Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091207.D
Acq On : 17 Nov 2016 00:01
Operator : UM/SJ
Sample : H5657-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-BPM-01-AA8-AA9-AA8A-AA9AM

Quant Time: Nov 17 12:44:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:05:11 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.62 | 152 | 195787 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.92 | 136 | 788348 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.66 | 164 | 434891 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.14 | 188 | 714350 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.78 | 240 | 584551 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.15 | 264 | 413752 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.22 | 112 | 1632659 | 137.72 | ng | | 0.02 |
| 7) Phenol-d6 | 6.29 | 99 | 2079947 | 129.26 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.20 | 82 | 1354504 | 93.73 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.46 | 330 | 607055 | 154.40 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 8.99 | 172 | 2206566 | 87.35 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.73 | 244 | 2183717 | 93.22 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.14 | 88 | 220451 | 32.51 | ng | | 98 |
| 3) Pyridine | 2.78 | 79 | 340916 | 21.49 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 2.75 | 42 | 276305 | 44.03 | ng | | 84 |
| 6) Aniline | 6.29 | 93 | 526284 | 27.73 | ng | # | 56 |
| 8) 2-Chlorophenol | 6.41 | 128 | 642017 | 45.40 | ng | | 94 |
| 9) Benzaldehyde | 6.18 | 77 | 58127 | 6.51 | ng | | 95 |
| 10) Phenol | 6.30 | 94 | 830033 | 46.61 | ng | # | 54 |
| 11) bis(2-Chloroethyl)ether | 6.37 | 93 | 702364 | 46.81 | ng | | 87 |
| 12) 1,3-Dichlorobenzene | 6.56 | 146 | 649677m | 45.43 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.64 | 146 | 675018 | 43.99 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 6.80 | 146 | 620712 | 44.08 | ng | | 95 |
| 15) Benzyl Alcohol | 6.78 | 79 | 527083 | 46.44 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.91 | 45 | 794187 | 36.96 | ng | # | 25 |
| 17) 2-Methylphenol | 6.91 | 107 | 541850 | 48.40 | ng | | 95 |
| 18) Hexachloroethane | 7.13 | 117 | 253228 | 42.64 | ng | | 90 |
| 19) n-Nitroso-di-n-propylamine | 7.06 | 70 | 507345 | 45.50 | ng | # | 93 |
| 20) 3+4-Methylphenols | 7.07 | 107 | 706382 | 52.56 | ng | | 97 |
| 22) Acetophenone | 7.05 | 105 | 920433 | 50.71 | ng | # | 95 |
| 24) Nitrobenzene | 7.22 | 77 | 758811 | 47.54 | ng | | 98 |
| 25) Isophorone | 7.46 | 82 | 1348759 | 48.43 | ng | | 100 |
| 26) 2-Nitrophenol | 7.54 | 139 | 356434 | 52.77 | ng | # | 69 |
| 27) 2,4-Dimethylphenol | 7.58 | 122 | 587090 | 52.56 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.68 | 93 | 806410 | 53.01 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.78 | 162 | 483707 | 49.62 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.86 | 180 | 540719 | 49.33 | ng | | 99 |
| 31) Naphthalene | 7.93 | 128 | 1669055 | 44.27 | ng | | 100 |
| 32) Benzoic acid | 7.72 | 122 | 74504 | 12.72 | ng | | 88 |
| 33) 4-Chloroaniline | 8.00 | 127 | 355583 | 22.68 | ng | | 100 |
| 34) Hexachlorobutadiene | 8.05 | 225 | 299932 | 50.70 | ng | | 98 |
| 35) Caprolactam | 8.38 | 113 | 166396m | 54.33 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.50 | 107 | 519641 | 44.03 | ng | | 95 |
| 37) 2-Methylnaphthalene | 8.62 | 142 | 1069793 | 44.14 | ng | | 98 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.80 | 216 | 563254 | 50.80 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.78 | 237 | 464719 | 105.65 | ng | | 99 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091207.D
Acq On : 17 Nov 2016 00:01
Operator : UM/SJ
Sample : H5657-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-BPM-01-AA8-AA9-AA8A-AA9AM

Quant Time: Nov 17 12:44:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:05:11 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.92 | 196 | 349615 | 48.84 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 8.97 | 196 | 376918 | 50.15 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.09 | 154 | 1377312 | 43.37 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.12 | 162 | 1102971 | 45.75 | ng | | 97 |
| 47) 2-Nitroaniline | 9.22 | 65 | 308846 | 34.52 | ng | | 98 |
| 48) Acenaphthylene | 9.53 | 152 | 1585954 | 42.21 | ng | | 99 |
| 49) Dimethylphthalate | 9.41 | 163 | 2078905 | 72.90 | ng | # | 99 |
| 50) 2,6-Dinitrotoluene | 9.47 | 165 | 310081 | 50.74 | ng | # | 66 |
| 51) Acenaphthene | 9.70 | 154 | 983798 | 41.71 | ng | | 99 |
| 52) 3-Nitroaniline | 9.63 | 138 | 199991 | 27.60 | ng | | 94 |
| 53) 2,4-Dinitrophenol | 9.76 | 184 | 178700 | 55.74 | ng | # | 79 |
| 54) Dibenzofuran | 9.87 | 168 | 1379761 | 43.45 | ng | | 96 |
| 55) 4-Nitrophenol | 9.82 | 139 | 316691 | 66.65 | ng | # | 81 |
| 56) 2,4-Dinitrotoluene | 9.87 | 165 | 331855 | 42.68 | ng | # | 79 |
| 57) Fluorene | 10.21 | 166 | 1103950 | 42.53 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.00 | 232 | 312134 | 53.02 | ng | | 91 |
| 59) Diethylphthalate | 10.11 | 149 | 1297139 | 44.37 | ng | | 95 |
| 60) 4-Chlorophenyl-phenylether | 10.21 | 204 | 546538 | 46.27 | ng | | 92 |
| 61) 4-Nitroaniline | 10.26 | 138 | 301569 | 41.13 | ng | | 89 |
| 62) Azobenzene | 10.36 | 77 | 1290328 | 37.49 | ng | | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 10.28 | 198 | 178047 | 40.70 | ng | # | 47 |
| 65) n-Nitrosodiphenylamine | 10.34 | 169 | 1049188 | 46.21 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.69 | 248 | 362559 | 48.79 | ng | # | 83 |
| 67) Hexachlorobenzene | 10.76 | 284 | 454501 | 55.46 | ng | # | 84 |
| 68) Atrazine | 10.86 | 200 | 306048 | 46.72 | ng | | 97 |
| 69) Pentachlorophenol | 10.97 | 266 | 344064 | 94.79 | ng | | 99 |
| 70) Phenanthrene | 11.17 | 178 | 1780567 | 46.89 | ng | | 100 |
| 71) Anthracene | 11.22 | 178 | 1575701 | 39.03 | ng | | 99 |
| 72) Carbazole | 11.38 | 167 | 1432011 | 39.36 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.72 | 149 | 1931848 | 42.22 | ng | | 99 |
| 74) Fluoranthene | 12.35 | 202 | 1557762 | 39.55 | ng | | 96 |
| 76) Benzidine | 12.49 | 184 | 334039 | 25.58 | ng | | 97 |
| 77) Pyrene | 12.58 | 202 | 1664273 | 43.47 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.21 | 149 | 760070 | 41.51 | ng | | 89 |
| 80) Benzo(a)anthracene | 13.77 | 228 | 1498965 | 45.16 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.73 | 252 | 350938 | 30.10 | ng | # | 97 |
| 82) Chrysene | 13.80 | 228 | 1326227 | 40.52 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 13.78 | 149 | 1146932 | 46.28 | ng | # | 93 |
| 84) Di-n-octyl phthalate | 14.39 | 149 | 1906899 | 46.80 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 16.42 | 276 | 1115618 | 41.09 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 14.77 | 252 | 1256795m | 44.79 | ng | | |
| 88) Benzo(k)fluoranthene | 14.80 | 252 | 1194221m | 48.51 | ng | | |
| 89) Benzo(a)pyrene | 15.09 | 252 | 1114939 | 45.64 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.43 | 278 | 951159 | 45.04 | ng | # | 96 |
| 91) Benzo(g,h,i)perylene | 16.80 | 276 | 870522 | 45.58 | ng | | 94 |

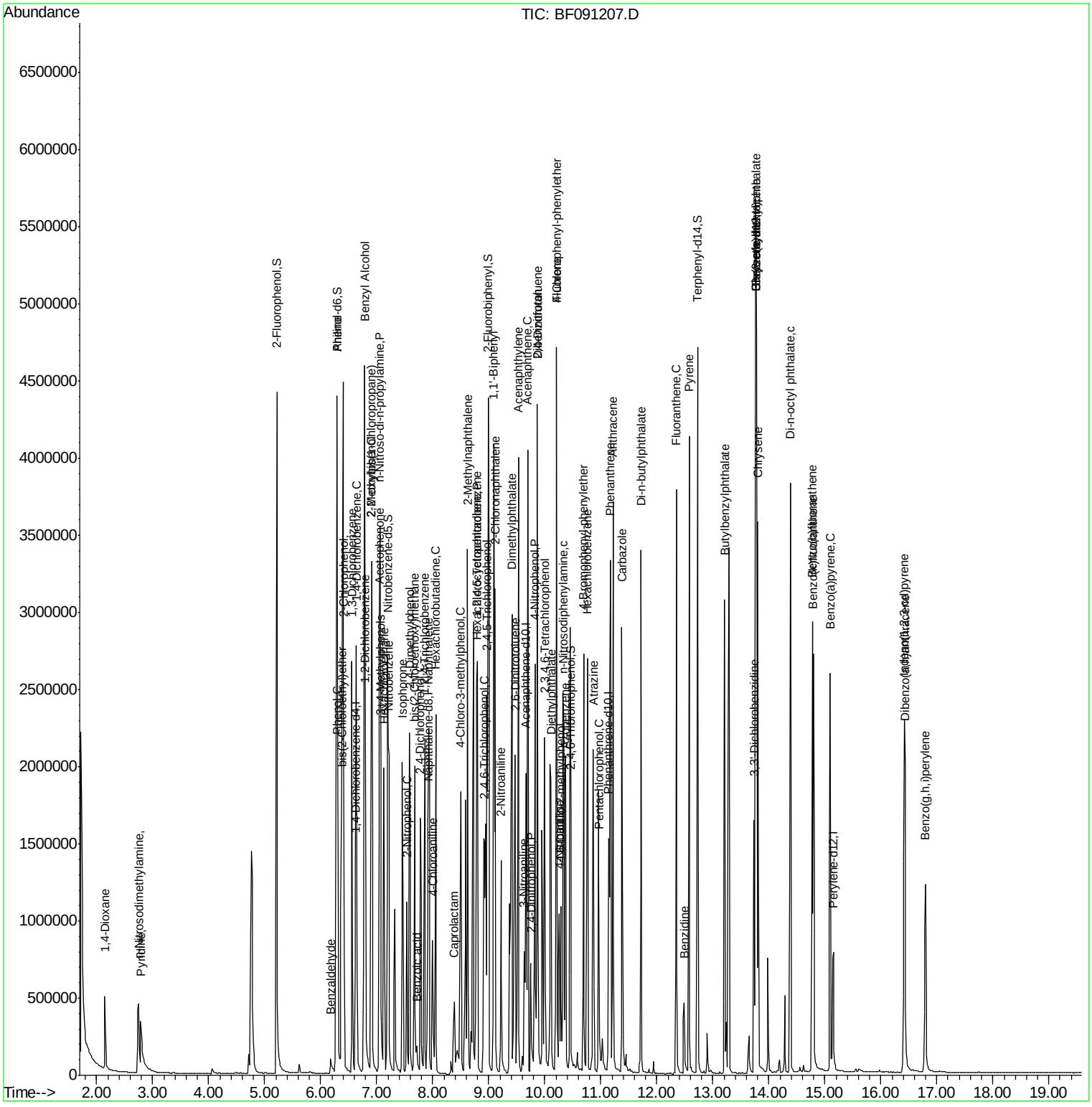
(#) = qualifier out of range (m) = manual integration (+) = signals summed

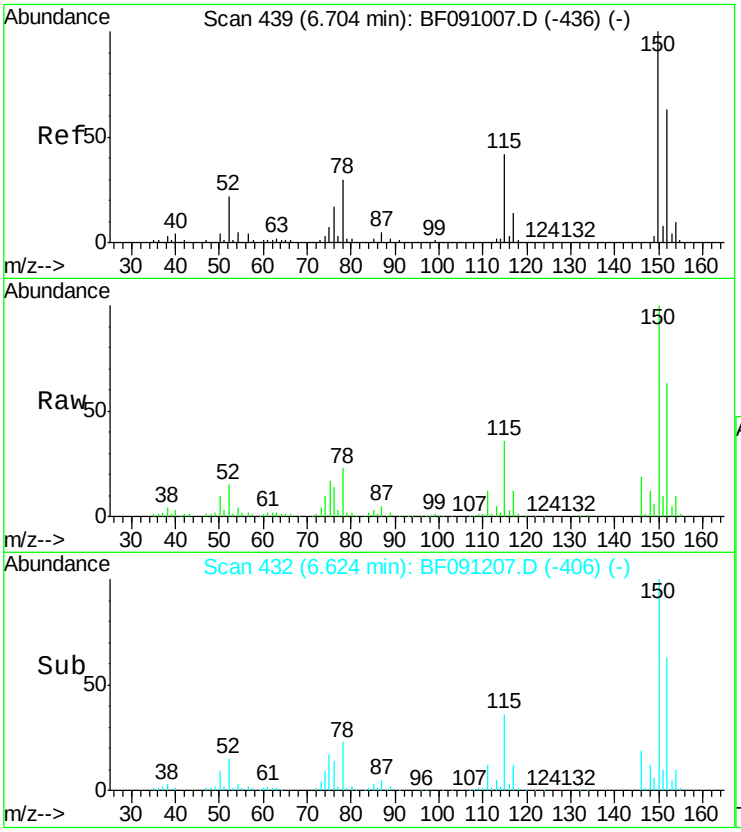
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091207.D
Acq On : 17 Nov 2016 00:01
Operator : UM/SJ
Sample : H5657-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Quant Time: Nov 17 12:44:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:05:11 2016
Response via : Initial Calibration



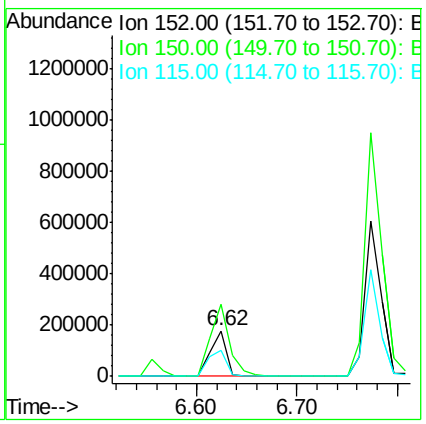


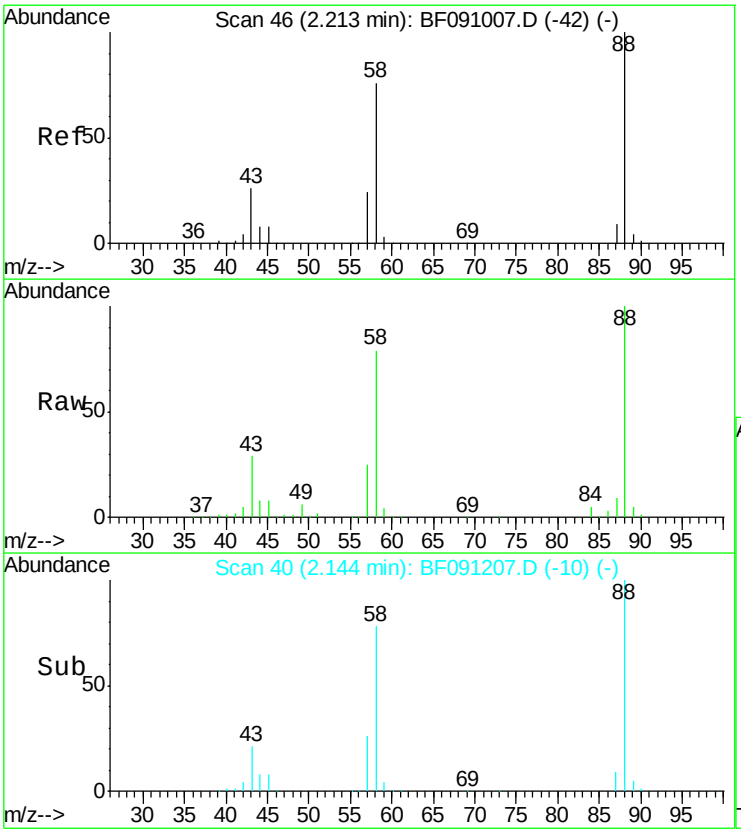

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:152 Resp: 195787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.5 | 126.8 | 190.2 |
| 115 | 56.6 | 53.3 | 79.9 |

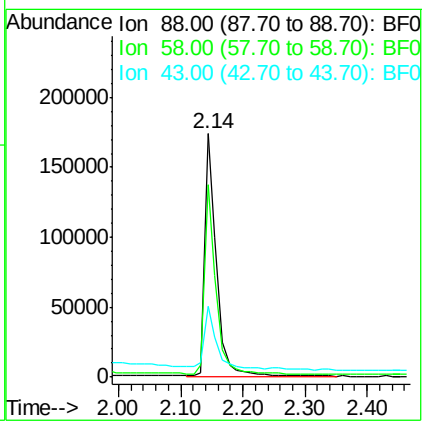


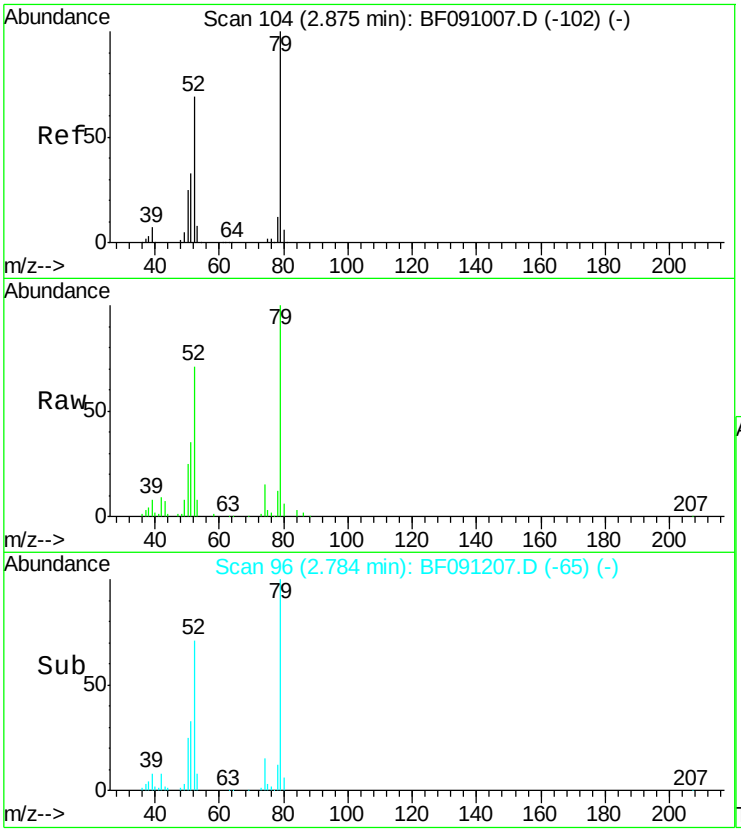




#2
1,4-Dioxane
Concen: 32.51 ng
RT: 2.14 min Scan# 40
Delta R.T. 0.05 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 88 Resp: 220451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 78.6 | 63.8 | 95.6 |
| 43 | 30.3 | 22.6 | 33.8 |



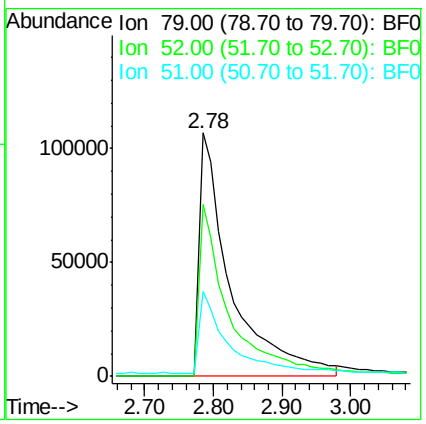


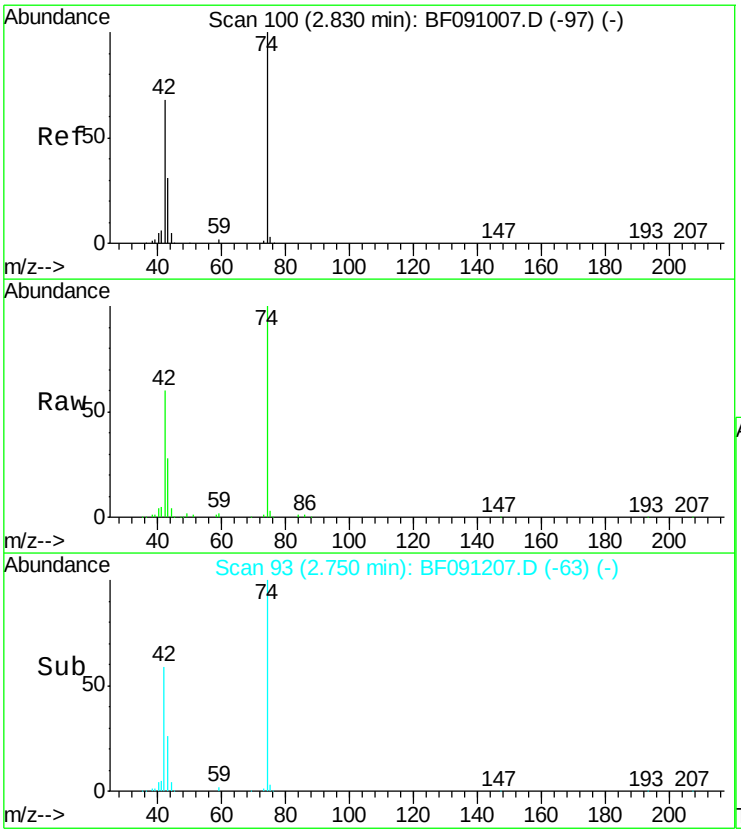

#3
Pyridine
Concen: 21.49 ng
RT: 2.78 min Scan# 96
Delta R.T. 0.06 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 79 Resp: 340916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 70.8 | 55.4 | 83.0 |
| 51 | 34.8 | 27.4 | 41.0 |

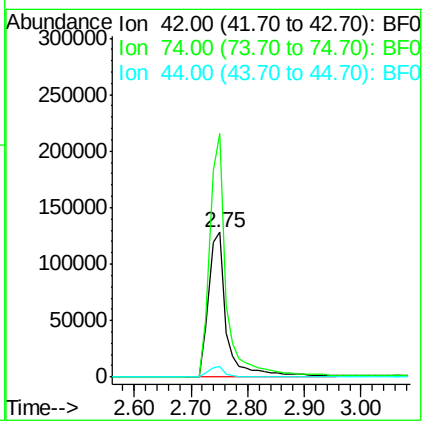


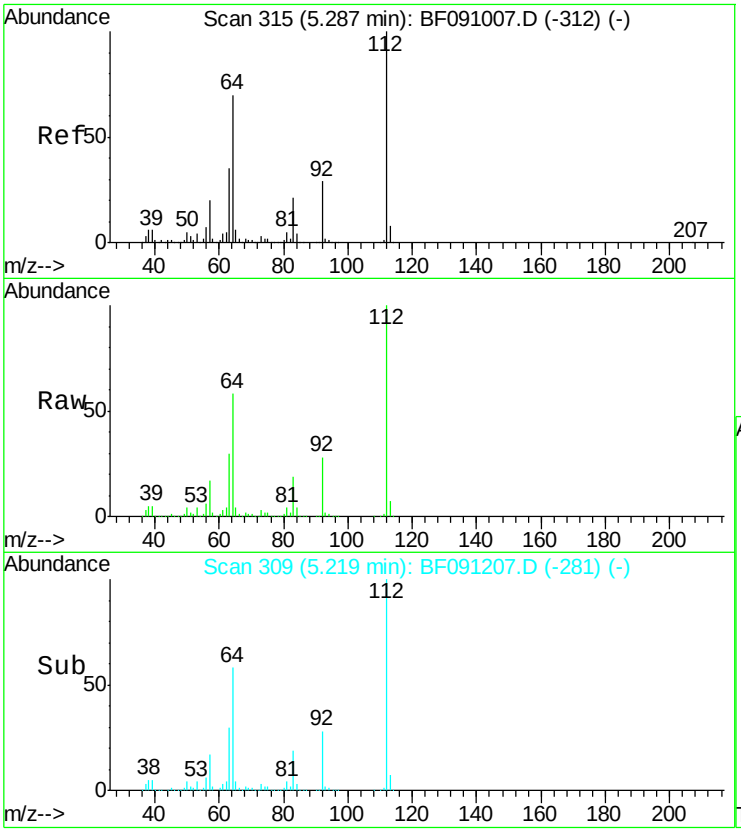




#4
n-Nitrosodimethylamine
Concen: 44.03 ng
RT: 2.75 min Scan# 93
Delta R.T. 0.05 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 42 Resp: 276305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 168.0 | 117.3 | 175.9 |
| 44 | 7.2 | 5.8 | 8.8 |



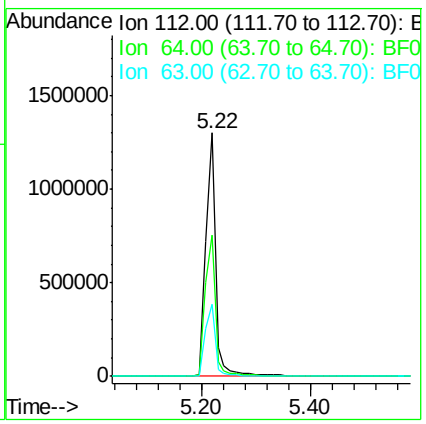


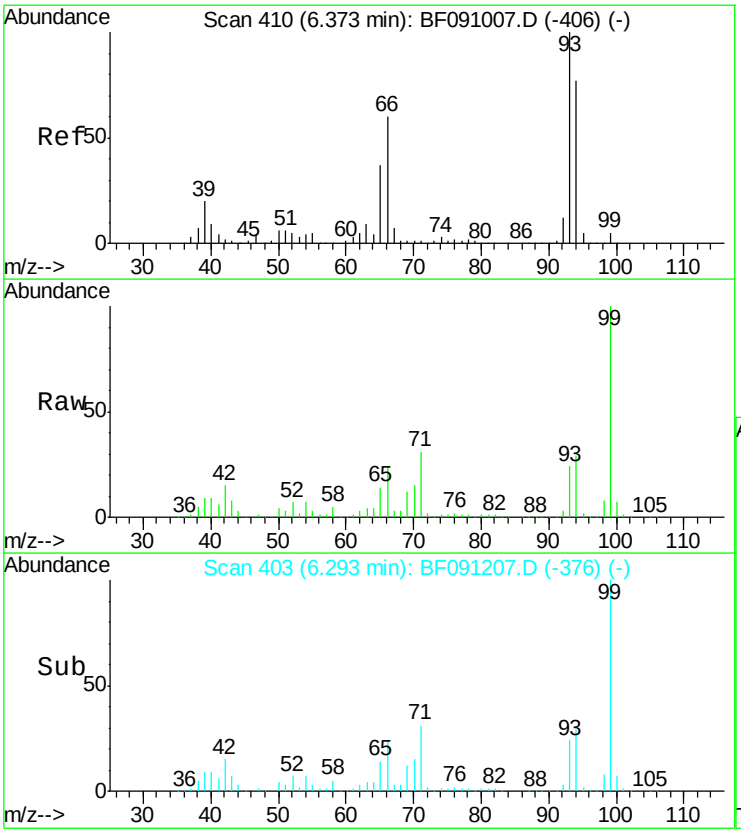

#5
2-Fluorophenol
Concen: 137.72 ng
RT: 5.22 min Scan# 309
Delta R.T. 0.02 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:112 Resp: 1632659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.3 | 55.8 | 83.6 |
| 63 | 29.7 | 28.0 | 42.0 |

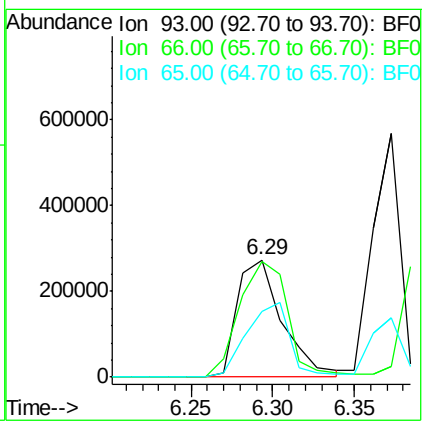


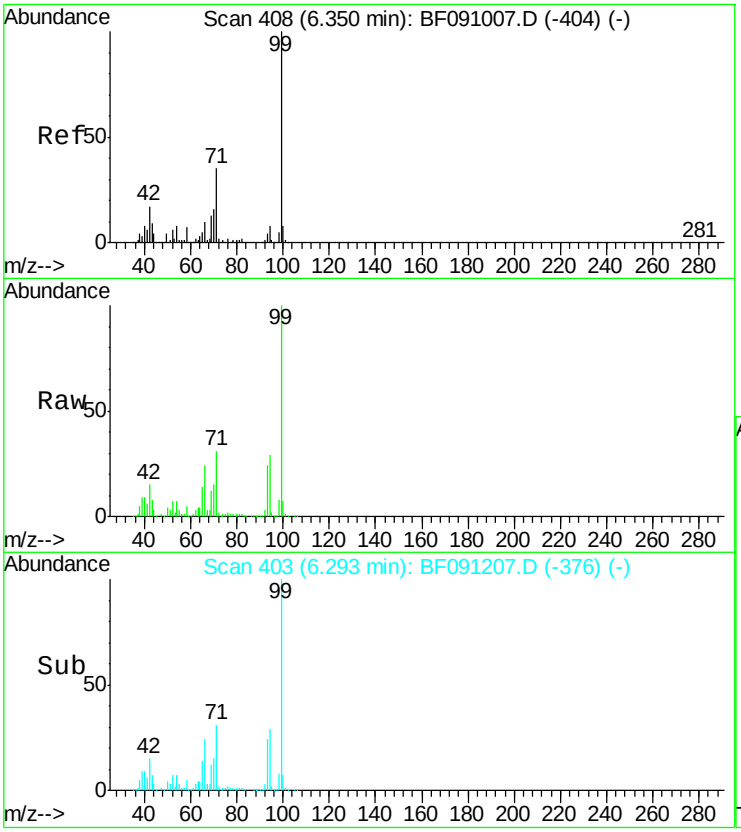




#6
Aniline
Concen: 27.73 ng
RT: 6.29 min Scan# 403
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 93 Resp: 526284

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 98.6 | 48.2 | 72.2# |
| 65 | 55.6 | 29.4 | 44.0# |



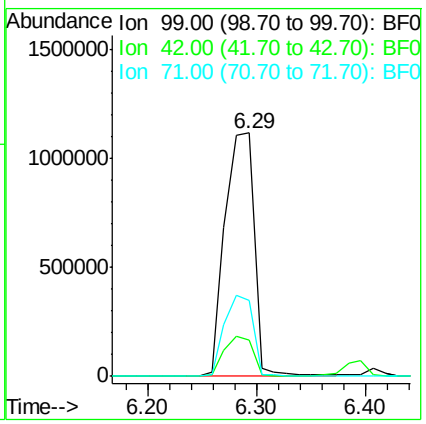


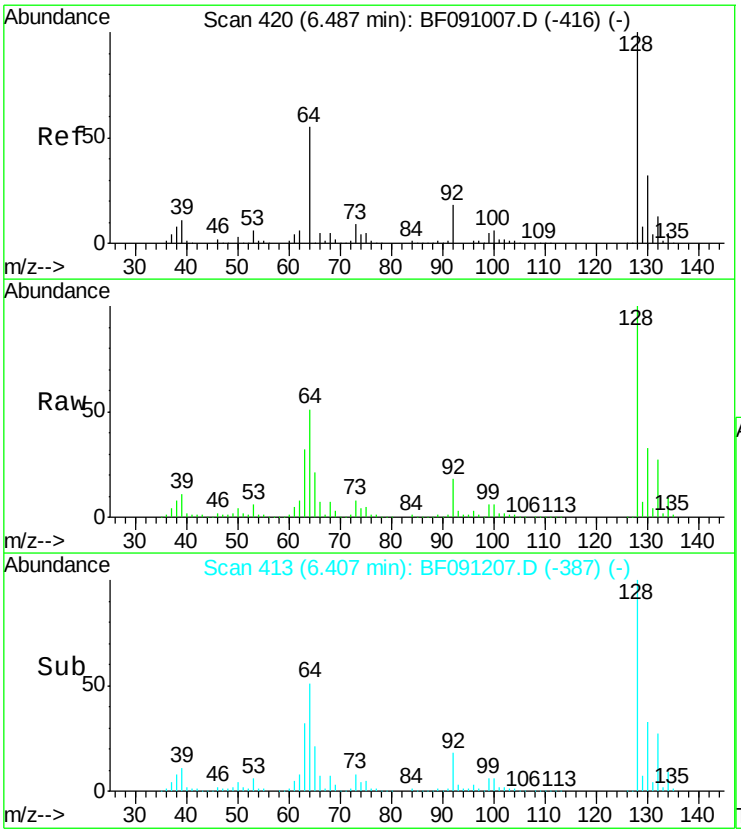

#7
Phenol-d6
Concen: 129.26 ng
RT: 6.29 min Scan# 403
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 99 Resp: 2079947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.7 | 13.9 | 20.9 |
| 71 | 31.4 | 27.8 | 41.8 |

