Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
Data File : BF092940.D
Acq On : 14 Feb 2017 13:32
Operator : SJ/MA
Sample : I1799-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 14 14:32:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.88 | 152 | 154619 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.16 | 136 | 587399 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 9.92 | 164 | 331782 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 11.39 | 188 | 523766 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 14.03 | 240 | 415227 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 15.46 | 264 | 290287 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.47 | 112 | 526190 | 58.39 | ng | -0.01 |
| 7) Phenol-d6 | 6.51 | 99 | 429641 | 37.05 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 7.44 | 82 | 964262 | 91.42 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 290489 | 121.05 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 9.24 | 172 | 1723816 | 94.13 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.98 | 244 | 1279562 | 72.41 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.65 | 77 | 21889 | 2.63 | ng | # 80 |
| 19) n-Nitroso-di-n-propylamine | 7.44 | 70 | 123653 | 16.75 | ng | # 84 |
| 25) Isophorone | 7.44 | 82 | 891286 | 45.34 | ng | # 65 |
| 50) 2,6-Dinitrotoluene | 9.92 | 165 | 41457 | 8.59 | ng | # 30 |
| 56) 2,4-Dinitrotoluene | 9.92 | 165 | 41460 | 6.45 | ng | # 19 |
| 64) 4,6-Dinitro-2-methylphenol | 10.70 | 198 | 769 | 2.90 | ng | # 1 |
| 66) 4-Bromophenyl-phenylether | 10.70 | 248 | 22235 | 4.06 | ng | # 1 |

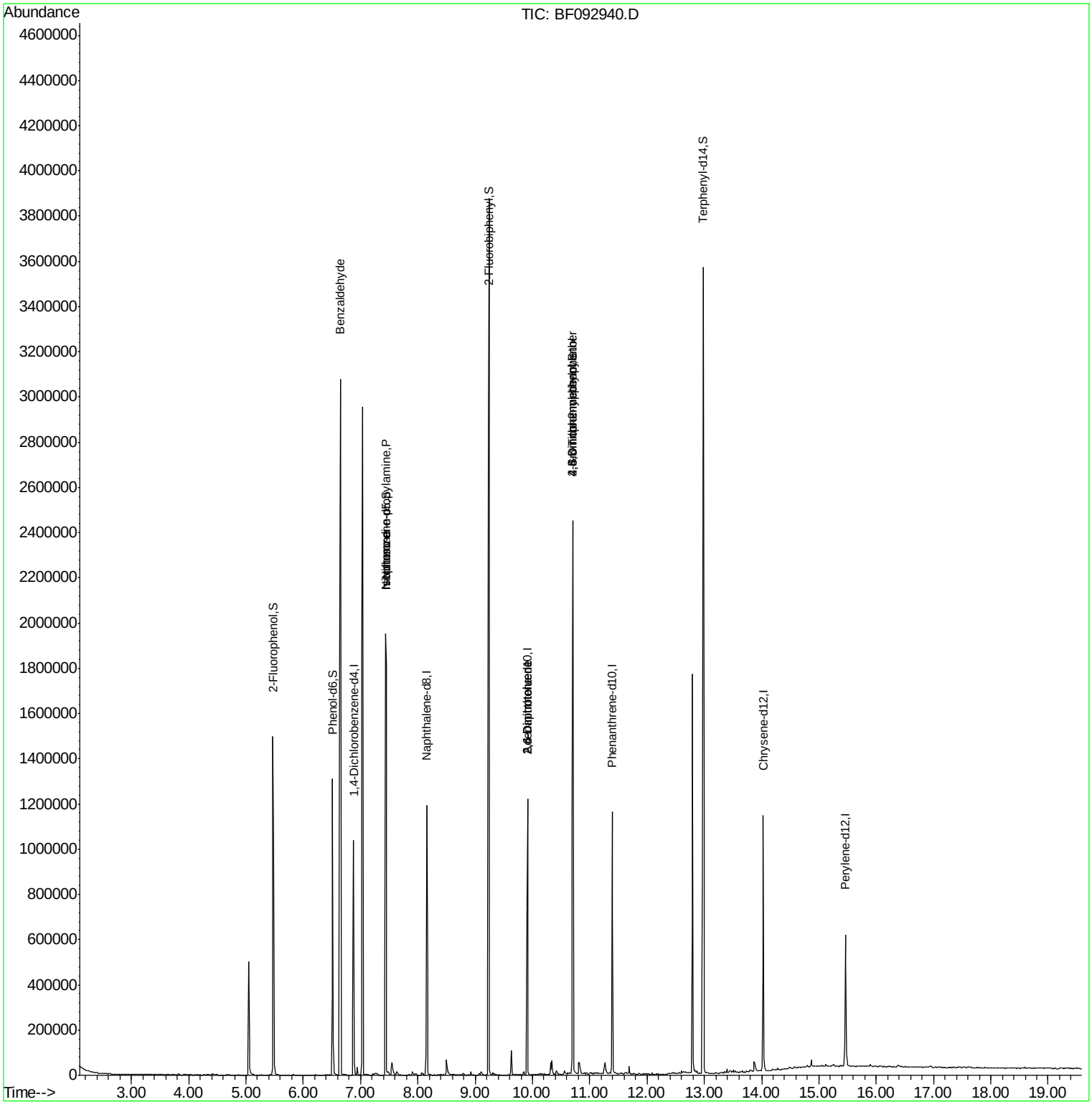
(#) = qualifier out of range (m) = manual integration (+) = signals summed

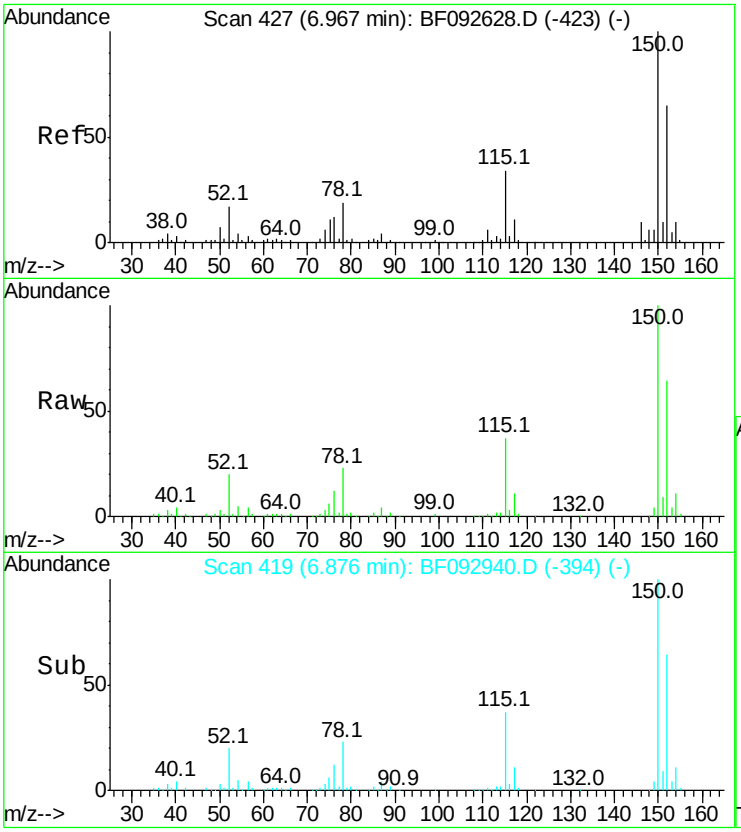
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
Data File : BF092940.D
Acq On : 14 Feb 2017 13:32
Operator : SJ/MA
Sample : I1799-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 14 14:32:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration



