Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
Data File : BF094396.D
Acq On : 13 Apr 2017 17:55
Operator : SJ/MA
Sample : I2670-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 14 00:46:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.07 | 152 | 214 | 20.00 | ng | 0.03 |
| 21) Naphthalene-d8 | 10.92 | 136 | 821 | 20.00 | ng | 0.07 |
| 38) Acenaphthene-d10 | 14.76 | 164 | 401 | 20.00 | ng | 0.11 |
| 63) Phenanthrene-d10 | 0.00 | 188 | 0 | 0.00 | ng | -17.39 |
| 75) Chrysene-d12 | 0.00 | 240 | 0 | 0.00 | ng | -21.64 |
| 86) Perylene-d12 | 0.00 | 264 | 0 | 0.00 | ng | -24.82 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.79 | 112 | 262 | 21.73 | ng | 0.17 |
| 7) Phenol-d6 | 7.31 | 99 | 456 | 28.17 | ng | 0.10 |
| 23) Nitrobenzene-d5 | 9.12 | 82 | 888 | 65.04 | ng | -0.09 |
| 41) 2,4,6-Tribromophenol | 0.00 | 330 | 0 | 0.00 | ng | |
| 44) 2-Fluorobiphenyl | 13.37 | 172 | 424 | 14.83 | ng | 0.09 |
| 78) Terphenyl-d14 | 0.00 | 244 | 0 | 0.00 | ng | |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.46 | 88 | 1188 | 219.52 | ng | # 1 |
| 4) n-Nitrosodimethylamine | 3.76 | 42 | 608 | 150.09 | ng | # 7 |
| 8) 2-Chlorophenol | 7.47 | 128 | 1041 | 76.68 | ng | # 27 |
| 9) Benzaldehyde | 7.23 | 77 | 226 | 20.68 | ng | # 10 |
| 10) Phenol | 7.28 | 94 | 4164 | 241.06 | ng | # 1 |
| 12) 1,3-Dichlorobenzene | 7.76 | 146 | 111 | 6.87 | ng | # 1 |
| 14) 1,2-Dichlorobenzene | 8.61 | 146 | 98924 | 6322.28 | ng | # 26 |
| 15) Benzyl Alcohol | 8.57 | 79 | 277 | 26.10 | ng | # 1 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65 | 45 | 484 | 30.77 | ng | 74 |
| 17) 2-Methylphenol | 8.61 | 107 | 23097 | 1882.77 | ng | # 35 |
| 18) Hexachloroethane | 9.32 | 117 | 107 | 20.01 | ng | # 14 |
| 19) n-Nitroso-di-n-propylamine | 9.01 | 70 | 1597 | 153.47 | ng | # 77 |
| 20) 3+4-Methylphenols | 8.61 | 107 | 23097 | 1367.54 | ng | # 33 |
| 22) Acetophenone | 8.90 | 105 | 122 | 6.46 | ng | # 41 |
| 24) Nitrobenzene | 9.32 | 77 | 497 | 36.86 | ng | # 1 |
| 25) Isophorone | 9.83 | 82 | 950 | 36.92 | ng | # 1 |
| 26) 2-Nitrophenol | 10.01 | 139 | 448 | 63.86 | ng | # 1 |
| 27) 2,4-Dimethylphenol | 10.06 | 122 | 238 | 20.67 | ng | # 66 |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93 | 602 | 36.01 | ng | # 1 |
| 29) 2,4-Dichlorophenol | 10.57 | 162 | 954 | 81.92 | ng | # 1 |
| 30) 1,2,4-Trichlorobenzene | 10.77 | 180 | 674 | 51.52 | ng | # 10 |
| 31) Naphthalene | 10.95 | 128 | 535 | 12.89 | ng | # 1 |
| 32) Benzoic acid | 10.23 | 122 | 498 | 56.21 | ng | 94 |
| 33) 4-Chloroaniline | 11.05 | 127 | 1139 | 67.46 | ng | # 1 |
| 34) Hexachlorobutadiene | 11.26 | 225 | 307 | 39.78 | ng | # 1 |
| 35) Caprolactam | 11.84 | 113 | 313 | 68.22 | ng | # 1 |
| 36) 4-Chloro-3-methylphenol | 12.20 | 107 | 1903 | 152.77 | ng | # 67 |
| 37) 2-Methylnaphthalene | 12.57 | 142 | 829 | 27.26 | ng | # 1 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216 | 370 | 30.67 | ng | # 1 |
| 40) Hexachlorocyclopentadiene | 12.97 | 237 | 522 | 82.19 | ng | 74 |
| 42) 2,4,6-Trichlorophenol | 13.23 | 196 | 6015 | 761.42 | ng | # 1 |
| 43) 2,4,5-Trichlorophenol | 13.28 | 196 | 224 | 25.65 | ng | # 1 |
| 45) 1,1'-Biphenyl | 13.59 | 154 | 439 | 13.22 | ng | # 1 |
| 46) 2-Chloronaphthalene | 13.64 | 162 | 384 | 15.83 | ng | # 1 |

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Acq On : 13 Apr 2017 17:55
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Sample : I2670-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 14 00:46:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 47) 2-Nitroaniline | 13.82 | 65 | 536 | 77.71 | ng | # | 56 |
| 48) Acenaphthylene | 14.50 | 152 | 301 | 7.12 | ng | # | 1 |
| 49) Dimethylphthalate | 14.24 | 163 | 1038 | 34.29 | ng | # | 28 |
| 50) 2,6-Dinitrotoluene | 14.34 | 165 | 613 | 86.78 | ng | # | 22 |
| 51) Acenaphthene | 14.84 | 154 | 889 | 34.14 | ng | # | 65 |
| 52) 3-Nitroaniline | 14.64 | 138 | 195 | 25.07 | ng | # | 36 |
| 53) 2,4-Dinitrophenol | 14.88 | 184 | 512 | 124.94 | ng | # | 4 |
| 54) Dibenzofuran | 15.16 | 168 | 164 | 4.47 | ng | # | 1 |
| 55) 4-Nitrophenol | 14.96 | 139 | 362 | 56.83 | ng | # | 4 |
| 56) 2,4-Dinitrotoluene | 15.09 | 165 | 588 | 59.18 | ng | # | 32 |
| 57) Fluorene | 15.80 | 166 | 512 | 15.69 | ng | # | 1 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.50 | 232 | 109 | 14.31 | ng | # | 1 |
| 59) Diethylphthalate | 15.61 | 149 | 2357 | 76.19 | ng | # | 85 |
| 60) 4-Chlorophenyl-phenylether | 15.55 | 204 | 107 | 6.92 | ng | # | 1 |
| 61) 4-Nitroaniline | 15.82 | 138 | 237 | 28.80 | ng | # | 46 |
| 62) Azobenzene | 16.08 | 77 | 343 | 13.64 | ng | # | 1 |

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

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Acq On : 13 Apr 2017 17:55
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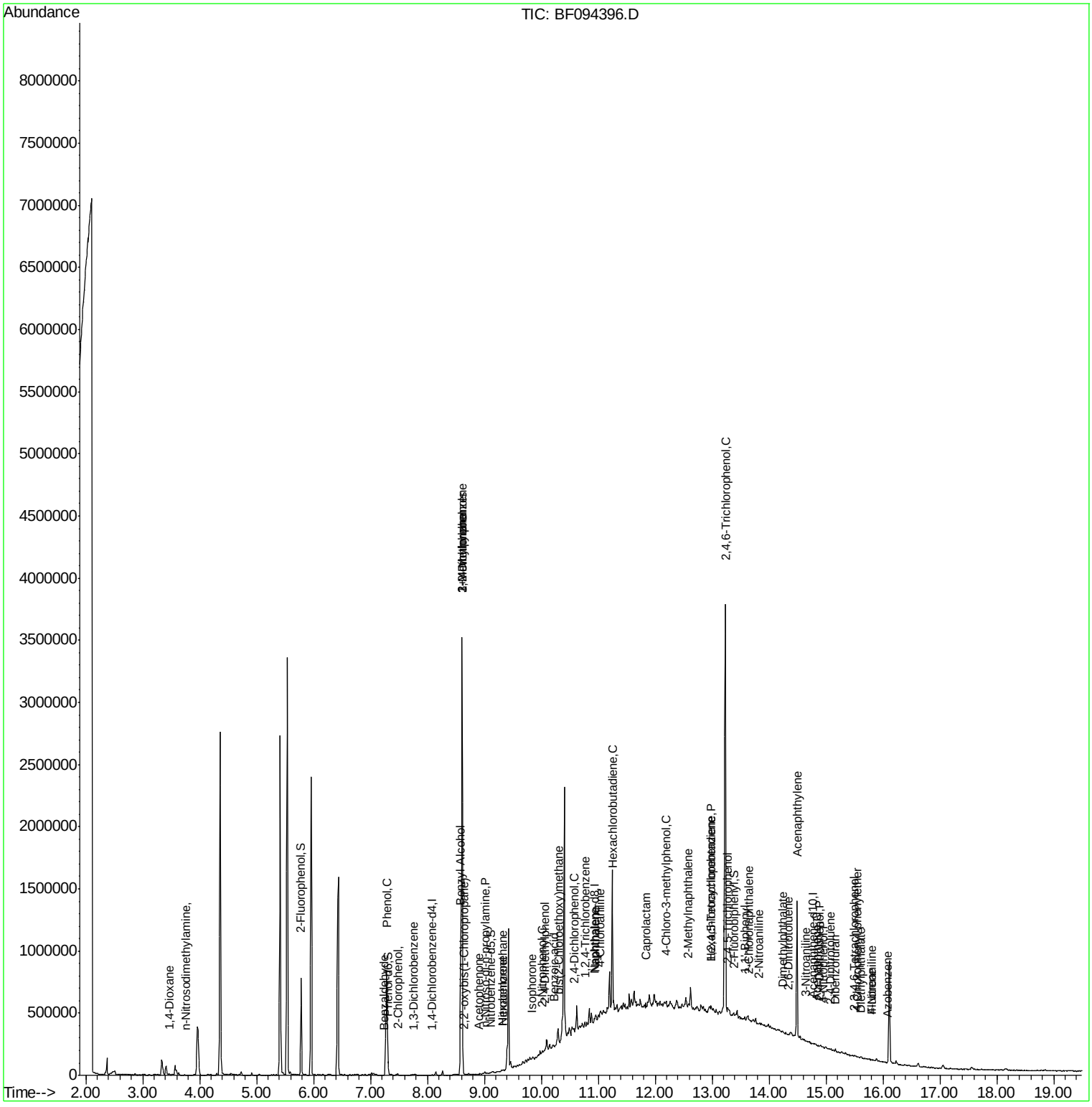
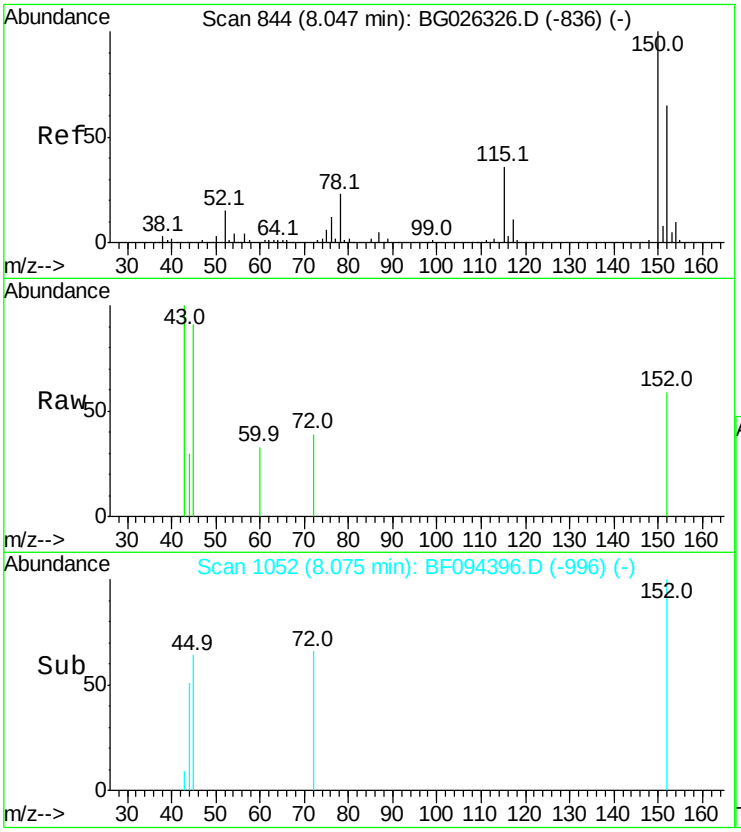
Sample : I2670-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Apr 14 00:46:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration



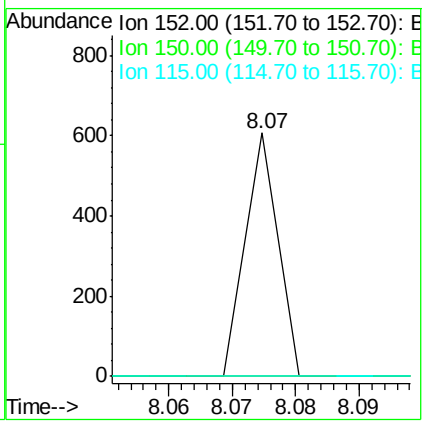


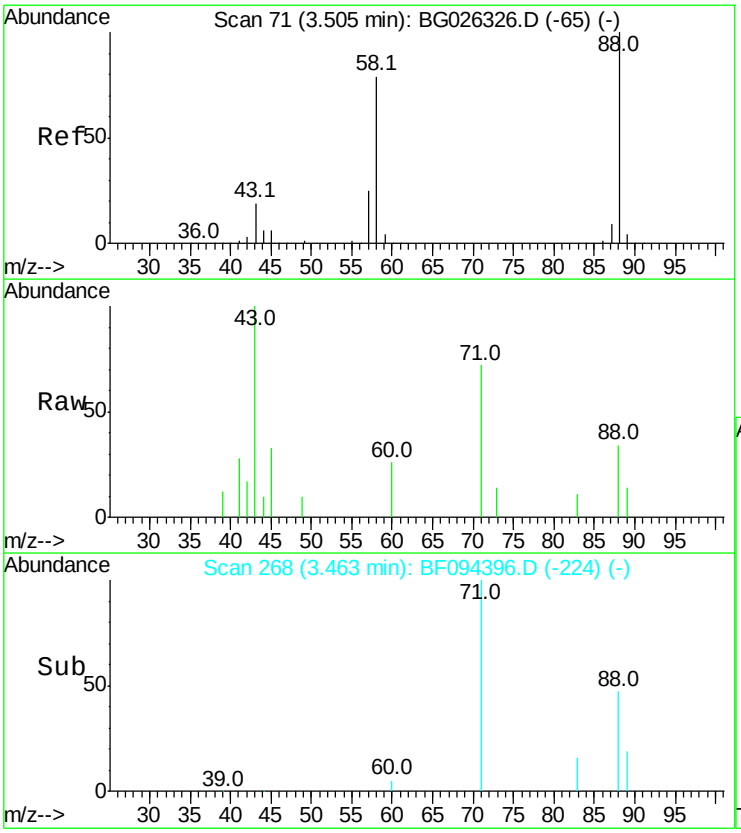

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 1052
Delta R.T. 0.03 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:152 Resp: 214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 0.0 | 114.0 | 171.0# |
| 115 | 0.0 | 48.1 | 72.1# |

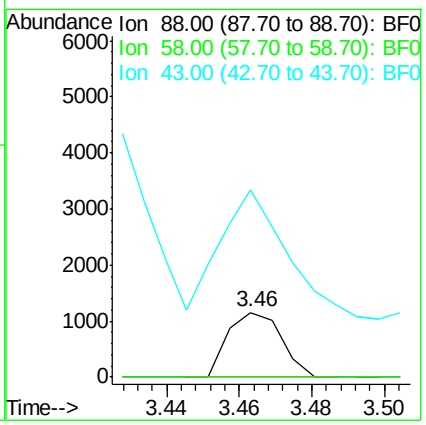


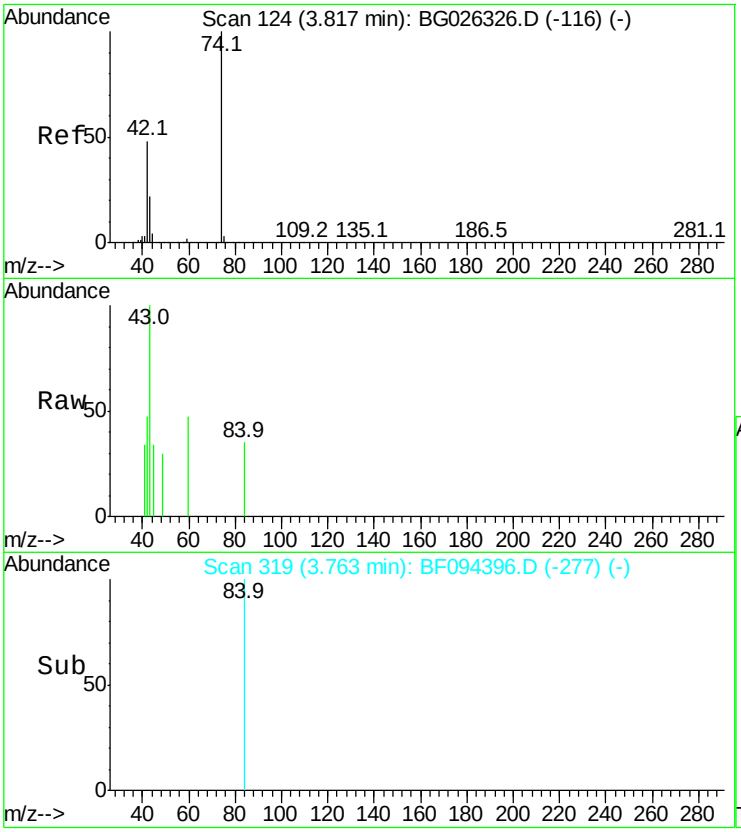




#2
1,4-Dioxane
Concen: 219.52 ng
RT: 3.46 min Scan# 268
Delta R.T. -0.04 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 88 Resp: 1188

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 79.4 | 119.2# |
| 43 | 253.2 | 33.8 | 50.6# |



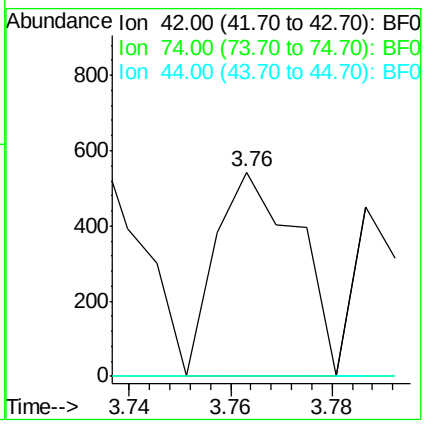


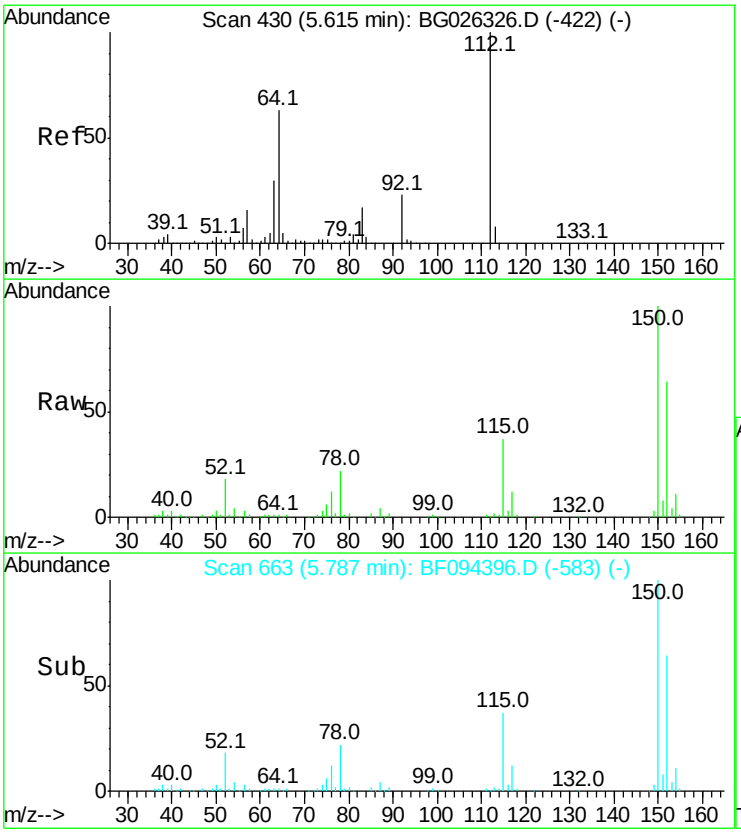

#4
n-Nitrosodimethylamine
Concen: 150.09 ng
RT: 3.76 min Scan# 319
Delta R.T. -0.05 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion: 42 Resp: 608

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 76.7 | 115.1# |
| 44 | 0.0 | 6.1 | 9.1# |

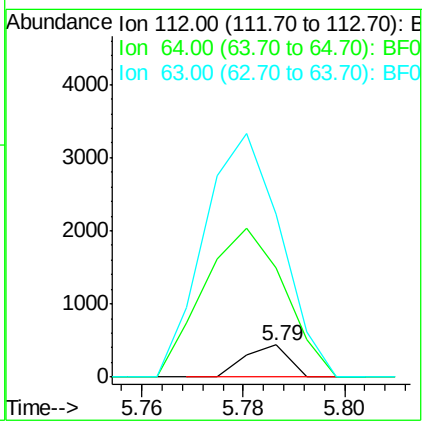


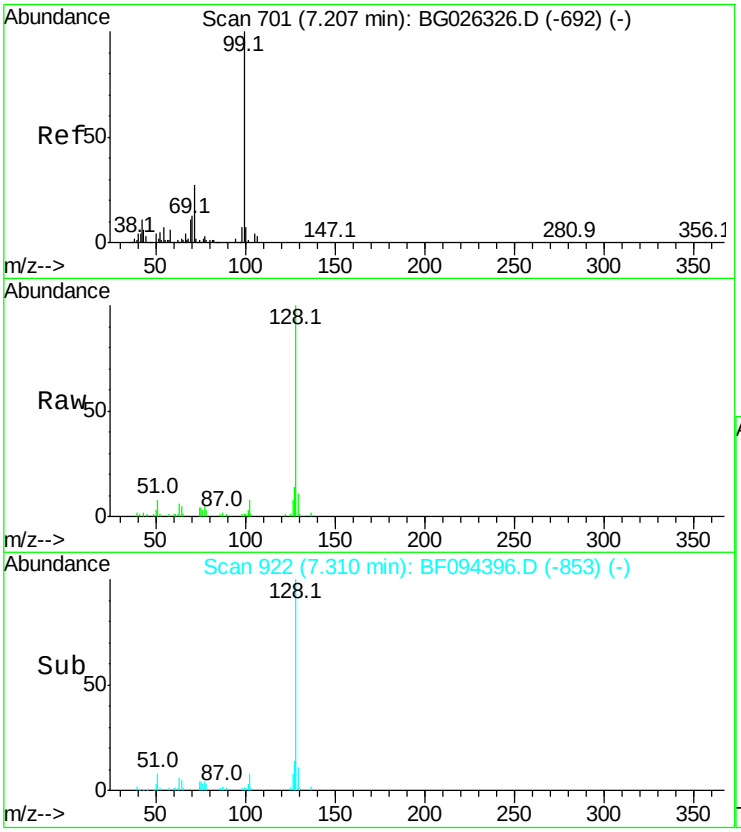




#5
2-Fluorophenol
Concen: 21.73 ng
RT: 5.79 min Scan# 663
Delta R.T. 0.17 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:112 Resp: 262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 337.6 | 61.8 | 92.6# |
| 63 | 505.2 | 37.2 | 55.8# |



