Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103098.D
Acq On : 19 Feb 2018 23:09
Operator : SJ/JU
Sample : J1600-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Feb 20 00:20:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.87 | 152 | 177119 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.16 | 136 | 741460 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.92 | 164 | 314747 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.40 | 188 | 461239 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.06 | 240 | 237705 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.55 | 264 | 285488 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.50 | 112 | 1124853 | 96.45 | ng | | 0.00 |
| 7) Phenol-d6 | 6.51 | 99 | 1348448 | 96.02 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.44 | 82 | 876491 | 82.00 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.71 | 330 | 240047 | 94.75 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.23 | 172 | 1201706 | 63.35 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.99 | 244 | 712745 | 71.00 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.52 | 94 | 31045 | 2.06 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 7.44 | 70 | 115692 | 12.50 | ng | # | 79 |
| 25) Isophorone | 7.44 | 82 | 876486 | 35.61 | ng | # | 64 |
| 26) 2-Nitrophenol | 7.69 | 139 | 455 | 8.74 | ng | # | 3 |
| 31) Naphthalene | 8.18 | 128 | 297364 | 8.21 | ng | | 100 |
| 32) Benzoic acid | 7.95 | 122 | 2287 | 8.84 | ng | # | 47 |
| 33) 4-Chloroaniline | 8.18 | 127 | 40005 | 2.56 | ng | # | 37 |
| 37) 2-Methylnaphthalene | 8.87 | 142 | 69860 | 2.95 | ng | | 97 |
| 47) 2-Nitroaniline | 9.43 | 65 | 190 | 3.50 | ng | # | 2 |
| 48) Acenaphthylene | 9.77 | 152 | 549305 | 16.95 | ng | | 99 |
| 49) Dimethylphthalate | 9.62 | 163 | 127517 | 5.20 | ng | | 99 |
| 54) Dibenzofuran | 10.12 | 168 | 172926 | 6.33 | ng | | 97 |
| 55) 4-Nitrophenol | 10.12 | 139 | 68606 | 17.82 | ng | # | 11 |
| 56) 2,4-Dinitrotoluene | 10.09 | 165 | 1954 | 3.37 | ng | # | 61 |
| 57) Fluorene | 10.46 | 166 | 384945 | 19.37 | ng | | 99 |
| 64) 4,6-Dinitro-2-methylphenol | 10.71 | 198 | 532 | 9.05 | ng | # | 1 |
| 66) 4-Bromophenyl-phenylether | 10.70 | 248 | 16002 | 3.28 | ng | # | 1 |
| 70) Phenanthrene | 11.44 | 178 | 1939735 | 75.51 | ng | | 99 |
| 71) Anthracene | 11.49 | 178 | 840358 | 32.16 | ng | | 99 |
| 72) Carbazole | 11.63 | 167 | 132068 | 5.16 | ng | | 99 |
| 74) Fluoranthene | 12.64 | 202 | 2812391 | 108.82 | ng | | 99 |
| 77) Pyrene | 12.87 | 202 | 2192027 | 117.60 | ng | | 99 |
| 80) Benzo(a)anthracene | 14.09 | 228 | 1198138 | 80.15 | ng | | 93 |
| 82) Chrysene | 14.09 | 228 | 1198138 | 79.51 | ng | | 97 |
| 85) Indeno(1,2,3-cd)pyrene | 17.07 | 276 | 664272 | 53.15 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 15.12 | 252 | 2320936 | 125.39 | ng | # | 95 |
| 88) Benzo(k)fluoranthene | 15.12 | 252 | 2320936 | 131.23 | ng | | 98 |
| 89) Benzo(a)pyrene | 15.50 | 252 | 1207871 | 72.50 | ng | | 95 |
| 90) Dibenzo(a,h)anthracene | 17.24 | 278 | 163809 | 12.11 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.53 | 276 | 586657 | 44.32 | ng | | 96 |

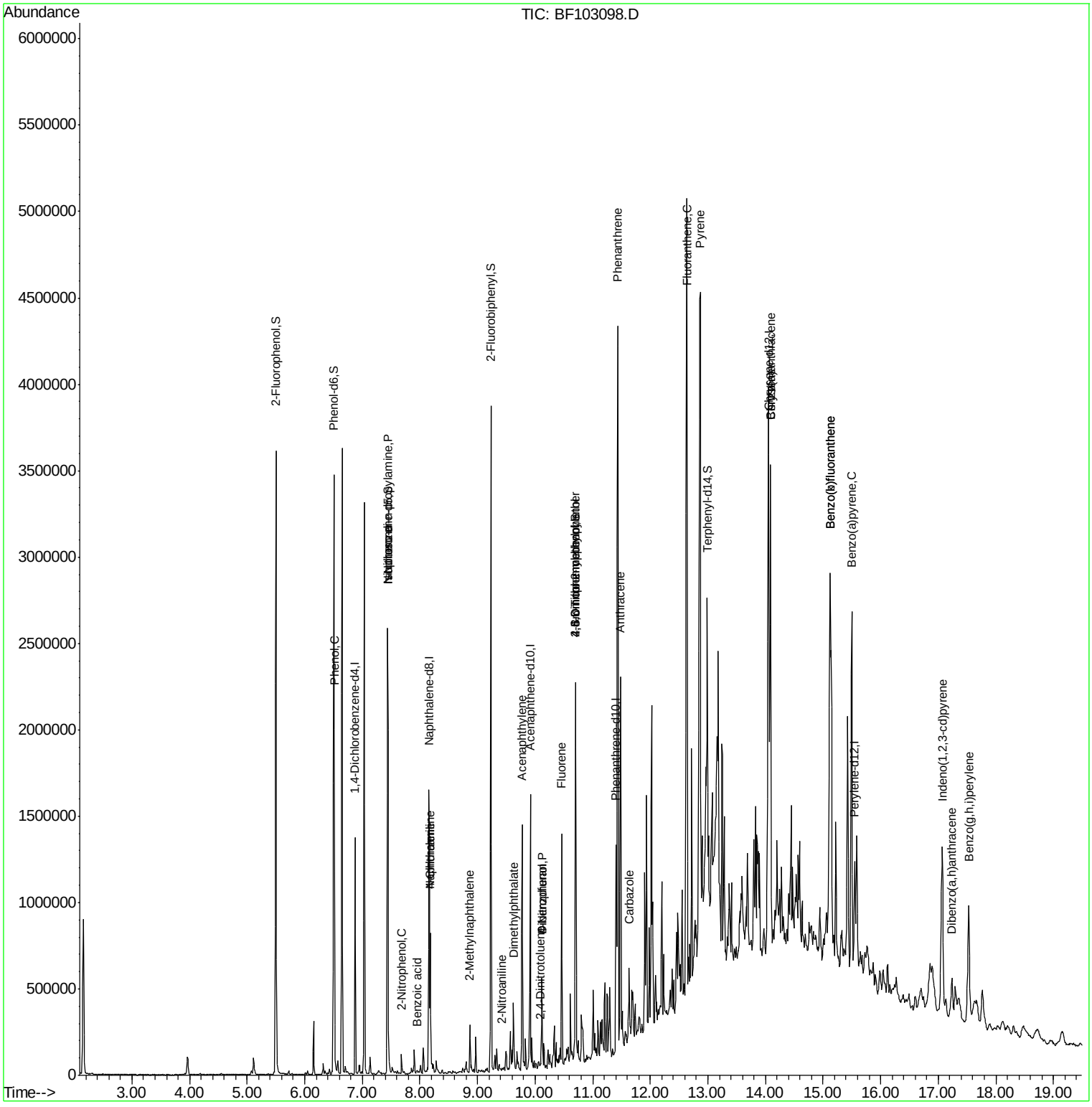
(#) = qualifier out of range (m) = manual integration (+) = signals summed

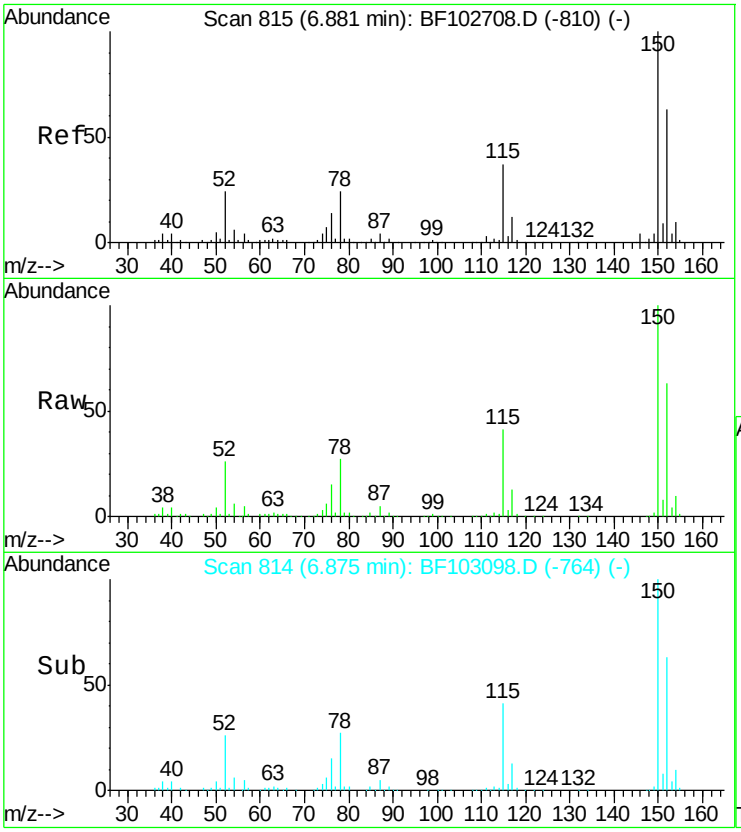
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
Data File : BF103098.D
Acq On : 19 Feb 2018 23:09
Operator : SJ/JU
Sample : J1600-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Feb 20 00:20:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration



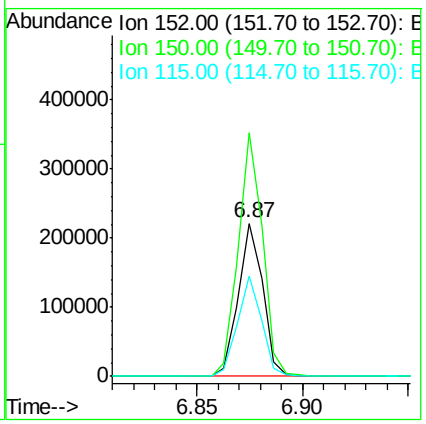


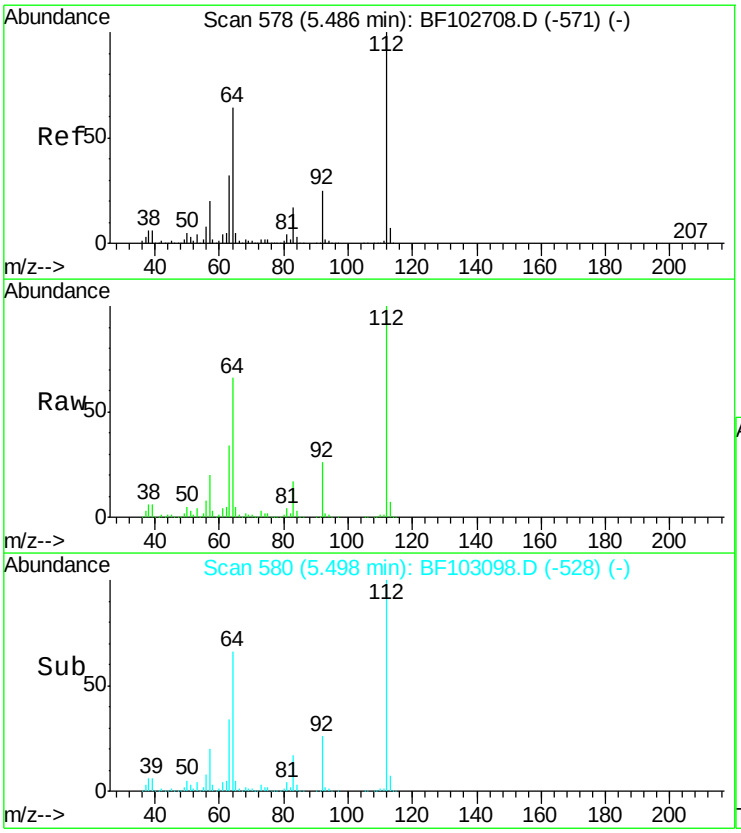

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:152 Resp: 177119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.7 | 124.6 | 186.8 |
| 115 | 65.3 | 50.1 | 75.1 |

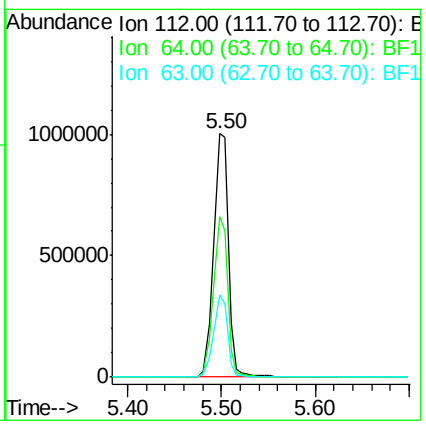


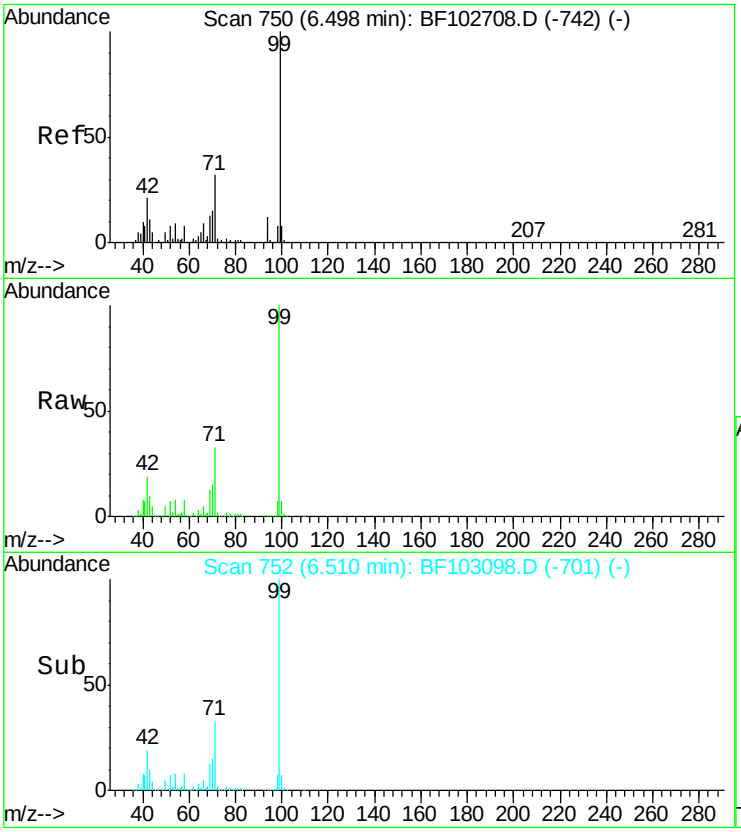




#5
2-Fluorophenol
Concen: 96.45 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:112 Resp: 1124853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.1 | 47.9 | 71.9 |
| 63 | 33.8 | 23.7 | 35.5 |



