Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093816.D
Acq On : 22 Mar 2017 5:00
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 22 07:20:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.82 | 152 | 194513 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.12 | 136 | 810479 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.86 | 164 | 344132 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.34 | 188 | 549097 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.97 | 240 | 324639 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.37 | 264 | 347330 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.42 | 112 | 872512 | 78.44 | ng | | 0.00 |
| 7) Phenol-d6 | 6.46 | 99 | 1128503 | 82.11 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 1190109 | 83.30 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 222716 | 83.56 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.19 | 172 | 1735280 | 84.79 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.93 | 244 | 1327530 | 83.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.40 | 88 | 228108 | 40.47 | ng | | 98 |
| 3) Pyridine | 3.10 | 79 | 615831 | 40.78 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.04 | 42 | 266847 | 40.98 | ng | | 96 |
| 6) Aniline | 6.48 | 93 | 813843 | 42.35 | ng | # | 87 |
| 8) 2-Chlorophenol | 6.61 | 128 | 502812 | 41.10 | ng | | 93 |
| 9) Benzaldehyde | 6.37 | 77 | 392543 | 40.40 | ng | | 97 |
| 10) Phenol | 6.47 | 94 | 584669 | 37.84 | ng | | 94 |
| 11) bis(2-Chloroethyl)ether | 6.56 | 93 | 468634 | 37.36 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.77 | 146 | 545884 | 39.34 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.85 | 146 | 591144 | 41.76 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.01 | 146 | 504946m | 38.88 | ng | | |
| 15) Benzyl Alcohol | 6.97 | 79 | 454396 | 44.62 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.11 | 45 | 786076 | 39.41 | ng | | 100 |
| 17) 2-Methylphenol | 7.09 | 107 | 448555 | 41.78 | ng | | 97 |
| 18) Hexachloroethane | 7.35 | 117 | 206361 | 41.12 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70 | 338708 | 37.61 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.25 | 107 | 545495 | 42.91 | ng | # | 85 |
| 22) Acetophenone | 7.24 | 105 | 683177 | 38.93 | ng | | 97 |
| 24) Nitrobenzene | 7.41 | 77 | 512510 | 37.55 | ng | | 96 |
| 25) Isophorone | 7.66 | 82 | 1021166 | 40.35 | ng | # | 93 |
| 26) 2-Nitrophenol | 7.73 | 139 | 263671 | 42.72 | ng | # | 90 |
| 27) 2,4-Dimethylphenol | 7.77 | 122 | 499780 | 39.37 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93 | 584549 | 35.89 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.97 | 162 | 417024 | 38.59 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 8.06 | 180 | 446146 | 39.76 | ng | | 99 |
| 31) Naphthalene | 8.14 | 128 | 1573897 | 41.84 | ng | | 99 |
| 32) Benzoic acid | 7.88 | 122 | 207485 | 26.28 | ng | | 100 |
| 33) 4-Chloroaniline | 8.18 | 127 | 670570 | 41.48 | ng | # | 93 |
| 34) Hexachlorobutadiene | 8.26 | 225 | 230758 | 39.10 | ng | | 98 |
| 35) Caprolactam | 8.55 | 113 | 139175 | 41.03 | ng | | 96 |
| 36) 4-Chloro-3-methylphenol | 8.66 | 107 | 438896 | 39.20 | ng | | 85 |
| 37) 2-Methylnaphthalene | 8.82 | 142 | 933717 | 38.02 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 395012 | 43.34 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.98 | 237 | 94920 | 20.64 | ng | | 99 |

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093816.D
Acq On : 22 Mar 2017 5:00
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 22 07:20:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.11 | 196 | 279237 | 42.21 | ng | | 97 |
| 43) 2,4,5-Trichlorophenol | 9.14 | 196 | 308372 | 44.90 | ng | # | 89 |
| 45) 1,1'-Biphenyl | 9.29 | 154 | 1158012 | 41.40 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.32 | 162 | 922070 | 43.00 | ng | | 95 |
| 47) 2-Nitroaniline | 9.41 | 65 | 304759 | 50.89 | ng | # | 78 |
| 48) Acenaphthylene | 9.73 | 152 | 1404756 | 40.25 | ng | | 100 |
| 49) Dimethylphthalate | 9.59 | 163 | 961895 | 39.28 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.65 | 165 | 224060 | 41.67 | ng | # | 82 |
| 51) Acenaphthene | 9.90 | 154 | 799902 | 38.38 | ng | | 100 |
| 52) 3-Nitroaniline | 9.82 | 138 | 300074 | 46.49 | ng | # | 69 |
| 53) 2,4-Dinitrophenol | 9.91 | 184 | 32136 | 15.23 | ng | # | 1 |
| 54) Dibenzofuran | 10.07 | 168 | 1169630 | 41.70 | ng | | 99 |
| 55) 4-Nitrophenol | 9.97 | 139 | 177746 | 36.66 | ng | # | 69 |
| 56) 2,4-Dinitrotoluene | 10.05 | 165 | 300114 | 43.97 | ng | # | 85 |
| 57) Fluorene | 10.41 | 166 | 889190 | 41.39 | ng | | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.18 | 232 | 182881 | 38.76 | ng | | 98 |
| 59) Diethylphthalate | 10.29 | 149 | 972704 | 40.75 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204 | 383022 | 42.30 | ng | | 95 |
| 61) 4-Nitroaniline | 10.42 | 138 | 262219 | 45.42 | ng | | 99 |
| 62) Azobenzene | 10.56 | 77 | 851712 | 36.08 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 67088 | 21.09 | ng | # | 44 |
| 65) n-Nitrosodiphenylamine | 10.53 | 169 | 856302 | 46.78 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.89 | 248 | 227625 | 43.07 | ng | | 95 |
| 67) Hexachlorobenzene | 10.96 | 284 | 231795 | 42.53 | ng | # | 87 |
| 68) Atrazine | 11.05 | 200 | 261458 | 46.53 | ng | | 97 |
| 69) Pentachlorophenol | 11.14 | 266 | 118150 | 37.07 | ng | | 97 |
| 70) Phenanthrene | 11.37 | 178 | 1235869 | 42.26 | ng | | 98 |
| 71) Anthracene | 11.42 | 178 | 1241375 | 41.23 | ng | | 99 |
| 72) Carbazole | 11.57 | 167 | 1113993 | 37.37 | ng | | 100 |
| 73) Di-n-butylphthalate | 11.91 | 149 | 1333345 | 41.56 | ng | | 100 |
| 74) Fluoranthene | 12.55 | 202 | 1096857 | 36.49 | ng | | 99 |
| 76) Benzidine | 12.67 | 184 | 456911 | 32.08 | ng | | 95 |
| 77) Pyrene | 12.78 | 202 | 1140936 | 42.23 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.41 | 149 | 479602 | 39.72 | ng | | 94 |
| 80) Benzo(a)anthracene | 13.96 | 228 | 776445 | 38.18 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.92 | 252 | 303191 | 39.57 | ng | | 98 |
| 82) Chrysene | 14.00 | 228 | 766469 | 37.73 | ng | | 100 |
| 83) Bis(2-ethylhexyl)phthalate | 13.97 | 149 | 569155 | 39.14 | ng | | 99 |
| 84) Di-n-octyl phthalate | 14.57 | 149 | 1017613 | 38.35 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 16.73 | 276 | 749845 | 45.07 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.97 | 252 | 994084m | 42.45 | ng | | |
| 88) Benzo(k)fluoranthene | 15.01 | 252 | 623005m | 36.03 | ng | | |
| 89) Benzo(a)pyrene | 15.32 | 252 | 773127 | 40.72 | ng | | 98 |
| 90) Dibenzo(a,h)anthracene | 16.76 | 278 | 649122 | 41.17 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 17.15 | 276 | 609126 | 38.93 | ng | | 96 |

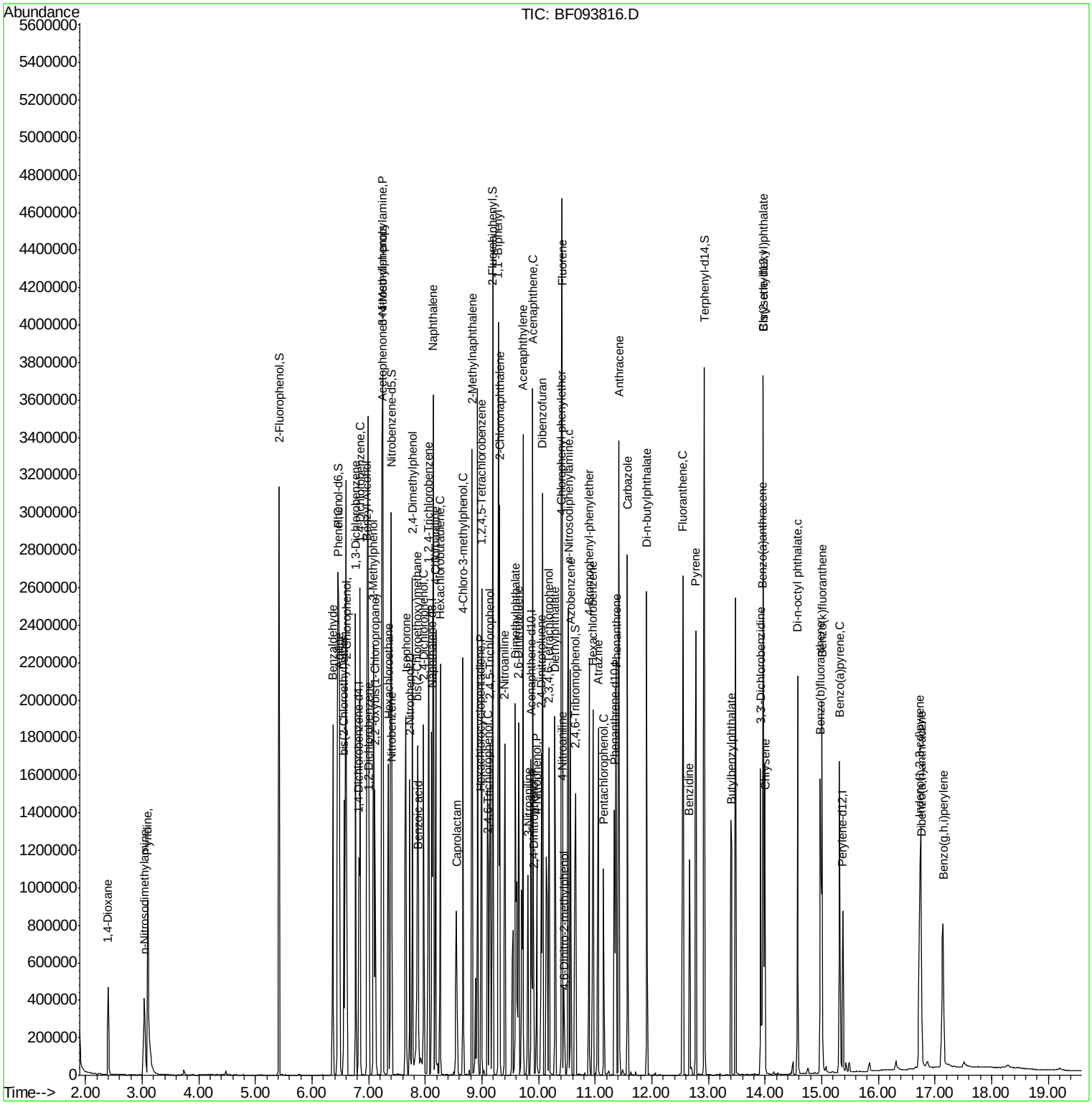
(#) = qualifier out of range (m) = manual integration (+) = signals summed

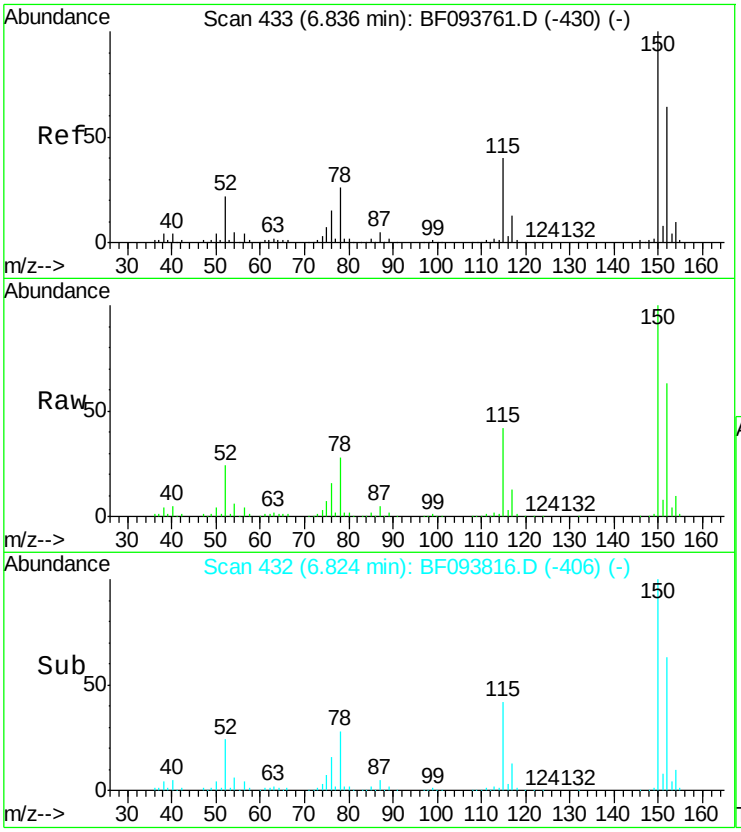
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093816.D
Acq On : 22 Mar 2017 5:00
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 22 07:20:47 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration



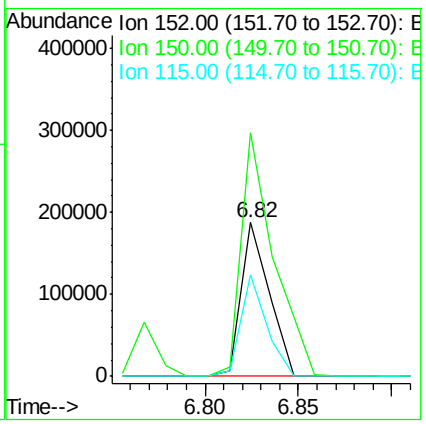


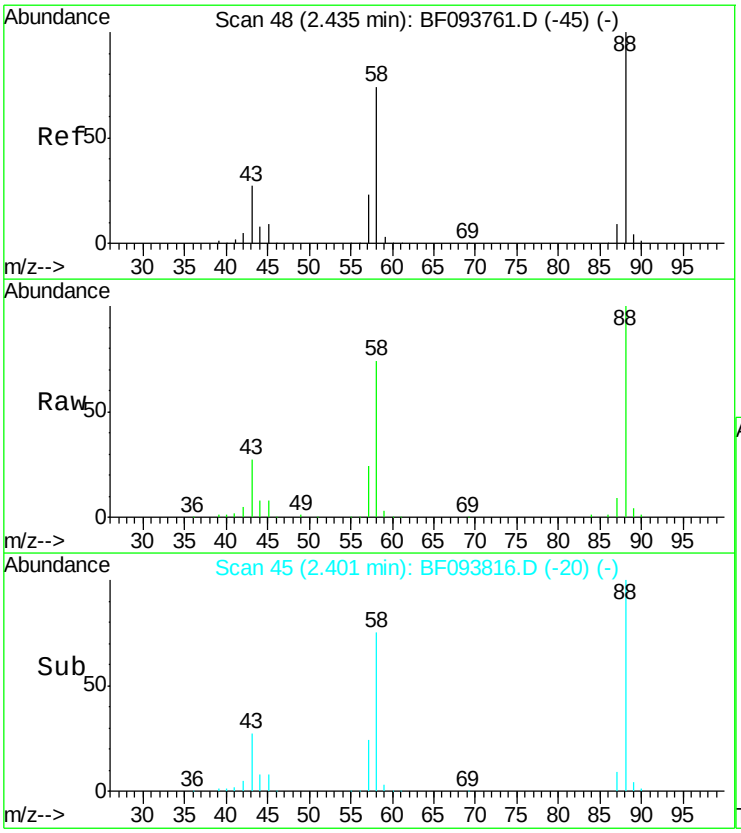

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:152 Resp: 194513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.6 | 126.2 | 189.2 |
| 115 | 66.5 | 52.2 | 78.2 |

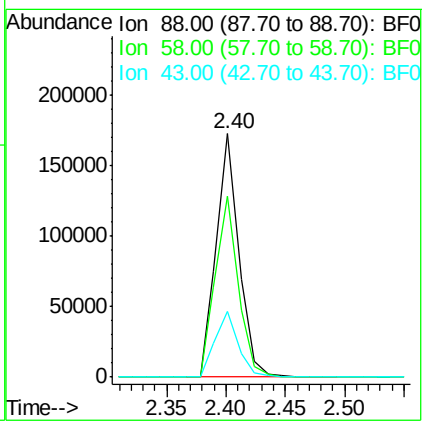


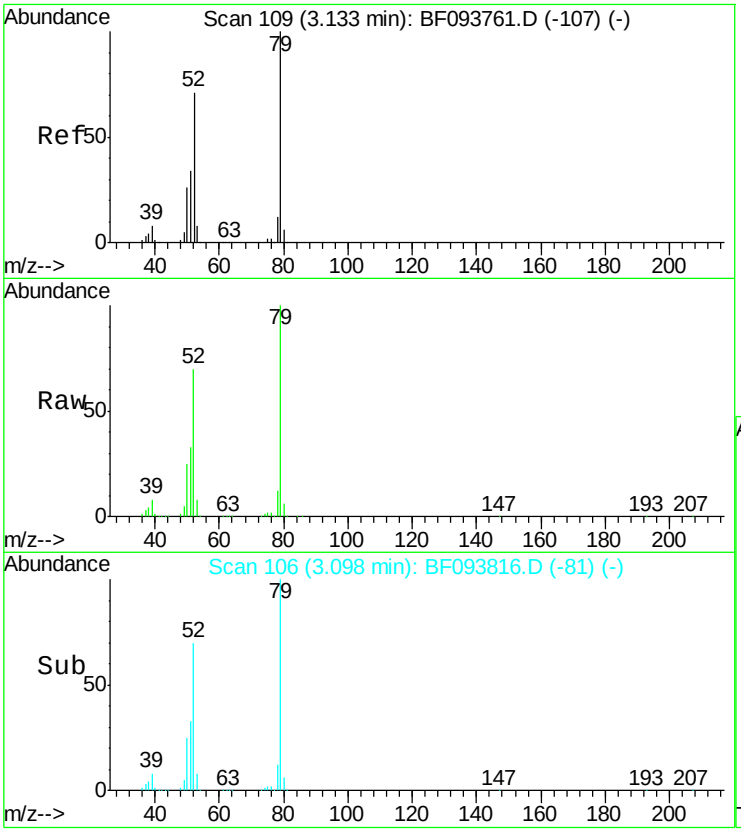




#2
1,4-Dioxane
Concen: 40.47 ng
RT: 2.40 min Scan# 45
Delta R.T. -0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion: 88 Resp: 228108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 75.4 | 61.4 | 92.0 |
| 43 | 27.3 | 23.4 | 35.0 |



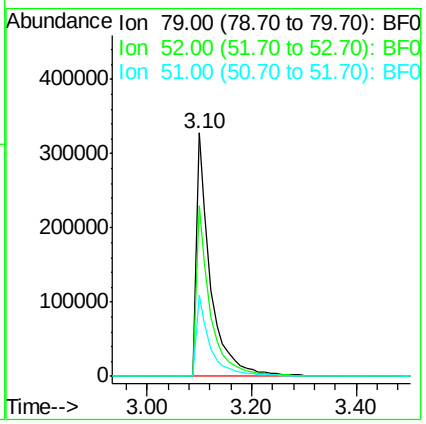


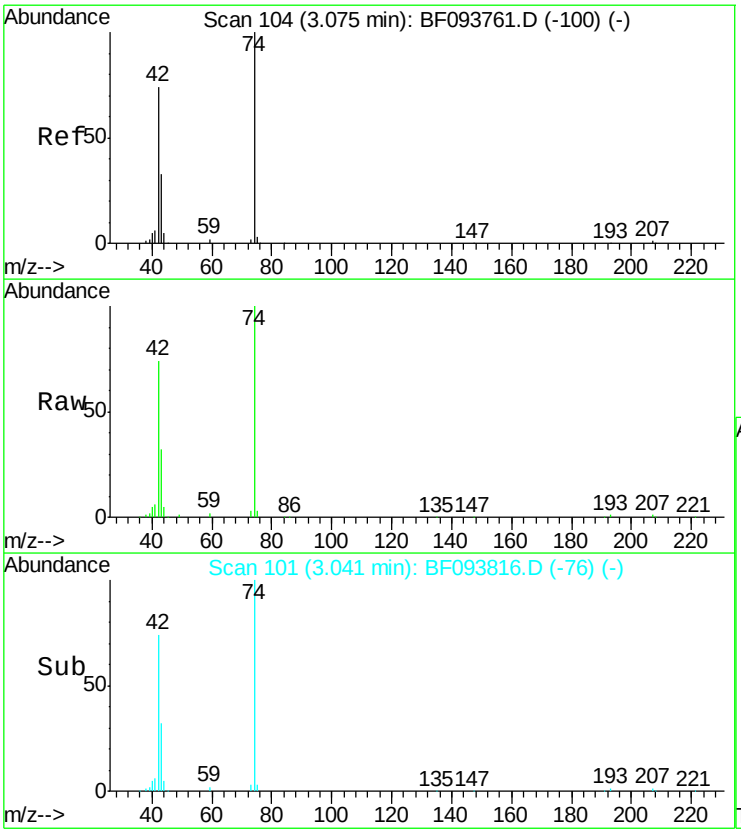

#3
Pyridine
Concen: 40.78 ng
RT: 3.10 min Scan# 106
Delta R.T. -0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion: 79 Resp: 615831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 70.1 | 54.8 | 82.2 |
| 51 | 33.3 | 27.0 | 40.4 |

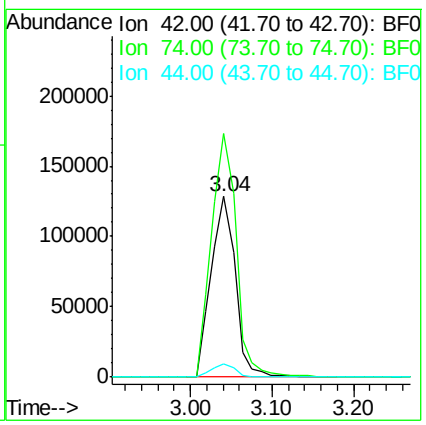


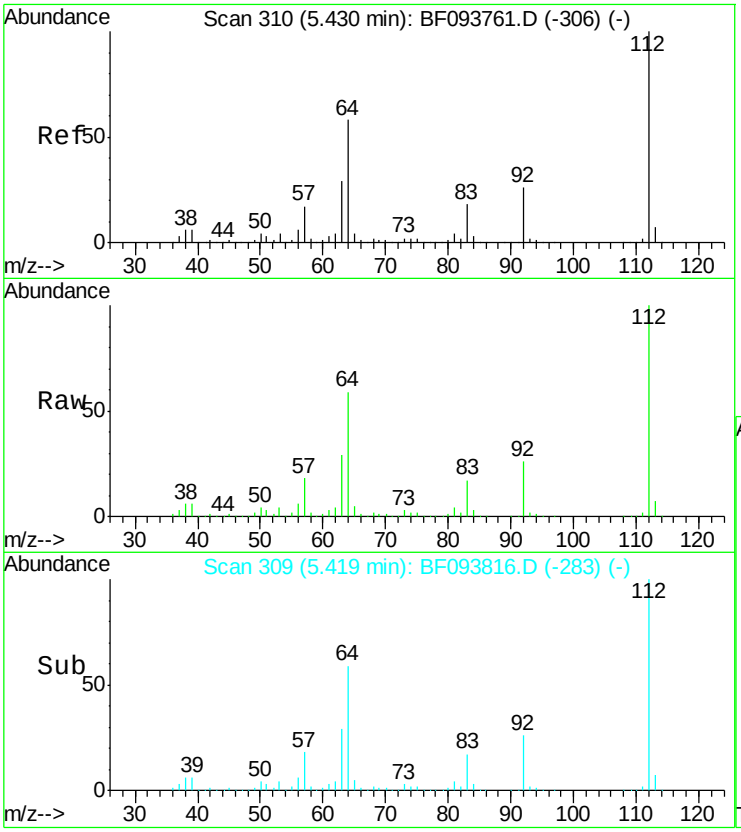




#4
n-Nitrosodimethylamine
Concen: 40.98 ng
RT: 3.04 min Scan# 101
Delta R.T. -0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion: 42 Resp: 266847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 134.8 | 103.9 | 155.9 |
| 44 | 7.0 | 5.7 | 8.5 |



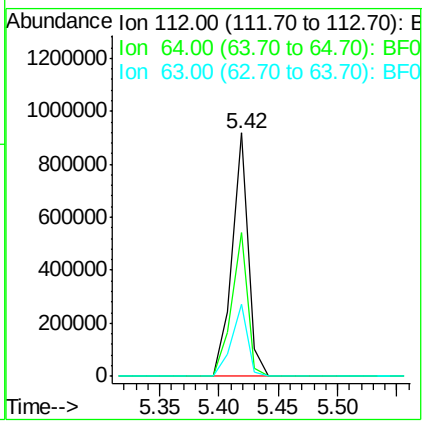


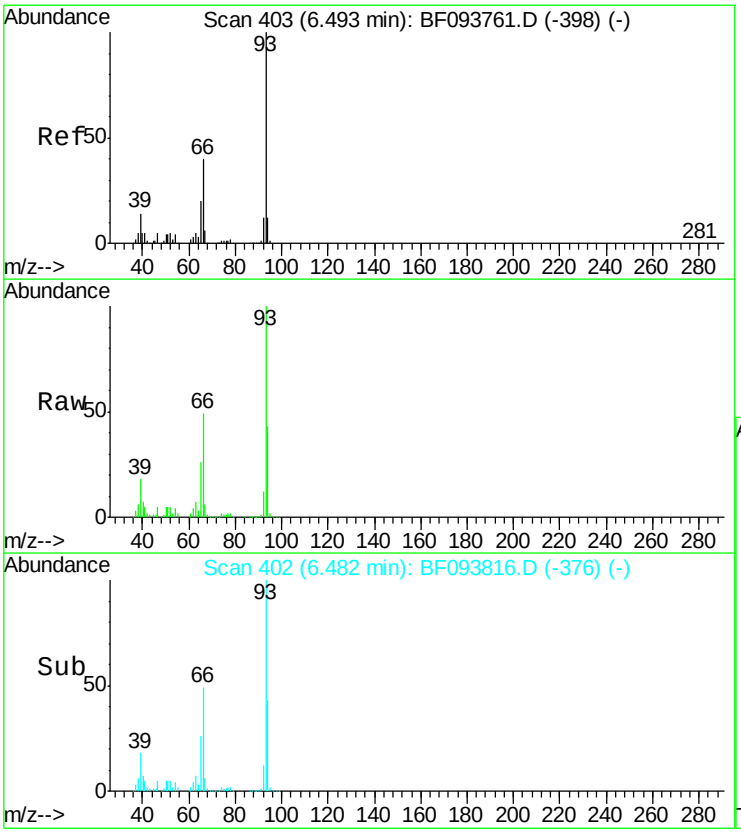

#5
2-Fluorophenol
Concen: 78.44 ng
RT: 5.42 min Scan# 309
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:112 Resp: 872512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.0 | 46.0 | 69.0 |
| 63 | 29.4 | 23.4 | 35.0 |

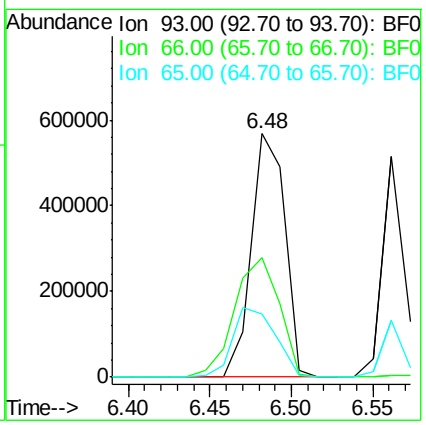


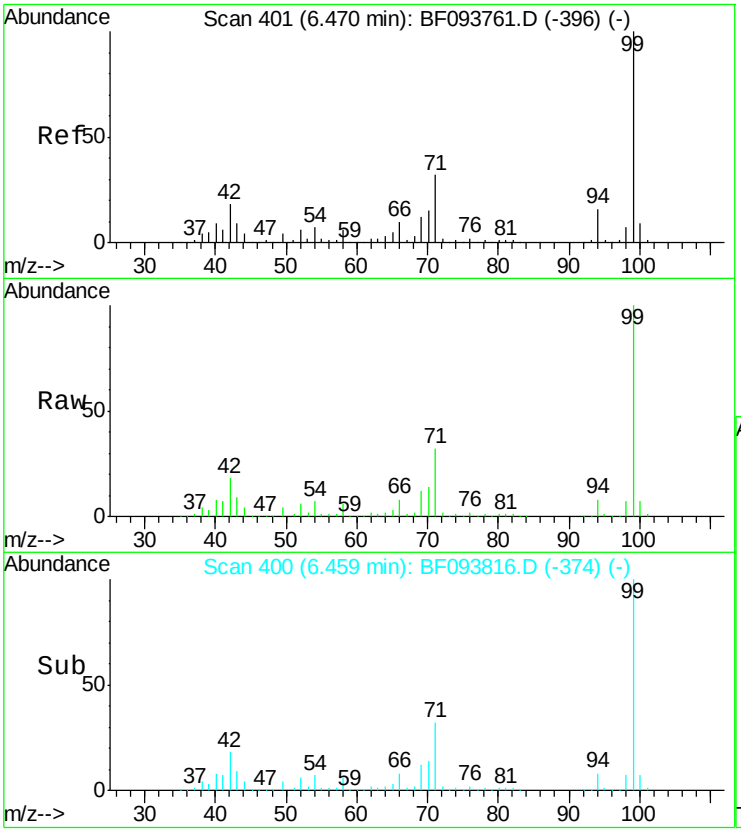




#6
Aniline
Concen: 42.35 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion: 93 Resp: 813843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 48.8 | 32.9 | 49.3 |
| 65 | 25.9 | 16.0 | 24.0# |



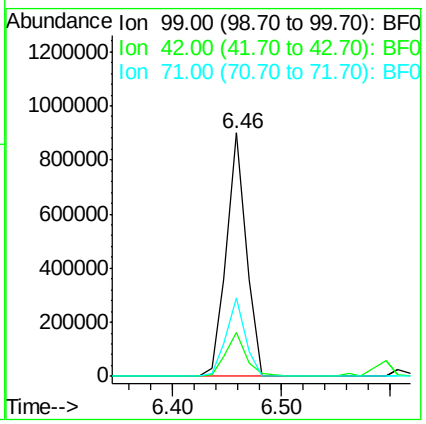


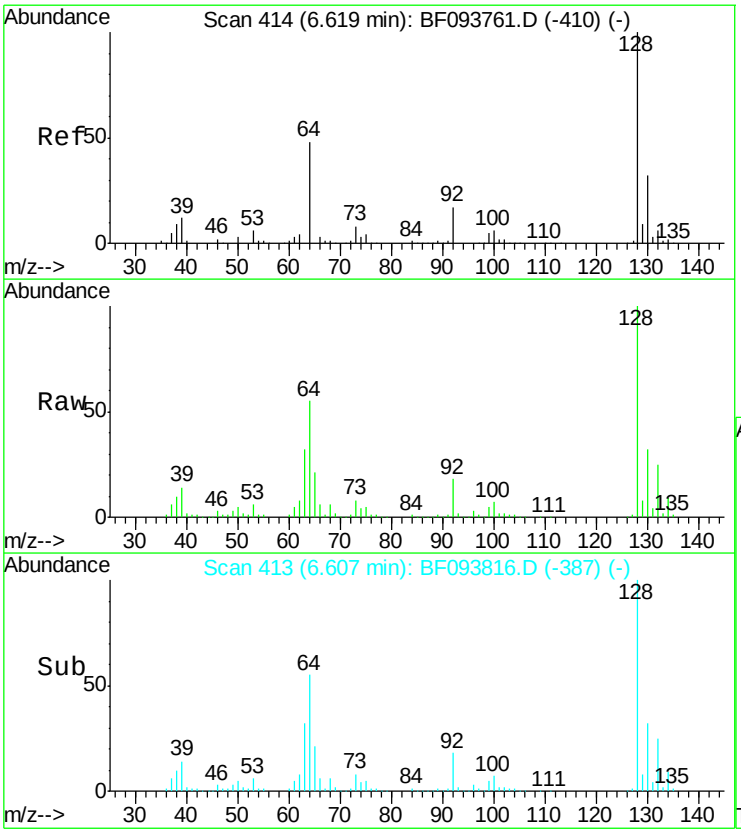

#7
Phenol-d6
Concen: 82.11 ng
RT: 6.46 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion: 99 Resp: 1128503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.3 | 13.5 | 20.3 |
| 71 | 32.4 | 24.5 | 36.7 |

