Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101764.D
Acq On : 27 Dec 2017 16:07
Operator : SJ/JU
Sample : I6957-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** HALSTED-WW

Quant Time: Dec 28 04:29:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 149807 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.07 | 136 | 602976 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.83 | 164 | 265098 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.32 | 188 | 476370 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.97 | 240 | 297659 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.44 | 264 | 289691 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 586505 | 58.32 | ng | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 724016 | 57.85 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 368161 | 33.99 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.63 | 330 | 140991 | 55.19 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.14 | 172 | 688430 | 40.28 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.90 | 244 | 529741 | 42.90 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 49) Dimethylphthalate | 9.55 | 163 | 53580 | 2.513 | ng | 99 |

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

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Acq On : 27 Dec 2017 16:07
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Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_F
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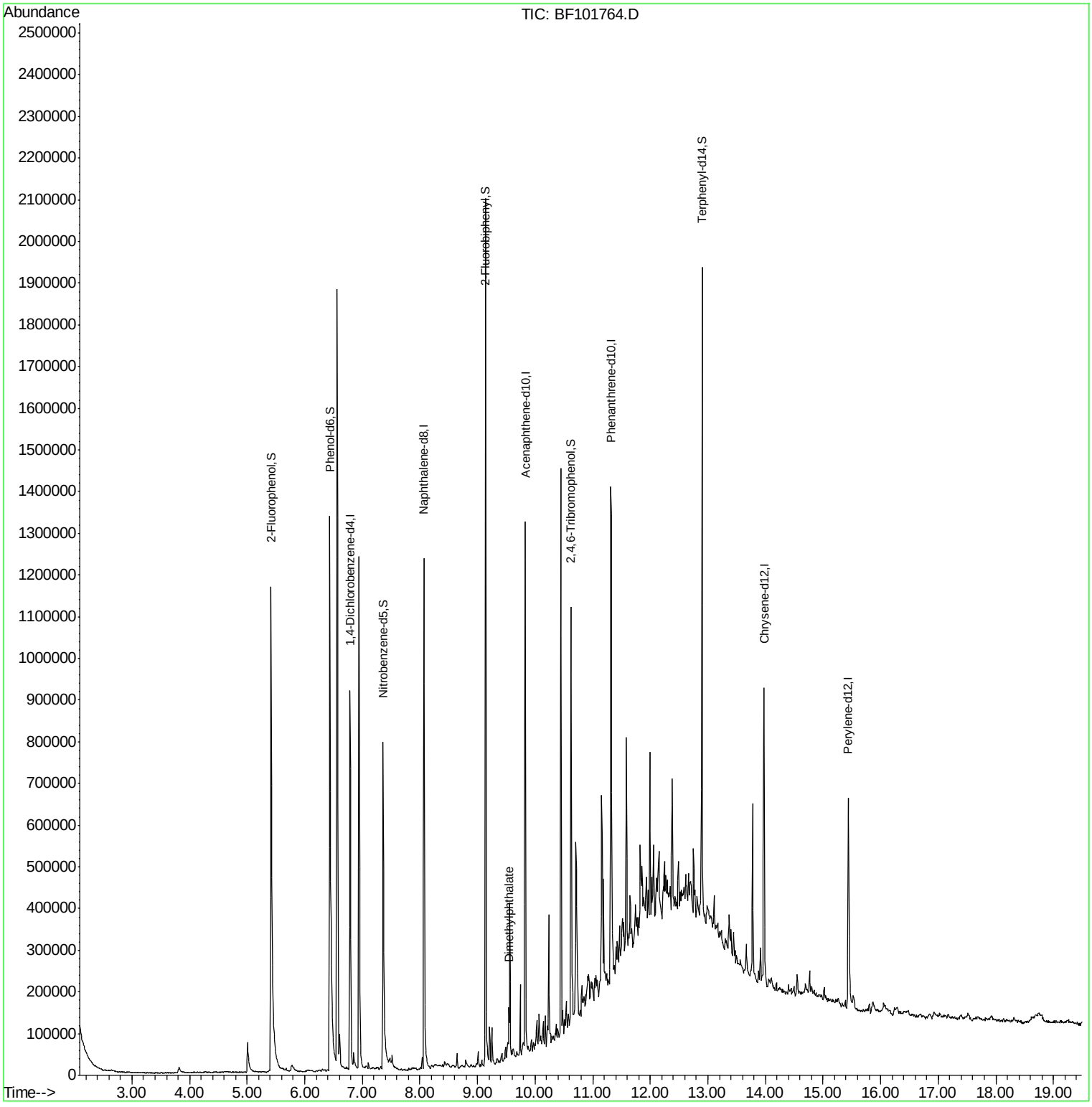
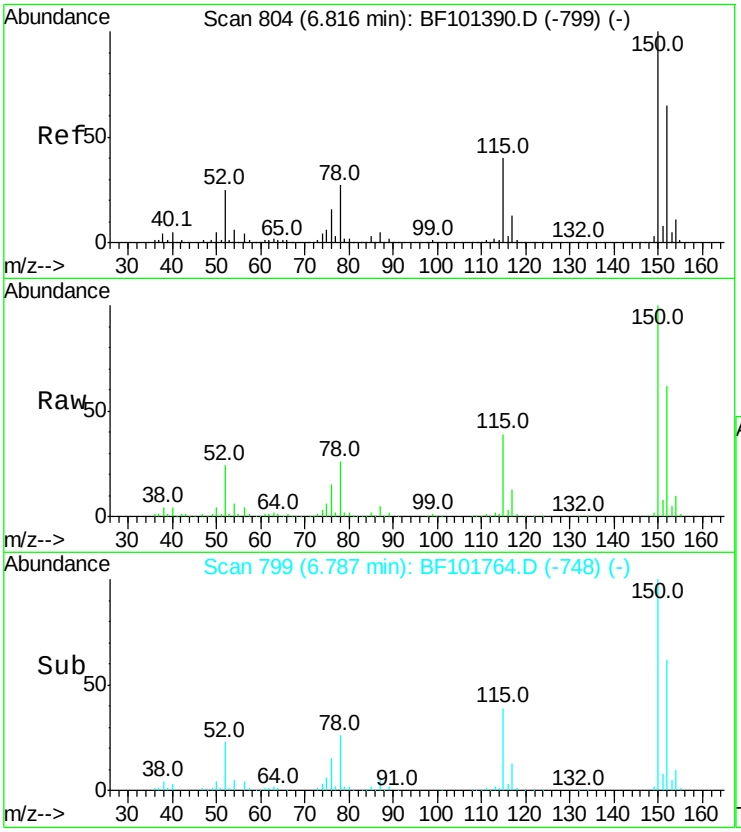


