Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
Data File : BG016885.D
Acq On : 6 May 2015 4:22
Operator : TP/IZ
Sample : G2114-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** GRID-4(12-18)

Quant Time: May 06 05:16:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 03:35:52 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 75275 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.60 | 136 | 324646 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.44 | 164 | 209870 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.18 | 188 | 487724 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.36 | 240 | 490640 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.67 | 264 | 479123 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 521045 | 120.53 | ng | 0.00 |
| 7) Phenol-d6 | 6.97 | 99 | 720781 | 116.70 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.96 | 82 | 465776 | 70.09 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.93 | 330 | 260160 | 123.48 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.06 | 172 | 962256 | 69.19 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.81 | 244 | 1468204 | 70.15 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 6.99 | 94 | 17328 | 2.62 | ng | 95 |
| 32) Benzoic acid | 9.94 | 122 | 63 | Below Cal | # | 1 |
| 49) Dimethylphthalate | 13.90 | 163 | 49646 | 3.17 | ng # | 93 |
| 62) Azobenzene | 15.80 | 77 | 51643 | 3.01 | ng # | 1 |

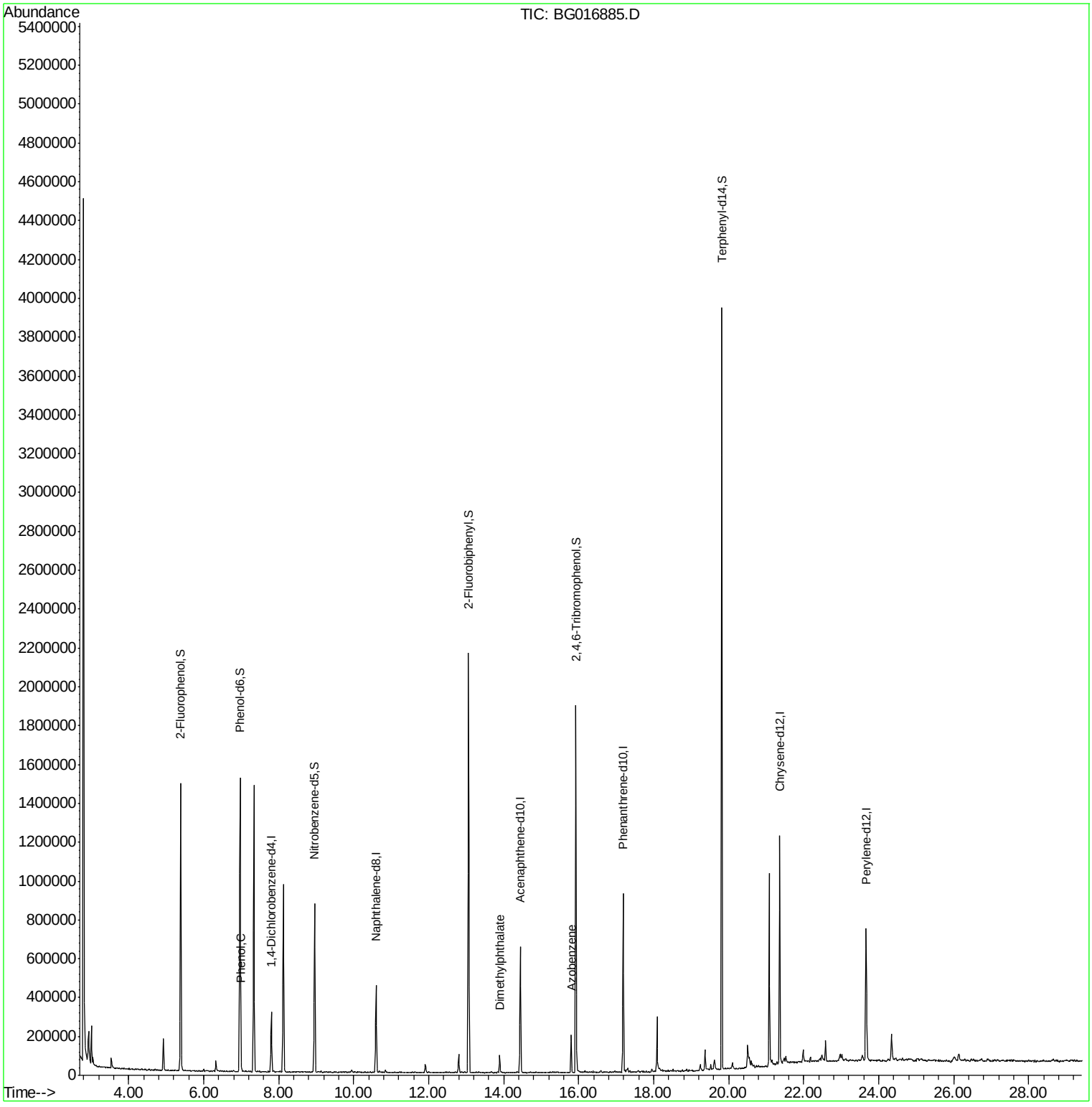
(#) = qualifier out of range (m) = manual integration (+) = signals summed

