Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091416\
Data File : BG023987.D
Acq On : 14 Sep 2016 18:25
Operator : UM/SJ
Sample : PB93367TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB93367TB

Quant Time: Sep 14 19:10:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.08 | 152 | 41481 | 20.00 | ng | -0.03 |
| 21) Naphthalene-d8 | 10.91 | 136 | 189544 | 20.00 | ng | -0.02 |
| 38) Acenaphthene-d10 | 14.75 | 164 | 162368 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 17.51 | 188 | 379264 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 21.83 | 240 | 397842 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 25.20 | 264 | 364590 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 351708 | 148.86 | ng | -0.02 |
| 7) Phenol-d6 | 7.25 | 99 | 517950 | 142.41 | ng | -0.03 |
| 23) Nitrobenzene-d5 | 9.26 | 82 | 387742 | 91.33 | ng | -0.03 |
| 41) 2,4,6-Tribromophenol | 16.25 | 330 | 310486 | 106.14 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 13.36 | 172 | 832209 | 73.48 | ng | -0.01 |
| 78) Terphenyl-d14 | 20.12 | 244 | 1437522 | 82.29 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Benzyl Alcohol | 8.40 | 79 | 6903 | 2.15 | ng | # 52 |
| 40) Hexachlorocyclopentadiene | 12.94 | 237 | 80 | 7.10 | ng | # 26 |
| 53) 2,4-Dinitrophenol | 14.91 | 184 | 126 | 6.57 | ng | # 10 |

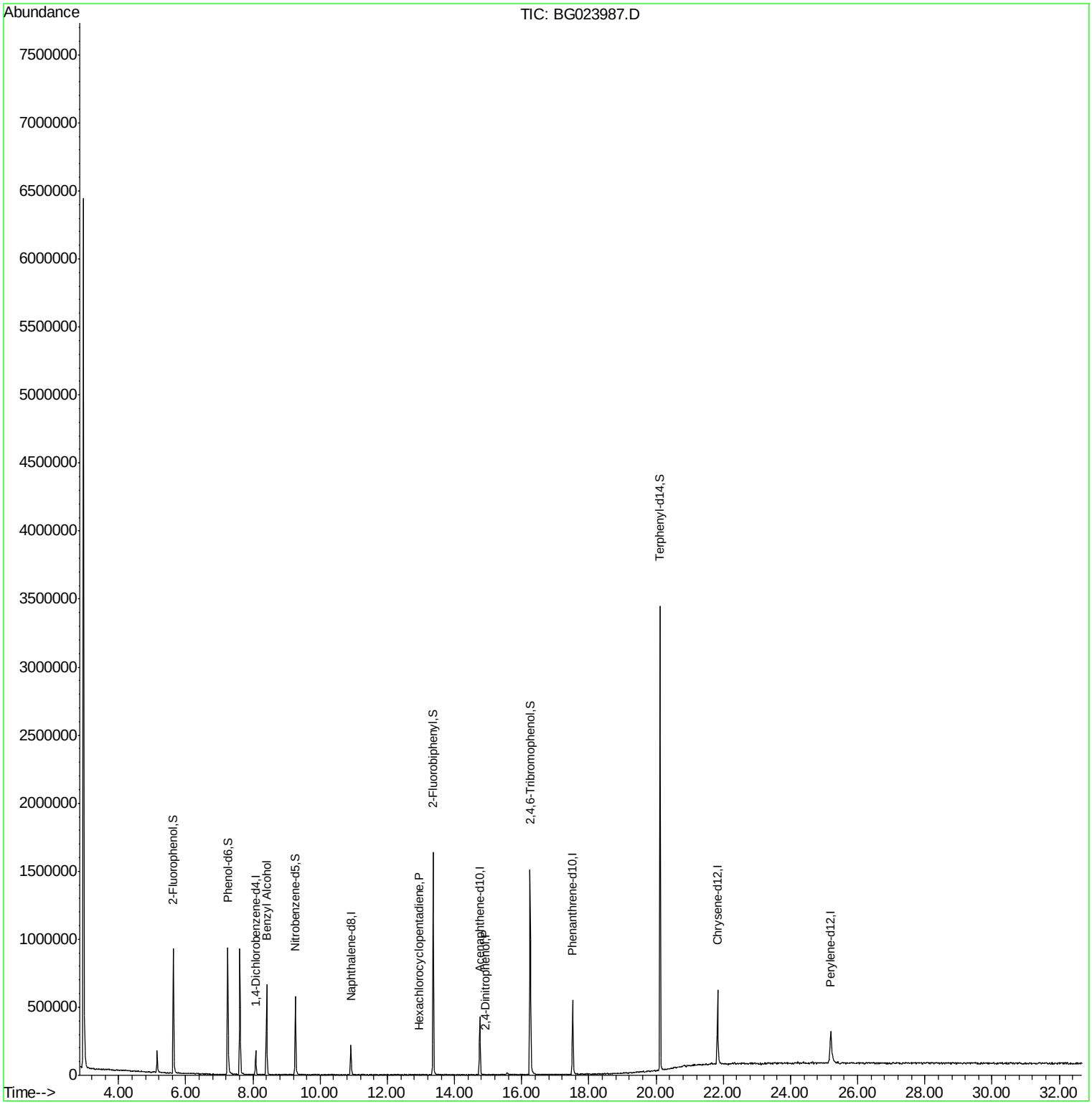
(#) = qualifier out of range (m) = manual integration (+) = signals summed

