Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092348.D
Acq On : 18 Jan 2017 13:32
Operator : UM/SJ
Sample : I1246-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ROW-SP-0-2-COMPMSD

Quant Time: Jan 19 10:52:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 10:40:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.54 | 152 | 137858m | 20.00 | ng | | -0.10 |
| 21) Naphthalene-d8 | 7.83 | 136 | 584659 | 20.00 | ng | | -0.10 |
| 38) Acenaphthene-d10 | 9.58 | 164 | 379727 | 20.00 | ng | | -0.10 |
| 63) Phenanthrene-d10 | 11.06 | 188 | 571041 | 20.00 | ng | | -0.10 |
| 75) Chrysene-d12 | 13.69 | 240 | 328905 | 20.00 | ng | | -0.10 |
| 86) Perylene-d12 | 15.03 | 264 | 124761 | 20.00 | ng | | -0.11 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.15 | 112 | 1265224 | 153.24 | ng | | -0.09 |
| 7) Phenol-d6 | 6.22 | 99 | 1546296 | 153.40 | ng | | -0.09 |
| 23) Nitrobenzene-d5 | 7.11 | 82 | 1038336 | 98.75 | ng | | -0.10 |
| 41) 2,4,6-Tribromophenol | 10.37 | 330 | 403990 | 128.56 | ng | | -0.10 |
| 44) 2-Fluorobiphenyl | 8.92 | 172 | 2134699 | 120.58 | ng | | -0.09 |
| 78) Terphenyl-d14 | 12.65 | 244 | 1701508 | 125.47 | ng | | -0.10 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.10 | 88 | 176282 | 43.37 | ng | # | 84 |
| 3) Pyridine | 2.77 | 79 | 189417m | 13.35 | ng | | |
| 4) n-Nitrosodimethylamine | 2.63 | 42 | 214682 | 40.12 | ng | | 97 |
| 6) Aniline | 6.23 | 93 | 44381m | 3.39 | ng | | |
| 8) 2-Chlorophenol | 6.34 | 128 | 456640 | 48.62 | ng | | 94 |
| 9) Benzaldehyde | 6.11 | 77 | 25560 | 3.17 | ng | | 96 |
| 10) Phenol | 6.23 | 94 | 525931 | 45.79 | ng | # | 65 |
| 11) bis(2-Chloroethyl)ether | 6.29 | 93 | 480065 | 52.53 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.48 | 146 | 481181m | 47.99 | ng | | |
| 13) 1,4-Dichlorobenzene | 6.56 | 146 | 445011m | 43.61 | ng | | |
| 14) 1,2-Dichlorobenzene | 6.71 | 146 | 421297 | 47.58 | ng | | 98 |
| 15) Benzyl Alcohol | 6.71 | 79 | 135023 | 17.24 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.84 | 45 | 615753 | 45.24 | ng | # | 41 |
| 17) 2-Methylphenol | 7.00 | 107 | 448629 | 59.40 | ng | # | 74 |
| 18) Hexachloroethane | 7.04 | 117 | 167915m | 44.38 | ng | | |
| 19) n-Nitroso-di-n-propylamine | 6.98 | 70 | 323588 | 48.25 | ng | | 97 |
| 20) 3+4-Methylphenols | 7.00 | 107 | 448629 | 49.80 | ng | # | 71 |
| 22) Acetophenone | 6.96 | 105 | 635026 | 44.04 | ng | | 93 |
| 24) Nitrobenzene | 7.14 | 77 | 490233 | 43.78 | ng | | 96 |
| 25) Isophorone | 7.38 | 82 | 858774 | 44.27 | ng | # | 93 |
| 26) 2-Nitrophenol | 7.46 | 139 | 242271 | 43.87 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 7.51 | 122 | 357606 | 39.04 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.59 | 93 | 397080 | 33.76 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.72 | 162 | 359913 | 46.40 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 7.78 | 180 | 381833 | 44.93 | ng | | 95 |
| 31) Naphthalene | 7.86 | 128 | 1307229 | 48.85 | ng | | 98 |
| 32) Benzoic acid | 7.67 | 122 | 250478 | 36.87 | ng | | 98 |
| 34) Hexachlorobutadiene | 7.97 | 225 | 207571 | 46.27 | ng | | 99 |
| 35) Caprolactam | 8.29 | 113 | 97443m | 38.23 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.43 | 107 | 472267 | 52.92 | ng | | 90 |
| 37) 2-Methylnaphthalene | 8.54 | 142 | 1029449 | 56.10 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.71 | 216 | 444389 | 46.32 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.70 | 237 | 292915 | 69.12 | ng | | 98 |
| 42) 2,4,6-Trichlorophenol | 8.84 | 196 | 298436 | 44.48 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092348.D
Acq On : 18 Jan 2017 13:32
Operator : UM/SJ
Sample : I1246-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** ROW-SP-0-2-COMPMSD

Quant Time: Jan 19 10:52:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 10:40:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 8.88 | 196 | 276879 | 40.10 | ng | | 94 |
| 45) 1,1'-Biphenyl | 9.01 | 154 | 1269582 | 48.83 | ng | | 97 |
| 46) 2-Chloronaphthalene | 9.03 | 162 | 976725 | 47.44 | ng | | 99 |
| 47) 2-Nitroaniline | 9.14 | 65 | 162561 | 22.17 | ng | | 93 |
| 48) Acenaphthylene | 9.44 | 152 | 1314510 | 41.51 | ng | | 98 |
| 49) Dimethylphthalate | 9.32 | 163 | 1106154 | 45.55 | ng | | 98 |
| 50) 2,6-Dinitrotoluene | 9.39 | 165 | 264761 | 49.81 | ng | | 97 |
| 51) Acenaphthene | 9.62 | 154 | 937403 | 43.66 | ng | | 99 |
| 52) 3-Nitroaniline | 9.56 | 138 | 26629 | 4.05 | ng | # | 90 |
| 53) 2,4-Dinitrophenol | 9.67 | 184 | 263373 | 89.04 | ng | # | 89 |
| 54) Dibenzofuran | 9.79 | 168 | 1305417 | 45.03 | ng | | 96 |
| 55) 4-Nitrophenol | 9.75 | 139 | 218525m | 48.92 | ng | | |
| 56) 2,4-Dinitrotoluene | 9.79 | 165 | 281496 | 42.19 | ng | # | 57 |
| 57) Fluorene | 10.13 | 166 | 991828 | 47.02 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.91 | 232 | 232344 | 42.54 | ng | | 97 |
| 59) Diethylphthalate | 10.02 | 149 | 1010921 | 42.86 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 10.12 | 204 | 419430 | 45.41 | ng | | 100 |
| 61) 4-Nitroaniline | 10.16 | 138 | 90766 | 13.31 | ng | | 82 |
| 62) Azobenzene | 10.28 | 77 | 1042495 | 40.14 | ng | | 97 |
| 64) 4,6-Dinitro-2-methylphenol | 10.20 | 198 | 174606 | 50.57 | ng | | 70 |
| 65) n-Nitrosodiphenylamine | 10.24 | 169 | 220296 | 13.00 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.61 | 248 | 305824 | 51.48 | ng | # | 88 |
| 67) Hexachlorobenzene | 10.68 | 284 | 297624 | 46.87 | ng | # | 85 |
| 69) Pentachlorophenol | 10.87 | 266 | 251755 | 80.81 | ng | | 98 |
| 70) Phenanthrene | 11.08 | 178 | 1389581 | 44.88 | ng | | 99 |
| 71) Anthracene | 11.14 | 178 | 1473230 | 61.04 | ng | | 98 |
| 72) Carbazole | 11.30 | 167 | 169945 | 4.85 | ng | | 96 |
| 73) Di-n-butylphthalate | 11.64 | 149 | 1704023 | 59.39 | ng | # | 97 |
| 74) Fluoranthene | 12.26 | 202 | 1309108 | 48.49 | ng | | 98 |
| 77) Pyrene | 12.49 | 202 | 1177306 | 48.79 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.13 | 149 | 618548 | 56.36 | ng | # | 77 |
| 80) Benzo(a)anthracene | 13.67 | 228 | 999207 | 53.82 | ng | | 99 |
| 82) Chrysene | 13.71 | 228 | 801894 | 43.06 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.69 | 149 | 799523 | 61.86 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.29 | 149 | 1277131 | 53.34 | ng | | 98 |
| 85) Indeno(1,2,3-cd)pyrene | 16.26 | 276 | 834425 | 51.72 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 14.68 | 252 | 1141851m | 147.00 | ng | | |
| 88) Benzo(k)fluoranthene | 14.70 | 252 | 598904m | 90.42 | ng | | |
| 89) Benzo(a)pyrene | 14.98 | 252 | 642582 | 93.21 | ng | # | 96 |
| 90) Dibenzo(a,h)anthracene | 16.26 | 278 | 854818 | 150.85 | ng | | 98 |
| 91) Benzo(g,h,i)perylene | 16.61 | 276 | 724191 | 122.91 | ng | # | 93 |

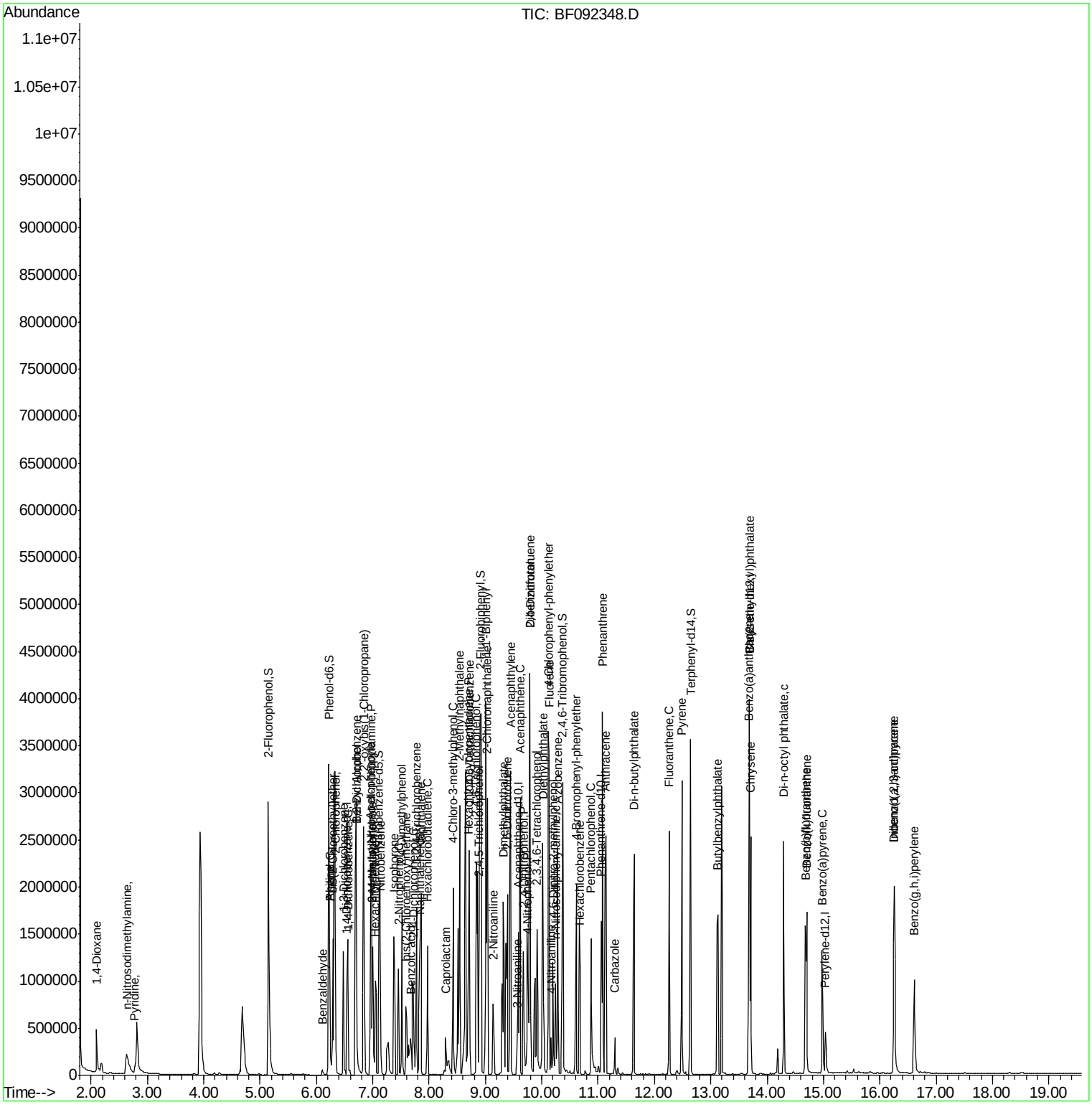
(#) = qualifier out of range (m) = manual integration (+) = signals summed

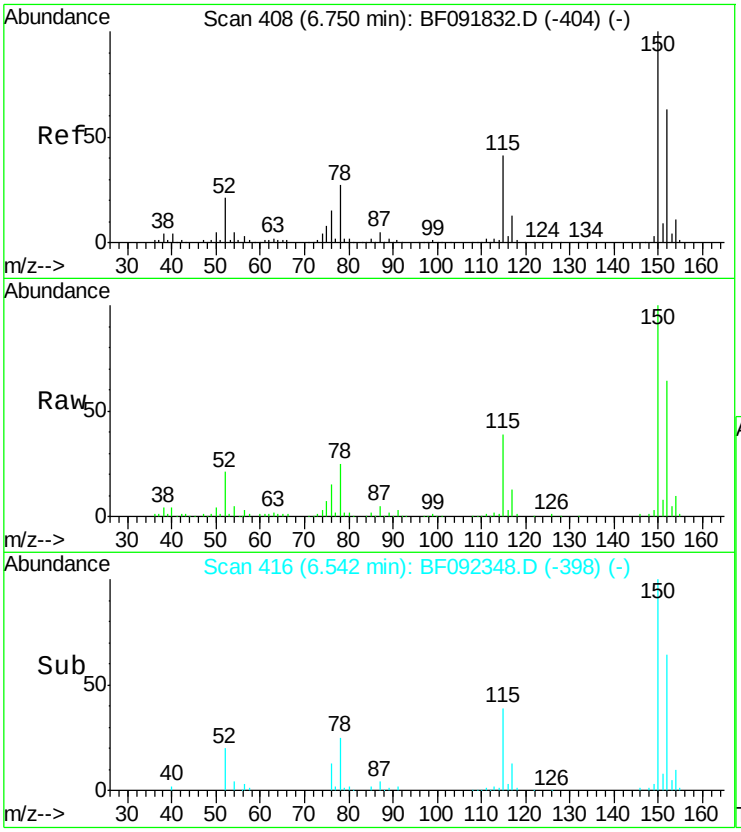
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092348.D
Acq On : 18 Jan 2017 13:32
Operator : UM/SJ
Sample : I1246-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Quant Time: Jan 19 10:52:33 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 10:40:58 2017
Response via : Initial Calibration



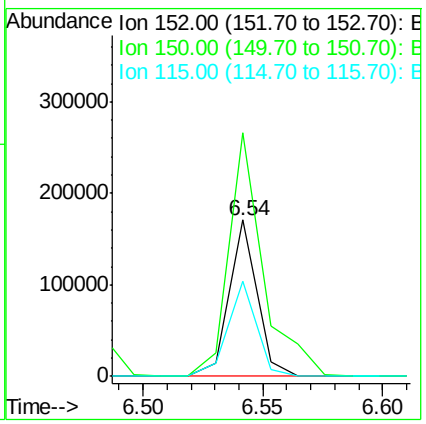


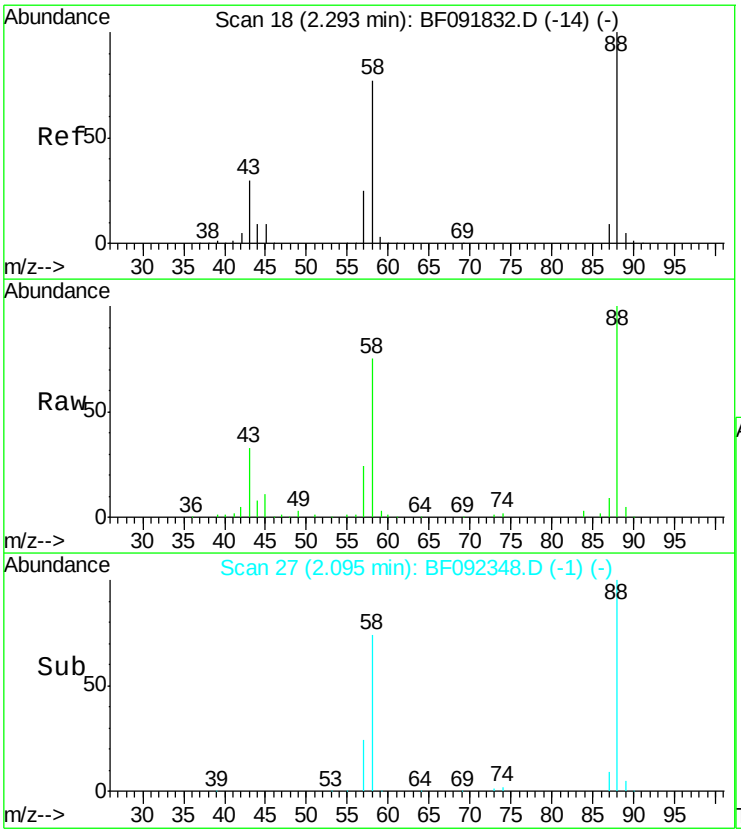

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.54 min Scan# 416
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:152 Resp: 137858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.0 | 124.9 | 187.3 |
| 115 | 61.2 | 46.0 | 69.0 |

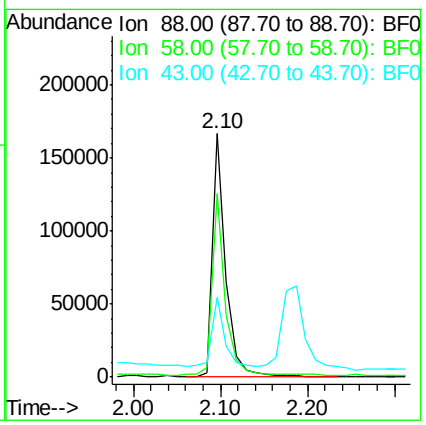


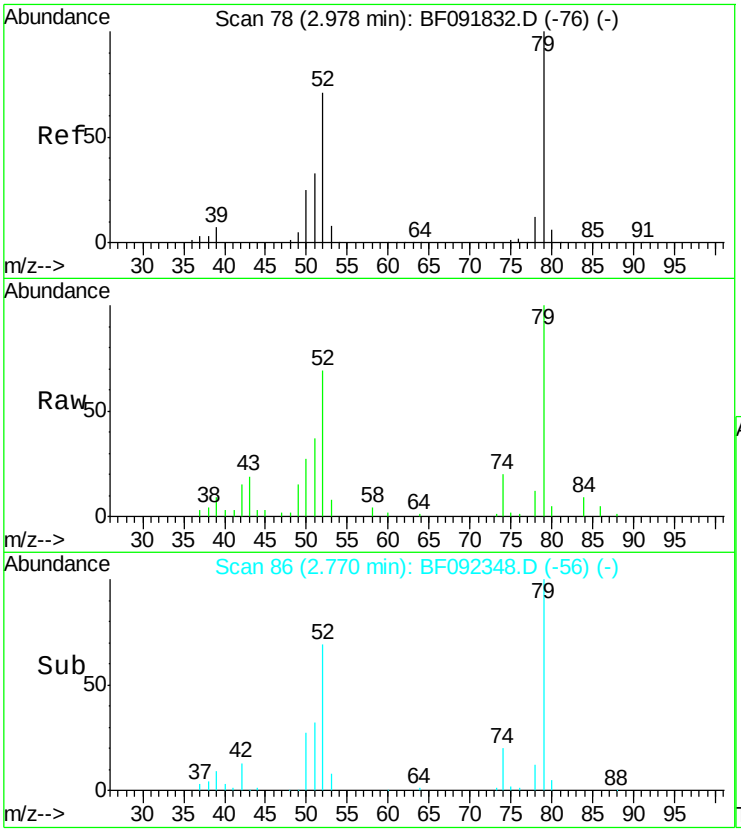




#2
1,4-Dioxane
Concen: 43.37 ng
RT: 2.10 min Scan# 27
Delta R.T. 0.01 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion: 88 Resp: 176282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 74.2 | 57.8 | 86.8 |
| 43 | 0.0 | 22.3 | 33.5# |



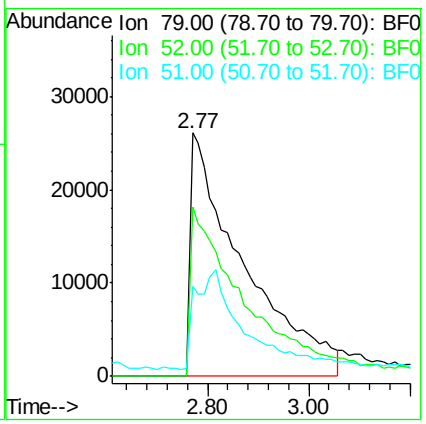


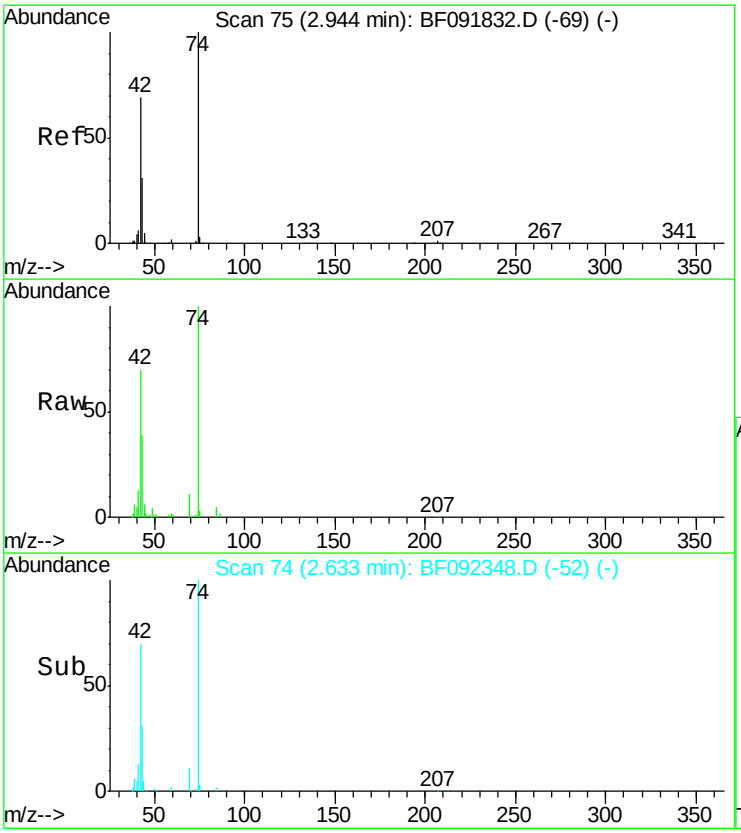

#3
Pyridine
Concen: 13.35 ng m
RT: 2.77 min Scan# 86
Delta R.T. 0.04 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion: 79 Resp: 189417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 69.4 | 57.1 | 85.7 |
| 51 | 36.8 | 27.3 | 40.9 |

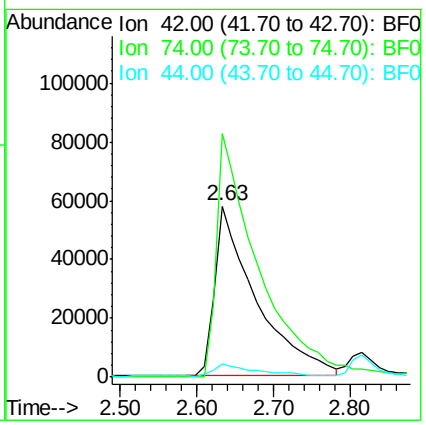


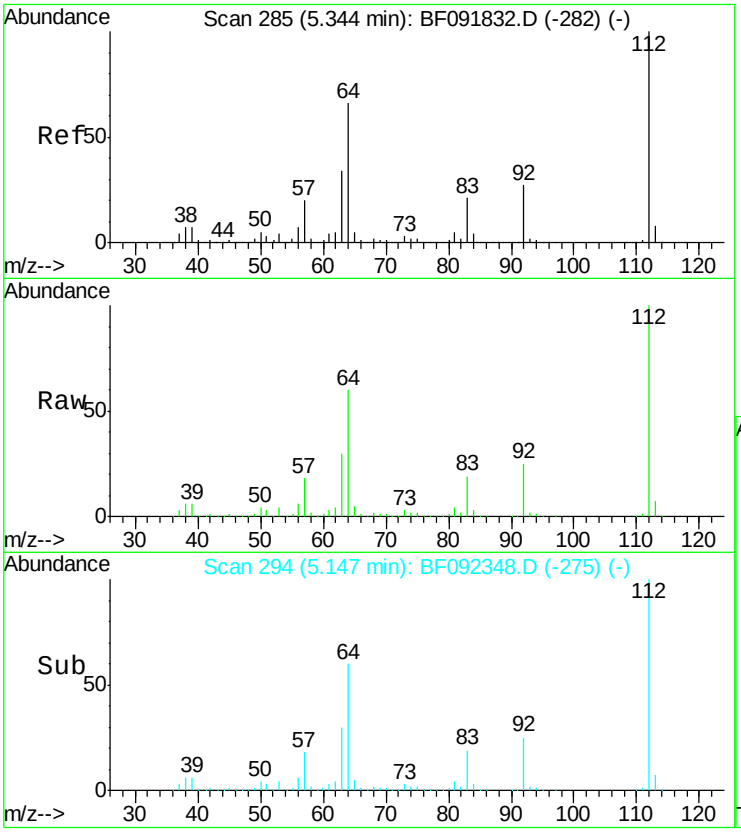




#4
n-Nitrosodimethylamine
Concen: 40.12 ng
RT: 2.63 min Scan# 74
Delta R.T. -0.05 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion: 42 Resp: 214682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 142.3 | 117.0 | 175.4 |
| 44 | 7.8 | 5.5 | 8.3 |



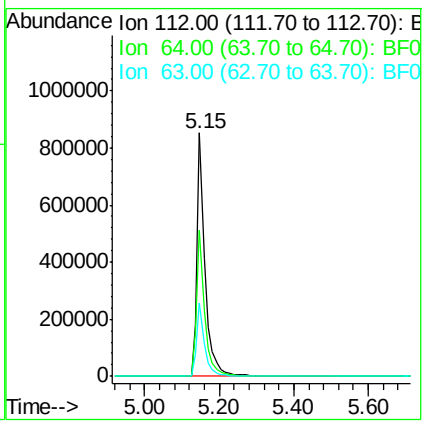


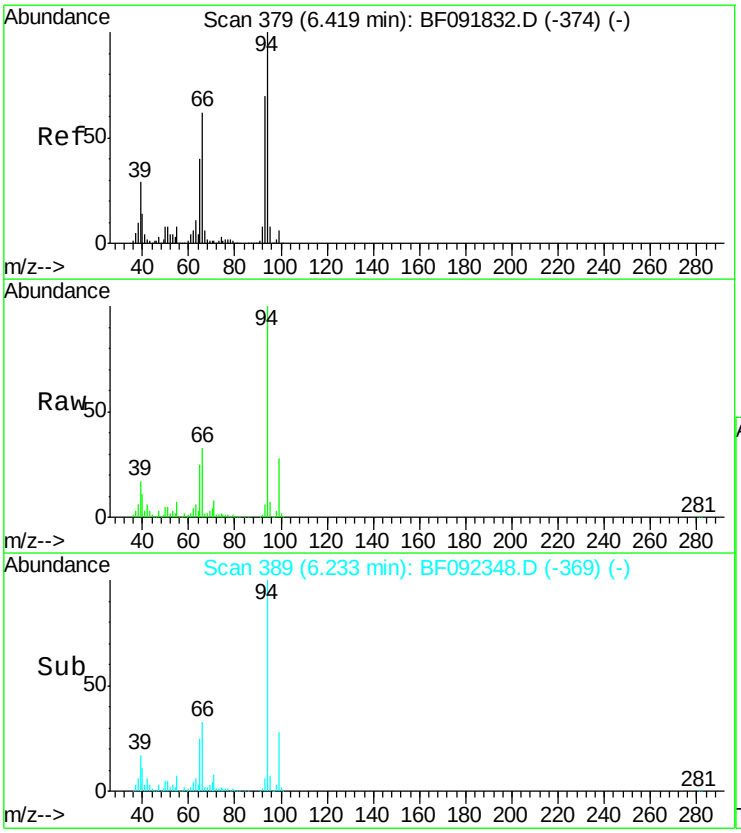

#5
2-Fluorophenol
Concen: 153.24 ng
RT: 5.15 min Scan# 294
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:112 Resp: 1265224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.9 | 46.1 | 69.1 |
| 63 | 30.1 | 23.8 | 35.6 |

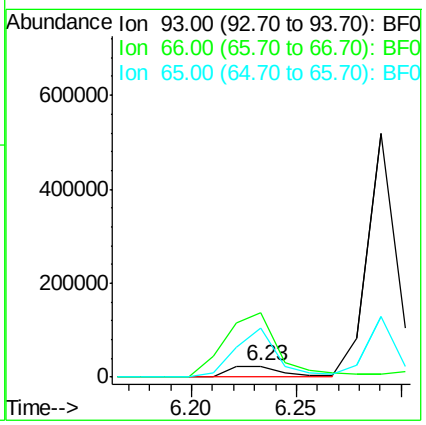


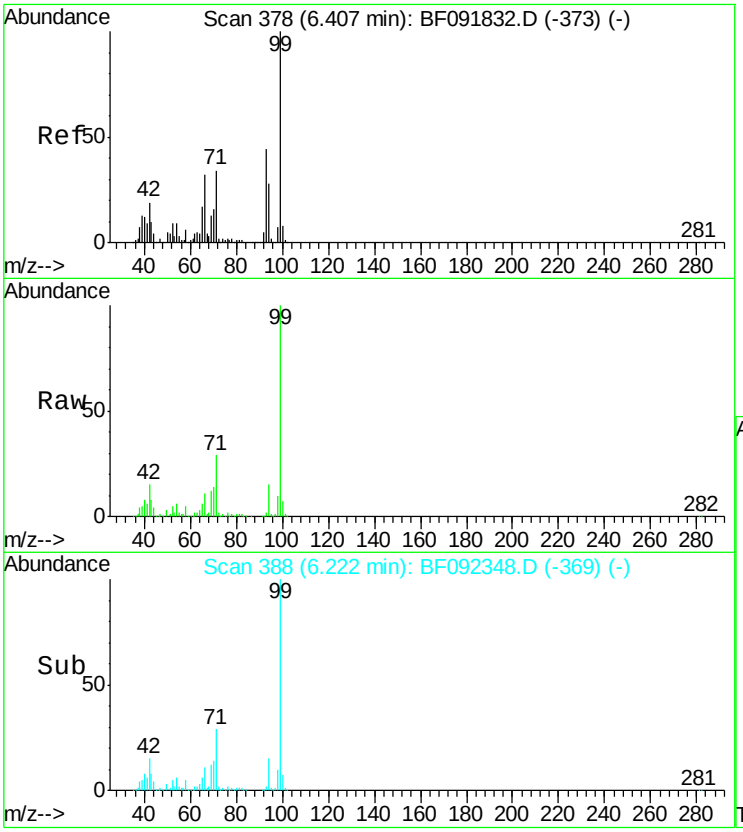




#6
Aniline
Concen: 3.39 ng m
RT: 6.23 min Scan# 389
Delta R.T. -0.08 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion: 93 Resp: 44381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 590.4 | 76.2 | 114.2# |
| 65 | 450.6 | 49.3 | 73.9# |



