Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
Data File : BG017221.D
Acq On : 20 May 2015 18:55
Operator : TP/IZ
Sample : G2279-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-6

Quant Time: May 21 03:22:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 02:15:39 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 38962 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.49 | 136 | 162112 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.35 | 164 | 109448 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.10 | 188 | 256902 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.28 | 240 | 287880 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.55 | 264 | 287640 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.28 | 112 | 119542 | 54.44 | ng | 0.00 |
| 7) Phenol-d6 | 6.89 | 99 | 94200 | 30.57 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.86 | 82 | 279885 | 80.61 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.85 | 330 | 191082 | 144.43 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 12.97 | 172 | 582201 | 78.05 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.74 | 244 | 1077822 | 78.02 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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Operator : TP/IZ
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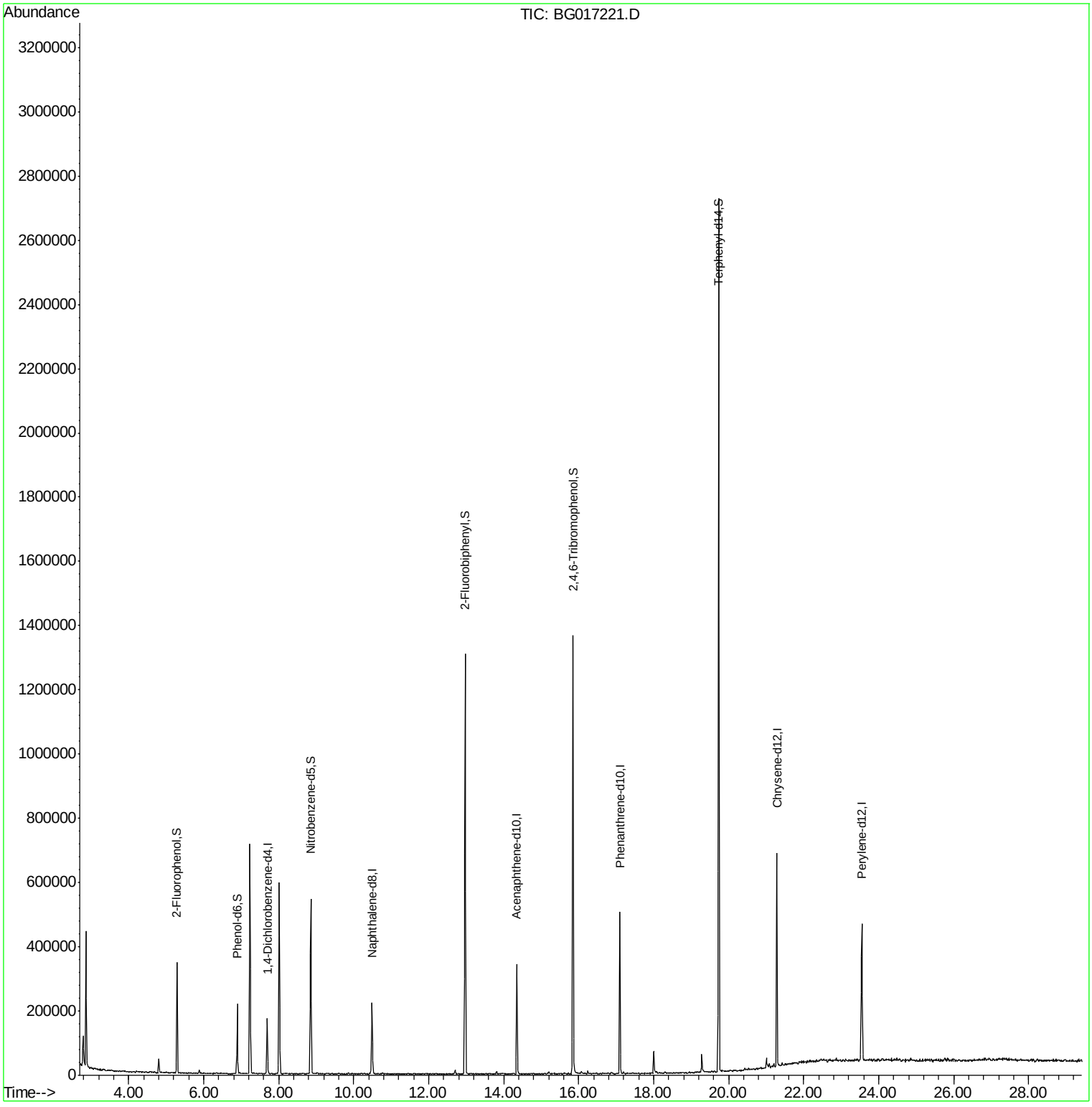
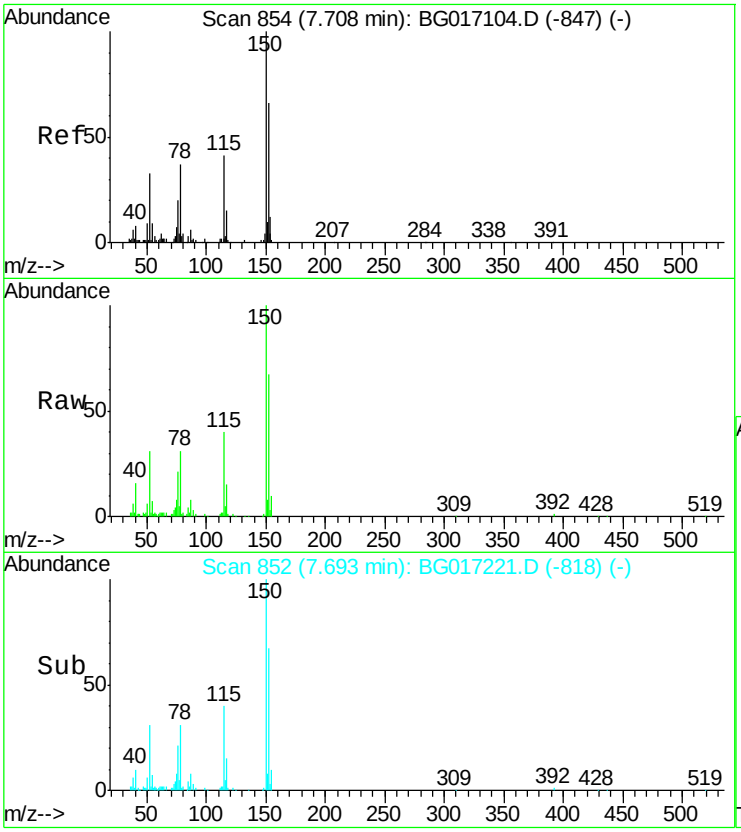
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6

