Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091470.D
Acq On : 7 Dec 2016 15:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Dec 08 00:21:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.84 | 152 | 120278 | 20.00 | ng | | -0.04 |
| 21) Naphthalene-d8 | 8.12 | 136 | 476405 | 20.00 | ng | | -0.05 |
| 38) Acenaphthene-d10 | 9.88 | 164 | 290382 | 20.00 | ng | | -0.04 |
| 63) Phenanthrene-d10 | 11.35 | 188 | 486294 | 20.00 | ng | | -0.05 |
| 75) Chrysene-d12 | 13.98 | 240 | 386436 | 20.00 | ng | | -0.06 |
| 86) Perylene-d12 | 15.40 | 264 | 306675 | 20.00 | ng | | -0.07 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.43 | 112 | 553925 | 75.23 | ng | | -0.04 |
| 7) Phenol-d6 | 6.47 | 99 | 687730 | 75.88 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 640413 | 75.33 | ng | | -0.05 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 223648 | 81.35 | ng | | -0.05 |
| 44) 2-Fluorobiphenyl | 9.20 | 172 | 1386612 | 86.46 | ng | | -0.04 |
| 78) Terphenyl-d14 | 12.94 | 244 | 1494537 | 84.06 | ng | | -0.05 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.40 | 88 | 108659 | 32.62 | ng | # | 86 |
| 3) Pyridine | 3.11 | 79 | 317462 | 33.68 | ng | # | 78 |
| 4) n-Nitrosodimethylamine | 3.06 | 42 | 176863 | 35.76 | ng | | 95 |
| 6) Aniline | 6.49 | 93 | 416603 | 34.60 | ng | # | 74 |
| 8) 2-Chlorophenol | 6.62 | 128 | 309674 | 38.36 | ng | | 92 |
| 9) Benzaldehyde | 6.38 | 77 | 199070 | 34.16 | ng | | 84 |
| 10) Phenol | 6.48 | 94 | 427117 | 40.05 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.57 | 93 | 306683 | 40.25 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.01 | 146 | 341045 | 37.98 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.85 | 146 | 325567 | 36.45 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 7.01 | 146 | 341057 | 40.99 | ng | | 95 |
| 15) Benzyl Alcohol | 6.97 | 79 | 261670 | 36.08 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.11 | 45 | 638380 | 38.96 | ng | | 71 |
| 17) 2-Methylphenol | 7.09 | 107 | 226344 | 35.47 | ng | # | 74 |
| 18) Hexachloroethane | 7.35 | 117 | 128486 | 40.51 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 221652 | 38.82 | ng | # | 83 |
| 20) 3+4-Methylphenols | 7.25 | 107 | 308005 | 39.54 | ng | # | 56 |
| 22) Acetophenone | 7.25 | 105 | 444152 | 39.33 | ng | # | 82 |
| 24) Nitrobenzene | 7.42 | 77 | 368898 | 42.39 | ng | # | 89 |
| 25) Isophorone | 7.66 | 82 | 581995 | 38.64 | ng | | 98 |
| 26) 2-Nitrophenol | 7.74 | 139 | 167841 | 42.32 | ng | # | 76 |
| 27) 2,4-Dimethylphenol | 7.77 | 122 | 265451 | 35.78 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93 | 373678 | 41.22 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 7.98 | 162 | 273723 | 41.94 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.06 | 180 | 289734 | 39.59 | ng | | 98 |
| 31) Naphthalene | 8.14 | 128 | 851052 | 37.59 | ng | | 100 |
| 32) Benzoic acid | 7.90 | 122 | 228491 | 41.78 | ng | | 94 |
| 33) 4-Chloroaniline | 8.18 | 127 | 390407 | 40.34 | ng | # | 92 |
| 34) Hexachlorobutadiene | 8.26 | 225 | 196101 | 43.58 | ng | | 98 |
| 35) Caprolactam | 8.56 | 113 | 73802 | 39.34 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.68 | 107 | 293712 | 41.68 | ng | # | 81 |
| 37) 2-Methylnaphthalene | 8.84 | 142 | 630372 | 40.98 | ng | | 94 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 295515 | 36.10 | ng | | 98 |
| 40) Hexachlorocyclopentadiene | 8.98 | 237 | 151815 | 40.01 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091470.D
Acq On : 7 Dec 2016 15:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Dec 08 00:21:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.11 | 196 | 232387 | 43.68 | ng | | 96 |
| 43) 2,4,5-Trichlorophenol | 9.14 | 196 | 191127 | 35.85 | ng | # | 90 |
| 45) 1,1'-Biphenyl | 9.29 | 154 | 720249 | 34.49 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.32 | 162 | 550769 | 35.42 | ng | | 98 |
| 47) 2-Nitroaniline | 9.41 | 65 | 206026 | 36.89 | ng | # | 71 |
| 48) Acenaphthylene | 9.74 | 152 | 906124 | 37.02 | ng | | 99 |
| 49) Dimethylphthalate | 9.60 | 163 | 727960 | 41.40 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.66 | 165 | 169111 | 43.03 | ng | # | 76 |
| 51) Acenaphthene | 9.91 | 154 | 659035 | 39.91 | ng | | 97 |
| 52) 3-Nitroaniline | 9.82 | 138 | 161153 | 35.43 | ng | | 87 |
| 53) 2,4-Dinitrophenol | 9.92 | 184 | 82112 | 47.78 | ng | # | 71 |
| 54) Dibenzofuran | 10.08 | 168 | 836956 | 37.86 | ng | # | 88 |
| 55) 4-Nitrophenol | 9.98 | 139 | 118404 | 36.04 | ng | | 94 |
| 56) 2,4-Dinitrotoluene | 10.06 | 165 | 236635 | 46.42 | ng | | 90 |
| 57) Fluorene | 10.41 | 166 | 663330 | 39.08 | ng | | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.20 | 232 | 191373 | 42.03 | ng | | 97 |
| 59) Diethylphthalate | 10.30 | 149 | 730678 | 42.10 | ng | | 96 |
| 60) 4-Chlorophenyl-phenylether | 10.41 | 204 | 331377 | 38.93 | ng | | 91 |
| 61) 4-Nitroaniline | 10.44 | 138 | 176616 | 41.35 | ng | | 88 |
| 62) Azobenzene | 10.57 | 77 | 750787 | 42.39 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 116339 | 43.42 | ng | | 90 |
| 65) n-Nitrosodiphenylamine | 10.53 | 169 | 529254 | 35.90 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.90 | 248 | 221988 | 42.47 | ng | # | 74 |
| 67) Hexachlorobenzene | 10.96 | 284 | 220089 | 38.97 | ng | # | 82 |
| 68) Atrazine | 11.05 | 200 | 177673 | 37.21 | ng | | 98 |
| 69) Pentachlorophenol | 11.16 | 266 | 148352 | 44.62 | ng | | 97 |
| 70) Phenanthrene | 11.37 | 178 | 909984 | 36.01 | ng | | 99 |
| 71) Anthracene | 11.43 | 178 | 1078800 | 43.02 | ng | | 99 |
| 72) Carbazole | 11.58 | 167 | 824871 | 36.25 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.92 | 149 | 1176281 | 45.61 | ng | | 99 |
| 74) Fluoranthene | 12.56 | 202 | 1116338 | 46.64 | ng | | 97 |
| 76) Benzidine | 12.68 | 184 | 342556 | 30.20 | ng | | 98 |
| 77) Pyrene | 12.79 | 202 | 1173967 | 40.03 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.41 | 149 | 427895 | 38.96 | ng | | 89 |
| 80) Benzo(a)anthracene | 13.97 | 228 | 862192 | 38.15 | ng | | 98 |
| 81) 3,3'-Dichlorobenzidine | 13.93 | 252 | 320017 | 40.20 | ng | # | 95 |
| 82) Chrysene | 14.01 | 228 | 960744 | 42.97 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.98 | 149 | 636268 | 45.71 | ng | # | 92 |
| 84) Di-n-octyl phthalate | 14.59 | 149 | 998732 | 47.42 | ng | | 96 |
| 85) Indeno(1,2,3-cd)pyrene | 16.78 | 276 | 678641 | 33.14 | ng | # | 92 |
| 87) Benzo(b)fluoranthene | 15.00 | 252 | 741465 | 38.90 | ng | # | 97 |
| 88) Benzo(k)fluoranthene | 15.00 | 252 | 741465 | 46.26 | ng | # | 96 |
| 89) Benzo(a)pyrene | 15.34 | 252 | 670507 | 39.17 | ng | # | 95 |
| 90) Dibenzo(a,h)anthracene | 16.80 | 278 | 587527 | 37.11 | ng | # | 91 |
| 91) Benzo(g,h,i)perylene | 17.20 | 276 | 557181 | 34.13 | ng | # | 95 |

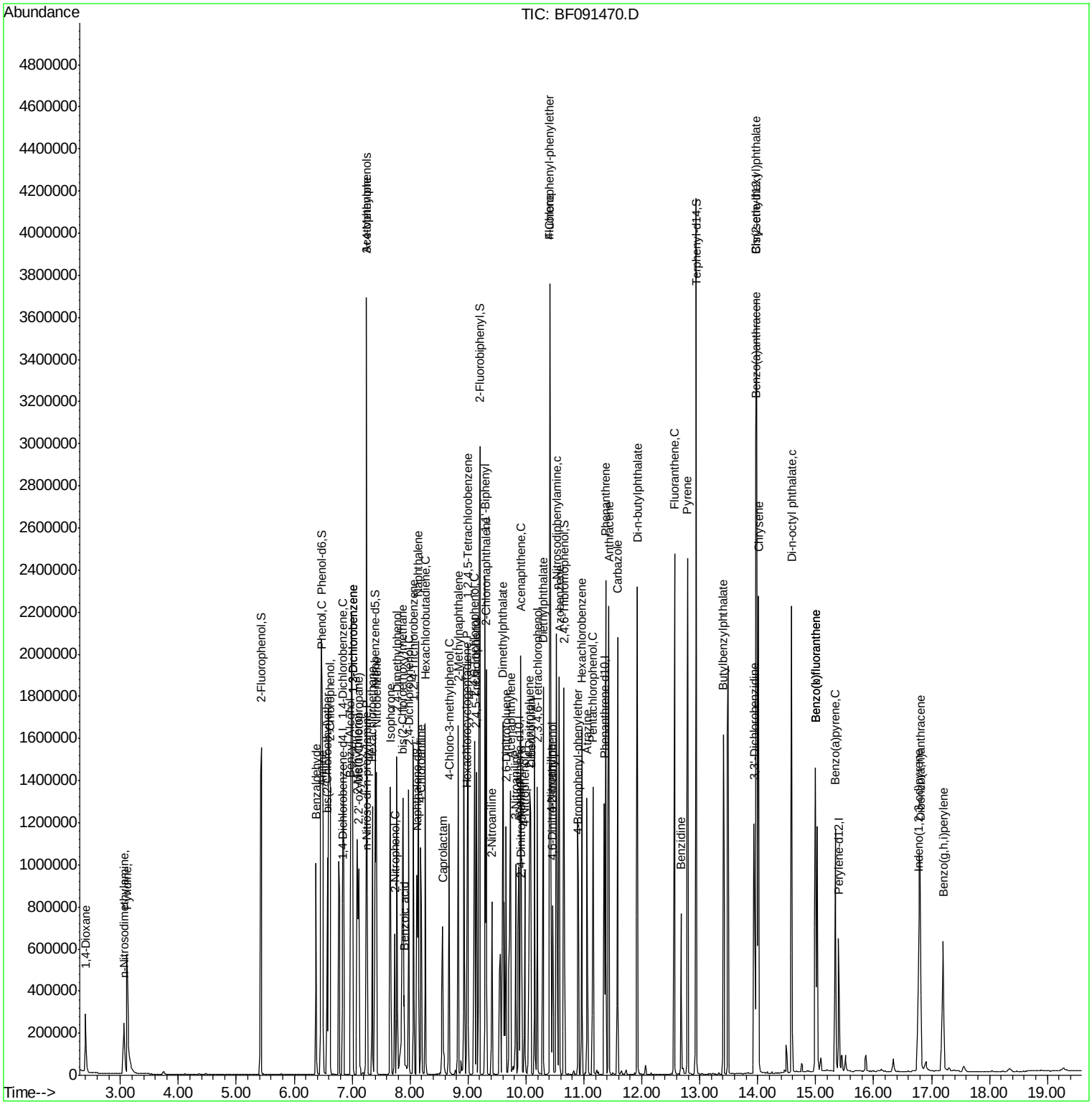
(#) = qualifier out of range (m) = manual integration (+) = signals summed

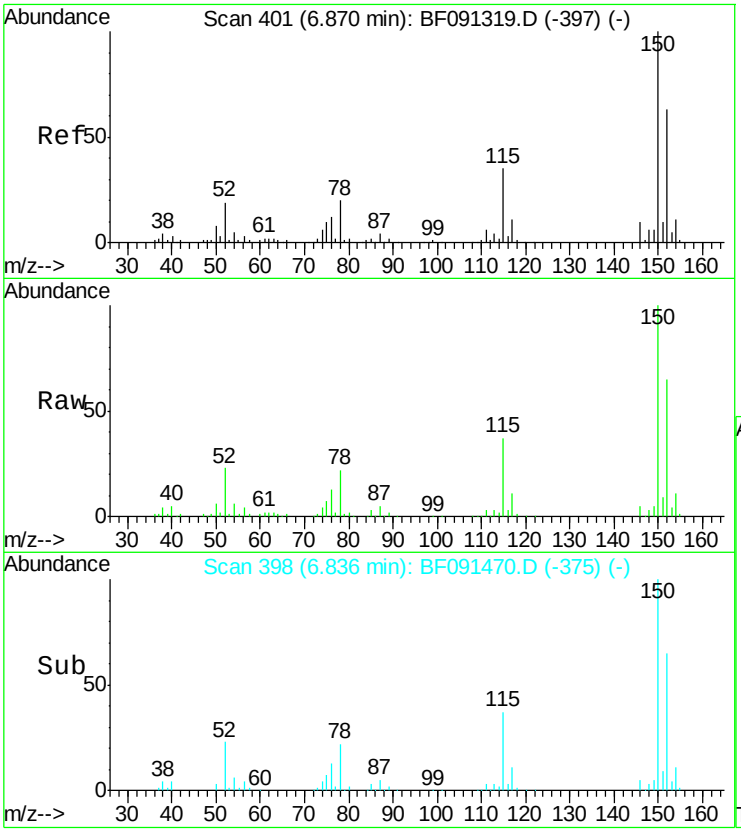
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091470.D
Acq On : 7 Dec 2016 15:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Dec 08 00:21:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration



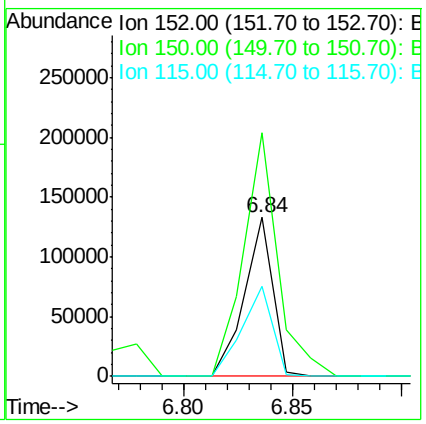


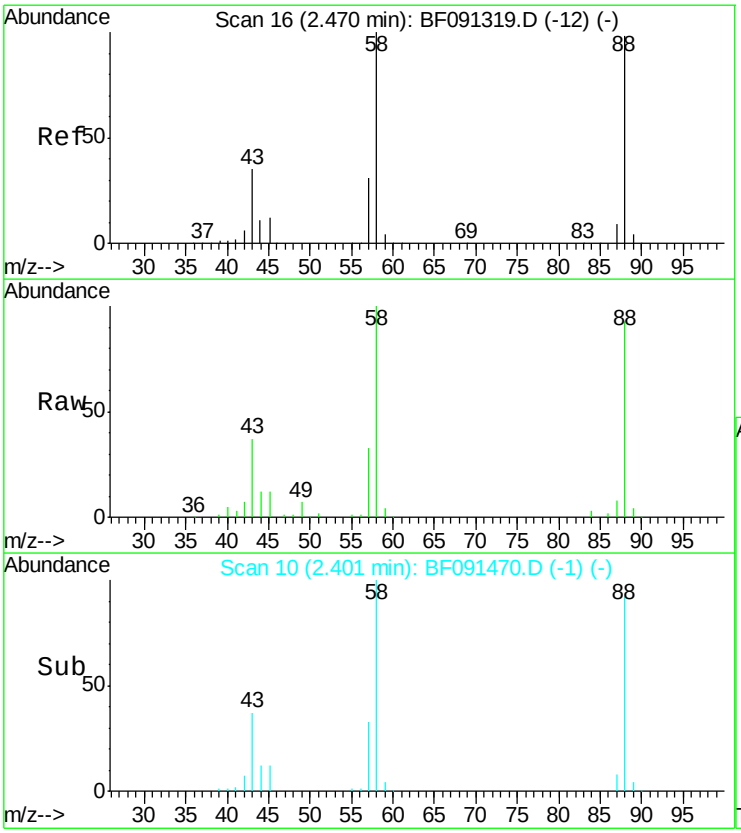

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:152 Resp: 120278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.5 | 122.5 | 183.7 |
| 115 | 56.7 | 51.8 | 77.8 |

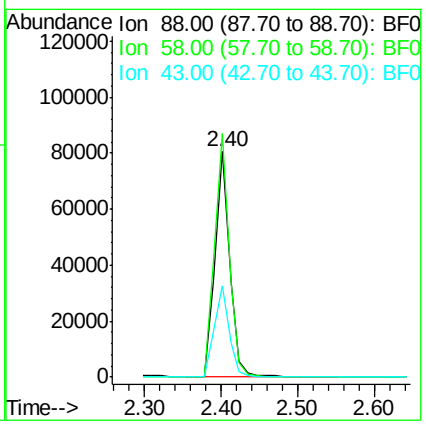


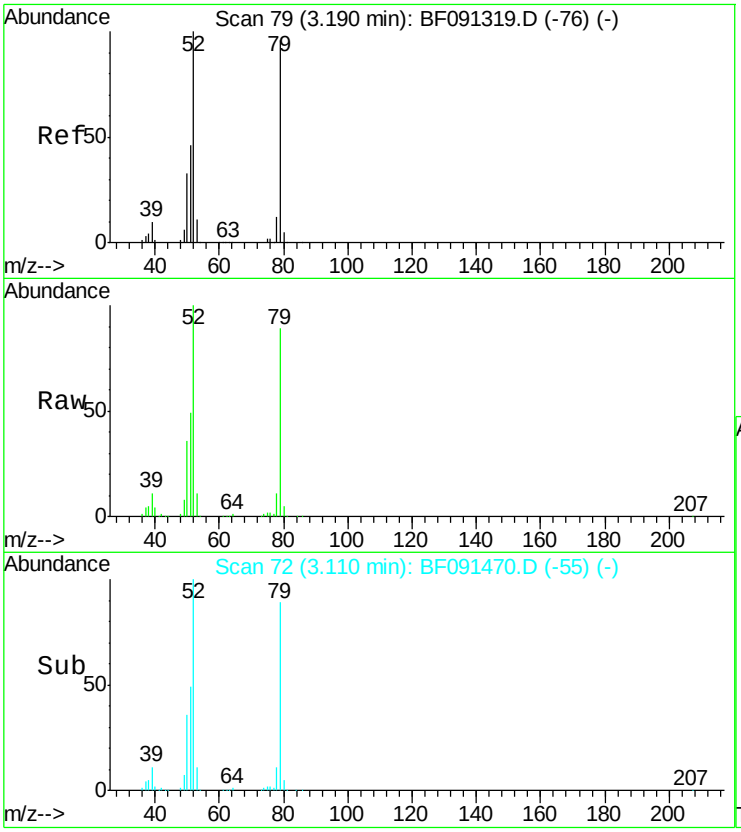




#2
1,4-Dioxane
Concen: 32.62 ng
RT: 2.40 min Scan# 10
Delta R.T. -0.10 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion: 88 Resp: 108659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 105.8 | 70.3 | 105.5# |
| 43 | 40.2 | 31.3 | 46.9 |



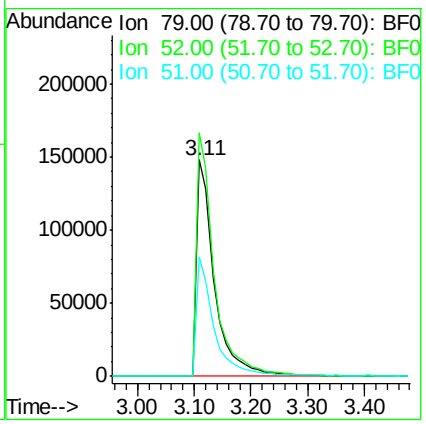


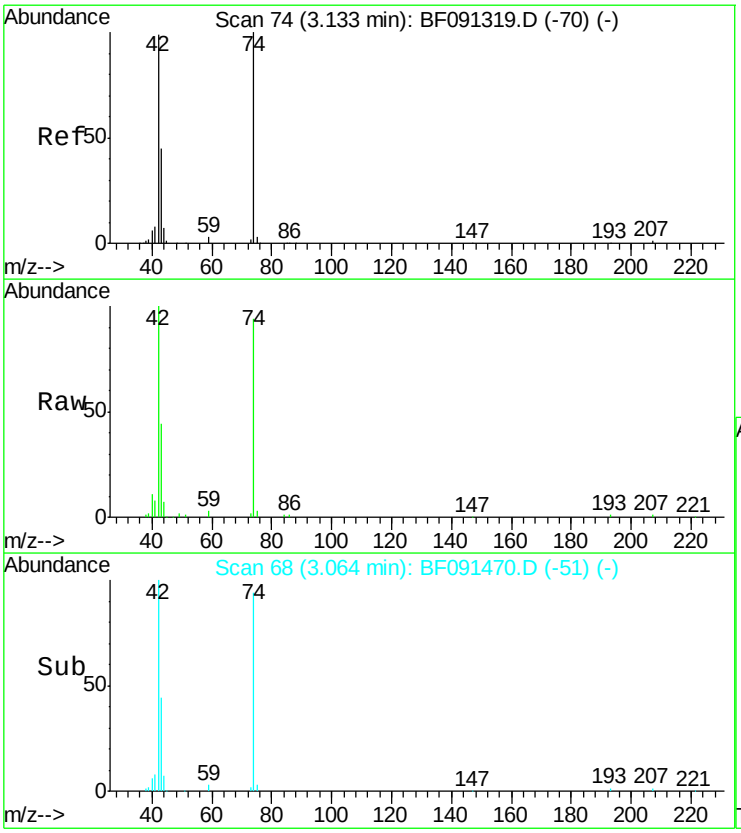

#3
Pyridine
Concen: 33.68 ng
RT: 3.11 min Scan# 72
Delta R.T. -0.11 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 317462

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 112.6 | 71.0 | 106.4# |
| 51 | 55.5 | 37.0 | 55.4# |

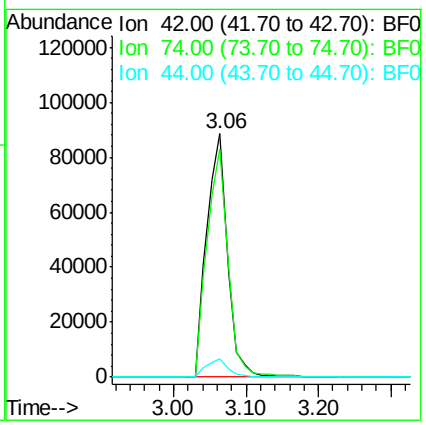


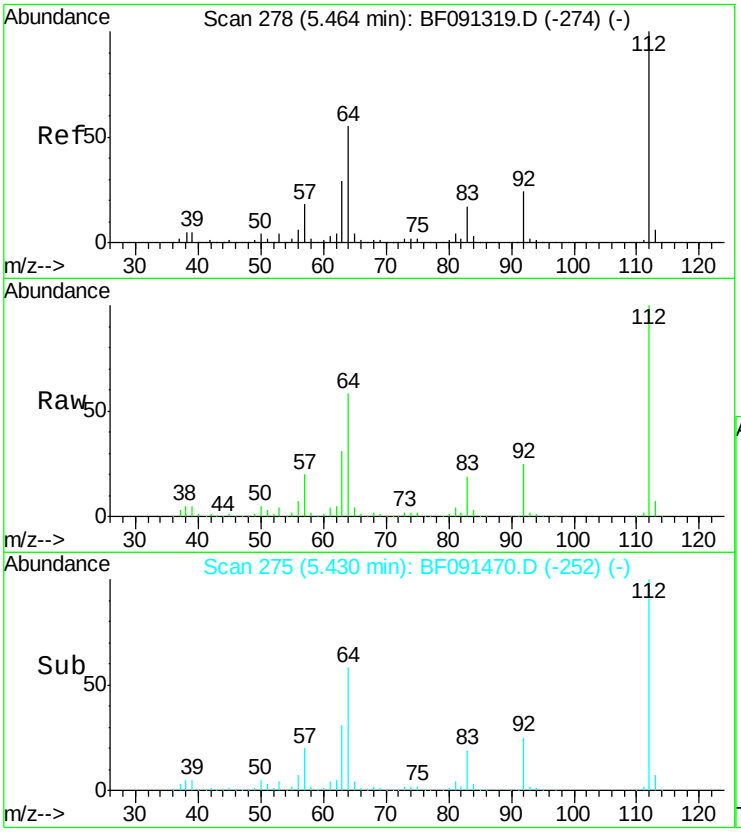




#4
n-Nitrosodimethylamine
Concen: 35.76 ng
RT: 3.06 min Scan# 68
Delta R.T. -0.11 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion: 42 Resp: 176863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 93.9 | 78.9 | 118.3 |
| 44 | 7.4 | 5.8 | 8.6 |



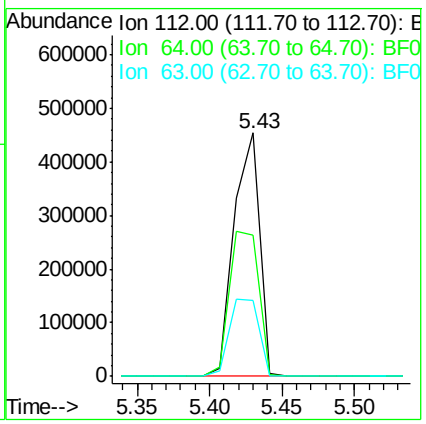


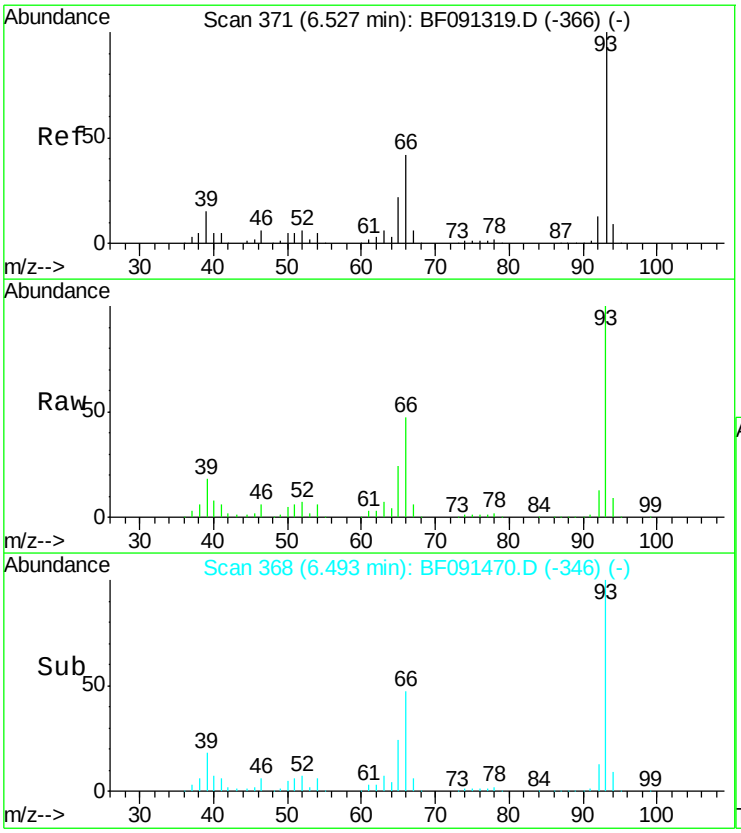

#5
2-Fluorophenol
Concen: 75.23 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:112 Resp: 553925

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.2 | 61.5 | 92.3# |
| 63 | 31.4 | 33.3 | 49.9# |

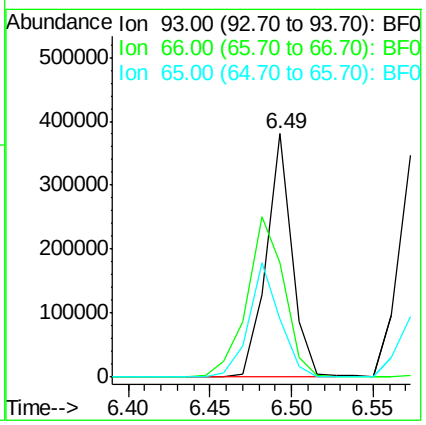


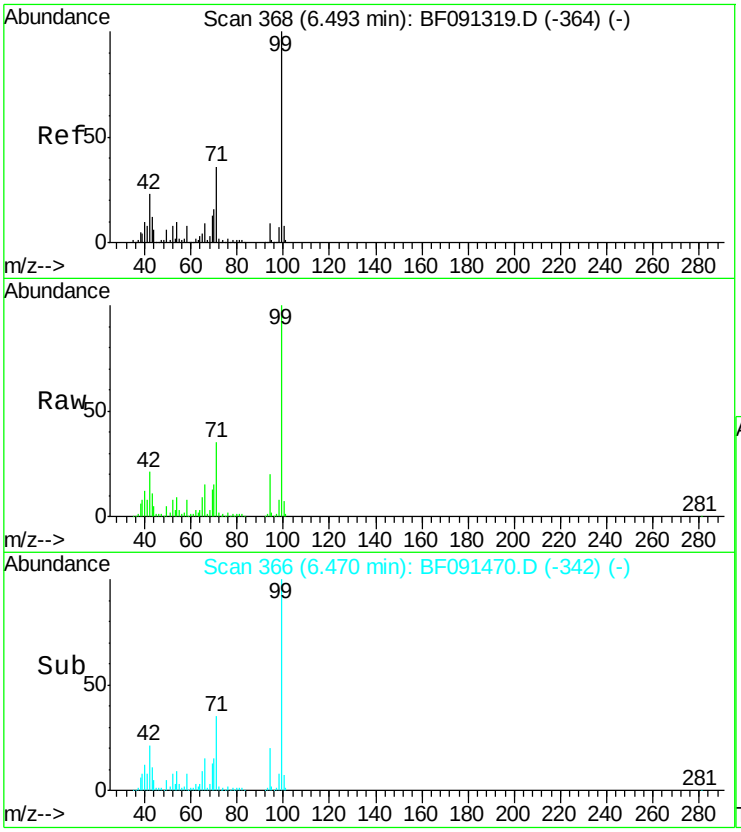




#6
Aniline
Concen: 34.60 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion: 93 Resp: 416603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 47.1 | 55.8 | 83.6# |
| 65 | 24.1 | 29.9 | 44.9# |



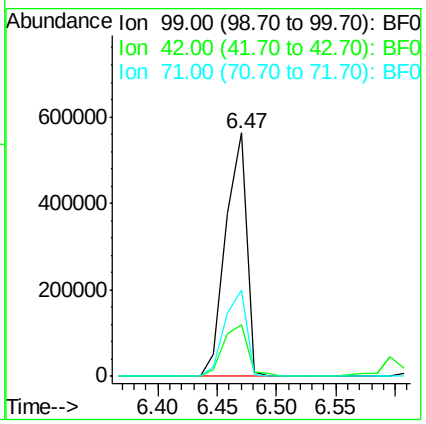


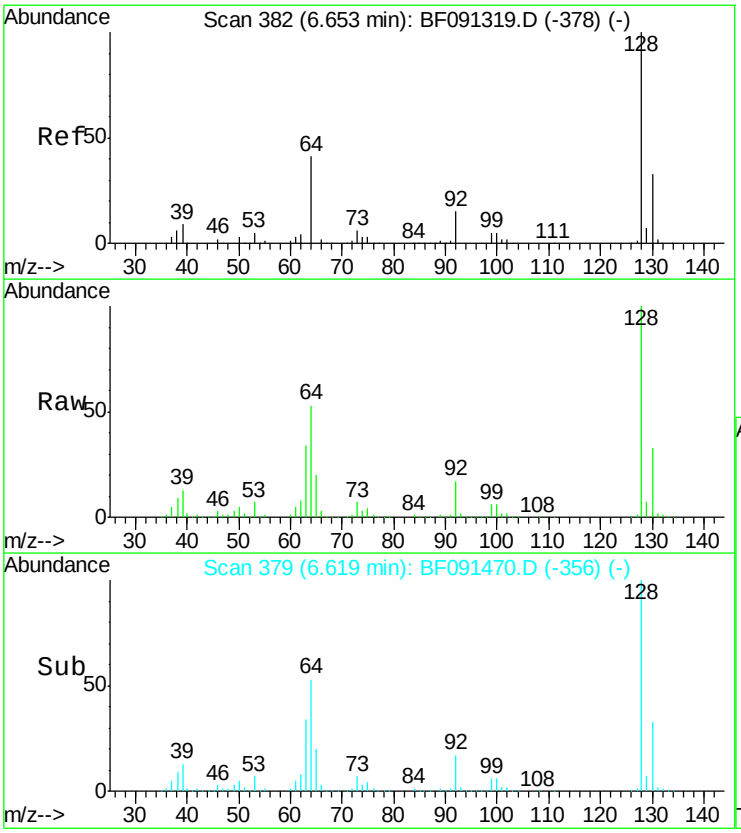

#7
Phenol-d6
Concen: 75.88 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.03 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 99 Resp: 687730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.3 | 20.6 | 31.0 |
| 71 | 35.4 | 29.9 | 44.9 |

