Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096093.D
Acq On : 21 Jun 2017 19:51
Operator : SJ/MA
Sample : I3736-10 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** G18-1.5-3

Quant Time: Jun 22 01:05:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.29 | 152 | 65276 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 9.33 | 136 | 257049 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 12.16 | 164 | 99631 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 14.55 | 188 | 146600 | 20.00 | ng | | 0.01 |
| 75) Chrysene-d12 | 18.28 | 240 | 135390 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 19.96 | 264 | 88567 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 201671 | 49.23 | ng | | 0.01 |
| 7) Phenol-d6 | 6.89 | 99 | 252884 | 51.56 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 8.22 | 82 | 144446 | 34.90 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 13.46 | 330 | 38480 | 43.65 | ng | | 0.01 |
| 44) 2-Fluorobiphenyl | 11.11 | 172 | 262624 | 36.68 | ng | | 0.00 |
| 78) Terphenyl-d14 | 16.93 | 244 | 191787 | 35.16 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.56 | 88 | 50430 | 25.88 | ng | # | 21 |
| 31) Naphthalene | 9.36 | 128 | 118173 | 9.16 | ng | | 99 |
| 32) Benzoic acid | 9.31 | 122 | 1423 | 5.68 | ng | # | 1 |
| 35) Caprolactam | 10.15 | 113 | 42008 | 40.80 | ng | # | 55 |
| 36) 4-Chloro-3-methylphenol | 10.40 | 107 | 7631 | 2.11 | ng | # | 32 |
| 37) 2-Methylnaphthalene | 10.49 | 142 | 185431 | 21.27 | ng | | 96 |
| 45) 1,1'-Biphenyl | 11.27 | 154 | 20678 | 2.52 | ng | | 89 |
| 49) Dimethylphthalate | 11.81 | 163 | 34296 | 4.53 | ng | # | 90 |
| 50) 2,6-Dinitrotoluene | 11.94 | 165 | 4205 | 2.55 | ng | # | 67 |
| 51) Acenaphthene | 12.21 | 154 | 18902 | 2.98 | ng | # | 91 |
| 53) 2,4-Dinitrophenol | 12.50 | 184 | 413 | 6.88 | ng | # | 1 |
| 54) Dibenzofuran | 12.50 | 168 | 31277 | 3.51 | ng | # | 75 |
| 55) 4-Nitrophenol | 12.59 | 139 | 6607 | 10.17 | ng | # | 1 |
| 56) 2,4-Dinitrotoluene | 12.59 | 165 | 12189 | 5.47 | ng | # | 64 |
| 57) Fluorene | 13.05 | 166 | 36259 | 4.67 | ng | # | 96 |
| 64) 4,6-Dinitro-2-methylphenol | 13.26 | 198 | 2257 | 2.34 | ng | # | 1 |
| 65) n-Nitrosodiphenylamine | 13.27 | 169 | 64247 | 12.20 | ng | # | 42 |
| 69) Pentachlorophenol | 14.49 | 266 | 117 | 6.79 | ng | # | 27 |
| 70) Phenanthrene | 14.59 | 178 | 123149 | 14.56 | ng | | 96 |
| 71) Anthracene | 14.59 | 178 | 123149 | 13.95 | ng | | 96 |
| 74) Fluoranthene | 16.38 | 202 | 109417 | 13.07 | ng | | 98 |
| 77) Pyrene | 16.68 | 202 | 130361 | 12.90 | ng | | 96 |
| 80) Benzo(a)anthracene | 18.32 | 228 | 49182 | 6.25 | ng | | 94 |
| 82) Chrysene | 18.32 | 228 | 49182 | 6.25 | ng | # | 95 |
| 85) Indeno(1,2,3-cd)pyrene | 21.13 | 276 | 17495 | 2.60 | ng | | 93 |
| 87) Benzo(b)fluoranthene | 19.56 | 252 | 69918 | 12.61 | ng | # | 74 |
| 88) Benzo(k)fluoranthene | 19.56 | 252 | 69918 | 13.19 | ng | # | 78 |
| 89) Benzo(a)pyrene | 19.91 | 252 | 26098 | 5.12 | ng | # | 59 |
| 91) Benzo(g,h,i)perylene | 21.47 | 276 | 18927 | 4.29 | ng | # | 77 |

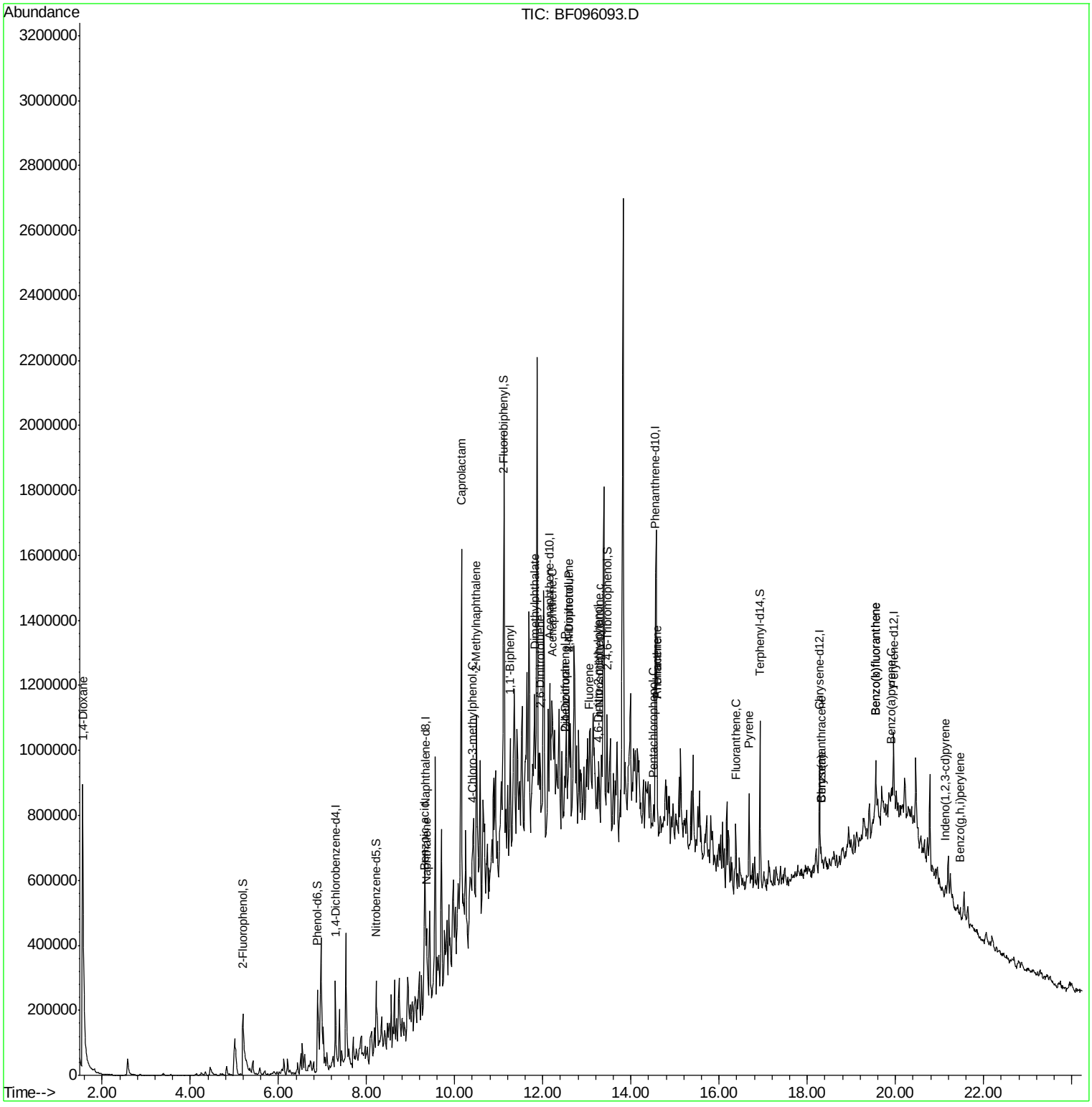
(#) = qualifier out of range (m) = manual integration (+) = signals summed

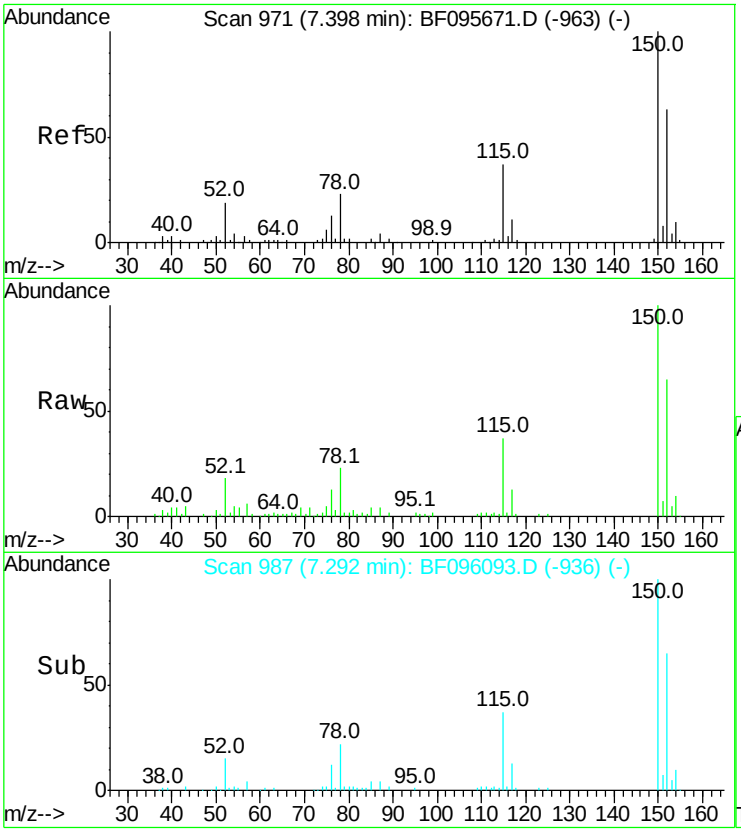
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096093.D
Acq On : 21 Jun 2017 19:51
Operator : SJ/MA
Sample : I3736-10 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Quant Time: Jun 22 01:05:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration



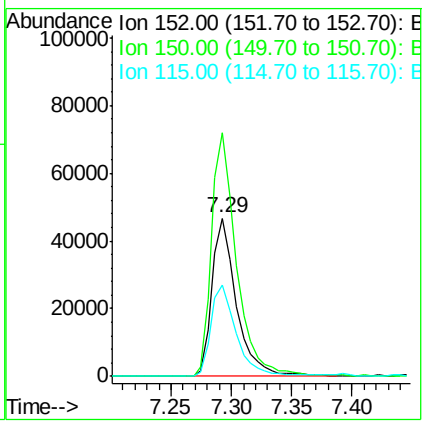


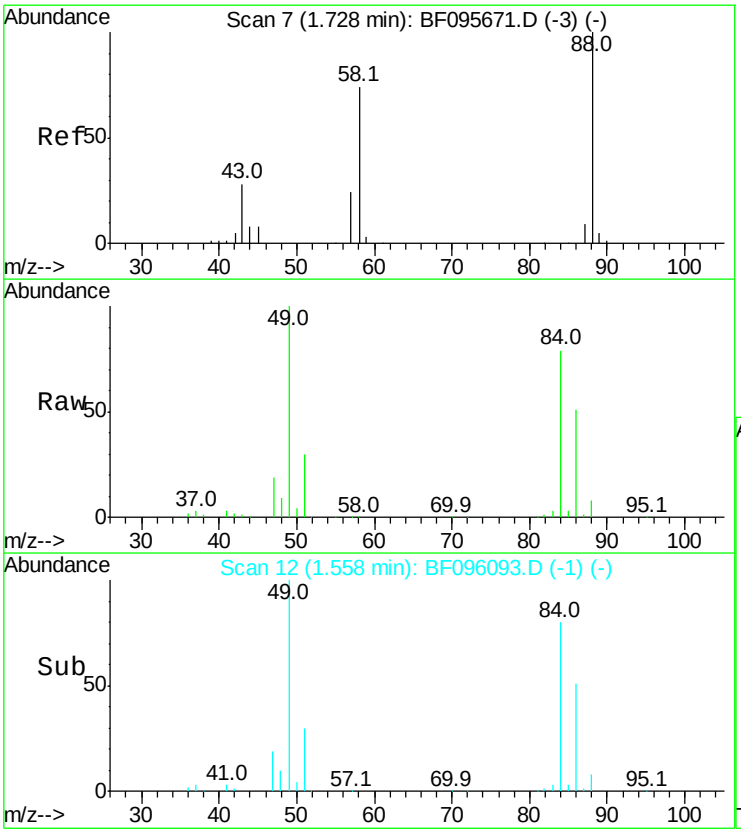

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:152 Resp: 65276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.7 | 126.2 | 189.2 |
| 115 | 57.3 | 52.2 | 78.2 |

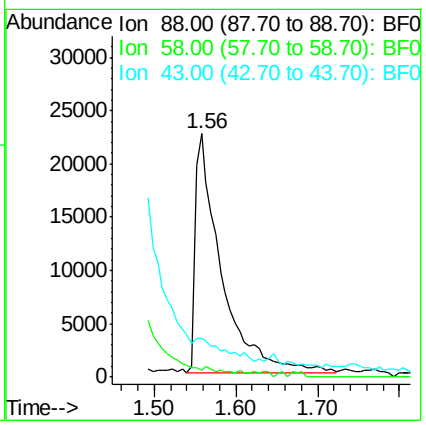


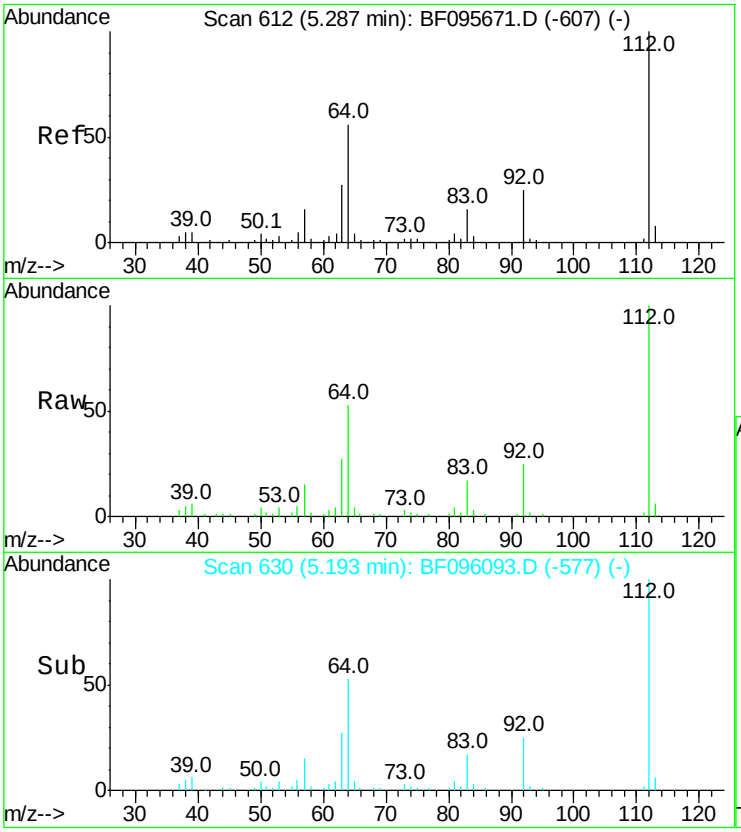




#2
1,4-Dioxane
Concen: 25.88 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion: 88 Resp: 50430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 61.4 | 92.0# |
| 43 | 0.0 | 23.4 | 35.0# |



