Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101280.D
Acq On : 11 Dec 2017 11:07
Operator : SJ/JU
Sample : PB104879BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Dec 11 12:19:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.83 | 152 | 43706 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.11 | 136 | 175060 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.87 | 164 | 86028 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.36 | 188 | 172109 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 14.01 | 240 | 132810 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.49 | 264 | 95732 | 20.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 369817 | 139.82 | ng | | 0.02 |
| 7) Phenol-d6 | 6.47 | 99 | 438300 | 136.49 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 7.40 | 82 | 272845 | 92.97 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.67 | 330 | 115892 | 112.14 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.19 | 172 | 612322 | 97.38 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.95 | 244 | 661228 | 108.90 | ng | | 0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.60 | 77 | 8066 | 4.104 | ng | | 84 |
| 19) n-Nitroso-di-n-propylamine | 7.40 | 70 | 36617 | 16.932 | ng | # | 82 |
| 25) Isophorone | 7.40 | 82 | 272882 | 54.438 | ng | # | 64 |
| 50) 2,6-Dinitrotoluene | 9.87 | 165 | 10814 | 7.400 | ng | # | 25 |
| 56) 2,4-Dinitrotoluene | 9.87 | 165 | 10814 | 5.522 | ng | # | 23 |
| 66) 4-Bromophenyl-phenylether | 10.67 | 248 | 7911 | 4.106 | ng | # | 1 |

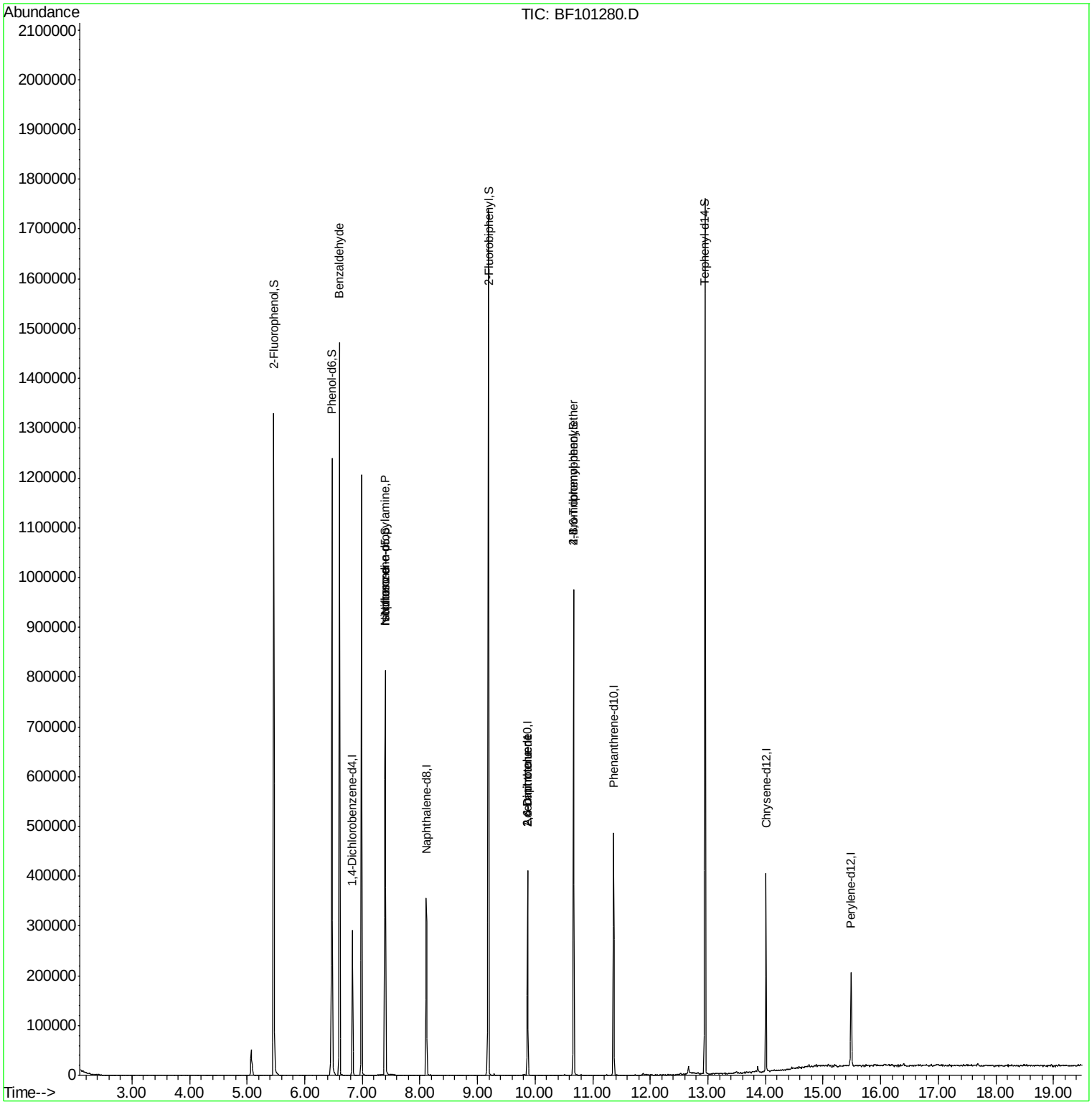
(#) = qualifier out of range (m) = manual integration (+) = signals summed

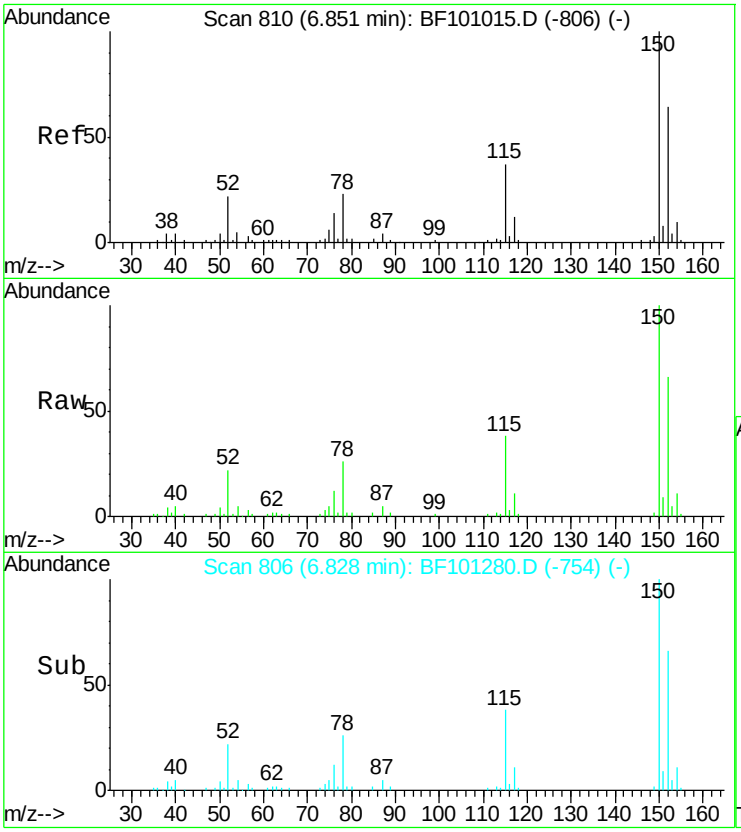
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101280.D
Acq On : 11 Dec 2017 11:07
Operator : SJ/JU
Sample : PB104879BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Dec 11 12:19:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



