Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033489.D
Acq On : 2 Apr 2018 16:16
Operator : SJ/JU
Sample : J2173-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** QNWP8-MW30S-GW

Quant Time: Apr 03 04:28:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.87 | 152 | 33475 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.75 | 136 | 148727 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.48 | 164 | 121376 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 18.21 | 188 | 319555 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.55 | 240 | 331458 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 26.32 | 264 | 353260 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.30 | 112 | 110093 | 61.67 | ng | 0.00 |
| 7) Phenol-d6 | 7.98 | 99 | 96324 | 31.40 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 10.06 | 82 | 288295 | 89.06 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.95 | 330 | 237461 | 130.81 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 14.11 | 172 | 737346 | 87.70 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.73 | 244 | 1291373 | 83.32 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 51) Acenaphthene | 15.54 | 154 | 41853 | 5.410 | ng | 95 |

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

Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033489.D
Acq On : 2 Apr 2018 16:16
Operator : SJ/JU
Sample : J2173-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
QNWP8-MW30S-GW

Quant Time: Apr 03 04:28:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
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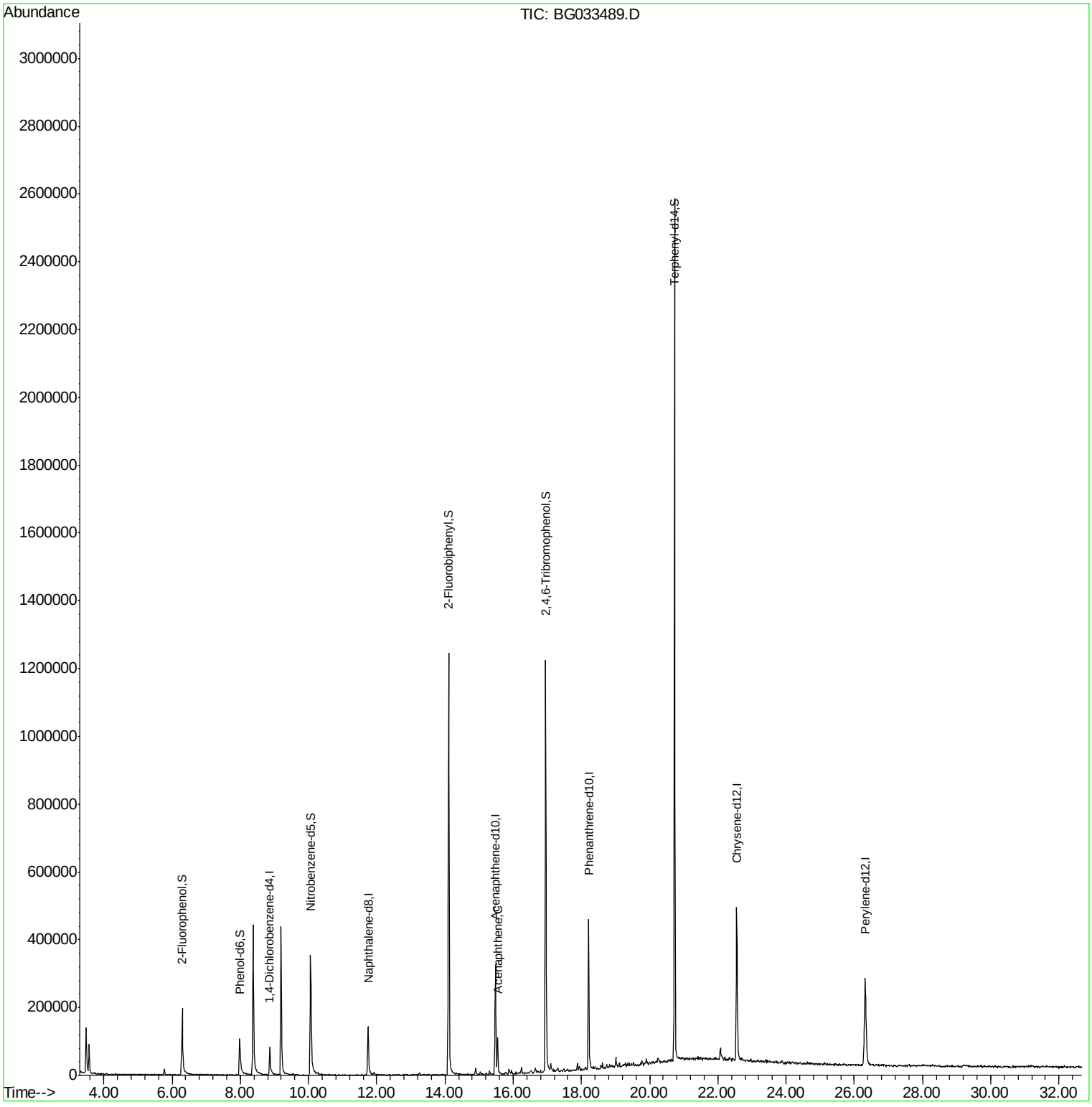
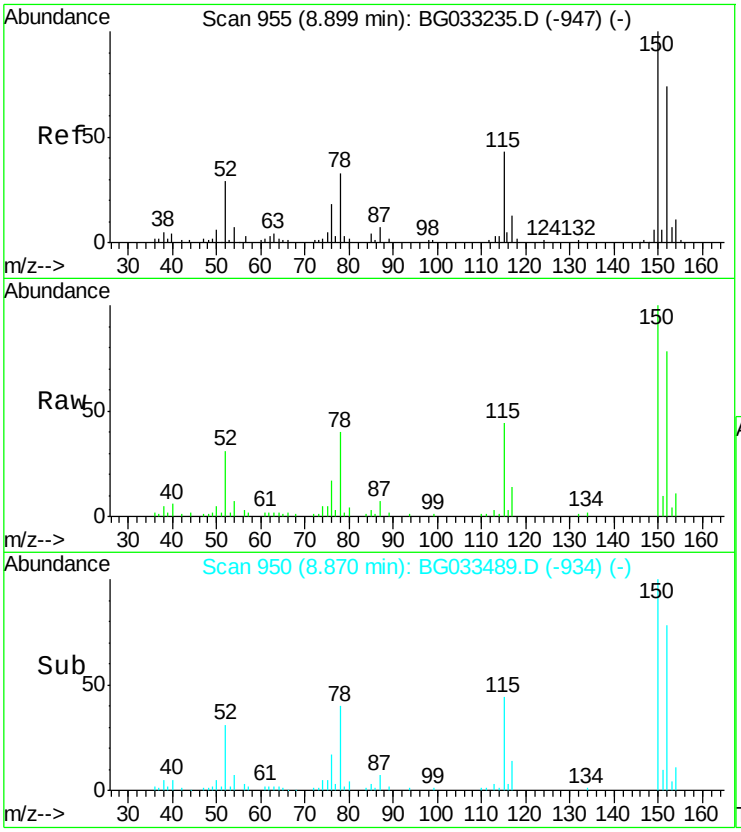


