Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
Data File : BF077957.D
Acq On : 25 Mar 2015 17:59
Operator : TP/IZ
Sample : G1612-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-2

Quant Time: Mar 26 00:04:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.09 | 152 | 39059 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.67 | 136 | 157134 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.84 | 164 | 79830 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 12.67 | 188 | 162902 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 16.01 | 240 | 177093 | 20.00 | ng | 0.03 |
| 86) Perylene-d12 | 17.92 | 264 | 173679 | 20.00 | ng | 0.17 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 128776 | 57.55 | ng | 0.00 |
| 7) Phenol-d6 | 6.67 | 99 | 101872 | 36.85 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.79 | 82 | 217548 | 90.75 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.82 | 330 | 98201 | 128.57 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 10.02 | 172 | 473709 | 87.21 | ng | 0.00 |
| 78) Terphenyl-d14 | 14.68 | 244 | 617748 | 85.21 | ng | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 1.95 | 88 | 21586 | 21.25 | ng | # 100 |
| 19) n-Nitroso-di-n-propylamine | 7.79 | 70 | 27335 | 14.29 | ng | # 79 |
| 50) 2,6-Dinitrotoluene | 10.84 | 165 | 10367 | 8.45 | ng | # 24 |
| 56) 2,4-Dinitrotoluene | 10.84 | 165 | 7695 | 4.81 | ng | # 11 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
Data File : BF077957.D
Acq On : 25 Mar 2015 17:59
Operator : TP/IZ
Sample : G1612-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
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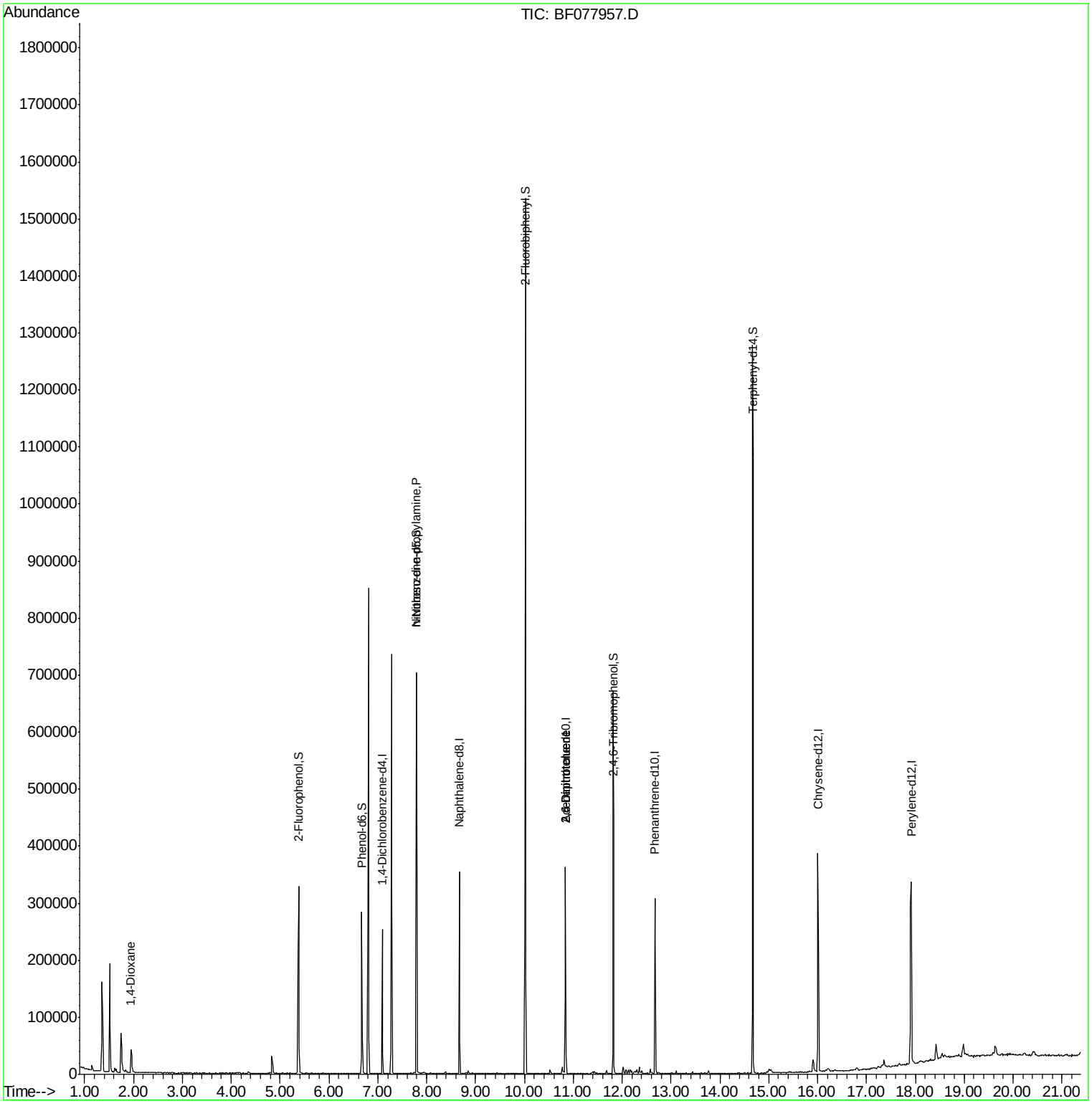
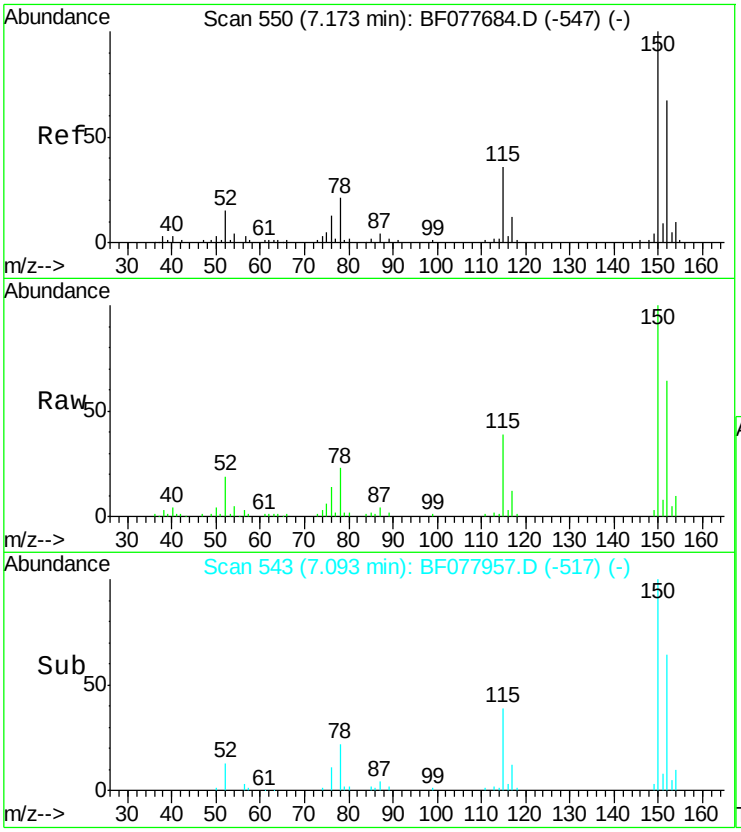
Quant Time: Mar 26 00:04:14 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration



