Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070816\
Data File : BG022915.D
Acq On : 8 Jul 2016 4:03
Operator : UM/SJ
Sample : H3841-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-3

Quant Time: Jul 08 05:50:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.15 | 152 | 101847 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.98 | 136 | 480057 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.80 | 164 | 393368 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.56 | 188 | 951855 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.84 | 240 | 1031717 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 25.19 | 264 | 1063566 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.70 | 112 | 422714 | 67.88 | ng | 0.00 |
| 7) Phenol-d6 | 7.30 | 99 | 423894 | 43.46 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.32 | 82 | 996752 | 88.91 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 879358 | 124.38 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.42 | 172 | 2108249 | 84.42 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.16 | 244 | 2960754 | 95.31 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.57 | 88 | 18420 | 7.61 | ng | 93 |
| 49) Dimethylphthalate | 14.24 | 163 | 71384 | 2.22 | ng | 96 |

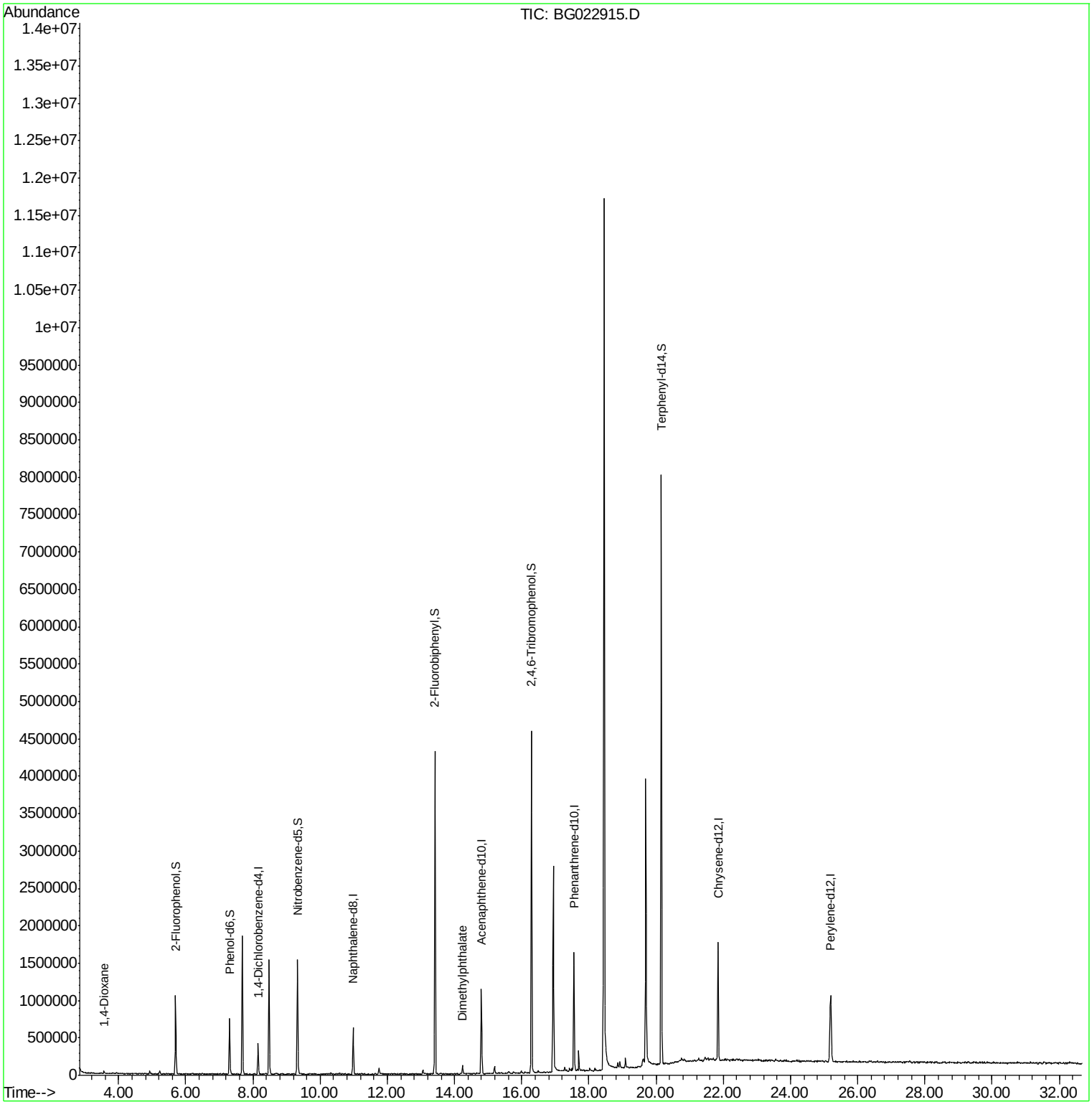
(#) = qualifier out of range (m) = manual integration (+) = signals summed