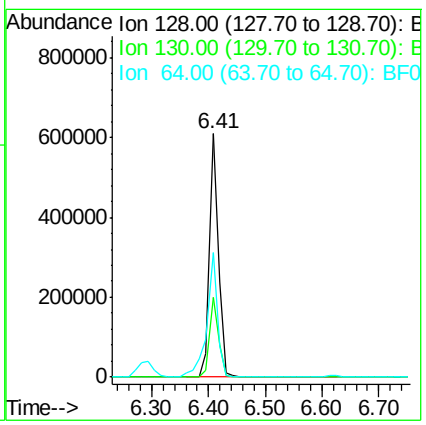


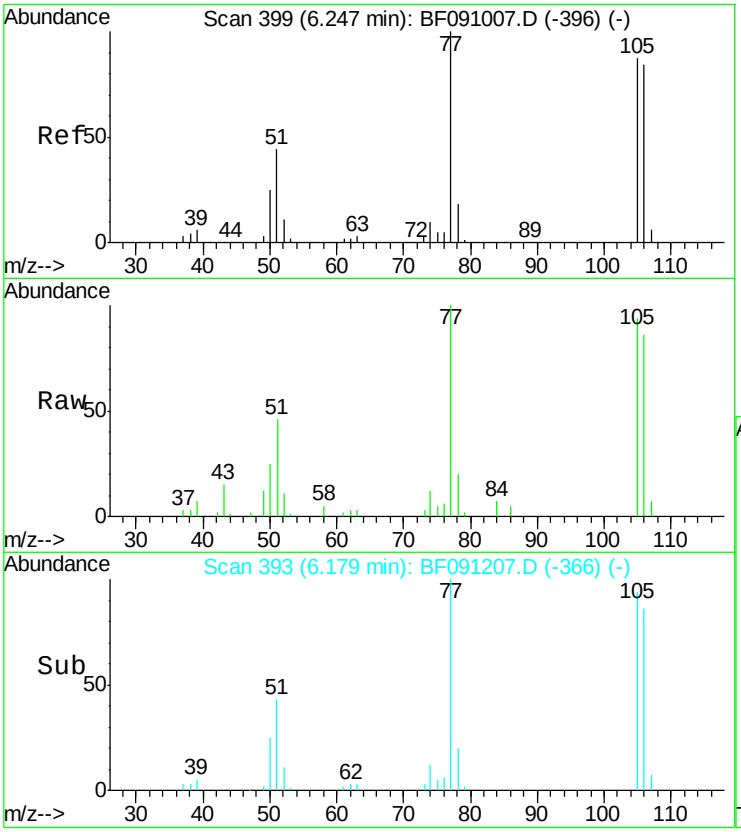




#8
2-Chlorophenol
Concen: 45.40 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:128 Resp: 642017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.0 | 12.0 | 52.0 |
| 64 | 51.2 | 37.2 | 77.2 |



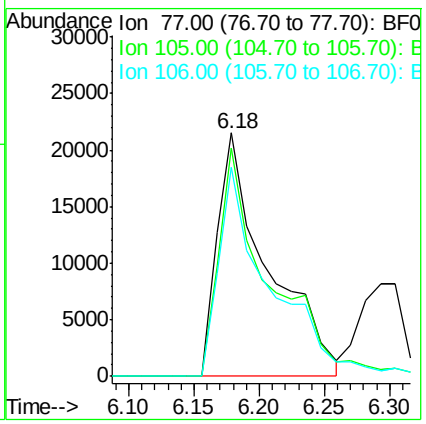


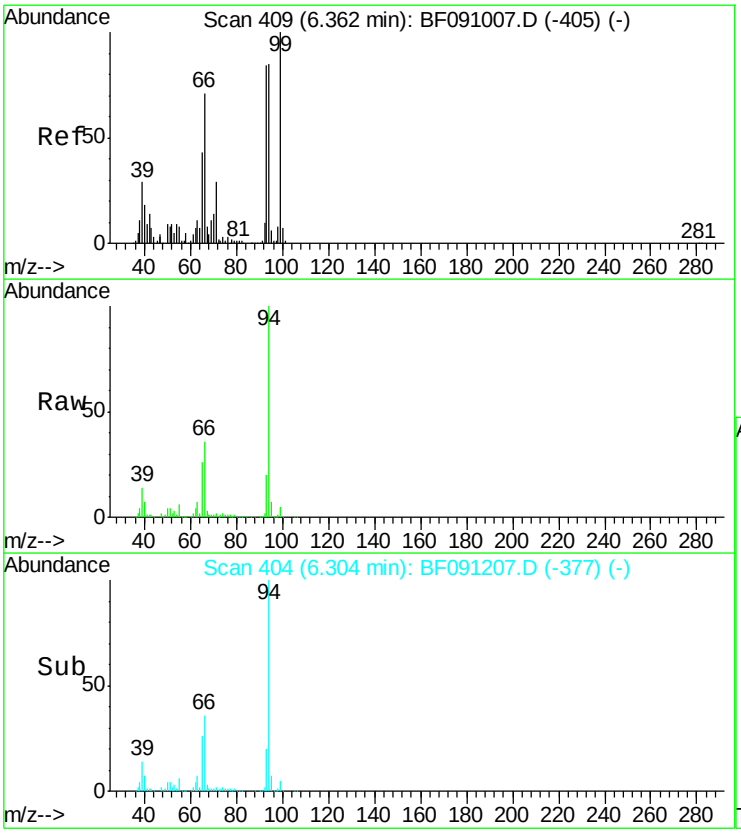

#9
Benzaldehyde
Concen: 6.51 ng
RT: 6.18 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 77 Resp: 58127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 93.7 | 66.8 | 106.8 |
| 106 | 85.6 | 64.0 | 104.0 |

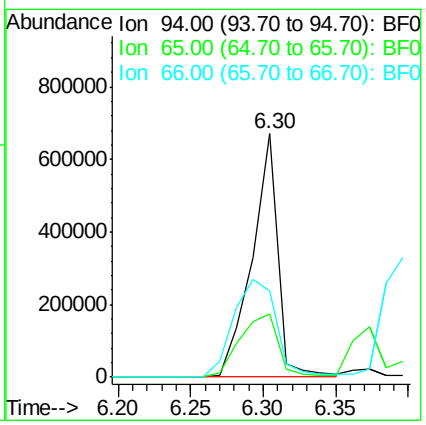


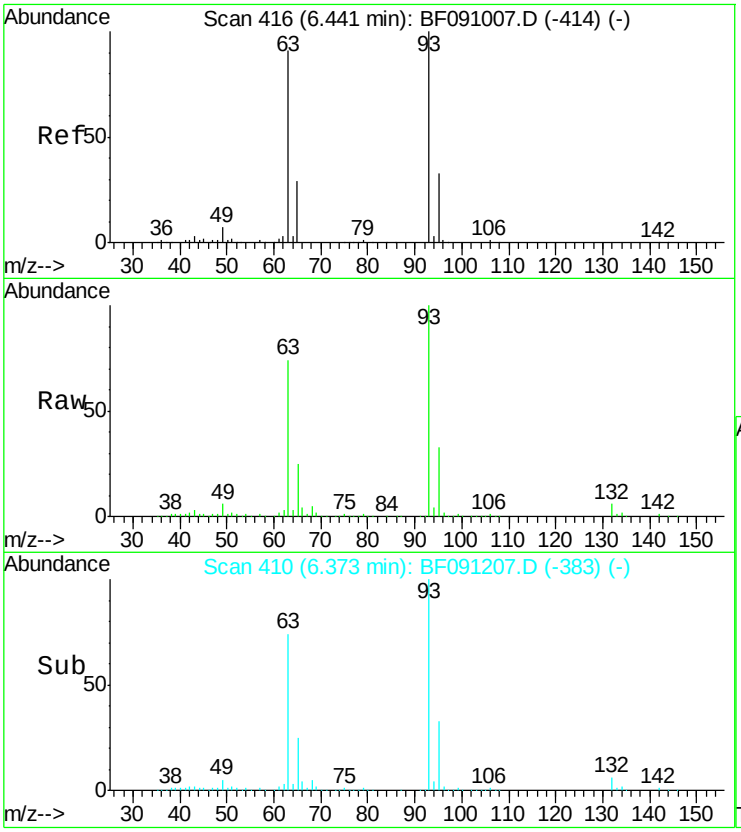




#10
Phenol
Concen: 46.61 ng
RT: 6.30 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 94 Resp: 830033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.0 | 30.4 | 70.4# |
| 66 | 35.5 | 62.9 | 102.9# |



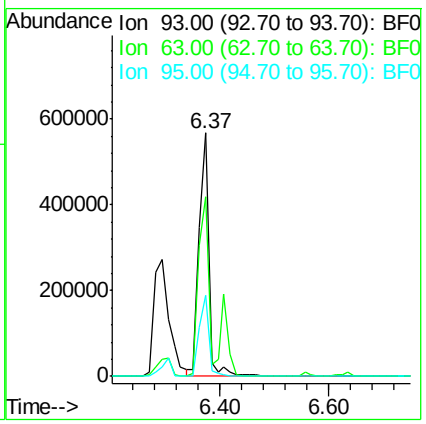


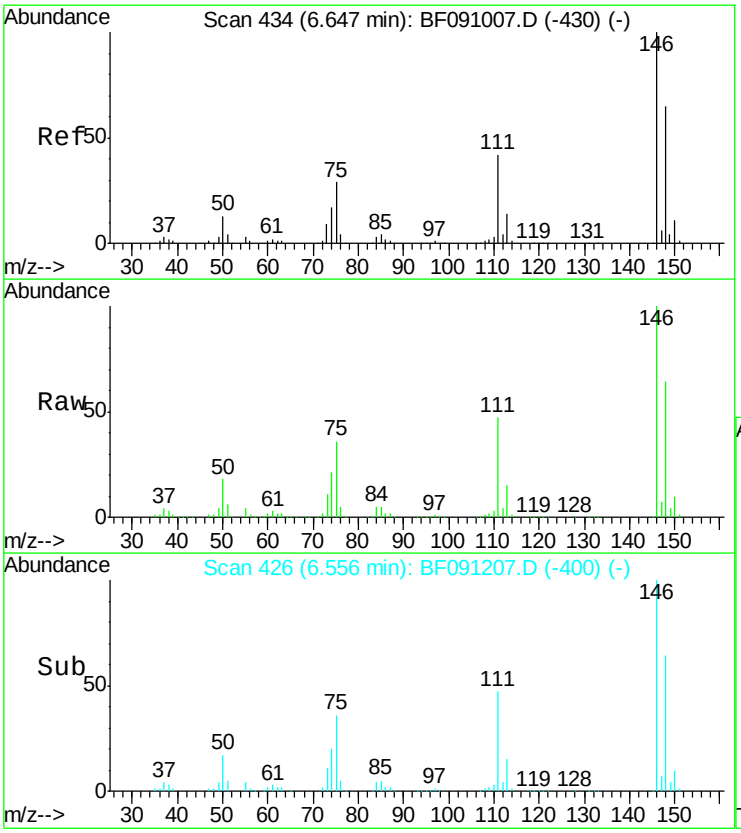

#11
bis(2-Chloroethyl)ether
Concen: 46.81 ng
RT: 6.37 min Scan# 410
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 93 Resp: 702364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 73.6 | 68.9 | 108.9 |
| 95 | 33.4 | 12.3 | 52.3 |

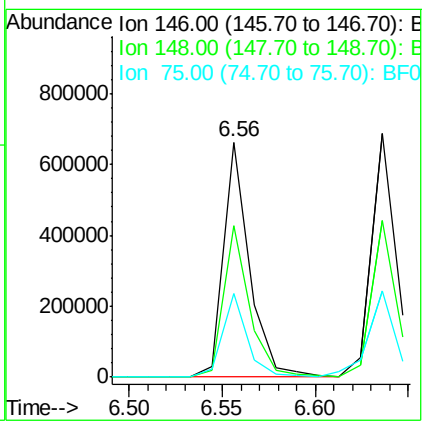


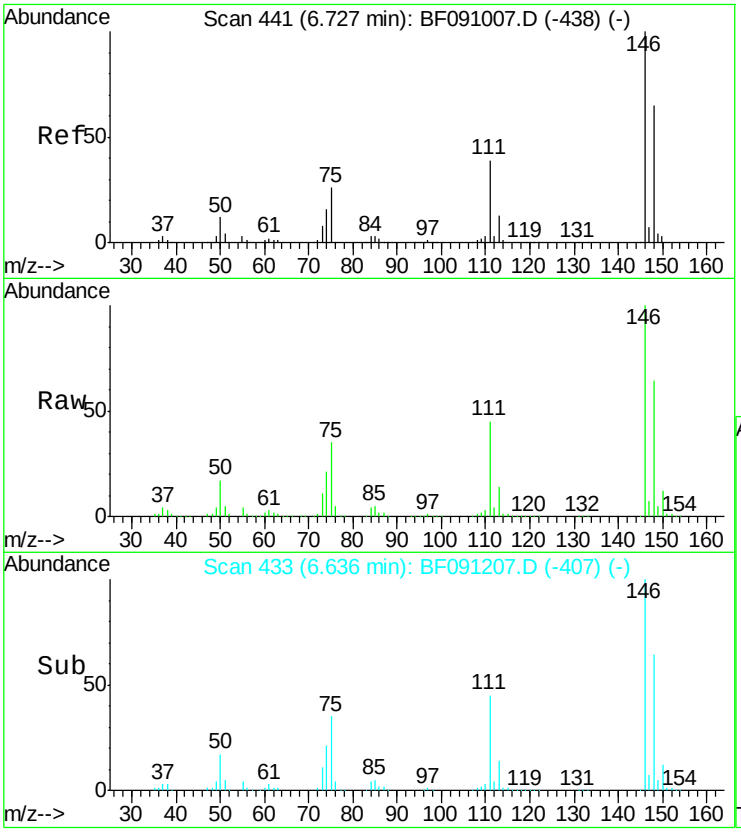




#12
1,3-Dichlorobenzene
Concen: 45.43 ng m
RT: 6.56 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:146 Resp: 649677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 52.0 | 78.0 |
| 75 | 35.5 | 23.0 | 34.6# |



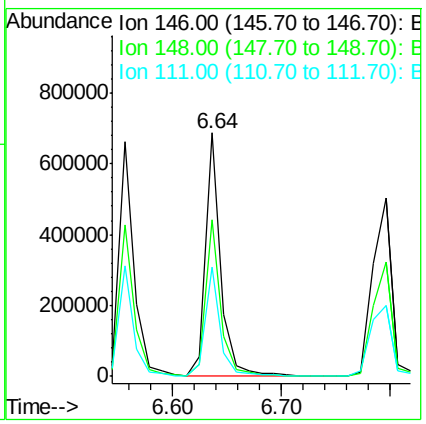


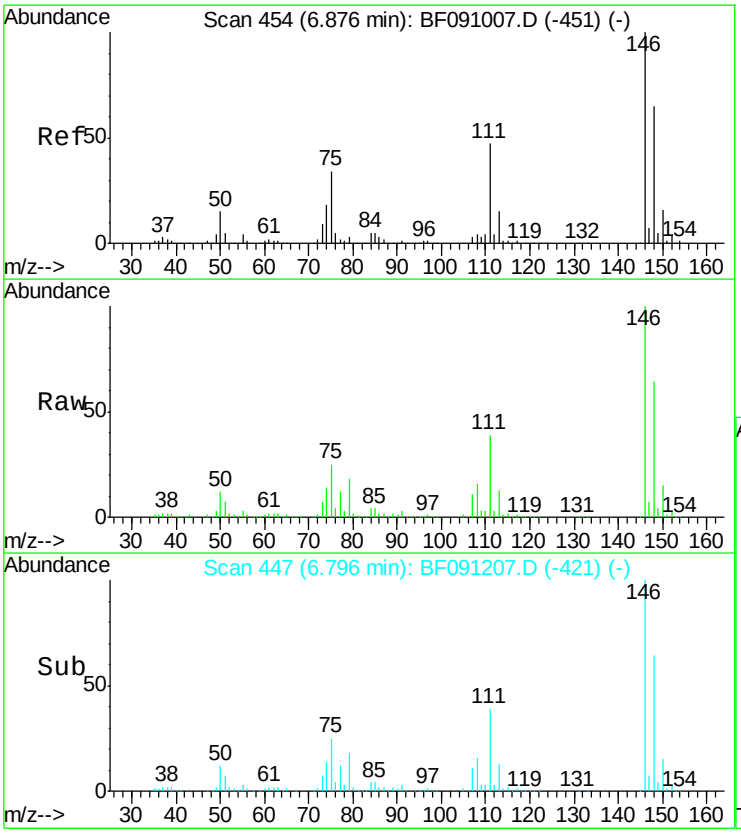

#13
1,4-Dichlorobenzene
Concen: 43.99 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:146 Resp: 675018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 52.1 | 78.1 |
| 111 | 45.0 | 31.6 | 47.4 |

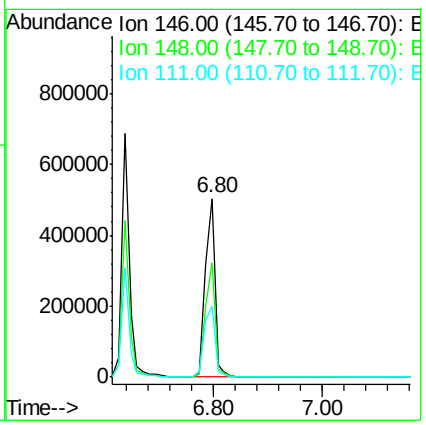


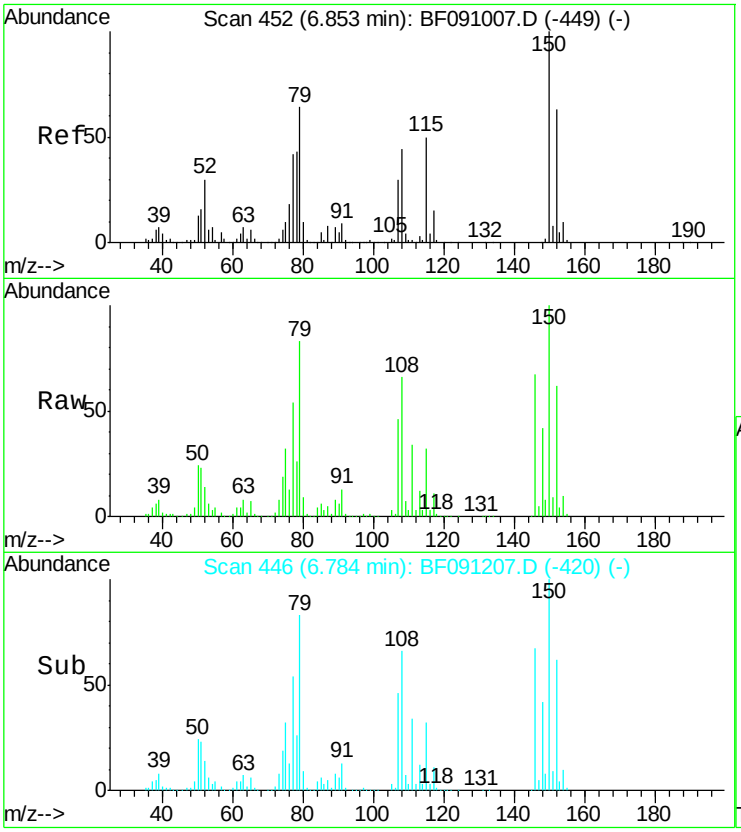




#14
1,2-Dichlorobenzene
Concen: 44.08 ng
RT: 6.80 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:146 Resp: 620712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 51.6 | 77.4 |
| 111 | 39.4 | 37.3 | 55.9 |



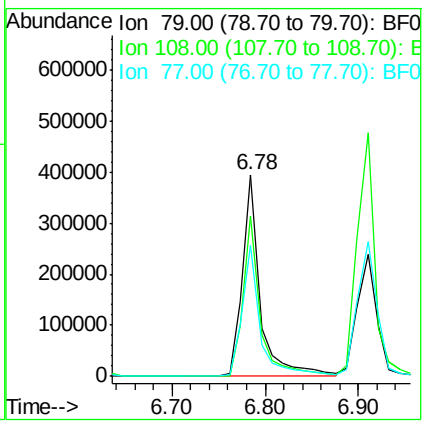


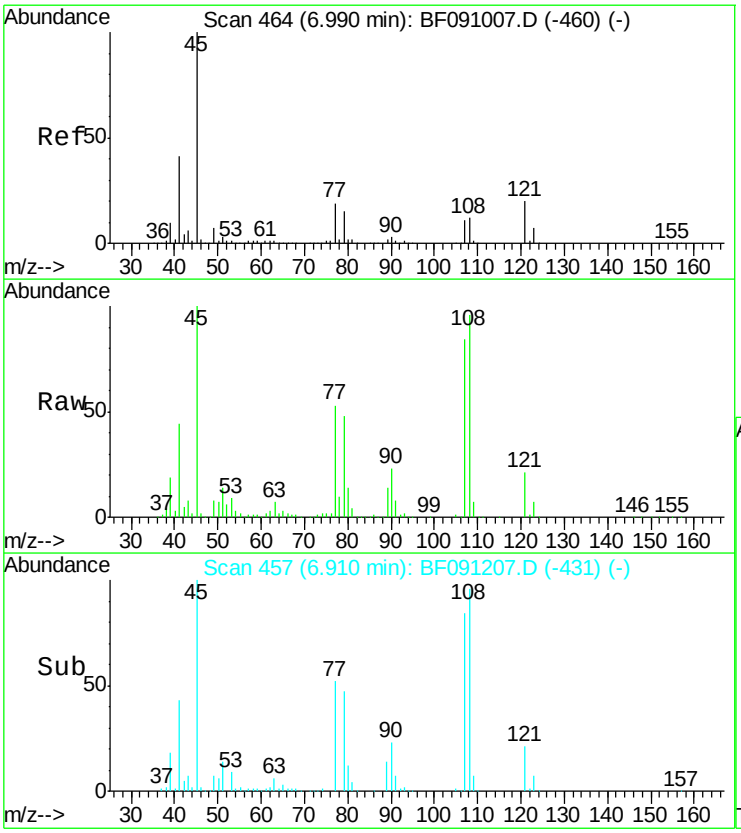

#15
Benzyl Alcohol
Concen: 46.44 ng
RT: 6.78 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 79 Resp: 527083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 79.7 | 55.7 | 83.5 |
| 77 | 64.9 | 52.6 | 79.0 |

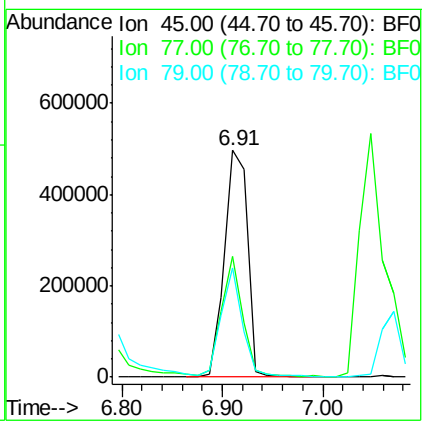


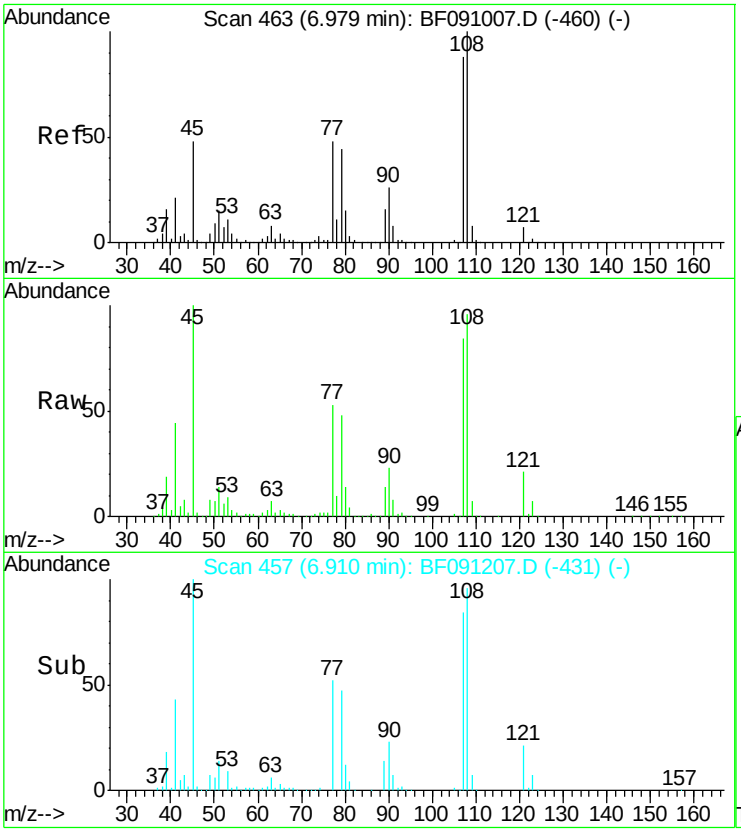




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.96 ng
RT: 6.91 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 45 Resp: 794187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 53.4 | 0.0 | 39.6# |
| 79 | 48.3 | 0.0 | 35.9# |



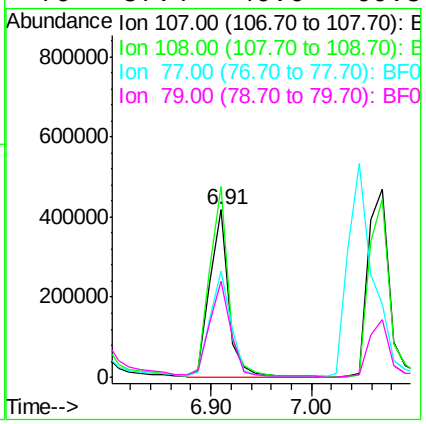


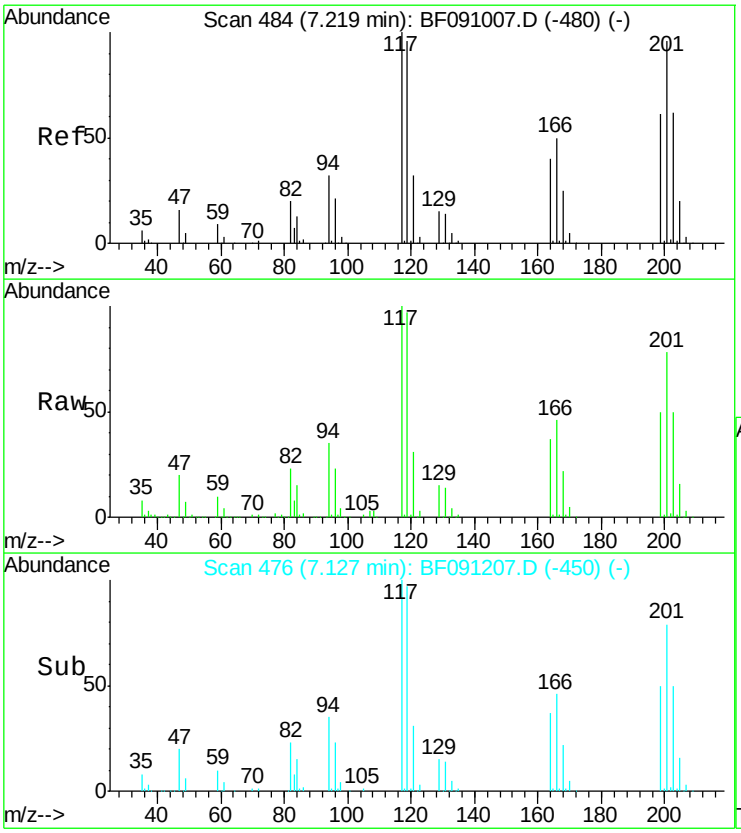

#17
2-Methylphenol
Concen: 48.40 ng
RT: 6.91 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:107 Resp: 541850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.9 | 91.0 | 136.6 |
| 77 | 63.4 | 43.8 | 65.8 |
| 79 | 57.4 | 40.6 | 60.8 |

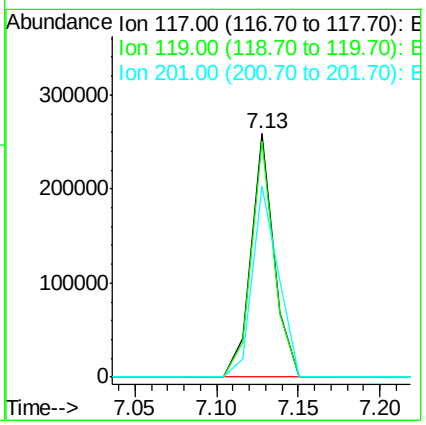


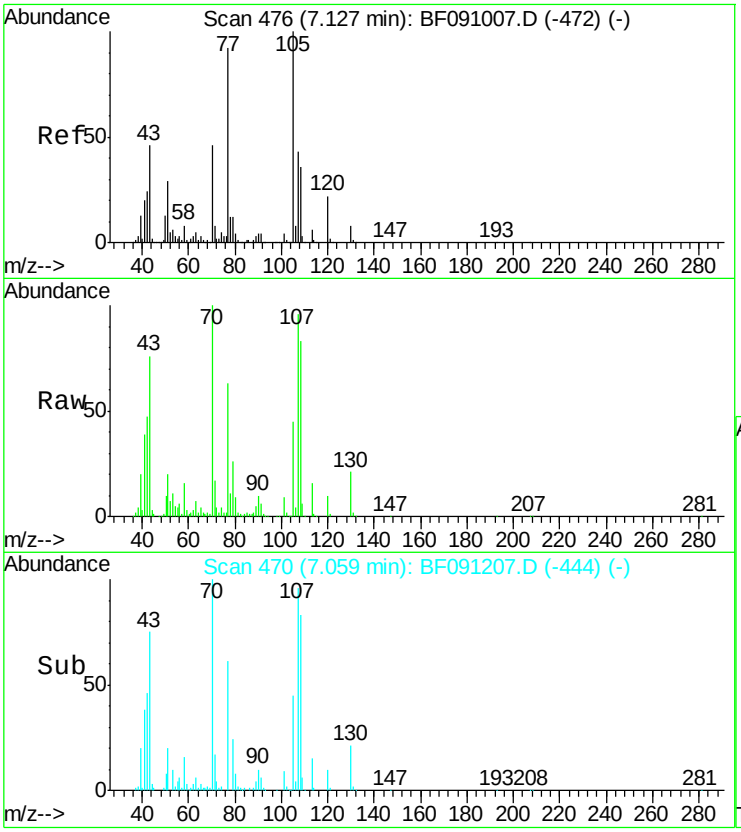




#18
Hexachloroethane
Concen: 42.64 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:117 Resp: 253228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.8 | 76.6 | 115.0 |
| 201 | 78.5 | 77.1 | 115.7 |



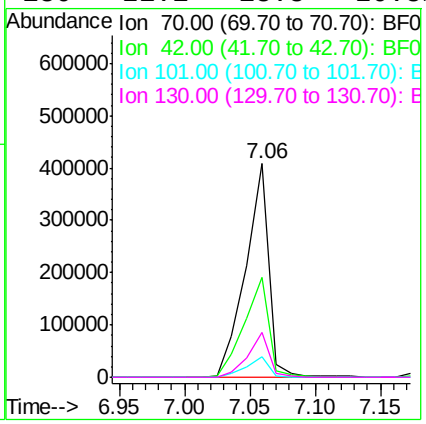


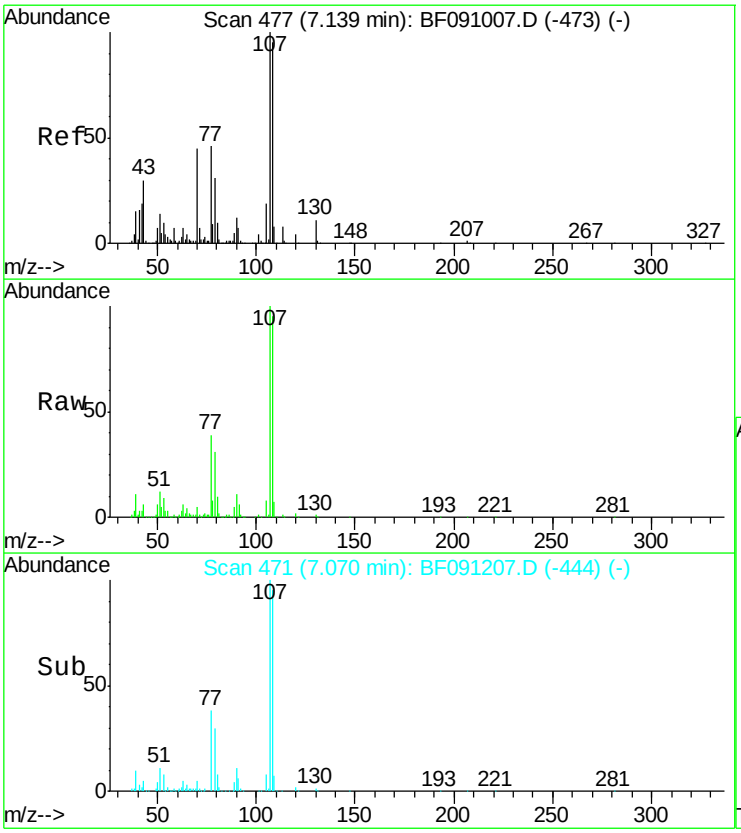

#19
n-Nitroso-di-n-propylamine
Concen: 45.50 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 70 Resp: 507345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.0 | 41.7 | 62.5 |
| 101 | 9.3 | 6.7 | 10.1 |
| 130 | 21.1 | 13.8 | 20.8# |

