Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089220.D
Acq On : 23 Jul 2016 6:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 25 03:26:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.58 | 152 | 45707 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.87 | 136 | 187154 | 20.00 | ng | | -0.01 |
| 38) Acenaphthene-d10 | 9.61 | 164 | 89700 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.08 | 188 | 175139 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.71 | 240 | 121590 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.05 | 264 | 94304 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.15 | 112 | 226879 | 75.49 | ng | | -0.03 |
| 7) Phenol-d6 | 6.24 | 99 | 295479 | 76.24 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 7.15 | 82 | 274435 | 77.91 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.40 | 330 | 62829 | 77.80 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 8.95 | 172 | 549319 | 84.38 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.67 | 244 | 464289 | 82.82 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.00 | 88 | 48789 | 37.39 | ng | | 94 |
| 3) Pyridine | 2.62 | 79 | 123981 | 37.40 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 2.58 | 42 | 46182 | 33.09 | ng | | 100 |
| 6) Aniline | 6.25 | 93 | 187501 | 35.81 | ng | # | 67 |
| 8) 2-Chlorophenol | 6.36 | 128 | 133690 | 40.09 | ng | | 91 |
| 9) Benzaldehyde | 6.12 | 77 | 68884 | 32.15 | ng | | 98 |
| 10) Phenol | 6.25 | 94 | 177048 | 39.65 | ng | # | 71 |
| 11) bis(2-Chloroethyl)ether | 6.33 | 93 | 135094 | 40.29 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.51 | 146 | 135936 | 36.91 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.59 | 146 | 147565 | 39.79 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 6.75 | 146 | 144949 | 41.45 | ng | | 99 |
| 15) Benzyl Alcohol | 6.74 | 79 | 97657 | 34.41 | ng | | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.87 | 45 | 152148 | 39.82 | ng | # | 72 |
| 17) 2-Methylphenol | 6.86 | 107 | 95536 | 36.37 | ng | | 96 |
| 18) Hexachloroethane | 7.08 | 117 | 54565 | 39.14 | ng | | 100 |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70 | 97220 | 38.35 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.02 | 107 | 130967 | 36.72 | ng | # | 79 |
| 22) Acetophenone | 7.00 | 105 | 200688 | 40.16 | ng | | 99 |
| 24) Nitrobenzene | 7.18 | 77 | 147615 | 39.74 | ng | | 97 |
| 25) Isophorone | 7.42 | 82 | 254674 | 39.23 | ng | | 99 |
| 26) 2-Nitrophenol | 7.50 | 139 | 66531 | 38.40 | ng | # | 79 |
| 27) 2,4-Dimethylphenol | 7.54 | 122 | 109505 | 37.51 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.63 | 93 | 165337 | 40.72 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.74 | 162 | 108293 | 41.16 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 7.82 | 180 | 118567 | 40.71 | ng | | 99 |
| 31) Naphthalene | 7.88 | 128 | 369344 | 36.57 | ng | | 99 |
| 32) Benzoic acid | 7.70 | 122 | 81118 | 36.13 | ng | | 94 |
| 33) 4-Chloroaniline | 7.95 | 127 | 166402 | 39.17 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.01 | 225 | 64910 | 40.05 | ng | | 99 |
| 35) Caprolactam | 8.33 | 113 | 33100 | 40.51 | ng | | 88 |
| 36) 4-Chloro-3-methylphenol | 8.44 | 107 | 128149 | 40.43 | ng | | 96 |
| 37) 2-Methylnaphthalene | 8.58 | 142 | 253128 | 39.29 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.75 | 216 | 128330 | 38.49 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.73 | 237 | 34661 | 36.22 | ng | | 98 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089220.D
Acq On : 23 Jul 2016 6:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 25 03:26:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.87 | 196 | 67555 | 36.20 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 8.91 | 196 | 74390 | 39.71 | ng | | 98 |
| 45) 1,1'-Biphenyl | 9.05 | 154 | 312229 | 38.65 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.06 | 162 | 236698 | 38.56 | ng | | 99 |
| 47) 2-Nitroaniline | 9.18 | 65 | 79614 | 37.81 | ng | # | 72 |
| 48) Acenaphthylene | 9.47 | 152 | 392947 | 40.72 | ng | | 100 |
| 49) Dimethylphthalate | 9.36 | 163 | 282330 | 41.02 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.42 | 165 | 63072 | 40.59 | ng | # | 88 |
| 51) Acenaphthene | 9.64 | 154 | 217046 | 38.02 | ng | | 99 |
| 52) 3-Nitroaniline | 9.59 | 138 | 71944 | 38.98 | ng | | 88 |
| 53) 2,4-Dinitrophenol | 9.70 | 184 | 20312 | 31.43 | ng | | 90 |
| 54) Dibenzofuran | 9.82 | 168 | 301486 | 39.08 | ng | | 99 |
| 55) 4-Nitrophenol | 9.77 | 139 | 29227 | 26.17 | ng | | 99 |
| 56) 2,4-Dinitrotoluene | 9.82 | 165 | 78744 | 39.34 | ng | | 89 |
| 57) Fluorene | 10.16 | 166 | 269836 | 41.21 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.91 | 232 | 46807 | 34.79 | ng | | 96 |
| 59) Diethylphthalate | 10.04 | 149 | 266811 | 39.09 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.16 | 204 | 120942 | 40.46 | ng | # | 89 |
| 61) 4-Nitroaniline | 10.20 | 138 | 72057 | 40.13 | ng | | 91 |
| 62) Azobenzene | 10.32 | 77 | 300342 | 40.49 | ng | | 88 |
| 64) 4,6-Dinitro-2-methylphenol | 10.23 | 198 | 41971 | 41.16 | ng | | 81 |
| 65) n-Nitrosodiphenylamine | 10.28 | 169 | 227978 | 38.95 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.64 | 248 | 69556 | 40.13 | ng | | 91 |
| 67) Hexachlorobenzene | 10.71 | 284 | 71170 | 38.18 | ng | # | 94 |
| 68) Atrazine | 10.81 | 200 | 70319 | 38.42 | ng | | 99 |
| 69) Pentachlorophenol | 10.90 | 266 | 33447 | 38.89 | ng | | 97 |
| 70) Phenanthrene | 11.11 | 178 | 356091 | 37.06 | ng | | 99 |
| 71) Anthracene | 11.16 | 178 | 415827 | 41.64 | ng | | 99 |
| 72) Carbazole | 11.32 | 167 | 364349 | 41.54 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.67 | 149 | 426269 | 39.29 | ng | # | 98 |
| 74) Fluoranthene | 12.29 | 202 | 387281 | 38.35 | ng | | 99 |
| 76) Benzidine | 12.42 | 184 | 153204 | 36.65 | ng | | 100 |
| 77) Pyrene | 12.51 | 202 | 420611 | 41.89 | ng | | 100 |
| 79) Butylbenzylphthalate | 13.14 | 149 | 171209 | 40.31 | ng | | 91 |
| 80) Benzo(a)anthracene | 13.69 | 228 | 295403 | 38.15 | ng | | 100 |
| 81) 3,3'-Dichlorobenzidine | 13.67 | 252 | 101597 | 39.55 | ng | # | 97 |
| 82) Chrysene | 13.74 | 228 | 310218 | 41.94 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.71 | 149 | 233154 | 41.38 | ng | # | 95 |
| 84) Di-n-octyl phthalate | 14.32 | 149 | 375617 | 40.40 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.26 | 276 | 202222 | 37.64 | ng | | 99 |
| 87) Benzo(b)fluoranthene | 14.72 | 252 | 489111 | 71.61 | ng | # | 93 |
| 88) Benzo(k)fluoranthene | 14.72 | 252 | 489111 | 100.14 | ng | | 99 |
| 89) Benzo(a)pyrene | 14.99 | 252 | 215175 | 40.58 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.27 | 278 | 175328 | 41.88 | ng | # | 94 |
| 91) Benzo(g,h,i)perylene | 16.63 | 276 | 175214 | 41.51 | ng | | 99 |

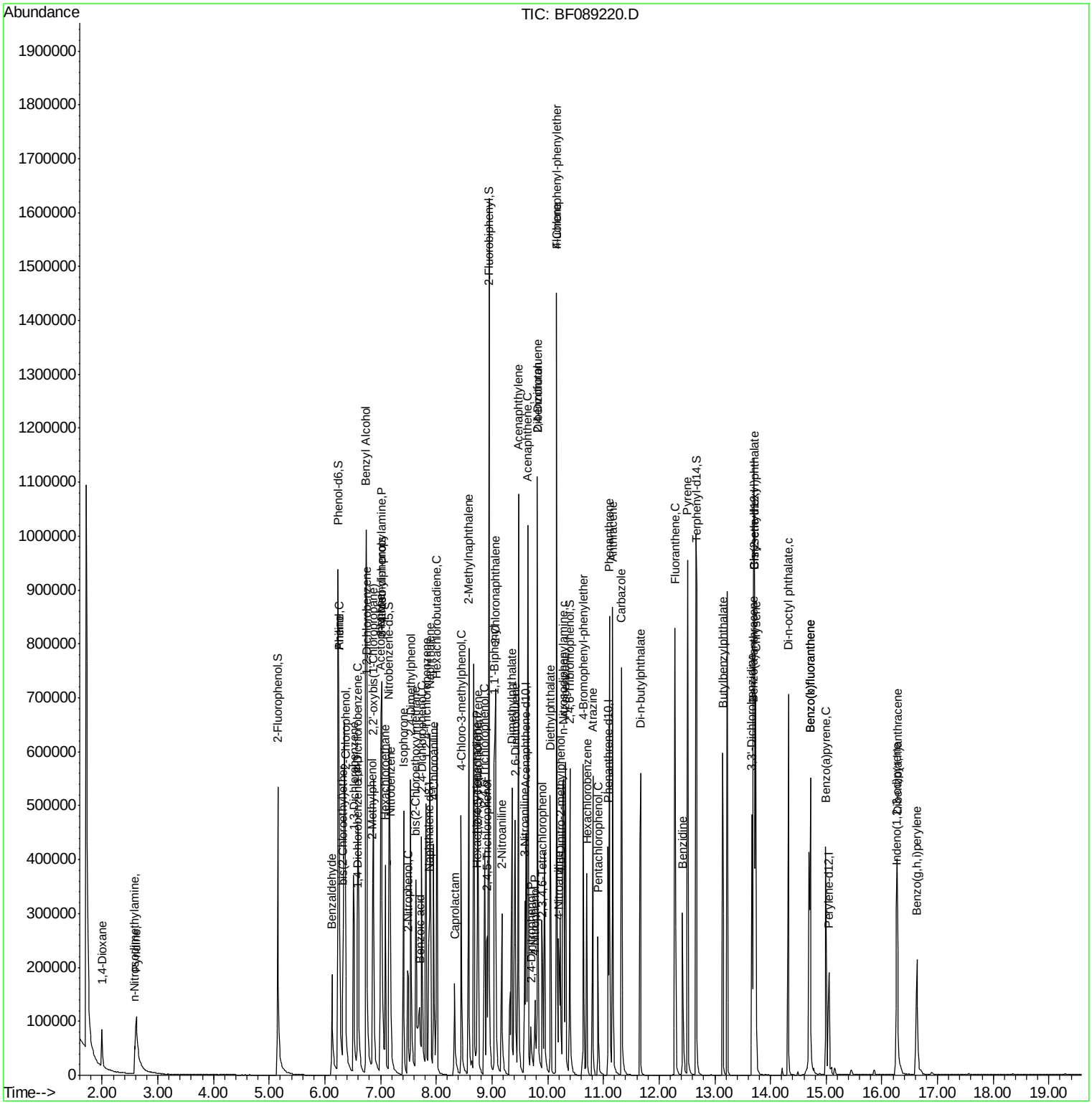
(#) = qualifier out of range (m) = manual integration (+) = signals summed

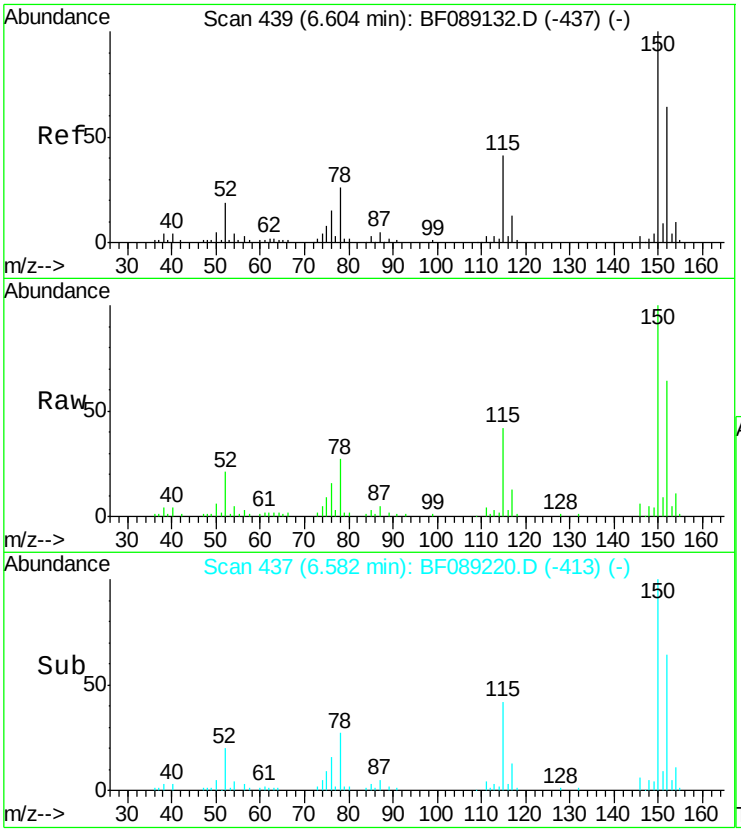
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089220.D
Acq On : 23 Jul 2016 6:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Jul 25 03:26:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration



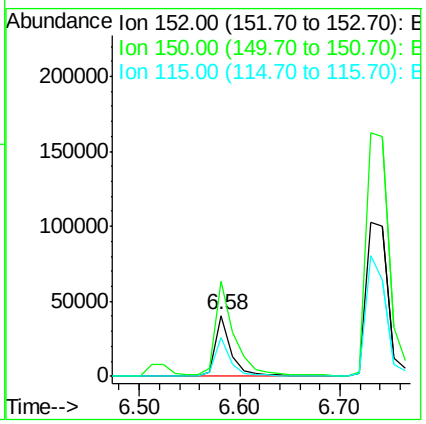


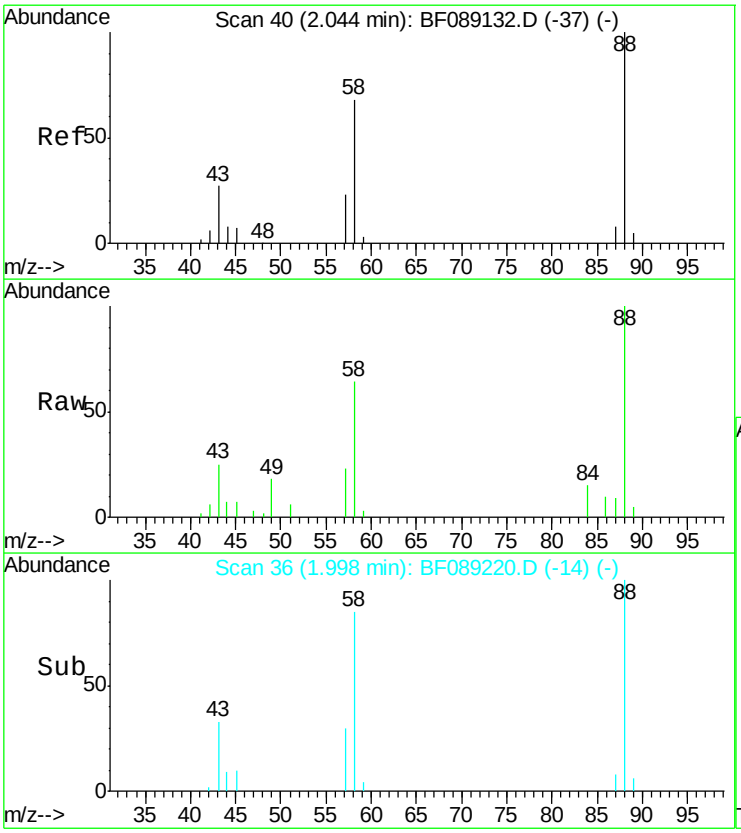

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:152 Resp: 45707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.7 | 125.1 | 187.7 |
| 115 | 64.7 | 51.1 | 76.7 |

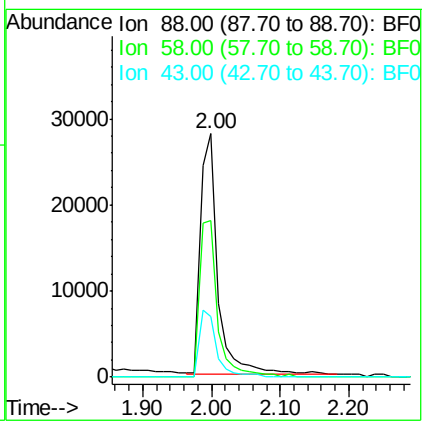


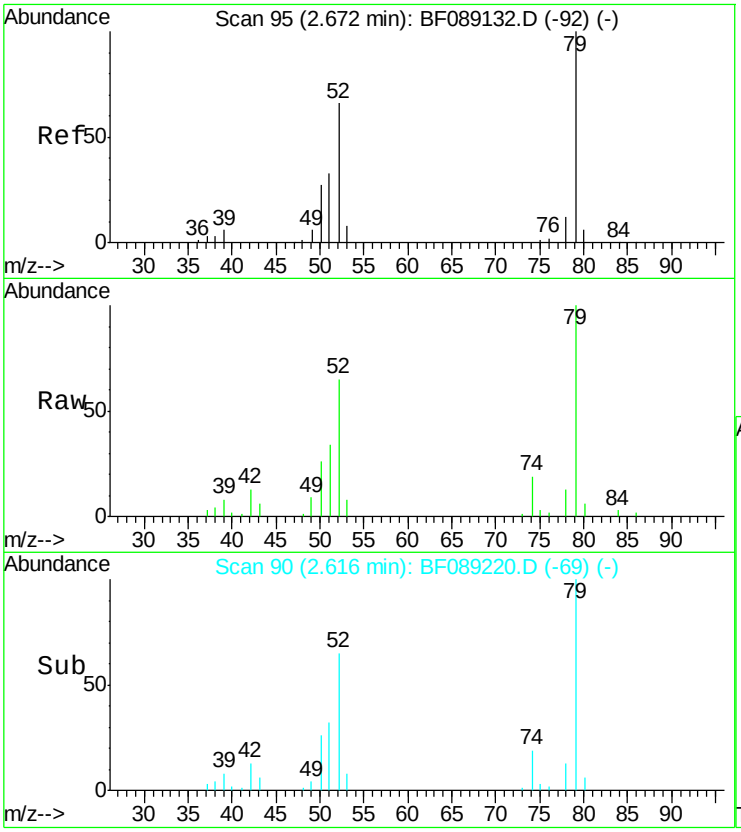




#2
1,4-Dioxane
Concen: 37.39 ng
RT: 2.00 min Scan# 36
Delta R.T. -0.05 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion: 88 Resp: 48789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.9 | 49.2 | 73.8 |
| 43 | 27.4 | 20.6 | 30.8 |



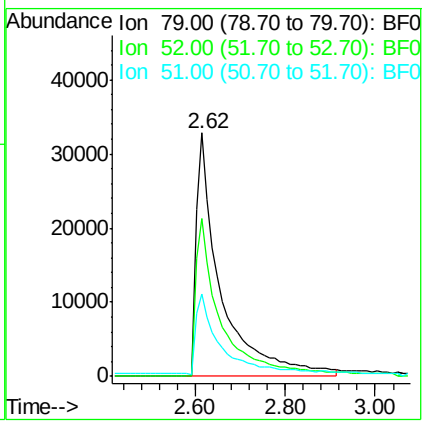


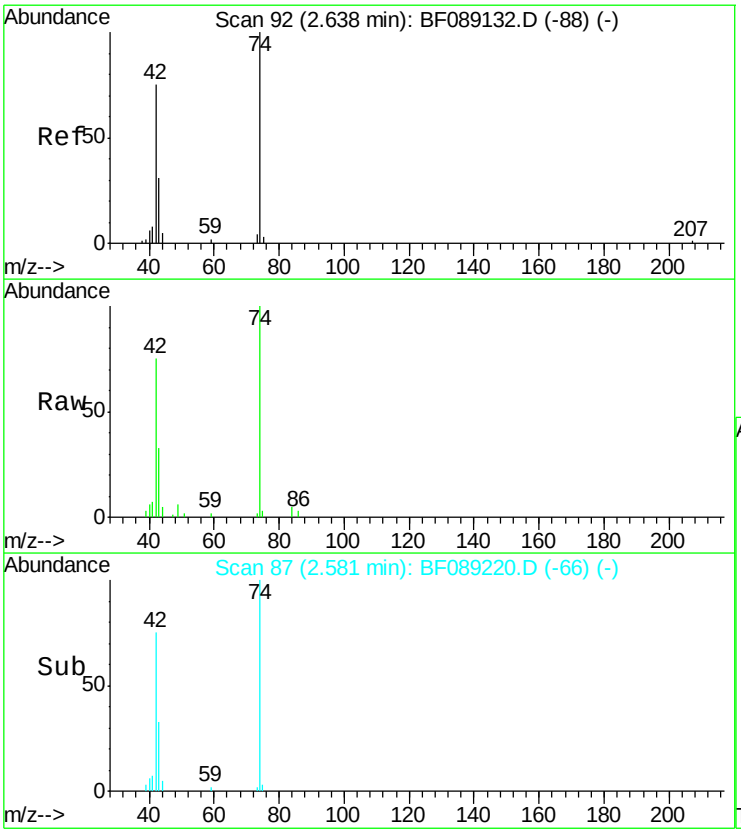

#3
Pyridine
Concen: 37.40 ng
RT: 2.62 min Scan# 90
Delta R.T. -0.06 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion: 79 Resp: 123981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 64.8 | 52.9 | 79.3 |
| 51 | 34.1 | 27.0 | 40.6 |

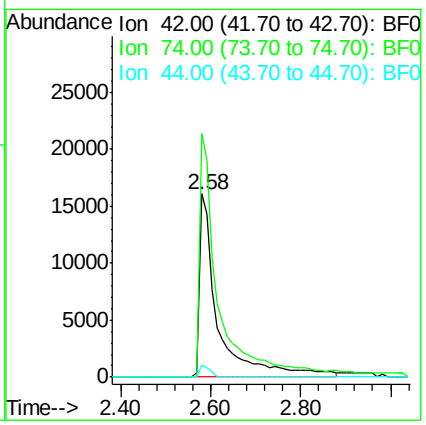


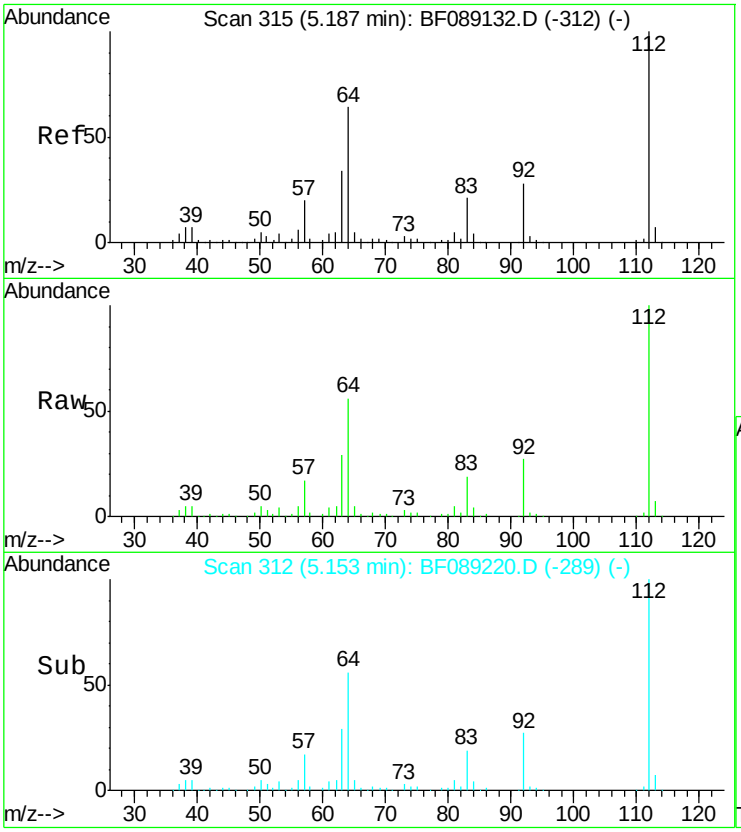




#4
n-Nitrosodimethylamine
Concen: 33.09 ng
RT: 2.58 min Scan# 87
Delta R.T. -0.06 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion: 42 Resp: 46182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 133.1 | 106.4 | 159.6 |
| 44 | 6.3 | 5.2 | 7.8 |



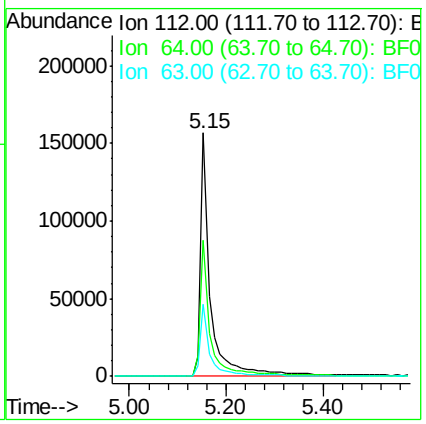


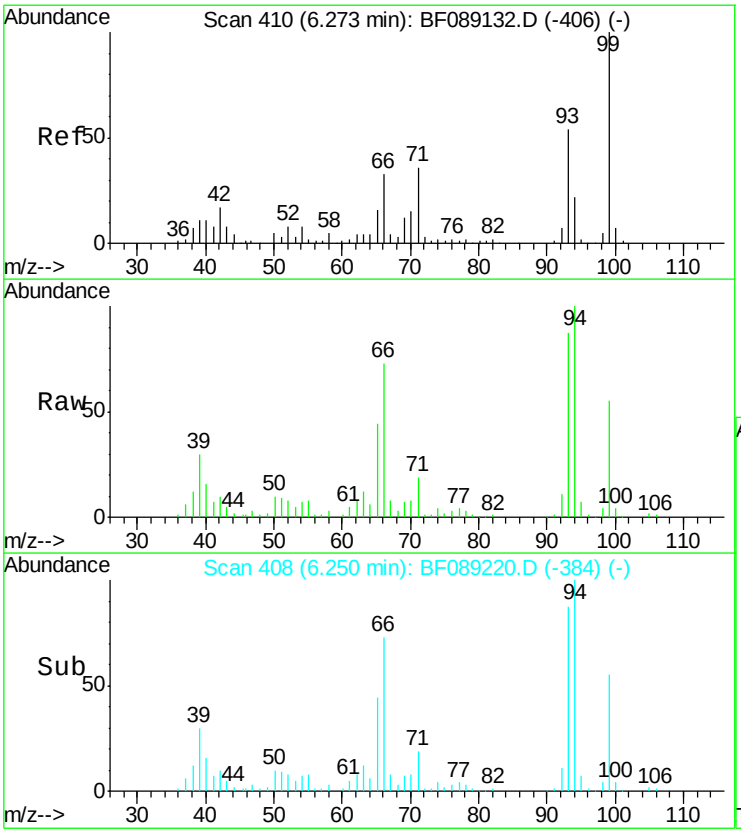

#5
2-Fluorophenol
Concen: 75.49 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.03 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:112 Resp: 226879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.9 | 51.0 | 76.4 |
| 63 | 29.4 | 27.3 | 40.9 |

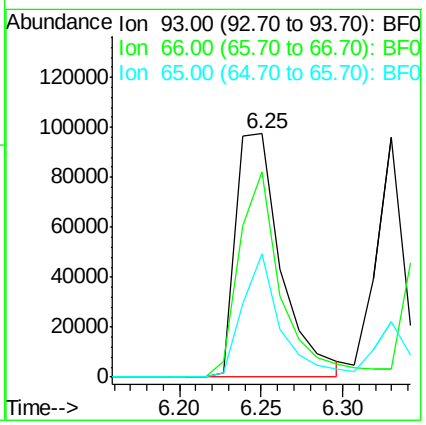


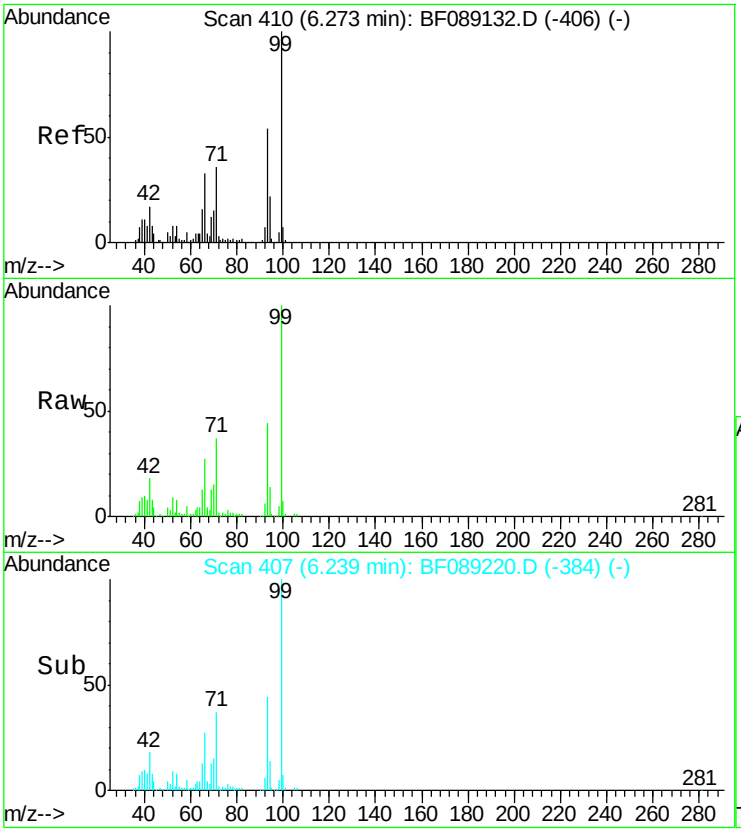




#6
Aniline
Concen: 35.81 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion: 93 Resp: 187501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 84.1 | 48.9 | 73.3# |
| 65 | 50.9 | 23.9 | 35.9# |



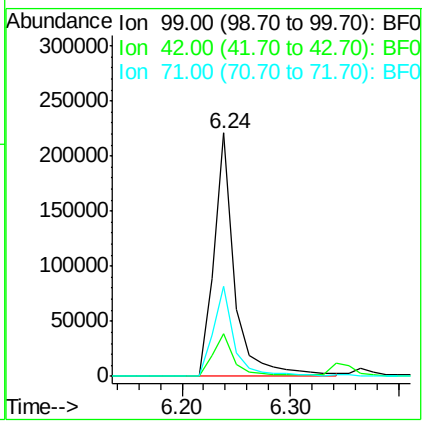


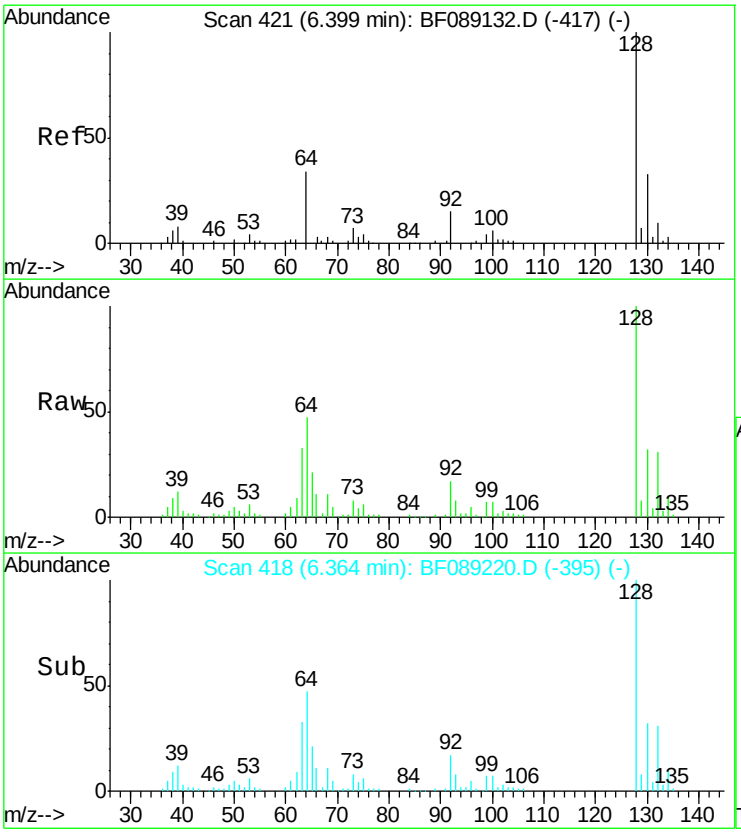

#7
Phenol-d6
Concen: 76.24 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion: 99 Resp: 295479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.6 | 13.5 | 20.3 |
| 71 | 36.9 | 28.9 | 43.3 |

