Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010142.D
Acq On : 23 May 2017 15:17
Operator : SJ/MA
Sample : I3281-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** R1-TP12-D1112

Quant Time: May 23 19:15:44 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.96 | 152 | 133636 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.76 | 136 | 442045 | 20.00 | ng | -0.02 |
| 38) Acenaphthene-d10 | 14.59 | 164 | 266612 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 17.33 | 188 | 657782 | 20.00 | ng | -0.02 |
| 75) Chrysene-d12 | 21.49 | 240 | 1005596 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 23.86 | 264 | 1170987 | 20.00 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.54 | 112 | 927513 | 125.34 | ng | -0.02 |
| 7) Phenol-d6 | 7.15 | 99 | 1131218 | 118.80 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 9.15 | 82 | 736107 | 89.84 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.08 | 330 | 500815 | 123.68 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 13.21 | 172 | 1842477 | 88.84 | ng | -0.02 |
| 78) Terphenyl-d14 | 19.93 | 244 | 3089813 | 69.87 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 49) Dimethylphthalate | 14.05 | 163 | 299304 | 12.59 | ng | # 97 |

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

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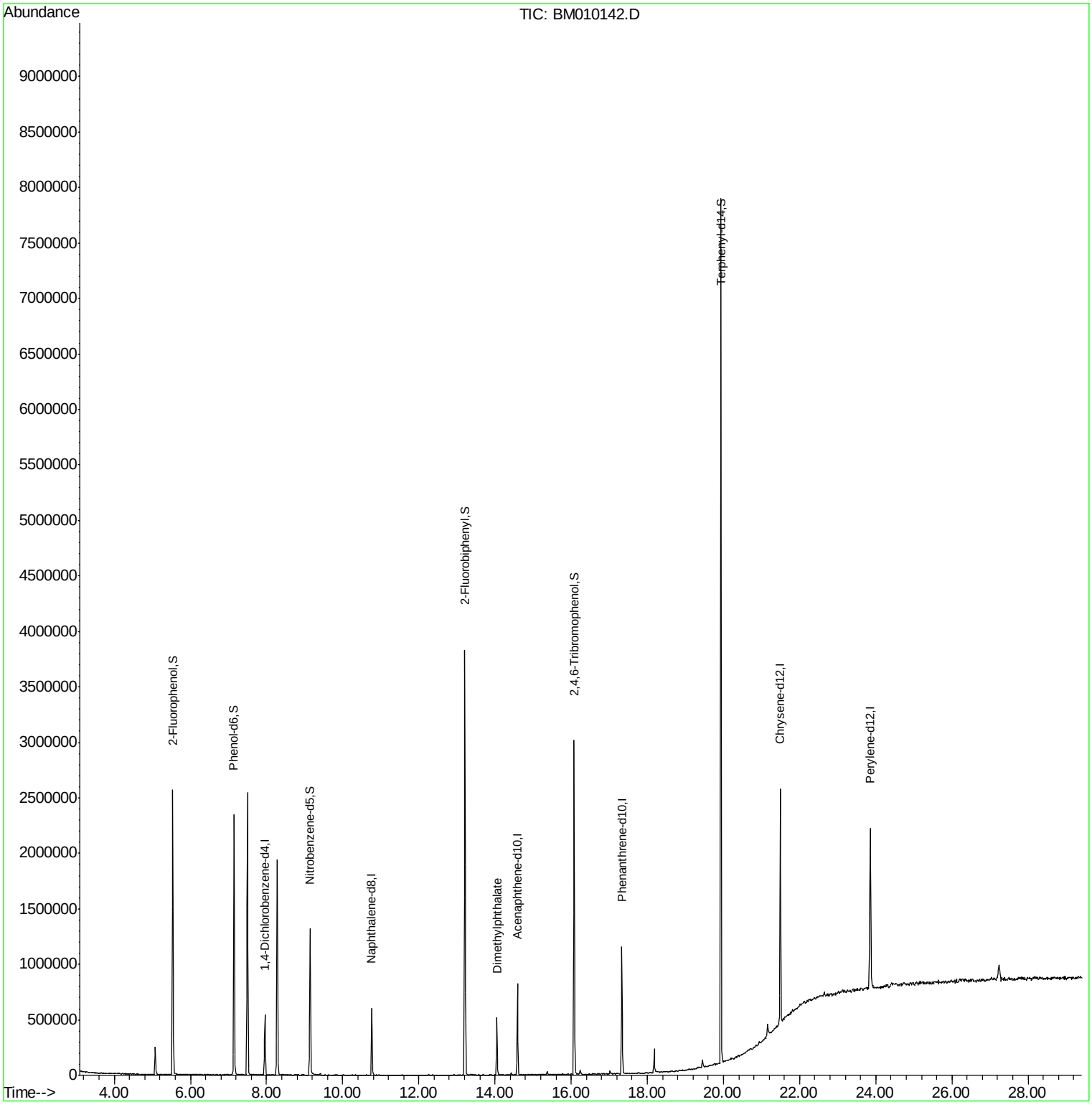
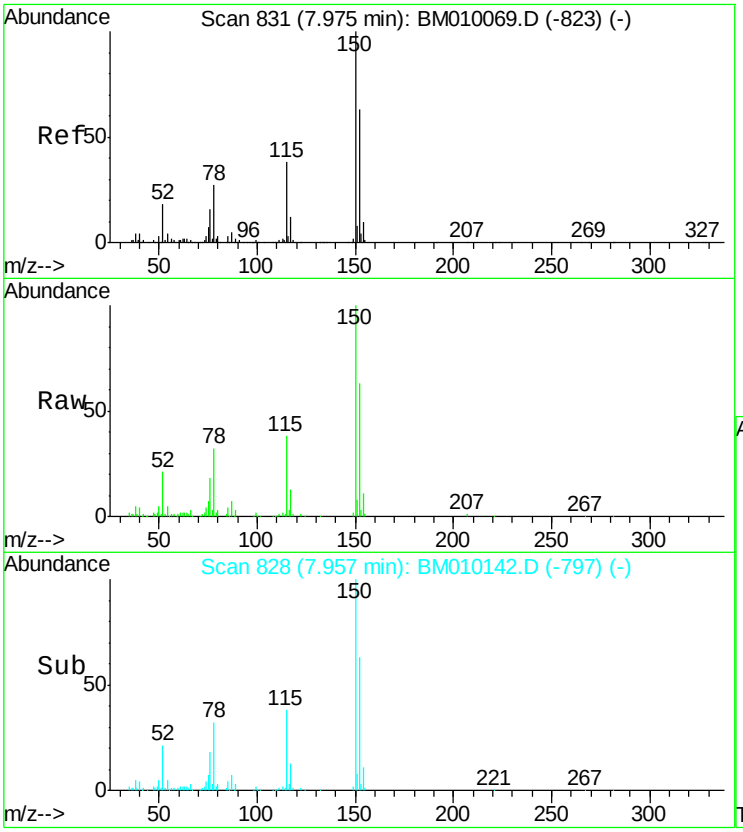