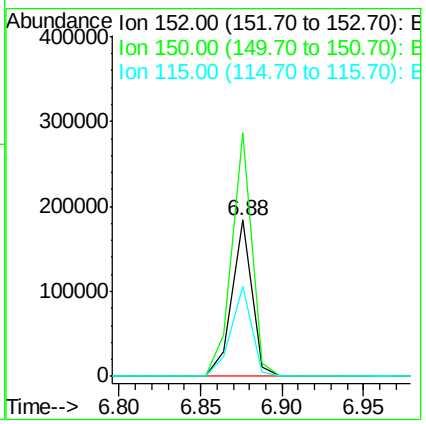


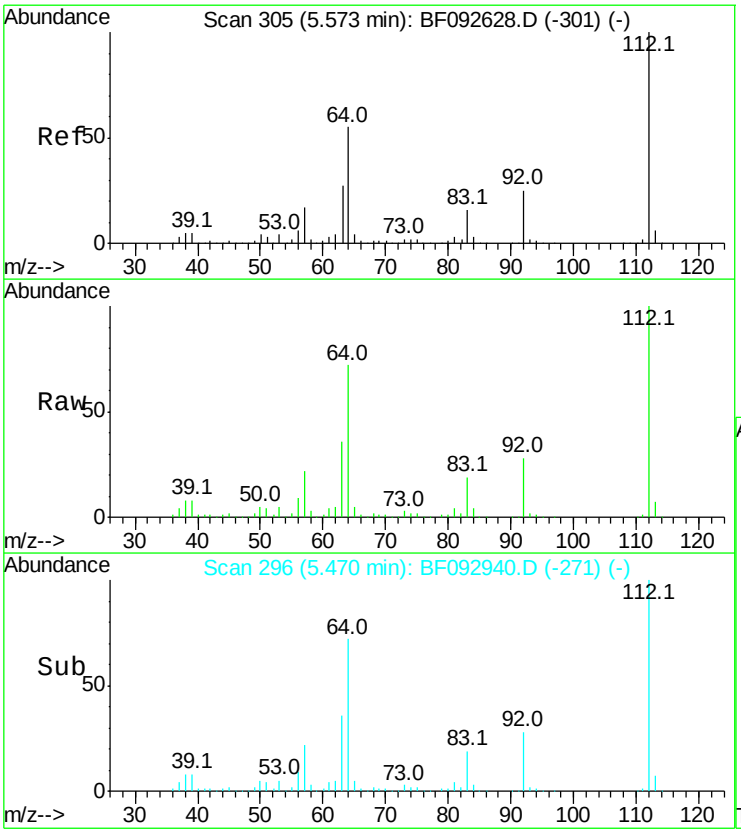

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

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

Tgt Ion:152 Resp: 154619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.1 | 124.9 | 187.3 |
| 115 | 57.5 | 46.0 | 69.0 |

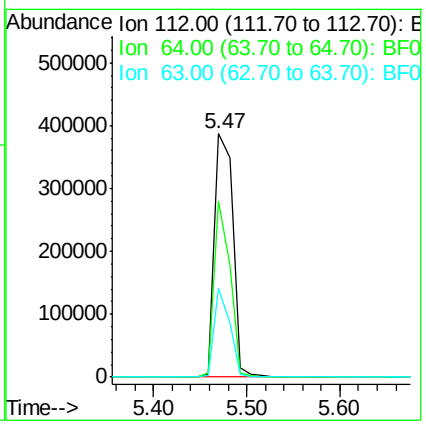


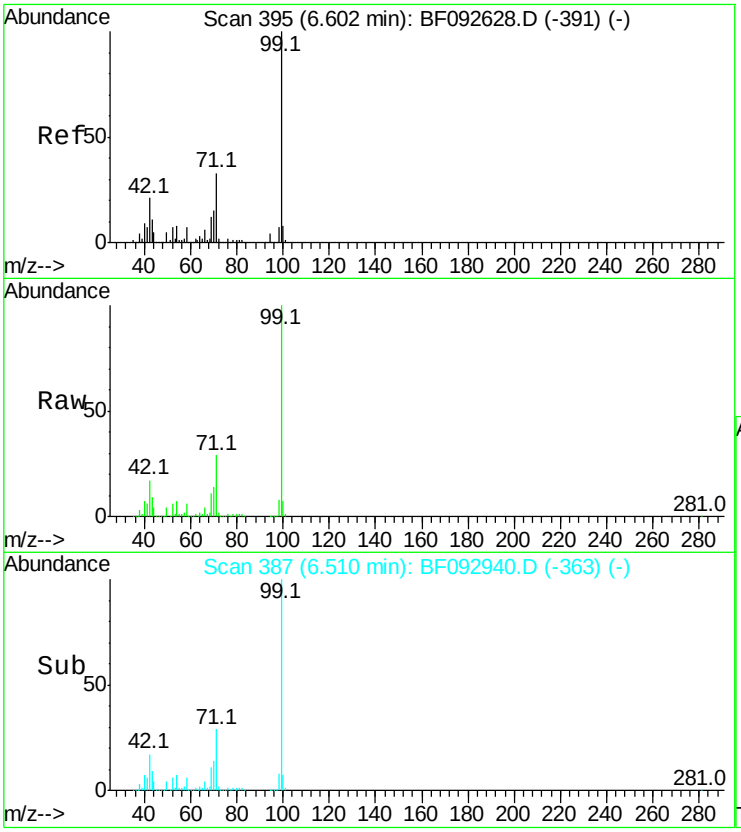




#5
2-Fluorophenol
Concen: 58.39 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion:112 Resp: 526190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.2 | 46.1 | 69.1# |
| 63 | 36.4 | 23.8 | 35.6# |