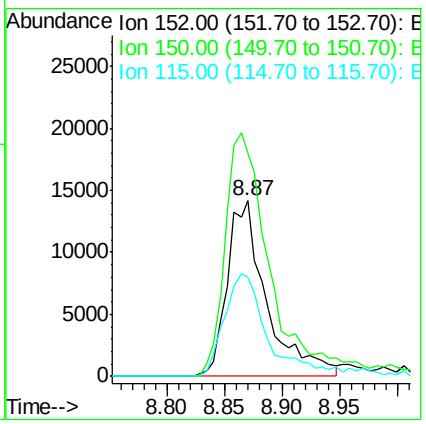


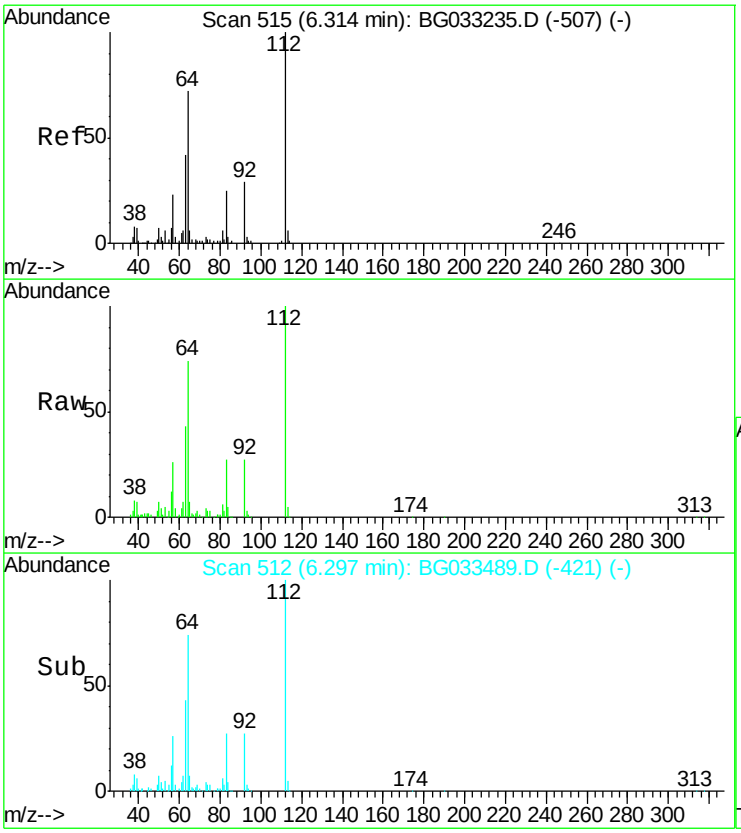

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

**Instrument :**
BNA_G
**ClientSampleId :**
QNWP8-MW30S-GW

Tgt Ion:152 Resp: 33475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 127.5 | 126.6 | 189.8 |
| 115 | 56.5 | 53.0 | 79.4 |

