Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
Data File : BG038229.D
Acq On : 29 Nov 2018 11:09
Operator : JU/SJ
Sample : J6078-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** 112618-CHDE-F-U-S

Quant Time: Nov 29 12:28:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.08 | 152 | 35221 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.90 | 136 | 162304 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.72 | 164 | 100558 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.47 | 188 | 222537 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.75 | 240 | 211451 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 25.07 | 264 | 200890 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 101652 | 49.83 | ng | 0.00 |
| 7) Phenol-d6 | 7.23 | 99 | 88718 | 30.47 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.26 | 82 | 305106 | 100.63 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 103519 | 90.26 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.34 | 172 | 681503 | 98.73 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.07 | 244 | 947852 | 105.48 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.25 | 94 | 8918 | 2.891 | ng | 87 |

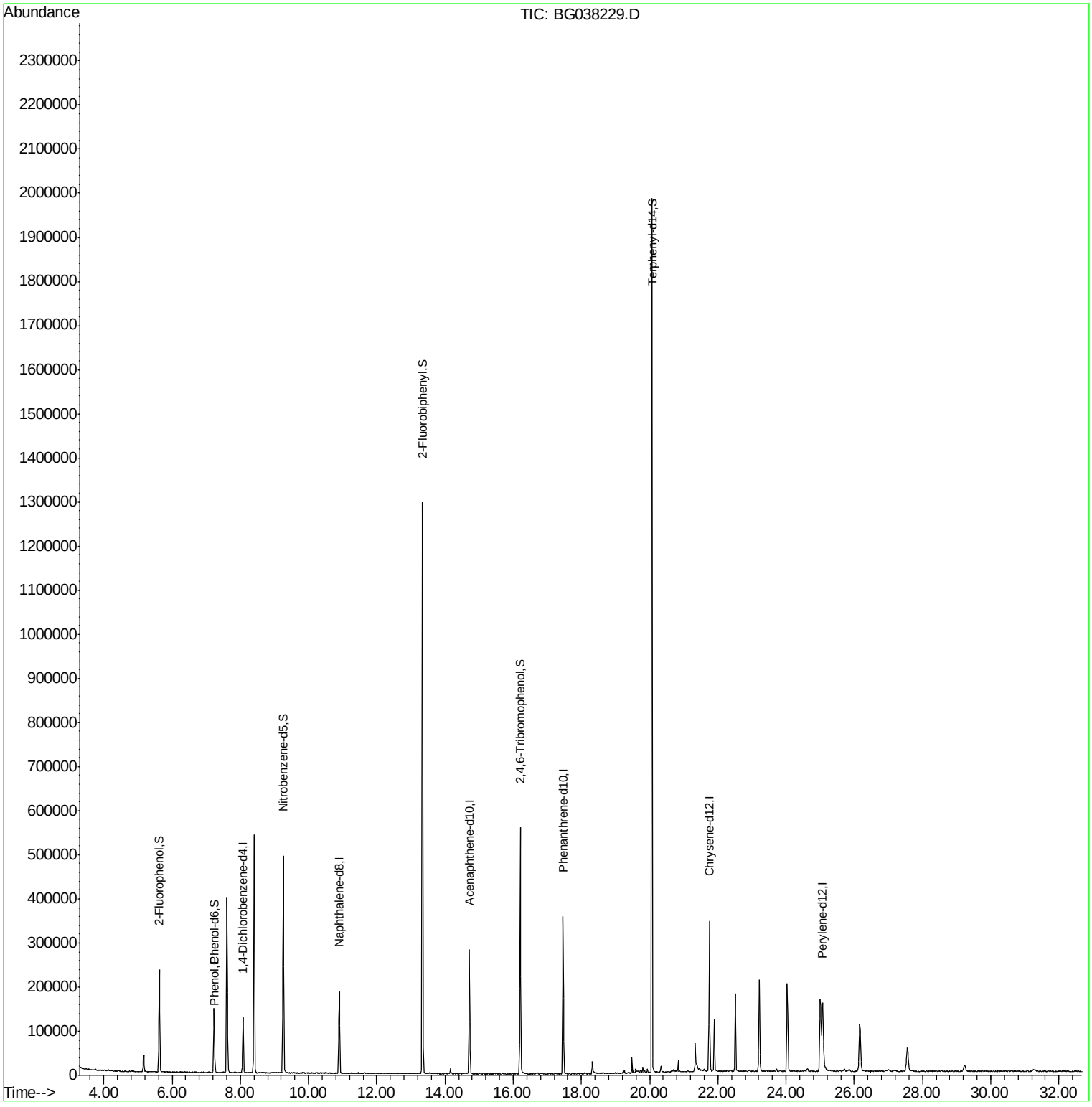
(#) = qualifier out of range (m) = manual integration (+) = signals summed