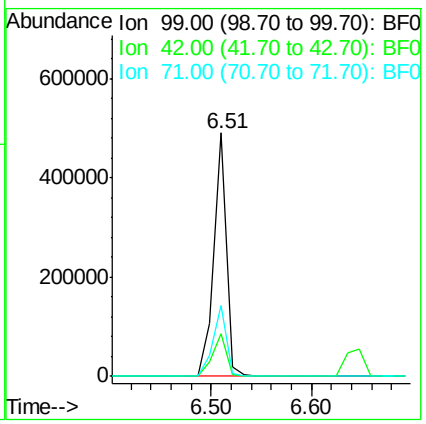


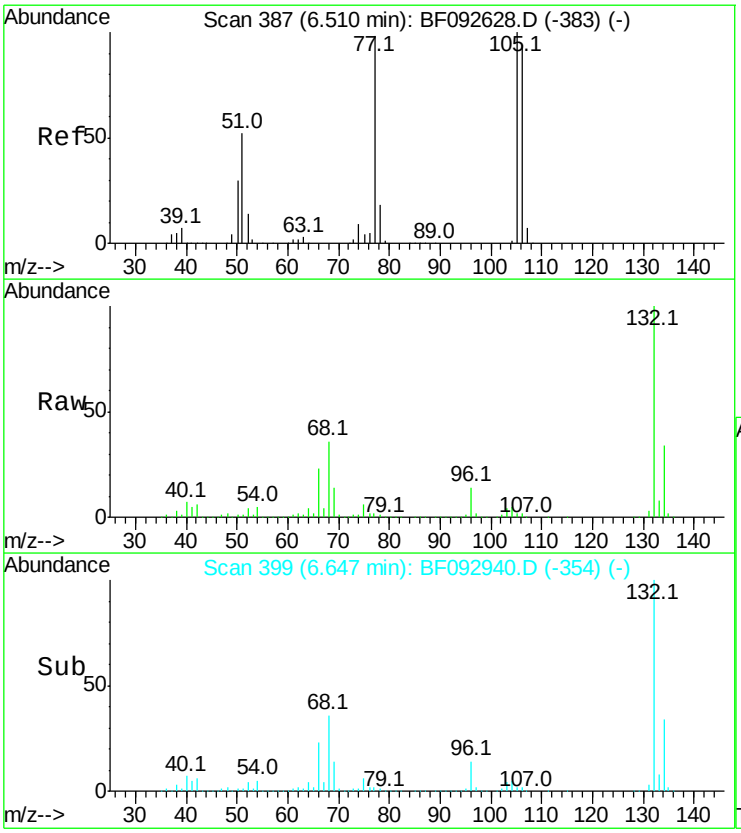

#7
Phenol-d6
Concen: 37.05 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

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

Tgt Ion: 99 Resp: 429641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.4 | 15.6 | 23.4 |
| 71 | 28.9 | 27.5 | 41.3 |

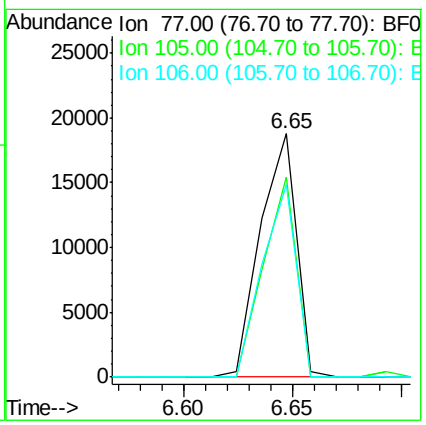


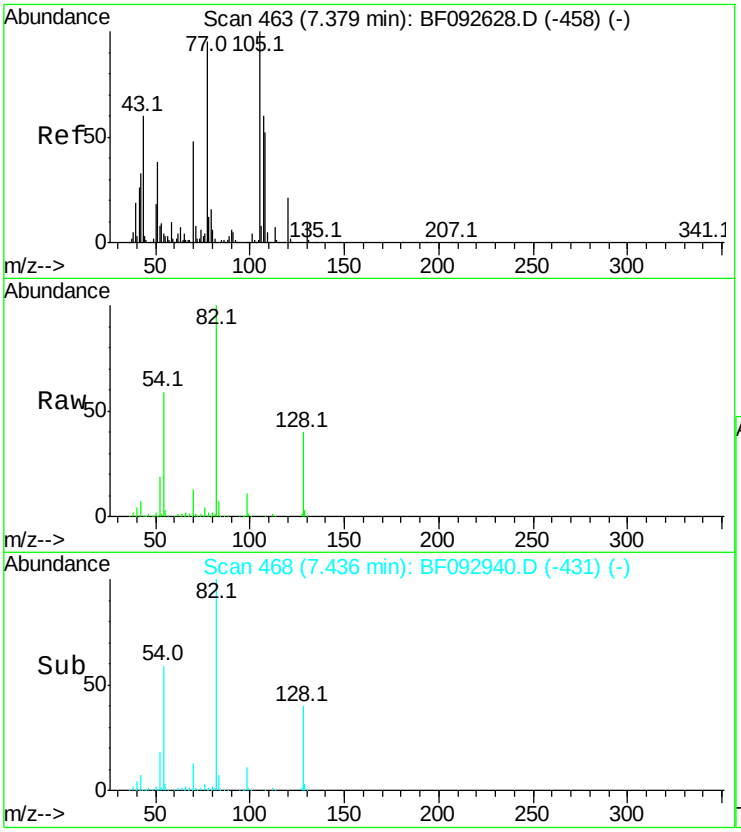




#9
Benzaldehyde
Concen: 2.63 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.22 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion: 77 Resp: 21889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 82.4 | 83.9 | 123.9# |
| 106 | 79.2 | 77.6 | 117.6 |



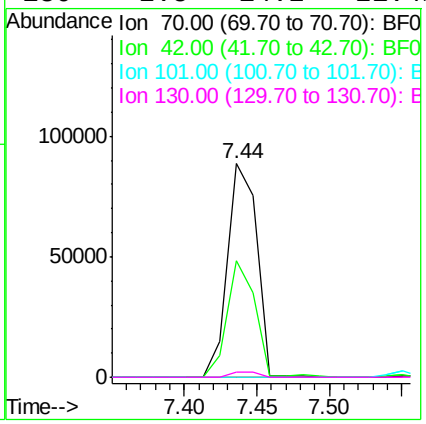


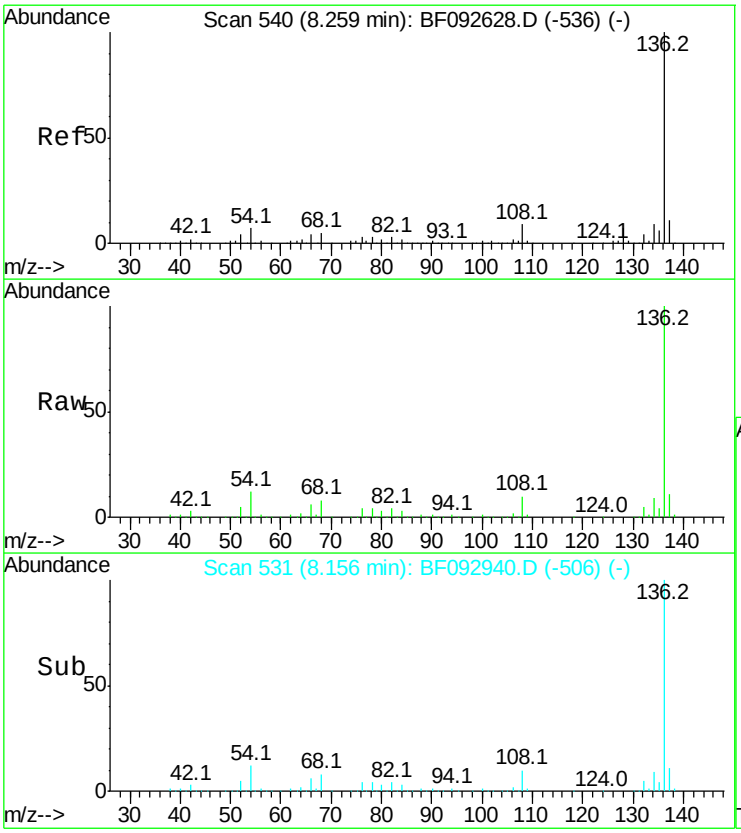

#19
n-Nitroso-di-n-propylamine
Concen: 16.75 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

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

Tgt Ion: 70 Resp: 123653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 54.5 | 49.4 | 74.0 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.5 | 14.2 | 21.4# |