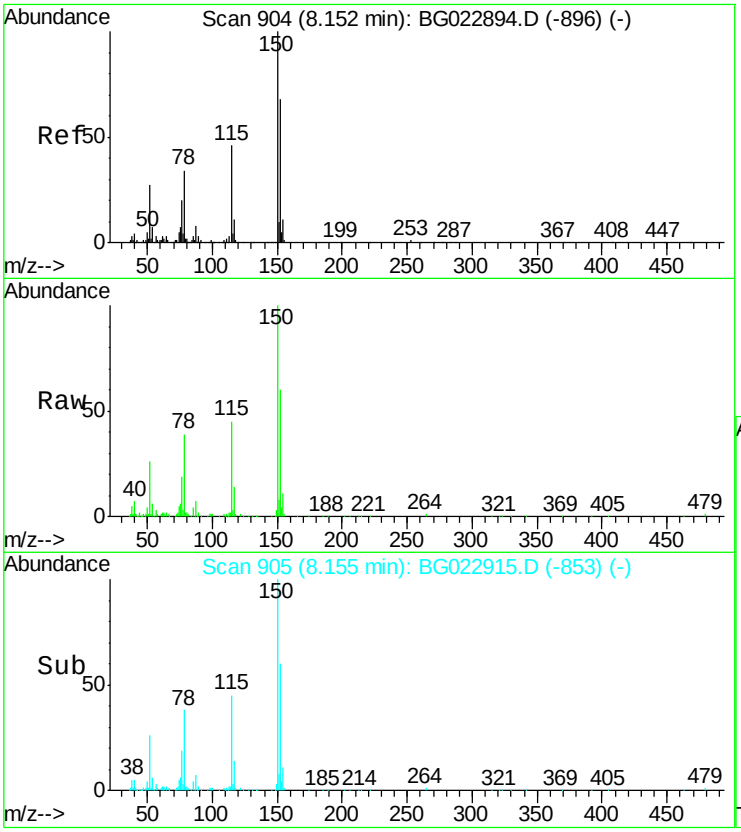
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070816\
Data File : BG022915.D
Acq On : 8 Jul 2016 4:03
Operator : UM/SJ
Sample : H3841-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Quant Time: Jul 08 05:50:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration



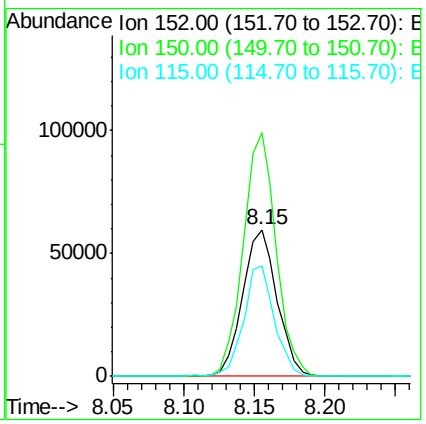


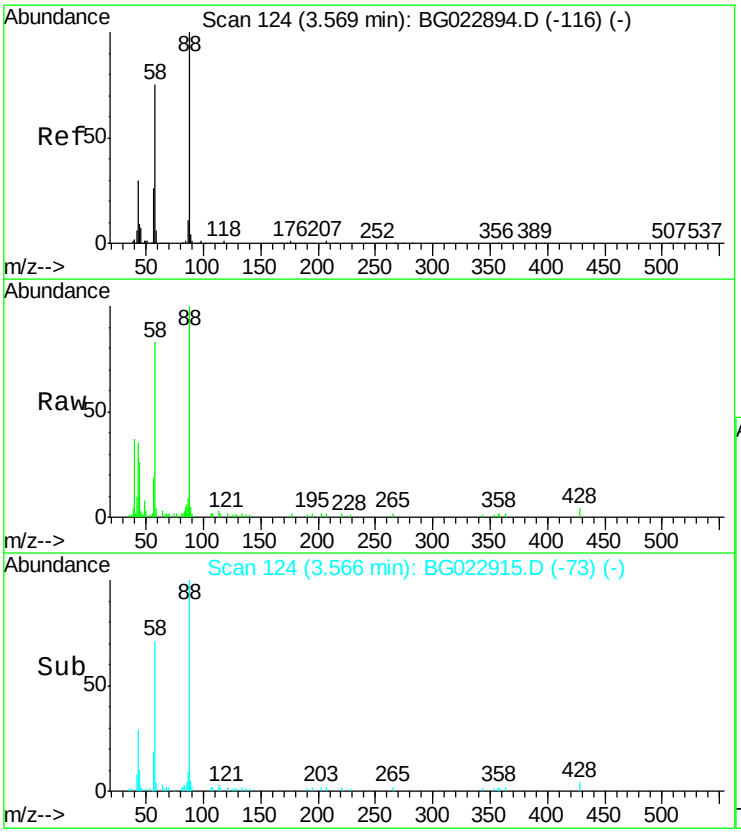

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:152 Resp: 101847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 166.1 | 144.7 | 217.1 |
| 115 | 75.4 | 64.0 | 96.0 |

