Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050617\
Data File : BF094976.D
Acq On : 8 May 2017 8:58
Operator : SJ/MA
Sample : I2947-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SB-06-0-2.0

Quant Time: May 08 11:20:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.71 | 152 | 88703 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 9.74 | 136 | 353493 | 20.00 | ng | -0.02 |
| 38) Acenaphthene-d10 | 12.57 | 164 | 152290 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 14.97 | 188 | 246890 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 18.64 | 240 | 202032 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 20.30 | 264 | 171352 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.67 | 112 | 101696 | 19.11 | ng | 0.00 |
| 7) Phenol-d6 | 7.27 | 99 | 127819 | 20.02 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.62 | 82 | 72579 | 12.95 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 13.88 | 330 | 21821 | 17.50 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 11.51 | 172 | 134736 | 12.73 | ng | -0.02 |
| 78) Terphenyl-d14 | 17.29 | 244 | 82888 | 9.04 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |

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

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Acq On : 8 May 2017 8:58
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Sample : I2947-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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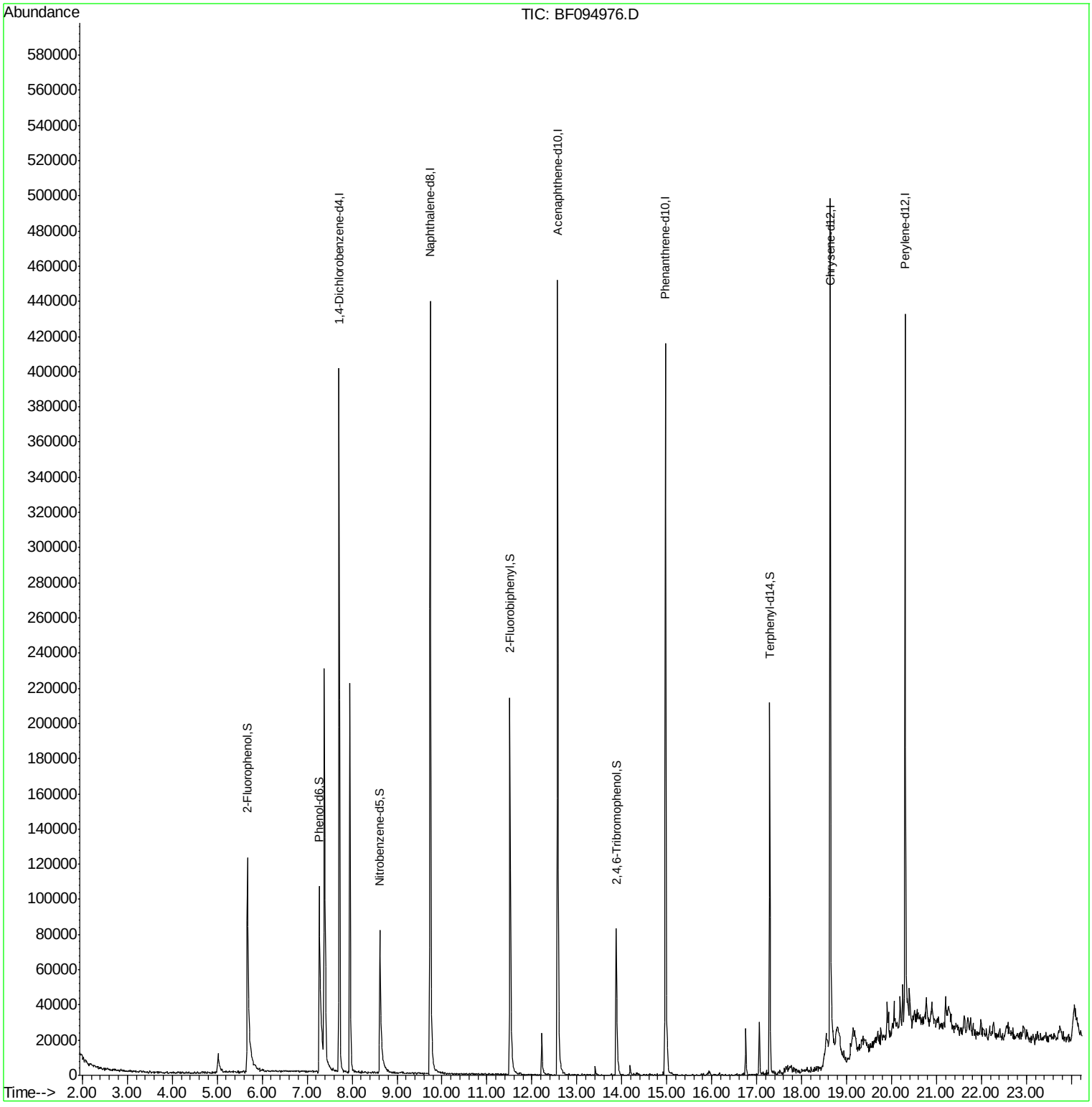
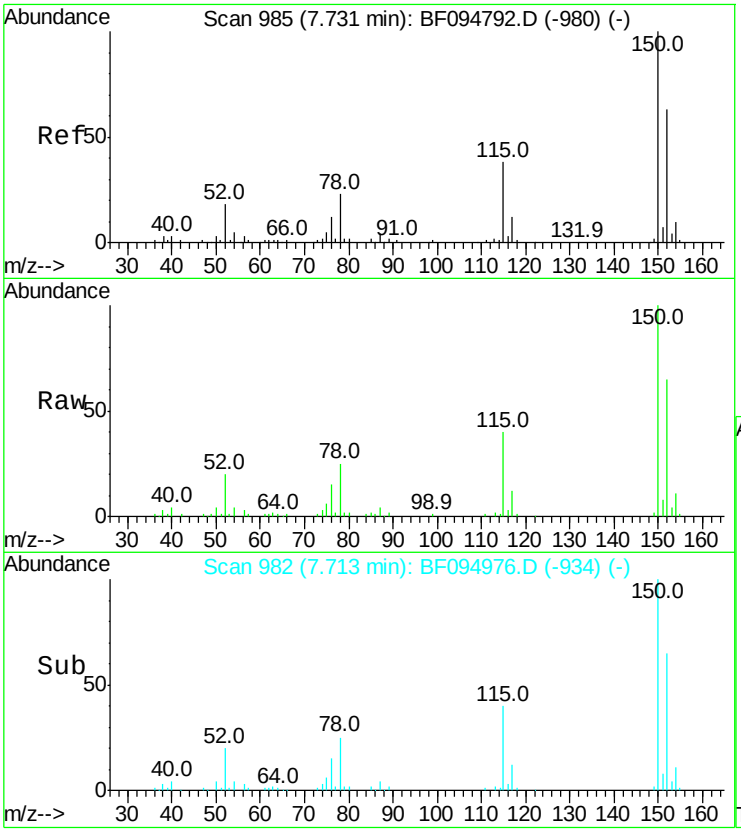
Response via : Initial Calibration



