Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
Data File : BG037067.D
Acq On : 29 Sep 2018 2:12
Operator : JU/SJ
Sample : PB113331BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB113331BL

Quant Time: Sep 29 06:44:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 45123 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.84 | 136 | 186120 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 14.67 | 164 | 114033 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.41 | 188 | 296180 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.67 | 240 | 316318 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 24.88 | 264 | 299809 | 20.00 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.62 | 112 | 293216 | 124.62 | ng | 0.00 |
| 7) Phenol-d6 | 7.20 | 99 | 395173 | 108.56 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.20 | 82 | 263423 | 75.79 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.15 | 330 | 141206 | 103.50 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 13.28 | 172 | 572346 | 74.75 | ng | -0.01 |
| 78) Terphenyl-d14 | 20.02 | 244 | 986130 | 81.98 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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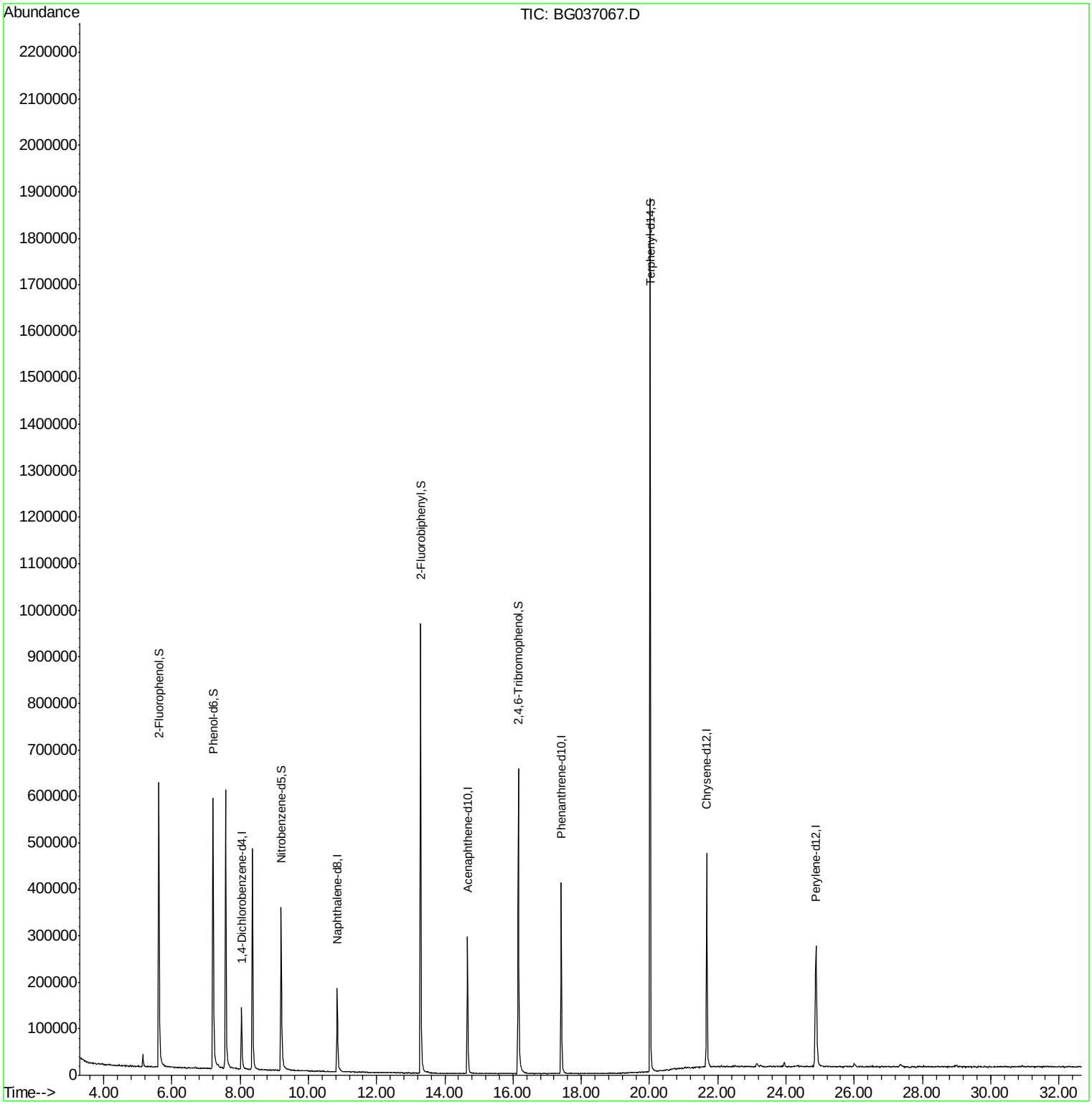
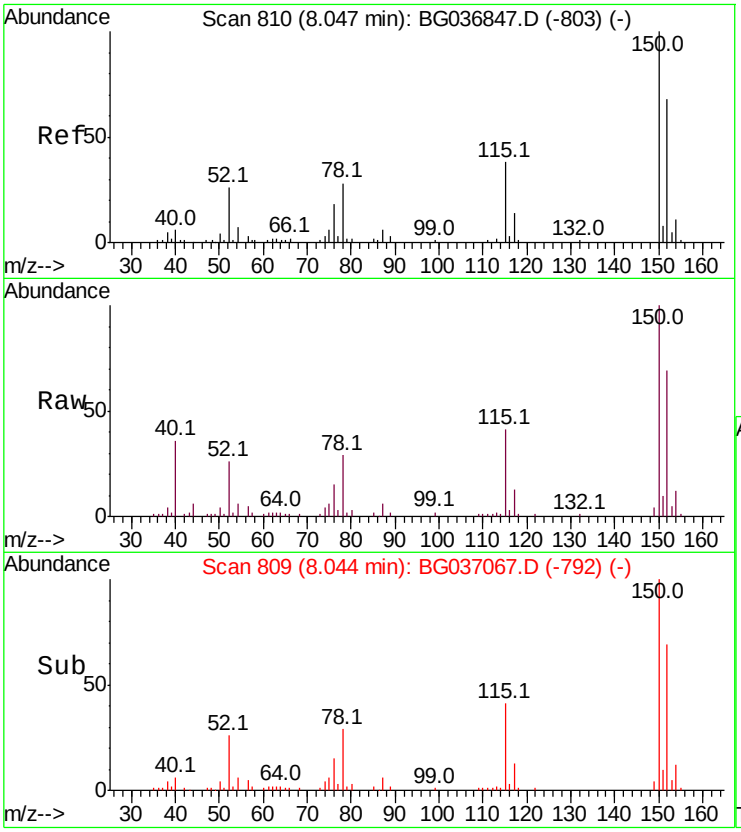