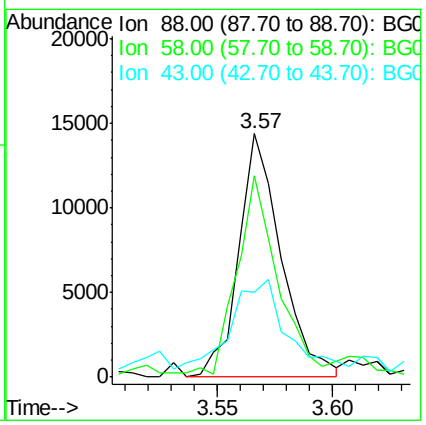


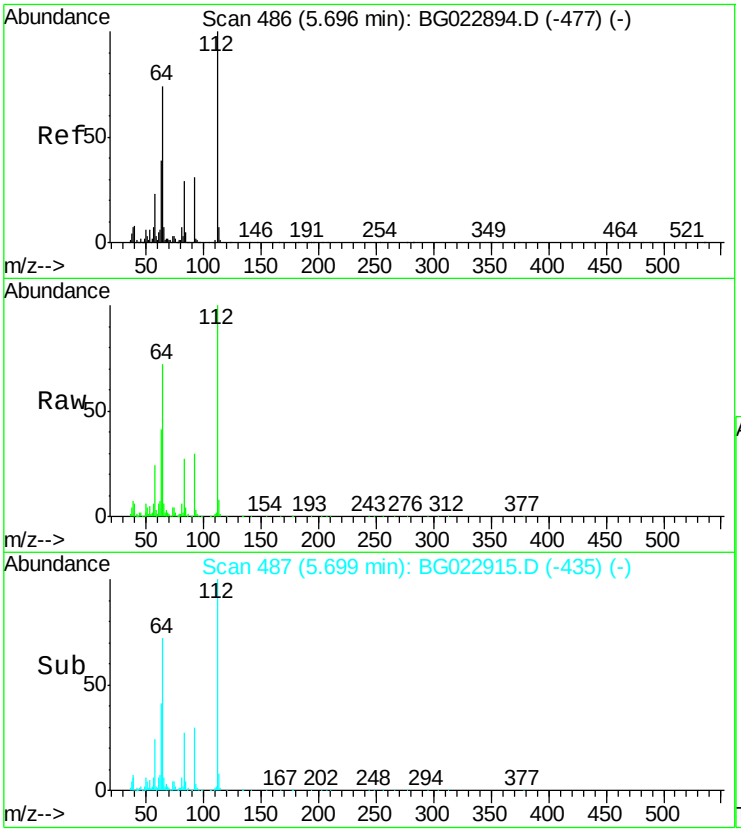




#2
1,4-Dioxane
Concen: 7.61 ng
RT: 3.57 min Scan# 124
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion: 88 Resp: 18420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 80.6 | 60.4 | 90.6 |
| 43 | 45.2 | 31.1 | 46.7 |



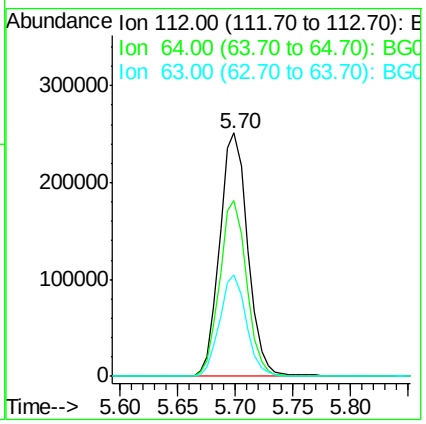


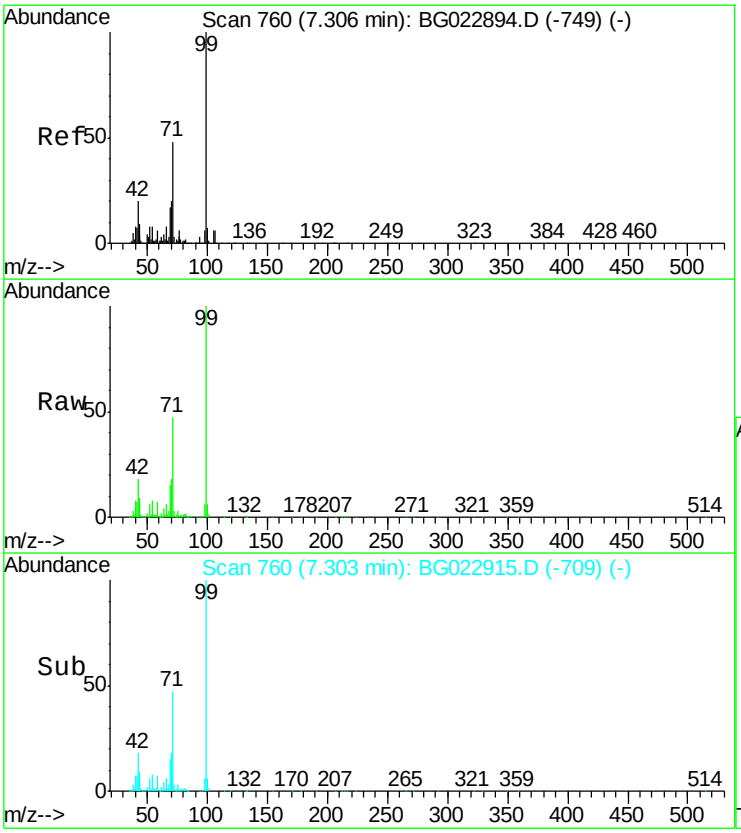

#5
2-Fluorophenol
Concen: 67.88 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:112 Resp: 422714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.4 | 59.0 | 88.4 |
| 63 | 41.5 | 37.8 | 56.8 |