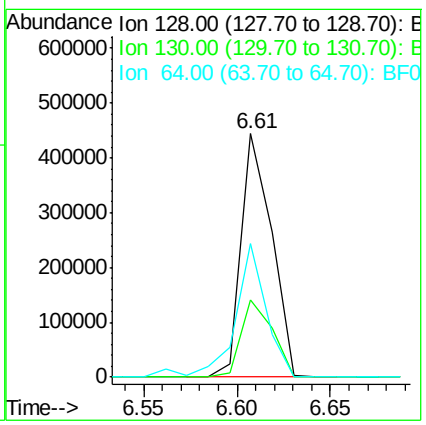


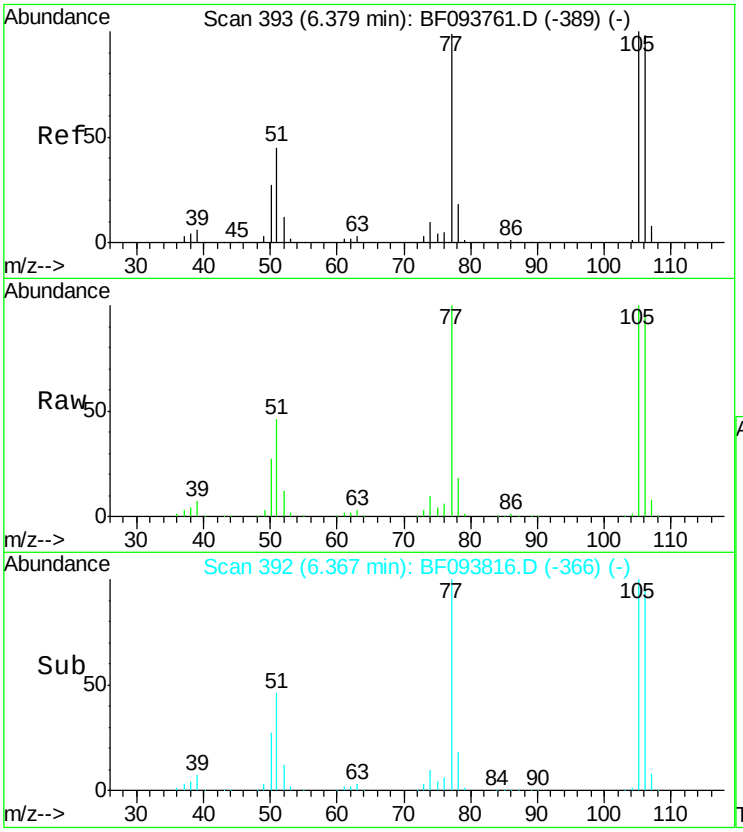




#8
2-Chlorophenol
Concen: 41.10 ng
RT: 6.61 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:128 Resp: 502812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.7 | 12.9 | 52.9 |
| 64 | 54.8 | 28.4 | 68.4 |



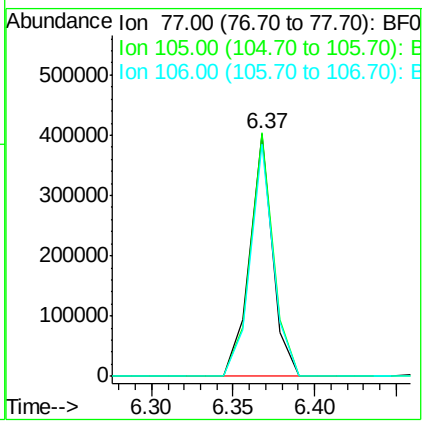


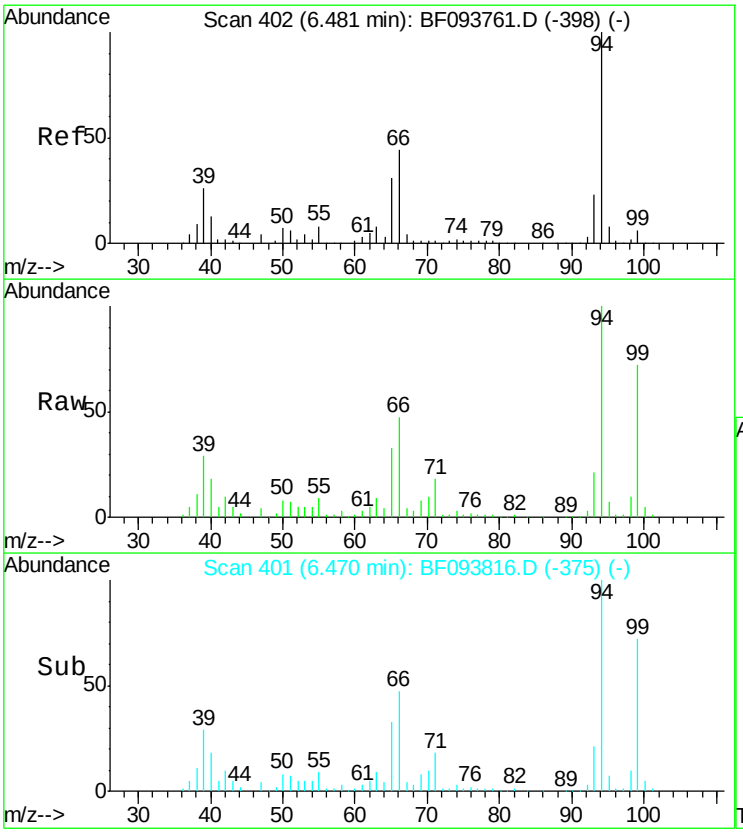

#9
Benzaldehyde
Concen: 40.40 ng
RT: 6.37 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion: 77 Resp: 392543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 100.4 | 83.8 | 123.8 |
| 106 | 96.0 | 79.1 | 119.1 |

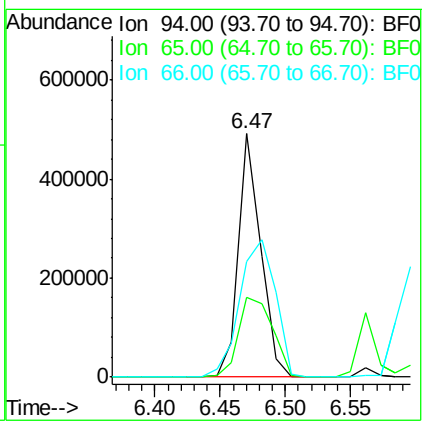


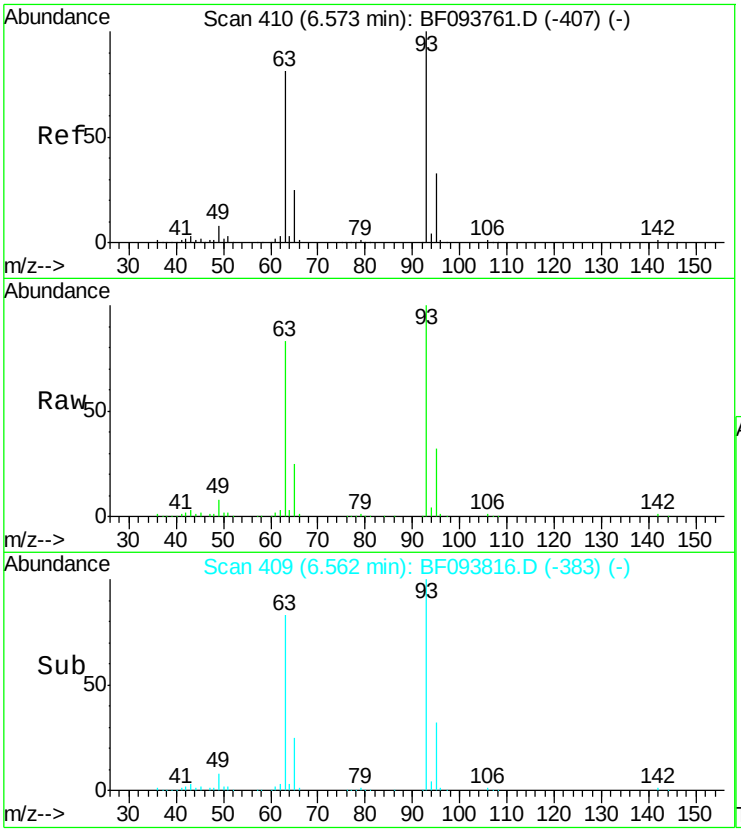




#10
Phenol
Concen: 37.84 ng
RT: 6.47 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion: 94 Resp: 584669

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.0 | 9.9 | 49.9 |
| 66 | 47.2 | 23.1 | 63.1 |



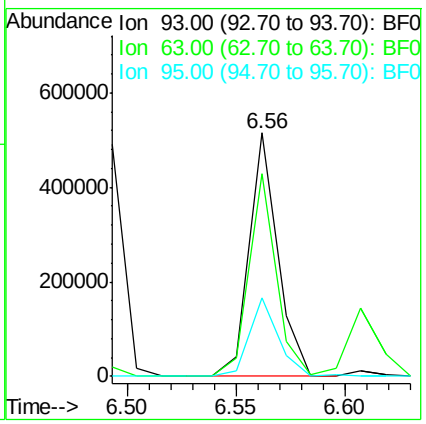


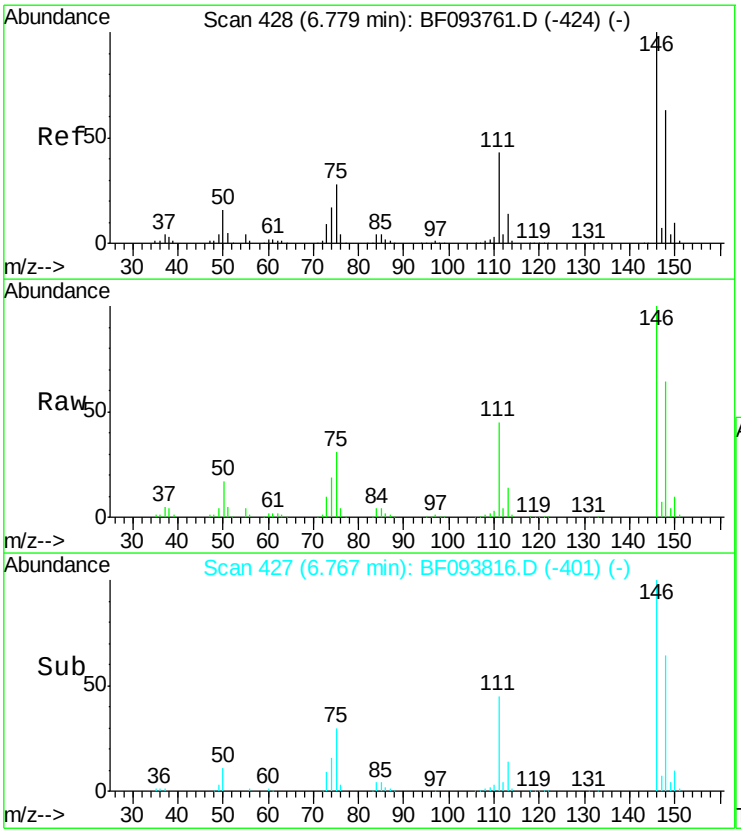

#11
bis(2-Chloroethyl)ether
Concen: 37.36 ng
RT: 6.56 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion: 93 Resp: 468634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.2 | 59.2 | 99.2 |
| 95 | 32.2 | 12.8 | 52.8 |

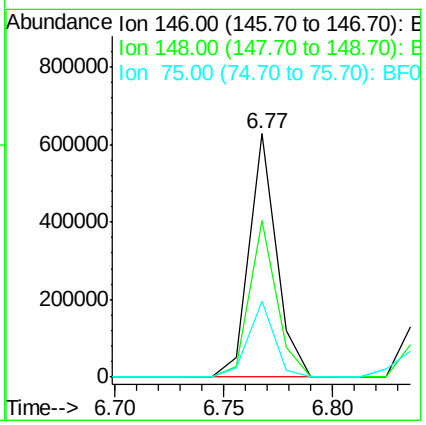


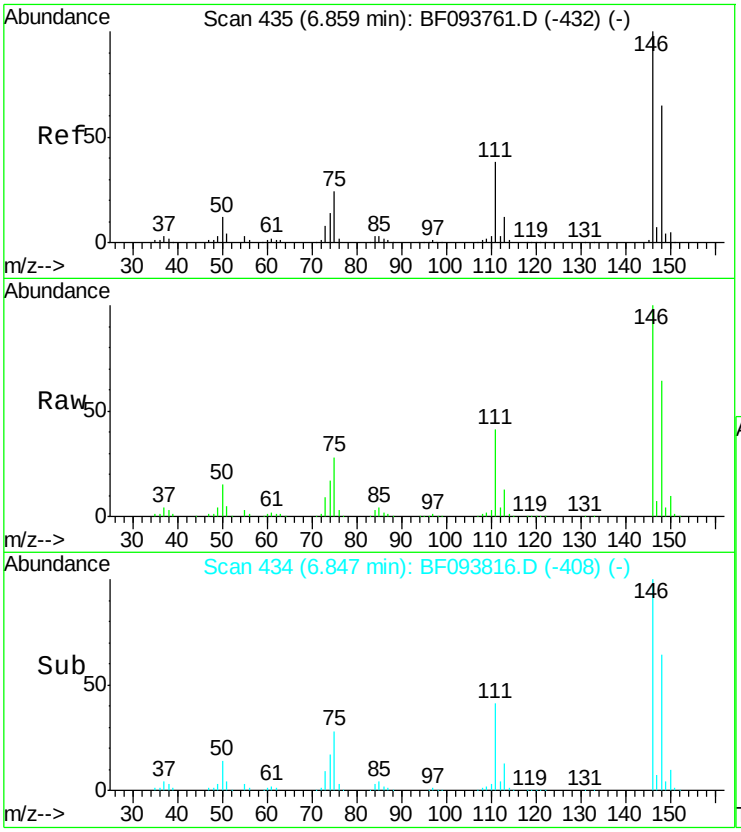




#12
1,3-Dichlorobenzene
Concen: 39.34 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:146 Resp: 545884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.2 | 51.8 | 77.6 |
| 75 | 31.2 | 23.1 | 34.7 |



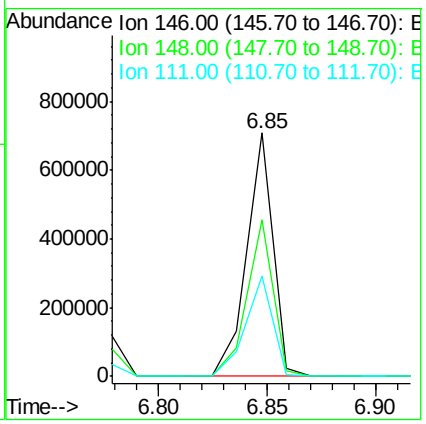


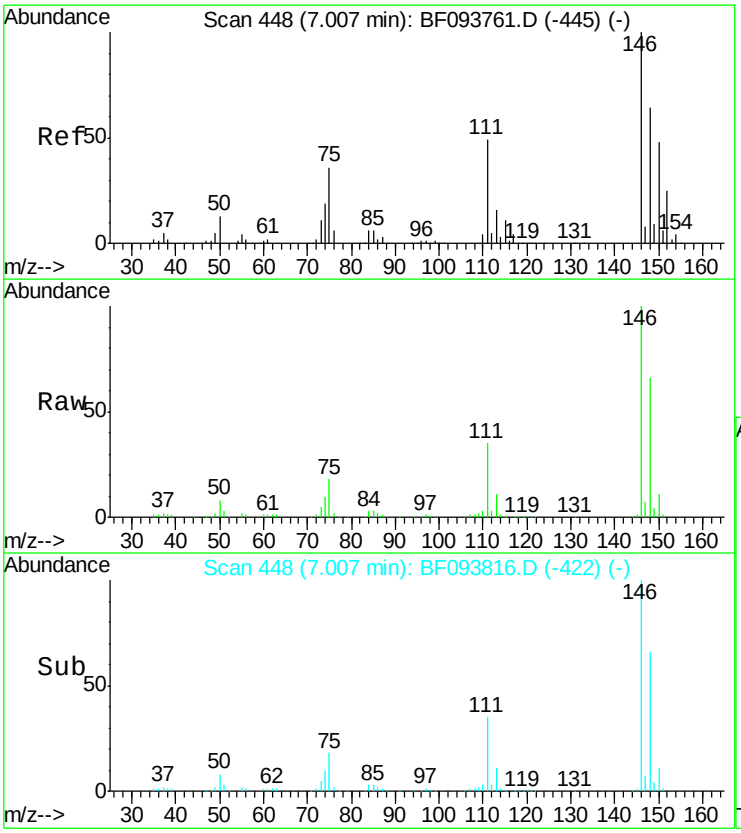

#13
1,4-Dichlorobenzene
Concen: 41.76 ng
RT: 6.85 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:146 Resp: 591144

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 52.2 | 78.2 |
| 111 | 41.0 | 30.3 | 45.5 |

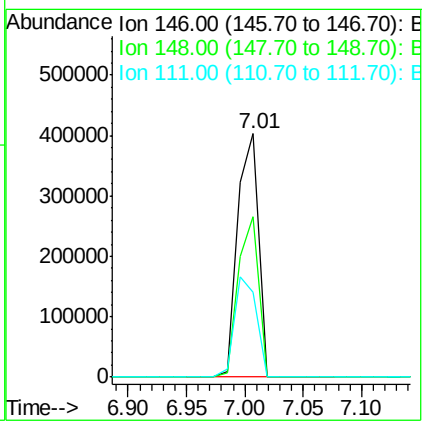


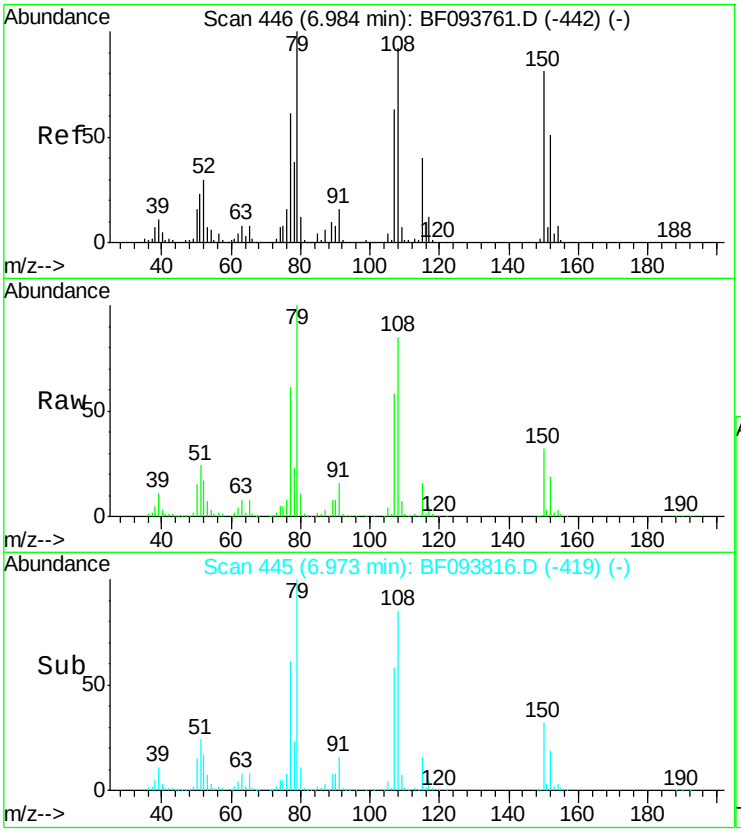




#14
1,2-Dichlorobenzene
Concen: 38.88 ng m
RT: 7.01 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:146 Resp: 504946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.6 | 50.4 | 75.6 |
| 111 | 34.8 | 38.2 | 57.4# |



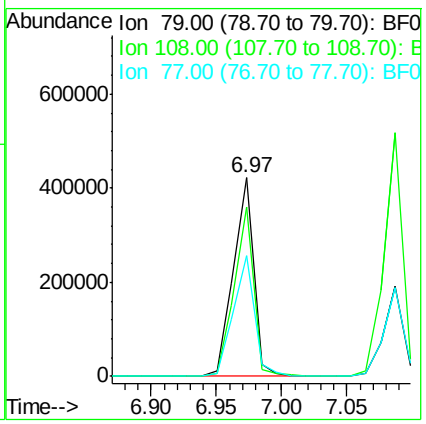


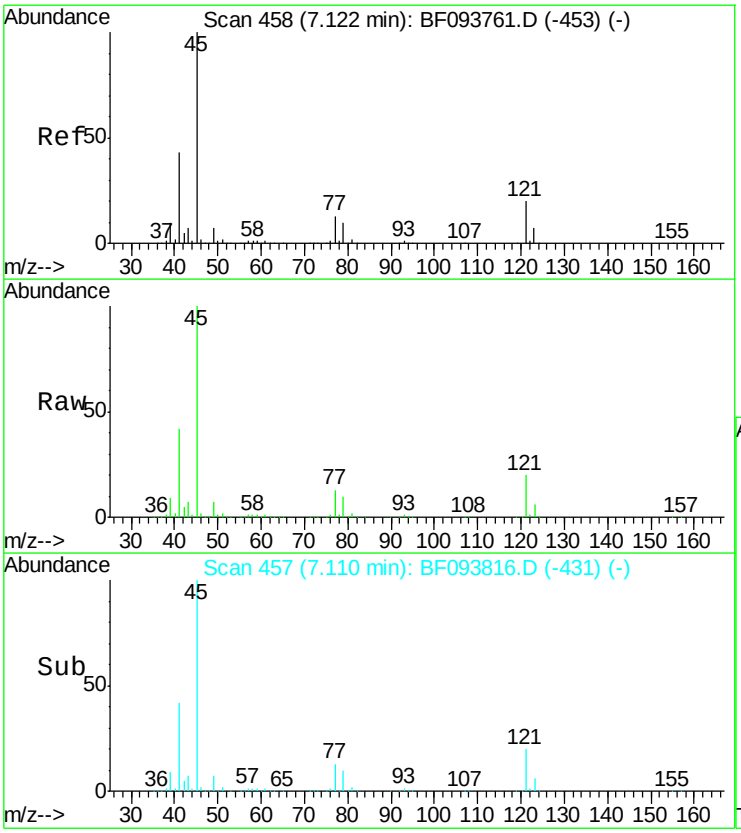

#15
Benzyl Alcohol
Concen: 44.62 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion: 79 Resp: 454396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 85.4 | 63.4 | 95.0 |
| 77 | 61.0 | 49.2 | 73.8 |

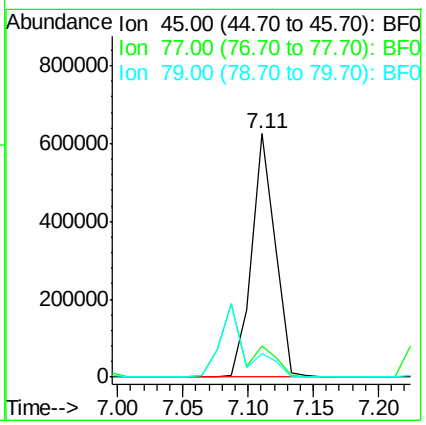


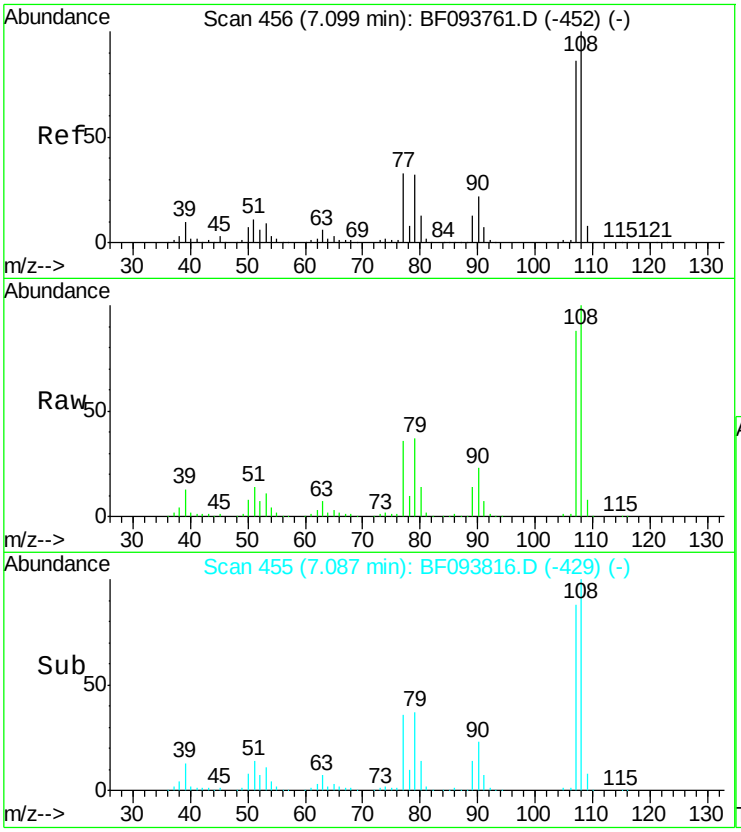




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.41 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion: 45 Resp: 786076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 13.0 | 0.0 | 33.2 |
| 79 | 9.8 | 0.0 | 30.0 |



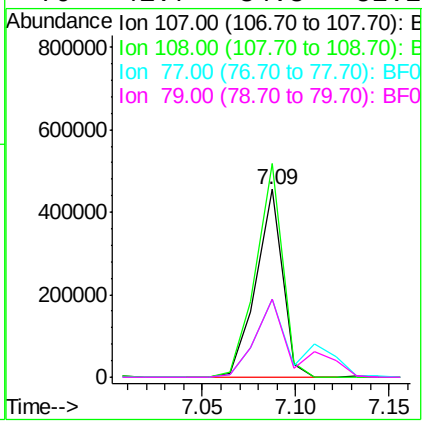


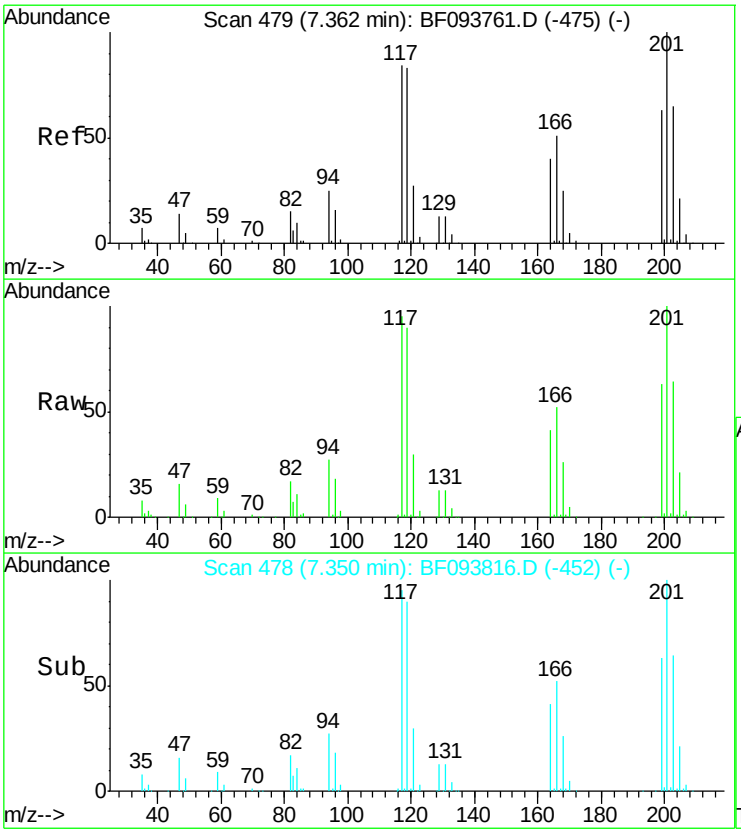

#17
2-Methylphenol
Concen: 41.78 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:107 Resp: 448555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 113.6 | 93.4 | 140.0 |
| 77 | 41.4 | 35.8 | 53.6 |
| 79 | 41.7 | 34.8 | 52.2 |

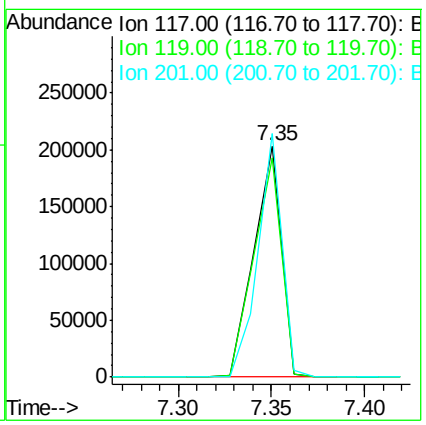


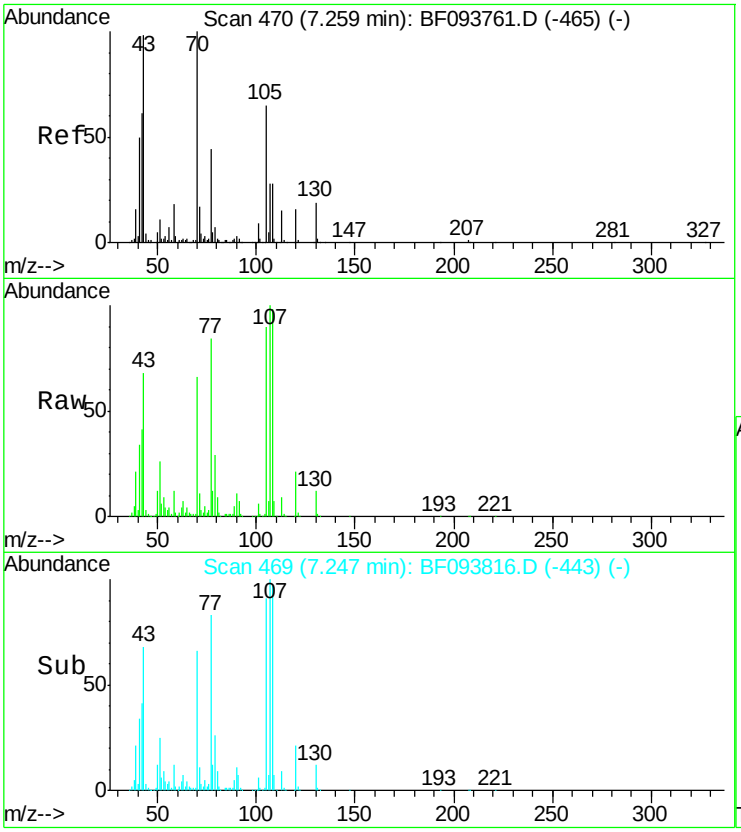




#18
Hexachloroethane
Concen: 41.12 ng
RT: 7.35 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:117 Resp: 206361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.2 | 77.4 | 116.0 |
| 201 | 105.4 | 94.6 | 141.8 |



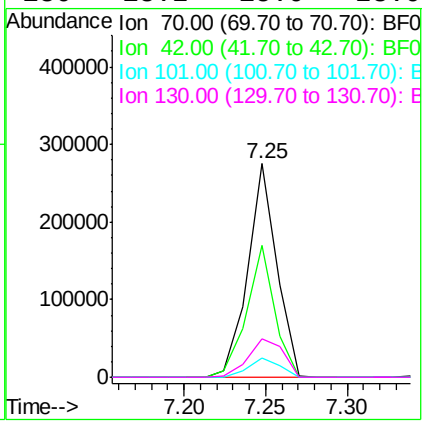


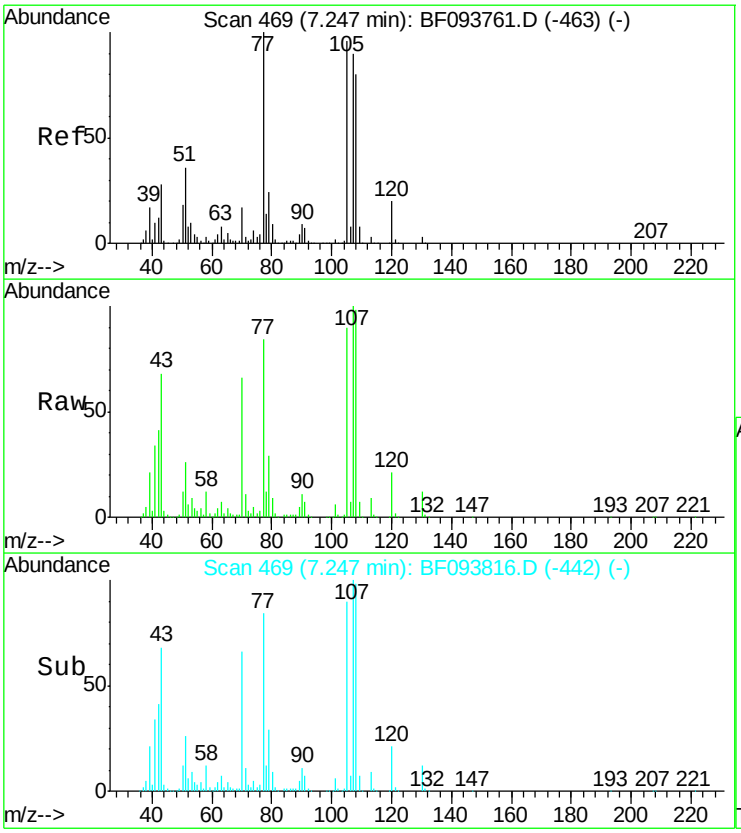

#19
n-Nitroso-di-n-propylamine
Concen: 37.61 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion: 70 Resp: 338708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 61.9 | 47.2 | 70.8 |
| 101 | 8.8 | 7.2 | 10.8 |
| 130 | 18.2 | 15.9 | 23.9 |

