Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098966.D
Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 30 23:26:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.92 | 152 | 133683 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.22 | 136 | 194819 | 20.00 | ng | | 0.01 |
| 38) Acenaphthene-d10 | 9.96 | 164 | 202355 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.46 | 188 | 185891 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 14.14 | 240 | 107510 | 20.00 | ng | | 0.05 |
| 86) Perylene-d12 | 15.64 | 264 | 206175 | 20.00 | ng | | 0.06 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.52 | 112 | 106517 | 12.68 | ng | | -0.02 |
| 7) Phenol-d6 | 6.53 | 99 | 128769 | 12.43 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.48 | 82 | 84447 | 27.80 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.76 | 330 | 13461 | 8.13 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 9.27 | 172 | 151683 | 12.51 | ng | | -0.01 |
| 78) Terphenyl-d14 | 13.04 | 244 | 89904 | 19.02 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.47 | 77 | 88656 | 14.753 | ng | # | 1 |
| 10) Phenol | 6.55 | 94 | 37379 | 3.226 | ng | | 94 |
| 18) Hexachloroethane | 7.45 | 117 | 122452 | 33.619 | ng | # | 1 |
| 20) 3+4-Methylphenols | 7.31 | 107 | 43550 | 4.424 | ng | # | 88 |
| 22) Acetophenone | 7.31 | 105 | 55747 | 11.810 | ng | # | 69 |
| 24) Nitrobenzene | 7.53 | 77 | 41121 | 11.933 | ng | # | 5 |
| 31) Naphthalene | 8.23 | 128 | 15489037 | 1692.807 | ng | | 97 |
| 33) 4-Chloroaniline | 8.24 | 127 | 1584367 | 414.647 | ng | # | 34 |
| 35) Caprolactam | 8.70 | 113 | 3234 | 3.752 | ng | # | 1 |
| 37) 2-Methylnaphthalene | 8.93 | 142 | 4929081 | 828.668 | ng | | 97 |
| 45) 1,1'-Biphenyl | 9.39 | 154 | 2367734 | 136.146 | ng | | 98 |
| 47) 2-Nitroaniline | 9.48 | 65 | 24417 | 6.107 | ng | # | 28 |
| 48) Acenaphthylene | 9.83 | 152 | 1223962 | 61.231 | ng | # | 91 |
| 50) 2,6-Dinitrotoluene | 9.65 | 165 | 23512 | 7.071 | ng | # | 1 |
| 51) Acenaphthene | 10.00 | 154 | 2583556 | 204.038 | ng | | 99 |
| 53) 2,4-Dinitrophenol | 10.04 | 184 | 121 | 5.893 | ng | # | 1 |
| 54) Dibenzofuran | 10.19 | 168 | 4628603 | 274.546 | ng | | 92 |
| 55) 4-Nitrophenol | 10.19 | 139 | 1927723 | 588.044 | ng | # | 10 |
| 56) 2,4-Dinitrotoluene | 10.27 | 165 | 73879 | 17.121 | ng | # | 60 |
| 57) Fluorene | 10.55 | 166 | 3898700 | 287.713 | ng | | 99 |
| 61) 4-Nitroaniline | 10.55 | 138 | 46655 | 12.474 | ng | # | 24 |
| 62) Azobenzene | 10.67 | 77 | 75161 | 5.477 | ng | # | 1 |
| 65) n-Nitrosodiphenylamine | 10.63 | 169 | 62910 | 9.769 | ng | # | 1 |
| 70) Phenanthrene | 11.49 | 178 | 9314032 | 936.061 | ng | | 99 |
| 71) Anthracene | 11.56 | 178 | 4236004 | 416.071 | ng | | 97 |
| 72) Carbazole | 11.70 | 167 | 2227610 | 223.432 | ng | | 98 |
| 74) Fluoranthene | 12.69 | 202 | 4749565 | 471.387 | ng | | 97 |
| 77) Pyrene | 12.96 | 202 | 2453147 | 299.236 | ng | | 97 |
| 80) Benzo(a)anthracene | 14.13 | 228 | 5001671 | 768.306 | ng | | 92 |
| 81) 3,3'-Dichlorobenzidine | 14.07 | 252 | 5578 | 2.337 | ng | # | 33 |
| 82) Chrysene | 14.13 | 228 | 5001671 | 807.006 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149 | 19463 | 3.669 | ng | # | 82 |
| 85) Indeno(1,2,3-cd)pyrene | 17.20 | 276 | 1986390 | 400.653 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 15.22 | 252 | 6129991 | 483.572 | ng | | 96 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098966.D
Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 30 23:26:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 88) Benzo(k)fluoranthene | 15.22 | 252 | 6129991 | 489.593 | ng | 98 |
| 89) Benzo(a)pyrene | 15.59 | 252 | 3774039 | 324.339 | ng | 95 |
| 90) Dibenzo(a,h)anthracene | 17.34 | 278 | 544912 | 58.515 | ng | 93 |
| 91) Benzo(g,h,i)perylene | 17.66 | 276 | 1726759 | 187.588 | ng | 94 |

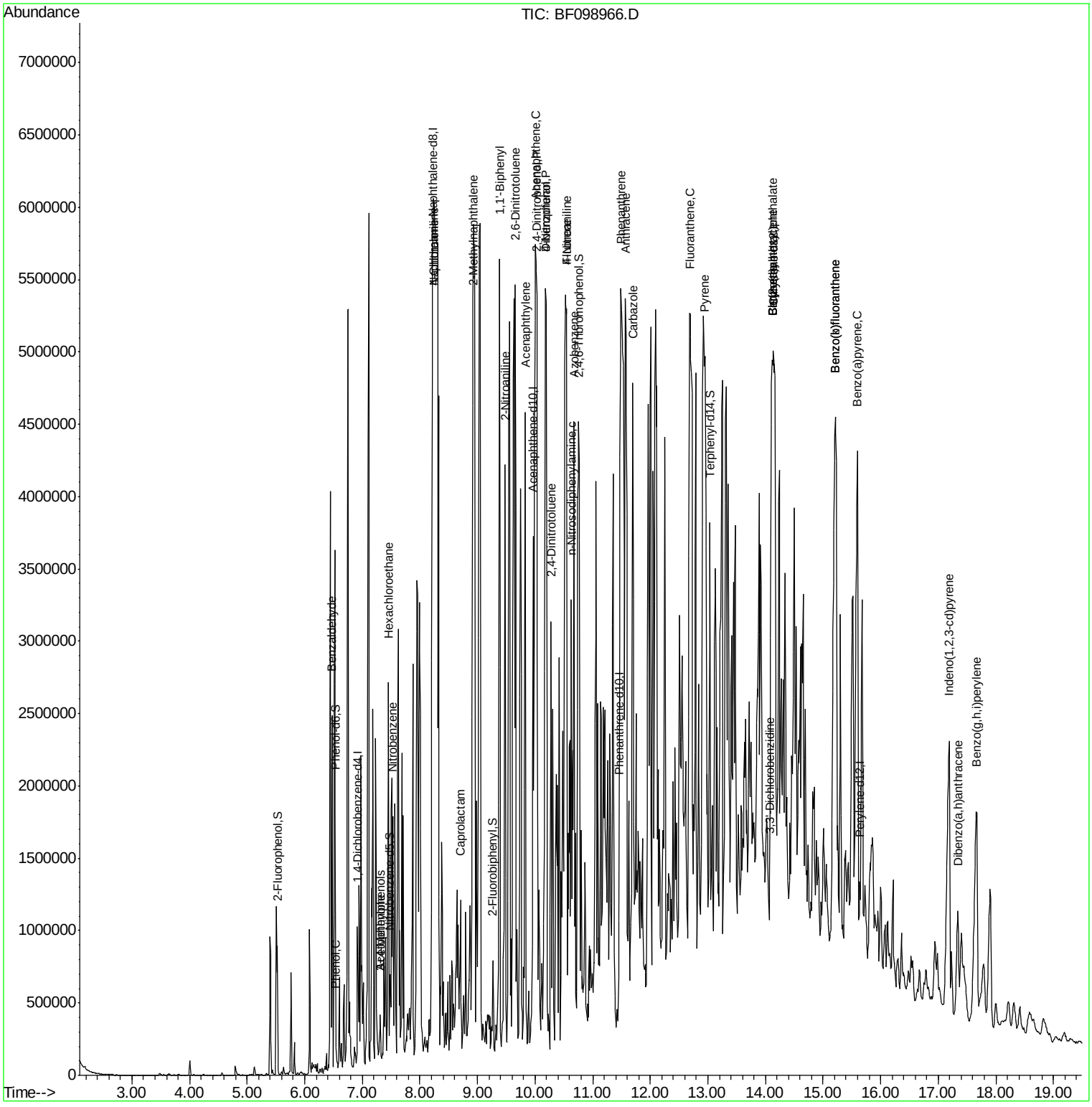
(#) = qualifier out of range (m) = manual integration (+) = signals summed

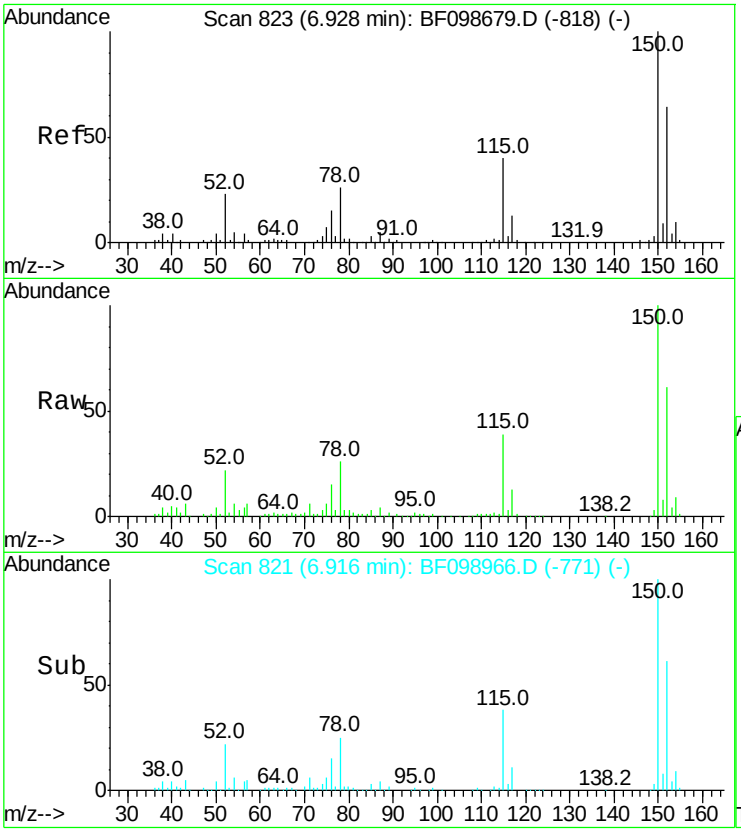
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098966.D
Acq On : 30 Sep 2017 16:51
Operator : SJ/JU
Sample : I5563-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 30 23:26:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration



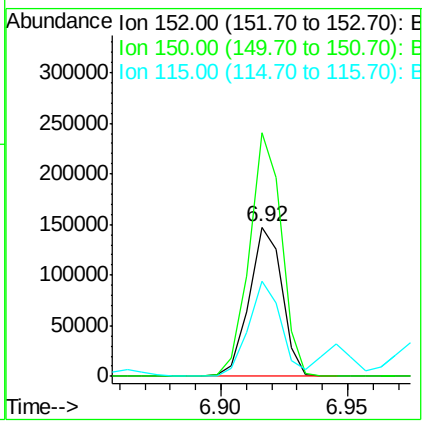


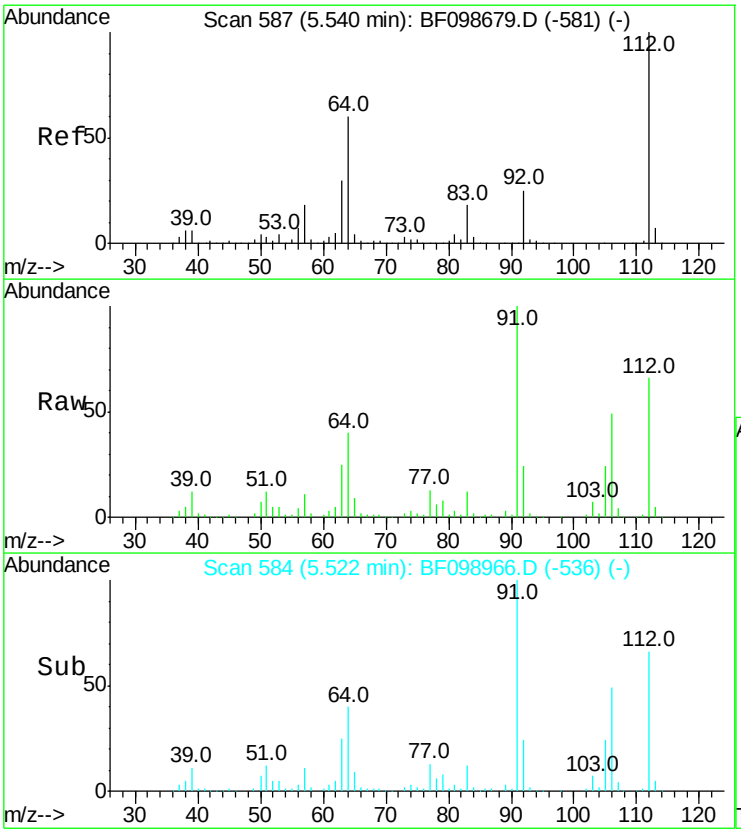

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:152 Resp: 133683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 163.0 | 124.6 | 186.8 |
| 115 | 63.5 | 50.1 | 75.1 |

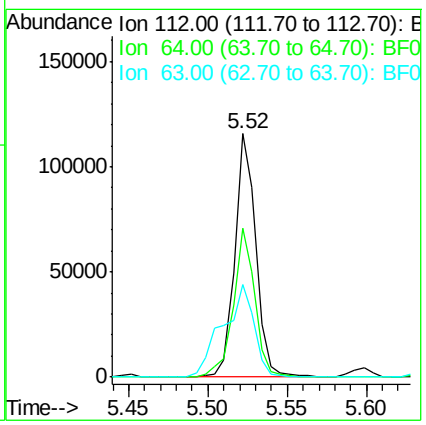


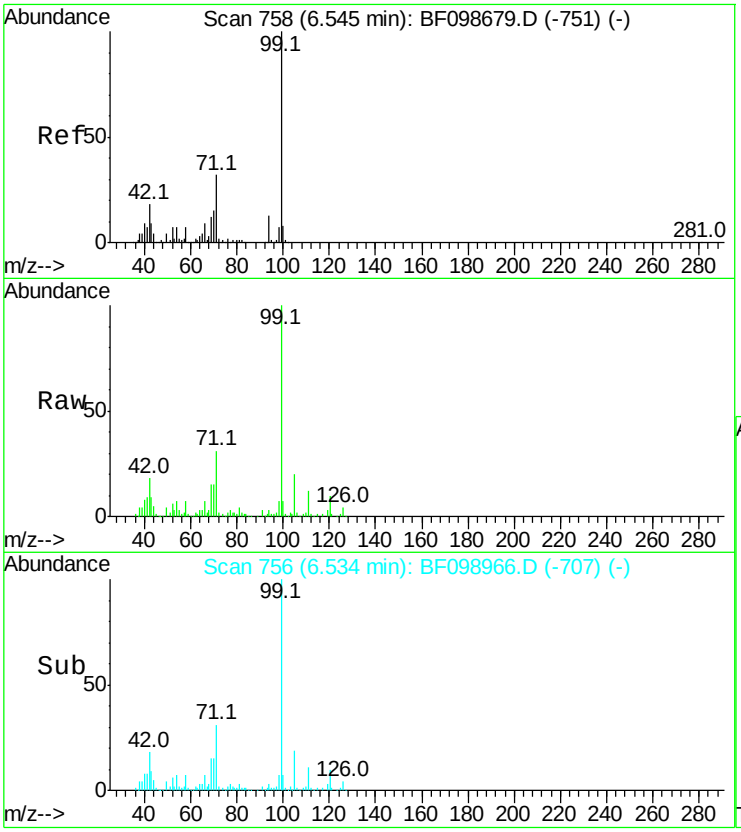




#5
2-Fluorophenol
Concen: 12.684 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:112 Resp: 106517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.9 | 47.9 | 71.9 |
| 63 | 37.9 | 23.7 | 35.5# |



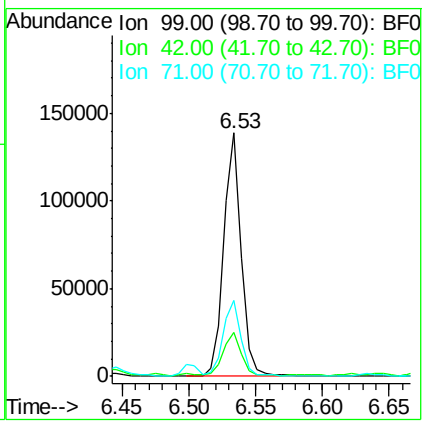


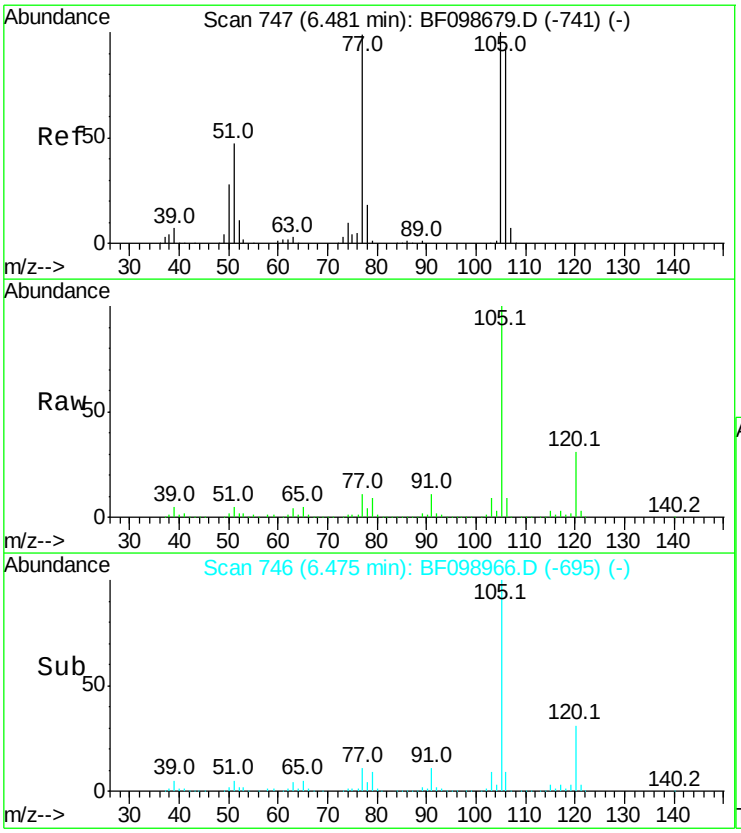

#7
Phenol-d6
Concen: 12.430 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion: 99 Resp: 128769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.2 | 14.5 | 21.7 |
| 71 | 31.2 | 25.4 | 38.0 |