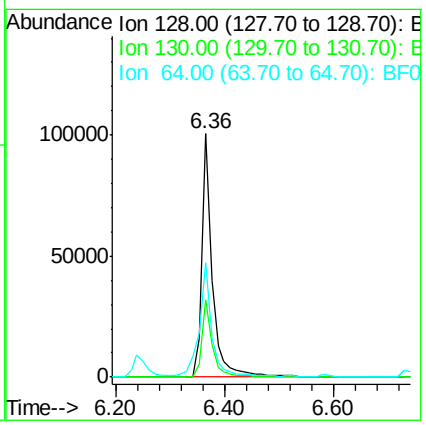


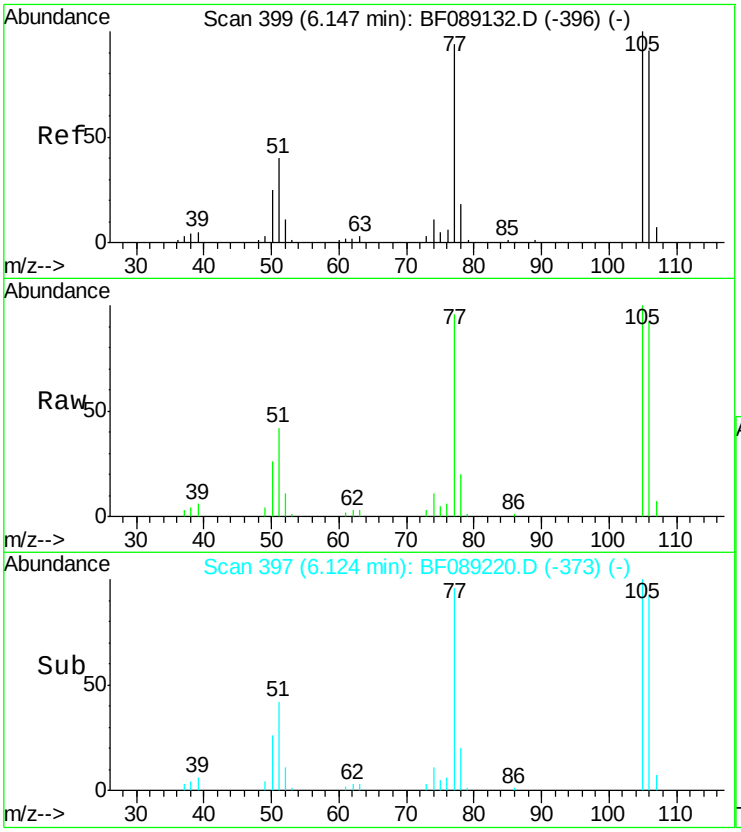




#8
2-Chlorophenol
Concen: 40.09 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:128 Resp: 133690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.8 | 12.6 | 52.6 |
| 64 | 47.2 | 17.5 | 57.5 |



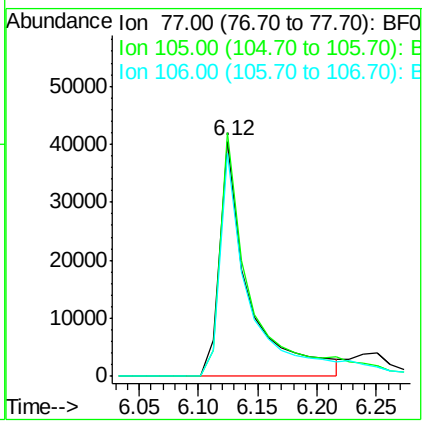


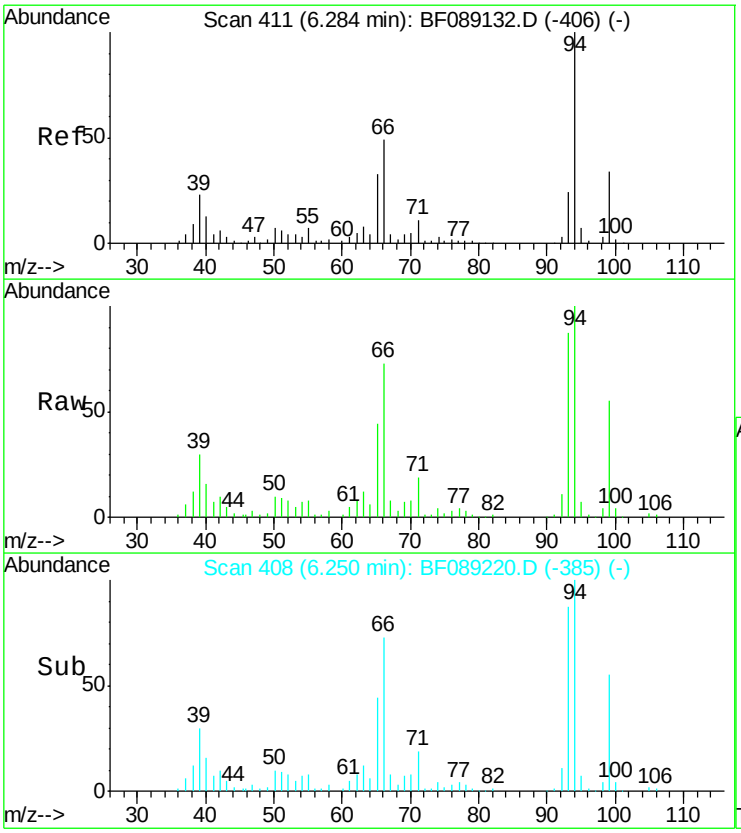

#9
Benzaldehyde
Concen:  32.15 ng
RT: 6.12 min  Scan# 397
Delta R.T.  -0.02 min
Lab File:  BF089220.D
Acq: 23 Jul 2016  6:21

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

Tgt Ion: 77 Resp:  68884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 103.7 | 86.2 | 126.2 |
| 106 | 95.1 | 76.3 | 116.3 |

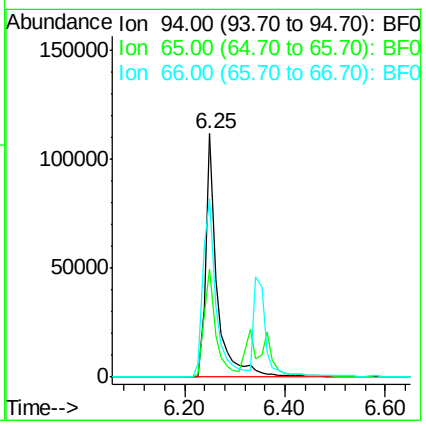


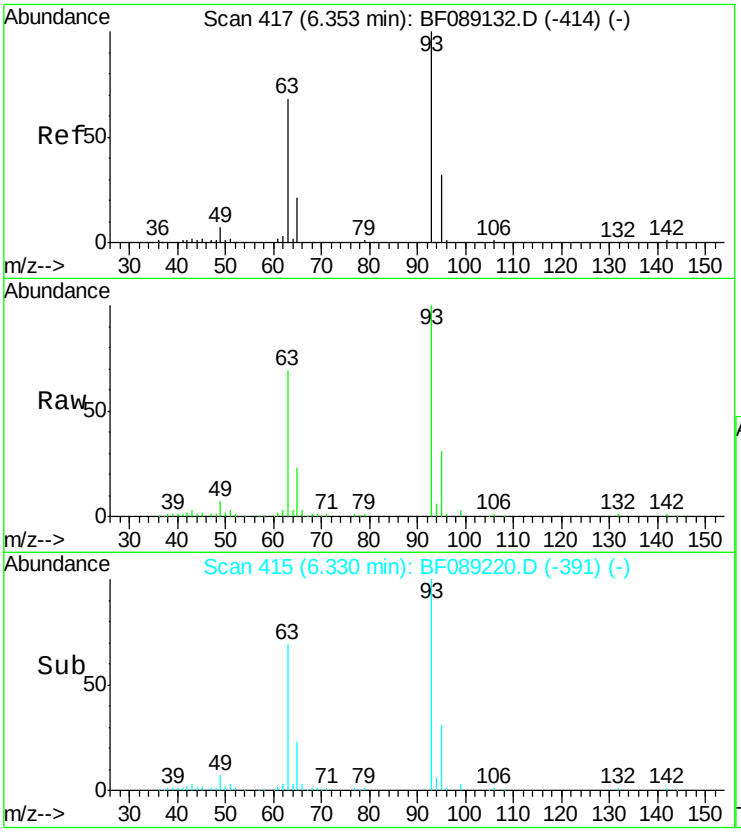




#10
Phenol
Concen:  39.65 ng
RT: 6.25 min  Scan# 408
Delta R.T.  -0.03 min
Lab File:  BF089220.D
Acq: 23 Jul 2016  6:21

Tgt Ion: 94 Resp:  177048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 44.4 | 13.3 | 53.3 |
| 66 | 73.4 | 29.3 | 69.3# |



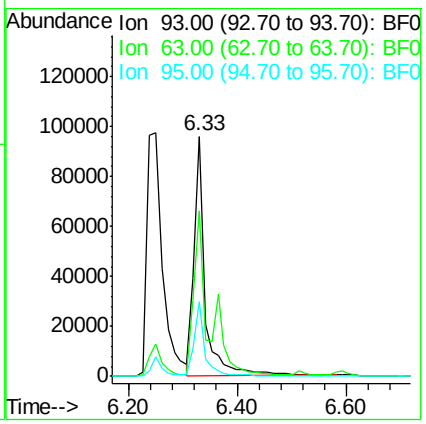


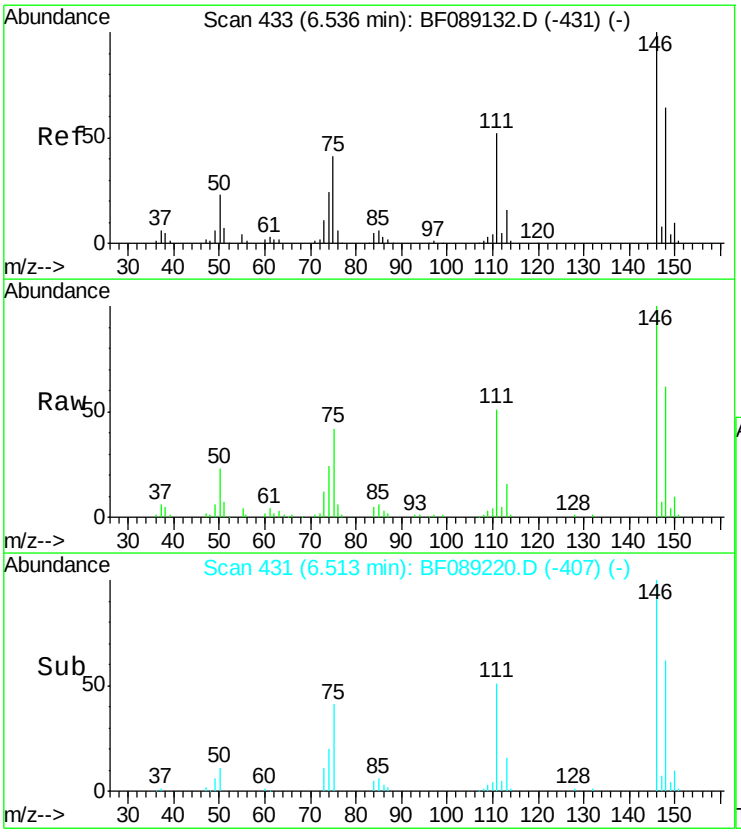

#11
bis(2-Chloroethyl)ether
Concen: 40.29 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion: 93 Resp: 135094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 68.7 | 47.3 | 87.3 |
| 95 | 31.0 | 11.8 | 51.8 |

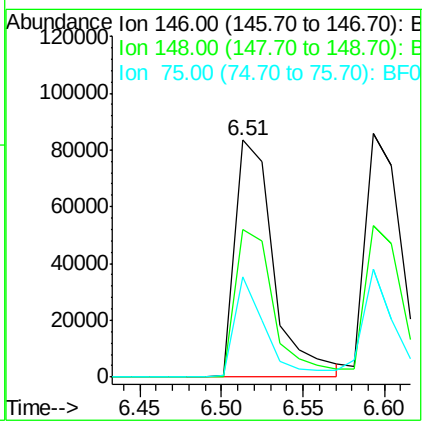


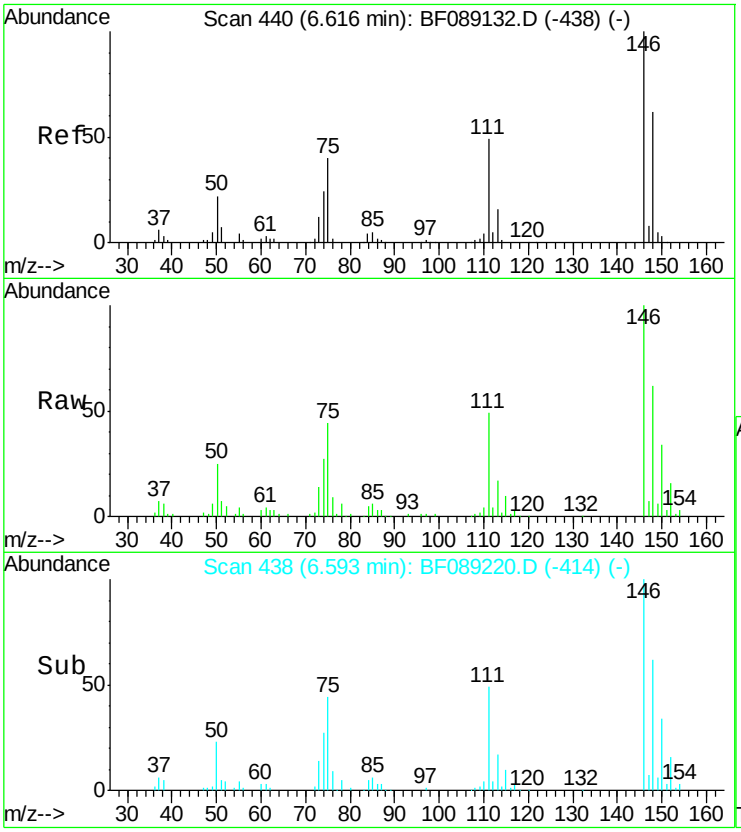




#12
1,3-Dichlorobenzene
Concen: 36.91 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:146 Resp: 135936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.2 | 51.0 | 76.6 |
| 75 | 42.4 | 32.5 | 48.7 |



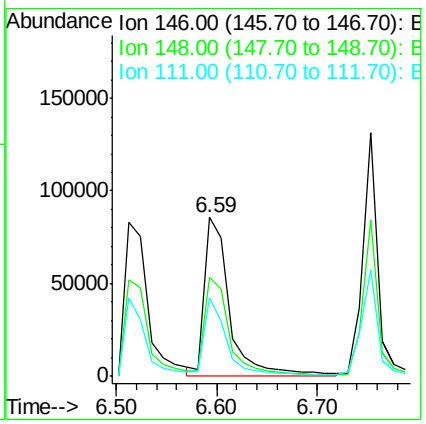


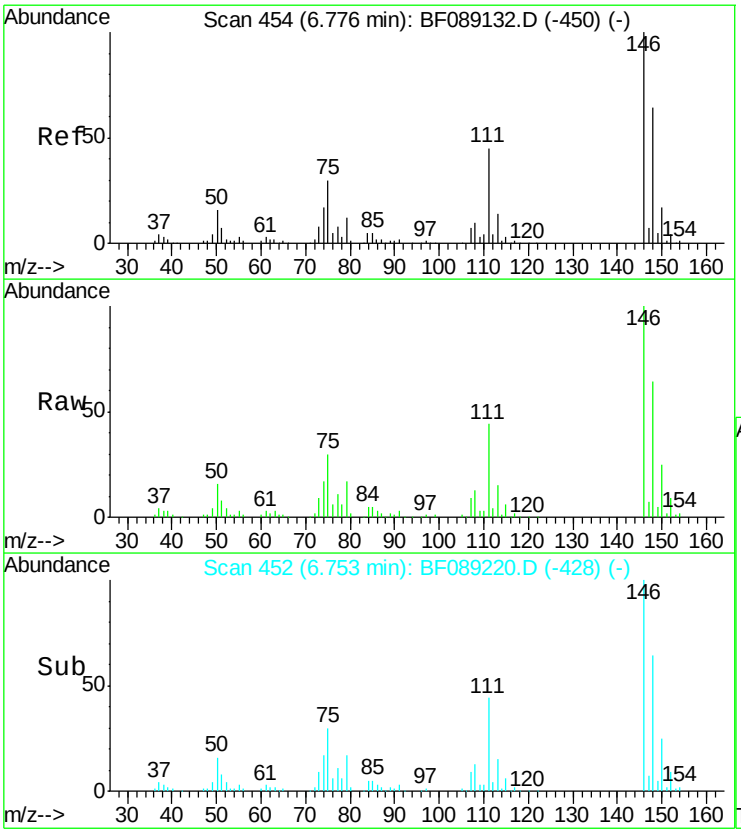

#13
1,4-Dichlorobenzene
Concen: 39.79 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:146 Resp: 147565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.4 | 49.9 | 74.9 |
| 111 | 49.3 | 39.8 | 59.6 |

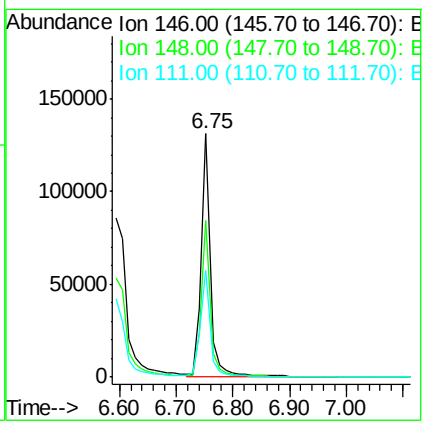


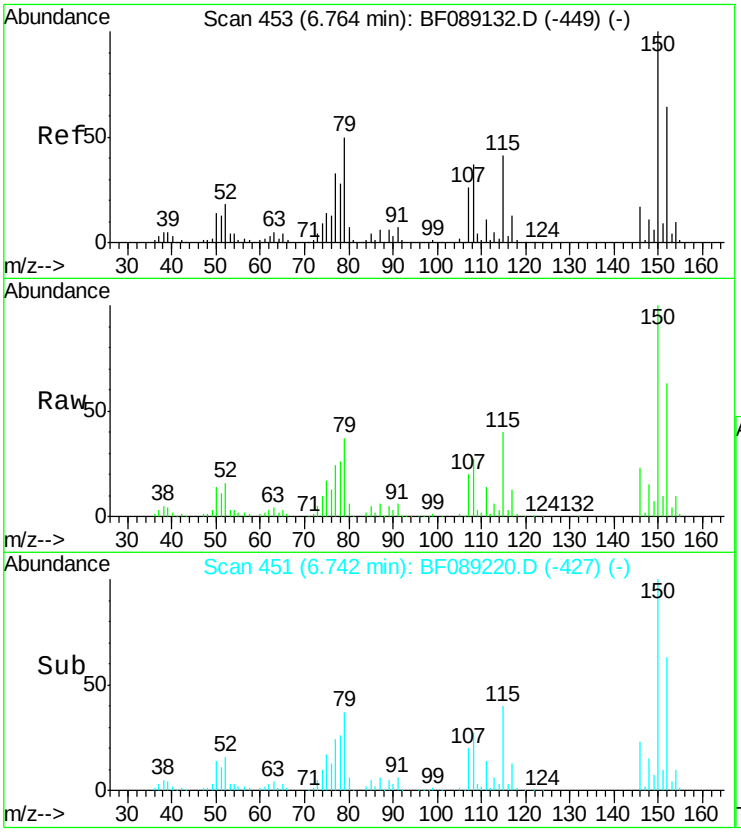




#14
1,2-Dichlorobenzene
Concen: 41.45 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:146 Resp: 144949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.4 | 77.0 |
| 111 | 43.8 | 35.9 | 53.9 |



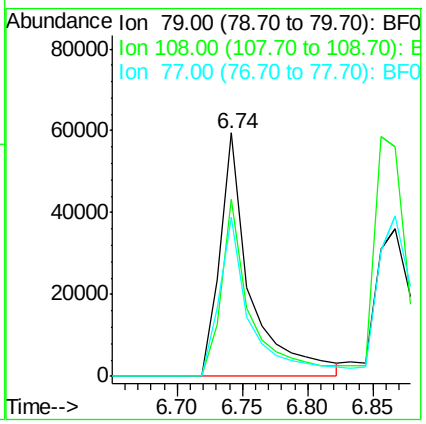


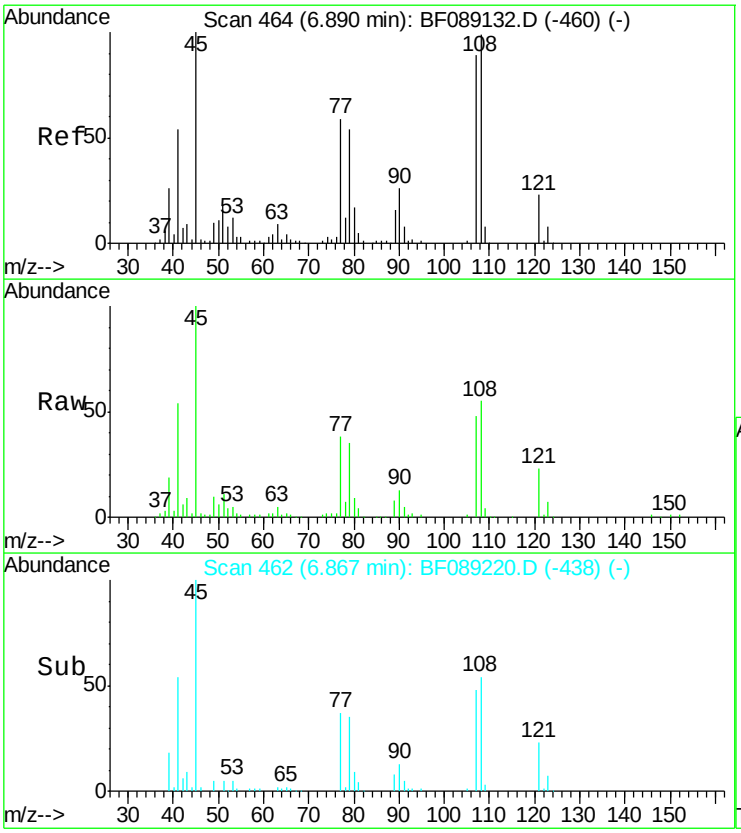

#15
Benzyl Alcohol
Concen: 34.41 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion: 79 Resp: 97657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 72.9 | 58.2 | 87.4 |
| 77 | 65.6 | 52.2 | 78.4 |

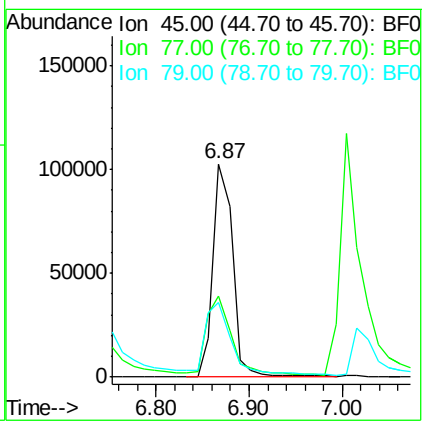


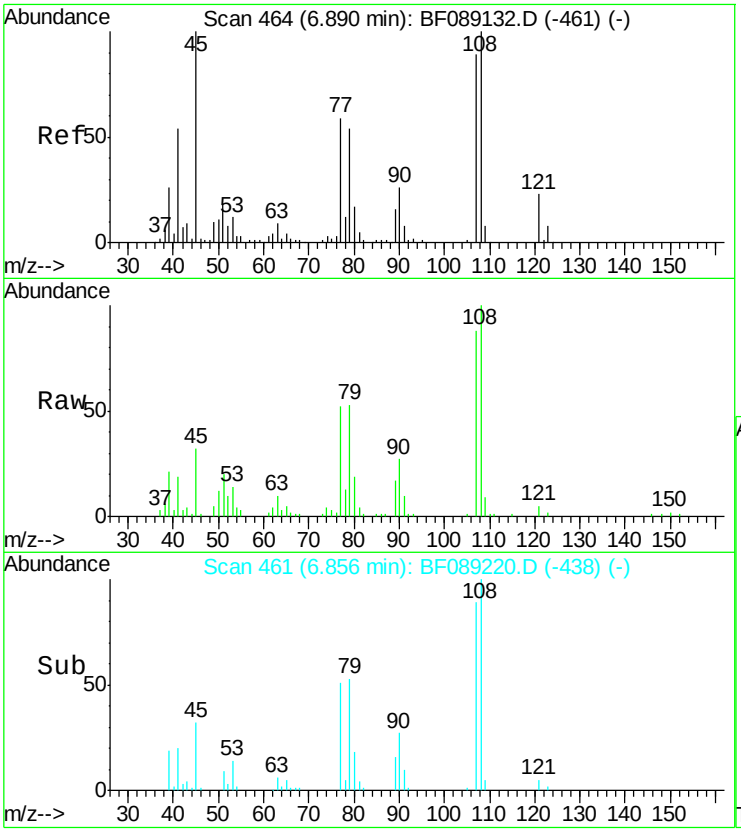




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.82 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion: 45 Resp: 152148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 38.1 | 39.7 | 79.7# |
| 79 | 35.0 | 34.7 | 74.7 |



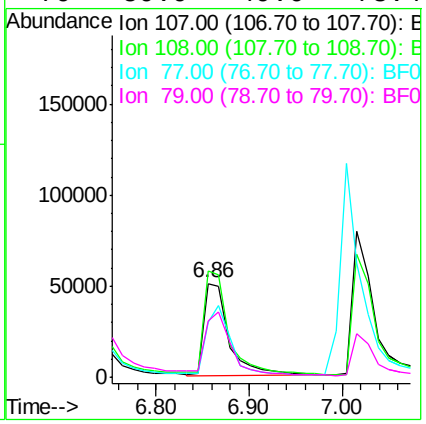


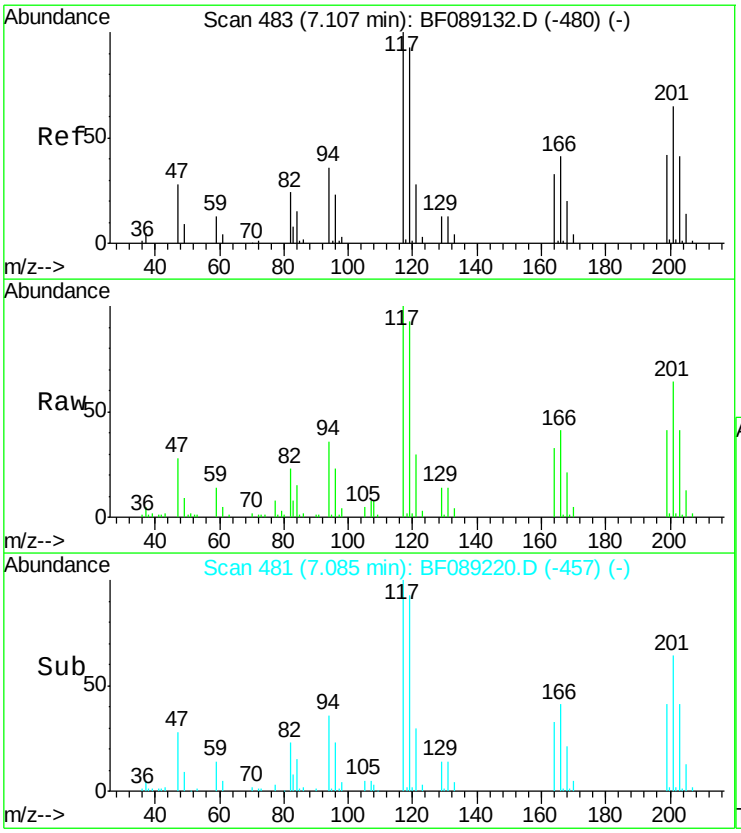

#17
2-Methylphenol
Concen: 36.37 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:107 Resp: 95536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.1 | 89.4 | 134.2 |
| 77 | 59.2 | 53.4 | 80.0 |
| 79 | 59.9 | 49.0 | 73.4 |

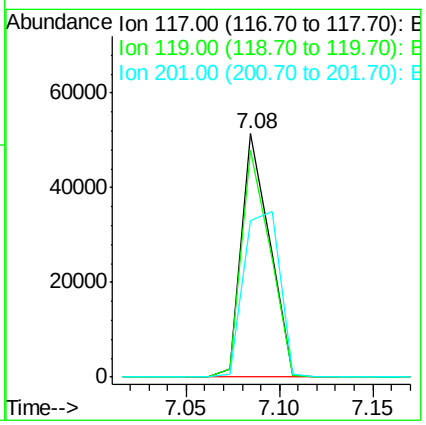


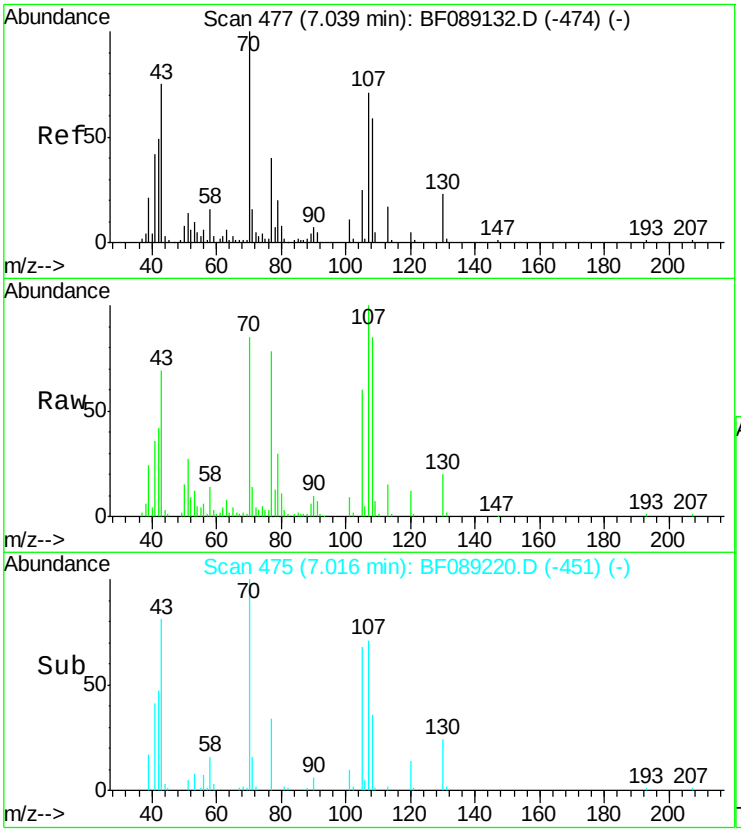




#18
Hexachloroethane
Concen: 39.14 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:117 Resp: 54565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.3 | 74.5 | 111.7 |
| 201 | 64.1 | 51.8 | 77.6 |



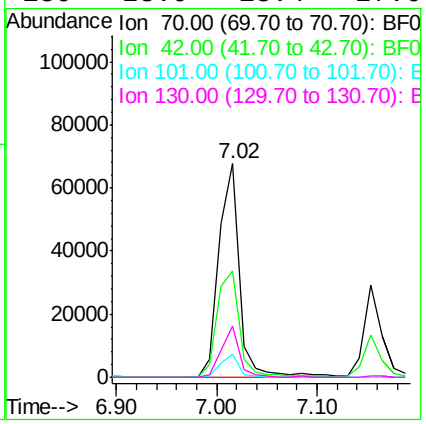


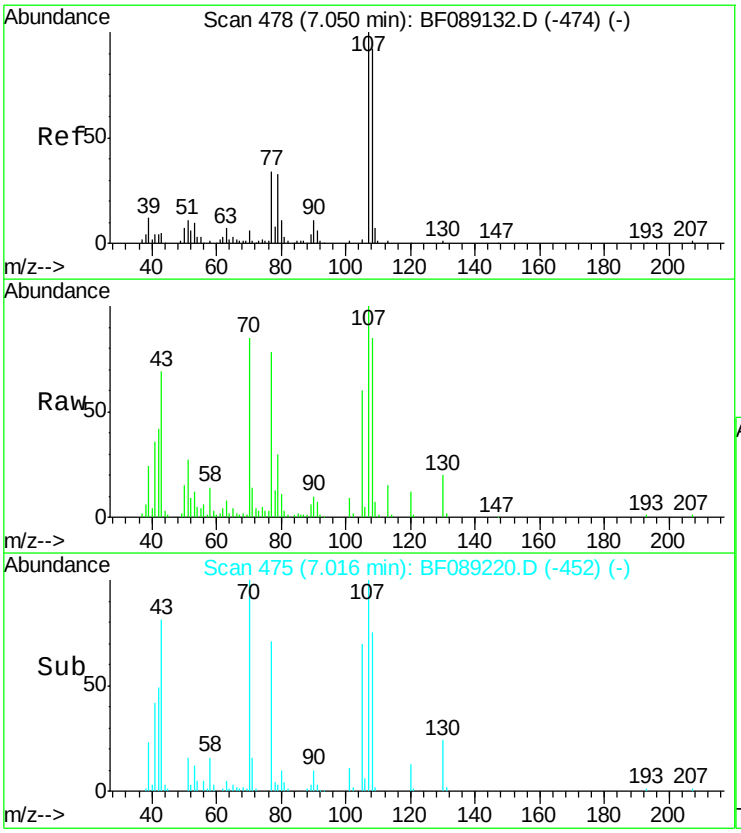

#19
n-Nitroso-di-n-propylamine
Concen: 38.35 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion: 70 Resp: 97220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 49.5 | 39.2 | 58.8 |
| 101 | 10.7 | 8.5 | 12.7 |
| 130 | 23.9 | 18.4 | 27.6 |

