Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
Data File : BG019876.D
Acq On : 3 Dec 2015 18:45
Operator : UM/NP
Sample : G4717-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TW-06

Quant Time: Dec 04 02:51:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.13 | 152 | 29895 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.94 | 136 | 132626 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 14.75 | 164 | 97190 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 17.50 | 188 | 246601 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 21.77 | 240 | 302507 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 25.07 | 264 | 289803 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.66 | 112 | 93382 | 56.46 | ng | 0.00 |
| 7) Phenol-d6 | 7.26 | 99 | 82991 | 33.23 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.29 | 82 | 223800 | 86.12 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.24 | 330 | 183956 | 123.70 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.38 | 172 | 576593 | 81.00 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.10 | 244 | 960475 | 77.44 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |

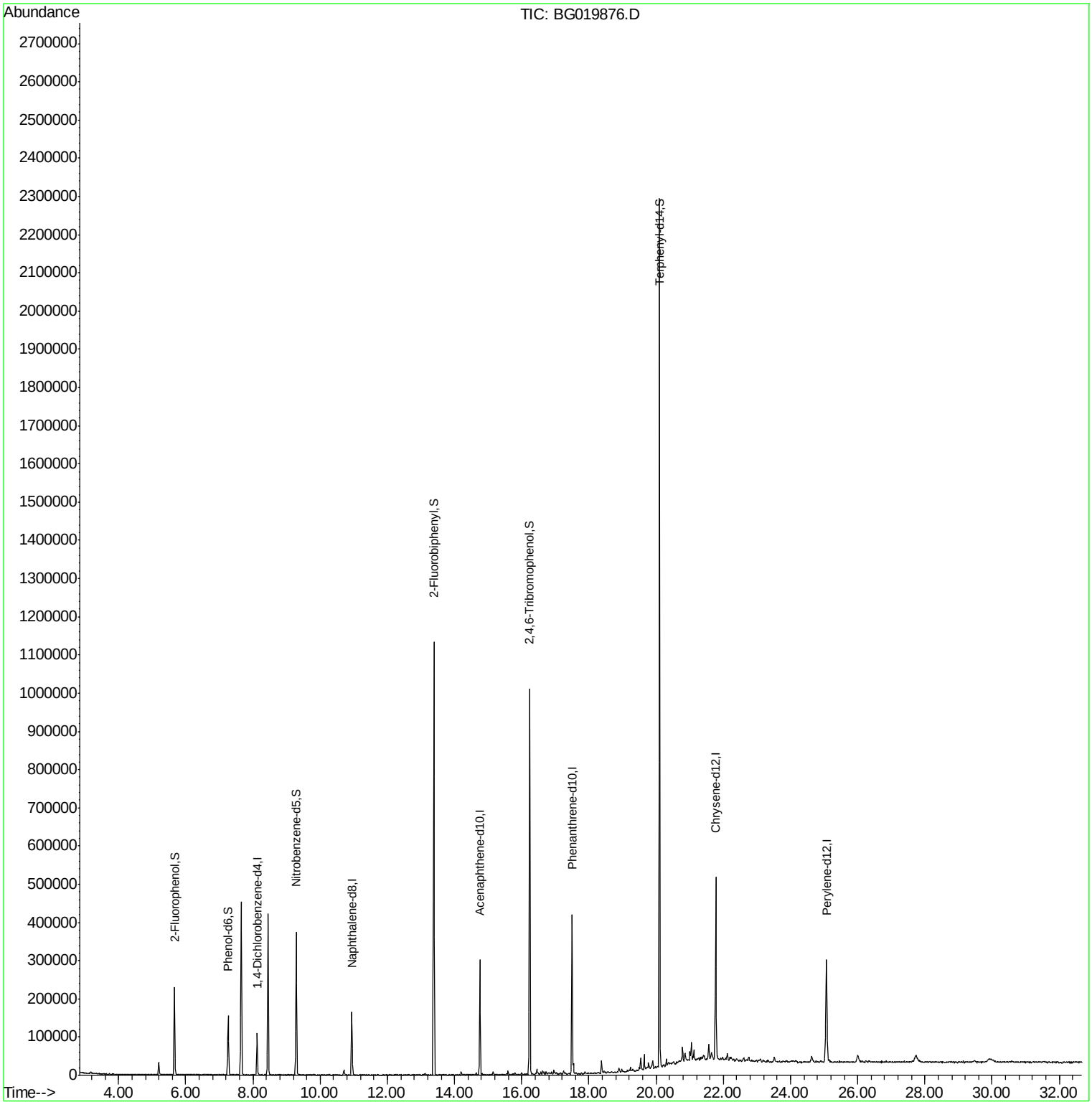
(#) = qualifier out of range (m) = manual integration (+) = signals summed

