Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030975.D
Acq On : 13 Nov 2017 16:24
Operator : SJ/JU
Sample : I6301-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JC-02-110917-A

Quant Time: Nov 14 05:38:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.14 | 152 | 41612 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.96 | 136 | 168859 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.76 | 164 | 108629 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 17.50 | 188 | 309398 | 20.00 | ng | -0.02 |
| 75) Chrysene-d12 | 21.77 | 240 | 445553 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 25.07 | 264 | 440154 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 345878 | 142.53 | ng | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 384476 | 117.60 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.31 | 82 | 293201 | 102.89 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.25 | 330 | 317386 | 180.61 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.38 | 172 | 814725 | 107.77 | ng | -0.02 |
| 78) Terphenyl-d14 | 20.09 | 244 | 1888630 | 93.60 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 11.01 | 128 | 63933 | 7.702 | ng | 96 |

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111317\
Data File : BG030975.D
Acq On : 13 Nov 2017 16:24
Operator : SJ/JU
Sample : I6301-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JC-02-110917-A

Quant Time: Nov 14 05:38:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
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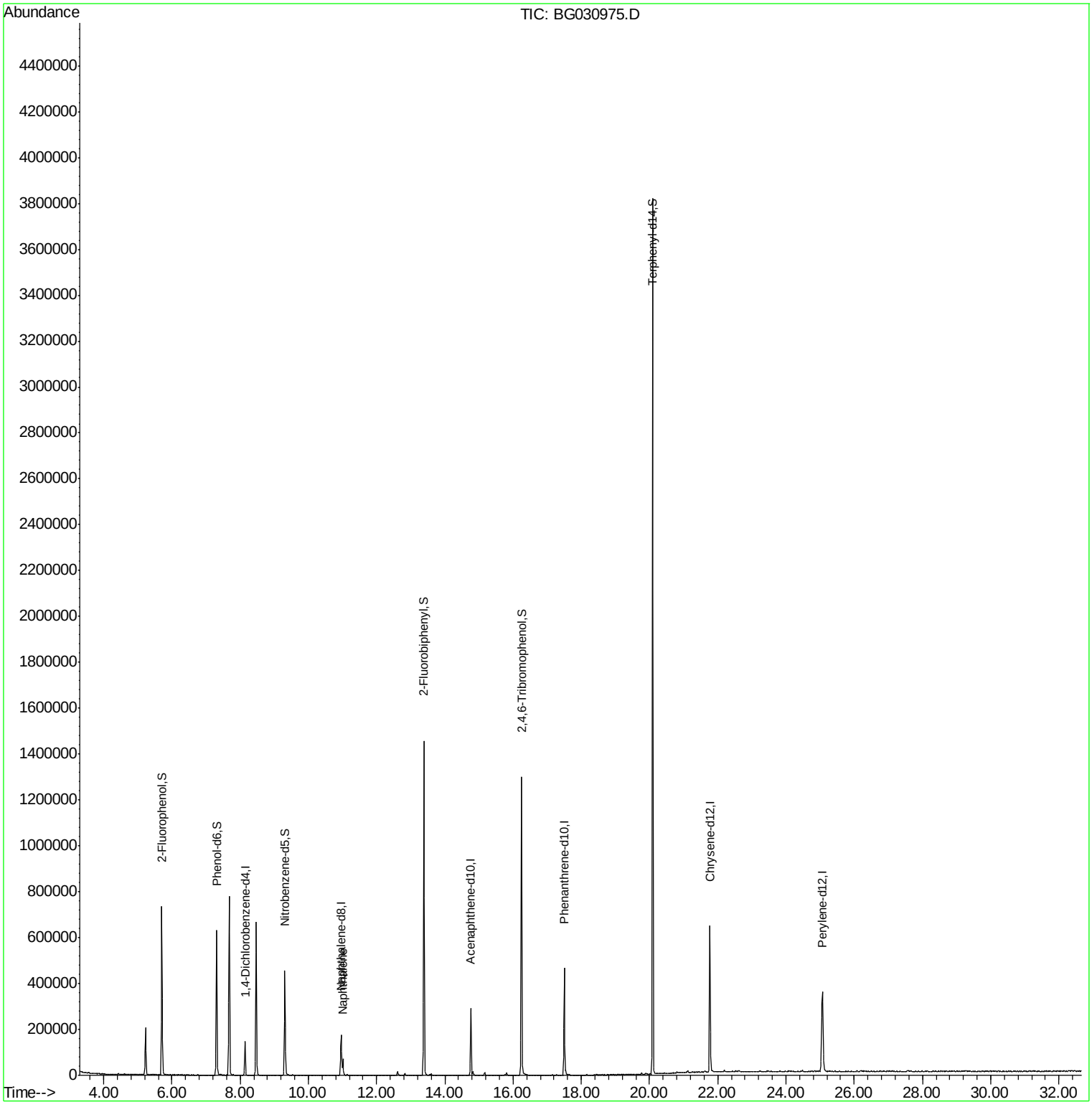
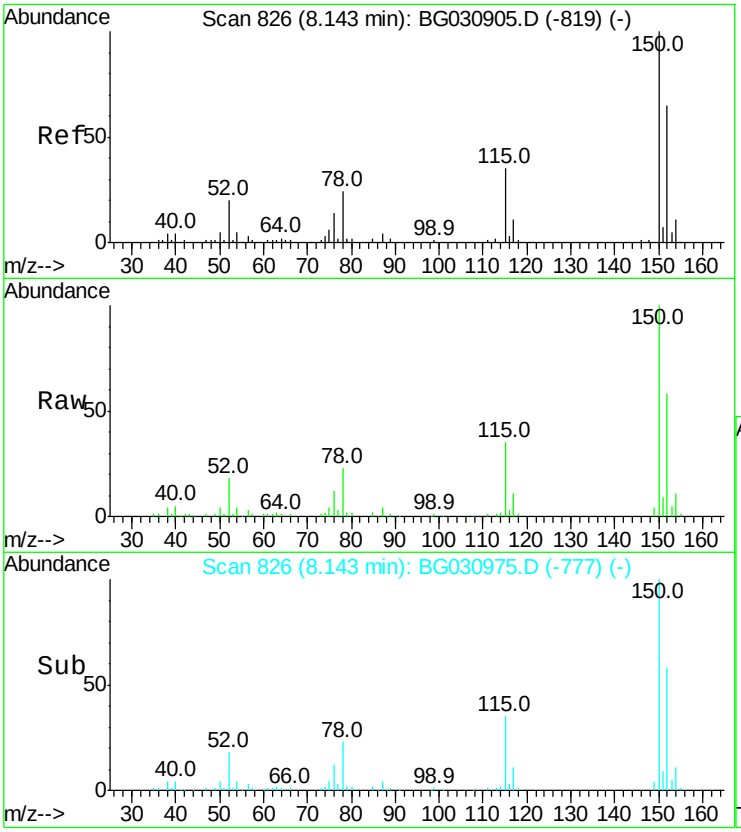


