Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078123.D
Acq On : 31 Mar 2015 19:34
Operator : TP/IZ
Sample : G1698-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** Z2-0116

Quant Time: Apr 01 01:24:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 00:51:03 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.05 | 152 | 39221 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.62 | 136 | 157292 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.78 | 164 | 81609 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 12.63 | 188 | 158375 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 15.89 | 240 | 162718 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 17.60 | 264 | 153844 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.33 | 112 | 128310 | 57.10 | ng | 0.00 |
| 7) Phenol-d6 | 6.64 | 99 | 95933 | 34.56 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.74 | 82 | 241414 | 100.61 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 11.77 | 330 | 93851 | 120.20 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.97 | 172 | 528310 | 95.14 | ng | 0.00 |
| 78) Terphenyl-d14 | 14.61 | 244 | 540992 | 81.21 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078123.D
Acq On : 31 Mar 2015 19:34
Operator : TP/IZ
Sample : G1698-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
Z2-0116

Quant Time: Apr 01 01:24:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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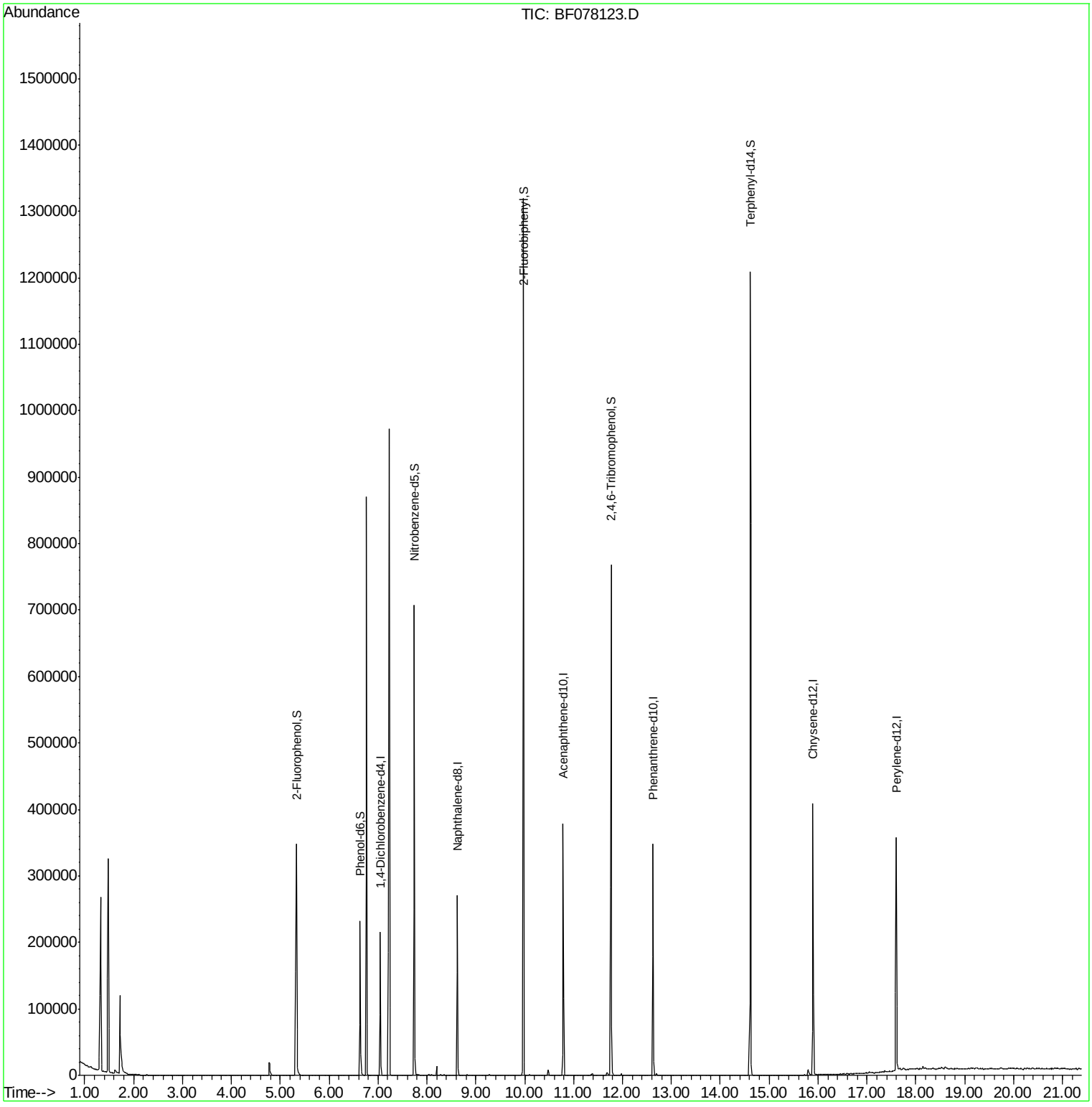
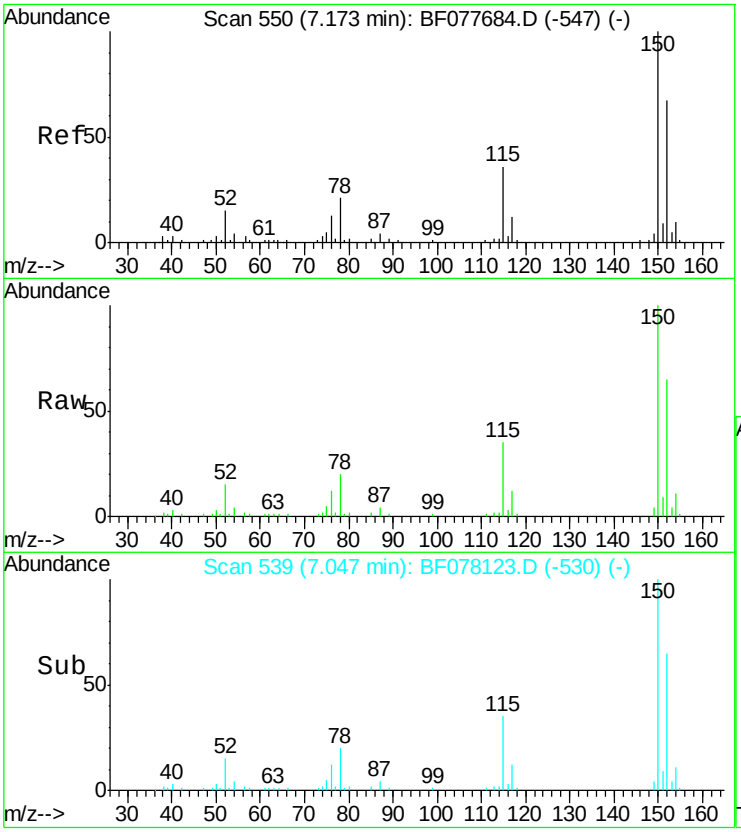
Response via : Initial Calibration