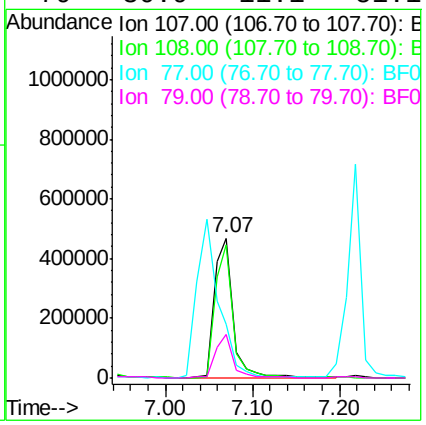


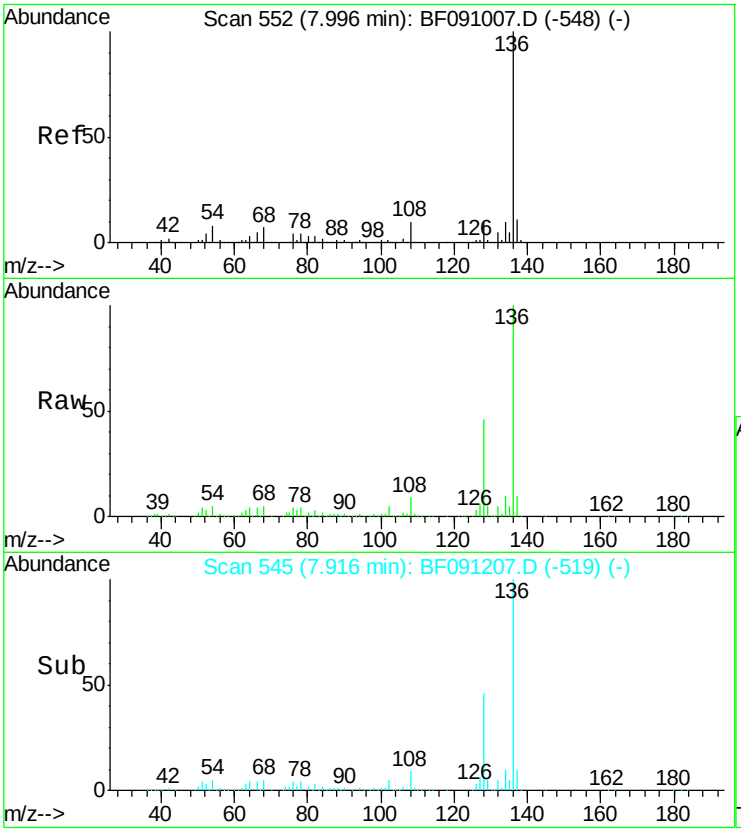




#20
3+4-Methylphenols
Concen: 52.56 ng
RT: 7.07 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:107 Resp: 706382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 95.0 | 75.5 | 115.5 |
| 77 | 38.8 | 26.4 | 66.4 |
| 79 | 30.9 | 11.1 | 51.1 |



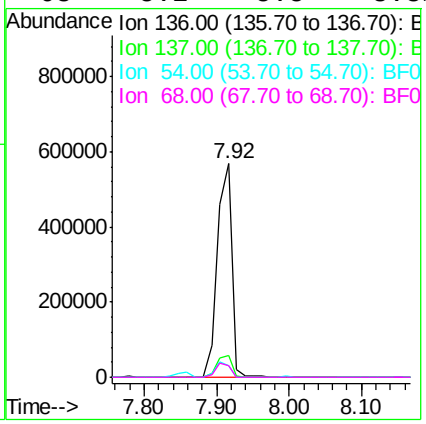


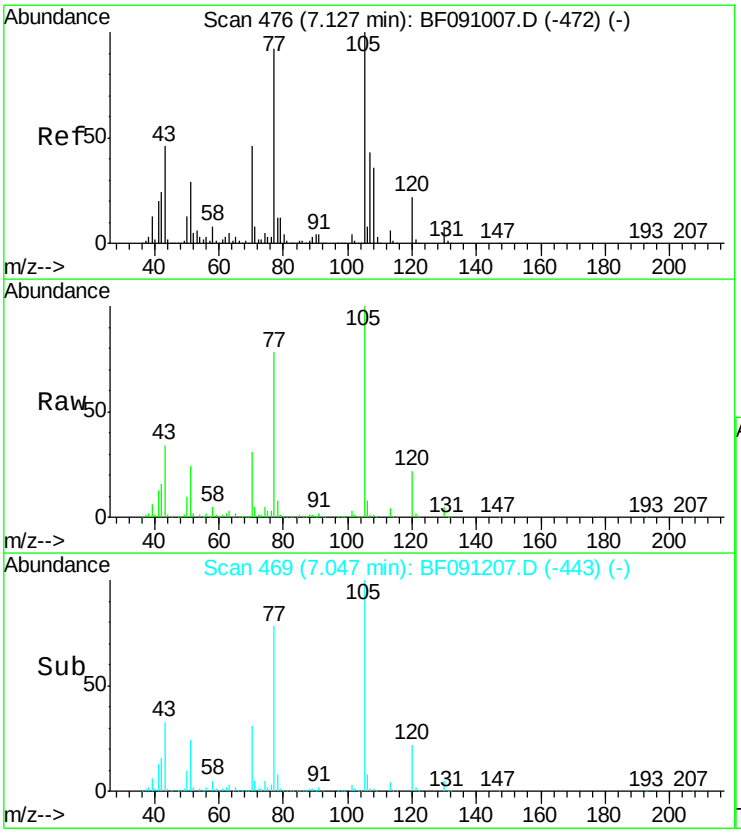

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:136 Resp: 788348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.9 | 13.3 |
| 54 | 5.2 | 6.2 | 9.2# |
| 68 | 5.2 | 5.5 | 8.3# |

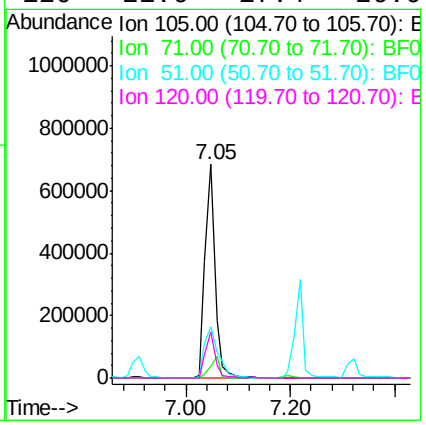


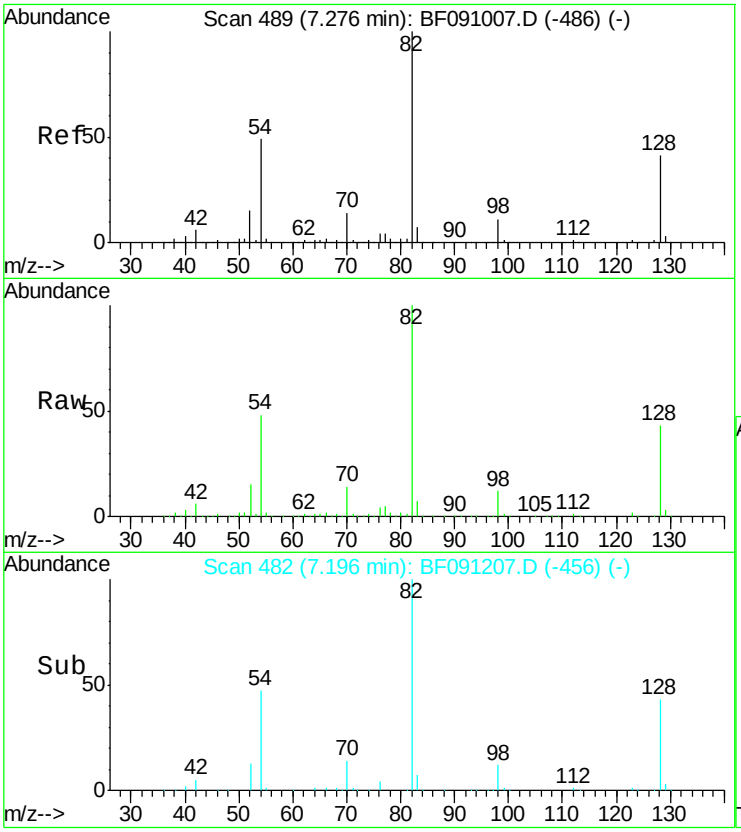




#22
Acetophenone
Concen: 50.71 ng
RT: 7.05 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:105 Resp: 920433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.3 | 6.2 | 9.2# |
| 51 | 24.2 | 23.3 | 34.9 |
| 120 | 21.6 | 17.4 | 26.0 |



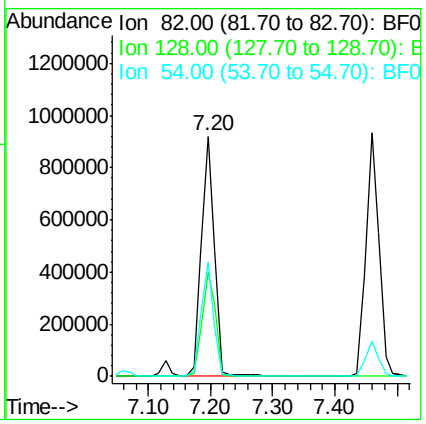


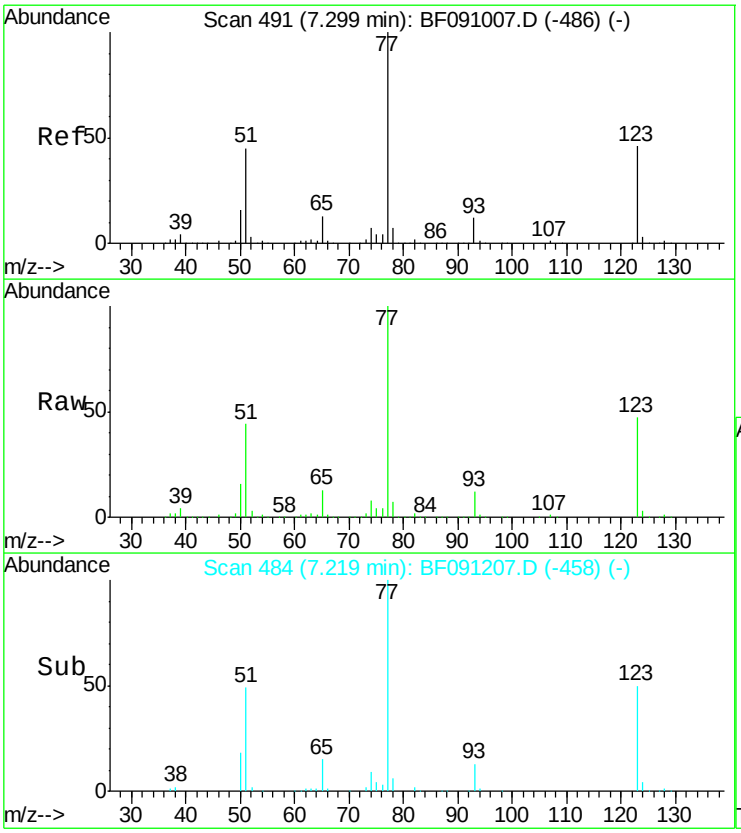

#23
Nitrobenzene-d5
Concen: 93.73 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 82 Resp: 1354504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.3 | 32.4 | 48.6 |
| 54 | 47.8 | 39.2 | 58.8 |

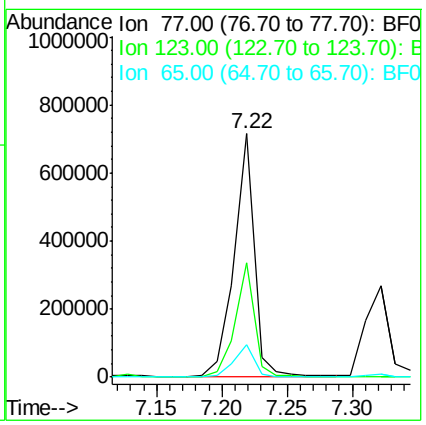


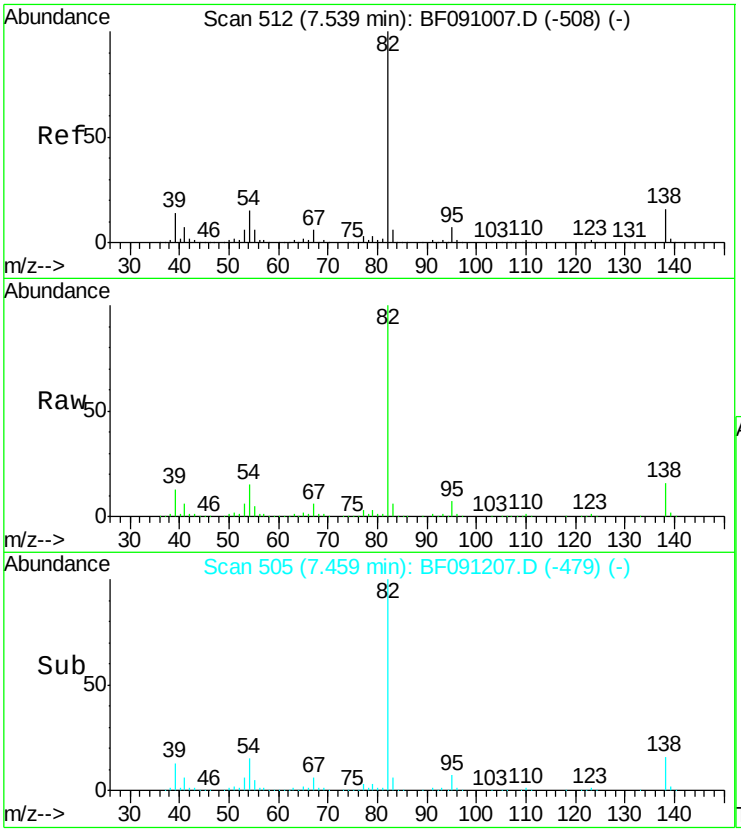




#24
Nitrobenzene
Concen: 47.54 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 77 Resp: 758811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.2 | 36.5 | 54.7 |
| 65 | 13.3 | 10.7 | 16.1 |



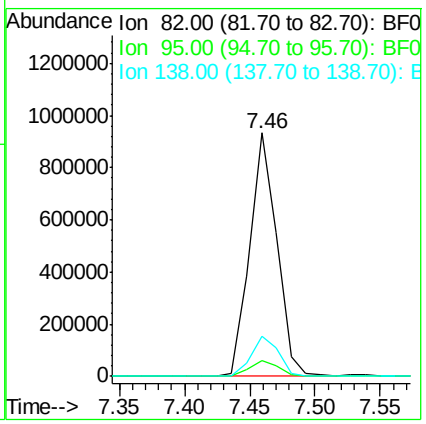


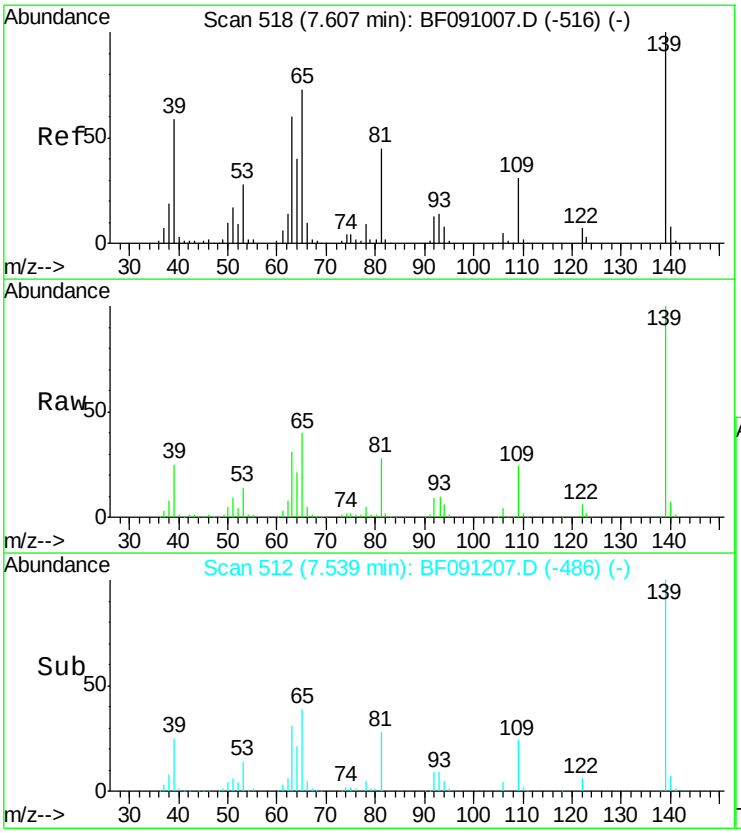

#25
Isophorone
Concen: 48.43 ng
RT: 7.46 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 82 Resp: 1348759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.6 | 5.4 | 8.0 |
| 138 | 16.3 | 13.0 | 19.4 |

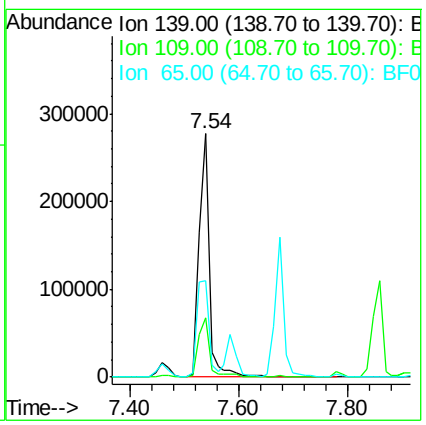


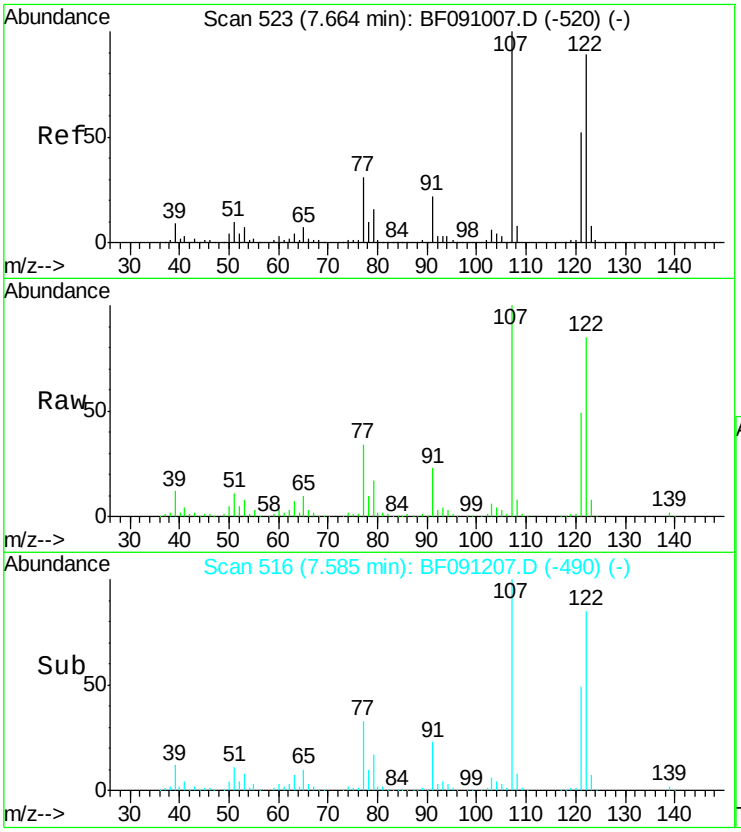




#26
2-Nitrophenol
Concen: 52.77 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:139 Resp: 356434

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 24.1 | 24.7 | 37.1# |
| 65 | 39.8 | 58.3 | 87.5# |



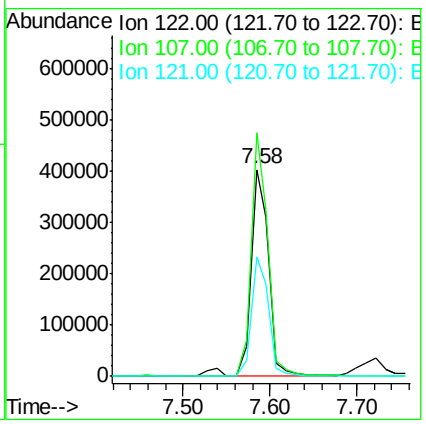


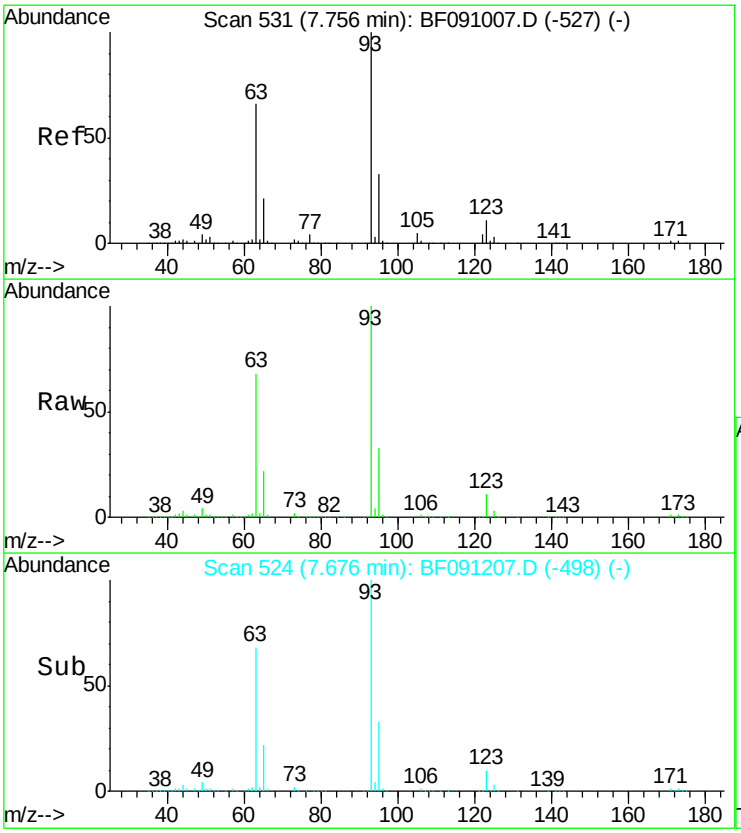

#27
2,4-Dimethylphenol
Concen: 52.56 ng
RT: 7.58 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:122 Resp: 587090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.9 | 89.6 | 134.4 |
| 121 | 57.7 | 46.3 | 69.5 |

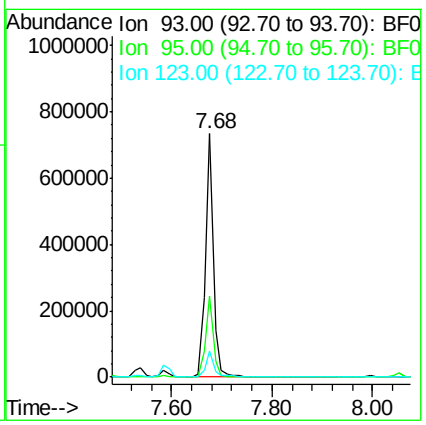


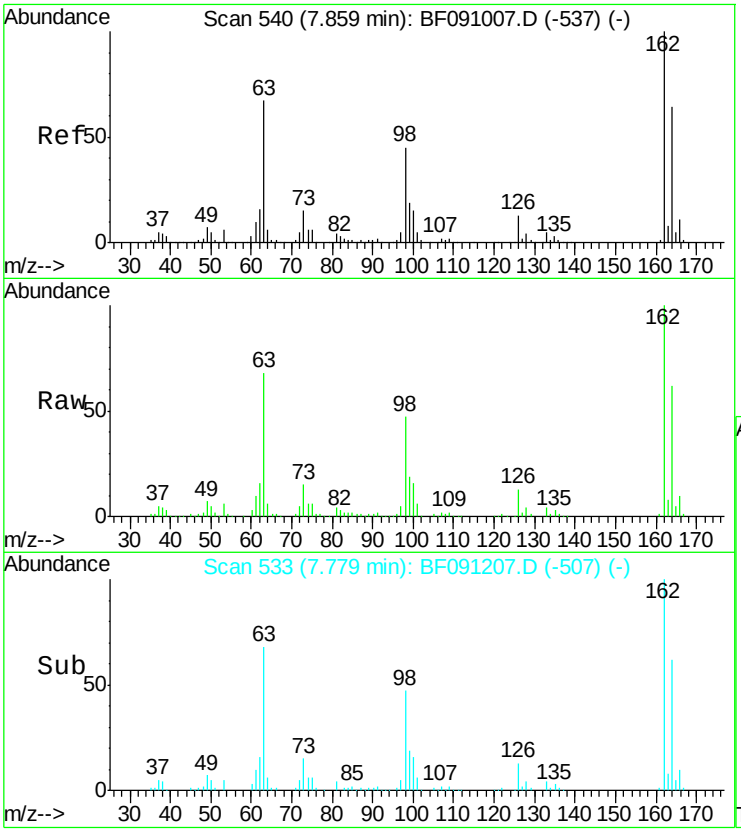




#28
bis(2-Chloroethoxy)methane
Concen: 53.01 ng
RT: 7.68 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 93 Resp: 806410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.2 | 26.3 | 39.5 |
| 123 | 10.5 | 8.7 | 13.1 |



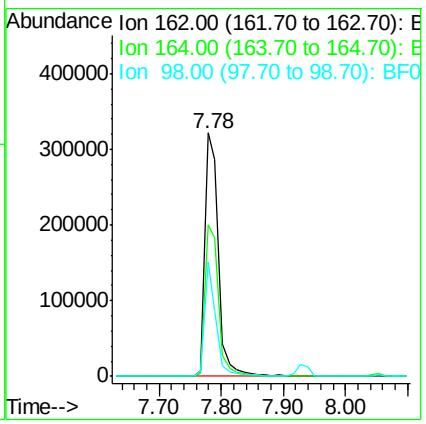


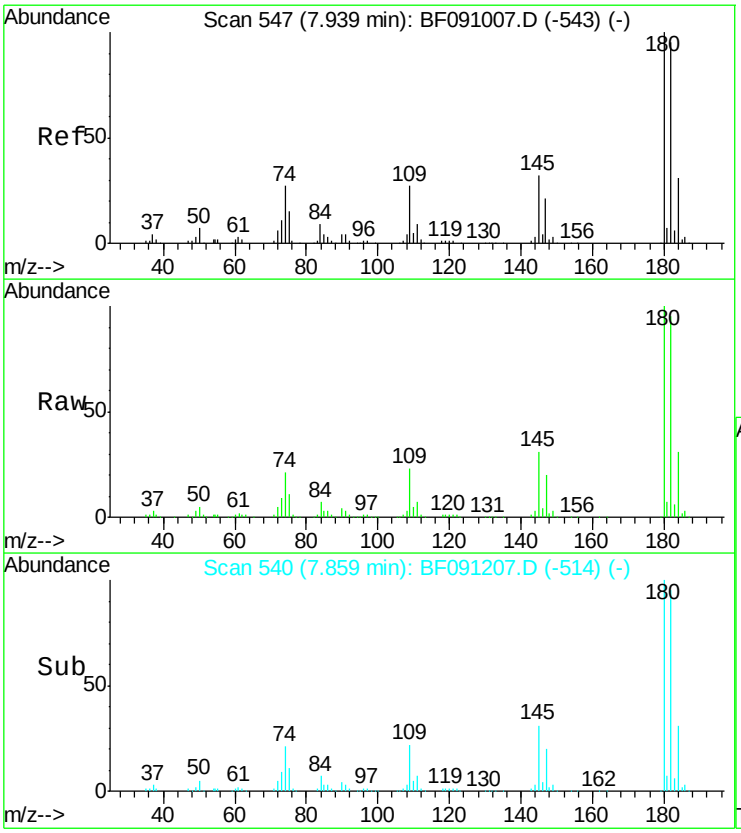

#29
2,4-Dichlorophenol
Concen: 49.62 ng
RT: 7.78 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:162 Resp: 483707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.2 | 44.4 | 84.4 |
| 98 | 47.2 | 25.2 | 65.2 |

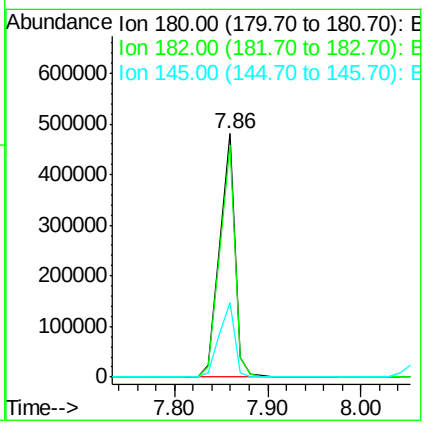


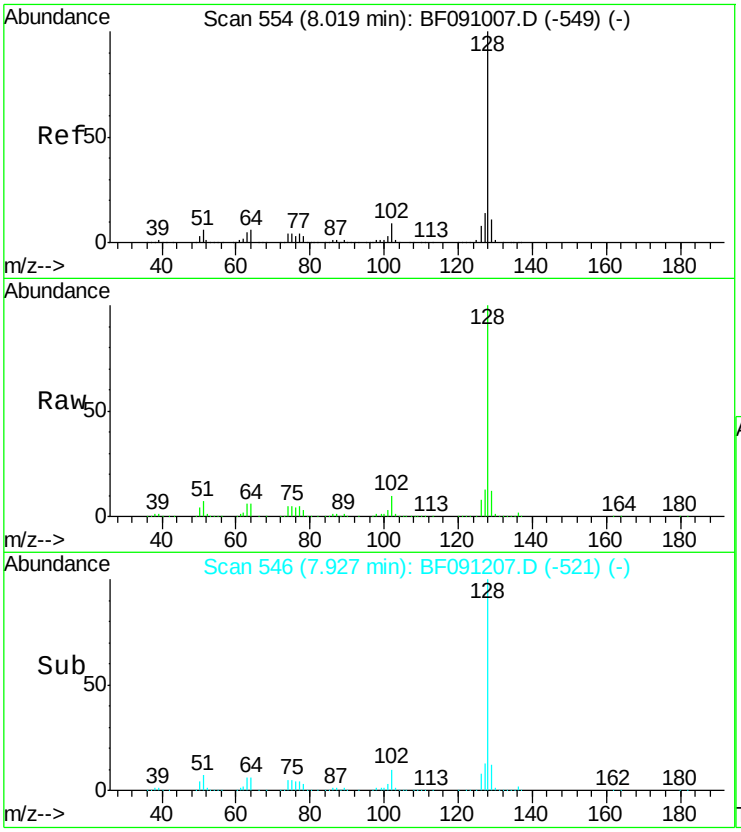




#30
1,2,4-Trichlorobenzene
Concen: 49.33 ng
RT: 7.86 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:180 Resp: 540719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.3 | 76.0 | 114.0 |
| 145 | 30.6 | 25.8 | 38.8 |



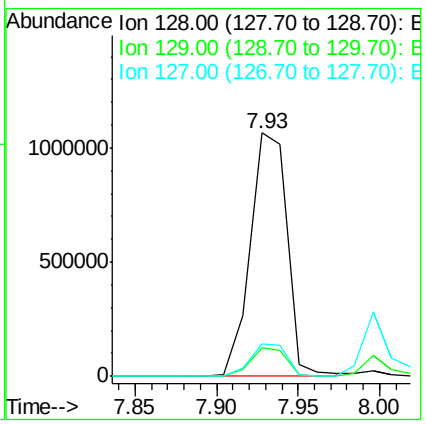


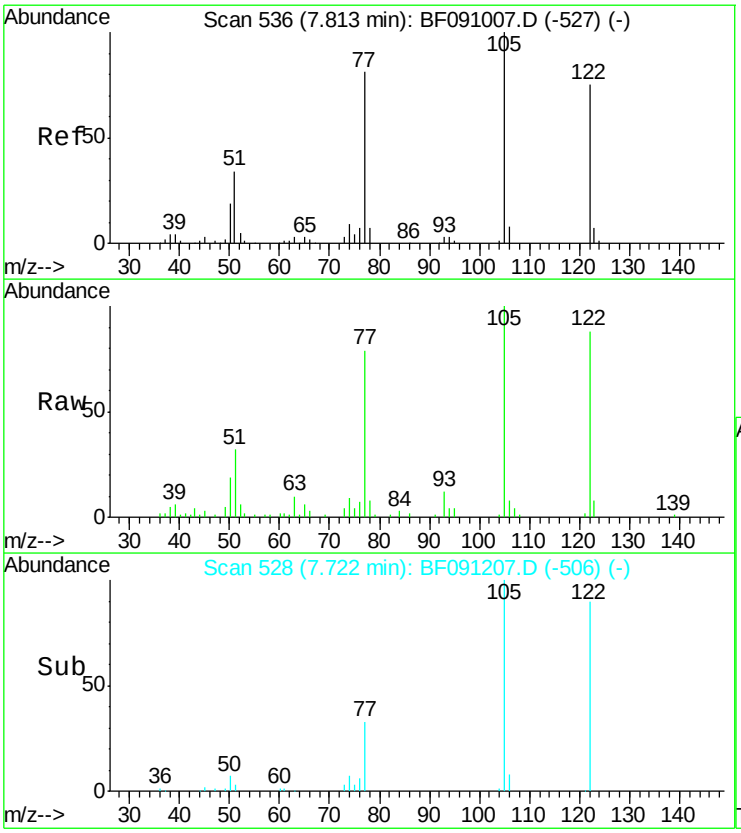

#31
Naphthalene
Concen: 44.27 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:128 Resp: 1669055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 9.0 | 13.6 |
| 127 | 13.5 | 10.9 | 16.3 |