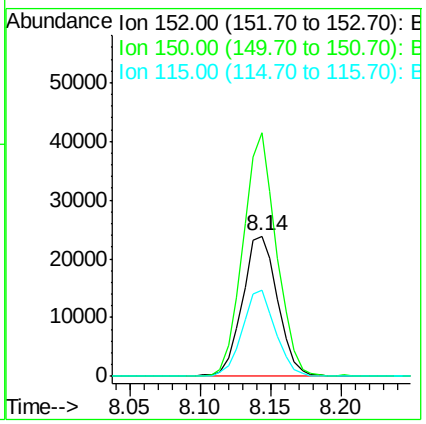


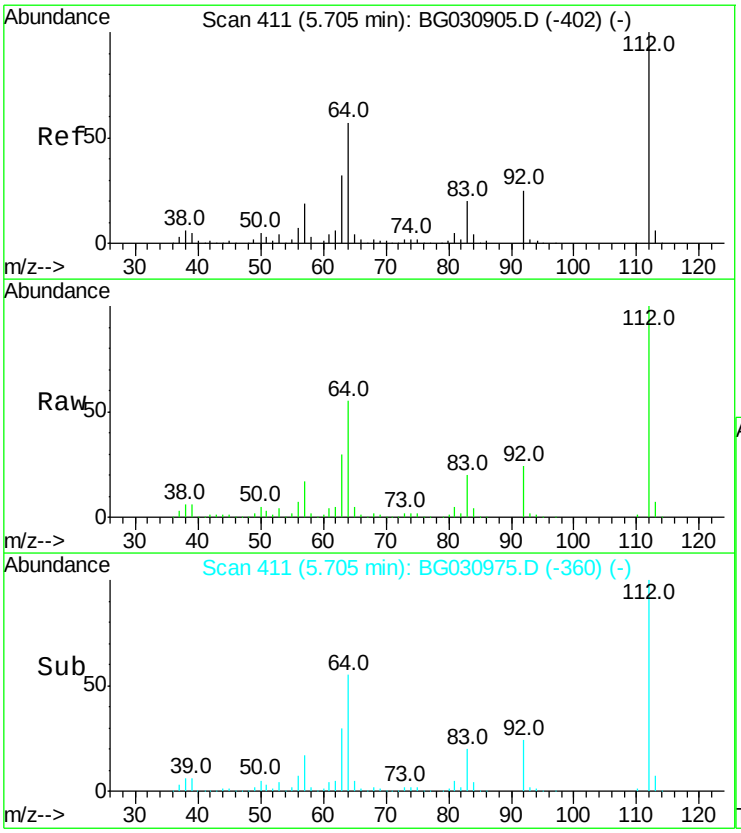

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

**Instrument :**
BNA_G
**ClientSampleId :**
JC-02-110917-A

Tgt Ion:152 Resp: 41612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 173.3 | 126.6 | 189.8 |
| 115 | 61.0 | 53.0 | 79.4 |