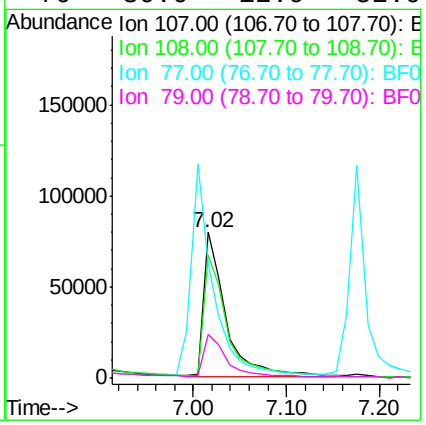


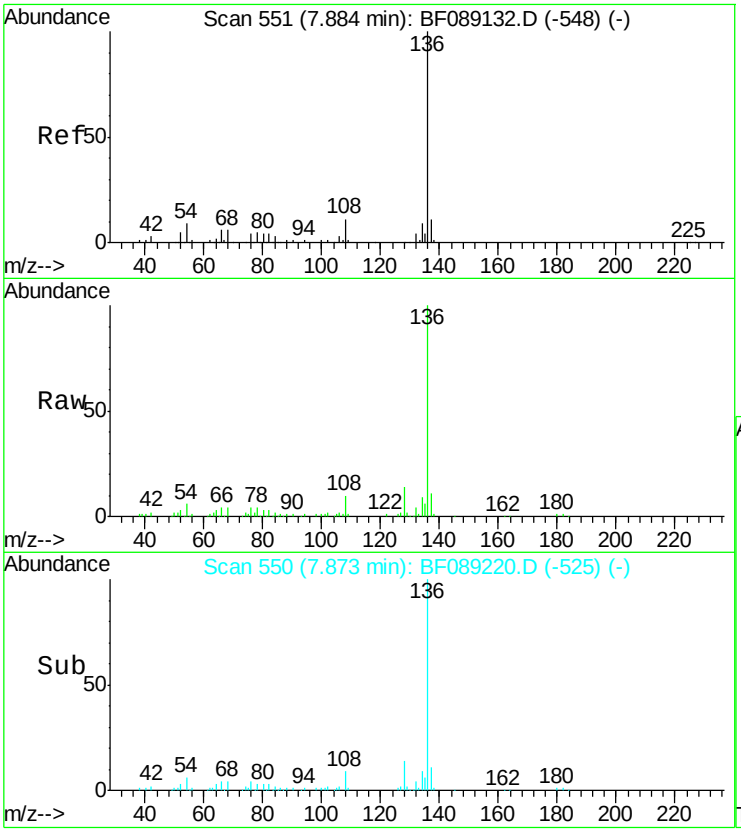




#20
3+4-Methylphenols
Concen: 36.72 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:107 Resp: 130967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 84.5 | 72.5 | 112.5 |
| 77 | 78.1 | 17.7 | 57.7# |
| 79 | 30.0 | 12.9 | 52.9 |



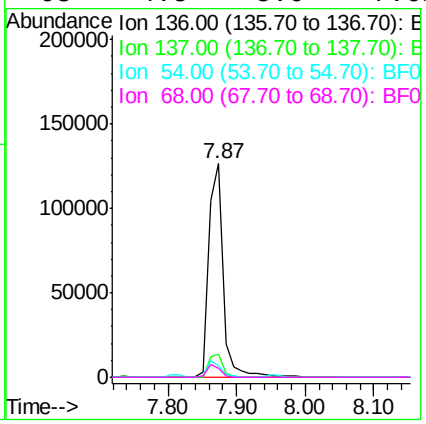


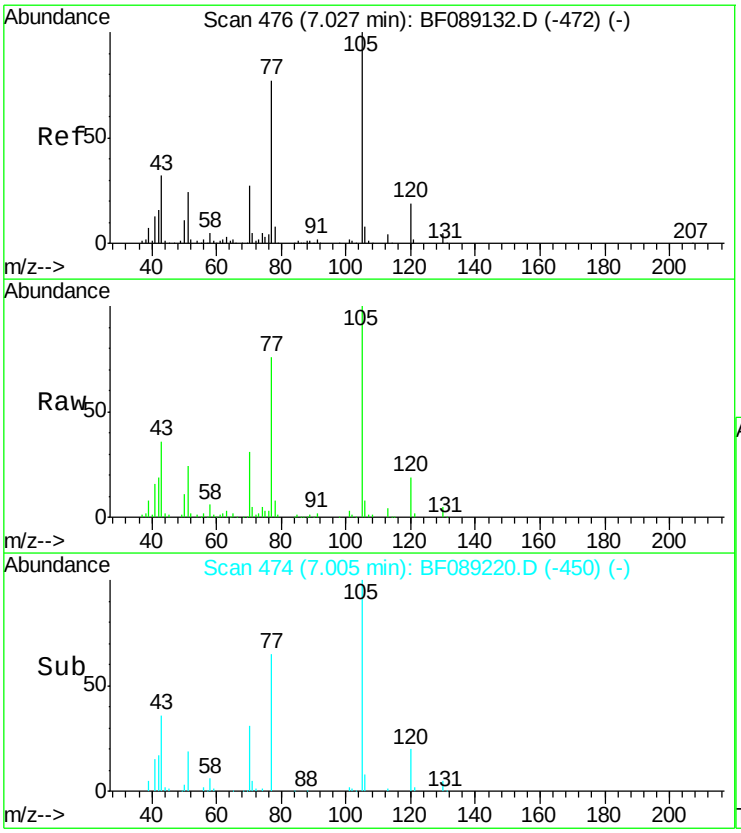

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:136 Resp: 187154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 5.7 | 7.0 | 10.4# |
| 68 | 4.5 | 5.0 | 7.6# |

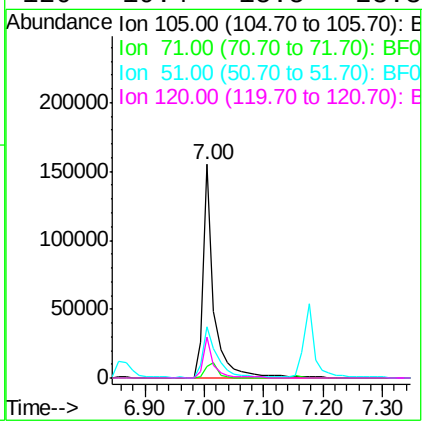


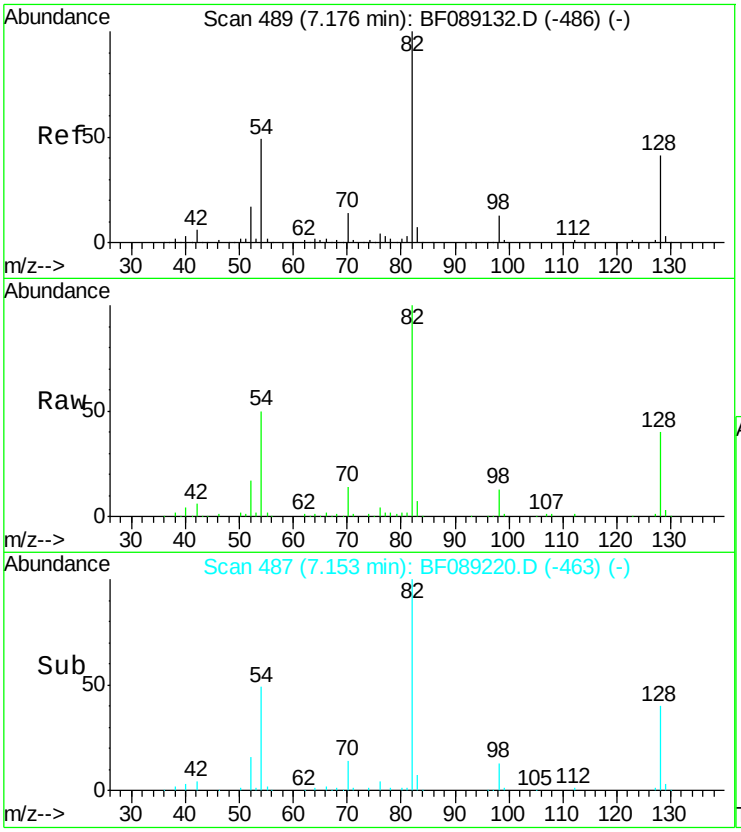




#22
Acetophenone
Concen: 40.16 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:105 Resp: 200688

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.3 | 3.8 | 5.6 |
| 51 | 24.2 | 19.6 | 29.4 |
| 120 | 19.4 | 15.5 | 23.3 |



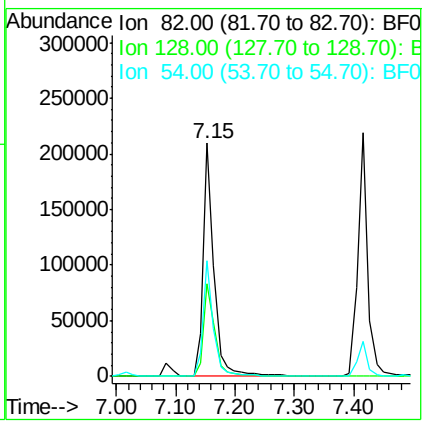


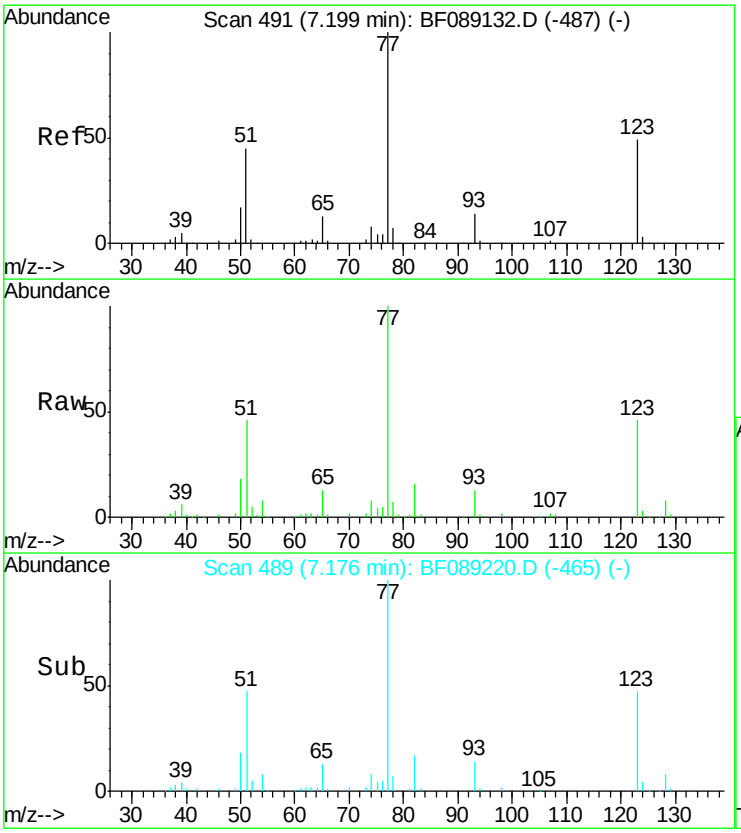

#23
Nitrobenzene-d5
Concen: 77.91 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion: 82 Resp: 274435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.6 | 33.0 | 49.6 |
| 54 | 49.7 | 39.0 | 58.4 |

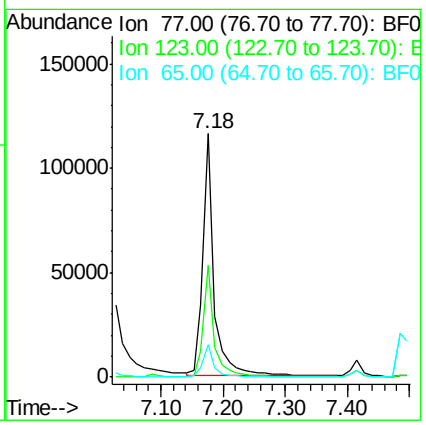


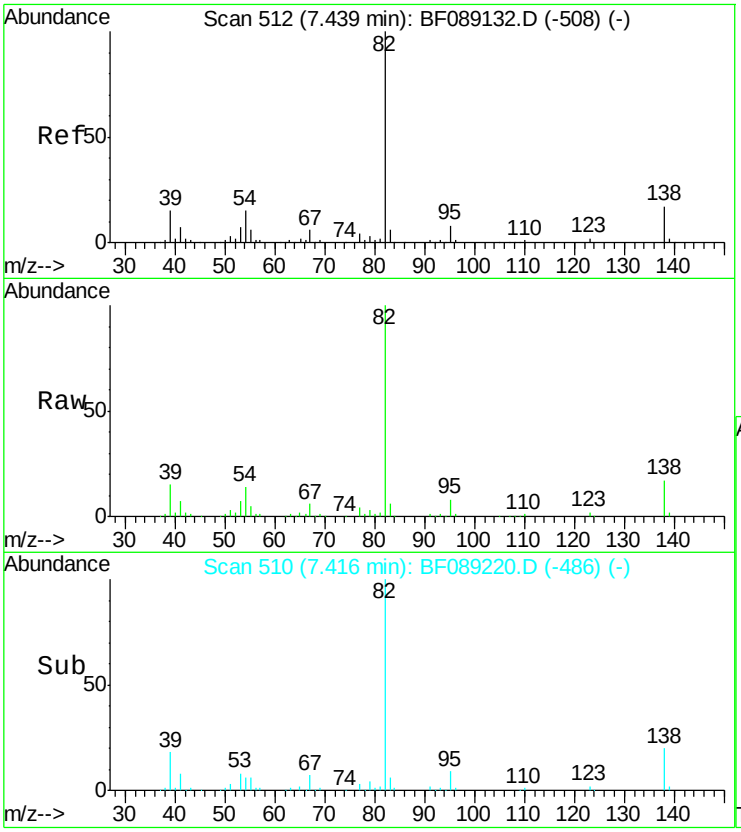




#24
Nitrobenzene
Concen: 39.74 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion: 77 Resp: 147615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.9 | 38.9 | 58.3 |
| 65 | 13.1 | 10.6 | 15.8 |



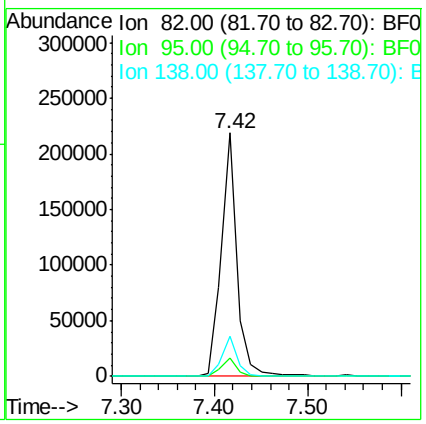


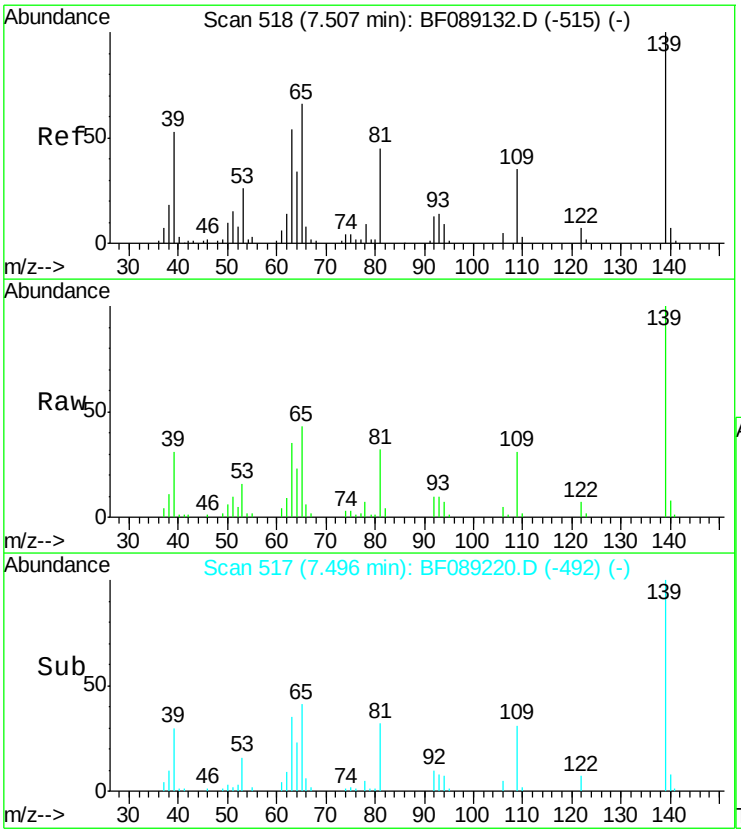

#25
Isophorone
Concen: 39.23 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion: 82 Resp: 254674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.7 | 6.1 | 9.1 |
| 138 | 16.6 | 13.6 | 20.4 |

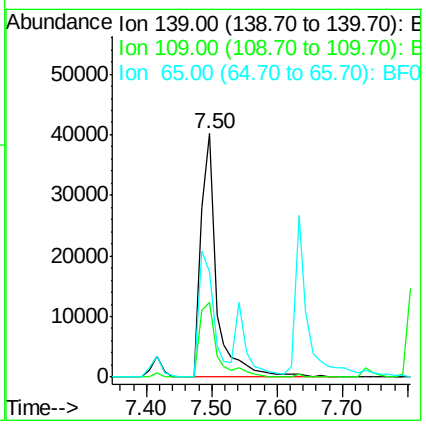


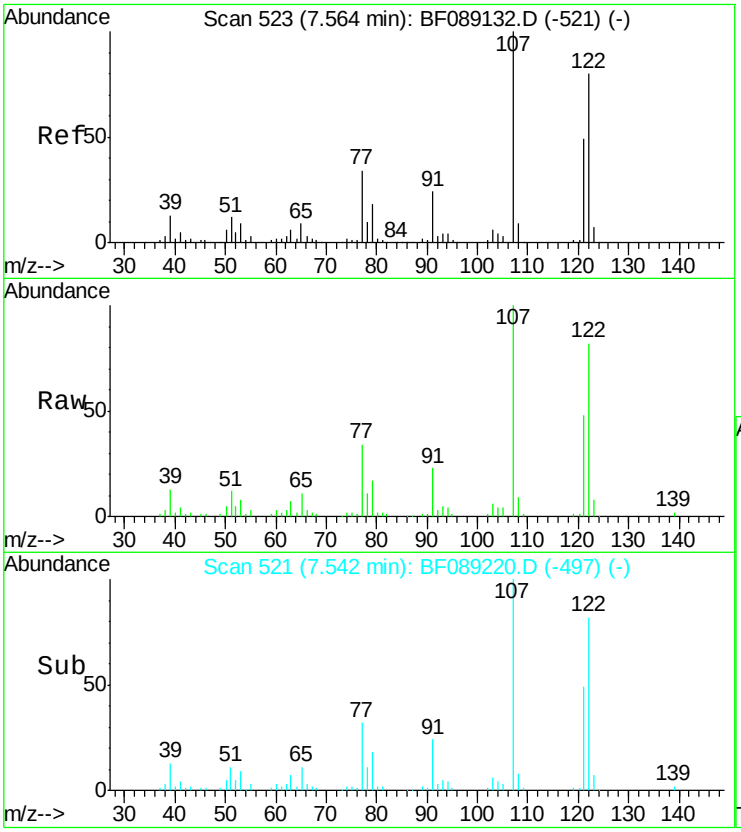




#26
2-Nitrophenol
Concen: 38.40 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:139 Resp: 66531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.6 | 28.1 | 42.1 |
| 65 | 43.3 | 52.7 | 79.1# |



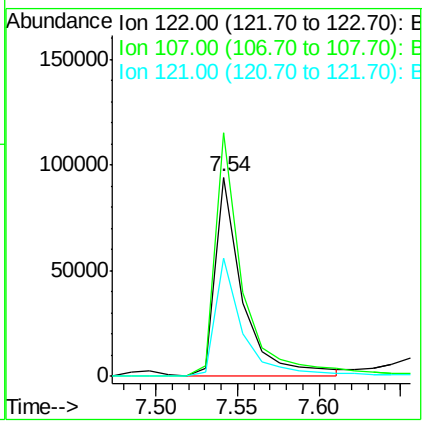


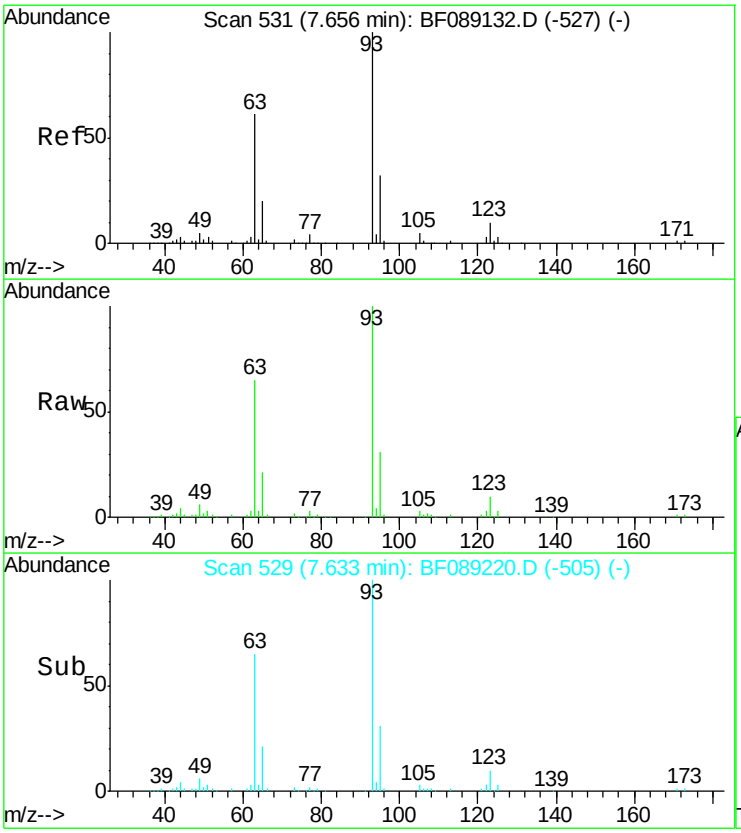

#27
2,4-Dimethylphenol
Concen: 37.51 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:122 Resp: 109505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 122.1 | 99.7 | 149.5 |
| 121 | 59.1 | 48.5 | 72.7 |

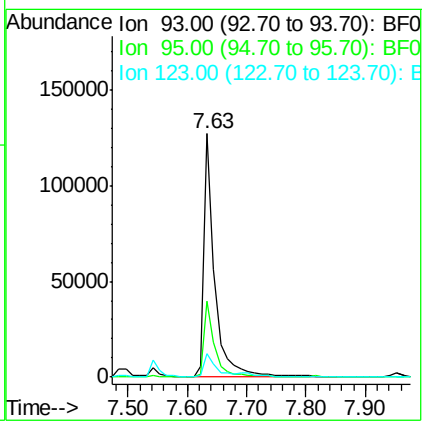


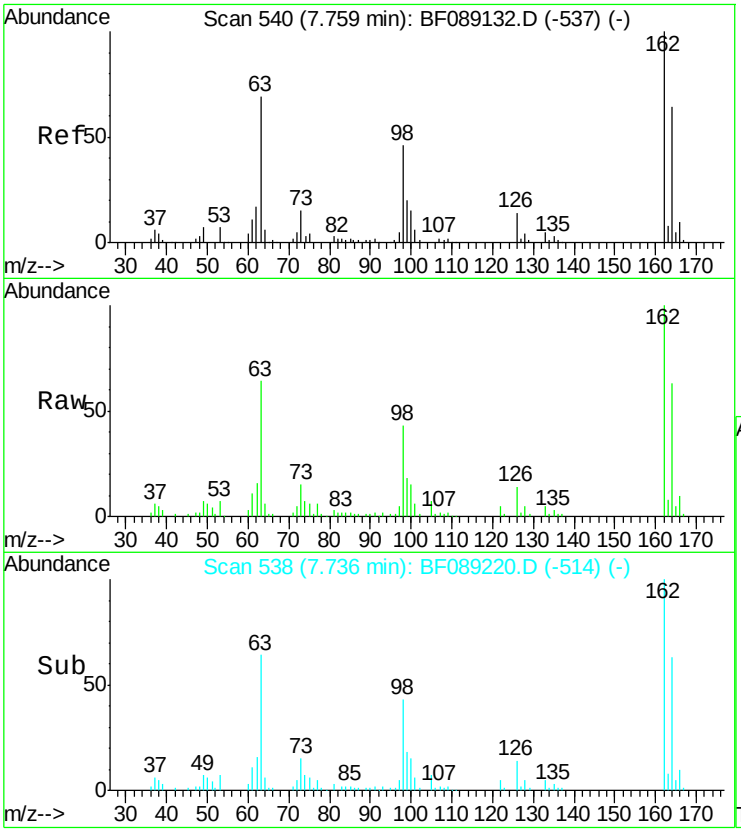




#28
bis(2-Chloroethoxy)methane
Concen: 40.72 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion: 93 Resp: 165337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.2 | 25.4 | 38.0 |
| 123 | 9.6 | 8.3 | 12.5 |



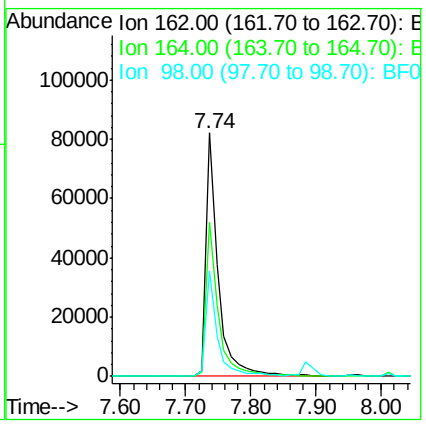


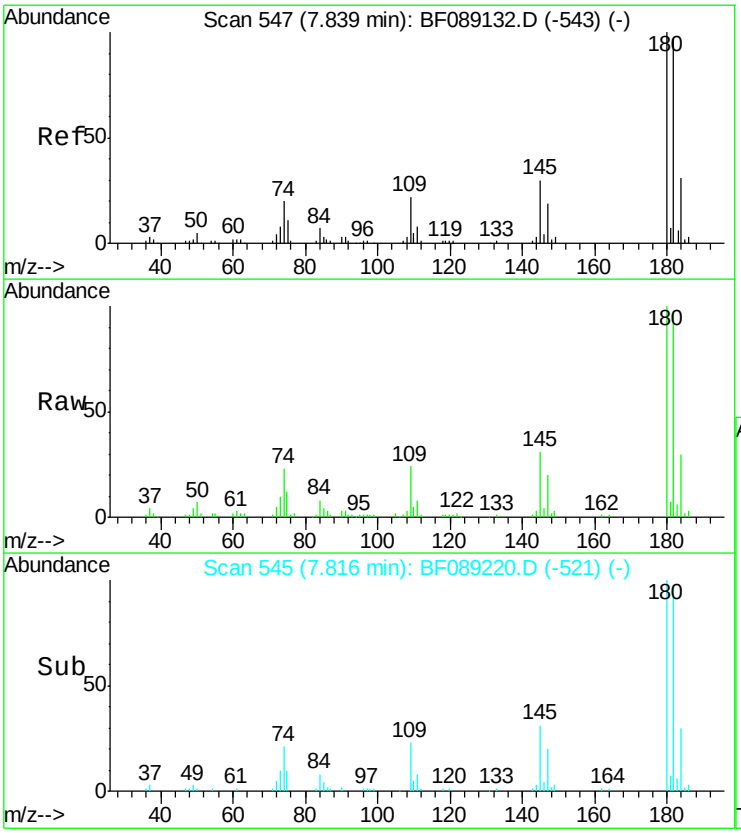

#29
2,4-Dichlorophenol
Concen: 41.16 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:162 Resp: 108293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.1 | 44.0 | 84.0 |
| 98 | 43.4 | 26.0 | 66.0 |

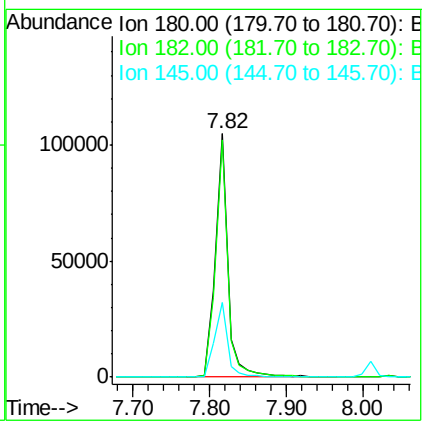


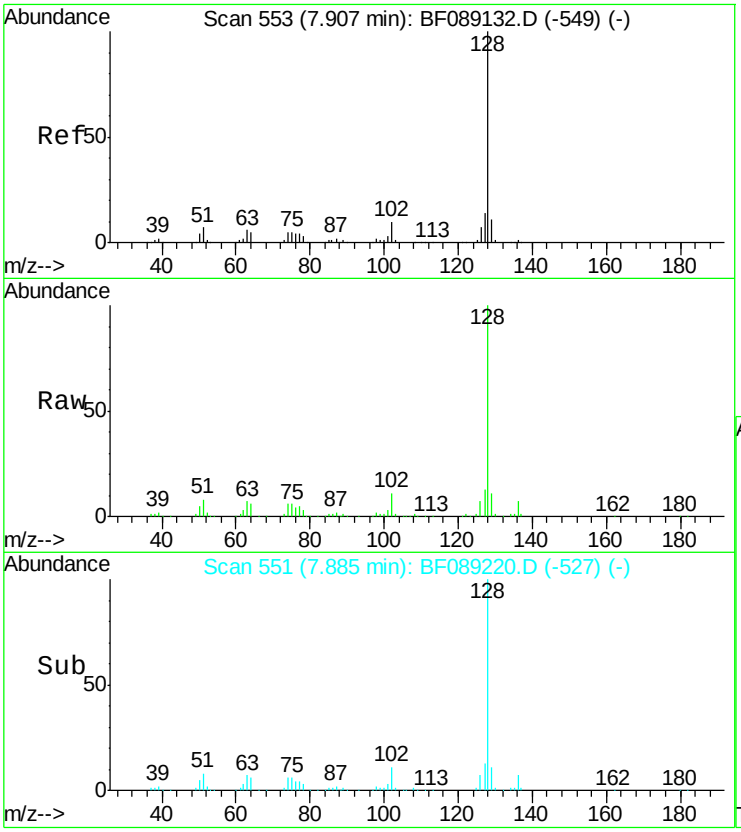




#30
1,2,4-Trichlorobenzene
Concen: 40.71 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:180 Resp: 118567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.3 | 77.6 | 116.4 |
| 145 | 30.7 | 24.0 | 36.0 |



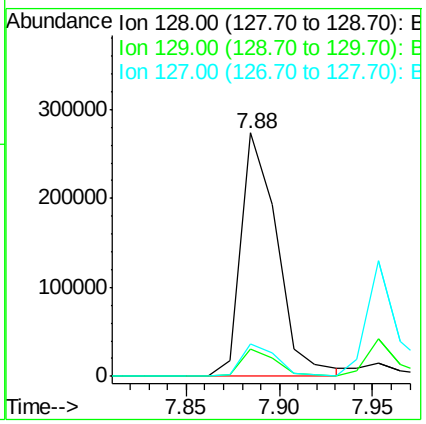


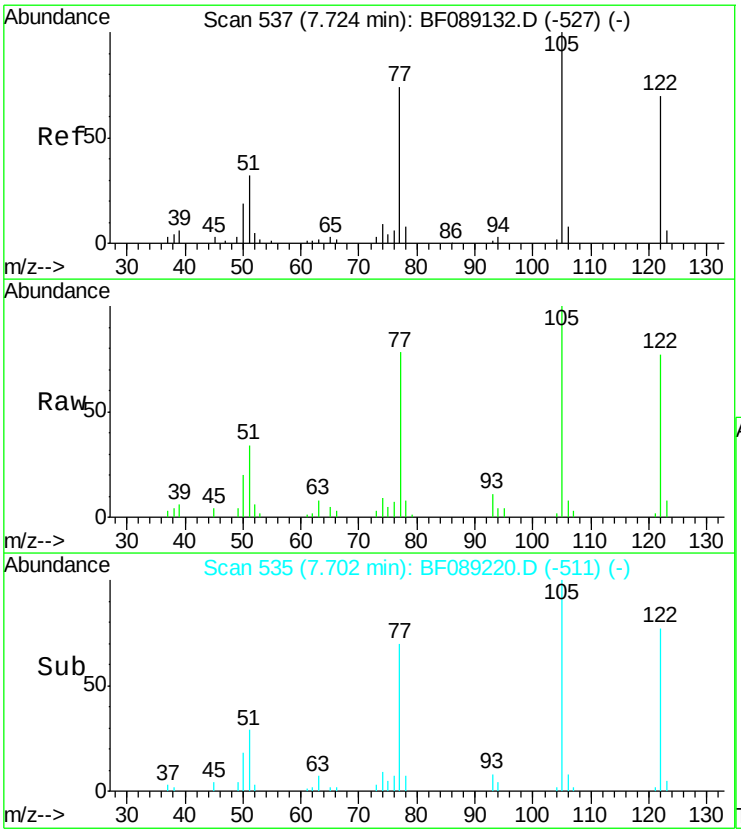

#31
Naphthalene
Concen: 36.57 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:128 Resp: 369344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 8.9 | 13.3 |
| 127 | 13.2 | 10.8 | 16.2 |