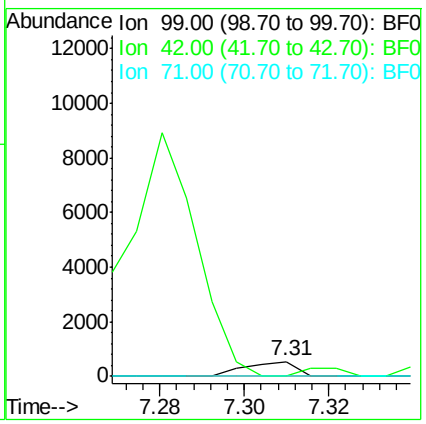


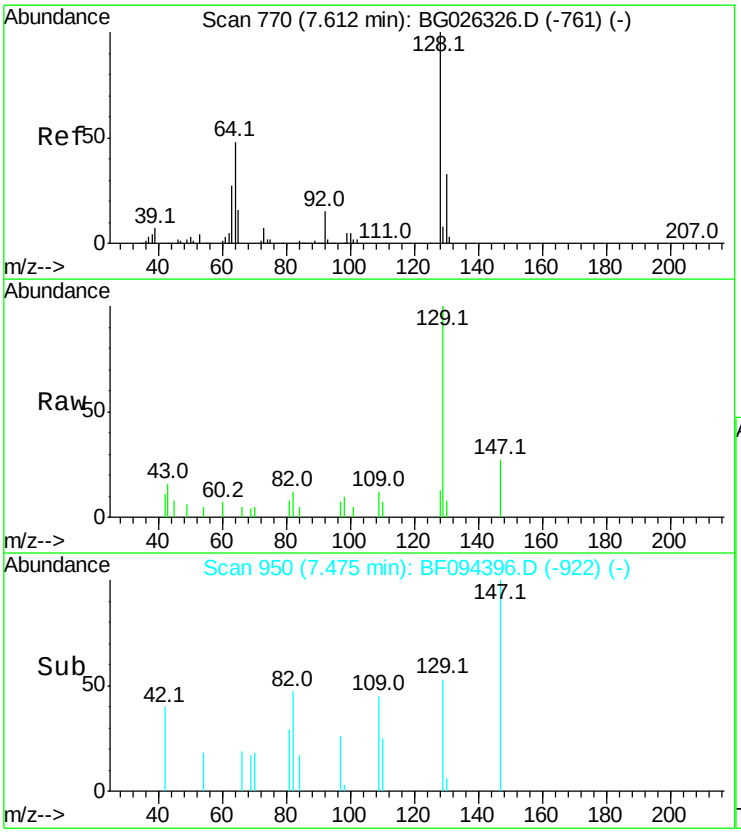

#7
Phenol-d6
Concen: 28.17 ng
RT: 7.31 min Scan# 922
Delta R.T. 0.10 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion: 99 Resp: 456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 20.5 | 30.7# |
| 71 | 0.0 | 37.6 | 56.4# |

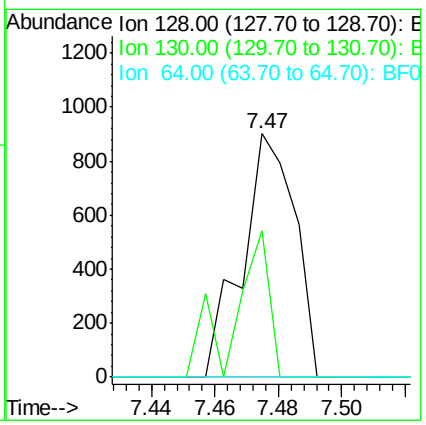


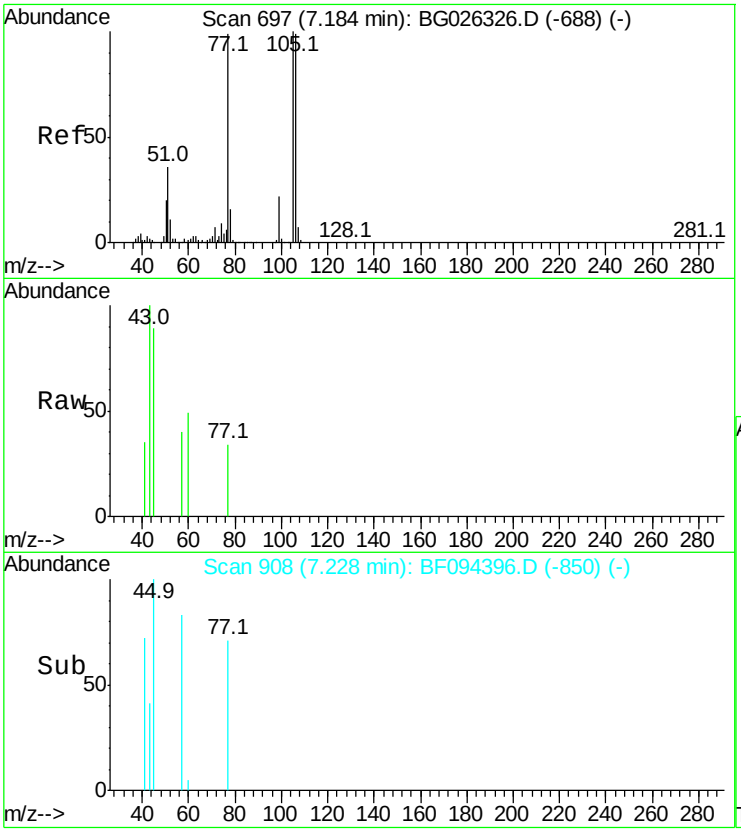




#8
2-Chlorophenol
Concen: 76.68 ng
RT: 7.47 min Scan# 950
Delta R.T. -0.14 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:128 Resp: 1041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 60.1 | 11.4 | 51.4# |
| 64 | 0.0 | 46.6 | 86.6# |



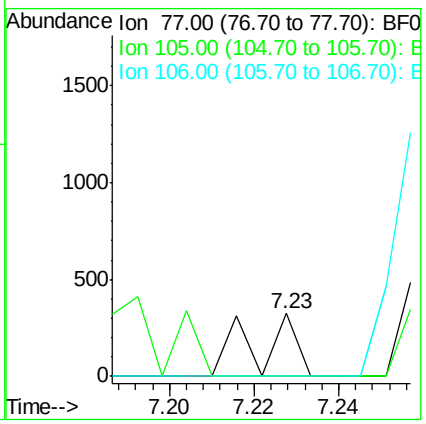


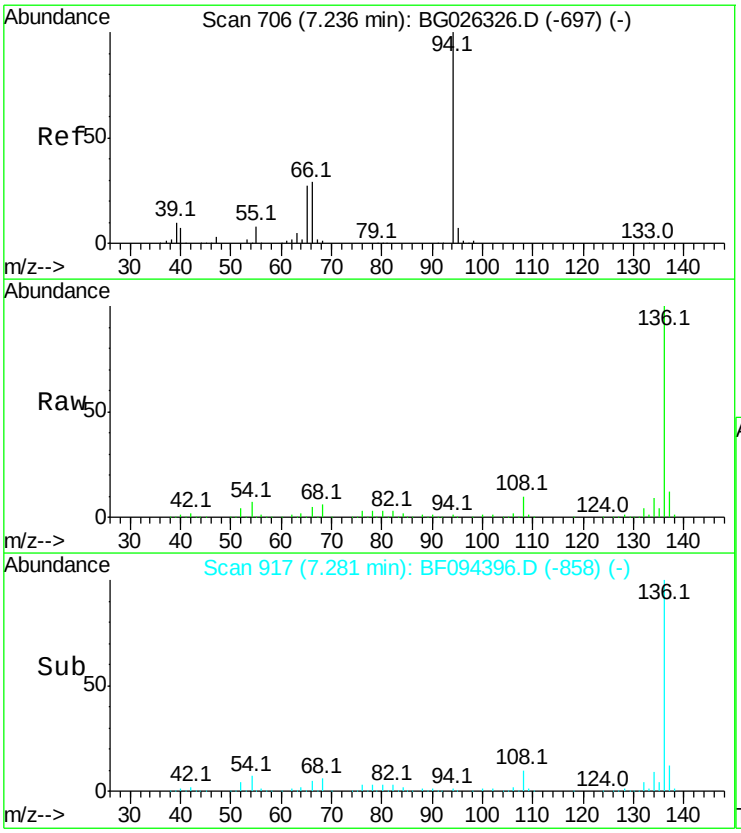

#9
Benzaldehyde
Concen: 20.68 ng
RT: 7.23 min Scan# 908
Delta R.T. 0.04 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion: 77 Resp: 226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 60.9 | 100.9# |
| 106 | 0.0 | 55.1 | 95.1# |

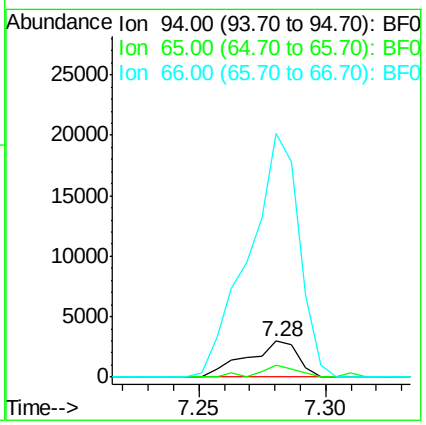


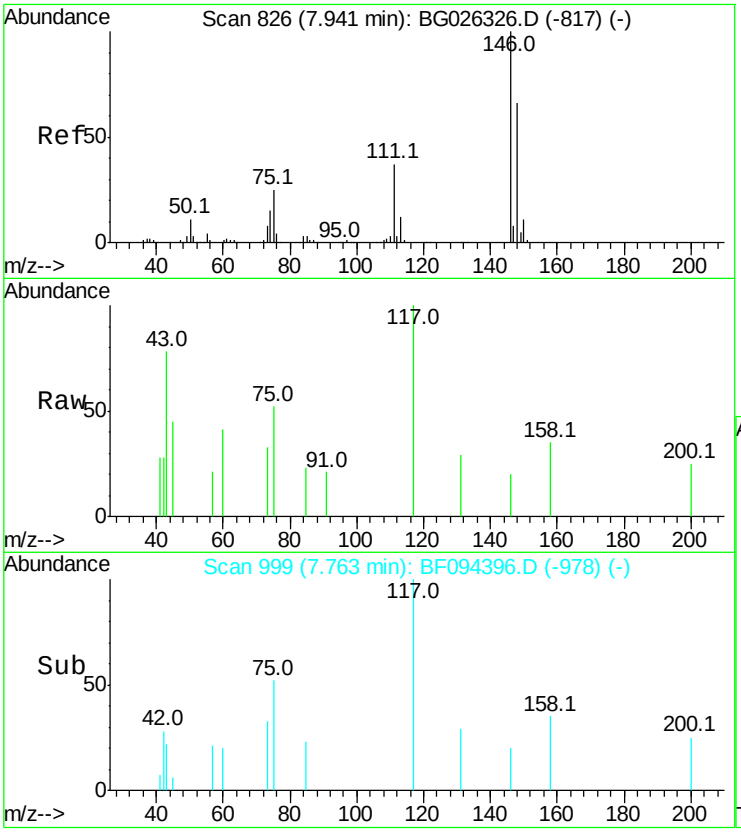




#10
Phenol
Concen: 241.06 ng
RT: 7.28 min Scan# 917
Delta R.T. 0.04 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 94 Resp: 4164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 33.8 | 20.6 | 60.6 |
| 66 | 679.9 | 35.5 | 75.5# |



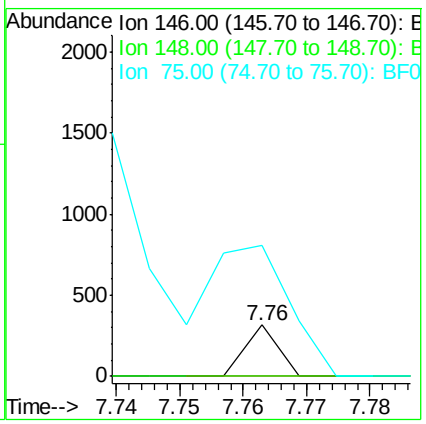


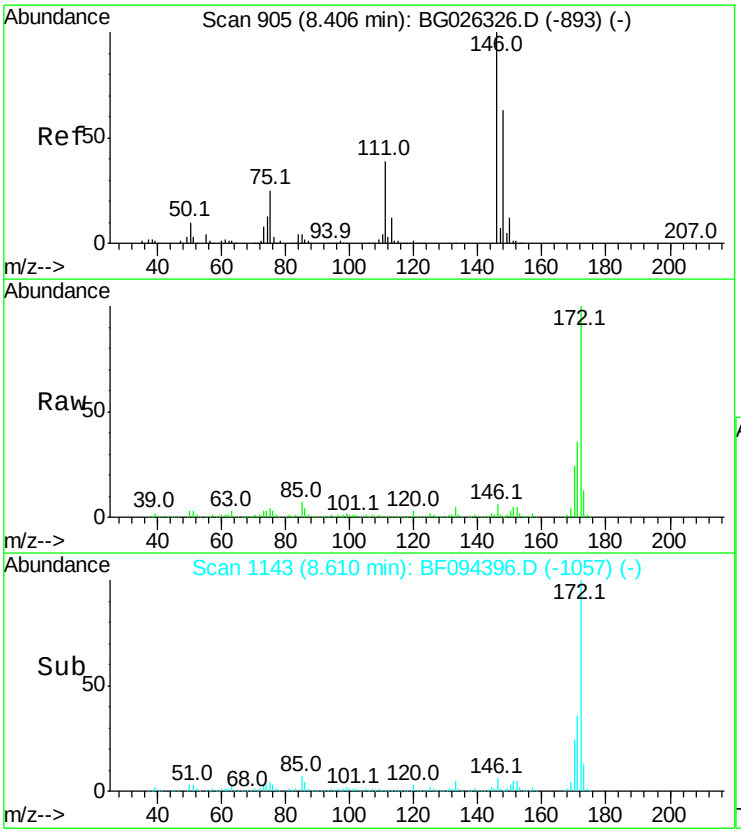

#12
1,3-Dichlorobenzene
Concen: 6.87 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.18 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:146 Resp: 111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 0.0 | 49.2 | 73.8# |
| 75 | 256.8 | 33.4 | 50.2# |

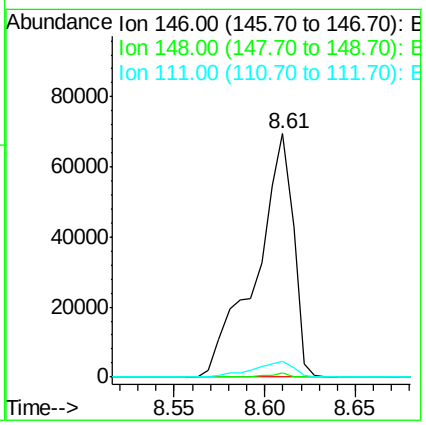


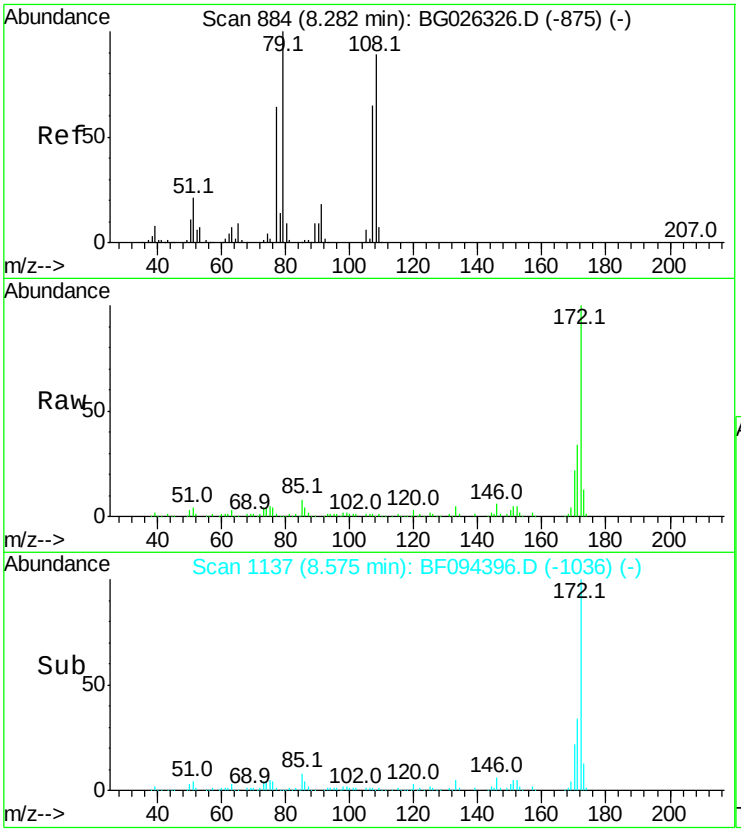




#14
1,2-Dichlorobenzene
Concen: 6322.28 ng
RT: 8.61 min Scan# 1143
Delta R.T. 0.20 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:146 Resp: 98924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 1.5 | 54.6 | 81.8# |
| 111 | 6.7 | 39.7 | 59.5# |



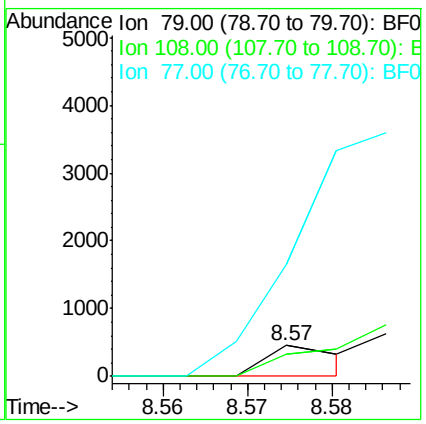


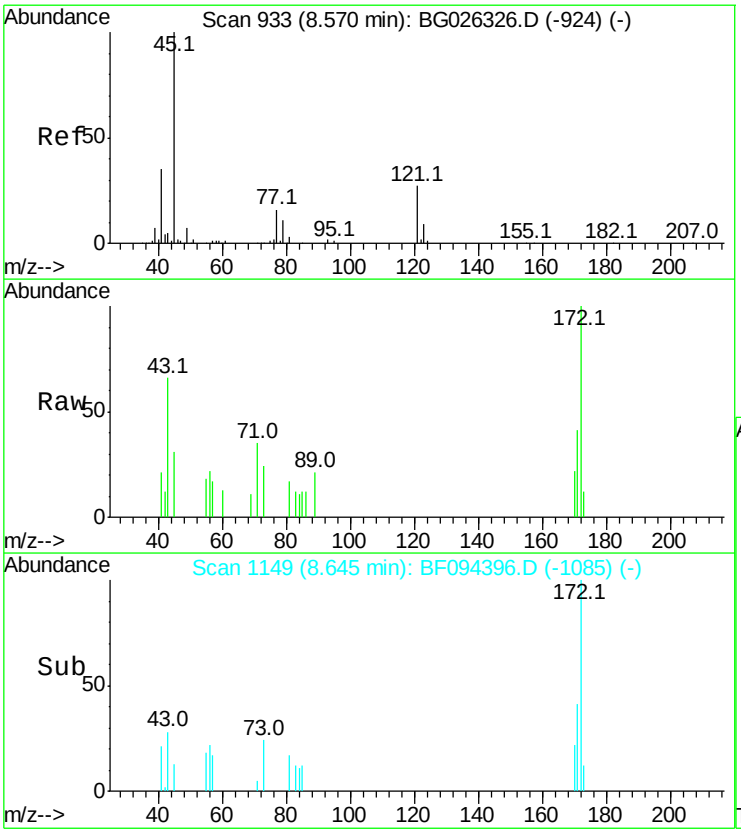

#15
Benzyl Alcohol
Concen: 26.10 ng
RT: 8.57 min Scan# 1137
Delta R.T. 0.29 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion: 79 Resp: 277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 73.6 | 45.5 | 68.3# |
| 77 | 366.3 | 54.3 | 81.5# |

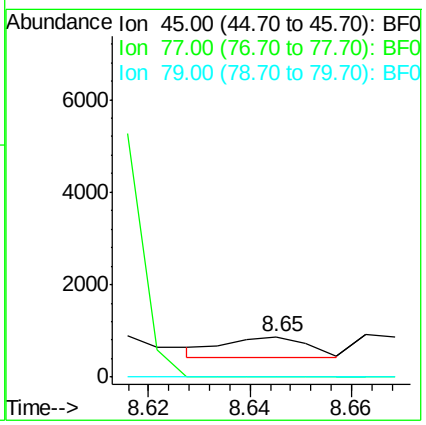


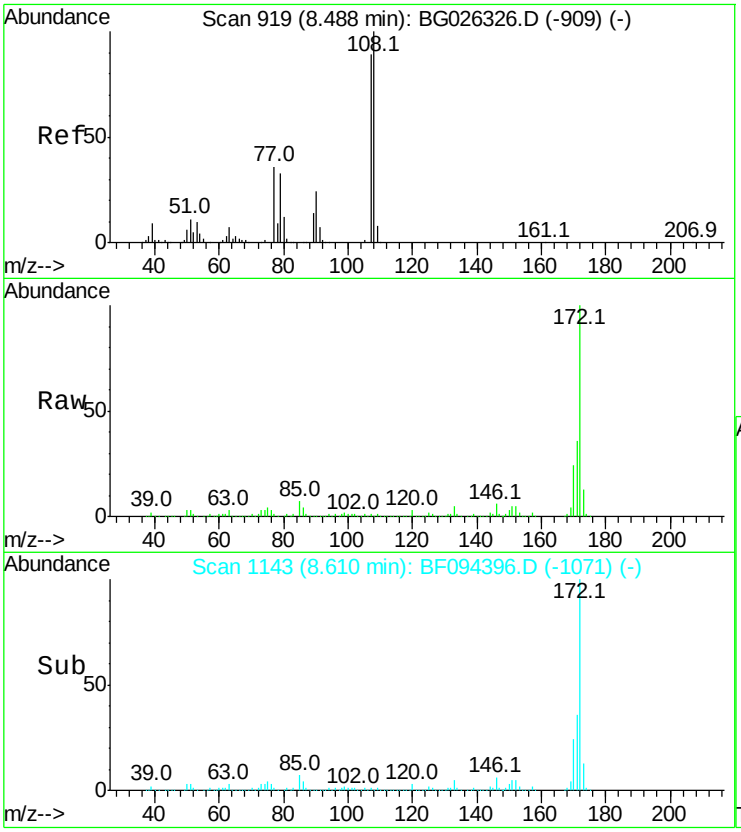




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.77 ng
RT: 8.65 min Scan# 1149
Delta R.T. 0.08 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 45 Resp: 484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 0.0 | 0.0 | 30.6 |
| 79 | 0.0 | 0.0 | 28.5 |



