Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021108.D
Acq On : 27 Feb 2016 10:32
Operator : UM/SJ
Sample : H1558-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S-20

Quant Time: Feb 29 00:13:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 5930 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.98 | 136 | 24231 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 14.78 | 164 | 15259 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.51 | 188 | 40099 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 21.77 | 240 | 49847 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 25.06 | 264 | 45628 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.72 | 112 | 57561 | 169.94 | ng | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 86724 | 172.06 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.33 | 82 | 58735 | 115.49 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.26 | 330 | 33733 | 168.61 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.40 | 172 | 121021 | 101.49 | ng | -0.01 |
| 78) Terphenyl-d14 | 20.10 | 244 | 244778 | 114.76 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Benzyl Alcohol | 8.49 | 79 | 953 | 2.16 | ng | # 40 |
| 49) Dimethylphthalate | 14.22 | 163 | 24281 | 18.46 | ng | # 96 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021108.D
Acq On : 27 Feb 2016 10:32
Operator : UM/SJ
Sample : H1558-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
S-20

Quant Time: Feb 29 00:13:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
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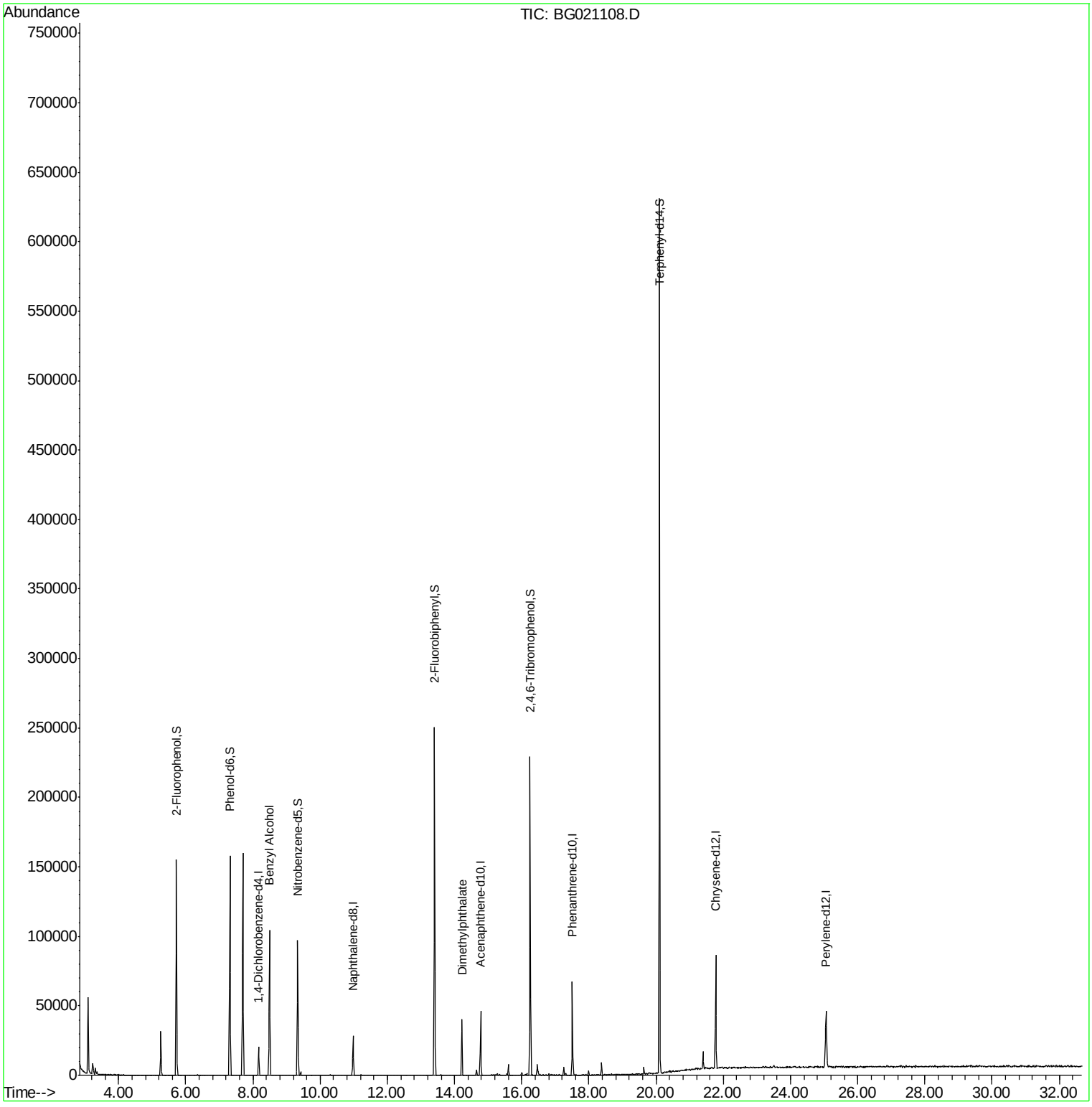
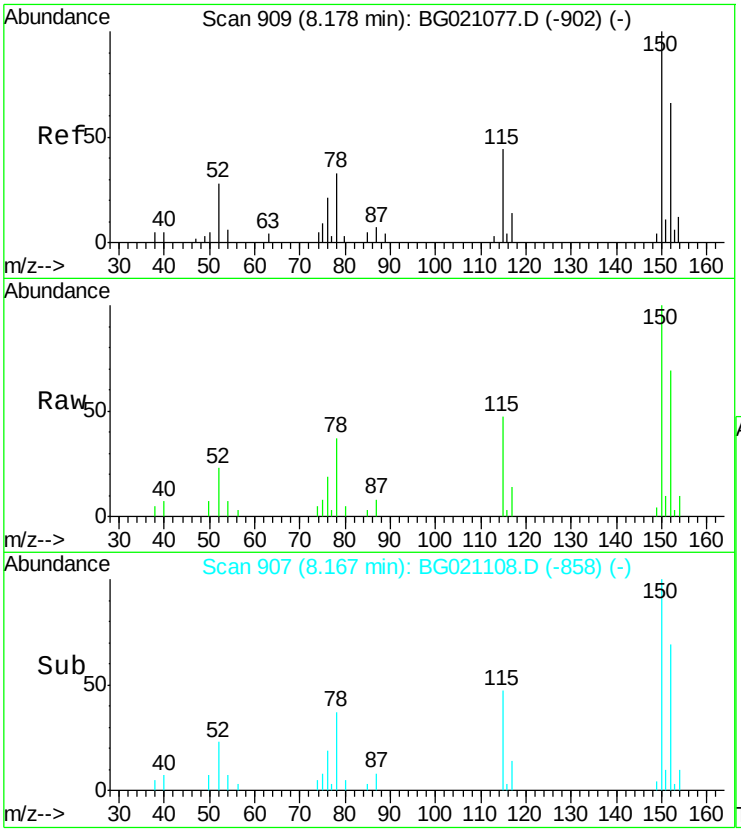


