Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
Data File : BG016676.D
Acq On : 24 Apr 2015 6:42
Operator : TP/IZ
Sample : G1948-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** MW-52

Quant Time: Apr 24 07:38:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 04:29:05 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 57681 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.38 | 136 | 251368 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.25 | 164 | 142559 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 16.99 | 188 | 301535 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.18 | 240 | 285935 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.38 | 264 | 258081 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 223924 | 63.00 | ng | 0.00 |
| 7) Phenol-d6 | 6.79 | 99 | 191002 | 38.30 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.75 | 82 | 366228 | 92.06 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.75 | 330 | 153011 | 144.68 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 12.87 | 172 | 836691 | 94.30 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.63 | 244 | 953072 | 76.78 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 18) Hexachloroethane | 8.77 | 117 | 44928 | 27.44 | ng | # 7 |
| 32) Benzoic acid | 9.82 | 122 | 53 | 8.88 | ng | # 22 |

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

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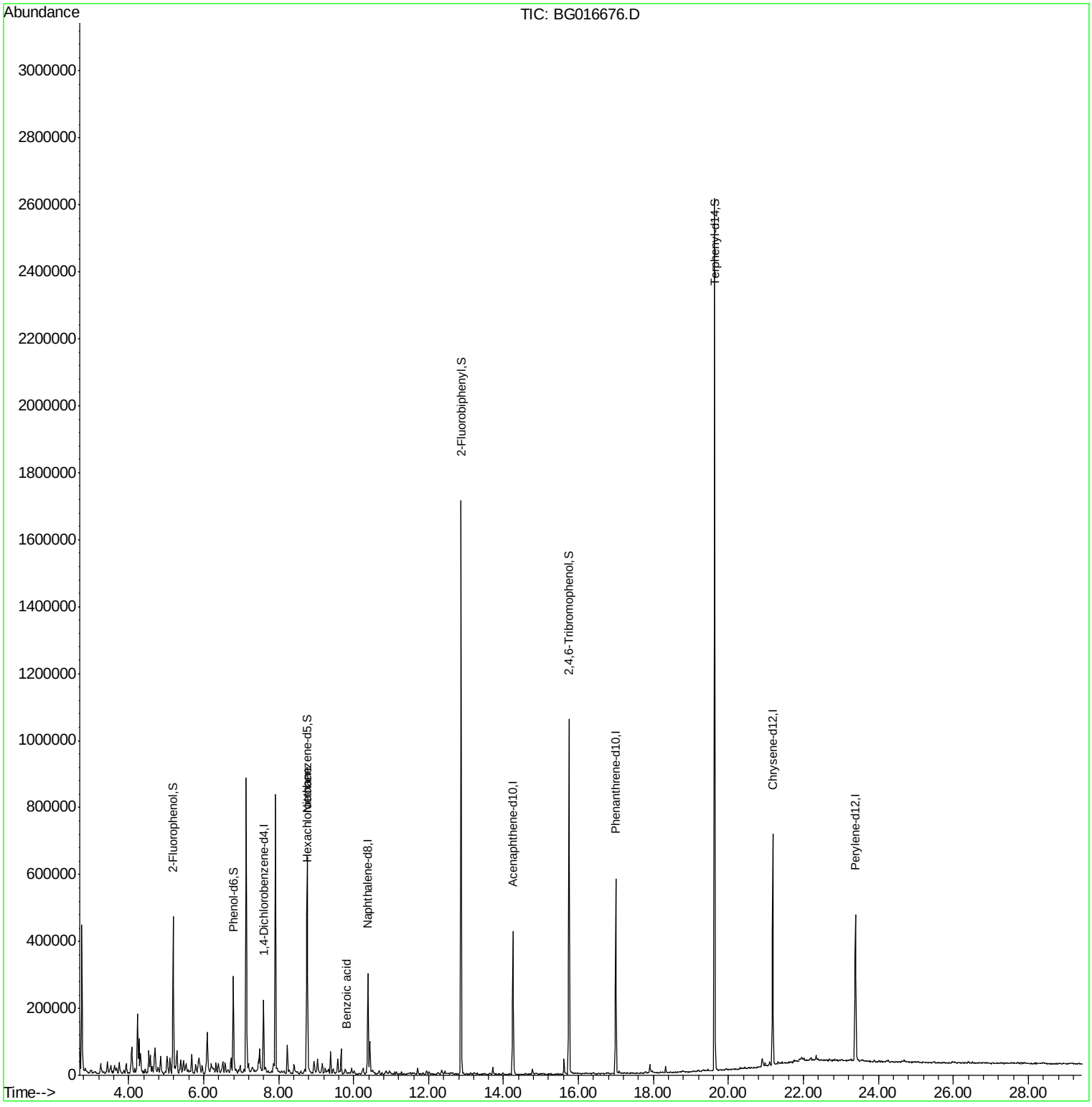
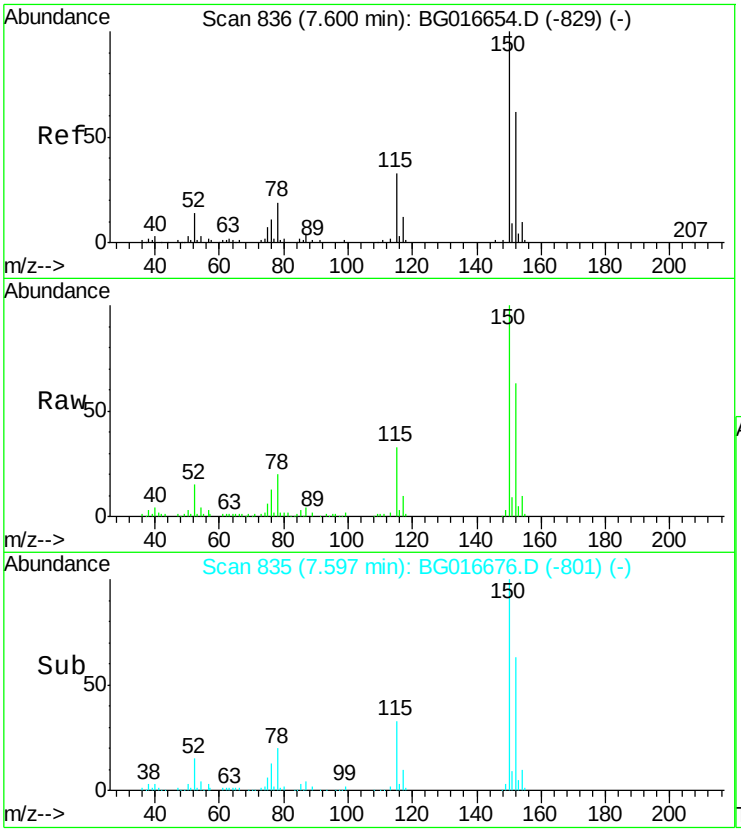