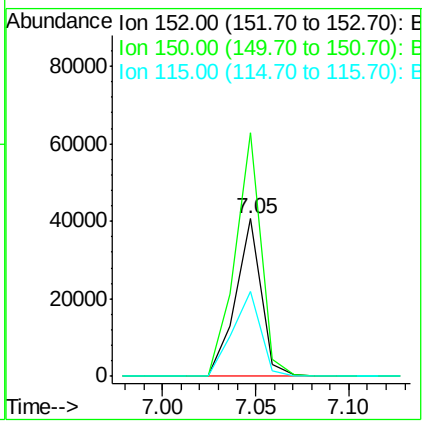


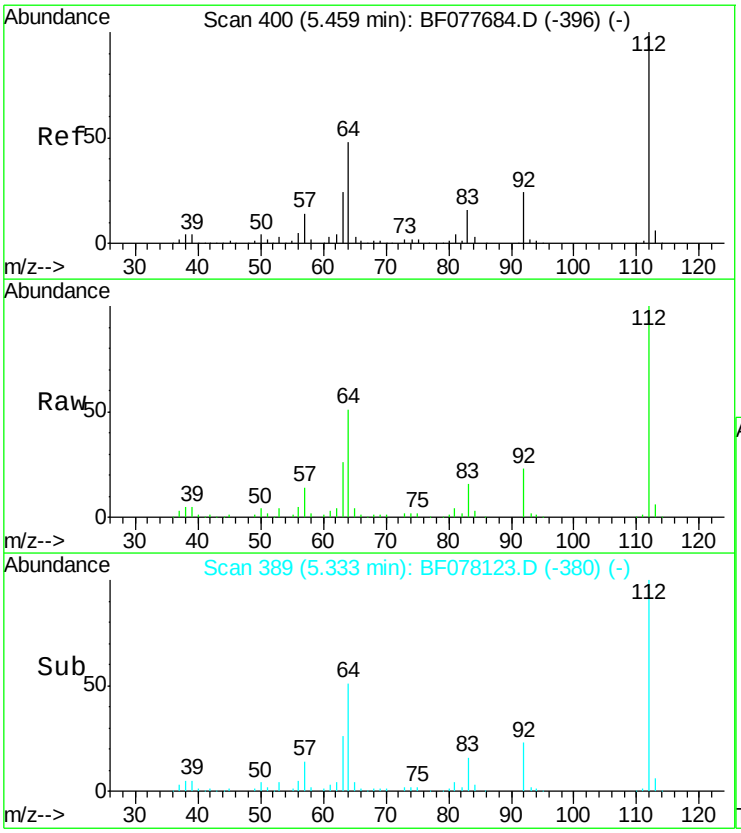

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

**Instrument :**
BNA_F
**ClientSampleId :**
Z2-0116

Tgt Ion:152 Resp: 39221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.3 | 119.5 | 179.3 |
| 115 | 53.9 | 43.0 | 64.4 |