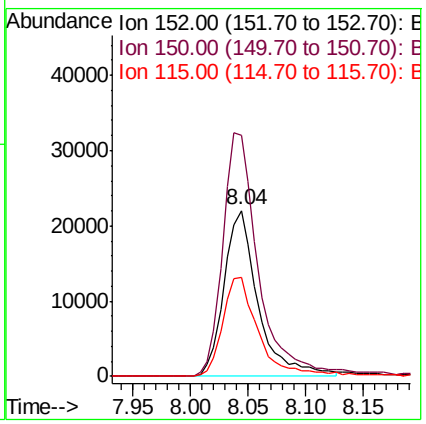


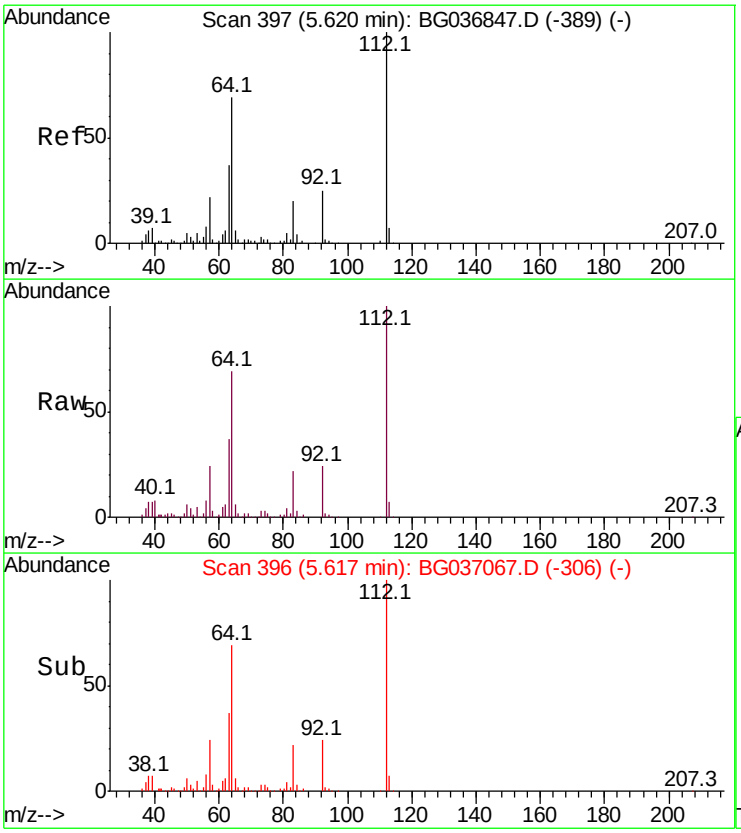

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB113331BL

Tgt Ion:152 Resp: 45123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 145.6 | 119.5 | 179.3 |
| 115 | 59.5 | 44.5 | 66.7 |