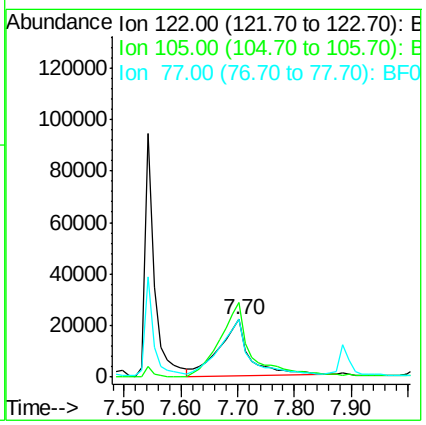


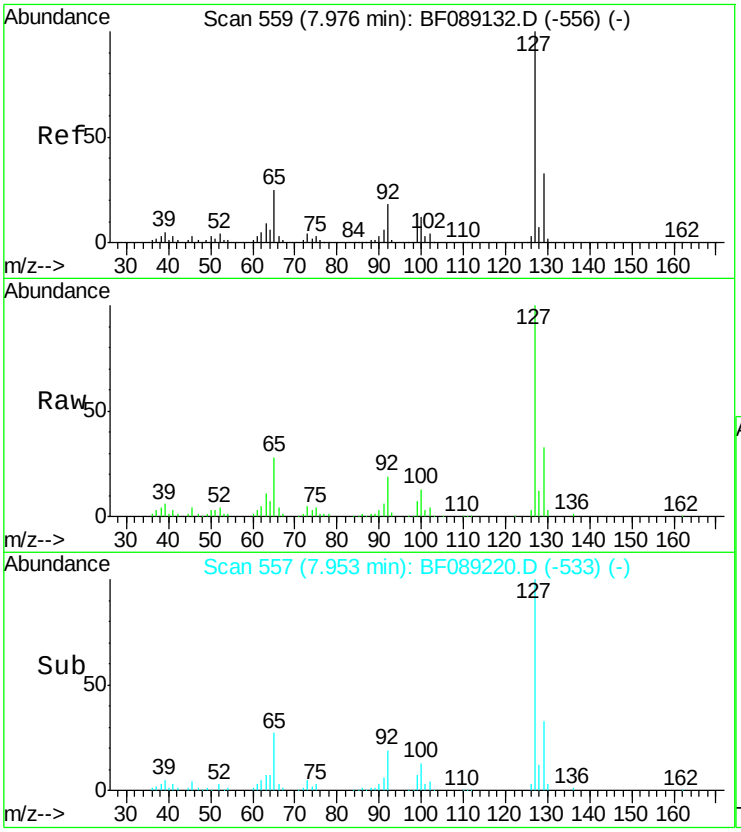




#32
Benzoic acid
Concen: 36.13 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:122 Resp: 81118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 129.8 | 119.0 | 159.0 |
| 77 | 100.8 | 84.7 | 124.7 |



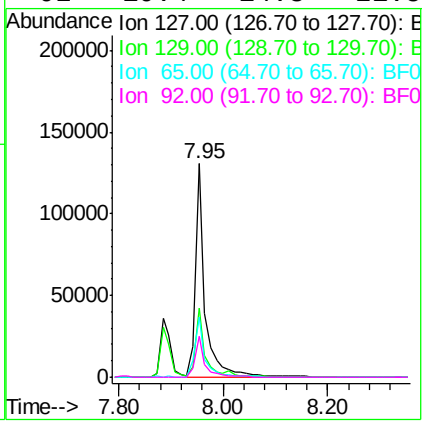


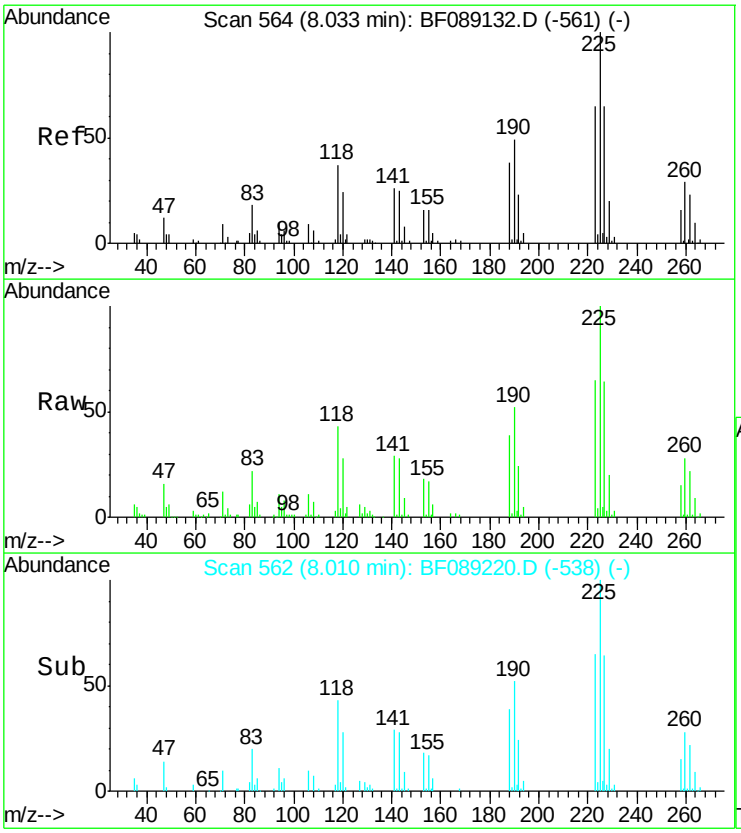

#33
4-Chloroaniline
Concen: 39.17 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:127 Resp: 166402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 32.6 | 25.9 | 38.9 |
| 65 | 28.0 | 19.7 | 29.5 |
| 92 | 19.4 | 14.3 | 21.5 |

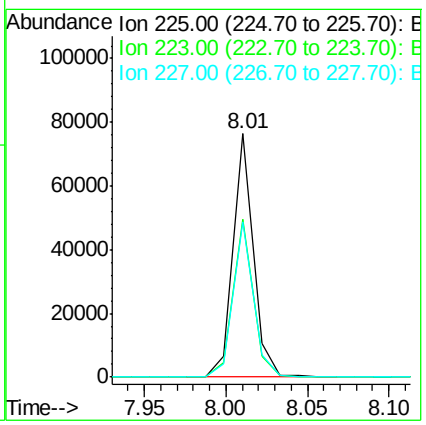


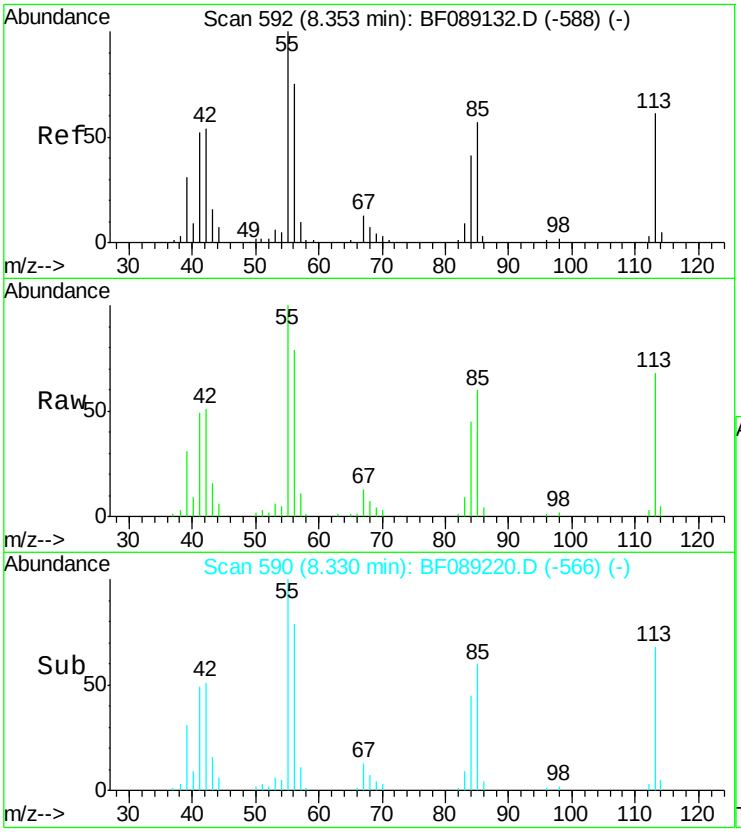




#34
Hexachlorobutadiene
Concen: 40.05 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:225 Resp: 64910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.8 | 51.6 | 77.4 |
| 227 | 63.6 | 51.6 | 77.4 |



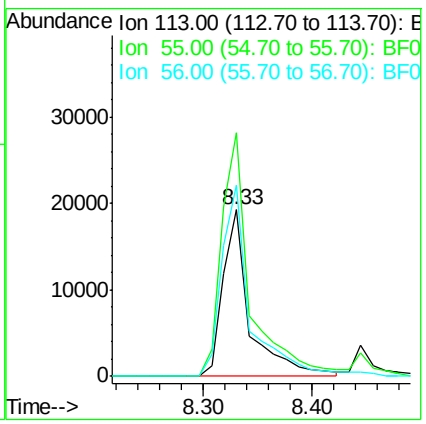


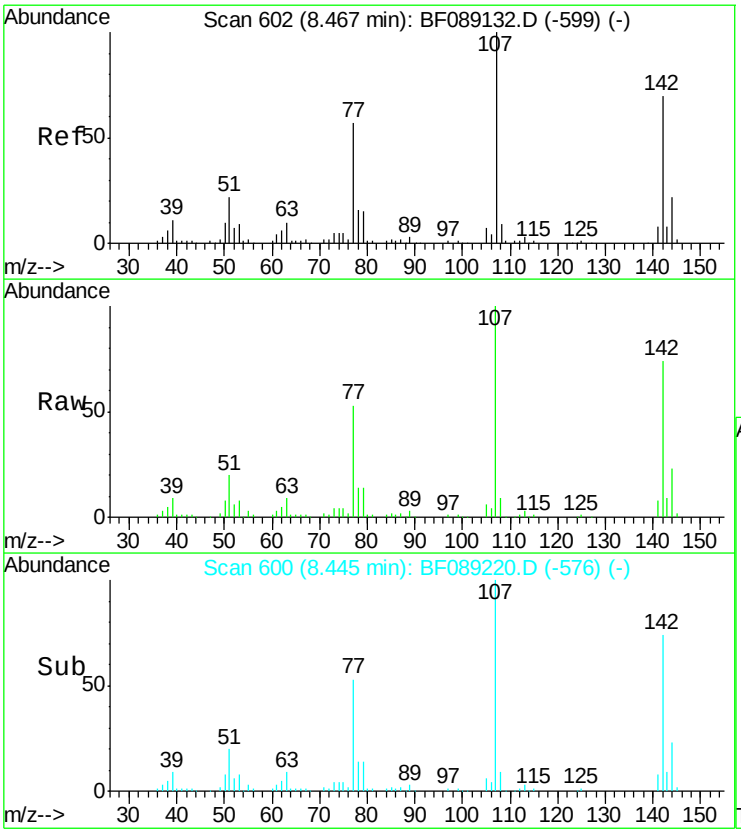

#35
Caprolactam
Concen: 40.51 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:113 Resp: 33100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 146.3 | 145.3 | 185.3 |
| 56 | 115.1 | 104.3 | 144.3 |

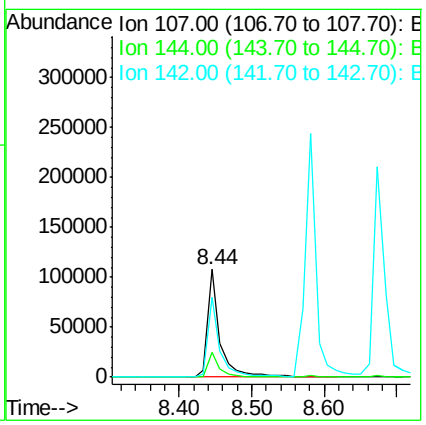


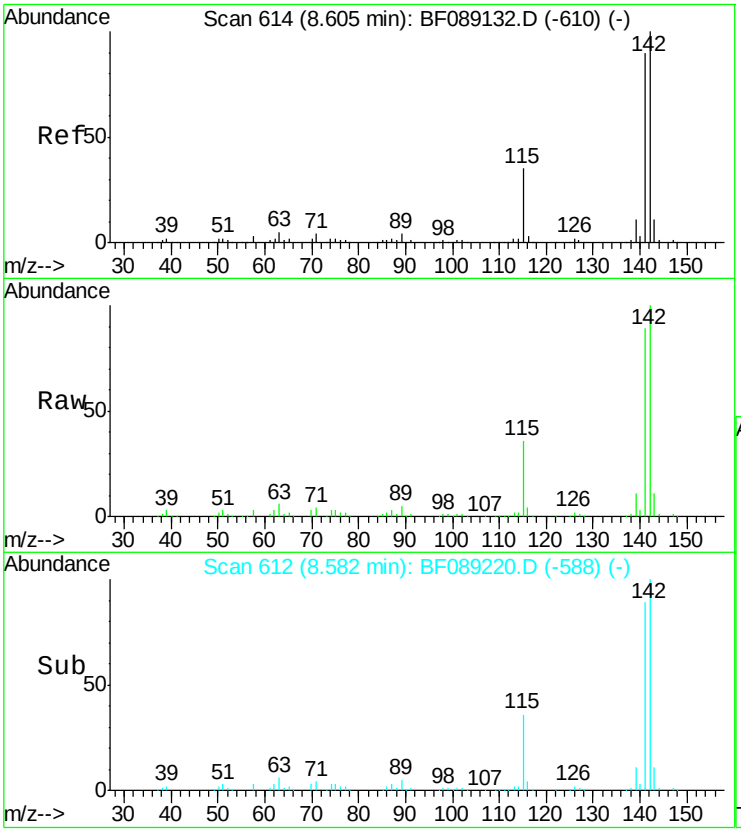




#36
4-Chloro-3-methylphenol
Concen: 40.43 ng
RT: 8.44 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:107 Resp: 128149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.4 | 17.8 | 26.6 |
| 142 | 74.0 | 56.1 | 84.1 |



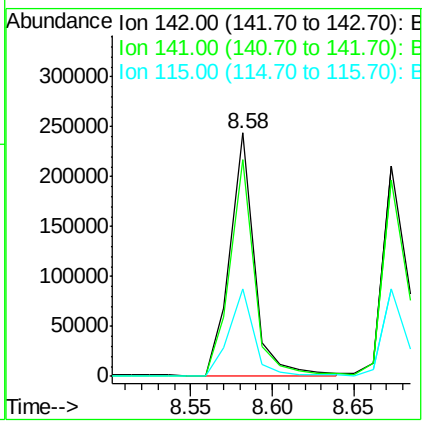


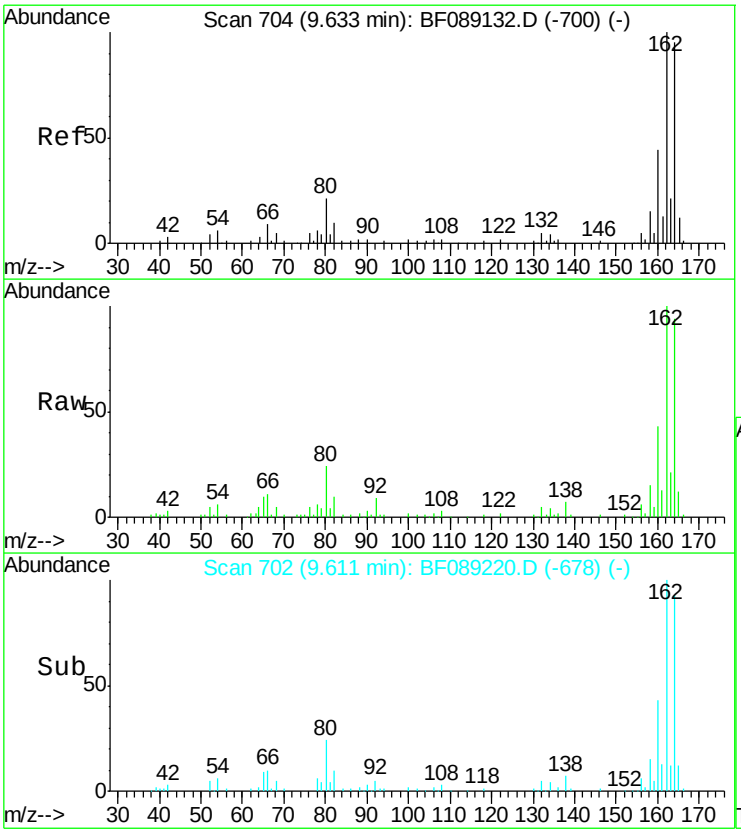

#37
2-Methylnaphthalene
Concen: 39.29 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:142 Resp: 253128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.2 | 71.6 | 107.4 |
| 115 | 36.2 | 27.6 | 41.4 |

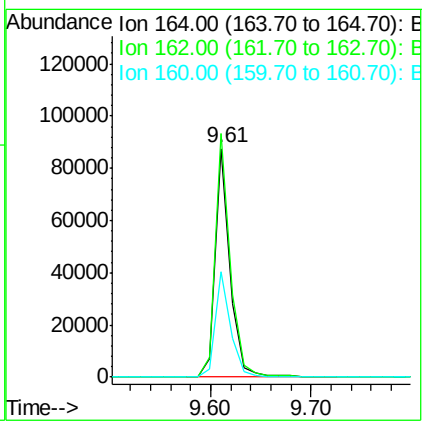


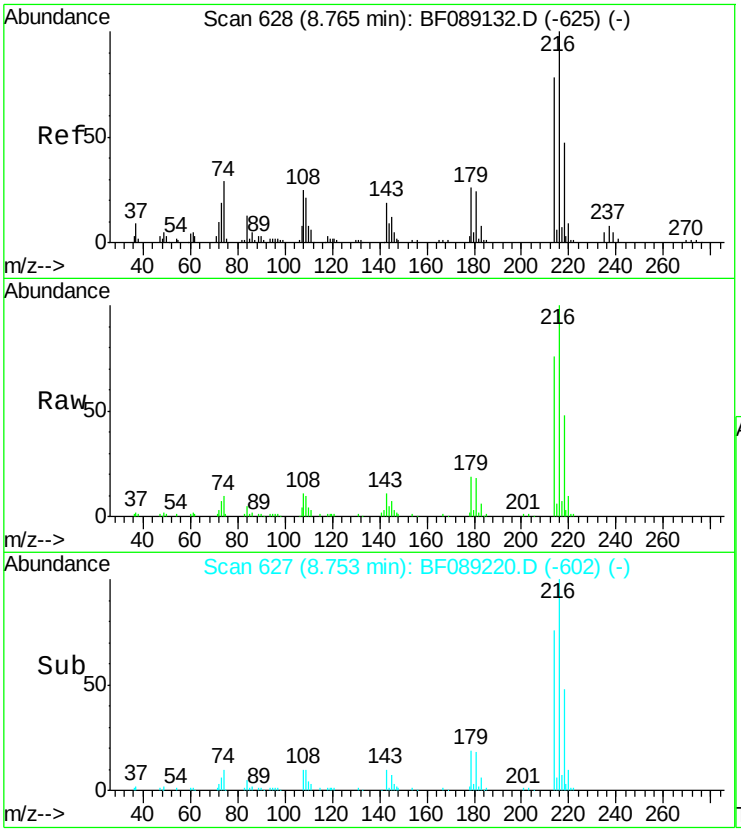




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:164 Resp: 89700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.4 | 84.1 | 126.1 |
| 160 | 46.2 | 37.1 | 55.7 |



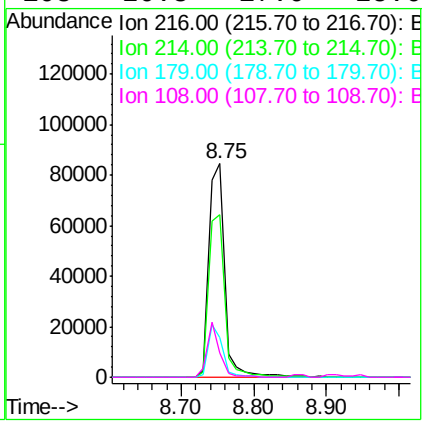


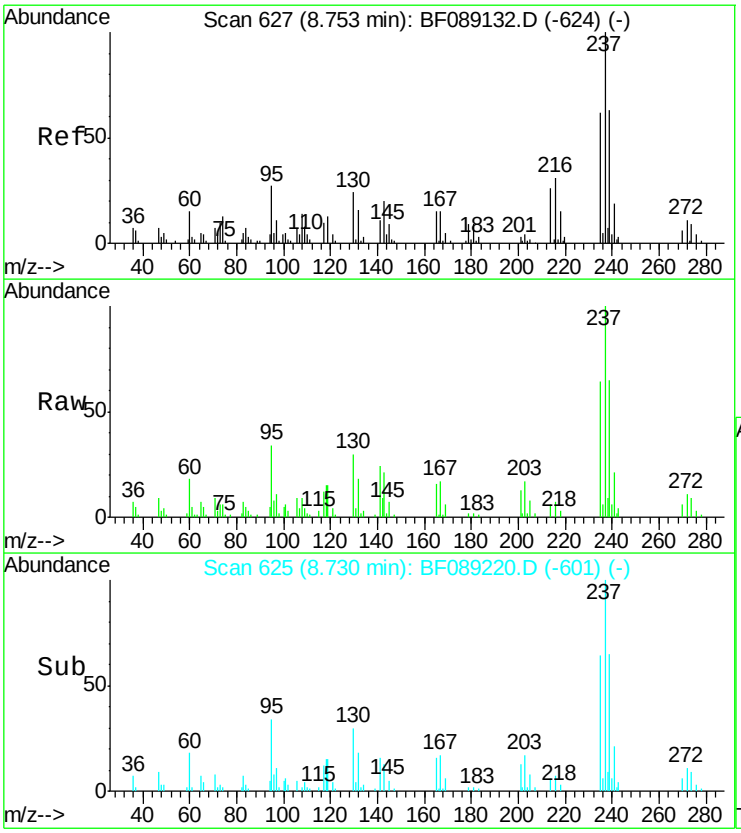

#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.49 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:216 Resp: 128330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.1 | 61.9 | 92.9 |
| 179 | 22.1 | 18.4 | 27.6 |
| 108 | 20.3 | 17.0 | 25.6 |

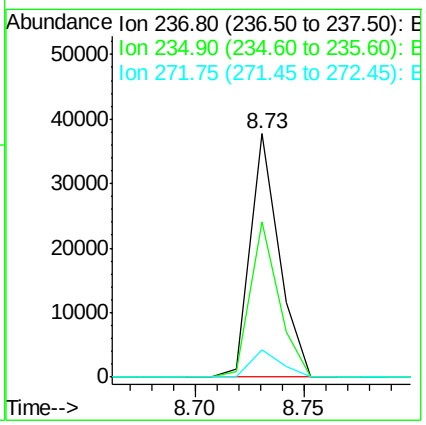


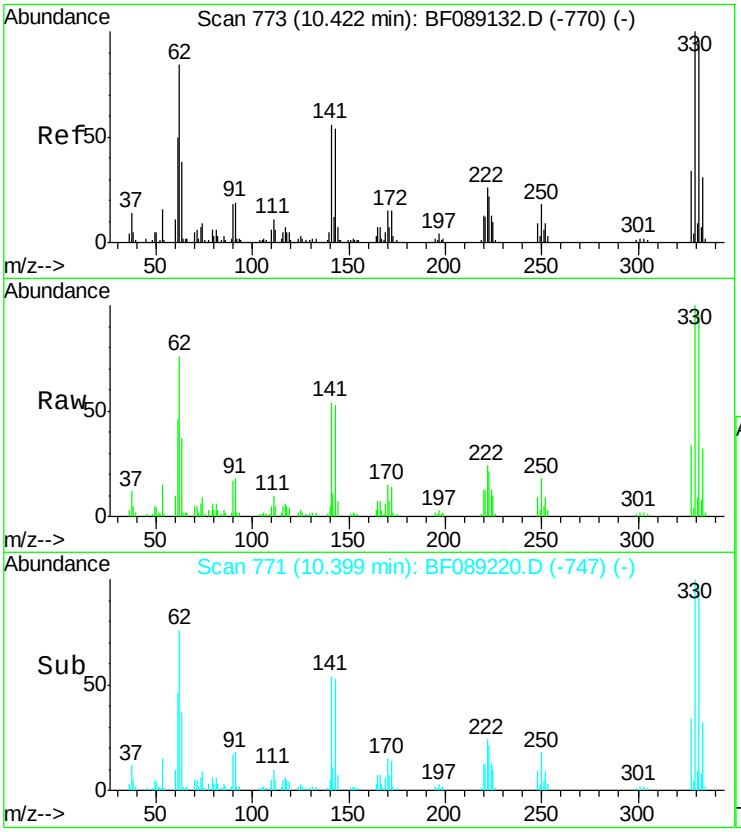




#40
Hexachlorocyclopentadiene
Concen: 36.22 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:237 Resp: 34661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.8 | 42.1 | 82.1 |
| 272 | 11.0 | 0.0 | 31.4 |



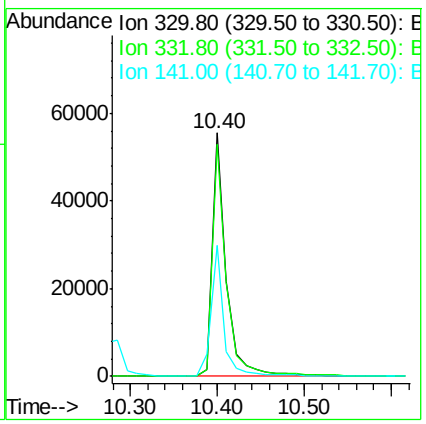


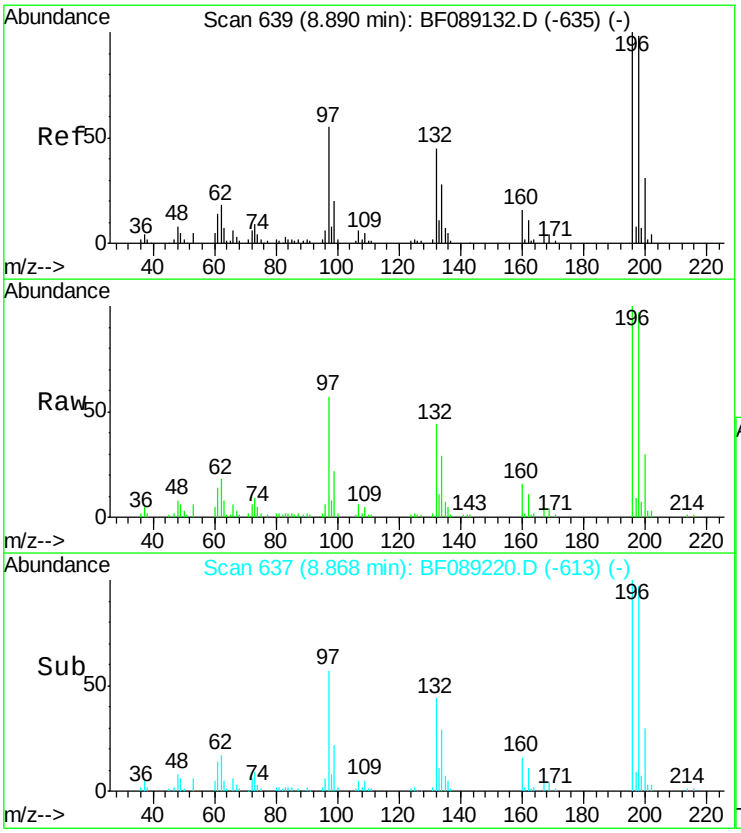

#41
2,4,6-Tribromophenol
Concen: 77.80 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:330 Resp: 62829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 77.2 | 115.8 |
| 141 | 50.4 | 42.2 | 63.2 |

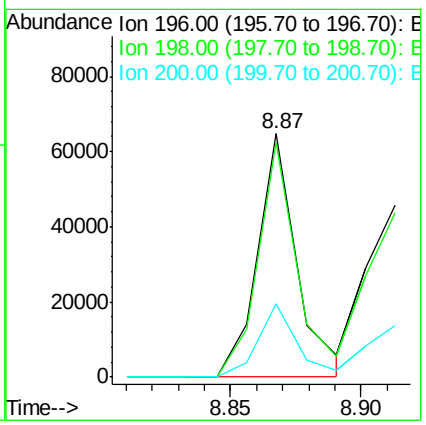


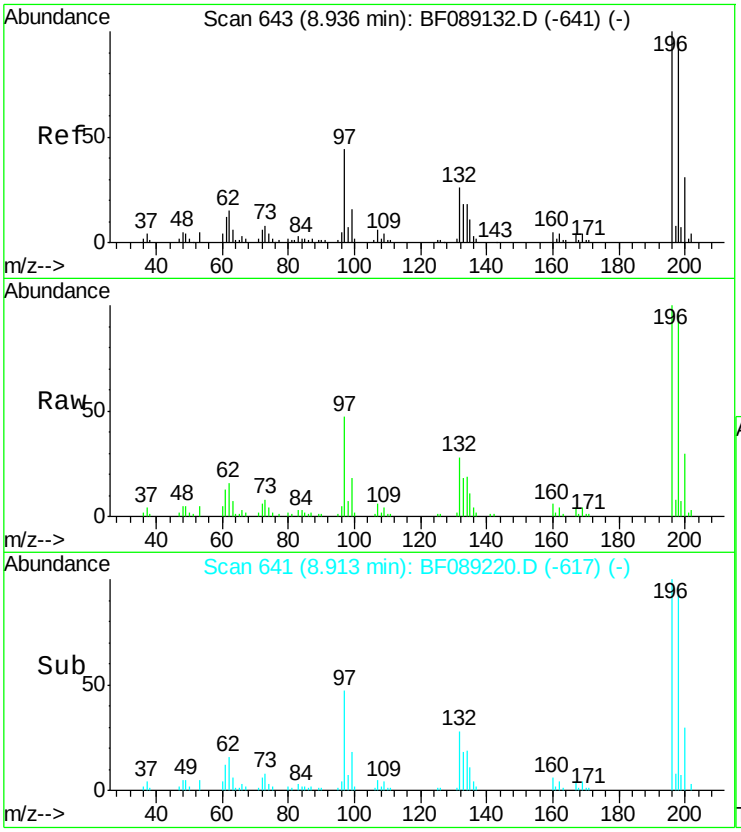




#42
2,4,6-Trichlorophenol
Concen: 36.20 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:196 Resp: 67555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.6 | 78.3 | 117.5 |
| 200 | 30.1 | 25.0 | 37.4 |



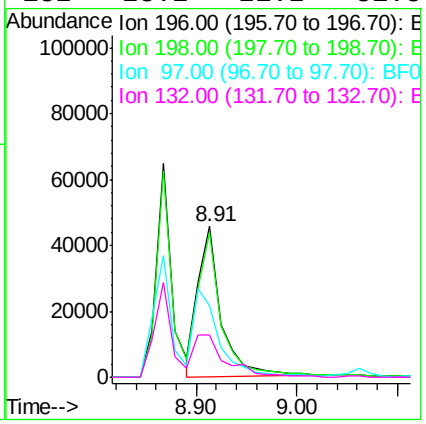


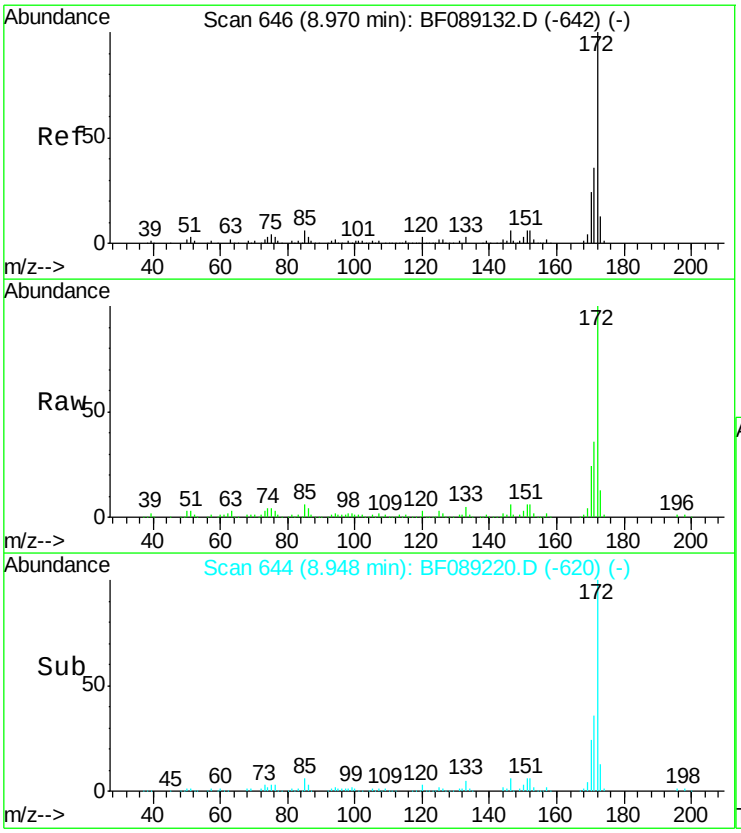

#43
2,4,5-Trichlorophenol
Concen: 39.71 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:196 Resp: 74390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.8 | 77.6 | 116.4 |
| 97 | 47.4 | 36.5 | 54.7 |
| 132 | 28.2 | 21.2 | 31.8 |