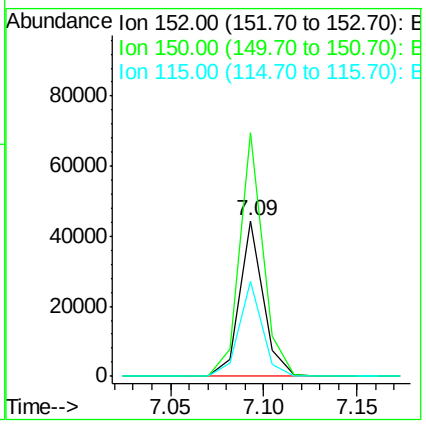


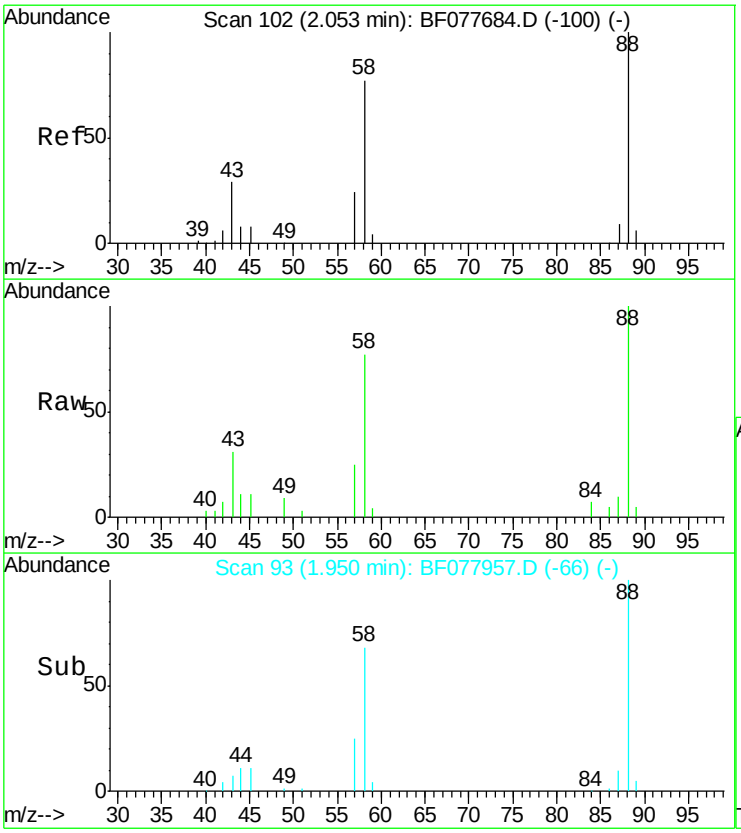

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:152 Resp: 39059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.2 | 119.5 | 179.3 |
| 115 | 61.4 | 43.0 | 64.4 |

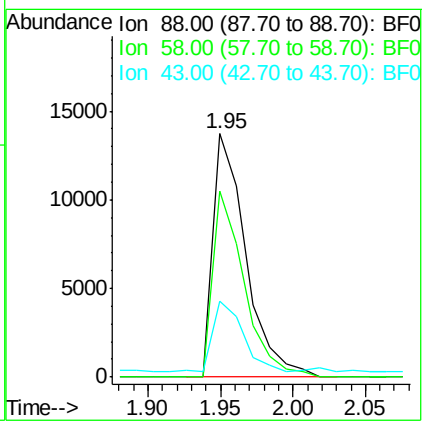


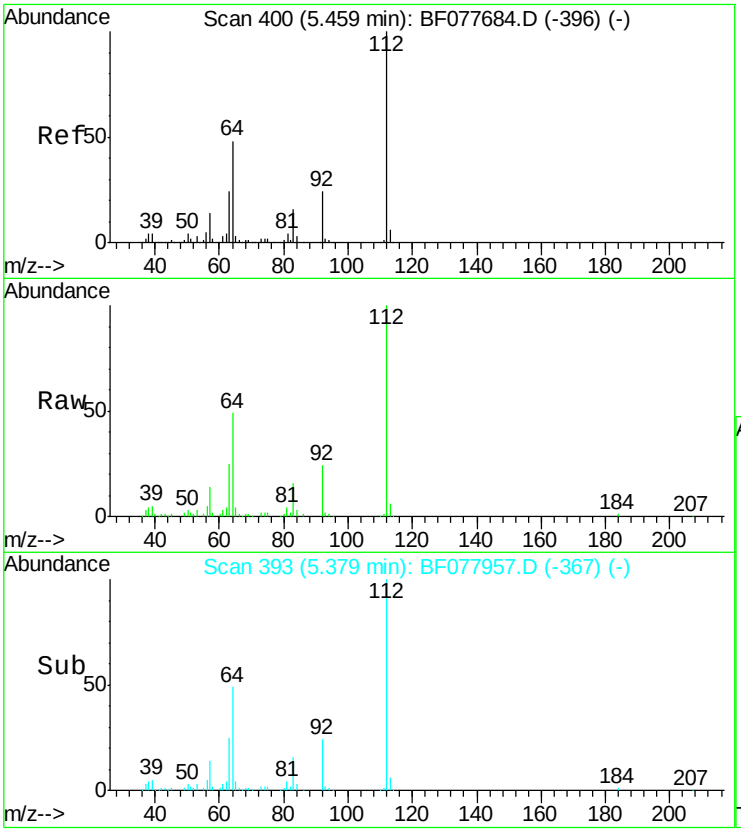




#2
1,4-Dioxane
Concen: 21.25 ng
RT: 1.95 min Scan# 93
Delta R.T. 0.01 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