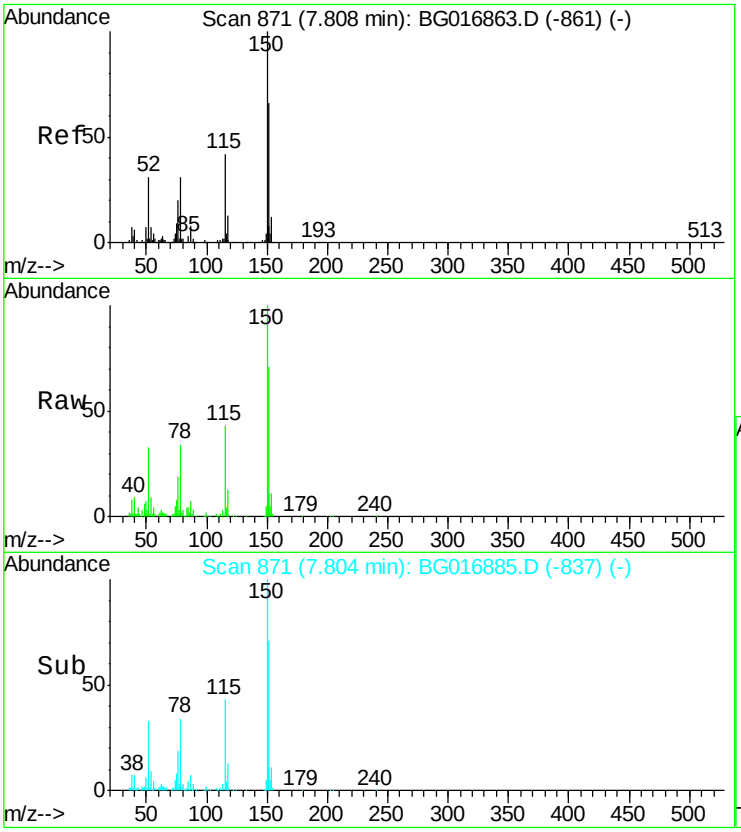
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
Data File : BG016885.D
Acq On : 6 May 2015 4:22
Operator : TP/IZ
Sample : G2114-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** GRID-4(12-18)

Quant Time: May 06 05:16:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 03:35:52 2015
Response via : Initial Calibration



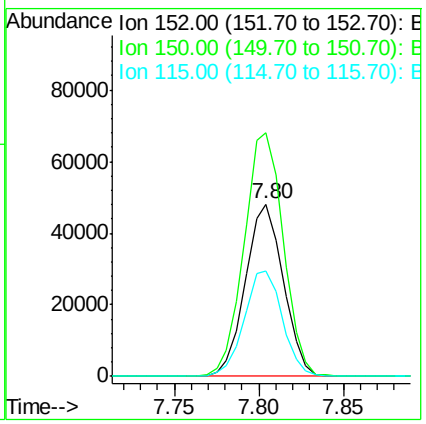


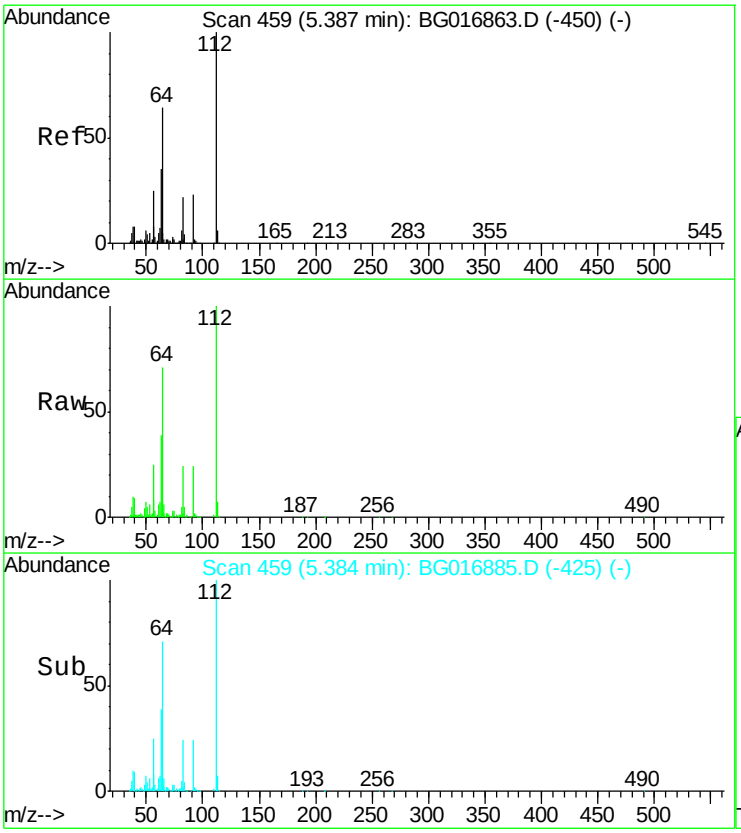

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 871
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

**Instrument :**
BNA_G
**ClientSampleId :**
GRID-4(12-18)

Tgt Ion:152 Resp: 75275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 141.2 | 121.0 | 181.4 |
| 115 | 61.4 | 50.5 | 75.7 |