Quant Time: May 21 03:22:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 02:15:39 2015
Response via : Initial Calibration



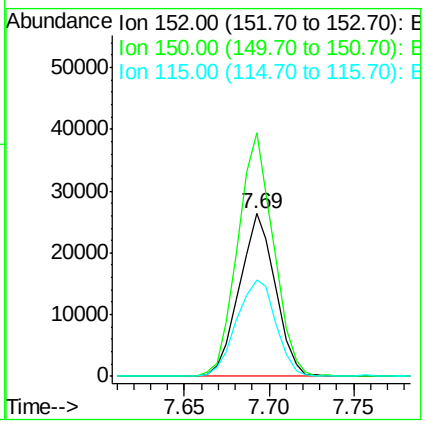


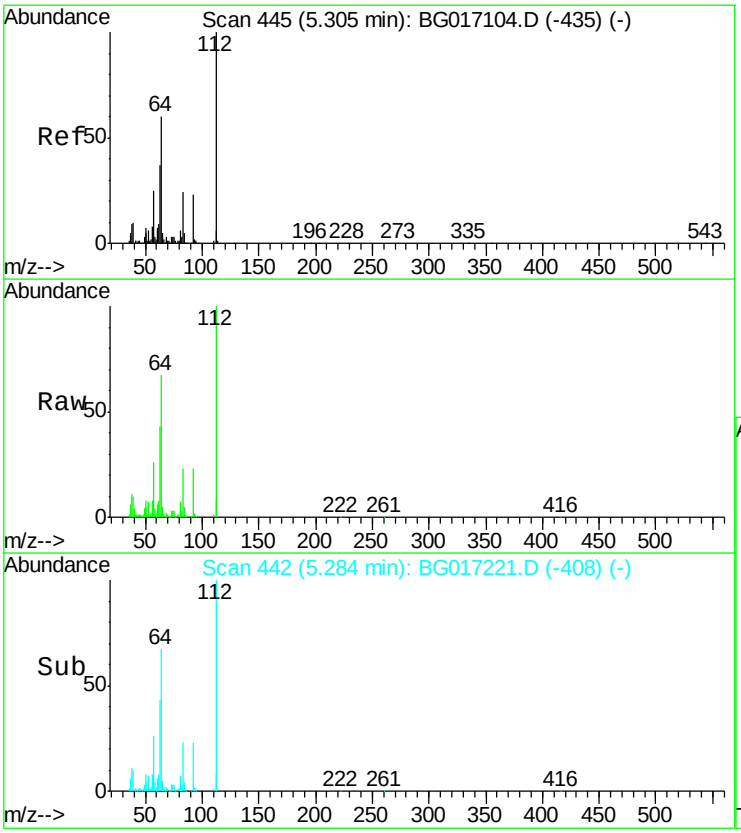

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6

Tgt Ion:152 Resp: 38962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.7 | 120.8 | 181.2 |
| 115 | 59.4 | 49.4 | 74.2 |