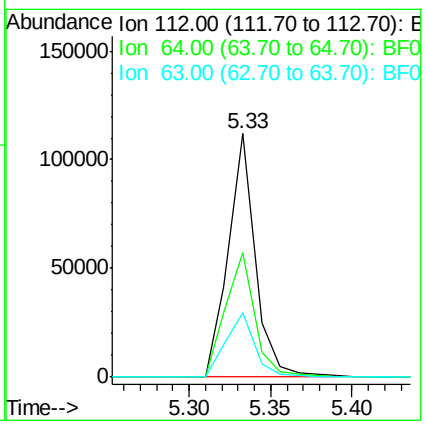


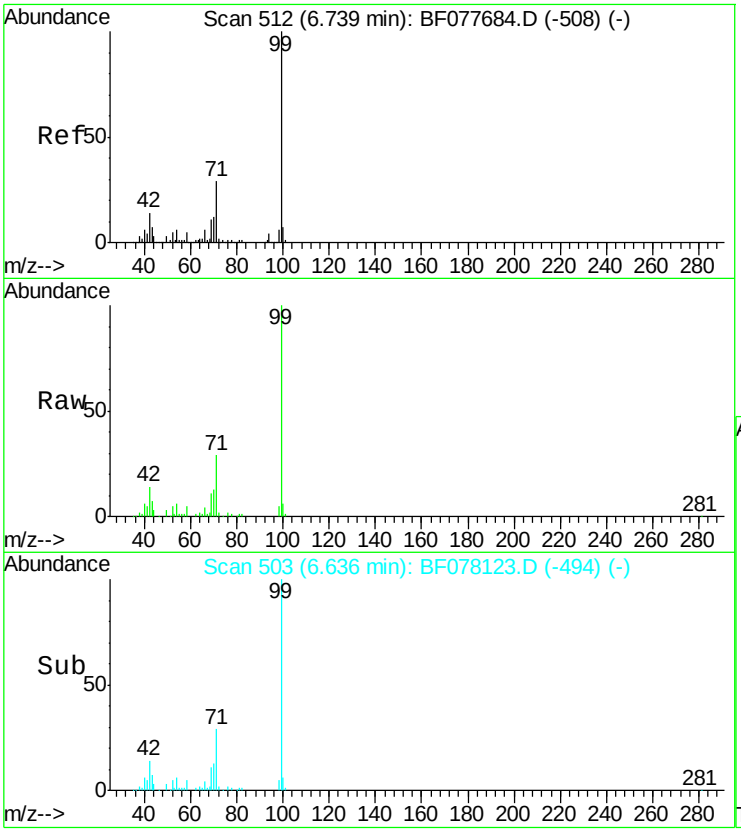




#5
2-Fluorophenol
Concen: 57.10 ng
RT: 5.33 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

Tgt Ion:112 Resp: 128310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.4 | 38.6 | 57.8 |
| 63 | 26.2 | 19.3 | 28.9 |