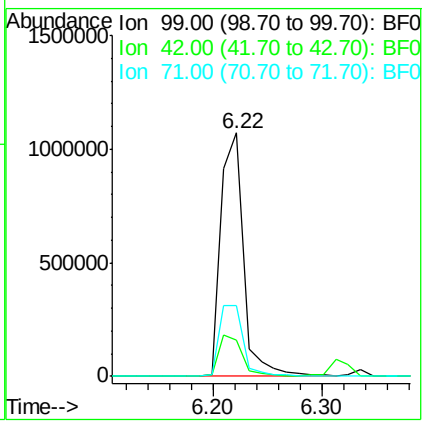


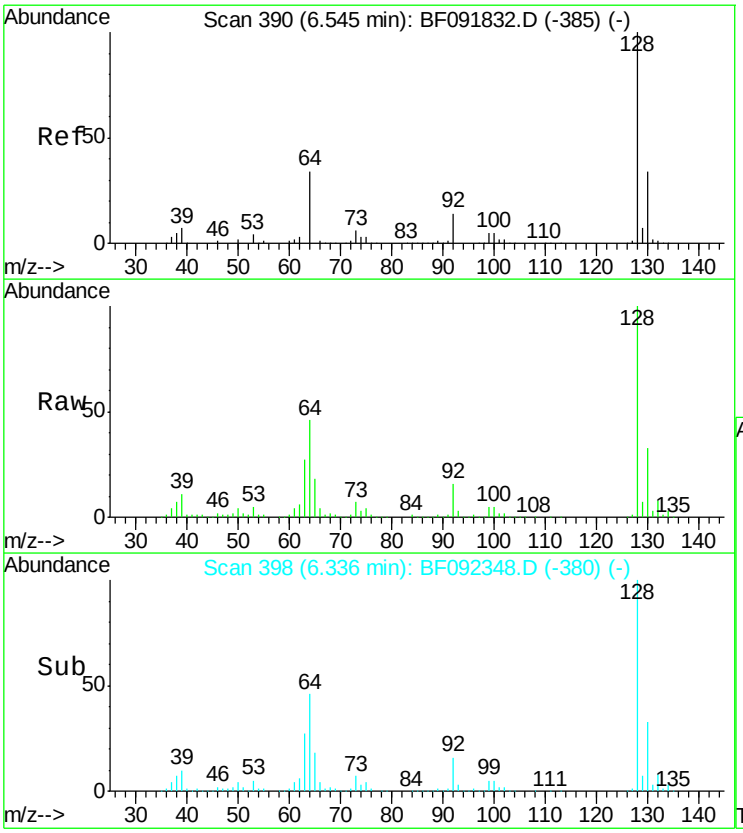

#7
Phenol-d6
Concen: 153.40 ng
RT: 6.22 min Scan# 388
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion: 99 Resp: 1546296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.1 | 15.6 | 23.4# |
| 71 | 28.9 | 27.5 | 41.3 |

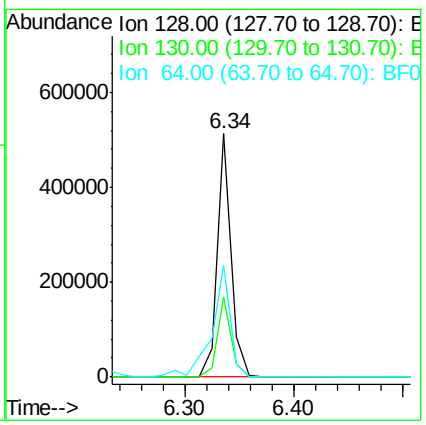


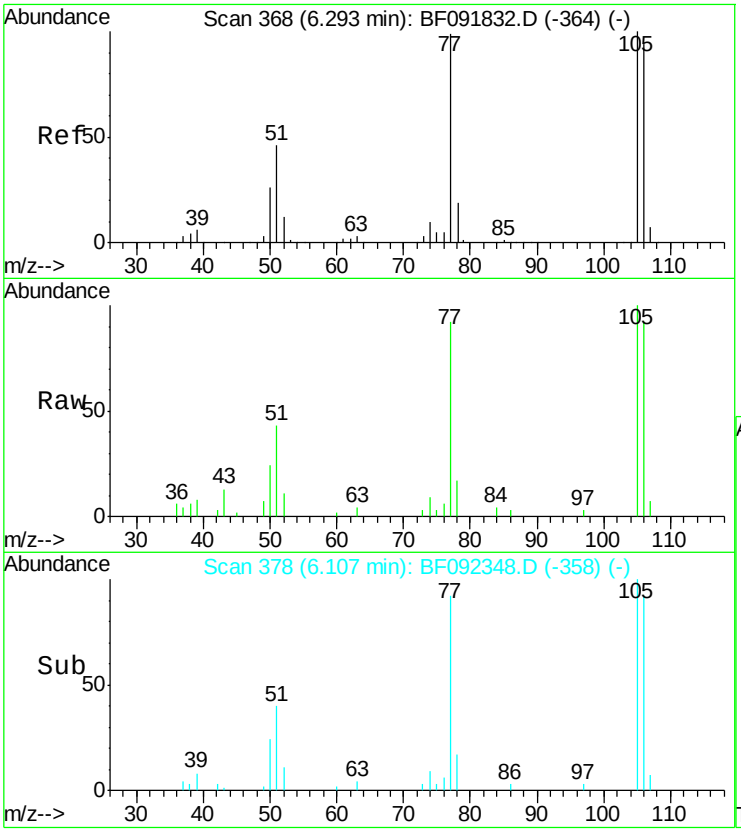




#8
2-Chlorophenol
Concen: 48.62 ng
RT: 6.34 min Scan# 398
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:128 Resp: 456640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.6 | 12.3 | 52.3 |
| 64 | 46.1 | 32.2 | 72.2 |



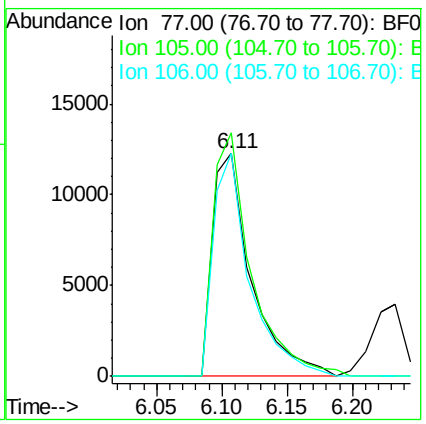


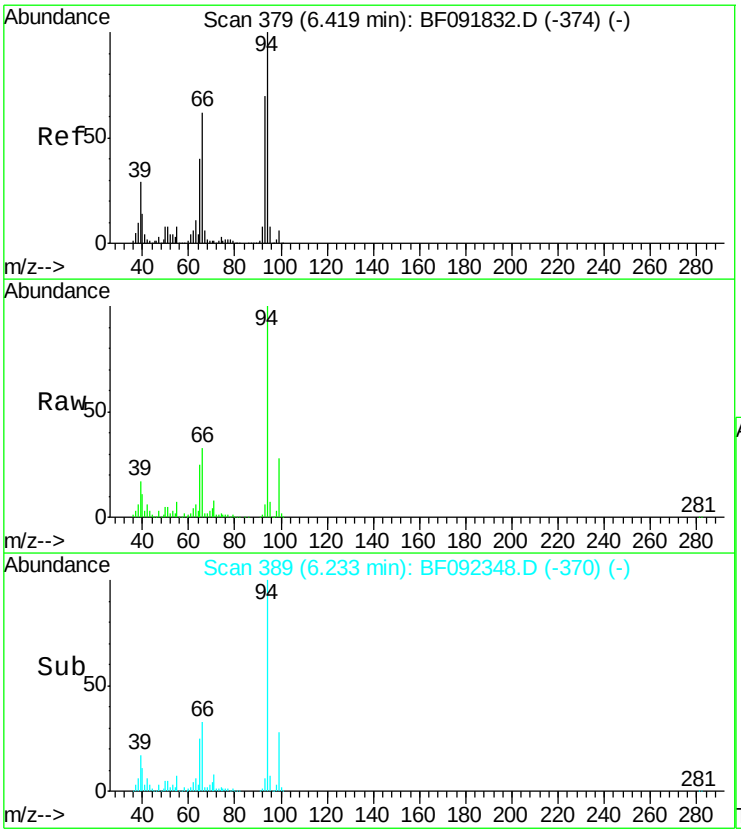

#9
Benzaldehyde
Concen: 3.17 ng
RT: 6.11 min Scan# 378
Delta R.T. -0.08 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion: 77 Resp: 25560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 109.2 | 83.9 | 123.9 |
| 106 | 100.1 | 77.6 | 117.6 |

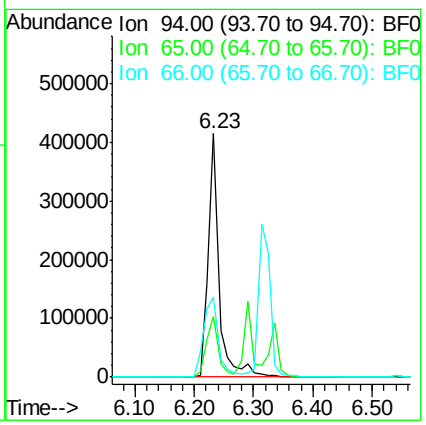


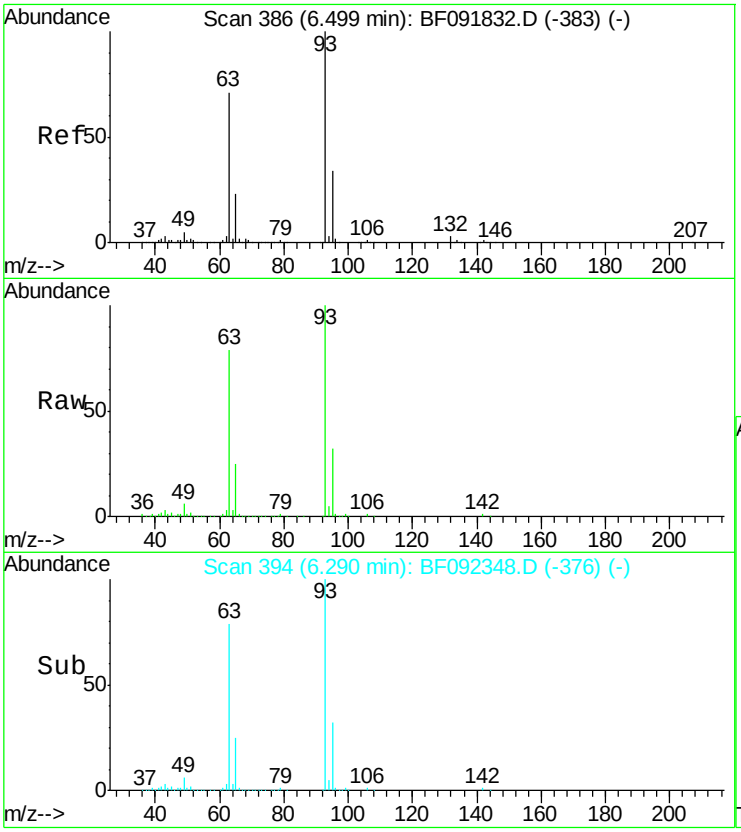




#10
Phenol
Concen: 45.79 ng
RT: 6.23 min Scan# 389
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion: 94 Resp: 525931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 25.0 | 21.4 | 61.4 |
| 66 | 32.8 | 44.0 | 84.0# |



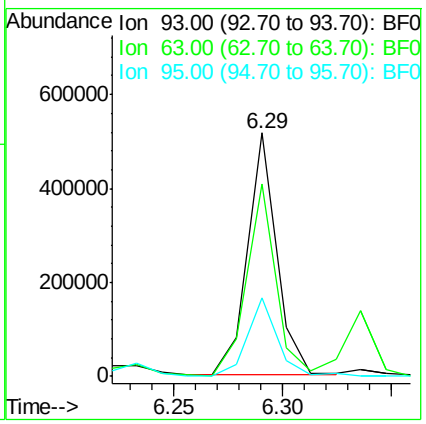


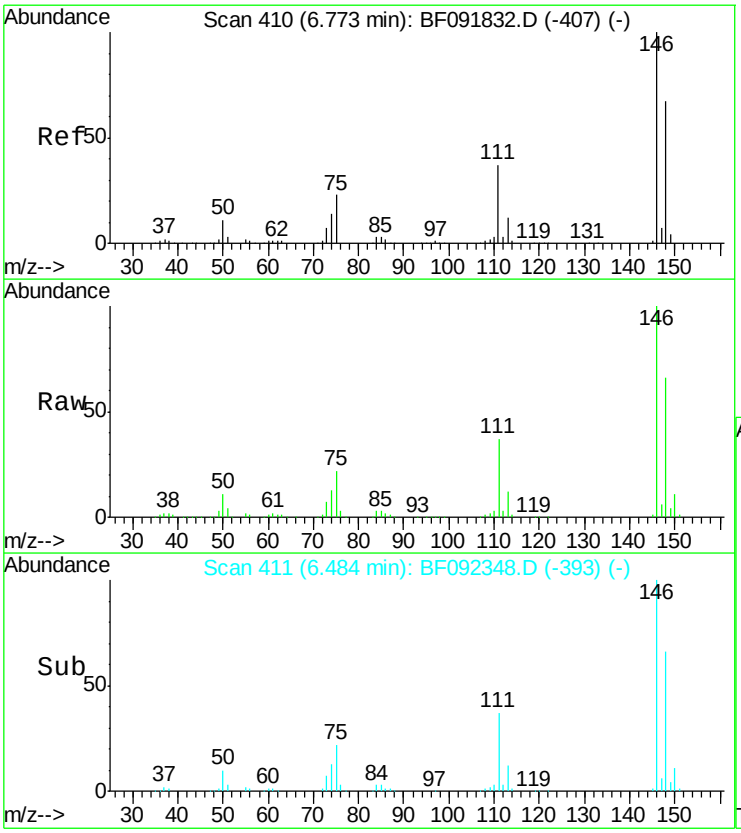

#11
bis(2-Chloroethyl)ether
Concen: 52.53 ng
RT: 6.29 min Scan# 394
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion: 93 Resp: 480065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 79.0 | 60.4 | 100.4 |
| 95 | 32.3 | 12.8 | 52.8 |

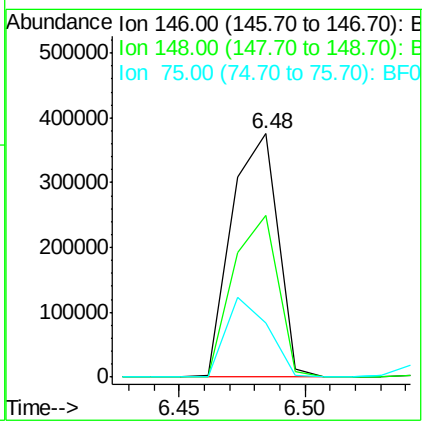


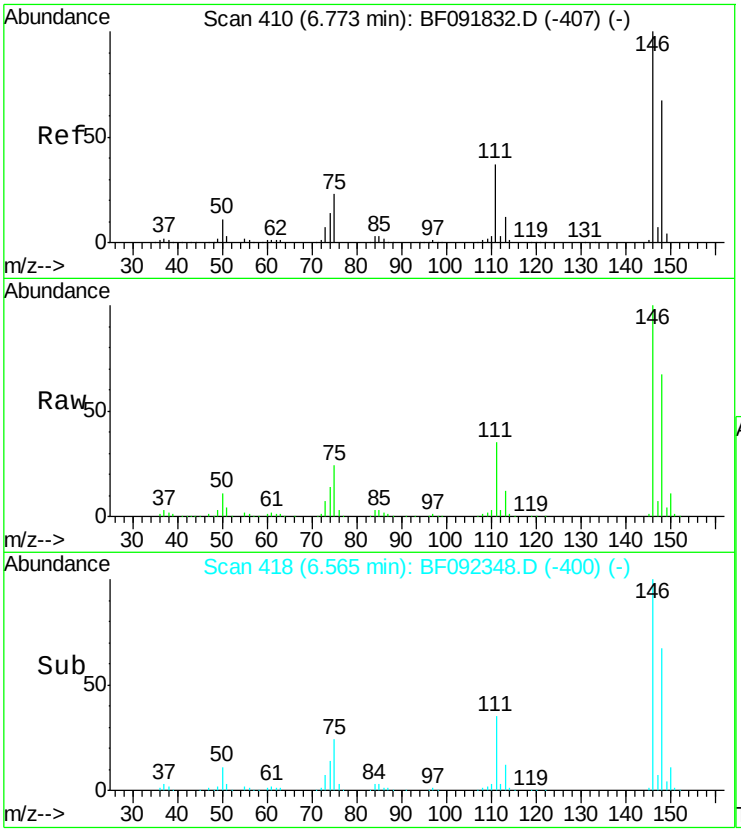




#12
1,3-Dichlorobenzene
Concen: 47.99 ng m
RT: 6.48 min Scan# 411
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:146 Resp: 481181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.4 | 53.4 | 80.0 |
| 75 | 22.4 | 18.5 | 27.7 |



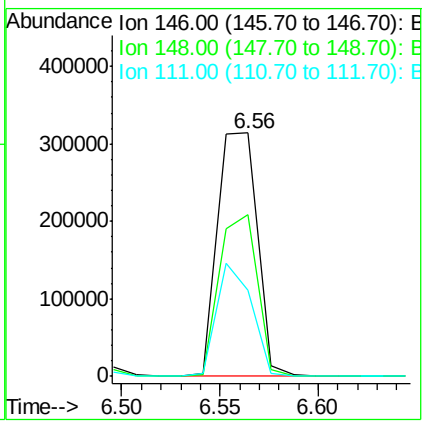


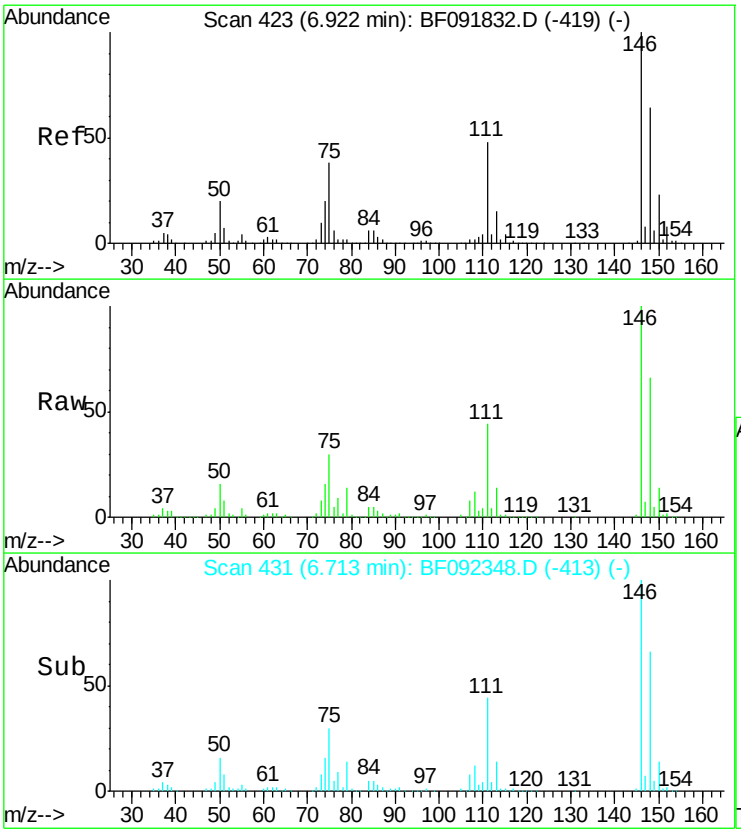

#13
1,4-Dichlorobenzene
Concen: 43.61 ng m
RT: 6.56 min Scan# 418
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:146 Resp: 445011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.6 | 50.6 | 76.0 |
| 111 | 35.4 | 36.2 | 54.4# |

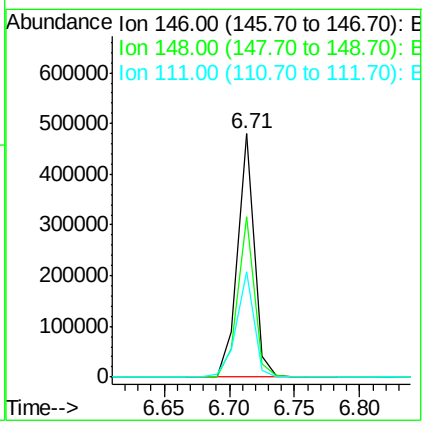


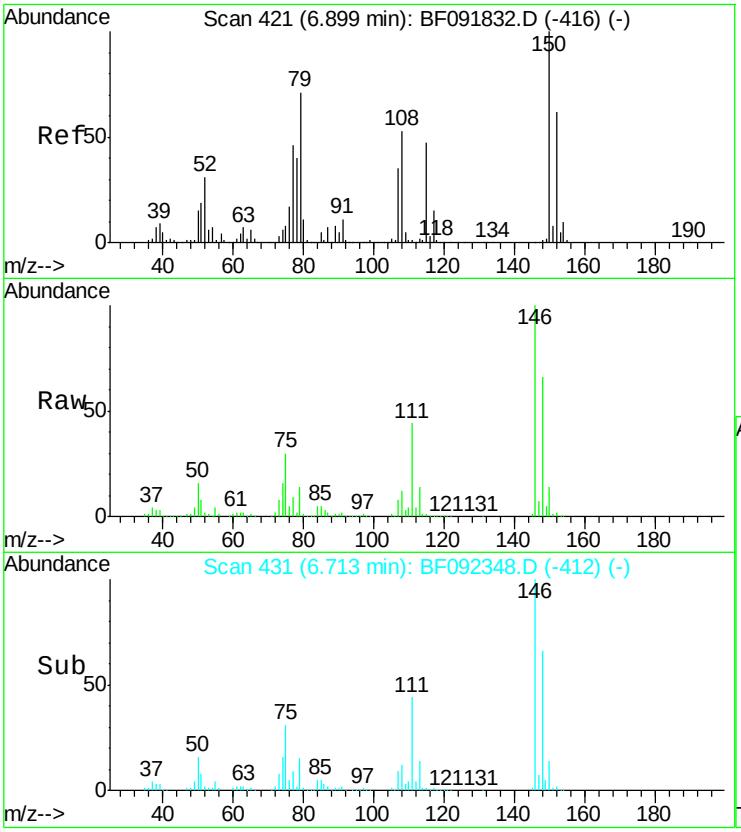




#14
1,2-Dichlorobenzene
Concen: 47.58 ng
RT: 6.71 min Scan# 431
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:146 Resp: 421297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.8 | 52.2 | 78.2 |
| 111 | 43.5 | 36.2 | 54.2 |



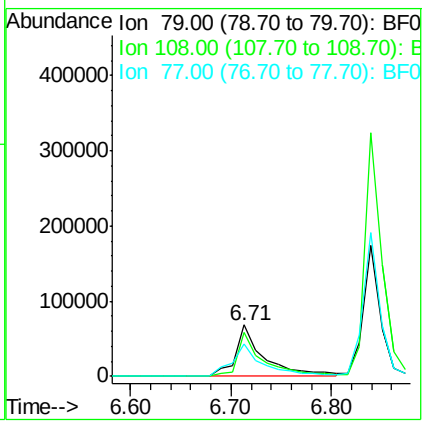


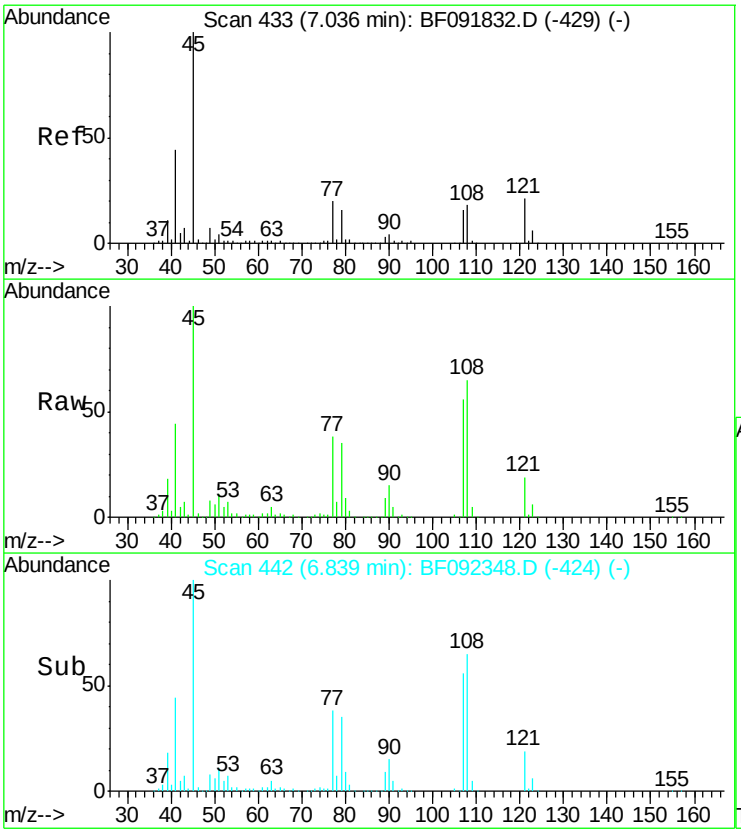

#15
Benzyl Alcohol
Concen: 17.24 ng
RT: 6.71 min Scan# 431
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion: 79 Resp: 135023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 85.4 | 61.4 | 92.0 |
| 77 | 63.9 | 50.9 | 76.3 |

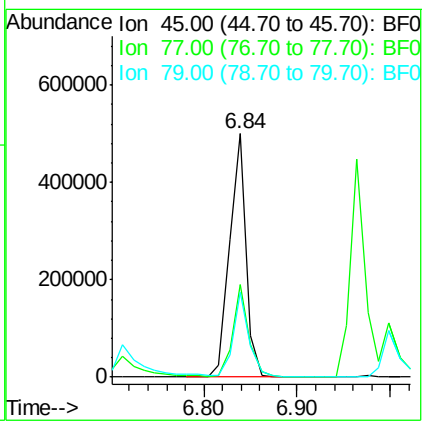


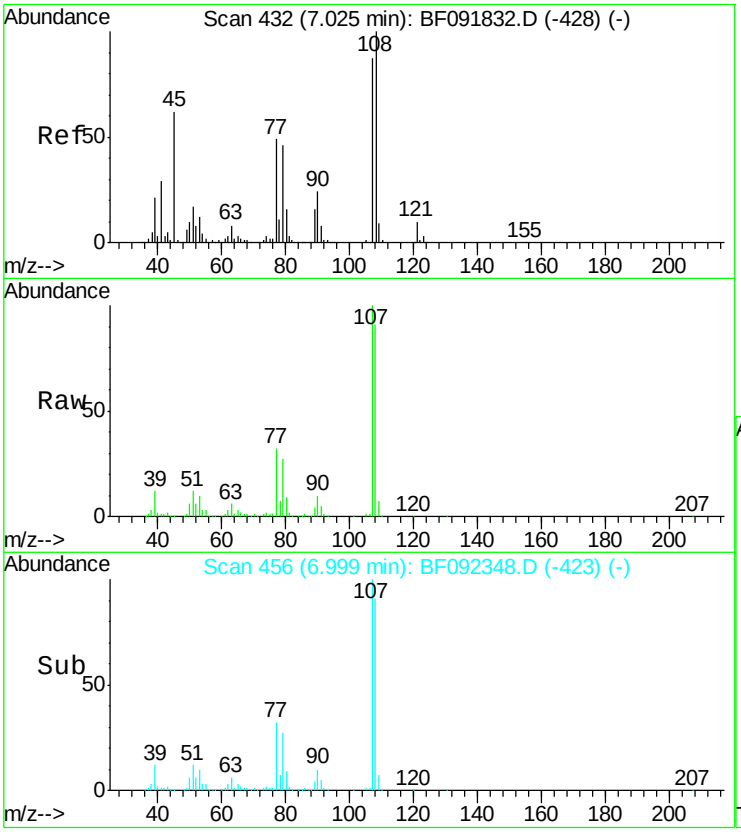




#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.24 ng
RT: 6.84 min Scan# 442
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion: 45 Resp: 615753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 38.2 | 0.0 | 34.6# |
| 79 | 34.7 | 0.0 | 31.2# |



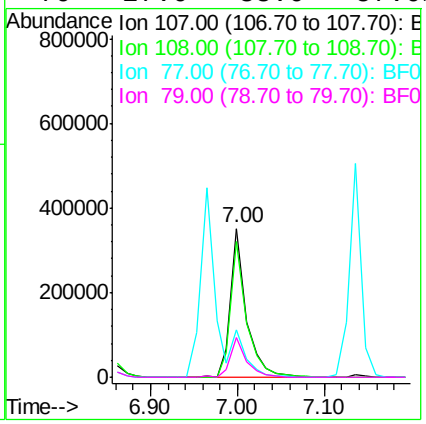


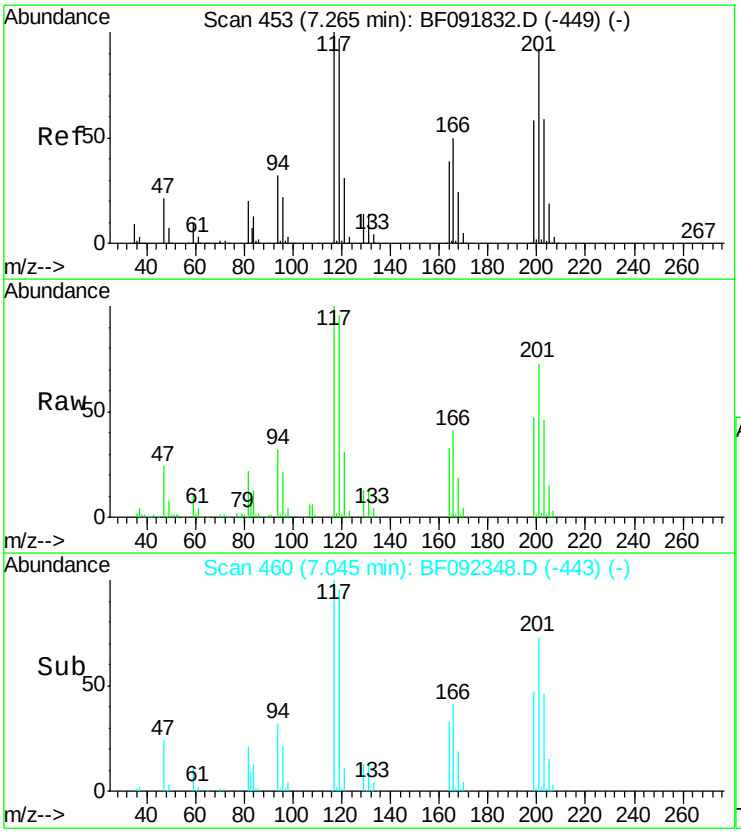

#17
2-Methylphenol
Concen: 59.40 ng
RT: 7.00 min Scan# 456
Delta R.T. 0.07 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:107 Resp: 448629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.1 | 93.0 | 139.6# |
| 77 | 31.5 | 39.8 | 59.8# |
| 79 | 27.0 | 38.0 | 57.0# |

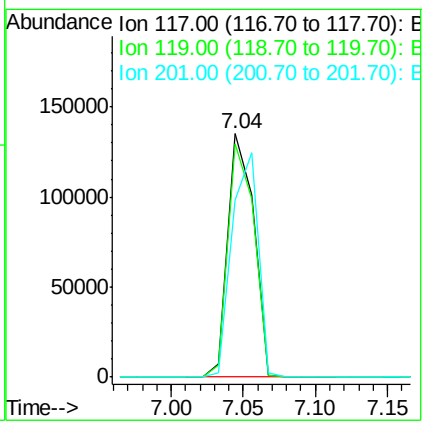


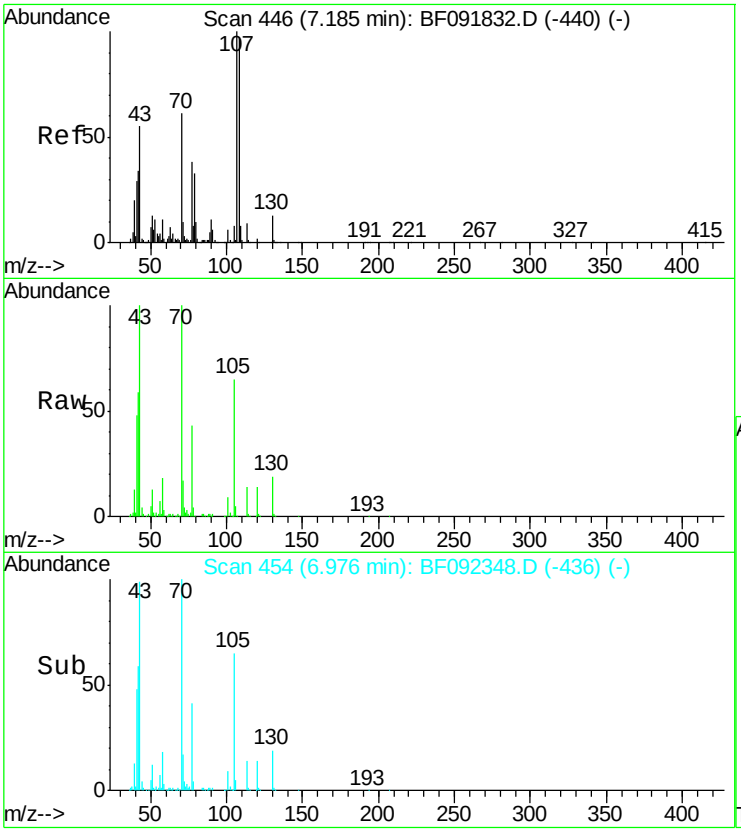




#18
Hexachloroethane
Concen: 44.38 ng m
RT: 7.04 min Scan# 460
Delta R.T. -0.11 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:117 Resp: 167915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.8 | 78.1 | 117.1 |
| 201 | 72.6 | 78.6 | 117.8# |



