Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079137.D
Acq On : 12 May 2015 3:19
Operator : TP/IZ
Sample : G2146-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** JMW-2A

Quant Time: May 12 05:42:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 05:22:05 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.30 | 152 | 64639 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.88 | 136 | 270387 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 11.05 | 164 | 138719 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 12.89 | 188 | 270982 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 16.18 | 240 | 290316 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 17.87 | 264 | 294939 | 20.00 | ng | -0.09 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 245105 | 65.27 | ng | 0.00 |
| 7) Phenol-d6 | 6.86 | 99 | 194160 | 39.12 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.99 | 82 | 396154 | 84.20 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 12.03 | 330 | 216105 | 144.00 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 10.22 | 172 | 829621 | 83.32 | ng | 0.00 |
| 78) Terphenyl-d14 | 14.89 | 244 | 1027826 | 84.76 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
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**ClientSampleId :**
JMW-2A

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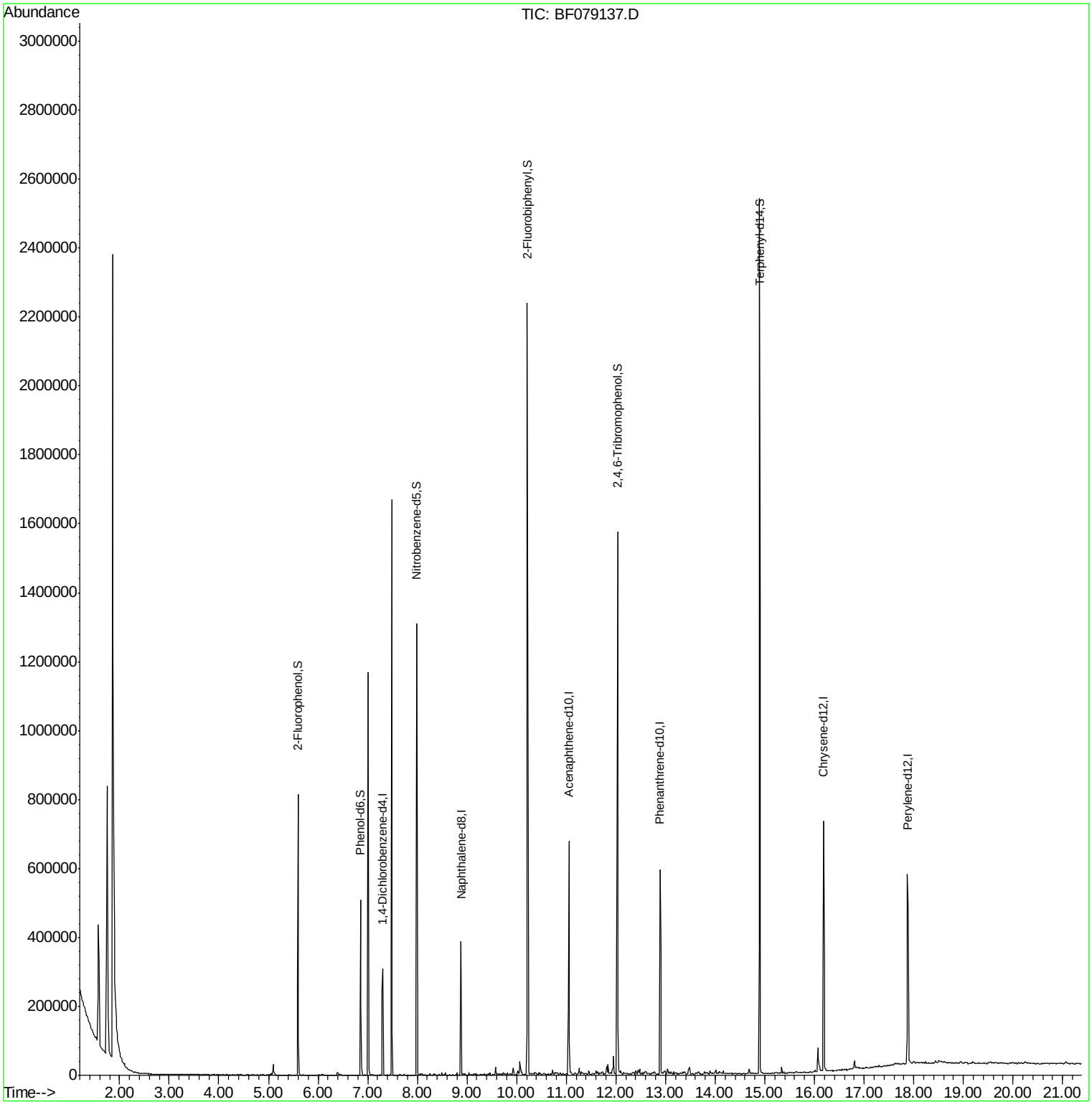
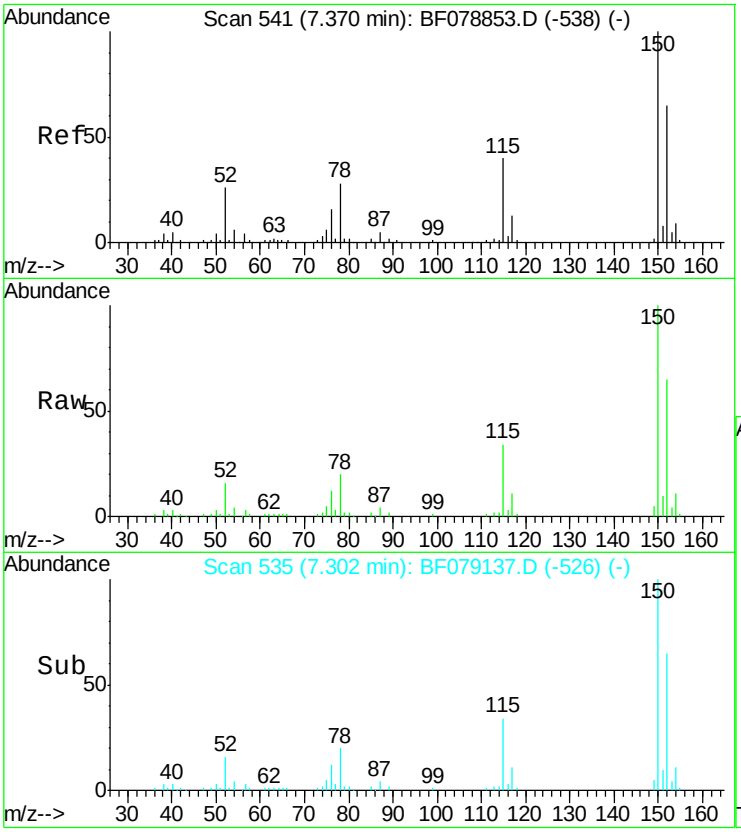