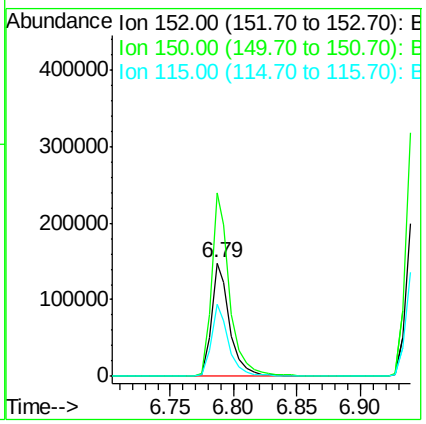


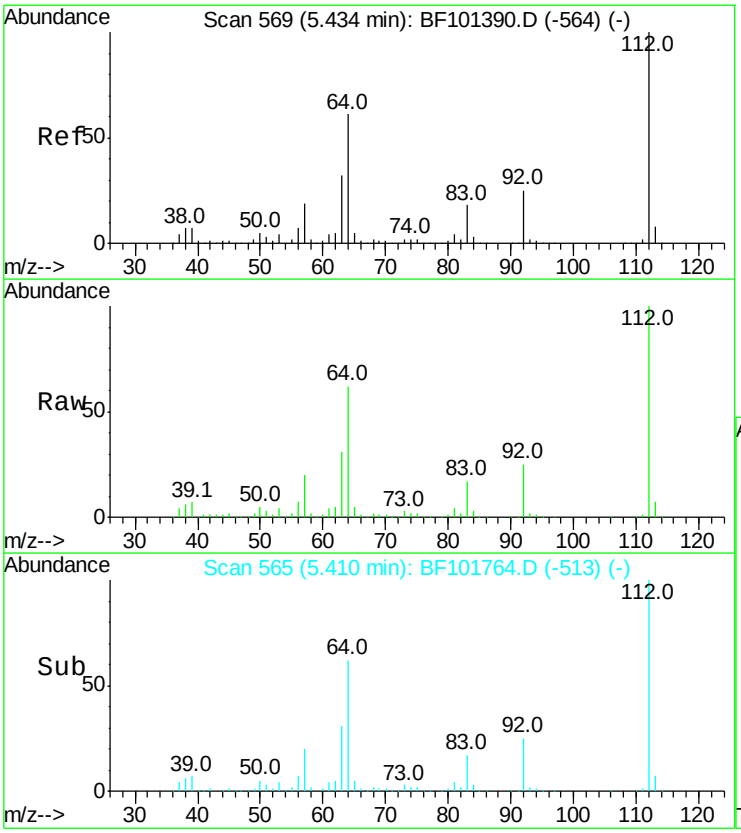

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

**Instrument :**
BNA_F
**ClientSampleId :**
HALSTED-WW

Tgt Ion:152 Resp: 149807

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.3 | 124.6 | 186.8 |
| 115 | 63.1 | 50.1 | 75.1 |

