Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093902.D
Acq On : 24 Mar 2017 12:25
Operator : SJ/MA
Sample : I2367-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-DD10-SSW

Quant Time: Mar 24 23:02:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 5.97 | 152 | 195283 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 7.47 | 136 | 772507 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.62 | 164 | 332655 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.45 | 188 | 525279 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 14.70 | 240 | 305124 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 16.34 | 264 | 289247 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.50 | 112 | 1271348 | 109.96 | ng | | 0.00 |
| 7) Phenol-d6 | 5.57 | 99 | 1493557 | 104.42 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 6.62 | 82 | 946747 | 69.94 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.59 | 330 | 265269 | 100.91 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 8.80 | 172 | 1515583 | 69.49 | ng | | -0.02 |
| 78) Terphenyl-d14 | 13.42 | 244 | 913595 | 67.11 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 5.58 | 94 | 33121 | 2.03 | ng | | 88 |
| 19) n-Nitroso-di-n-propylamine | 6.62 | 70 | 123973 | 13.49 | ng | # | 80 |
| 31) Naphthalene | 7.50 | 128 | 266354 | 7.17 | ng | | 98 |
| 32) Benzoic acid | 7.23 | 122 | 15249 | 2.09 | ng | # | 19 |
| 33) 4-Chloroaniline | 7.50 | 127 | 34946 | 2.32 | ng | # | 35 |
| 37) 2-Methylnaphthalene | 8.34 | 142 | 130764 | 5.28 | ng | | 99 |
| 48) Acenaphthylene | 9.44 | 152 | 226506 | 6.49 | ng | | 99 |
| 49) Dimethylphthalate | 9.29 | 163 | 191022 | 8.08 | ng | | 99 |
| 51) Acenaphthene | 9.65 | 154 | 91801 | 4.51 | ng | | 99 |
| 54) Dibenzofuran | 9.86 | 168 | 147788 | 5.33 | ng | | 98 |
| 57) Fluorene | 10.29 | 166 | 136943 | 5.96 | ng | | 99 |
| 70) Phenanthrene | 11.47 | 178 | 1464941 | 50.13 | ng | | 99 |
| 71) Anthracene | 11.53 | 178 | 450777 | 14.98 | ng | | 99 |
| 72) Carbazole | 11.73 | 167 | 148433 | 4.81 | ng | | 98 |
| 74) Fluoranthene | 12.94 | 202 | 1943770 | 64.96 | ng | | 99 |
| 77) Pyrene | 13.22 | 202 | 1716904 | 77.53 | ng | | 99 |
| 80) Benzo(a)anthracene | 14.69 | 228 | 784296 | 44.08 | ng | | 98 |
| 82) Chrysene | 14.73 | 228 | 724916 | 43.90 | ng | | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 14.74 | 149 | 145844 | 11.33 | ng | # | 93 |
| 85) Indeno(1,2,3-cd)pyrene | 17.74 | 276 | 383316 | 26.81 | ng | | 95 |
| 87) Benzo(b)fluoranthene | 15.93 | 252 | 1300628 | 73.36 | ng | # | 96 |
| 88) Benzo(k)fluoranthene | 15.93 | 252 | 1300628 | 74.98 | ng | | 98 |
| 89) Benzo(a)pyrene | 16.29 | 252 | 624720 | 38.26 | ng | | 100 |
| 90) Dibenzo(a,h)anthracene | 17.75 | 278 | 104125 | 7.53 | ng | # | 92 |
| 91) Benzo(g,h,i)perylene | 18.15 | 276 | 346265 | 24.85 | ng | | 98 |

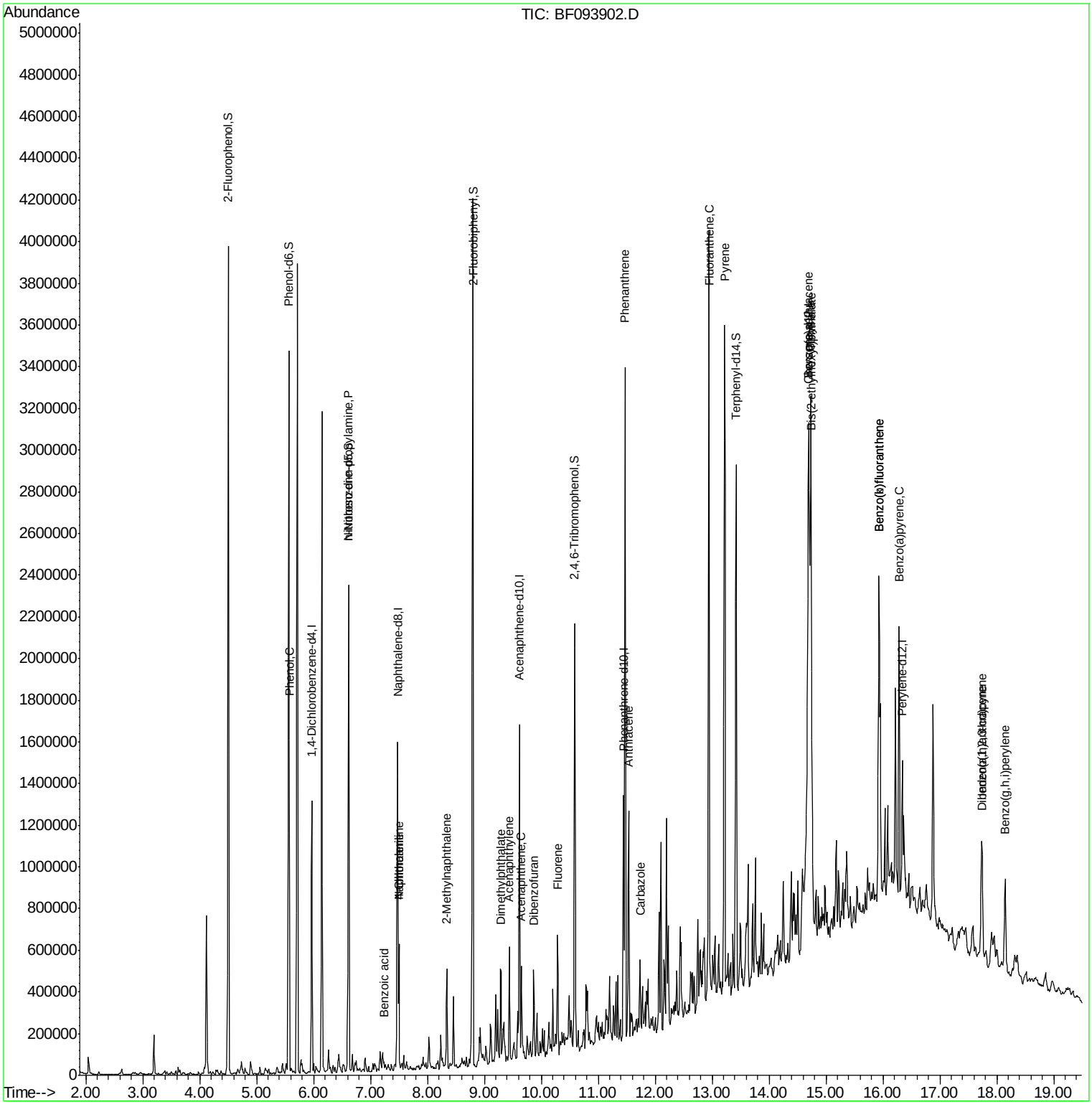
(#) = qualifier out of range (m) = manual integration (+) = signals summed

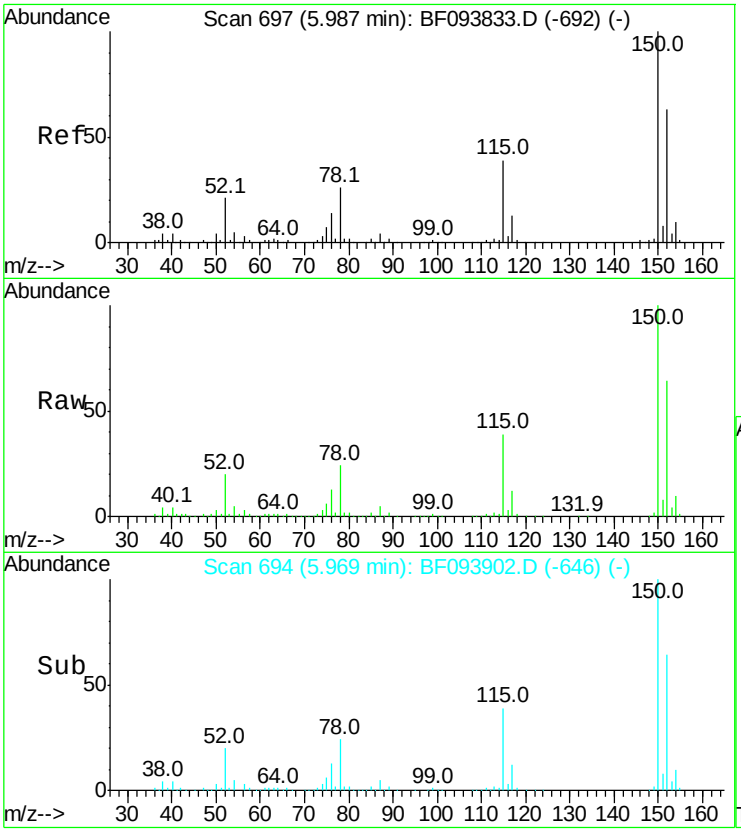
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
Data File : BF093902.D
Acq On : 24 Mar 2017 12:25
Operator : SJ/MA
Sample : I2367-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** E2-DD10-SSW

Quant Time: Mar 24 23:02:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 02:02:22 2017
Response via : Initial Calibration



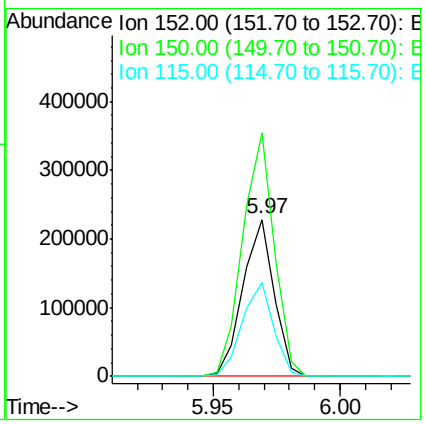


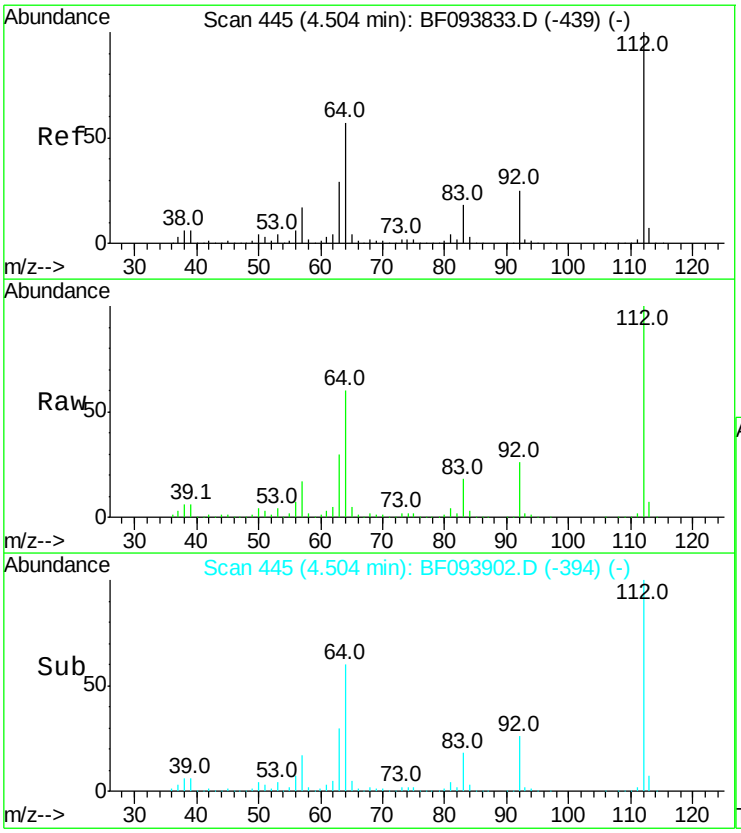

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:152 Resp: 195283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.5 | 126.2 | 189.2 |
| 115 | 60.2 | 52.2 | 78.2 |

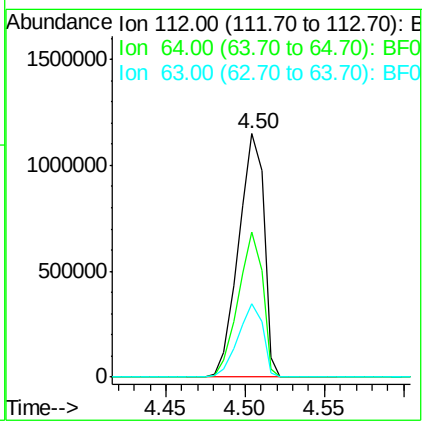


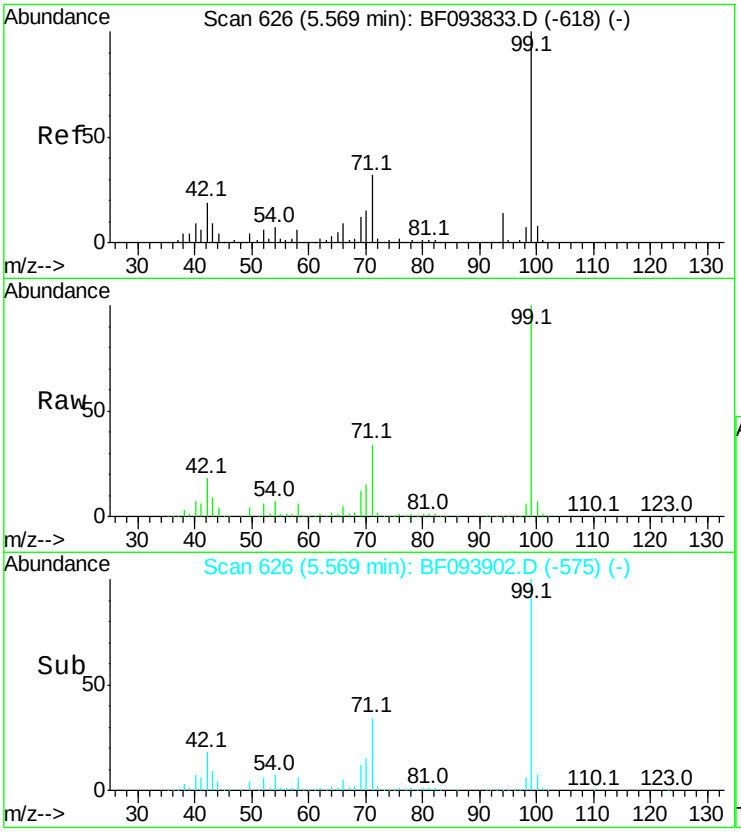




#5
2-Fluorophenol
Concen: 109.96 ng
RT: 4.50 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:112 Resp: 1271348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.7 | 46.0 | 69.0 |
| 63 | 30.3 | 23.4 | 35.0 |