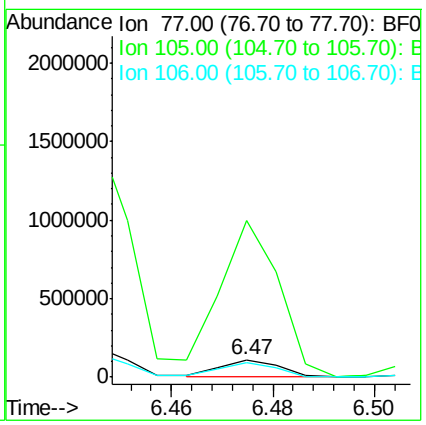


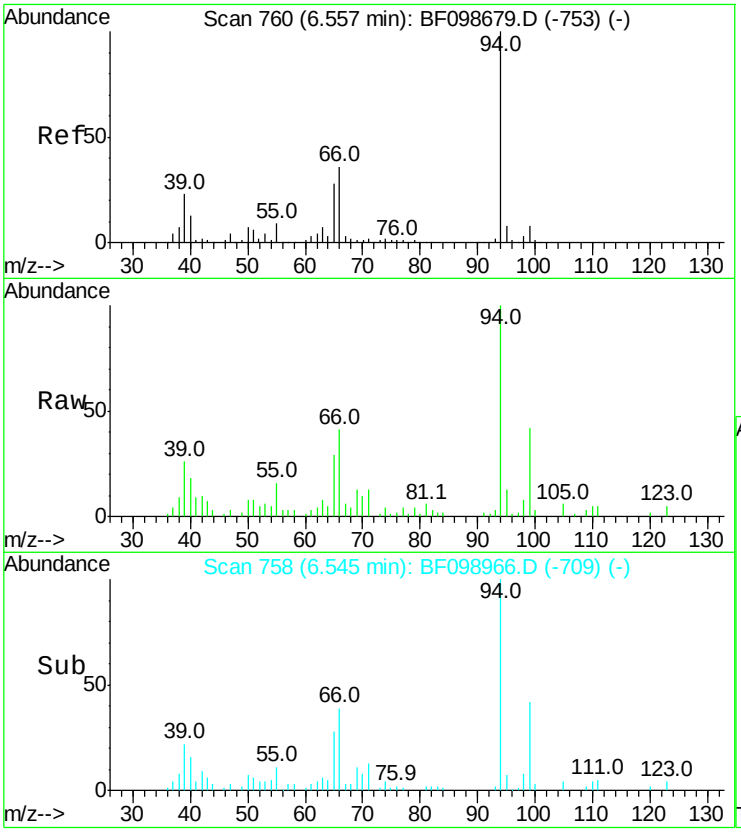




#9
Benzaldehyde
Concen: 14.753 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion: 77 Resp: 88656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 891.7 | 81.1 | 121.1# |
| 106 | 83.3 | 74.5 | 114.5 |



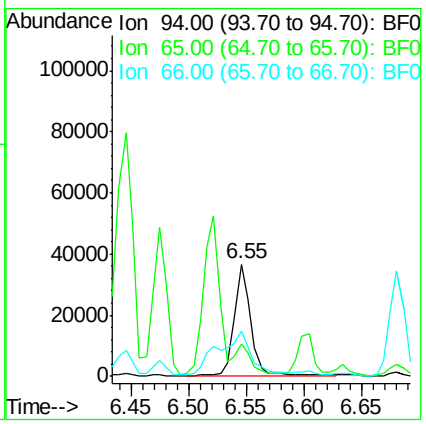


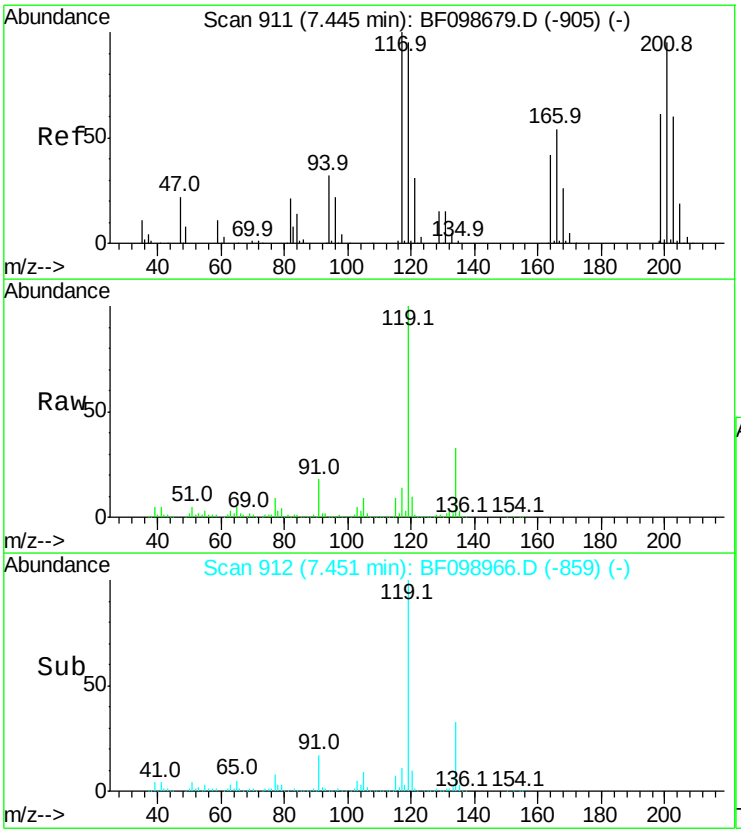

#10
Phenol
Concen: 3.226 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion: 94 Resp: 37379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.4 | 7.9 | 47.9 |
| 66 | 41.0 | 16.2 | 56.2 |

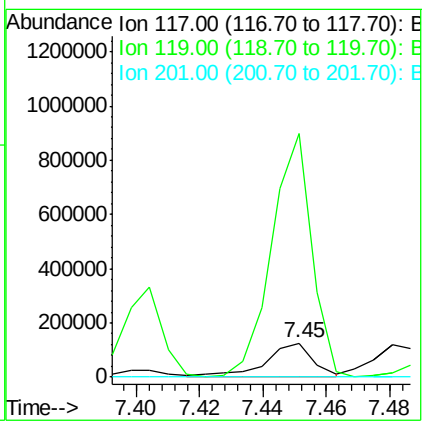


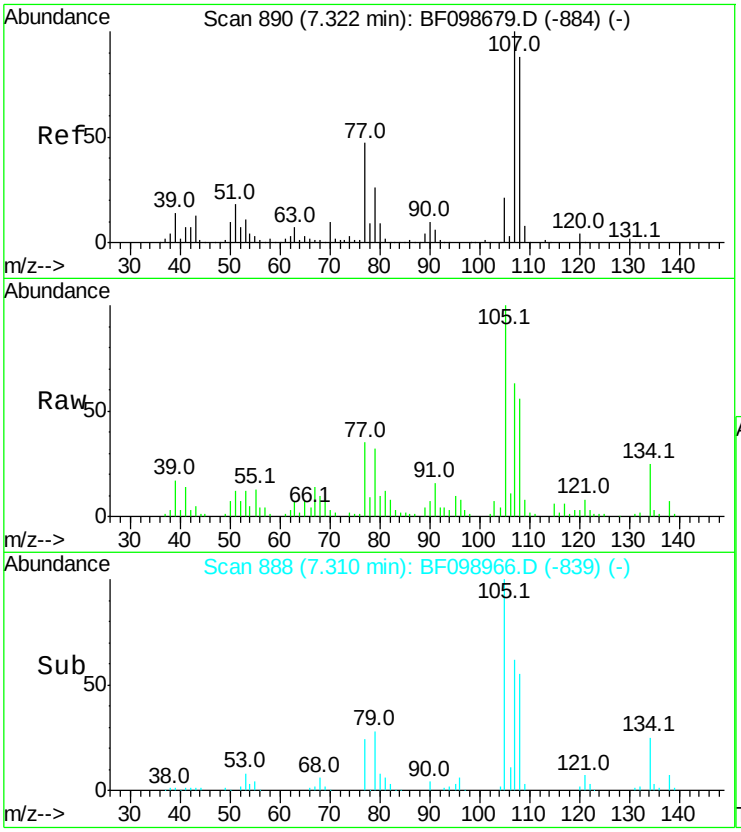




#18
Hexachloroethane
Concen: 33.619 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:117 Resp: 122452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 716.0 | 75.8 | 113.8# |
| 201 | 0.0 | 75.7 | 113.5# |



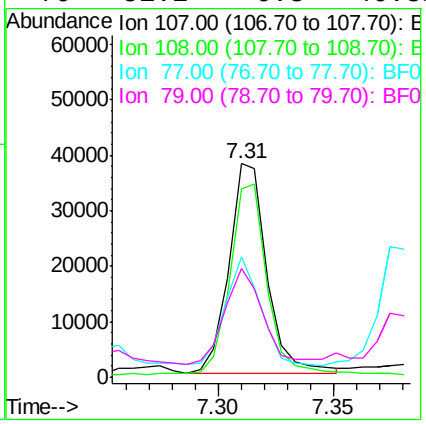


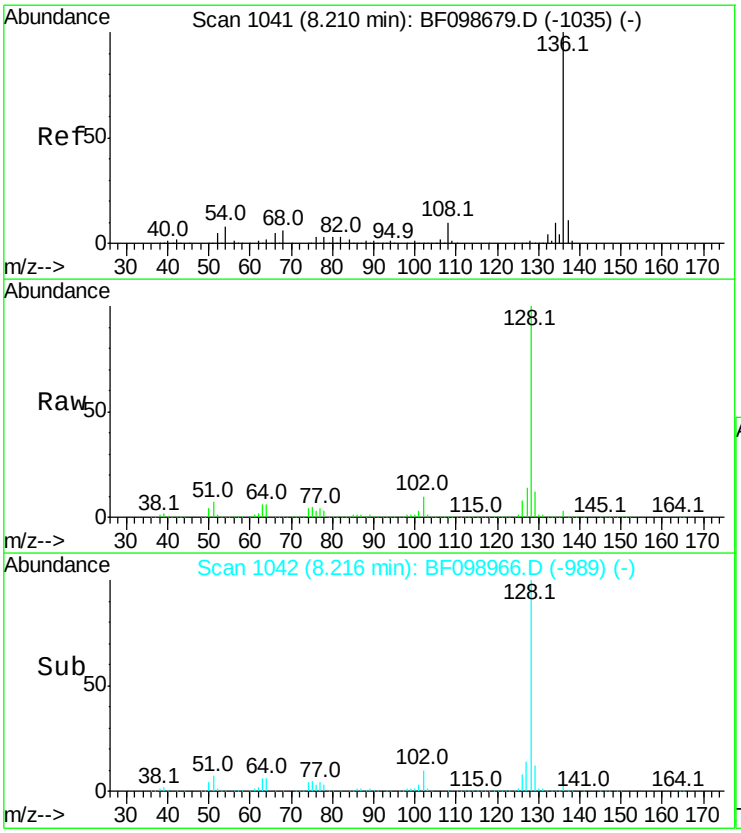

#20
3+4-Methylphenols
Concen: 4.424 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:107 Resp: 43550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.3 | 68.2 | 108.2 |
| 77 | 56.4 | 26.7 | 66.7 |
| 79 | 51.2 | 6.3 | 46.3# |

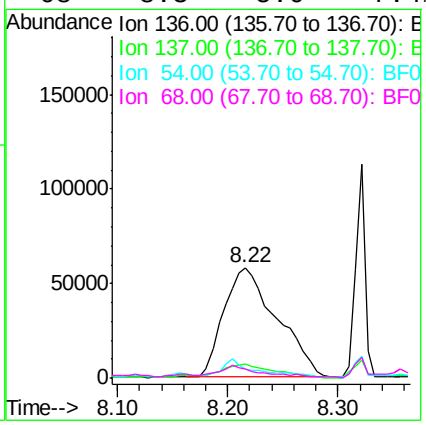


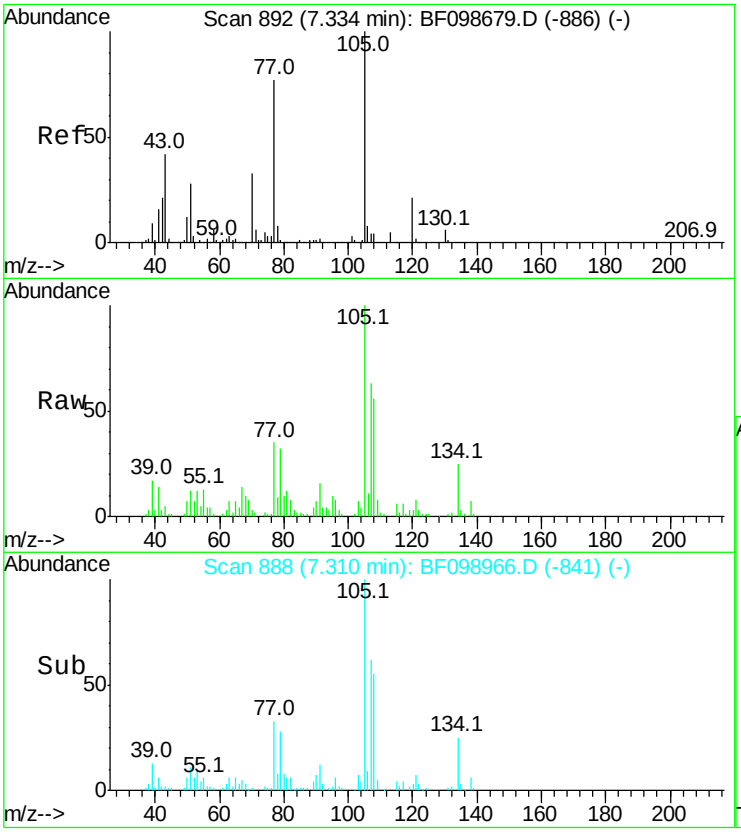




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:136 Resp: 194819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.4 | 8.9 | 13.3 |
| 54 | 8.0 | 6.6 | 9.8 |
| 68 | 8.3 | 5.0 | 7.4# |



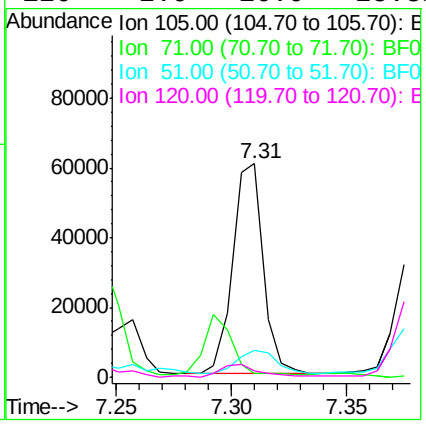


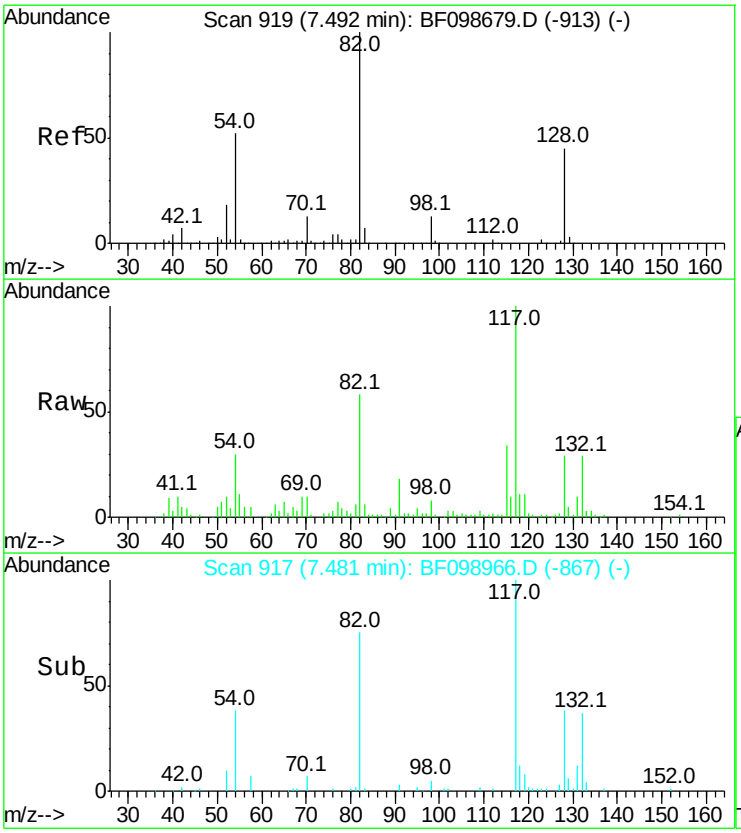

#22
Acetophenone
Concen: 11.810 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:105 Resp: 55747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.9 | 4.4 | 6.6# |
| 51 | 12.3 | 22.3 | 33.5# |
| 120 | 2.9 | 16.9 | 25.3# |