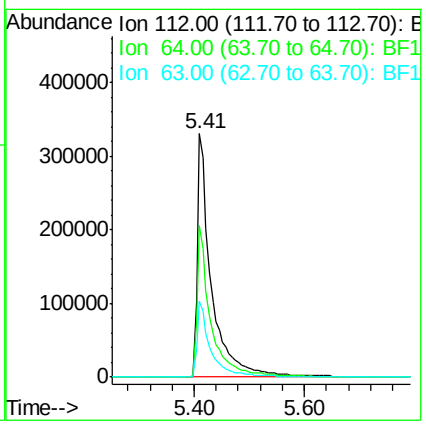


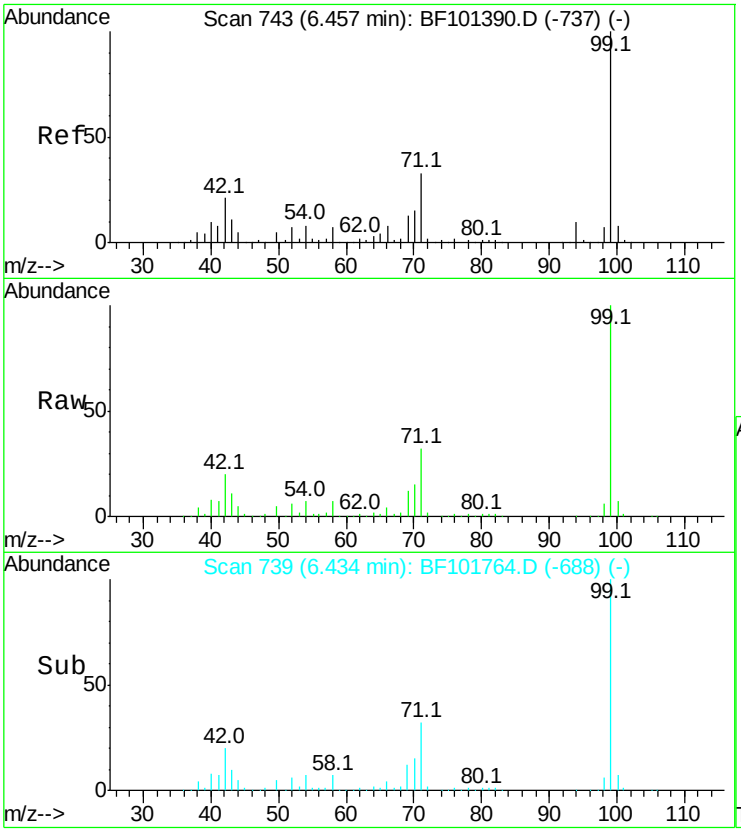




#5
2-Fluorophenol
Concen: 58.318 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Tgt Ion:112 Resp: 586505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.2 | 47.9 | 71.9 |
| 63 | 31.4 | 23.7 | 35.5 |



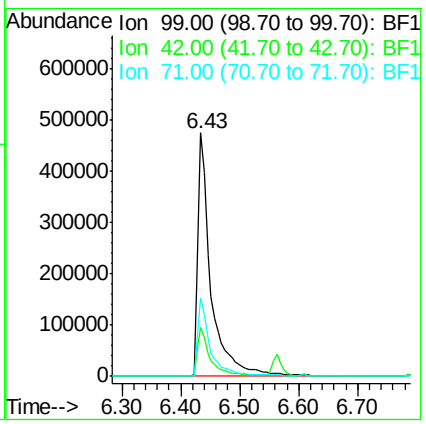


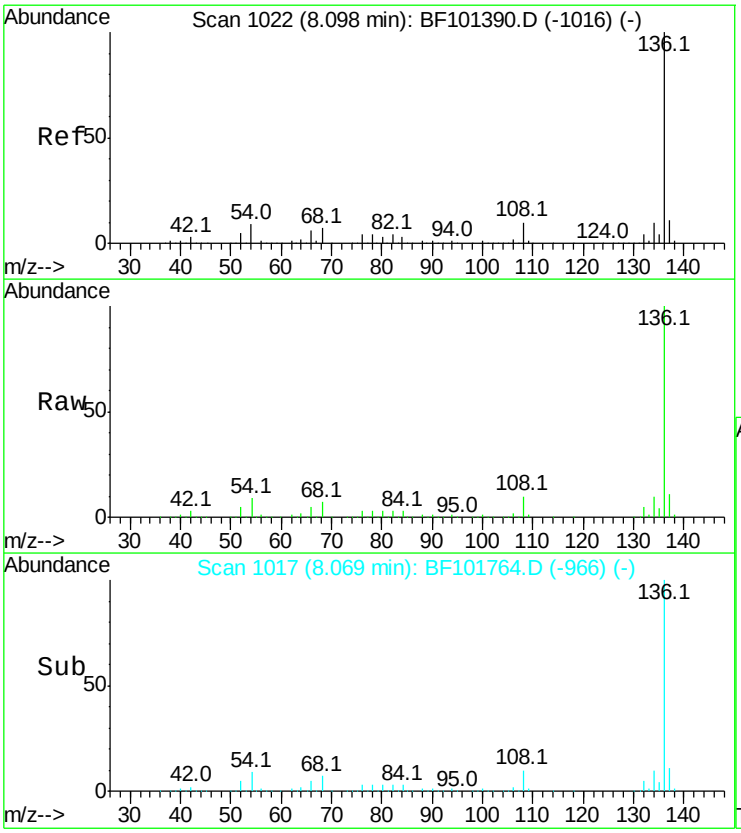

#7
Phenol-d6
Concen: 57.846 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

**Instrument :**
BNA_F
**ClientSampleId :**
HALSTED-WW

Tgt Ion: 99 Resp: 724016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.4 | 14.5 | 21.7 |
| 71 | 32.2 | 25.4 | 38.0 |

