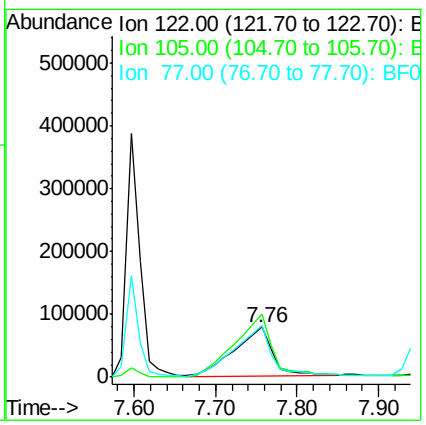


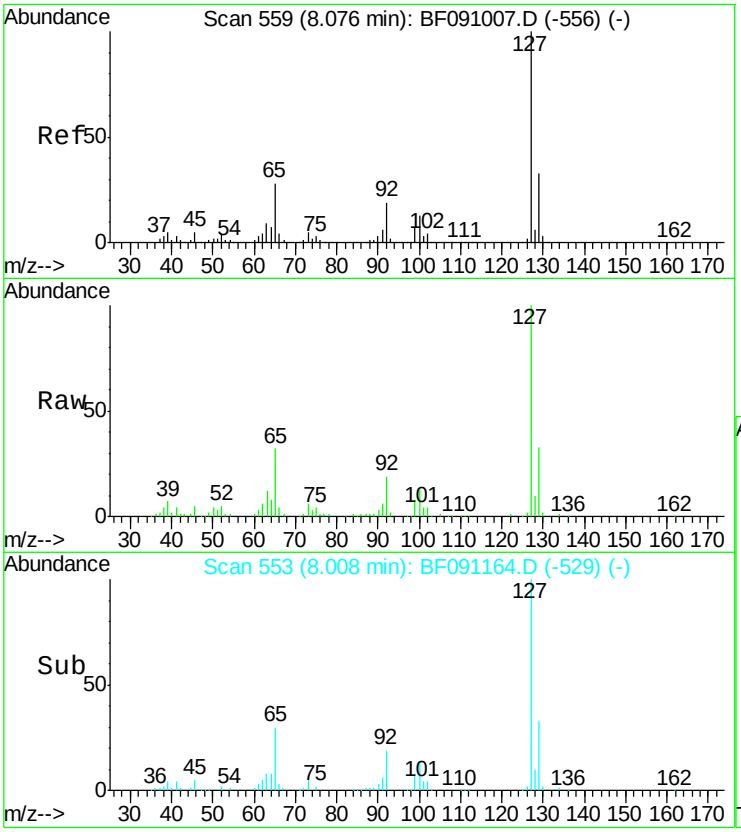




#32
Benzoic acid
Concen:  31.19 ng
RT: 7.76 min  Scan# 531
Delta R.T.  -0.02 min
Lab File:  BF091164.D
Acq: 14 Nov 2016  15:10

Tgt Ion:122 Resp:  251441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.3 | 105.9 | 145.9 |
| 77 | 104.8 | 84.0 | 124.0 |



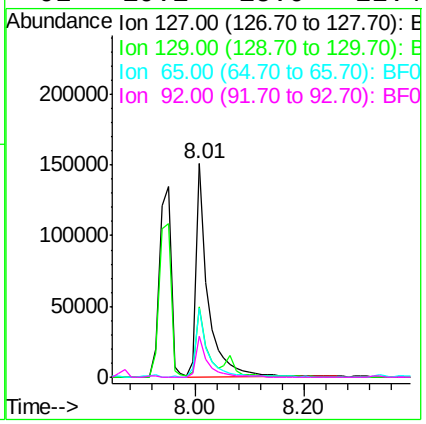


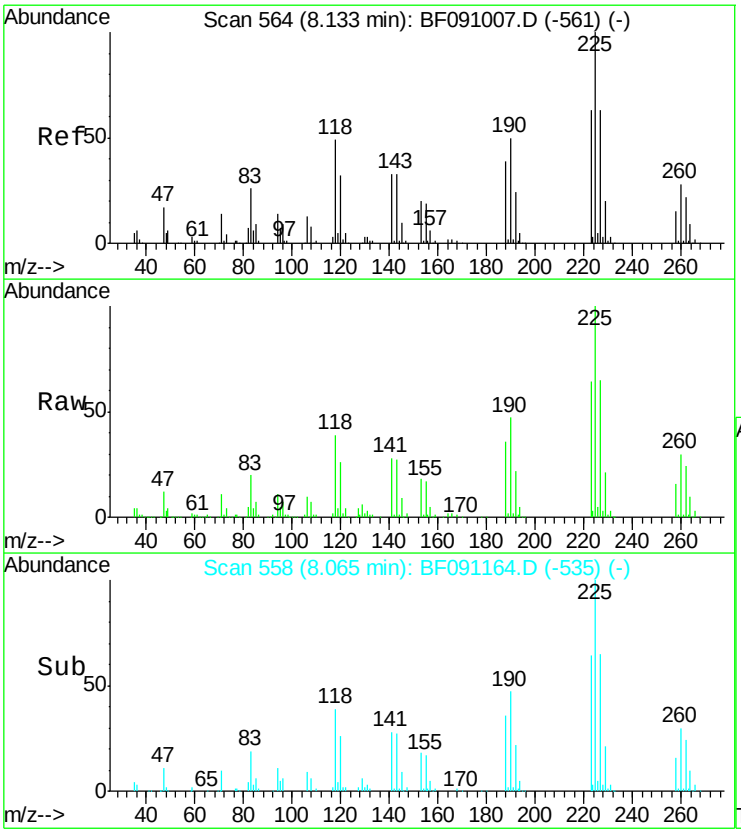

#33
4-Chloroaniline
Concen: 14.48 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:127 Resp: 224336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.7 | 26.6 | 39.8 |
| 65 | 32.3 | 22.2 | 33.2 |
| 92 | 19.1 | 15.0 | 22.4 |

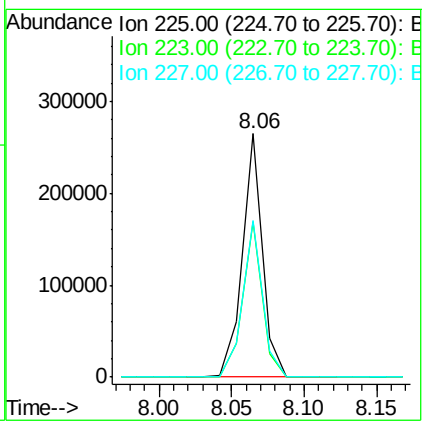


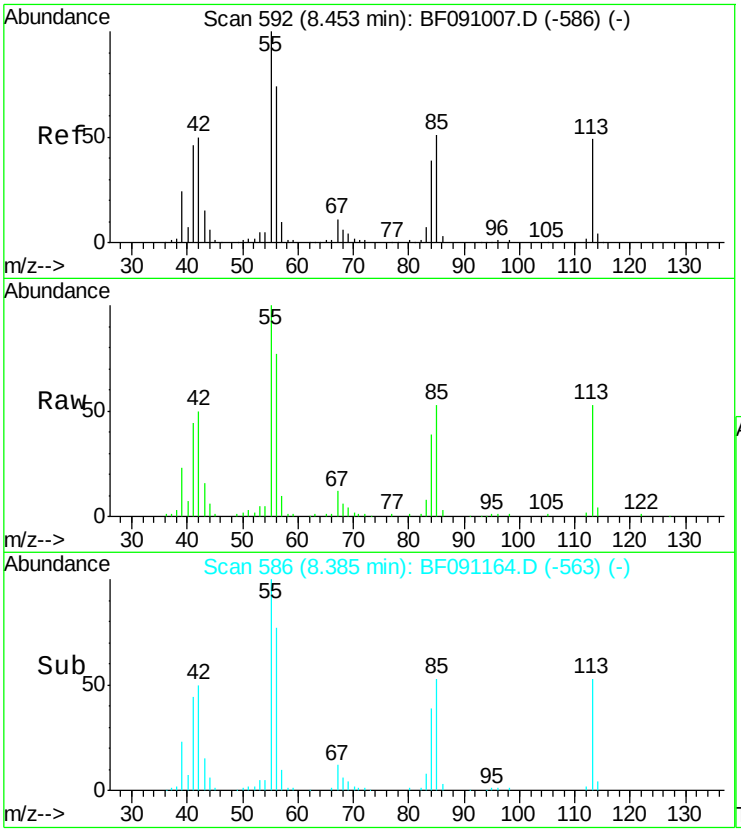




#34
Hexachlorobutadiene
Concen: 43.36 ng
RT: 8.06 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:225 Resp: 253459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.0 | 50.4 | 75.6 |
| 227 | 64.5 | 50.1 | 75.1 |



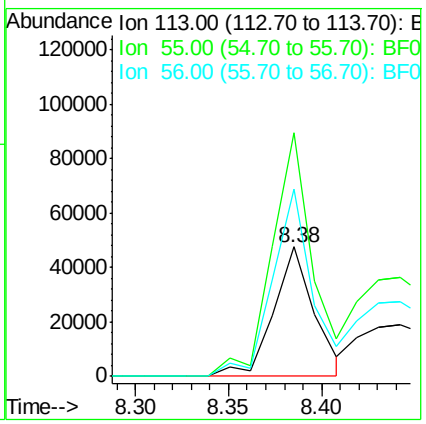


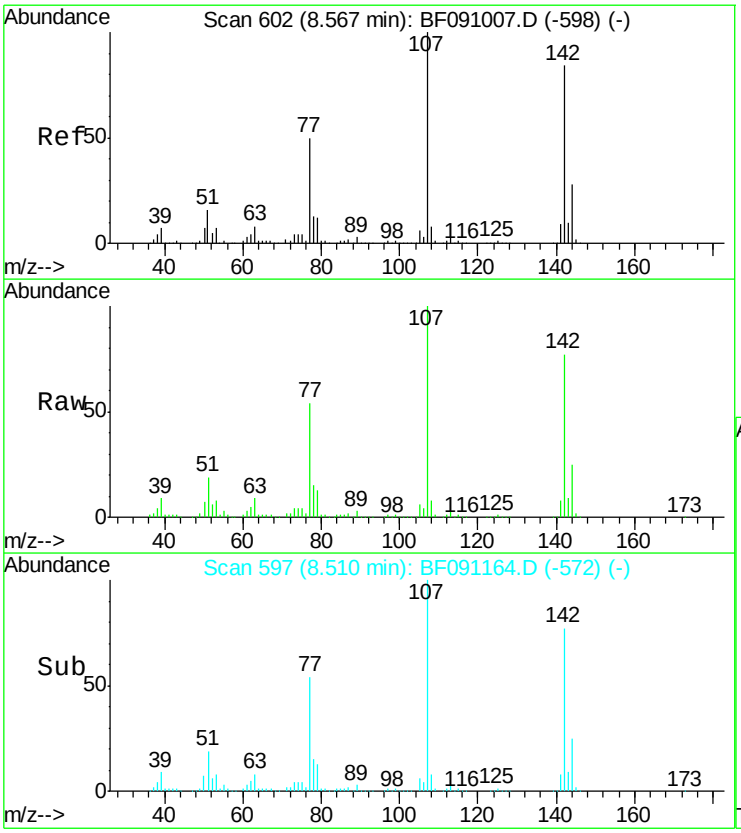

#35
Caprolactam
Concen: 23.84 ng
RT: 8.38 min Scan# 586
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:113 Resp: 72151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 188.4 | 184.1 | 224.1 |
| 56 | 144.5 | 132.0 | 172.0 |

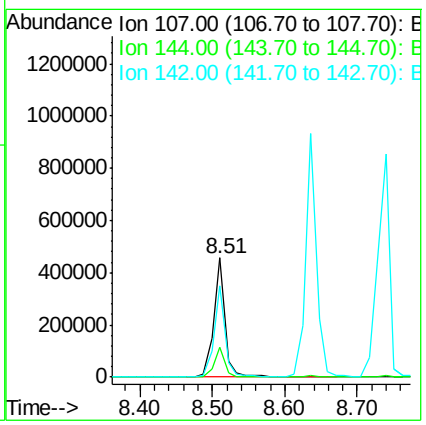


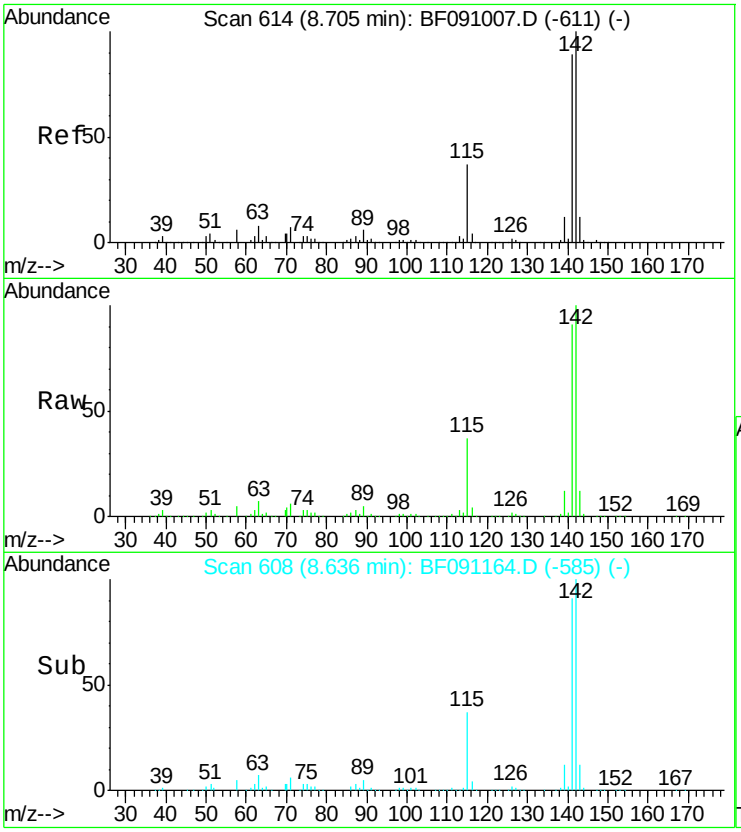




#36
4-Chloro-3-methylphenol
Concen: 42.67 ng
RT: 8.51 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:107 Resp: 497552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.4 | 22.5 | 33.7 |
| 142 | 76.7 | 67.4 | 101.2 |



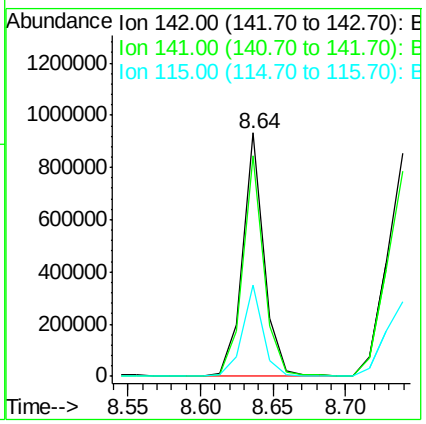


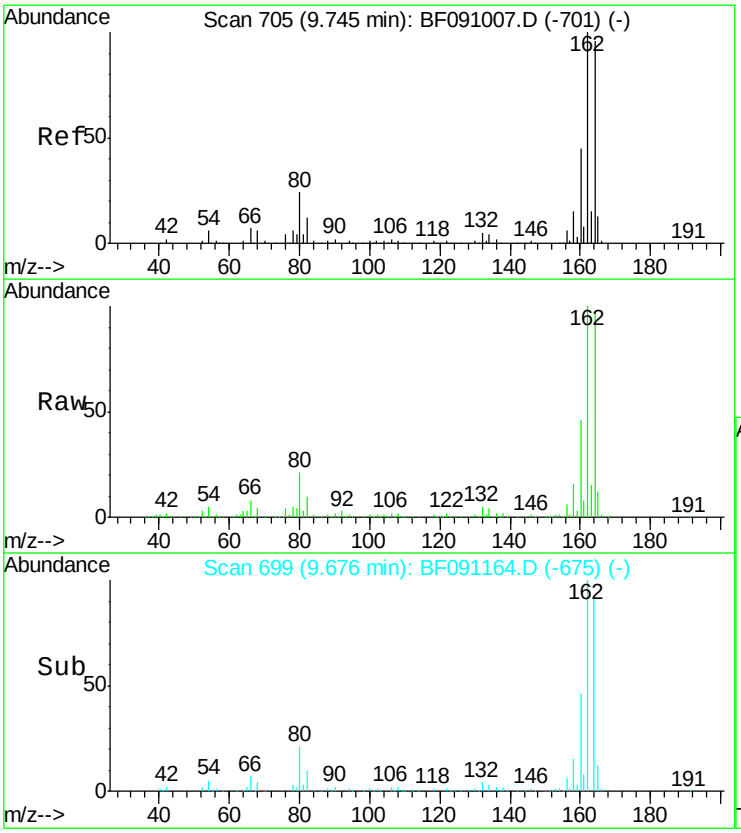

#37
2-Methylnaphthalene
Concen: 39.90 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:142 Resp: 955618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.6 | 71.3 | 106.9 |
| 115 | 37.4 | 29.9 | 44.9 |

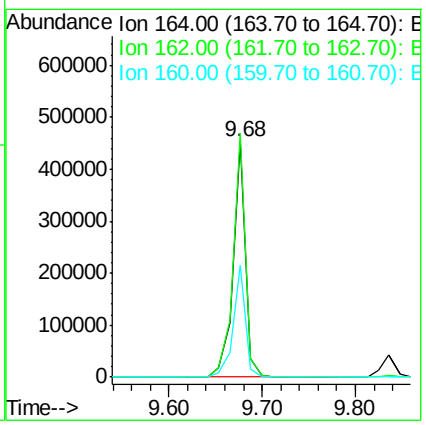


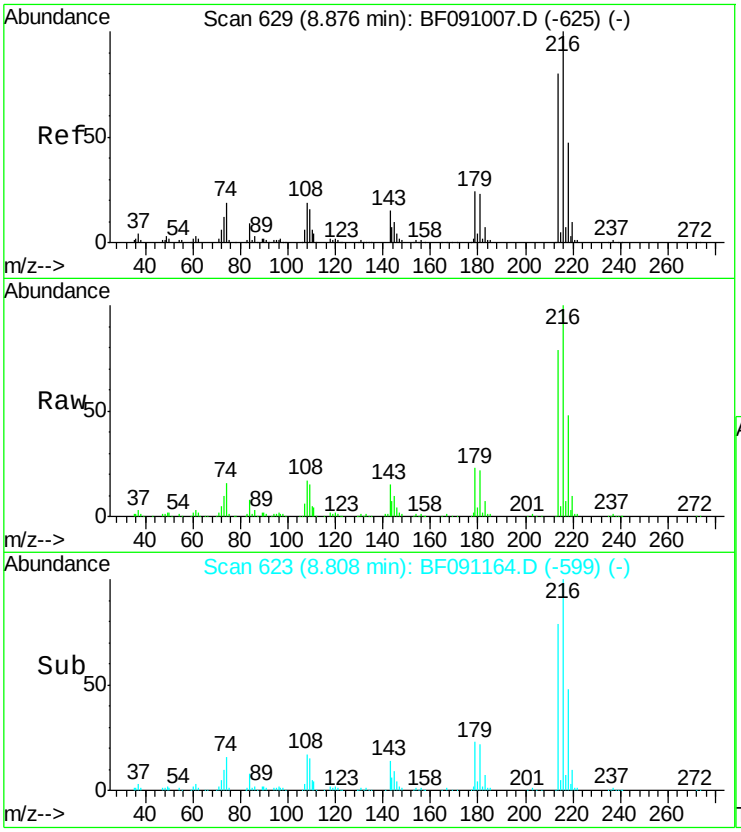




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:164 Resp: 421437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.5 | 83.6 | 125.4 |
| 160 | 47.7 | 37.9 | 56.9 |