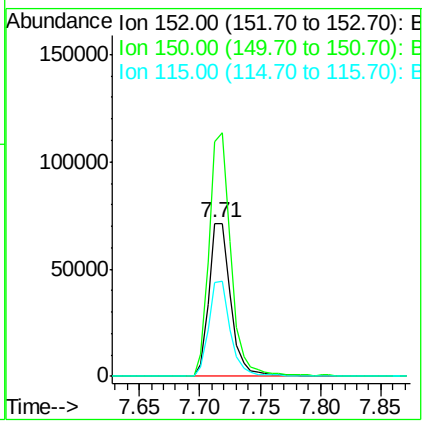


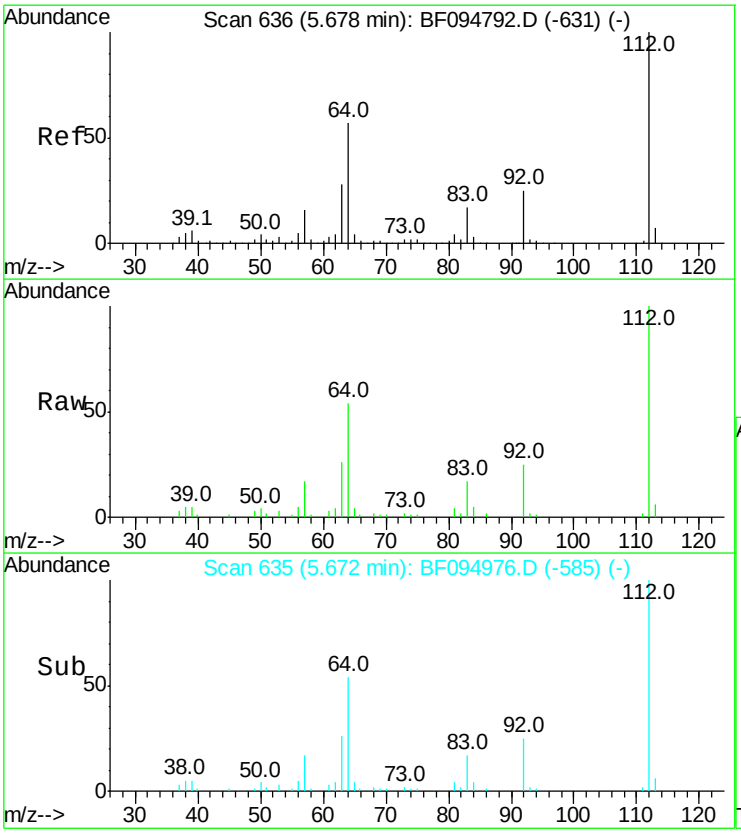

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

**Instrument :**
BNA_F
**ClientSampleId :**
SB-06-0-2.0

Tgt Ion:152 Resp: 88703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.4 | 126.2 | 189.2 |
| 115 | 61.0 | 52.2 | 78.2 |