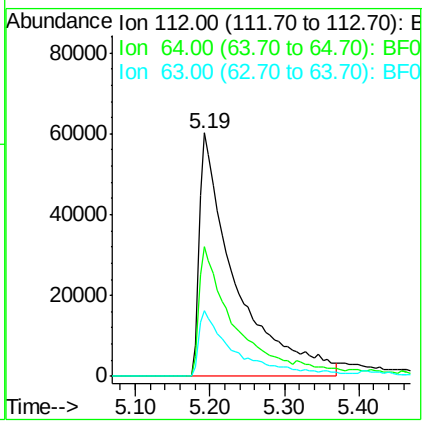


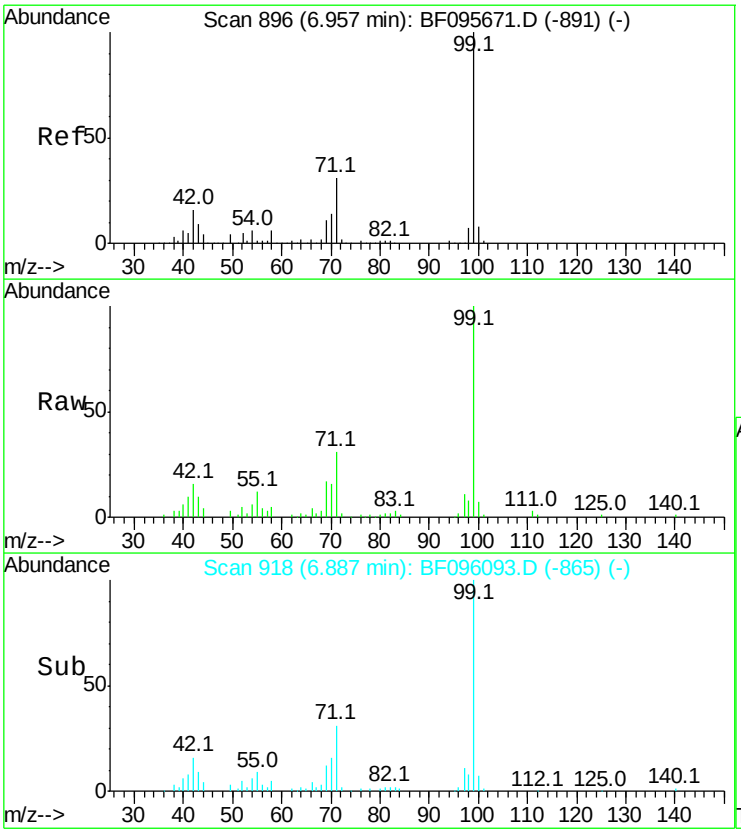

#5
2-Fluorophenol
Concen: 49.23 ng
RT: 5.19 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:112 Resp: 201671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.1 | 46.0 | 69.0 |
| 63 | 26.8 | 23.4 | 35.0 |

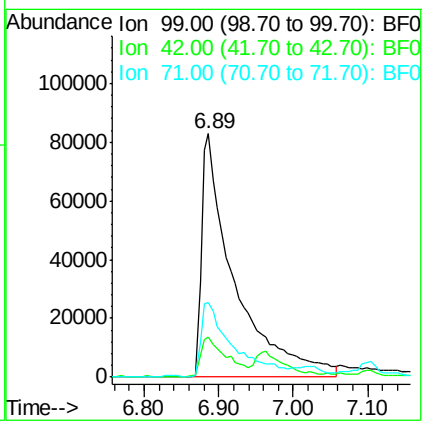


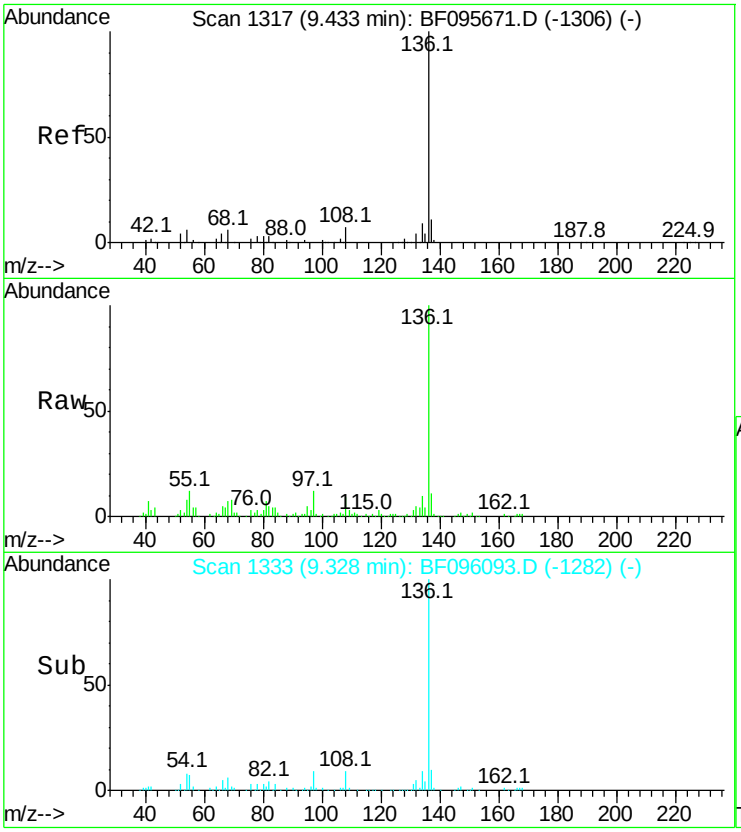




#7
Phenol-d6
Concen: 51.56 ng
RT: 6.89 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion: 99 Resp: 252884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.4 | 13.5 | 20.3 |
| 71 | 30.6 | 24.5 | 36.7 |



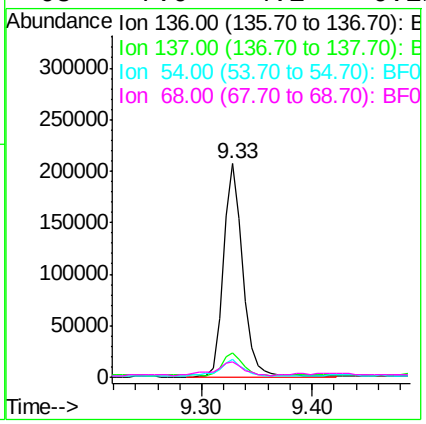


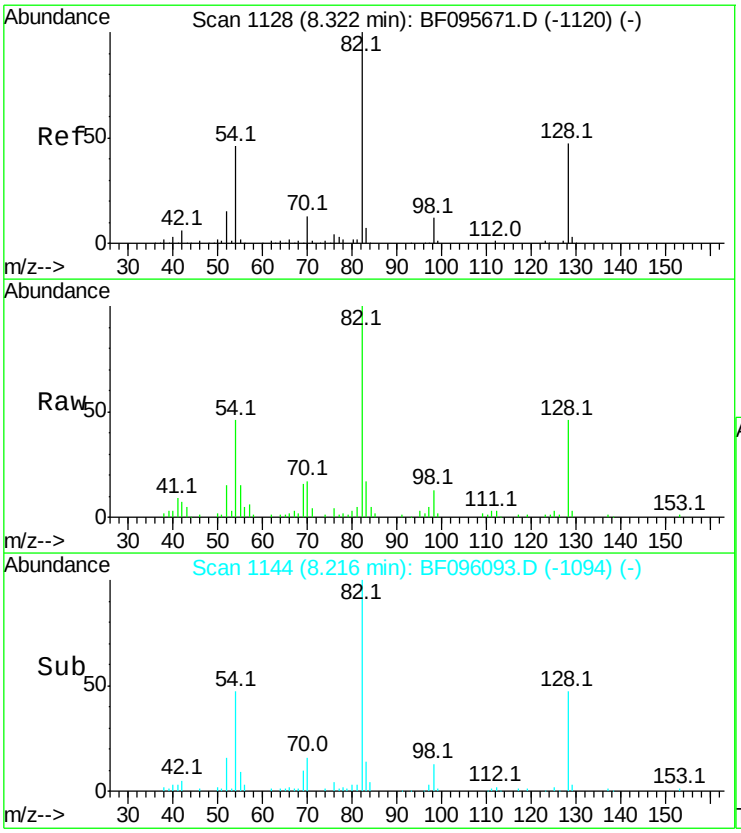

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:136 Resp: 257049

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.5 | 12.7 |
| 54 | 8.2 | 4.9 | 7.3# |
| 68 | 7.0 | 4.1 | 6.1# |

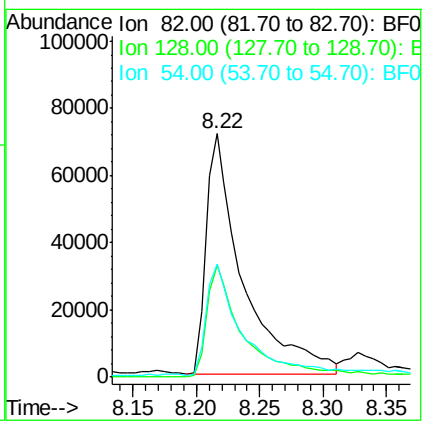


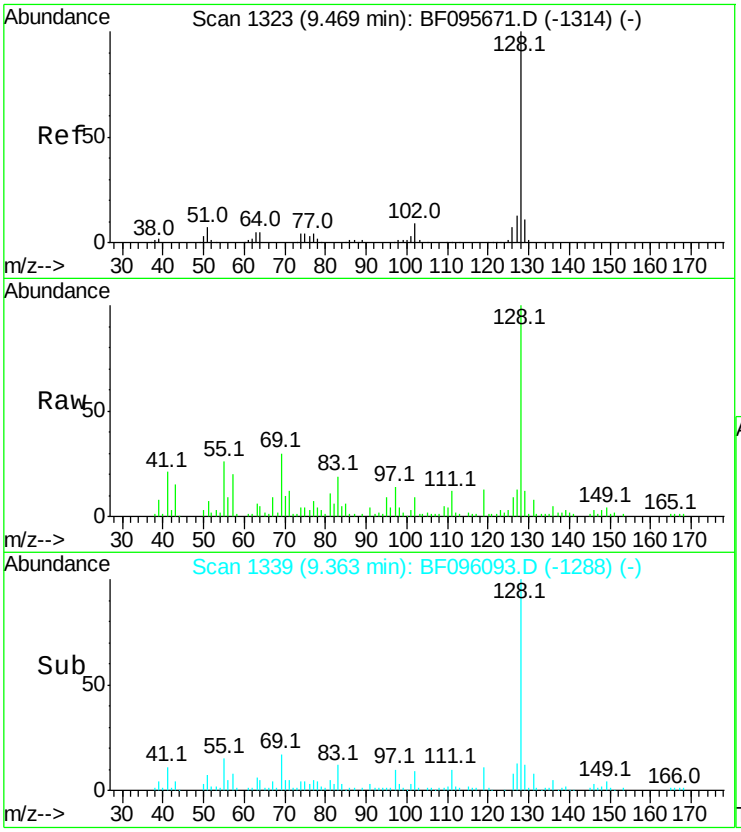




#23
Nitrobenzene-d5
Concen: 34.90 ng
RT: 8.22 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion: 82 Resp: 144446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.0 | 34.0 | 51.0 |
| 54 | 46.2 | 42.2 | 63.2 |



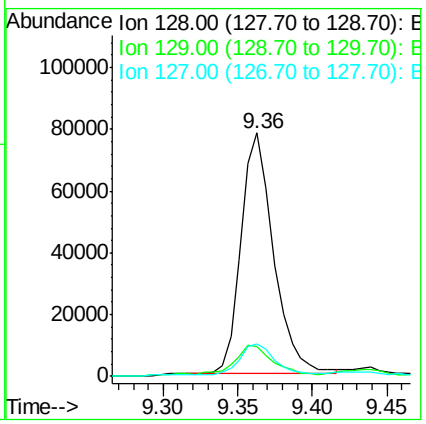


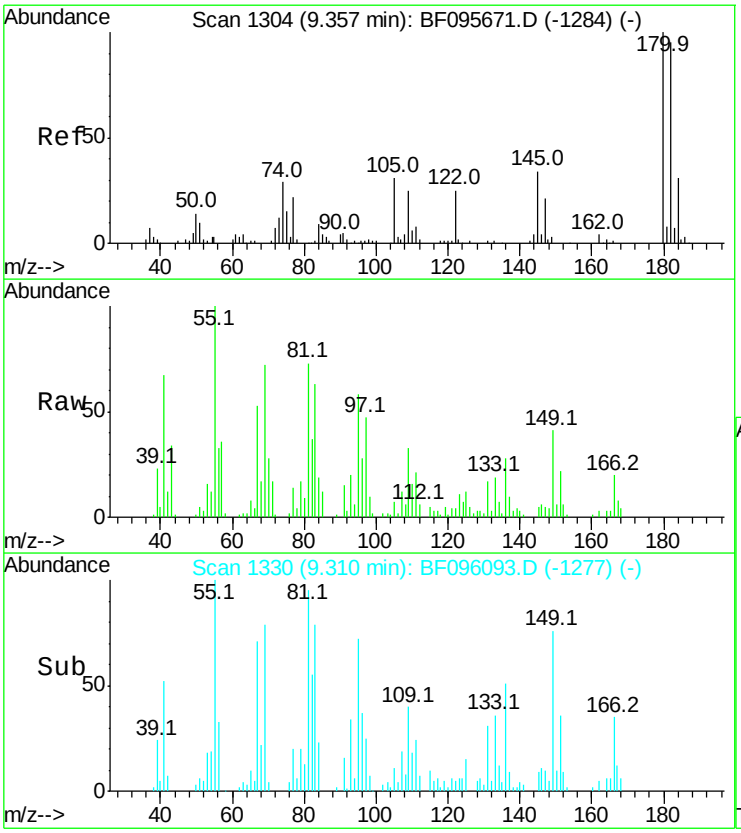

#31
Naphthalene
Concen: 9.16 ng
RT: 9.36 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:128 Resp: 118173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.2 | 9.0 | 13.6 |
| 127 | 13.2 | 10.8 | 16.2 |