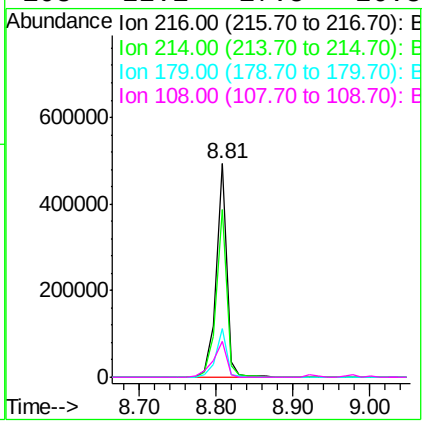


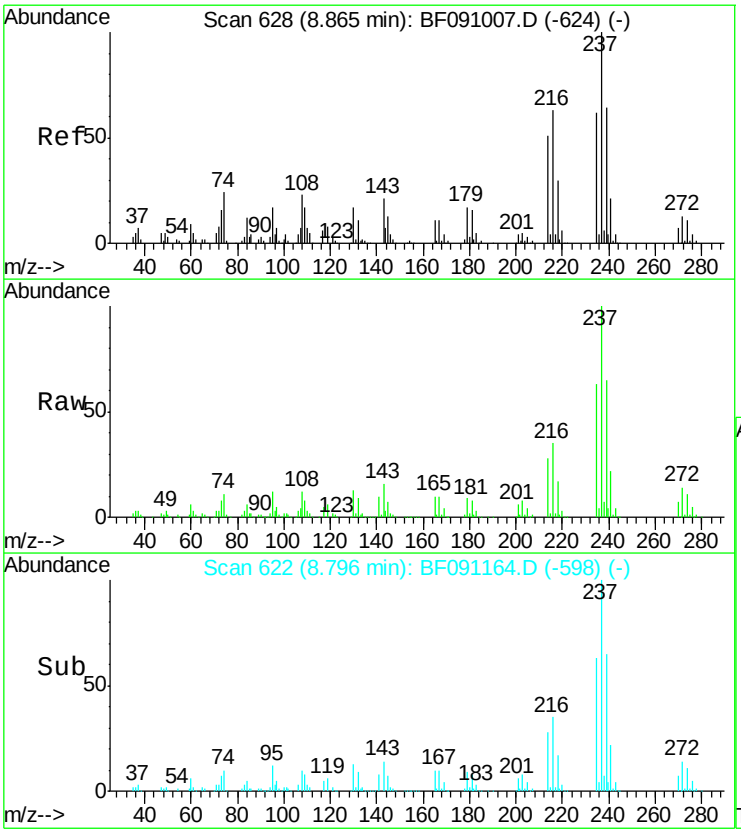

#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.56 ng
RT: 8.81 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:216 Resp: 468052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 63.5 | 95.3 |
| 179 | 23.0 | 19.1 | 28.7 |
| 108 | 22.1 | 17.5 | 26.3 |

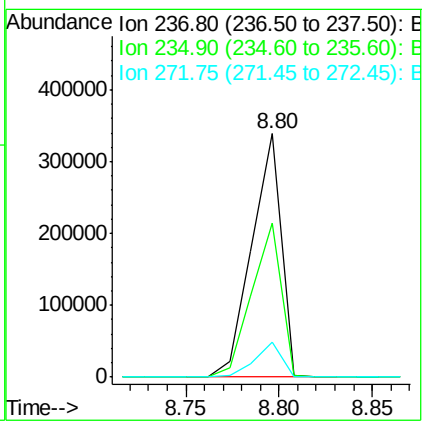


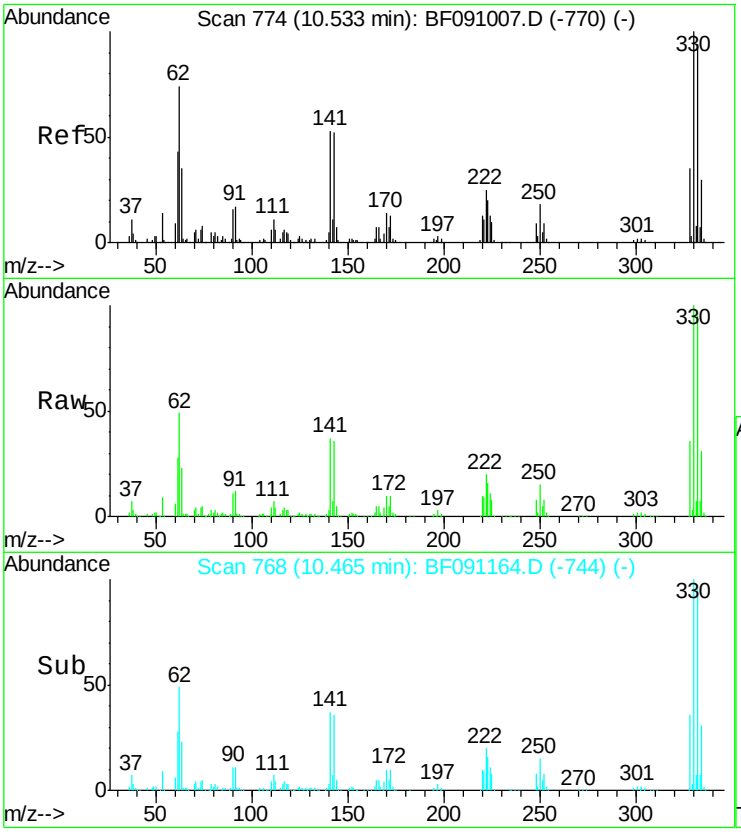




#40
Hexachlorocyclopentadiene
Concen: 87.95 ng
RT: 8.80 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:237 Resp: 369661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.1 | 42.1 | 82.1 |
| 272 | 14.3 | 0.0 | 33.1 |



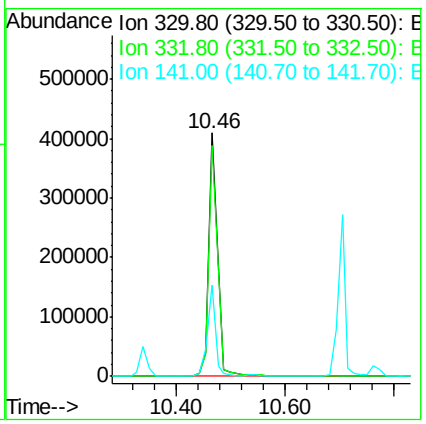


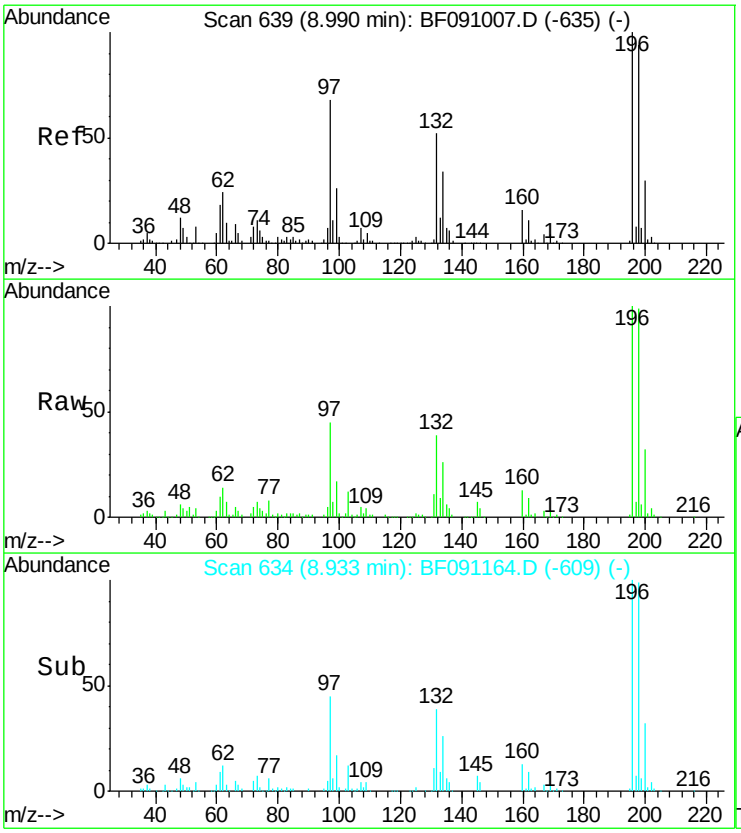

#41
2,4,6-Tribromophenol
Concen: 122.18 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:330 Resp: 465517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 75.9 | 113.9 |
| 141 | 34.1 | 36.1 | 54.1# |

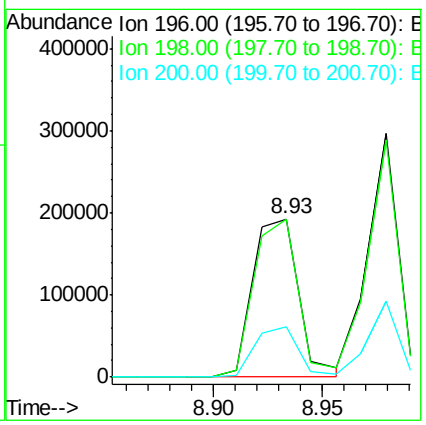


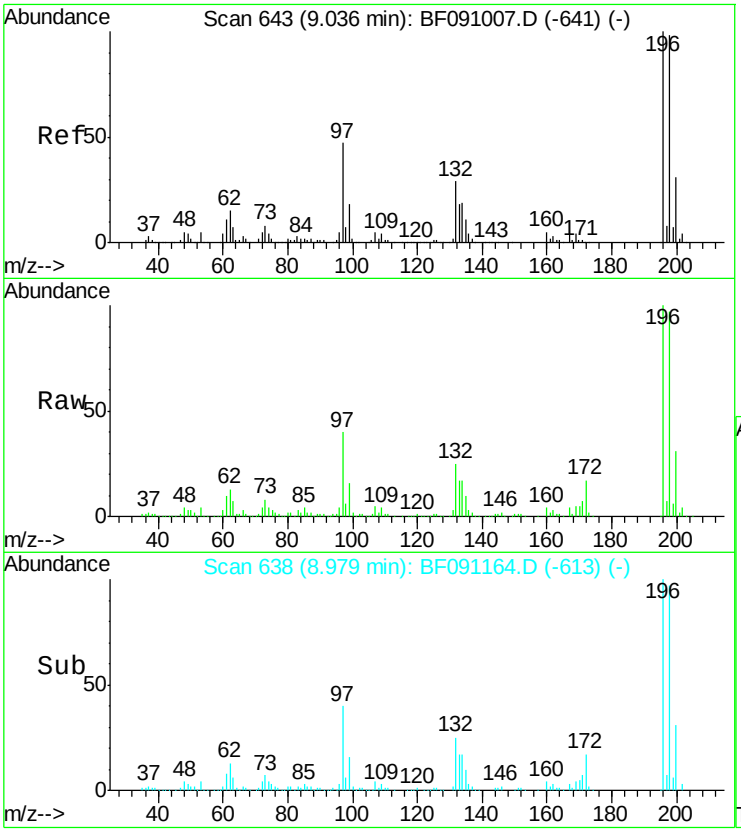




#42
2,4,6-Trichlorophenol
Concen: 41.08 ng
RT: 8.93 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:196 Resp: 284921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 99.4 | 75.4 | 113.0 |
| 200 | 32.2 | 24.1 | 36.1 |



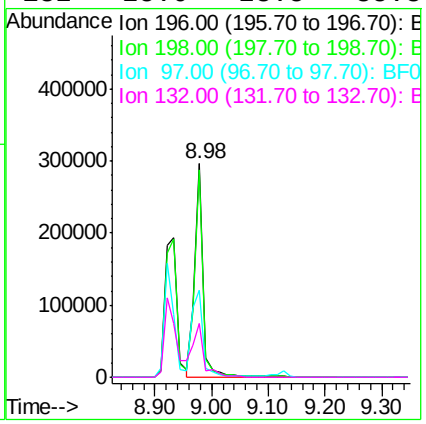


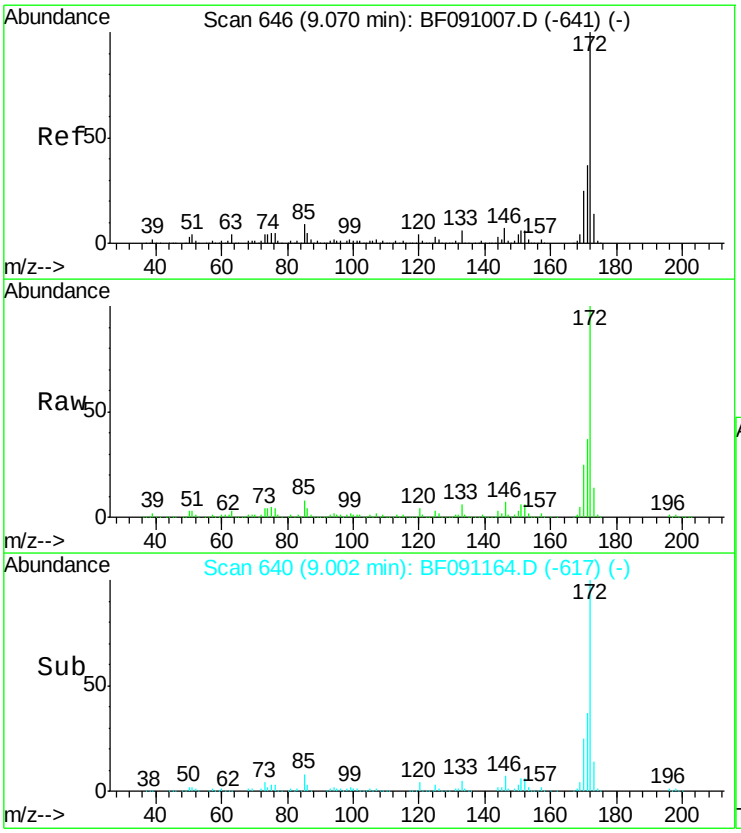

#43
2,4,5-Trichlorophenol
Concen: 42.43 ng
RT: 8.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:196 Resp: 308978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.3 | 78.2 | 117.4 |
| 97 | 40.5 | 38.8 | 58.2 |
| 132 | 25.0 | 23.5 | 35.3 |

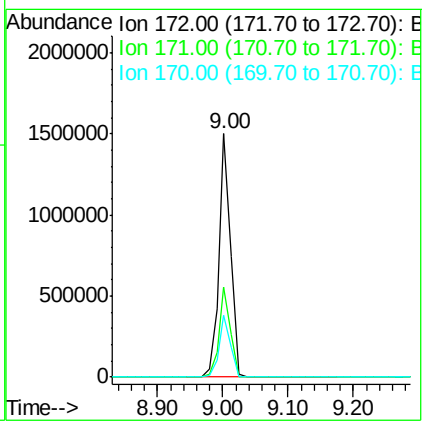


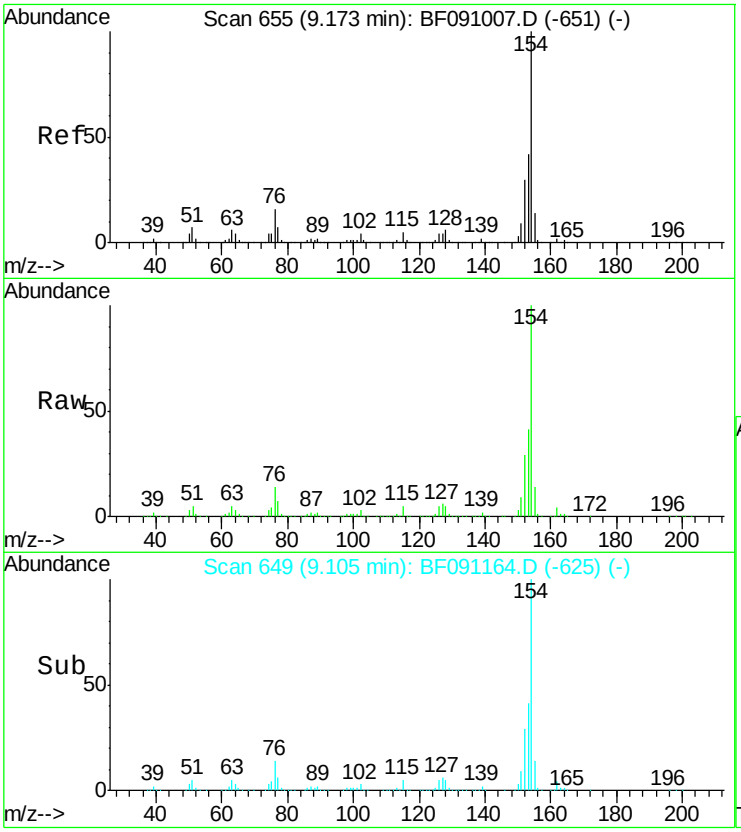




#44
2-Fluorobiphenyl
Concen: 77.32 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:172 Resp: 1892763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 29.8 | 44.6 |
| 170 | 25.3 | 20.3 | 30.5 |



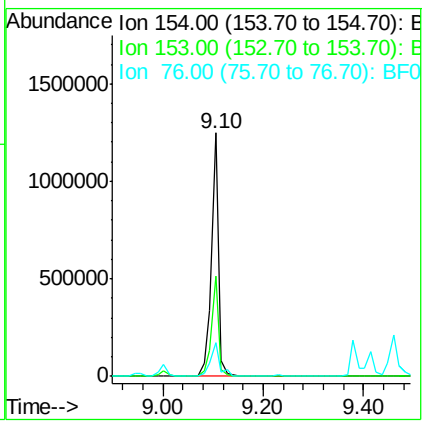


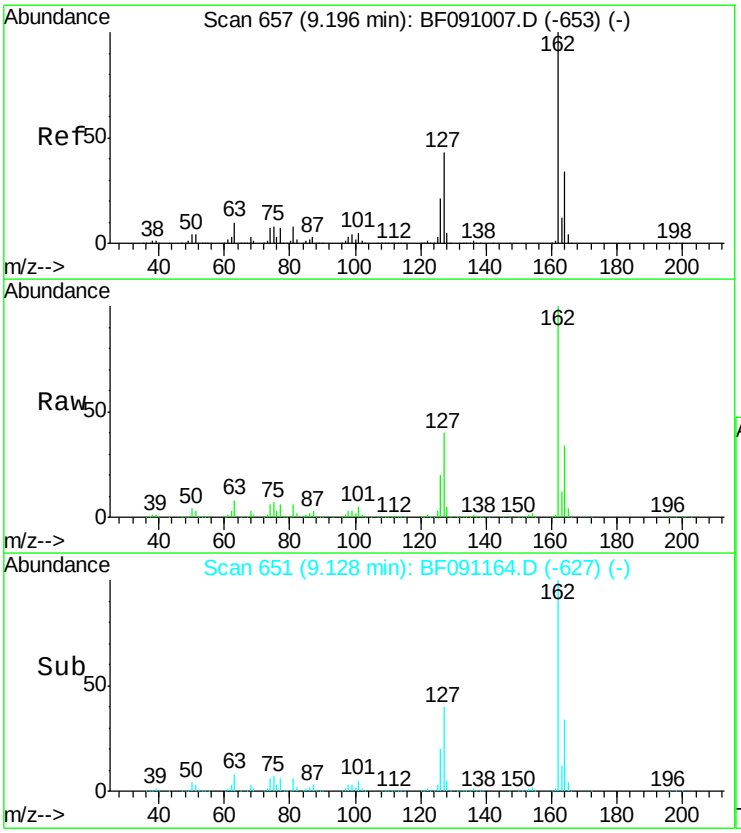

#45
1,1'-Biphenyl
Concen: 39.66 ng
RT: 9.10 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:154 Resp: 1220470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.2 | 21.6 | 61.6 |
| 76 | 13.9 | 0.0 | 36.2 |

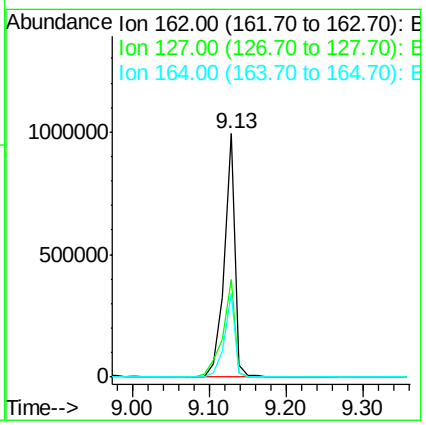


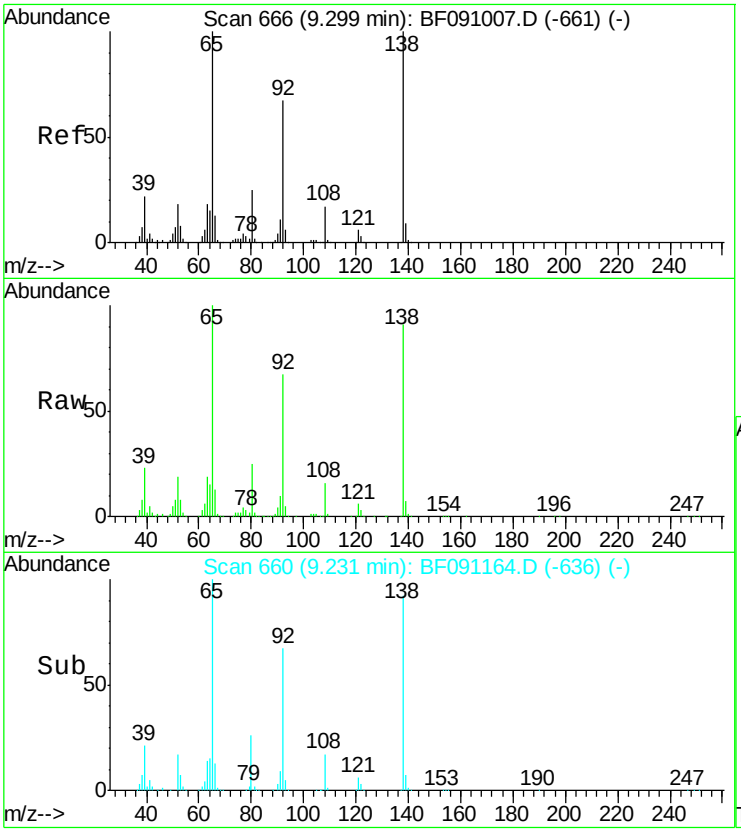




#46
2-Chloronaphthalene
Concen: 42.57 ng
RT: 9.13 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:162 Resp: 994486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.4 | 34.7 | 52.1 |
| 164 | 34.4 | 27.0 | 40.4 |



