Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
Data File : BG022709.D
Acq On : 30 Jun 2016 1:19
Operator : UM/SJ
Sample : H3828-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S8-0580

Quant Time: Jun 30 04:30:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 125459 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.99 | 136 | 597501 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.80 | 164 | 459953 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.56 | 188 | 1090334 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.85 | 240 | 1167953 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 25.21 | 264 | 1183128 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.70 | 112 | 454507 | 58.11 | ng | | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 495617 | 44.95 | ng | | 0.01 |
| 23) Nitrobenzene-d5 | 9.33 | 82 | 1153389 | 81.70 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 886468 | 122.54 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 13.42 | 172 | 2332494 | 80.42 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.16 | 244 | 2903125 | 65.86 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 7.29 | 77 | 8749 | 2.25 | ng | | 97 |
| 32) Benzoic acid | 10.22 | 122 | 3400 | 5.55 | ng | # | 73 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062916\
Data File : BG022709.D
Acq On : 30 Jun 2016 1:19
Operator : UM/SJ
Sample : H3828-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
S8-0580

Quant Time: Jun 30 04:30:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
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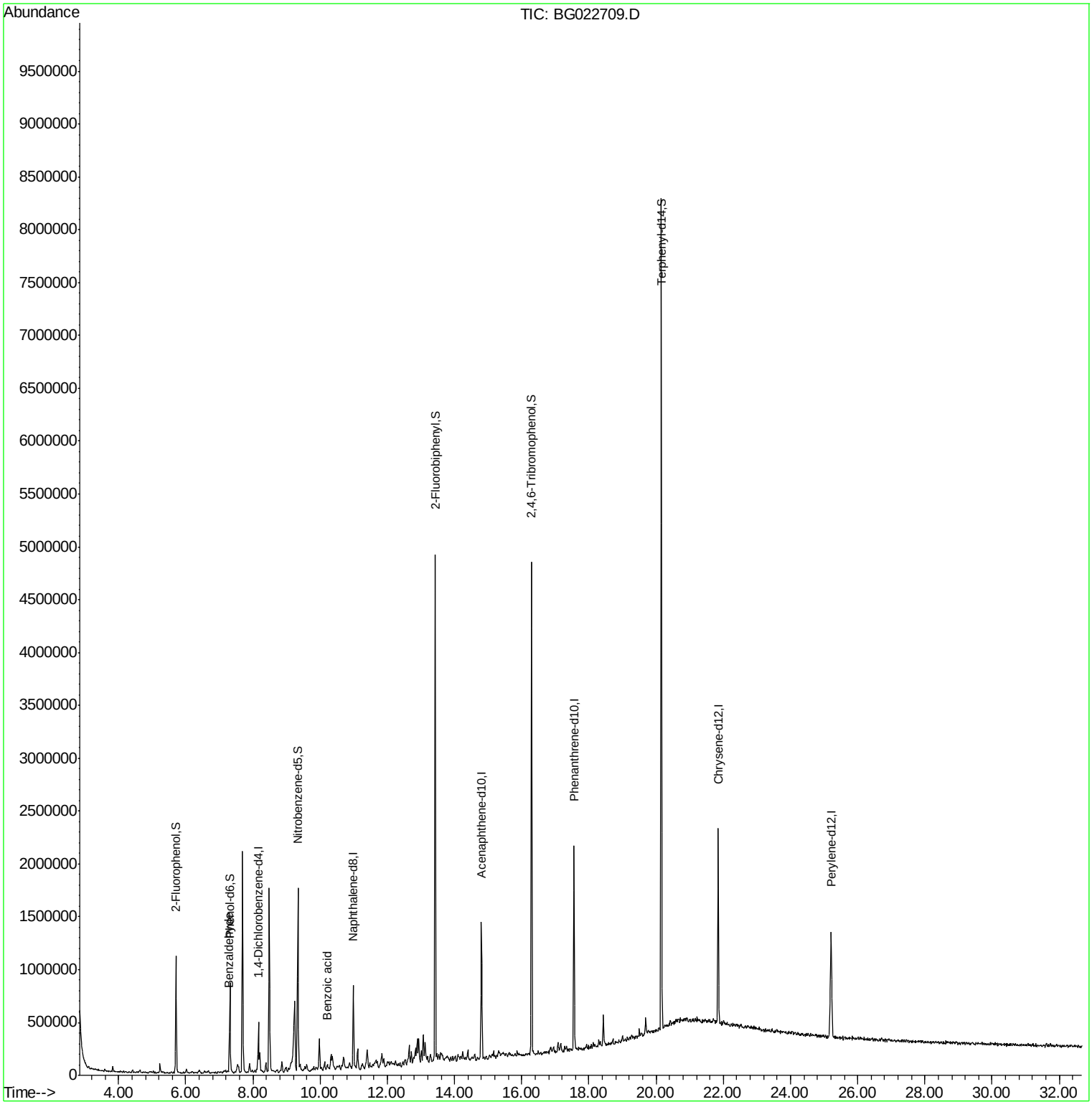
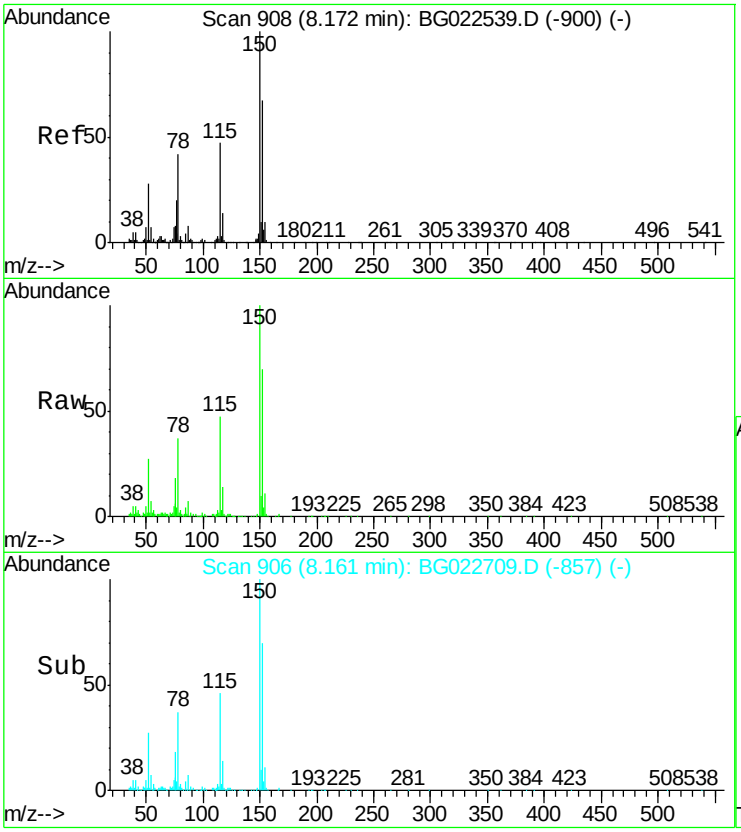