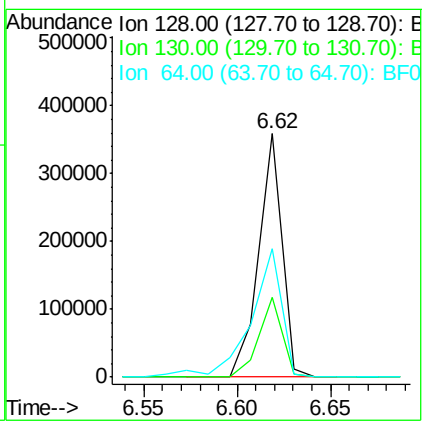


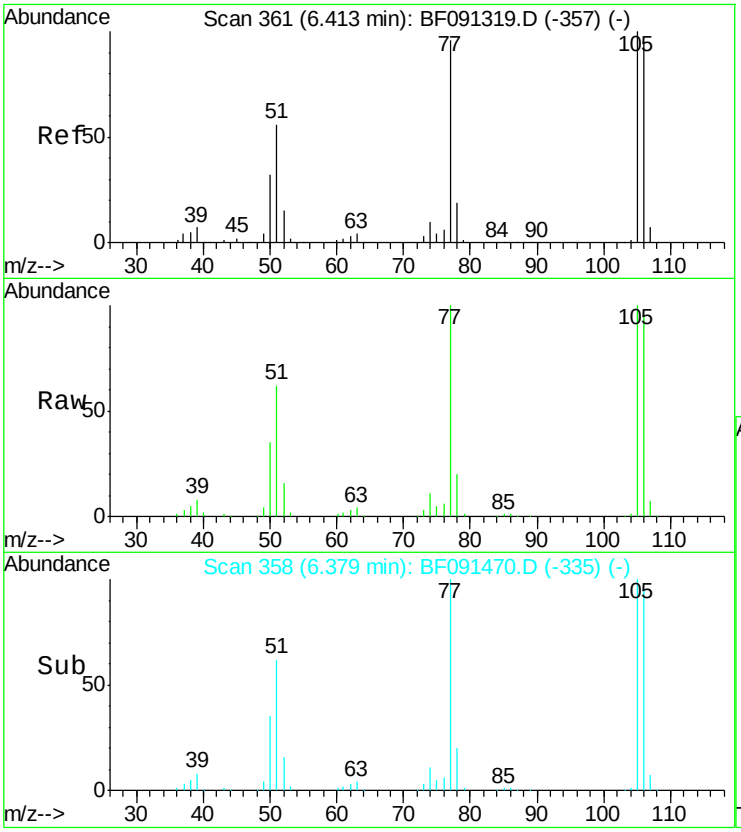




#8
2-Chlorophenol
Concen: 38.36 ng
RT: 6.62 min Scan# 379
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:128 Resp: 309674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.8 | 13.1 | 53.1 |
| 64 | 53.0 | 24.1 | 64.1 |



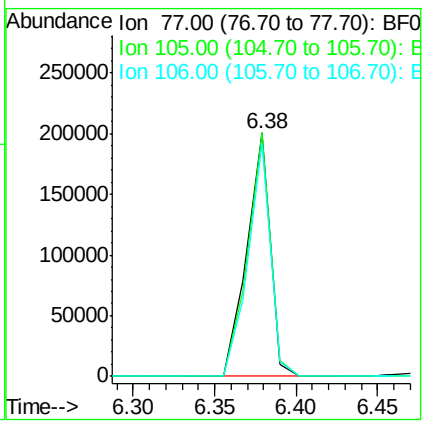


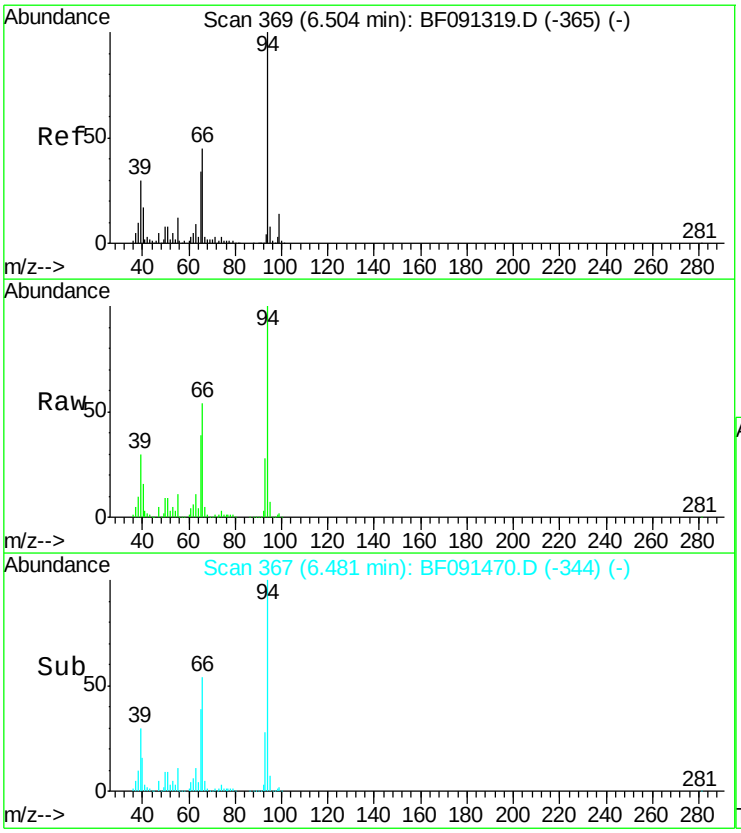

#9
Benzaldehyde
Concen:  34.16 ng
RT: 6.38 min  Scan# 358
Delta R.T.  -0.04 min
Lab File:  BF091470.D
Acq:  7 Dec 2016  15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 77 Resp:  199070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.9 | 66.4 | 106.4 |
| 106 | 95.7 | 60.9 | 100.9 |

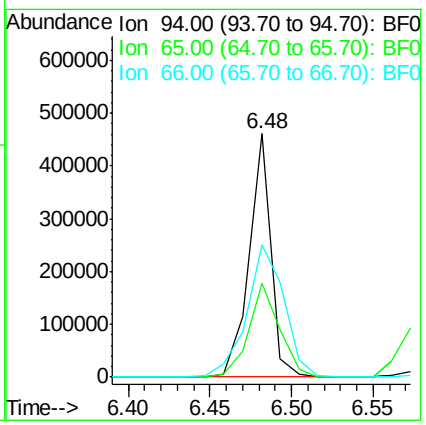


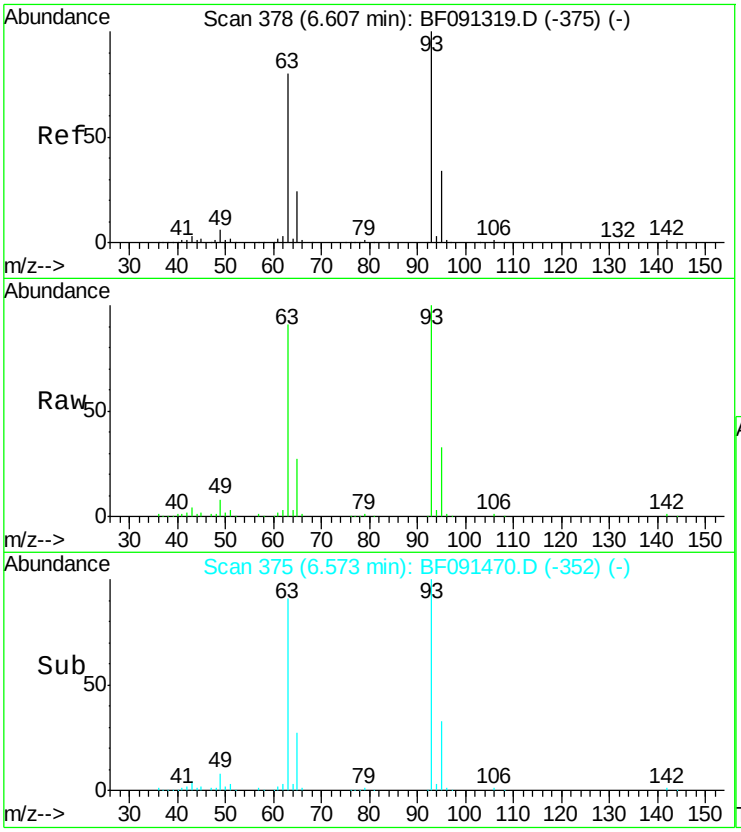




#10
Phenol
Concen:  40.05 ng
RT: 6.48 min  Scan# 367
Delta R.T.  -0.04 min
Lab File:  BF091470.D
Acq:  7 Dec 2016  15:30

Tgt Ion: 94 Resp:  427117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 38.7 | 16.9 | 56.9 |
| 66 | 54.2 | 30.6 | 70.6 |



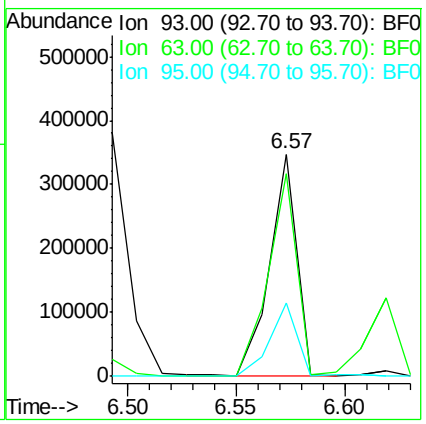


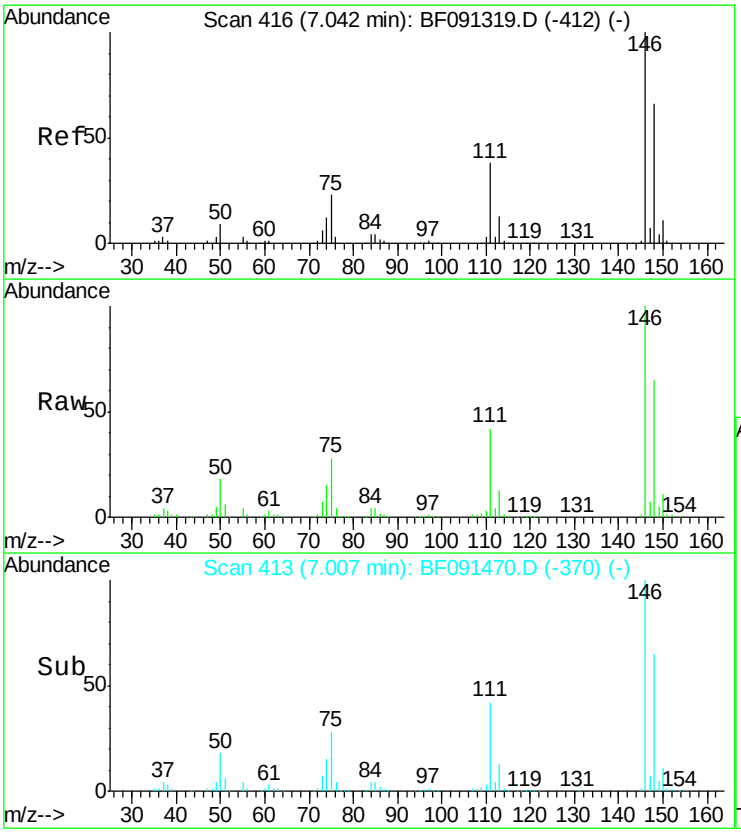

#11
bis(2-Chloroethyl)ether
Concen: 40.25 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 93 Resp: 306683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 91.1 | 74.8 | 114.8 |
| 95 | 33.1 | 12.4 | 52.4 |

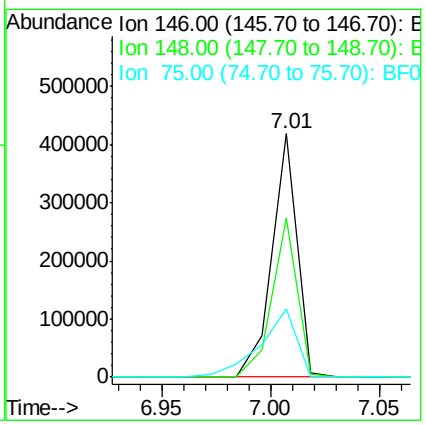


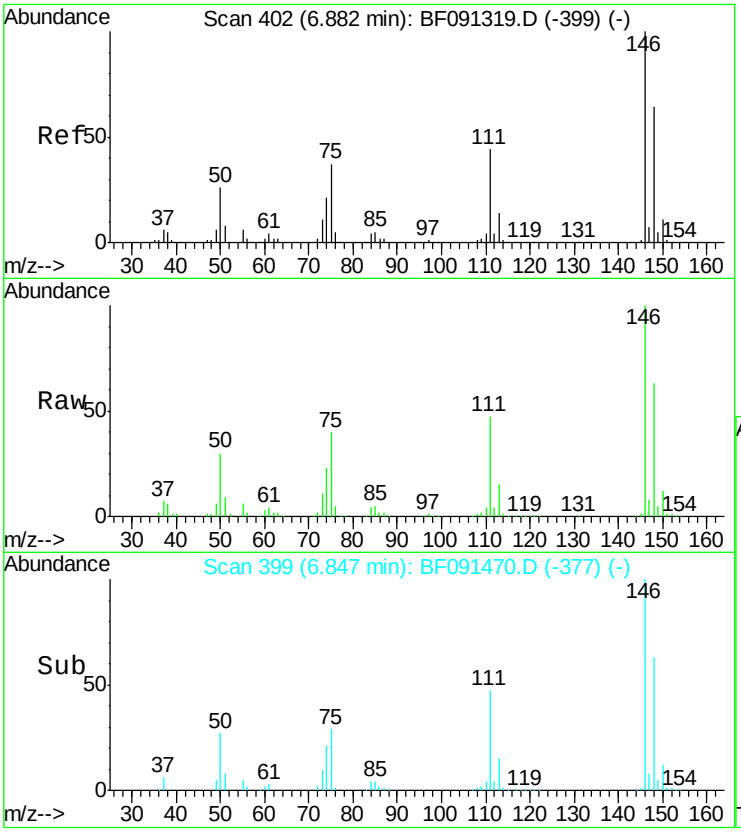




#12
1,3-Dichlorobenzene
Concen: 37.98 ng
RT: 7.01 min Scan# 413
Delta R.T. 0.19 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:146 Resp: 341045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 51.4 | 77.0 |
| 75 | 28.3 | 23.6 | 35.4 |



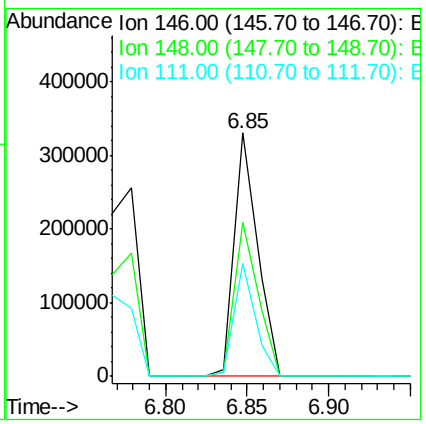


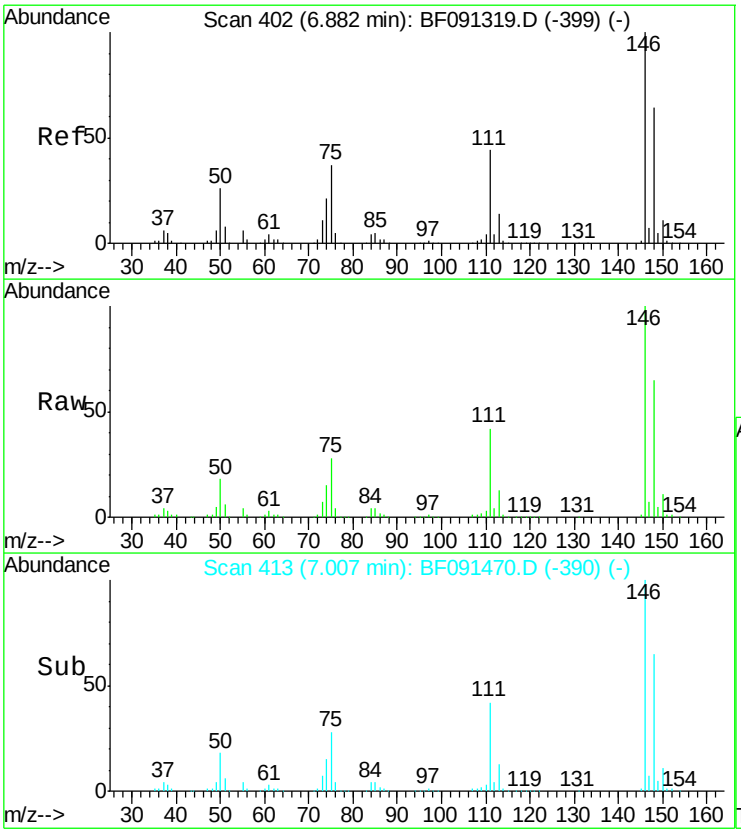

#13
1,4-Dichlorobenzene
Concen: 36.45 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:146 Resp: 325567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.4 | 51.4 | 77.0 |
| 111 | 46.7 | 32.2 | 48.2 |

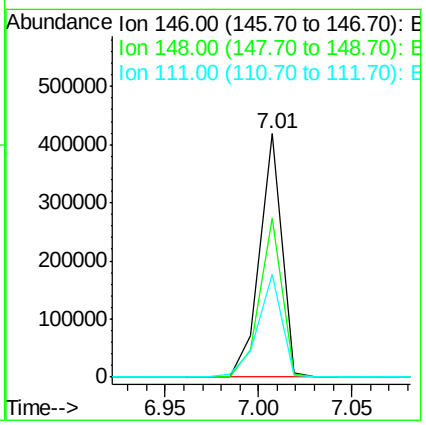


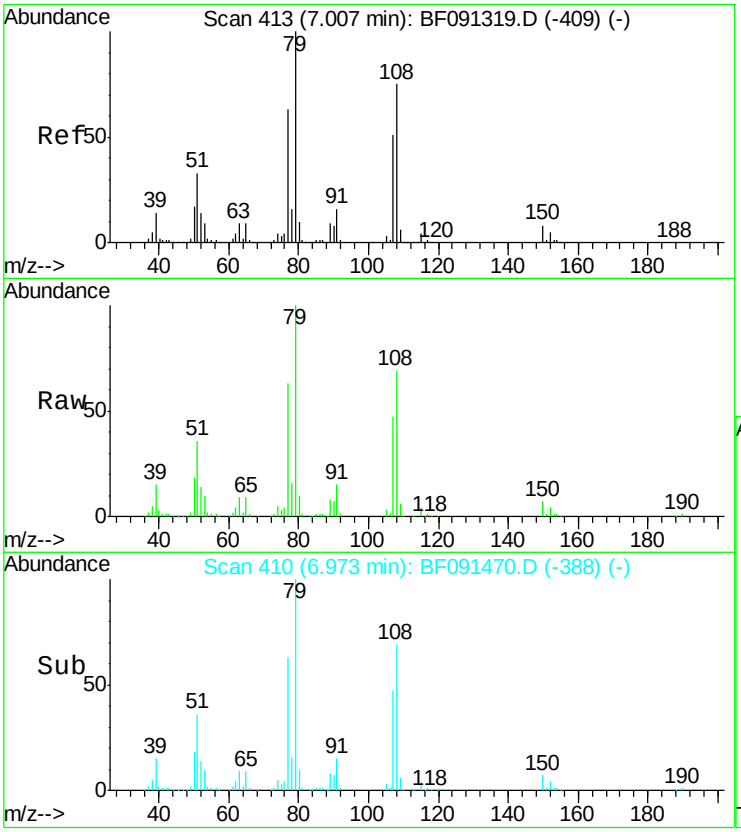




#14
1,2-Dichlorobenzene
Concen: 40.99 ng
RT: 7.01 min Scan# 413
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:146 Resp: 341057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 51.0 | 76.6 |
| 111 | 42.0 | 38.9 | 58.3 |



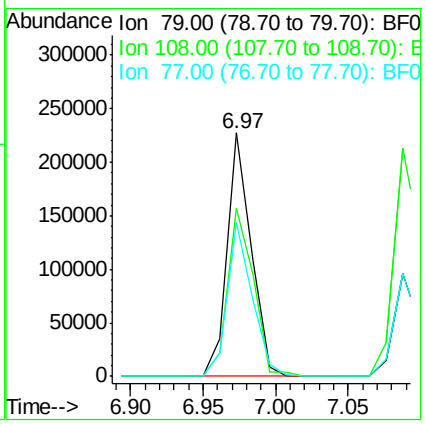


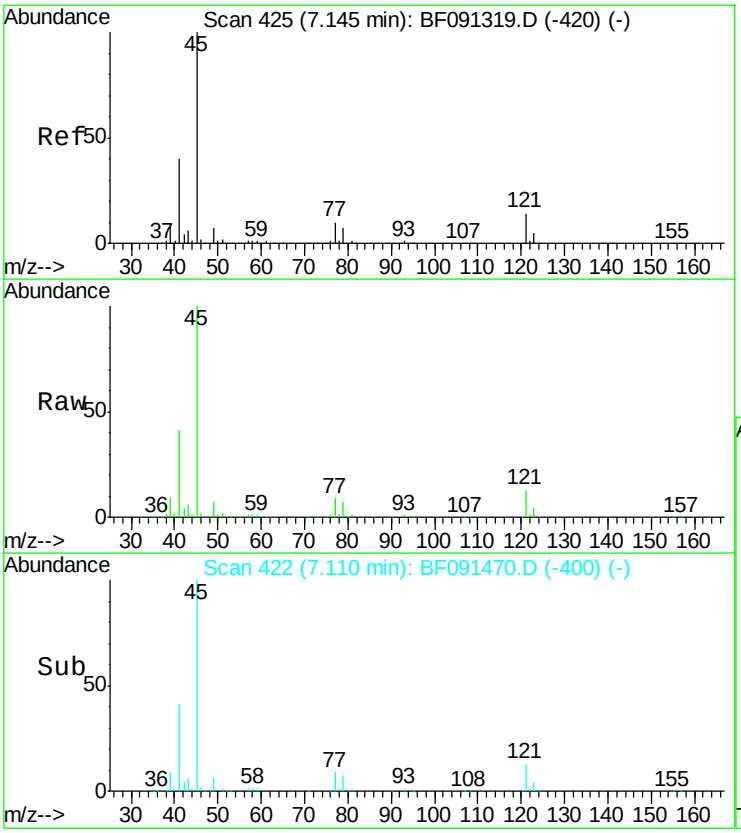

#15
Benzyl Alcohol
Concen: 36.08 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 79 Resp: 261670

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 69.1 | 62.7 | 94.1 |
| 77 | 63.1 | 51.7 | 77.5 |

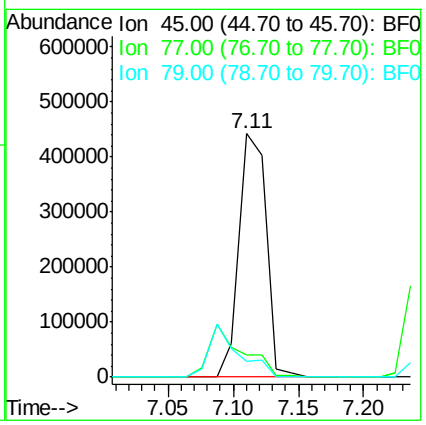


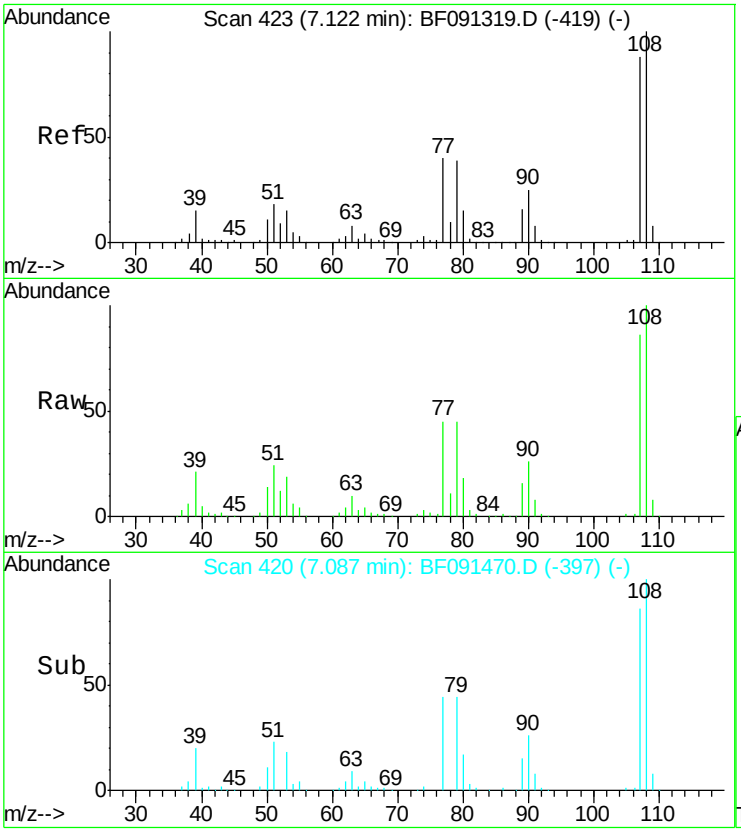




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.96 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion: 45 Resp: 638380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 9.3 | 3.8 | 43.8 |
| 79 | 6.7 | 0.2 | 40.2 |



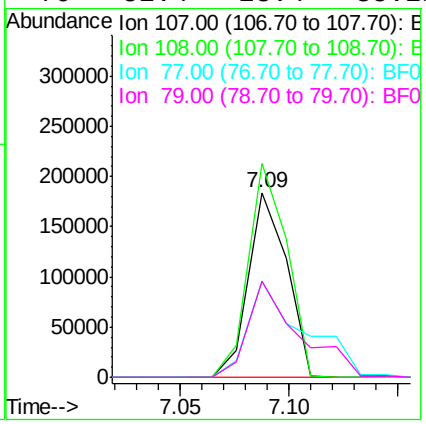


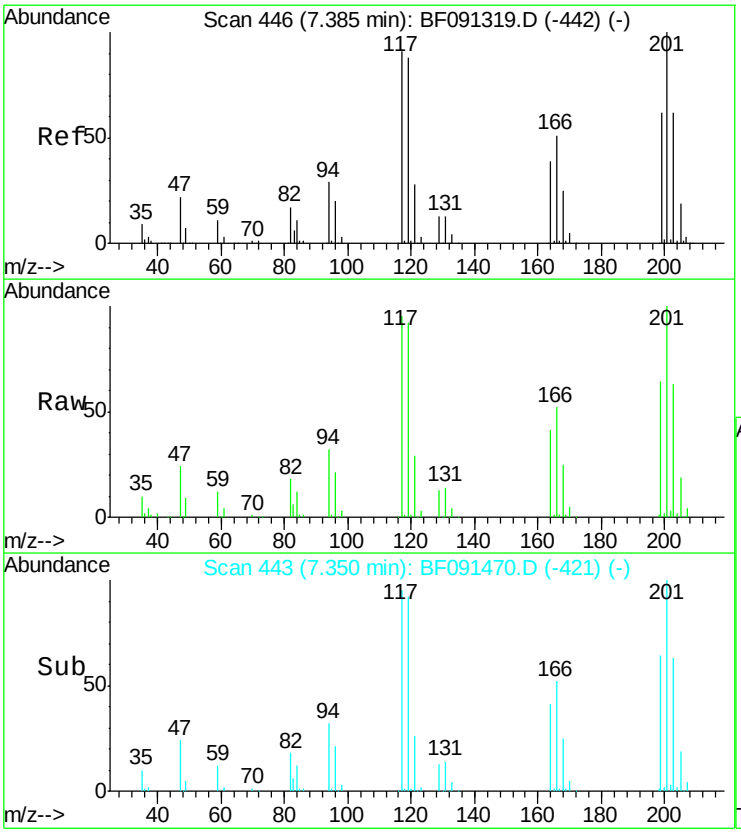

#17
2-Methylphenol
Concen: 35.47 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:107 Resp: 226344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 115.8 | 67.7 | 101.5# |
| 77 | 52.4 | 40.7 | 61.1 |
| 79 | 52.4 | 23.4 | 35.2# |

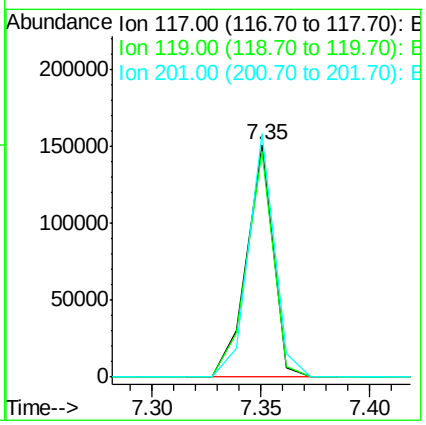


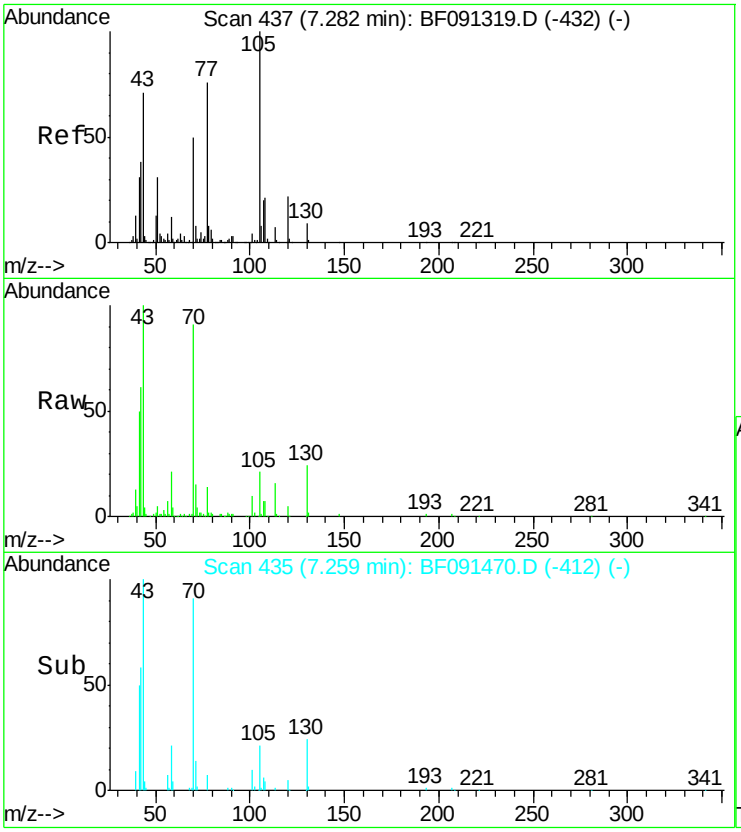




#18
Hexachloroethane
Concen: 40.51 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:117 Resp: 128486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.9 | 78.6 | 118.0 |
| 201 | 104.8 | 86.7 | 130.1 |



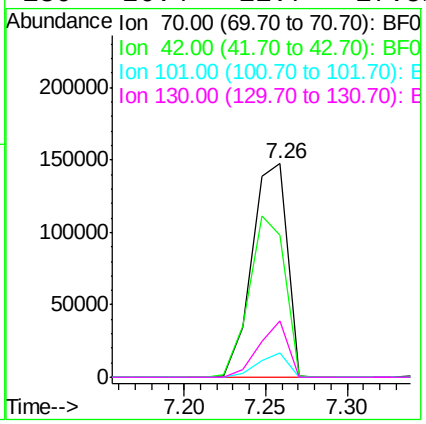


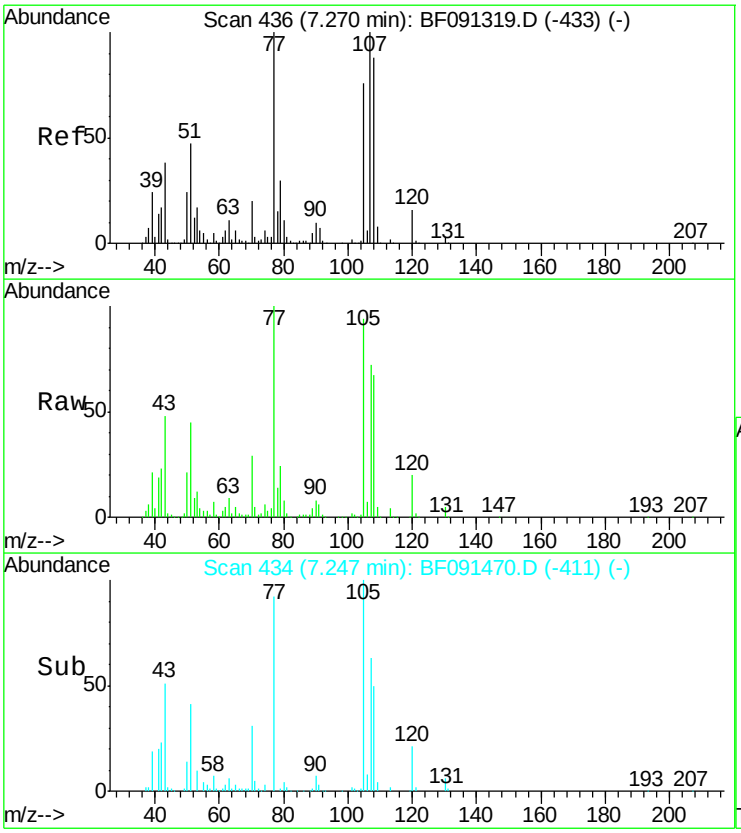

#19
n-Nitroso-di-n-propylamine
Concen: 38.82 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 70 Resp: 221652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 66.8 | 64.8 | 97.2 |
| 101 | 11.2 | 6.2 | 9.4# |
| 130 | 26.4 | 11.7 | 17.5# |