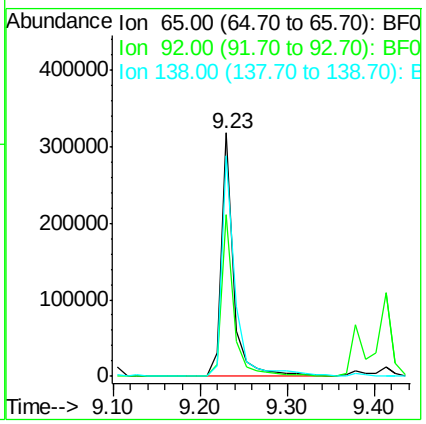


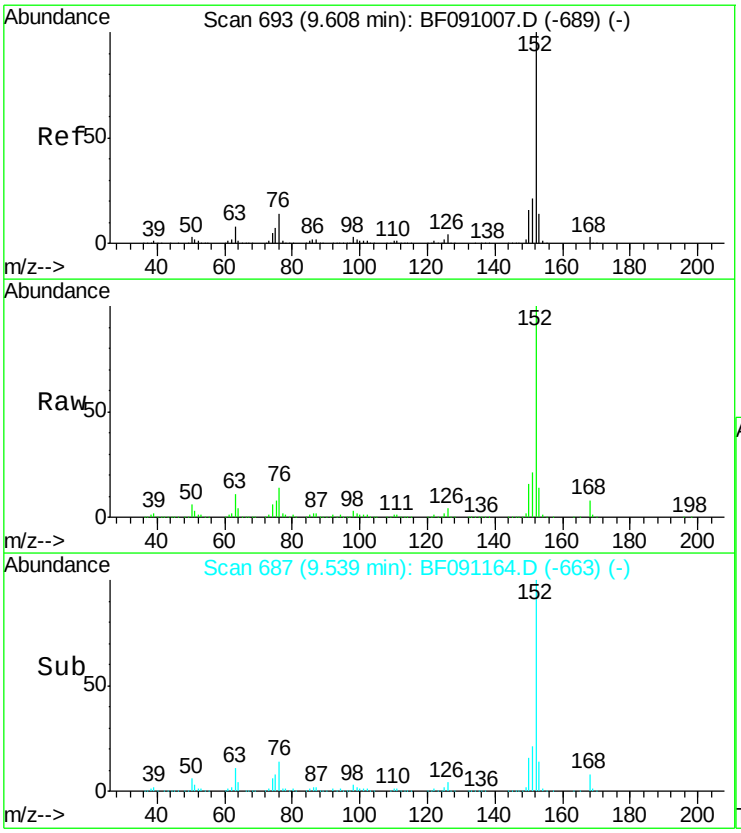

#47
2-Nitroaniline
Concen: 36.85 ng
RT: 9.23 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion: 65 Resp: 319545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.6 | 53.9 | 80.9 |
| 138 | 90.8 | 80.1 | 120.1 |

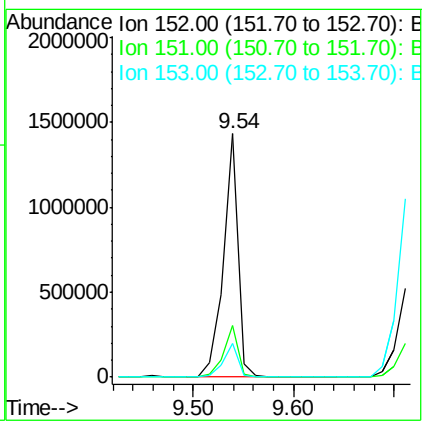


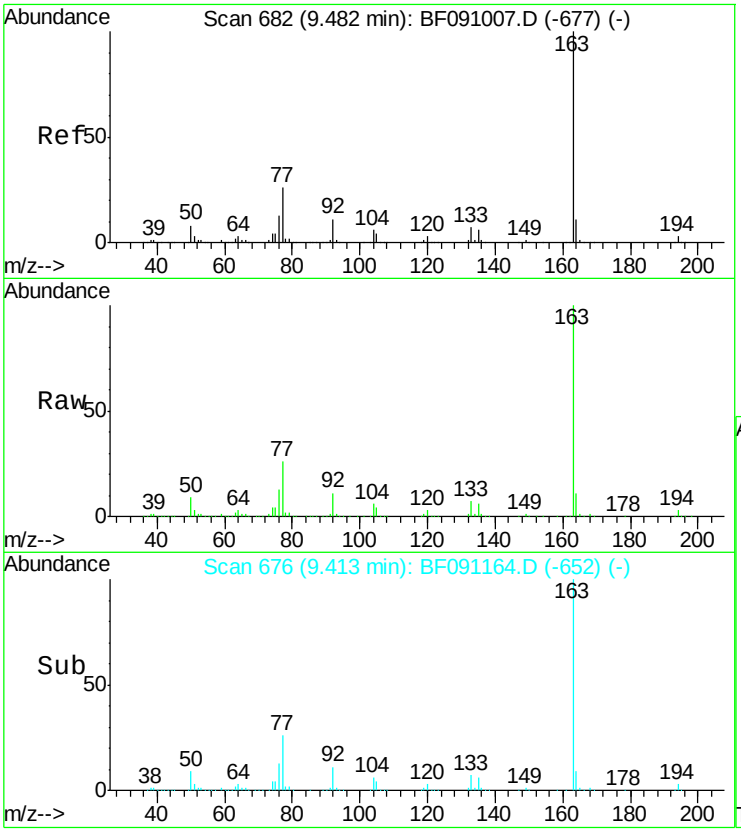




#48
Acenaphthylene
Concen: 39.61 ng
RT: 9.54 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:152 Resp: 1442215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.2 | 16.7 | 25.1 |
| 153 | 13.8 | 11.1 | 16.7 |



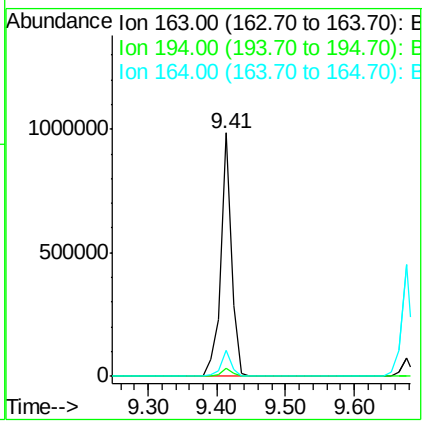


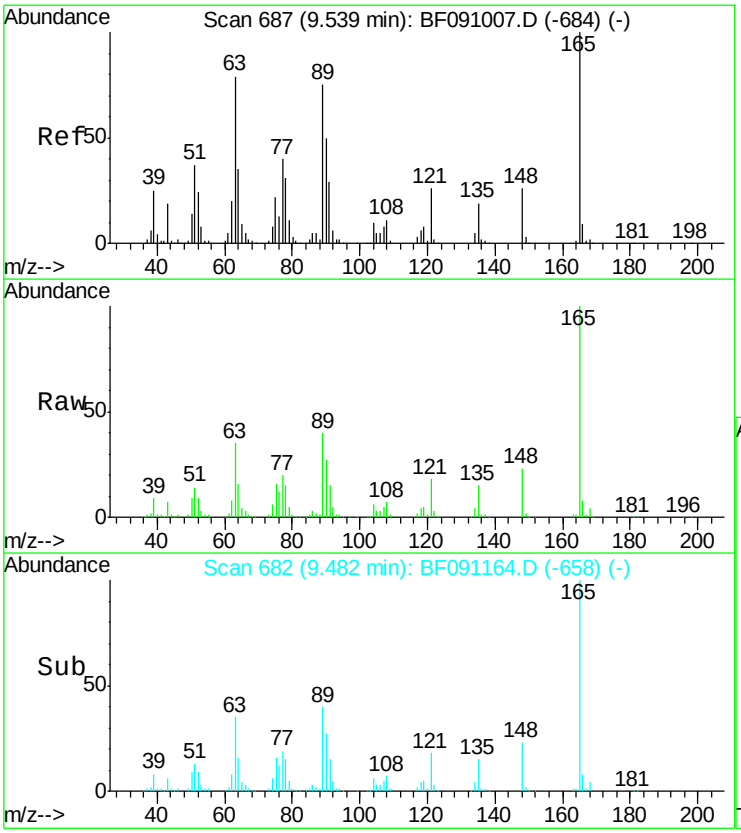

#49
Dimethylphthalate
Concen: 39.62 ng
RT: 9.41 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:163 Resp: 1094759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.1 | 2.6 | 4.0 |
| 164 | 10.8 | 8.7 | 13.1 |

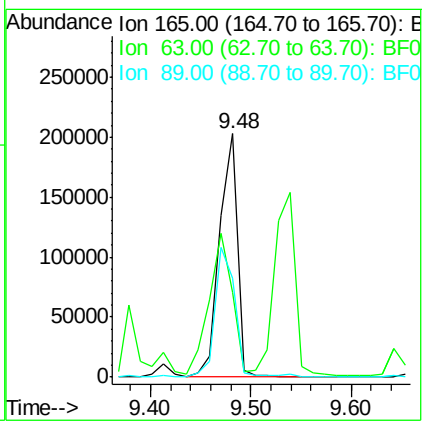


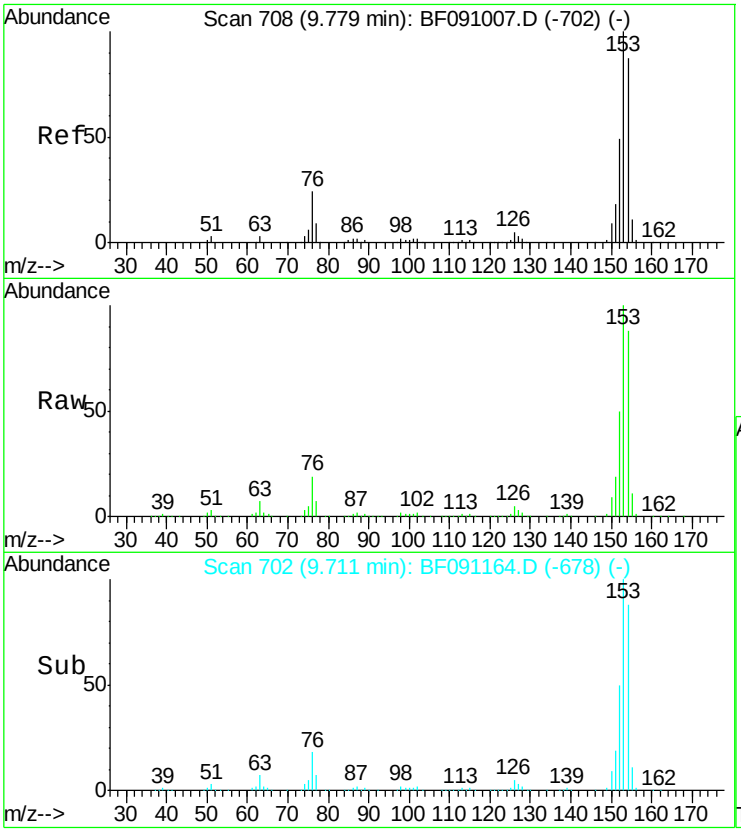




#50
2,6-Dinitrotoluene
Concen: 42.77 ng
RT: 9.48 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:165 Resp: 253309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 35.0 | 65.6 | 98.4# |
| 89 | 40.5 | 59.8 | 89.6# |



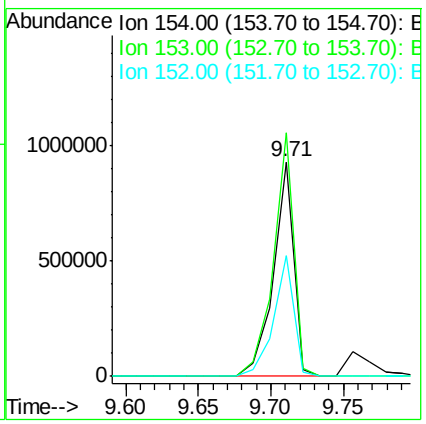


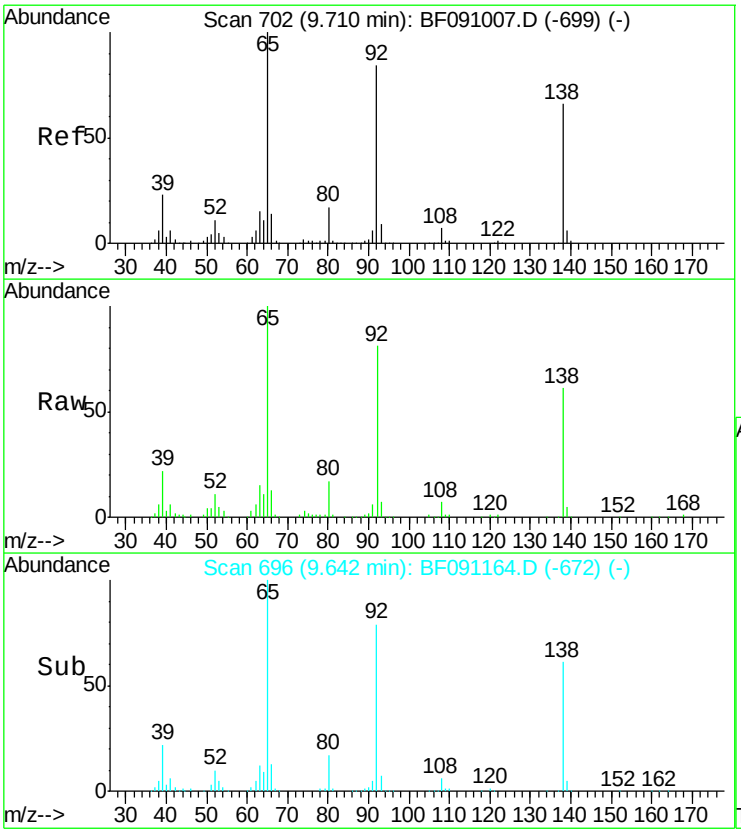

#51
Acenaphthene
Concen: 39.50 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:154 Resp: 902843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.7 | 91.6 | 137.4 |
| 152 | 56.3 | 44.6 | 67.0 |

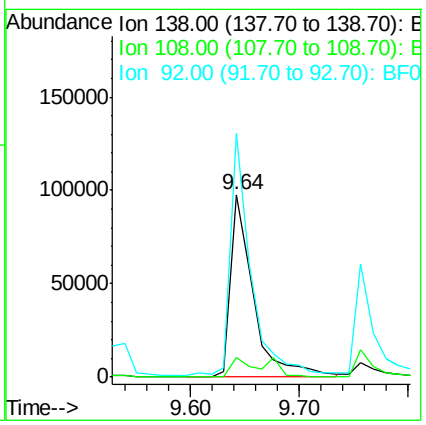


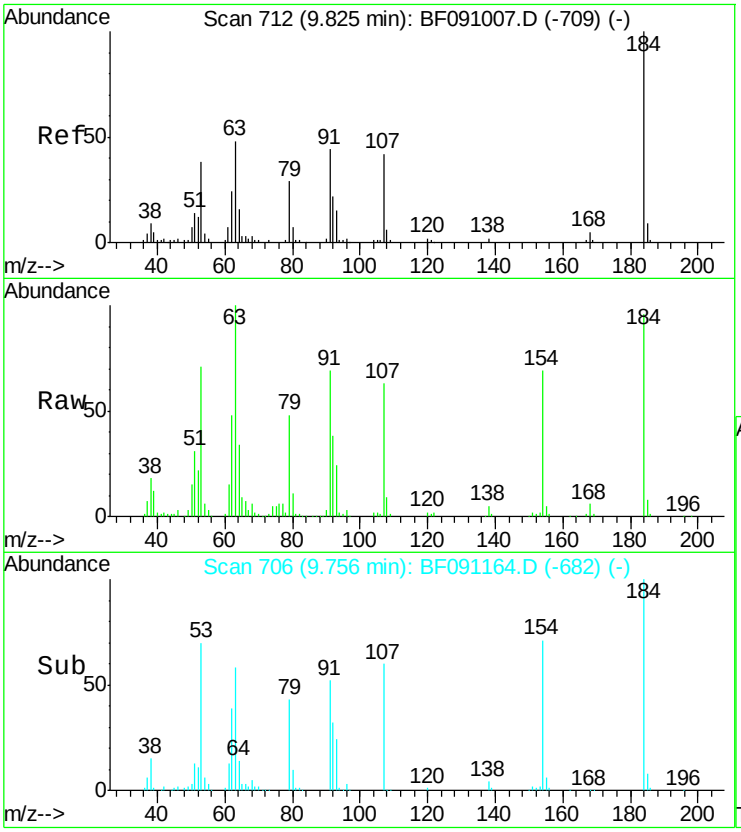




#52
3-Nitroaniline
Concen: 19.94 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:138 Resp: 140061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 8.4 | 12.6 |
| 92 | 133.5 | 101.1 | 151.7 |



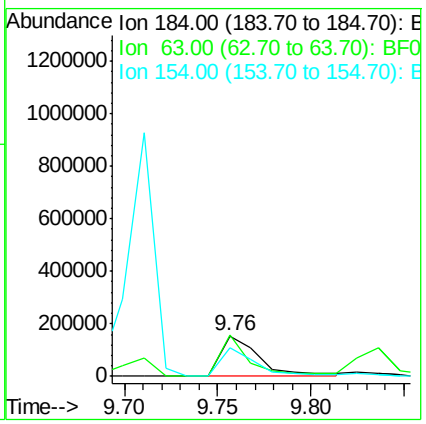


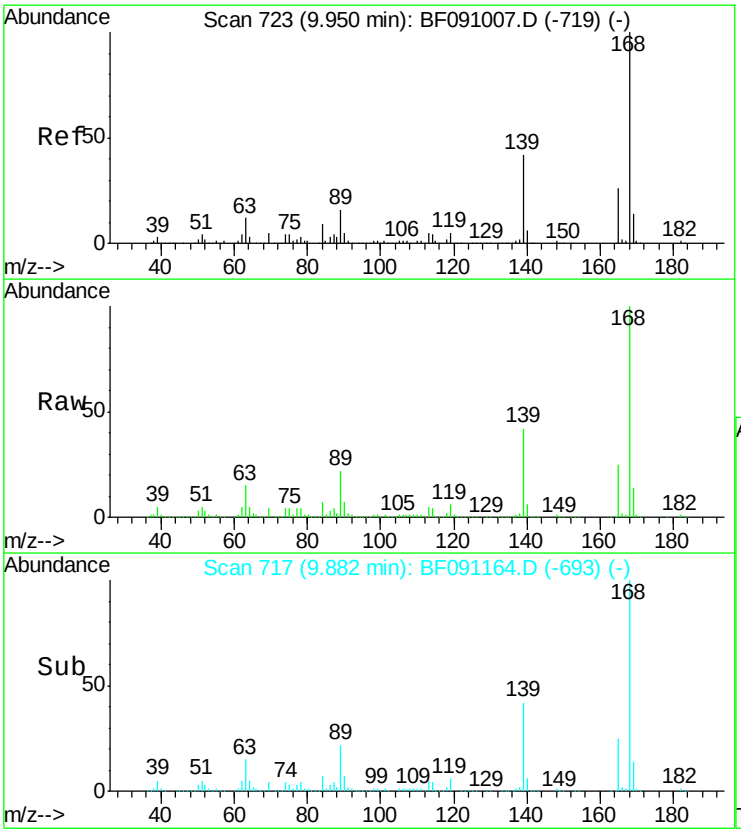

#53
2,4-Dinitrophenol
Concen: 70.90 ng
RT: 9.76 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:184 Resp: 226235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 104.1 | 45.5 | 68.3# |
| 154 | 71.3 | 51.0 | 76.4 |