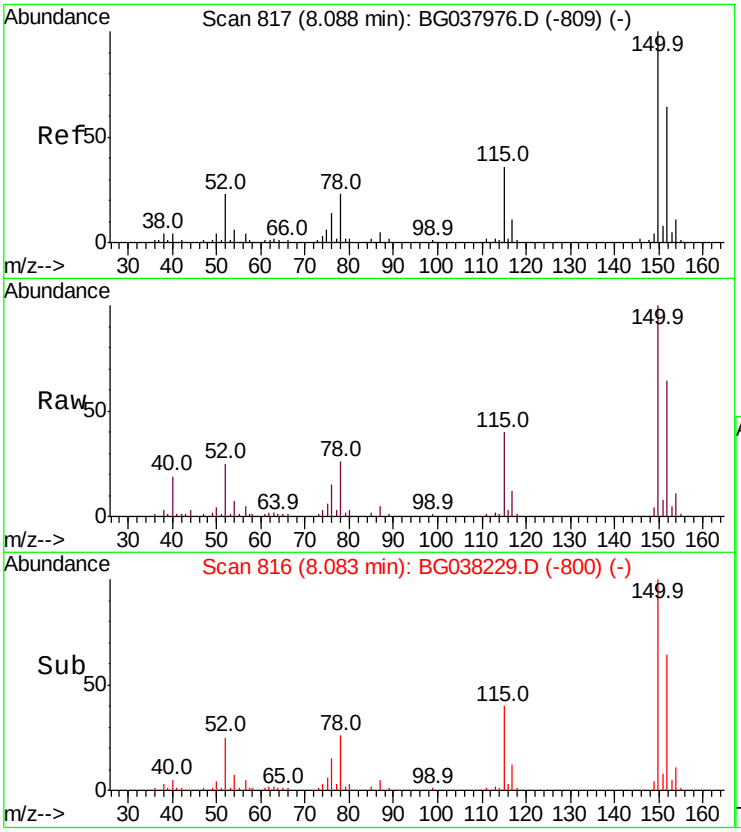
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
Data File : BG038229.D
Acq On : 29 Nov 2018 11:09
Operator : JU/SJ
Sample : J6078-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
112618-CHDE-F-U-S

Quant Time: Nov 29 12:28:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



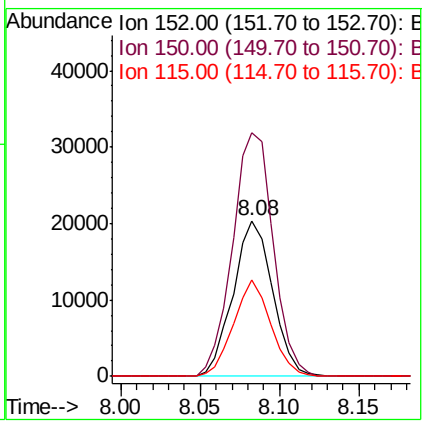


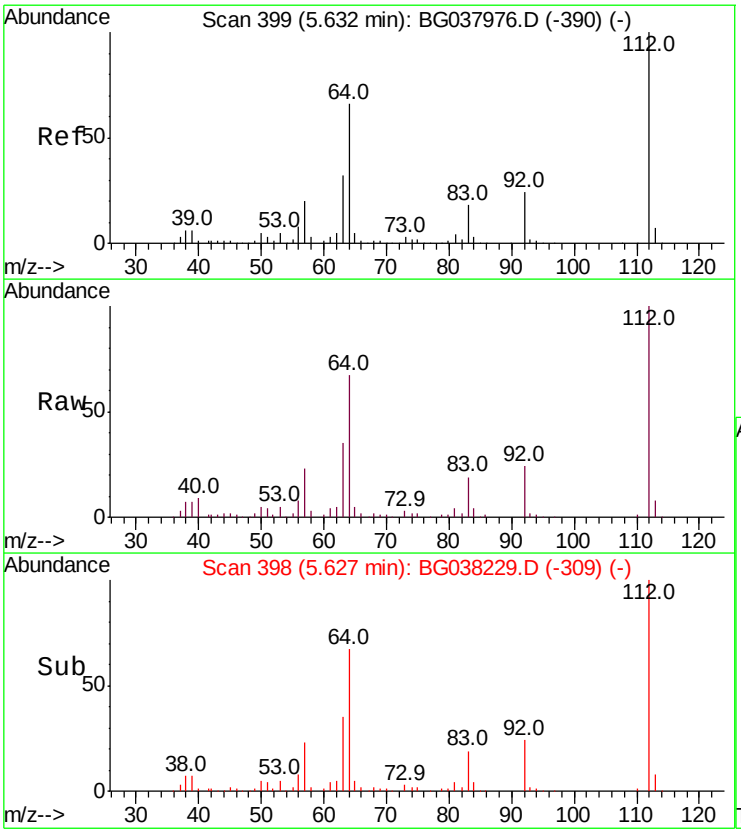

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

**Instrument :**
BNA_G
**ClientSampleId :**
112618-CHDE-F-U-S

Tgt Ion:152 Resp: 35221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 126.0 | 189.0 |
| 115 | 62.1 | 45.5 | 68.3 |