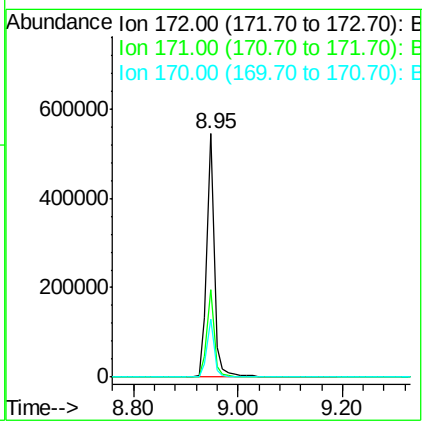


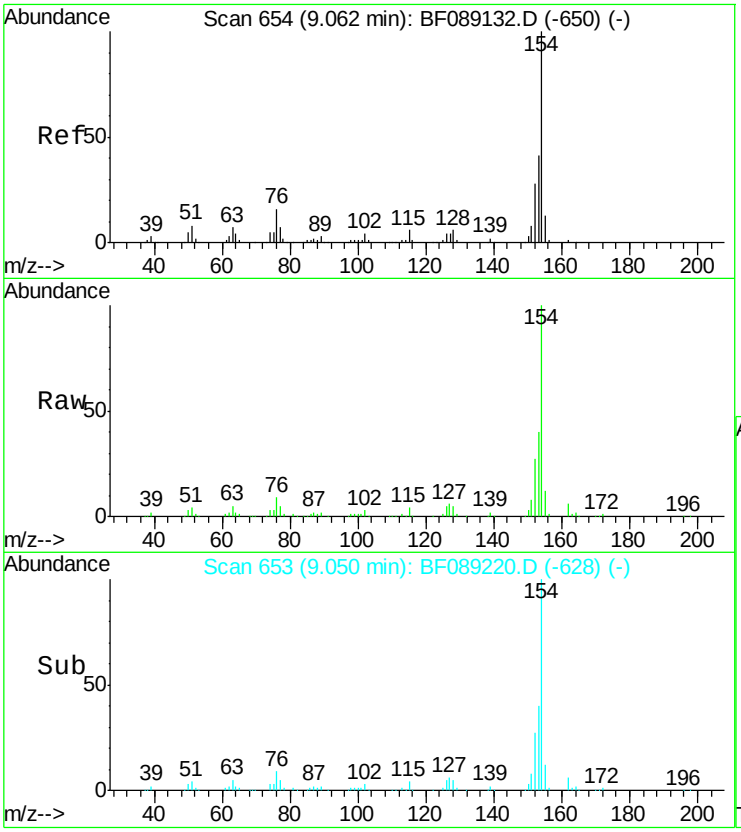




#44
2-Fluorobiphenyl
Concen: 84.38 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:172 Resp: 549319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.1 | 29.2 | 43.8 |
| 170 | 23.6 | 19.1 | 28.7 |



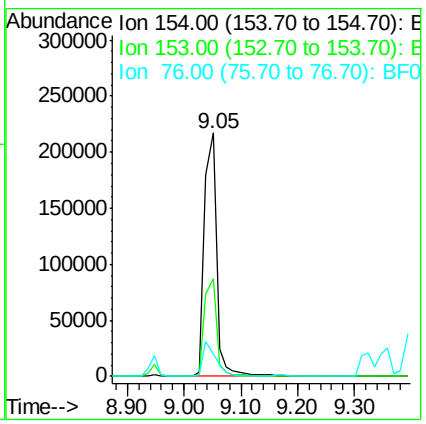


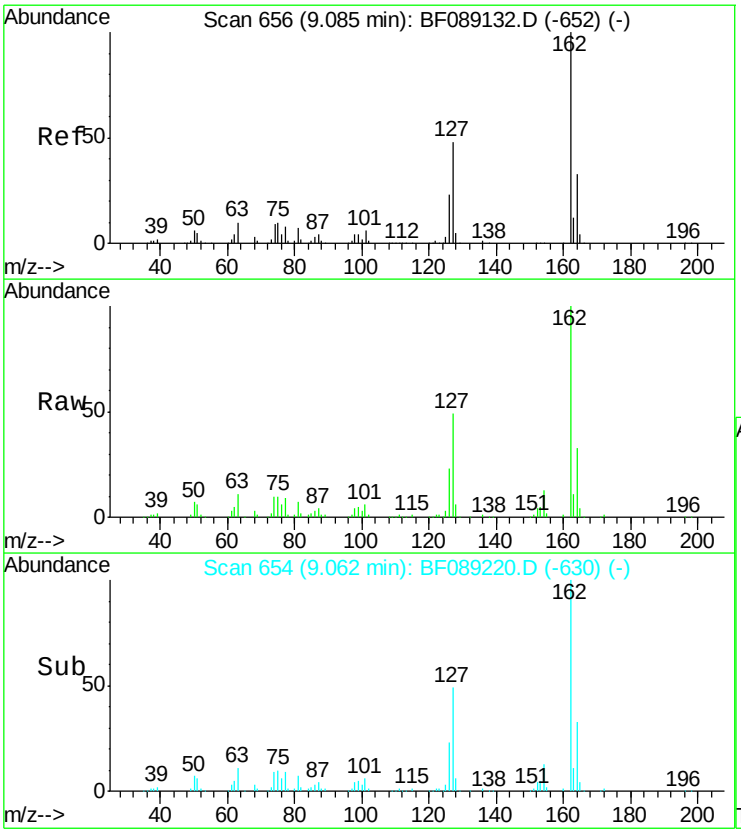

#45
1,1'-Biphenyl
Concen: 38.65 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:154 Resp: 312229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.3 | 21.1 | 61.1 |
| 76 | 9.3 | 0.0 | 35.8 |

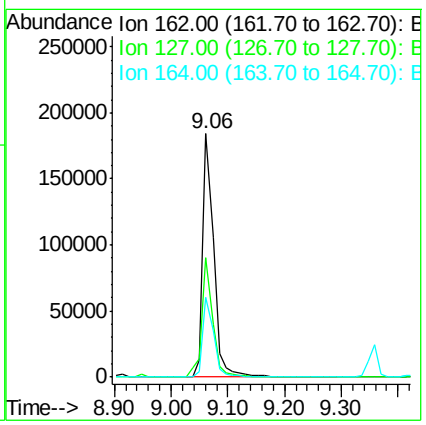


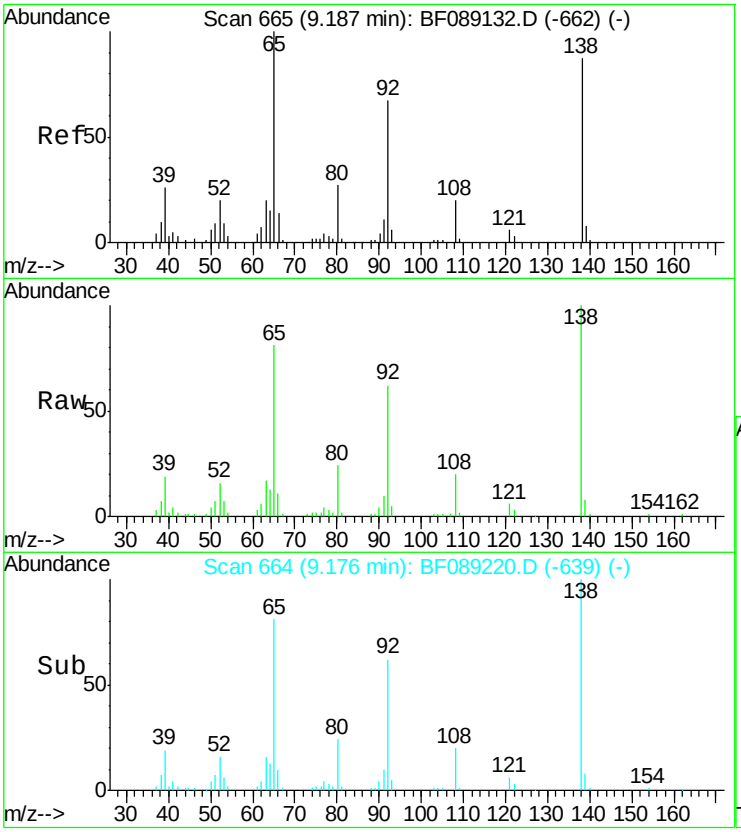




#46
2-Chloronaphthalene
Concen: 38.56 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:162 Resp: 236698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 49.0 | 38.1 | 57.1 |
| 164 | 32.9 | 26.1 | 39.1 |



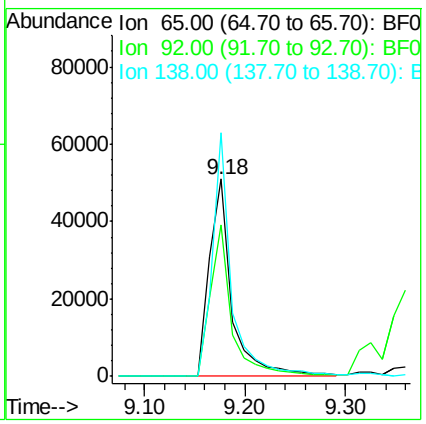


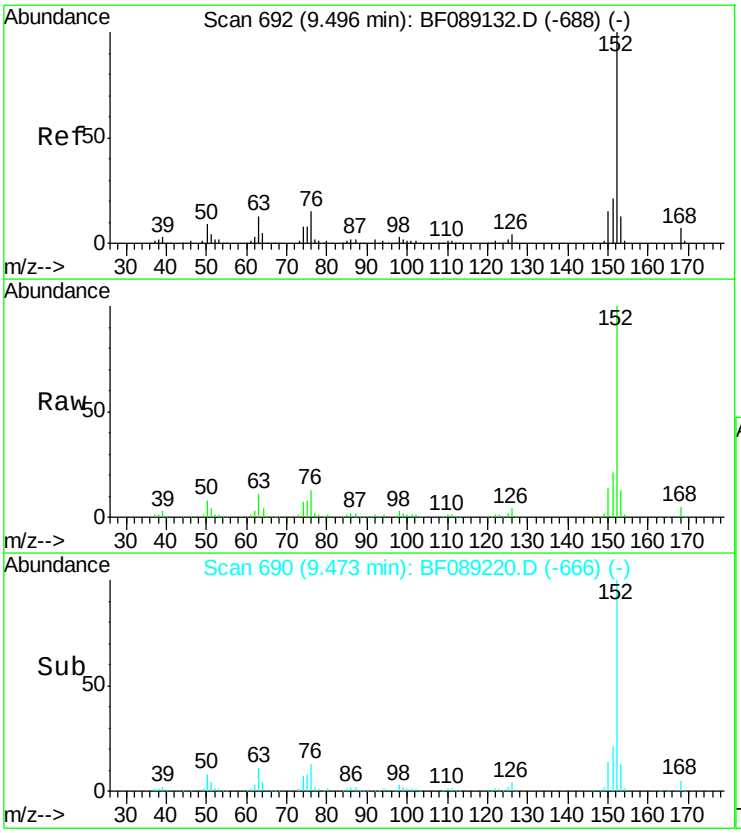

#47
2-Nitroaniline
Concen: 37.81 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion: 65 Resp: 79614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 76.9 | 53.2 | 79.8 |
| 138 | 123.5 | 69.4 | 104.2# |

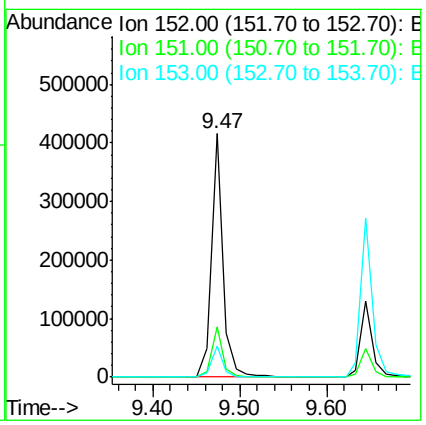


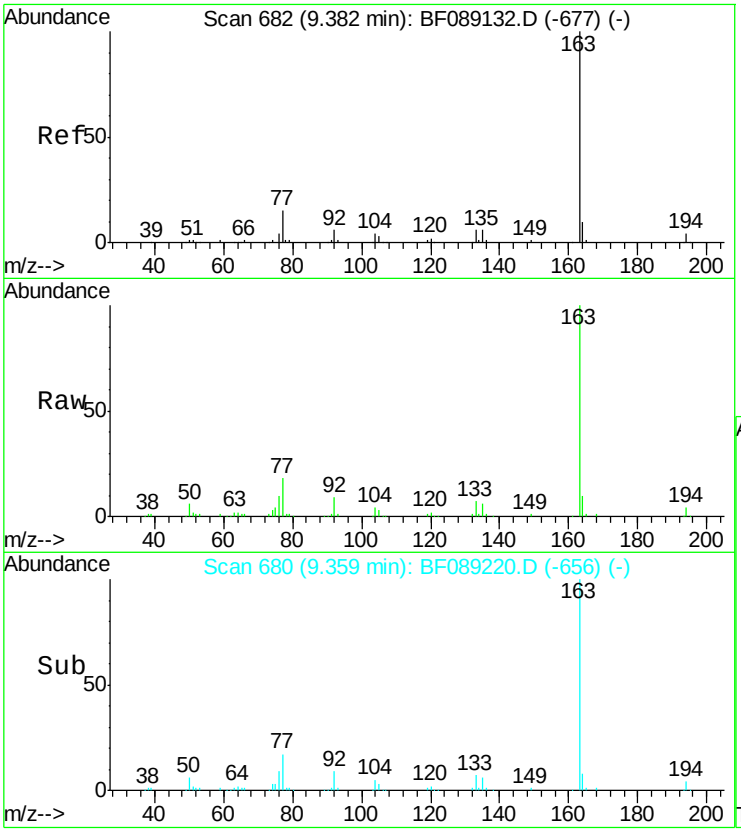




#48
Acenaphthylene
Concen: 40.72 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:152 Resp: 392947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.6 | 16.5 | 24.7 |
| 153 | 13.0 | 10.7 | 16.1 |



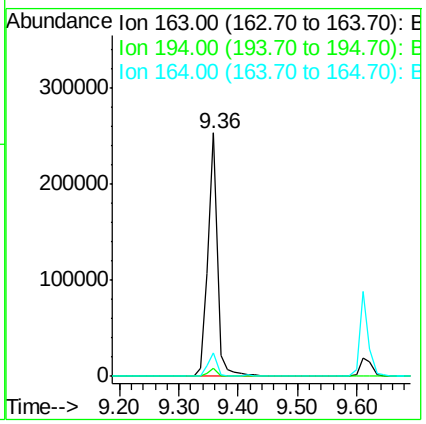


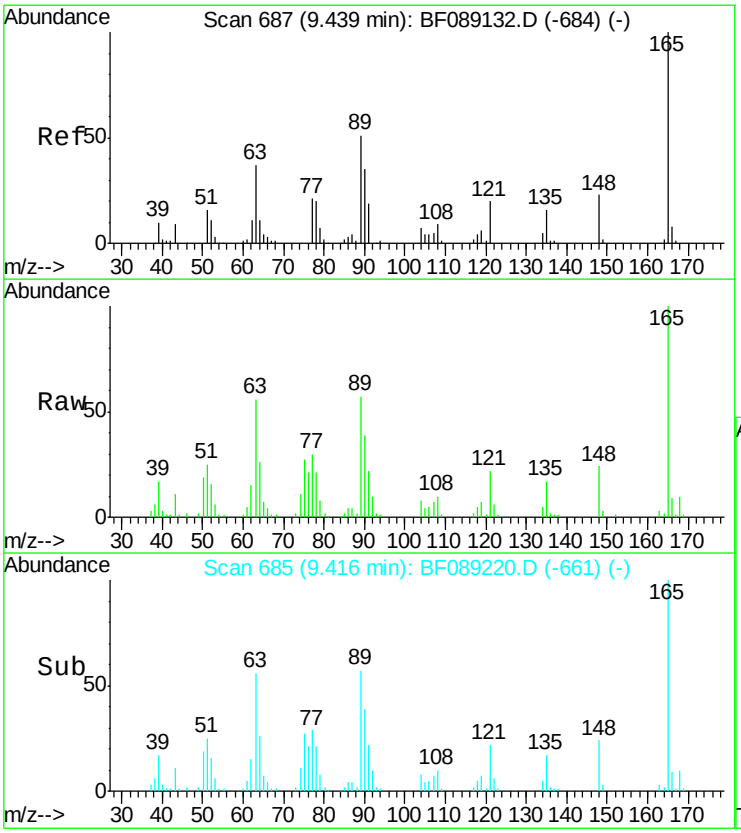

#49
Dimethylphthalate
Concen: 41.02 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:163 Resp: 282330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.5 | 2.9 | 4.3 |
| 164 | 9.8 | 7.6 | 11.4 |

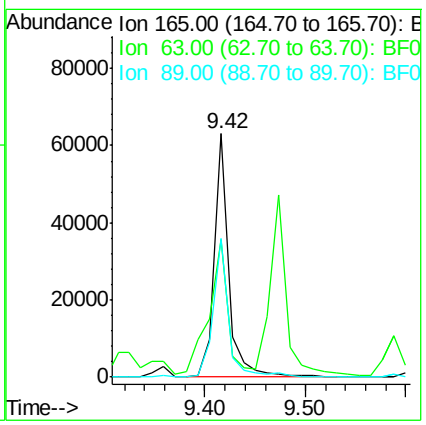


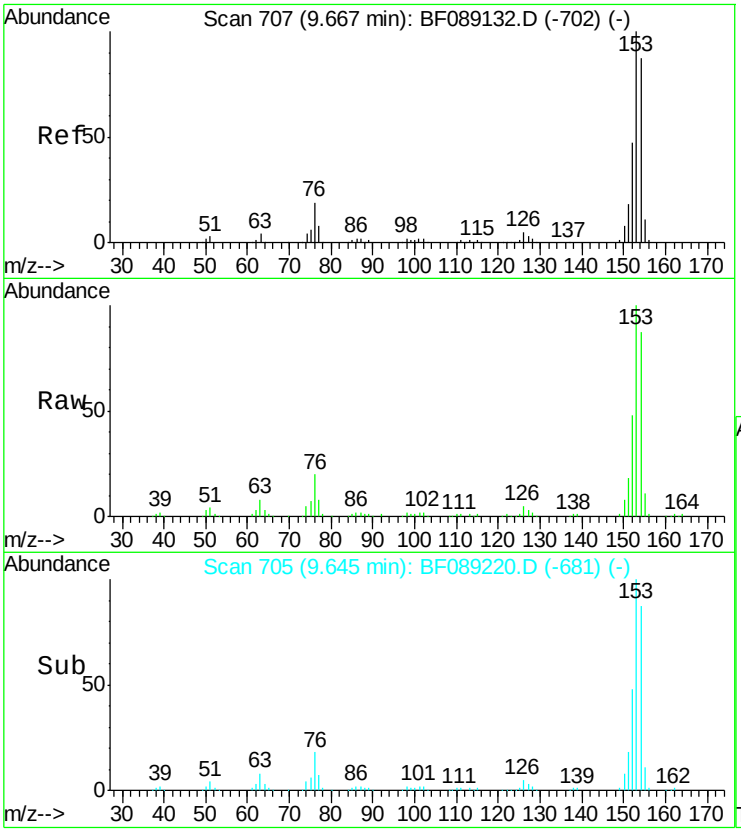




#50
2,6-Dinitrotoluene
Concen: 40.59 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:165 Resp: 63072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.2 | 37.0 | 55.4# |
| 89 | 57.2 | 40.9 | 61.3 |



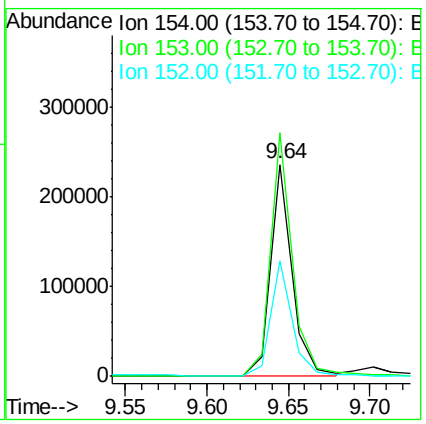


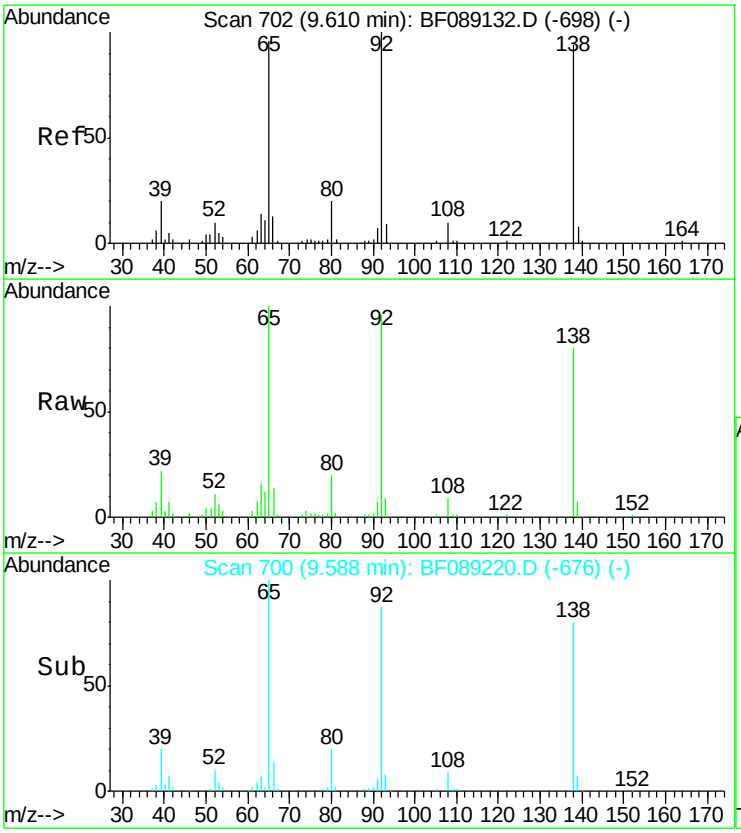

#51
Acenaphthene
Concen: 38.02 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:154 Resp: 217046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.0 | 91.9 | 137.9 |
| 152 | 54.8 | 42.8 | 64.2 |

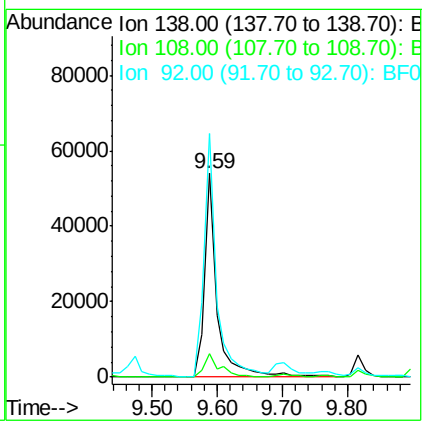


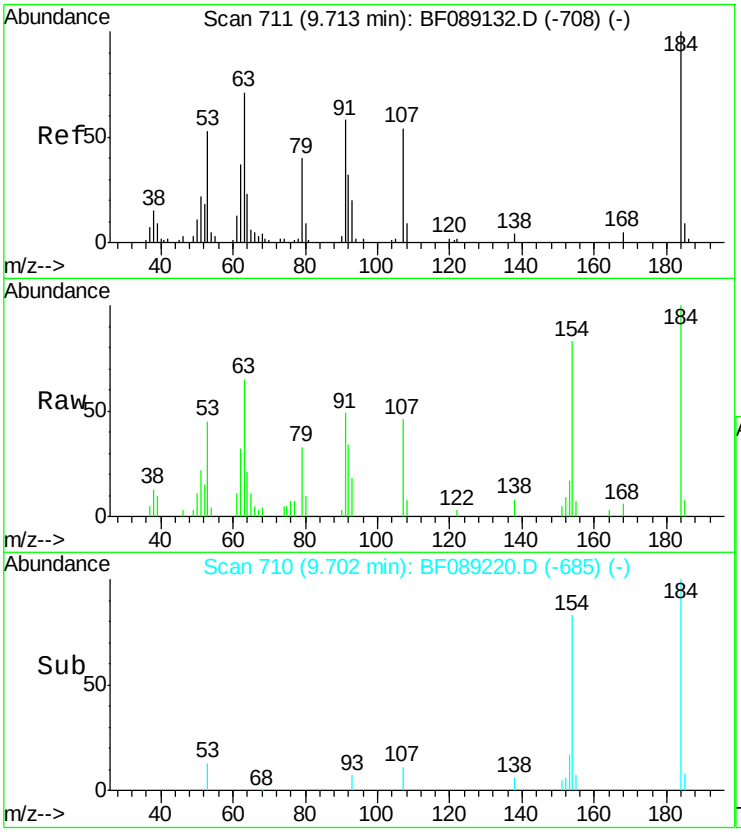




#52
3-Nitroaniline
Concen: 38.98 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:138 Resp: 71944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.5 | 8.8 | 13.2 |
| 92 | 119.7 | 85.3 | 127.9 |



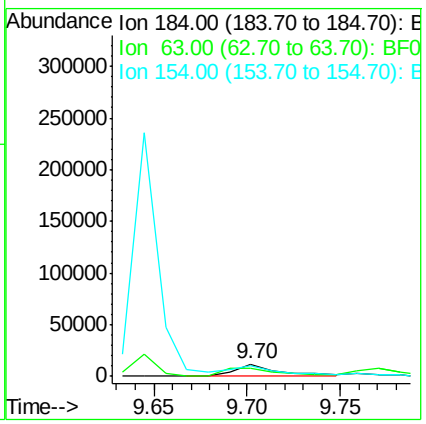


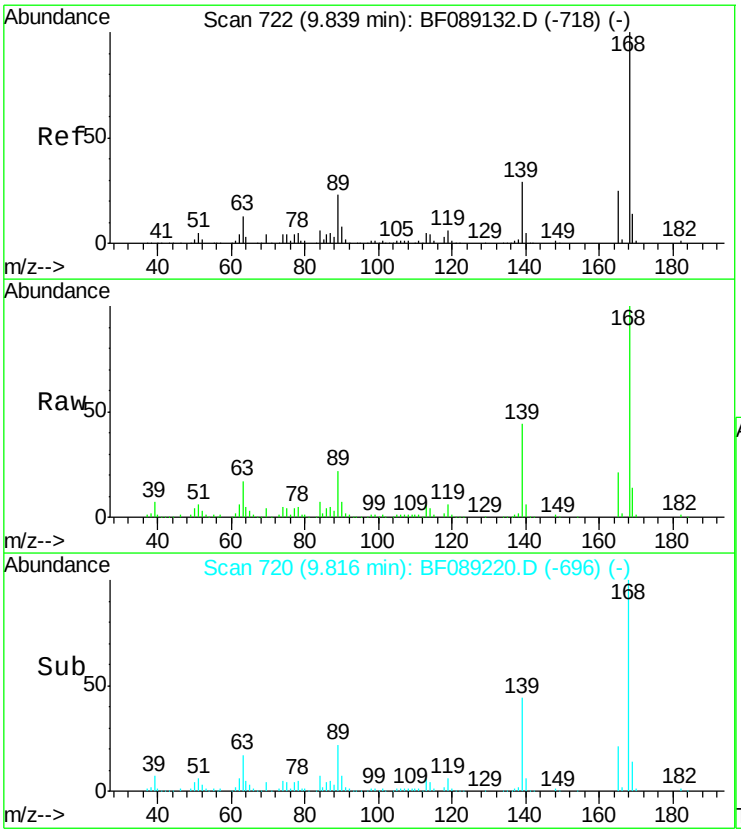

#53
2,4-Dinitrophenol
Concen: 31.43 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:184 Resp: 20312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 64.9 | 60.3 | 90.5 |
| 154 | 83.1 | 60.7 | 91.1 |

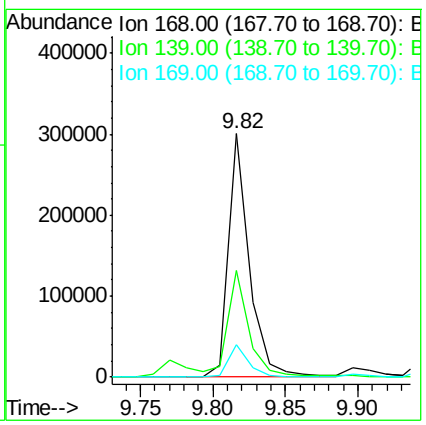


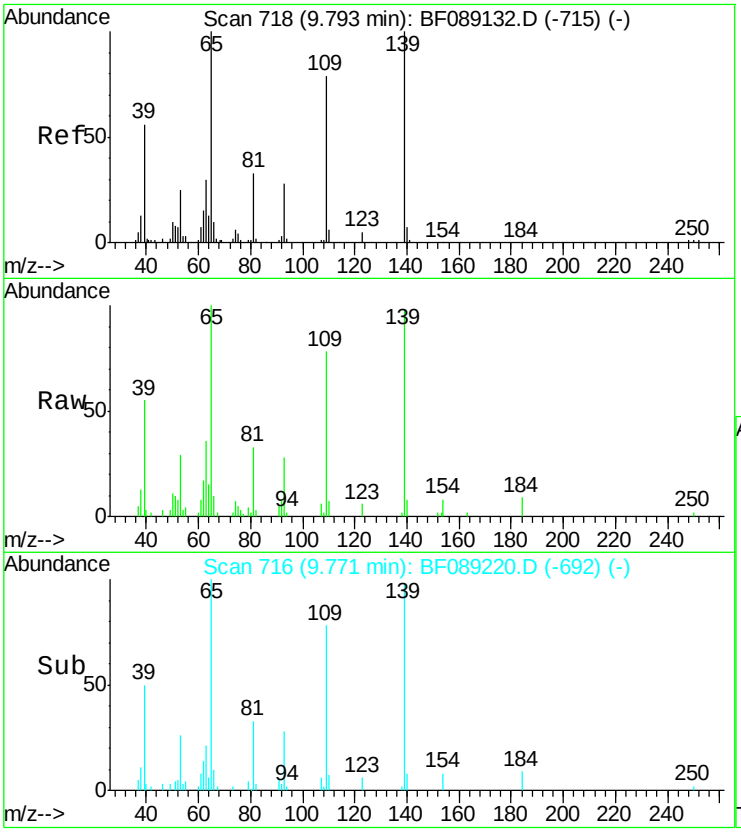




#54
Dibenzofuran
Concen: 39.08 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:168 Resp: 301486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 44.0 | 34.4 | 51.6 |
| 169 | 13.5 | 10.8 | 16.2 |