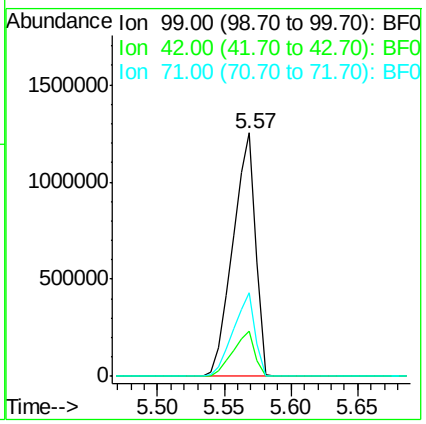


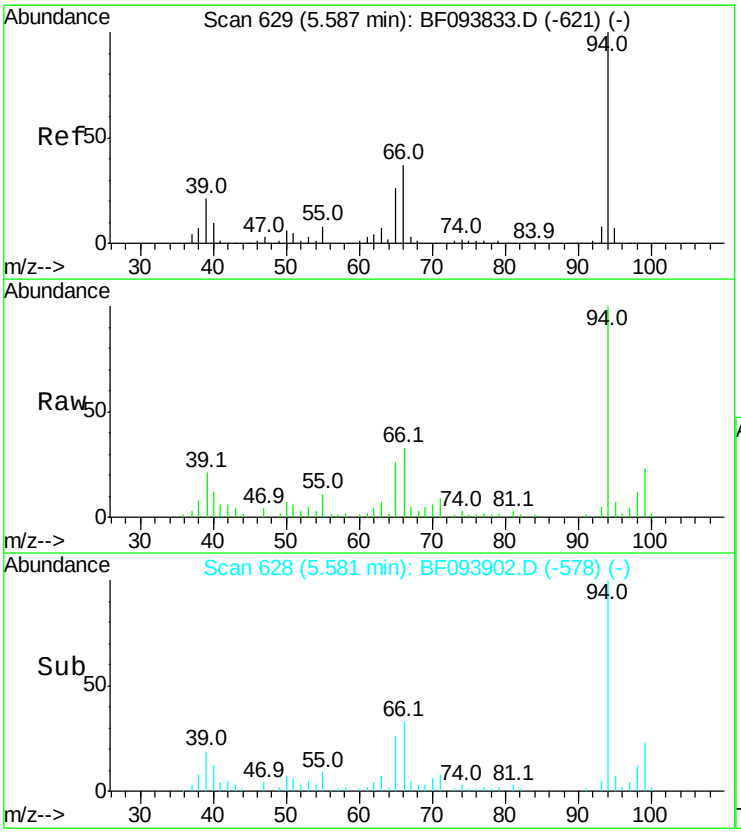

#7
Phenol-d6
Concen: 104.42 ng
RT: 5.57 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion: 99 Resp: 1493557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.5 | 13.5 | 20.3 |
| 71 | 34.2 | 24.5 | 36.7 |

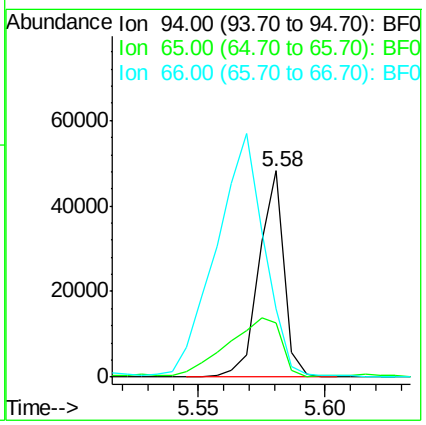


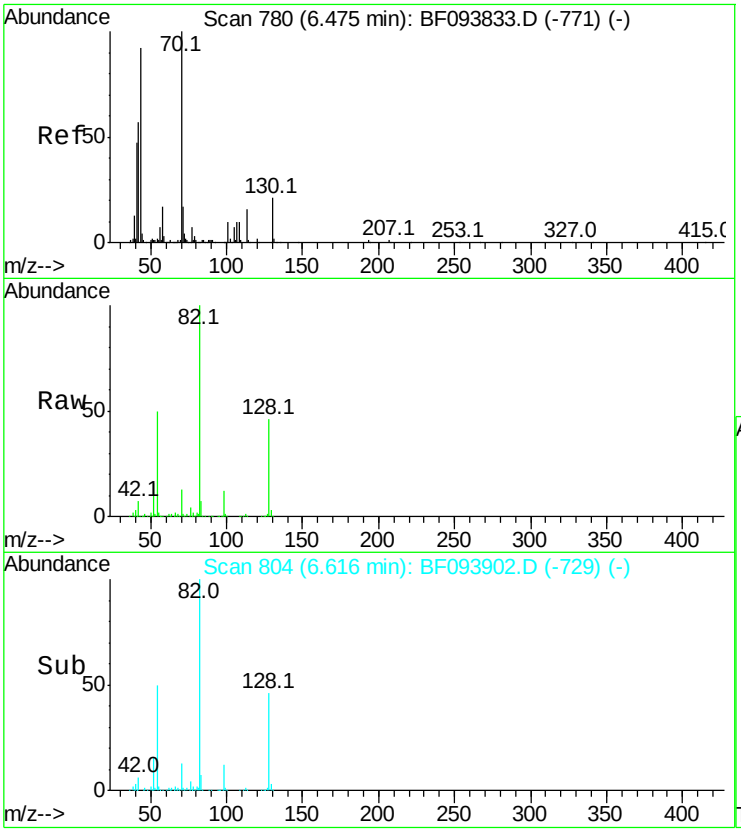




#10
Phenol
Concen: 2.03 ng
RT: 5.58 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion: 94 Resp: 33121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 26.0 | 9.9 | 49.9 |
| 66 | 33.0 | 23.1 | 63.1 |



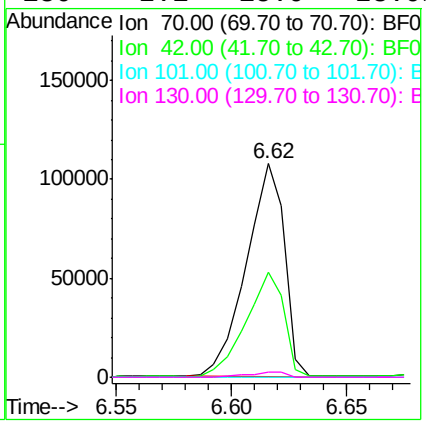


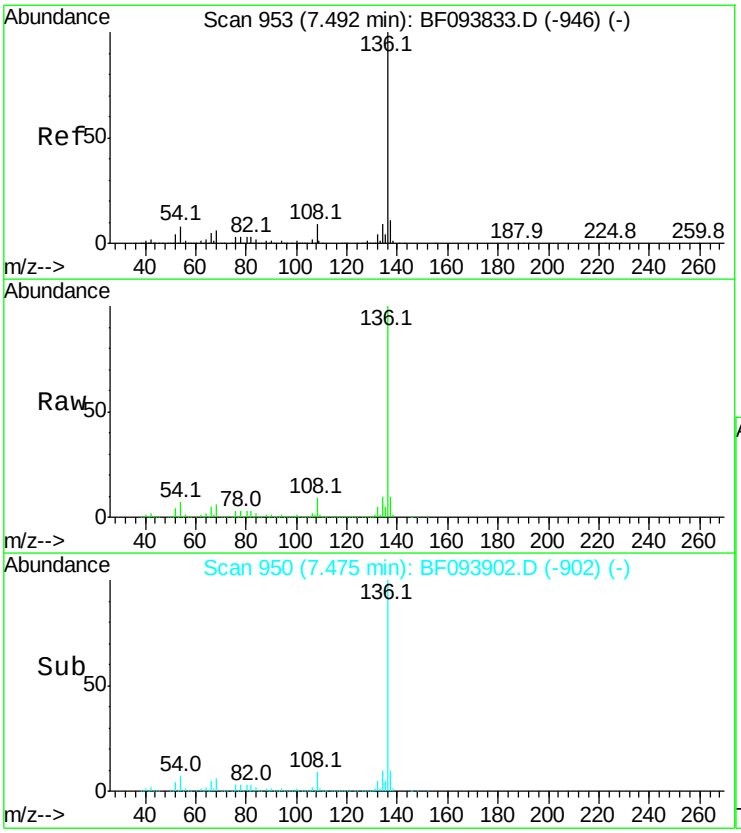

#19
n-Nitroso-di-n-propylamine
Concen: 13.49 ng
RT: 6.62 min Scan# 804
Delta R.T. 0.14 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion: 70 Resp: 123973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 49.3 | 47.2 | 70.8 |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 2.1 | 15.9 | 23.9# |

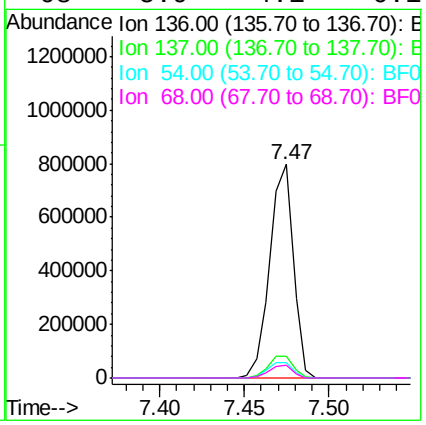


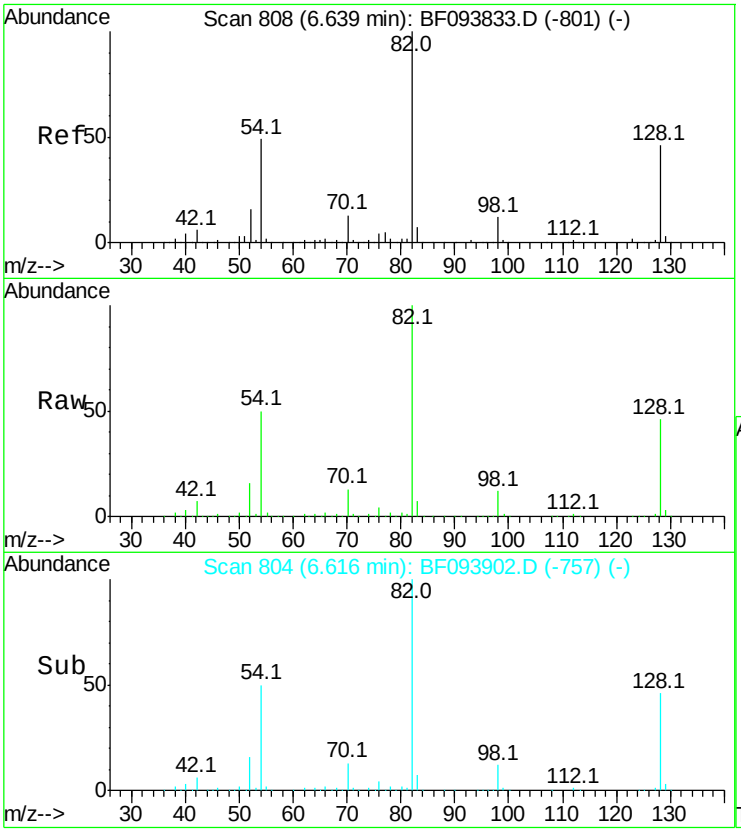




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.47 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:136 Resp: 772507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.5 | 12.7 |
| 54 | 7.1 | 4.9 | 7.3 |
| 68 | 5.9 | 4.1 | 6.1 |