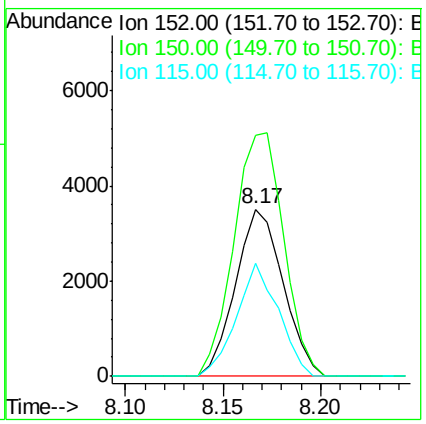


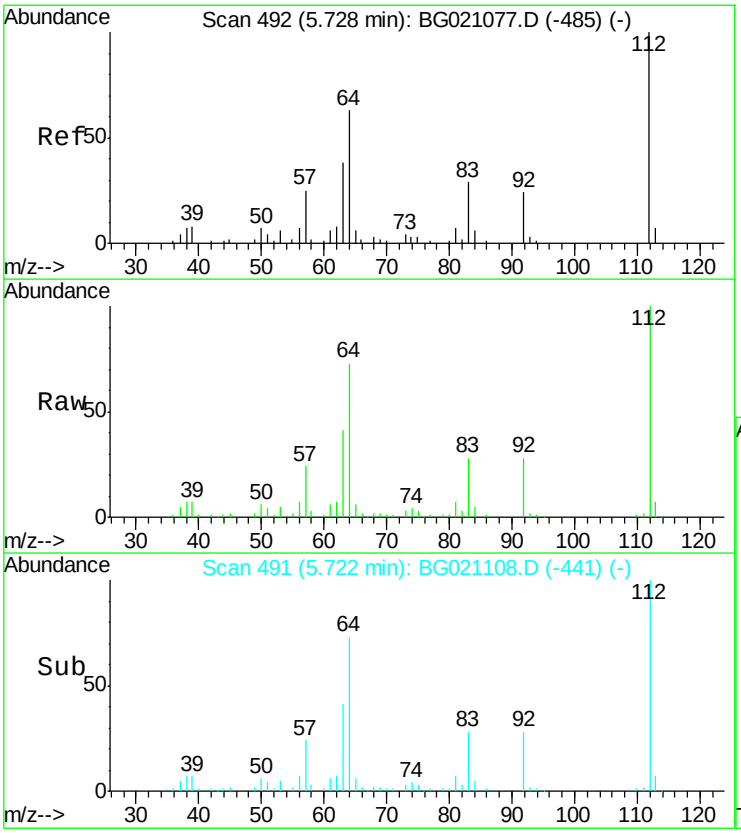

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

**Instrument :**
BNA_G
**ClientSampleId :**
S-20

Tgt Ion:152 Resp: 5930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.1 | 123.4 | 185.2 |
| 115 | 67.6 | 43.3 | 64.9# |