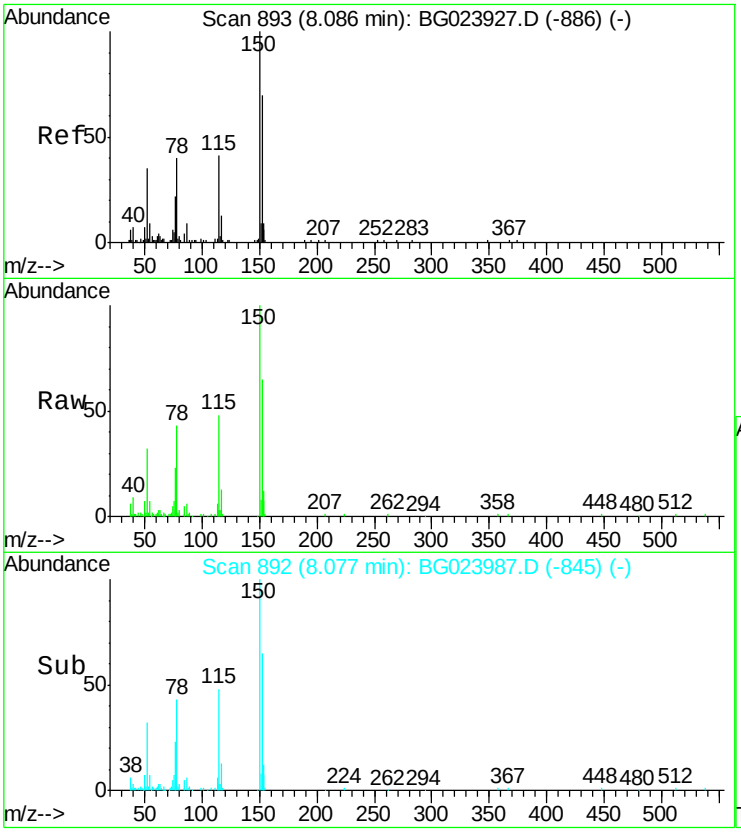
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091416\
Data File : BG023987.D
Acq On : 14 Sep 2016 18:25
Operator : UM/SJ
Sample : PB93367TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB93367TB

Quant Time: Sep 14 19:10:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration



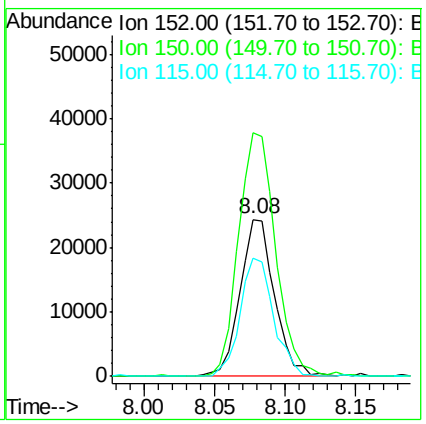


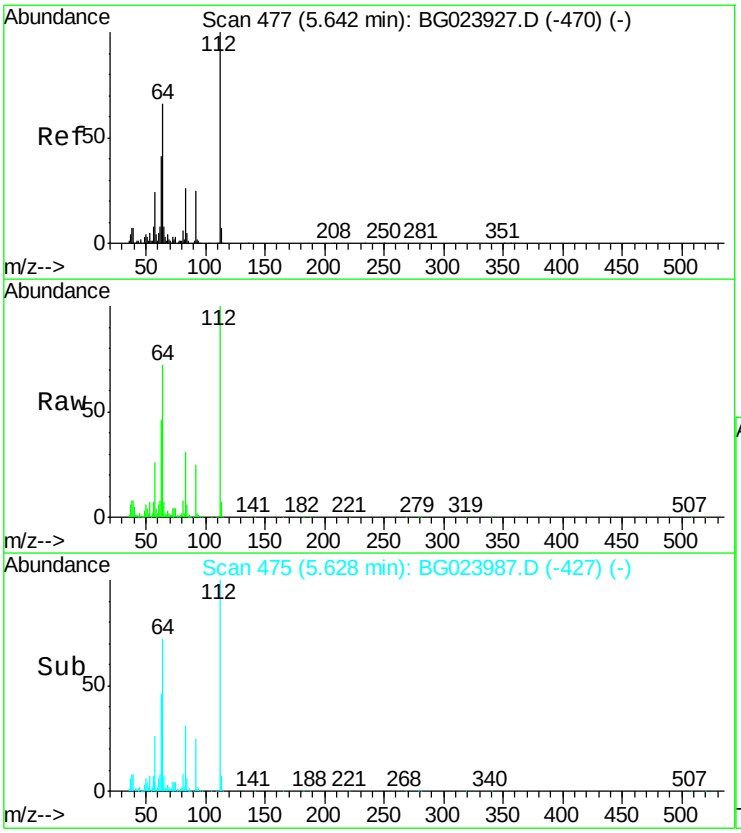

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 892
Delta R.T. -0.03 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

**Instrument :**
BNA_G
**ClientSampleId :**
PB93367TB

Tgt Ion:152 Resp: 41481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.0 | 144.7 | 217.1 |
| 115 | 74.9 | 64.0 | 96.0 |

