Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097571.D
Acq On : 10 Aug 2017 21:23
Operator : SJ/JU
Sample : I4689-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRAP-ROCK-FINESMS

Quant Time: Aug 11 01:03:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.39 | 152 | 104168 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.67 | 136 | 461567 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.42 | 164 | 187270 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 10.89 | 188 | 290402 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 13.52 | 240 | 154638 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 14.86 | 264 | 178490 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.99 | 112 | 624530 | 90.38 | ng | | -0.01 |
| 7) Phenol-d6 | 6.07 | 99 | 761684 | 96.55 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 6.97 | 82 | 489292 | 62.19 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.21 | 330 | 134108 | 90.64 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 8.75 | 172 | 728251 | 66.00 | ng | | -0.02 |
| 78) Terphenyl-d14 | 12.47 | 244 | 473834 | 62.47 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.90 | 88 | 76099 | 26.39 | ng | # | 65 |
| 3) Pyridine | 2.50 | 79 | 235015 | 26.62 | ng | # | 65 |
| 4) n-Nitrosodimethylamine | 2.45 | 42 | 142851 | 29.20 | ng | | 81 |
| 6) Aniline | 6.06 | 93 | 267997 | 27.00 | ng | | 96 |
| 8) 2-Chlorophenol | 6.19 | 128 | 231254 | 31.30 | ng | | 94 |
| 9) Benzaldehyde | 5.95 | 77 | 93830 | 20.09 | ng | | 99 |
| 10) Phenol | 6.09 | 94 | 328127 | 35.07 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.14 | 93 | 218595 | 29.54 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 6.33 | 146 | 217587 | 27.33 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.41 | 146 | 220520 | 27.95 | ng | | 96 |
| 14) 1,2-Dichlorobenzene | 6.56 | 146 | 200588 | 29.11 | ng | | 98 |
| 15) Benzyl Alcohol | 6.56 | 79 | 187876 | 37.62 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 6.69 | 45 | 441125 | 29.72 | ng | | 95 |
| 17) 2-Methylphenol | 6.69 | 107 | 171297 | 30.04 | ng | # | 89 |
| 18) Hexachloroethane | 6.89 | 117 | 69571 | 24.10 | ng | # | 81 |
| 19) n-Nitroso-di-n-propylamine | 6.83 | 70 | 148374 | 28.57 | ng | # | 78 |
| 20) 3+4-Methylphenols | 6.86 | 107 | 227613 | 30.56 | ng | # | 62 |
| 22) Acetophenone | 6.82 | 105 | 288149 | 26.00 | ng | # | 98 |
| 24) Nitrobenzene | 6.99 | 77 | 259059 | 31.61 | ng | | 96 |
| 25) Isophorone | 7.23 | 82 | 448105 | 29.08 | ng | | 96 |
| 26) 2-Nitrophenol | 7.30 | 139 | 132992 | 30.00 | ng | # | 82 |
| 27) 2,4-Dimethylphenol | 7.37 | 122 | 219639 | 30.03 | ng | | 97 |
| 28) bis(2-Chloroethoxy)methane | 7.45 | 93 | 304151 | 30.25 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.57 | 162 | 199757 | 31.71 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 7.62 | 180 | 169420 | 28.21 | ng | | 98 |
| 31) Naphthalene | 7.70 | 128 | 658702 | 30.27 | ng | | 99 |
| 32) Benzoic acid | 7.37 | 122 | 219639 | 40.22 | ng | # | 12 |
| 33) 4-Chloroaniline | 7.77 | 127 | 207407 | 23.43 | ng | | 97 |
| 34) Hexachlorobutadiene | 7.82 | 225 | 84269 | 26.47 | ng | | 94 |
| 35) Caprolactam | 8.15 | 113 | 54684 | 27.07 | ng | # | 47 |
| 36) 4-Chloro-3-methylphenol | 8.28 | 107 | 207508 | 30.19 | ng | | 90 |
| 37) 2-Methylnaphthalene | 8.39 | 142 | 425419 | 30.88 | ng | | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.56 | 216 | 152630 | 30.55 | ng | | 99 |
| 40) Hexachlorocyclopentadiene | 8.54 | 237 | 21314 | 17.78 | ng | | 94 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097571.D
Acq On : 10 Aug 2017 21:23
Operator : SJ/JU
Sample : I4689-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** TRAP-ROCK-FINESMS

Quant Time: Aug 11 01:03:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 8.69 | 196 | 104512 | 28.86 | ng | | 98 |
| 43) 2,4,5-Trichlorophenol | 8.74 | 196 | 100109 | 27.62 | ng | | 97 |
| 45) 1,1'-Biphenyl | 8.85 | 154 | 476725 | 29.80 | ng | | 97 |
| 46) 2-Chloronaphthalene | 8.87 | 162 | 369460 | 31.39 | ng | | 94 |
| 47) 2-Nitroaniline | 8.99 | 65 | 145801 | 34.13 | ng | | 94 |
| 48) Acenaphthylene | 9.28 | 152 | 557539 | 30.86 | ng | | 99 |
| 49) Dimethylphthalate | 9.17 | 163 | 574178 | 40.38 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.23 | 165 | 91652 | 30.39 | ng | # | 74 |
| 51) Acenaphthene | 9.45 | 154 | 325246 | 30.56 | ng | | 97 |
| 52) 3-Nitroaniline | 9.40 | 138 | 100966 | 26.97 | ng | | 92 |
| 54) Dibenzofuran | 9.63 | 168 | 460672 | 32.50 | ng | | 96 |
| 55) 4-Nitrophenol | 9.63 | 139 | 244270 | 109.72 | ng | # | 37 |
| 56) 2,4-Dinitrotoluene | 9.65 | 165 | 121457 | 35.03 | ng | # | 79 |
| 57) Fluorene | 9.97 | 166 | 364383 | 34.20 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 9.76 | 232 | 77946 | 31.15 | ng | # | 96 |
| 59) Diethylphthalate | 9.86 | 149 | 425490 | 32.61 | ng | | 99 |
| 60) 4-Chlorophenyl-phenylether | 9.96 | 204 | 146915 | 33.39 | ng | | 97 |
| 61) 4-Nitroaniline | 10.02 | 138 | 101584 | 28.56 | ng | | 91 |
| 62) Azobenzene | 10.12 | 77 | 423354 | 34.98 | ng | | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 10.07 | 198 | 12503 | 6.93 | ng | # | 75 |
| 65) n-Nitrosodiphenylamine | 10.09 | 169 | 333771 | 33.03 | ng | | 98 |
| 66) 4-Bromophenyl-phenylether | 10.45 | 248 | 94529 | 32.62 | ng | | 96 |
| 67) Hexachlorobenzene | 10.52 | 284 | 97741 | 30.07 | ng | # | 86 |
| 68) Atrazine | 10.63 | 200 | 94979 | 32.78 | ng | | 93 |
| 69) Pentachlorophenol | 10.73 | 266 | 31334 | 23.30 | ng | | 99 |
| 70) Phenanthrene | 10.92 | 178 | 489967 | 31.49 | ng | | 99 |
| 71) Anthracene | 10.97 | 178 | 508305 | 31.90 | ng | | 98 |
| 72) Carbazole | 11.14 | 167 | 470097 | 29.99 | ng | | 98 |
| 73) Di-n-butylphthalate | 11.47 | 149 | 611617 | 31.57 | ng | | 98 |
| 74) Fluoranthene | 12.10 | 202 | 416801 | 27.34 | ng | | 99 |
| 76) Benzidine | 12.23 | 184 | 209159 | 36.45 | ng | # | 94 |
| 77) Pyrene | 12.32 | 202 | 409099 | 32.32 | ng | | 99 |
| 79) Butylbenzylphthalate | 12.96 | 149 | 202029 | 31.37 | ng | # | 82 |
| 80) Benzo(a)anthracene | 13.51 | 228 | 284187 | 28.40 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.48 | 252 | 99792 | 26.45 | ng | # | 97 |
| 82) Chrysene | 13.54 | 228 | 289916 | 29.67 | ng | | 99 |
| 83) Bis(2-ethylhexyl)phthalate | 13.52 | 149 | 249287 | 29.65 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.13 | 149 | 429366 | 27.83 | ng | # | 93 |
| 85) Indeno(1,2,3-cd)pyrene | 16.04 | 276 | 303478 | 36.22 | ng | | 98 |
| 87) Benzo(b)fluoranthene | 14.52 | 252 | 325977 | 30.38 | ng | | 99 |
| 88) Benzo(k)fluoranthene | 14.81 | 252 | 246447 | 24.10 | ng | | 99 |
| 89) Benzo(a)pyrene | 14.81 | 252 | 301317 | 30.68 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 16.04 | 278 | 255679 | 31.75 | ng | | 95 |
| 91) Benzo(g,h,i)perylene | 16.39 | 276 | 250064 | 29.61 | ng | | 99 |

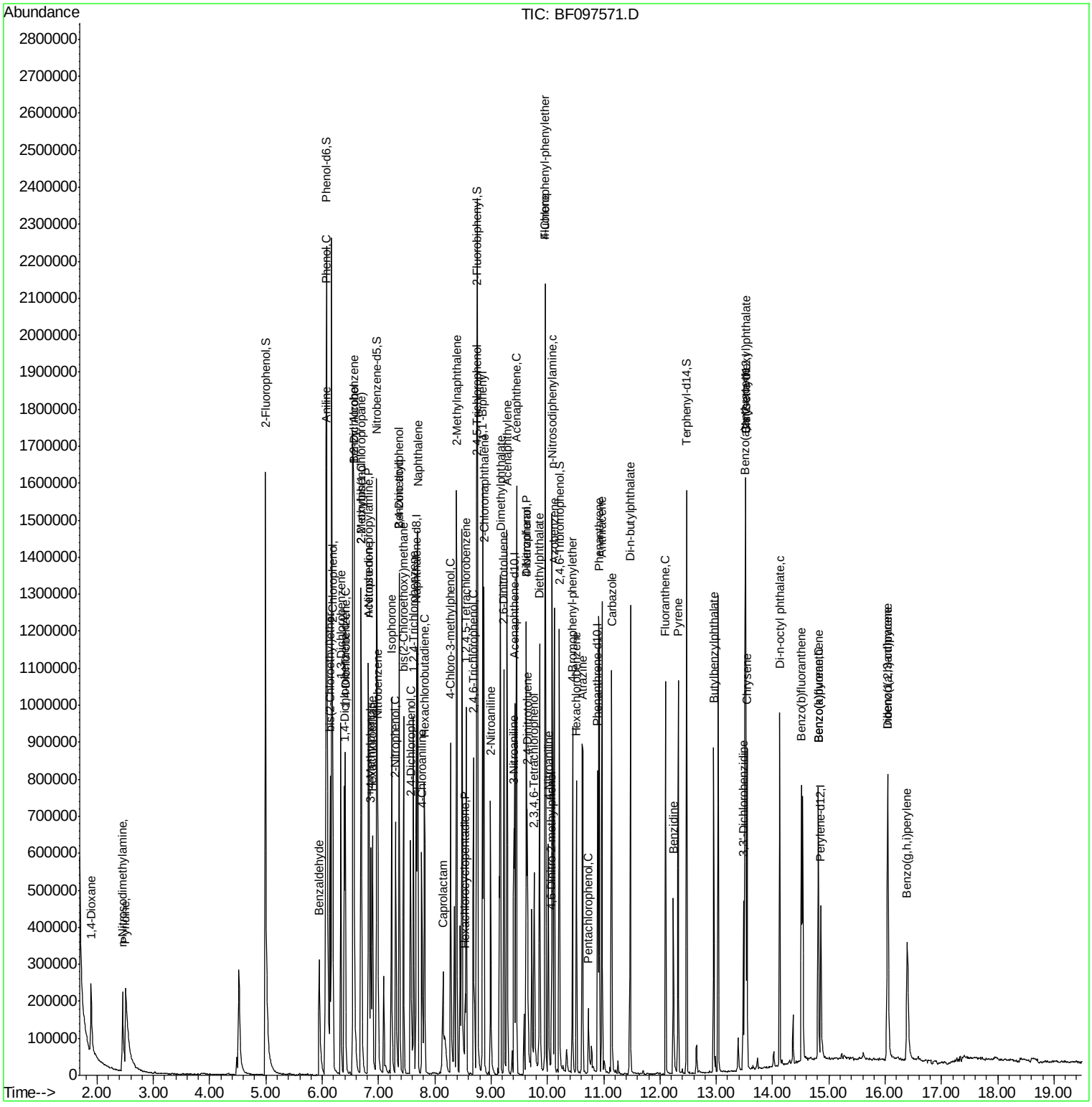
(#) = qualifier out of range (m) = manual integration (+) = signals summed

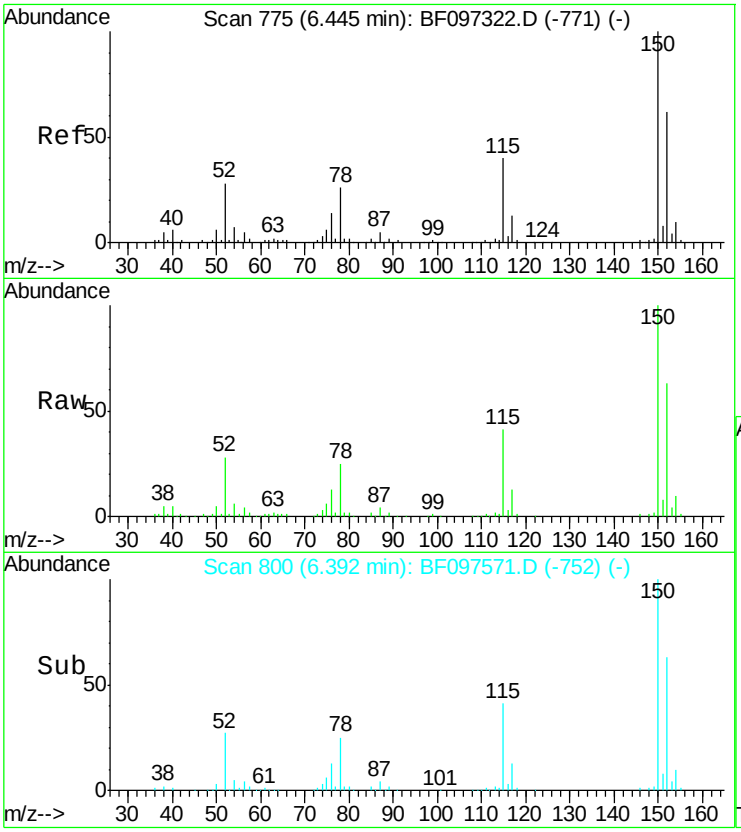
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097571.D
Acq On : 10 Aug 2017 21:23
Operator : SJ/JU
Sample : I4689-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Quant Time: Aug 11 01:03:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration



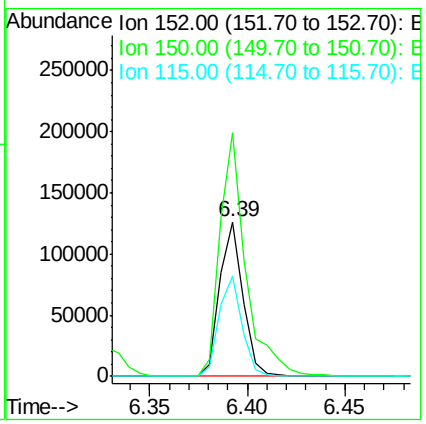


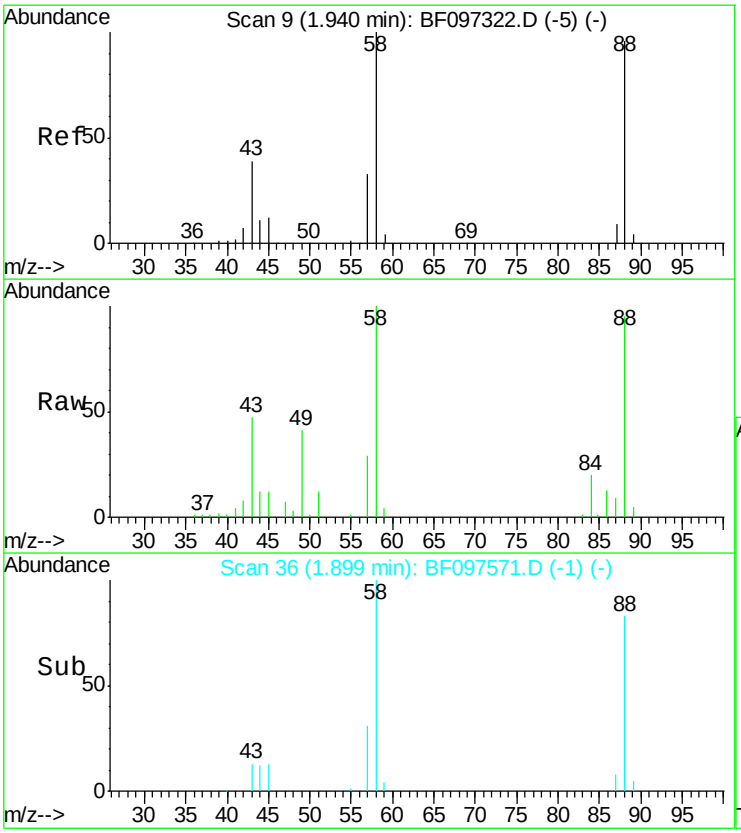

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:152 Resp: 104168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.9 | 126.2 | 189.2 |
| 115 | 64.6 | 52.2 | 78.2 |

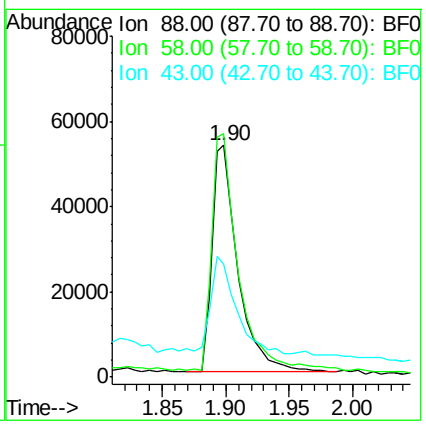


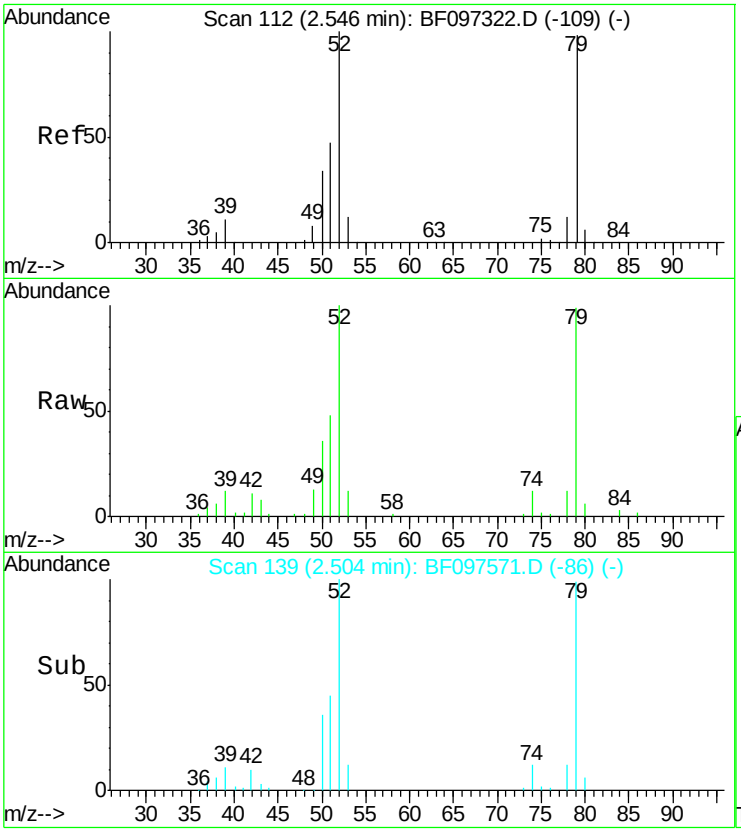




#2
1,4-Dioxane
Concen: 26.39 ng
RT: 1.90 min Scan# 36
Delta R.T. 0.00 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion: 88 Resp: 76099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 110.6 | 61.4 | 92.0# |
| 43 | 42.8 | 23.4 | 35.0# |



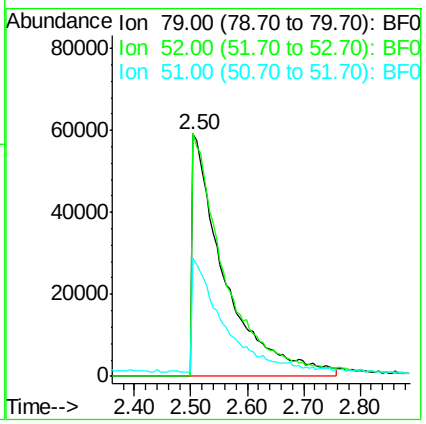


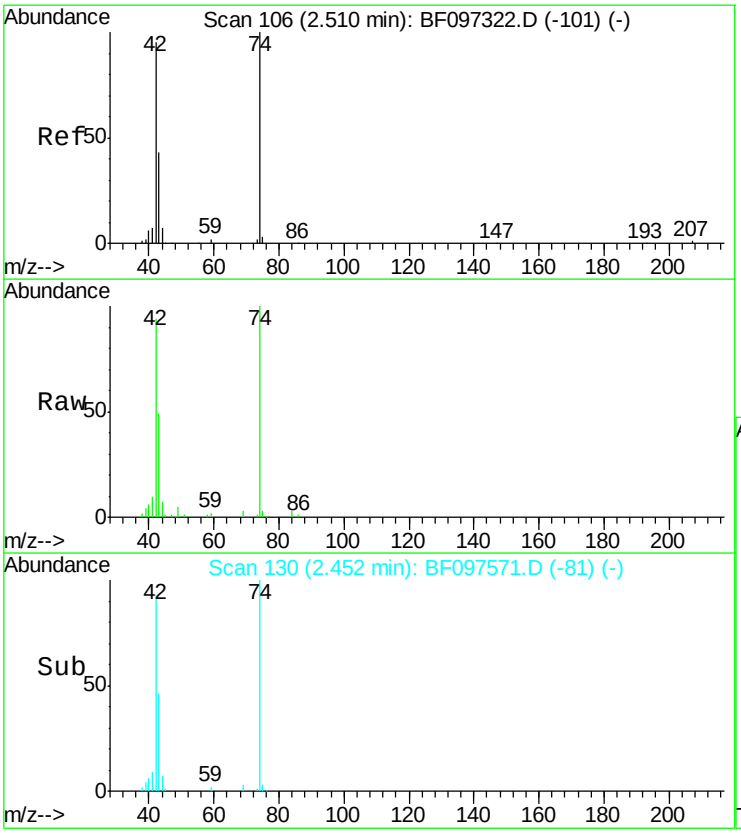

#3
Pyridine
Concen: 26.62 ng
RT: 2.50 min Scan# 139
Delta R.T. 0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion: 79 Resp: 235015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 100.6 | 54.8 | 82.2# |
| 51 | 48.8 | 27.0 | 40.4# |

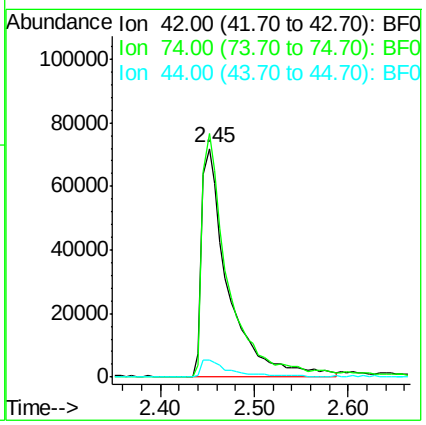


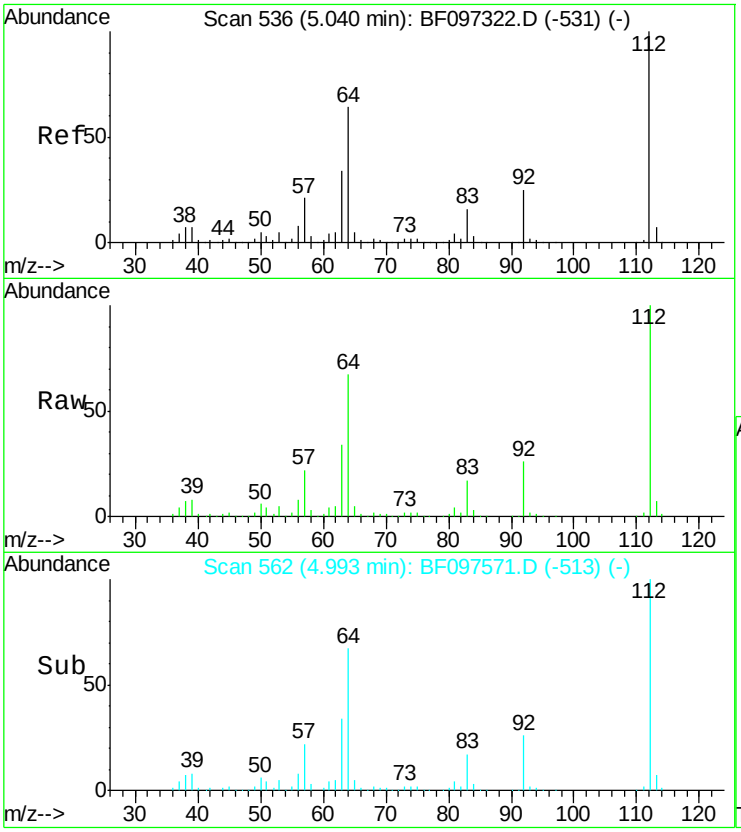




#4
n-Nitrosodimethylamine
Concen: 29.20 ng
RT: 2.45 min Scan# 130
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion: 42 Resp: 142851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 106.5 | 103.9 | 155.9 |
| 44 | 7.7 | 5.7 | 8.5 |



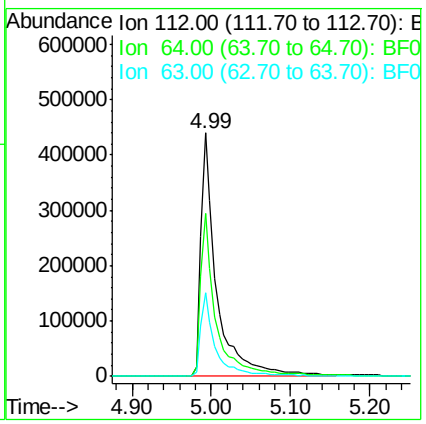


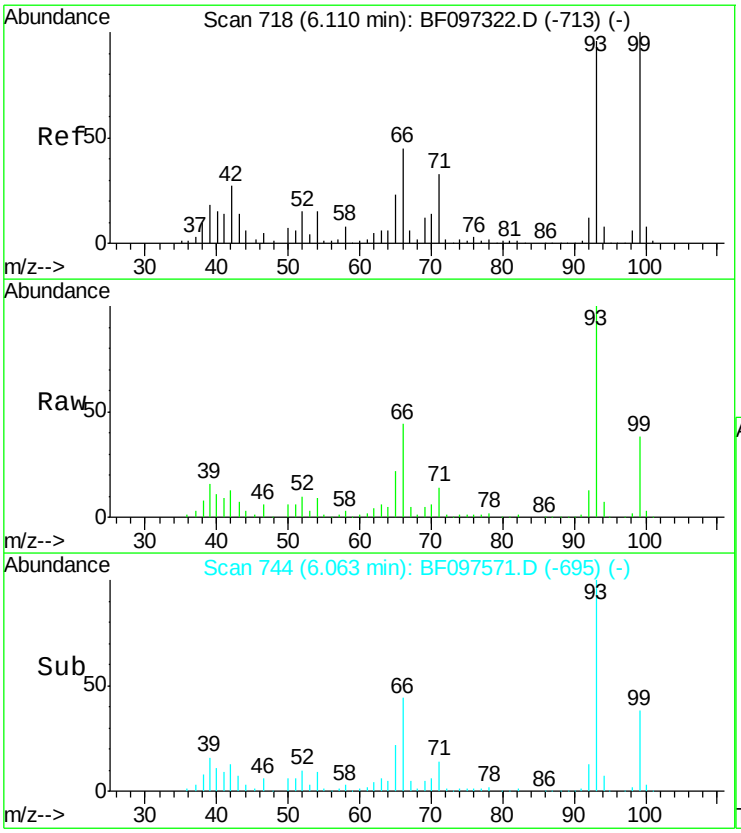

#5
2-Fluorophenol
Concen: 90.38 ng
RT: 4.99 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:112 Resp: 624530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.9 | 46.0 | 69.0 |
| 63 | 34.3 | 23.4 | 35.0 |

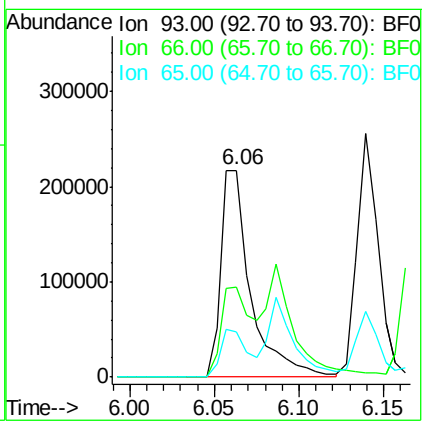


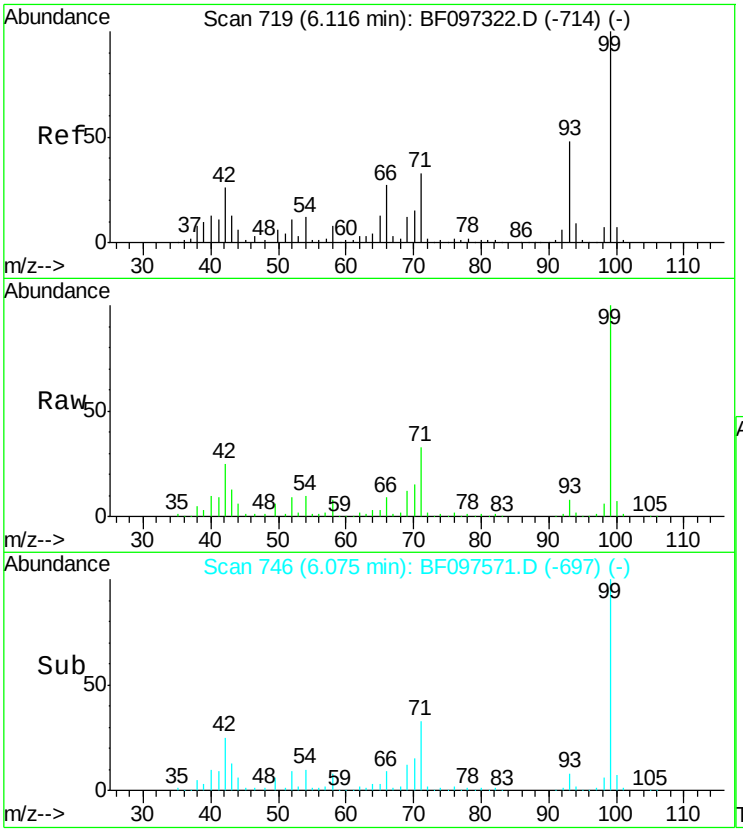




#6
Aniline
Concen: 27.00 ng
RT: 6.06 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion: 93 Resp: 267997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 43.8 | 32.9 | 49.3 |
| 65 | 21.8 | 16.0 | 24.0 |



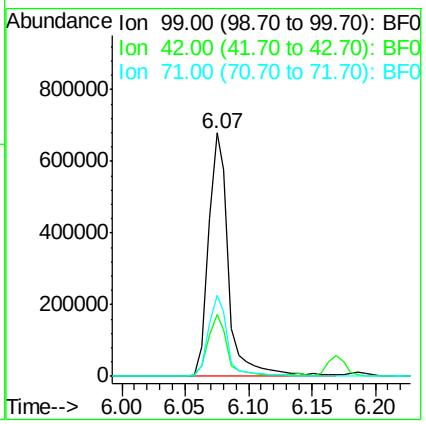


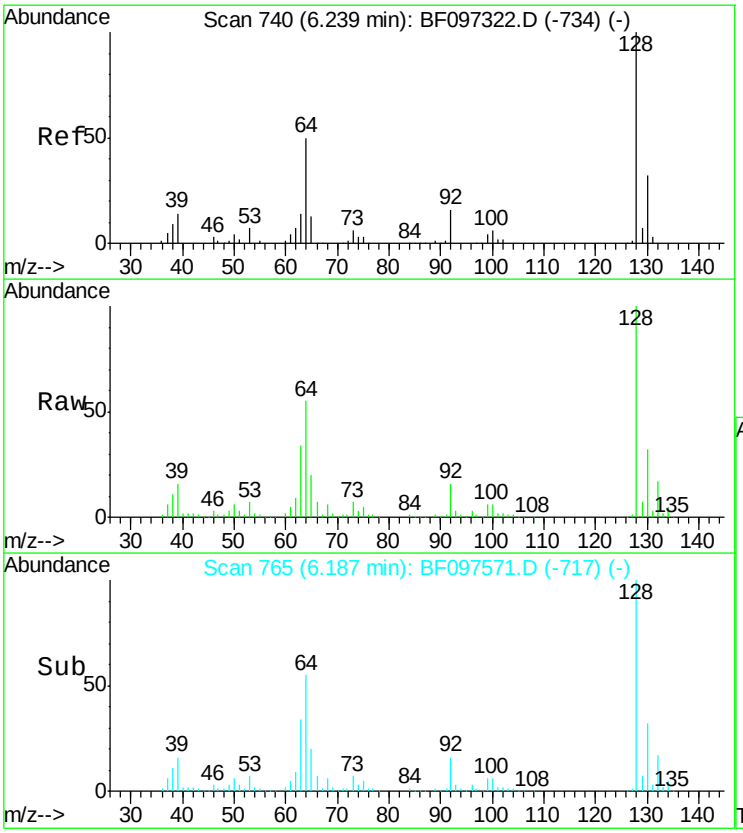

#7
Phenol-d6
Concen: 96.55 ng
RT: 6.07 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion: 99 Resp: 761684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.2 | 13.5 | 20.3# |
| 71 | 33.4 | 24.5 | 36.7 |