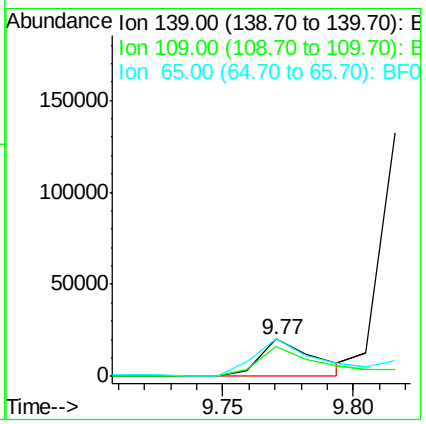


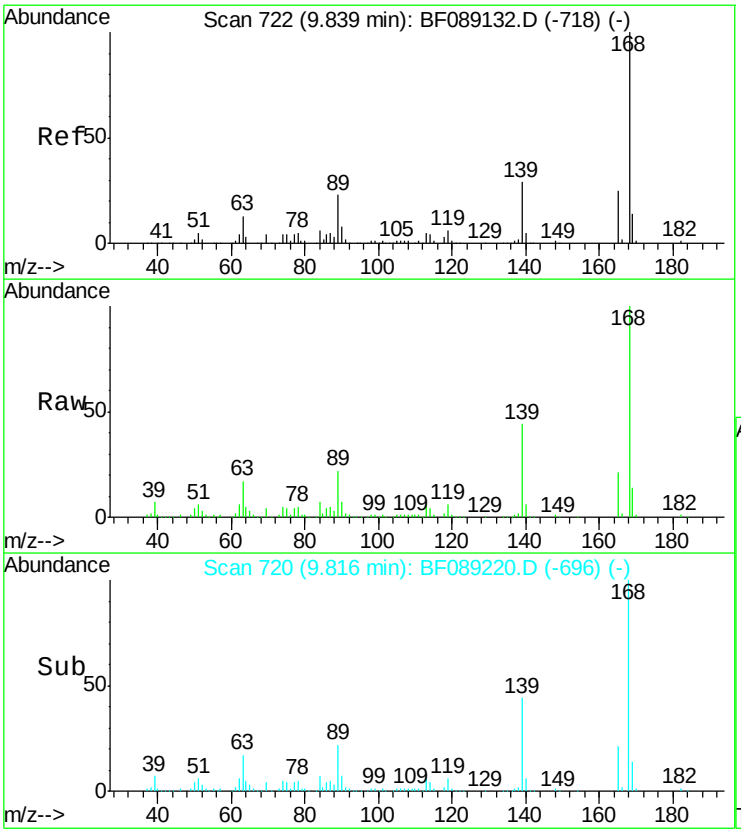

#55
4-Nitrophenol
Concen: 26.17 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:139 Resp: 29227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 79.6 | 58.7 | 98.7 |
| 65 | 101.5 | 80.2 | 120.2 |

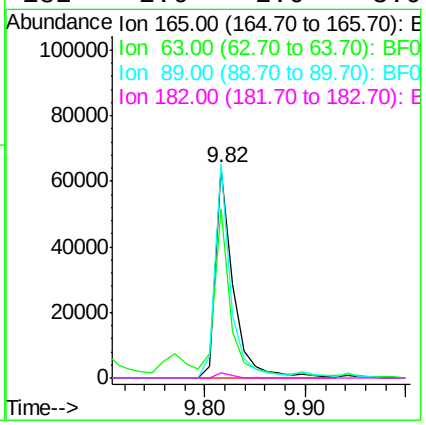


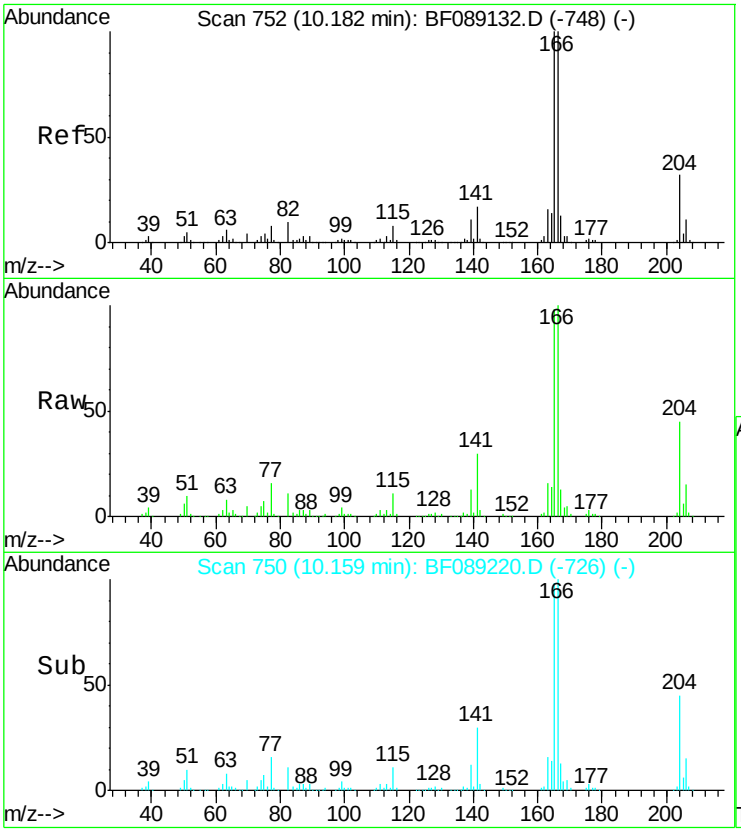




#56
2,4-Dinitrotoluene
Concen: 39.34 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:165 Resp: 78744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 80.5 | 55.4 | 83.2 |
| 89 | 101.6 | 74.3 | 111.5 |
| 182 | 2.6 | 2.0 | 3.0 |



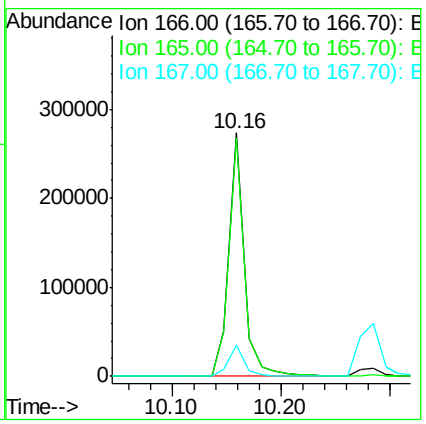


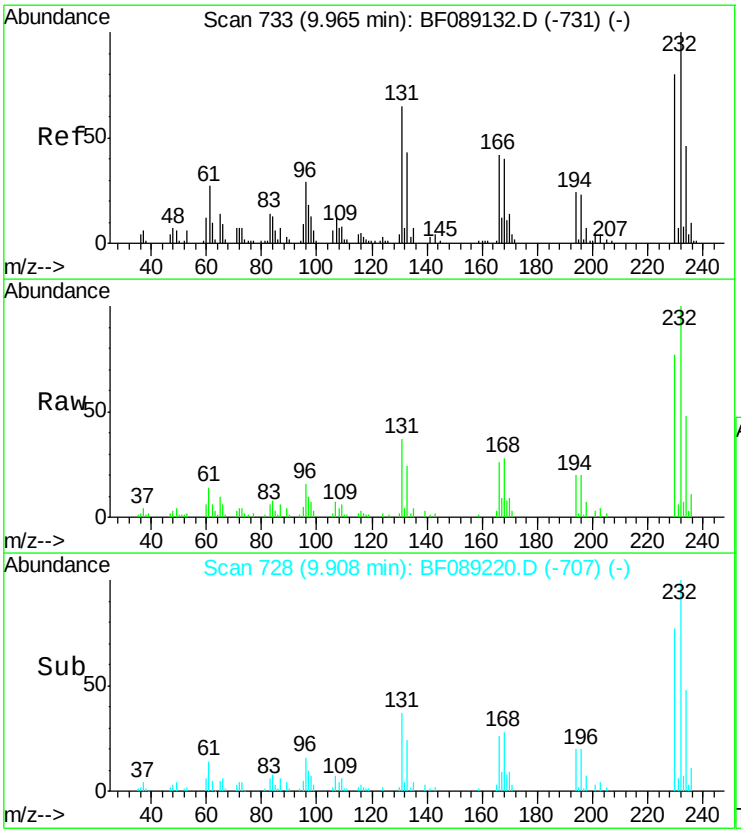

#57
Fluorene
Concen: 41.21 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:166 Resp: 269836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.0 | 79.9 | 119.9 |
| 167 | 13.0 | 10.7 | 16.1 |

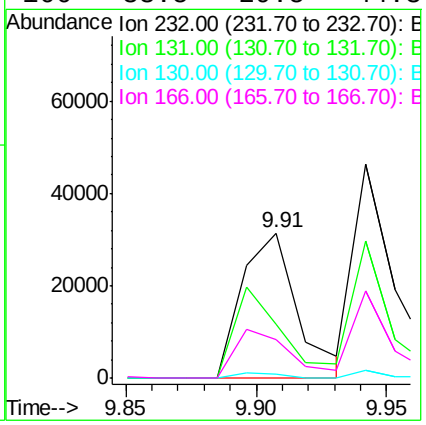


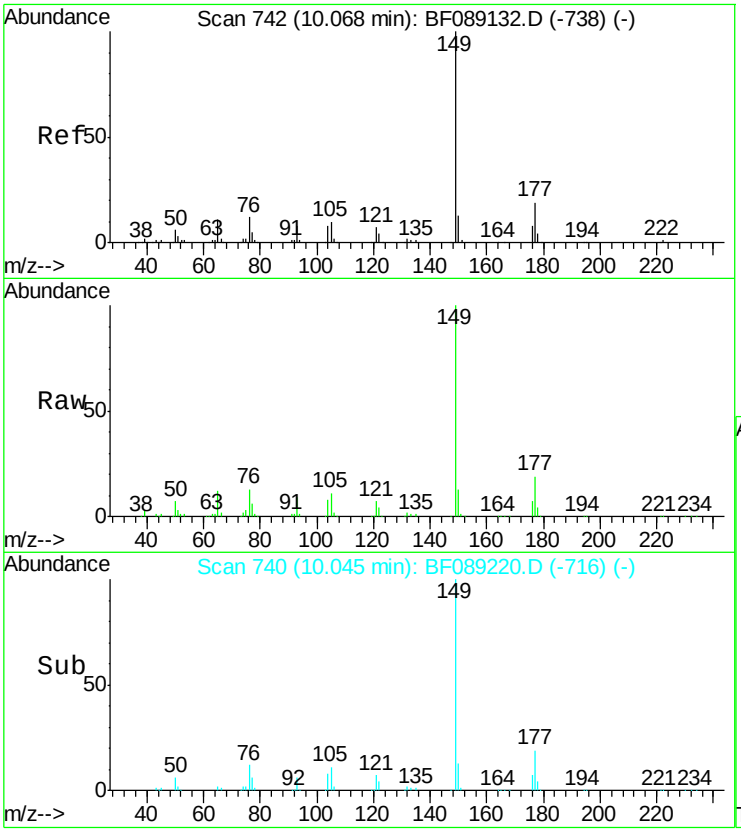




#58
2,3,4,6-Tetrachlorophenol
Concen: 34.79 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.06 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:232 Resp: 46807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 55.3 | 46.2 | 69.2 |
| 130 | 2.8 | 2.3 | 3.5 |
| 166 | 33.5 | 29.5 | 44.3 |



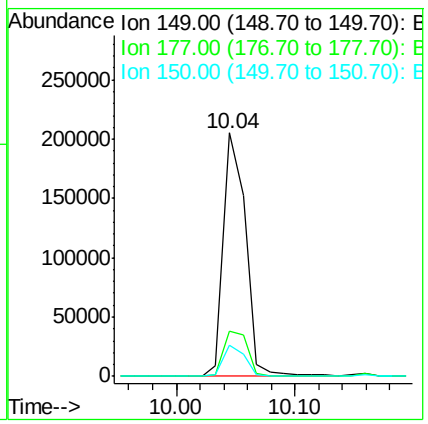


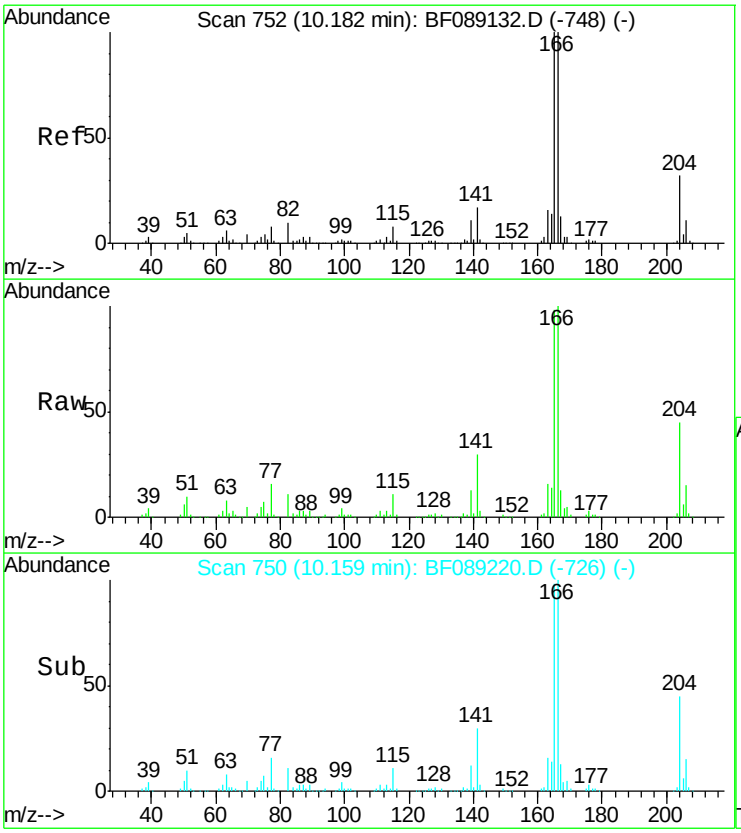

#59
Diethylphthalate
Concen: 39.09 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:149 Resp: 266811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 18.8 | 15.6 | 23.4 |
| 150 | 12.6 | 10.1 | 15.1 |

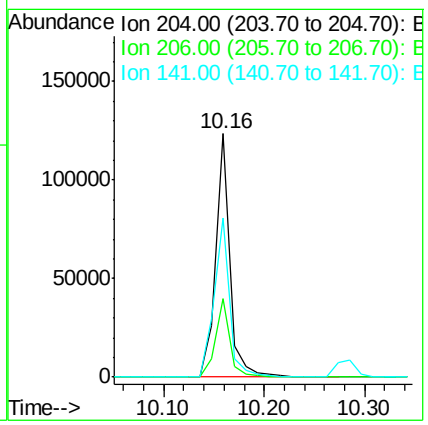


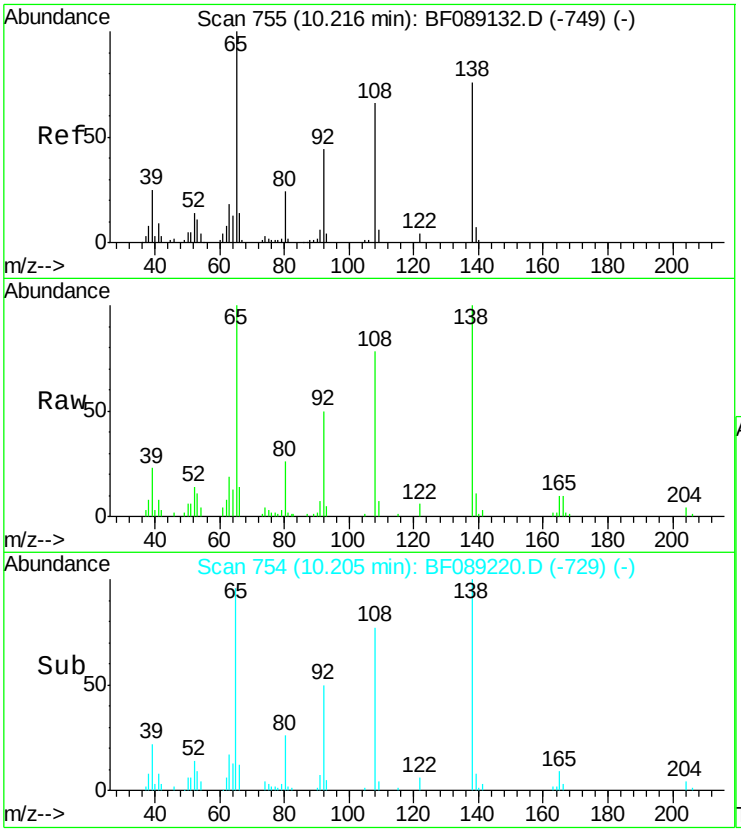




#60
4-Chlorophenyl-phenylether
Concen: 40.46 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:204 Resp: 120942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.5 | 26.2 | 39.4 |
| 141 | 65.4 | 42.2 | 63.4# |



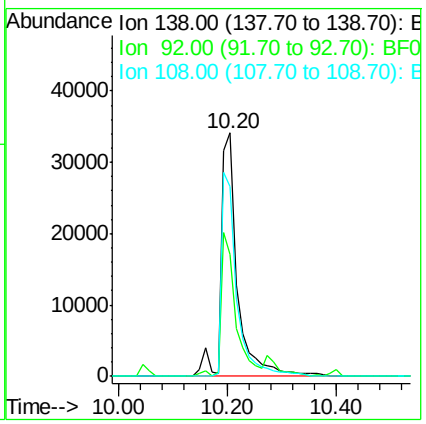


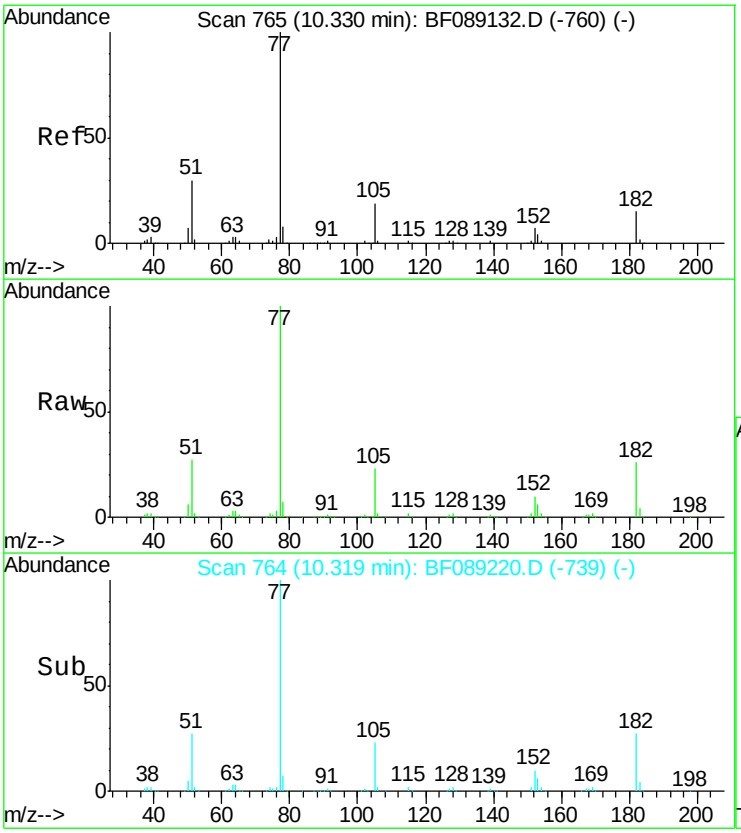

#61
4-Nitroaniline
Concen: 40.13 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:138 Resp: 72057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.9 | 37.2 | 77.2 |
| 108 | 77.9 | 66.1 | 106.1 |

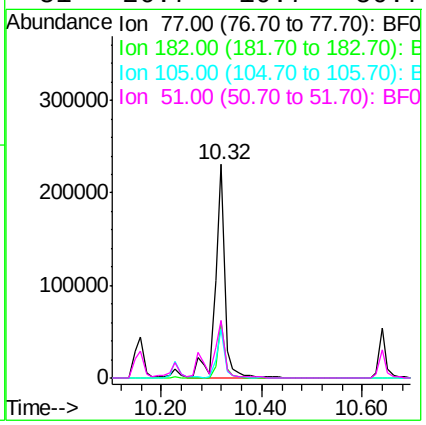


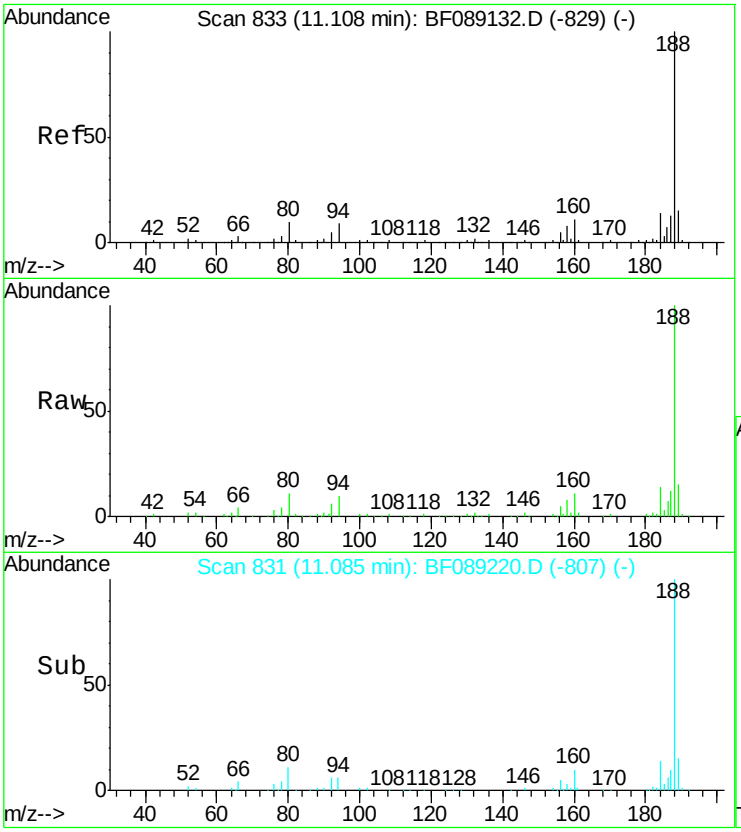




#62
Azobenzene
Concen: 40.49 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion: 77 Resp: 300342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.4 | 0.0 | 35.0 |
| 105 | 23.1 | 0.0 | 39.4 |
| 51 | 26.7 | 10.7 | 50.7 |



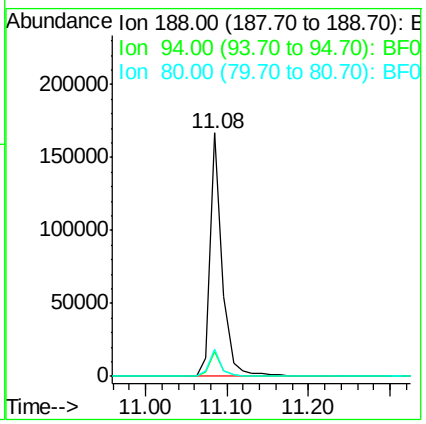


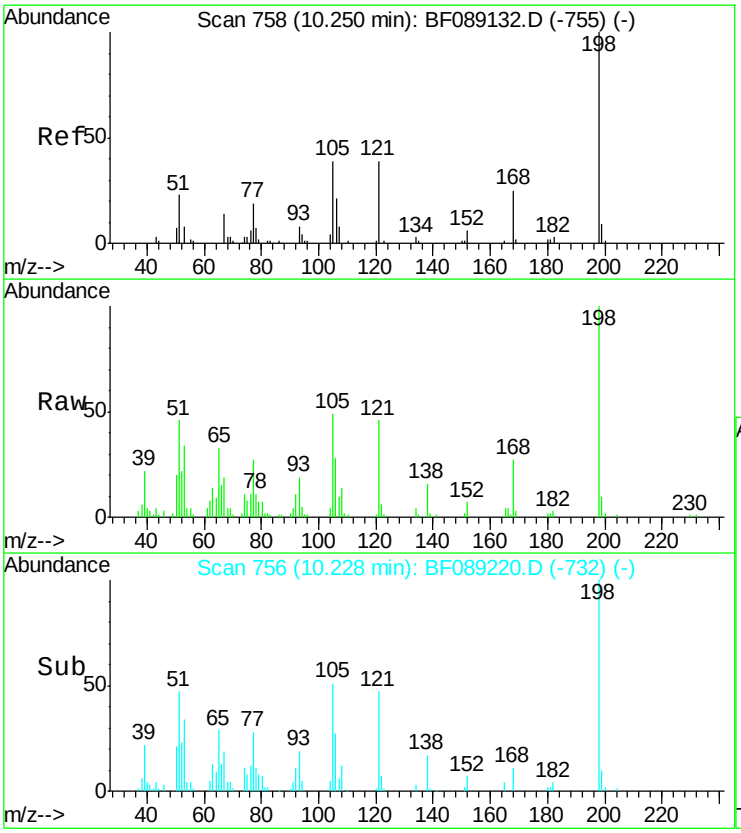

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:188 Resp: 175139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 7.0 | 10.4 |
| 80 | 11.4 | 7.7 | 11.5 |

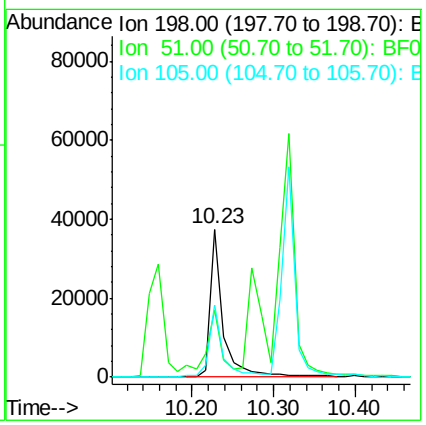


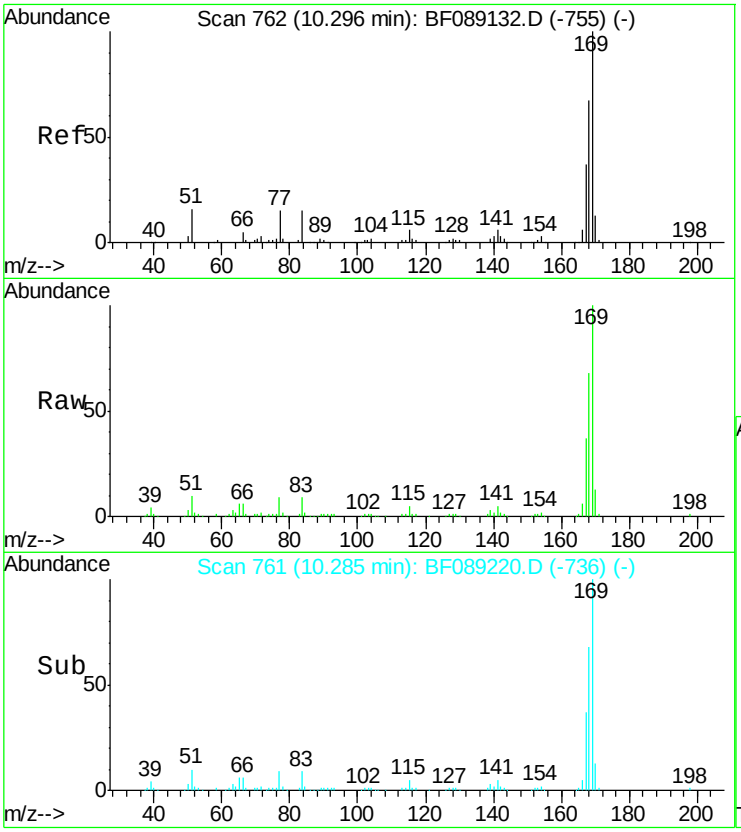




#64
4,6-Dinitro-2-methylphenol
Concen: 41.16 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:198 Resp: 41971

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 45.5 | 11.7 | 51.7 |
| 105 | 49.2 | 20.3 | 60.3 |



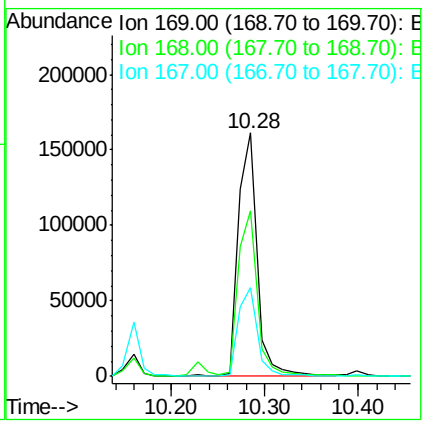


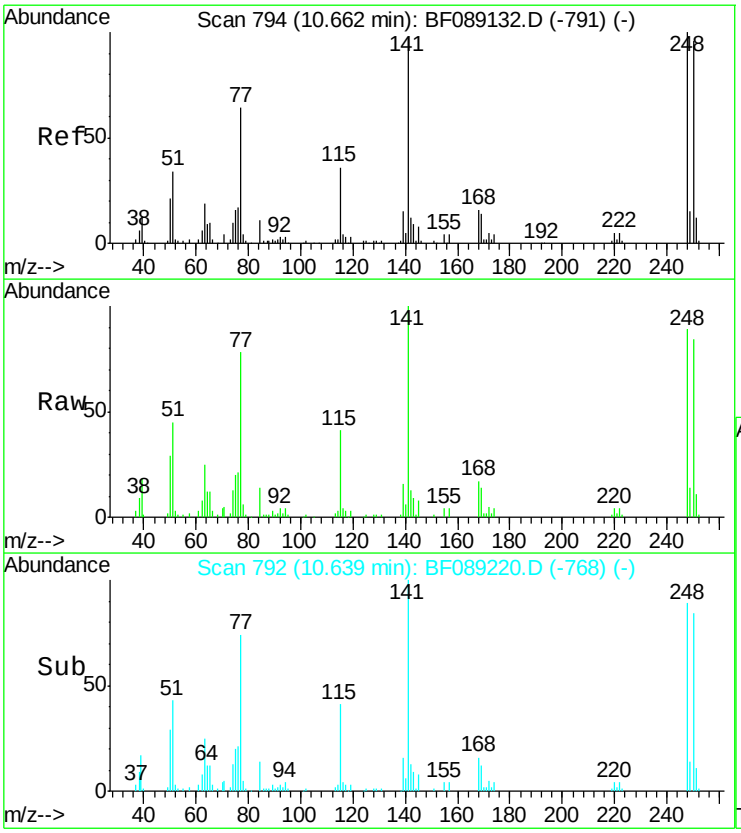

#65
n-Nitrosodiphenylamine
Concen: 38.95 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:169 Resp: 227978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.2 | 53.4 | 80.0 |
| 167 | 36.6 | 29.5 | 44.3 |

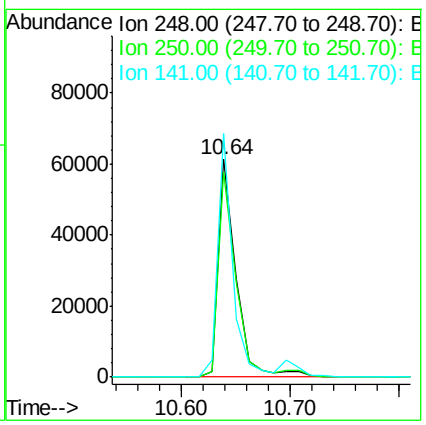


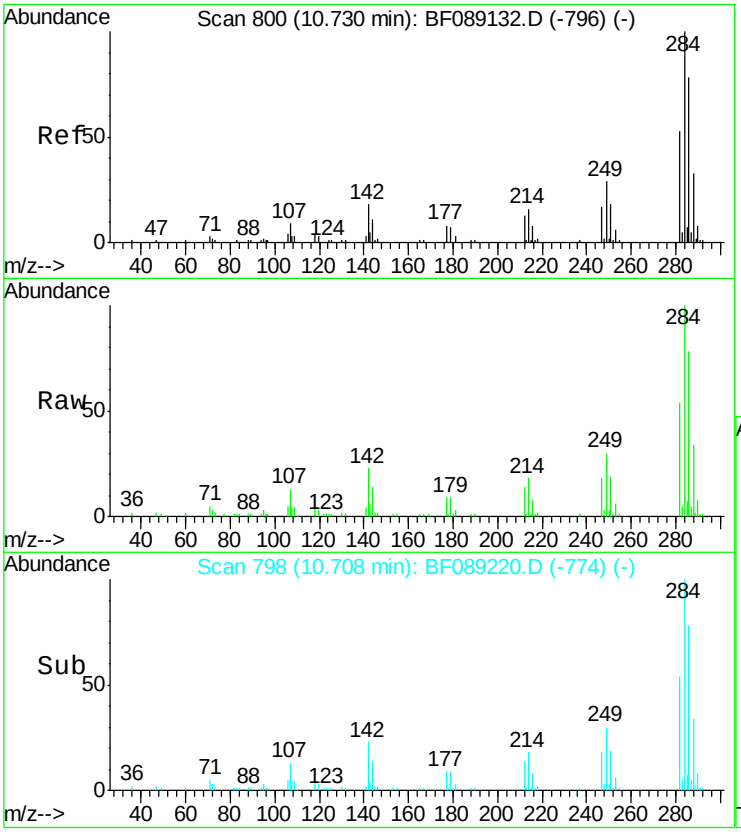




#66
4-Bromophenyl-phenylether
Concen: 40.13 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:248 Resp: 69556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.2 | 76.9 | 115.3 |
| 141 | 111.9 | 77.4 | 116.2 |



