Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080615\
Data File : BF080896.D
Acq On : 6 Aug 2015 18:59
Operator : TP/UM
Sample : PB84873BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB84873BL

Quant Time: Aug 07 04:50:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.81 | 152 | 57643 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.09 | 136 | 209035 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 9.85 | 164 | 104780 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 222622 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.95 | 240 | 219804 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.36 | 264 | 190574 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 332759 | 92.03 | ng | 0.01 |
| 7) Phenol-d6 | 6.43 | 99 | 443581 | 89.11 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 242244 | 54.59 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.64 | 330 | 99283 | 88.22 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.17 | 172 | 492107 | 66.94 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.91 | 244 | 552150 | 52.96 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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Acq On : 6 Aug 2015 18:59
Operator : TP/UM
Sample : PB84873BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB84873BL

Quant Time: Aug 07 04:50:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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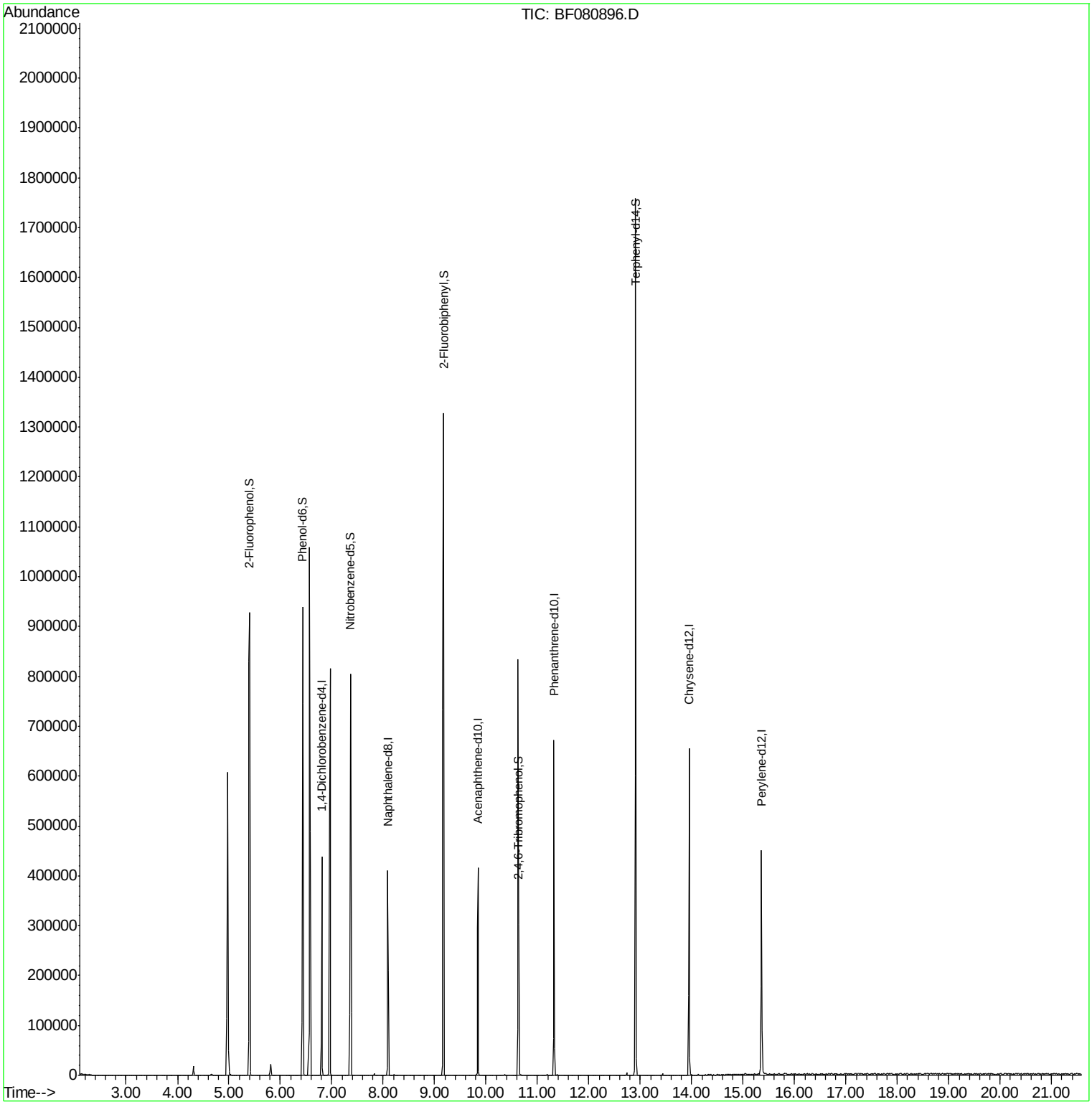
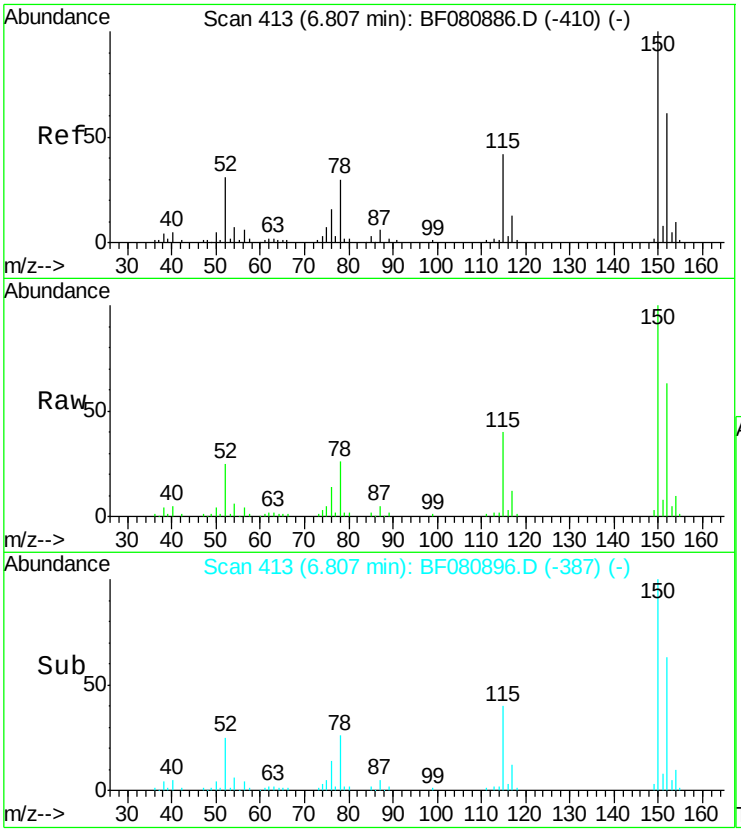
Response via : Initial Calibration



