Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
Data File : BF077901.D
Acq On : 23 Mar 2015 18:26
Operator : TP/IZ
Sample : PB82255BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB82255BL

Quant Time: Mar 24 01:40:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 02:23:28 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.12 | 152 | 43454 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.69 | 136 | 180116 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.86 | 164 | 88033 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 12.69 | 188 | 180624 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 16.00 | 240 | 199107 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 17.80 | 264 | 191398 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 281055 | 112.90 | ng | 0.00 |
| 7) Phenol-d6 | 6.69 | 99 | 359276 | 116.81 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.81 | 82 | 209658 | 76.30 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.84 | 330 | 83206 | 98.79 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 10.04 | 172 | 451396 | 75.36 | ng | 0.00 |
| 78) Terphenyl-d14 | 14.69 | 244 | 563150 | 69.09 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.81 | 70 | 25678 | 12.07 | ng | # 78 |
| 50) 2,6-Dinitrotoluene | 10.86 | 165 | 11029 | 8.15 | ng | # 24 |
| 56) 2,4-Dinitrotoluene | 10.86 | 165 | 11029 | 6.25 | ng | # 11 |

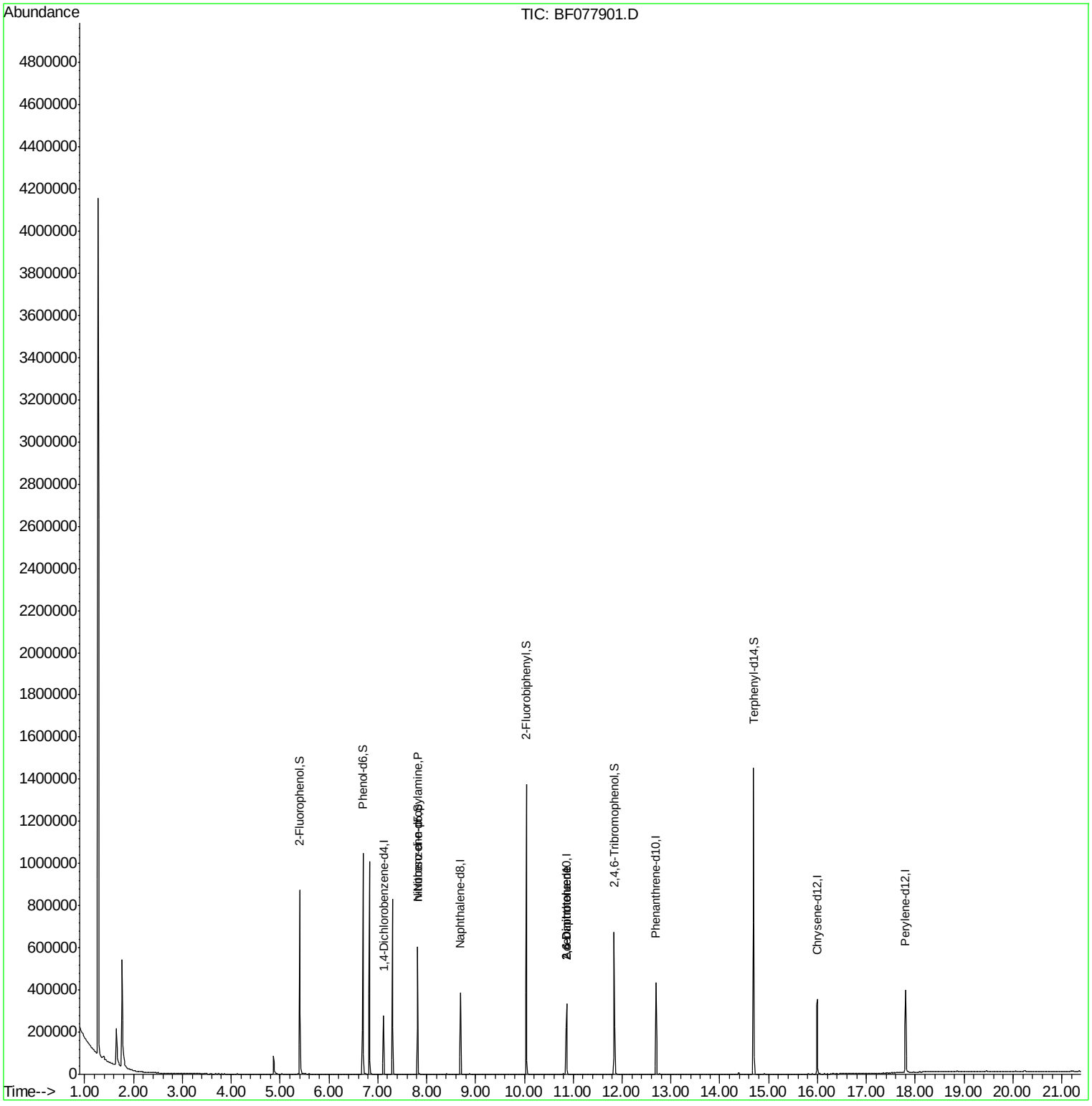
(#) = qualifier out of range (m) = manual integration (+) = signals summed