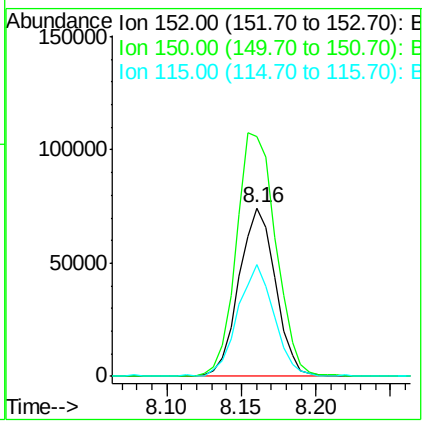


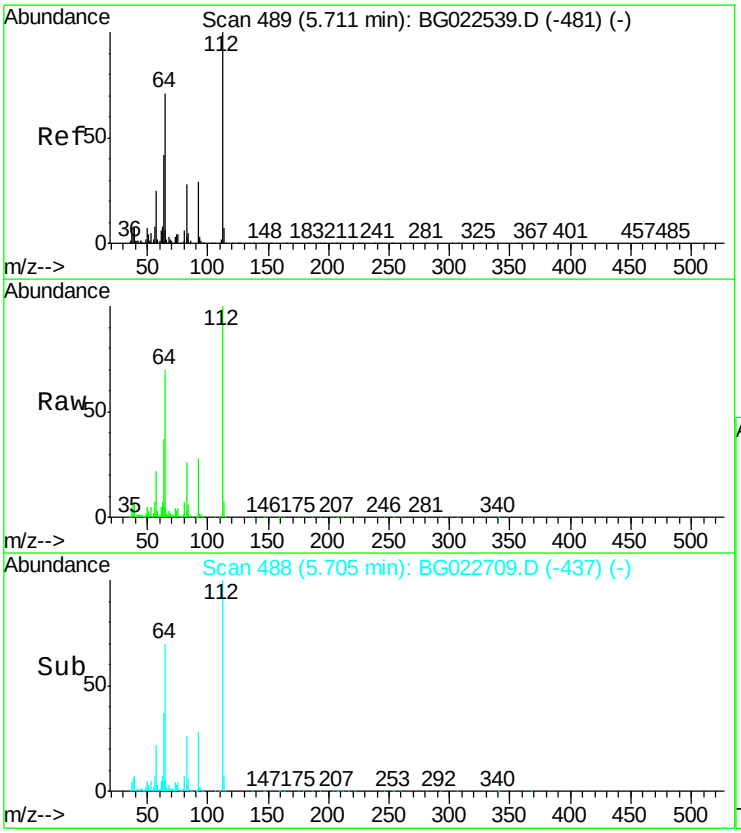

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

**Instrument :**
BNA_G
**ClientSampleId :**
S8-0580

Tgt Ion:152 Resp: 125459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 143.0 | 144.7 | 217.1# |
| 115 | 66.6 | 64.0 | 96.0 |