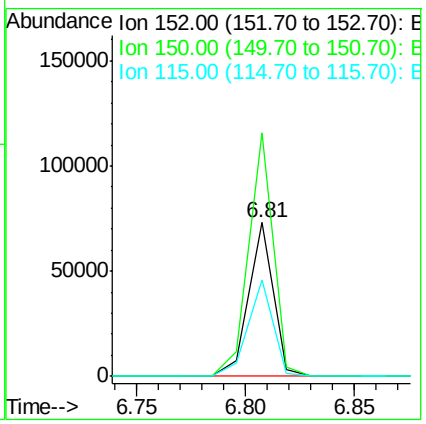


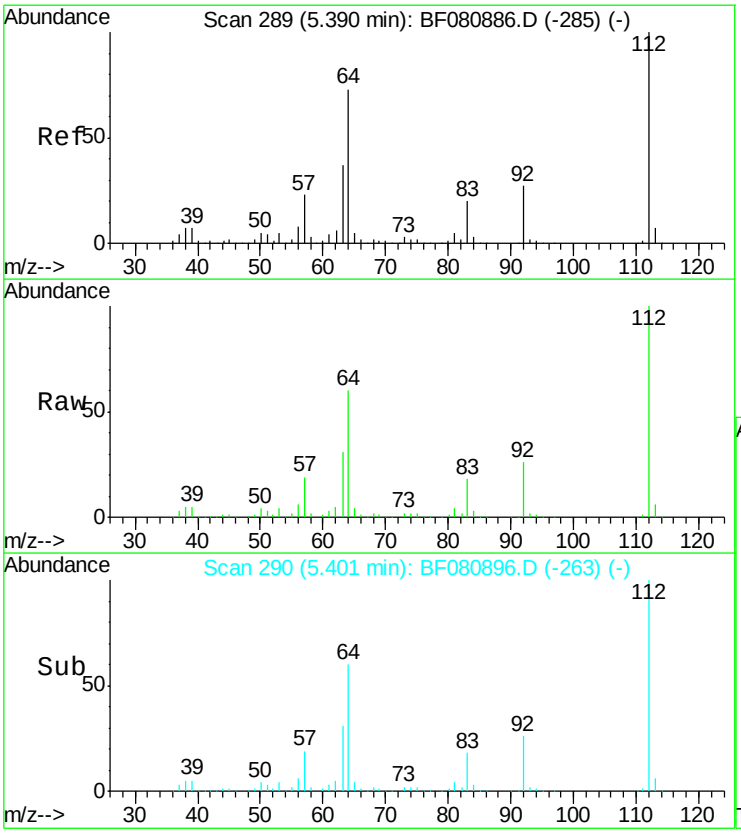

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

**Instrument :**
BNA_F
**ClientSampleId :**
PB84873BL

Tgt Ion:152 Resp: 57643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.3 | 132.2 | 198.2 |
| 115 | 62.6 | 54.9 | 82.3 |