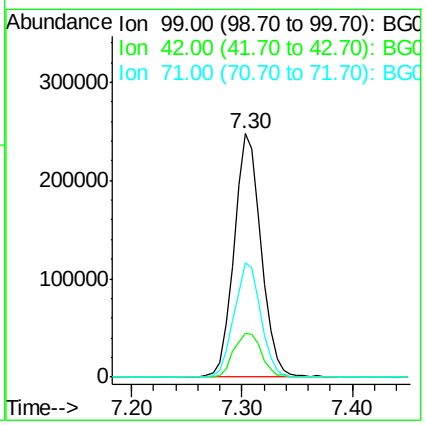


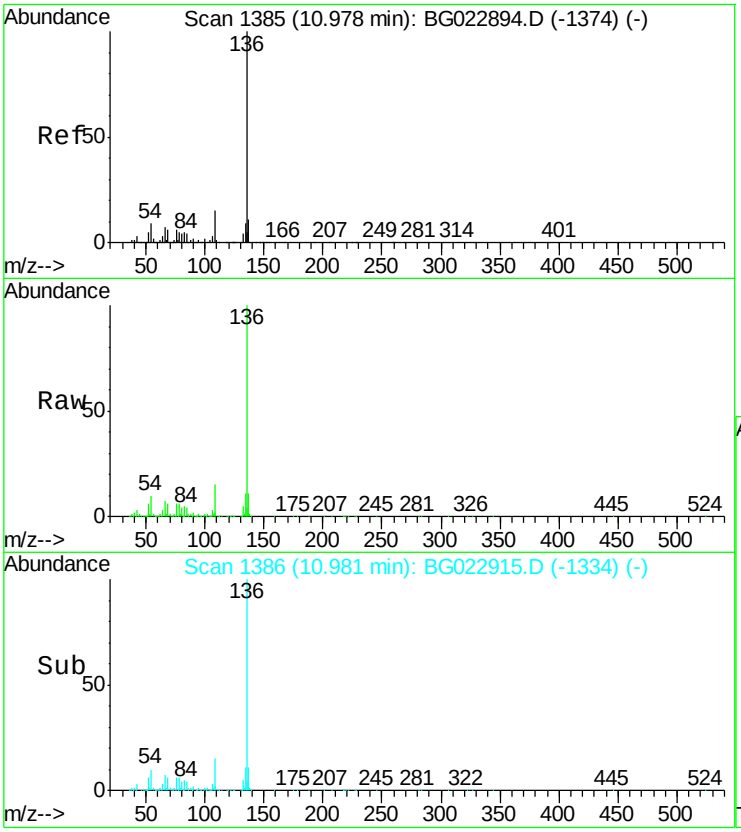




#7
Phenol-d6
Concen: 43.46 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion: 99 Resp: 423894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.1 | 17.8 | 26.6 |
| 71 | 46.9 | 41.5 | 62.3 |



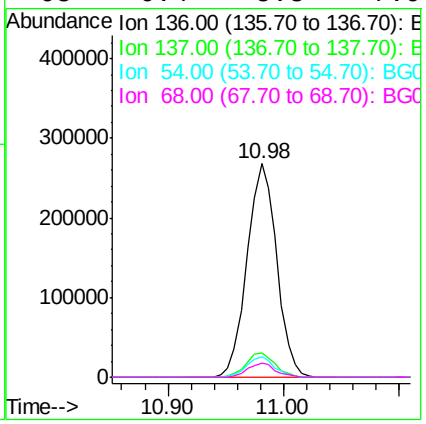


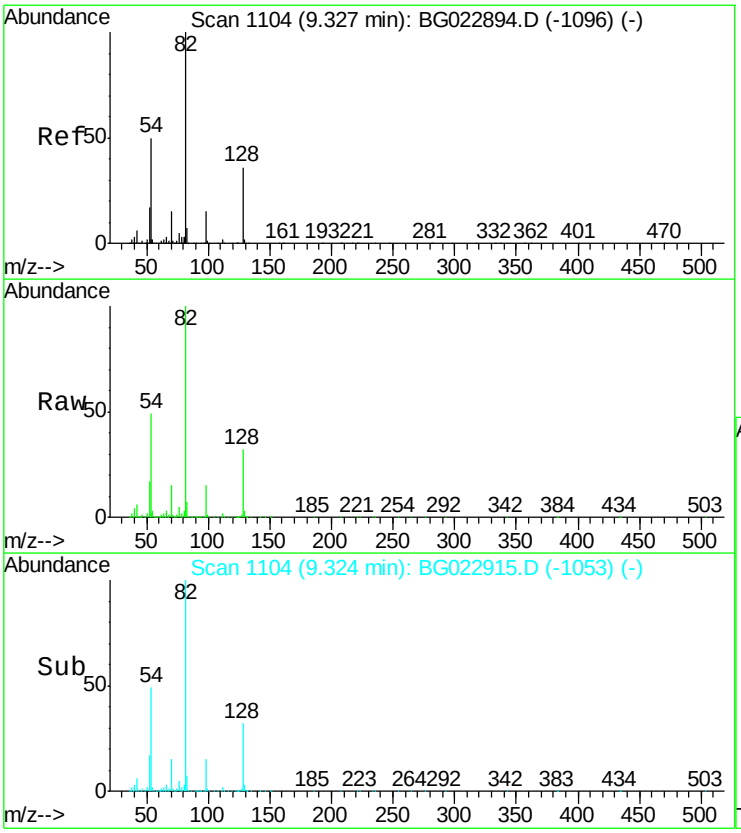

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:136 Resp: 480057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.6 | 14.4 |
| 54 | 9.7 | 7.3 | 10.9 |
| 68 | 6.4 | 5.3 | 7.9 |