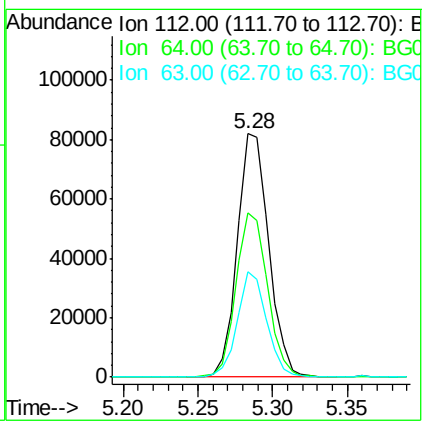


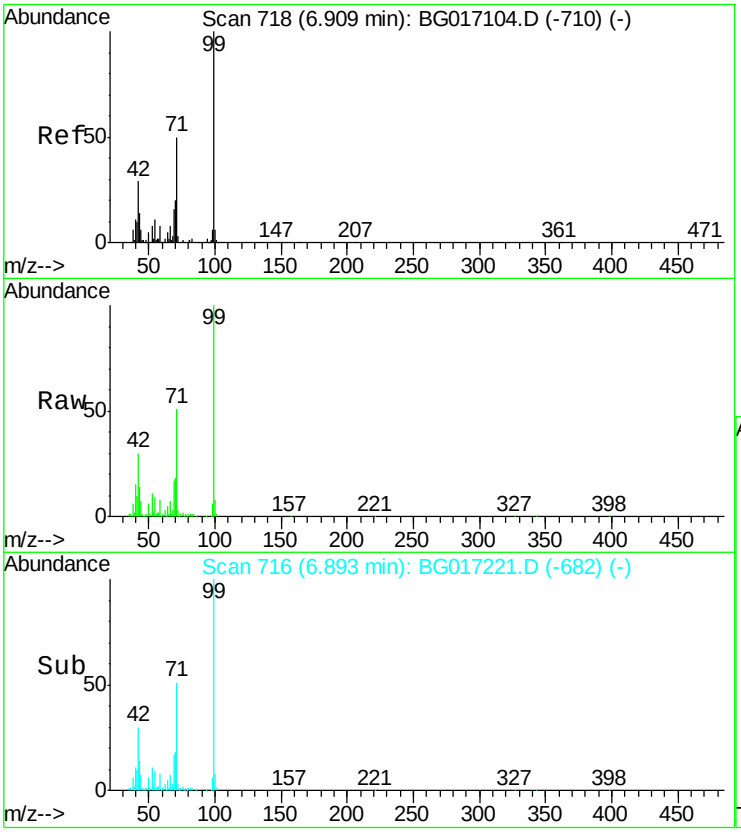




#5
2-Fluorophenol
Concen: 54.44 ng
RT: 5.28 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

Tgt Ion:112 Resp: 119542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.4 | 48.1 | 72.1 |
| 63 | 43.4 | 29.8 | 44.8 |