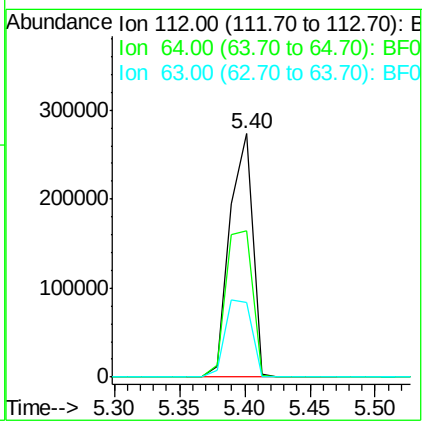


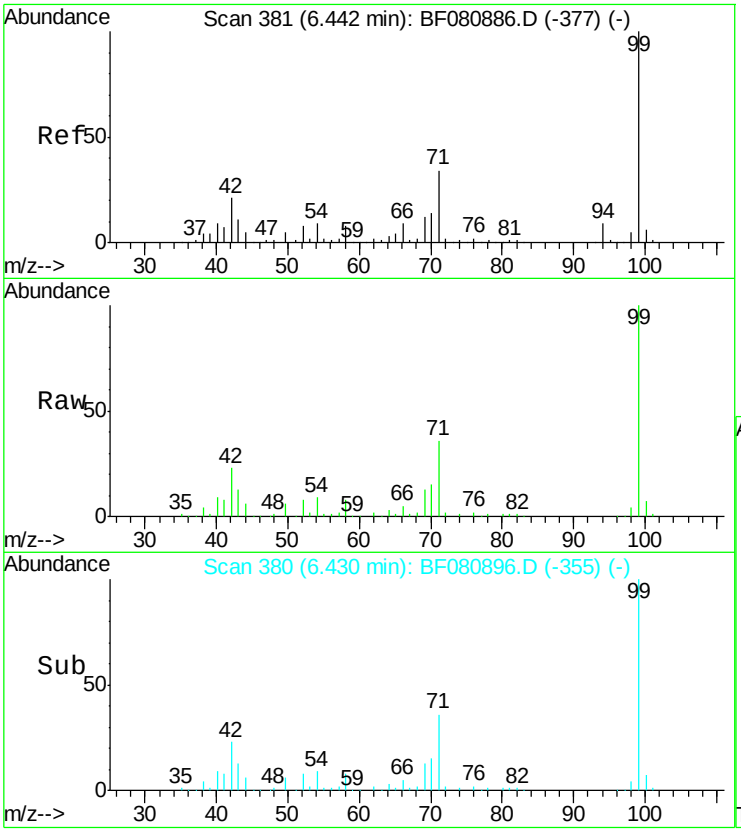




#5
2-Fluorophenol
Concen: 92.03 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:112 Resp: 332759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.2 | 58.0 | 87.0 |
| 63 | 30.8 | 29.8 | 44.8 |