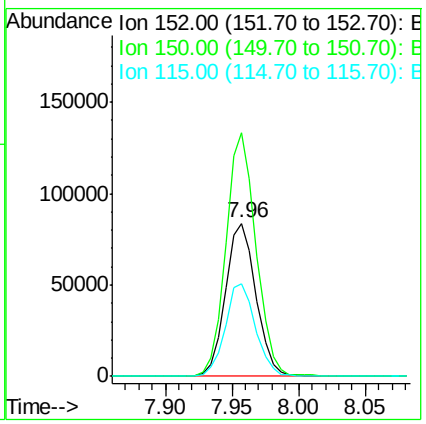


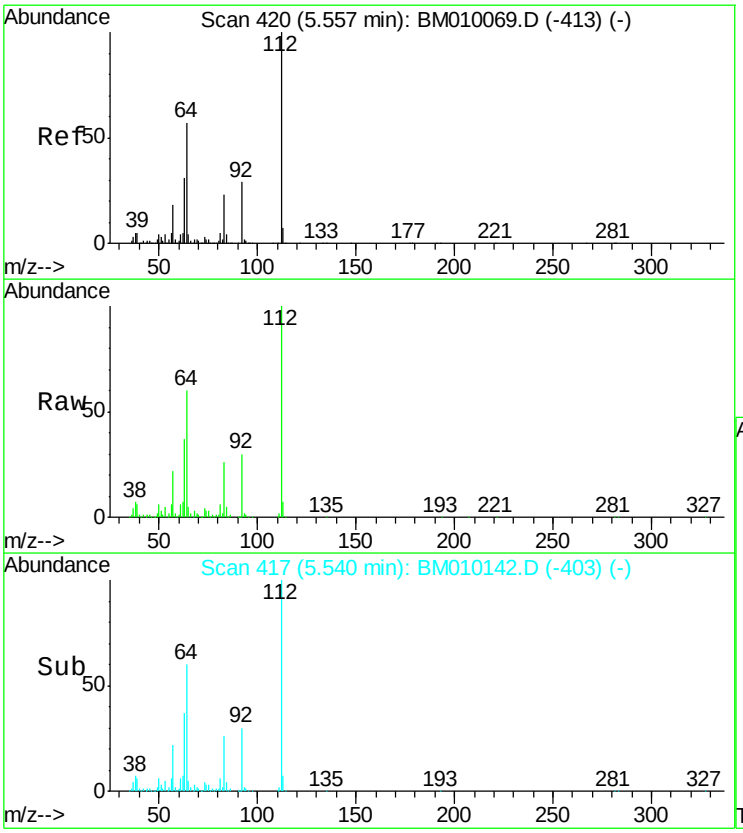

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

**Instrument :**
BNA_M
**ClientSampleId :**
R1-TP12-D1112

Tgt Ion:152 Resp: 133636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.0 | 119.5 | 179.3 |
| 115 | 60.1 | 43.0 | 64.4 |