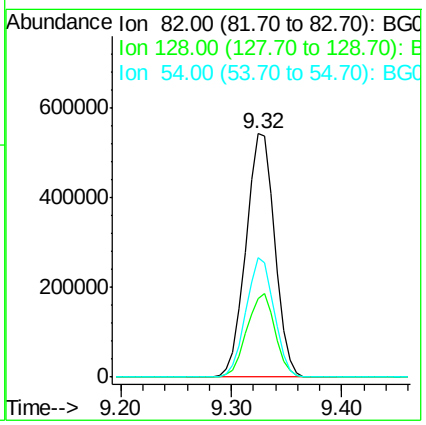


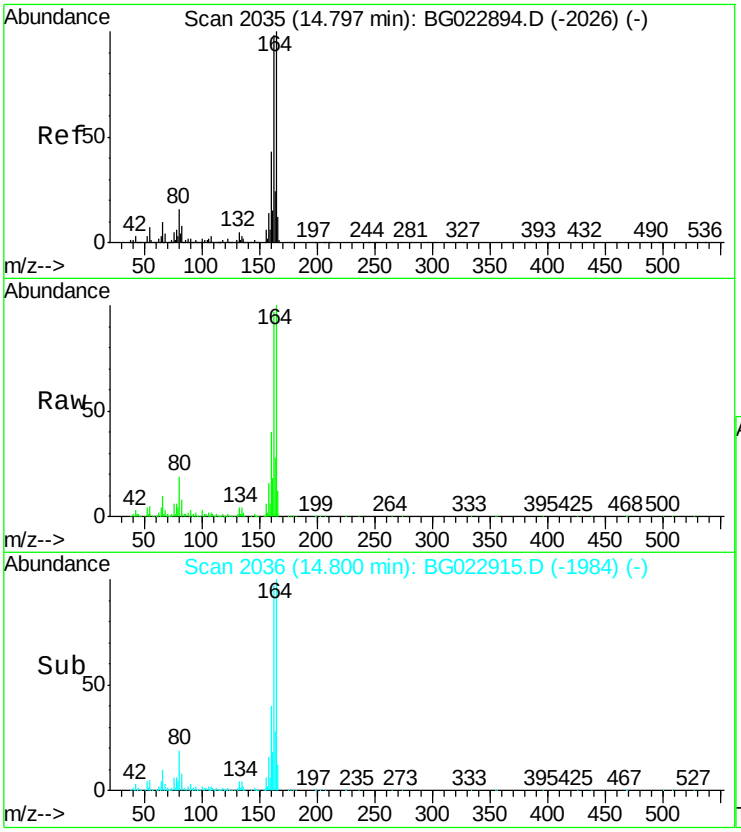




#23
Nitrobenzene-d5
Concen: 88.91 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion: 82 Resp: 996752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 32.1 | 24.4 | 36.6 |
| 54 | 48.9 | 41.4 | 62.0 |



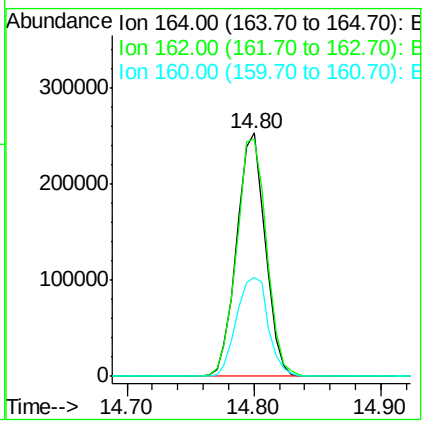


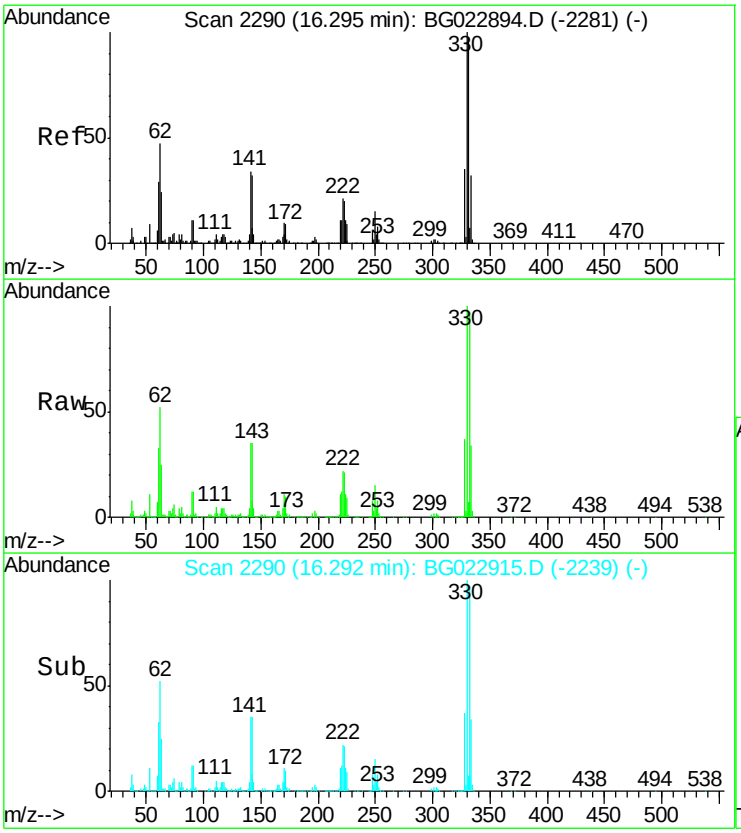

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:164 Resp: 393368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.4 | 87.7 | 131.5 |
| 160 | 40.4 | 37.2 | 55.8 |