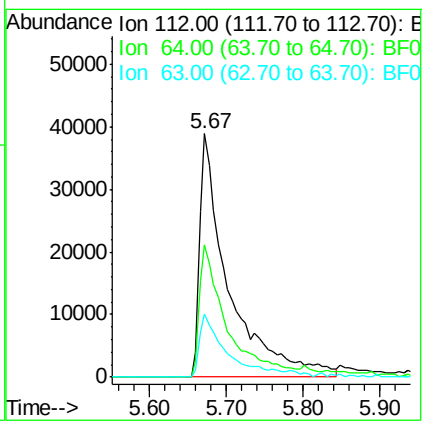


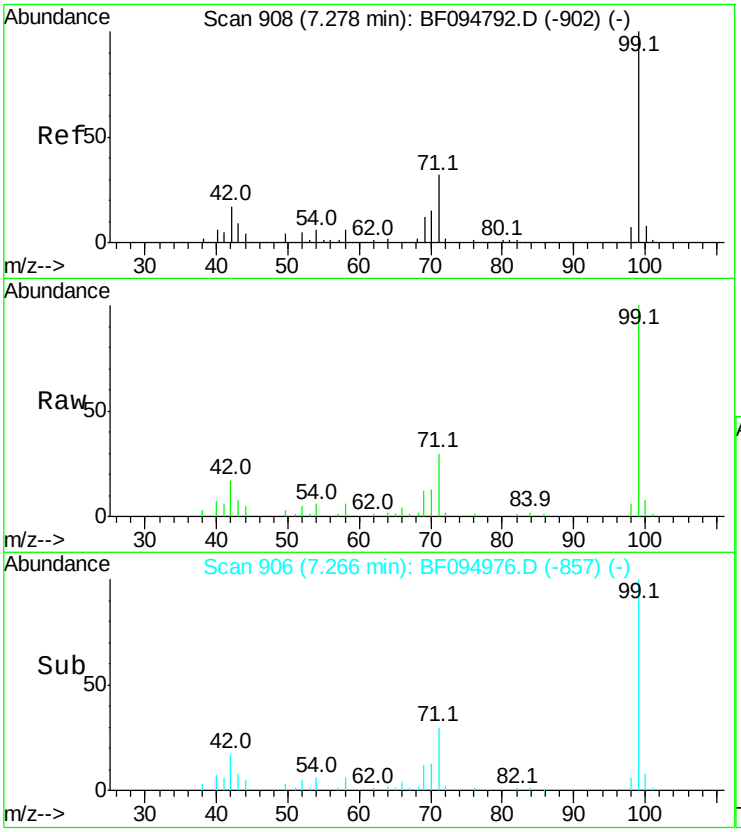




#5
2-Fluorophenol
Concen: 19.11 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

Tgt Ion:112 Resp: 101696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.2 | 46.0 | 69.0 |
| 63 | 26.2 | 23.4 | 35.0 |