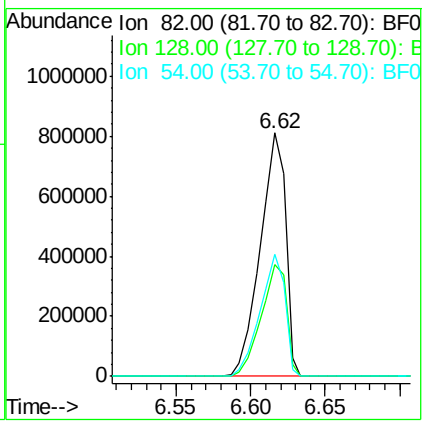


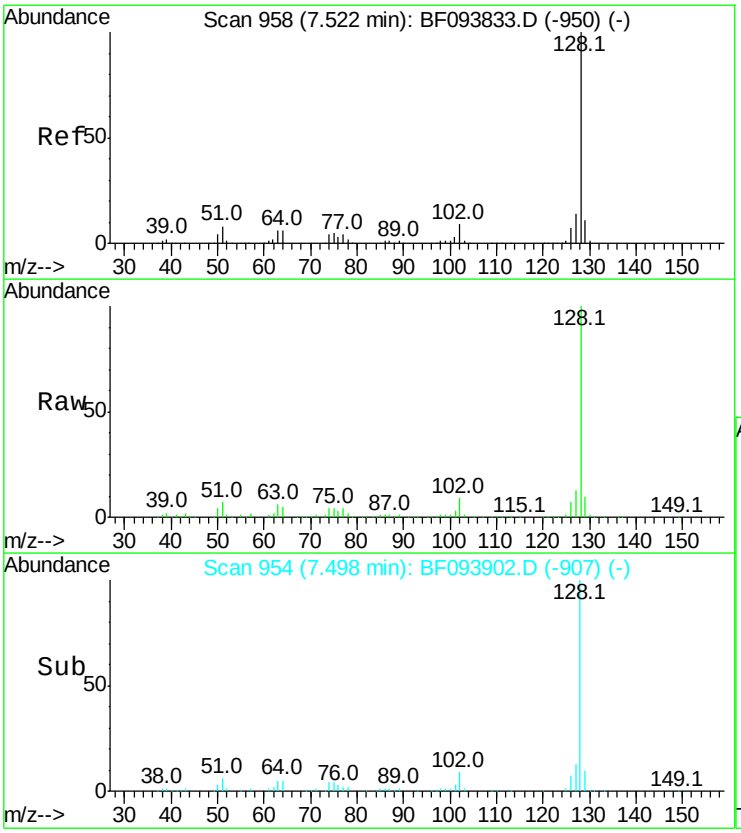

#23
Nitrobenzene-d5
Concen: 69.94 ng
RT: 6.62 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion: 82 Resp: 946747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.9 | 34.0 | 51.0 |
| 54 | 49.9 | 42.2 | 63.2 |

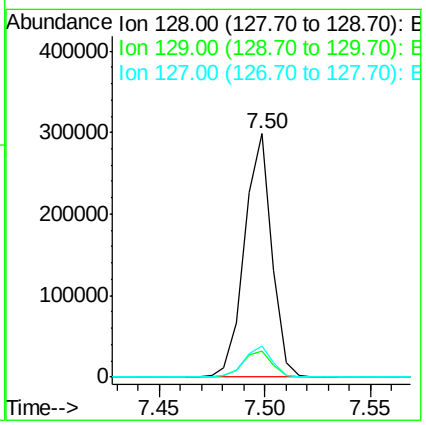


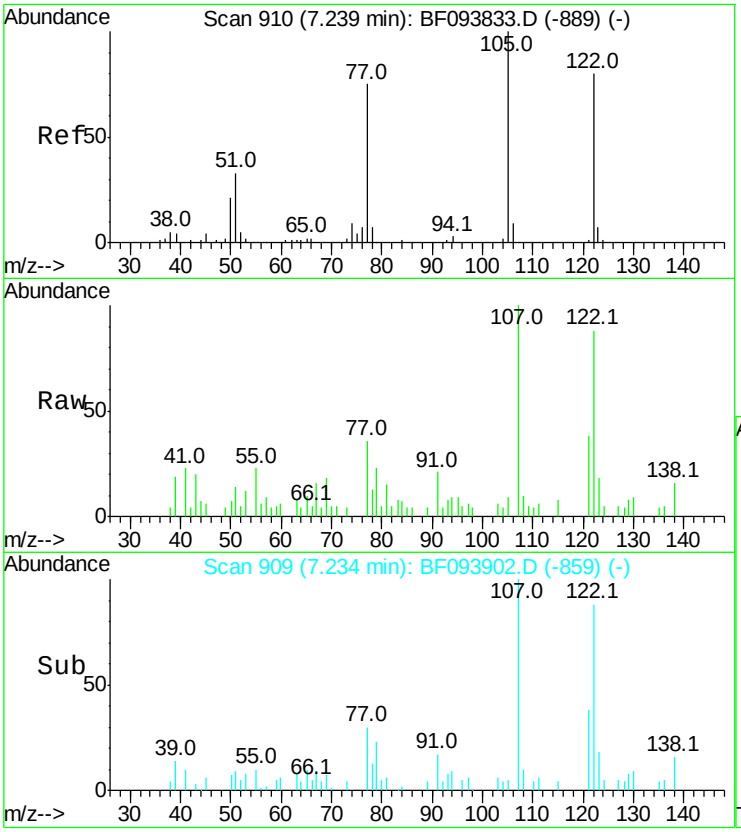




#31
Naphthalene
Concen: 7.17 ng
RT: 7.50 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:128 Resp: 266354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.5 | 9.0 | 13.6 |
| 127 | 13.0 | 10.8 | 16.2 |



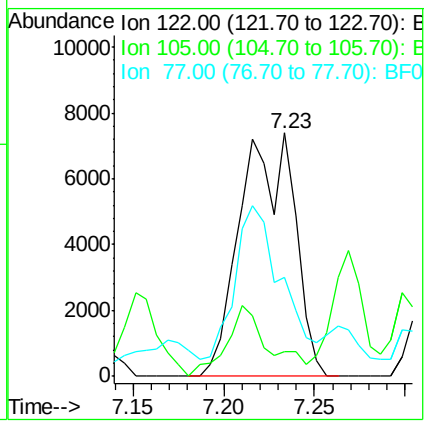


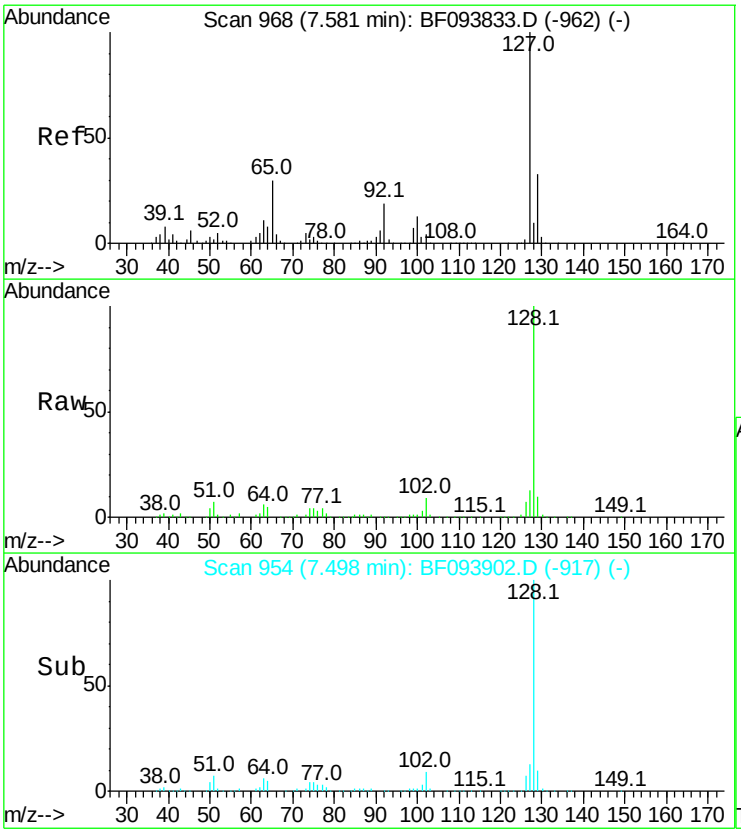

#32
Benzoic acid
Concen: 2.09 ng
RT: 7.23 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:122 Resp: 15249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 10.3 | 103.3 | 143.3# |
| 77 | 40.5 | 73.7 | 113.7# |

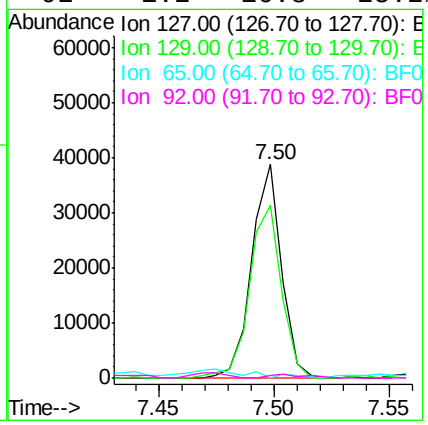


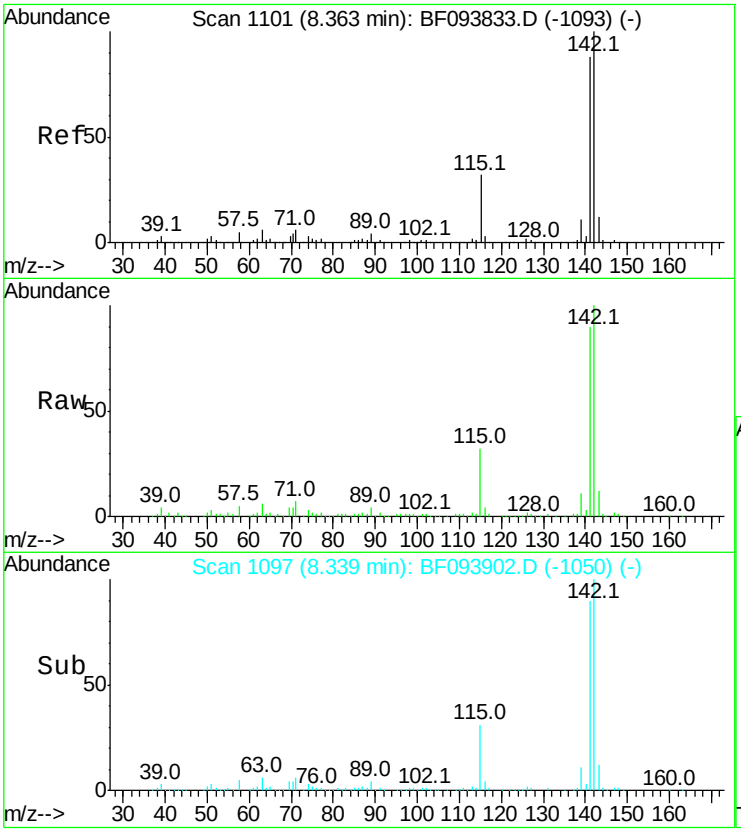




#33
4-Chloroaniline
Concen: 2.32 ng
RT: 7.50 min Scan# 954
Delta R.T. -0.08 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:127 Resp: 34946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 80.7 | 26.2 | 39.2# |
| 65 | 0.0 | 27.8 | 41.8# |
| 92 | 1.2 | 16.8 | 25.2# |

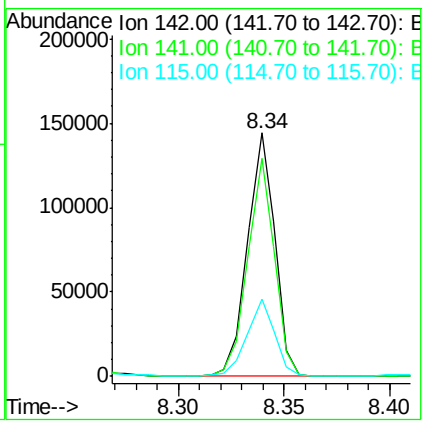




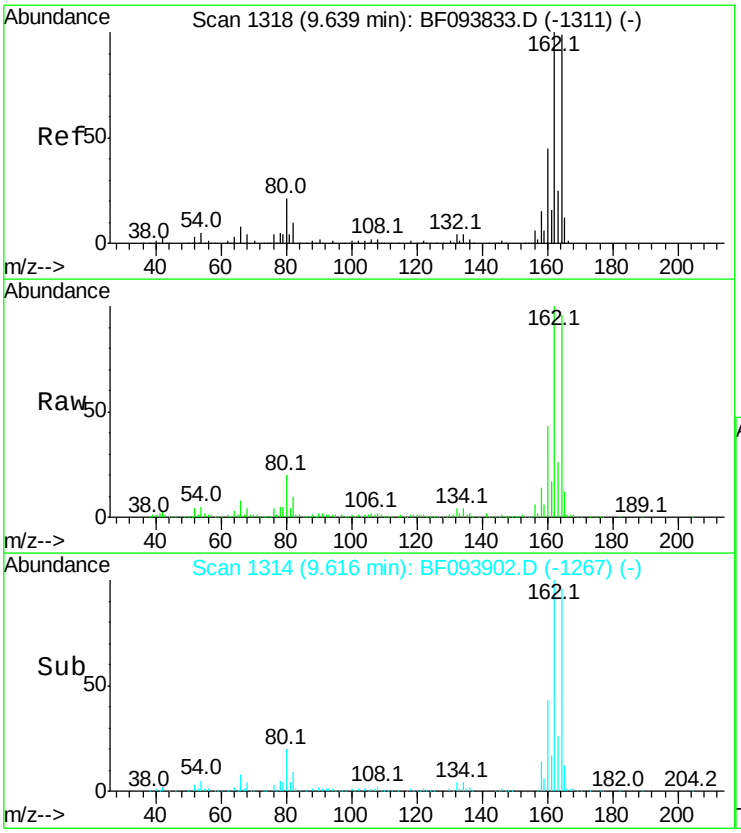

#37
2-Methylnaphthalene
Concen: 5.28 ng
RT: 8.34 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:142 Resp: 130764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.5 | 71.3 | 106.9 |
| 115 | 31.5 | 27.1 | 40.7 |



