Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093978.D
Acq On : 28 Mar 2017 7:57
Operator : SJ/MA
Sample : I2387-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Mar 28 08:17:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 5.94 | 152 | 166974 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 7.44 | 136 | 661929 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 9.58 | 164 | 294180 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 11.41 | 188 | 472911 | 20.00 | ng | | -0.01 |
| 75) Chrysene-d12 | 14.66 | 240 | 301492 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 16.29 | 264 | 276302 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.47 | 112 | 600827 | 60.78 | ng | | 0.00 |
| 7) Phenol-d6 | 5.53 | 99 | 489249 | 40.00 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 6.59 | 82 | 1048387 | 90.39 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.56 | 330 | 228455 | 98.27 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 8.77 | 172 | 1795541 | 93.10 | ng | | -0.01 |
| 78) Terphenyl-d14 | 13.39 | 244 | 1242498 | 92.38 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 5.68 | 77 | 18761 | 2.27 | ng | | 84 |
| 19) n-Nitroso-di-n-propylamine | 6.59 | 70 | 139904 | 17.80 | ng | # | 76 |
| 50) 2,6-Dinitrotoluene | 9.58 | 165 | 37936 | 7.91 | ng | # | 33 |
| 56) 2,4-Dinitrotoluene | 9.58 | 165 | 37937 | 6.30 | ng | # | 33 |

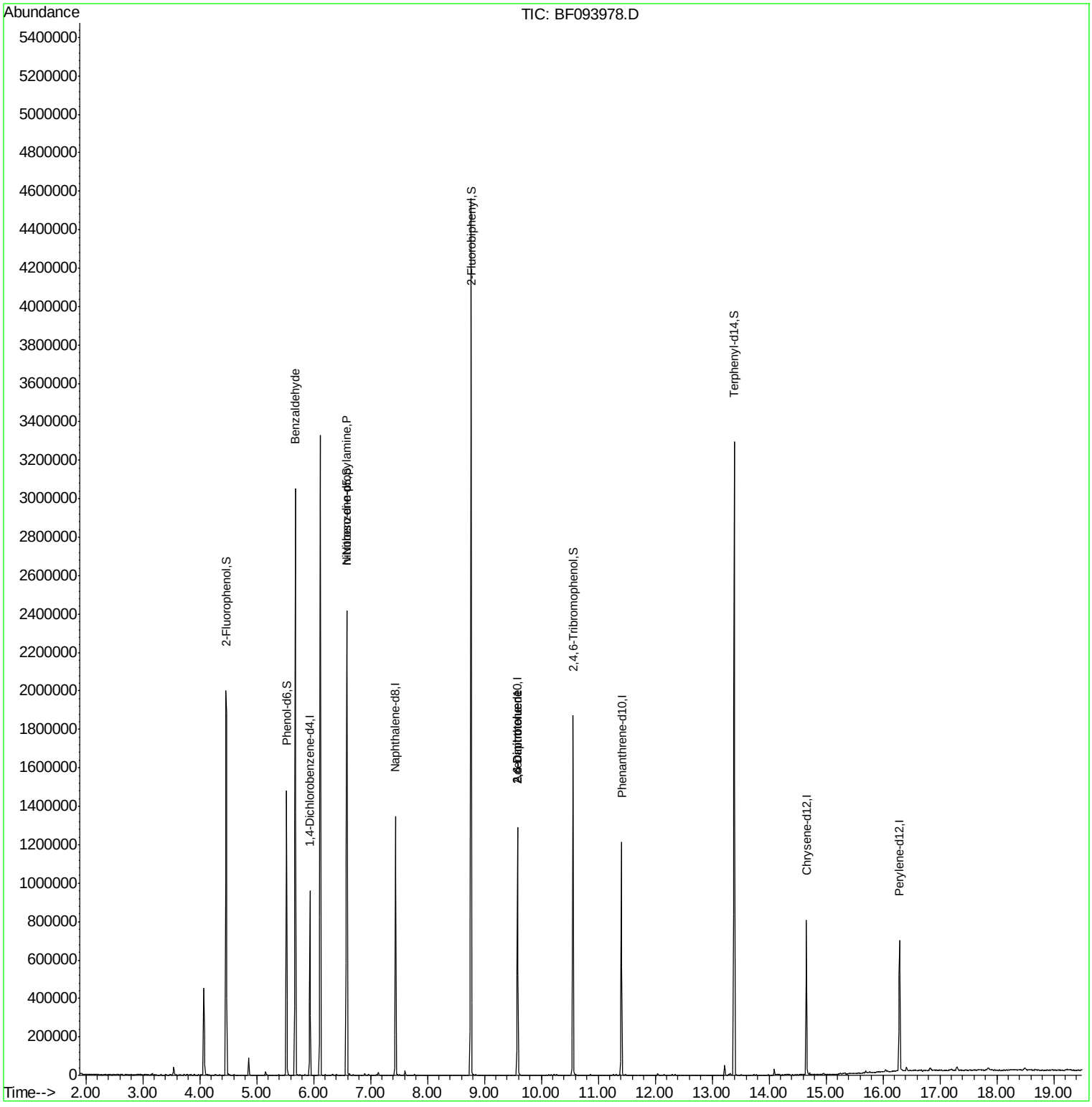
(#) = qualifier out of range (m) = manual integration (+) = signals summed