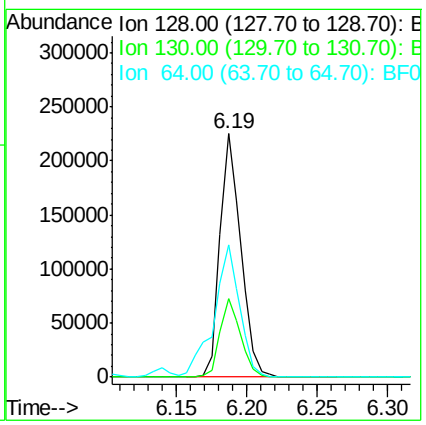


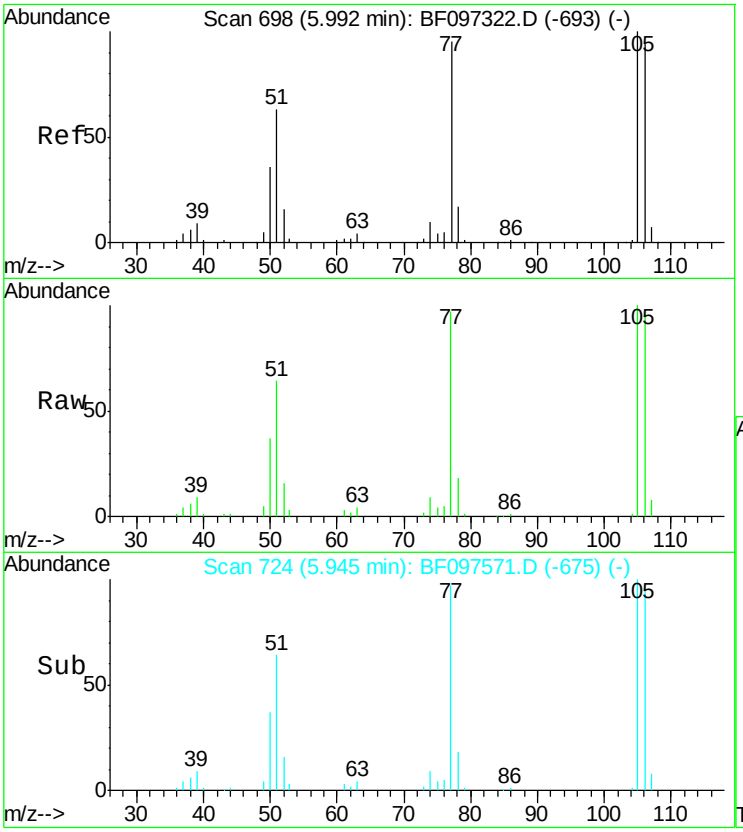




#8
2-Chlorophenol
Concen: 31.30 ng
RT: 6.19 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:128 Resp: 231254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.3 | 12.9 | 52.9 |
| 64 | 54.6 | 28.4 | 68.4 |



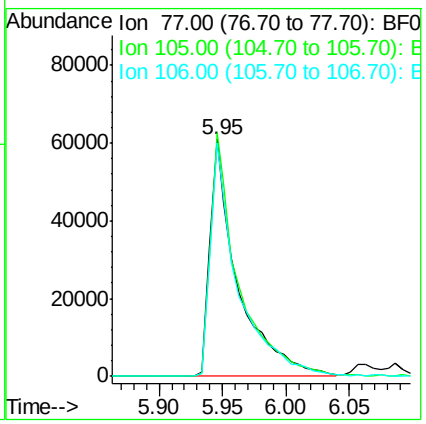


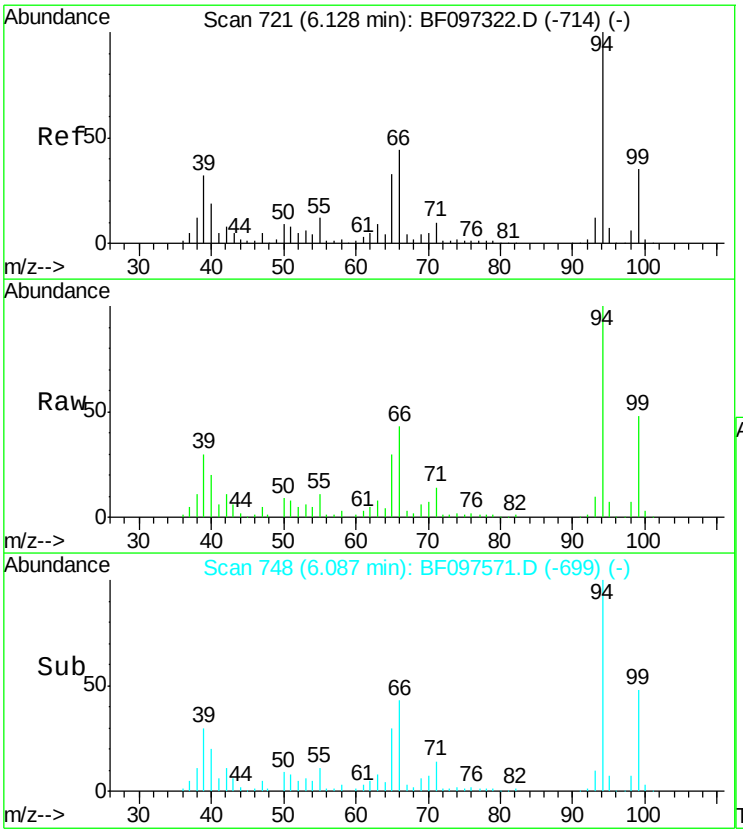

#9
Benzaldehyde
Concen: 20.09 ng
RT: 5.95 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion: 77 Resp: 93830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 102.7 | 83.8 | 123.8 |
| 106 | 98.3 | 79.1 | 119.1 |

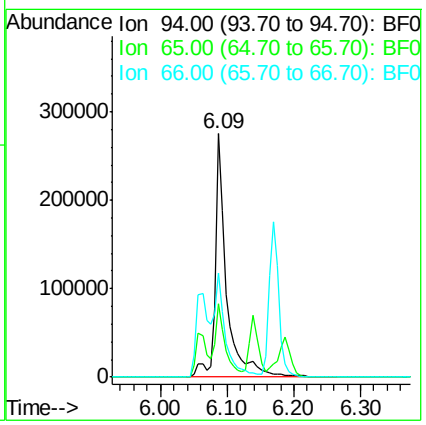


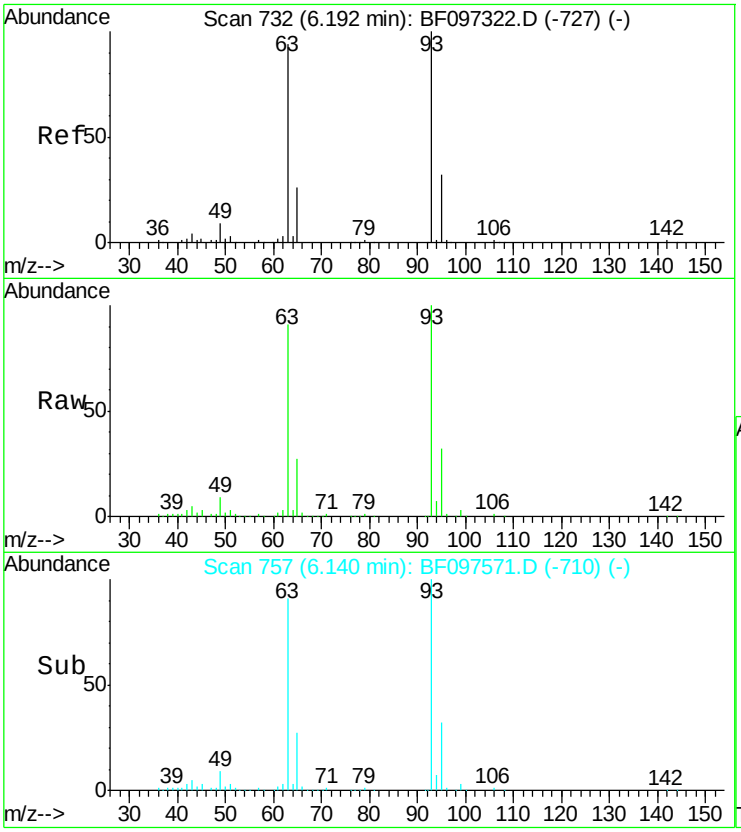




#10
Phenol
Concen: 35.07 ng
RT: 6.09 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion: 94 Resp: 328127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.4 | 9.9 | 49.9 |
| 66 | 42.9 | 23.1 | 63.1 |



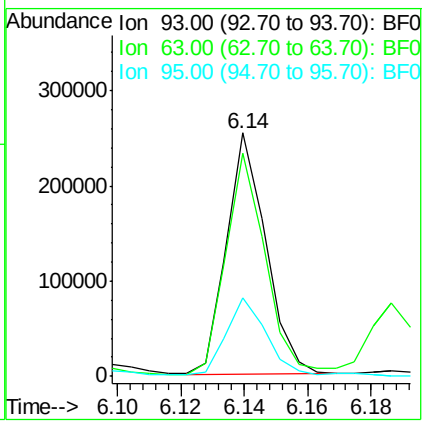


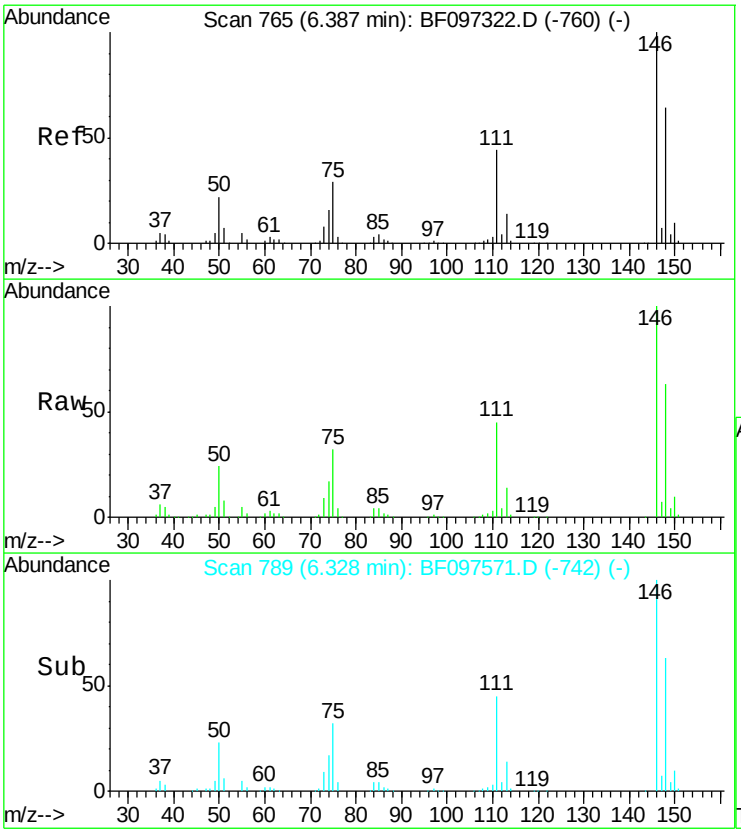

#11
bis(2-Chloroethyl)ether
Concen: 29.54 ng
RT: 6.14 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion: 93 Resp: 218595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 91.5 | 59.2 | 99.2 |
| 95 | 32.2 | 12.8 | 52.8 |

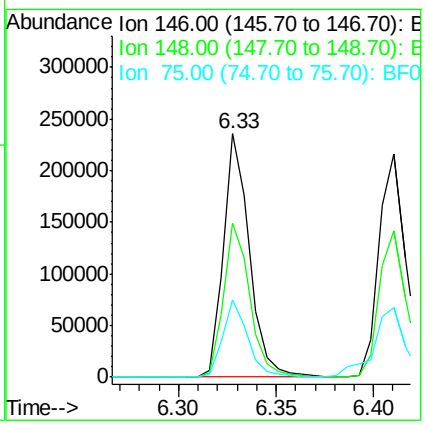


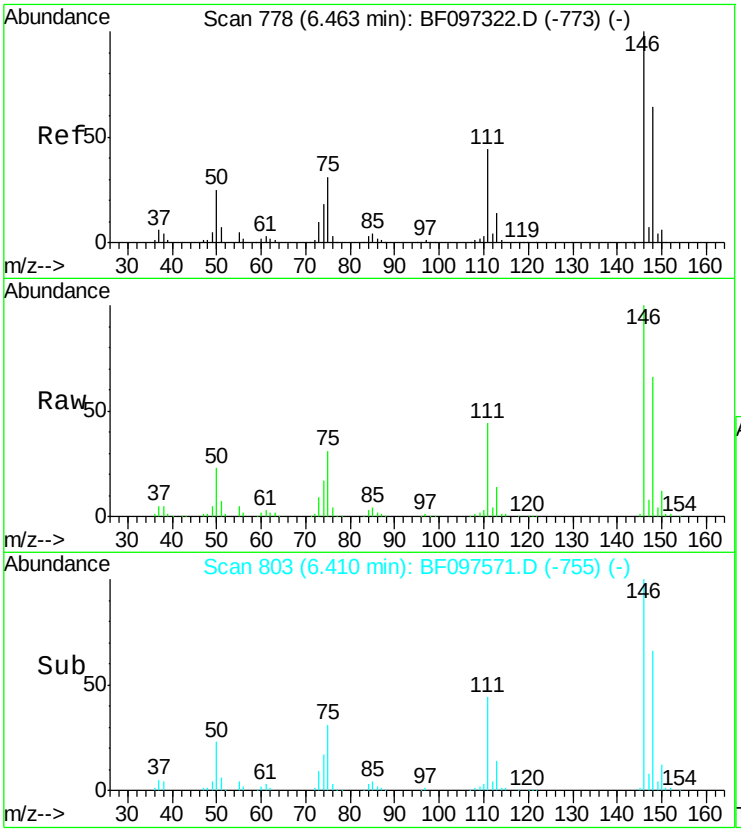




#12
1,3-Dichlorobenzene
Concen: 27.33 ng
RT: 6.33 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:146 Resp: 217587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.3 | 51.8 | 77.6 |
| 75 | 31.7 | 23.1 | 34.7 |



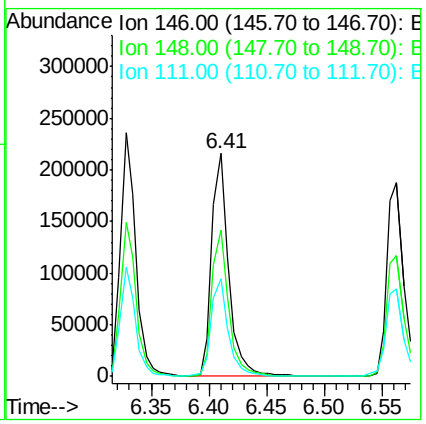


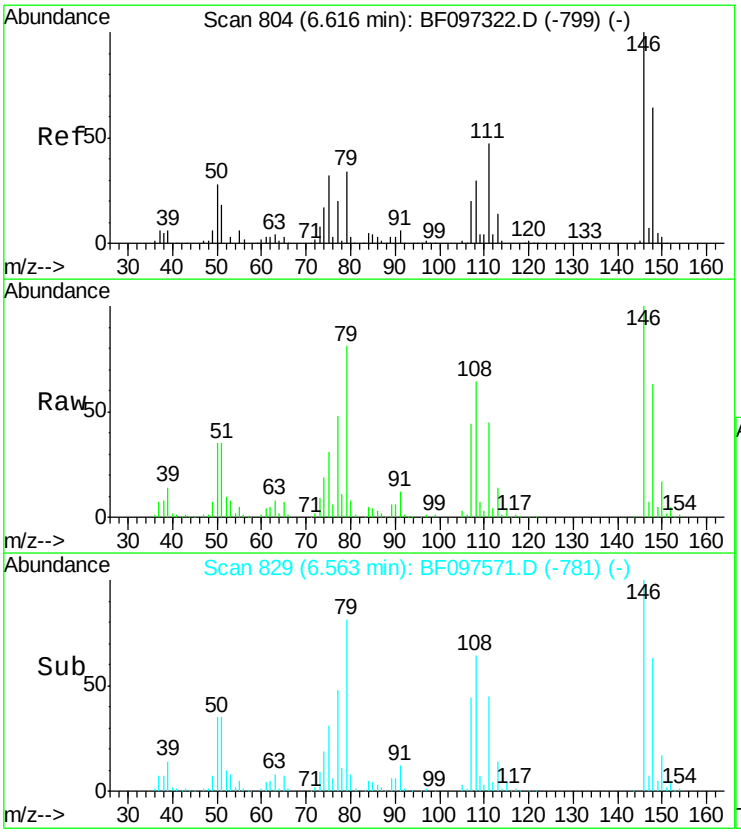

#13
1,4-Dichlorobenzene
Concen: 27.95 ng
RT: 6.41 min Scan# 803
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:146 Resp: 220520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.9 | 52.2 | 78.2 |
| 111 | 44.0 | 30.3 | 45.5 |

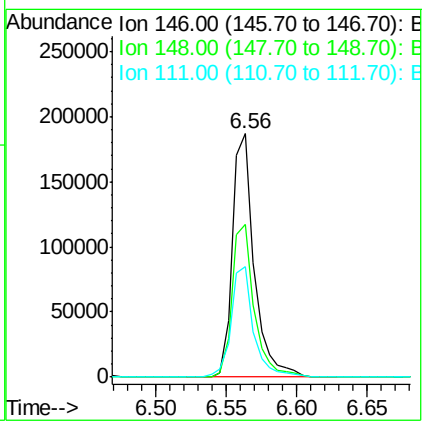


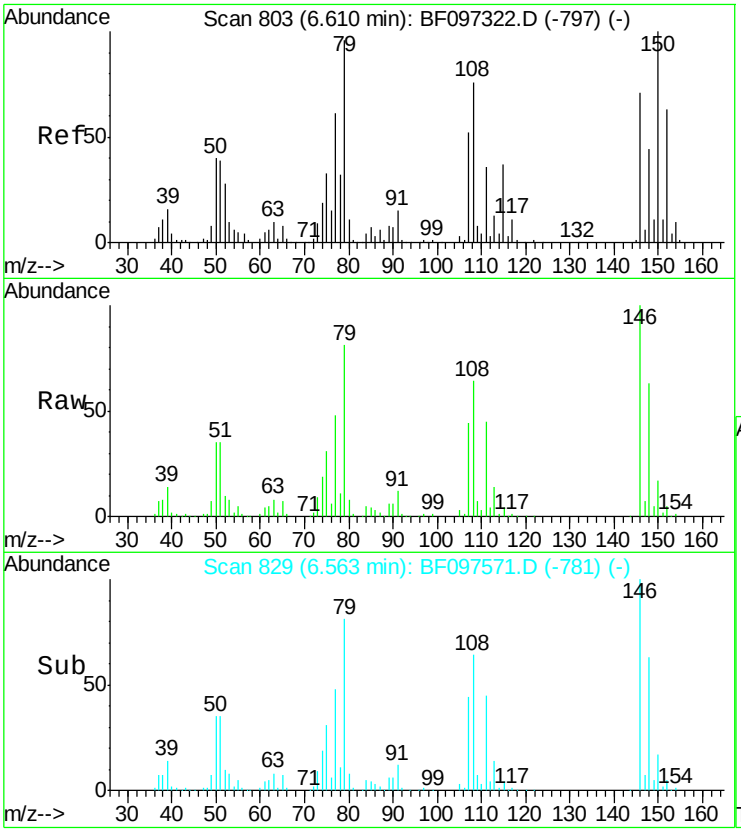




#14
1,2-Dichlorobenzene
Concen: 29.11 ng
RT: 6.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:146 Resp: 200588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 62.7 | 50.4 | 75.6 |
| 111 | 45.1 | 38.2 | 57.4 |



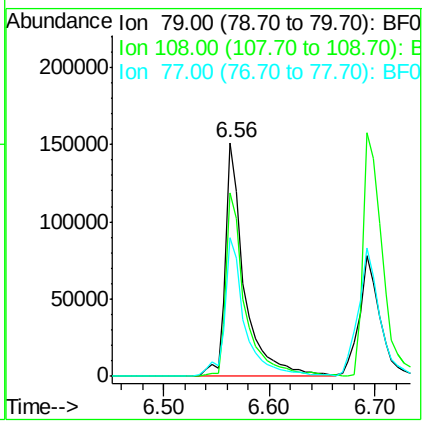


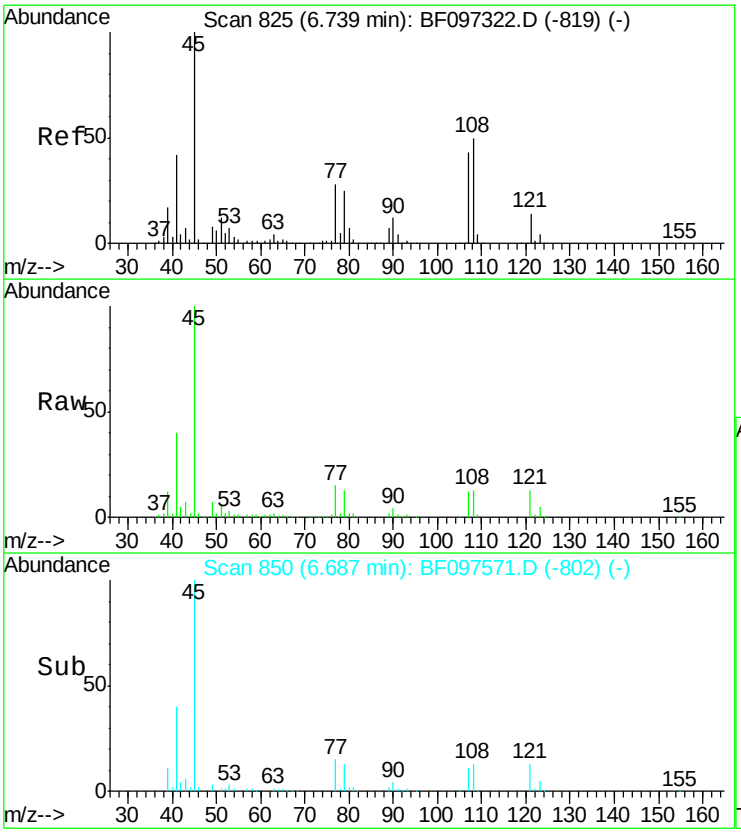

#15
Benzyl Alcohol
Concen: 37.62 ng
RT: 6.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion: 79 Resp: 187876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 78.6 | 63.4 | 95.0 |
| 77 | 59.3 | 49.2 | 73.8 |

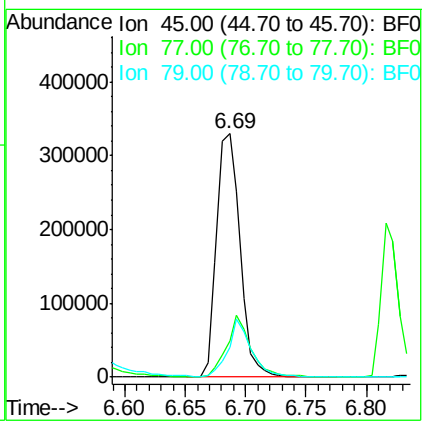


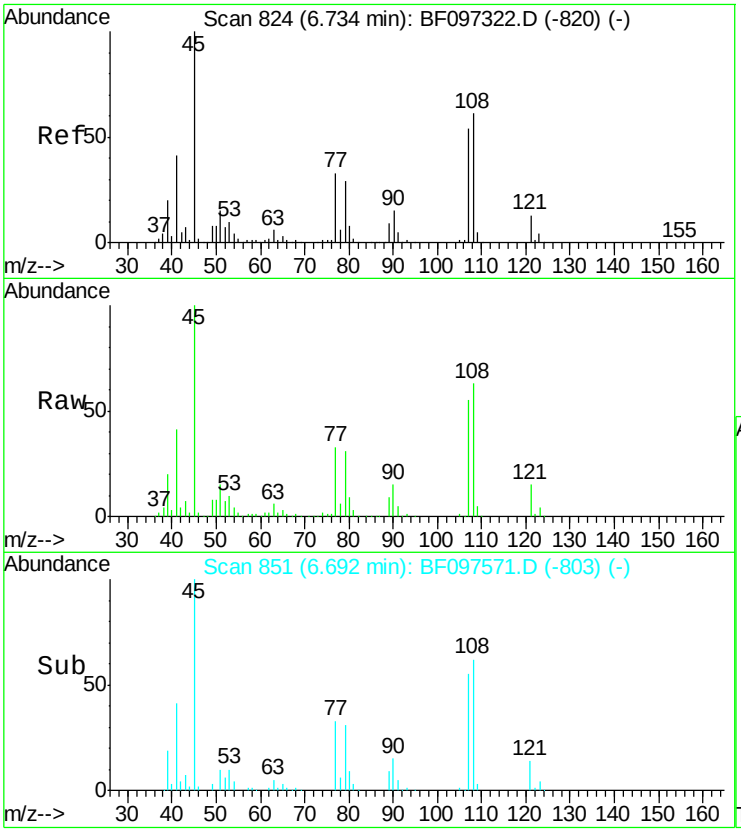




#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.72 ng
RT: 6.69 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion: 45 Resp: 441125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 15.0 | 0.0 | 33.2 |
| 79 | 12.5 | 0.0 | 30.0 |



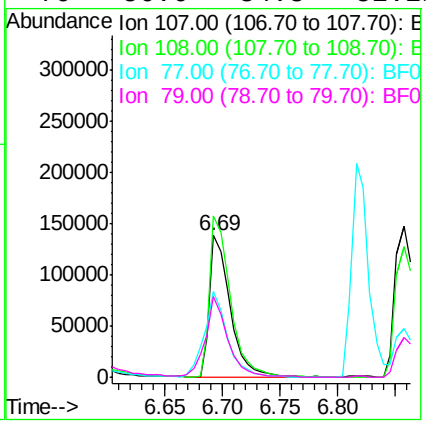


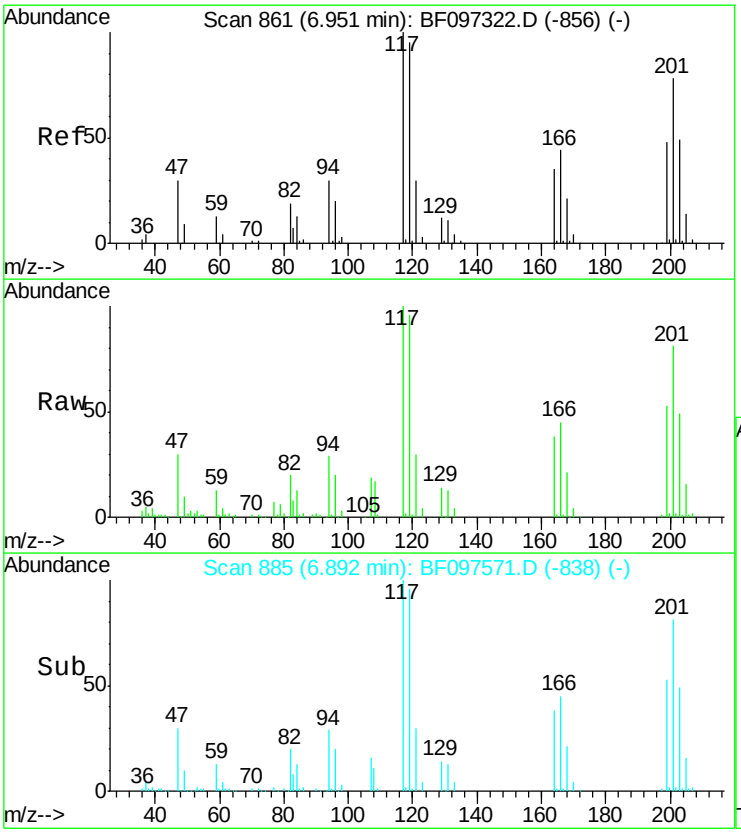

#17
2-Methylphenol
Concen: 30.04 ng
RT: 6.69 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:107 Resp: 171297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.0 | 93.4 | 140.0 |
| 77 | 60.3 | 35.8 | 53.6# |
| 79 | 56.6 | 34.8 | 52.2# |

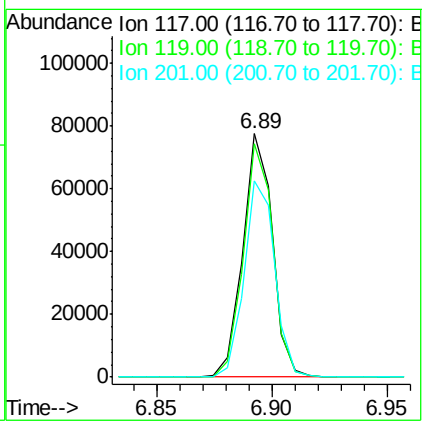


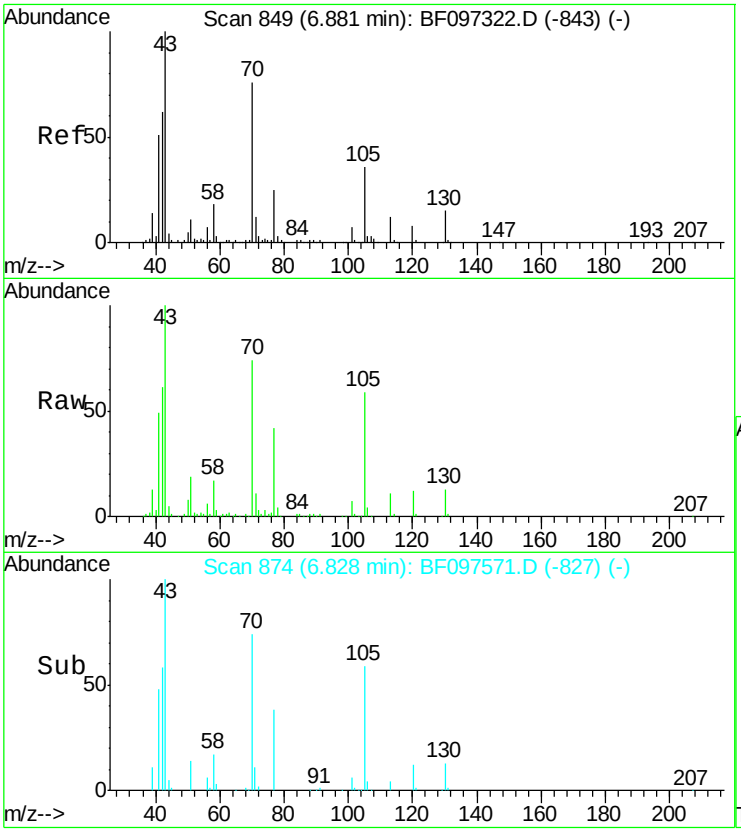




#18
Hexachloroethane
Concen: 24.10 ng
RT: 6.89 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:117 Resp: 69571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 96.0 | 77.4 | 116.0 |
| 201 | 80.7 | 94.6 | 141.8# |