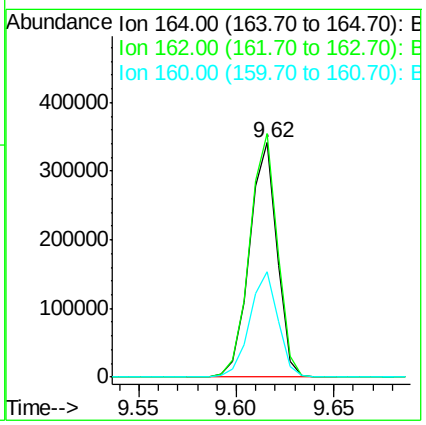

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

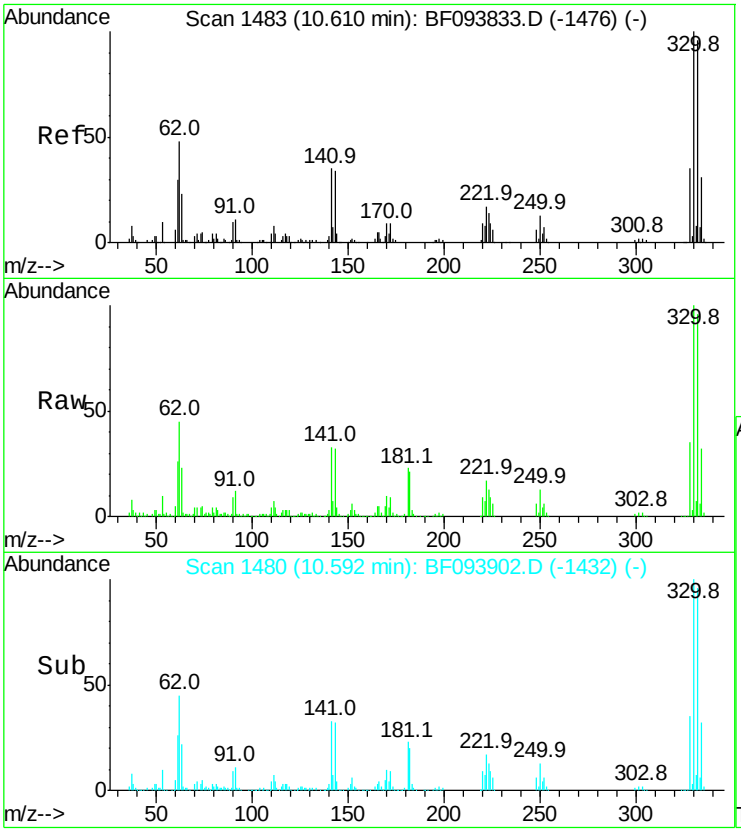



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:164 Resp: 332655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 82.6 | 123.8 |
| 160 | 45.0 | 36.2 | 54.2 |



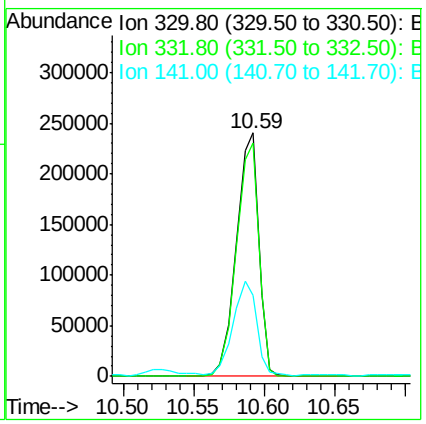


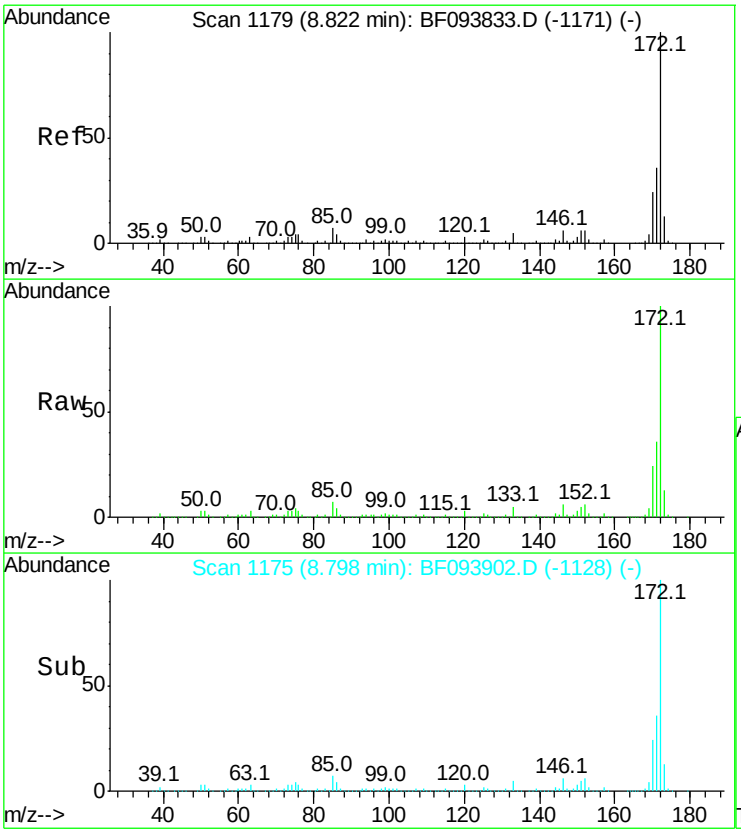

#41
2,4,6-Tribromophenol
Concen: 100.91 ng
RT: 10.59 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:330 Resp: 265269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 76.6 | 115.0 |
| 141 | 40.8 | 31.4 | 47.2 |

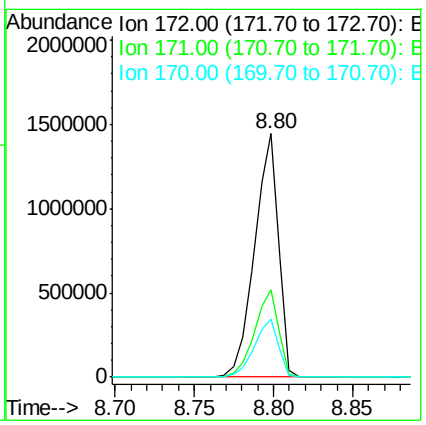


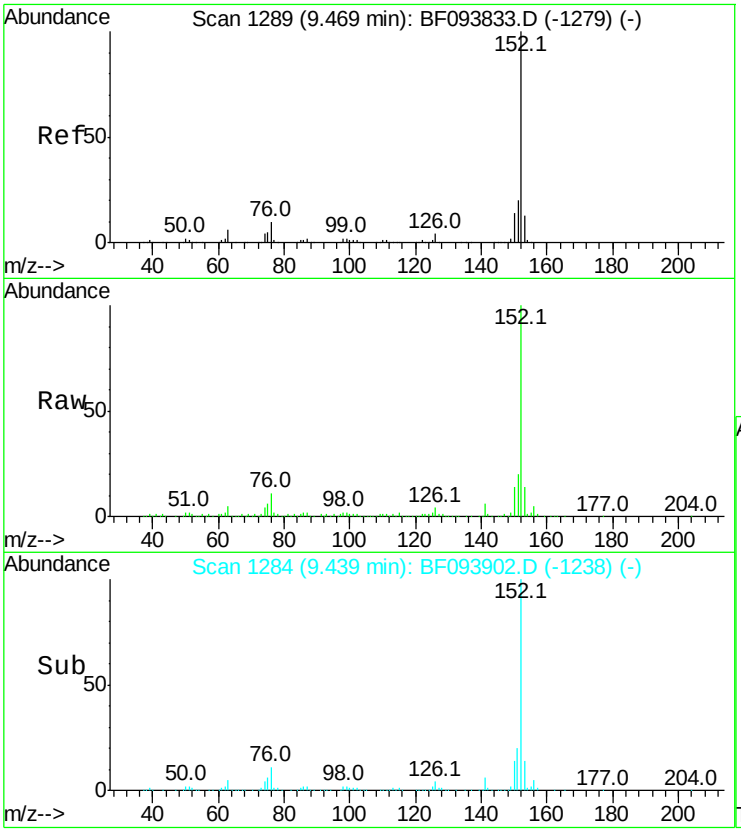




#44
2-Fluorobiphenyl
Concen: 69.49 ng
RT: 8.80 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:172 Resp: 1515583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.6 | 44.4 |
| 170 | 23.7 | 19.8 | 29.8 |



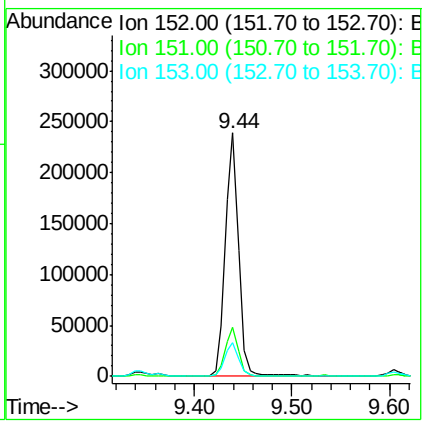


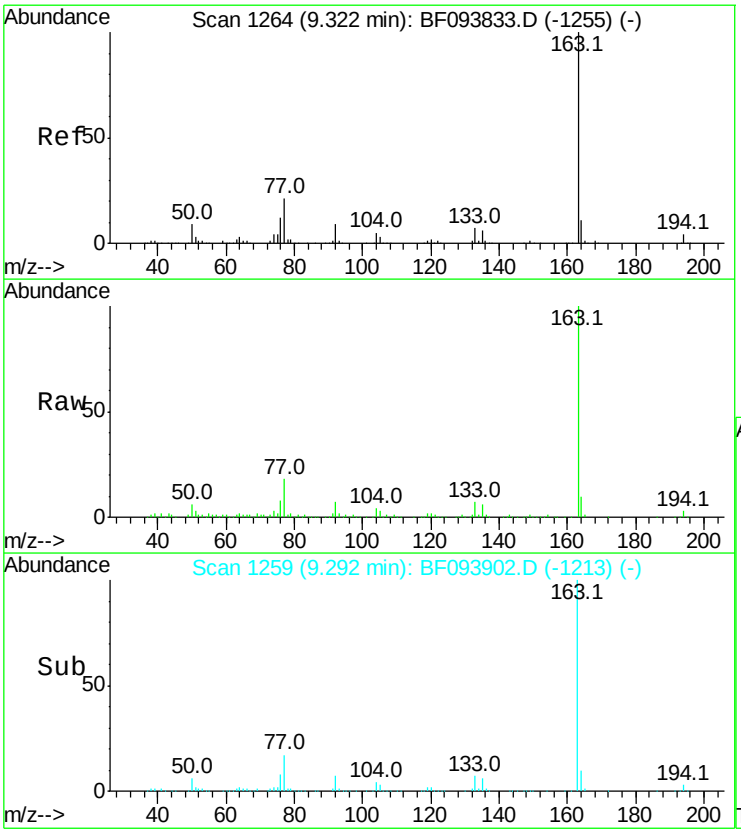

#48
Acenaphthylene
Concen: 6.49 ng
RT: 9.44 min Scan# 1284
Delta R.T. -0.03 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:152 Resp: 226506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 16.8 | 25.2 |
| 153 | 13.7 | 10.8 | 16.2 |

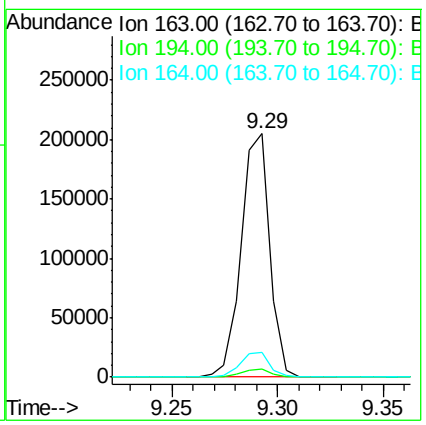


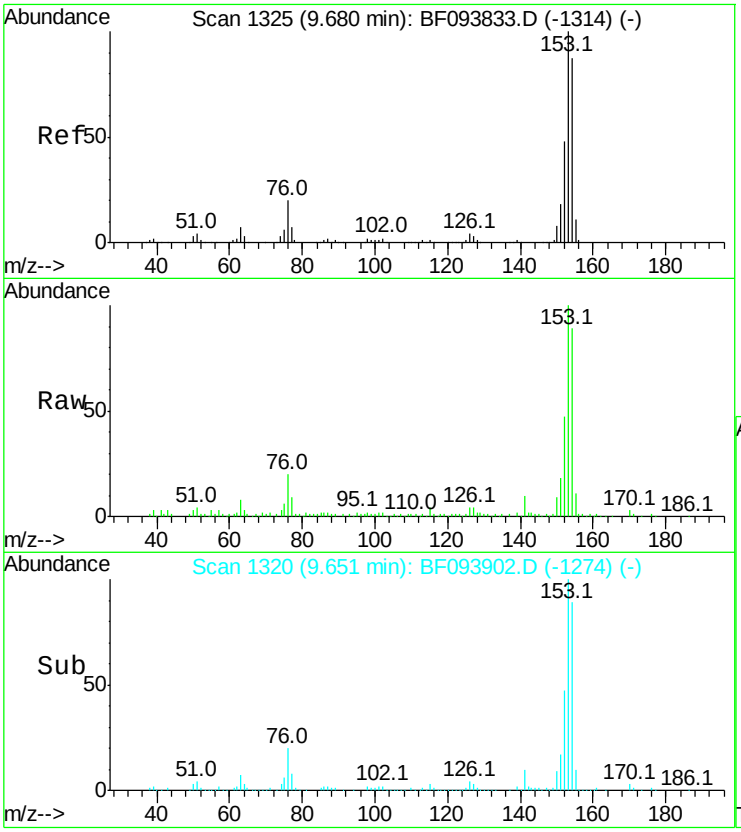




#49
Dimethylphthalate
Concen: 8.08 ng
RT: 9.29 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:163 Resp: 191022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 2.6 | 4.0 |
| 164 | 10.0 | 8.4 | 12.6 |