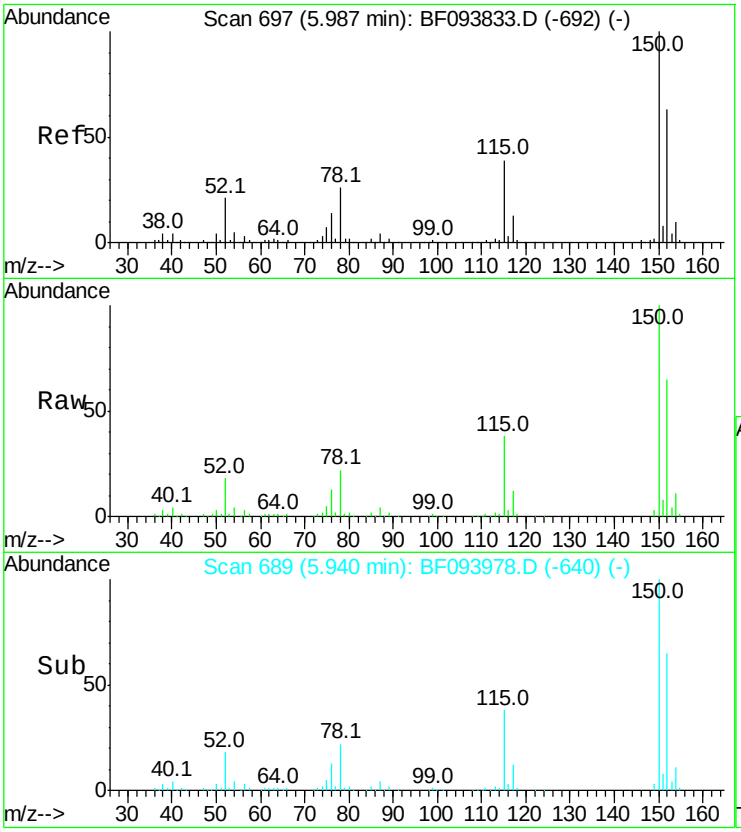
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093978.D
Acq On : 28 Mar 2017 7:57
Operator : SJ/MA
Sample : I2387-01
Misc :
ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Mar 28 08:17:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration



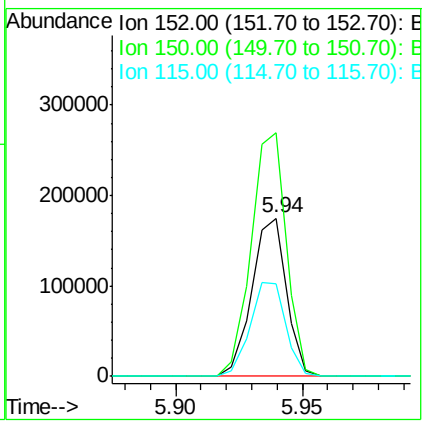


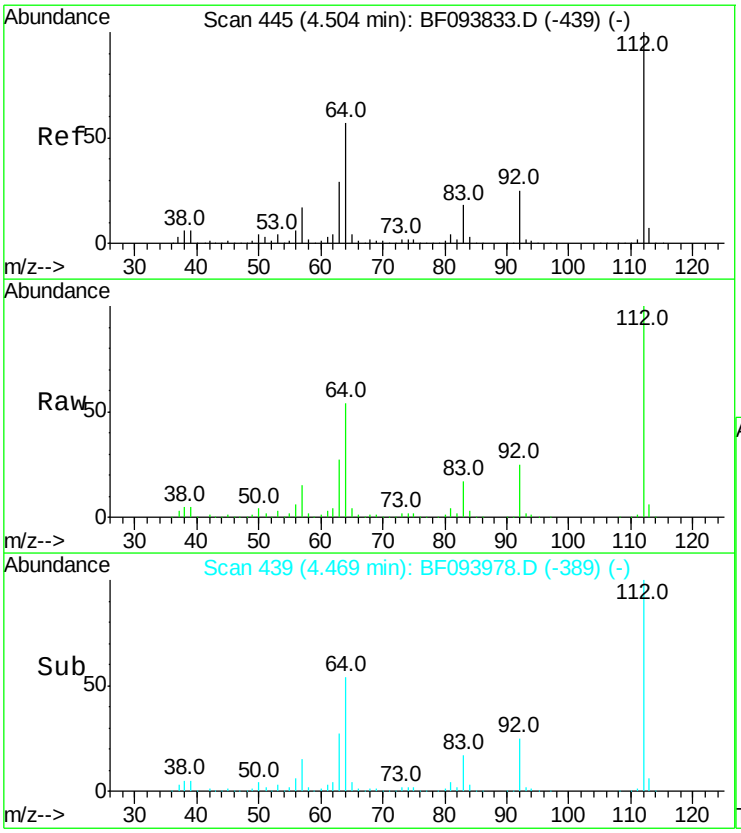

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

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

Tgt Ion:152 Resp: 166974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.7 | 126.2 | 189.2 |
| 115 | 58.6 | 52.2 | 78.2 |

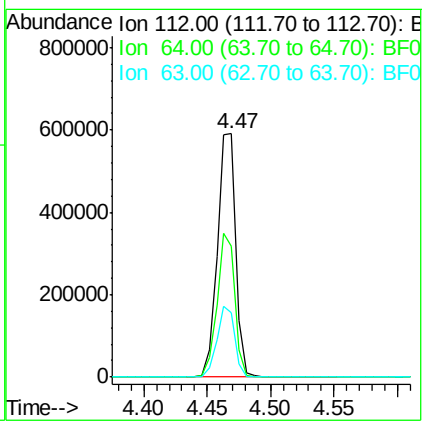


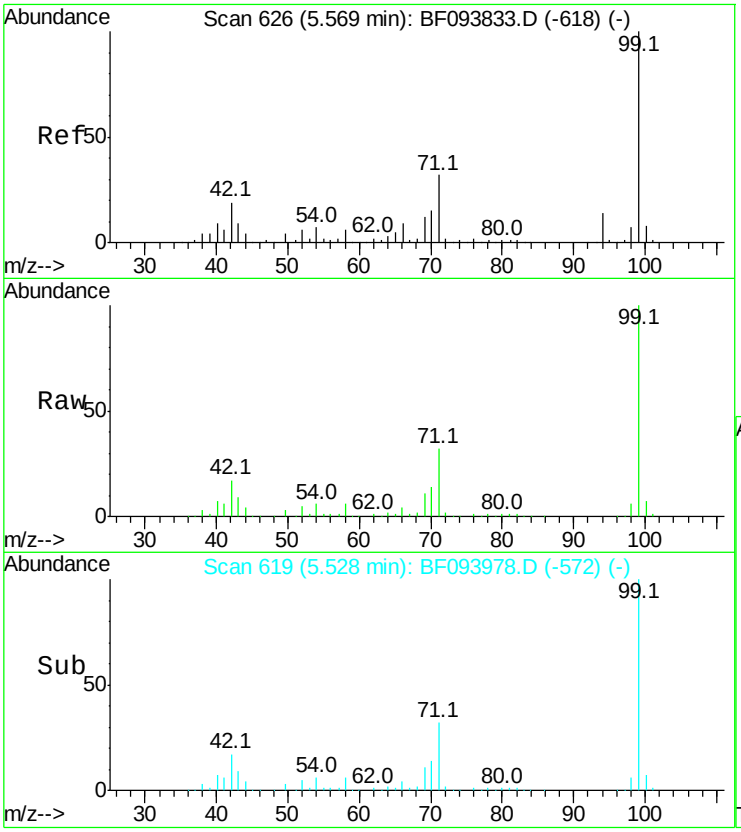




#5
2-Fluorophenol
Concen: 60.78 ng
RT: 4.47 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