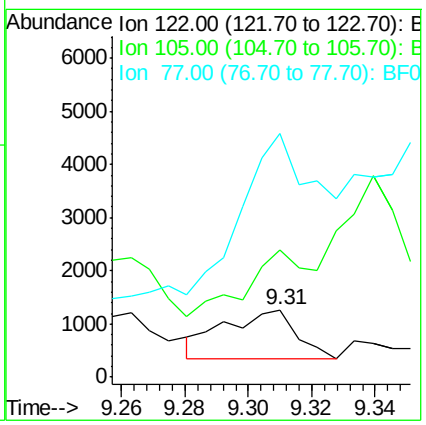


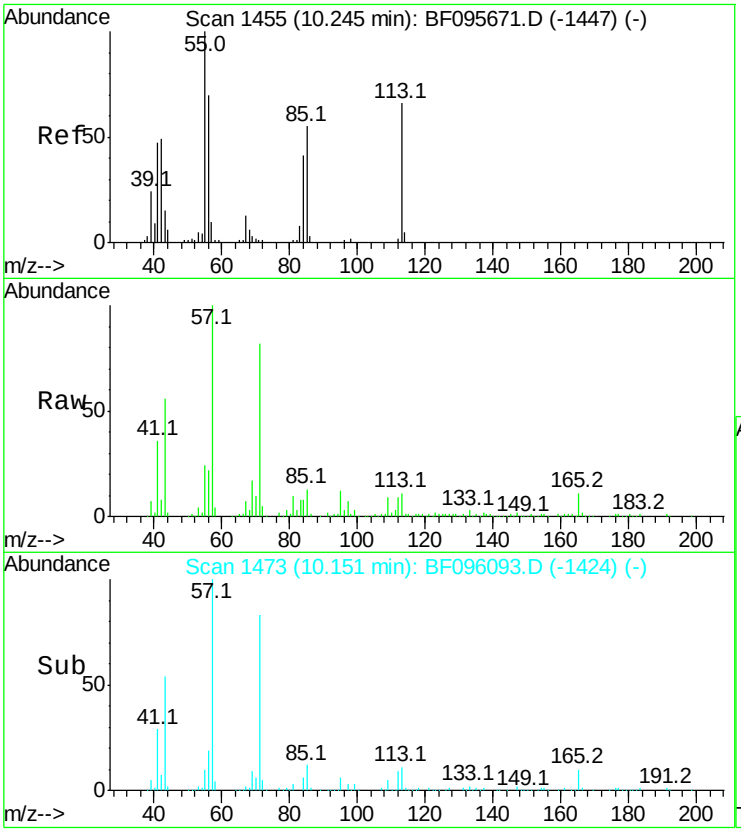




#32
Benzoic acid
Concen: 5.68 ng
RT: 9.31 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:122 Resp: 1423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 189.2 | 103.3 | 143.3# |
| 77 | 360.6 | 73.7 | 113.7# |



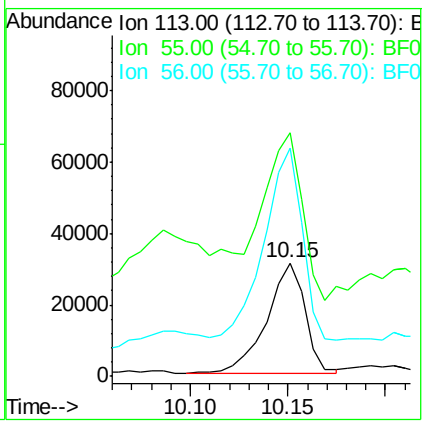


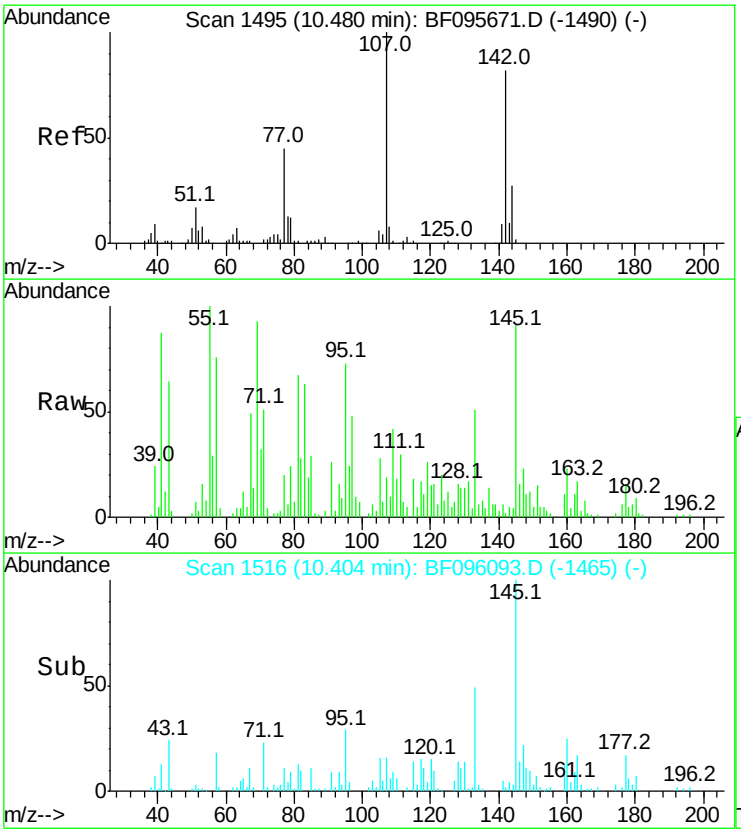

#35
Caprolactam
Concen: 40.80 ng
RT: 10.15 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:113 Resp: 42008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 214.4 | 150.2 | 190.2# |
| 56 | 200.6 | 107.8 | 147.8# |

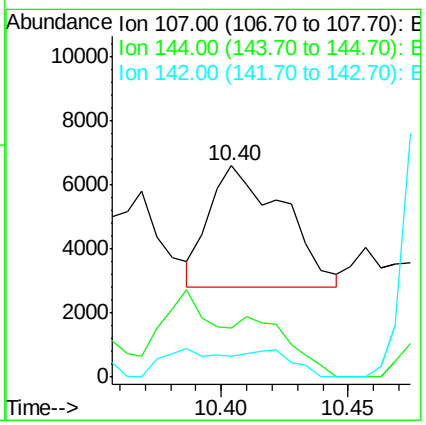


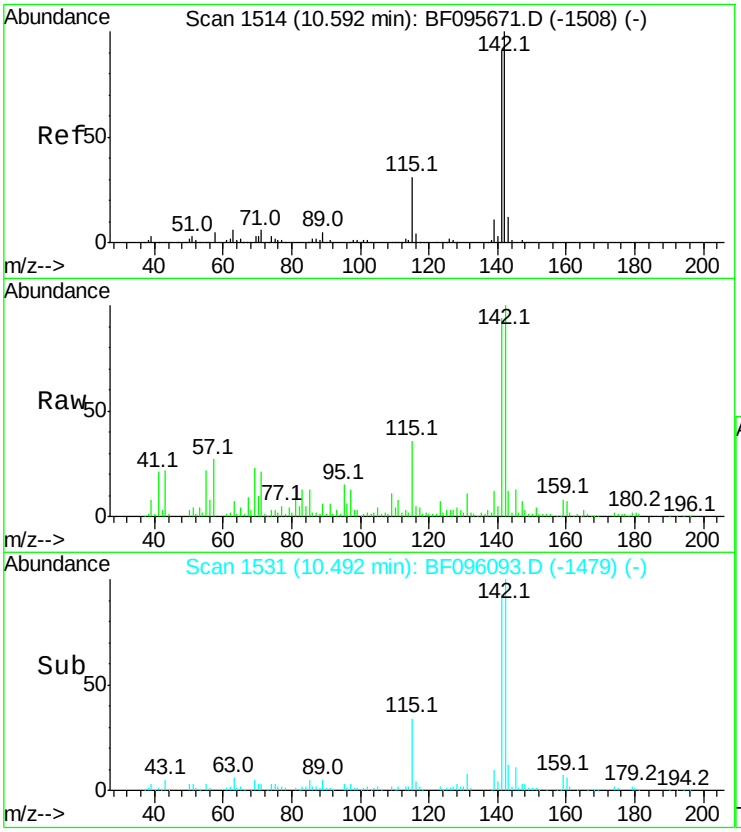




#36
4-Chloro-3-methylphenol
Concen: 2.11 ng
RT: 10.40 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:107 Resp: 7631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.2 | 24.2 | 36.4# |
| 142 | 9.9 | 73.4 | 110.0# |



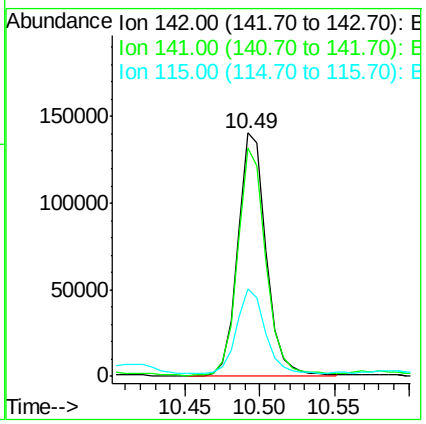


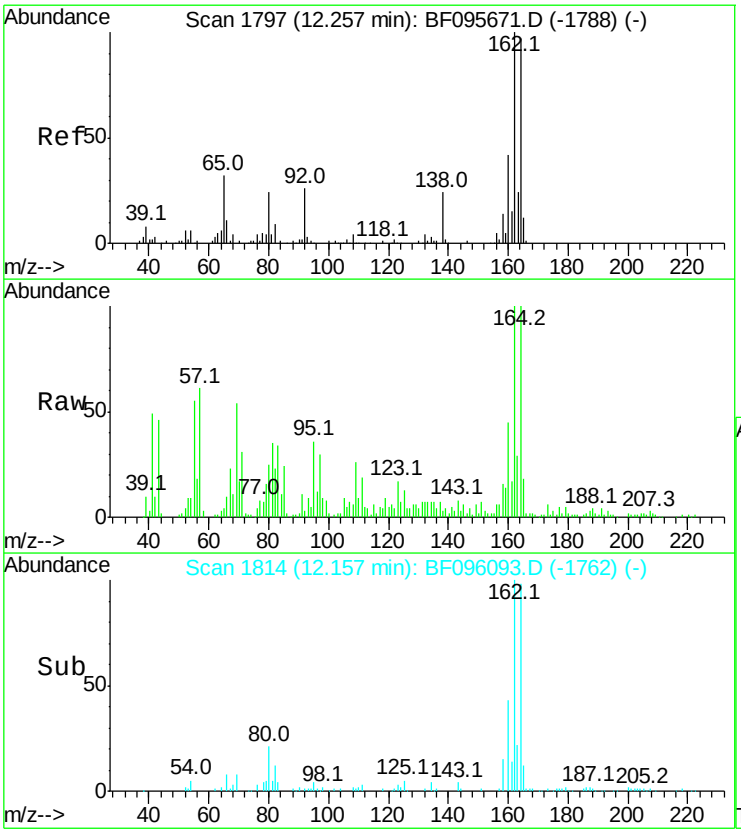

#37
2-Methylnaphthalene
Concen: 21.27 ng
RT: 10.49 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:142 Resp: 185431

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 93.5 | 71.3 | 106.9 |
| 115 | 36.1 | 27.1 | 40.7 |

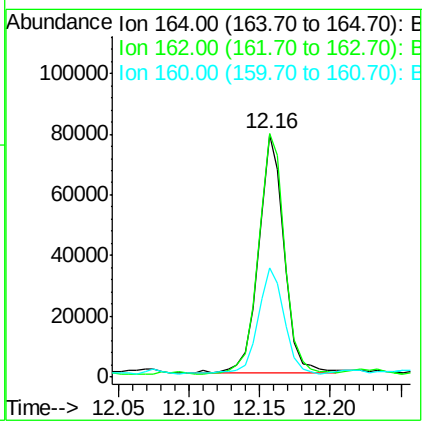


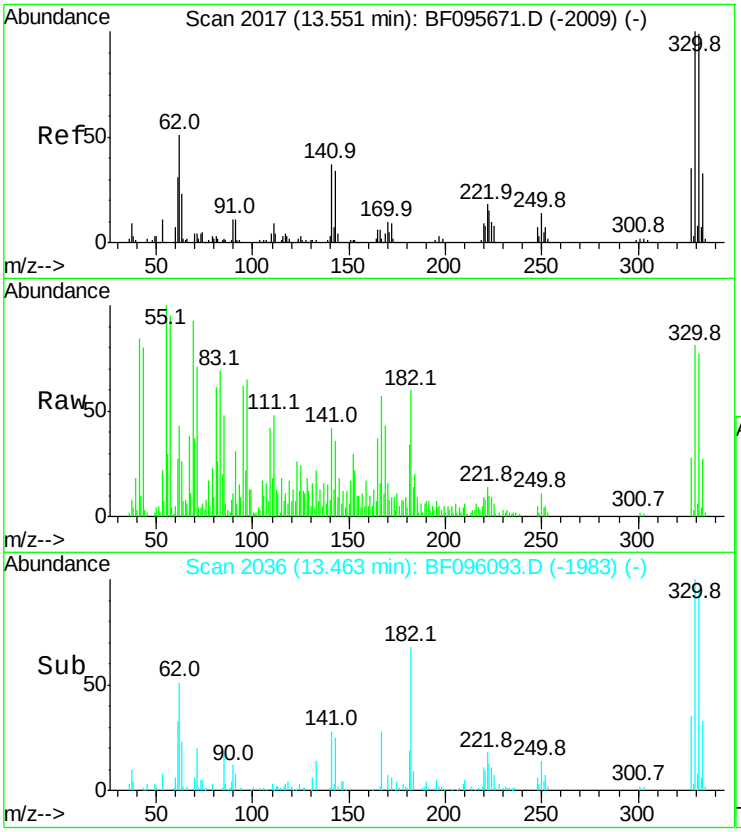




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:164 Resp: 99631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 82.6 | 123.8 |
| 160 | 44.8 | 36.2 | 54.2 |



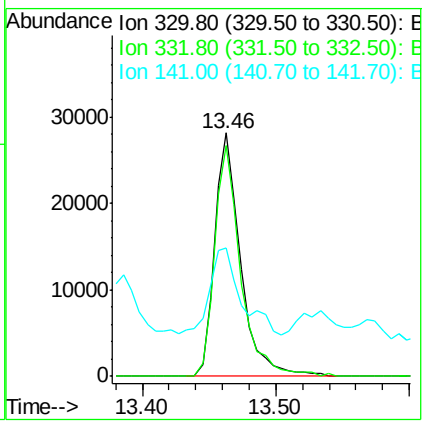


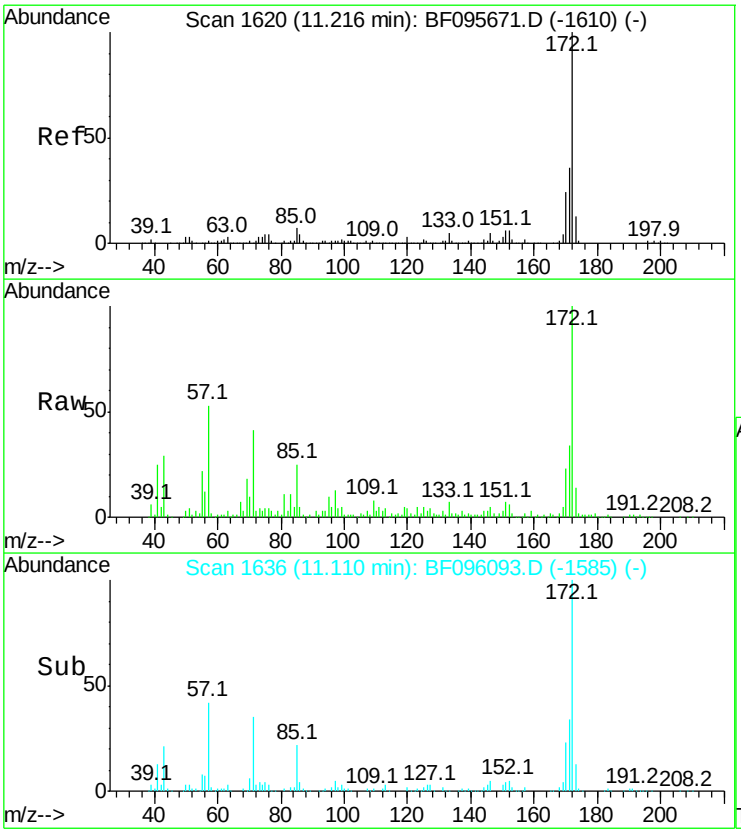

#41
2,4,6-Tribromophenol
Concen: 43.65 ng
RT: 13.46 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:330 Resp: 38480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.6 | 76.6 | 115.0 |
| 141 | 47.7 | 31.4 | 47.2# |