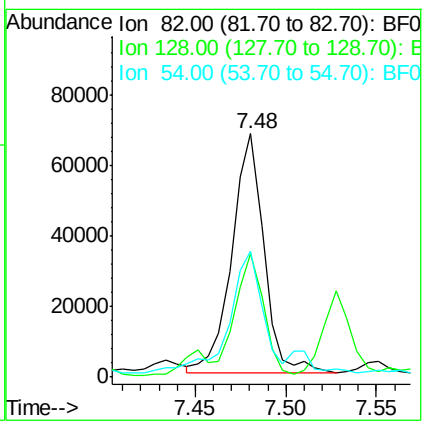


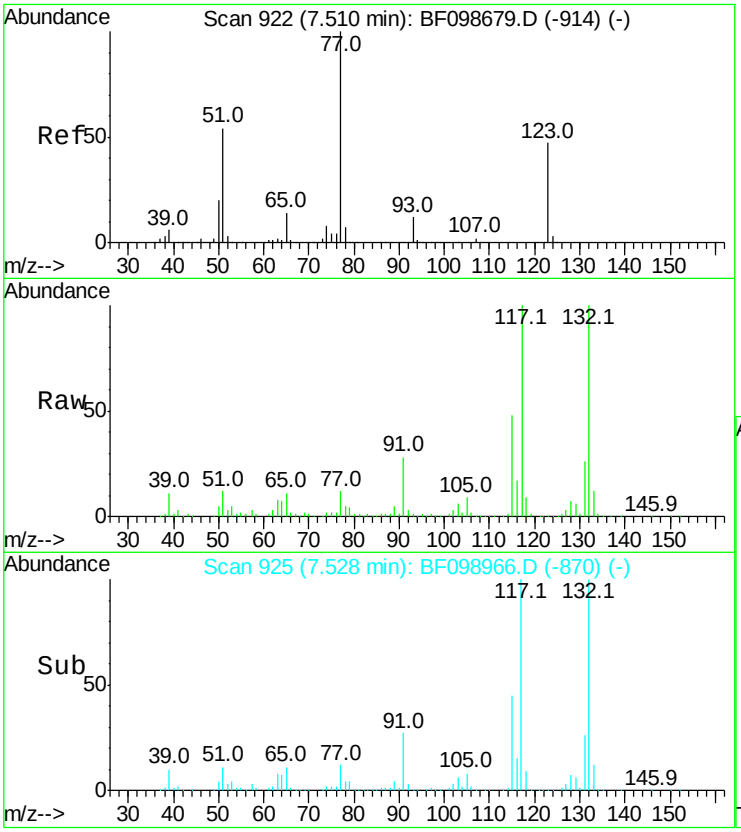




#23
Nitrobenzene-d5
Concen: 27.798 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion: 82 Resp: 84447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.7 | 36.1 | 54.1 |
| 54 | 51.5 | 41.4 | 62.2 |



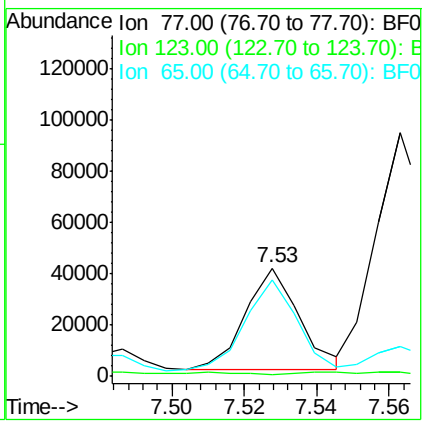


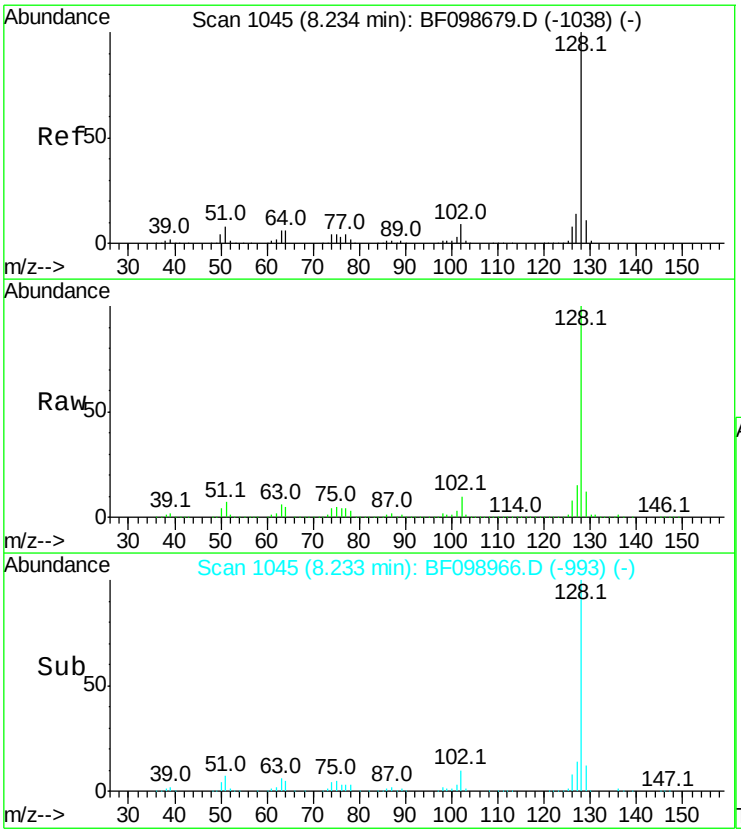

#24
Nitrobenzene
Concen: 11.933 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.02 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion: 77 Resp: 41121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 1.8 | 37.9 | 56.9# |
| 65 | 89.6 | 11.0 | 16.4# |

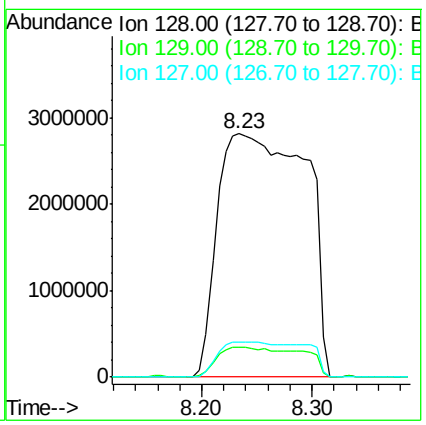


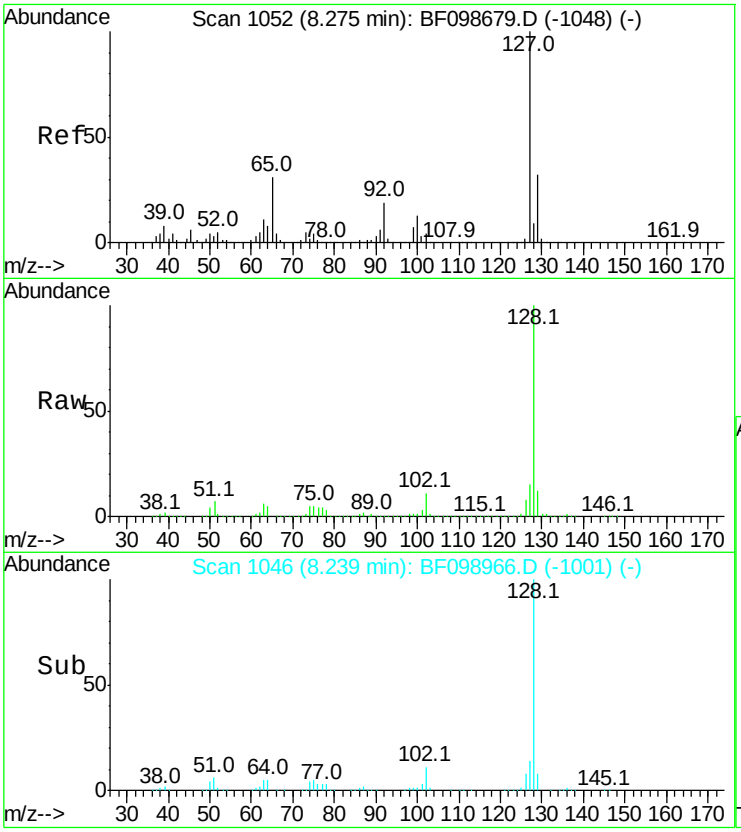




#31
Naphthalene
Concen: 1692.807 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:128 Resp:15489037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.2 | 8.8 | 13.2 |
| 127 | 14.5 | 10.9 | 16.3 |



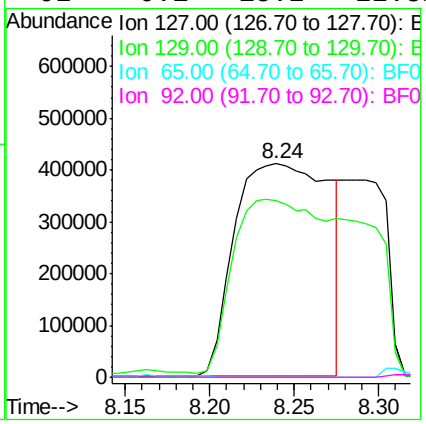


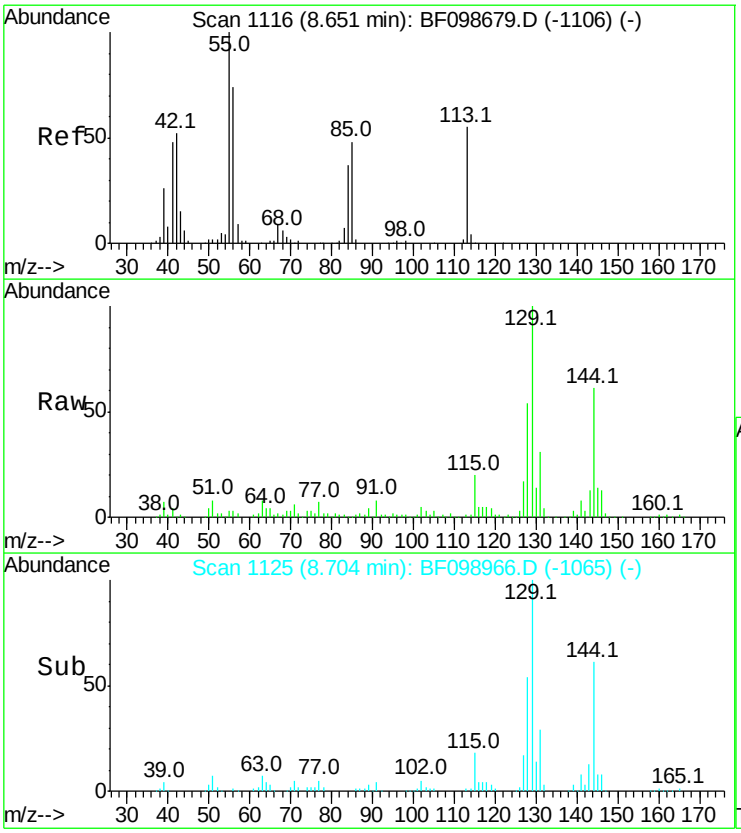

#33
4-Chloroaniline
Concen: 414.647 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.04 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:127 Resp: 1584367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 82.6 | 25.9 | 38.9# |
| 65 | 0.0 | 25.0 | 37.4# |
| 92 | 0.1 | 15.2 | 22.8# |

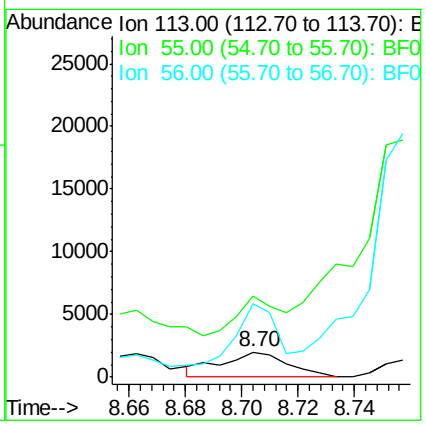


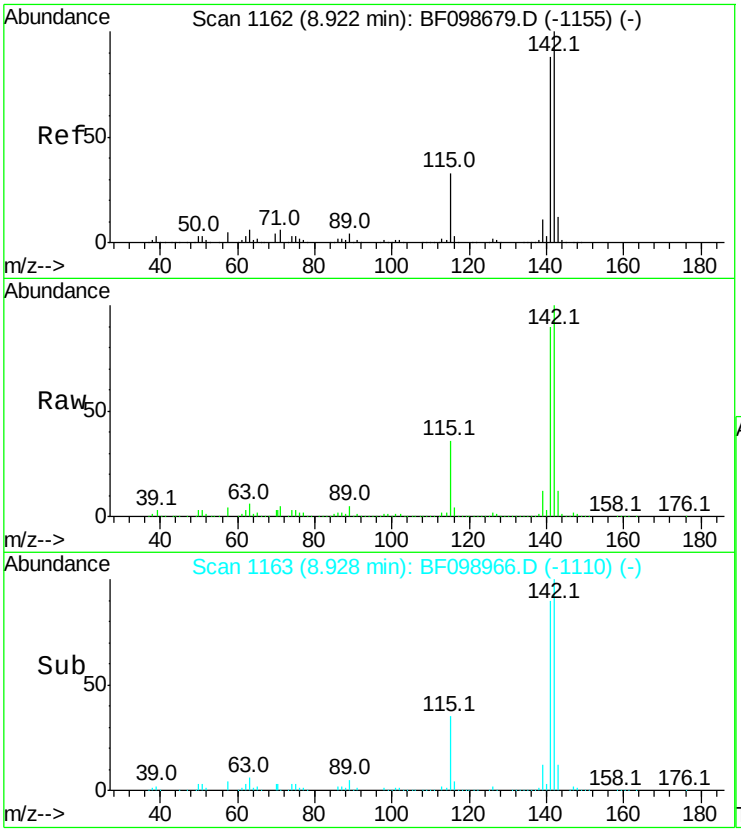




#35
Caprolactam
Concen: 3.752 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.05 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:113 Resp: 3234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 325.7 | 163.3 | 203.3# |
| 56 | 294.3 | 115.7 | 155.7# |



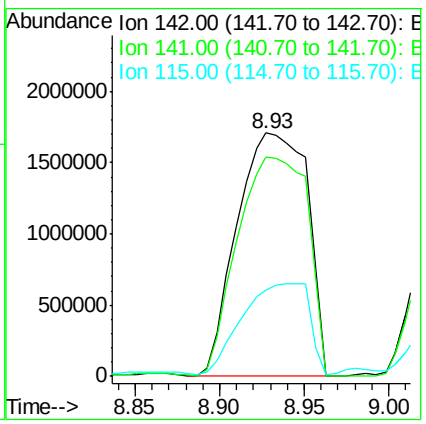


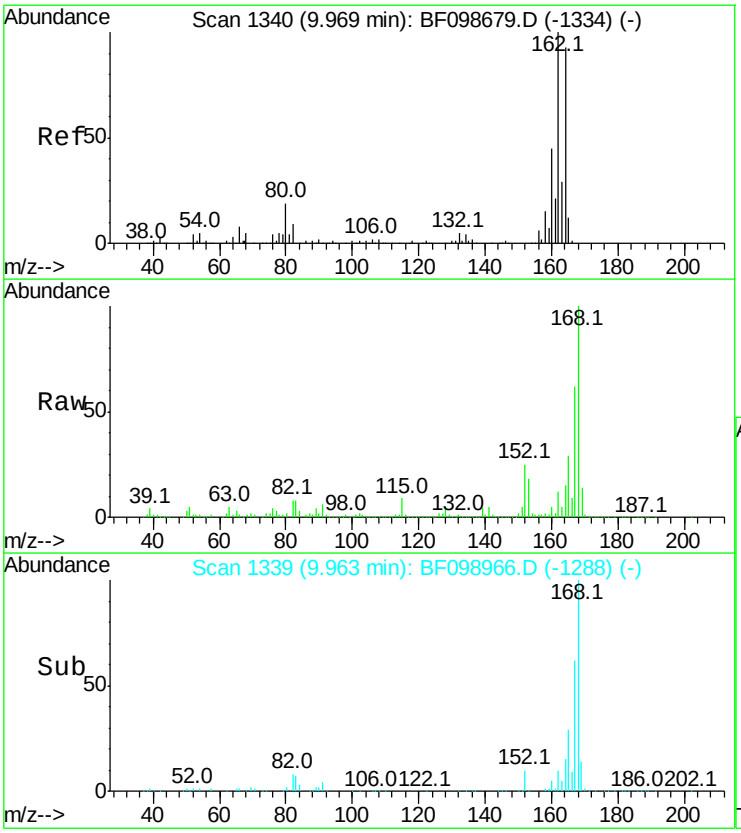

#37
2-Methylnaphthalene
Concen: 828.668 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:142 Resp: 4929081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.1 | 70.8 | 106.2 |
| 115 | 35.6 | 26.1 | 39.1 |

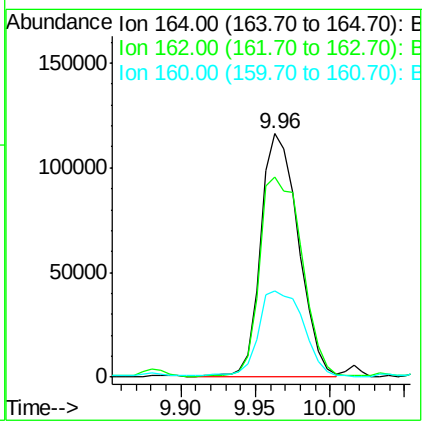


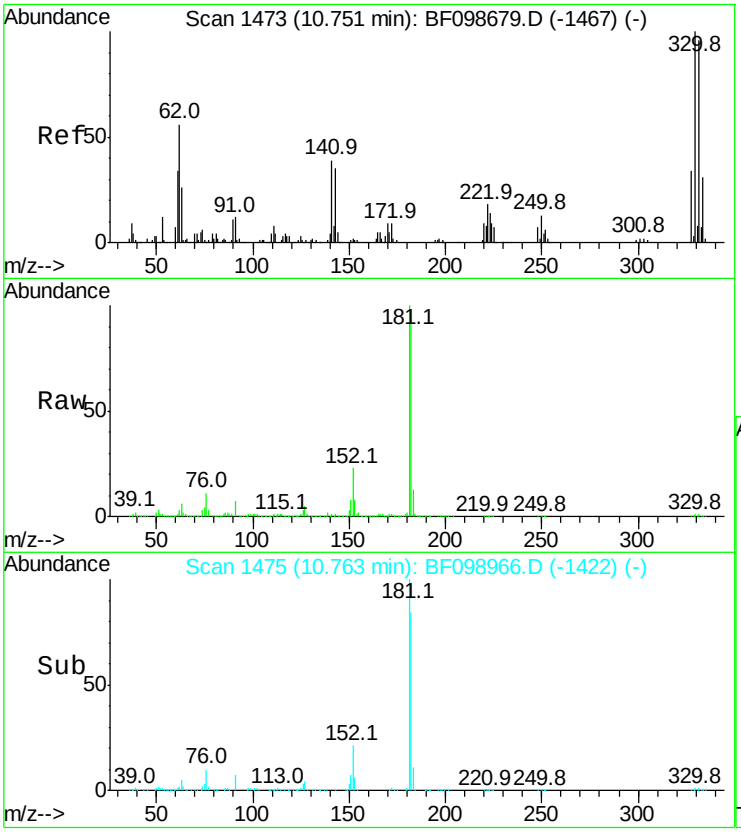




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:164 Resp: 202355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 82.4 | 86.1 | 129.1# |
| 160 | 35.5 | 38.3 | 57.5# |