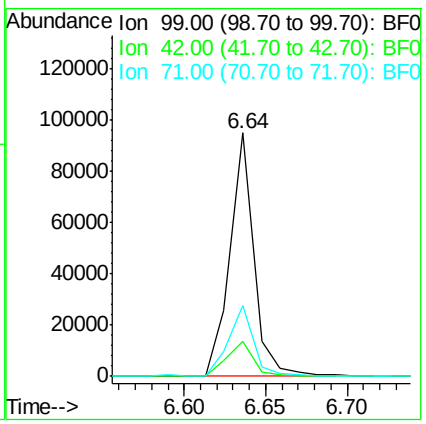


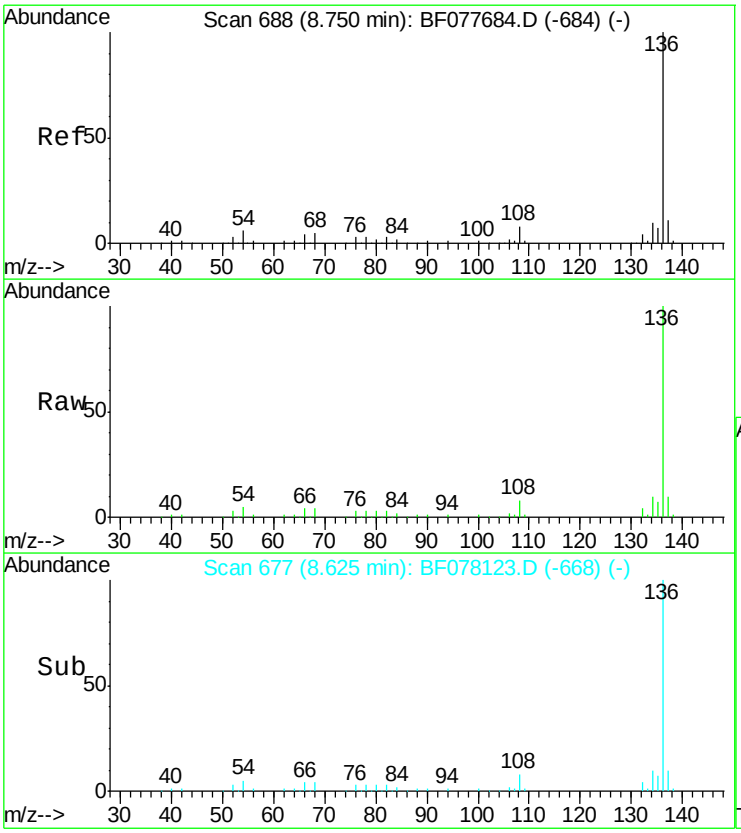

#7
Phenol-d6
Concen: 34.56 ng
RT: 6.64 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

**Instrument :**
BNA_F
**ClientSampleId :**
Z2-0116

Tgt Ion: 99 Resp: 95933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.4 | 11.0 | 16.4 |
| 71 | 29.1 | 23.4 | 35.2 |

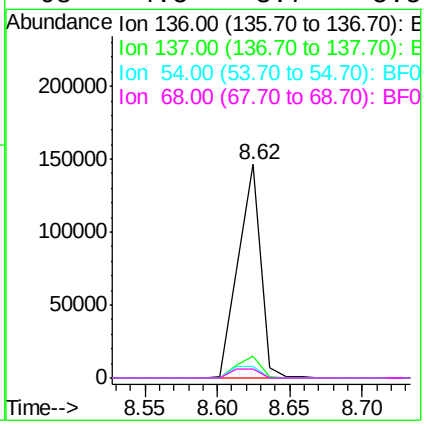


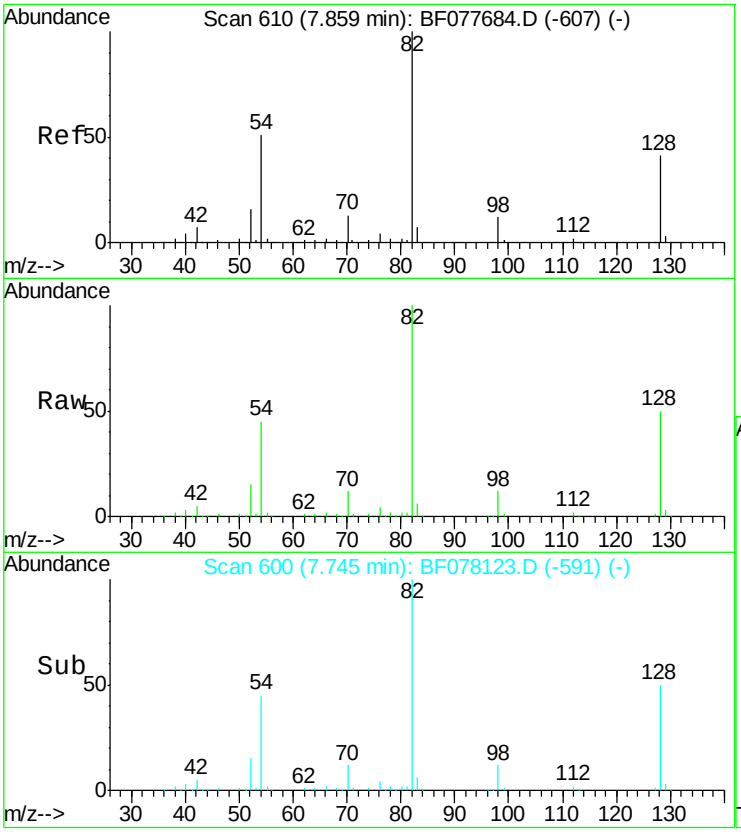




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

Tgt Ion:136 Resp: 157292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 8.7 | 13.1 |
| 54 | 5.4 | 4.6 | 6.8 |
| 68 | 4.5 | 3.7 | 5.5 |