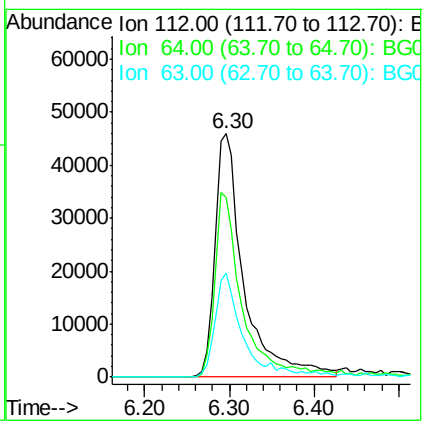


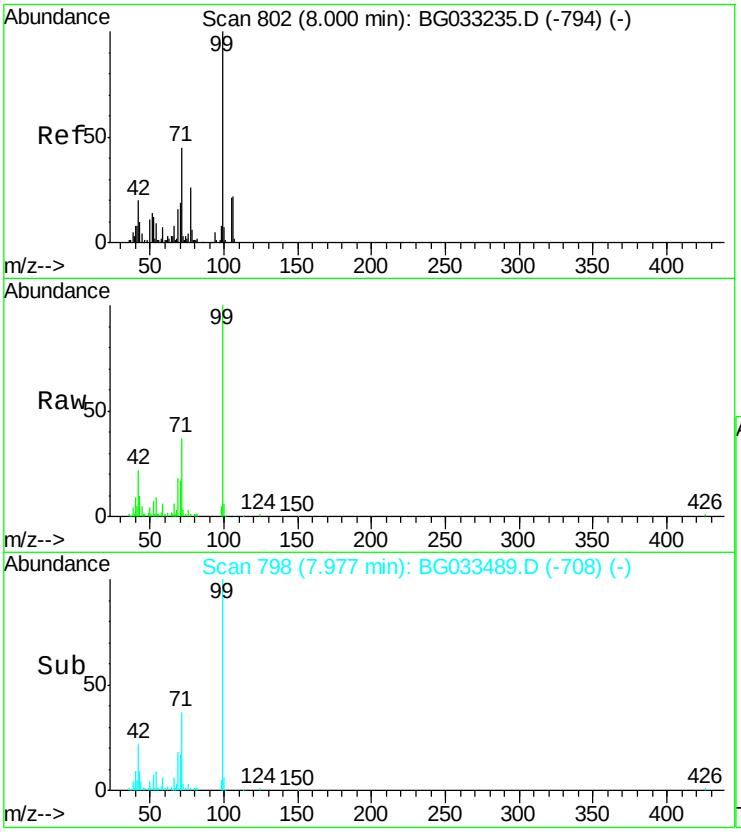




#5
2-Fluorophenol
Concen: 61.669 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Tgt Ion:112 Resp: 110093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 73.6 | 56.3 | 84.5 |
| 63 | 42.9 | 30.1 | 45.1 |



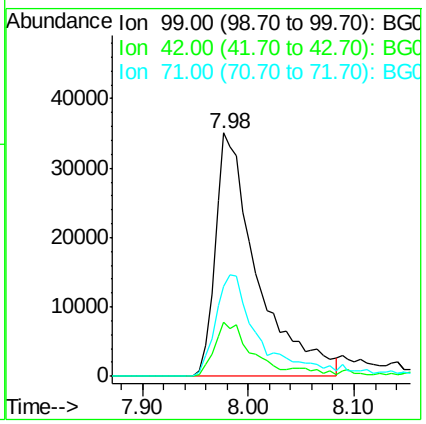


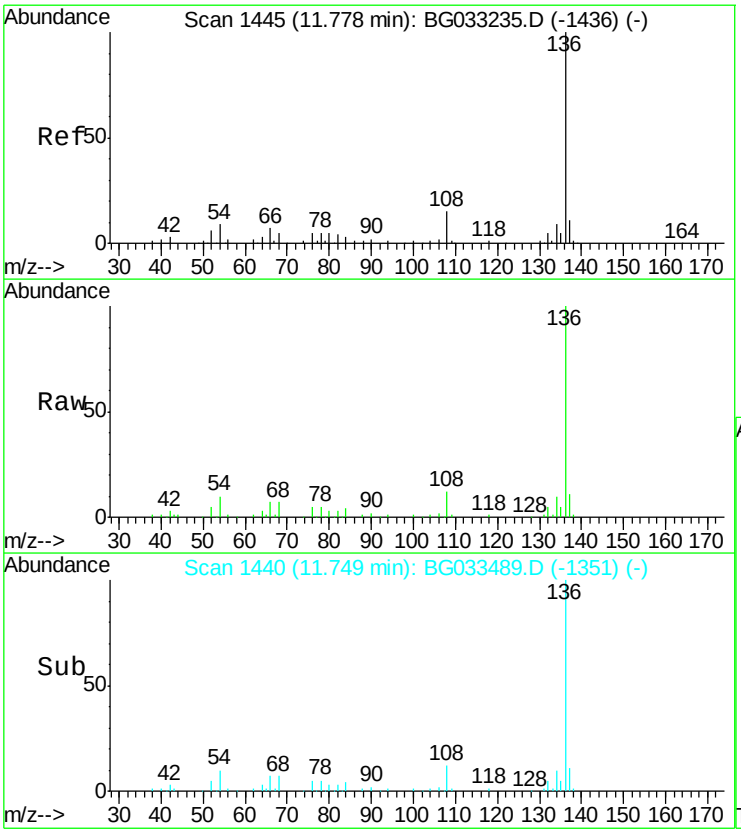

#7
Phenol-d6
Concen: 31.403 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

**Instrument :**
BNA_G
**ClientSampleId :**
QNWP8-MW30S-GW

Tgt Ion: 99 Resp: 96324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.2 | 14.1 | 21.1# |
| 71 | 37.2 | 26.1 | 39.1 |