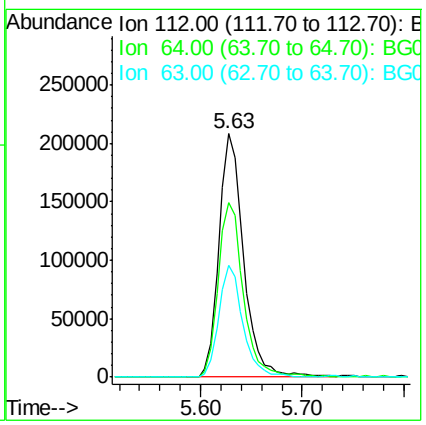


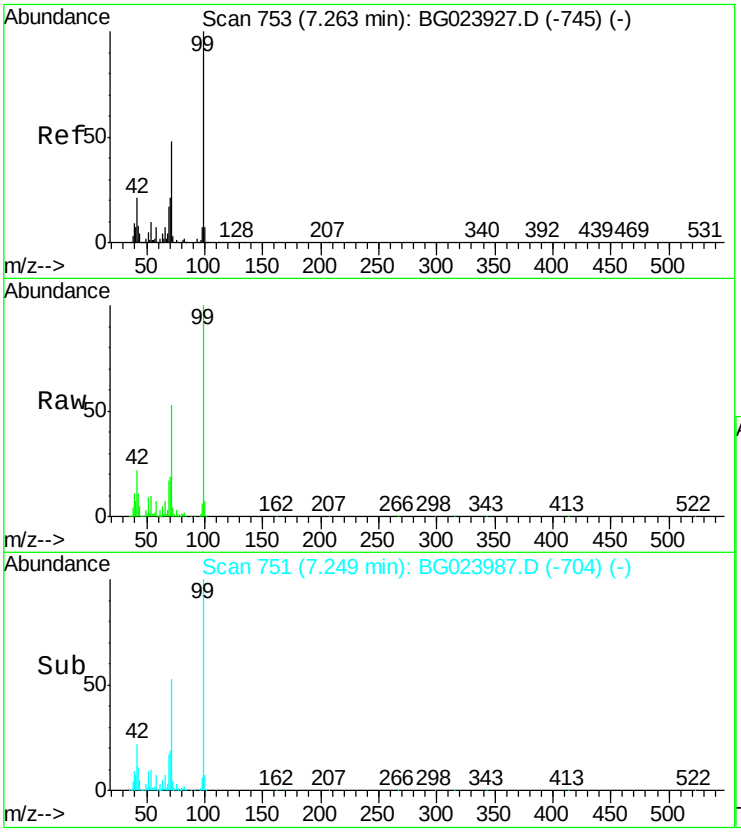




#5
2-Fluorophenol
Concen: 148.86 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.02 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

Tgt Ion:112 Resp: 351708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.9 | 59.0 | 88.4 |
| 63 | 46.0 | 37.8 | 56.8 |



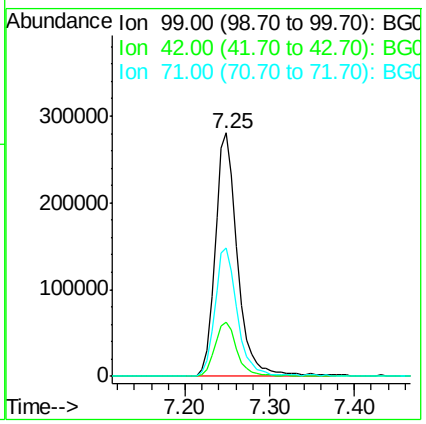


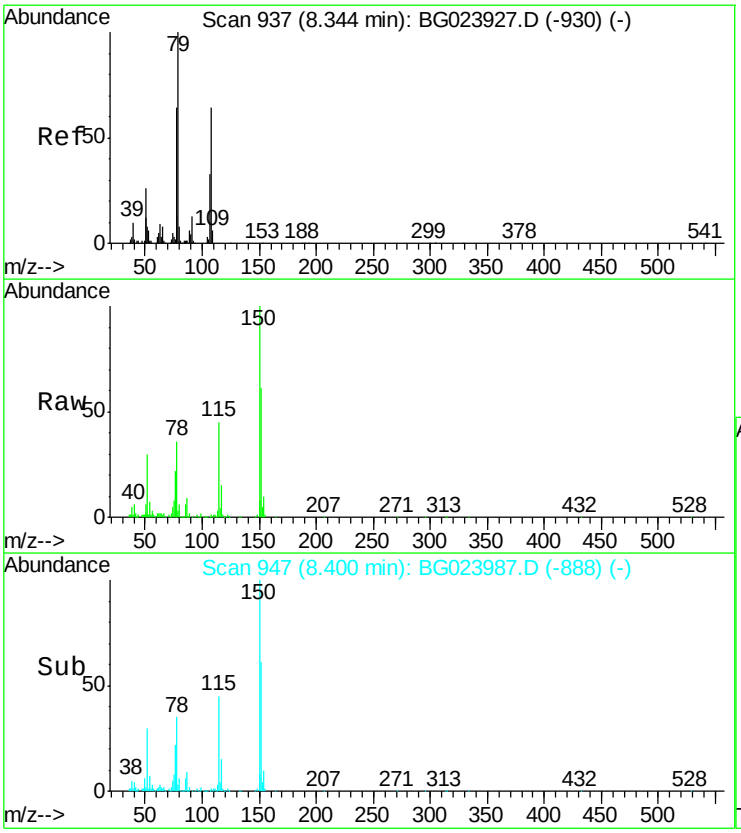

#7
Phenol-d6
Concen: 142.41 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.03 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

**Instrument :**
BNA_G
**ClientSampleId :**
PB93367TB

Tgt Ion: 99 Resp: 517950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.4 | 17.8 | 26.6 |
| 71 | 52.7 | 41.5 | 62.3 |

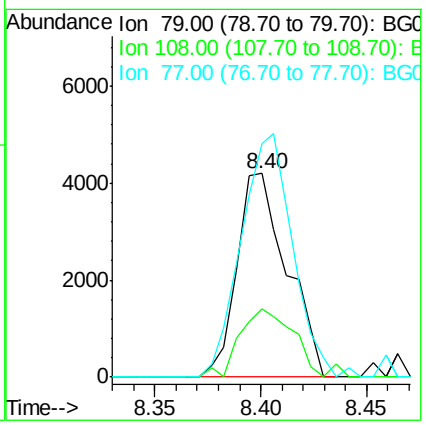


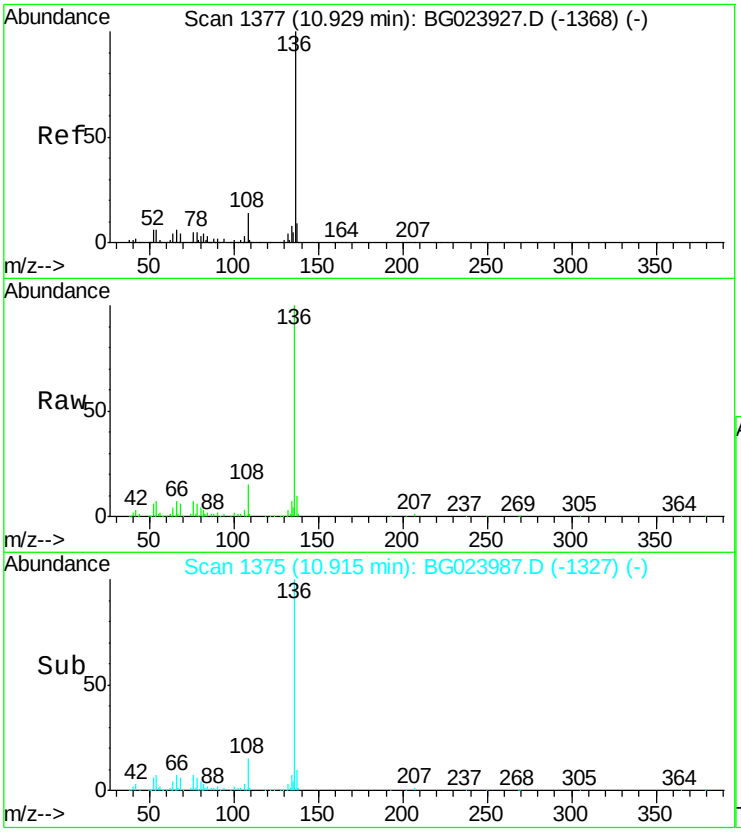




#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 8.40 min Scan# 947
Delta R.T. 0.04 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