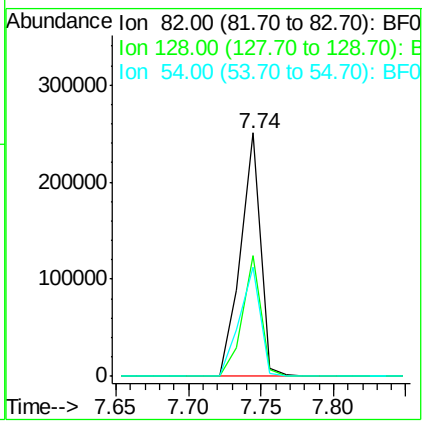


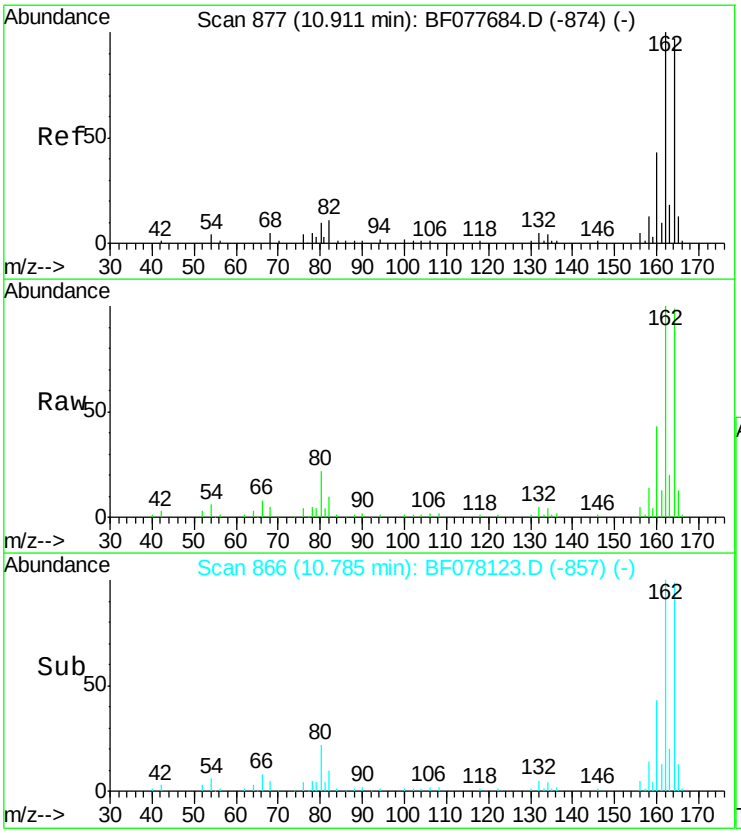

#23
Nitrobenzene-d5
Concen: 100.61 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

**Instrument :**
BNA_F
**ClientSampleId :**
Z2-0116

Tgt Ion: 82 Resp: 241414

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.6 | 32.8 | 49.2# |
| 54 | 44.8 | 40.6 | 60.8 |

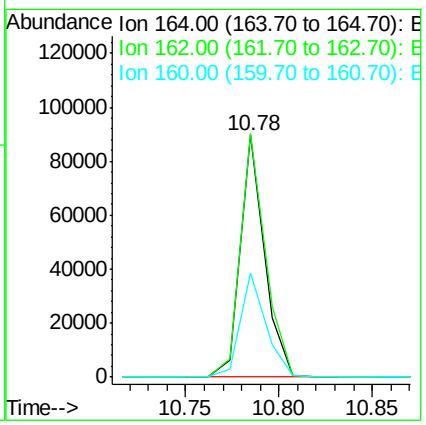


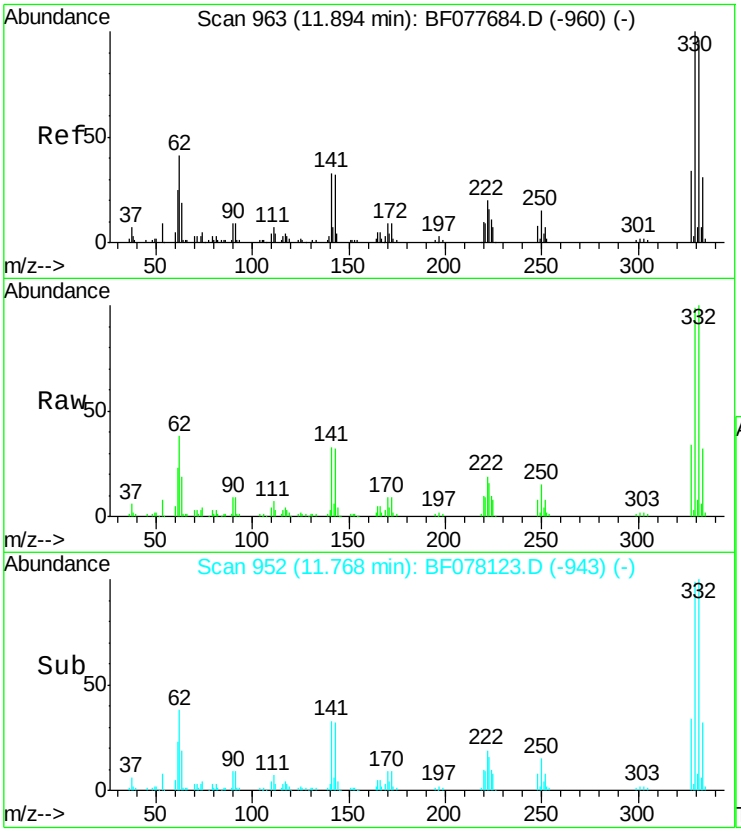




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.78 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

Tgt Ion:164 Resp: 81609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.5 | 82.4 | 123.6 |
| 160 | 42.9 | 35.8 | 53.6 |