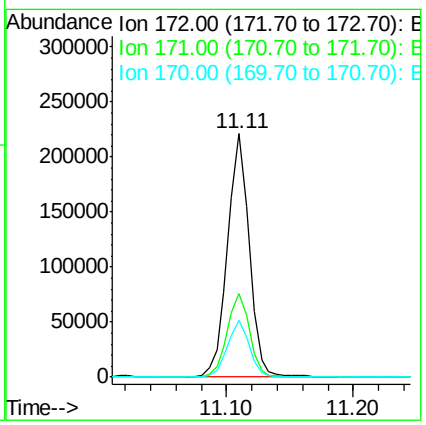


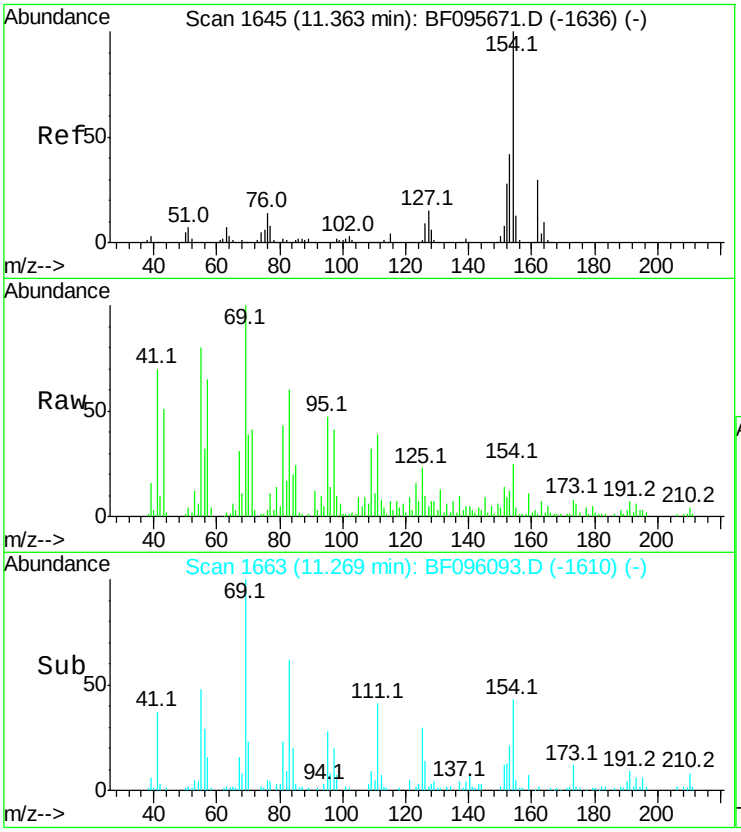




#44
2-Fluorobiphenyl
Concen: 36.68 ng
RT: 11.11 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:172 Resp: 262624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.5 | 29.6 | 44.4 |
| 170 | 23.5 | 19.8 | 29.8 |



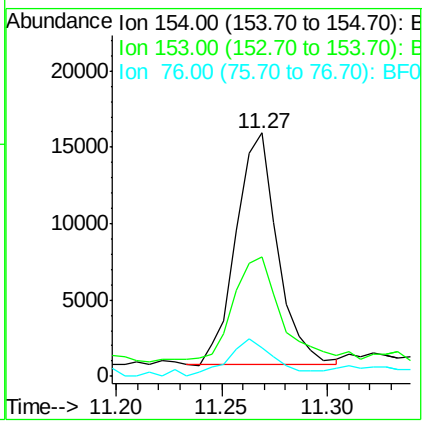


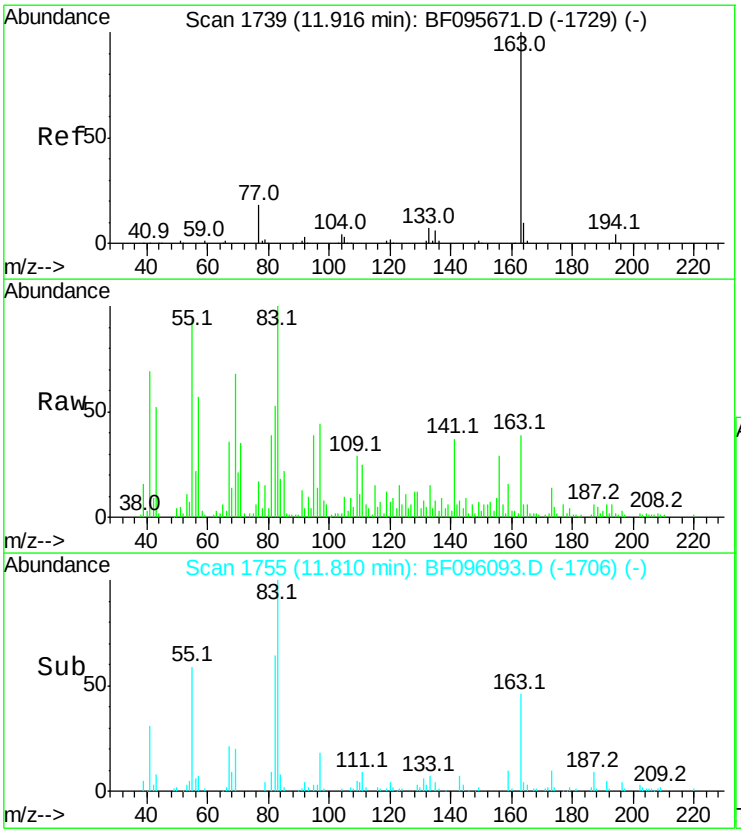

#45
1,1'-Biphenyl
Concen: 2.52 ng
RT: 11.27 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:154 Resp: 20678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 49.0 | 21.2 | 61.2 |
| 76 | 11.5 | 0.0 | 29.9 |

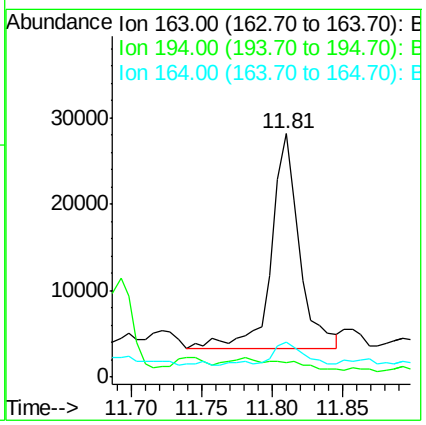


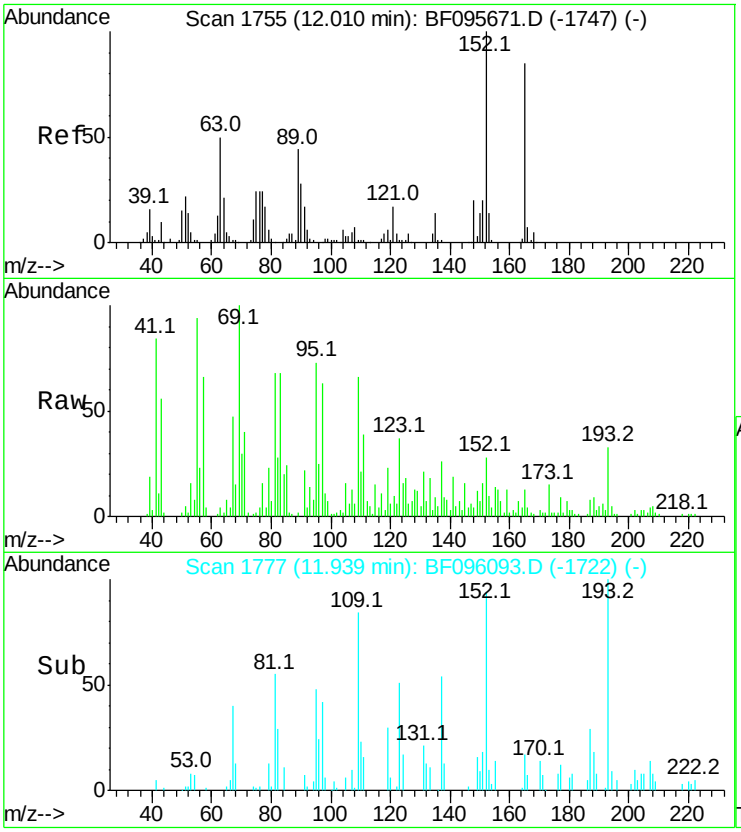




#49
Dimethylphthalate
Concen: 4.53 ng
RT: 11.81 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:163 Resp: 34296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.9 | 2.6 | 4.0# |
| 164 | 14.3 | 8.4 | 12.6# |



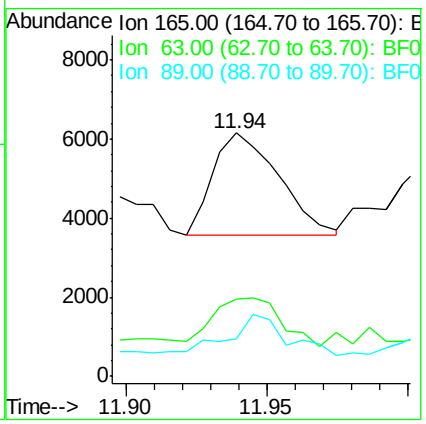


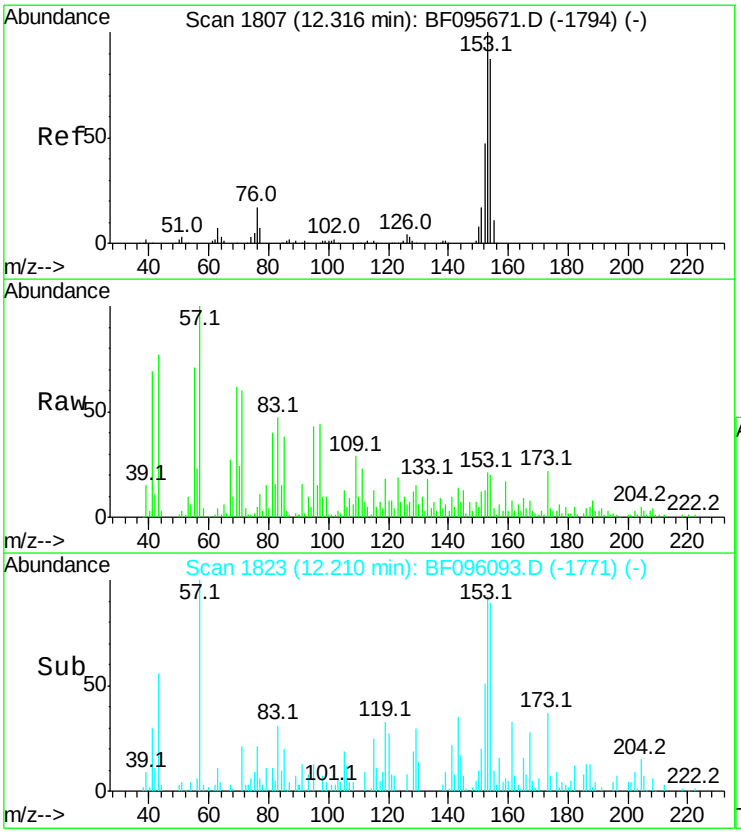

#50
2,6-Dinitrotoluene
Concen: 2.55 ng
RT: 11.94 min Scan# 1777
Delta R.T. 0.02 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:165 Resp: 4205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 31.7 | 34.3 | 51.5# |
| 89 | 15.6 | 37.1 | 55.7# |

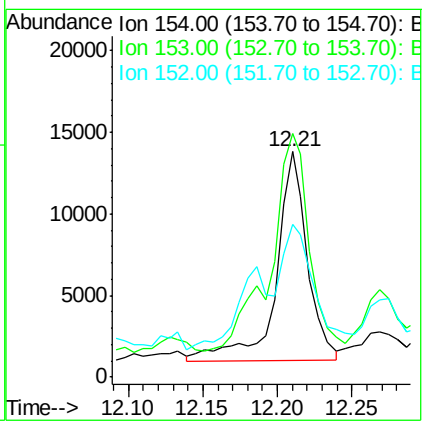


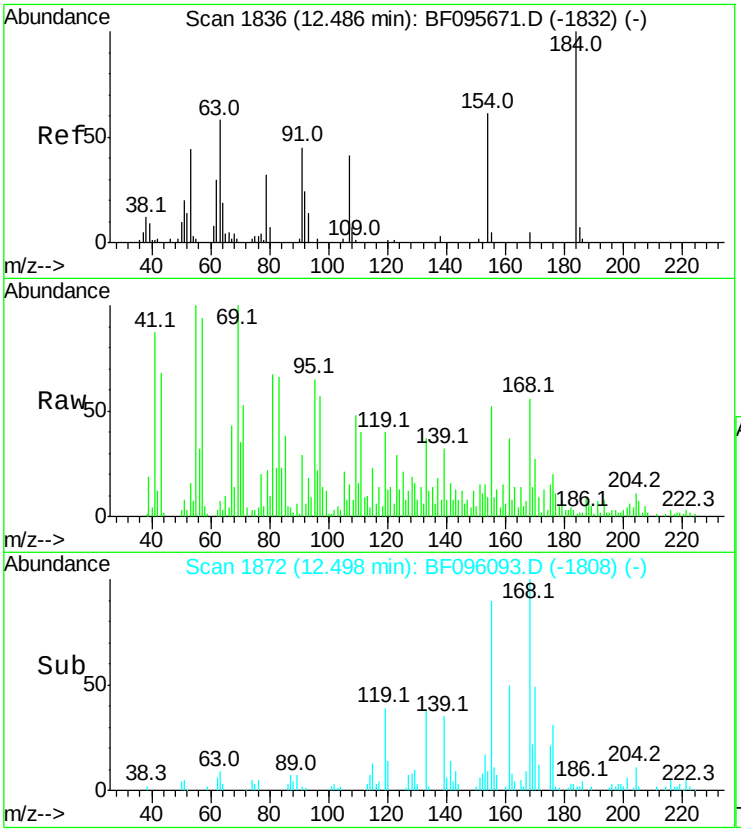




#51
Acenaphthene
Concen: 2.98 ng
RT: 12.21 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:154 Resp: 18902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 108.1 | 90.5 | 135.7 |
| 152 | 68.0 | 43.6 | 65.4# |