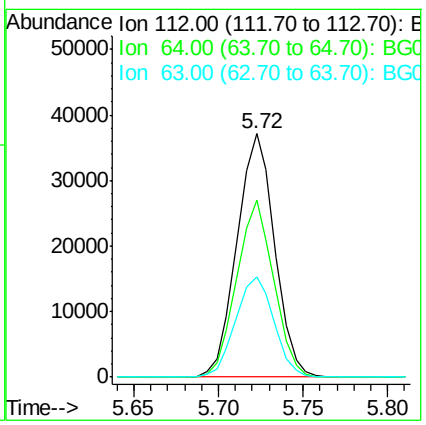


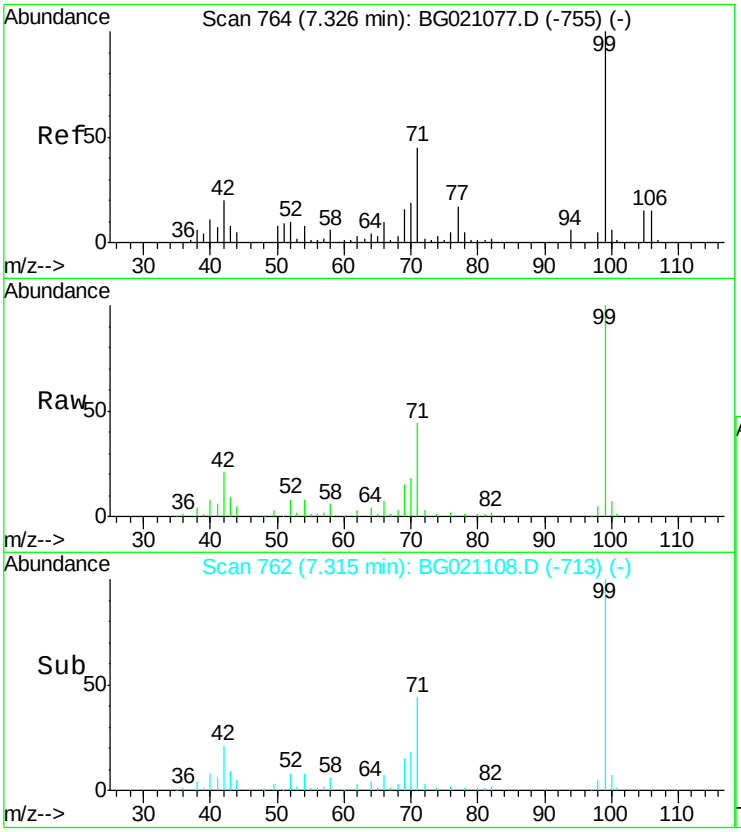




#5
2-Fluorophenol
Concen: 169.94 ng
RT: 5.72 min Scan# 491
Delta R.T. -0.00 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion:112 Resp: 57561

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.8 | 42.6 | 63.8# |
| 63 | 41.4 | 21.7 | 32.5# |



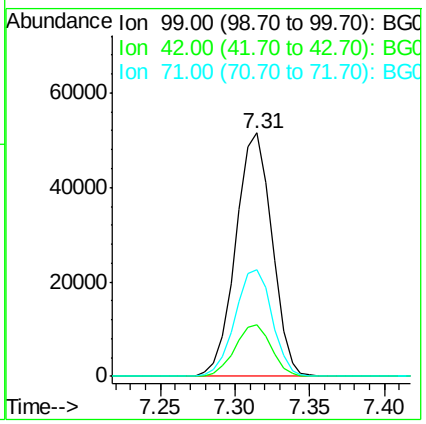


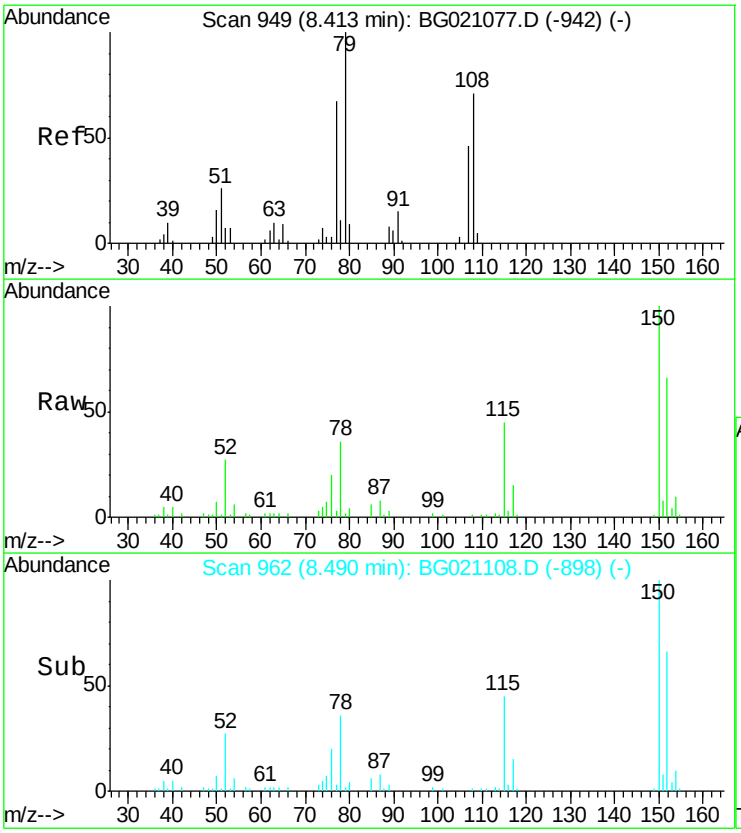

#7
Phenol-d6
Concen: 172.06 ng
RT: 7.31 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

**Instrument :**
BNA_G
**ClientSampleId :**
S-20

Tgt Ion: 99 Resp: 86724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.0 | 13.2 | 19.8# |
| 71 | 43.7 | 25.2 | 37.8# |