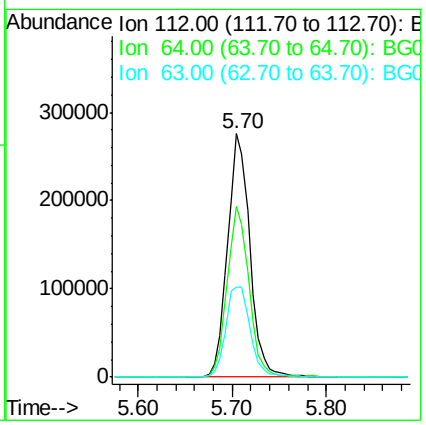


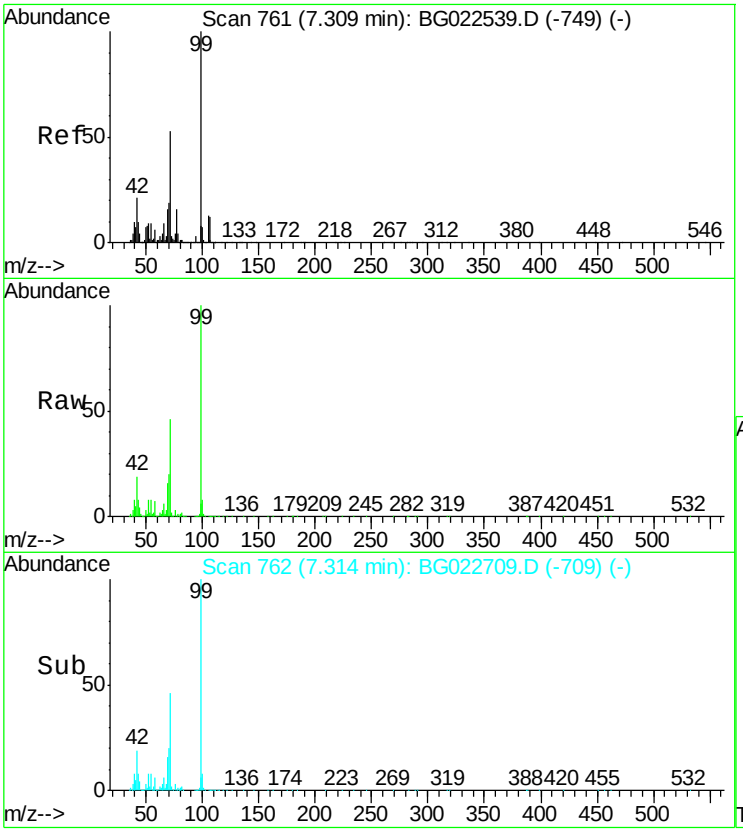




#5
2-Fluorophenol
Concen: 58.11 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Tgt Ion:112 Resp: 454507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 69.9 | 59.0 | 88.4 |
| 63 | 37.2 | 37.8 | 56.8# |



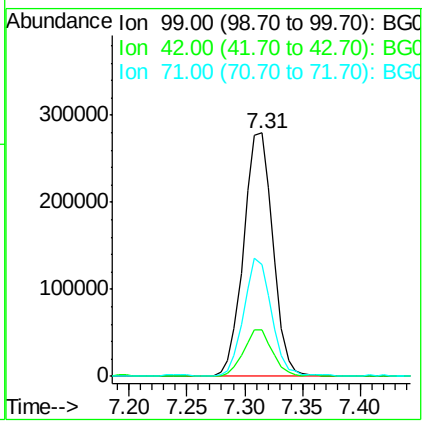


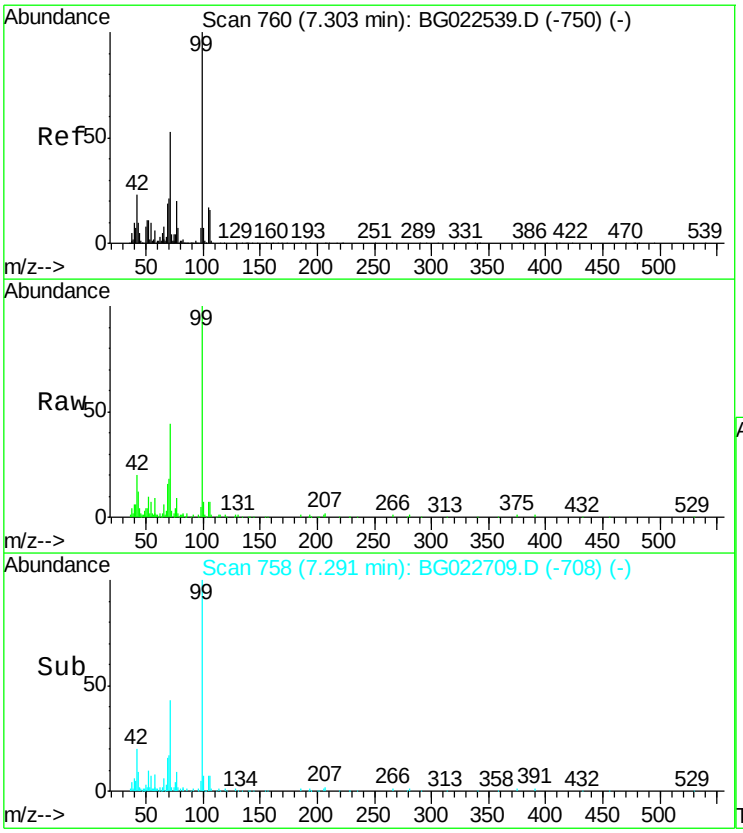

#7
Phenol-d6
Concen: 44.95 ng
RT: 7.31 min Scan# 762
Delta R.T. 0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

**Instrument :**
BNA_G
**ClientSampleId :**
S8-0580

Tgt Ion: 99 Resp: 495617

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.9 | 17.8 | 26.6 |
| 71 | 46.1 | 41.5 | 62.3 |