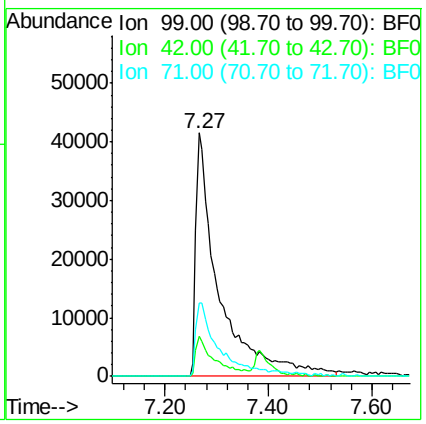


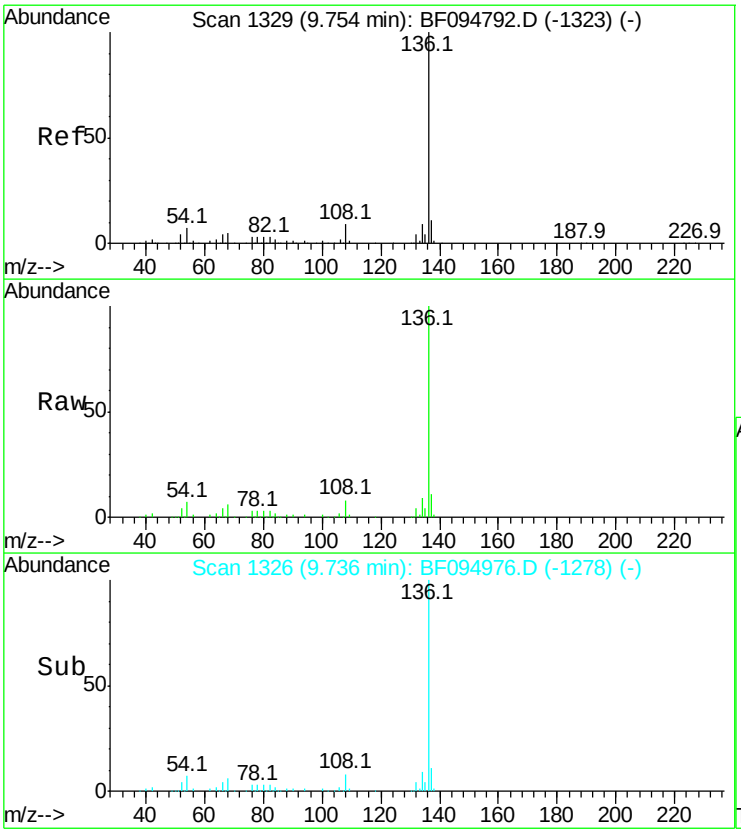

#7
Phenol-d6
Concen: 20.02 ng
RT: 7.27 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

**Instrument :**
BNA_F
**ClientSampleId :**
SB-06-0-2.0

Tgt Ion: 99 Resp: 127819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.7 | 13.5 | 20.3 |
| 71 | 30.4 | 24.5 | 36.7 |

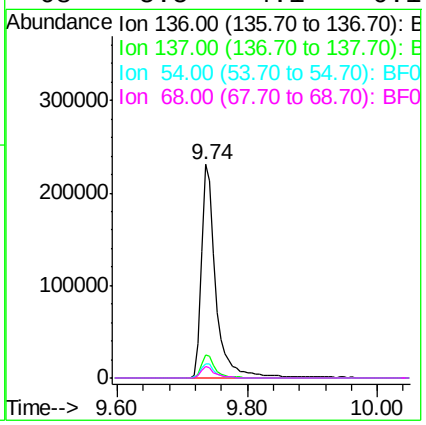


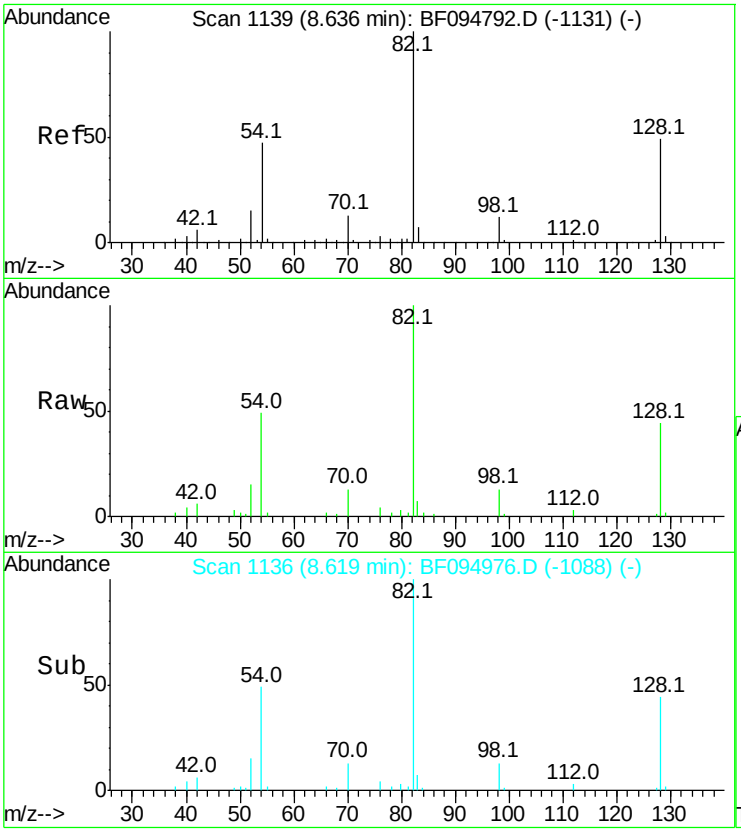




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

Tgt Ion:136 Resp: 353493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.5 | 12.7 |
| 54 | 6.9 | 4.9 | 7.3 |
| 68 | 5.5 | 4.1 | 6.1 |