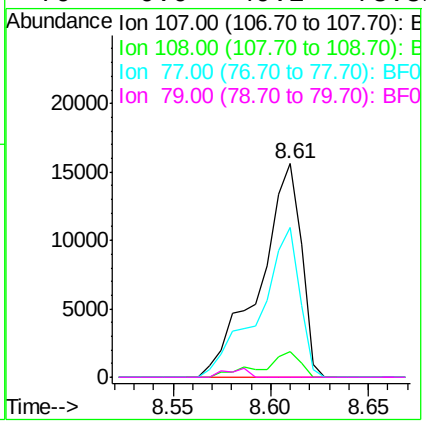


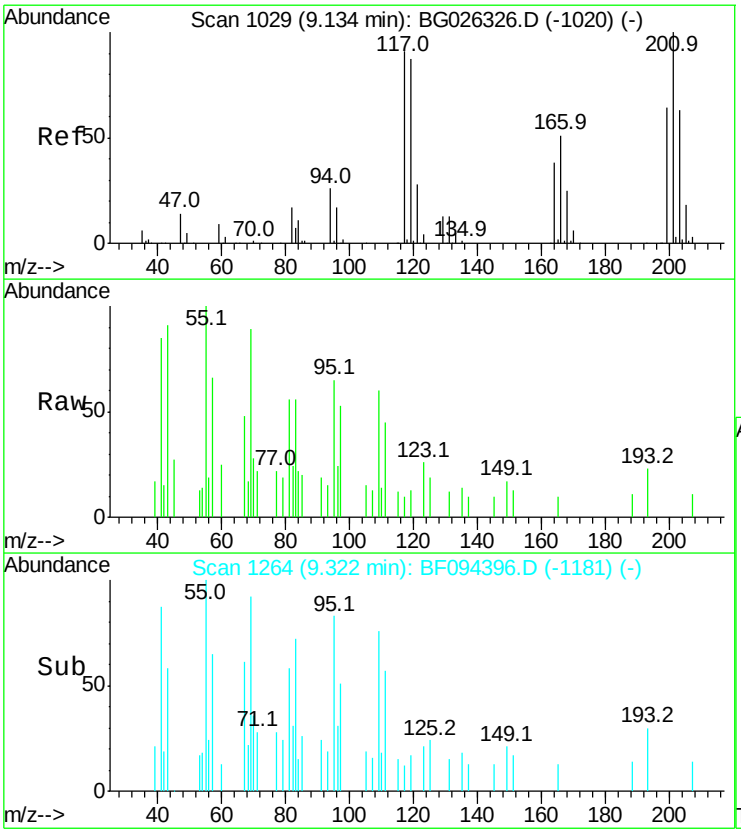

#17
2-Methylphenol
Concen: 1882.77 ng
RT: 8.61 min Scan# 1143
Delta R.T. 0.12 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:107 Resp: 23097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 12.0 | 85.6 | 128.4# |
| 77 | 70.4 | 51.4 | 77.2 |
| 79 | 0.0 | 49.2 | 73.8# |

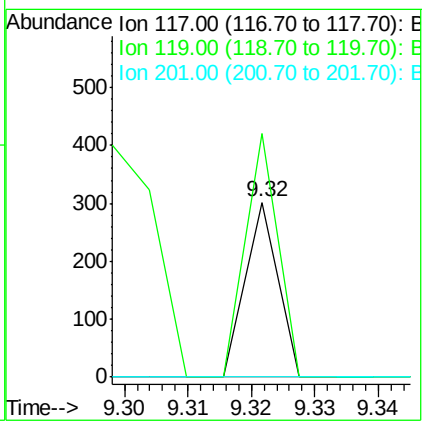


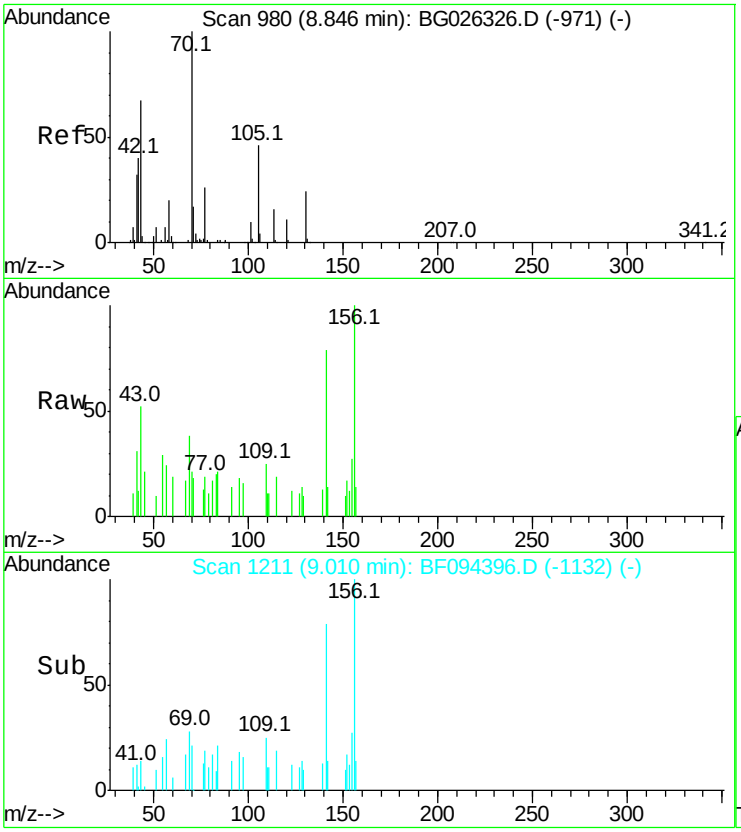




#18
Hexachloroethane
Concen: 20.01 ng
RT: 9.32 min Scan# 1264
Delta R.T. 0.19 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:117 Resp: 107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 139.4 | 69.8 | 104.6# |
| 201 | 0.0 | 95.4 | 143.0# |



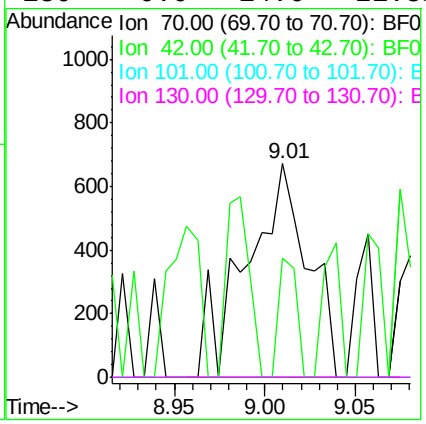


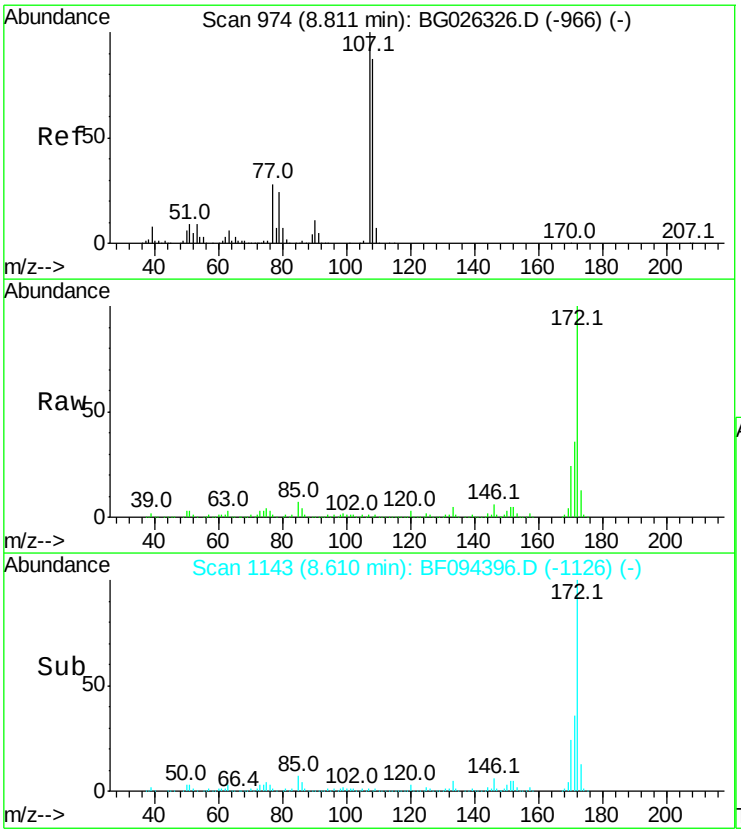

#19
n-Nitroso-di-n-propylamine
Concen: 153.47 ng
RT: 9.01 min Scan# 1211
Delta R.T. 0.16 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion: 70 Resp: 1597

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.7 | 56.1 | 84.1# |
| 101 | 0.0 | 7.5 | 11.3# |
| 130 | 0.0 | 14.6 | 21.8# |

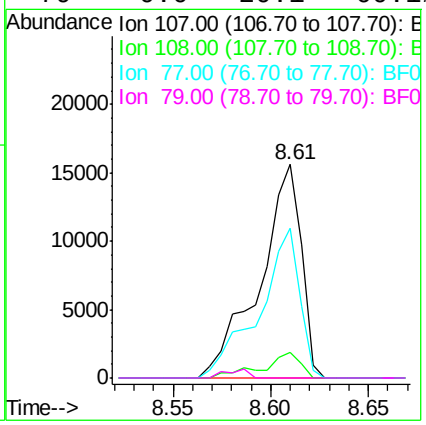


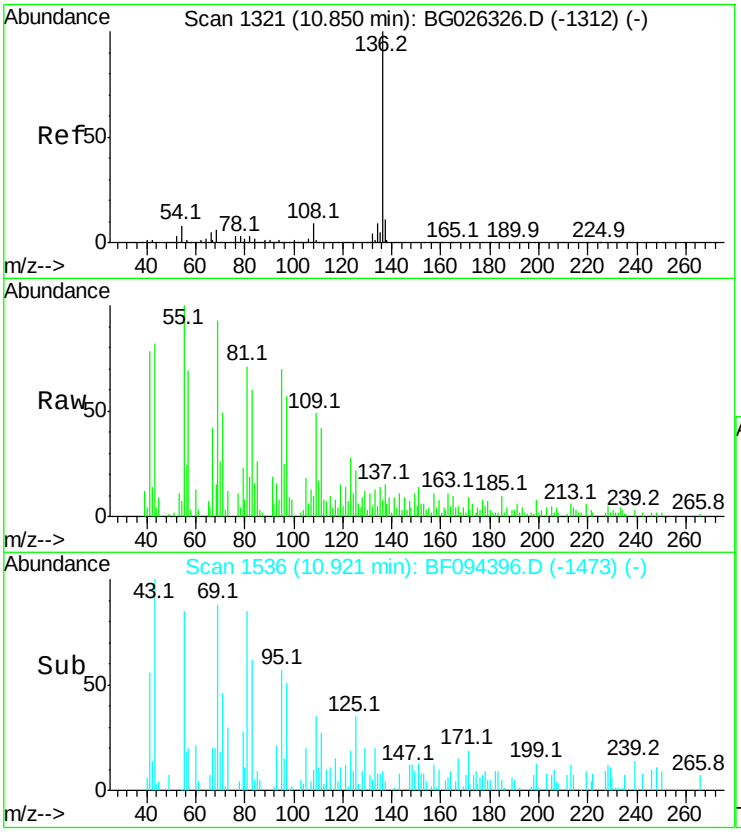




#20
3+4-Methylphenols
Concen: 1367.54 ng
RT: 8.61 min Scan# 1143
Delta R.T. -0.20 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:107 Resp: 23097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 12.0 | 70.8 | 110.8# |
| 77 | 70.4 | 25.8 | 65.8# |
| 79 | 0.0 | 20.1 | 60.1# |



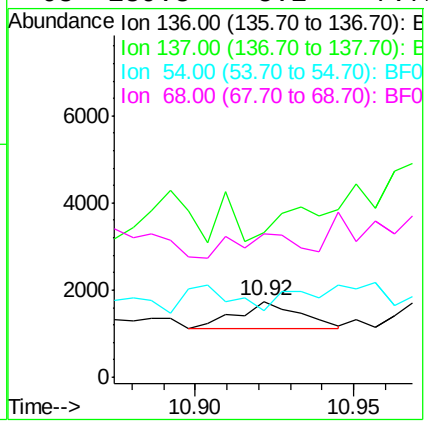


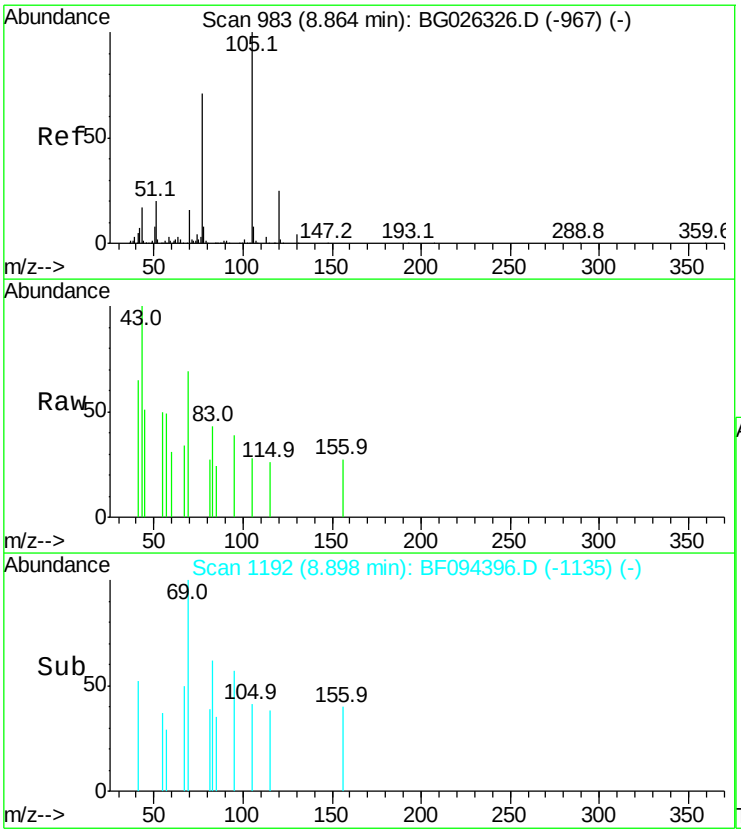

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1536
Delta R.T. 0.07 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:136 Resp: 821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 189.8 | 8.9 | 13.3# |
| 54 | 87.9 | 9.3 | 13.9# |
| 68 | 189.3 | 5.1 | 7.7# |

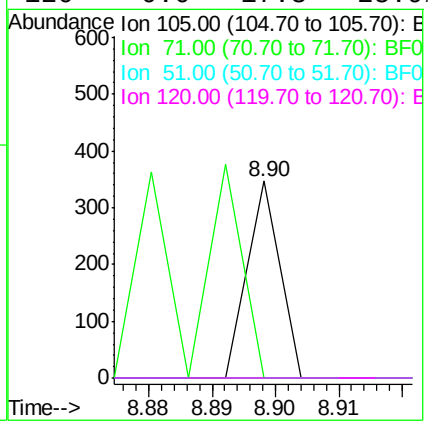


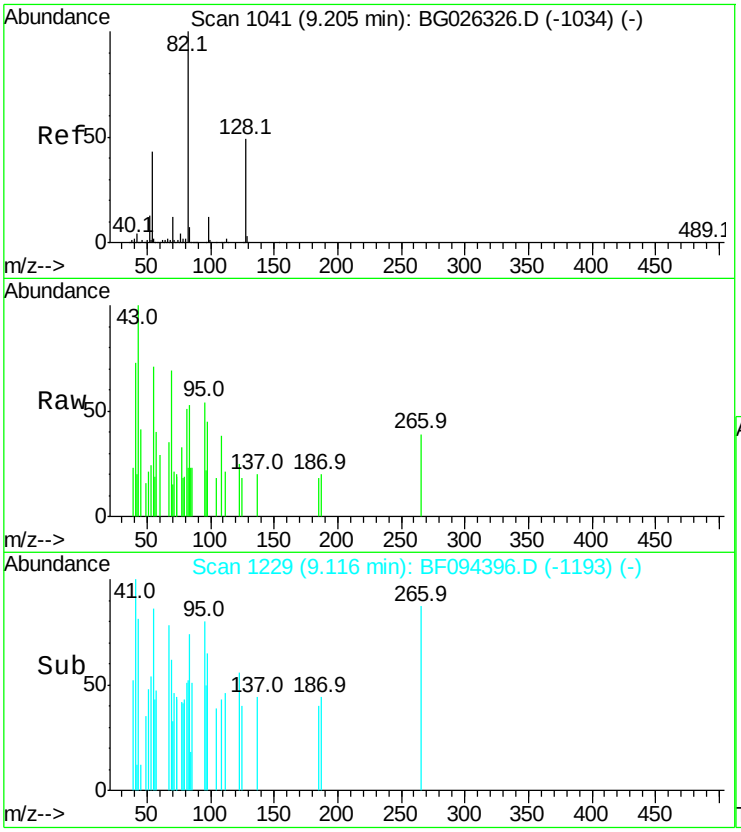




#22
Acetophenone
Concen: 6.46 ng
RT: 8.90 min Scan# 1192
Delta R.T. 0.03 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:105 Resp: 122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 0.9 | 1.3# |
| 51 | 0.0 | 34.0 | 51.0# |
| 120 | 0.0 | 17.3 | 25.9# |



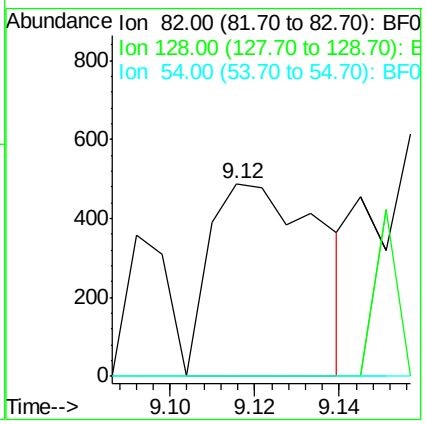


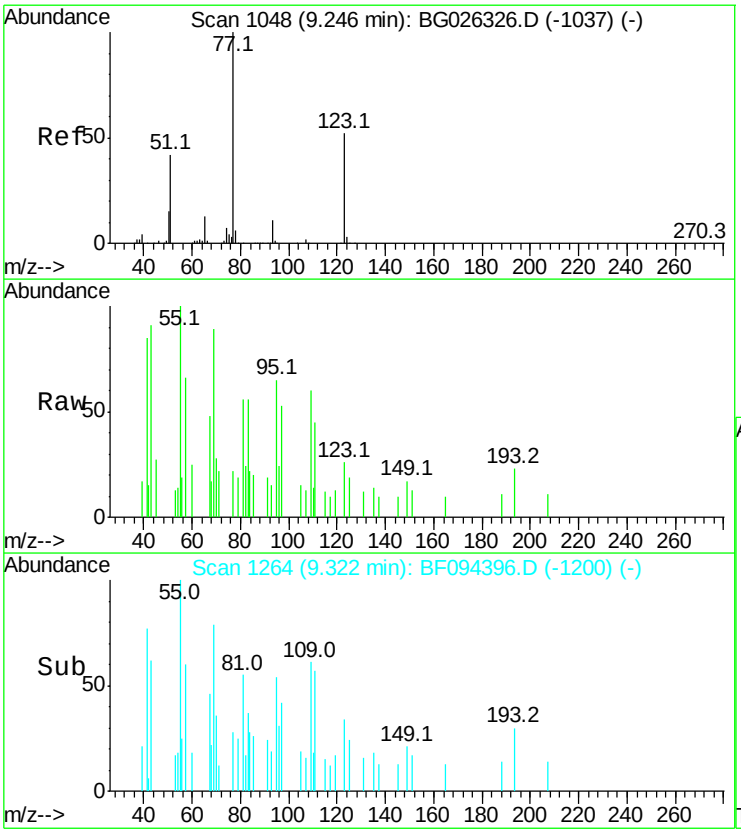

#23
Nitrobenzene-d5
Concen: 65.04 ng
RT: 9.12 min Scan# 1229
Delta R.T. -0.09 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion: 82 Resp: 888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 0.0 | 26.4 | 39.6# |
| 54 | 0.0 | 49.4 | 74.2# |

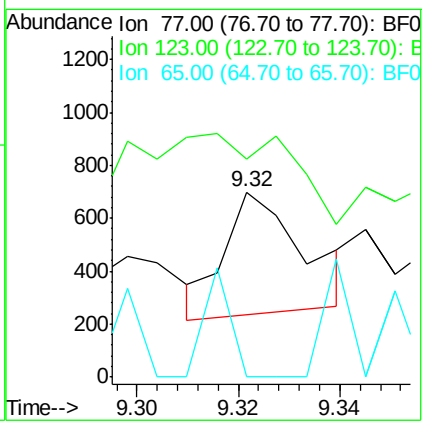


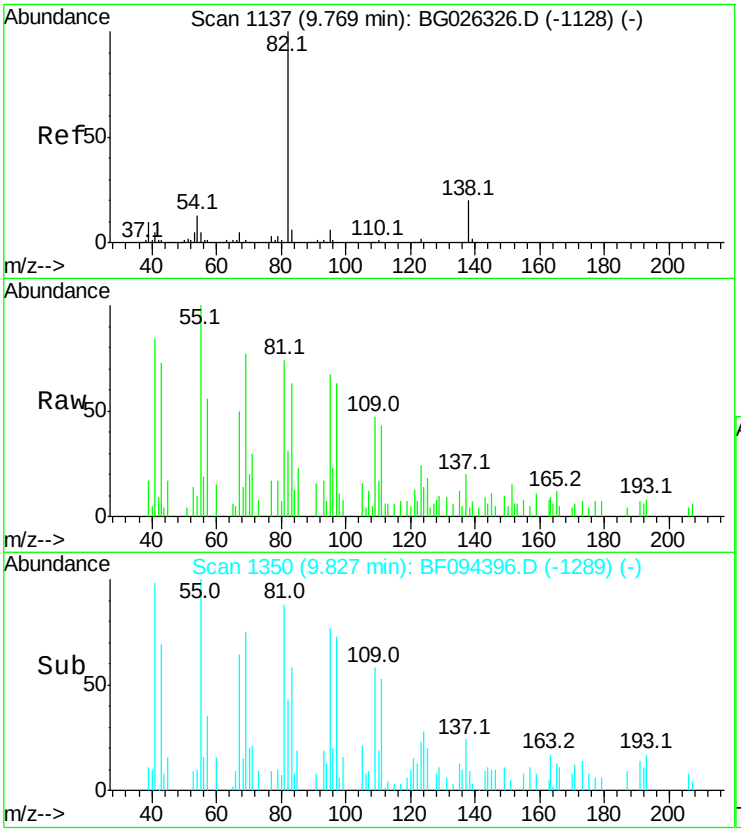




#24
Nitrobenzene
Concen: 36.86 ng
RT: 9.32 min Scan# 1264
Delta R.T. 0.08 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 77 Resp: 497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 117.9 | 26.1 | 39.1# |
| 65 | 0.0 | 12.4 | 18.6# |