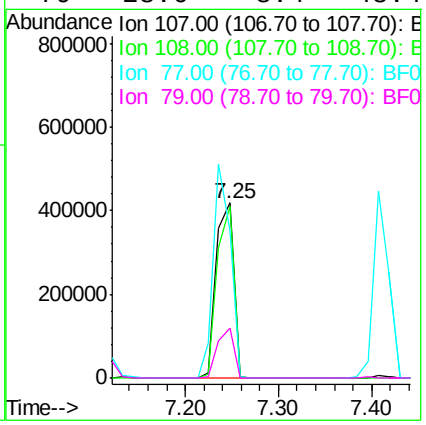


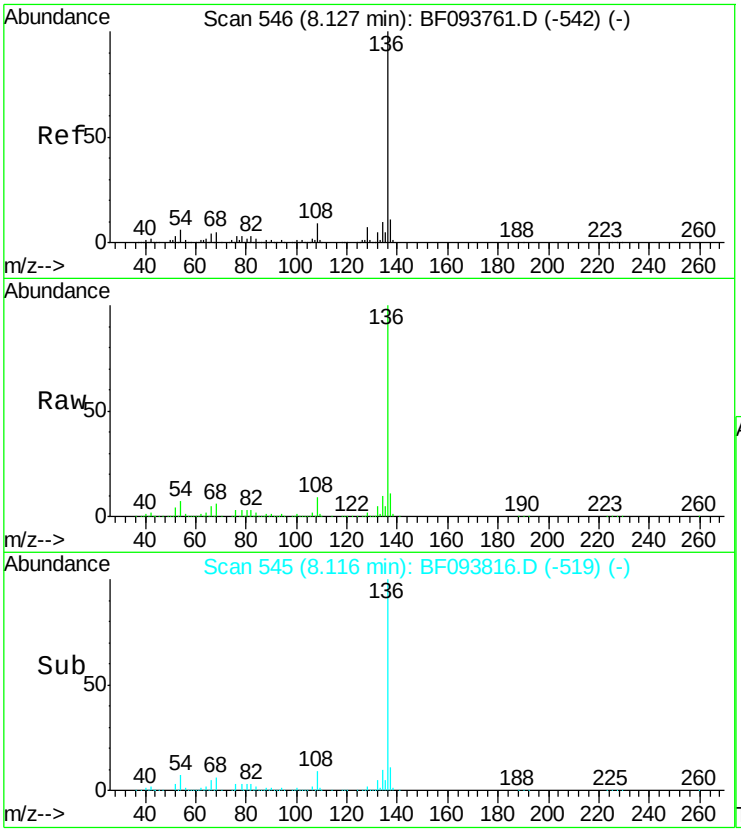




#20
3+4-Methylphenols
Concen: 42.91 ng
RT: 7.25 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:107 Resp: 545495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 97.7 | 71.0 | 111.0 |
| 77 | 83.9 | 90.5 | 130.5# |
| 79 | 28.6 | 8.4 | 48.4 |



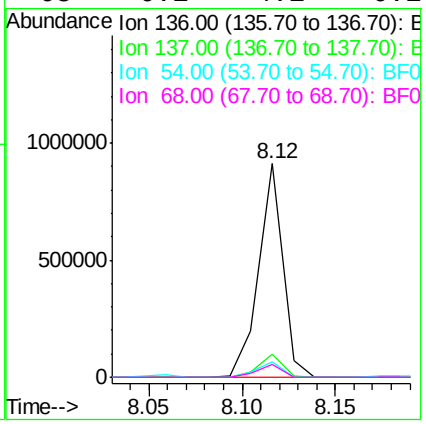


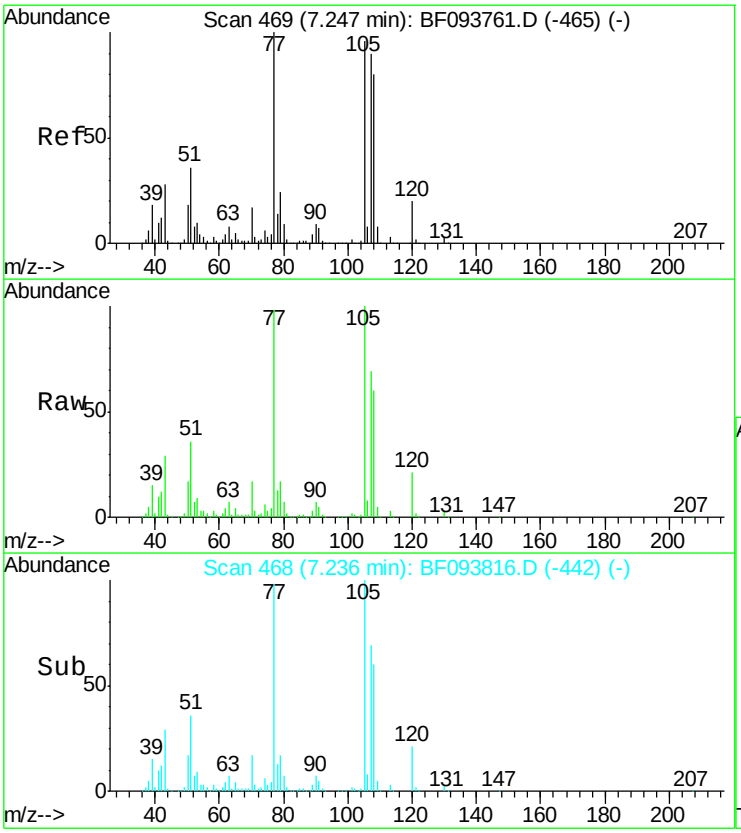

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:136 Resp: 810479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.5 | 12.7 |
| 54 | 7.5 | 4.9 | 7.3# |
| 68 | 6.1 | 4.1 | 6.1 |

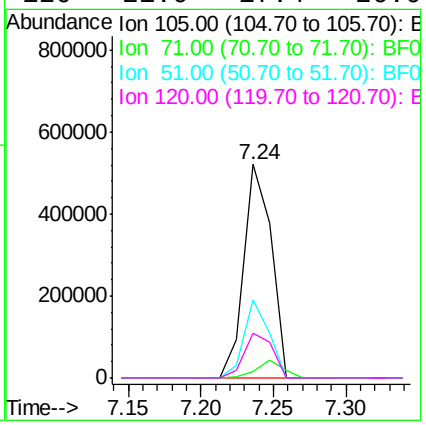


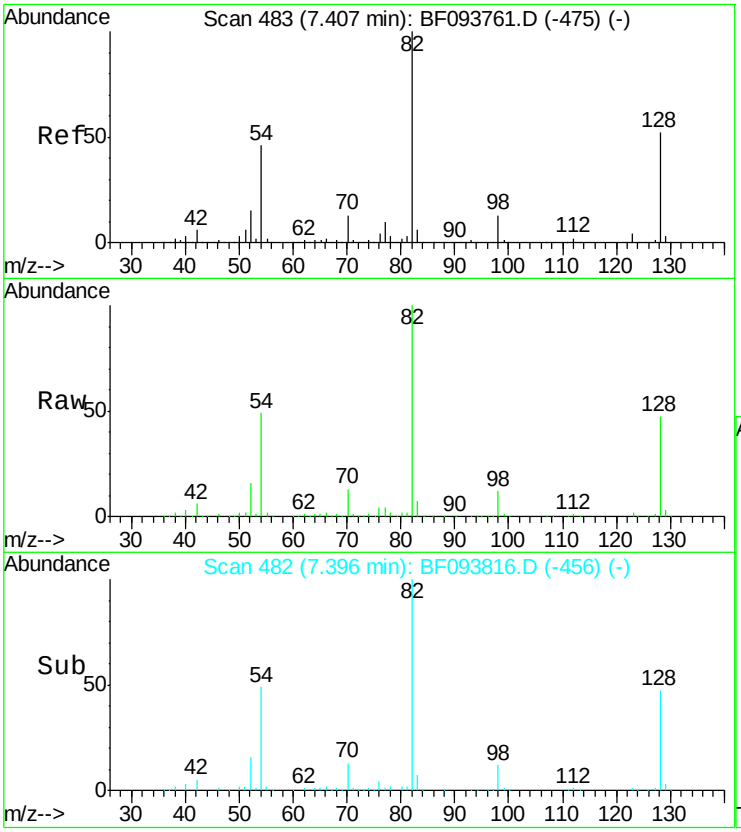




#22
Acetophenone
Concen: 38.93 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:105 Resp: 683177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.8 | 2.8 | 4.2 |
| 51 | 36.4 | 30.7 | 46.1 |
| 120 | 21.0 | 17.4 | 26.0 |



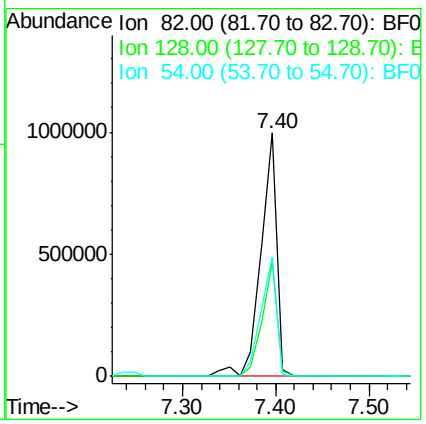


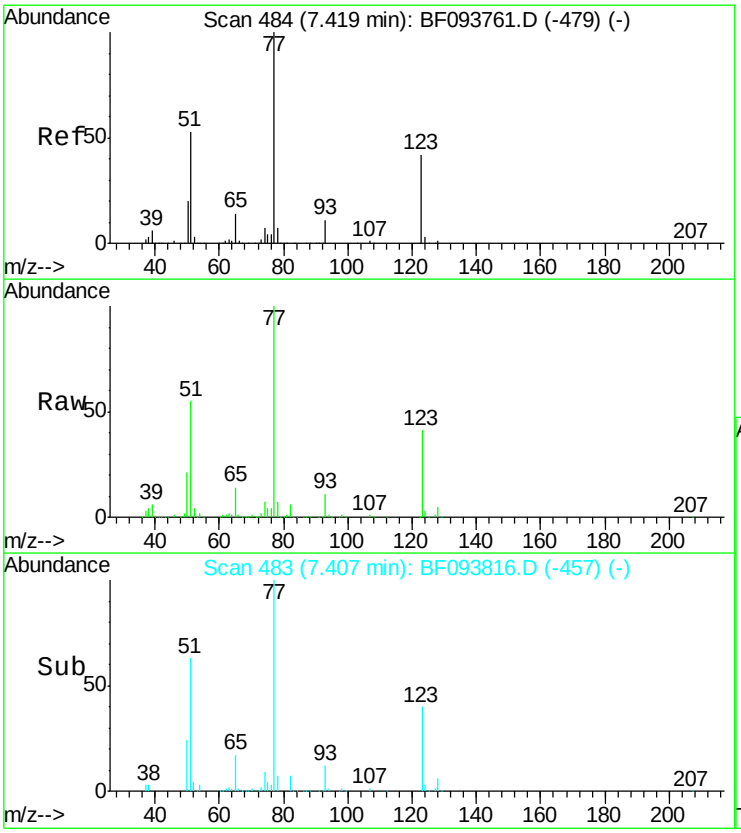

#23
Nitrobenzene-d5
Concen: 83.30 ng
RT: 7.40 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion: 82 Resp: 1190109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.9 | 34.0 | 51.0 |
| 54 | 49.1 | 42.2 | 63.2 |

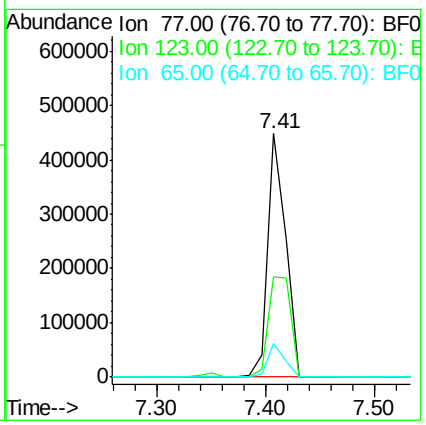


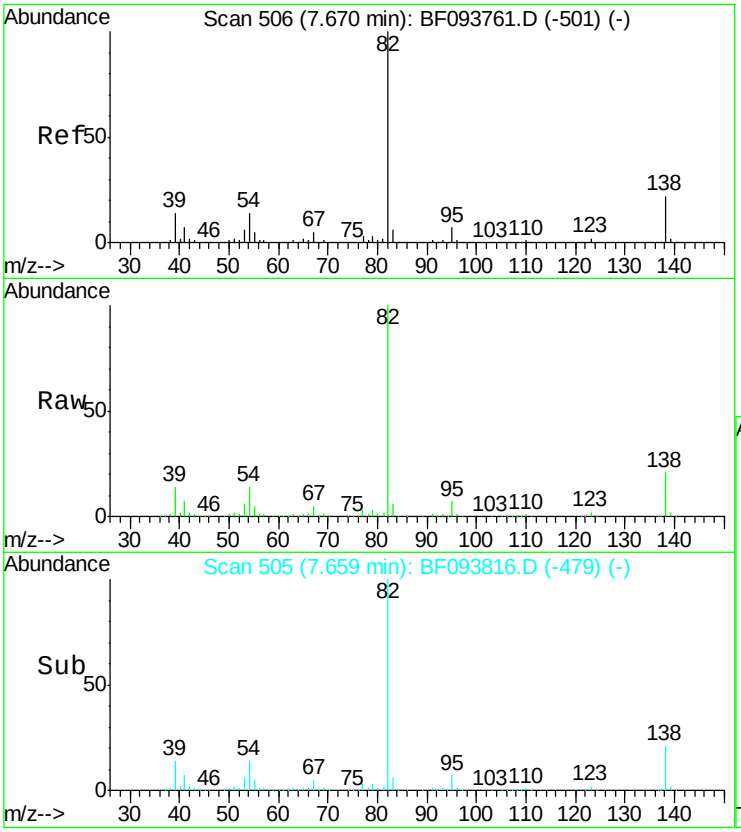




#24
Nitrobenzene
Concen: 37.55 ng
RT: 7.41 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion: 77 Resp: 512510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 41.4 | 35.8 | 53.8 |
| 65 | 13.6 | 10.6 | 15.8 |



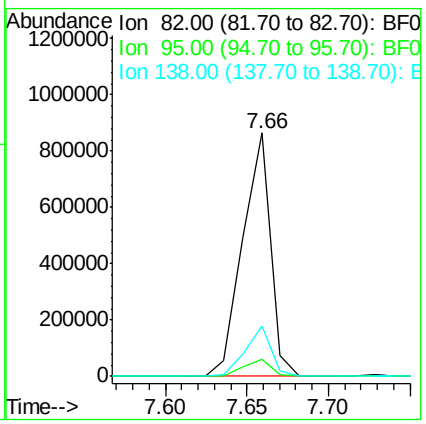


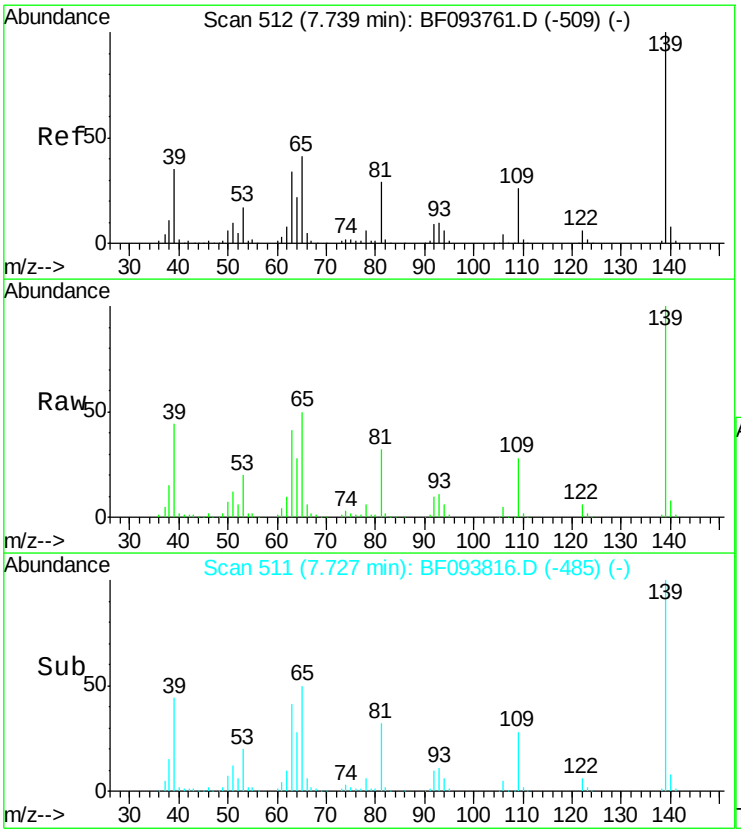

#25
Isophorone
Concen: 40.35 ng
RT: 7.66 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion: 82 Resp: 1021166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.0 | 5.3 | 7.9 |
| 138 | 20.6 | 13.1 | 19.7# |

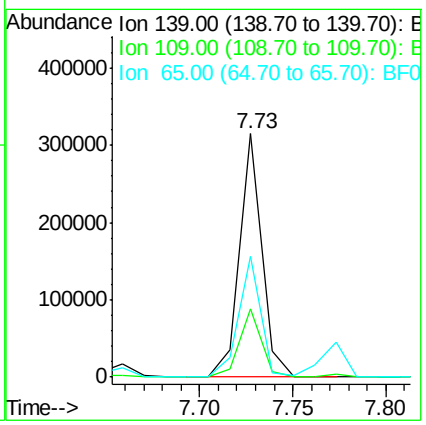


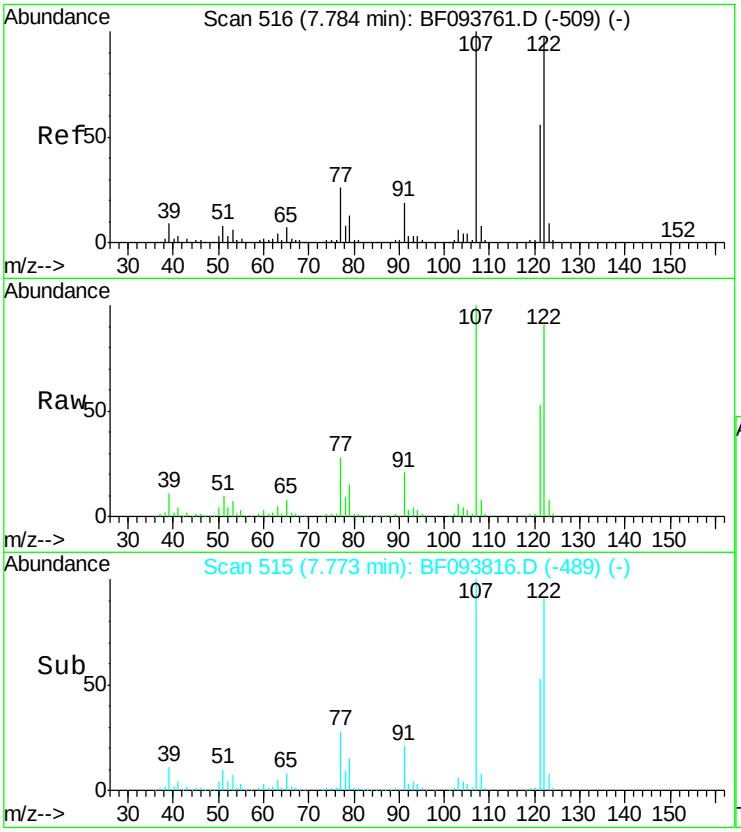




#26
2-Nitrophenol
Concen: 42.72 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:139 Resp: 263671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 28.2 | 21.0 | 31.6 |
| 65 | 49.6 | 33.0 | 49.6# |



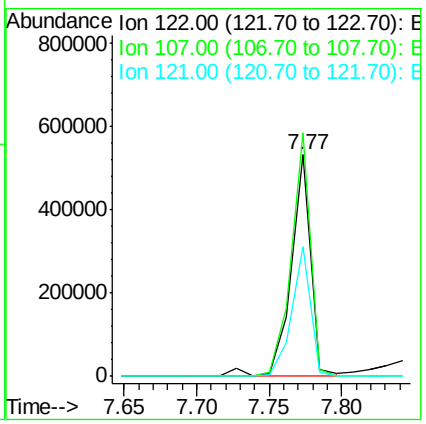


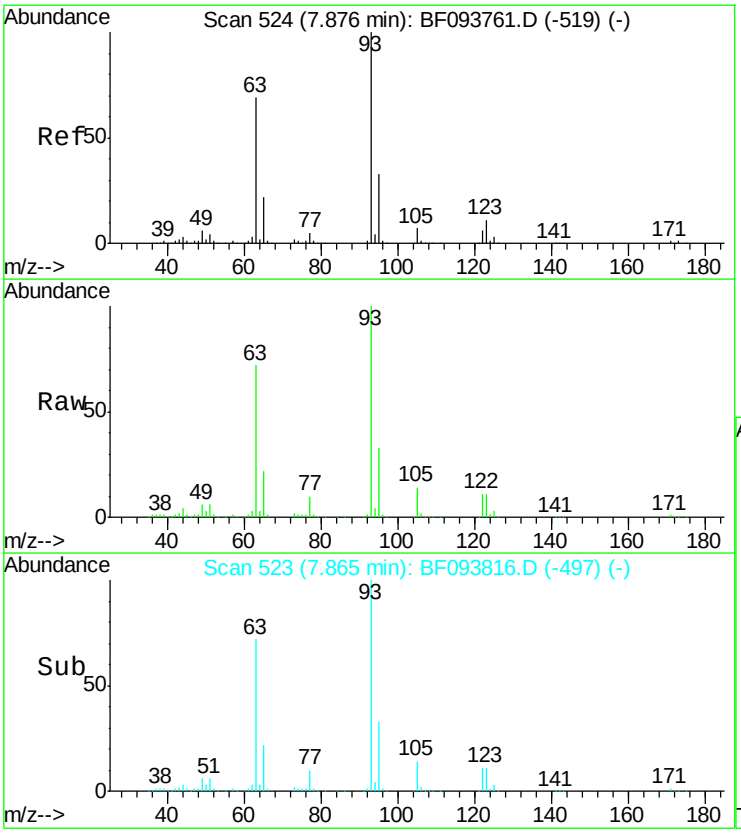

#27
2,4-Dimethylphenol
Concen: 39.37 ng
RT: 7.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:122 Resp: 499780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 109.9 | 89.2 | 133.8 |
| 121 | 58.6 | 45.2 | 67.8 |

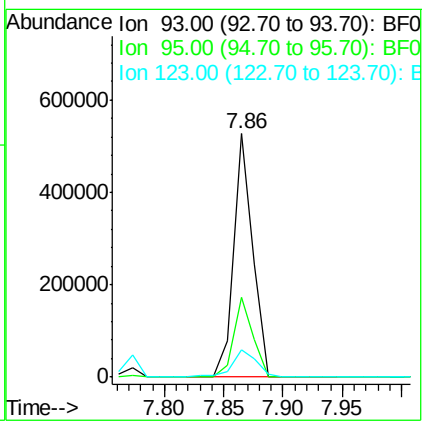


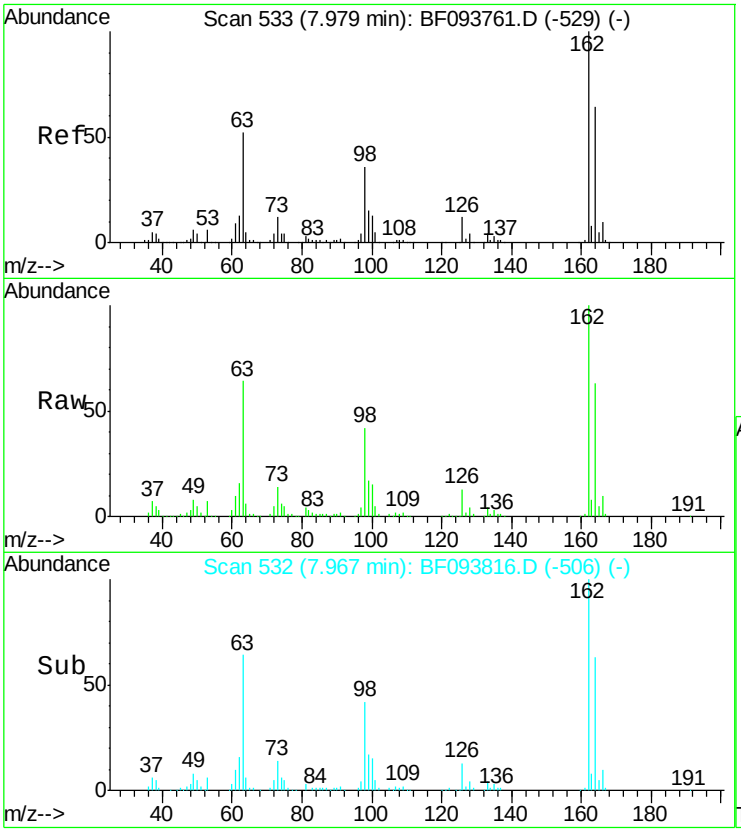




#28
bis(2-Chloroethoxy)methane
Concen: 35.89 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion: 93 Resp: 584549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.7 | 26.5 | 39.7 |
| 123 | 11.1 | 9.0 | 13.4 |



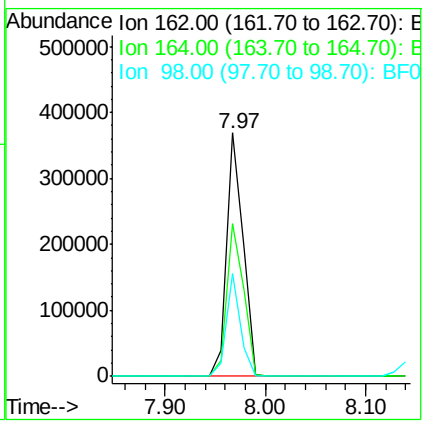


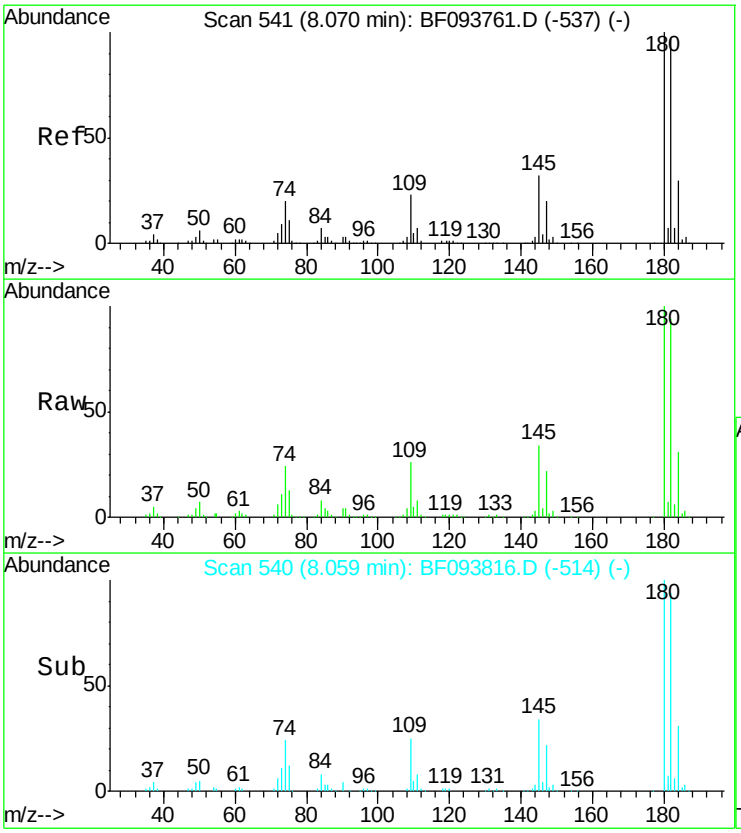

#29
2,4-Dichlorophenol
Concen: 38.59 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:162 Resp: 417024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.5 | 44.6 | 84.6 |
| 98 | 42.3 | 14.8 | 54.8 |

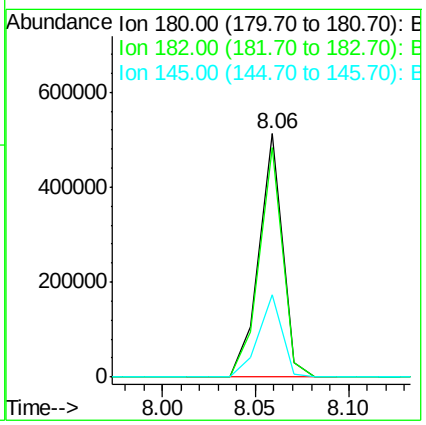


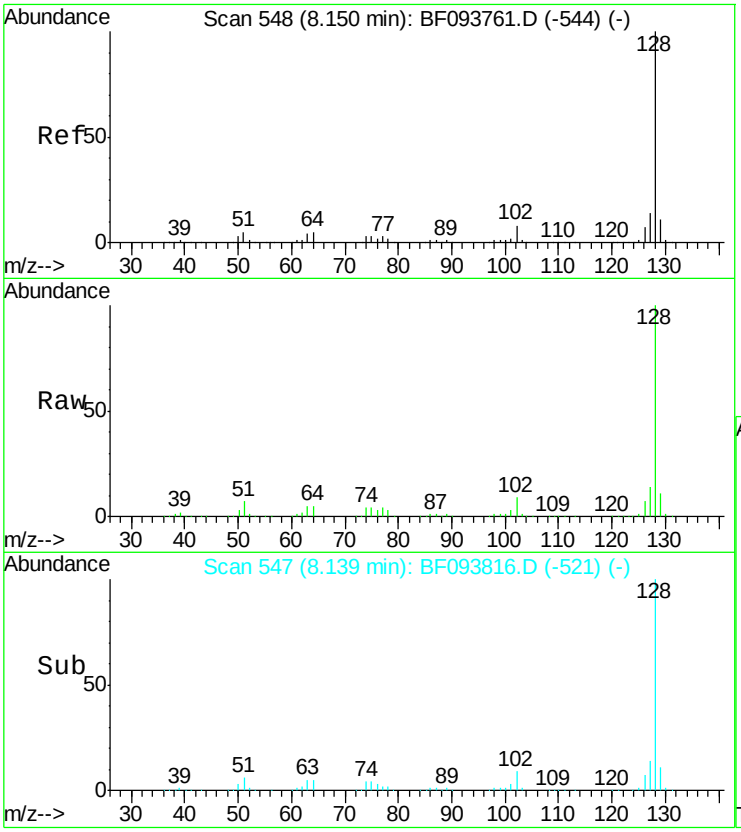




#30
1,2,4-Trichlorobenzene
Concen: 39.76 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:180 Resp: 446146

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.3 | 75.8 | 113.6 |
| 145 | 33.7 | 25.3 | 37.9 |



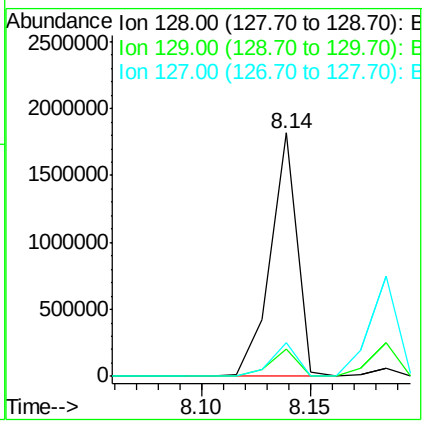


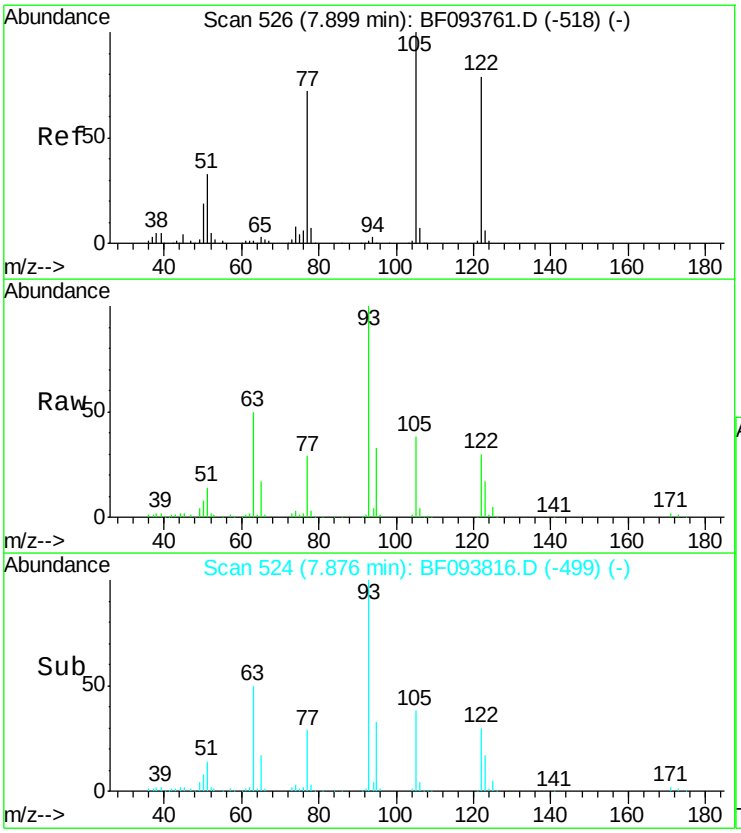

#31
Naphthalene
Concen:  41.84 ng
RT: 8.14 min  Scan# 547
Delta R.T.  -0.00 min
Lab File:  BF093816.D
Acq: 22 Mar 2017  5:00