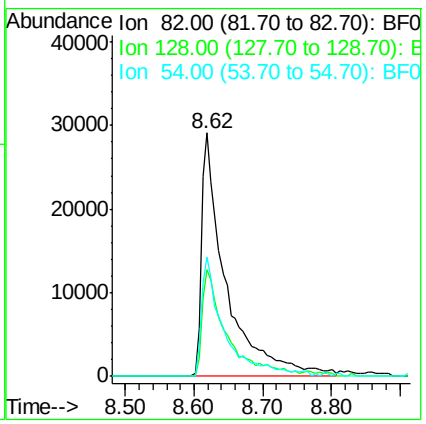


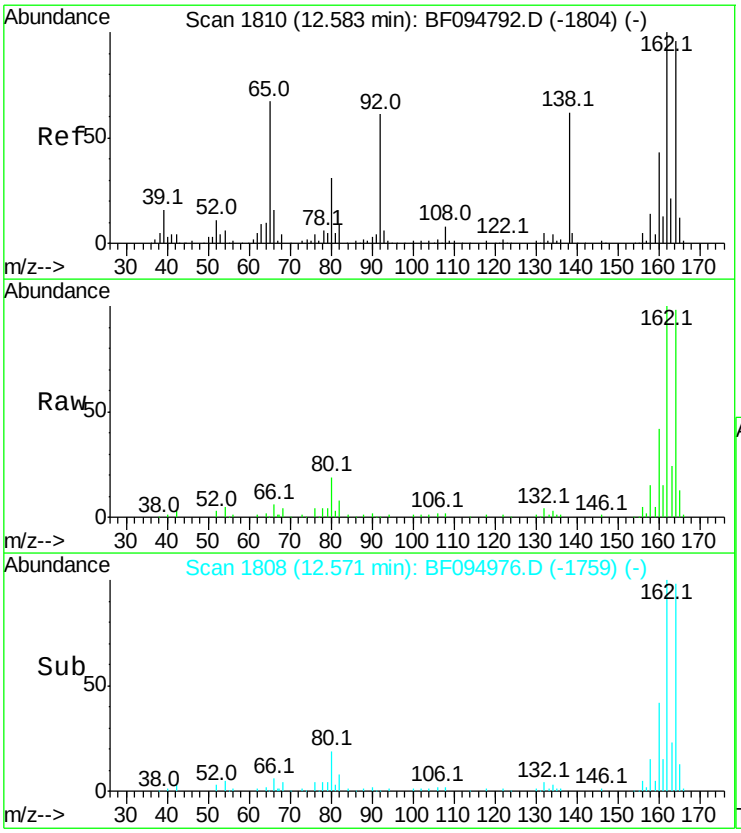

#23
Nitrobenzene-d5
Concen: 12.95 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

**Instrument :**
BNA_F
**ClientSampleId :**
SB-06-0-2.0

Tgt Ion: 82 Resp: 72579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.8 | 34.0 | 51.0 |
| 54 | 49.0 | 42.2 | 63.2 |

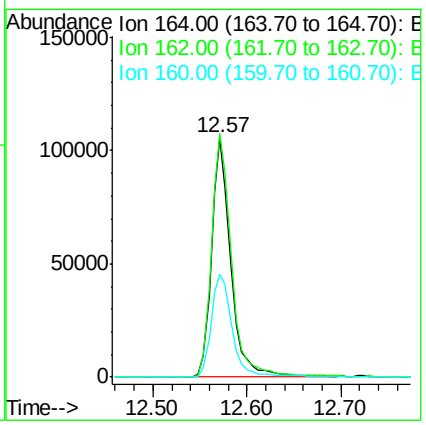


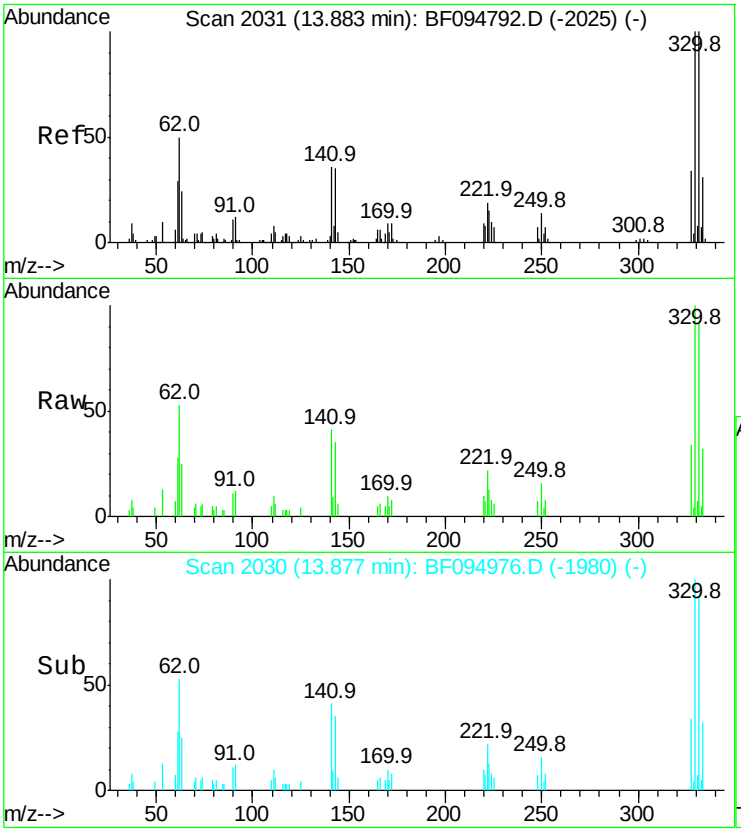




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

Tgt Ion:164 Resp: 152290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 82.6 | 123.8 |
| 160 | 43.0 | 36.2 | 54.2 |



