Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096074.D
Acq On : 21 Jun 2017 8:53
Operator : SJ/MA
Sample : I3722-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** C6-B

Quant Time: Jun 21 13:38:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.29 | 152 | 78662 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 9.32 | 136 | 310028 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 12.14 | 164 | 121878 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 14.54 | 188 | 192139 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 18.27 | 240 | 150416 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 19.94 | 264 | 106280 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 501103 | 101.51 | ng | 0.01 |
| 7) Phenol-d6 | 6.87 | 99 | 653059 | 110.50 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.21 | 82 | 368613 | 73.84 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 13.44 | 330 | 89912 | 83.38 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 11.10 | 172 | 716356 | 81.79 | ng | 0.00 |
| 78) Terphenyl-d14 | 16.92 | 244 | 502319 | 82.88 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 49) Dimethylphthalate | 11.80 | 163 | 90823 | 9.81 | ng | 99 |

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

Quantitation Report (QT Reviewed)

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Acq On : 21 Jun 2017 8:53
Operator : SJ/MA
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Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
C6-B

Quant Time: Jun 21 13:38:24 2017
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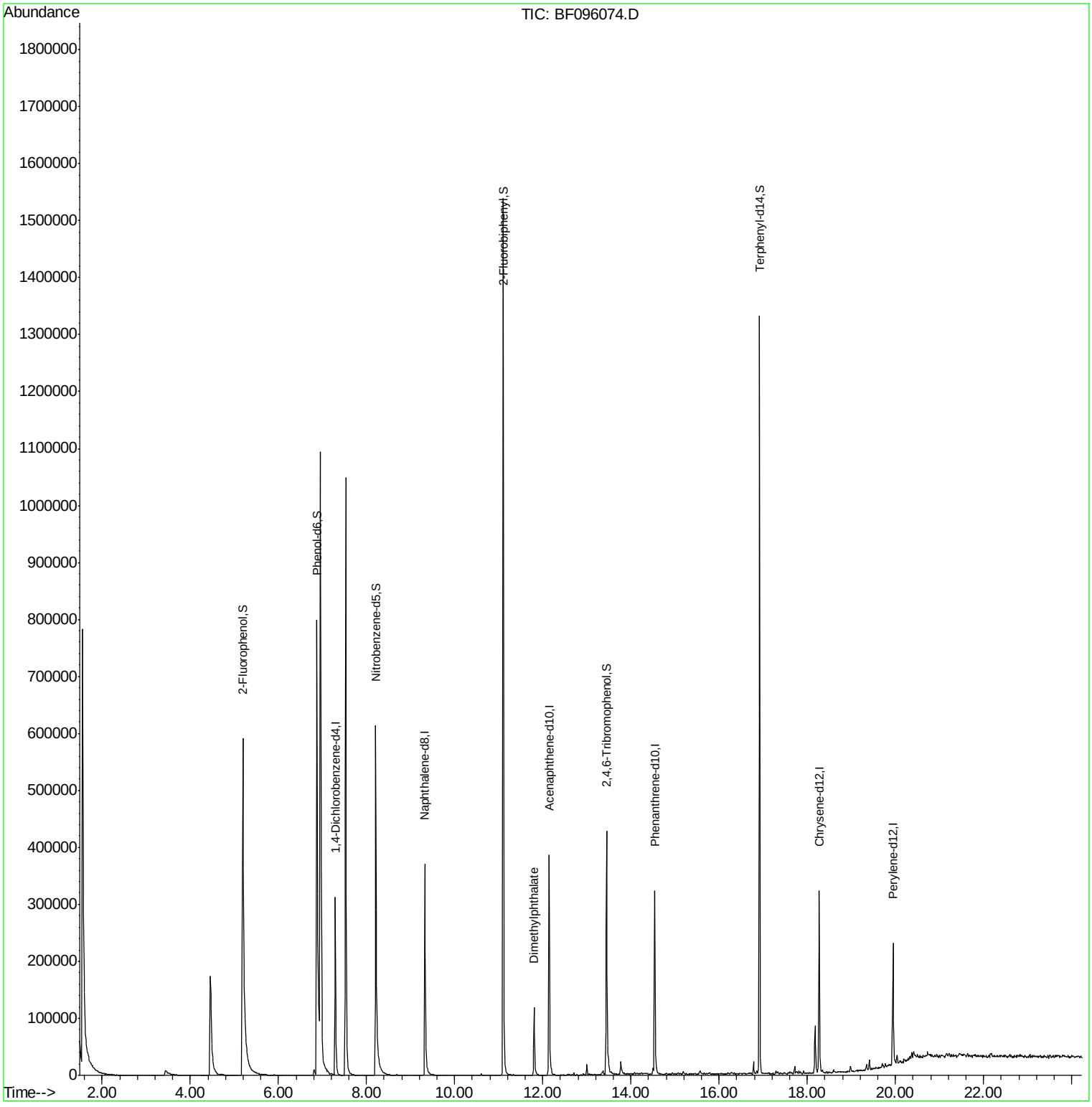
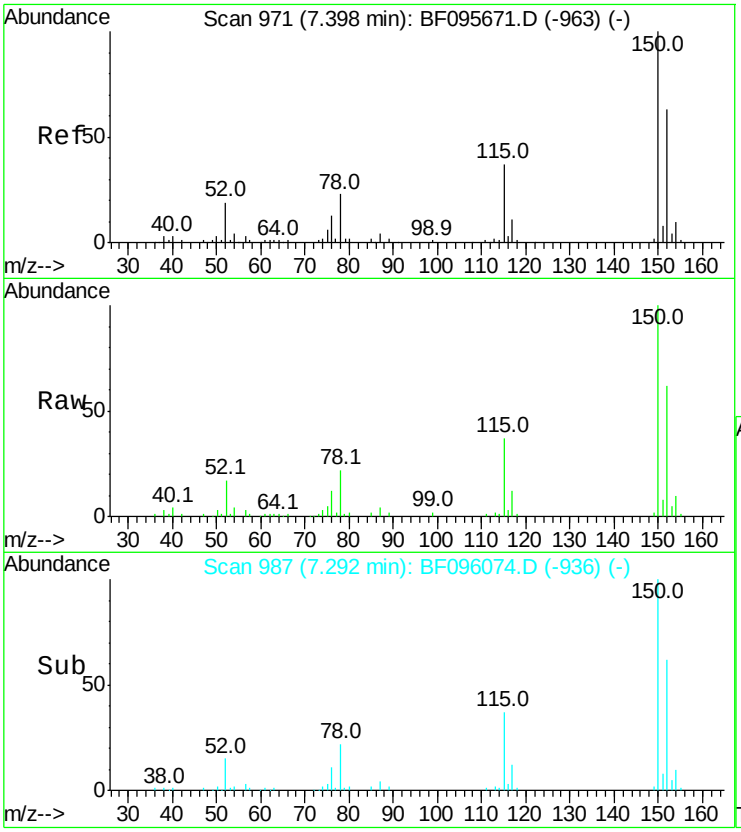