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

Tgt Ion:128 Resp: 1573897

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.4 | 9.0 | 13.6 |
| 127 | 13.9 | 10.8 | 16.2 |

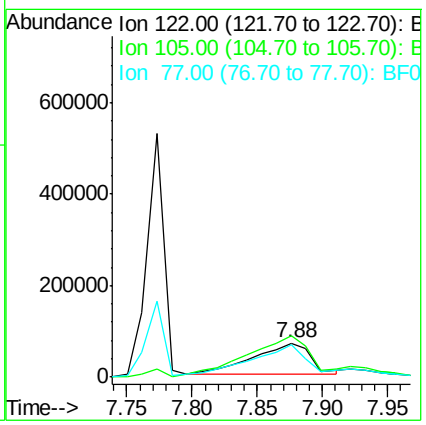


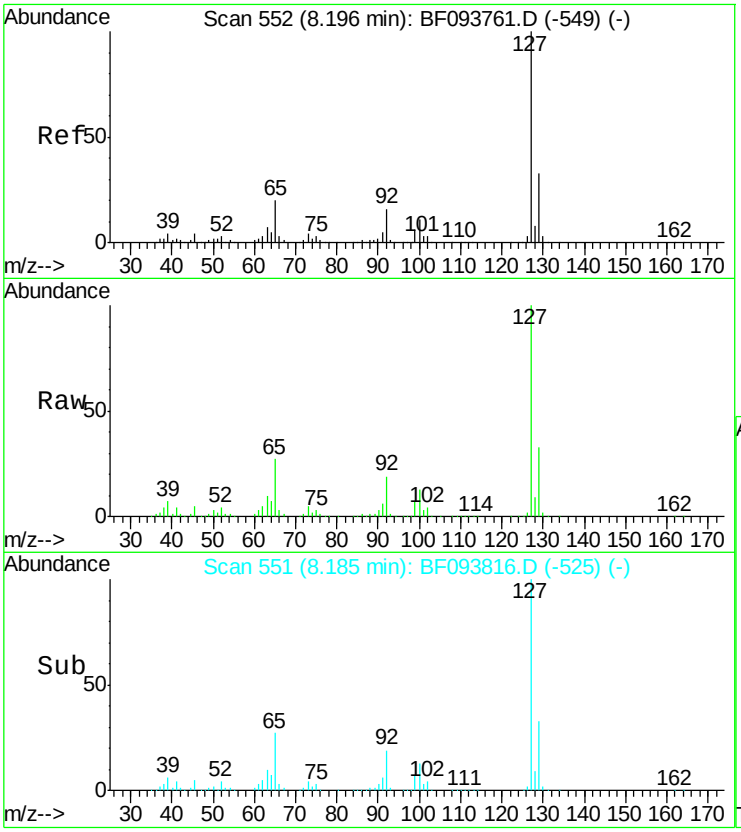




#32
Benzoic acid
Concen:  26.28 ng
RT: 7.88 min  Scan# 524
Delta R.T.  -0.01 min
Lab File:  BF093816.D
Acq: 22 Mar 2017  5:00

Tgt Ion:122 Resp:  207485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.8 | 103.3 | 143.3 |
| 77 | 93.8 | 73.7 | 113.7 |



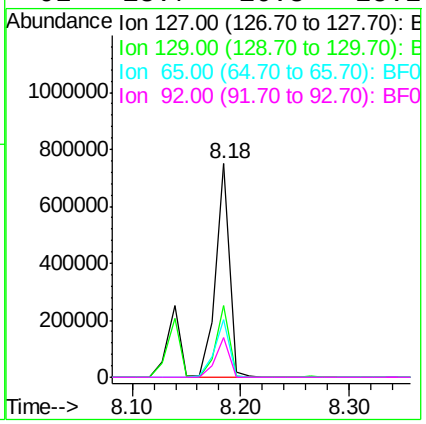


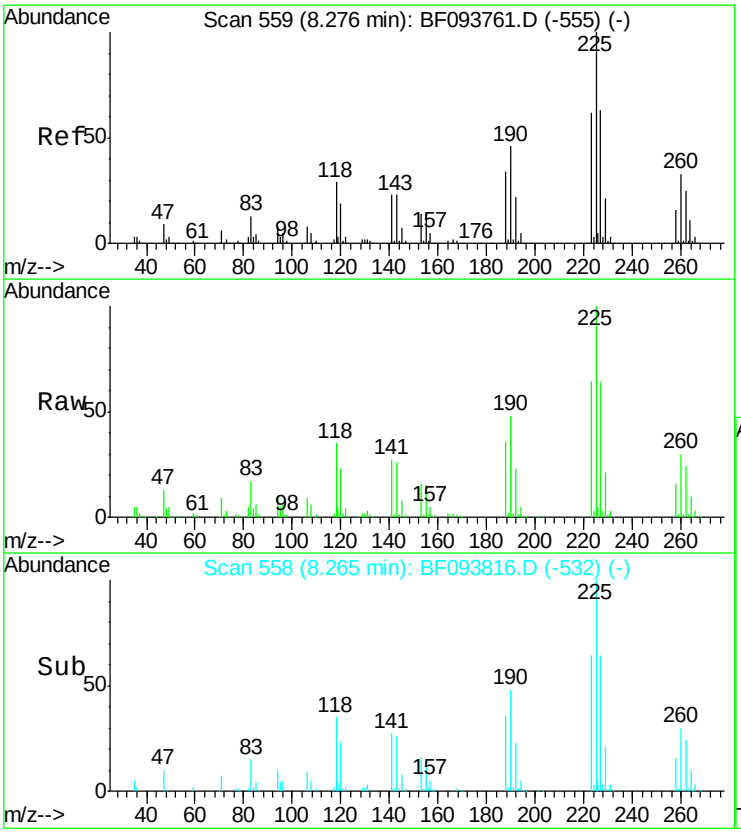

#33
4-Chloroaniline
Concen: 41.48 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:127 Resp: 670570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.3 | 26.2 | 39.2 |
| 65 | 27.0 | 27.8 | 41.8# |
| 92 | 18.7 | 16.8 | 25.2 |

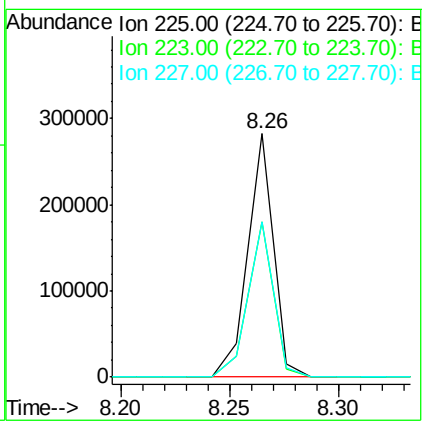


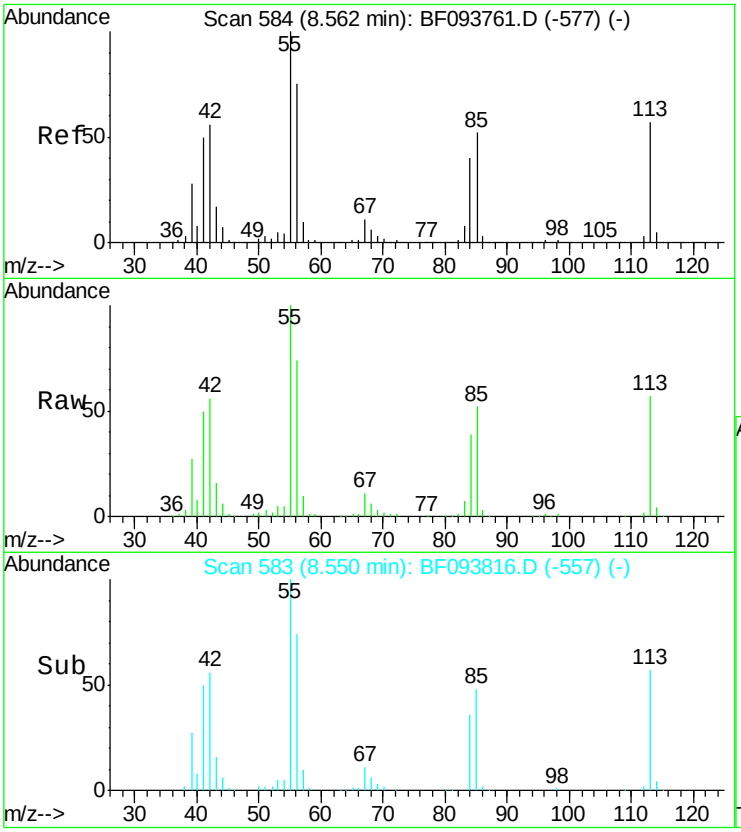




#34
Hexachlorobutadiene
Concen: 39.10 ng
RT: 8.26 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:225 Resp: 230758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.6 | 48.8 | 73.2 |
| 227 | 63.7 | 51.1 | 76.7 |



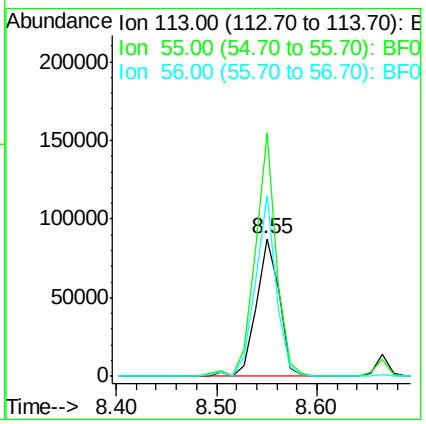


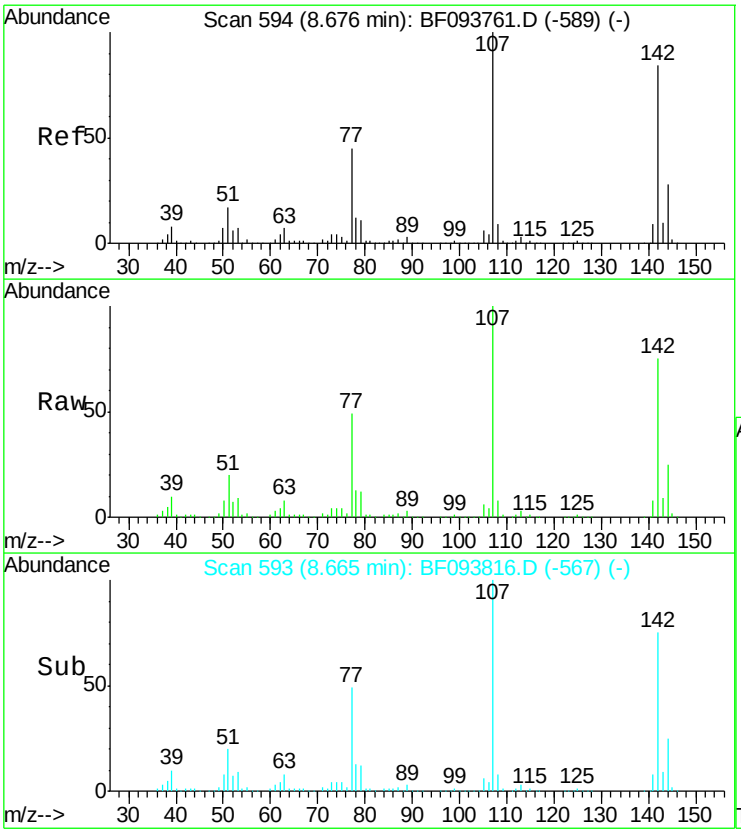

#35
Caprolactam
Concen: 41.03 ng
RT: 8.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:113 Resp: 139175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 176.7 | 150.2 | 190.2 |
| 56 | 131.4 | 107.8 | 147.8 |

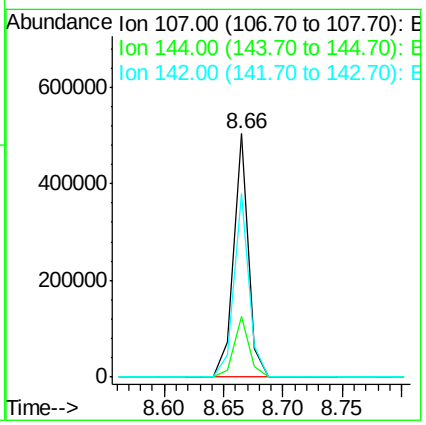


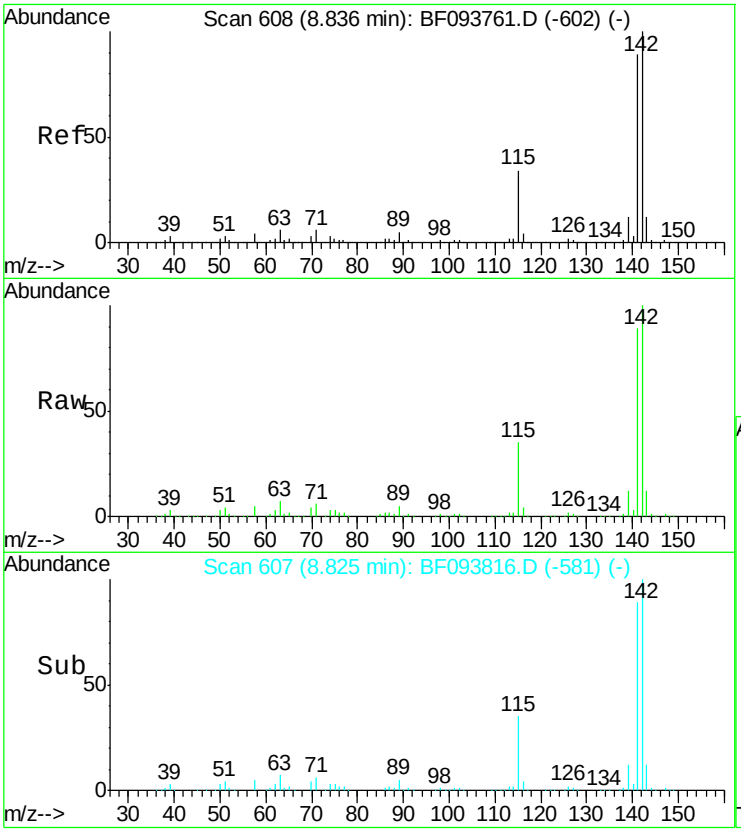




#36
4-Chloro-3-methylphenol
Concen: 39.20 ng
RT: 8.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:107 Resp: 438896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 24.8 | 24.2 | 36.4 |
| 142 | 75.5 | 73.4 | 110.0 |



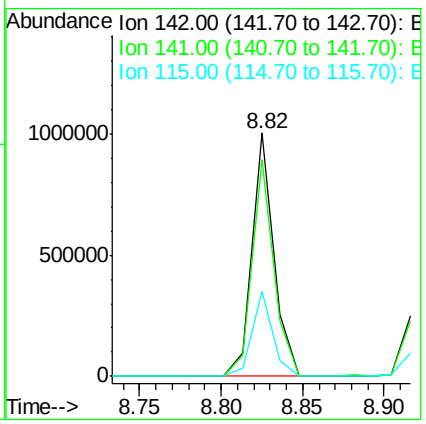


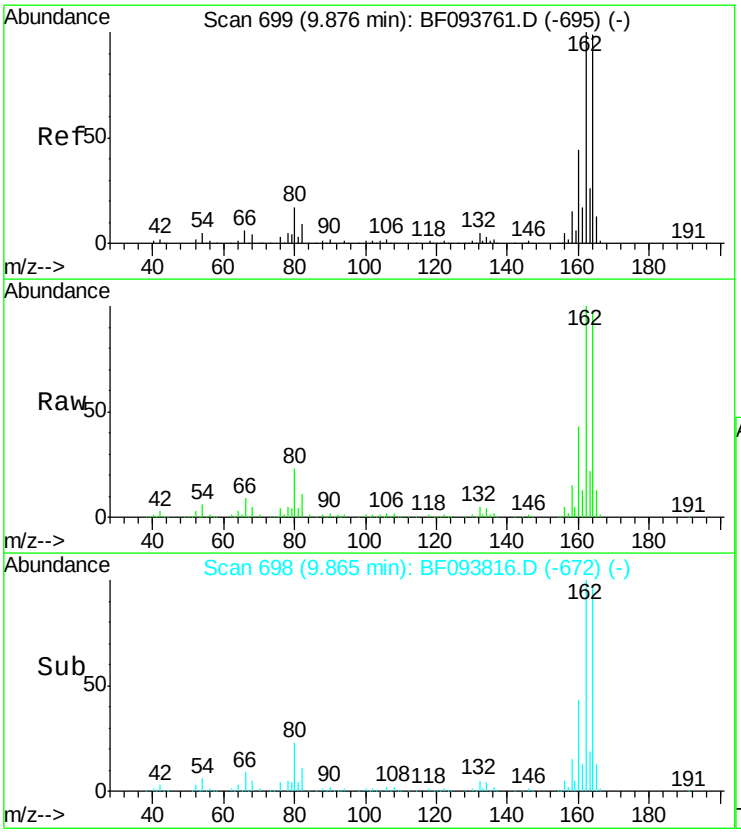

#37
2-Methylnaphthalene
Concen: 38.02 ng
RT: 8.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:142 Resp: 933717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.3 | 71.3 | 106.9 |
| 115 | 34.8 | 27.1 | 40.7 |

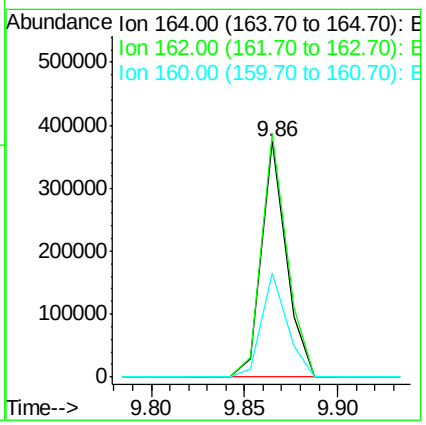


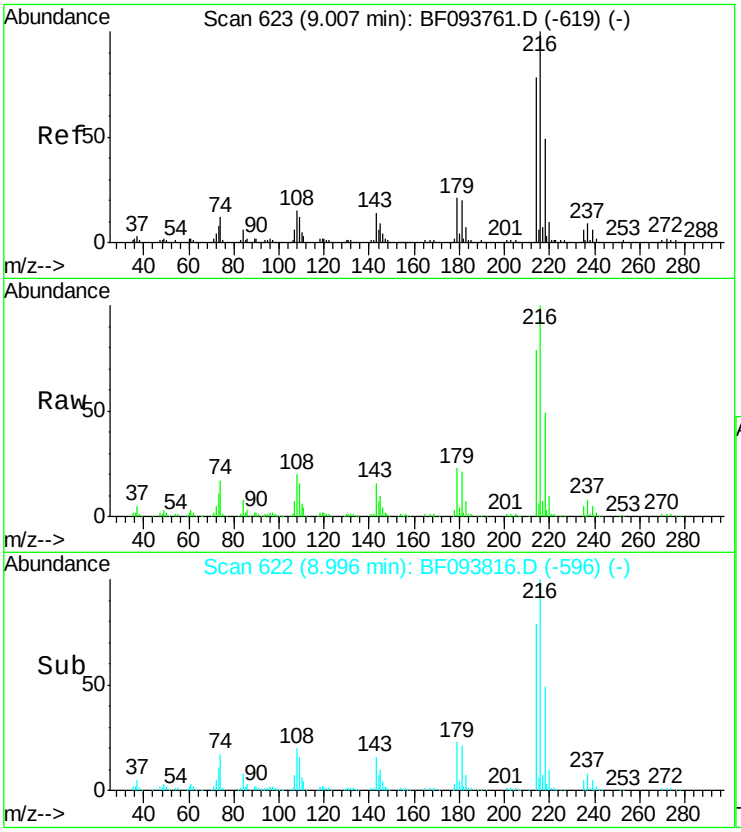




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:164 Resp: 344132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 82.6 | 123.8 |
| 160 | 44.3 | 36.2 | 54.2 |



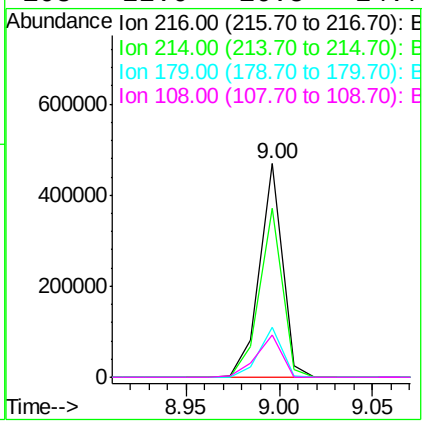


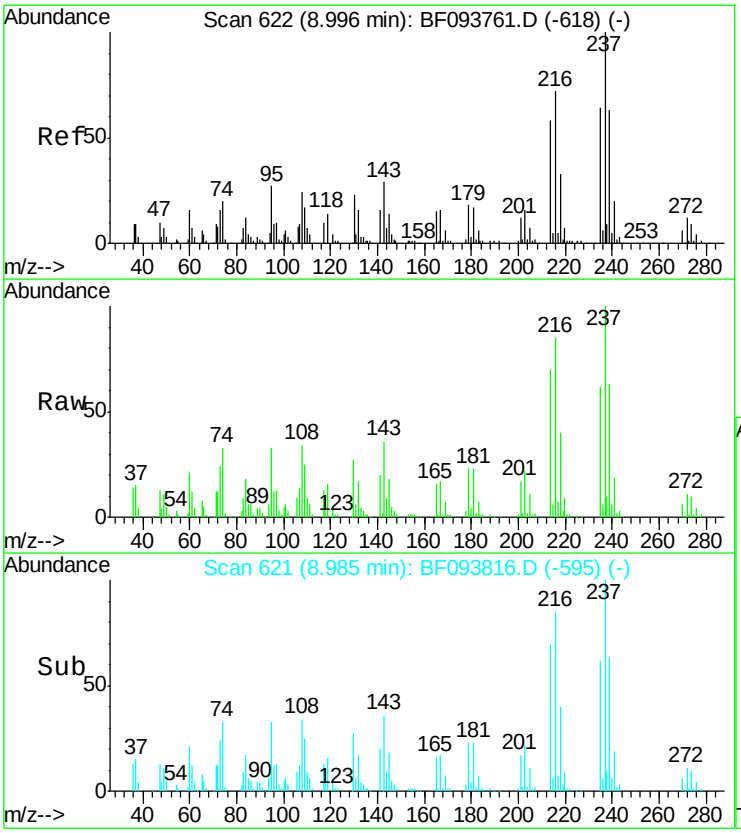

#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.34 ng
RT: 9.00 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:216 Resp: 395012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.3 | 63.4 | 95.2 |
| 179 | 23.5 | 17.9 | 26.9 |
| 108 | 22.0 | 16.5 | 24.7 |

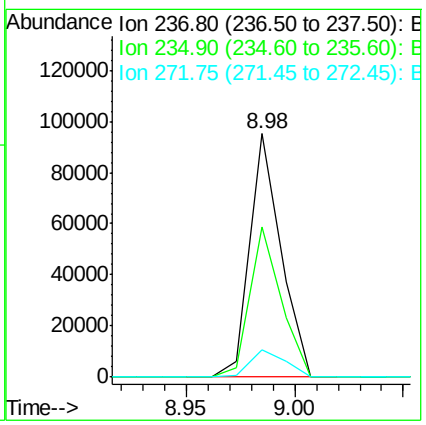


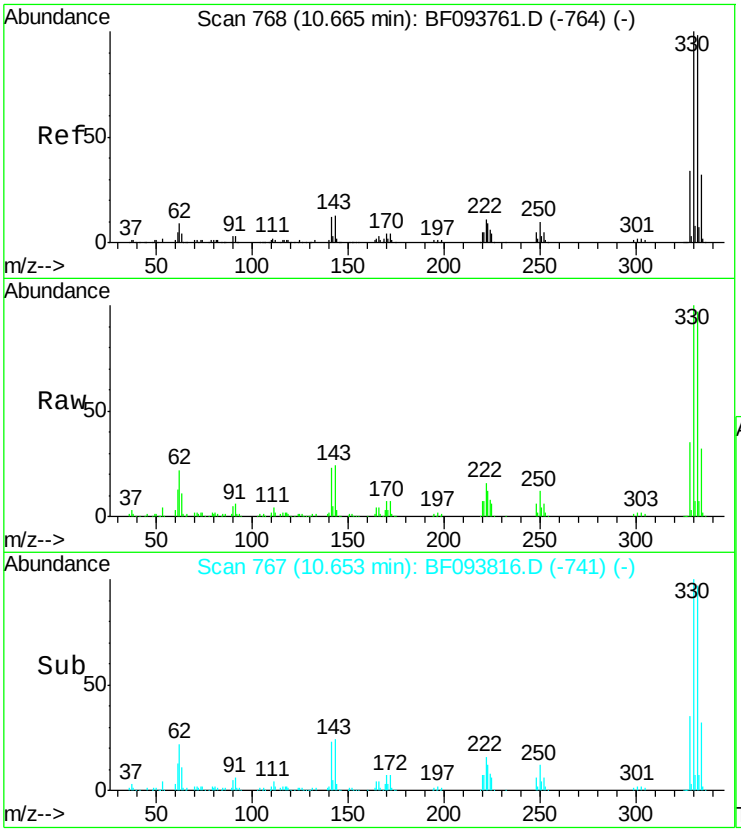




#40
Hexachlorocyclopentadiene
Concen: 20.64 ng
RT: 8.98 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:237 Resp: 94920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.6 | 42.6 | 82.6 |
| 272 | 11.2 | 0.0 | 31.9 |



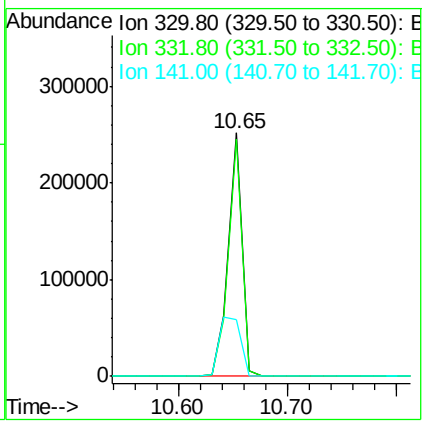


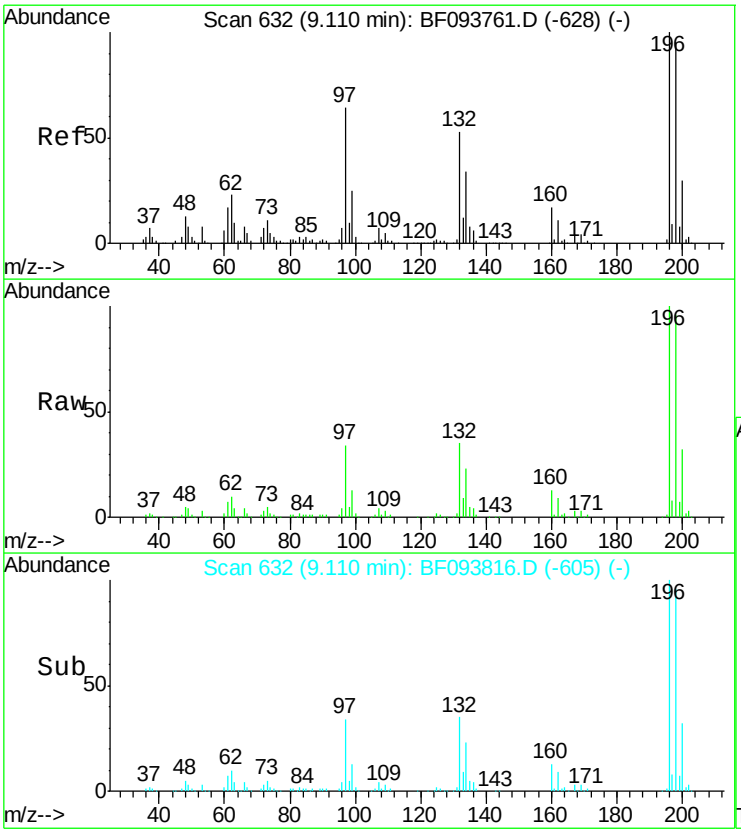

#41
2,4,6-Tribromophenol
Concen: 83.56 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:330 Resp: 222716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 76.6 | 115.0 |
| 141 | 38.2 | 31.4 | 47.2 |

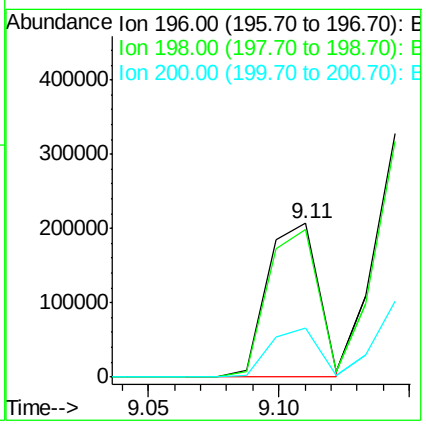


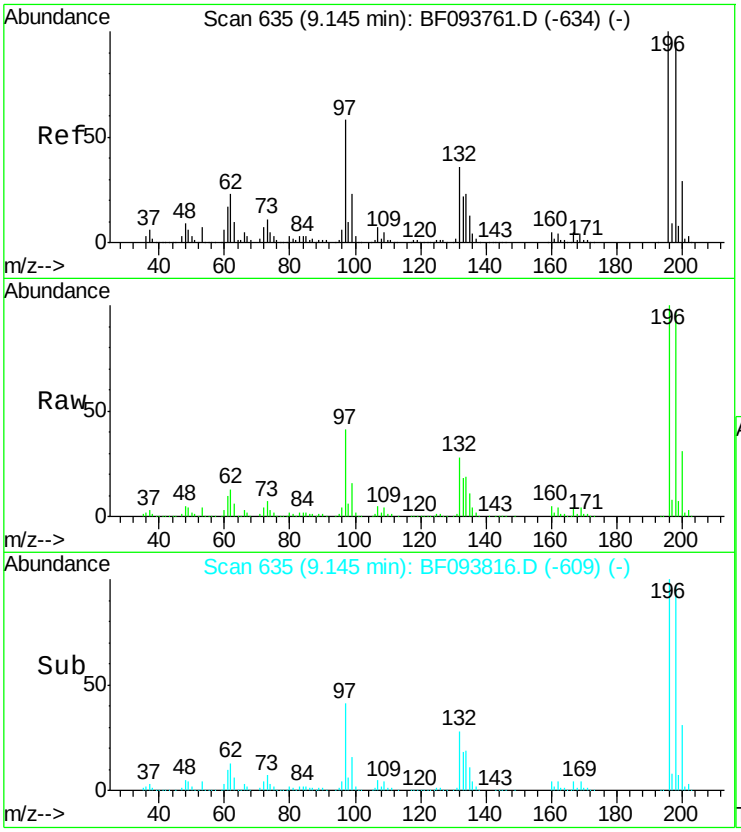




#42
2,4,6-Trichlorophenol
Concen: 42.21 ng
RT: 9.11 min Scan# 632
Delta R.T. 0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:196 Resp: 279237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.8 | 74.2 | 111.4 |
| 200 | 31.8 | 24.0 | 36.0 |