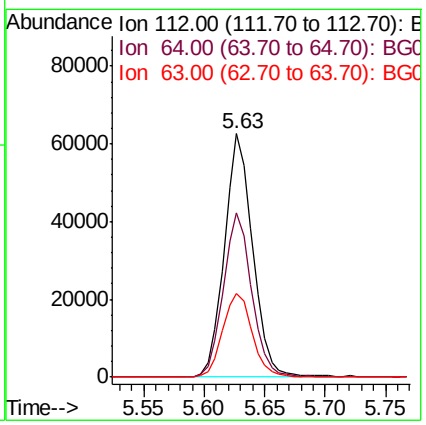


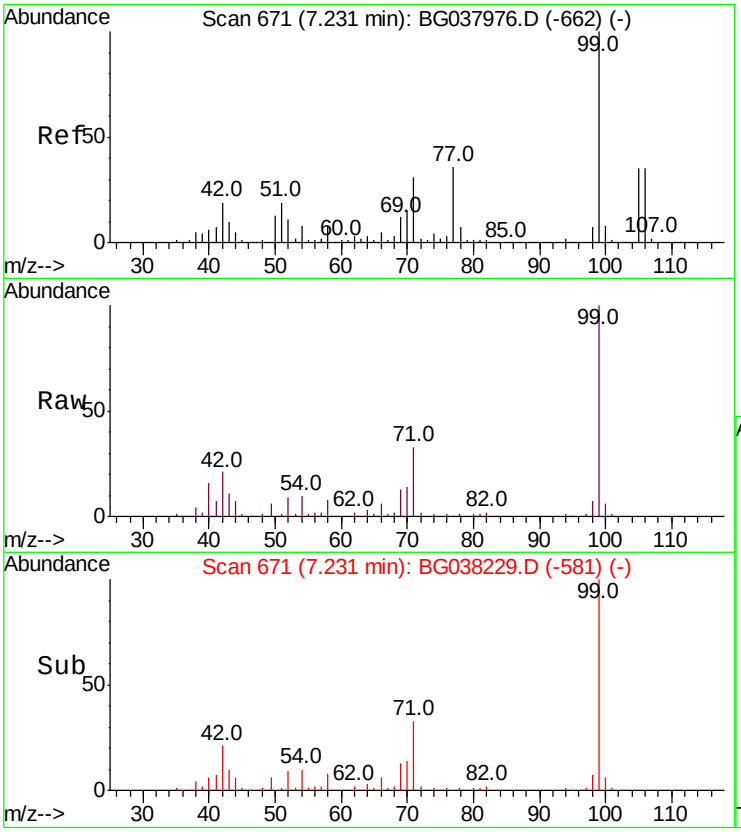




#5
2-Fluorophenol
Concen: 49.831 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

Tgt Ion:112 Resp: 101652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.4 | 53.1 | 79.7 |
| 63 | 34.5 | 27.3 | 40.9 |



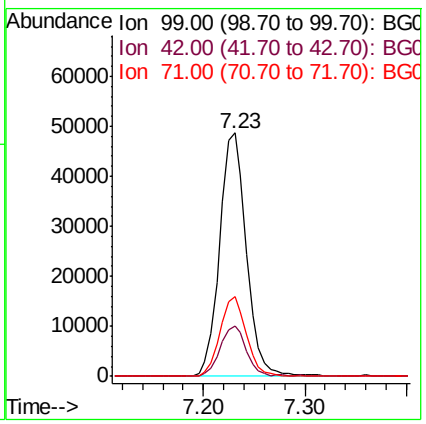


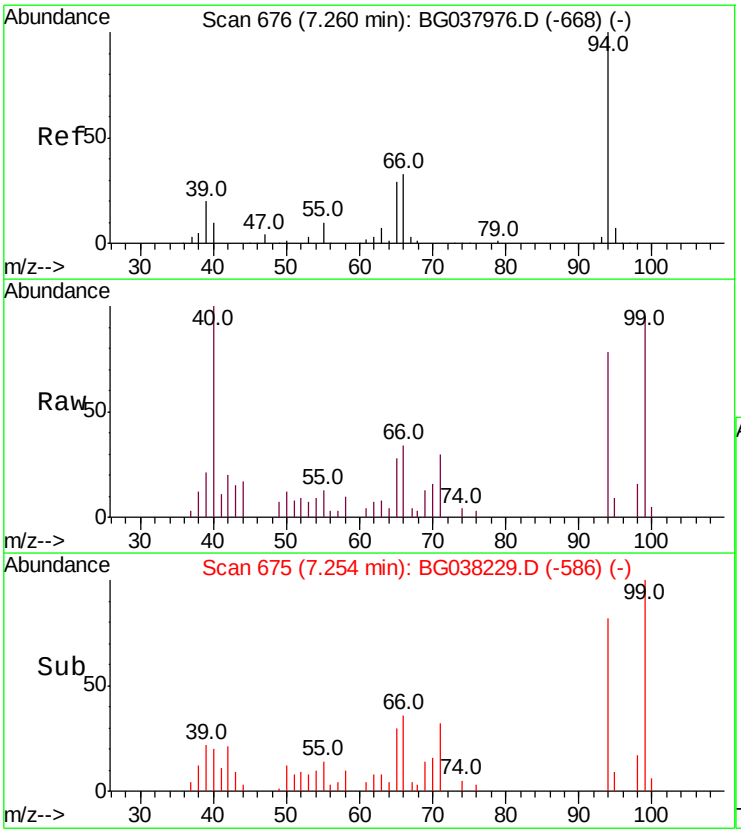

#7
Phenol-d6
Concen: 30.467 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

**Instrument :**
BNA_G
**ClientSampleId :**
112618-CHDE-F-U-S

Tgt Ion: 99 Resp: 88718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.7 | 15.0 | 22.4 |
| 71 | 32.5 | 25.5 | 38.3 |