Tgt Ion: 79 Resp: 6903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 33.7 | 46.5 | 69.7# |
| 77 | 114.3 | 52.3 | 78.5# |



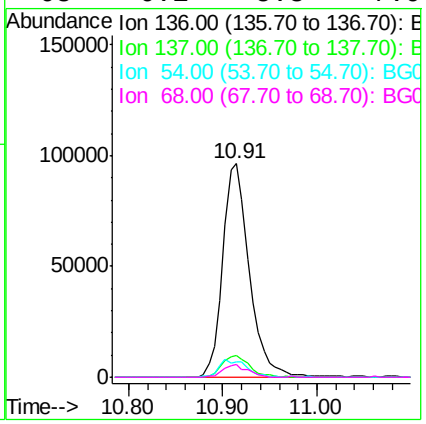


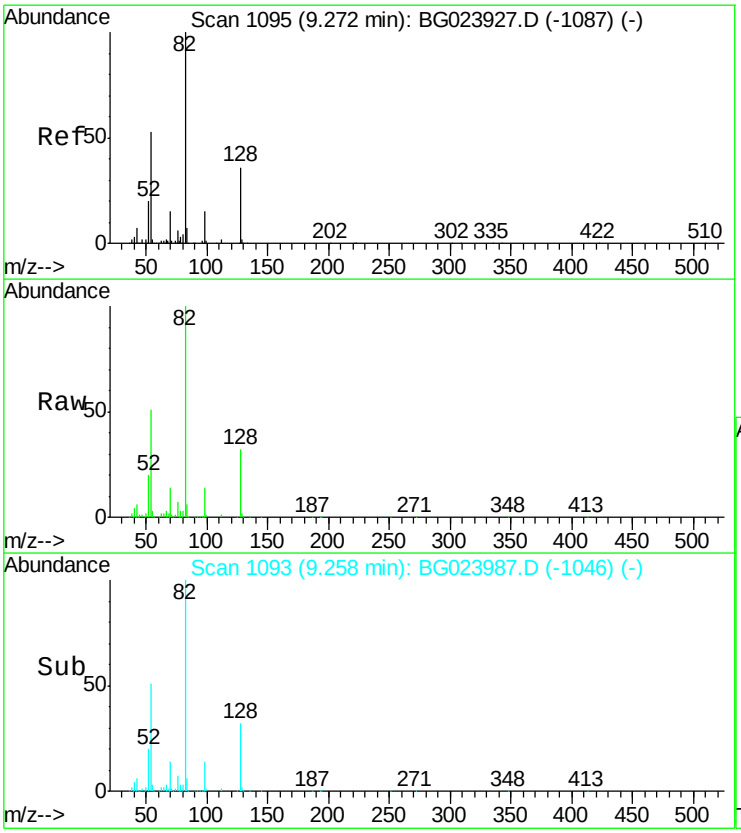

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.91 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

**Instrument :**
BNA_G
**ClientSampleId :**
PB93367TB

Tgt Ion:136 Resp: 189544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.1 | 9.6 | 14.4 |
| 54 | 7.3 | 7.3 | 10.9 |
| 68 | 6.1 | 5.3 | 7.9 |

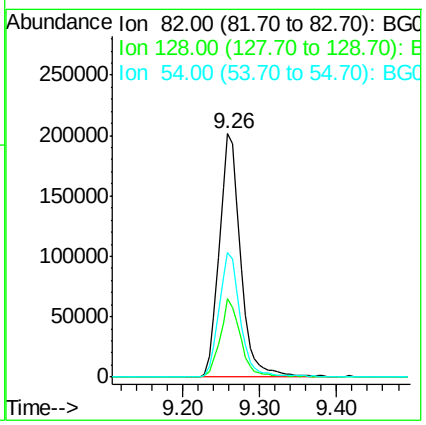


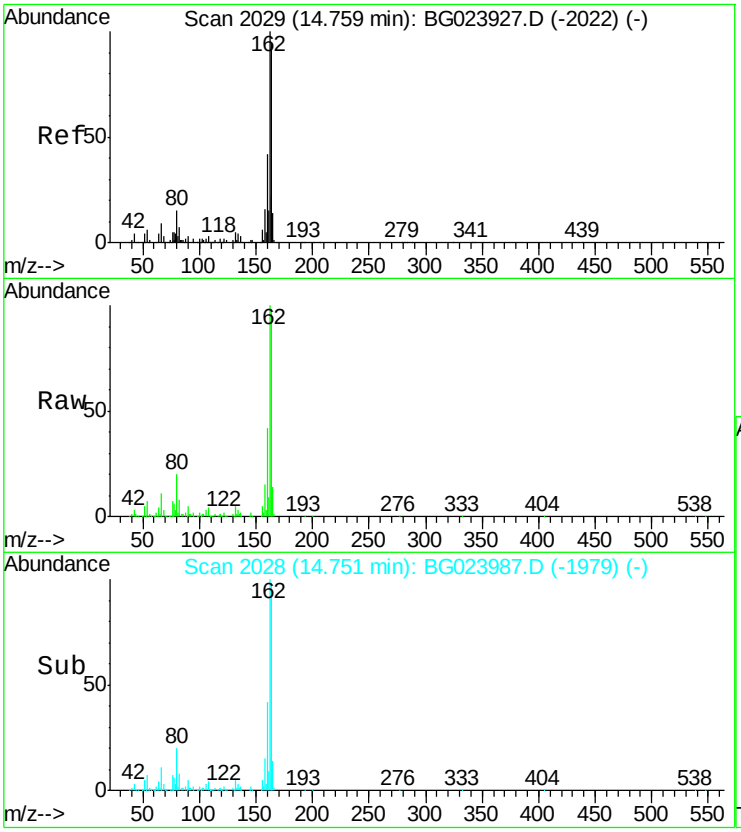




#23
Nitrobenzene-d5
Concen: 91.33 ng
RT: 9.26 min Scan# 1093
Delta R.T. -0.03 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