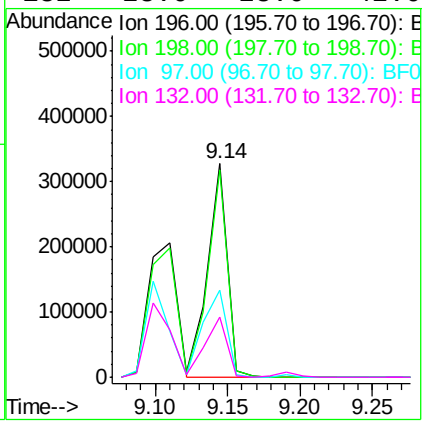


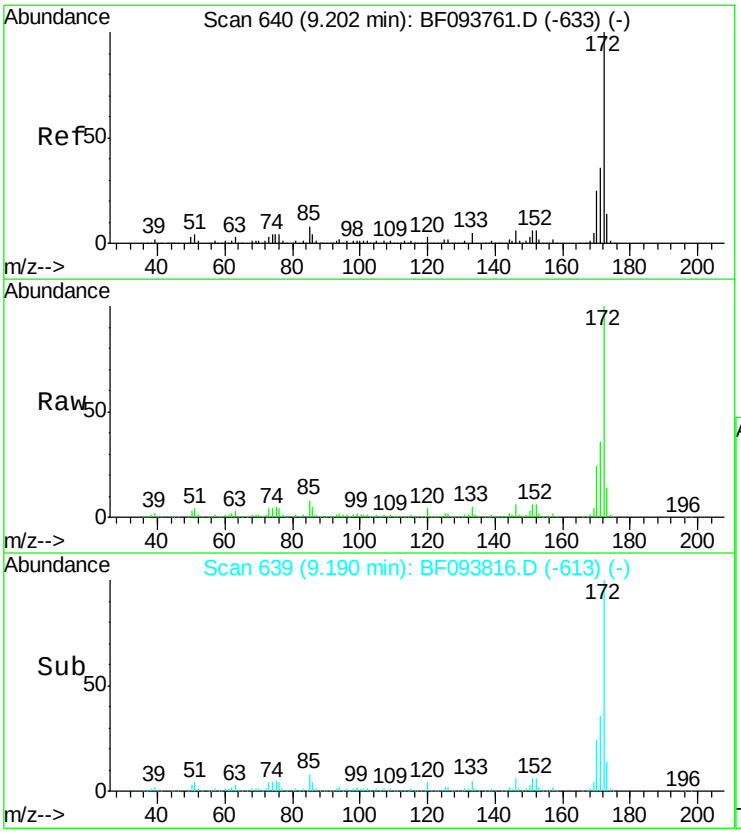

#43
2,4,5-Trichlorophenol
Concen: 44.90 ng
RT: 9.14 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:196 Resp: 308372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.0 | 75.7 | 113.5 |
| 97 | 40.7 | 47.7 | 71.5# |
| 132 | 28.0 | 28.0 | 42.0 |

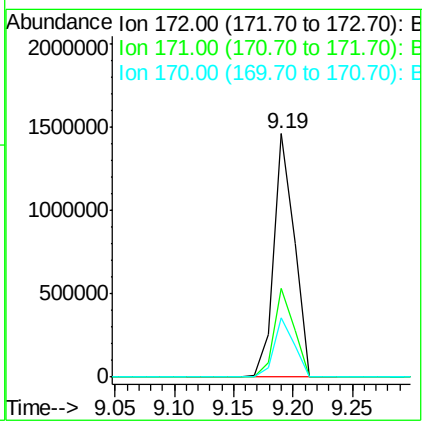


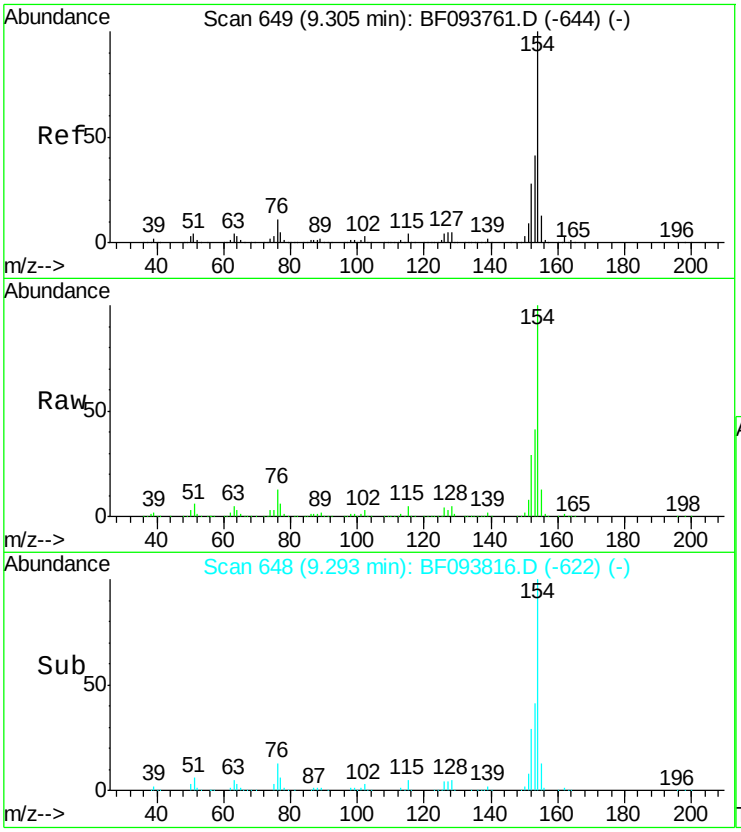




#44
2-Fluorobiphenyl
Concen: 84.79 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:172 Resp: 1735280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 29.6 | 44.4 |
| 170 | 24.3 | 19.8 | 29.8 |



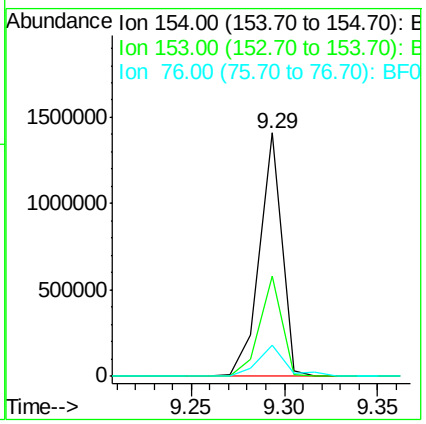


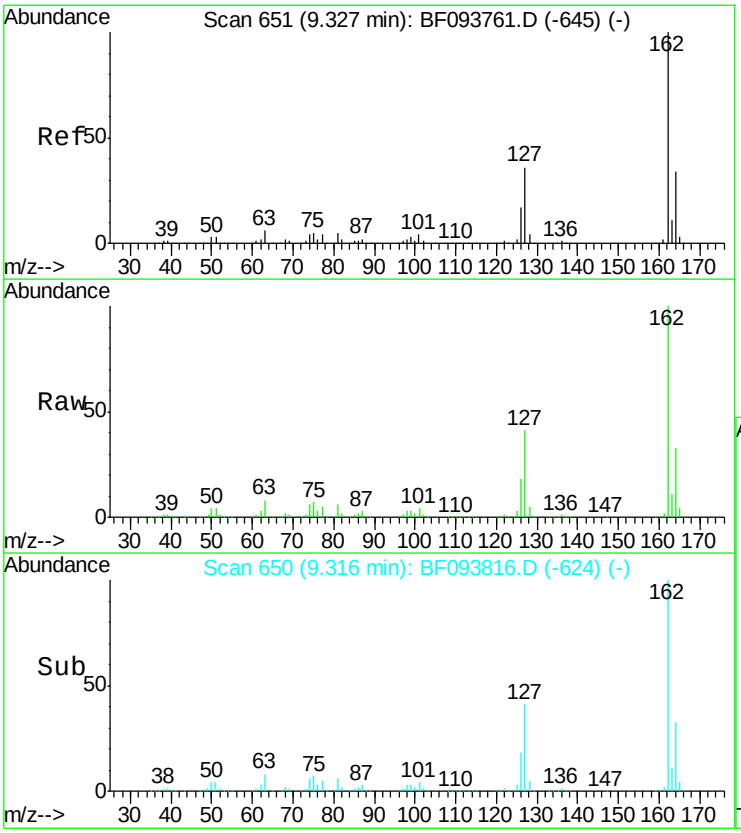

#45
1,1'-Biphenyl
Concen: 41.40 ng
RT: 9.29 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:154 Resp: 1158012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.1 | 21.2 | 61.2 |
| 76 | 13.0 | 0.0 | 29.9 |

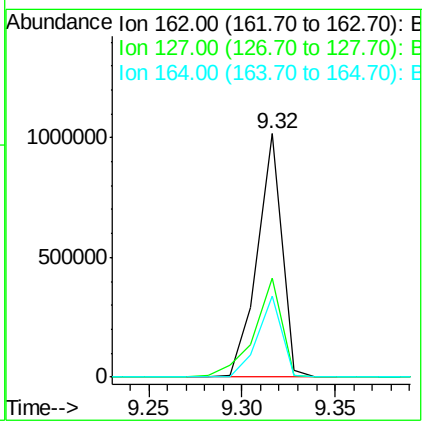


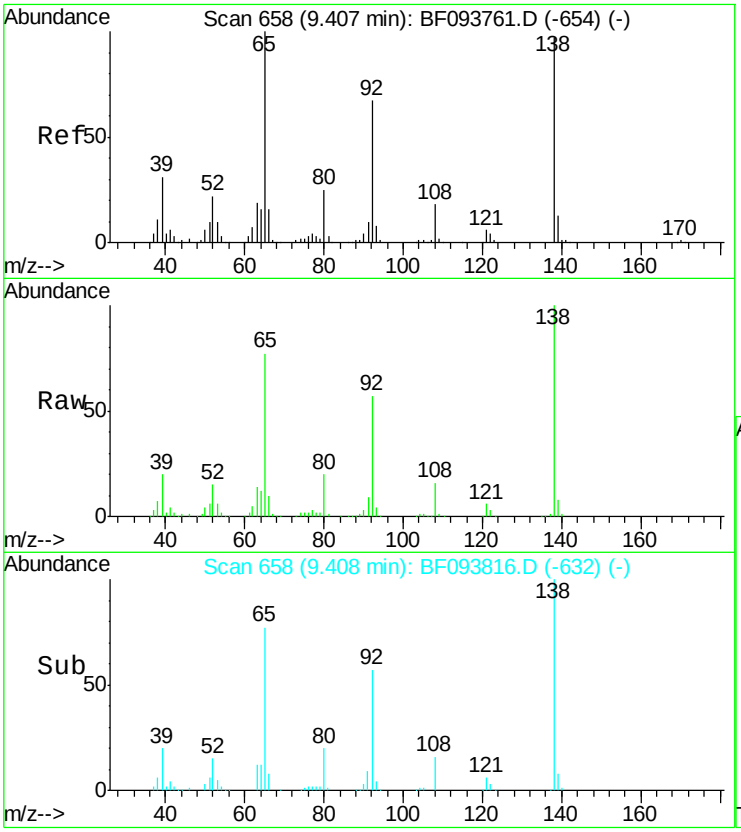




#46
2-Chloronaphthalene
Concen: 43.00 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:162 Resp: 922070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.6 | 28.3 | 42.5 |
| 164 | 33.1 | 27.0 | 40.4 |



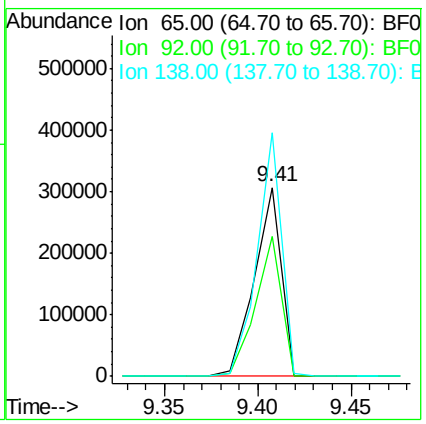


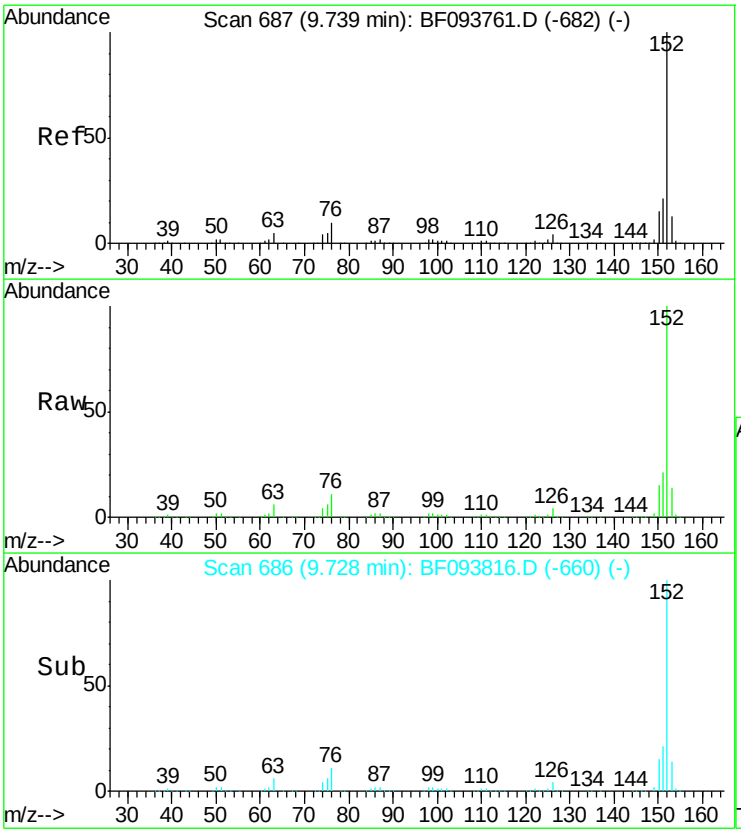

#47
2-Nitroaniline
Concen: 50.89 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion: 65 Resp: 304759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 74.1 | 53.9 | 80.9 |
| 138 | 129.1 | 78.8 | 118.2# |

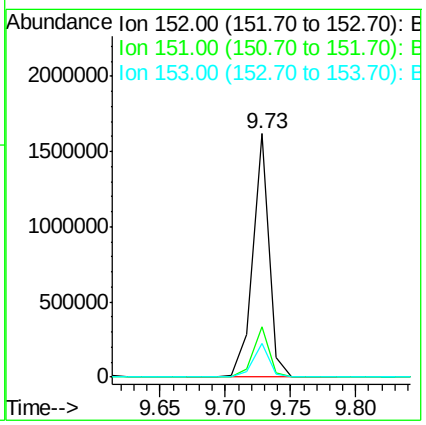


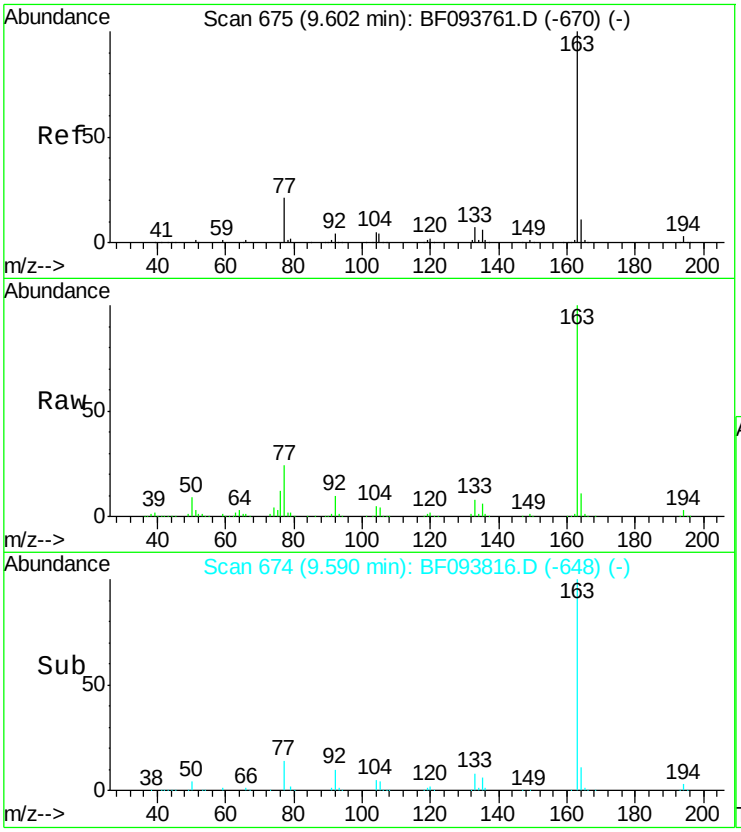




#48
Acenaphthylene
Concen: 40.25 ng
RT: 9.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:152 Resp: 1404756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.7 | 16.8 | 25.2 |
| 153 | 13.6 | 10.8 | 16.2 |



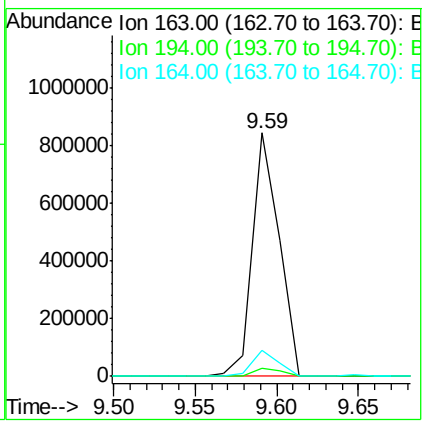


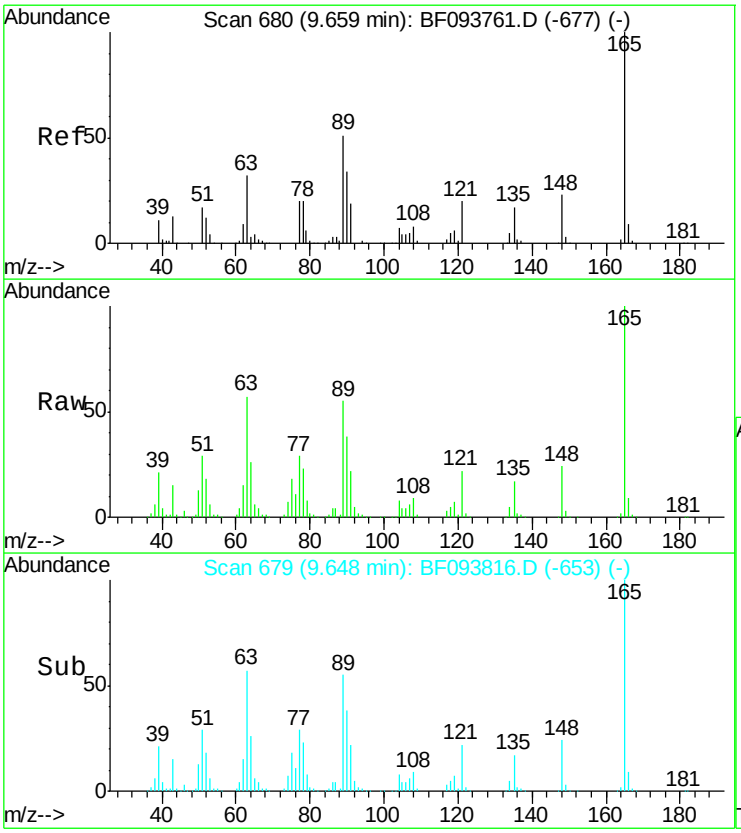

#49
Dimethylphthalate
Concen: 39.28 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:163 Resp: 961895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 2.6 | 4.0 |
| 164 | 10.9 | 8.4 | 12.6 |

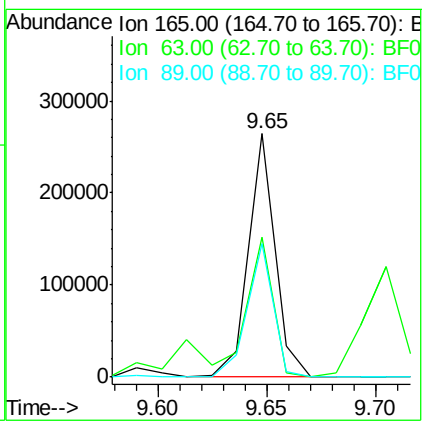


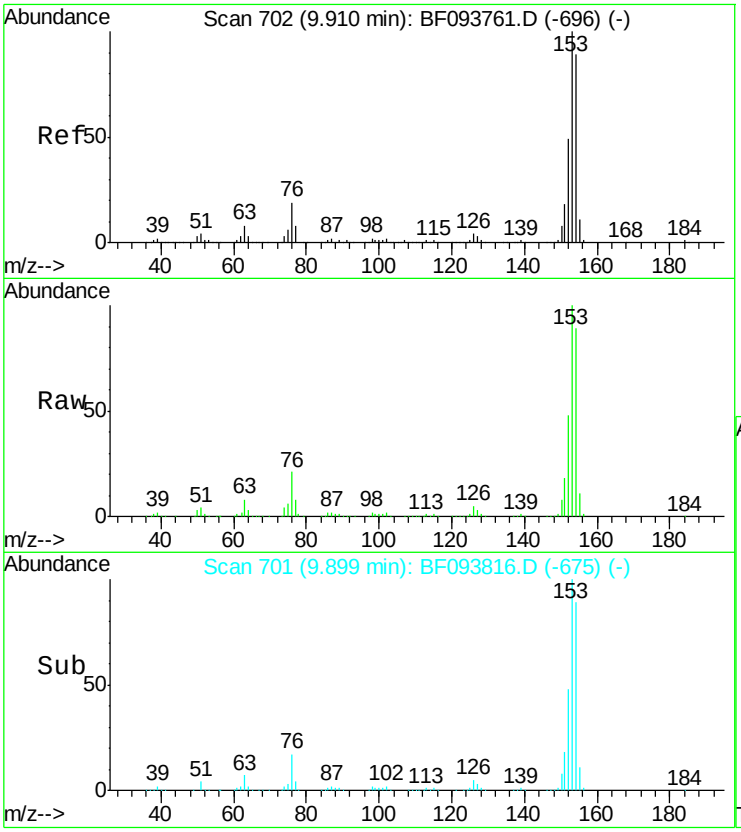




#50
2,6-Dinitrotoluene
Concen: 41.67 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:165 Resp: 224060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.4 | 34.3 | 51.5# |
| 89 | 54.9 | 37.1 | 55.7 |



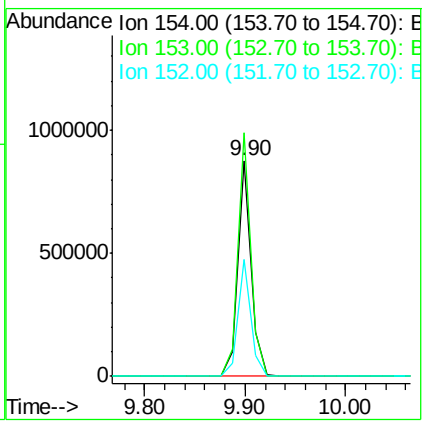


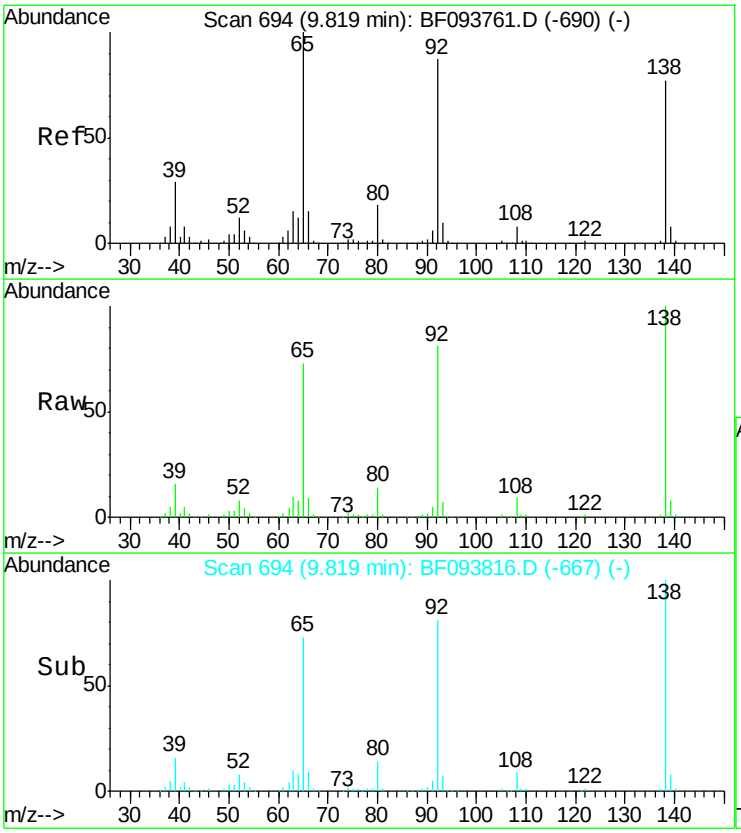

#51
Acenaphthene
Concen: 38.38 ng
RT: 9.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:154 Resp: 799902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.0 | 90.5 | 135.7 |
| 152 | 54.4 | 43.6 | 65.4 |

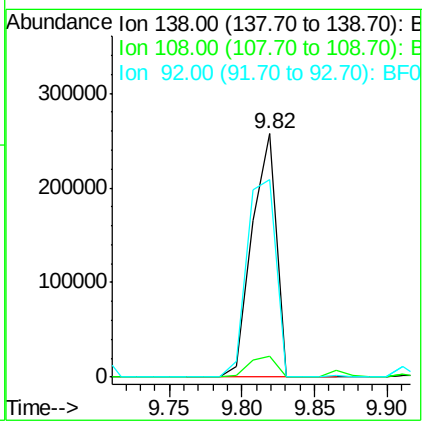


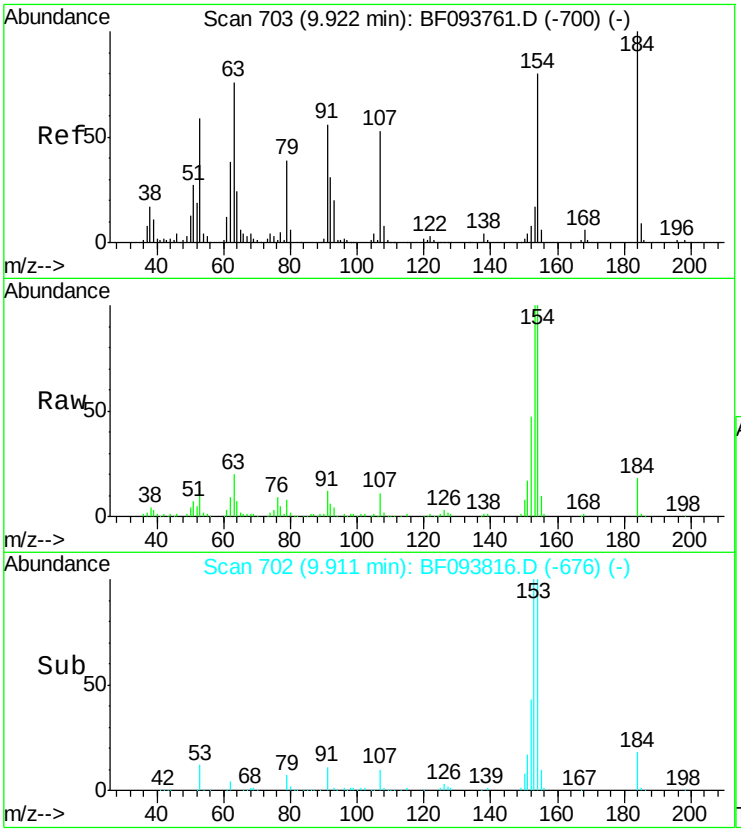




#52
3-Nitroaniline
Concen: 46.49 ng
RT: 9.82 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:138 Resp: 300074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 8.6 | 9.1 | 13.7# |
| 92 | 81.3 | 93.8 | 140.6# |



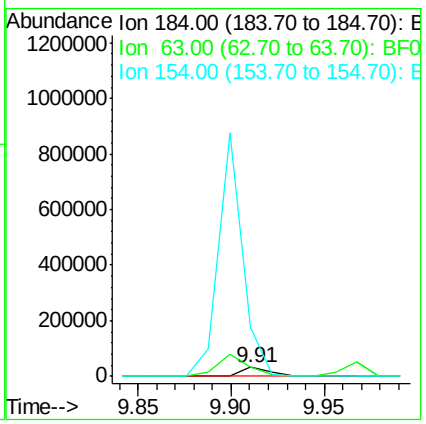


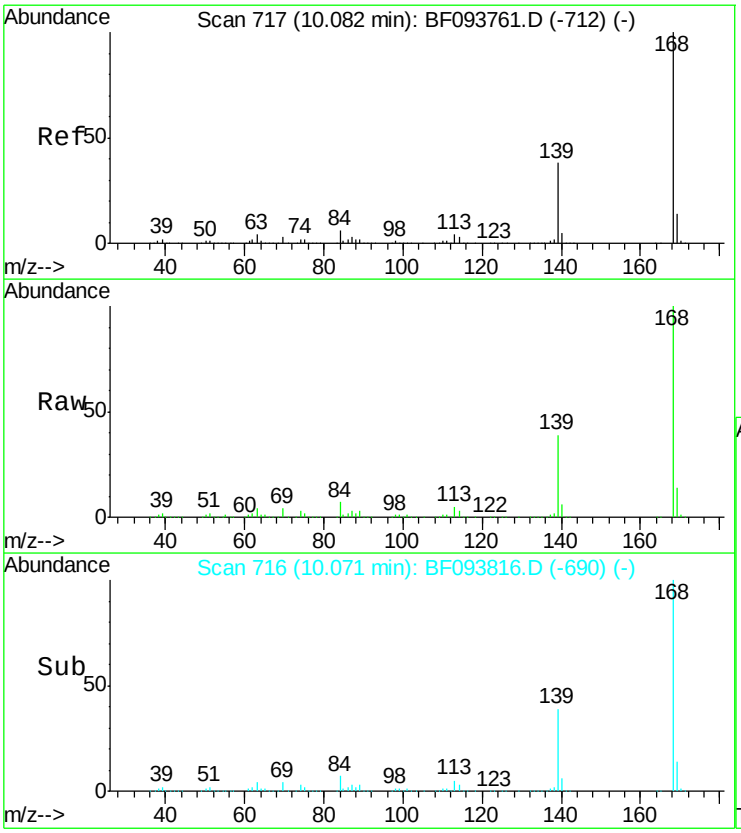

#53
2,4-Dinitrophenol
Concen: 15.23 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:184 Resp: 32136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 113.3 | 62.7 | 94.1# |
| 154 | 564.7 | 81.1 | 121.7# |

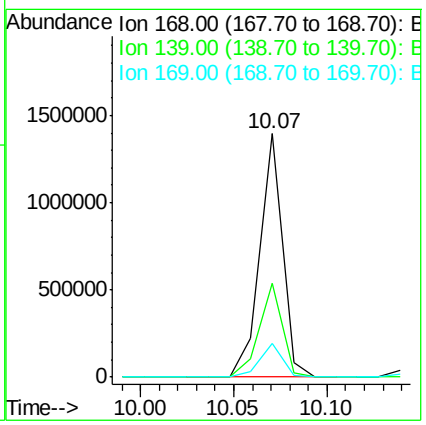


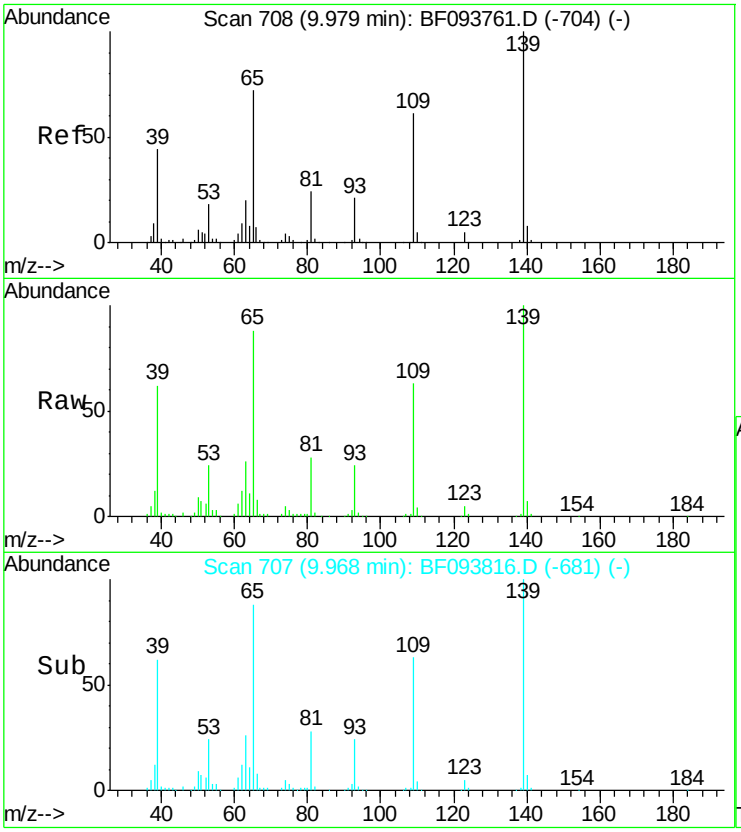




#54
Dibenzofuran
Concen: 41.70 ng
RT: 10.07 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:168 Resp: 1169630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.8 | 30.6 | 45.8 |
| 169 | 13.8 | 10.8 | 16.2 |