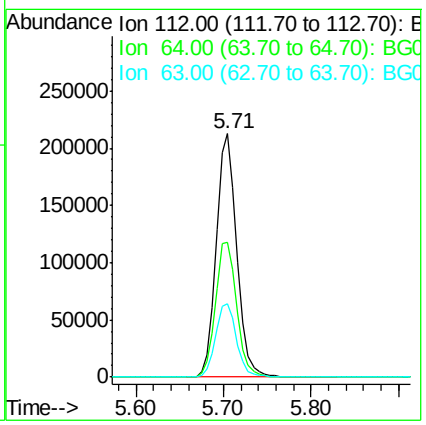


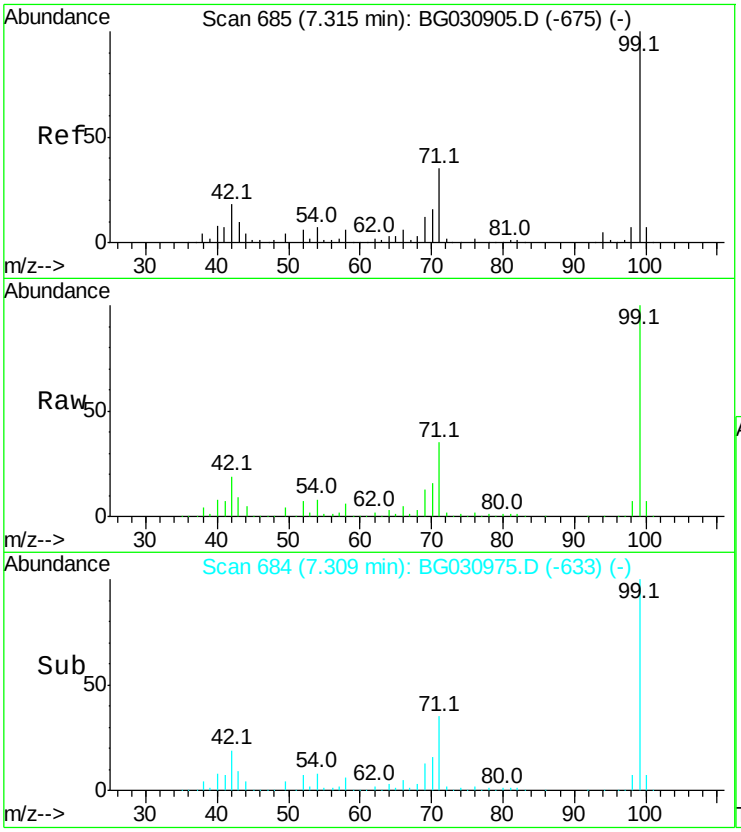




#5
2-Fluorophenol
Concen: 142.530 ng
RT: 5.71 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

Tgt Ion:112 Resp: 345878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.3 | 56.3 | 84.5# |
| 63 | 30.3 | 30.1 | 45.1 |



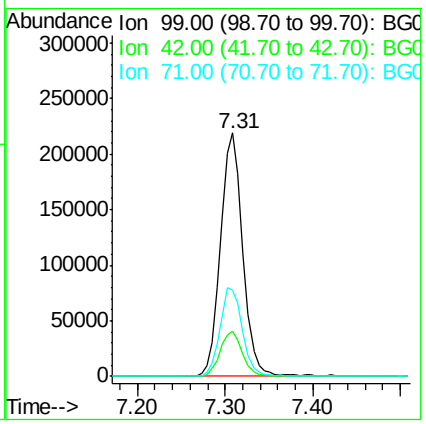


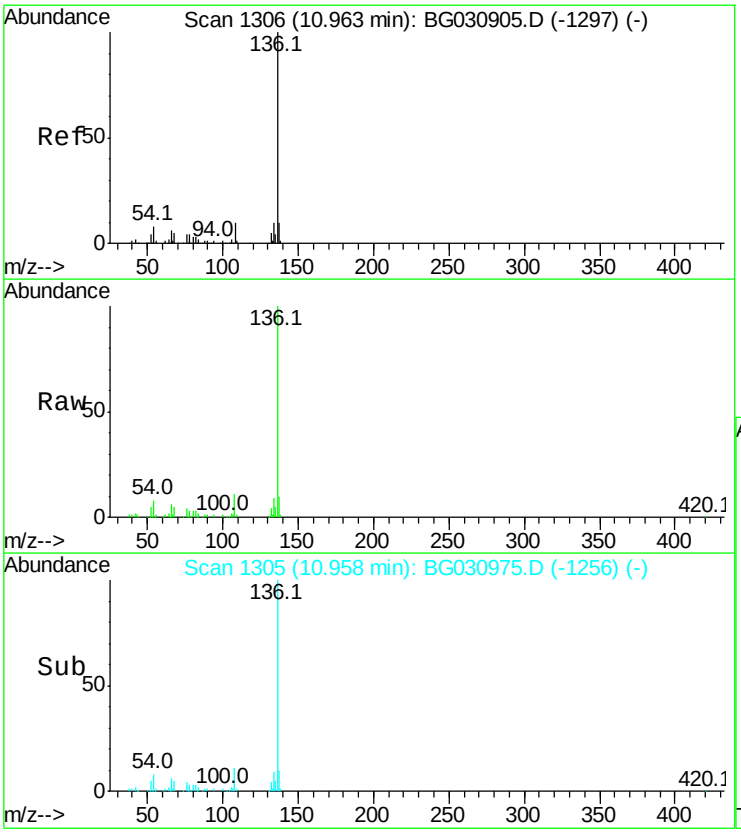

#7
Phenol-d6
Concen: 117.602 ng
RT: 7.31 min Scan# 684
Delta R.T. 0.00 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

**Instrument :**
BNA_G
**ClientSampleId :**
JC-02-110917-A

Tgt Ion: 99 Resp: 384476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.7 | 14.1 | 21.1 |
| 71 | 35.3 | 26.1 | 39.1 |