Tgt Ion: 82 Resp: 387742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 32.1 | 24.4 | 36.6 |
| 54 | 51.0 | 41.4 | 62.0 |



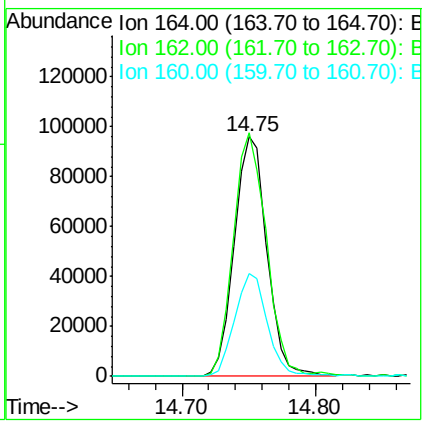


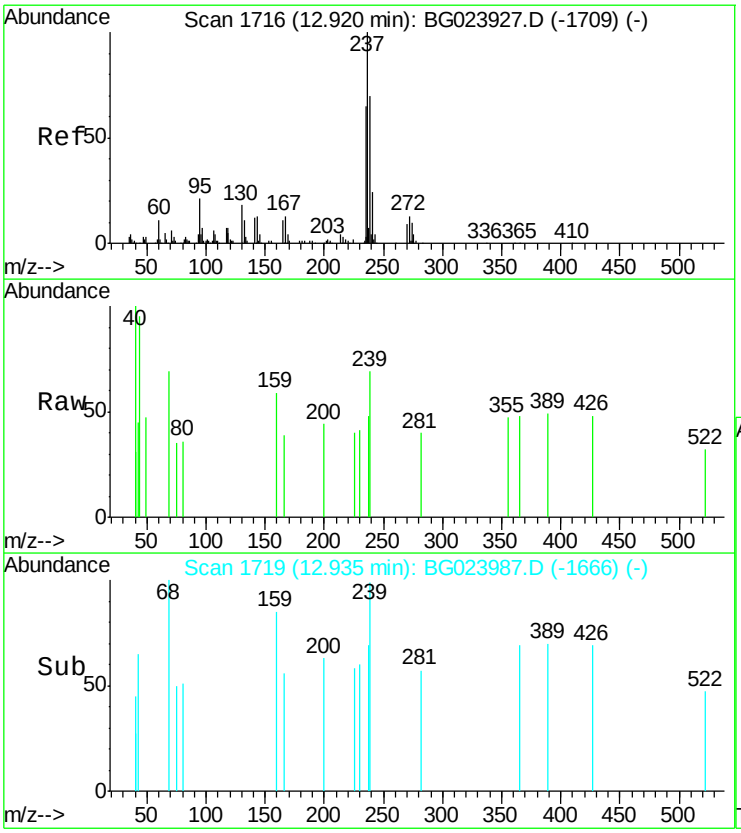

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

**Instrument :**
BNA_G
**ClientSampleId :**
PB93367TB

Tgt Ion:164 Resp: 162368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 87.7 | 131.5 |
| 160 | 42.8 | 37.2 | 55.8 |

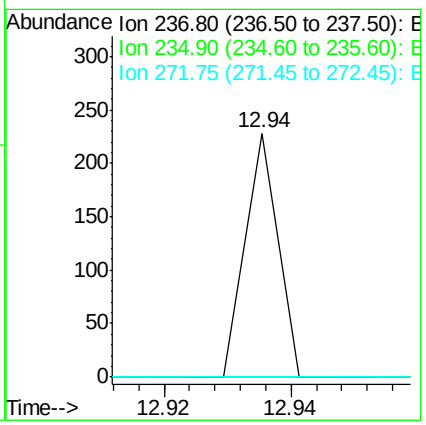


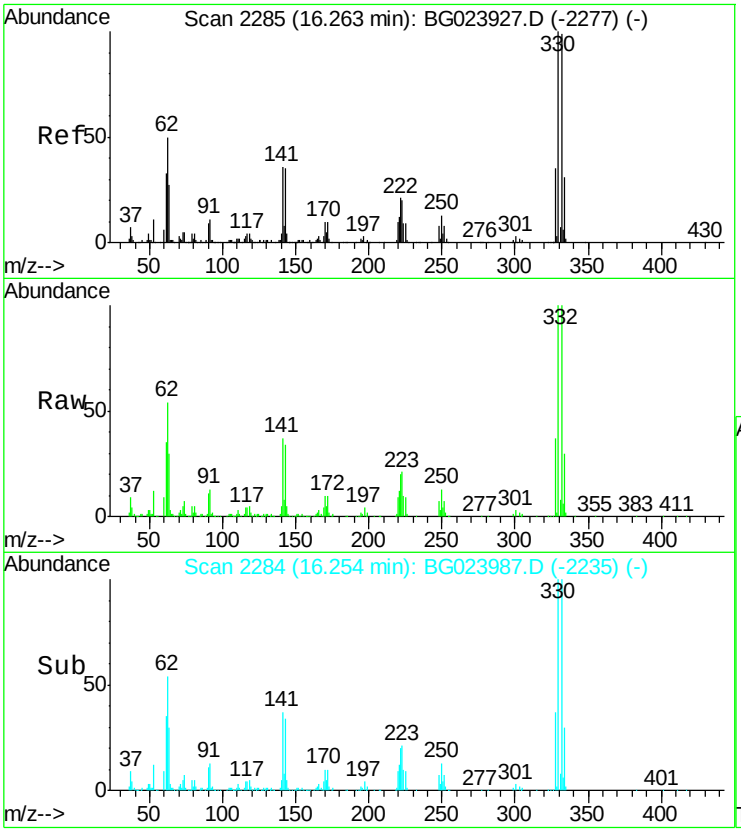




#40
Hexachlorocyclopentadiene
Concen: 7.10 ng
RT: 12.94 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