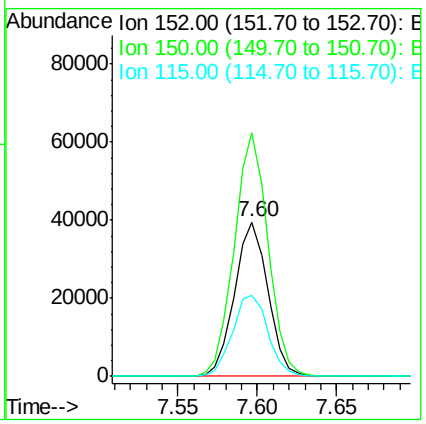


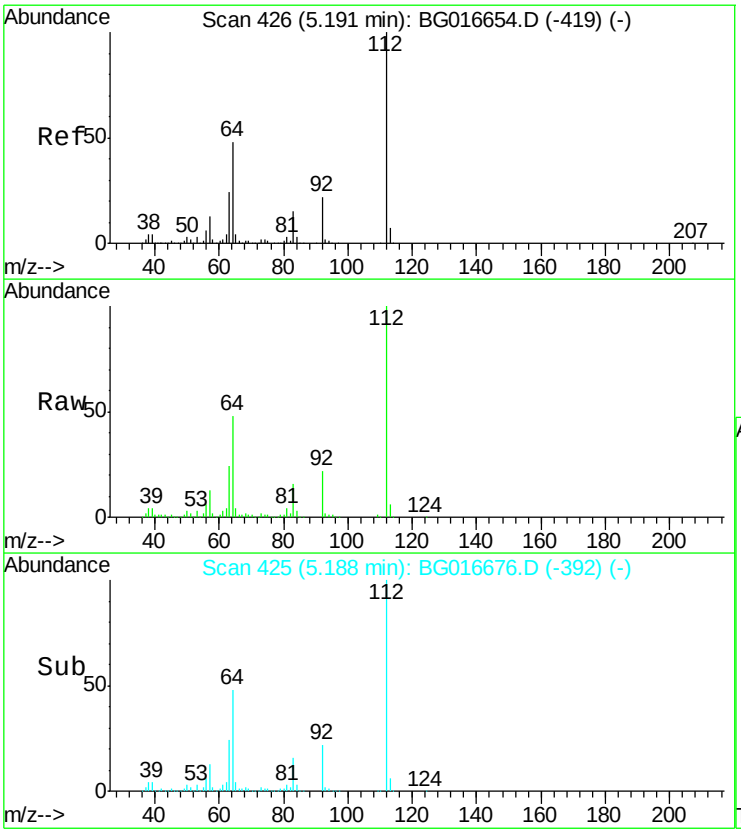

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 835
Delta R.T. 0.00 min
Lab File: BG016676.D
Acq: 24 Apr 2015 6:42

**Instrument :**
BNA_F
**ClientSampleId :**
MW-52

Tgt Ion:152 Resp: 57681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.1 | 129.6 | 194.4 |
| 115 | 52.7 | 43.0 | 64.6 |

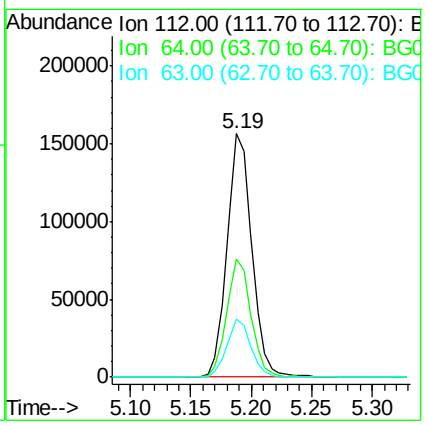


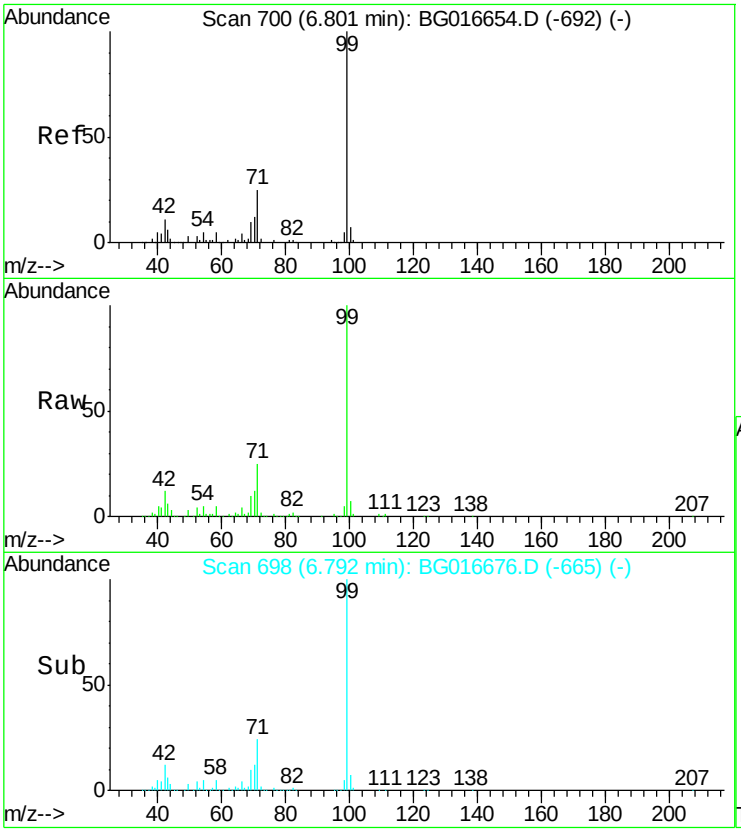




#5
2-Fluorophenol
Concen: 63.00 ng
RT: 5.19 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG016676.D
Acq: 24 Apr 2015 6:42