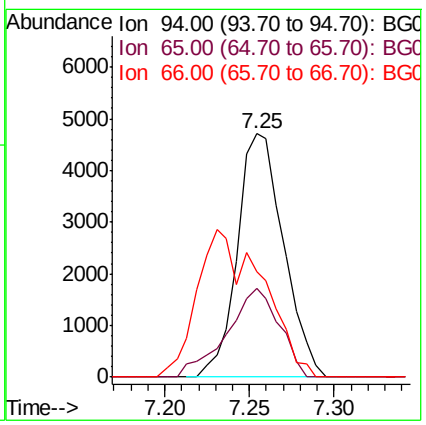


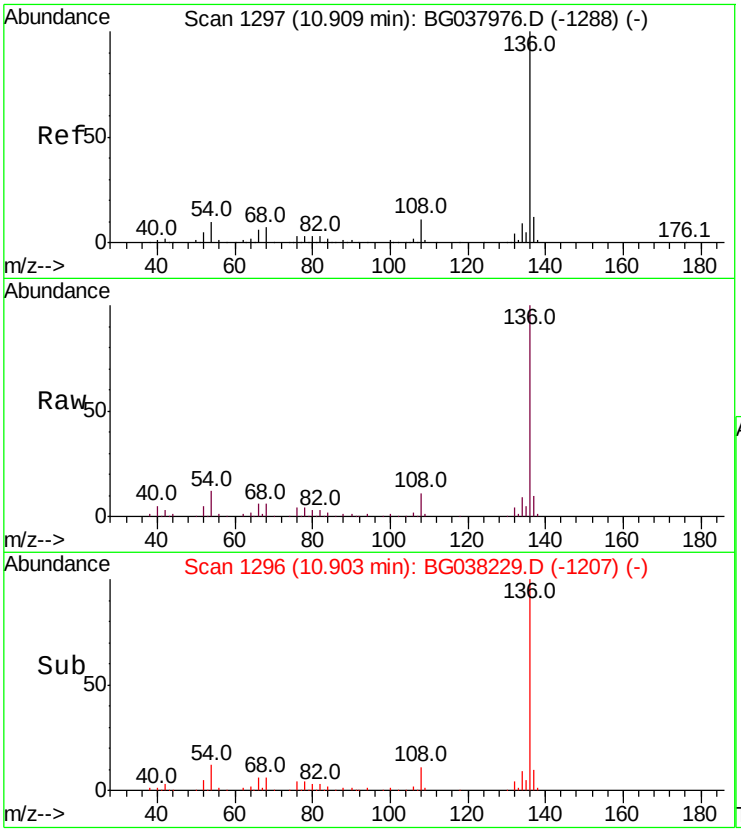




#10
Phenol
Concen: 2.891 ng
RT: 7.25 min Scan# 675
Delta R.T. -0.01 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

Tgt Ion: 94 Resp: 8918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.5 | 9.7 | 49.7 |
| 66 | 43.5 | 15.9 | 55.9 |



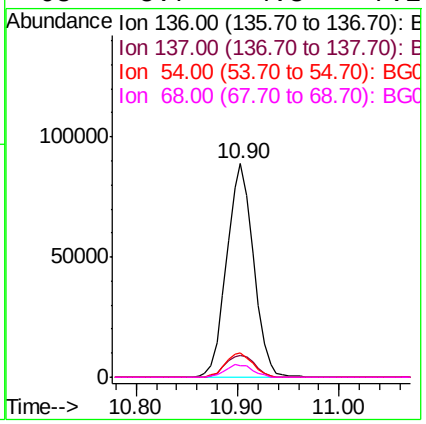


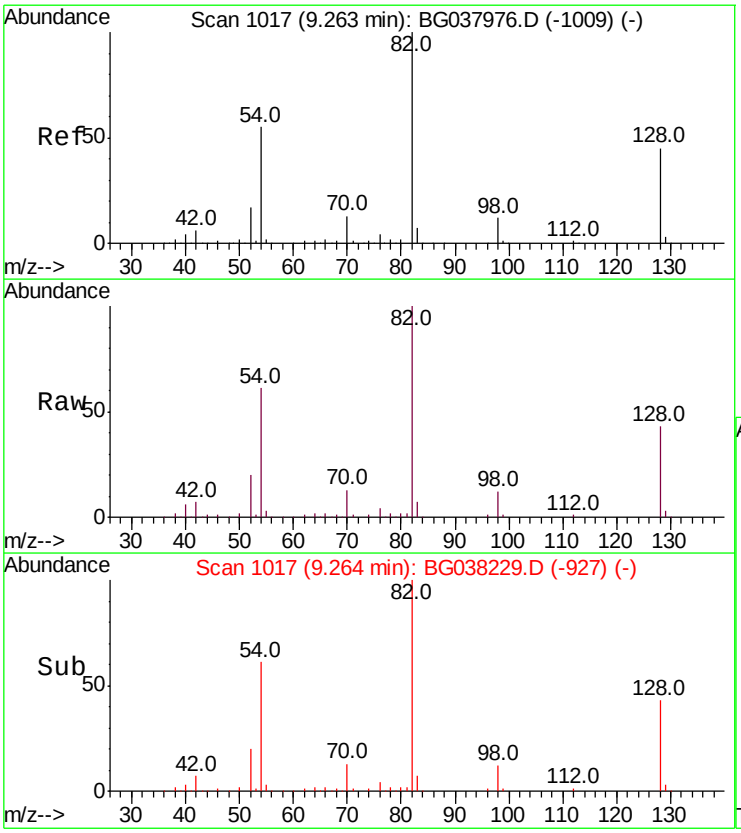

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

**Instrument :**
BNA_G
**ClientSampleId :**
112618-CHDE-F-U-S

Tgt Ion:136 Resp: 162304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 9.6 | 14.4 |
| 54 | 11.6 | 7.9 | 11.9 |
| 68 | 5.7 | 4.8 | 7.2 |