Tgt Ion:237 Resp: 80

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 0.0 | 43.1 | 83.1# |
| 272 | 0.0 | 0.0 | 30.9 |



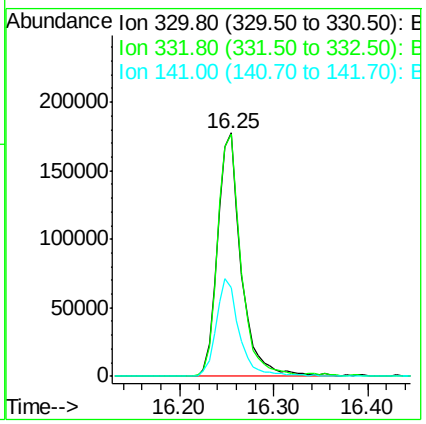


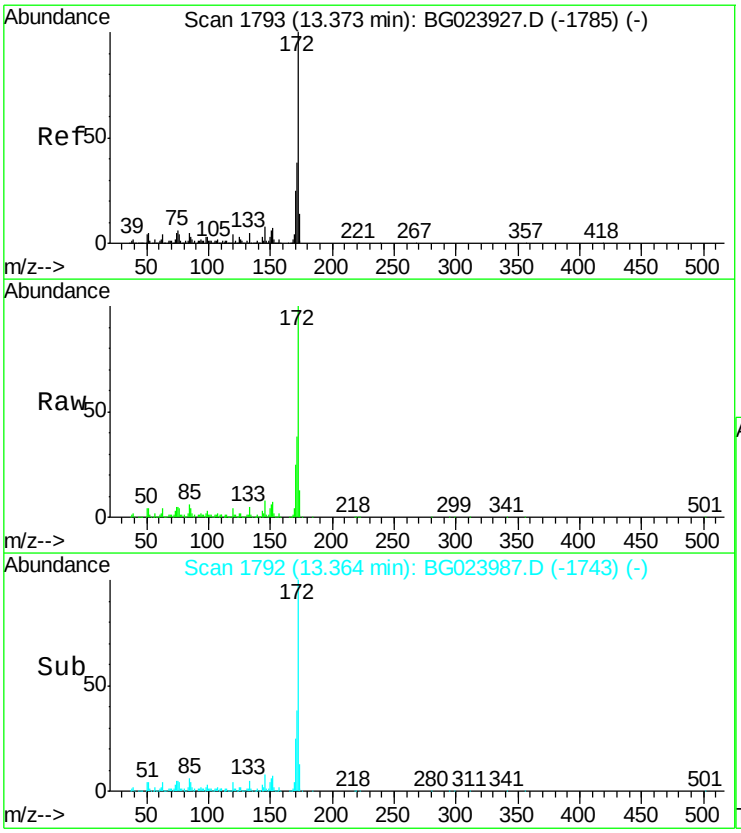

#41
2,4,6-Tribromophenol
Concen: 106.14 ng
RT: 16.25 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

**Instrument :**
BNA_G
**ClientSampleId :**
PB93367TB

Tgt Ion:330 Resp: 310486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.2 | 77.4 | 116.2 |
| 141 | 39.2 | 31.7 | 47.5 |

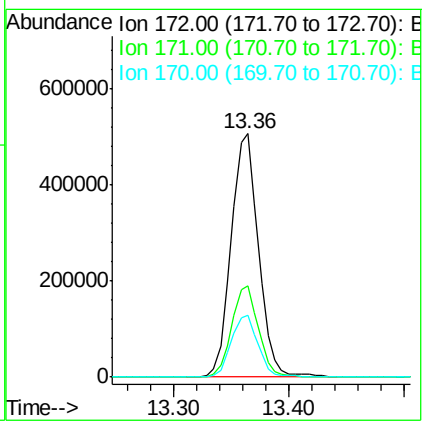


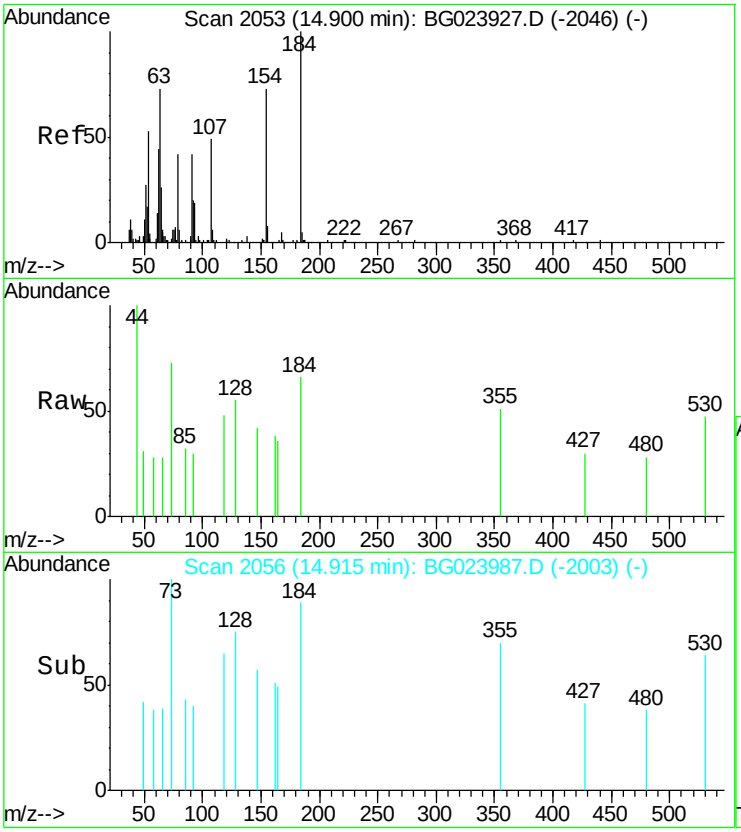




#44
2-Fluorobiphenyl
Concen: 73.48 ng
RT: 13.36 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