Tgt Ion:112 Resp: 223924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 48.3 | 38.3 | 57.5 |
| 63 | 24.1 | 18.9 | 28.3 |



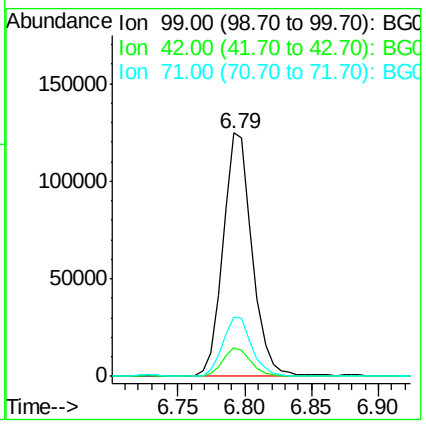


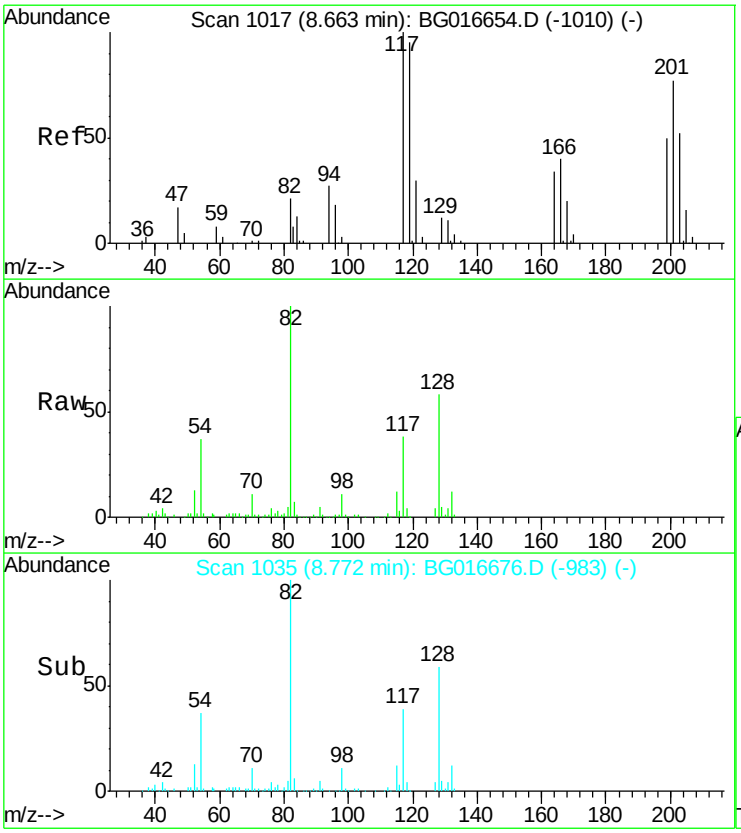

#7
Phenol-d6
Concen: 38.30 ng
RT: 6.79 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG016676.D
Acq: 24 Apr 2015 6:42

**Instrument :**
BNA_F
**ClientSampleId :**
MW-52

Tgt Ion: 99 Resp: 191002

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 11.7 | 8.8 | 13.2 |
| 71 | 24.6 | 19.9 | 29.9 |