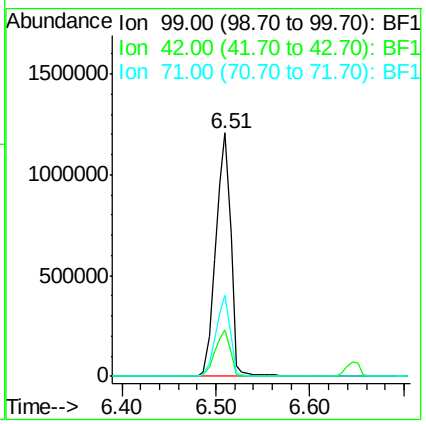


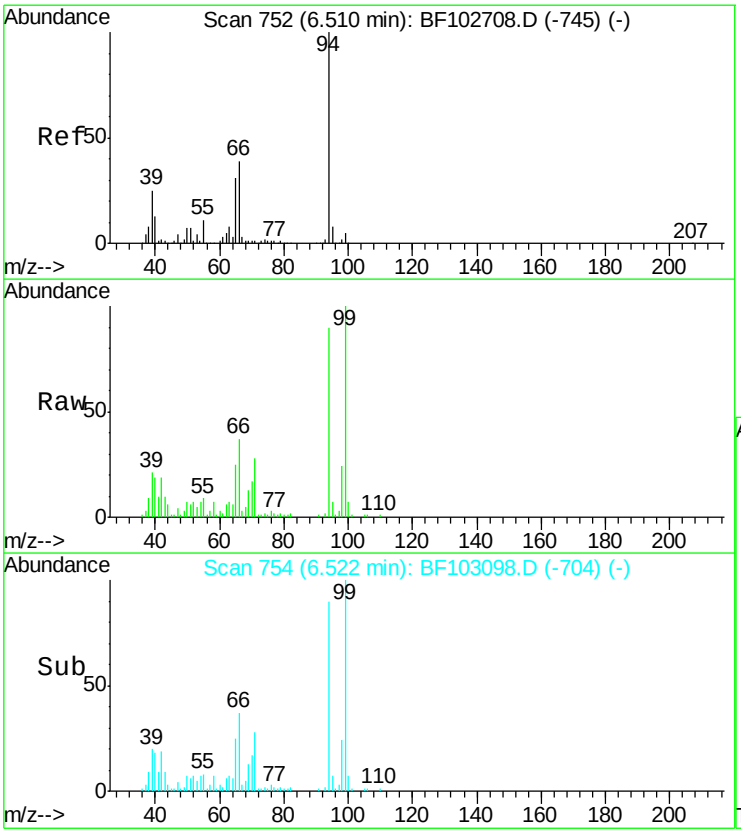

#7
Phenol-d6
Concen: 96.02 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion: 99 Resp: 1348448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.2 | 14.5 | 21.7 |
| 71 | 33.3 | 25.4 | 38.0 |

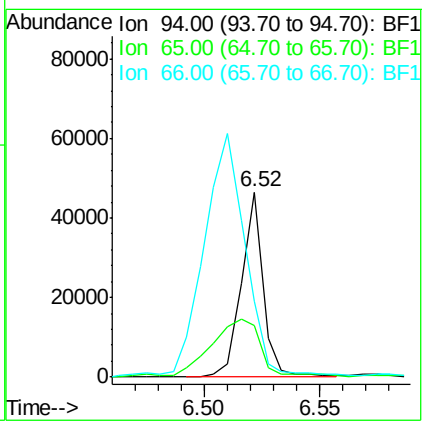


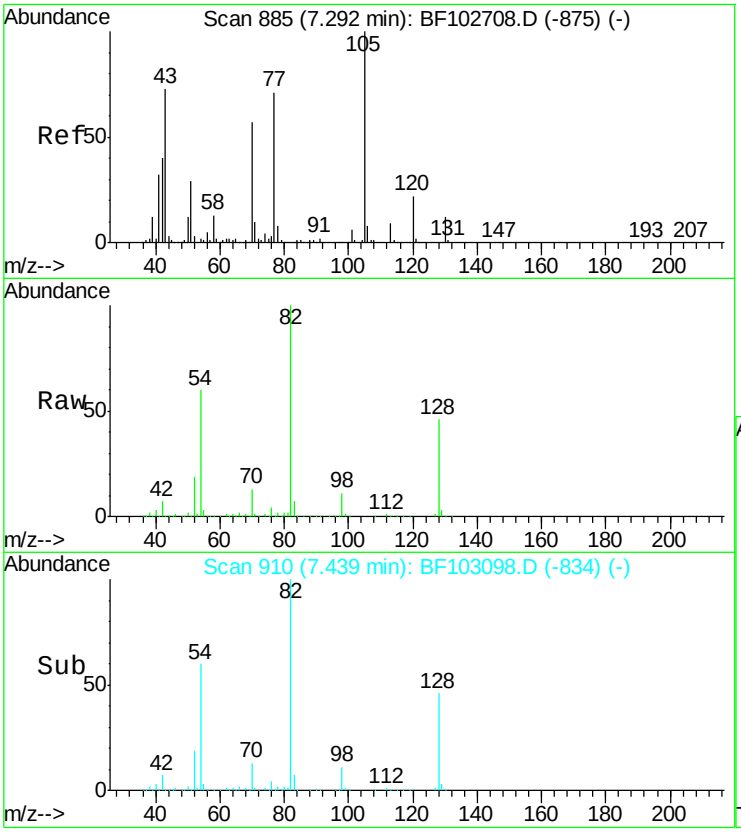




#10
Phenol
Concen: 2.06 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion: 94 Resp: 31045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.0 | 7.9 | 47.9 |
| 66 | 40.9 | 16.2 | 56.2 |



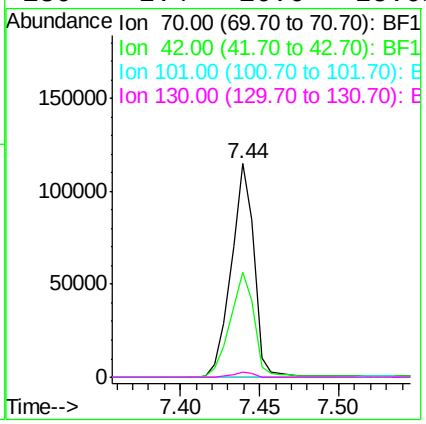


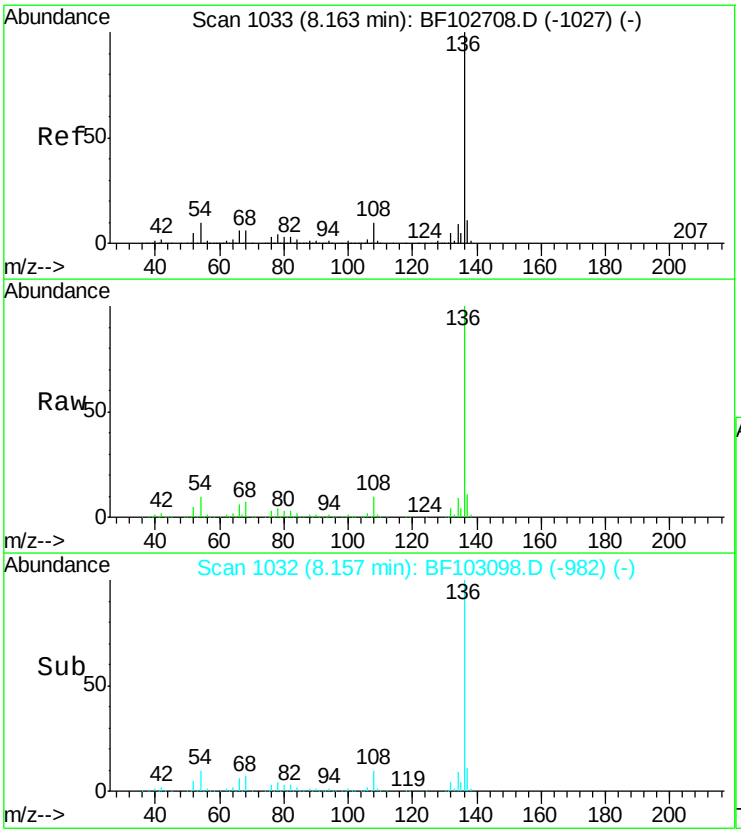

#19
n-Nitroso-di-n-propylamine
Concen: 12.50 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion: 70 Resp: 115692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 49.2 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.4 | 16.6 | 25.0# |

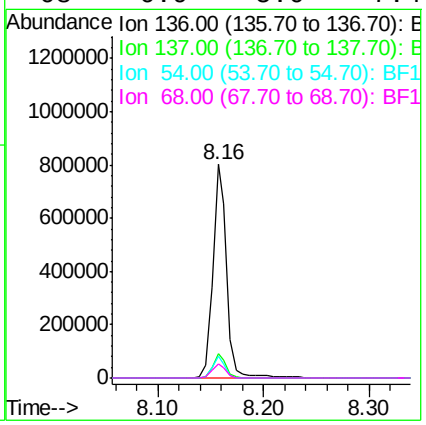


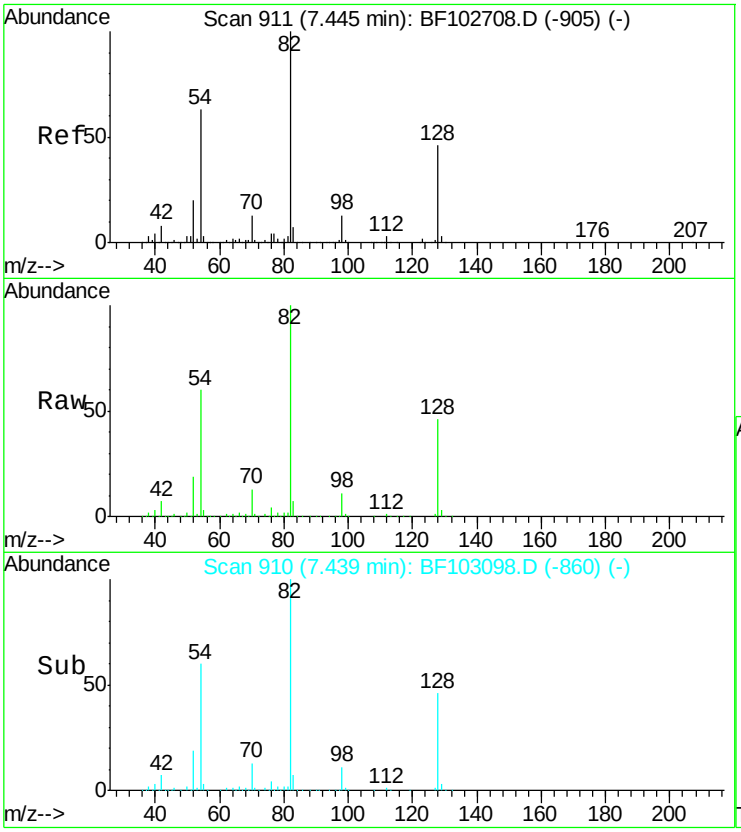




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:136 Resp: 741460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.9 | 13.3 |
| 54 | 10.2 | 6.6 | 9.8# |
| 68 | 6.9 | 5.0 | 7.4 |



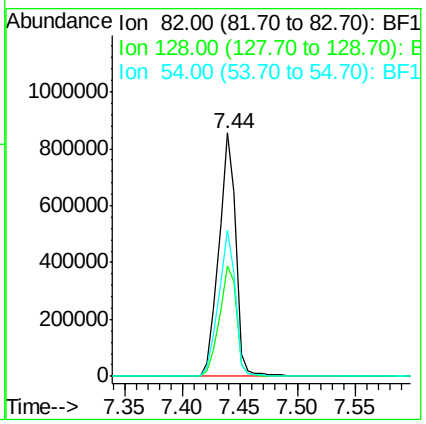


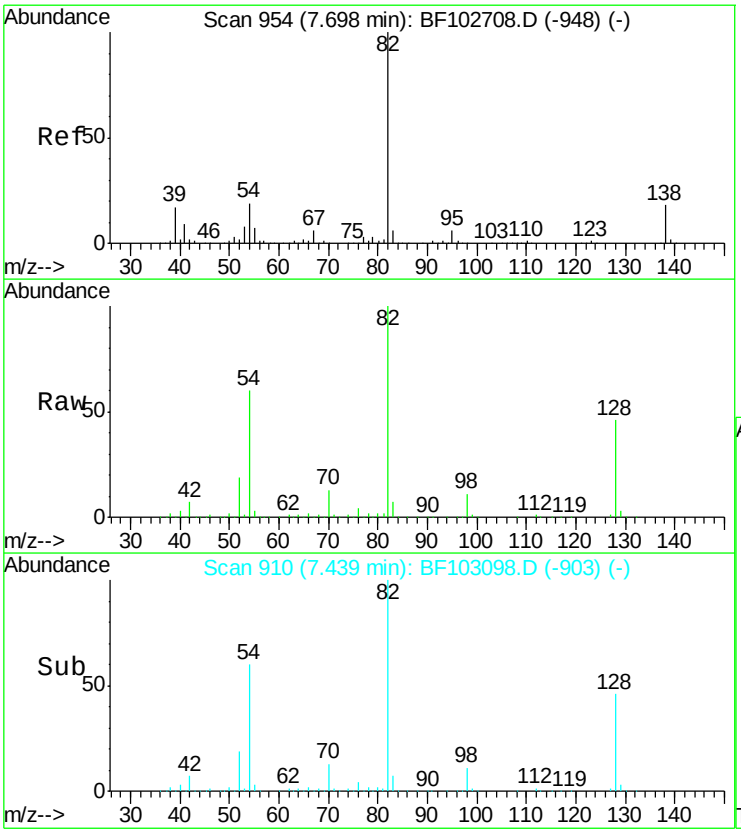

#23
Nitrobenzene-d5
Concen: 82.00 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion: 82 Resp: 876491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.5 | 36.1 | 54.1 |
| 54 | 59.8 | 41.4 | 62.2 |

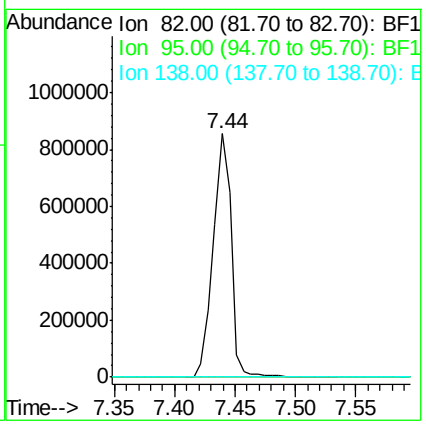


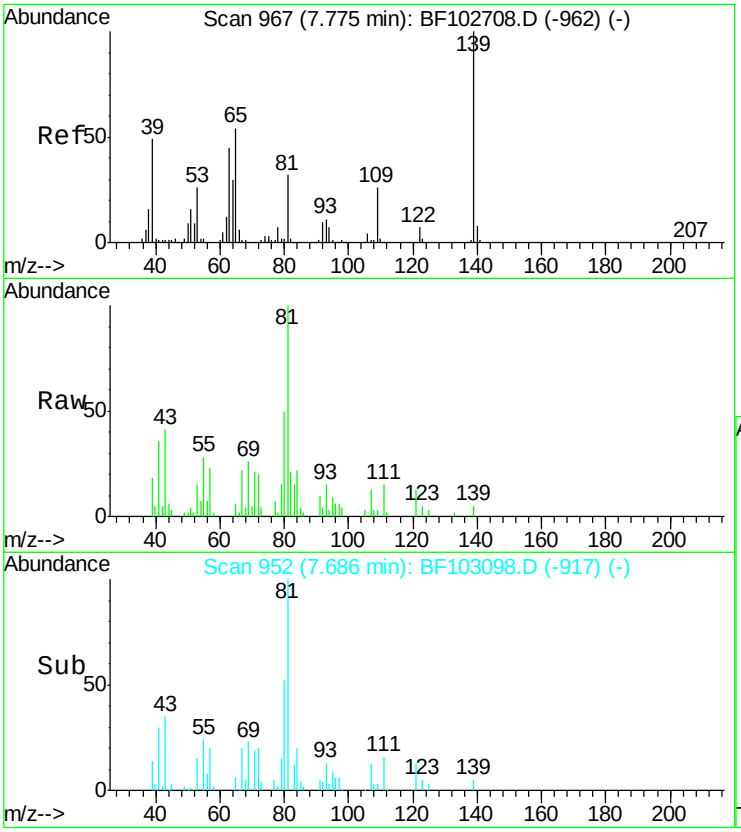




#25
Isophorone
Concen: 35.61 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion: 82 Resp: 876486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |