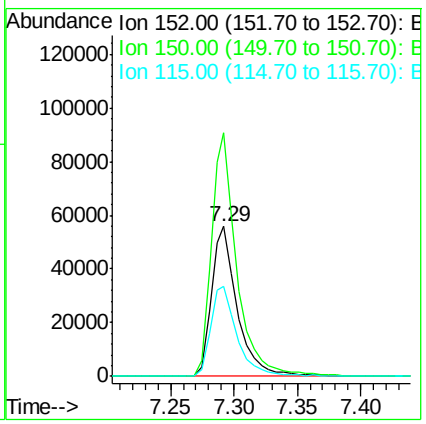


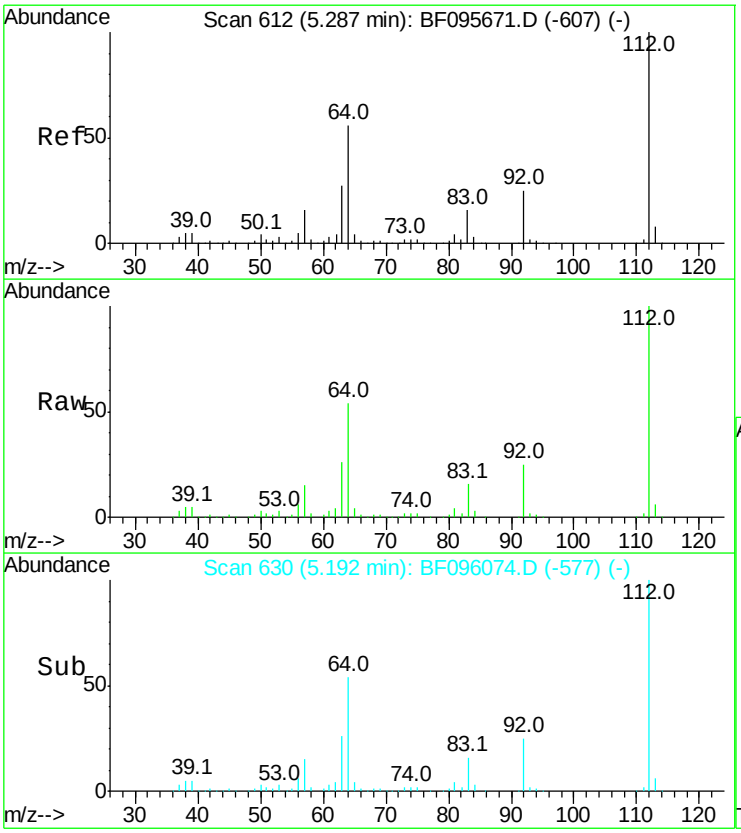

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

**Instrument :**
BNA_F
**ClientSampleId :**
C6-B

Tgt Ion:152 Resp: 78662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.5 | 126.2 | 189.2 |
| 115 | 59.7 | 52.2 | 78.2 |