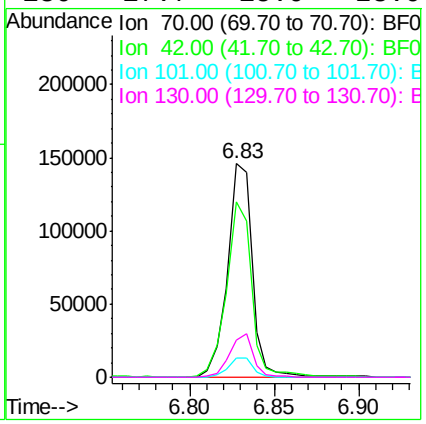


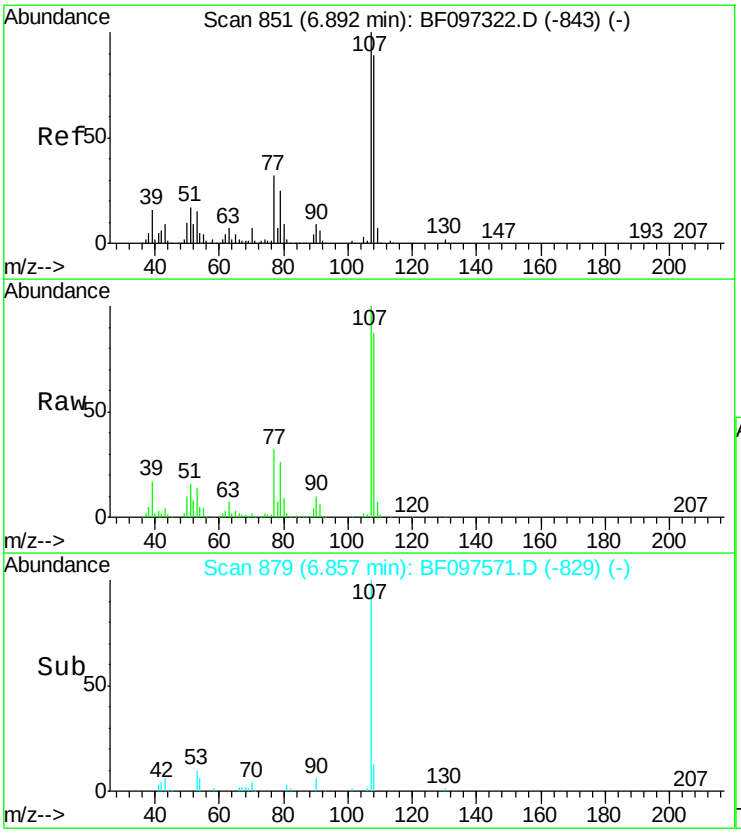

#19
n-Nitroso-di-n-propylamine
Concen: 28.57 ng
RT: 6.83 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion: 70 Resp: 148374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 82.3 | 47.2 | 70.8# |
| 101 | 9.1 | 7.2 | 10.8 |
| 130 | 17.7 | 15.9 | 23.9 |

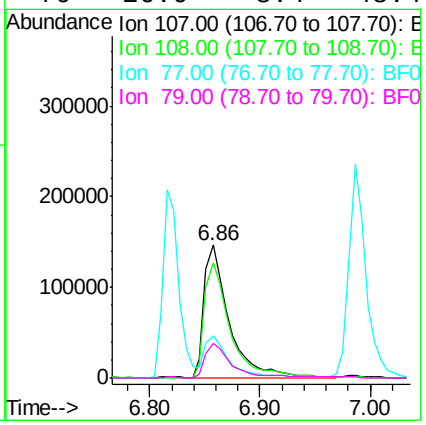


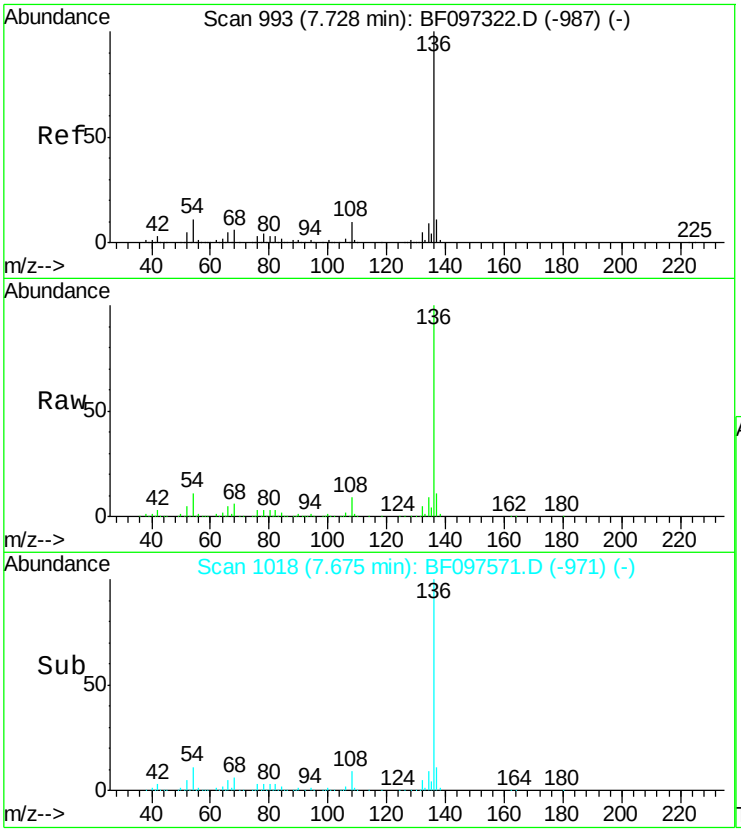




#20
3+4-Methylphenols
Concen: 30.56 ng
RT: 6.86 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:107 Resp: 227613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.0 | 71.0 | 111.0 |
| 77 | 32.2 | 90.5 | 130.5# |
| 79 | 26.0 | 8.4 | 48.4 |



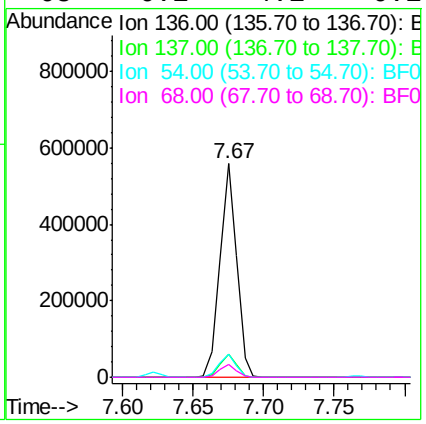


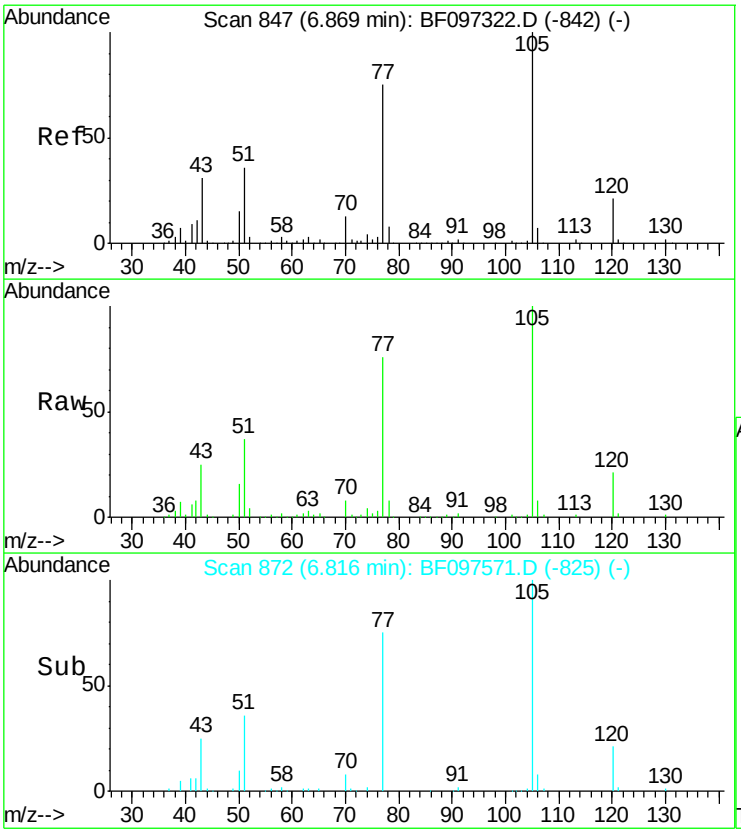

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.67 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:136 Resp: 461567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.5 | 12.7 |
| 54 | 11.0 | 4.9 | 7.3# |
| 68 | 6.1 | 4.1 | 6.1 |

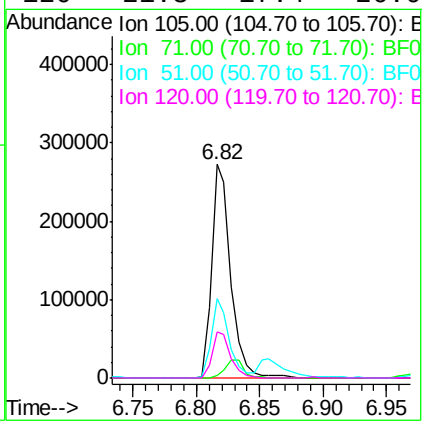


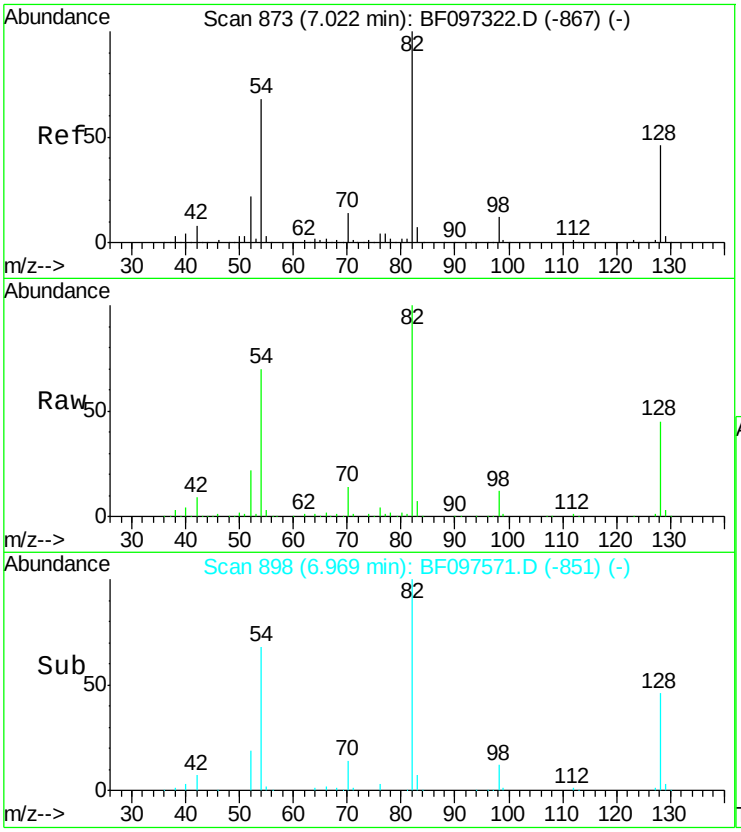




#22
Acetophenone
Concen: 26.00 ng
RT: 6.82 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:105 Resp: 288149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.4 | 2.8 | 4.2# |
| 51 | 37.1 | 30.7 | 46.1 |
| 120 | 21.3 | 17.4 | 26.0 |



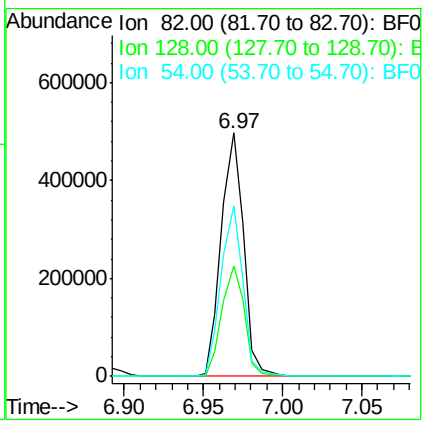


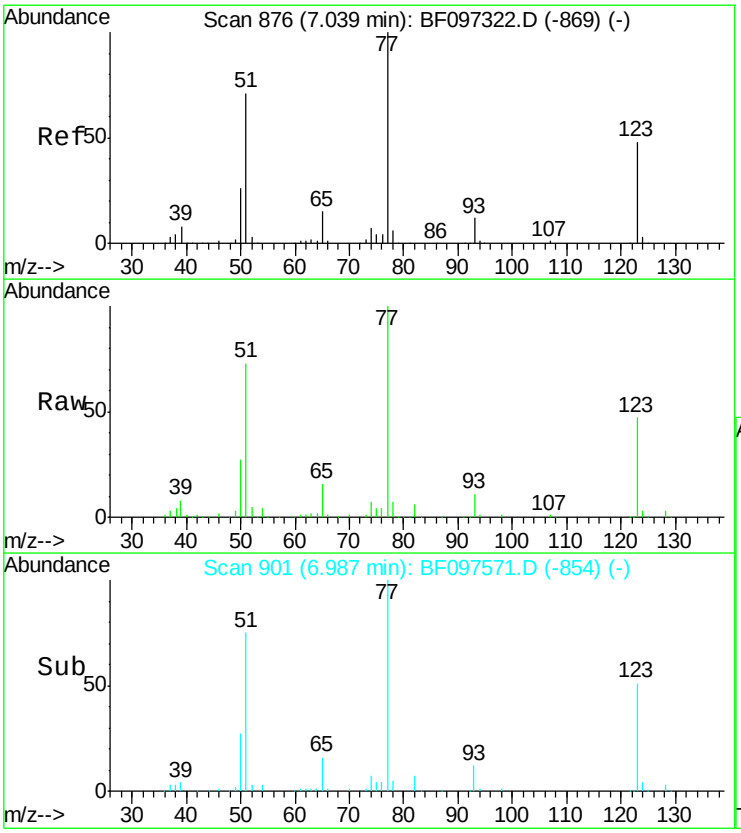

#23
Nitrobenzene-d5
Concen: 62.19 ng
RT: 6.97 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion: 82 Resp: 489292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.5 | 34.0 | 51.0 |
| 54 | 69.8 | 42.2 | 63.2# |

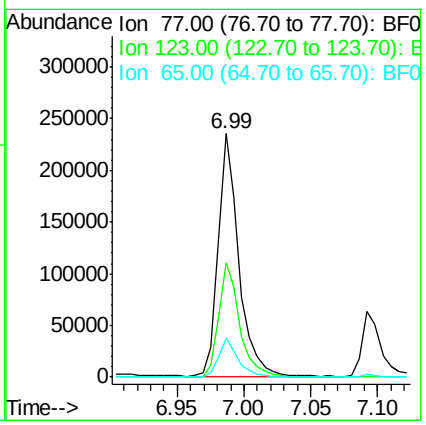


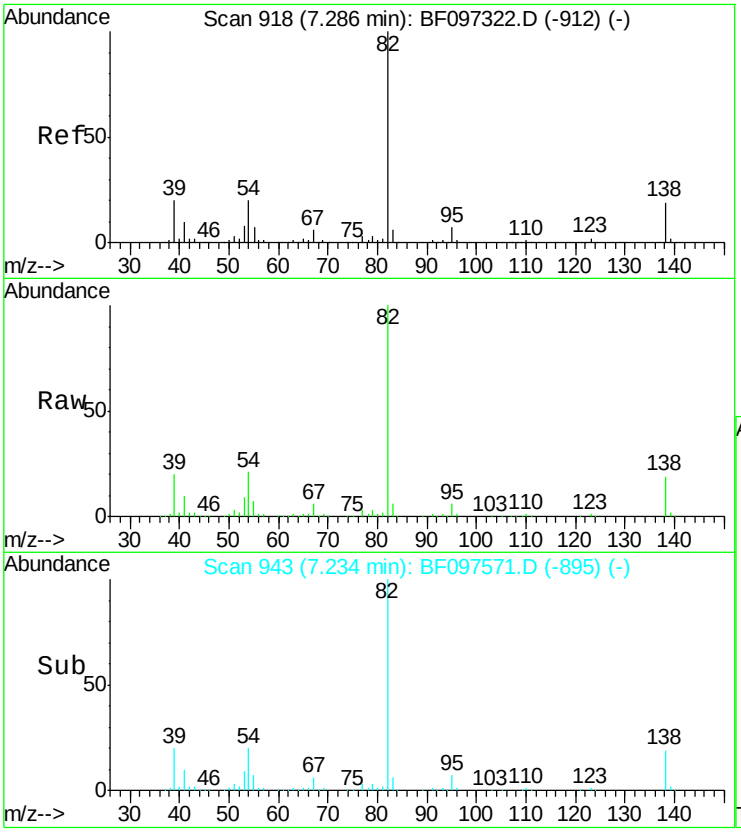




#24
Nitrobenzene
Concen: 31.61 ng
RT: 6.99 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion: 77 Resp: 259059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 47.0 | 35.8 | 53.8 |
| 65 | 15.8 | 10.6 | 15.8 |



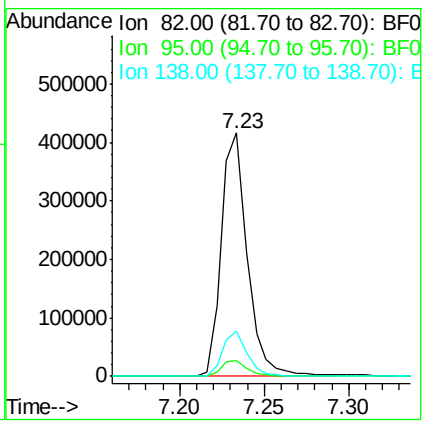


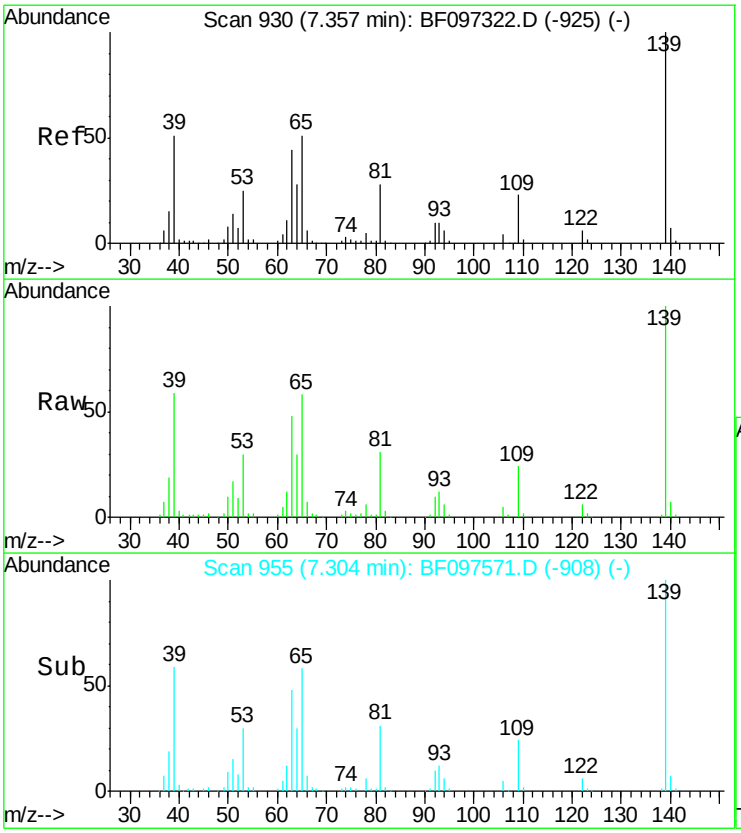

#25
Isophorone
Concen: 29.08 ng
RT: 7.23 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion: 82 Resp: 448105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 6.4 | 5.3 | 7.9 |
| 138 | 18.8 | 13.1 | 19.7 |

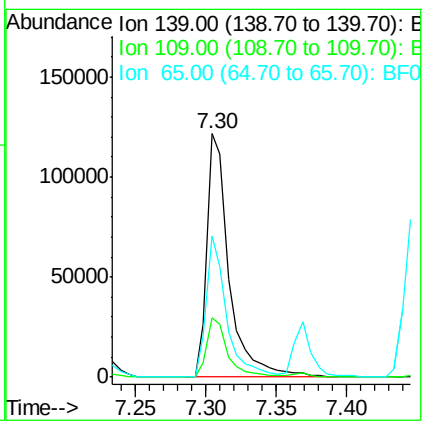


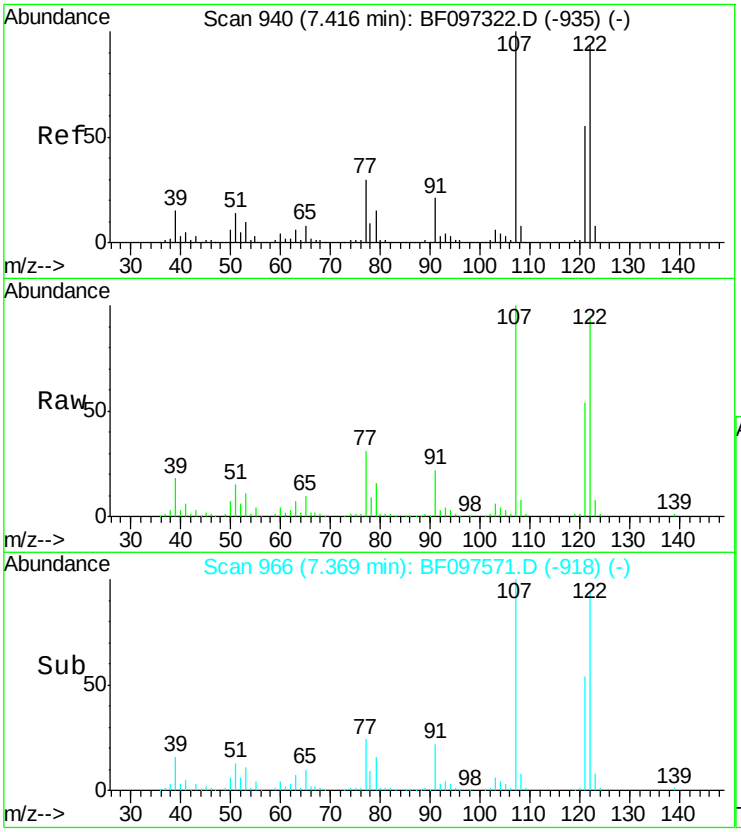




#26
2-Nitrophenol
Concen: 30.00 ng
RT: 7.30 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:139 Resp: 132992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 24.1 | 21.0 | 31.6 |
| 65 | 58.1 | 33.0 | 49.6# |



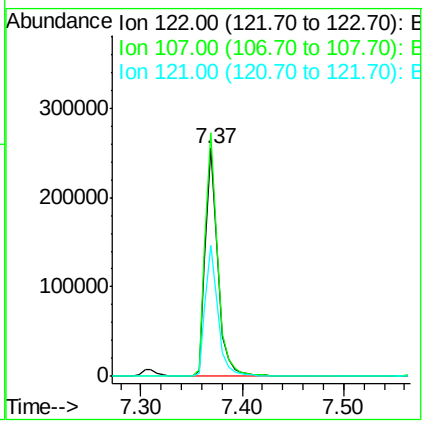


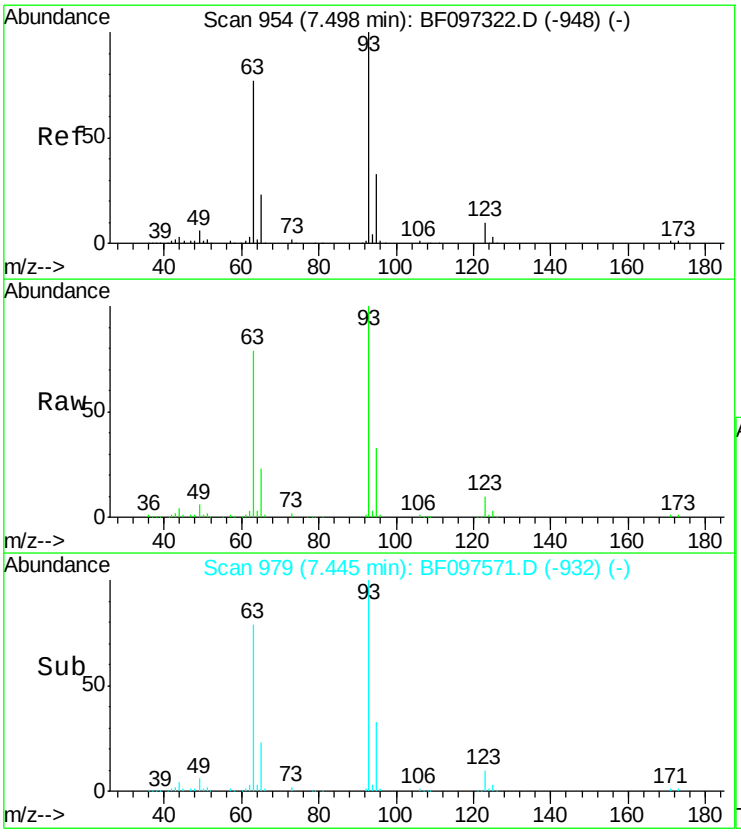

#27
2,4-Dimethylphenol
Concen: 30.03 ng
RT: 7.37 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:122 Resp: 219639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 106.9 | 89.2 | 133.8 |
| 121 | 57.3 | 45.2 | 67.8 |

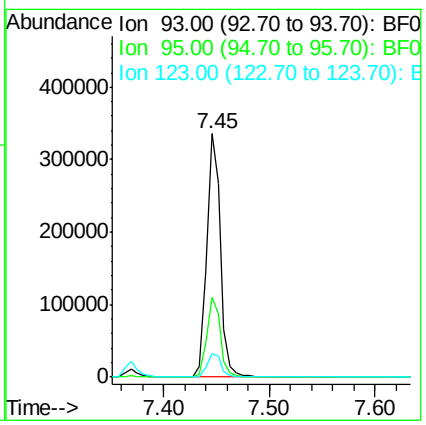


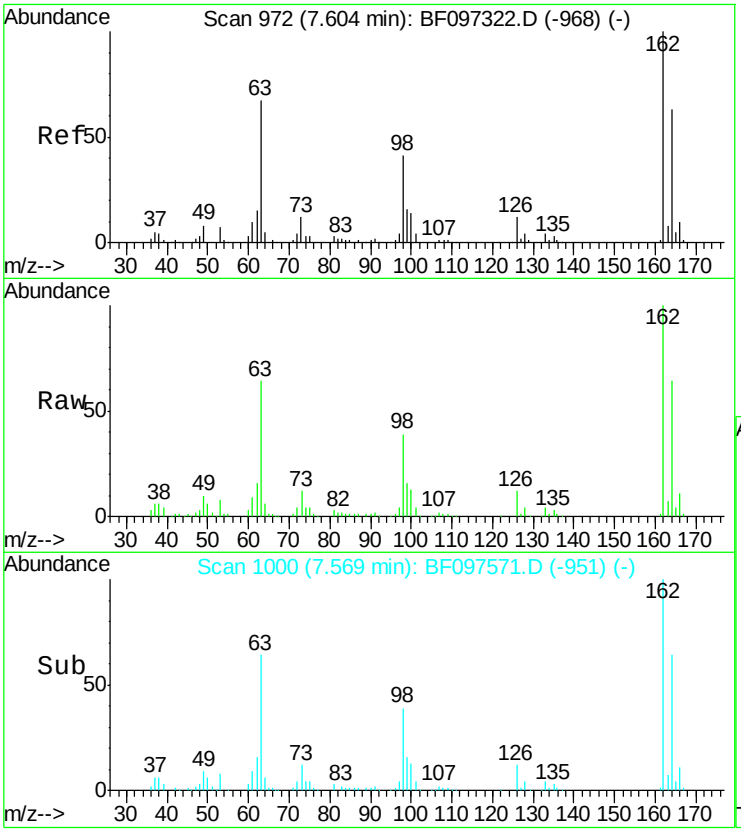




#28
bis(2-Chloroethoxy)methane
Concen: 30.25 ng
RT: 7.45 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion: 93 Resp: 304151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 26.5 | 39.7 |
| 123 | 9.9 | 9.0 | 13.4 |



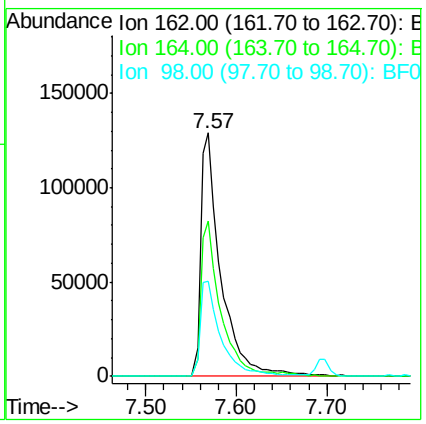


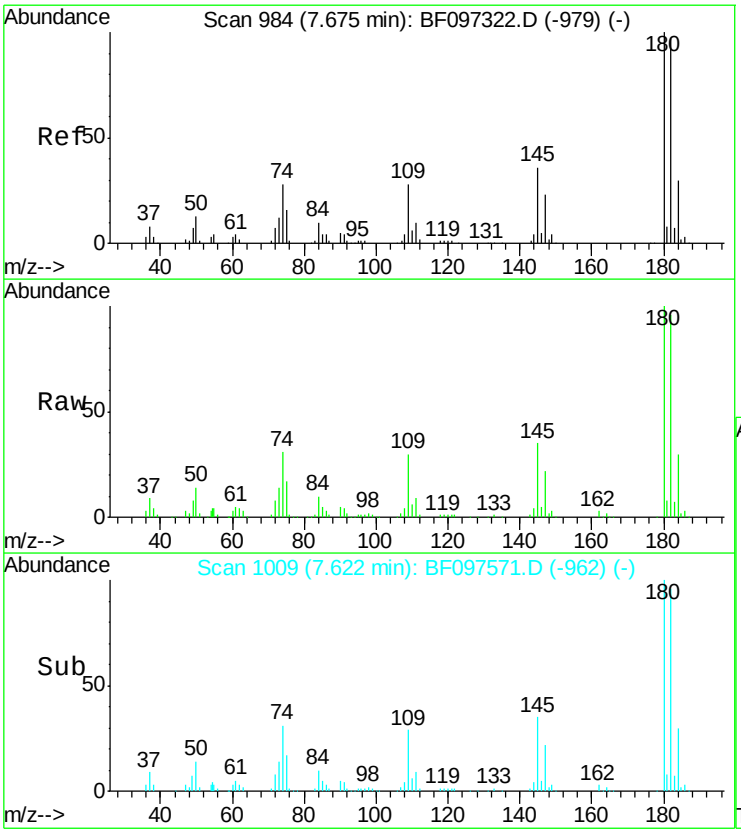

#29
2,4-Dichlorophenol
Concen: 31.71 ng
RT: 7.57 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:162 Resp: 199757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.0 | 44.6 | 84.6 |
| 98 | 39.0 | 14.8 | 54.8 |

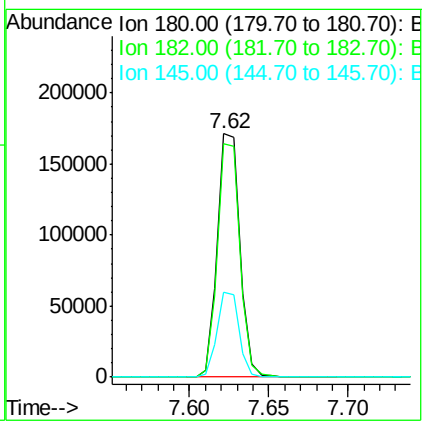


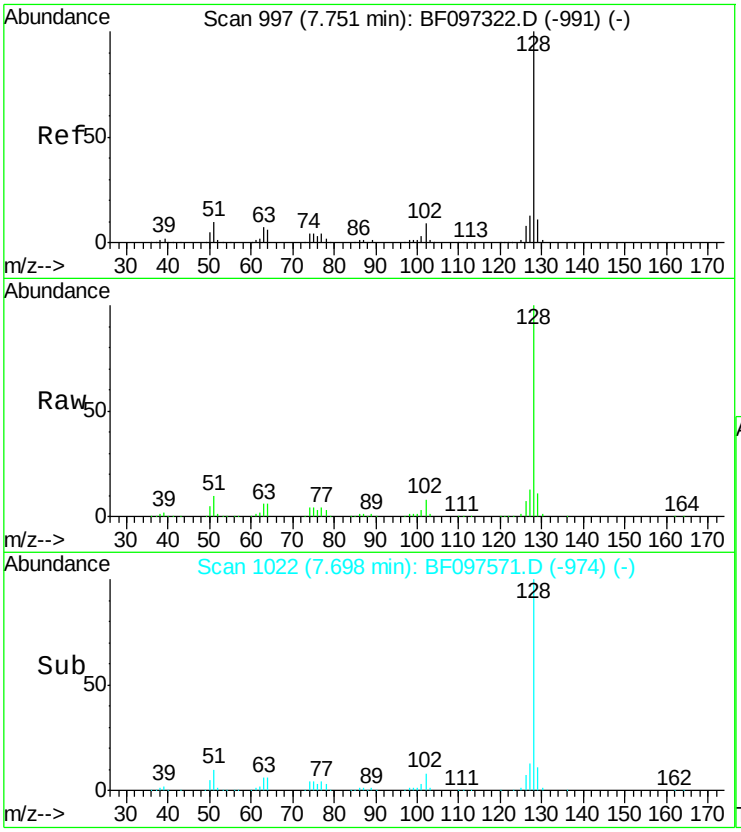




#30
1,2,4-Trichlorobenzene
Concen: 28.21 ng
RT: 7.62 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:180 Resp: 169420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 75.8 | 113.6 |
| 145 | 35.0 | 25.3 | 37.9 |