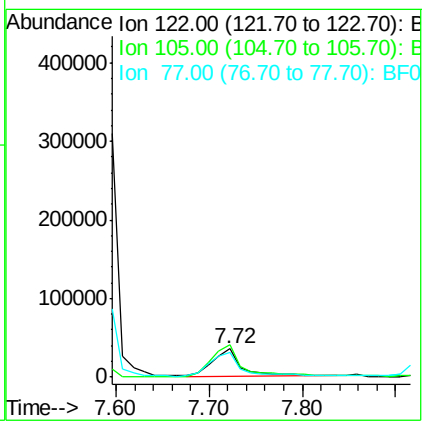


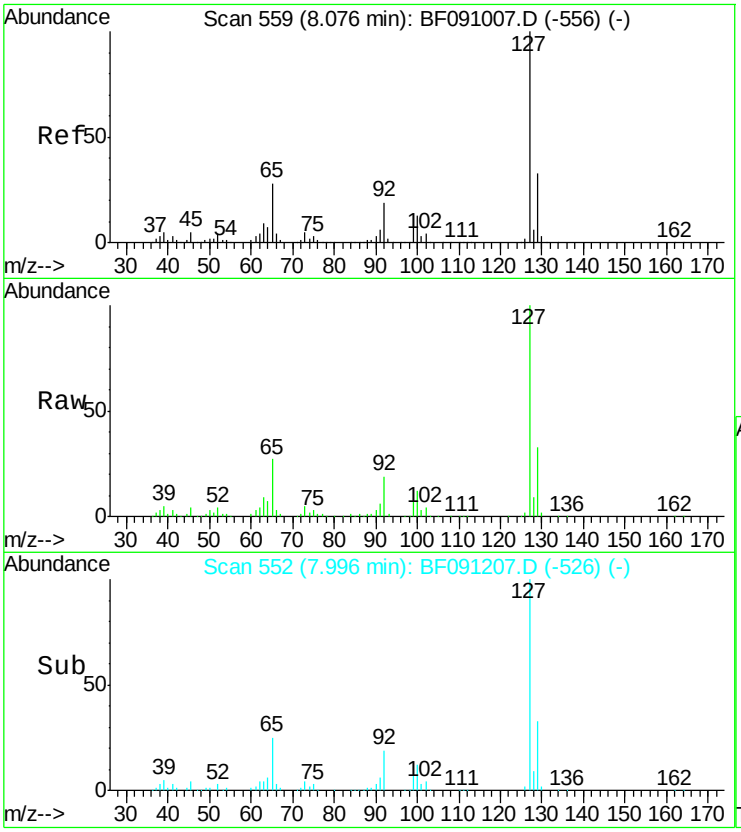




#32
Benzoic acid
Concen: 12.72 ng
RT: 7.72 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:122 Resp: 74504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 114.1 | 105.9 | 145.9 |
| 77 | 89.8 | 84.0 | 124.0 |



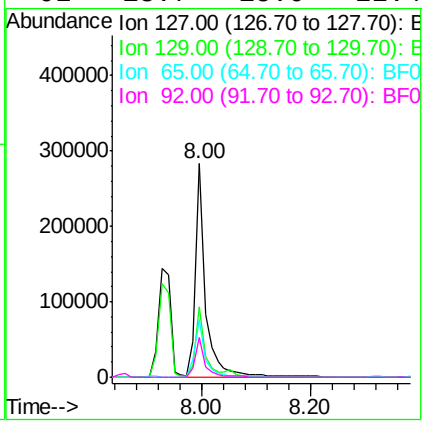


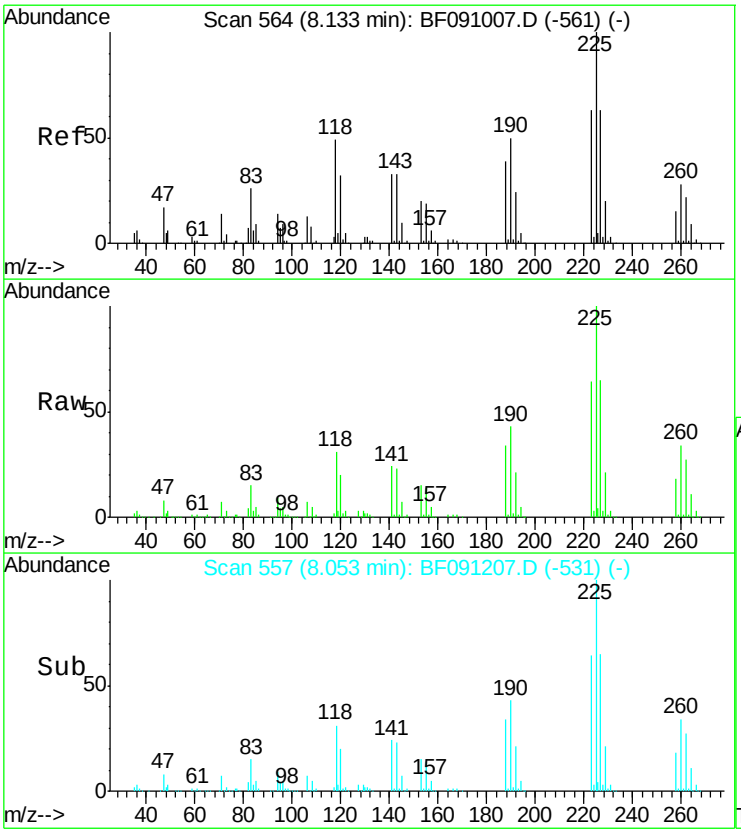

#33
4-Chloroaniline
Concen: 22.68 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:127 Resp: 355583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.2 | 26.6 | 39.8 |
| 65 | 27.2 | 22.2 | 33.2 |
| 92 | 18.7 | 15.0 | 22.4 |

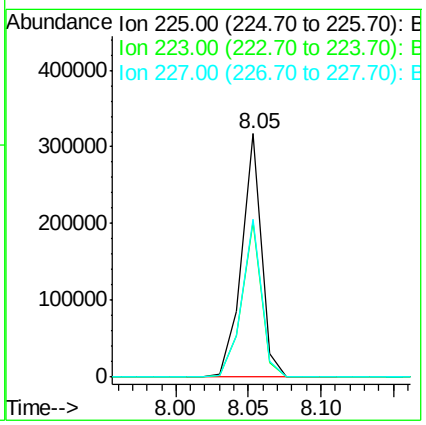


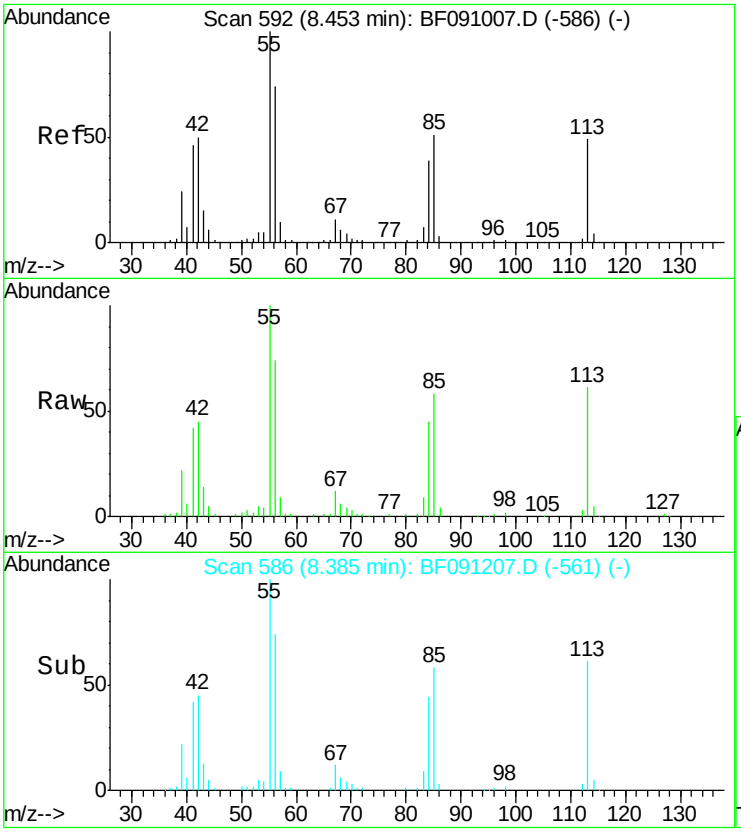




#34
Hexachlorobutadiene
Concen: 50.70 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:225 Resp: 299932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.8 | 50.4 | 75.6 |
| 227 | 64.6 | 50.1 | 75.1 |



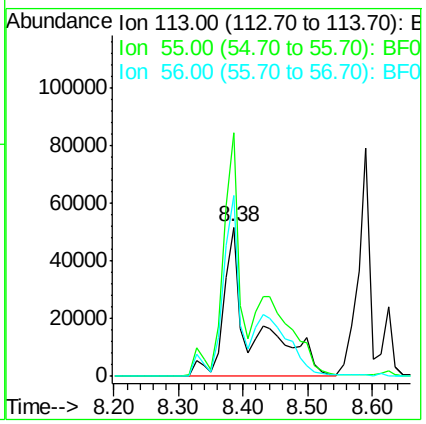


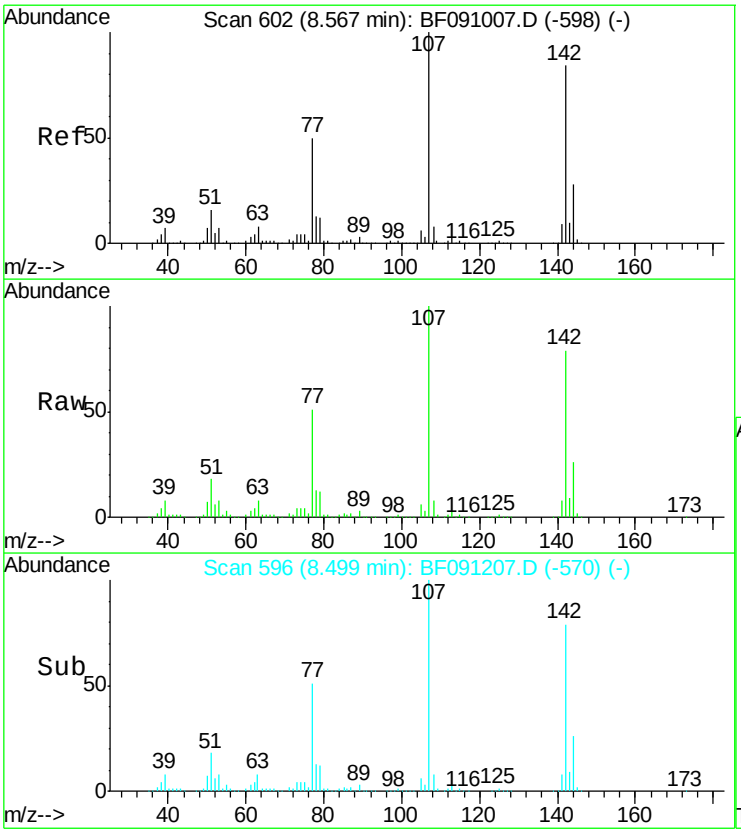

#35
Caprolactam
Concen: 54.33 ng m
RT: 8.38 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:113 Resp: 166396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 163.4 | 184.1 | 224.1# |
| 56 | 121.7 | 132.0 | 172.0# |

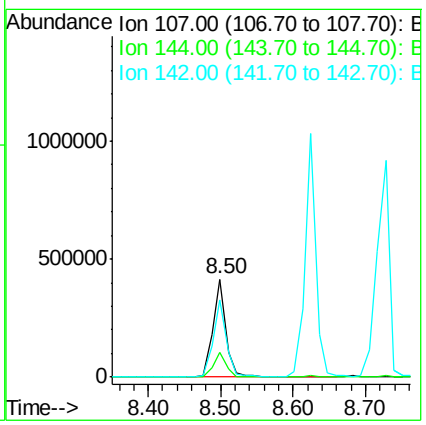


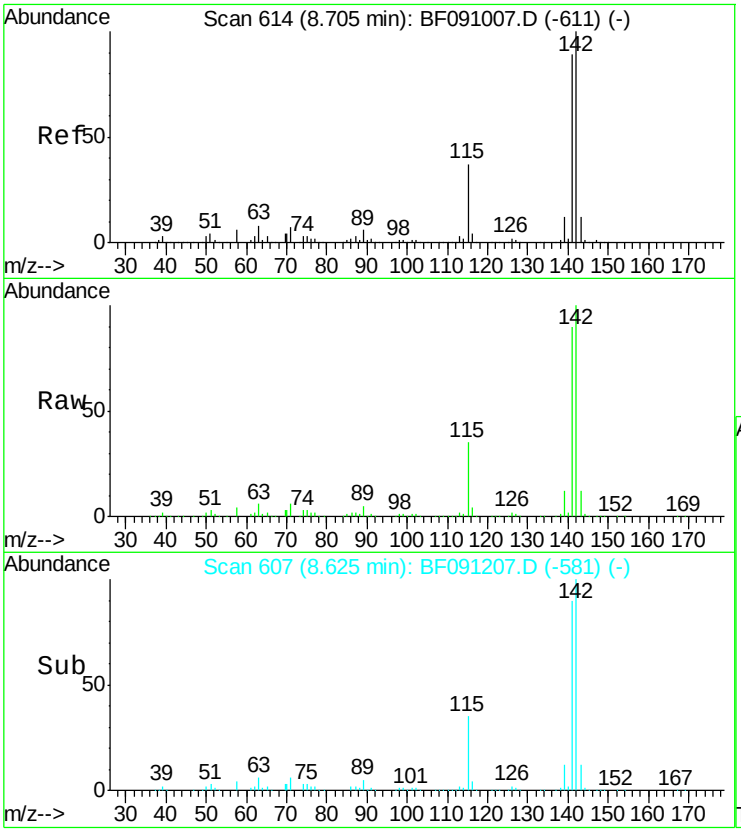




#36
4-Chloro-3-methylphenol
Concen: 44.03 ng
RT: 8.50 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:107 Resp: 519641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.7 | 22.5 | 33.7 |
| 142 | 79.5 | 67.4 | 101.2 |



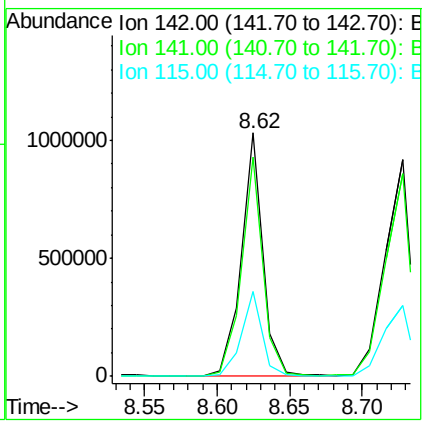


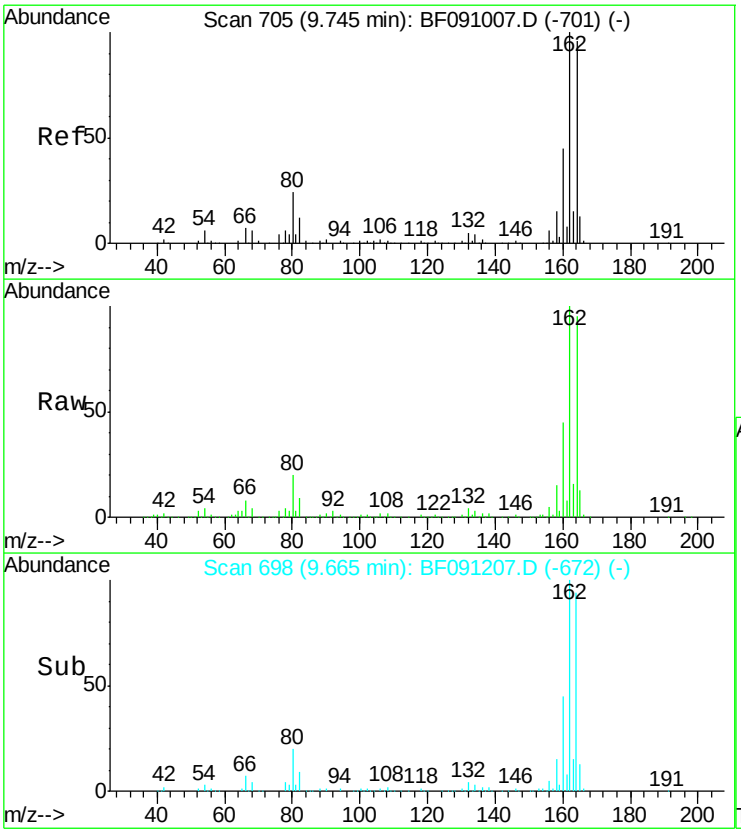

#37
2-Methylnaphthalene
Concen: 44.14 ng
RT: 8.62 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:142 Resp: 1069793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.1 | 71.3 | 106.9 |
| 115 | 34.9 | 29.9 | 44.9 |

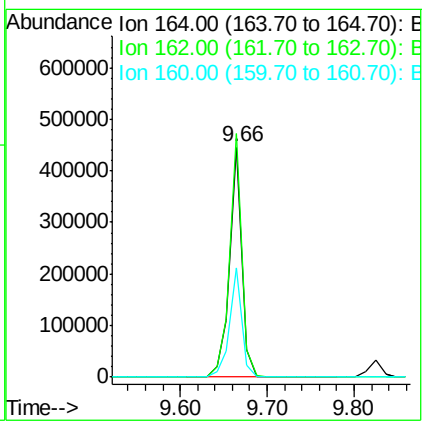


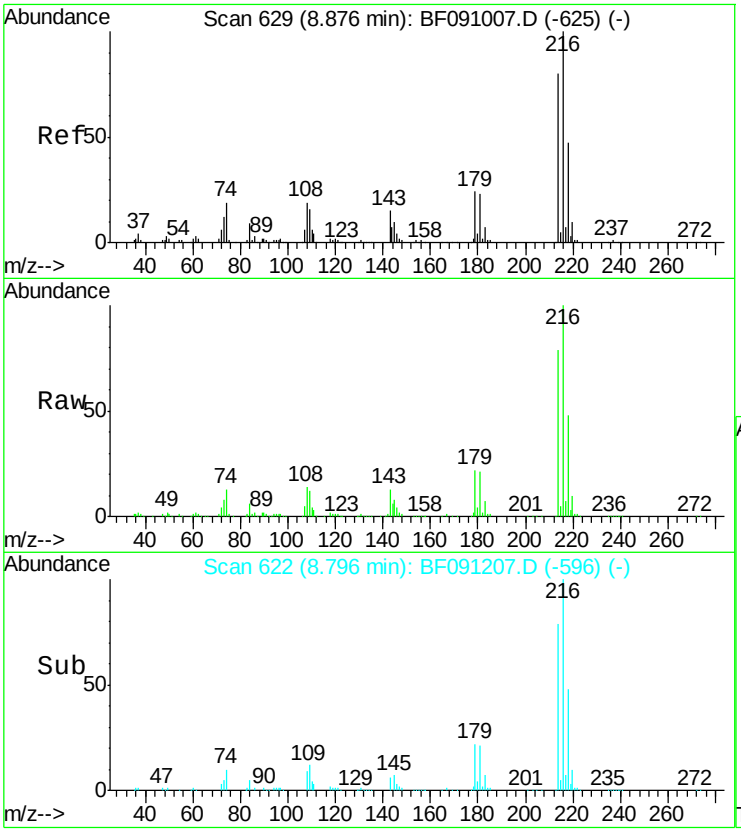




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:164 Resp: 434891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.8 | 83.6 | 125.4 |
| 160 | 47.5 | 37.9 | 56.9 |



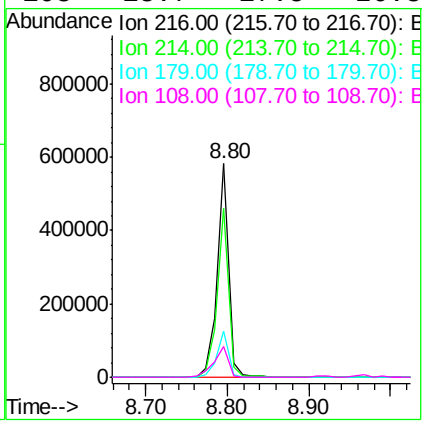


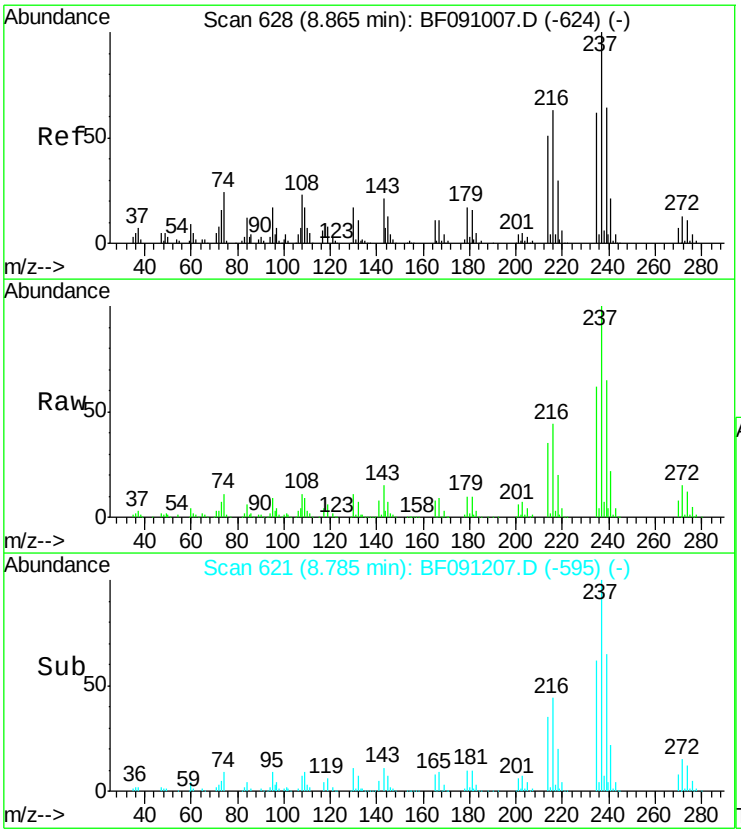

#39
1,2,4,5-Tetrachlorobenzene
Concen: 50.80 ng
RT: 8.80 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:216 Resp: 563254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.2 | 63.5 | 95.3 |
| 179 | 21.9 | 19.1 | 28.7 |
| 108 | 18.7 | 17.5 | 26.3 |

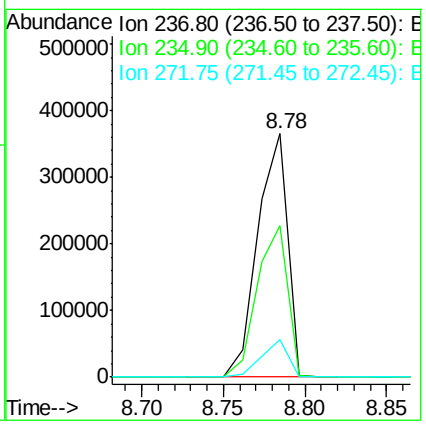


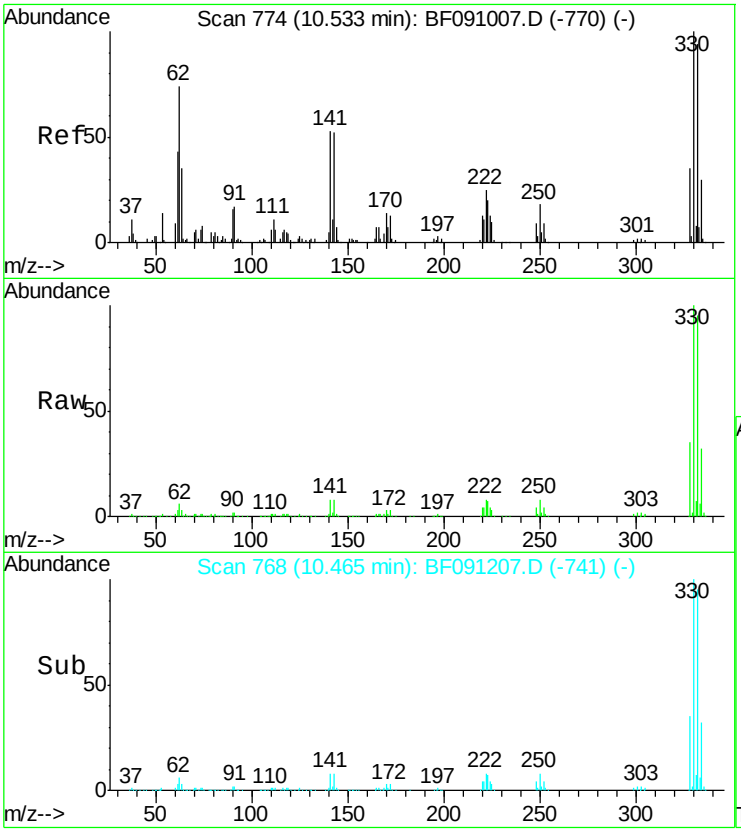




#40
Hexachlorocyclopentadiene
Concen: 105.65 ng
RT: 8.78 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:237 Resp: 464719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.1 | 42.1 | 82.1 |
| 272 | 15.2 | 0.0 | 33.1 |



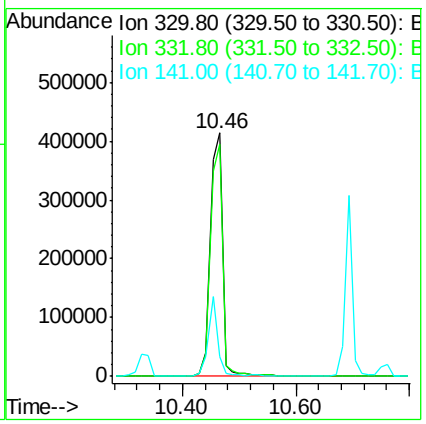


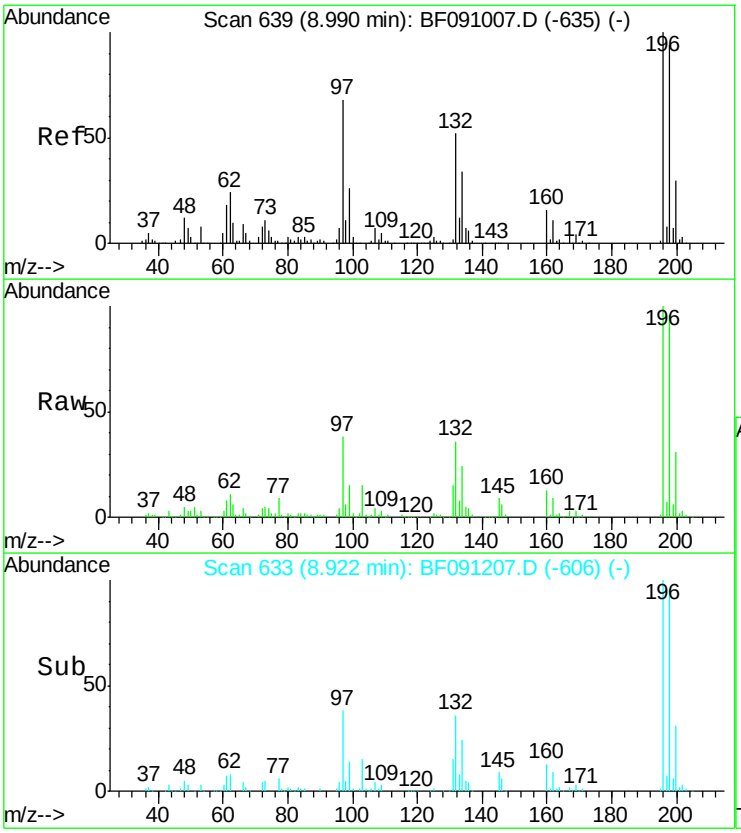

#41
2,4,6-Tribromophenol
Concen: 154.40 ng
RT: 10.46 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:330 Resp: 607055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 75.9 | 113.9 |
| 141 | 24.4 | 36.1 | 54.1# |

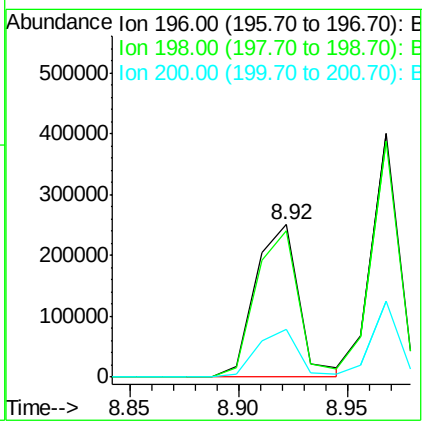


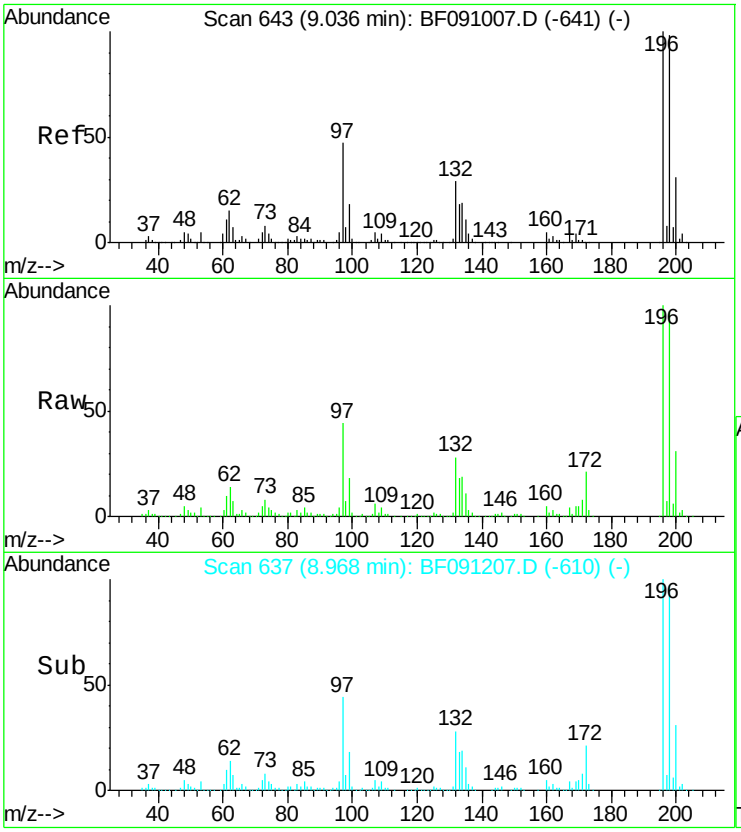




#42
2,4,6-Trichlorophenol
Concen: 48.84 ng
RT: 8.92 min Scan# 633
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:196 Resp: 349615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.0 | 75.4 | 113.0 |
| 200 | 31.5 | 24.1 | 36.1 |