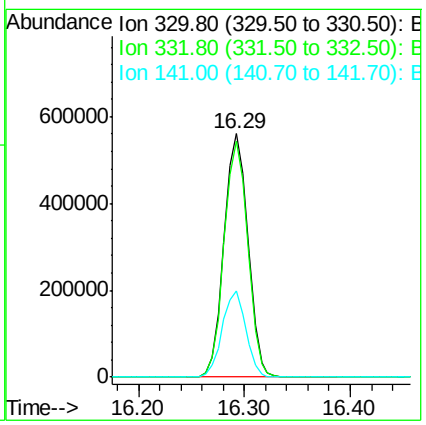


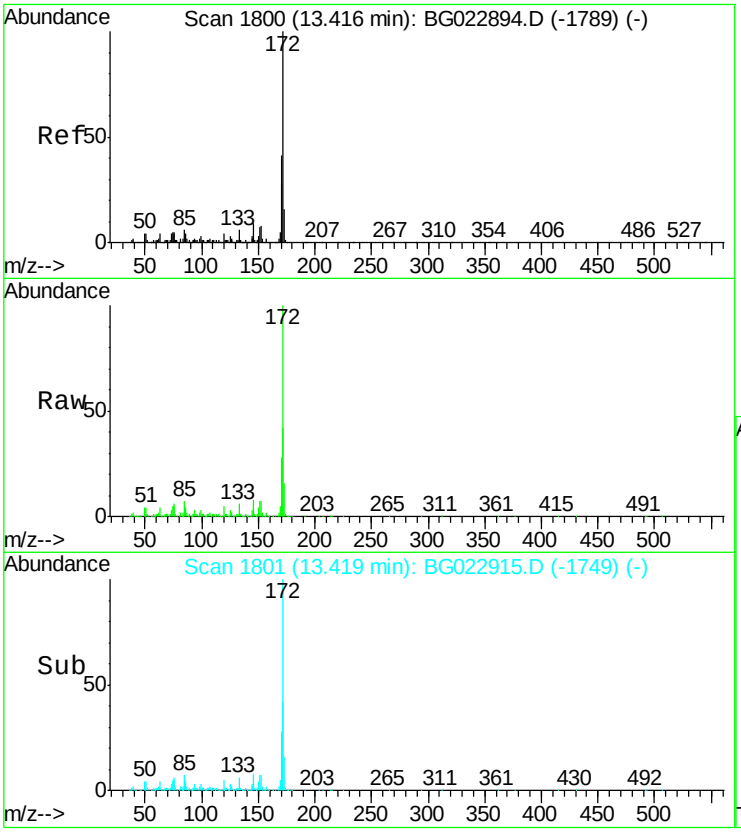




#41
2,4,6-Tribromophenol
Concen: 124.38 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion:330 Resp: 879358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.9 | 77.4 | 116.2 |
| 141 | 35.0 | 31.7 | 47.5 |



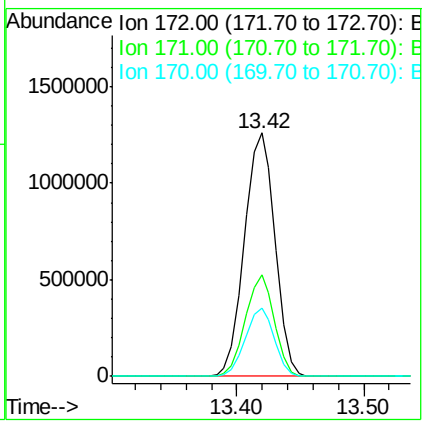


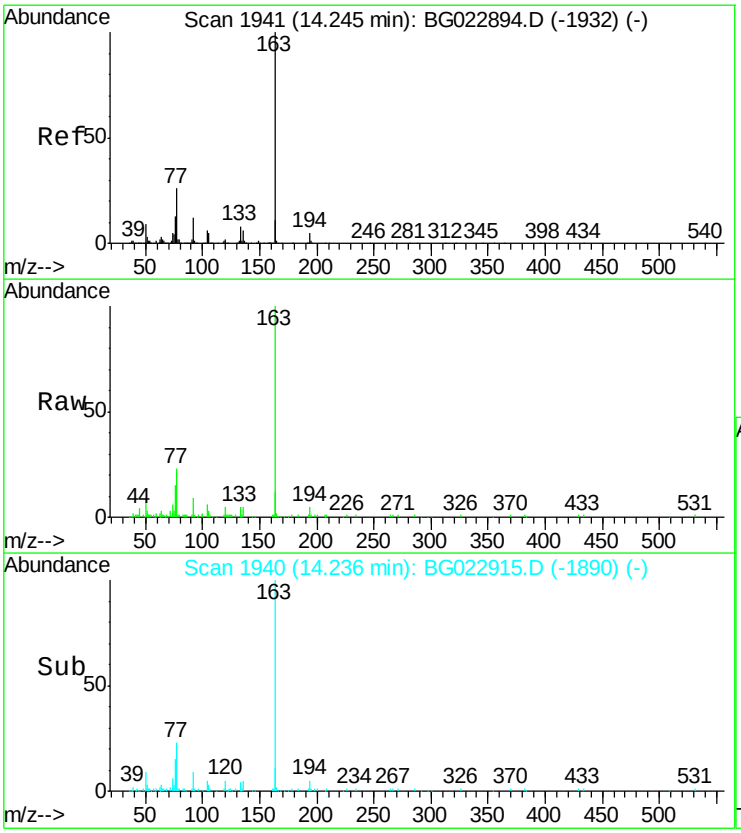

#44
2-Fluorobiphenyl
Concen: 84.42 ng
RT: 13.42 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:172 Resp: 2108249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 41.6 | 31.6 | 47.4 |
| 170 | 27.9 | 21.3 | 31.9 |