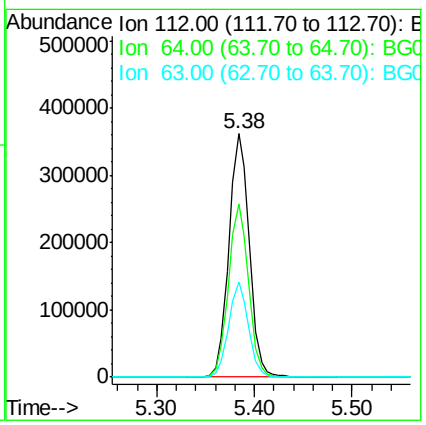


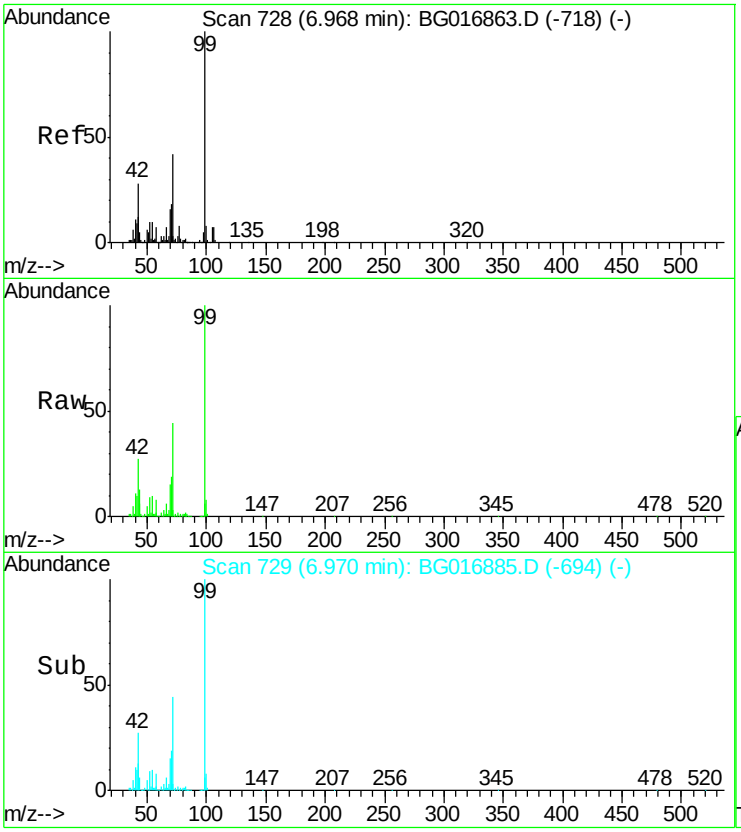




#5
2-Fluorophenol
Concen: 120.53 ng
RT: 5.38 min Scan# 459
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Tgt Ion:112 Resp: 521045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.1 | 51.4 | 77.2 |
| 63 | 38.9 | 28.1 | 42.1 |



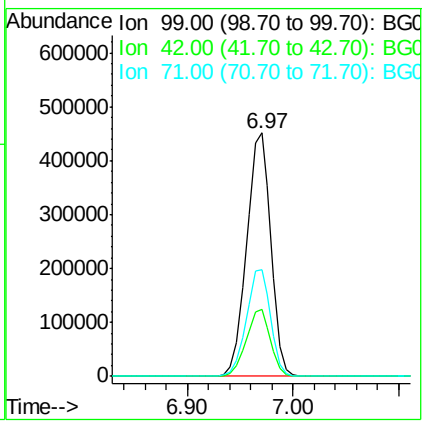


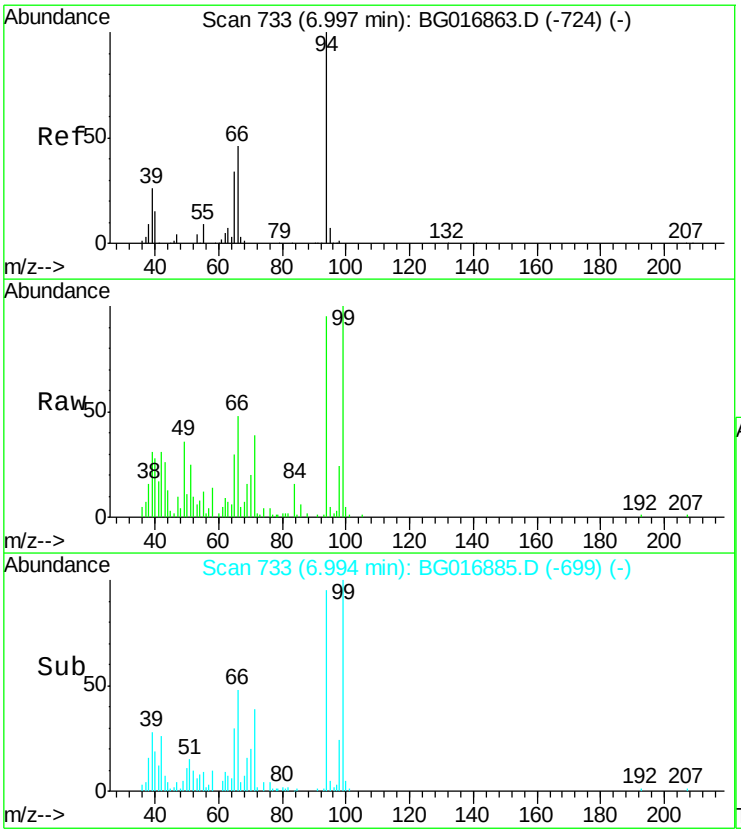

#7
Phenol-d6
Concen: 116.70 ng
RT: 6.97 min Scan# 729
Delta R.T. 0.01 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

**Instrument :**
BNA_G
**ClientSampleId :**
GRID-4(12-18)

Tgt Ion: 99 Resp: 720781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 27.3 | 22.1 | 33.1 |
| 71 | 43.8 | 33.4 | 50.0 |

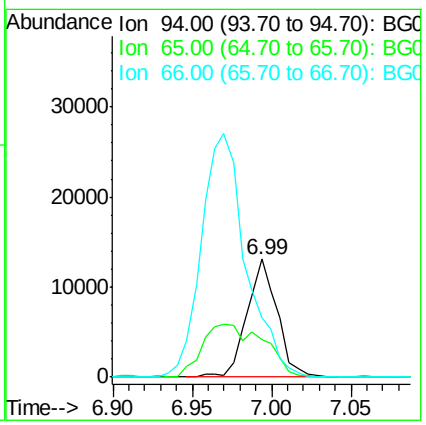


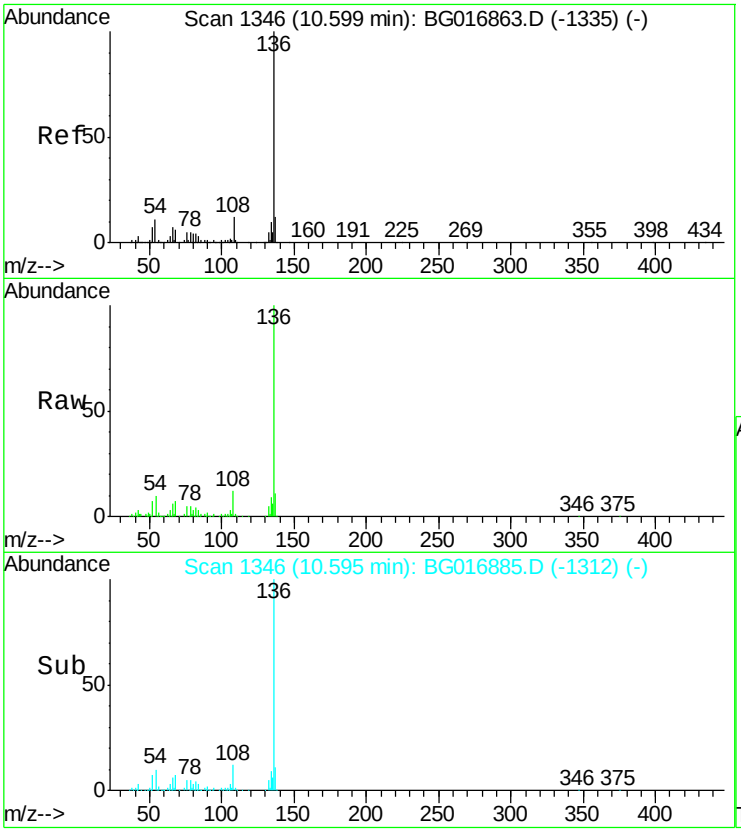




#10
Phenol
Concen: 2.62 ng
RT: 6.99 min Scan# 733
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Tgt Ion: 94 Resp: 17328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 31.4 | 14.3 | 54.3 |
| 66 | 50.3 | 26.9 | 66.9 |