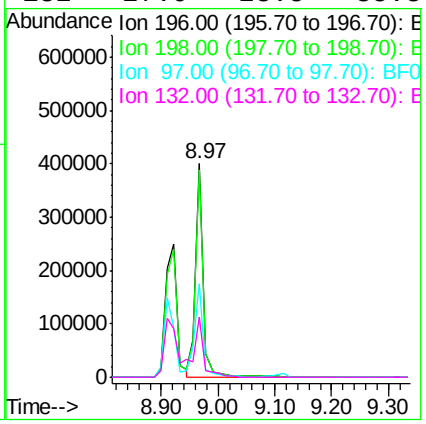


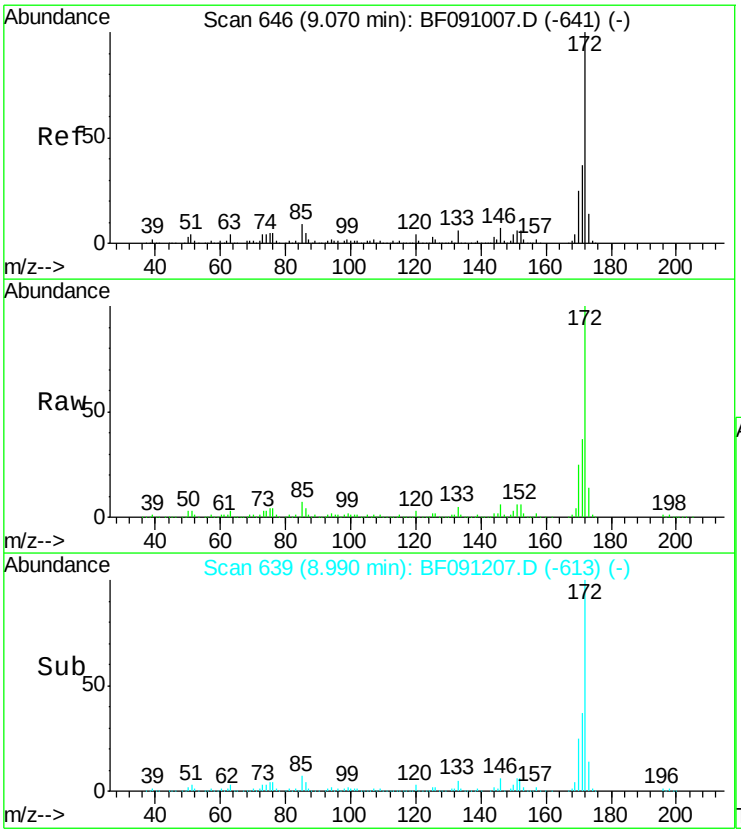

#43
2,4,5-Trichlorophenol
Concen: 50.15 ng
RT: 8.97 min Scan# 637
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:196 Resp: 376918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.0 | 78.2 | 117.4 |
| 97 | 44.1 | 38.8 | 58.2 |
| 132 | 27.9 | 23.5 | 35.3 |

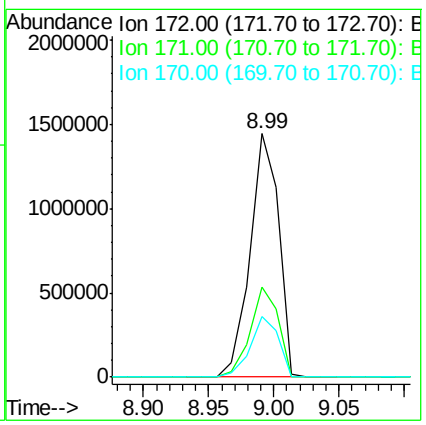


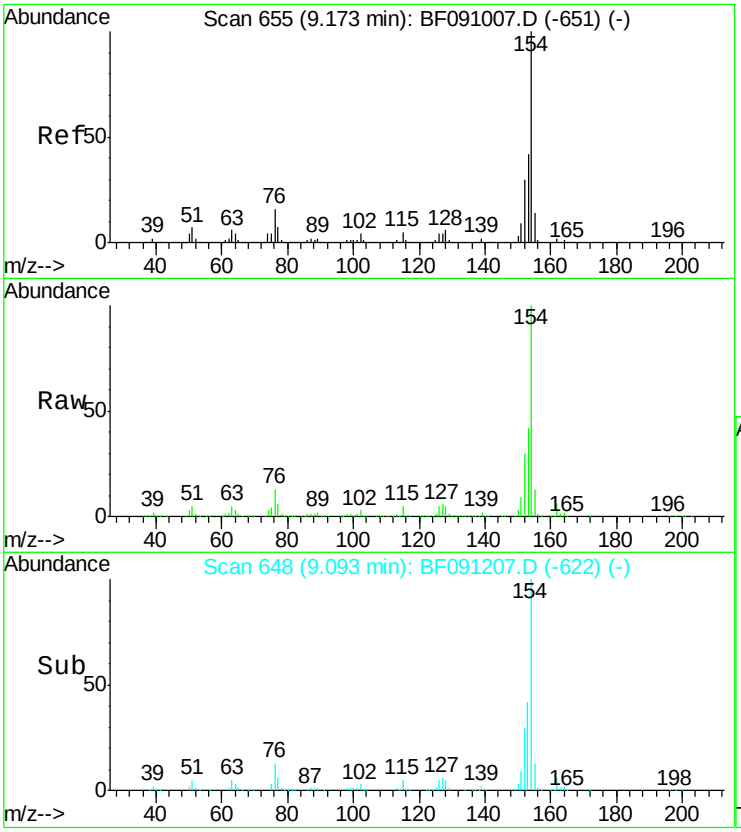




#44
2-Fluorobiphenyl
Concen: 87.35 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:172 Resp: 2206566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 29.8 | 44.6 |
| 170 | 25.1 | 20.3 | 30.5 |



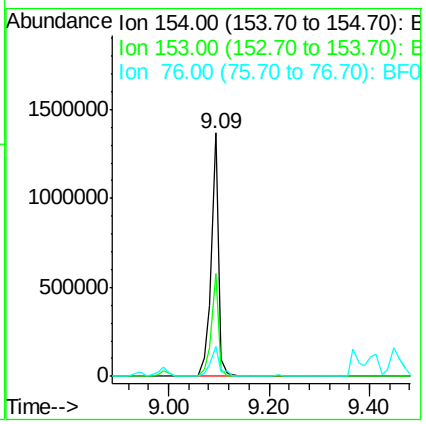


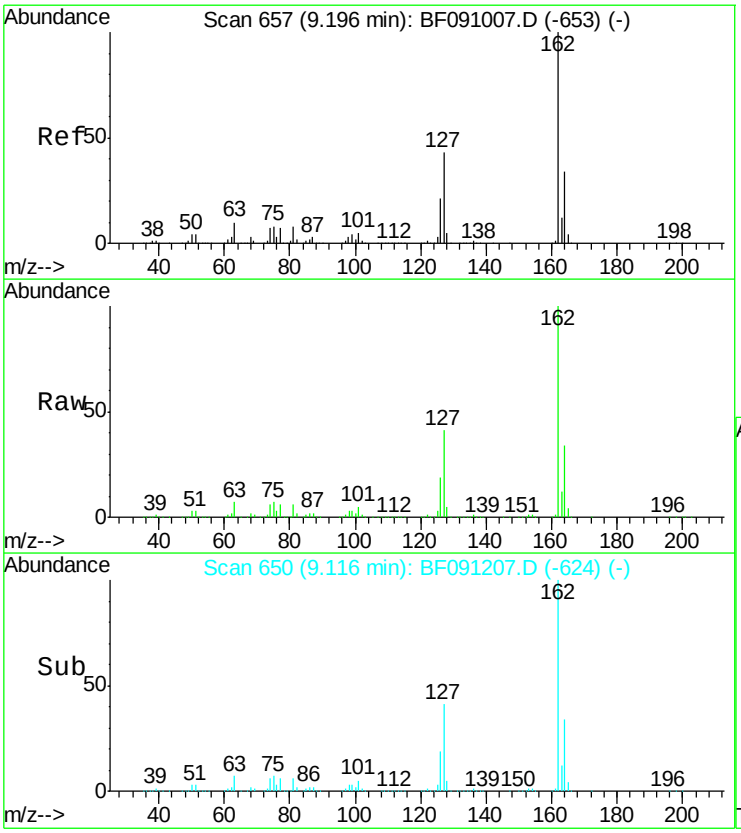

#45
1,1'-Biphenyl
Concen: 43.37 ng
RT: 9.09 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:154 Resp: 1377312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.1 | 21.6 | 61.6 |
| 76 | 12.5 | 0.0 | 36.2 |

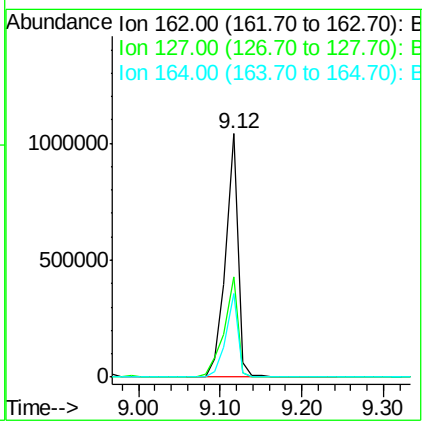


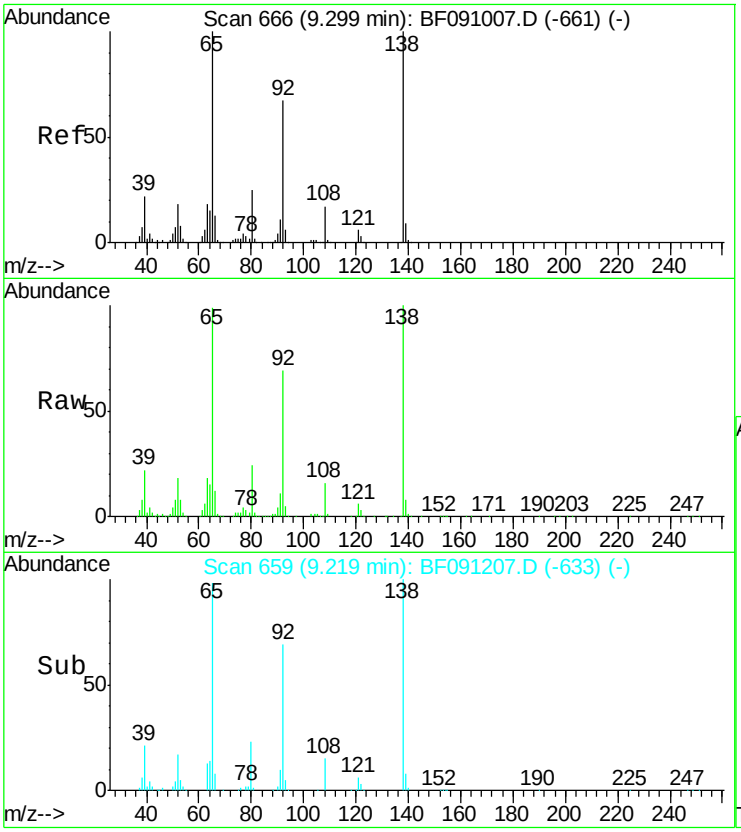




#46
2-Chloronaphthalene
Concen: 45.75 ng
RT: 9.12 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:162 Resp: 1102971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.9 | 34.7 | 52.1 |
| 164 | 34.3 | 27.0 | 40.4 |



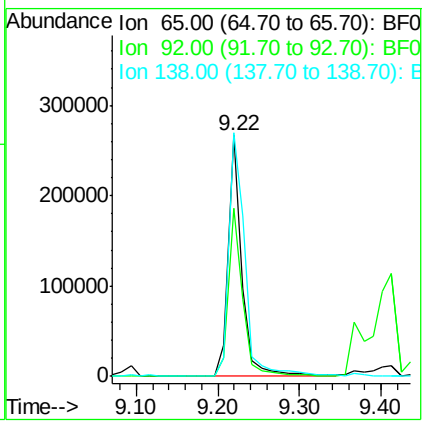


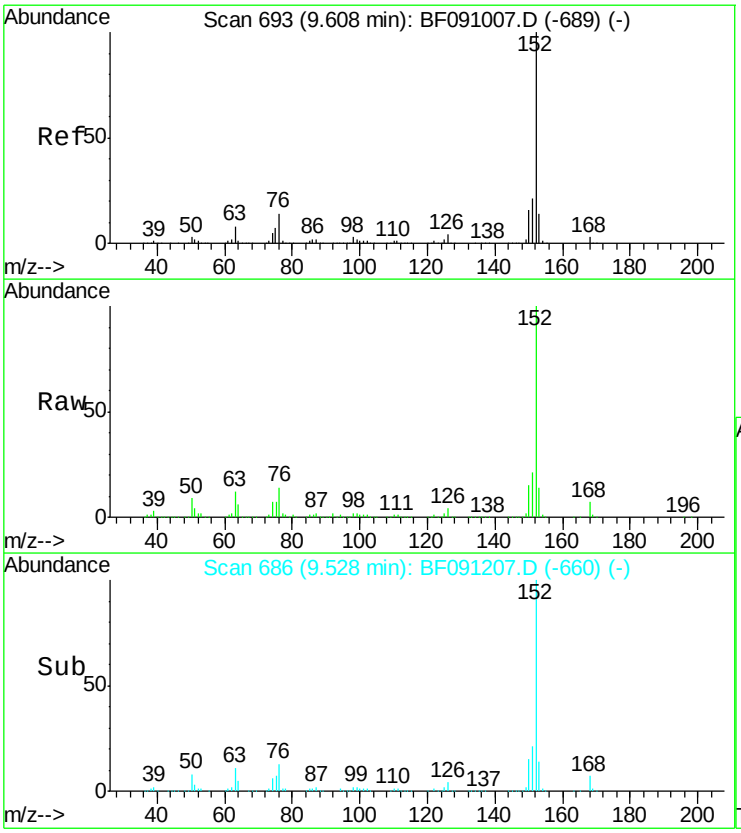

#47
2-Nitroaniline
Concen: 34.52 ng
RT: 9.22 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion: 65 Resp: 308846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 69.9 | 53.9 | 80.9 |
| 138 | 101.2 | 80.1 | 120.1 |

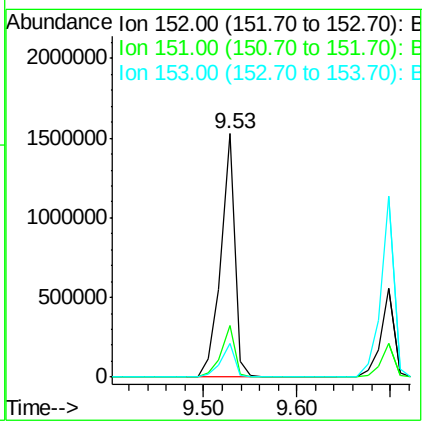


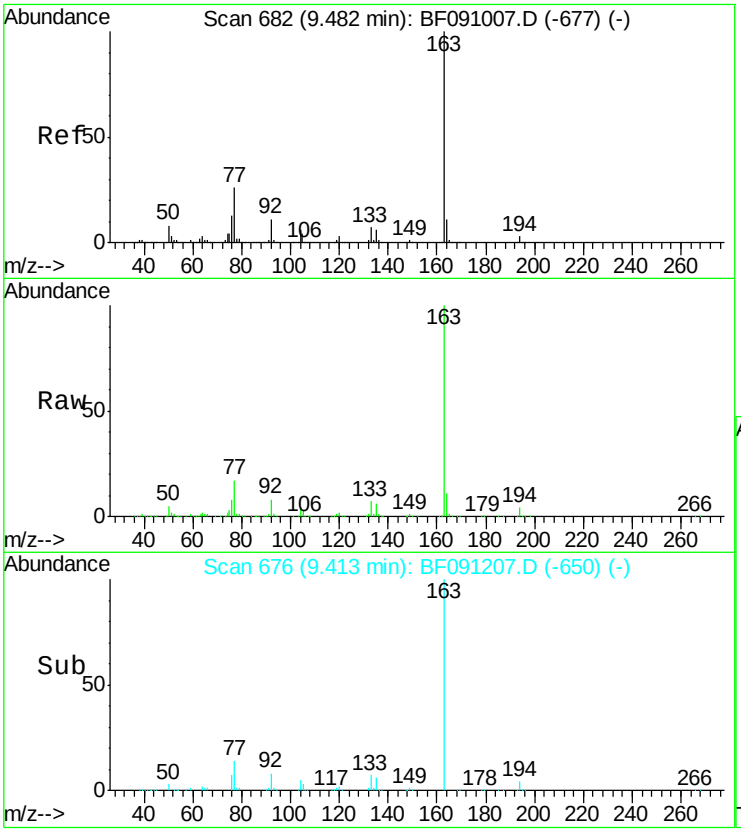




#48
Acenaphthylene
Concen: 42.21 ng
RT: 9.53 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:152 Resp: 1585954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.2 | 16.7 | 25.1 |
| 153 | 13.7 | 11.1 | 16.7 |



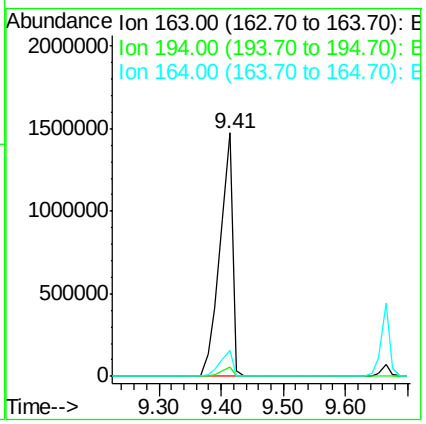


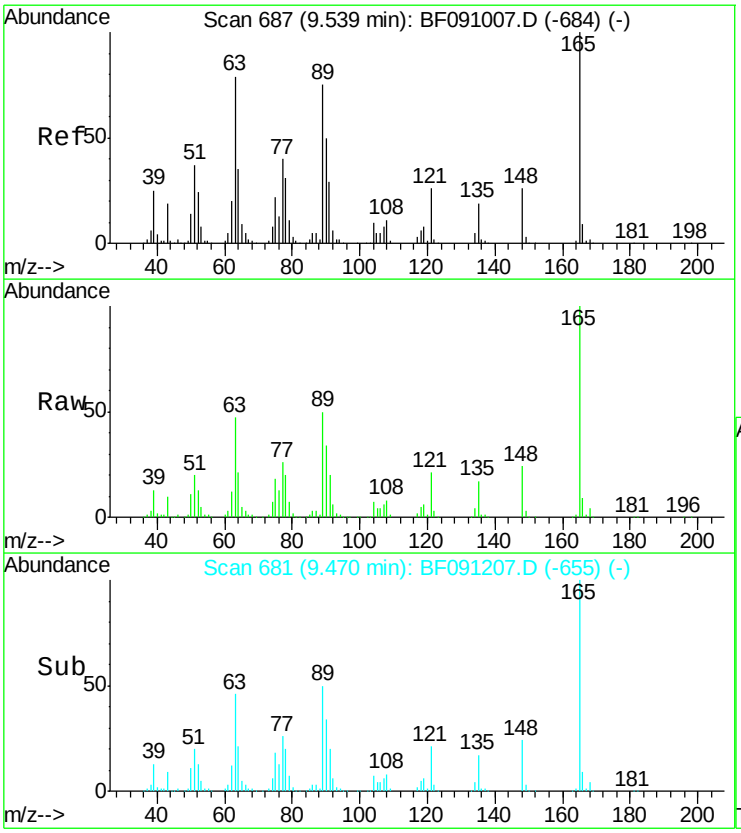

#49
Dimethylphthalate
Concen: 72.90 ng
RT: 9.41 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:163 Resp: 2078905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 2.6 | 4.0# |
| 164 | 10.6 | 8.7 | 13.1 |

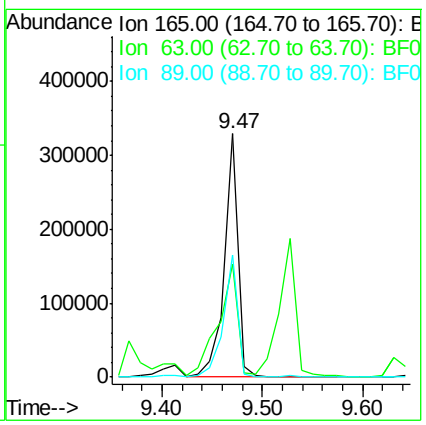


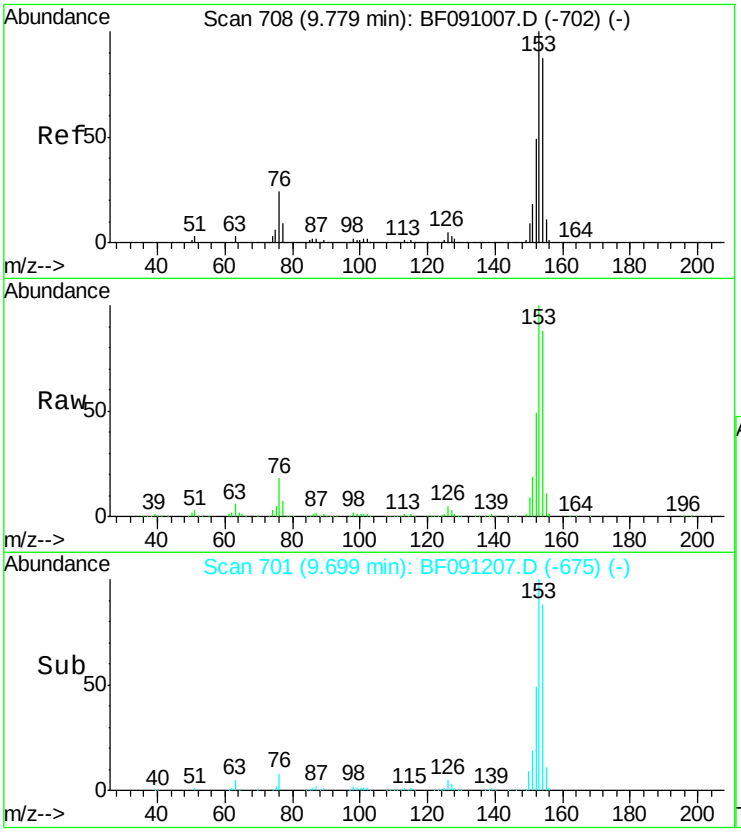




#50
2,6-Dinitrotoluene
Concen: 50.74 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:165 Resp: 310081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.6 | 65.6 | 98.4# |
| 89 | 50.3 | 59.8 | 89.6# |



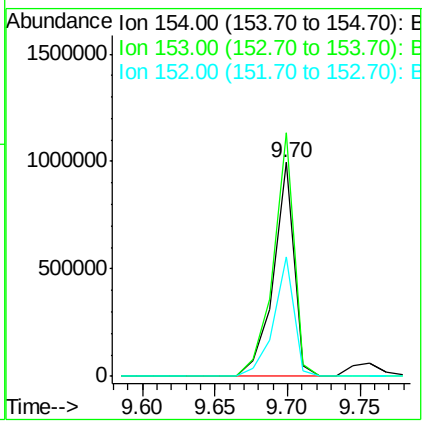


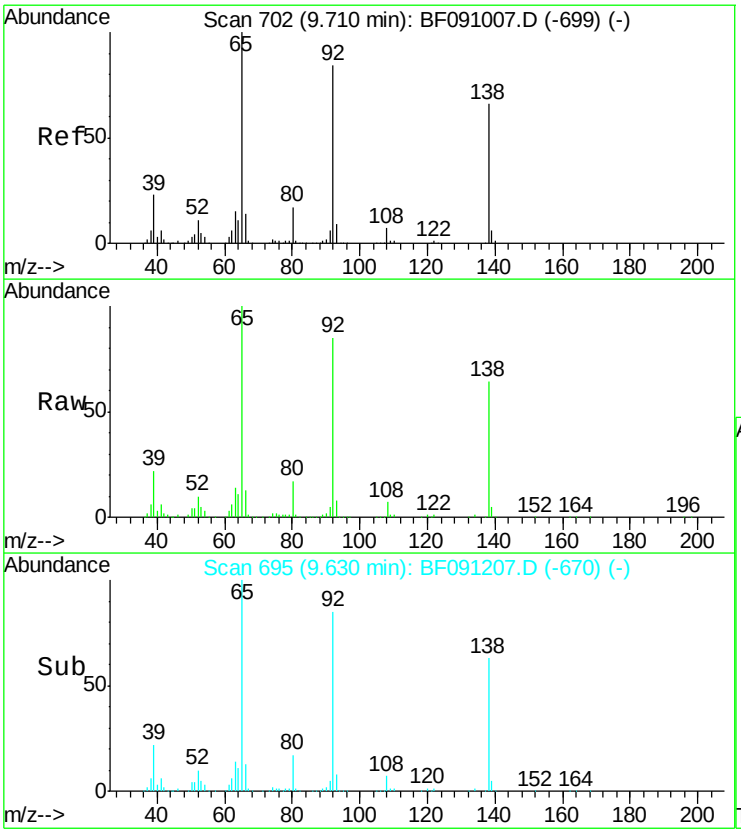

#51
Acenaphthene
Concen: 41.71 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:154 Resp: 983798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.8 | 91.6 | 137.4 |
| 152 | 55.9 | 44.6 | 67.0 |

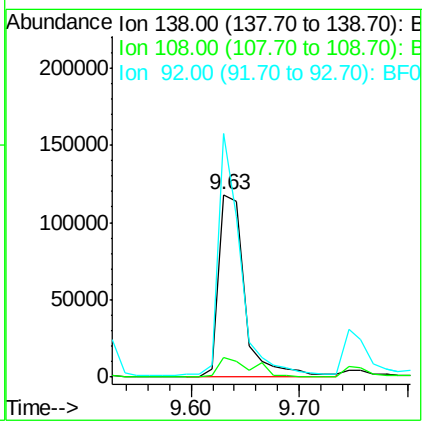


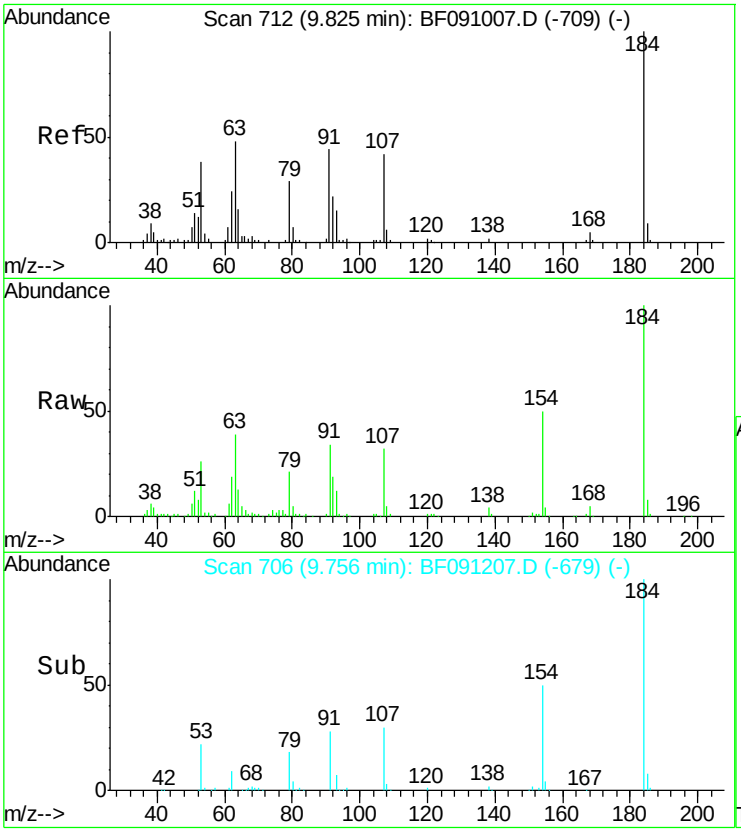




#52
3-Nitroaniline
Concen: 27.60 ng
RT: 9.63 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:138 Resp: 199991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 8.4 | 12.6 |
| 92 | 133.6 | 101.1 | 151.7 |



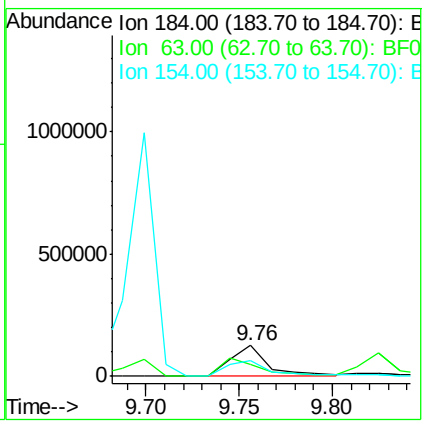


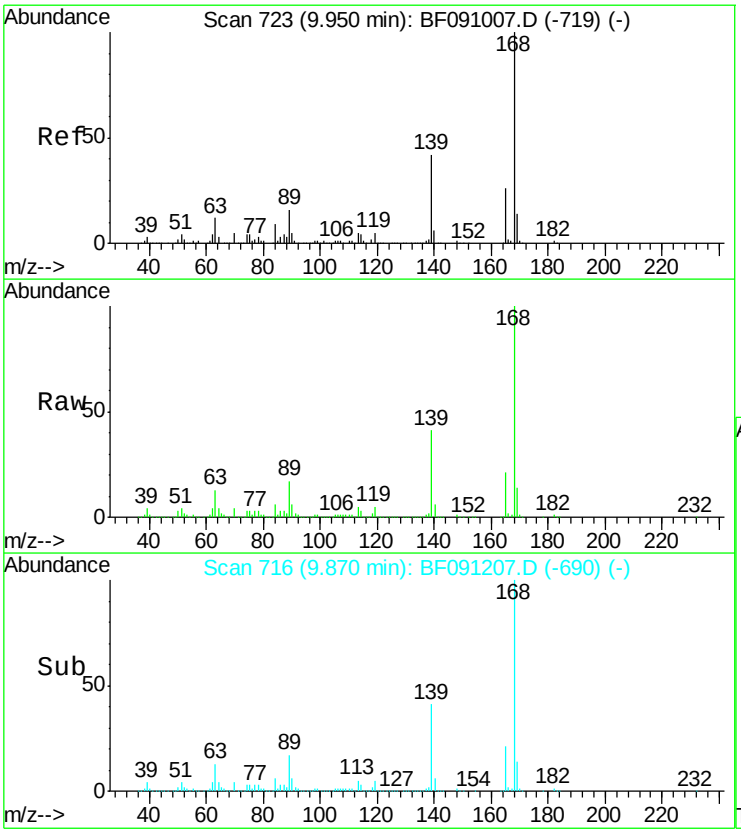

#53
2,4-Dinitrophenol
Concen: 55.74 ng
RT: 9.76 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:184 Resp: 178700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 39.0 | 45.5 | 68.3# |
| 154 | 50.3 | 51.0 | 76.4# |

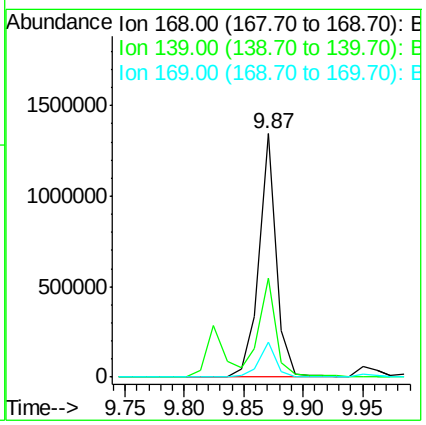


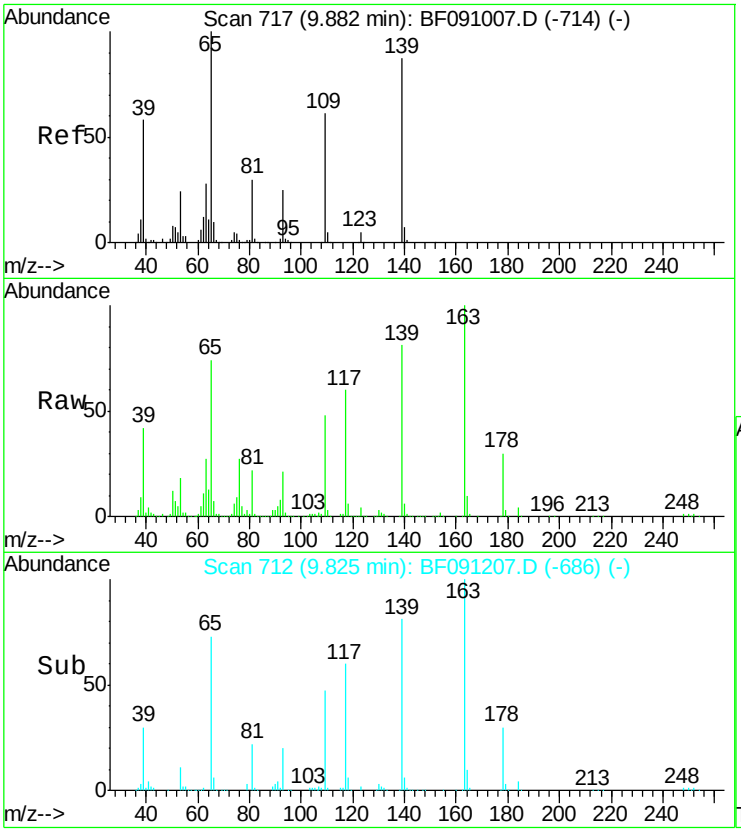




#54
Dibenzofuran
Concen: 43.45 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:168 Resp: 1379761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.5 | 34.8 | 52.2 |
| 169 | 14.2 | 11.4 | 17.2 |