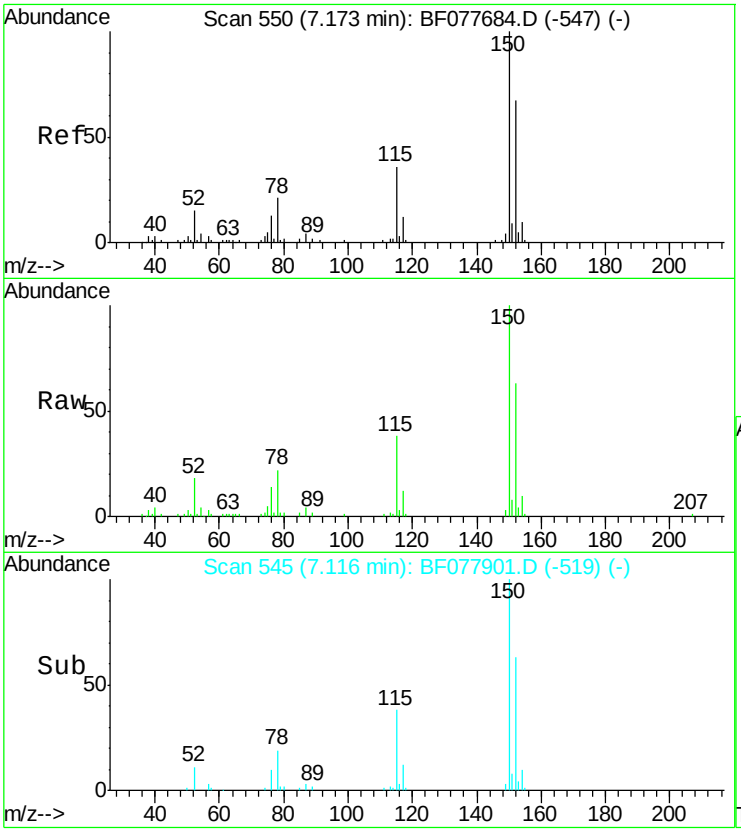
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032315\
Data File : BF077901.D
Acq On : 23 Mar 2015 18:26
Operator : TP/IZ
Sample : PB82255BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB82255BL

Quant Time: Mar 24 01:40:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 02:23:28 2015
Response via : Initial Calibration



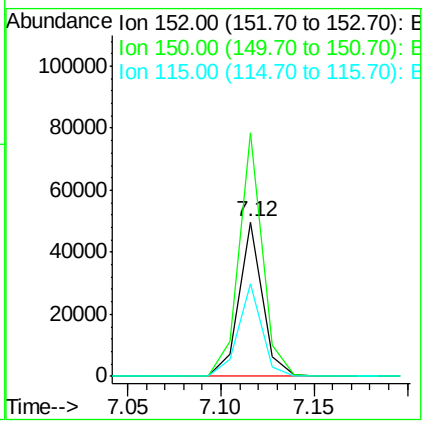


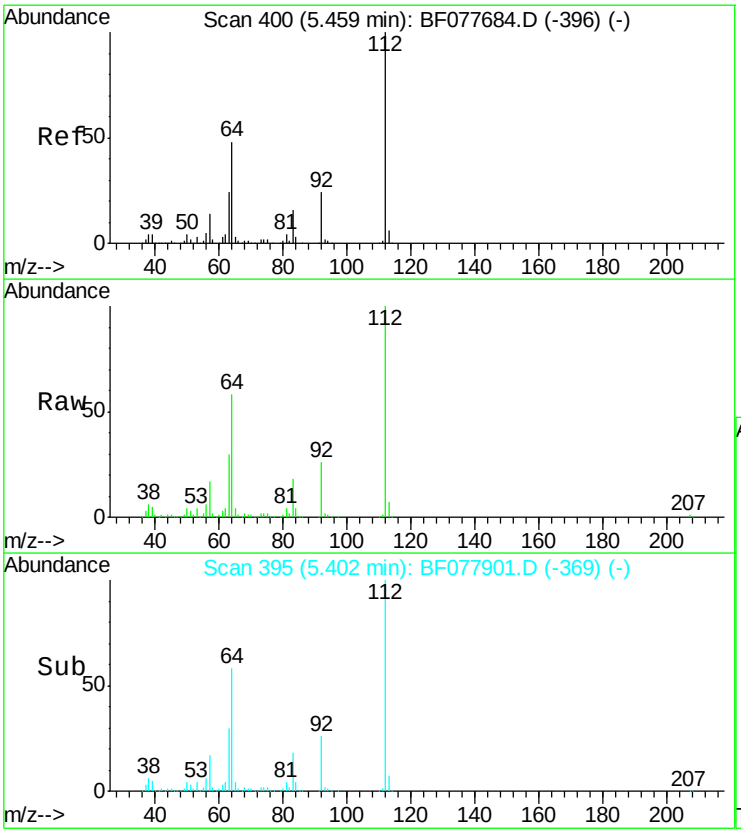

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

**Instrument :**
BNA_F
**ClientSampleId :**
PB82255BL

Tgt Ion:152 Resp: 43454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.1 | 119.5 | 179.3 |
| 115 | 60.2 | 43.0 | 64.4 |