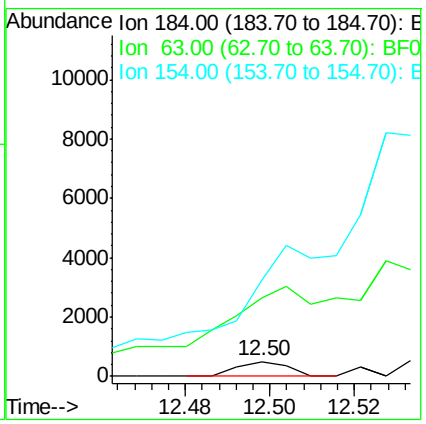


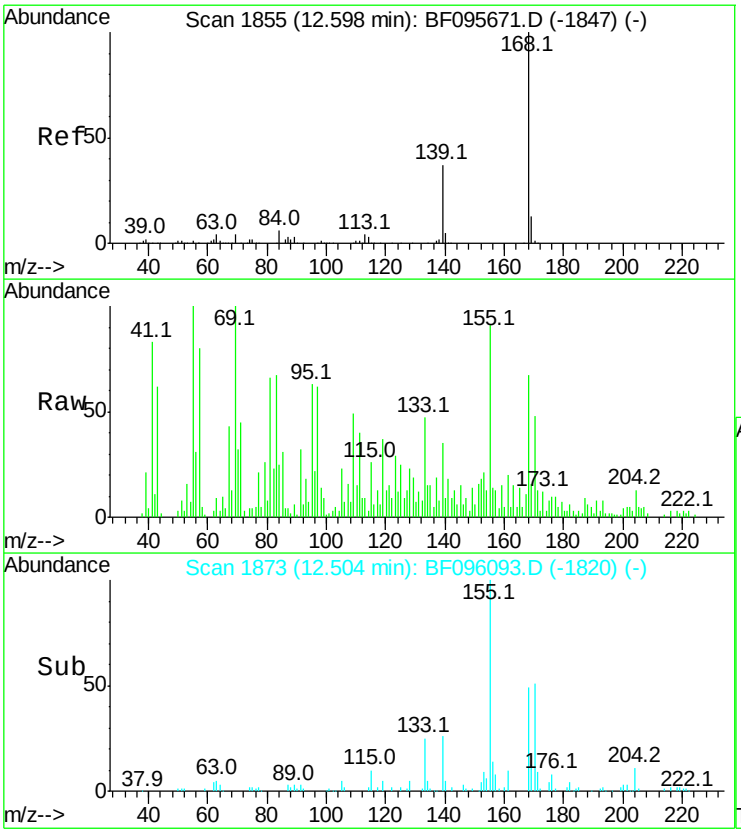

#53
2,4-Dinitrophenol
Concen: 6.88 ng
RT: 12.50 min Scan# 1872
Delta R.T. 0.08 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:184 Resp: 413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 538.9 | 62.7 | 94.1# |
| 154 | 658.2 | 81.1 | 121.7# |

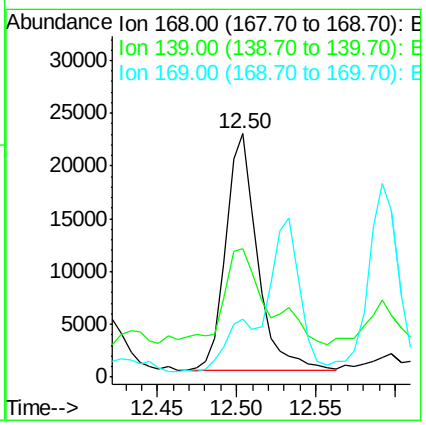


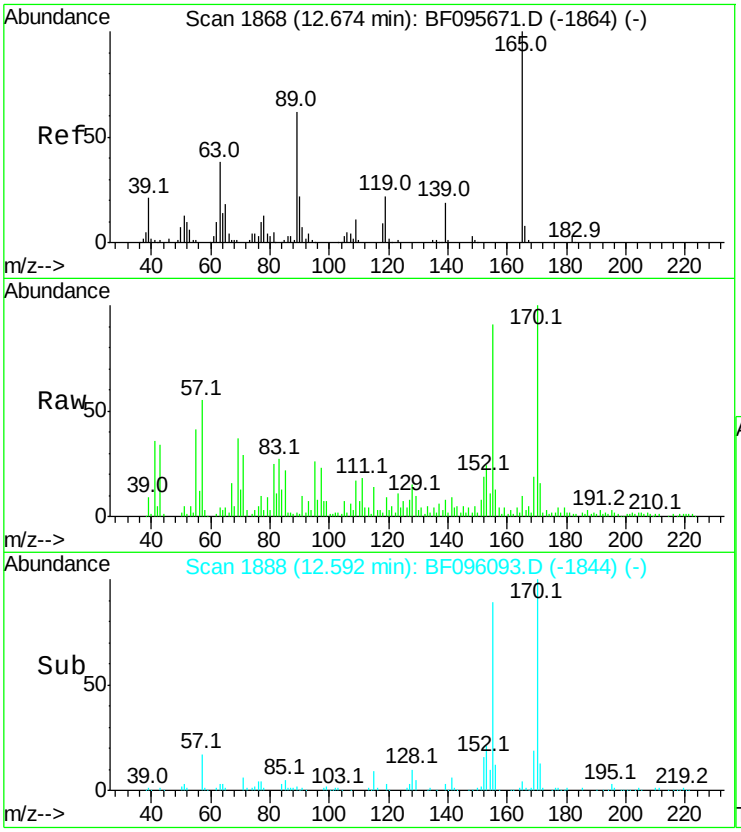




#54
Dibenzofuran
Concen: 3.51 ng
RT: 12.50 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:168 Resp: 31277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 52.7 | 30.6 | 45.8# |
| 169 | 24.1 | 10.8 | 16.2# |



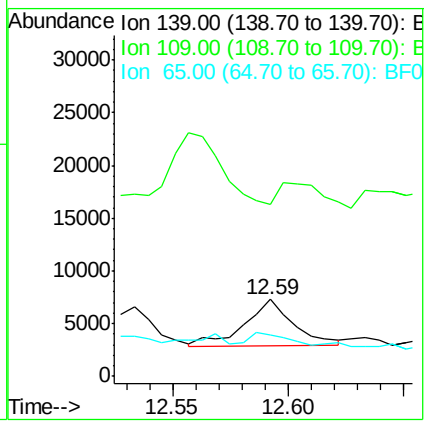


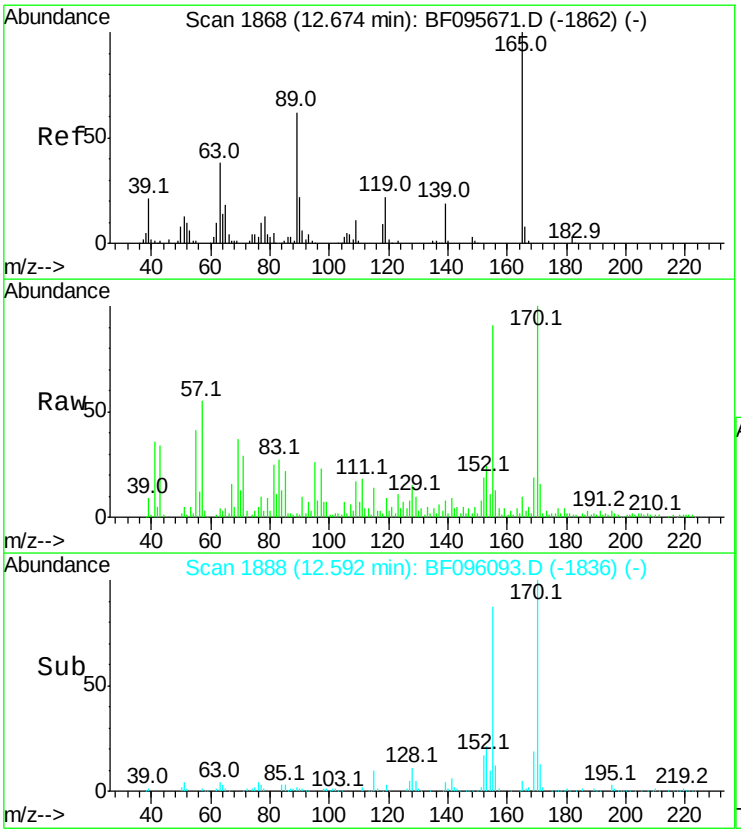

#55
4-Nitrophenol
Concen: 10.17 ng
RT: 12.59 min Scan# 1888
Delta R.T. -0.04 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:139 Resp: 6607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 223.5 | 34.1 | 74.1# |
| 65 | 53.9 | 31.4 | 71.4 |

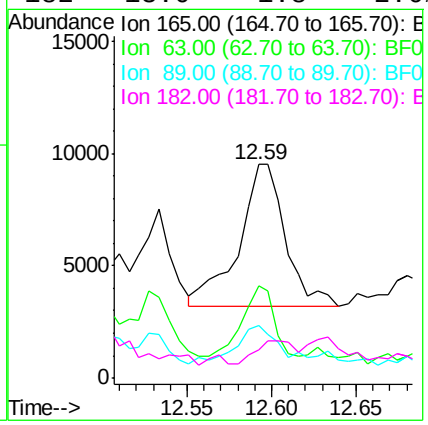


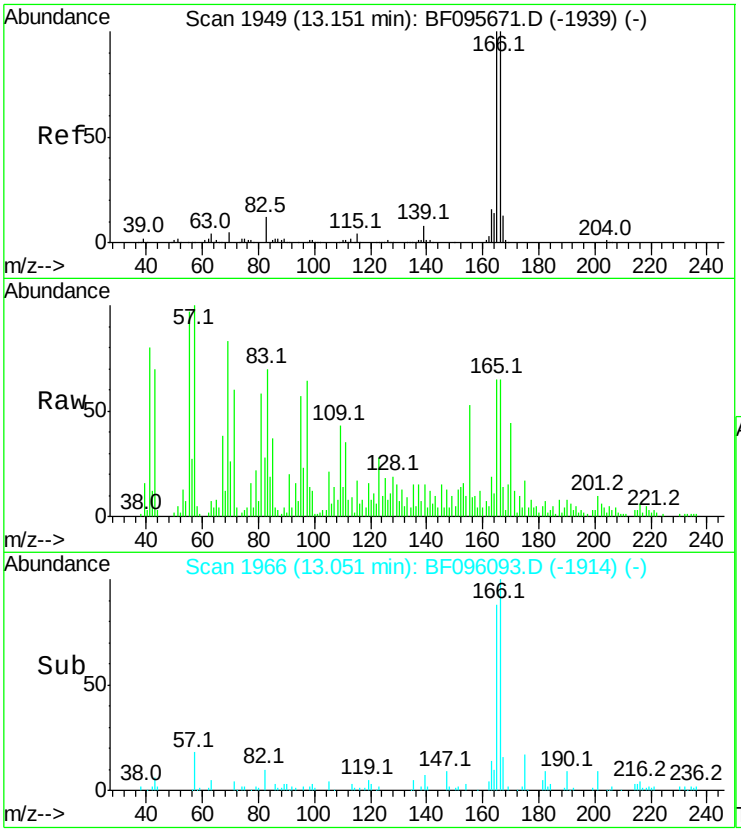




#56
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 12.59 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:165 Resp: 12189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.2 | 25.4 | 38.0# |
| 89 | 24.6 | 46.4 | 69.6# |
| 182 | 13.0 | 1.8 | 2.6# |



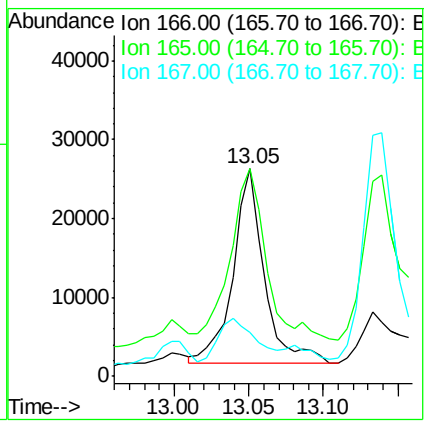


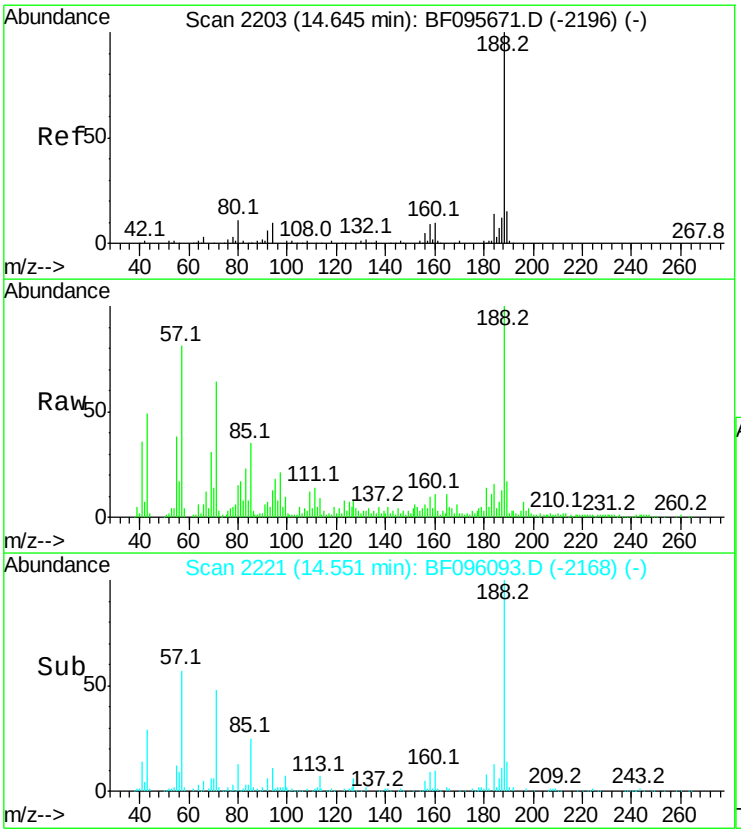

#57
Fluorene
Concen: 4.67 ng
RT: 13.05 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:166 Resp: 36259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.0 | 78.8 | 118.2 |
| 167 | 21.5 | 10.6 | 16.0# |

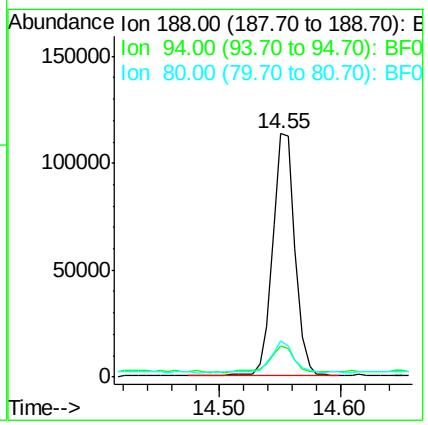


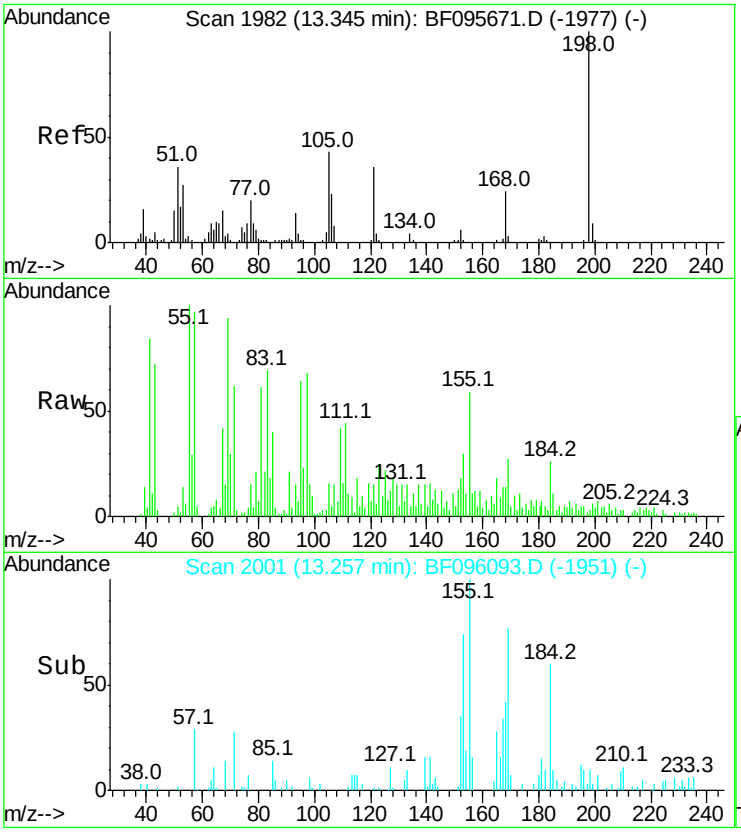




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:188 Resp: 146600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.0 | 9.4 | 14.2 |
| 80 | 14.8 | 10.2 | 15.2 |