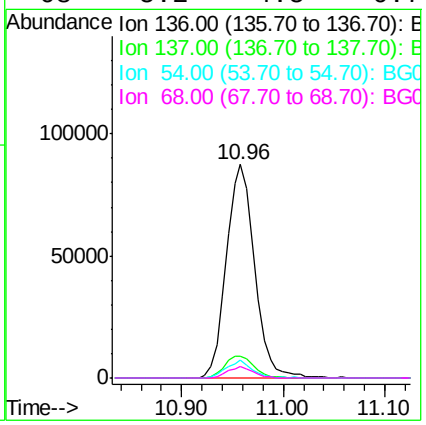


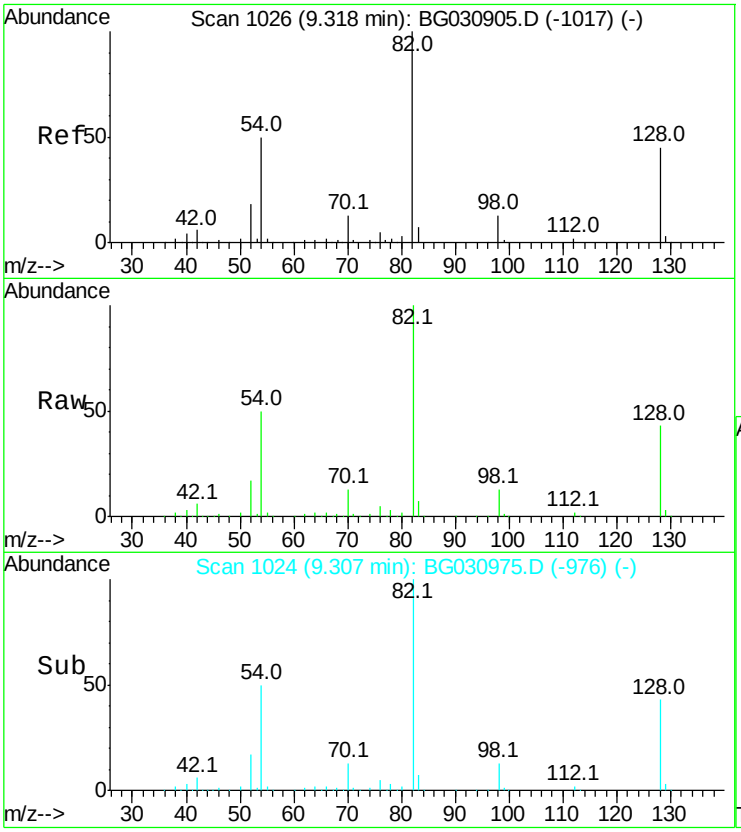




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

Tgt Ion:136 Resp: 168859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 9.2 | 13.8 |
| 54 | 8.1 | 10.3 | 15.5# |
| 68 | 5.2 | 4.5 | 6.7 |



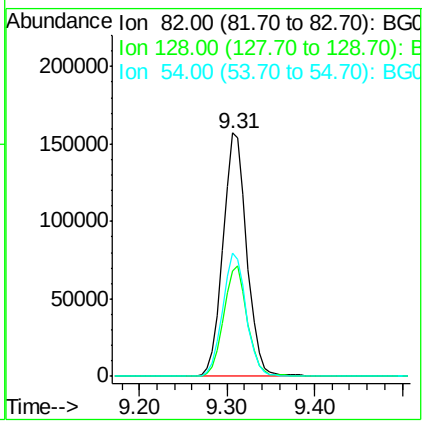


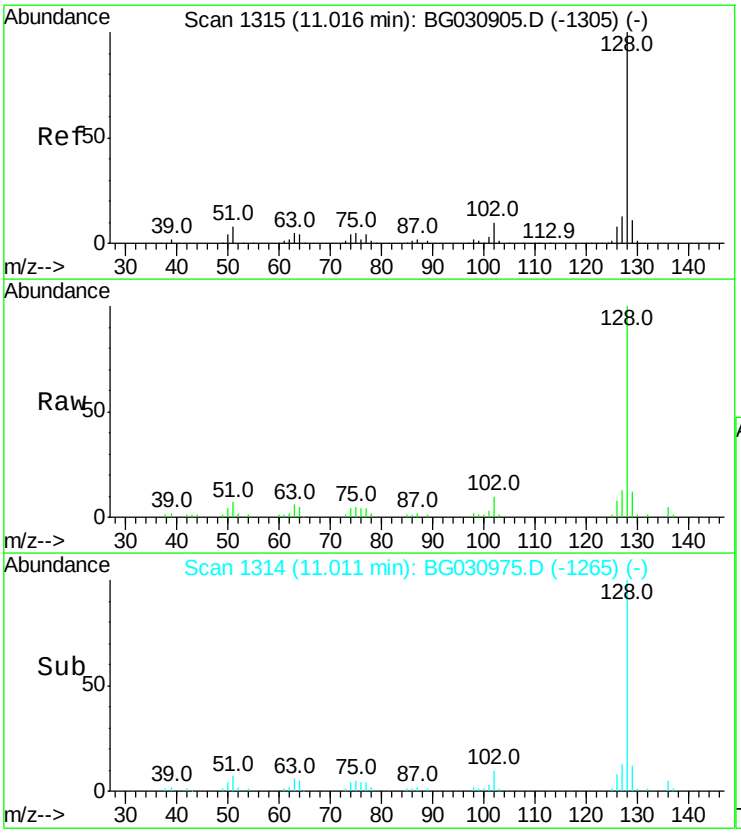

#23
Nitrobenzene-d5
Concen: 102.891 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