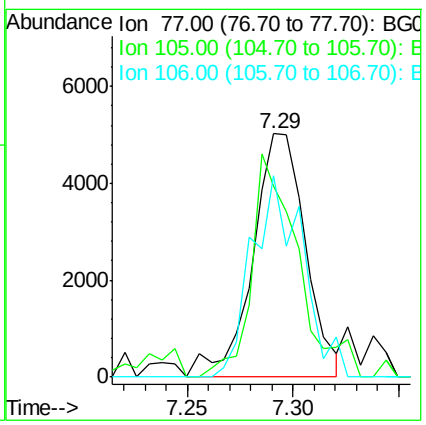


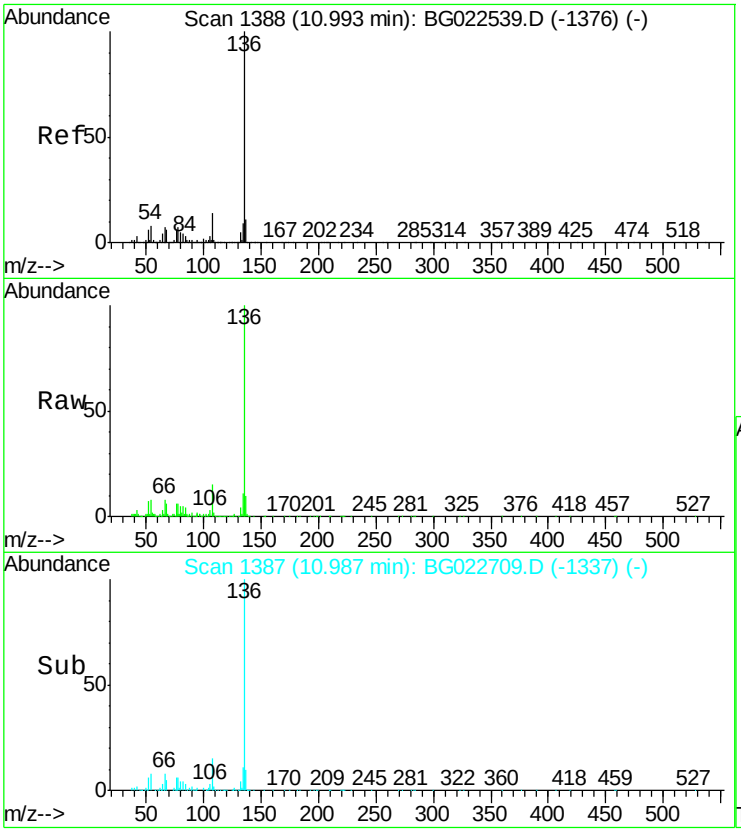




#9
Benzaldehyde
Concen: 2.25 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Tgt Ion: 77 Resp: 8749

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 78.5 | 58.7 | 98.7 |
| 106 | 82.5 | 67.5 | 107.5 |



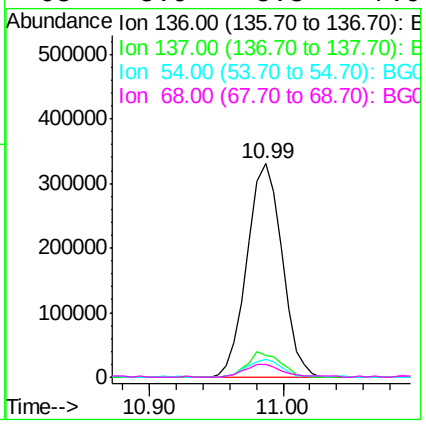


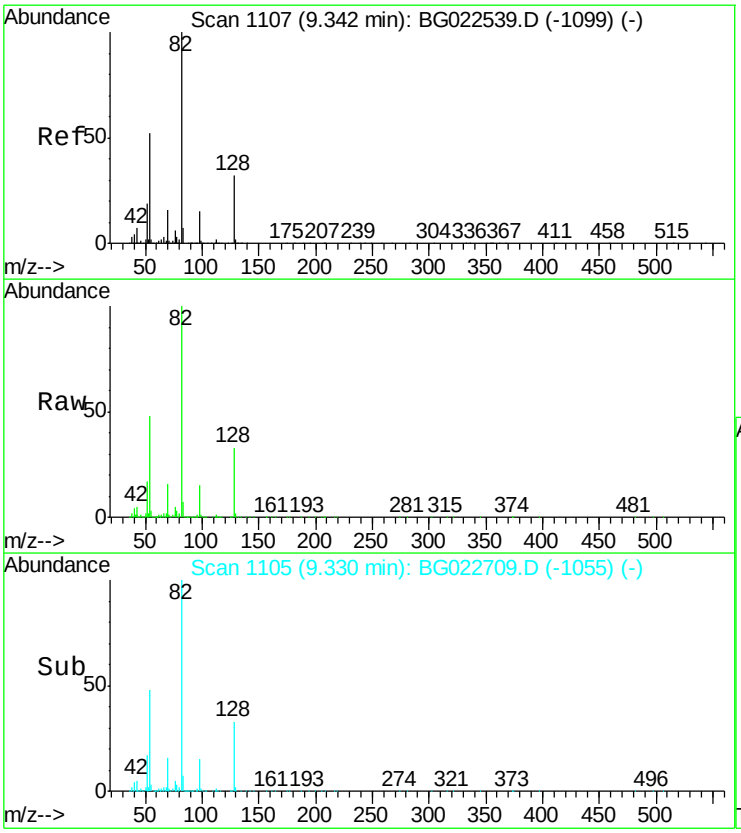

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

**Instrument :**
BNA_G
**ClientSampleId :**
S8-0580

Tgt Ion:136 Resp: 597501

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.3 | 9.6 | 14.4 |
| 54 | 8.3 | 7.3 | 10.9 |
| 68 | 5.9 | 5.3 | 7.9 |