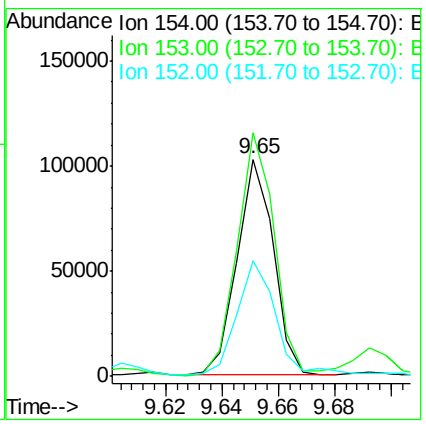


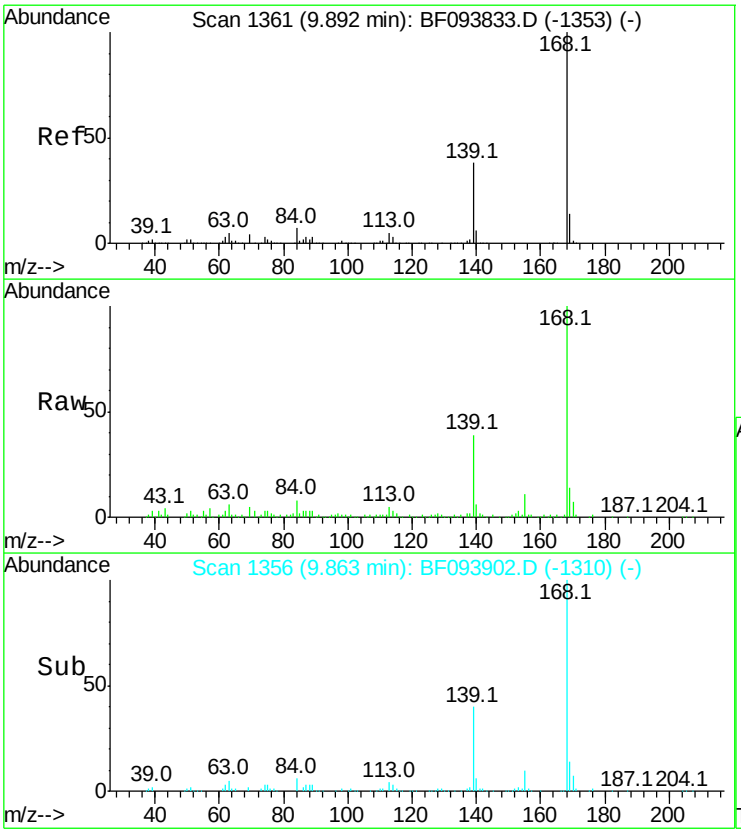

#51
Acenaphthene
Concen: 4.51 ng
RT: 9.65 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:154 Resp: 91801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.2 | 90.5 | 135.7 |
| 152 | 53.1 | 43.6 | 65.4 |

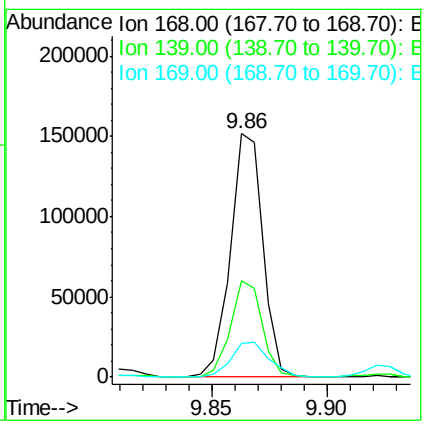


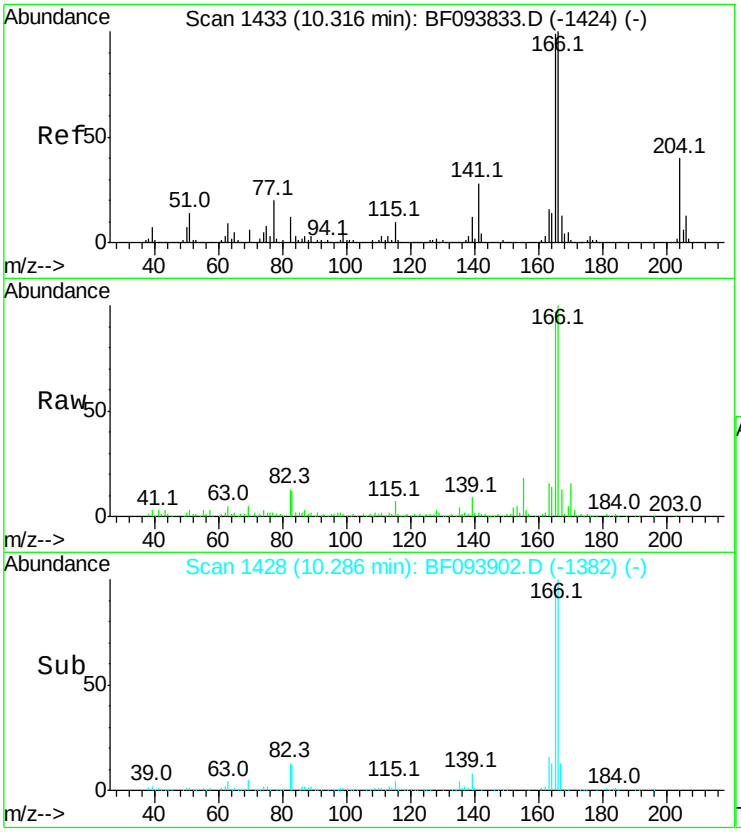




#54
Dibenzofuran
Concen: 5.33 ng
RT: 9.86 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:168 Resp: 147788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.4 | 30.6 | 45.8 |
| 169 | 14.0 | 10.8 | 16.2 |



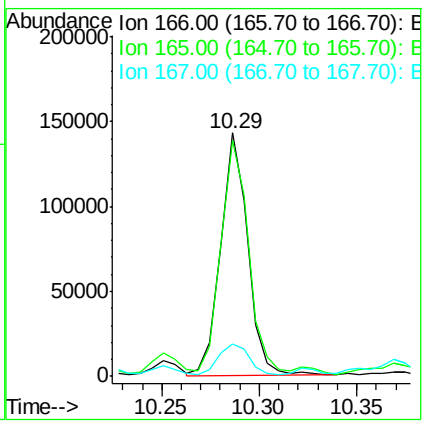


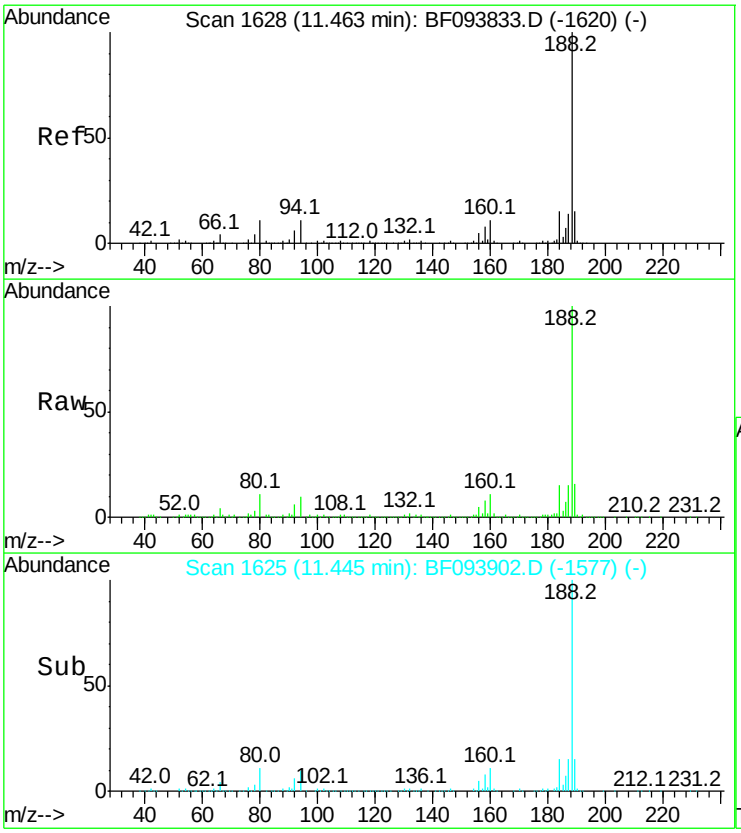

#57
Fluorene
Concen: 5.96 ng
RT: 10.29 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:166 Resp: 136943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.9 | 78.8 | 118.2 |
| 167 | 13.4 | 10.6 | 16.0 |

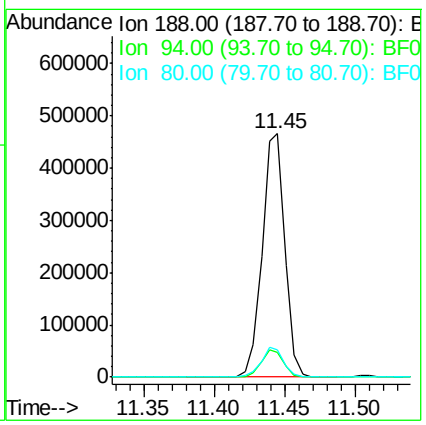


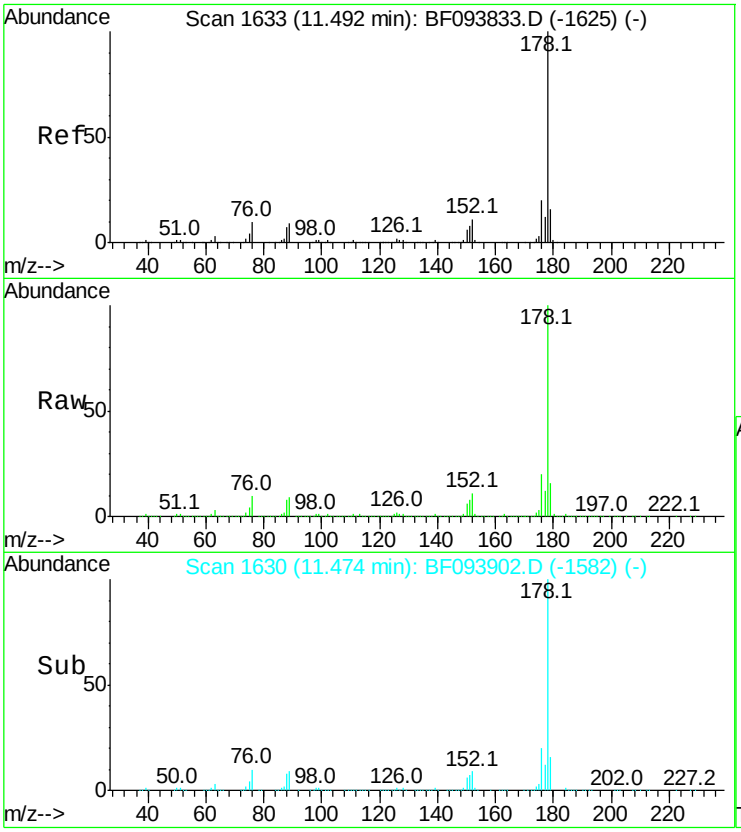




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:188 Resp: 525279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 9.4 | 14.2 |
| 80 | 11.1 | 10.2 | 15.2 |



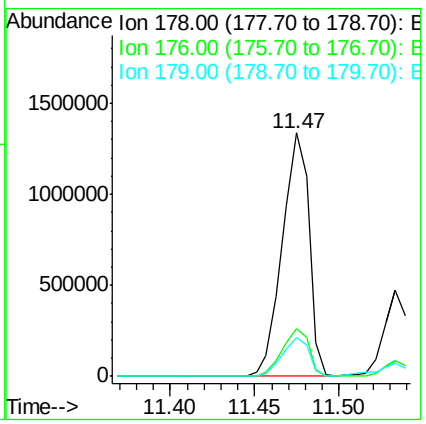


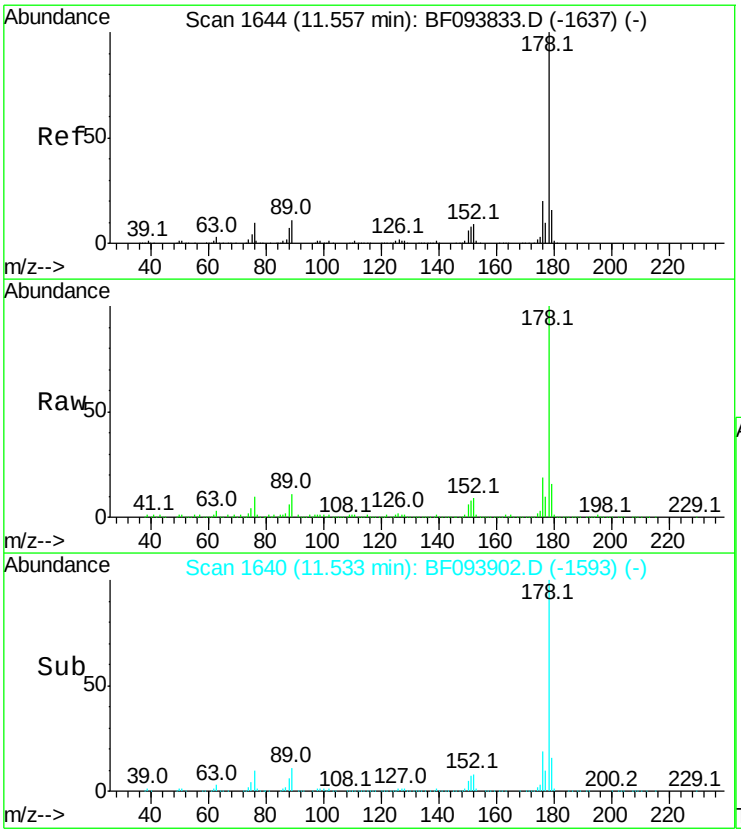

#70
Phenanthrene
Concen: 50.13 ng
RT: 11.47 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:178 Resp: 1464941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 16.2 | 24.4 |
| 179 | 15.8 | 12.6 | 19.0 |