**Instrument :**
BNA_G
**ClientSampleId :**
JC-02-110917-A

Tgt Ion: 82 Resp: 293201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.1 | 29.7 | 44.5 |
| 54 | 50.4 | 43.1 | 64.7 |

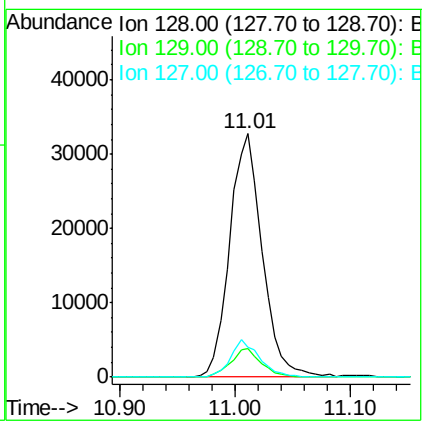


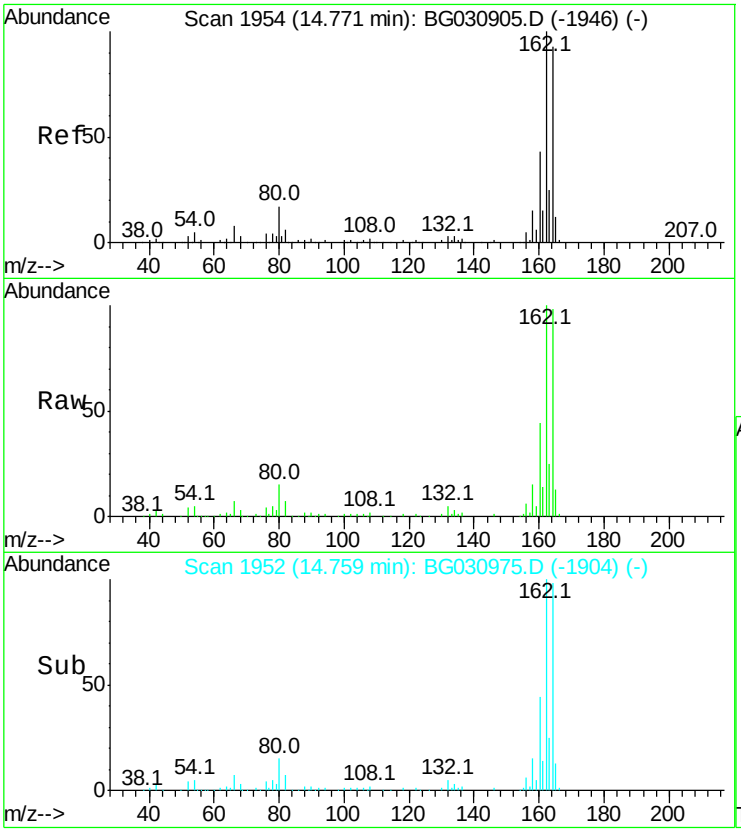




#31
Naphthalene
Concen: 7.702 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

Tgt Ion:128 Resp: 63933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.9 | 8.6 | 12.8 |
| 127 | 12.5 | 11.6 | 17.4 |