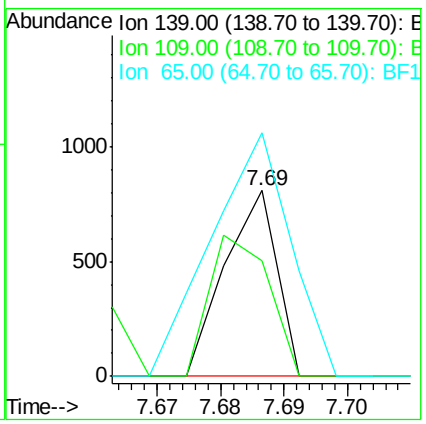


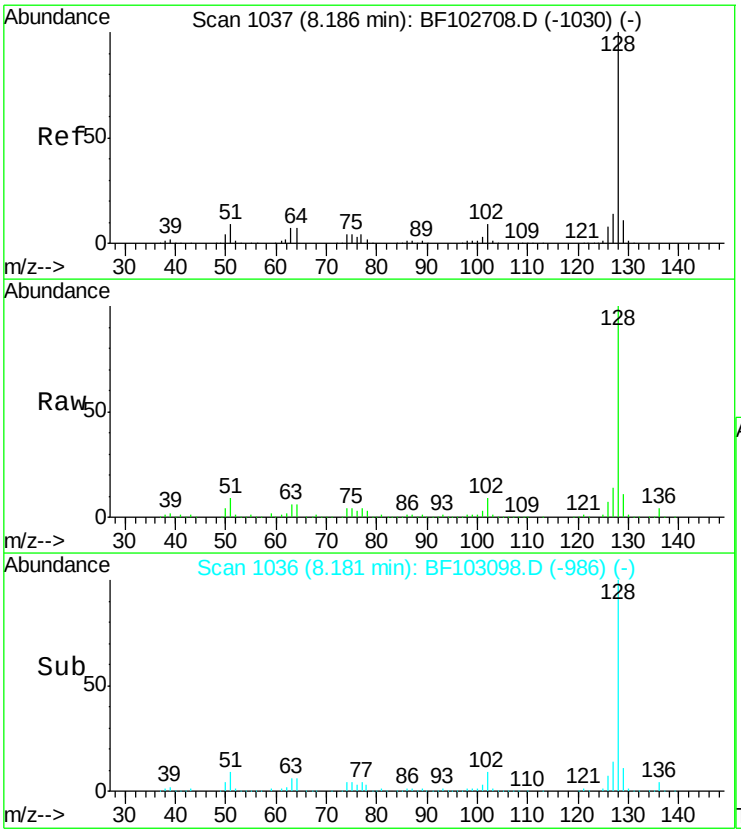

#26
2-Nitrophenol
Concen: 8.74 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.09 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:139 Resp: 455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 62.3 | 22.7 | 34.1# |
| 65 | 131.0 | 40.5 | 60.7# |

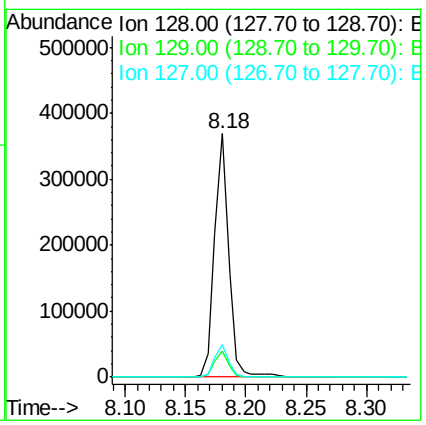


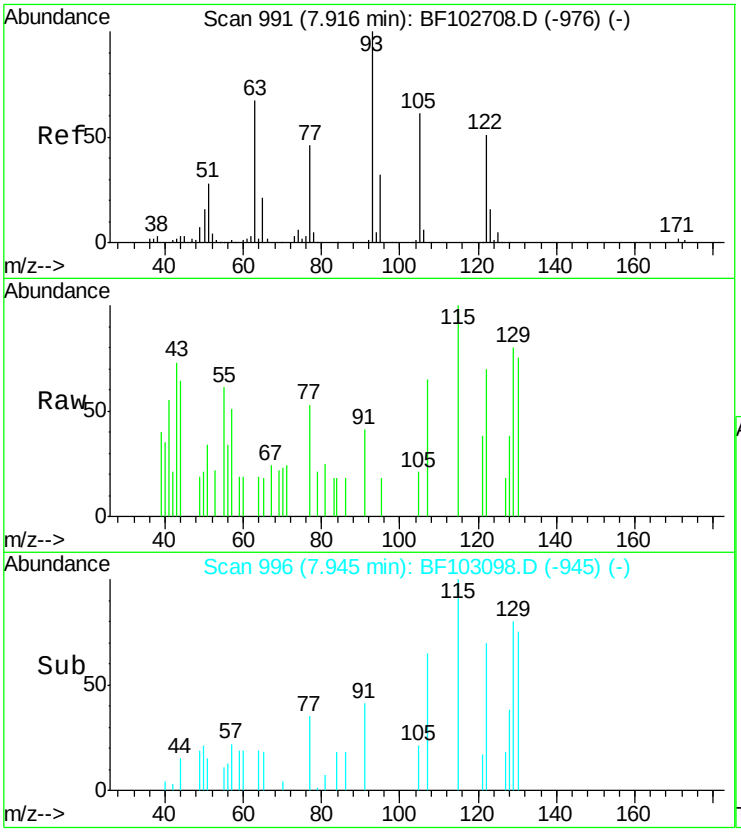




#31
Naphthalene
Concen: 8.21 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:128 Resp: 297364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.8 | 13.2 |
| 127 | 13.5 | 10.9 | 16.3 |



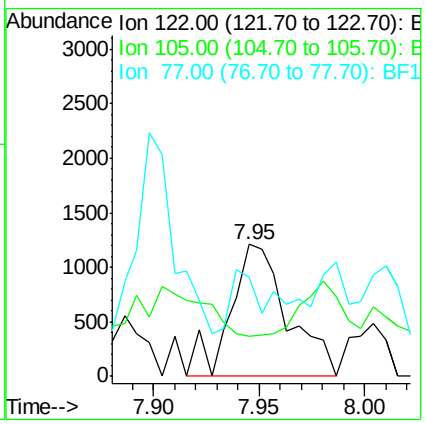


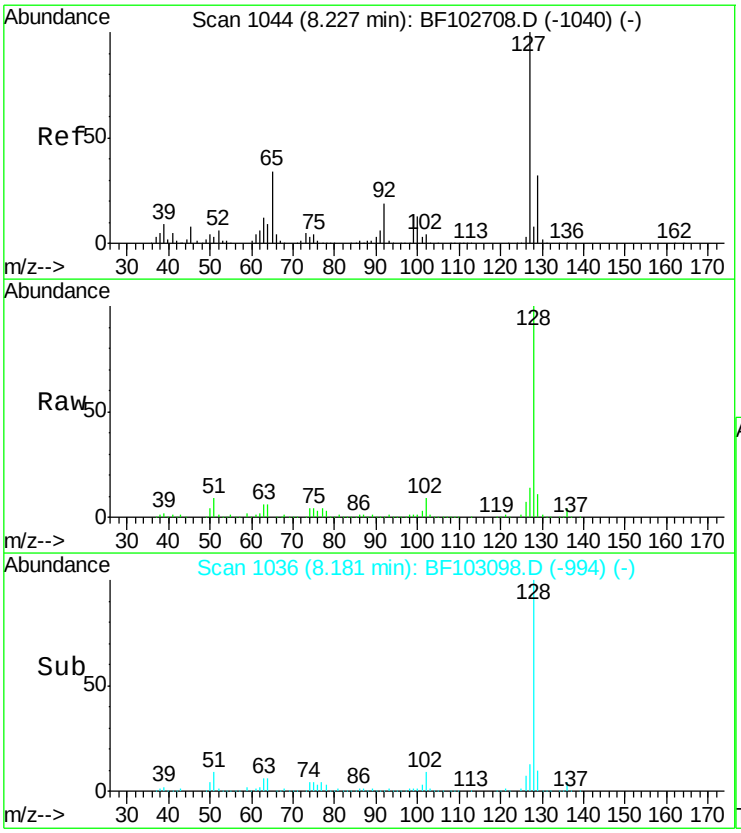

#32
Benzoic acid
Concen: 8.84 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:122 Resp: 2287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 30.6 | 101.1 | 141.1# |
| 77 | 75.1 | 70.7 | 110.7 |

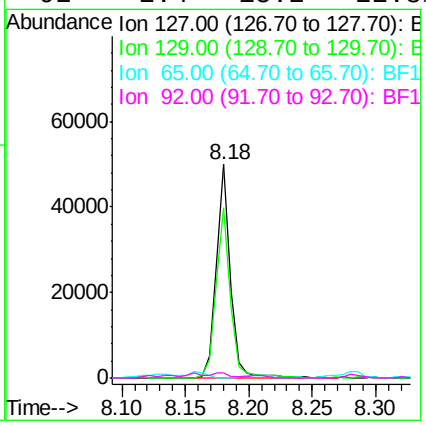


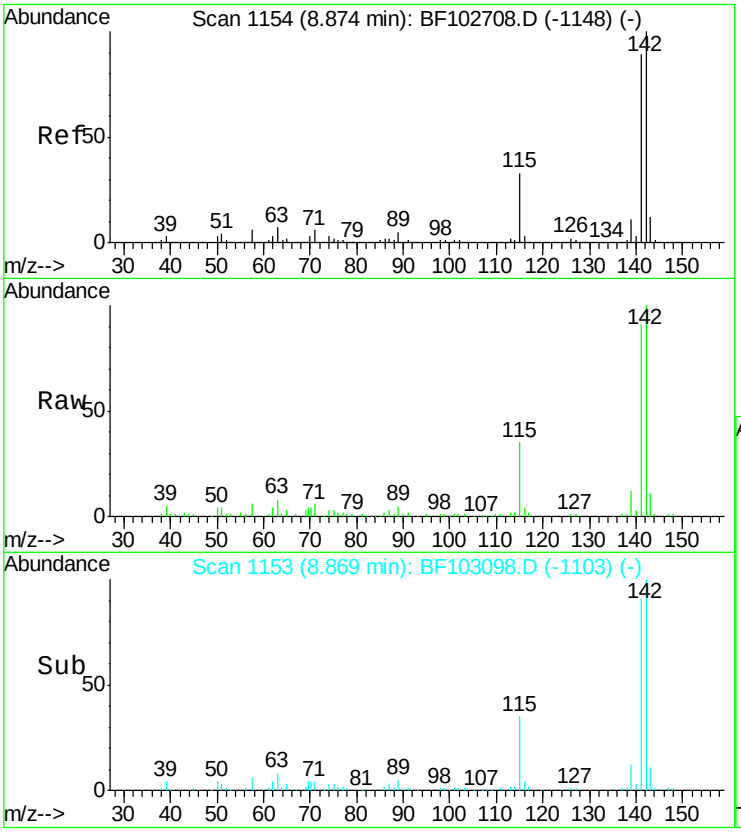




#33
4-Chloroaniline
Concen: 2.56 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:127 Resp: 40005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 79.6 | 25.9 | 38.9# |
| 65 | 0.0 | 25.0 | 37.4# |
| 92 | 2.4 | 15.2 | 22.8# |



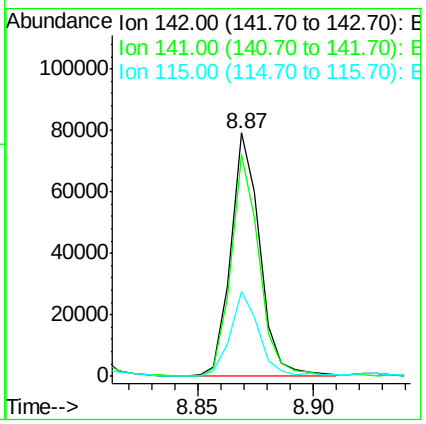


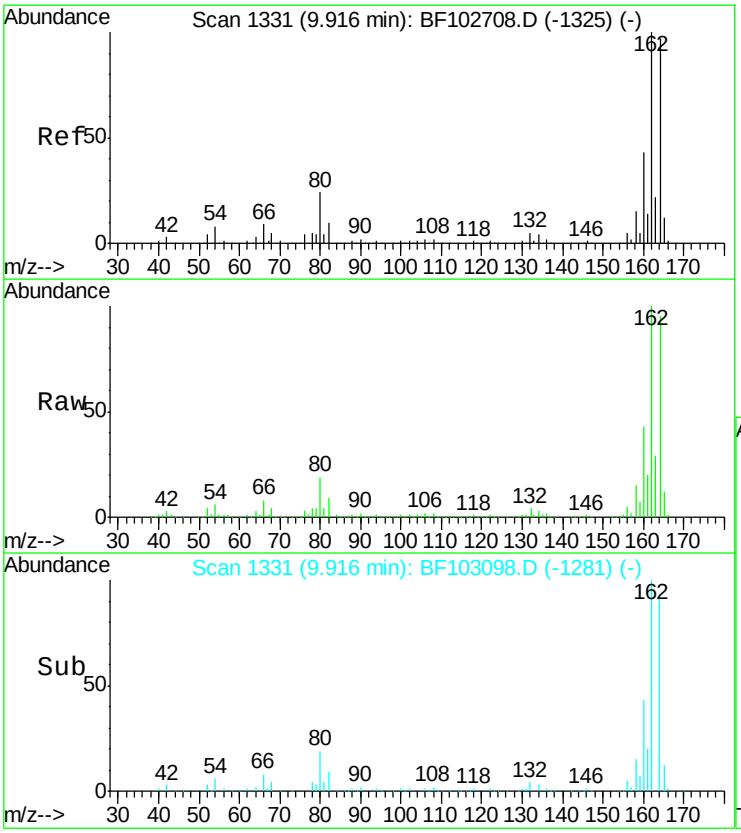

#37
2-Methylnaphthalene
Concen: 2.95 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:142 Resp: 69860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.4 | 70.8 | 106.2 |
| 115 | 34.7 | 26.1 | 39.1 |