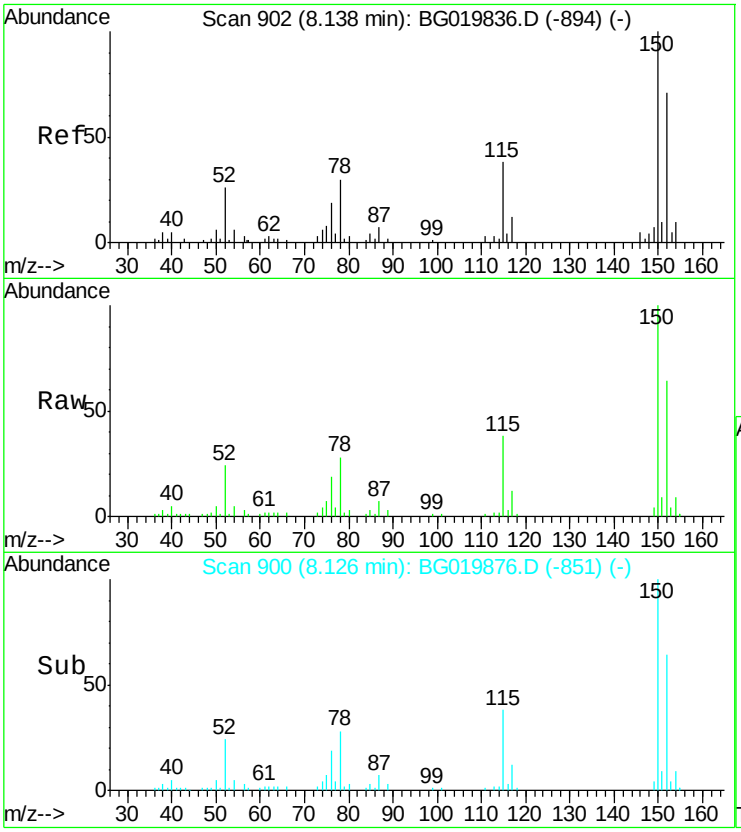
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
Data File : BG019876.D
Acq On : 3 Dec 2015 18:45
Operator : UM/NP
Sample : G4717-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
TW-06

Quant Time: Dec 04 02:51:51 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration



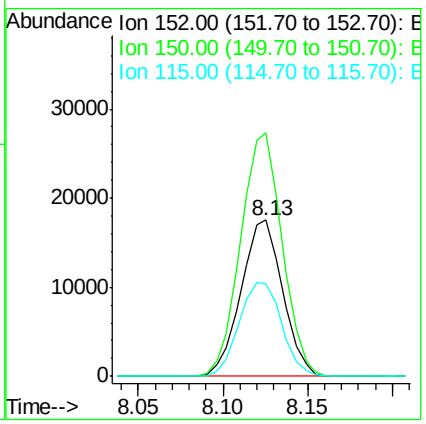


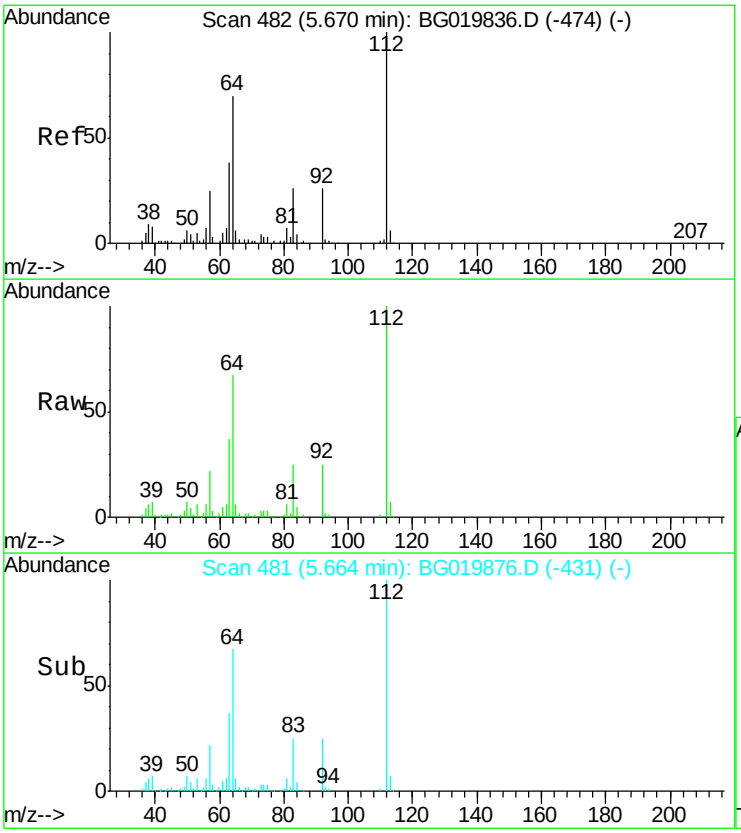

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
TW-06

Tgt Ion:152 Resp: 29895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.9 | 115.0 | 172.4 |
| 115 | 59.0 | 43.9 | 65.9 |