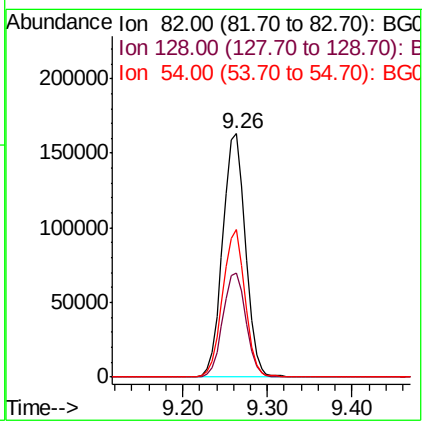


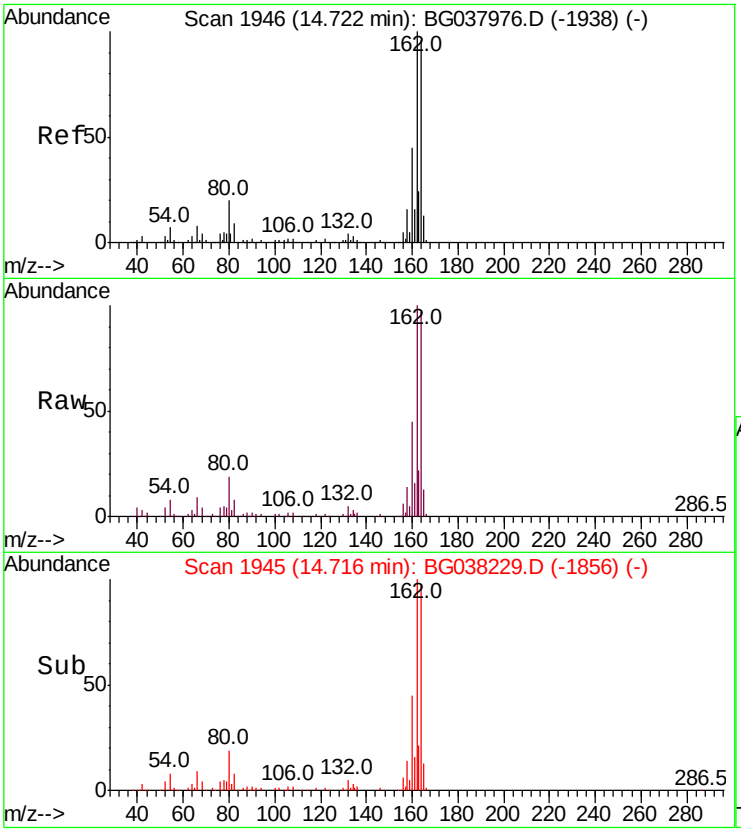




#23
Nitrobenzene-d5
Concen: 100.629 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

Tgt Ion: 82 Resp: 305106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.9 | 34.6 | 51.8 |
| 54 | 60.5 | 45.3 | 67.9 |



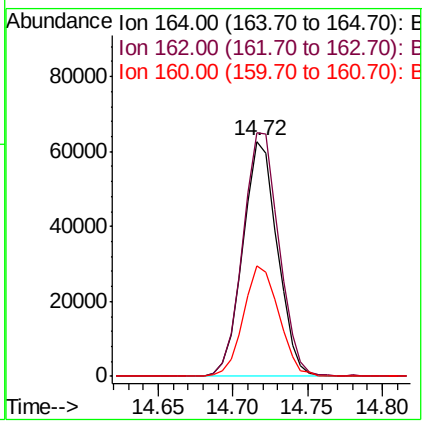


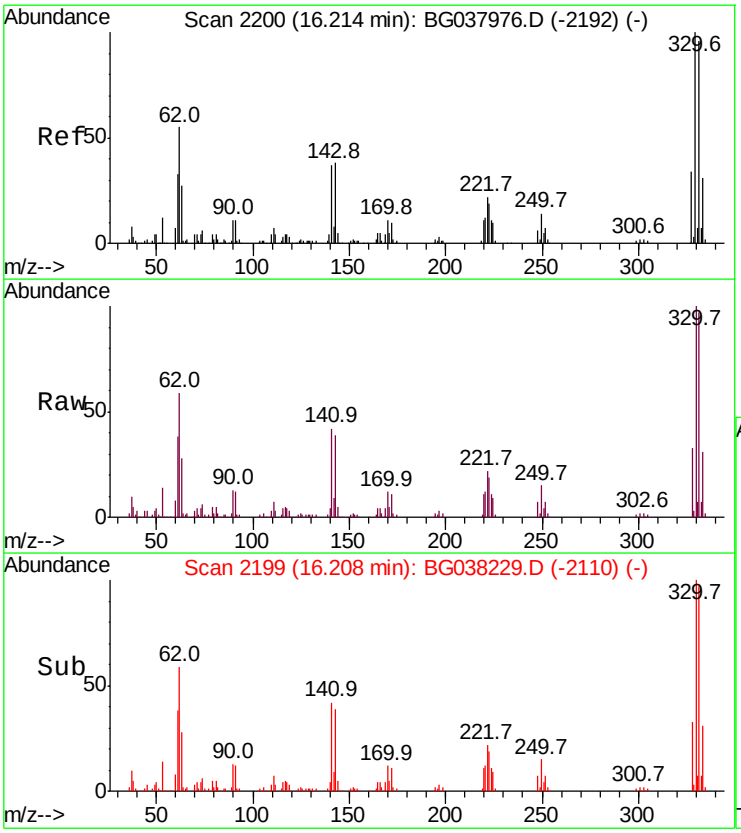

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

**Instrument :**
BNA_G
**ClientSampleId :**
112618-CHDE-F-U-S

Tgt Ion:164 Resp: 100558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.6 | 81.3 | 121.9 |
| 160 | 46.9 | 36.3 | 54.5 |

