Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094210.D
Acq On : 6 Apr 2017 00:52
Operator : SJ/MA
Sample : I2522-09 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** BASING-5(0-2)

Quant Time: Apr 06 03:10:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 5.86 | 152 | 181203 | 20.00 | ng | -0.04 |
| 21) Naphthalene-d8 | 7.37 | 136 | 695713 | 20.00 | ng | -0.04 |
| 38) Acenaphthene-d10 | 9.50 | 164 | 289451 | 20.00 | ng | -0.05 |
| 63) Phenanthrene-d10 | 11.33 | 188 | 425591 | 20.00 | ng | -0.05 |
| 75) Chrysene-d12 | 14.58 | 240 | 353924 | 20.00 | ng | -0.05 |
| 86) Perylene-d12 | 16.21 | 264 | 246034 | 20.00 | ng | -0.04 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 4.39 | 112 | 241531 | 22.51 | ng | -0.05 |
| 7) Phenol-d6 | 5.46 | 99 | 304521 | 22.94 | ng | -0.05 |
| 23) Nitrobenzene-d5 | 6.50 | 82 | 176992 | 14.52 | ng | -0.05 |
| 41) 2,4,6-Tribromophenol | 10.47 | 330 | 42694 | 18.67 | ng | -0.05 |
| 44) 2-Fluorobiphenyl | 8.69 | 172 | 340541 | 17.94 | ng | -0.05 |
| 78) Terphenyl-d14 | 13.30 | 244 | 215456 | 13.65 | ng | -0.05 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 6.50 | 70 | 22721 | 2.66 | ng | # 76 |
| 50) 2,6-Dinitrotoluene | 9.50 | 165 | 36390 | 7.72 | ng | # 32 |
| 56) 2,4-Dinitrotoluene | 9.50 | 165 | 36391 | 6.14 | ng | # 32 |

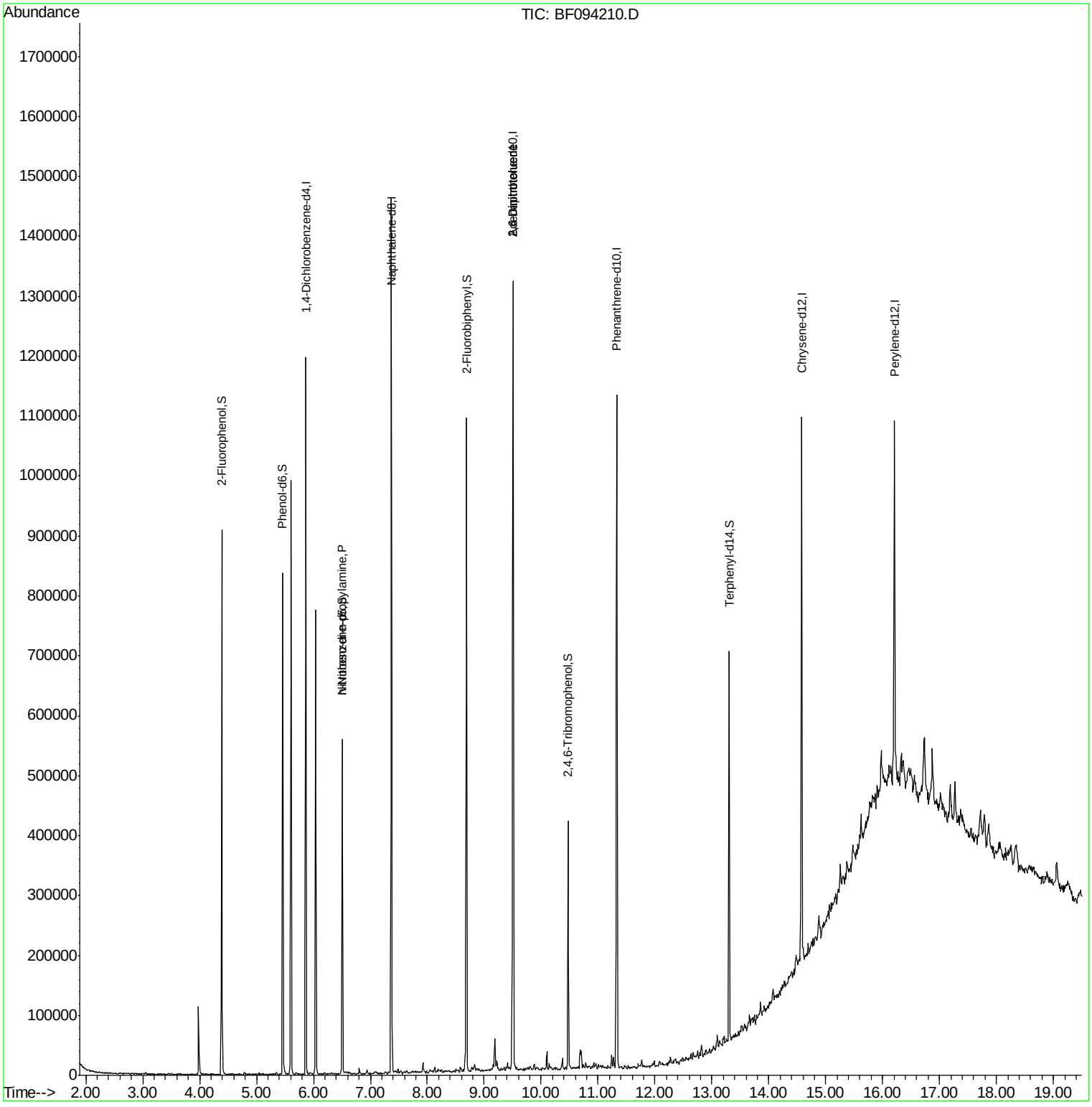
(#) = qualifier out of range (m) = manual integration (+) = signals summed