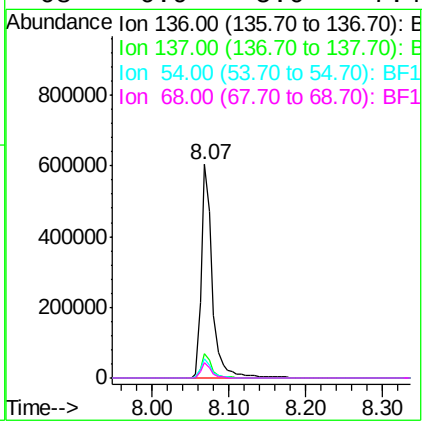


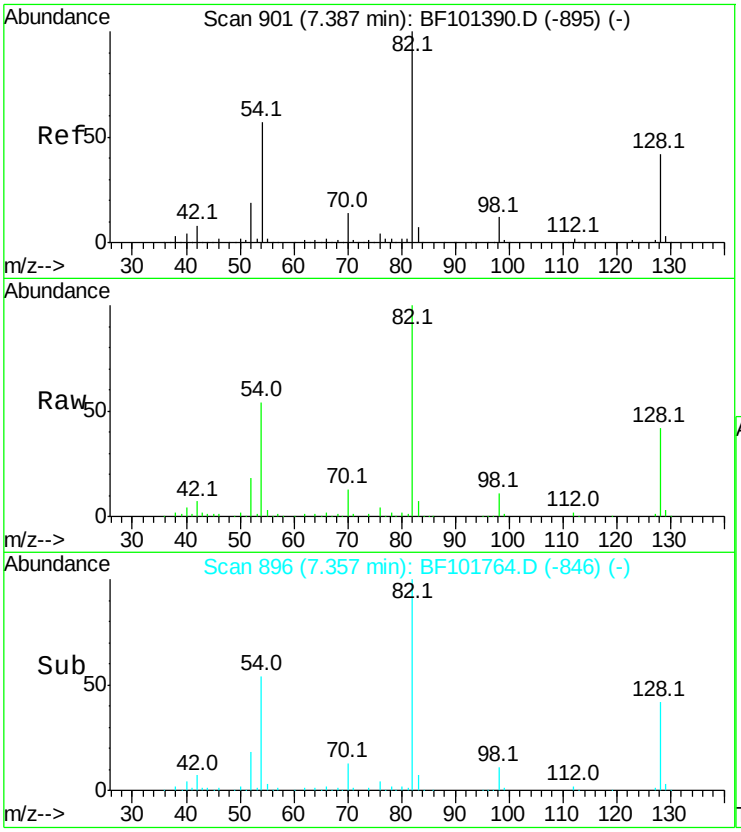




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Tgt Ion:136 Resp: 602976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.9 | 13.3 |
| 54 | 9.1 | 6.6 | 9.8 |
| 68 | 6.9 | 5.0 | 7.4 |



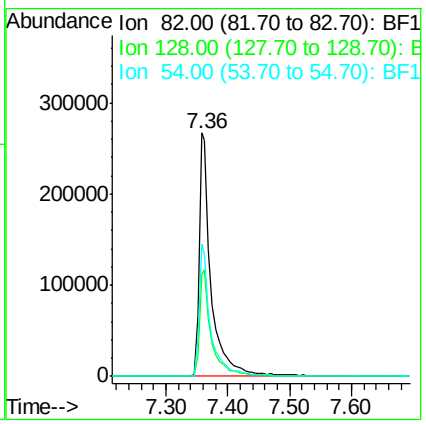


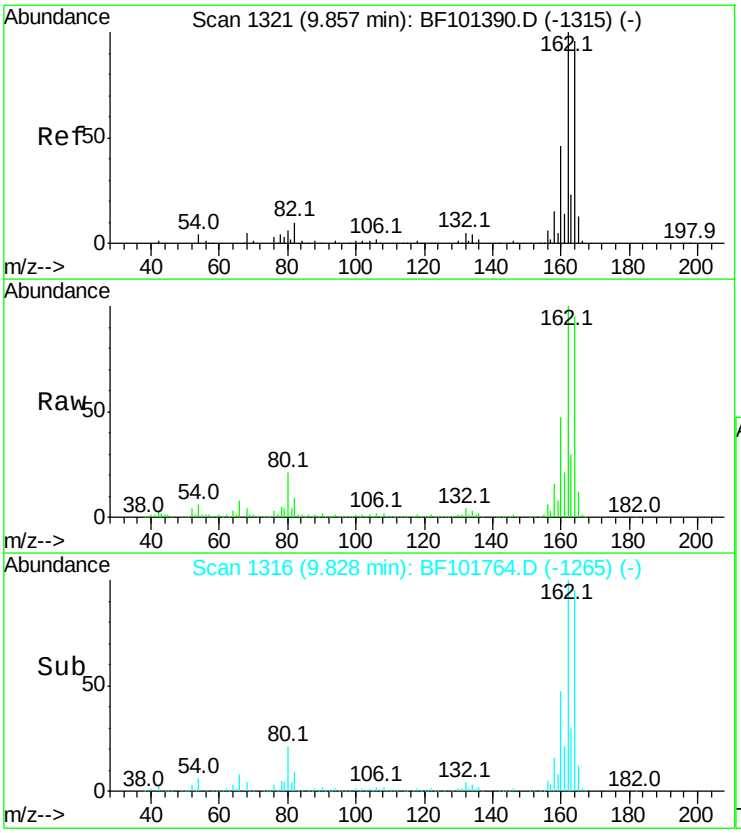

#23
Nitrobenzene-d5
Concen: 33.988 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