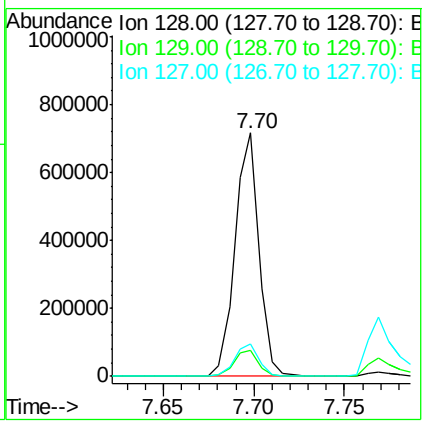


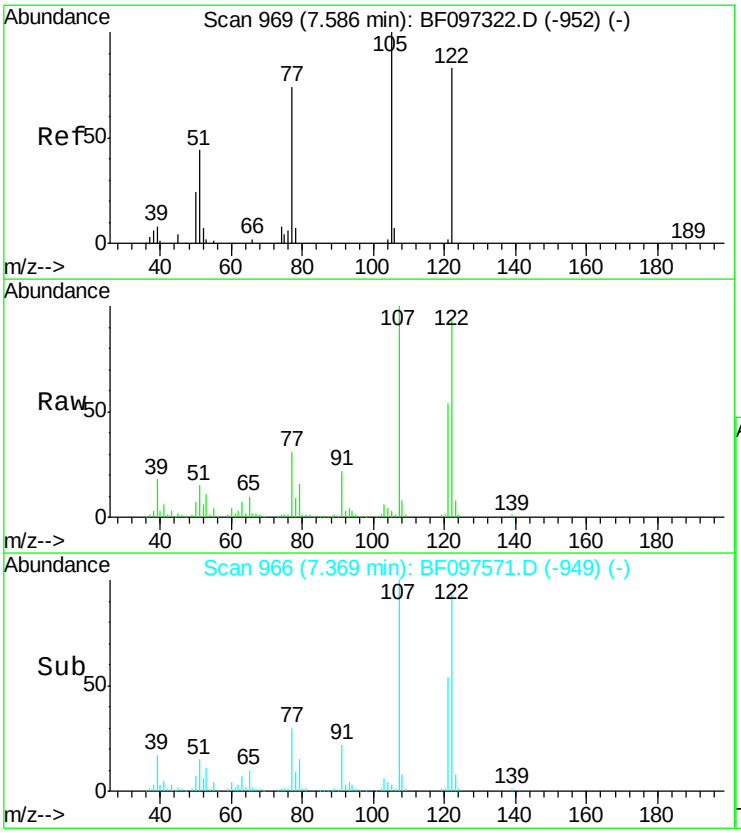

#31
Naphthalene
Concen: 30.27 ng
RT: 7.70 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:128 Resp: 658702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 9.0 | 13.6 |
| 127 | 13.3 | 10.8 | 16.2 |

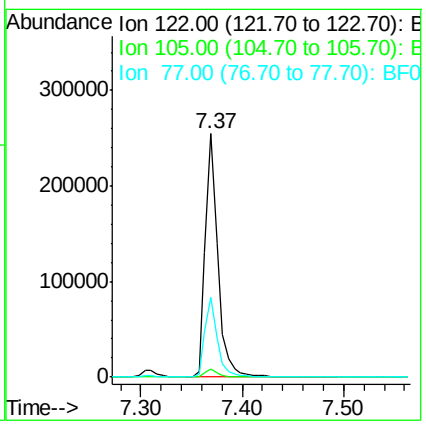


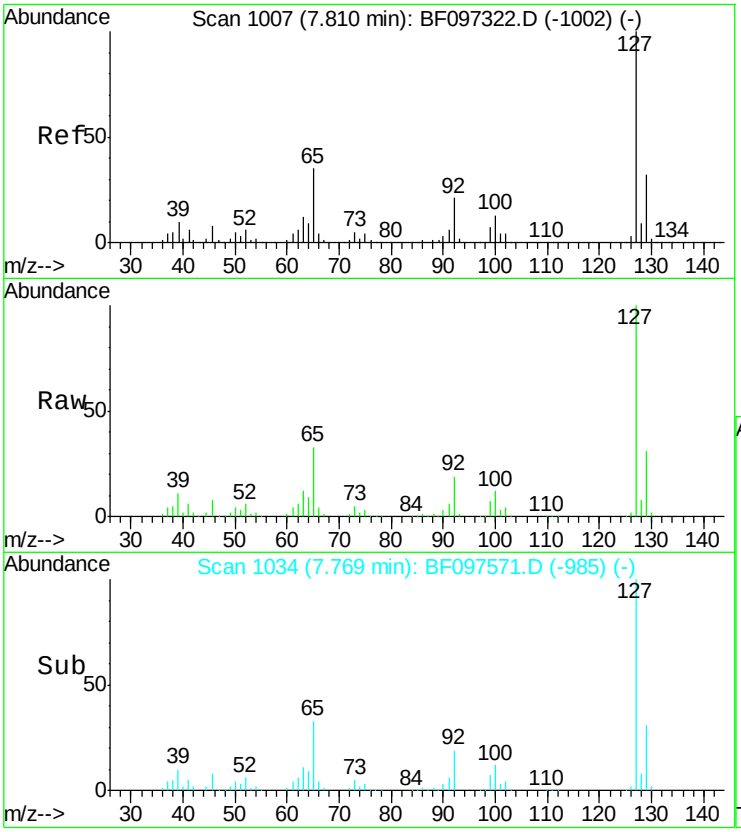




#32
Benzoic acid
Concen: 40.22 ng
RT: 7.37 min Scan# 966
Delta R.T. -0.20 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:122 Resp: 219639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 3.6 | 103.3 | 143.3# |
| 77 | 32.8 | 73.7 | 113.7# |



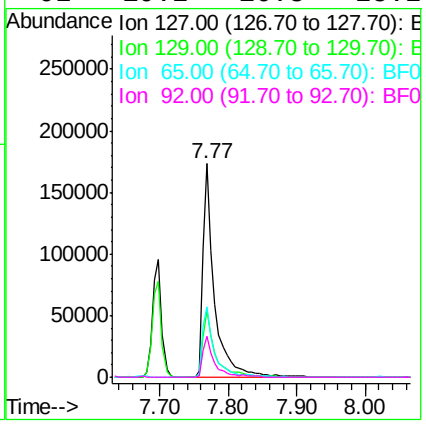


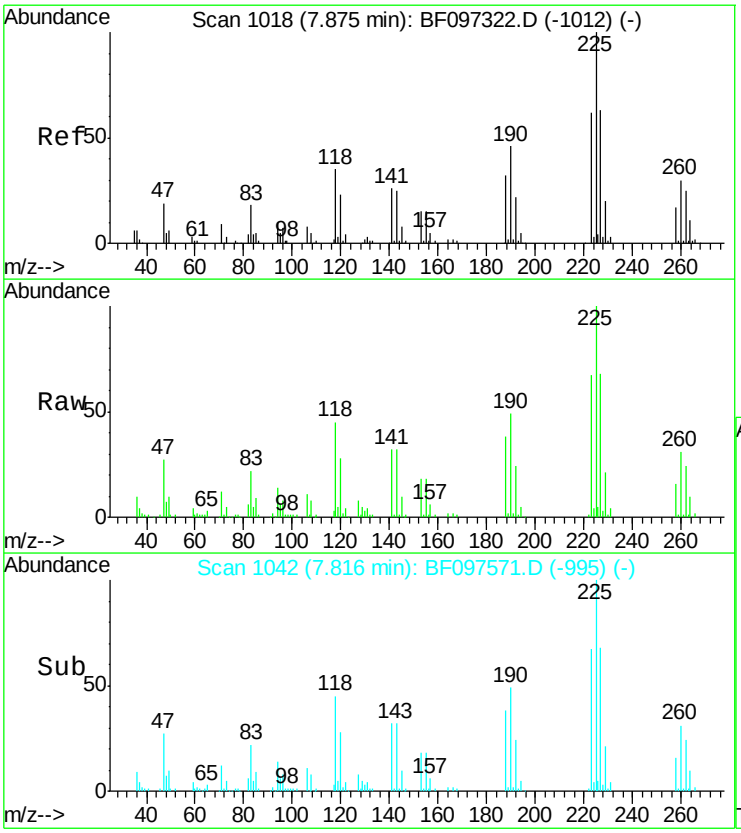

#33
4-Chloroaniline
Concen: 23.43 ng
RT: 7.77 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:127 Resp: 207407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.2 | 26.2 | 39.2 |
| 65 | 33.2 | 27.8 | 41.8 |
| 92 | 19.2 | 16.8 | 25.2 |

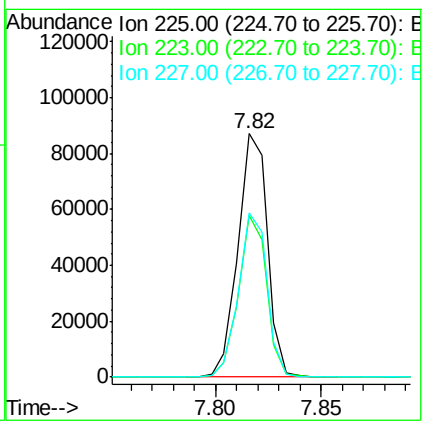


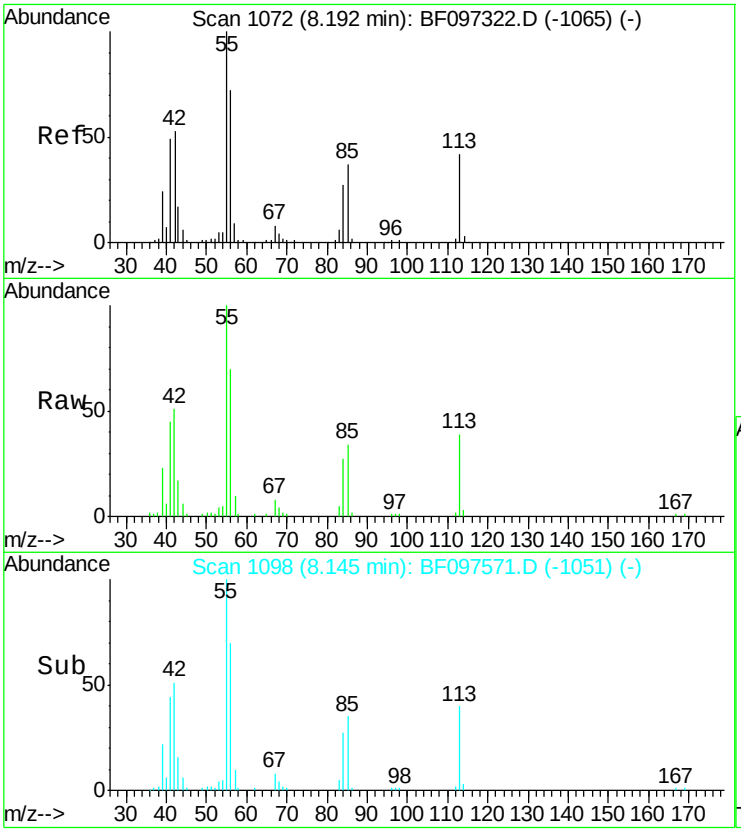




#34
Hexachlorobutadiene
Concen: 26.47 ng
RT: 7.82 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:225 Resp: 84269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 66.5 | 48.8 | 73.2 |
| 227 | 67.6 | 51.1 | 76.7 |



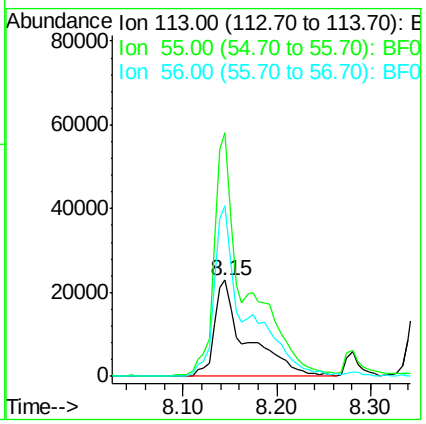


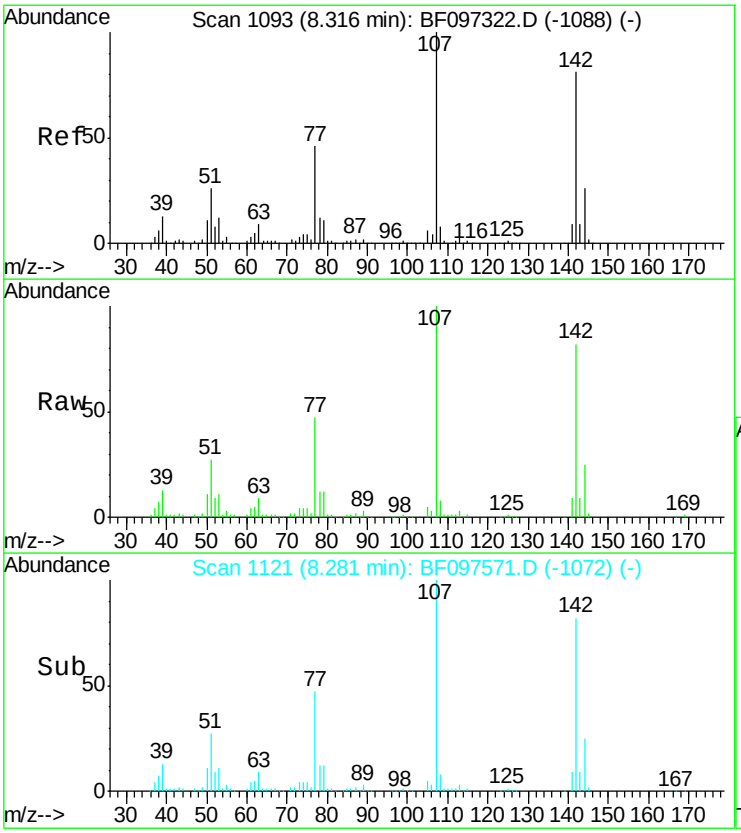

#35
Caprolactam
Concen: 27.07 ng
RT: 8.15 min Scan# 1098
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:113 Resp: 54684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 253.2 | 150.2 | 190.2# |
| 56 | 177.0 | 107.8 | 147.8# |

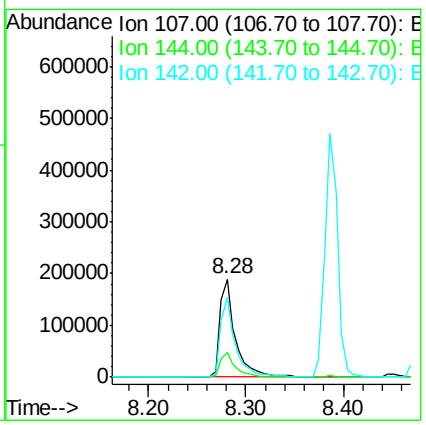


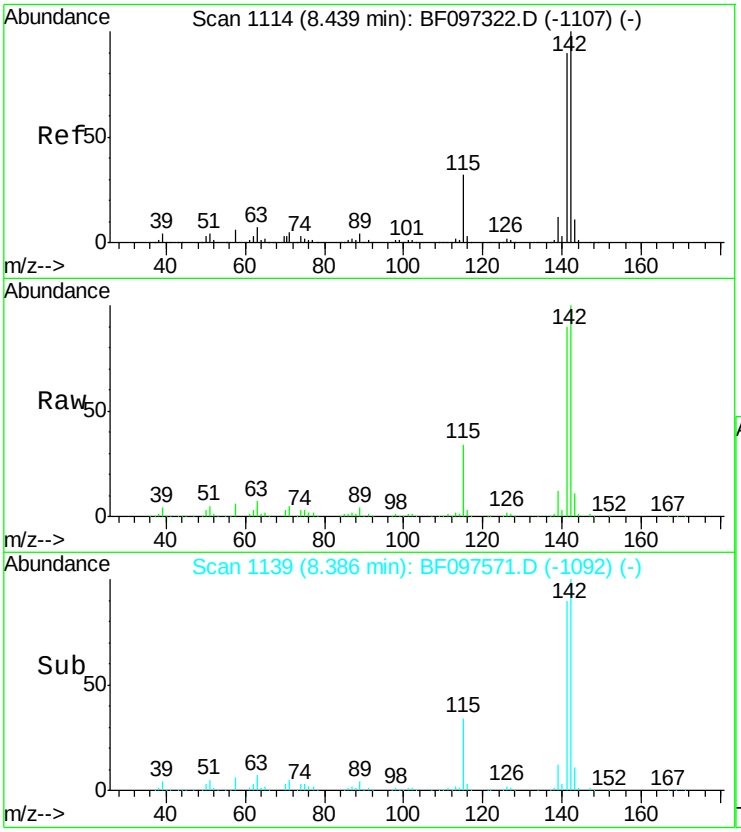




#36
4-Chloro-3-methylphenol
Concen: 30.19 ng
RT: 8.28 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:107 Resp: 207508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.5 | 24.2 | 36.4 |
| 142 | 82.2 | 73.4 | 110.0 |



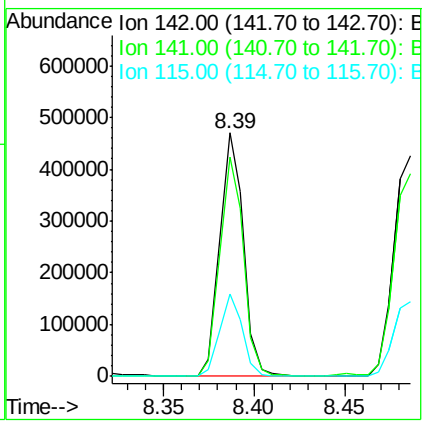


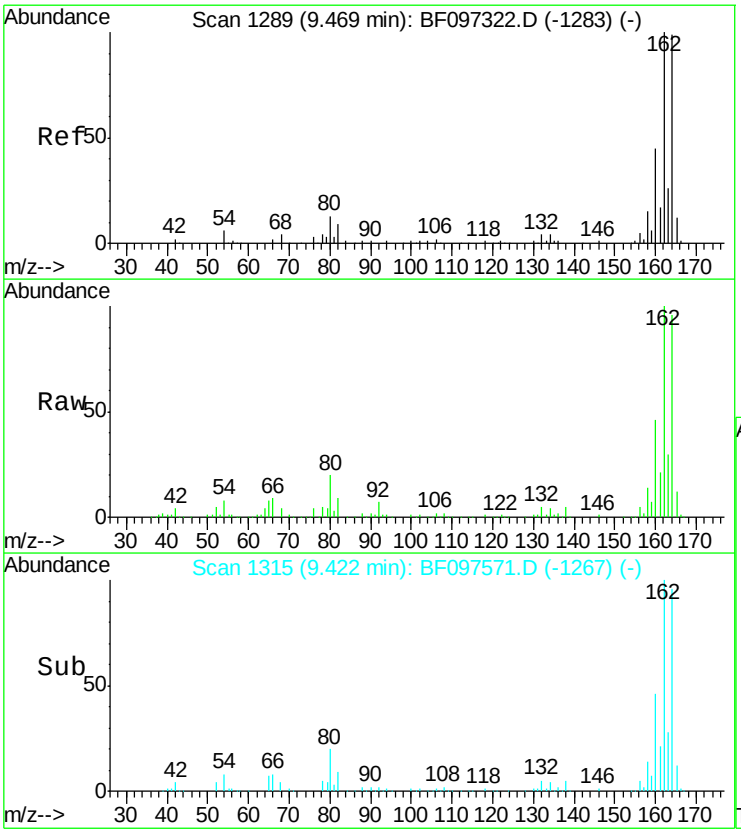

#37
2-Methylnaphthalene
Concen: 30.88 ng
RT: 8.39 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:142 Resp: 425419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.0 | 71.3 | 106.9 |
| 115 | 33.6 | 27.1 | 40.7 |

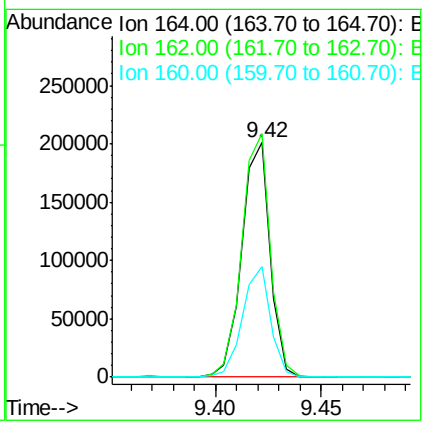


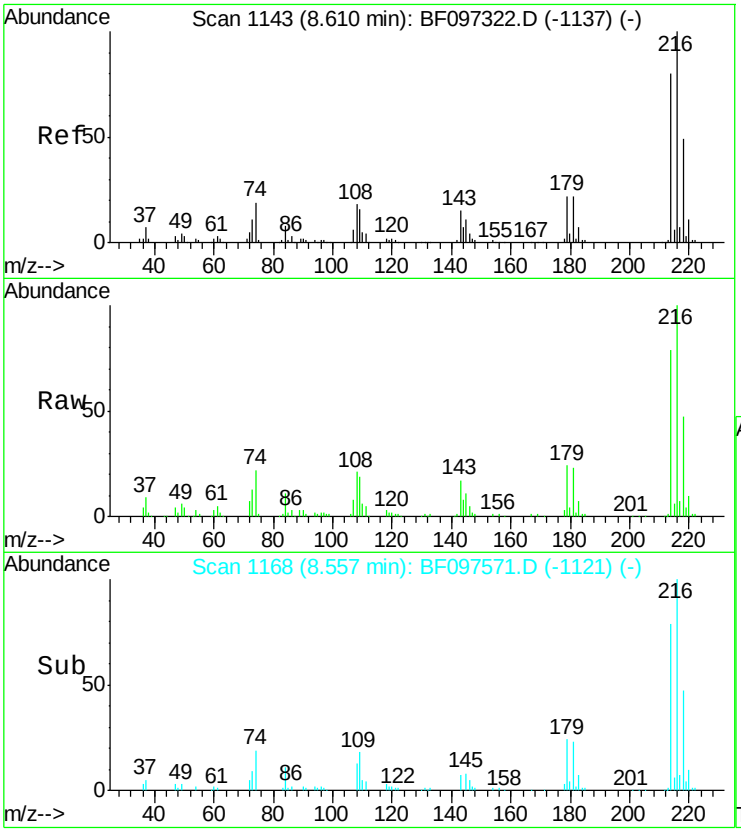




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:164 Resp: 187270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.9 | 82.6 | 123.8 |
| 160 | 47.3 | 36.2 | 54.2 |



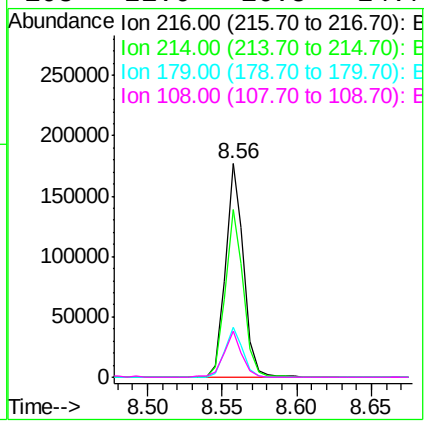


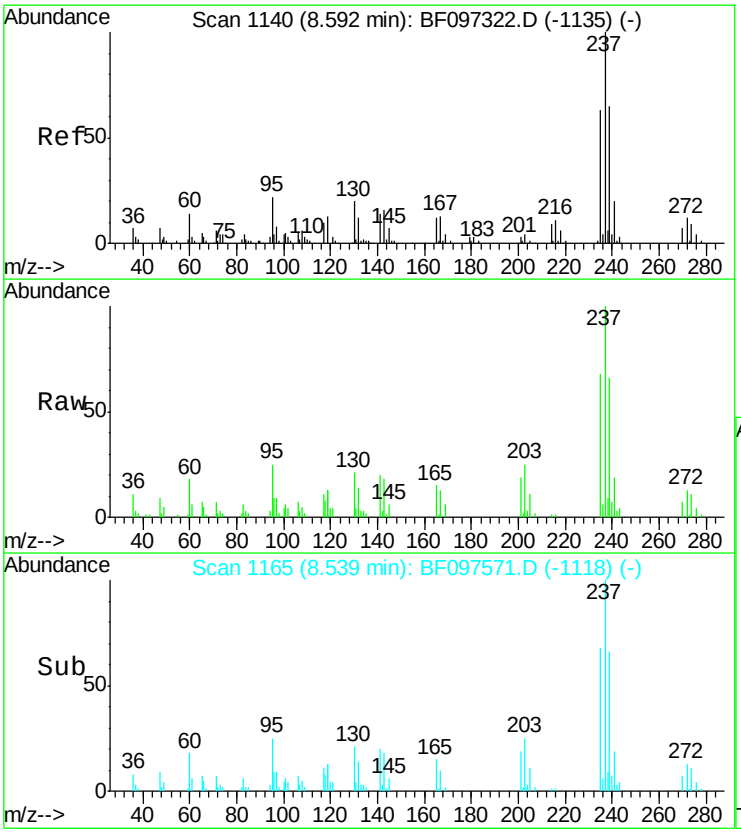

#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.55 ng
RT: 8.56 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:216 Resp: 152630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.4 | 63.4 | 95.2 |
| 179 | 23.1 | 17.9 | 26.9 |
| 108 | 21.6 | 16.5 | 24.7 |

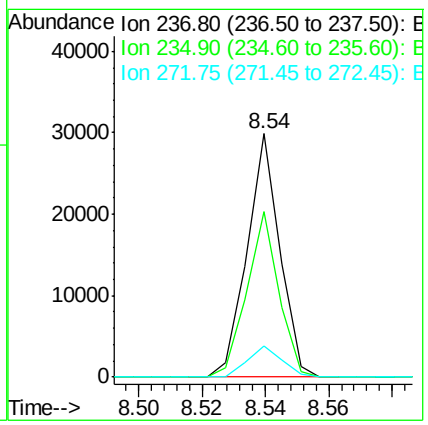


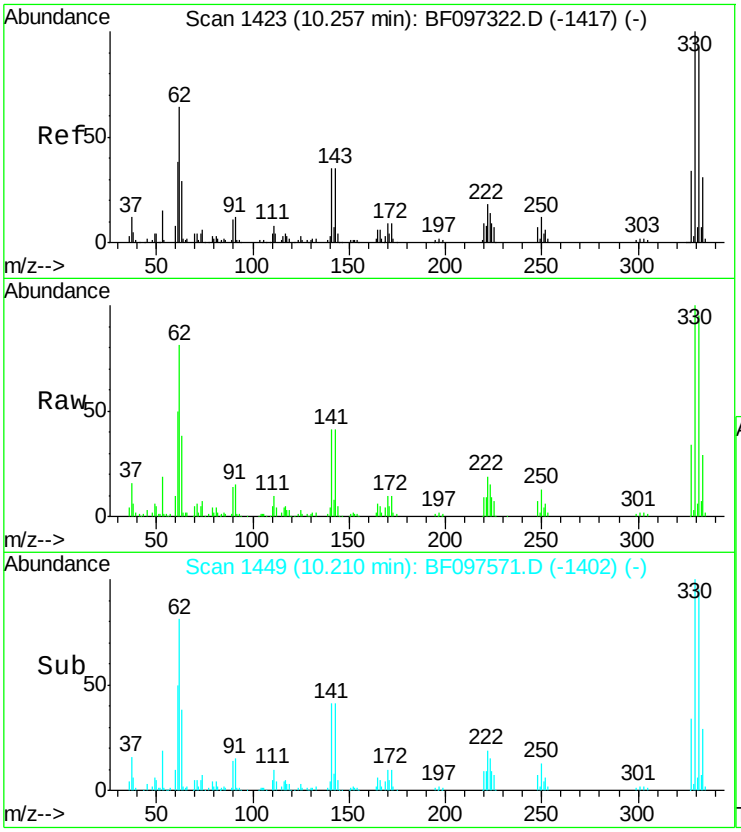




#40
Hexachlorocyclopentadiene
Concen: 17.78 ng
RT: 8.54 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:237 Resp: 21314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 67.8 | 42.6 | 82.6 |
| 272 | 12.7 | 0.0 | 31.9 |



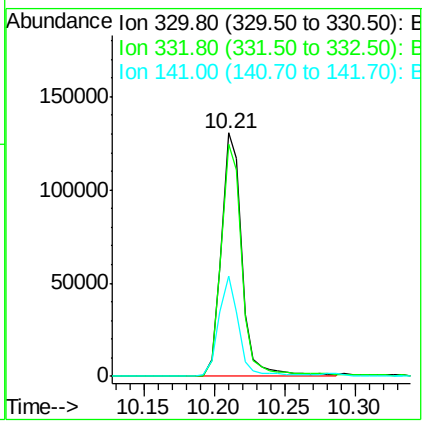


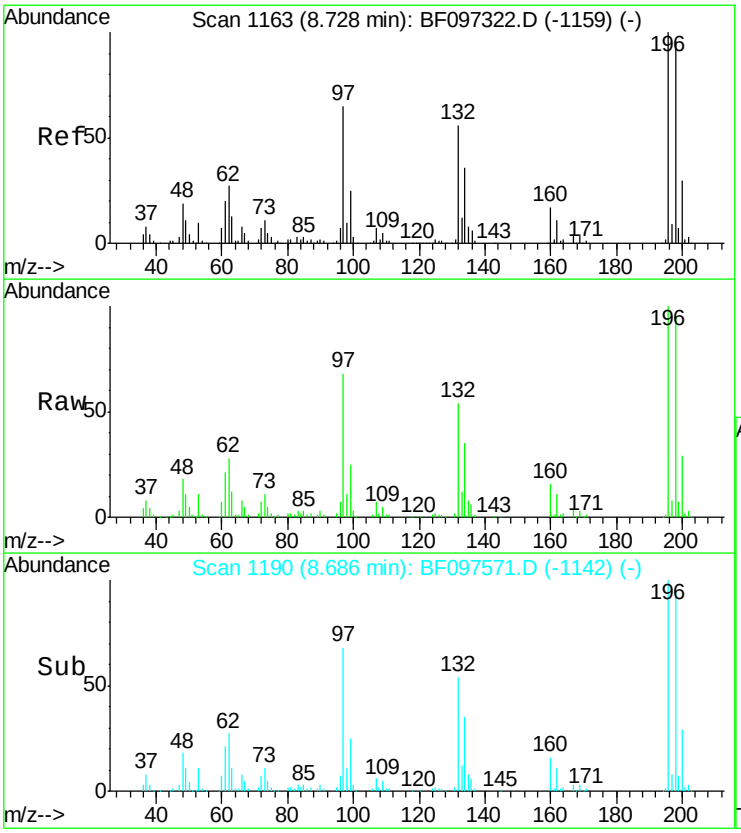

#41
2,4,6-Tribromophenol
Concen: 90.64 ng
RT: 10.21 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:330 Resp: 134108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.0 | 76.6 | 115.0 |
| 141 | 39.6 | 31.4 | 47.2 |

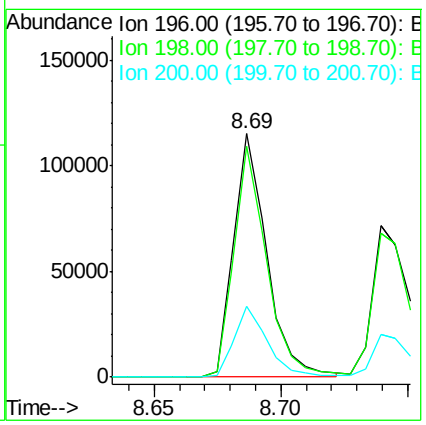


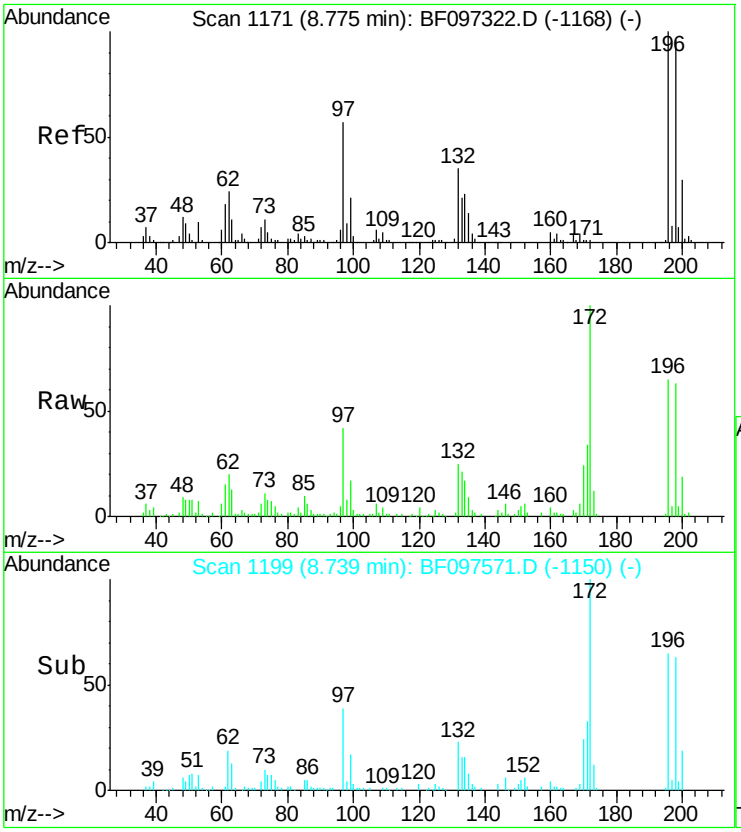




#42
2,4,6-Trichlorophenol
Concen: 28.86 ng
RT: 8.69 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:196 Resp: 104512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.0 | 74.2 | 111.4 |
| 200 | 29.1 | 24.0 | 36.0 |