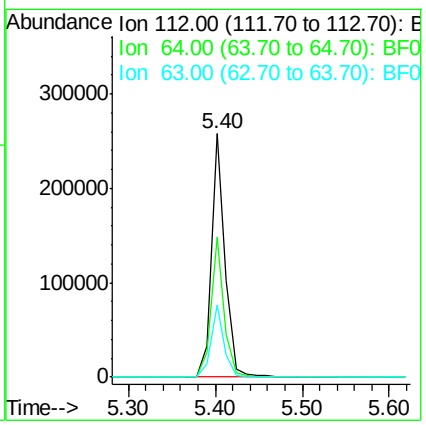


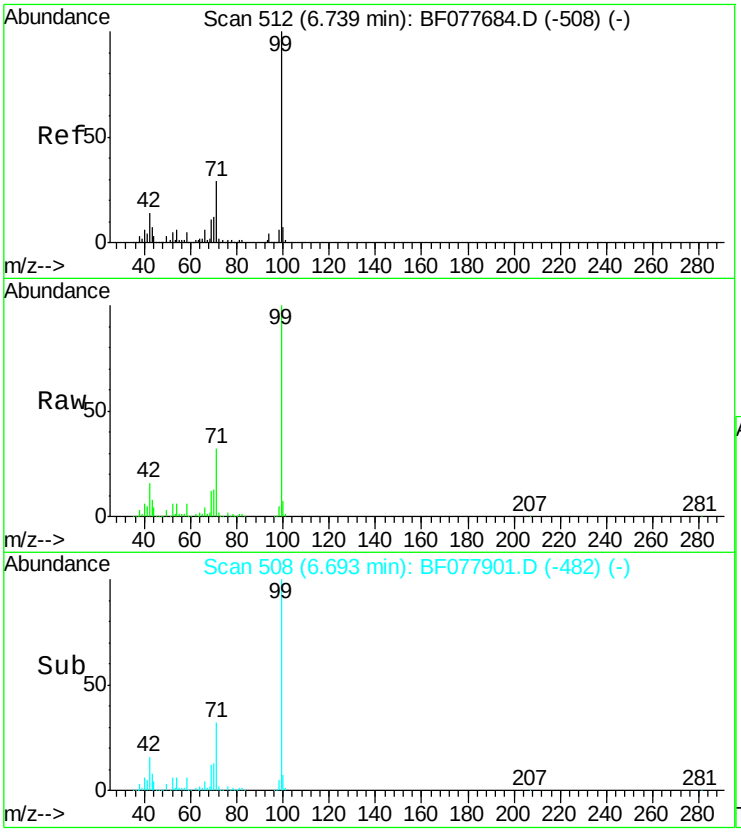




#5
2-Fluorophenol
Concen: 112.90 ng
RT: 5.40 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

Tgt Ion:112 Resp: 281055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.7 | 38.6 | 57.8 |
| 63 | 29.6 | 19.3 | 28.9# |



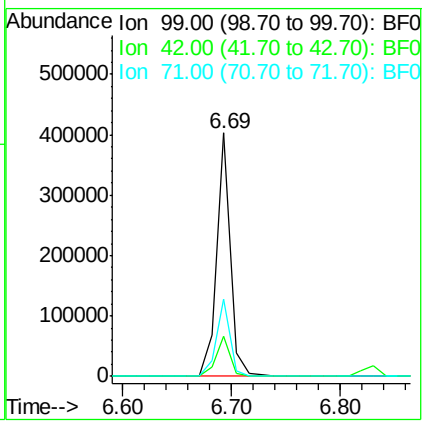


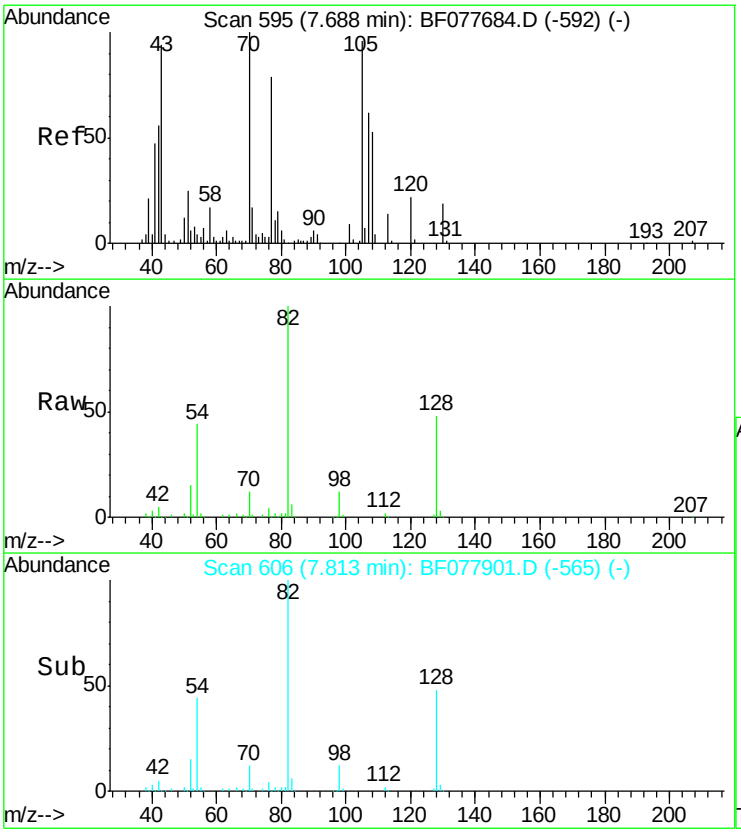

#7
Phenol-d6
Concen: 116.81 ng
RT: 6.69 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

**Instrument :**
BNA_F
**ClientSampleId :**
PB82255BL

Tgt Ion: 99 Resp: 359276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.4 | 11.0 | 16.4 |
| 71 | 32.0 | 23.4 | 35.2 |

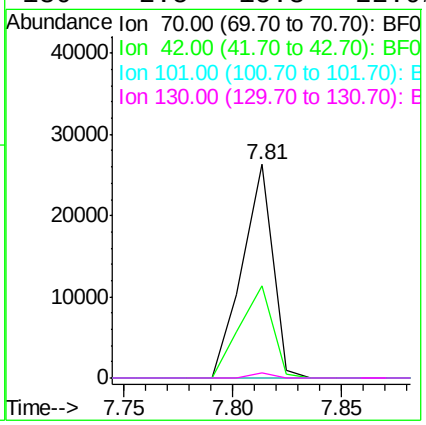


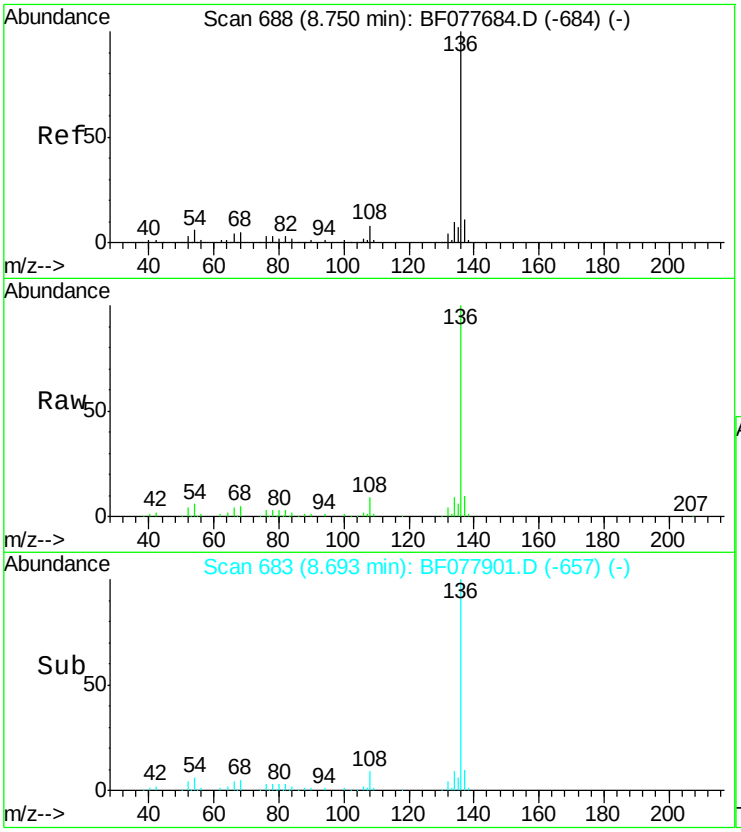




#19
n-Nitroso-di-n-propylamine
Concen: 12.07 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.17 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