Tgt Ion:172 Resp: 832209

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.6 | 31.6 | 47.4 |
| 170 | 25.3 | 21.3 | 31.9 |



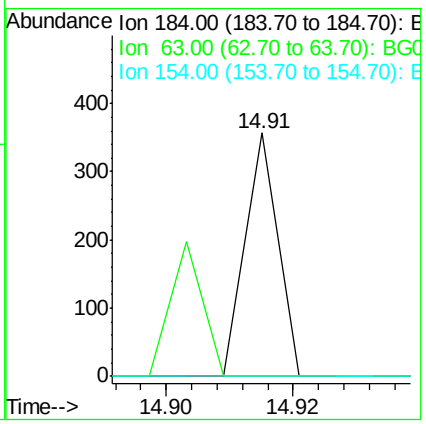


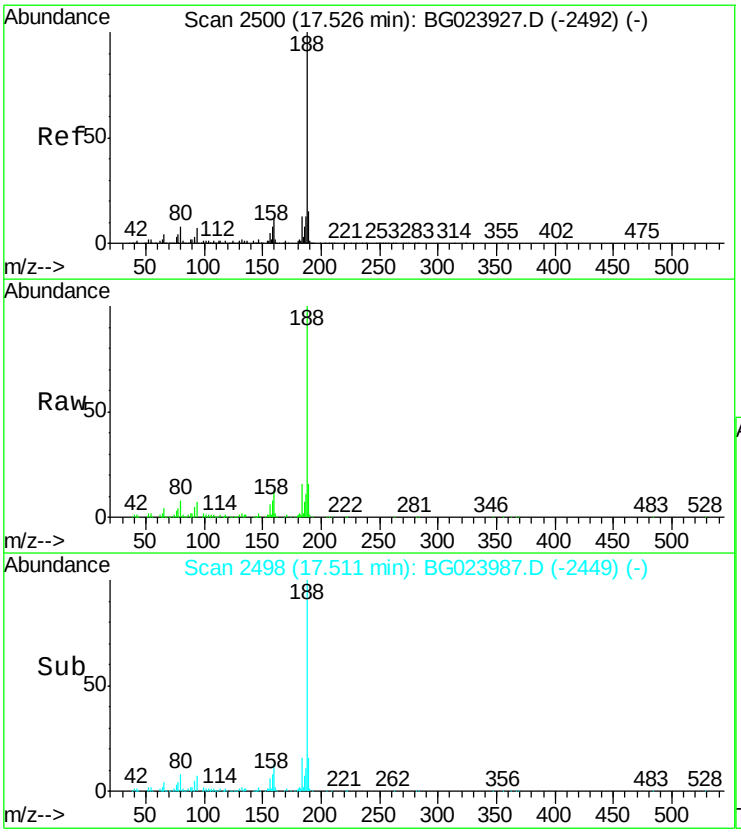

#53
2,4-Dinitrophenol
Concen: 6.57 ng
RT: 14.91 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

**Instrument :**
BNA_G
**ClientSampleId :**
PB93367TB

Tgt Ion:184 Resp: 126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 59.6 | 89.4# |
| 154 | 0.0 | 67.4 | 101.0# |

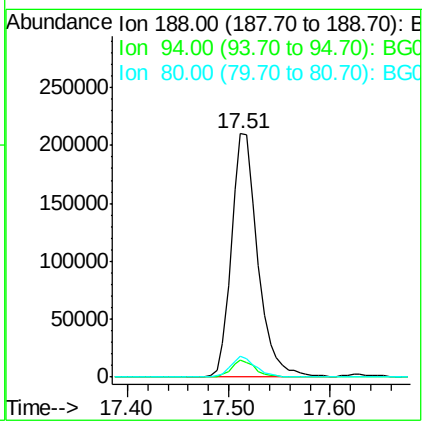


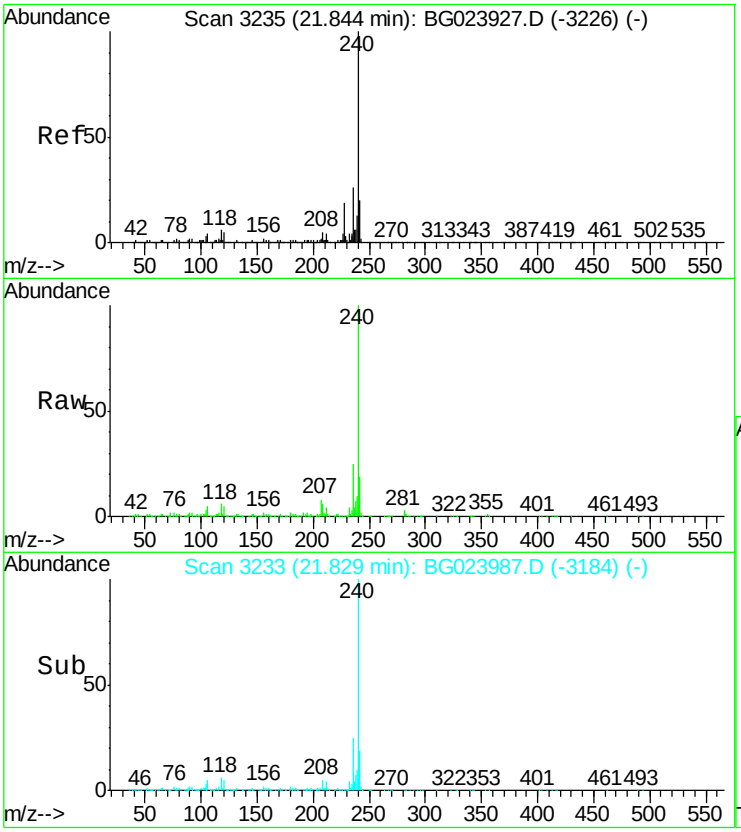




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

Tgt Ion:188 Resp: 379264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.8 | 5.2 | 7.8 |
| 80 | 8.4 | 7.2 | 10.8 |