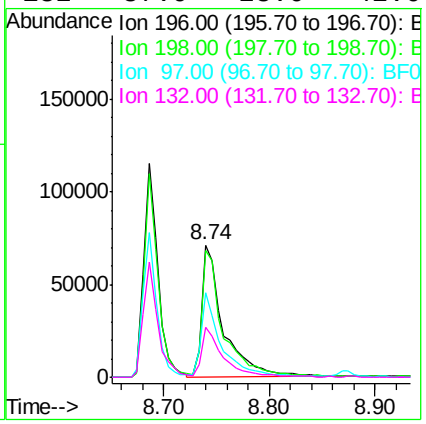


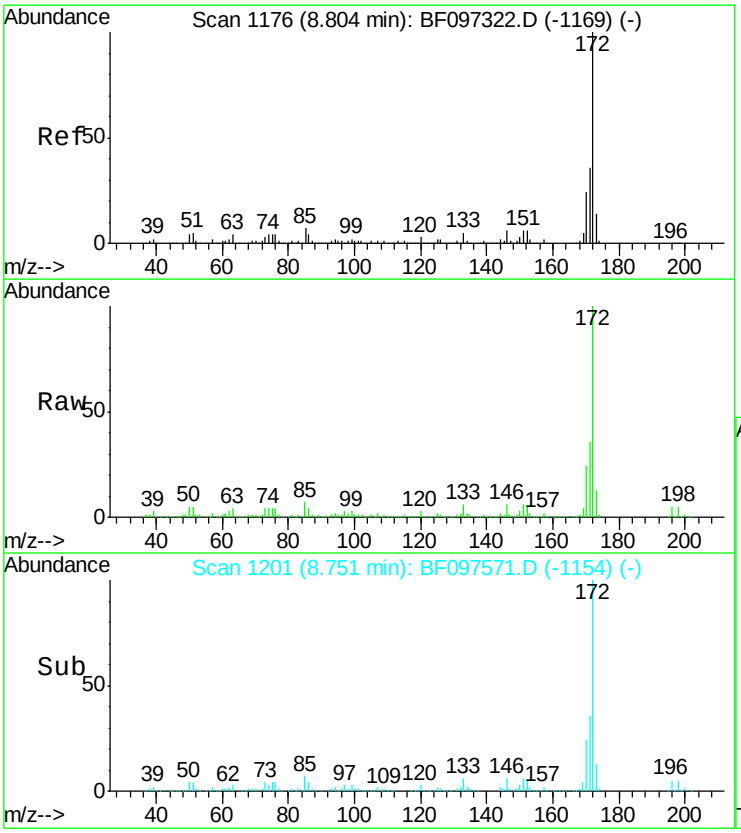

#43
2,4,5-Trichlorophenol
Concen: 27.62 ng
RT: 8.74 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:196 Resp: 100109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.7 | 75.7 | 113.5 |
| 97 | 64.0 | 47.7 | 71.5 |
| 132 | 37.9 | 28.0 | 42.0 |

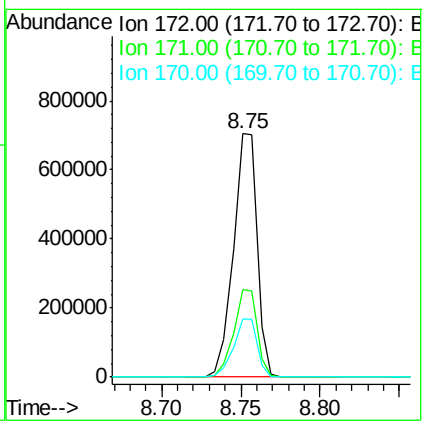


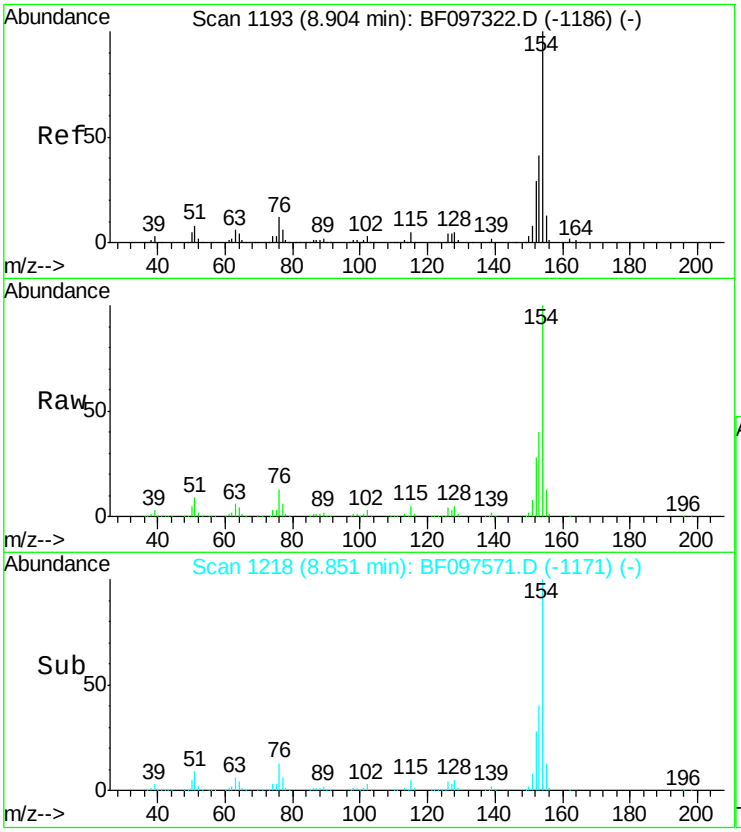




#44
2-Fluorobiphenyl
Concen: 66.00 ng
RT: 8.75 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:172 Resp: 728251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.6 | 44.4 |
| 170 | 23.9 | 19.8 | 29.8 |



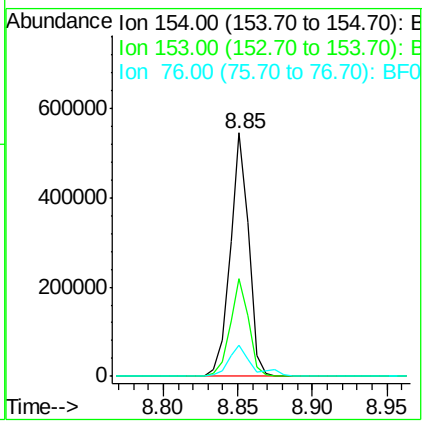


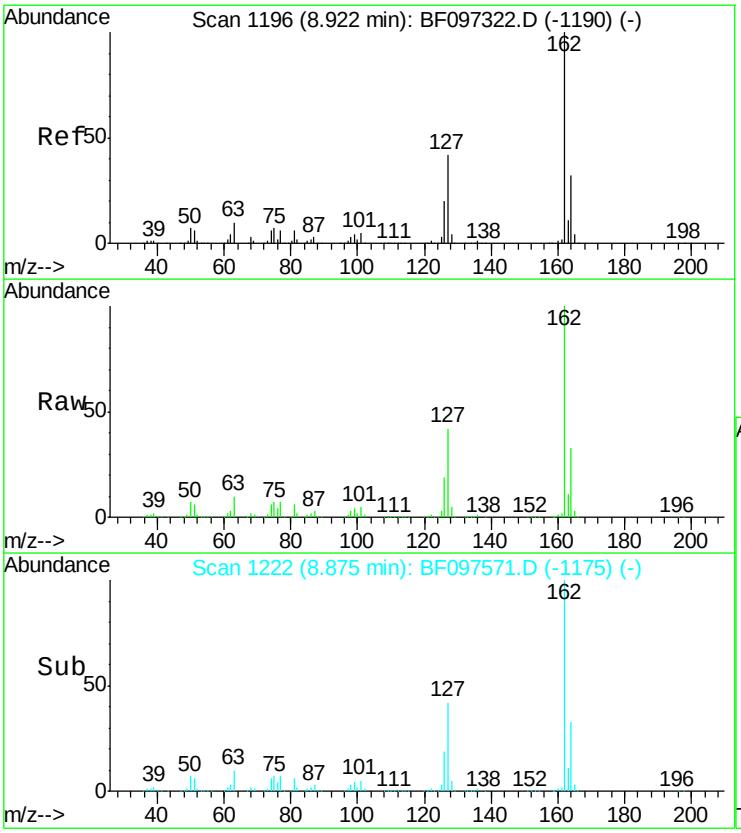

#45
1,1'-Biphenyl
Concen: 29.80 ng
RT: 8.85 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:154 Resp: 476725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 21.2 | 61.2 |
| 76 | 12.9 | 0.0 | 29.9 |

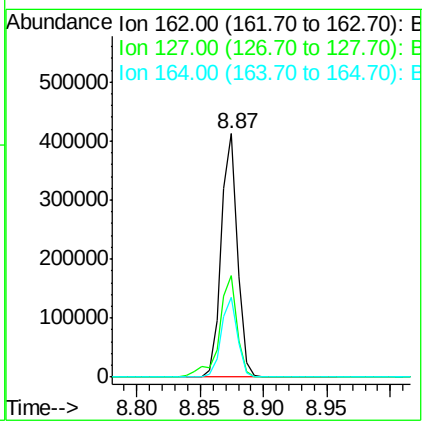


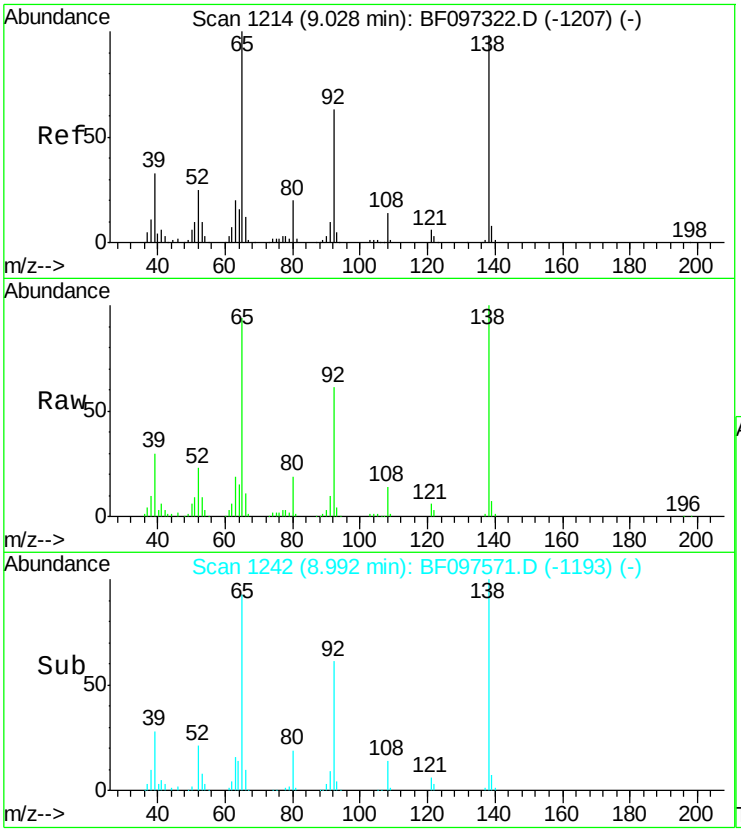




#46
2-Chloronaphthalene
Concen: 31.39 ng
RT: 8.87 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:162 Resp: 369460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 41.7 | 28.3 | 42.5 |
| 164 | 33.0 | 27.0 | 40.4 |



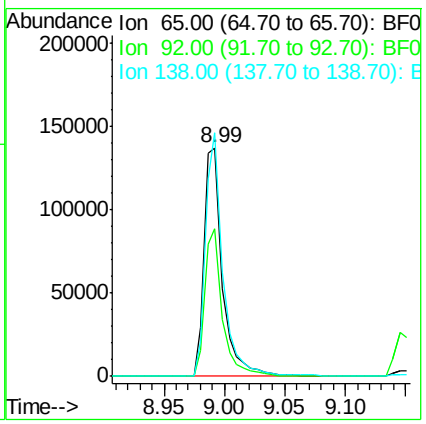


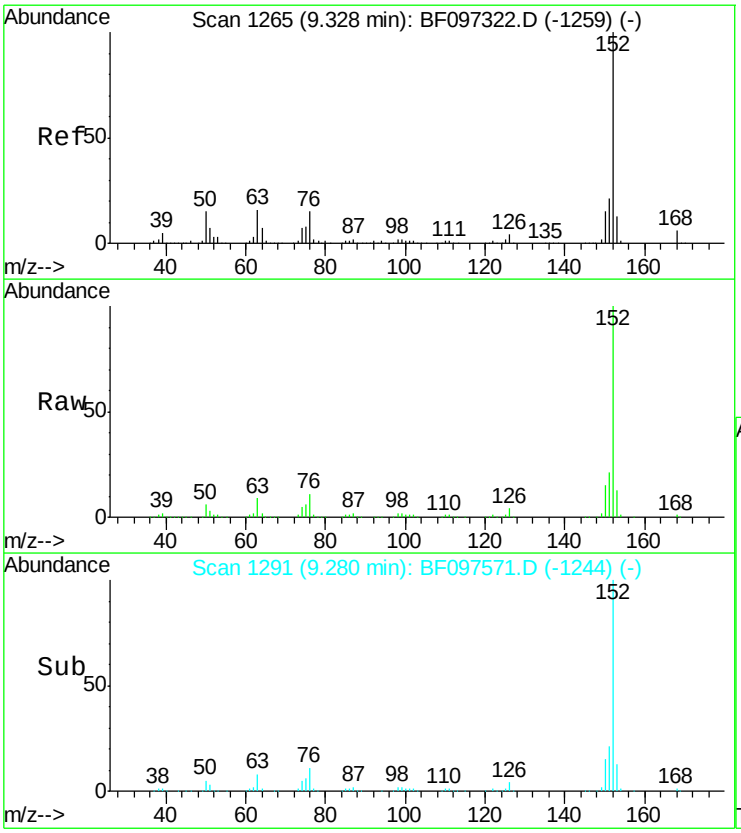

#47
2-Nitroaniline
Concen: 34.13 ng
RT: 8.99 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion: 65 Resp: 145801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 64.9 | 53.9 | 80.9 |
| 138 | 106.6 | 78.8 | 118.2 |

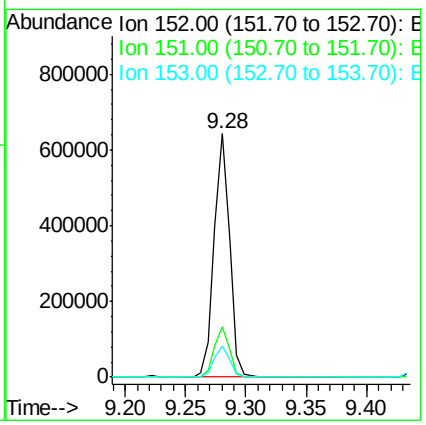


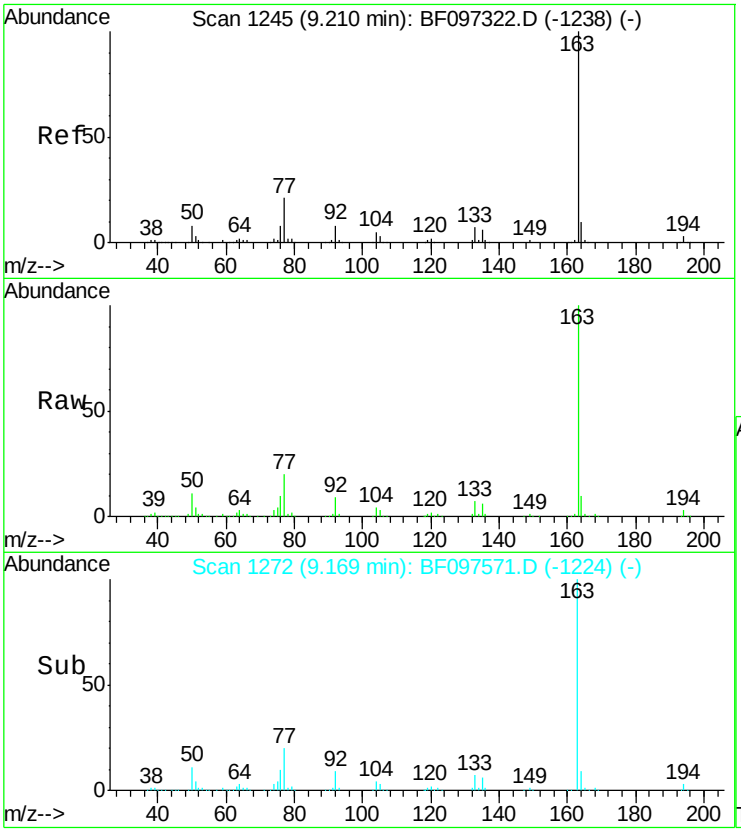




#48
Acenaphthylene
Concen: 30.86 ng
RT: 9.28 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:152 Resp: 557539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.7 | 16.8 | 25.2 |
| 153 | 12.7 | 10.8 | 16.2 |



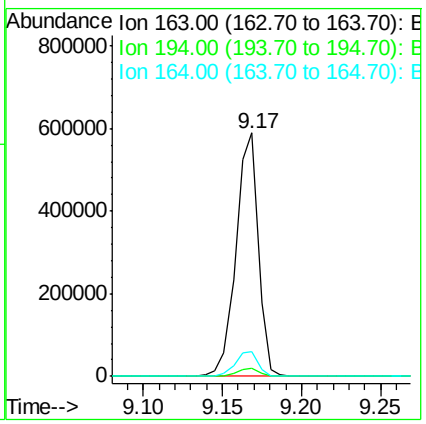


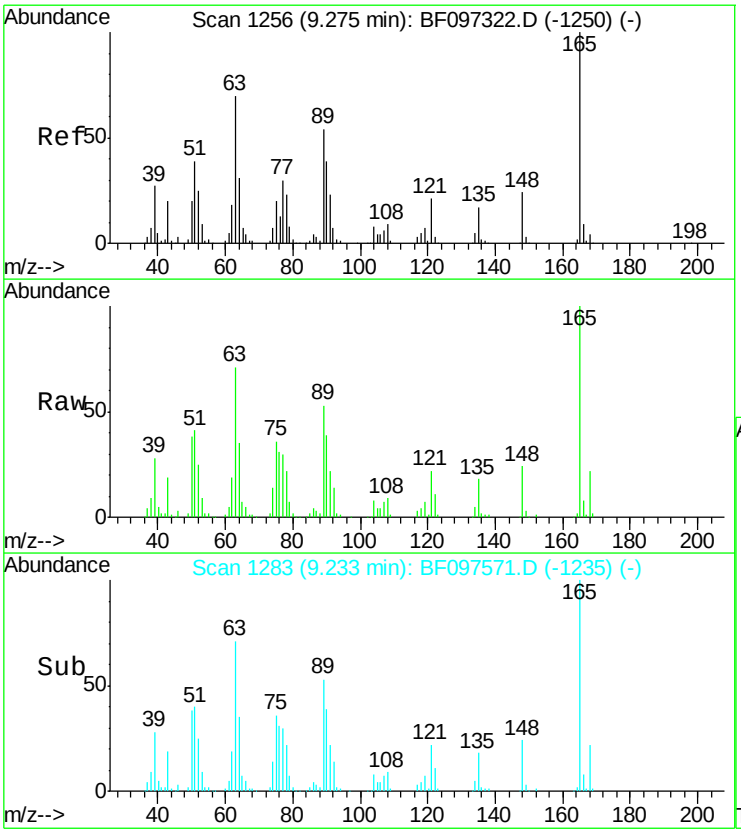

#49
Dimethylphthalate
Concen: 40.38 ng
RT: 9.17 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:163 Resp: 574178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.2 | 2.6 | 4.0 |
| 164 | 10.0 | 8.4 | 12.6 |

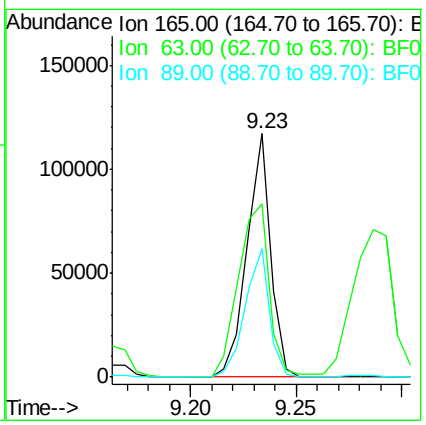


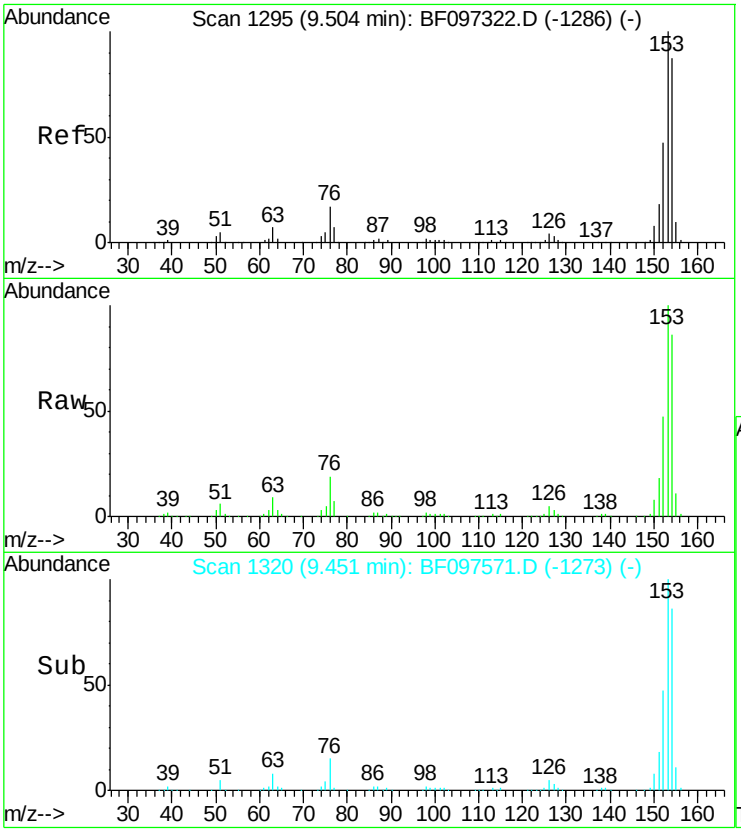




#50
2,6-Dinitrotoluene
Concen: 30.39 ng
RT: 9.23 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:165 Resp: 91652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 71.2 | 34.3 | 51.5# |
| 89 | 52.7 | 37.1 | 55.7 |



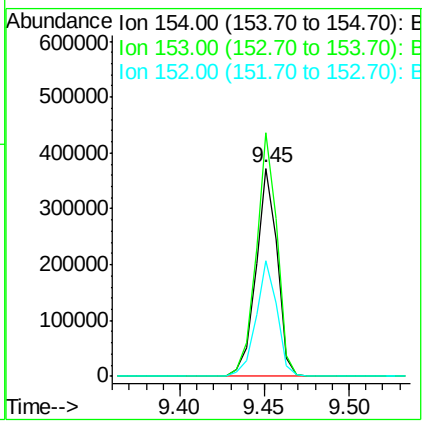


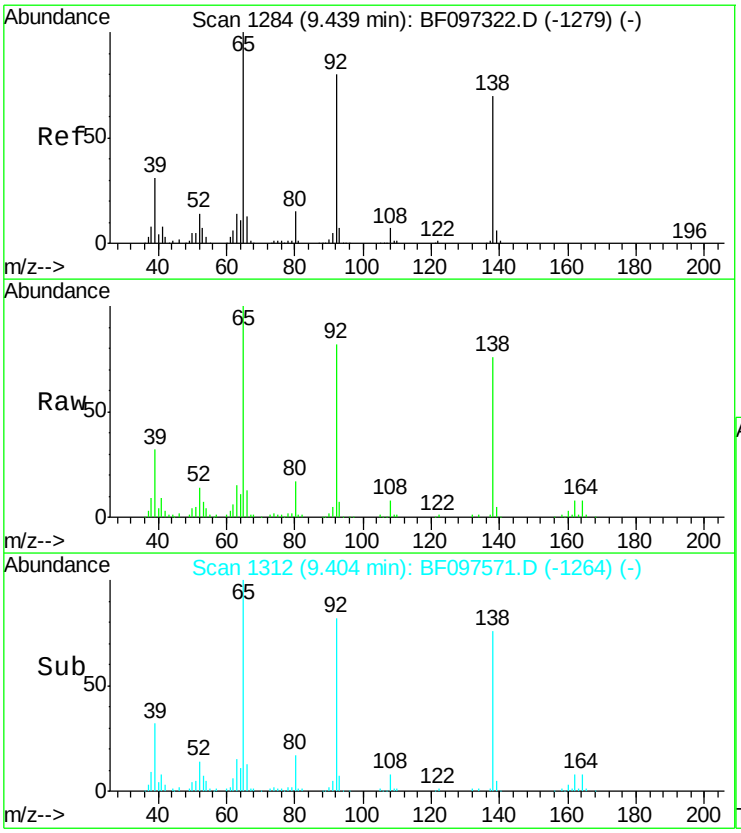

#51
Acenaphthene
Concen: 30.56 ng
RT: 9.45 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:154 Resp: 325246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.9 | 90.5 | 135.7 |
| 152 | 55.3 | 43.6 | 65.4 |

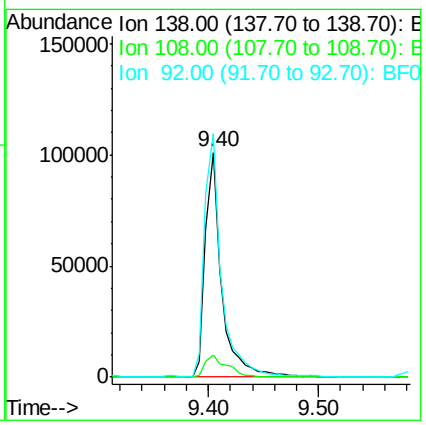


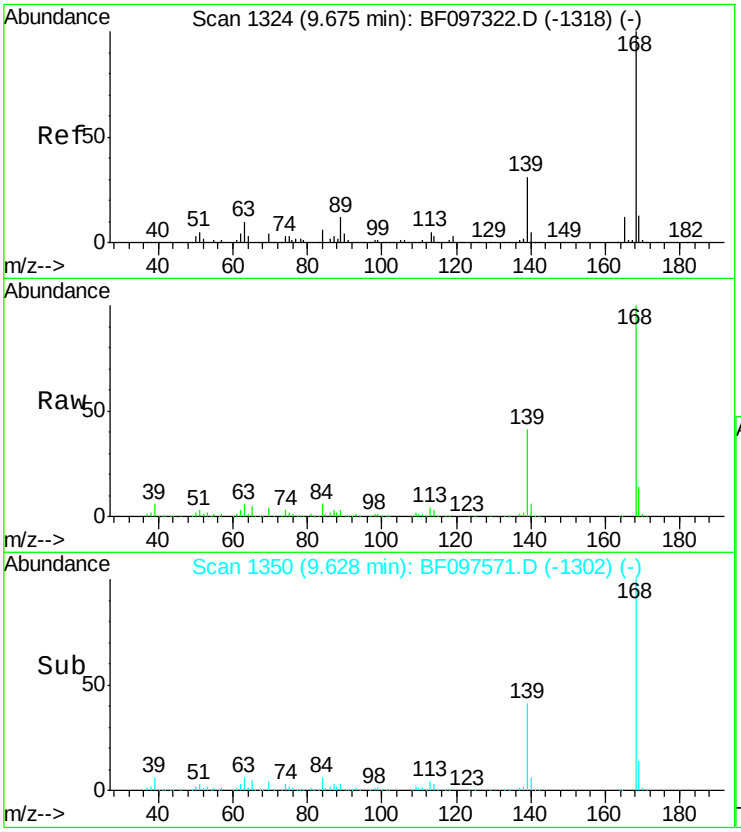




#52
3-Nitroaniline
Concen: 26.97 ng
RT: 9.40 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:138 Resp: 100966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.0 | 9.1 | 13.7 |
| 92 | 108.3 | 93.8 | 140.6 |



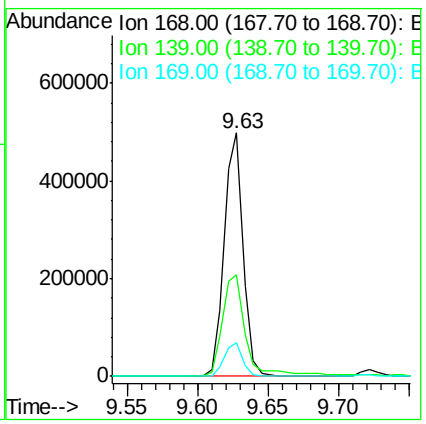


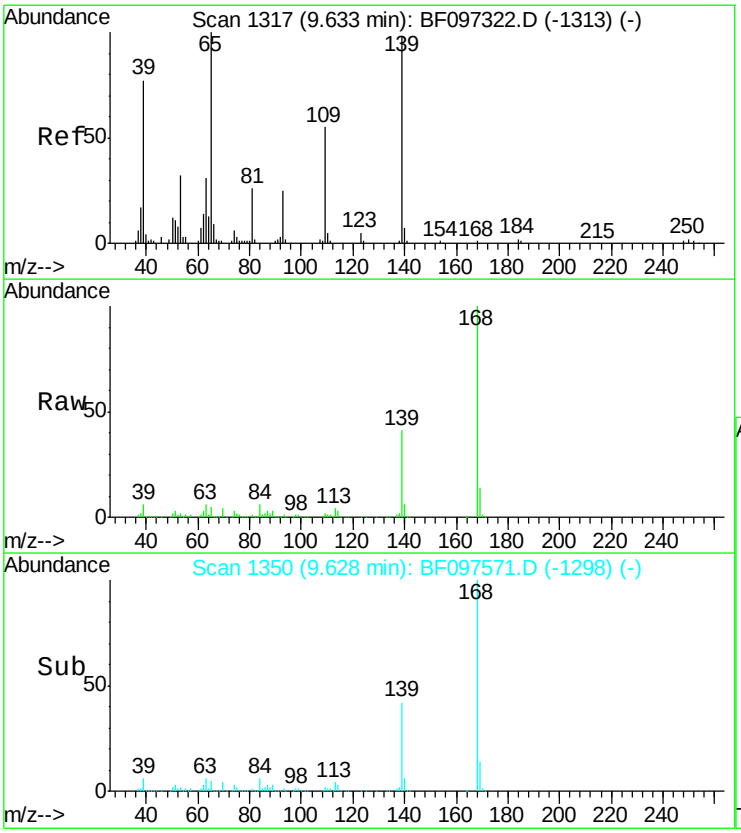

#54
Dibenzofuran
Concen: 32.50 ng
RT: 9.63 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:168 Resp: 460672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 41.5 | 30.6 | 45.8 |
| 169 | 13.7 | 10.8 | 16.2 |

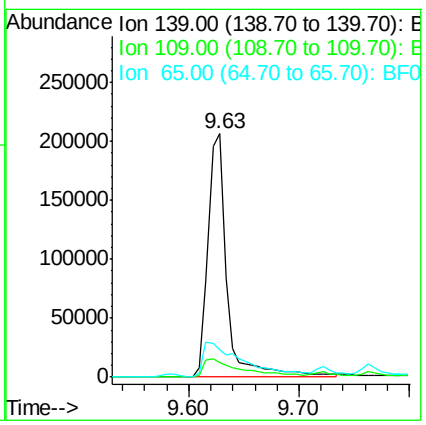


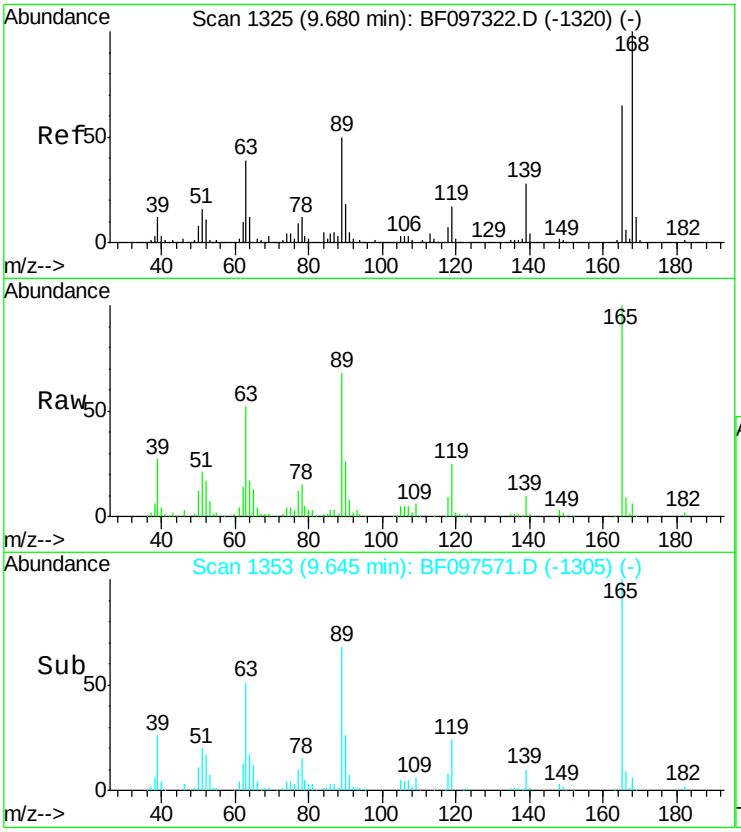




#55
4-Nitrophenol
Concen: 109.72 ng
RT: 9.63 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:139 Resp: 244270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 5.9 | 34.1 | 74.1# |
| 65 | 11.1 | 31.4 | 71.4# |