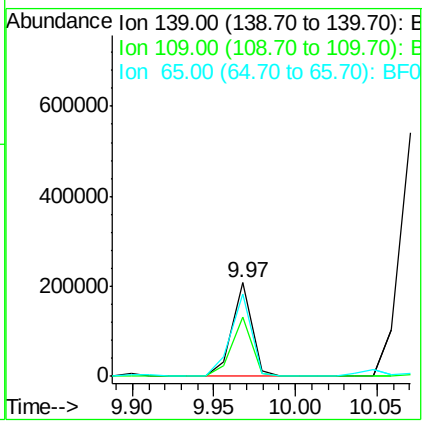


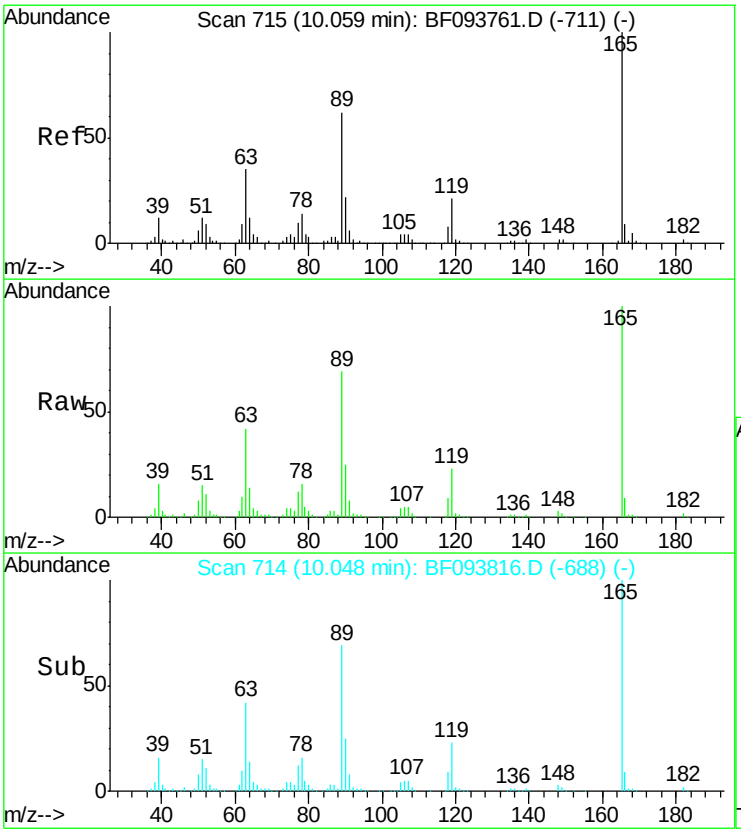

#55
4-Nitrophenol
Concen: 36.66 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:139 Resp: 177746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.6 | 34.1 | 74.1 |
| 65 | 87.8 | 31.4 | 71.4# |

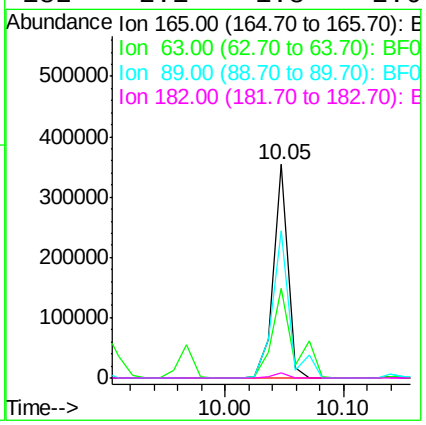


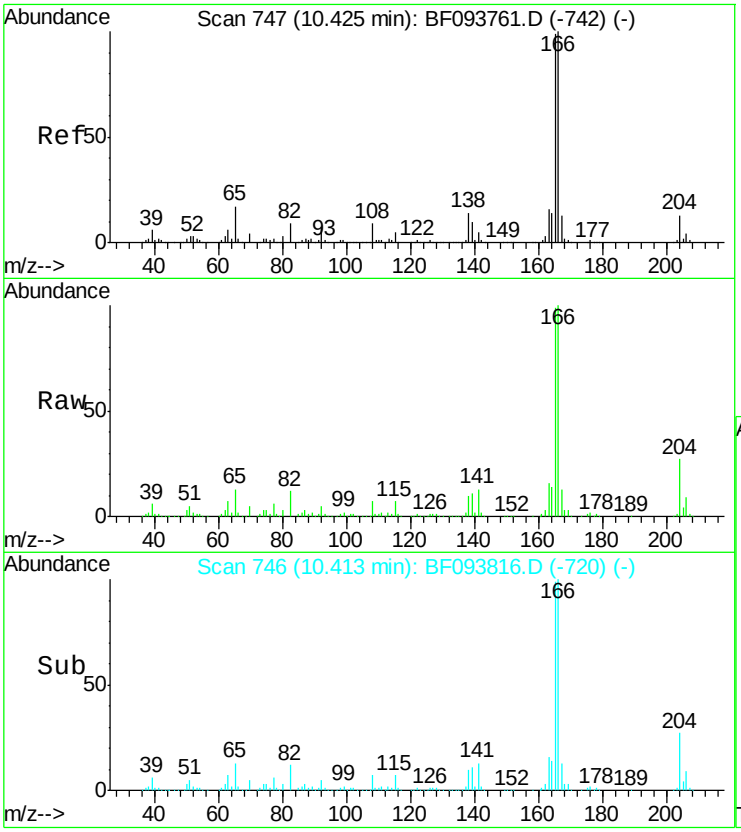




#56
2,4-Dinitrotoluene
Concen: 43.97 ng
RT: 10.05 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:165 Resp: 300114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 41.7 | 25.4 | 38.0# |
| 89 | 68.9 | 46.4 | 69.6 |
| 182 | 2.1 | 1.8 | 2.6 |



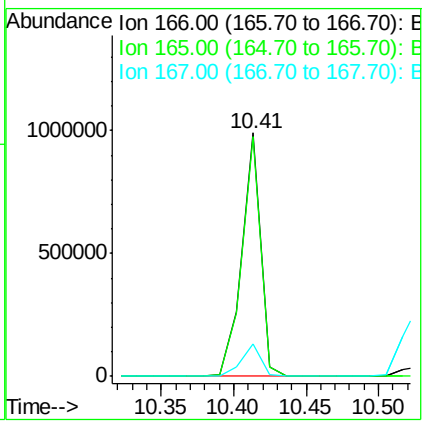


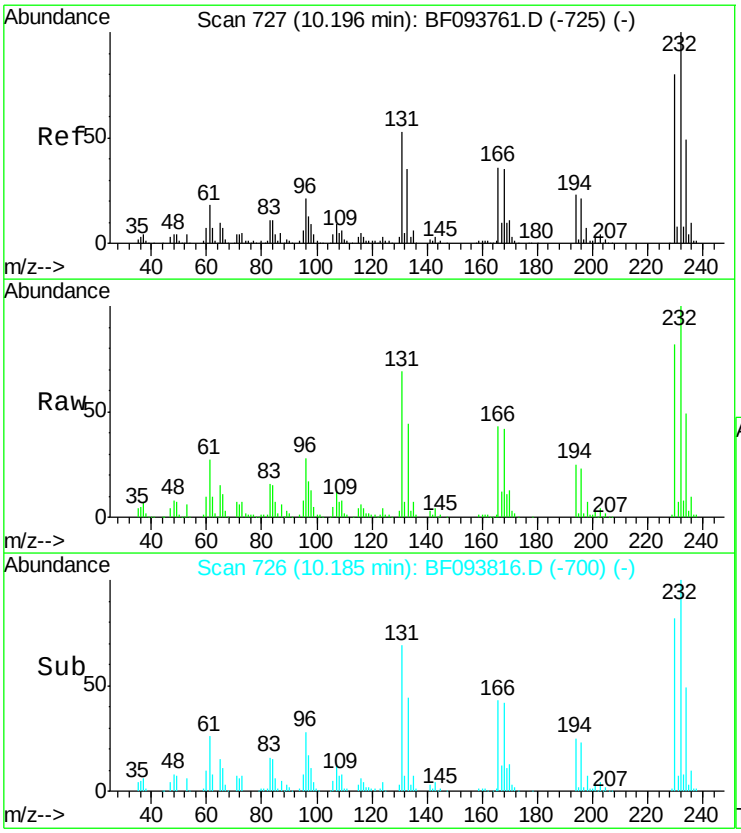

#57
Fluorene
Concen: 41.39 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:166 Resp: 889190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.5 | 78.8 | 118.2 |
| 167 | 13.3 | 10.6 | 16.0 |

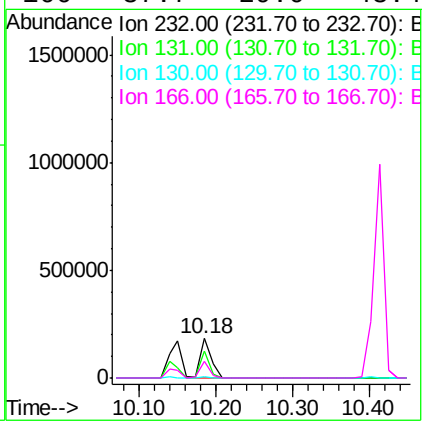


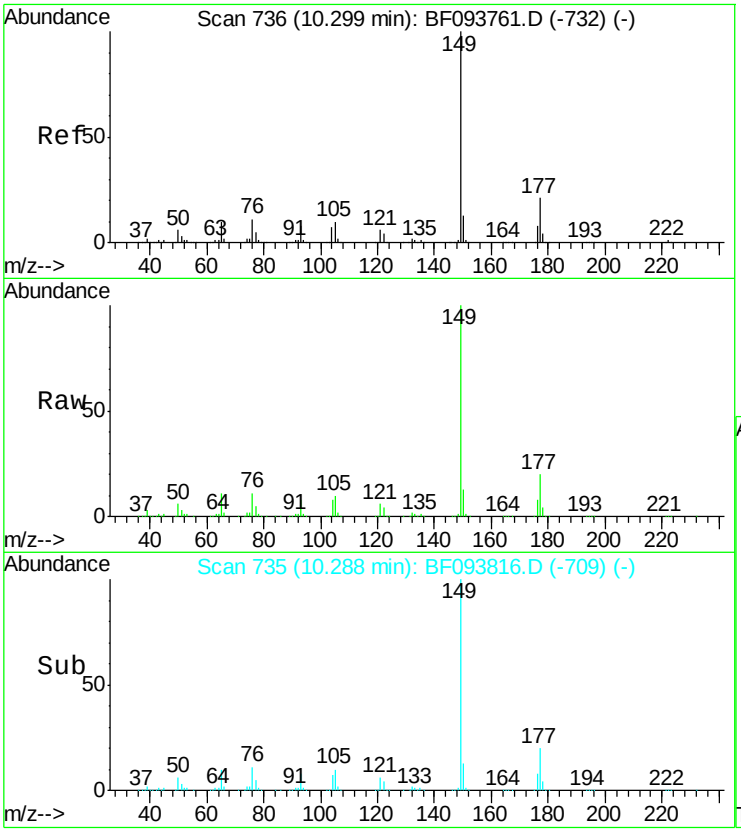




#58
2,3,4,6-Tetrachlorophenol
Concen: 38.76 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:232 Resp: 182881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 57.7 | 44.8 | 67.2 |
| 130 | 2.5 | 2.3 | 3.5 |
| 166 | 37.7 | 29.0 | 43.4 |



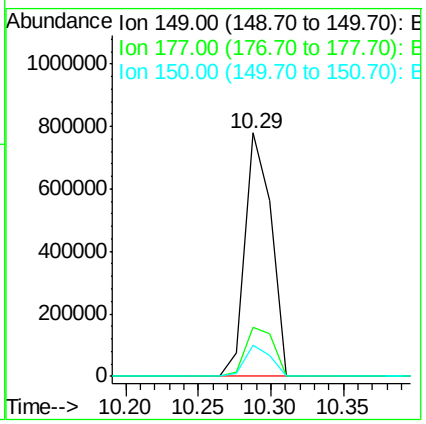


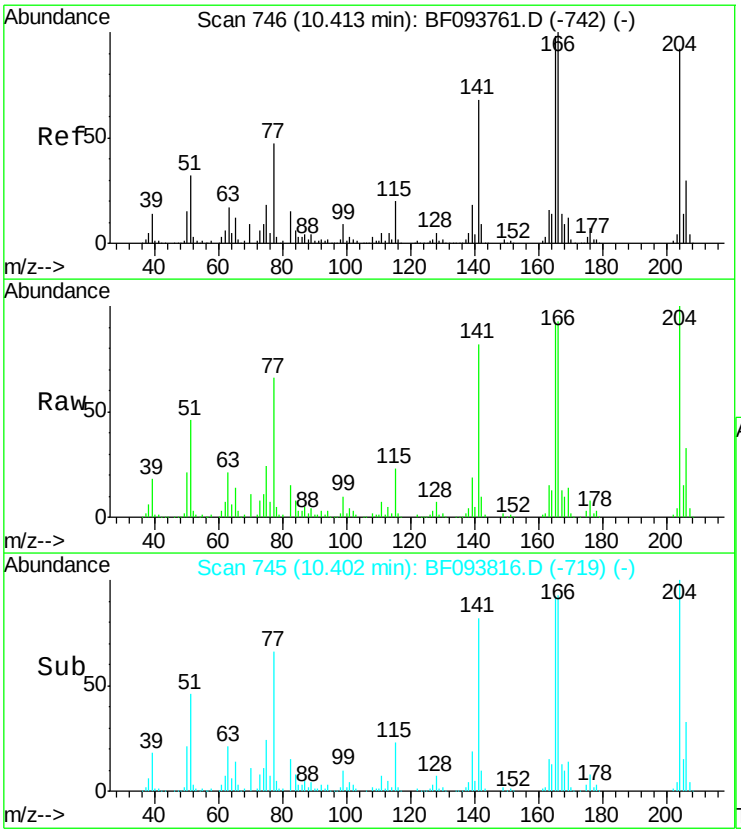

#59
Diethylphthalate
Concen: 40.75 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:149 Resp: 972704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.3 | 16.7 | 25.1 |
| 150 | 12.9 | 10.2 | 15.2 |

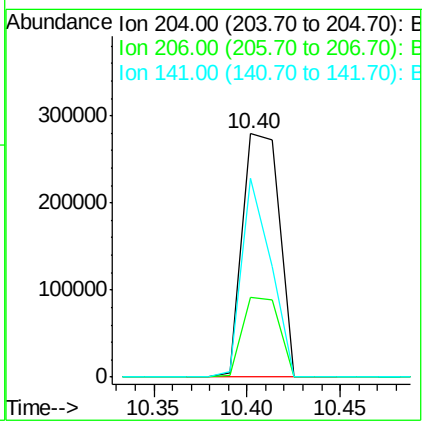


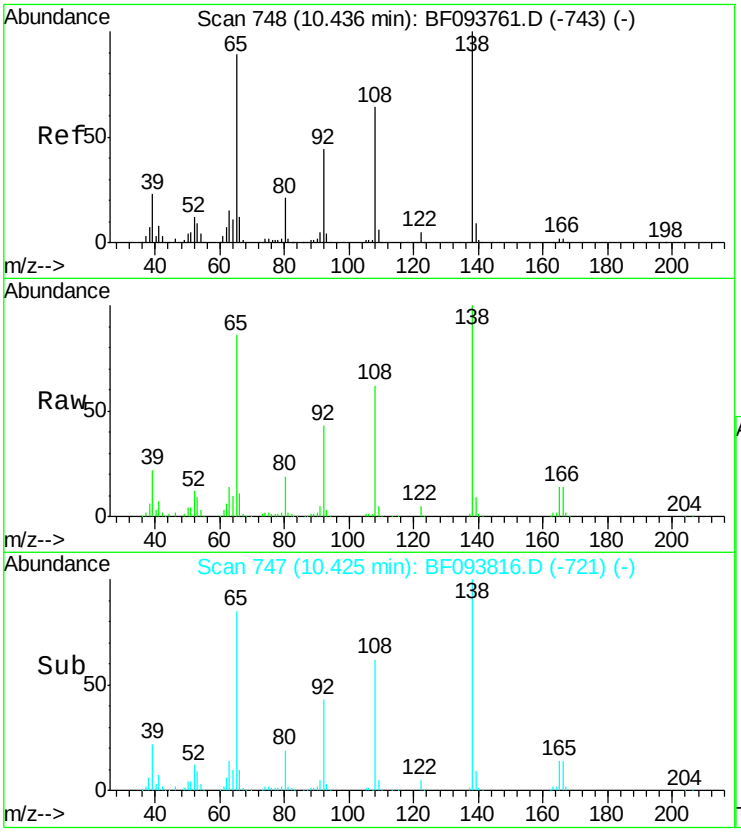




#60
4-Chlorophenyl-phenylether
Concen: 42.30 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:204 Resp: 383022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 26.2 | 39.2 |
| 141 | 81.6 | 60.8 | 91.2 |



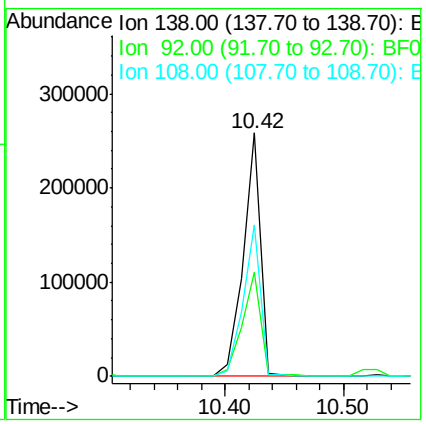


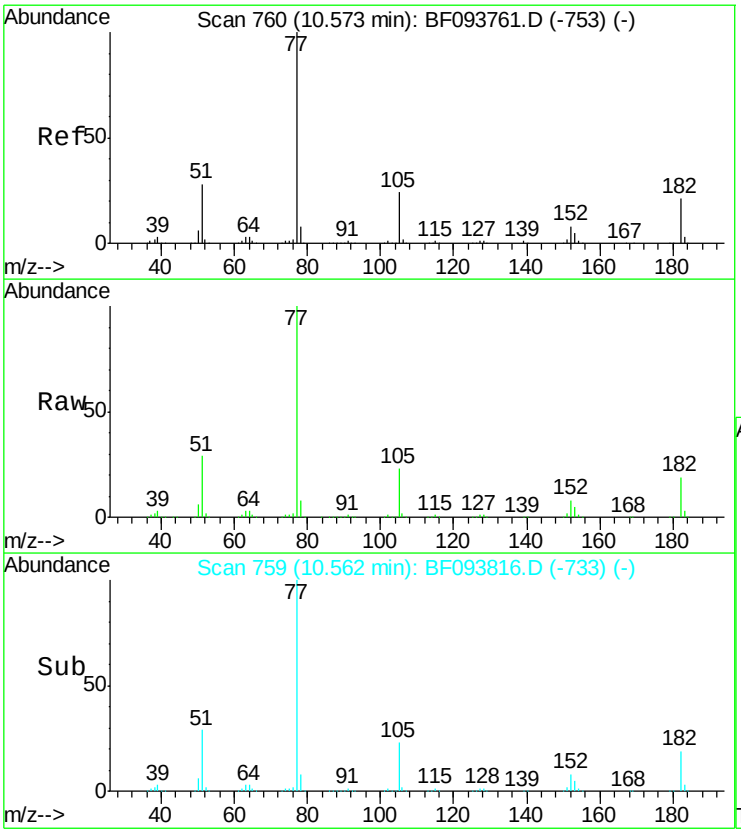

#61
4-Nitroaniline
Concen: 45.42 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:138 Resp: 262219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 42.6 | 21.8 | 61.8 |
| 108 | 62.3 | 42.3 | 82.3 |

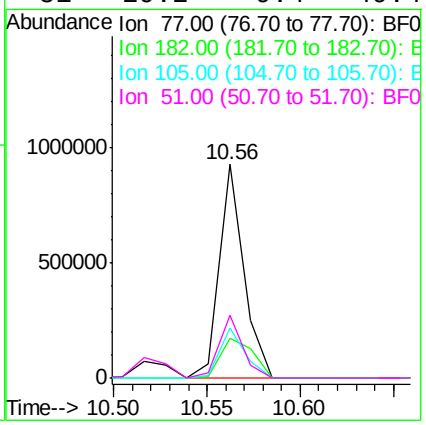


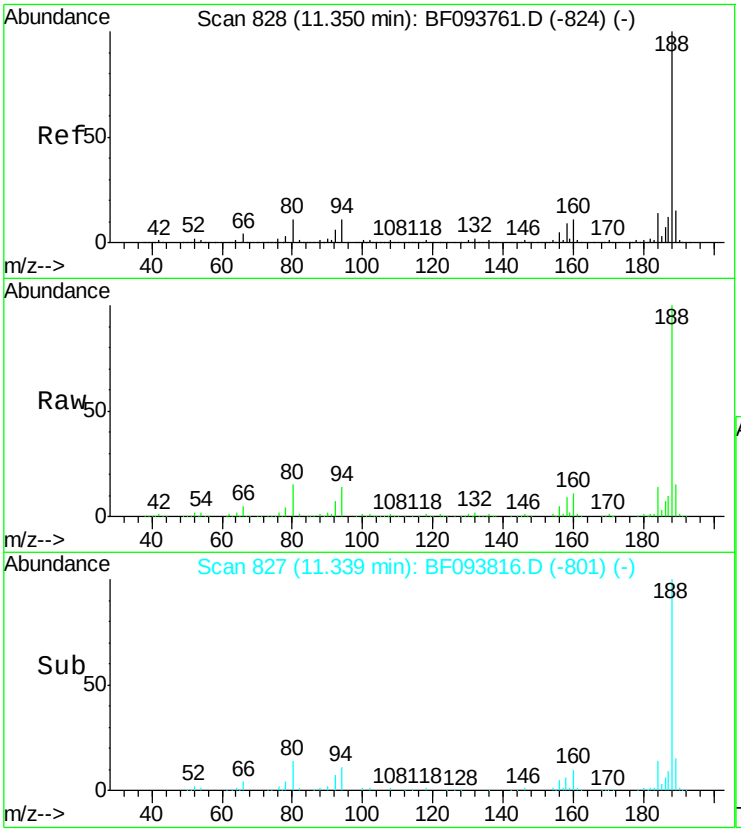




#62
Azobenzene
Concen: 36.08 ng
RT: 10.56 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion: 77 Resp: 851712

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 18.8 | 0.1 | 40.1 |
| 105 | 23.3 | 3.6 | 43.6 |
| 51 | 29.2 | 9.4 | 49.4 |



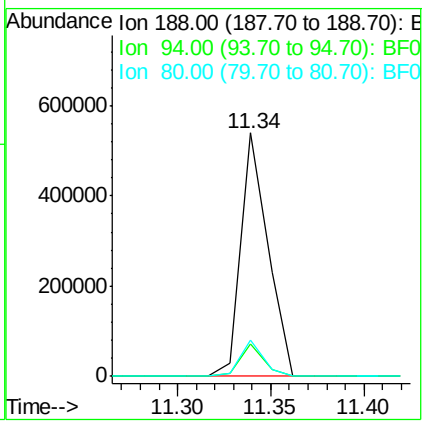


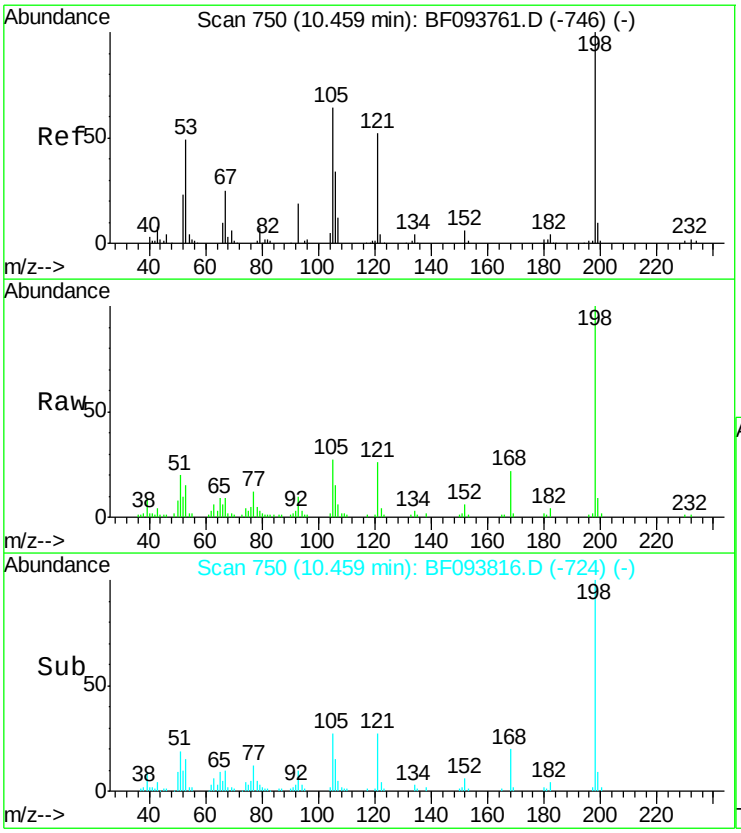

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:188 Resp: 549097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.6 | 9.4 | 14.2 |
| 80 | 14.8 | 10.2 | 15.2 |

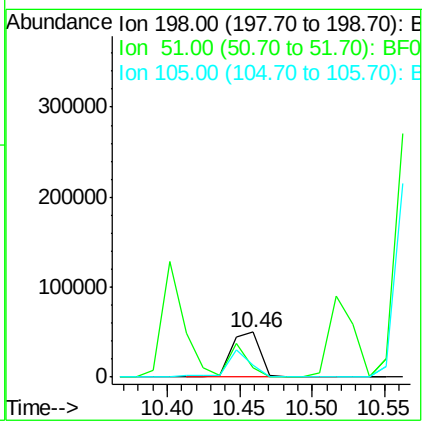


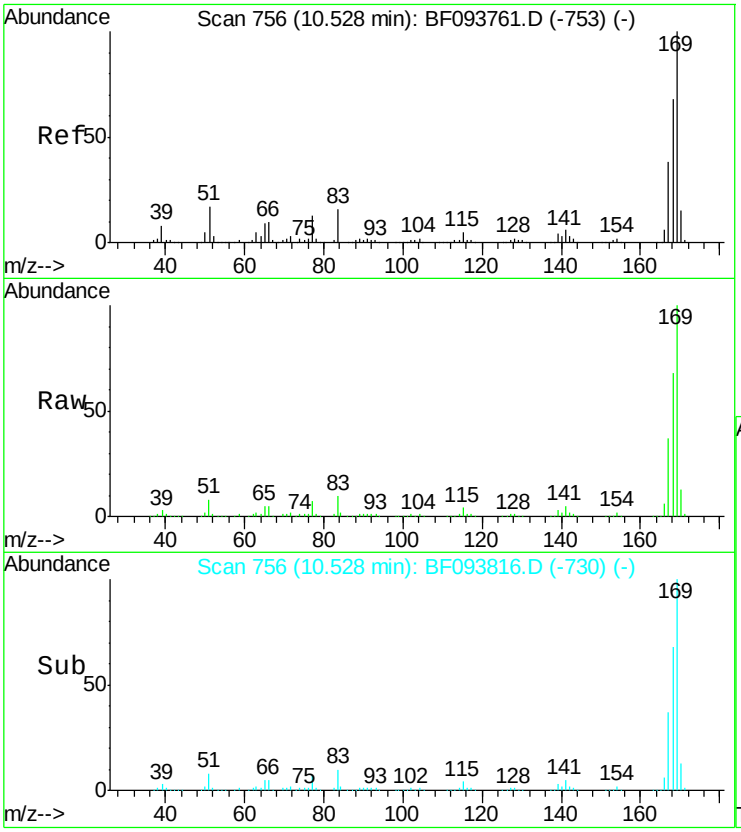




#64
4,6-Dinitro-2-methylphenol
Concen: 21.09 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:198 Resp: 67088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 19.8 | 53.2 | 93.2# |
| 105 | 27.2 | 45.8 | 85.8# |



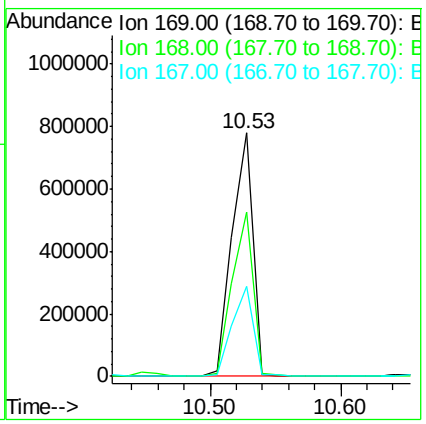


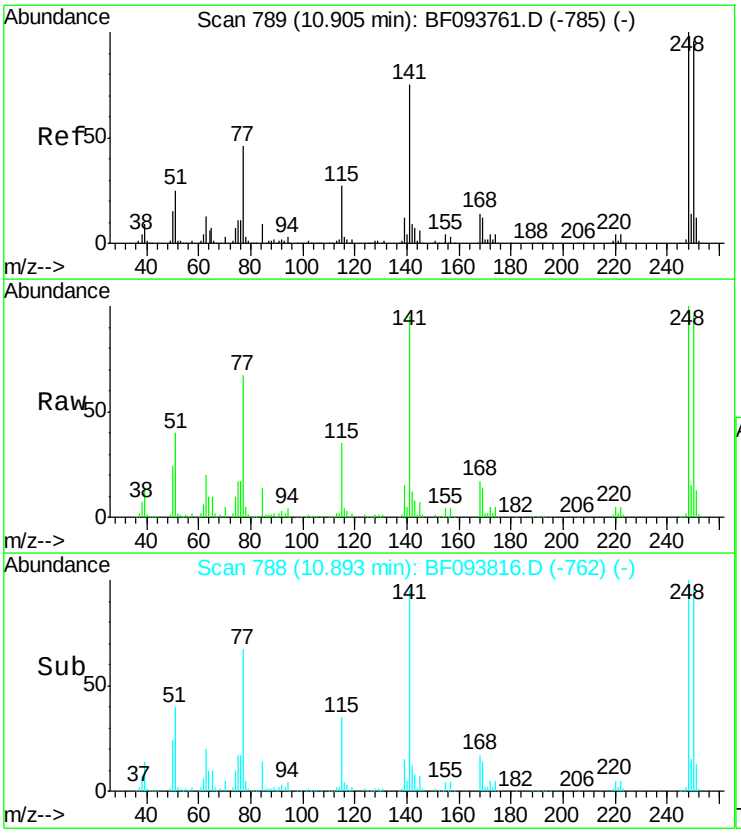

#65
n-Nitrosodiphenylamine
Concen: 46.78 ng
RT: 10.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:169 Resp: 856302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 67.5 | 53.2 | 79.8 |
| 167 | 36.7 | 29.5 | 44.3 |

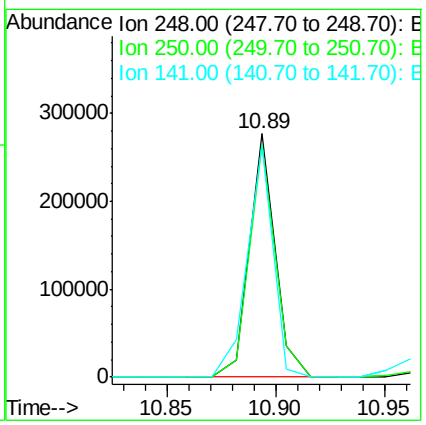


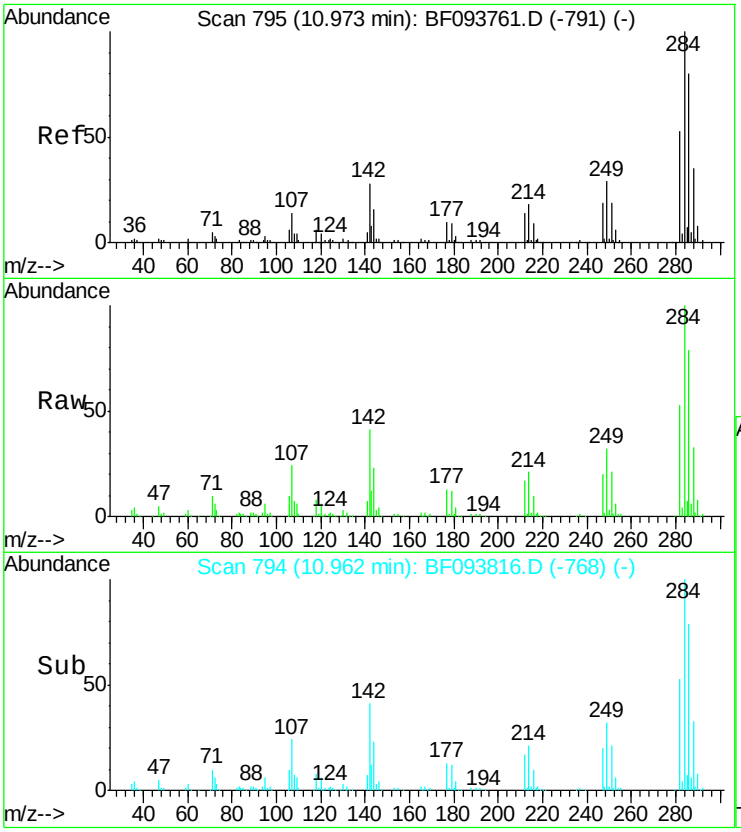




#66
4-Bromophenyl-phenylether
Concen: 43.07 ng
RT: 10.89 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:248 Resp: 227625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.9 | 76.8 | 115.2 |
| 141 | 95.5 | 68.6 | 103.0 |