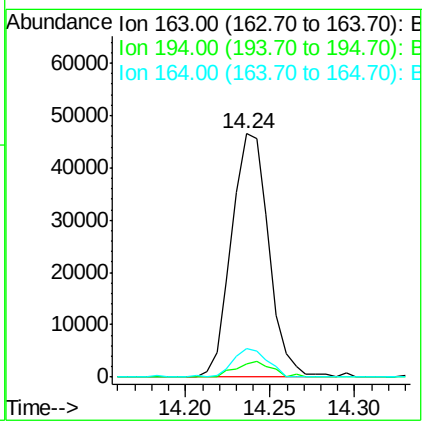


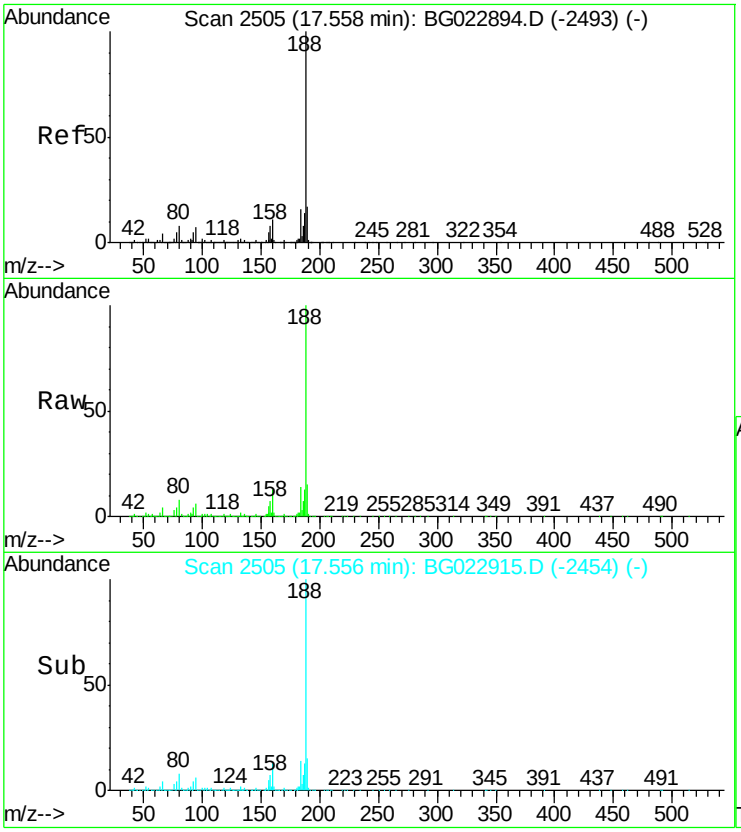




#49
Dimethylphthalate
Concen: 2.22 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion:163 Resp: 71384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.4 | 3.6 | 5.4 |
| 164 | 11.6 | 8.1 | 12.1 |



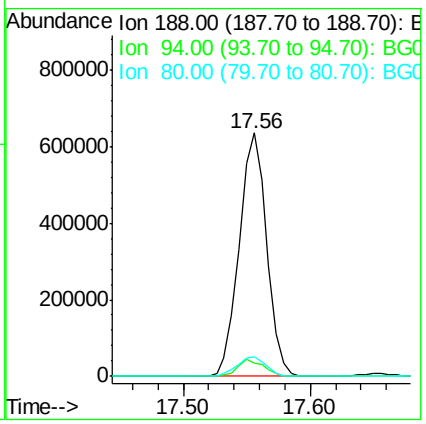


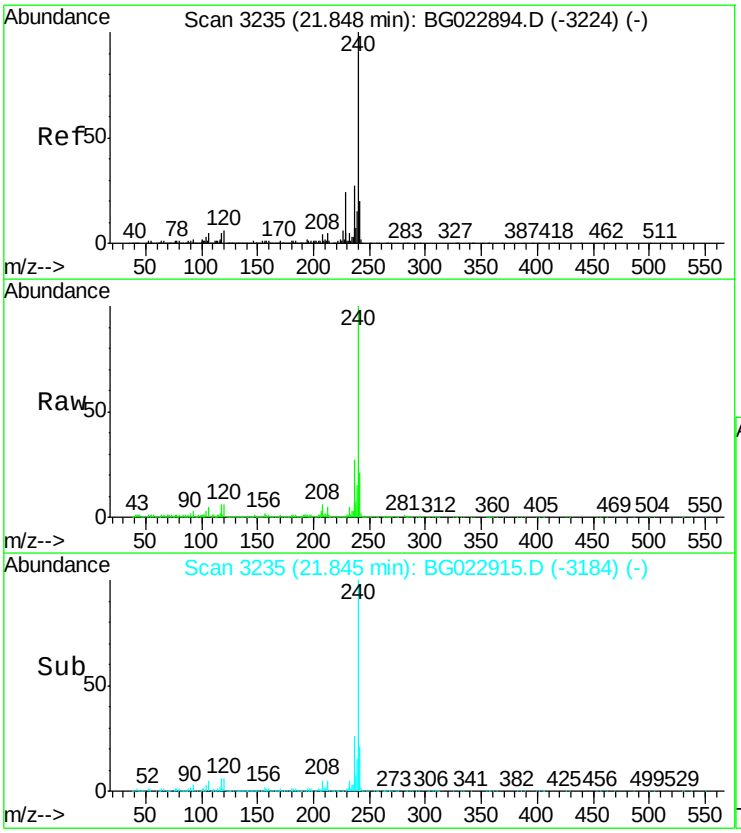

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:188 Resp: 951855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.7 | 5.2 | 7.8 |
| 80 | 8.3 | 7.2 | 10.8 |