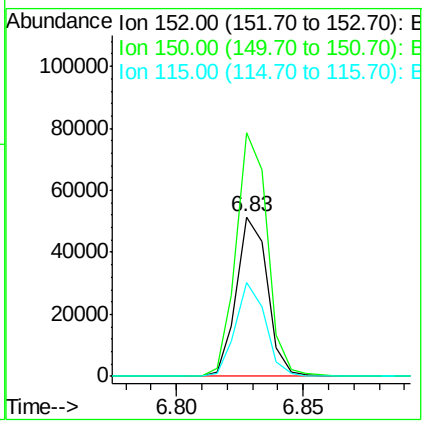


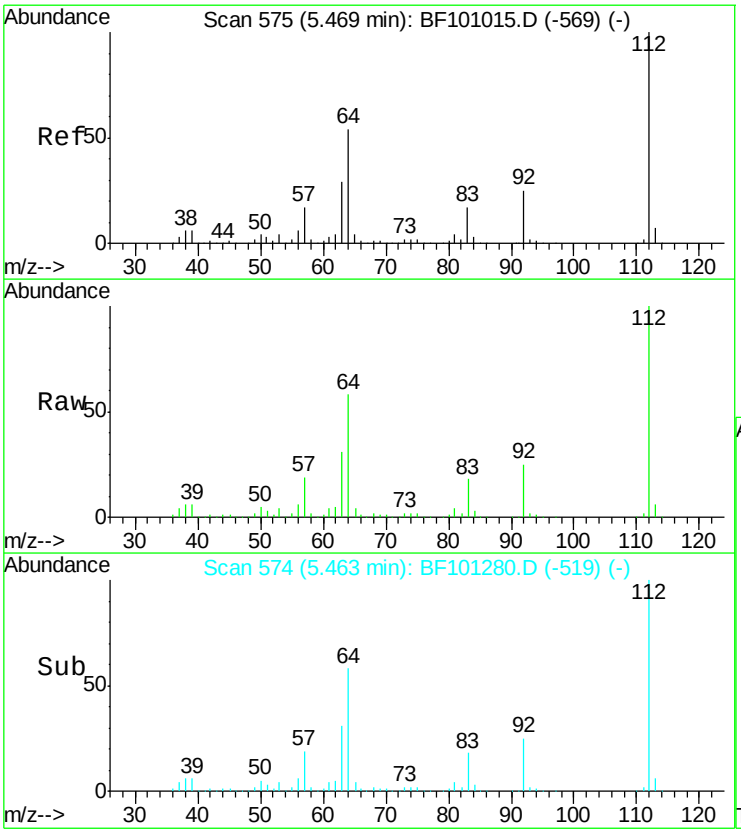

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

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

Tgt Ion:152 Resp: 43706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.6 | 124.6 | 186.8 |
| 115 | 58.7 | 50.1 | 75.1 |

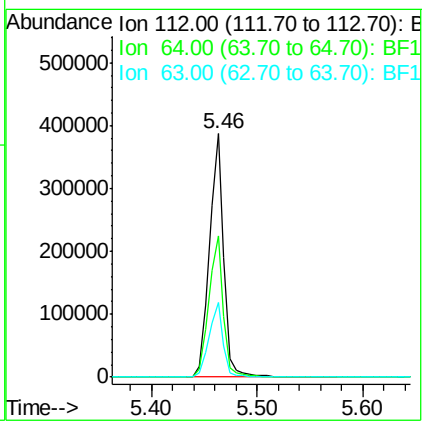


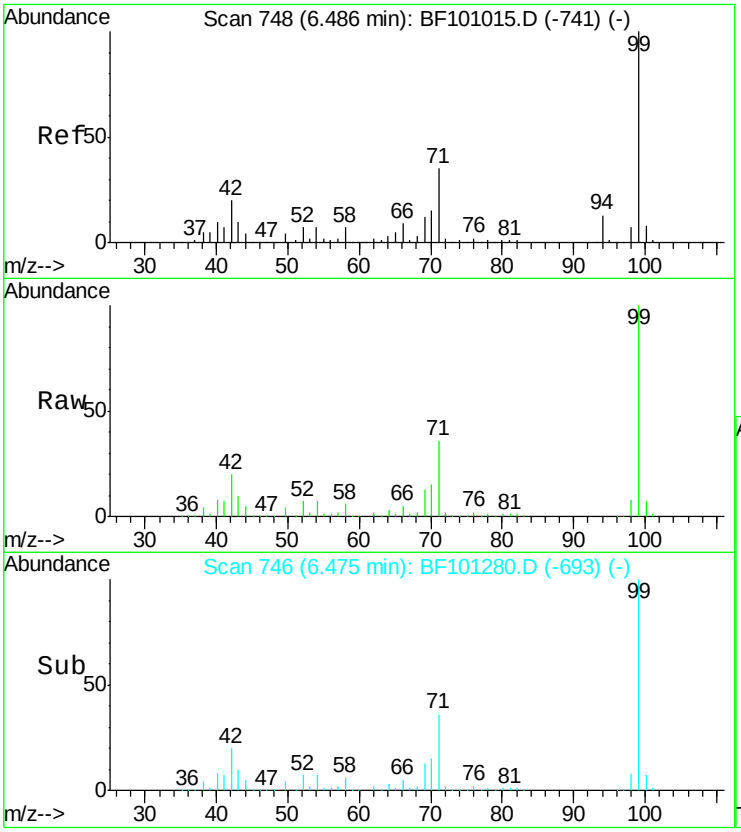




#5
2-Fluorophenol
Concen: 139.821 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

Tgt Ion:112 Resp: 369817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.1 | 47.9 | 71.9 |
| 63 | 30.8 | 23.7 | 35.5 |