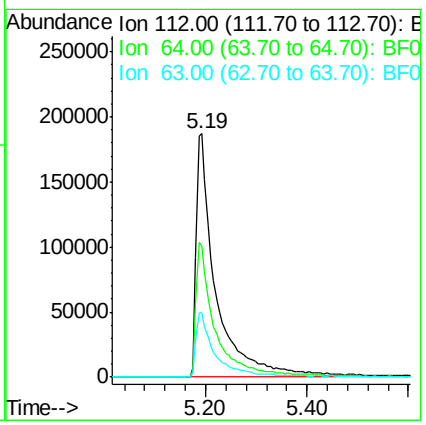


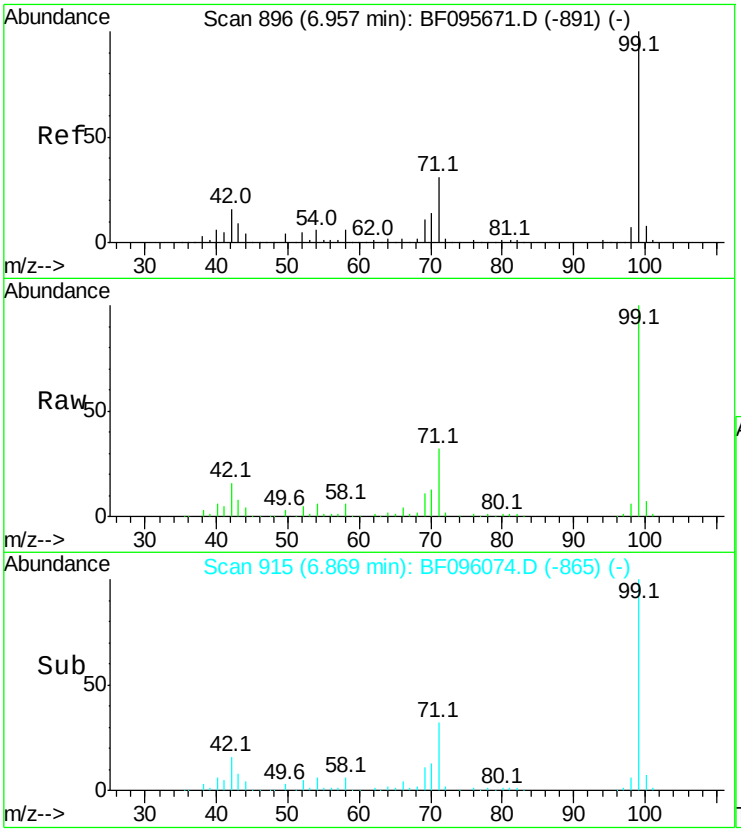




#5
2-Fluorophenol
Concen: 101.51 ng
RT: 5.19 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

Tgt Ion:112 Resp: 501103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.7 | 46.0 | 69.0 |
| 63 | 26.4 | 23.4 | 35.0 |



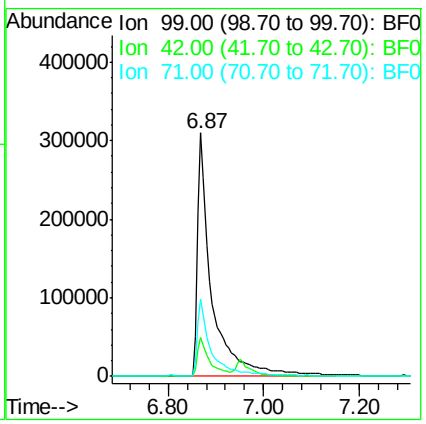


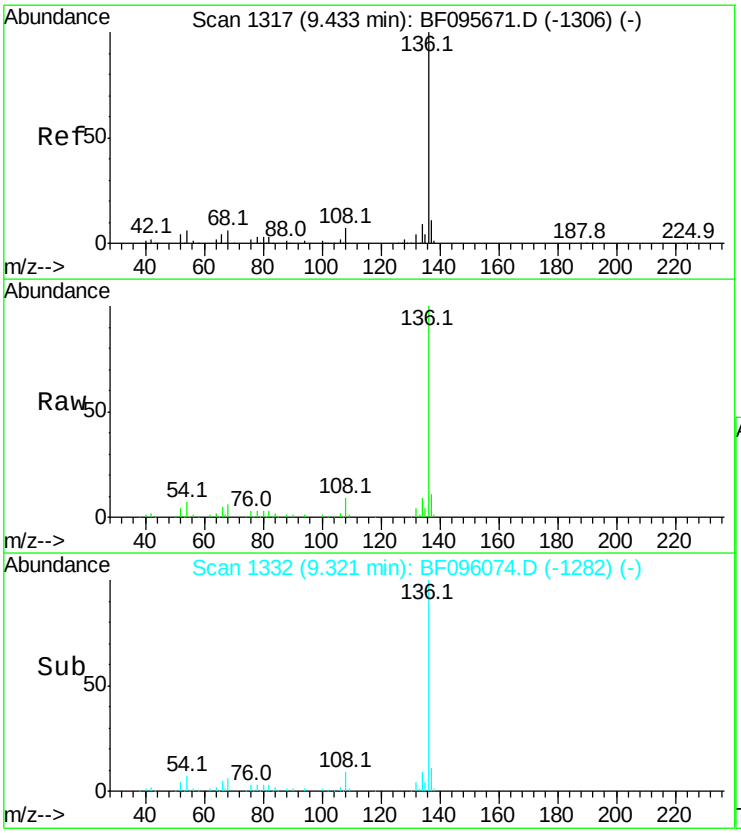

#7
Phenol-d6
Concen: 110.50 ng
RT: 6.87 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

**Instrument :**
BNA_F
**ClientSampleId :**
C6-B

Tgt Ion: 99 Resp: 653059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.8 | 13.5 | 20.3 |
| 71 | 31.6 | 24.5 | 36.7 |