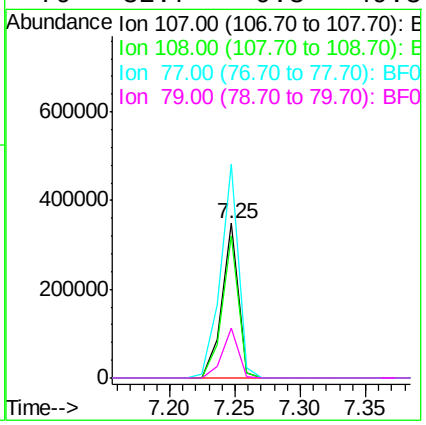


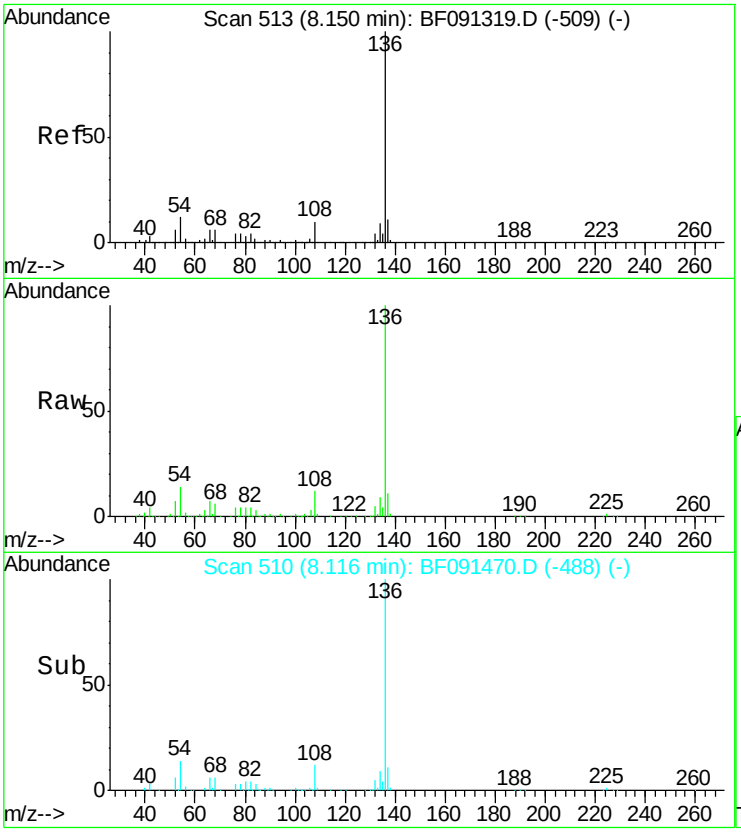




#20
3+4-Methylphenols
Concen: 39.54 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:107 Resp: 308005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 92.1 | 64.6 | 104.6 |
| 77 | 138.3 | 30.9 | 70.9# |
| 79 | 32.7 | 9.3 | 49.3 |



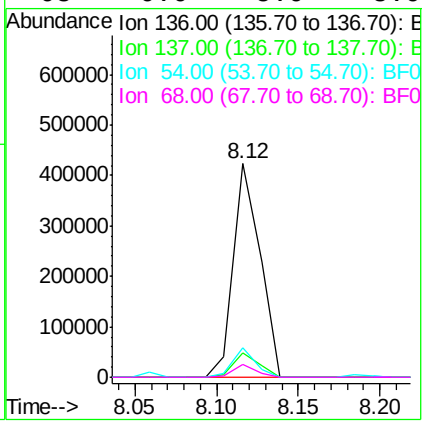


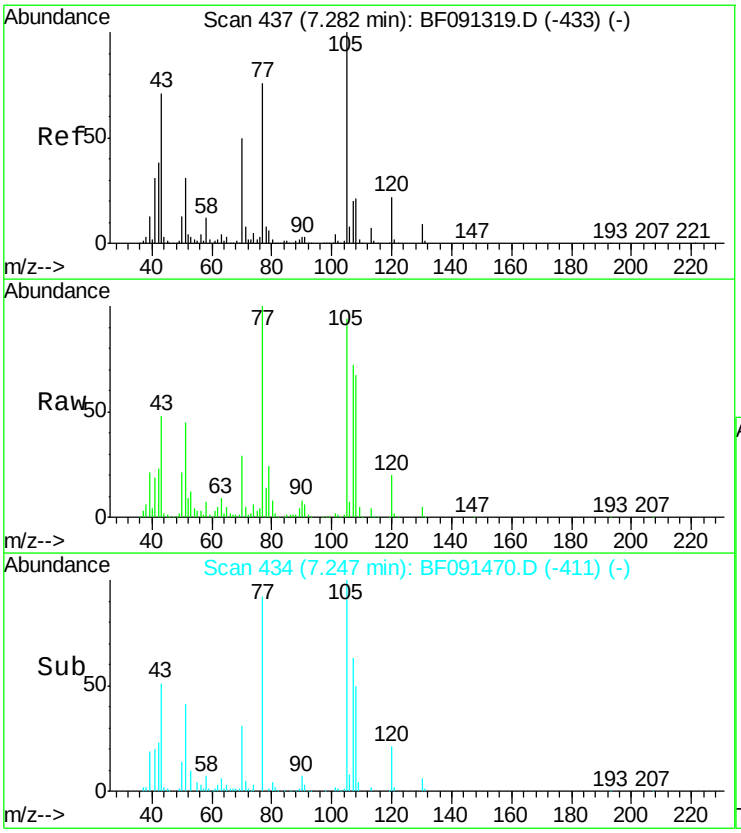

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:136 Resp: 476405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.1 | 13.7 |
| 54 | 13.9 | 9.1 | 13.7# |
| 68 | 6.0 | 5.9 | 8.9 |

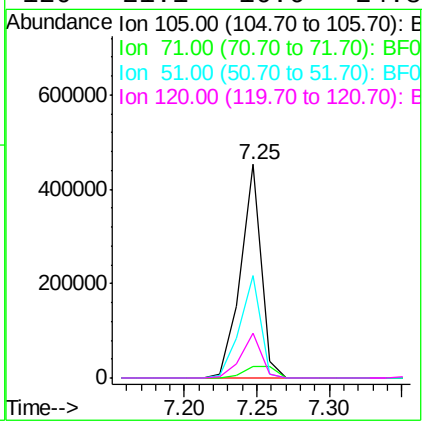


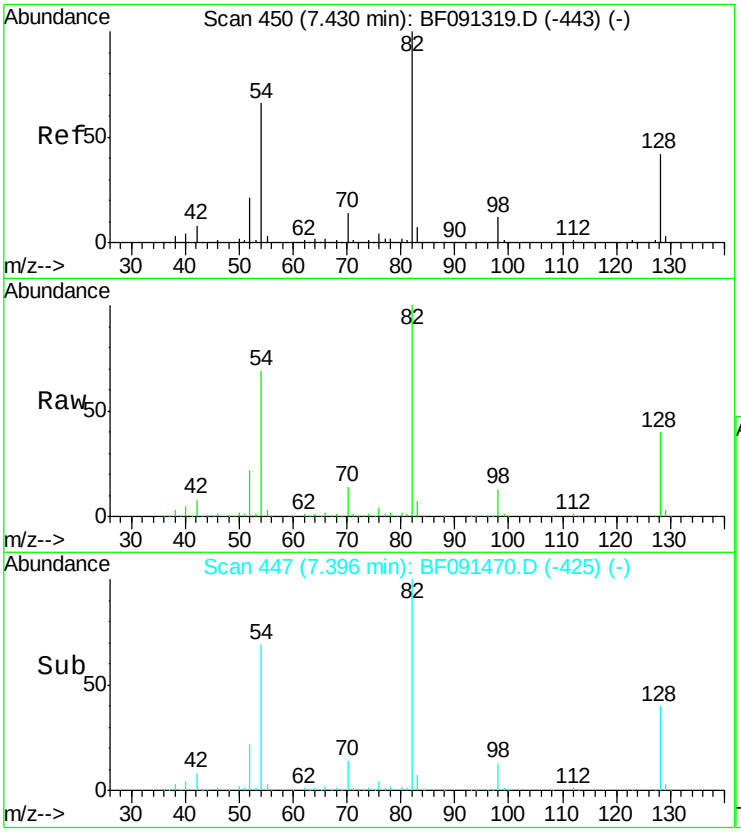




#22
Acetophenone
Concen: 39.33 ng
RT: 7.25 min Scan# 434
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:105 Resp: 444152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.2 | 7.9 | 11.9# |
| 51 | 47.7 | 24.5 | 36.7# |
| 120 | 21.1 | 16.6 | 24.8 |



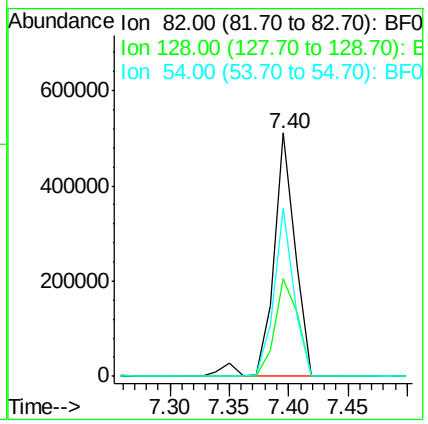


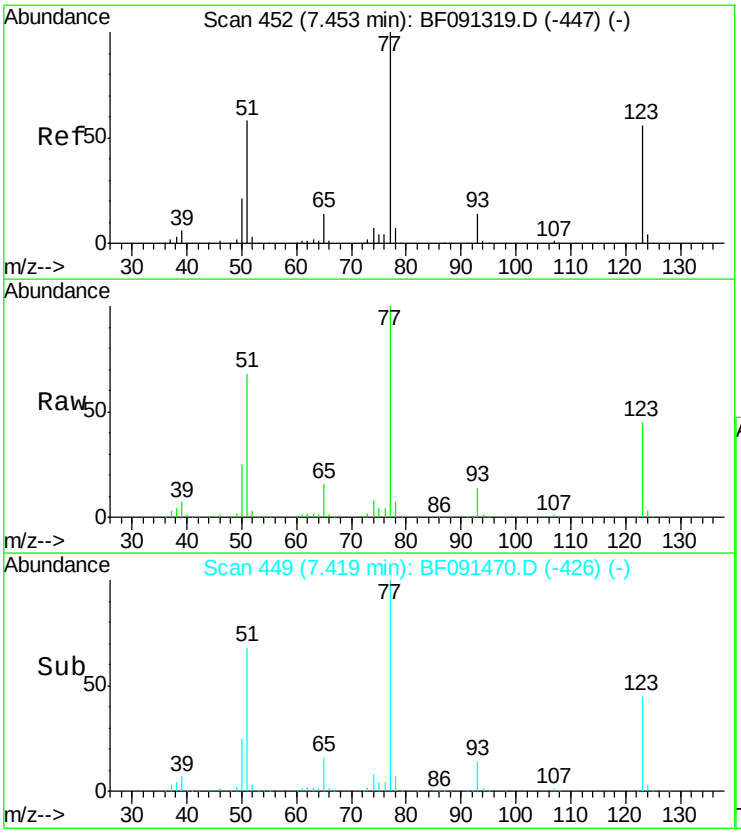

#23
Nitrobenzene-d5
Concen: 75.33 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 640413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.2 | 31.8 | 47.6 |
| 54 | 68.9 | 49.1 | 73.7 |

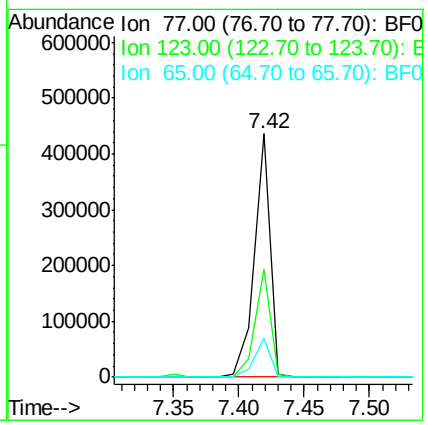


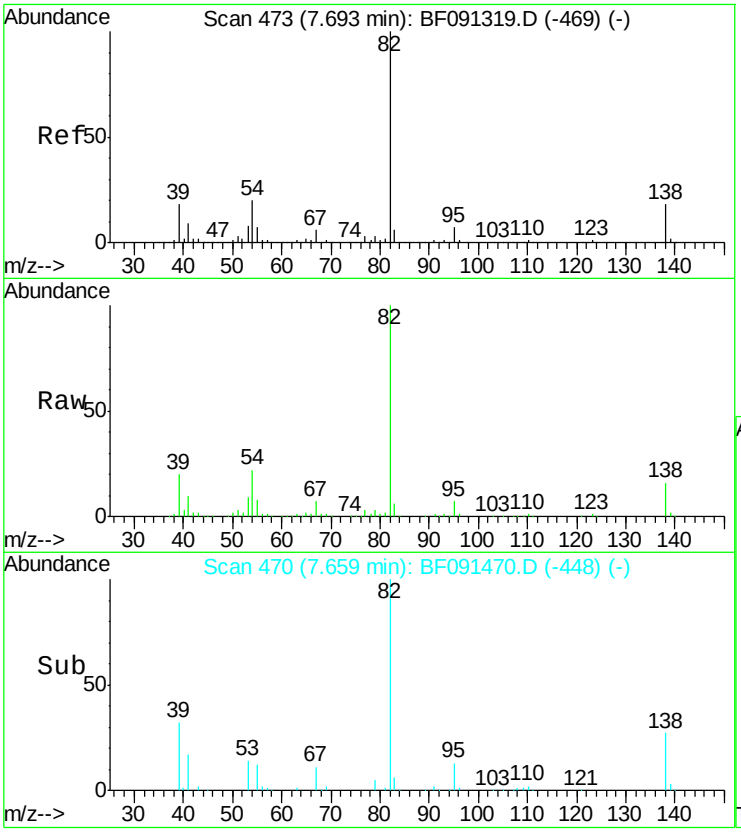




#24
Nitrobenzene
Concen: 42.39 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion: 77 Resp: 368898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.6 | 28.5 | 42.7# |
| 65 | 16.0 | 12.5 | 18.7 |



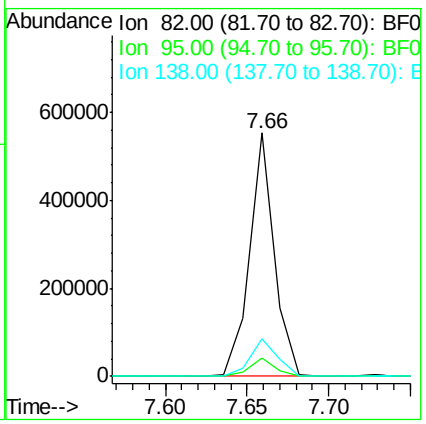


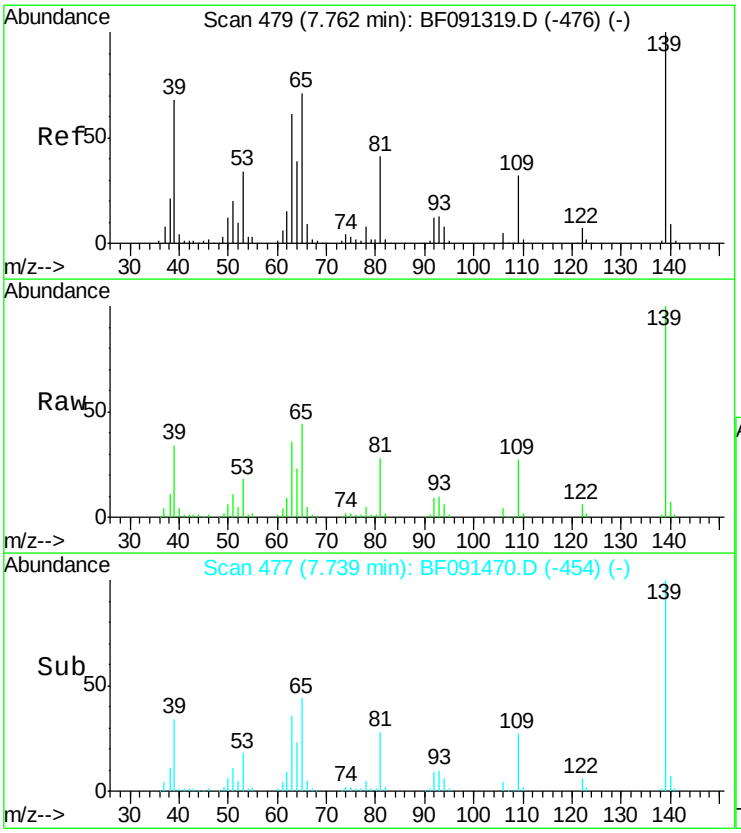

#25
Isophorone
Concen: 38.64 ng
RT: 7.66 min Scan# 470
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 82 Resp: 581995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.4 | 5.7 | 8.5 |
| 138 | 15.5 | 13.4 | 20.0 |

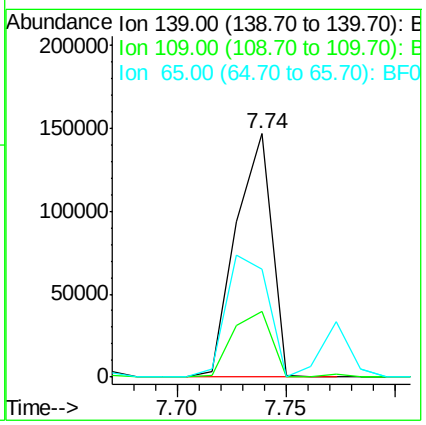


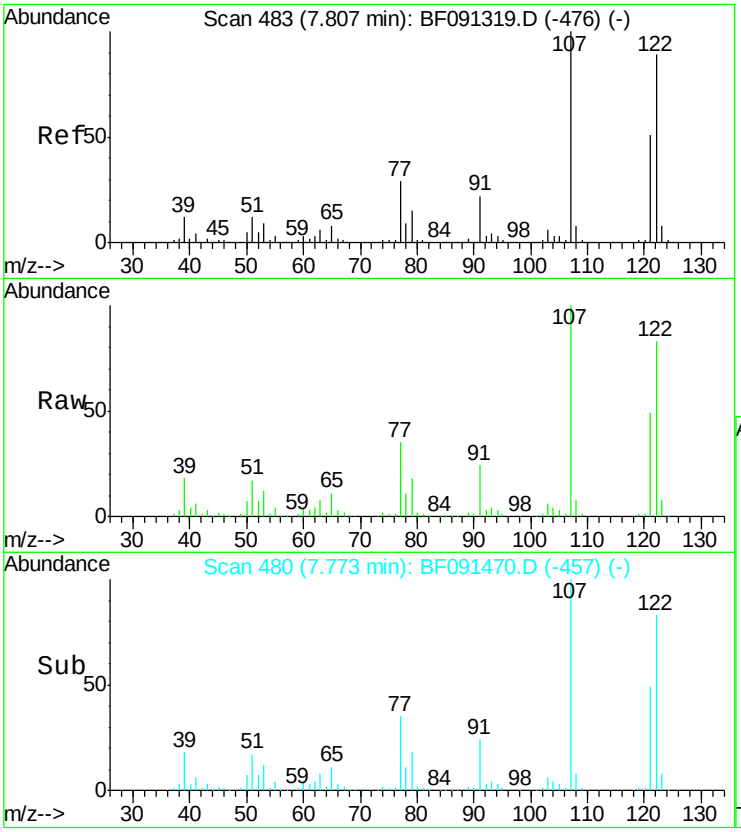




#26
2-Nitrophenol
Concen: 42.32 ng
RT: 7.74 min Scan# 477
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:139 Resp: 167841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 27.1 | 25.3 | 37.9 |
| 65 | 44.2 | 55.4 | 83.2# |



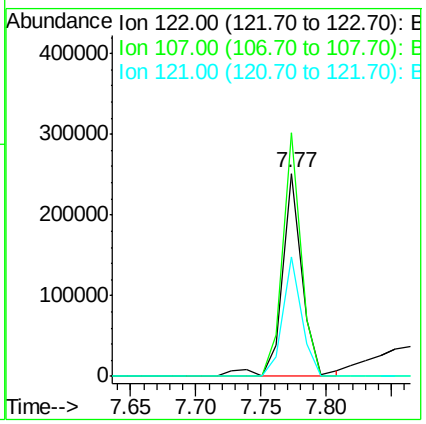


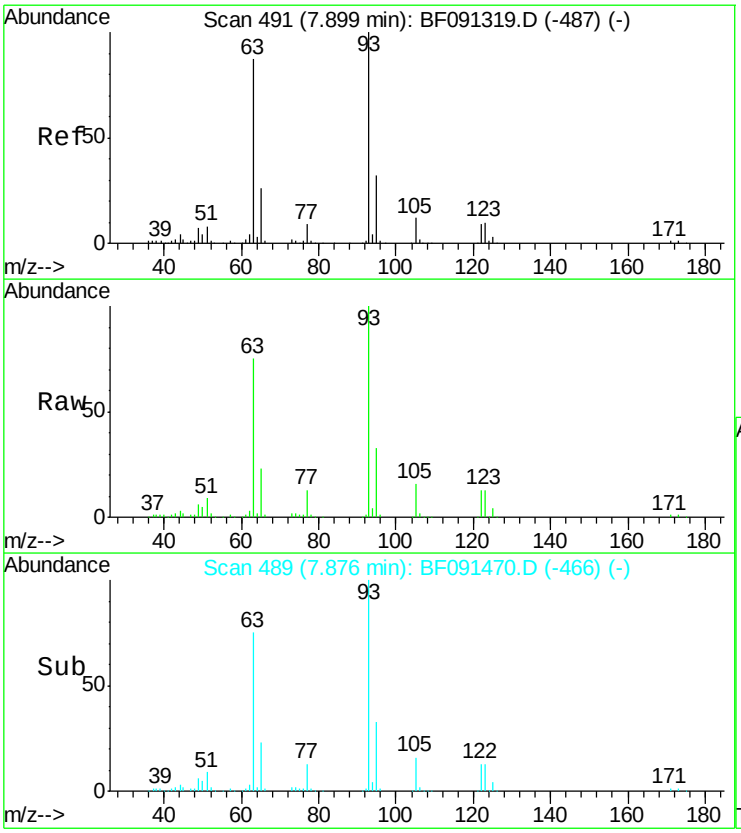

#27
2,4-Dimethylphenol
Concen: 35.78 ng
RT: 7.77 min Scan# 480
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:122 Resp: 265451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 120.0 | 96.8 | 145.2 |
| 121 | 58.8 | 47.7 | 71.5 |

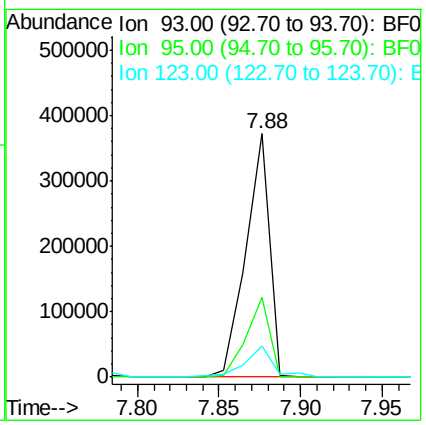


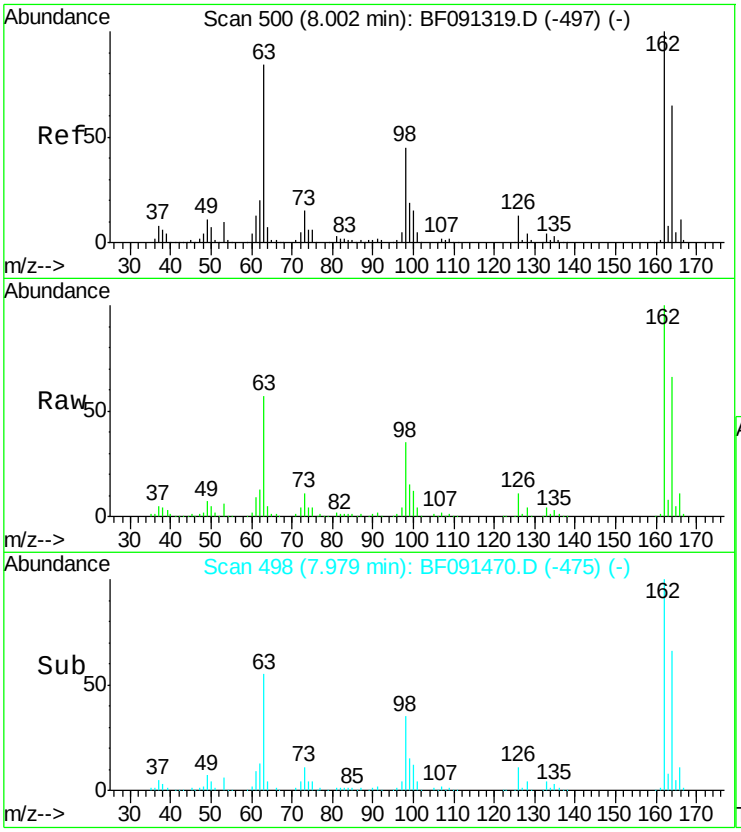




#28
bis(2-Chloroethoxy)methane
Concen: 41.22 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion: 93 Resp: 373678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.0 | 39.0 |
| 123 | 12.7 | 8.6 | 12.8 |



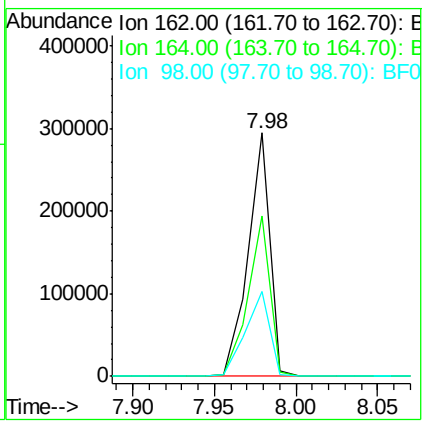


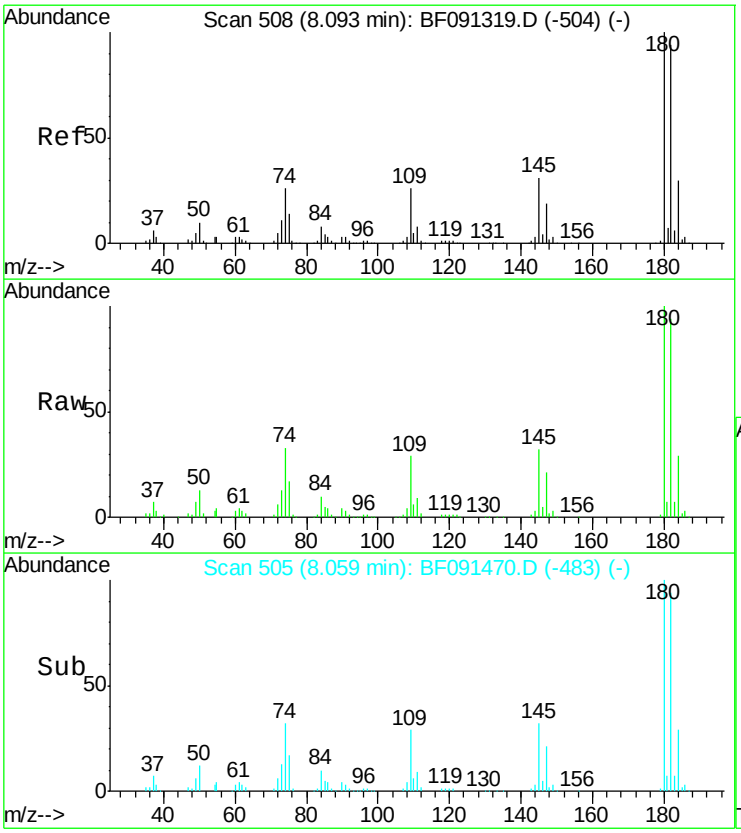

#29
2,4-Dichlorophenol
Concen: 41.94 ng
RT: 7.98 min Scan# 498
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:162 Resp: 273723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 66.0 | 45.0 | 85.0 |
| 98 | 34.9 | 21.3 | 61.3 |

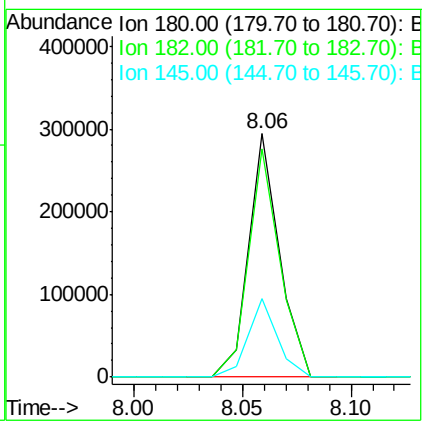


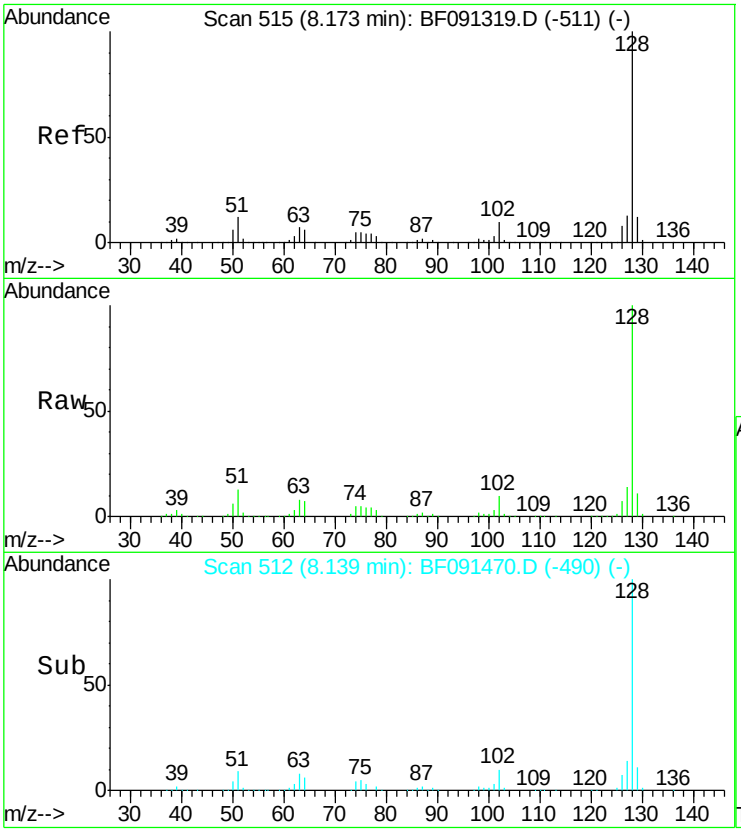




#30
1,2,4-Trichlorobenzene
Concen: 39.59 ng
RT: 8.06 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:180 Resp: 289734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 93.5 | 75.8 | 113.8 |
| 145 | 32.4 | 27.0 | 40.4 |