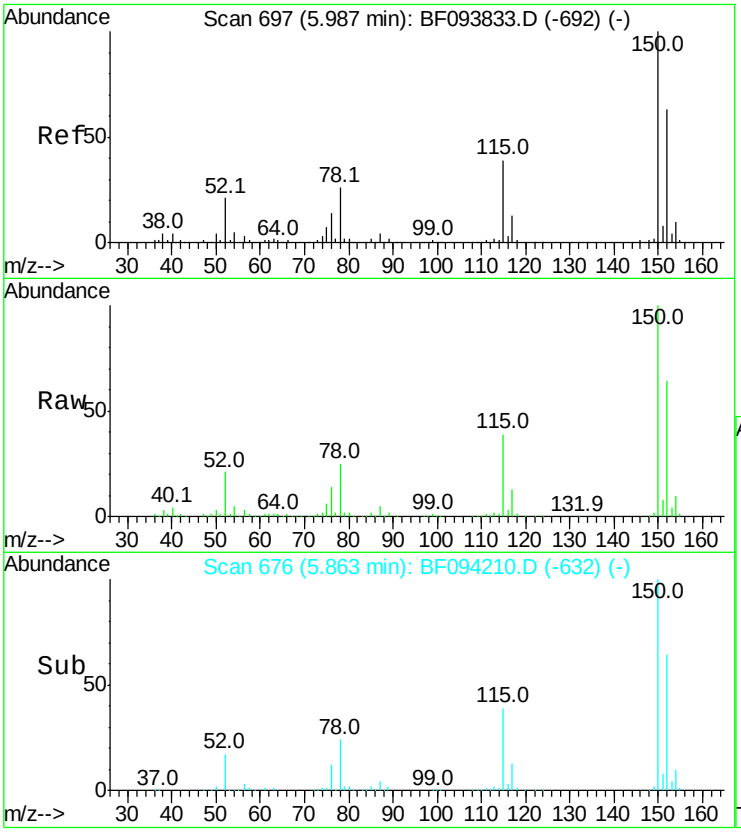
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094210.D
Acq On : 6 Apr 2017 00:52
Operator : SJ/MA
Sample : I2522-09 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
BASING-5(0-2)

Quant Time: Apr 06 03:10:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration



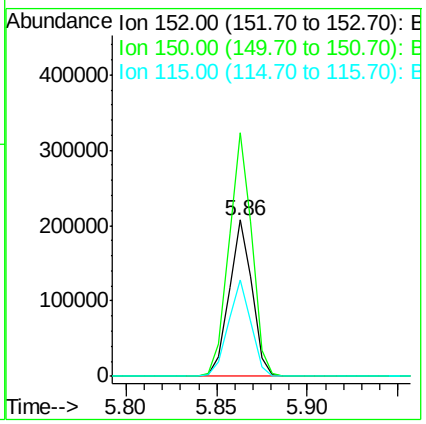


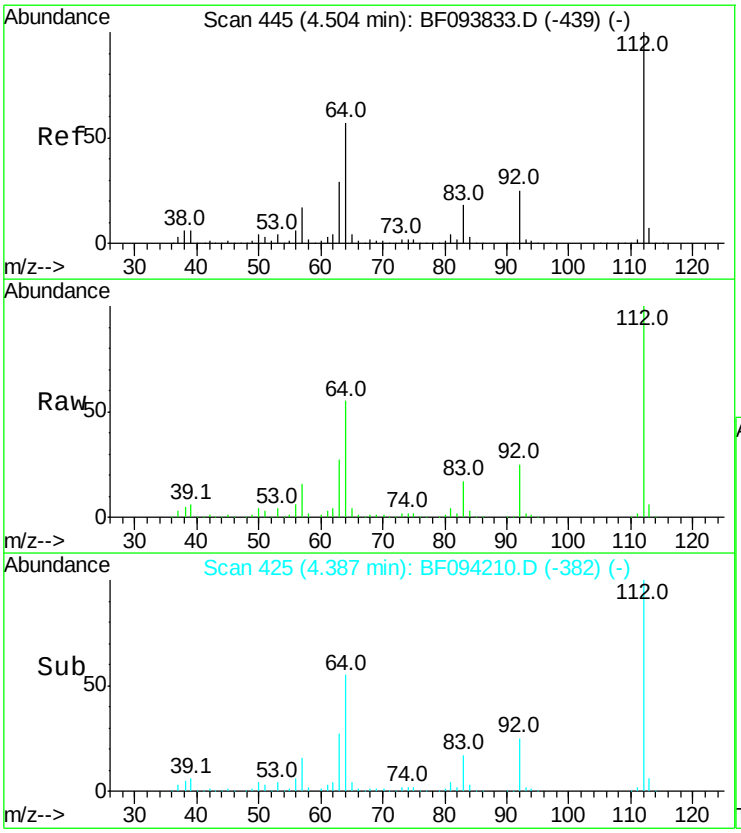

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
BASING-5(0-2)

Tgt Ion:152 Resp: 181203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.0 | 126.2 | 189.2 |
| 115 | 61.6 | 52.2 | 78.2 |