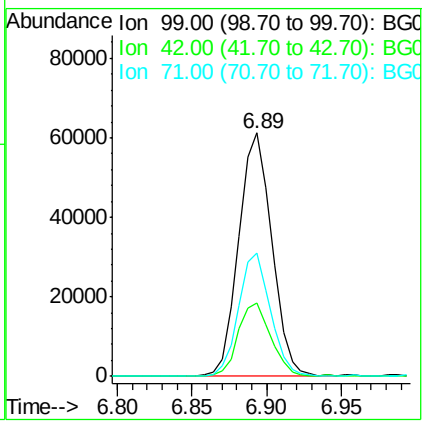


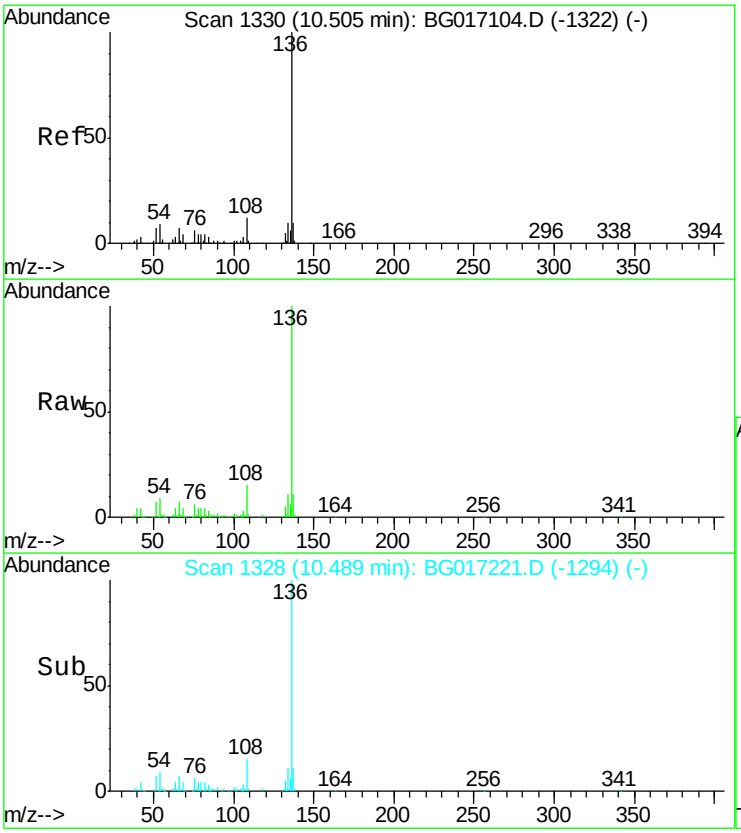

#7
Phenol-d6
Concen: 30.57 ng
RT: 6.89 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6

Tgt Ion: 99 Resp: 94200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 30.1 | 23.5 | 35.3 |
| 71 | 50.7 | 39.8 | 59.8 |

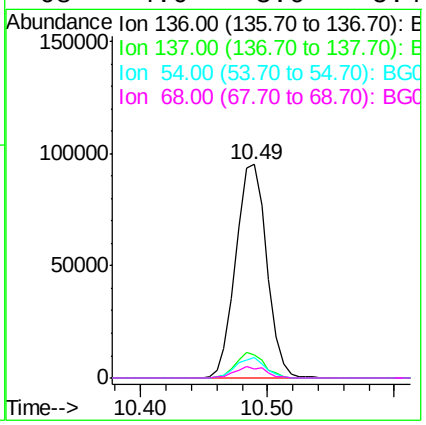


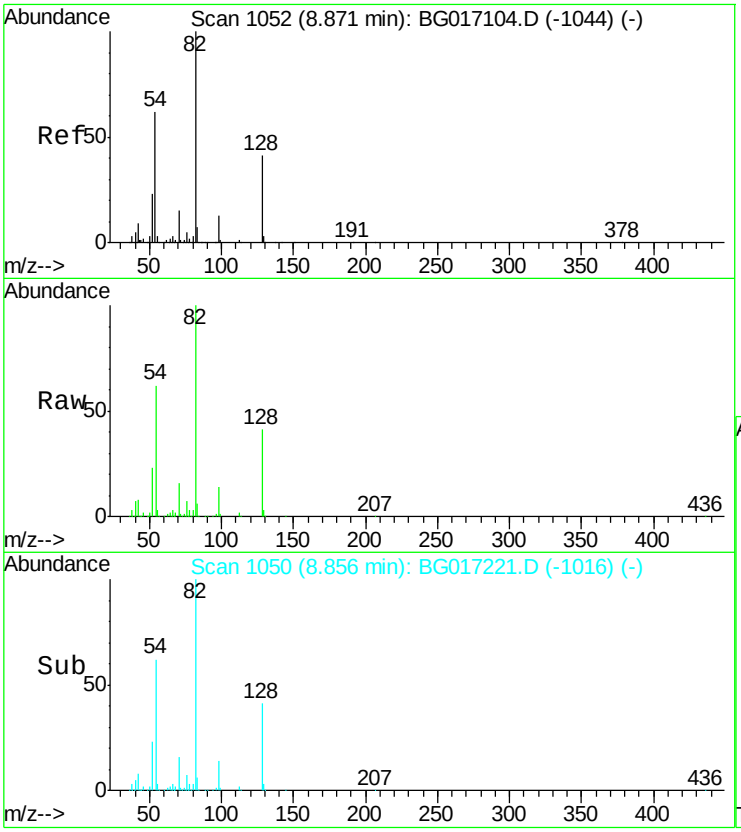




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

Tgt Ion:136 Resp: 162112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.3 | 12.5 |
| 54 | 9.5 | 7.4 | 11.2 |
| 68 | 4.0 | 3.6 | 5.4 |