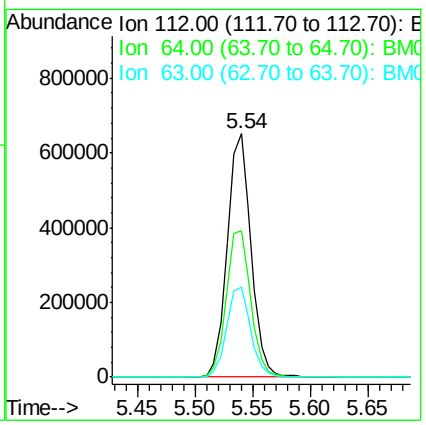


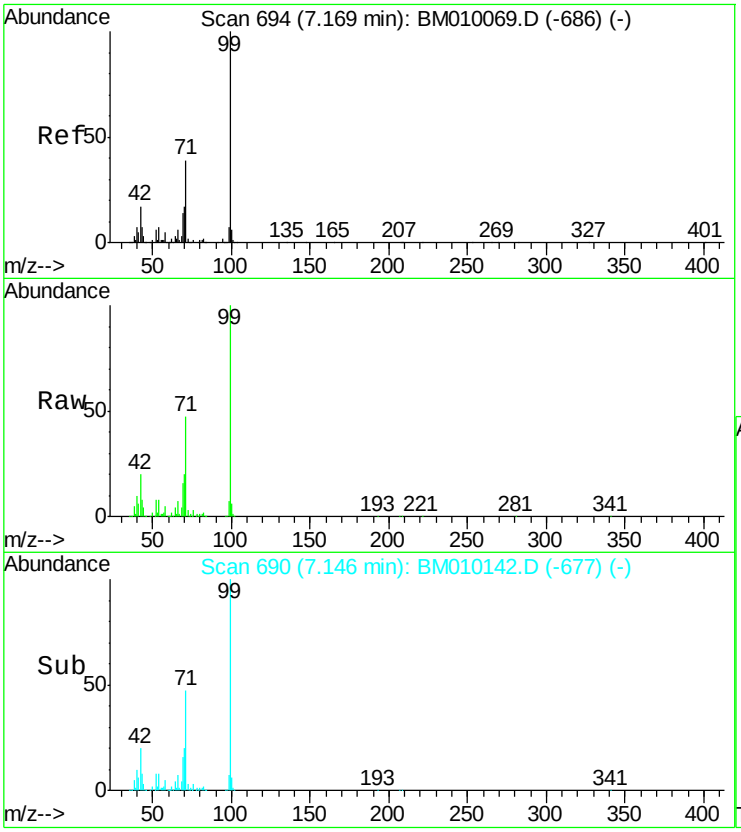




#5
2-Fluorophenol
Concen: 125.34 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

Tgt Ion:112 Resp: 927513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.1 | 38.6 | 57.8# |
| 63 | 36.9 | 19.3 | 28.9# |



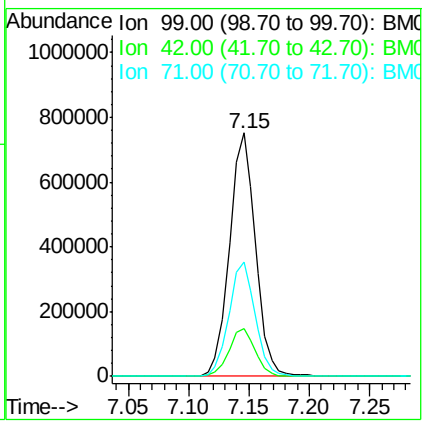


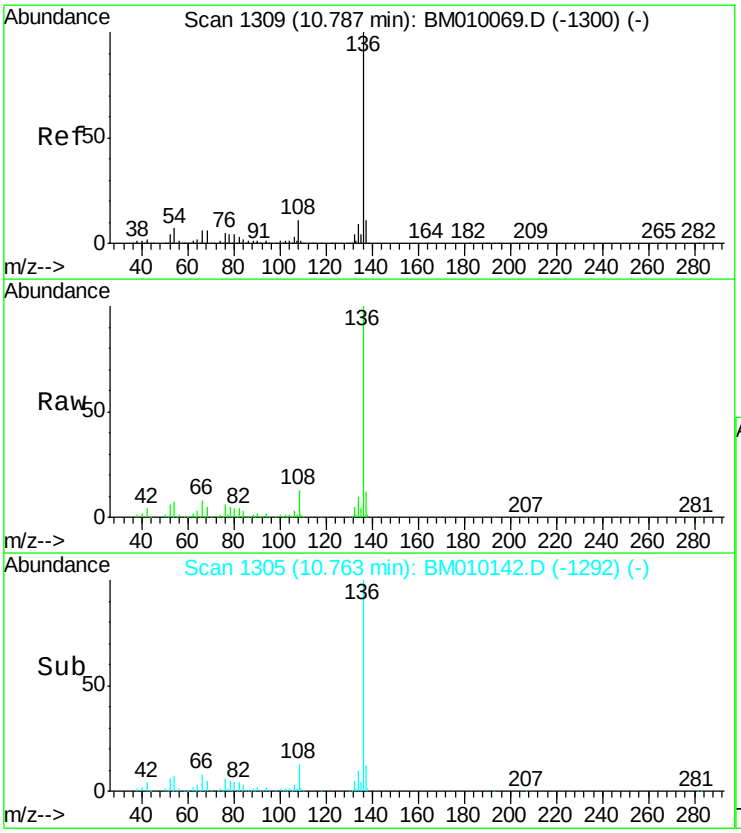

#7
Phenol-d6
Concen: 118.80 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

**Instrument :**
BNA_M
**ClientSampleId :**
R1-TP12-D1112

Tgt Ion: 99 Resp: 1131218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.8 | 11.0 | 16.4# |
| 71 | 46.8 | 23.4 | 35.2# |