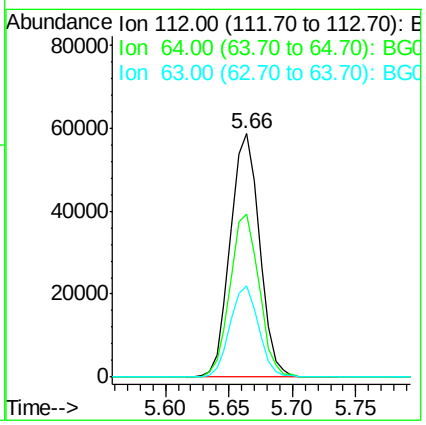


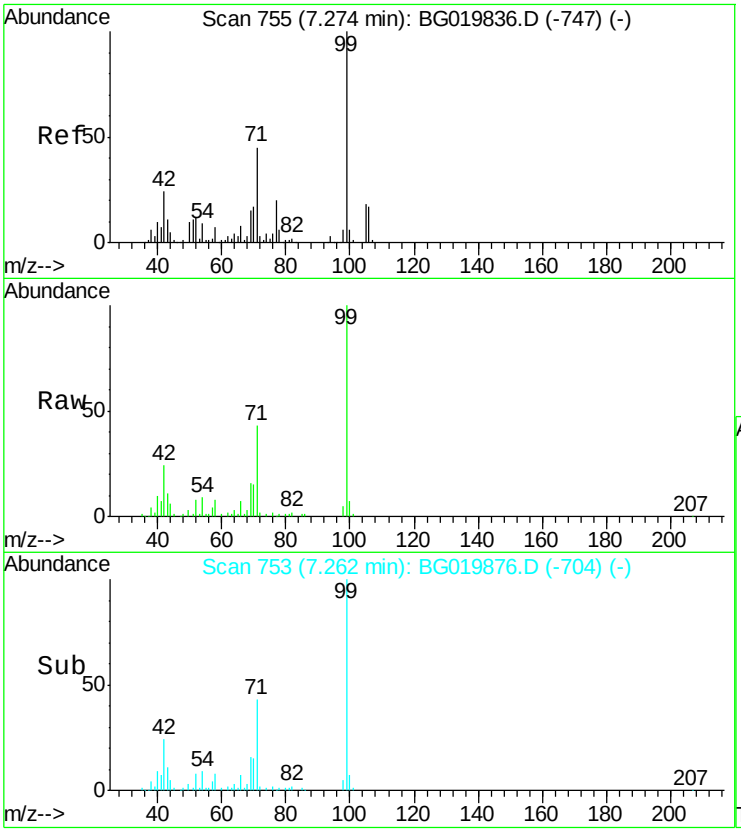




#5
2-Fluorophenol
Concen: 56.46 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Tgt Ion:112 Resp: 93382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.7 | 43.7 | 65.5# |
| 63 | 37.4 | 24.0 | 36.0# |