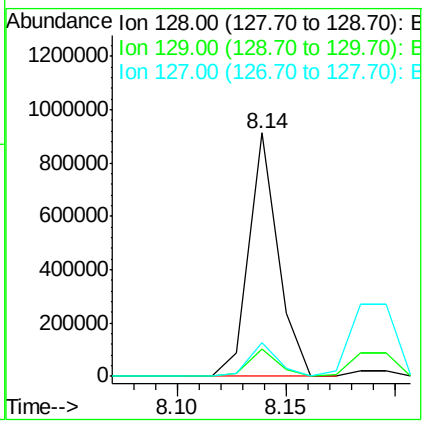


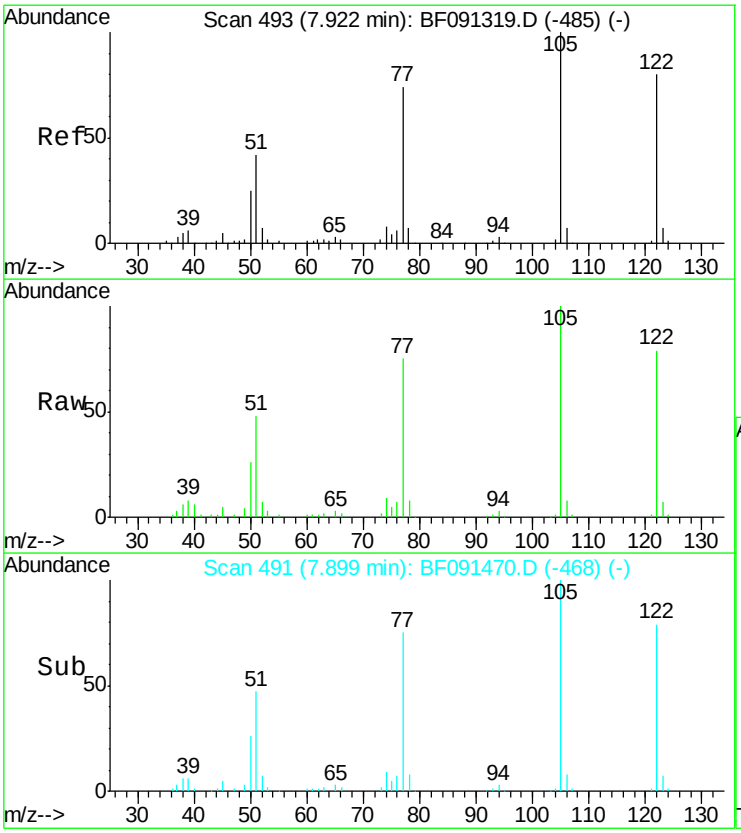

#31
Naphthalene
Concen:  37.59 ng
RT: 8.14 min  Scan# 512
Delta R.T.  -0.05 min
Lab File:  BF091470.D
Acq:  7 Dec 2016  15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:128 Resp:  851052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.1 | 13.7 |
| 127 | 13.8 | 11.0 | 16.4 |

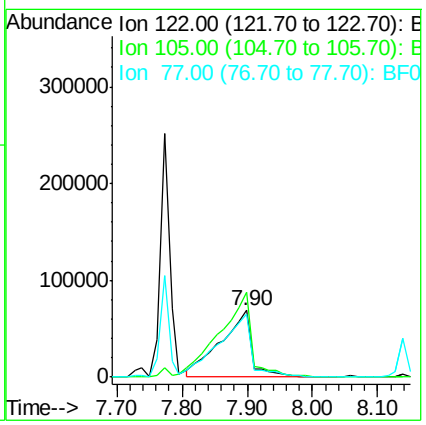


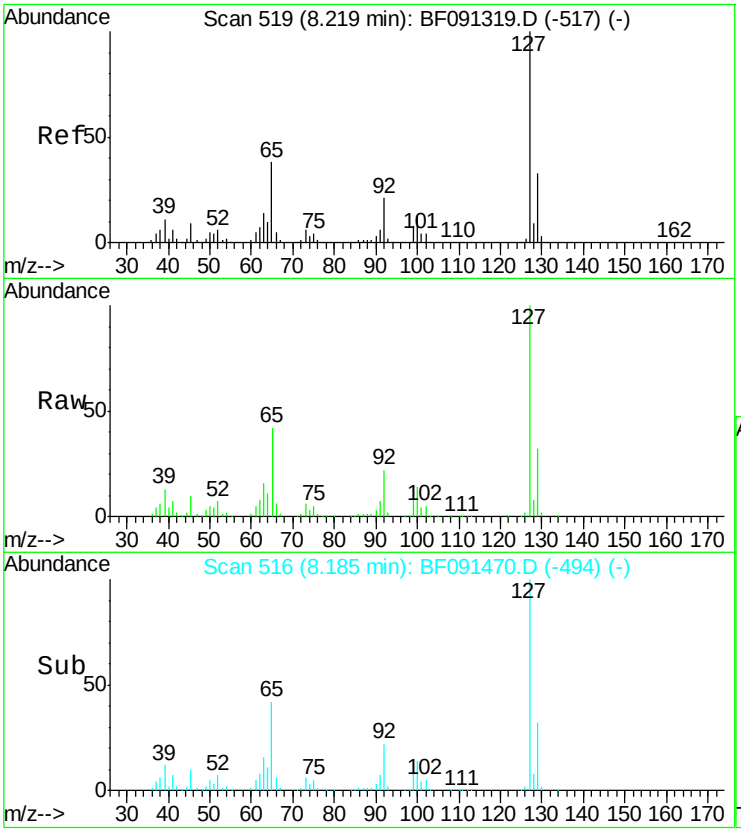




#32
Benzoic acid
Concen:  41.78 ng
RT: 7.90 min  Scan# 491
Delta R.T.  -0.04 min
Lab File:  BF091470.D
Acq:  7 Dec 2016  15:30

Tgt Ion:122 Resp:  228491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 126.3 | 113.0 | 153.0 |
| 77 | 94.7 | 82.0 | 122.0 |



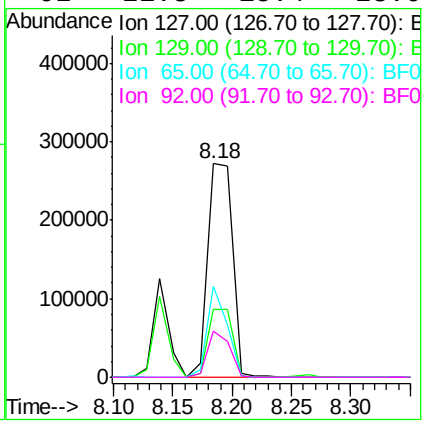


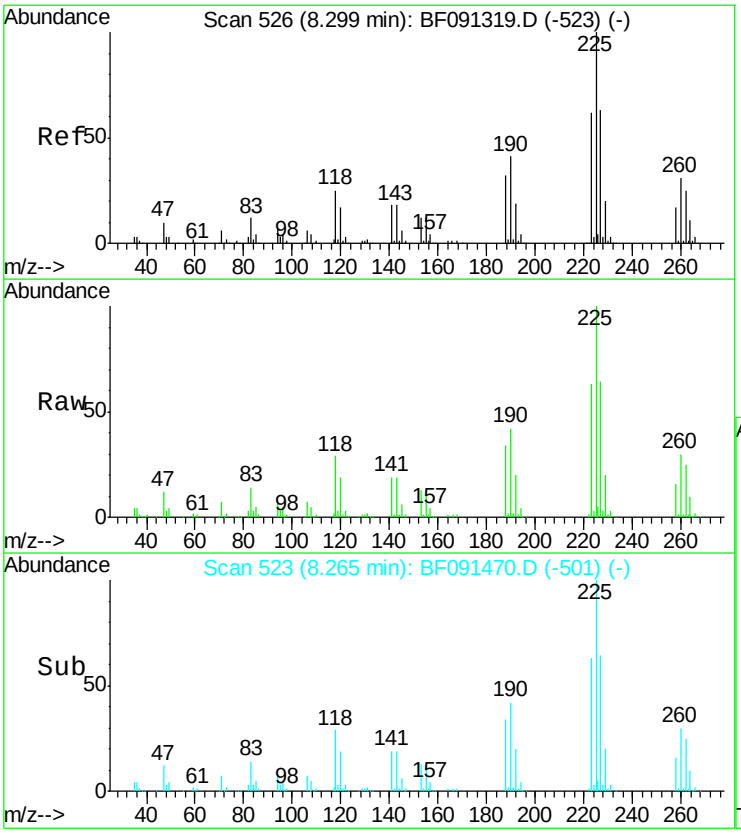

#33
4-Chloroaniline
Concen: 40.34 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:127 Resp: 390407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.0 | 26.2 | 39.4 |
| 65 | 42.5 | 26.6 | 39.8# |
| 92 | 21.8 | 15.4 | 23.0 |

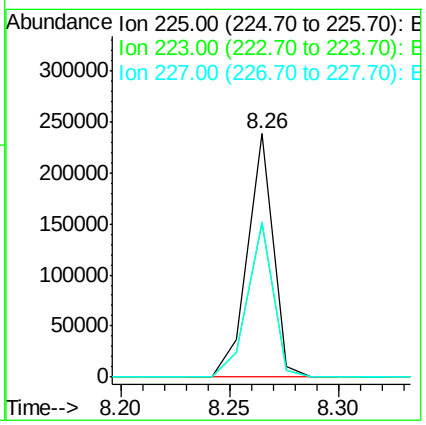


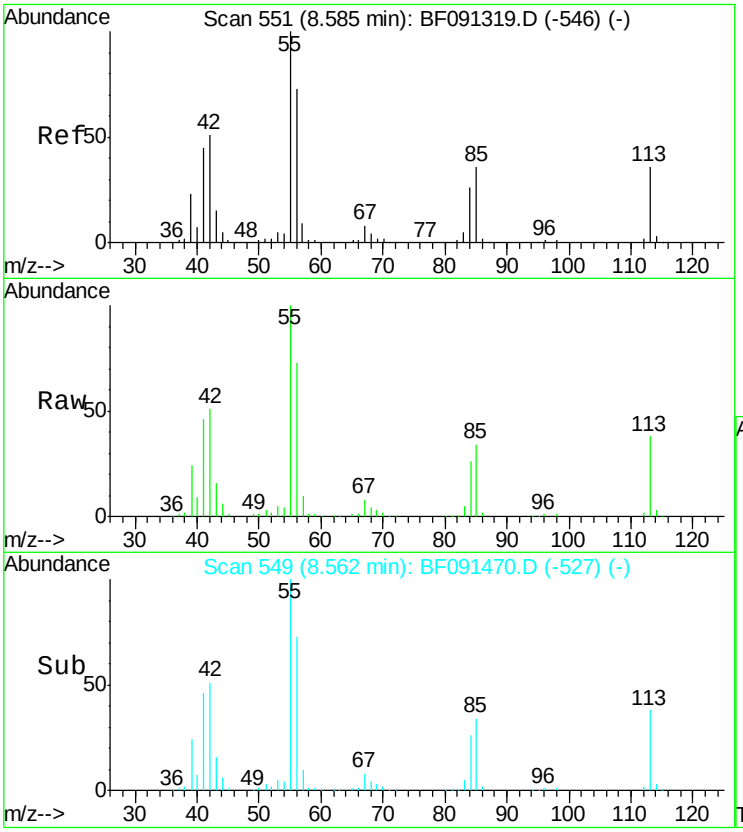




#34
Hexachlorobutadiene
Concen: 43.58 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:225 Resp: 196101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.2 | 49.8 | 74.6 |
| 227 | 63.6 | 52.6 | 79.0 |



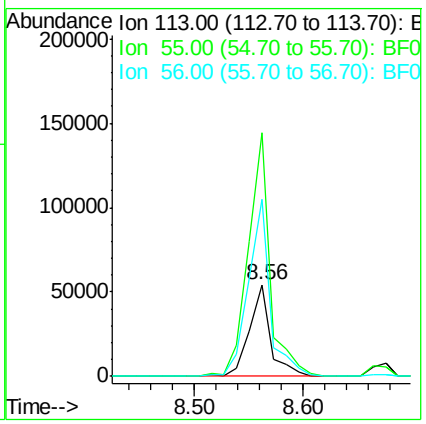


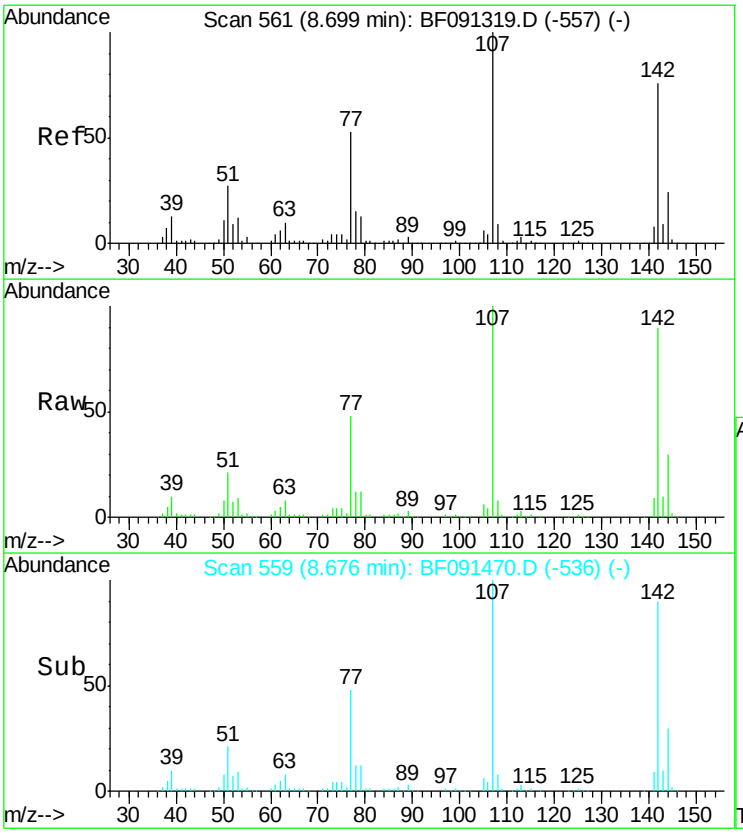

#35
Caprolactam
Concen: 39.34 ng
RT: 8.56 min Scan# 549
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:113 Resp: 73802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 265.7 | 239.8 | 279.8 |
| 56 | 193.2 | 165.6 | 205.6 |

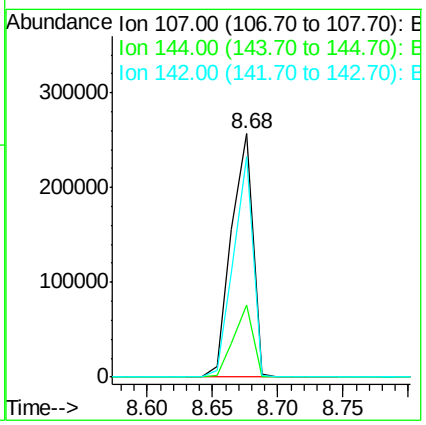


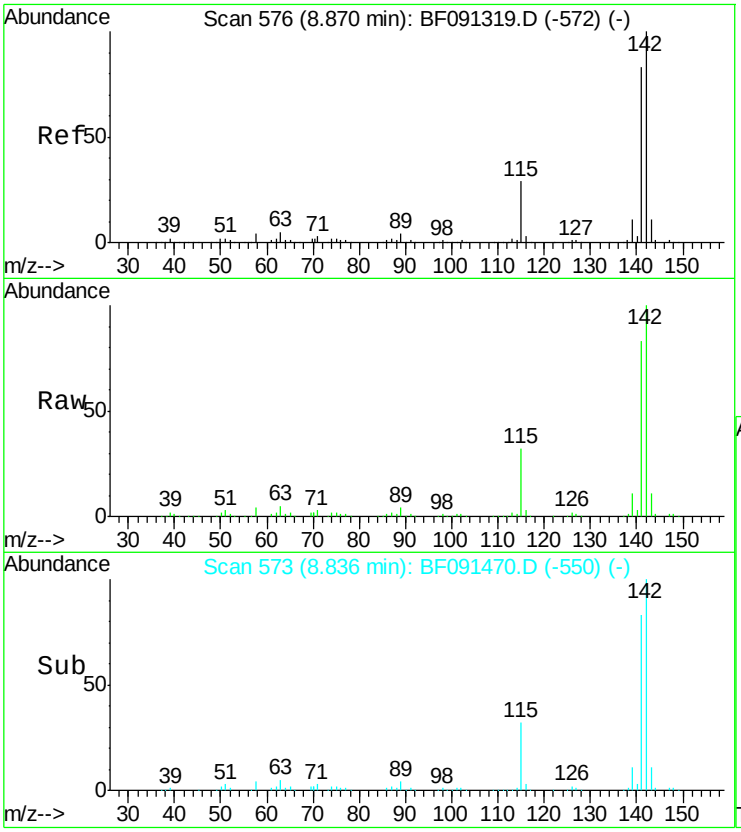




#36
4-Chloro-3-methylphenol
Concen: 41.68 ng
RT: 8.68 min Scan# 559
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:107 Resp: 293712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.7 | 18.9 | 28.3# |
| 142 | 90.4 | 58.5 | 87.7# |



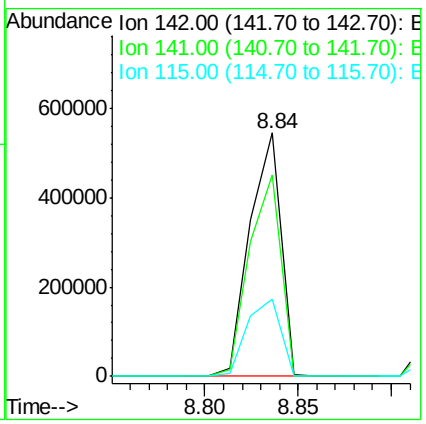


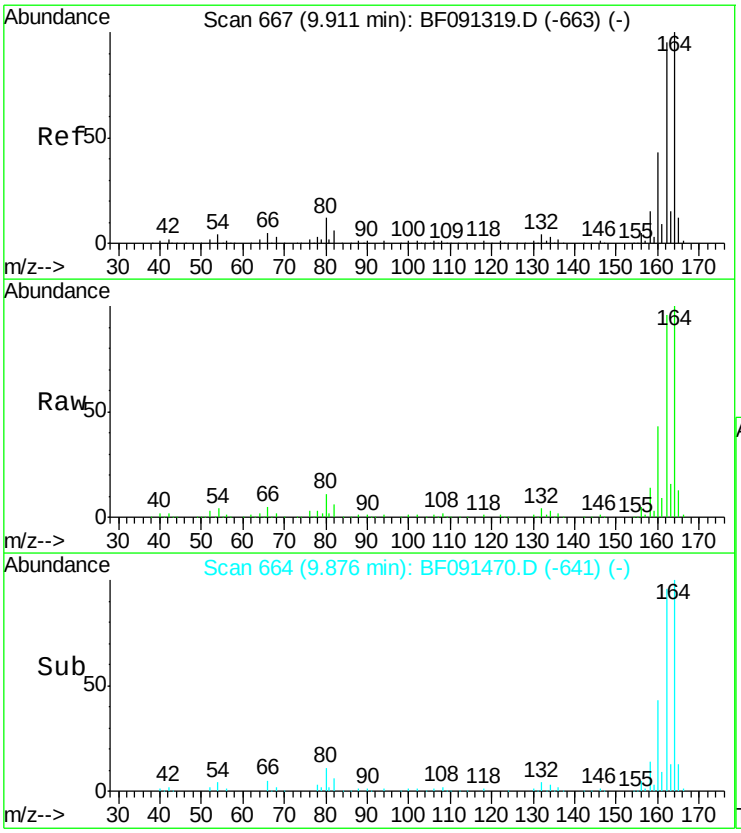

#37
2-Methylnaphthalene
Concen: 40.98 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:142 Resp: 630372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 82.6 | 71.7 | 107.5 |
| 115 | 31.6 | 25.0 | 37.6 |

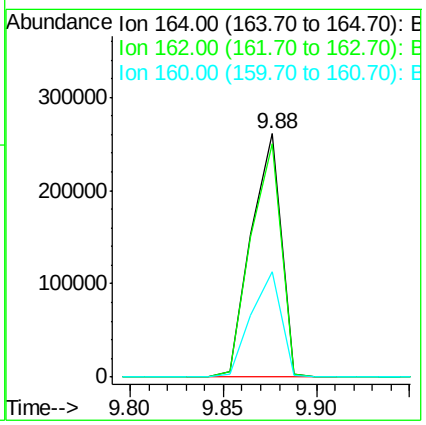


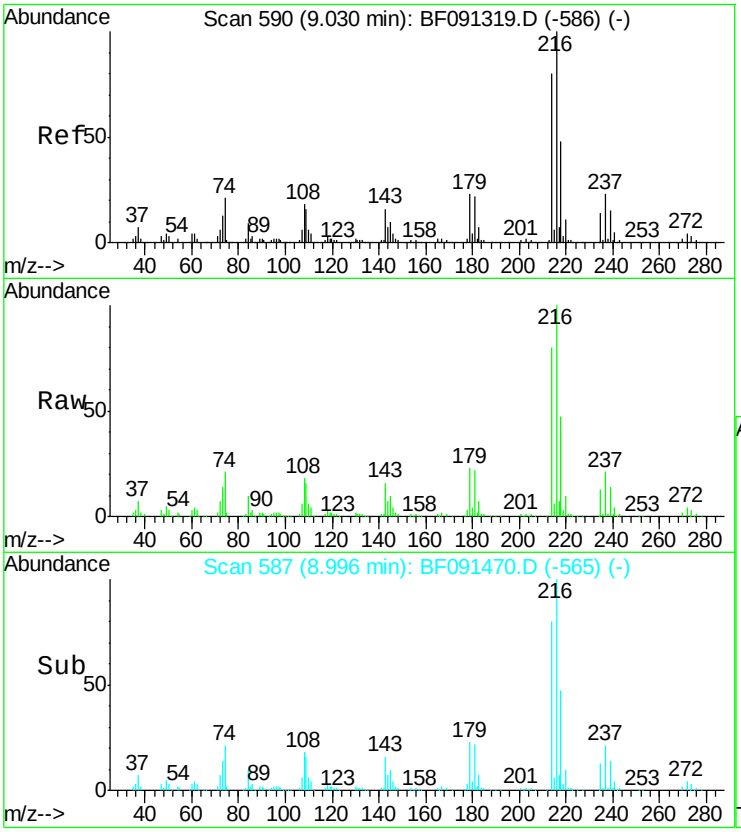




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:164 Resp: 290382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 96.1 | 82.6 | 124.0 |
| 160 | 43.3 | 36.7 | 55.1 |



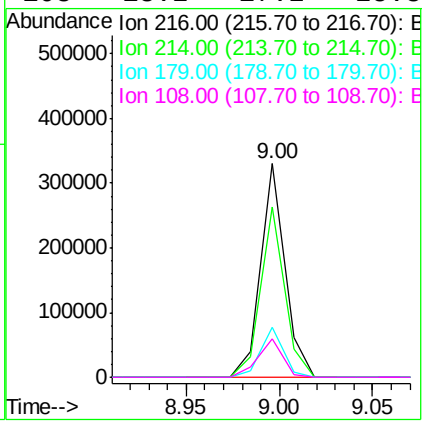


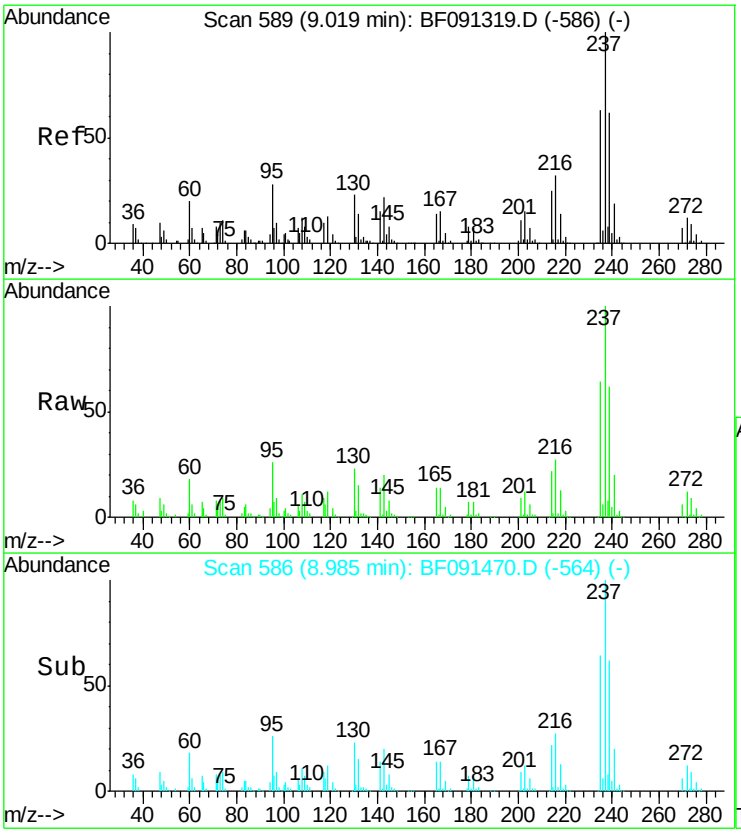

#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.10 ng
RT: 9.00 min Scan# 587
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:216 Resp: 295515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.8 | 63.8 | 95.8 |
| 179 | 22.2 | 18.2 | 27.2 |
| 108 | 18.2 | 17.2 | 25.8 |

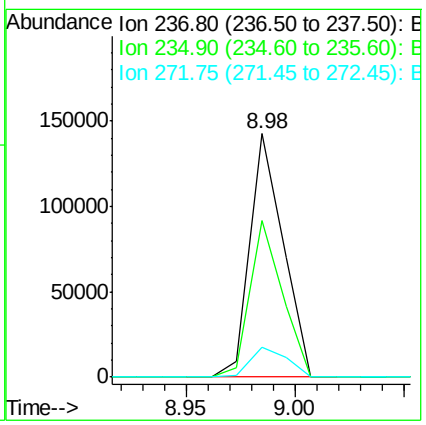


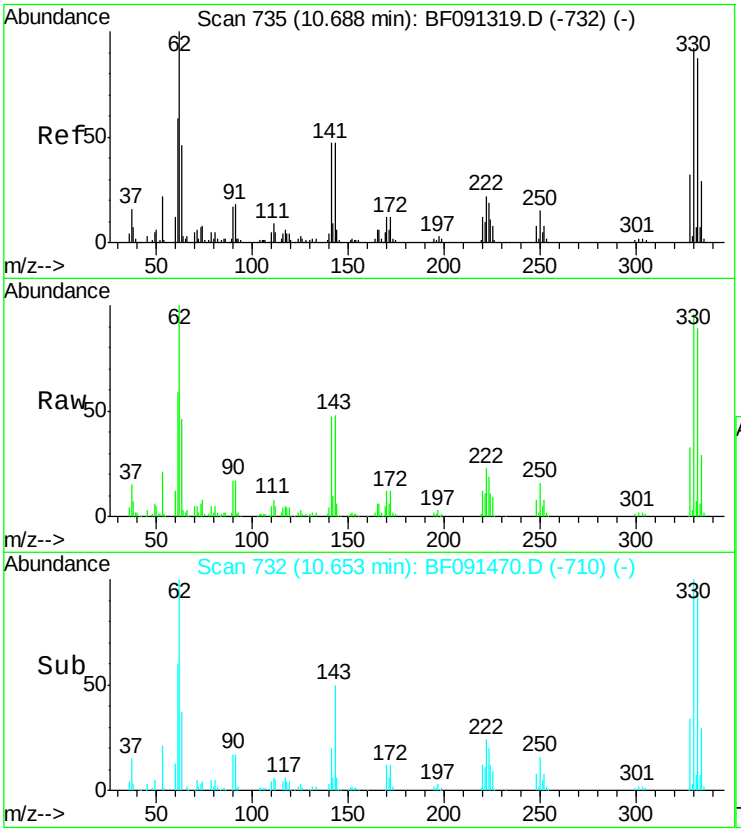




#40
Hexachlorocyclopentadiene
Concen: 40.01 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:237 Resp: 151815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 64.2 | 43.9 | 83.9 |
| 272 | 12.2 | 0.0 | 33.1 |



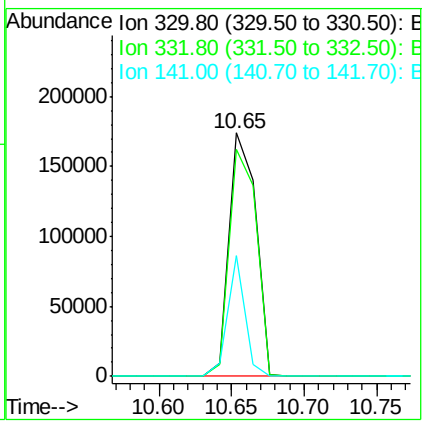


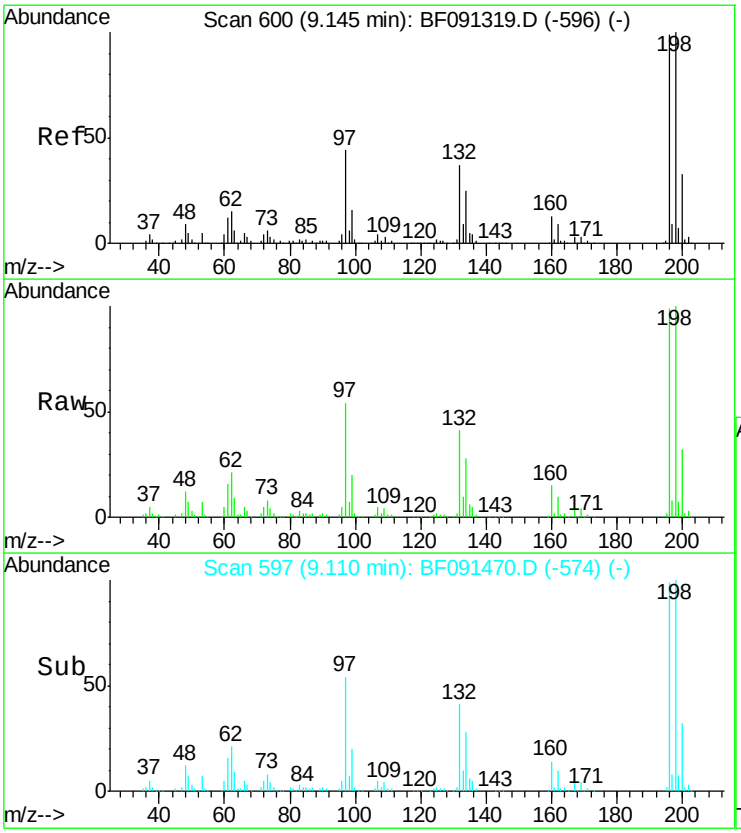

#41
2,4,6-Tribromophenol
Concen: 81.35 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:330 Resp: 223648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.6 | 76.2 | 114.4 |
| 141 | 32.1 | 33.6 | 50.4# |

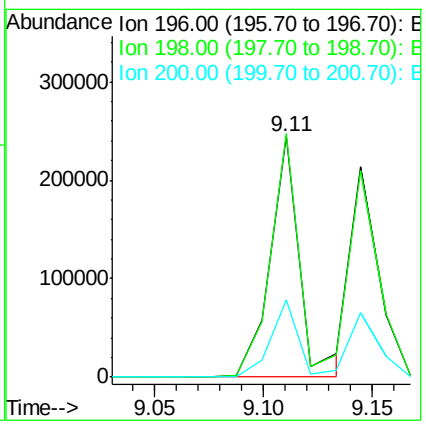


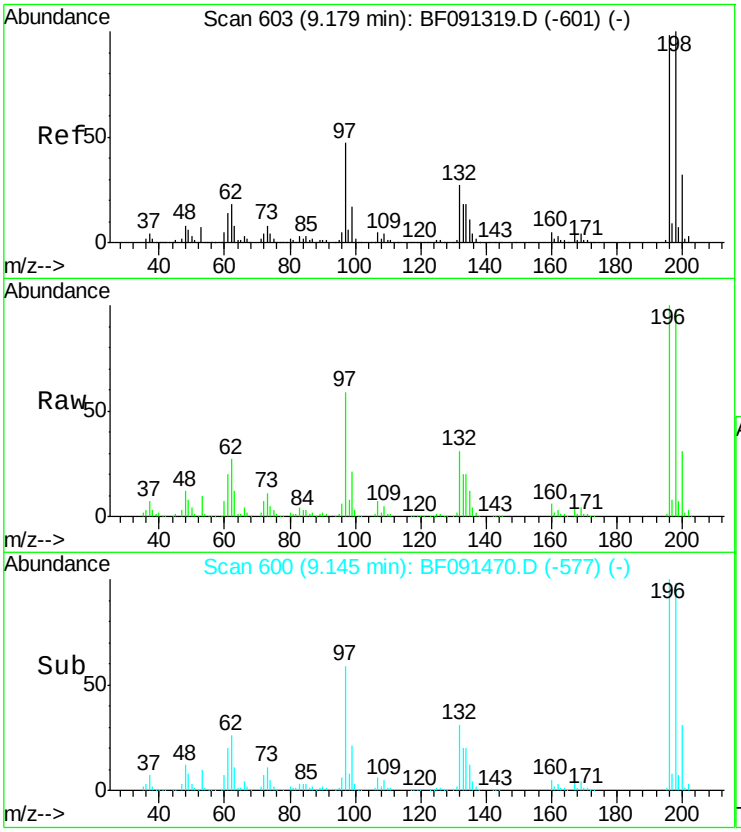




#42
2,4,6-Trichlorophenol
Concen: 43.68 ng
RT: 9.11 min Scan# 597
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:196 Resp: 232387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.2 | 77.4 | 116.0 |
| 200 | 32.2 | 25.2 | 37.8 |