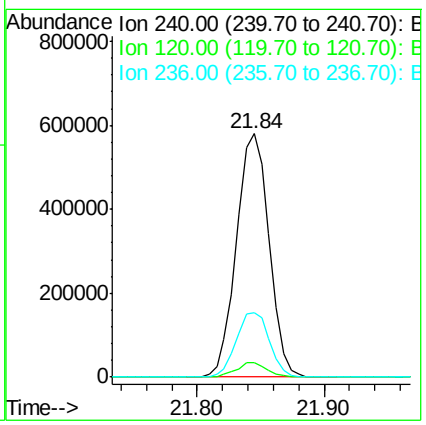


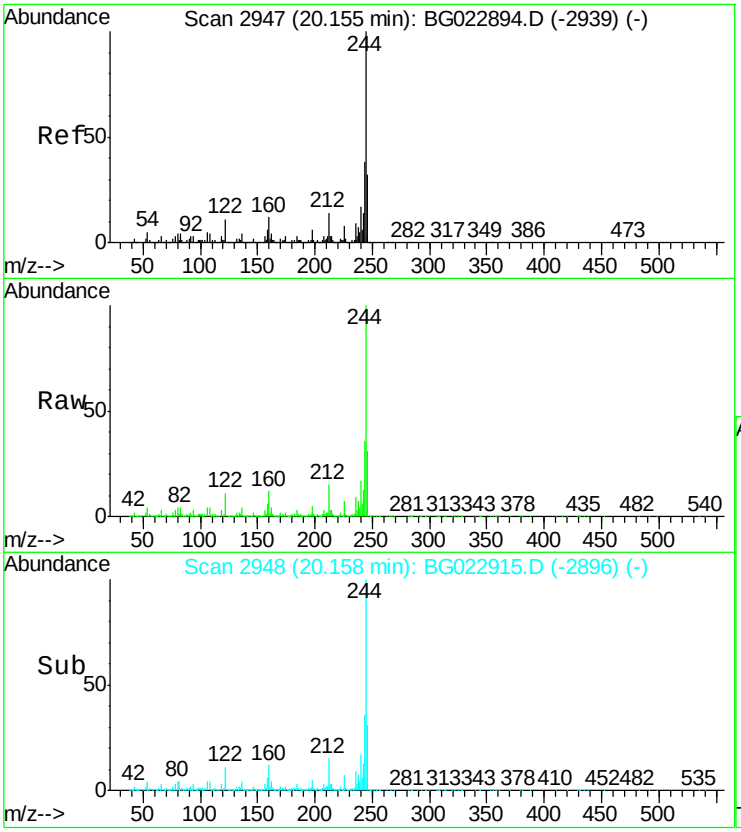




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion:240 Resp: 1031717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.7 | 4.1 | 6.1 |
| 236 | 26.5 | 21.1 | 31.7 |



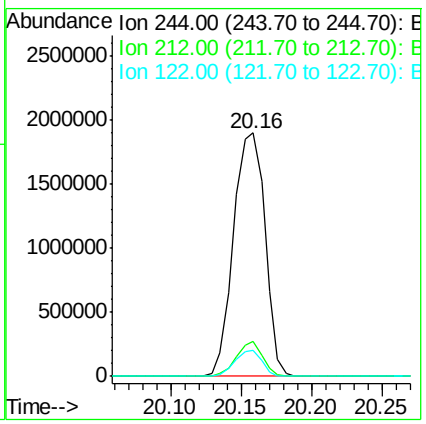


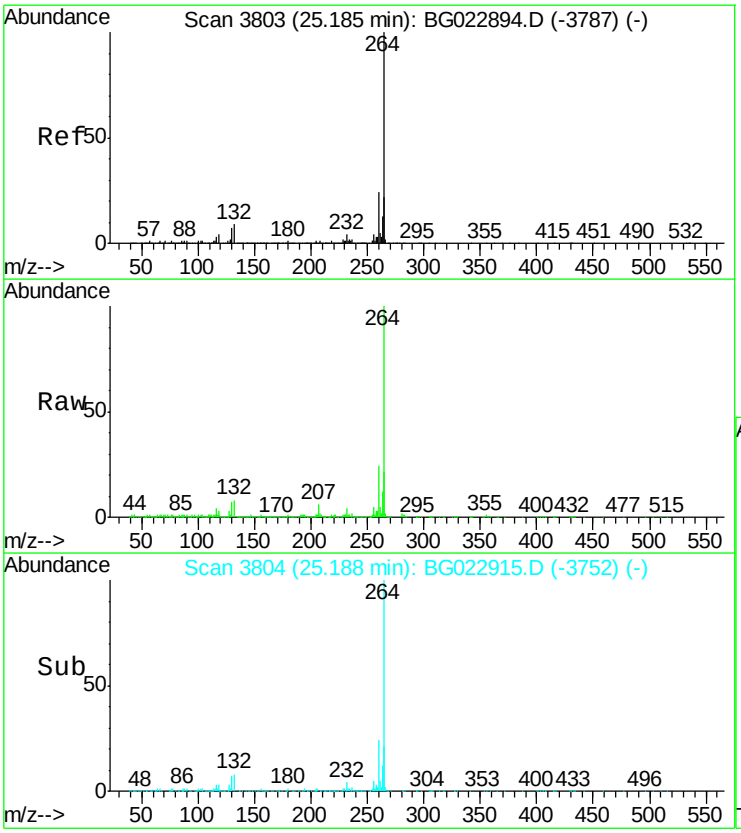

#78
Terphenyl-d14
Concen: 95.31 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

**Instrument :**
BNA_G
**ClientSampleId :**
MW-3

Tgt Ion:244 Resp: 2960754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 14.5 | 10.8 | 16.2 |
| 122 | 10.7 | 8.0 | 12.0 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.19 min Scan# 3804
Delta R.T. 0.00 min
Lab File: BG022915.D
Acq: 8 Jul 2016 4:03

Tgt Ion:264 Resp: 1063566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 18.4 | 27.6 |
| 265 | 21.3 | 18.9 | 28.3 |