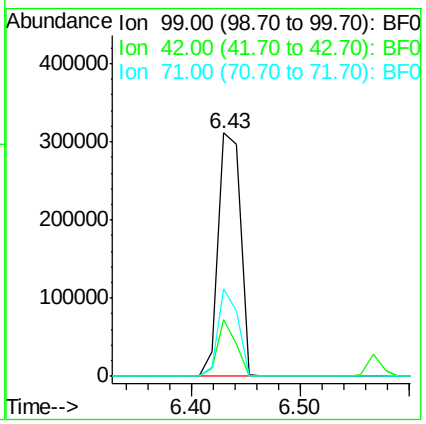


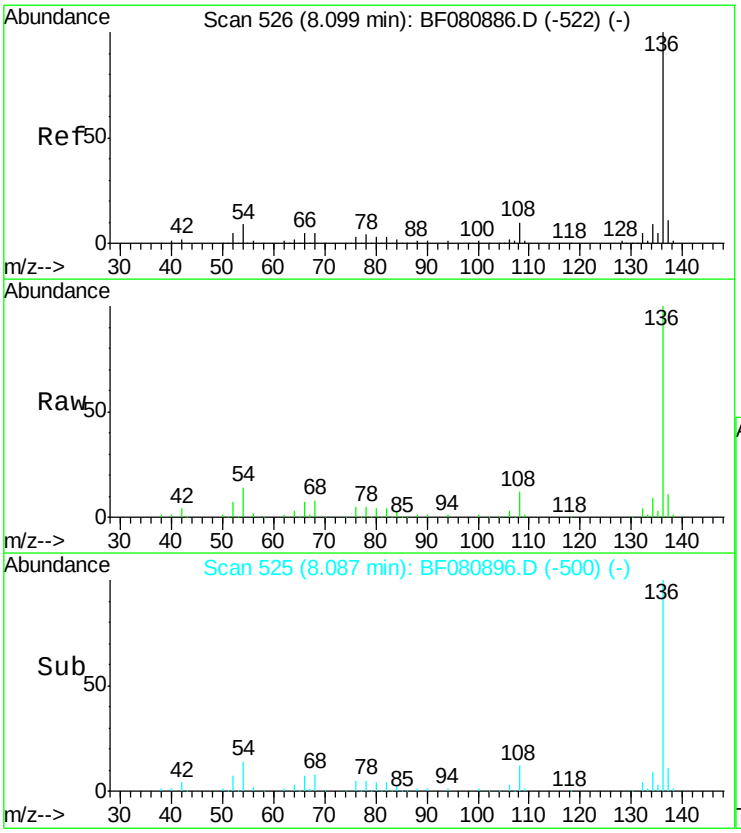

#7
Phenol-d6
Concen: 89.11 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

**Instrument :**
BNA_F
**ClientSampleId :**
PB84873BL

Tgt Ion: 99 Resp: 443581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.3 | 16.8 | 25.2 |
| 71 | 36.1 | 27.4 | 41.0 |

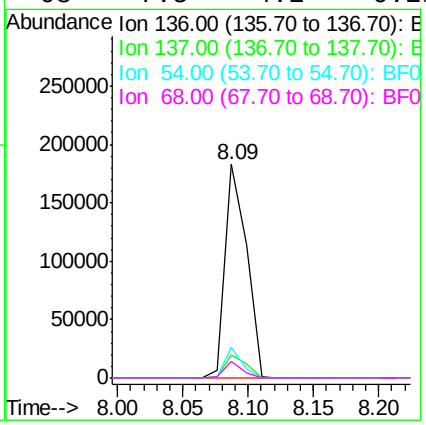


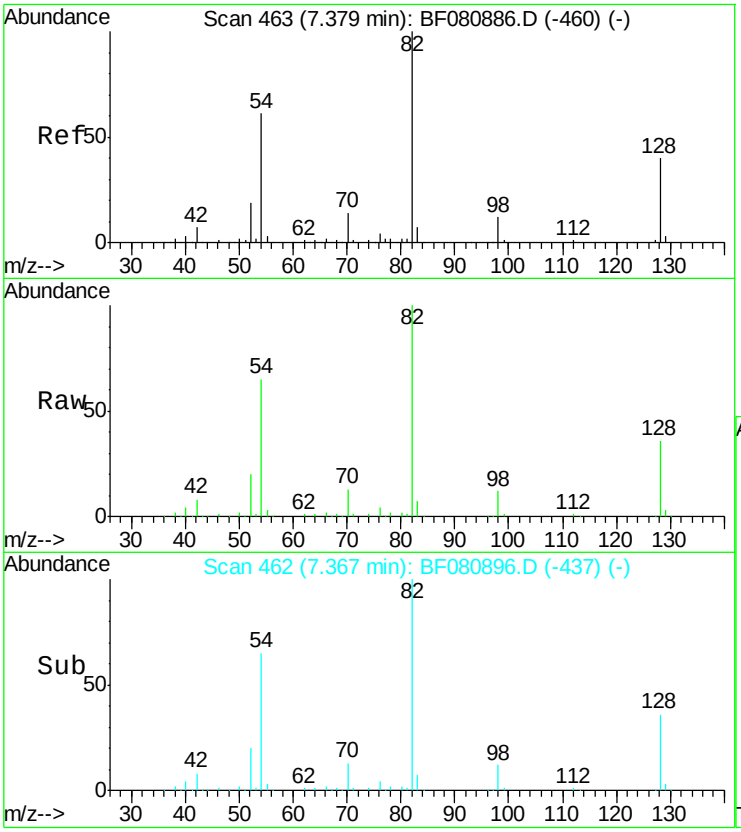




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:136 Resp: 209035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.6 | 12.8 |
| 54 | 14.4 | 7.5 | 11.3# |
| 68 | 7.5 | 4.2 | 6.2# |