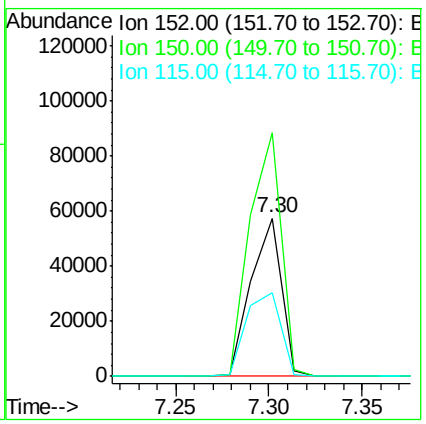


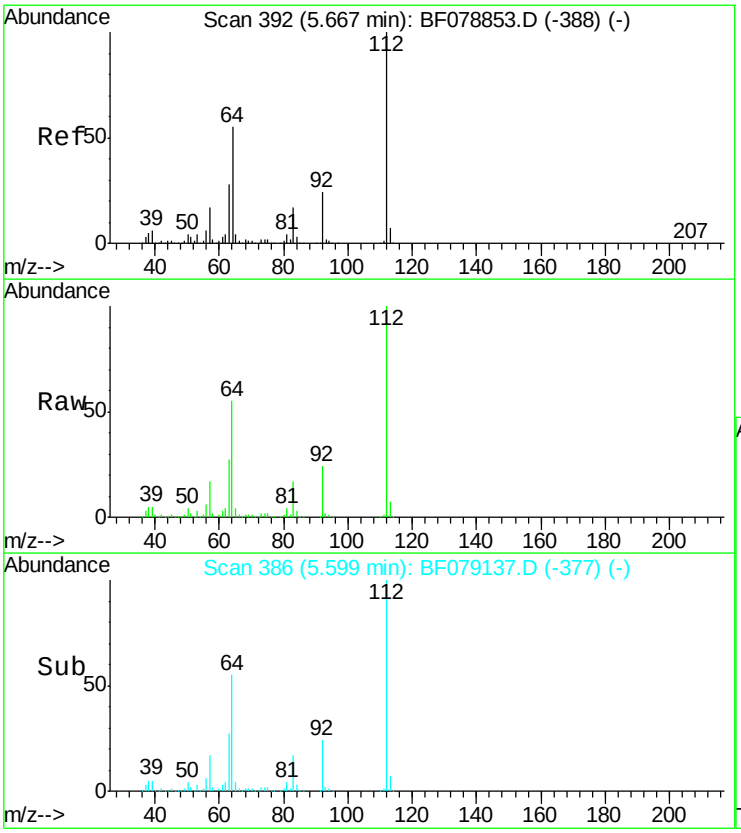

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

**Instrument :**
BNA_F
**ClientSampleId :**
JMW-2A

Tgt Ion:152 Resp: 64639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.1 | 122.0 | 183.0 |
| 115 | 53.0 | 46.3 | 69.5 |