Tgt Ion: 88 Resp: 21586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 72.8 | 0.0 | 0.0# |
| 43 | 26.6 | 0.0 | 0.0# |



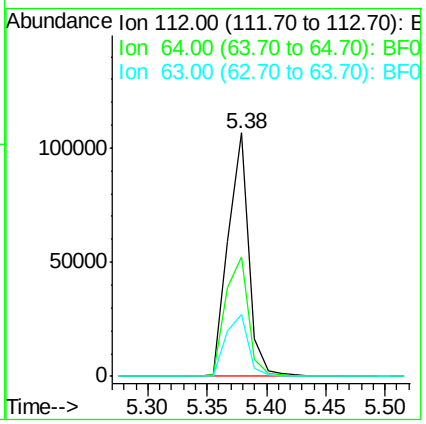


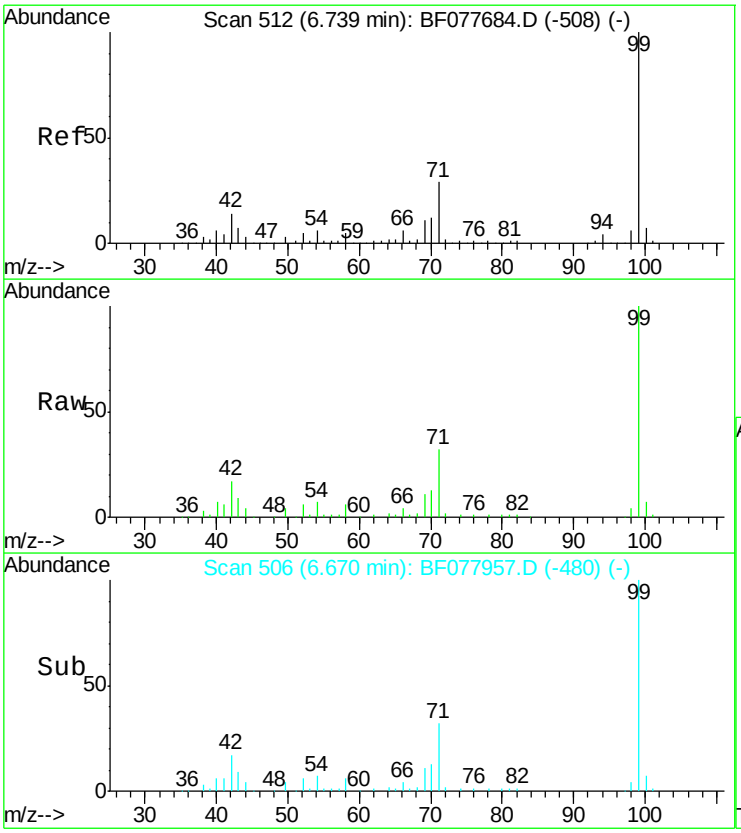

#5
2-Fluorophenol
Concen: 57.55 ng
RT: 5.38 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:112 Resp: 128776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 49.3 | 38.6 | 57.8 |
| 63 | 25.3 | 19.3 | 28.9 |

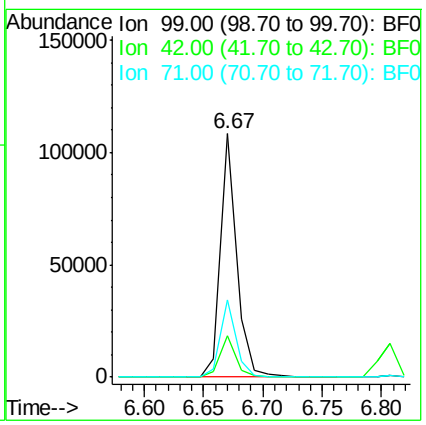


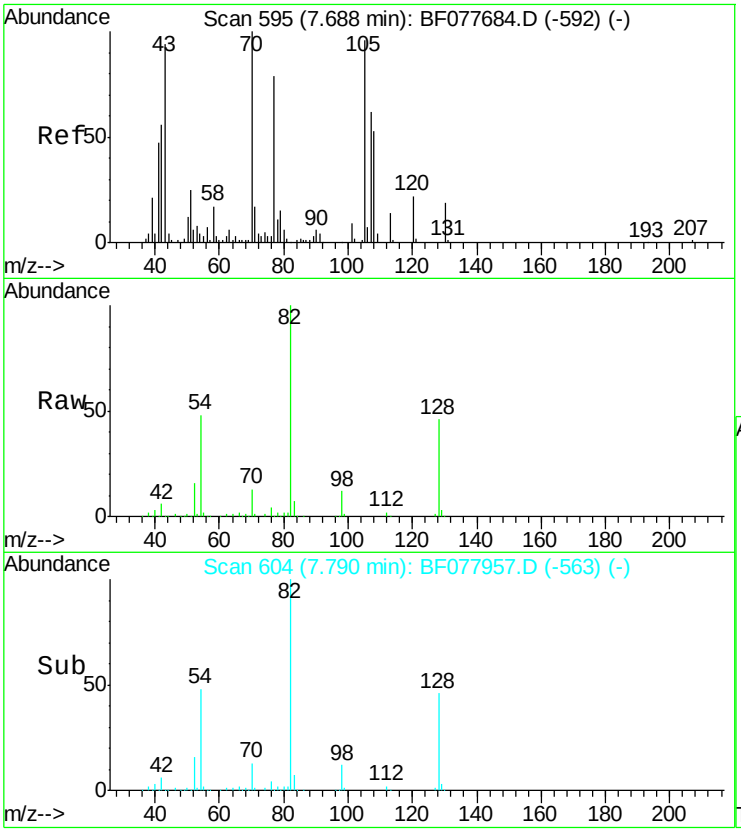




#7
Phenol-d6
Concen: 36.85 ng
RT: 6.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

Tgt Ion: 99 Resp: 101872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.8 | 11.0 | 16.4# |
| 71 | 31.7 | 23.4 | 35.2 |