Tgt Ion: 70 Resp: 25678

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 43.2 | 44.5 | 66.7# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.5 | 15.3 | 22.9# |



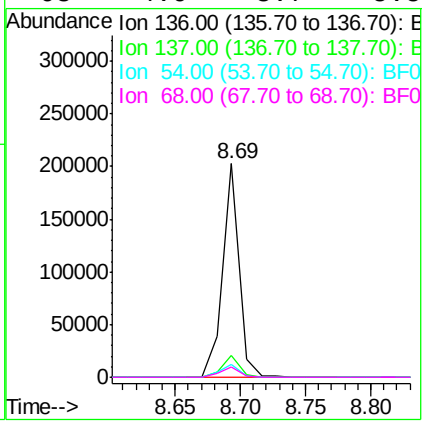


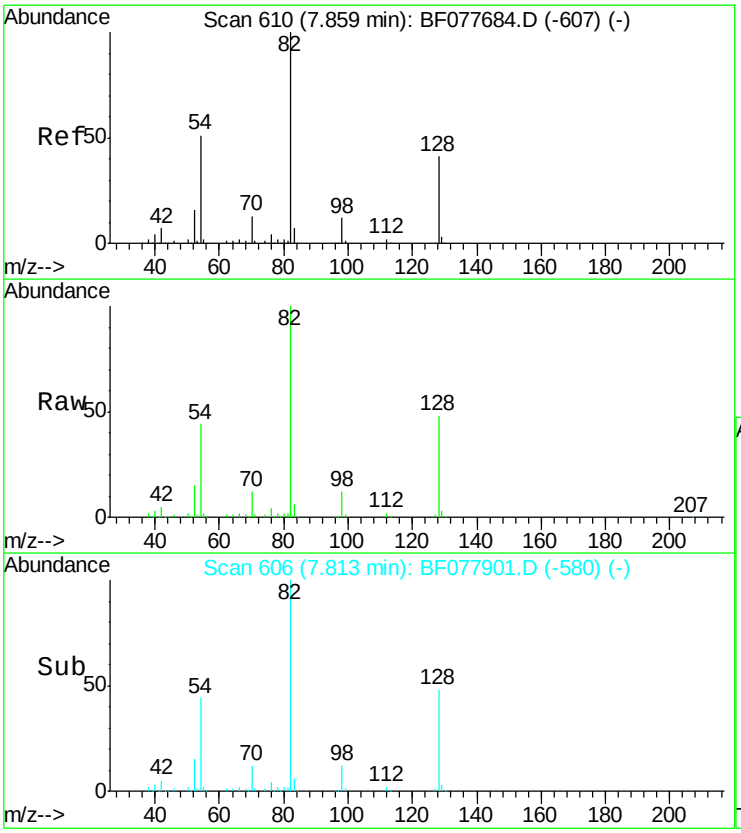

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

**Instrument :**
BNA_F
**ClientSampleId :**
PB82255BL

Tgt Ion:136 Resp: 180116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 8.7 | 13.1 |
| 54 | 6.3 | 4.6 | 6.8 |
| 68 | 4.9 | 3.7 | 5.5 |

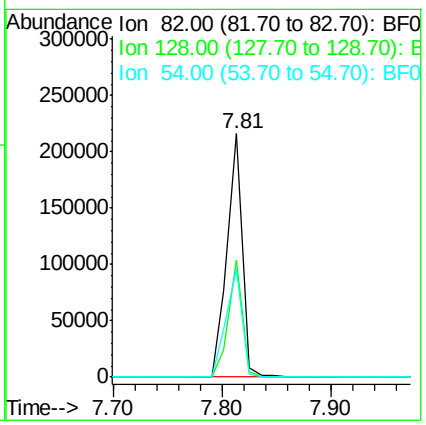


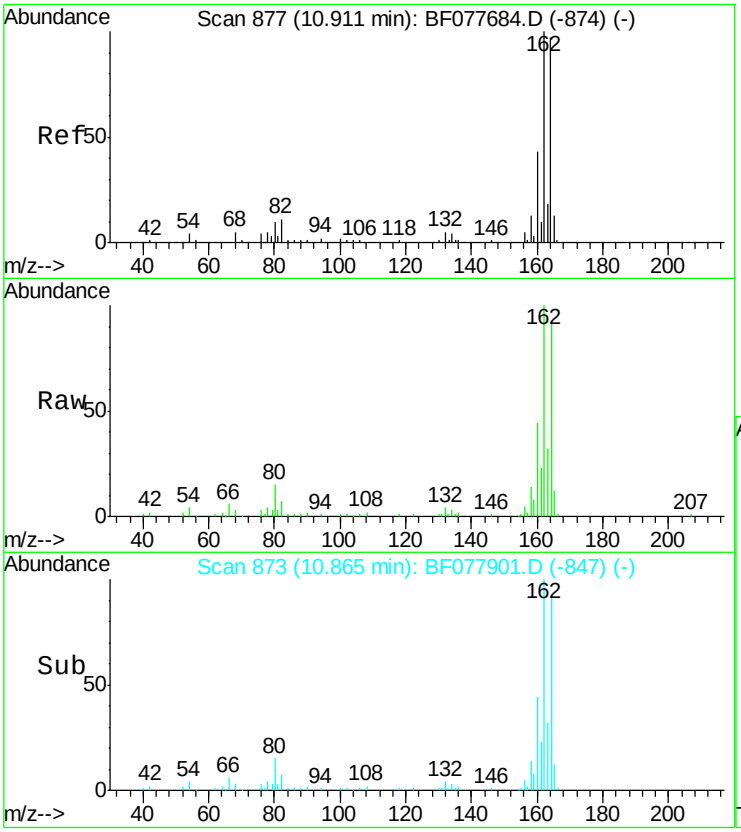




#23
Nitrobenzene-d5
Concen: 76.30 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