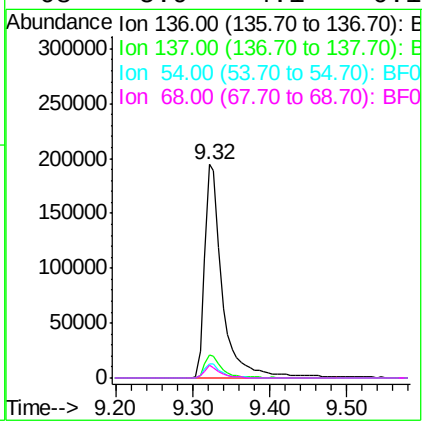


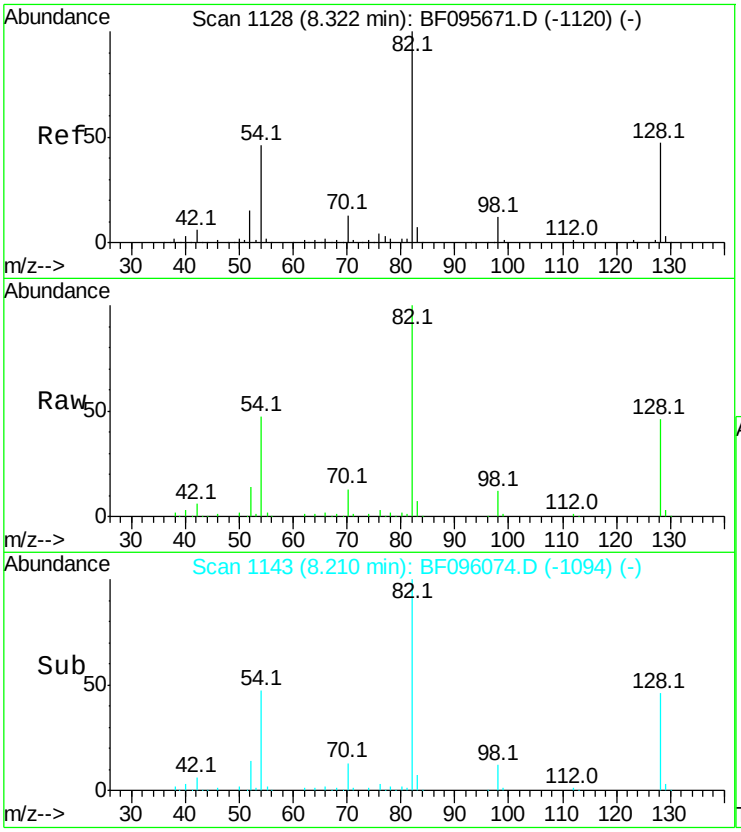




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

Tgt Ion:136 Resp: 310028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.5 | 12.7 |
| 54 | 6.9 | 4.9 | 7.3 |
| 68 | 5.9 | 4.1 | 6.1 |



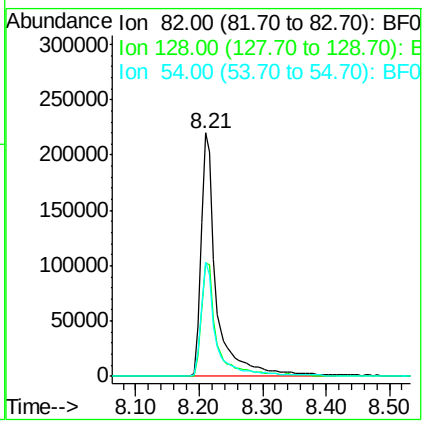


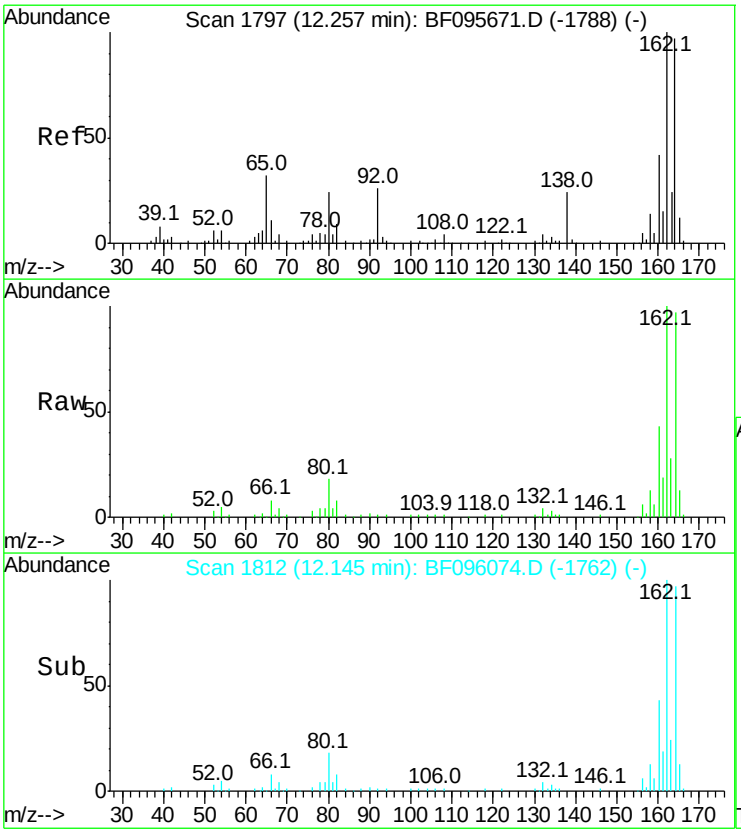

#23
Nitrobenzene-d5
Concen: 73.84 ng
RT: 8.21 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