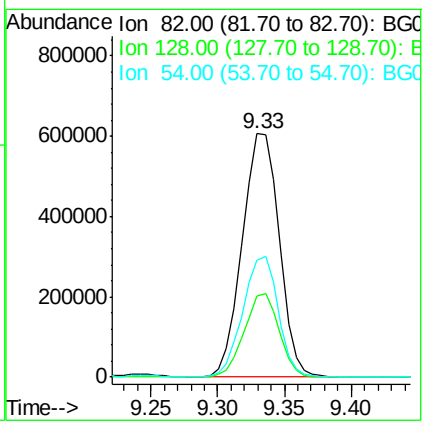


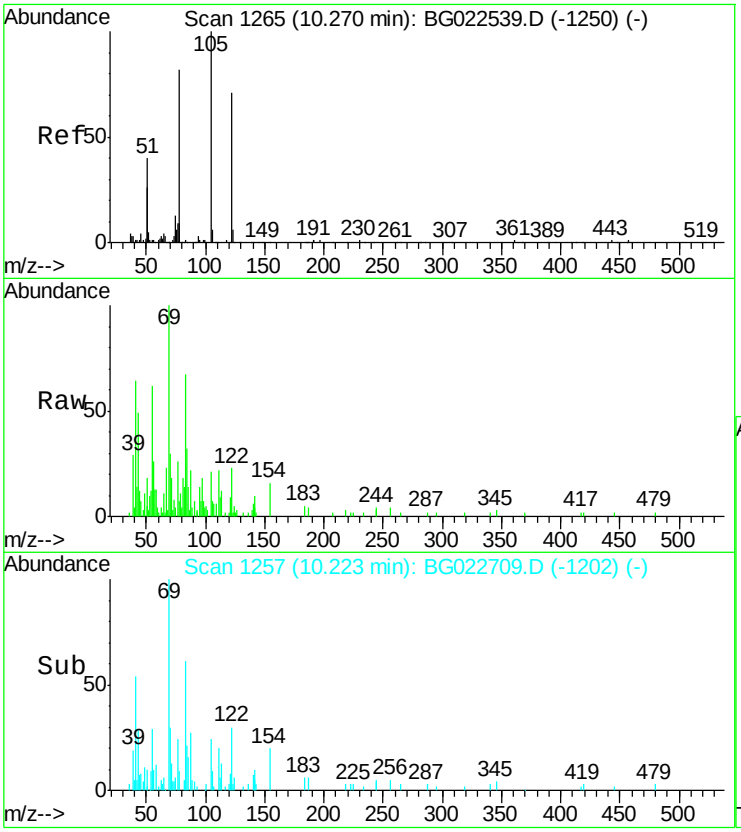




#23
Nitrobenzene-d5
Concen: 81.70 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Tgt Ion: 82 Resp: 1153389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 33.2 | 24.4 | 36.6 |
| 54 | 48.1 | 41.4 | 62.0 |



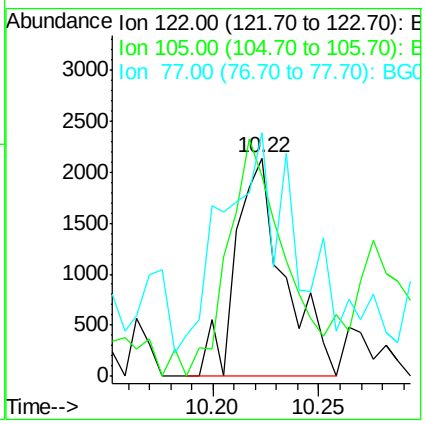


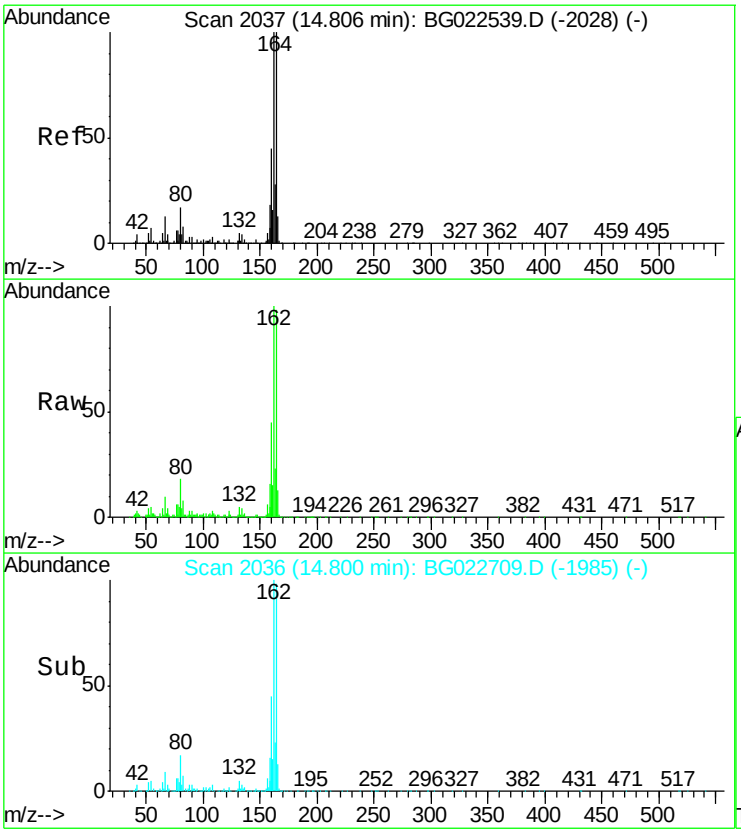

#32
Benzoic acid
Concen: 5.55 ng
RT: 10.22 min Scan# 1257
Delta R.T. 0.02 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

**Instrument :**
BNA_G
**ClientSampleId :**
S8-0580

Tgt Ion:122 Resp: 3400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 91.7 | 117.2 | 157.2# |
| 77 | 111.6 | 109.2 | 149.2 |