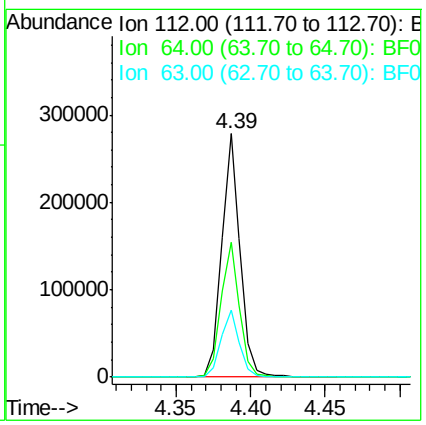


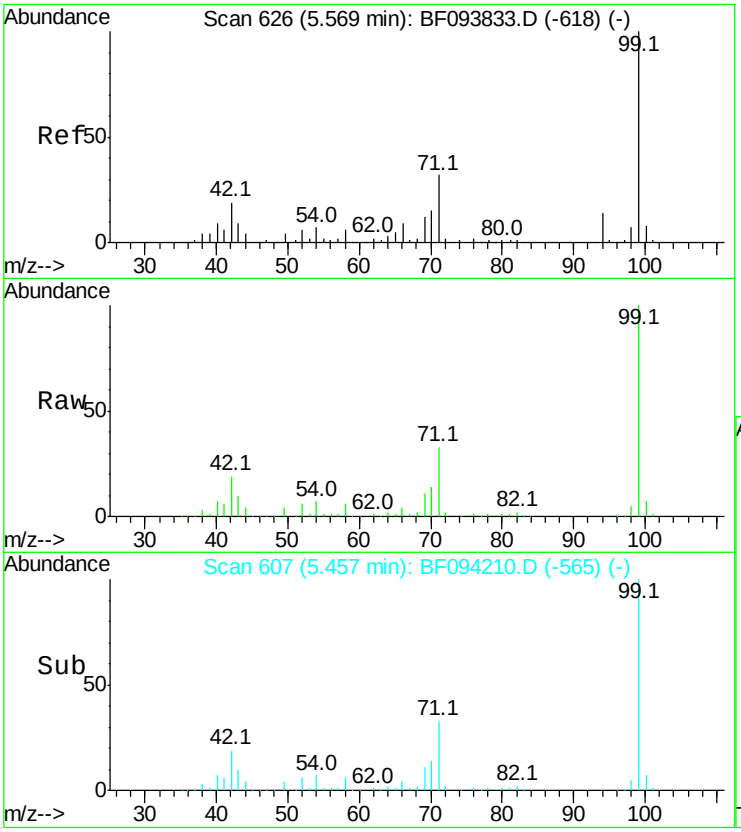




#5
2-Fluorophenol
Concen: 22.51 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

Tgt Ion:112 Resp: 241531

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.2 | 46.0 | 69.0 |
| 63 | 27.3 | 23.4 | 35.0 |



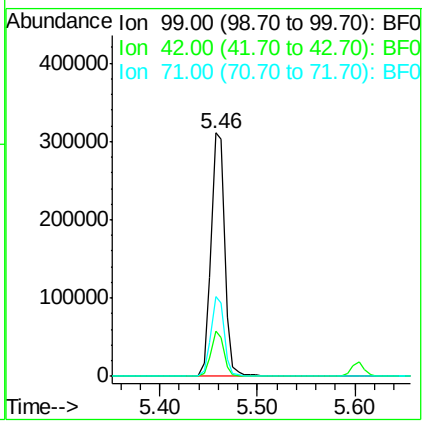


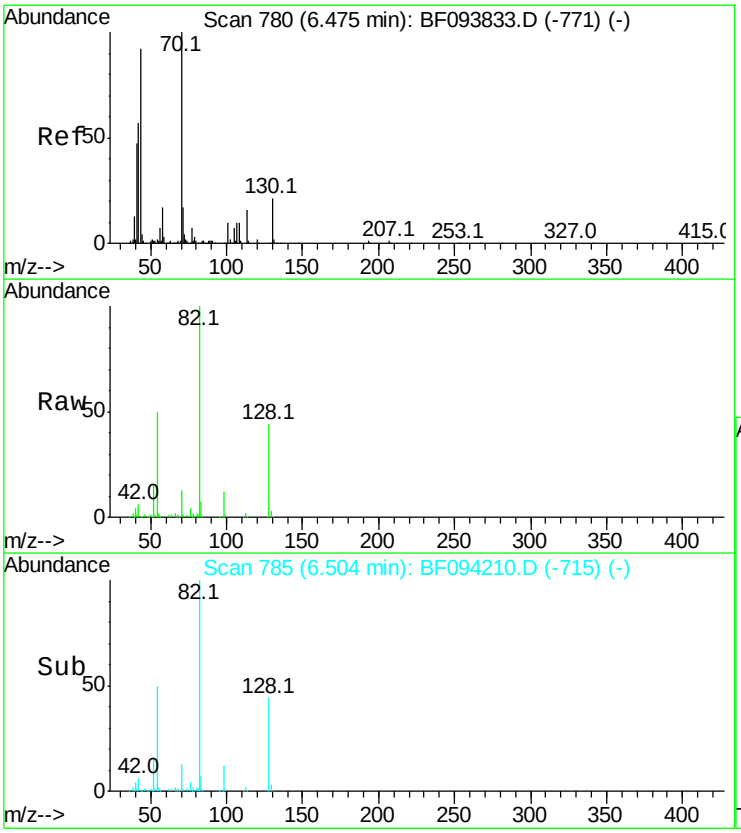

#7
Phenol-d6
Concen: 22.94 ng
RT: 5.46 min Scan# 607
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
BASING-5(0-2)

Tgt Ion: 99 Resp: 304521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.5 | 13.5 | 20.3 |
| 71 | 32.6 | 24.5 | 36.7 |