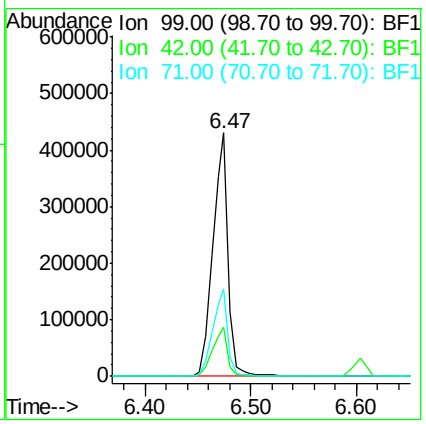


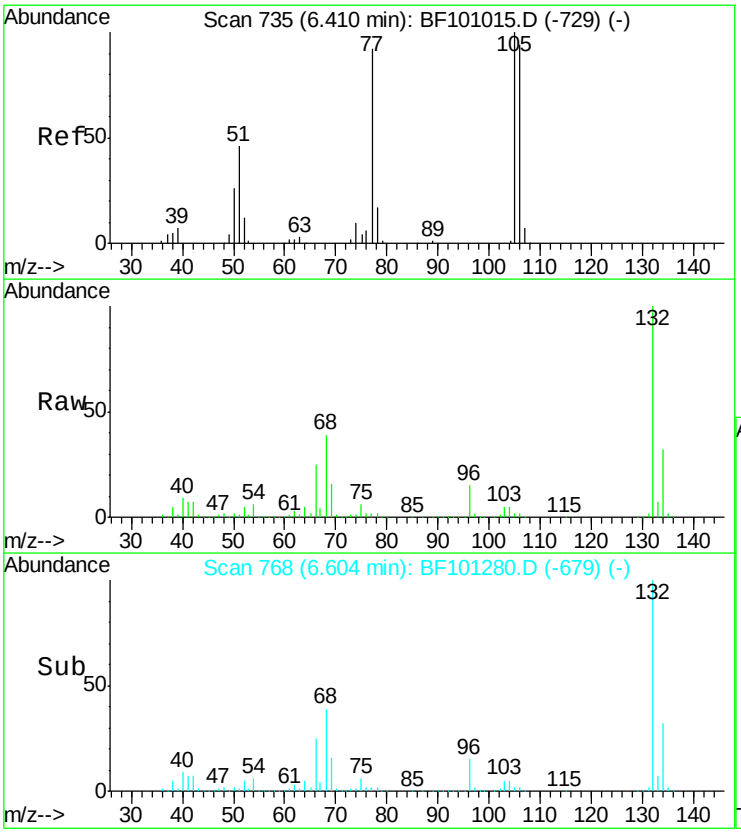

#7
Phenol-d6
Concen: 136.491 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

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

Tgt Ion: 99 Resp: 438300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.1 | 14.5 | 21.7 |
| 71 | 35.7 | 25.4 | 38.0 |

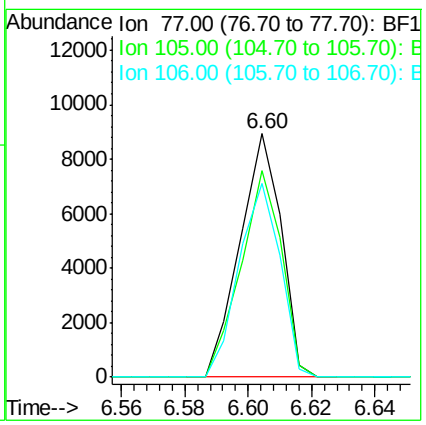


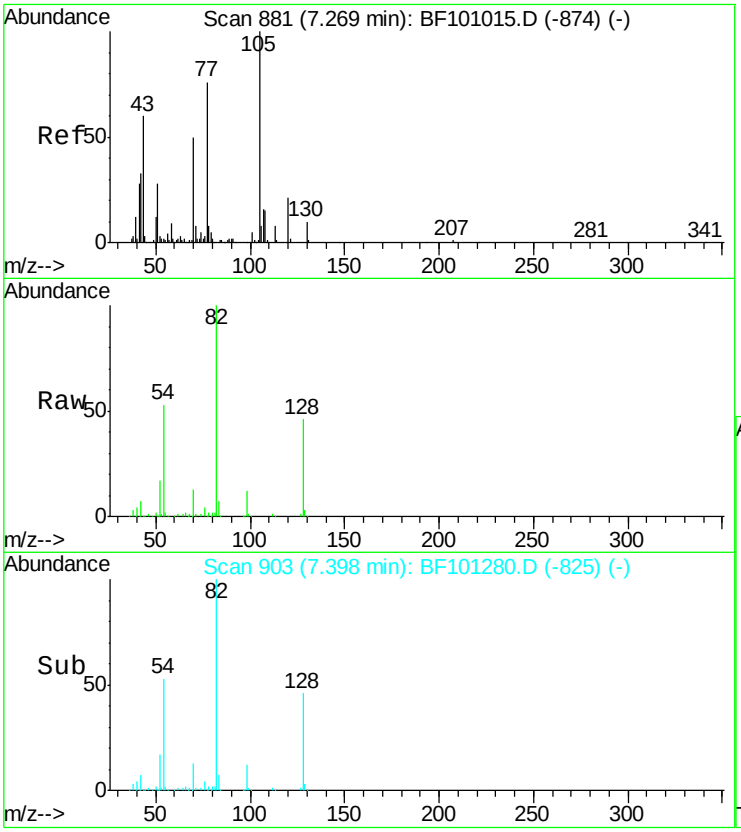




#9
Benzaldehyde
Concen: 4.104 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.22 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

Tgt Ion: 77 Resp: 8066

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 84.9 | 81.1 | 121.1 |
| 106 | 79.7 | 74.5 | 114.5 |



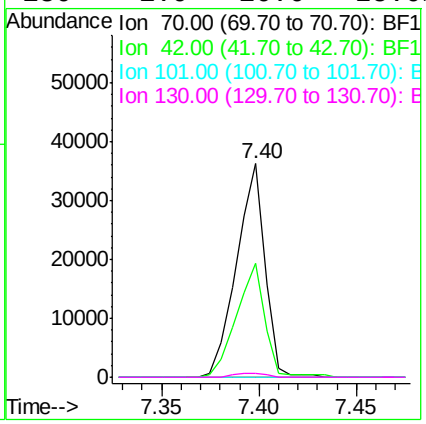


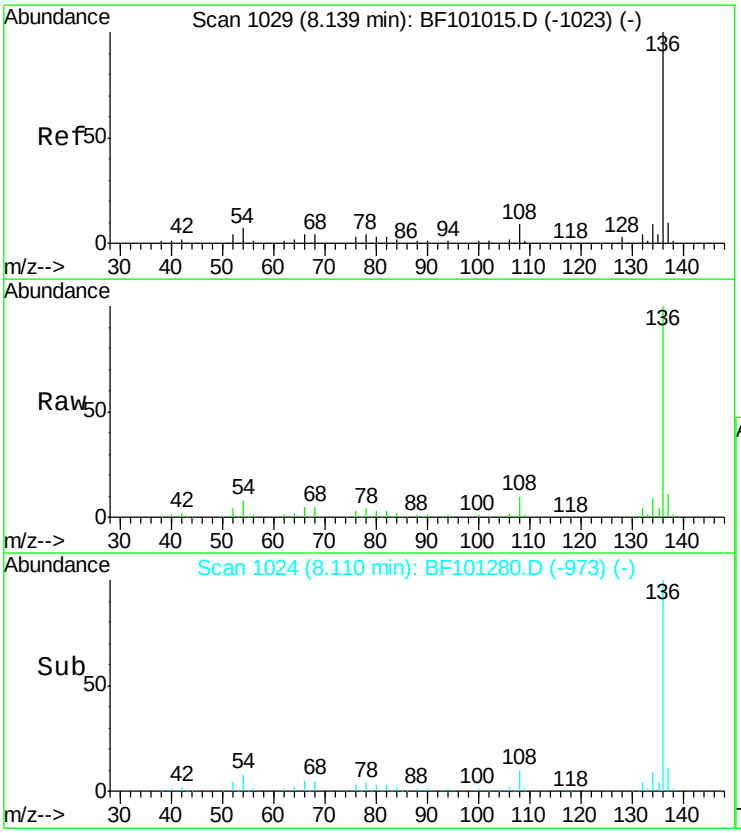

#19
n-Nitroso-di-n-propylamine
Concen: 16.932 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.16 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