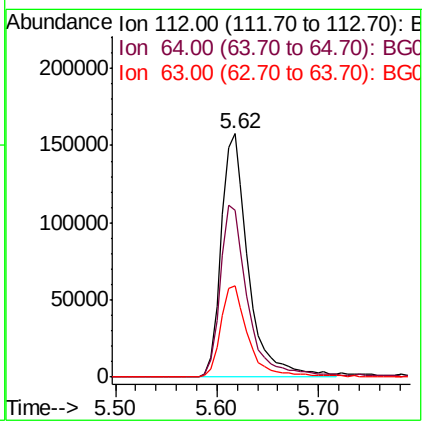


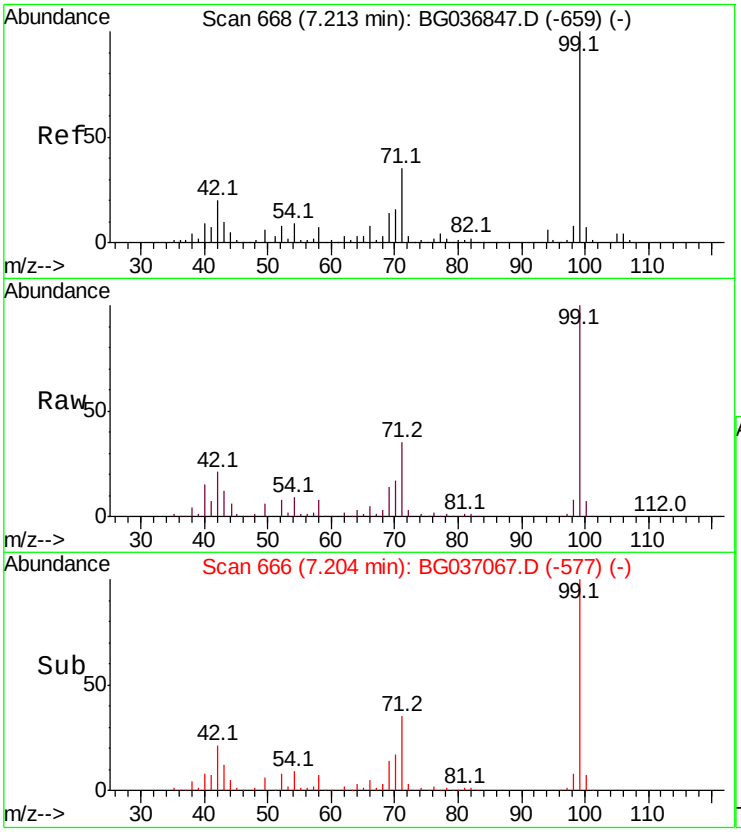




#5
2-Fluorophenol
Concen: 124.620 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

Tgt Ion:112 Resp: 293216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.7 | 57.2 | 85.8 |
| 63 | 37.4 | 30.8 | 46.2 |