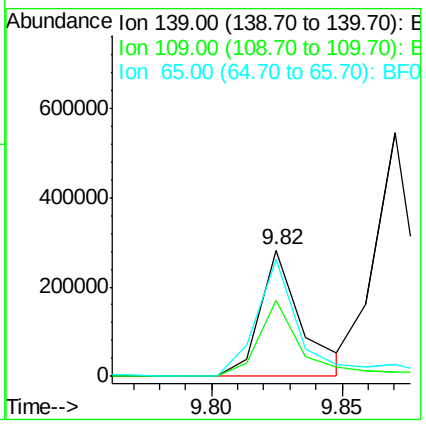


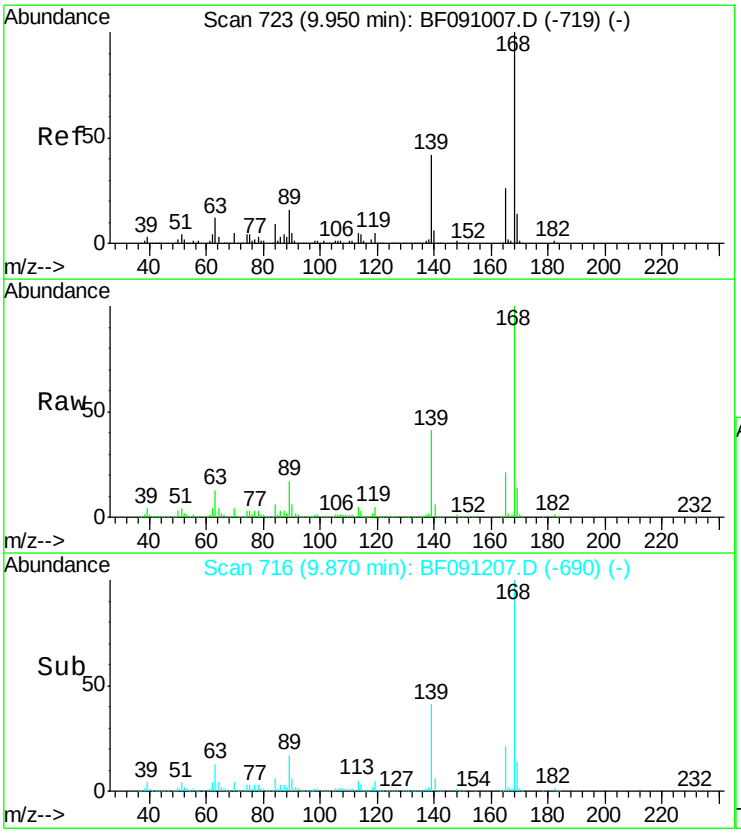

#55
4-Nitrophenol
Concen: 66.65 ng
RT: 9.82 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:139 Resp: 316691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 59.9 | 50.5 | 90.5 |
| 65 | 92.2 | 97.1 | 137.1# |

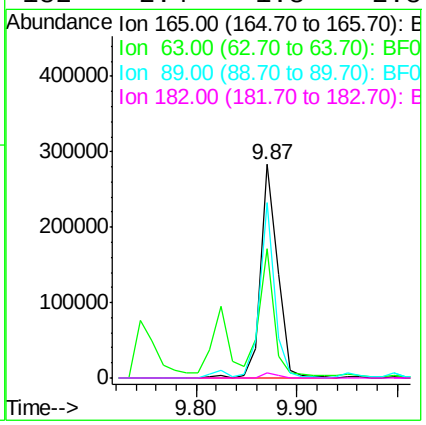


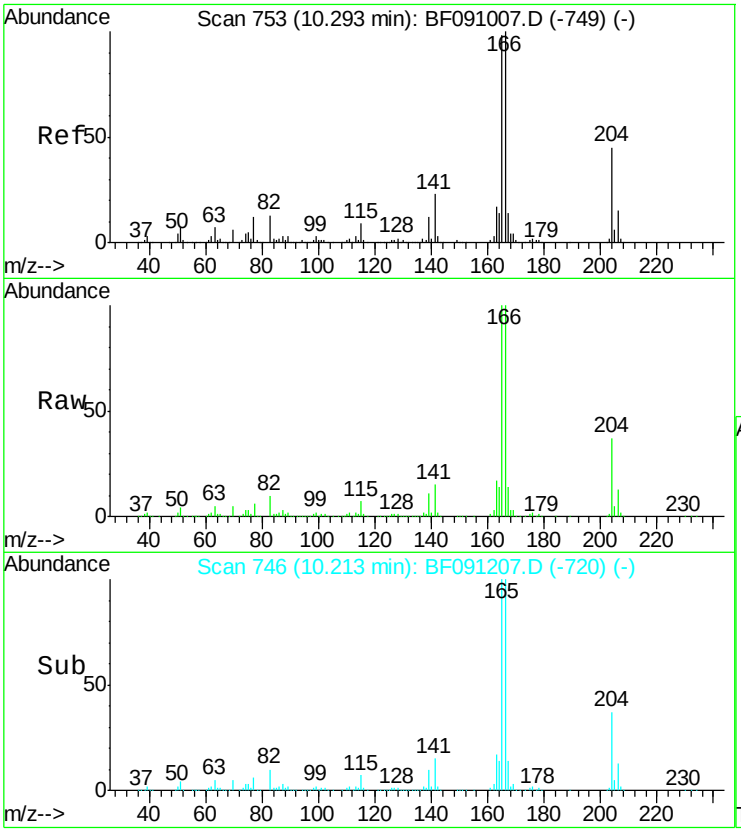




#56
2,4-Dinitrotoluene
Concen: 42.68 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:165 Resp: 331855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 60.6 | 38.7 | 58.1# |
| 89 | 82.2 | 50.6 | 76.0# |
| 182 | 2.4 | 1.8 | 2.8 |



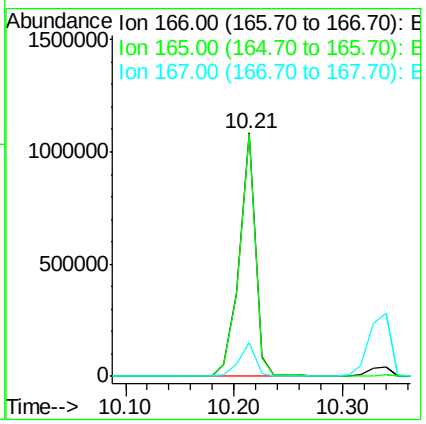


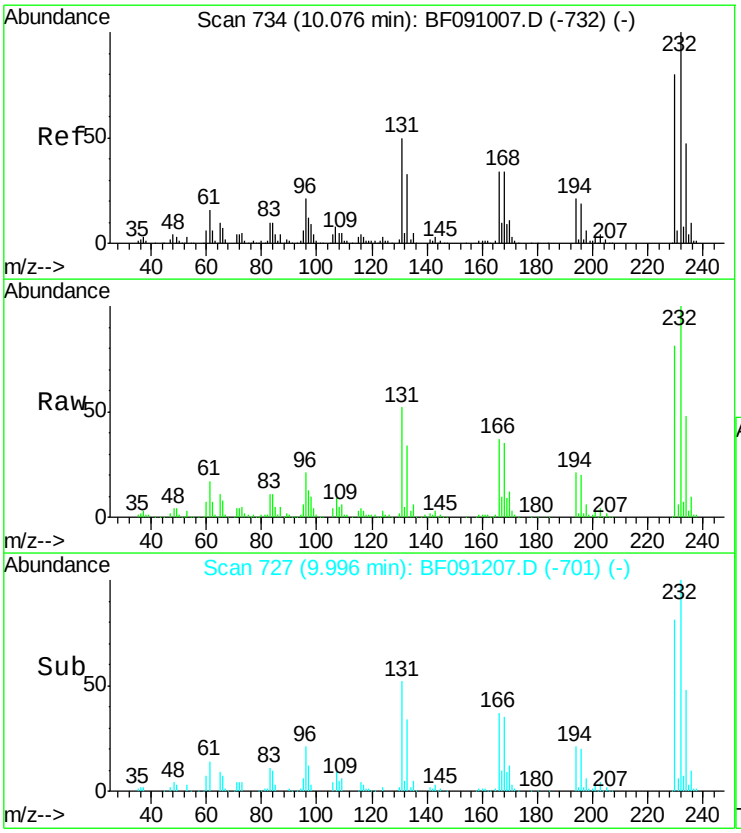

#57
Fluorene
Concen: 42.53 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:166 Resp: 1103950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.7 | 78.6 | 118.0 |
| 167 | 14.0 | 11.1 | 16.7 |

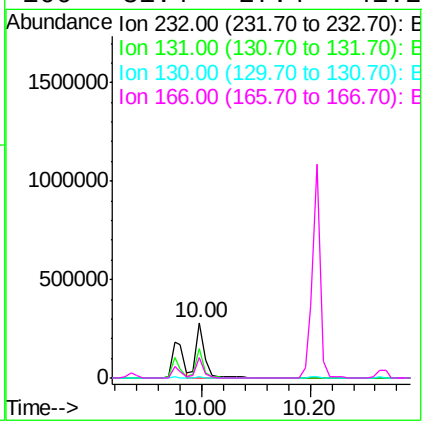


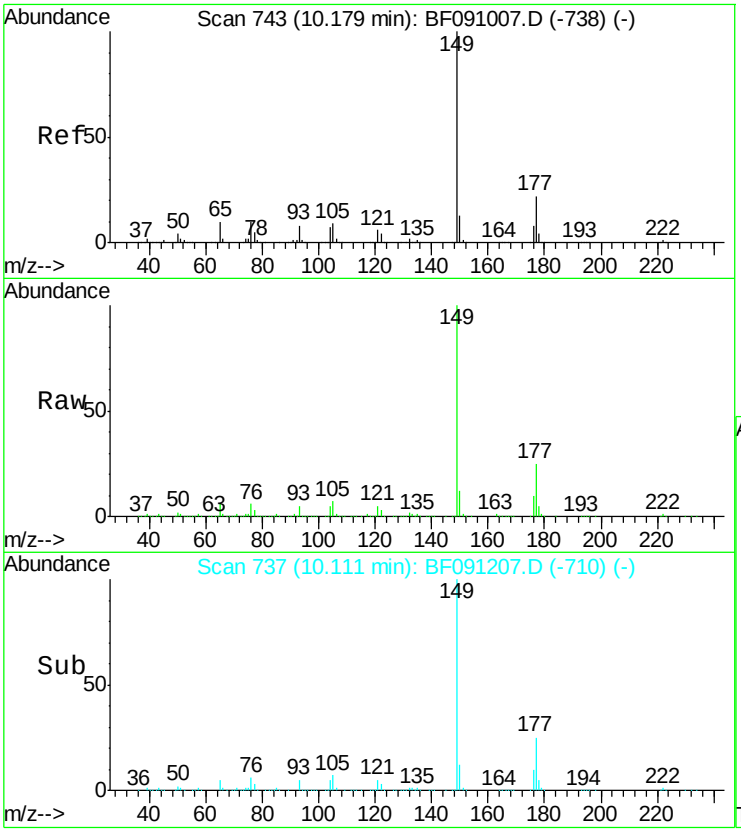




#58
2,3,4,6-Tetrachlorophenol
Concen: 53.02 ng
RT: 10.00 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:232 Resp: 312134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 46.3 | 43.6 | 65.4 |
| 130 | 2.1 | 2.0 | 3.0 |
| 166 | 31.4 | 27.4 | 41.2 |



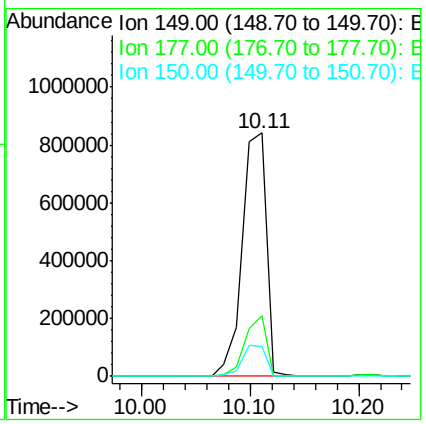


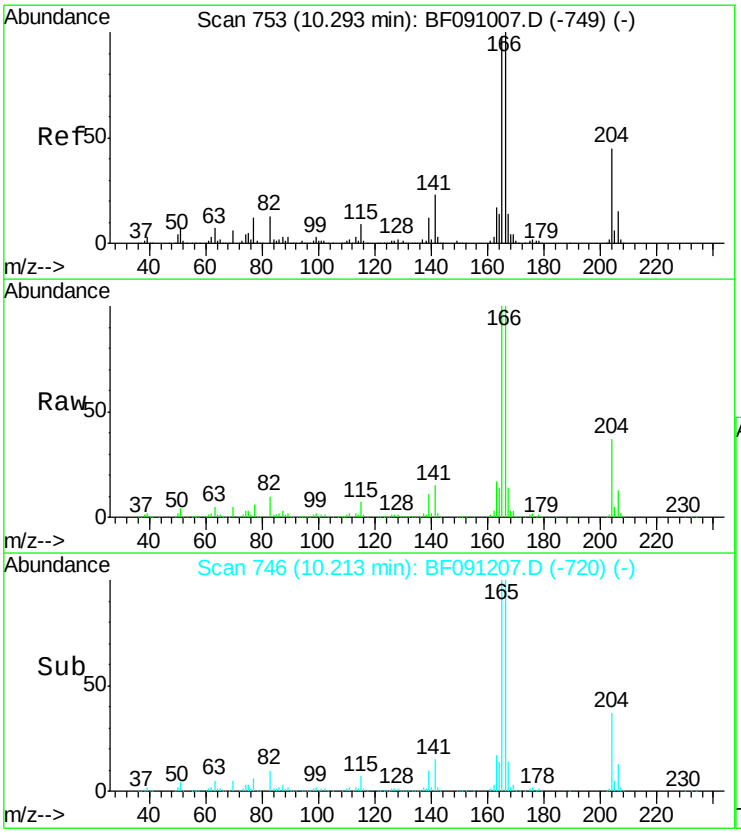

#59
Diethylphthalate
Concen: 44.37 ng
RT: 10.11 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:149 Resp: 1297139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.9 | 17.3 | 25.9 |
| 150 | 12.1 | 10.3 | 15.5 |

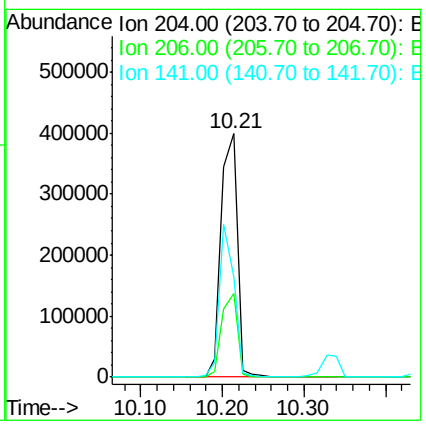


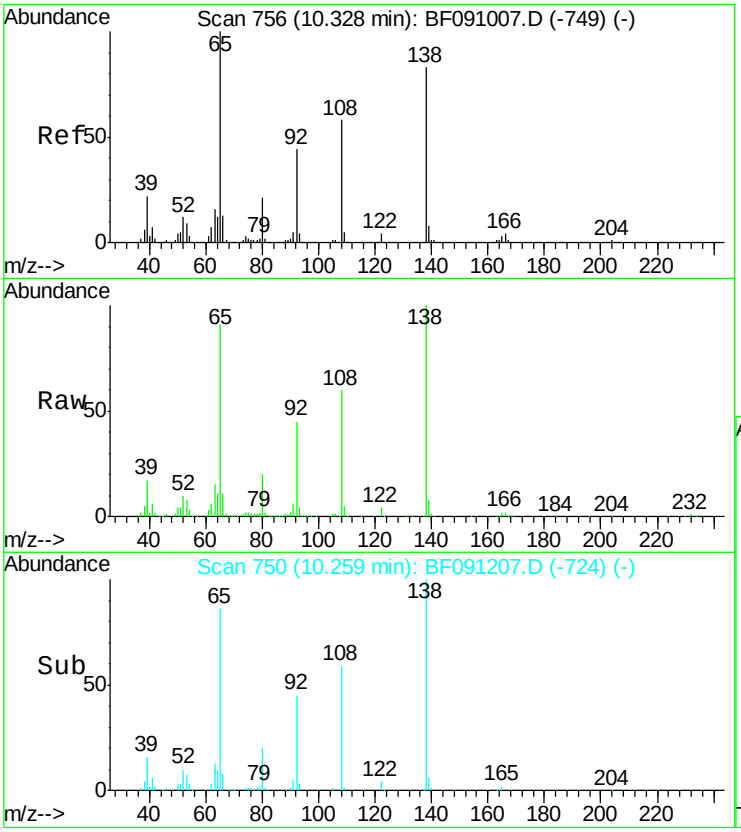




#60
4-Chlorophenyl-phenylether
Concen: 46.27 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:204 Resp: 546538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 34.3 | 27.1 | 40.7 |
| 141 | 41.4 | 40.1 | 60.1 |



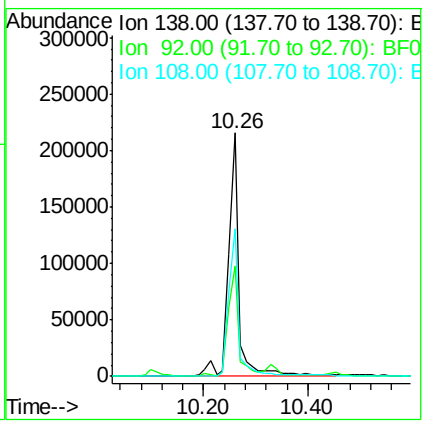


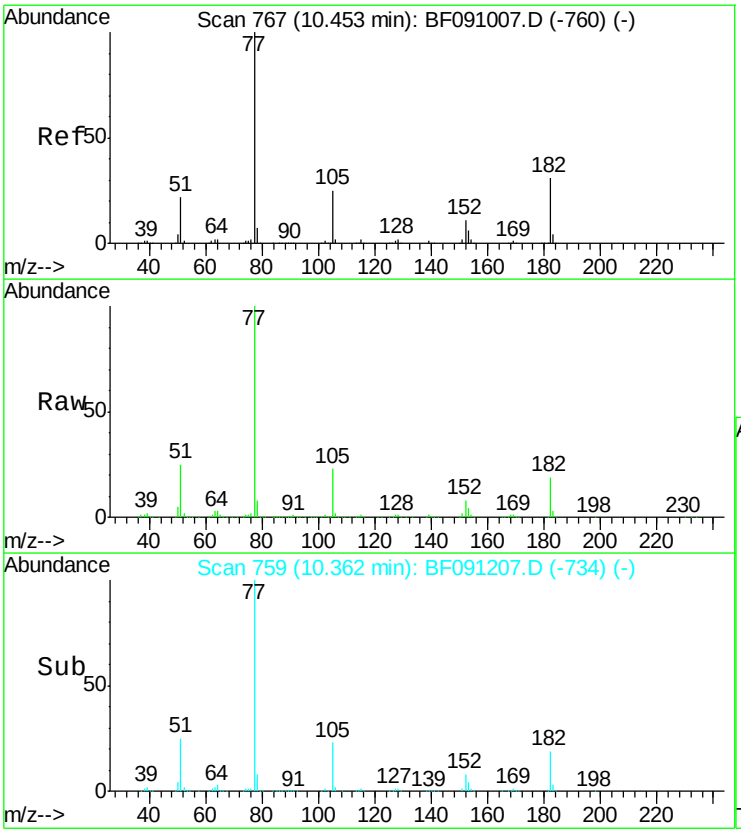

#61
4-Nitroaniline
Concen: 41.13 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:138 Resp: 301569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 45.3 | 32.5 | 72.5 |
| 108 | 60.4 | 49.4 | 89.4 |

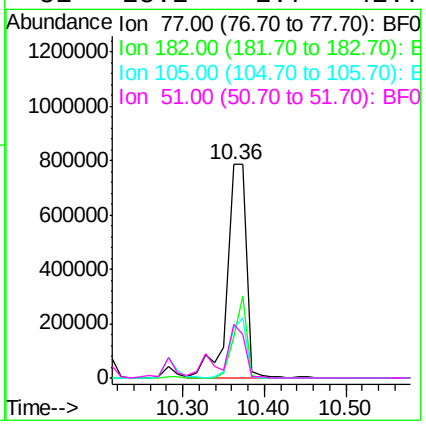


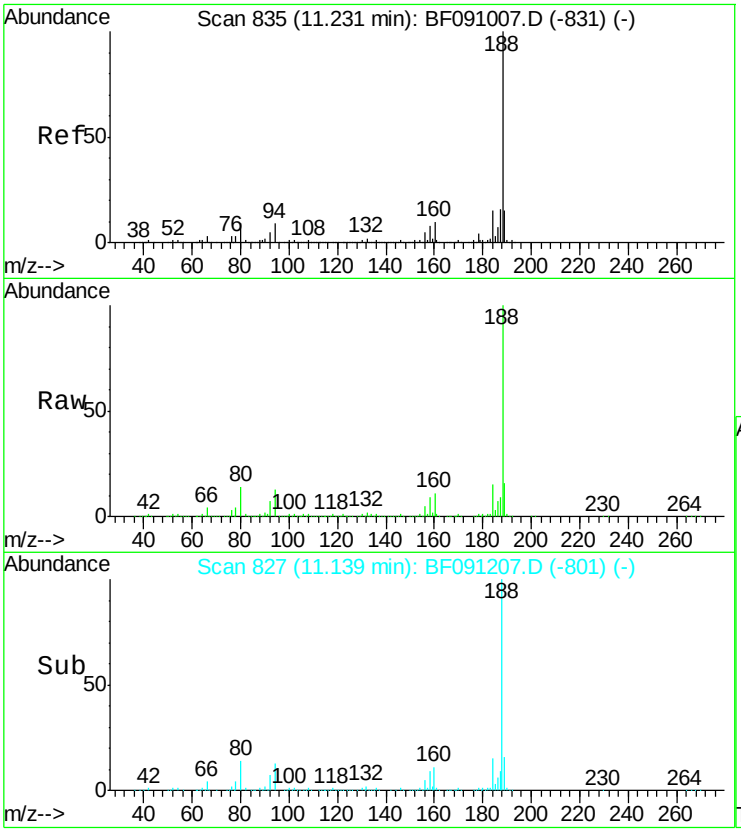




#62
Azobenzene
Concen: 37.49 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion: 77 Resp: 1290328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 19.0 | 11.0 | 51.0 |
| 105 | 23.2 | 5.6 | 45.6 |
| 51 | 25.2 | 2.7 | 42.7 |



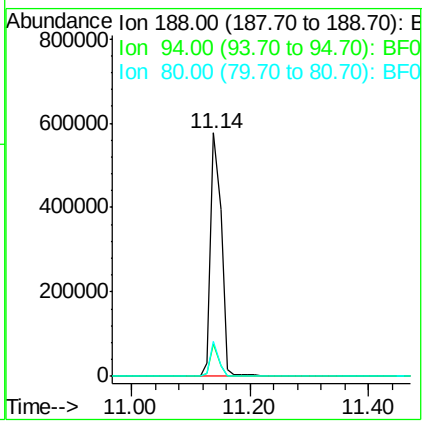


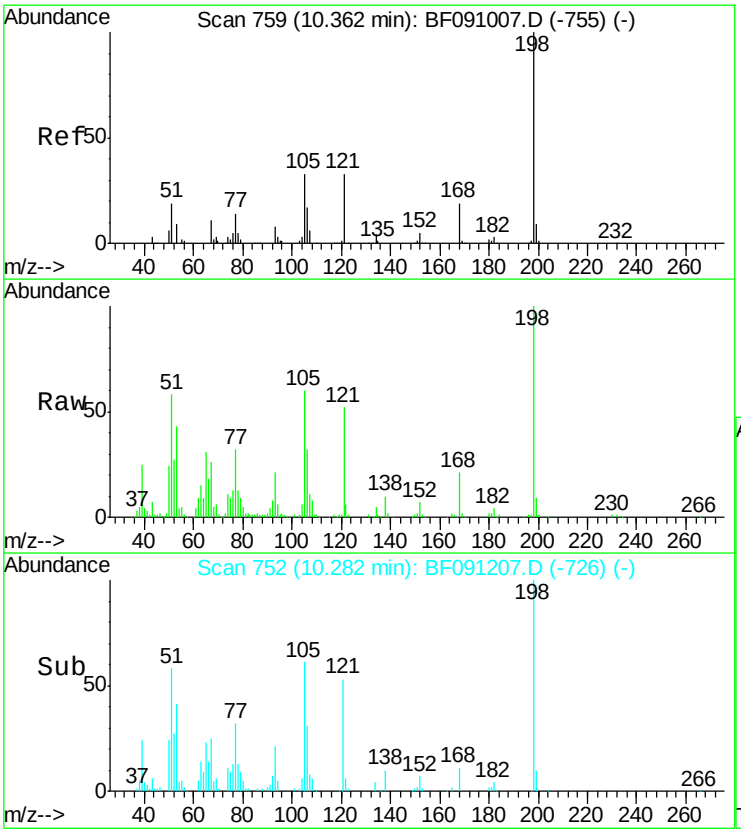

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:188 Resp: 714350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.1 | 7.0 | 10.4# |
| 80 | 14.2 | 7.5 | 11.3# |

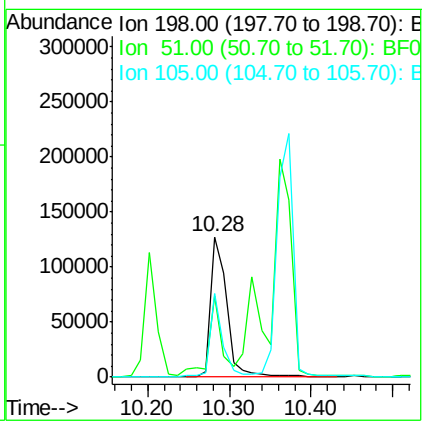


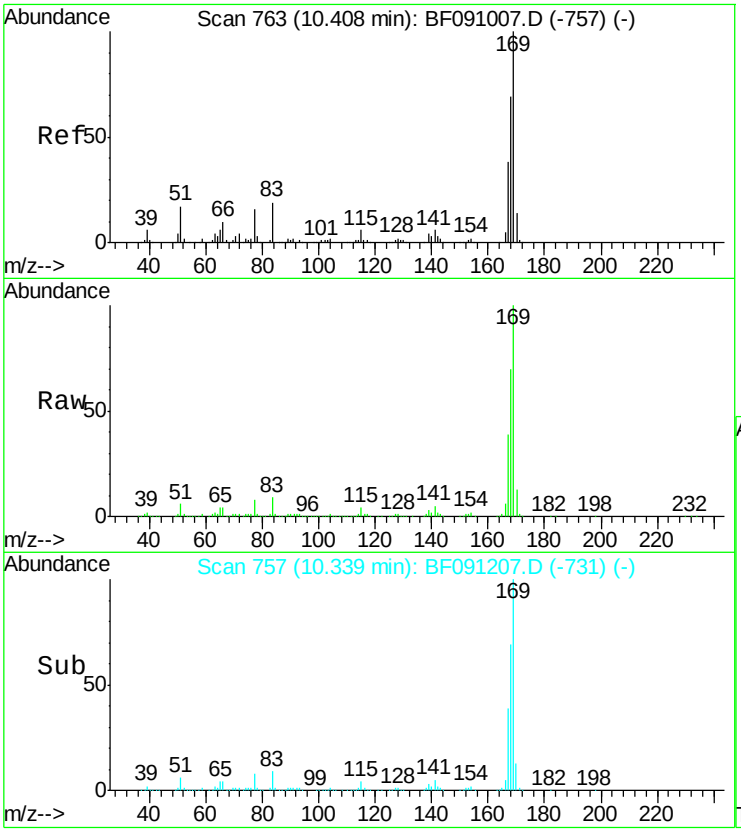




#64
4,6-Dinitro-2-methylphenol
Concen: 40.70 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:198 Resp: 178047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 58.1 | 5.9 | 45.9# |
| 105 | 59.8 | 13.8 | 53.8# |



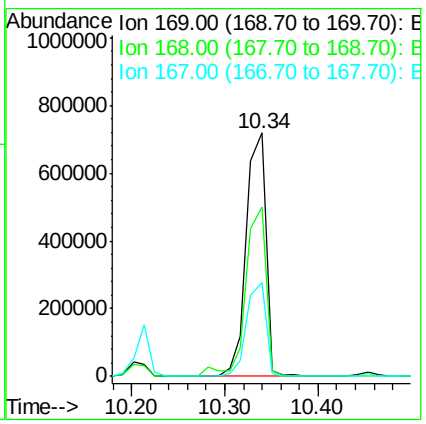


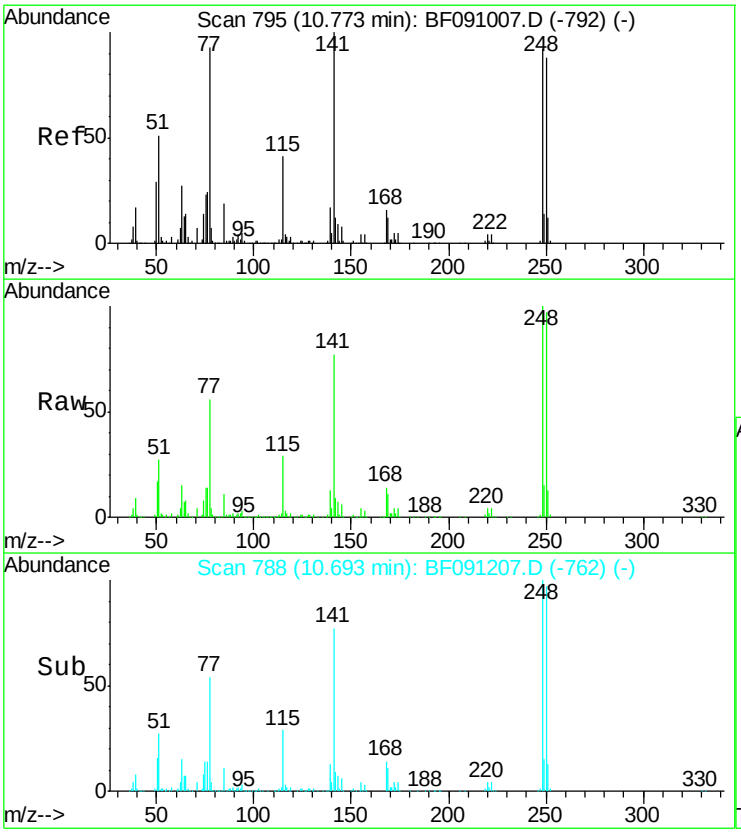

#65
n-Nitrosodiphenylamine
Concen: 46.21 ng
RT: 10.34 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:169 Resp: 1049188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 69.6 | 55.3 | 82.9 |
| 167 | 38.7 | 30.3 | 45.5 |

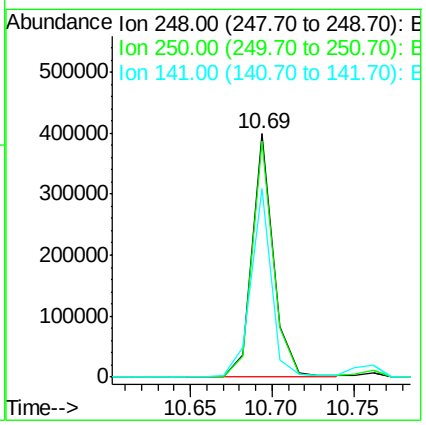


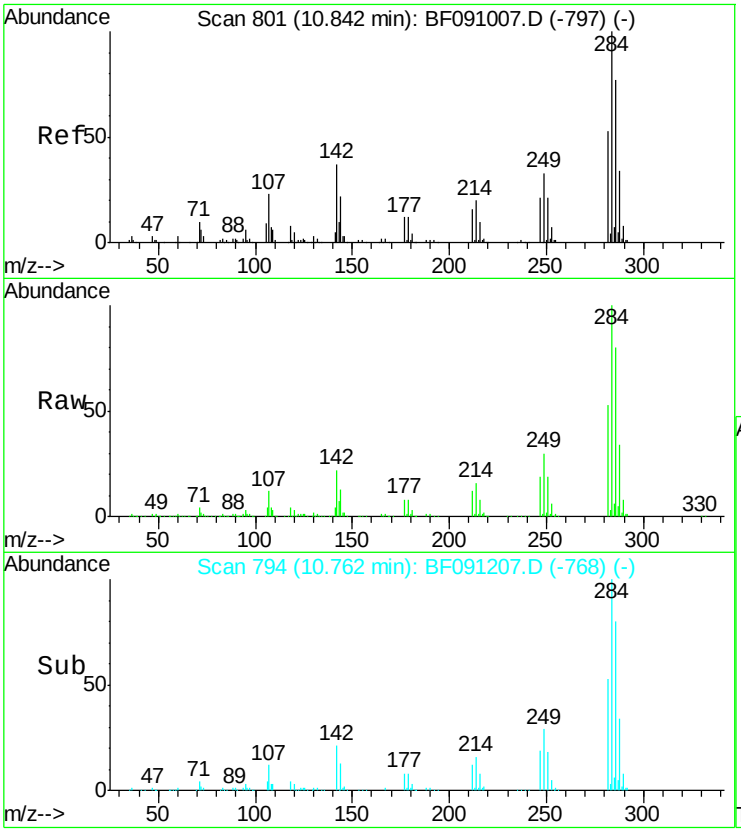




#66
4-Bromophenyl-phenylether
Concen: 48.79 ng
RT: 10.69 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:248 Resp: 362559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.1 | 76.3 | 114.5 |
| 141 | 77.3 | 86.8 | 130.2# |