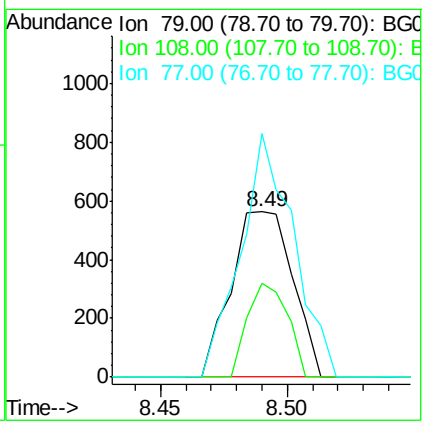


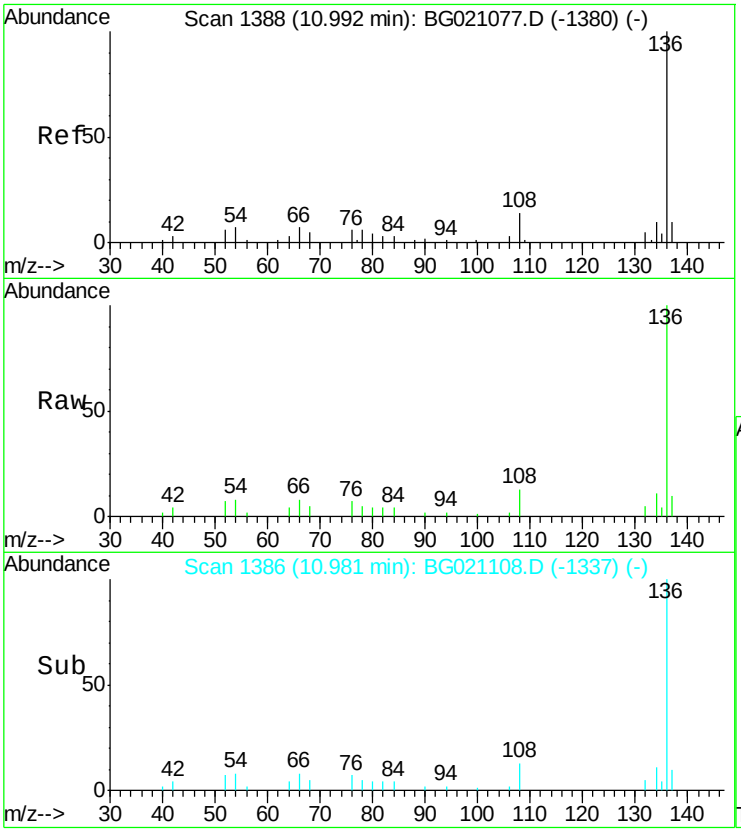




#15
Benzyl Alcohol
Concen: 2.16 ng
RT: 8.49 min Scan# 962
Delta R.T. 0.08 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion: 79 Resp: 953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 56.7 | 65.1 | 97.7# |
| 77 | 147.2 | 53.8 | 80.8# |



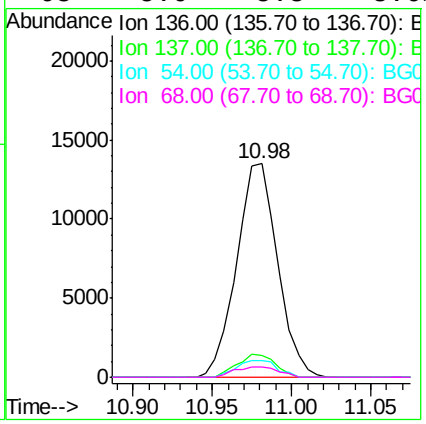


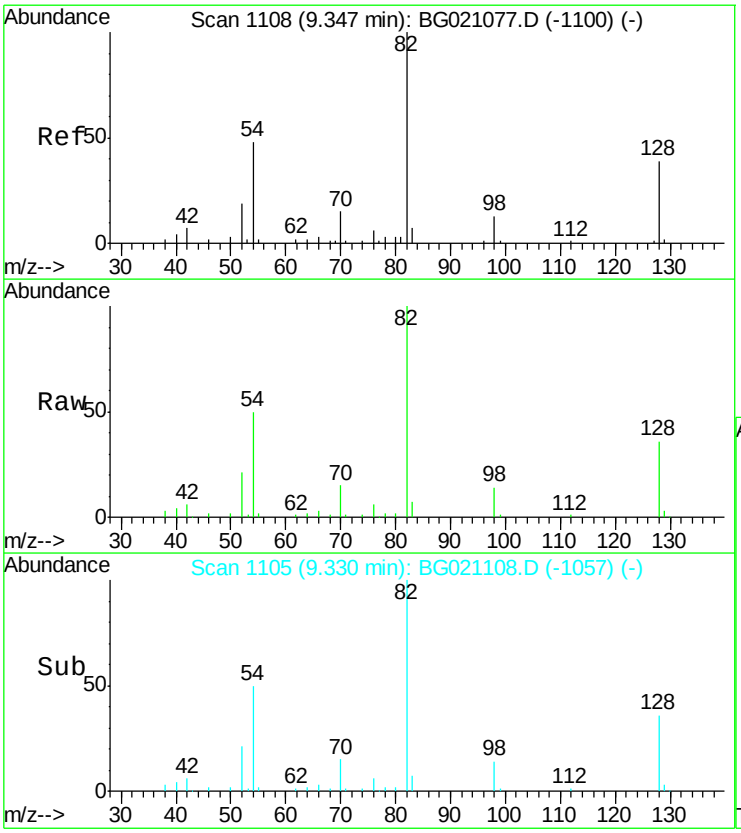

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

**Instrument :**
BNA_G
**ClientSampleId :**
S-20

Tgt Ion:136 Resp: 24231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.8 | 13.2 |
| 54 | 7.9 | 6.9 | 10.3 |
| 68 | 5.0 | 5.8 | 8.6# |