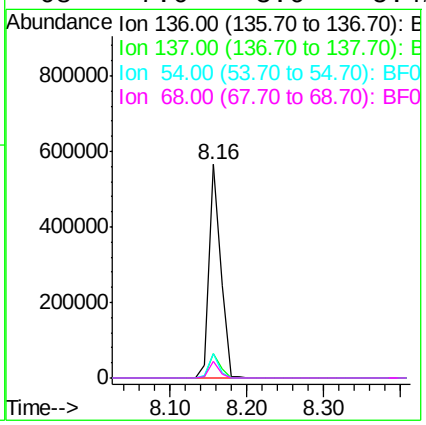


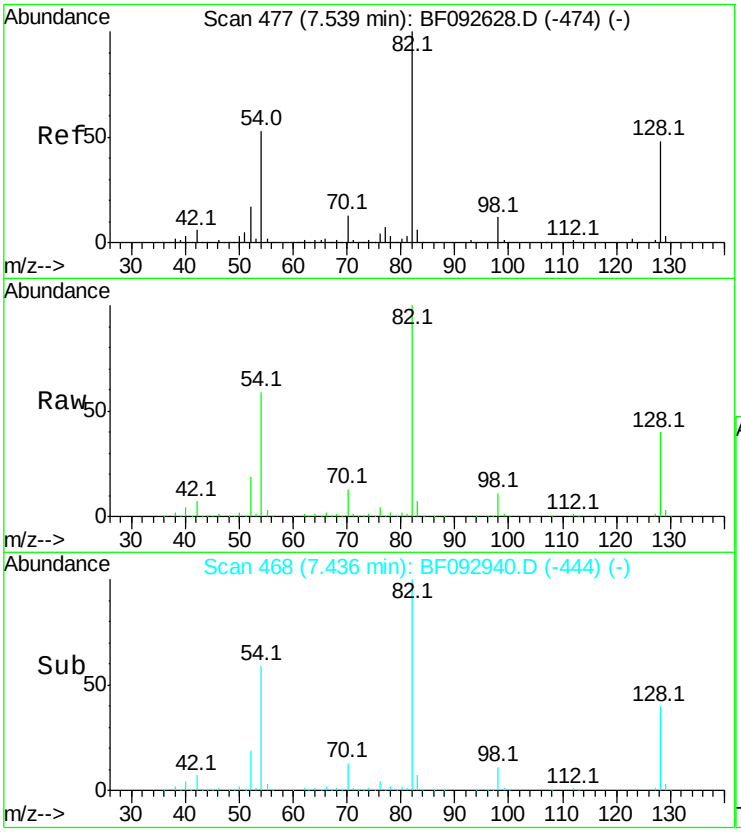




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion:136 Resp: 587399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.4 | 12.6 |
| 54 | 11.7 | 4.5 | 6.7# |
| 68 | 7.6 | 3.6 | 5.4# |



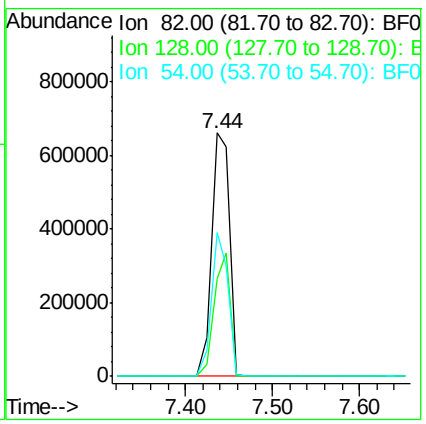


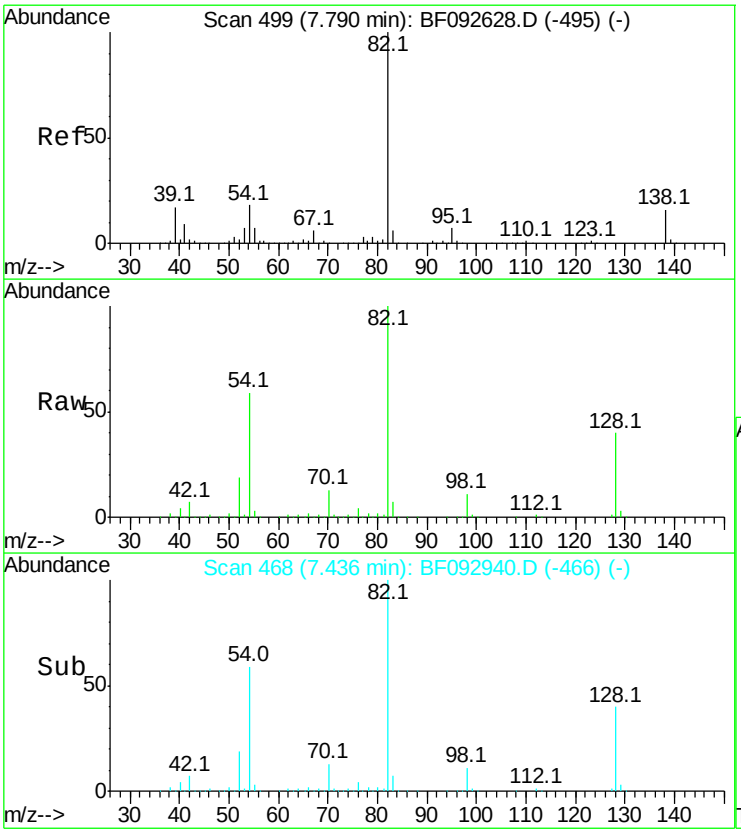

#23
Nitrobenzene-d5
Concen: 91.42 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

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

Tgt Ion: 82 Resp: 964262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.9 | 34.6 | 52.0 |
| 54 | 59.0 | 39.5 | 59.3 |

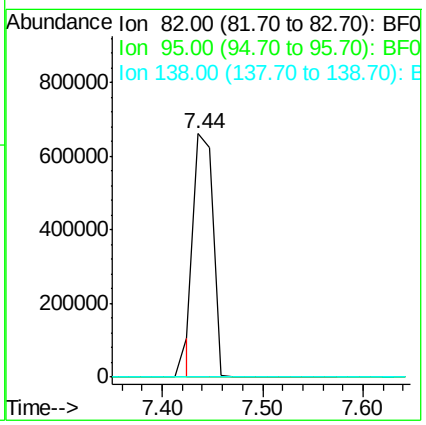


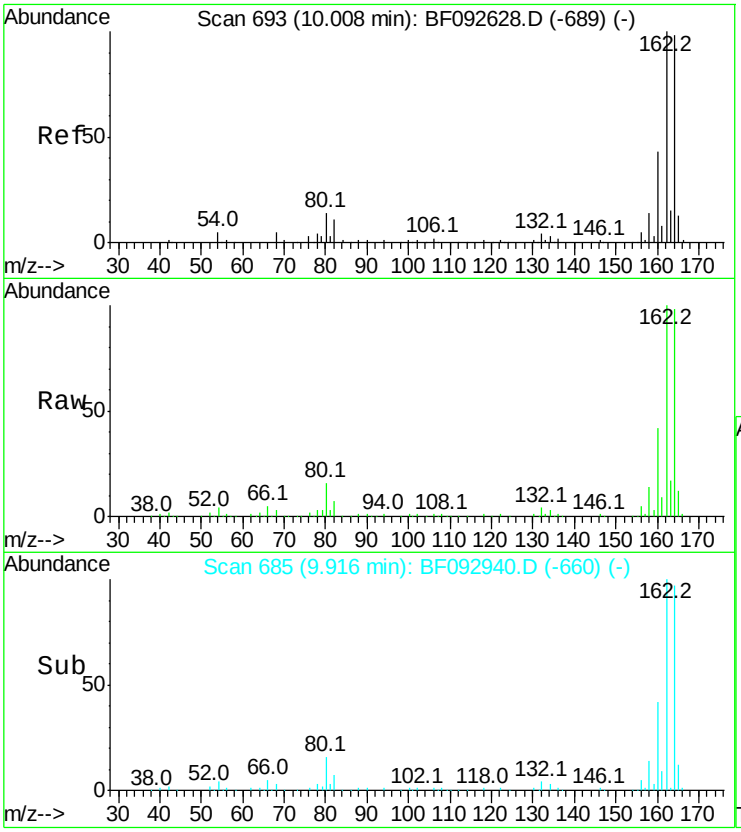




#25
Isophorone
Concen: 45.34 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.27 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion: 82 Resp: 891286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.6 | 8.4# |
| 138 | 0.0 | 14.6 | 22.0# |