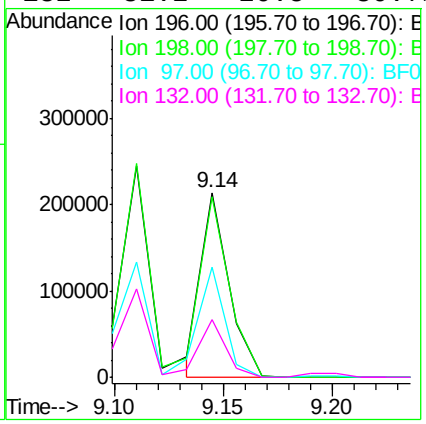


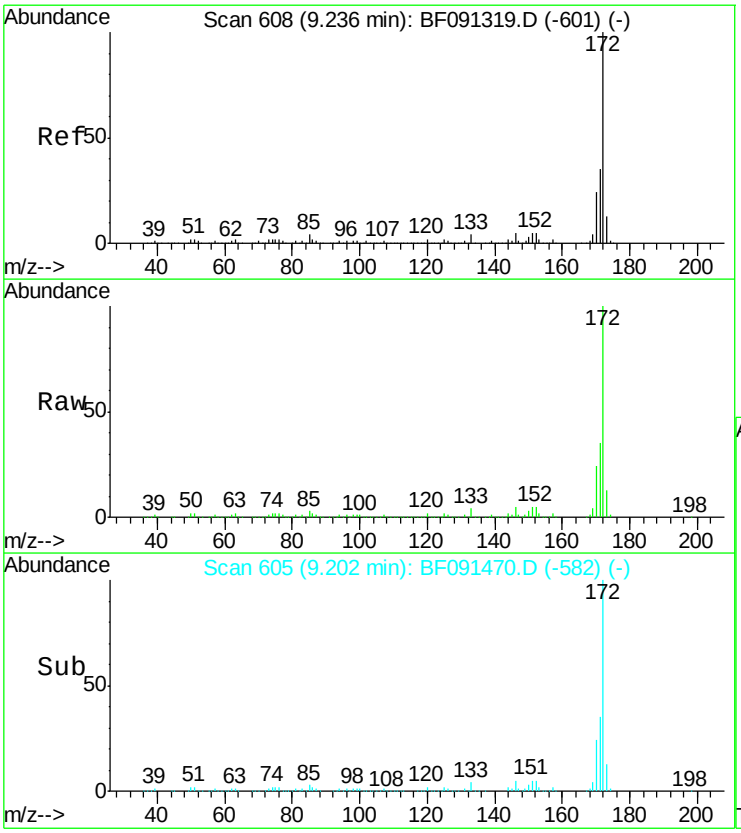

#43
2,4,5-Trichlorophenol
Concen: 35.85 ng
RT: 9.14 min Scan# 600
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:196 Resp: 191127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.9 | 77.0 | 115.6 |
| 97 | 59.2 | 33.5 | 50.3# |
| 132 | 31.2 | 20.5 | 30.7# |

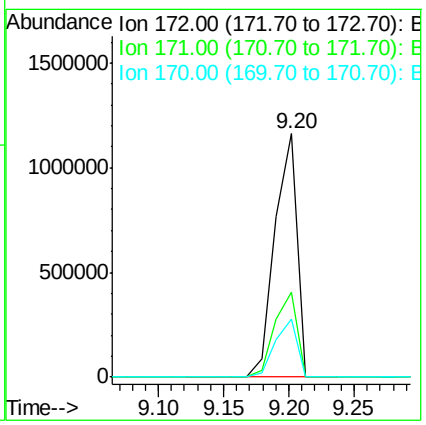


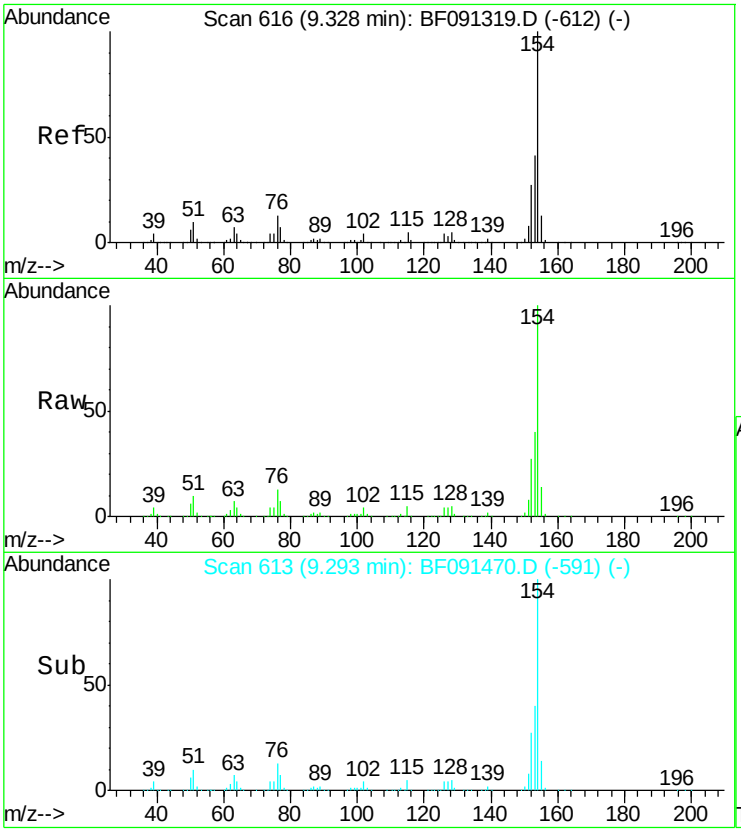




#44
2-Fluorobiphenyl
Concen: 86.46 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:172 Resp: 1386612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 29.4 | 44.0 |
| 170 | 23.6 | 19.7 | 29.5 |



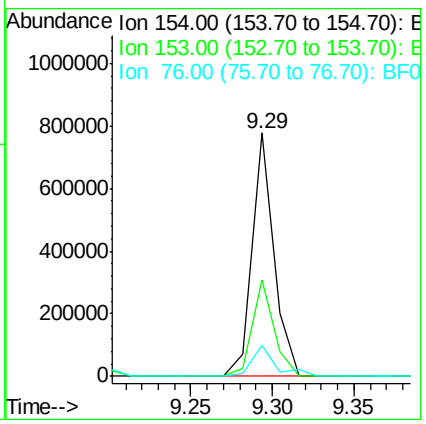


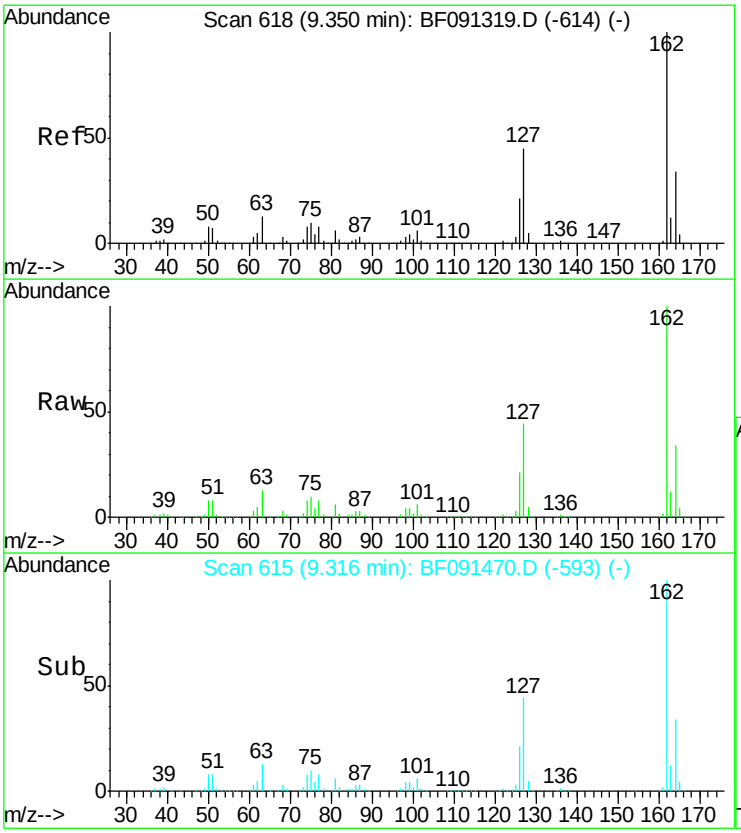

#45
1,1'-Biphenyl
Concen: 34.49 ng
RT: 9.29 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:154 Resp: 720249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.8 | 20.6 | 60.6 |
| 76 | 12.8 | 0.0 | 36.6 |

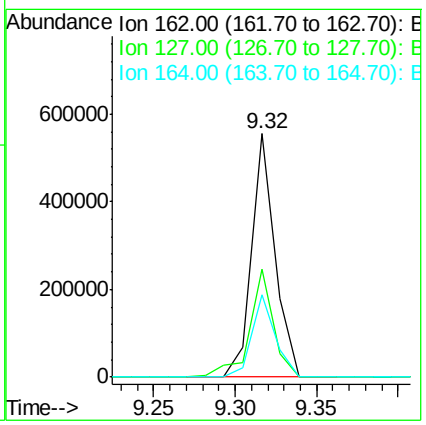


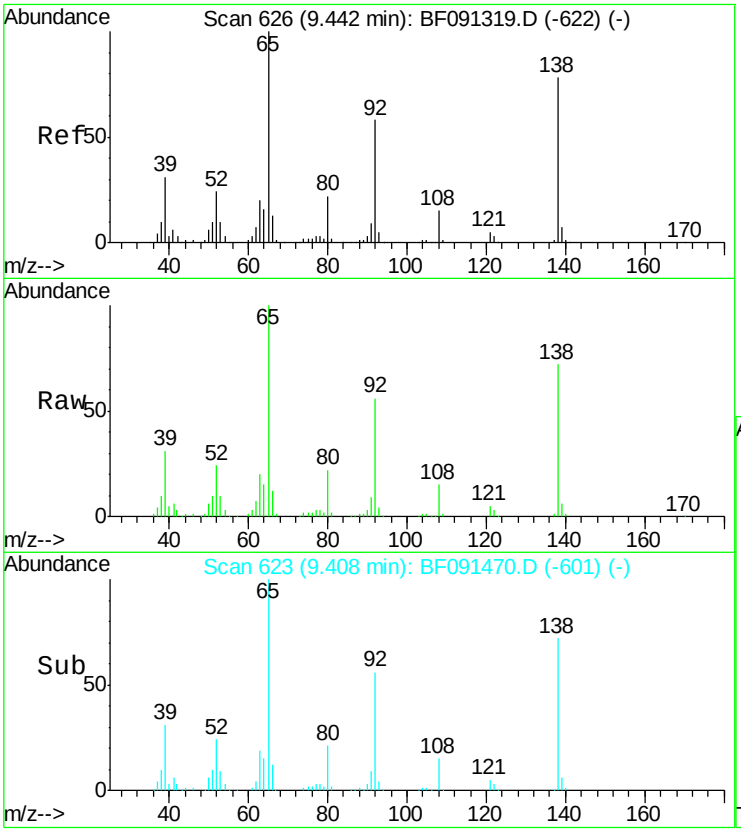




#46
2-Chloronaphthalene
Concen: 35.42 ng
RT: 9.32 min Scan# 615
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:162 Resp: 550769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 44.3 | 34.3 | 51.5 |
| 164 | 33.9 | 26.6 | 40.0 |



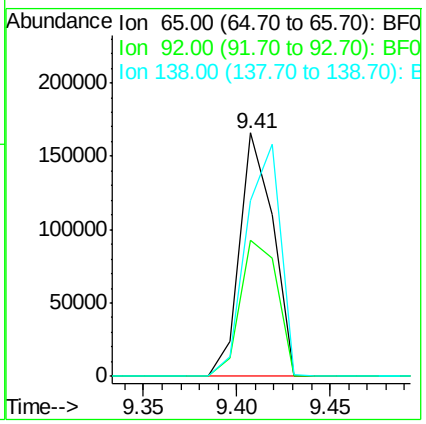


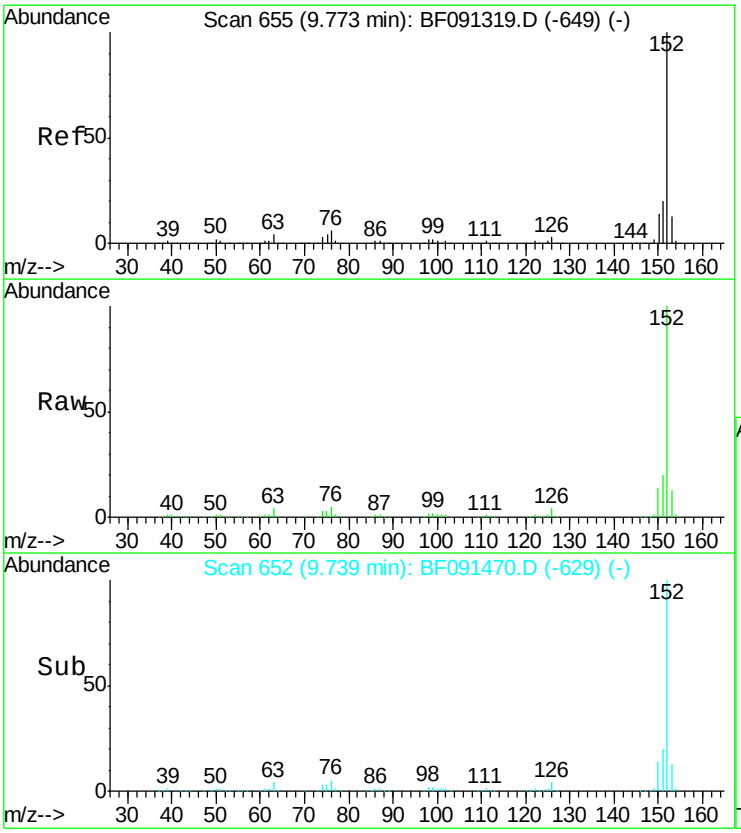

#47
2-Nitroaniline
Concen: 36.89 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion: 65 Resp: 206026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 55.7 | 53.6 | 80.4 |
| 138 | 72.4 | 91.0 | 136.6# |

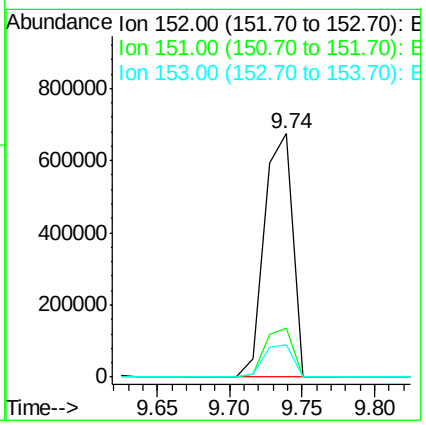


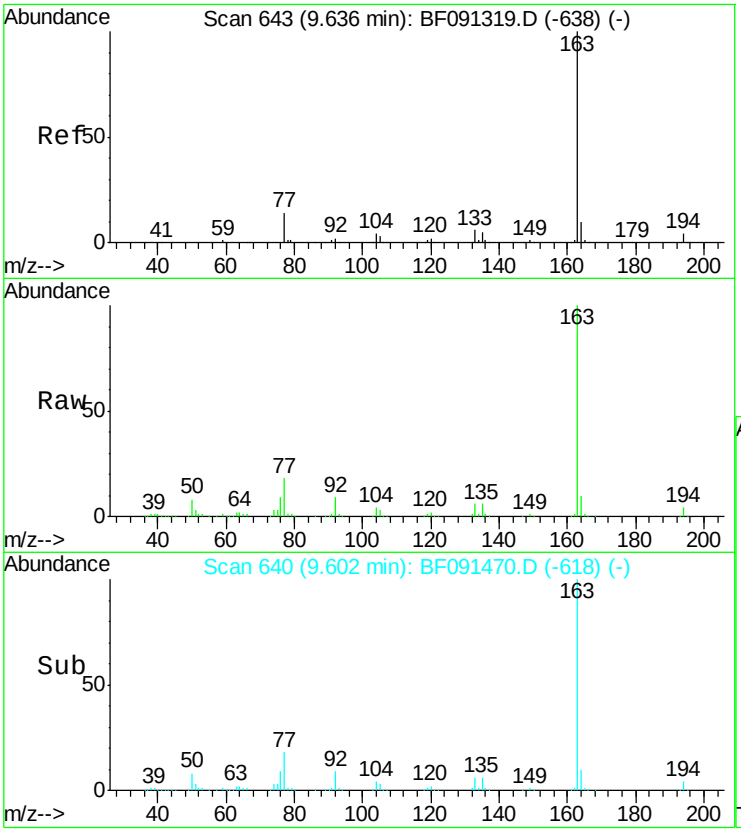




#48
Acenaphthylene
Concen: 37.02 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:152 Resp: 906124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 16.6 | 24.8 |
| 153 | 13.4 | 10.7 | 16.1 |



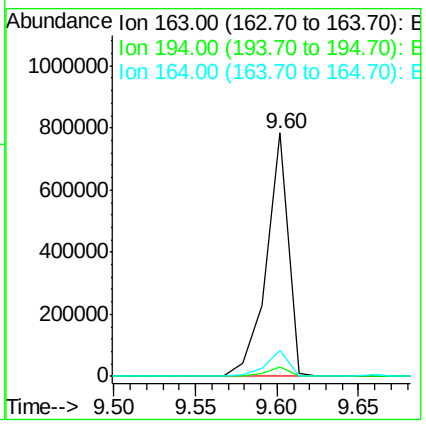


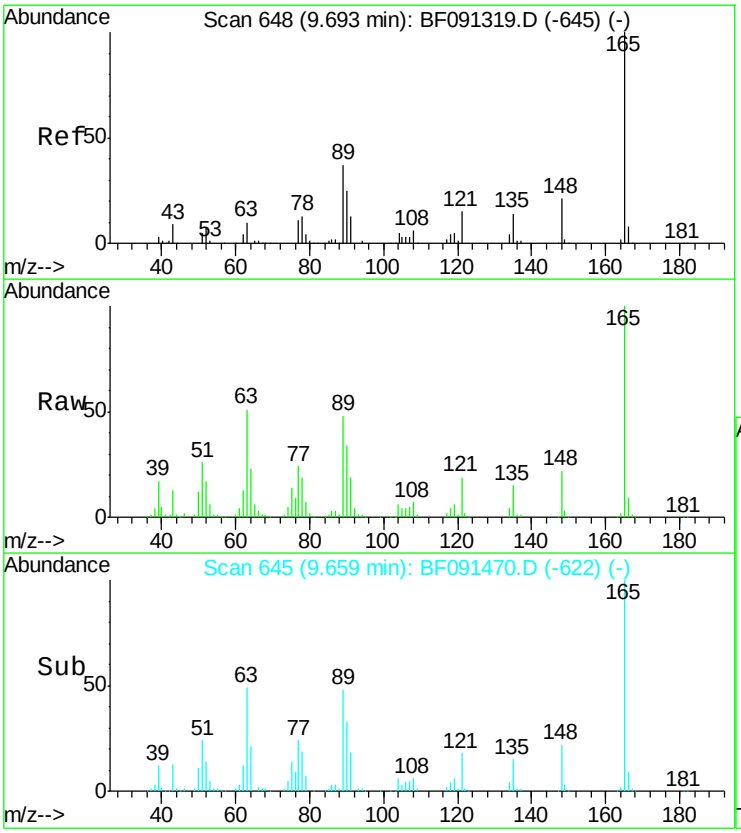

#49
Dimethylphthalate
Concen: 41.40 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:163 Resp: 727960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.0 | 4.4 |
| 164 | 10.5 | 7.8 | 11.8 |

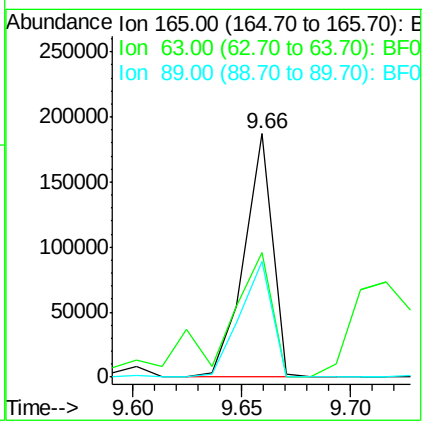


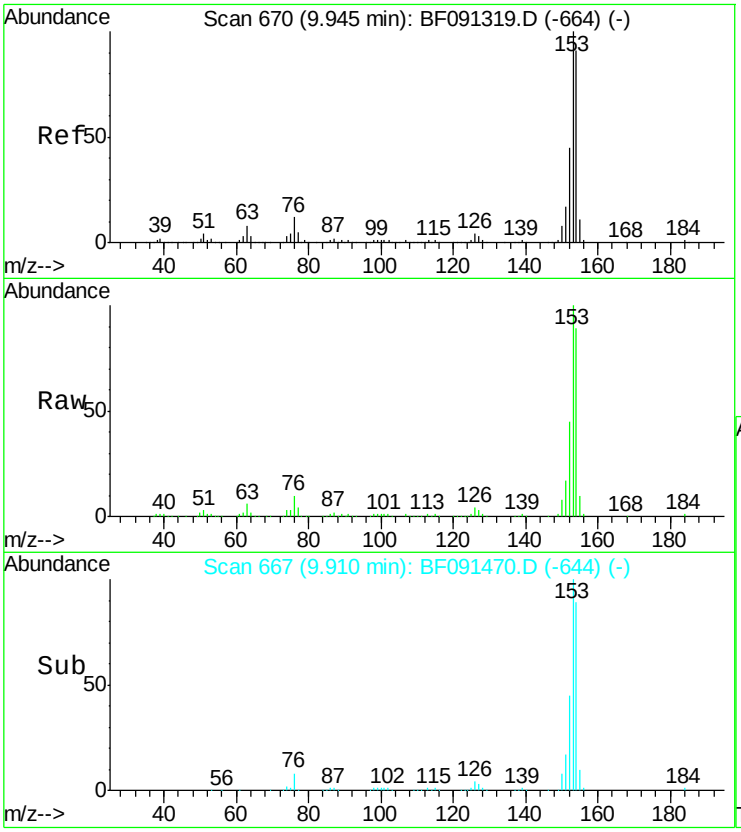




#50
2,6-Dinitrotoluene
Concen: 43.03 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:165 Resp: 169111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.3 | 59.4 | 89.0# |
| 89 | 47.8 | 50.8 | 76.2# |



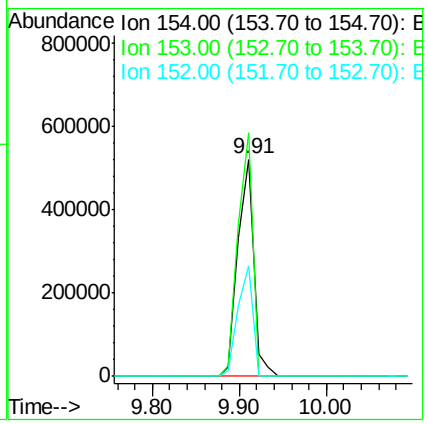


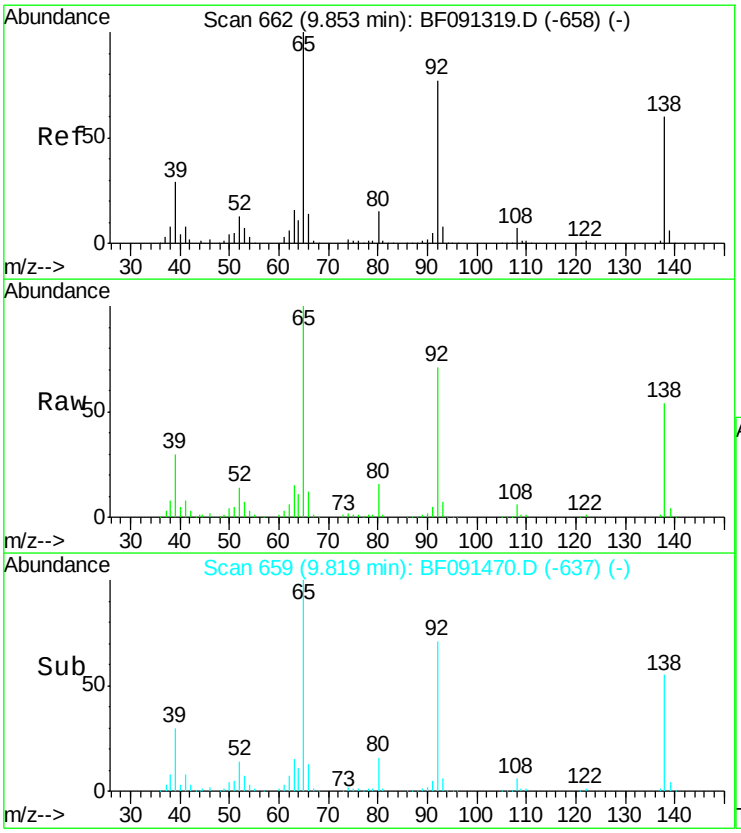

#51
Acenaphthene
Concen: 39.91 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:154 Resp: 659035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.0 | 91.0 | 136.6 |
| 152 | 50.6 | 44.2 | 66.2 |

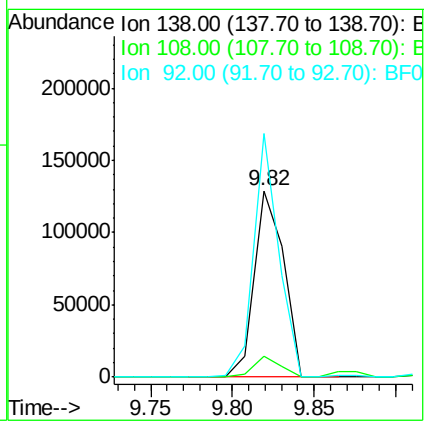


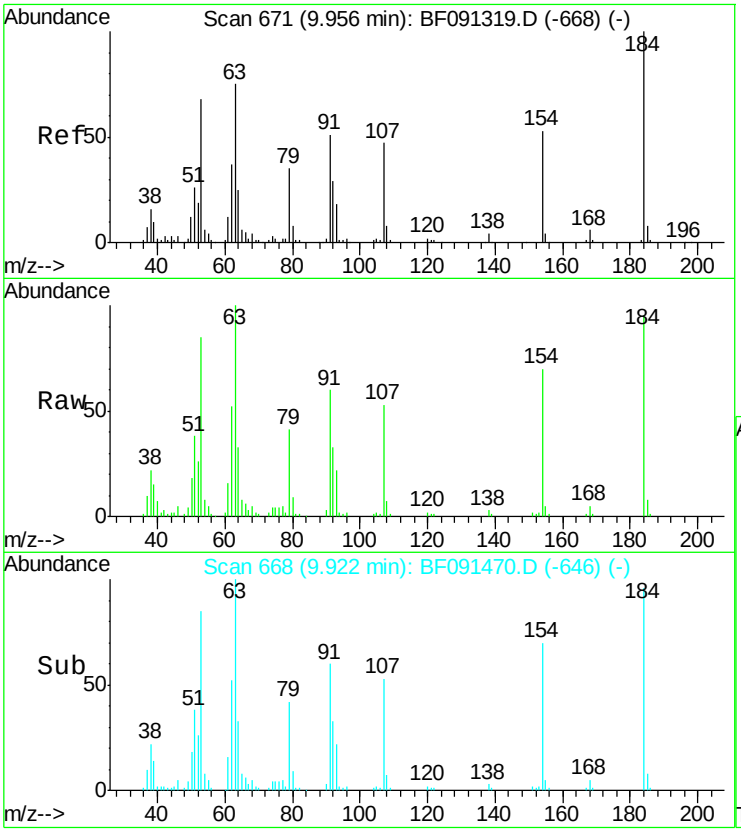




#52
3-Nitroaniline
Concen: 35.43 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:138 Resp: 161153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.0 | 8.1 | 12.1 |
| 92 | 130.8 | 92.5 | 138.7 |



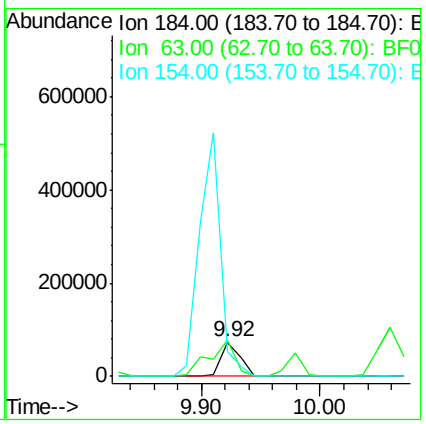


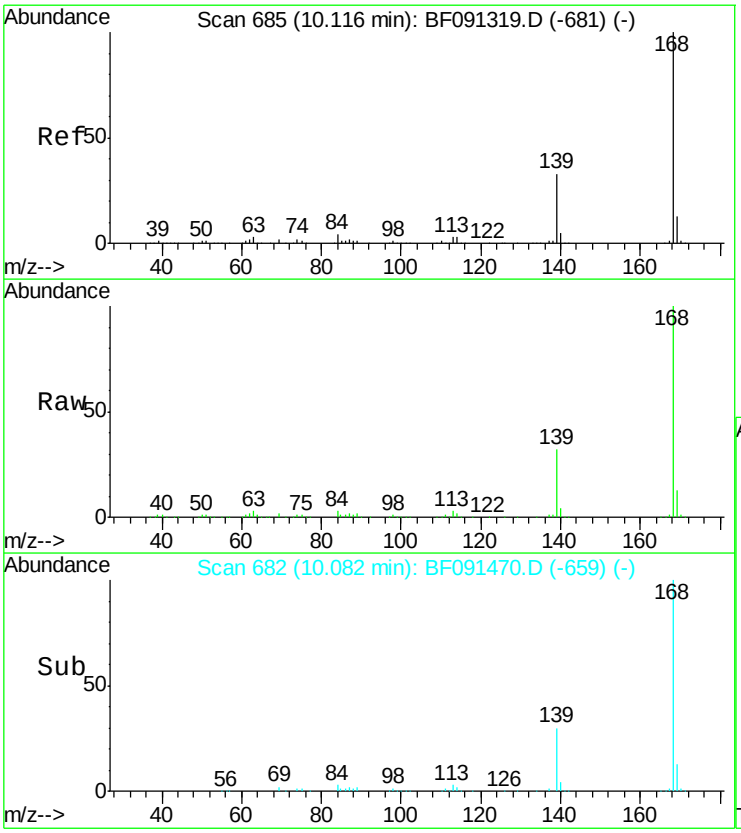

#53
2,4-Dinitrophenol
Concen: 47.78 ng
RT: 9.92 min Scan# 668
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:184 Resp: 82112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 105.1 | 58.3 | 87.5# |
| 154 | 73.7 | 48.6 | 73.0# |

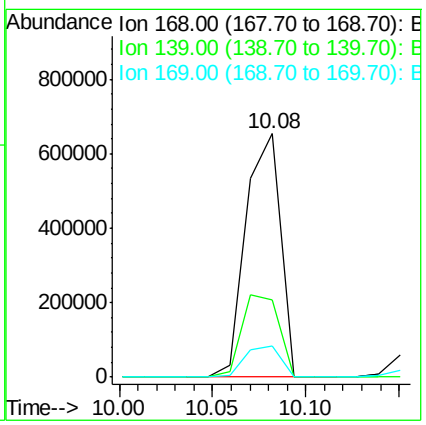


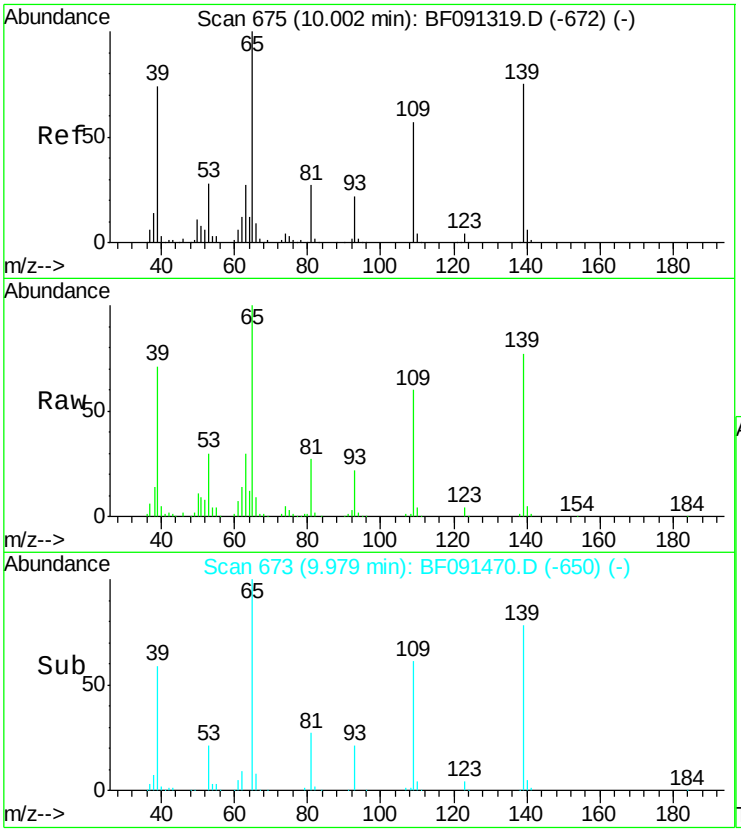




#54
Dibenzofuran
Concen: 37.86 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:168 Resp: 836956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 31.9 | 33.4 | 50.2# |
| 169 | 12.9 | 11.1 | 16.7 |