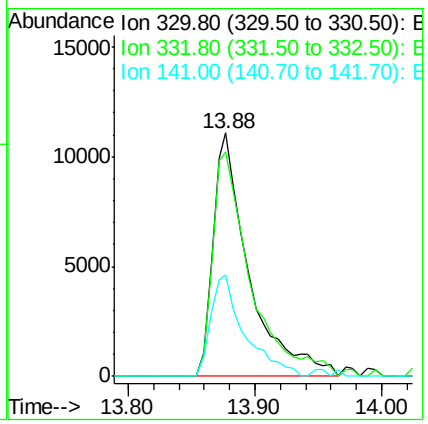


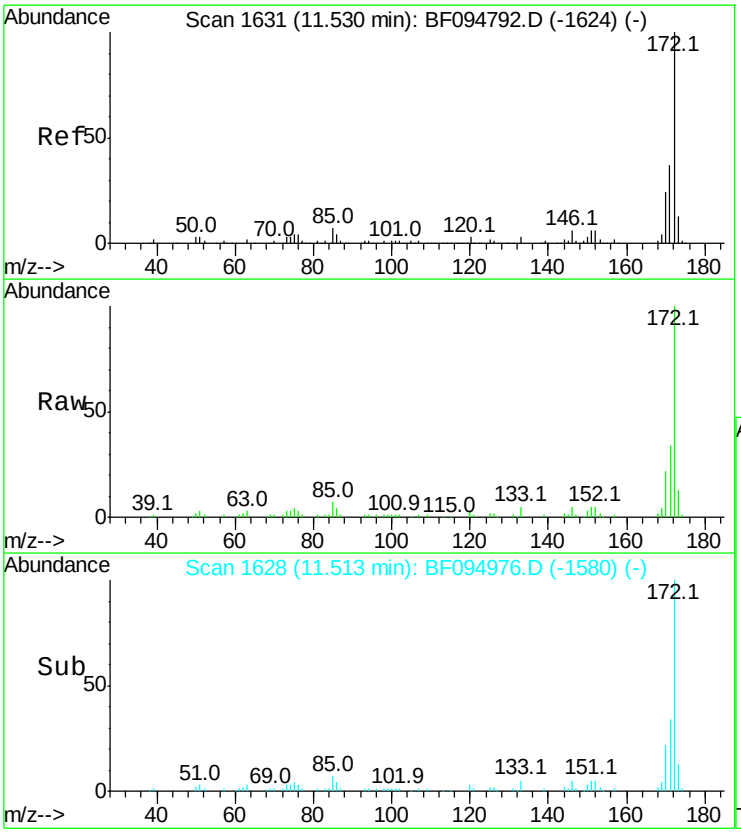

#41
2,4,6-Tribromophenol
Concen: 17.50 ng
RT: 13.88 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

**Instrument :**
BNA_F
**ClientSampleId :**
SB-06-0-2.0

Tgt Ion:330 Resp: 21821

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 76.6 | 115.0 |
| 141 | 39.1 | 31.4 | 47.2 |