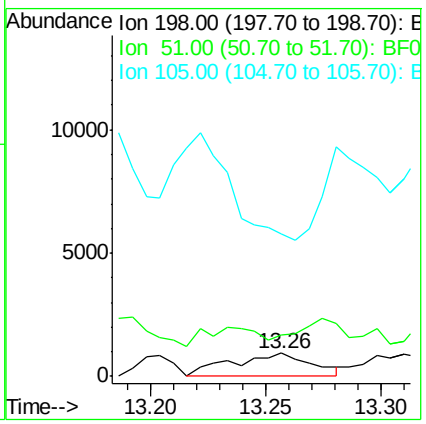


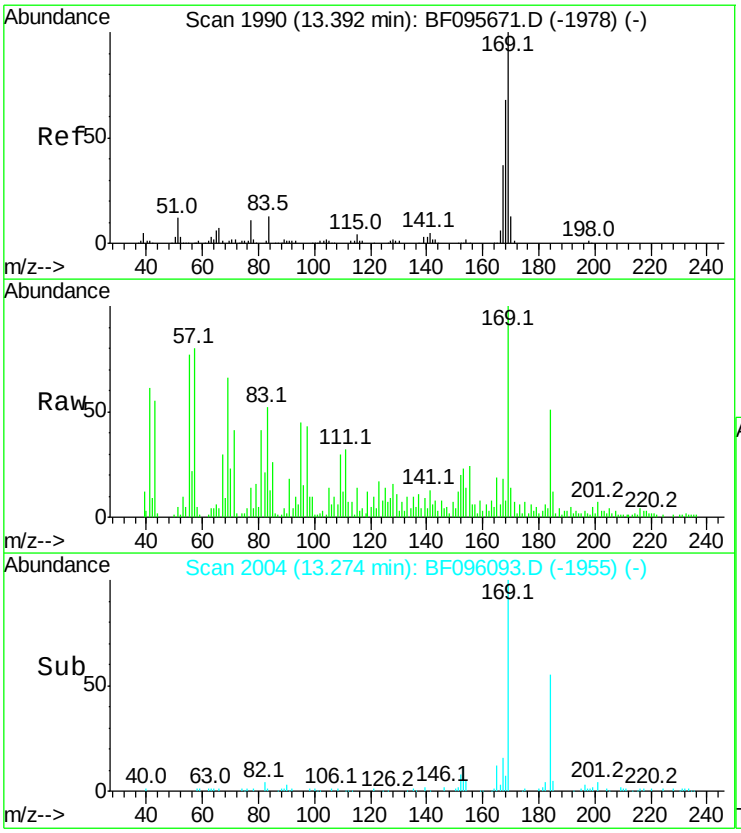

#64
4,6-Dinitro-2-methylphenol
Concen: 2.34 ng
RT: 13.26 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:198 Resp: 2257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 182.1 | 53.2 | 93.2# |
| 105 | 622.8 | 45.8 | 85.8# |

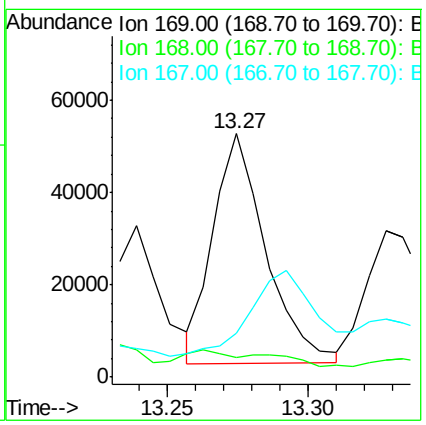


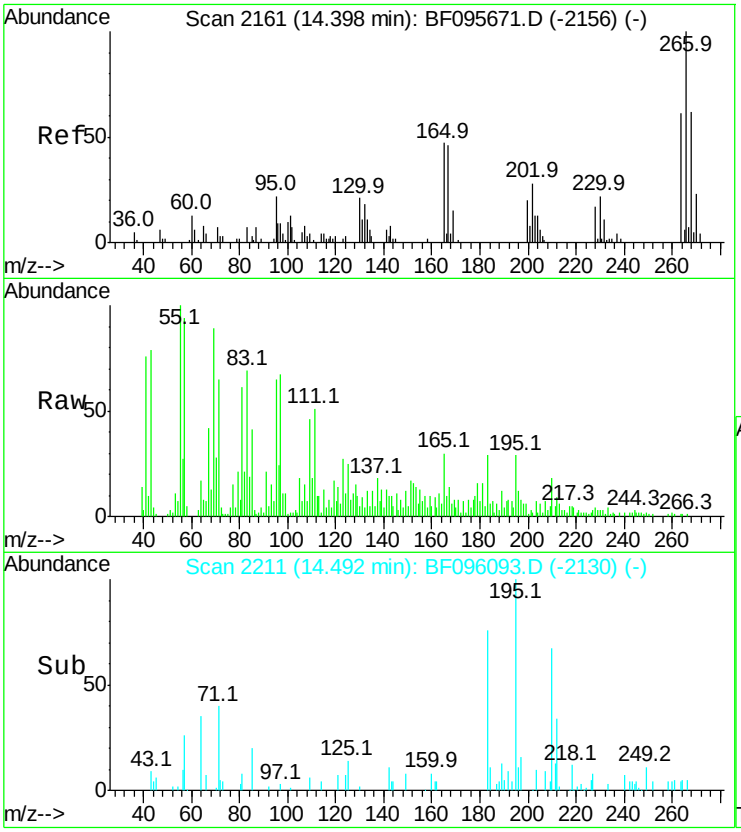




#65
n-Nitrosodiphenylamine
Concen: 12.20 ng
RT: 13.27 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:169 Resp: 64247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 8.3 | 53.2 | 79.8# |
| 167 | 17.9 | 29.5 | 44.3# |



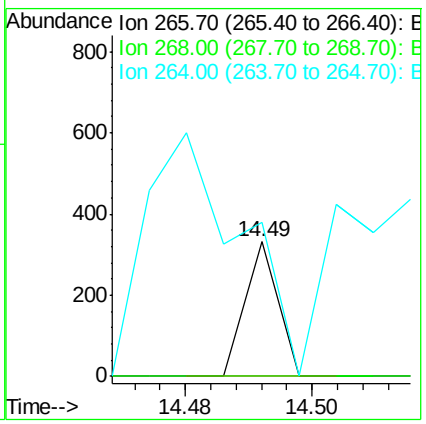


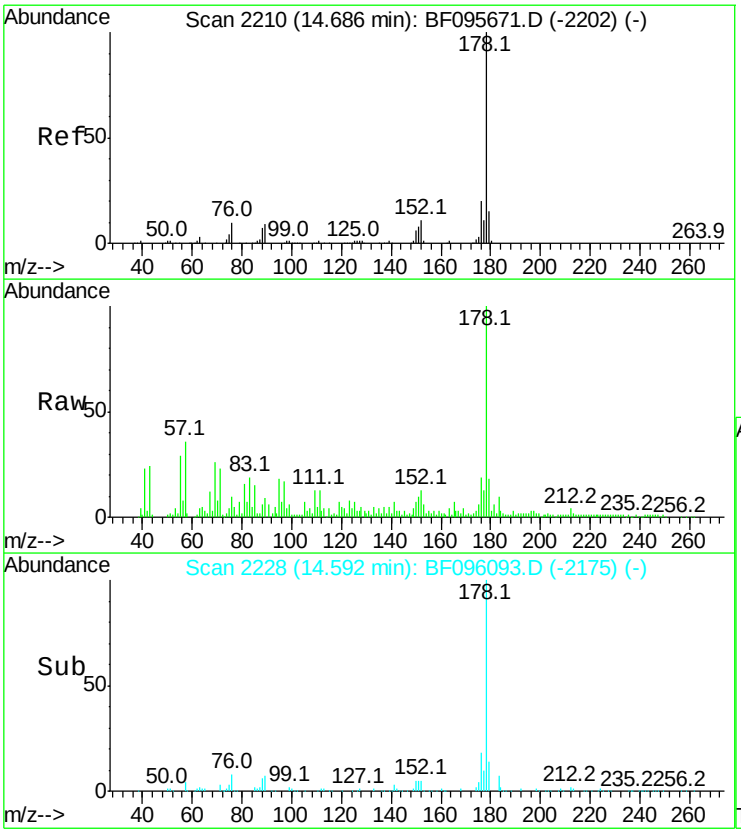

#69
Pentachlorophenol
Concen: 6.79 ng
RT: 14.49 min Scan# 2211
Delta R.T. 0.18 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:266 Resp: 117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 0.0 | 51.1 | 76.7# |
| 264 | 114.8 | 51.7 | 77.5# |

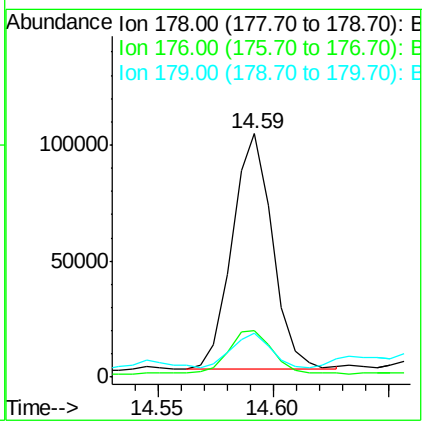


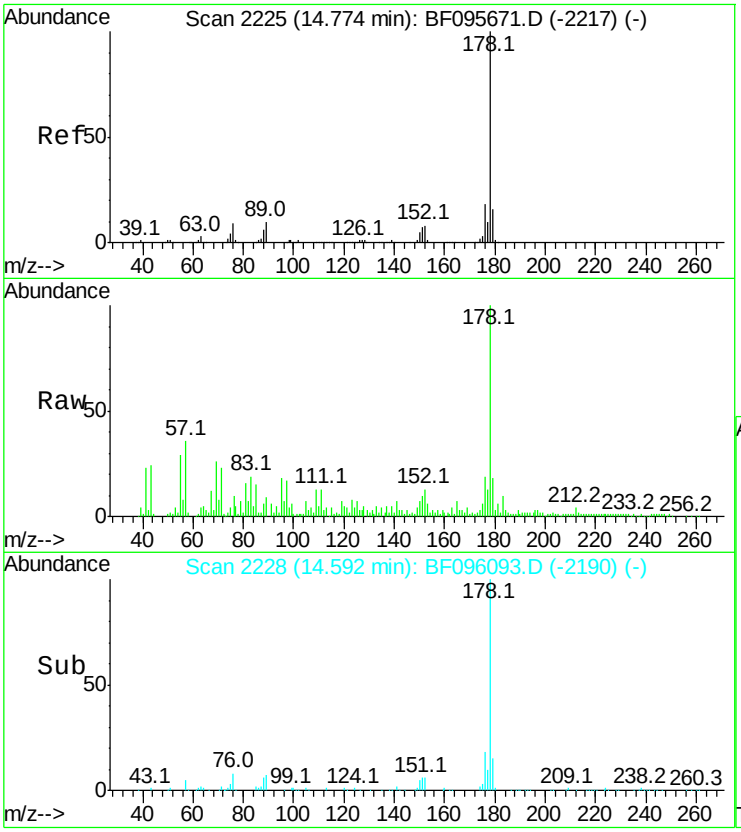




#70
Phenanthrene
Concen: 14.56 ng
RT: 14.59 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:178 Resp: 123149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 16.2 | 24.4 |
| 179 | 18.2 | 12.6 | 19.0 |



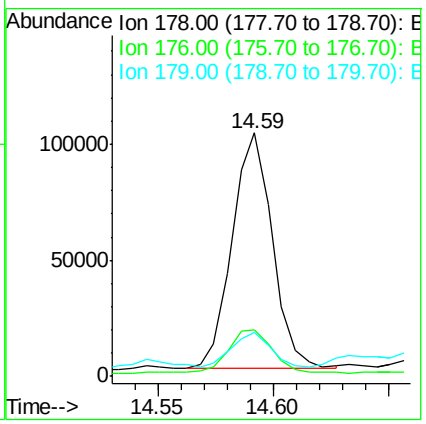


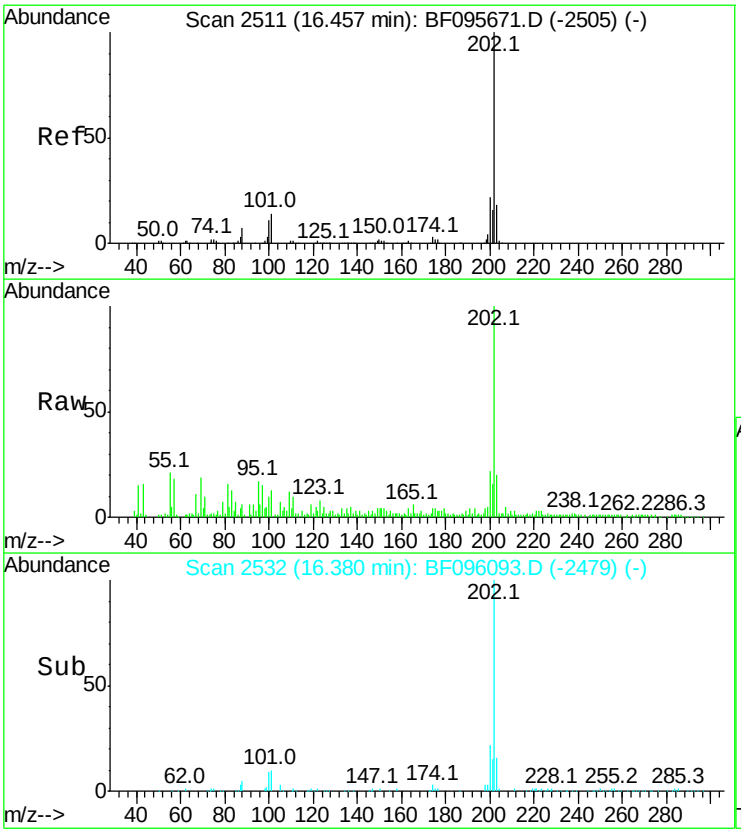

#71
Anthracene
Concen: 13.95 ng
RT: 14.59 min Scan# 2228
Delta R.T. -0.08 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:178 Resp: 123149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.9 | 15.8 | 23.8 |
| 179 | 18.2 | 12.7 | 19.1 |