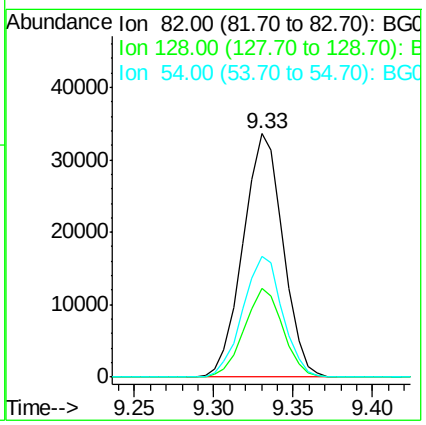


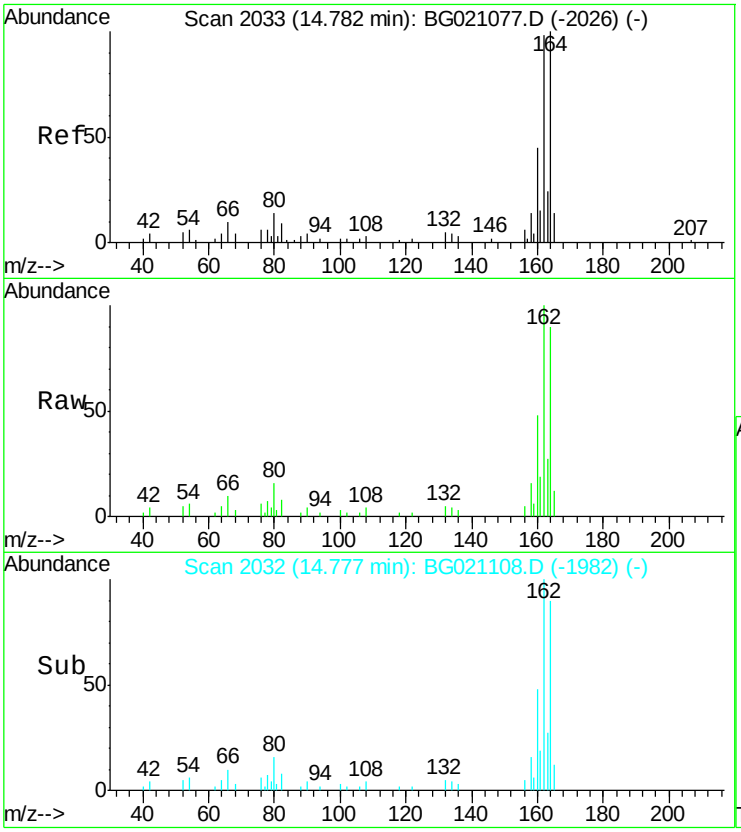




#23
Nitrobenzene-d5
Concen: 115.49 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion: 82 Resp: 58735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.5 | 36.3 | 54.5 |
| 54 | 49.6 | 37.6 | 56.4 |



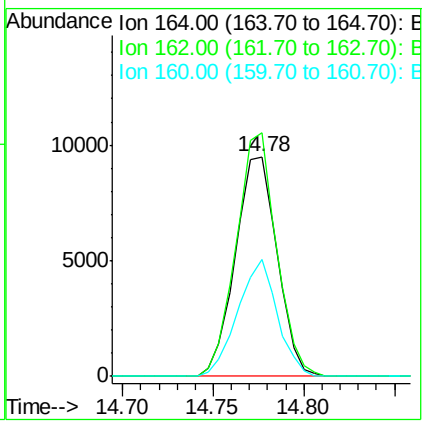


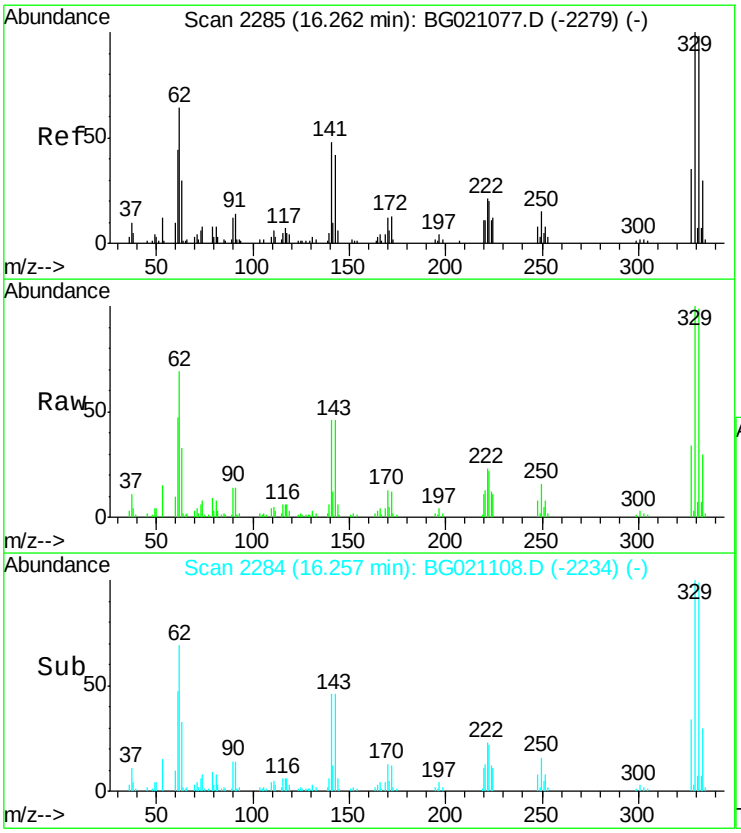

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

**Instrument :**
BNA_G
**ClientSampleId :**
S-20

Tgt Ion:164 Resp: 15259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 110.7 | 80.6 | 120.8 |
| 160 | 53.2 | 36.5 | 54.7 |