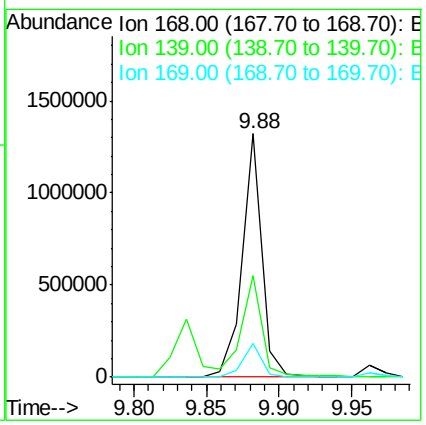


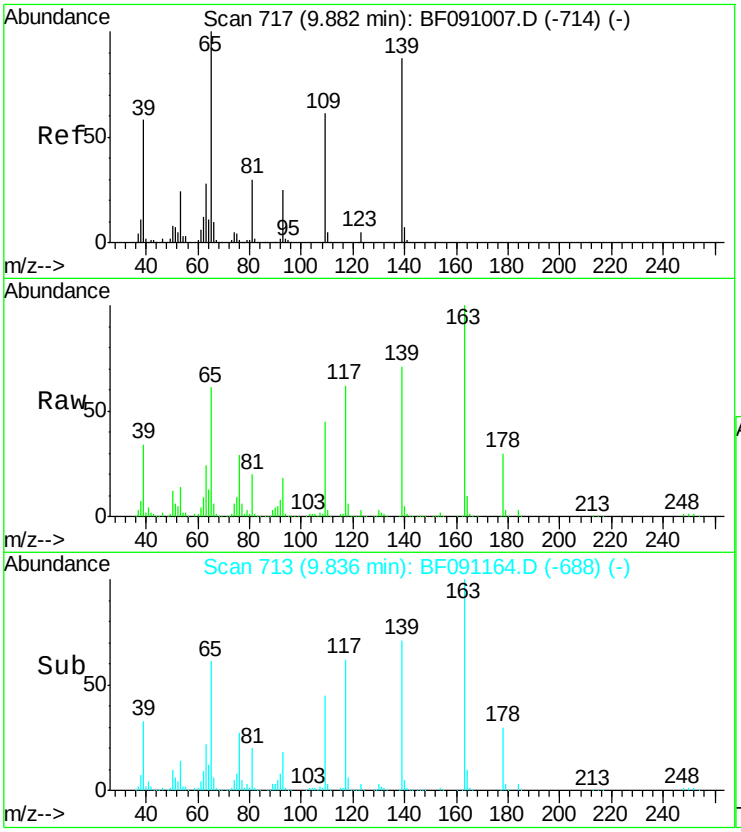




#54
Dibenzofuran
Concen: 40.38 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:168 Resp: 1242377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 41.5 | 34.8 | 52.2 |
| 169 | 14.0 | 11.4 | 17.2 |



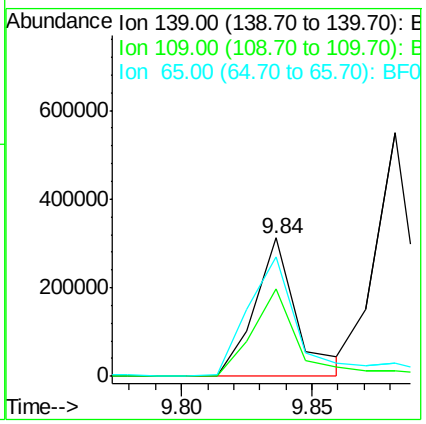


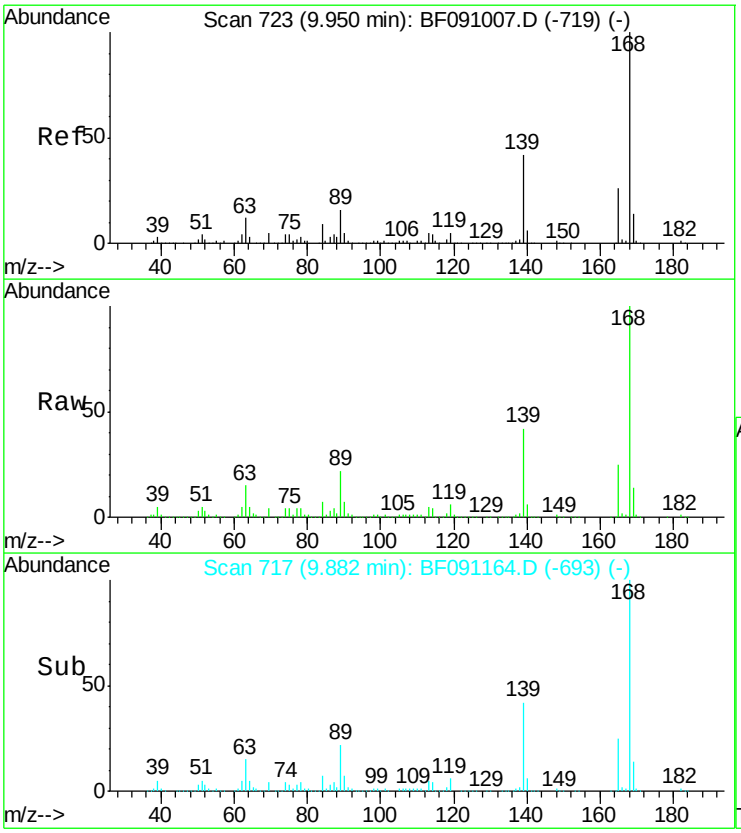

#55
4-Nitrophenol
Concen: 75.65 ng
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:139 Resp: 352238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 63.3 | 50.5 | 90.5 |
| 65 | 86.6 | 97.1 | 137.1# |

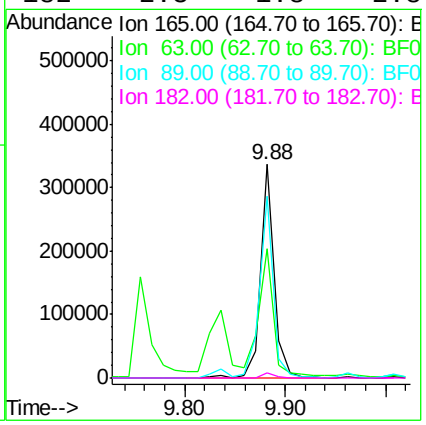


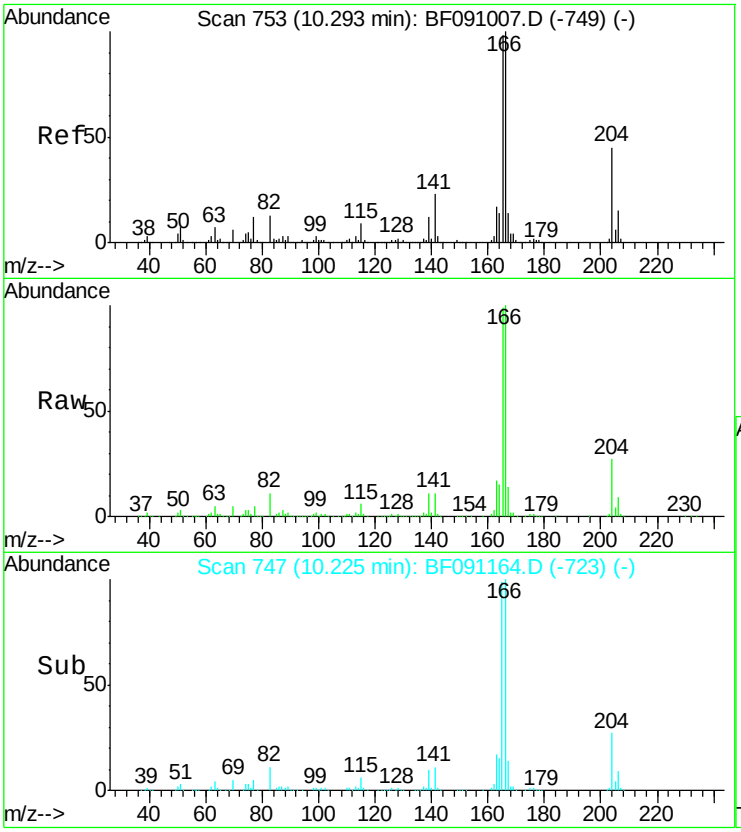




#56
2,4-Dinitrotoluene
Concen: 41.76 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:165 Resp: 314678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 60.6 | 38.7 | 58.1# |
| 89 | 85.1 | 50.6 | 76.0# |
| 182 | 2.3 | 1.8 | 2.8 |



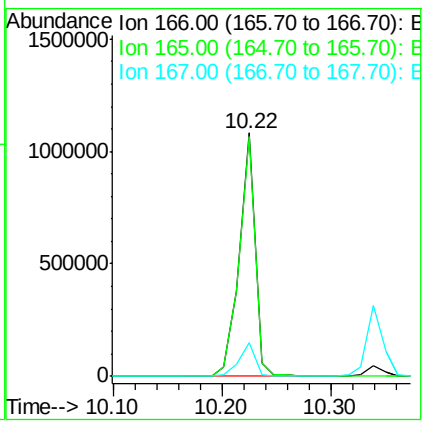


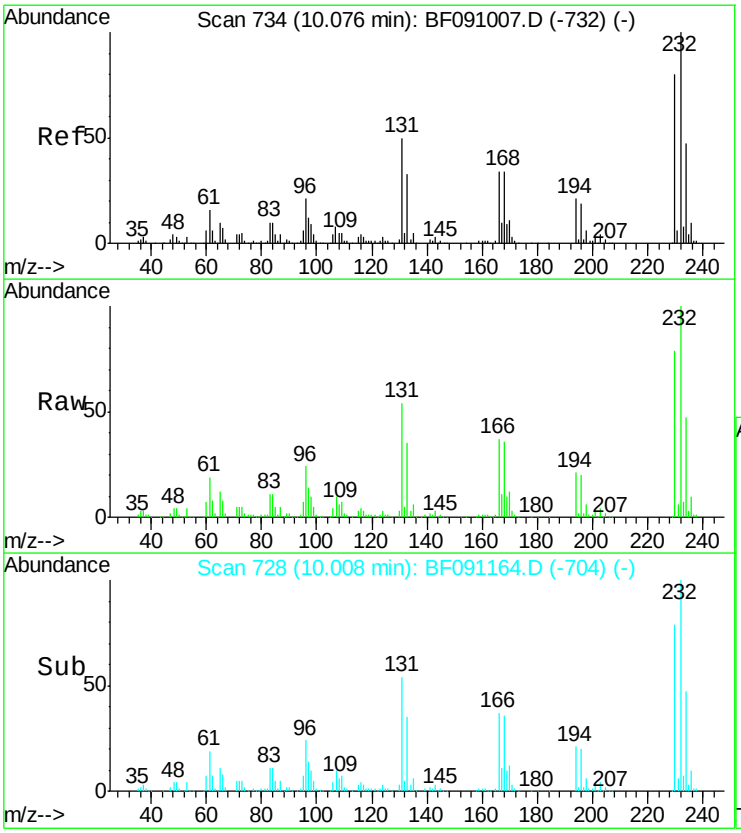

#57
Fluorene
Concen: 43.06 ng
RT: 10.22 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:166 Resp: 1082975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.7 | 78.6 | 118.0 |
| 167 | 13.9 | 11.1 | 16.7 |

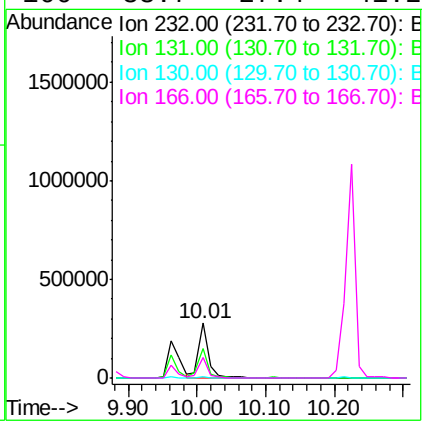


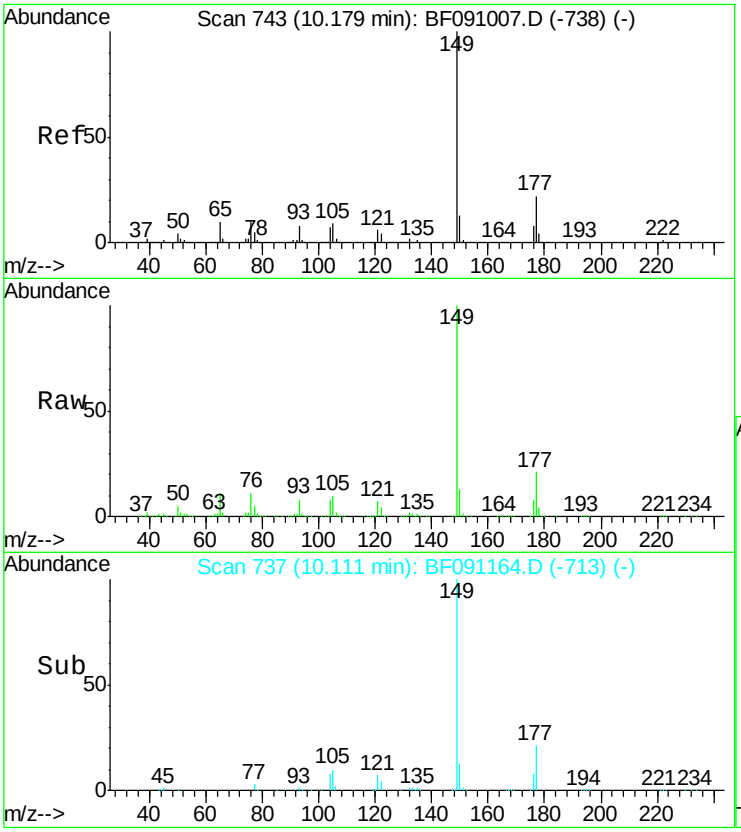




#58
2,3,4,6-Tetrachlorophenol
Concen: 48.17 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:232 Resp: 274845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 52.3 | 43.6 | 65.4 |
| 130 | 2.6 | 2.0 | 3.0 |
| 166 | 33.7 | 27.4 | 41.2 |



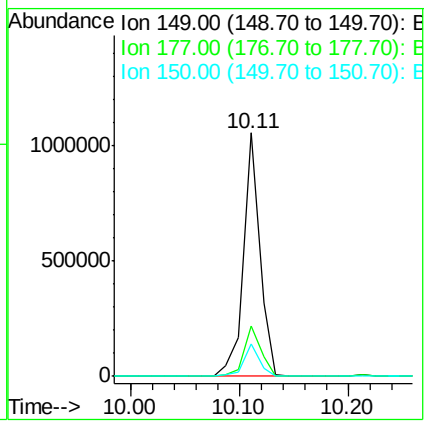


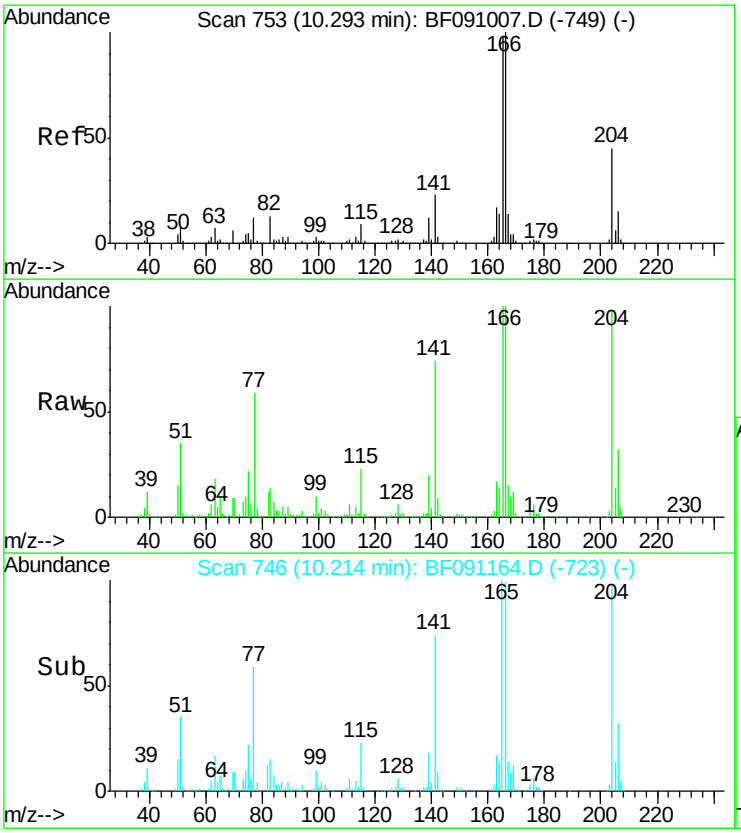

#59
Diethylphthalate
Concen: 38.84 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:149 Resp: 1100507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.9 | 17.3 | 25.9 |
| 150 | 13.3 | 10.3 | 15.5 |

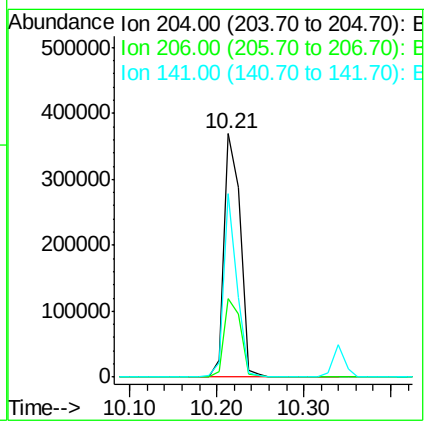


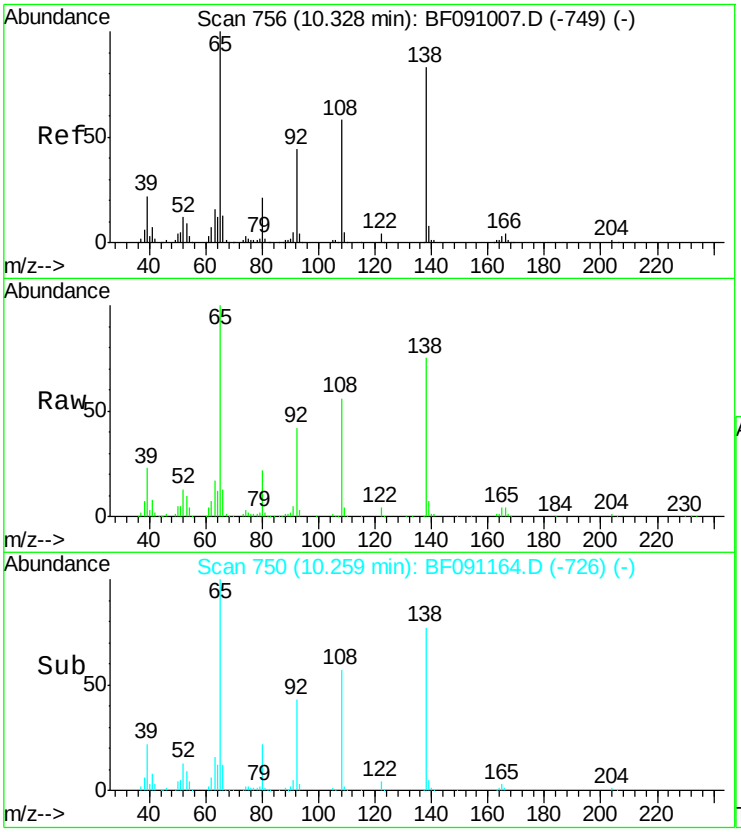




#60
4-Chlorophenyl-phenylether
Concen: 42.22 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:204 Resp: 483342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 27.1 | 40.7 |
| 141 | 75.5 | 40.1 | 60.1# |