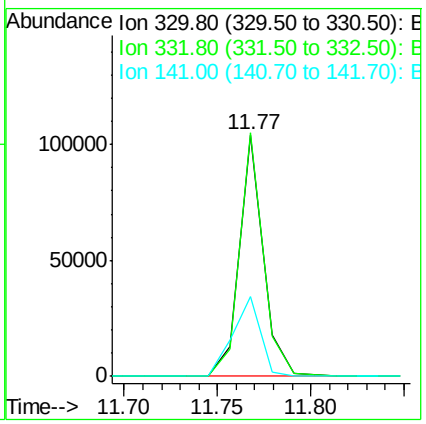


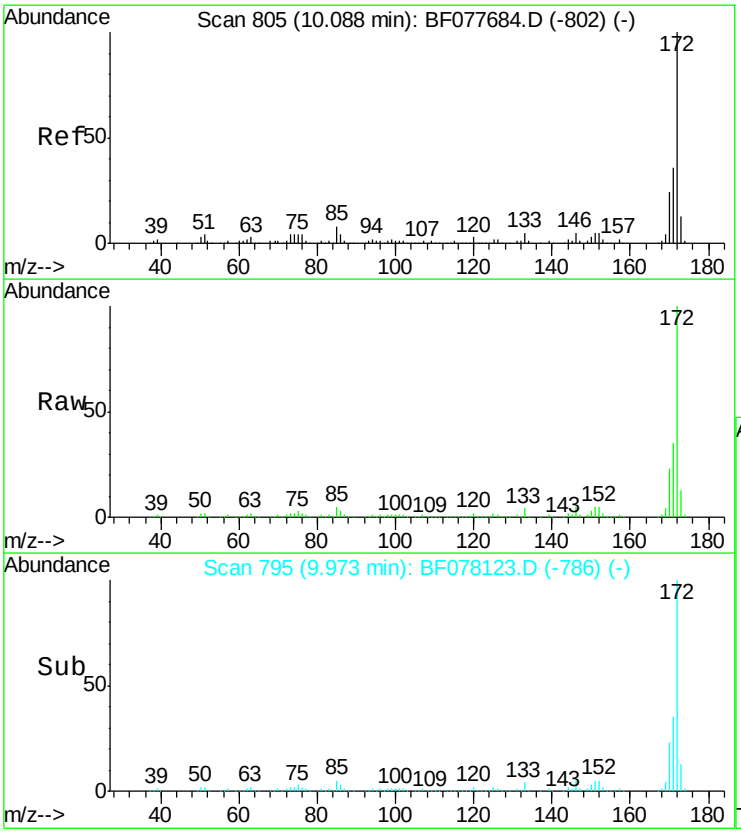

#41
2,4,6-Tribromophenol
Concen: 120.20 ng
RT: 11.77 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

**Instrument :**
BNA_F
**ClientSampleId :**
Z2-0116

Tgt Ion:330 Resp: 93851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.8 | 0.0 | 0.0# |
| 141 | 38.4 | 0.0 | 0.0# |