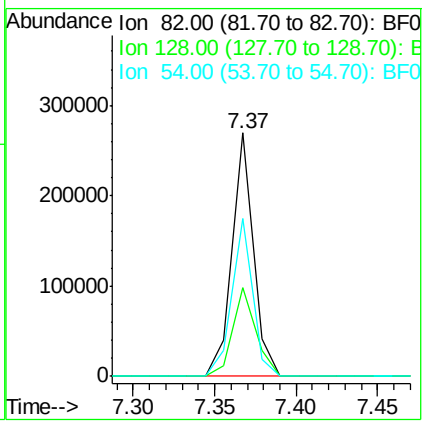


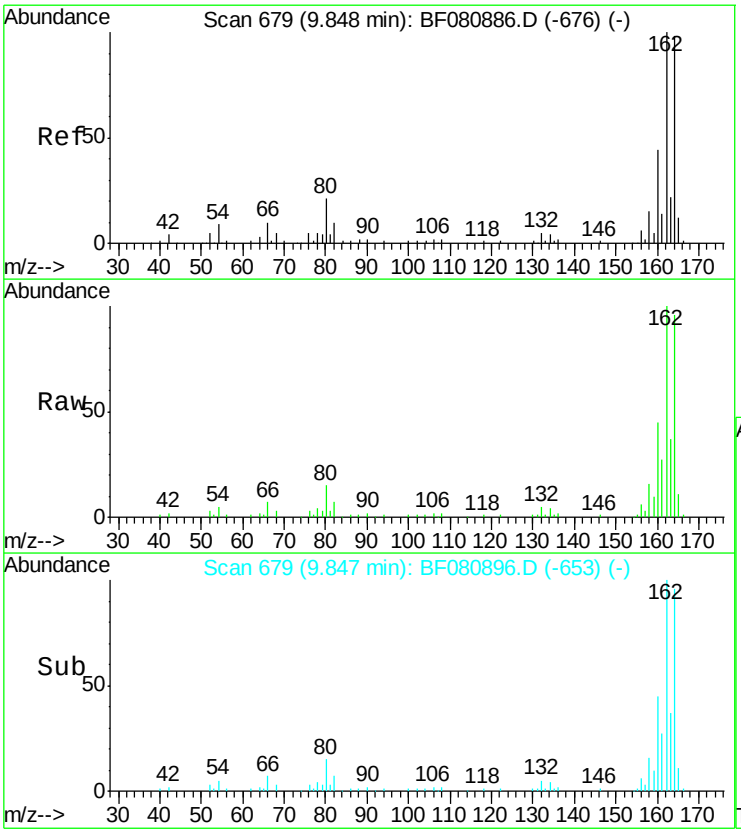

#23
Nitrobenzene-d5
Concen: 54.59 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

**Instrument :**
BNA_F
**ClientSampleId :**
PB84873BL

Tgt Ion: 82 Resp: 242244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.5 | 31.8 | 47.6 |
| 54 | 64.7 | 48.6 | 72.8 |

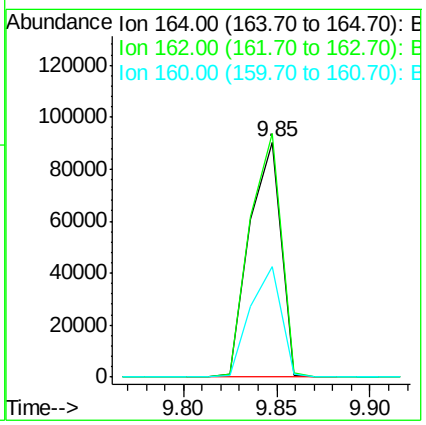


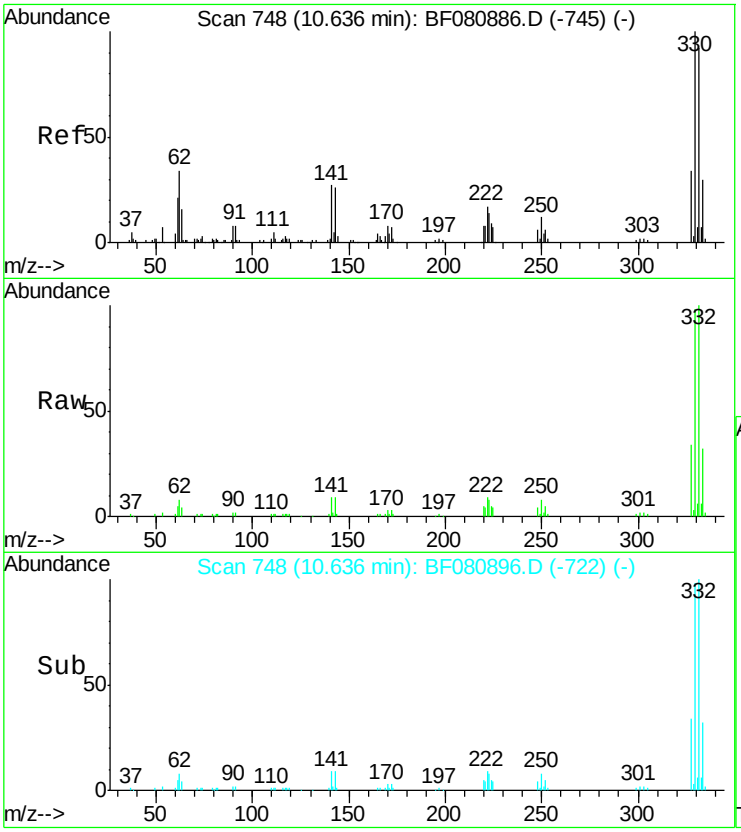




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:164 Resp: 104780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.8 | 81.5 | 122.3 |
| 160 | 47.0 | 35.9 | 53.9 |