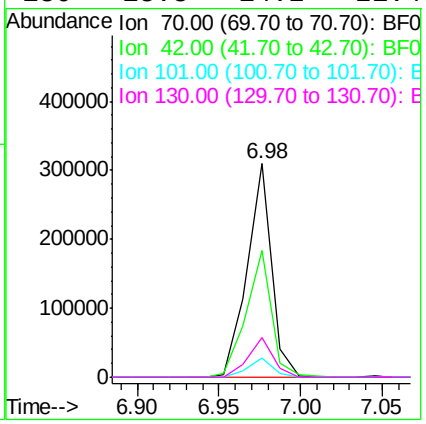


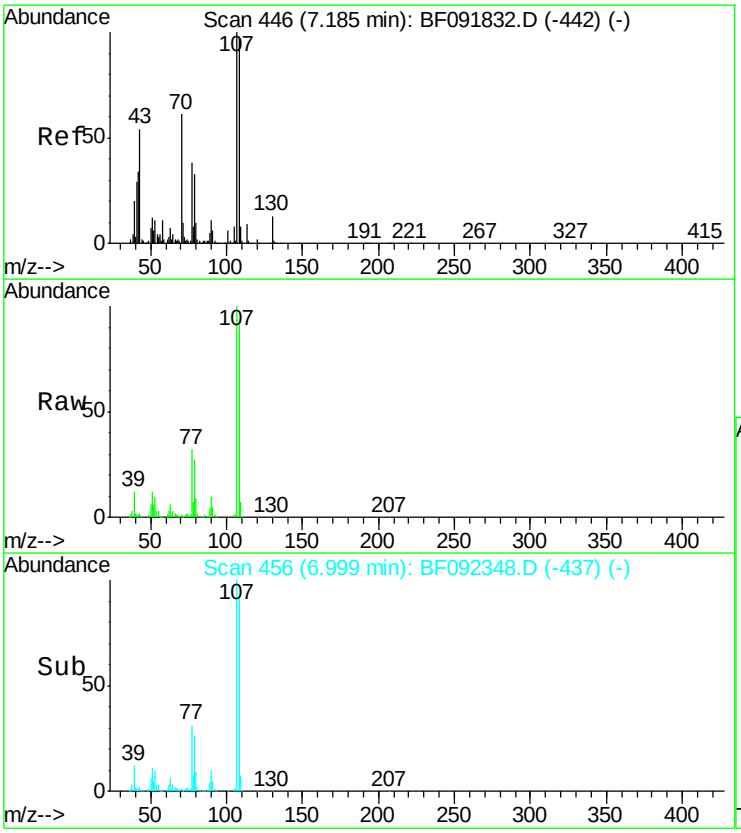

#19
n-Nitroso-di-n-propylamine
Concen: 48.25 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion: 70 Resp: 323588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 59.3 | 49.4 | 74.0 |
| 101 | 8.8 | 7.4 | 11.2 |
| 130 | 18.8 | 14.2 | 21.4 |

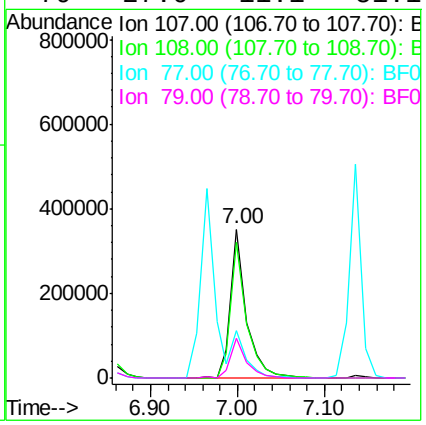


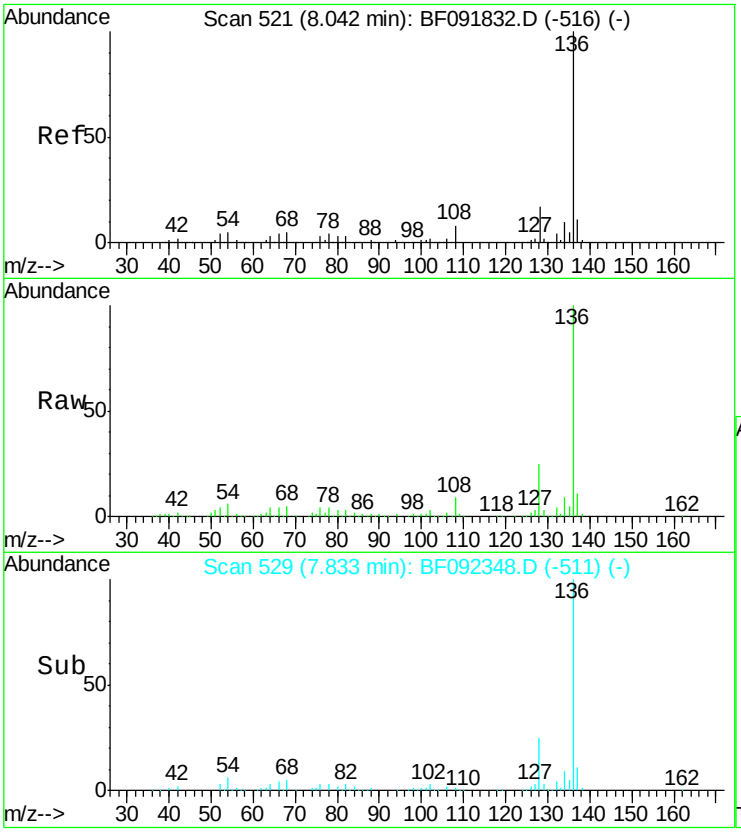




#20
3+4-Methylphenols
Concen: 49.80 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:107 Resp: 448629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.1 | 73.0 | 113.0 |
| 77 | 31.5 | 71.3 | 111.3# |
| 79 | 27.0 | 11.1 | 51.1 |



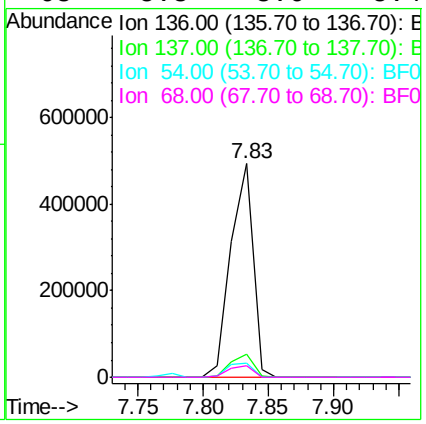


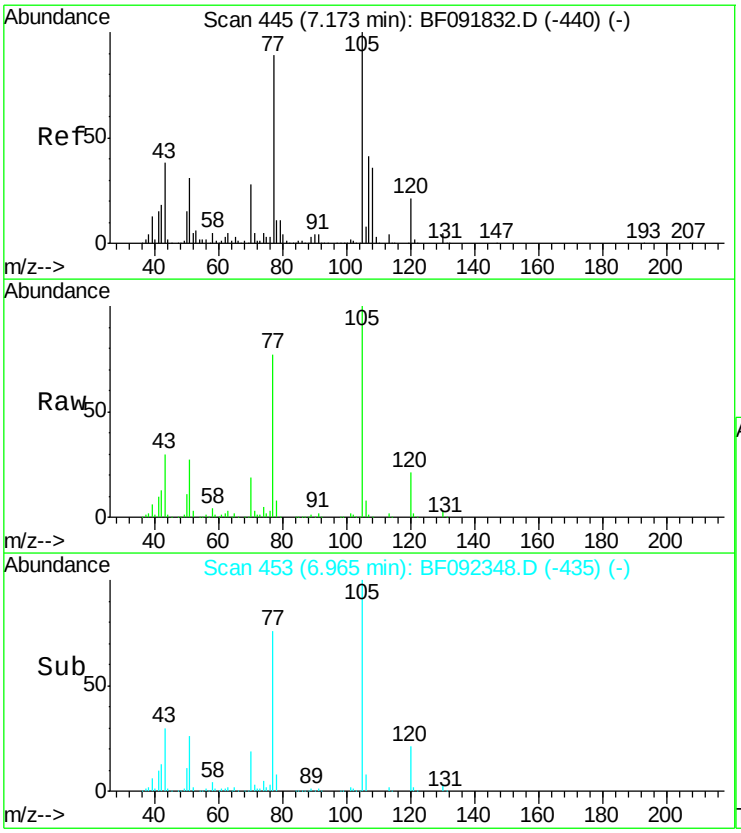

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:136 Resp: 584659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.4 | 12.6 |
| 54 | 6.4 | 4.5 | 6.7 |
| 68 | 5.3 | 3.6 | 5.4 |

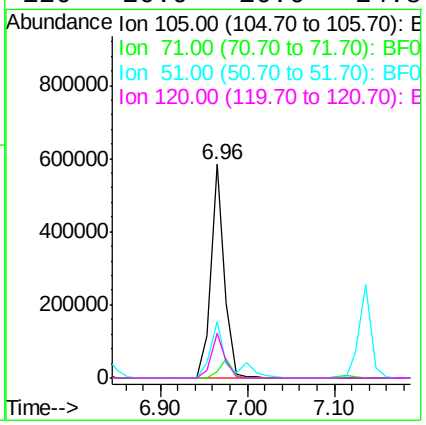


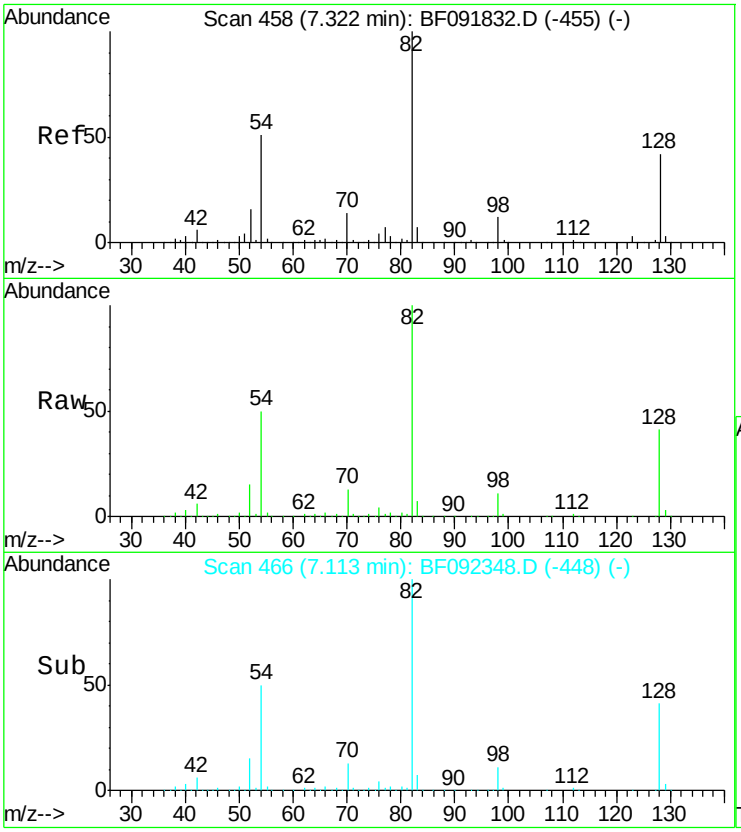




#22
Acetophenone
Concen: 44.04 ng
RT: 6.96 min Scan# 453
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:105 Resp: 635026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.2 | 3.2 | 4.8 |
| 51 | 26.5 | 26.2 | 39.4 |
| 120 | 20.9 | 16.6 | 24.8 |



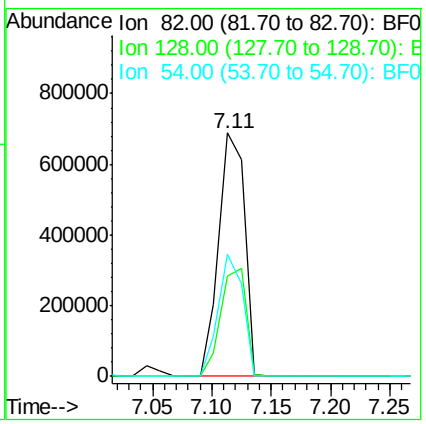


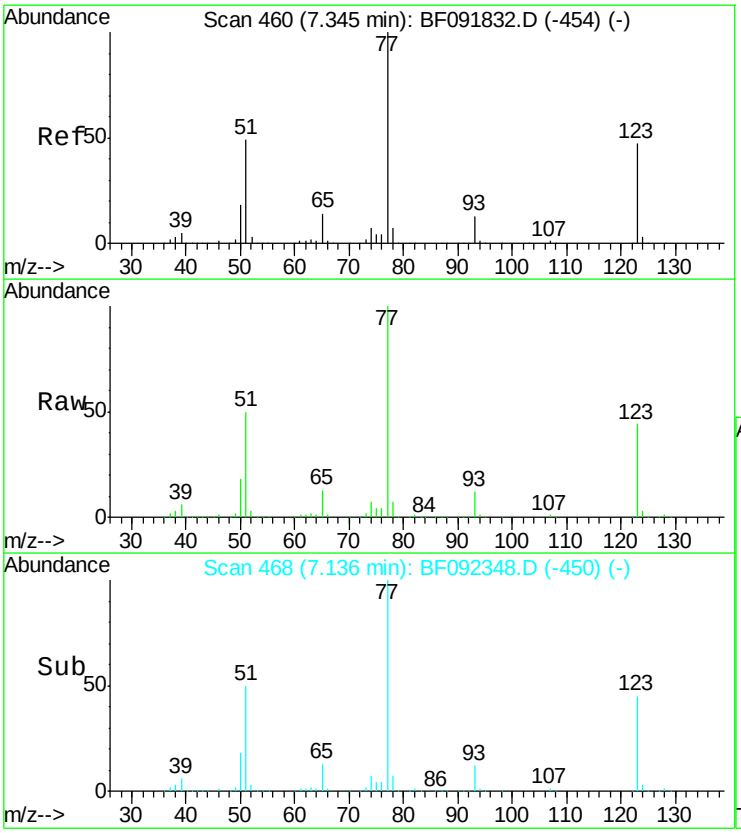

#23
Nitrobenzene-d5
Concen: 98.75 ng
RT: 7.11 min Scan# 466
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion: 82 Resp: 1038336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.4 | 34.6 | 52.0 |
| 54 | 50.0 | 39.5 | 59.3 |

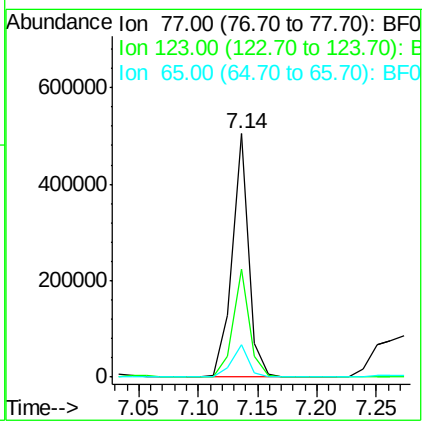


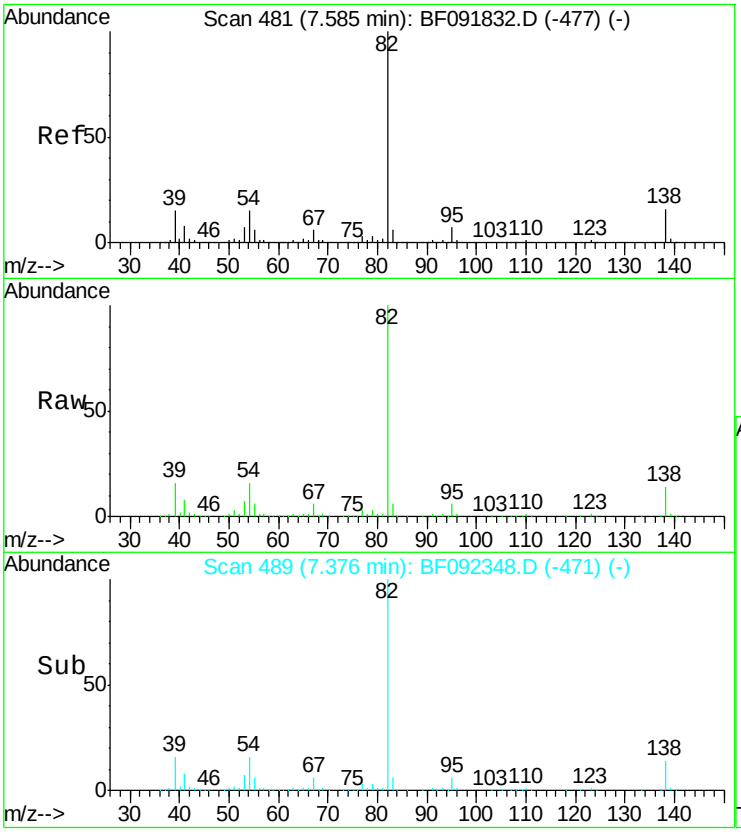




#24
Nitrobenzene
Concen: 43.78 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion: 77 Resp: 490233

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.5 | 33.0 | 49.4 |
| 65 | 13.4 | 11.2 | 16.8 |



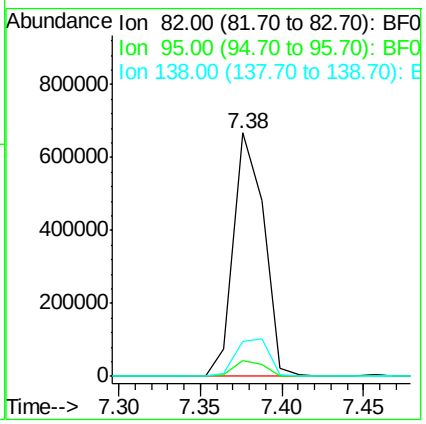


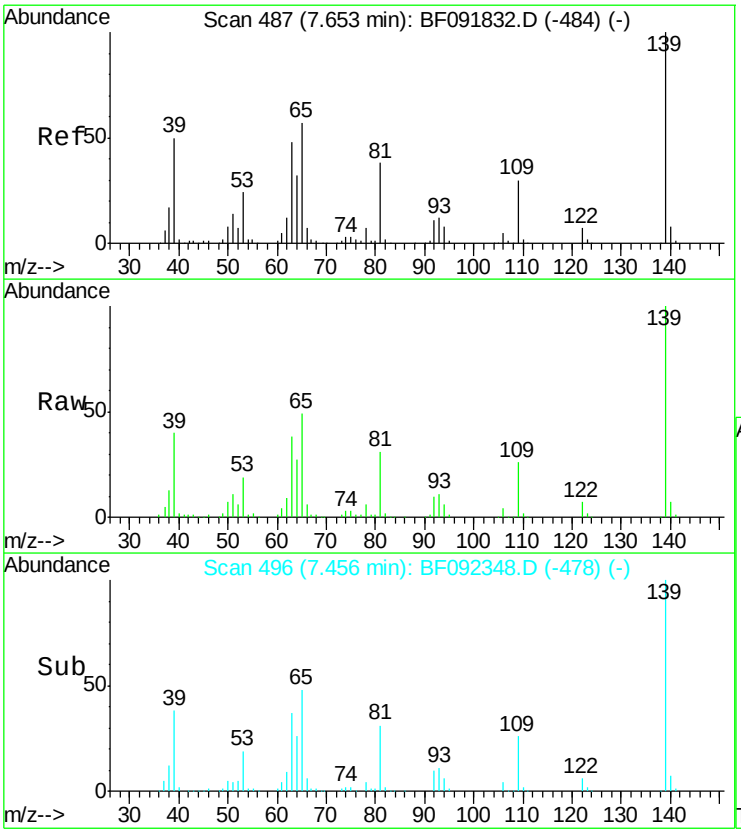

#25
Isophorone
Concen: 44.27 ng
RT: 7.38 min Scan# 489
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion: 82 Resp: 858774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.3 | 5.6 | 8.4 |
| 138 | 14.3 | 14.6 | 22.0# |

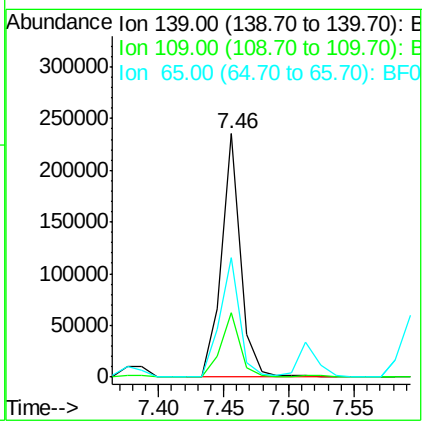


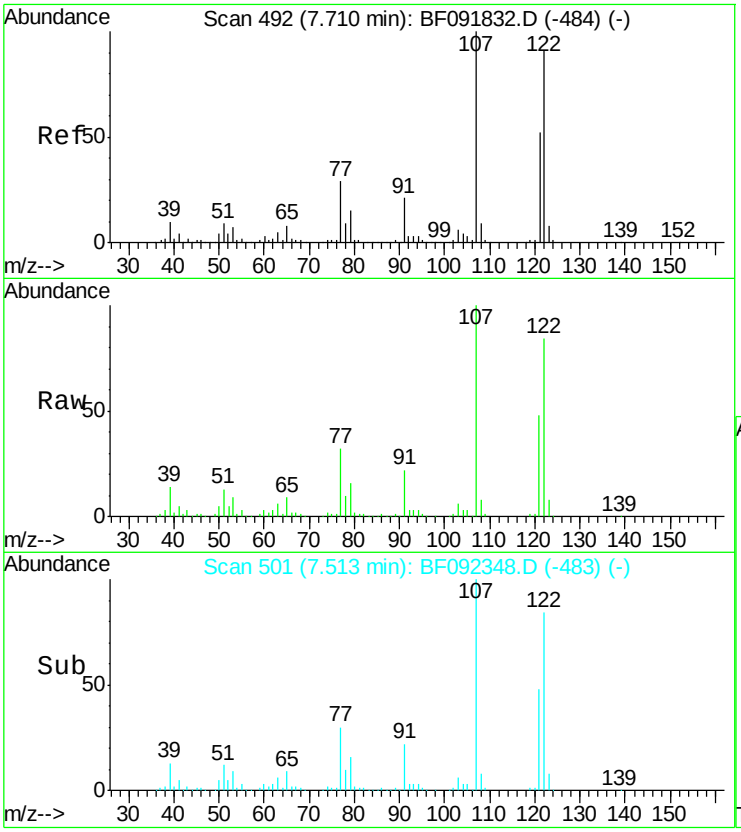




#26
2-Nitrophenol
Concen: 43.87 ng
RT: 7.46 min Scan# 496
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:139 Resp: 242271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 26.2 | 23.3 | 34.9 |
| 65 | 49.2 | 42.7 | 64.1 |



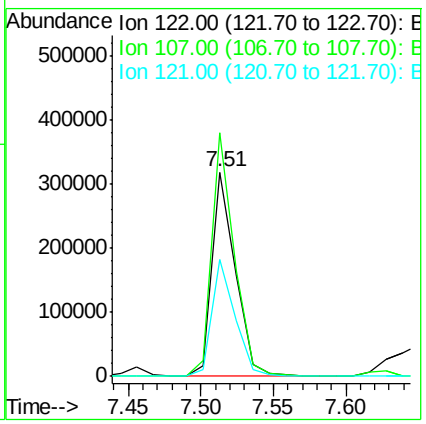


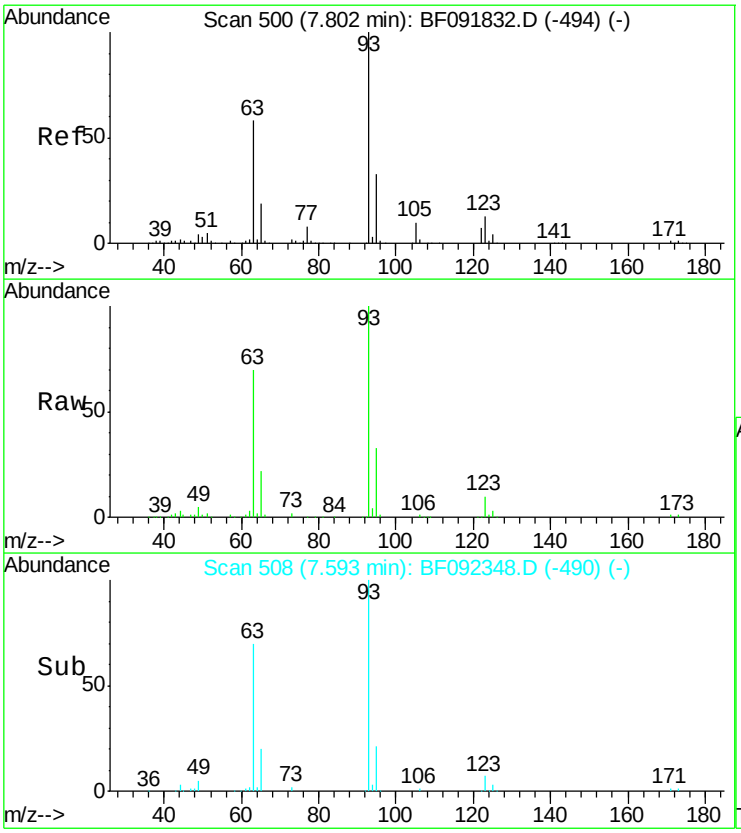

#27
2,4-Dimethylphenol
Concen: 39.04 ng
RT: 7.51 min Scan# 501
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:122 Resp: 357606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 119.1 | 94.1 | 141.1 |
| 121 | 57.2 | 46.0 | 69.0 |

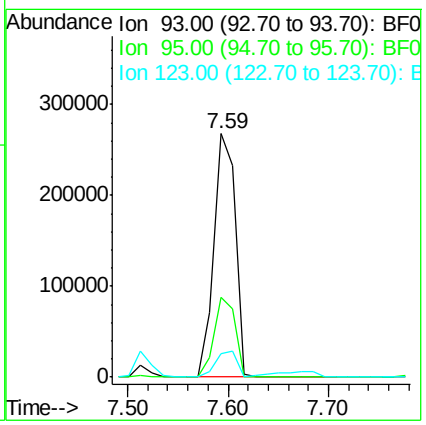


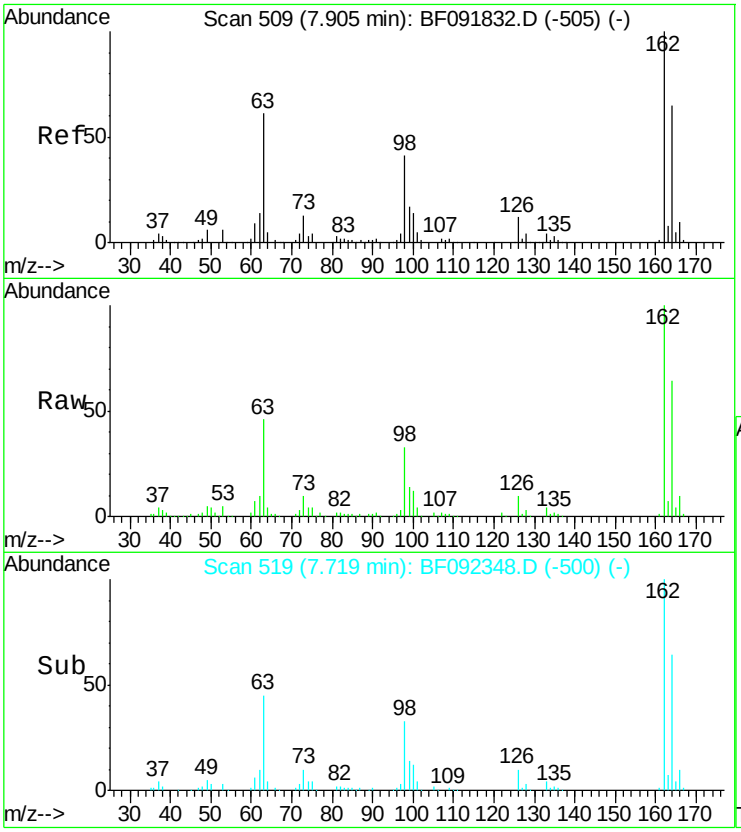




#28
bis(2-Chloroethoxy)methane
Concen: 33.76 ng
RT: 7.59 min Scan# 508
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion: 93 Resp: 397080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 26.5 | 39.7 |
| 123 | 9.9 | 8.6 | 13.0 |



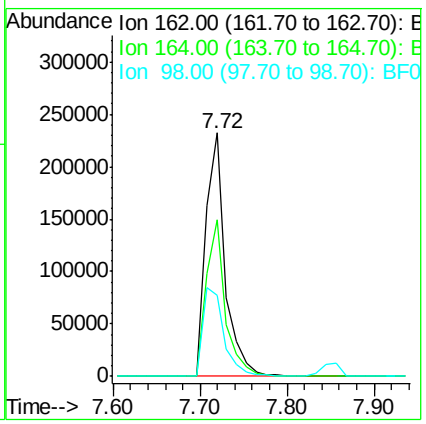


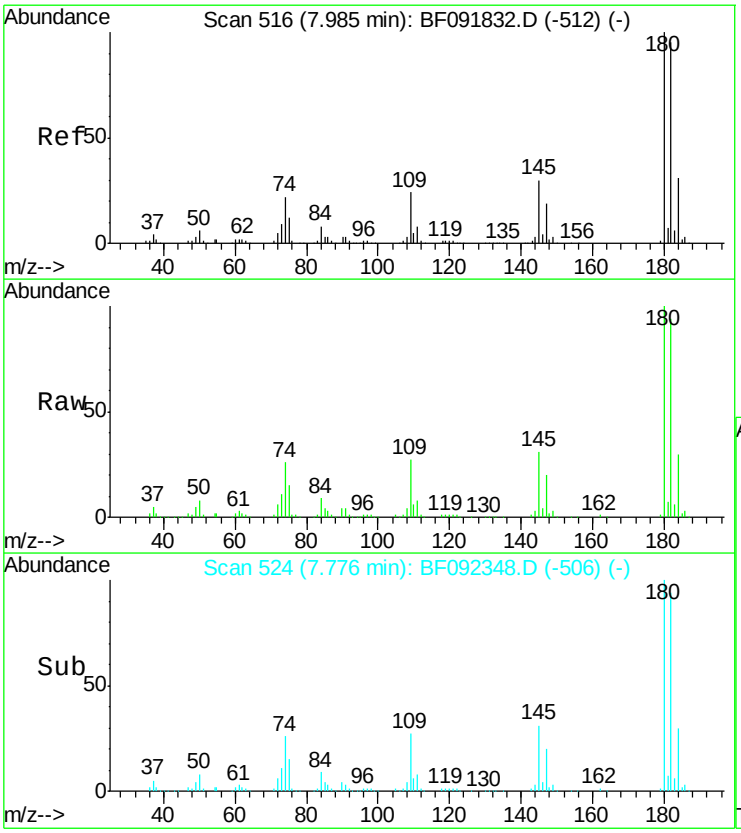

#29
2,4-Dichlorophenol
Concen: 46.40 ng
RT: 7.72 min Scan# 519
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:162 Resp: 359913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.4 | 46.8 | 86.8 |
| 98 | 33.3 | 9.1 | 49.1 |