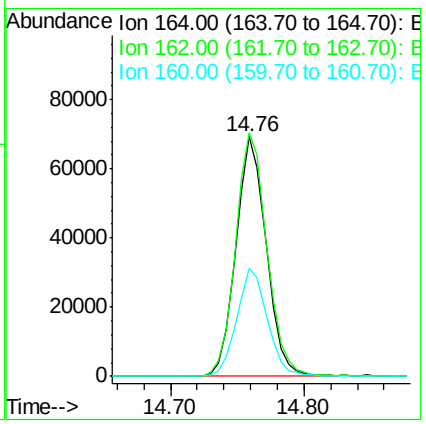


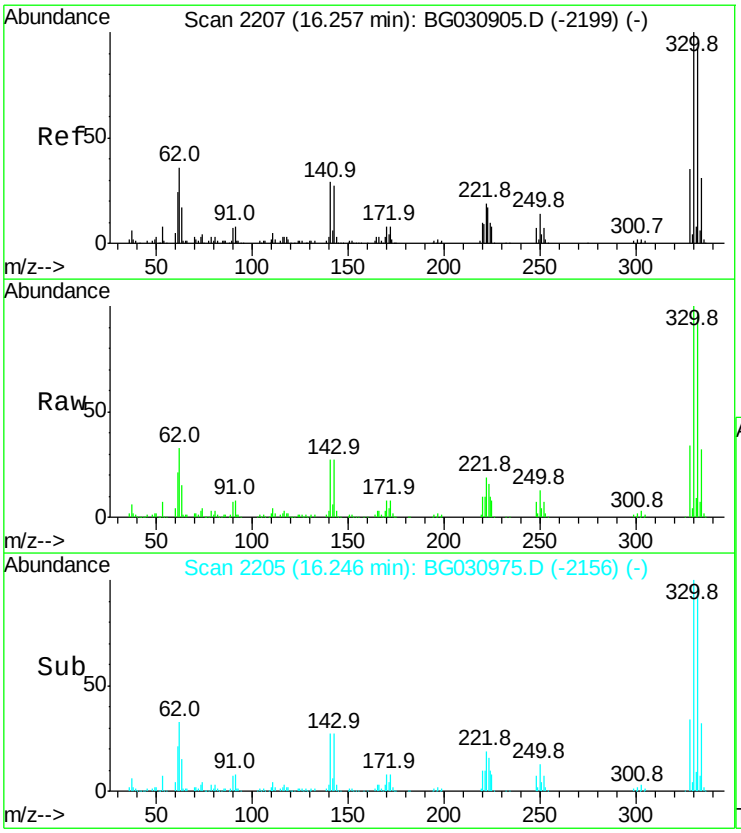

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

**Instrument :**
BNA_G
**ClientSampleId :**
JC-02-110917-A

Tgt Ion:164 Resp: 108629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 78.8 | 118.2 |
| 160 | 44.9 | 35.4 | 53.0 |

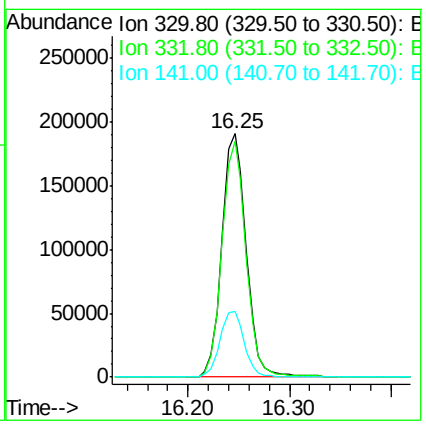


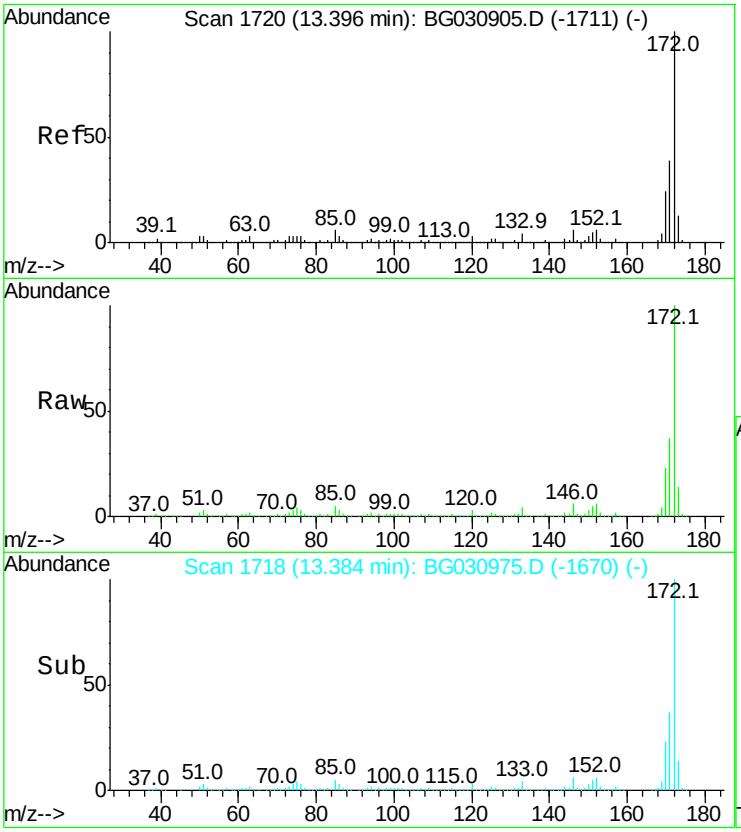




#41
2,4,6-Tribromophenol
Concen: 180.614 ng
RT: 16.25 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

Tgt Ion:330 Resp: 317386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.1 | 77.0 | 115.6 |
| 141 | 27.3 | 25.2 | 37.8 |