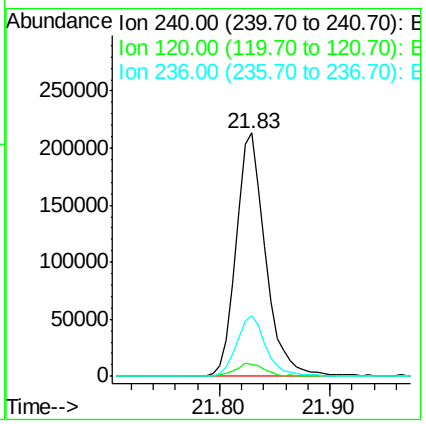


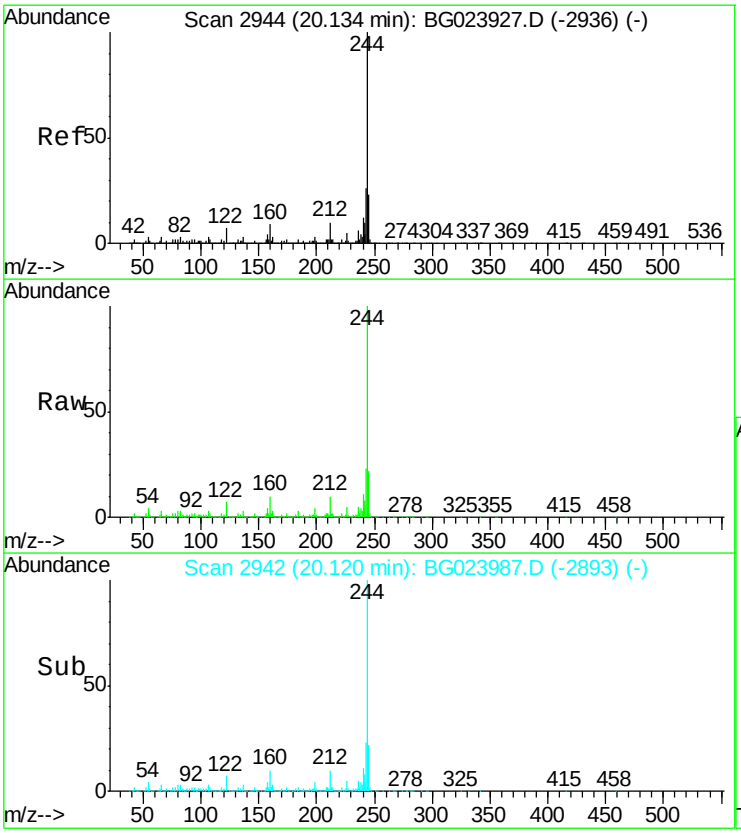

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

**Instrument :**
BNA_G
**ClientSampleId :**
PB93367TB

Tgt Ion:240 Resp: 397842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.0 | 4.1 | 6.1 |
| 236 | 25.0 | 21.1 | 31.7 |

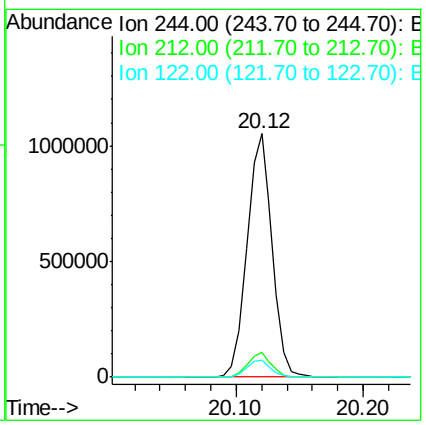


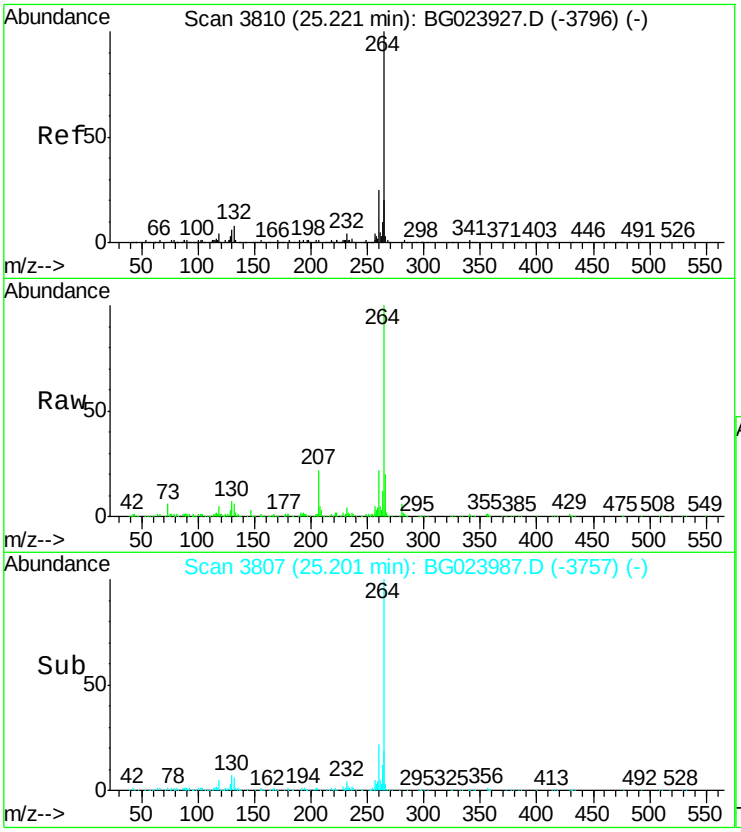




#78
Terphenyl-d14
Concen: 82.29 ng
RT: 20.12 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

Tgt Ion:244 Resp: 1437522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.9 | 10.8 | 16.2# |
| 122 | 7.2 | 8.0 | 12.0# |






#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3807
Delta R.T. -0.01 min
Lab File: BG023987.D
Acq: 14 Sep 2016 18:25

**Instrument :**
BNA_G
**ClientSampleId :**
PB93367TB

Tgt Ion:264 Resp: 364590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 21.9 | 18.4 | 27.6 |
| 265 | 20.2 | 18.9 | 28.3 |