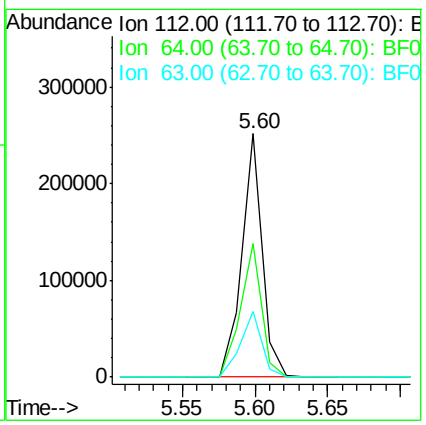


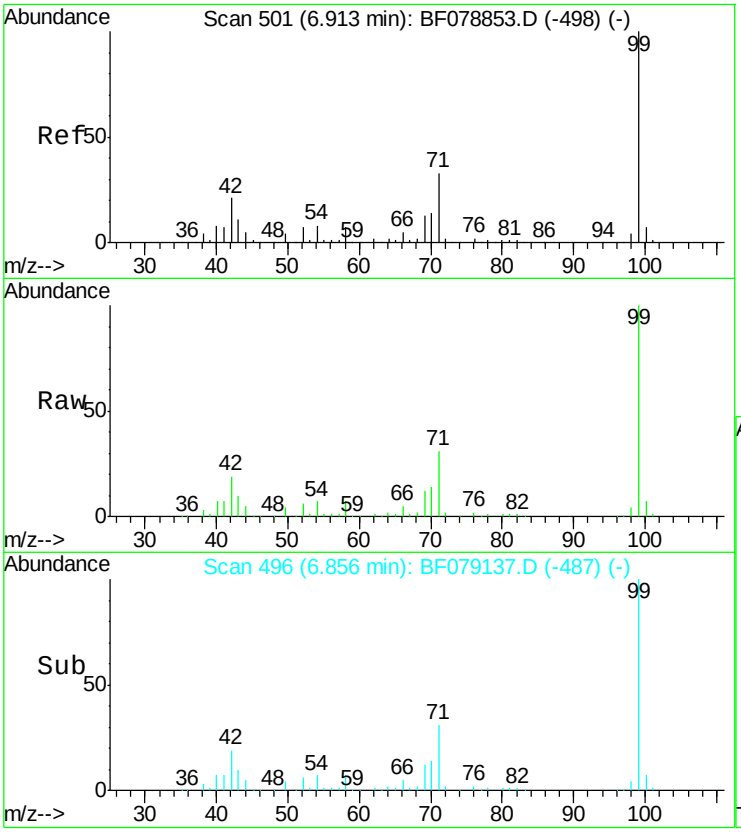




#5
2-Fluorophenol
Concen: 65.27 ng
RT: 5.60 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

Tgt Ion:112 Resp: 245105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.8 | 53.5 | 80.3 |
| 63 | 27.1 | 27.5 | 41.3# |



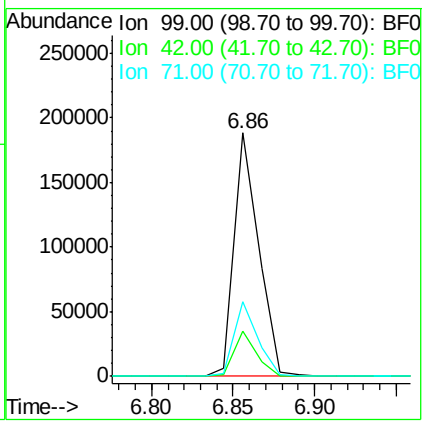


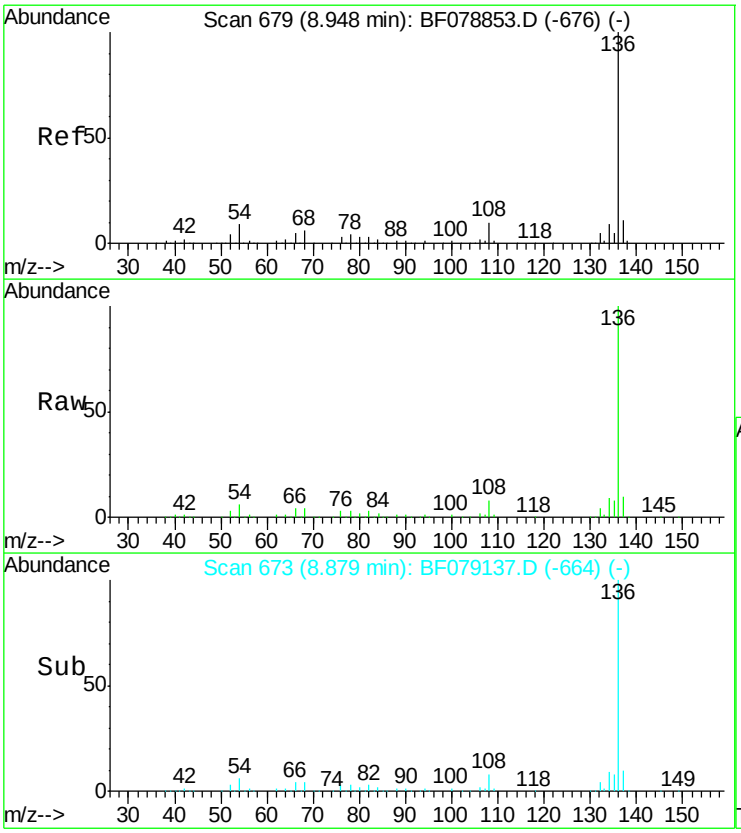

#7
Phenol-d6
Concen: 39.12 ng
RT: 6.86 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