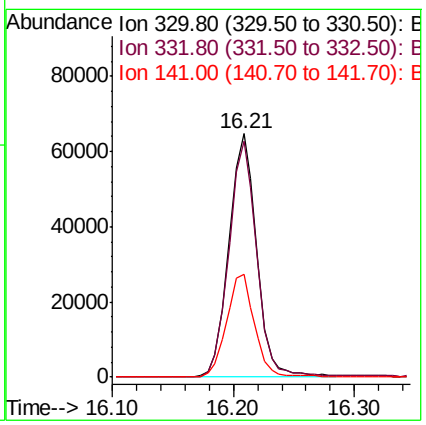


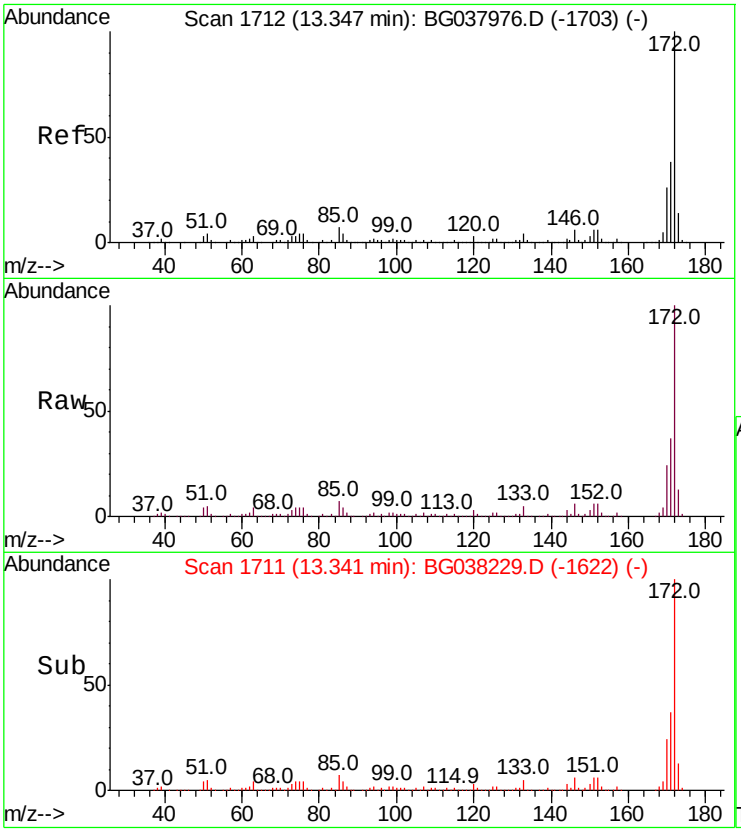




#42
2,4,6-Tribromophenol
Concen: 90.265 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

Tgt Ion:330 Resp: 103519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.7 | 78.4 | 117.6 |
| 141 | 42.7 | 32.2 | 48.2 |