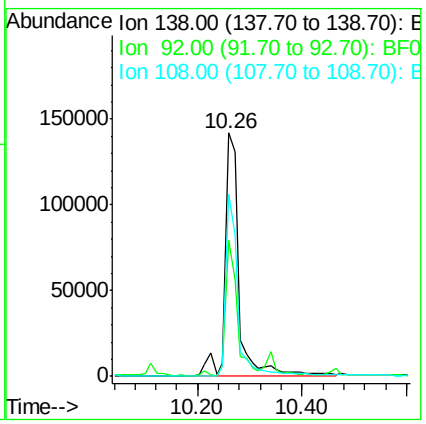


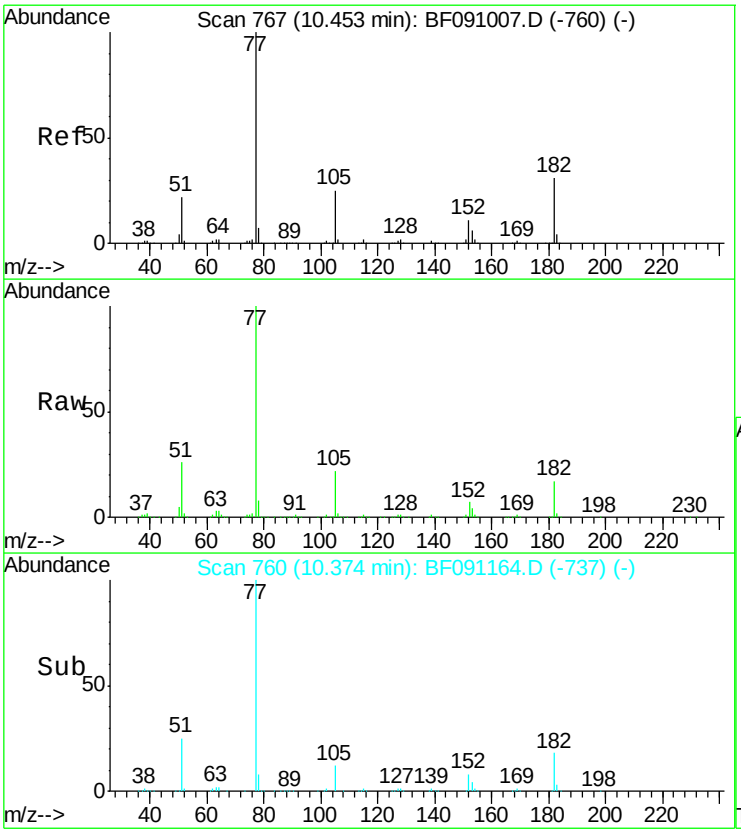

#61
4-Nitroaniline
Concen: 37.06 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:138 Resp: 263291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 56.1 | 32.5 | 72.5 |
| 108 | 75.0 | 49.4 | 89.4 |

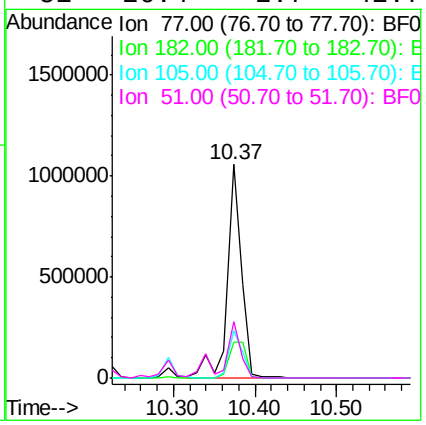


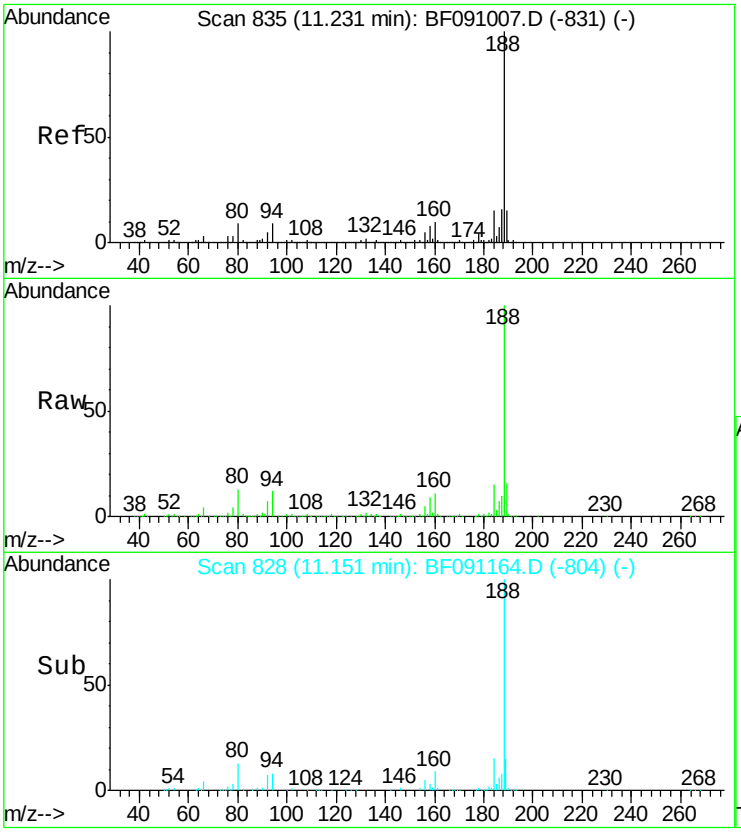




#62
Azobenzene
Concen: 38.14 ng
RT: 10.37 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion: 77 Resp: 1272155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 16.7 | 11.0 | 51.0 |
| 105 | 22.0 | 5.6 | 45.6 |
| 51 | 26.4 | 2.7 | 42.7 |



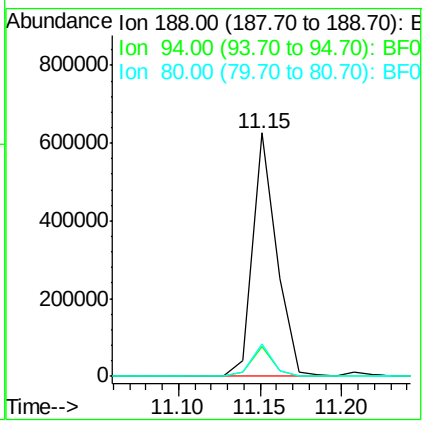


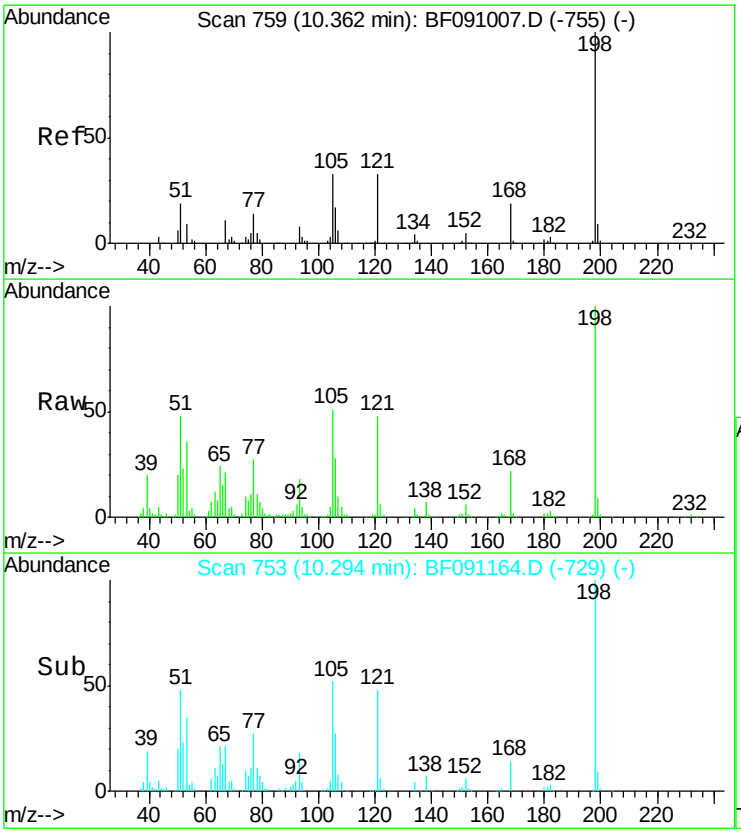

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:188 Resp: 643212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.0 | 7.0 | 10.4# |
| 80 | 13.3 | 7.5 | 11.3# |

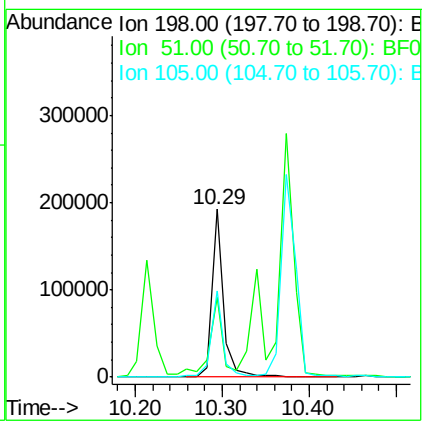


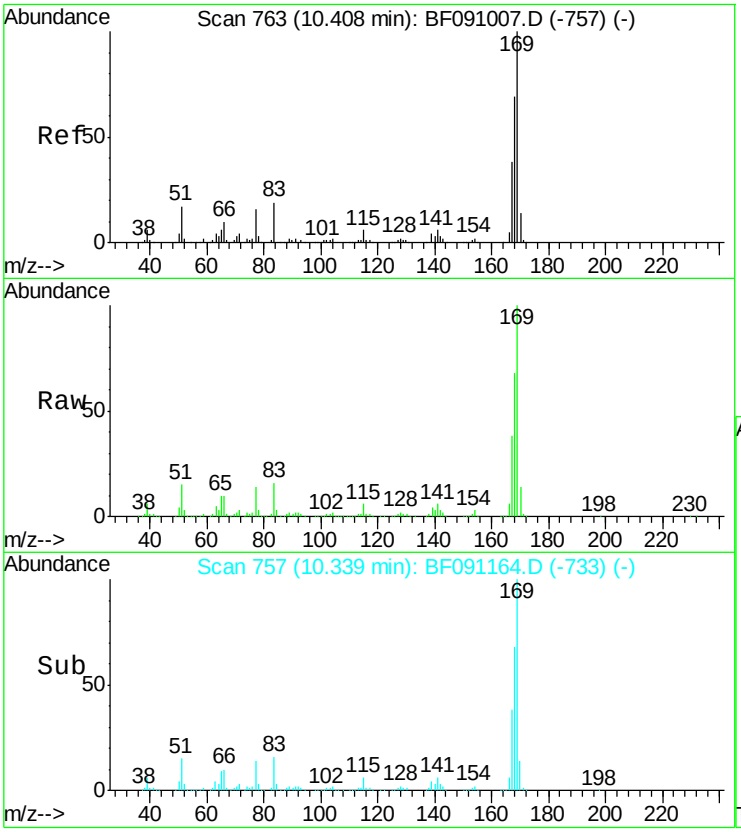




#64
4,6-Dinitro-2-methylphenol
Concen: 46.34 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:198 Resp: 182533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 47.8 | 5.9 | 45.9# |
| 105 | 51.2 | 13.8 | 53.8 |



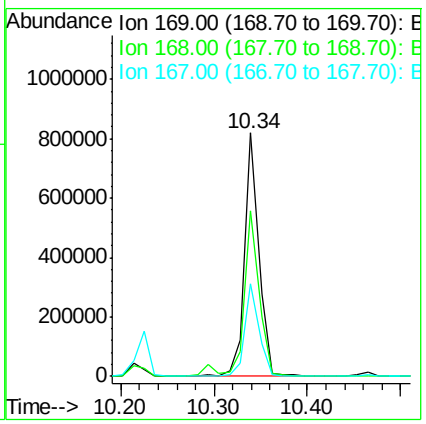


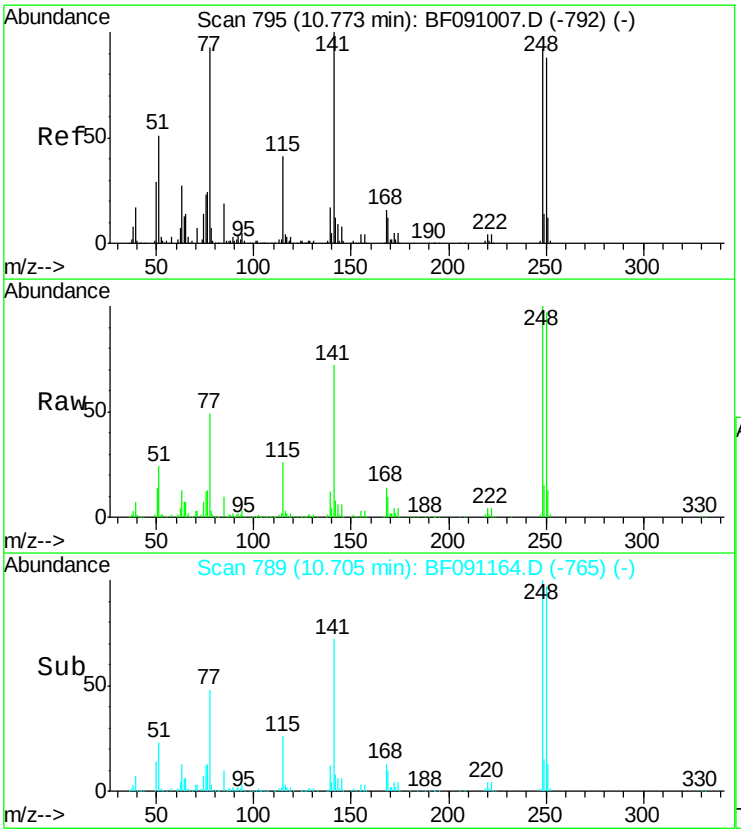

#65
n-Nitrosodiphenylamine
Concen: 42.63 ng
RT: 10.34 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:169 Resp: 871518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.2 | 55.3 | 82.9 |
| 167 | 38.2 | 30.3 | 45.5 |

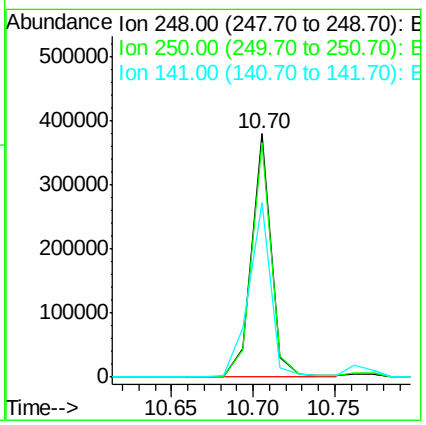


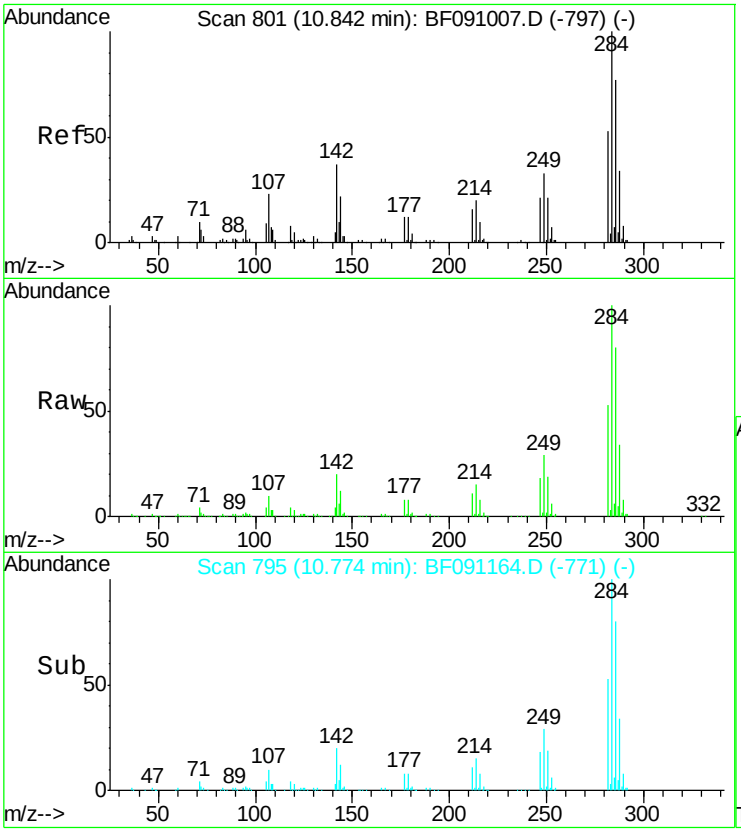




#66
4-Bromophenyl-phenylether
Concen: 47.89 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:248 Resp: 320395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.6 | 76.3 | 114.5 |
| 141 | 71.7 | 86.8 | 130.2# |



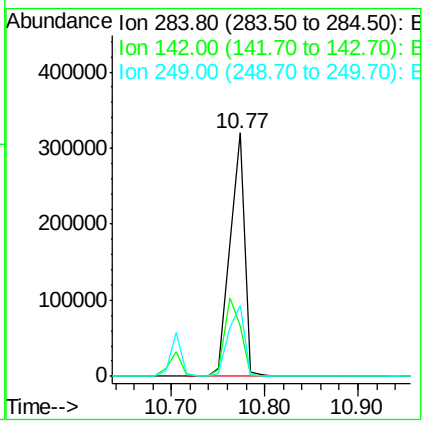


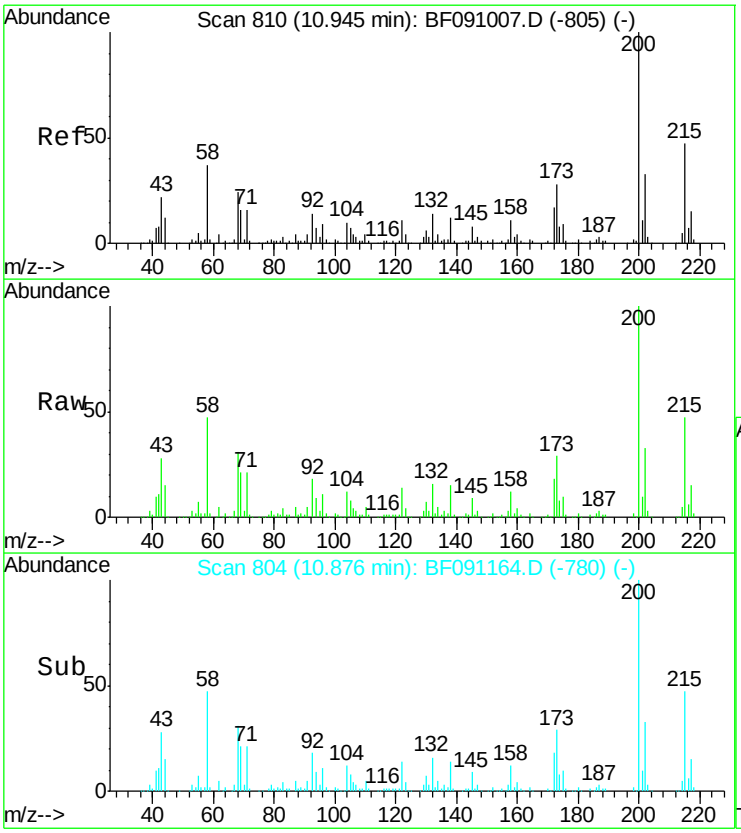

#67
Hexachlorobenzene
Concen: 48.10 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:284 Resp: 354954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 20.5 | 29.9 | 44.9# |
| 249 | 29.2 | 26.6 | 39.8 |

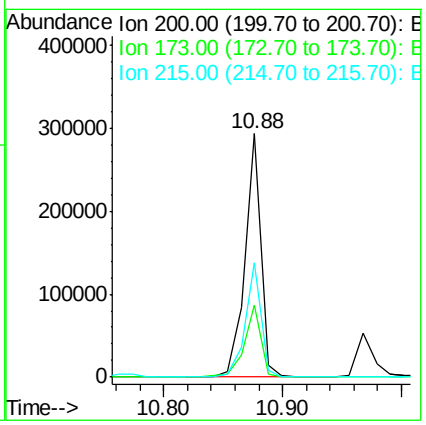


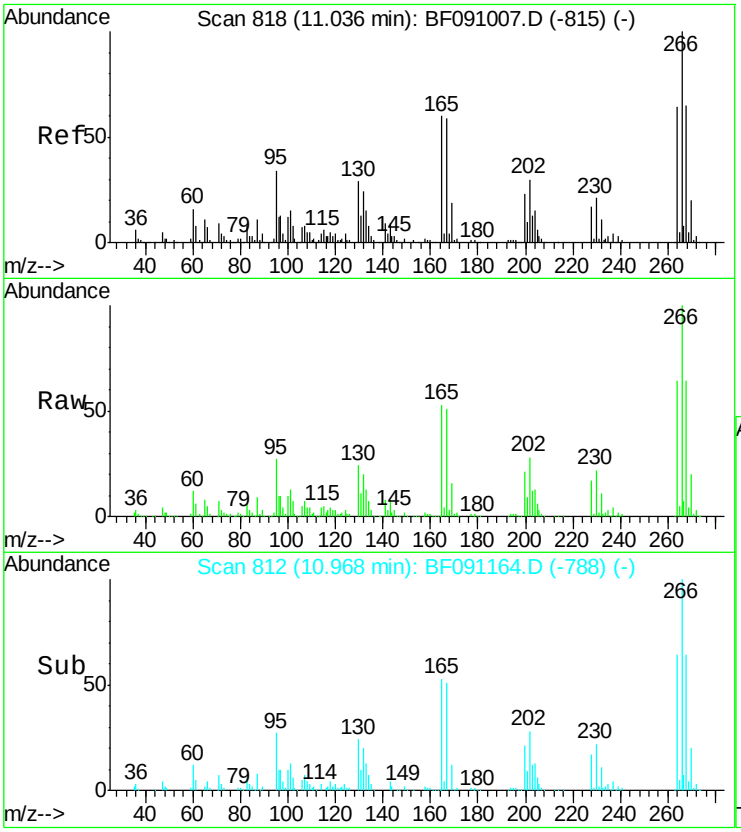




#68
Atrazine
Concen: 47.07 ng
RT: 10.88 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:200 Resp: 277600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 29.4 | 8.1 | 48.1 |
| 215 | 46.9 | 27.3 | 67.3 |