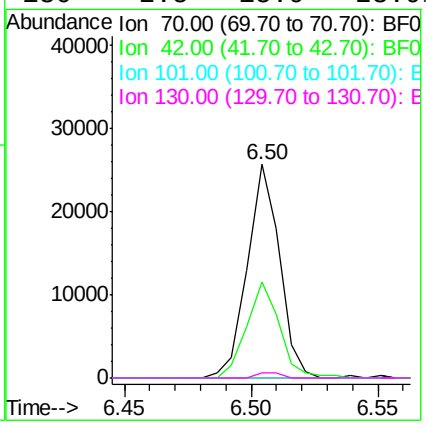


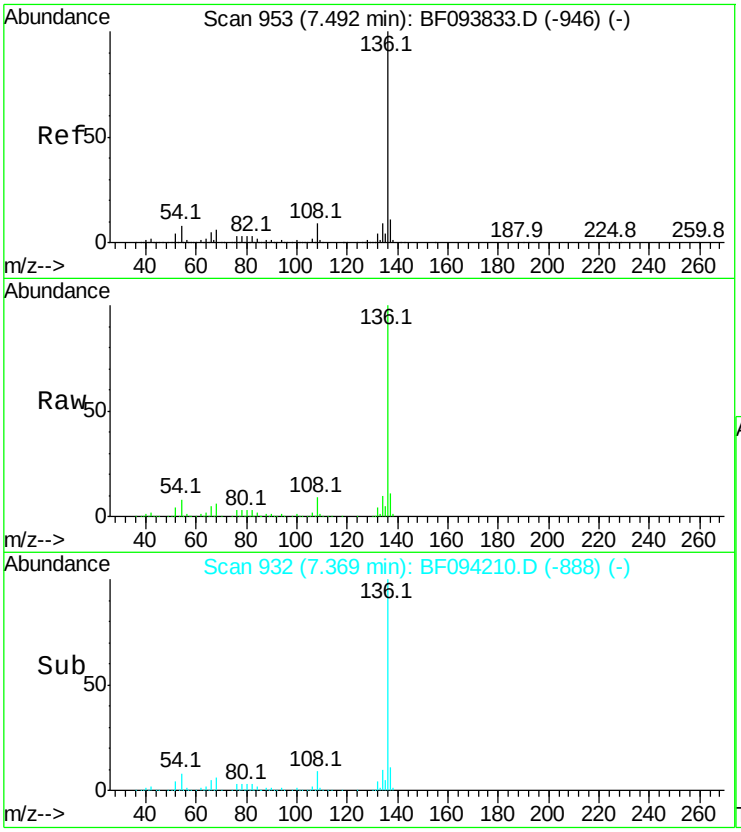




#19
n-Nitroso-di-n-propylamine
Concen: 2.66 ng
RT: 6.50 min Scan# 785
Delta R.T. 0.11 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

Tgt Ion: 70 Resp: 22721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.1 | 47.2 | 70.8# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 2.5 | 15.9 | 23.9# |



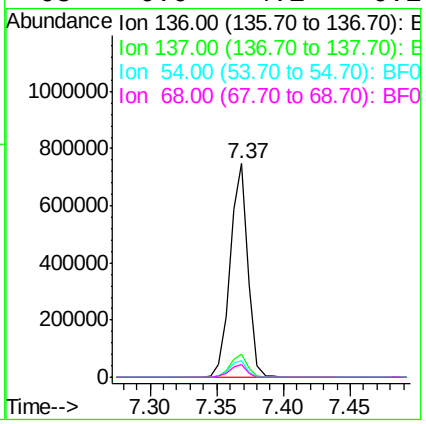


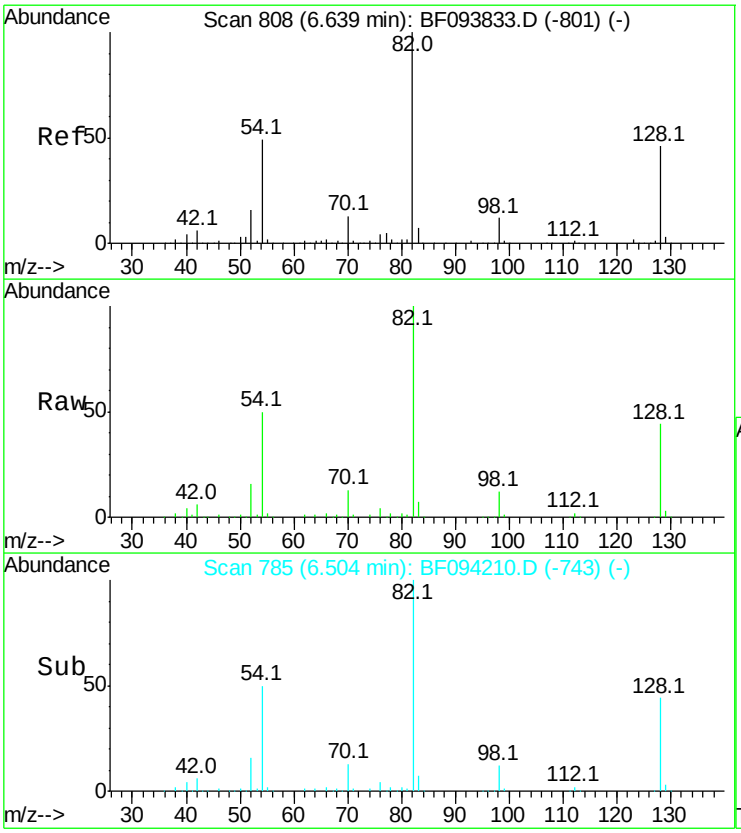

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.04 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
BASING-5(0-2)

Tgt Ion:136 Resp: 695713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.5 | 12.7 |
| 54 | 7.6 | 4.9 | 7.3# |
| 68 | 6.0 | 4.1 | 6.1 |

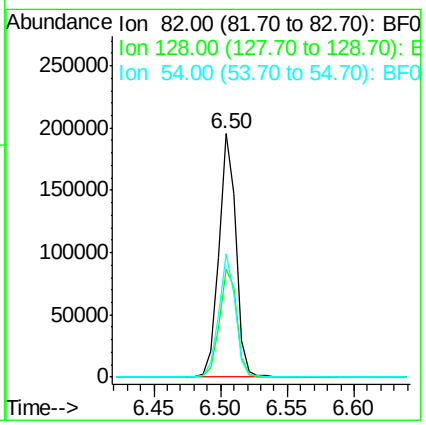


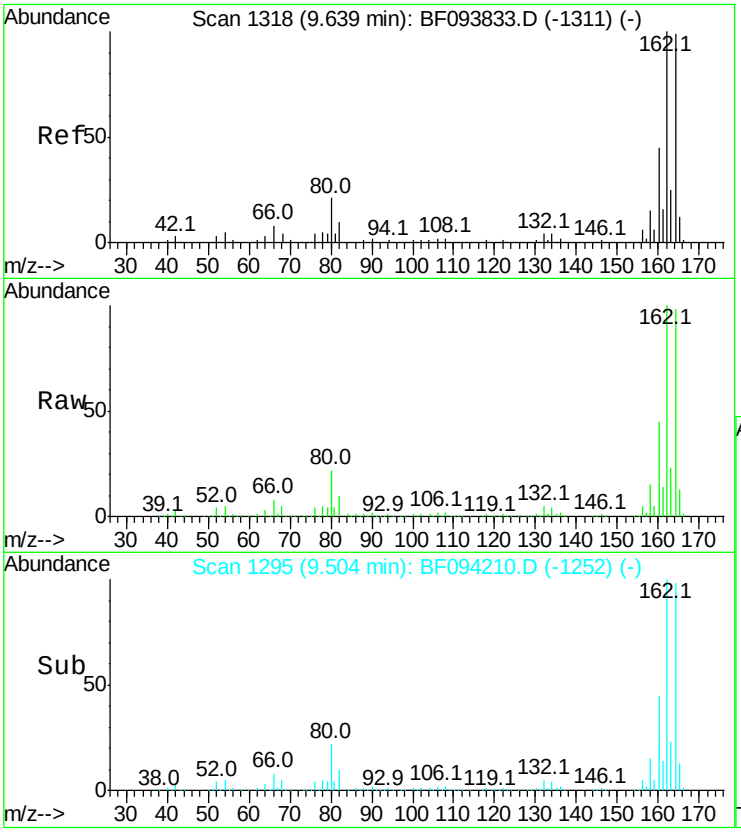




#23
Nitrobenzene-d5
Concen: 14.52 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