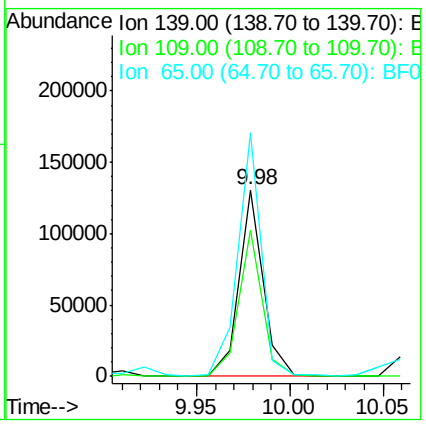


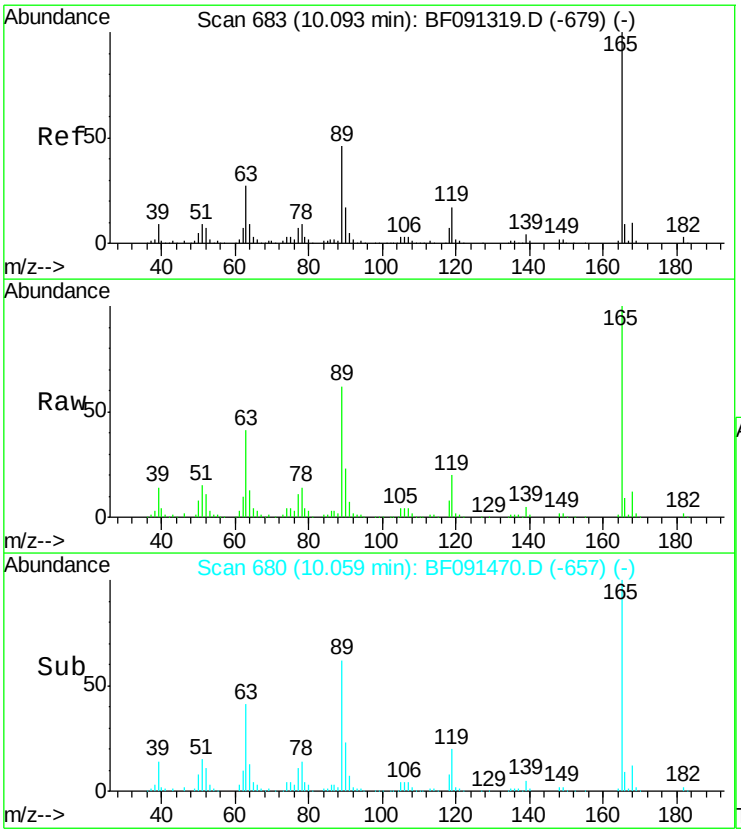

#55
4-Nitrophenol
Concen: 36.04 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:139 Resp: 118404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 78.2 | 54.9 | 94.9 |
| 65 | 130.6 | 102.2 | 142.2 |

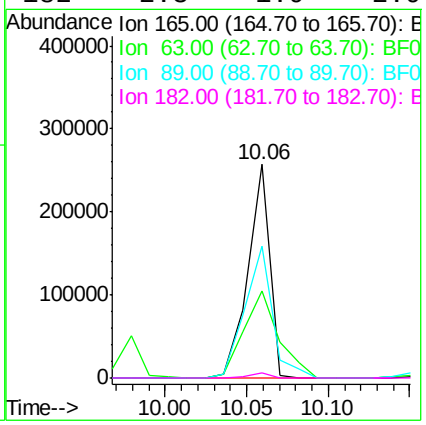


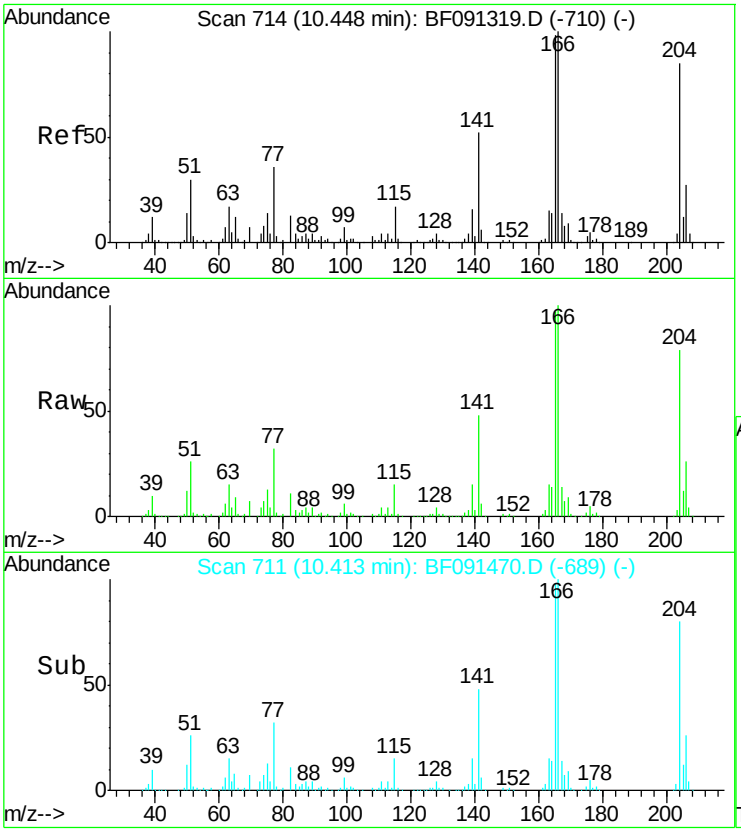




#56
2,4-Dinitrotoluene
Concen: 46.42 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:165 Resp: 236635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.9 | 29.0 | 43.4 |
| 89 | 61.8 | 43.1 | 64.7 |
| 182 | 2.3 | 1.9 | 2.9 |



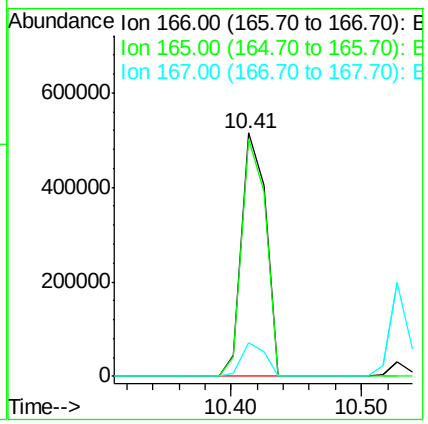


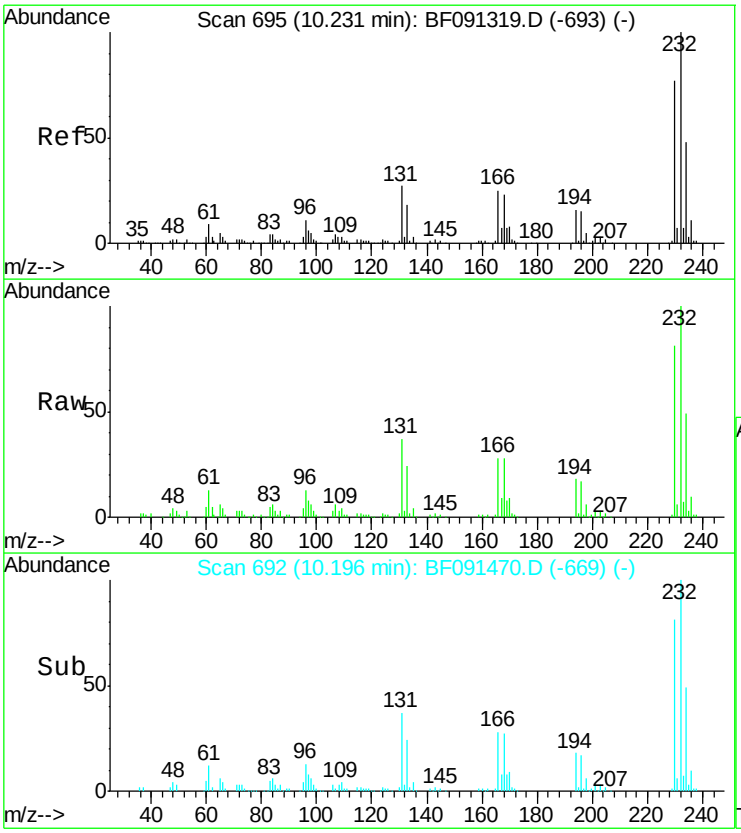

#57
Fluorene
Concen: 39.08 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:166 Resp: 663330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.2 | 80.0 | 120.0 |
| 167 | 13.9 | 10.8 | 16.2 |

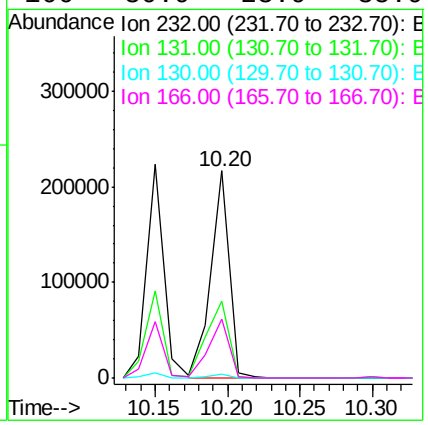


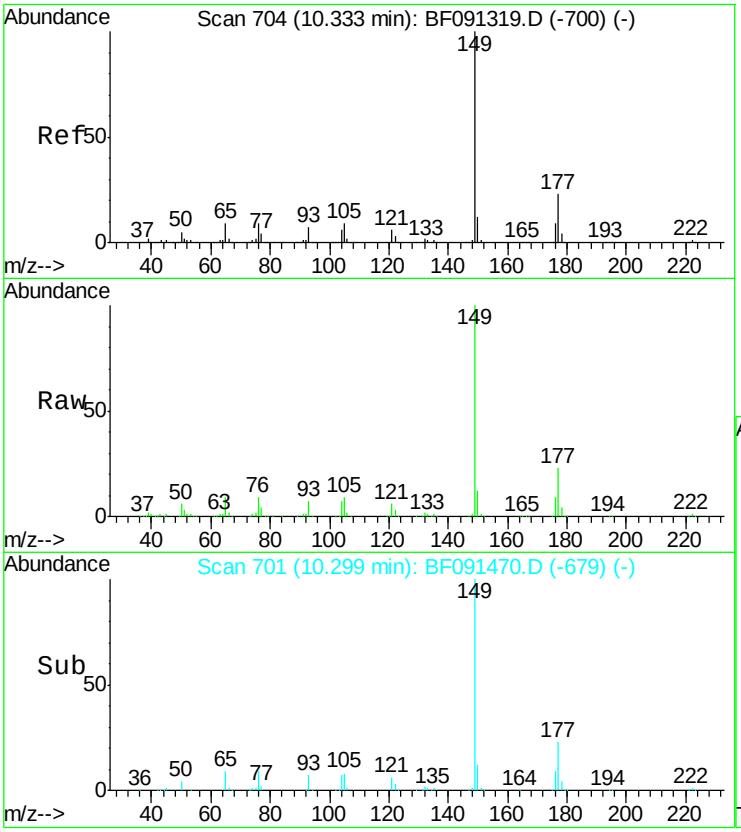




#58
2,3,4,6-Tetrachlorophenol
Concen: 42.03 ng
RT: 10.20 min Scan# 692
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:232 Resp: 191373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 45.0 | 38.4 | 57.6 |
| 130 | 2.2 | 1.8 | 2.8 |
| 166 | 30.9 | 23.9 | 35.9 |



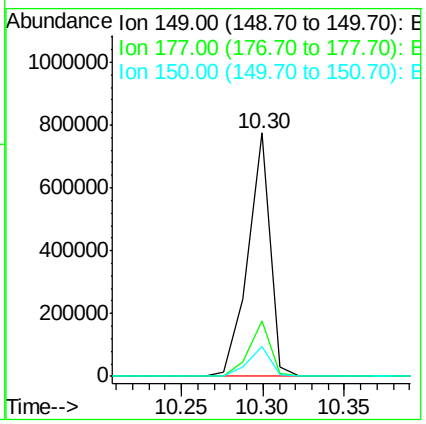


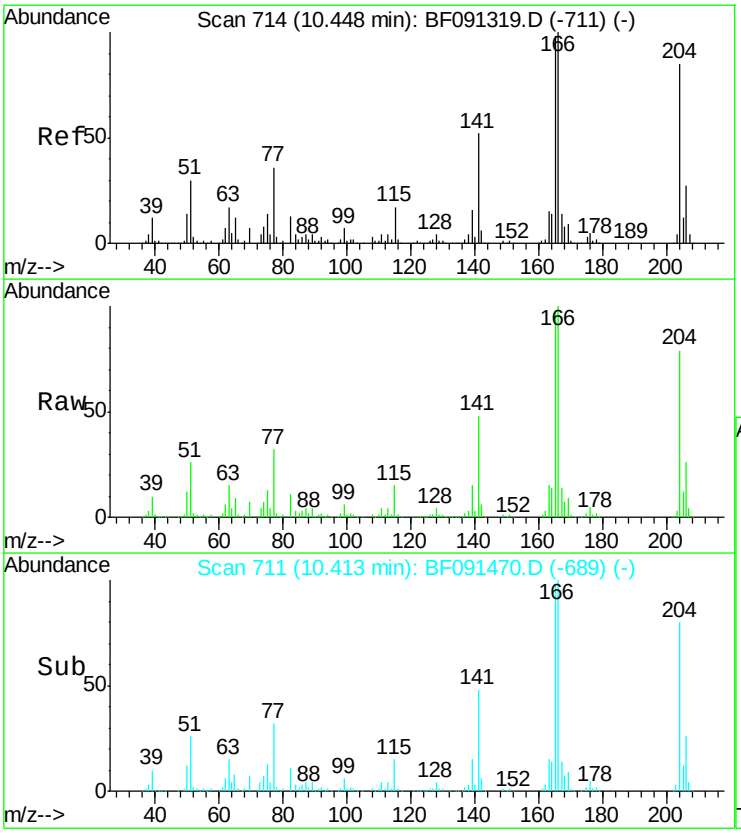

#59
Diethylphthalate
Concen: 42.10 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 730678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.6 | 15.7 | 23.5 |
| 150 | 12.4 | 10.2 | 15.2 |

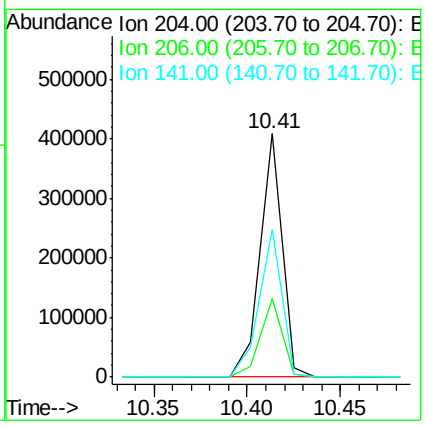


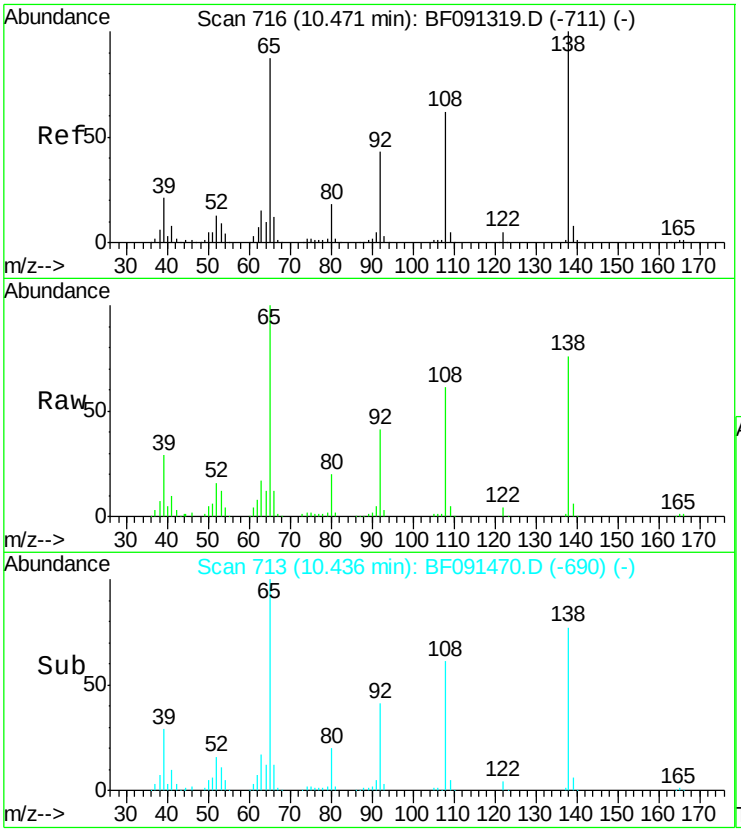




#60
4-Chlorophenyl-phenylether
Concen: 38.93 ng
RT: 10.41 min Scan# 711
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:204 Resp: 331377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 26.1 | 39.1 |
| 141 | 60.8 | 40.6 | 61.0 |



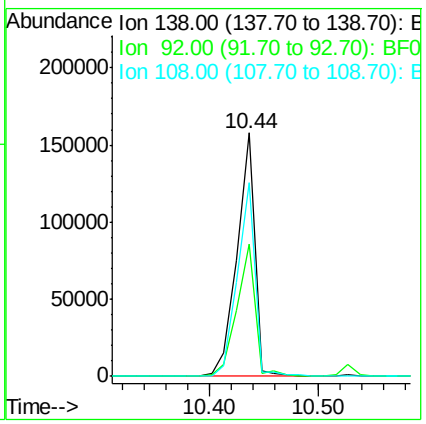


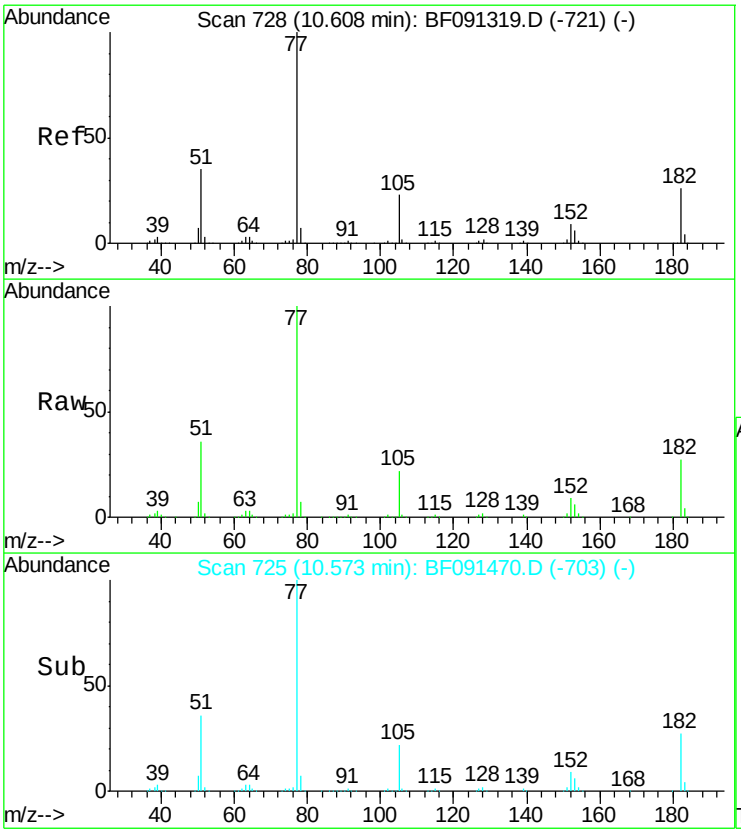

#61
4-Nitroaniline
Concen: 41.35 ng
RT: 10.44 min Scan# 713
Delta R.T. -0.04 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:138 Resp: 176616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 54.2 | 26.9 | 66.9 |
| 108 | 79.5 | 49.1 | 89.1 |

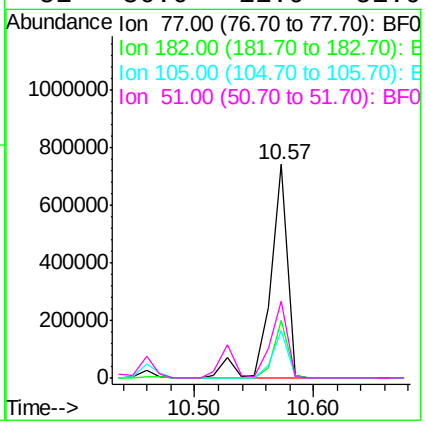


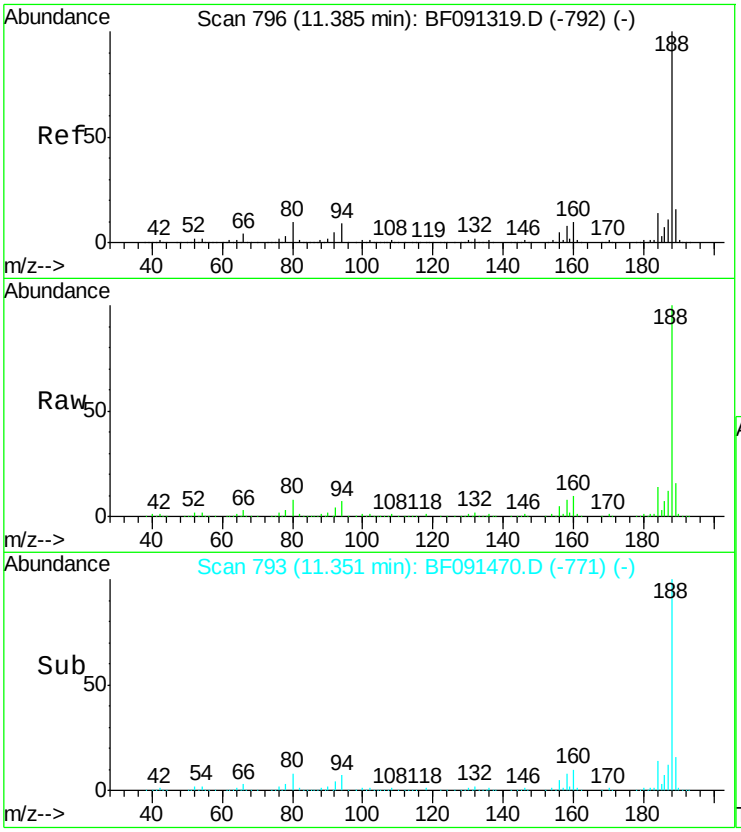




#62
Azobenzene
Concen: 42.39 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion: 77 Resp: 750787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.0 | 12.5 | 52.5 |
| 105 | 22.0 | 3.7 | 43.7 |
| 51 | 36.0 | 11.9 | 51.9 |



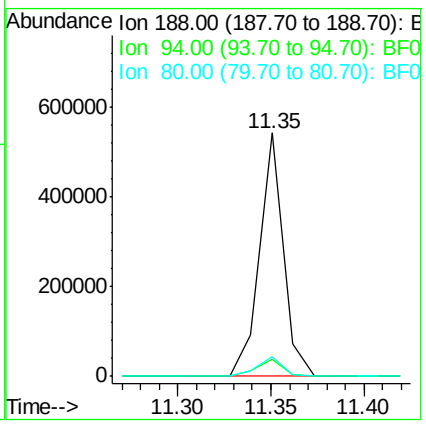


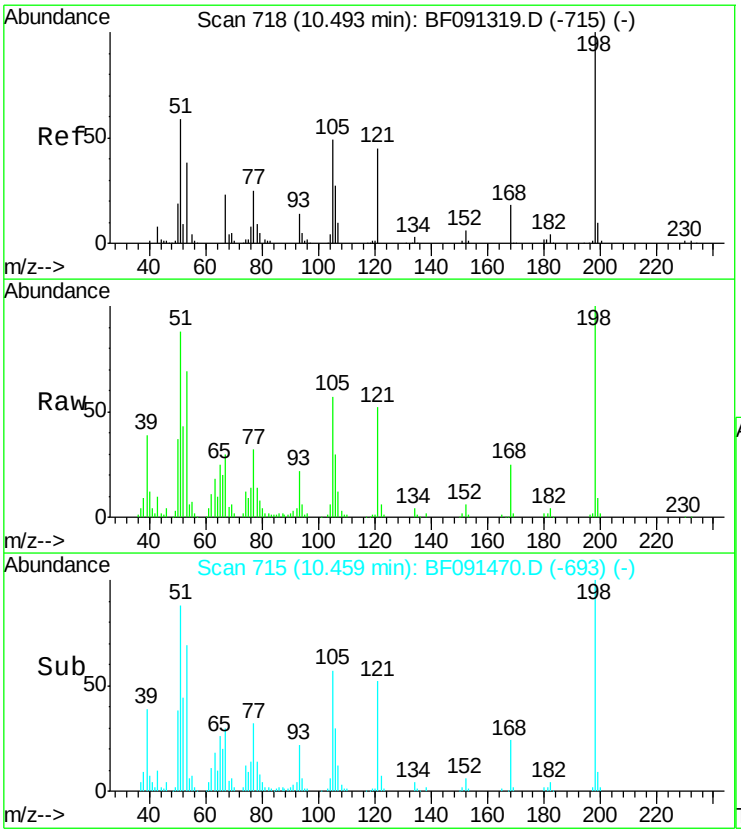

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:188 Resp: 486294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.1 | 9.2 | 13.8# |
| 80 | 7.8 | 10.5 | 15.7# |

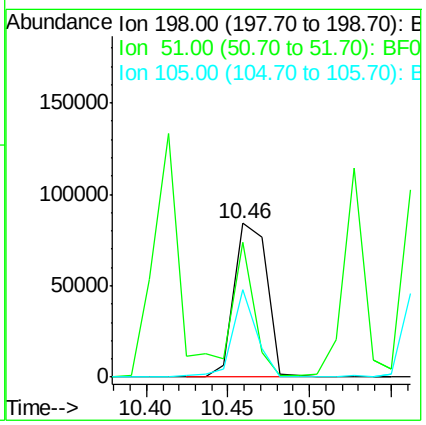


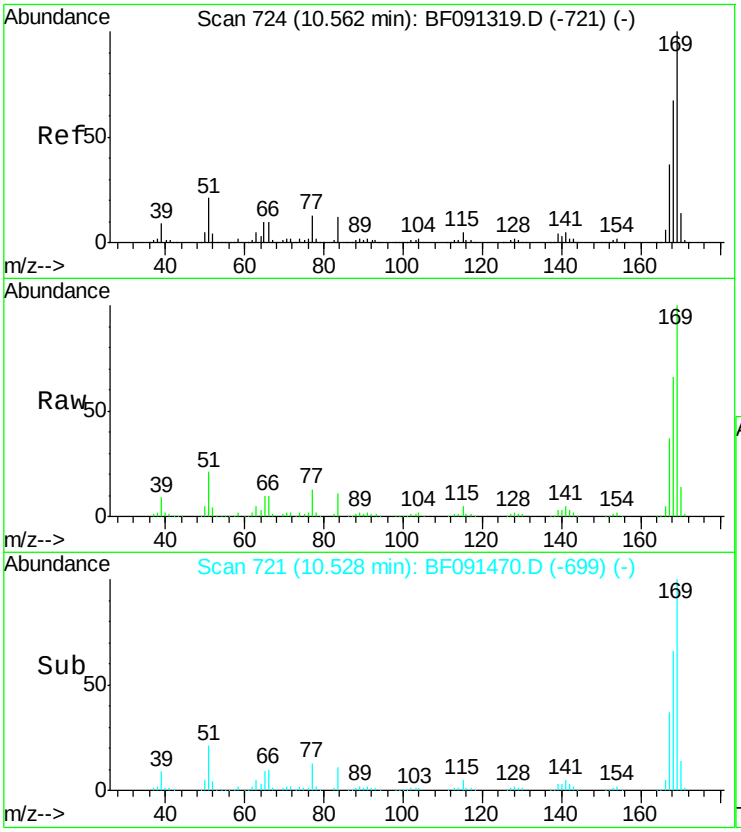




#64
4,6-Dinitro-2-methylphenol
Concen: 43.42 ng
RT: 10.46 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:198 Resp: 116339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 87.8 | 77.1 | 117.1 |
| 105 | 56.8 | 44.8 | 84.8 |



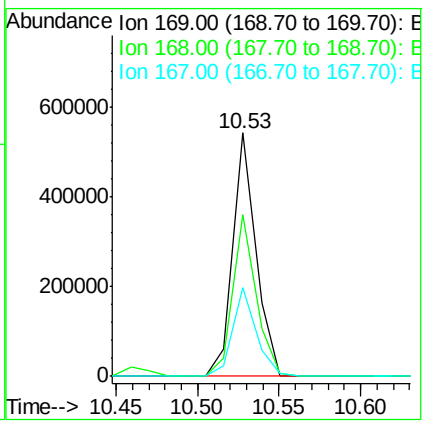


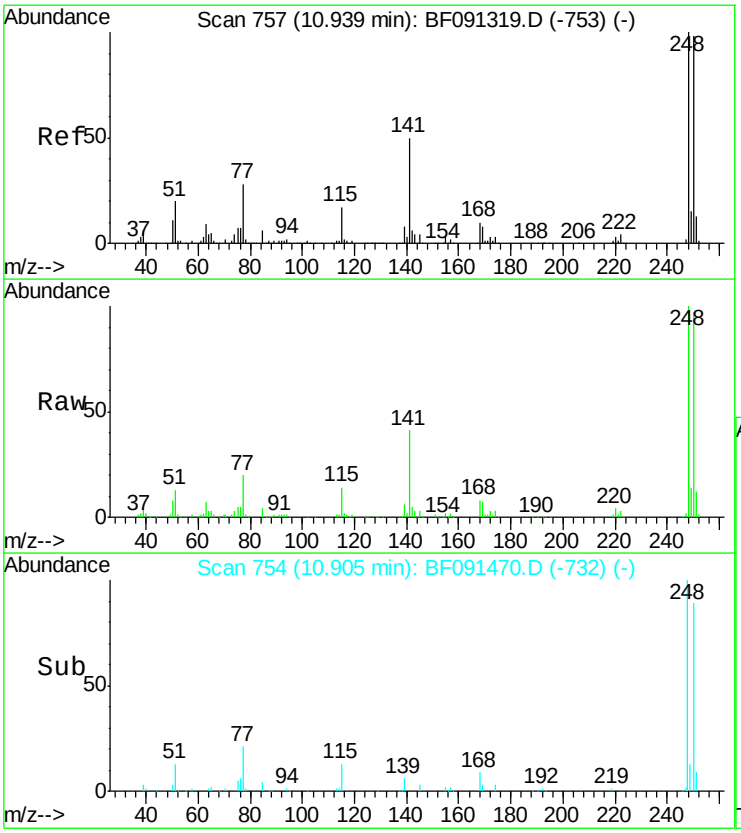

#65
n-Nitrosodiphenylamine
Concen: 35.90 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:169 Resp: 529254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.2 | 53.8 | 80.8 |
| 167 | 36.5 | 29.8 | 44.8 |

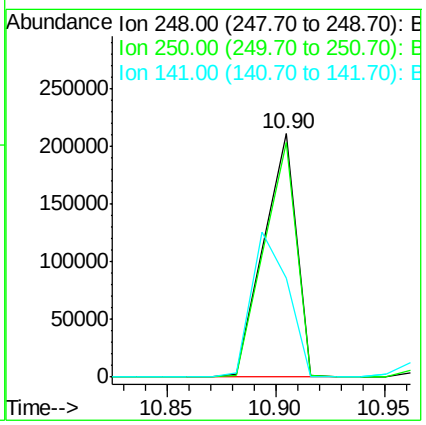


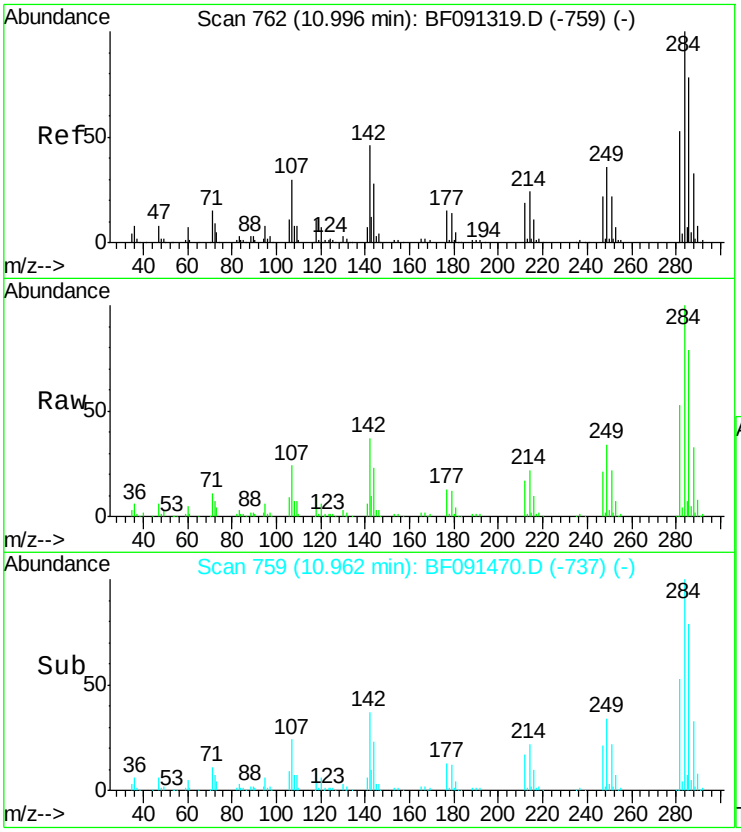




#66
4-Bromophenyl-phenylether
Concen: 42.47 ng
RT: 10.90 min Scan# 754
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:248 Resp: 221988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.6 | 78.2 | 117.4 |
| 141 | 40.9 | 71.9 | 107.9# |