Tgt Ion:112 Resp: 600827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.9 | 46.0 | 69.0 |
| 63 | 26.5 | 23.4 | 35.0 |



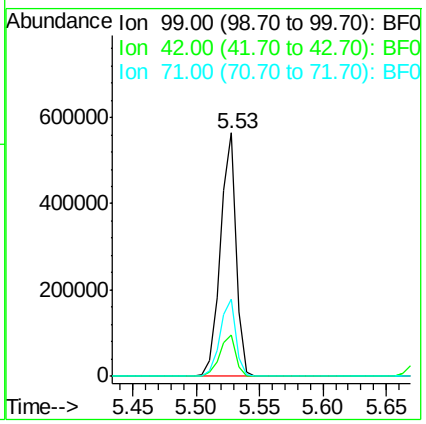


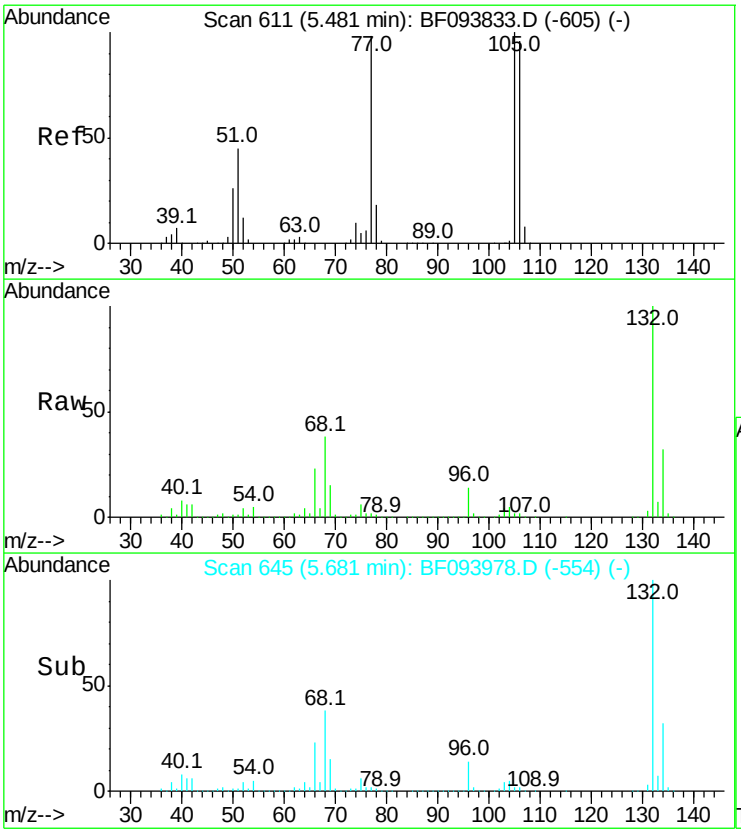

#7
Phenol-d6
Concen: 40.00 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

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

Tgt Ion: 99 Resp: 489249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.1 | 13.5 | 20.3 |
| 71 | 31.9 | 24.5 | 36.7 |

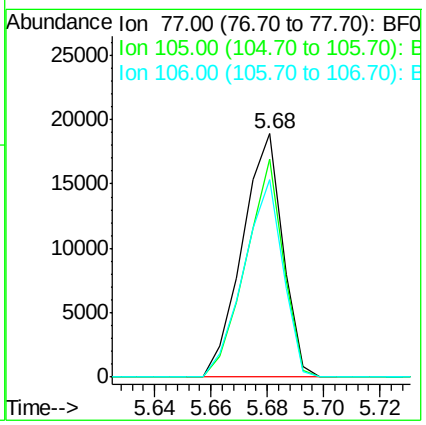


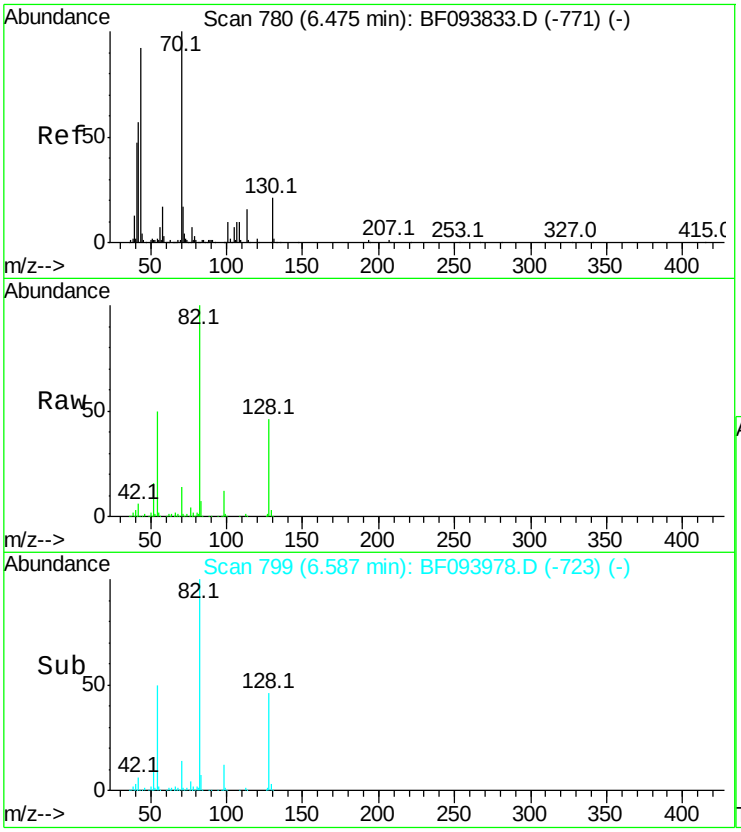




#9
Benzaldehyde
Concen: 2.27 ng
RT: 5.68 min Scan# 645
Delta R.T. 0.24 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

Tgt Ion: 77 Resp: 18761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 89.5 | 83.8 | 123.8 |
| 106 | 81.0 | 79.1 | 119.1 |