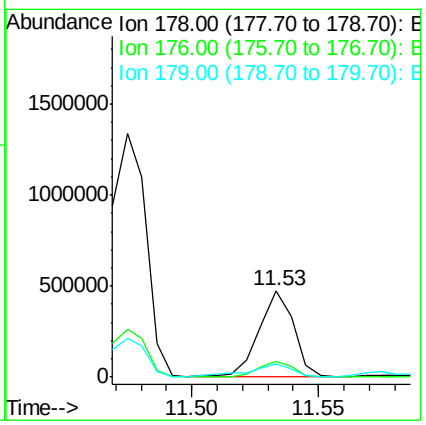


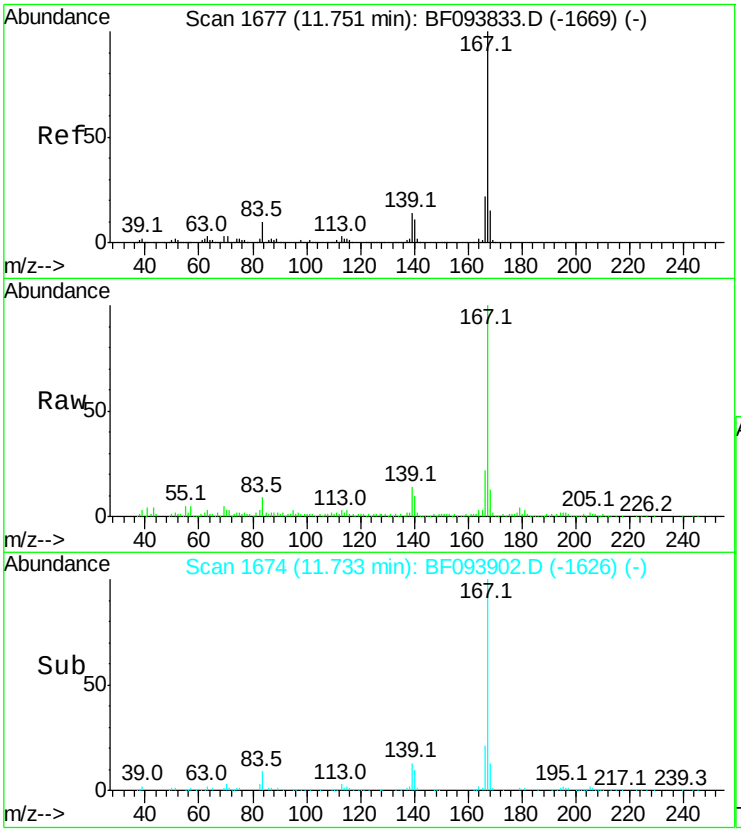




#71
Anthracene
Concen: 14.98 ng
RT: 11.53 min Scan# 1640
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:178 Resp: 450777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 15.8 | 23.8 |
| 179 | 16.0 | 12.7 | 19.1 |



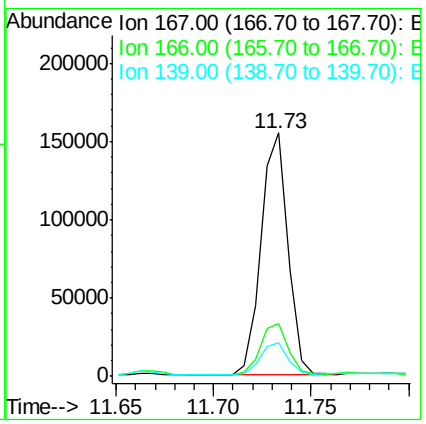


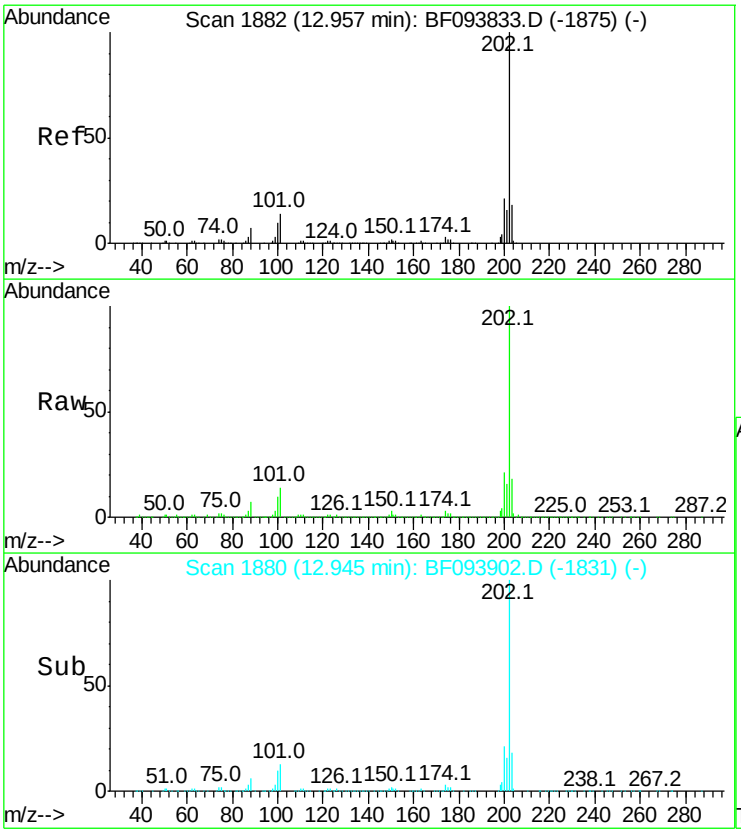

#72
Carbazole
Concen: 4.81 ng
RT: 11.73 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:167 Resp: 148433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.0 | 18.1 | 27.1 |
| 139 | 13.7 | 11.7 | 17.5 |

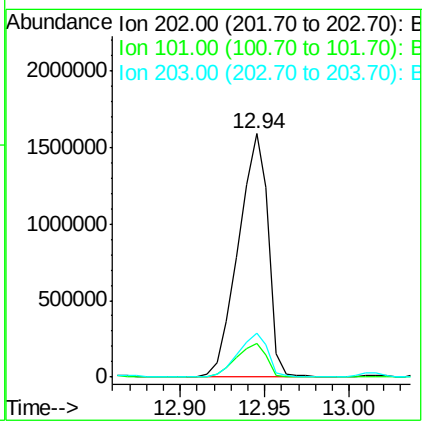


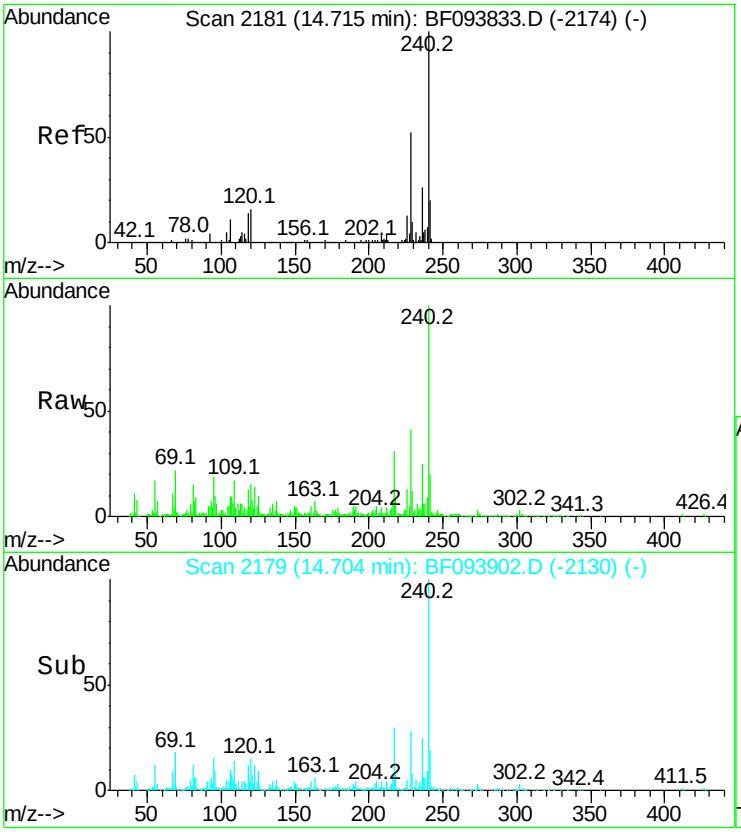




#74
Fluoranthene
Concen: 64.96 ng
RT: 12.94 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:202 Resp: 1943770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.8 | 0.0 | 33.2 |
| 203 | 18.2 | 0.0 | 38.1 |



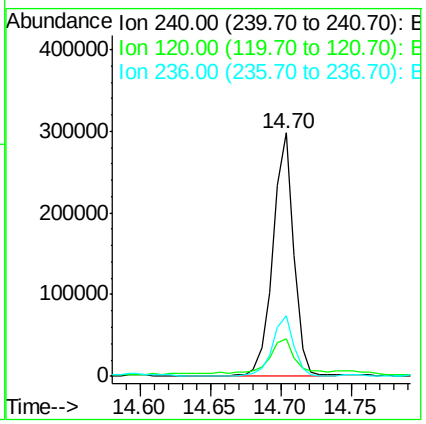


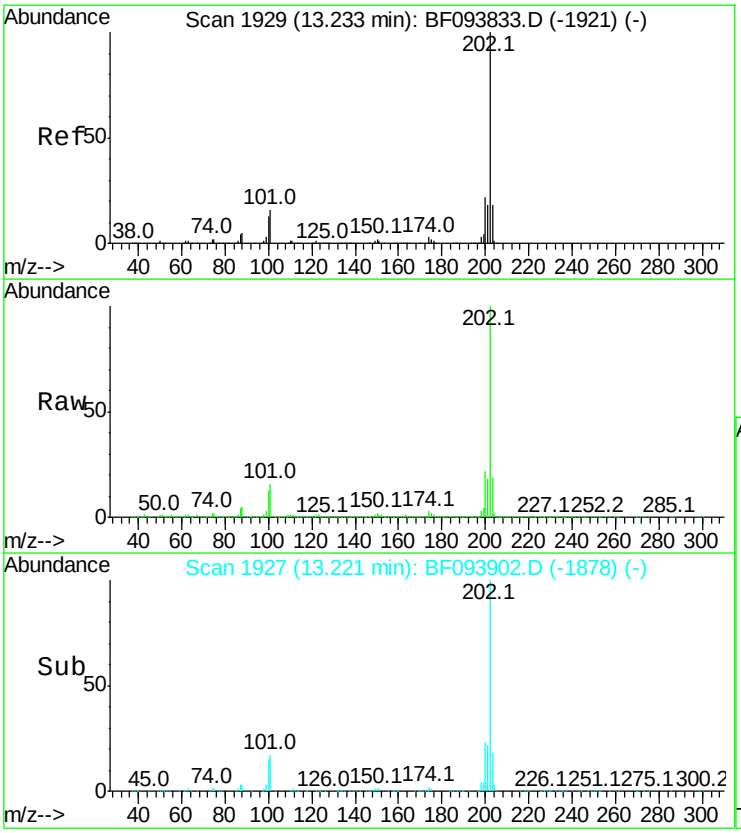

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:240 Resp: 305124

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.2 | 5.8 | 8.8# |
| 236 | 24.8 | 20.5 | 30.7 |

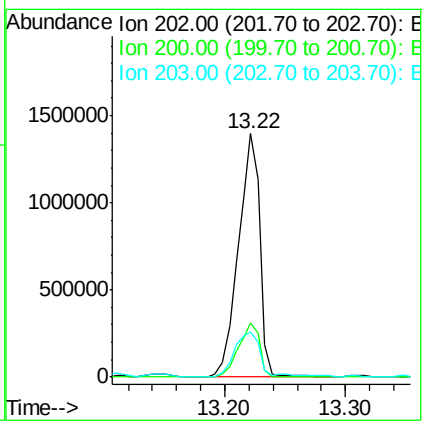


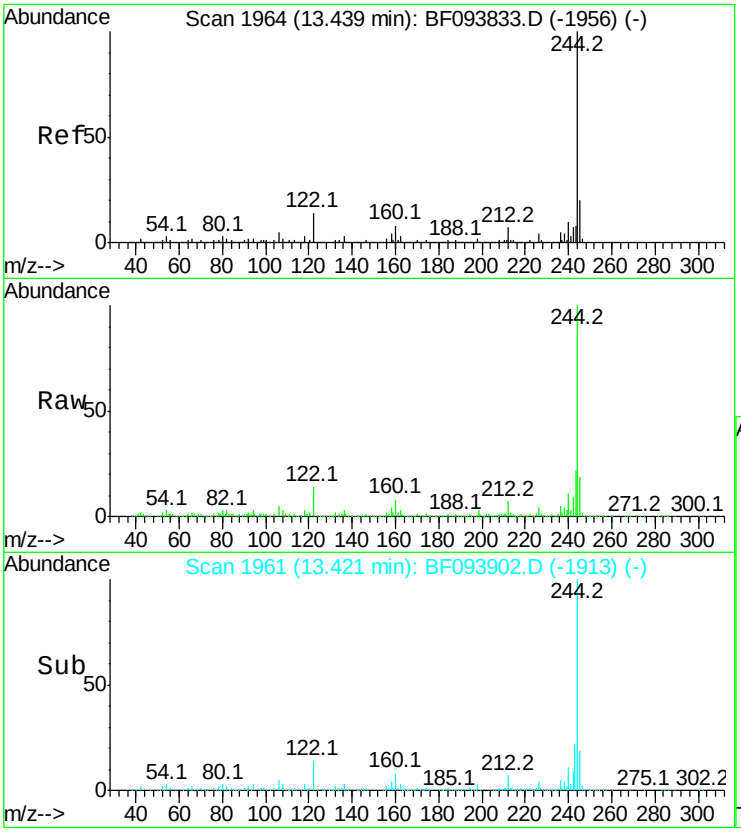




#77
Pyrene
Concen: 77.53 ng
RT: 13.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:202 Resp: 1716904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 17.6 | 26.4 |
| 203 | 18.7 | 14.4 | 21.6 |