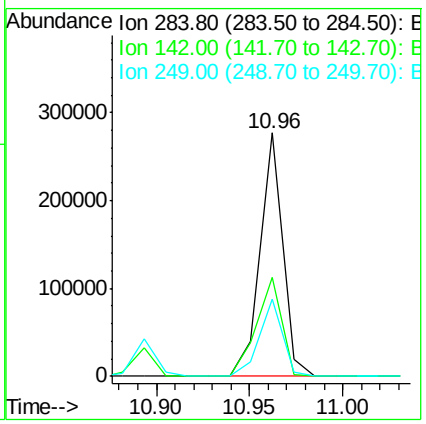


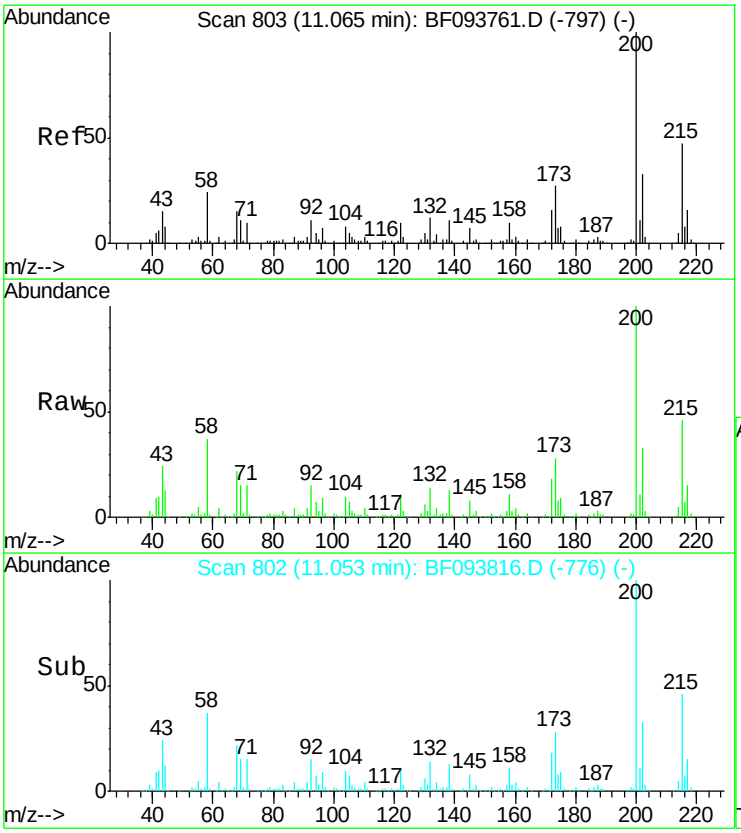

#67
Hexachlorobenzene
Concen: 42.53 ng
RT: 10.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:284 Resp: 231795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 40.5 | 22.8 | 34.2# |
| 249 | 32.0 | 24.0 | 36.0 |

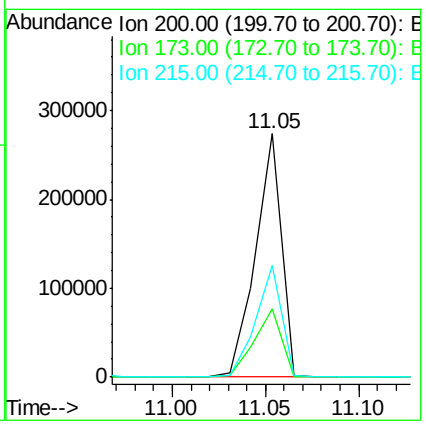


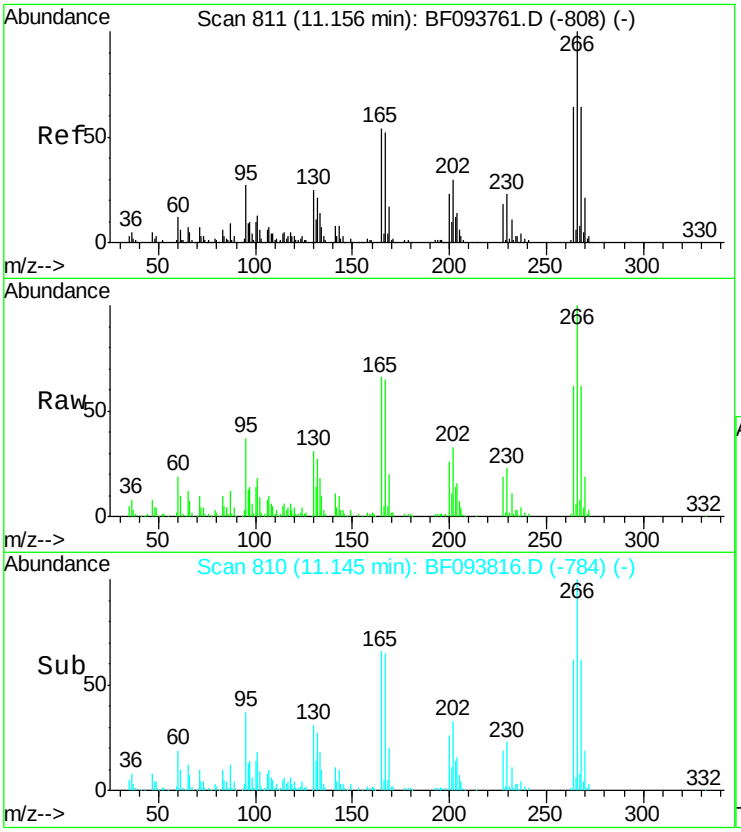




#68
Atrazine
Concen: 46.53 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:200 Resp: 261458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 28.2 | 6.3 | 46.3 |
| 215 | 45.9 | 27.2 | 67.2 |



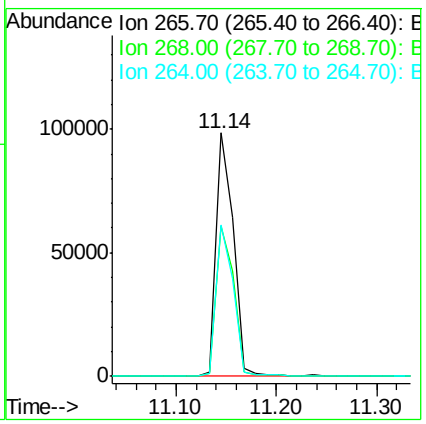


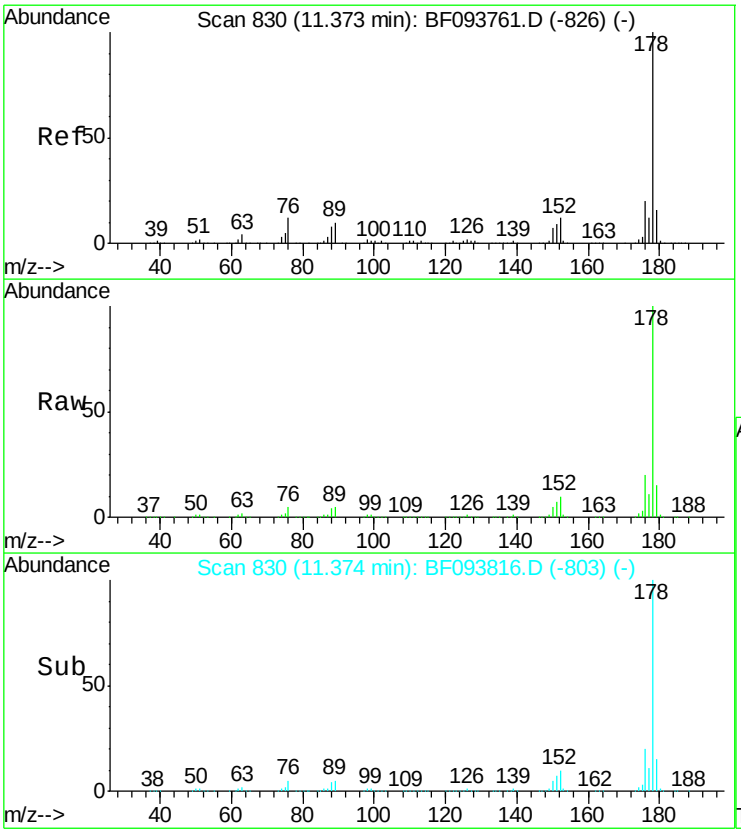

#69
Pentachlorophenol
Concen: 37.07 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:266 Resp: 118150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 61.7 | 51.1 | 76.7 |
| 264 | 62.1 | 51.7 | 77.5 |

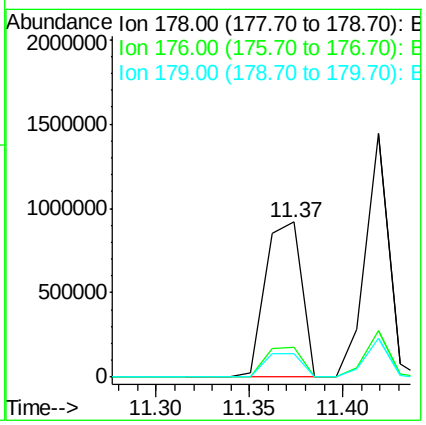


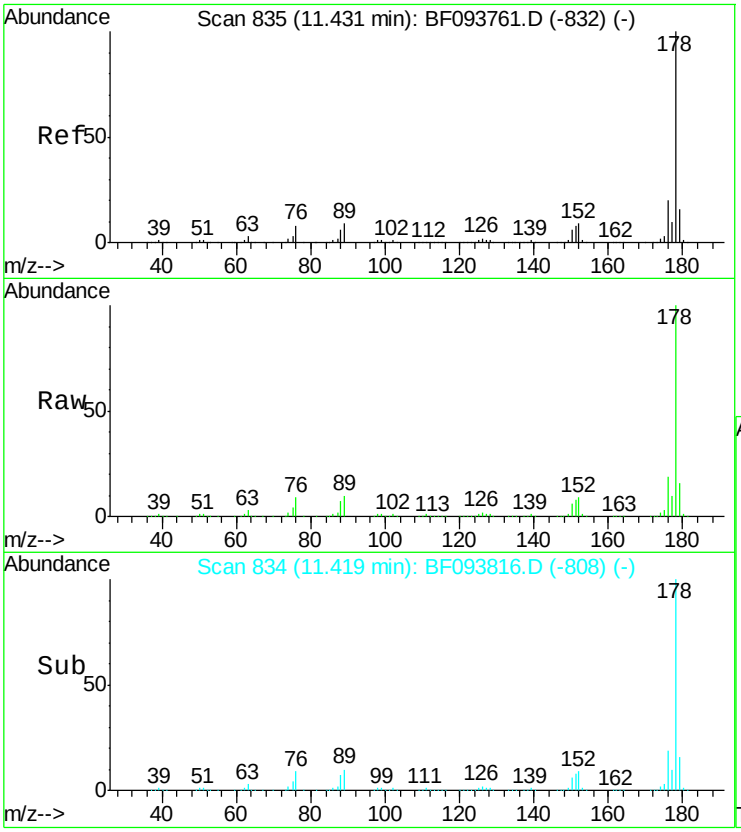




#70
Phenanthrene
Concen: 42.26 ng
RT: 11.37 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:178 Resp: 1235869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 16.2 | 24.4 |
| 179 | 15.1 | 12.6 | 19.0 |



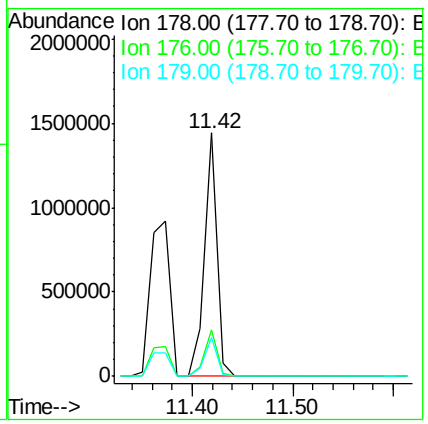


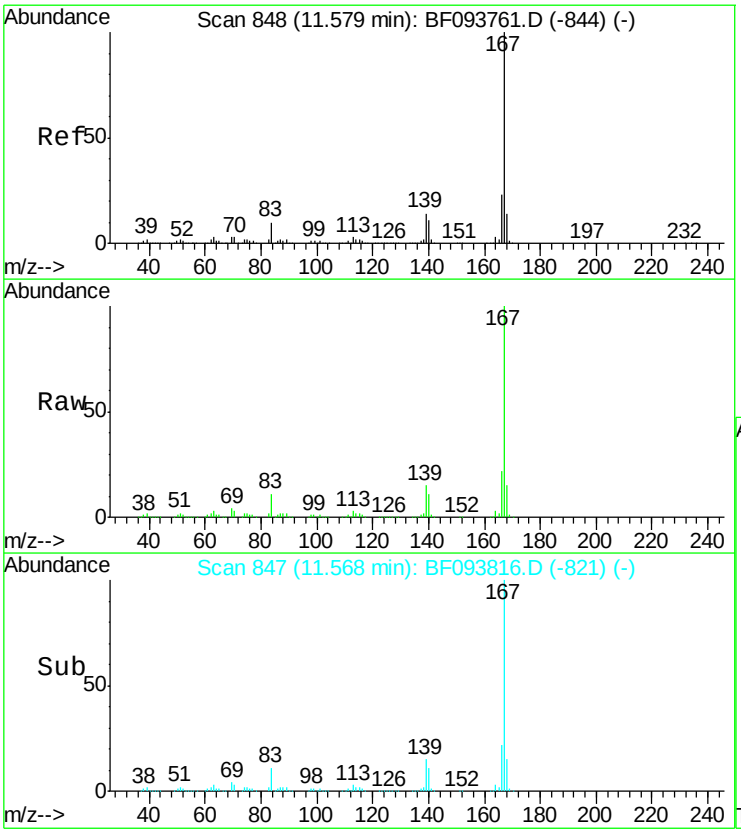

#71
Anthracene
Concen: 41.23 ng
RT: 11.42 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:178 Resp: 1241375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.8 | 23.8 |
| 179 | 15.7 | 12.7 | 19.1 |

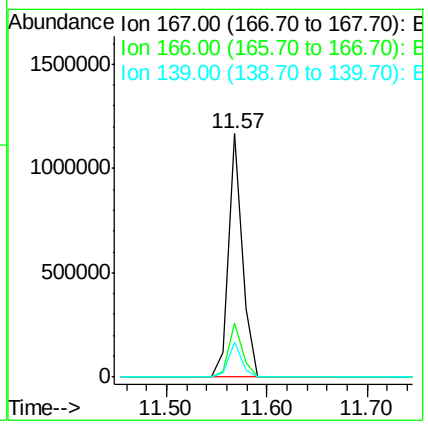


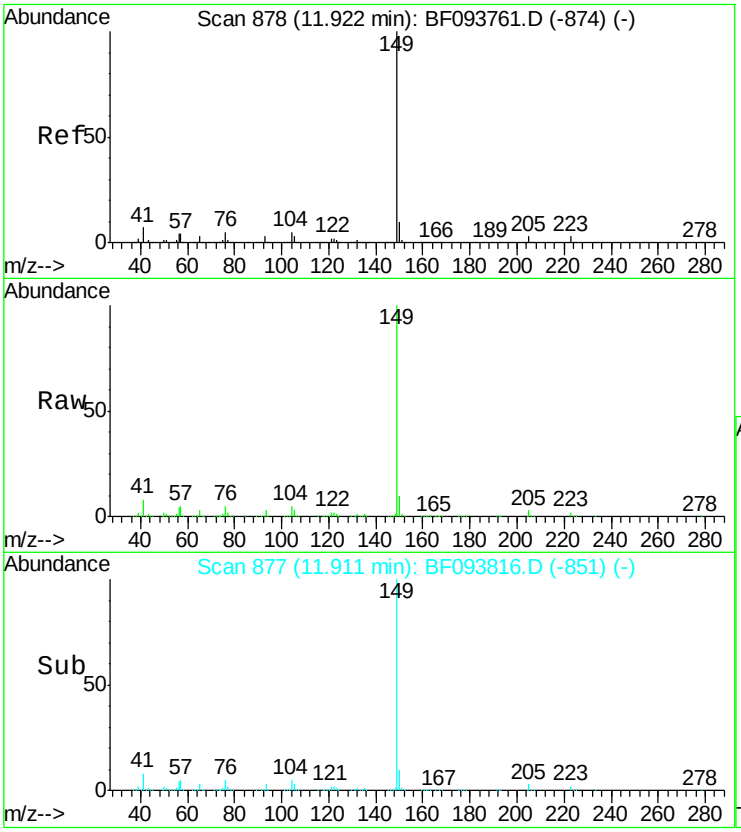




#72
Carbazole
Concen: 37.37 ng
RT: 11.57 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:167 Resp: 1113993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.4 | 18.1 | 27.1 |
| 139 | 14.5 | 11.7 | 17.5 |



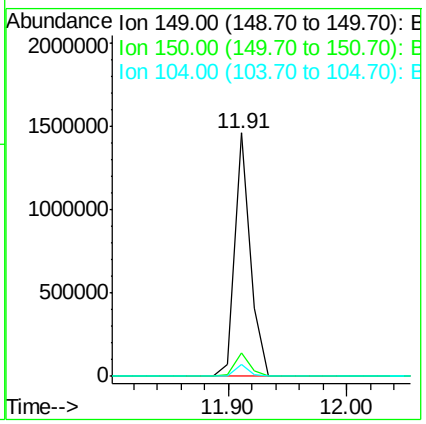


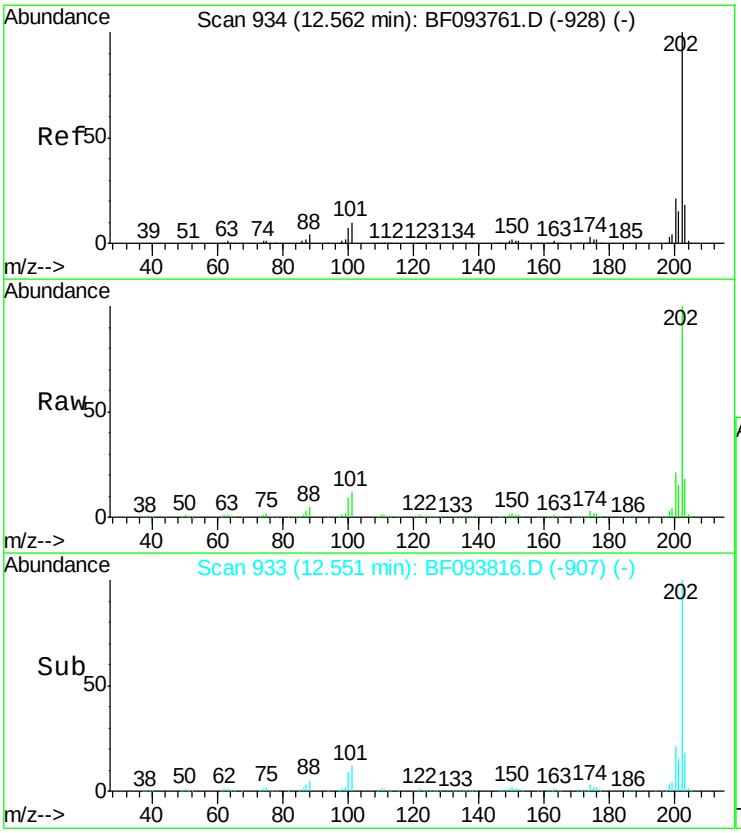

#73
Di-n-butylphthalate
Concen: 41.56 ng
RT: 11.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:149 Resp: 1333345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.8 | 7.7 | 11.5 |
| 104 | 5.0 | 4.0 | 6.0 |

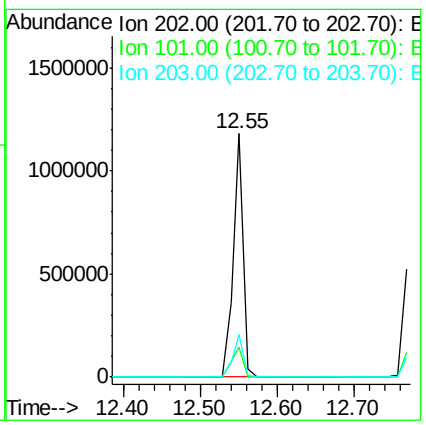


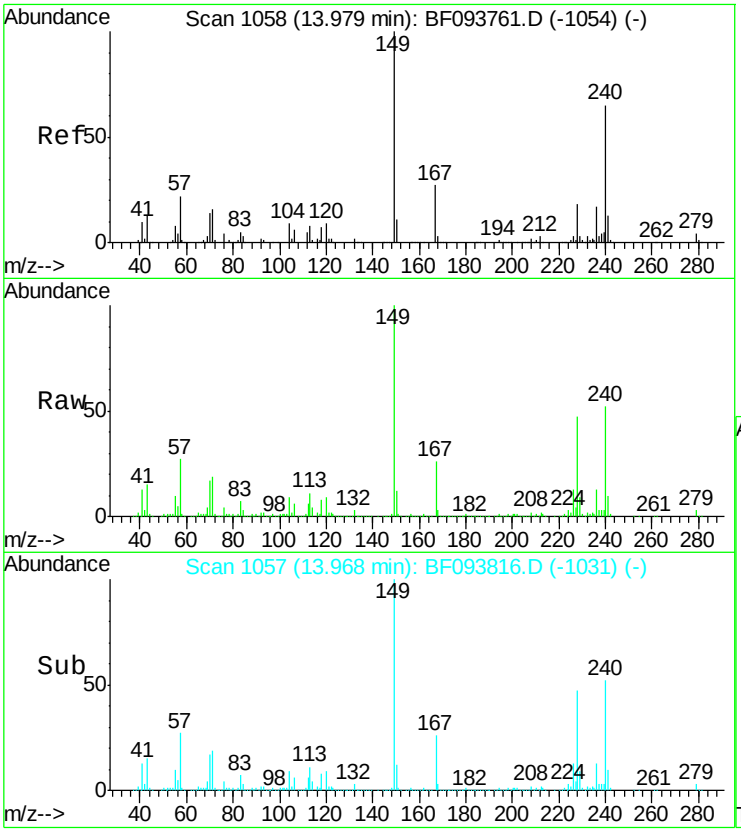




#74
Fluoranthene
Concen: 36.49 ng
RT: 12.55 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:202 Resp: 1096857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.3 | 0.0 | 33.2 |
| 203 | 17.7 | 0.0 | 38.1 |



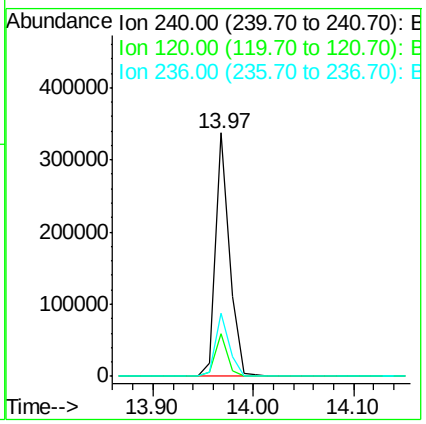


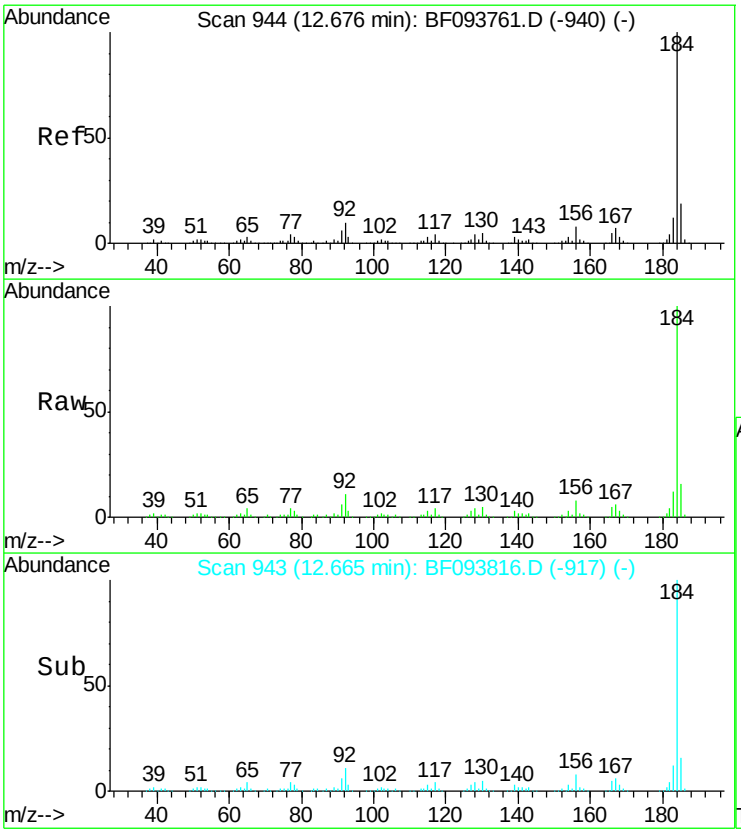

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:240 Resp: 324639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 17.3 | 5.8 | 8.8# |
| 236 | 25.7 | 20.5 | 30.7 |

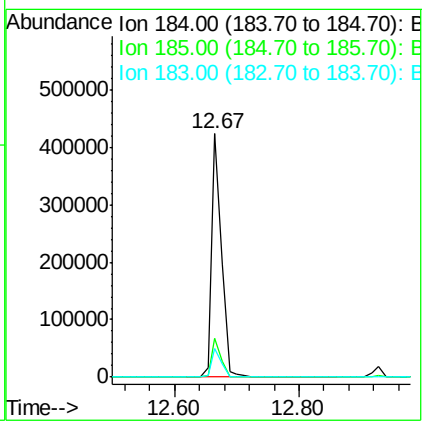


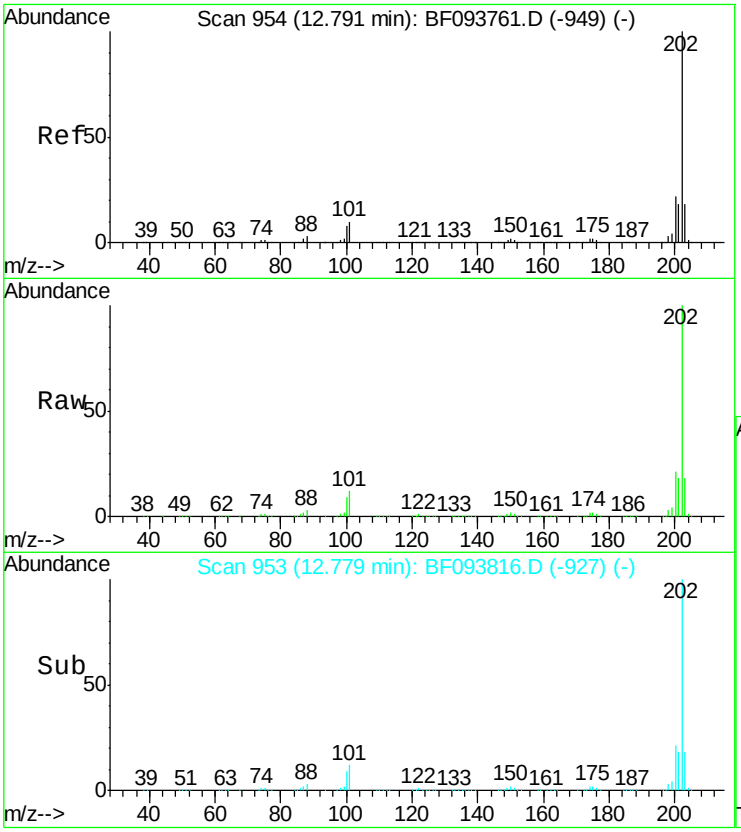




#76
Benzidine
Concen: 32.08 ng
RT: 12.67 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:184 Resp: 456911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.8 | 15.5 | 23.3 |
| 183 | 12.0 | 9.8 | 14.6 |



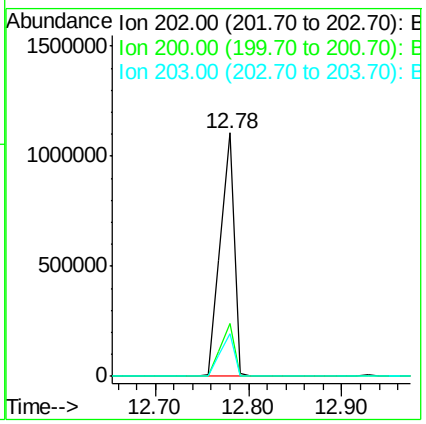


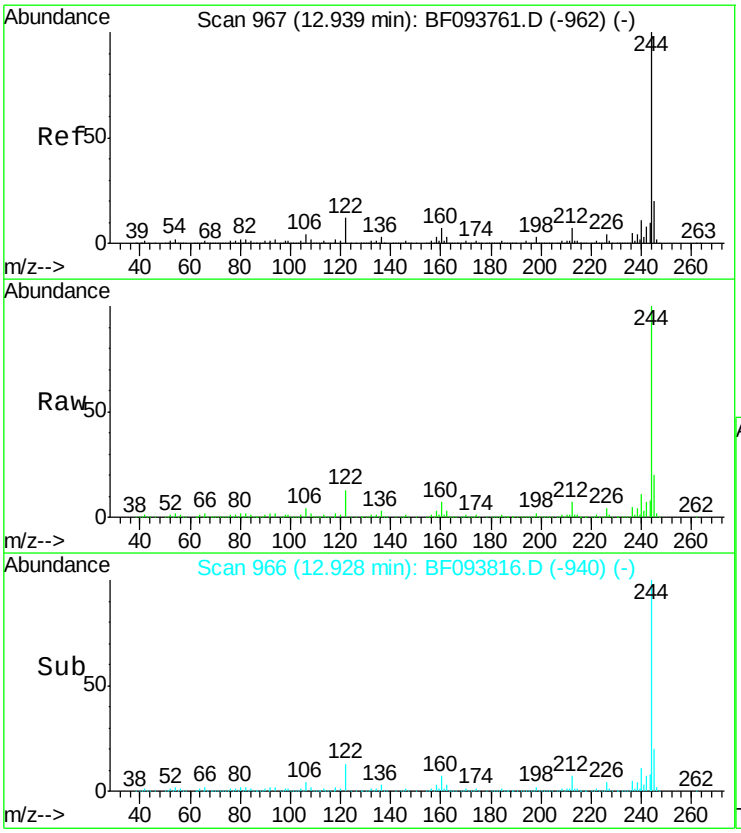

#77
Pyrene
Concen: 42.23 ng
RT: 12.78 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:202 Resp: 1140936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.5 | 17.6 | 26.4 |
| 203 | 17.5 | 14.4 | 21.6 |

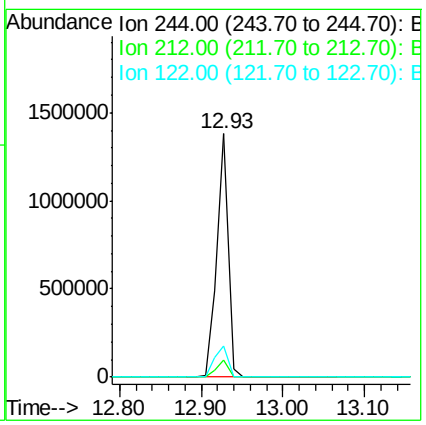


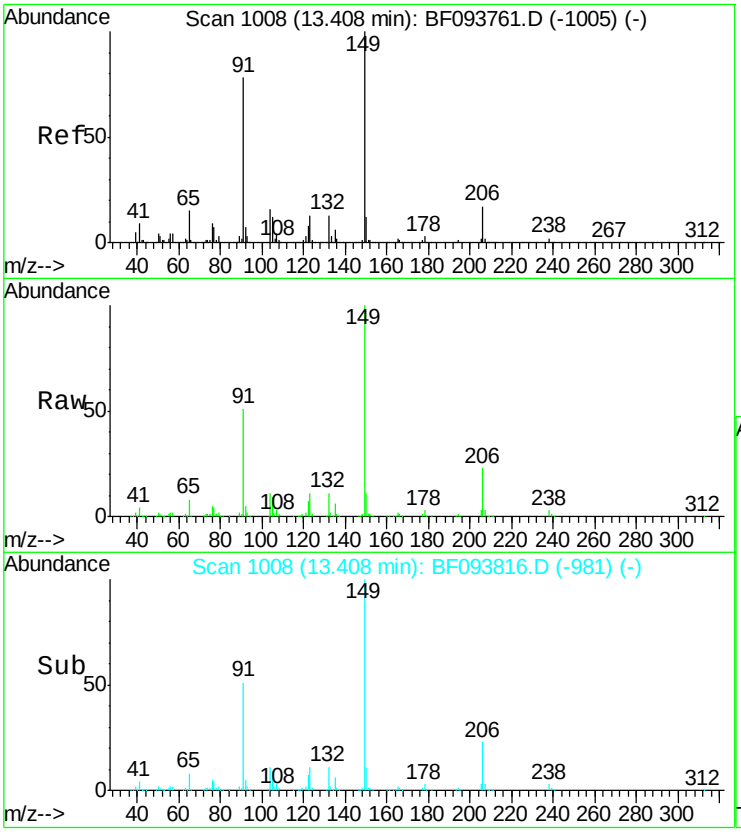




#78
Terphenyl-d14
Concen: 83.37 ng
RT: 12.93 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:244 Resp: 1327530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 6.0 | 9.0 |
| 122 | 12.6 | 10.3 | 15.5 |