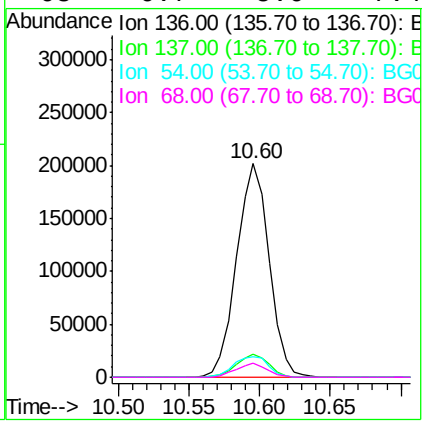


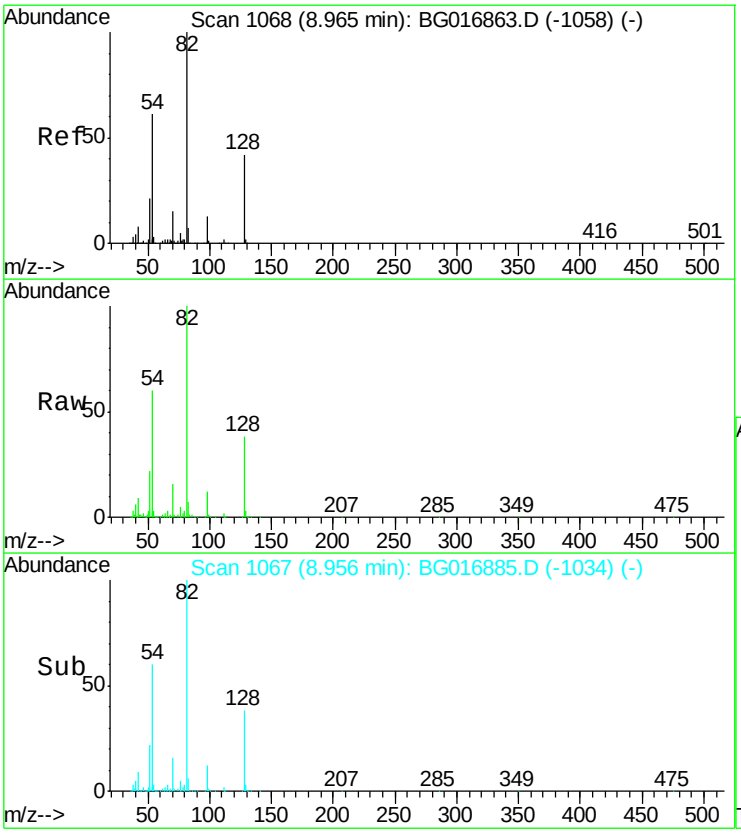

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

**Instrument :**
BNA_G
**ClientSampleId :**
GRID-4(12-18)

Tgt Ion:136 Resp: 324646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.8 | 14.8 |
| 54 | 9.7 | 8.7 | 13.1 |
| 68 | 6.7 | 5.0 | 7.4 |

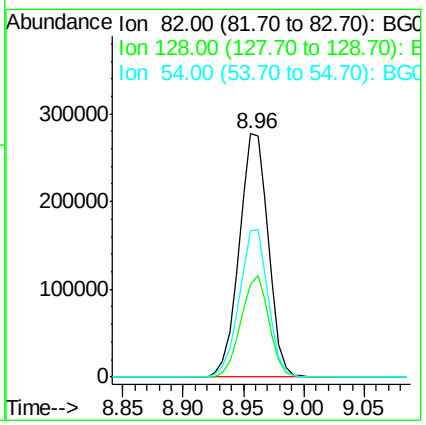


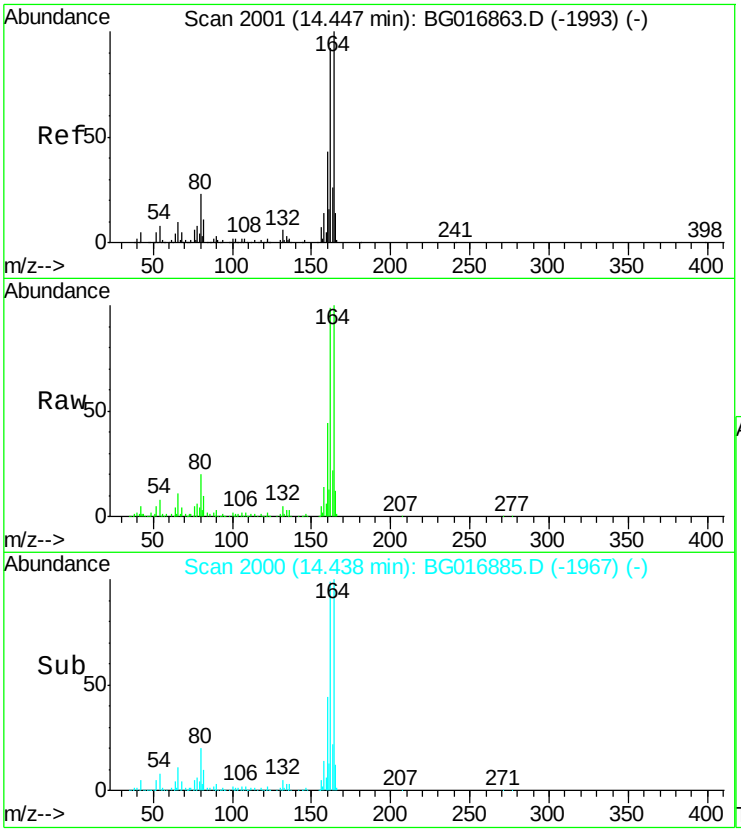




#23
Nitrobenzene-d5
Concen: 70.09 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Tgt Ion: 82 Resp: 465776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.2 | 33.2 | 49.8 |
| 54 | 59.9 | 48.6 | 72.8 |