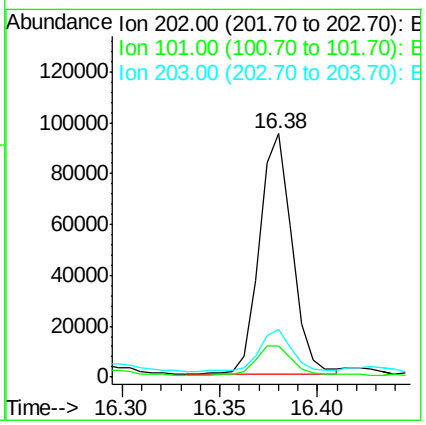


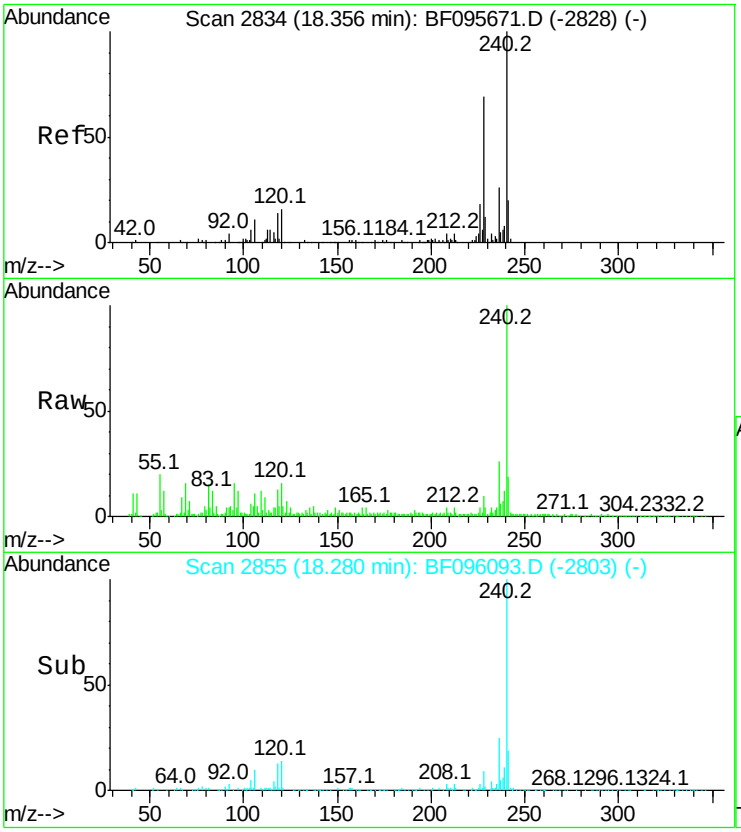




#74
Fluoranthene
Concen: 13.07 ng
RT: 16.38 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:202 Resp: 109417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.0 | 0.0 | 33.2 |
| 203 | 19.7 | 0.0 | 38.1 |



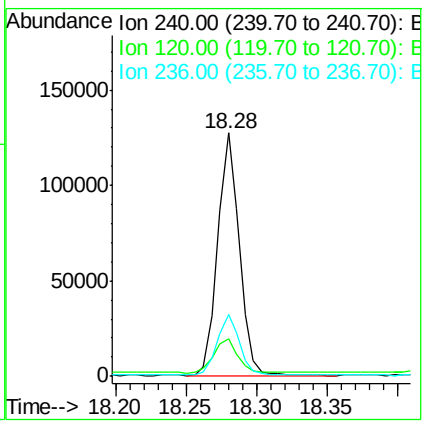


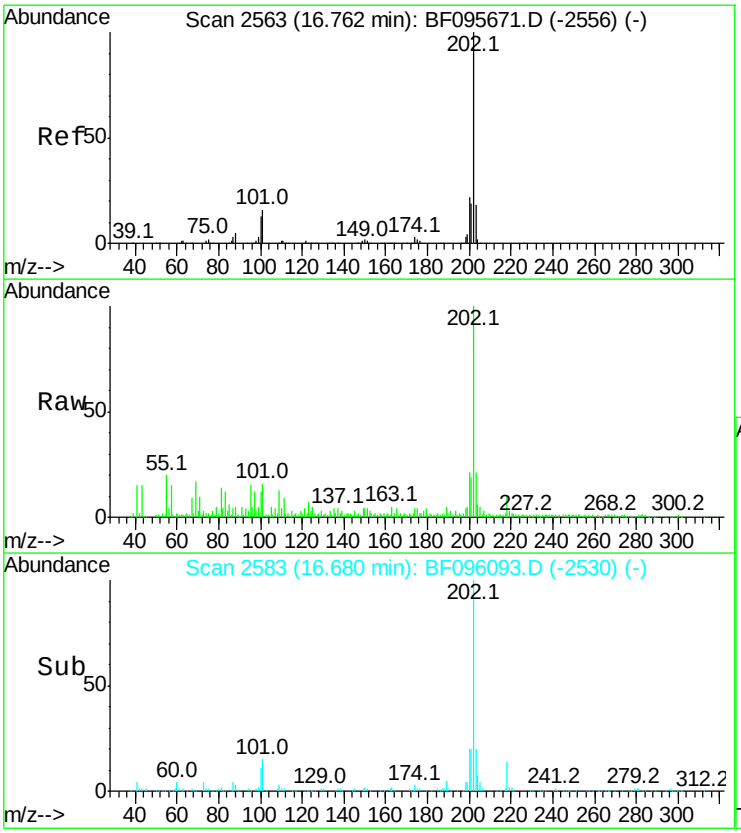

#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.28 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:240 Resp: 135390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.5 | 5.8 | 8.8# |
| 236 | 25.6 | 20.5 | 30.7 |

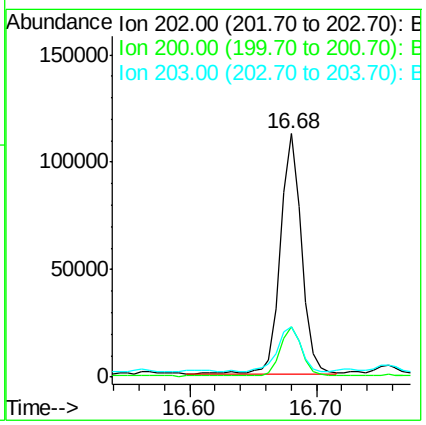


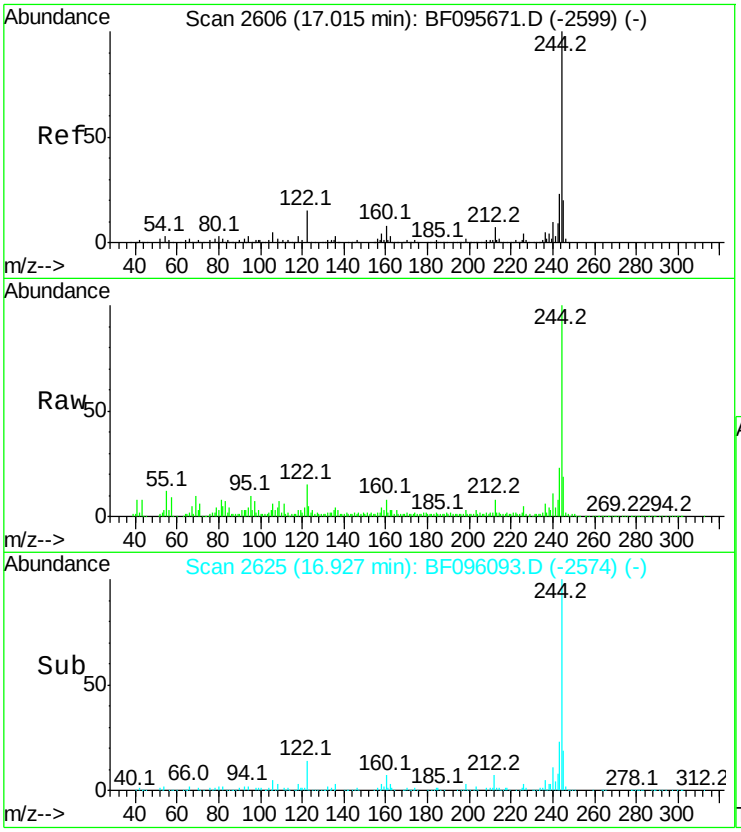




#77
Pyrene
Concen: 12.90 ng
RT: 16.68 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:202 Resp: 130361

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 17.6 | 26.4 |
| 203 | 20.5 | 14.4 | 21.6 |



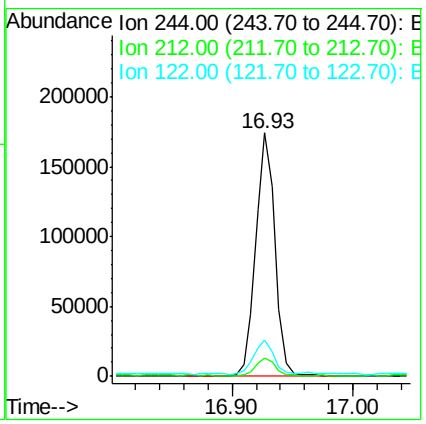


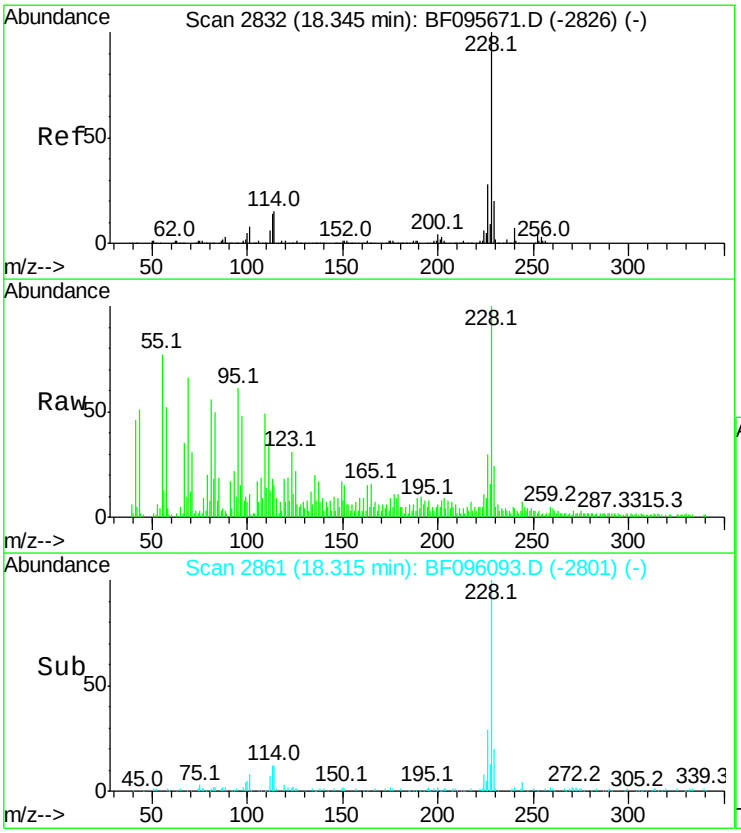

#78
Terphenyl-d14
Concen: 35.16 ng
RT: 16.93 min Scan# 2625
Delta R.T. 0.00 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:244 Resp: 191787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.0 | 9.0 |
| 122 | 15.0 | 10.3 | 15.5 |

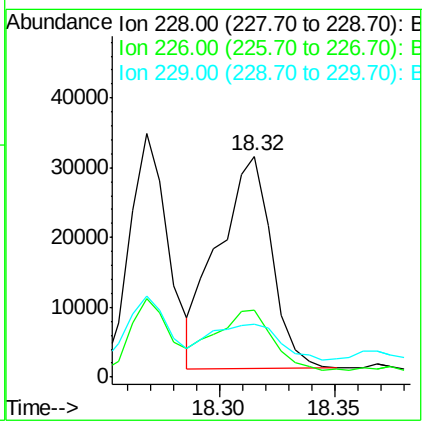


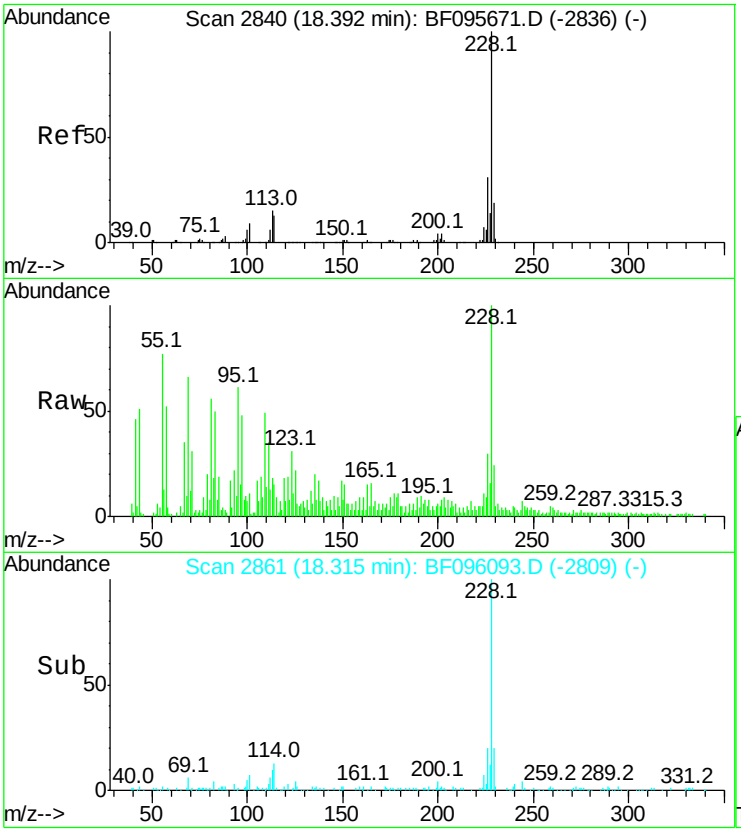




#80
Benzo(a)anthracene
Concen: 6.25 ng
RT: 18.32 min Scan# 2861
Delta R.T. 0.05 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:228 Resp: 49182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 22.6 | 33.8 |
| 229 | 24.2 | 16.3 | 24.5 |



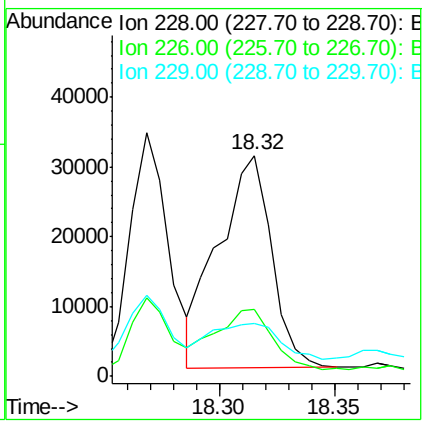


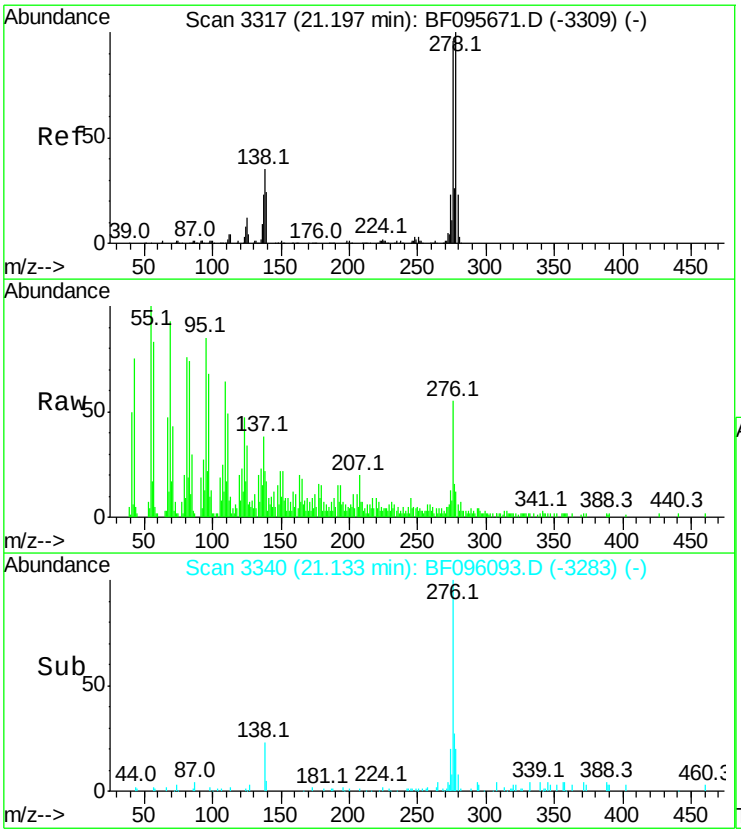

#82
Chrysene
Concen: 6.25 ng
RT: 18.32 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:228 Resp: 49182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.3 | 24.9 | 37.3 |
| 229 | 24.2 | 15.8 | 23.6# |