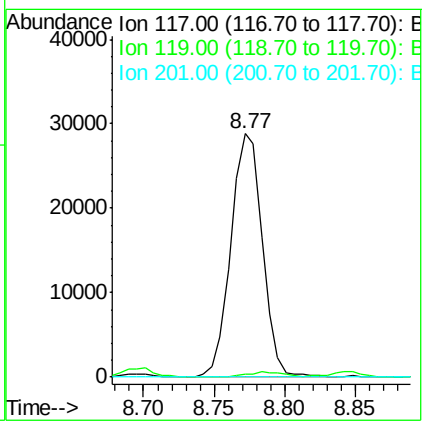


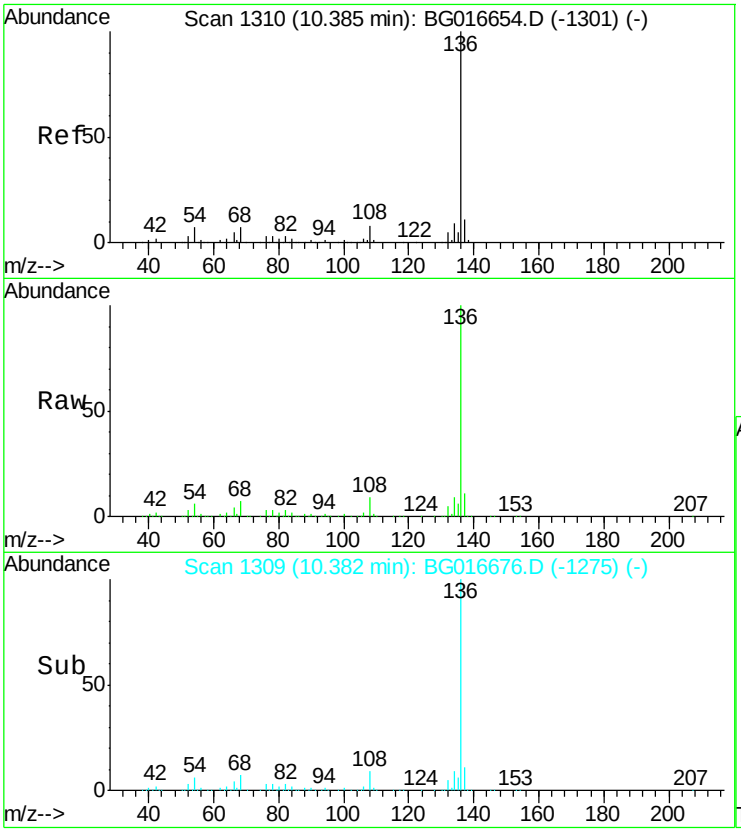




#18
Hexachloroethane
Concen: 27.44 ng
RT: 8.77 min Scan# 1035
Delta R.T. 0.11 min
Lab File: BG016676.D
Acq: 24 Apr 2015 6:42

Tgt Ion:117 Resp: 44928

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 1.1 | 76.3 | 114.5# |
| 201 | 0.0 | 61.5 | 92.3# |