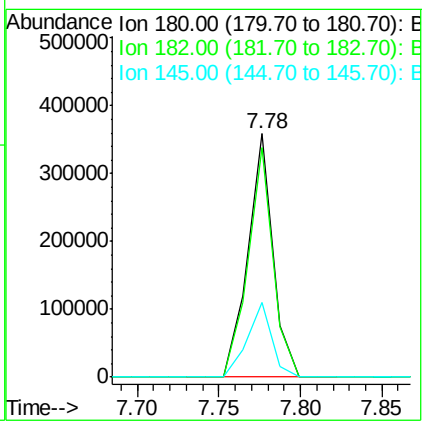


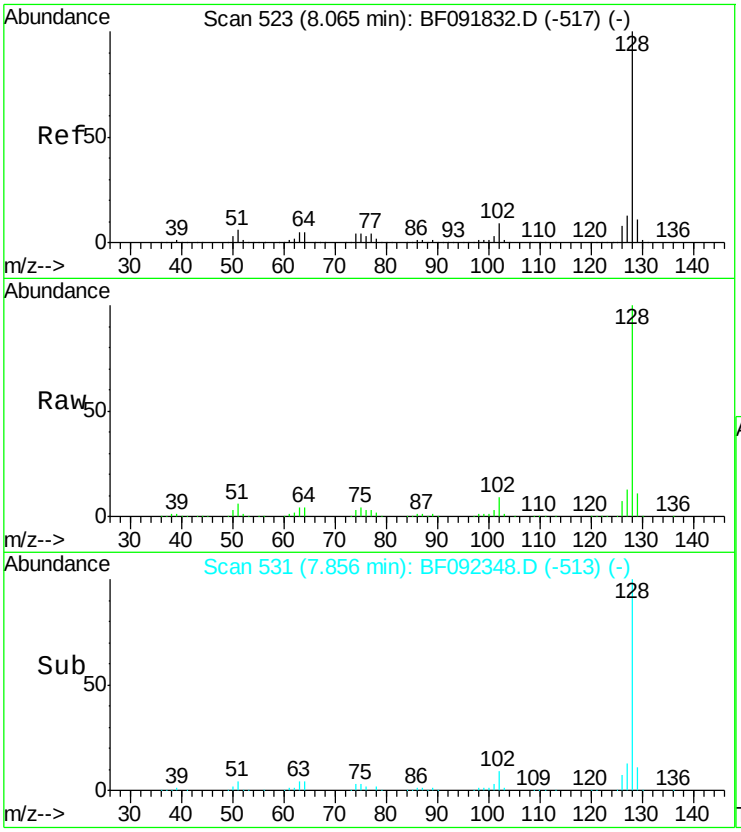




#30
1,2,4-Trichlorobenzene
Concen: 44.93 ng
RT: 7.78 min Scan# 524
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:180 Resp: 381833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.1 | 78.2 | 117.4 |
| 145 | 30.9 | 21.6 | 32.4 |



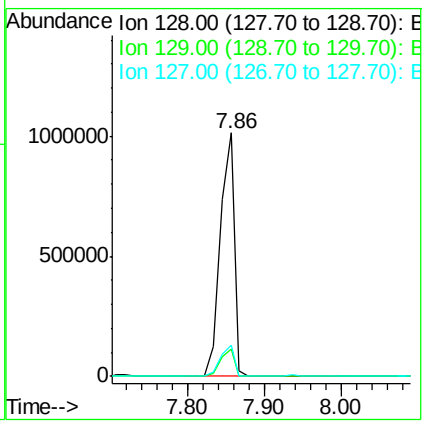


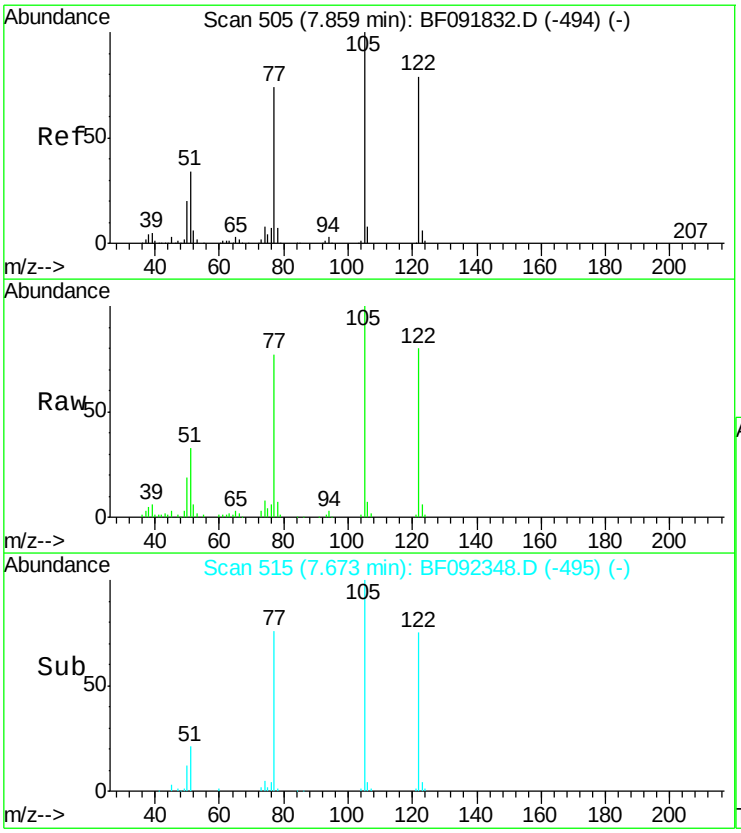

#31
Naphthalene
Concen: 48.85 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:128 Resp: 1307229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.1 | 9.5 | 14.3 |
| 127 | 13.0 | 10.8 | 16.2 |

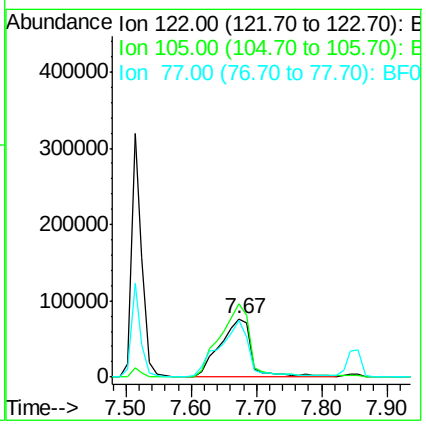


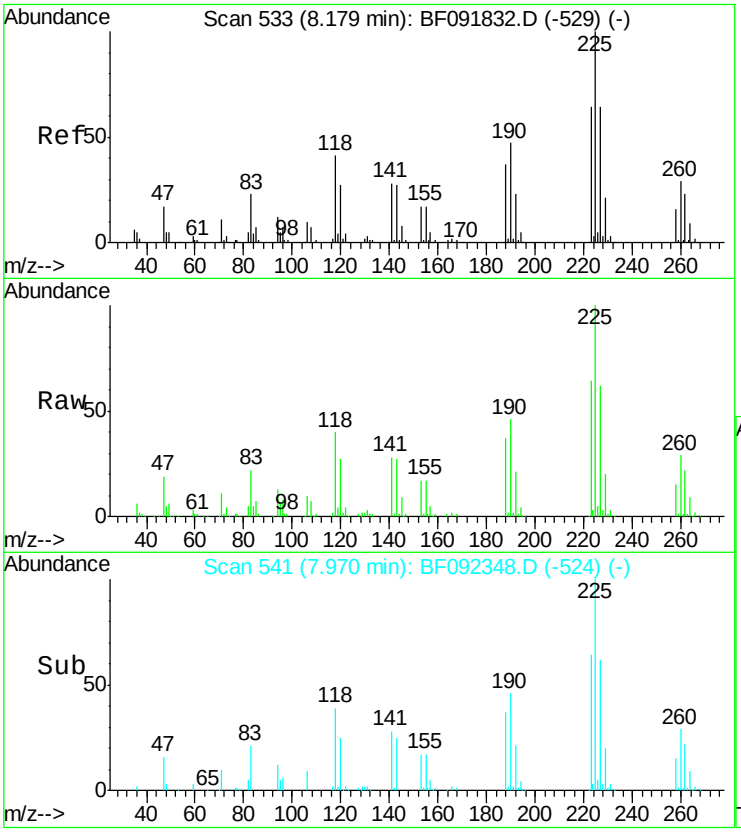




#32
Benzoic acid
Concen: 36.87 ng
RT: 7.67 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:122 Resp: 250478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.2 | 107.2 | 147.2 |
| 77 | 96.2 | 74.5 | 114.5 |



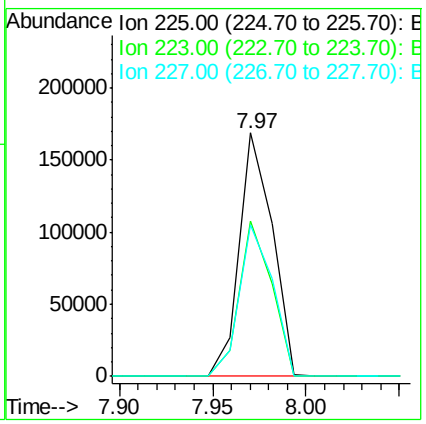


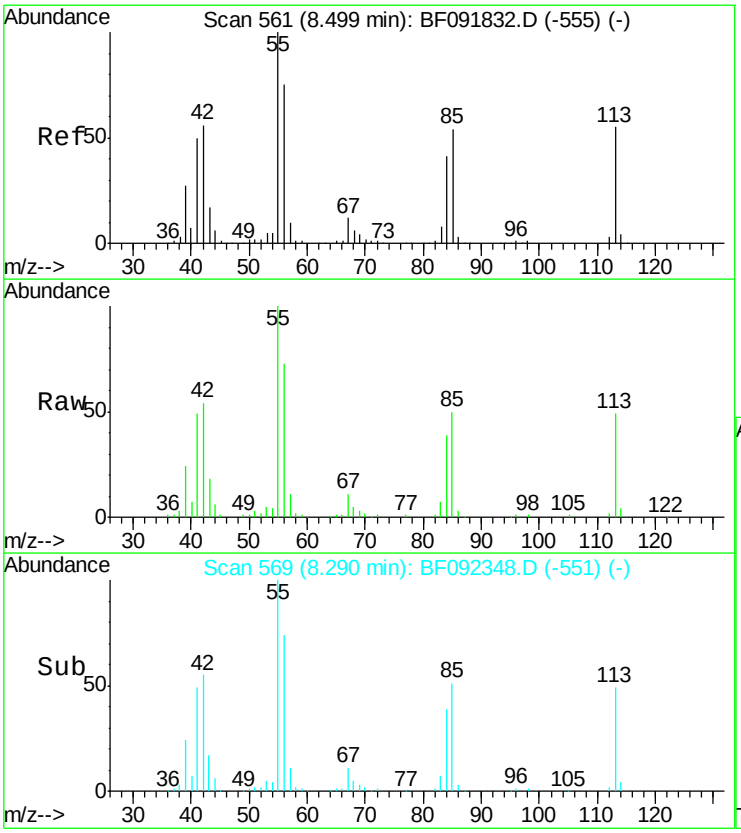

#34
Hexachlorobutadiene
Concen: 46.27 ng
RT: 7.97 min Scan# 541
Delta R.T. -0.11 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:225 Resp: 207571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.9 | 51.0 | 76.6 |
| 227 | 62.5 | 50.6 | 76.0 |

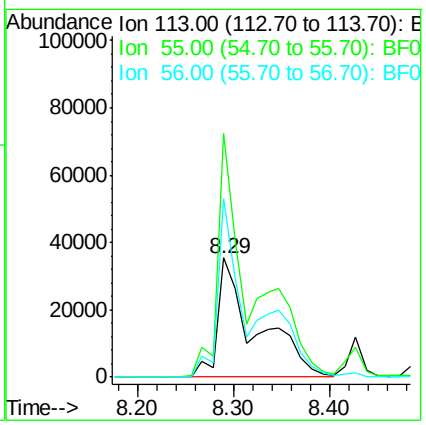


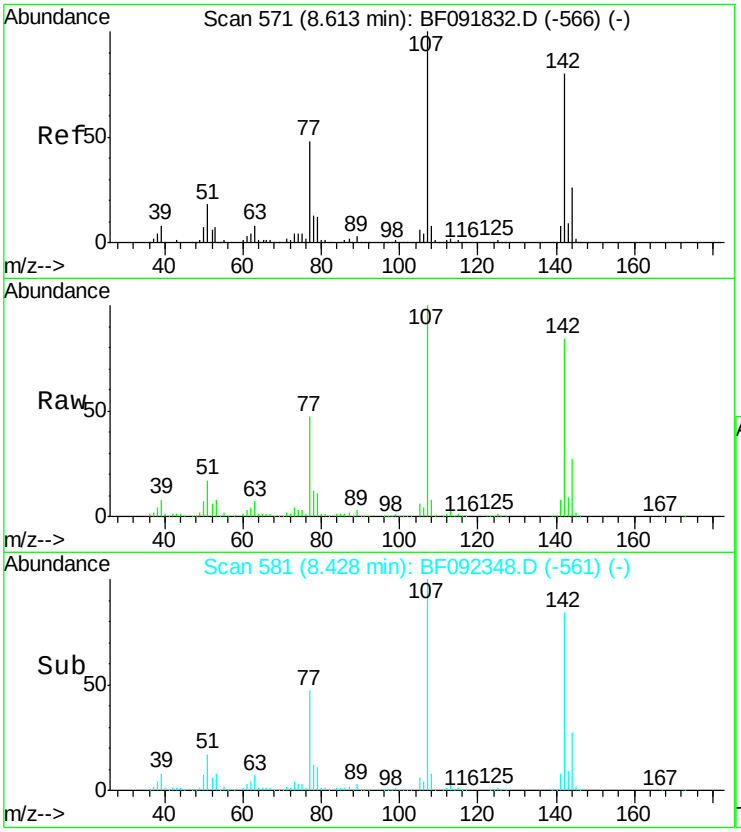




#35
Caprolactam
Concen: 38.23 ng m
RT: 8.29 min Scan# 569
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:113 Resp: 97443

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 204.8 | 119.2 | 159.2# |
| 56 | 149.9 | 83.8 | 123.8# |



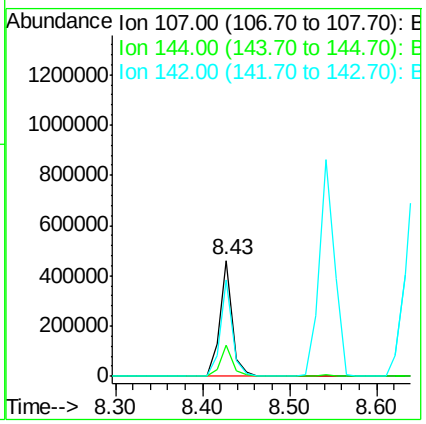


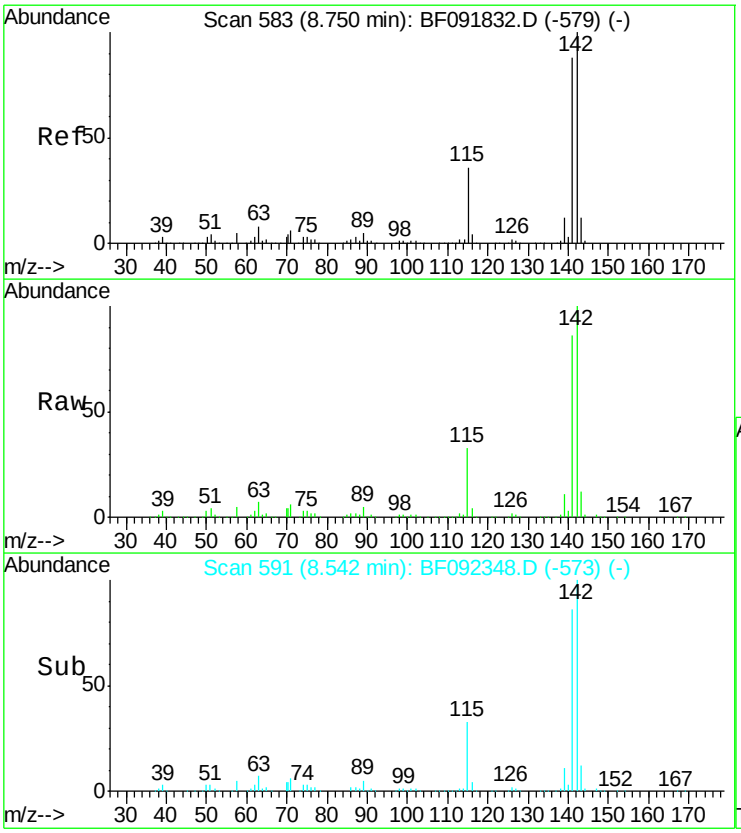

#36
4-Chloro-3-methylphenol
Concen: 52.92 ng
RT: 8.43 min Scan# 581
Delta R.T. -0.08 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:107 Resp: 472267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.1 | 19.3 | 28.9 |
| 142 | 83.6 | 59.0 | 88.6 |

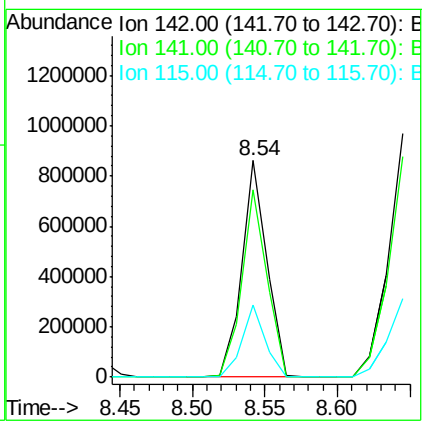


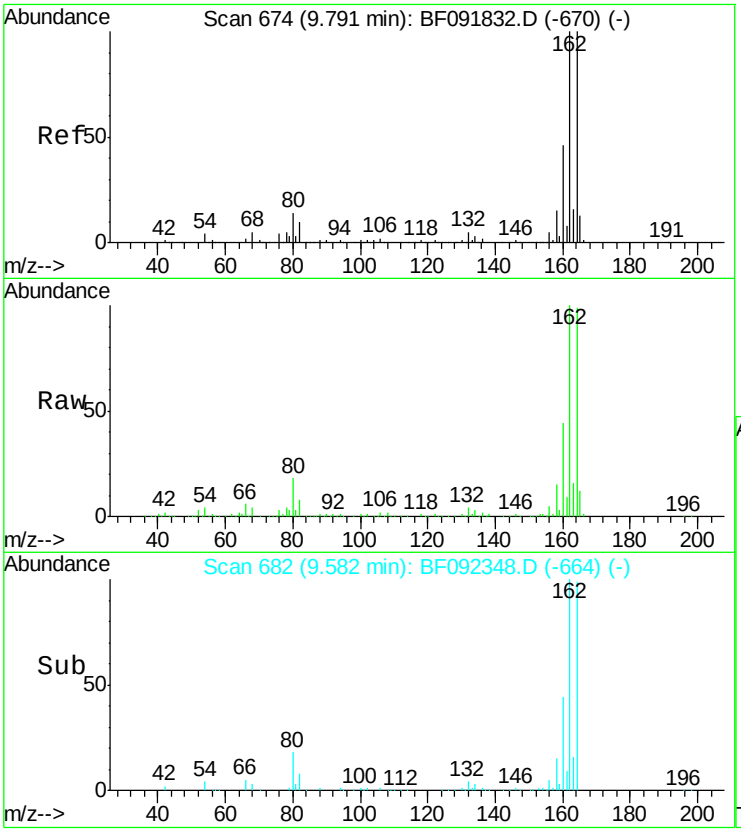




#37
2-Methylnaphthalene
Concen: 56.10 ng
RT: 8.54 min Scan# 591
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:142 Resp: 1029449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 86.4 | 71.0 | 106.6 |
| 115 | 33.0 | 28.3 | 42.5 |



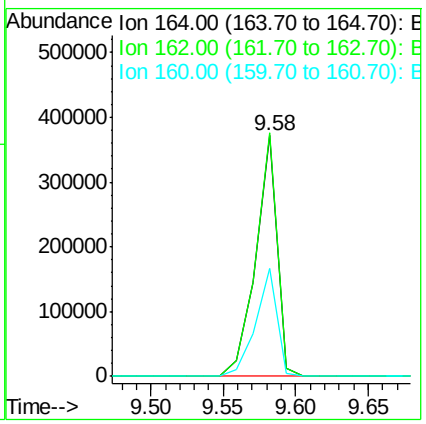


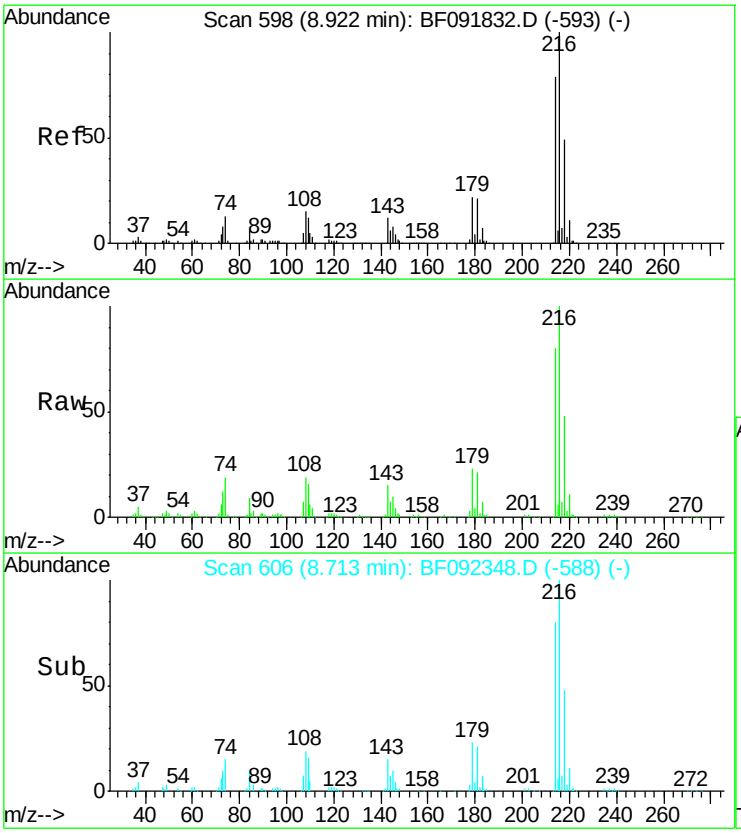

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:164 Resp: 379727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.1 | 80.2 | 120.2 |
| 160 | 44.9 | 36.9 | 55.3 |

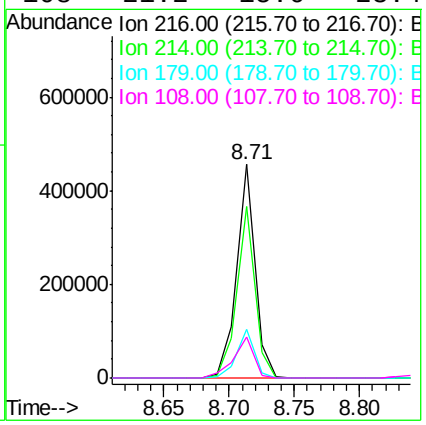


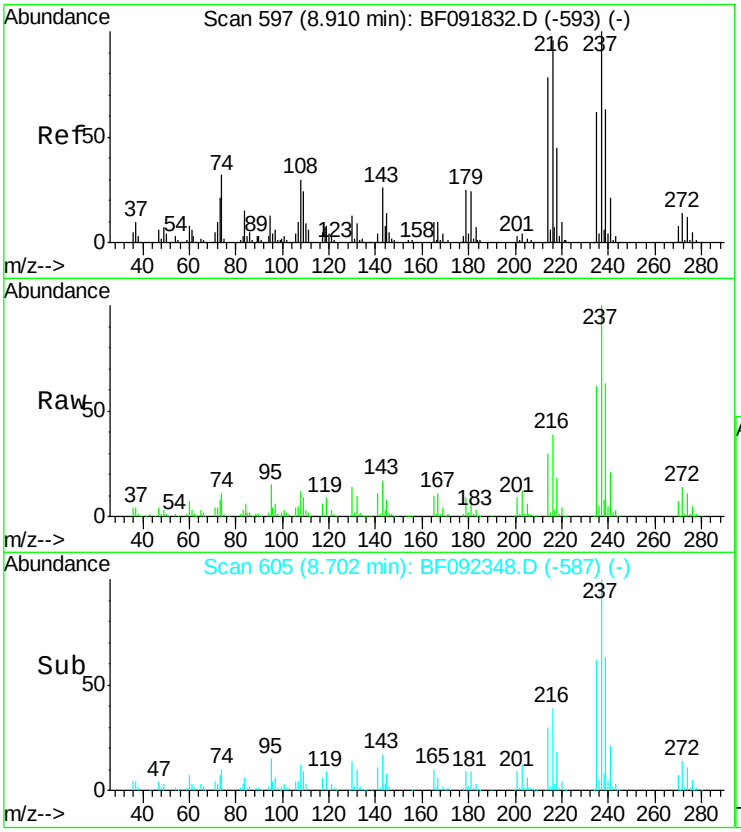




#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.32 ng
RT: 8.71 min Scan# 606
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:216 Resp: 444389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.4 | 63.4 | 95.0 |
| 179 | 22.0 | 17.4 | 26.2 |
| 108 | 21.2 | 15.6 | 23.4 |



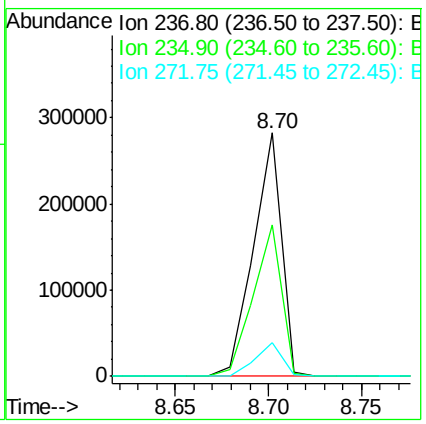


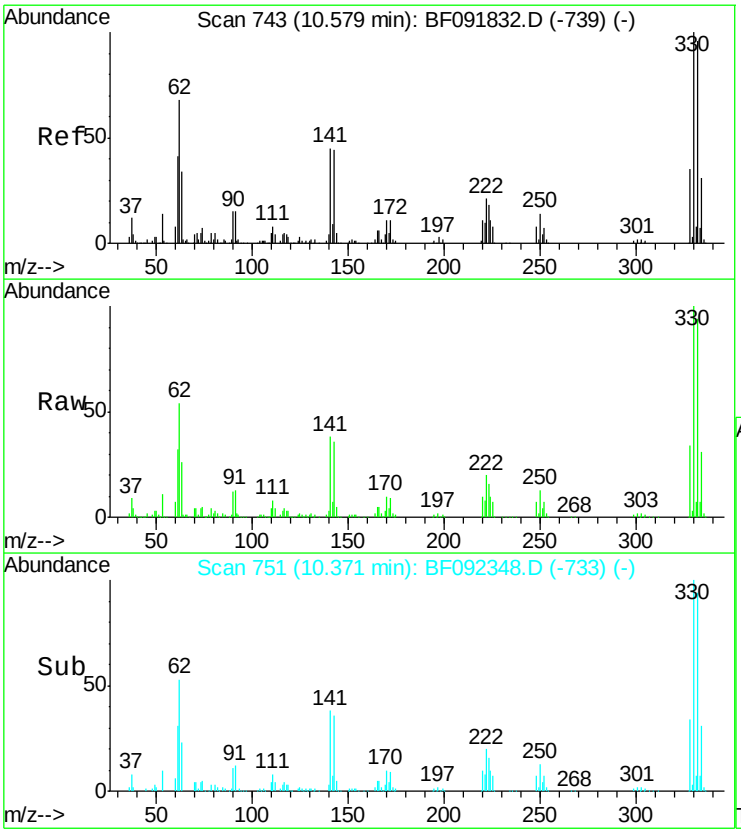

#40
Hexachlorocyclopentadiene
Concen: 69.12 ng
RT: 8.70 min Scan# 605
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:237 Resp: 292915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.4 | 41.2 | 81.2 |
| 272 | 14.0 | 0.0 | 35.4 |

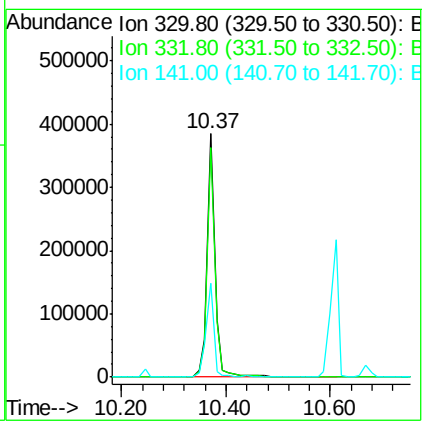


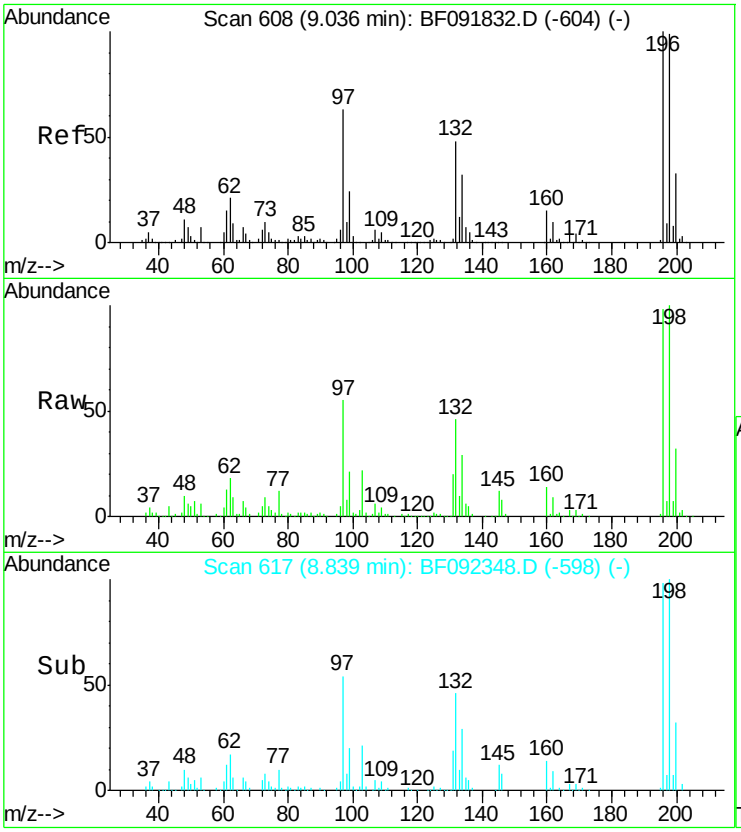




#41
2,4,6-Tribromophenol
Concen: 128.56 ng
RT: 10.37 min Scan# 751
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:330 Resp: 403990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.5 | 77.4 | 116.2 |
| 141 | 38.0 | 34.1 | 51.1 |