**Instrument :**
BNA_F
**ClientSampleId :**
HALSTED-WW

Tgt Ion: 82 Resp: 368161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.9 | 36.1 | 54.1 |
| 54 | 54.3 | 41.4 | 62.2 |

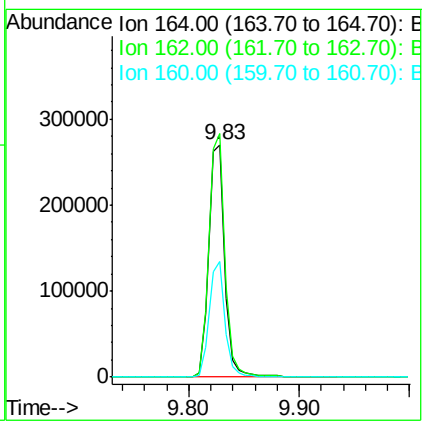


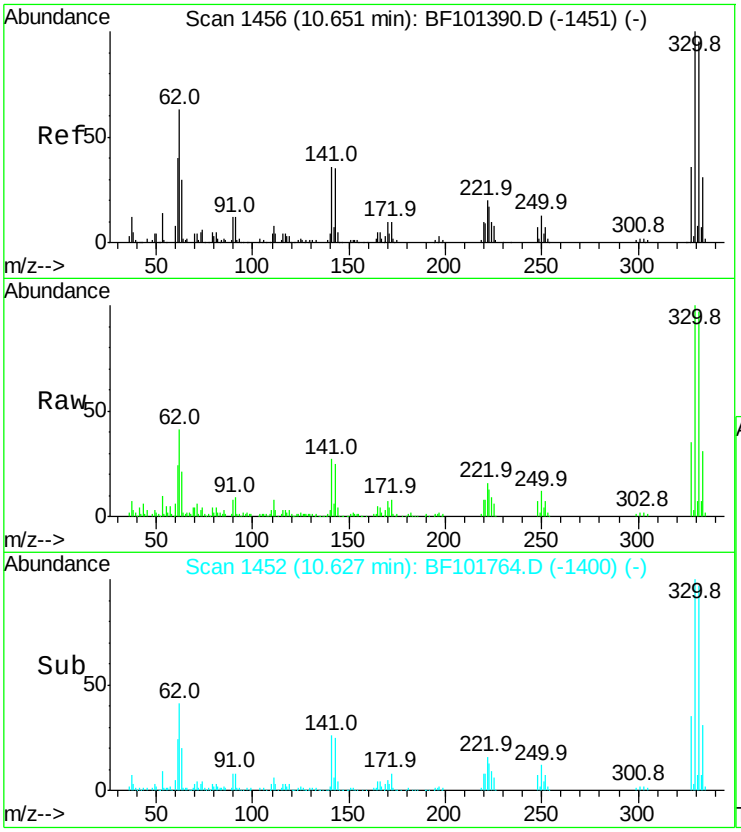




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Tgt Ion:164 Resp: 265098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.9 | 86.1 | 129.1 |
| 160 | 49.5 | 38.3 | 57.5 |



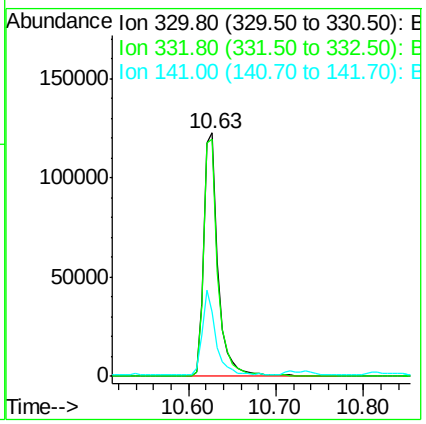


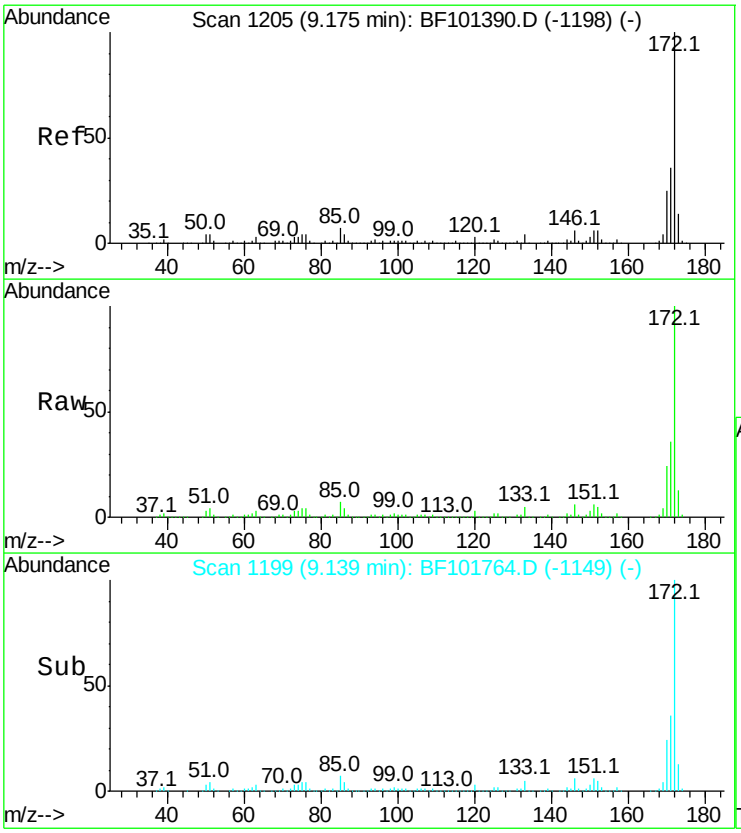

#41
2,4,6-Tribromophenol
Concen: 55.195 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