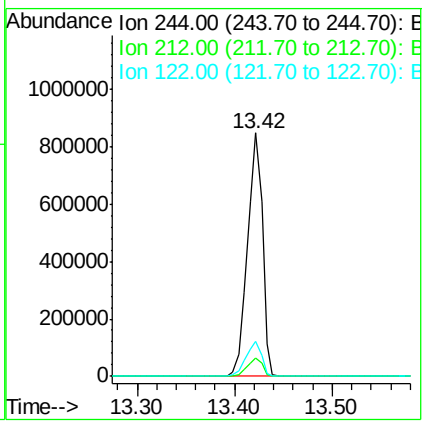


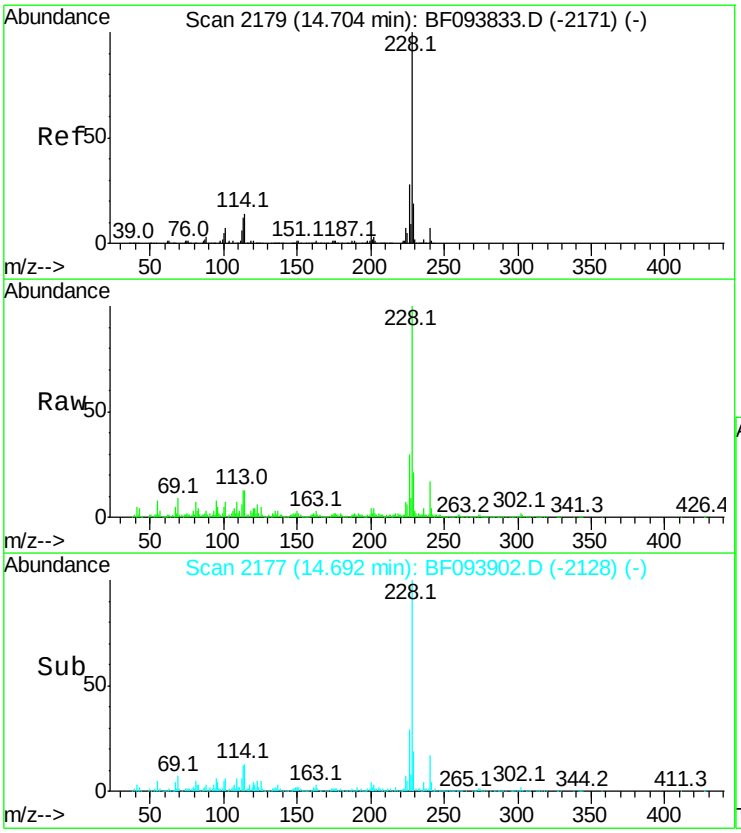

#78
Terphenyl-d14
Concen: 67.11 ng
RT: 13.42 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:244 Resp: 913595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.0 | 9.0 |
| 122 | 14.3 | 10.3 | 15.5 |

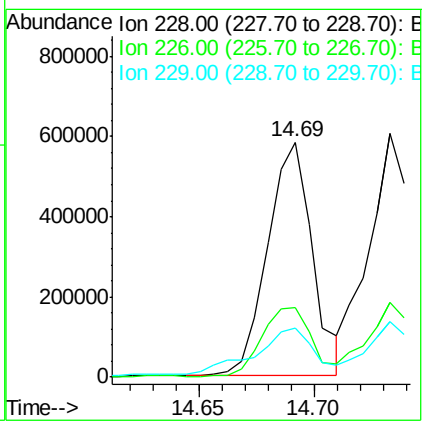


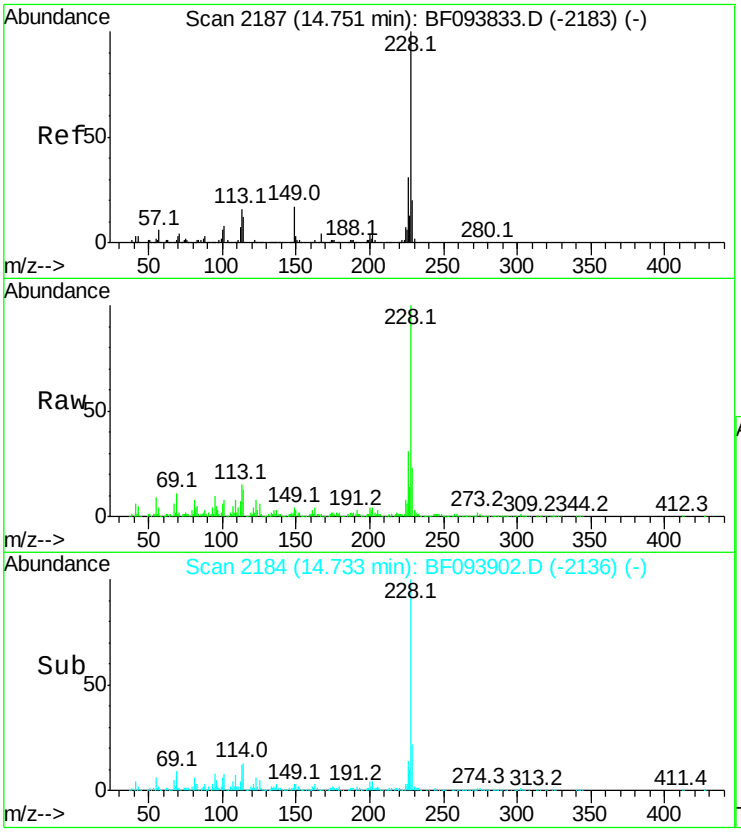




#80
Benzo(a)anthracene
Concen: 44.08 ng
RT: 14.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:228 Resp: 784296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 22.6 | 33.8 |
| 229 | 21.0 | 16.3 | 24.5 |



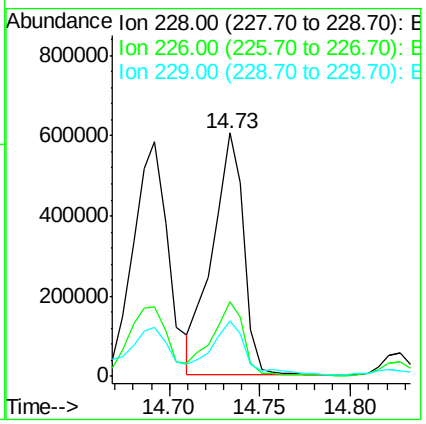


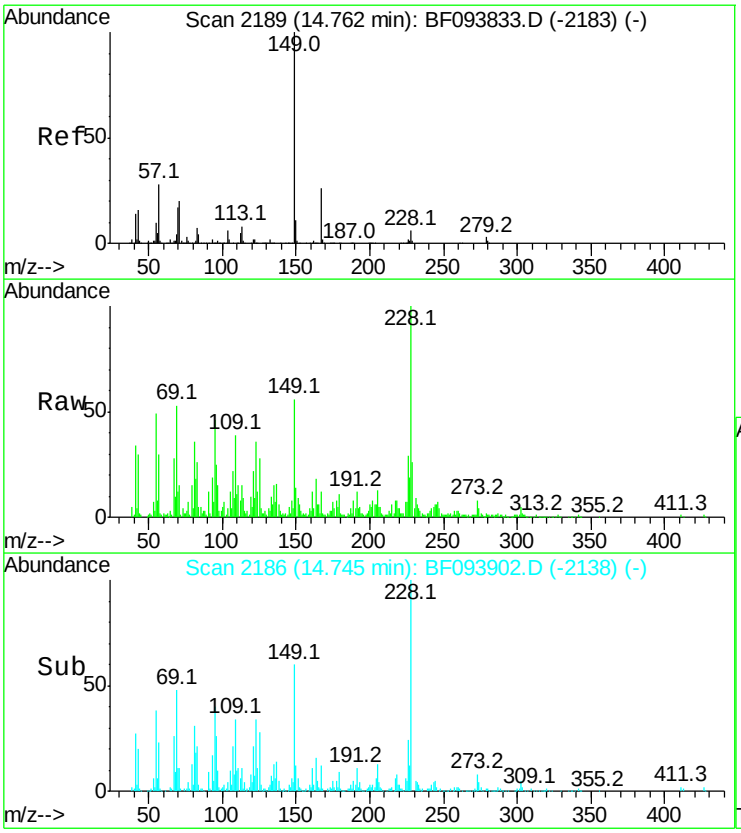

#82
Chrysene
Concen: 43.90 ng
RT: 14.73 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:228 Resp: 724916

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 24.9 | 37.3 |
| 229 | 23.0 | 15.8 | 23.6 |

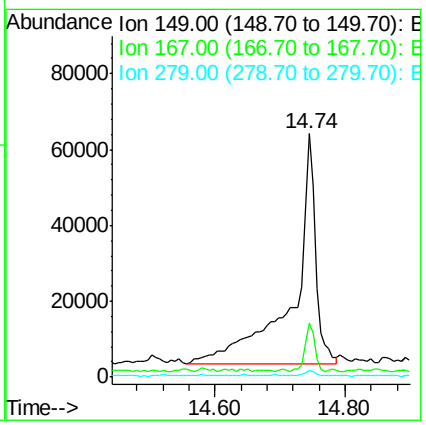


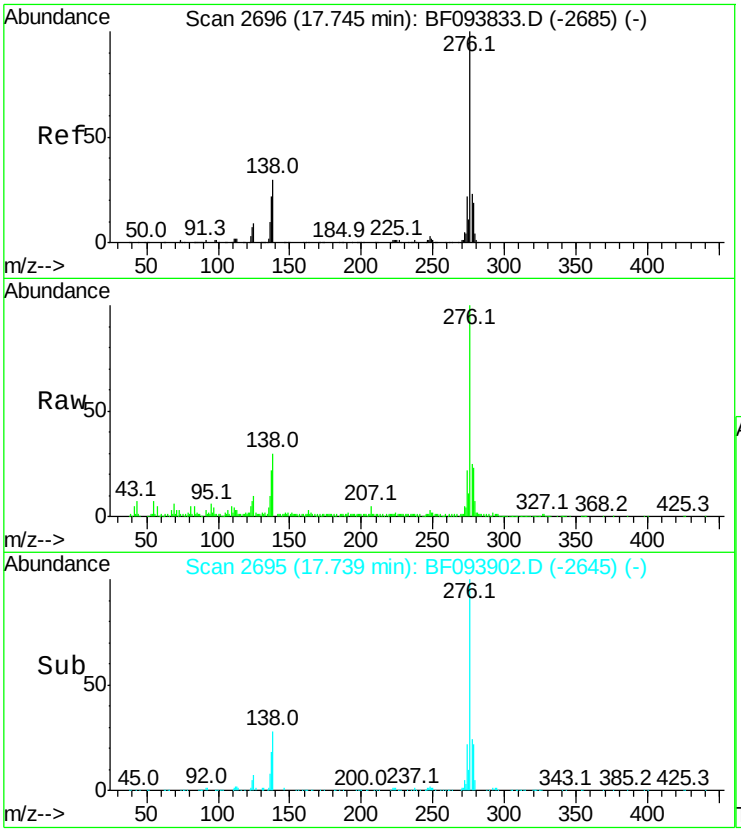




#83
Bis(2-ethylhexyl)phthalate
Concen: 11.33 ng
RT: 14.74 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:149 Resp: 145844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 22.1 | 21.0 | 31.4 |
| 279 | 3.0 | 1.9 | 2.9# |



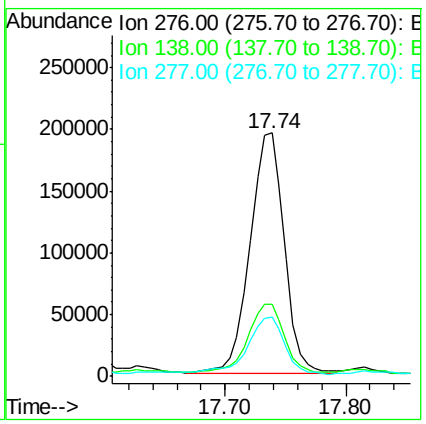


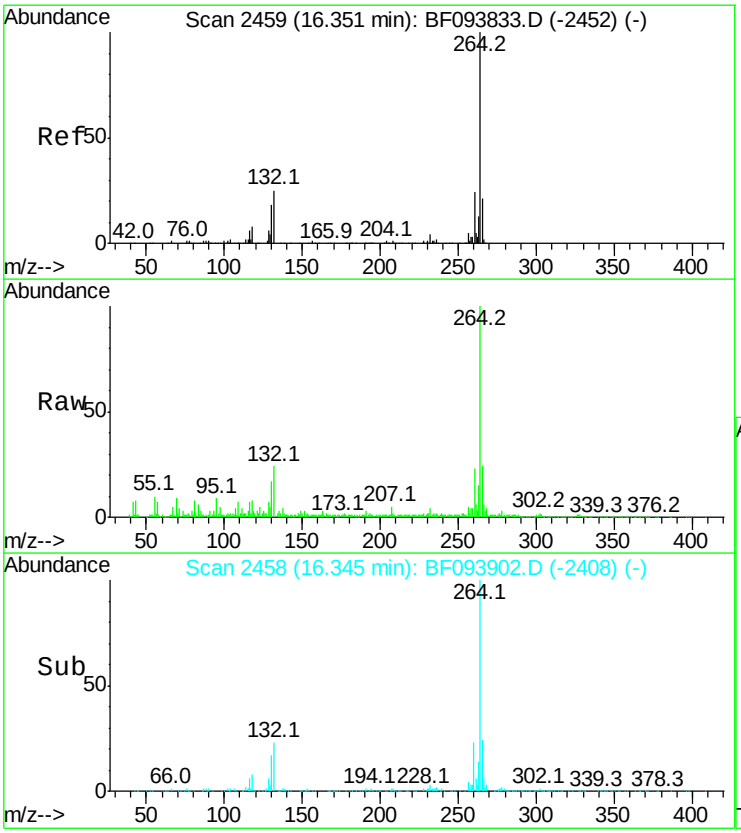

#85
Indeno(1,2,3-cd)pyrene
Concen: 26.81 ng
RT: 17.74 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:276 Resp: 383316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 30.9 | 27.8 | 41.6 |
| 277 | 26.5 | 20.2 | 30.4 |