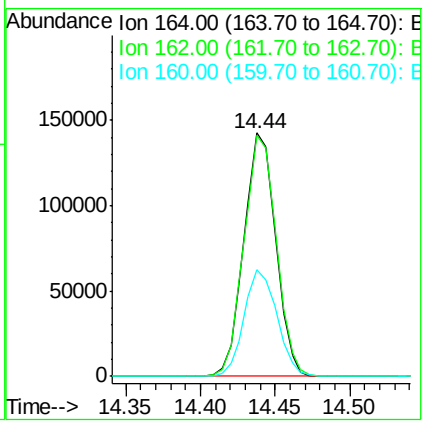


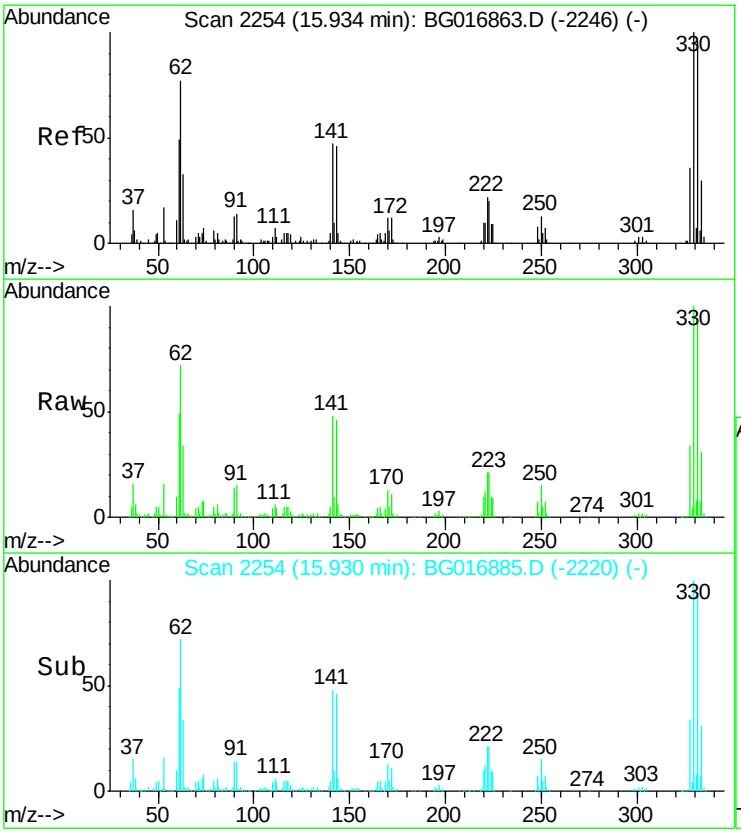

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

**Instrument :**
BNA_G
**ClientSampleId :**
GRID-4(12-18)

Tgt Ion:164 Resp: 209870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.0 | 74.0 | 111.0 |
| 160 | 43.6 | 34.7 | 52.1 |

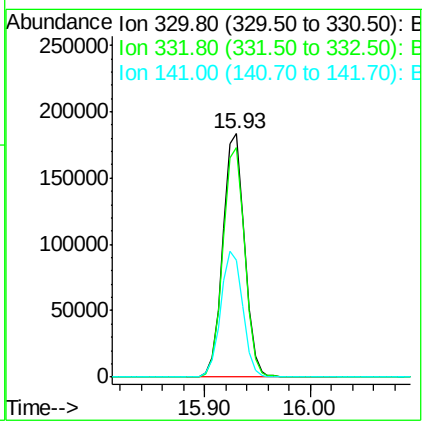


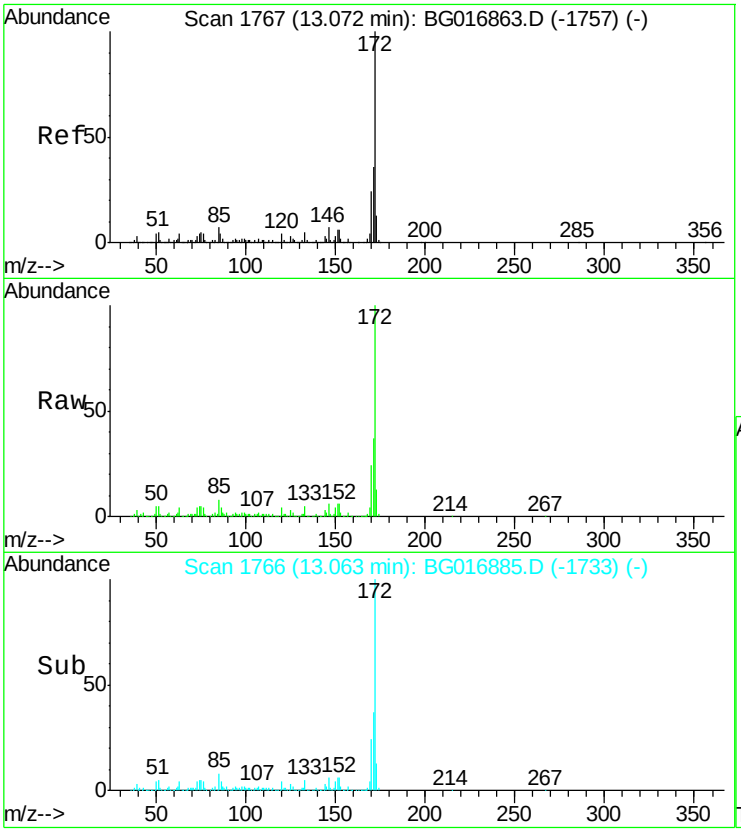




#41
2,4,6-Tribromophenol
Concen: 123.48 ng
RT: 15.93 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Tgt Ion:330 Resp: 260160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.9 | 0.0 | 0.0# |
| 141 | 52.5 | 0.0 | 0.0# |