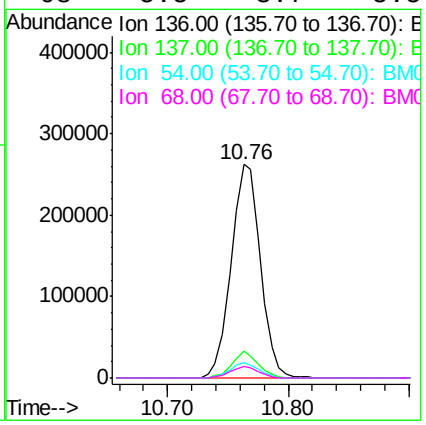


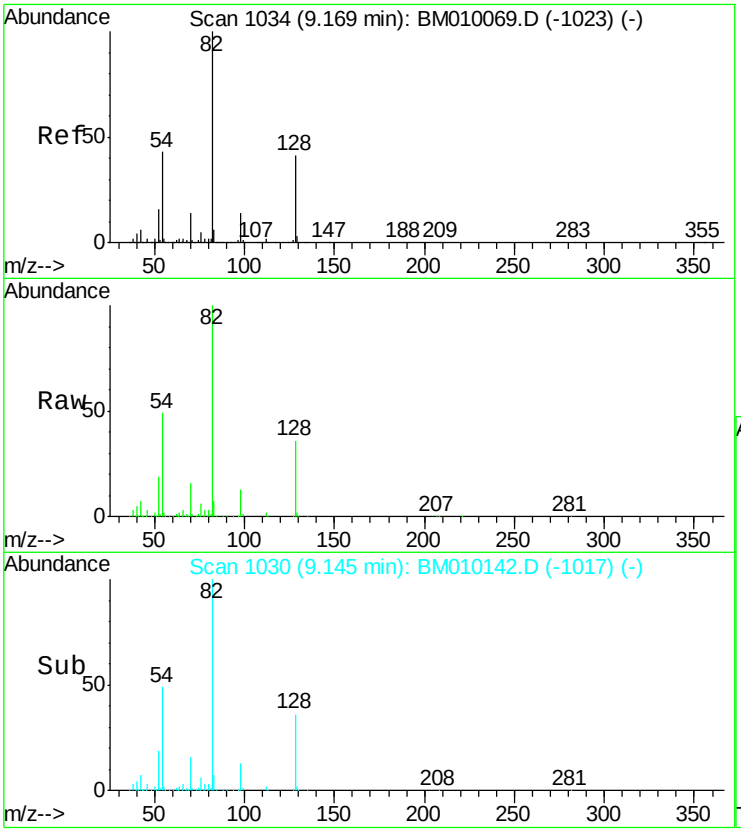




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

Tgt Ion:136 Resp: 442045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.4 | 8.7 | 13.1 |
| 54 | 7.3 | 4.6 | 6.8# |
| 68 | 5.5 | 3.7 | 5.5 |



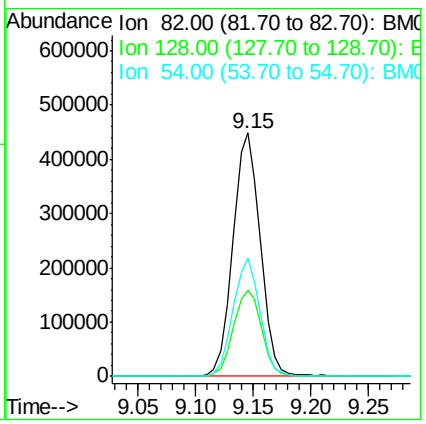


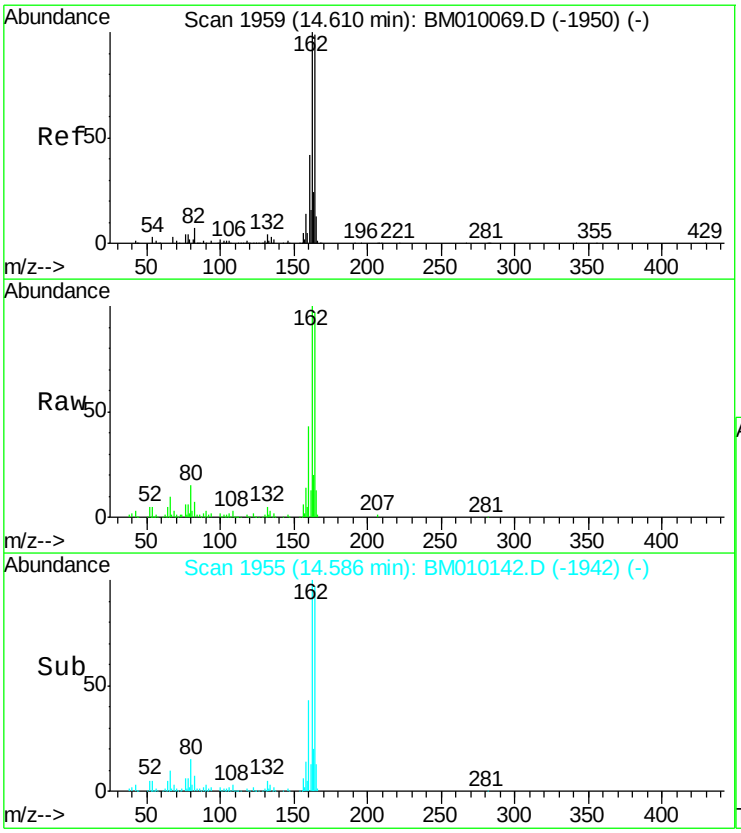

#23
Nitrobenzene-d5
Concen: 89.84 ng
RT: 9.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