**Instrument :**
BNA_F
**ClientSampleId :**
C6-B

Tgt Ion: 82 Resp: 368613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.4 | 34.0 | 51.0 |
| 54 | 47.0 | 42.2 | 63.2 |

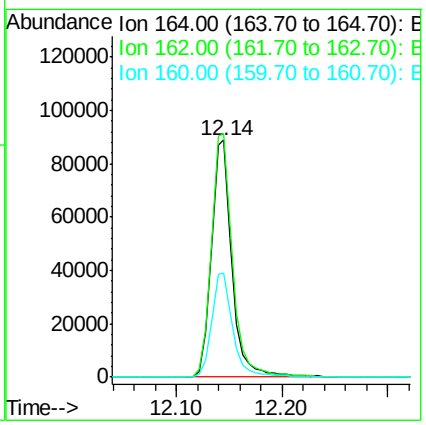


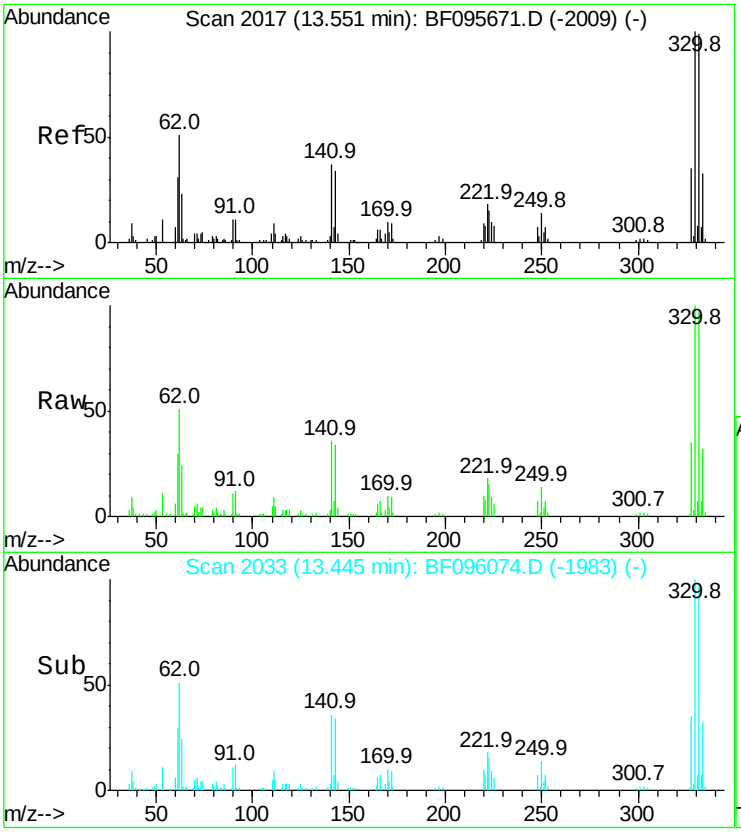




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

Tgt Ion:164 Resp: 121878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.8 | 82.6 | 123.8 |
| 160 | 44.2 | 36.2 | 54.2 |



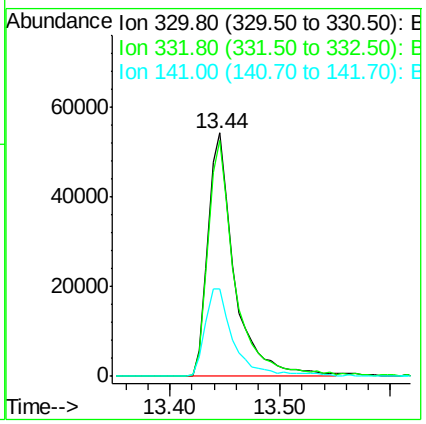


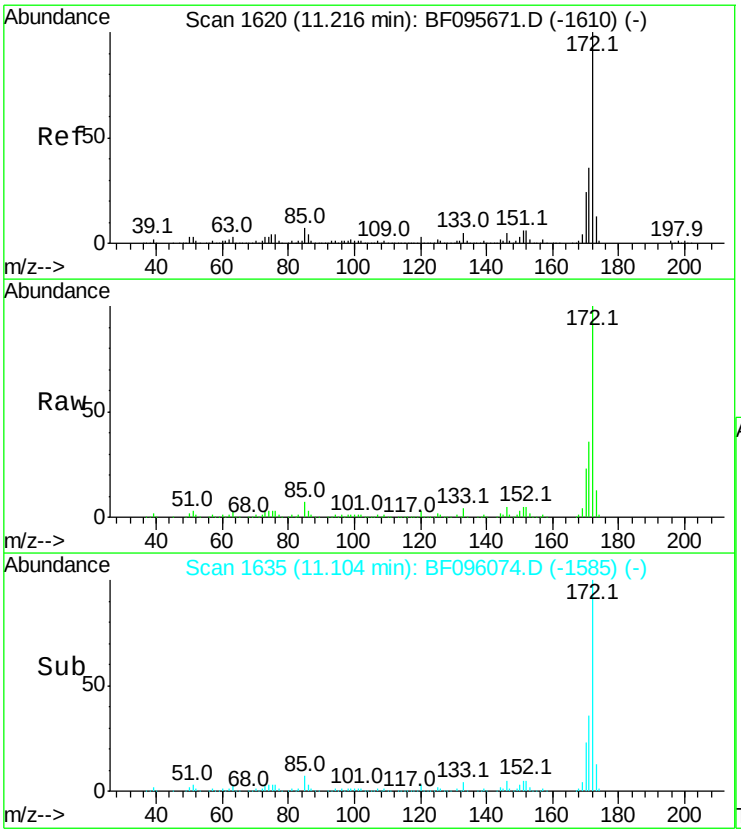

#41
2,4,6-Tribromophenol
Concen: 83.38 ng
RT: 13.44 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