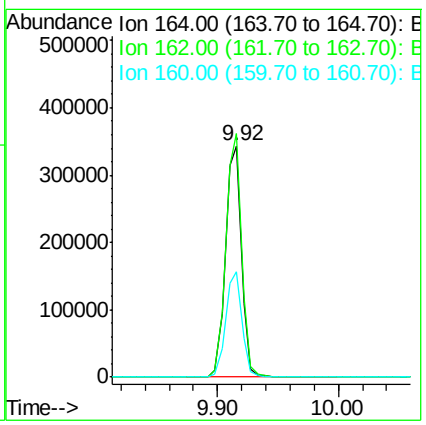


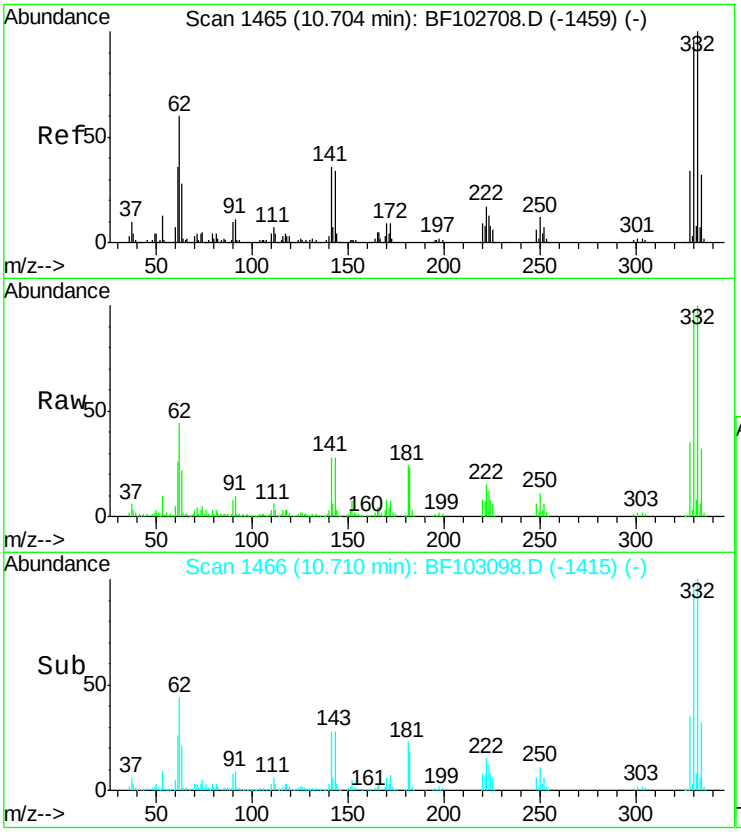




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:164 Resp: 314747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.4 | 86.1 | 129.1 |
| 160 | 45.6 | 38.3 | 57.5 |



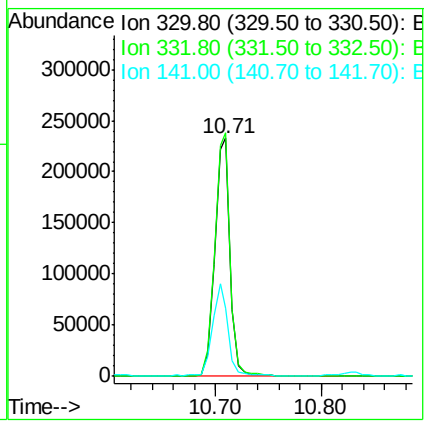


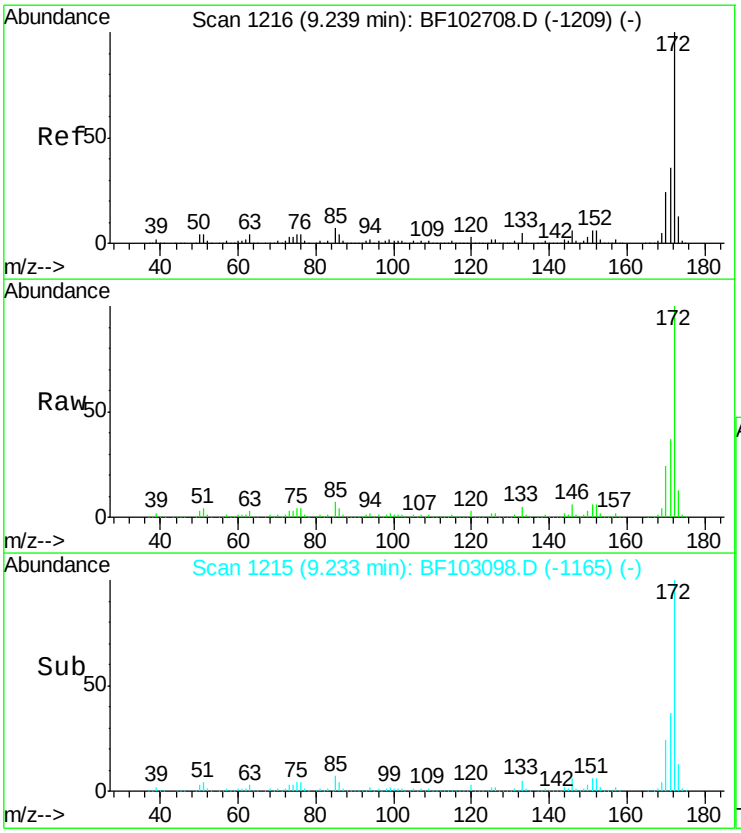

#41
2,4,6-Tribromophenol
Concen: 94.75 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:330 Resp: 240047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 102.5 | 77.0 | 115.6 |
| 141 | 38.2 | 29.9 | 44.9 |

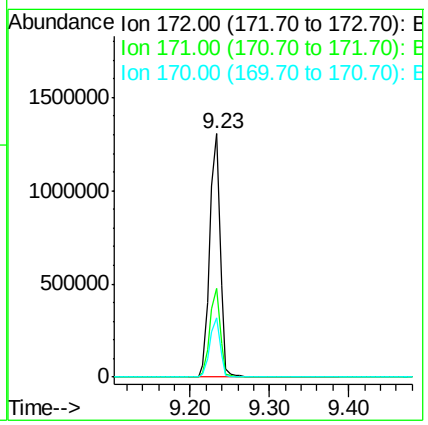


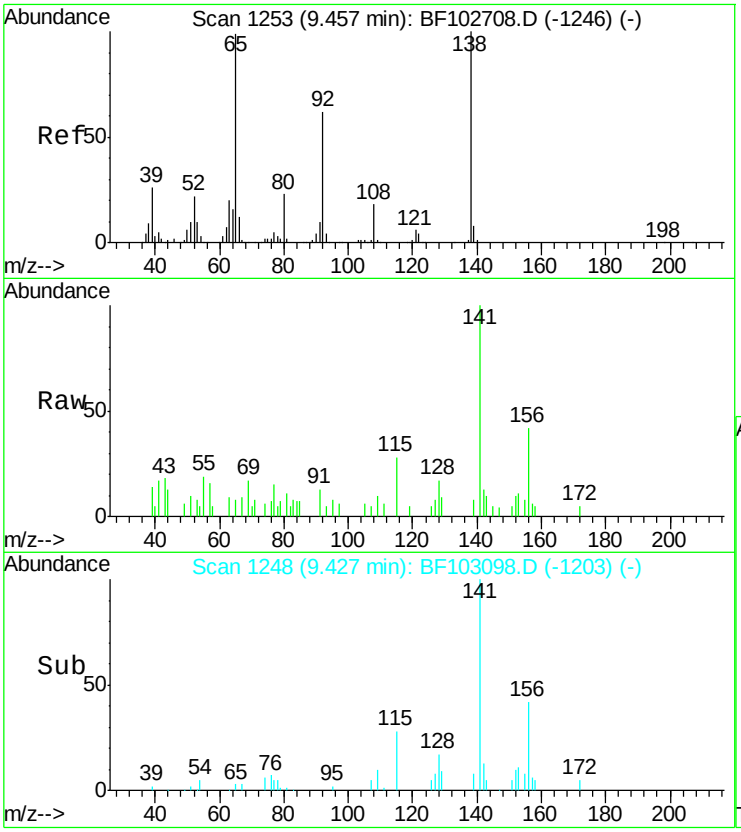




#44
2-Fluorobiphenyl
Concen: 63.35 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:172 Resp: 1201706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.7 | 44.5 |
| 170 | 24.3 | 19.6 | 29.4 |



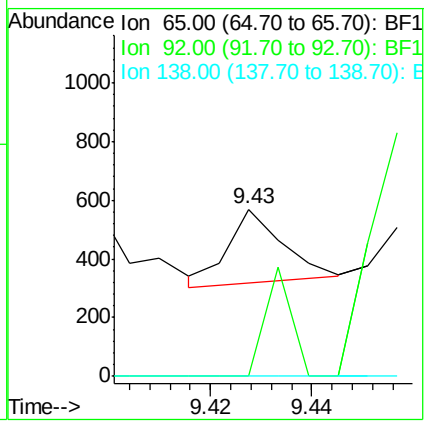


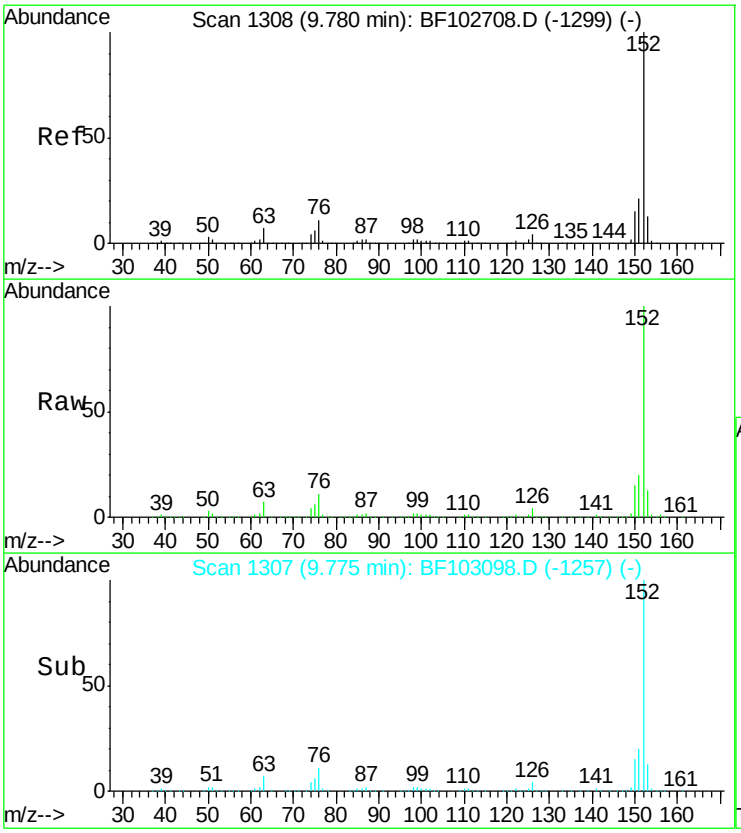

#47
2-Nitroaniline
Concen: 3.50 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.04 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion: 65 Resp: 190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 0.0 | 55.8 | 83.6# |
| 138 | 0.0 | 91.2 | 136.8# |

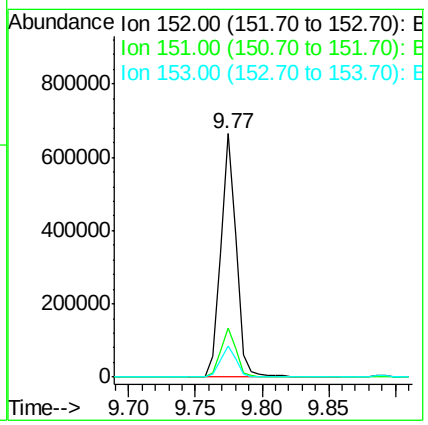


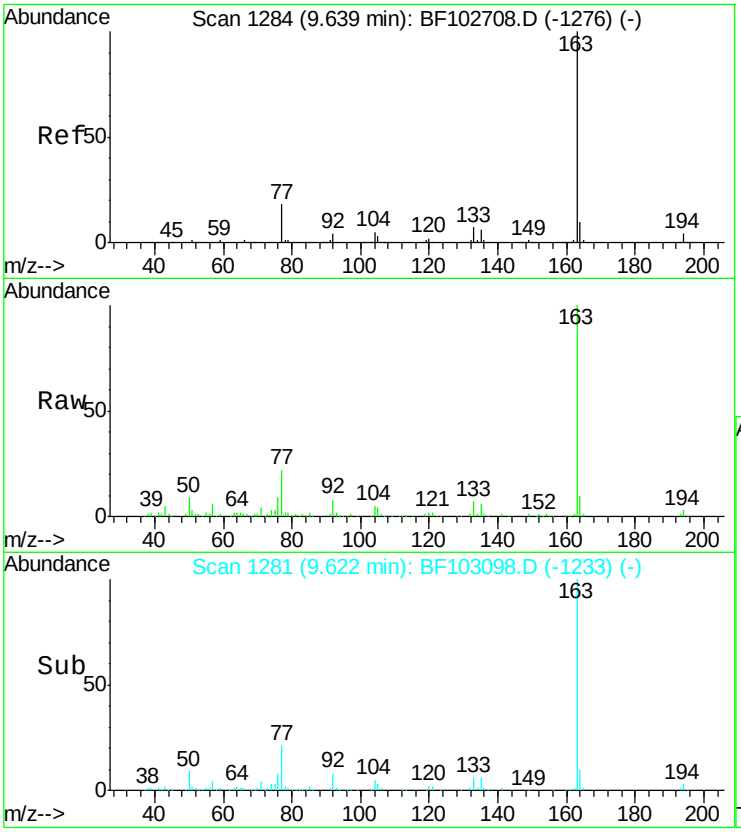




#48
Acenaphthylene
Concen: 16.95 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:152 Resp: 549305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 16.3 | 24.5 |
| 153 | 12.8 | 10.7 | 16.1 |



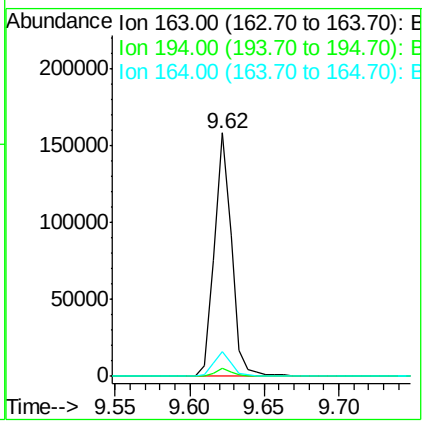


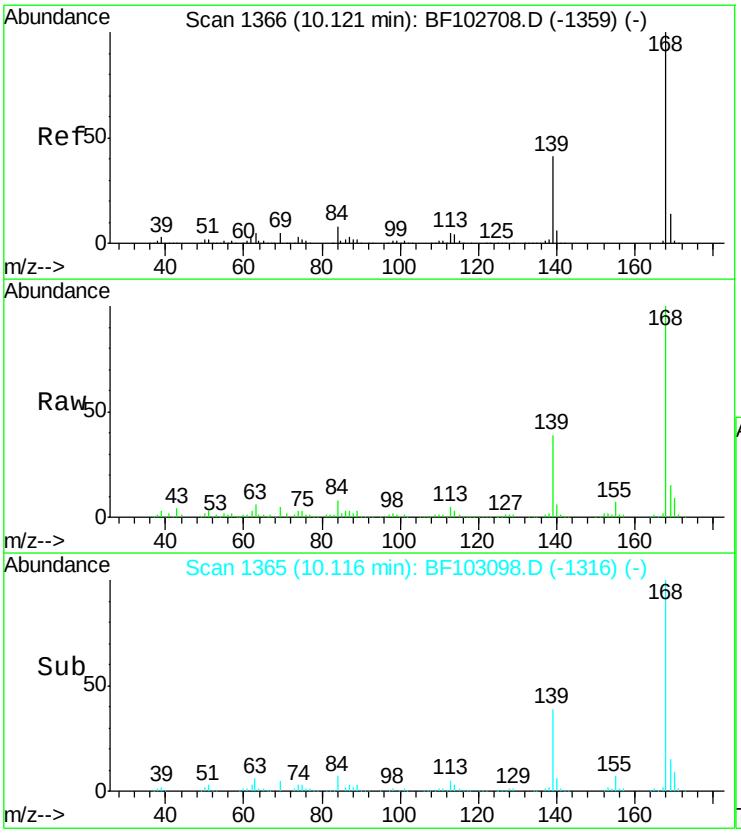

#49
Dimethylphthalate
Concen: 5.20 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:163 Resp: 127517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.3 | 2.7 | 4.1 |
| 164 | 9.9 | 8.2 | 12.2 |