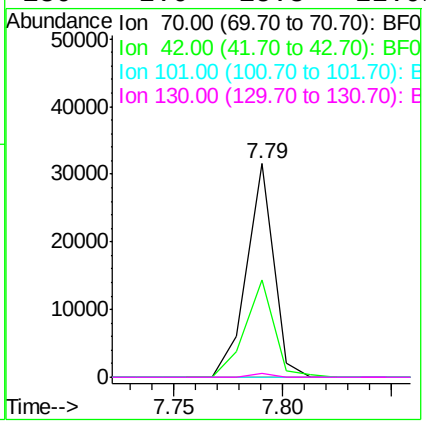


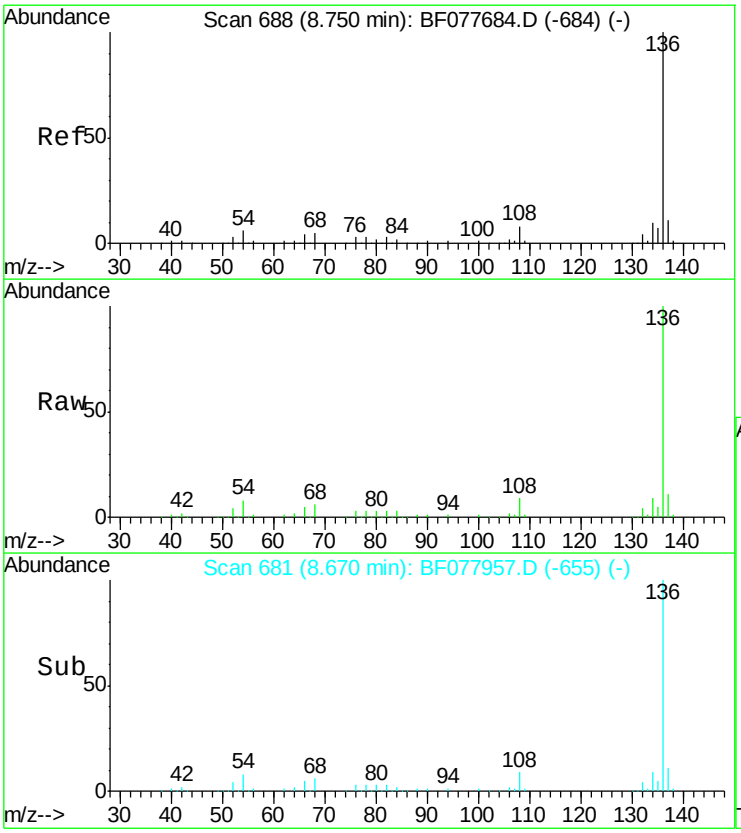

#19
n-Nitroso-di-n-propylamine
Concen: 14.29 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion: 70 Resp: 27335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.5 | 44.5 | 66.7 |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.0 | 15.3 | 22.9# |

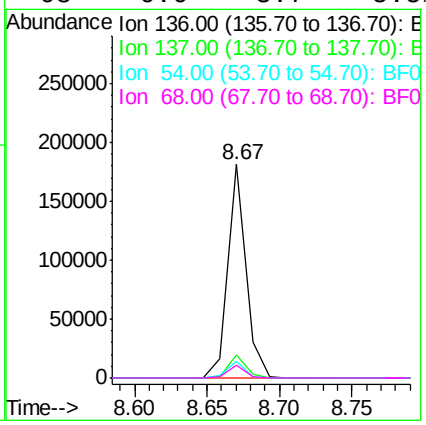


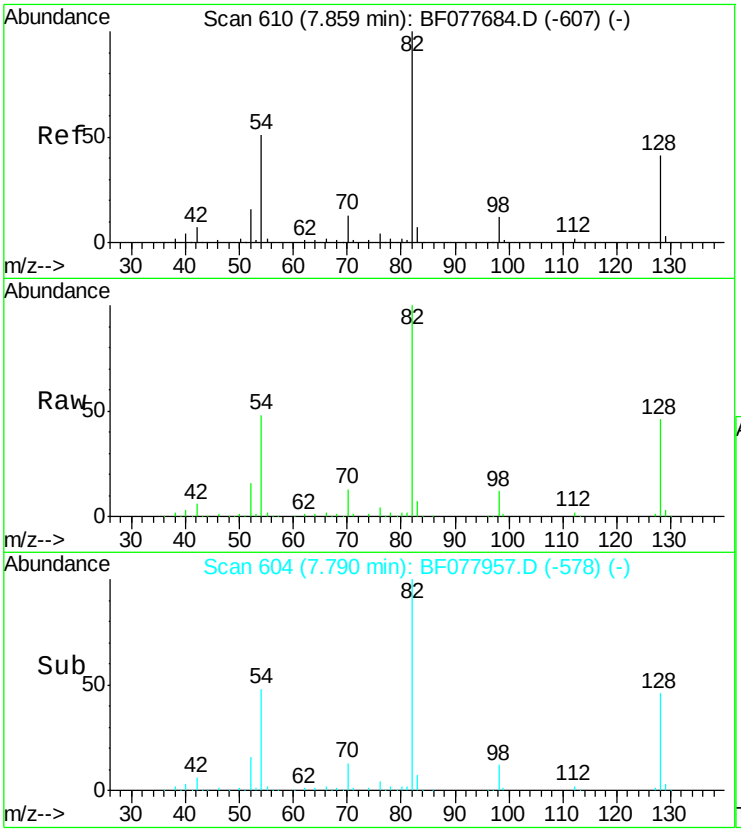




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

Tgt Ion:136 Resp: 157134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.7 | 13.1 |
| 54 | 7.5 | 4.6 | 6.8# |
| 68 | 6.0 | 3.7 | 5.5# |