**Instrument :**
BNA_F
**ClientSampleId :**
C6-B

Tgt Ion:330 Resp: 89912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.4 | 76.6 | 115.0 |
| 141 | 37.6 | 31.4 | 47.2 |

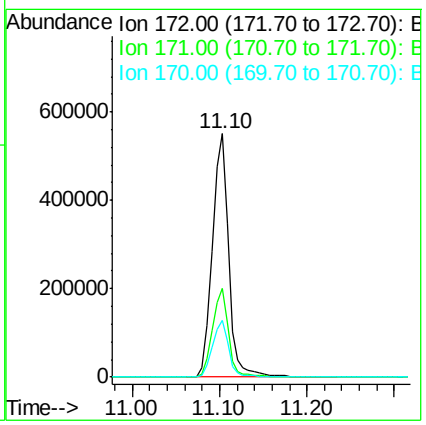


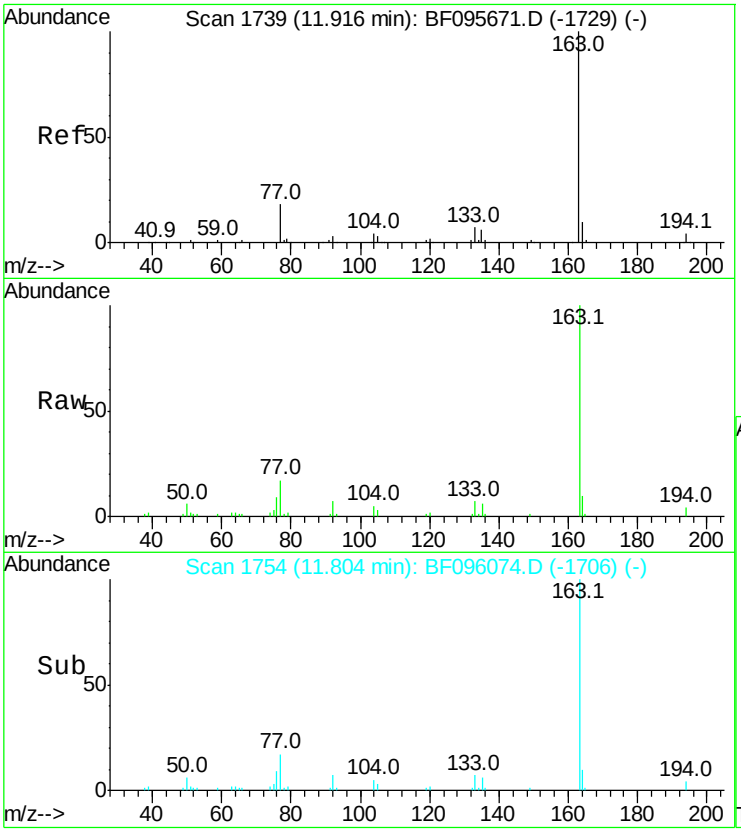




#44
2-Fluorobiphenyl
Concen: 81.79 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

Tgt Ion:172 Resp: 716356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 29.6 | 44.4 |
| 170 | 23.2 | 19.8 | 29.8 |