Tgt Ion: 82 Resp: 209658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.1 | 32.8 | 49.2 |
| 54 | 44.2 | 40.6 | 60.8 |



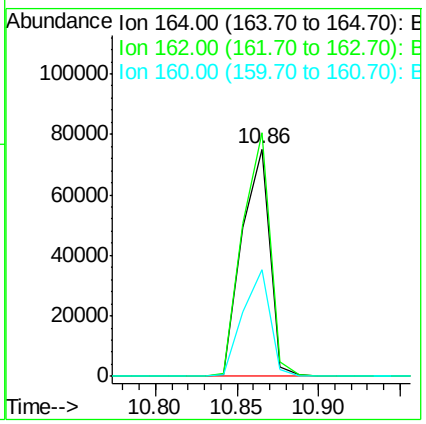


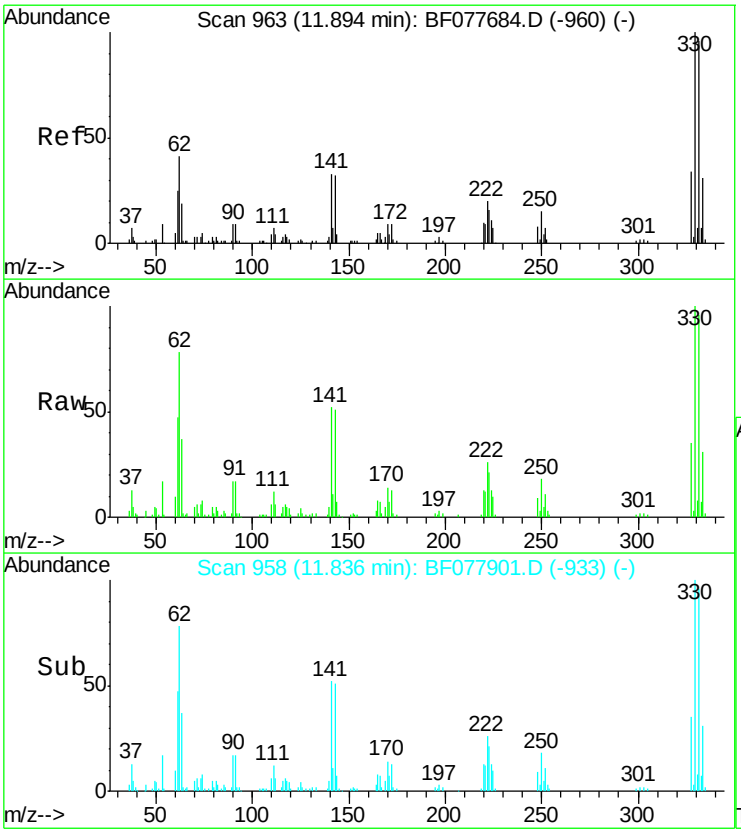

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

**Instrument :**
BNA_F
**ClientSampleId :**
PB82255BL

Tgt Ion:164 Resp: 88033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.2 | 82.4 | 123.6 |
| 160 | 46.7 | 35.8 | 53.6 |

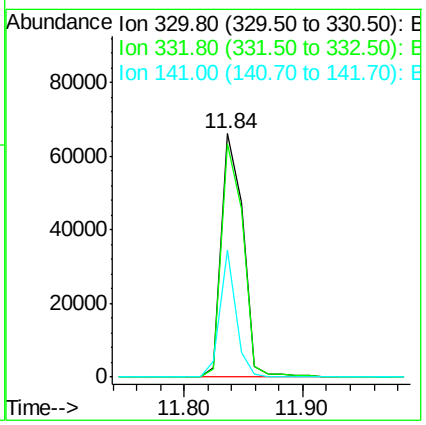


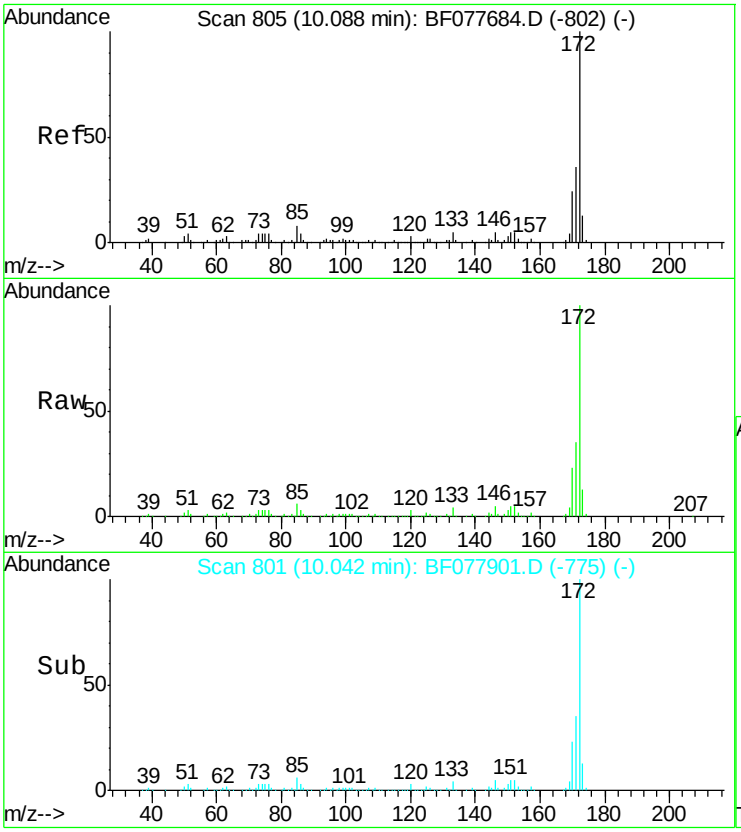




#41
2,4,6-Tribromophenol
Concen: 98.79 ng
RT: 11.84 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