Tgt Ion: 82 Resp: 176992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.5 | 34.0 | 51.0 |
| 54 | 50.4 | 42.2 | 63.2 |



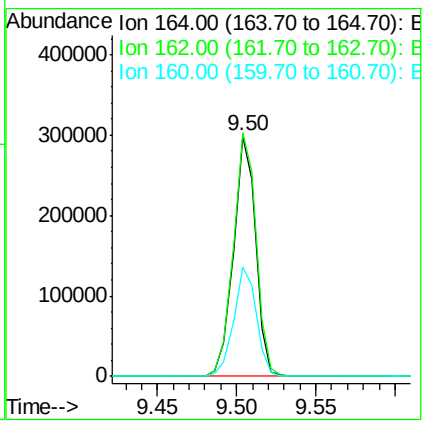


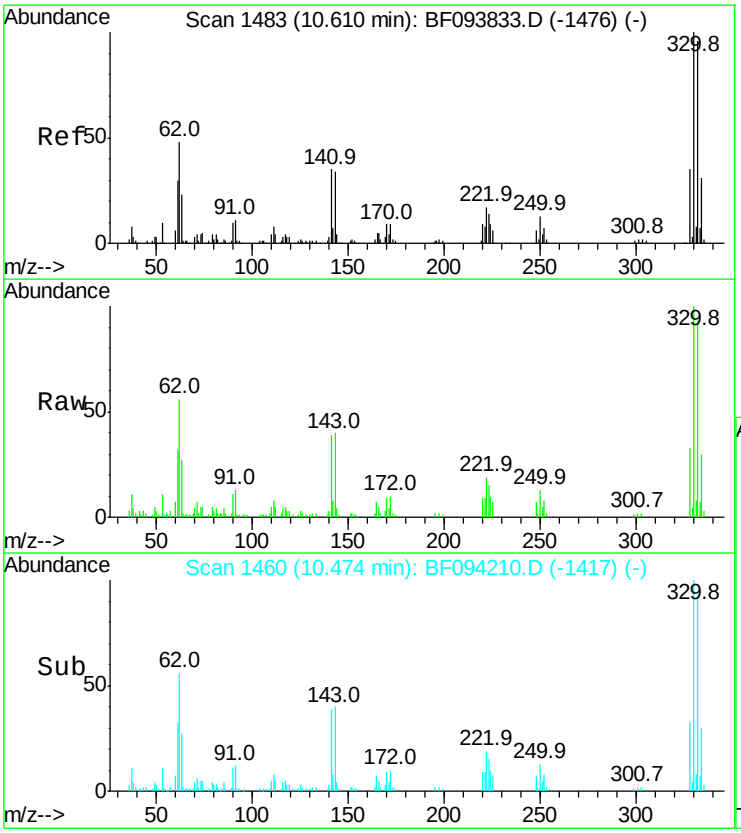

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
BASING-5(0-2)

Tgt Ion:164 Resp: 289451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 82.6 | 123.8 |
| 160 | 45.4 | 36.2 | 54.2 |

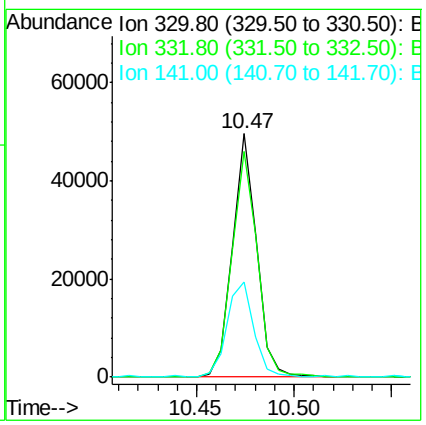


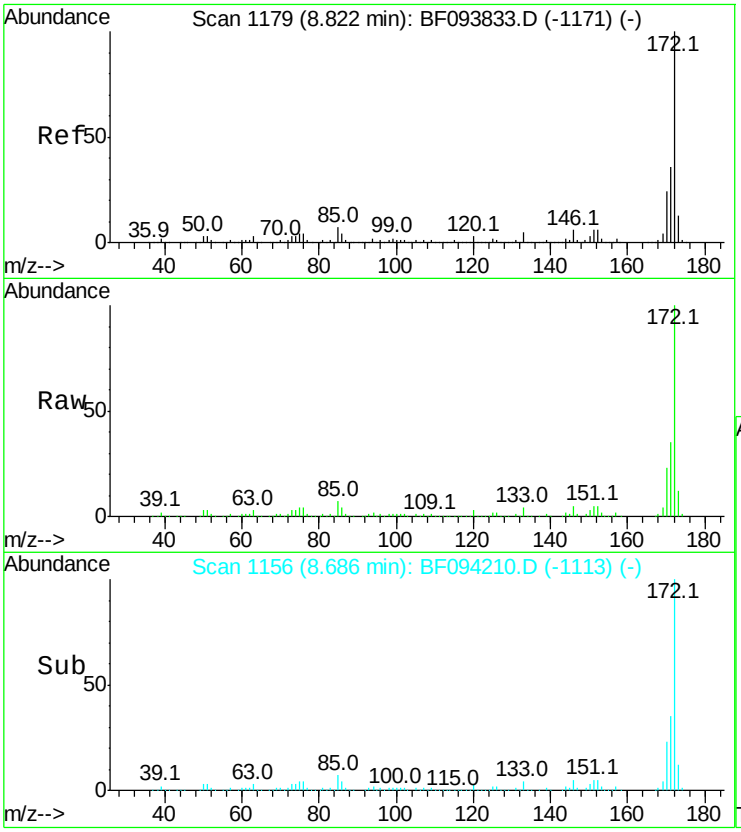




#41
2,4,6-Tribromophenol
Concen: 18.67 ng
RT: 10.47 min Scan# 1460
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