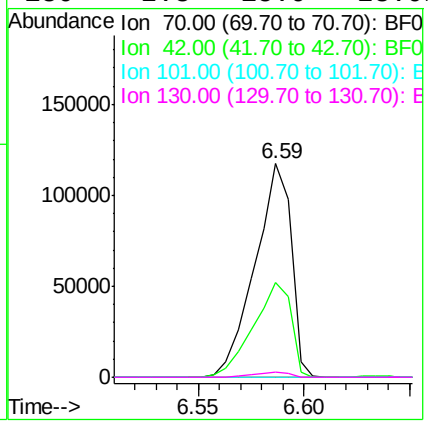


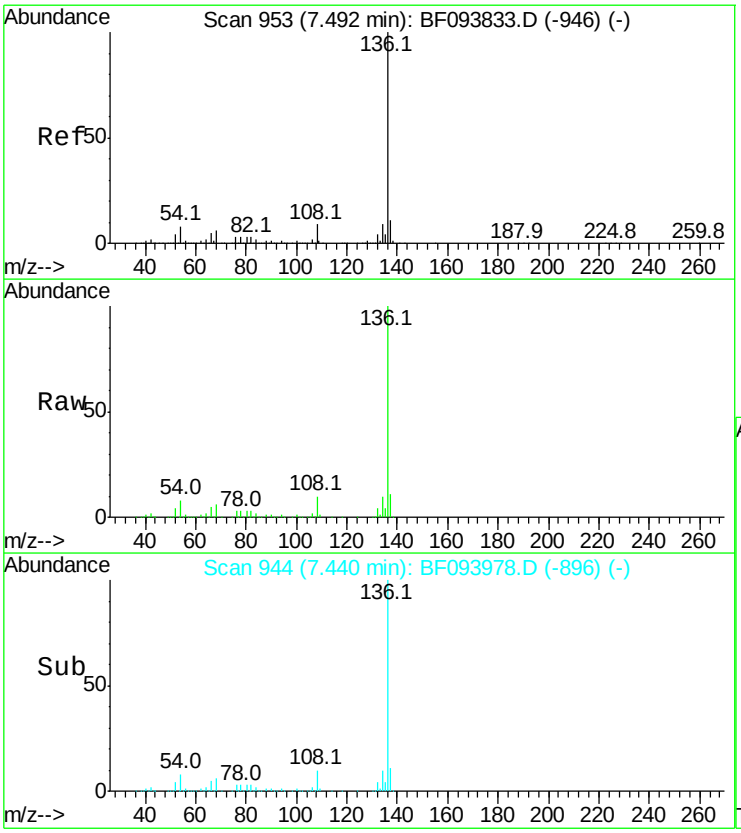

#19
n-Nitroso-di-n-propylamine
Concen: 17.80 ng
RT: 6.59 min Scan# 799
Delta R.T. 0.15 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

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

Tgt Ion: 70 Resp: 139904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 44.6 | 47.2 | 70.8# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 2.3 | 15.9 | 23.9# |

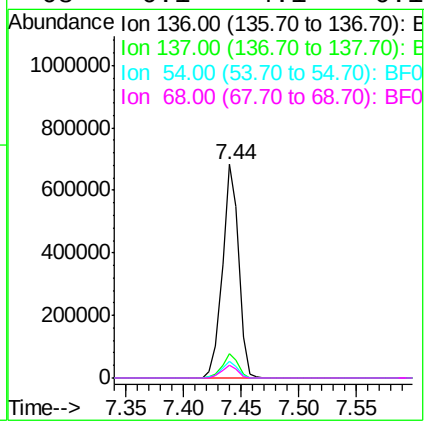


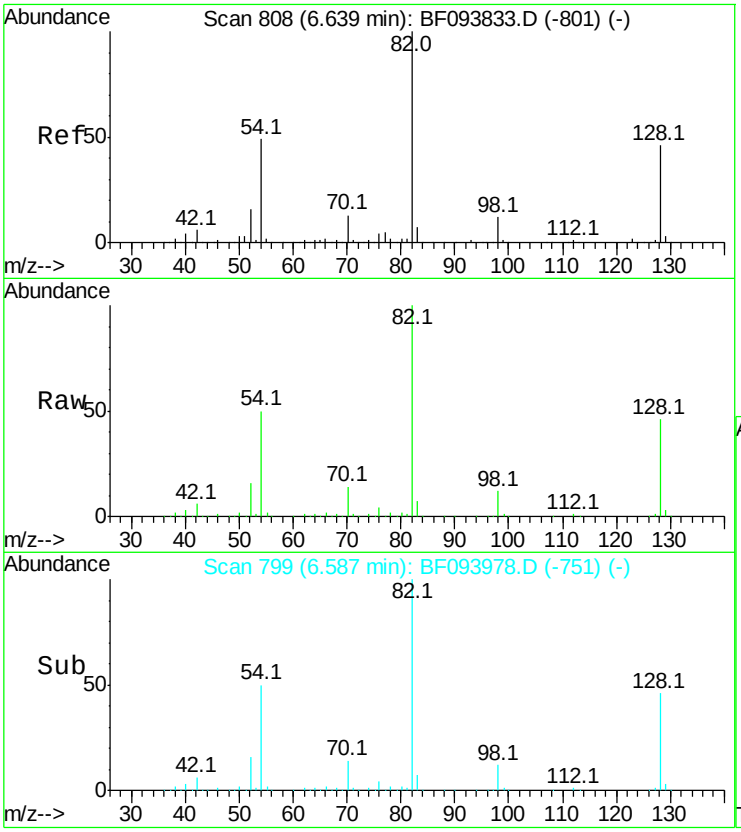




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

Tgt Ion:136 Resp: 661929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.5 | 12.7 |
| 54 | 7.9 | 4.9 | 7.3# |
| 68 | 6.1 | 4.1 | 6.1 |