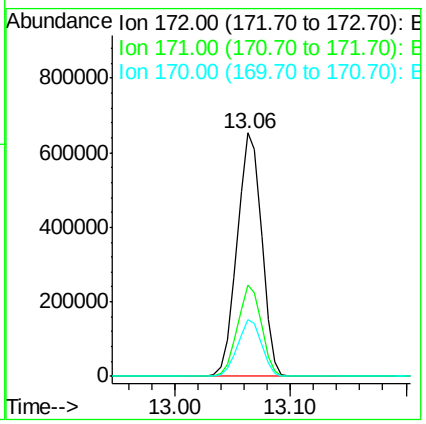


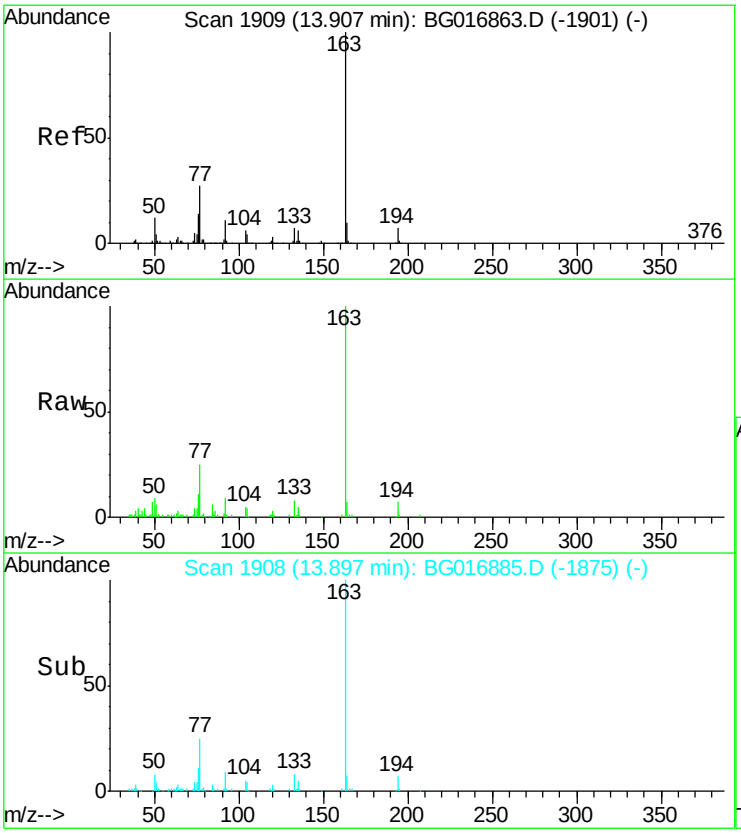

#44
2-Fluorobiphenyl
Concen: 69.19 ng
RT: 13.06 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

**Instrument :**
BNA_G
**ClientSampleId :**
GRID-4(12-18)

Tgt Ion:172 Resp: 962256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.5 | 29.0 | 43.4 |
| 170 | 23.6 | 19.0 | 28.4 |

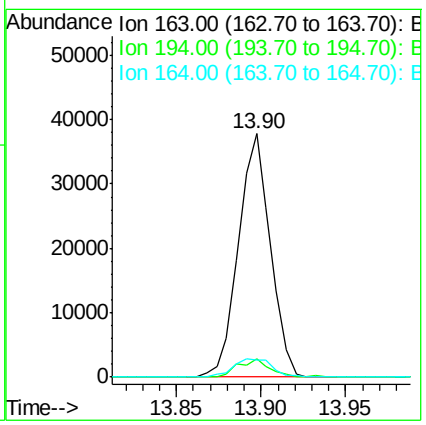


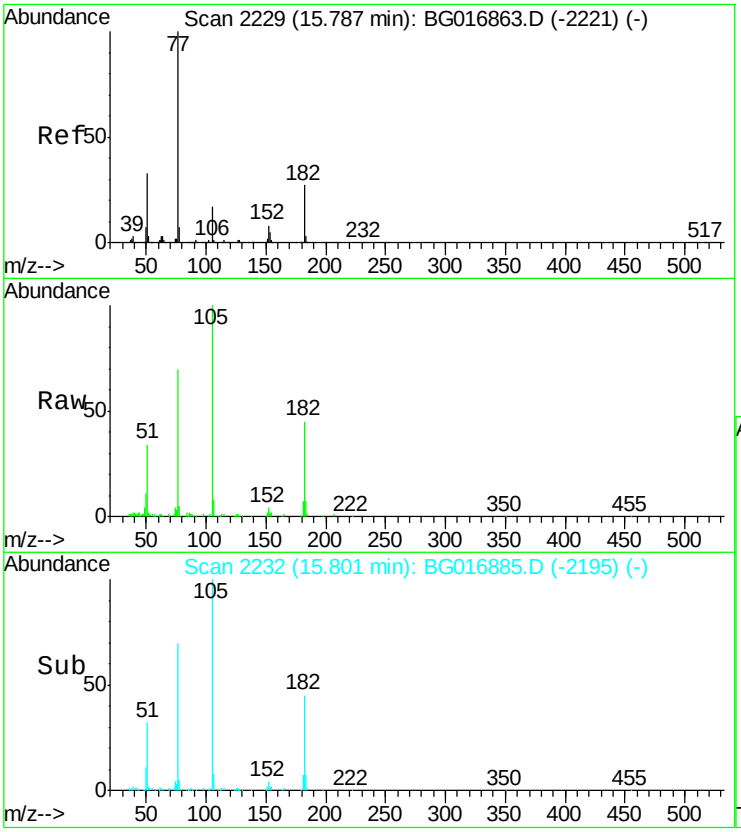




#49
Dimethylphthalate
Concen: 3.17 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Tgt Ion:163 Resp: 49646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 7.5 | 5.2 | 7.8 |
| 164 | 6.8 | 8.4 | 12.6# |