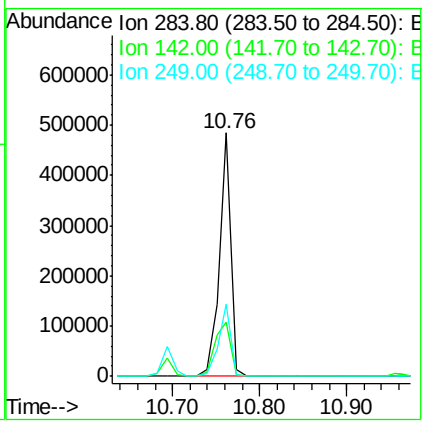


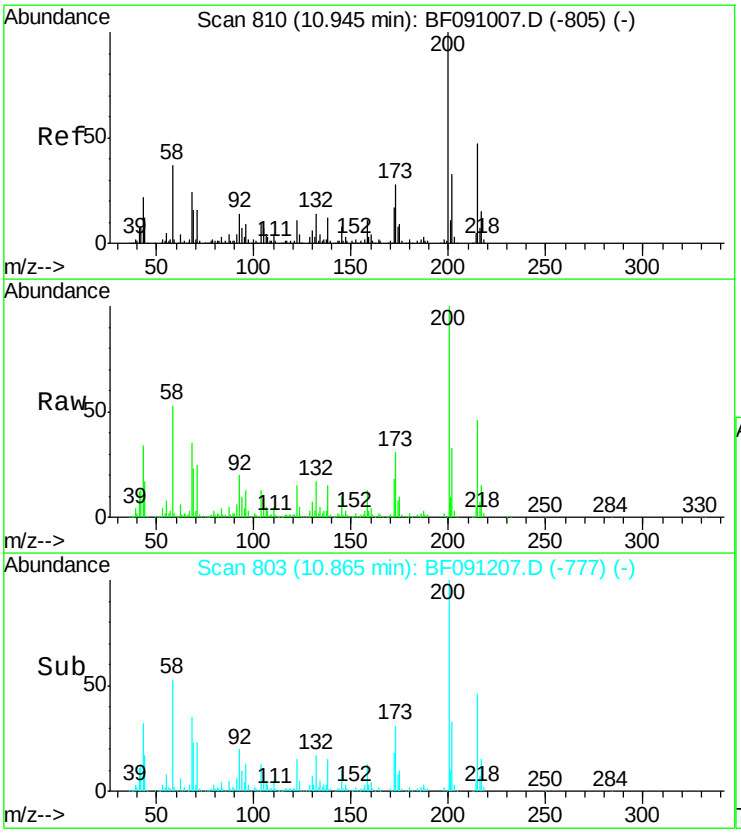

#67
Hexachlorobenzene
Concen: 55.46 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:284 Resp: 454501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 22.2 | 29.9 | 44.9# |
| 249 | 29.6 | 26.6 | 39.8 |

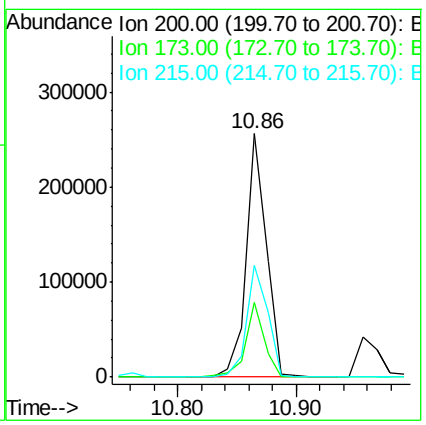


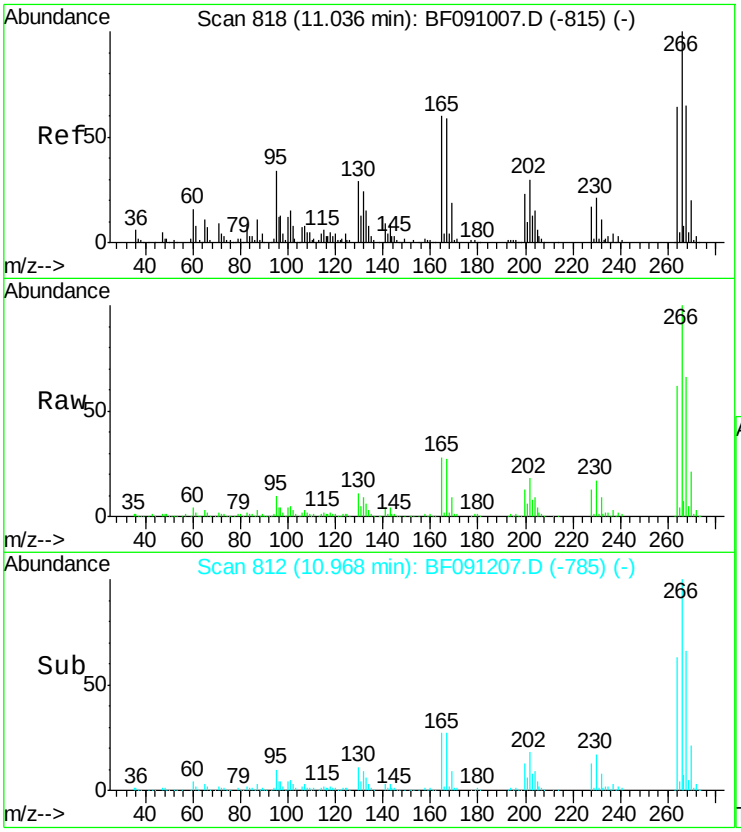




#68
Atrazine
Concen: 46.72 ng
RT: 10.86 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:200 Resp: 306048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 30.6 | 8.1 | 48.1 |
| 215 | 46.0 | 27.3 | 67.3 |



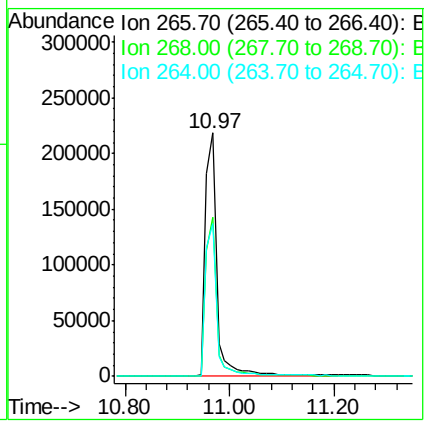


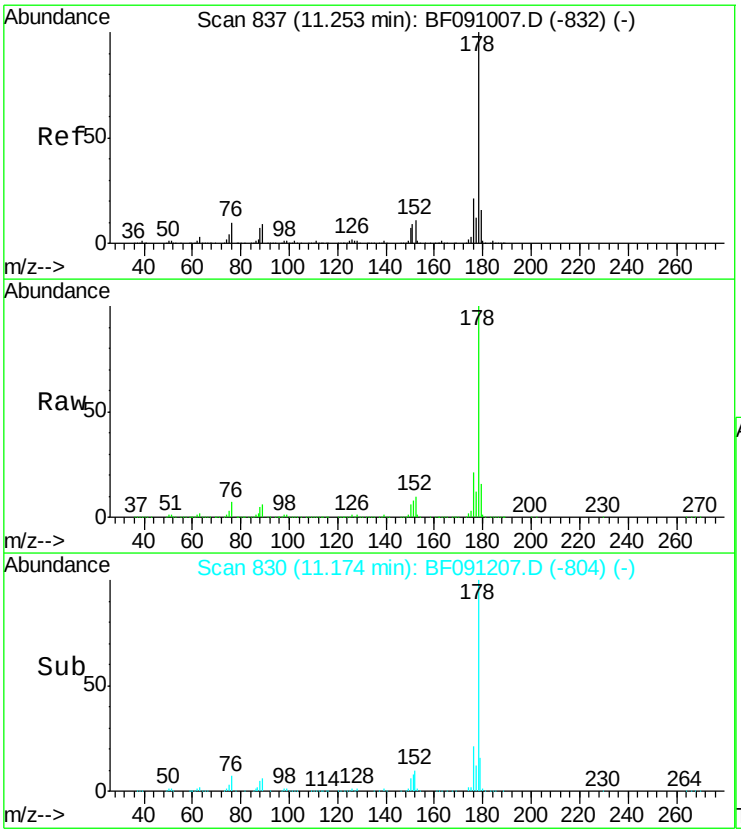

#69
Pentachlorophenol
Concen: 94.79 ng
RT: 10.97 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:266 Resp: 344064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.6 | 52.1 | 78.1 |
| 264 | 62.5 | 51.1 | 76.7 |

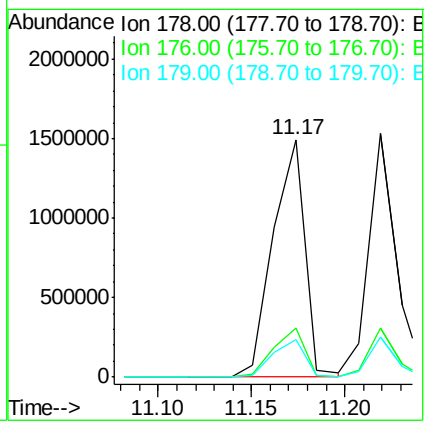


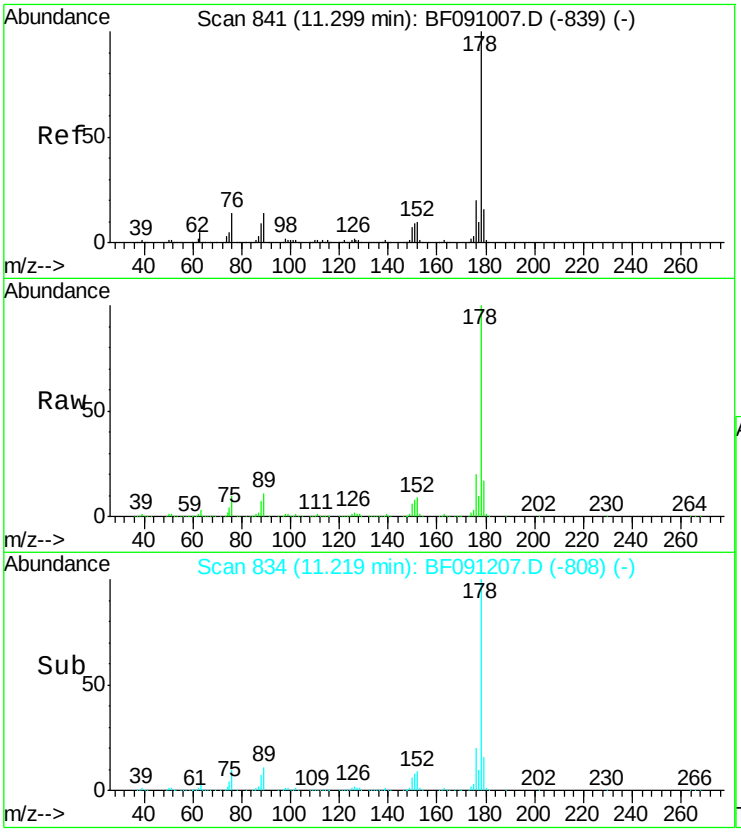




#70
Phenanthrene
Concen: 46.89 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:178 Resp: 1780567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.6 | 16.6 | 25.0 |
| 179 | 16.1 | 12.9 | 19.3 |



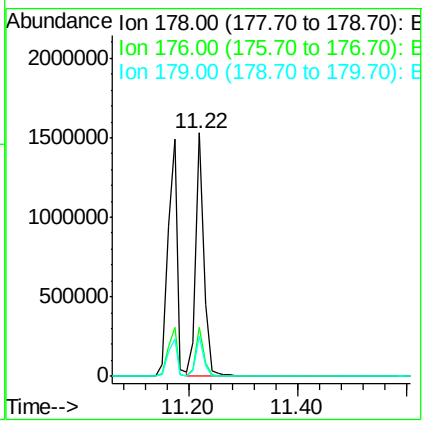


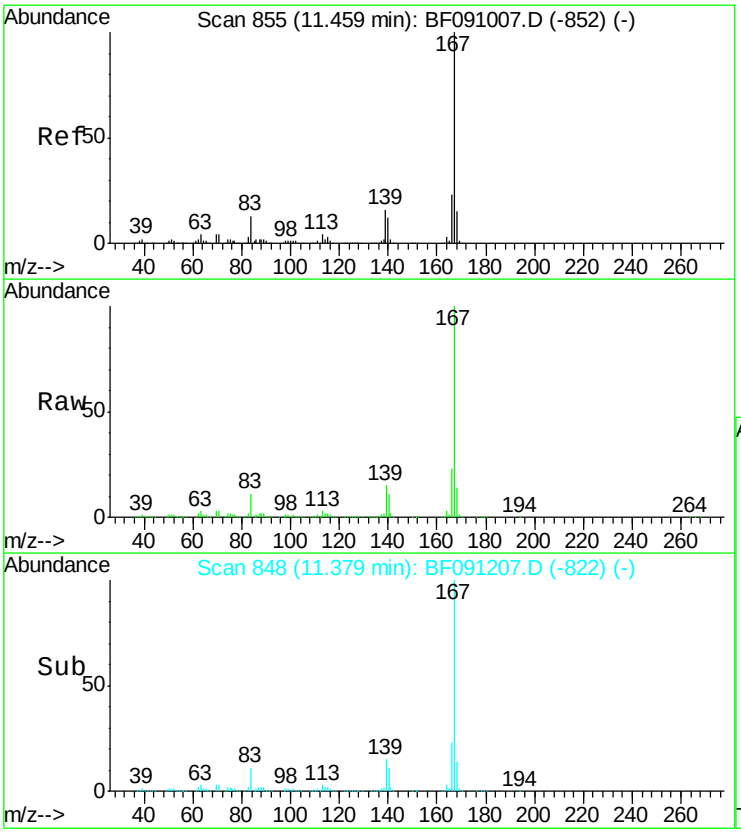

#71
Anthracene
Concen: 39.03 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:178 Resp: 1575701

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.3 | 16.0 | 24.0 |
| 179 | 16.5 | 13.0 | 19.6 |

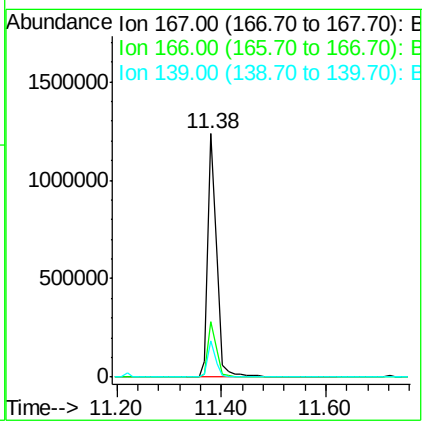


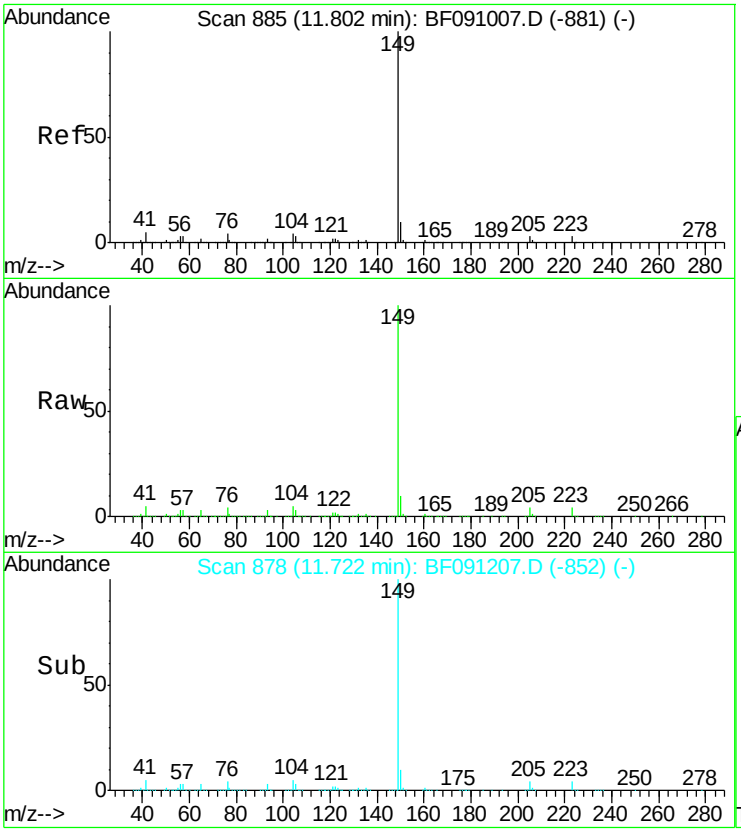




#72
Carbazole
Concen: 39.36 ng
RT: 11.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:167 Resp: 1432011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.6 | 18.0 | 27.0 |
| 139 | 14.6 | 12.6 | 18.8 |



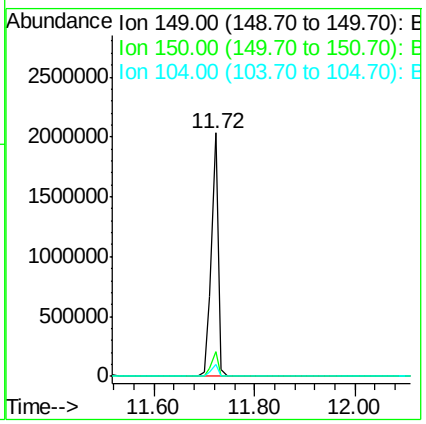


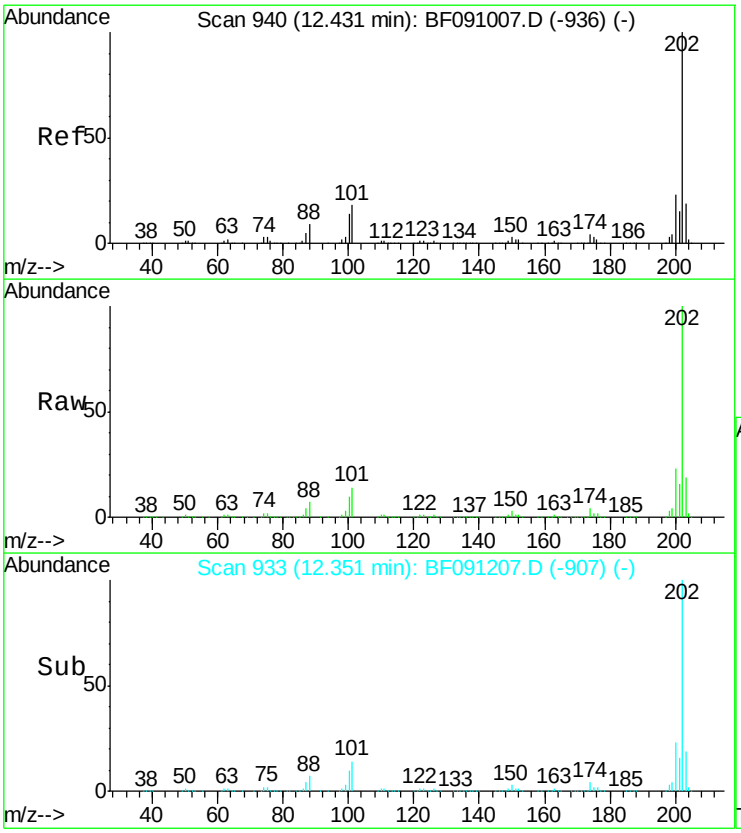

#73
Di-n-butylphthalate
Concen: 42.22 ng
RT: 11.72 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:149 Resp: 1931848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.2 | 7.7 | 11.5 |
| 104 | 4.7 | 3.6 | 5.4 |

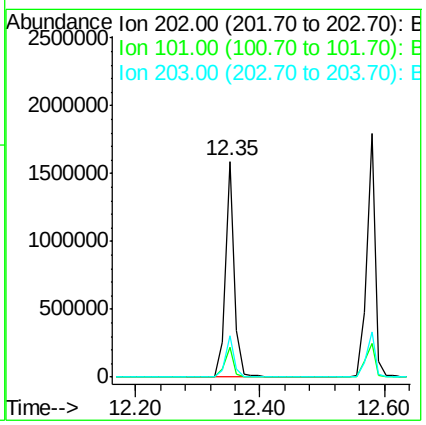


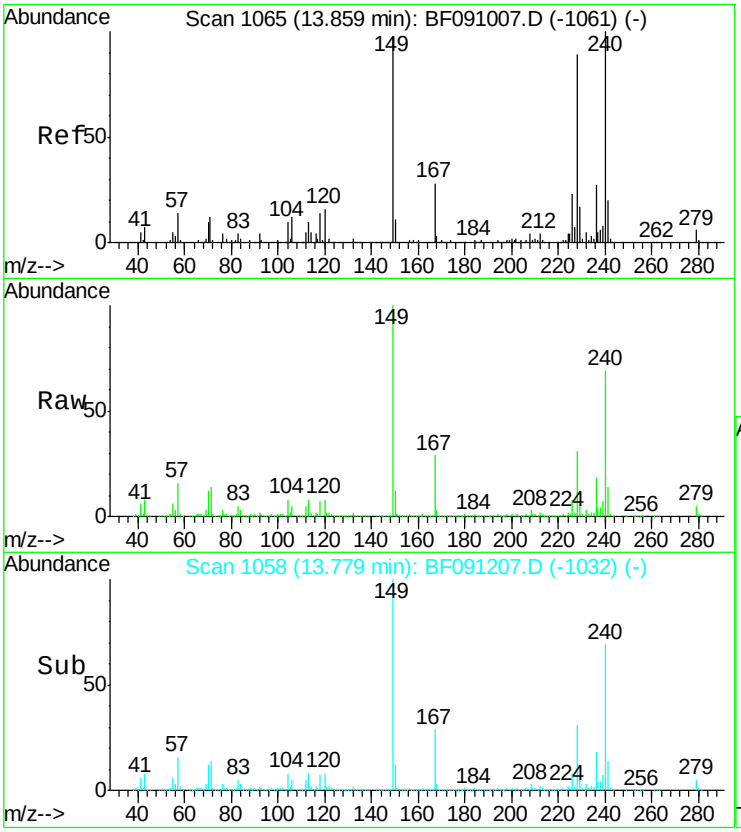




#74
Fluoranthene
Concen: 39.55 ng
RT: 12.35 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:202 Resp: 1557762

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.9 | 0.0 | 37.6 |
| 203 | 18.9 | 0.0 | 38.6 |



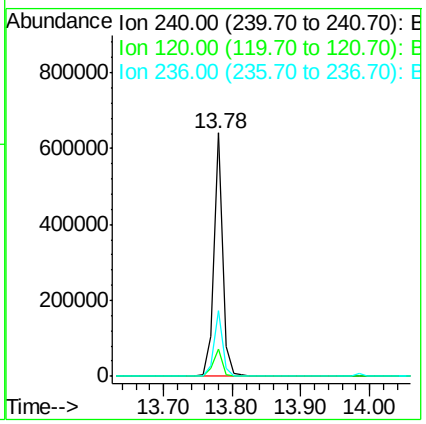


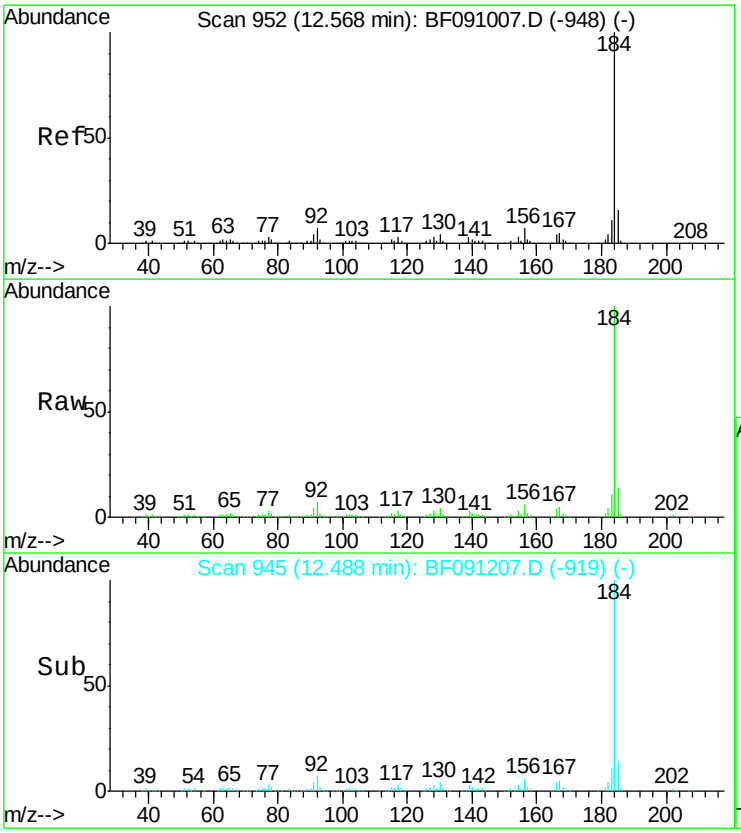

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:240 Resp: 584551

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 12.9 | 19.3# |
| 236 | 26.8 | 21.9 | 32.9 |

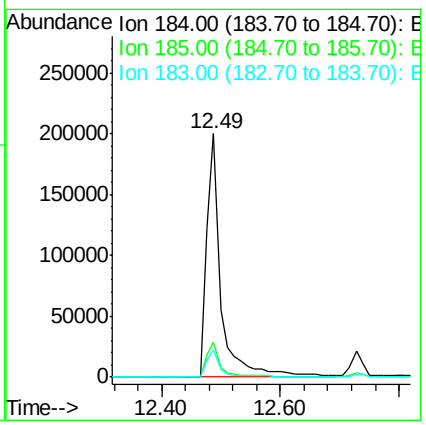


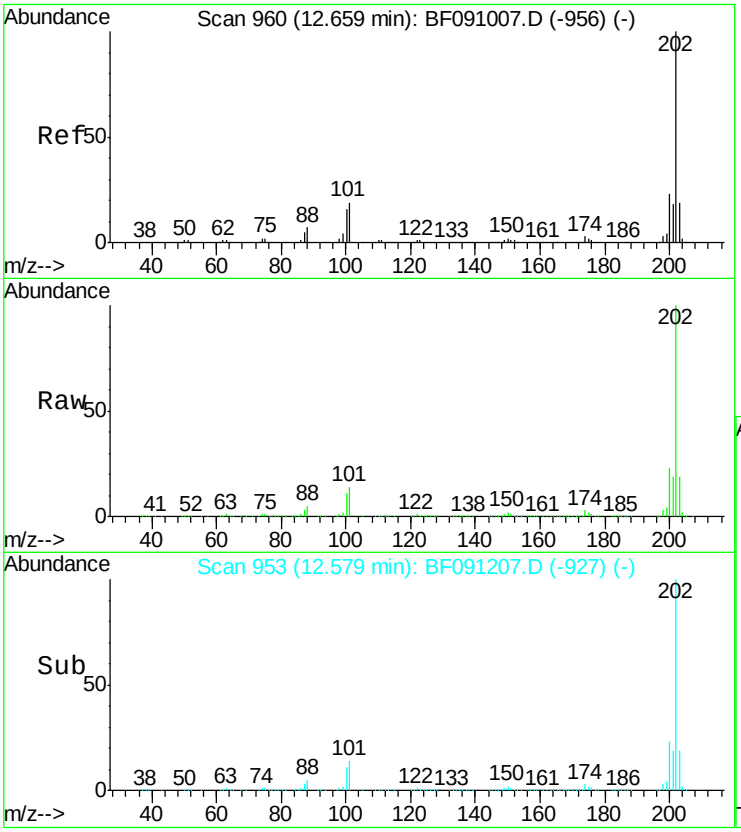




#76
Benzidine
Concen: 25.58 ng
RT: 12.49 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:184 Resp: 334039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 13.0 | 19.4 |
| 183 | 11.3 | 8.7 | 13.1 |



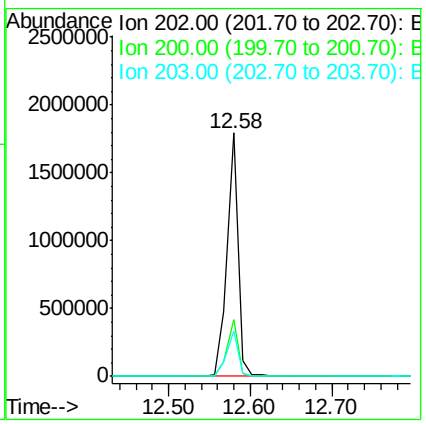


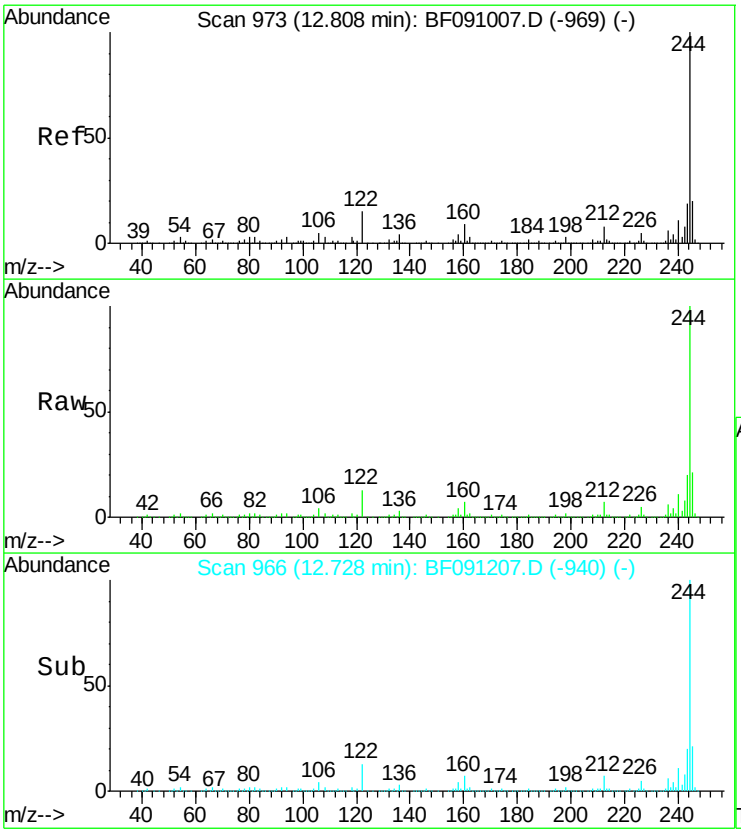

#77
Pyrene
Concen: 43.47 ng
RT: 12.58 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:202 Resp: 1664273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 23.3 | 18.4 | 27.6 |
| 203 | 18.6 | 15.0 | 22.6 |

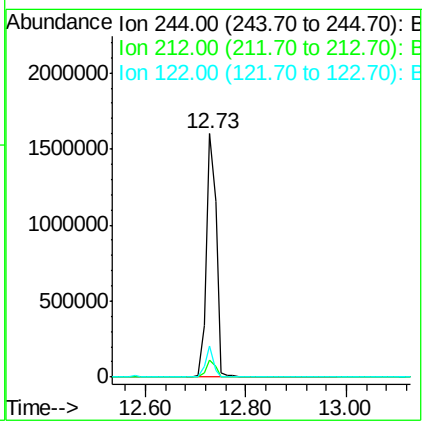


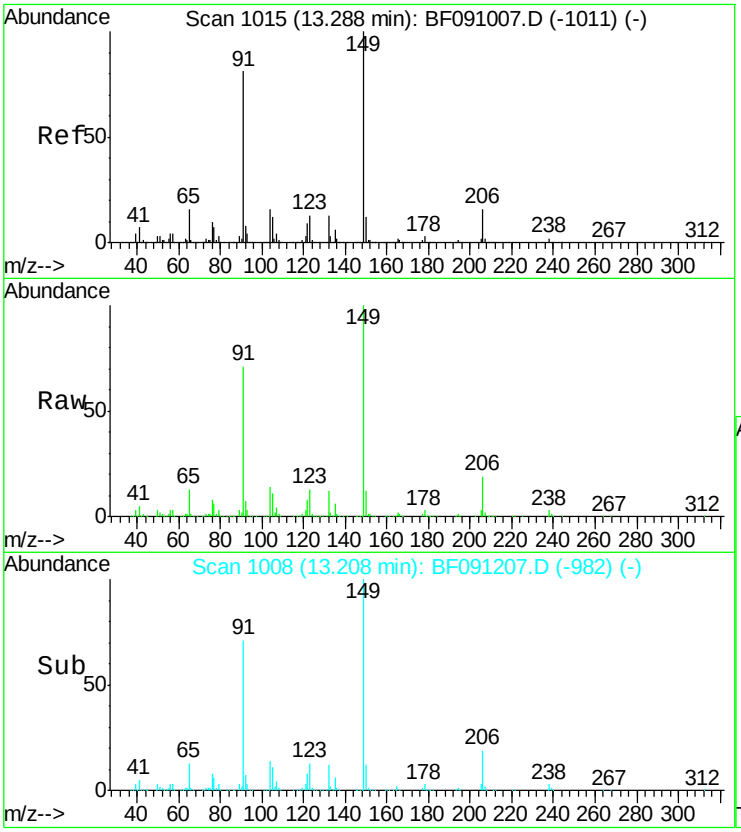




#78
Terphenyl-d14
Concen: 93.22 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:244 Resp: 2183717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.4 | 9.6 |
| 122 | 12.6 | 12.3 | 18.5 |