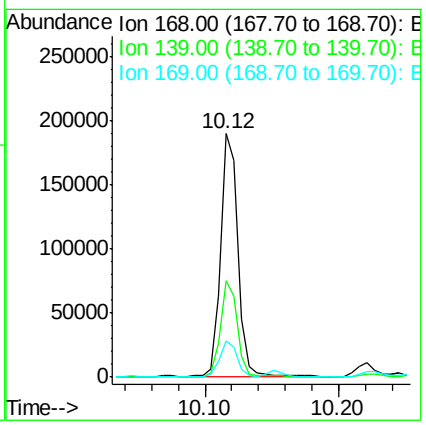


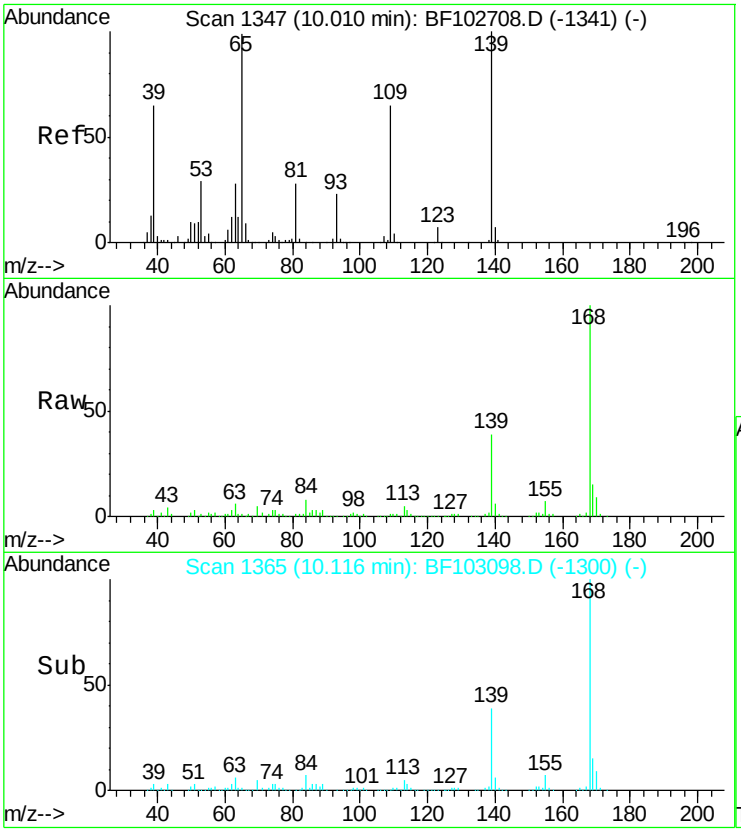




#54
Dibenzofuran
Concen: 6.33 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:168 Resp: 172926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.3 | 30.1 | 45.1 |
| 169 | 14.9 | 10.9 | 16.3 |



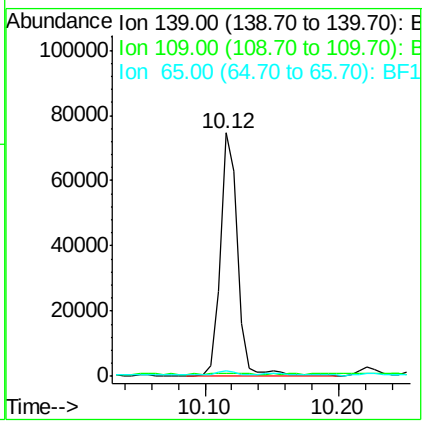


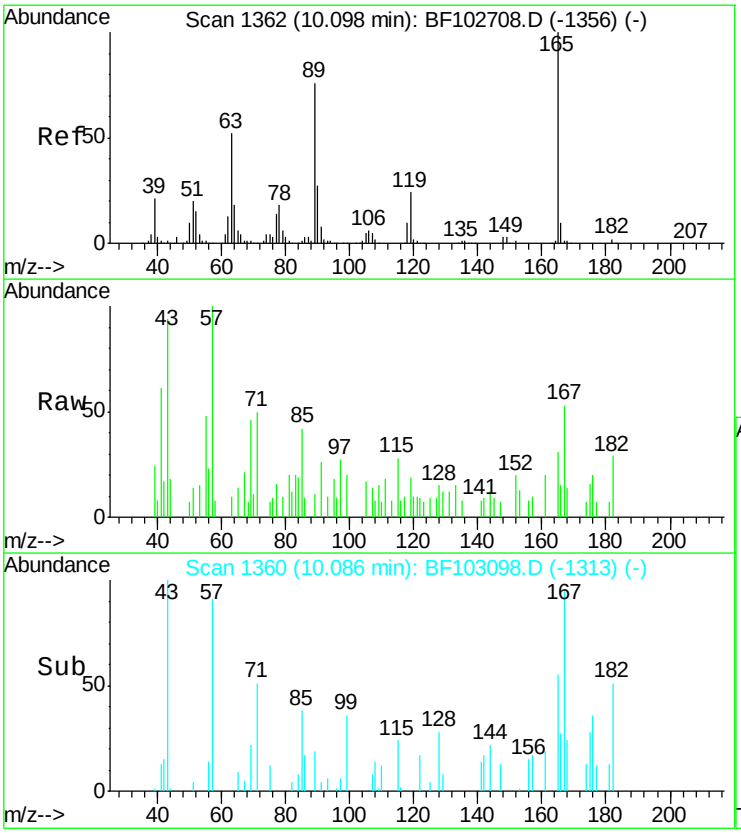

#55
4-Nitrophenol
Concen: 17.82 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:139 Resp: 68606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 1.3 | 48.4 | 88.4# |
| 65 | 2.3 | 72.6 | 112.6# |

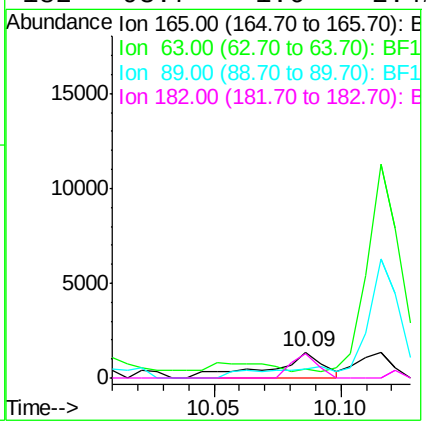


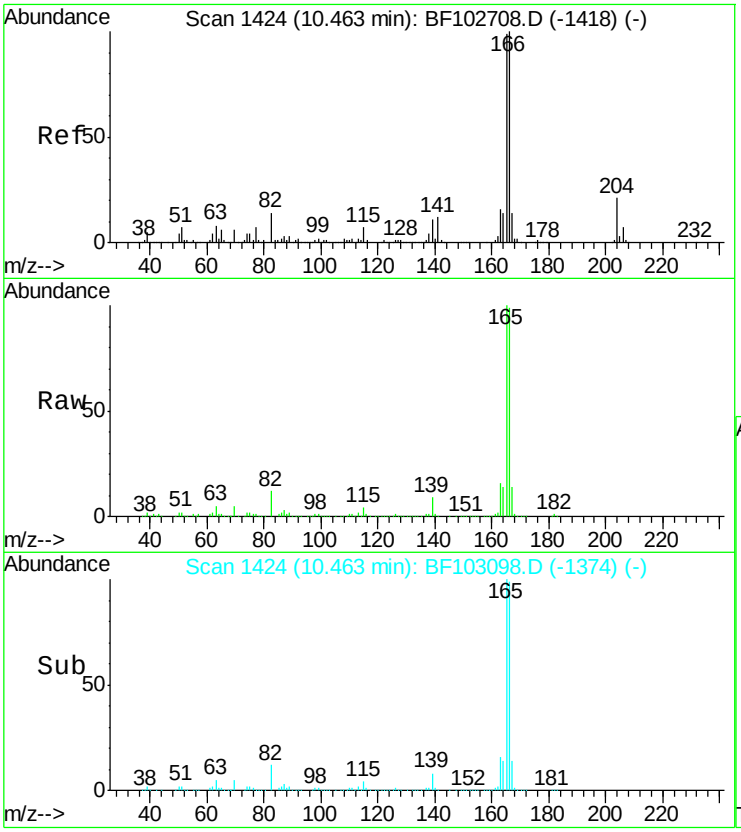




#56
2,4-Dinitrotoluene
Concen: 3.37 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:165 Resp: 1954

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 32.8 | 36.4 | 54.6# |
| 89 | 34.8 | 57.8 | 86.6# |
| 182 | 93.7 | 1.6 | 2.4# |



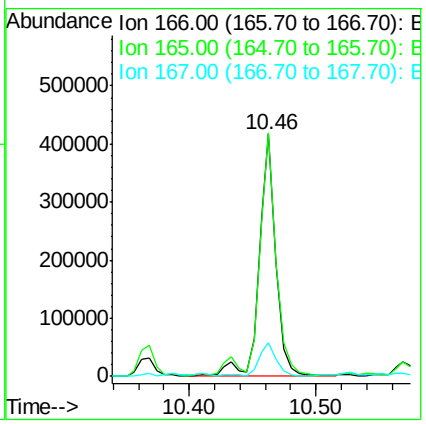


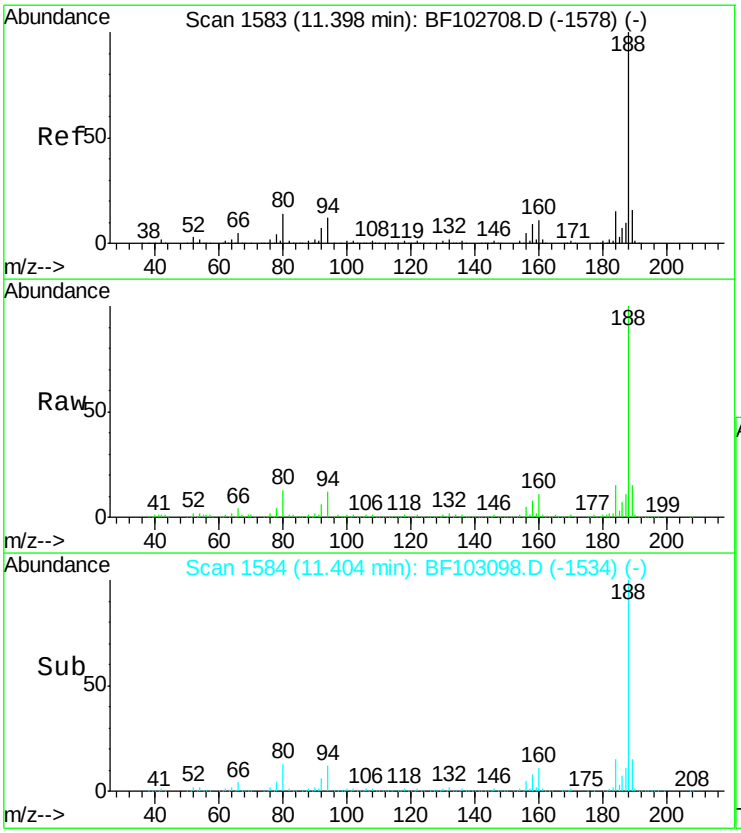

#57
Fluorene
Concen: 19.37 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:166 Resp: 384945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.6 | 79.8 | 119.8 |
| 167 | 13.9 | 10.6 | 16.0 |

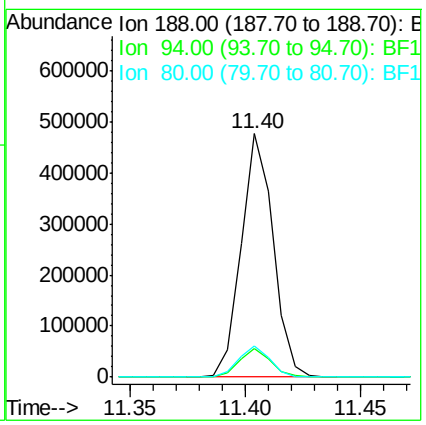


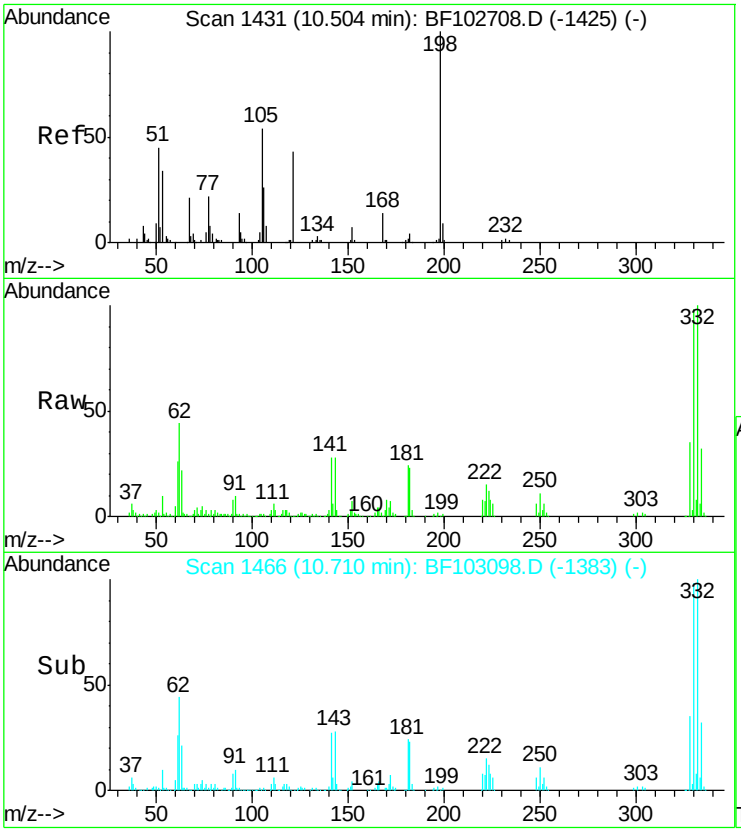




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:188 Resp: 461239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.8 | 8.5 | 12.7 |
| 80 | 12.8 | 9.2 | 13.8 |