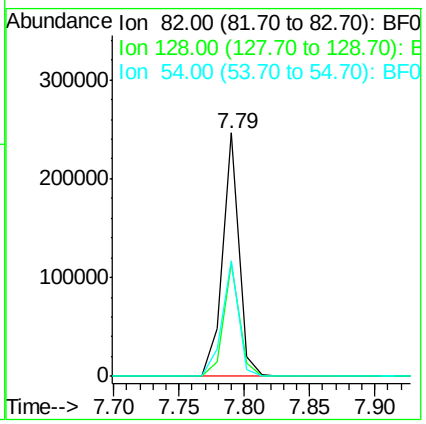


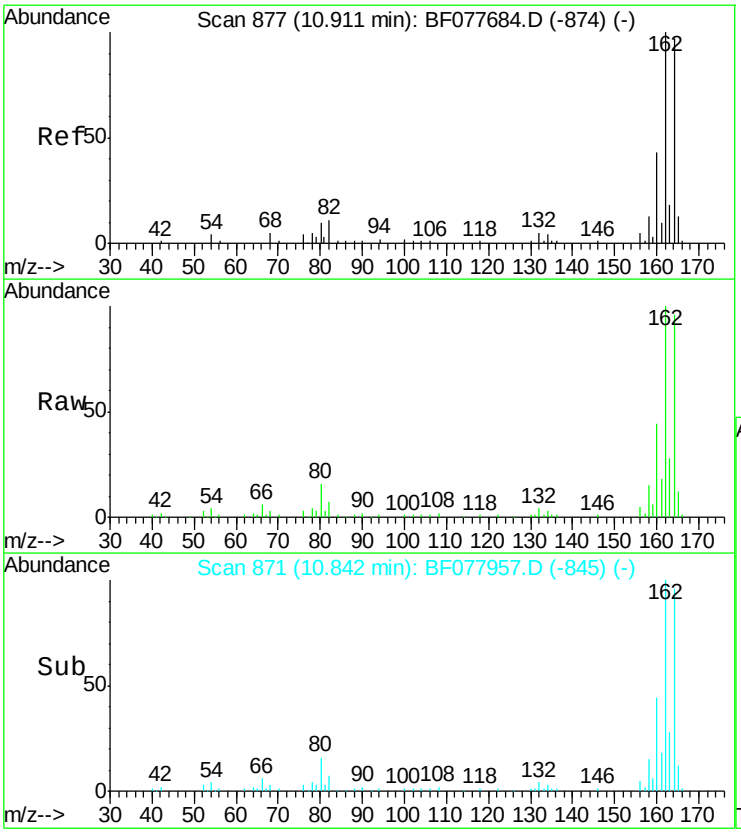

#23
Nitrobenzene-d5
Concen: 90.75 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion: 82 Resp: 217548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.4 | 32.8 | 49.2 |
| 54 | 47.5 | 40.6 | 60.8 |

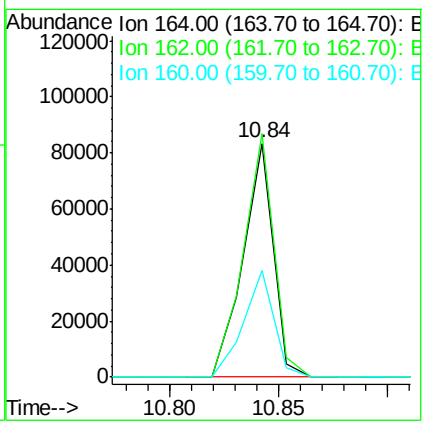


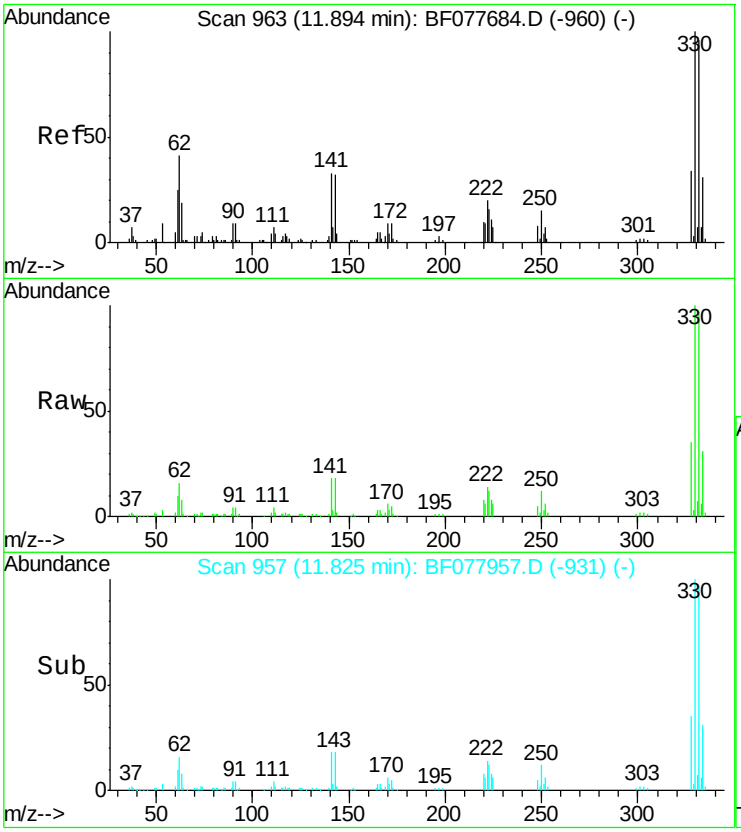




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

Tgt Ion:164 Resp: 79830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.3 | 82.4 | 123.6 |
| 160 | 45.8 | 35.8 | 53.6 |