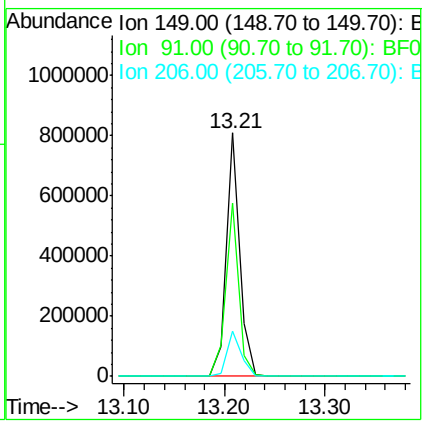


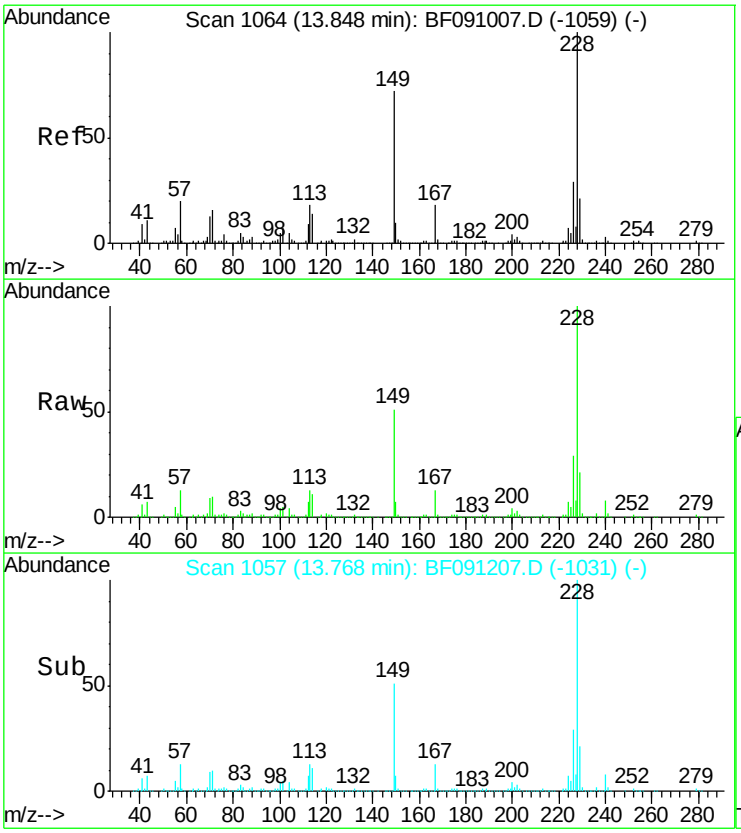

#79
Butylbenzylphthalate
Concen: 41.51 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:149 Resp: 760070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 71.2 | 65.0 | 97.4 |
| 206 | 18.6 | 12.5 | 18.7 |

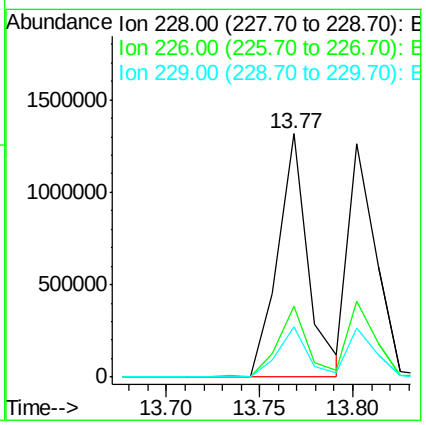


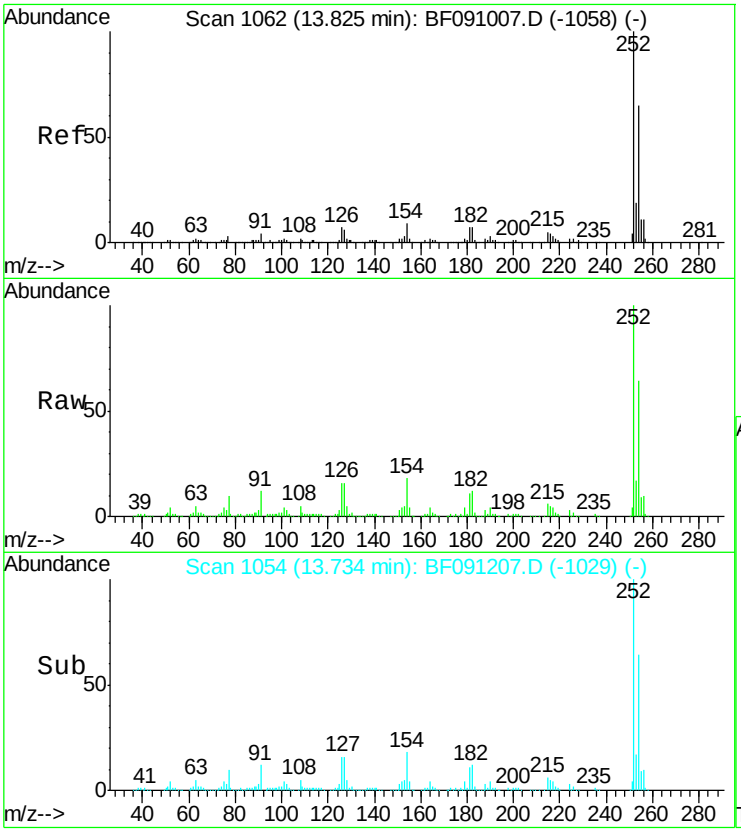




#80
Benzo(a)anthracene
Concen: 45.16 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:228 Resp: 1498965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 23.0 | 34.6 |
| 229 | 20.7 | 16.6 | 24.8 |



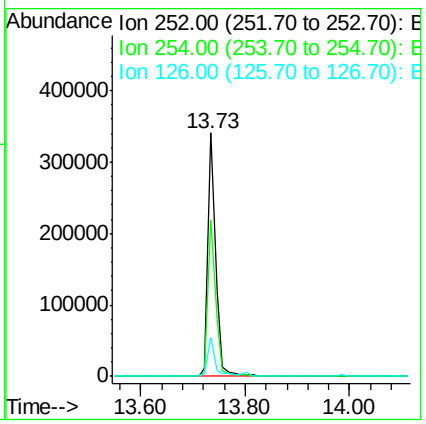


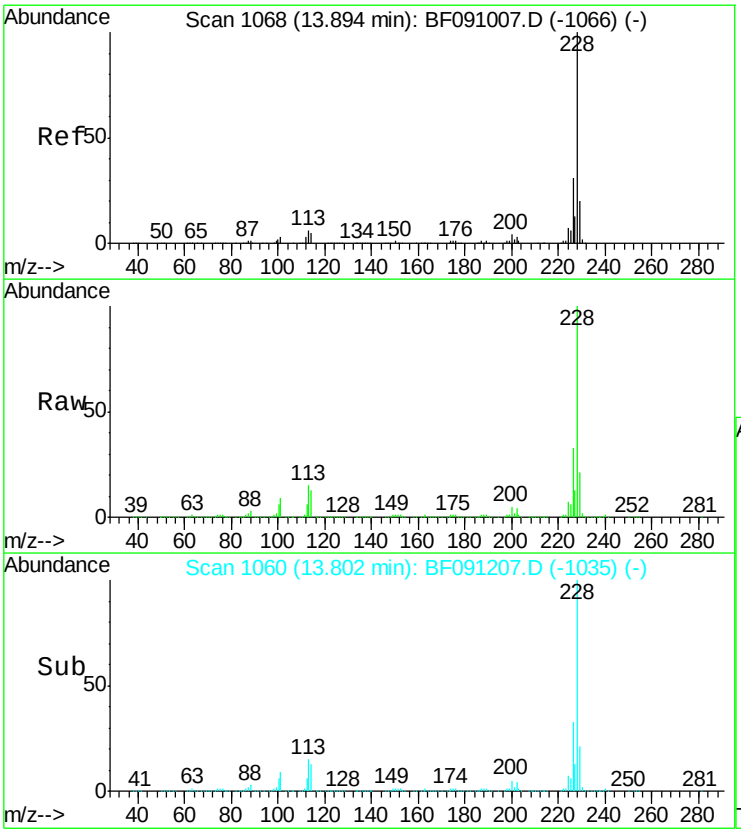

#81
3,3'-Dichlorobenzidine
Concen: 30.10 ng
RT: 13.73 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:252 Resp: 350938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.2 | 52.0 | 78.0 |
| 126 | 15.9 | 5.4 | 8.2# |

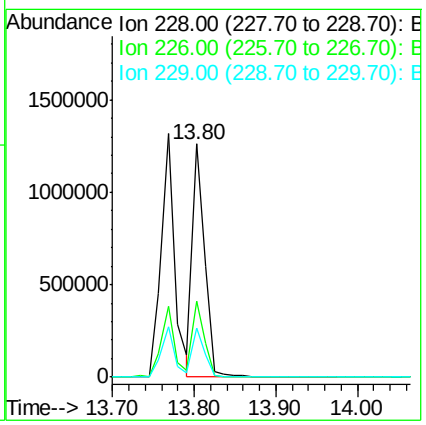


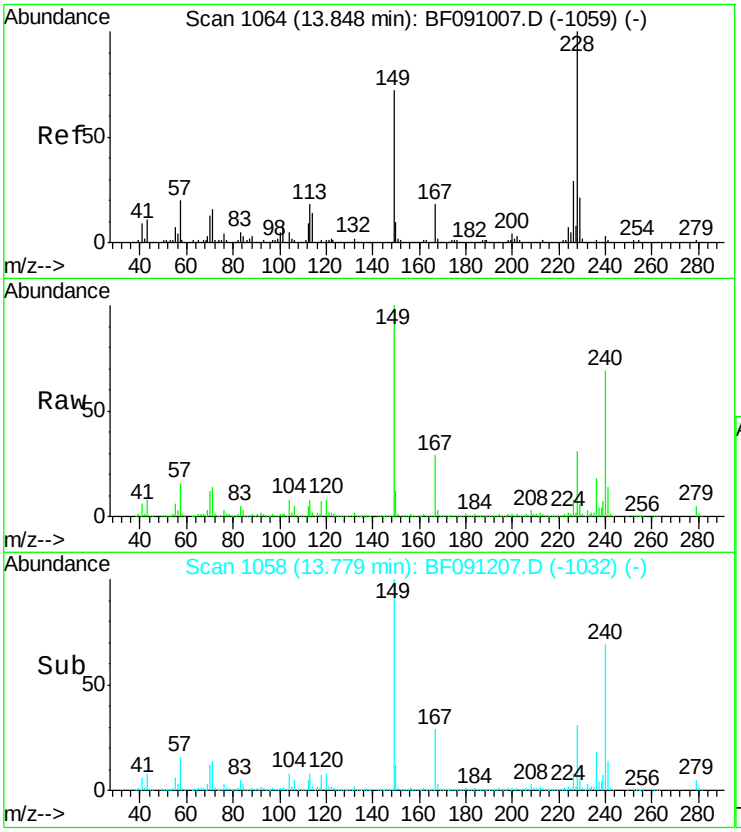




#82
Chrysene
Concen: 40.52 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:228 Resp: 1326227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.5 | 24.9 | 37.3 |
| 229 | 21.0 | 15.9 | 23.9 |



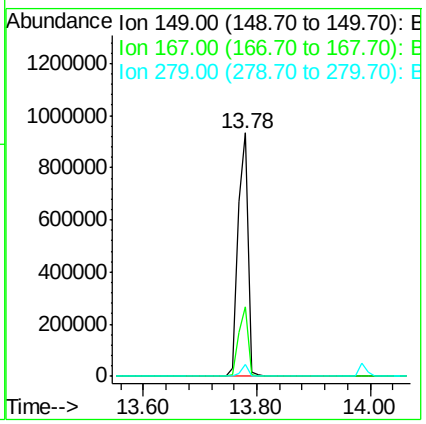


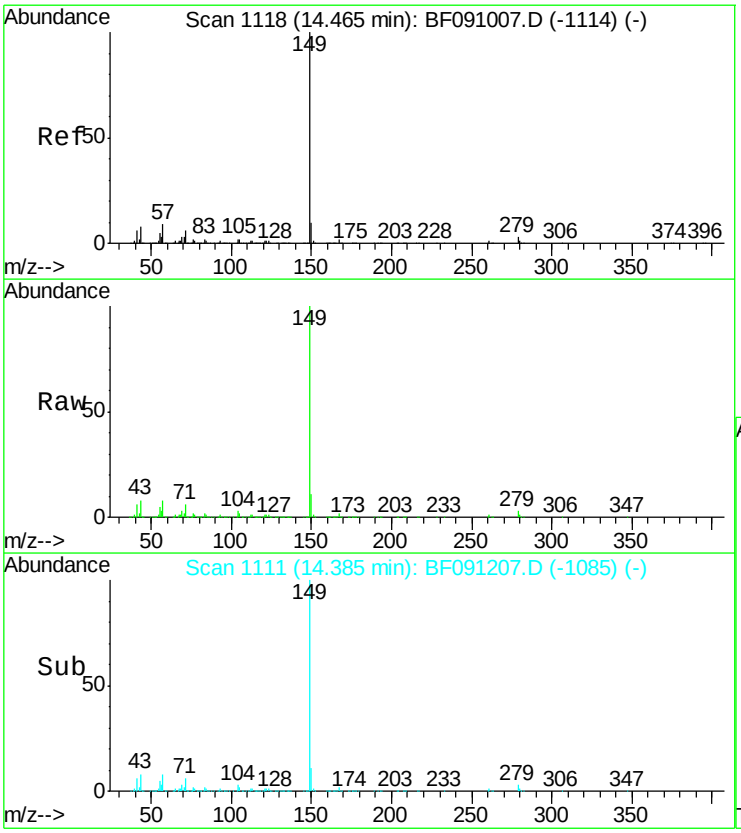

#83
Bis(2-ethylhexyl)phthalate
Concen: 46.28 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:149 Resp: 1146932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.8 | 20.4 | 30.6 |
| 279 | 5.0 | 1.6 | 2.4# |

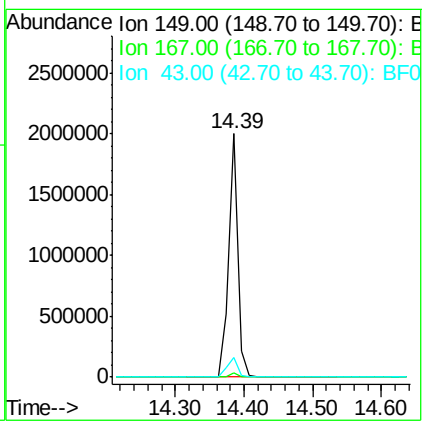


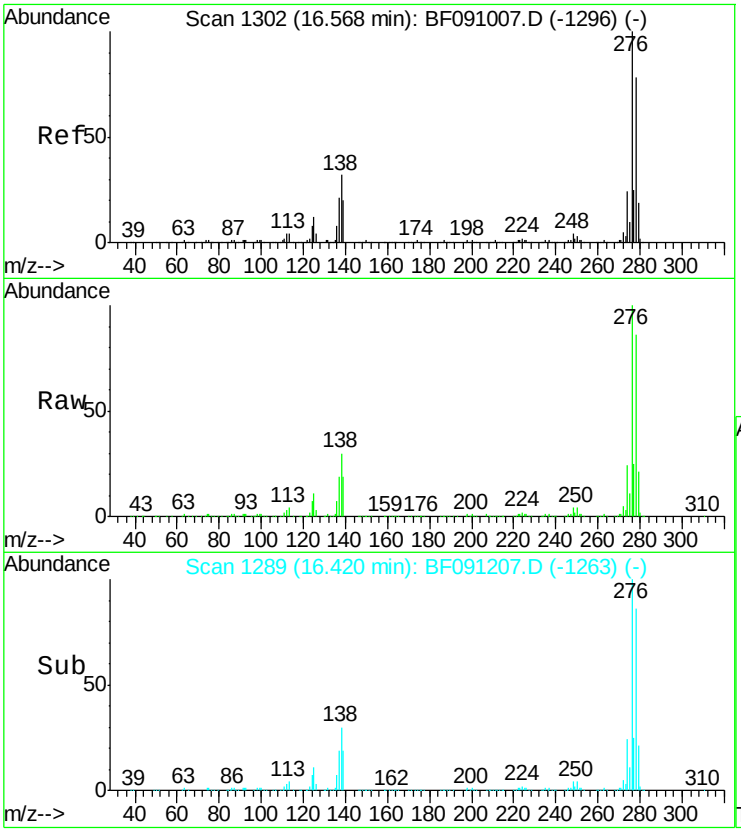




#84
Di-n-octyl phthalate
Concen: 46.80 ng
RT: 14.39 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:149 Resp: 1906899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.2 | 1.8 |
| 43 | 9.1 | 8.2 | 12.4 |



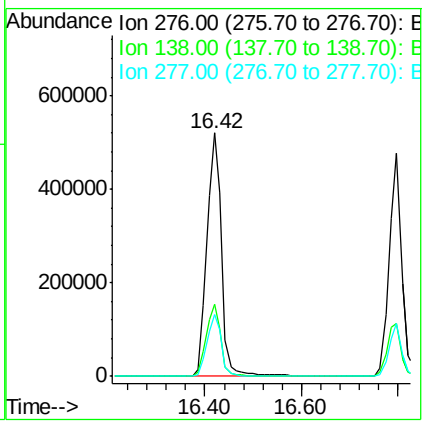


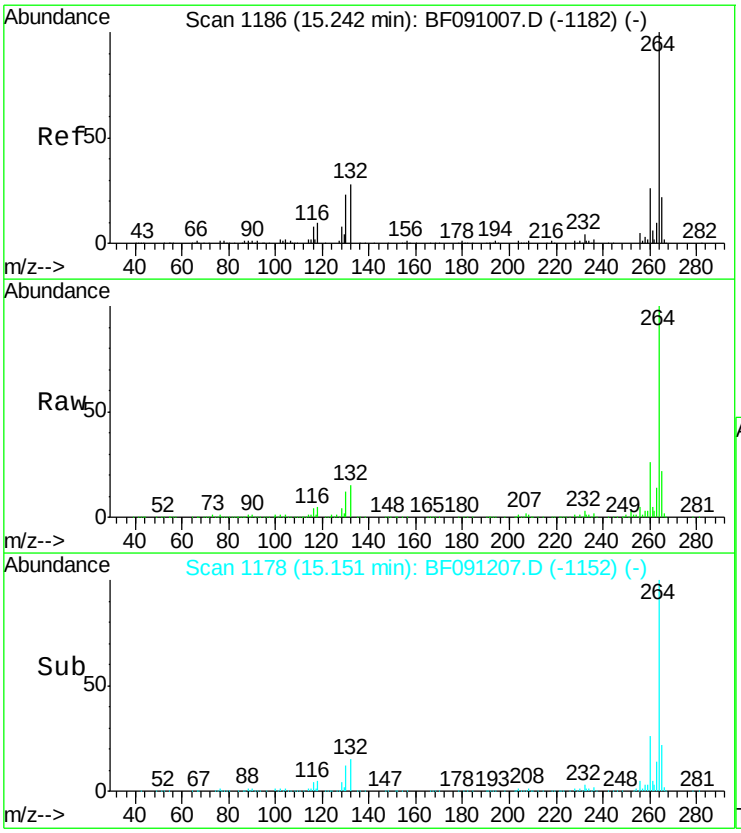

#85
Indeno(1,2,3-cd)pyrene
Concen: 41.09 ng
RT: 16.42 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:276 Resp: 1115618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.9 | 26.0 | 39.0 |
| 277 | 25.4 | 20.1 | 30.1 |

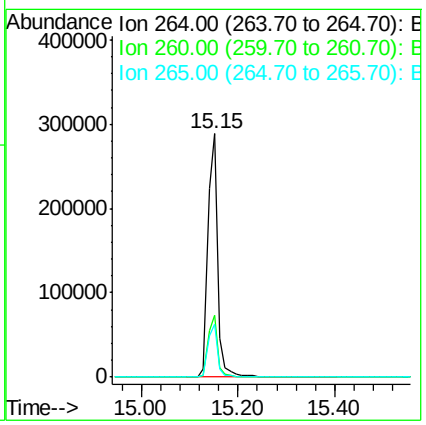


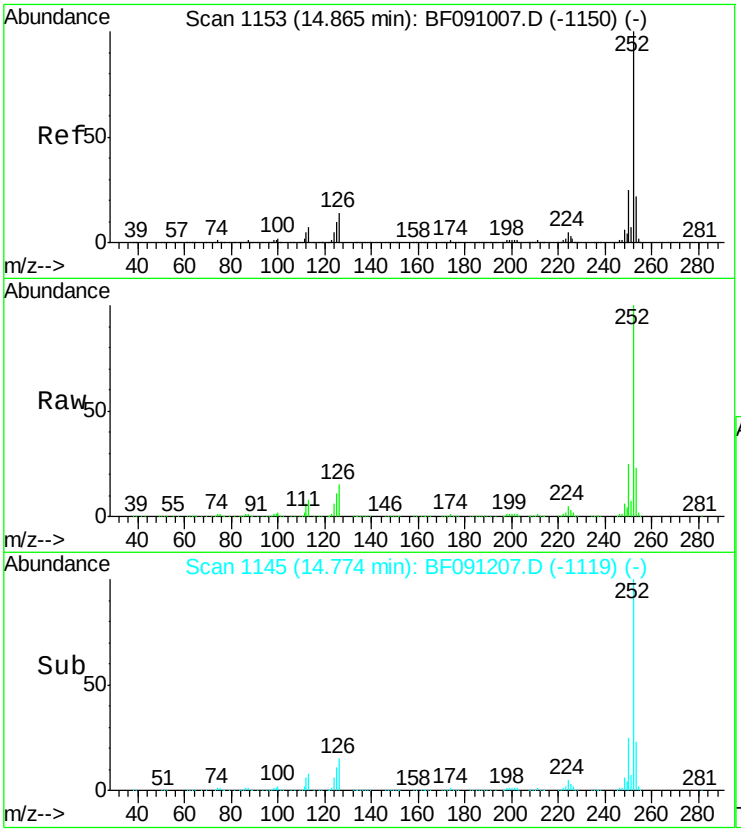




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:264 Resp: 413752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.6 | 20.6 | 30.8 |
| 265 | 21.6 | 17.8 | 26.8 |



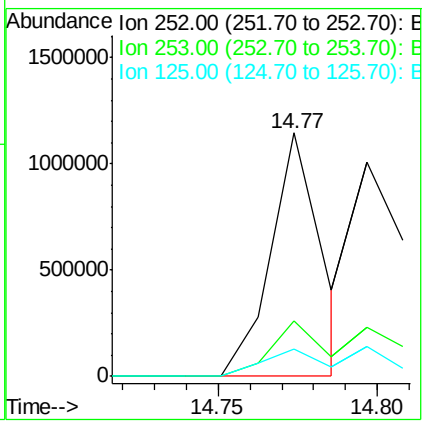


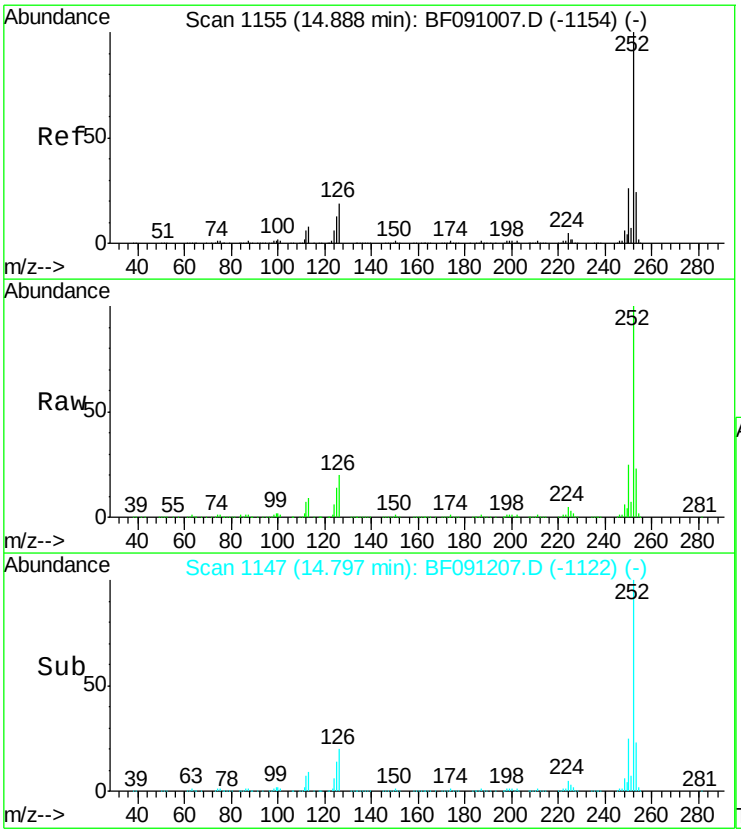

#87
Benzo(b)fluoranthene
Concen: 44.79 ng m
RT: 14.77 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:252 Resp: 1256795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 18.0 | 27.0 |
| 125 | 11.4 | 8.3 | 12.5 |

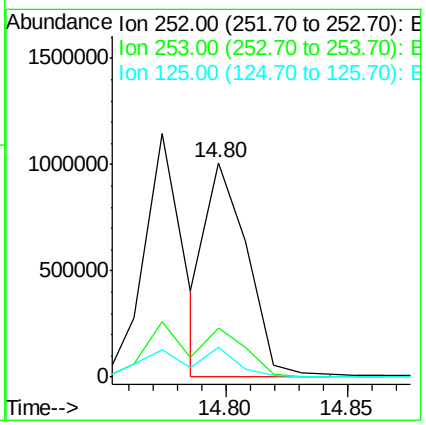


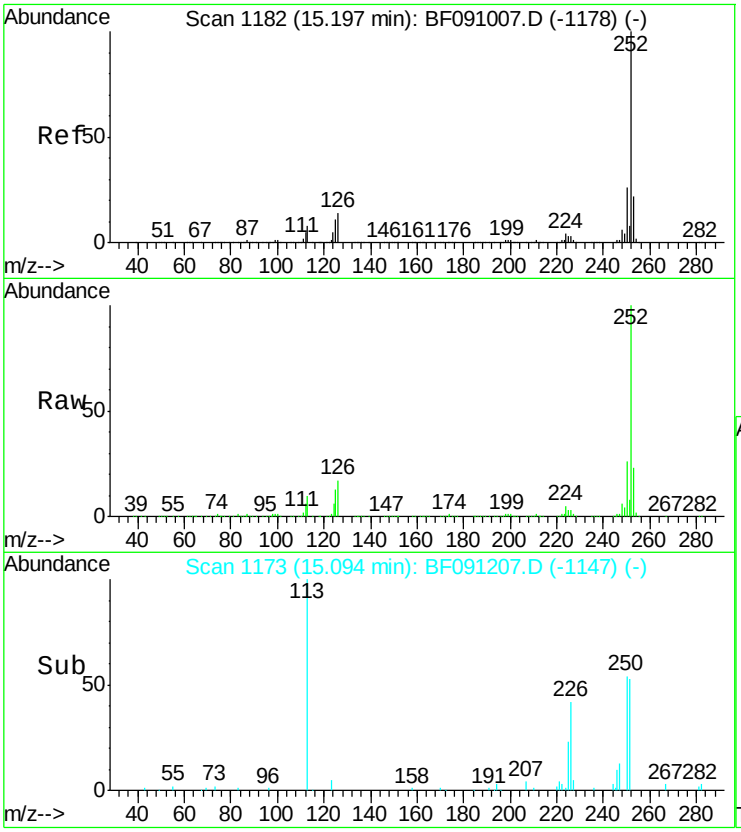




#88
Benzo(k)fluoranthene
Concen: 48.51 ng m
RT: 14.80 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:252 Resp: 1194221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 18.6 | 28.0 |
| 125 | 13.9 | 11.2 | 16.8 |



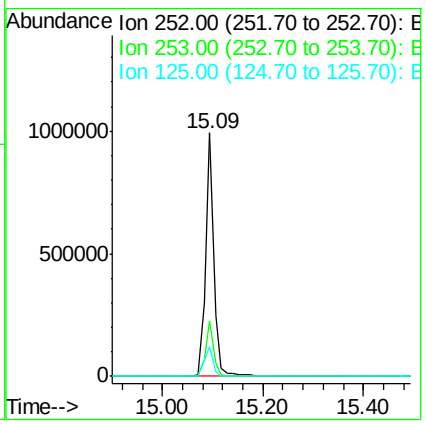


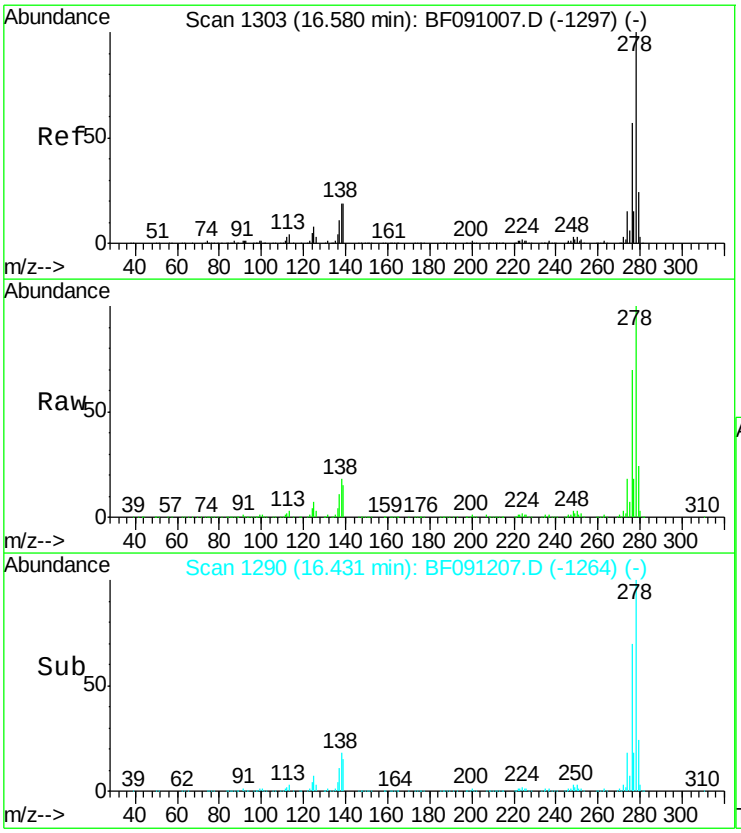

#89
Benzo(a)pyrene
Concen: 45.64 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:252 Resp: 1114939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.7 | 17.8 | 26.8 |
| 125 | 12.5 | 8.6 | 13.0 |

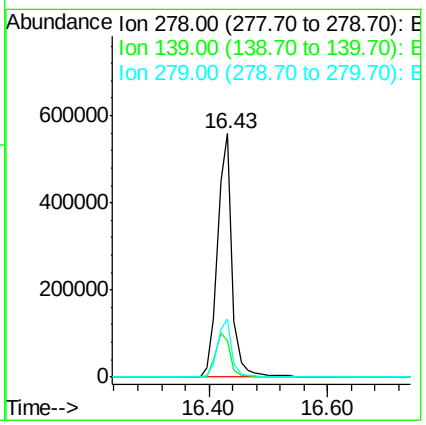


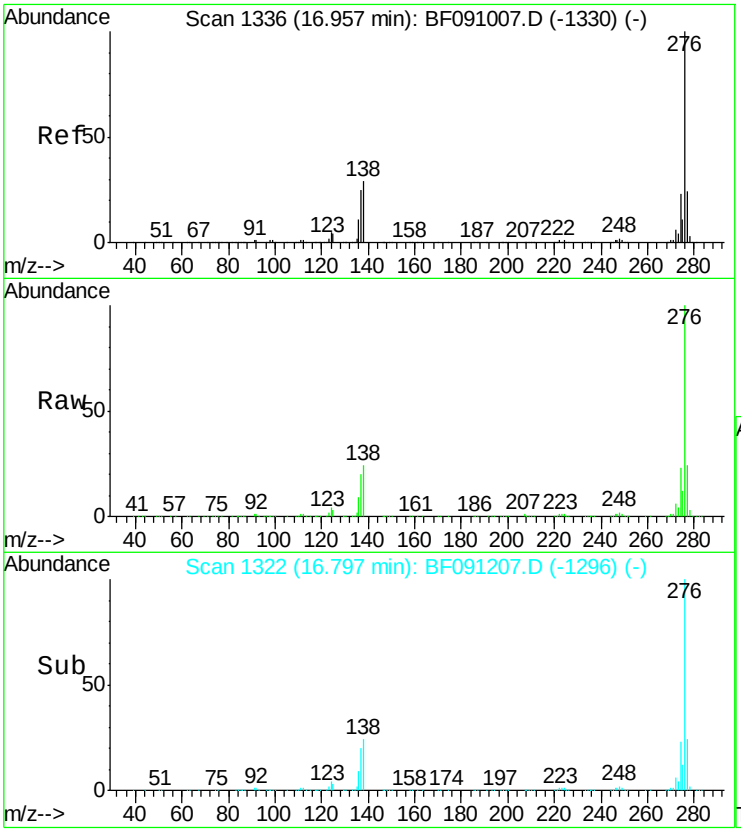




#90
Dibenzo(a,h)anthracene
Concen: 45.04 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

Tgt Ion:278 Resp: 951159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.1 | 15.3 | 22.9# |
| 279 | 23.8 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 45.58 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF091207.D
Acq: 17 Nov 2016 00:01

**Instrument :**
BNA_F
**ClientSampleId :**
FK-BPM-01-AA8-AA9-AA8A-AA9AM

Tgt Ion:276 Resp: 870522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 19.2 | 28.8 |
| 138 | 23.7 | 23.3 | 34.9 |