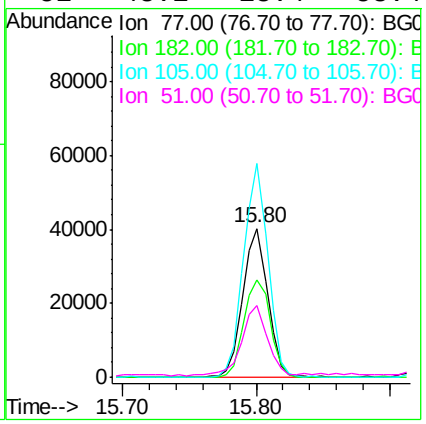


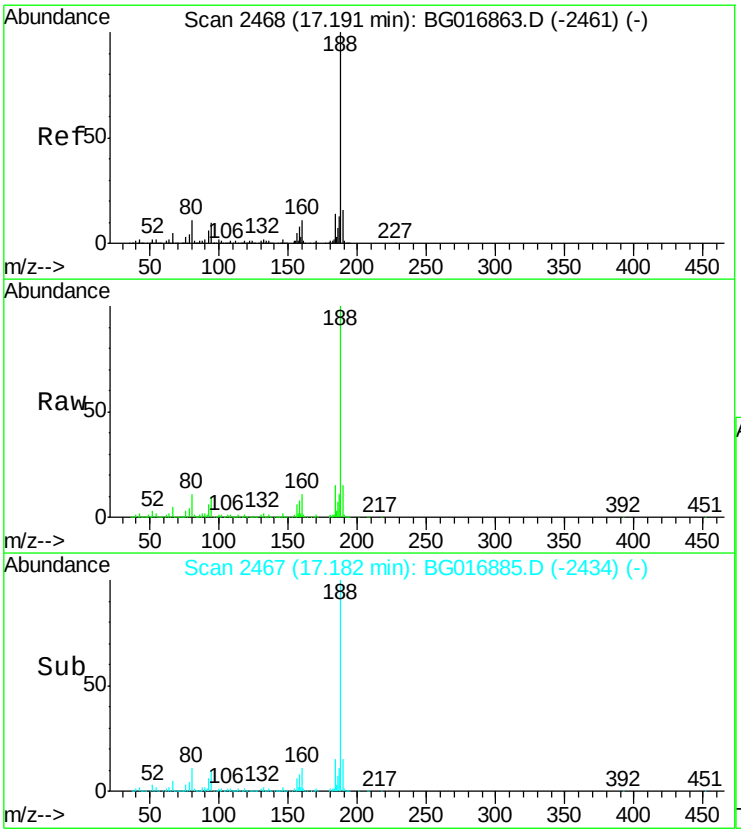

#62
Azobenzene
Concen: 3.01 ng
RT: 15.80 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

**Instrument :**
BNA_G
**ClientSampleId :**
GRID-4(12-18)

Tgt Ion: 77 Resp: 51643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 65.2 | 7.4 | 47.4# |
| 105 | 143.7 | 0.0 | 36.6# |
| 51 | 48.1 | 13.4 | 53.4 |

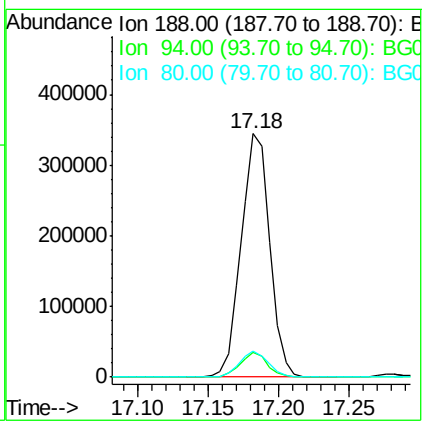


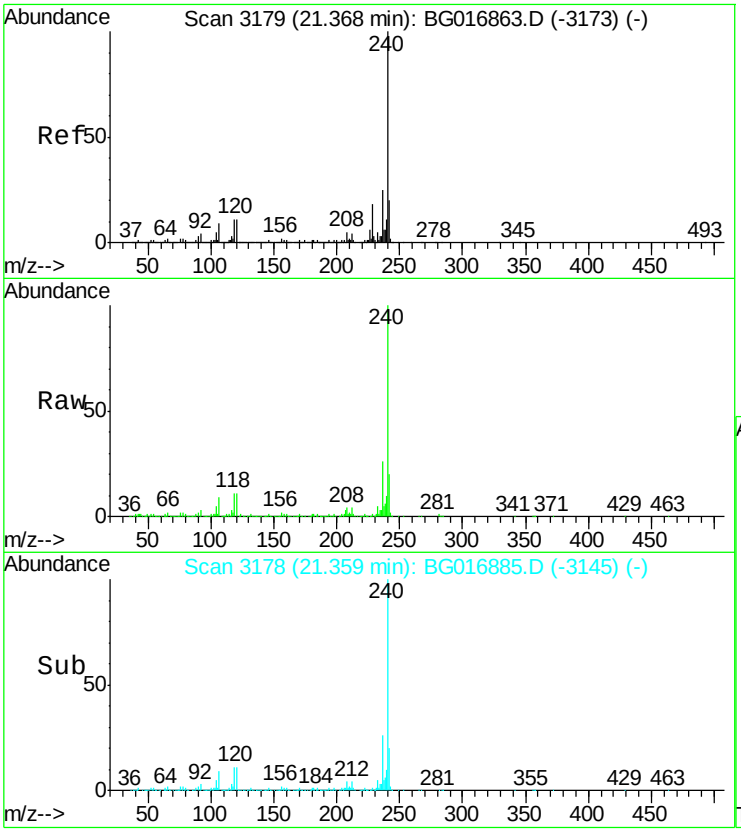




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Tgt Ion:188 Resp: 487724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.3 | 8.2 | 12.4 |
| 80 | 10.6 | 8.8 | 13.2 |