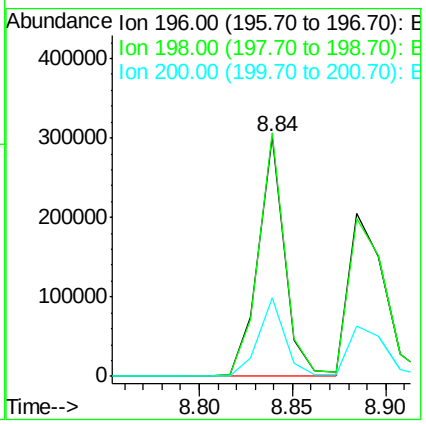


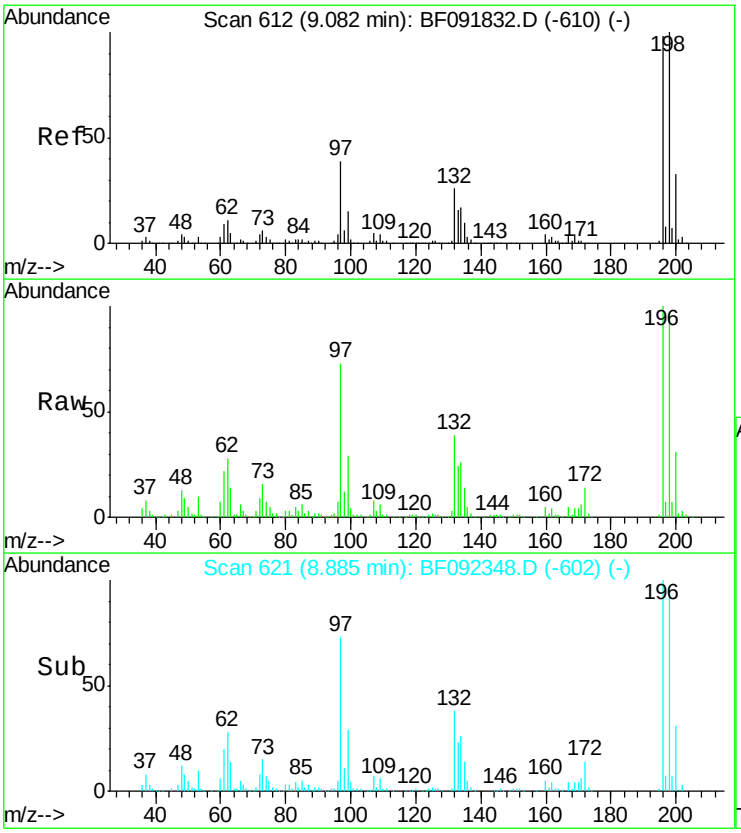

#42
2,4,6-Trichlorophenol
Concen: 44.48 ng
RT: 8.84 min Scan# 617
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:196 Resp: 298436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 101.6 | 82.1 | 123.1 |
| 200 | 32.6 | 27.0 | 40.4 |

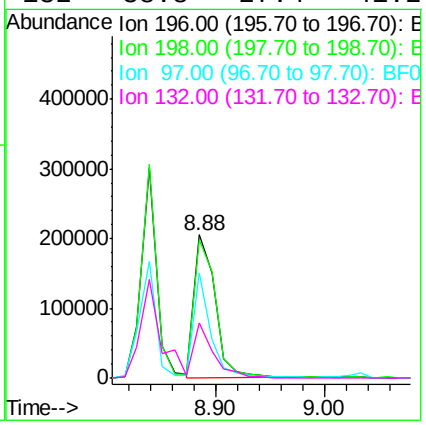


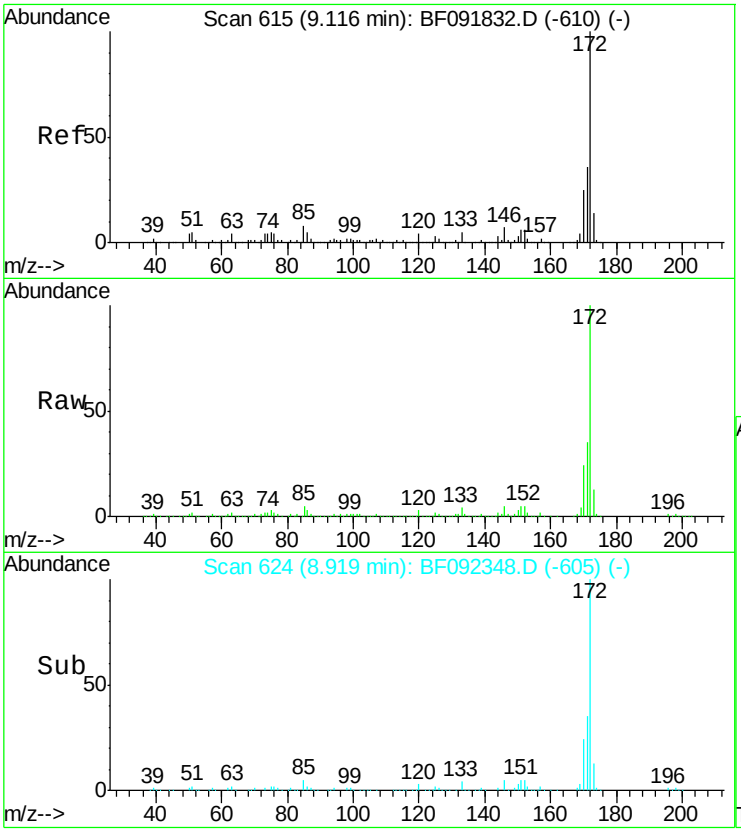




#43
2,4,5-Trichlorophenol
Concen: 40.10 ng
RT: 8.88 min Scan# 621
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:196 Resp: 276879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.9 | 79.4 | 119.2 |
| 97 | 73.5 | 51.5 | 77.3 |
| 132 | 38.8 | 27.4 | 41.2 |



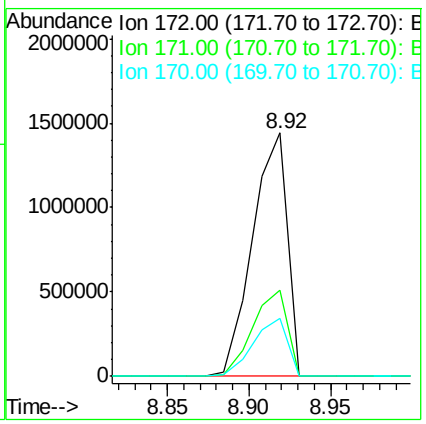


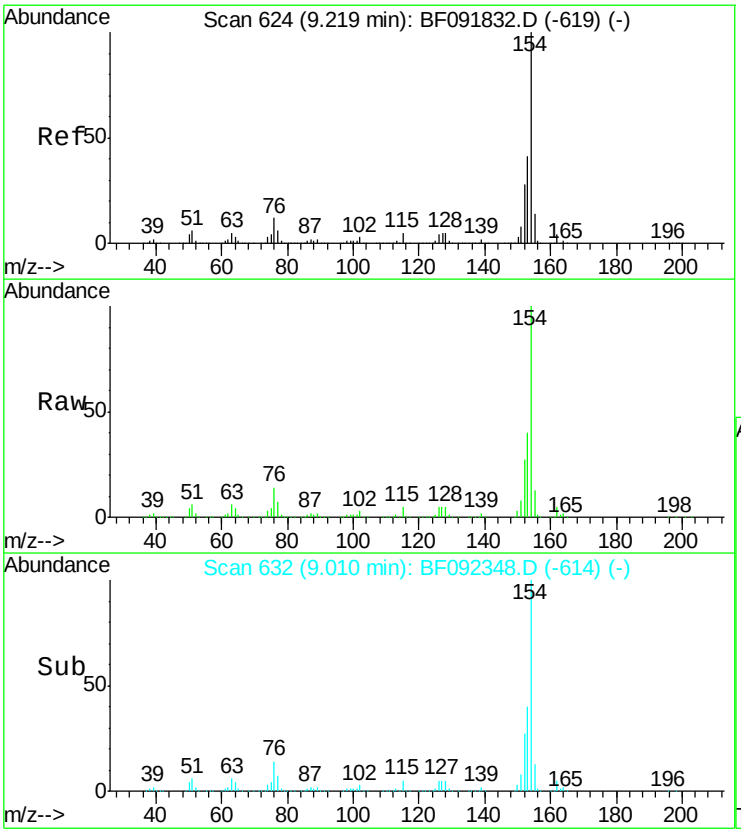

#44
2-Fluorobiphenyl
Concen: 120.58 ng
RT: 8.92 min Scan# 624
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:172 Resp: 2134699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 29.4 | 44.0 |
| 170 | 23.9 | 20.2 | 30.4 |

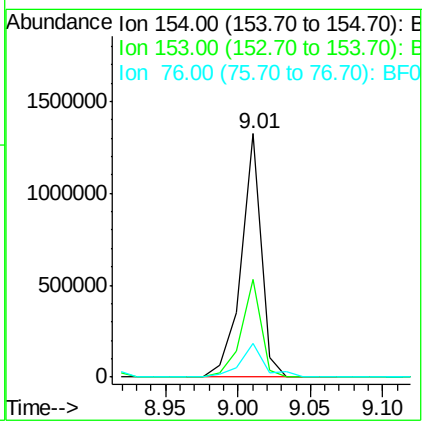


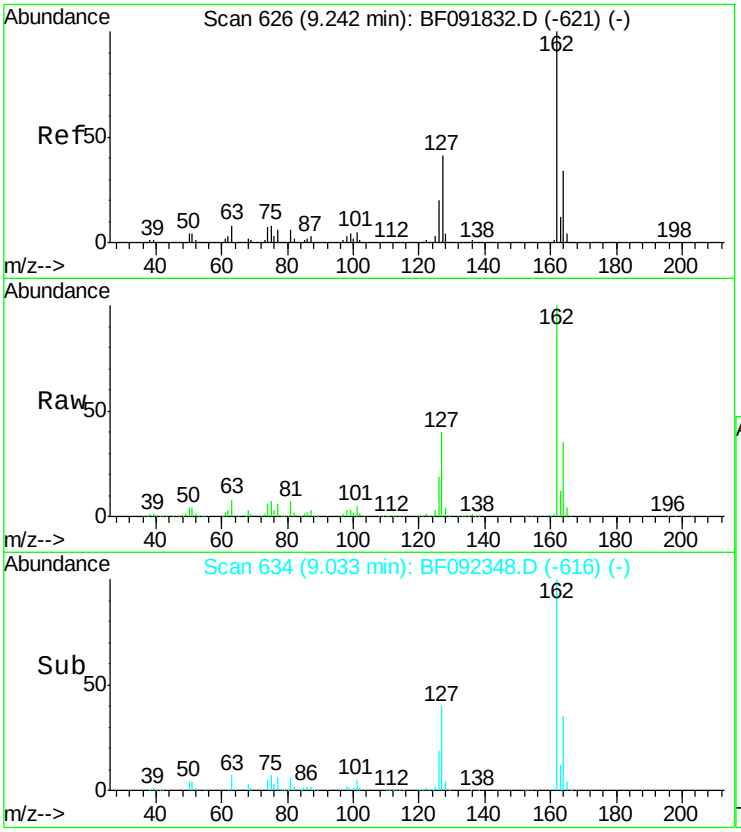




#45
1,1'-Biphenyl
Concen: 48.83 ng
RT: 9.01 min Scan# 632
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:154 Resp: 1269582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.1 | 20.9 | 60.9 |
| 76 | 13.8 | 0.0 | 30.5 |



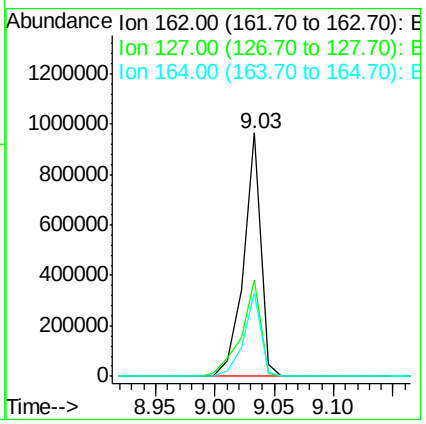


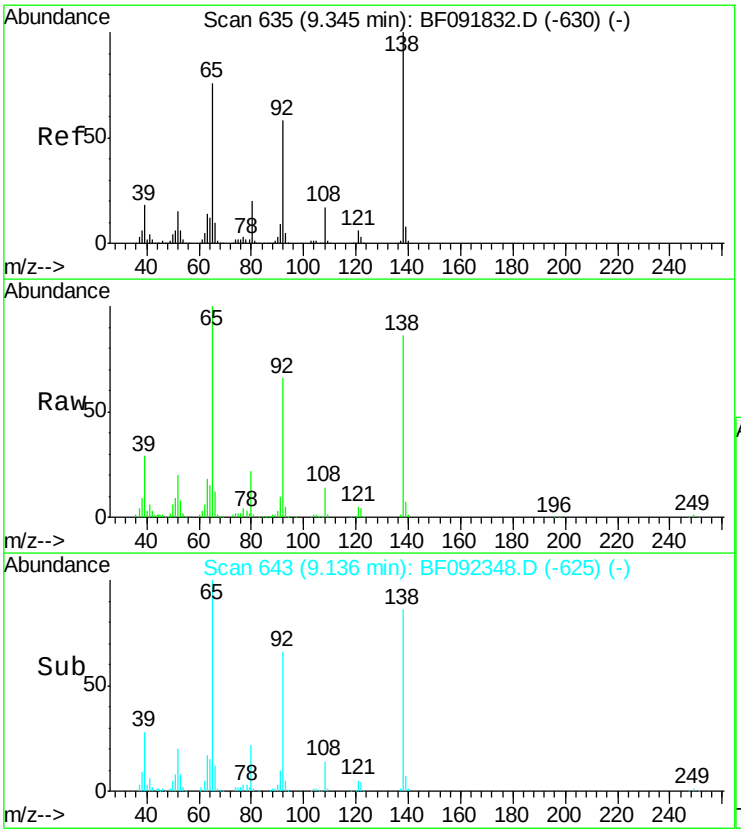

#46
2-Chloronaphthalene
Concen: 47.44 ng
RT: 9.03 min Scan# 634
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:162 Resp: 976725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.8 | 30.7 | 46.1 |
| 164 | 34.5 | 27.6 | 41.4 |

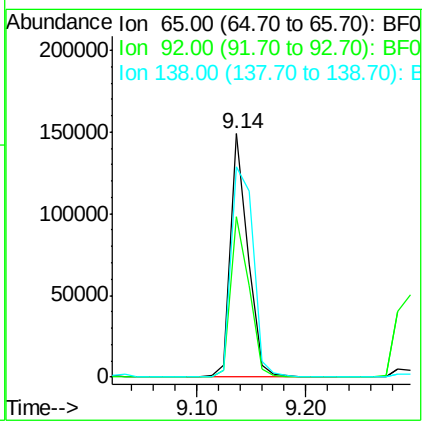


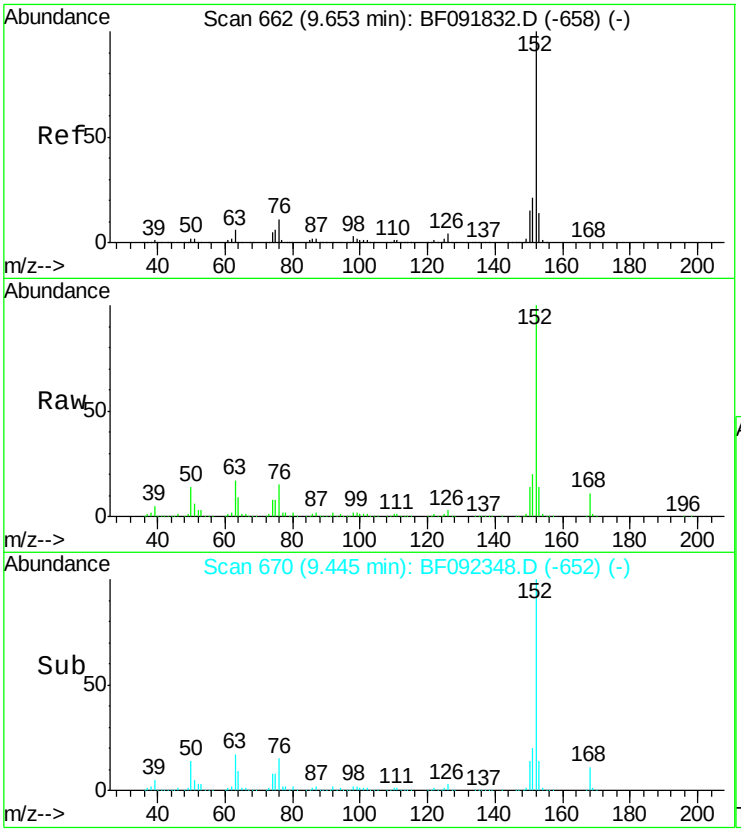




#47
2-Nitroaniline
Concen: 22.17 ng
RT: 9.14 min Scan# 643
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion: 65 Resp: 162561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 65.8 | 53.9 | 80.9 |
| 138 | 86.2 | 76.8 | 115.2 |



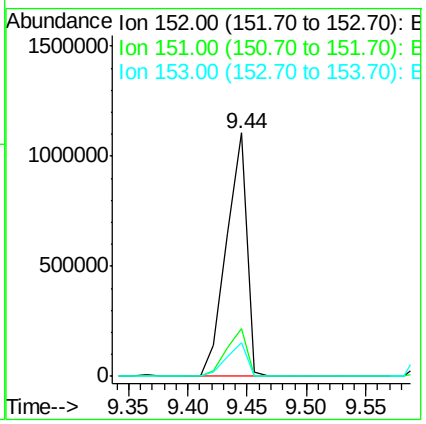


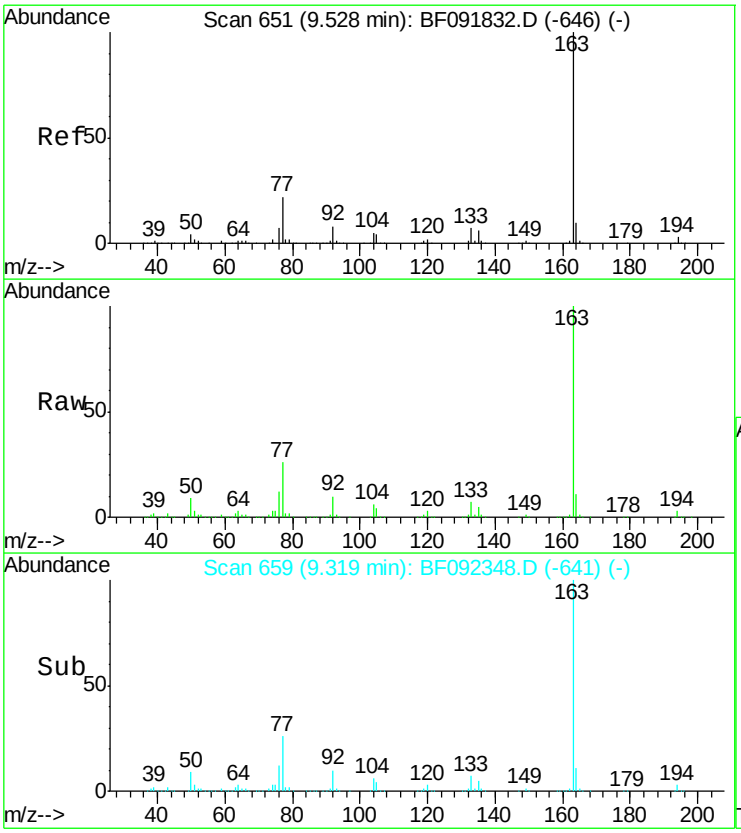

#48
Acenaphthylene
Concen: 41.51 ng
RT: 9.44 min Scan# 670
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:152 Resp: 1314510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 16.9 | 25.3 |
| 153 | 13.7 | 11.4 | 17.2 |

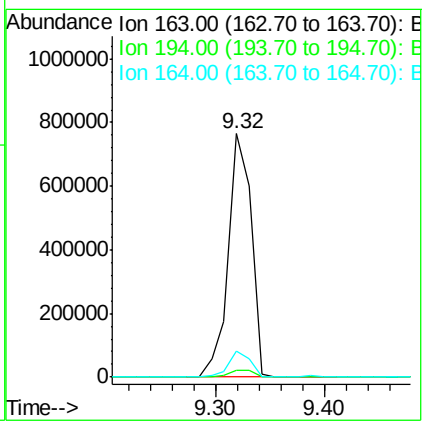


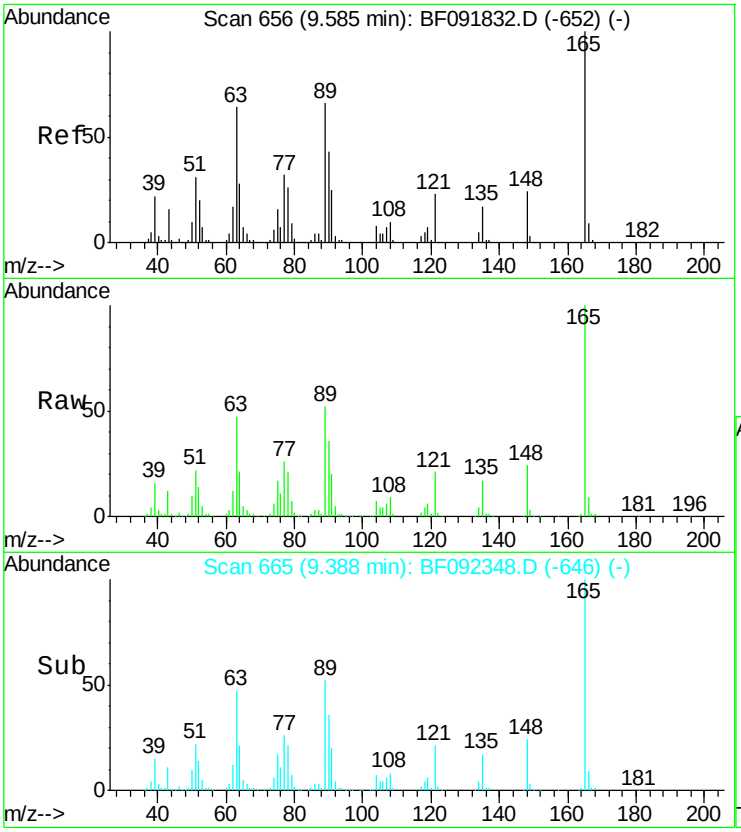




#49
Dimethylphthalate
Concen: 45.55 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:163 Resp: 1106154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.1 | 3.0 | 4.4 |
| 164 | 10.8 | 8.0 | 12.0 |



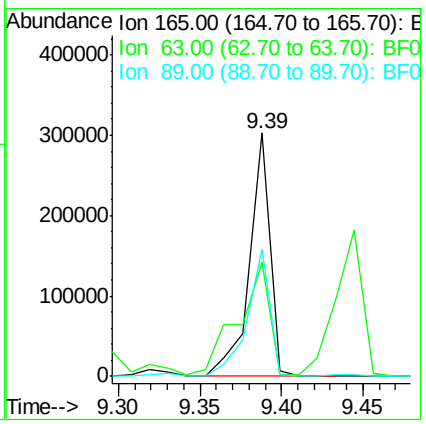


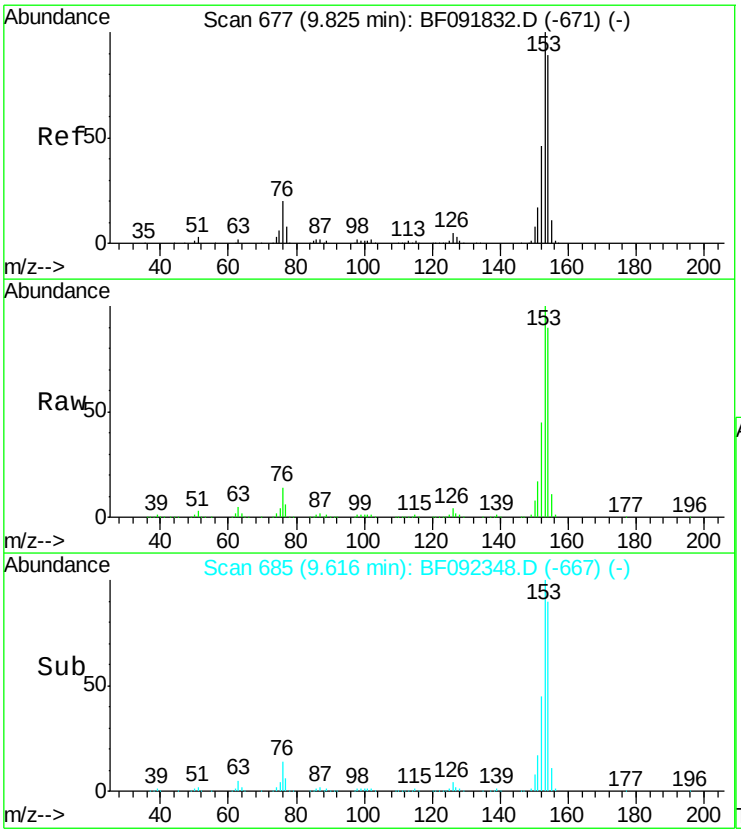

#50
2,6-Dinitrotoluene
Concen: 49.81 ng
RT: 9.39 min Scan# 665
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:165 Resp: 264761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 47.1 | 36.2 | 54.4 |
| 89 | 52.3 | 40.2 | 60.4 |

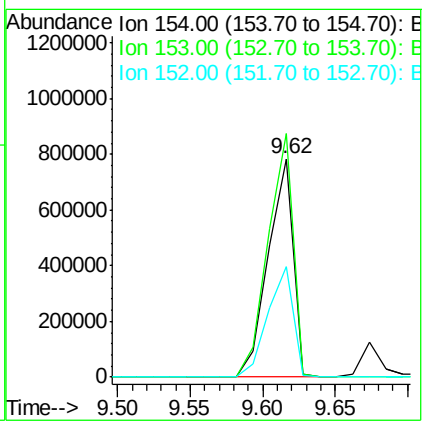


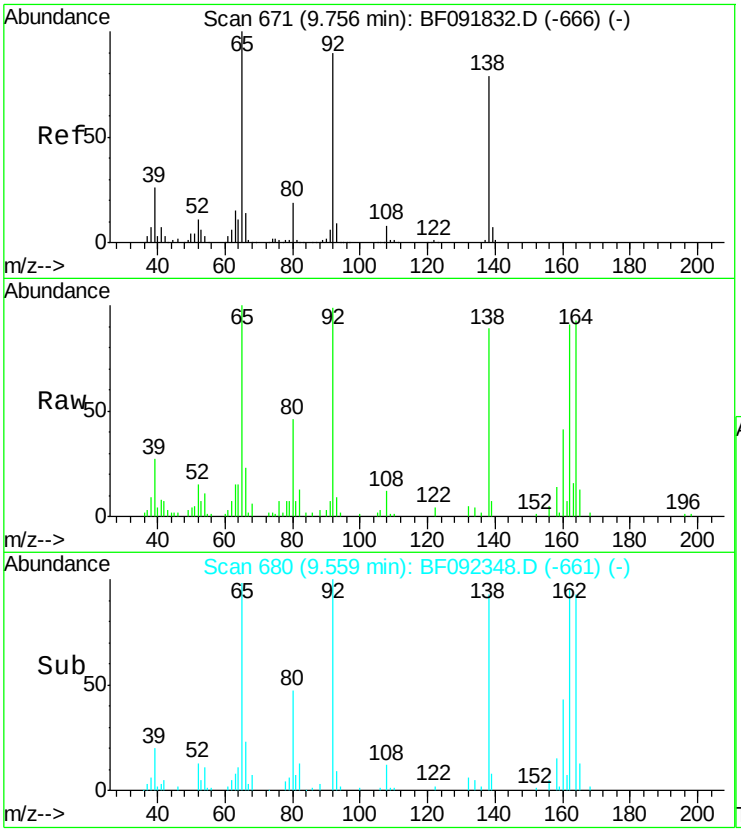




#51
Acenaphthene
Concen: 43.66 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:154 Resp: 937403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.5 | 88.6 | 133.0 |
| 152 | 50.7 | 41.6 | 62.4 |



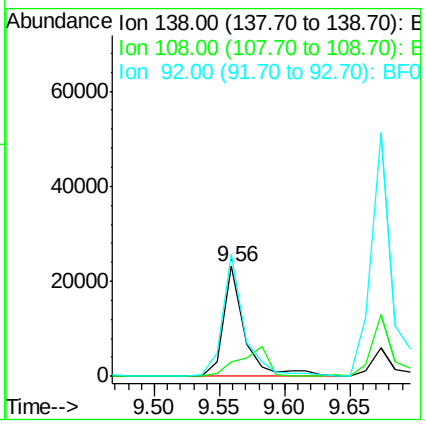


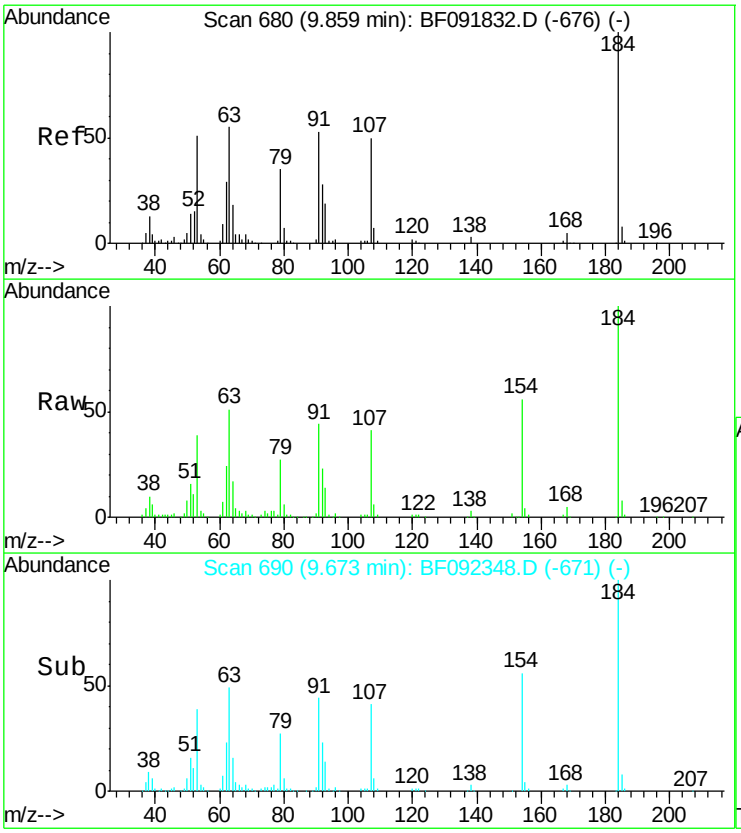

#52
3-Nitroaniline
Concen: 4.05 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:138 Resp: 26629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 13.2 | 8.5 | 12.7# |
| 92 | 111.0 | 97.8 | 146.8 |

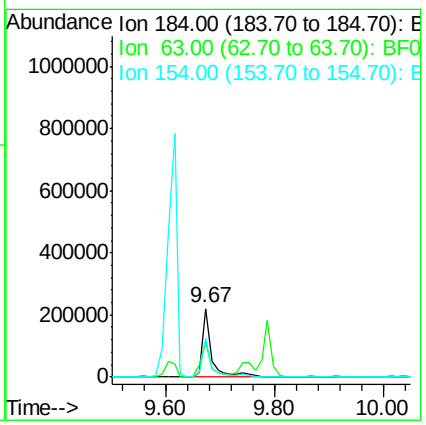


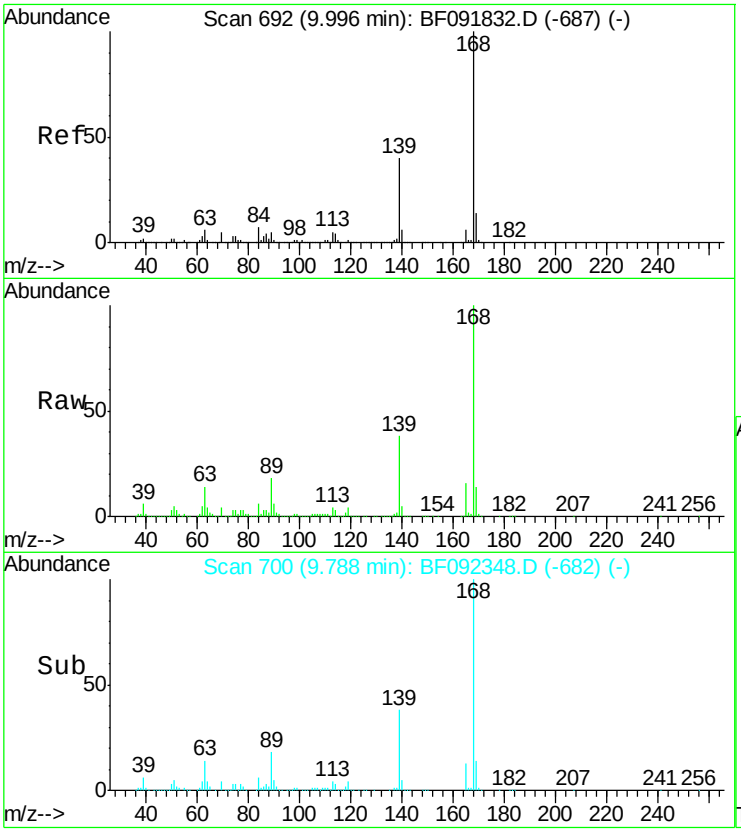




#53
2,4-Dinitrophenol
Concen: 89.04 ng
RT: 9.67 min Scan# 690
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:184 Resp: 263373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 50.8 | 28.4 | 42.6# |
| 154 | 56.2 | 44.3 | 66.5 |