**Instrument :**
BNA_F
**ClientSampleId :**
HALSTED-WW

Tgt Ion:330 Resp: 140991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 77.0 | 115.6 |
| 141 | 32.0 | 29.9 | 44.9 |

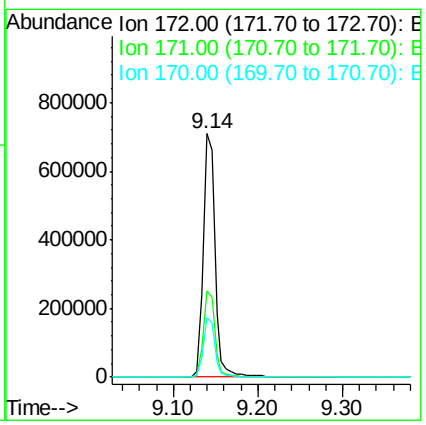


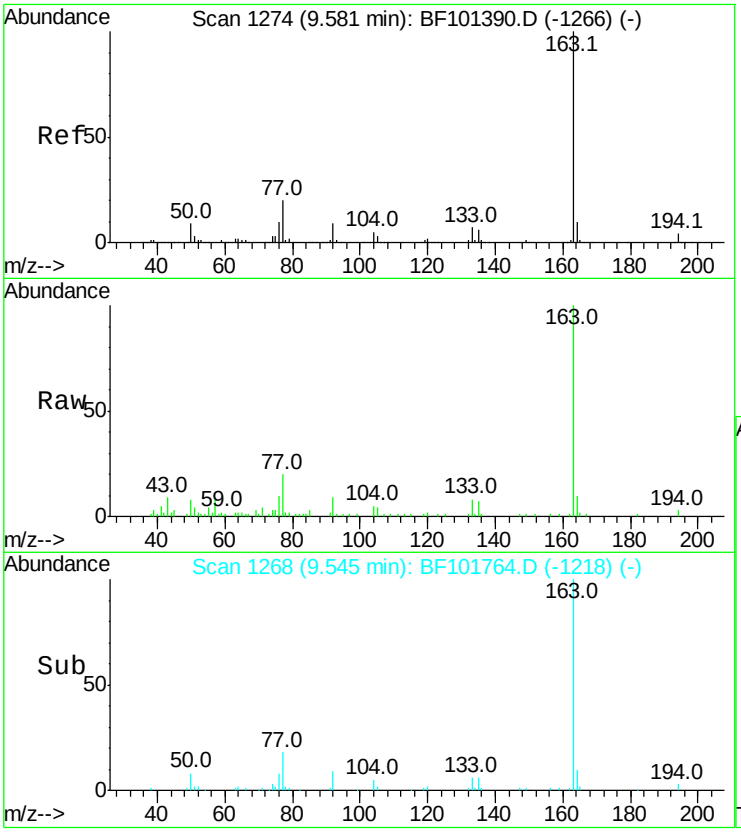




#44
2-Fluorobiphenyl
Concen: 40.284 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Tgt Ion:172 Resp: 688430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 29.7 | 44.5 |
| 170 | 24.3 | 19.6 | 29.4 |