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

Tgt Ion: 70 Resp: 36617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 53.2 | 47.5 | 71.3 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 1.9 | 16.6 | 25.0# |

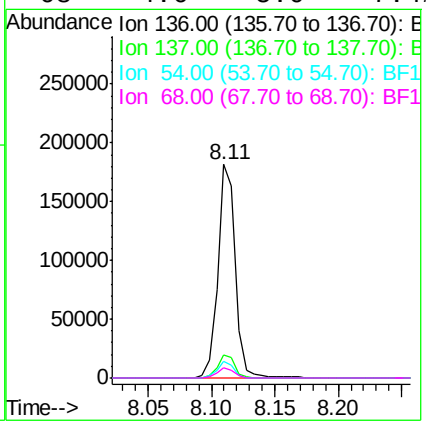


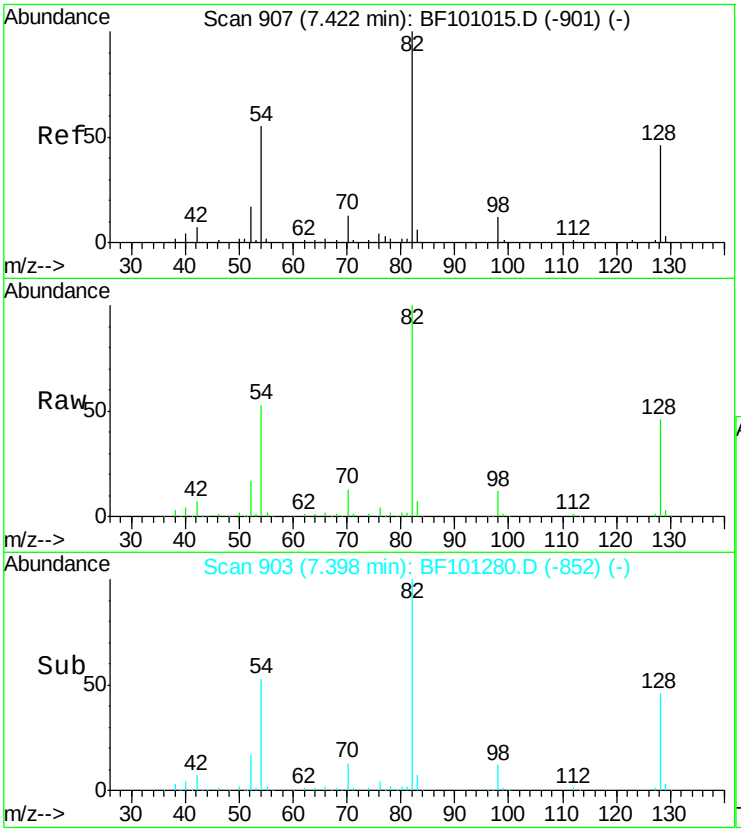




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

Tgt Ion:136 Resp: 175060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.9 | 13.3 |
| 54 | 8.0 | 6.6 | 9.8 |
| 68 | 4.6 | 5.0 | 7.4# |



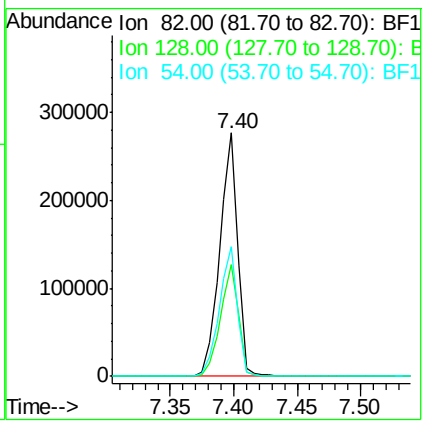


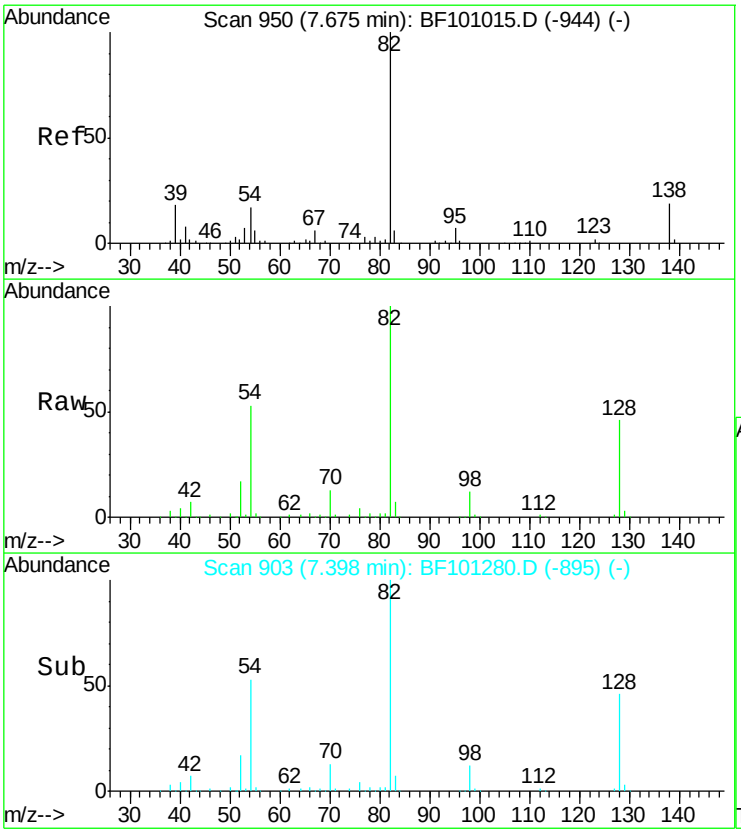

#23
Nitrobenzene-d5
Concen: 92.974 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

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

Tgt Ion: 82 Resp: 272845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.1 | 36.1 | 54.1 |
| 54 | 53.2 | 41.4 | 62.2 |