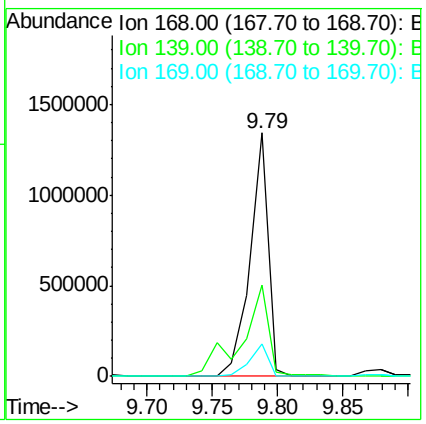


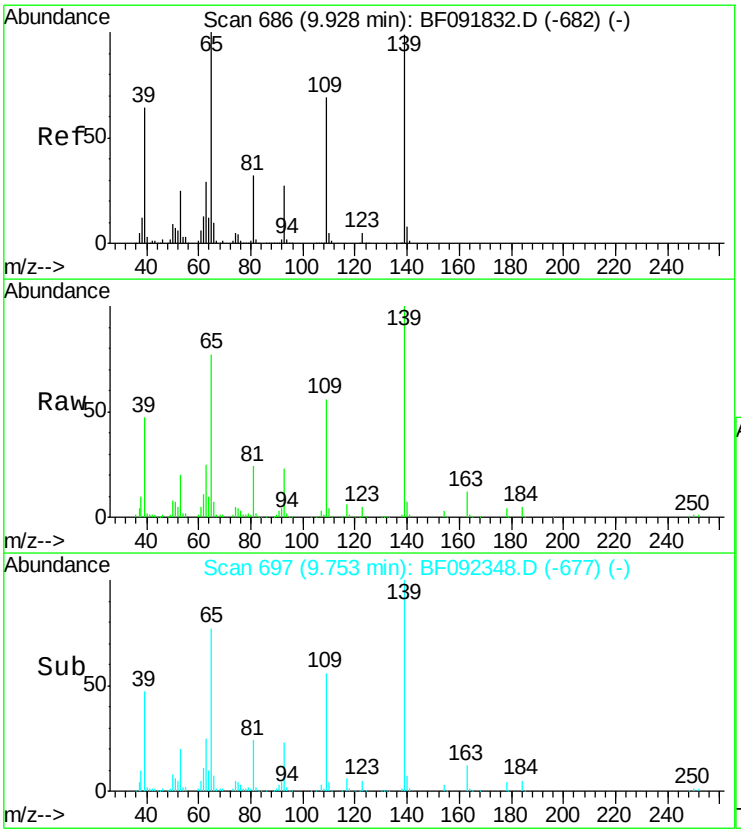

#54
Dibenzofuran
Concen: 45.03 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:168 Resp: 1305417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.5 | 32.6 | 49.0 |
| 169 | 13.5 | 11.3 | 16.9 |

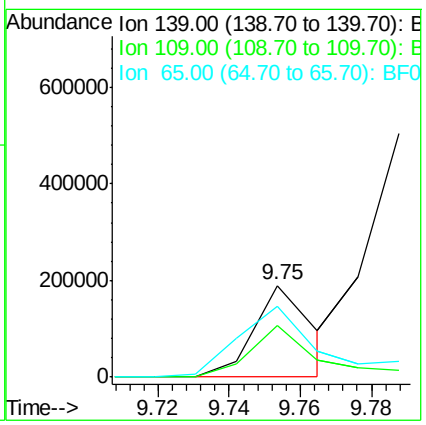


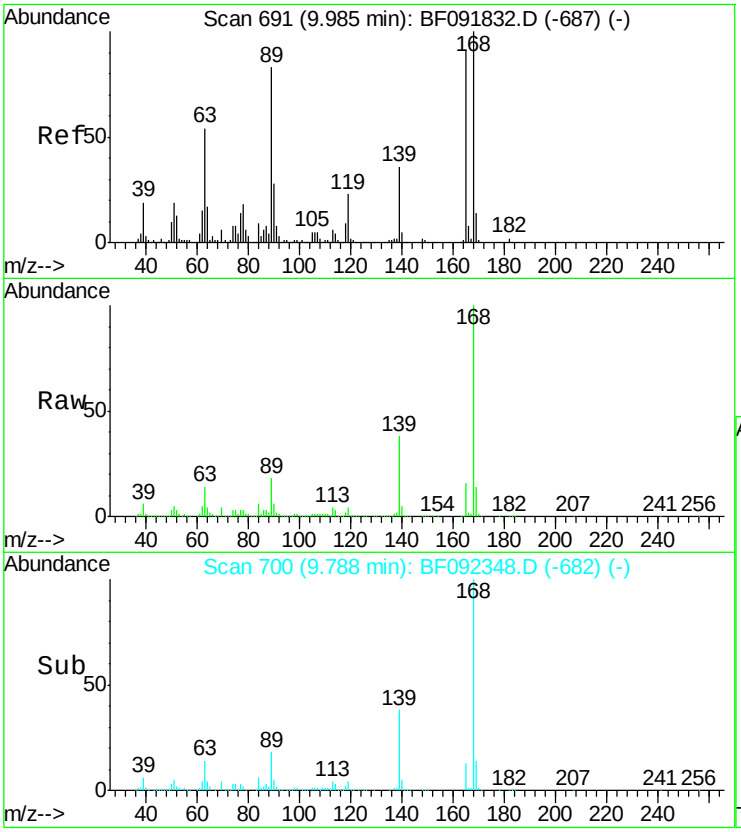




#55
4-Nitrophenol
Concen: 48.92 ng m
RT: 9.75 min Scan# 697
Delta R.T. -0.08 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:139 Resp: 218525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 55.8 | 52.2 | 92.2 |
| 65 | 77.2 | 85.8 | 125.8# |



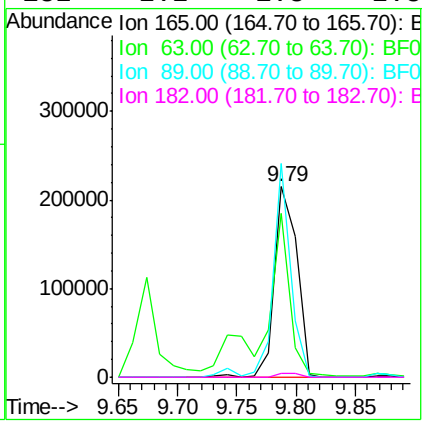


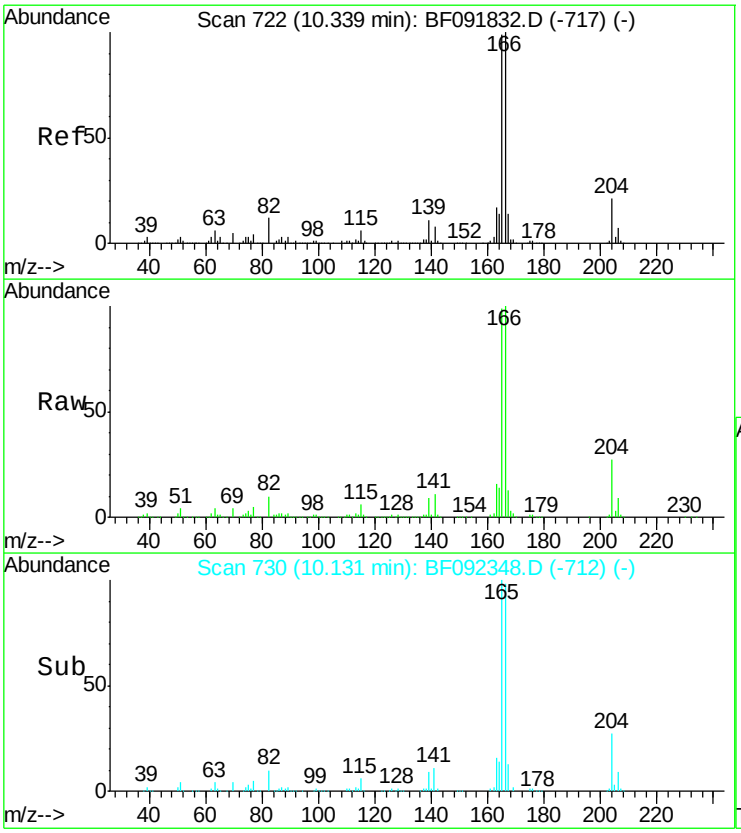

#56
2,4-Dinitrotoluene
Concen: 42.19 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:165 Resp: 281496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 85.9 | 40.2 | 60.4# |
| 89 | 112.1 | 62.5 | 93.7# |
| 182 | 2.2 | 1.8 | 2.8 |

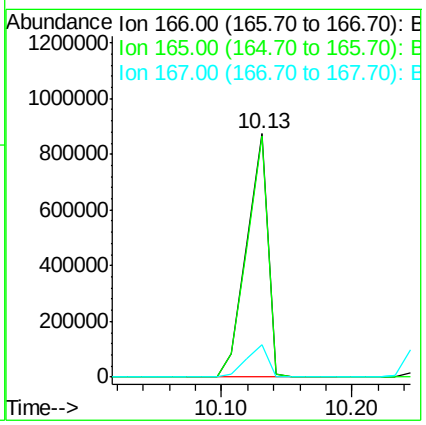


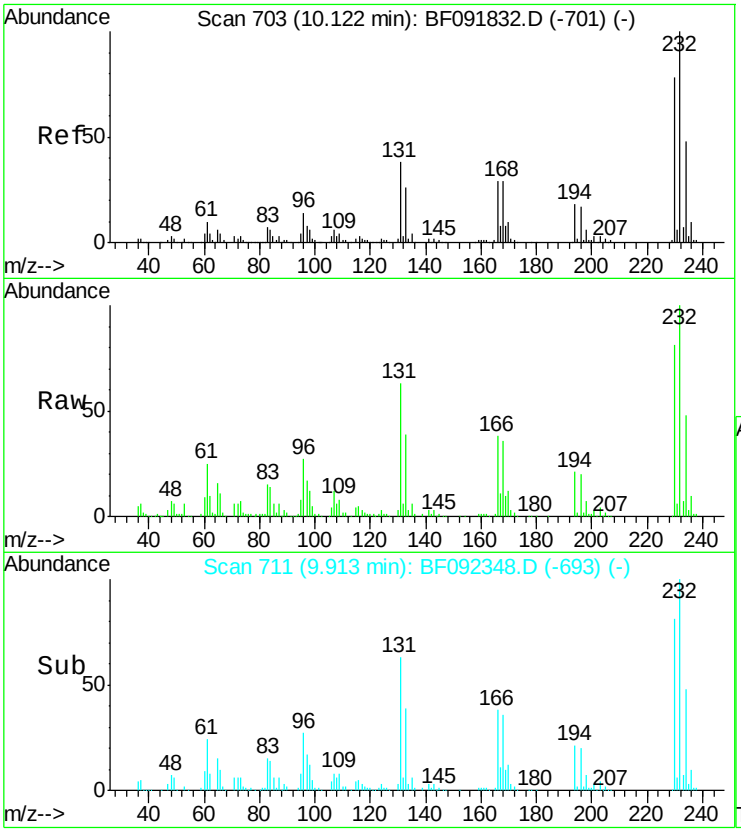




#57
Fluorene
Concen: 47.02 ng
RT: 10.13 min Scan# 730
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:166 Resp: 991828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.8 | 77.8 | 116.8 |
| 167 | 13.5 | 10.8 | 16.2 |



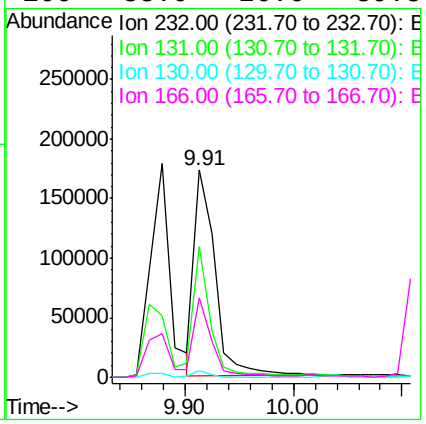


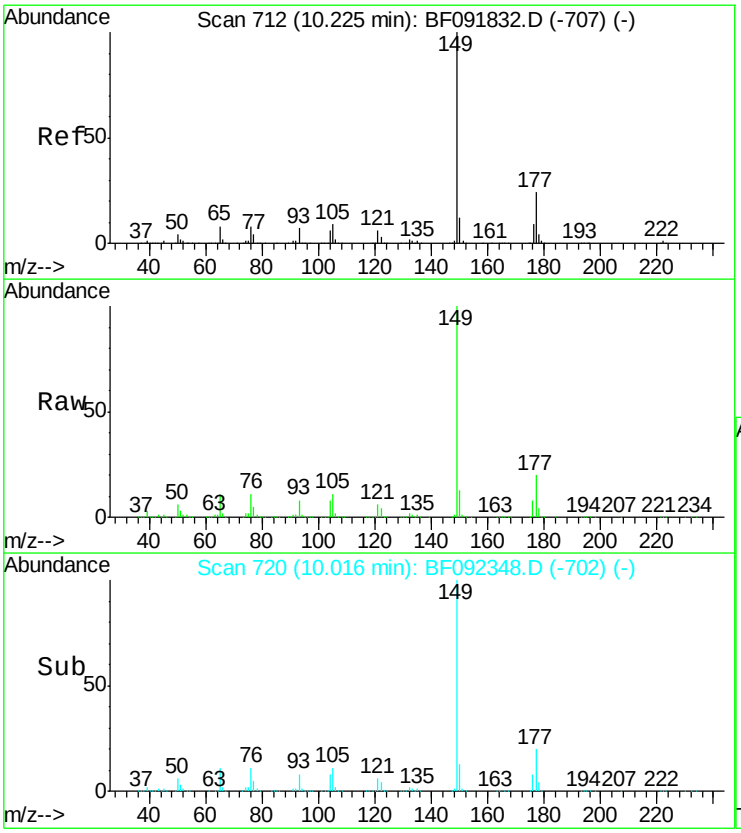

#58
2,3,4,6-Tetrachlorophenol
Concen: 42.54 ng
RT: 9.91 min Scan# 711
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:232 Resp: 232344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 53.6 | 40.1 | 60.1 |
| 130 | 2.6 | 1.8 | 2.8 |
| 166 | 33.0 | 26.6 | 39.8 |

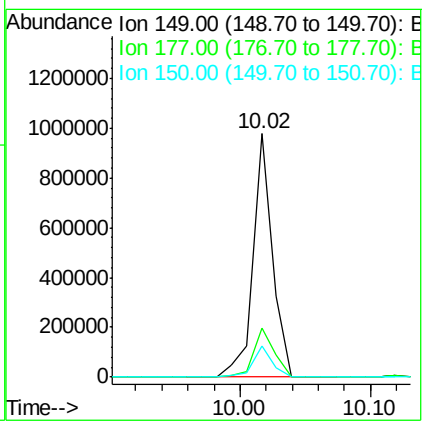


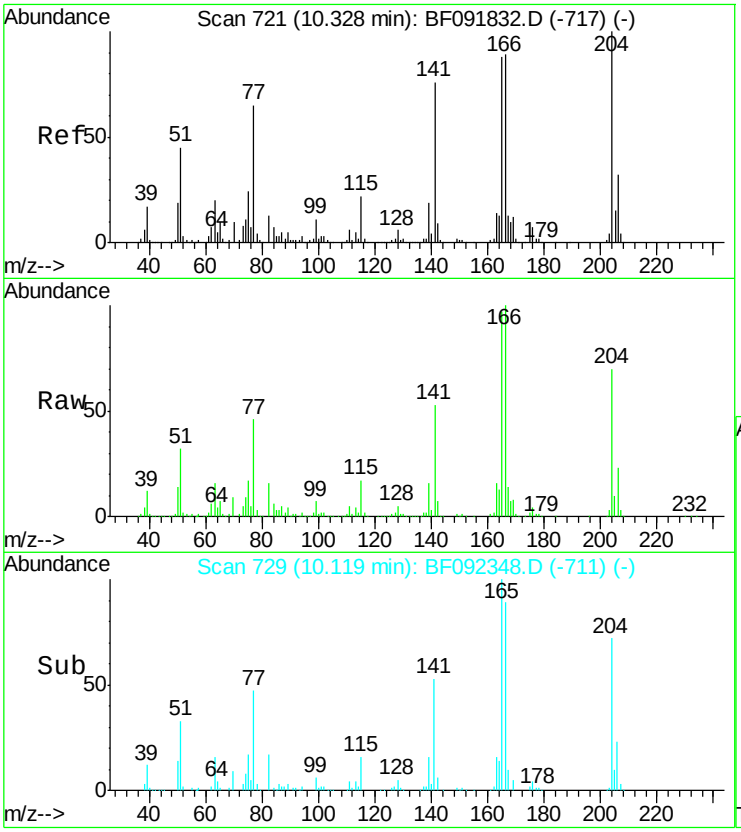




#59
Diethylphthalate
Concen: 42.86 ng
RT: 10.02 min Scan# 720
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:149 Resp: 1010921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 20.3 | 16.6 | 25.0 |
| 150 | 13.0 | 10.4 | 15.6 |



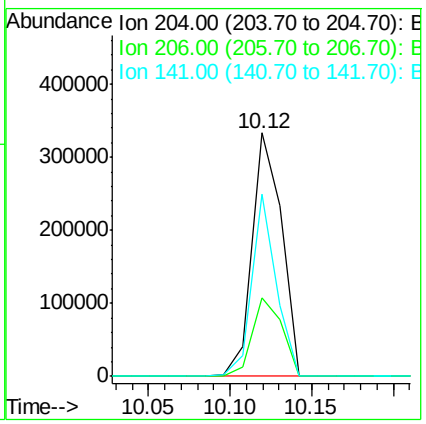


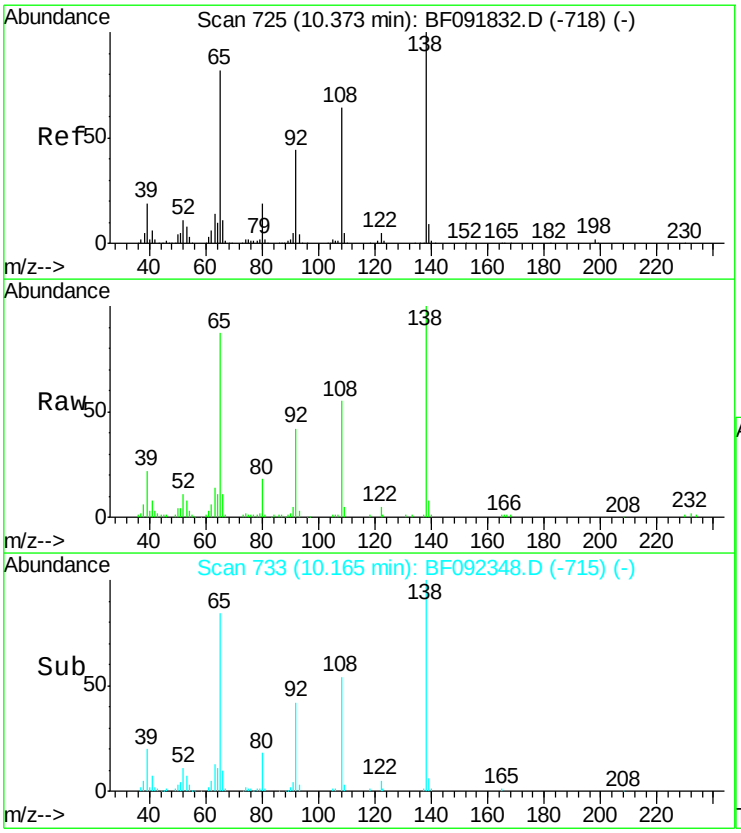

#60
4-Chlorophenyl-phenylether
Concen: 45.41 ng
RT: 10.12 min Scan# 729
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:204 Resp: 419430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.2 | 25.8 | 38.6 |
| 141 | 74.8 | 59.4 | 89.0 |

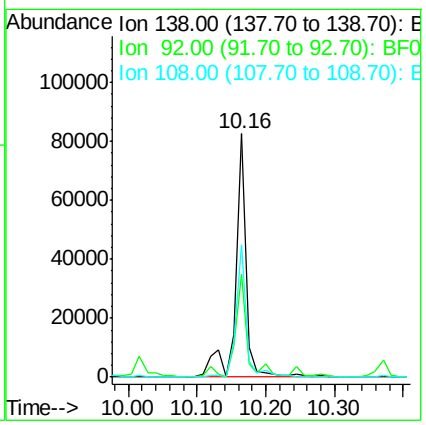


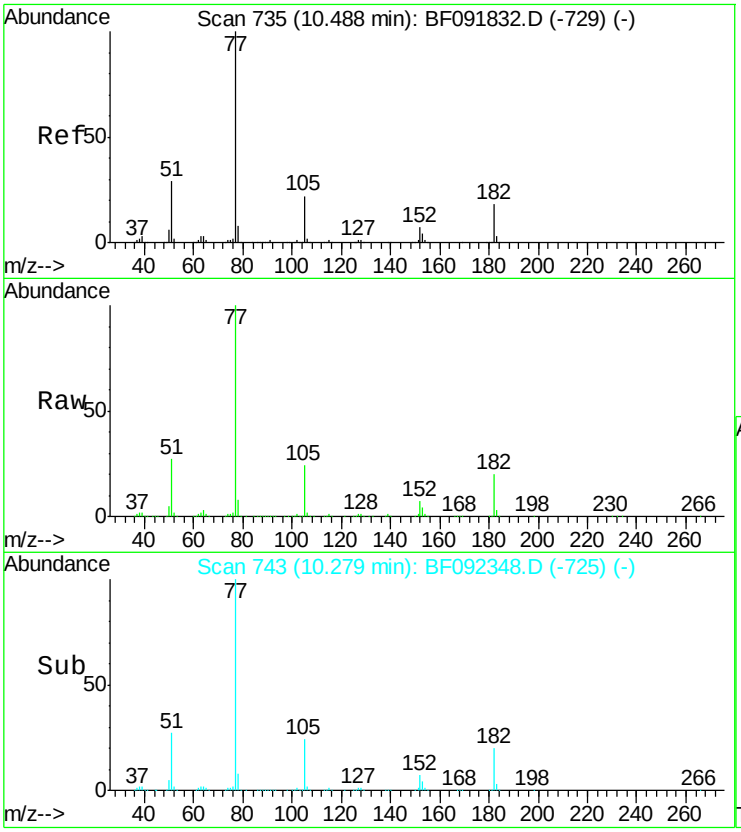




#61
4-Nitroaniline
Concen: 13.31 ng
RT: 10.16 min Scan# 733
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:138 Resp: 90766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 42.0 | 31.7 | 71.7 |
| 108 | 54.6 | 52.6 | 92.6 |



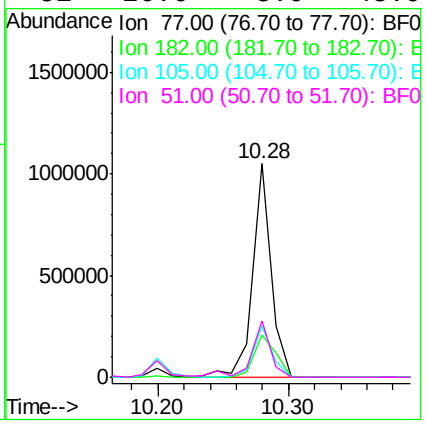


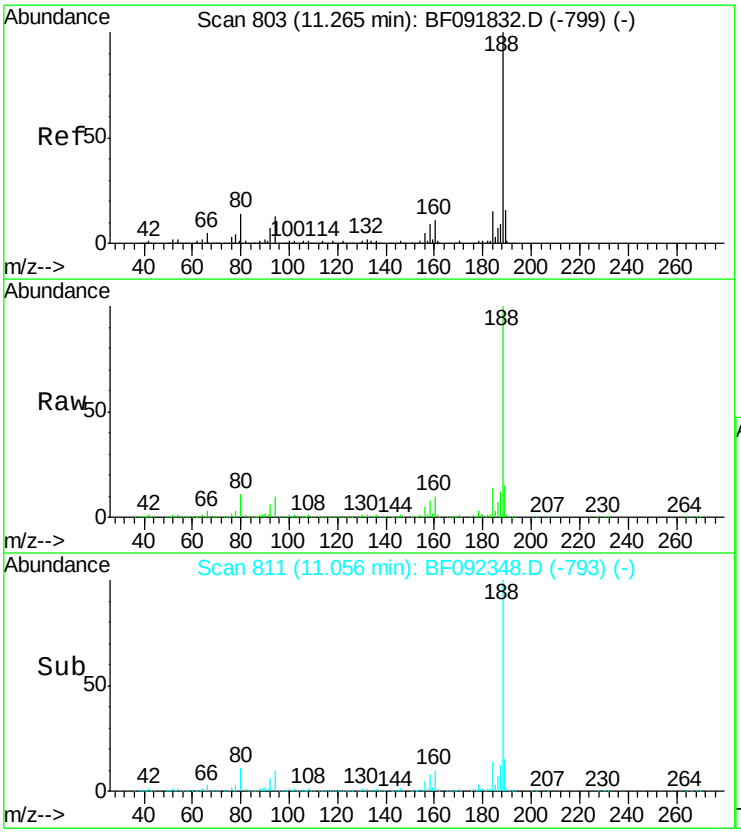

#62
Azobenzene
Concen: 40.14 ng
RT: 10.28 min Scan# 743
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion: 77 Resp: 1042495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 19.8 | 0.0 | 39.3 |
| 105 | 23.9 | 2.3 | 42.3 |
| 51 | 26.6 | 8.9 | 48.9 |

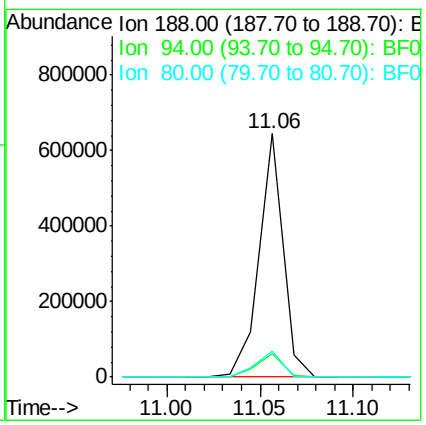


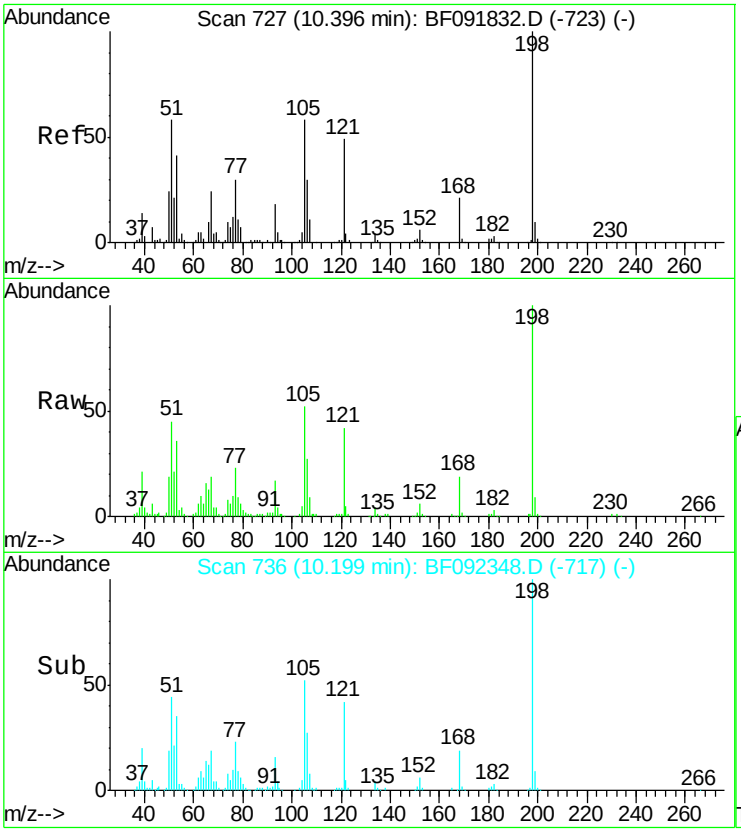




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:188 Resp: 571041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.9 | 10.0 | 15.0# |
| 80 | 10.6 | 11.2 | 16.8# |



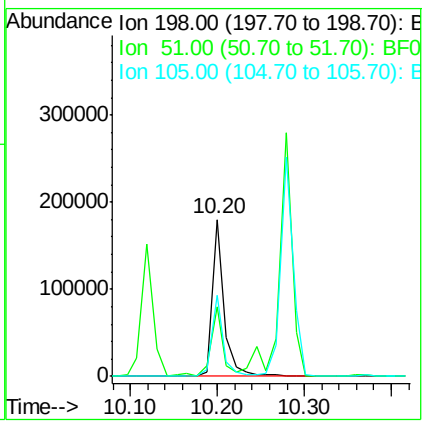


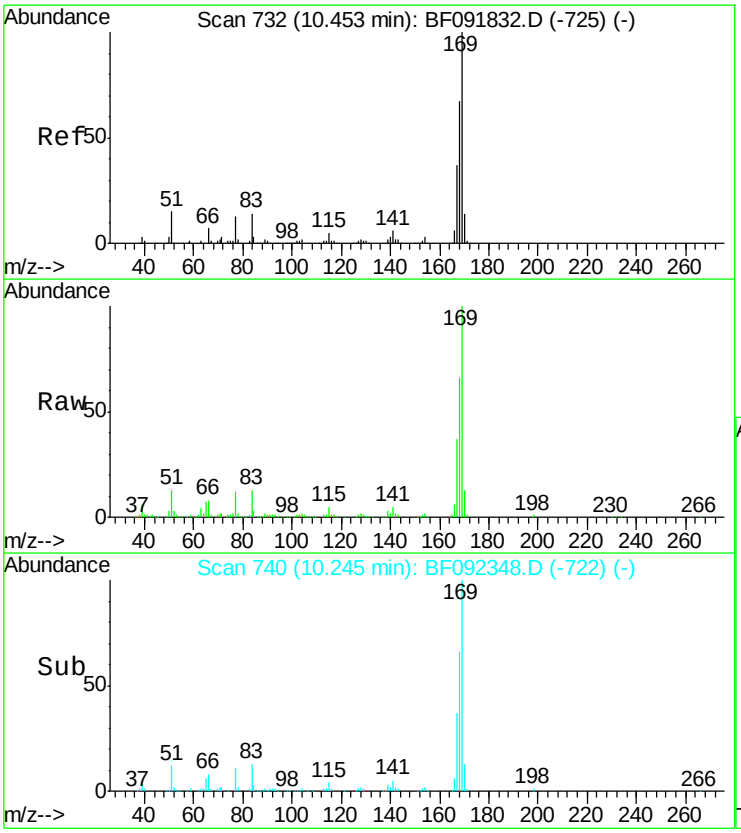

#64
4,6-Dinitro-2-methylphenol
Concen: 50.57 ng
RT: 10.20 min Scan# 736
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:198 Resp: 174606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 44.8 | 6.7 | 46.7 |
| 105 | 51.7 | 16.6 | 56.6 |