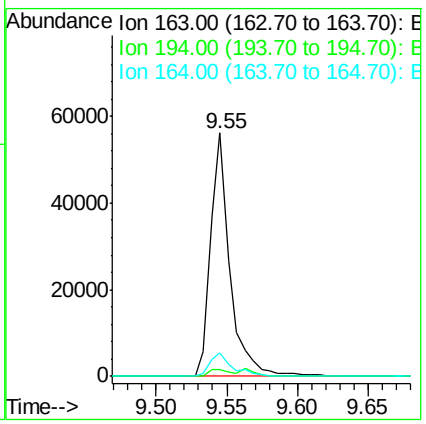


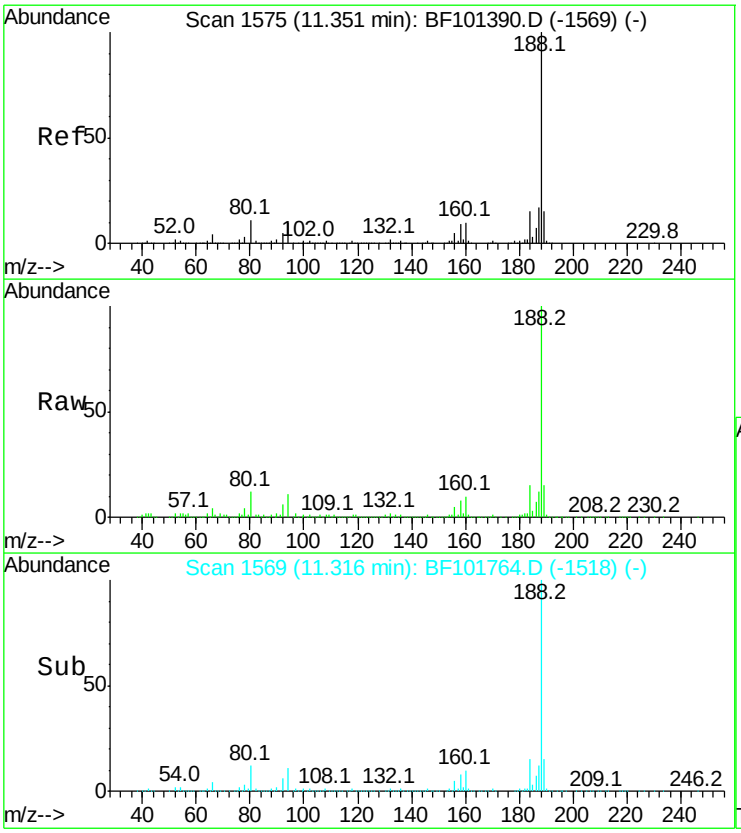

#49
Dimethylphthalate
Concen: 2.513 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

**Instrument :**
BNA_F
**ClientSampleId :**
HALSTED-WW

Tgt Ion:163 Resp: 53580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.1 | 2.7 | 4.1 |
| 164 | 9.7 | 8.2 | 12.2 |

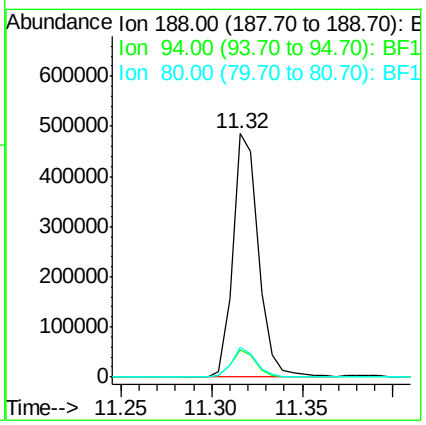


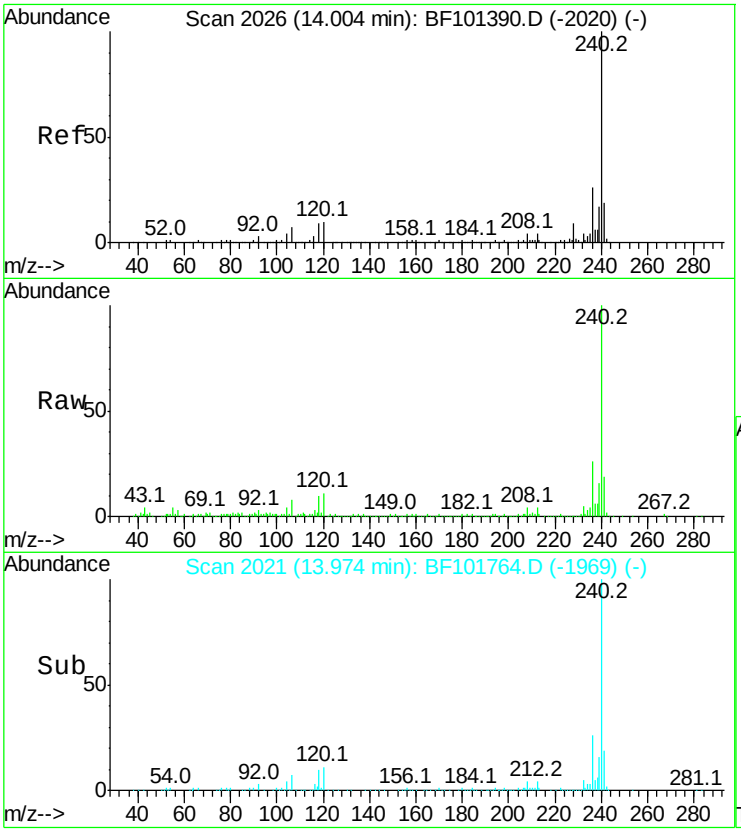




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Tgt Ion:188 Resp: 476370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.3 | 8.5 | 12.7 |
| 80 | 12.0 | 9.2 | 13.8 |