**Instrument :**
BNA_M
**ClientSampleId :**
R1-TP12-D1112

Tgt Ion: 82 Resp: 736107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 35.6 | 32.8 | 49.2 |
| 54 | 48.6 | 40.6 | 60.8 |

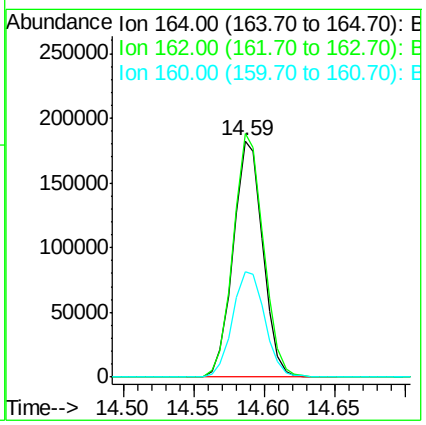


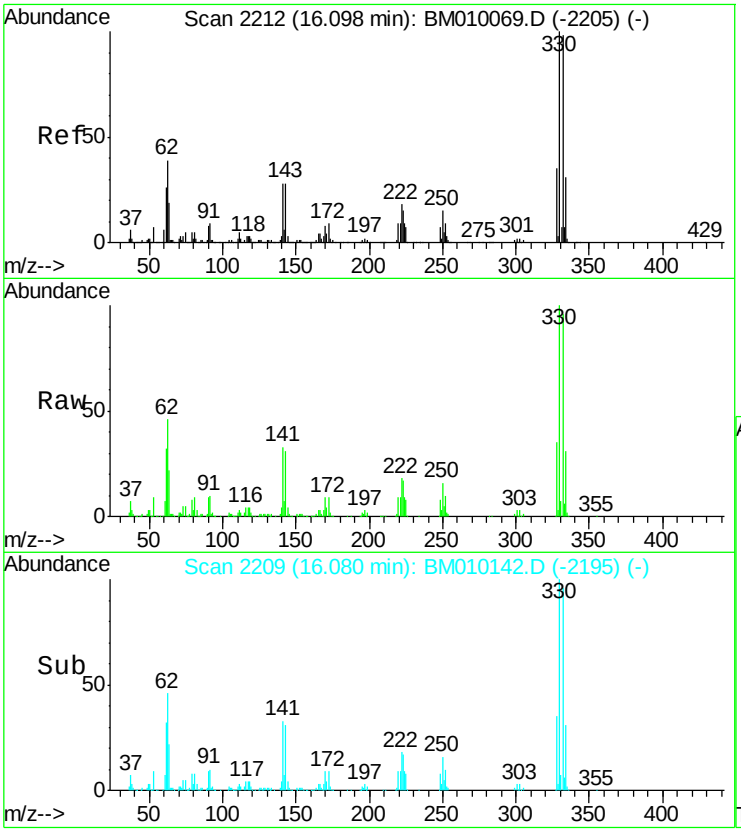




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

Tgt Ion:164 Resp: 266612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 82.4 | 123.6 |
| 160 | 44.8 | 35.8 | 53.6 |