**Instrument :**
BNA_F
**ClientSampleId :**
JMW-2A

Tgt Ion: 99 Resp: 194160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.6 | 12.8 | 19.2 |
| 71 | 30.8 | 23.4 | 35.2 |

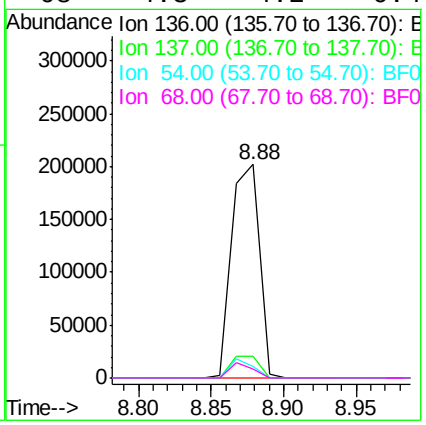


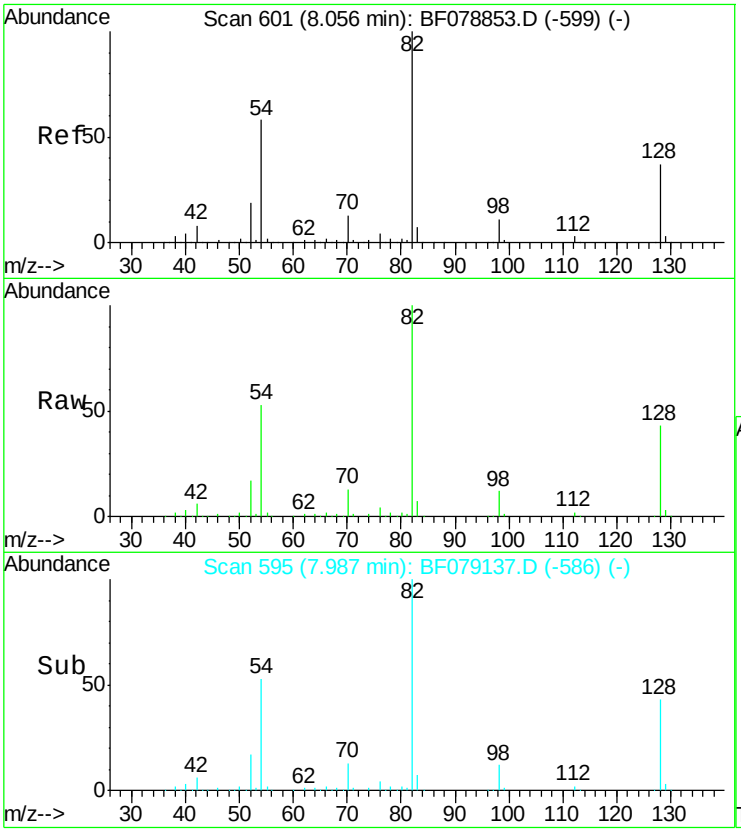




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.88 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

Tgt Ion:136 Resp: 270387

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.2 | 8.7 | 13.1 |
| 54 | 5.7 | 5.8 | 8.8# |
| 68 | 4.3 | 4.2 | 6.4 |