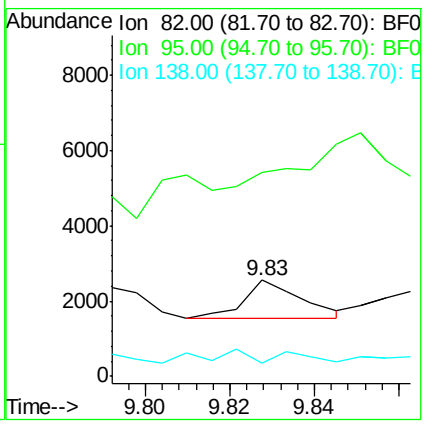




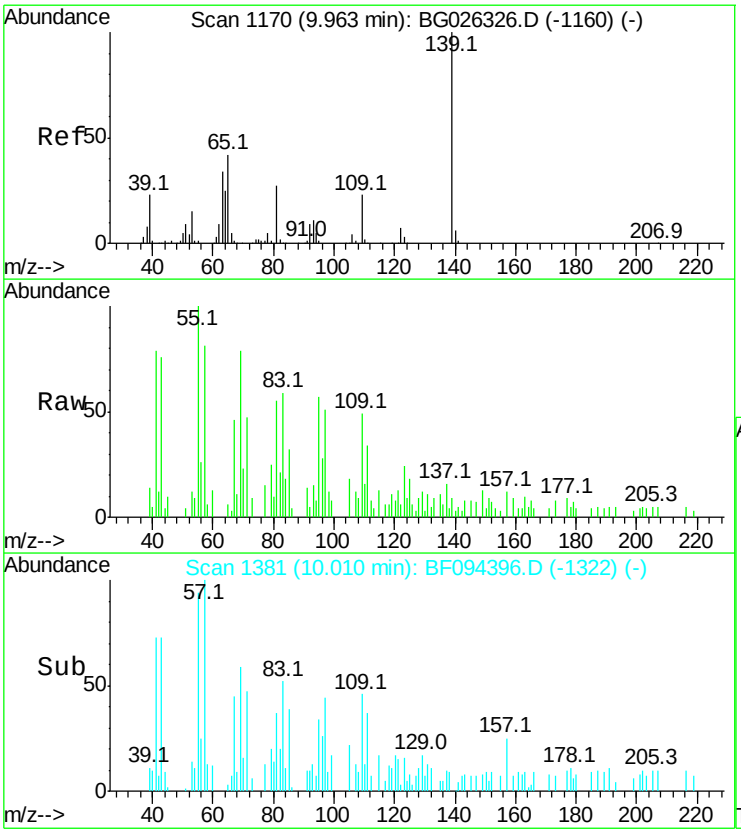

#25
Isophorone
Concen: 36.92 ng
RT: 9.83 min Scan# 1350
Delta R.T. 0.06 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 82 Resp: 950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 213.1 | 7.5 | 11.3# |
| 138 | 14.1 | 12.3 | 18.5 |



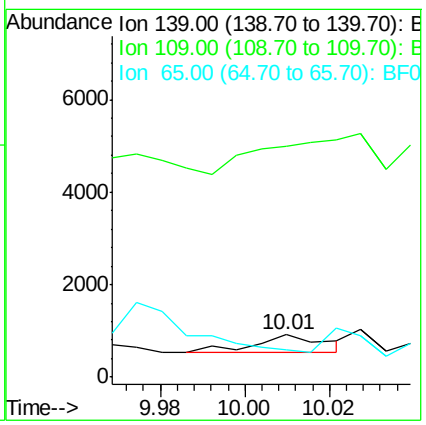

**Instrument :**
BNA_F
**ClientSampleId :**

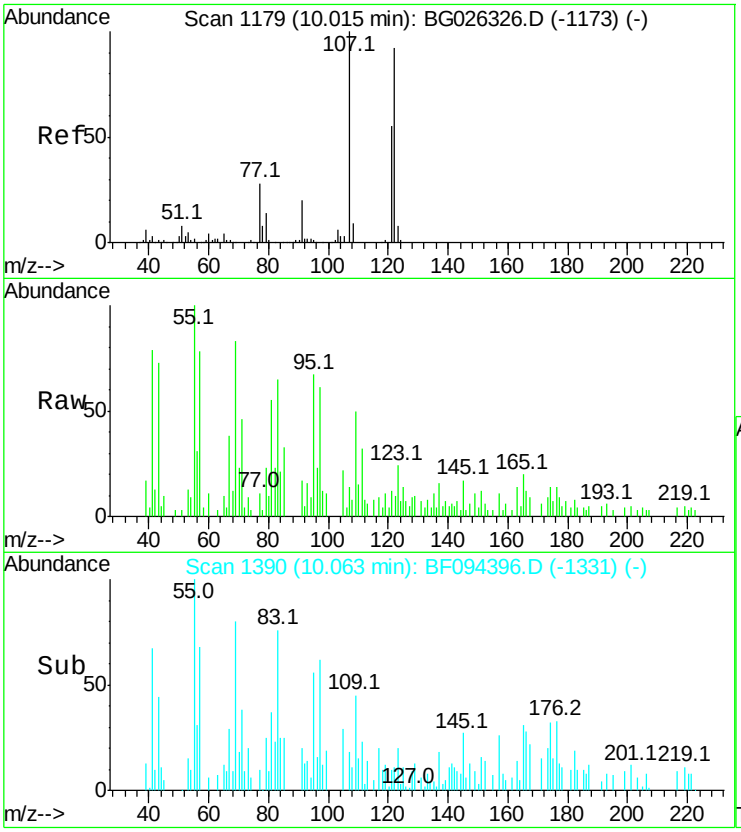



#26
2-Nitrophenol
Concen: 63.86 ng
RT: 10.01 min Scan# 1381
Delta R.T. 0.05 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:139 Resp: 448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 546.2 | 38.6 | 58.0# |
| 65 | 64.5 | 57.1 | 85.7 |



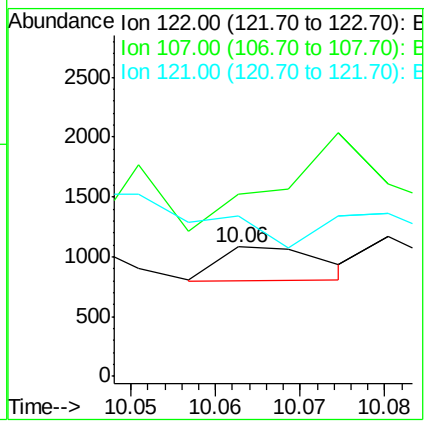


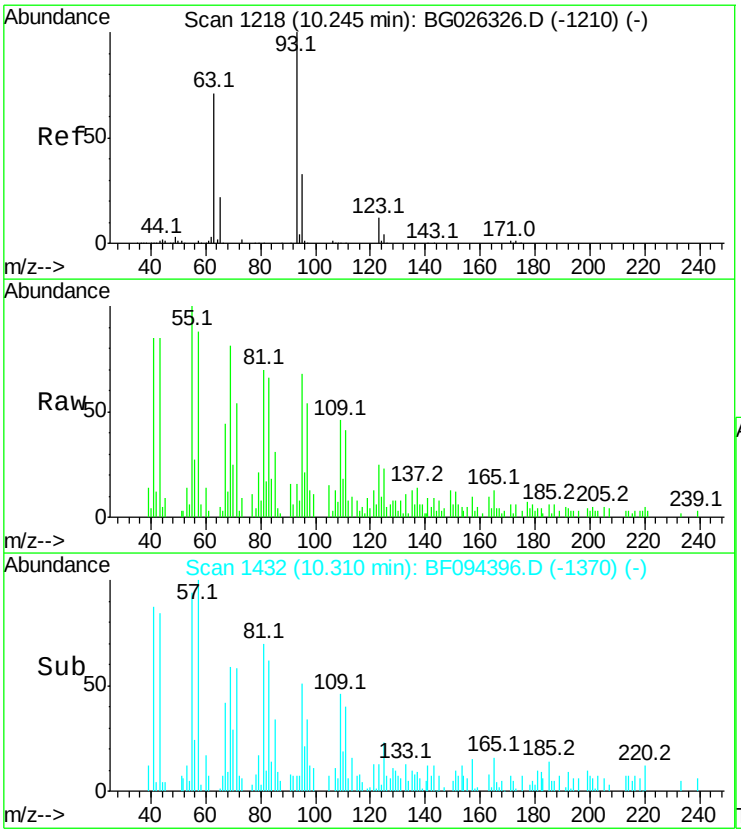

#27
2,4-Dimethylphenol
Concen: 20.67 ng
RT: 10.06 min Scan# 1390
Delta R.T. 0.05 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:122 Resp: 238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 140.9 | 104.2 | 156.4 |
| 121 | 124.3 | 46.0 | 69.0# |

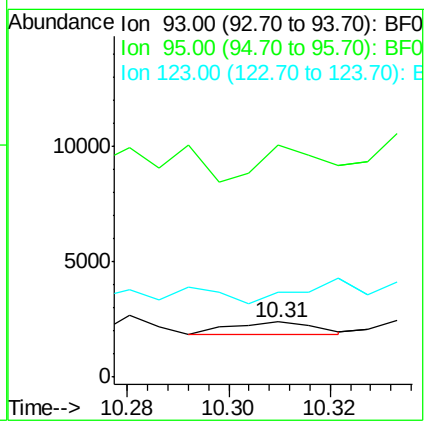


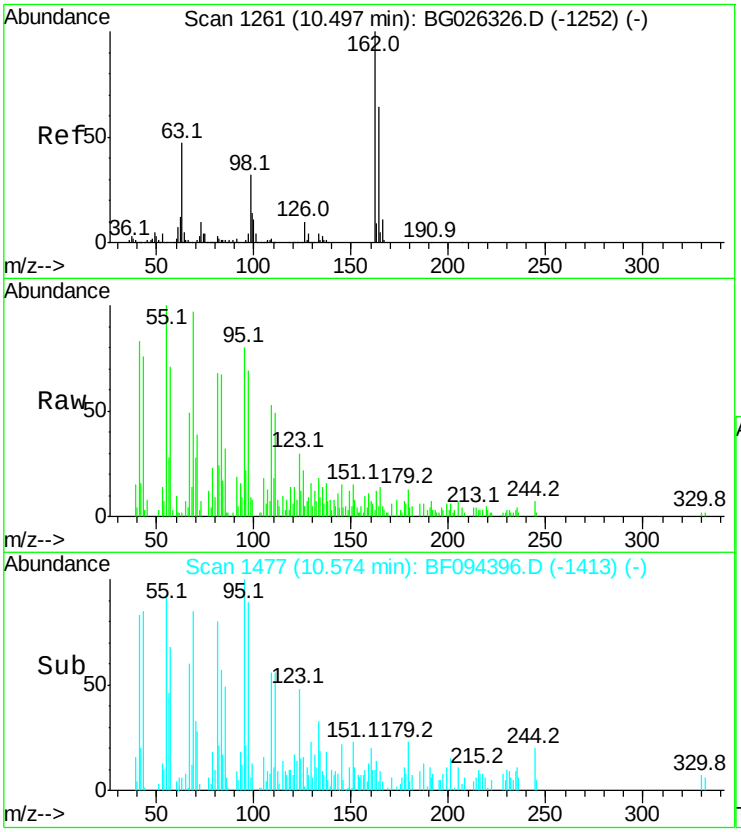




#28
bis(2-Chloroethoxy)methane
Concen: 36.01 ng
RT: 10.31 min Scan# 1432
Delta R.T. 0.07 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 93 Resp: 602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 422.9 | 25.7 | 38.5# |
| 123 | 154.5 | 8.3 | 12.5# |



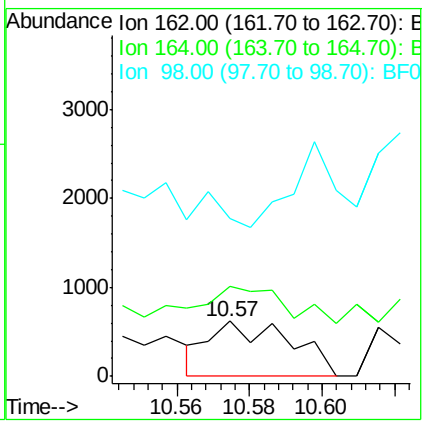


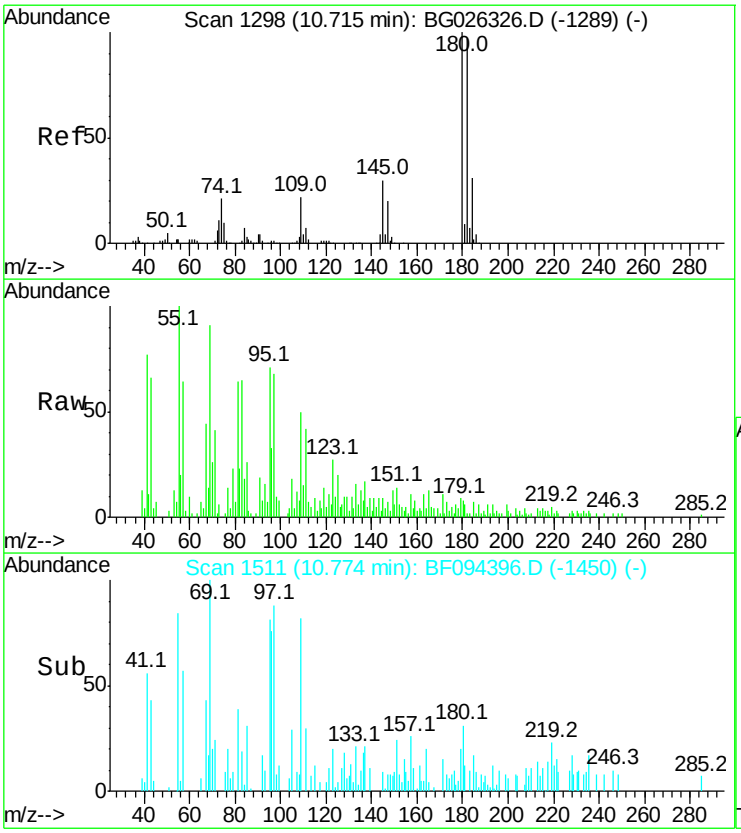

#29
2,4-Dichlorophenol
Concen: 81.92 ng
RT: 10.57 min Scan# 1477
Delta R.T. 0.08 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:162 Resp: 954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 162.3 | 42.4 | 82.4# |
| 98 | 284.9 | 20.3 | 60.3# |

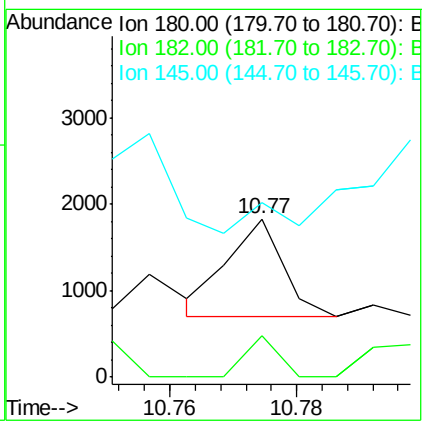


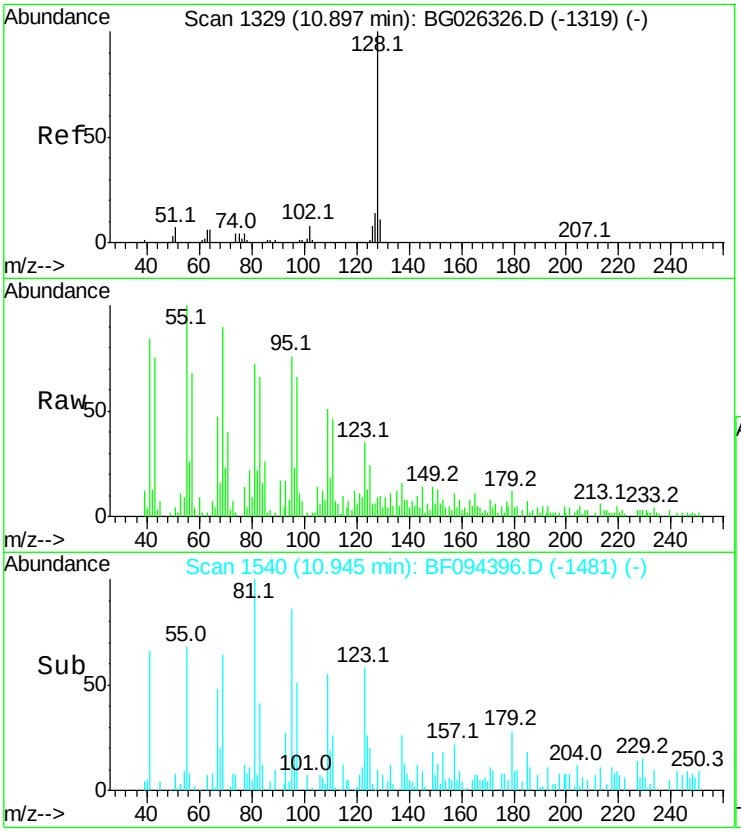




#30
1,2,4-Trichlorobenzene
Concen: 51.52 ng
RT: 10.77 min Scan# 1511
Delta R.T. 0.06 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:180 Resp: 674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 26.4 | 77.0 | 115.4# |
| 145 | 110.3 | 23.4 | 35.0# |



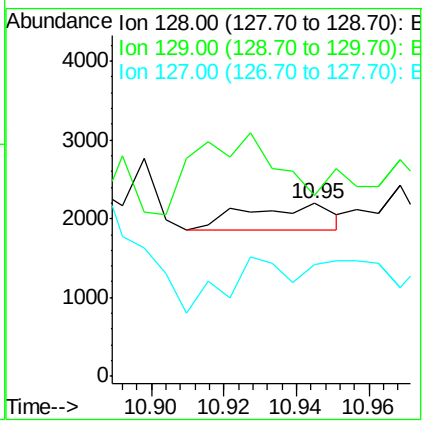


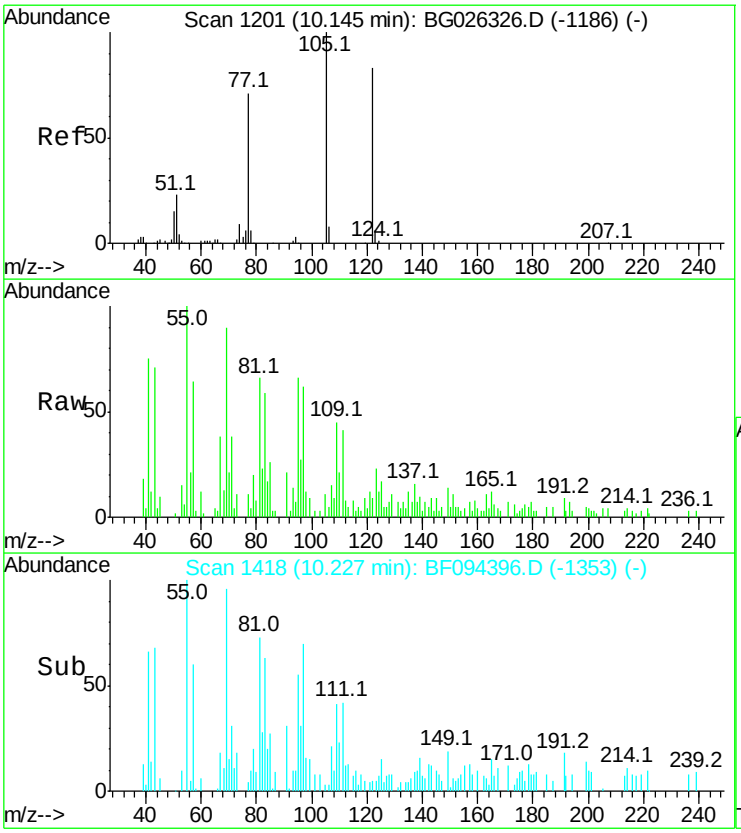

#31
Naphthalene
Concen: 12.89 ng
RT: 10.95 min Scan# 1540
Delta R.T. 0.05 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:128 Resp: 535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 104.6 | 9.3 | 13.9# |
| 127 | 64.3 | 11.4 | 17.0# |

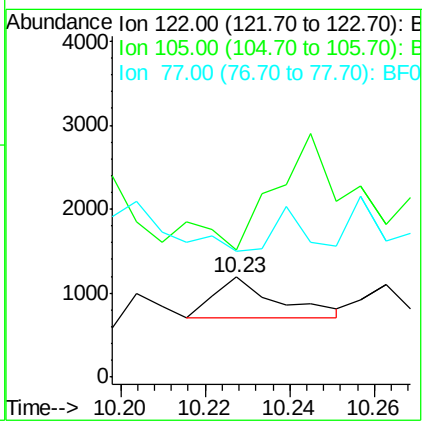


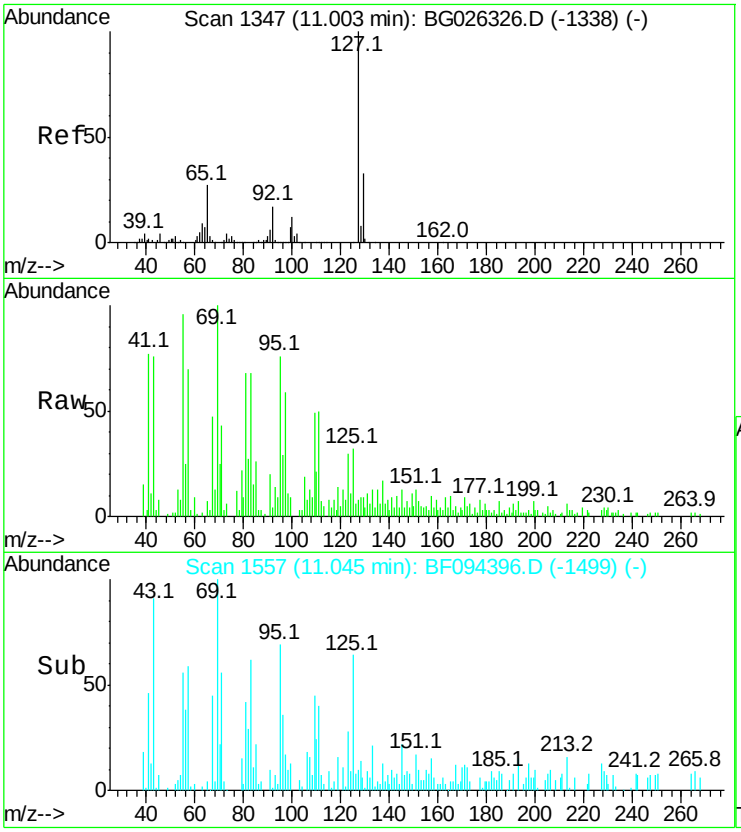




#32
Benzoic acid
Concen: 56.21 ng
RT: 10.23 min Scan# 1418
Delta R.T. 0.08 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:122 Resp: 498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.0 | 120.1 | 160.1 |
| 77 | 125.4 | 104.6 | 144.6 |