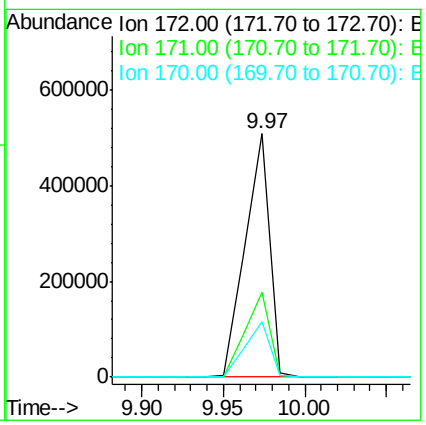


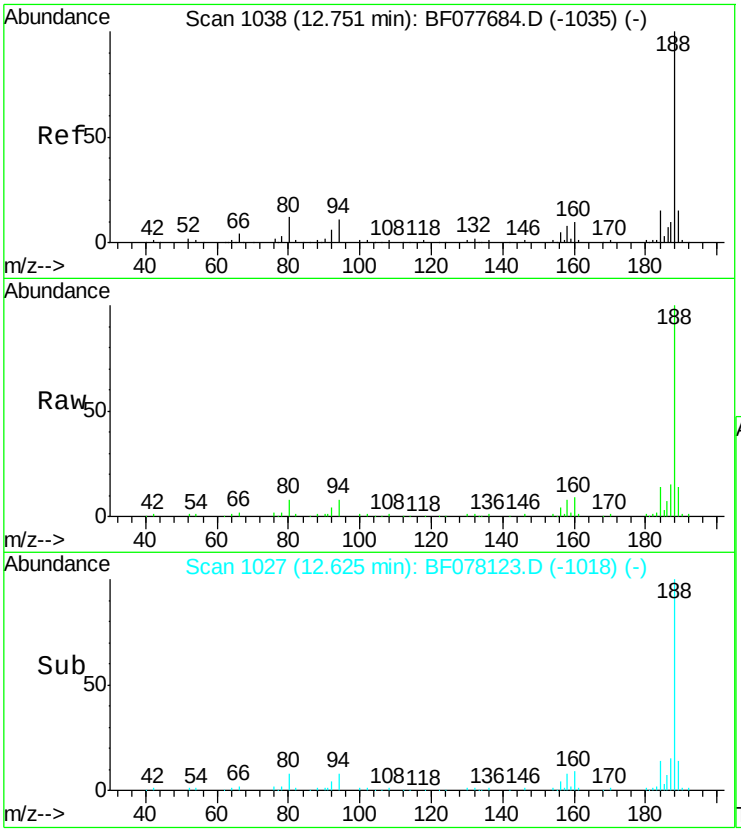




#44
2-Fluorobiphenyl
Concen: 95.14 ng
RT: 9.97 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

Tgt Ion:172 Resp: 528310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 28.5 | 42.7 |
| 170 | 23.0 | 18.8 | 28.2 |



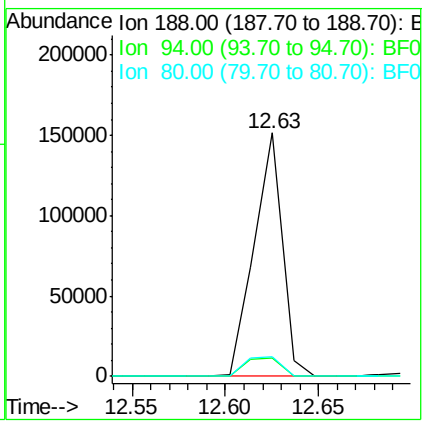


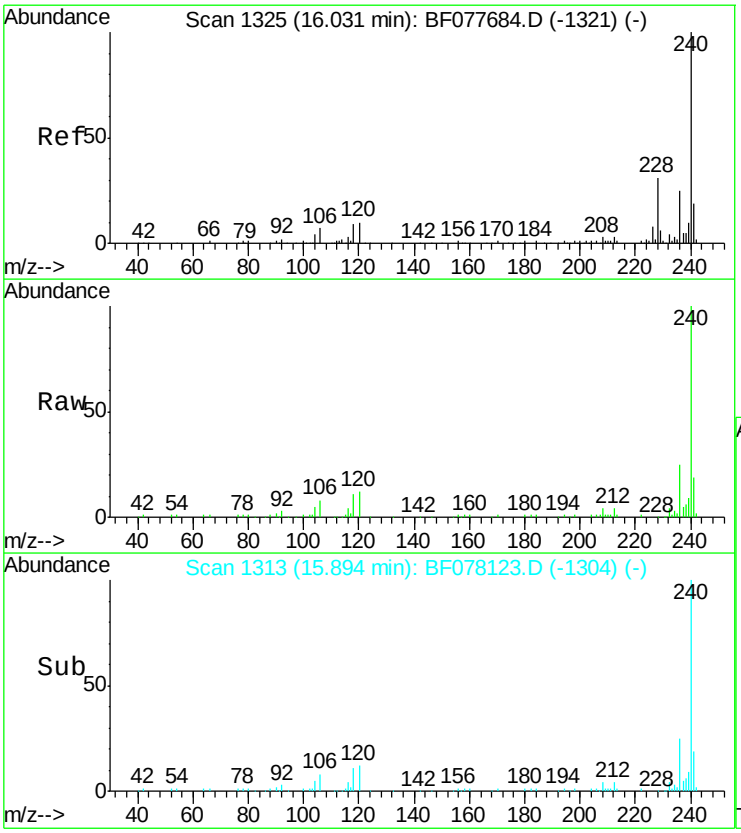

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

**Instrument :**
BNA_F
**ClientSampleId :**
Z2-0116

Tgt Ion:188 Resp: 158375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.7 | 8.7 | 13.1# |
| 80 | 8.2 | 9.3 | 13.9# |