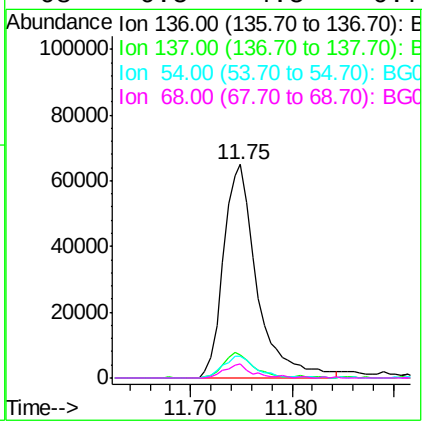


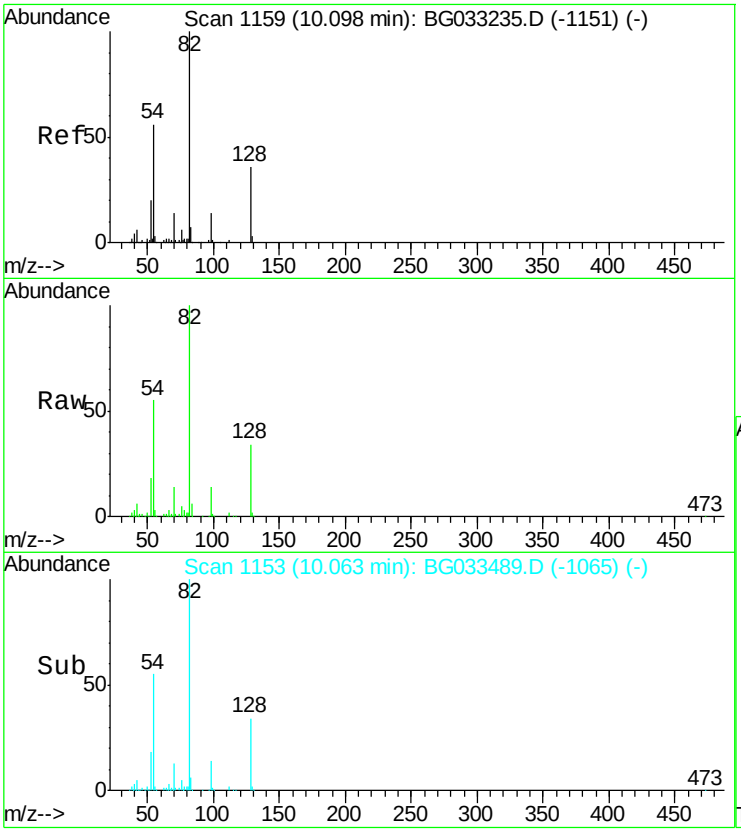




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Tgt Ion:136 Resp: 148727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.2 | 13.8 |
| 54 | 10.5 | 10.3 | 15.5 |
| 68 | 6.5 | 4.5 | 6.7 |



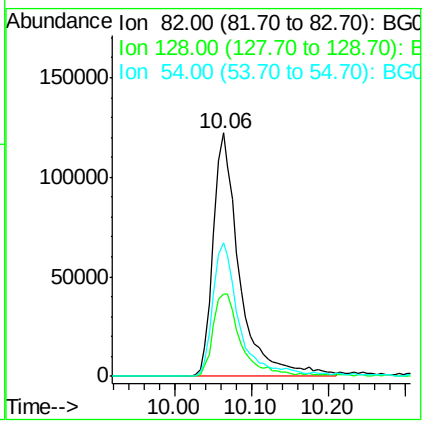


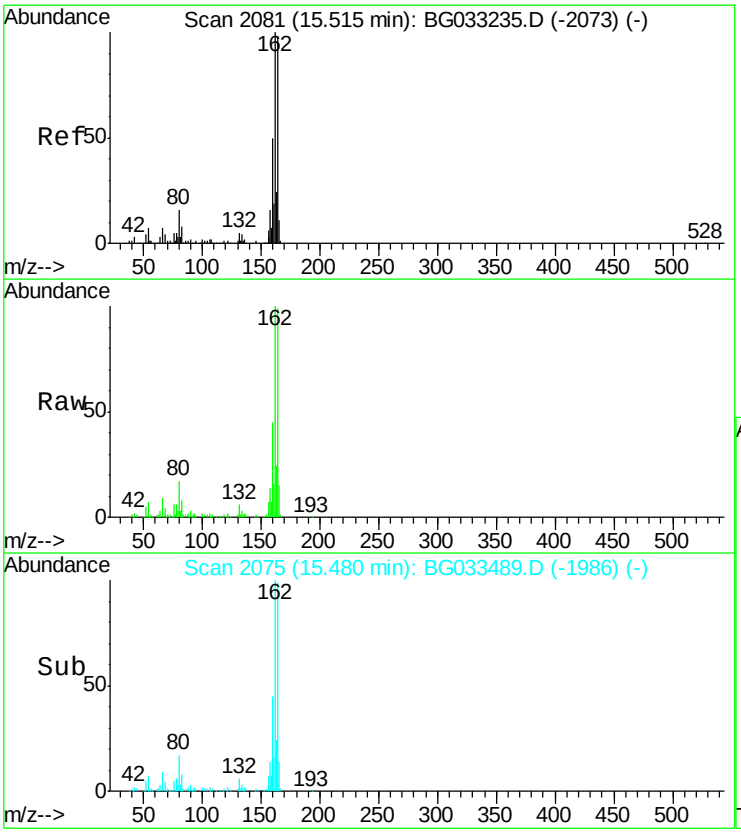

#23
Nitrobenzene-d5
Concen: 89.059 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