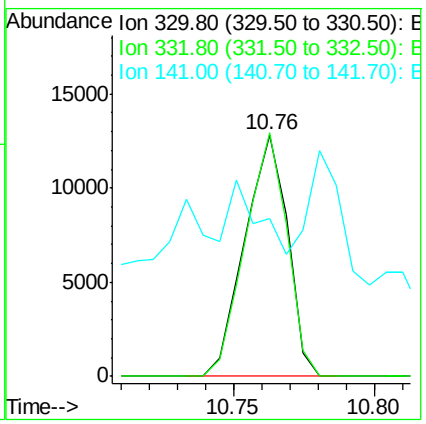


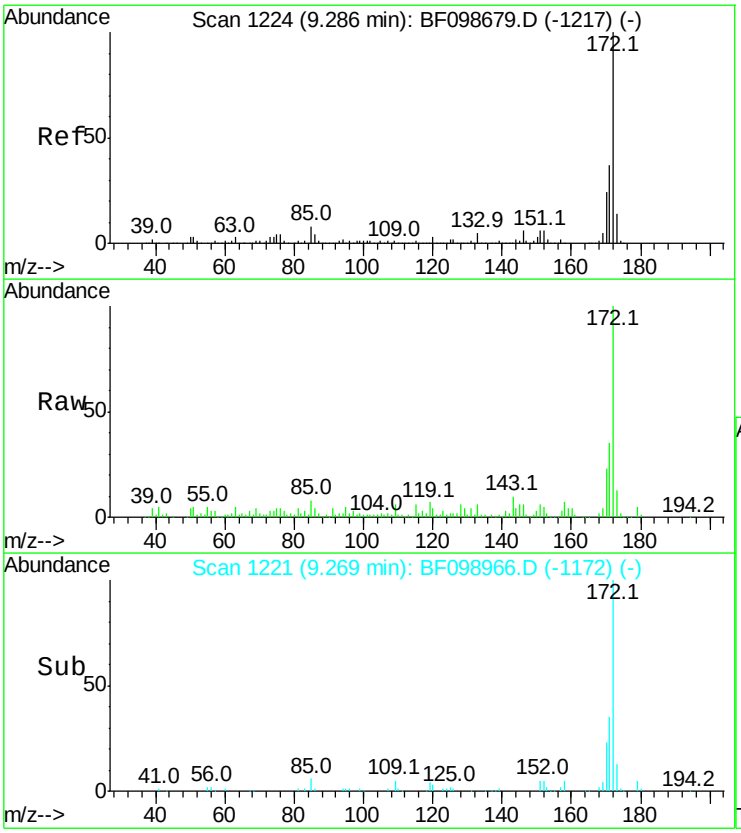

#41
2,4,6-Tribromophenol
Concen: 8.130 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:330 Resp: 13461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.2 | 77.0 | 115.6 |
| 141 | 43.5 | 29.9 | 44.9 |

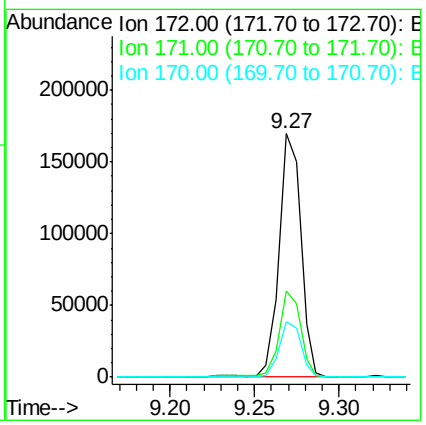


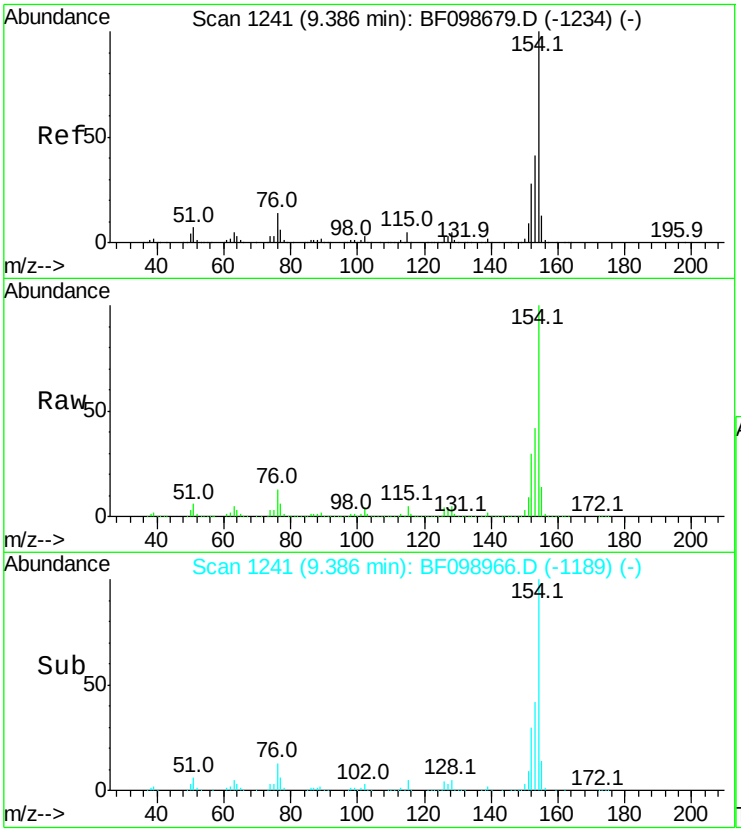




#44
2-Fluorobiphenyl
Concen: 12.514 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:172 Resp: 151683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 29.7 | 44.5 |
| 170 | 22.7 | 19.6 | 29.4 |



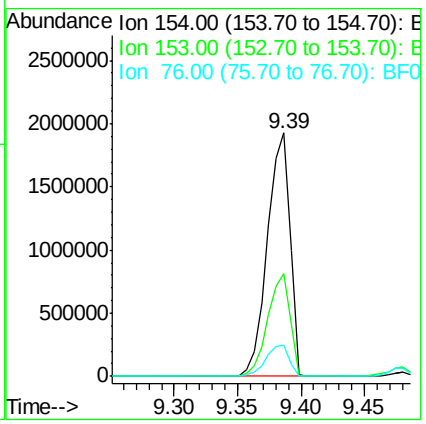


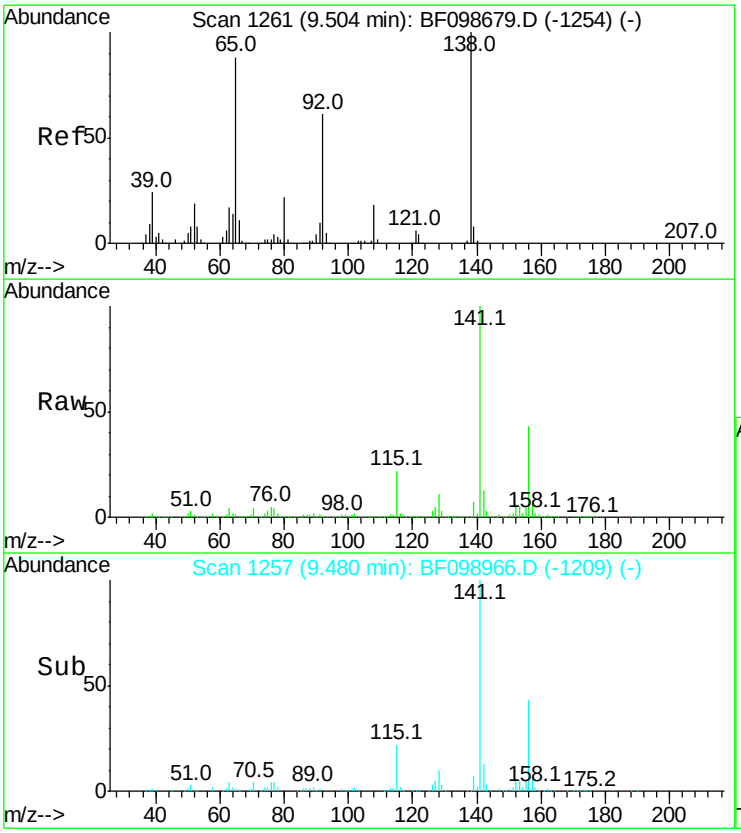

#45
1,1'-Biphenyl
Concen: 136.146 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:154 Resp: 2367734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.4 | 21.3 | 61.3 |
| 76 | 12.9 | 0.0 | 34.0 |

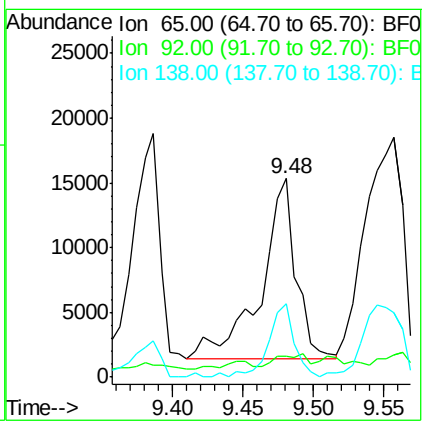


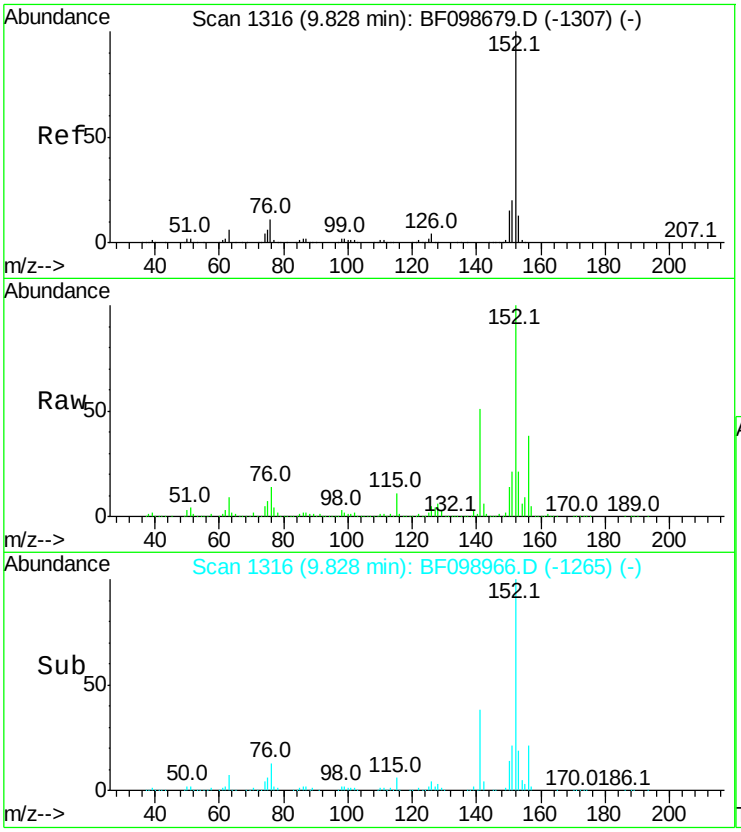




#47
2-Nitroaniline
Concen: 6.107 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion: 65 Resp: 24417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 10.3 | 55.8 | 83.6# |
| 138 | 36.8 | 91.2 | 136.8# |



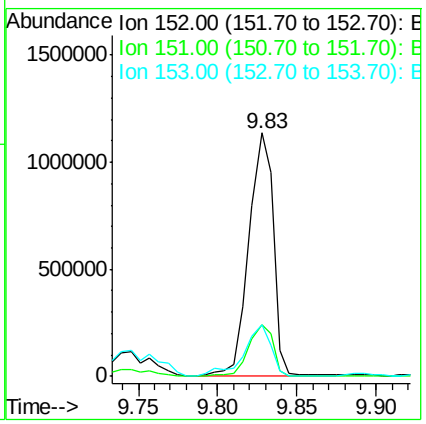


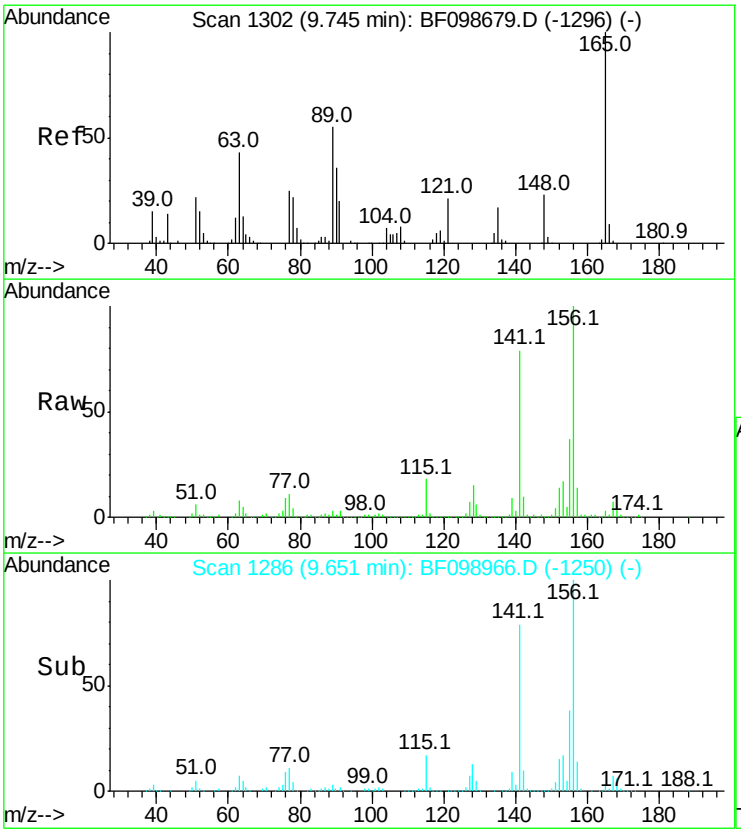

#48
Acenaphthylene
Concen: 61.231 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:152 Resp: 1223962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.4 | 16.3 | 24.5 |
| 153 | 21.2 | 10.7 | 16.1# |

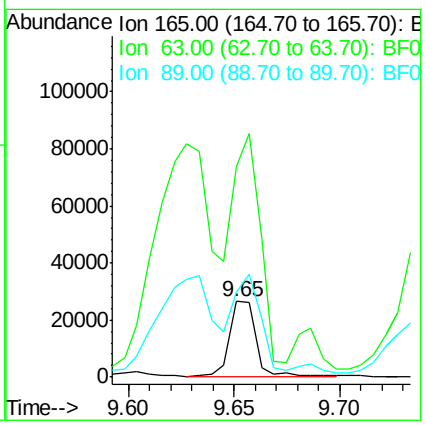


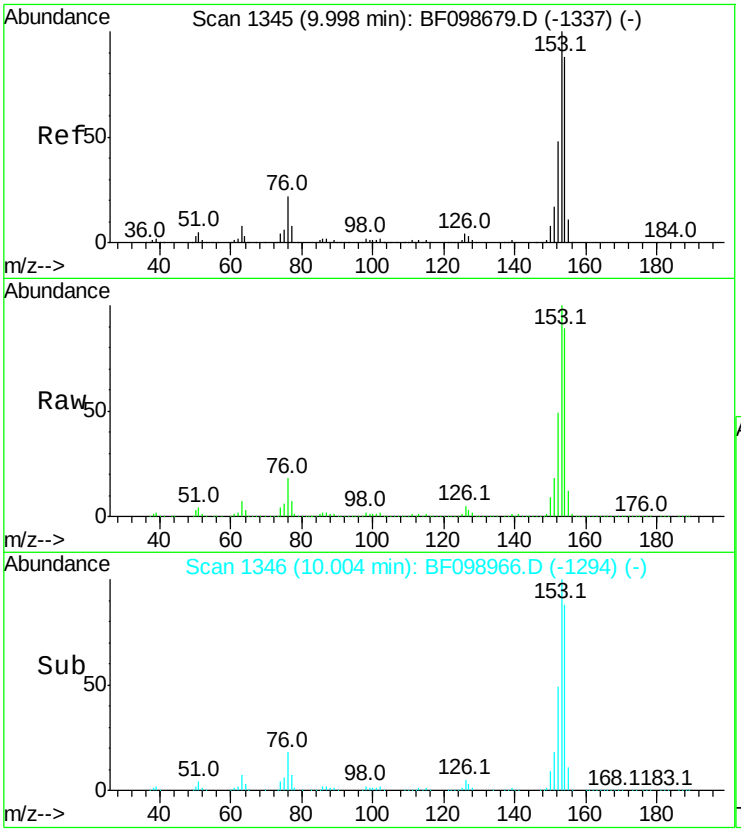




#50
2,6-Dinitrotoluene
Concen: 7.071 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.09 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:165 Resp: 23512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 279.1 | 44.7 | 67.1# |
| 89 | 112.7 | 44.0 | 66.0# |



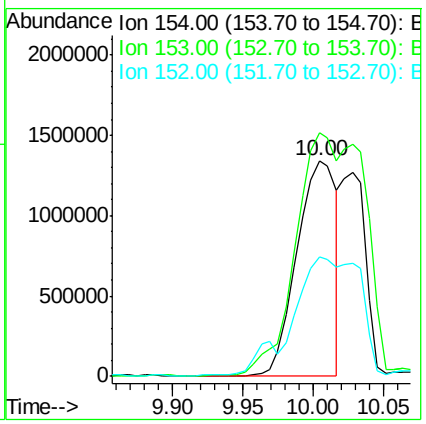


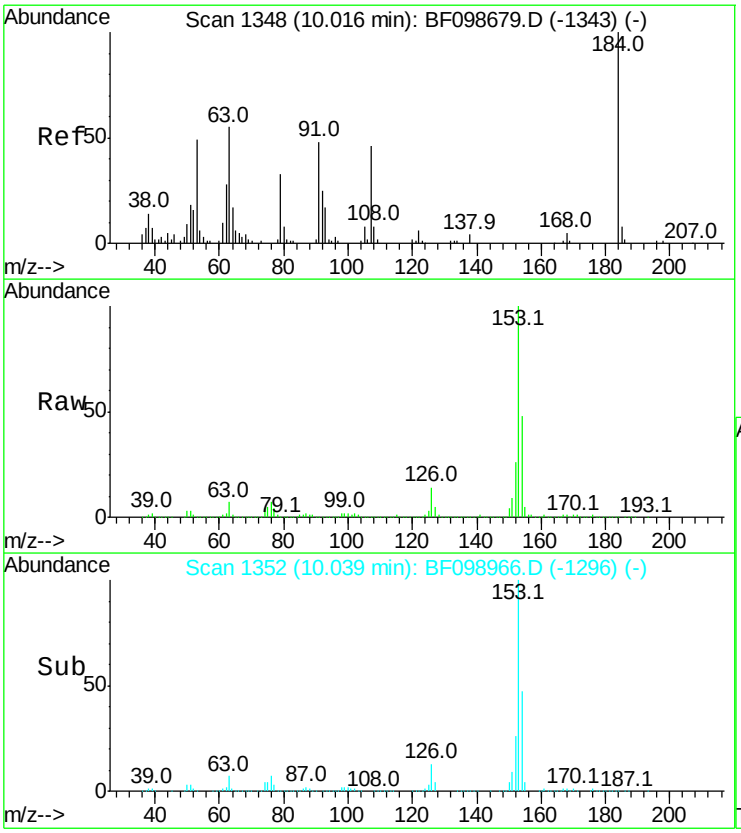

#51
Acenaphthene
Concen: 204.038 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:154 Resp: 2583556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.0 | 91.2 | 136.8 |
| 152 | 55.7 | 43.8 | 65.8 |