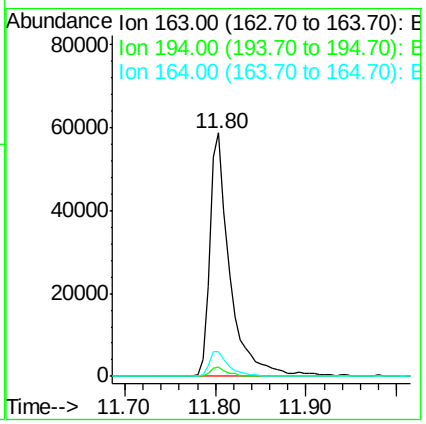


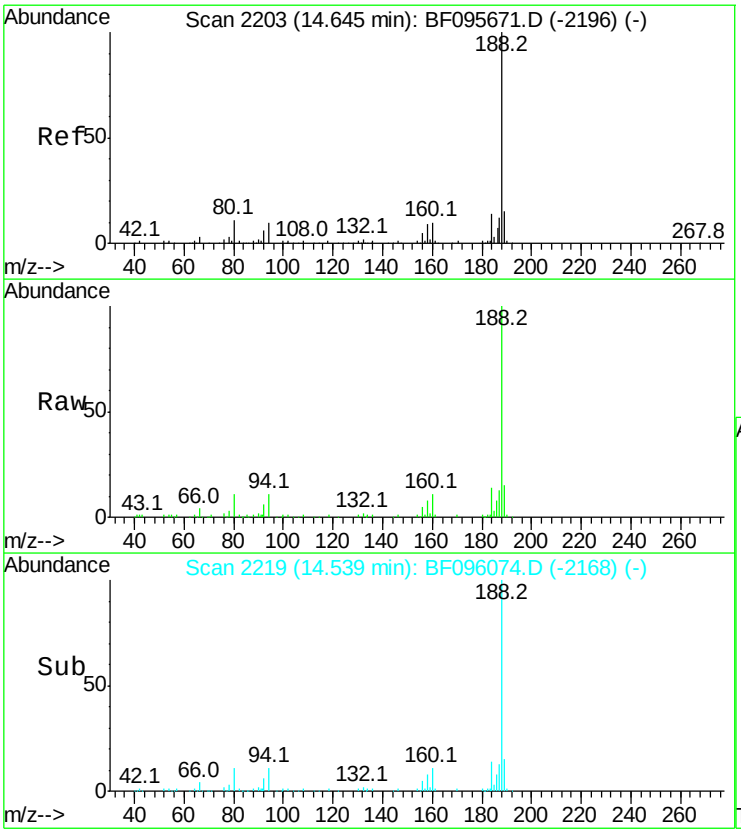

#49
Dimethylphthalate
Concen: 9.81 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

**Instrument :**
BNA_F
**ClientSampleId :**
C6-B

Tgt Ion:163 Resp: 90823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 2.6 | 4.0 |
| 164 | 10.3 | 8.4 | 12.6 |

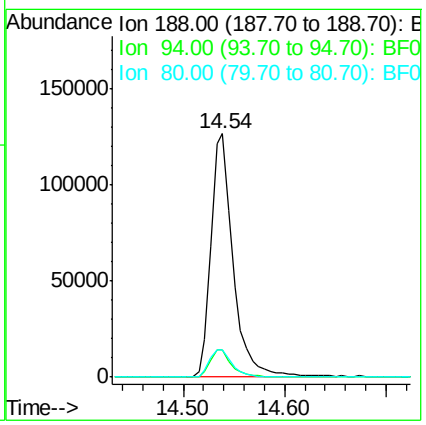


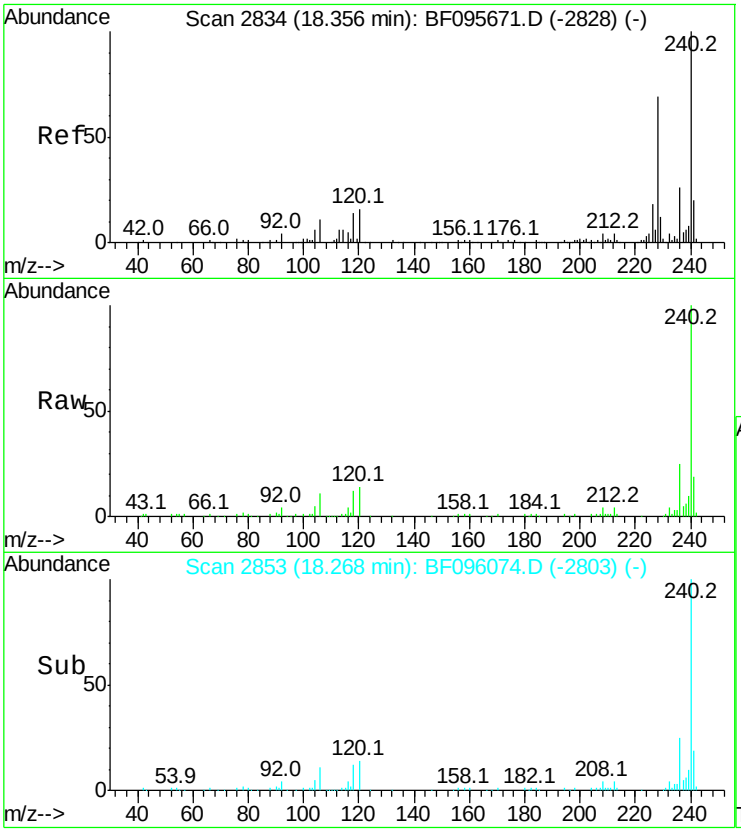




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

Tgt Ion:188 Resp: 192139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.0 | 9.4 | 14.2 |
| 80 | 11.2 | 10.2 | 15.2 |