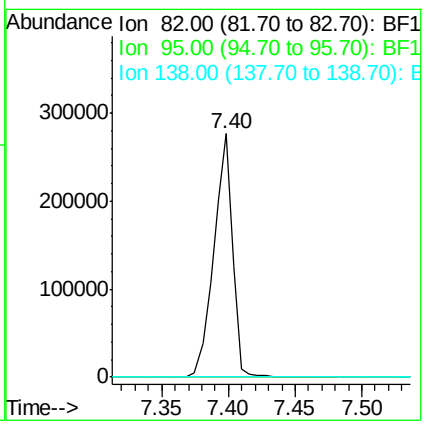


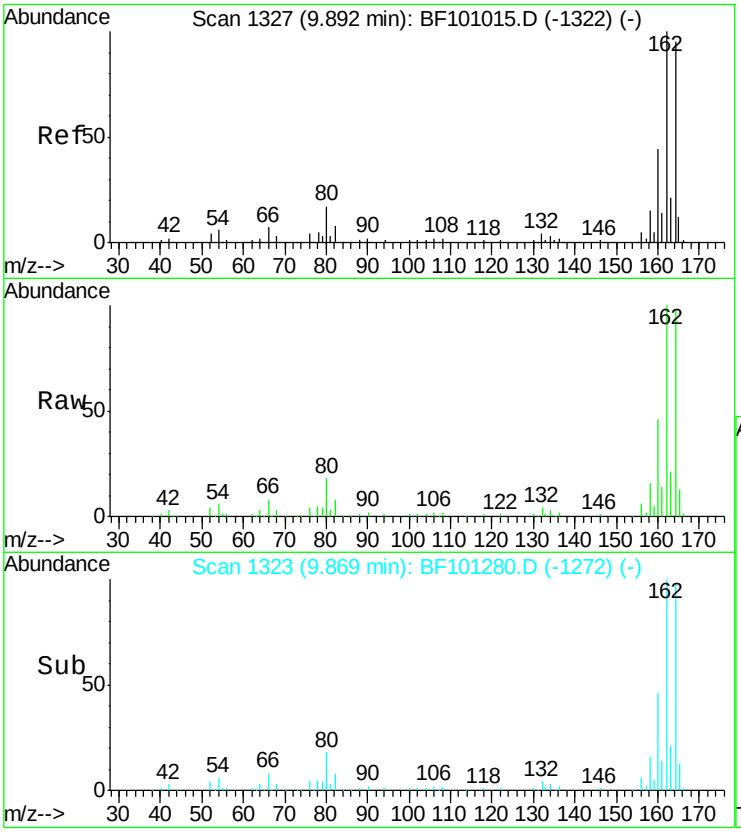




#25
Isophorone
Concen: 54.438 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.25 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

Tgt Ion: 82 Resp: 272882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.2 | 7.8# |
| 138 | 0.0 | 14.9 | 22.3# |



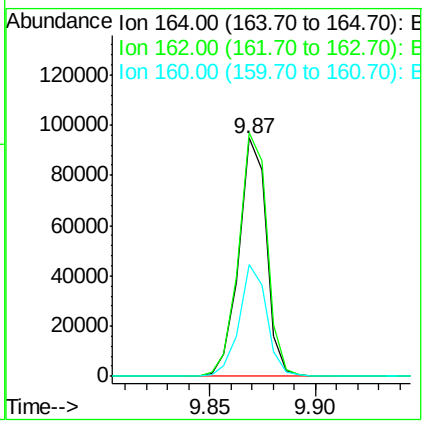


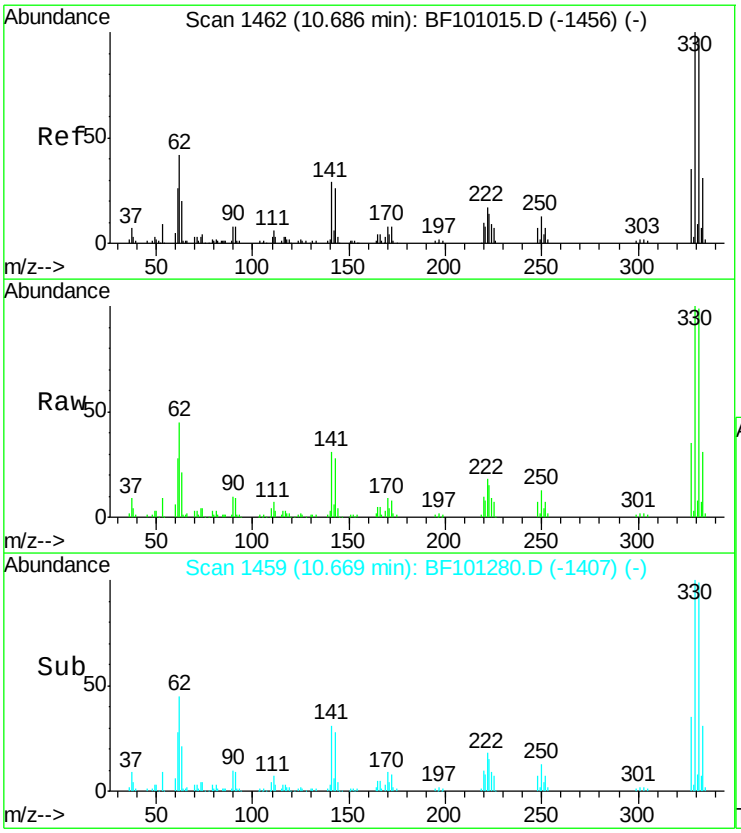

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

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

Tgt Ion:164 Resp: 86028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 86.1 | 129.1 |
| 160 | 46.6 | 38.3 | 57.5 |

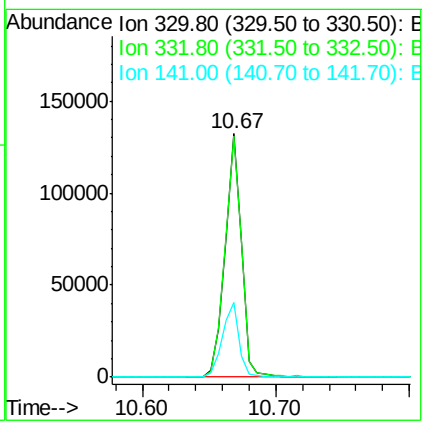


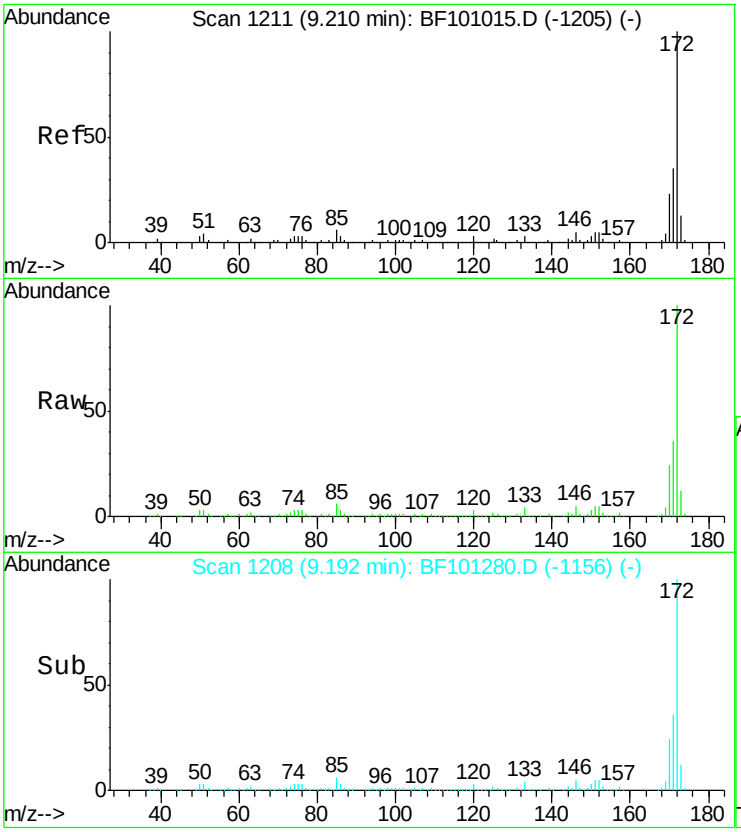




#41
2,4,6-Tribromophenol
Concen: 112.142 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