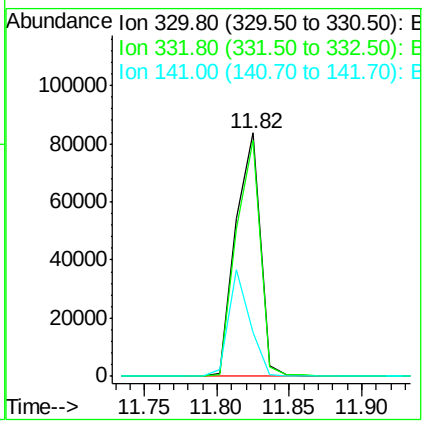


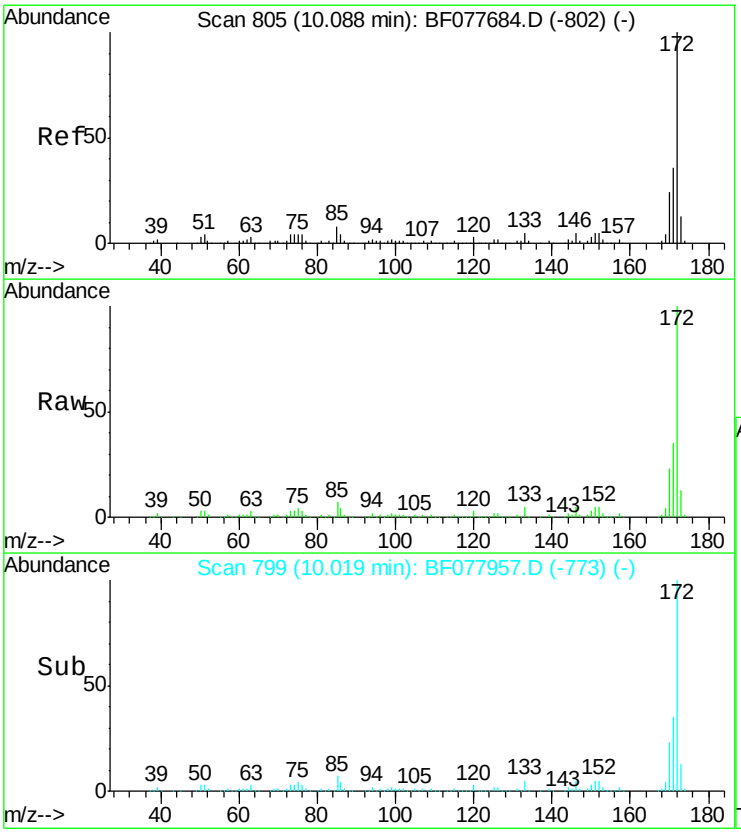

#41
2,4,6-Tribromophenol
Concen: 128.57 ng
RT: 11.82 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:330 Resp: 98201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 0.0 | 0.0# |
| 141 | 38.2 | 0.0 | 0.0# |

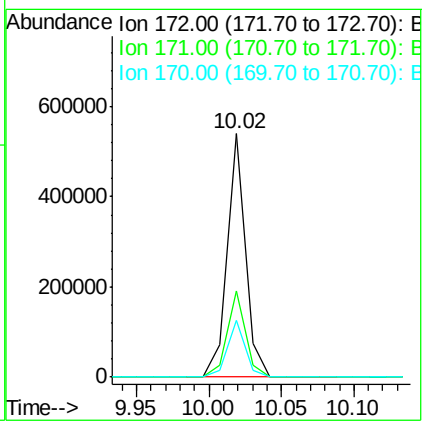


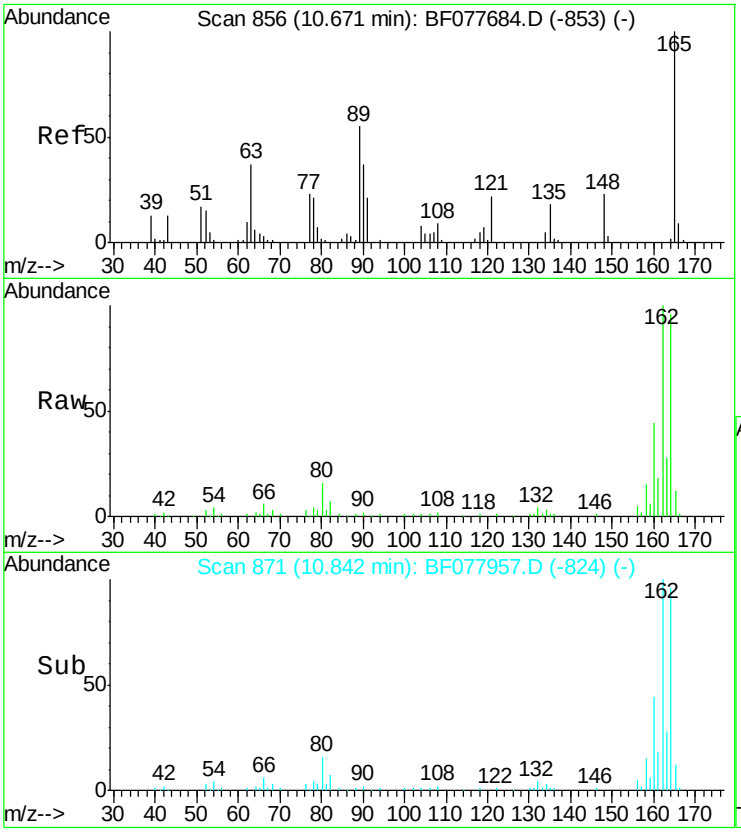




#44
2-Fluorobiphenyl
Concen: 87.21 ng
RT: 10.02 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

Tgt Ion:172 Resp: 473709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.5 | 42.7 |
| 170 | 23.2 | 18.8 | 28.2 |



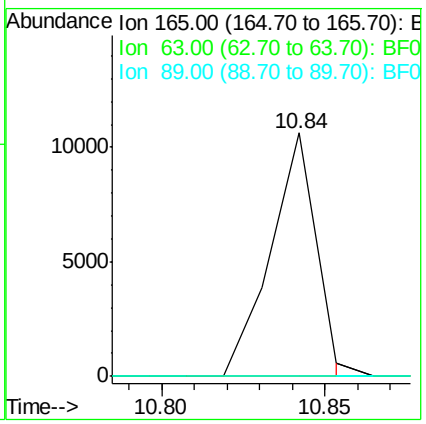


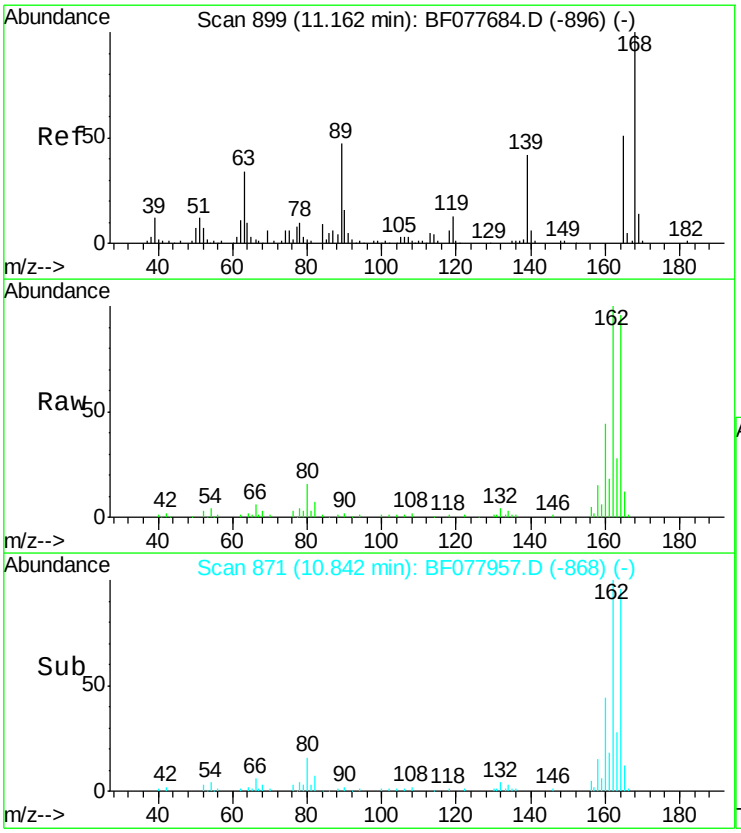

#50
2,6-Dinitrotoluene
Concen: 8.45 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.24 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:165 Resp: 10367