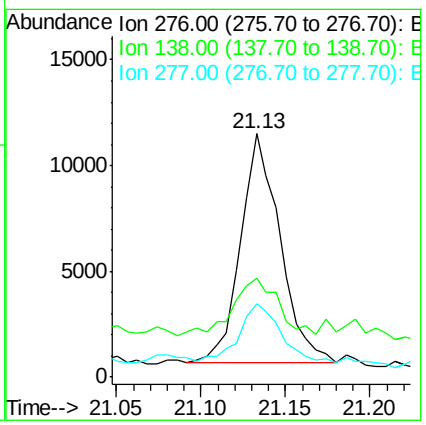


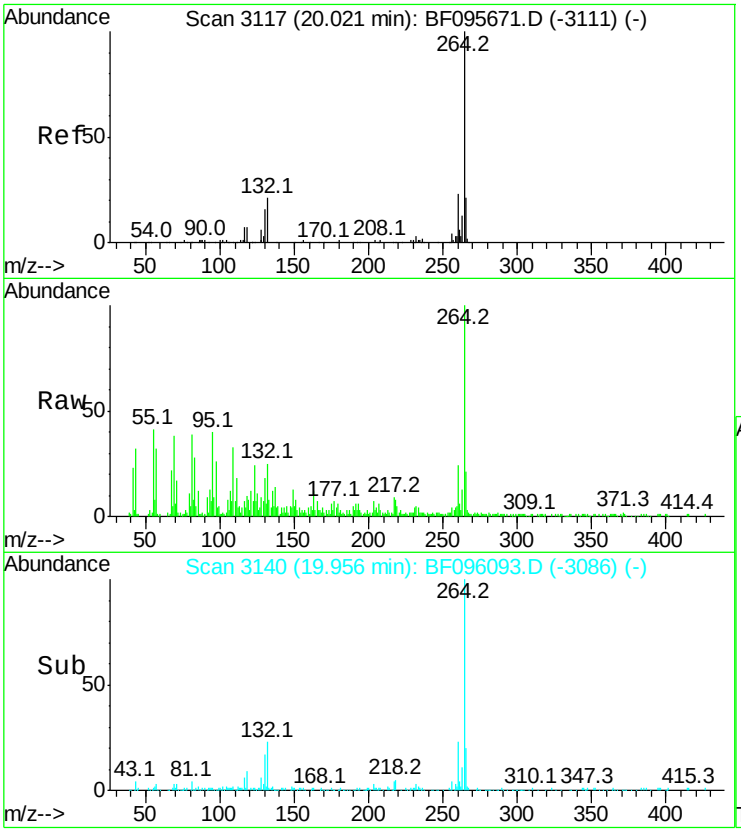




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.60 ng
RT: 21.13 min Scan# 3340
Delta R.T. 0.04 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:276 Resp: 17495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 29.1 | 27.8 | 41.6 |
| 277 | 27.0 | 20.2 | 30.4 |



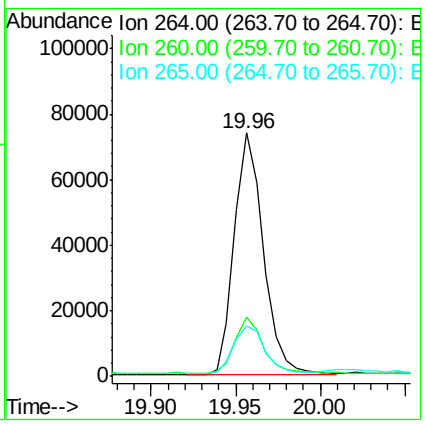


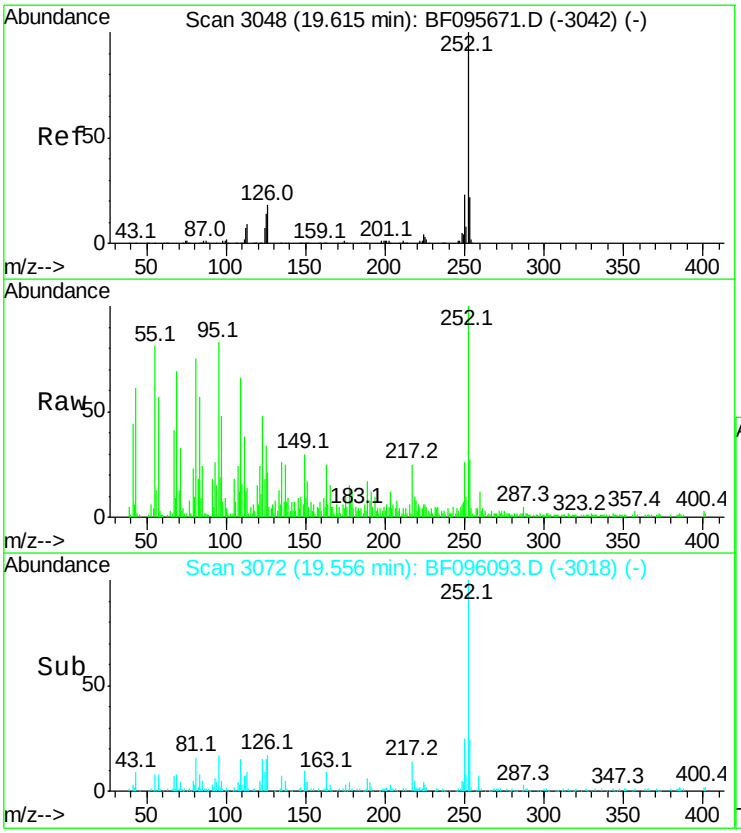

#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3140
Delta R.T. 0.02 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:264 Resp: 88567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.5 | 29.3 |
| 265 | 20.9 | 17.2 | 25.8 |

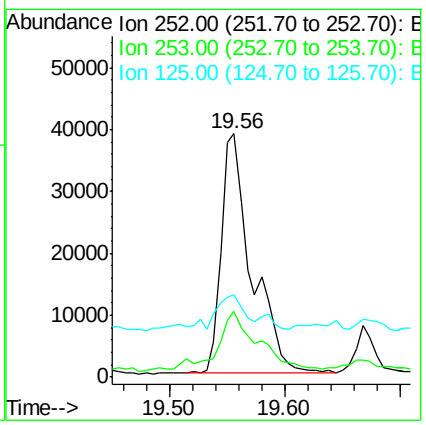


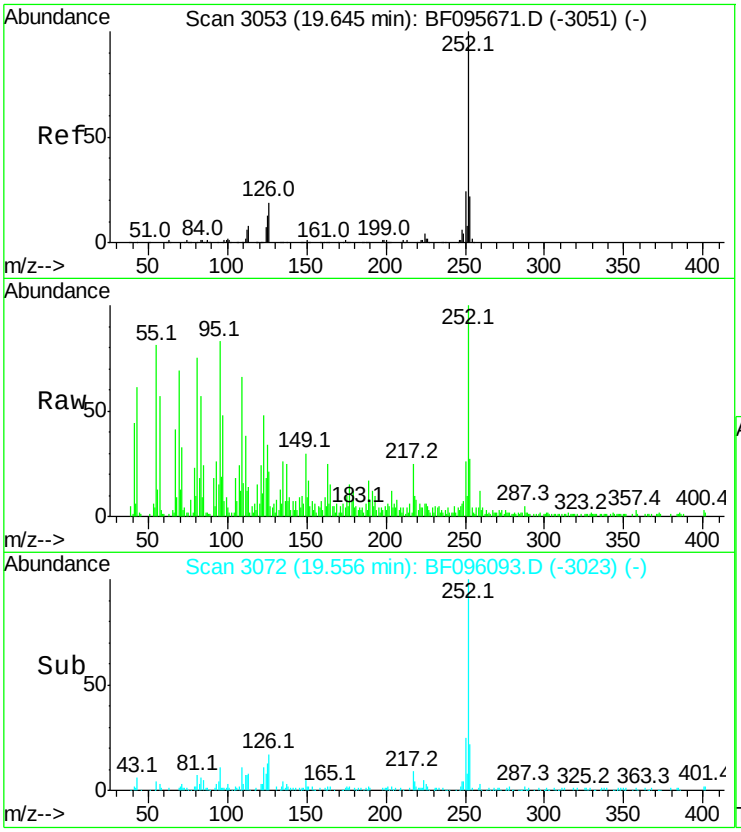




#87
Benzo(b)fluoranthene
Concen: 12.61 ng
RT: 19.56 min Scan# 3072
Delta R.T. 0.02 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:252 Resp: 69918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.2 | 18.1 | 27.1# |
| 125 | 34.0 | 9.8 | 14.8# |



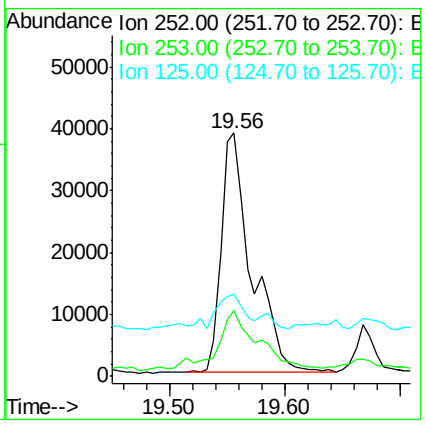


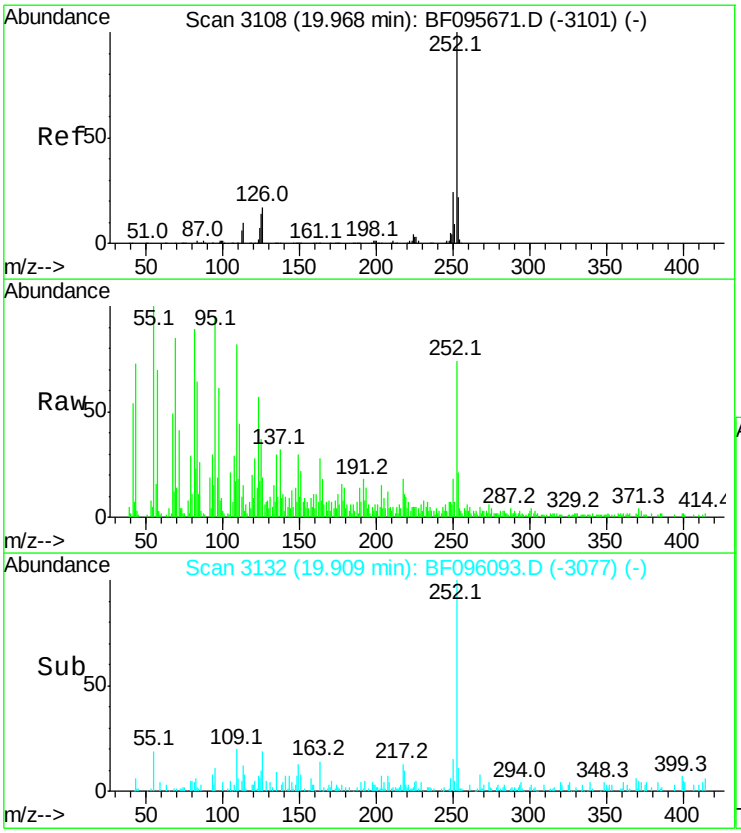

#88
Benzo(k)fluoranthene
Concen: 13.19 ng
RT: 19.56 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:252 Resp: 69918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.2 | 18.4 | 27.6 |
| 125 | 34.0 | 13.1 | 19.7# |

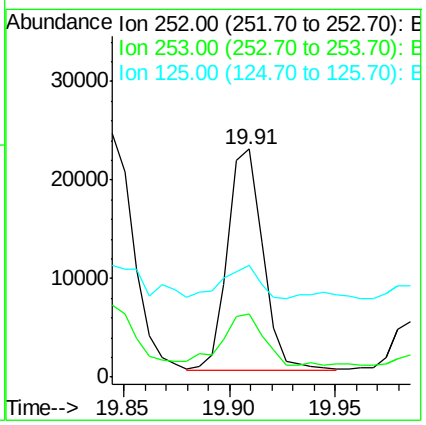


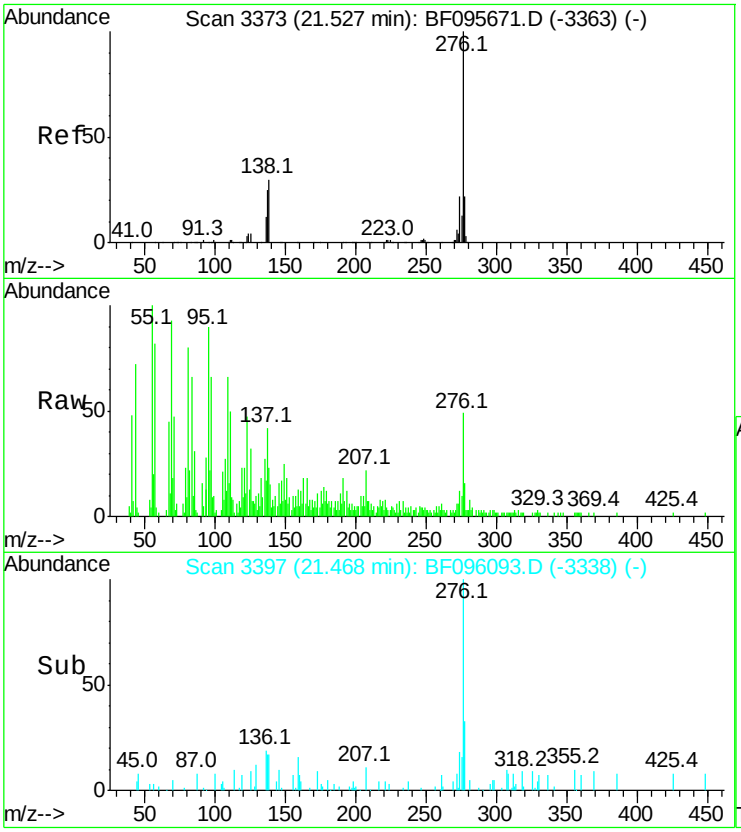




#89
Benzo(a)pyrene
Concen: 5.12 ng
RT: 19.91 min Scan# 3132
Delta R.T. 0.02 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

Tgt Ion:252 Resp: 26098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.7 | 17.5 | 26.3# |
| 125 | 49.2 | 11.0 | 16.4# |






#91
Benzo(g,h,i)perylene
Concen: 4.29 ng
RT: 21.47 min Scan# 3397
Delta R.T. 0.05 min
Lab File: BF096093.D
Acq: 21 Jun 2017 19:51

**Instrument :**
BNA_F
**ClientSampleId :**
G18-1.5-3

Tgt Ion:276 Resp: 18927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 31.8 | 18.6 | 28.0# |
| 138 | 47.0 | 25.4 | 38.0# |