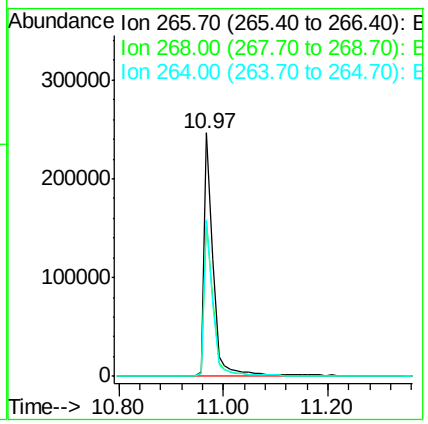


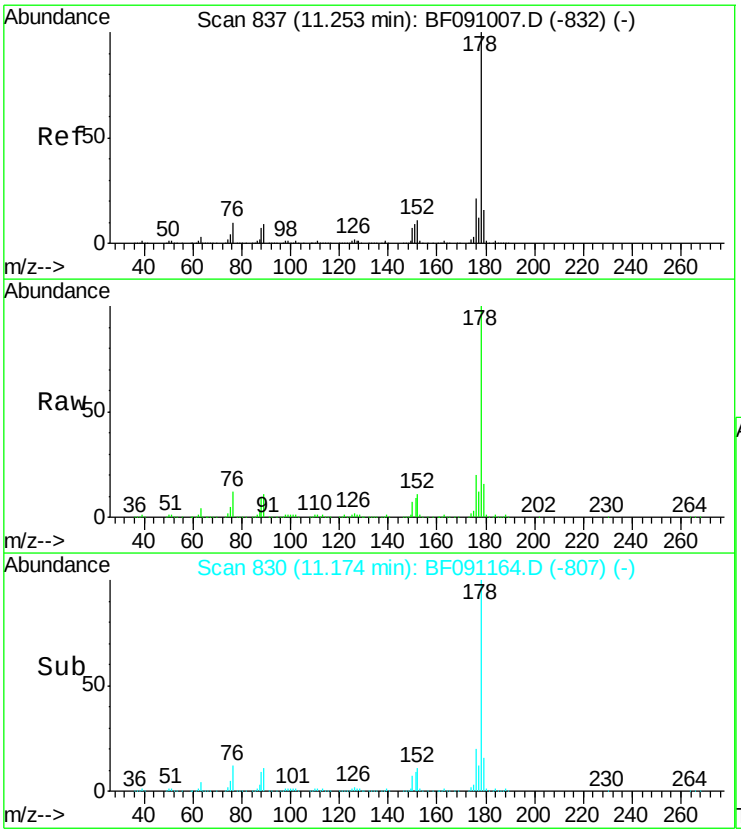

#69
Pentachlorophenol
Concen: 93.74 ng
RT: 10.97 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:266 Resp: 306371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.6 | 52.1 | 78.1 |
| 264 | 64.5 | 51.1 | 76.7 |

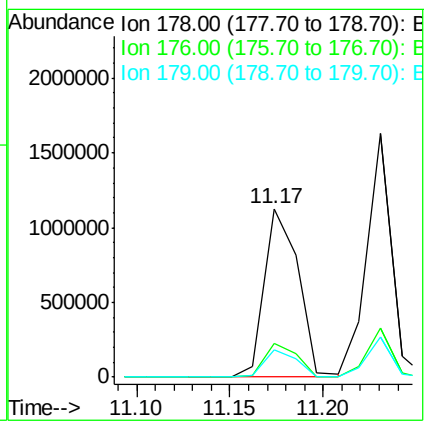


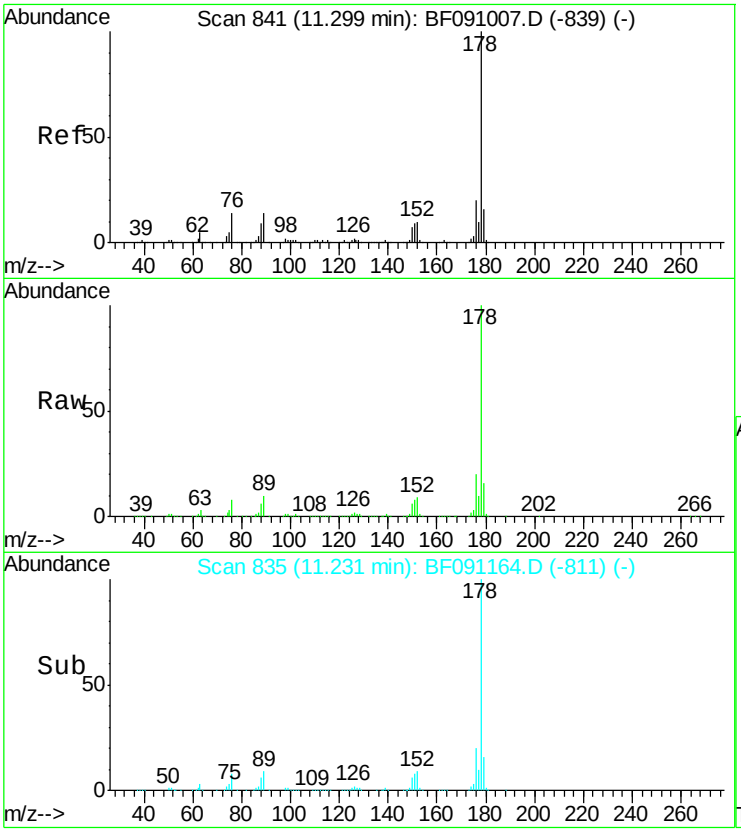




#70
Phenanthrene
Concen: 41.53 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:178 Resp: 1419944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 16.6 | 25.0 |
| 179 | 16.3 | 12.9 | 19.3 |



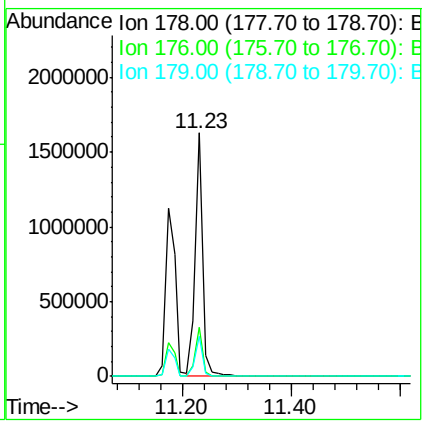


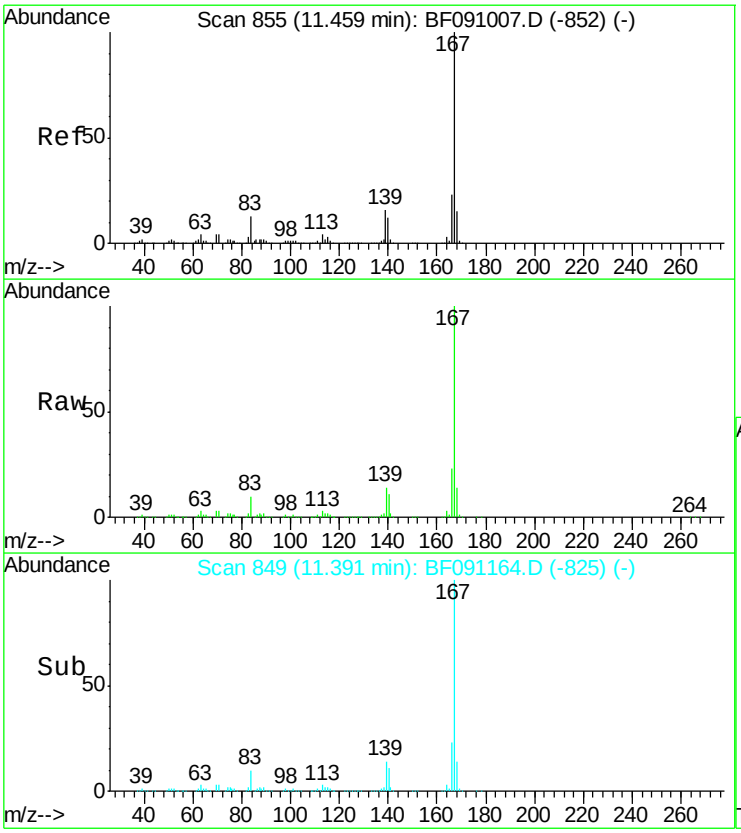

#71
Anthracene
Concen: 41.96 ng
RT: 11.23 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:178 Resp: 1525420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.2 | 16.0 | 24.0 |
| 179 | 16.3 | 13.0 | 19.6 |

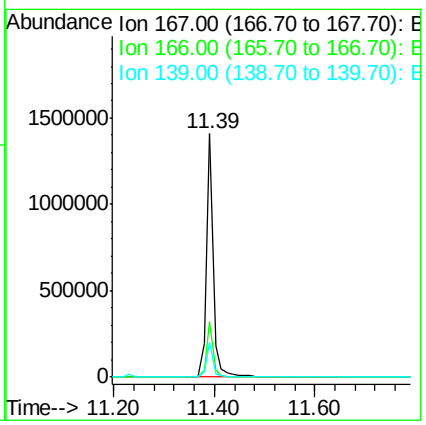


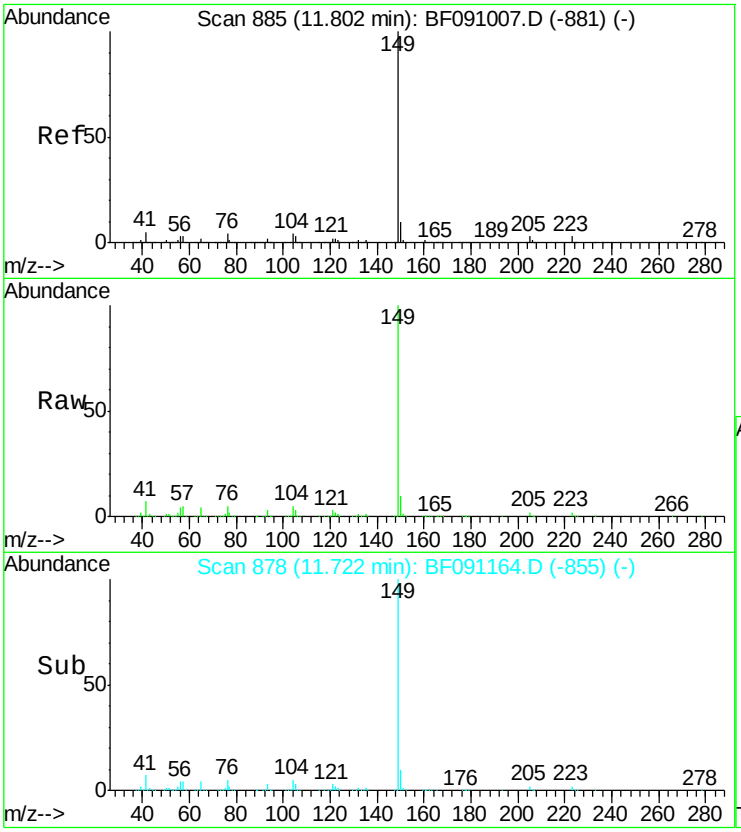




#72
Carbazole
Concen: 40.70 ng
RT: 11.39 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:167 Resp: 1333338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.0 | 18.0 | 27.0 |
| 139 | 14.4 | 12.6 | 18.8 |



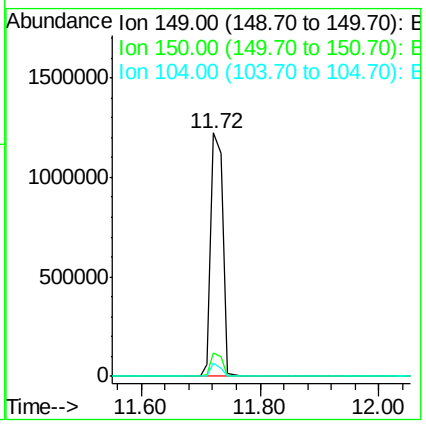


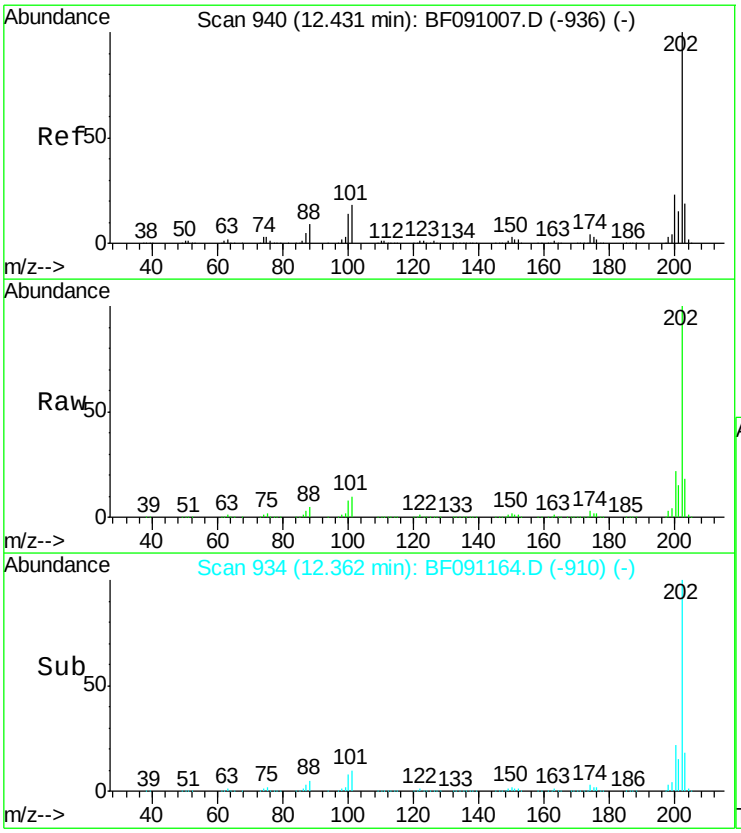

#73
Di-n-butylphthalate
Concen: 40.66 ng
RT: 11.72 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:149 Resp: 1675167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.8 | 7.7 | 11.5 |
| 104 | 5.2 | 3.6 | 5.4 |

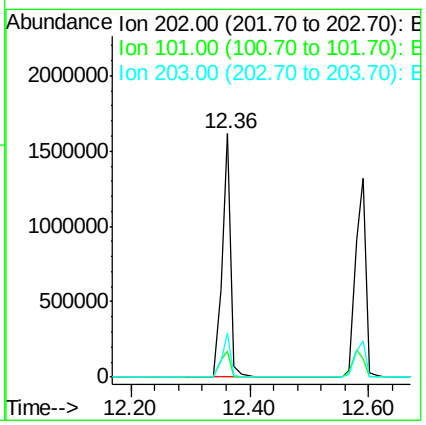


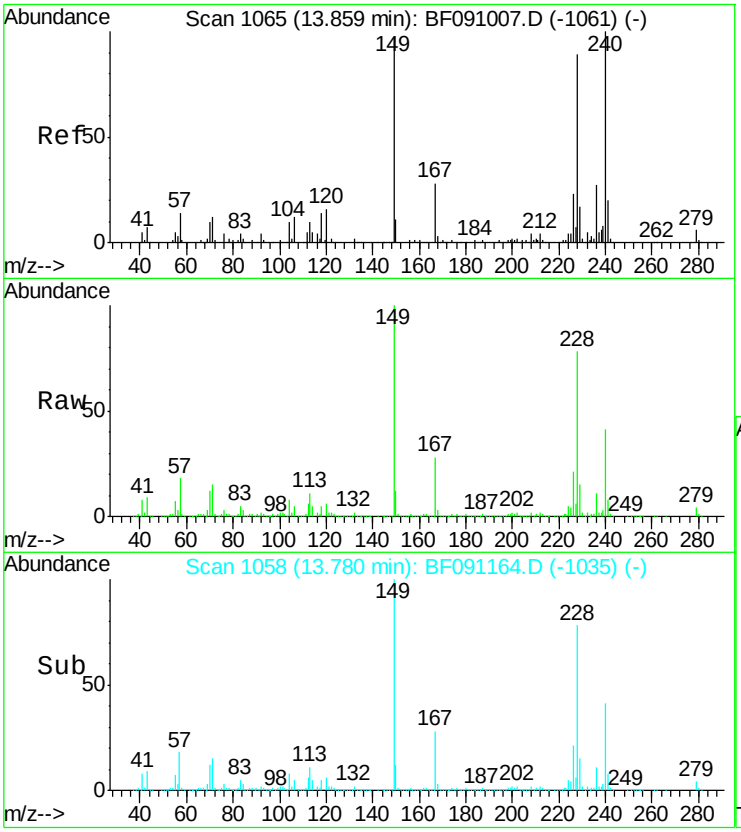




#74
Fluoranthene
Concen: 45.26 ng
RT: 12.36 min Scan# 934
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:202 Resp: 1605030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.5 | 0.0 | 37.6 |
| 203 | 18.3 | 0.0 | 38.6 |



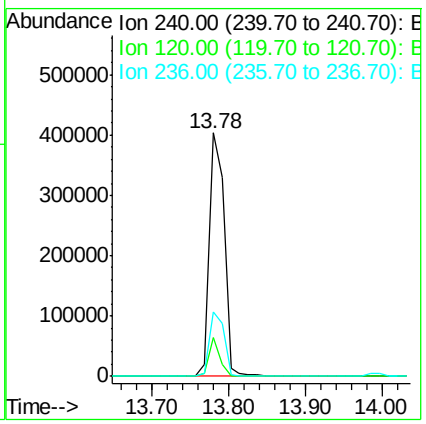


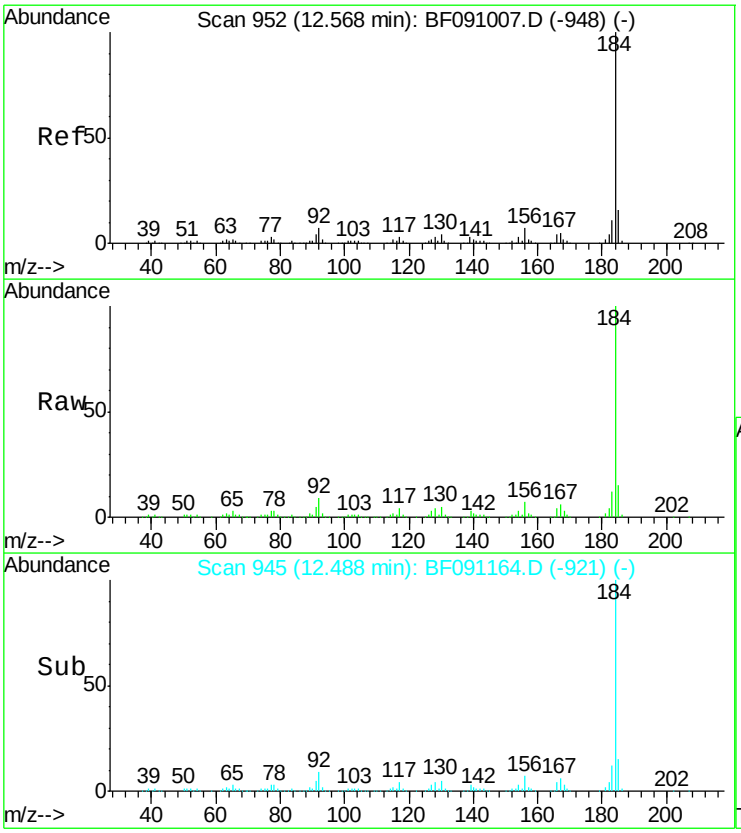

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:240 Resp: 536524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.7 | 12.9 | 19.3 |
| 236 | 26.6 | 21.9 | 32.9 |