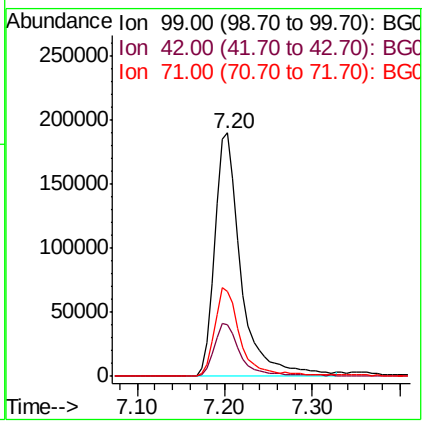


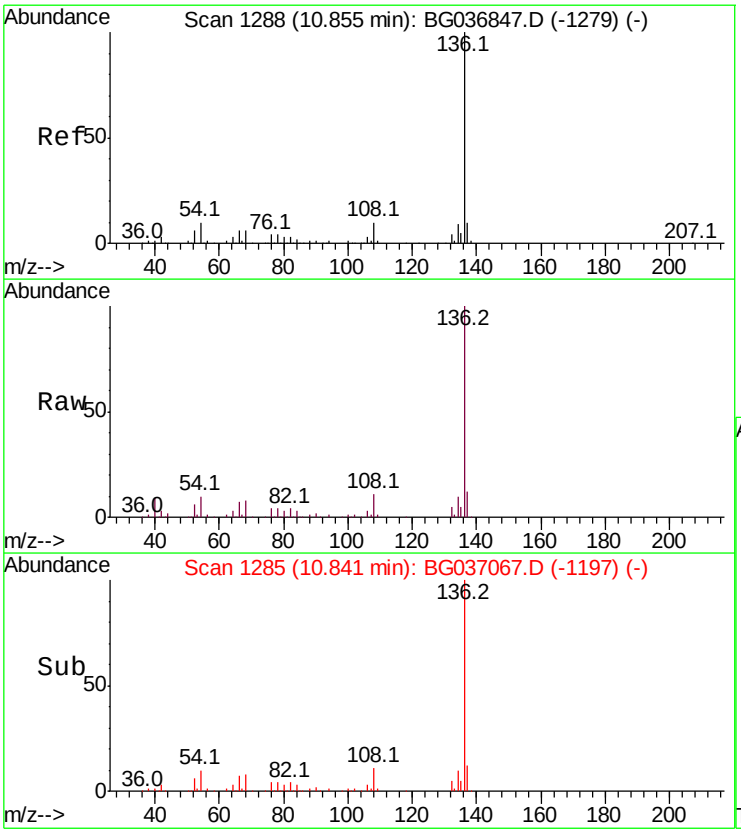

#7
Phenol-d6
Concen: 108.555 ng
RT: 7.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB113331BL

Tgt Ion: 99 Resp: 395173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.3 | 16.5 | 24.7 |
| 71 | 35.0 | 29.4 | 44.2 |

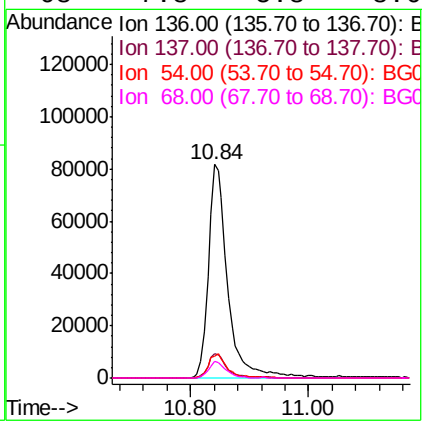


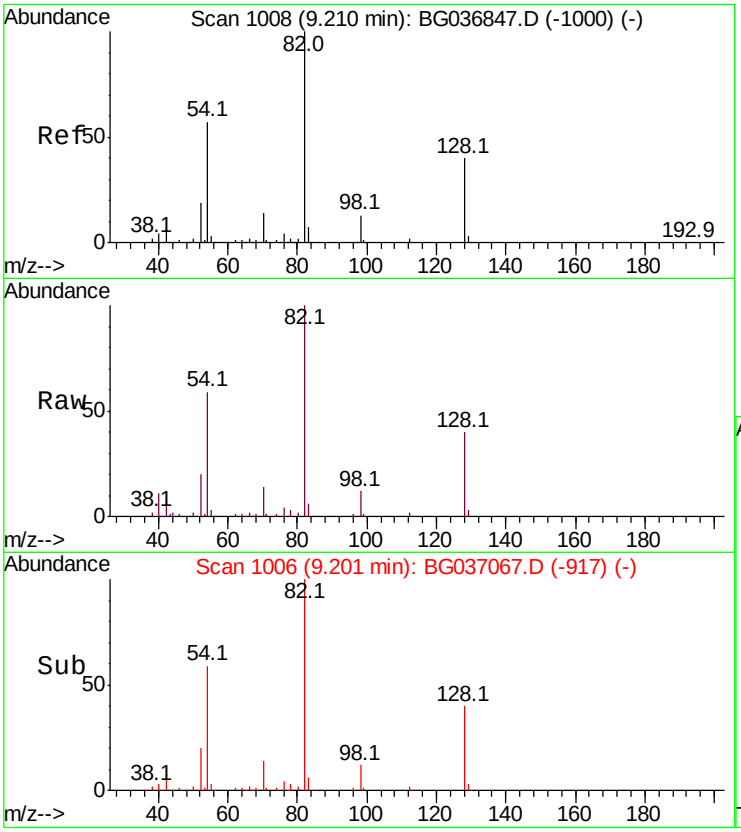




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

Tgt Ion:136 Resp: 186120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 8.8 | 13.2 |
| 54 | 10.1 | 9.2 | 13.8 |
| 68 | 7.8 | 5.8 | 8.6 |