Tgt Ion:330 Resp: 83206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 0.0 | 0.0# |
| 141 | 38.4 | 0.0 | 0.0# |



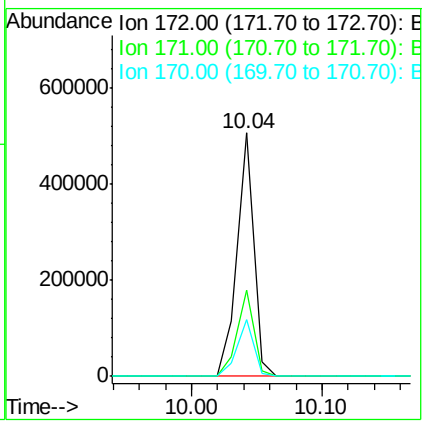


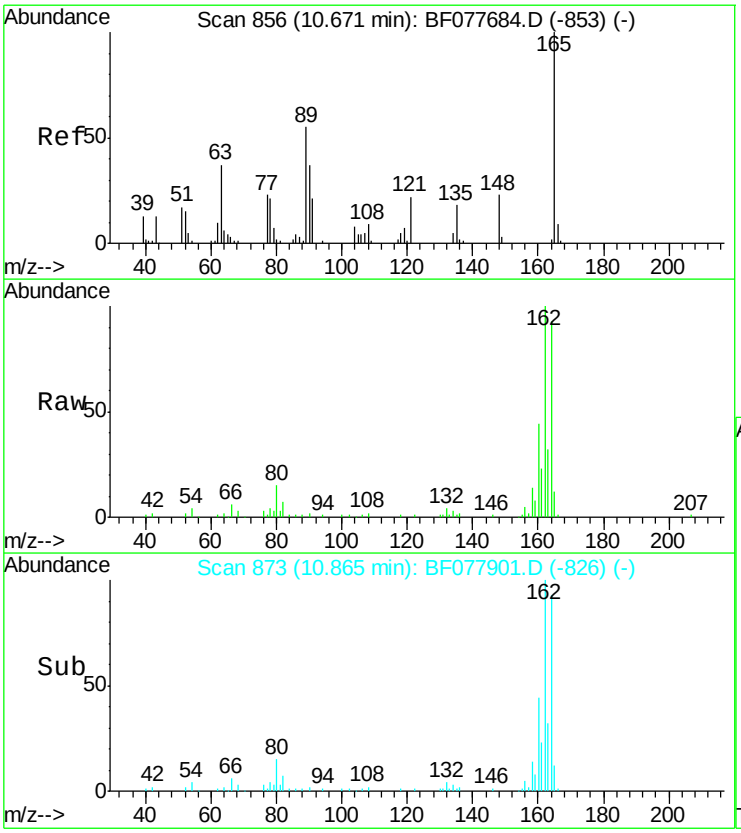

#44
2-Fluorobiphenyl
Concen: 75.36 ng
RT: 10.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

**Instrument :**
BNA_F
**ClientSampleId :**
PB82255BL

Tgt Ion:172 Resp: 451396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.5 | 42.7 |
| 170 | 23.3 | 18.8 | 28.2 |

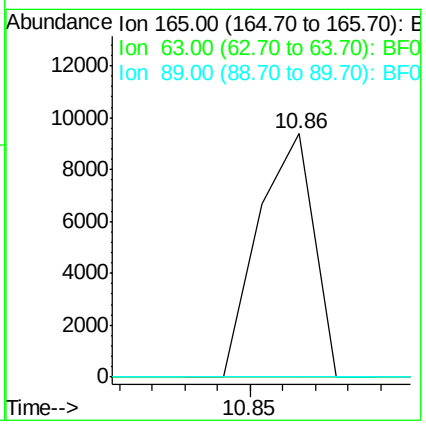


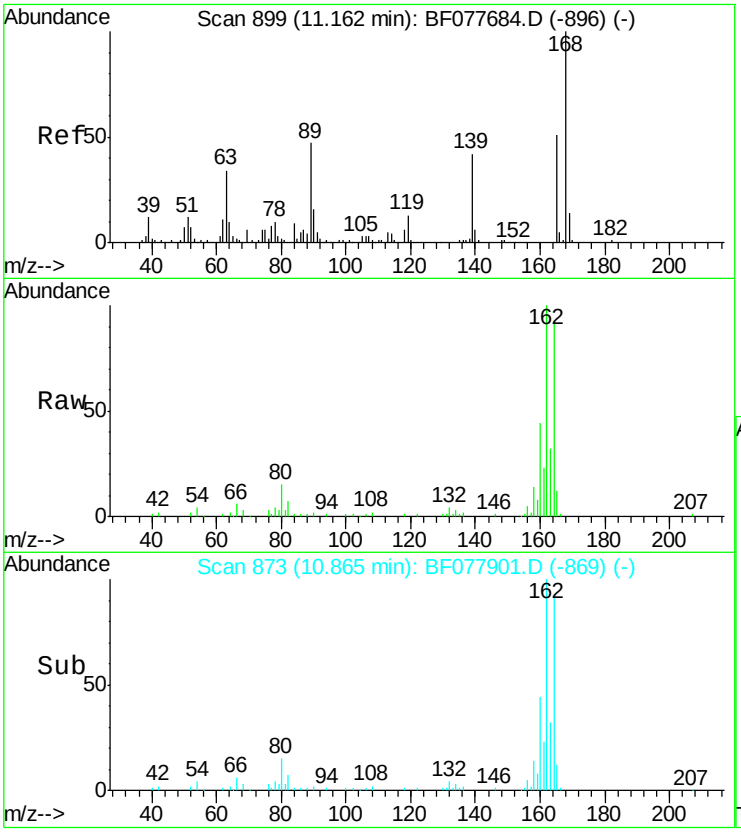




#50
2,6-Dinitrotoluene
Concen: 8.15 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.24 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