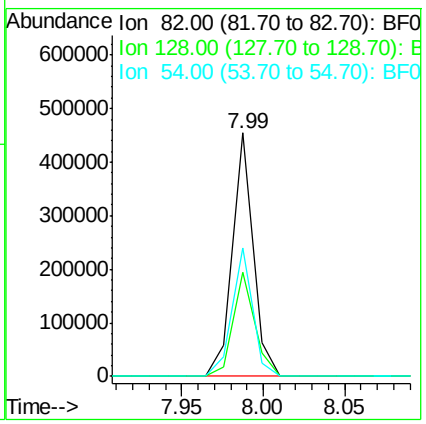


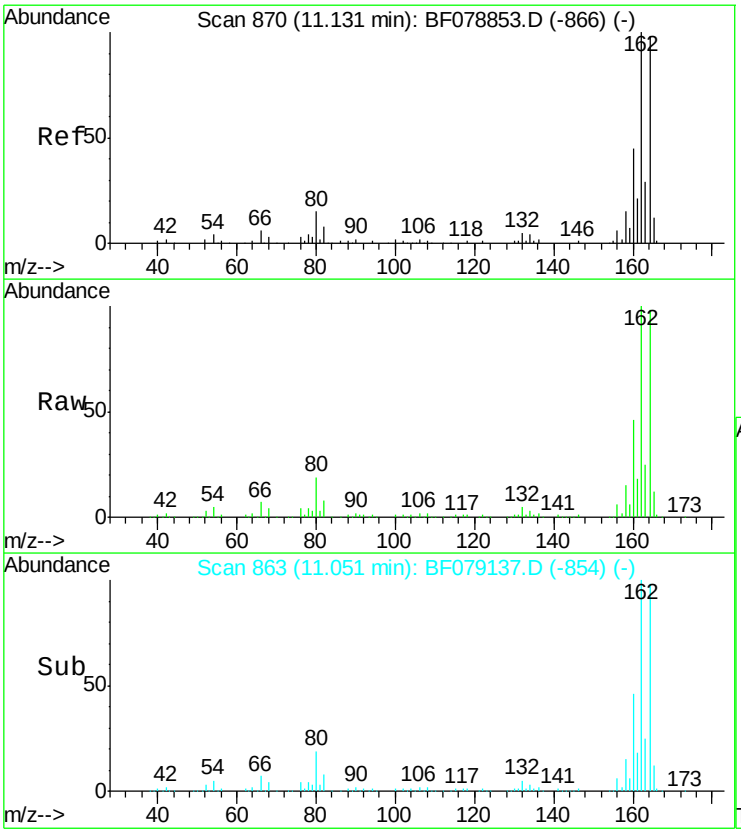

#23
Nitrobenzene-d5
Concen: 84.20 ng
RT: 7.99 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

**Instrument :**
BNA_F
**ClientSampleId :**
JMW-2A

Tgt Ion: 82 Resp: 396154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.7 | 30.0 | 45.0 |
| 54 | 52.7 | 46.4 | 69.6 |

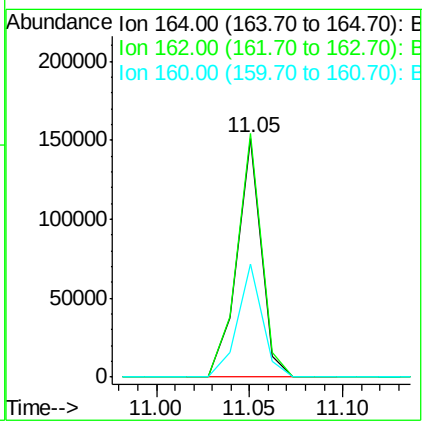


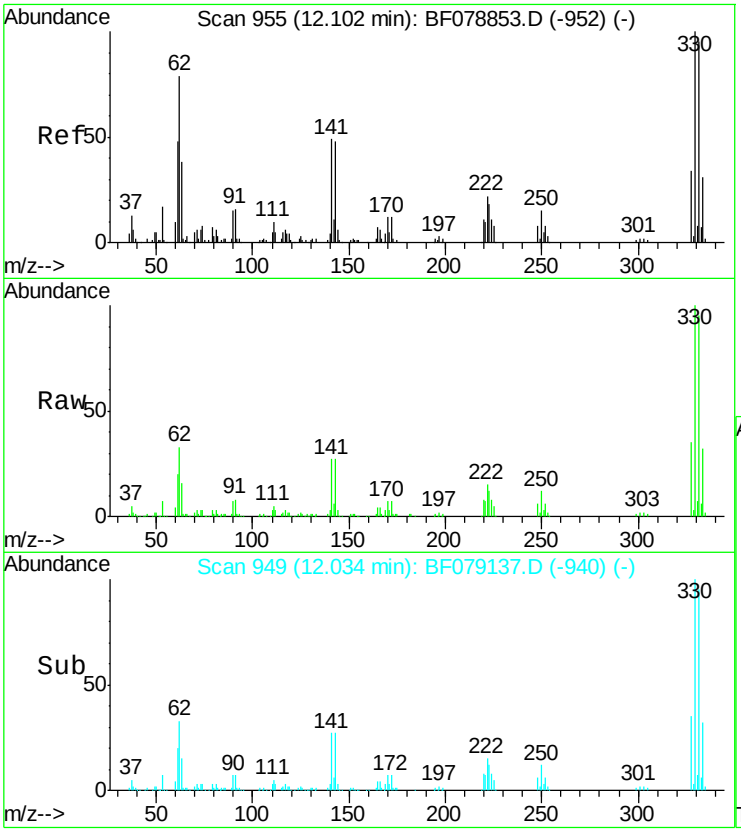




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

Tgt Ion:164 Resp: 138719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 82.7 | 124.1 |
| 160 | 47.4 | 35.8 | 53.8 |