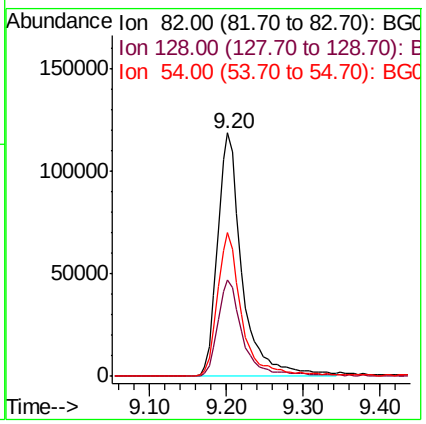


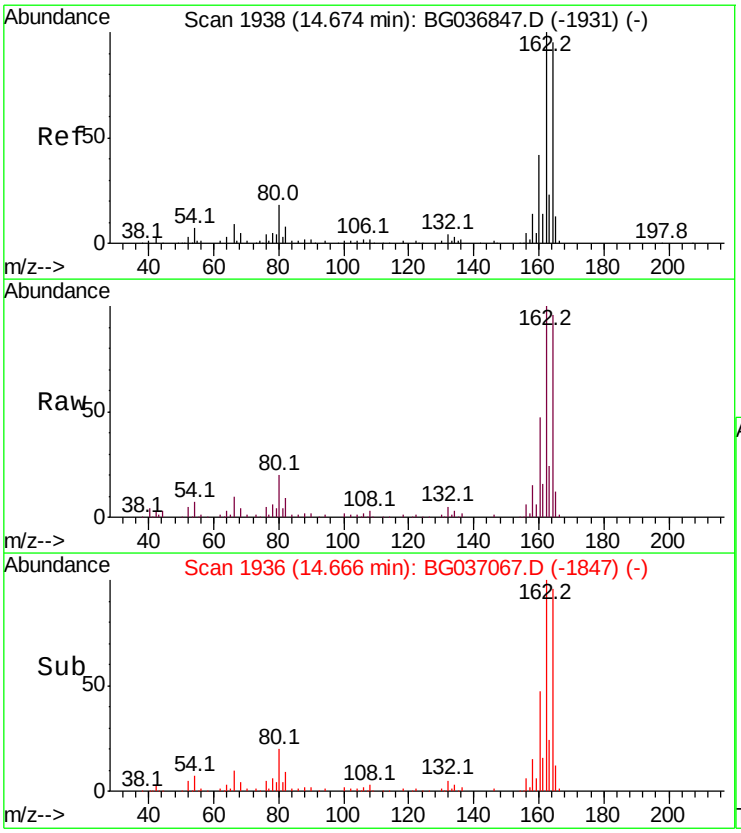

#23
Nitrobenzene-d5
Concen: 75.793 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB113331BL

Tgt Ion: 82 Resp: 263423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.6 | 33.3 | 49.9 |
| 54 | 58.8 | 45.1 | 67.7 |

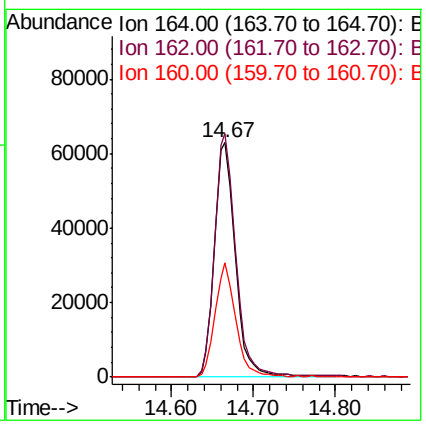


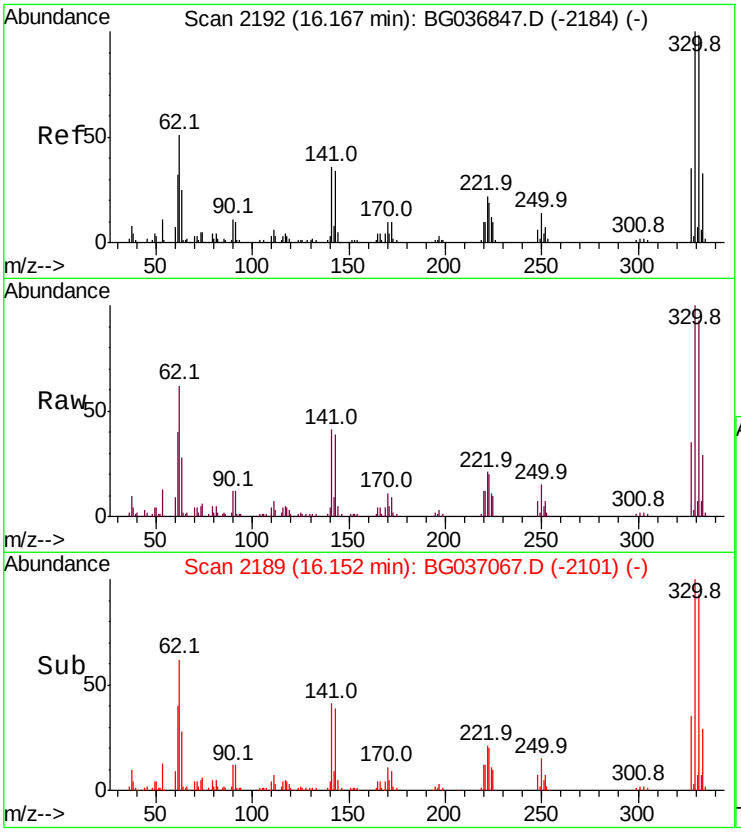




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

Tgt Ion:164 Resp: 114033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 80.7 | 121.1 |
| 160 | 48.7 | 35.3 | 52.9 |