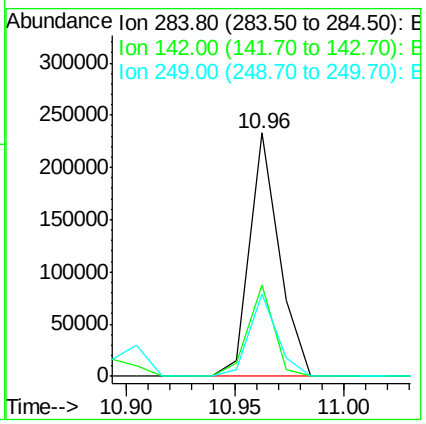


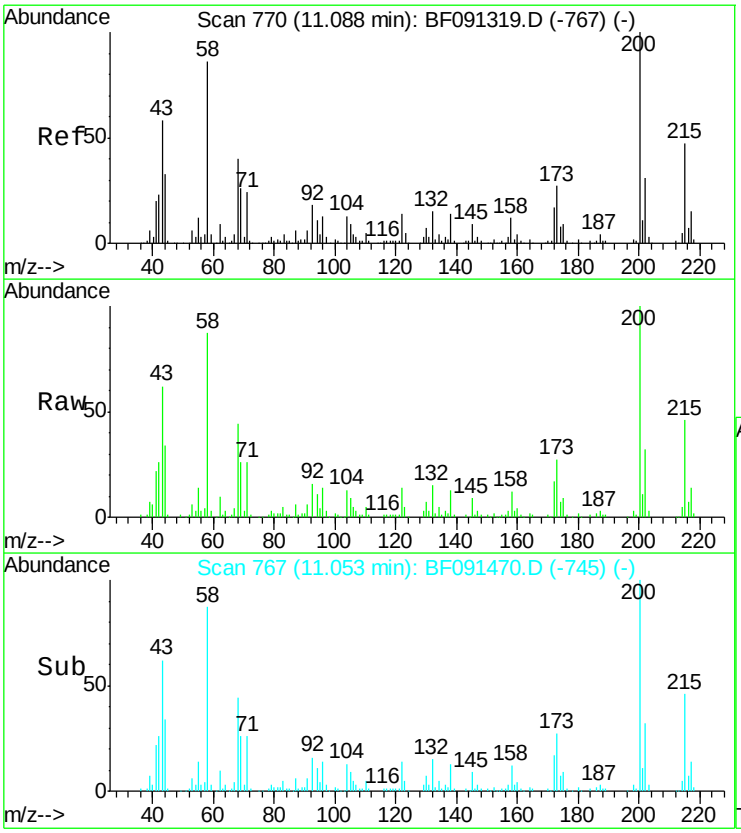

#67
Hexachlorobenzene
Concen: 38.97 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:284 Resp: 220089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 37.5 | 17.9 | 26.9# |
| 249 | 34.0 | 23.6 | 35.4 |

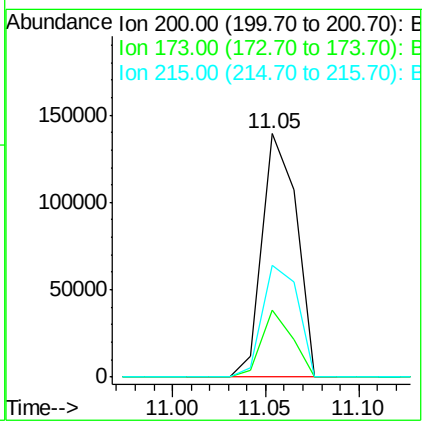


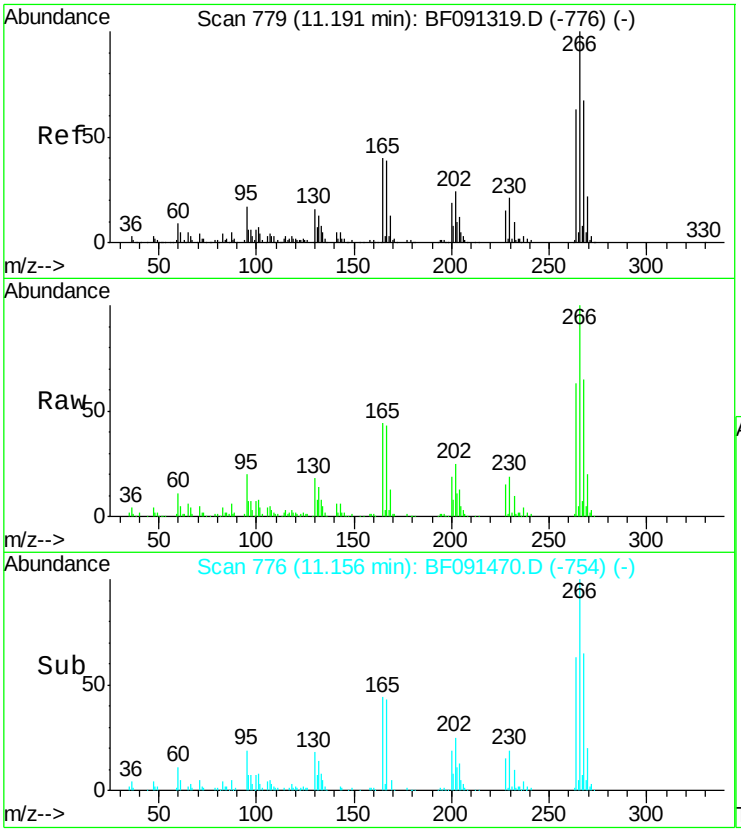




#68
Atrazine
Concen: 37.21 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:200 Resp: 177673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 27.4 | 7.8 | 47.8 |
| 215 | 46.1 | 24.3 | 64.3 |



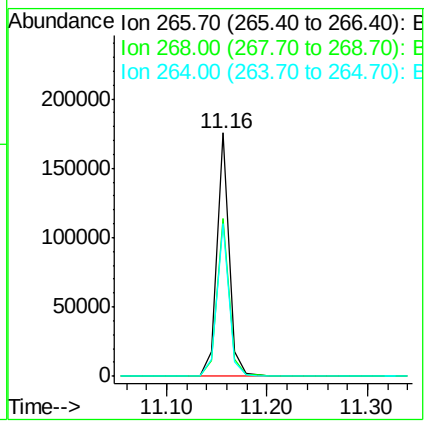


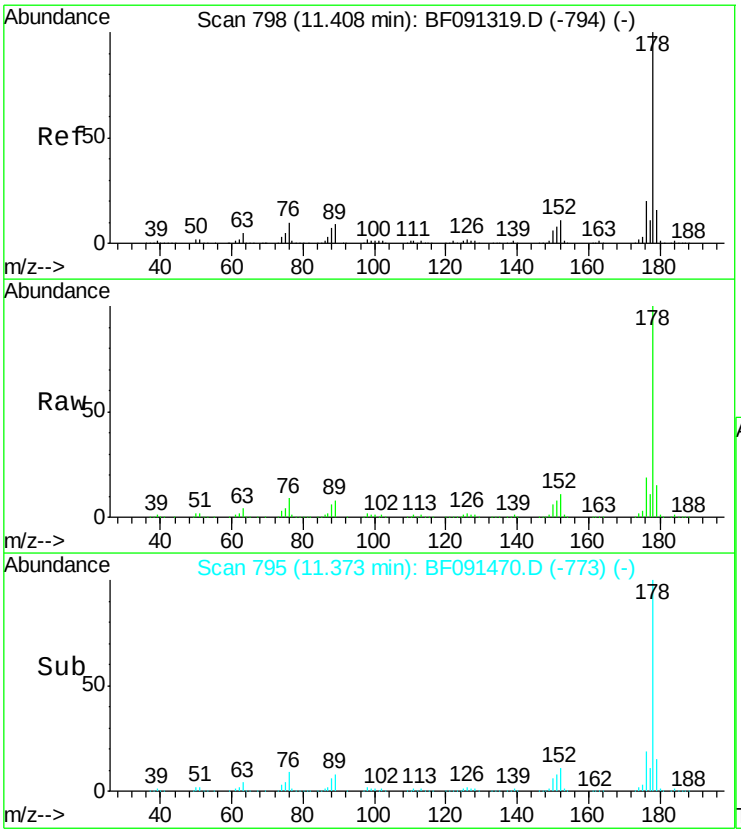

#69
Pentachlorophenol
Concen: 44.62 ng
RT: 11.16 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:266 Resp: 148352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.0 | 50.3 | 75.5 |
| 264 | 63.0 | 48.2 | 72.2 |

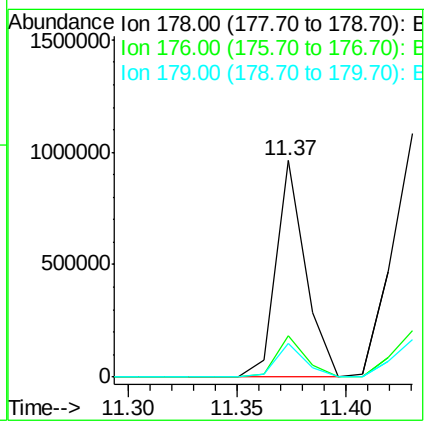


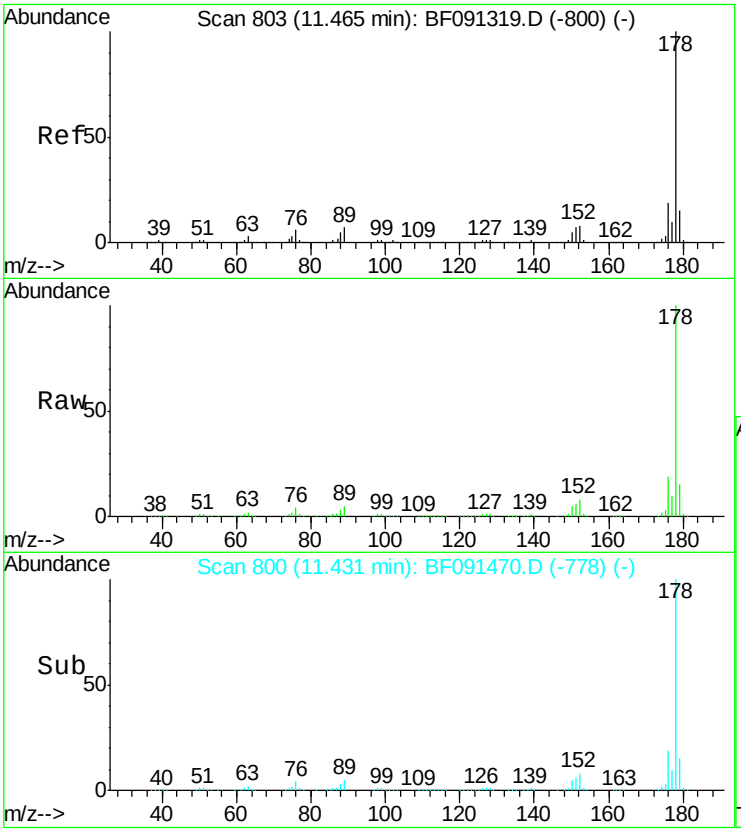




#70
Phenanthrene
Concen: 36.01 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:178 Resp: 909984

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.9 | 23.9 |
| 179 | 15.5 | 12.6 | 18.8 |



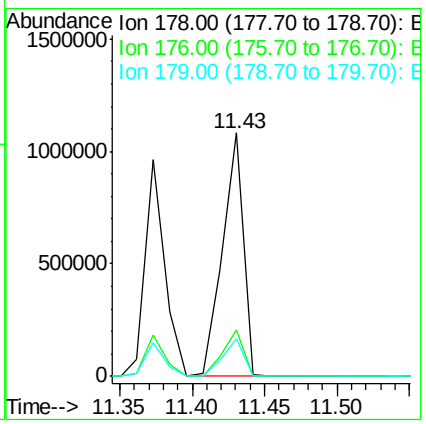


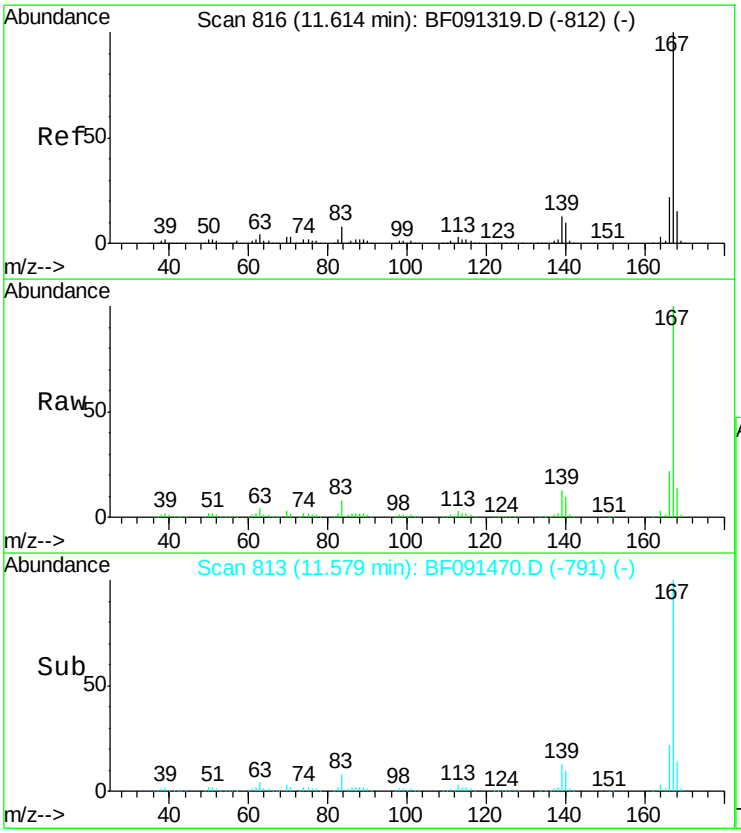

#71
Anthracene
Concen: 43.02 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:178 Resp: 1078800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 15.8 | 23.6 |
| 179 | 15.2 | 12.7 | 19.1 |

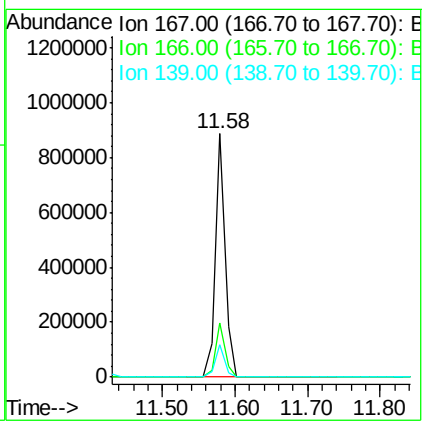


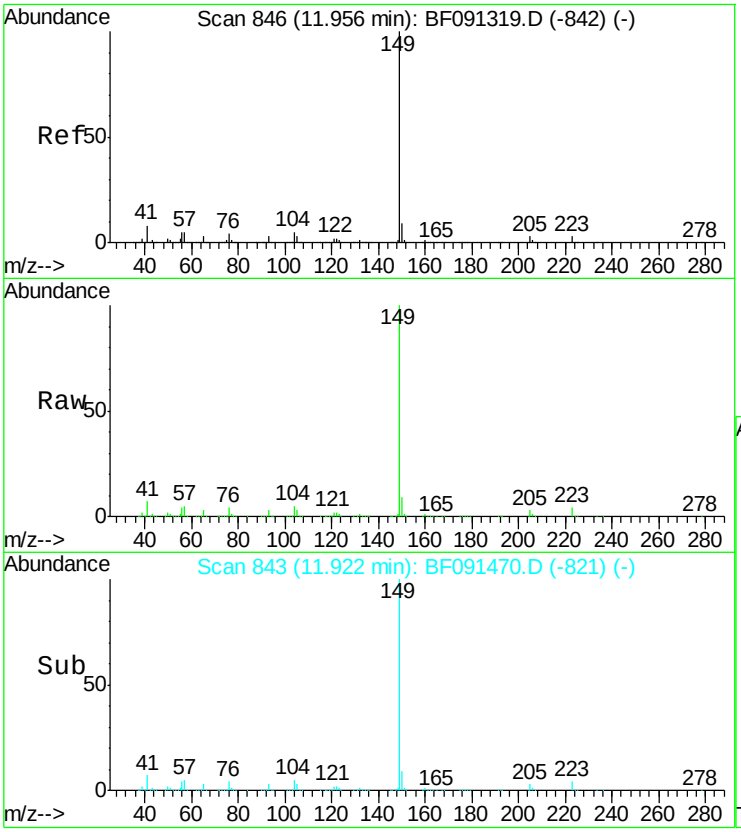




#72
Carbazole
Concen: 36.25 ng
RT: 11.58 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:167 Resp: 824871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.2 | 18.1 | 27.1 |
| 139 | 13.5 | 11.5 | 17.3 |



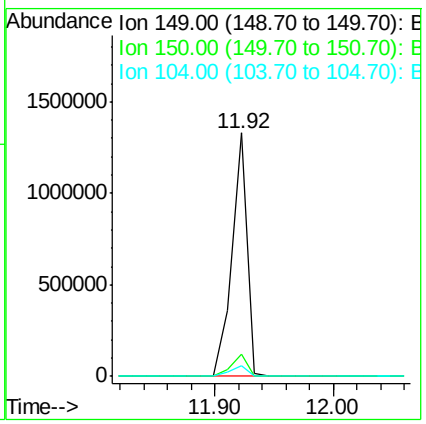


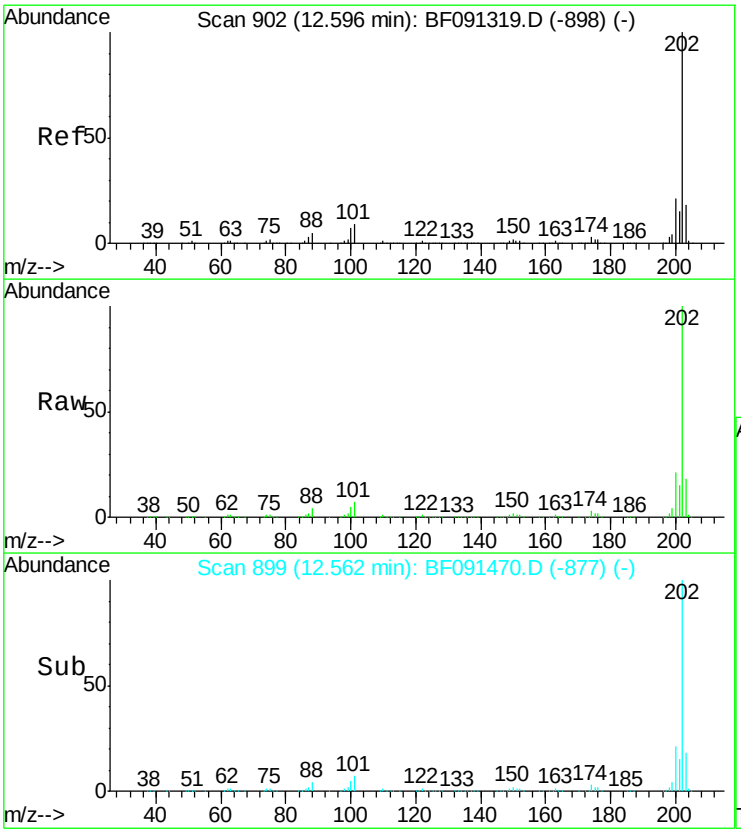

#73
Di-n-butylphthalate
Concen: 45.61 ng
RT: 11.92 min Scan# 843
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 1176281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 7.5 | 11.3 |
| 104 | 4.6 | 4.0 | 6.0 |

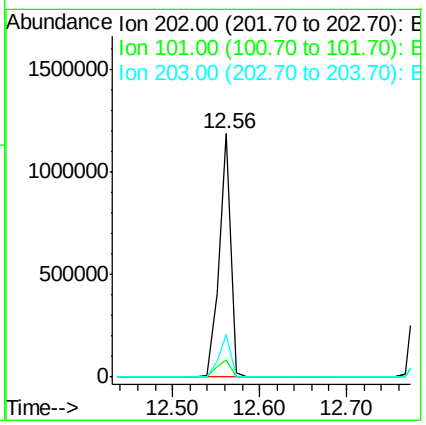


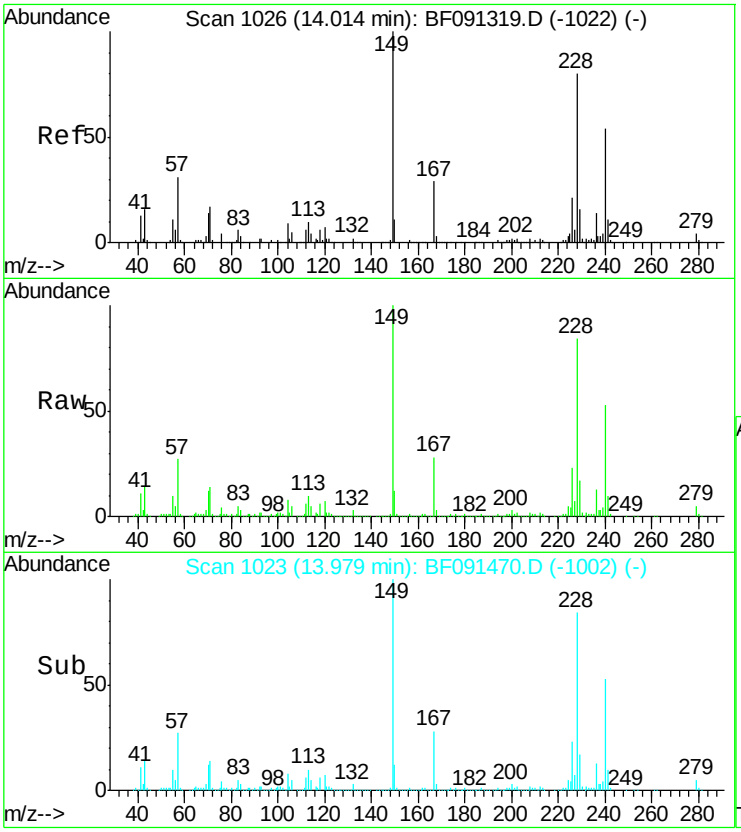




#74
Fluoranthene
Concen: 46.64 ng
RT: 12.56 min Scan# 899
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:202 Resp: 1116338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.0 | 0.0 | 29.5 |
| 203 | 17.7 | 0.0 | 37.8 |



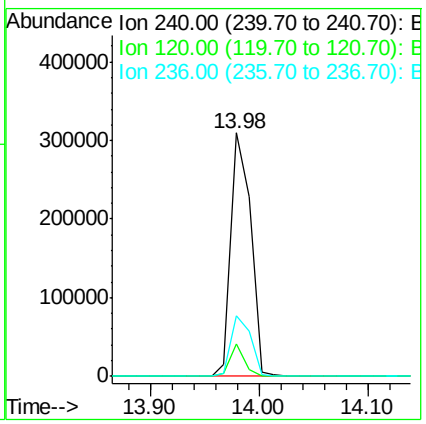


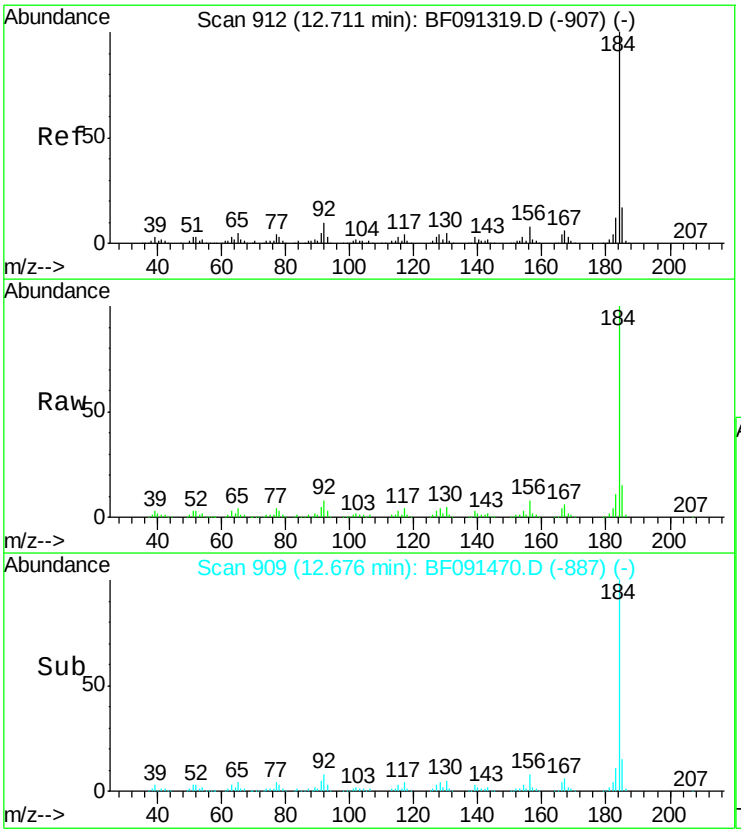

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:240 Resp: 386436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.2 | 12.1 | 18.1 |
| 236 | 25.1 | 21.0 | 31.6 |

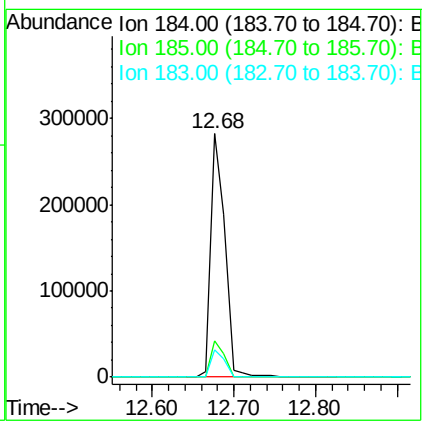


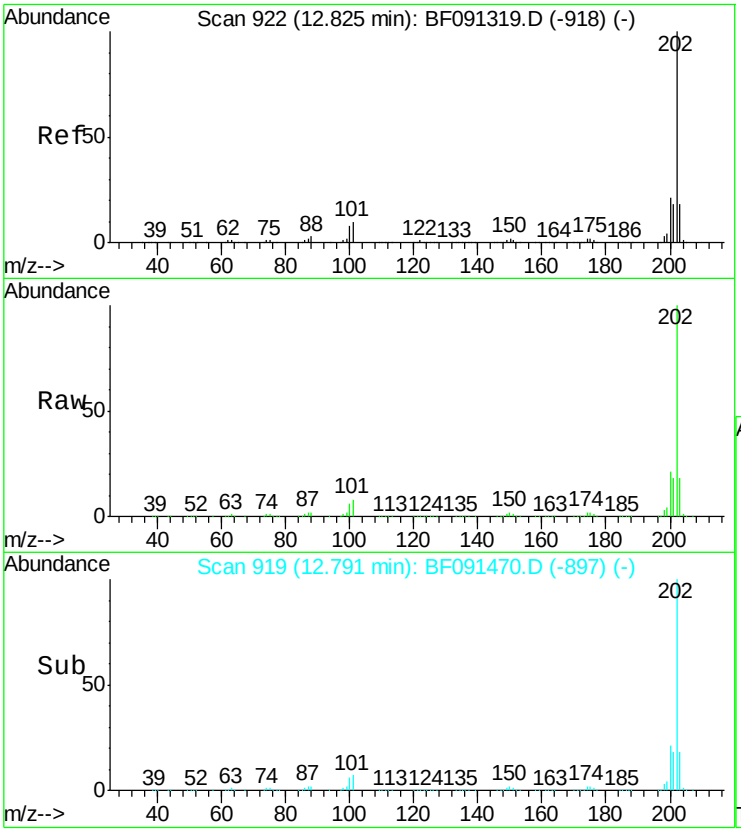




#76
Benzidine
Concen: 30.20 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:184 Resp: 342556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.0 | 13.1 | 19.7 |
| 183 | 11.3 | 8.9 | 13.3 |



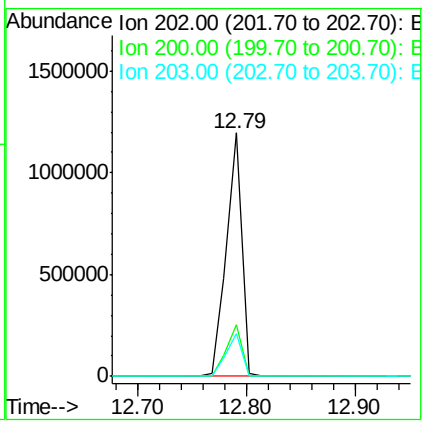


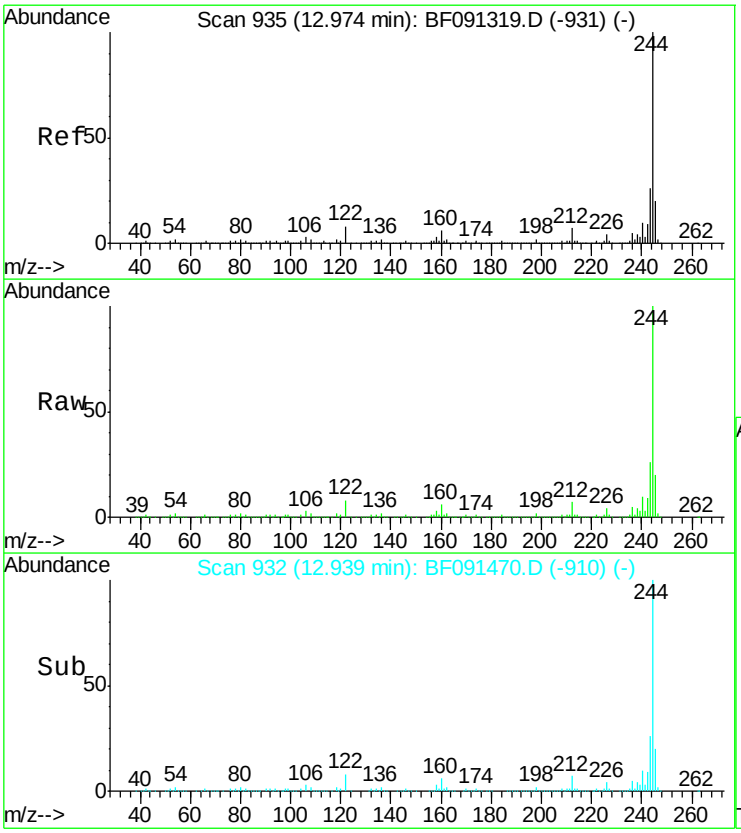

#77
Pyrene
Concen: 40.03 ng
RT: 12.79 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:202 Resp: 1173967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.6 | 26.4 |
| 203 | 17.5 | 14.0 | 21.0 |

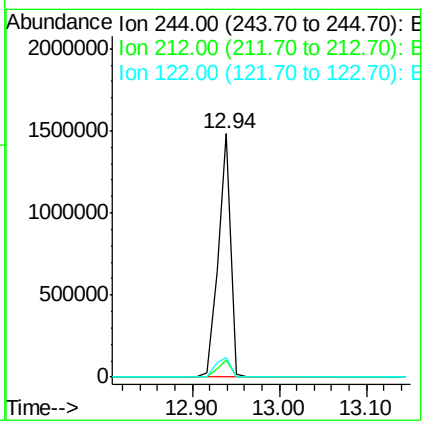


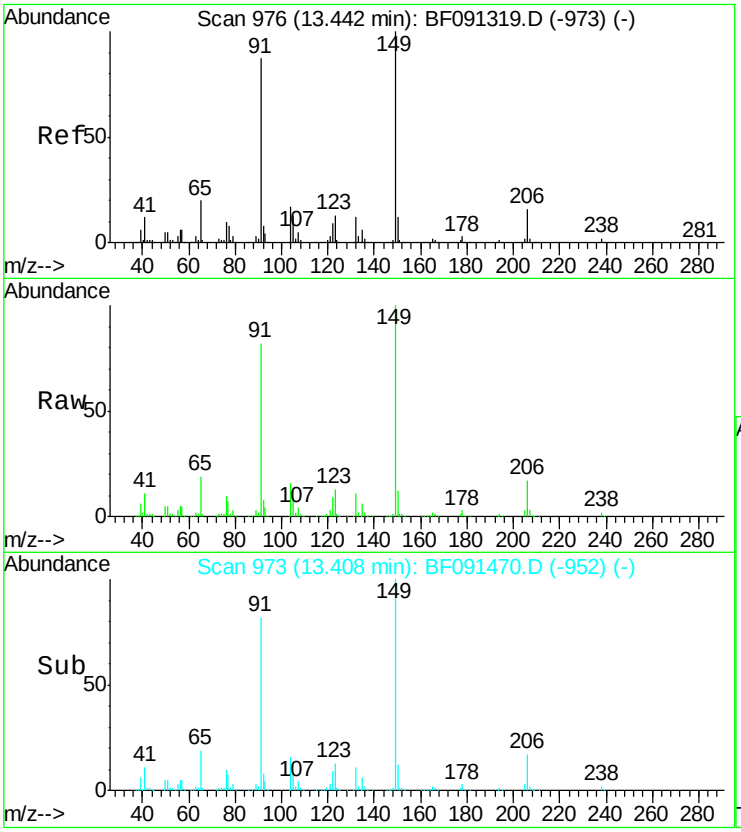




#78
Terphenyl-d14
Concen: 84.06 ng
RT: 12.94 min Scan# 932
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:244 Resp: 1494537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.5 | 9.7 |
| 122 | 8.0 | 9.5 | 14.3# |