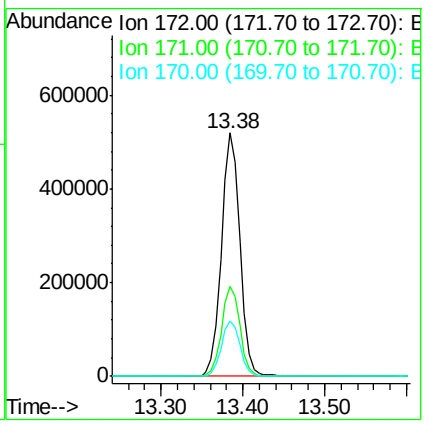


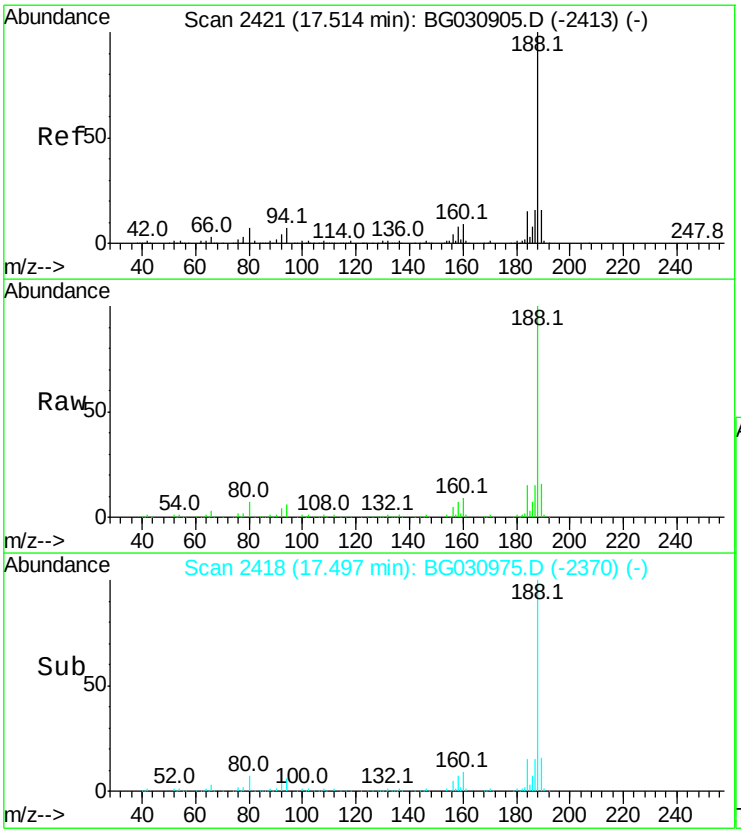

#44
2-Fluorobiphenyl
Concen: 107.768 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

**Instrument :**
BNA_G
**ClientSampleId :**
JC-02-110917-A

Tgt Ion:172 Resp: 814725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.9 | 30.0 | 45.0 |
| 170 | 22.9 | 19.5 | 29.3 |

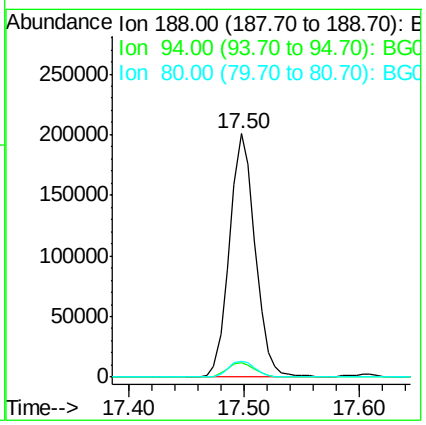


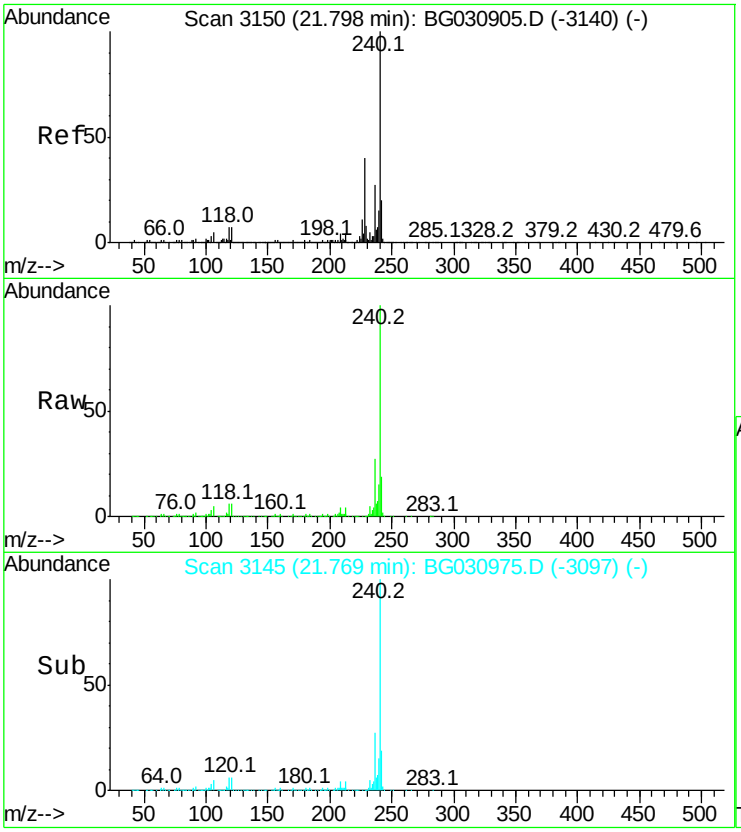




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

Tgt Ion:188 Resp: 309398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.9 | 6.9 | 10.3# |
| 80 | 6.6 | 7.7 | 11.5# |