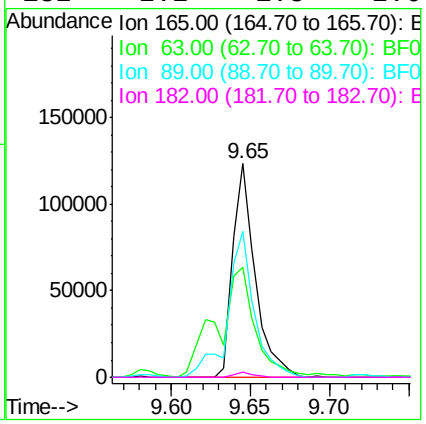


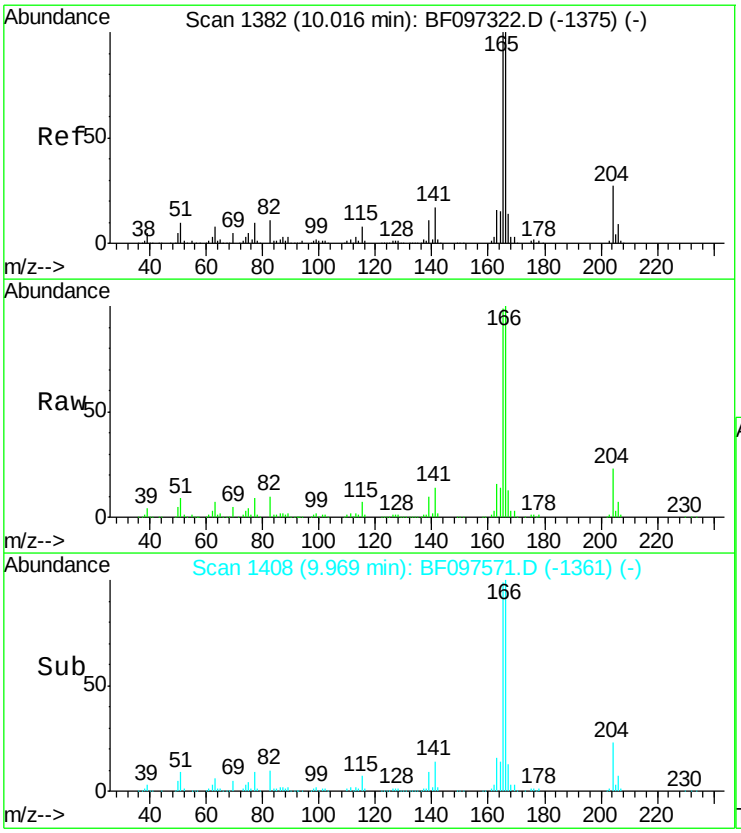

#56
2,4-Dinitrotoluene
Concen: 35.03 ng
RT: 9.65 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:165 Resp: 121457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.8 | 25.4 | 38.0# |
| 89 | 68.2 | 46.4 | 69.6 |
| 182 | 2.2 | 1.8 | 2.6 |

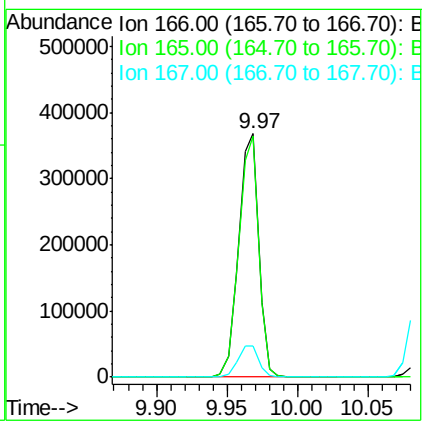


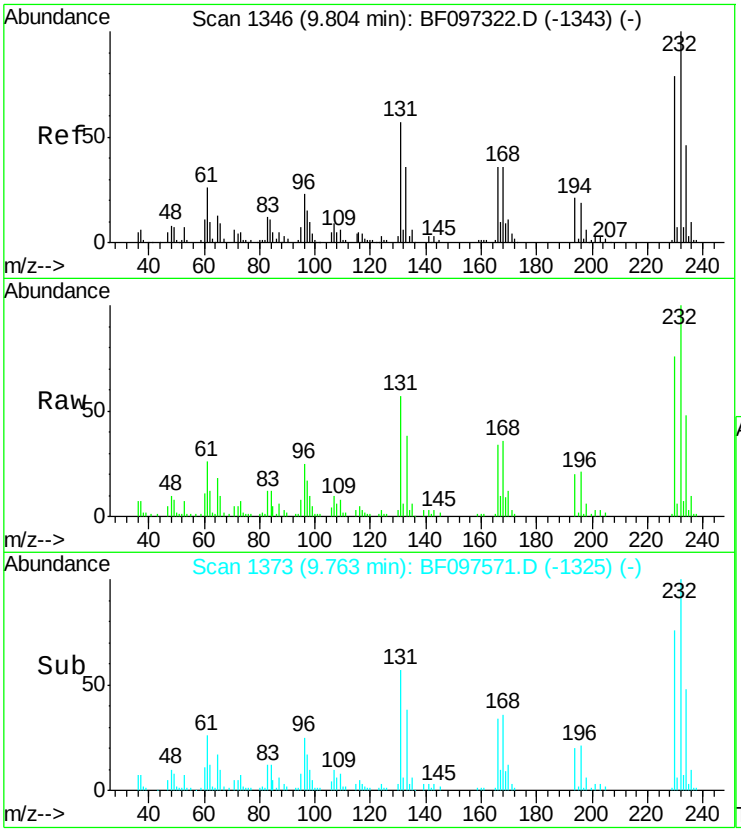




#57
Fluorene
Concen: 34.20 ng
RT: 9.97 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:166 Resp: 364383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.3 | 78.8 | 118.2 |
| 167 | 12.8 | 10.6 | 16.0 |



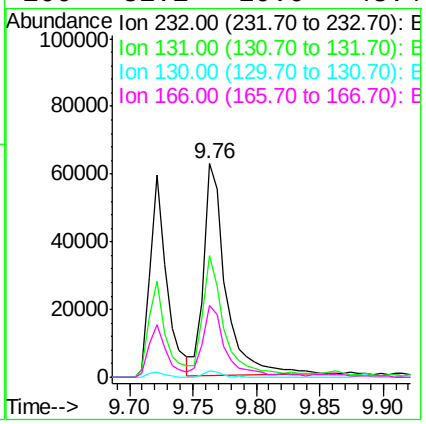


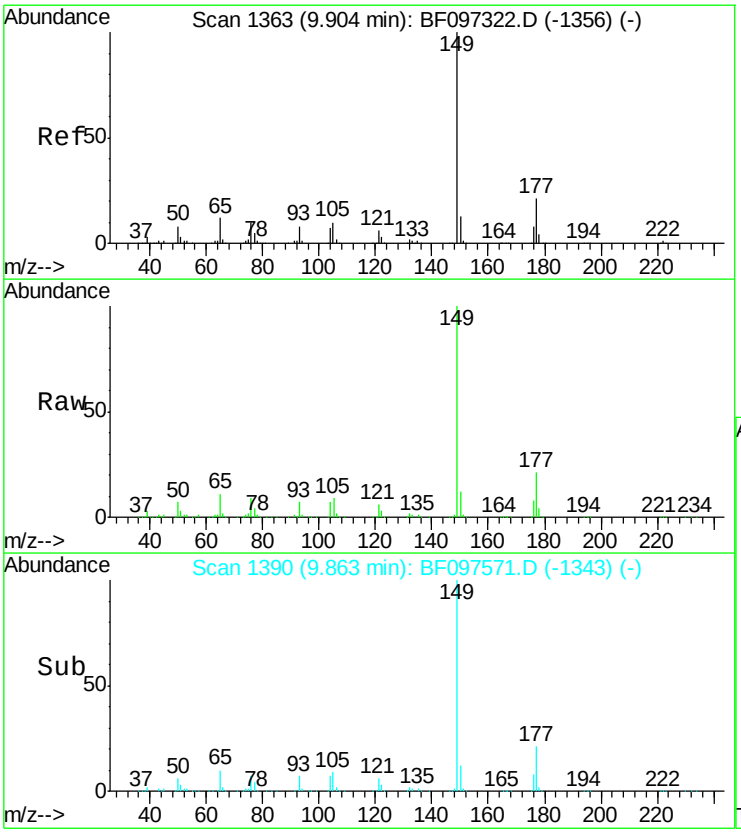

#58
2,3,4,6-Tetrachlorophenol
Concen: 31.15 ng
RT: 9.76 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:232 Resp: 77946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 55.4 | 44.8 | 67.2 |
| 130 | 2.2 | 2.3 | 3.5# |
| 166 | 31.1 | 29.0 | 43.4 |

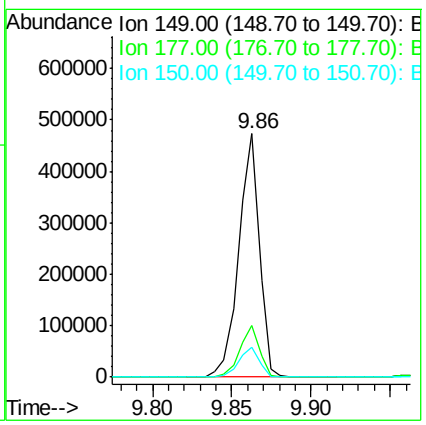


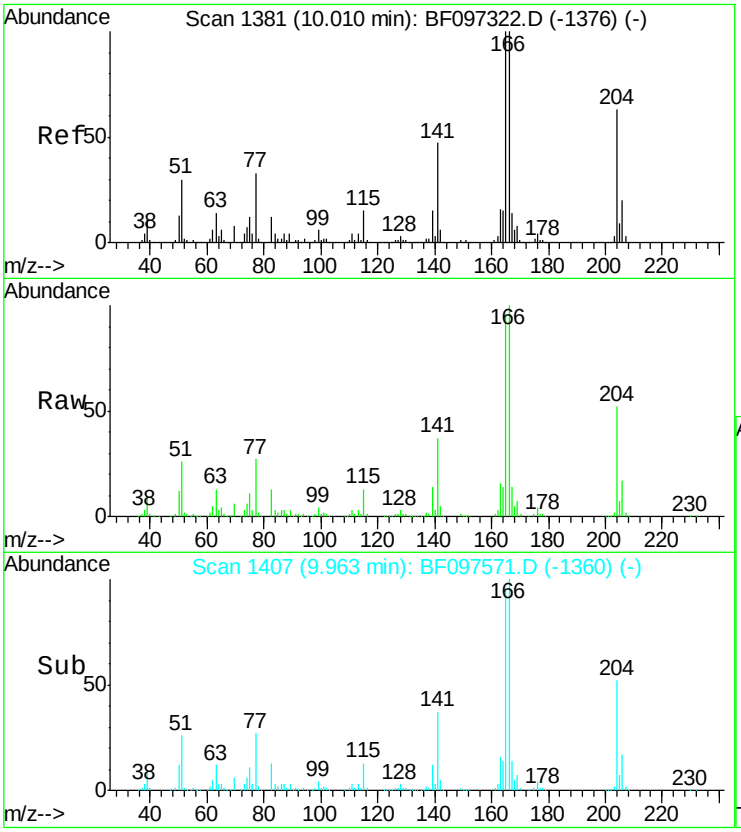




#59
Diethylphthalate
Concen: 32.61 ng
RT: 9.86 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:149 Resp: 425490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.3 | 16.7 | 25.1 |
| 150 | 12.2 | 10.2 | 15.2 |



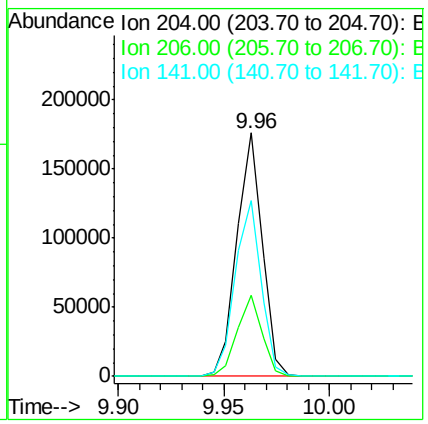


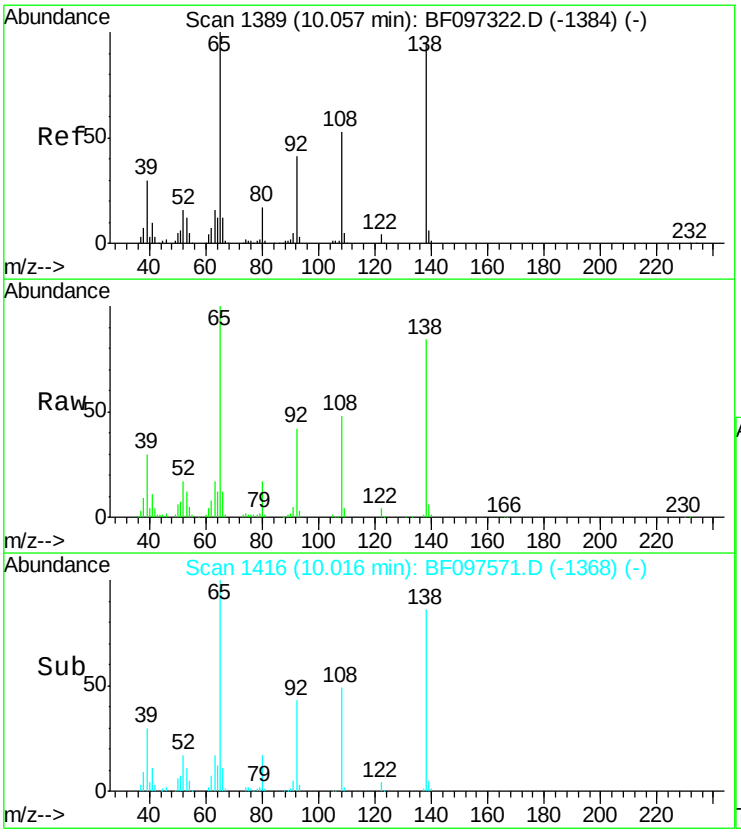

#60
4-Chlorophenyl-phenylether
Concen: 33.39 ng
RT: 9.96 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:204 Resp: 146915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.2 | 26.2 | 39.2 |
| 141 | 72.2 | 60.8 | 91.2 |

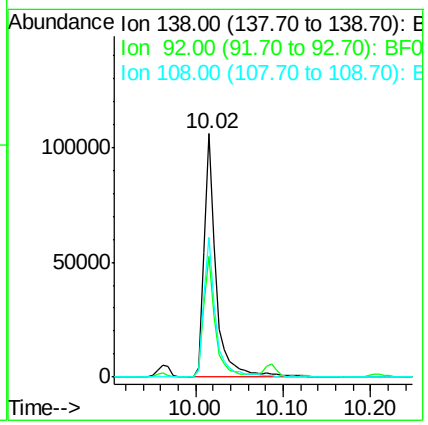


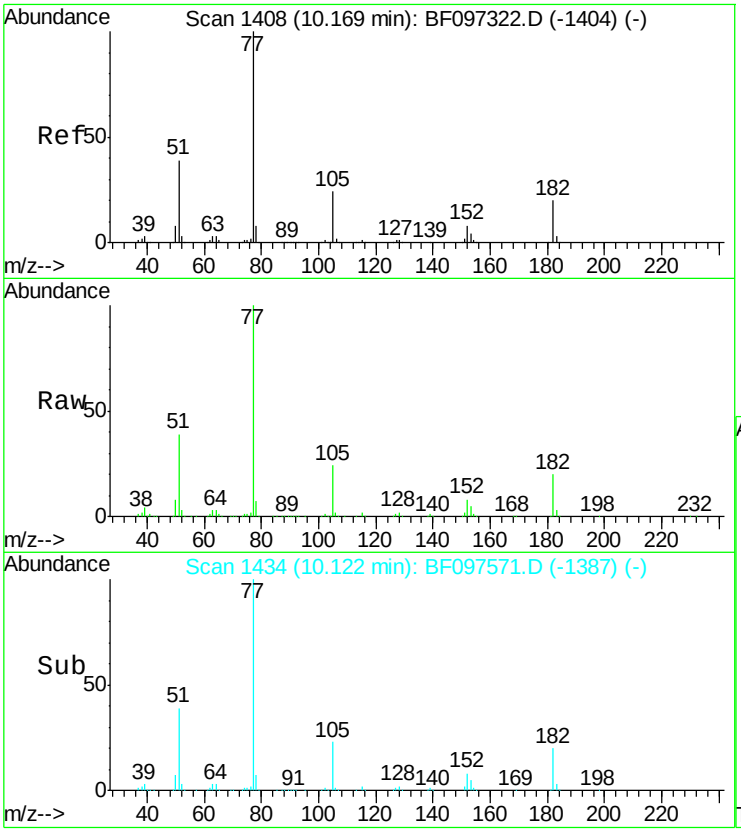




#61
4-Nitroaniline
Concen: 28.56 ng
RT: 10.02 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:138 Resp: 101584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 49.5 | 21.8 | 61.8 |
| 108 | 57.6 | 42.3 | 82.3 |



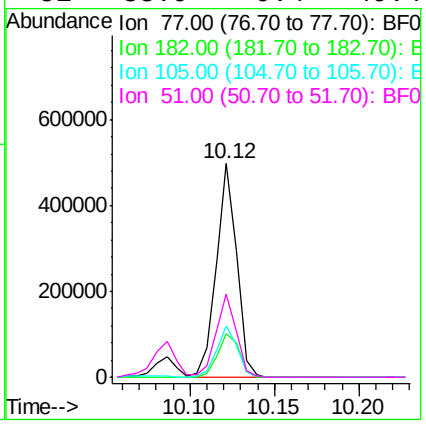


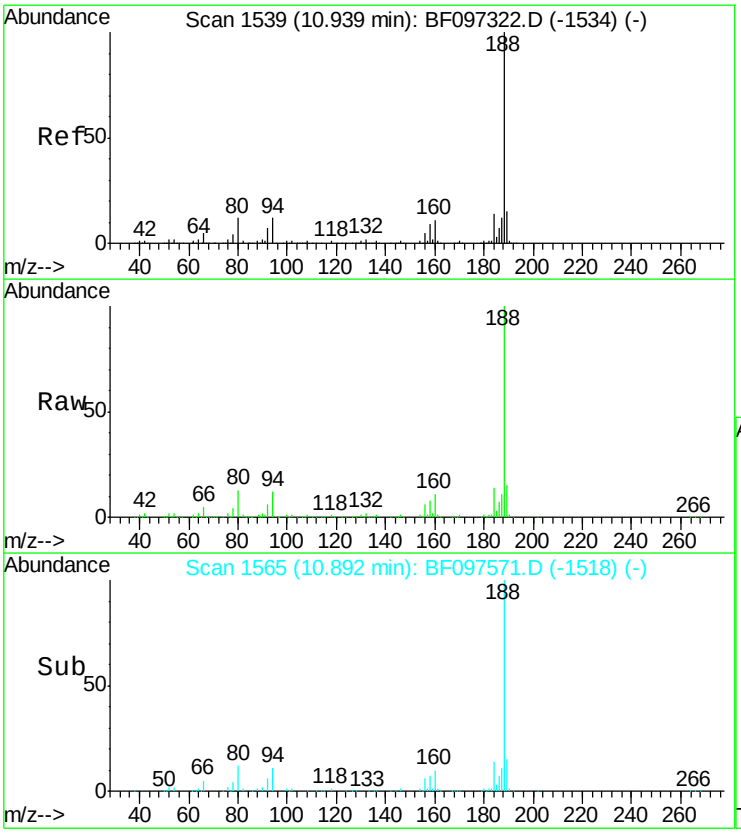

#62
Azobenzene
Concen: 34.98 ng
RT: 10.12 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion: 77 Resp: 423354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 20.3 | 0.1 | 40.1 |
| 105 | 23.7 | 3.6 | 43.6 |
| 51 | 38.9 | 9.4 | 49.4 |

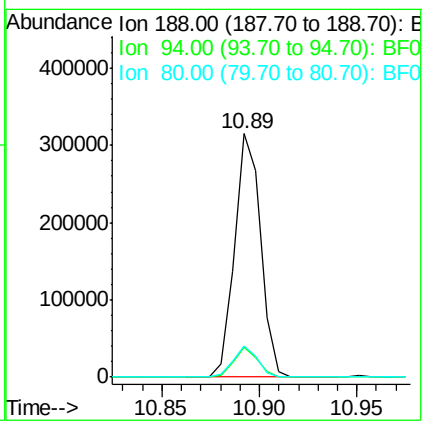


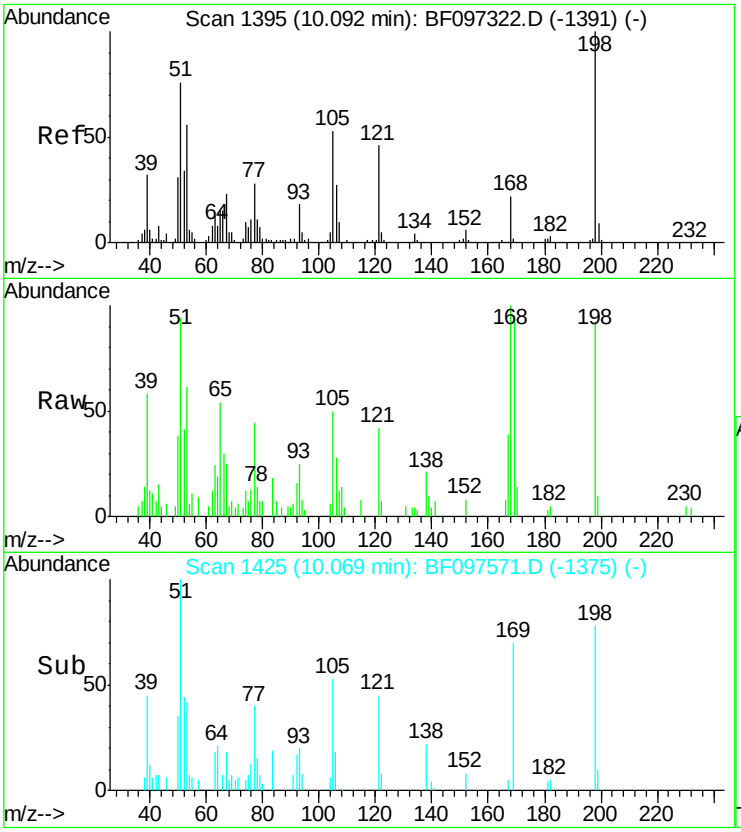




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:188 Resp: 290402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.2 | 9.4 | 14.2 |
| 80 | 12.6 | 10.2 | 15.2 |



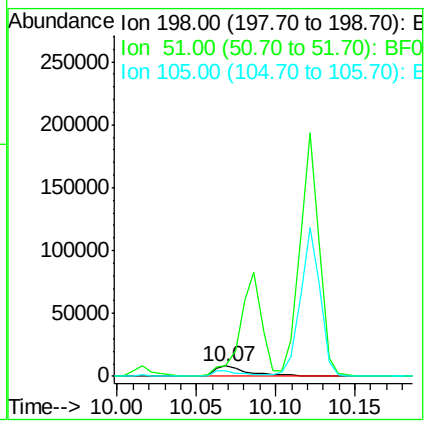


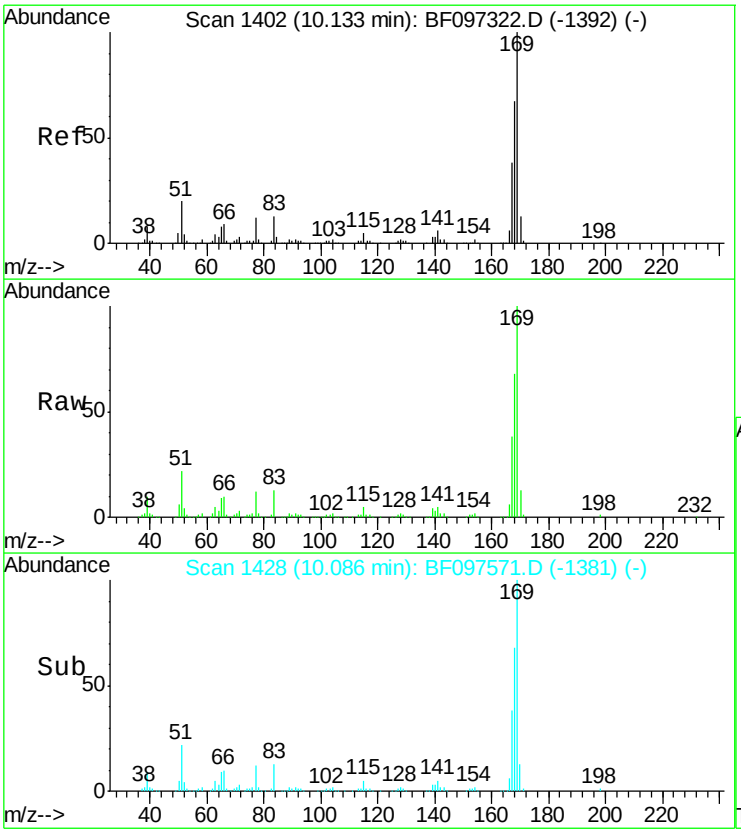

#64
4,6-Dinitro-2-methylphenol
Concen: 6.93 ng
RT: 10.07 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:198 Resp: 12503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 102.1 | 53.2 | 93.2# |
| 105 | 54.6 | 45.8 | 85.8 |

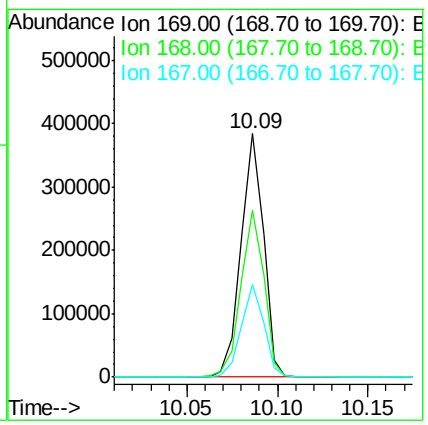


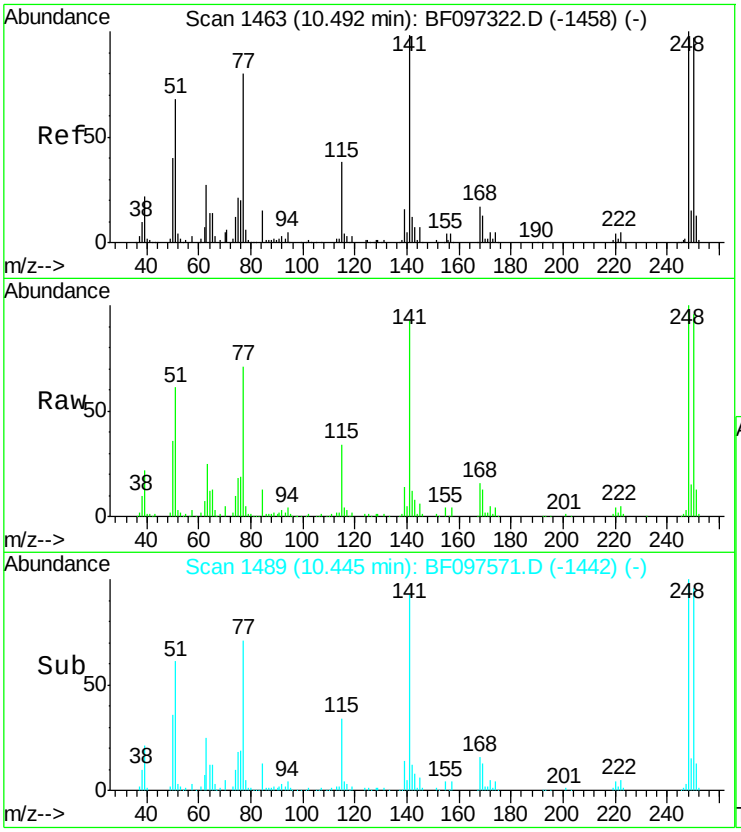




#65
n-Nitrosodiphenylamine
Concen: 33.03 ng
RT: 10.09 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:169 Resp: 333771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.4 | 53.2 | 79.8 |
| 167 | 38.1 | 29.5 | 44.3 |



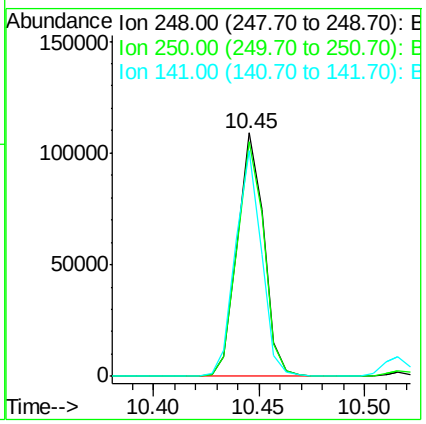


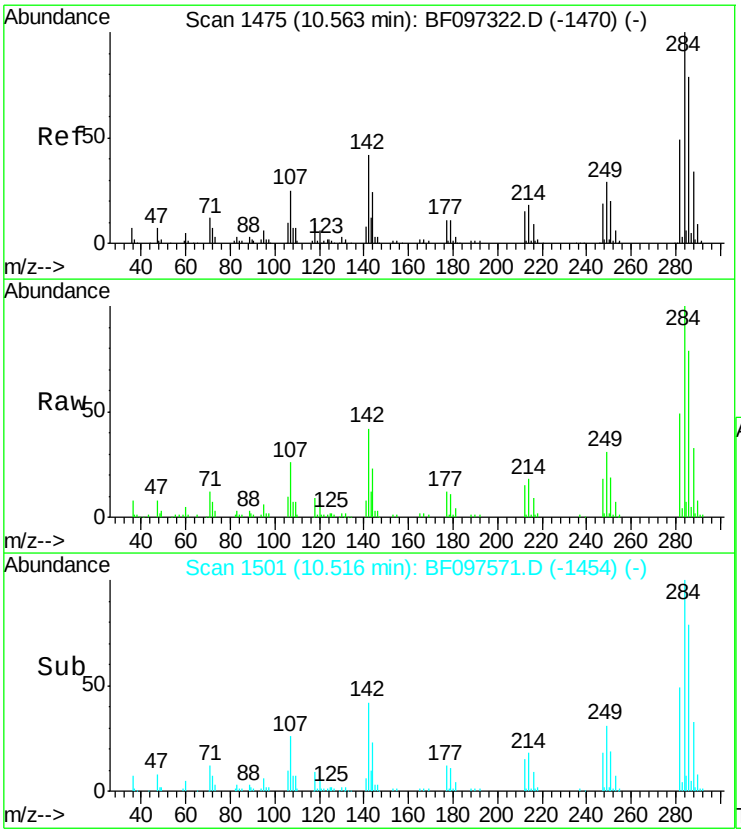

#66
4-Bromophenyl-phenylether
Concen: 32.62 ng
RT: 10.45 min Scan# 1489
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:248 Resp: 94529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.2 | 76.8 | 115.2 |
| 141 | 92.7 | 68.6 | 103.0 |