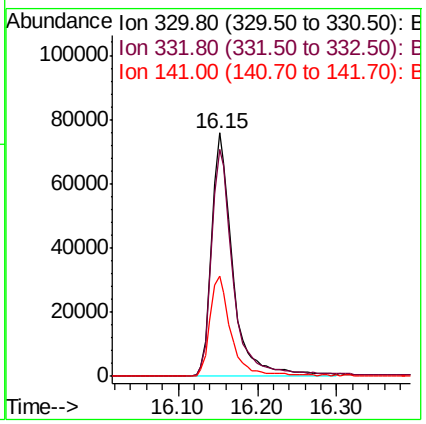


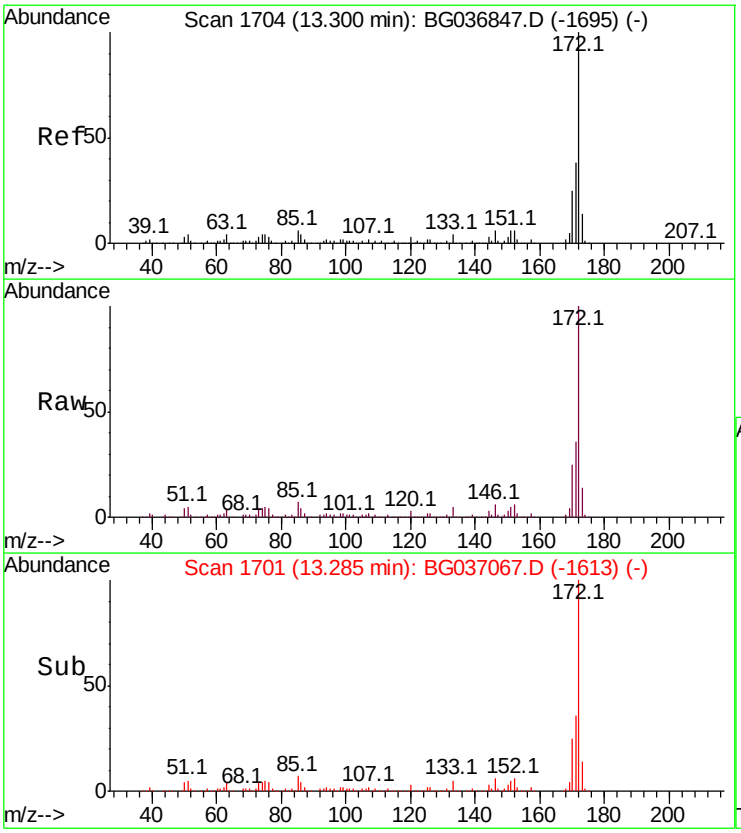

#41
2,4,6-Tribromophenol
Concen: 103.498 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB113331BL

Tgt Ion:330 Resp: 141206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 75.4 | 113.2 |
| 141 | 41.2 | 30.7 | 46.1 |

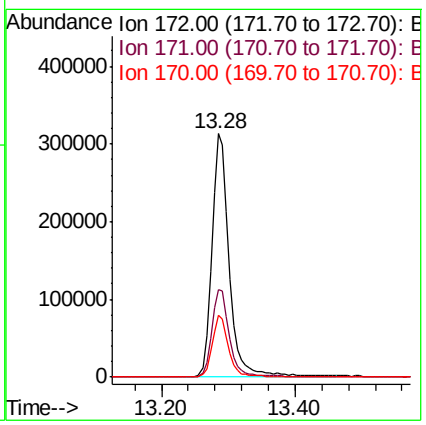


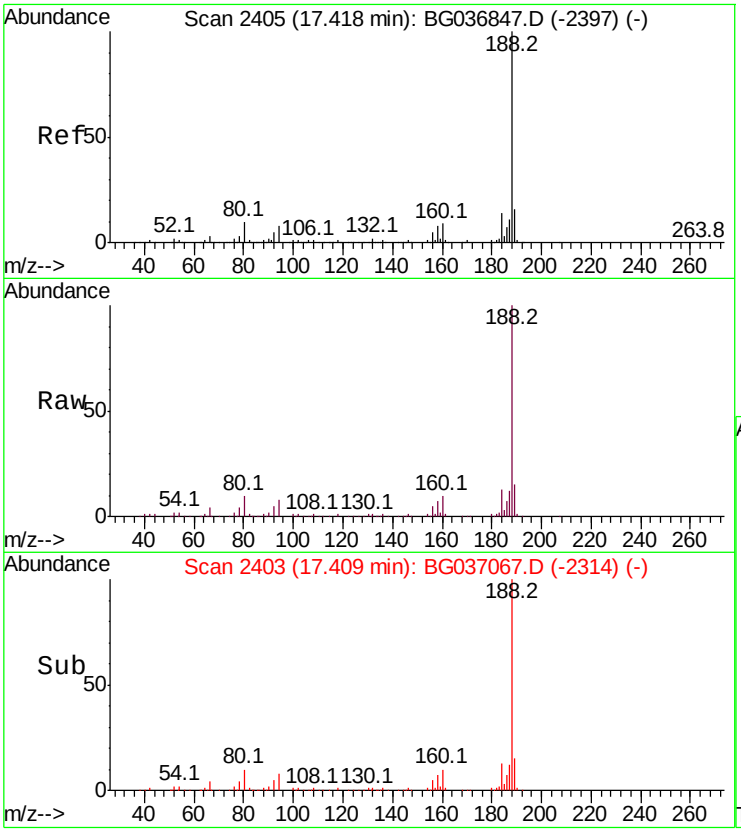




#44
2-Fluorobiphenyl
Concen: 74.754 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