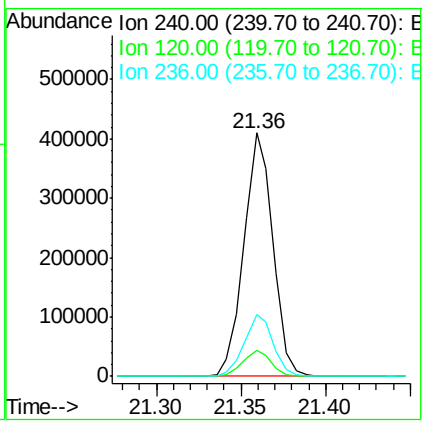


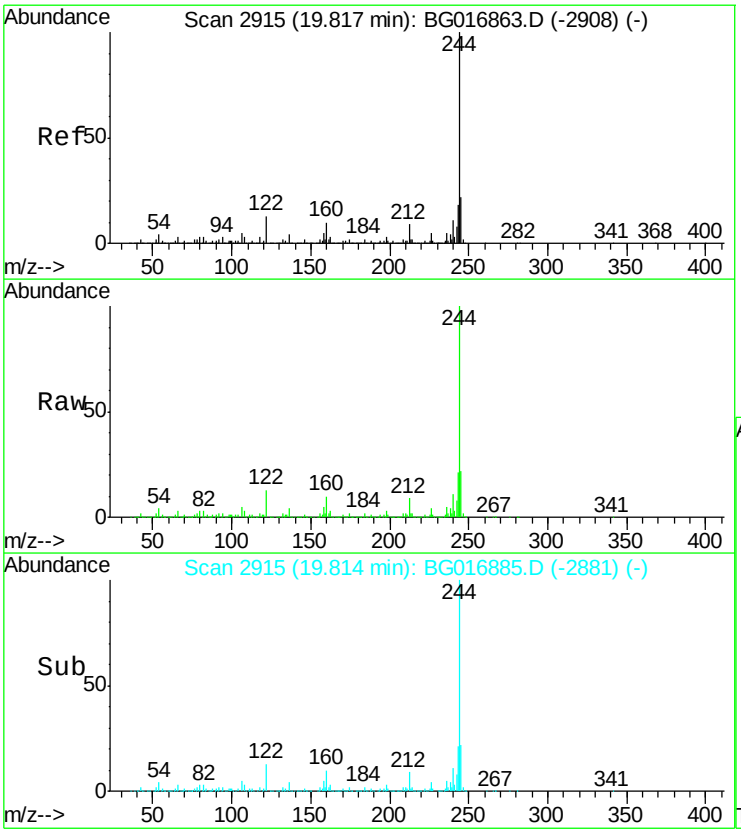

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

**Instrument :**
BNA_G
**ClientSampleId :**
GRID-4(12-18)

Tgt Ion:240 Resp: 490640

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 9.1 | 13.7 |
| 236 | 25.5 | 20.2 | 30.4 |

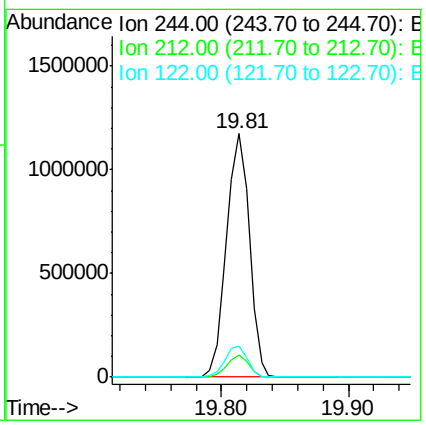


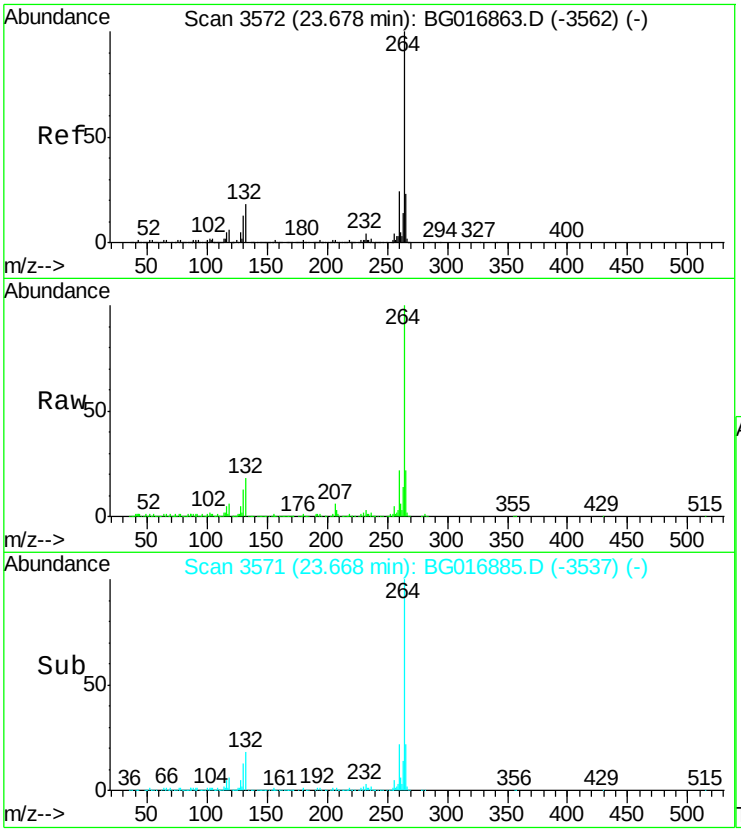




#78
Terphenyl-d14
Concen: 70.15 ng
RT: 19.81 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

Tgt Ion:244 Resp: 1468204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.1 | 7.0 | 10.6 |
| 122 | 12.9 | 10.4 | 15.6 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3571
Delta R.T. -0.00 min
Lab File: BG016885.D
Acq: 6 May 2015 4:22

**Instrument :**
BNA_G
**ClientSampleId :**
GRID-4(12-18)

Tgt Ion:264 Resp: 479123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.0 | 19.5 | 29.3 |
| 265 | 22.0 | 18.5 | 27.7 |