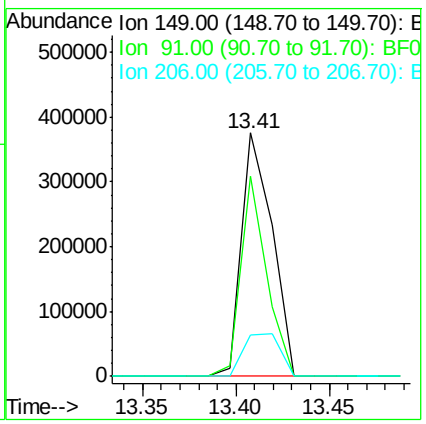


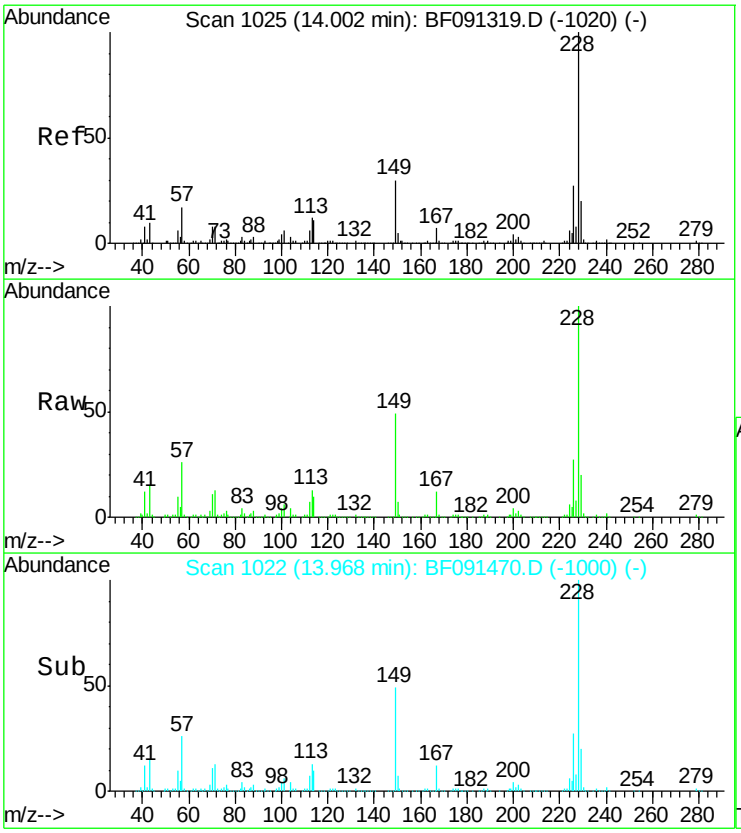

#79
Butylbenzylphthalate
Concen: 38.96 ng
RT: 13.41 min Scan# 973
Delta R.T. -0.06 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 427895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 82.2 | 57.4 | 86.2 |
| 206 | 17.0 | 15.4 | 23.2 |

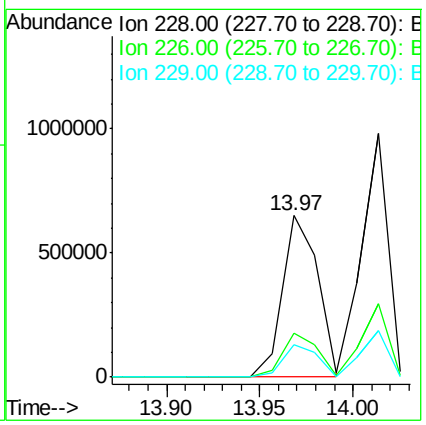


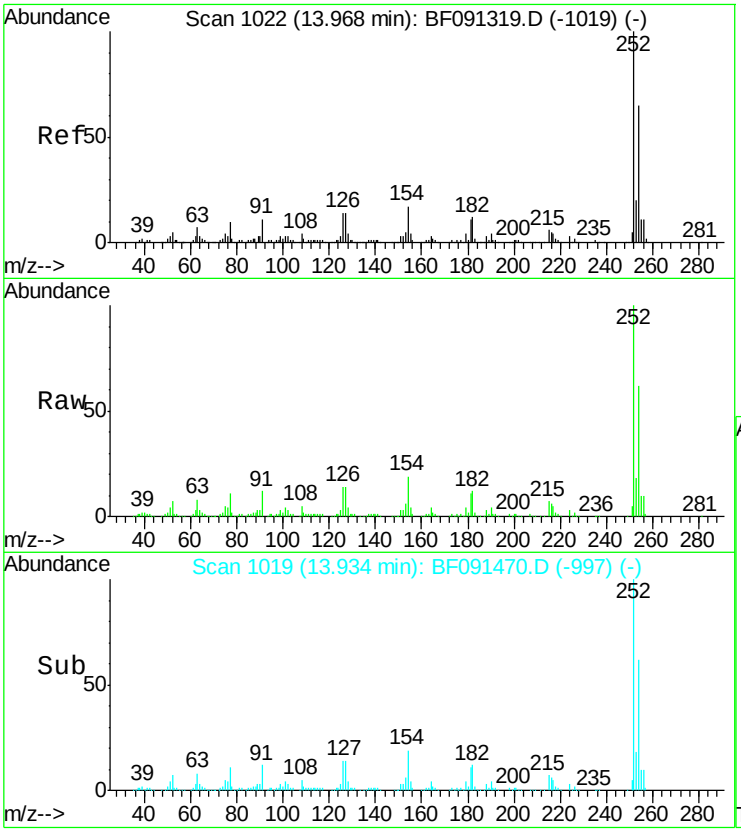




#80
Benzo(a)anthracene
Concen: 38.15 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:228 Resp: 862192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.8 | 22.5 | 33.7 |
| 229 | 20.1 | 16.4 | 24.6 |



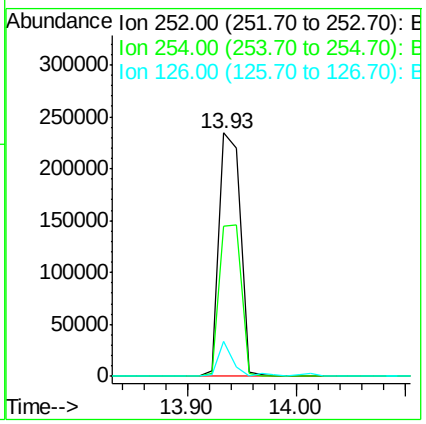


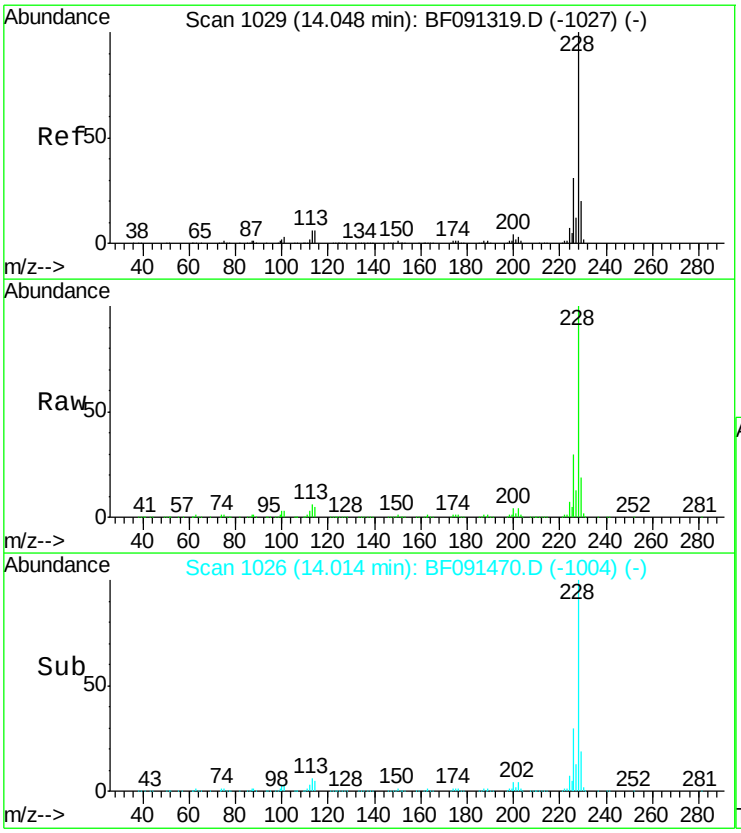

#81
3,3'-Dichlorobenzidine
Concen: 40.20 ng
RT: 13.93 min Scan# 1019
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 320017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 61.9 | 52.1 | 78.1 |
| 126 | 14.4 | 7.5 | 11.3# |

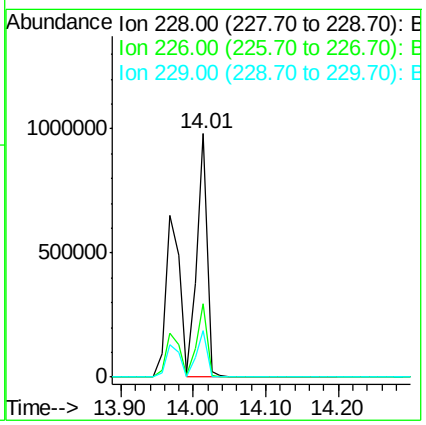


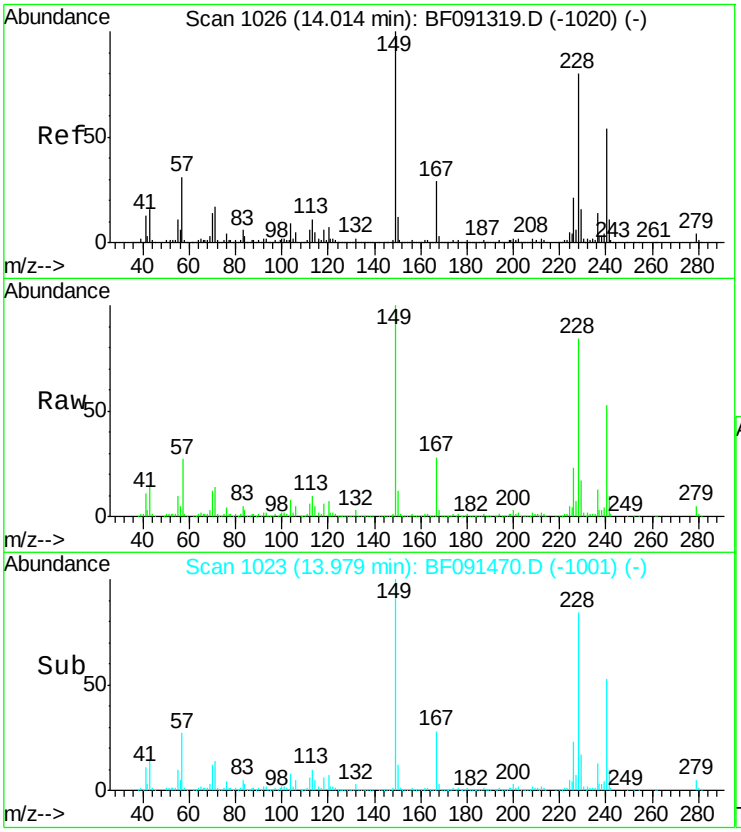




#82
Chrysene
Concen: 42.97 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:228 Resp: 960744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 25.0 | 37.4 |
| 229 | 19.3 | 16.0 | 24.0 |



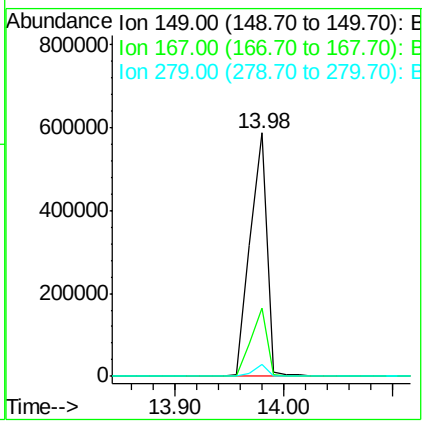


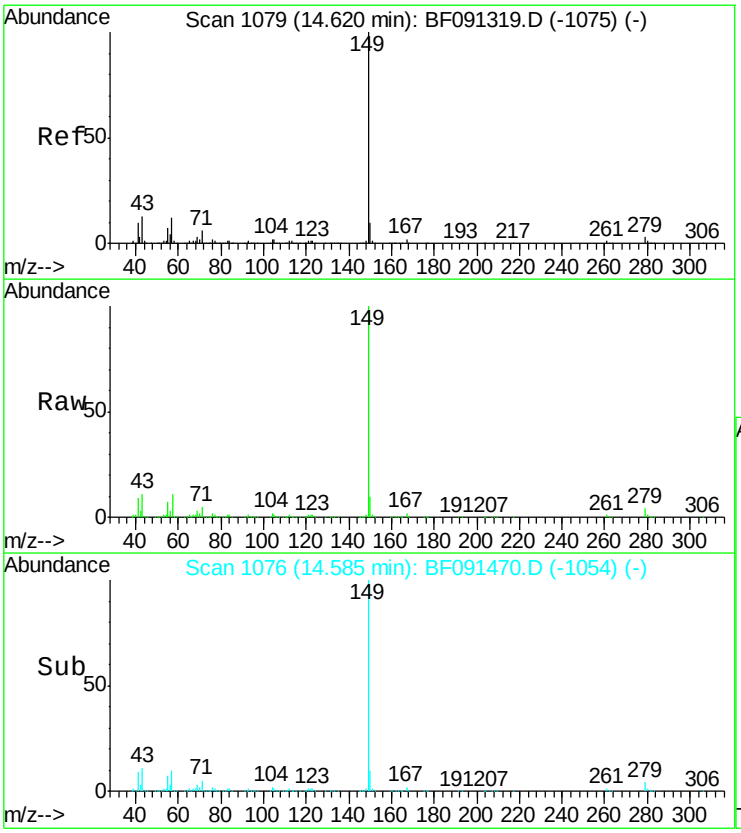

#83
Bis(2-ethylhexyl)phthalate
Concen: 45.71 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:149 Resp: 636268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.3 | 19.6 | 29.4 |
| 279 | 4.7 | 1.9 | 2.9# |

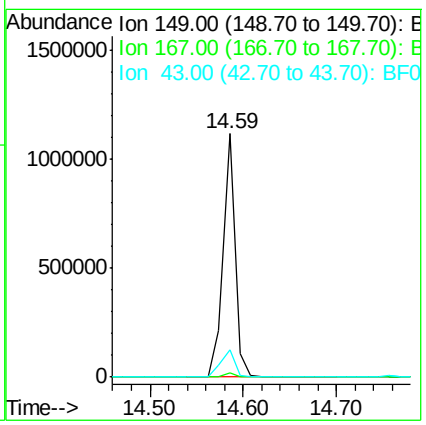


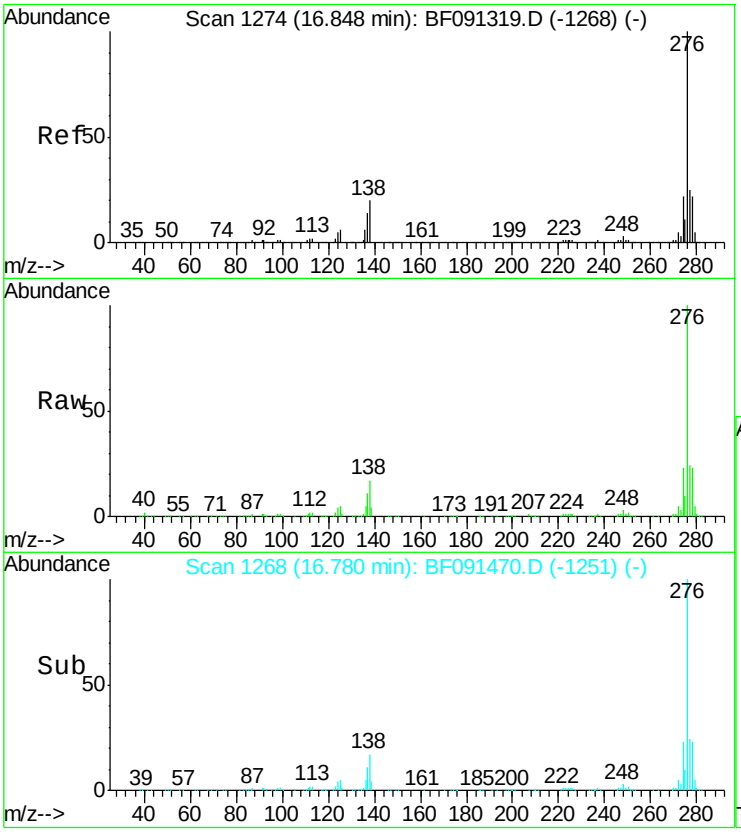




#84
Di-n-octyl phthalate
Concen: 47.42 ng
RT: 14.59 min Scan# 1076
Delta R.T. -0.05 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:149 Resp: 998732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 13.0 | 11.9 | 17.9 |



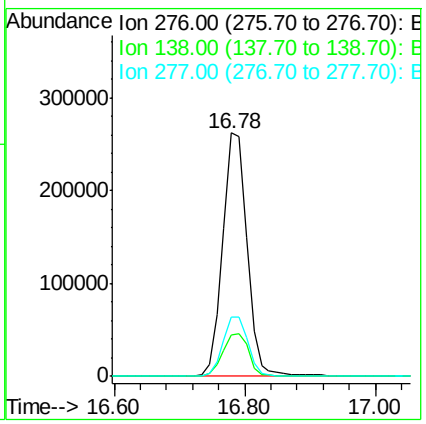


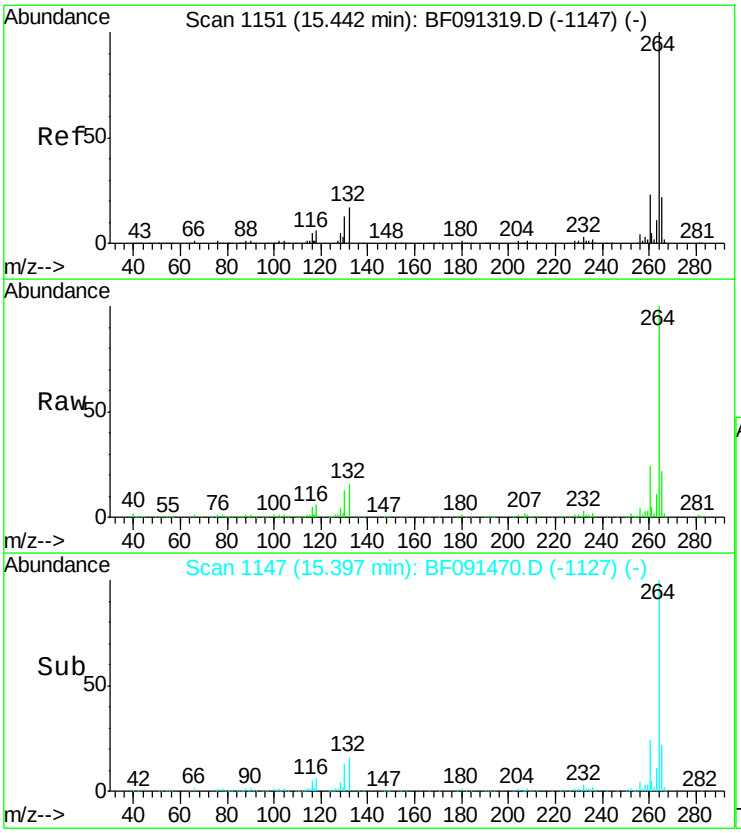

#85
Indeno(1,2,3-cd)pyrene
Concen: 33.14 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.11 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 678641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.6 | 21.0 | 31.4# |
| 277 | 25.1 | 20.2 | 30.2 |

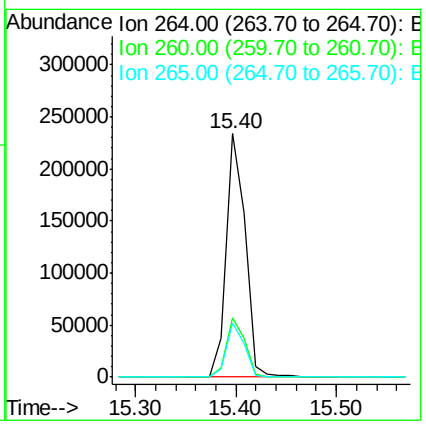


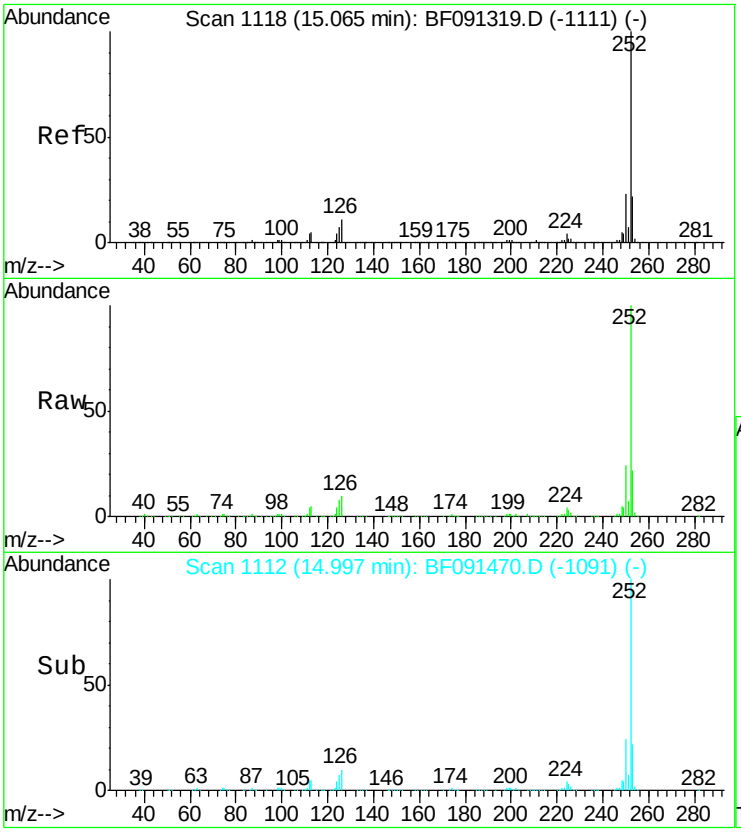




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:264 Resp: 306675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 18.8 | 28.2 |
| 265 | 22.2 | 17.0 | 25.6 |



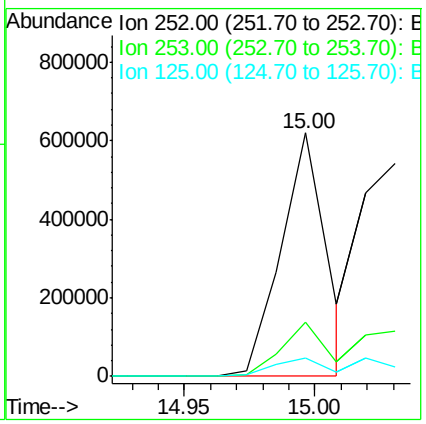


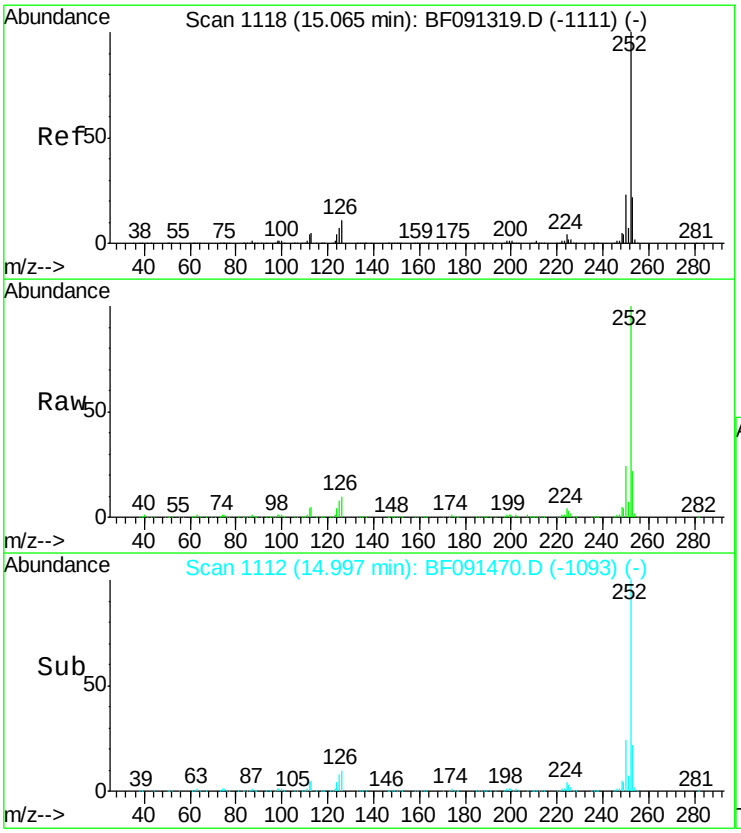

#87
Benzo(b)fluoranthene
Concen: 38.90 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 741465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.2 | 27.2 |
| 125 | 7.5 | 8.6 | 13.0# |

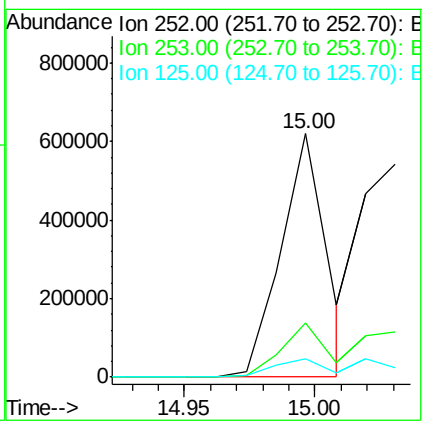


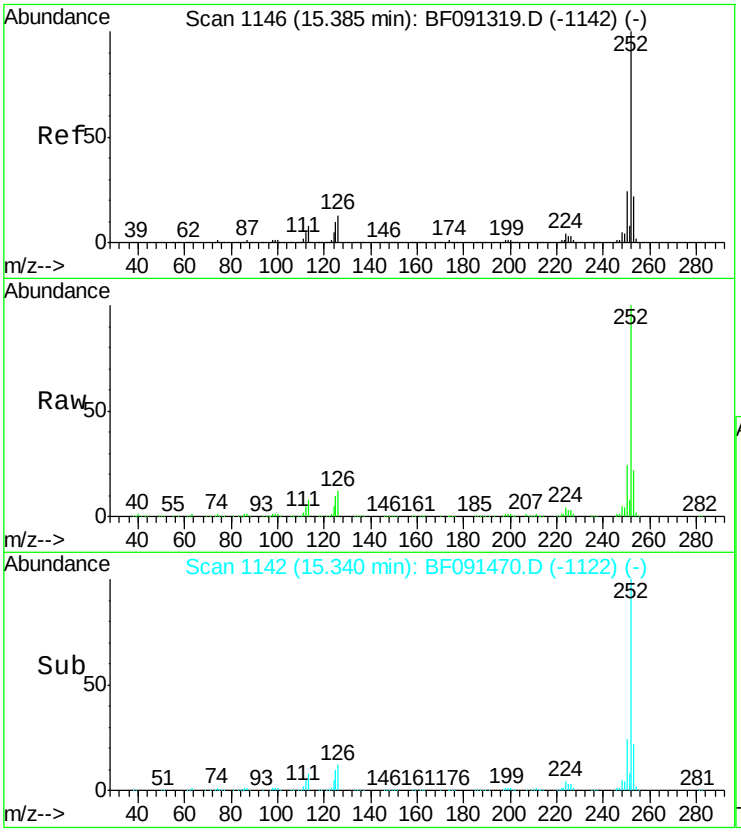




#88
Benzo(k)fluoranthene
Concen: 46.26 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.09 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:252 Resp: 741465

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 17.8 | 26.8 |
| 125 | 7.5 | 9.6 | 14.4# |



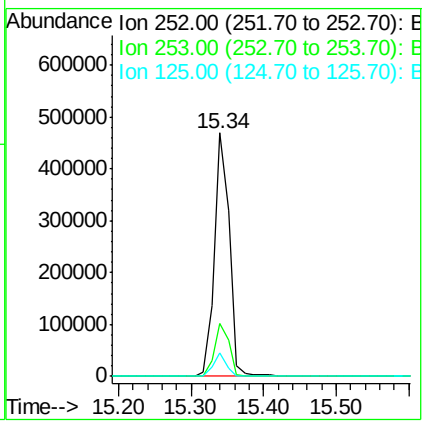


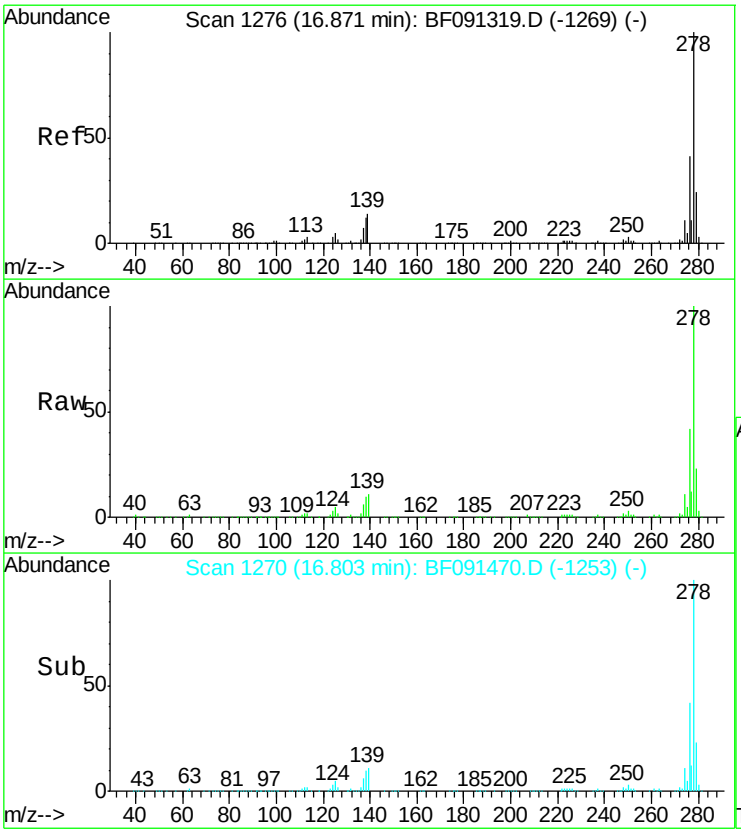

#89
Benzo(a)pyrene
Concen: 39.17 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.07 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:252 Resp: 670507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 18.2 | 27.4 |
| 125 | 9.6 | 10.4 | 15.6# |

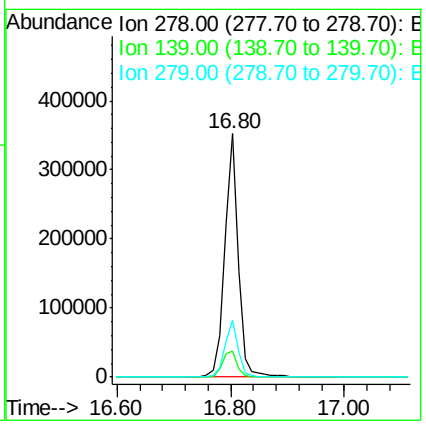


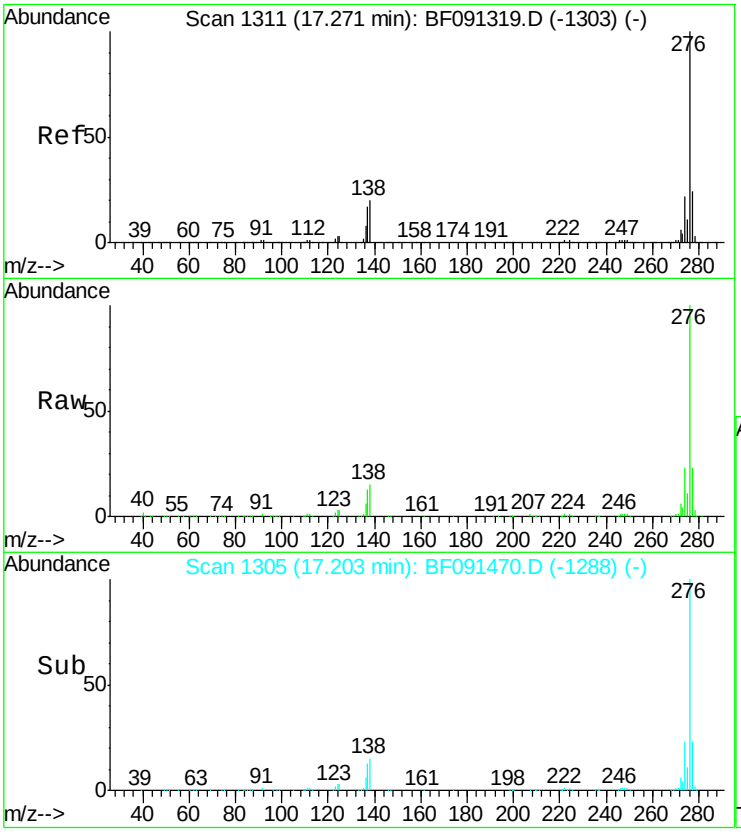




#90
Dibenzo(a,h)anthracene
Concen: 37.11 ng
RT: 16.80 min Scan# 1270
Delta R.T. -0.11 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

Tgt Ion:278 Resp: 587527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 10.7 | 15.1 | 22.7# |
| 279 | 23.1 | 19.0 | 28.6 |






#91
Benzo(g,h,i)perylene
Concen: 34.13 ng
RT: 17.20 min Scan# 1305
Delta R.T. -0.11 min
Lab File: BF091470.D
Acq: 7 Dec 2016 15:30

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

Tgt Ion:276 Resp: 557181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.4 | 19.0 | 28.4 |
| 138 | 14.8 | 15.4 | 23.0# |