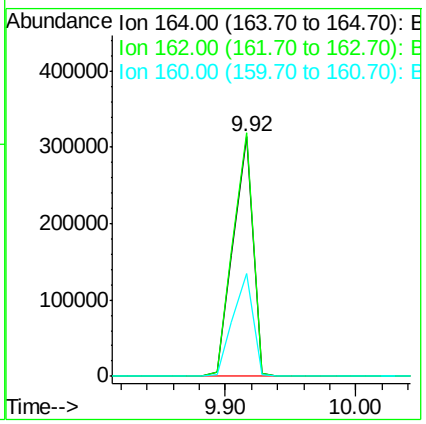


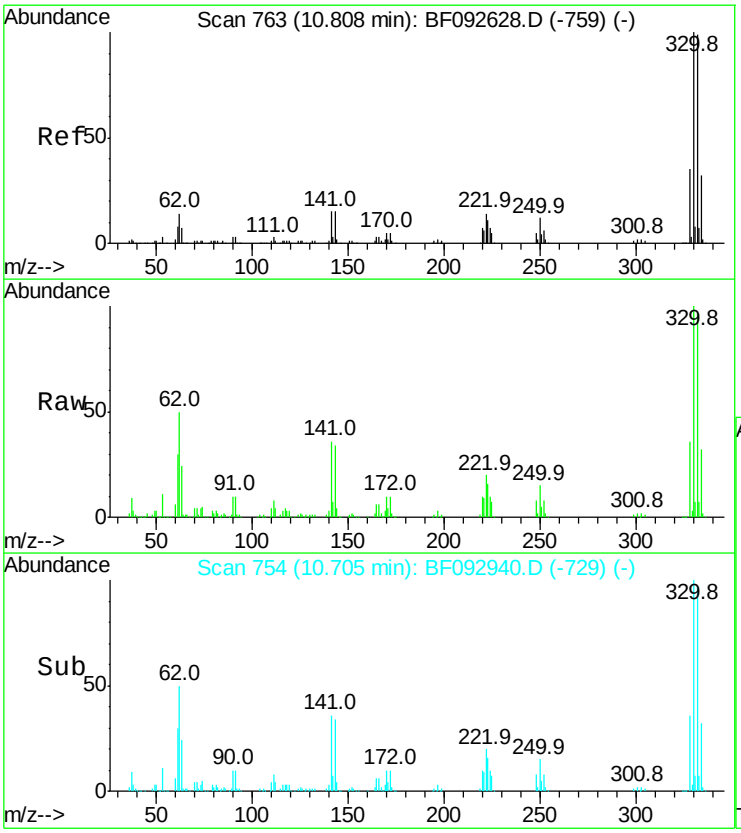

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

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

Tgt Ion:164 Resp: 331782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 80.2 | 120.2 |
| 160 | 42.9 | 36.9 | 55.3 |

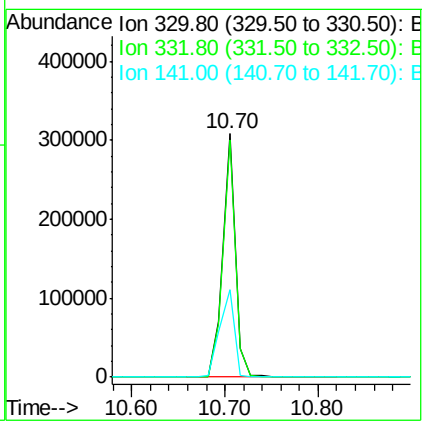


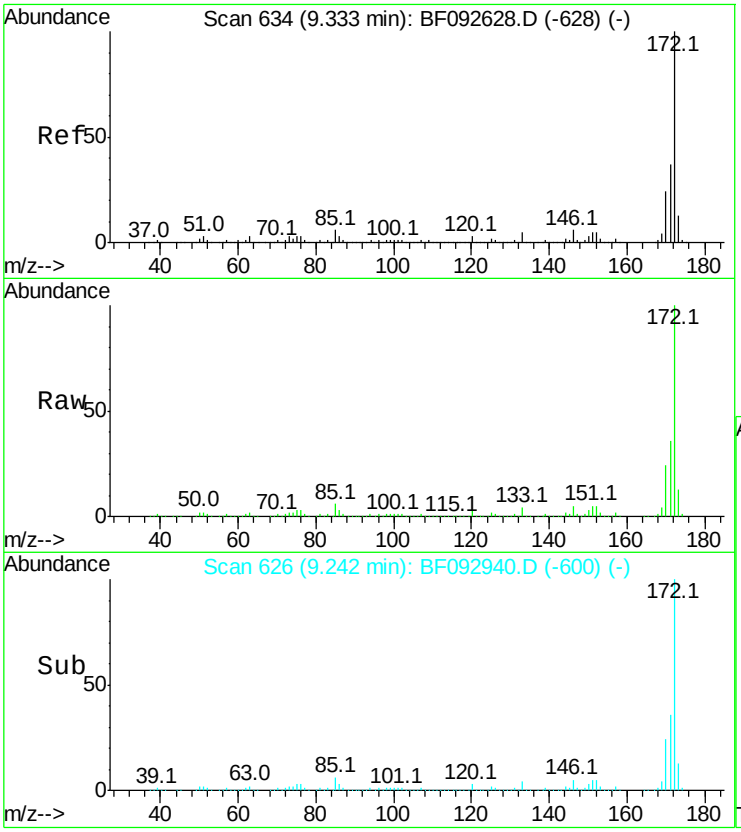




#41
2,4,6-Tribromophenol
Concen: 121.05 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion:330 Resp: 290489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 77.4 | 116.2 |
| 141 | 41.4 | 34.1 | 51.1 |