Tgt Ion:172 Resp: 572346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.1 | 31.3 | 46.9 |
| 170 | 25.2 | 21.0 | 31.6 |



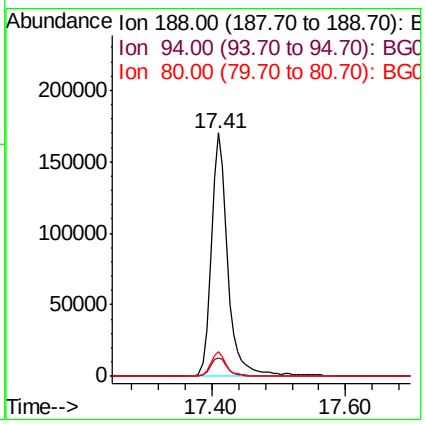


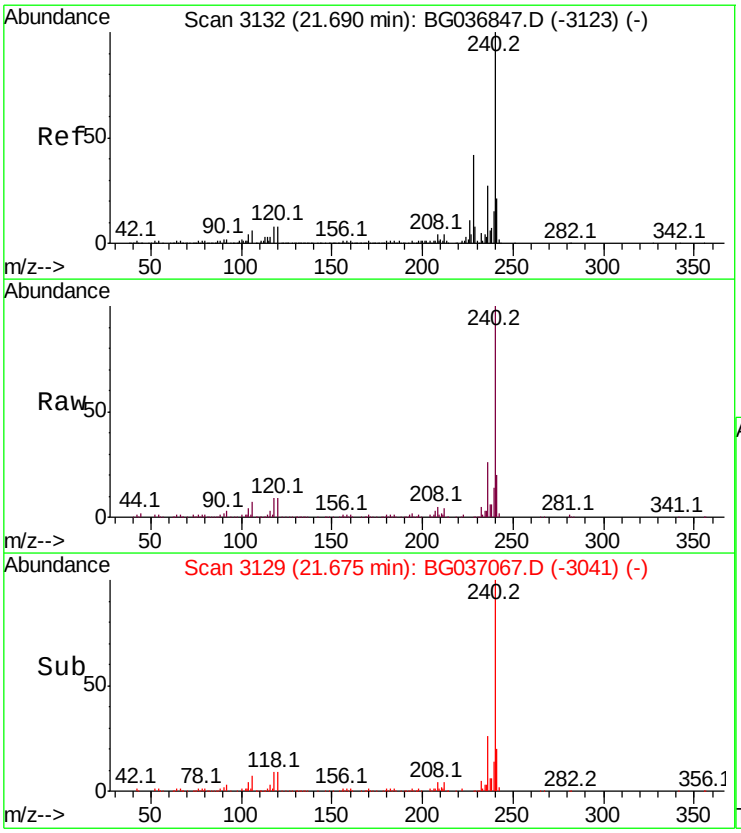

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB113331BL

Tgt Ion:188 Resp: 296180

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.6 | 6.7 | 10.1 |
| 80 | 10.1 | 8.1 | 12.1 |