Tgt Ion:330 Resp: 42694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 76.6 | 115.0 |
| 141 | 43.4 | 31.4 | 47.2 |



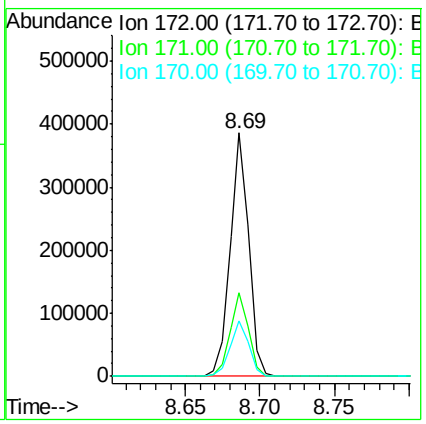


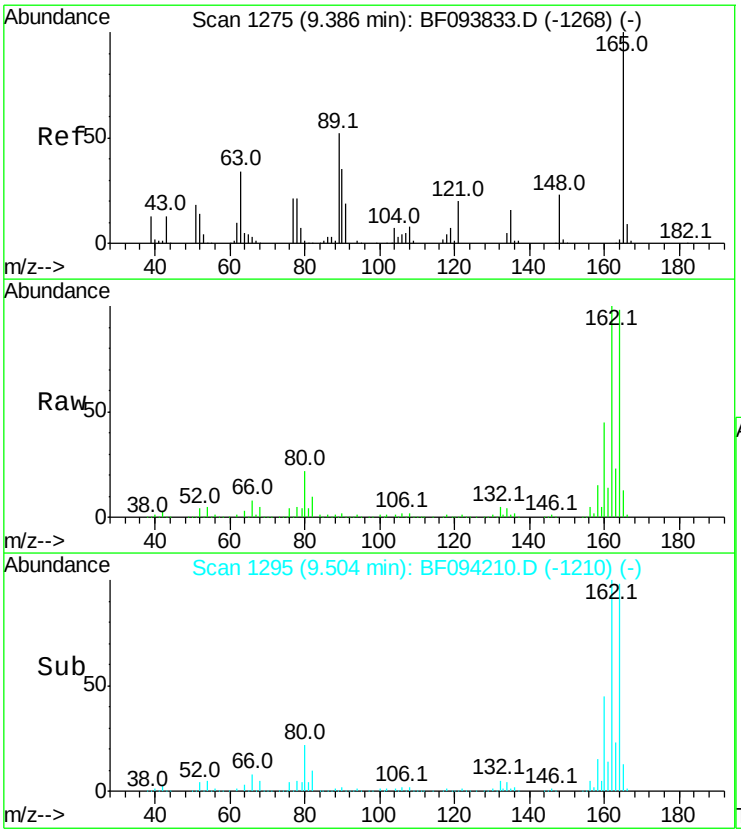

#44
2-Fluorobiphenyl
Concen: 17.94 ng
RT: 8.69 min Scan# 1156
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
BASING-5(0-2)

Tgt Ion:172 Resp: 340541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.5 | 29.6 | 44.4 |
| 170 | 22.8 | 19.8 | 29.8 |

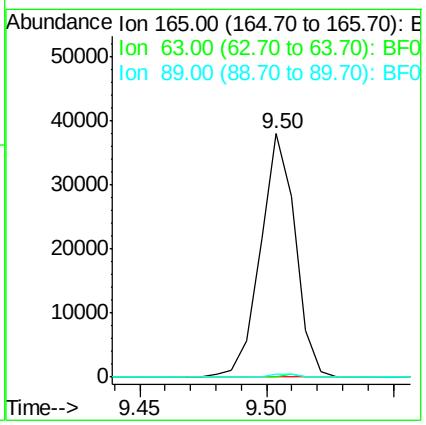


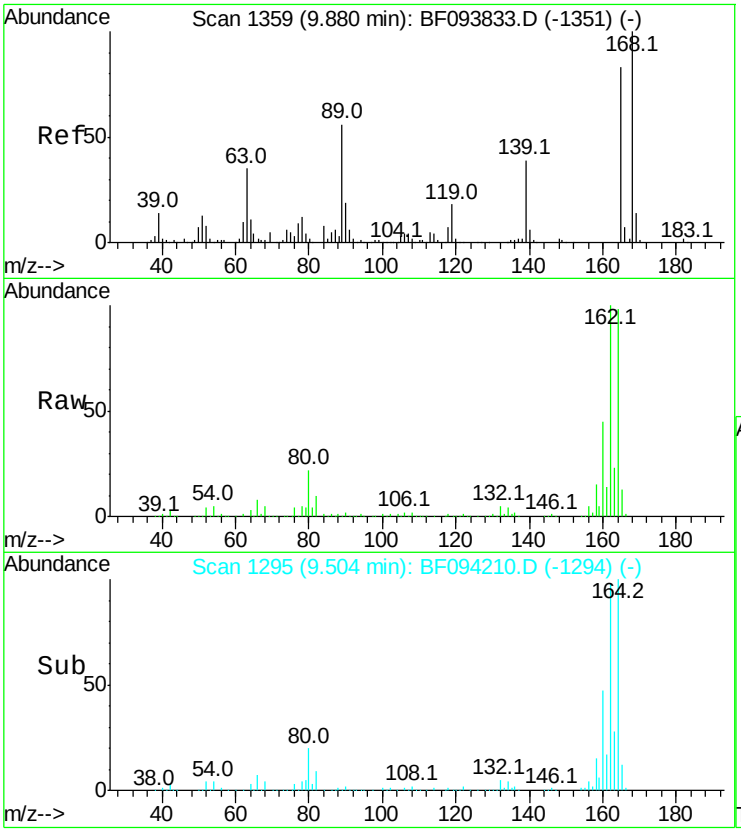




#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.50 min Scan# 1295
Delta R.T. 0.20 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