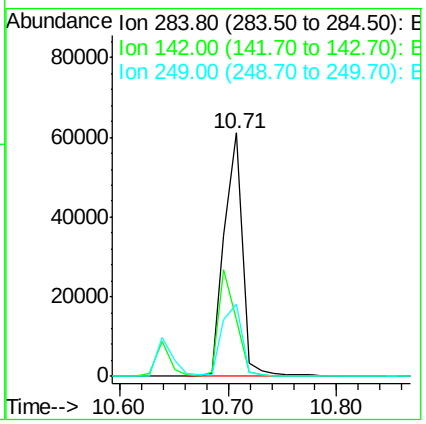


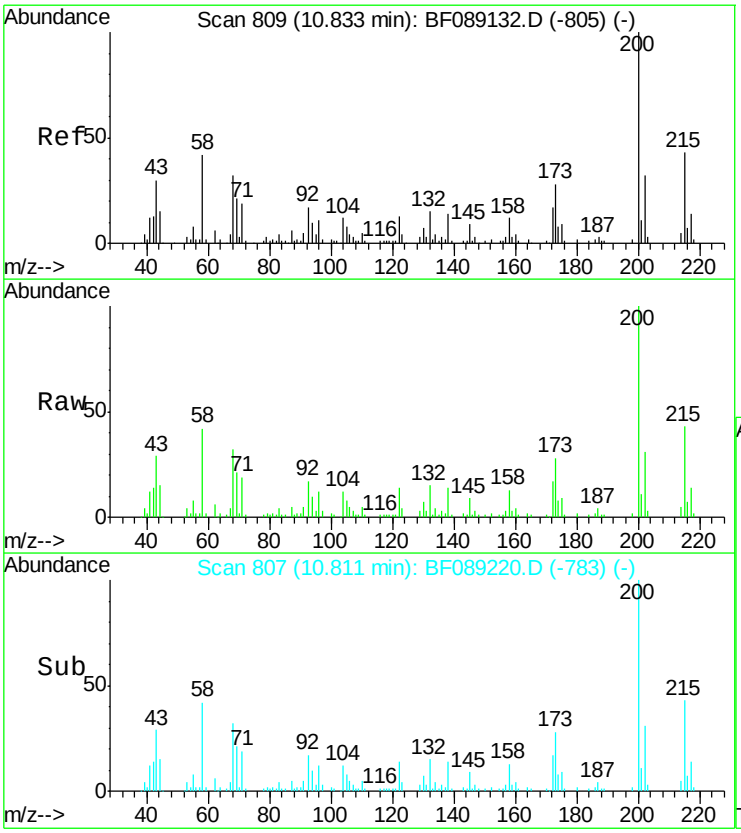

#67
Hexachlorobenzene
Concen: 38.18 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:284 Resp: 71170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 23.3 | 14.1 | 21.1# |
| 249 | 29.8 | 23.0 | 34.4 |

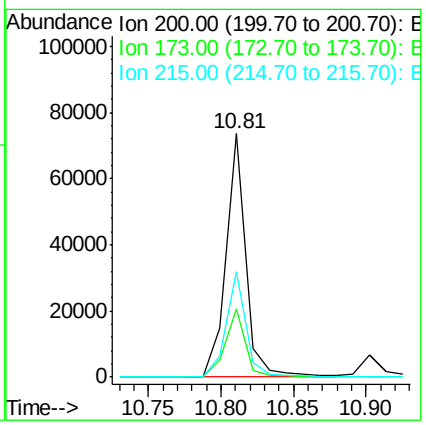


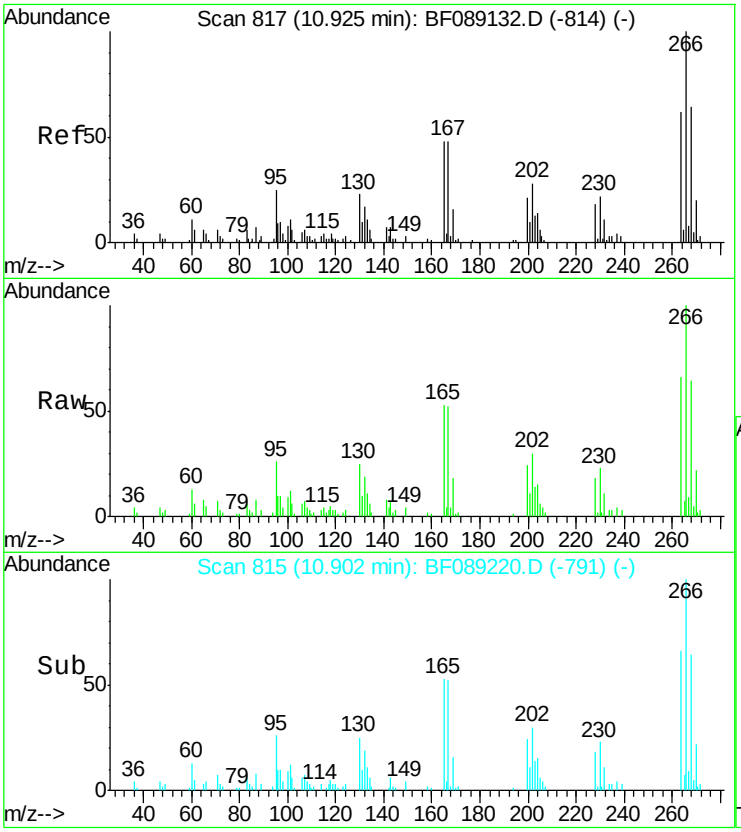




#68
Atrazine
Concen: 38.42 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:200 Resp: 70319

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.1 | 7.8 | 47.8 |
| 215 | 43.3 | 22.9 | 62.9 |



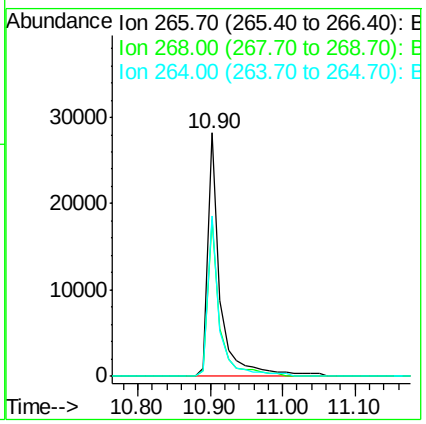


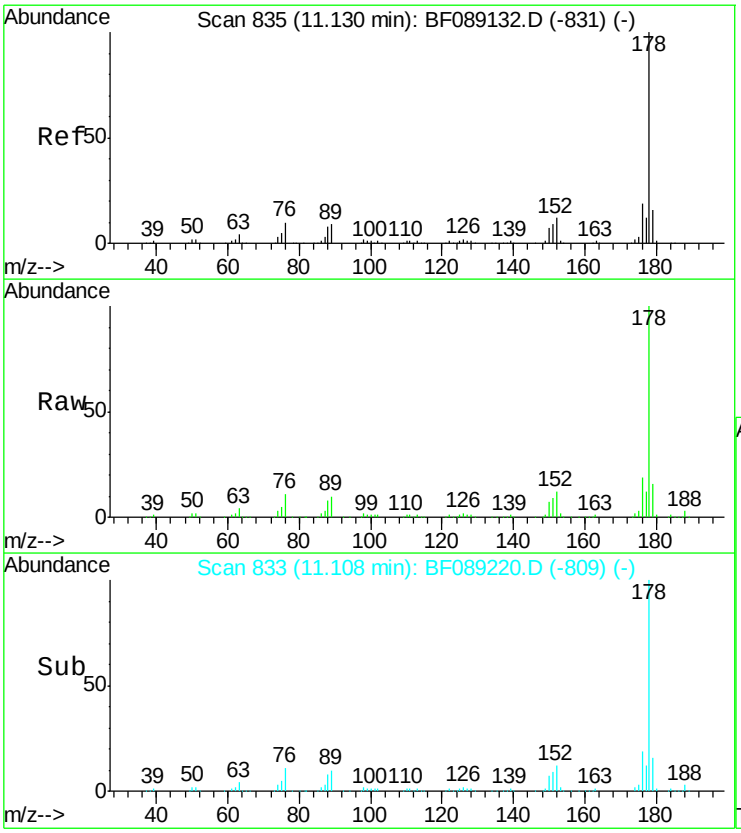

#69
Pentachlorophenol
Concen: 38.89 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:266 Resp: 33447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.4 | 51.2 | 76.8 |
| 264 | 66.1 | 49.7 | 74.5 |

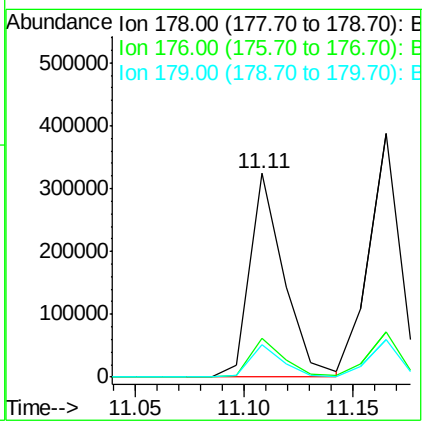


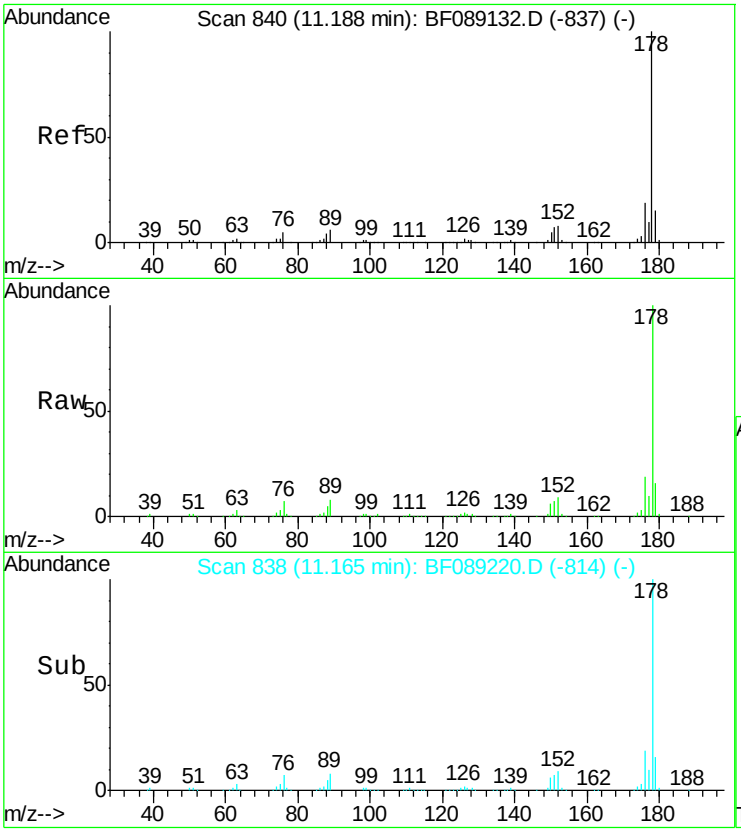




#70
Phenanthrene
Concen: 37.06 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:178 Resp: 356091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.6 | 23.4 |
| 179 | 15.9 | 12.4 | 18.6 |



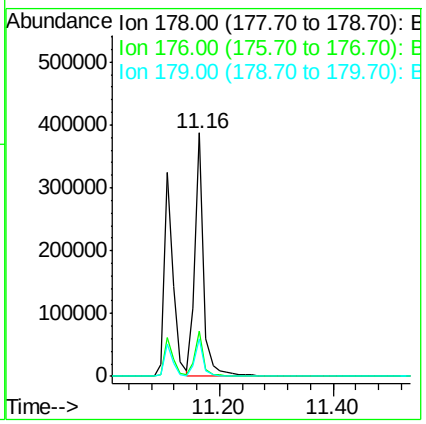


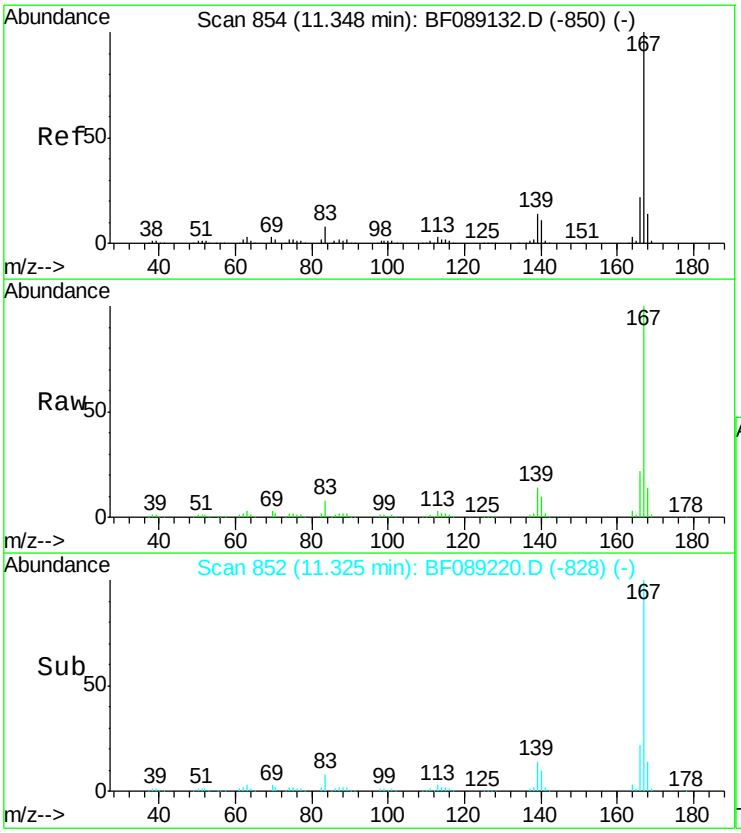

#71
Anthracene
Concen:  41.64 ng
RT: 11.16 min  Scan# 838
Delta R.T.  -0.02 min
Lab File:  BF089220.D
Acq: 23 Jul 2016  6:21

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

Tgt Ion:178 Resp:  415827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 14.9 | 22.3 |
| 179 | 15.5 | 12.0 | 18.0 |

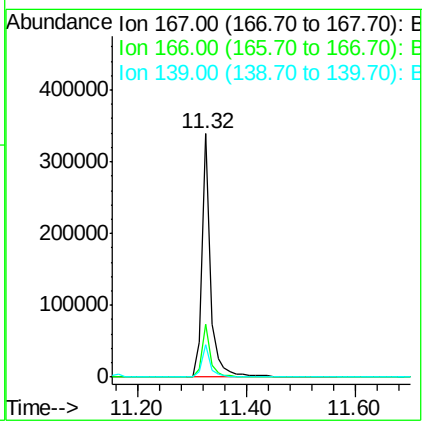


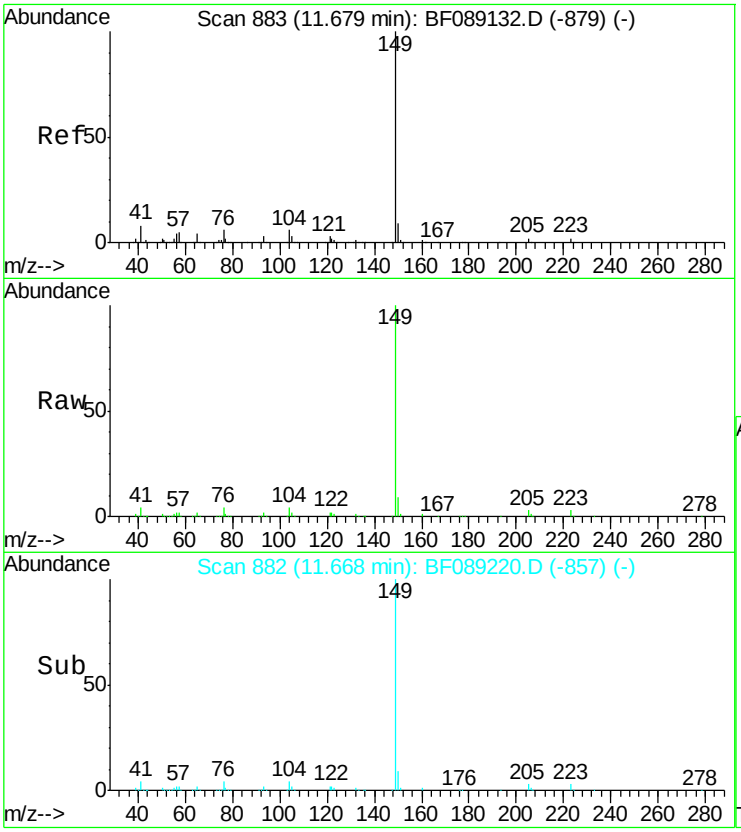




#72
Carbazole
Concen:  41.54 ng
RT: 11.32 min  Scan# 852
Delta R.T.  -0.02 min
Lab File:  BF089220.D
Acq: 23 Jul 2016  6:21

Tgt Ion:167 Resp:  364349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.8 | 17.7 | 26.5 |
| 139 | 13.5 | 11.0 | 16.4 |



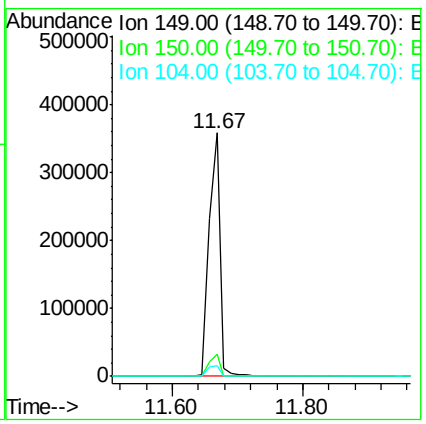


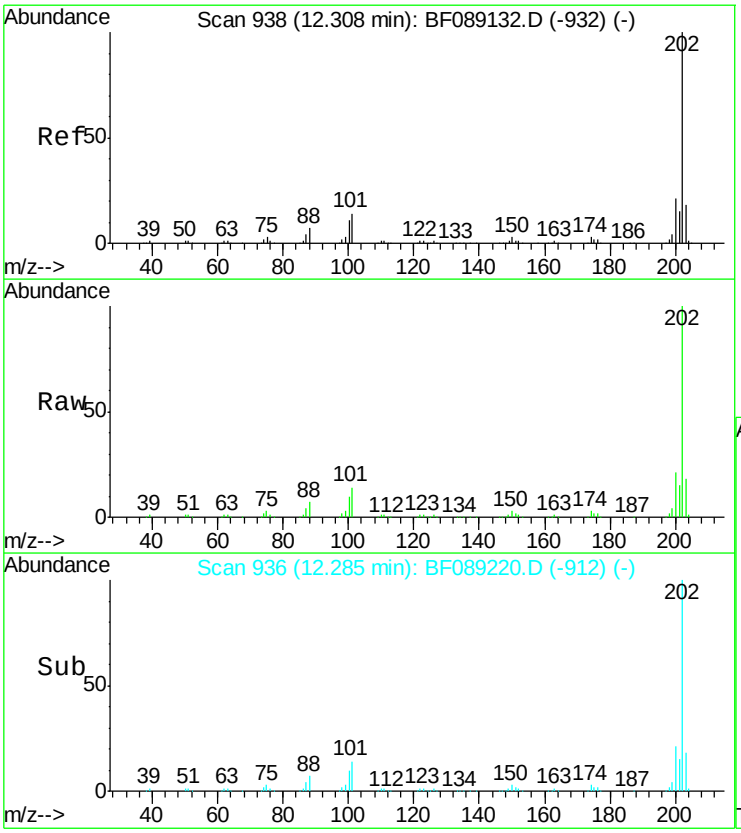

#73
Di-n-butylphthalate
Concen: 39.29 ng
RT: 11.67 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:149 Resp: 426269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.4 | 11.2 |
| 104 | 4.2 | 4.6 | 6.8# |

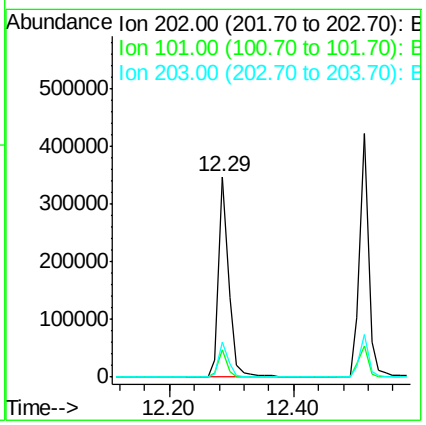


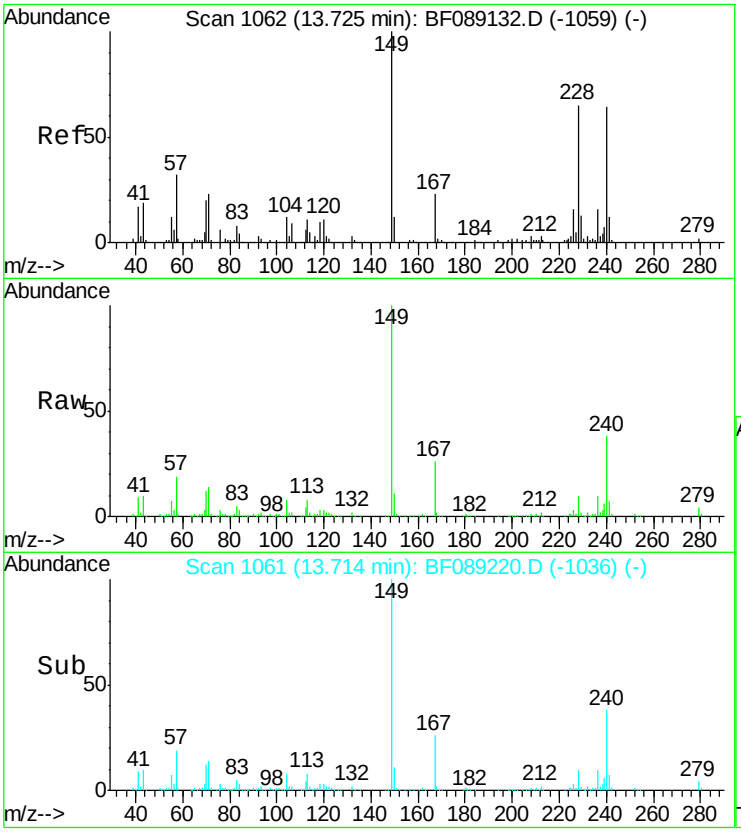




#74
Fluoranthene
Concen: 38.35 ng
RT: 12.29 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:202 Resp: 387281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.6 | 0.0 | 34.0 |
| 203 | 17.5 | 0.0 | 37.8 |



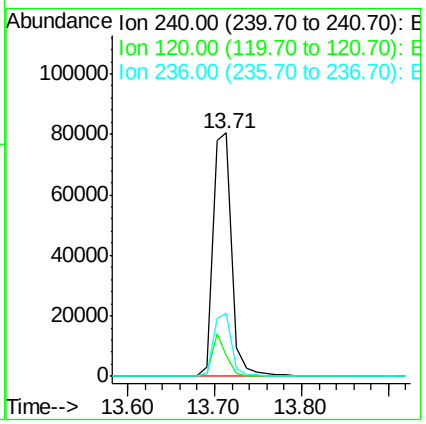


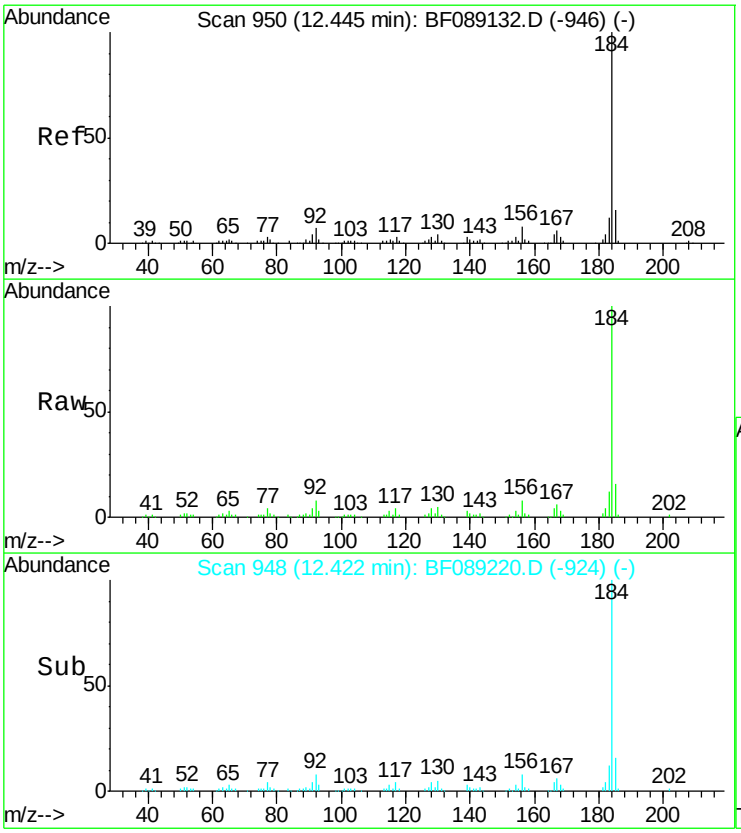

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:240 Resp: 121590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.3 | 13.6 | 20.4# |
| 236 | 25.8 | 20.5 | 30.7 |

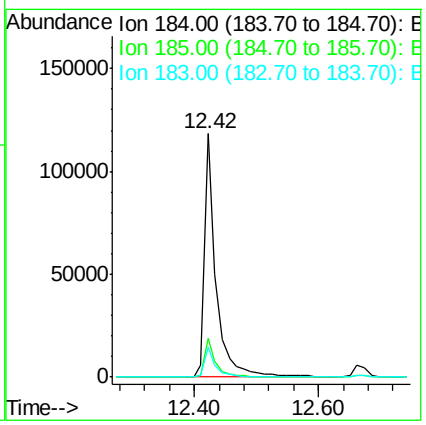


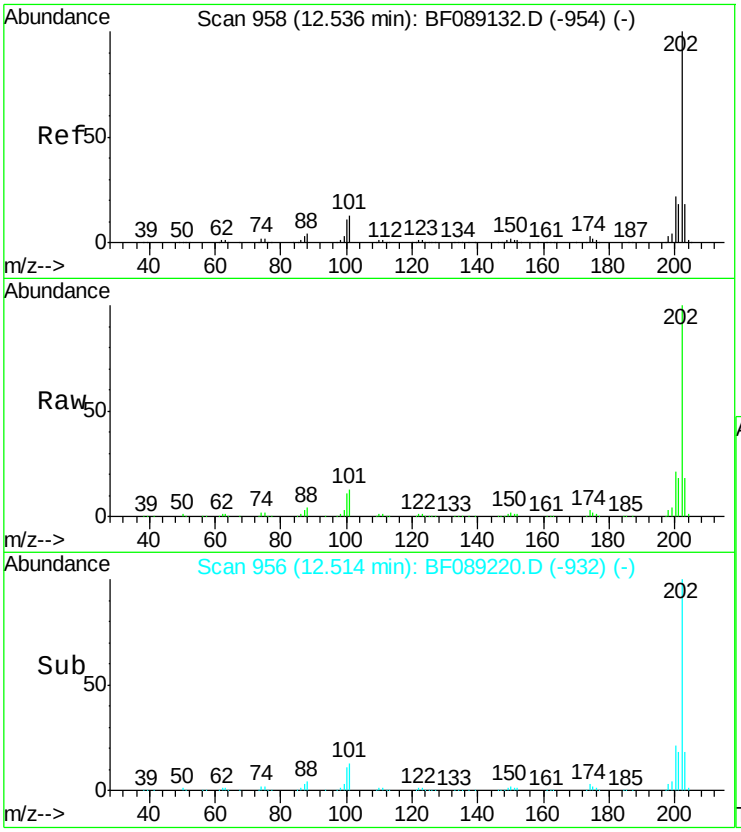




#76
Benzidine
Concen: 36.65 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:184 Resp: 153204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.8 | 12.5 | 18.7 |
| 183 | 12.2 | 9.6 | 14.4 |



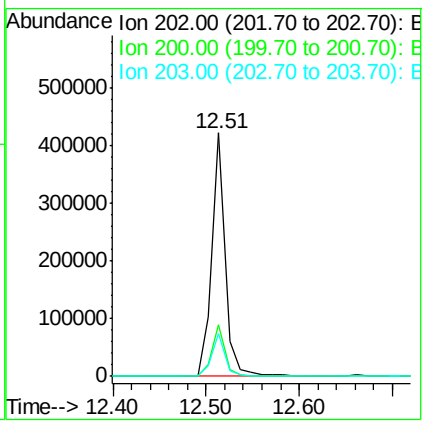


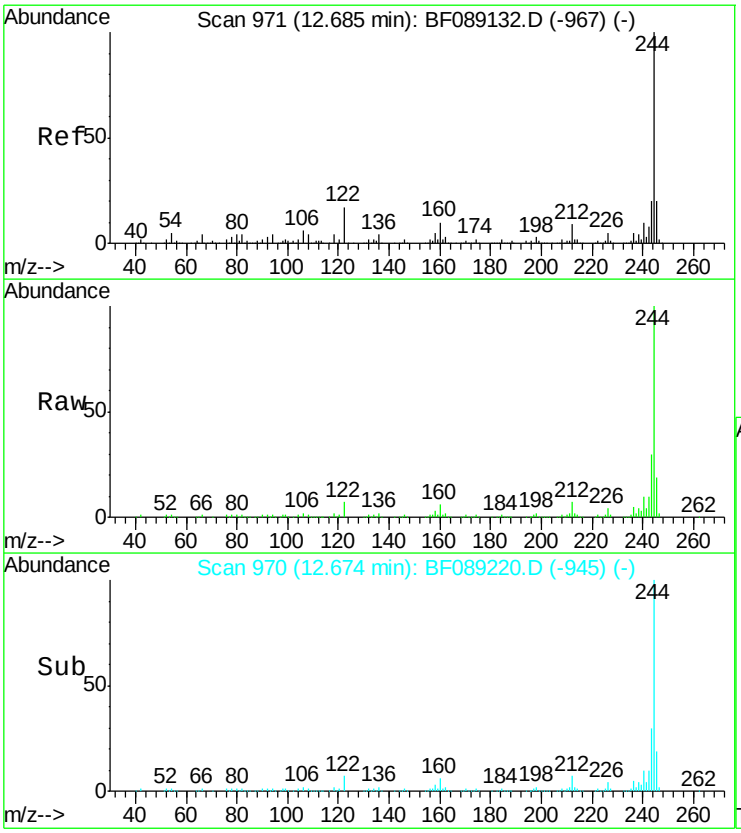

#77
Pyrene
Concen: 41.89 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:202 Resp: 420611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.4 | 26.0 |
| 203 | 17.6 | 14.2 | 21.2 |

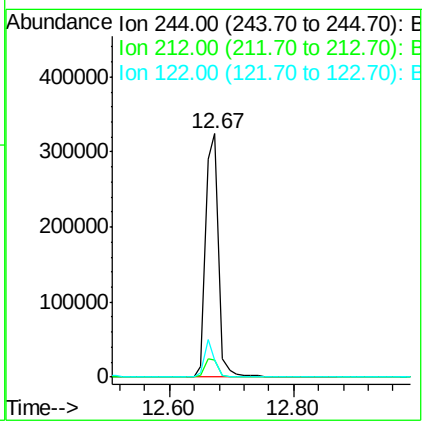


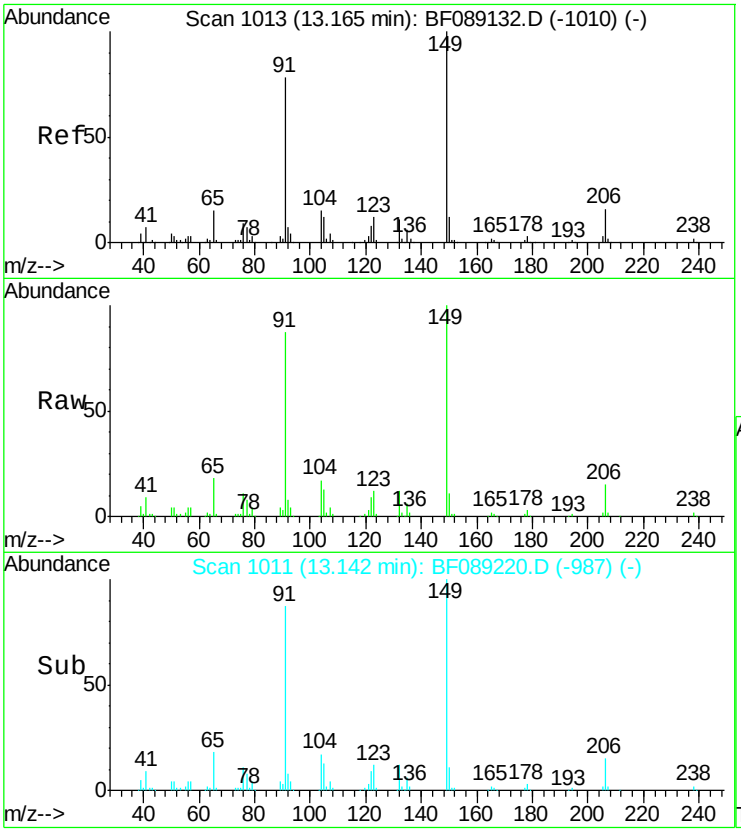




#78
Terphenyl-d14
Concen: 82.82 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:244 Resp: 464289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 7.0 | 10.4 |
| 122 | 7.3 | 13.8 | 20.8# |