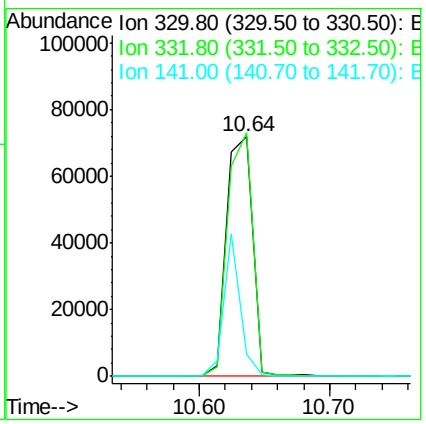


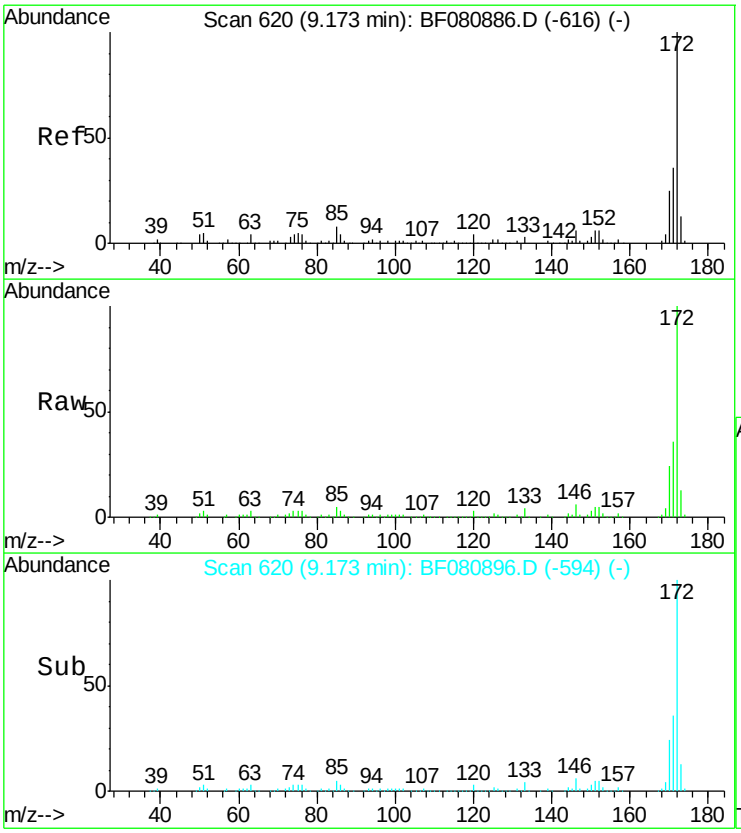

#41
2,4,6-Tribromophenol
Concen: 88.22 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

**Instrument :**
BNA_F
**ClientSampleId :**
PB84873BL

Tgt Ion:330 Resp: 99283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 74.1 | 111.1 |
| 141 | 37.6 | 30.1 | 45.1 |