Tgt Ion:165 Resp: 36390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 34.3 | 51.5# |
| 89 | 1.2 | 37.1 | 55.7# |



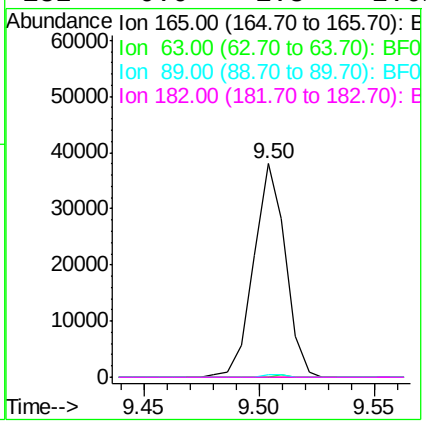


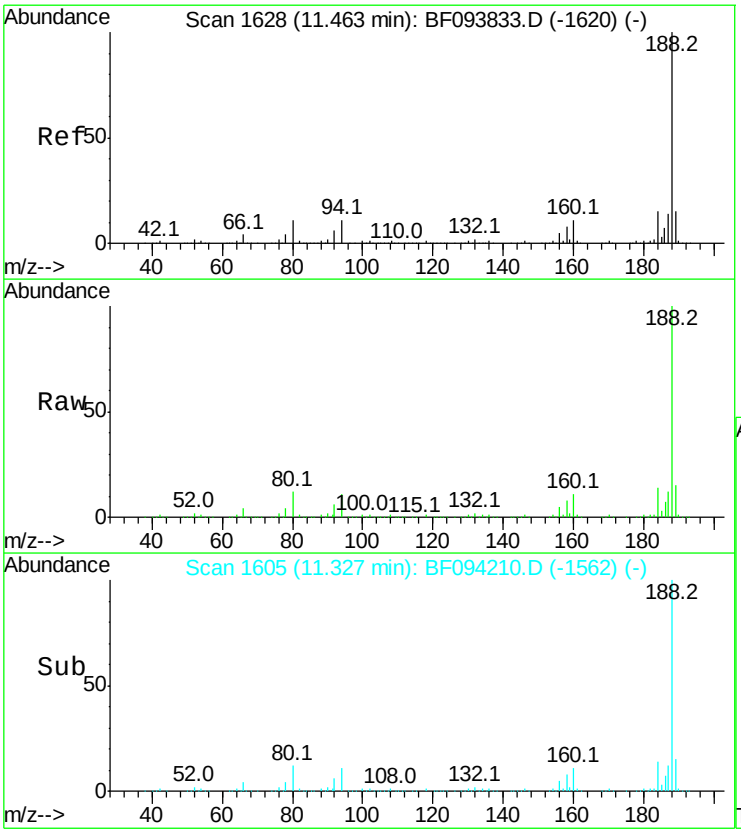

#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.29 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
BASING-5(0-2)

Tgt Ion:165 Resp: 36391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 25.4 | 38.0# |
| 89 | 1.2 | 46.4 | 69.6# |
| 182 | 0.0 | 1.8 | 2.6# |

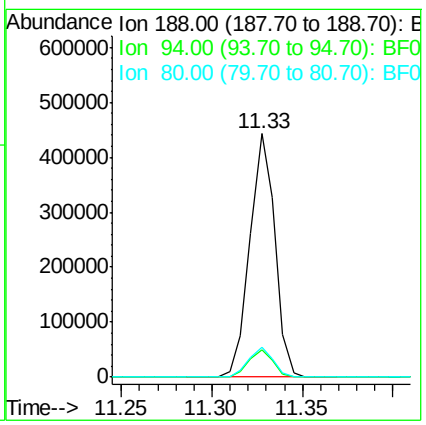


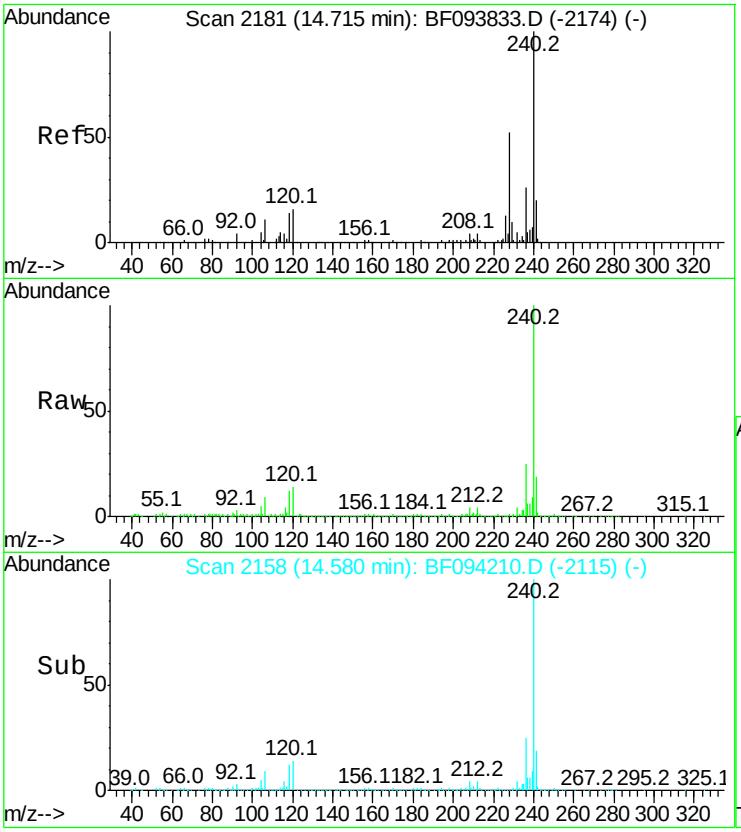




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

Tgt Ion:188 Resp: 425591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.4 | 9.4 | 14.2 |
| 80 | 12.1 | 10.2 | 15.2 |