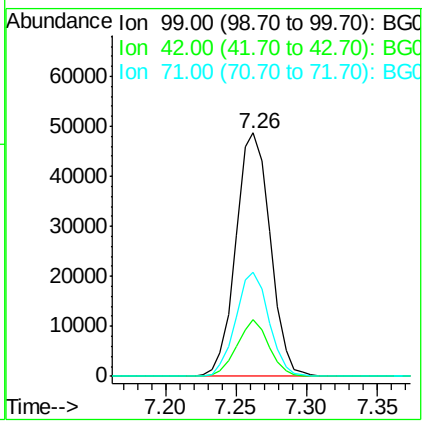


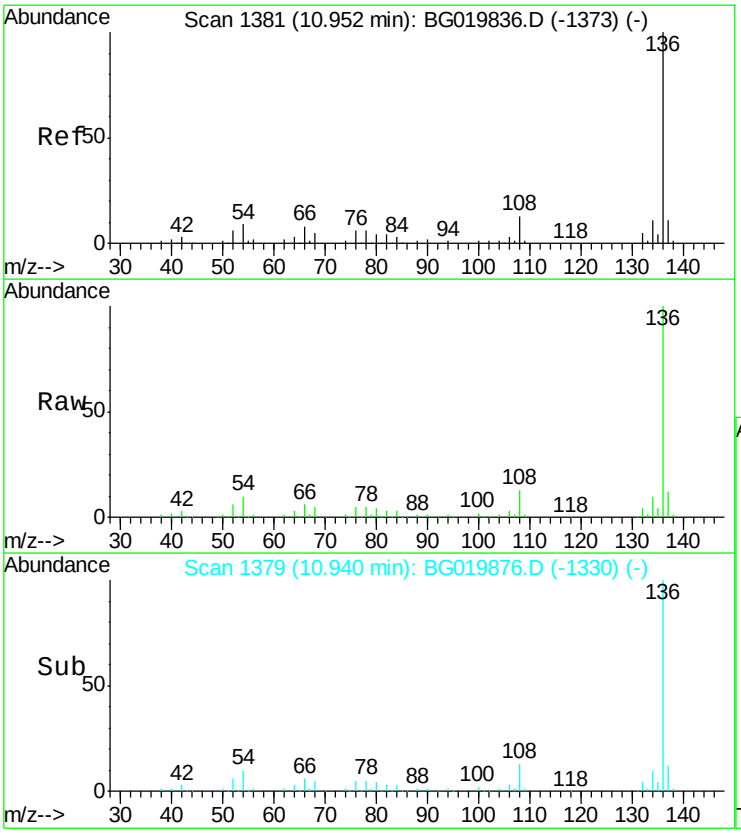

#7
Phenol-d6
Concen: 33.23 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
TW-06

Tgt Ion: 99 Resp: 82991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.5 | 11.5 | 17.3# |
| 71 | 42.8 | 22.6 | 34.0# |

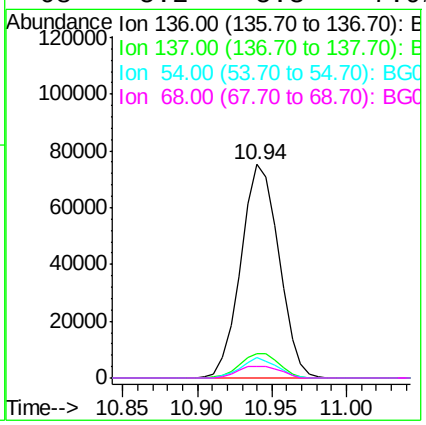


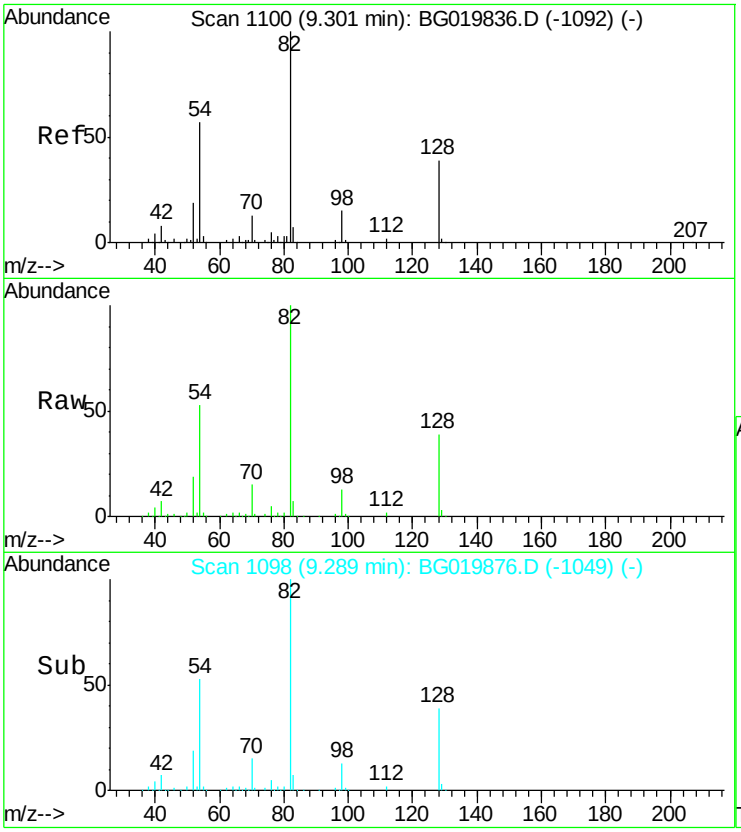




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Tgt Ion:136 Resp: 132626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 8.6 | 12.8 |
| 54 | 9.6 | 5.4 | 8.2# |
| 68 | 5.2 | 5.3 | 7.9# |