Tgt Ion:330 Resp: 115892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.6 | 77.0 | 115.6 |
| 141 | 30.6 | 29.9 | 44.9 |



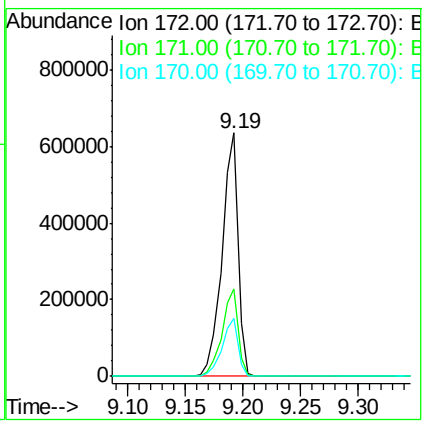


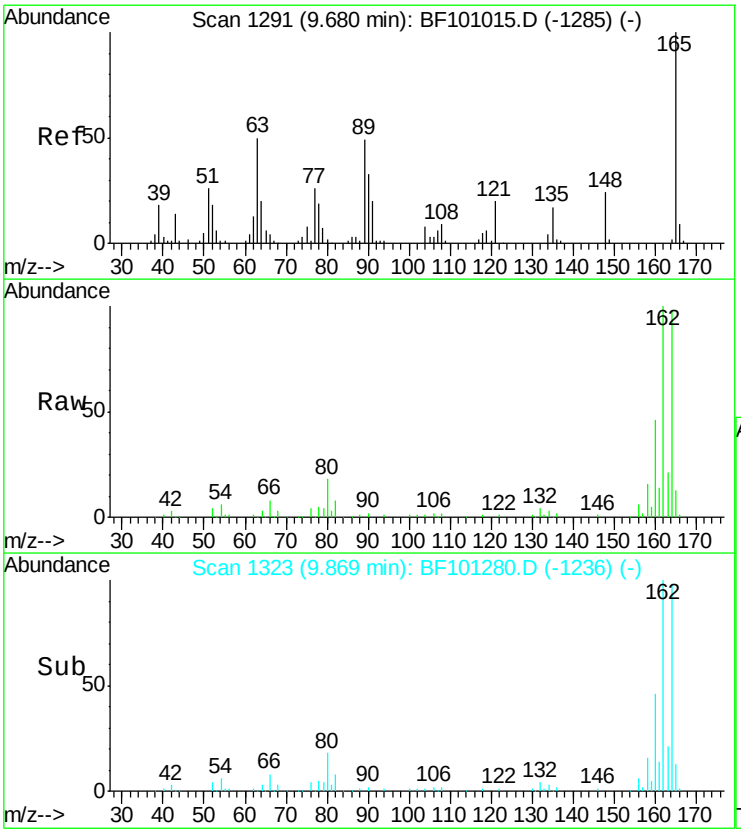

#44
2-Fluorobiphenyl
Concen: 97.384 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

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

Tgt Ion:172 Resp: 612322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.7 | 44.5 |
| 170 | 23.7 | 19.6 | 29.4 |

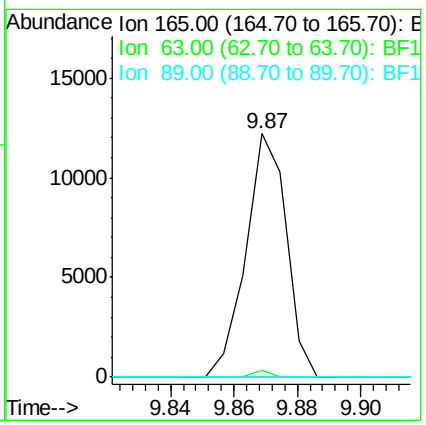


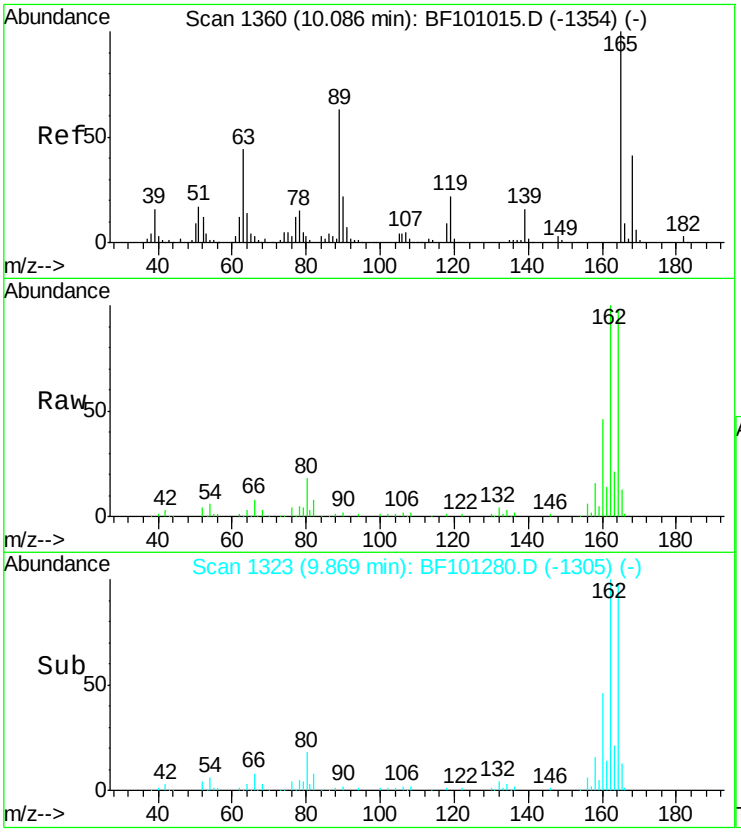




#50
2,6-Dinitrotoluene
Concen: 7.400 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.21 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

Tgt Ion:165 Resp: 10814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.7 | 44.7 | 67.1# |
| 89 | 0.0 | 44.0 | 66.0# |