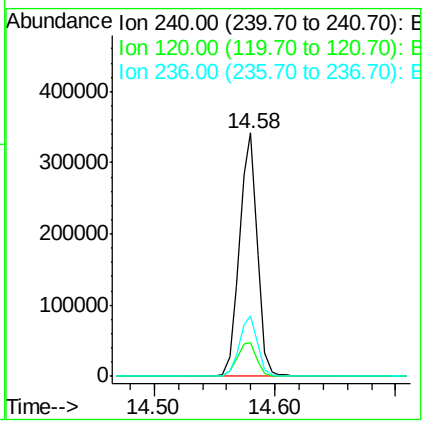


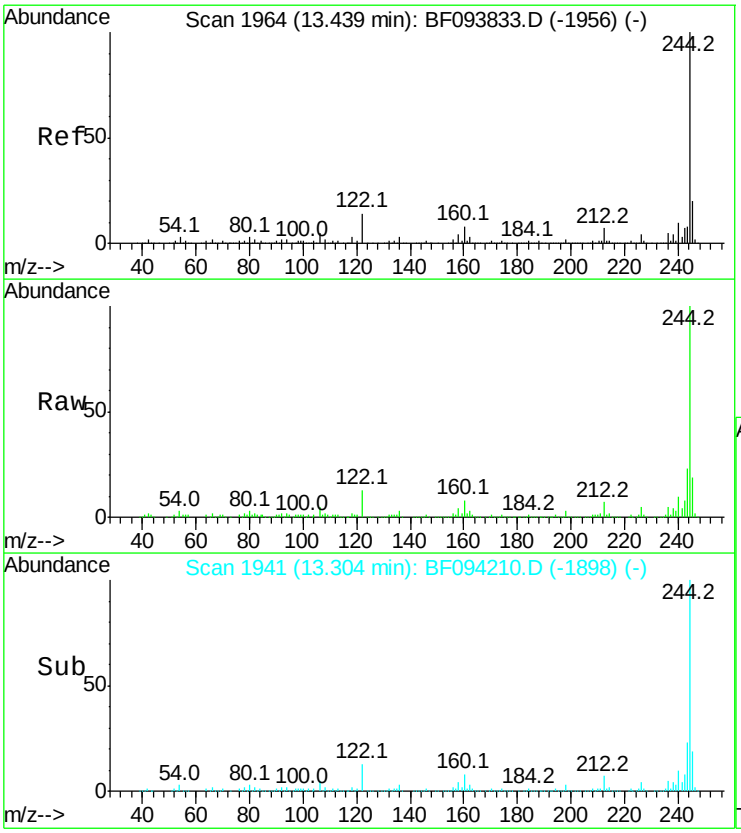

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
BASING-5(0-2)

Tgt Ion:240 Resp: 353924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.0 | 5.8 | 8.8# |
| 236 | 25.0 | 20.5 | 30.7 |

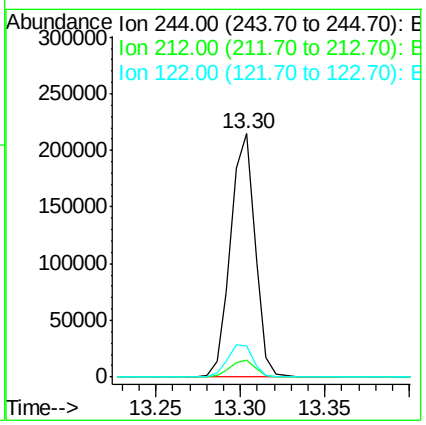


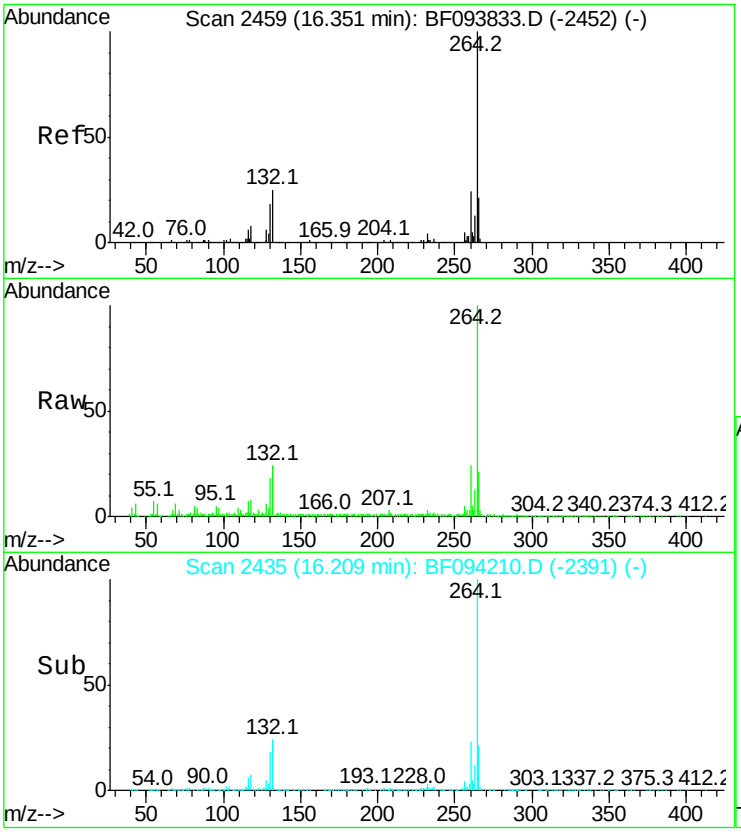




#78
Terphenyl-d14
Concen: 13.65 ng
RT: 13.30 min Scan# 1941
Delta R.T. -0.05 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

Tgt Ion:244 Resp: 215456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 6.0 | 9.0 |
| 122 | 12.7 | 10.3 | 15.5 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 2435
Delta R.T. -0.04 min
Lab File: BF094210.D
Acq: 6 Apr 2017 00:52

**Instrument :**
BNA_F
**ClientSampleId :**
BASING-5(0-2)

Tgt Ion:264 Resp: 246034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.5 | 29.3 |
| 265 | 21.2 | 17.2 | 25.8 |