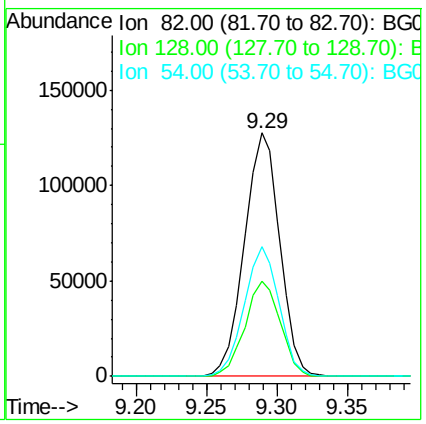


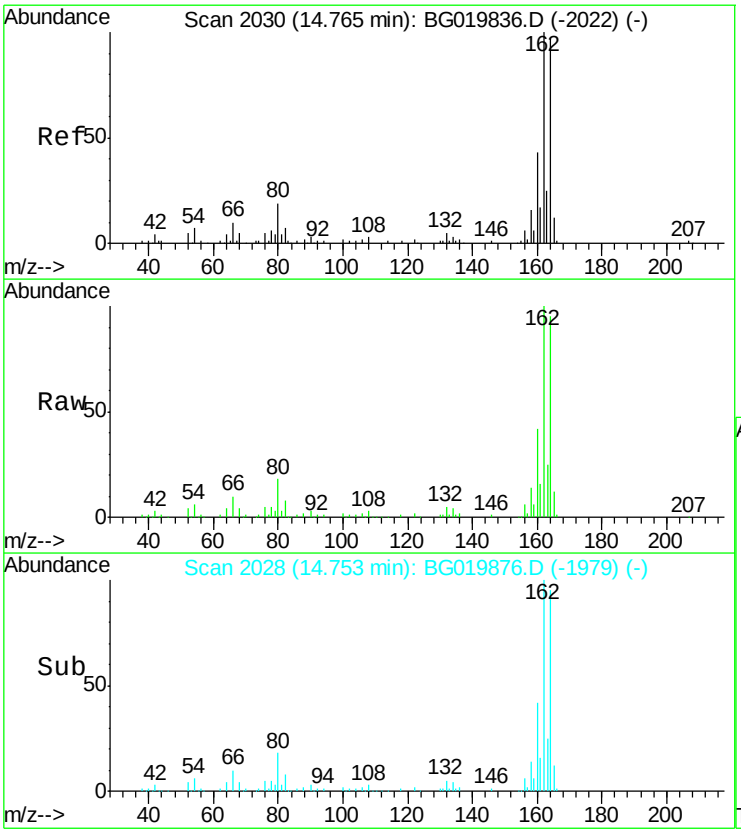

#23
Nitrobenzene-d5
Concen: 86.12 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
TW-06

Tgt Ion: 82 Resp: 223800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.8 | 36.7 | 55.1 |
| 54 | 53.2 | 33.8 | 50.8# |

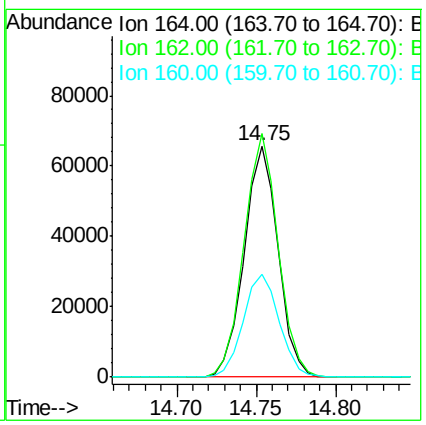


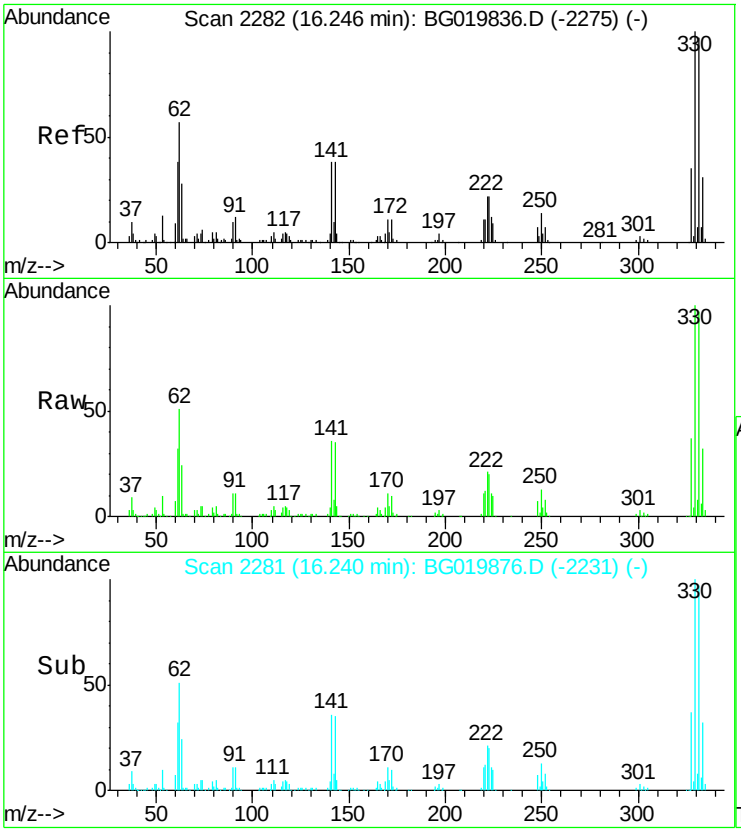




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Tgt Ion:164 Resp: 97190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.3 | 78.8 | 118.2 |
| 160 | 44.7 | 36.4 | 54.6 |