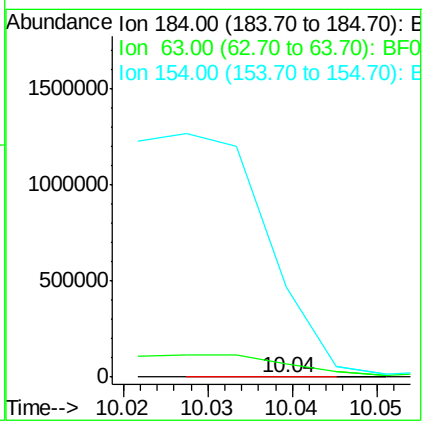


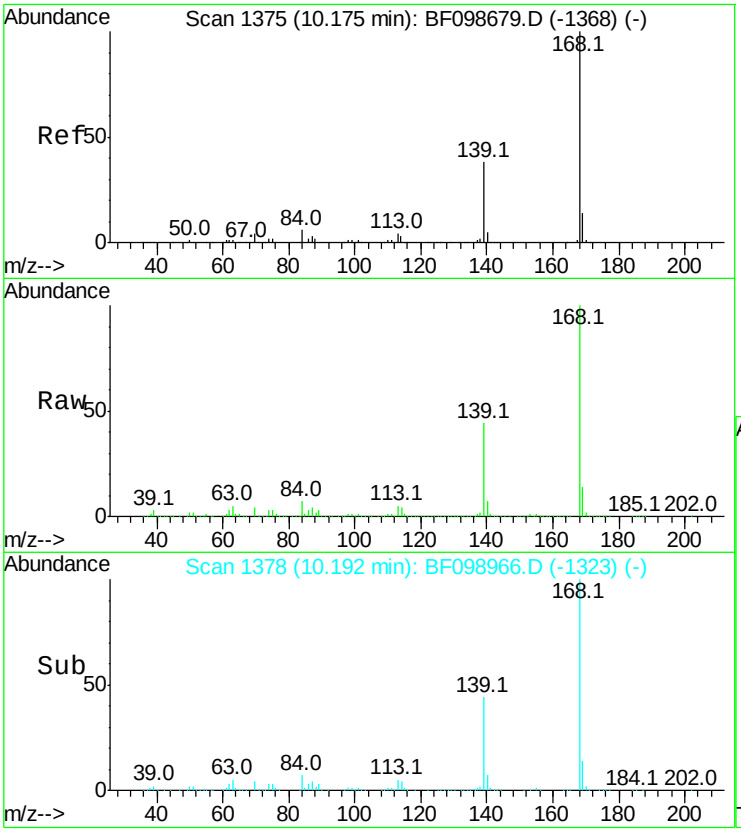




#53
2,4-Dinitrophenol
Concen: 5.893 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.03 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:184 Resp: 121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 20102.9 | 54.2 | 81.2# |
| 154 | 137132.2 | 53.5 | 80.3# |



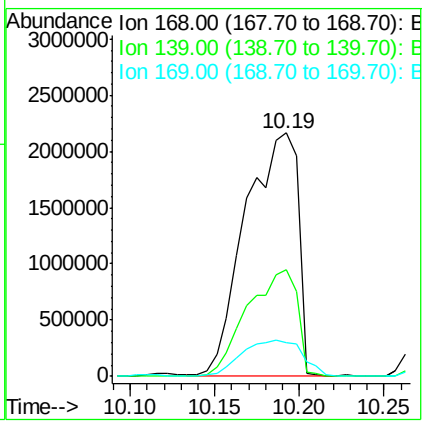


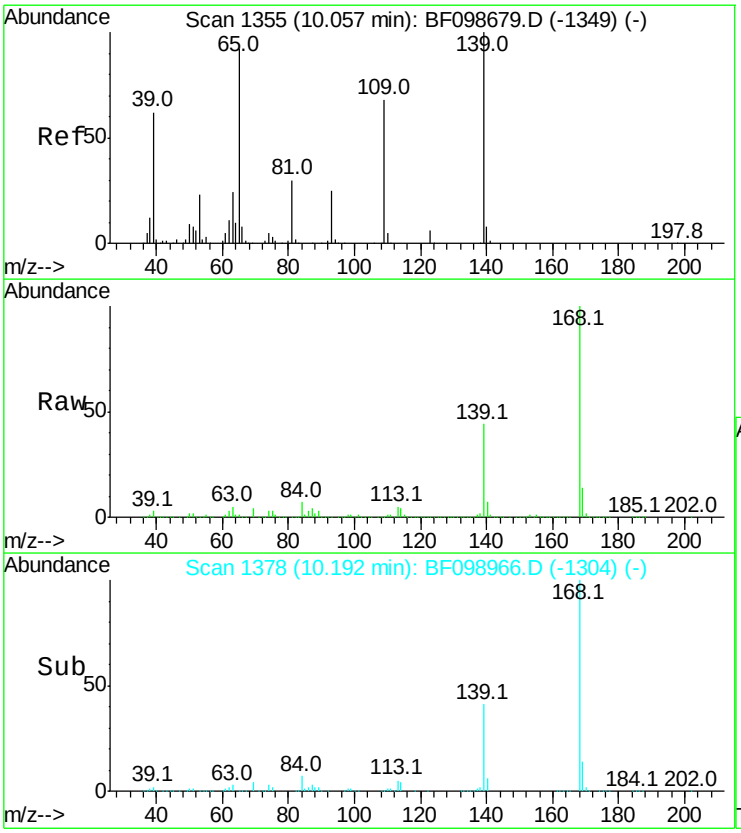

#54
Dibenzofuran
Concen: 274.546 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.02 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:168 Resp: 4628603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 43.7 | 30.1 | 45.1 |
| 169 | 14.0 | 10.9 | 16.3 |

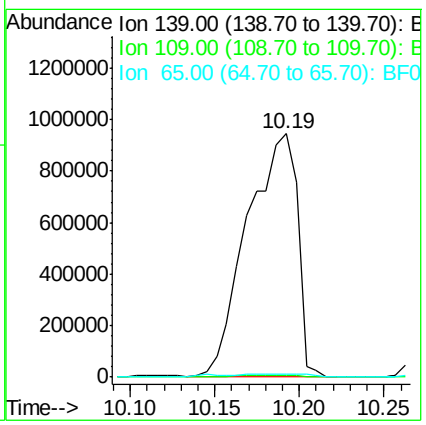


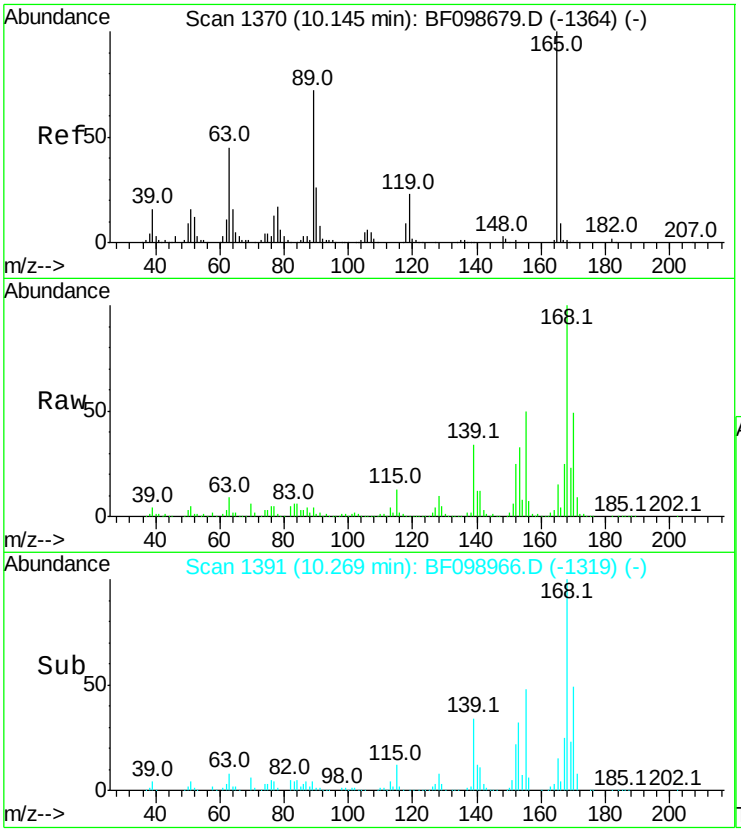




#55
4-Nitrophenol
Concen: 588.044 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.14 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:139 Resp: 1927723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.9 | 48.4 | 88.4# |
| 65 | 1.3 | 72.6 | 112.6# |



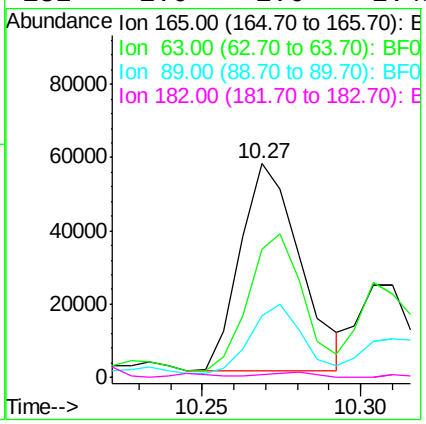


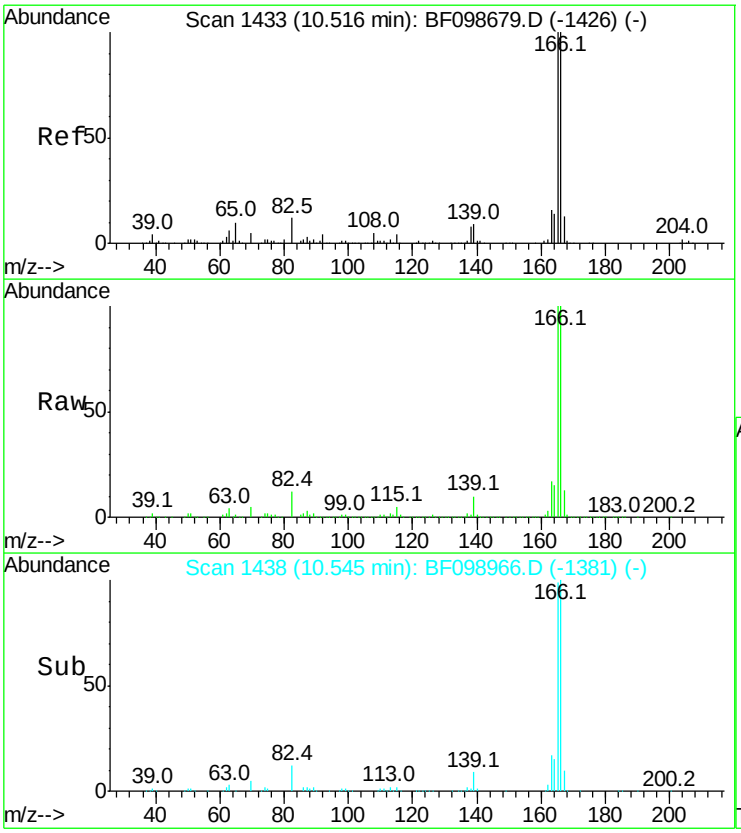

#56
2,4-Dinitrotoluene
Concen: 17.121 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.12 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:165 Resp: 73879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.9 | 36.4 | 54.6# |
| 89 | 28.8 | 57.8 | 86.6# |
| 182 | 1.0 | 1.6 | 2.4# |

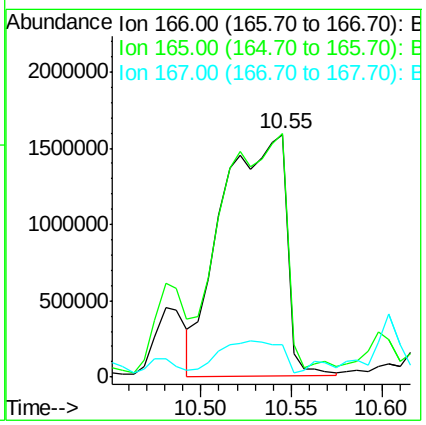


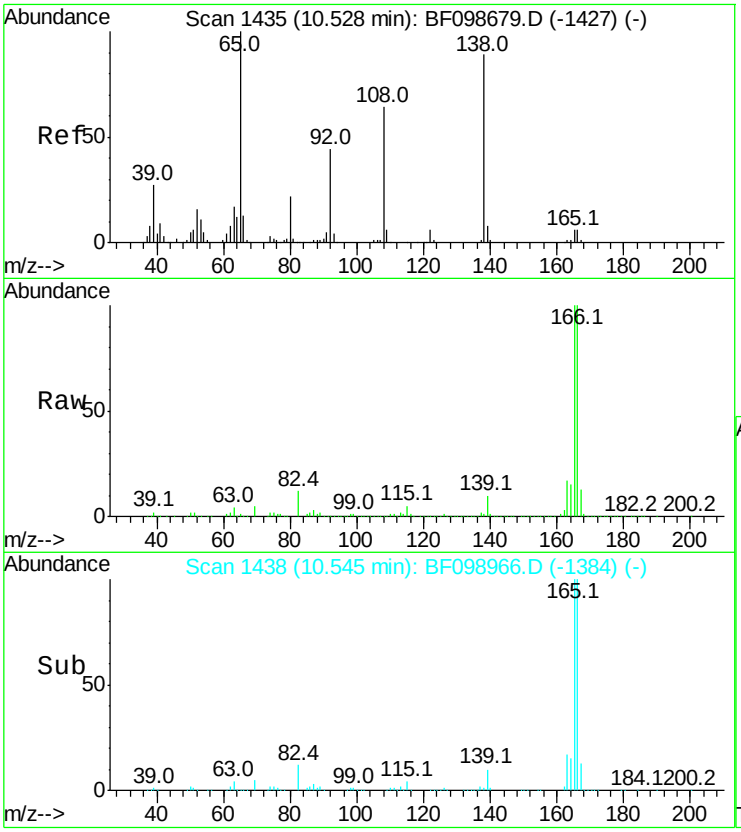




#57
Fluorene
Concen: 287.713 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.04 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:166 Resp: 3898700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.4 | 79.8 | 119.8 |
| 167 | 13.2 | 10.6 | 16.0 |



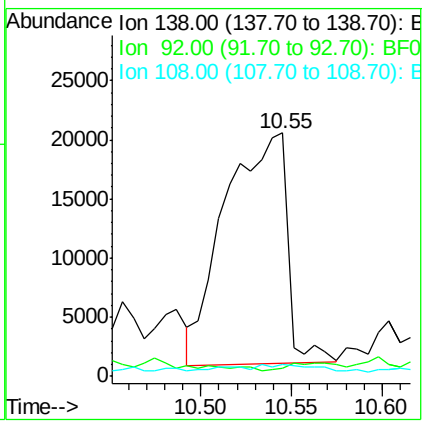


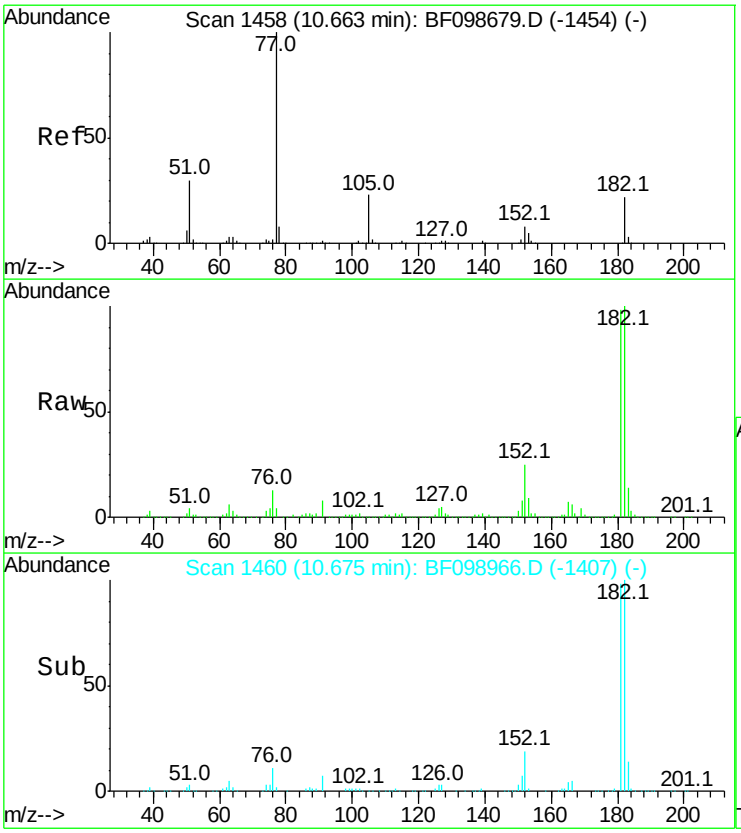

#61
4-Nitroaniline
Concen: 12.474 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.02 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:138 Resp: 46655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 3.3 | 30.2 | 70.2# |
| 108 | 4.7 | 52.5 | 92.5# |