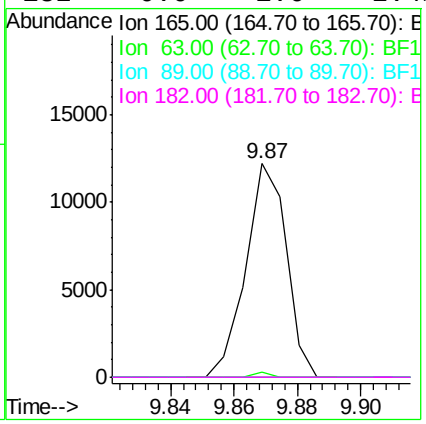


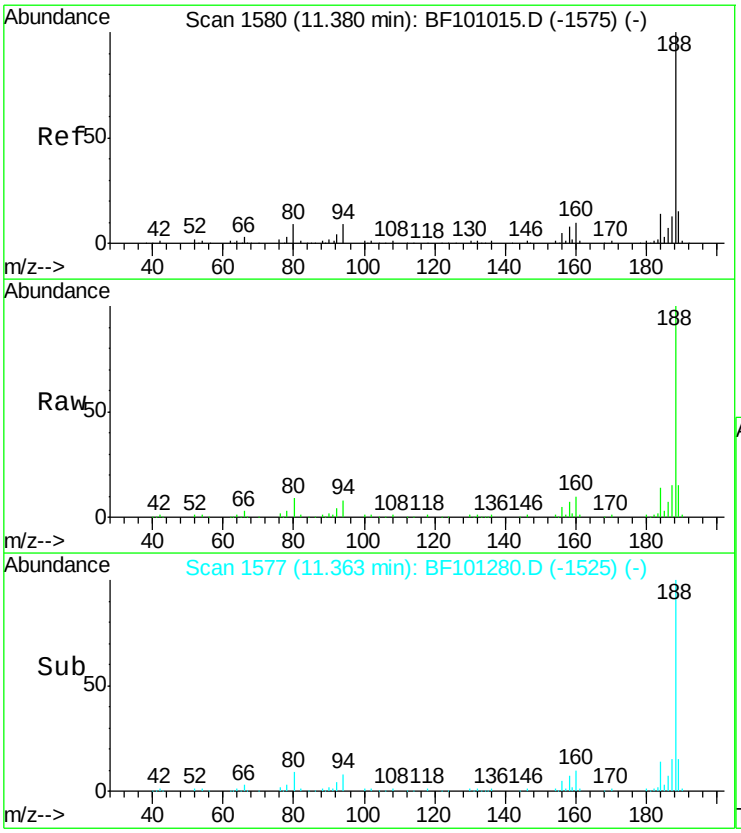

#56
2,4-Dinitrotoluene
Concen: 5.522 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

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

Tgt Ion:165 Resp: 10814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.7 | 36.4 | 54.6# |
| 89 | 0.0 | 57.8 | 86.6# |
| 182 | 0.0 | 1.6 | 2.4# |

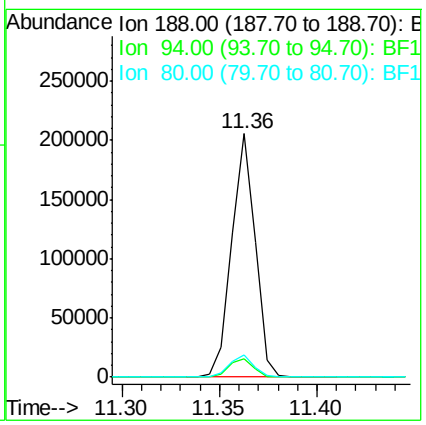


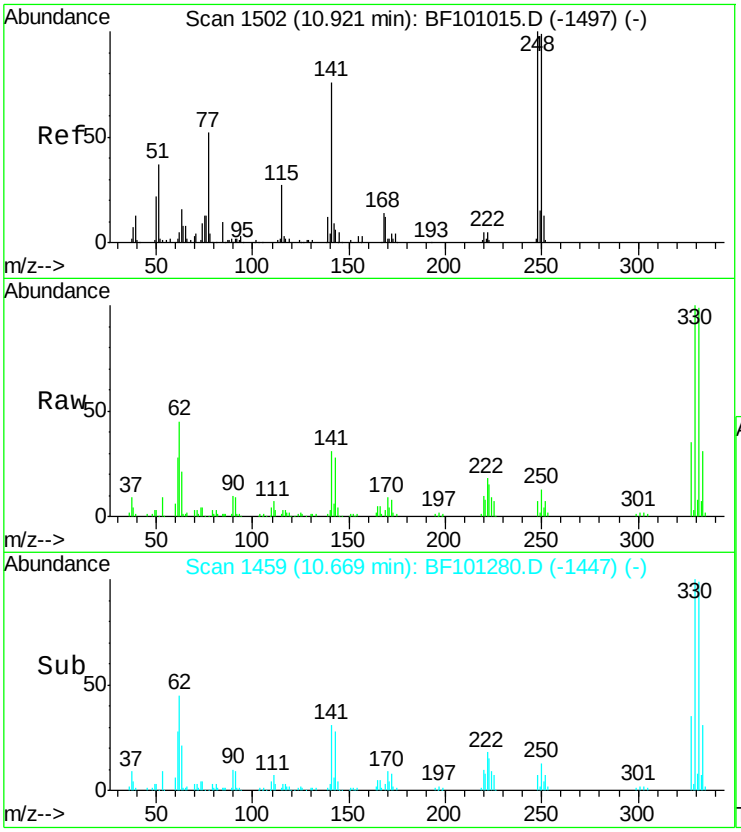




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

Tgt Ion:188 Resp: 172109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.8 | 8.5 | 12.7# |
| 80 | 9.2 | 9.2 | 13.8 |



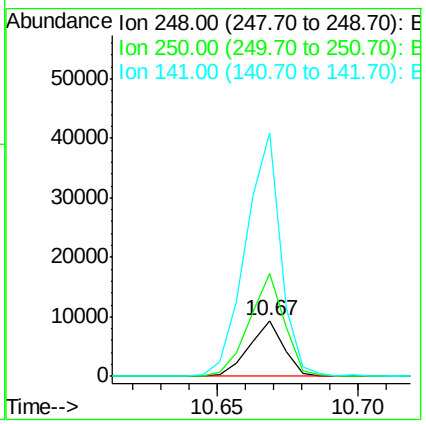


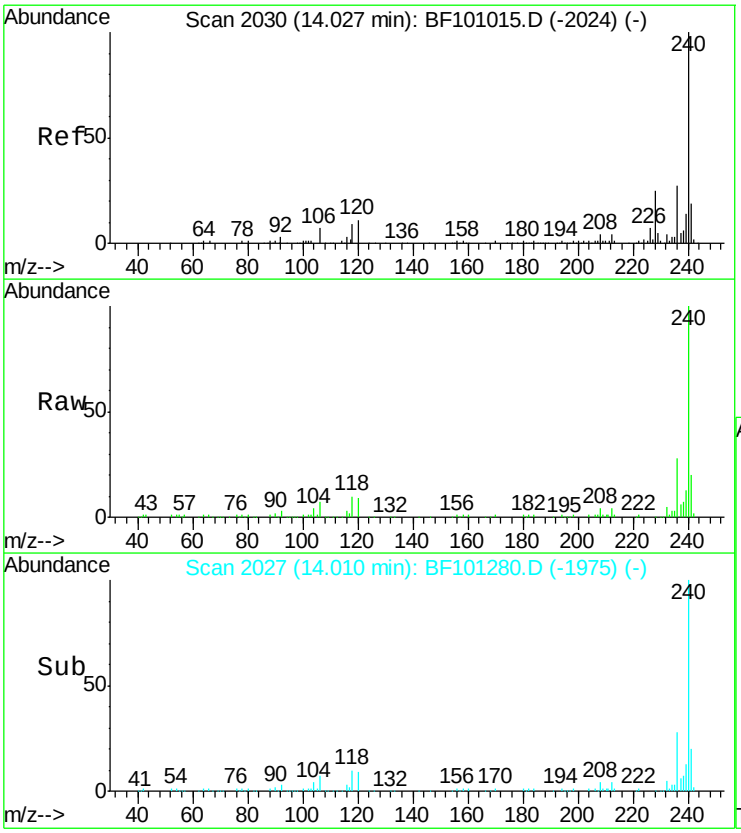

#66
4-Bromophenyl-phenylether
Concen: 4.106 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.23 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