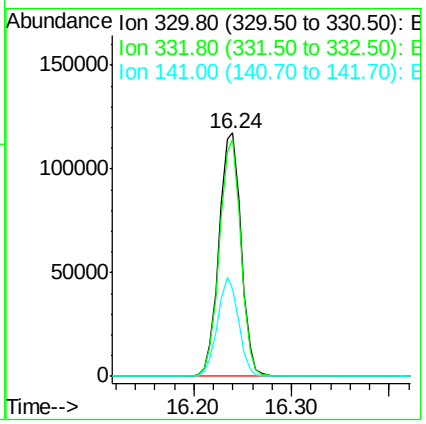


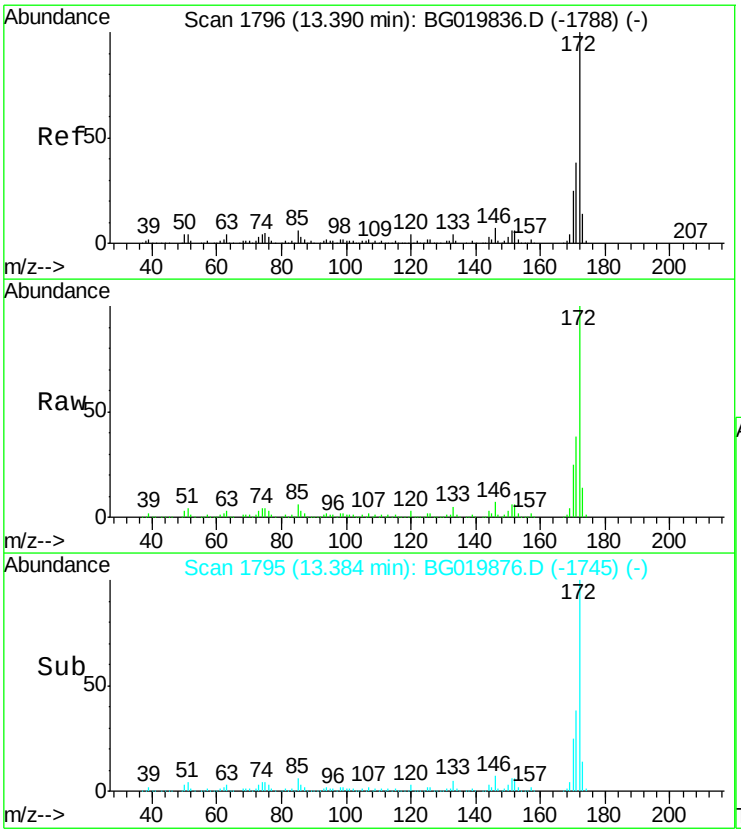

#41
2,4,6-Tribromophenol
Concen: 123.70 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
TW-06

Tgt Ion:330 Resp: 183956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.2 | 78.1 | 117.1 |
| 141 | 38.6 | 28.2 | 42.2 |