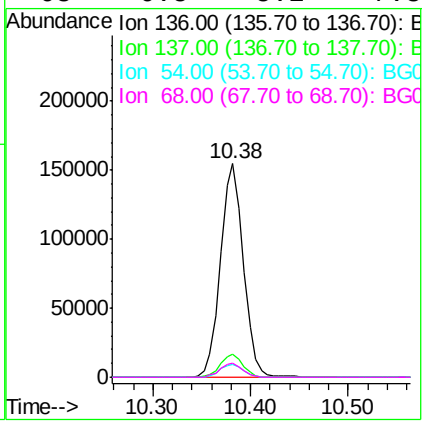


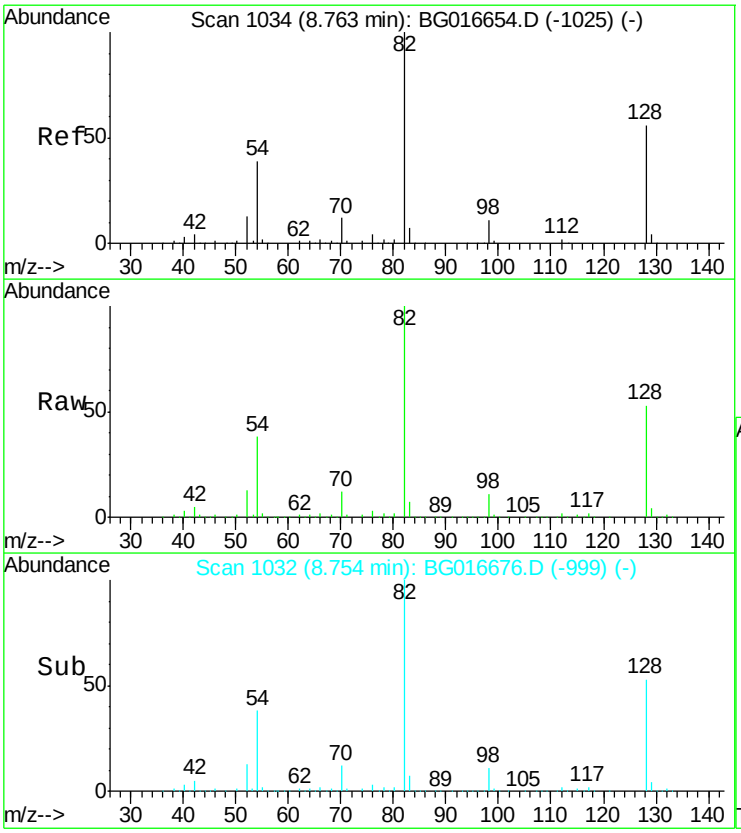

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG016676.D
Acq: 24 Apr 2015 6:42

**Instrument :**
BNA_F
**ClientSampleId :**
MW-52

Tgt Ion:136 Resp: 251368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.5 | 12.7 |
| 54 | 5.8 | 5.4 | 8.2 |
| 68 | 6.5 | 5.2 | 7.8 |

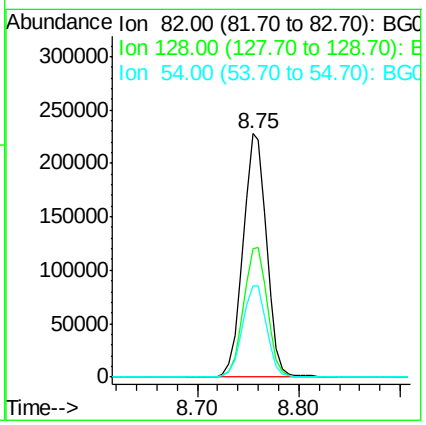


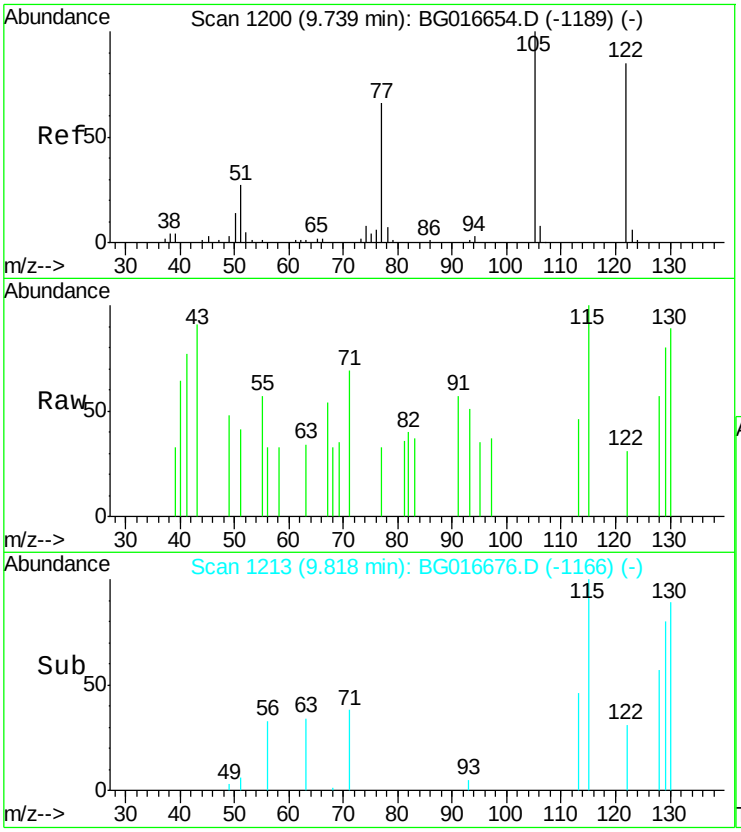




#23
Nitrobenzene-d5
Concen: 92.06 ng
RT: 8.75 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG016676.D
Acq: 24 Apr 2015 6:42