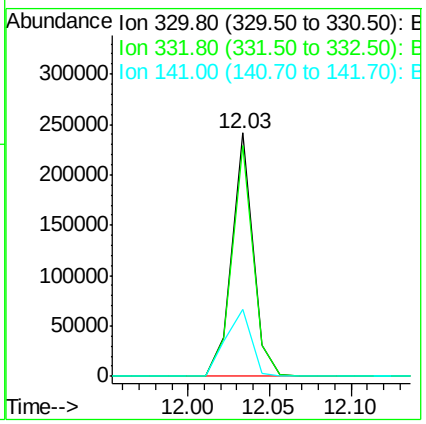


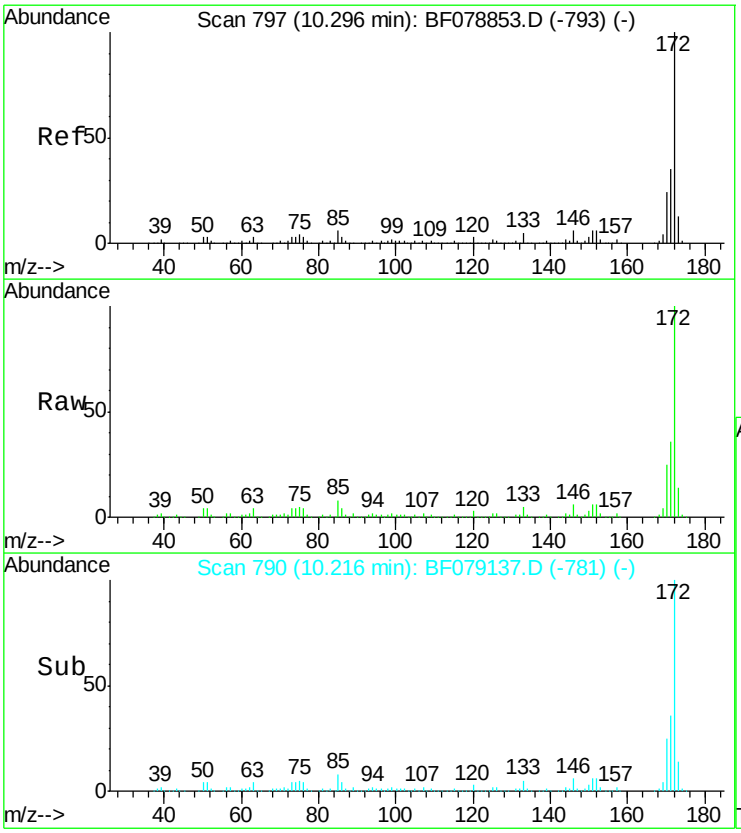

#41
2,4,6-Tribromophenol
Concen: 144.00 ng
RT: 12.03 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

**Instrument :**
BNA_F
**ClientSampleId :**
JMW-2A

Tgt Ion:330 Resp: 216105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.5 | 0.0 | 0.0# |
| 141 | 33.6 | 0.0 | 0.0# |

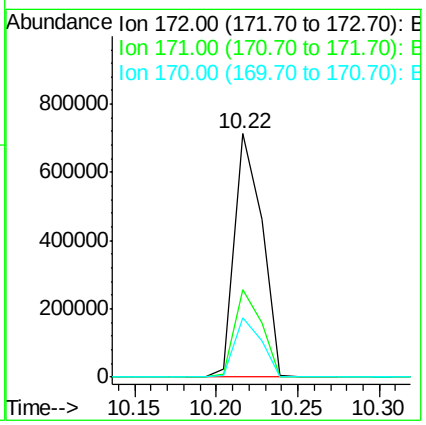


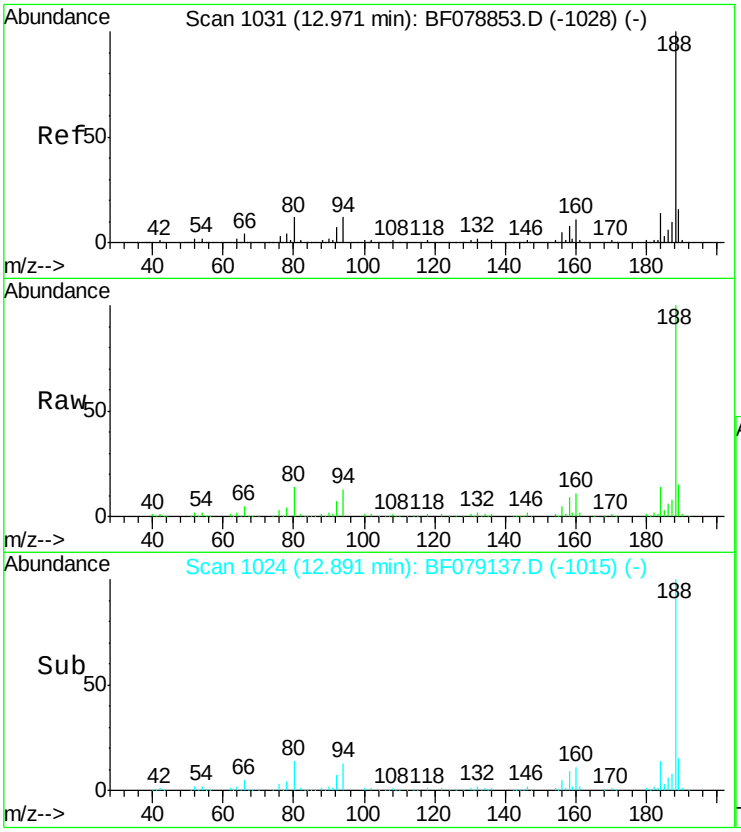




#44
2-Fluorobiphenyl
Concen: 83.32 ng
RT: 10.22 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