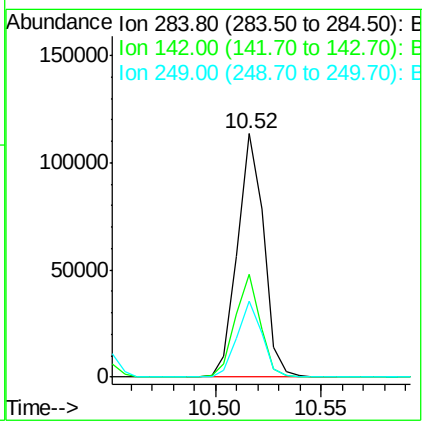


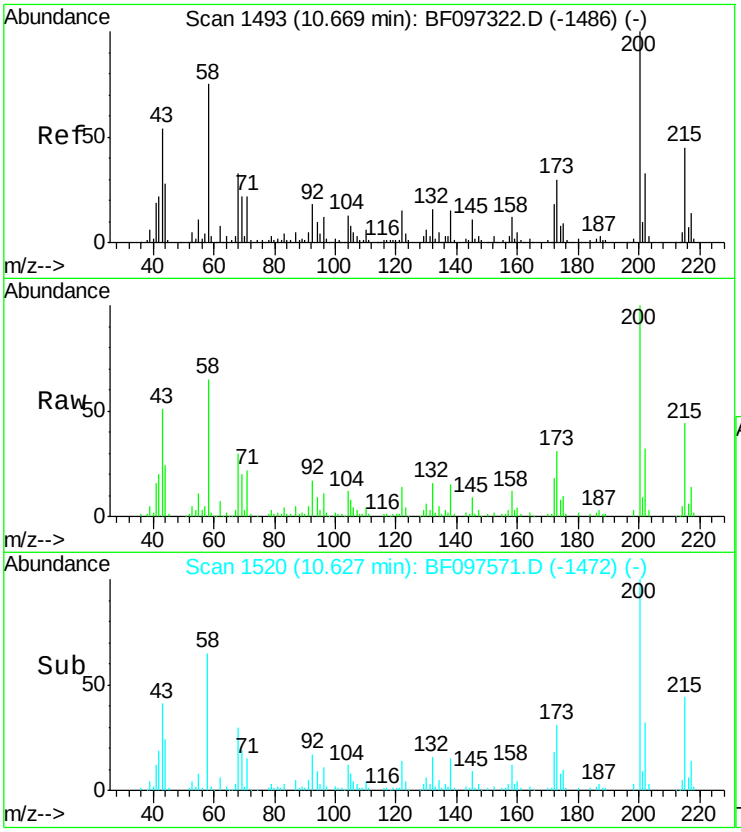




#67
Hexachlorobenzene
Concen: 30.07 ng
RT: 10.52 min Scan# 1501
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:284 Resp: 97741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 42.2 | 22.8 | 34.2# |
| 249 | 31.1 | 24.0 | 36.0 |



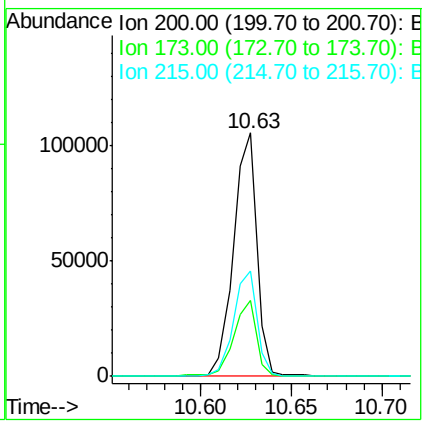


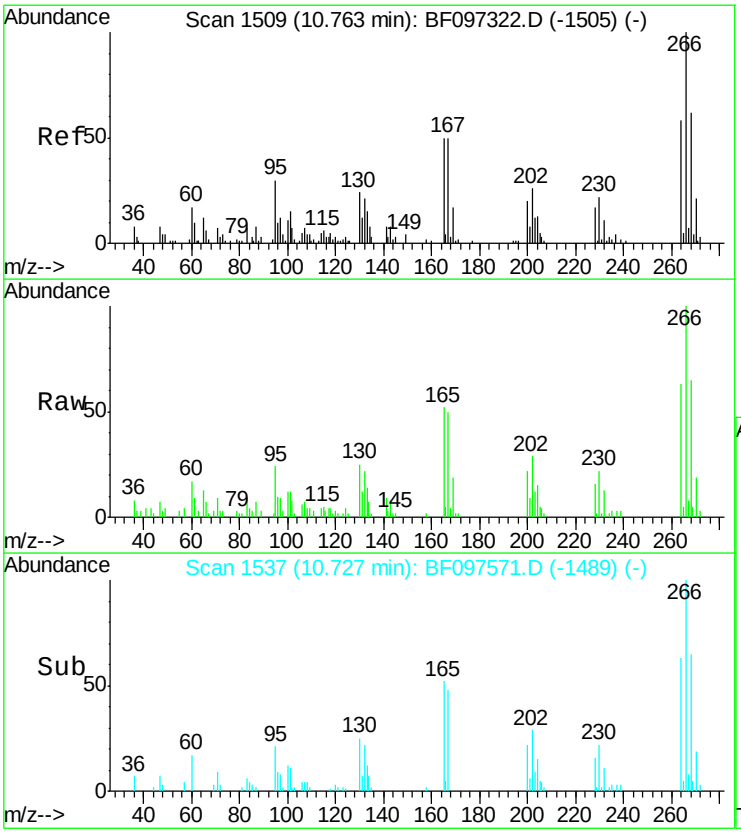

#68
Atrazine
Concen: 32.78 ng
RT: 10.63 min Scan# 1520
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:200 Resp: 94979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 31.0 | 6.3 | 46.3 |
| 215 | 43.5 | 27.2 | 67.2 |

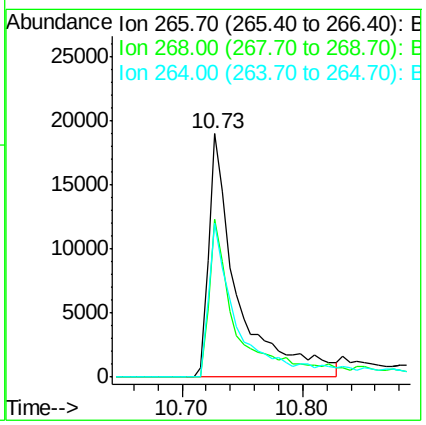


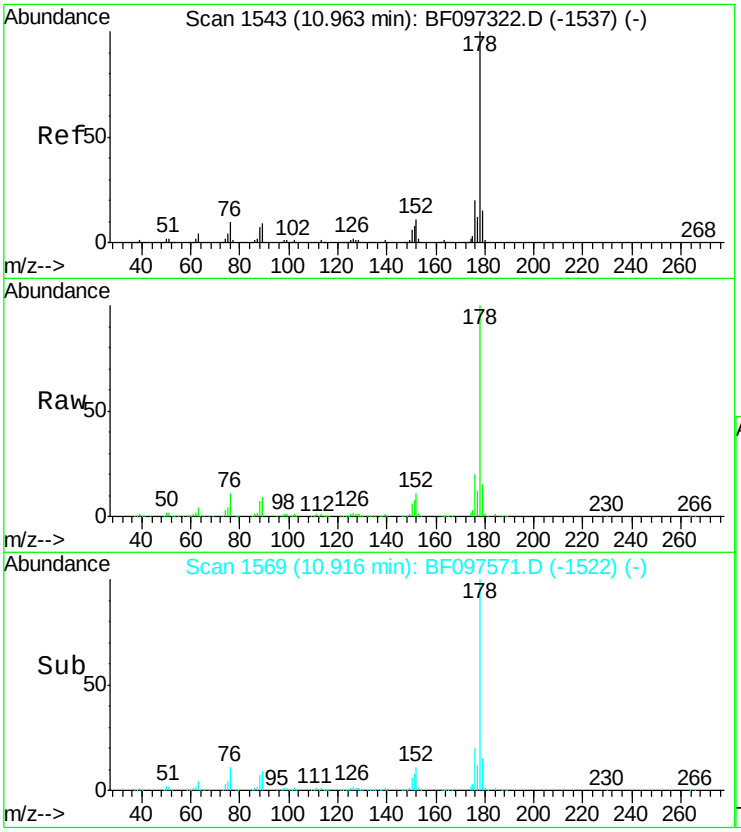




#69
Pentachlorophenol
Concen: 23.30 ng
RT: 10.73 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:266 Resp: 31334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.6 | 51.1 | 76.7 |
| 264 | 63.1 | 51.7 | 77.5 |



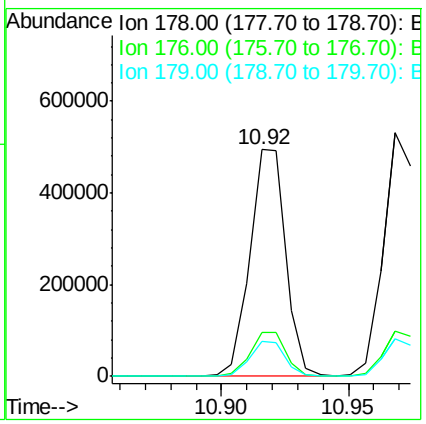


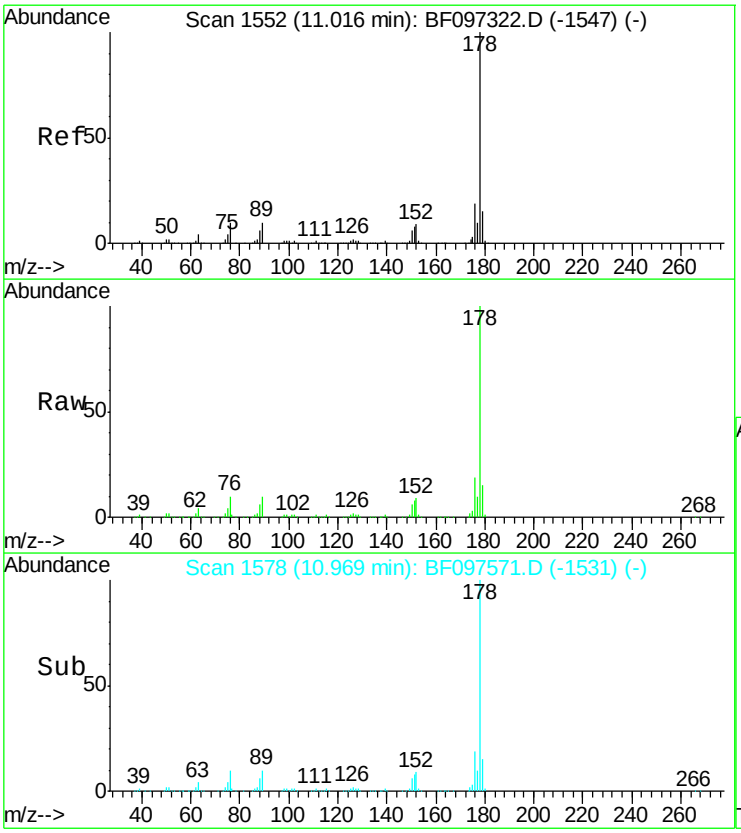

#70
Phenanthrene
Concen: 31.49 ng
RT: 10.92 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:178 Resp: 489967

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 16.2 | 24.4 |
| 179 | 15.2 | 12.6 | 19.0 |

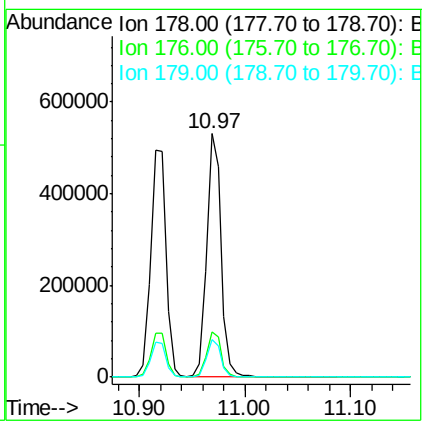


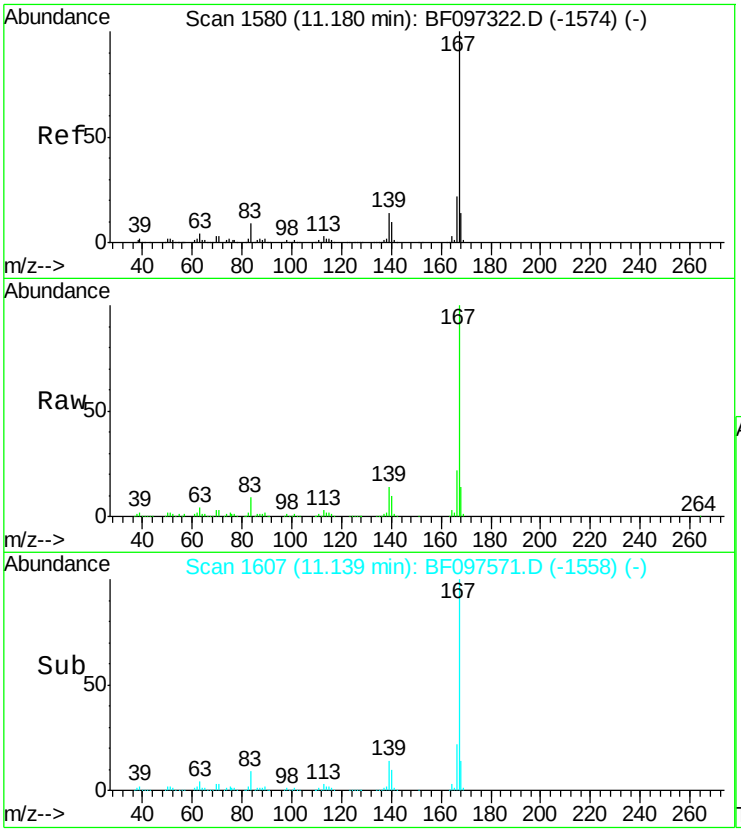




#71
Anthracene
Concen: 31.90 ng
RT: 10.97 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:178 Resp: 508305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.8 | 23.8 |
| 179 | 15.2 | 12.7 | 19.1 |



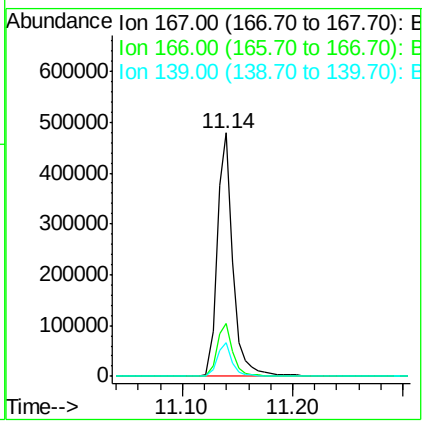


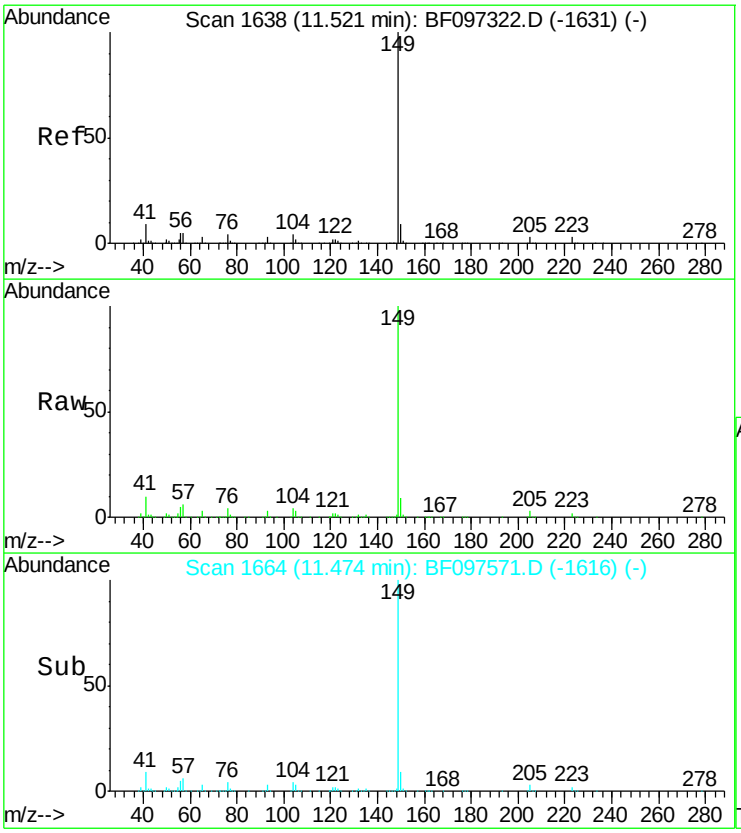

#72
Carbazole
Concen: 29.99 ng
RT: 11.14 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:167 Resp: 470097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.8 | 18.1 | 27.1 |
| 139 | 13.7 | 11.7 | 17.5 |

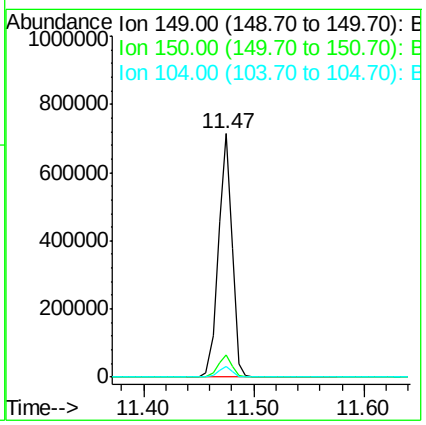


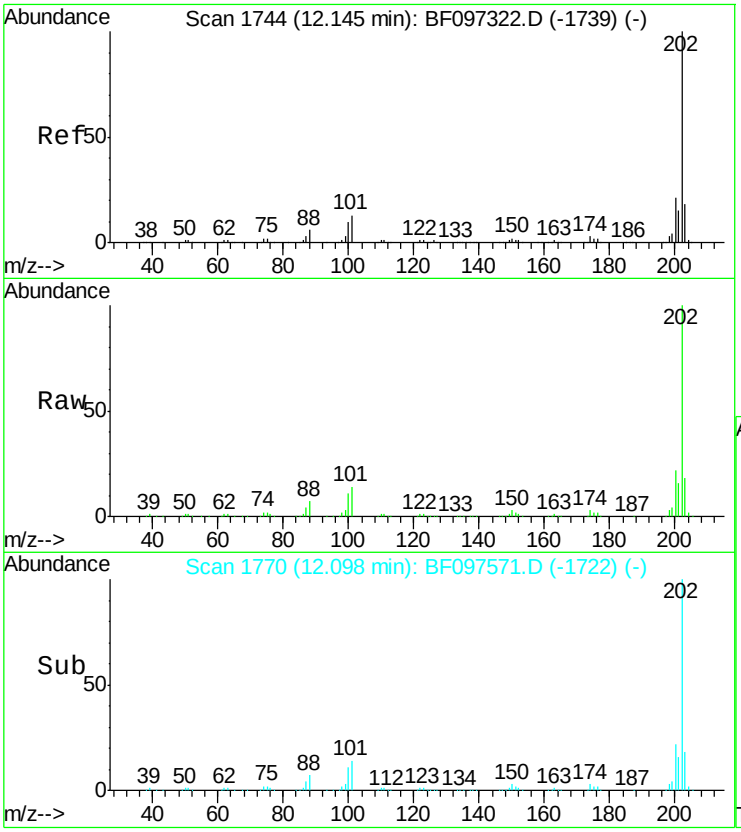




#73
Di-n-butylphthalate
Concen: 31.57 ng
RT: 11.47 min Scan# 1664
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:149 Resp: 611617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.0 | 7.7 | 11.5 |
| 104 | 4.3 | 4.0 | 6.0 |



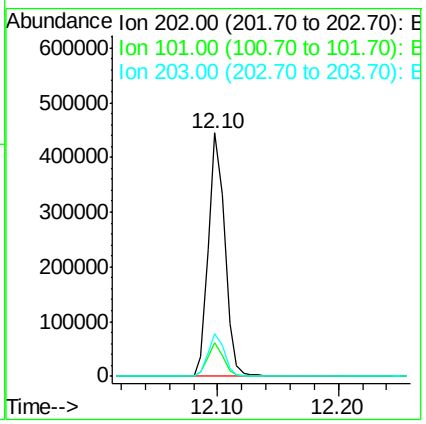


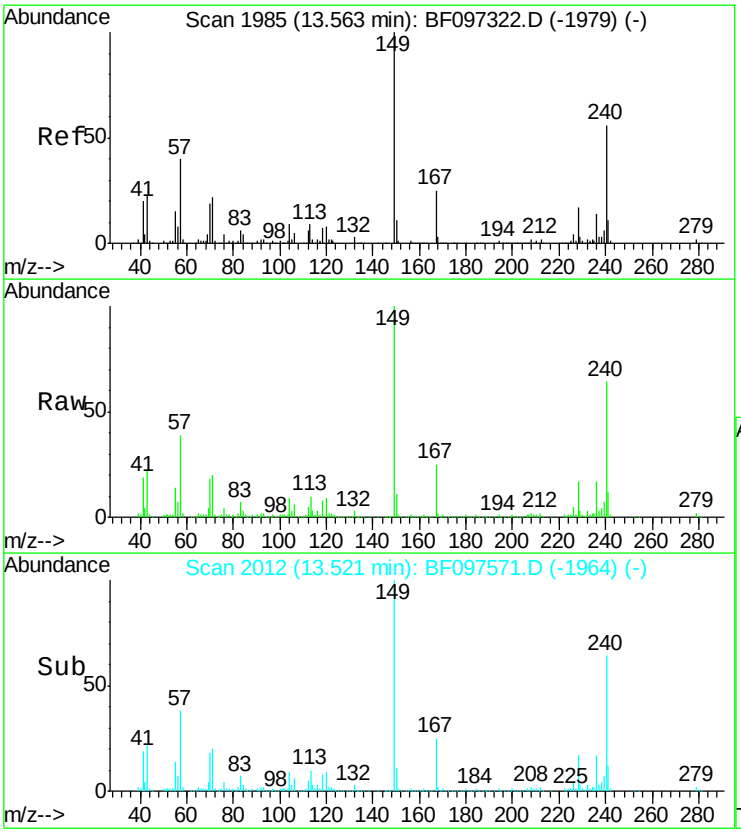

#74
Fluoranthene
Concen: 27.34 ng
RT: 12.10 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:202 Resp: 416801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 14.1 | 0.0 | 33.2 |
| 203 | 17.8 | 0.0 | 38.1 |

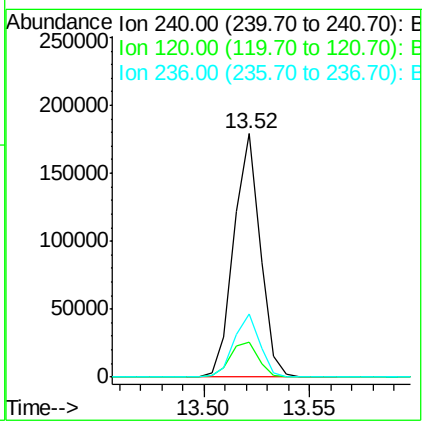


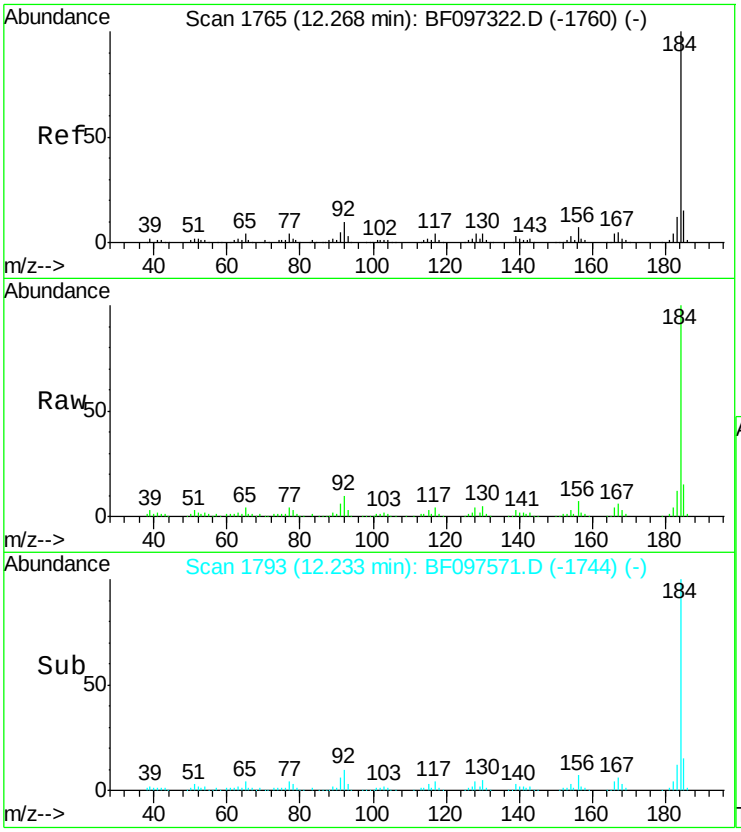




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.52 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:240 Resp: 154638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.5 | 5.8 | 8.8# |
| 236 | 26.1 | 20.5 | 30.7 |



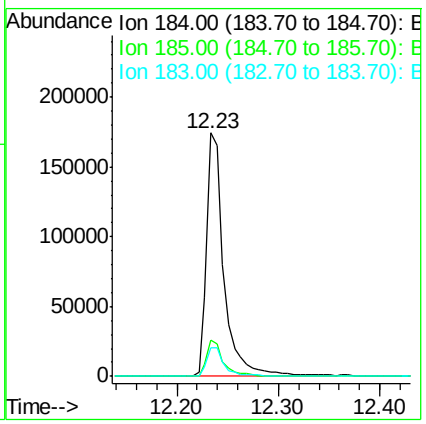


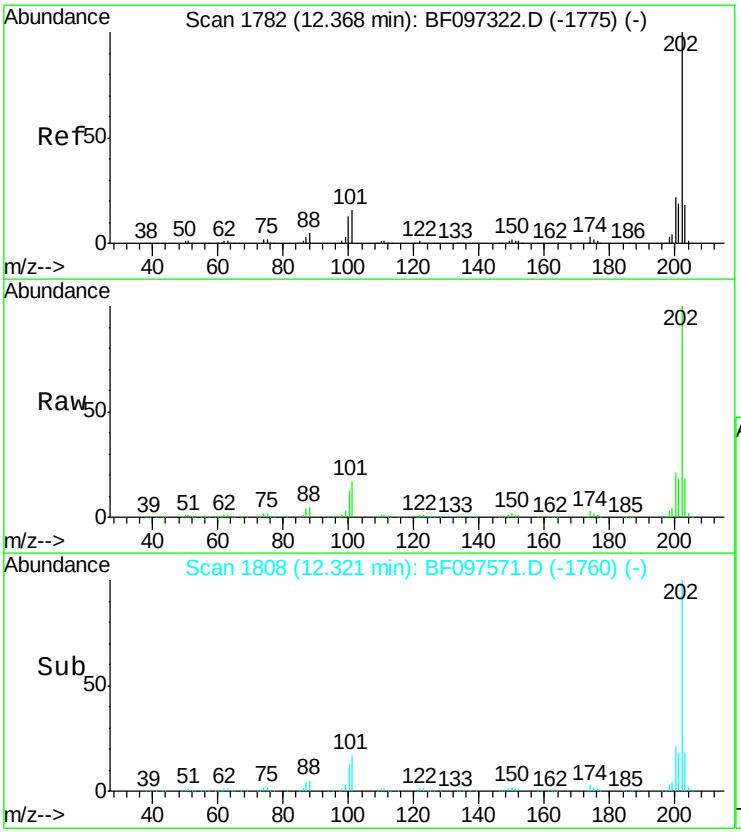

#76
Benzidine
Concen: 36.45 ng
RT: 12.23 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:184 Resp: 209159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.2 | 15.5 | 23.3# |
| 183 | 11.7 | 9.8 | 14.6 |

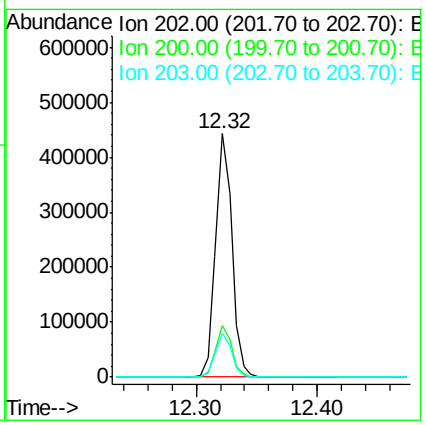


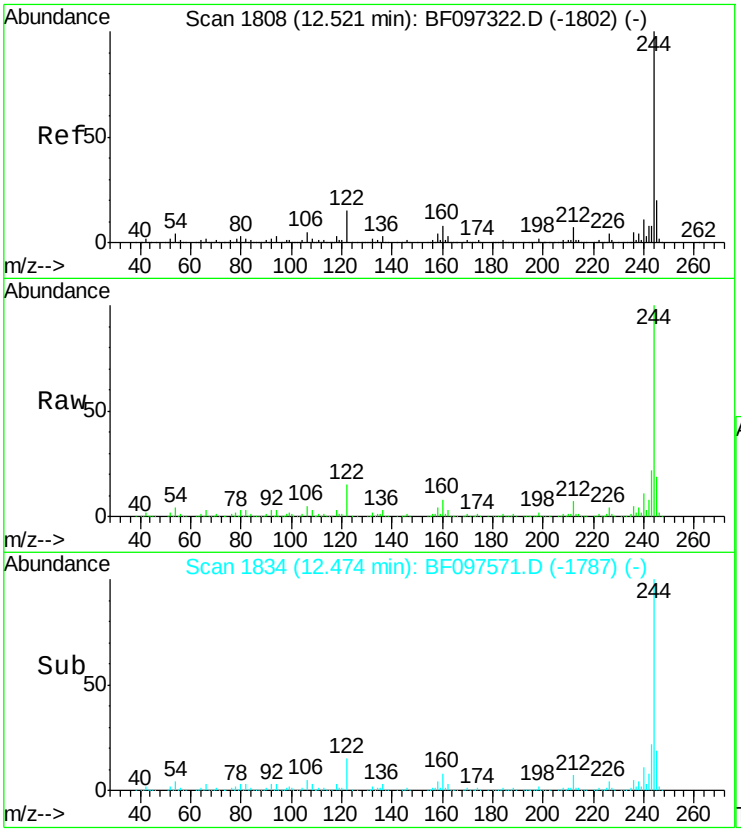




#77
Pyrene
Concen: 32.32 ng
RT: 12.32 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:202 Resp: 409099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.4 | 17.6 | 26.4 |
| 203 | 18.1 | 14.4 | 21.6 |



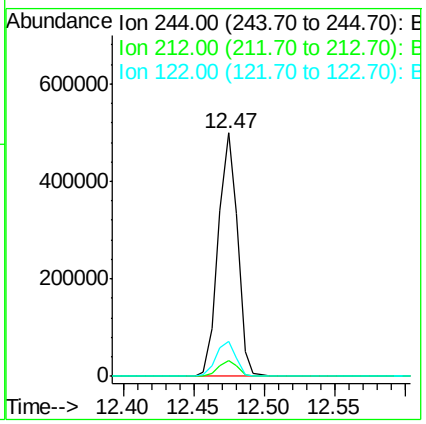


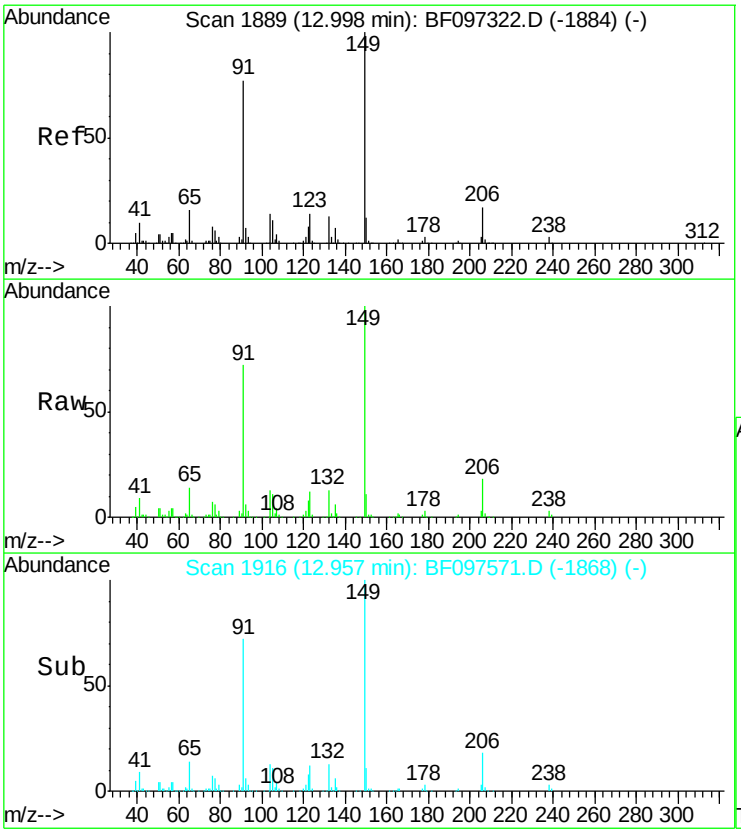

#78
Terphenyl-d14
Concen: 62.47 ng
RT: 12.47 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:244 Resp: 473834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 6.0 | 9.0 |
| 122 | 14.6 | 10.3 | 15.5 |