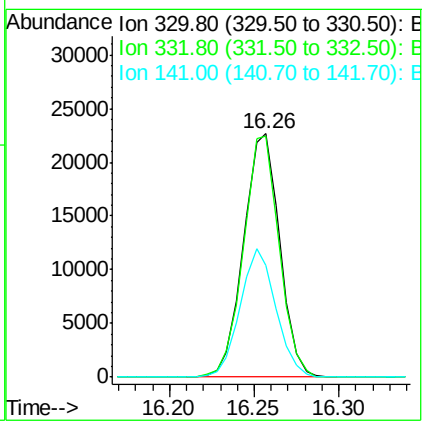


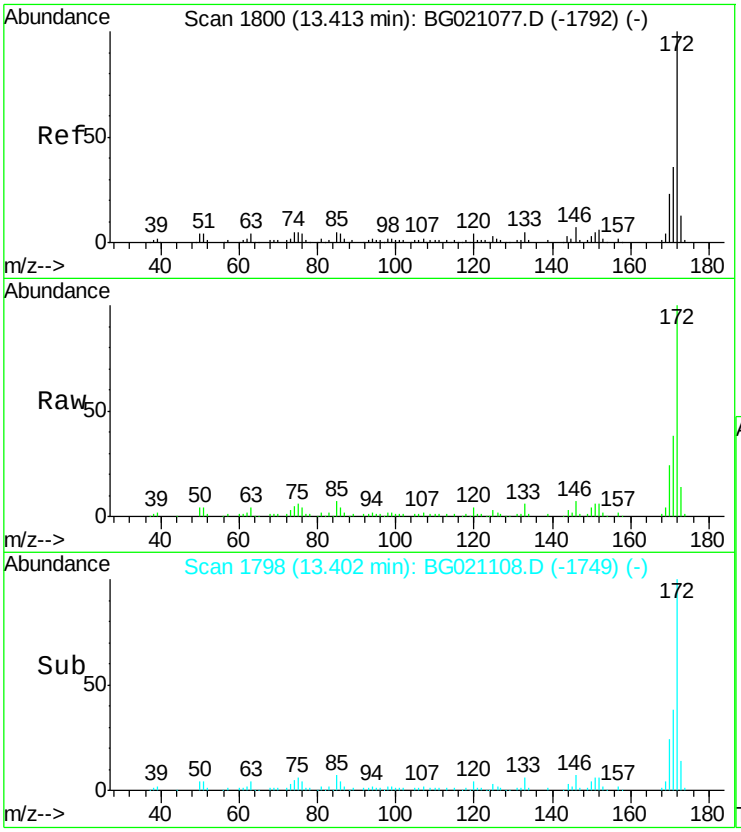




#41
2,4,6-Tribromophenol
Concen: 168.61 ng
RT: 16.26 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion:330 Resp: 33733

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.9 | 77.4 | 116.0 |
| 141 | 52.0 | 35.3 | 52.9 |



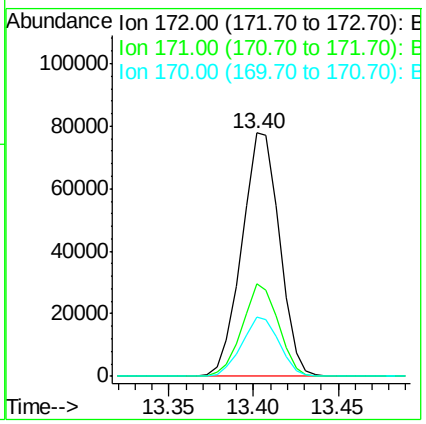


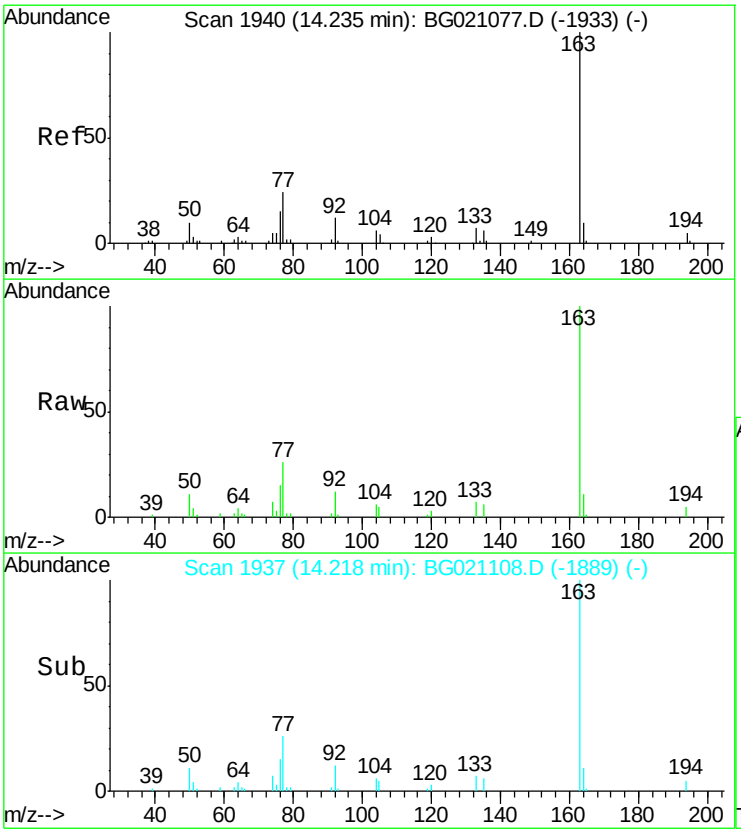

#44
2-Fluorobiphenyl
Concen: 101.49 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

**Instrument :**
BNA_G
**ClientSampleId :**
S-20

Tgt Ion:172 Resp: 121021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.1 | 29.4 | 44.0 |
| 170 | 24.3 | 19.8 | 29.8 |