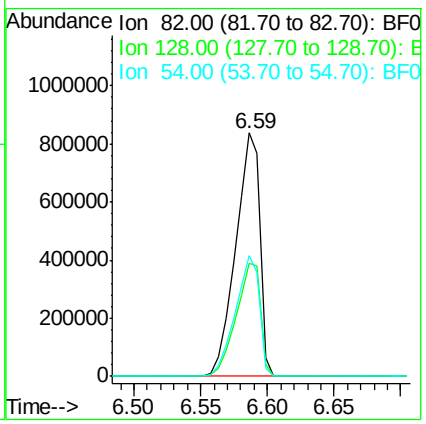


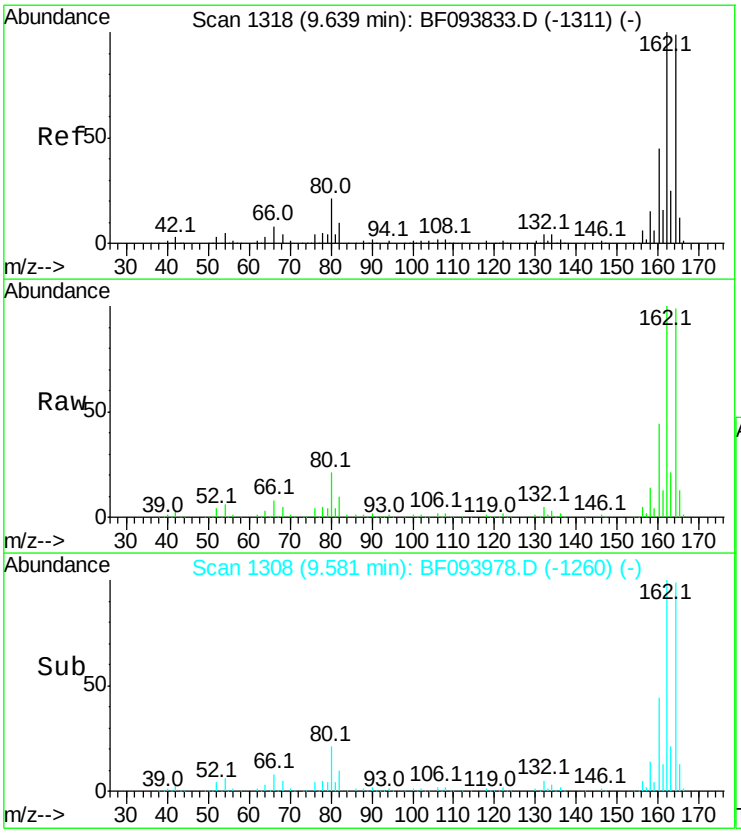

#23
Nitrobenzene-d5
Concen: 90.39 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

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

Tgt Ion: 82 Resp: 1048387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.4 | 34.0 | 51.0 |
| 54 | 49.6 | 42.2 | 63.2 |

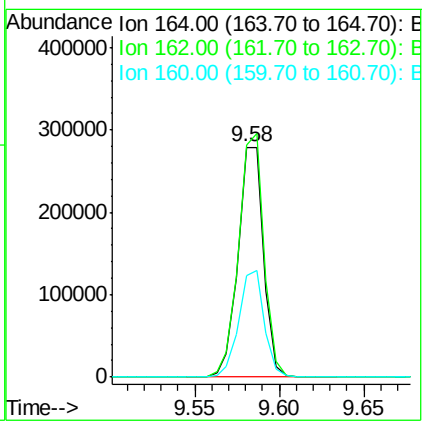


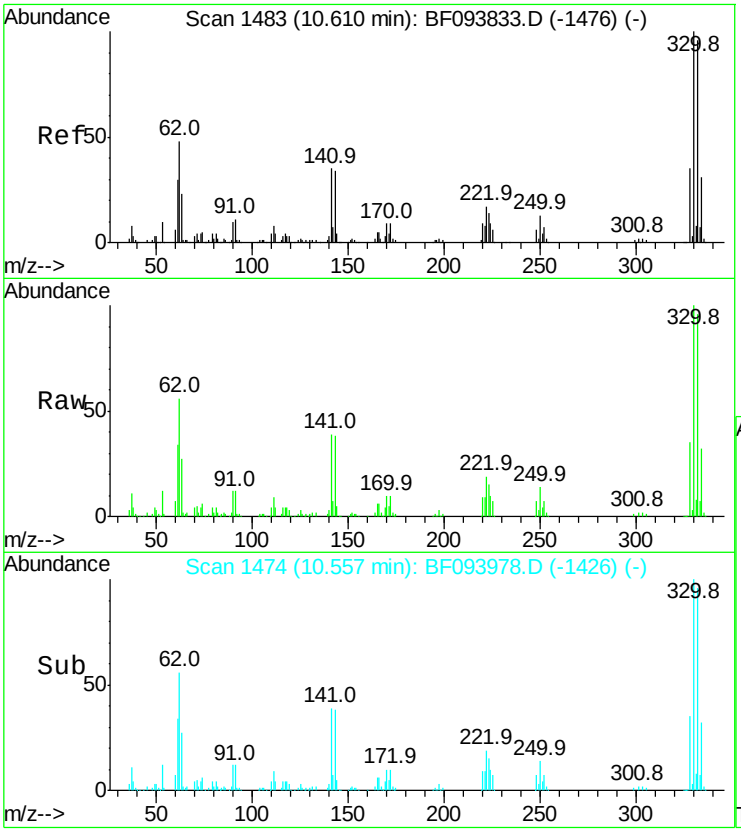




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

Tgt Ion:164 Resp: 294180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 82.6 | 123.8 |
| 160 | 43.9 | 36.2 | 54.2 |