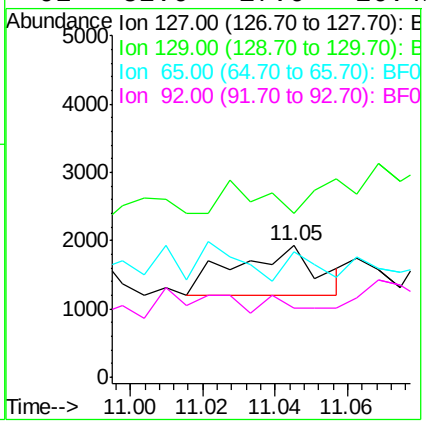


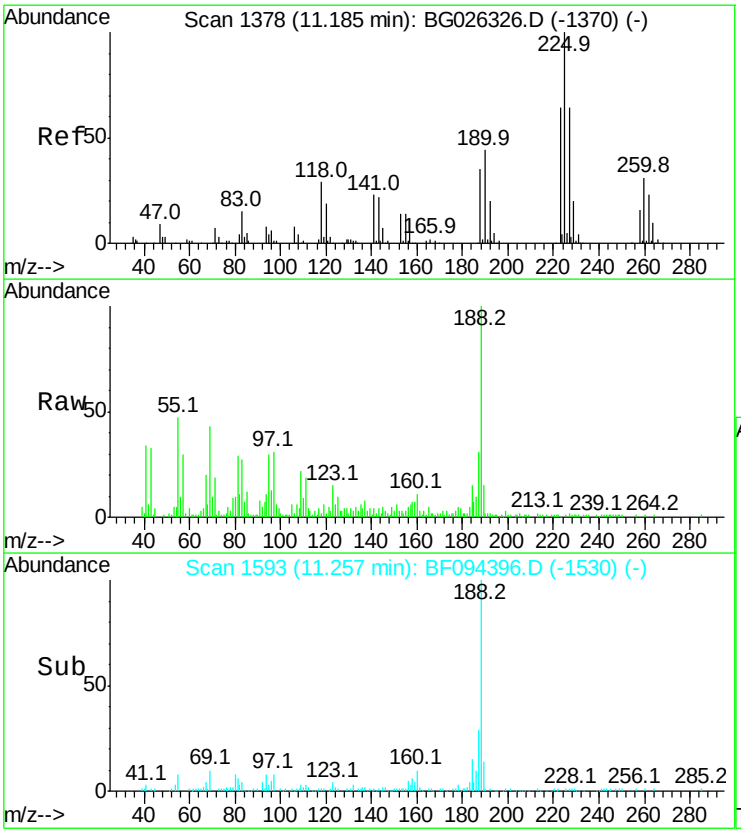

#33
4-Chloroaniline
Concen: 67.46 ng
RT: 11.05 min Scan# 1557
Delta R.T. 0.04 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:127 Resp: 1139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 124.7 | 23.6 | 35.4# |
| 65 | 95.3 | 37.7 | 56.5# |
| 92 | 52.6 | 17.6 | 26.4# |

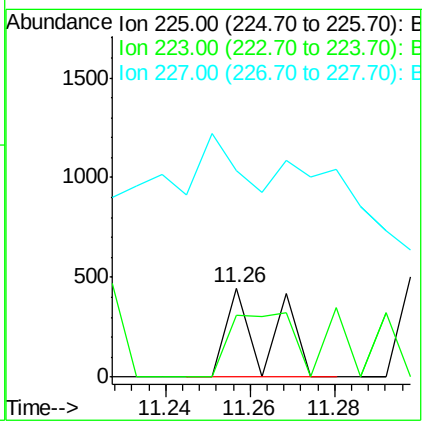


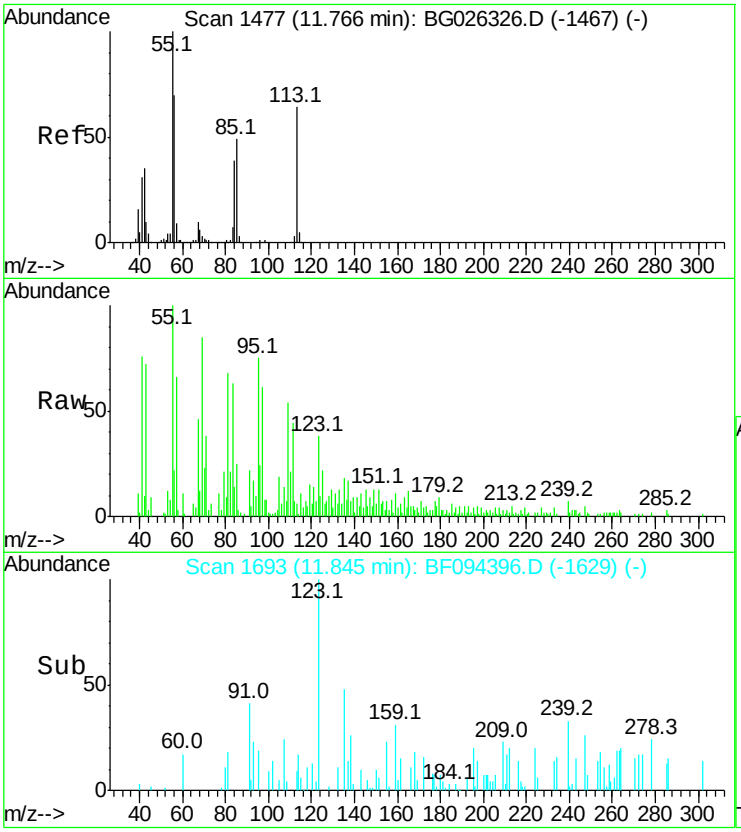




#34
Hexachlorobutadiene
Concen: 39.78 ng
RT: 11.26 min Scan# 1593
Delta R.T. 0.07 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:225 Resp: 307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 69.6 | 50.7 | 76.1 |
| 227 | 232.2 | 49.0 | 73.6# |



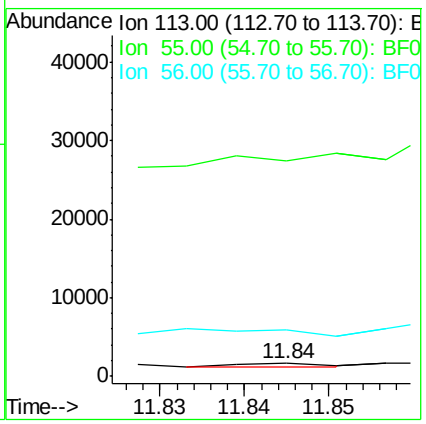


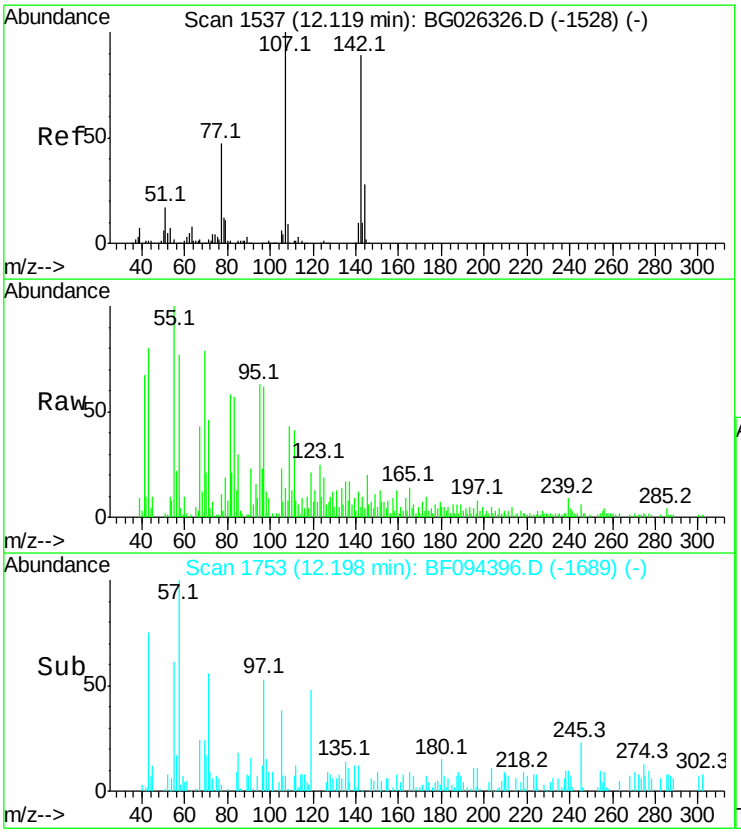

#35
Caprolactam
Concen: 68.22 ng
RT: 11.84 min Scan# 1693
Delta R.T. 0.08 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:113 Resp: 313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 1693.9 | 198.6 | 238.6# |
| 56 | 369.4 | 140.4 | 180.4# |

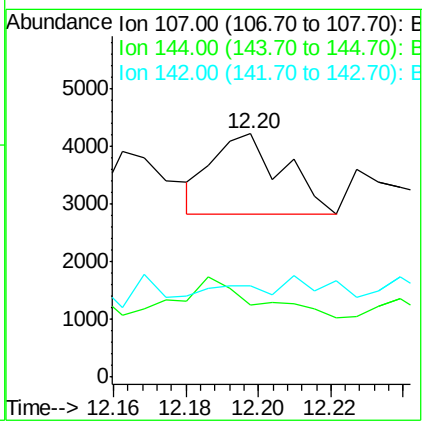


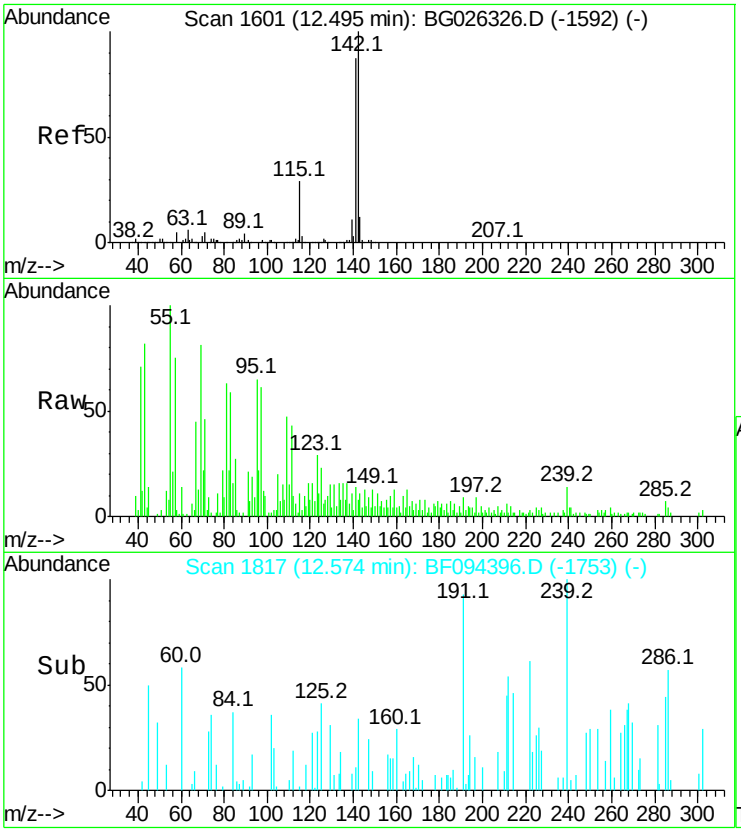




#36
4-Chloro-3-methylphenol
Concen: 152.77 ng
RT: 12.20 min Scan# 1753
Delta R.T. 0.08 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:107 Resp: 1903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 29.5 | 17.4 | 26.0# |
| 142 | 37.3 | 54.1 | 81.1# |



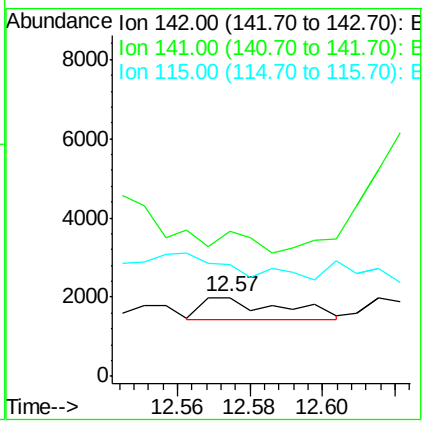


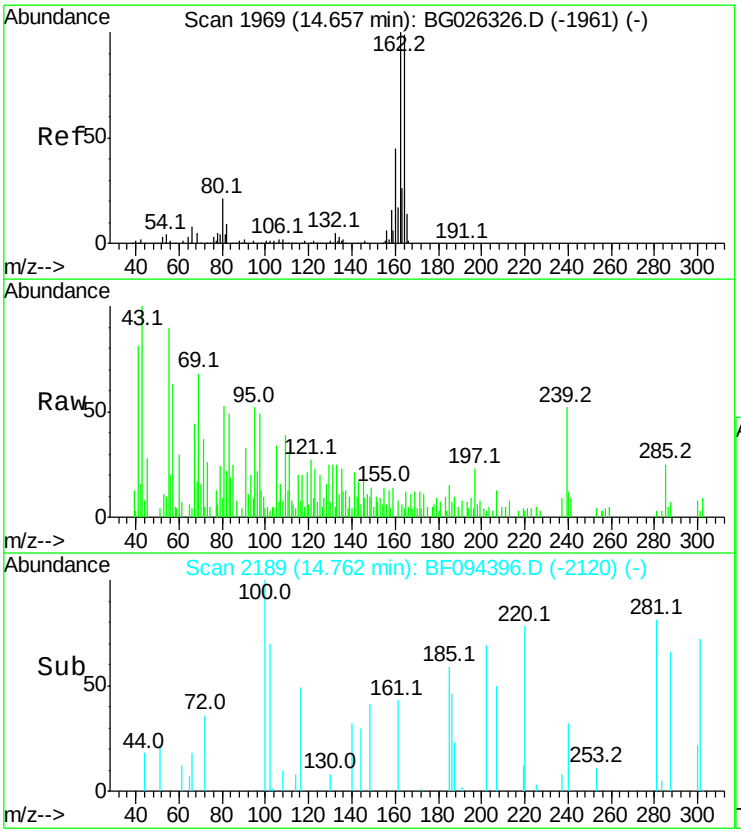

#37
2-Methylnaphthalene
Concen: 27.26 ng
RT: 12.57 min Scan# 1817
Delta R.T. 0.08 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:142 Resp: 829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 183.9 | 70.4 | 105.6# |
| 115 | 143.0 | 35.5 | 53.3# |

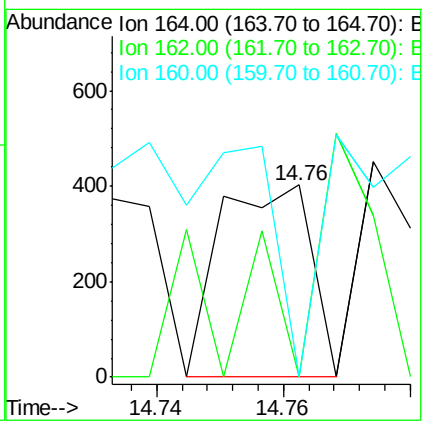


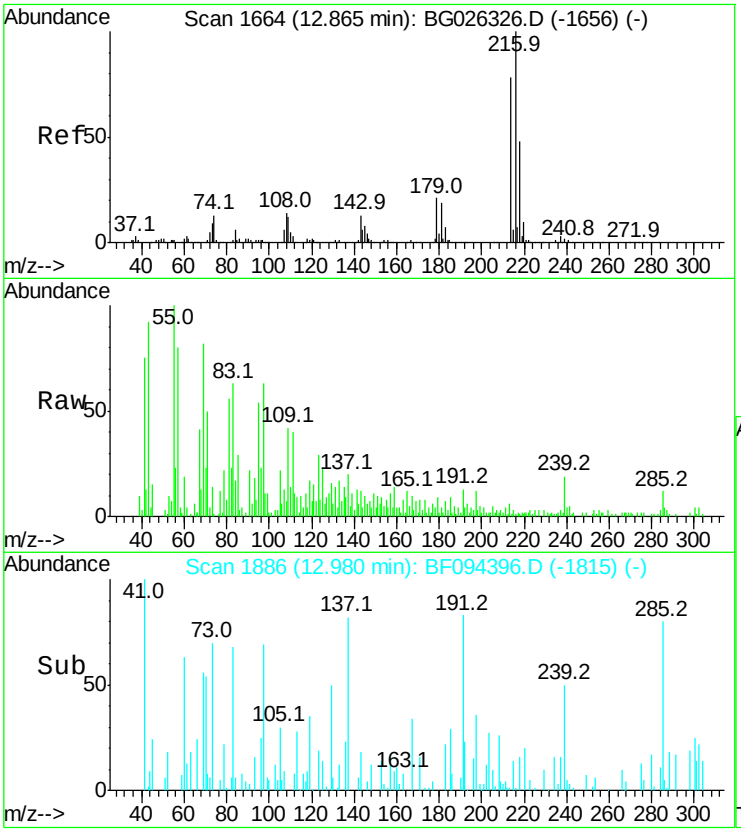




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2189
Delta R.T. 0.11 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:164 Resp: 401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 0.0 | 85.1 | 127.7# |
| 160 | 0.0 | 34.7 | 52.1# |



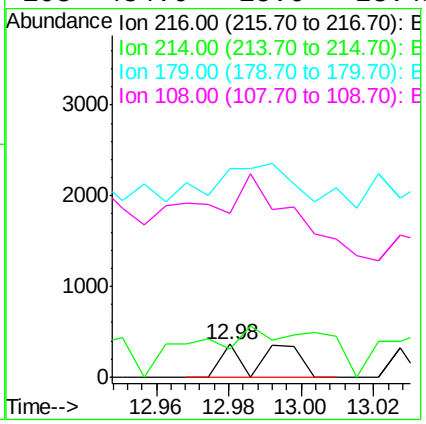


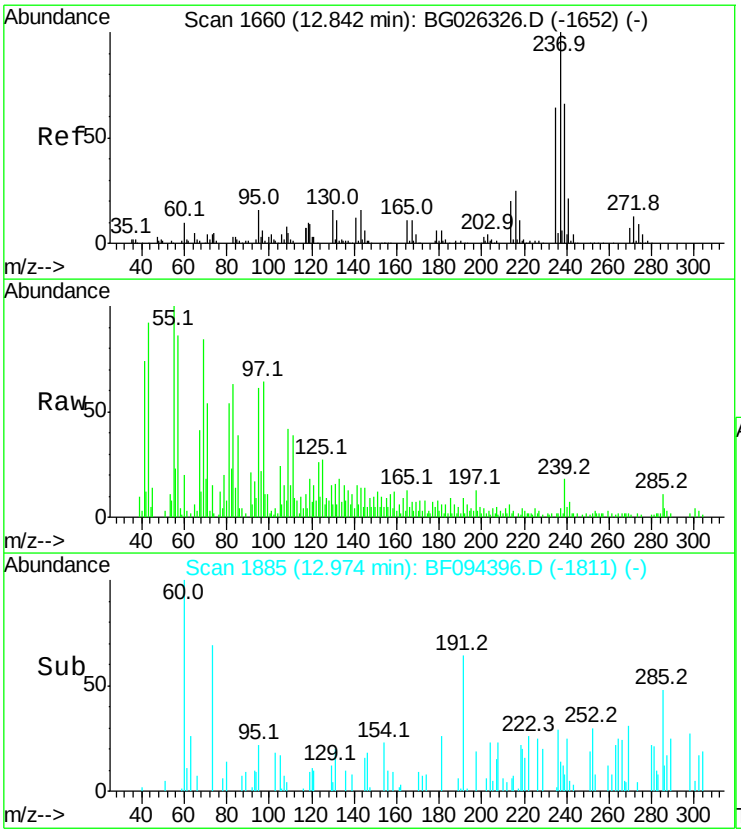

#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.67 ng
RT: 12.98 min Scan# 1886
Delta R.T. 0.12 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:216 Resp: 370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 366.5 | 64.4 | 96.6# |
| 179 | 168.4 | 17.4 | 26.0# |
| 108 | 484.6 | 15.6 | 23.4# |

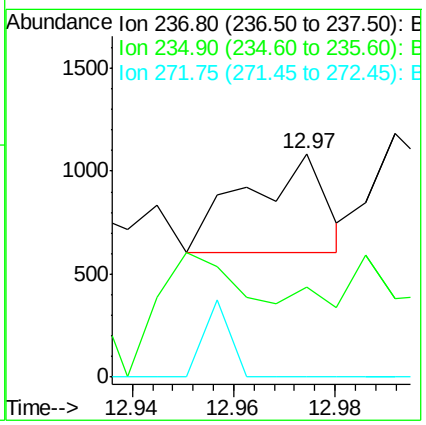


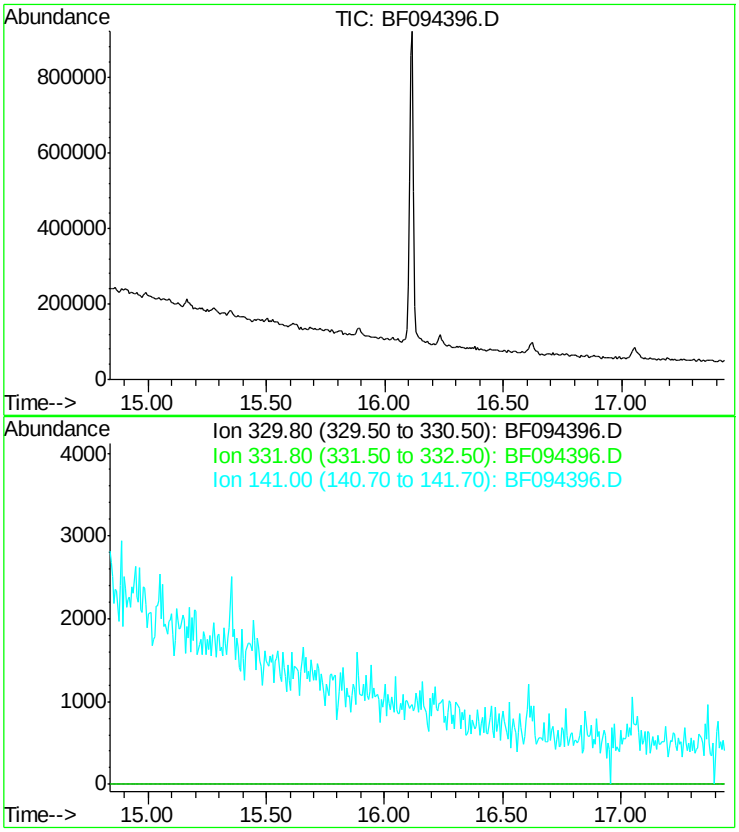




#40
Hexachlorocyclopentadiene
Concen: 82.19 ng
RT: 12.97 min Scan# 1885
Delta R.T. 0.13 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:237 Resp: 522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 40.2 | 39.4 | 79.4 |
| 272 | 0.0 | 0.0 | 32.0 |