Tgt Ion:172 Resp: 829621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 27.9 | 41.9 |
| 170 | 24.5 | 19.4 | 29.0 |



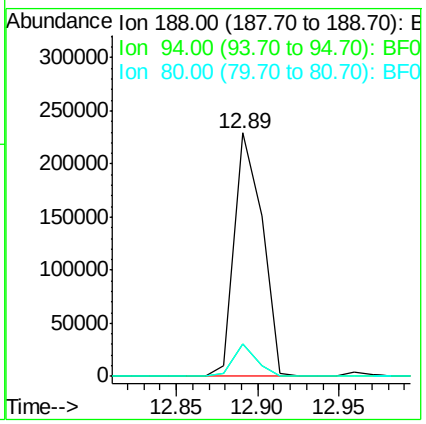


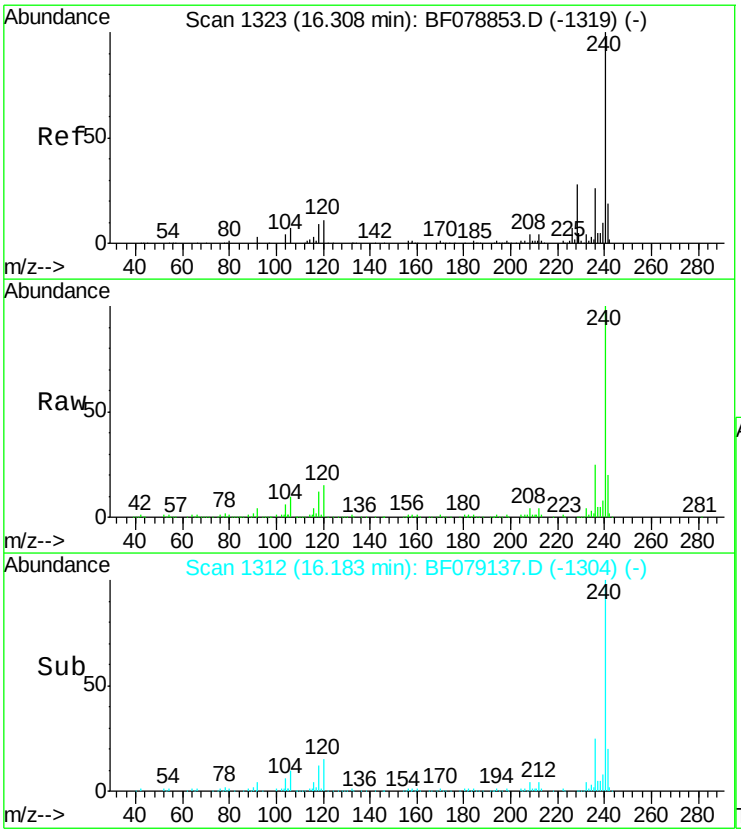

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

**Instrument :**
BNA_F
**ClientSampleId :**
JMW-2A

Tgt Ion:188 Resp: 270982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.1 | 8.2 | 12.2# |
| 80 | 13.5 | 8.9 | 13.3# |