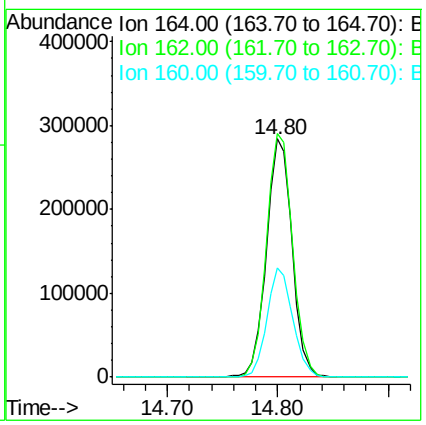


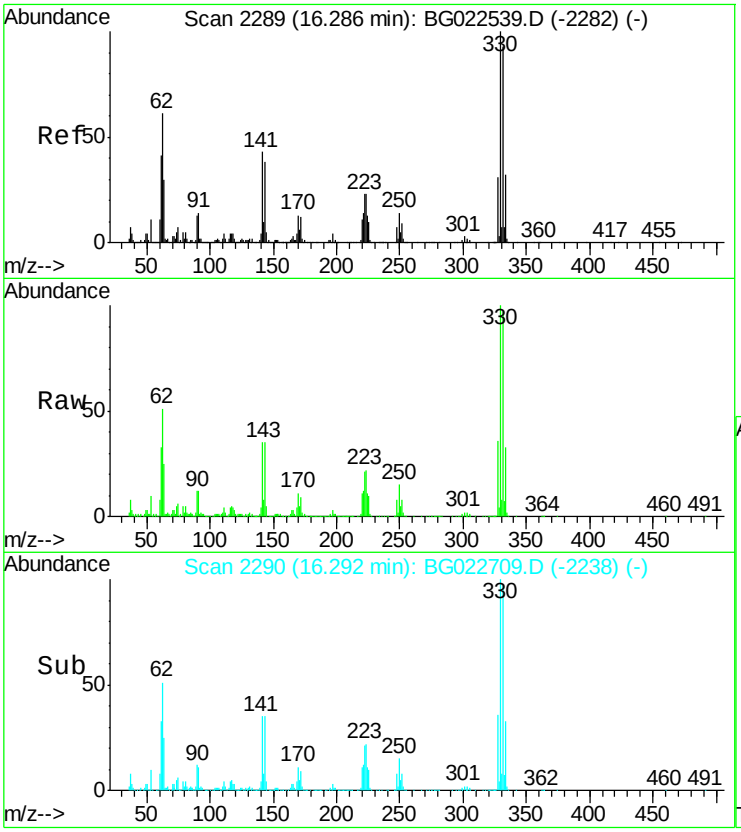




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Tgt Ion:164 Resp: 459953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 87.7 | 131.5 |
| 160 | 46.0 | 37.2 | 55.8 |



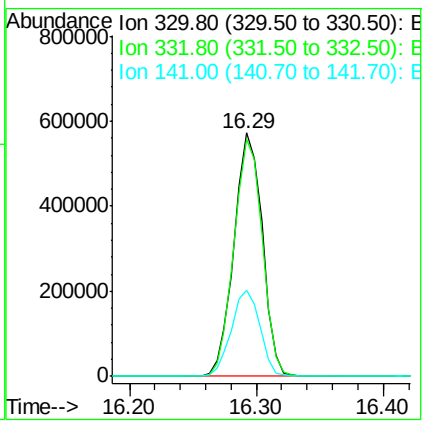


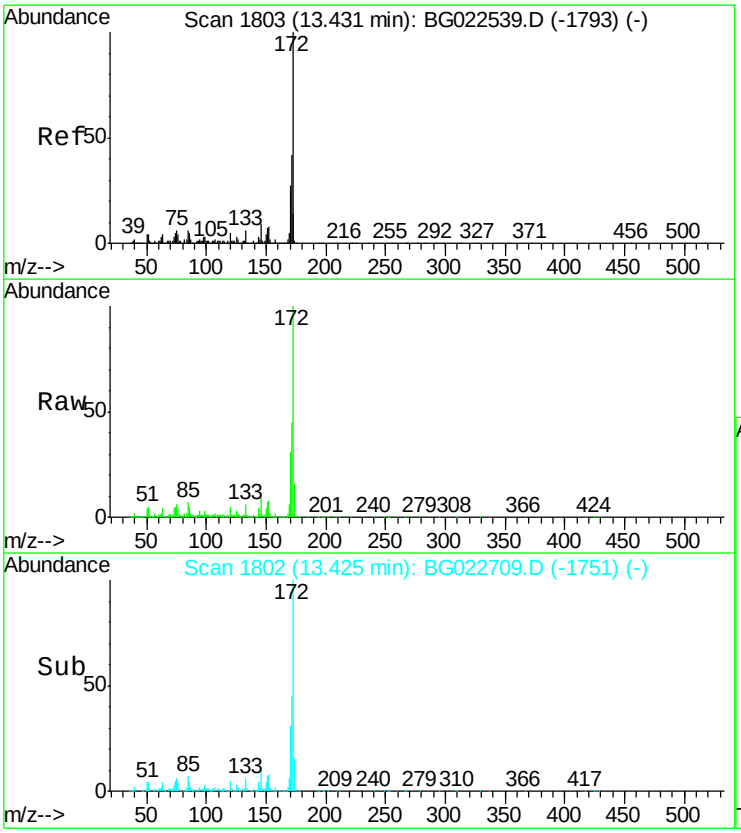

#41
2,4,6-Tribromophenol
Concen: 122.54 ng
RT: 16.29 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

**Instrument :**
BNA_G
**ClientSampleId :**
S8-0580

Tgt Ion:330 Resp: 886468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.5 | 77.4 | 116.2 |
| 141 | 35.4 | 31.7 | 47.5 |