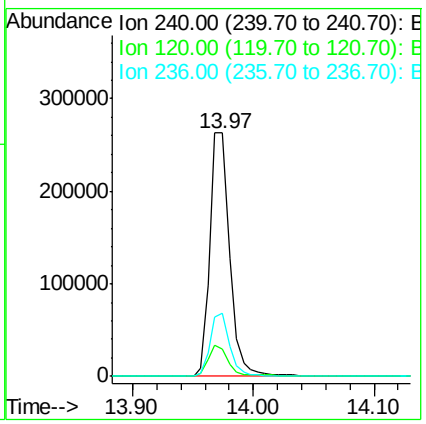


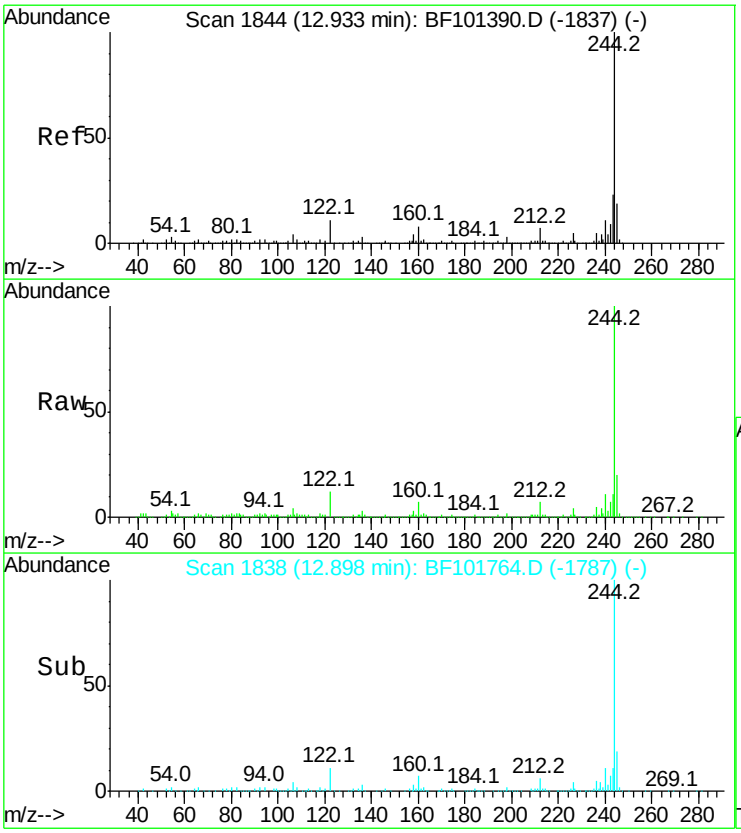

#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

**Instrument :**
BNA_F
**ClientSampleId :**
HALSTED-WW

Tgt Ion:240 Resp: 297659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.1 | 9.5 | 14.3 |
| 236 | 25.7 | 20.7 | 31.1 |

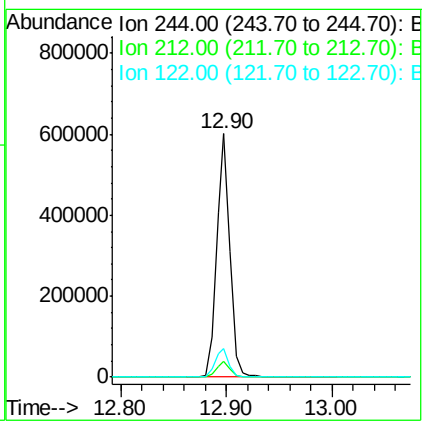


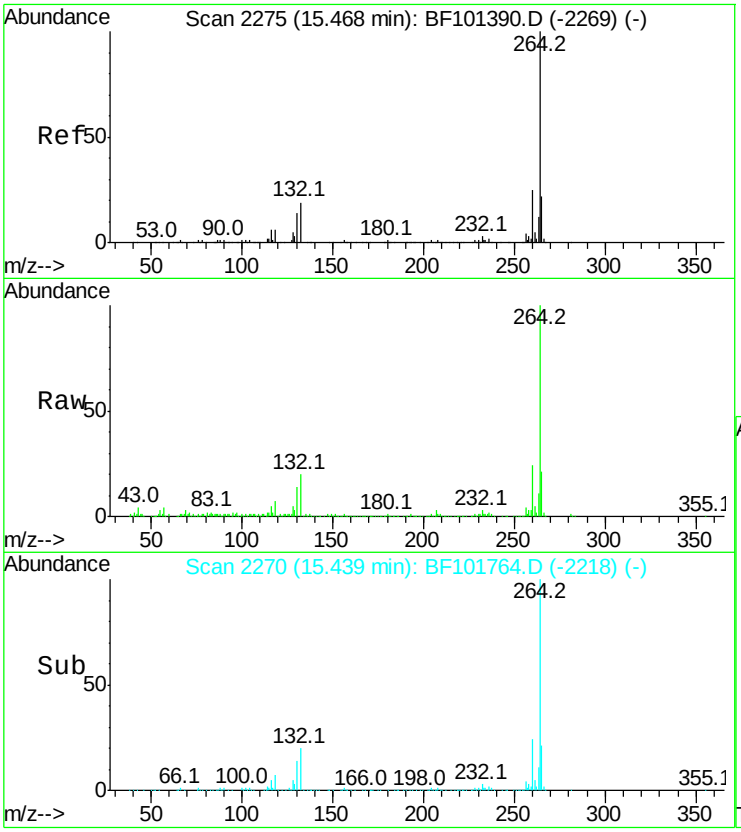




#78
Terphenyl-d14
Concen: 42.904 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Tgt Ion:244 Resp: 529741

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.6 | 5.4 | 8.0 |
| 122 | 11.6 | 11.0 | 16.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

**Instrument :**
BNA_F
**ClientSampleId :**
HALSTED-WW

Tgt Ion:264 Resp: 289691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.2 | 28.8 |
| 265 | 21.5 | 17.5 | 26.3 |