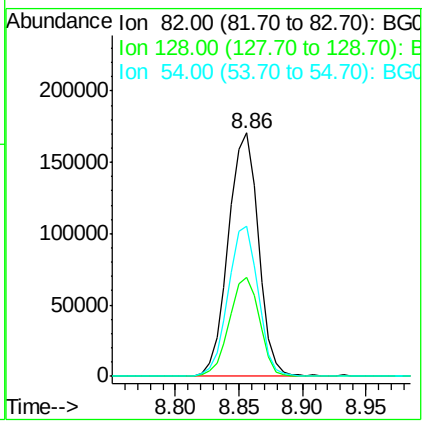


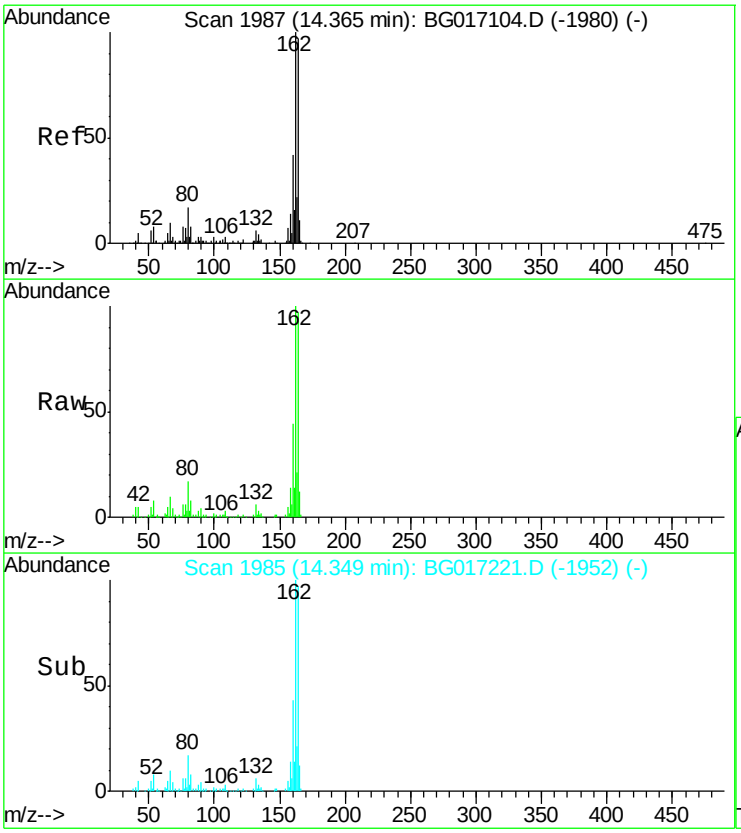

#23
Nitrobenzene-d5
Concen: 80.61 ng
RT: 8.86 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6

Tgt Ion: 82 Resp: 279885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.8 | 32.6 | 49.0 |
| 54 | 61.7 | 49.6 | 74.4 |

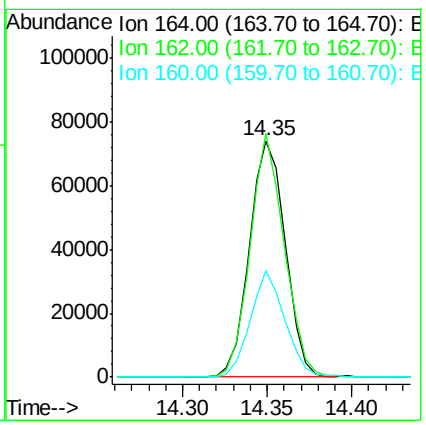


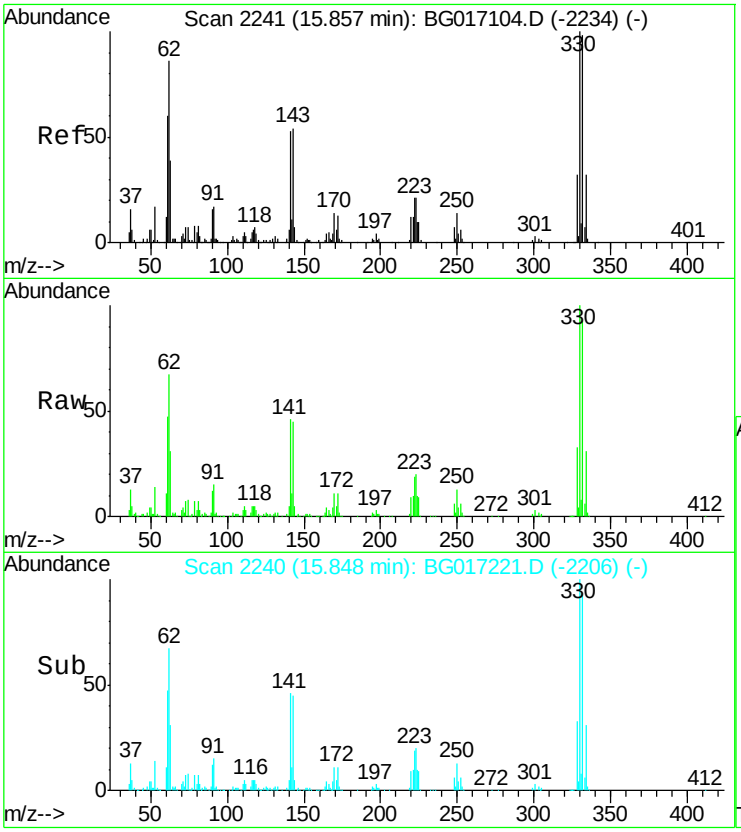




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.35 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

Tgt Ion:164 Resp: 109448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.1 | 82.1 | 123.1 |
| 160 | 44.9 | 34.8 | 52.2 |