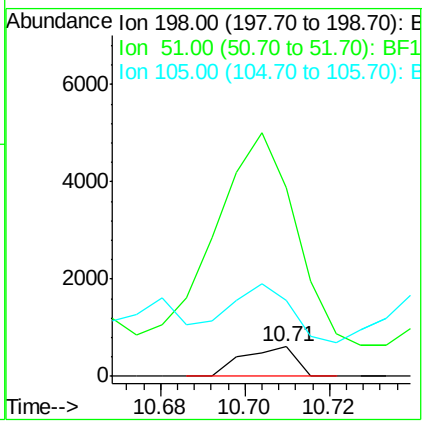


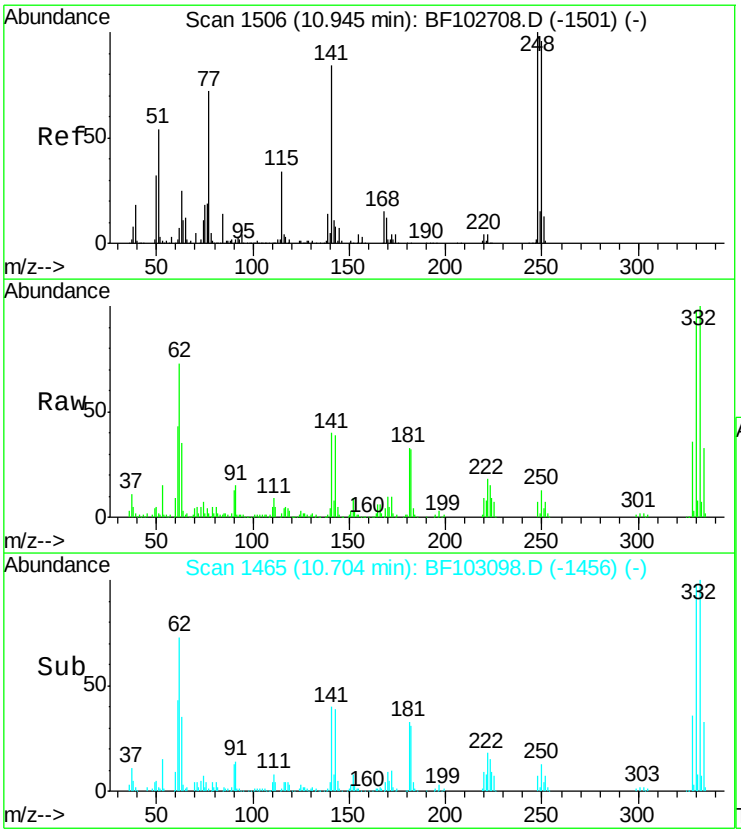

#64
4,6-Dinitro-2-methylphenol
Concen: 9.05 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:198 Resp: 532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 636.1 | 37.7 | 77.7# |
| 105 | 257.0 | 36.3 | 76.3# |

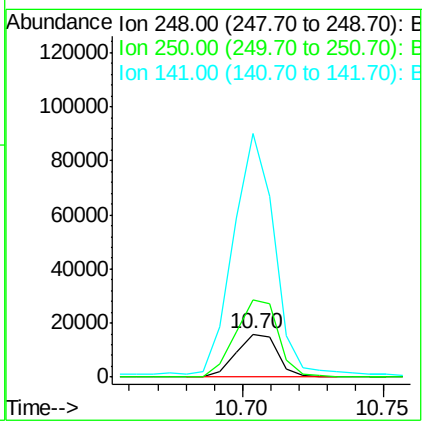


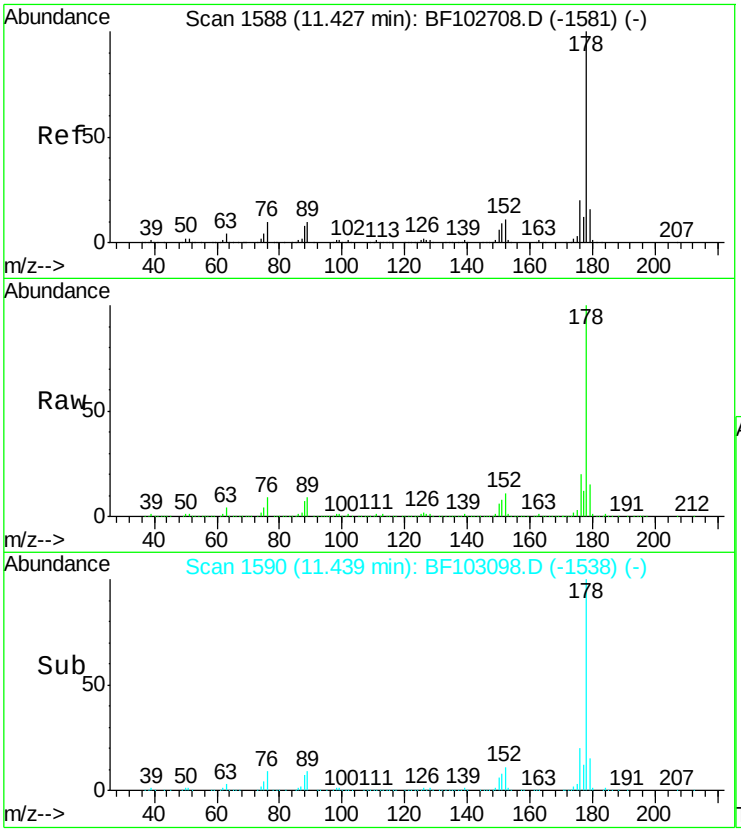




#66
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:248 Resp: 16002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 180.1 | 76.9 | 115.3# |
| 141 | 569.2 | 74.4 | 111.6# |



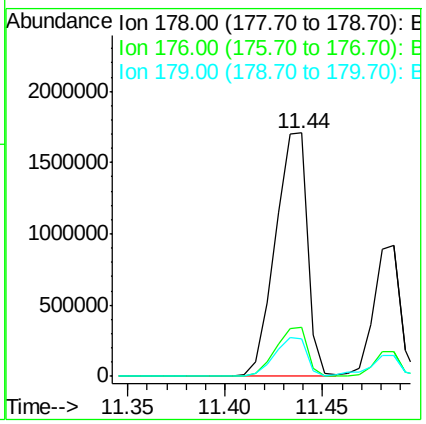


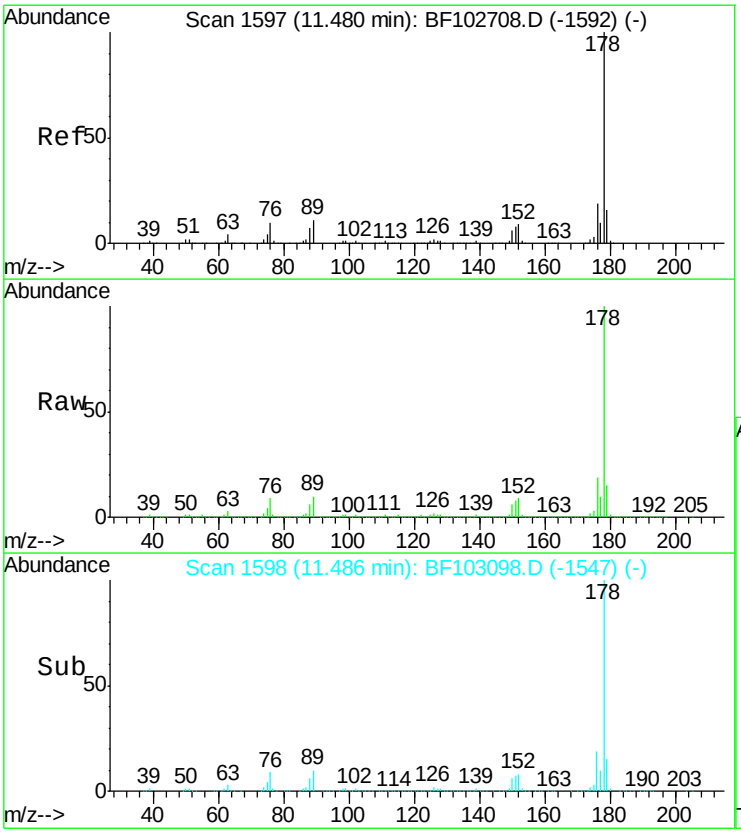

#70
Phenanthrene
Concen: 75.51 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:178 Resp: 1939735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.0 | 15.8 | 23.8 |
| 179 | 15.4 | 13.0 | 19.6 |

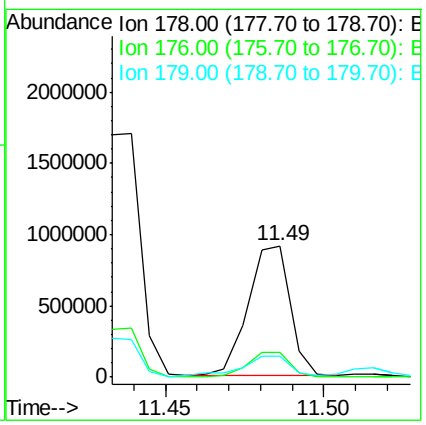


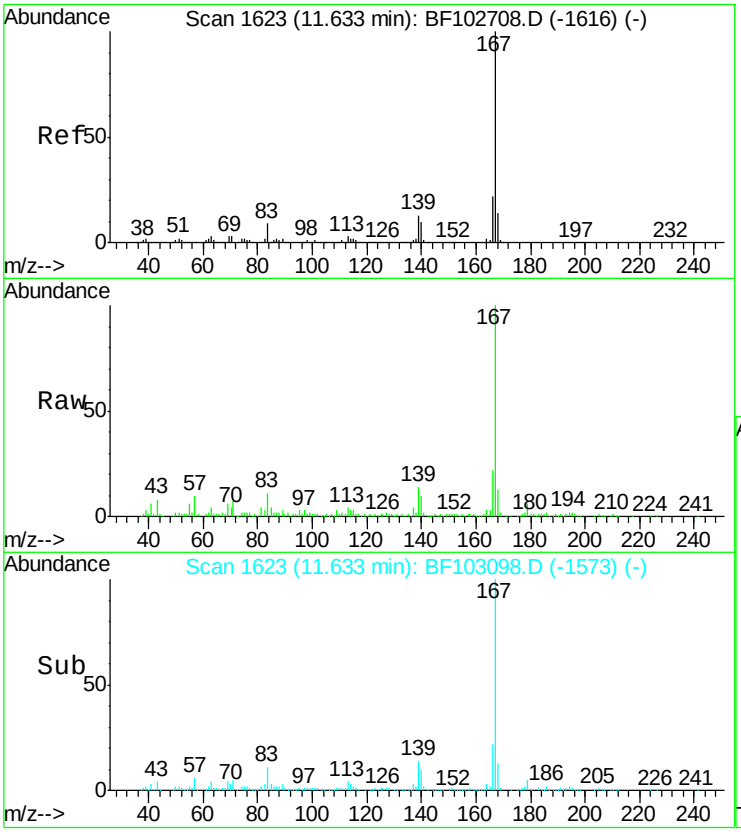




#71
Anthracene
Concen: 32.16 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:178 Resp: 840358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.4 | 23.2 |
| 179 | 15.5 | 12.6 | 19.0 |



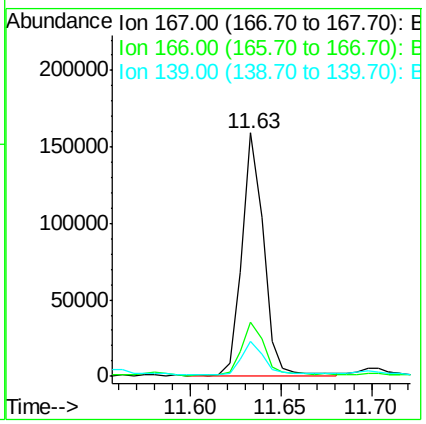


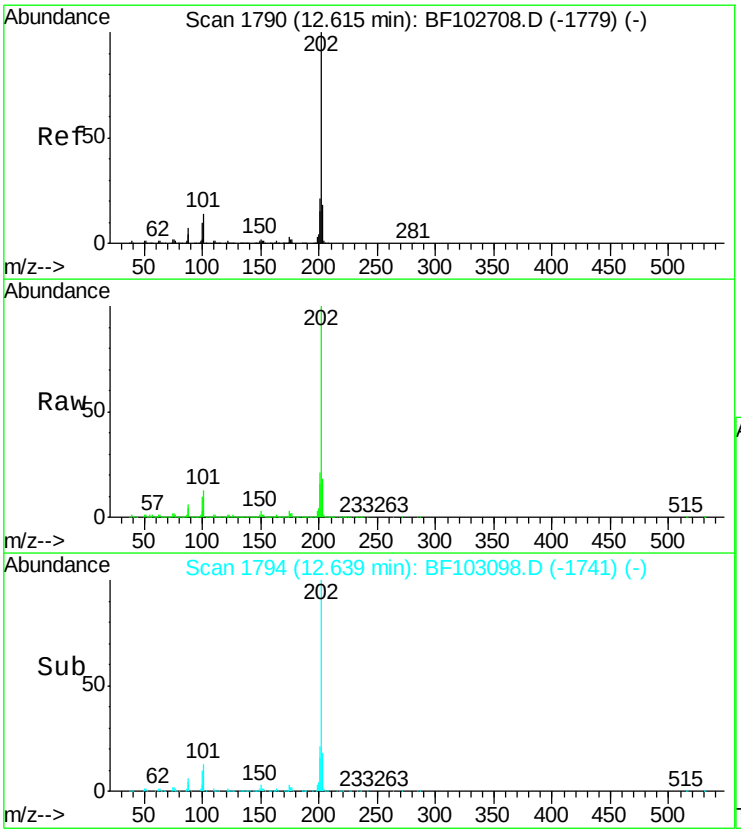

#72
Carbazole
Concen: 5.16 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:167 Resp: 132068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.5 | 17.6 | 26.4 |
| 139 | 14.2 | 10.9 | 16.3 |

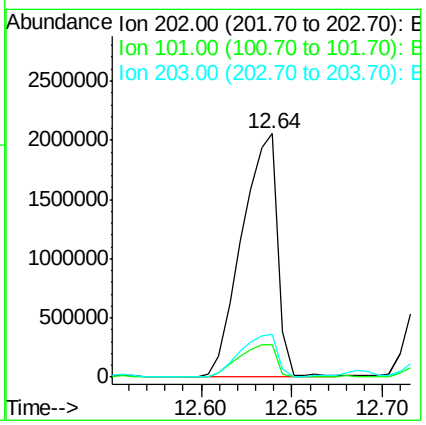


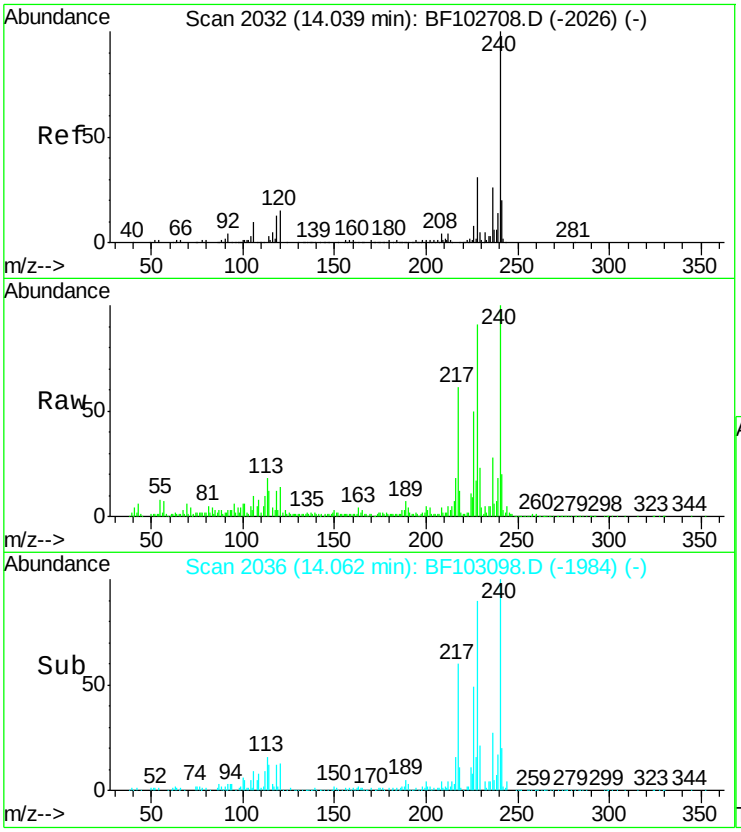




#74
Fluoranthene
Concen: 108.82 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:202 Resp: 2812391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.3 | 0.0 | 34.1 |
| 203 | 17.7 | 0.0 | 38.1 |