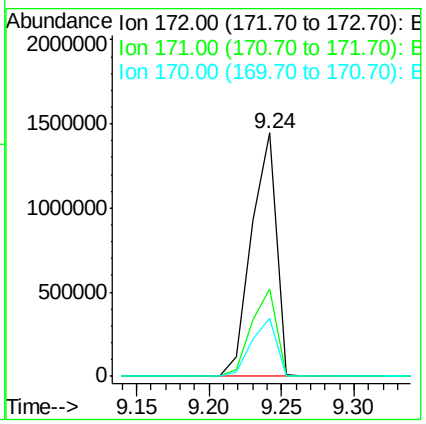


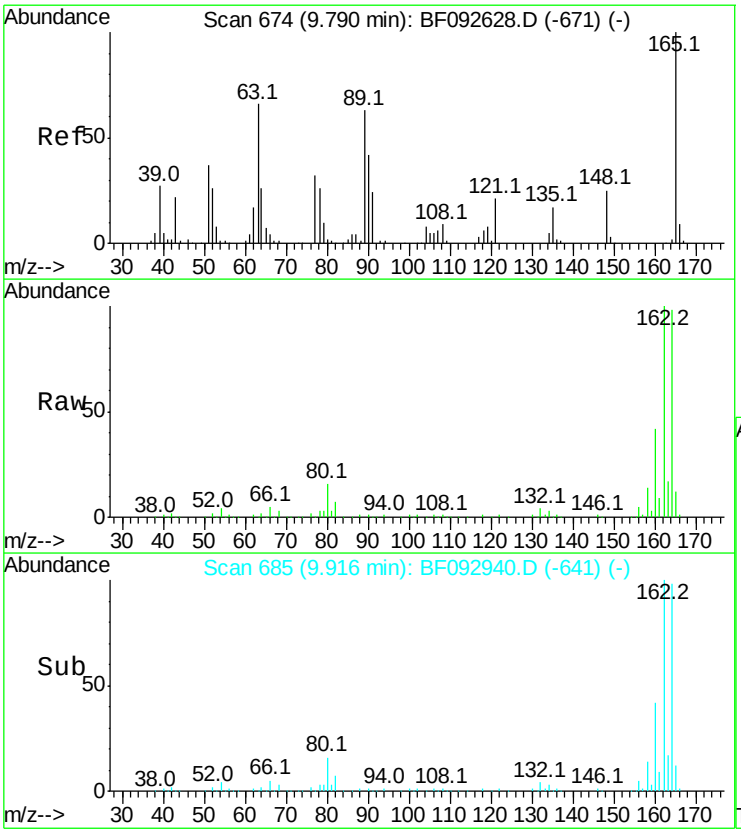

#44
2-Fluorobiphenyl
Concen: 94.13 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

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

Tgt Ion:172 Resp: 1723816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.4 | 44.0 |
| 170 | 24.0 | 20.2 | 30.4 |

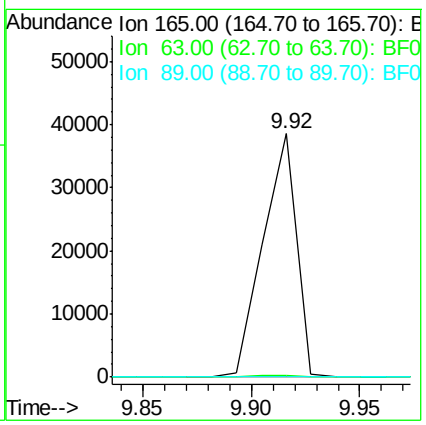


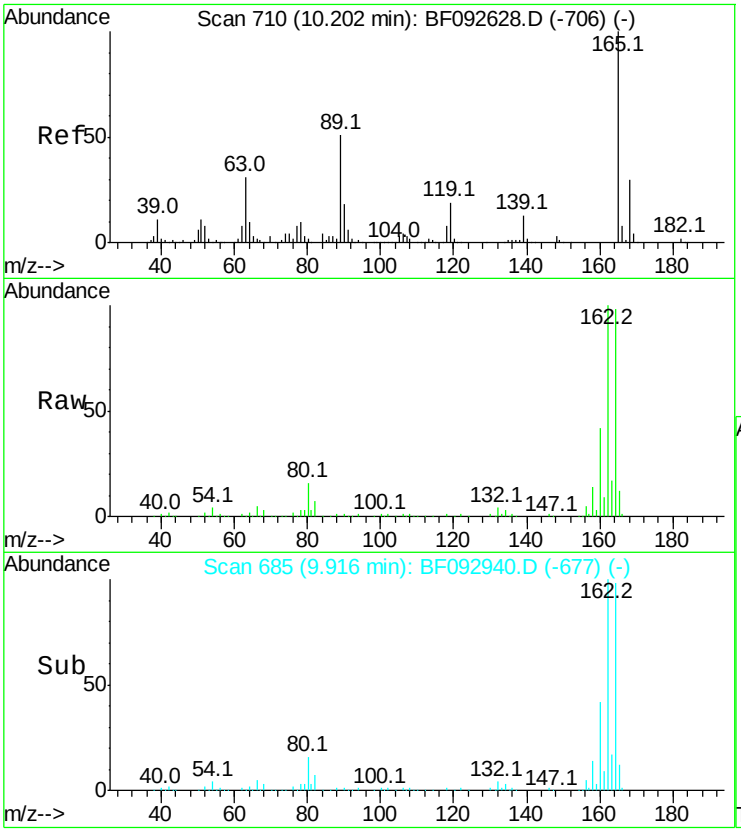




#50
2,6-Dinitrotoluene
Concen: 8.59 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.21 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion:165 Resp: 41457

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 36.2 | 54.4# |
| 89 | 0.0 | 40.2 | 60.4# |



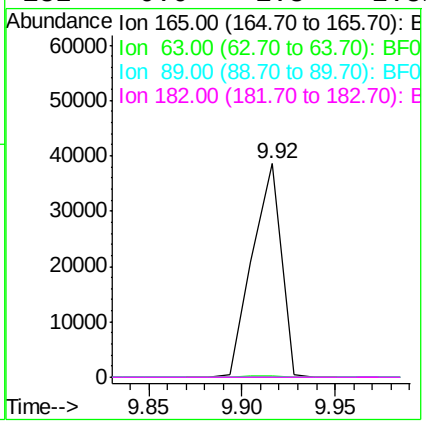


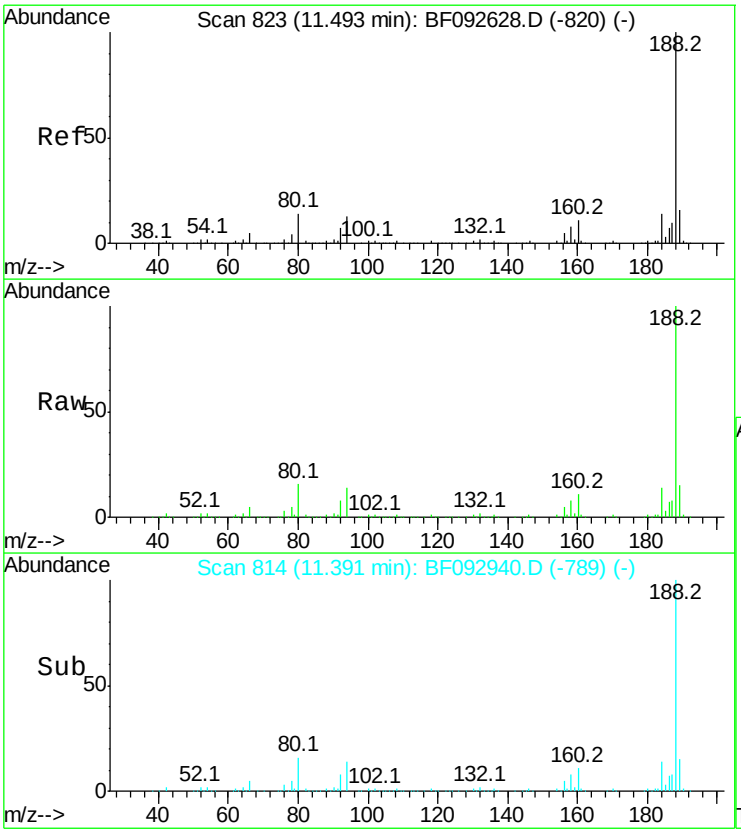

#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.21 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