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

Tgt Ion:248 Resp: 7911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 183.3 | 76.9 | 115.3# |
| 141 | 434.4 | 74.4 | 111.6# |

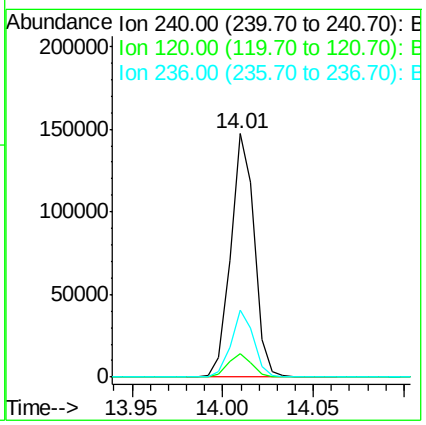


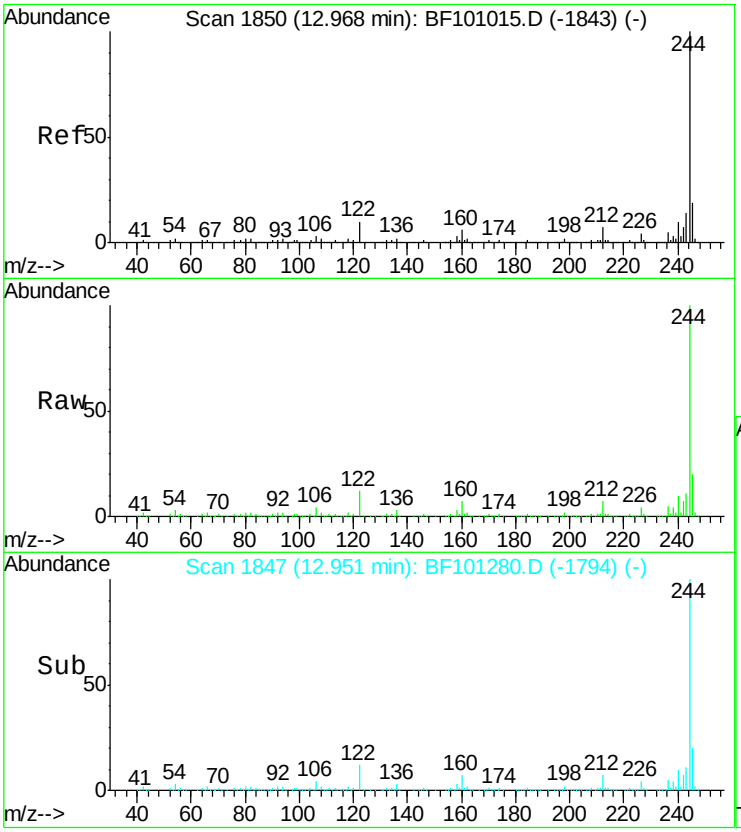




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

Tgt Ion:240 Resp: 132810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.5 | 9.5 | 14.3# |
| 236 | 27.6 | 20.7 | 31.1 |



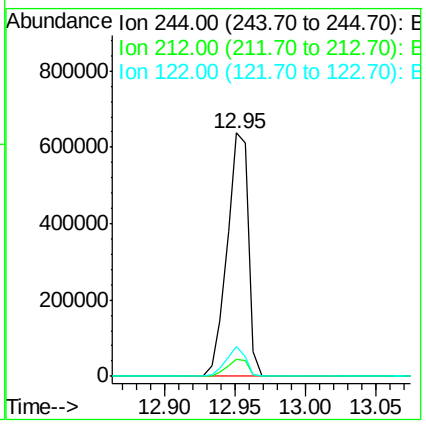


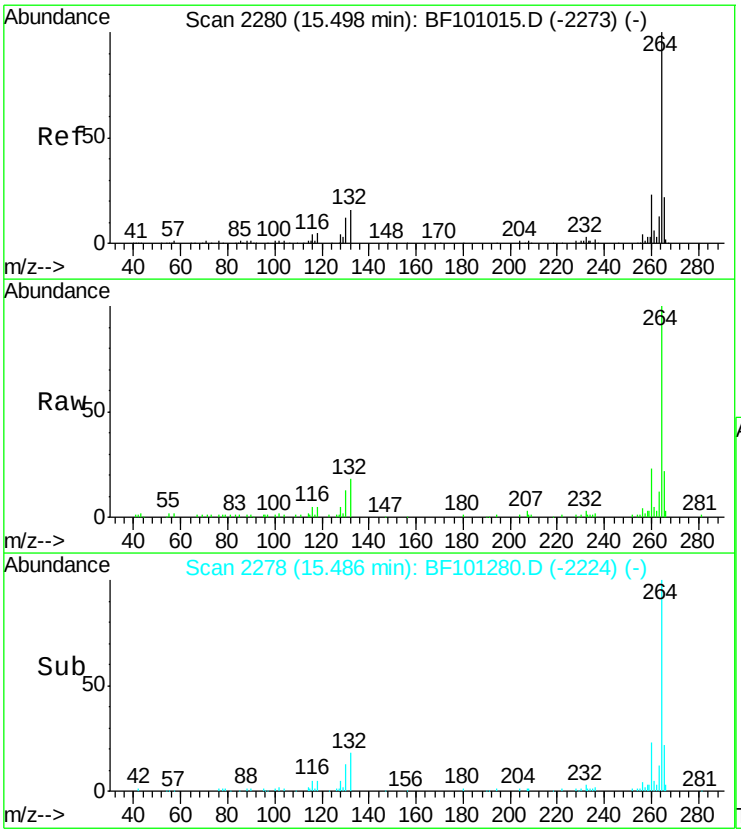

#78
Terphenyl-d14
Concen: 108.898 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

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

Tgt Ion:244 Resp: 661228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.4 | 8.0 |
| 122 | 12.2 | 11.0 | 16.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101280.D
Acq: 11 Dec 2017 11:07

Tgt Ion:264 Resp: 95732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.4 | 19.2 | 28.8 |
| 265 | 21.8 | 17.5 | 26.3 |