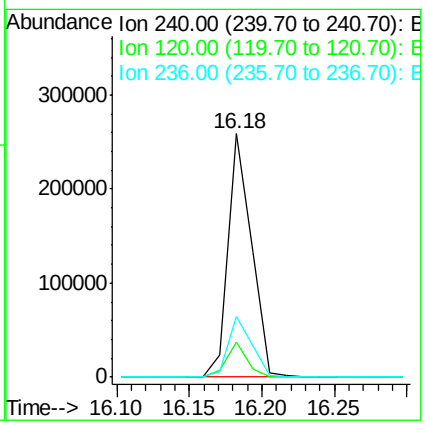


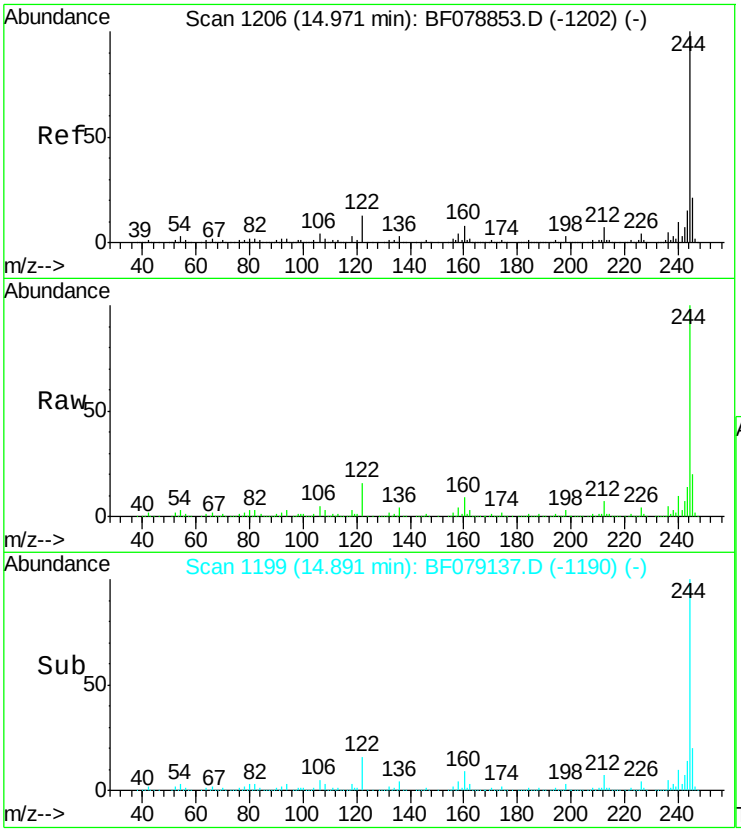




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

Tgt Ion:240 Resp: 290316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.5 | 9.7 | 14.5# |
| 236 | 25.1 | 20.2 | 30.4 |



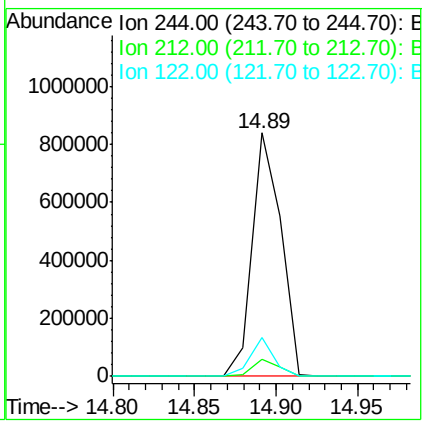


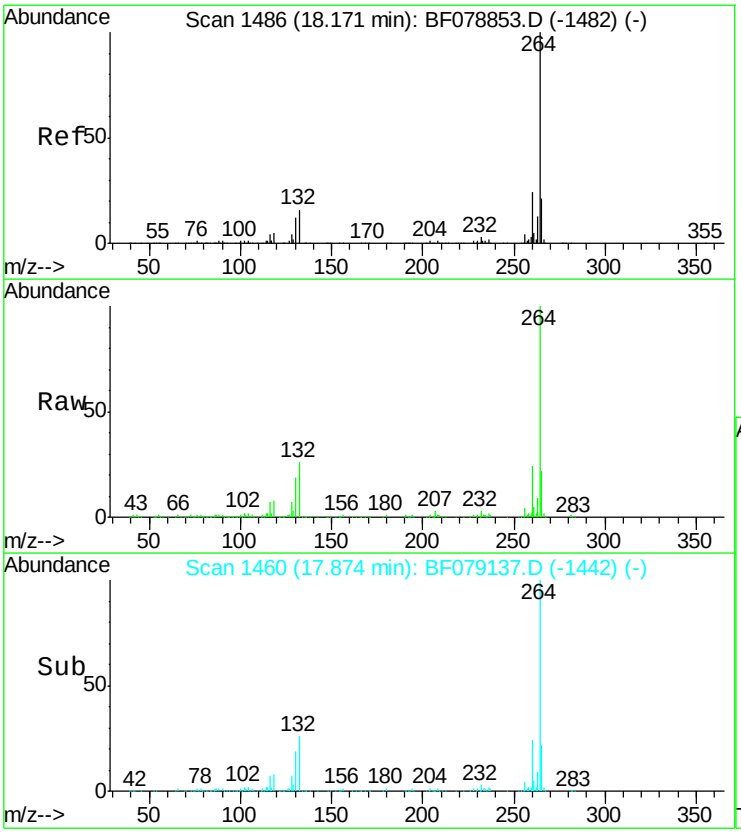

#78
Terphenyl-d14
Concen: 84.76 ng
RT: 14.89 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

**Instrument :**
BNA_F
**ClientSampleId :**
JMW-2A

Tgt Ion:244 Resp: 1027826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.6 | 8.4 |
| 122 | 15.8 | 10.3 | 15.5# |




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1460
Delta R.T. -0.09 min
Lab File: BF079137.D
Acq: 12 May 2015 3:19

Tgt Ion:264 Resp: 294939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.4 | 29.2 |
| 265 | 22.2 | 18.3 | 27.5 |