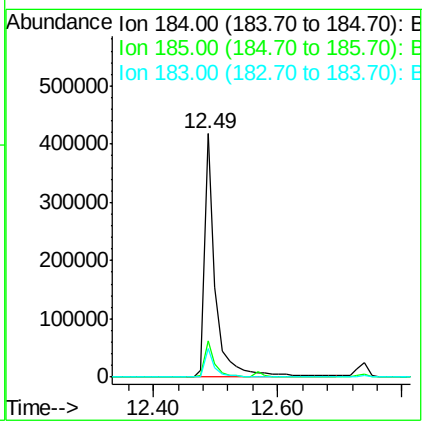


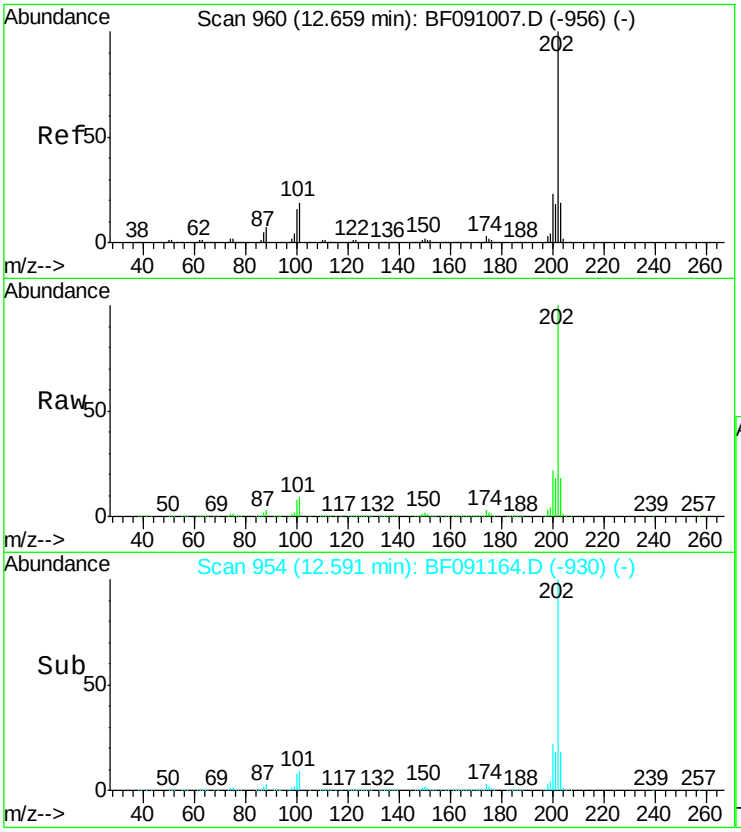




#76
Benzidine
Concen: 42.74 ng
RT: 12.49 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:184 Resp: 512342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.9 | 13.0 | 19.4 |
| 183 | 11.5 | 8.7 | 13.1 |



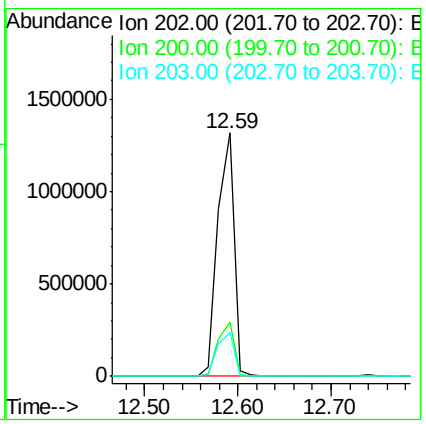


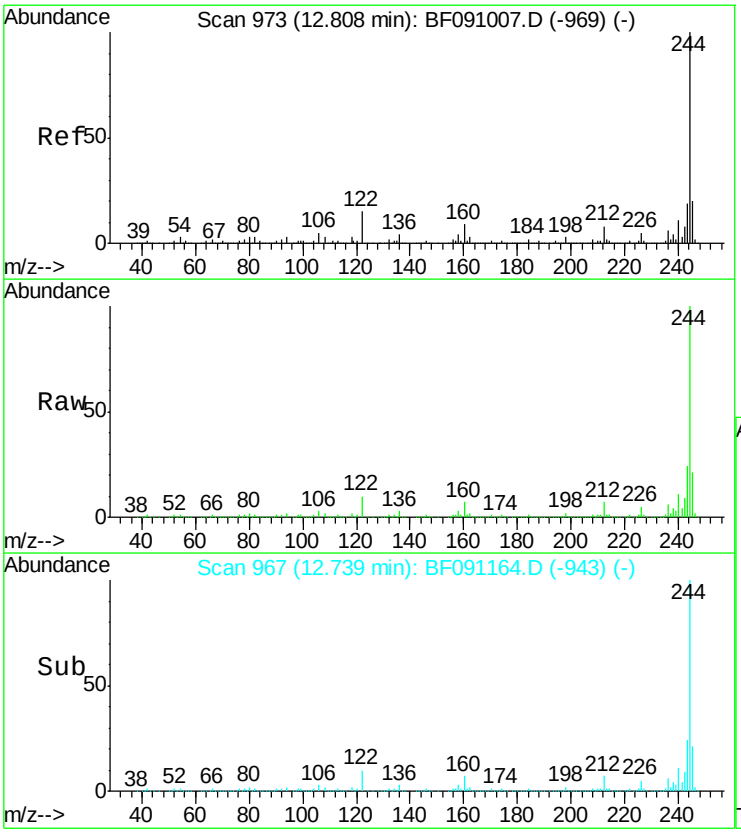

#77
Pyrene
Concen: 45.51 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:202 Resp: 1598962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 18.4 | 27.6 |
| 203 | 17.9 | 15.0 | 22.6 |

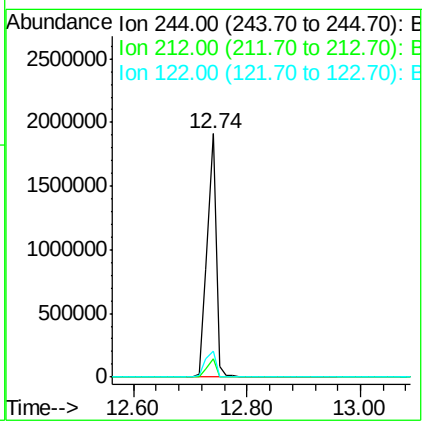


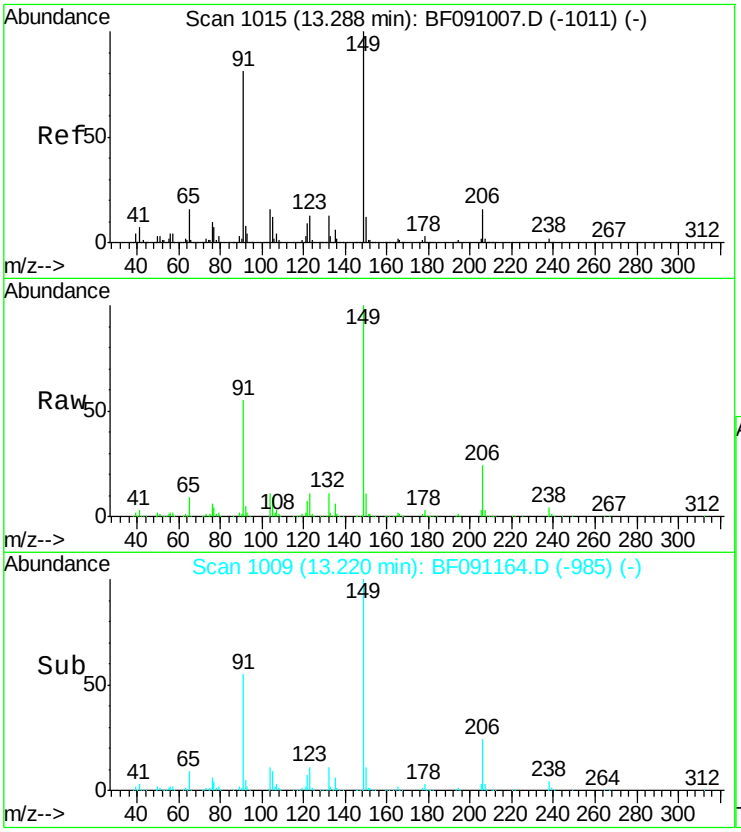




#78
Terphenyl-d14
Concen: 93.24 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:244 Resp: 2004715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.4 | 9.6 |
| 122 | 10.4 | 12.3 | 18.5# |



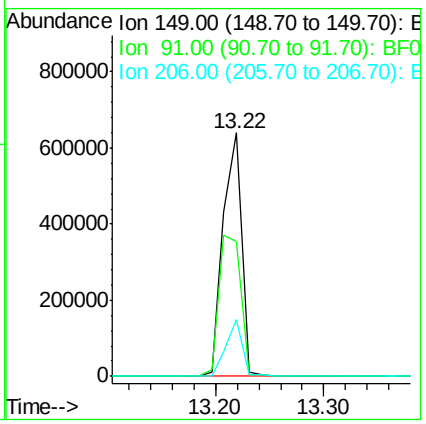


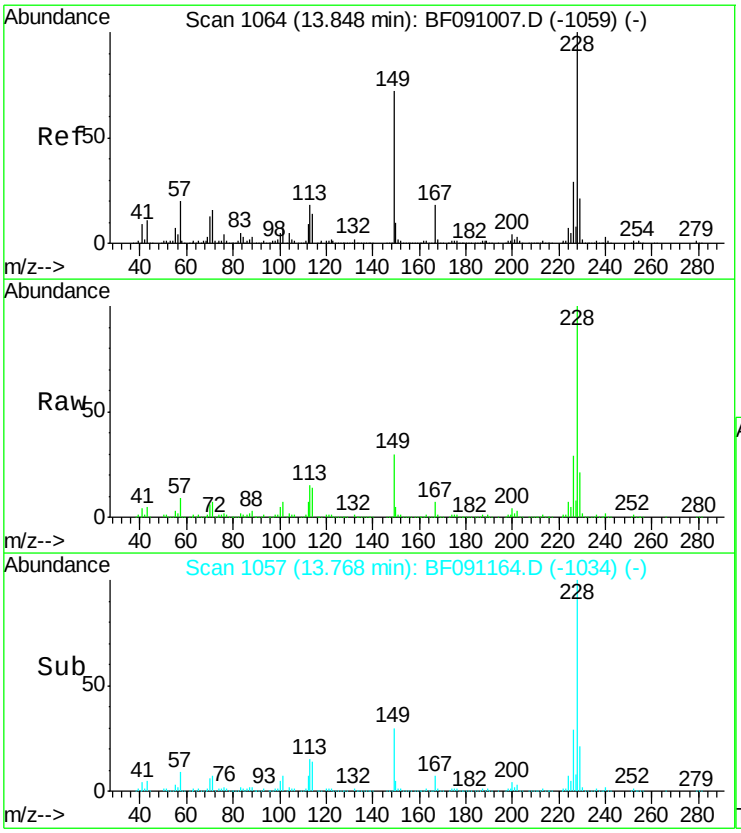

#79
Butylbenzylphthalate
Concen: 45.20 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:149 Resp: 759669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 55.3 | 65.0 | 97.4# |
| 206 | 23.5 | 12.5 | 18.7# |

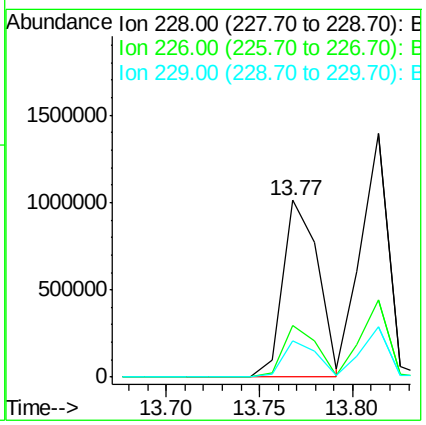


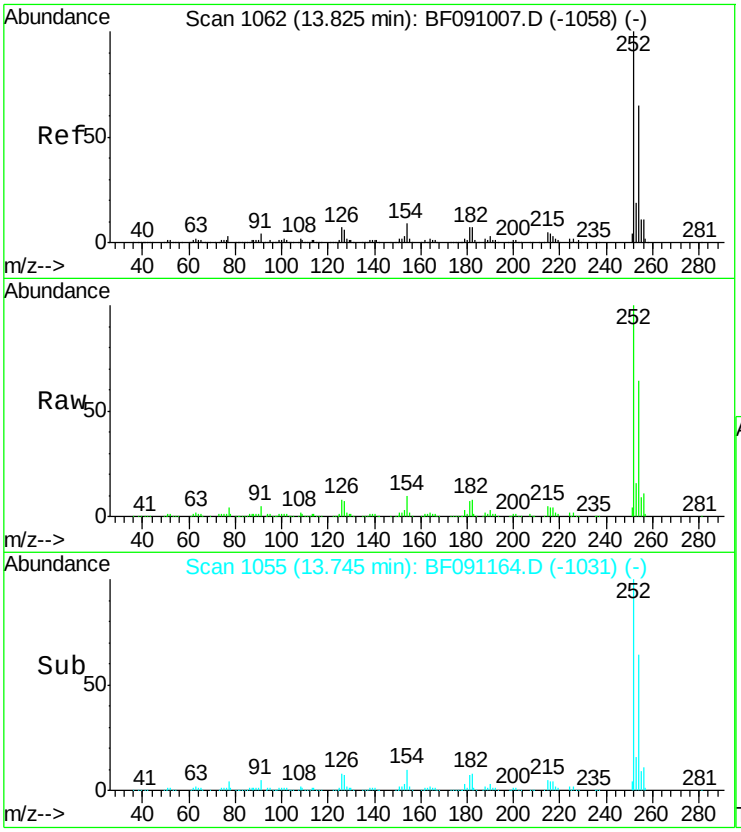




#80
Benzo(a)anthracene
Concen: 43.40 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:228 Resp: 1322081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.2 | 23.0 | 34.6 |
| 229 | 20.9 | 16.6 | 24.8 |



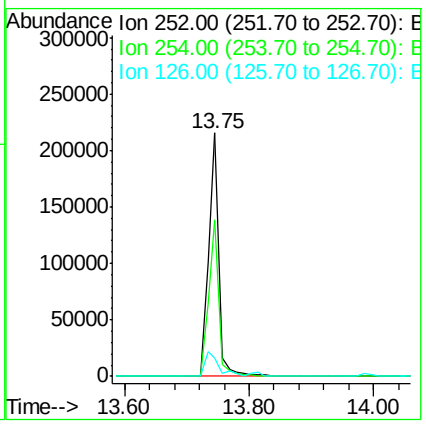


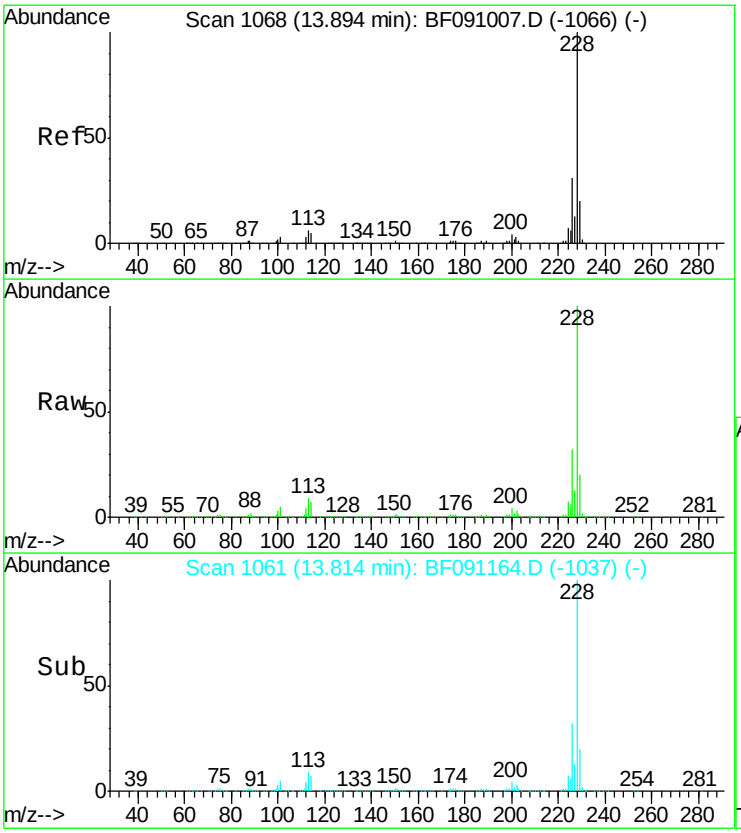

#81
3,3'-Dichlorobenzidine
Concen: 22.89 ng
RT: 13.75 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:252 Resp: 245004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.2 | 52.0 | 78.0 |
| 126 | 7.7 | 5.4 | 8.2 |

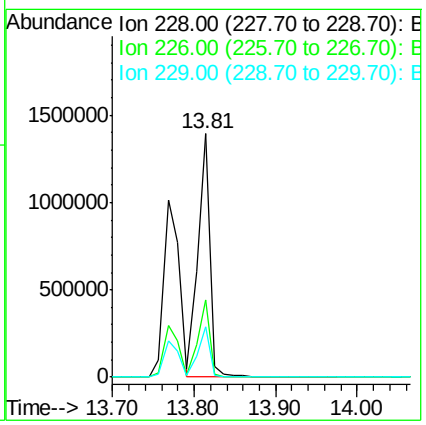


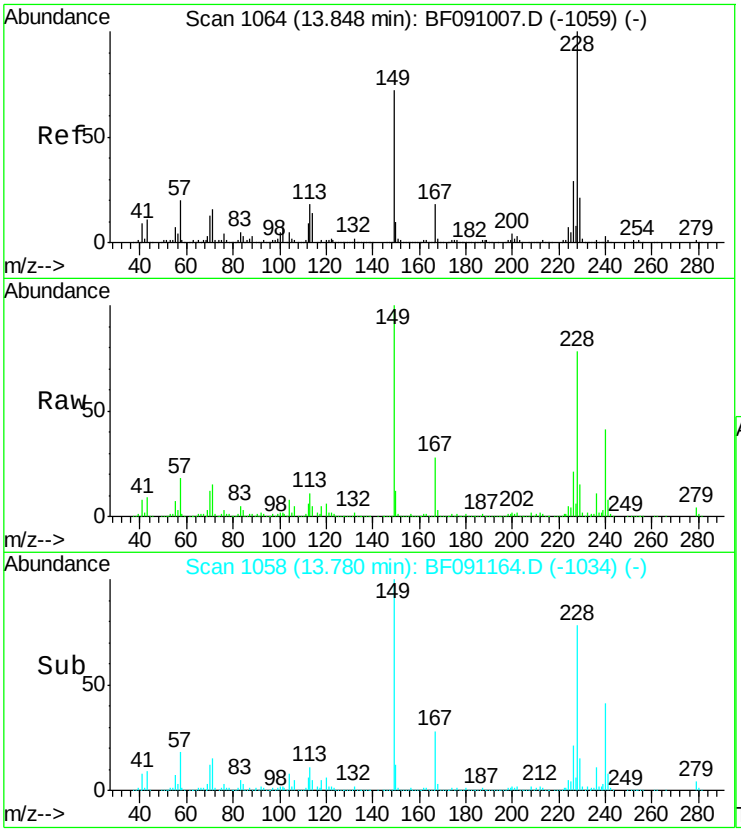




#82
Chrysene
Concen: 48.03 ng
RT: 13.81 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:228 Resp: 1442662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.7 | 24.9 | 37.3 |
| 229 | 20.5 | 15.9 | 23.9 |



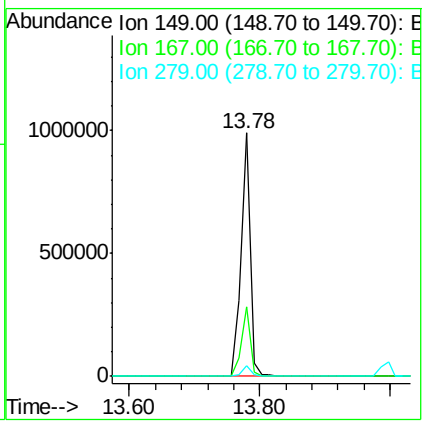


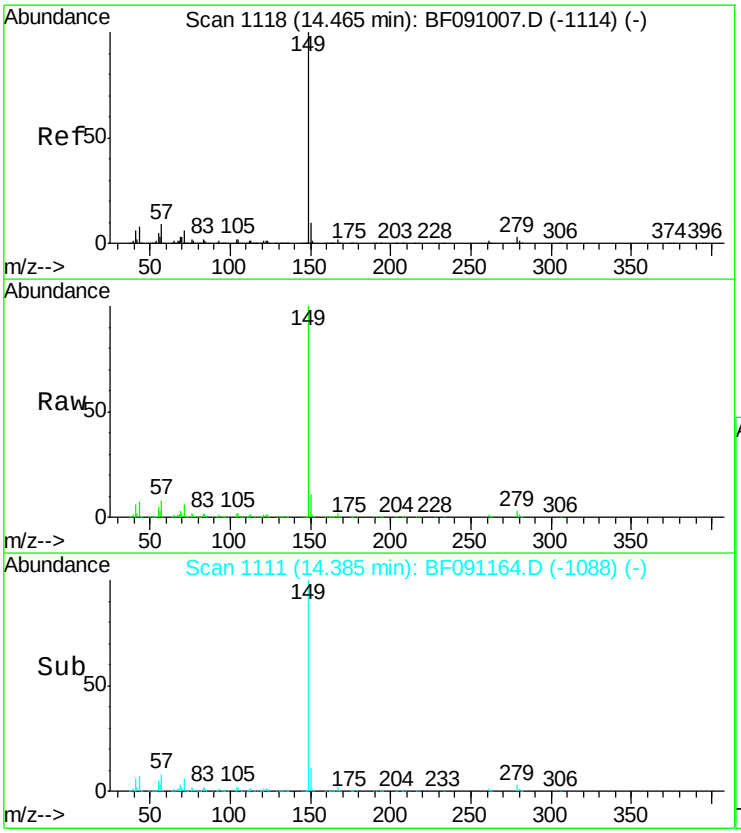

#83
Bis(2-ethylhexyl)phthalate
Concen: 41.36 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:149 Resp: 940659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.4 | 20.4 | 30.6 |
| 279 | 4.3 | 1.6 | 2.4# |