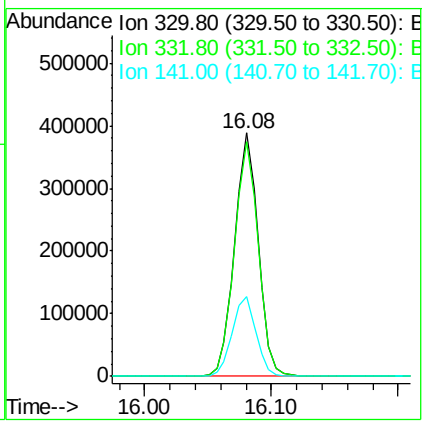


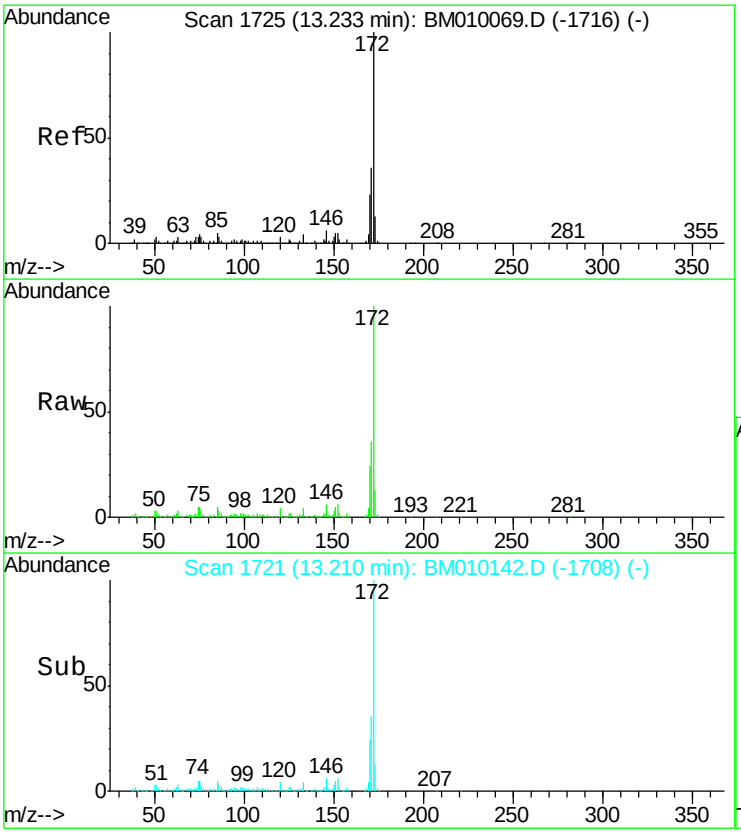

#41
2,4,6-Tribromophenol
Concen: 123.68 ng
RT: 16.08 min Scan# 2209
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

**Instrument :**
BNA_M
**ClientSampleId :**
R1-TP12-D1112

Tgt Ion:330 Resp: 500815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 0.0 | 0.0# |
| 141 | 33.1 | 0.0 | 0.0# |

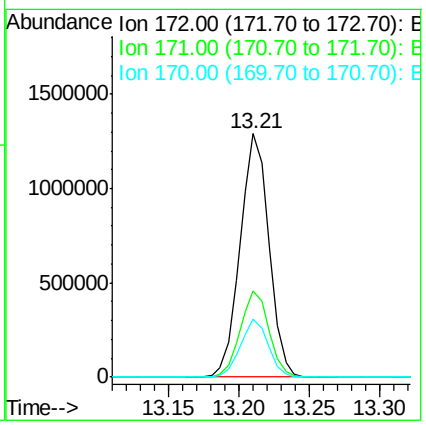


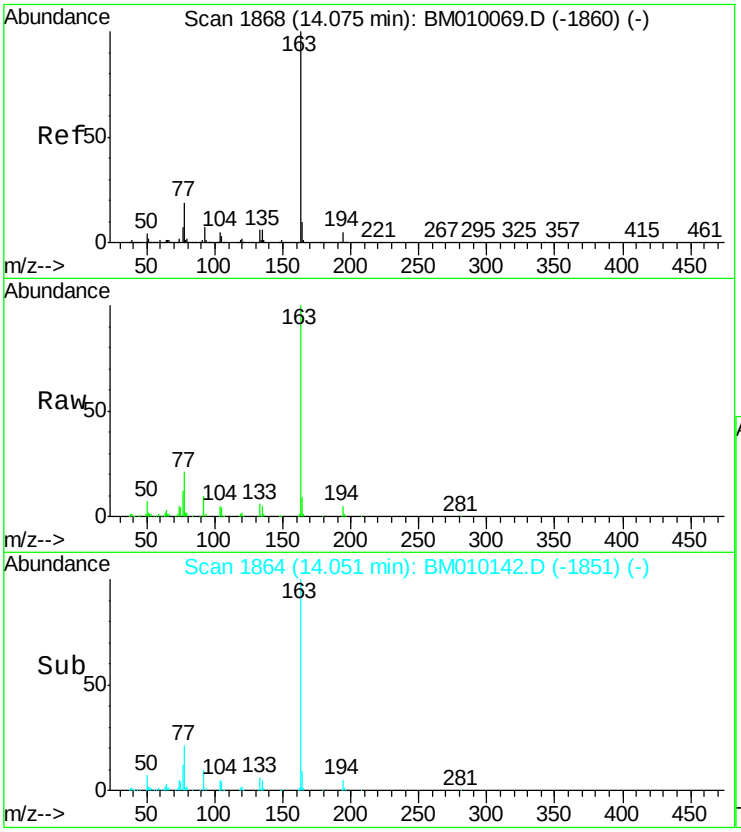




#44
2-Fluorobiphenyl
Concen: 88.84 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

Tgt Ion:172 Resp: 1842477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.5 | 42.7 |
| 170 | 23.6 | 18.8 | 28.2 |