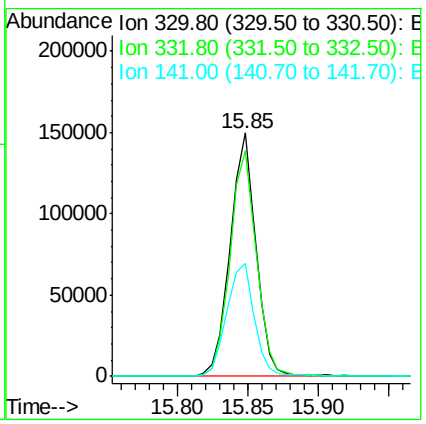


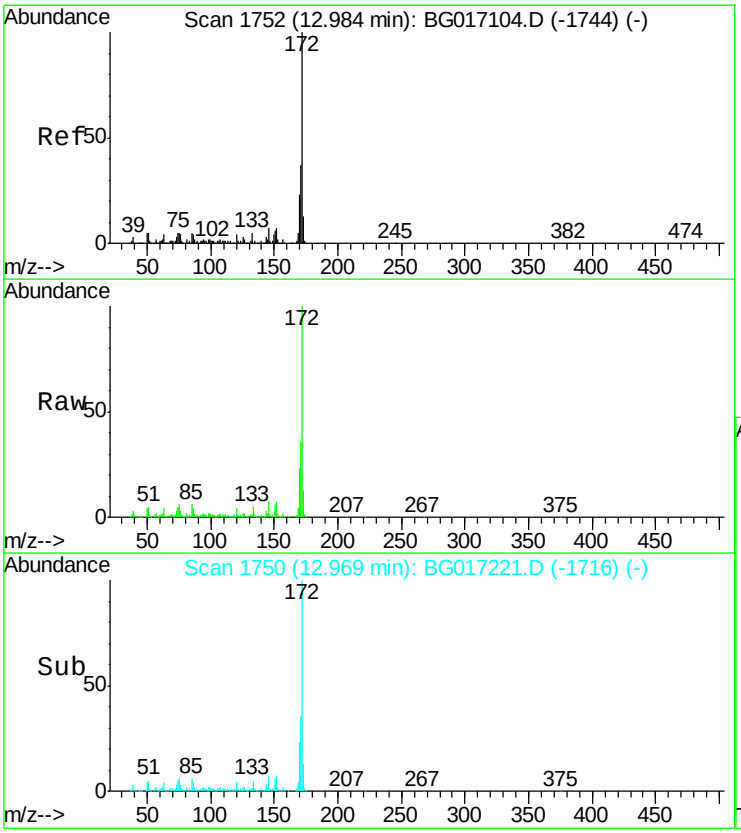

#41
2,4,6-Tribromophenol
Concen: 144.43 ng
RT: 15.85 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6

Tgt Ion:330 Resp: 191082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.1 | 76.9 | 115.3 |
| 141 | 50.0 | 42.2 | 63.2 |

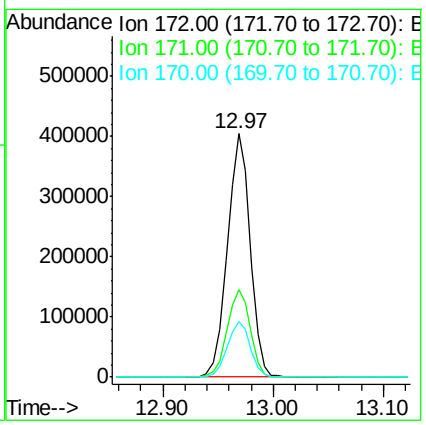


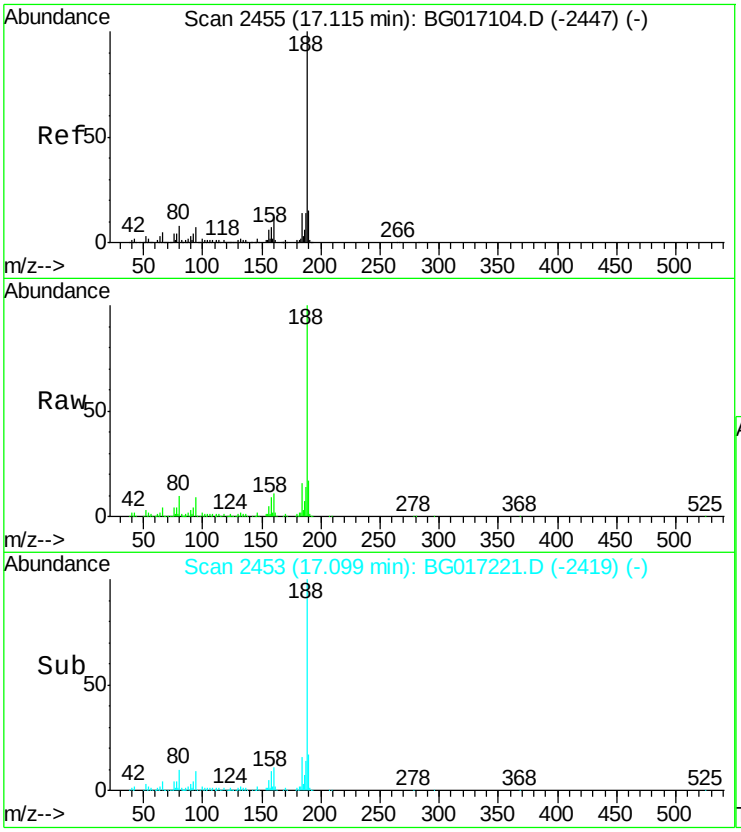




#44
2-Fluorobiphenyl
Concen: 78.05 ng
RT: 12.97 min Scan# 1750
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