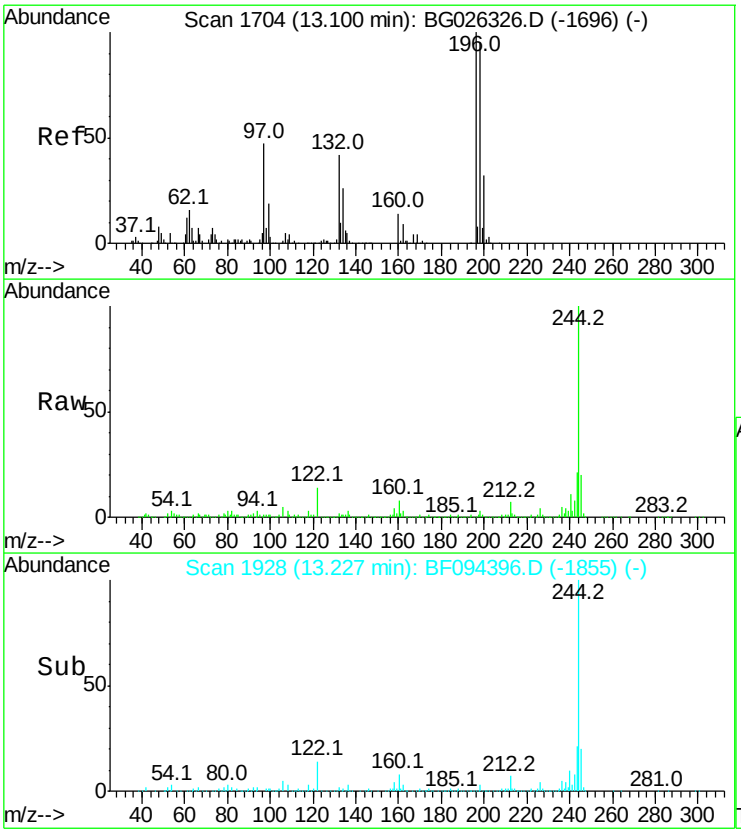

#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.14 min

Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 330

| Sig | Exp | Ratio |
|---|---|---|
| 330 | | 100 |
| 332 | | 96.6 |
| 141 | | 40.1 |

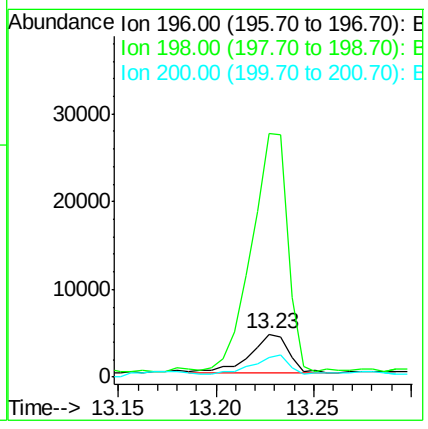
**Instrument :**
BNA_F
**ClientSampleId :**

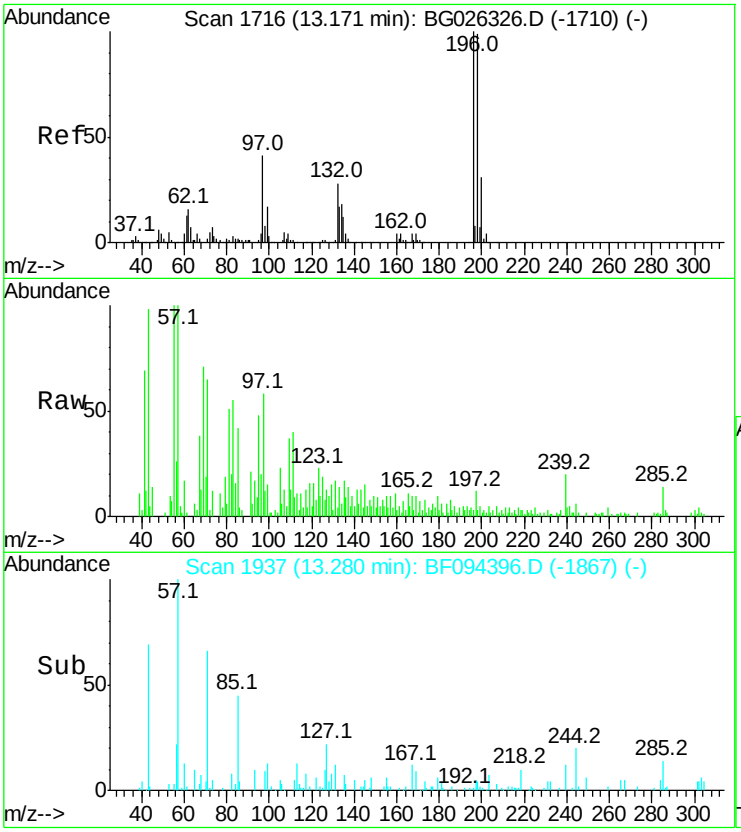



#42
2,4,6-Trichlorophenol
Concen: 761.42 ng
RT: 13.23 min Scan# 1928
Delta R.T. 0.13 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:196 Resp: 6015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 563.7 | 81.4 | 122.2# |
| 200 | 46.7 | 27.0 | 40.6# |



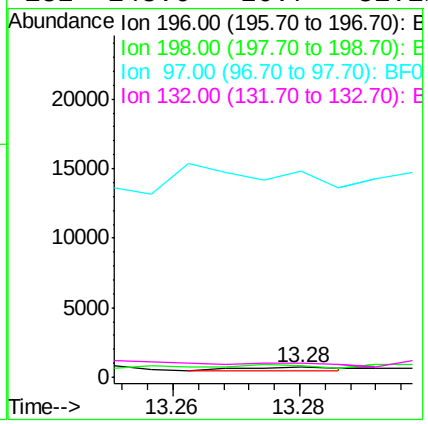


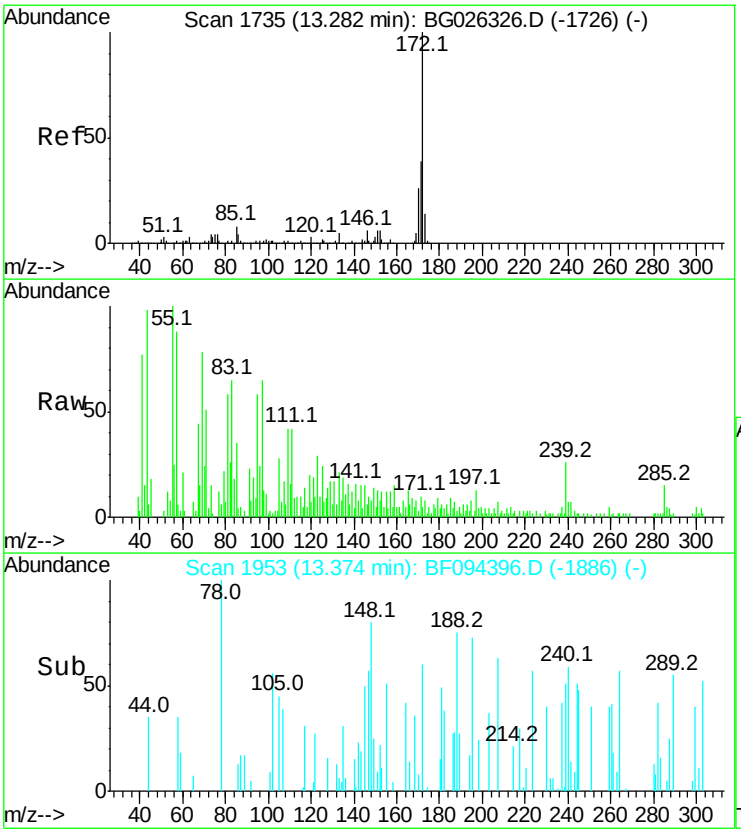

#43
2,4,5-Trichlorophenol
Concen: 25.65 ng
RT: 13.28 min Scan# 1937
Delta R.T. 0.11 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:196 Resp: 224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 125.0 | 79.9 | 119.9# |
| 97 | 2135.6 | 45.4 | 68.0# |
| 132 | 148.6 | 20.7 | 31.1# |

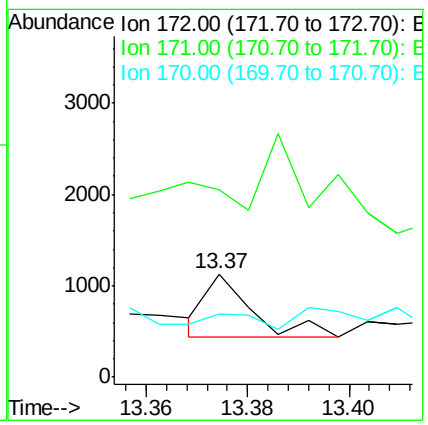


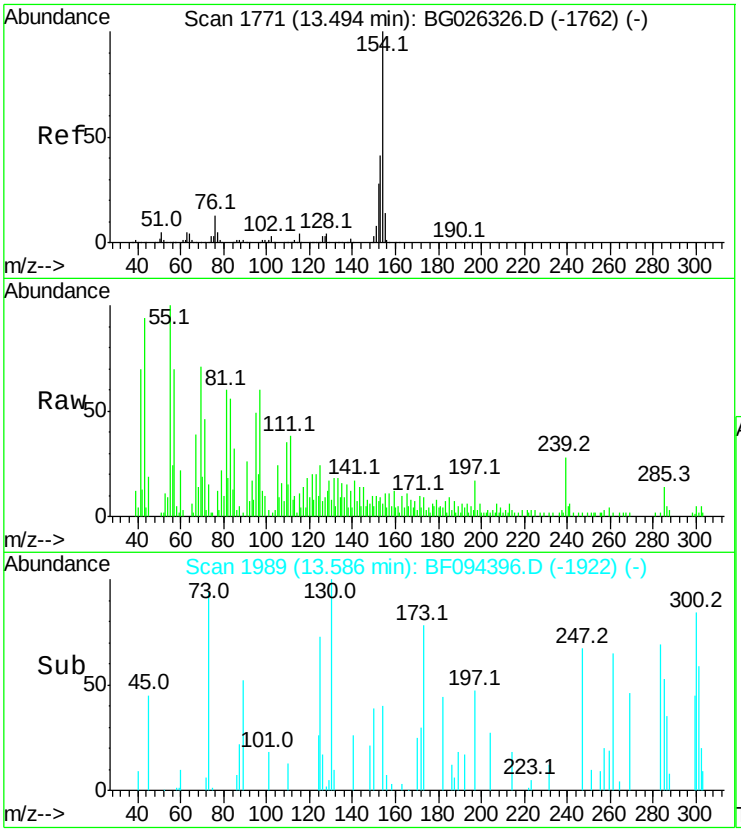




#44
2-Fluorobiphenyl
Concen: 14.83 ng
RT: 13.37 min Scan# 1953
Delta R.T. 0.09 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:172 Resp: 424

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 182.0 | 32.2 | 48.2# |
| 170 | 61.7 | 21.8 | 32.6# |



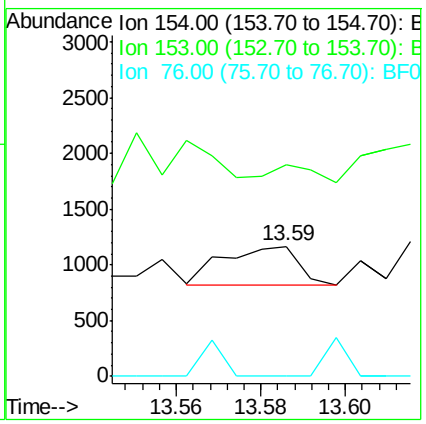


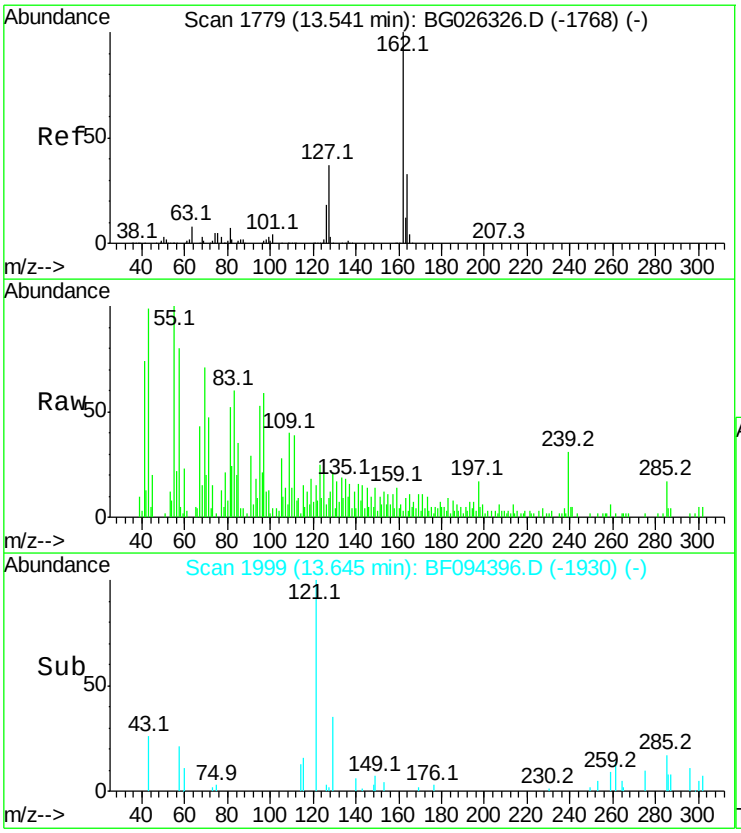

#45
1,1'-Biphenyl
Concen: 13.22 ng
RT: 13.59 min Scan# 1989
Delta R.T. 0.09 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:154 Resp: 439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 163.1 | 23.0 | 63.0# |
| 76 | 0.0 | 0.0 | 33.5 |

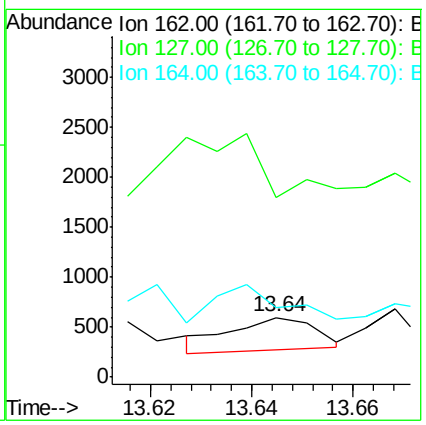


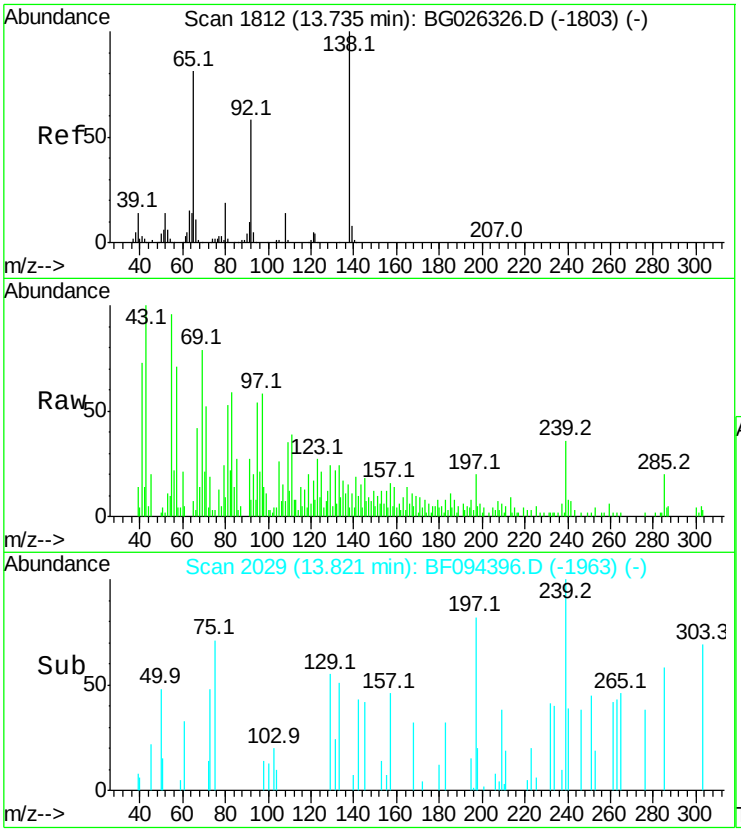




#46
2-Chloronaphthalene
Concen: 15.83 ng
RT: 13.64 min Scan# 1999
Delta R.T. 0.10 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:162 Resp: 384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 299.2 | 32.2 | 48.4# |
| 164 | 116.4 | 27.3 | 40.9# |



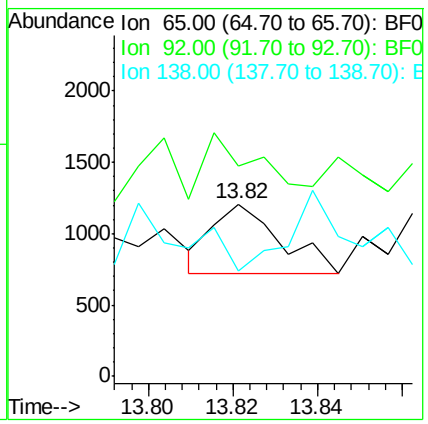


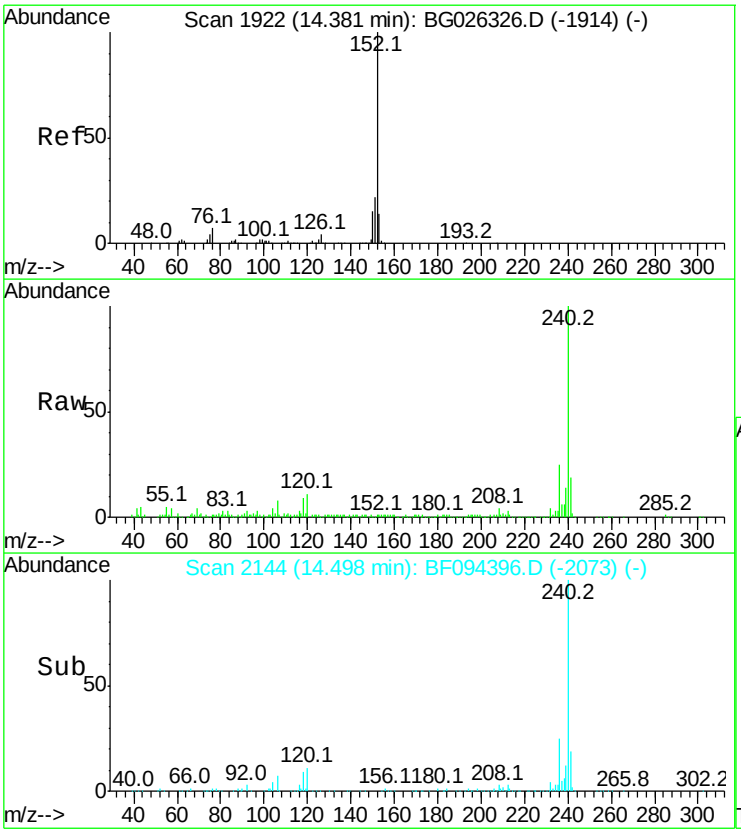

#47
2-Nitroaniline
Concen: 77.71 ng
RT: 13.82 min Scan# 2029
Delta R.T. 0.09 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion: 65 Resp: 536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 122.0 | 49.0 | 73.4# |
| 138 | 61.0 | 58.6 | 87.8 |

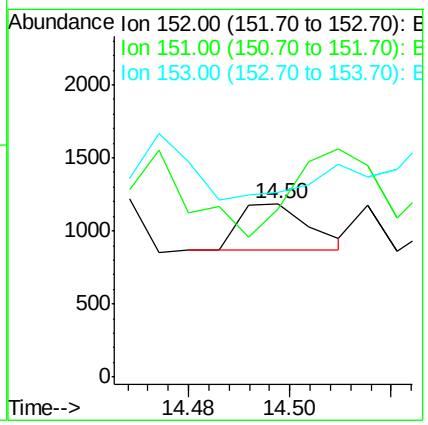


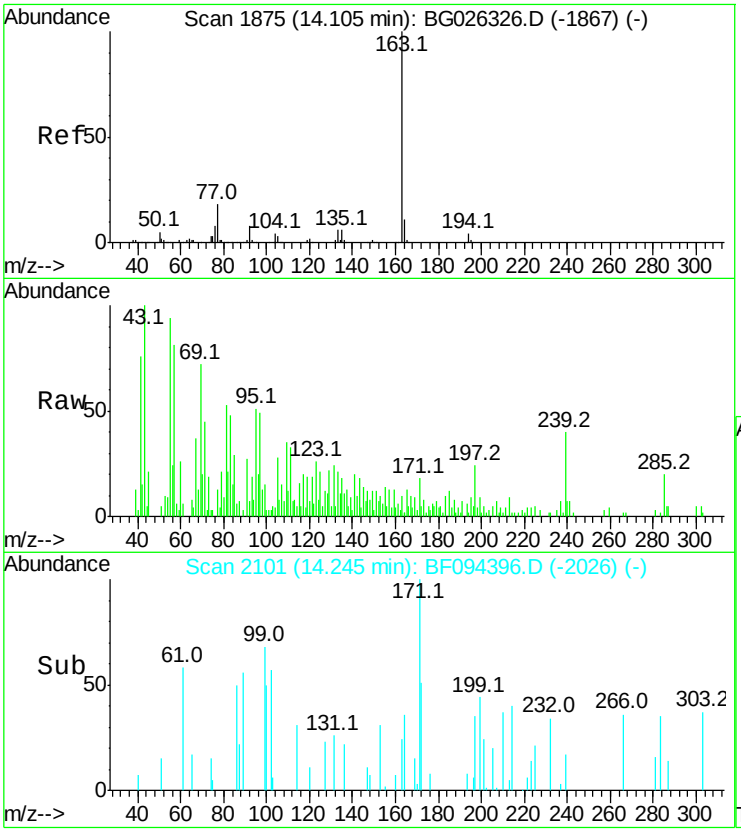




#48
Acenaphthylene
Concen: 7.12 ng
RT: 14.50 min Scan# 2144
Delta R.T. 0.12 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:152 Resp: 301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 97.0 | 18.2 | 27.2# |
| 153 | 106.6 | 11.3 | 16.9# |