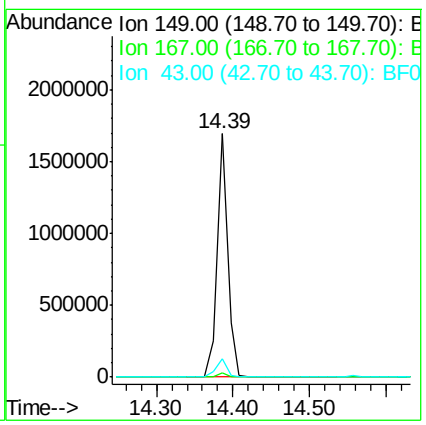


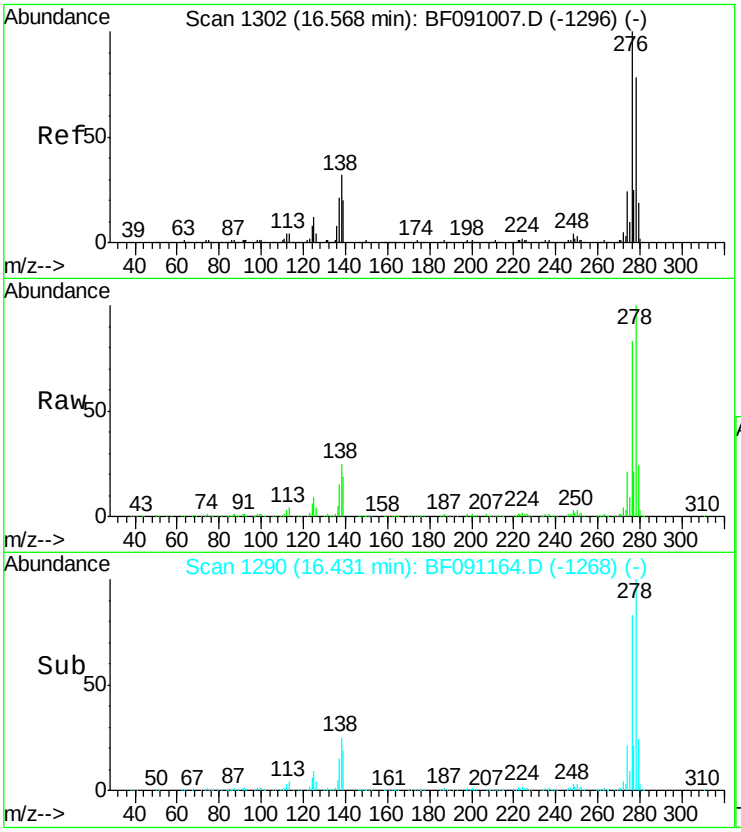




#84
Di-n-octyl phthalate
Concen: 43.14 ng
RT: 14.39 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:149 Resp: 1613386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 7.6 | 8.2 | 12.4# |



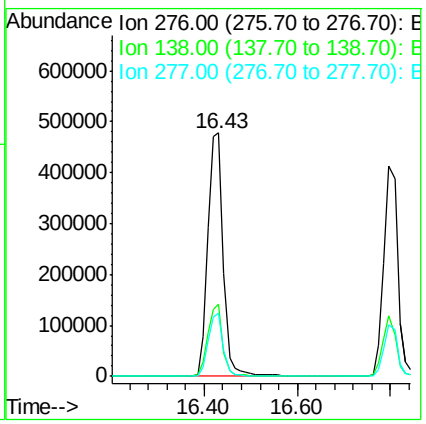


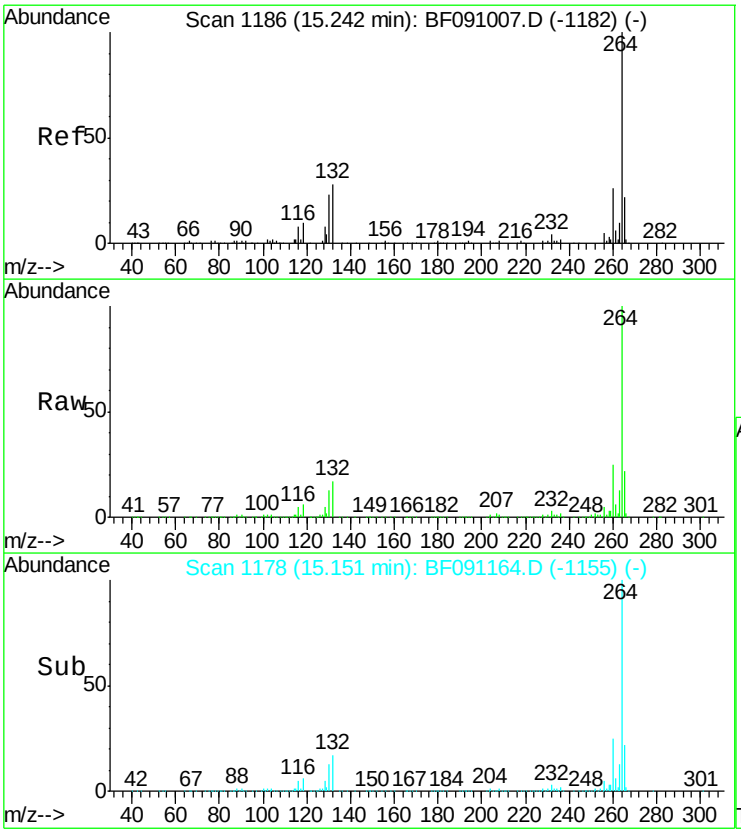

#85
Indeno(1,2,3-cd)pyrene
Concen: 44.84 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.05 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:276 Resp: 1117643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.8 | 26.0 | 39.0 |
| 277 | 25.3 | 20.1 | 30.1 |

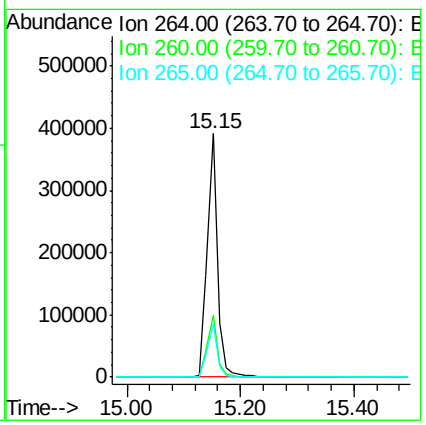


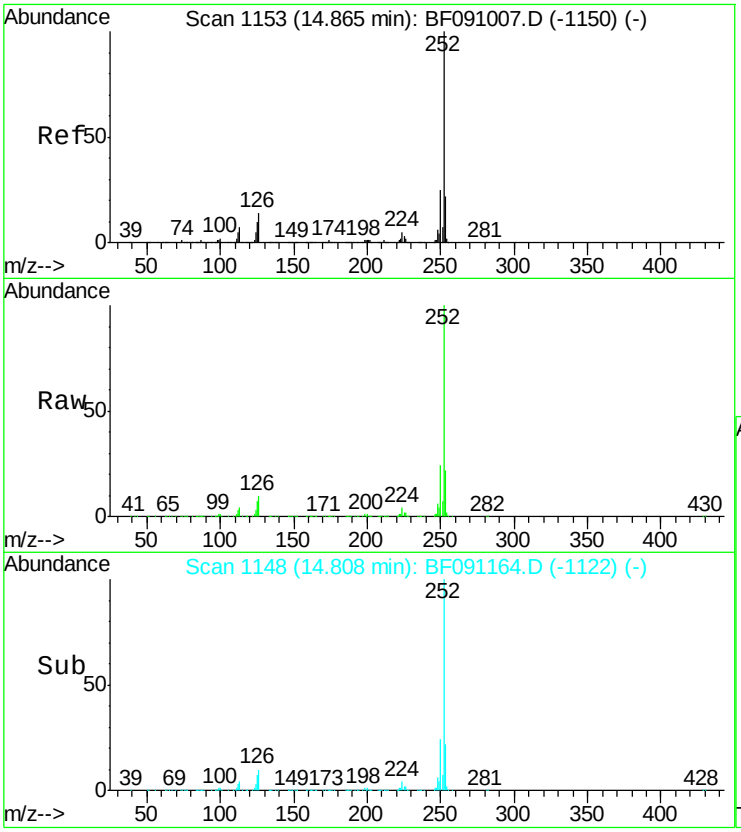




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:264 Resp: 471059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.3 | 20.6 | 30.8 |
| 265 | 21.9 | 17.8 | 26.8 |



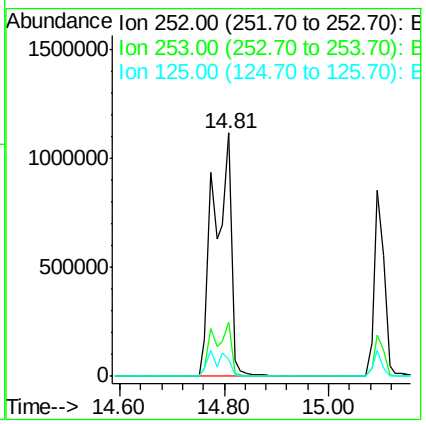


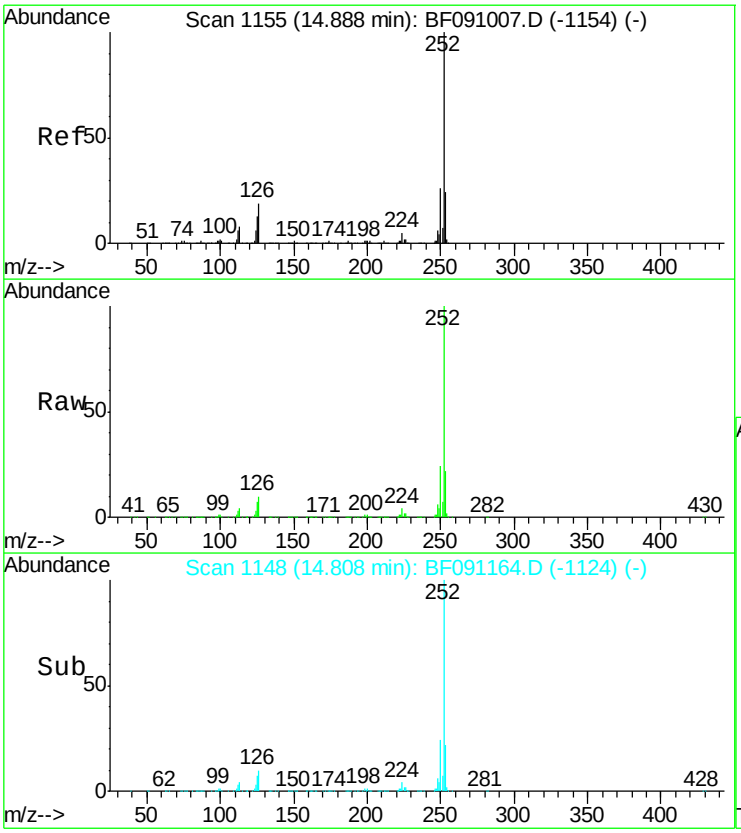

#87
Benzo(b)fluoranthene
Concen: 79.94 ng
RT: 14.81 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:252 Resp: 2554135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.0 | 27.0 |
| 125 | 6.7 | 8.3 | 12.5# |

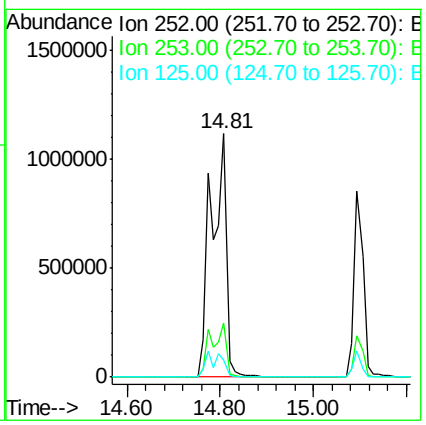


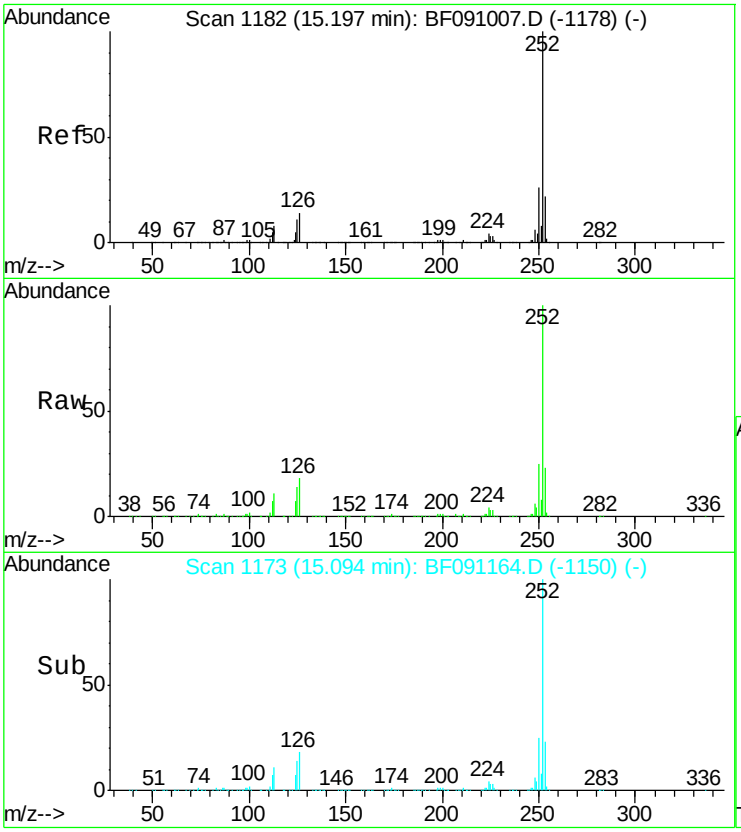




#88
Benzo(k)fluoranthene
Concen: 91.21 ng
RT: 14.81 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:252 Resp: 2556227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.6 | 28.0 |
| 125 | 6.7 | 11.2 | 16.8# |



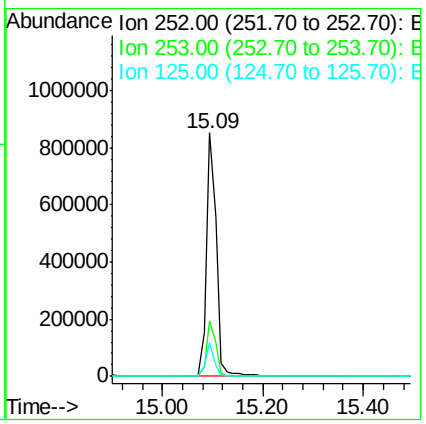


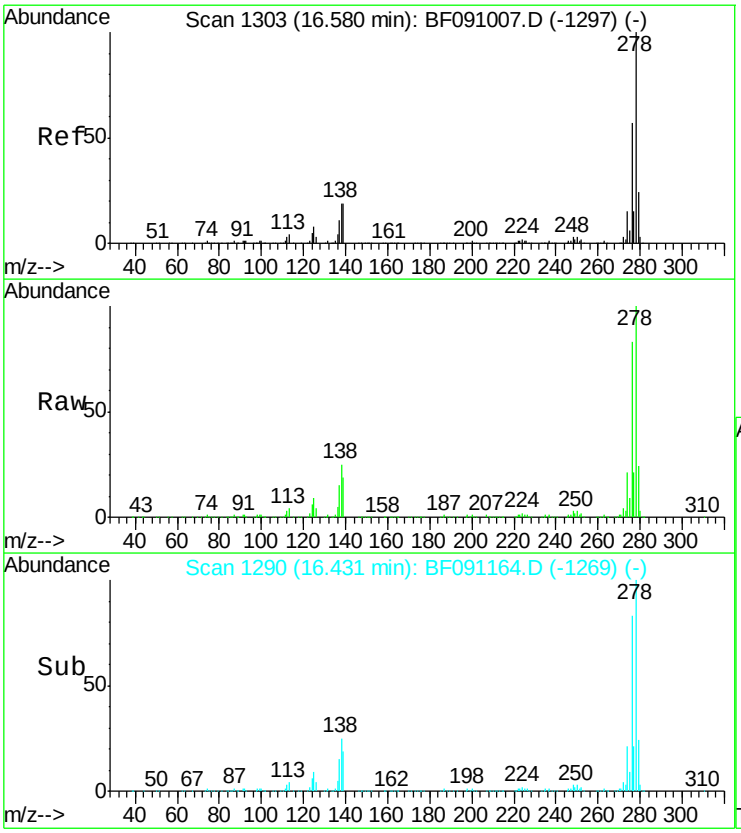

#89
Benzo(a)pyrene
Concen: 40.99 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:252 Resp: 1140145

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.8 | 26.8 |
| 125 | 14.0 | 8.6 | 13.0# |

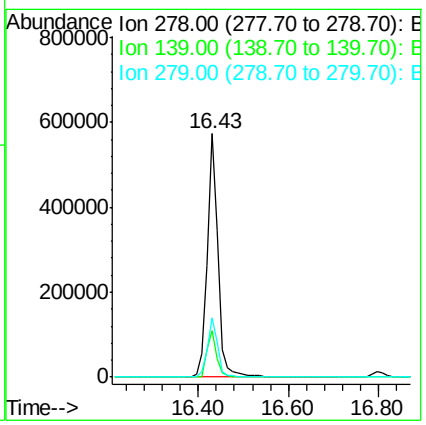


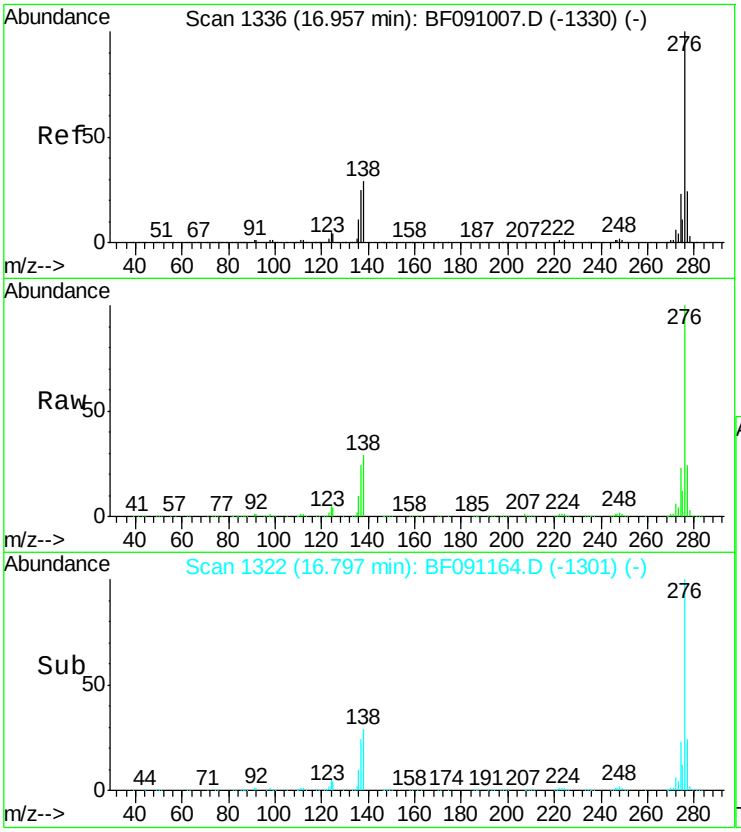




#90
Dibenzo(a,h)anthracene
Concen: 39.62 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

Tgt Ion:278 Resp: 952636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.1 | 15.3 | 22.9 |
| 279 | 24.1 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 39.94 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.06 min
Lab File: BF091164.D
Acq: 14 Nov 2016 15:10

**Instrument :**
BNA_F
**ClientSampleId :**
PB94712BS

Tgt Ion:276 Resp: 868518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 19.2 | 28.8 |
| 138 | 29.0 | 23.3 | 34.9 |