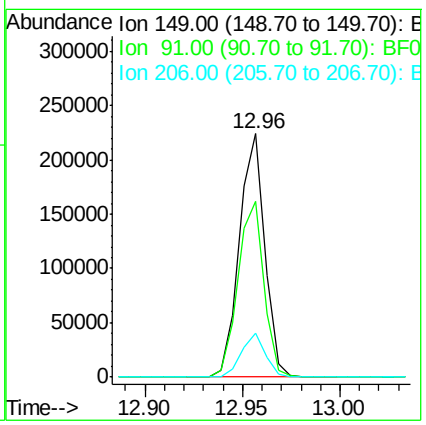


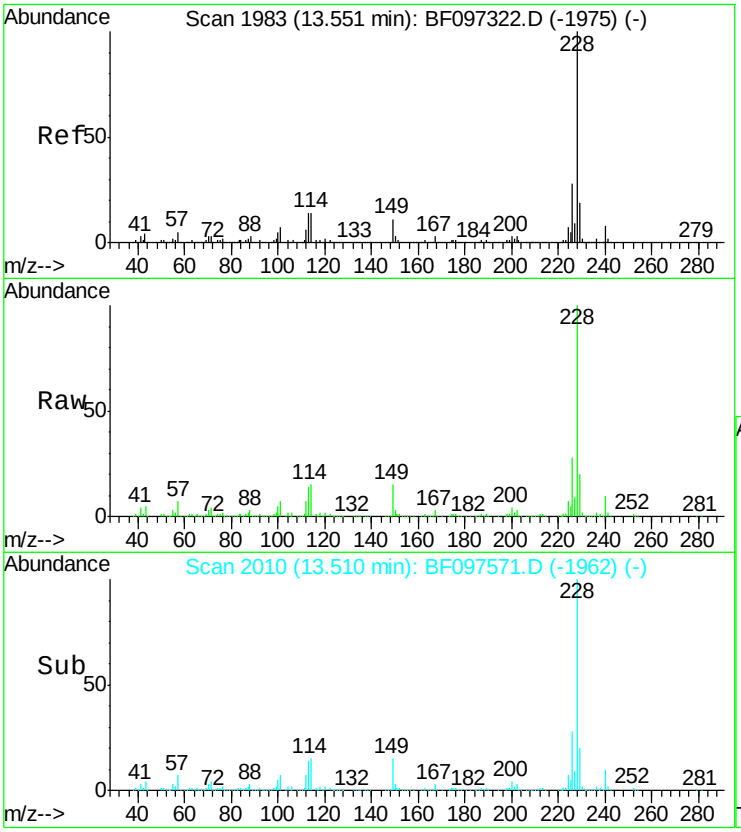




#79
Butylbenzylphthalate
Concen: 31.37 ng
RT: 12.96 min Scan# 1916
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:149 Resp: 202029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.4 | 45.0 | 67.4# |
| 206 | 18.2 | 17.0 | 25.6 |



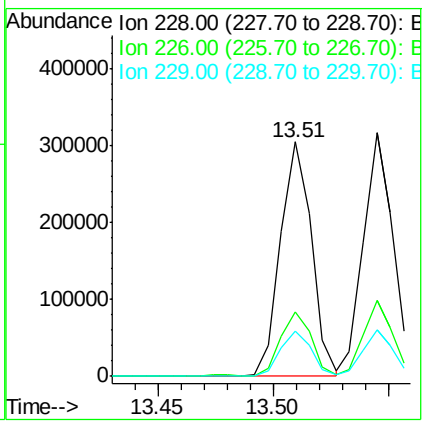


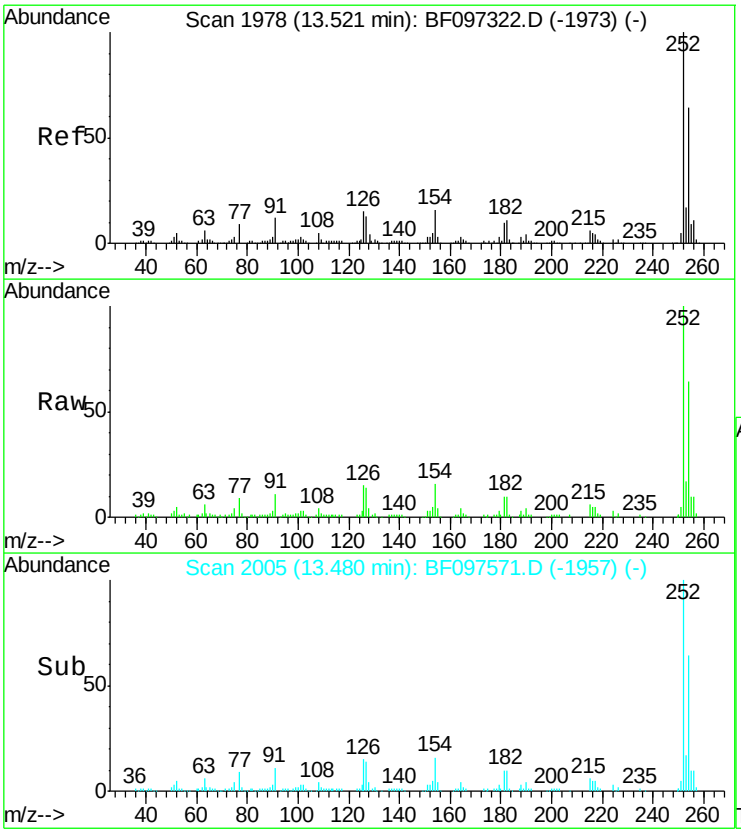

#80
Benzo(a)anthracene
Concen: 28.40 ng
RT: 13.51 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:228 Resp: 284187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.7 | 22.6 | 33.8 |
| 229 | 19.5 | 16.3 | 24.5 |

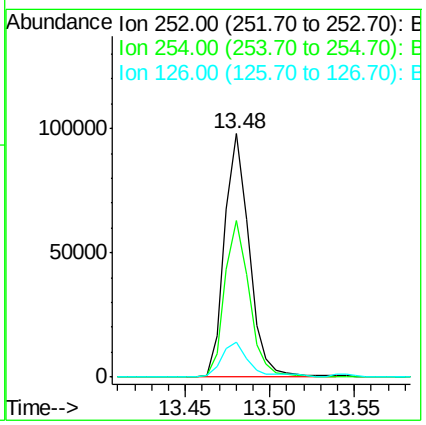


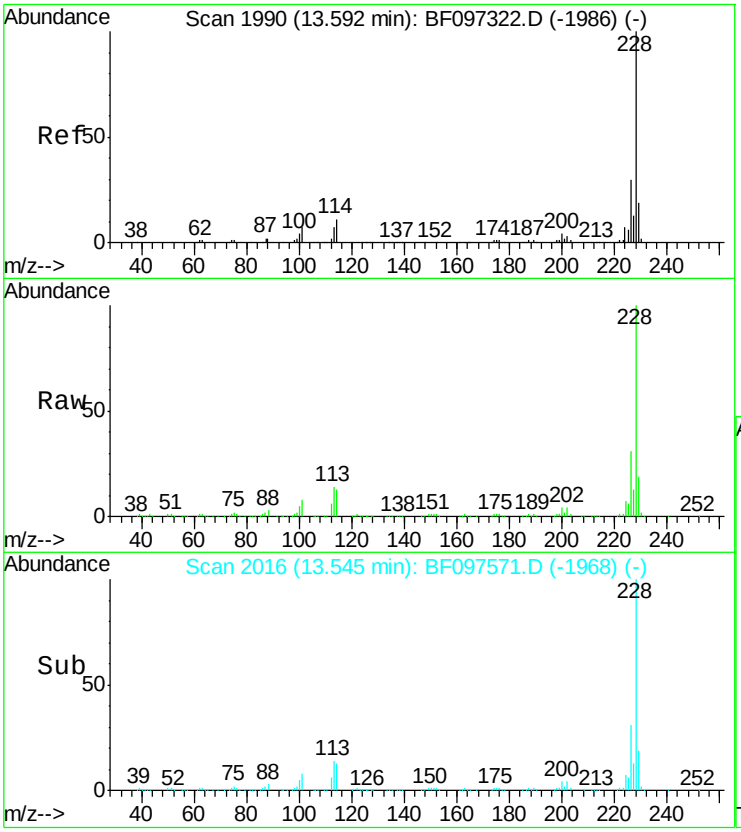




#81
3,3'-Dichlorobenzidine
Concen: 26.45 ng
RT: 13.48 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:252 Resp: 99792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.1 | 51.5 | 77.3 |
| 126 | 14.5 | 15.8 | 23.8# |



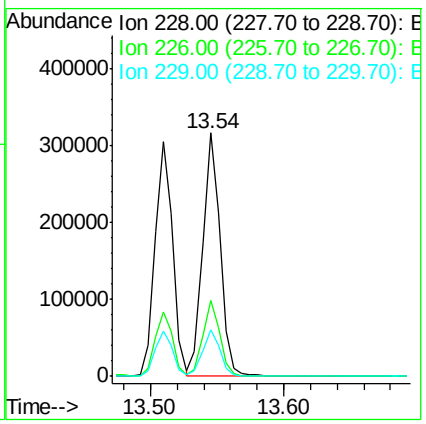


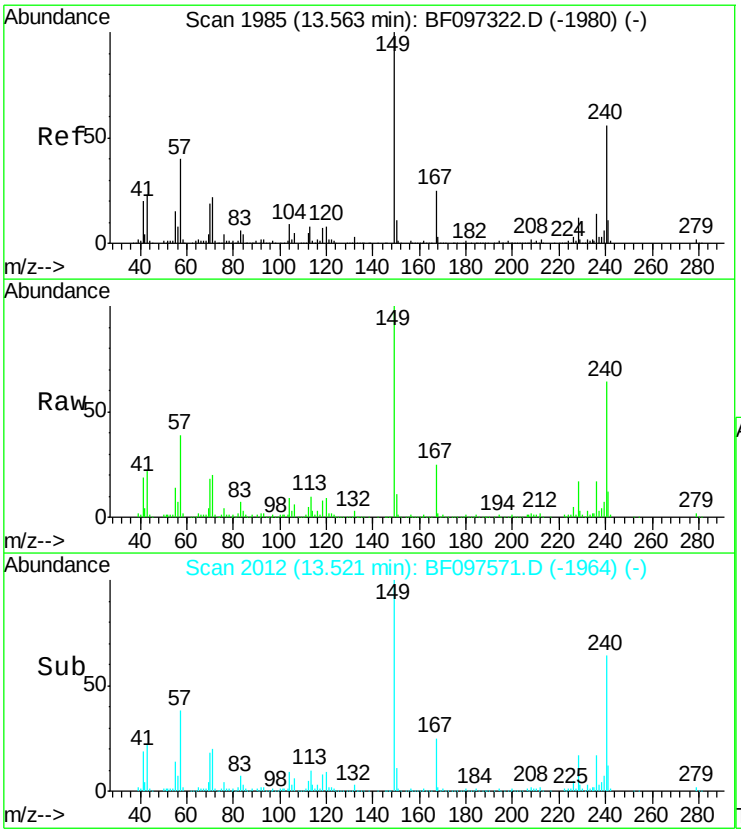

#82
Chrysene
Concen: 29.67 ng
RT: 13.54 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:228 Resp: 289916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.3 | 24.9 | 37.3 |
| 229 | 19.3 | 15.8 | 23.6 |

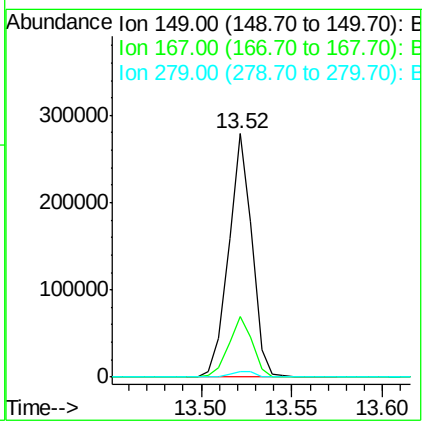


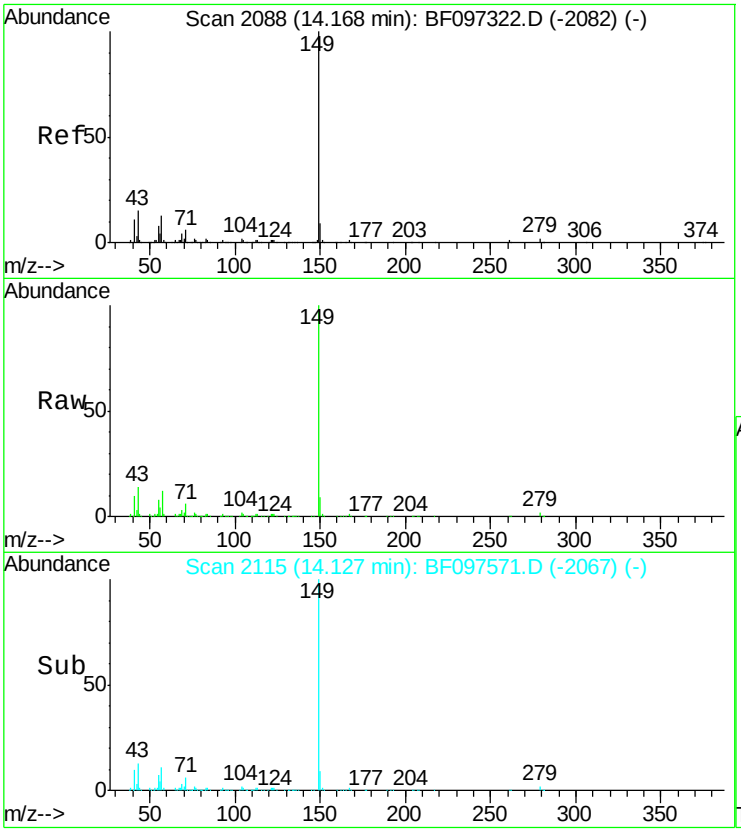




#83
Bis(2-ethylhexyl)phthalate
Concen: 29.65 ng
RT: 13.52 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:149 Resp: 249287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.0 | 21.0 | 31.4 |
| 279 | 2.3 | 1.9 | 2.9 |



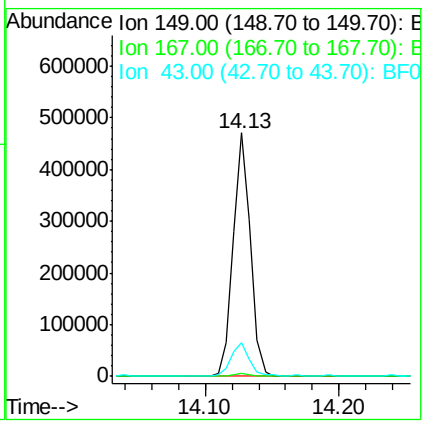


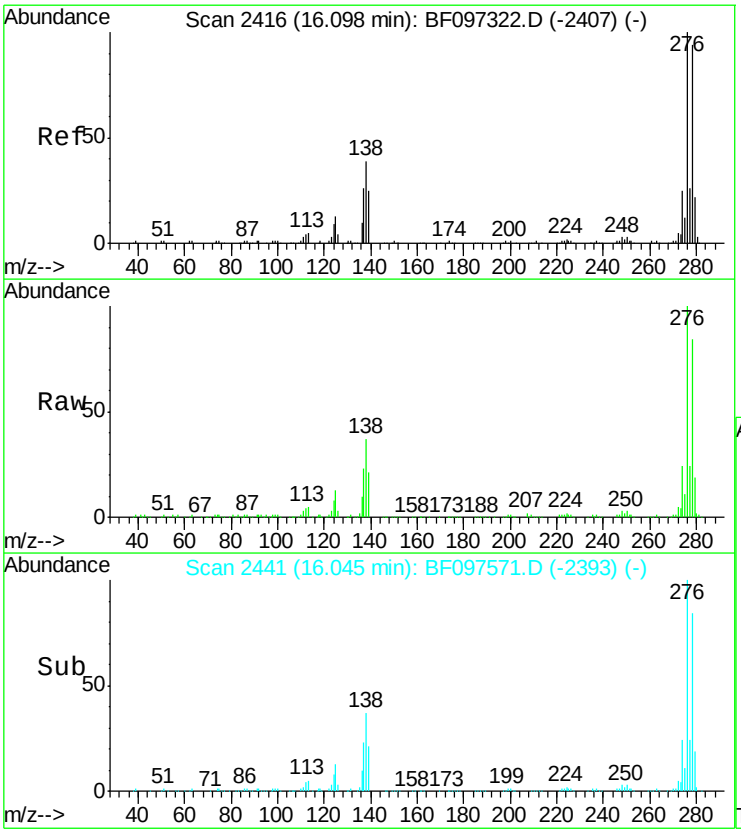

#84
Di-n-octyl phthalate
Concen: 27.83 ng
RT: 14.13 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:149 Resp: 429366

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.5 | 1.2 | 1.8 |
| 43 | 13.5 | 8.5 | 12.7# |

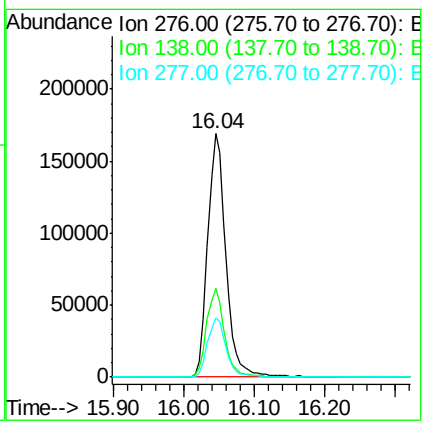


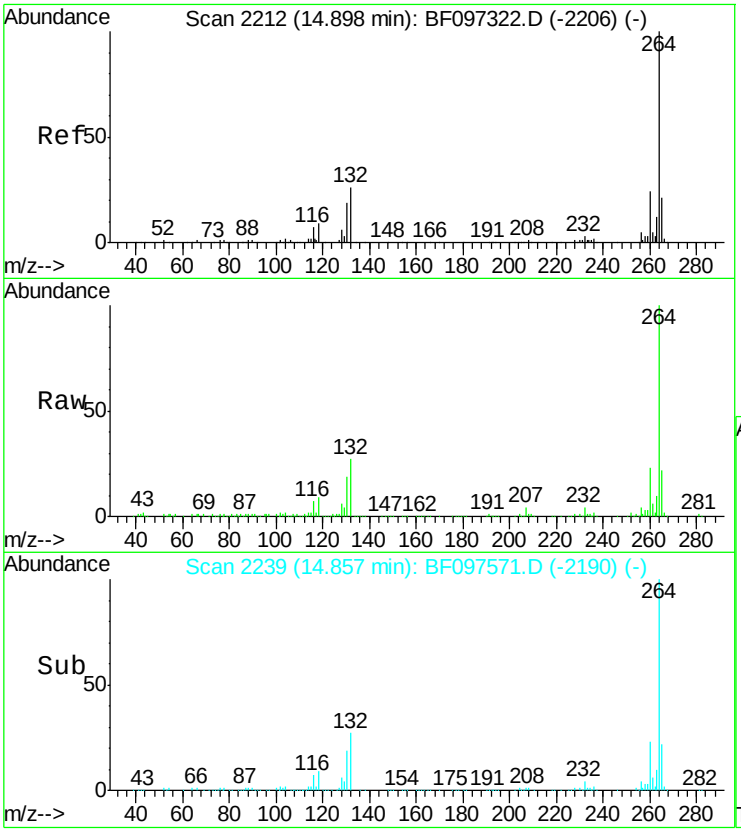




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.22 ng
RT: 16.04 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:276 Resp: 303478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 35.9 | 27.8 | 41.6 |
| 277 | 24.5 | 20.2 | 30.4 |



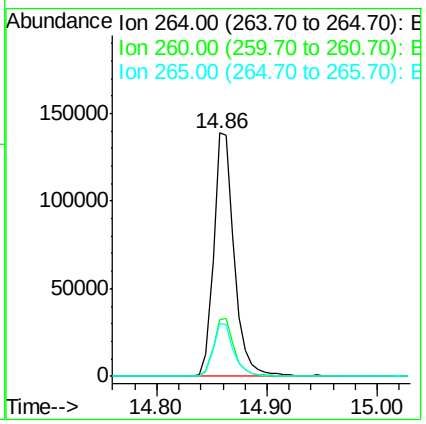


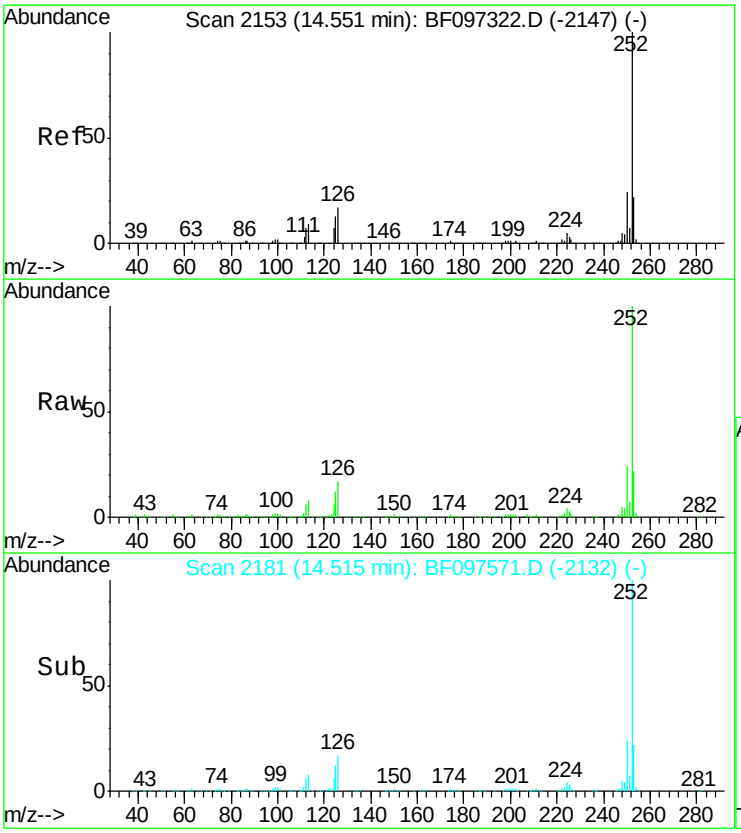

#86
Perylene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:264 Resp: 178490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.5 | 29.3 |
| 265 | 21.6 | 17.2 | 25.8 |

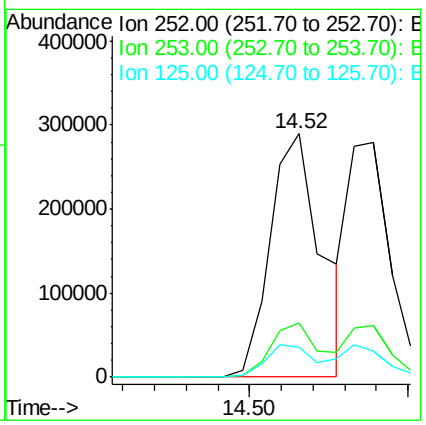


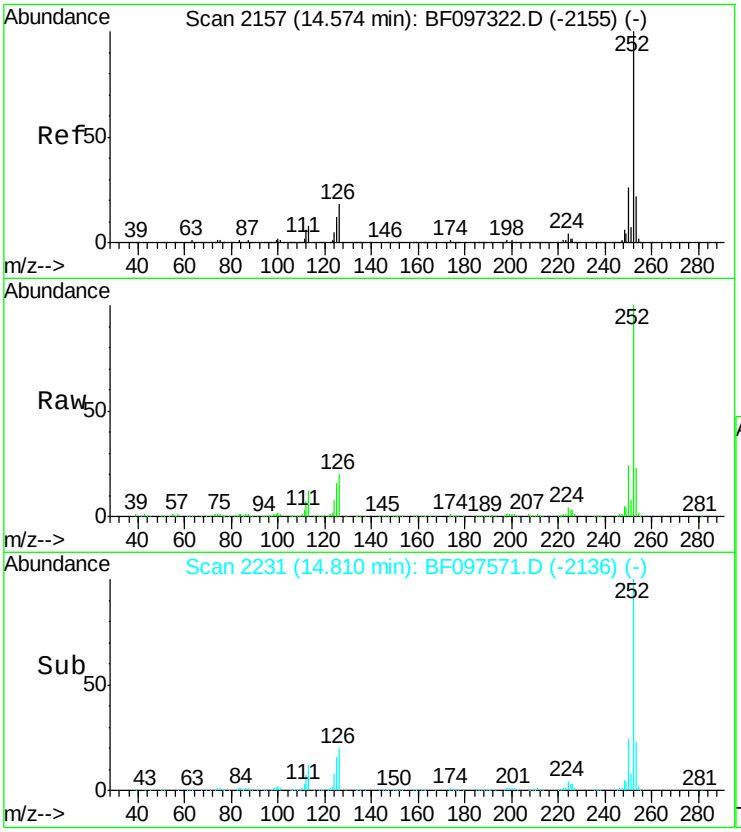




#87
Benzo(b)fluoranthene
Concen: 30.38 ng
RT: 14.52 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:252 Resp: 325977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 18.1 | 27.1 |
| 125 | 12.0 | 9.8 | 14.8 |



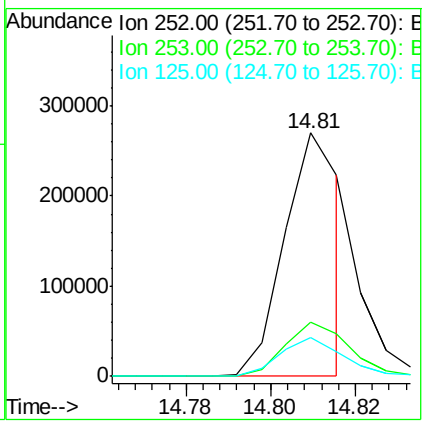


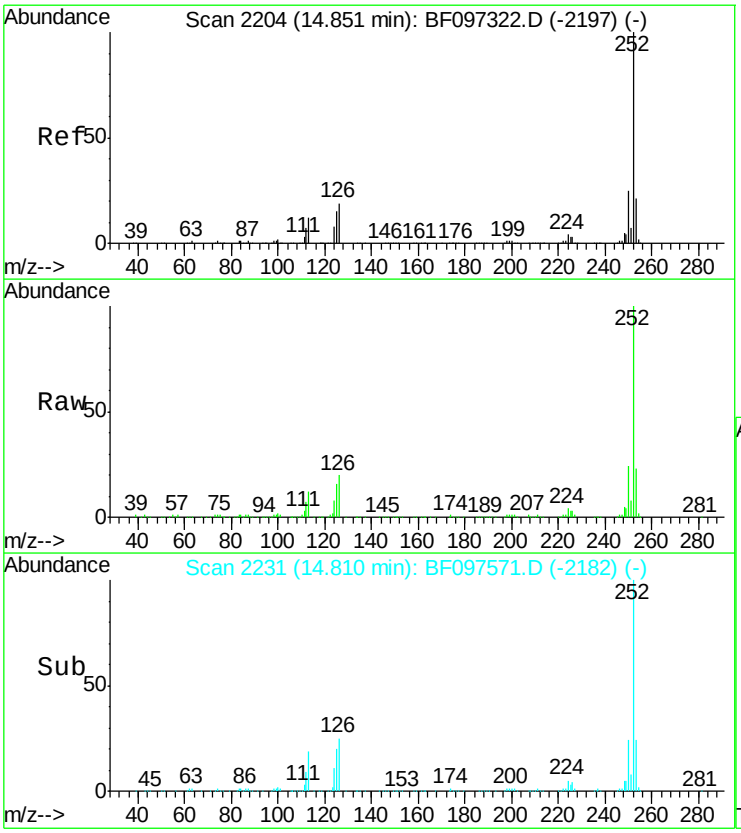

#88
Benzo(k)fluoranthene
Concen: 24.10 ng
RT: 14.81 min Scan# 2231
Delta R.T. 0.26 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:252 Resp: 246447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.4 | 27.6 |
| 125 | 15.9 | 13.1 | 19.7 |

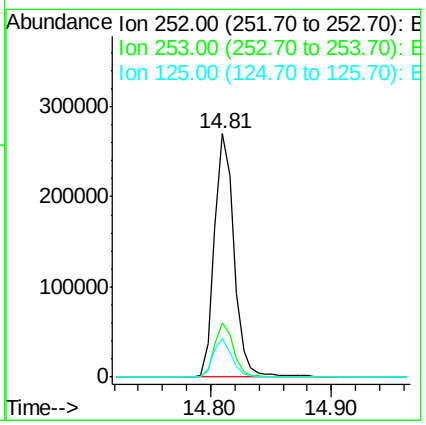


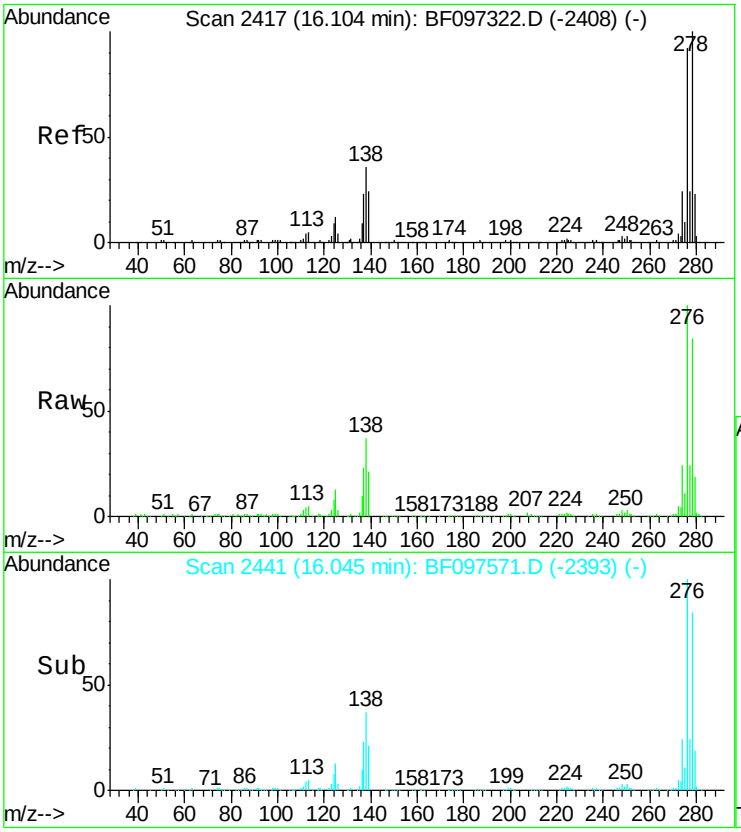




#89
Benzo(a)pyrene
Concen: 30.68 ng
RT: 14.81 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:252 Resp: 301317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 17.5 | 26.3 |
| 125 | 15.9 | 11.0 | 16.4 |



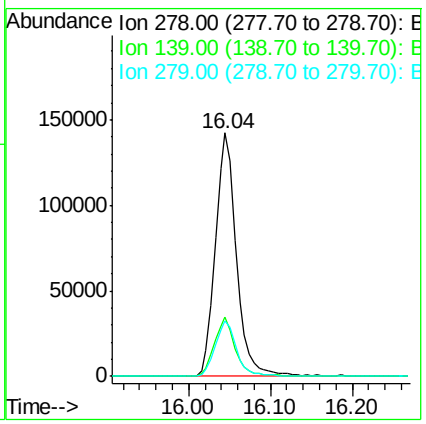


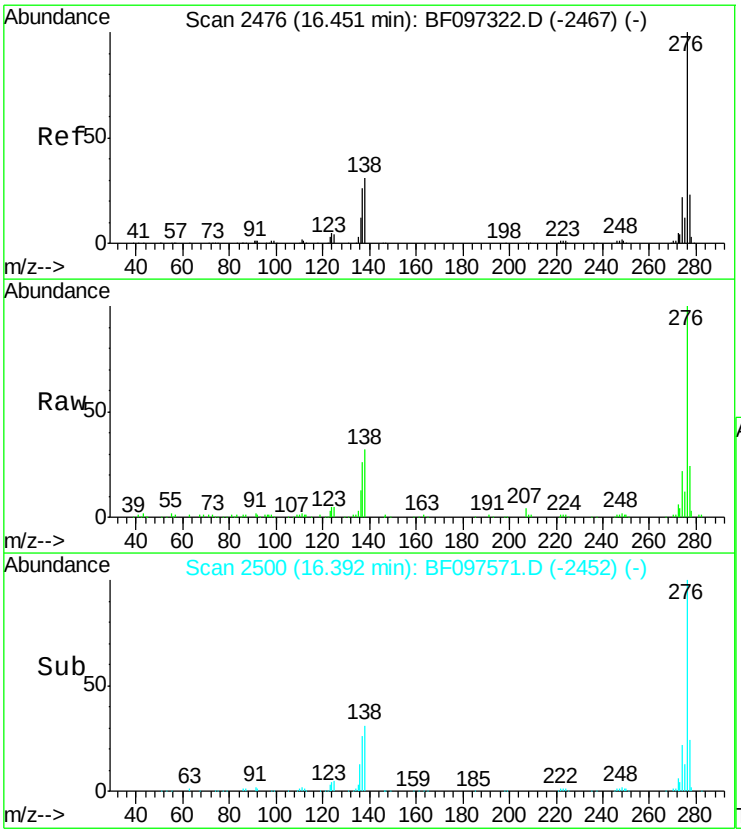

#90
Dibenzo(a,h)anthracene
Concen: 31.75 ng
RT: 16.04 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

**Instrument :**
BNA_F
**ClientSampleId :**
TRAP-ROCK-FINESMS

Tgt Ion:278 Resp: 255679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 24.5 | 16.6 | 24.8 |
| 279 | 22.9 | 19.3 | 28.9 |




#91
Benzo(g,h,i)perylene
Concen: 29.61 ng
RT: 16.39 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BF097571.D
Acq: 10 Aug 2017 21:23

Tgt Ion:276 Resp: 250064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.4 | 18.6 | 28.0 |
| 138 | 31.6 | 25.4 | 38.0 |