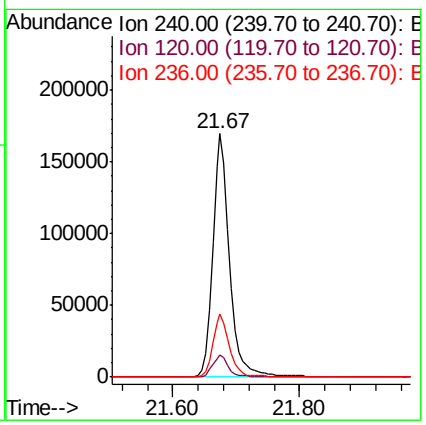


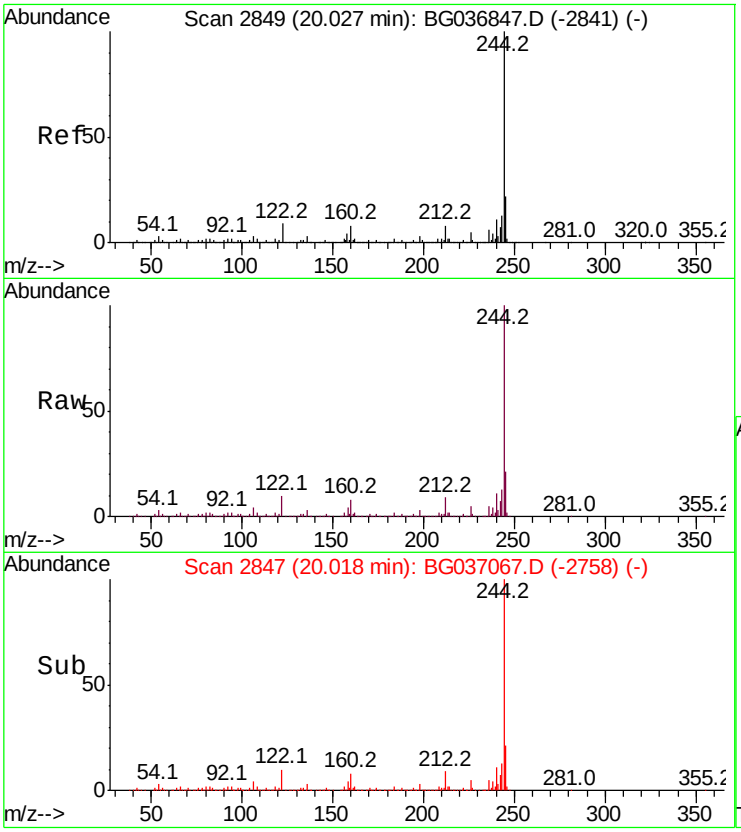




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

Tgt Ion:240 Resp: 316318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.0 | 6.9 | 10.3 |
| 236 | 25.7 | 21.2 | 31.8 |



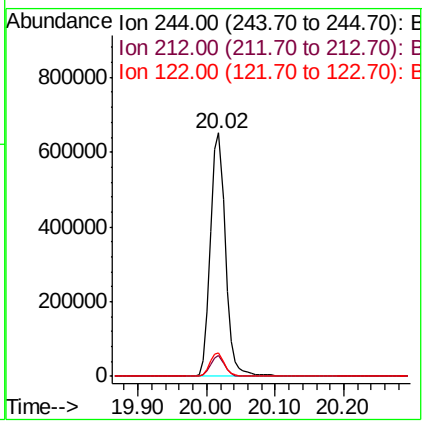


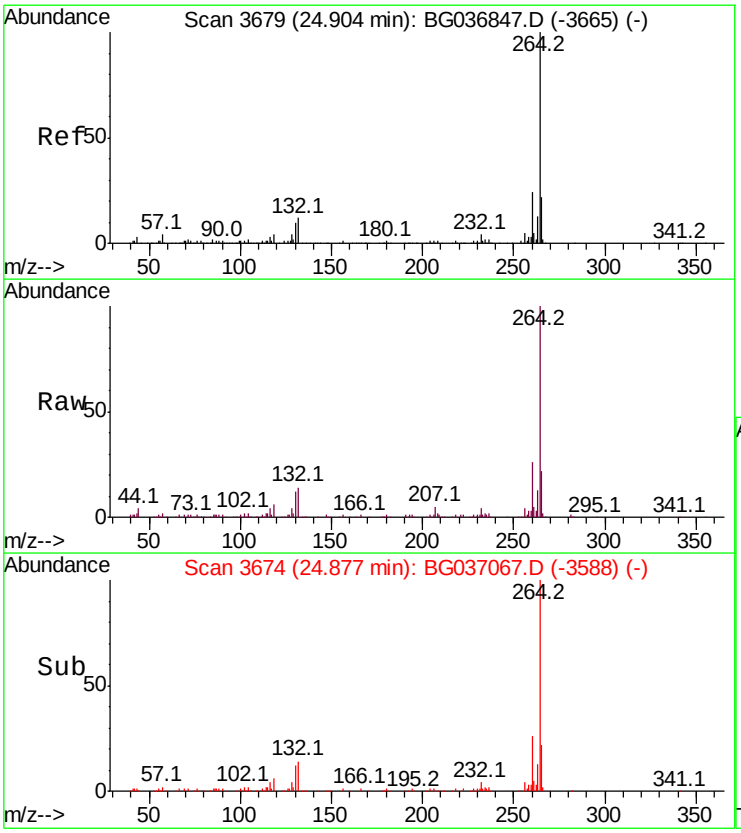

#78
Terphenyl-d14
Concen: 81.975 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

**Instrument :**
BNA_G
**ClientSampleId :**
PB113331BL

Tgt Ion:244 Resp: 986130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.5 | 7.0 | 10.6 |
| 122 | 9.5 | 7.1 | 10.7 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037067.D
Acq: 29 Sep 2018 2:12

Tgt Ion:264 Resp: 299809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.4 | 19.6 | 29.4 |
| 265 | 21.9 | 17.4 | 26.0 |