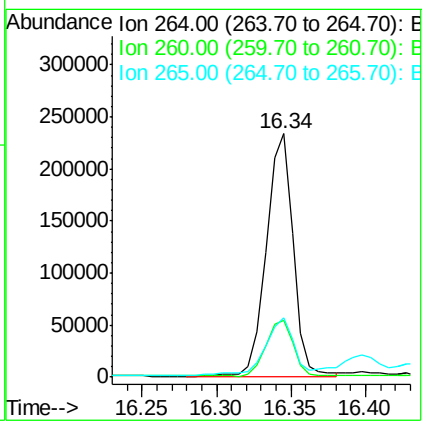


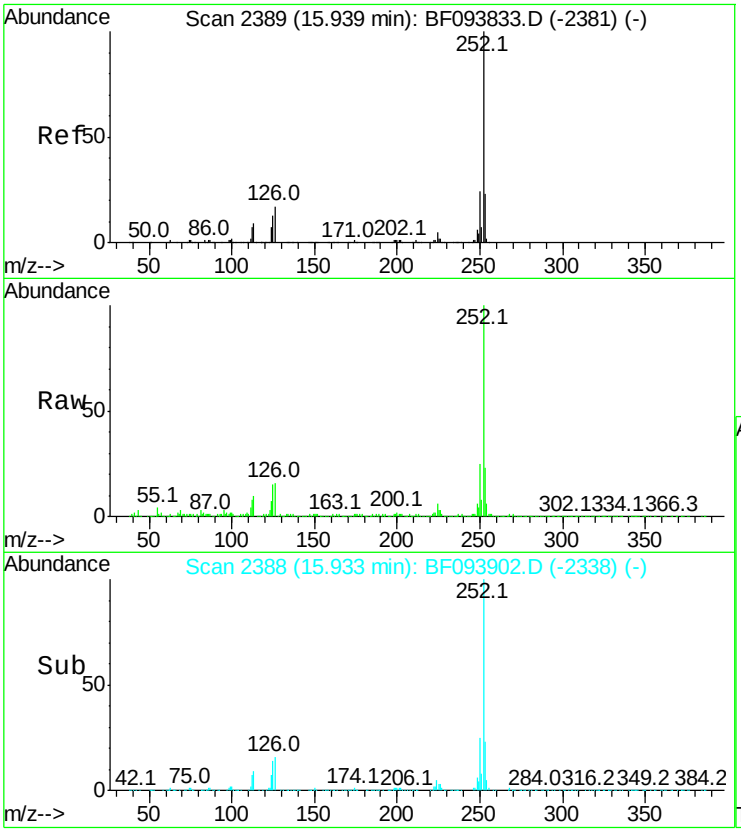




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:264 Resp: 289247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 19.5 | 29.3 |
| 265 | 24.2 | 17.2 | 25.8 |



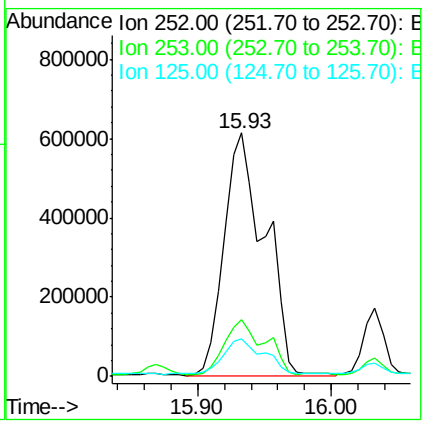


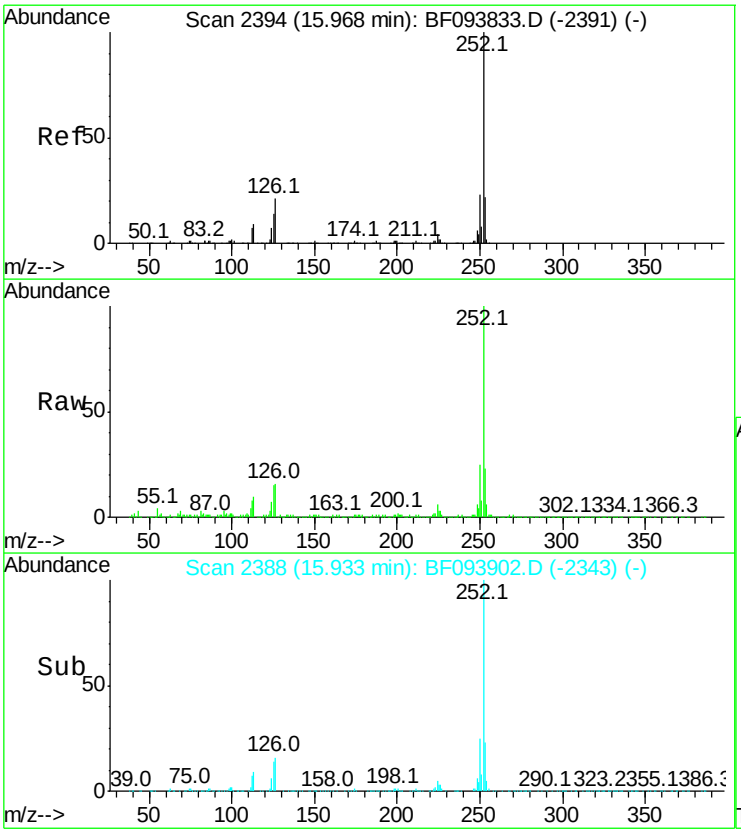

#87
Benzo(b)fluoranthene
Concen: 73.36 ng
RT: 15.93 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:252 Resp: 1300628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 18.1 | 27.1 |
| 125 | 15.3 | 9.8 | 14.8# |

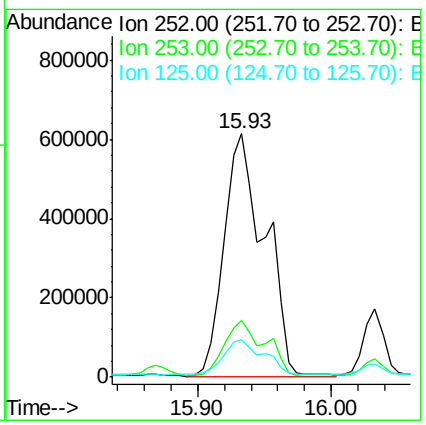


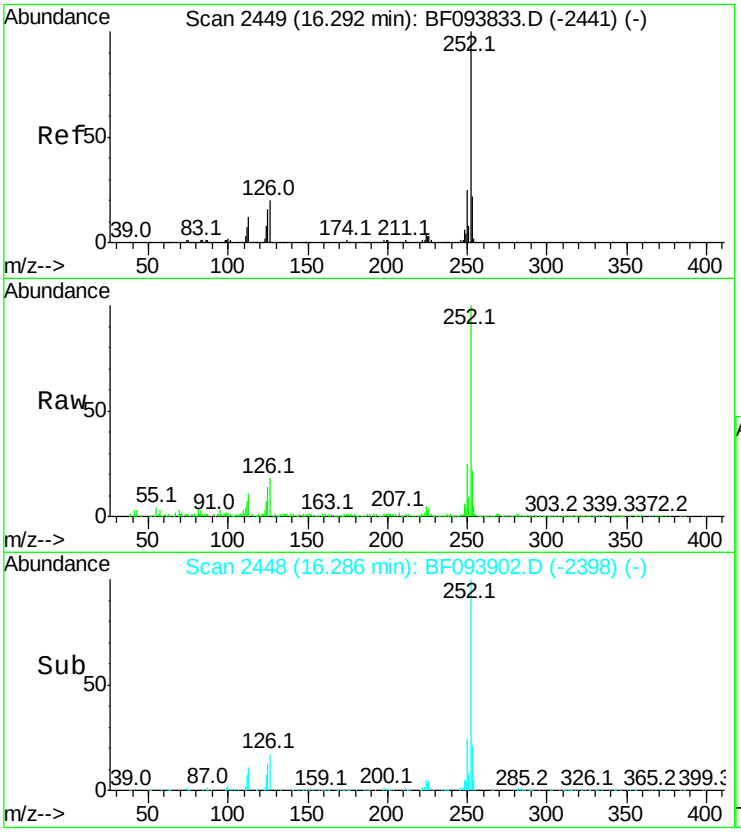




#88
Benzo(k)fluoranthene
Concen: 74.98 ng
RT: 15.93 min Scan# 2388
Delta R.T. -0.04 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:252 Resp: 1300628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 18.4 | 27.6 |
| 125 | 15.3 | 13.1 | 19.7 |



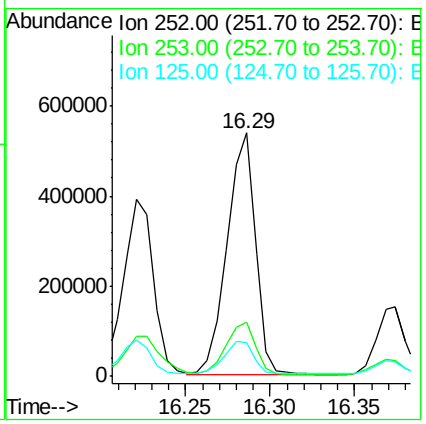


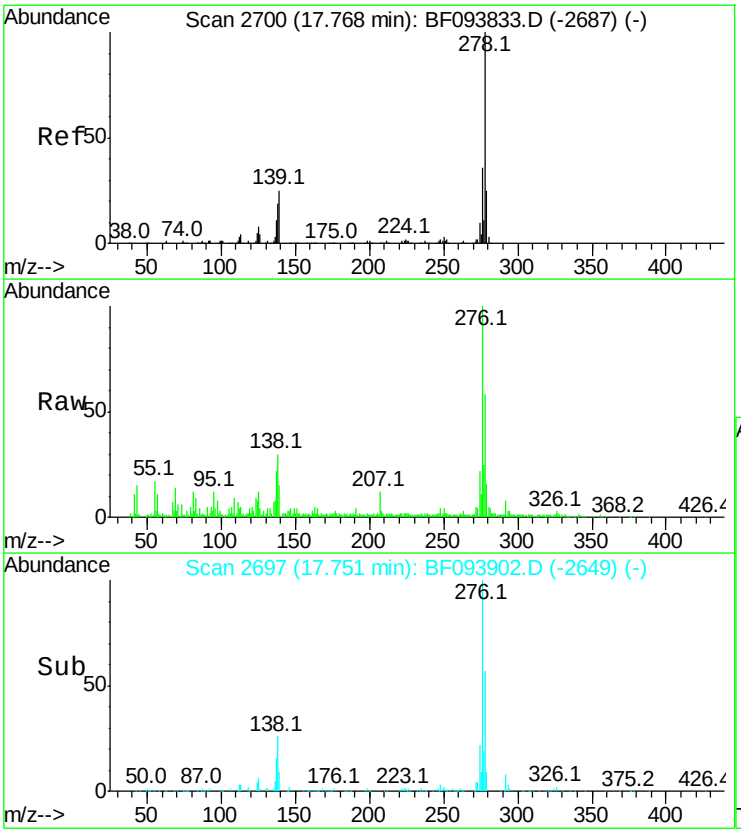

#89
Benzo(a)pyrene
Concen: 38.26 ng
RT: 16.29 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:252 Resp: 624720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.5 | 26.3 |
| 125 | 13.9 | 11.0 | 16.4 |

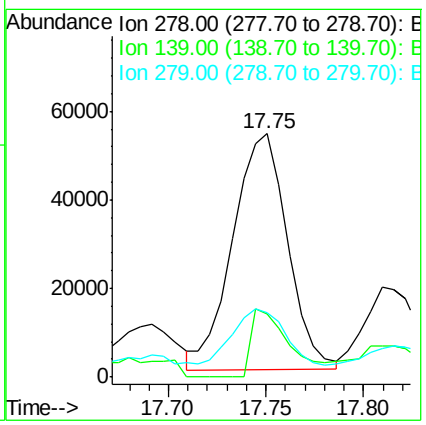


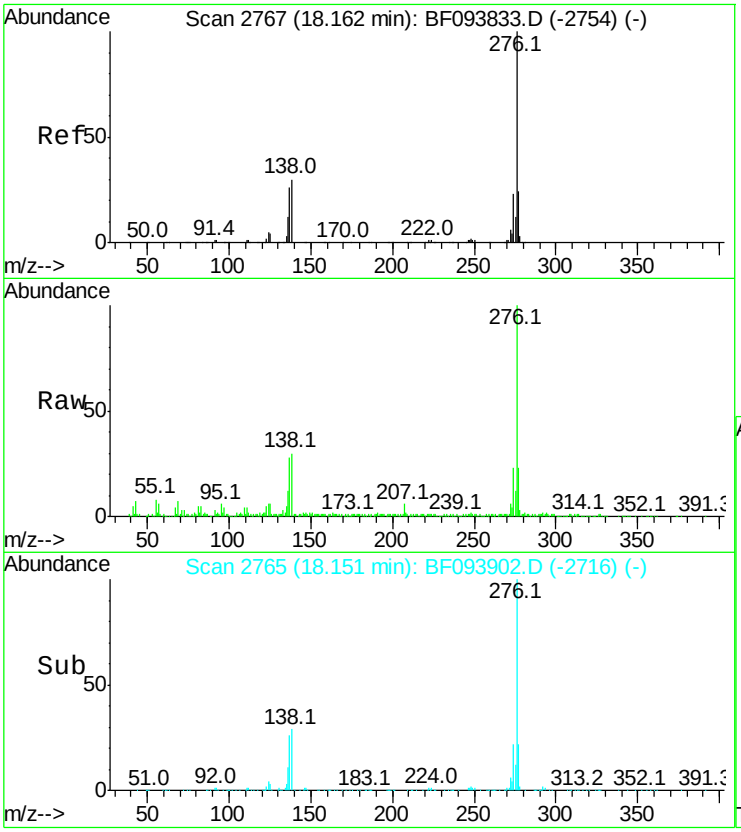




#90
Dibenzo(a,h)anthracene
Concen: 7.53 ng
RT: 17.75 min Scan# 2697
Delta R.T. -0.02 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

Tgt Ion:278 Resp: 104125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 25.8 | 16.6 | 24.8# |
| 279 | 26.6 | 19.3 | 28.9 |






#91
Benzo(g,h,i)perylene
Concen: 24.85 ng
RT: 18.15 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BF093902.D
Acq: 24 Mar 2017 12:25

**Instrument :**
BNA_F
**ClientSampleId :**
E2-DD10-SSW

Tgt Ion:276 Resp: 346265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.7 | 18.6 | 28.0 |
| 138 | 30.3 | 25.4 | 38.0 |