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

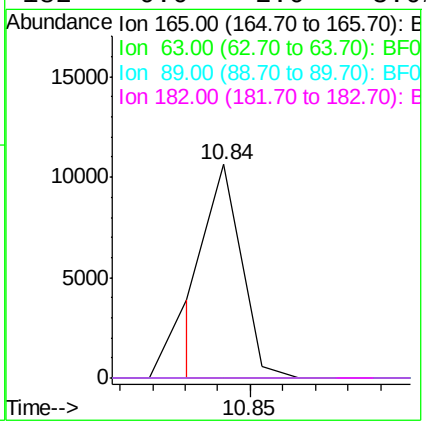


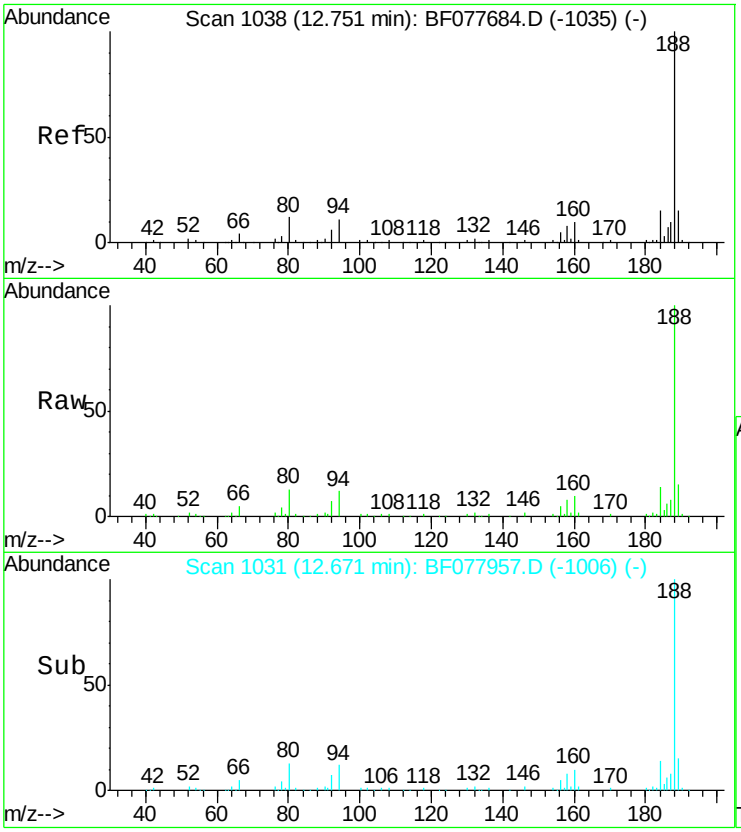




#56
2,4-Dinitrotoluene
Concen: 4.81 ng
RT: 10.84 min Scan# 871
Delta R.T. -0.26 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

Tgt Ion:165 Resp: 7695

| 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# |



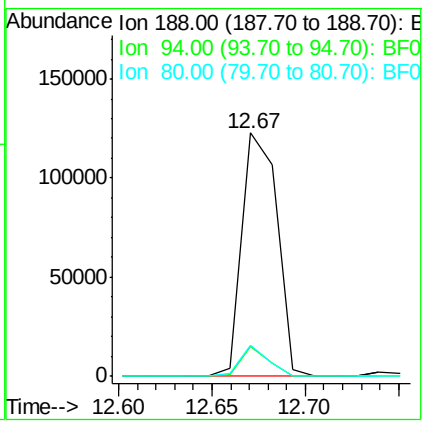


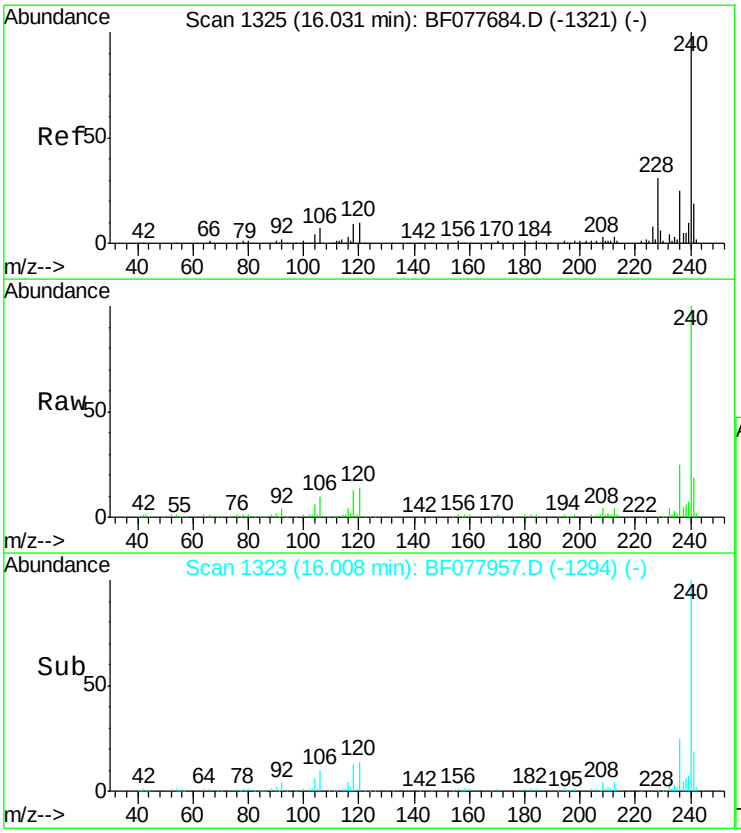

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:188 Resp: 162902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 12.3 | 8.7 | 13.1 |
| 80 | 13.0 | 9.3 | 13.9 |