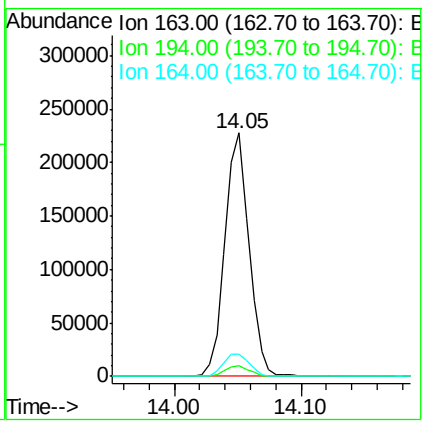


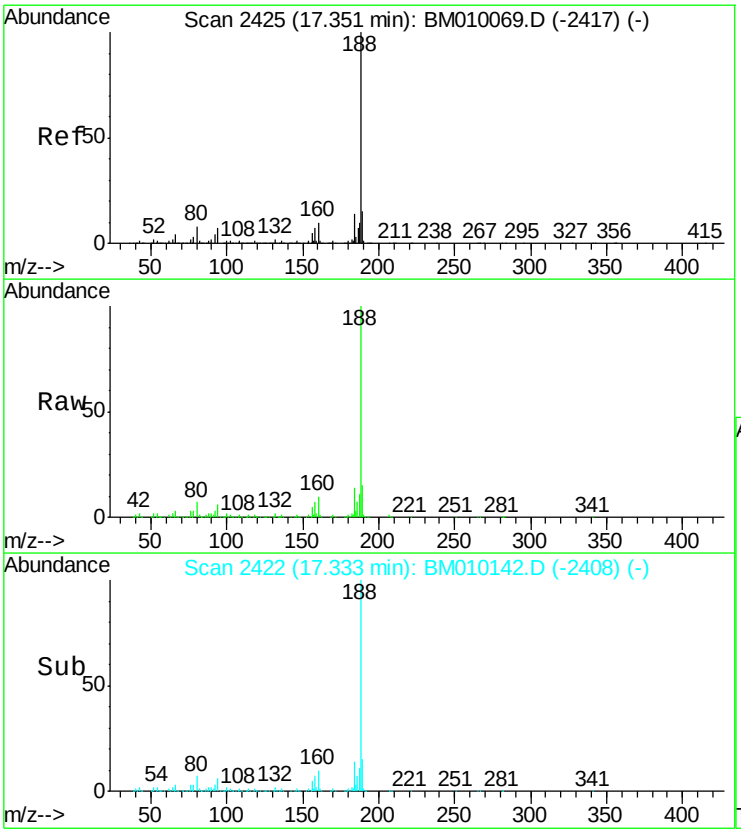

#49
Dimethylphthalate
Concen: 12.59 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

**Instrument :**
BNA_M
**ClientSampleId :**
R1-TP12-D1112

Tgt Ion:163 Resp: 299304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 2.7 | 4.1# |
| 164 | 9.3 | 8.2 | 12.2 |

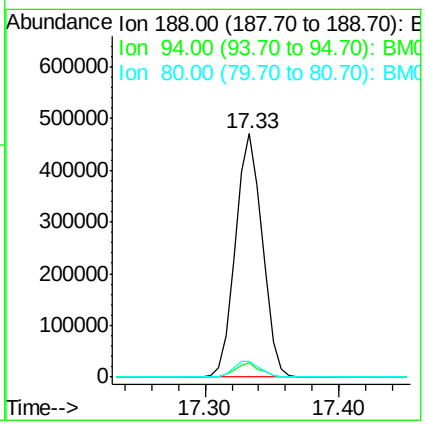


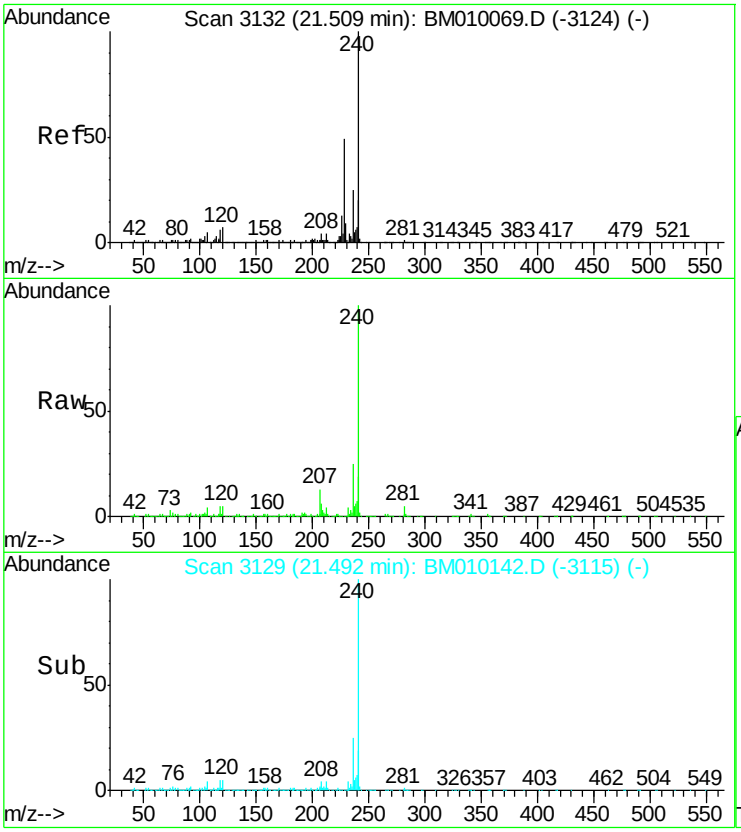




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

Tgt Ion:188 Resp: 657782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.7 | 8.7 | 13.1# |
| 80 | 6.6 | 9.3 | 13.9# |