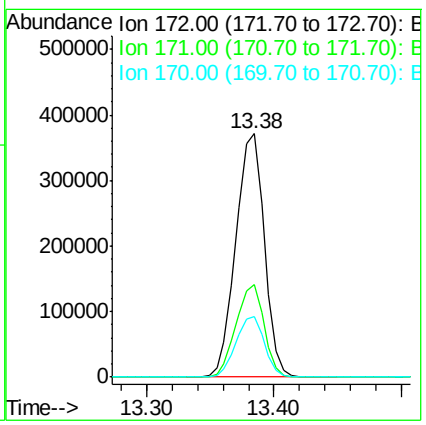


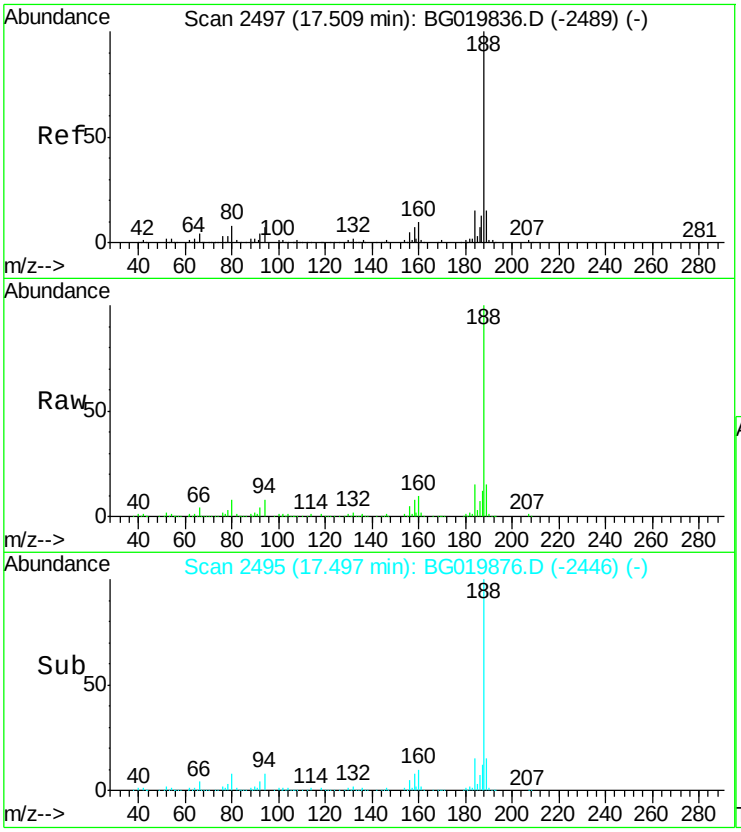




#44
2-Fluorobiphenyl
Concen: 81.00 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Tgt Ion:172 Resp: 576593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.1 | 29.0 | 43.6 |
| 170 | 24.8 | 19.9 | 29.9 |



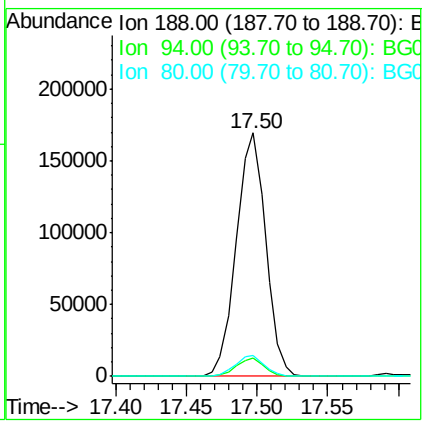


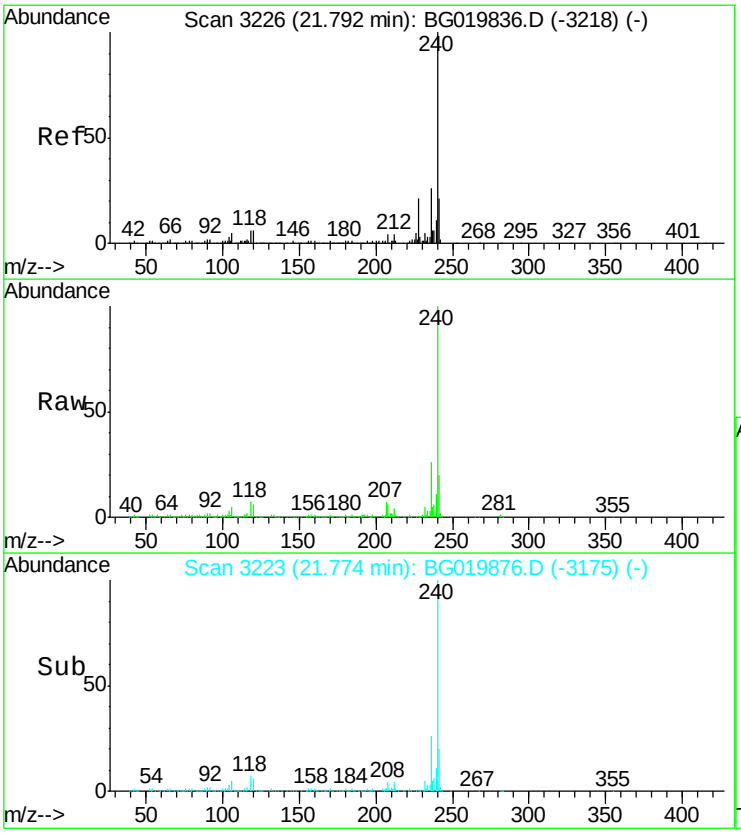

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
TW-06

Tgt Ion:188 Resp: 246601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.6 | 7.7 | 11.5# |
| 80 | 8.5 | 7.8 | 11.8 |