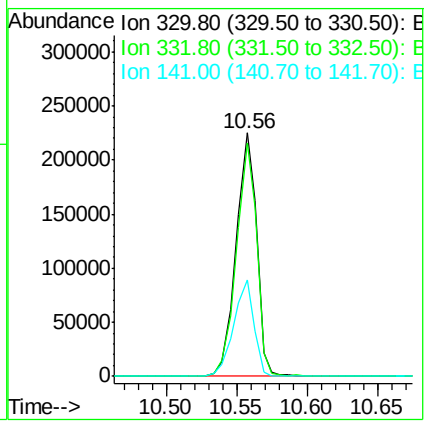


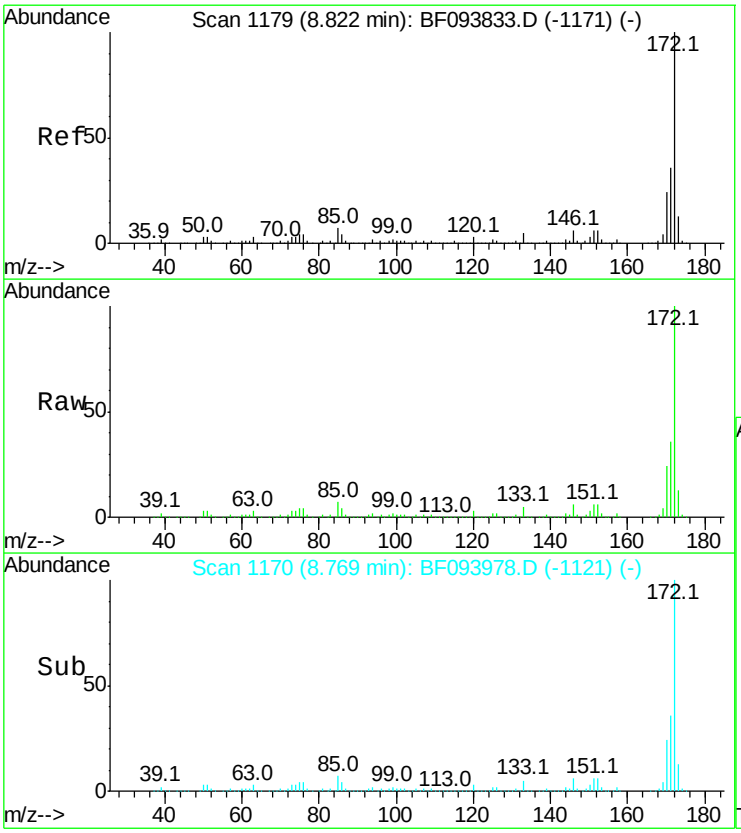

#41
2,4,6-Tribromophenol
Concen: 98.27 ng
RT: 10.56 min Scan# 1474
Delta R.T. -0.02 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

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

Tgt Ion:330 Resp: 228455

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.7 | 76.6 | 115.0 |
| 141 | 39.2 | 31.4 | 47.2 |

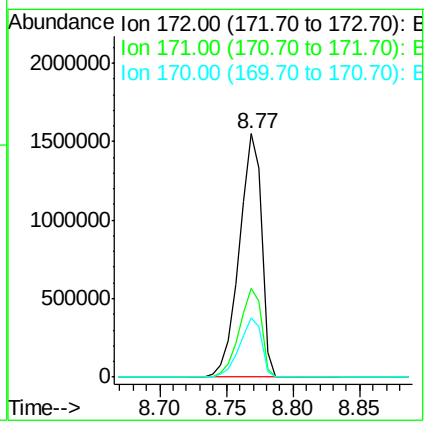


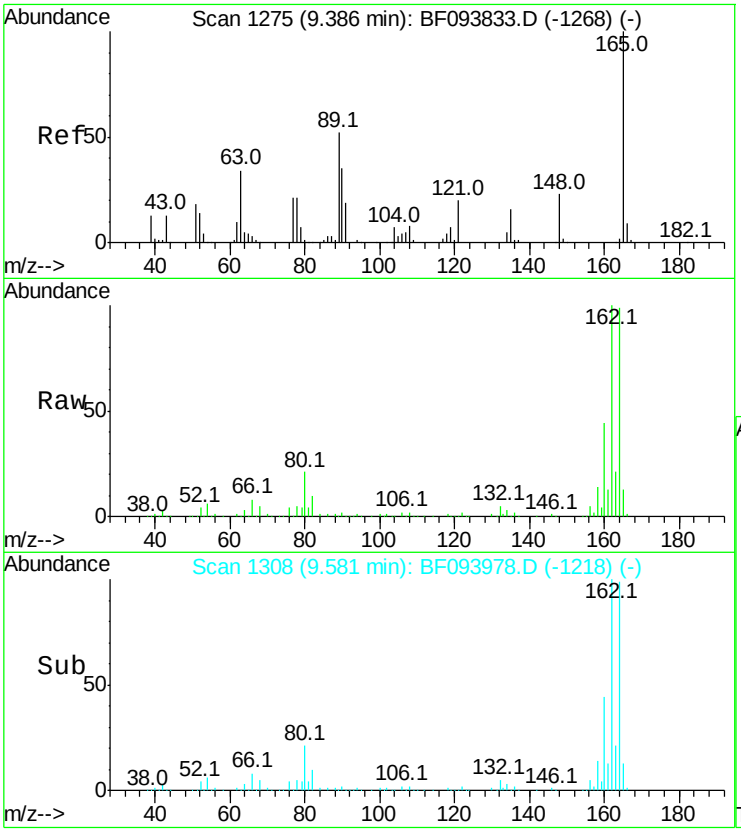




#44
2-Fluorobiphenyl
Concen: 93.10 ng
RT: 8.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

Tgt Ion:172 Resp: 1795541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 29.6 | 44.4 |
| 170 | 24.3 | 19.8 | 29.8 |