Tgt Ion:172 Resp: 582201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.7 | 44.5 |
| 170 | 22.8 | 18.4 | 27.6 |



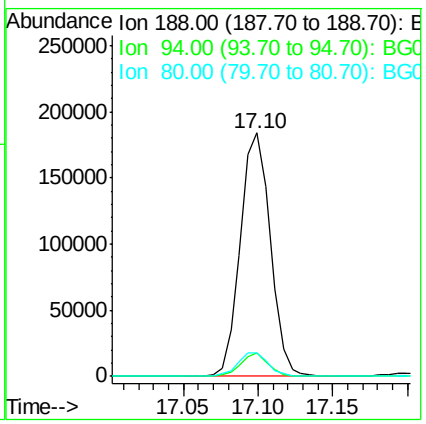


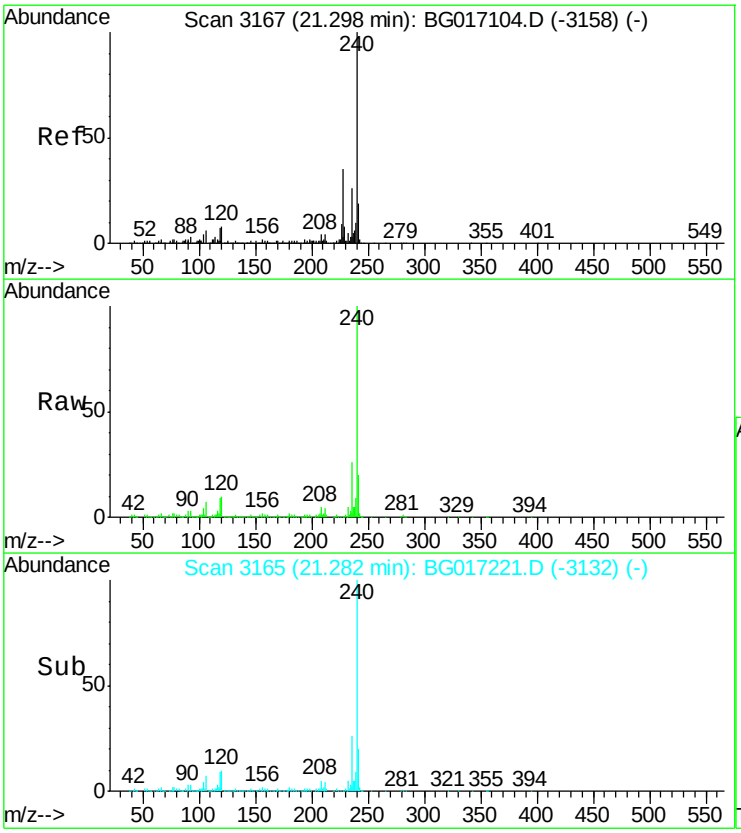

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6

Tgt Ion:188 Resp: 256902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 5.8 | 8.6# |
| 80 | 9.6 | 6.5 | 9.7 |