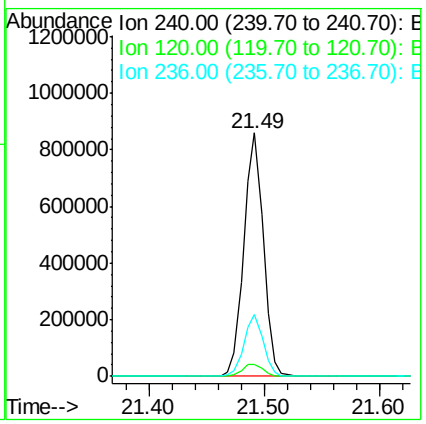


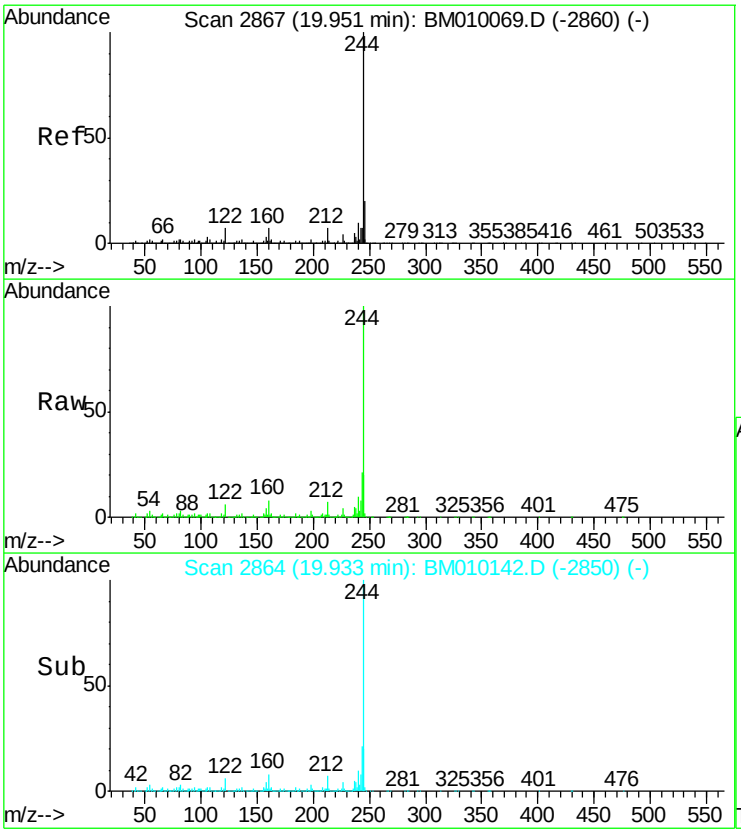

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

**Instrument :**
BNA_M
**ClientSampleId :**
R1-TP12-D1112

Tgt Ion:240 Resp: 1005596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.8 | 8.2 | 12.2# |
| 236 | 25.4 | 20.0 | 30.0 |

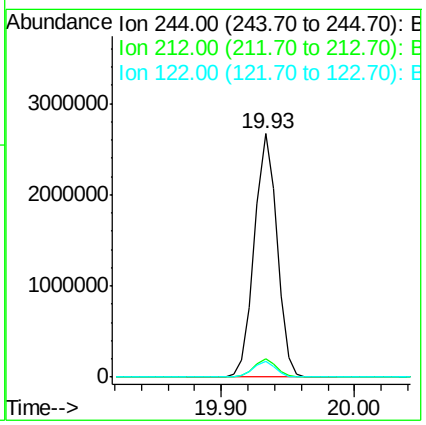


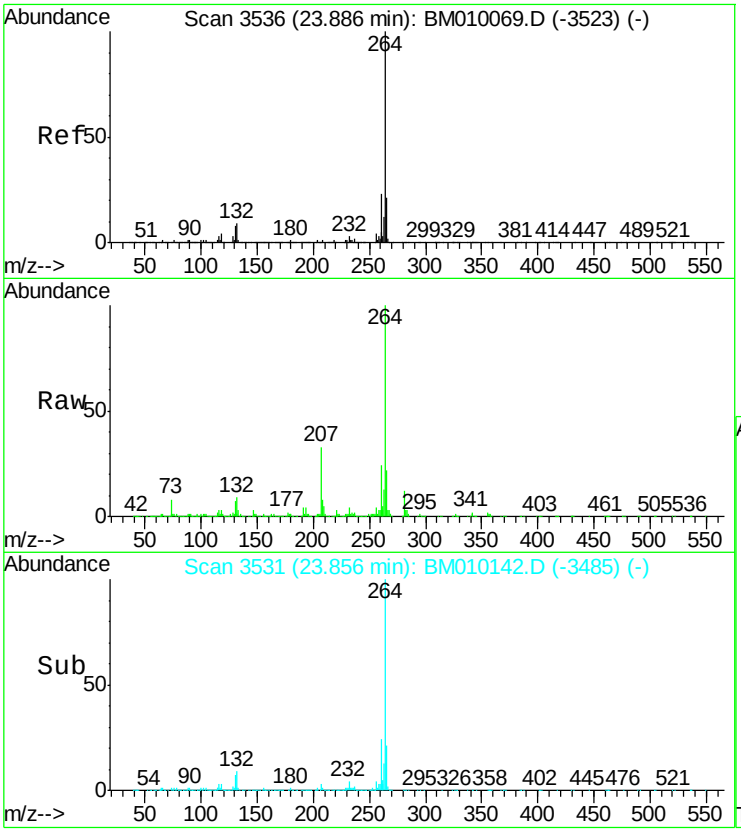




#78
Terphenyl-d14
Concen: 69.87 ng
RT: 19.93 min Scan# 2864
Delta R.T. -0.02 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

Tgt Ion:244 Resp: 3089813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 4.9 | 7.3 |
| 122 | 6.5 | 6.2 | 9.4 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 23.86 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BM010142.D
Acq: 23 May 2017 15:17

**Instrument :**
BNA_M
**ClientSampleId :**
R1-TP12-D1112

Tgt Ion:264 Resp: 1170987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 18.6 | 27.8 |
| 265 | 22.5 | 17.3 | 25.9 |