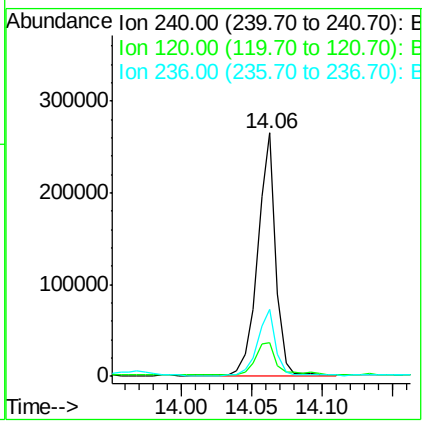


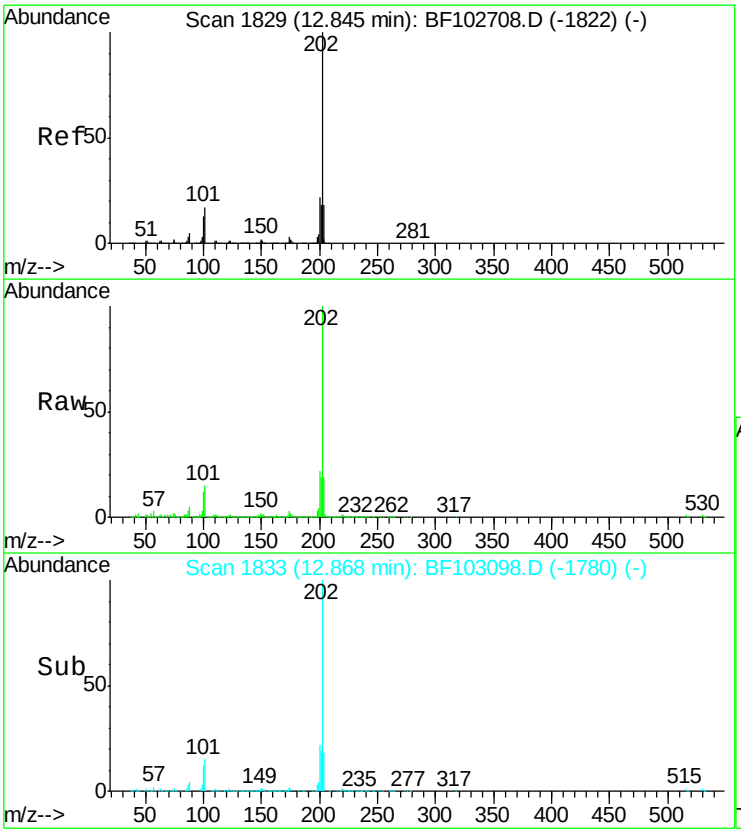

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:240 Resp: 237705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.9 | 9.5 | 14.3 |
| 236 | 27.6 | 20.7 | 31.1 |

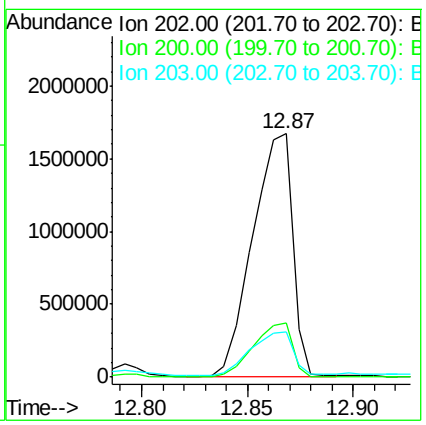


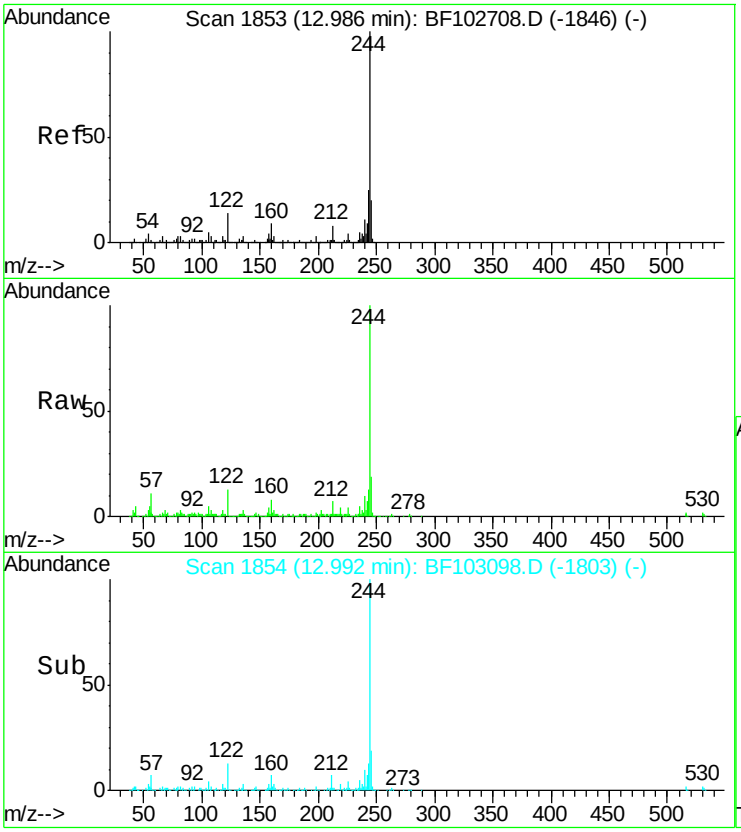




#77
Pyrene
Concen: 117.60 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:202 Resp: 2192027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.4 | 17.4 | 26.2 |
| 203 | 18.6 | 14.3 | 21.5 |



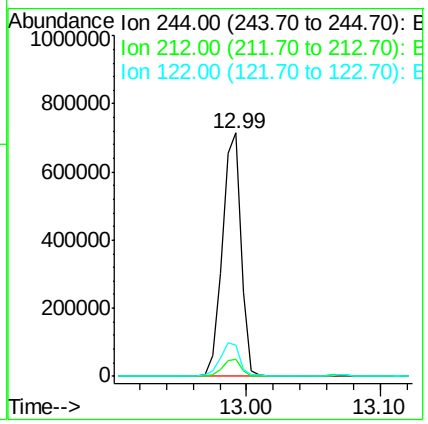


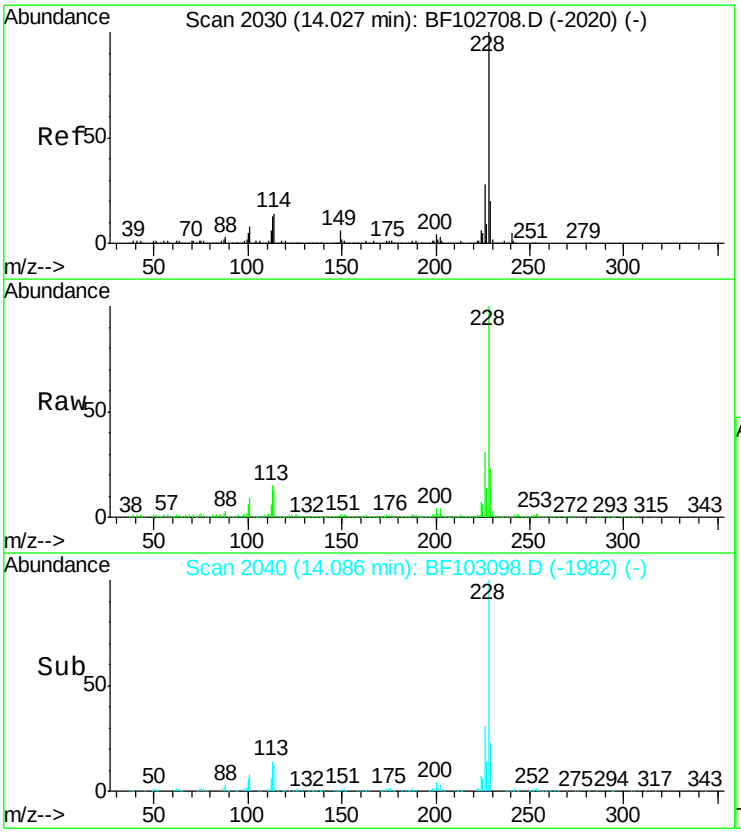

#78
Terphenyl-d14
Concen: 71.00 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:244 Resp: 712745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 5.4 | 8.0 |
| 122 | 12.9 | 11.0 | 16.4 |

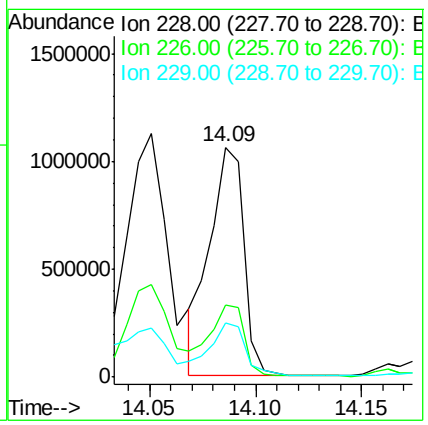


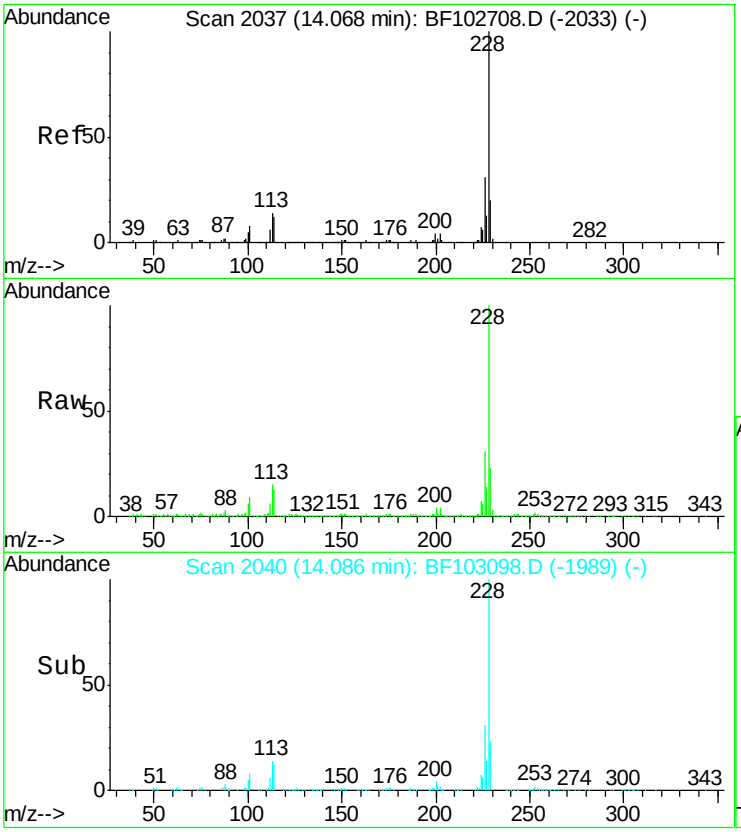




#80
Benzo(a)anthracene
Concen: 80.15 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.04 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:228 Resp: 1198138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 22.6 | 33.8 |
| 229 | 23.5 | 15.8 | 23.6 |



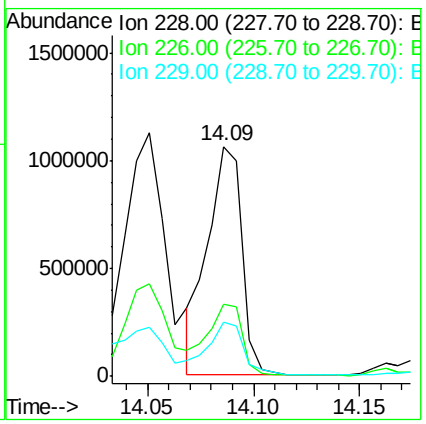


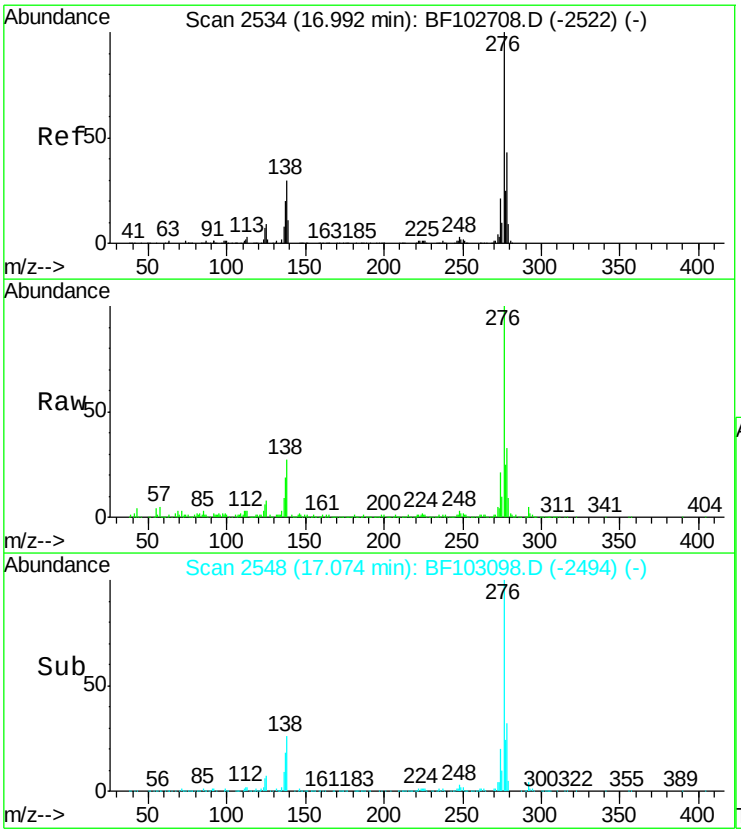

#82
Chrysene
Concen: 79.51 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:228 Resp: 1198138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 25.0 | 37.6 |
| 229 | 23.5 | 16.2 | 24.4 |

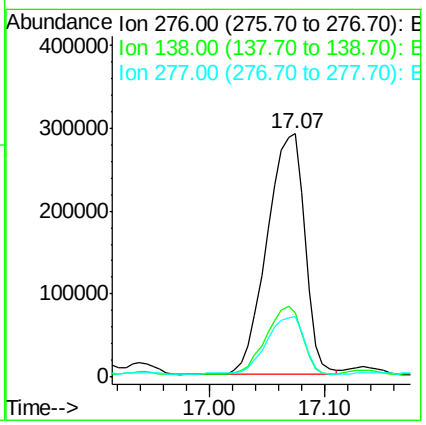


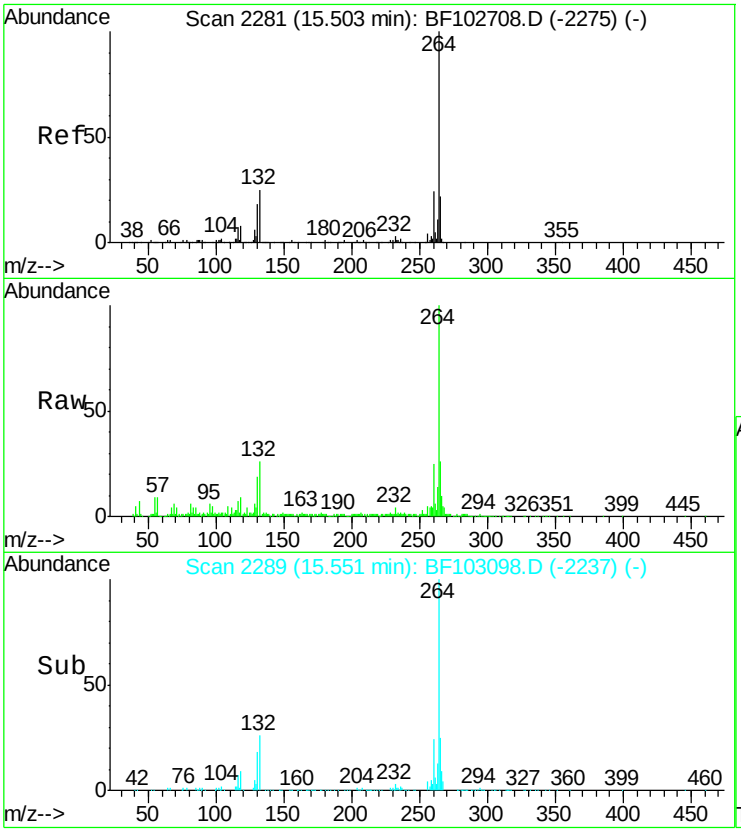




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.15 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:276 Resp: 664272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.9 | 25.0 | 37.6 |
| 277 | 24.1 | 20.1 | 30.1 |