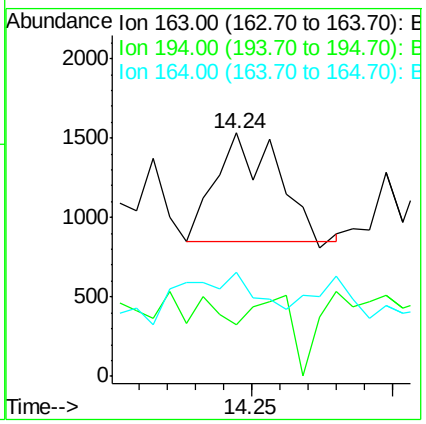


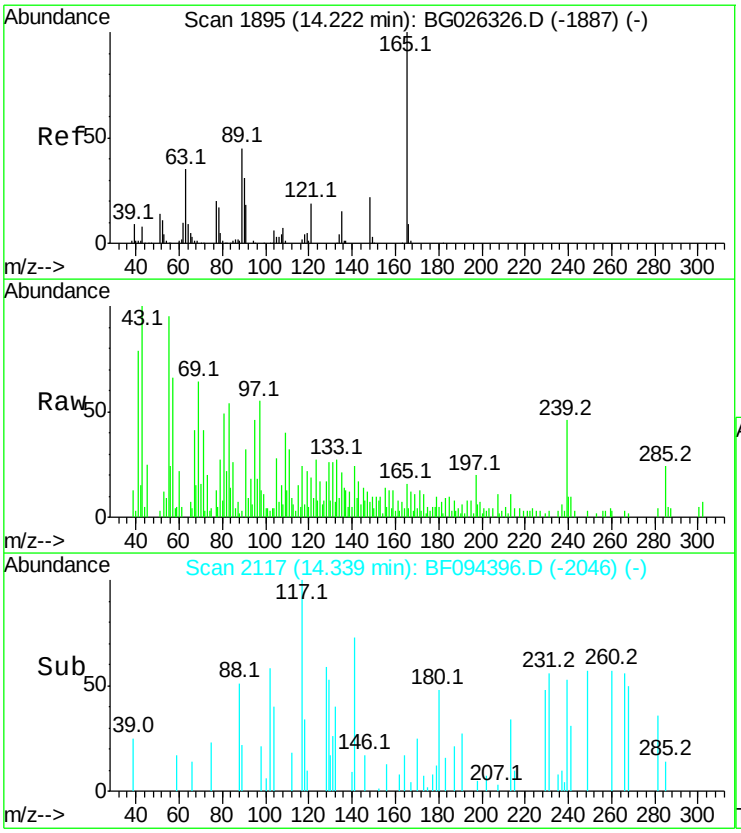

#49
Dimethylphthalate
Concen: 34.29 ng
RT: 14.24 min Scan# 2101
Delta R.T. 0.14 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:163 Resp: 1038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 21.3 | 3.8 | 5.6# |
| 164 | 42.9 | 9.3 | 13.9# |

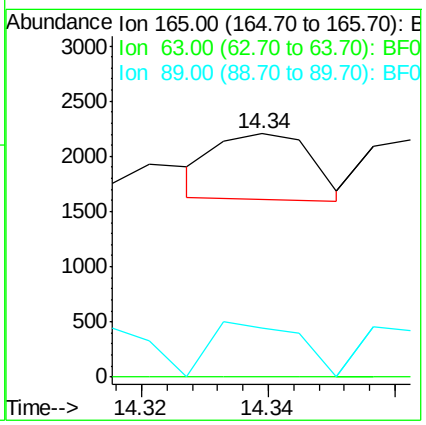


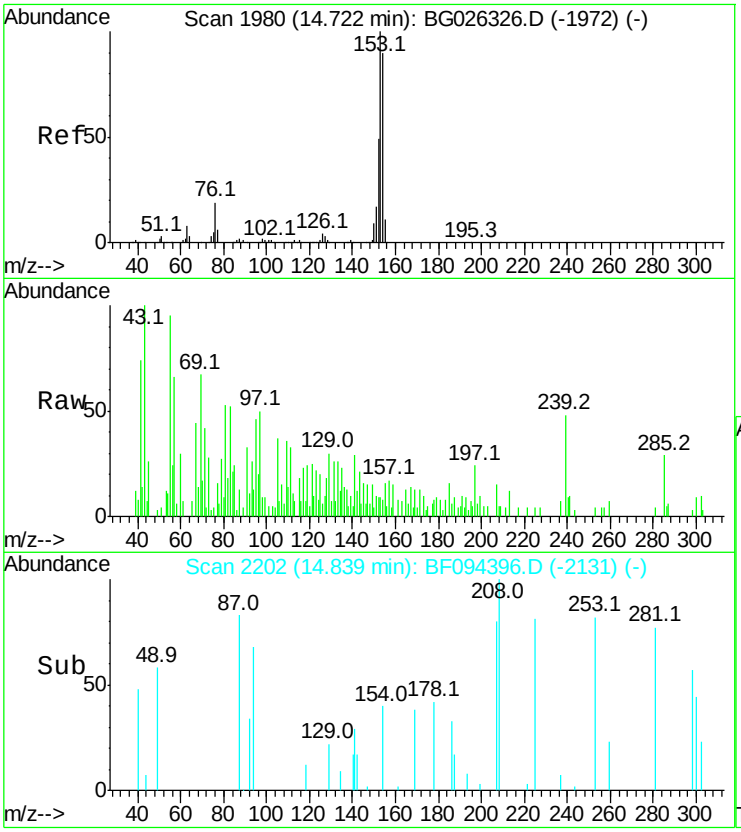




#50
2,6-Dinitrotoluene
Concen: 86.78 ng
RT: 14.34 min Scan# 2117
Delta R.T. 0.12 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:165 Resp: 613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 63.9 | 95.9# |
| 89 | 19.9 | 58.6 | 88.0# |



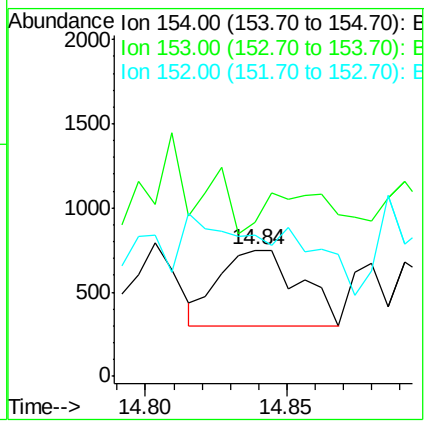


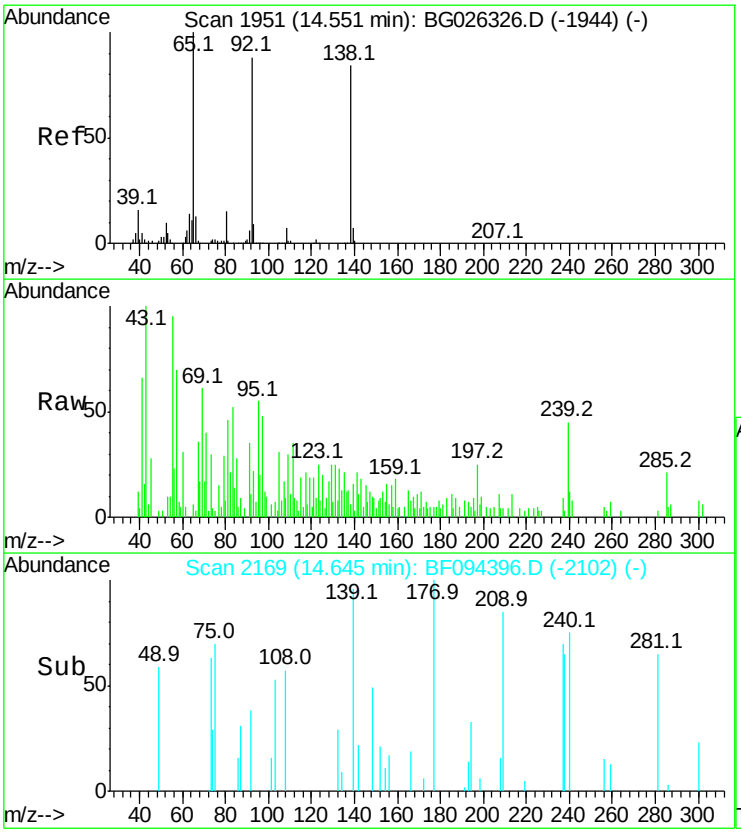

#51
Acenaphthene
Concen: 34.14 ng
RT: 14.84 min Scan# 2202
Delta R.T. 0.12 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:154 Resp: 889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 122.2 | 87.8 | 131.6 |
| 152 | 111.6 | 42.2 | 63.4# |

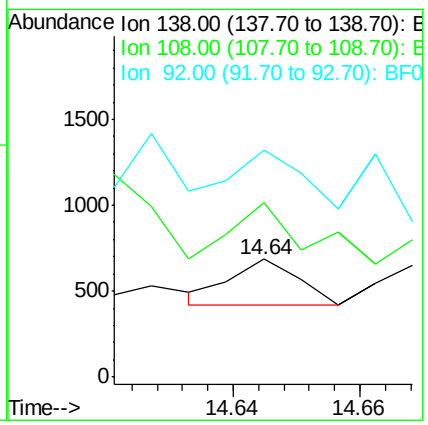


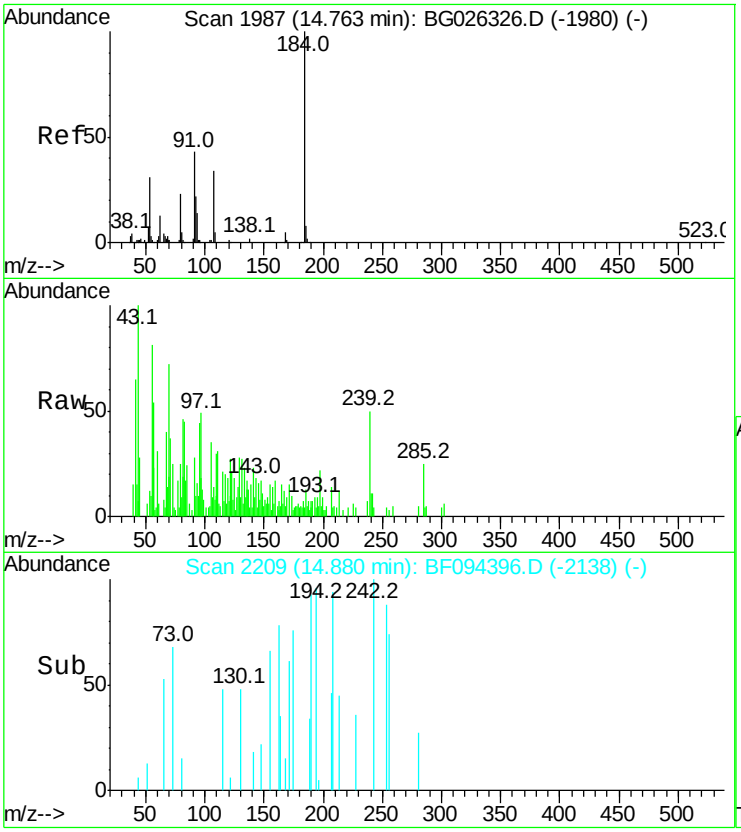




#52
3-Nitroaniline
Concen: 25.07 ng
RT: 14.64 min Scan# 2169
Delta R.T. 0.09 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:138 Resp: 195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 147.8 | 10.9 | 16.3# |
| 92 | 192.1 | 115.3 | 172.9# |



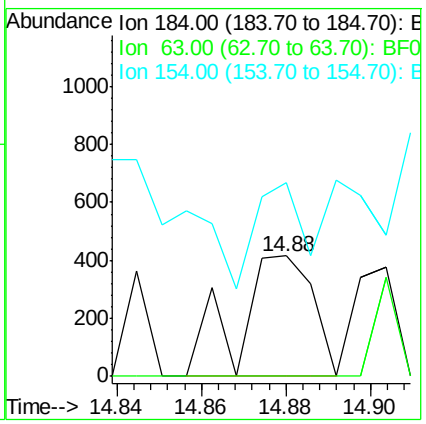


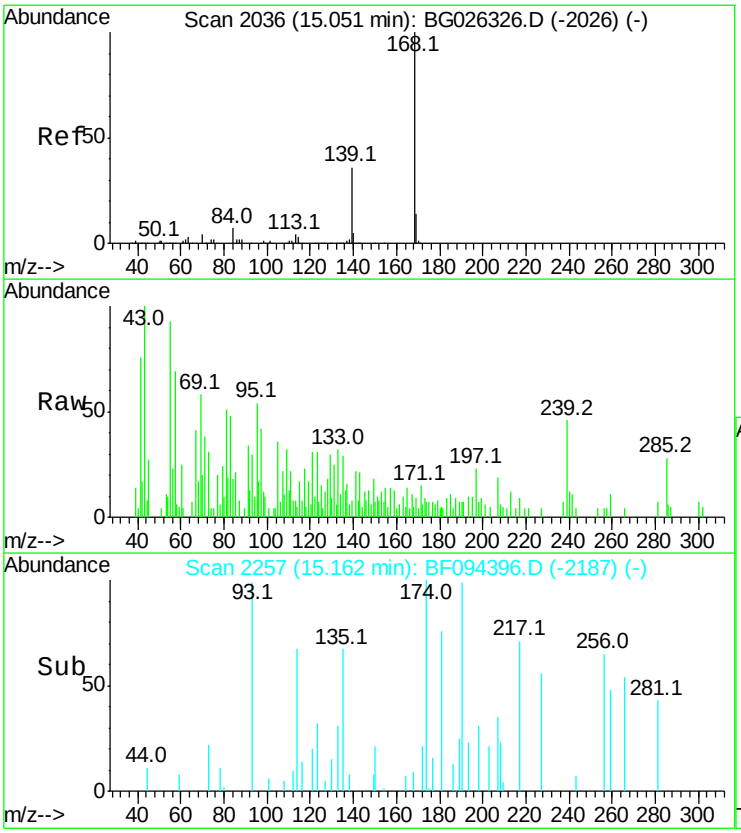

#53
2,4-Dinitrophenol
Concen: 124.94 ng
RT: 14.88 min Scan# 2209
Delta R.T. 0.12 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:184 Resp: 512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 52.7 | 79.1# |
| 154 | 160.8 | 57.3 | 85.9# |

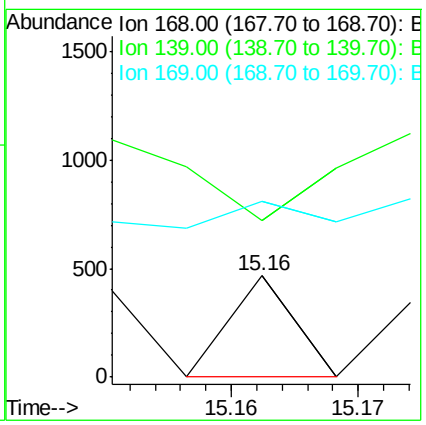


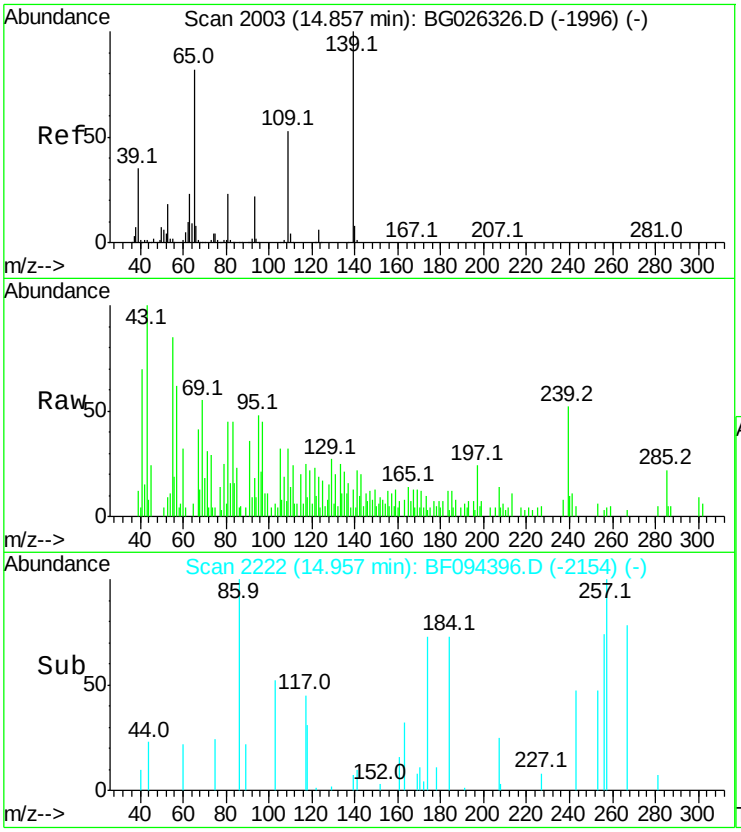




#54
Dibenzofuran
Concen: 4.47 ng
RT: 15.16 min Scan# 2257
Delta R.T. 0.11 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:168 Resp: 164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 155.5 | 35.3 | 52.9# |
| 169 | 174.6 | 11.5 | 17.3# |



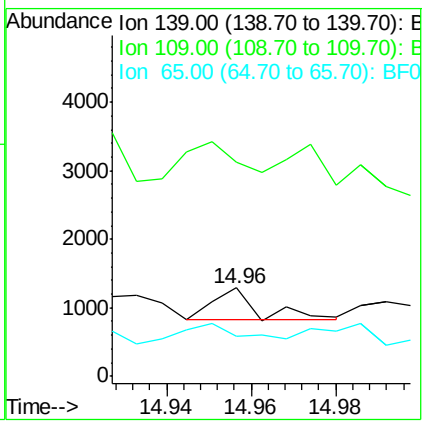


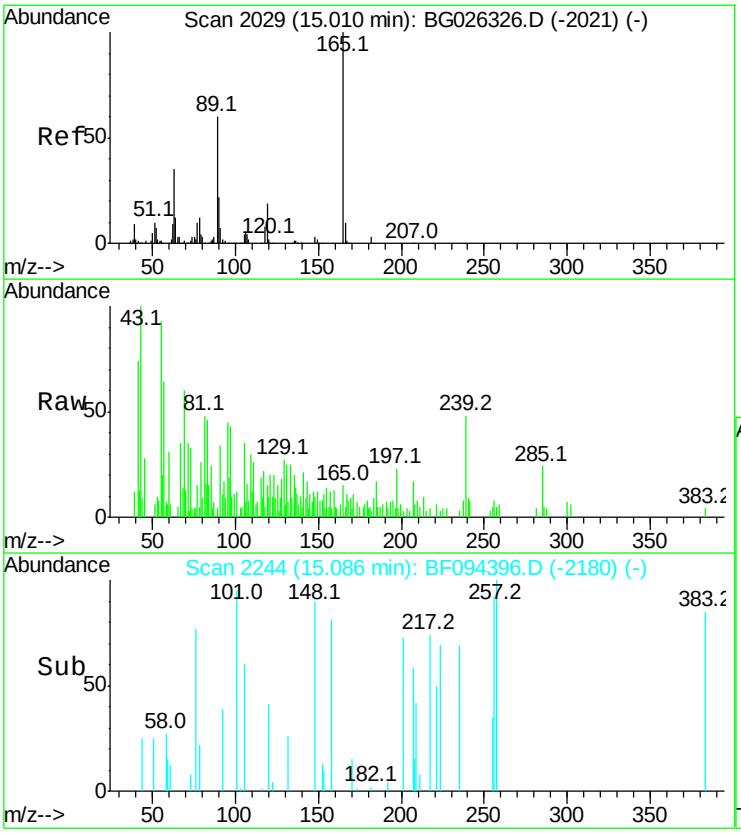

#55
4-Nitrophenol
Concen: 56.83 ng
RT: 14.96 min Scan# 2222
Delta R.T. 0.10 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:139 Resp: 362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 243.5 | 101.2 | 141.2# |
| 65 | 45.3 | 135.3 | 175.3# |

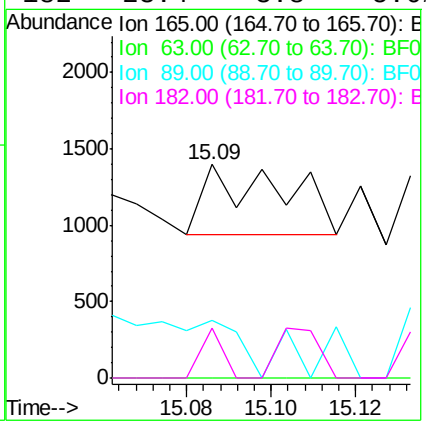


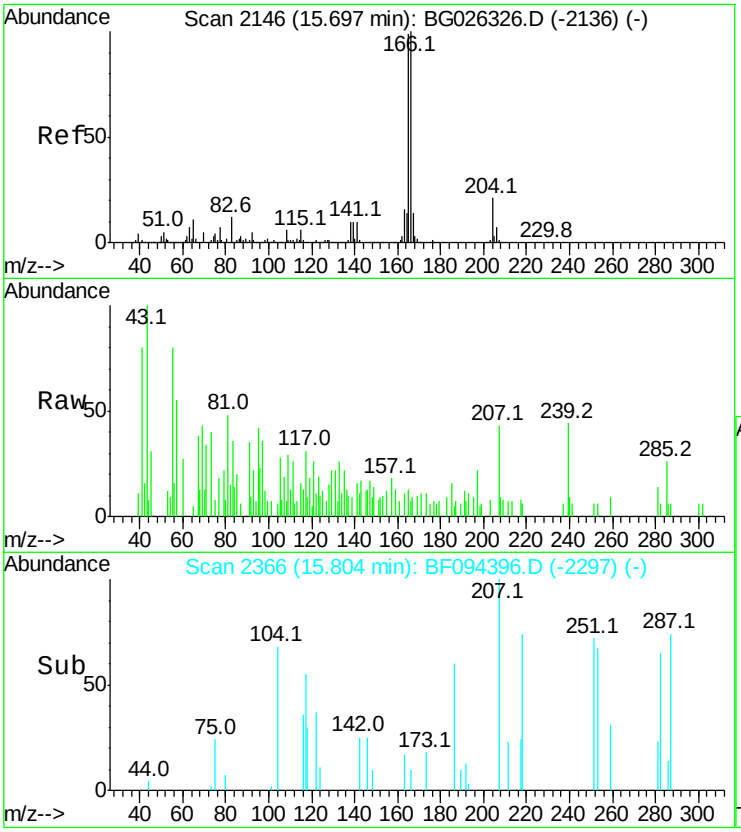




#56
2,4-Dinitrotoluene
Concen: 59.18 ng
RT: 15.09 min Scan# 2244
Delta R.T. 0.08 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:165 Resp: 588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 44.0 | 66.0# |
| 89 | 27.0 | 67.3 | 100.9# |
| 182 | 23.4 | 3.8 | 5.6# |