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

Tgt Ion:165 Resp: 41460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 40.2 | 60.4# |
| 89 | 0.0 | 62.5 | 93.7# |
| 182 | 0.0 | 1.8 | 2.8# |

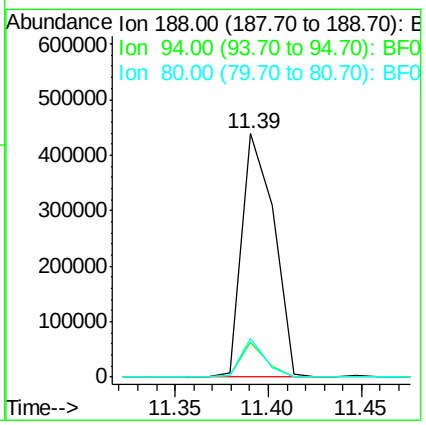


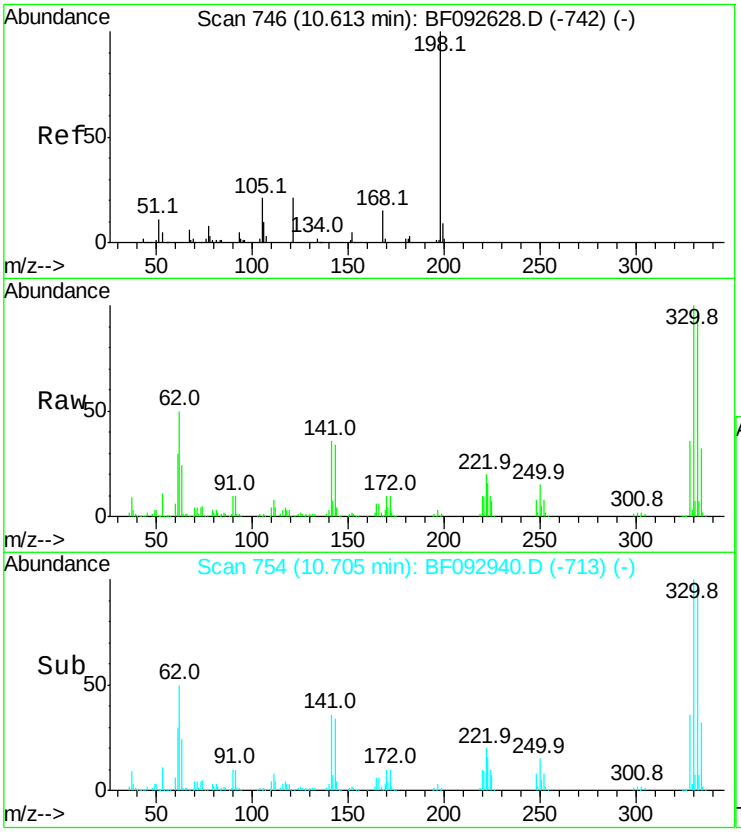




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion:188 Resp: 523766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 14.2 | 10.0 | 15.0 |
| 80 | 15.8 | 11.2 | 16.8 |



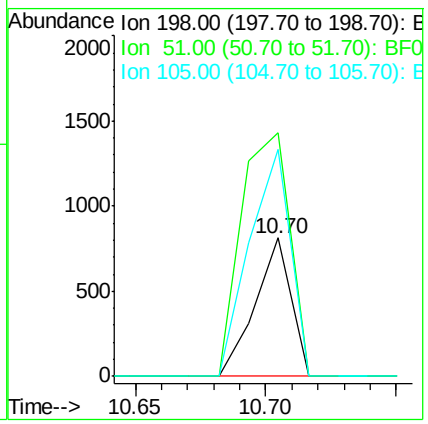


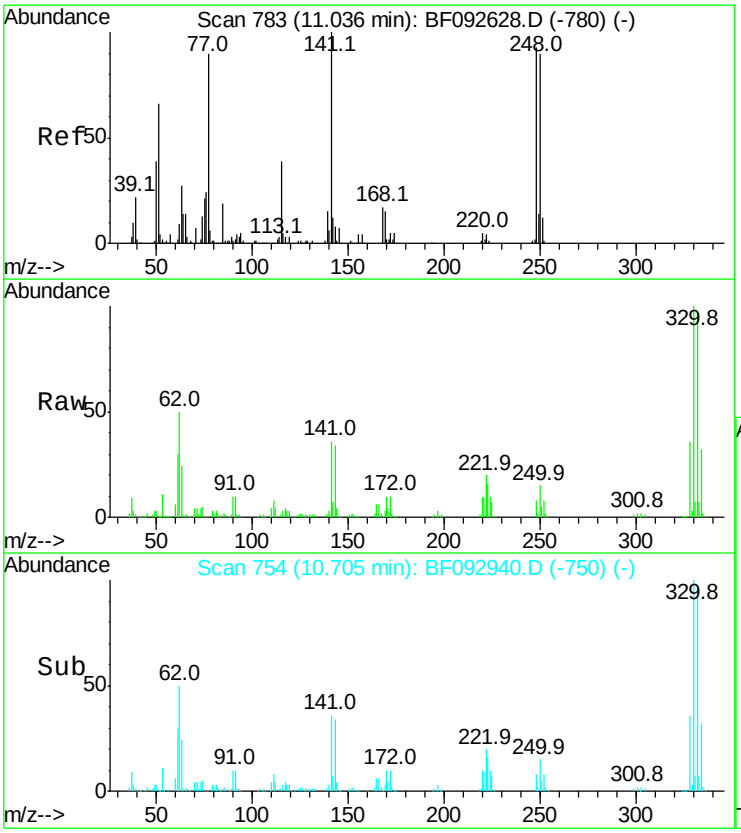

#64
4,6-Dinitro-2-methylphenol
Concen: 2.90 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.17 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

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

Tgt Ion:198 Resp: 769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 176.0 | 6.7 | 46.7# |
| 105 | 163.7 | 16.6 | 56.6# |