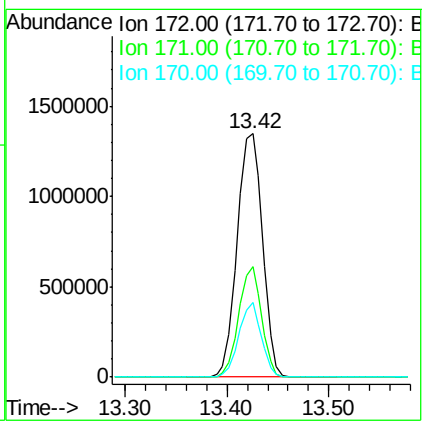


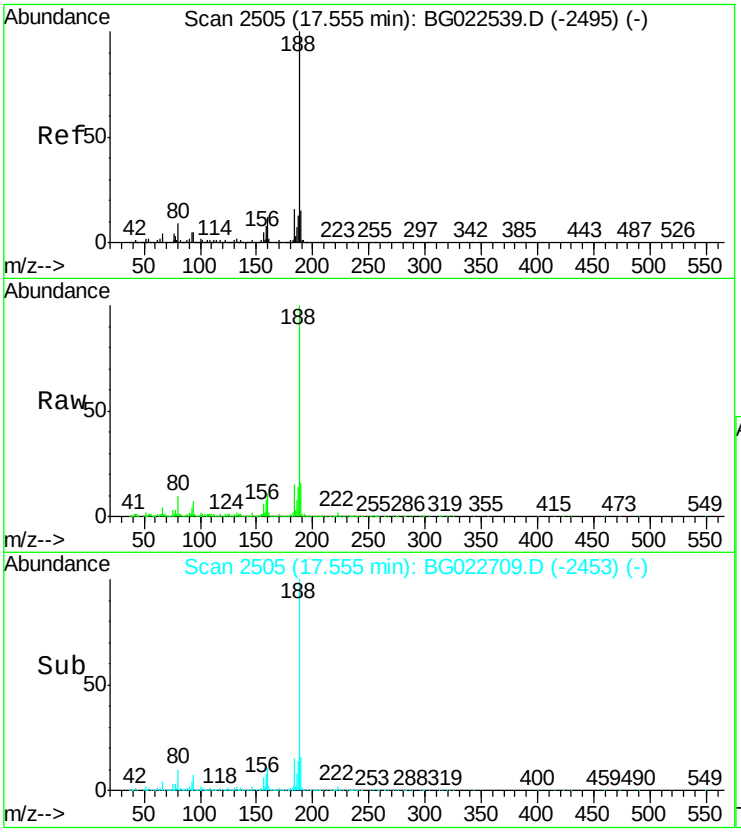




#44
2-Fluorobiphenyl
Concen: 80.42 ng
RT: 13.42 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Tgt Ion:172 Resp: 2332494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 45.4 | 31.6 | 47.4 |
| 170 | 30.5 | 21.3 | 31.9 |



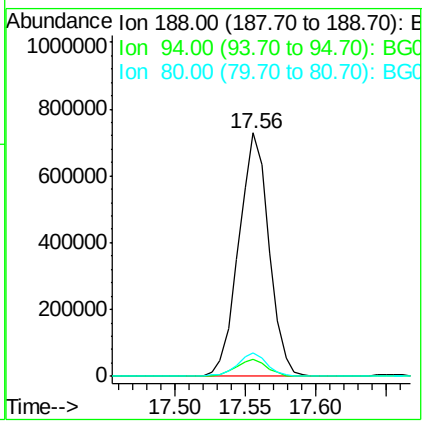


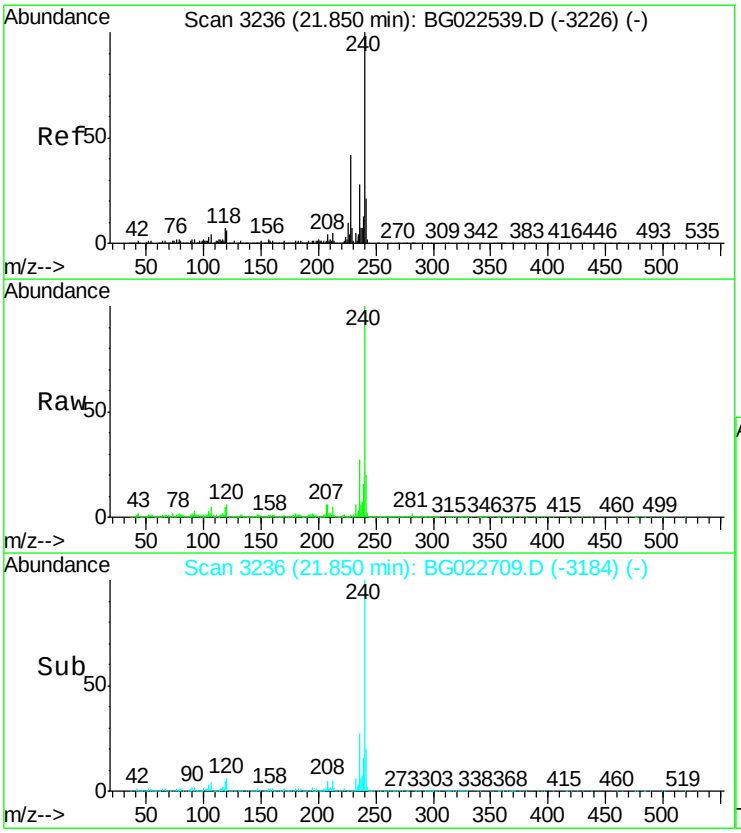

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

**Instrument :**
BNA_G
**ClientSampleId :**
S8-0580

Tgt Ion:188 Resp: 1090334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.2 | 5.2 | 7.8 |
| 80 | 9.8 | 7.2 | 10.8 |