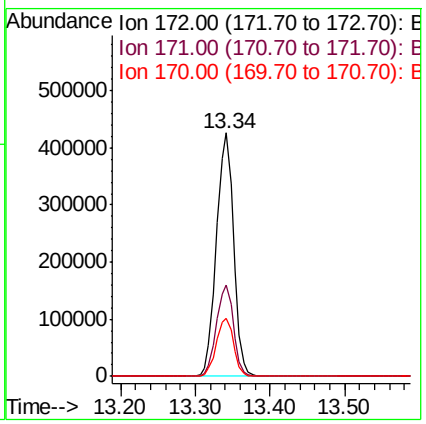


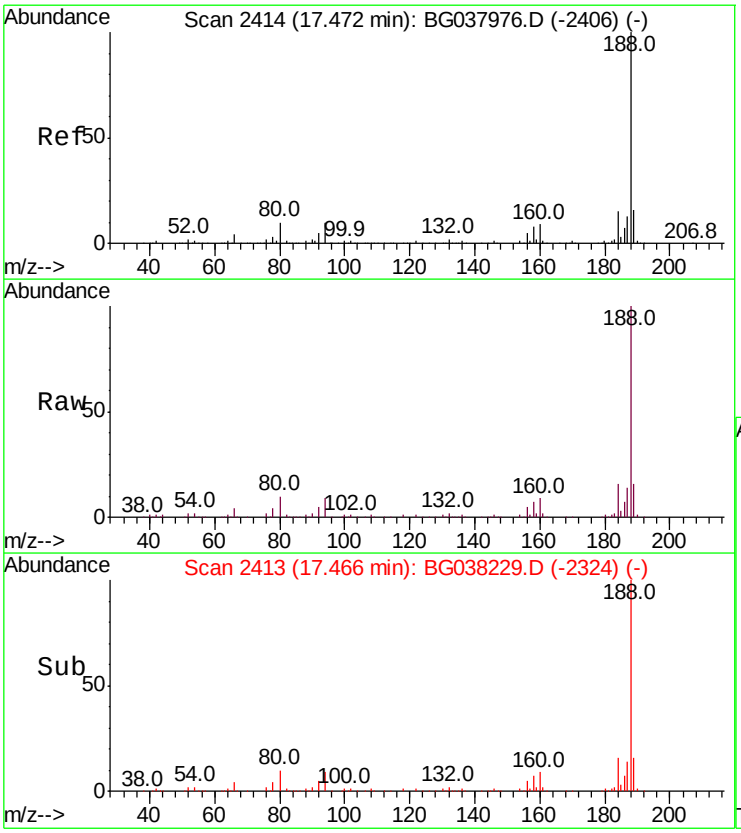

#45
2-Fluorobiphenyl
Concen: 98.734 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

**Instrument :**
BNA_G
**ClientSampleId :**
112618-CHDE-F-U-S

Tgt Ion:172 Resp: 681503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.3 | 31.0 | 46.4 |
| 170 | 24.0 | 20.2 | 30.2 |

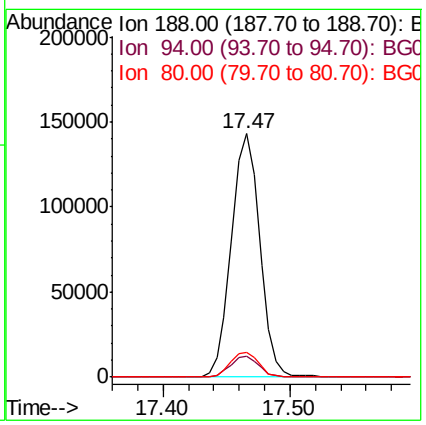


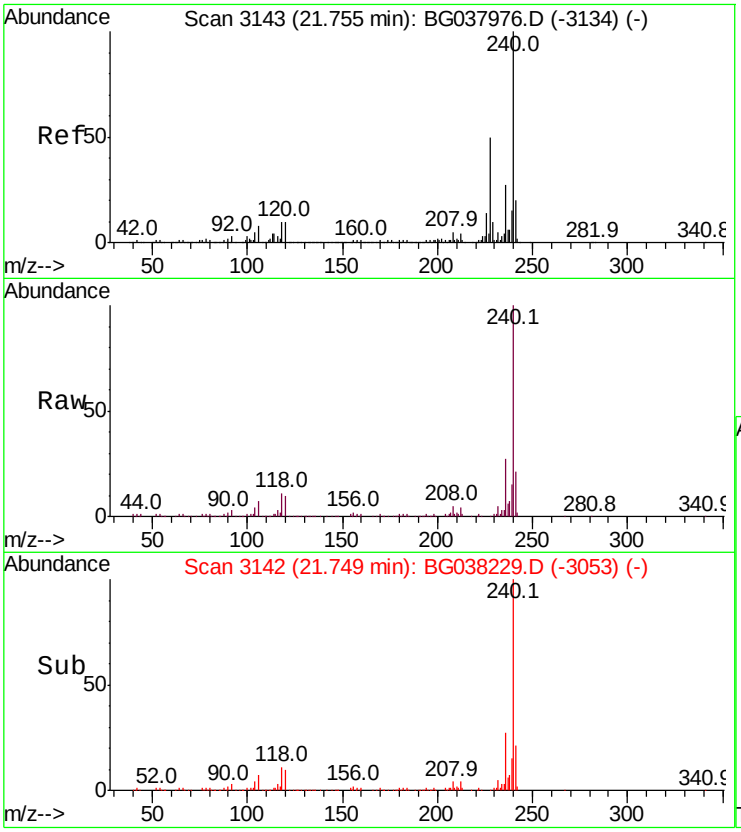




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

Tgt Ion:188 Resp: 222537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 7.2 | 10.8 |
| 80 | 10.0 | 7.7 | 11.5 |