**Instrument :**
BNA_G
**ClientSampleId :**
QNWP8-MW30S-GW

Tgt Ion: 82 Resp: 288295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 33.9 | 29.7 | 44.5 |
| 54 | 55.1 | 43.1 | 64.7 |

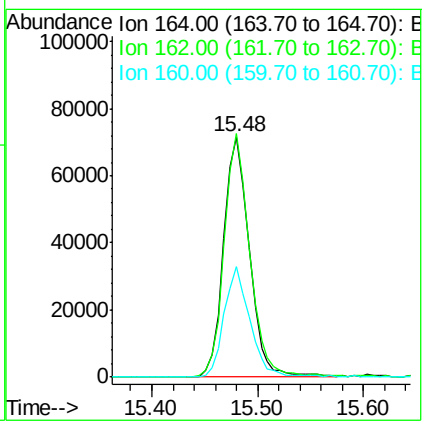


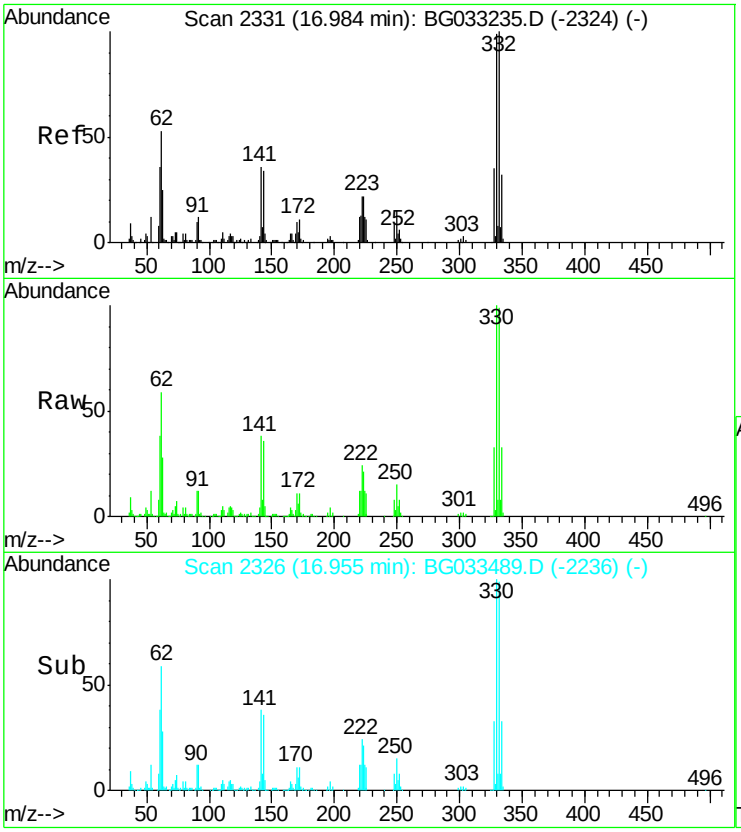




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Tgt Ion:164 Resp: 121376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.3 | 78.8 | 118.2 |
| 160 | 46.0 | 35.4 | 53.0 |