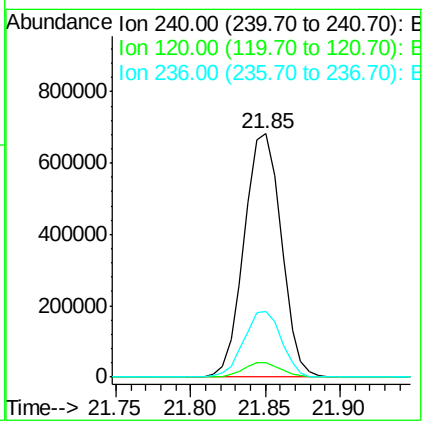


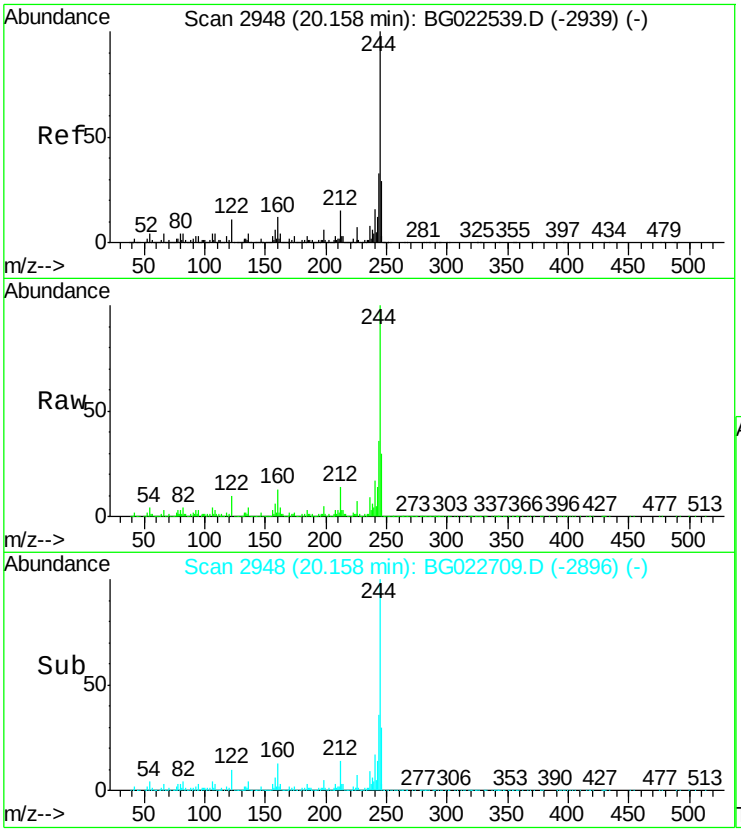




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Tgt Ion:240 Resp: 1167953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.0 | 4.1 | 6.1 |
| 236 | 27.0 | 21.1 | 31.7 |



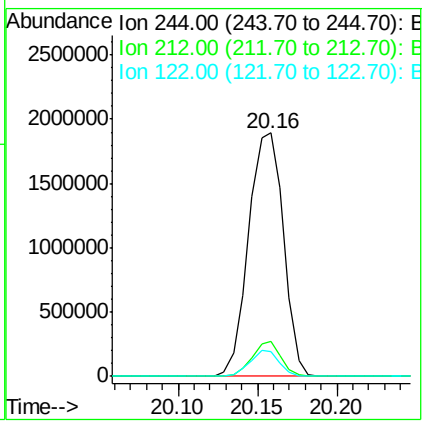


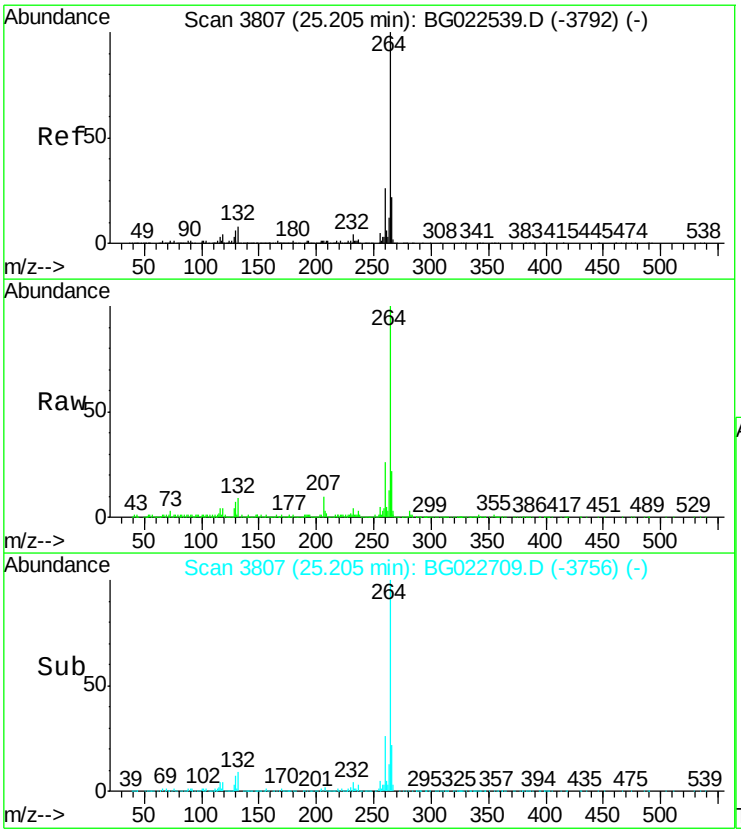

#78
Terphenyl-d14
Concen: 65.86 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

**Instrument :**
BNA_G
**ClientSampleId :**
S8-0580

Tgt Ion:244 Resp: 2903125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 14.3 | 10.8 | 16.2 |
| 122 | 10.1 | 8.0 | 12.0 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. -0.00 min
Lab File: BG022709.D
Acq: 30 Jun 2016 1:19

Tgt Ion:264 Resp: 1183128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.7 | 18.4 | 27.6 |
| 265 | 22.5 | 18.9 | 28.3 |