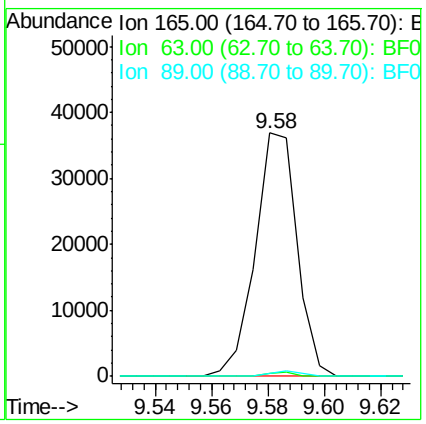


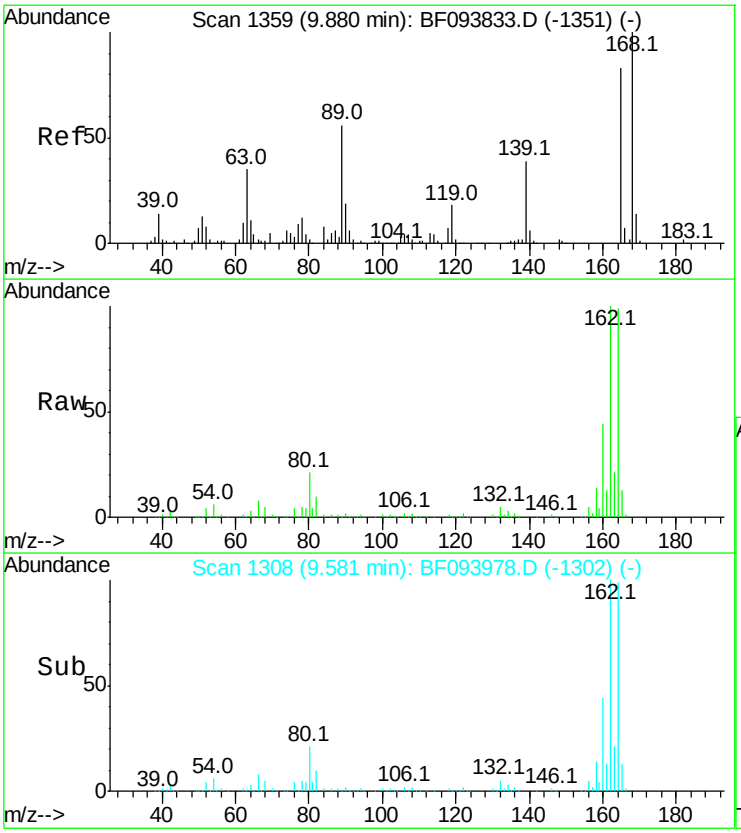

#50
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.58 min Scan# 1308
Delta R.T. 0.23 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

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

Tgt Ion:165 Resp: 37936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 34.3 | 51.5# |
| 89 | 1.3 | 37.1 | 55.7# |

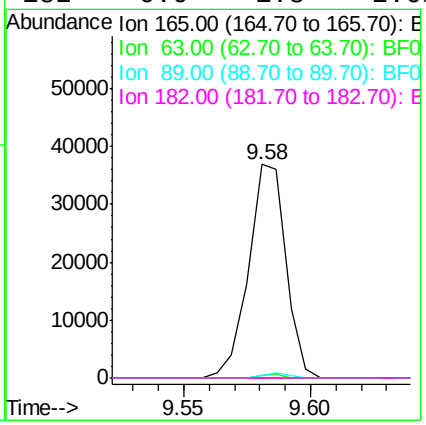


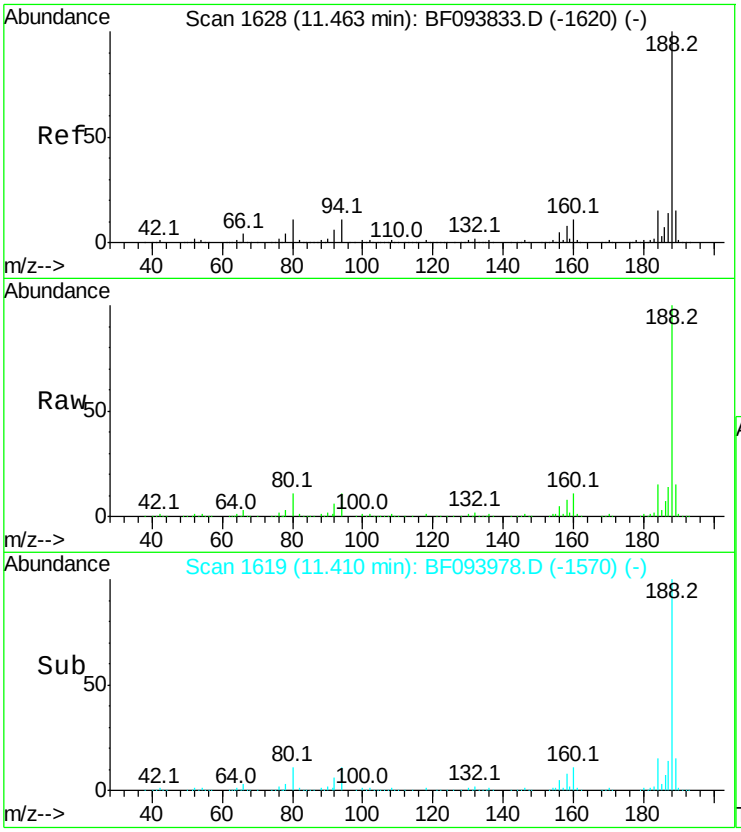




#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.26 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

Tgt Ion:165 Resp: 37937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 25.4 | 38.0# |
| 89 | 1.3 | 46.4 | 69.6# |
| 182 | 0.0 | 1.8 | 2.6# |



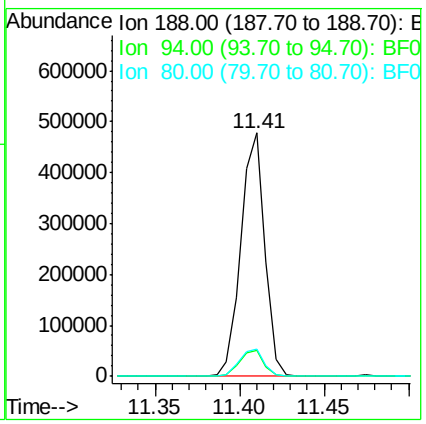


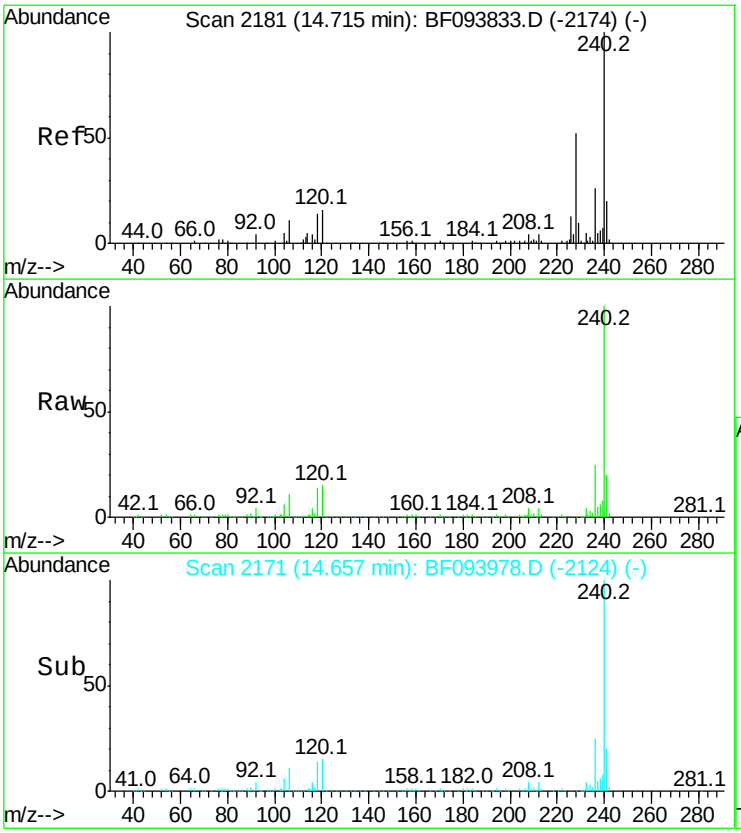

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

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

Tgt Ion:188 Resp: 472911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.7 | 9.4 | 14.2 |
| 80 | 11.2 | 10.2 | 15.2 |