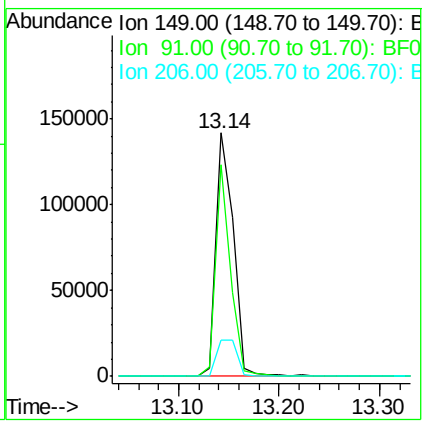


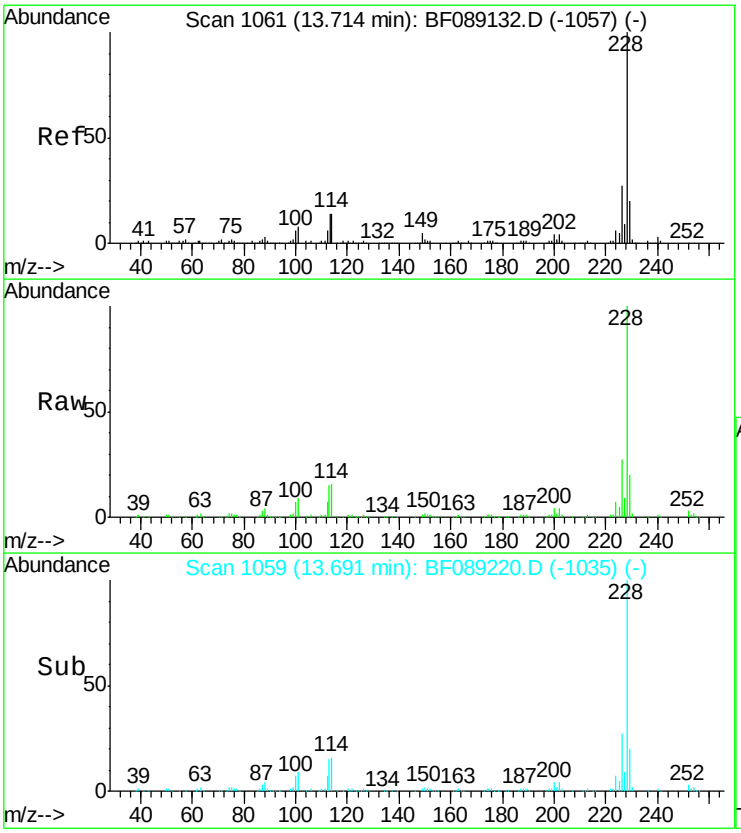

#79
Butylbenzylphthalate
Concen: 40.31 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:149 Resp: 171209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 87.2 | 62.6 | 93.8 |
| 206 | 14.7 | 13.2 | 19.8 |

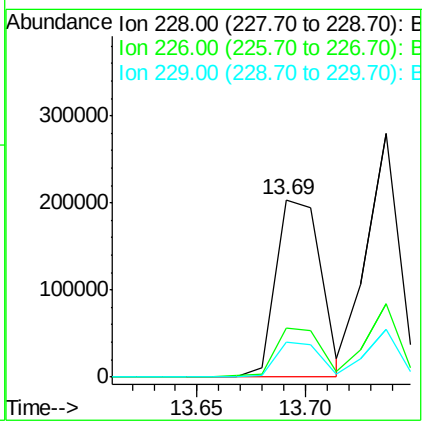


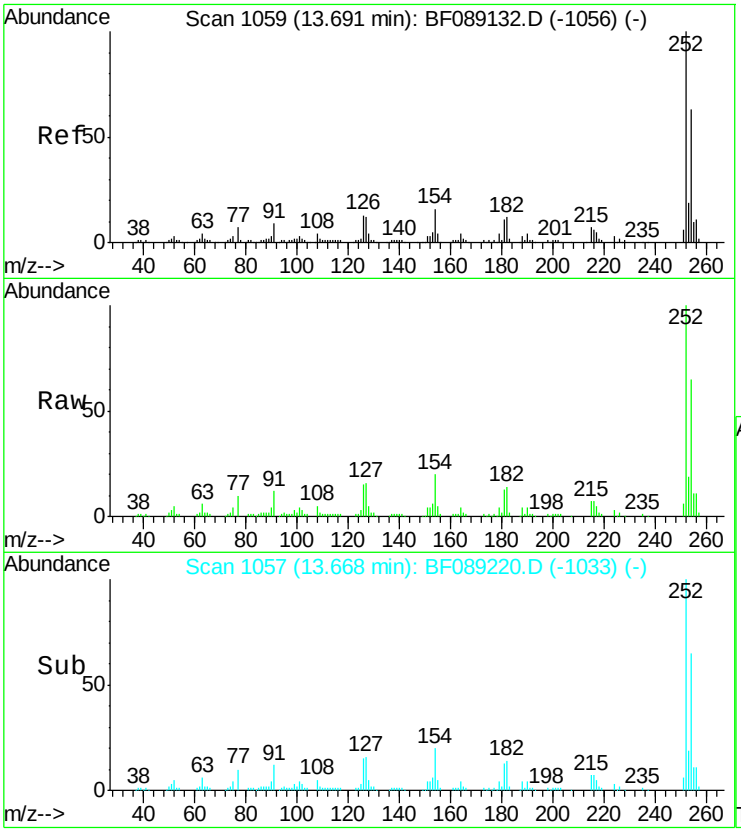




#80
Benzo(a)anthracene
Concen: 38.15 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:228 Resp: 295403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.4 | 21.8 | 32.8 |
| 229 | 20.0 | 15.8 | 23.8 |



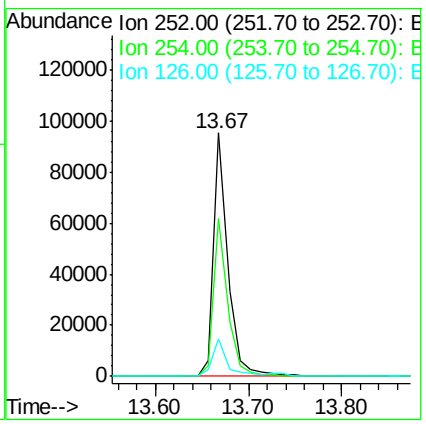


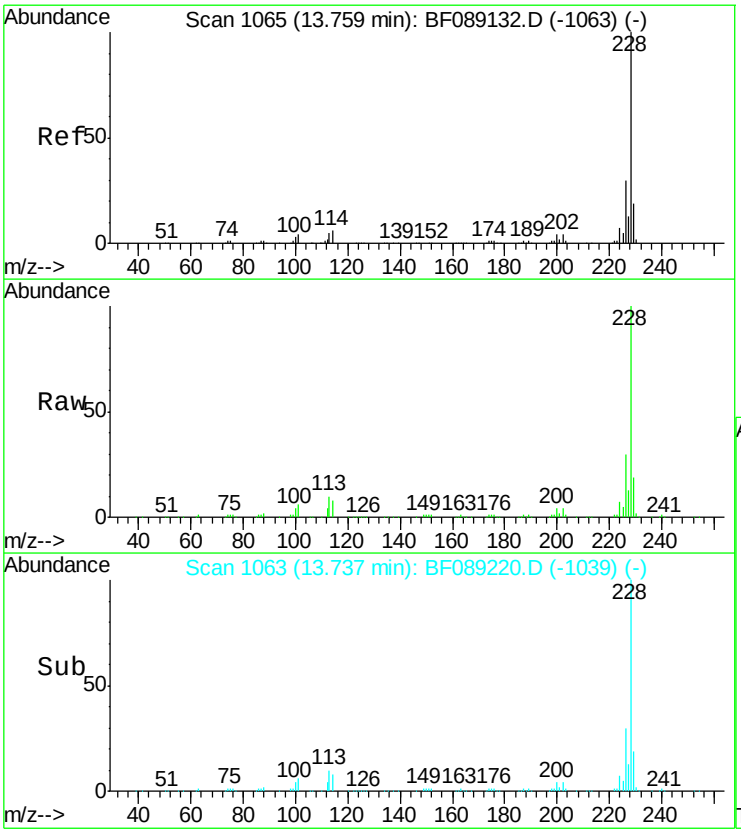

#81
3,3'-Dichlorobenzidine
Concen: 39.55 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:252 Resp: 101597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.8 | 50.4 | 75.6 |
| 126 | 15.3 | 10.2 | 15.2# |

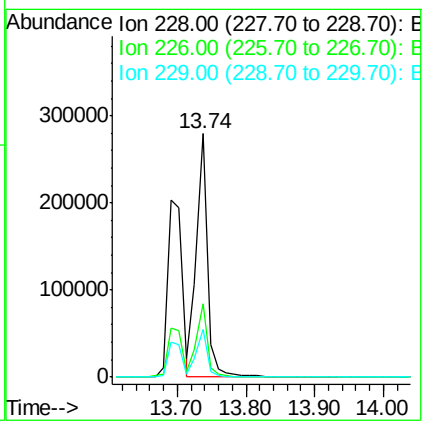


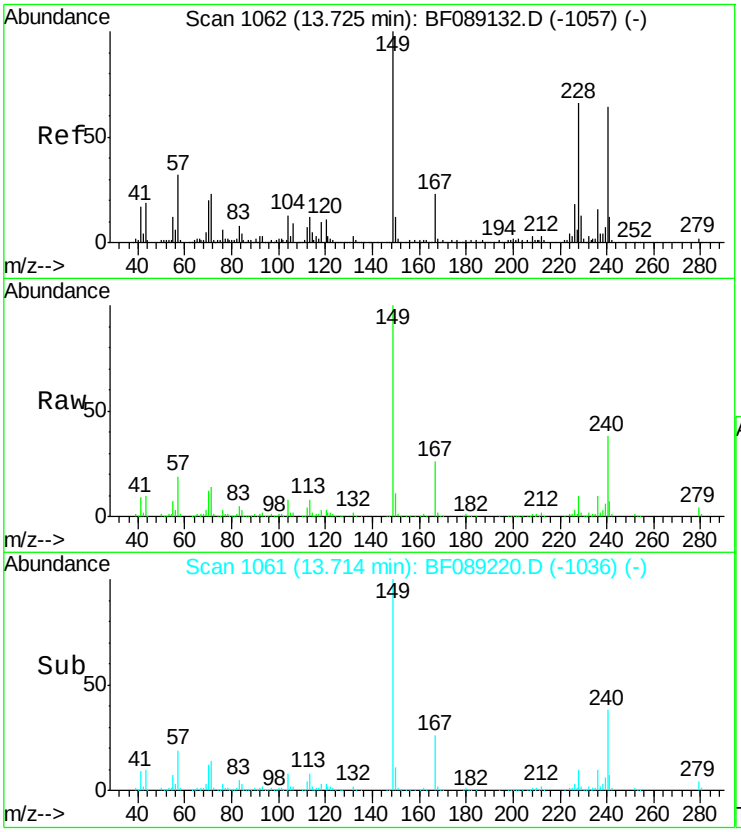




#82
Chrysene
Concen: 41.94 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:228 Resp: 310218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.1 | 23.8 | 35.8 |
| 229 | 19.4 | 15.4 | 23.0 |



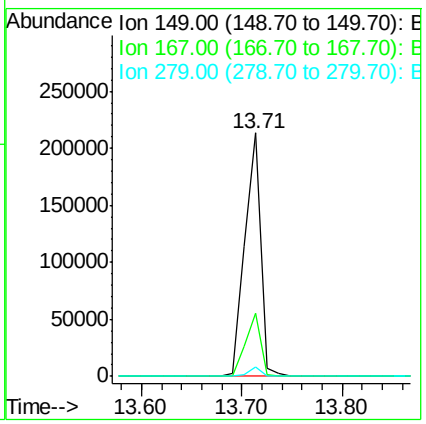


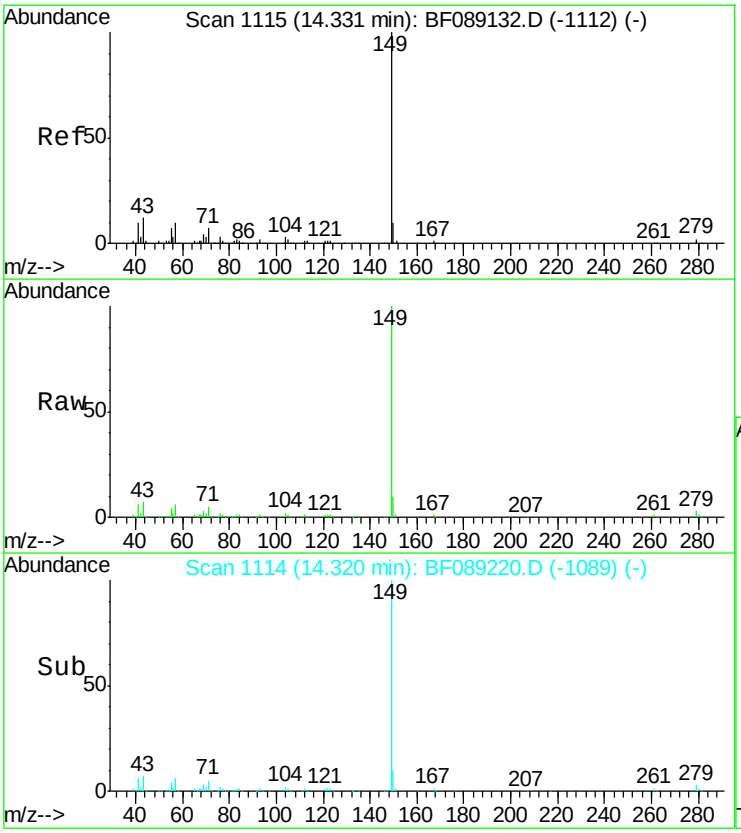

#83
Bis(2-ethylhexyl)phthalate
Concen: 41.38 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:149 Resp: 233154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.9 | 18.6 | 28.0 |
| 279 | 3.8 | 1.6 | 2.4# |

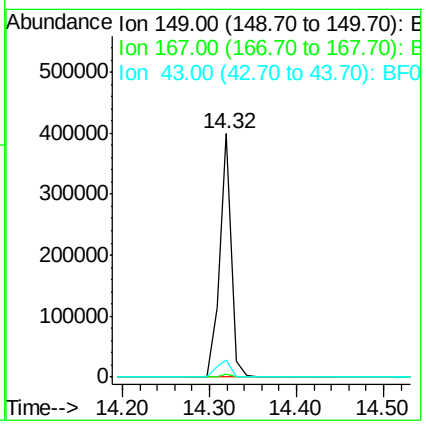


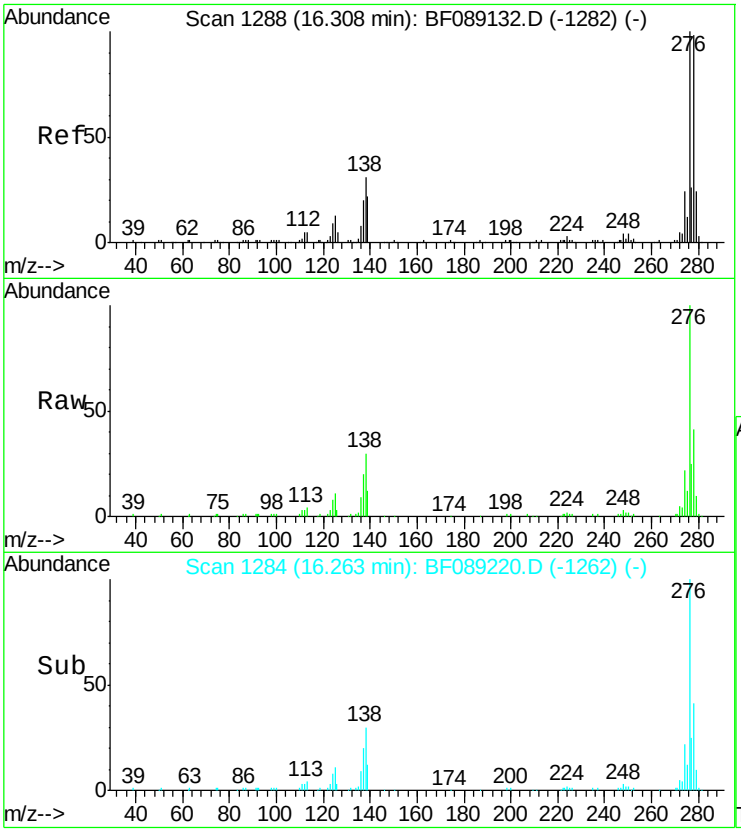




#84
Di-n-octyl phthalate
Concen: 40.40 ng
RT: 14.32 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:149 Resp: 375617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.4 | 1.2 | 1.8 |
| 43 | 8.9 | 7.3 | 10.9 |



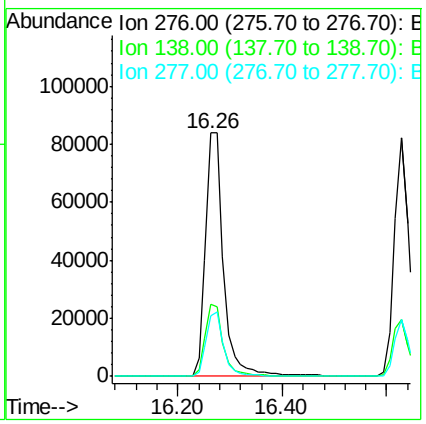


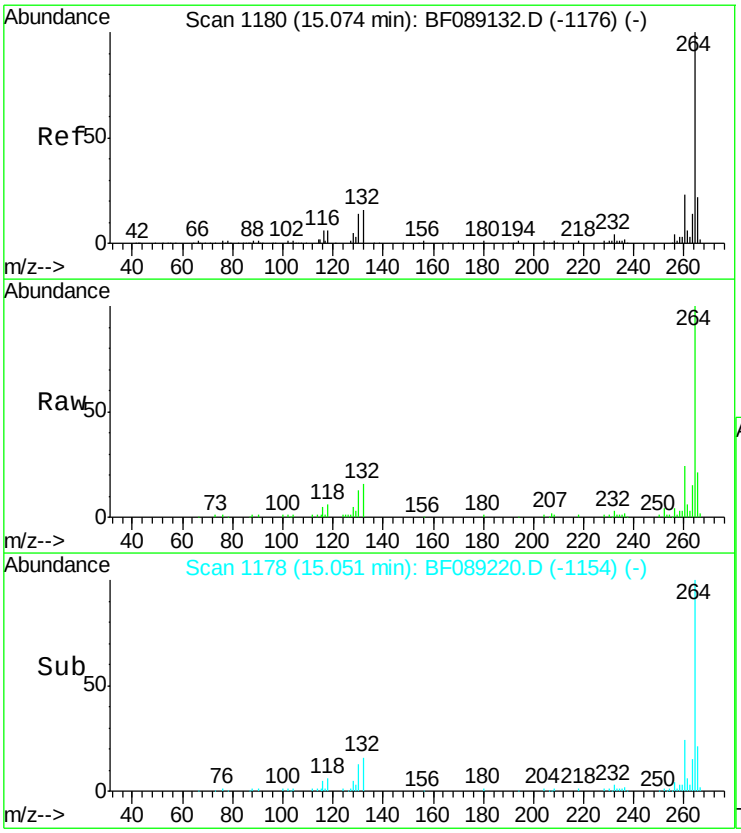

#85
Indeno(1,2,3-cd)pyrene
Concen: 37.64 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.05 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:276 Resp: 202222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.2 | 23.7 | 35.5 |
| 277 | 25.4 | 20.6 | 31.0 |

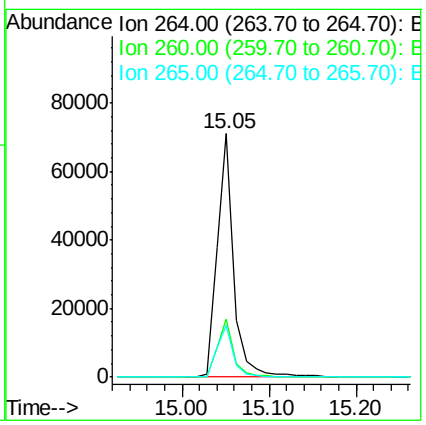


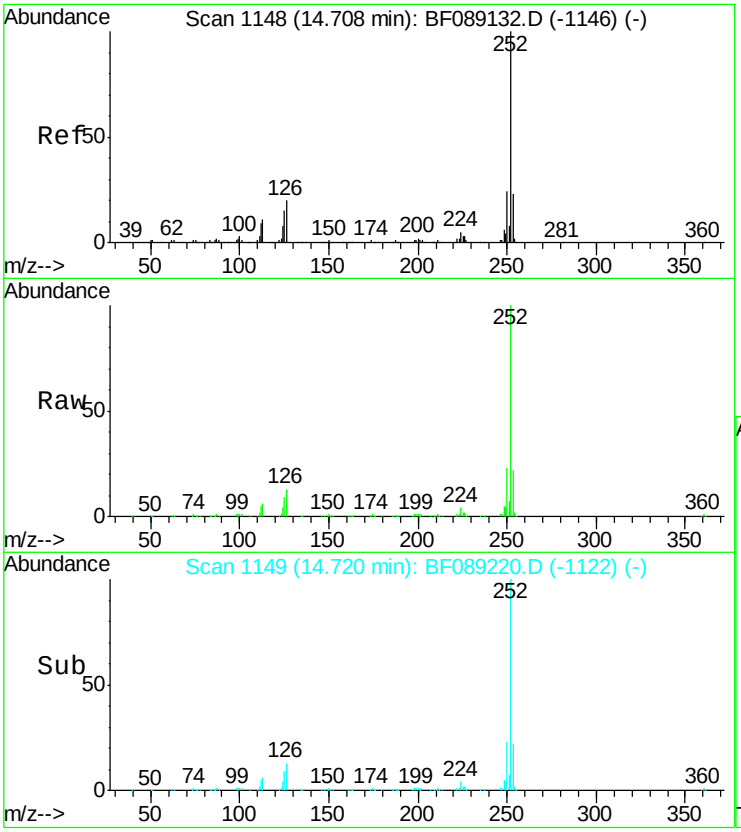




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:264 Resp: 94304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.5 | 27.7 |
| 265 | 21.2 | 17.3 | 25.9 |



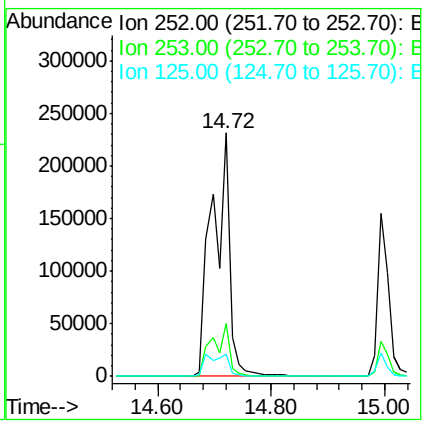


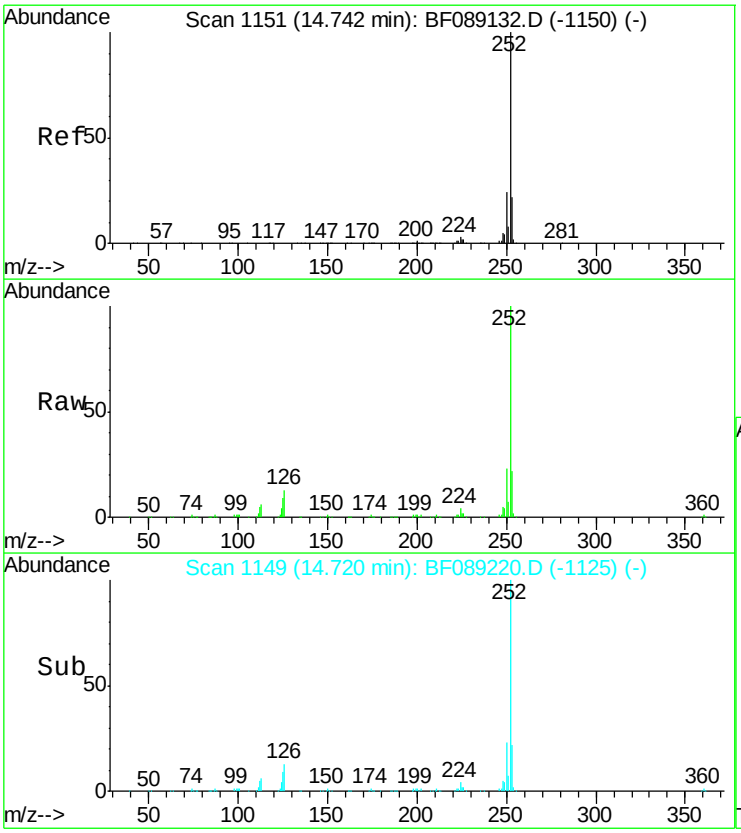

#87
Benzo(b)fluoranthene
Concen: 71.61 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:252 Resp: 489111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 18.2 | 27.2 |
| 125 | 9.0 | 11.9 | 17.9# |

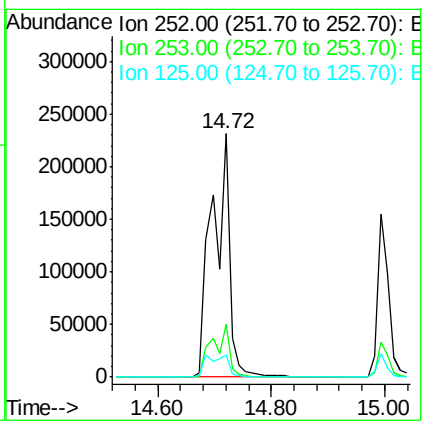


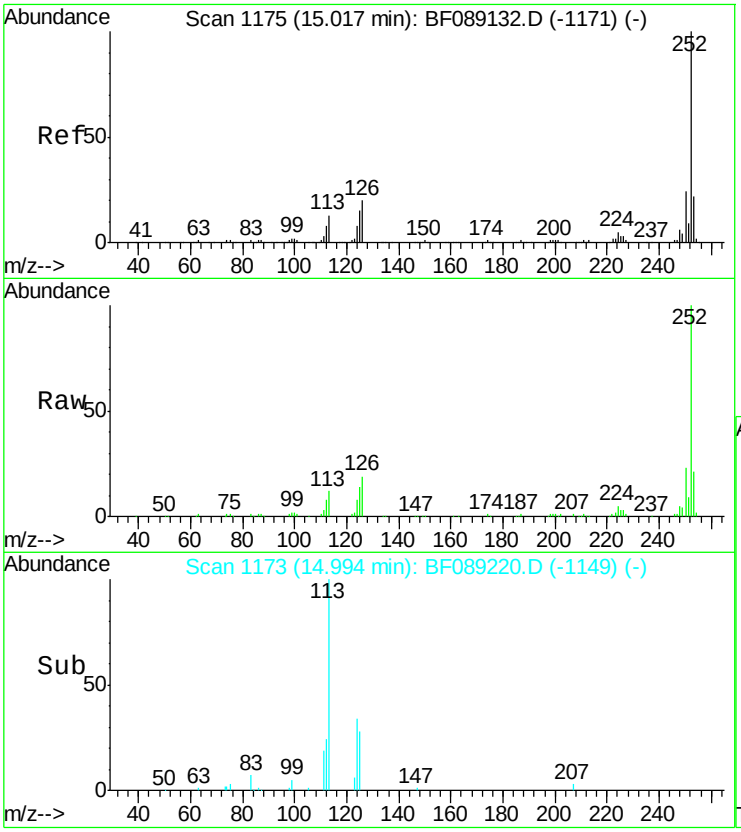




#88
Benzo(k)fluoranthene
Concen: 100.14 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:252 Resp: 489111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.6 | 17.3 | 25.9 |
| 125 | 9.0 | 6.3 | 9.5 |



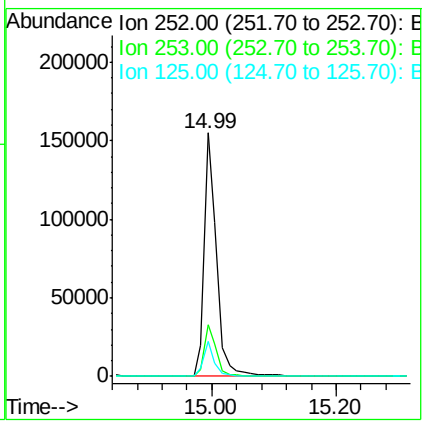


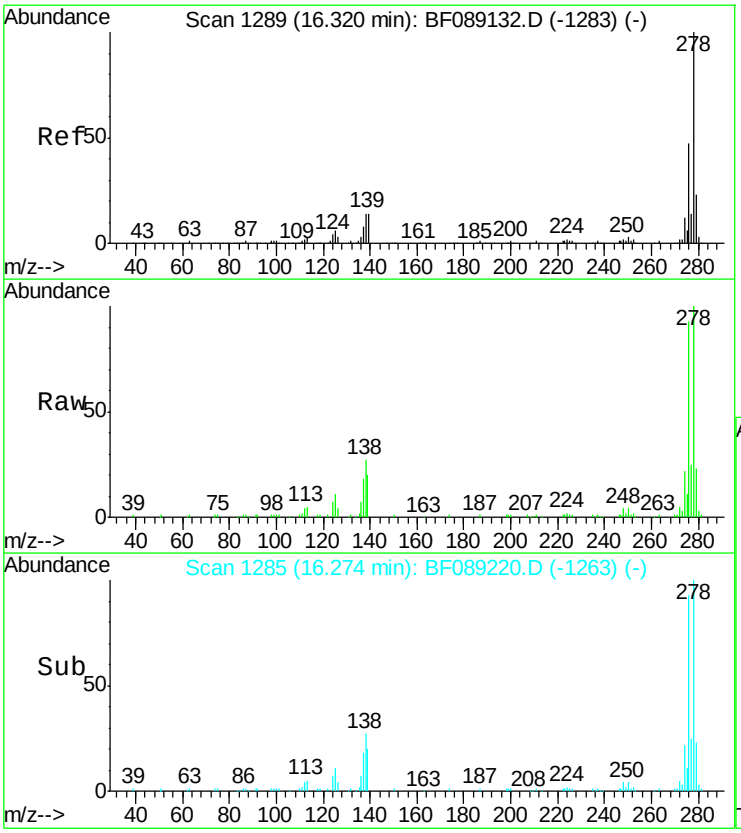

#89
Benzo(a)pyrene
Concen: 40.58 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:252 Resp: 215175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.2 | 17.4 | 26.0 |
| 125 | 14.5 | 12.4 | 18.6 |

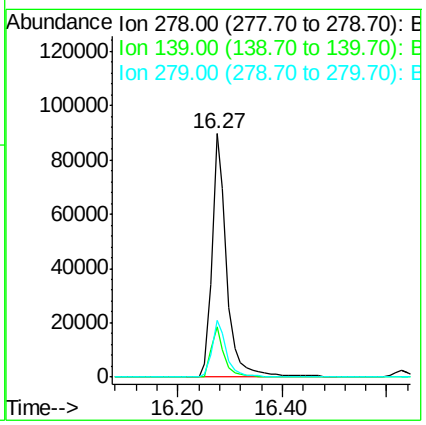


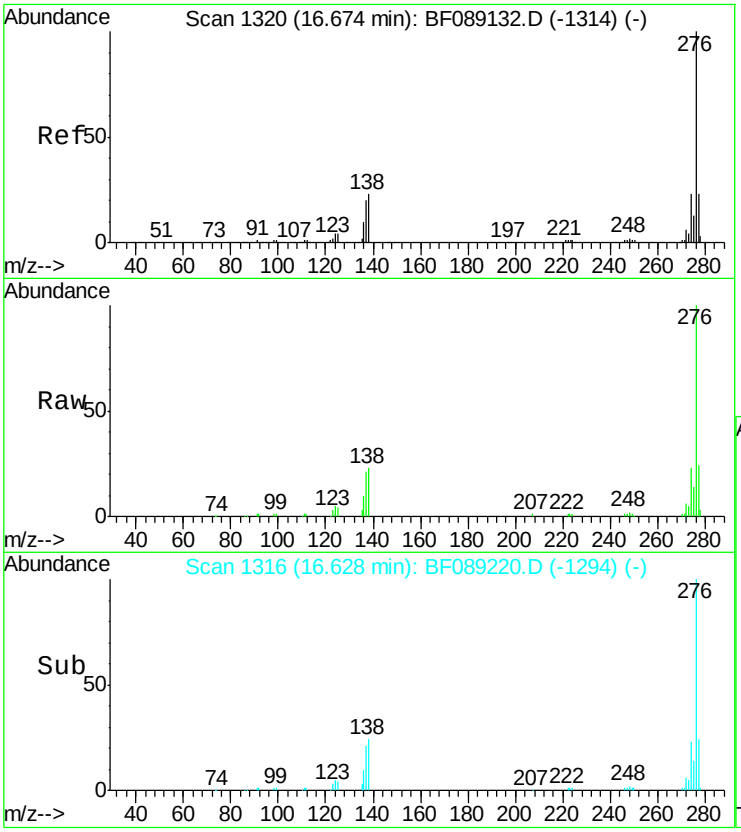




#90
Dibenzo(a,h)anthracene
Concen: 41.88 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

Tgt Ion:278 Resp: 175328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.4 | 11.4 | 17.2# |
| 279 | 23.5 | 18.4 | 27.6 |






#91
Benzo(g,h,i)perylene
Concen: 41.51 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.05 min
Lab File: BF089220.D
Acq: 23 Jul 2016 6:21

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

Tgt Ion:276 Resp: 175214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.7 | 18.5 | 27.7 |
| 138 | 23.5 | 18.5 | 27.7 |