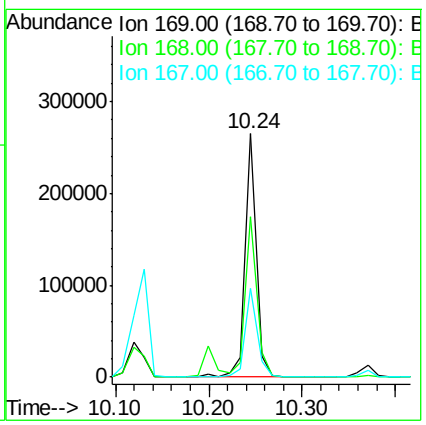


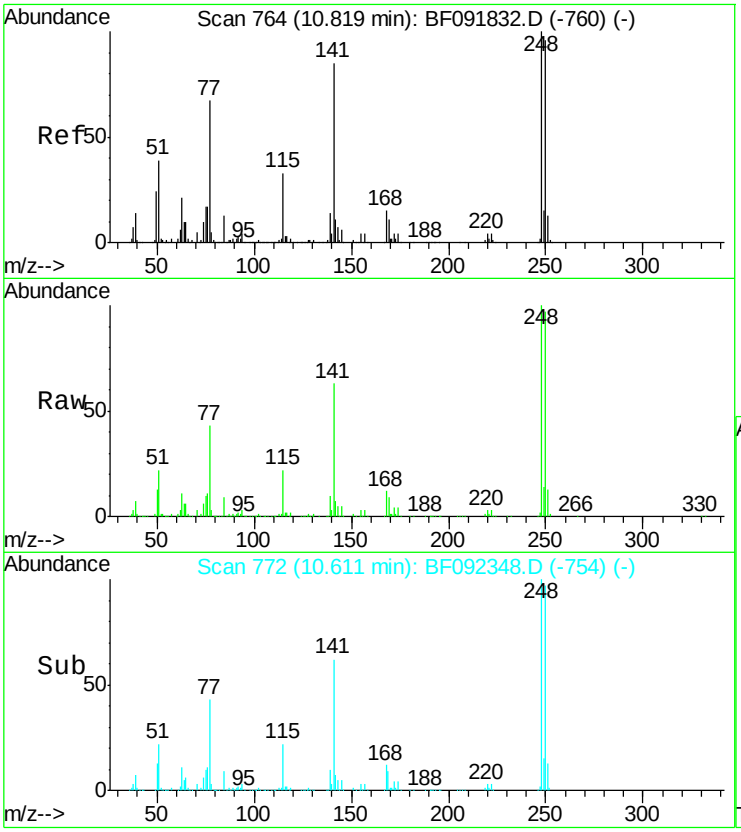




#65
n-Nitrosodiphenylamine
Concen: 13.00 ng
RT: 10.24 min Scan# 740
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:169 Resp: 220296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.9 | 54.2 | 81.2 |
| 167 | 36.6 | 30.2 | 45.4 |



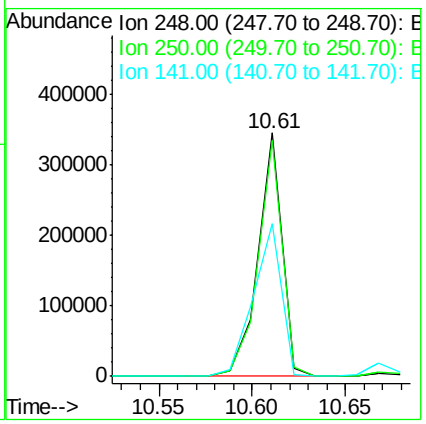


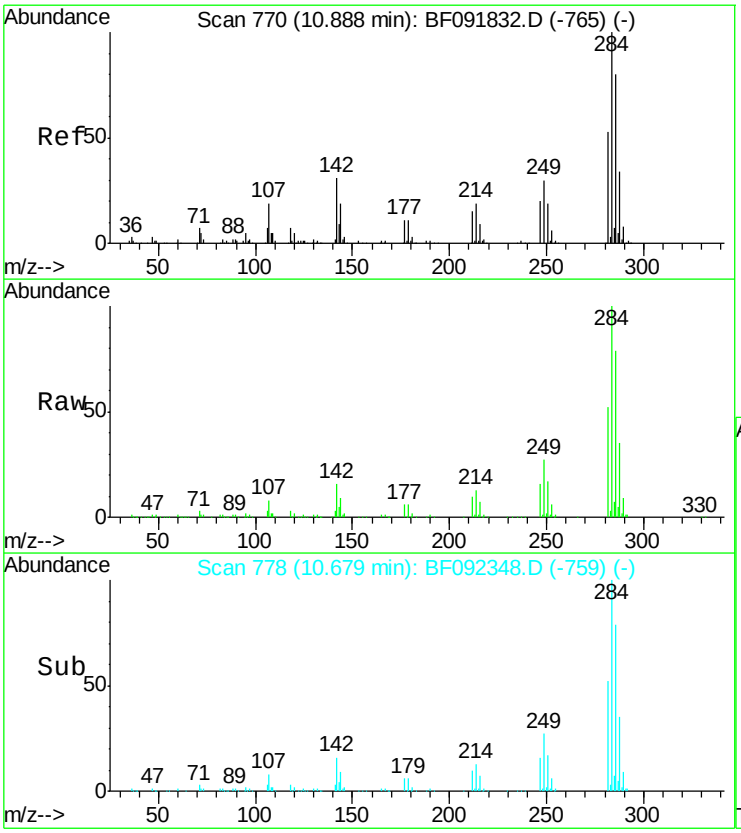

#66
4-Bromophenyl-phenylether
Concen: 51.48 ng
RT: 10.61 min Scan# 772
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:248 Resp: 305824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.1 | 76.9 | 115.3 |
| 141 | 62.9 | 68.2 | 102.4# |

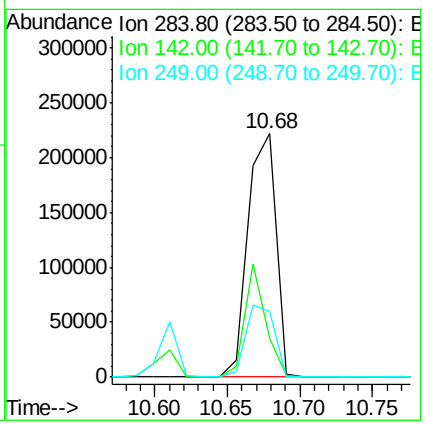


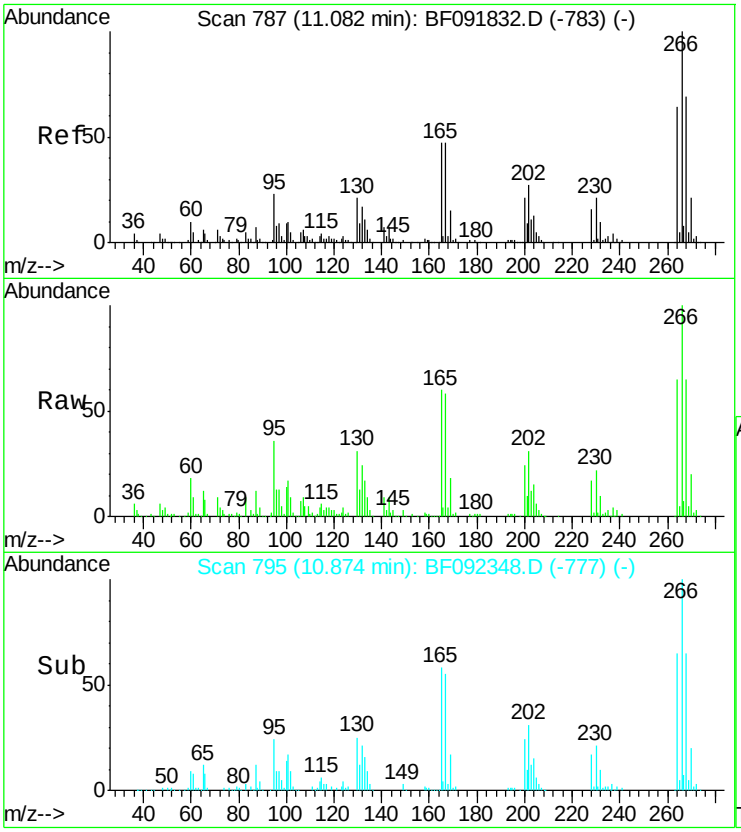




#67
Hexachlorobenzene
Concen: 46.87 ng
RT: 10.68 min Scan# 778
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:284 Resp: 297624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 16.1 | 22.6 | 33.8# |
| 249 | 26.9 | 25.4 | 38.0 |



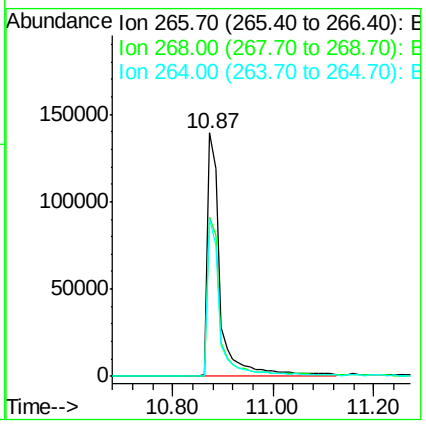


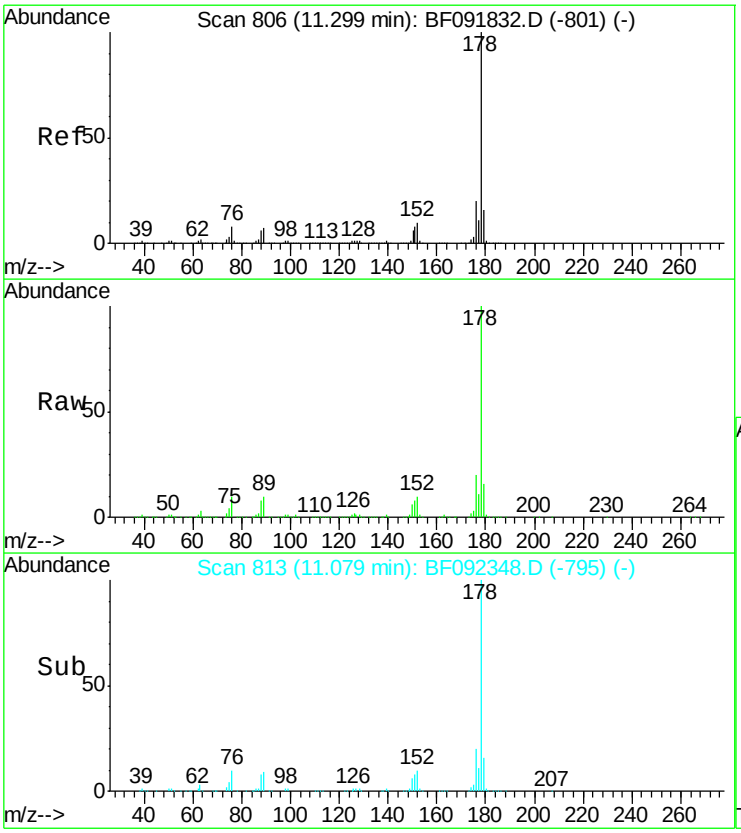

#69
Pentachlorophenol
Concen: 80.81 ng
RT: 10.87 min Scan# 795
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:266 Resp: 251755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.1 | 53.3 | 79.9 |
| 264 | 64.8 | 50.3 | 75.5 |

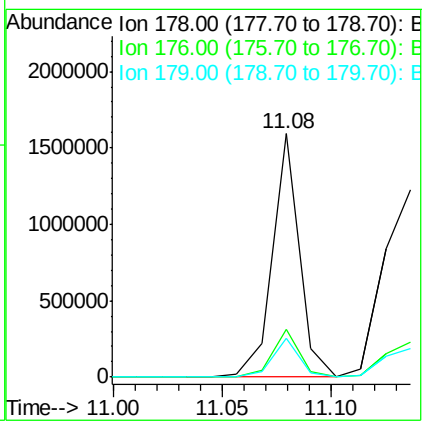


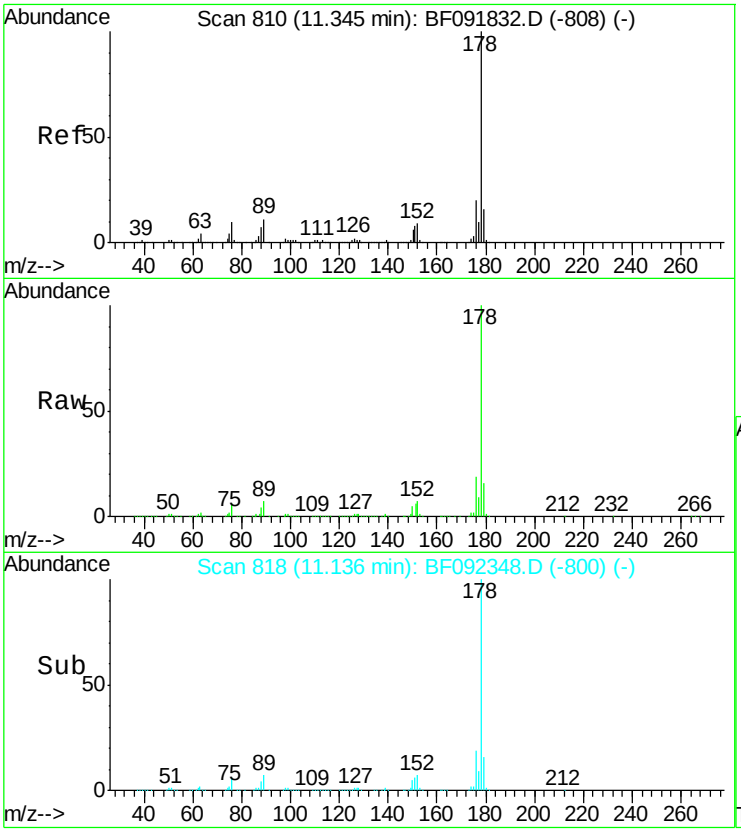




#70
Phenanthrene
Concen: 44.88 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:178 Resp: 1389581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 16.6 | 25.0 |
| 179 | 15.9 | 12.8 | 19.2 |



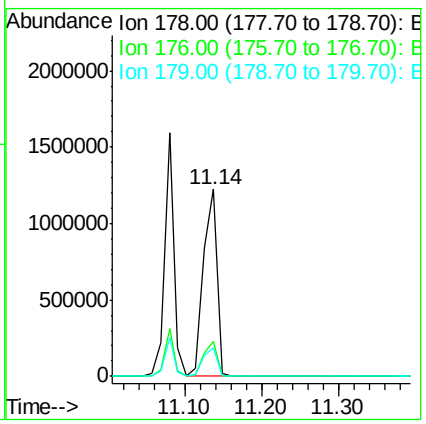


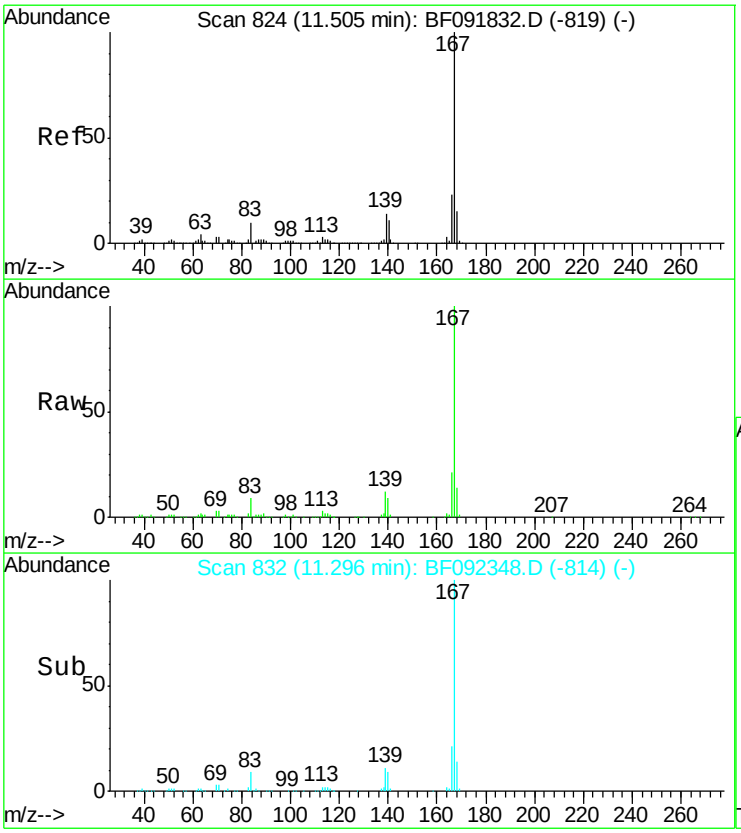

#71
Anthracene
Concen: 61.04 ng
RT: 11.14 min Scan# 818
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:178 Resp: 1473230

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.9 | 23.9 |
| 179 | 15.5 | 13.2 | 19.8 |

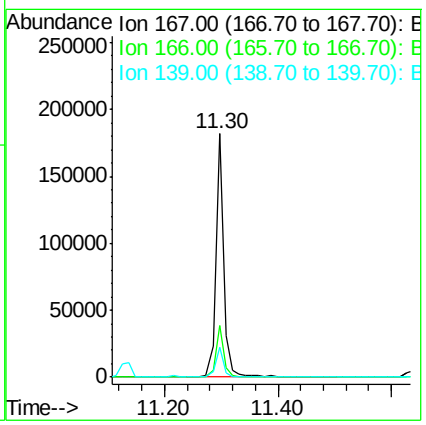


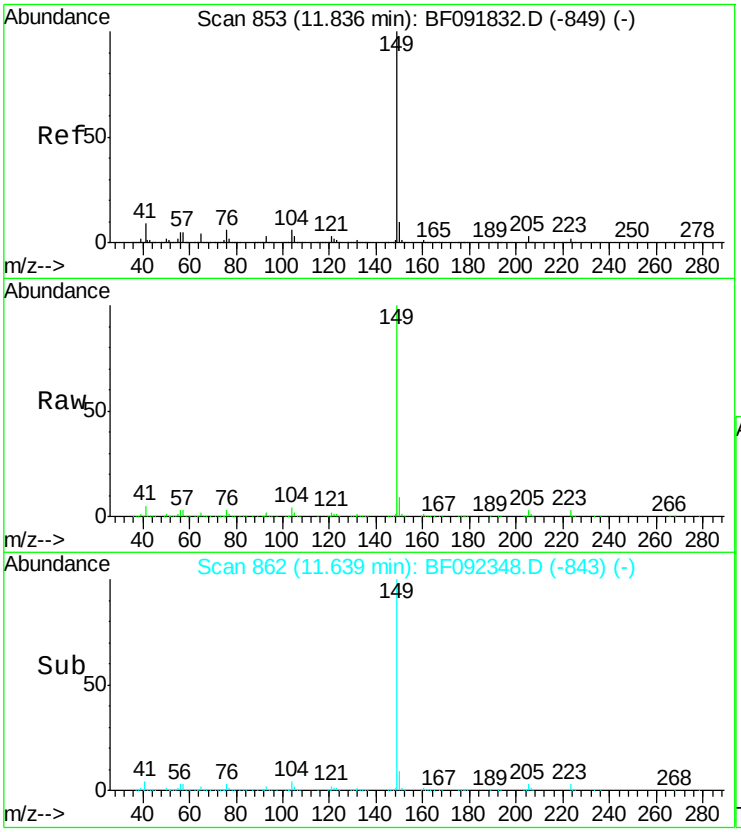




#72
Carbazole
Concen: 4.85 ng
RT: 11.30 min Scan# 832
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:167 Resp: 169945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.0 | 18.2 | 27.2 |
| 139 | 12.3 | 11.4 | 17.2 |



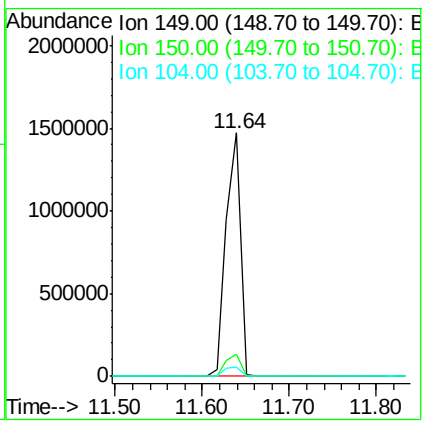


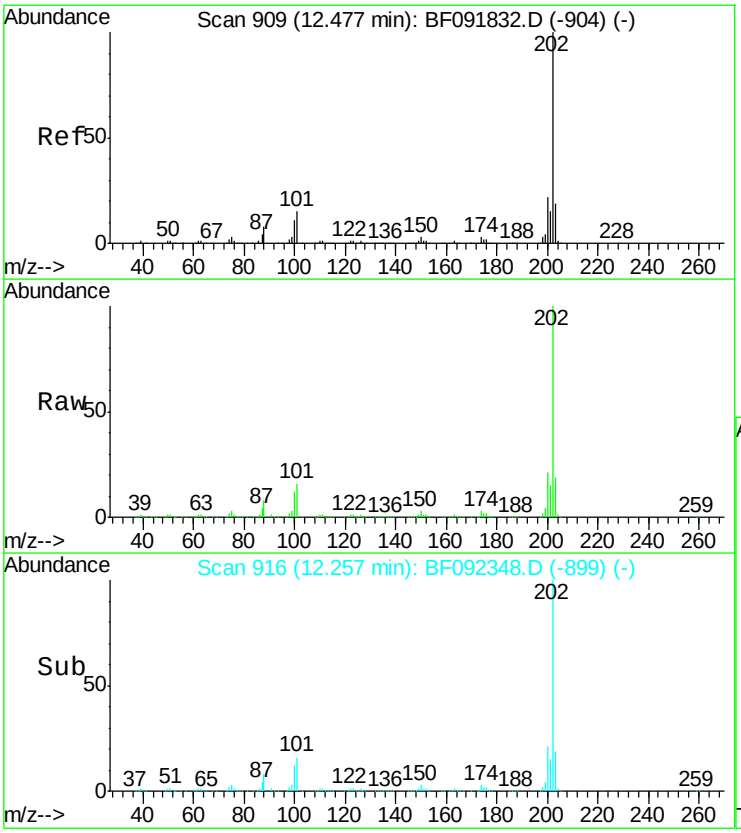

#73
Di-n-butylphthalate
Concen: 59.39 ng
RT: 11.64 min Scan# 862
Delta R.T. -0.09 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:149 Resp: 1704023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.3 | 8.1 | 12.1 |
| 104 | 3.9 | 4.6 | 7.0# |

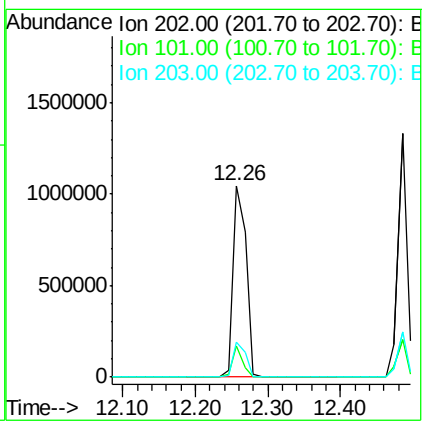


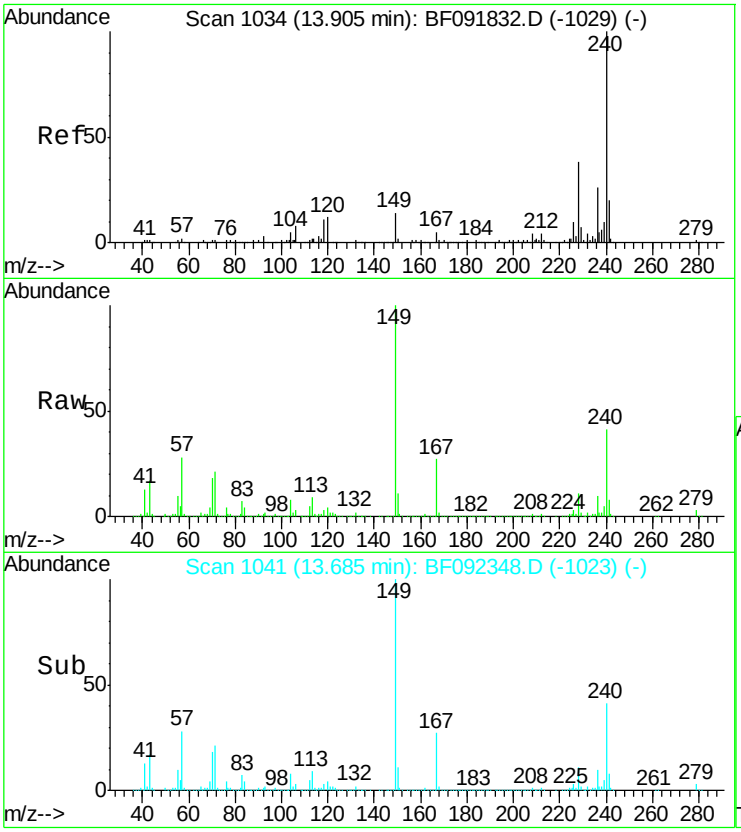




#74
Fluoranthene
Concen: 48.49 ng
RT: 12.26 min Scan# 916
Delta R.T. -0.11 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:202 Resp: 1309108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.2 | 0.0 | 34.6 |
| 203 | 18.6 | 0.0 | 38.7 |



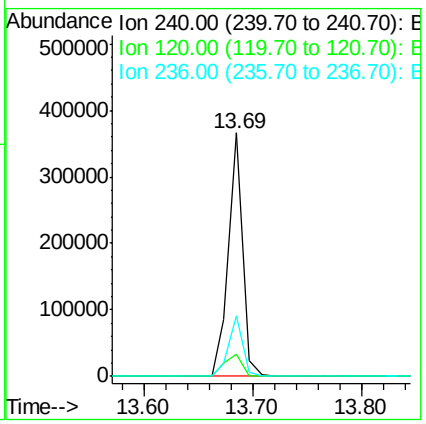


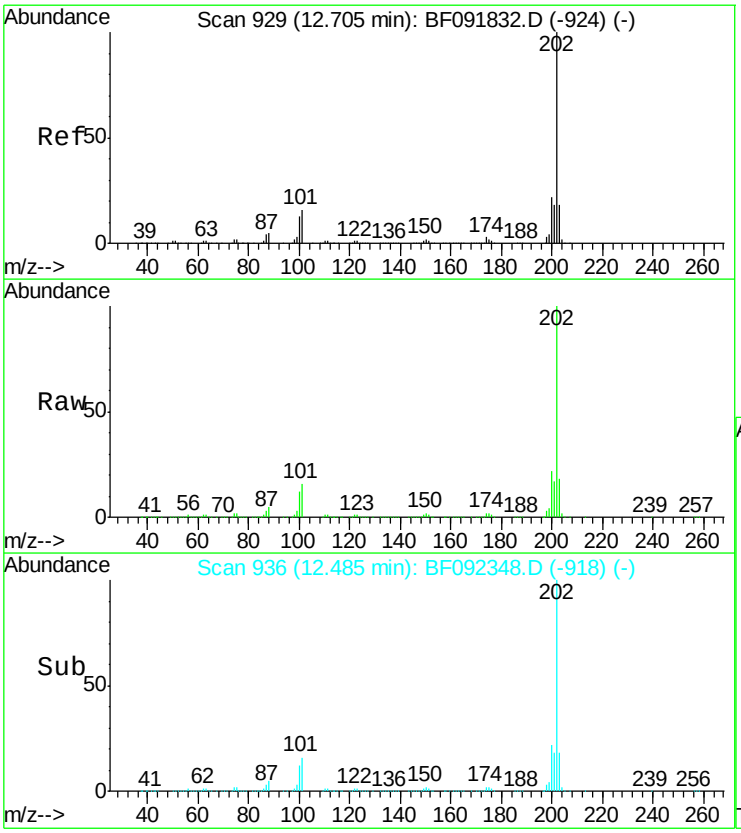

#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:240 Resp: 328905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.1 | 12.9 | 19.3# |
| 236 | 24.6 | 20.9 | 31.3 |

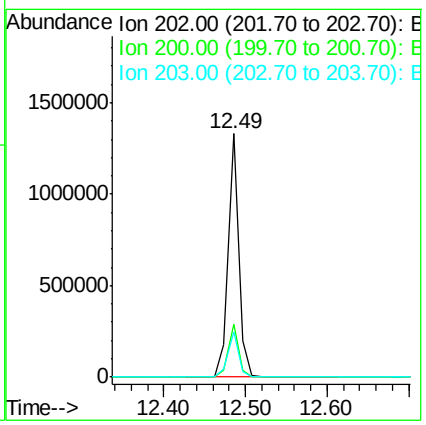


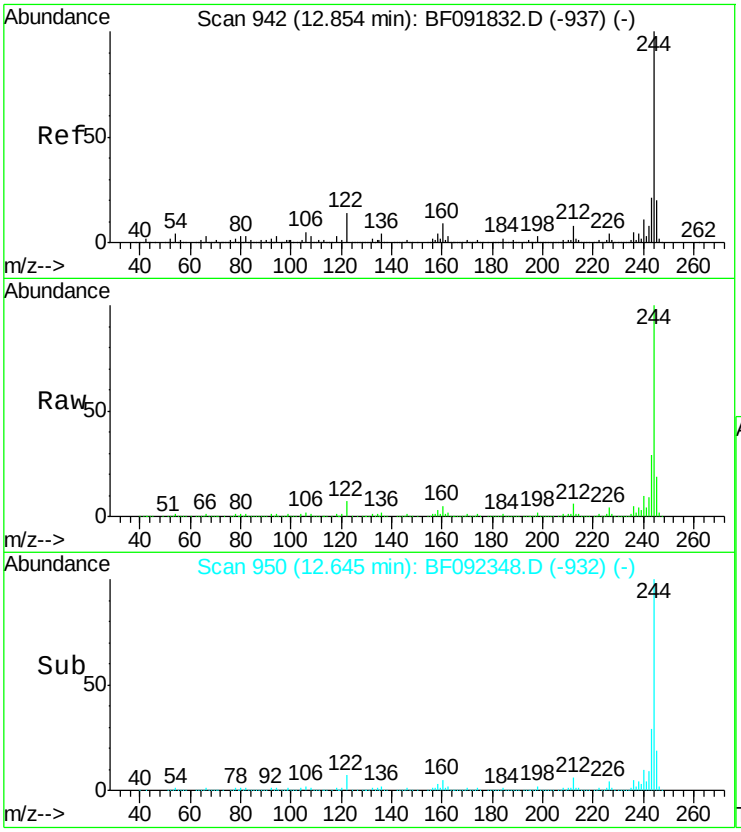




#77
Pyrene
Concen: 48.79 ng
RT: 12.49 min Scan# 936
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:202 Resp: 1177306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 17.7 | 26.5 |
| 203 | 18.4 | 14.7 | 22.1 |



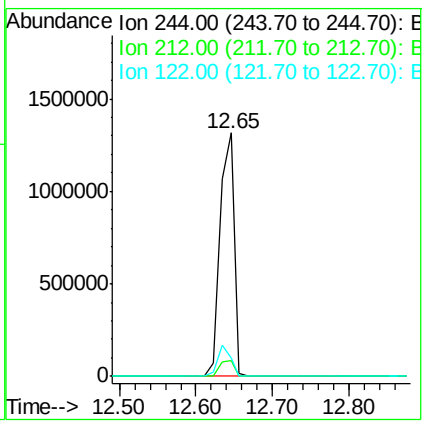


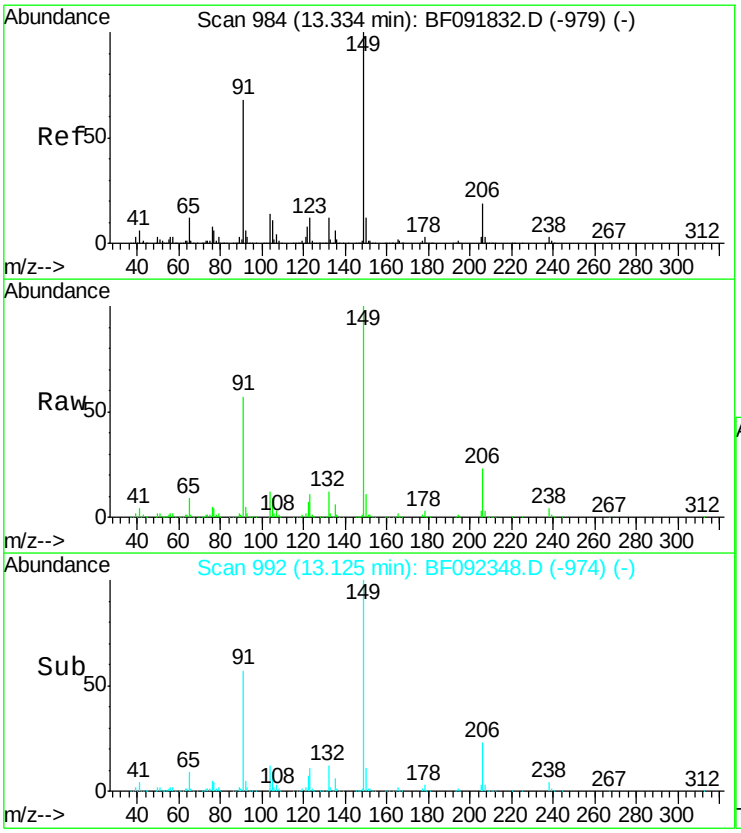

#78
Terphenyl-d14
Concen: 125.47 ng
RT: 12.65 min Scan# 950
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:244 Resp: 1701508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 6.2 | 9.2 |
| 122 | 7.4 | 11.4 | 17.2# |