Tgt Ion:165 Resp: 11029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 44.1 | 66.1# |
| 89 | 0.0 | 44.3 | 66.5# |



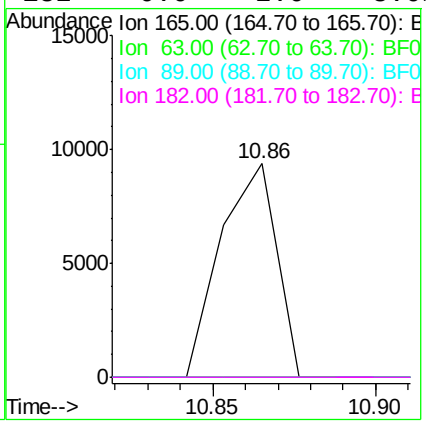


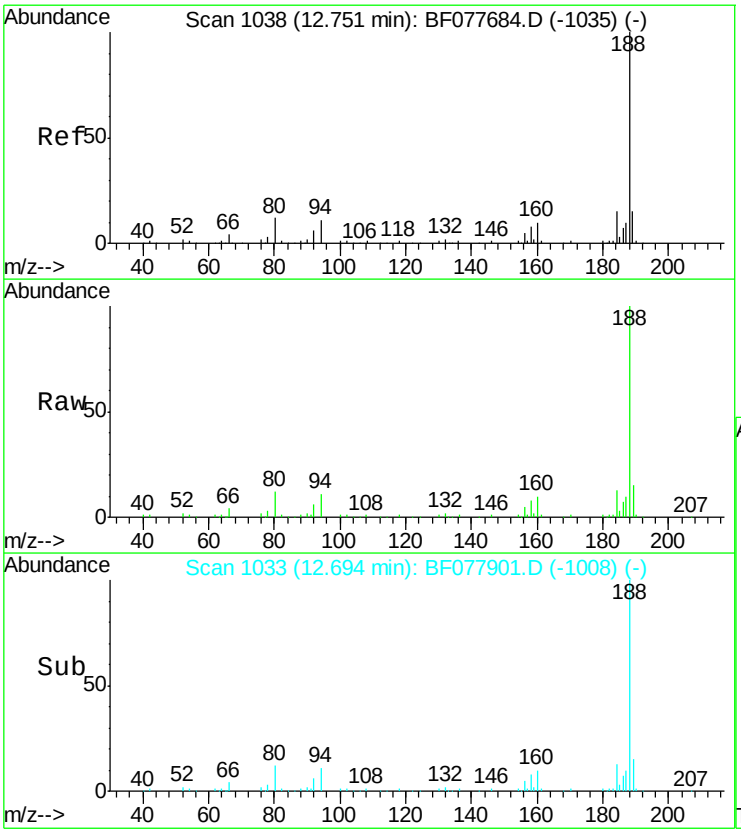

#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.25 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

**Instrument :**
BNA_F
**ClientSampleId :**
PB82255BL

Tgt Ion:165 Resp: 11029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 52.4 | 78.6# |
| 89 | 0.0 | 72.4 | 108.6# |
| 182 | 0.0 | 2.0 | 3.0# |

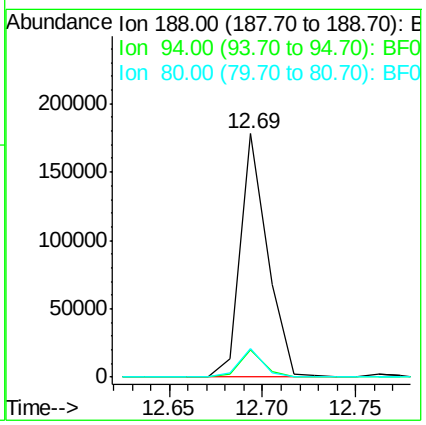


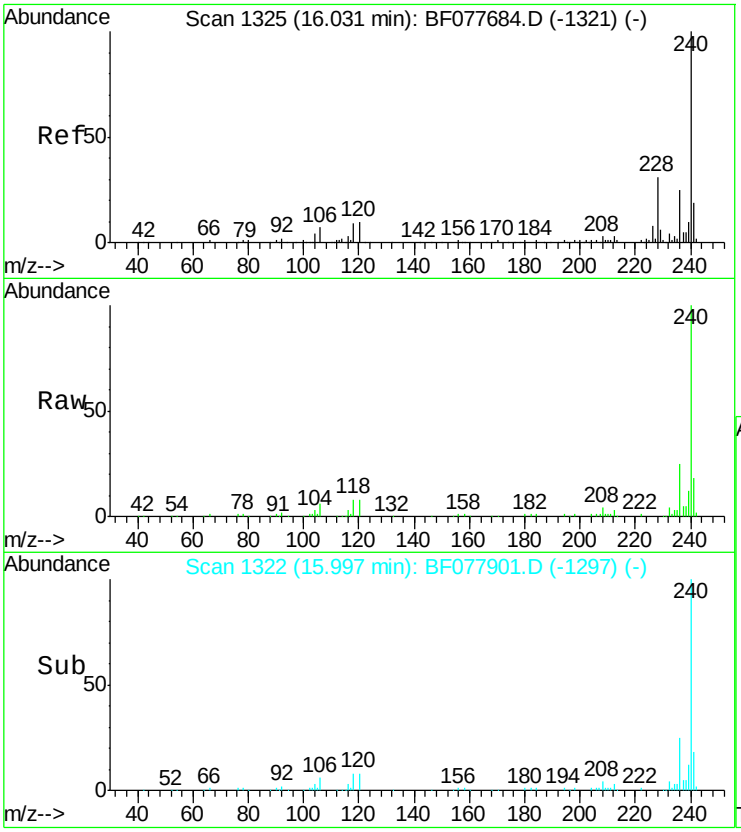




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

Tgt Ion:188 Resp: 180624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.0 | 8.7 | 13.1 |
| 80 | 11.7 | 9.3 | 13.9 |