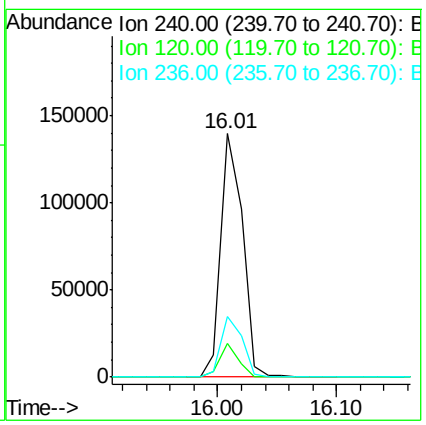


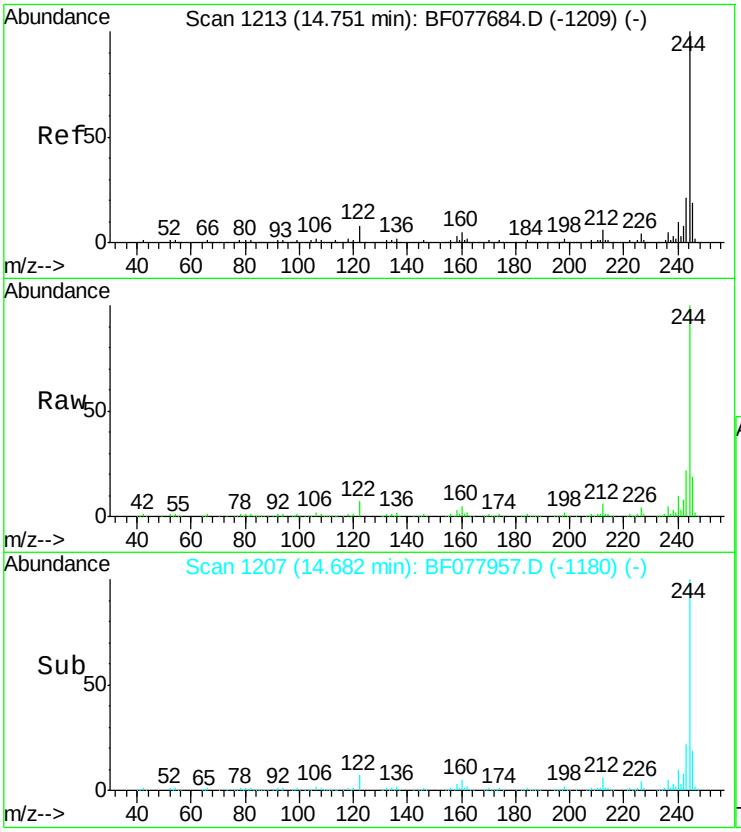




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.01 min Scan# 1323
Delta R.T. 0.03 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

Tgt Ion:240 Resp: 177093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.0 | 8.2 | 12.2# |
| 236 | 24.9 | 20.0 | 30.0 |



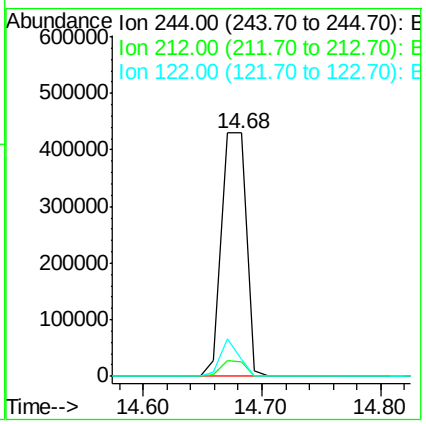


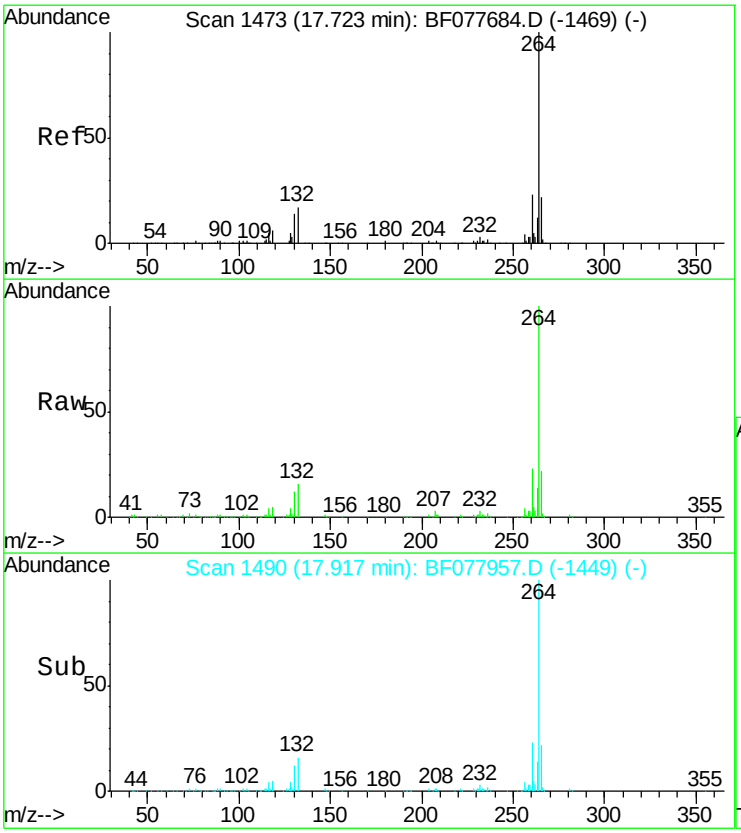

#78
Terphenyl-d14
Concen: 85.21 ng
RT: 14.68 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

**Instrument :**
BNA_F
**ClientSampleId :**
MW-2

Tgt Ion:244 Resp: 617748

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 5.8 | 4.9 | 7.3 |
| 122 | 7.0 | 6.2 | 9.4 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.92 min Scan# 1490
Delta R.T. 0.17 min
Lab File: BF077957.D
Acq: 25 Mar 2015 17:59

Tgt Ion:264 Resp: 173679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 18.6 | 27.8 |
| 265 | 21.9 | 17.3 | 25.9 |