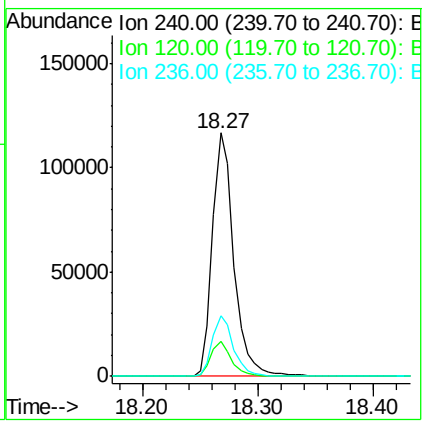


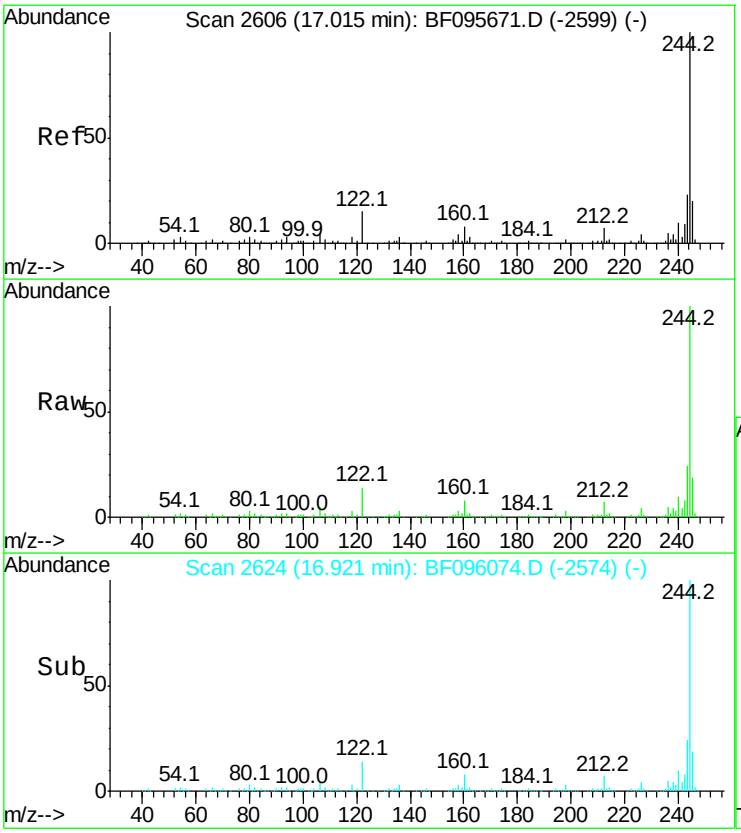

#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

**Instrument :**
BNA_F
**ClientSampleId :**
C6-B

Tgt Ion:240 Resp: 150416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.2 | 5.8 | 8.8# |
| 236 | 24.8 | 20.5 | 30.7 |

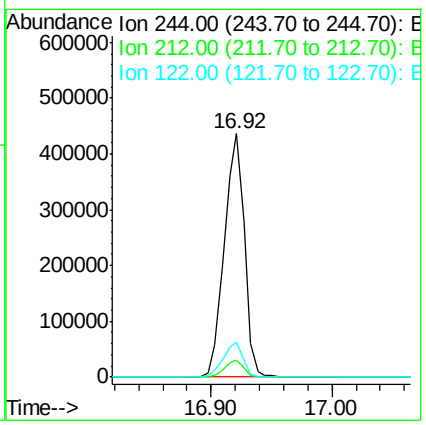


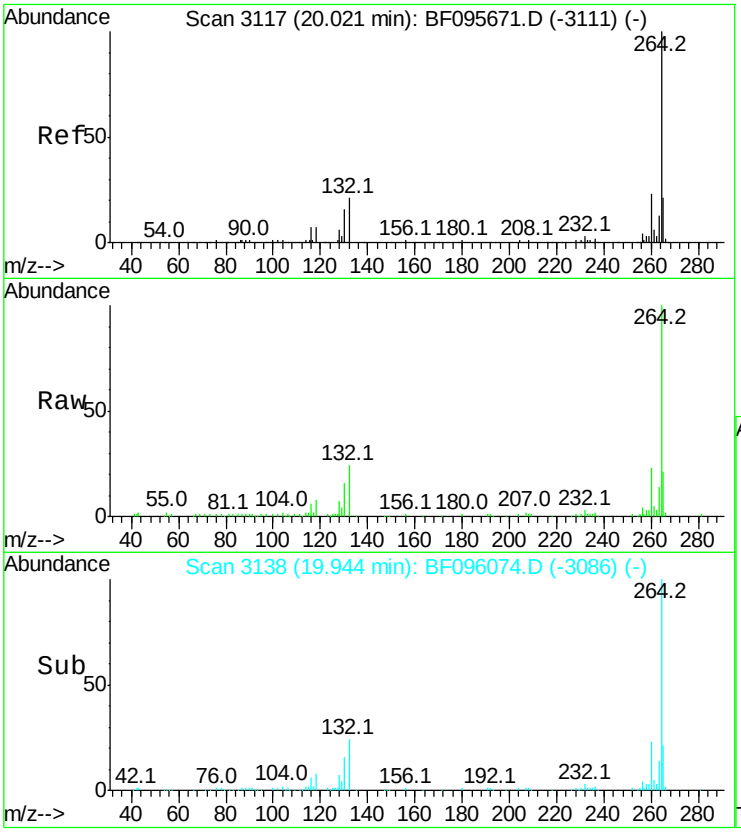




#78
Terphenyl-d14
Concen: 82.88 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

Tgt Ion:244 Resp: 502319

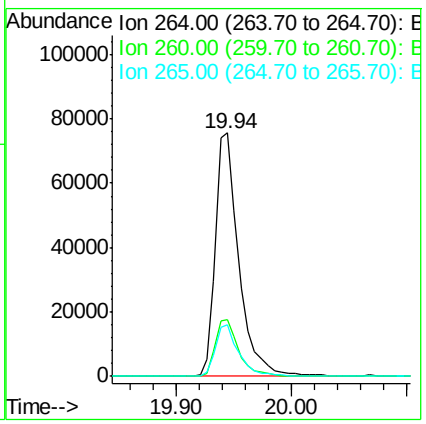
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.8 | 6.0 | 9.0 |
| 122 | 14.4 | 10.3 | 15.5 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096074.D
Acq: 21 Jun 2017 8:53

**Instrument :**
BNA_F
**ClientSampleId :**
C6-B

Tgt Ion:264 Resp: 106280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 19.5 | 29.3 |
| 265 | 21.3 | 17.2 | 25.8 |