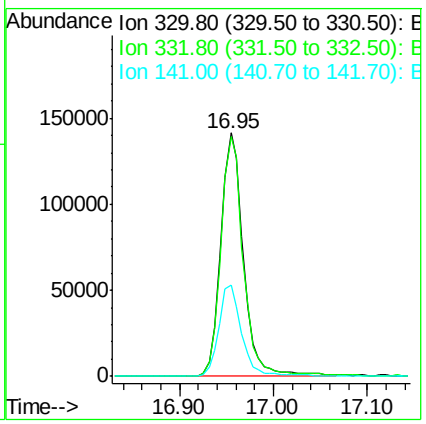


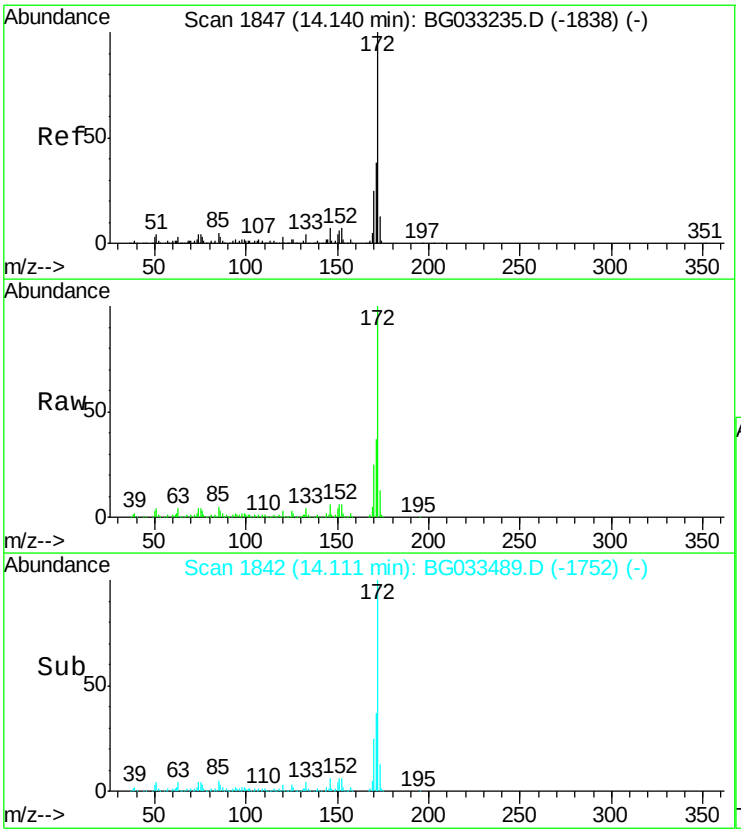

#41
2,4,6-Tribromophenol
Concen: 130.809 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

**Instrument :**
BNA_G
**ClientSampleId :**
QNWP8-MW30S-GW

Tgt Ion:330 Resp: 237461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.8 | 77.0 | 115.6 |
| 141 | 36.7 | 25.2 | 37.8 |

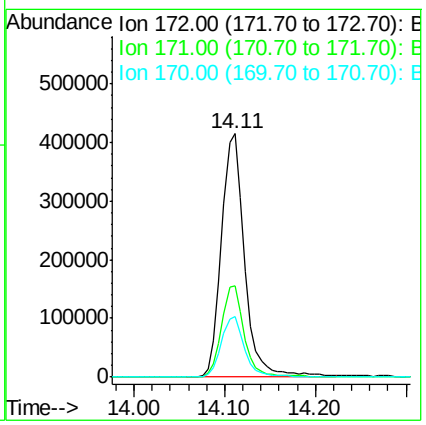


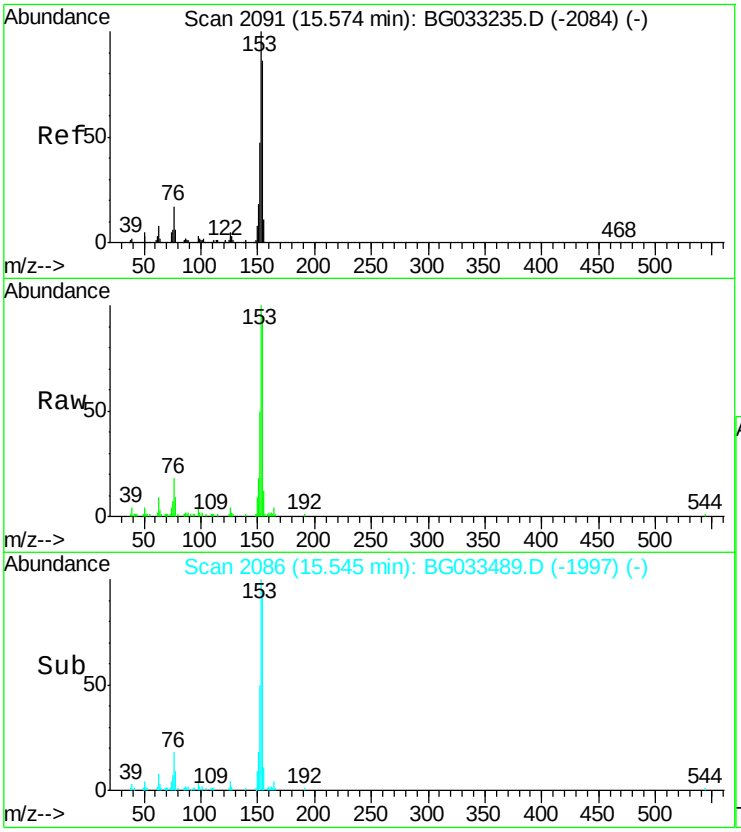




#44
2-Fluorobiphenyl
Concen: 87.699 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Tgt Ion:172 Resp: 737346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.3 | 30.0 | 45.0 |
| 170 | 24.7 | 19.5 | 29.3 |