Tgt Ion: 82 Resp: 366228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 52.9 | 44.7 | 67.1 |
| 54 | 37.6 | 30.9 | 46.3 |



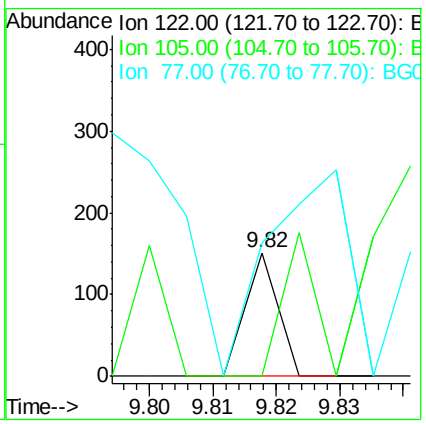


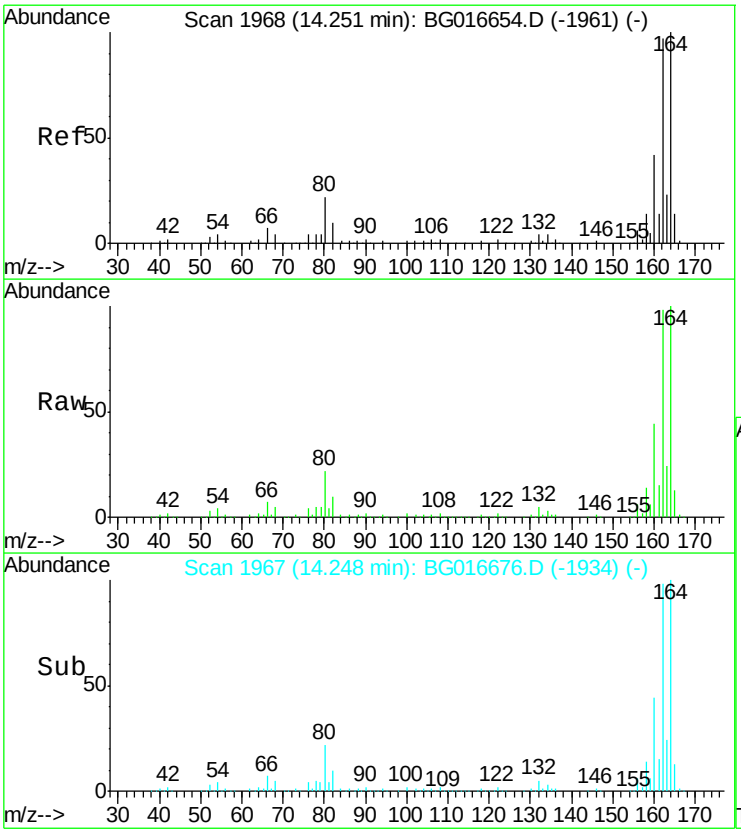

#32
Benzoic acid
Concen: 8.88 ng
RT: 9.82 min Scan# 1213
Delta R.T. 0.08 min
Lab File: BG016676.D
Acq: 24 Apr 2015 6:42

**Instrument :**
BNA_F
**ClientSampleId :**
MW-52

Tgt Ion:122 Resp: 53

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 97.2 | 137.2# |
| 77 | 108.6 | 58.4 | 98.4# |




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG016676.D
Acq: 24 Apr 2015 6:42

Tgt Ion:164 Resp: 142559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.5 | 77.3 | 115.9 |
| 160 | 43.8 | 33.7 | 50.5 |