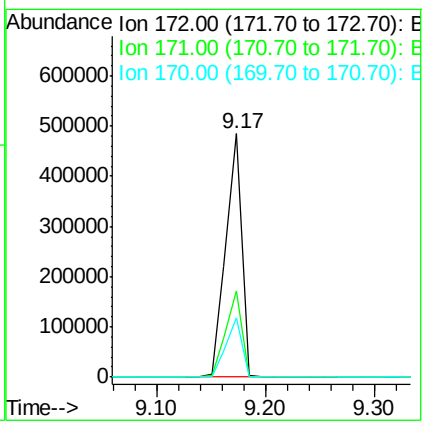


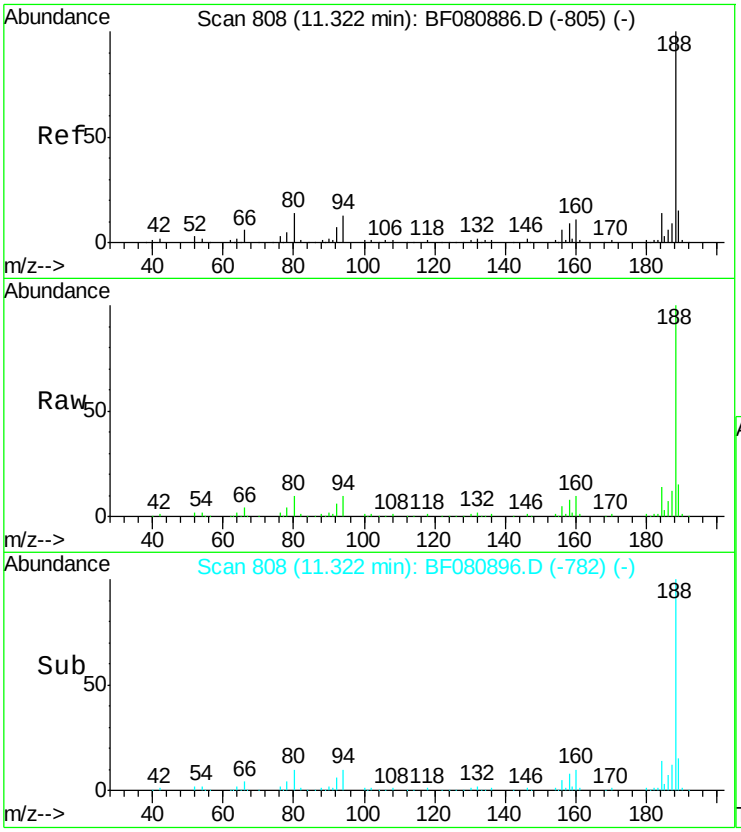




#44
2-Fluorobiphenyl
Concen: 66.94 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:172 Resp: 492107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 29.0 | 43.4 |
| 170 | 24.3 | 19.9 | 29.9 |



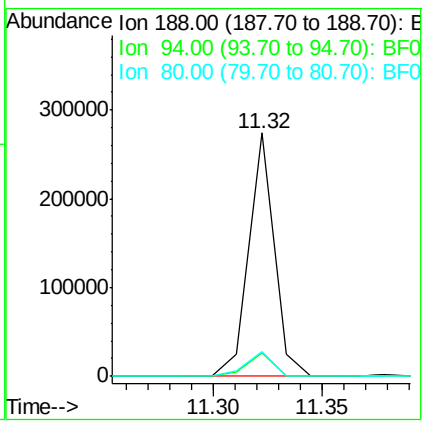


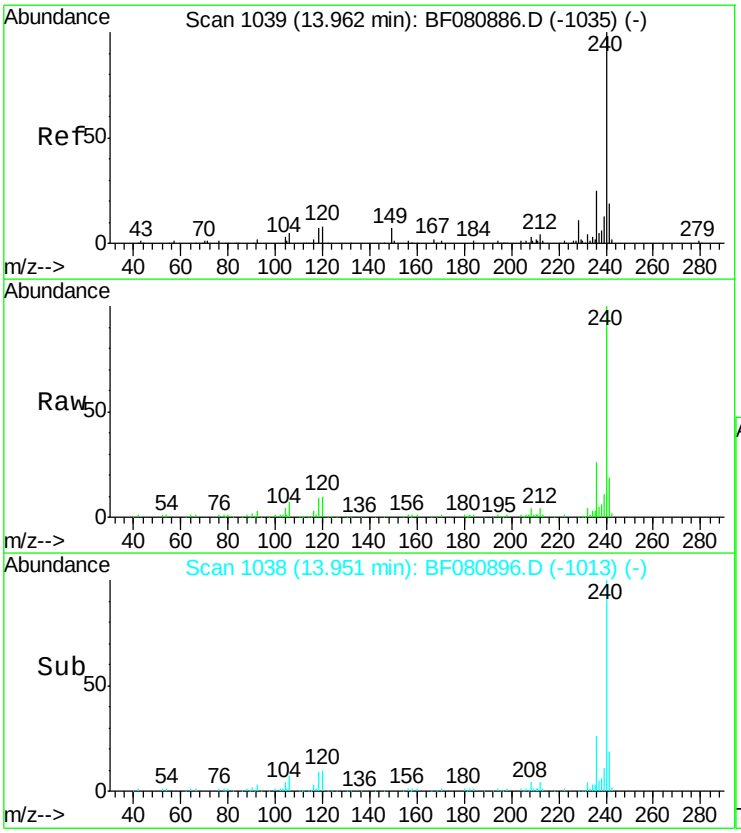

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

**Instrument :**
BNA_F
**ClientSampleId :**
PB84873BL

Tgt Ion:188 Resp: 222622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.8 | 10.2 | 15.2# |
| 80 | 10.3 | 11.4 | 17.2# |