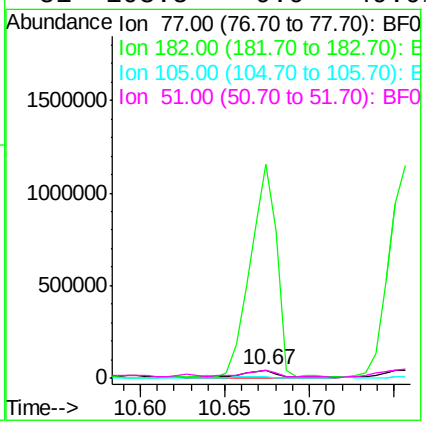


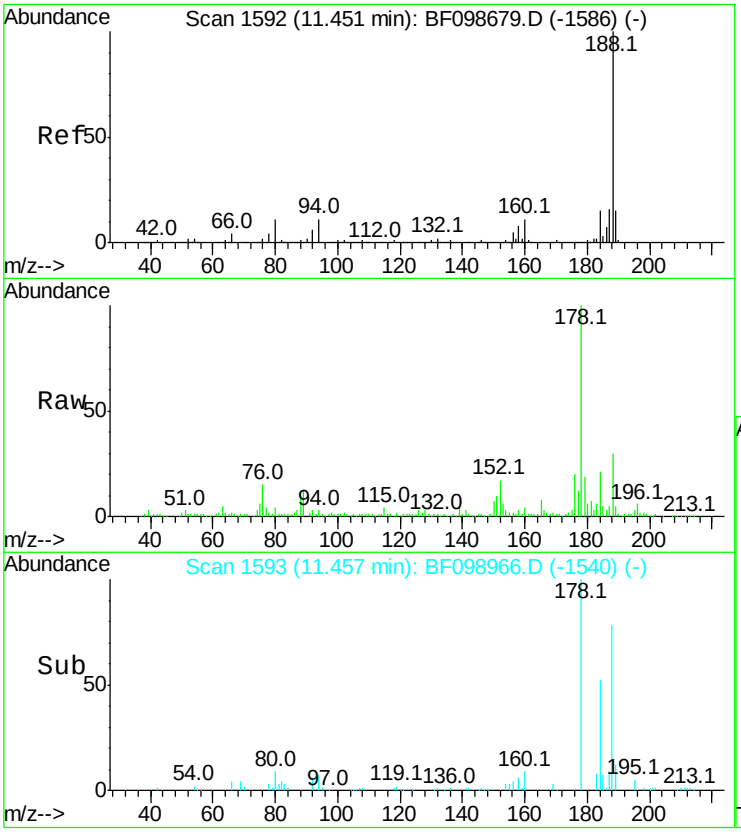




#62
Azobenzene
Concen: 5.477 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion: 77 Resp: 75161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 2702.3 | 1.7 | 41.7# |
| 105 | 10.3 | 3.0 | 43.0 |
| 51 | 103.5 | 9.9 | 49.9# |



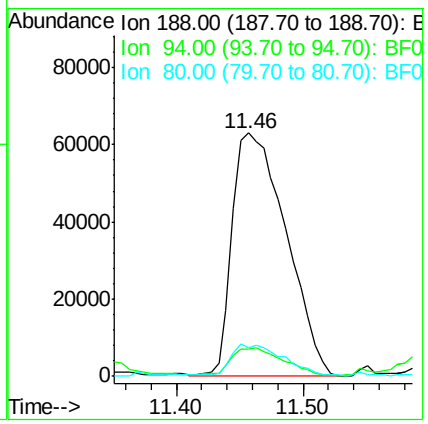


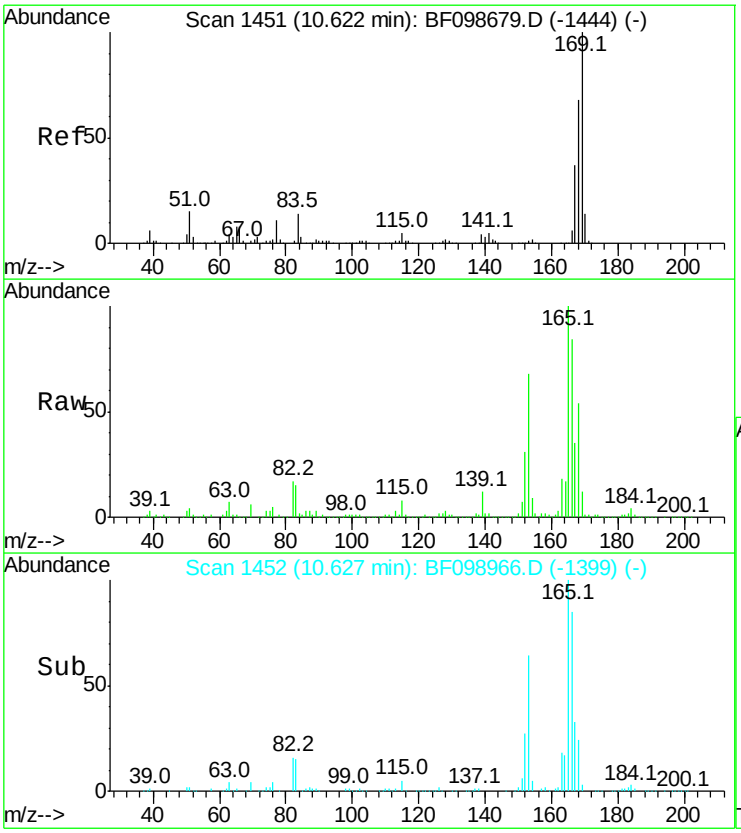

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:188 Resp: 185891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.1 | 8.5 | 12.7 |
| 80 | 12.0 | 9.2 | 13.8 |

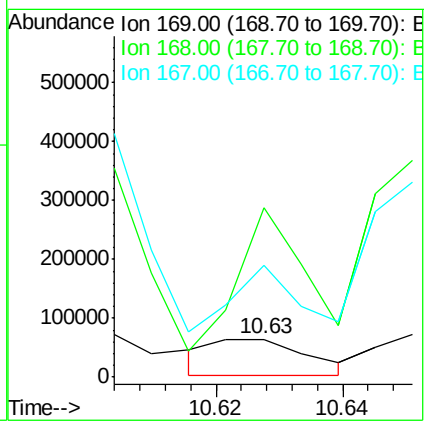


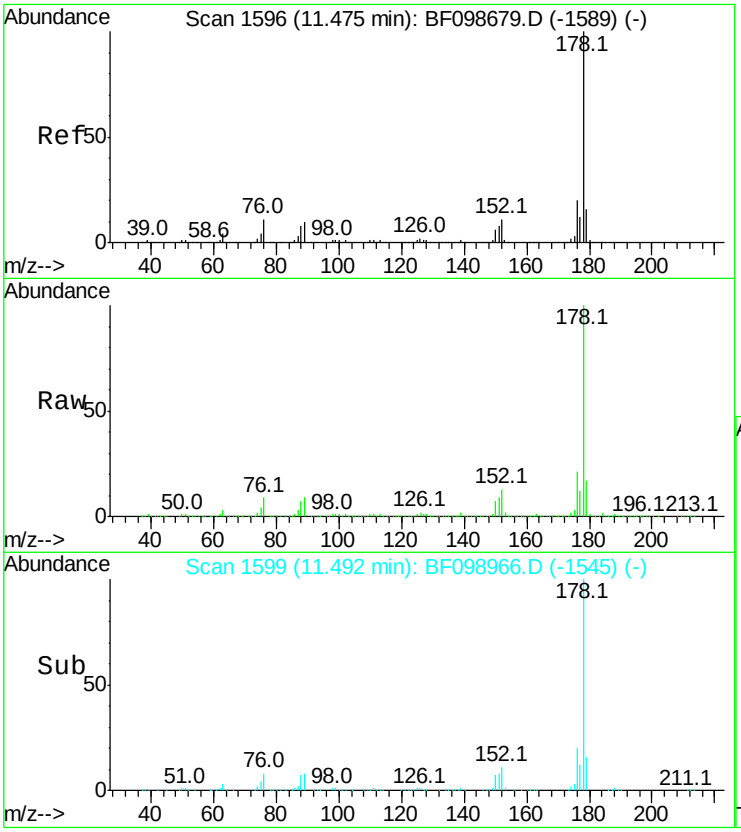




#65
n-Nitrosodiphenylamine
Concen: 9.769 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:169 Resp: 62910

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 443.3 | 54.4 | 81.6# |
| 167 | 292.3 | 29.8 | 44.6# |



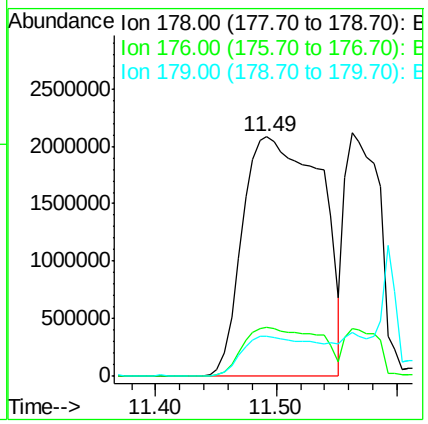


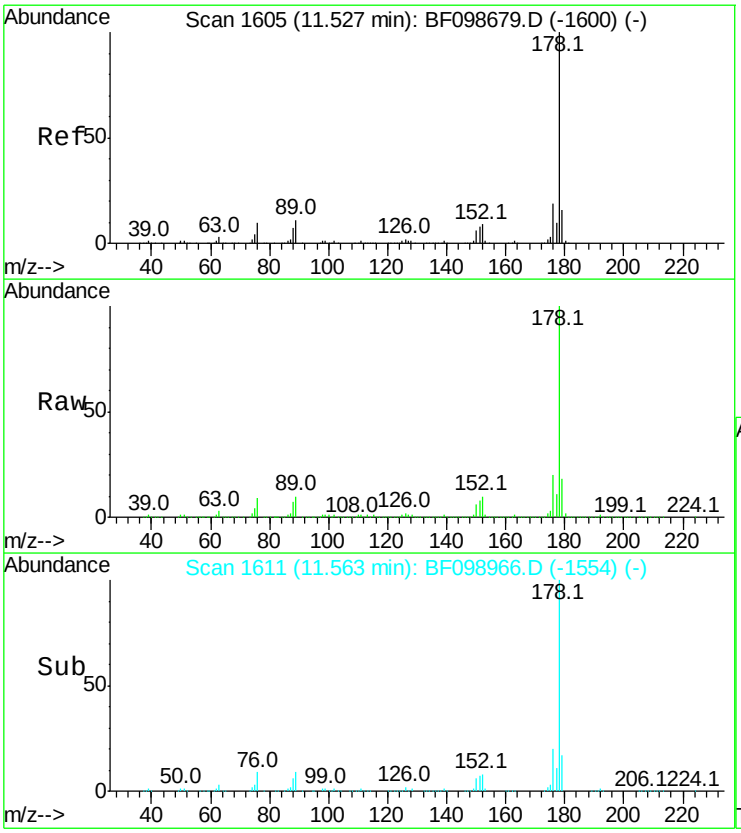

#70
Phenanthrene
Concen: 936.061 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.02 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:178 Resp: 9314032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.5 | 15.8 | 23.8 |
| 179 | 16.8 | 13.0 | 19.6 |

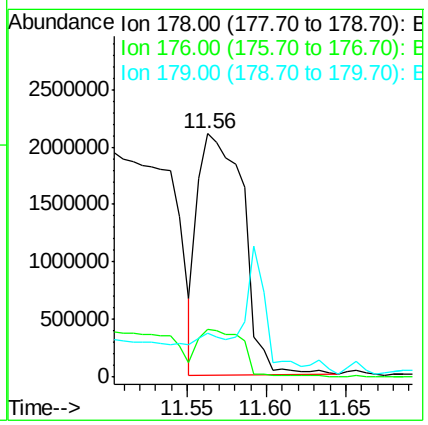


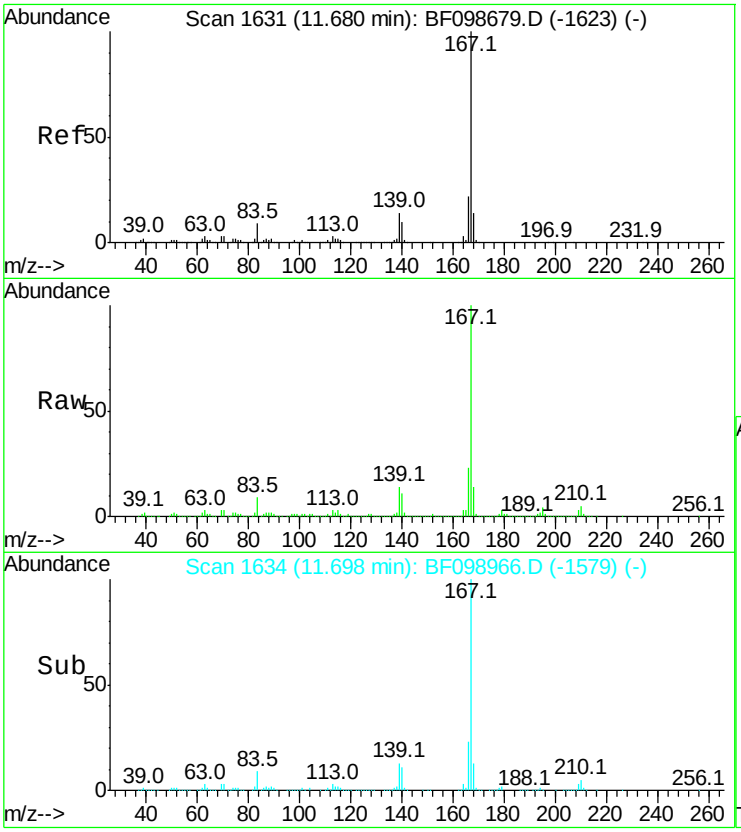




#71
Anthracene
Concen: 416.071 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.04 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:178 Resp: 4236004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.8 | 15.4 | 23.2 |
| 179 | 17.9 | 12.6 | 19.0 |



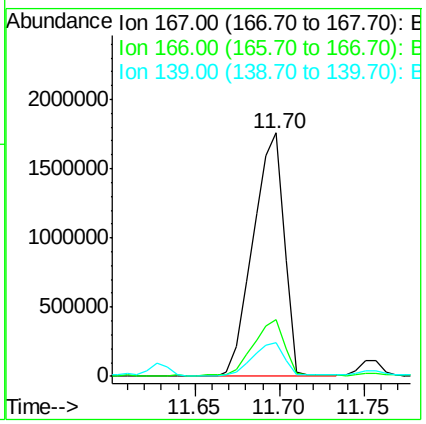


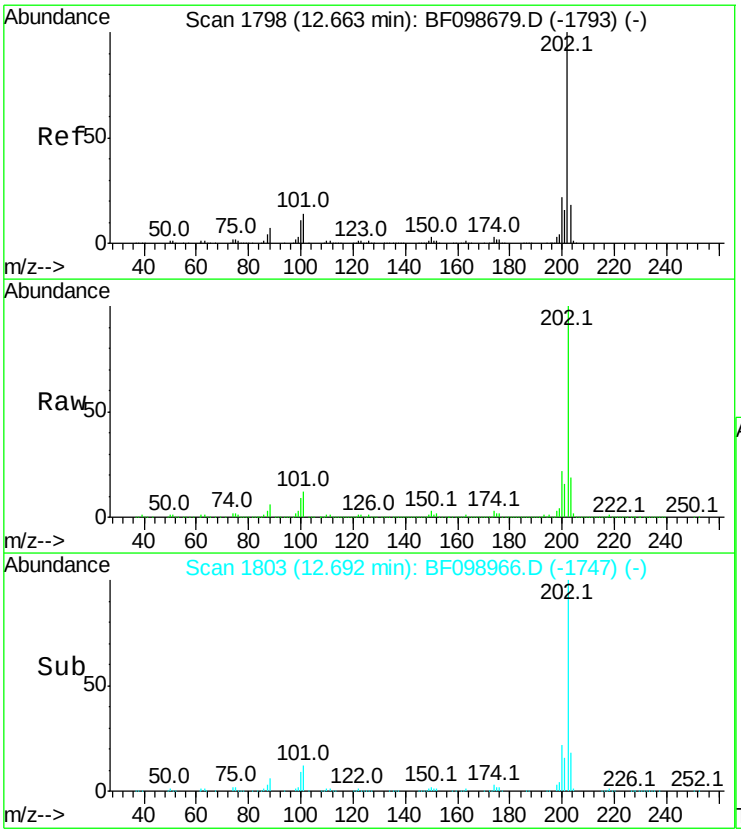

#72
Carbazole
Concen: 223.432 ng
RT: 11.70 min Scan# 1634
Delta R.T. 0.02 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:167 Resp: 2227610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.2 | 17.6 | 26.4 |
| 139 | 13.9 | 10.9 | 16.3 |

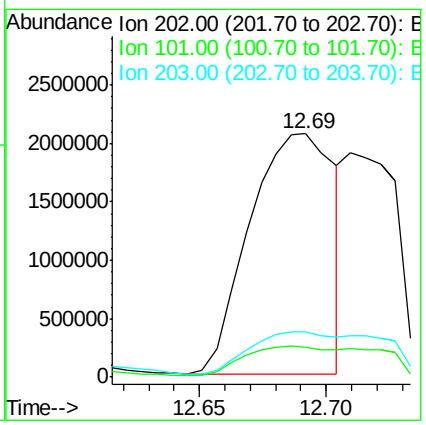


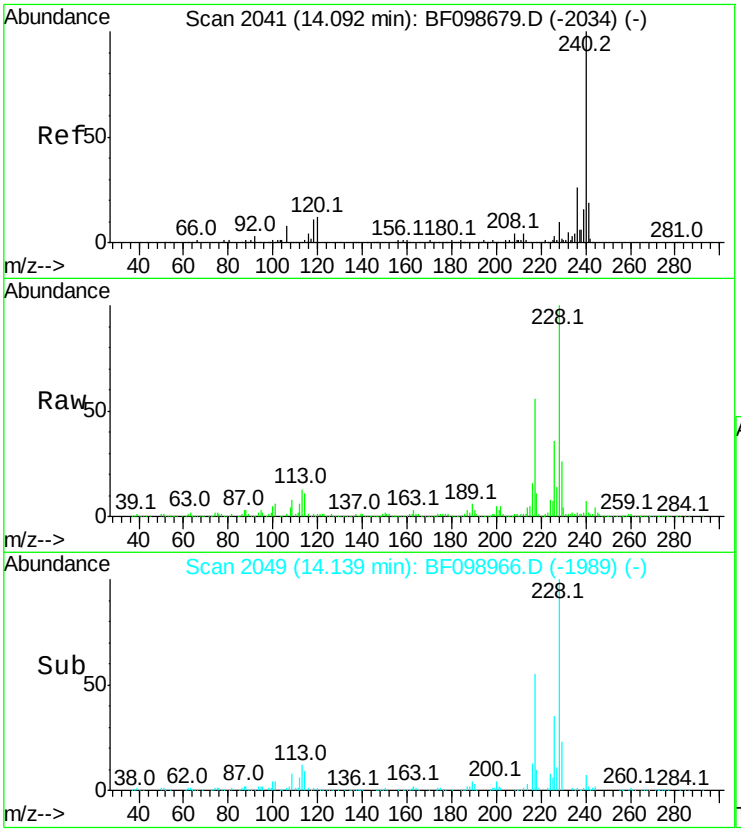




#74
Fluoranthene
Concen: 471.387 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.03 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:202 Resp: 4749565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.0 | 0.0 | 34.1 |
| 203 | 18.6 | 0.0 | 38.1 |