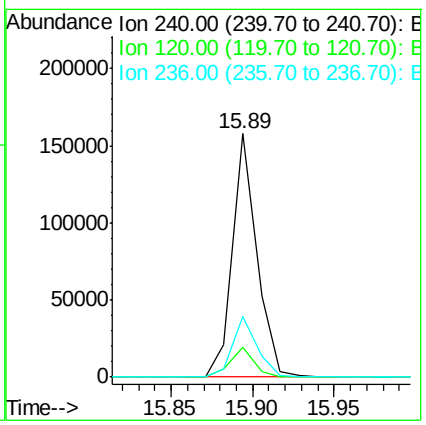


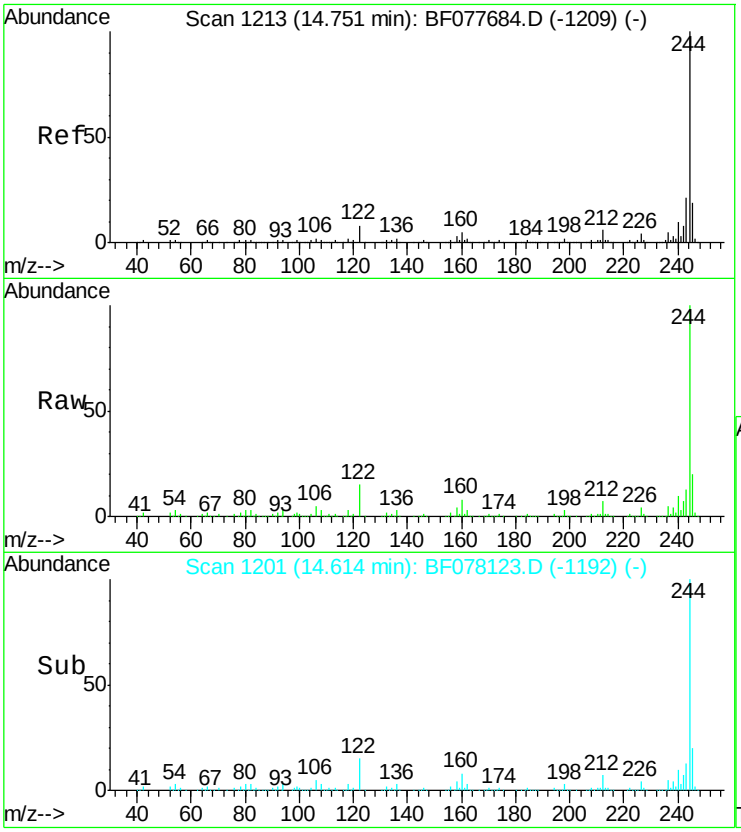




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

Tgt Ion:240 Resp: 162718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.5 | 8.2 | 12.2# |
| 236 | 24.8 | 20.0 | 30.0 |



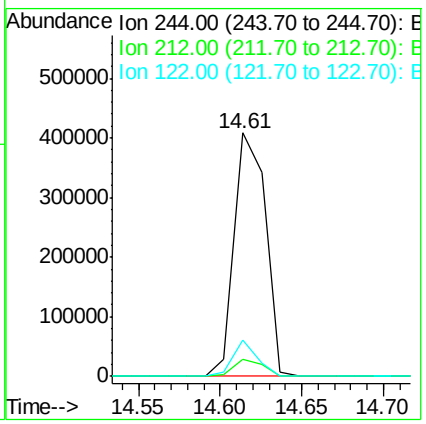


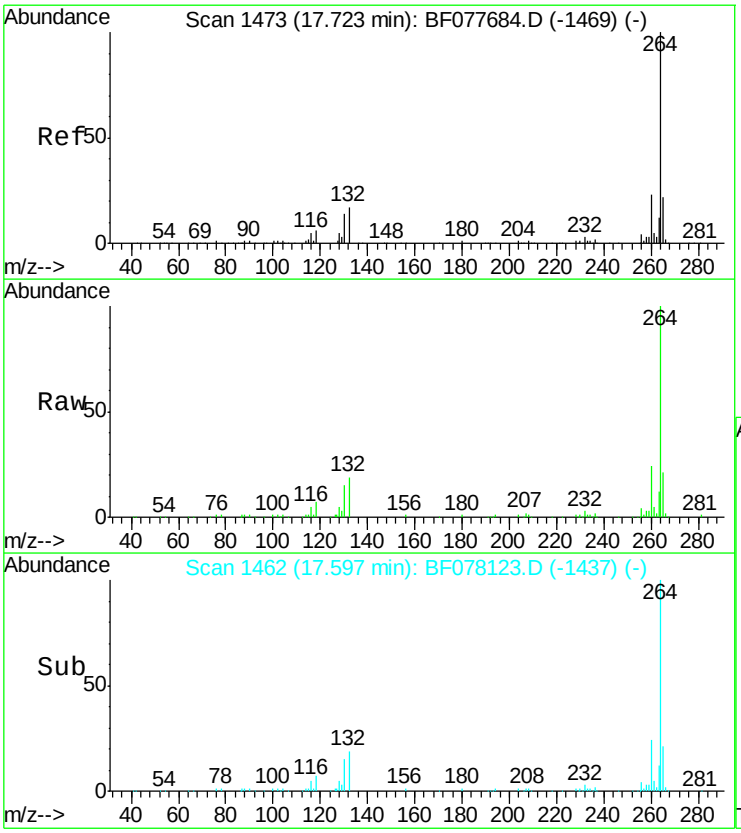

#78
Terphenyl-d14
Concen: 81.21 ng
RT: 14.61 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

**Instrument :**
BNA_F
**ClientSampleId :**
Z2-0116

Tgt Ion:244 Resp: 540992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 4.9 | 7.3 |
| 122 | 15.2 | 6.2 | 9.4# |




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.60 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF078123.D
Acq: 31 Mar 2015 19:34

Tgt Ion:264 Resp: 153844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 18.6 | 27.8 |
| 265 | 21.3 | 17.3 | 25.9 |