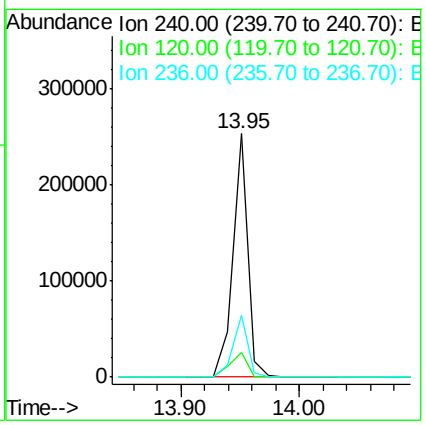


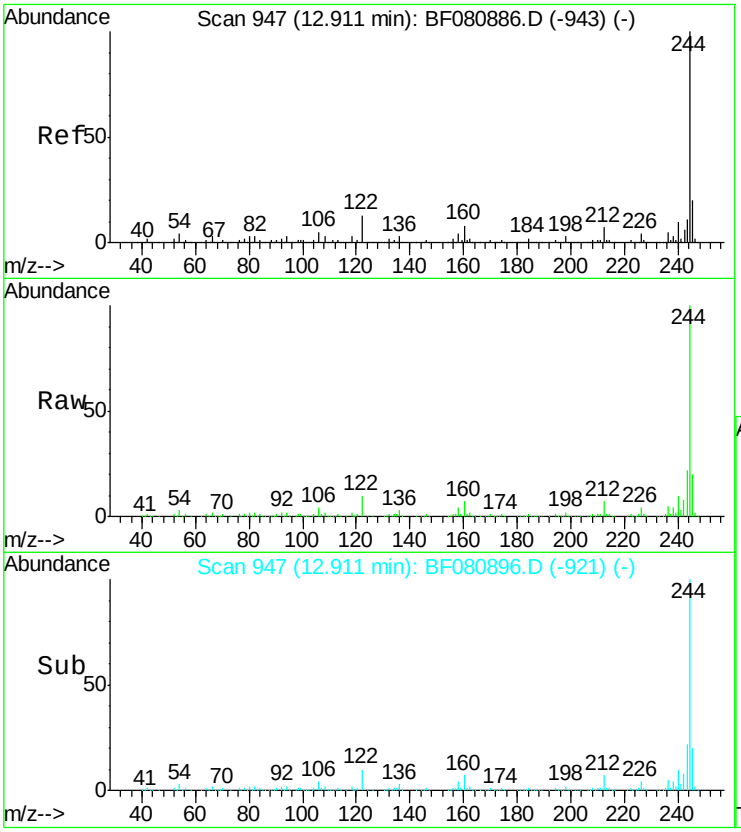




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:240 Resp: 219804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 6.4 | 9.6# |
| 236 | 25.6 | 20.2 | 30.4 |



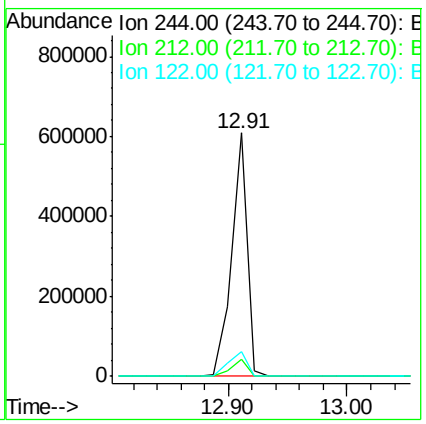


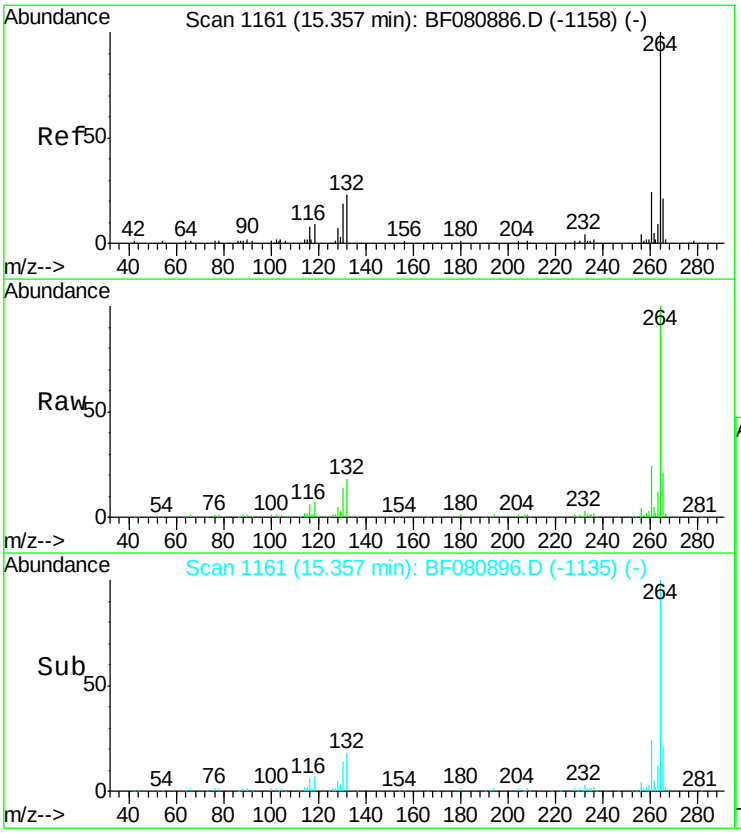

#78
Terphenyl-d14
Concen: 52.96 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

**Instrument :**
BNA_F
**ClientSampleId :**
PB84873BL

Tgt Ion:244 Resp: 552150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.9 | 8.9 |
| 122 | 10.2 | 10.6 | 16.0# |




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080896.D
Acq: 6 Aug 2015 18:59

Tgt Ion:264 Resp: 190574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 19.0 | 28.4 |
| 265 | 21.3 | 17.0 | 25.6 |