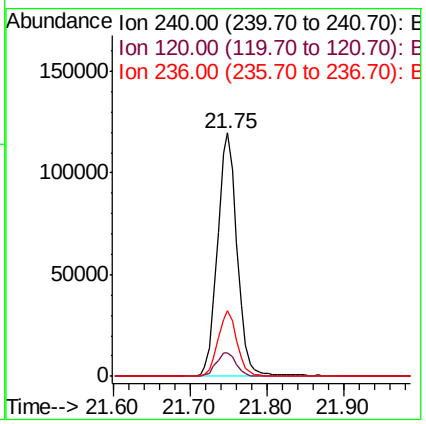


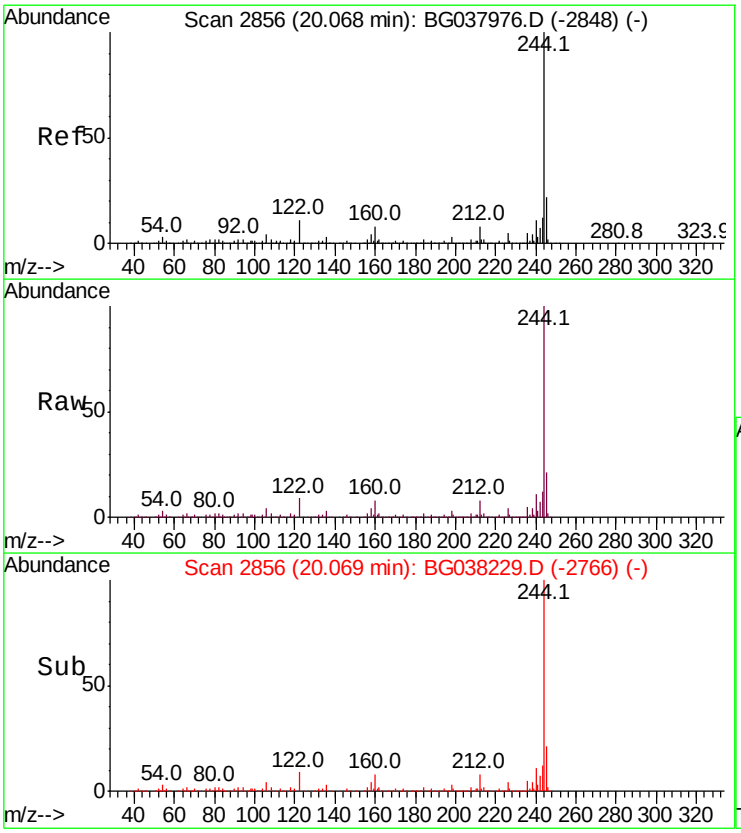

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

**Instrument :**
BNA_G
**ClientSampleId :**
112618-CHDE-F-U-S

Tgt Ion:240 Resp: 211451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.8 | 8.1 | 12.1 |
| 236 | 26.8 | 21.4 | 32.0 |

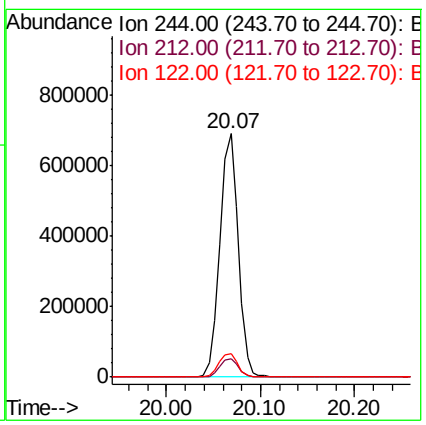


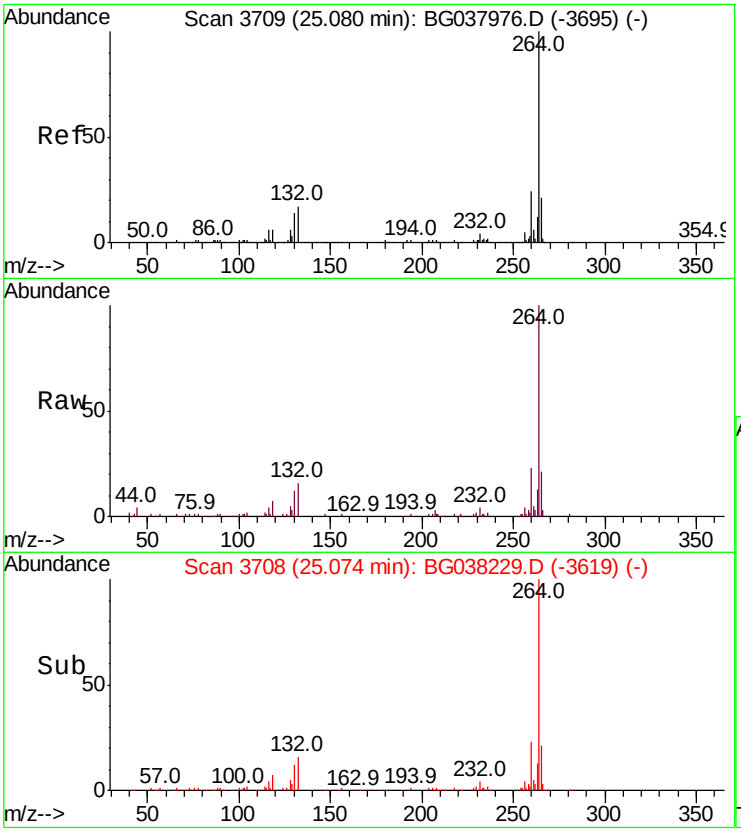




#79
Terphenyl-d14
Concen: 105.476 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

Tgt Ion:244 Resp: 947852

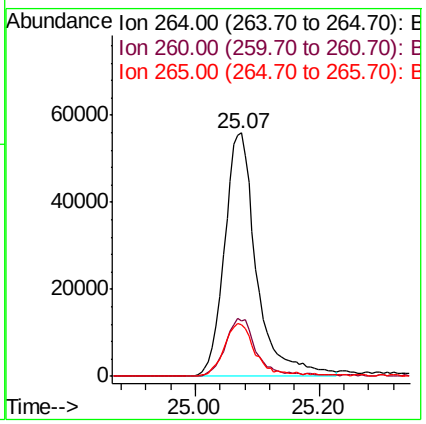
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.5 | 9.7 |
| 122 | 9.4 | 9.0 | 13.4 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038229.D
Acq: 29 Nov 2018 11:09

**Instrument :**
BNA_G
**ClientSampleId :**
112618-CHDE-F-U-S

Tgt Ion:264 Resp: 200890

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 18.2 | 27.4 |
| 265 | 21.1 | 17.9 | 26.9 |