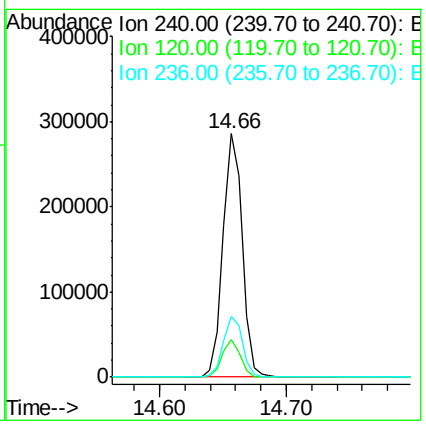


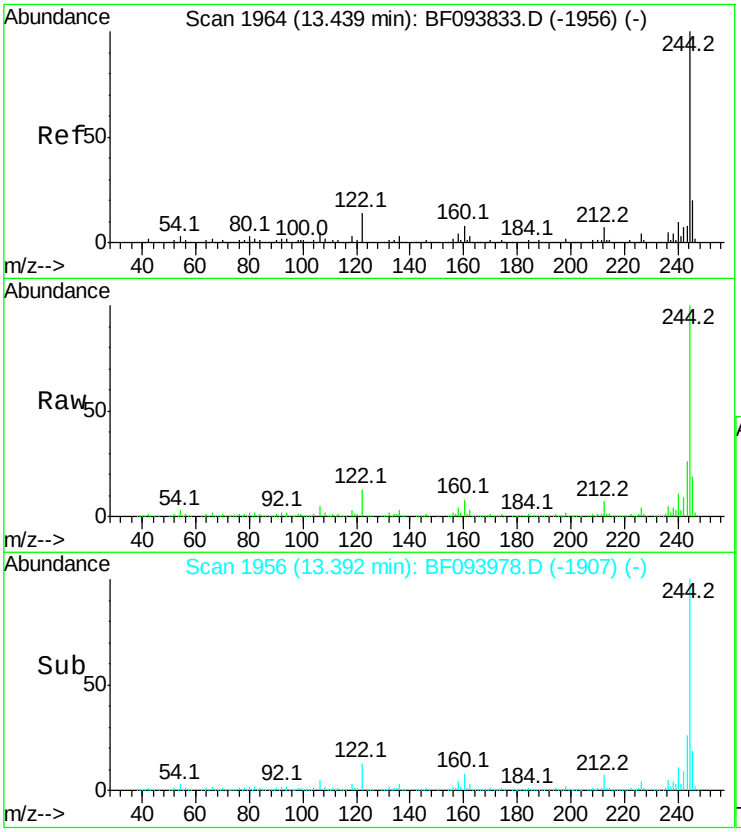




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

Tgt Ion:240 Resp: 301492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.4 | 5.8 | 8.8# |
| 236 | 25.1 | 20.5 | 30.7 |



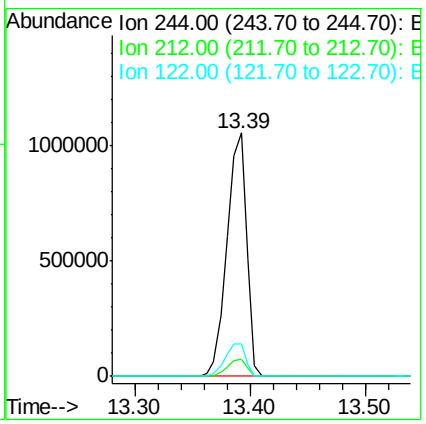


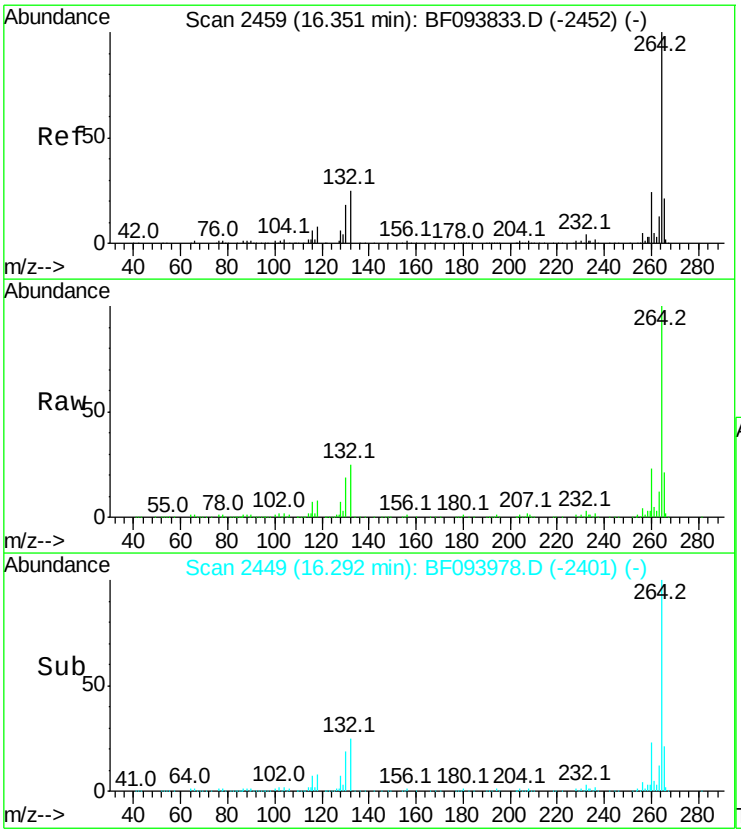

#78
Terphenyl-d14
Concen: 92.38 ng
RT: 13.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

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

Tgt Ion:244 Resp: 1242498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 6.0 | 9.0 |
| 122 | 13.1 | 10.3 | 15.5 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF093978.D
Acq: 28 Mar 2017 7:57

Tgt Ion:264 Resp: 276302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.9 | 19.5 | 29.3 |
| 265 | 21.4 | 17.2 | 25.8 |