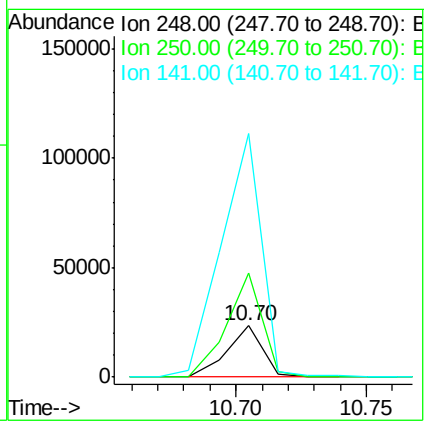


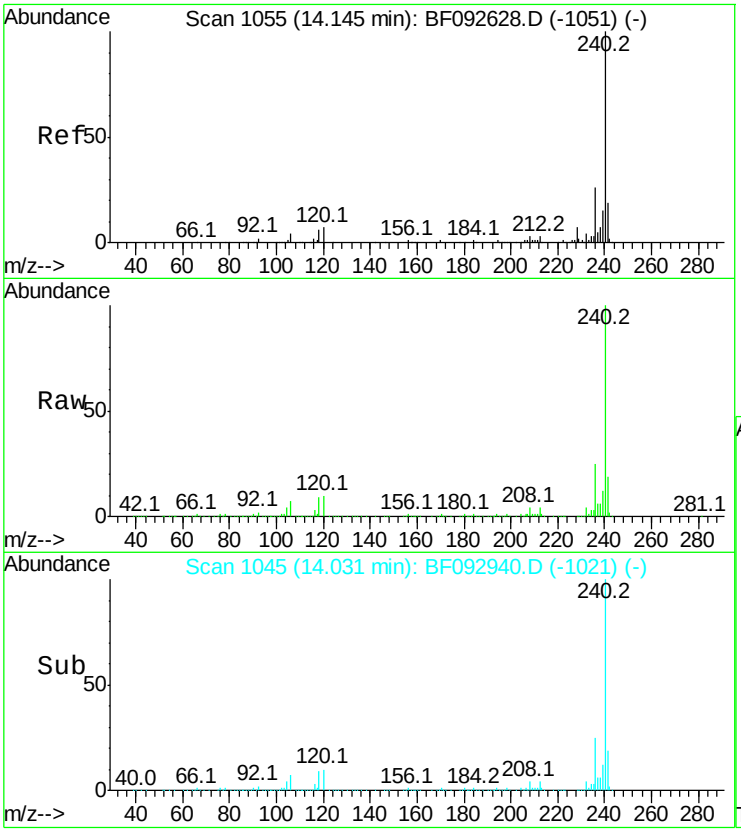




#66
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion:248 Resp: 22235

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 202.0 | 76.9 | 115.3# |
| 141 | 472.8 | 68.2 | 102.4# |



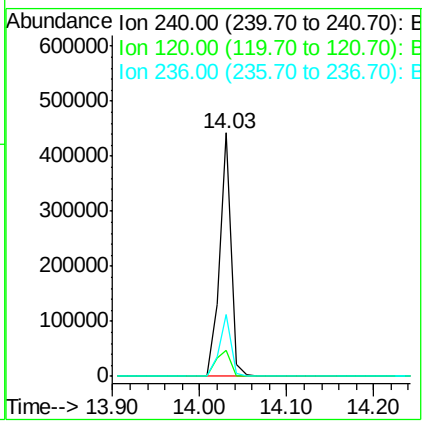


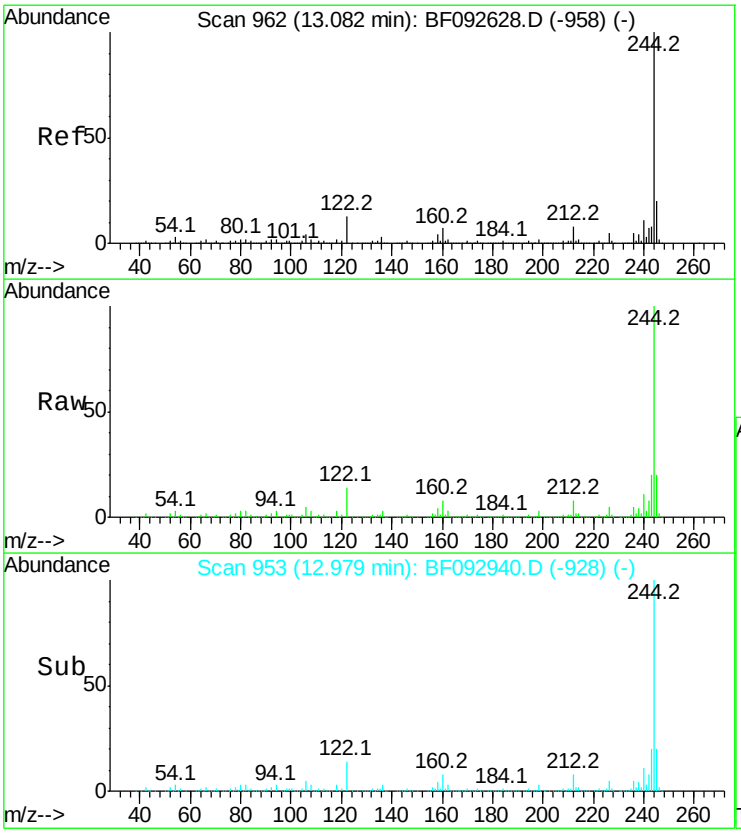

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

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

Tgt Ion:240 Resp: 415227

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.5 | 12.9 | 19.3# |
| 236 | 25.5 | 20.9 | 31.3 |

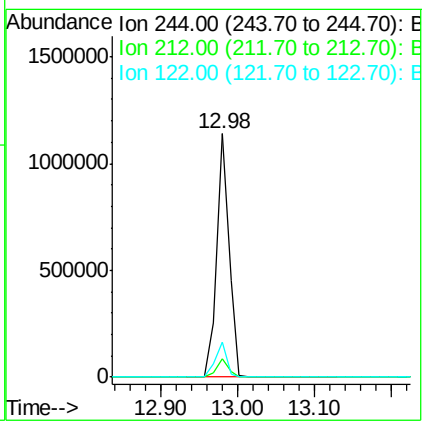


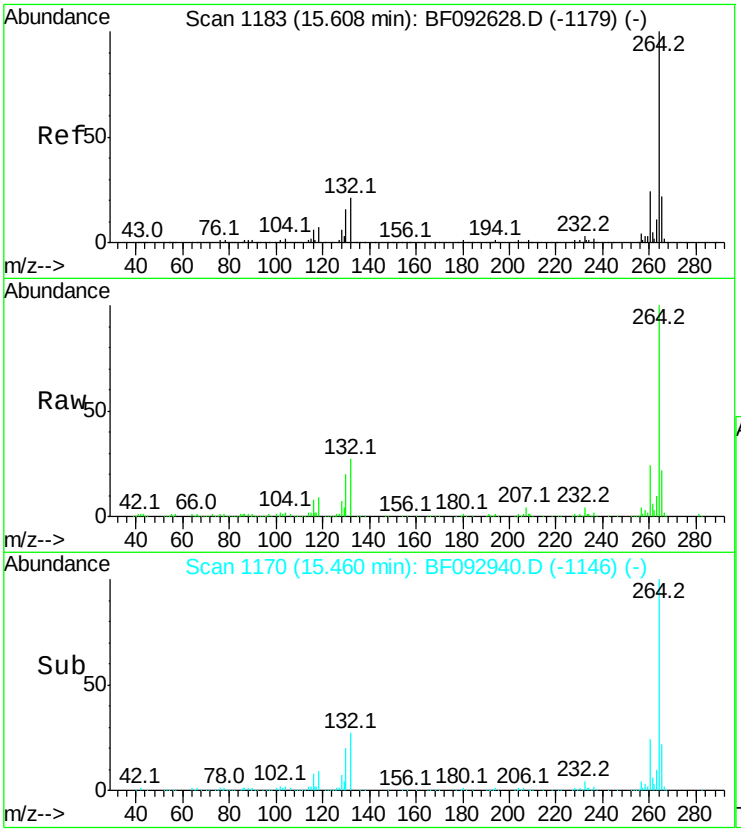




#78
Terphenyl-d14
Concen: 72.41 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

Tgt Ion:244 Resp: 1279562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 6.2 | 9.2 |
| 122 | 14.3 | 11.4 | 17.2 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092940.D
Acq: 14 Feb 2017 13:32

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

Tgt Ion:264 Resp: 290287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.2 | 28.8 |
| 265 | 22.1 | 17.4 | 26.0 |