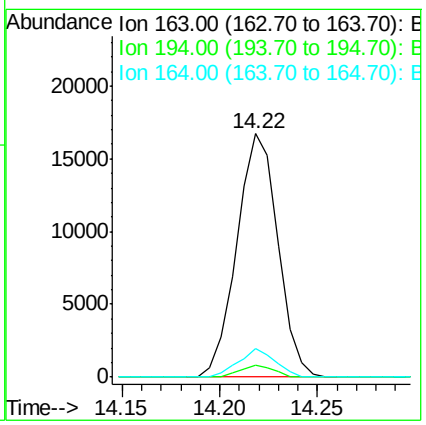


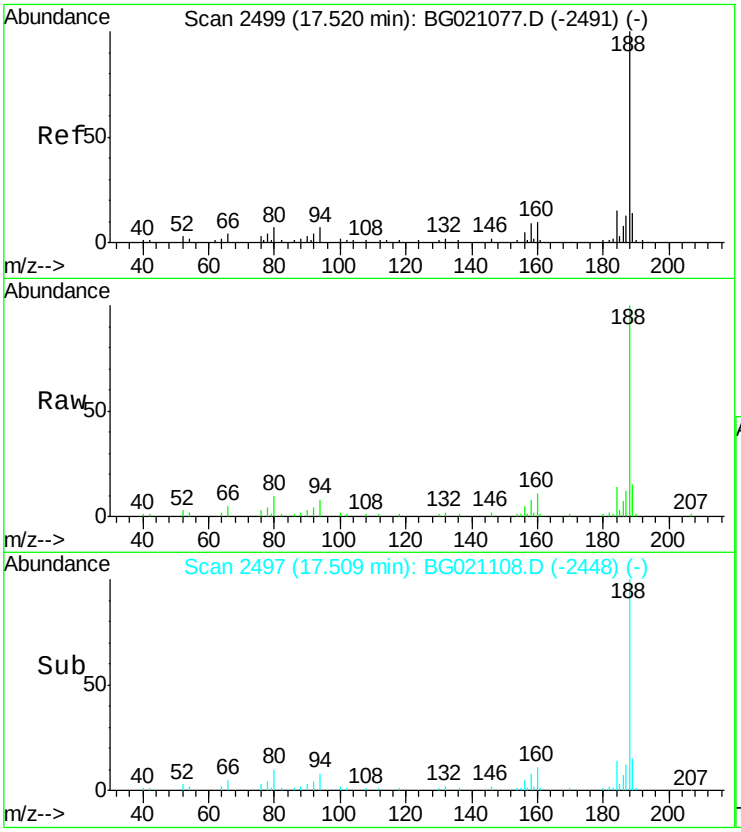




#49
Dimethylphthalate
Concen: 18.46 ng
RT: 14.22 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion:163 Resp: 24281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.7 | 2.8 | 4.2# |
| 164 | 11.5 | 7.9 | 11.9 |



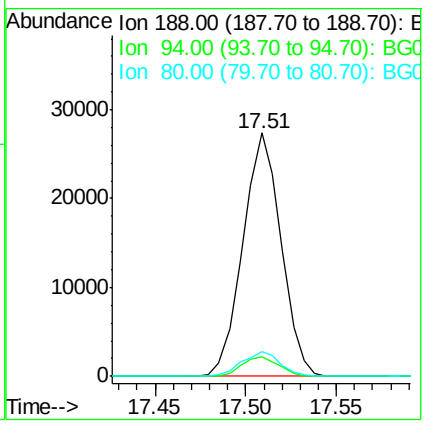


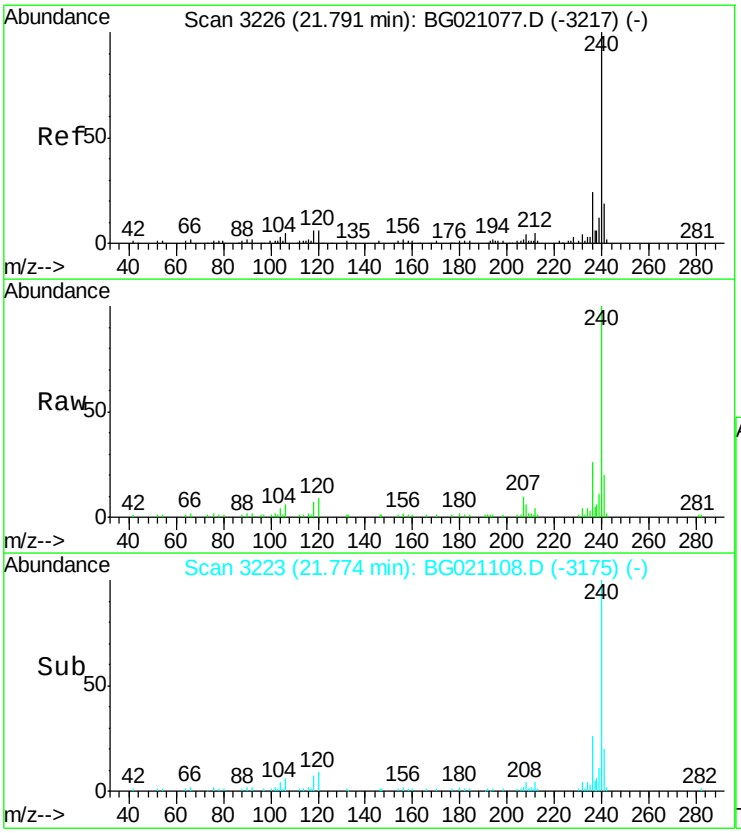

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

**Instrument :**
BNA_G
**ClientSampleId :**
S-20

Tgt Ion:188 Resp: 40099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.1 | 8.2 | 12.4# |
| 80 | 10.0 | 9.2 | 13.8 |