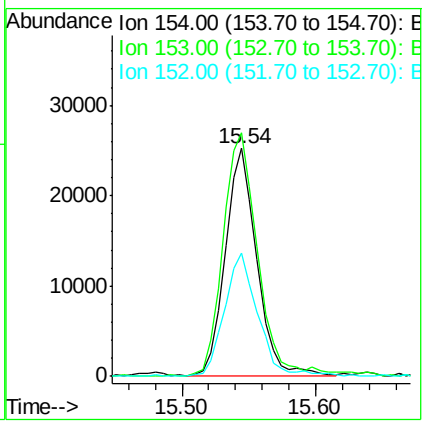


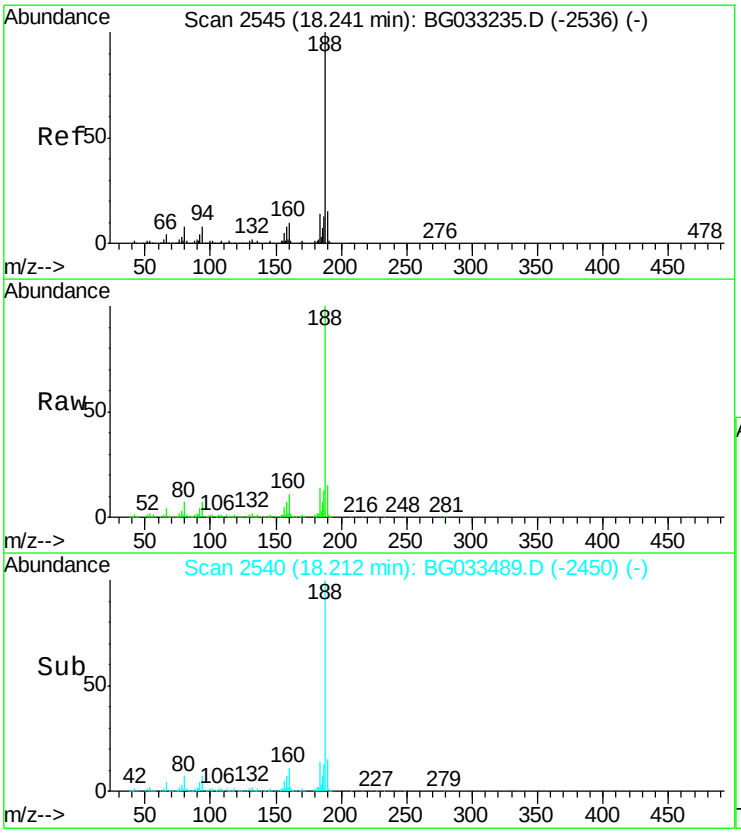

#51
Acenaphthene
Concen: 5.410 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

**Instrument :**
BNA_G
**ClientSampleId :**
QNWP8-MW30S-GW

Tgt Ion:154 Resp: 41853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 107.0 | 90.4 | 135.6 |
| 152 | 53.9 | 41.6 | 62.4 |

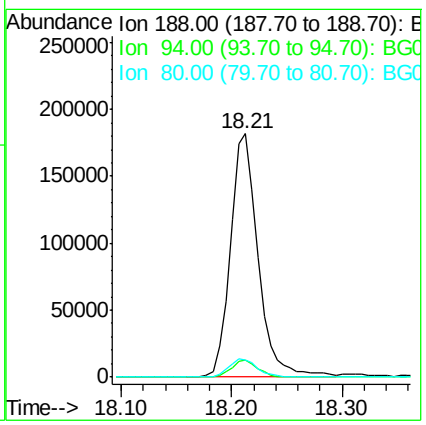


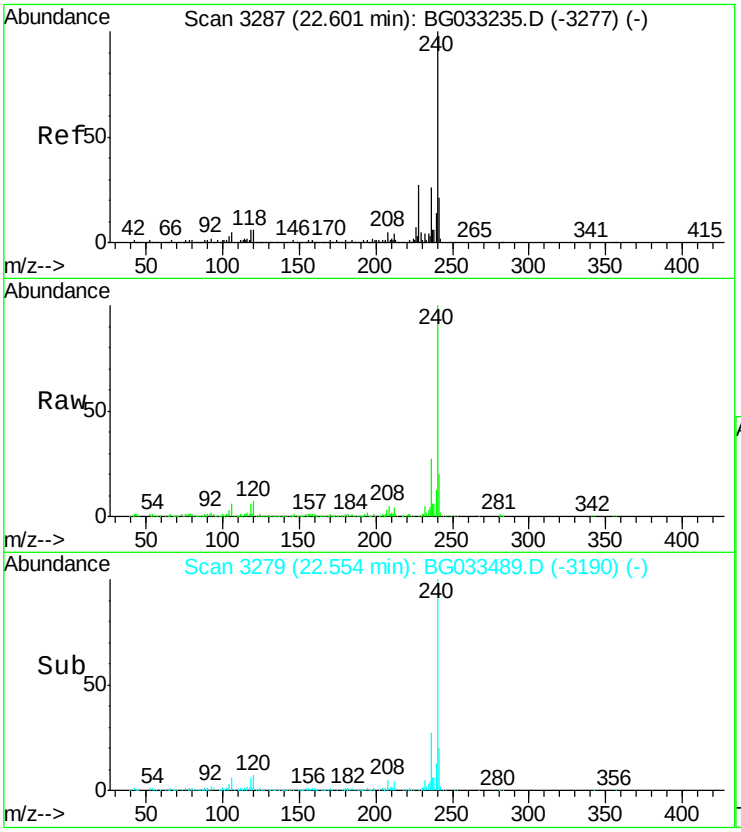




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Tgt Ion:188 Resp: 319555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.1 | 6.9 | 10.3 |
| 80 | 7.0 | 7.7 | 11.5# |