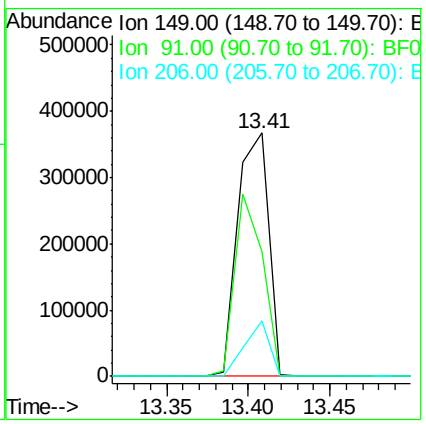


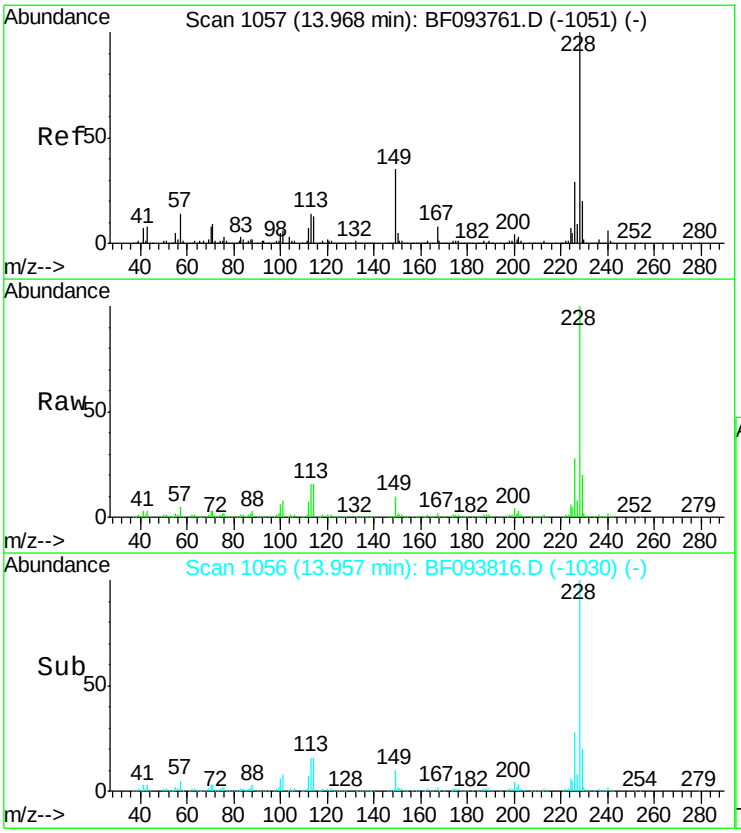

#79
Butylbenzylphthalate
Concen: 39.72 ng
RT: 13.41 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:149 Resp: 479602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 51.3 | 45.0 | 67.4 |
| 206 | 22.7 | 17.0 | 25.6 |

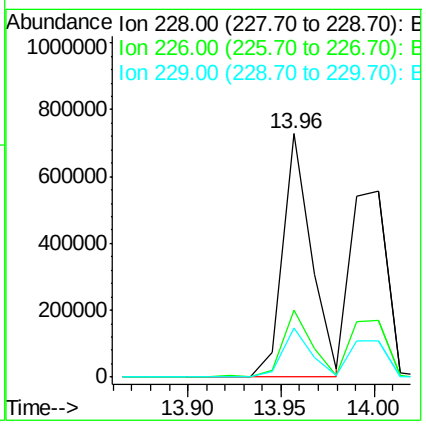


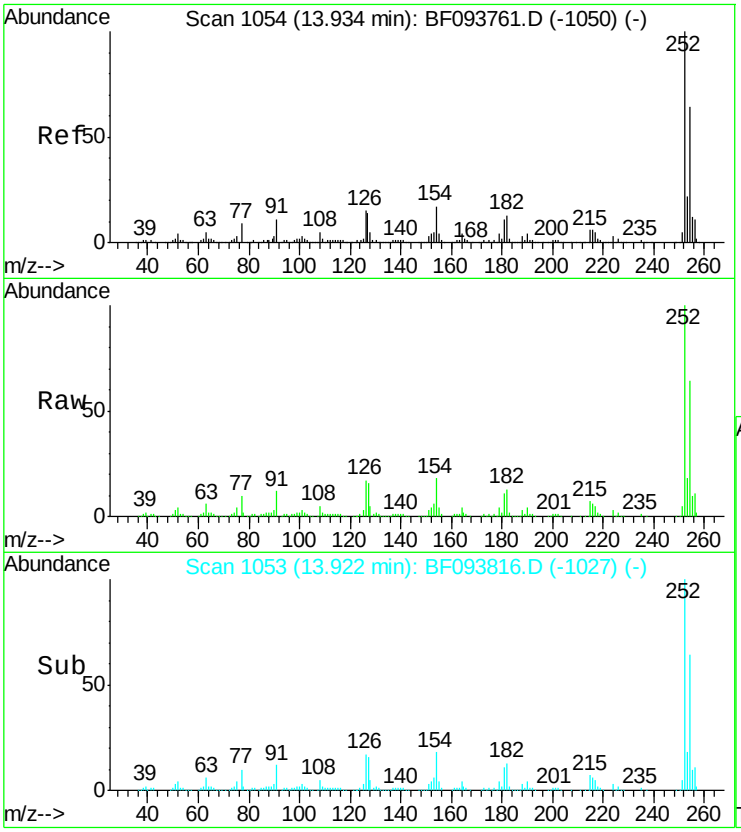




#80
Benzo(a)anthracene
Concen: 38.18 ng
RT: 13.96 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:228 Resp: 776445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 22.6 | 33.8 |
| 229 | 20.1 | 16.3 | 24.5 |



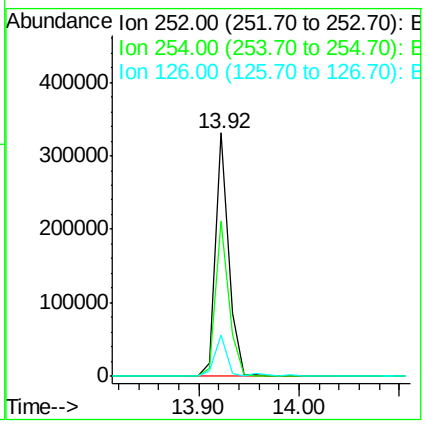


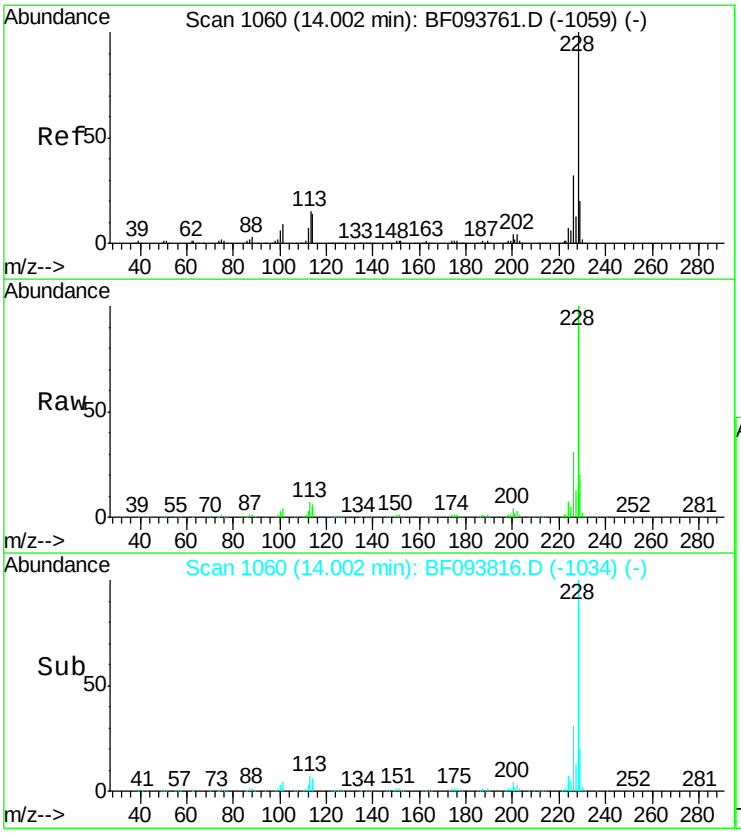

#81
3,3'-Dichlorobenzidine
Concen: 39.57 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:252 Resp: 303191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 63.9 | 51.5 | 77.3 |
| 126 | 17.0 | 15.8 | 23.8 |

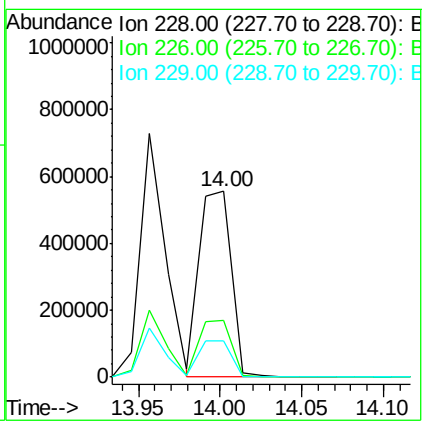


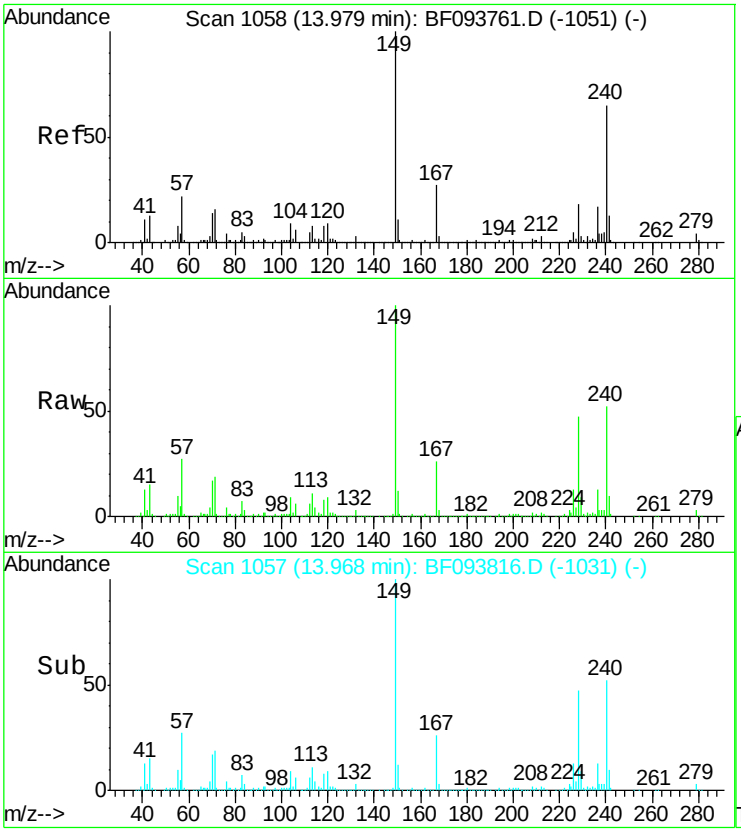




#82
Chrysene
Concen: 37.73 ng
RT: 14.00 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:228 Resp: 766469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.8 | 24.9 | 37.3 |
| 229 | 19.6 | 15.8 | 23.6 |



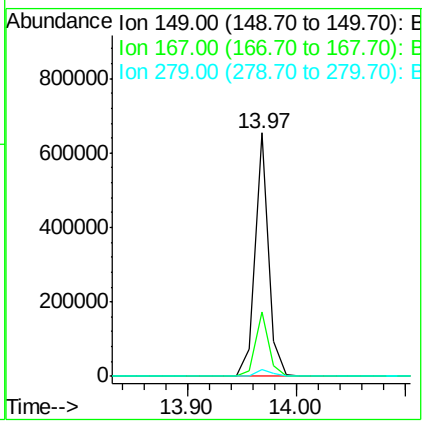


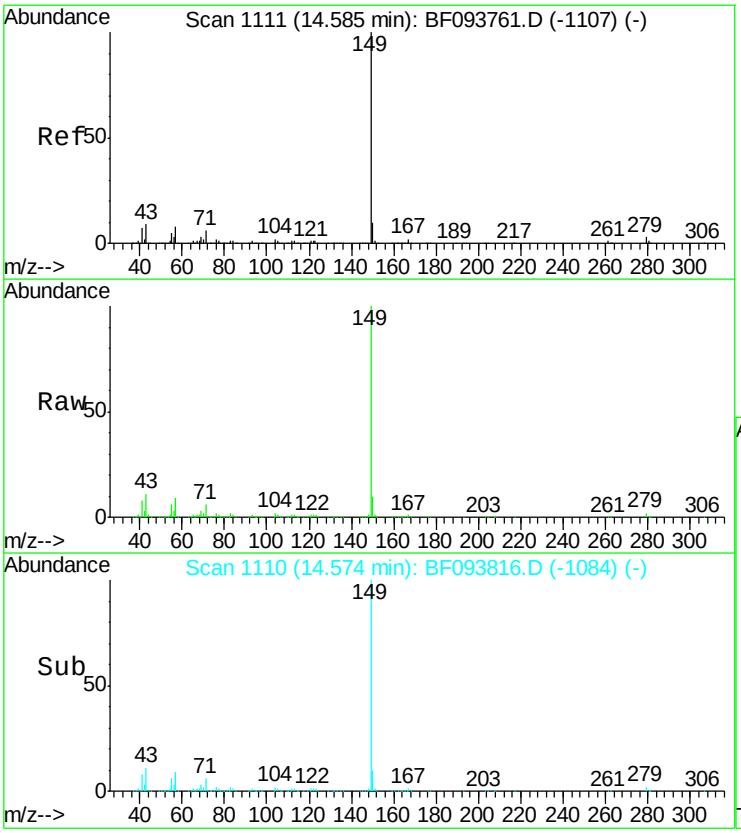

#83
Bis(2-ethylhexyl)phthalate
Concen: 39.14 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:149 Resp: 569155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.5 | 21.0 | 31.4 |
| 279 | 2.6 | 1.9 | 2.9 |

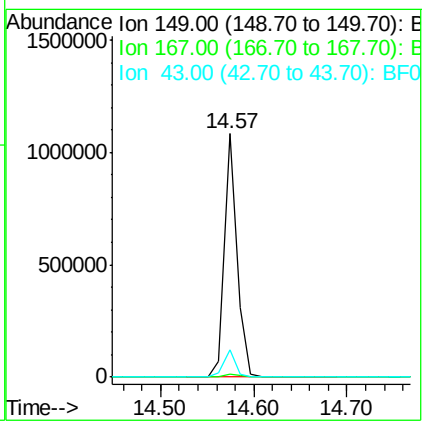


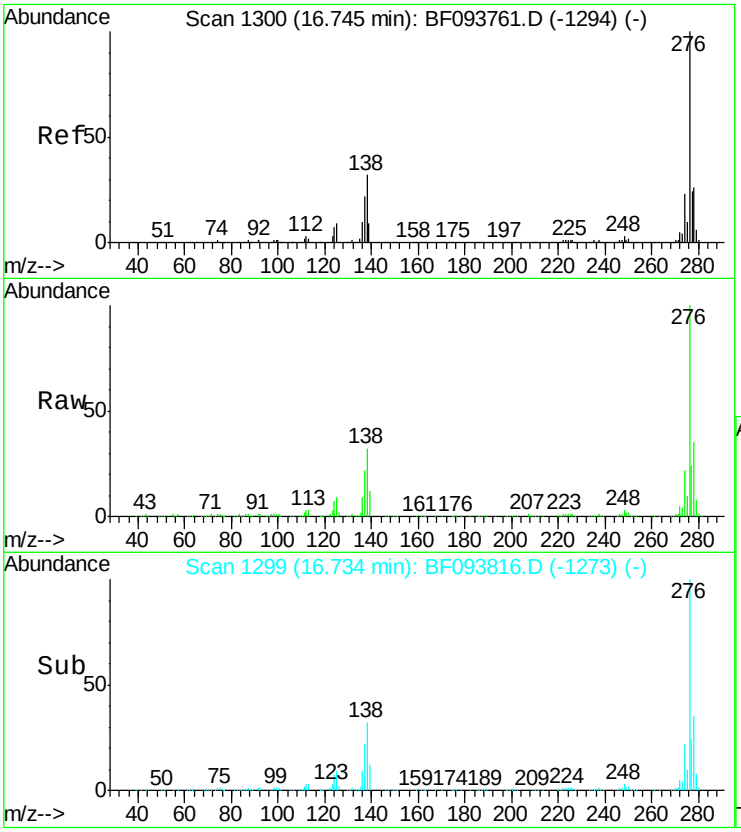




#84
Di-n-octyl phthalate
Concen: 38.35 ng
RT: 14.57 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:149 Resp: 1017613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 10.4 | 8.5 | 12.7 |



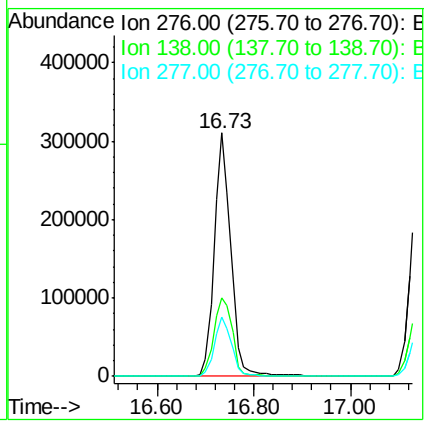


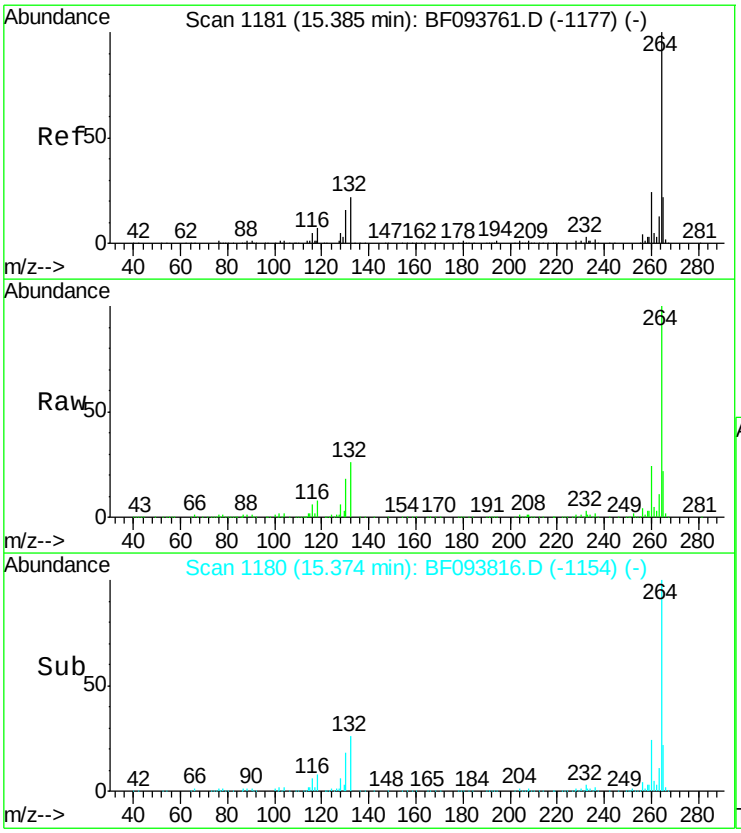

#85
Indeno(1,2,3-cd)pyrene
Concen: 45.07 ng
RT: 16.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:276 Resp: 749845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 36.5 | 27.8 | 41.6 |
| 277 | 25.1 | 20.2 | 30.4 |

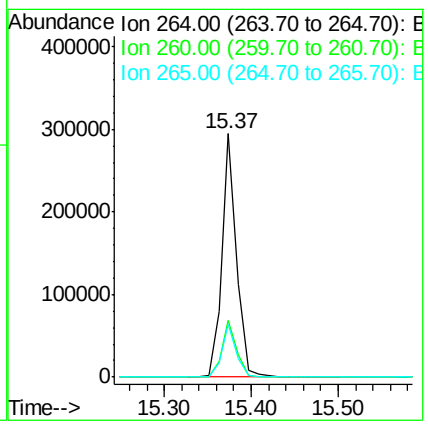


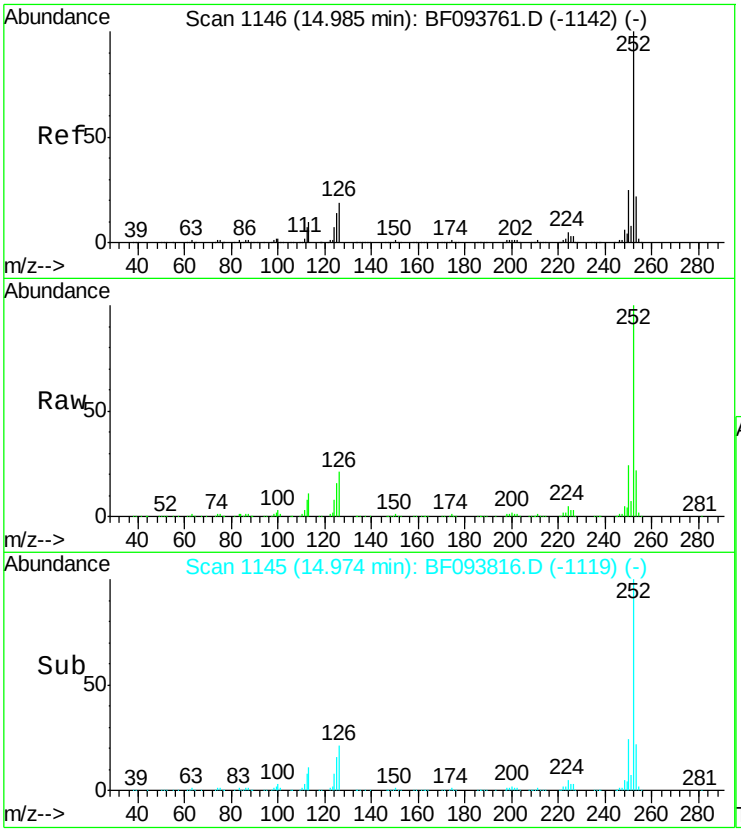




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:264 Resp: 347330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 19.5 | 29.3 |
| 265 | 21.6 | 17.2 | 25.8 |



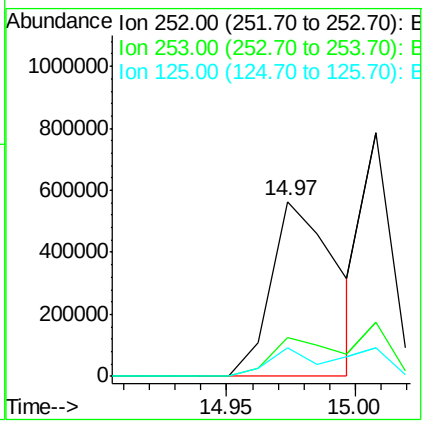


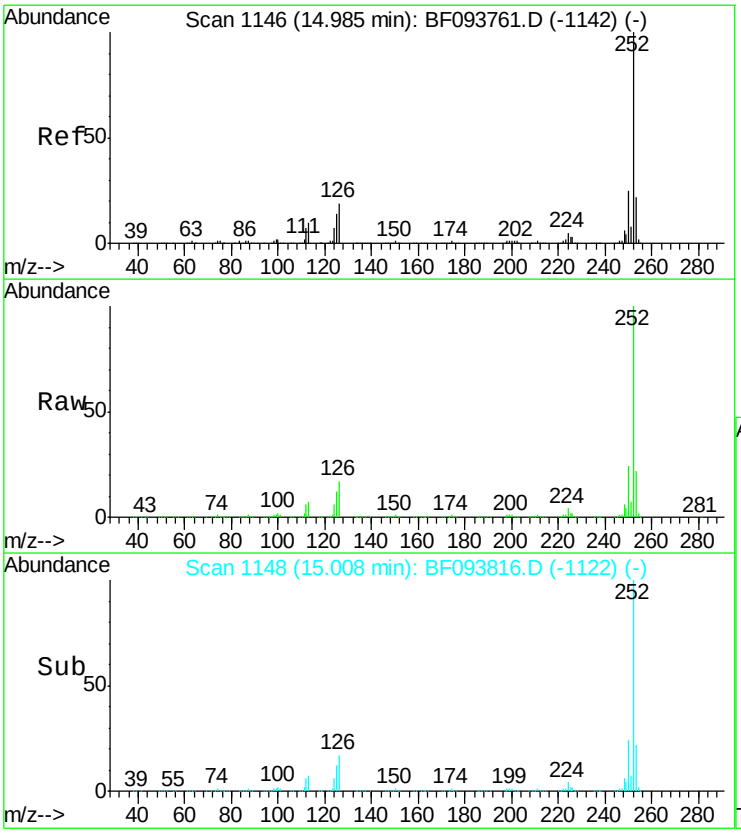

#87
Benzo(b)fluoranthene
Concen: 42.45 ng m
RT: 14.97 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:252 Resp: 994084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 18.1 | 27.1 |
| 125 | 16.1 | 9.8 | 14.8# |

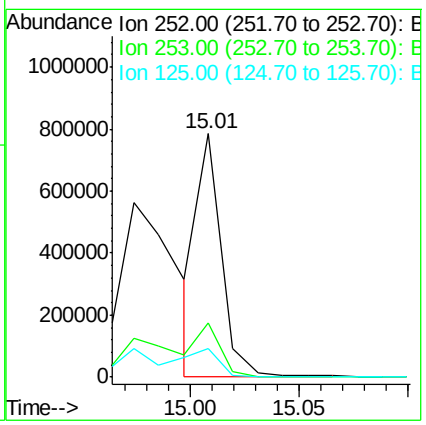


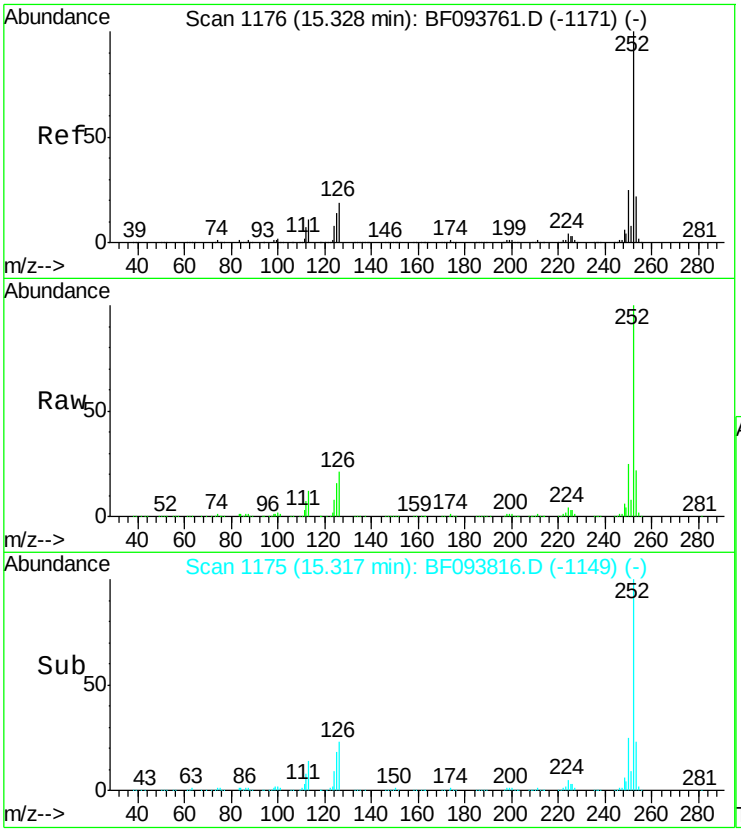




#88
Benzo(k)fluoranthene
Concen: 36.03 ng m
RT: 15.01 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:252 Resp: 623005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.4 | 27.6 |
| 125 | 11.9 | 13.1 | 19.7# |



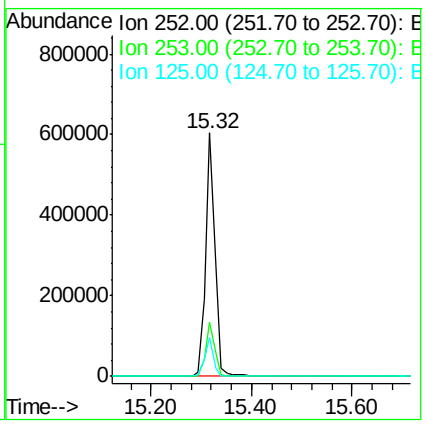


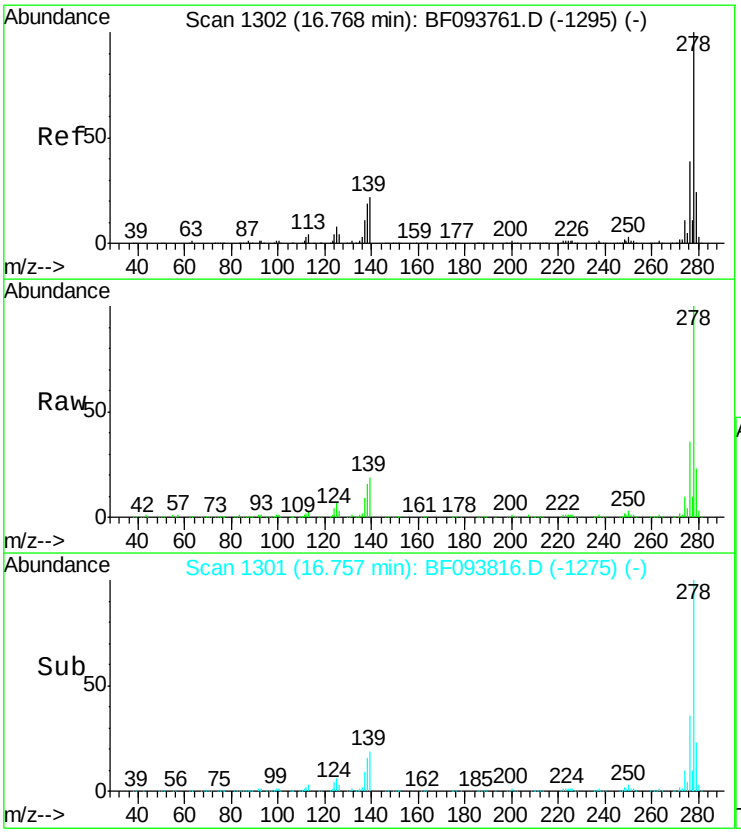

#89
Benzo(a)pyrene
Concen: 40.72 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:252 Resp: 773127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.2 | 17.5 | 26.3 |
| 125 | 15.8 | 11.0 | 16.4 |

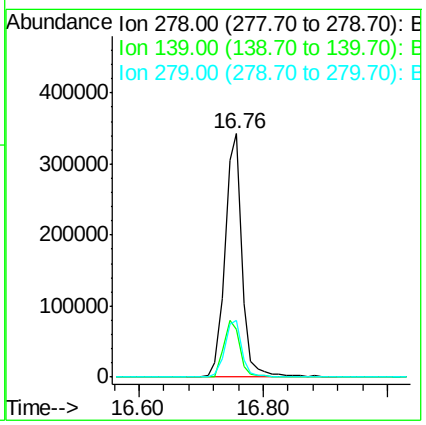


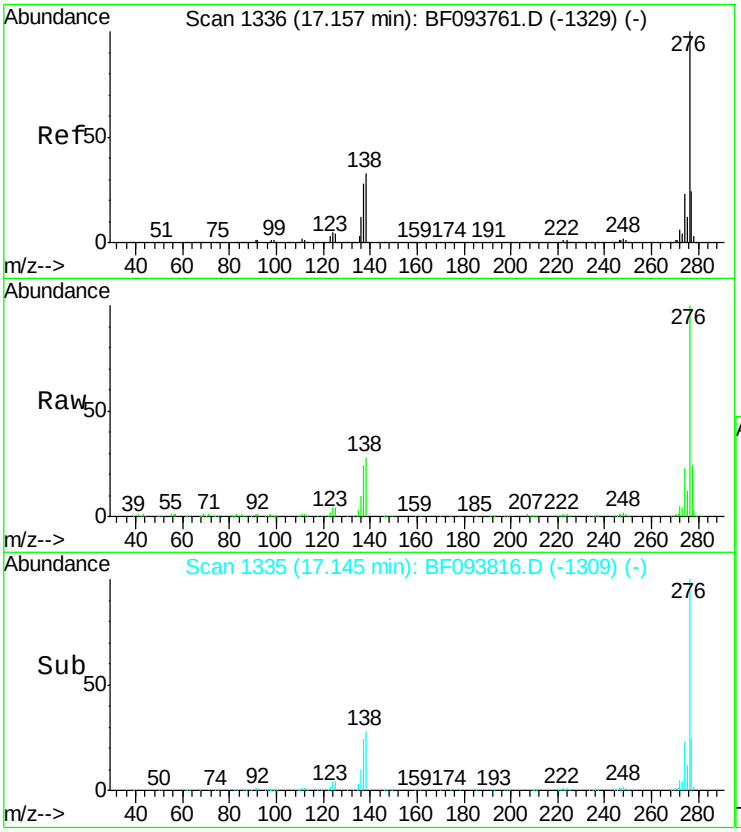




#90
Dibenzo(a,h)anthracene
Concen: 41.17 ng
RT: 16.76 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

Tgt Ion:278 Resp: 649122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 19.4 | 16.6 | 24.8 |
| 279 | 23.4 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 38.93 ng
RT: 17.15 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF093816.D
Acq: 22 Mar 2017 5:00

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

Tgt Ion:276 Resp: 609126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.1 | 18.6 | 28.0 |
| 138 | 28.5 | 25.4 | 38.0 |