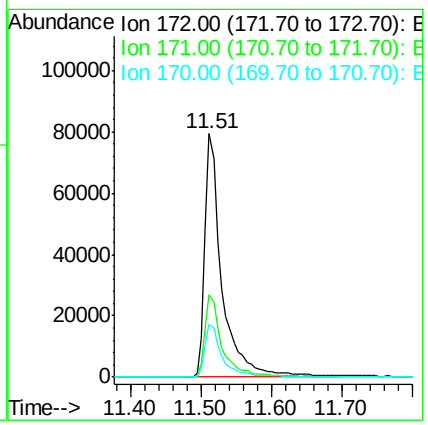


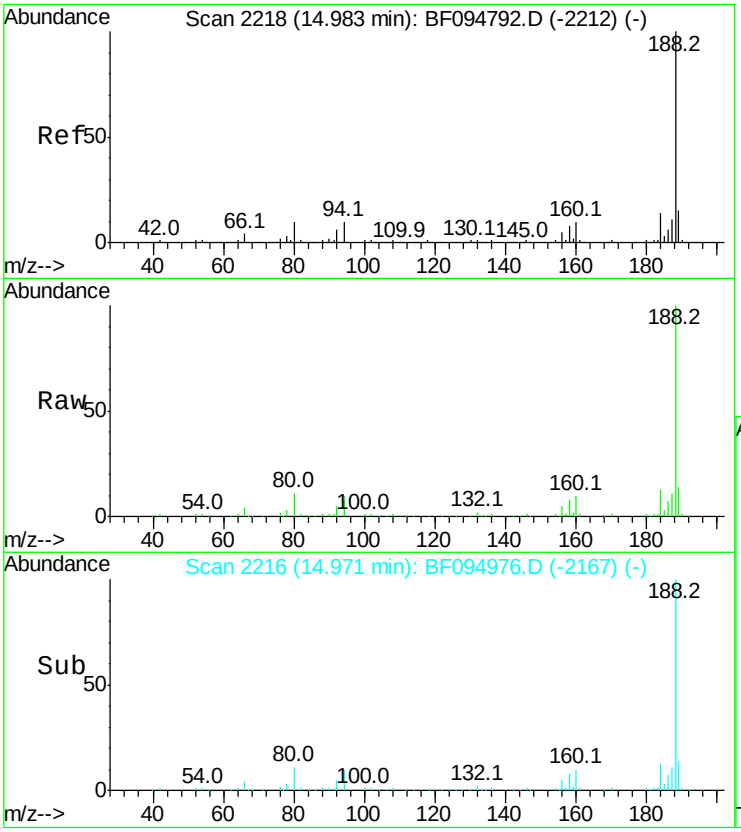




#44
2-Fluorobiphenyl
Concen: 12.73 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

Tgt Ion:172 Resp: 134736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.0 | 29.6 | 44.4 |
| 170 | 21.7 | 19.8 | 29.8 |



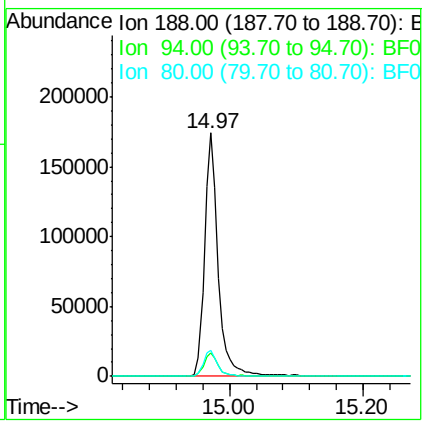


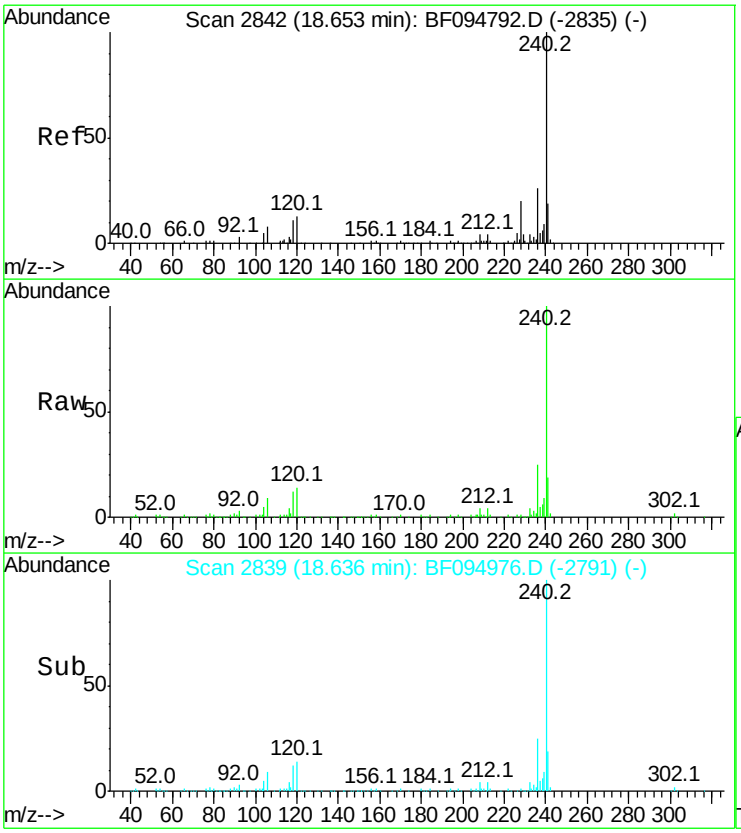

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

**Instrument :**
BNA_F
**ClientSampleId :**
SB-06-0-2.0

Tgt Ion:188 Resp: 246890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 9.4 | 14.2 |
| 80 | 10.8 | 10.2 | 15.2 |