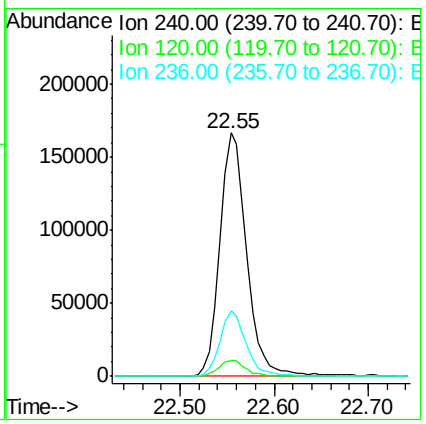


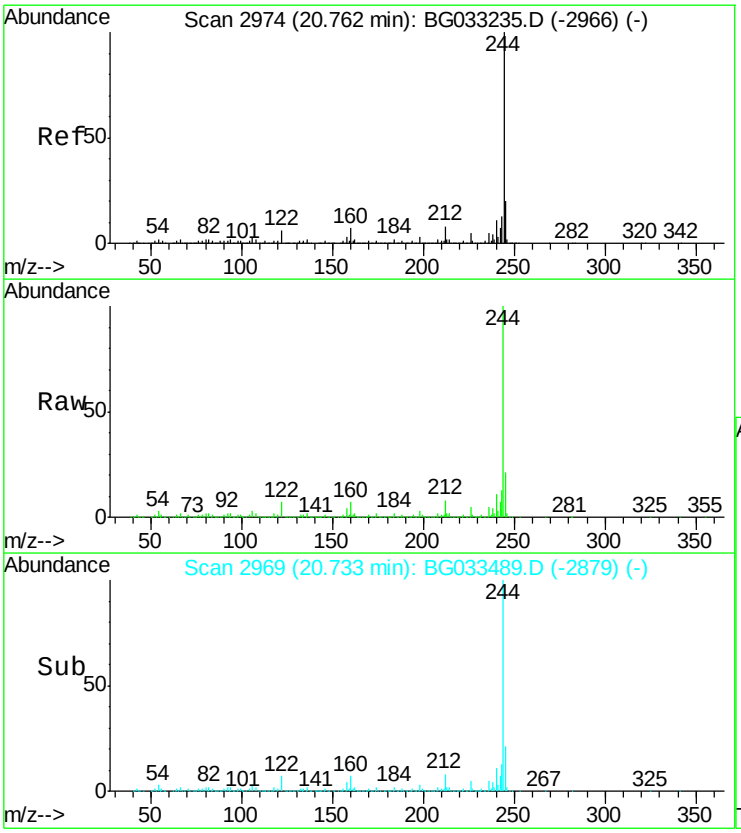

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

**Instrument :**
BNA_G
**ClientSampleId :**
QNWP8-MW30S-GW

Tgt Ion:240 Resp: 331458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.6 | 6.8 | 10.2# |
| 236 | 27.2 | 20.9 | 31.3 |

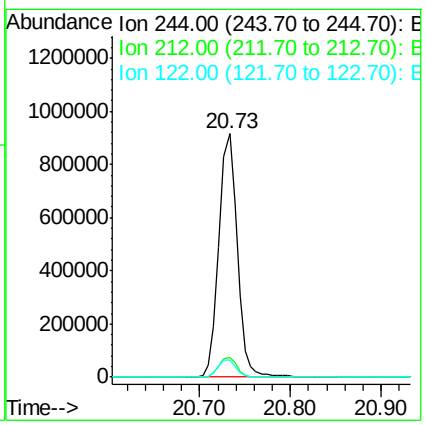


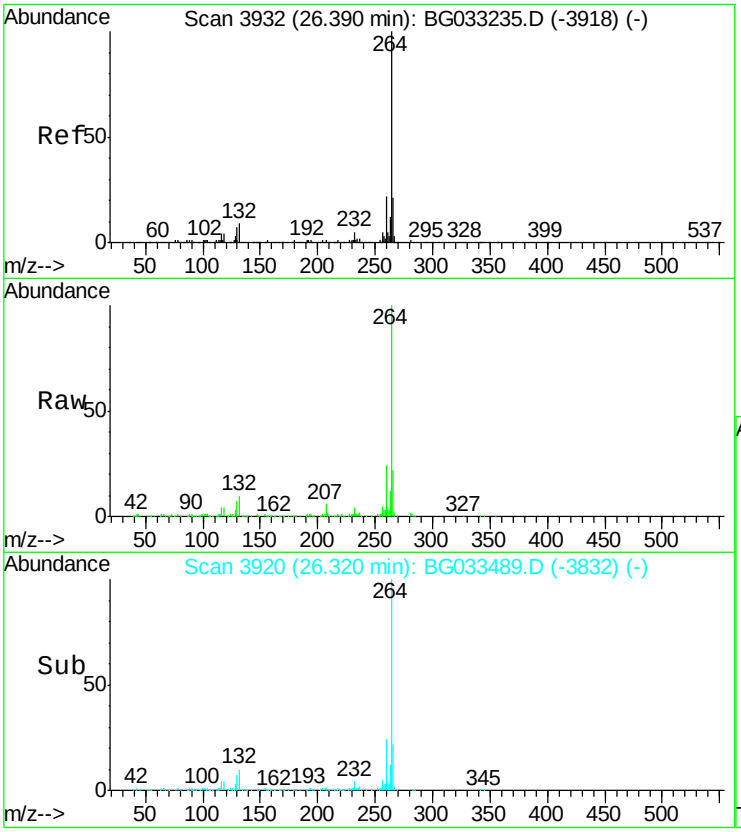




#78
Terphenyl-d14
Concen: 83.321 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

Tgt Ion:244 Resp: 1291373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 5.8 | 8.8 |
| 122 | 6.8 | 7.0 | 10.4# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033489.D
Acq: 2 Apr 2018 16:16

**Instrument :**
BNA_G
**ClientSampleId :**
QNWP8-MW30S-GW

Tgt Ion:264 Resp: 353260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 17.4 | 26.0 |
| 265 | 21.9 | 17.7 | 26.5 |