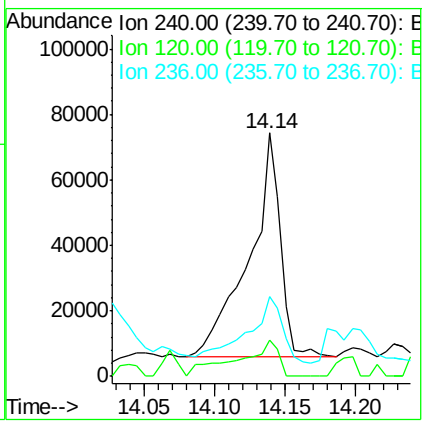


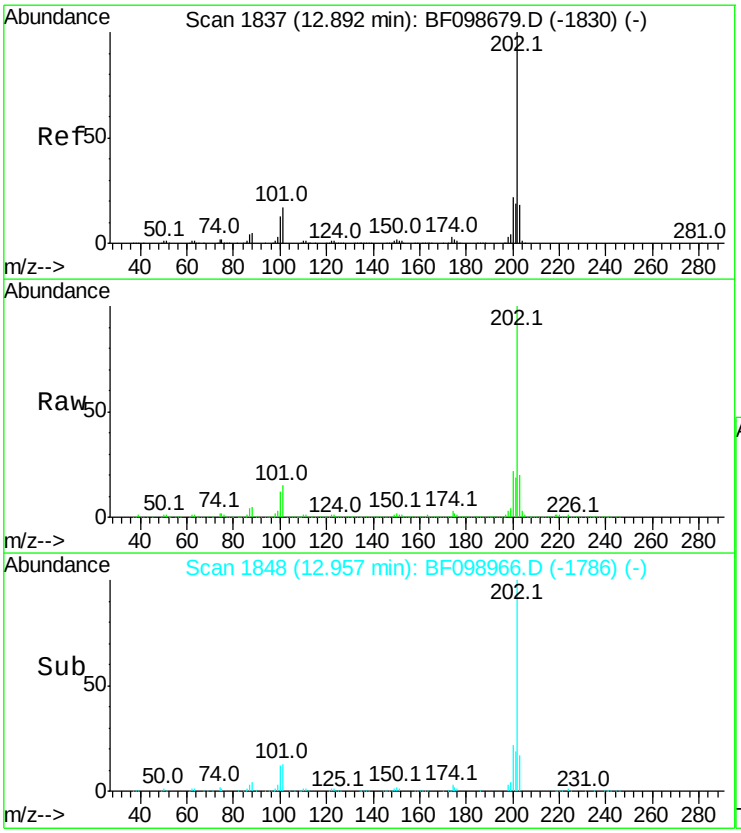

#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.05 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:240 Resp: 107510

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.9 | 9.5 | 14.3# |
| 236 | 32.8 | 20.7 | 31.1# |

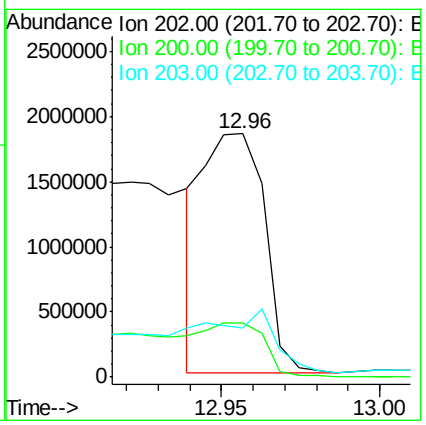


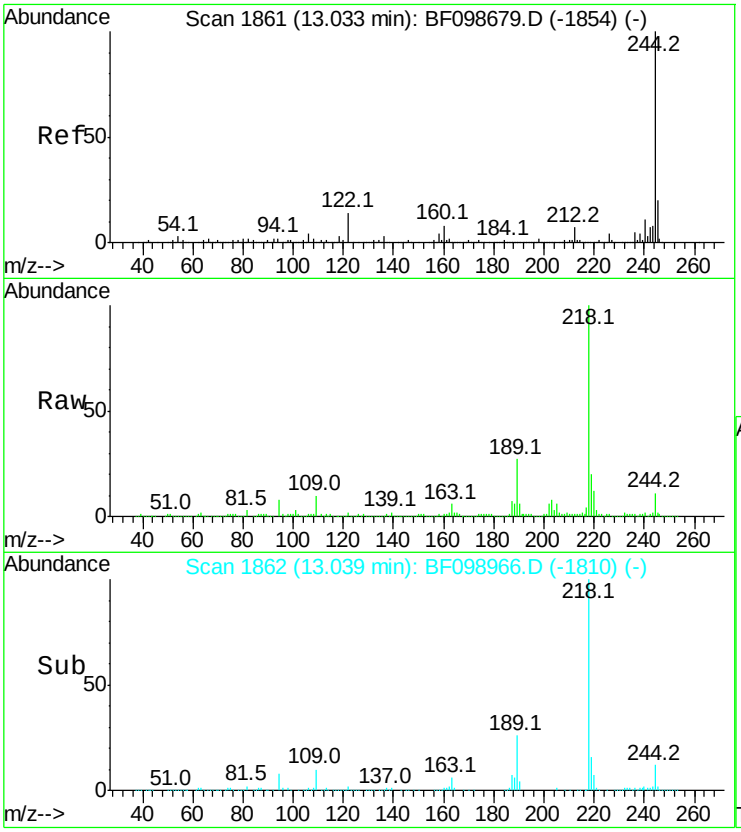




#77
Pyrene
Concen: 299.236 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.06 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:202 Resp: 2453147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.3 | 17.4 | 26.2 |
| 203 | 20.0 | 14.3 | 21.5 |



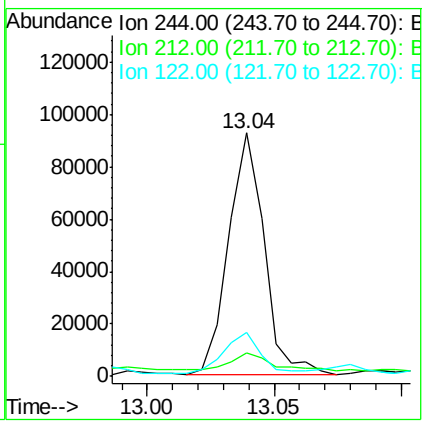


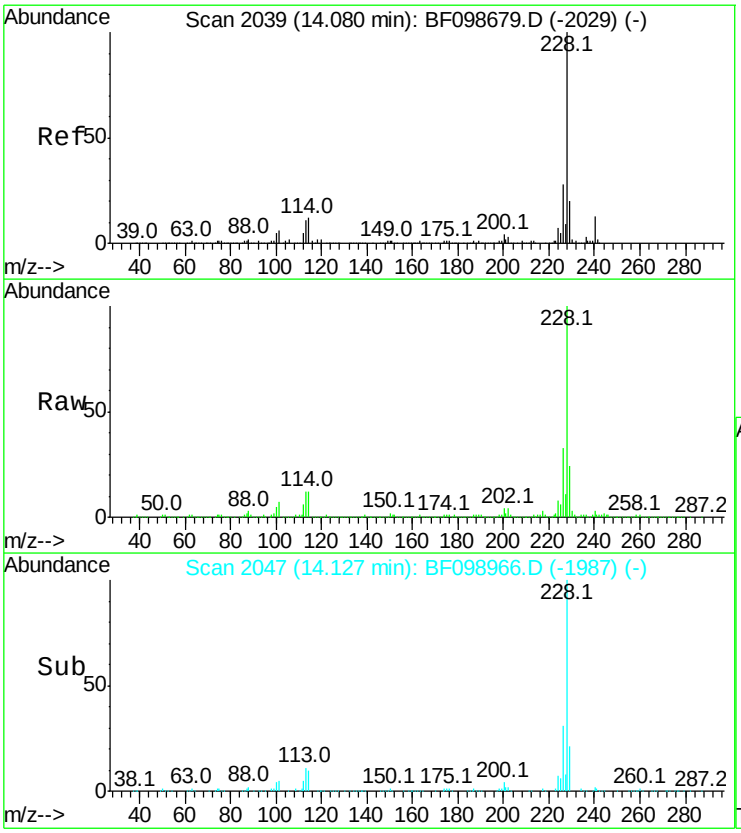

#78
Terphenyl-d14
Concen: 19.018 ng
RT: 13.04 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:244 Resp: 89904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.4 | 5.4 | 8.0# |
| 122 | 17.9 | 11.0 | 16.4# |

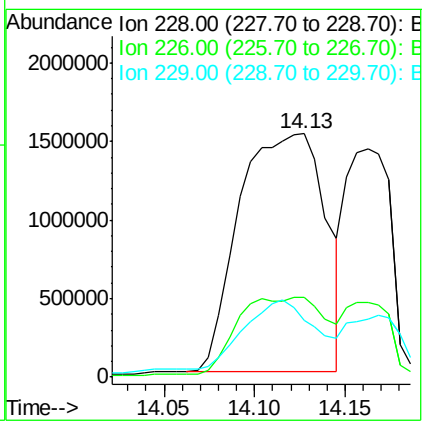


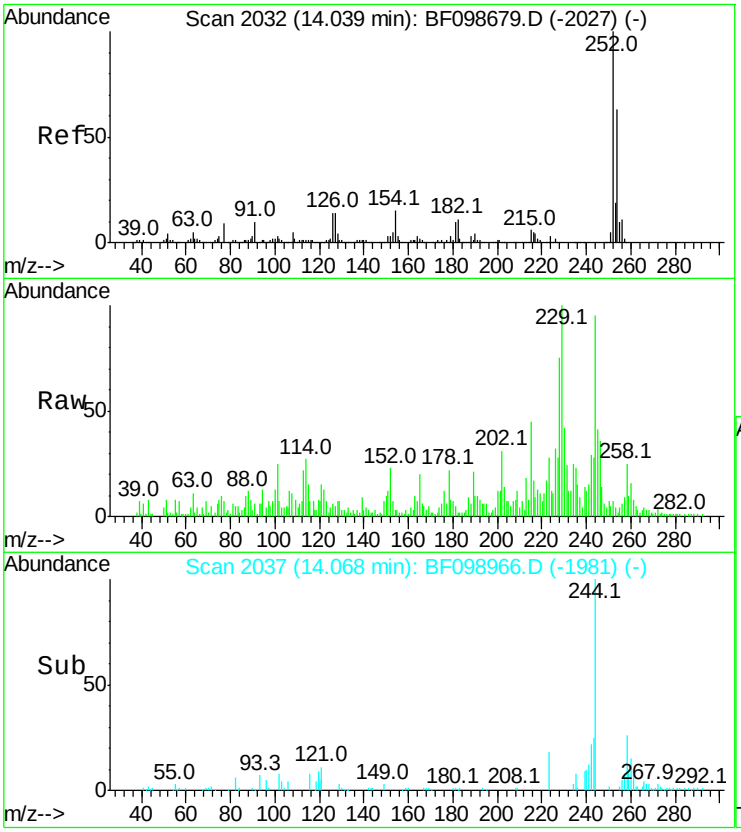




#80
Benzo(a)anthracene
Concen: 768.306 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.05 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:228 Resp: 5001671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.5 | 22.6 | 33.8 |
| 229 | 23.6 | 15.8 | 23.6 |



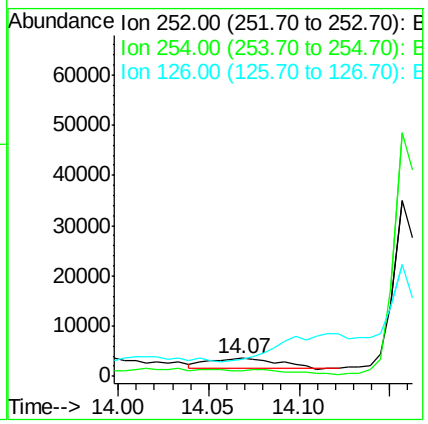


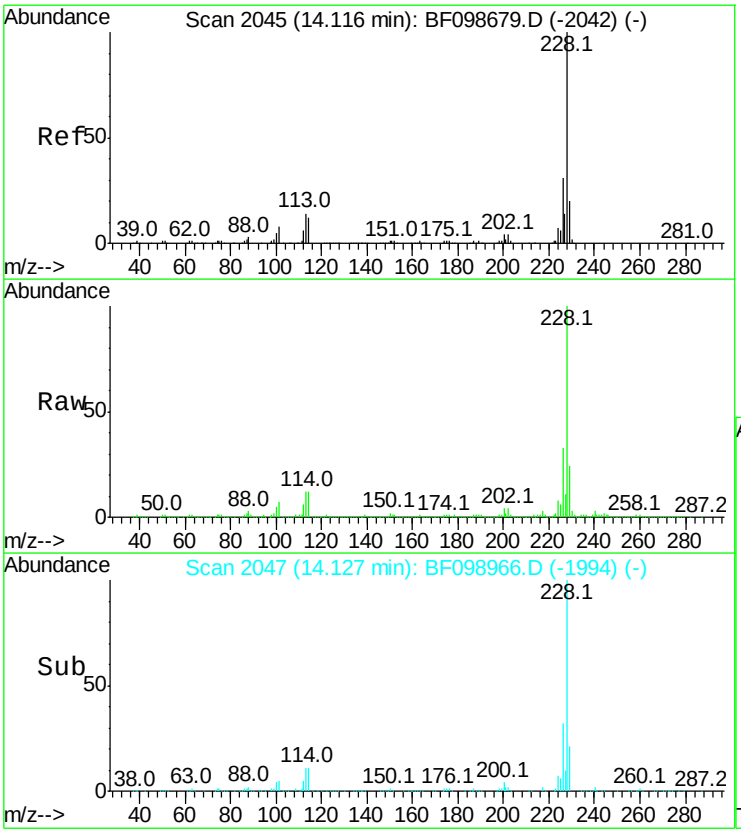

#81
3,3'-Dichlorobenzidine
Concen: 2.337 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.03 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:252 Resp: 5578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 33.7 | 50.4 | 75.6# |
| 126 | 95.3 | 11.3 | 16.9# |

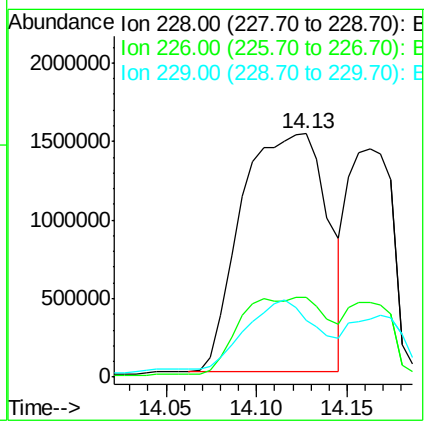


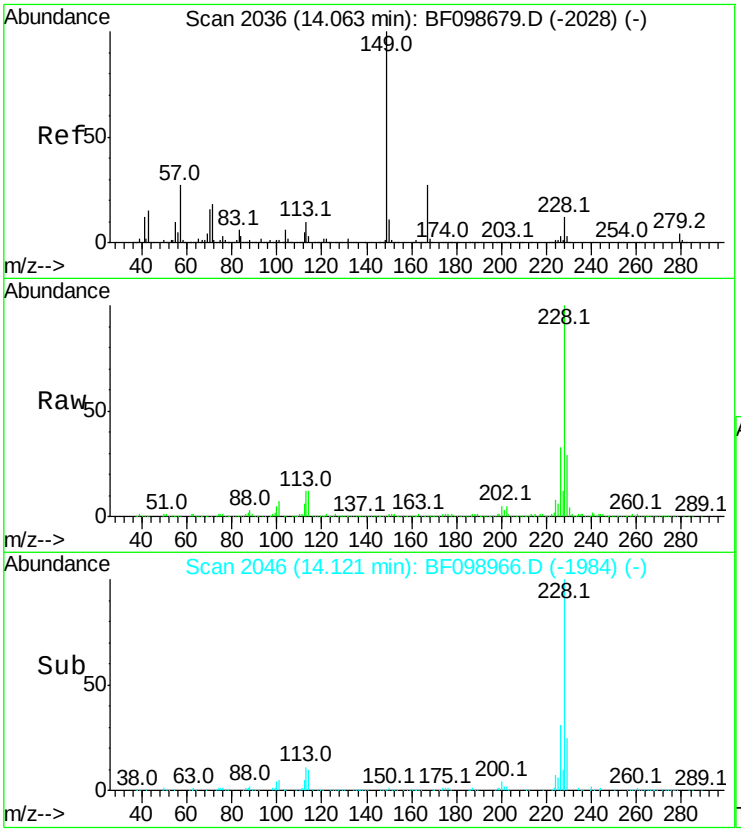




#82
Chrysene
Concen: 807.006 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:228 Resp: 5001671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.5 | 25.0 | 37.6 |
| 229 | 23.6 | 16.2 | 24.4 |



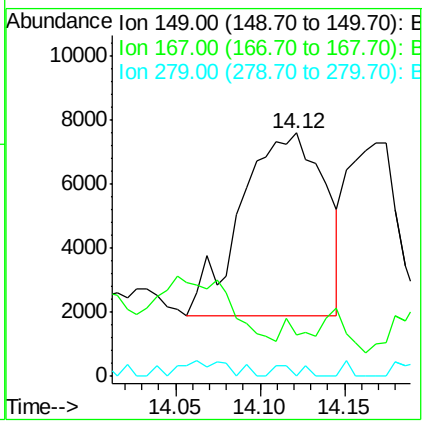


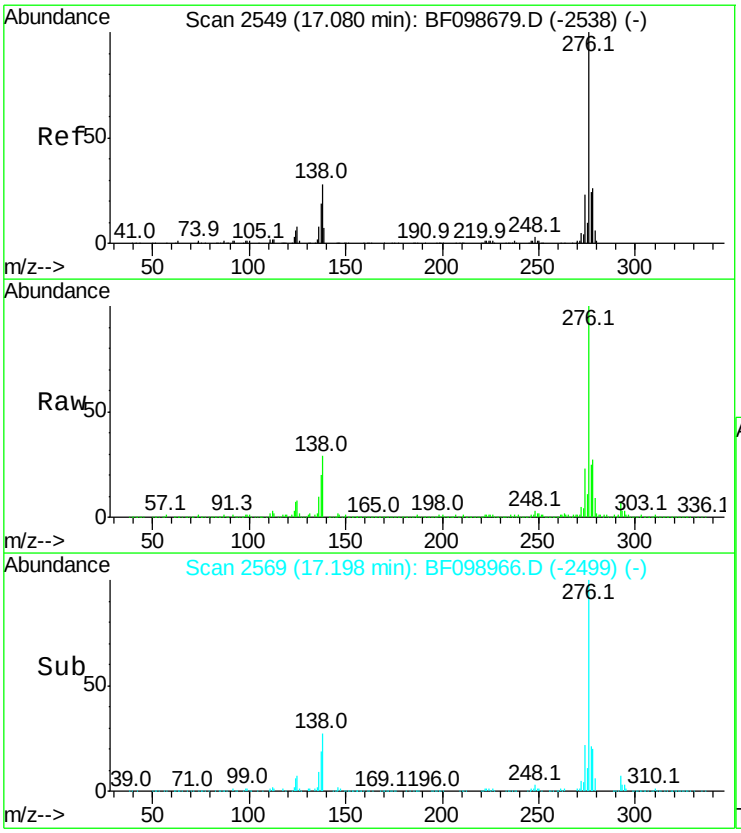

#83
Bis(2-ethylhexyl)phthalate
Concen: 3.669 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.06 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:149 Resp: 19463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 16.9 | 21.3 | 31.9# |
| 279 | 0.0 | 3.0 | 4.4# |