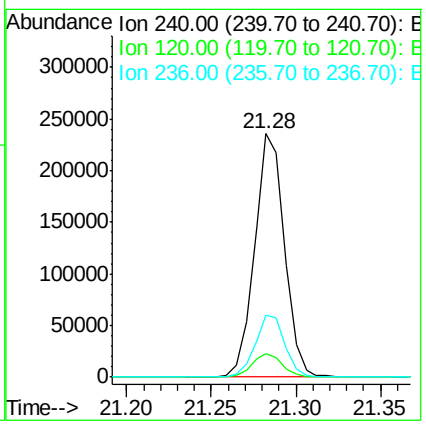


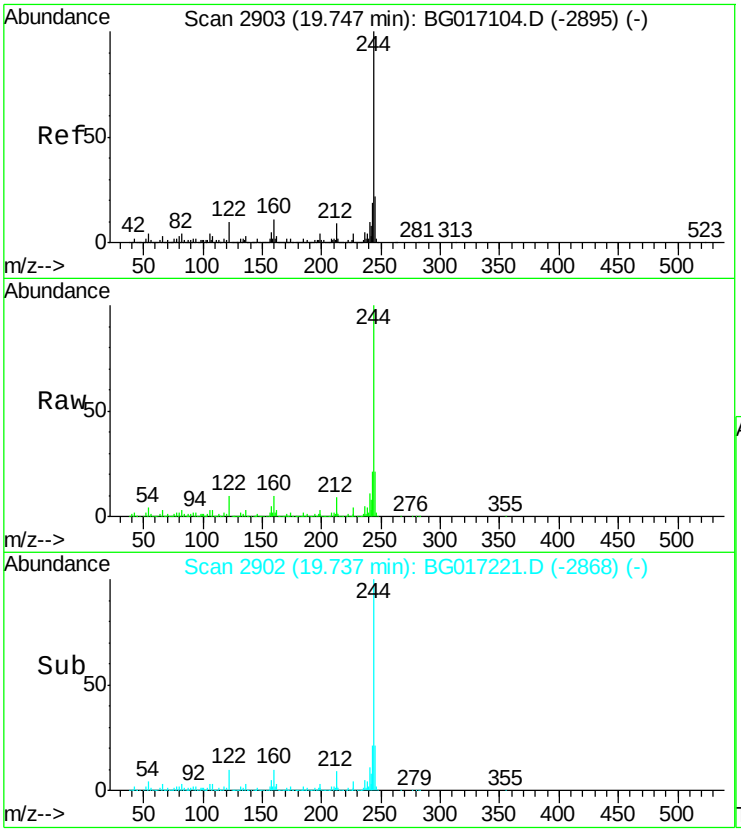




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

Tgt Ion:240 Resp: 287880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 6.0 | 9.0# |
| 236 | 25.6 | 20.5 | 30.7 |



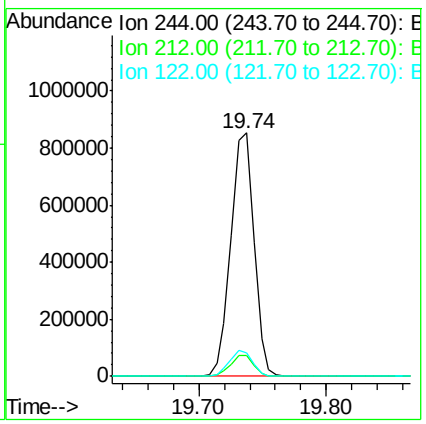


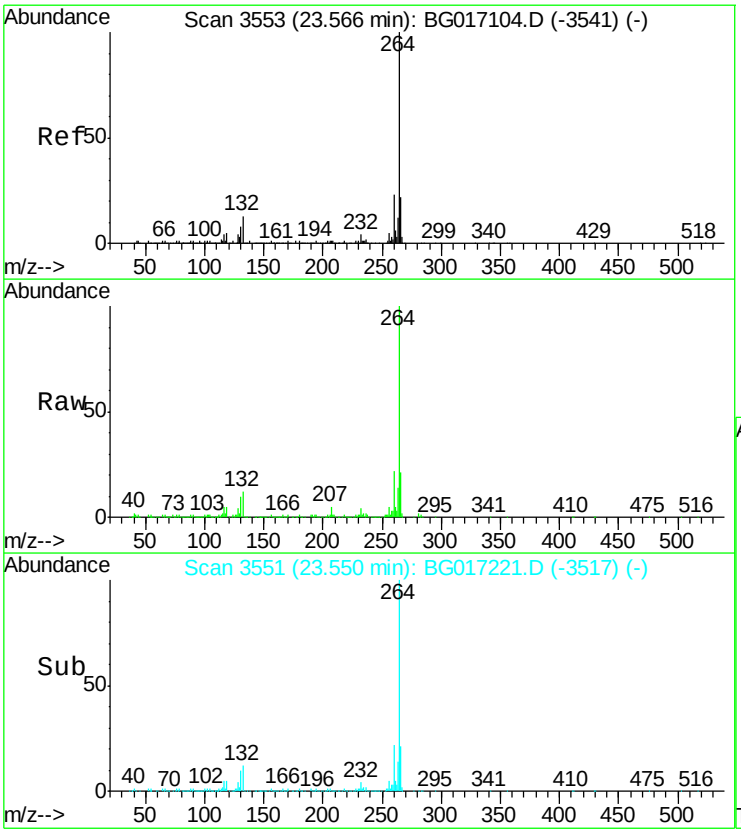

#78
Terphenyl-d14
Concen: 78.02 ng
RT: 19.74 min Scan# 2902
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

**Instrument :**
BNA_G
**ClientSampleId :**
MW-6

Tgt Ion:244 Resp: 1077822

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.8 | 7.0 | 10.4 |
| 122 | 9.6 | 8.4 | 12.6 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.55 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BG017221.D
Acq: 20 May 2015 18:55

Tgt Ion:264 Resp: 287640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.7 | 18.0 | 27.0 |
| 265 | 20.9 | 17.4 | 26.0 |