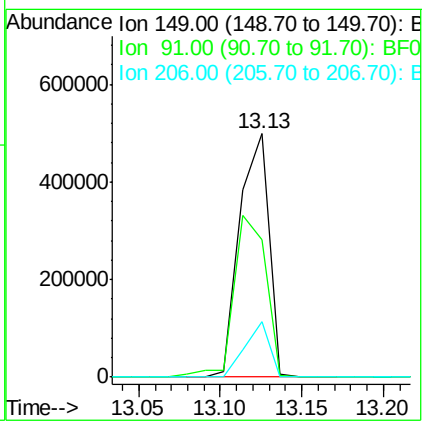


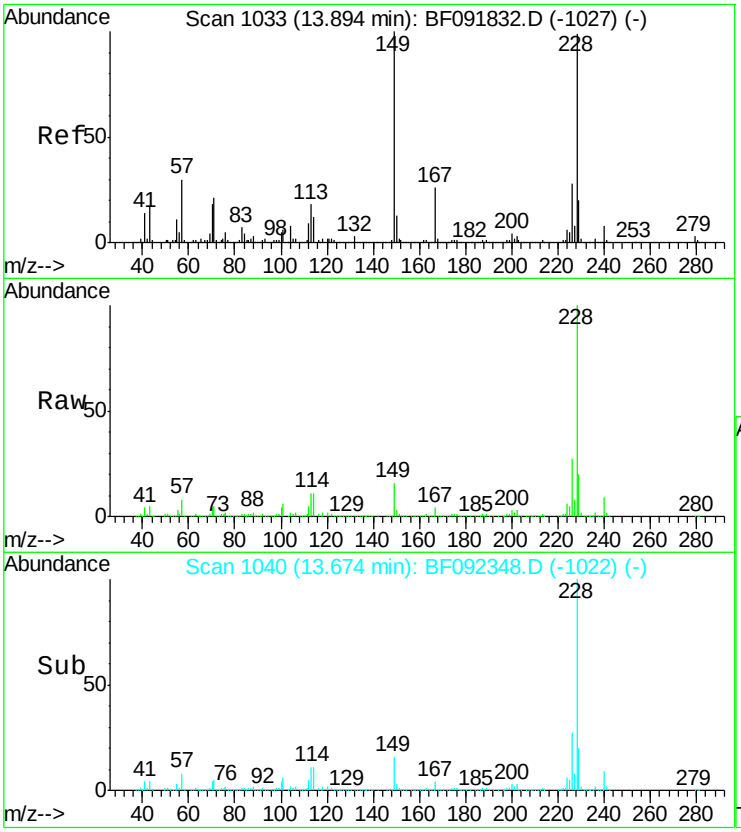




#79
Butylbenzylphthalate
Concen: 56.36 ng
RT: 13.13 min Scan# 992
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:149 Resp: 618548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 56.6 | 63.9 | 95.9# |
| 206 | 22.6 | 14.6 | 21.8# |



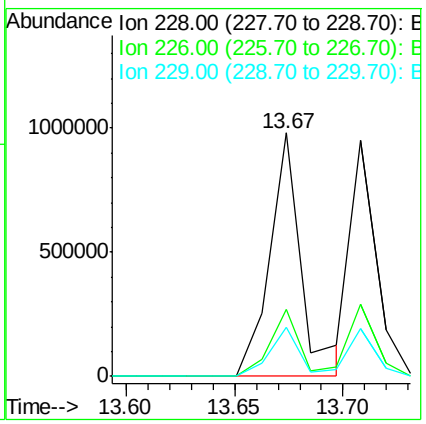


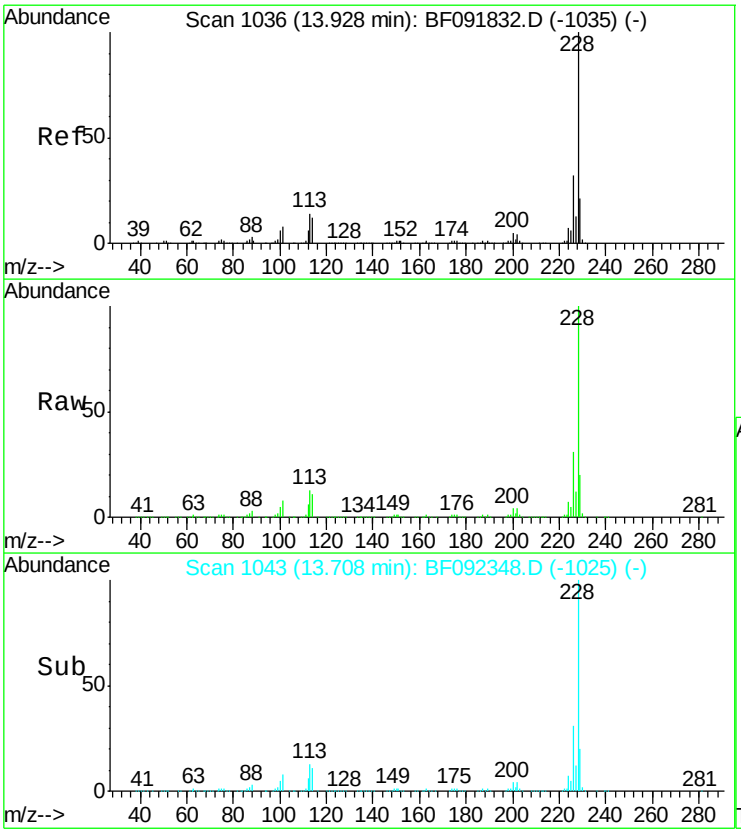

#80
Benzo(a)anthracene
Concen: 53.82 ng
RT: 13.67 min Scan# 1040
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:228 Resp: 999207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 22.4 | 33.6 |
| 229 | 20.1 | 16.2 | 24.4 |

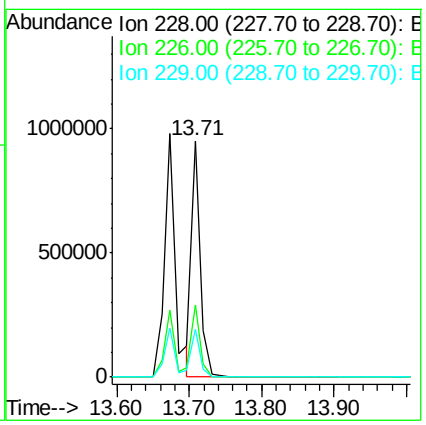


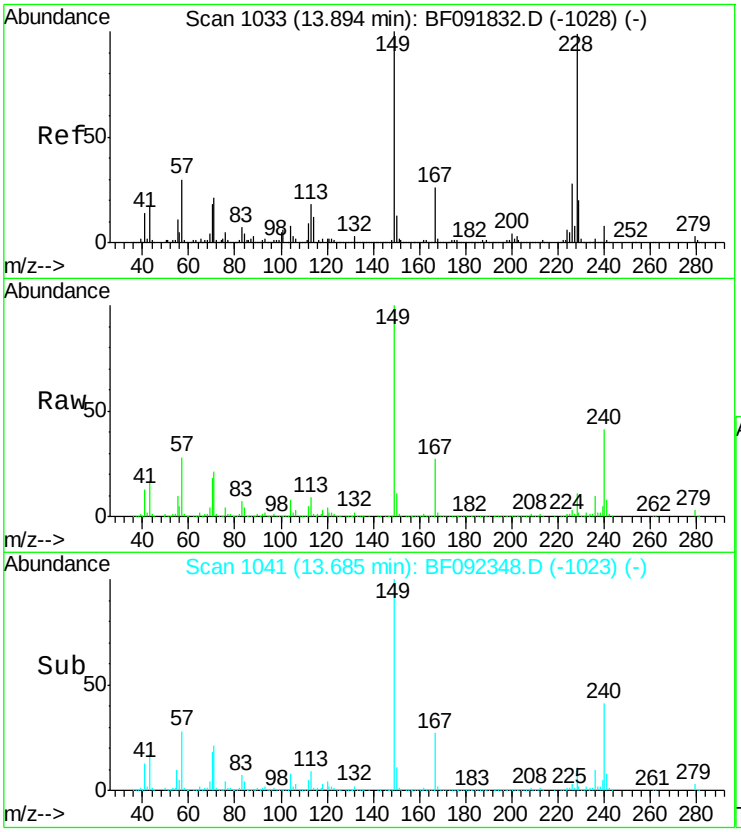




#82
Chrysene
Concen: 43.06 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:228 Resp: 801894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 25.4 | 38.0 |
| 229 | 20.3 | 16.2 | 24.2 |



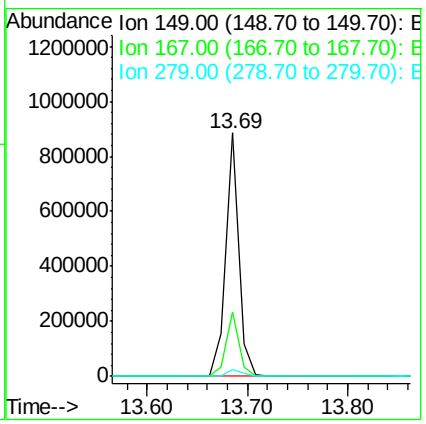


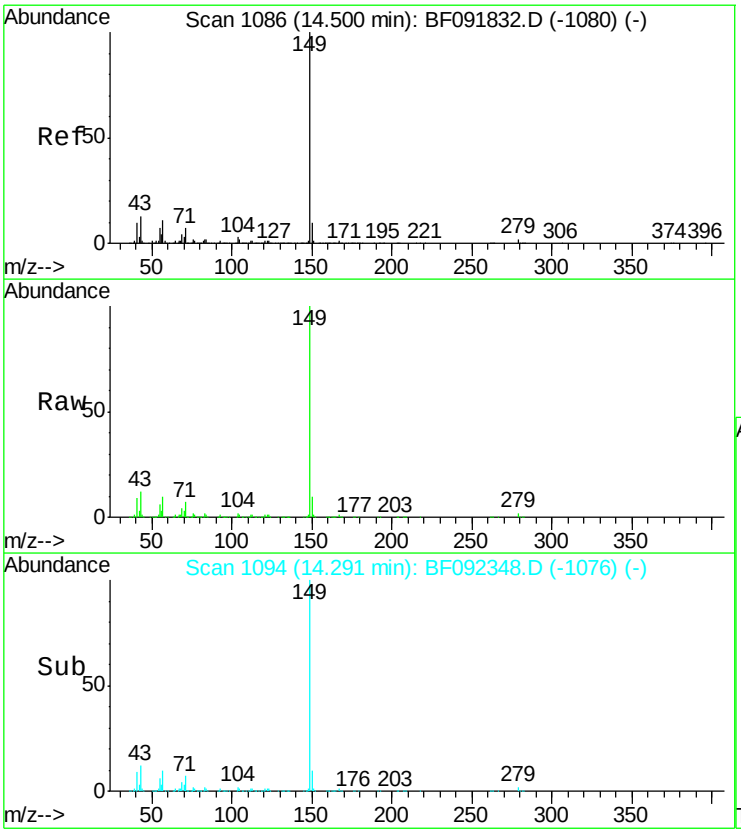

#83
Bis(2-ethylhexyl)phthalate
Concen: 61.86 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:149 Resp: 799523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.6 | 20.2 | 30.4 |
| 279 | 2.7 | 1.8 | 2.8 |

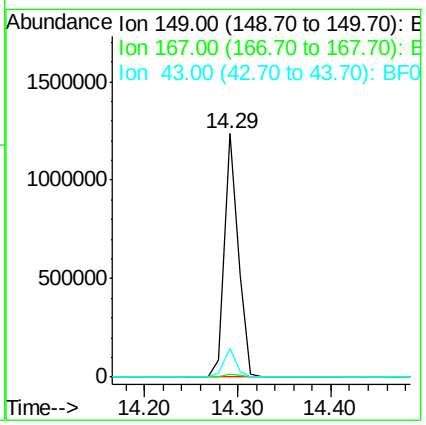


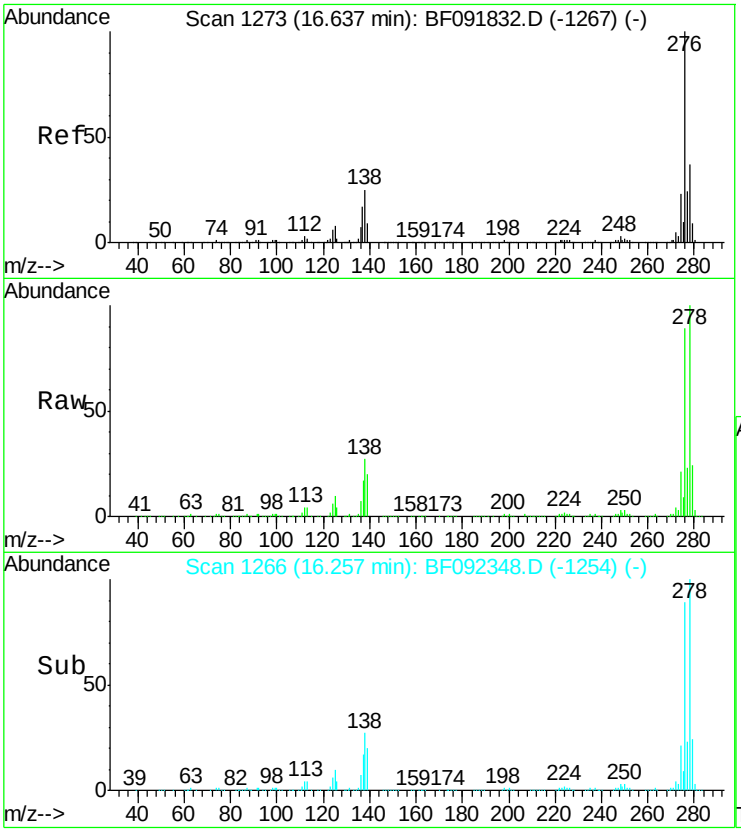




#84
Di-n-octyl phthalate
Concen: 53.34 ng
RT: 14.29 min Scan# 1094
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:149 Resp: 1277131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.3 | 1.9 |
| 43 | 10.2 | 8.9 | 13.3 |



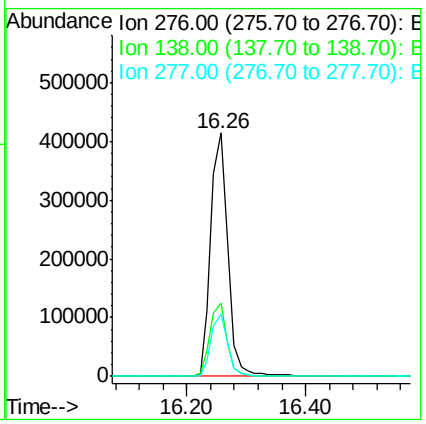


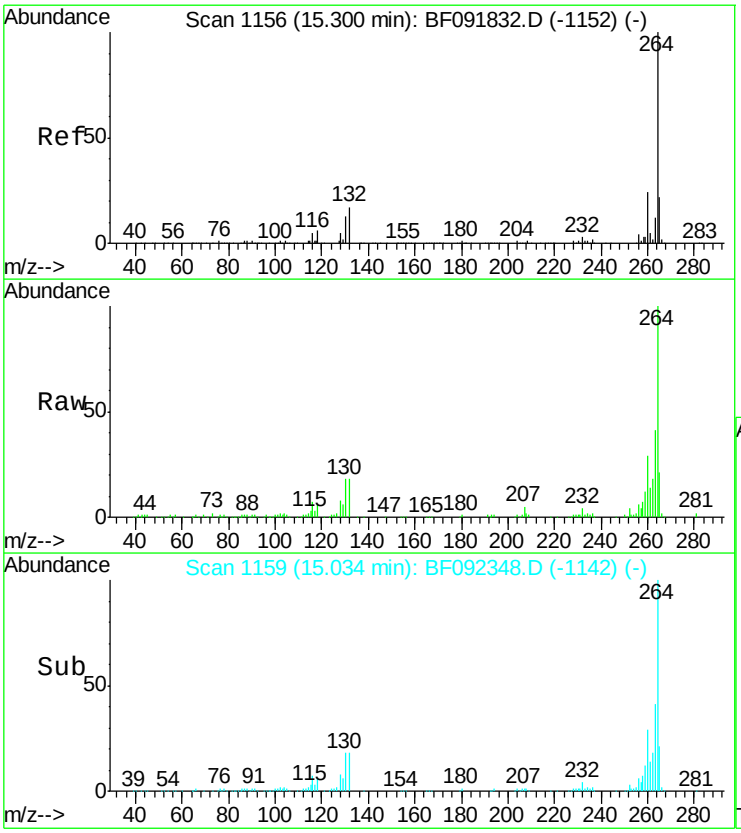

#85
Indeno(1,2,3-cd)pyrene
Concen: 51.72 ng
RT: 16.26 min Scan# 1266
Delta R.T. -0.17 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:276 Resp: 834425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.1 | 21.8 | 32.6 |
| 277 | 25.0 | 20.2 | 30.4 |

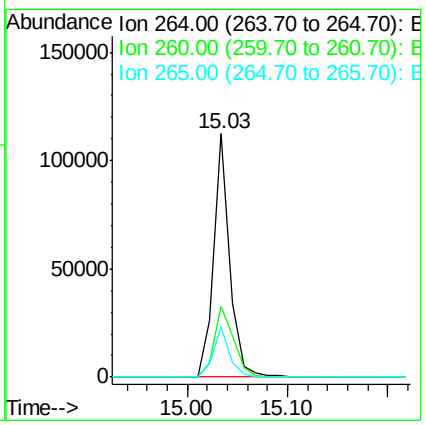


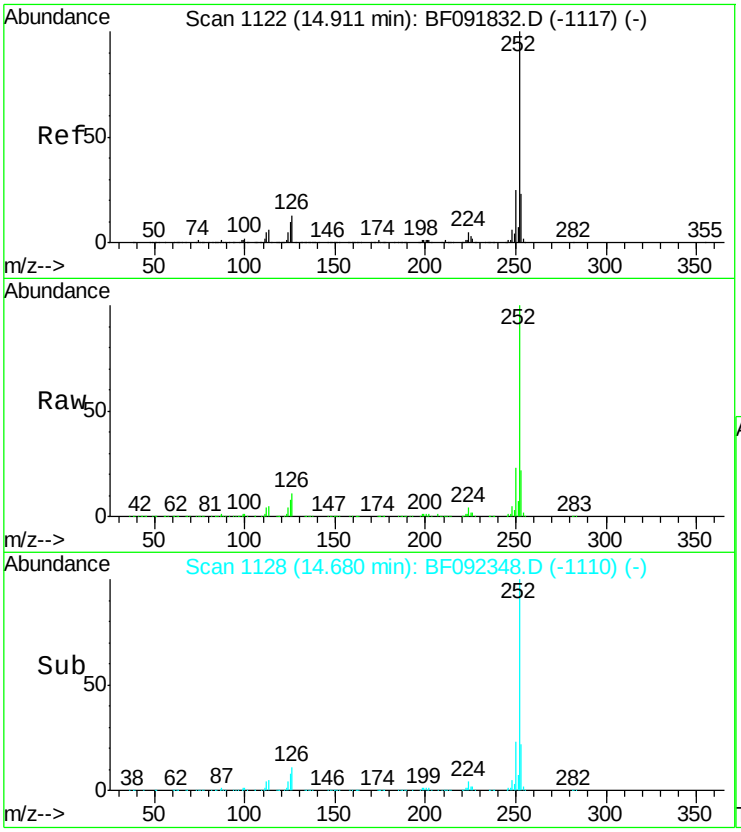




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1159
Delta R.T. -0.11 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:264 Resp: 124761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 29.1 | 19.2 | 28.8# |
| 265 | 20.8 | 17.4 | 26.0 |



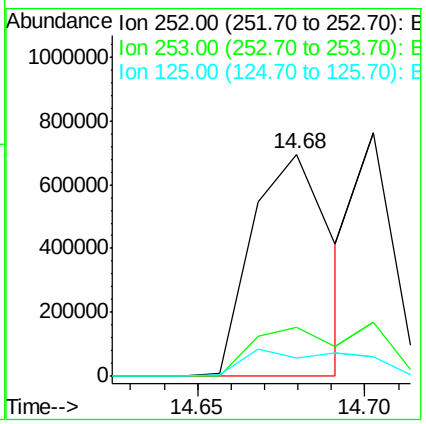


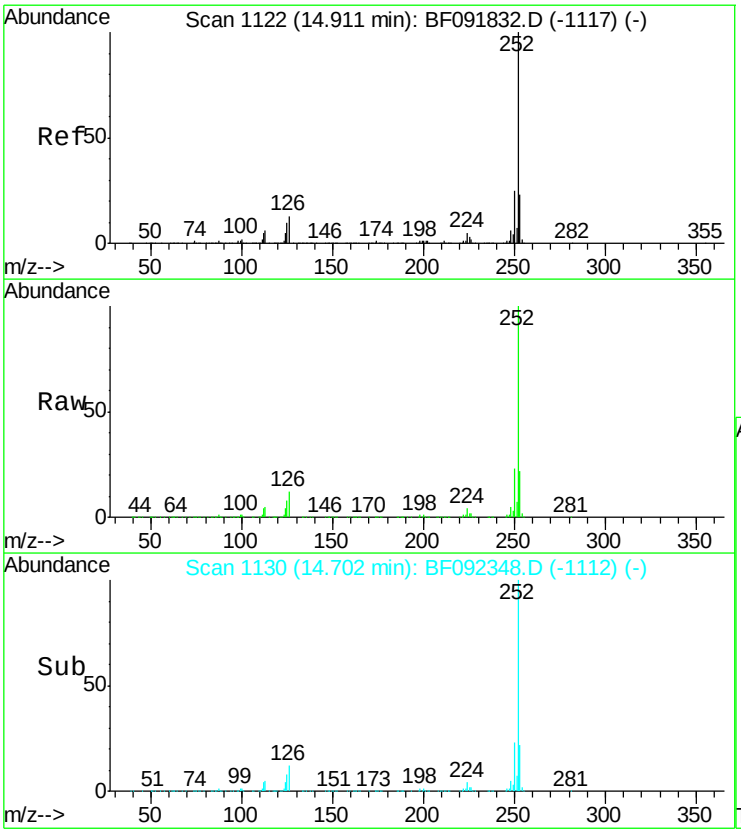

#87
Benzo(b)fluoranthene
Concen: 147.00 ng m
RT: 14.68 min Scan# 1128
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:252 Resp: 1141851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 18.2 | 27.4 |
| 125 | 8.2 | 9.8 | 14.6# |

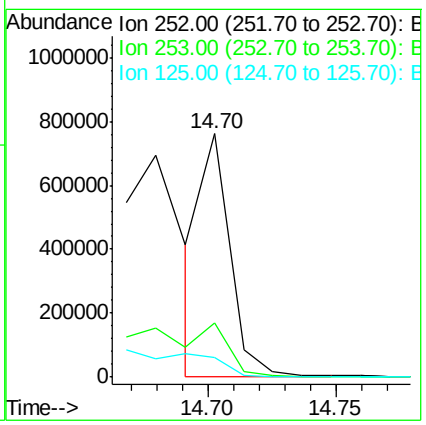


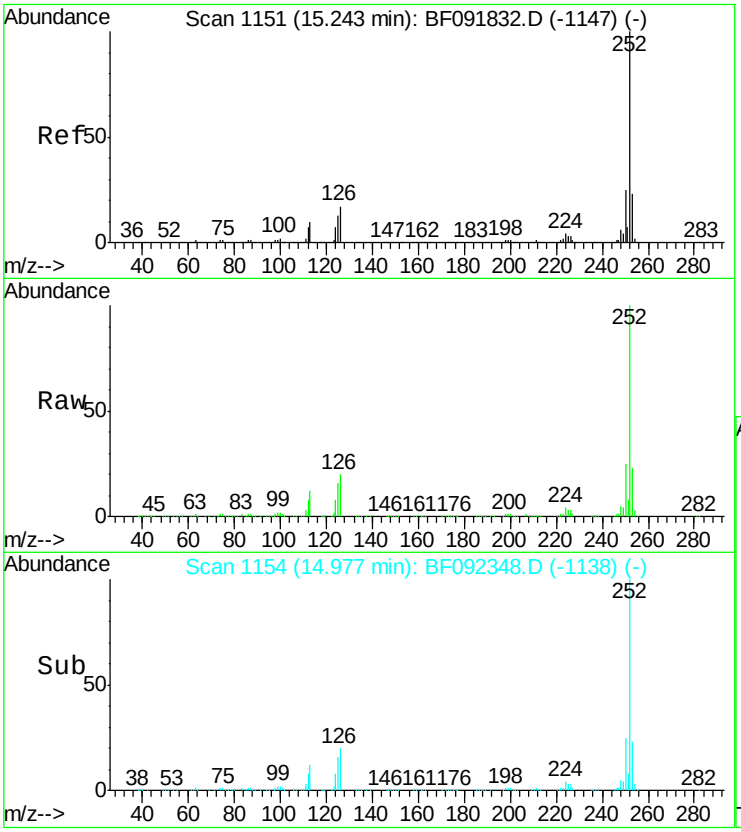




#88
Benzo(k)fluoranthene
Concen: 90.42 ng m
RT: 14.70 min Scan# 1130
Delta R.T. -0.10 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:252 Resp: 598904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.3 | 18.5 | 27.7 |
| 125 | 7.9 | 8.9 | 13.3# |



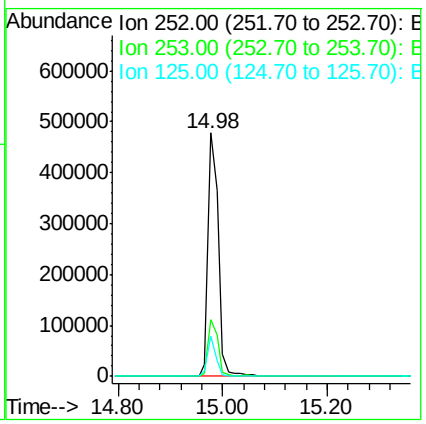


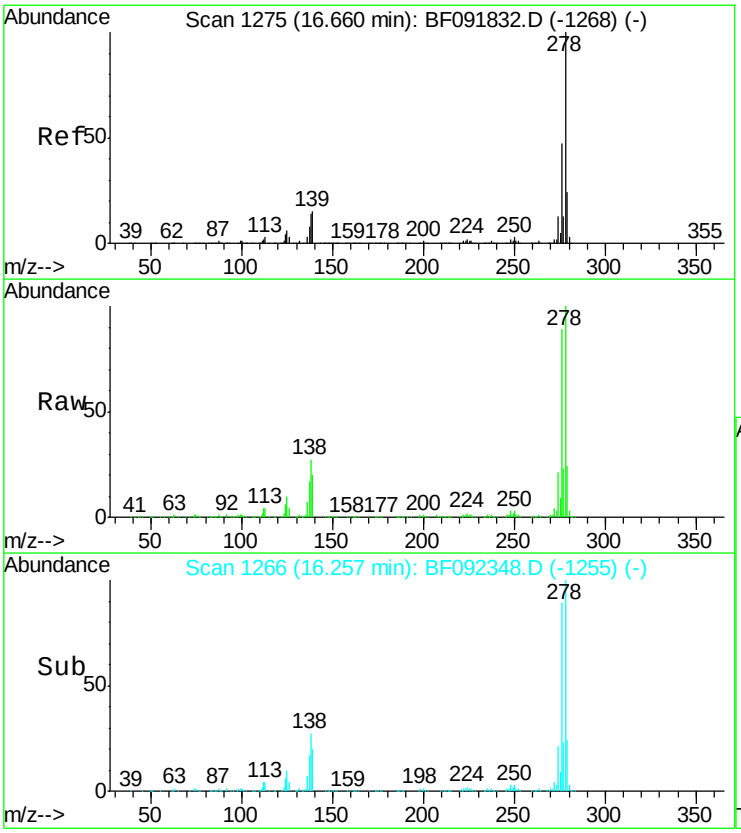

#89
Benzo(a)pyrene
Concen: 93.21 ng
RT: 14.98 min Scan# 1154
Delta R.T. -0.12 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:252 Resp: 642582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.2 | 27.2 |
| 125 | 16.3 | 10.0 | 15.0# |

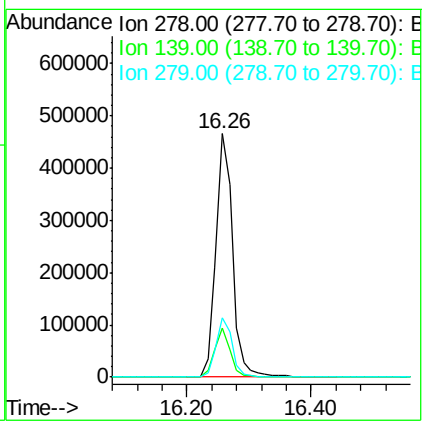


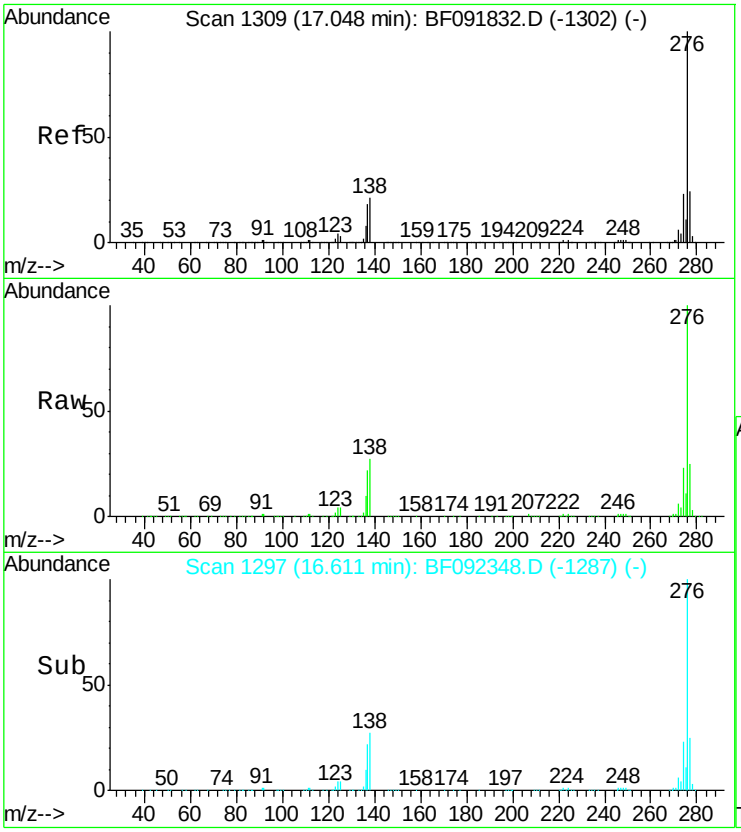




#90
Dibenzo(a,h)anthracene
Concen: 150.85 ng
RT: 16.26 min Scan# 1266
Delta R.T. -0.18 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

Tgt Ion:278 Resp: 854818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 20.2 | 14.8 | 22.2 |
| 279 | 24.1 | 19.8 | 29.6 |






#91
Benzo(g,h,i)perylene
Concen: 122.91 ng
RT: 16.61 min Scan# 1297
Delta R.T. -0.19 min
Lab File: BF092348.D
Acq: 18 Jan 2017 13:32

**Instrument :**
BNA_F
**ClientSampleId :**
ROW-SP-0-2-COMPMSD

Tgt Ion:276 Resp: 724191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.8 | 19.2 | 28.8 |
| 138 | 26.6 | 16.0 | 24.0# |