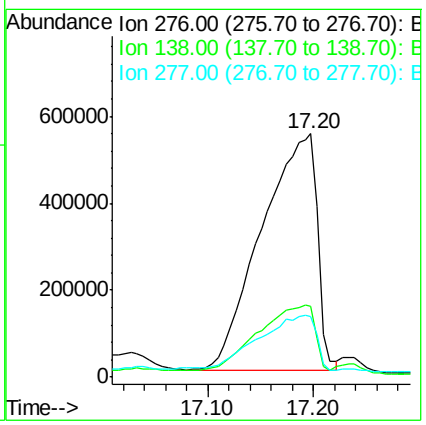


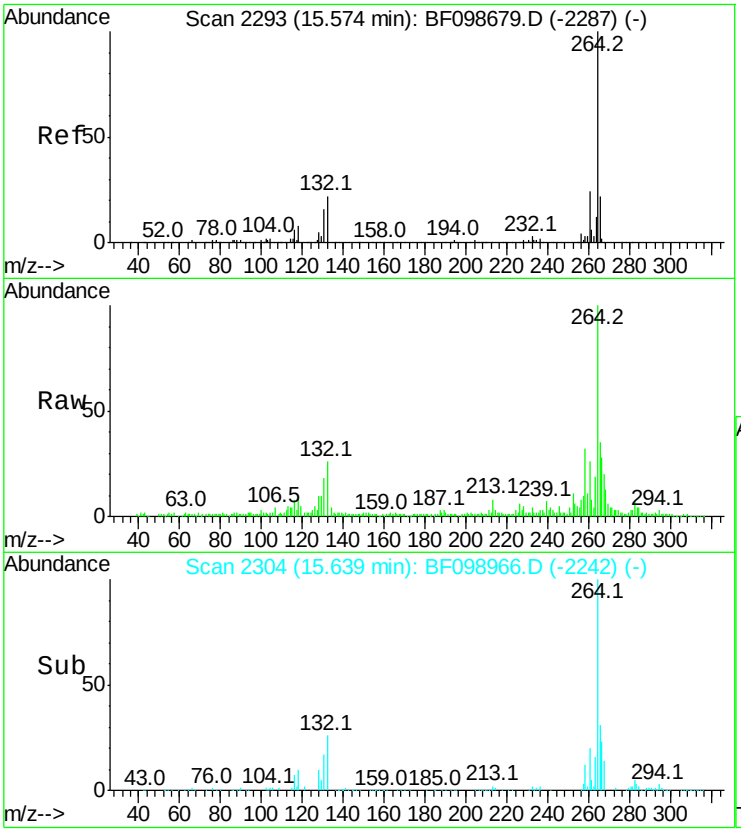




#85
Indeno(1,2,3-cd)pyrene
Concen: 400.653 ng
RT: 17.20 min Scan# 2569
Delta R.T. 0.11 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:276 Resp: 1986390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 28.9 | 25.0 | 37.6 |
| 277 | 24.0 | 20.1 | 30.1 |



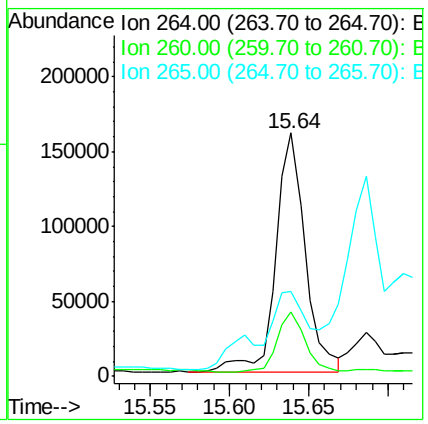


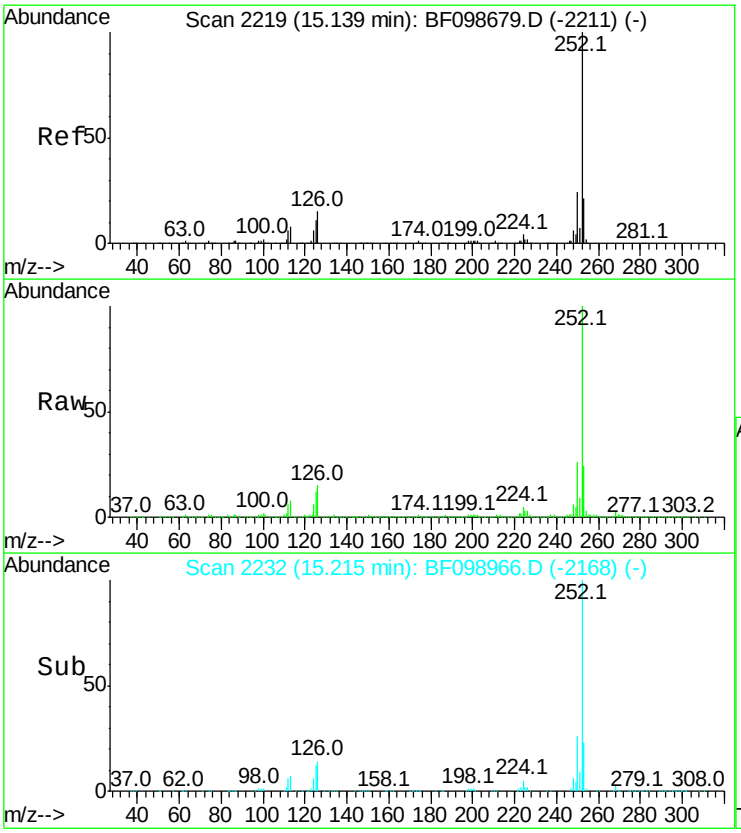

#86
Perylene-d12
Concen: 20.000 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.06 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:264 Resp: 206175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.4 | 19.2 | 28.8 |
| 265 | 35.1 | 17.5 | 26.3# |

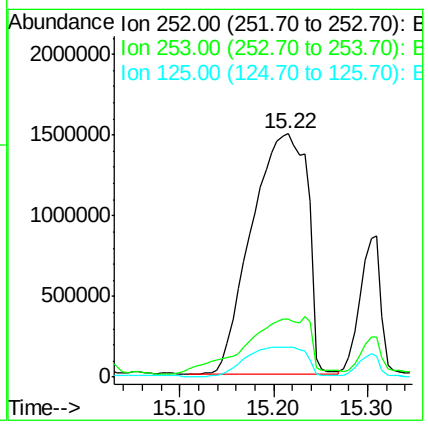


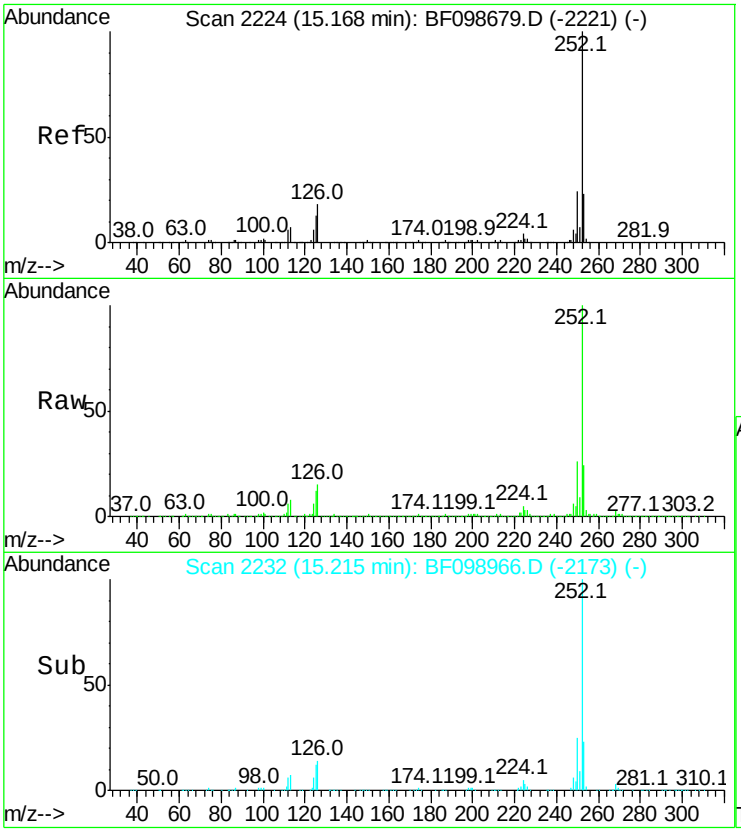




#87
Benzo(b)fluoranthene
Concen: 483.572 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.08 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:252 Resp: 6129991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 17.0 | 25.6 |
| 125 | 12.3 | 9.0 | 13.6 |



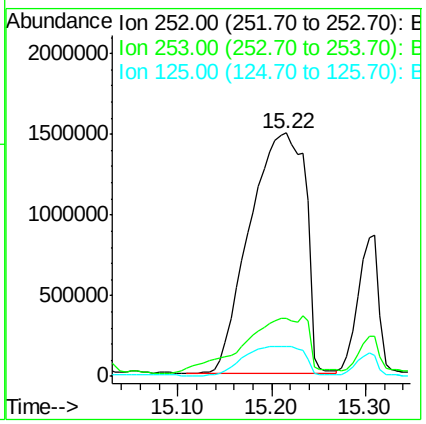


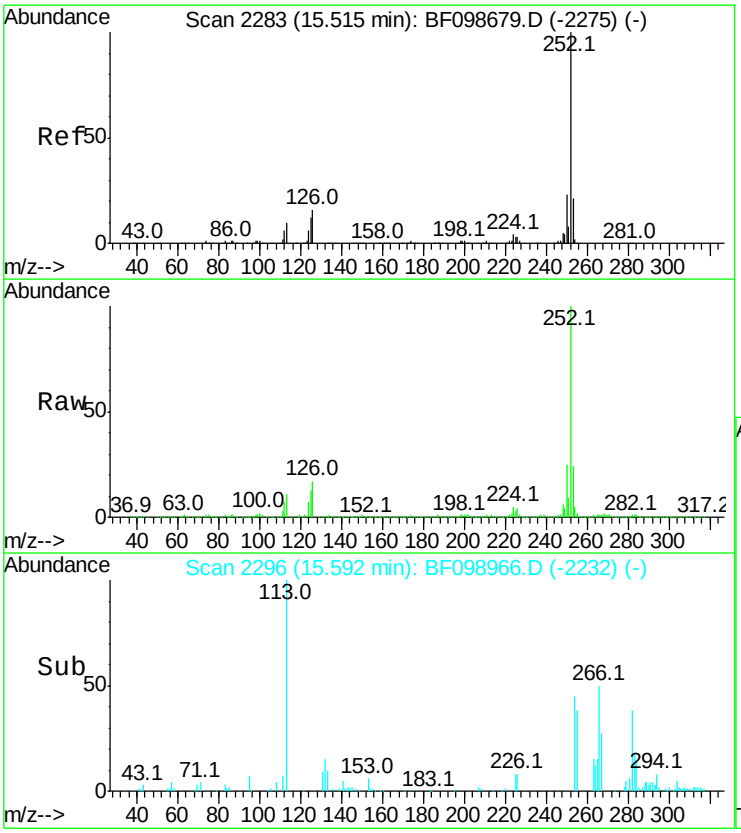

#88
Benzo(k)fluoranthene
Concen: 489.593 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.05 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:252 Resp: 6129991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.9 | 17.9 | 26.9 |
| 125 | 12.3 | 10.2 | 15.2 |

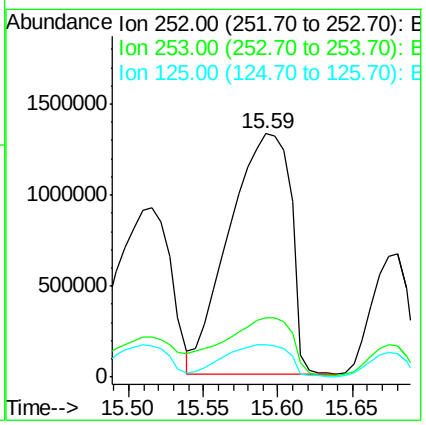


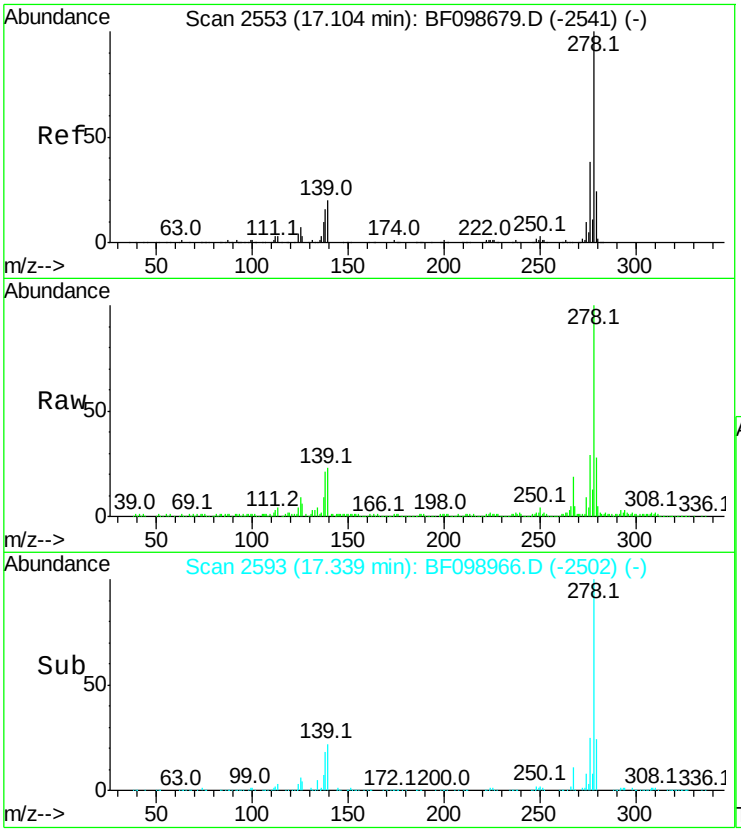




#89
Benzo(a)pyrene
Concen: 324.339 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.08 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:252 Resp: 3774039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.4 | 17.1 | 25.7 |
| 125 | 13.1 | 9.8 | 14.6 |



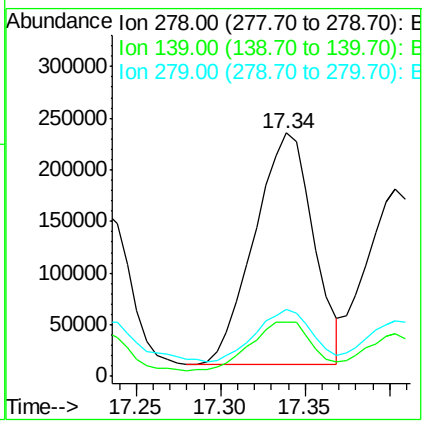


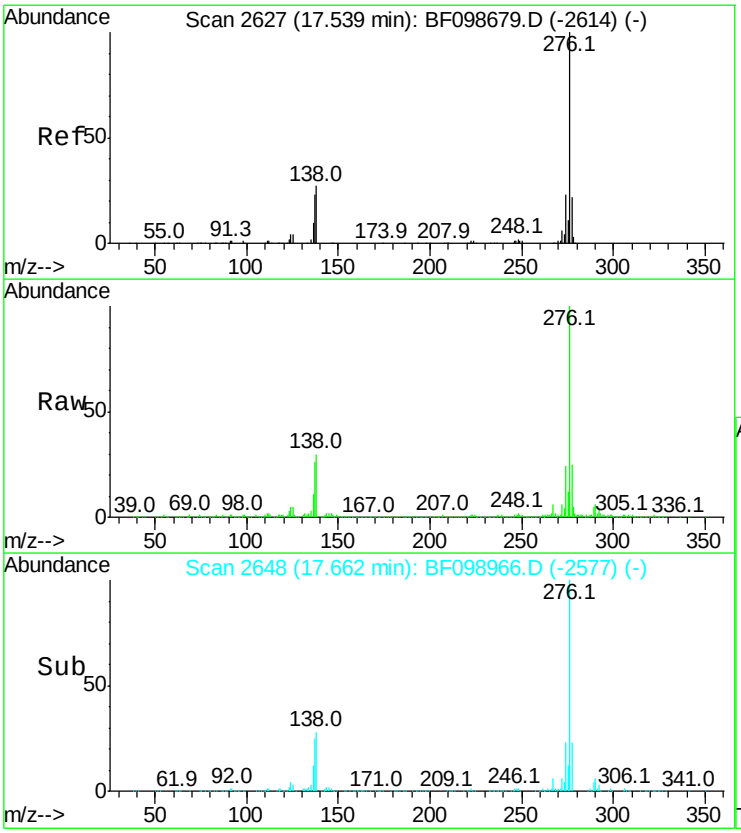

#90
Dibenzo(a,h)anthracene
Concen: 58.515 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.24 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

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

Tgt Ion:278 Resp: 544912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 22.5 | 15.9 | 23.9 |
| 279 | 27.6 | 19.0 | 28.4 |




#91
Benzo(g,h,i)perylene
Concen: 187.588 ng
RT: 17.66 min Scan# 2648
Delta R.T. 0.12 min
Lab File: BF098966.D
Acq: 30 Sep 2017 16:51

Tgt Ion:276 Resp: 1726759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.2 | 17.9 | 26.9 |
| 138 | 30.3 | 21.8 | 32.8 |