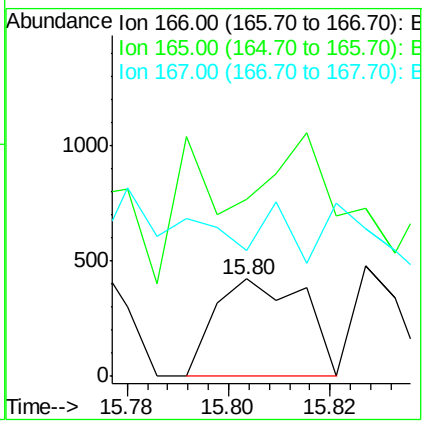


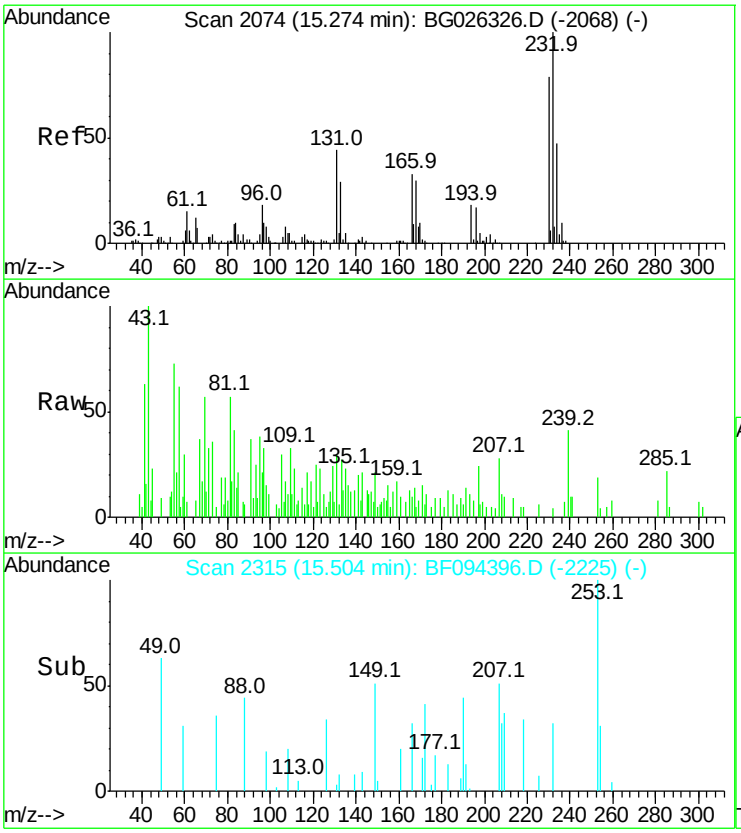

#57
Fluorene
Concen: 15.69 ng
RT: 15.80 min Scan# 2366
Delta R.T. 0.11 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:166 Resp: 512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 182.4 | 78.6 | 117.8# |
| 167 | 129.2 | 11.6 | 17.4# |

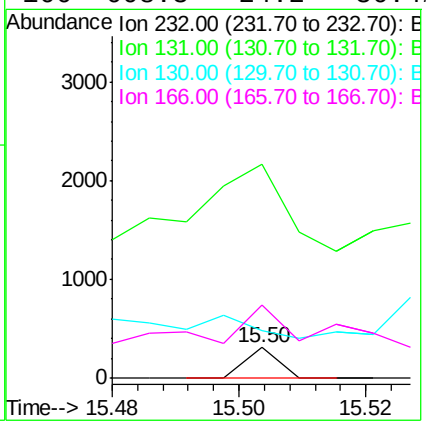


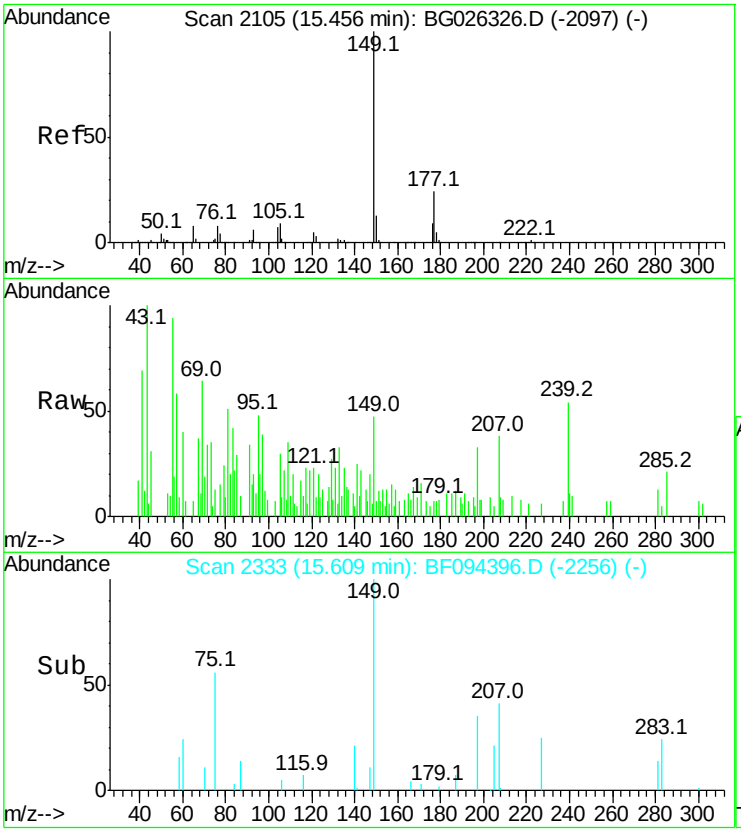




#58
2,3,4,6-Tetrachlorophenol
Concen: 14.31 ng
RT: 15.50 min Scan# 2315
Delta R.T. 0.23 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:232 Resp: 109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 563.3 | 34.9 | 52.3# |
| 130 | 0.0 | 2.3 | 3.5# |
| 166 | 608.3 | 24.2 | 36.4# |



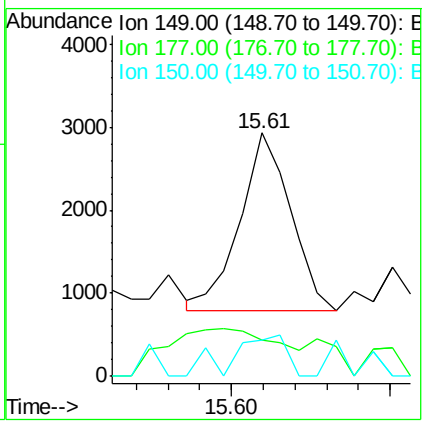


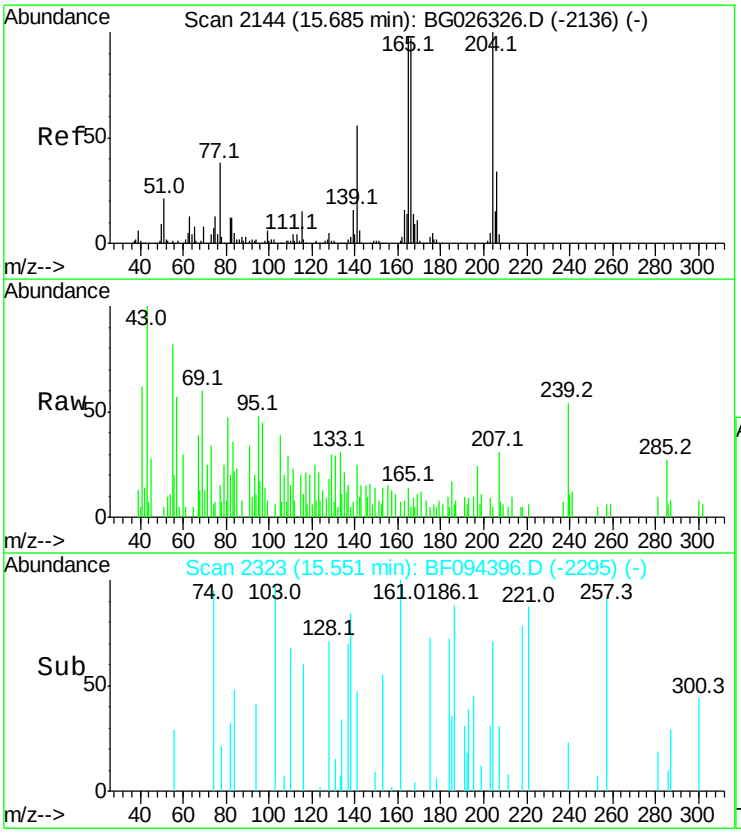

#59
Diethylphthalate
Concen: 76.19 ng
RT: 15.61 min Scan# 2333
Delta R.T. 0.15 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:149 Resp: 2357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 15.1 | 20.1 | 30.1# |
| 150 | 14.8 | 10.2 | 15.2 |

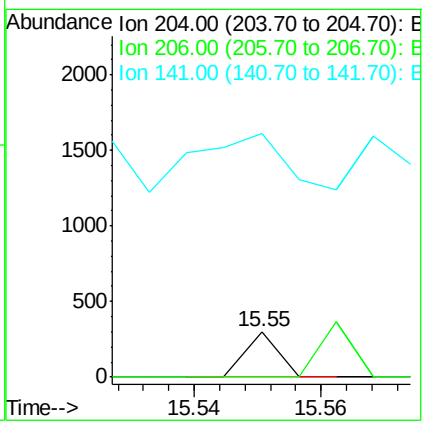


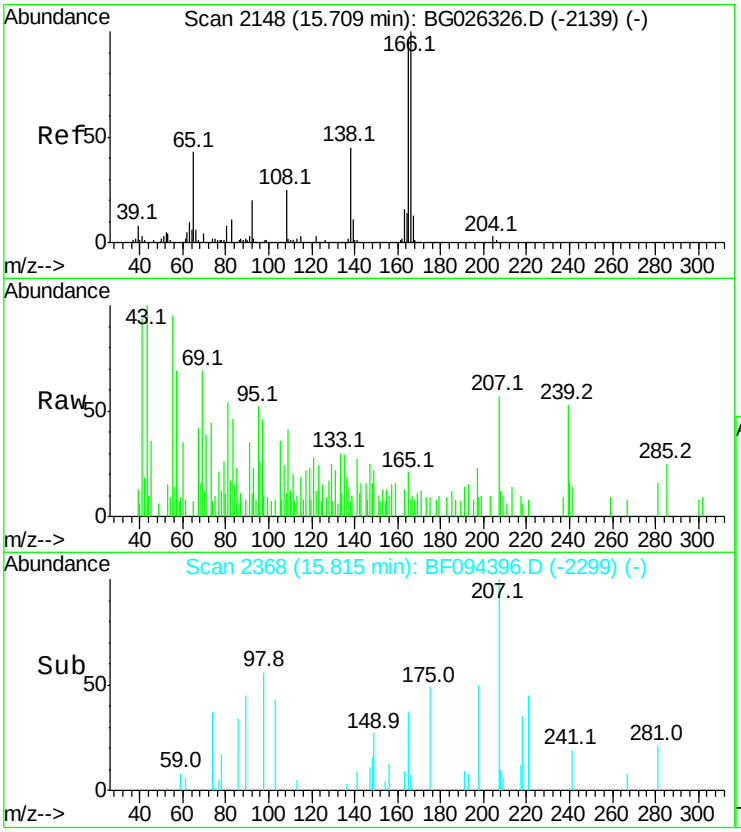




#60
4-Chlorophenyl-phenylether
Concen: 6.92 ng
RT: 15.55 min Scan# 2323
Delta R.T. -0.13 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion:204 Resp: 107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 0.0 | 30.1 | 45.1# |
| 141 | 533.4 | 50.6 | 76.0# |



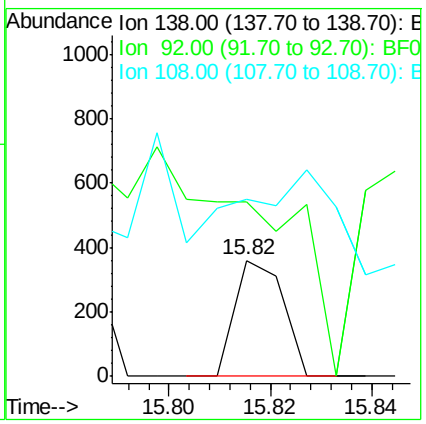


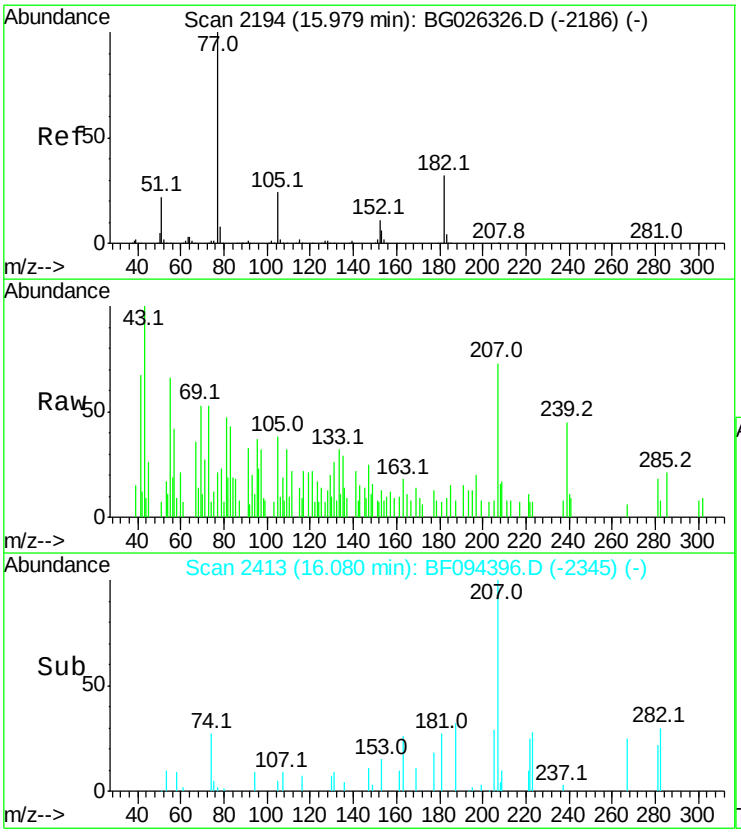

#61
4-Nitroaniline
Concen: 28.80 ng
RT: 15.82 min Scan# 2368
Delta R.T. 0.11 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion:138 Resp: 237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 150.6 | 44.2 | 84.2# |
| 108 | 152.5 | 104.8 | 144.8# |

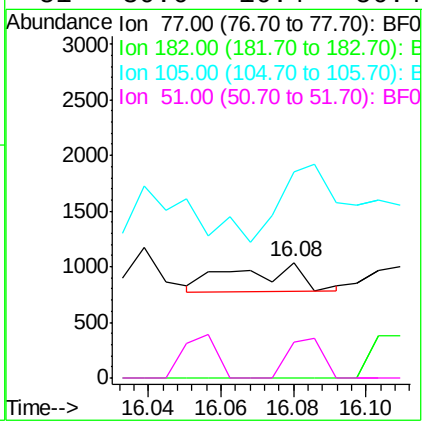


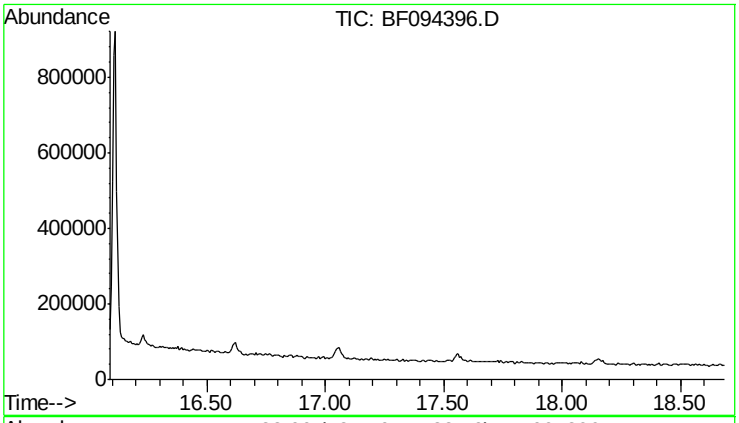




#62
Azobenzene
Concen: 13.64 ng
RT: 16.08 min Scan# 2413
Delta R.T. 0.10 min
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 77 Resp: 343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 4.7 | 44.7# |
| 105 | 177.7 | 0.0 | 36.3# |
| 51 | 30.6 | 16.4 | 56.4 |





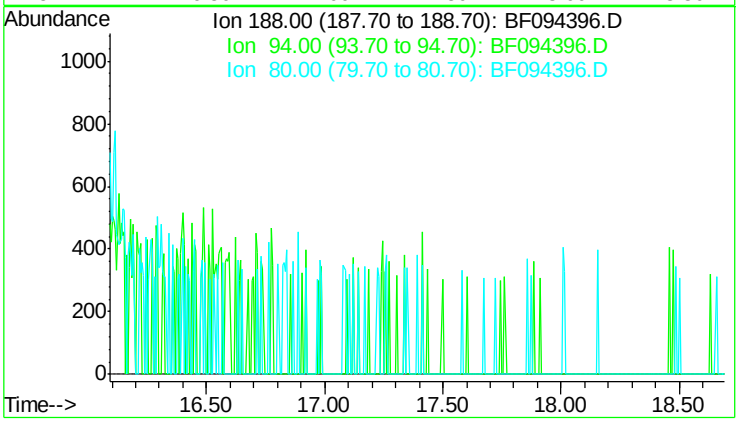

#63
Phenanthrene-d10
Concen: 0.00 ng
Expected RT: 17.39 min

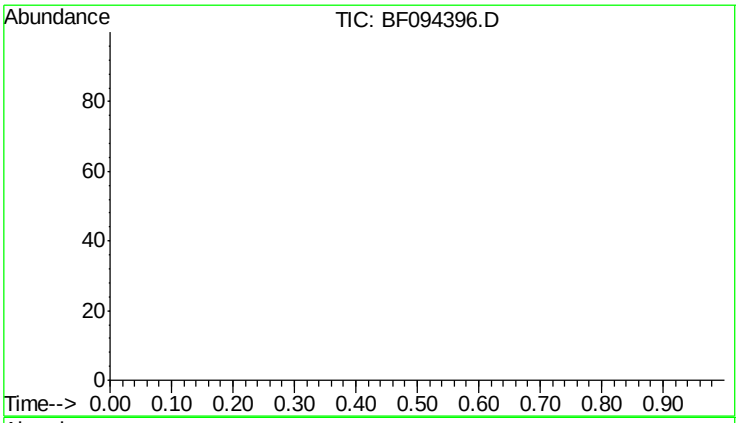
Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

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

Tgt Ion: 188

| Sig | Exp Ratio |
|---|---|
| 188 | 100 |
| 94 | 7.3 |
| 80 | 9.4 |



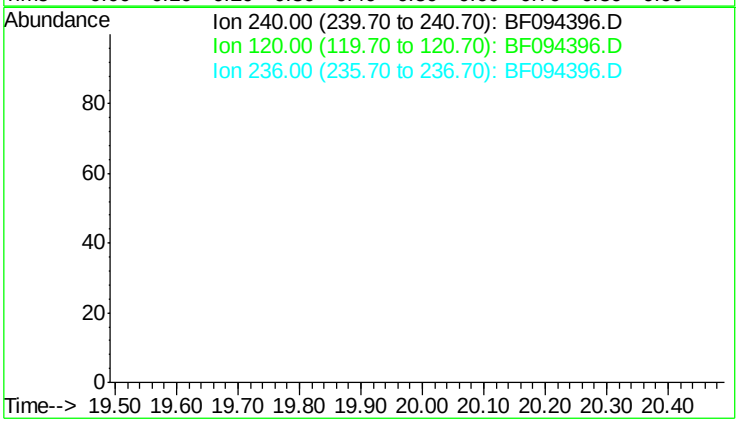



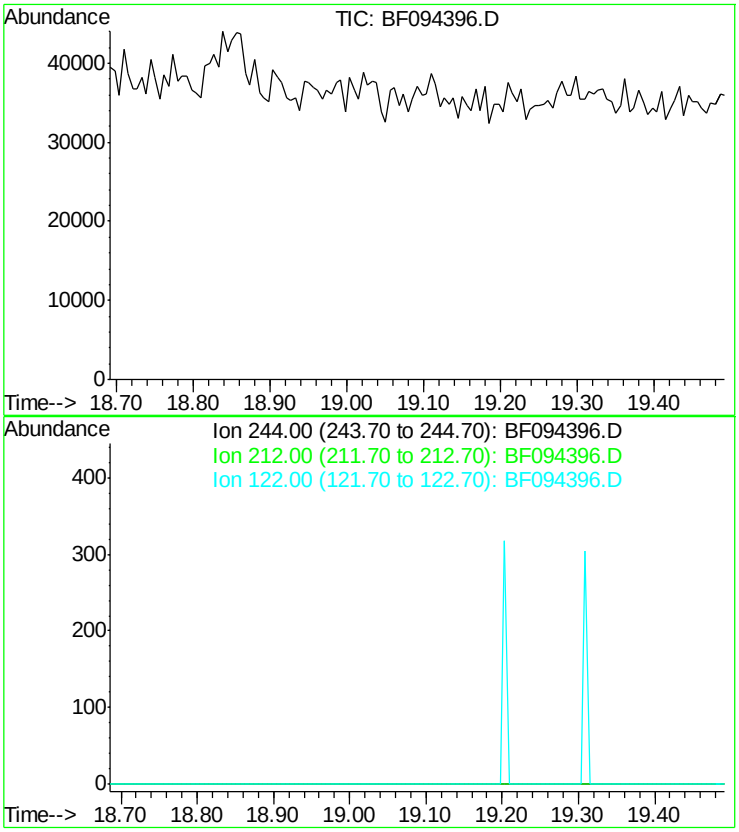

#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 21.64 min

Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 240

| Sig | Exp Ratio |
|---|---|
| 240 | 100 |
| 120 | 7.1 |
| 236 | 27.8 |





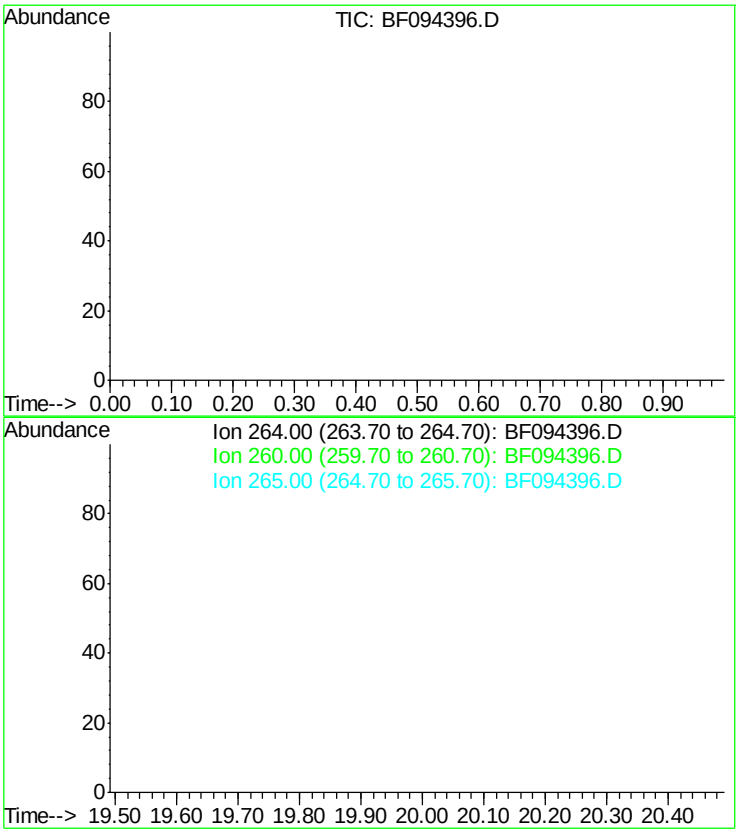

#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 19.99 min

Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 244

| Sig | Exp Ratio |
|---|---|
| 244 | 100 |
| 212 | 12.5 |
| 122 | 10.7 |

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




#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 24.82 min

Lab File: BF094396.D
Acq: 13 Apr 2017 17:55

Tgt Ion: 264

| Sig | Exp Ratio |
|---|---|
| 264 | 100 |
| 260 | 27.3 |
| 265 | 22.8 |