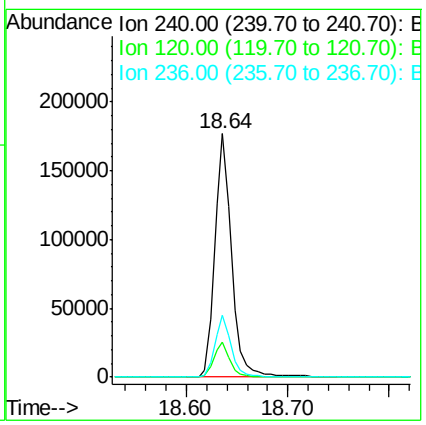


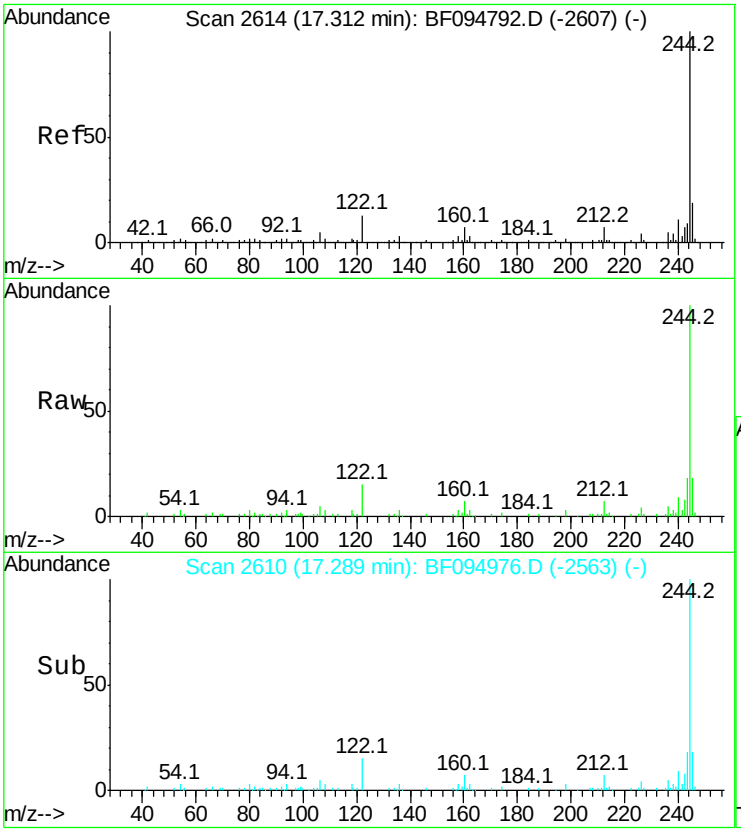




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

Tgt Ion:240 Resp: 202032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.2 | 5.8 | 8.8# |
| 236 | 25.4 | 20.5 | 30.7 |



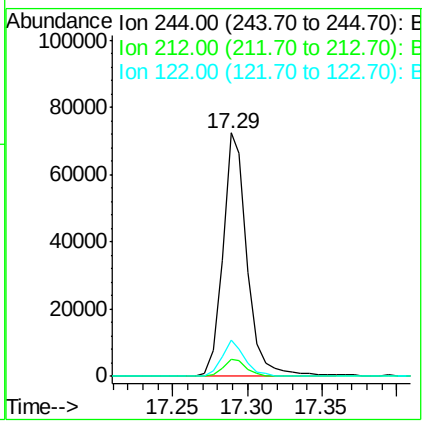


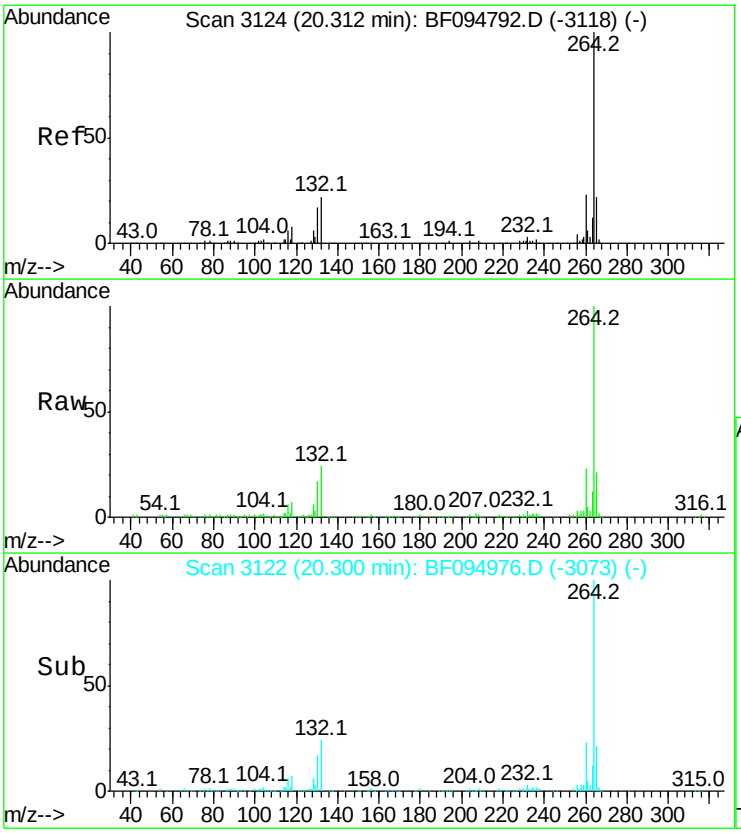

#78
Terphenyl-d14
Concen: 9.04 ng
RT: 17.29 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

**Instrument :**
BNA_F
**ClientSampleId :**
SB-06-0-2.0

Tgt Ion:244 Resp: 82888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 6.0 | 9.0 |
| 122 | 14.7 | 10.3 | 15.5 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094976.D
Acq: 8 May 2017 8:58

Tgt Ion:264 Resp: 171352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.6 | 19.5 | 29.3 |
| 265 | 20.8 | 17.2 | 25.8 |