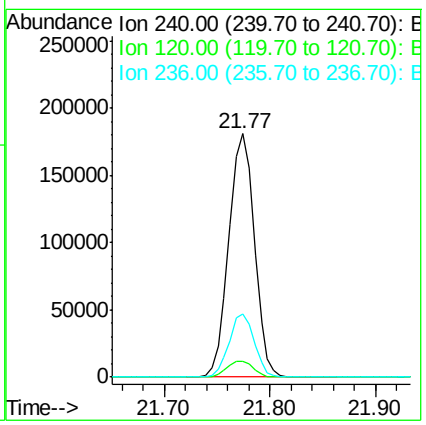


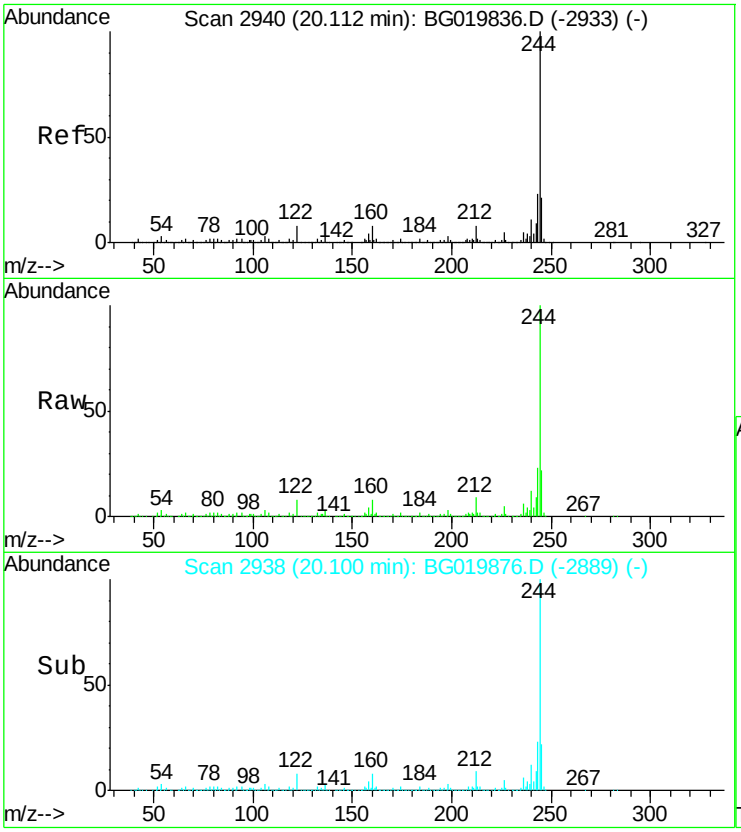




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Tgt Ion:240 Resp: 302507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.4 | 7.4 | 11.0# |
| 236 | 26.0 | 20.7 | 31.1 |



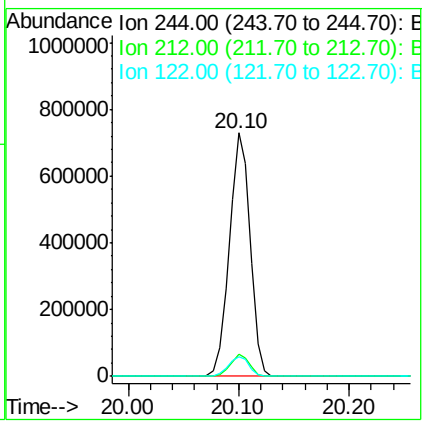


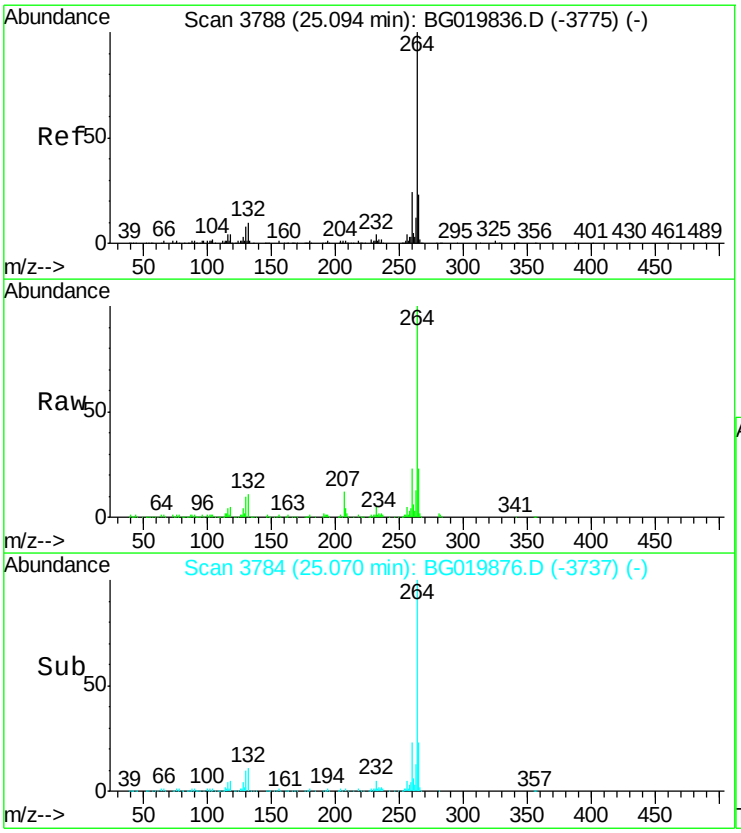

#78
Terphenyl-d14
Concen: 77.44 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

**Instrument :**
BNA_G
**ClientSampleId :**
TW-06

Tgt Ion:244 Resp: 960475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.9 | 6.9 | 10.3 |
| 122 | 8.3 | 10.2 | 15.2# |




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BG019876.D
Acq: 3 Dec 2015 18:45

Tgt Ion:264 Resp: 289803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.5 | 27.7 |
| 265 | 22.8 | 17.2 | 25.8 |