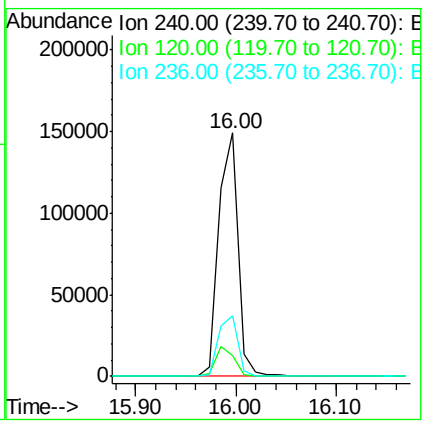


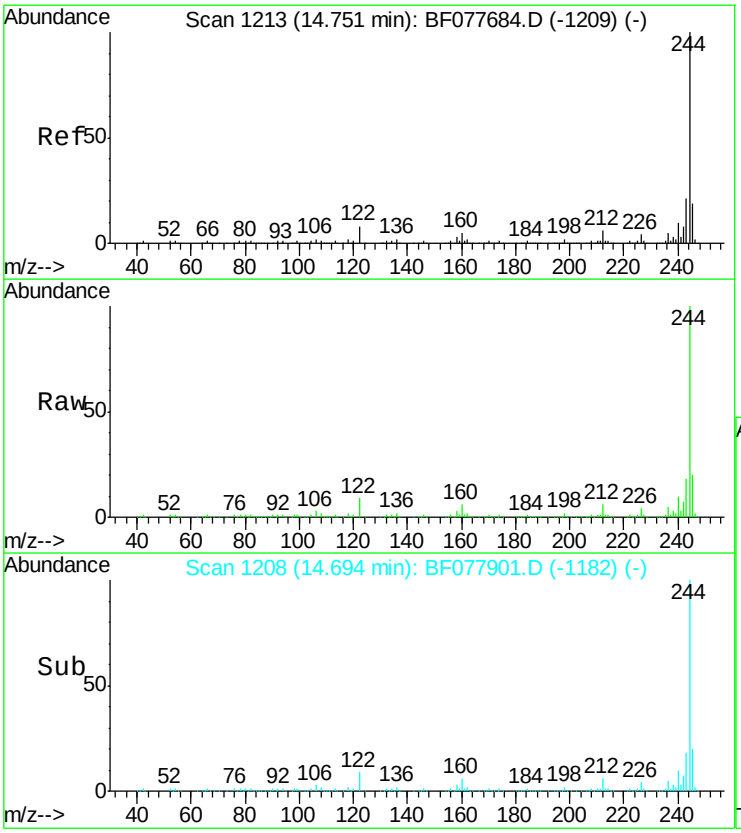

#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.00 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

**Instrument :**
BNA_F
**ClientSampleId :**
PB82255BL

Tgt Ion:240 Resp: 199107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.3 | 8.2 | 12.2 |
| 236 | 24.7 | 20.0 | 30.0 |

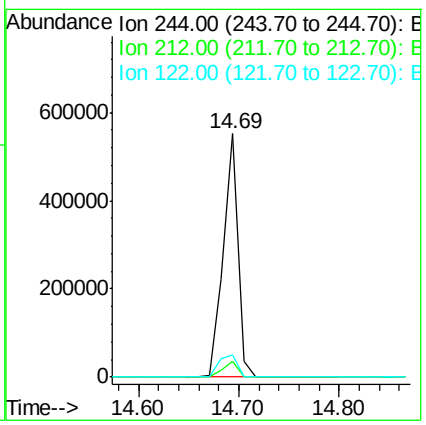


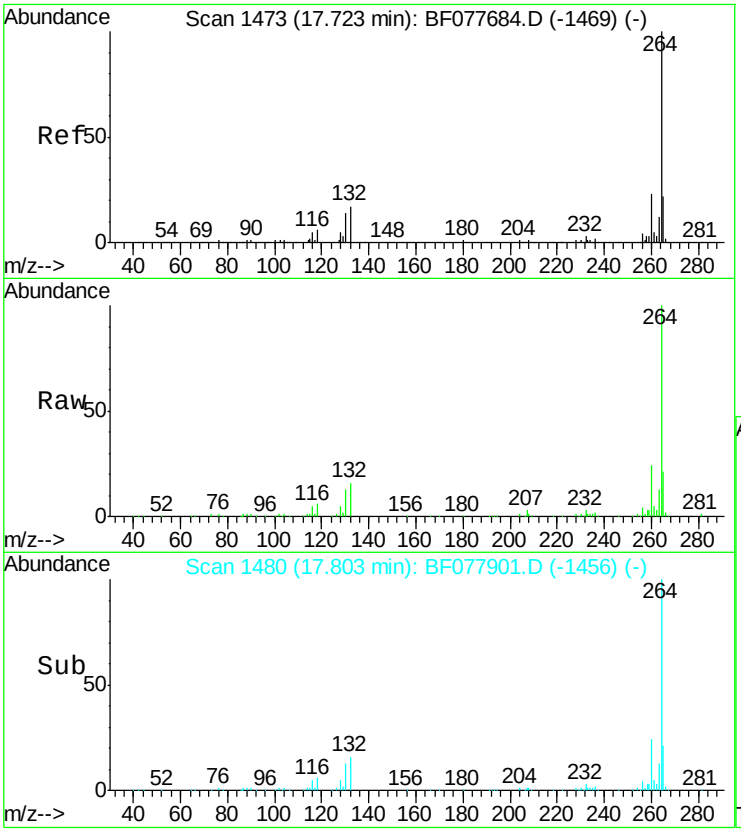




#78
Terphenyl-d14
Concen: 69.09 ng
RT: 14.69 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

Tgt Ion:244 Resp: 563150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.4 | 4.9 | 7.3 |
| 122 | 9.2 | 6.2 | 9.4 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 17.80 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF077901.D
Acq: 23 Mar 2015 18:26

**Instrument :**
BNA_F
**ClientSampleId :**
PB82255BL

Tgt Ion:264 Resp: 191398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 18.6 | 27.8 |
| 265 | 21.0 | 17.3 | 25.9 |