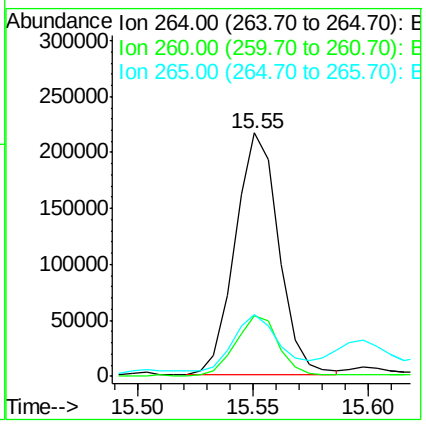


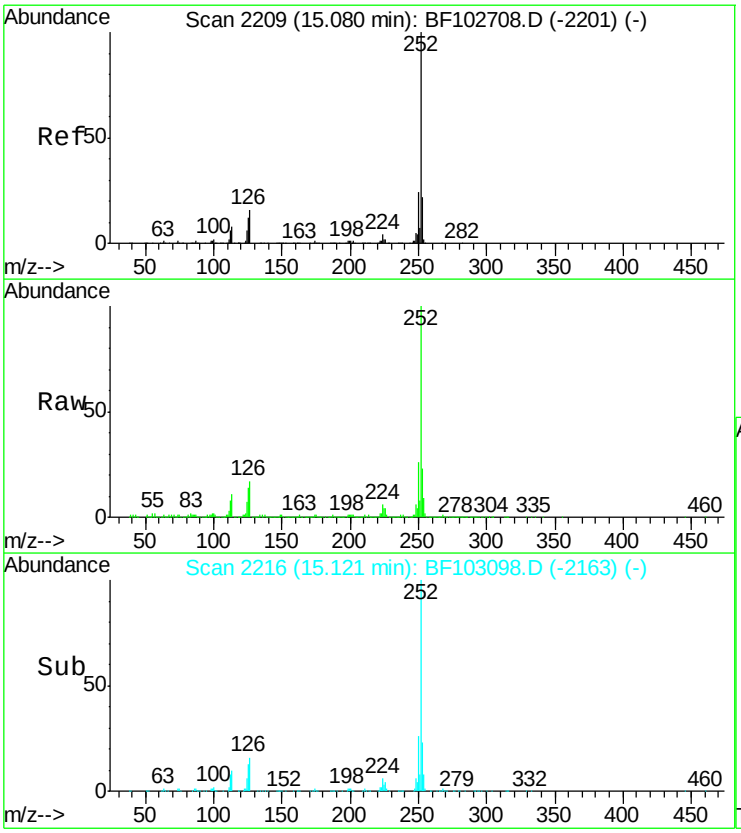

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:264 Resp: 285488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 19.2 | 28.8 |
| 265 | 25.6 | 17.5 | 26.3 |

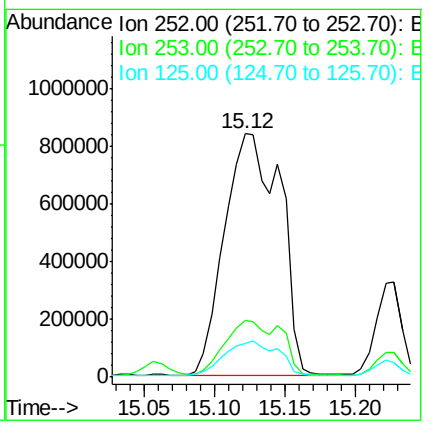


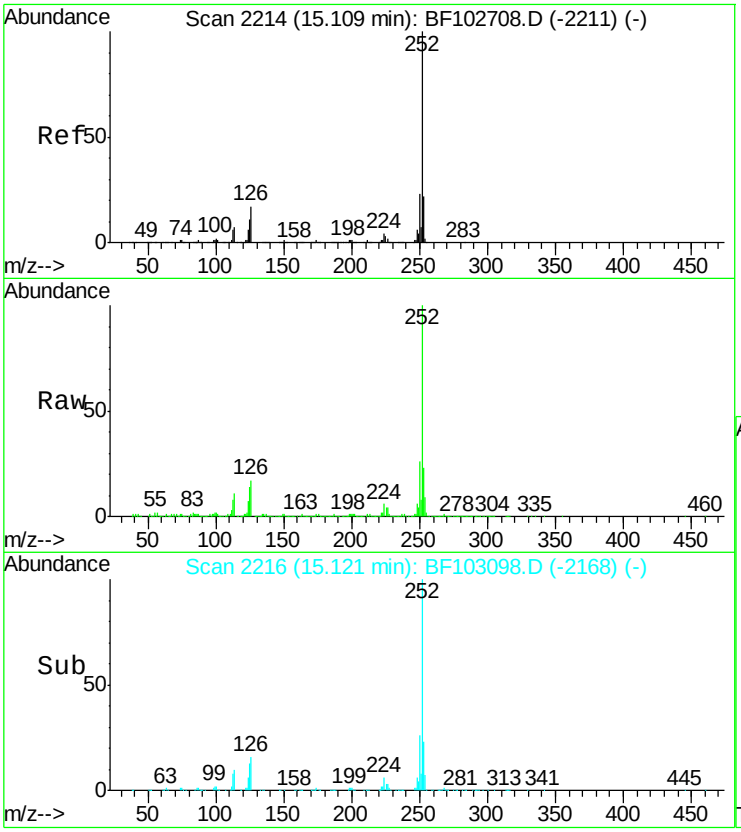




#87
Benzo(b)fluoranthene
Concen: 125.39 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:252 Resp: 2320936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.0 | 25.6 |
| 125 | 14.0 | 9.0 | 13.6# |



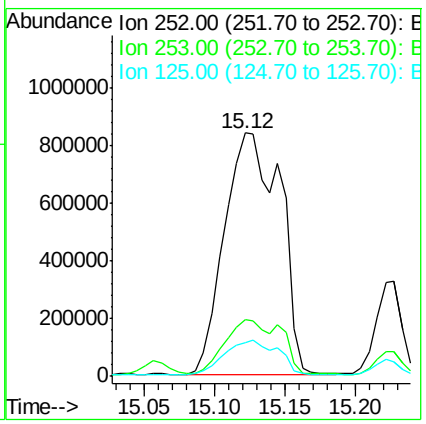


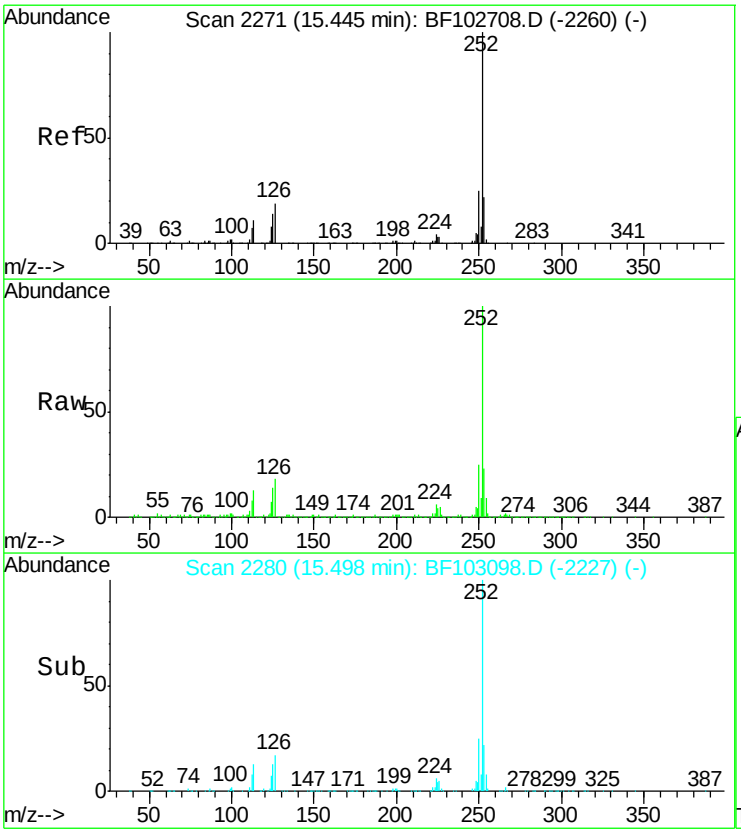

#88
Benzo(k)fluoranthene
Concen: 131.23 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:252 Resp: 2320936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 17.9 | 26.9 |
| 125 | 14.0 | 10.2 | 15.2 |

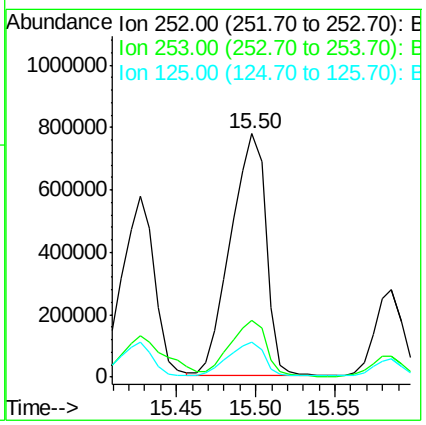


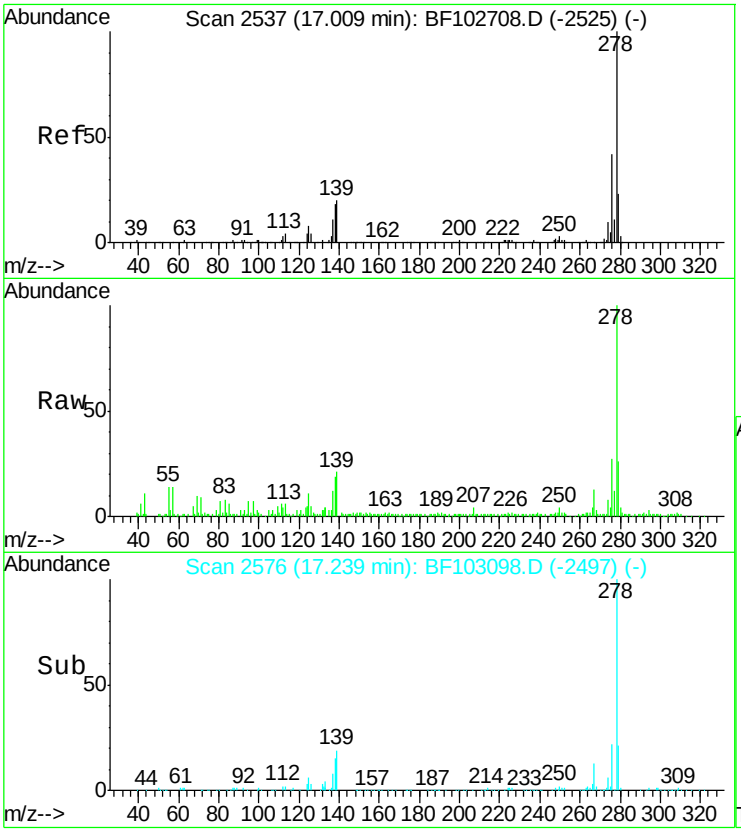




#89
Benzo(a)pyrene
Concen: 72.50 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:252 Resp: 1207871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 17.1 | 25.7 |
| 125 | 14.2 | 9.8 | 14.6 |



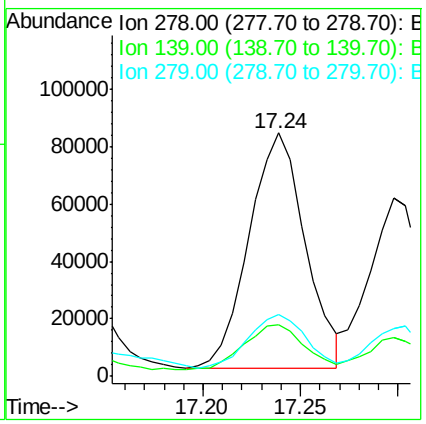


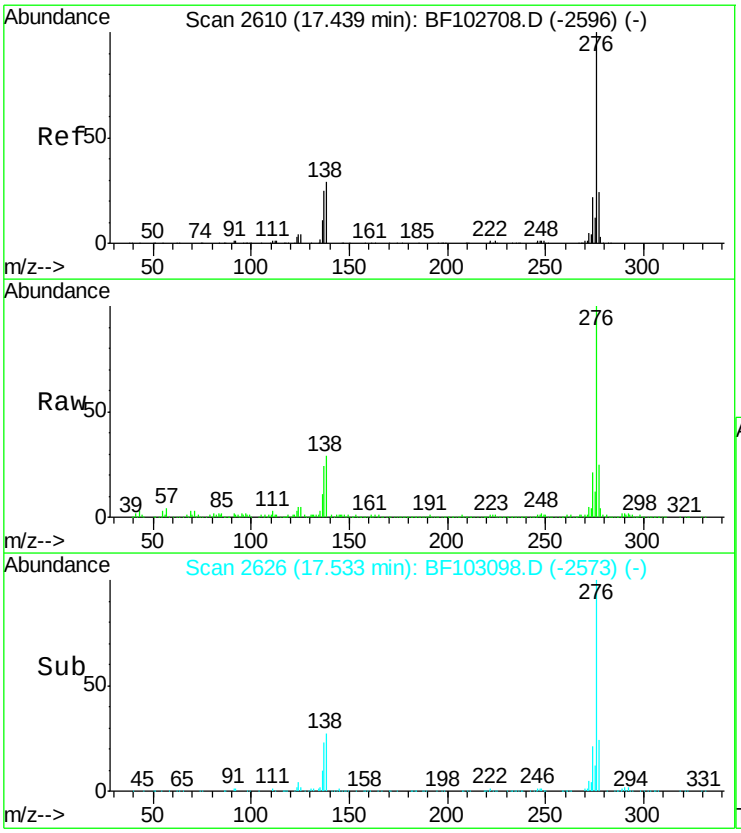

#90
Dibenzo(a,h)anthracene
Concen: 12.11 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.16 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

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

Tgt Ion:278 Resp: 163809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.1 | 15.9 | 23.9 |
| 279 | 25.5 | 19.0 | 28.4 |




#91
Benzo(g,h,i)perylene
Concen: 44.32 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF103098.D
Acq: 19 Feb 2018 23:09

Tgt Ion:276 Resp: 586657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.9 | 17.9 | 26.9 |
| 138 | 29.2 | 21.8 | 32.8 |