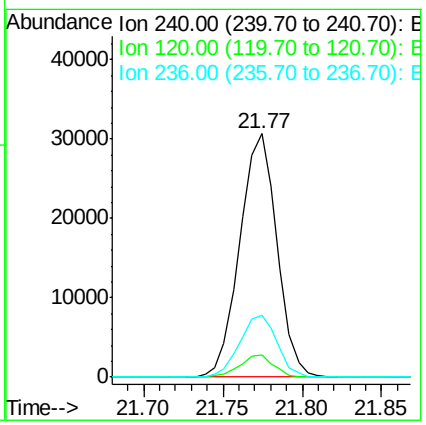


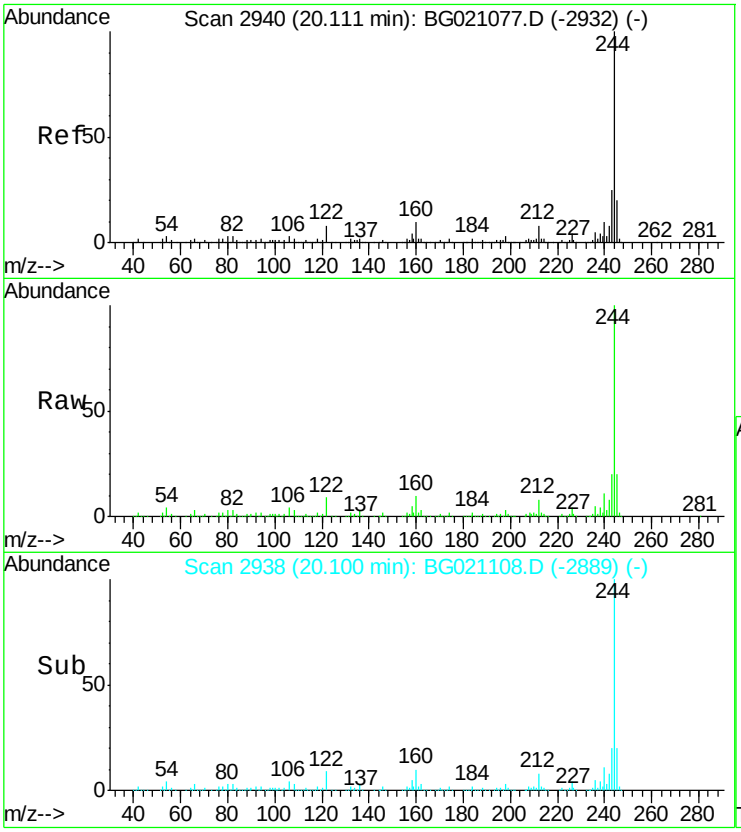




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion:240 Resp: 49847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.0 | 7.5 | 11.3 |
| 236 | 25.6 | 20.5 | 30.7 |



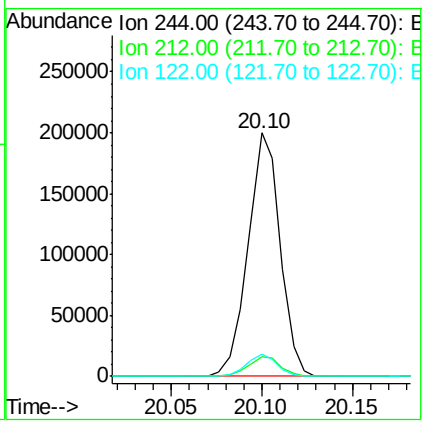


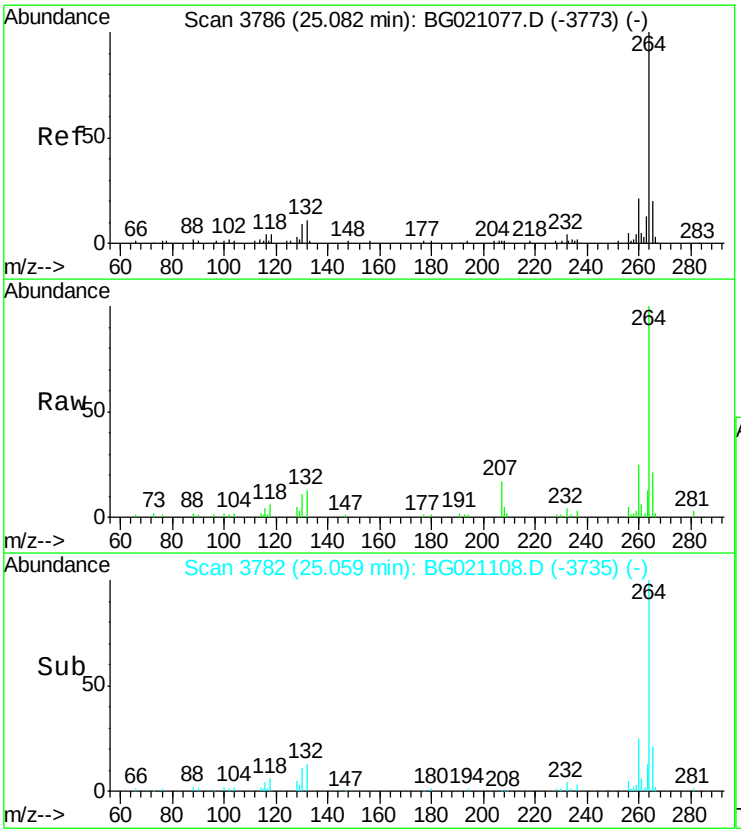

#78
Terphenyl-d14
Concen: 114.76 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

**Instrument :**
BNA_G
**ClientSampleId :**
S-20

Tgt Ion:244 Resp: 244778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 5.8 | 8.6 |
| 122 | 9.1 | 8.3 | 12.5 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.02 min
Lab File: BG021108.D
Acq: 27 Feb 2016 10:32

Tgt Ion:264 Resp: 45628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.3 | 18.5 | 27.7 |
| 265 | 20.6 | 18.6 | 28.0 |