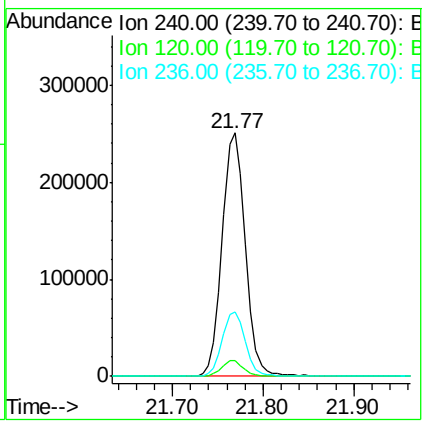


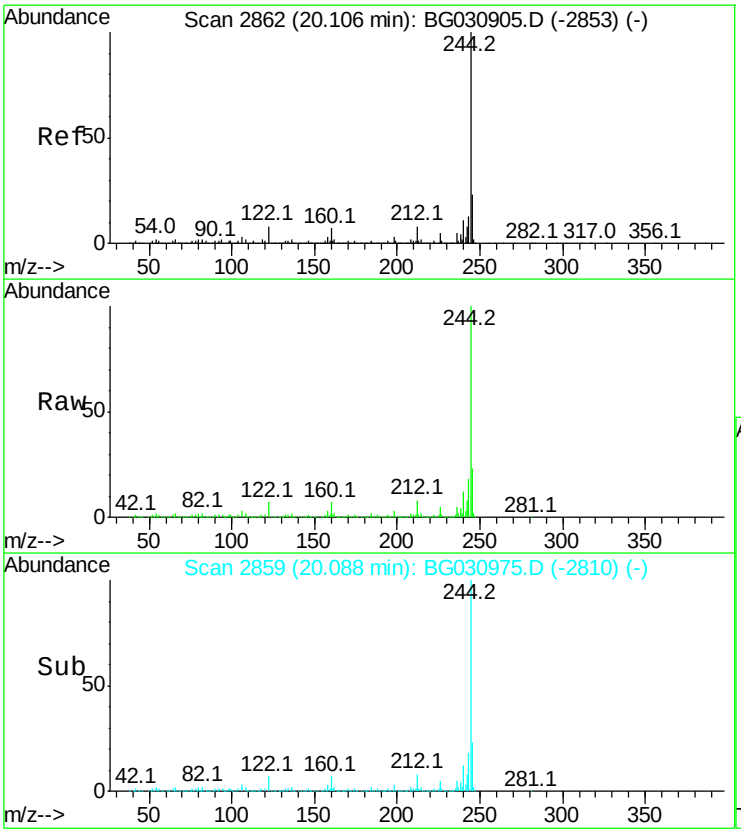

#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

**Instrument :**
BNA_G
**ClientSampleId :**
JC-02-110917-A

Tgt Ion:240 Resp: 445553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.3 | 6.8 | 10.2# |
| 236 | 26.6 | 20.9 | 31.3 |

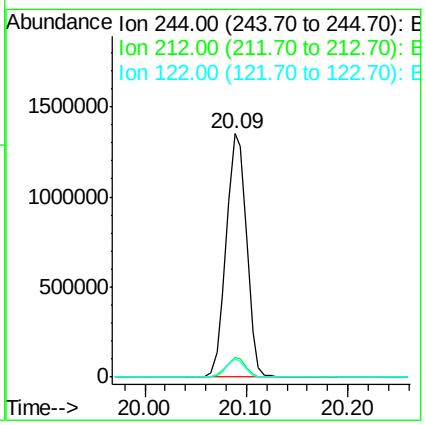


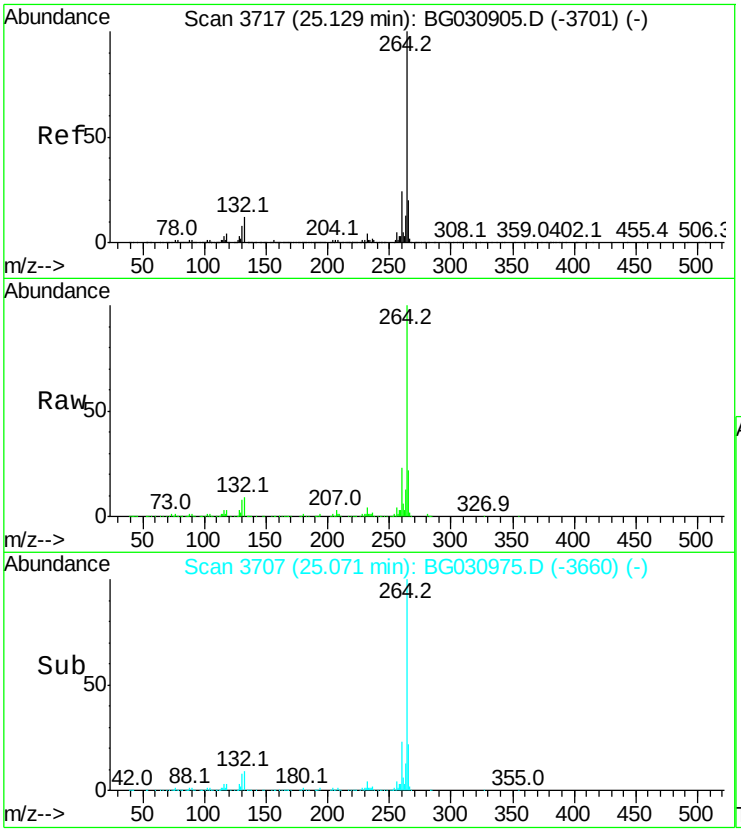




#78
Terphenyl-d14
Concen: 93.597 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

Tgt Ion:244 Resp: 1888630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 5.8 | 8.8 |
| 122 | 7.5 | 7.0 | 10.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG030975.D
Acq: 13 Nov 2017 16:24

**Instrument :**
BNA_G
**ClientSampleId :**
JC-02-110917-A

Tgt Ion:264 Resp: 440154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 17.4 | 26.0 |
| 265 | 21.7 | 17.7 | 26.5 |