Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033682.D
Acq On : 9 Apr 2018 16:01
Operator : SJ/JU
Sample : J2236-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** MW-103

Quant Time: Apr 10 07:00:17 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.86 | 152 | 42647 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.74 | 136 | 177995 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.47 | 164 | 136978 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 18.21 | 188 | 352553 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 22.55 | 240 | 343016 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 26.31 | 264 | 368939 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.29 | 112 | 140982 | 61.99 | ng | 0.00 |
| 7) Phenol-d6 | 7.97 | 99 | 129885 | 33.24 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 10.06 | 82 | 329095 | 84.95 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.95 | 330 | 242527 | 118.38 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 14.10 | 172 | 787346 | 82.98 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.73 | 244 | 1369368 | 85.38 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Pyridine | 4.39 | 79 | 23780 | 7.448 | ng | 94 |
| 10) Phenol | 8.01 | 94 | 8631 | 2.237 | ng | 78 |
| 20) 3+4-Methylphenols | 9.63 | 107 | 10150 | 2.712 | ng | 83 |

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

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Acq On : 9 Apr 2018 16:01
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Misc :
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**Instrument :**
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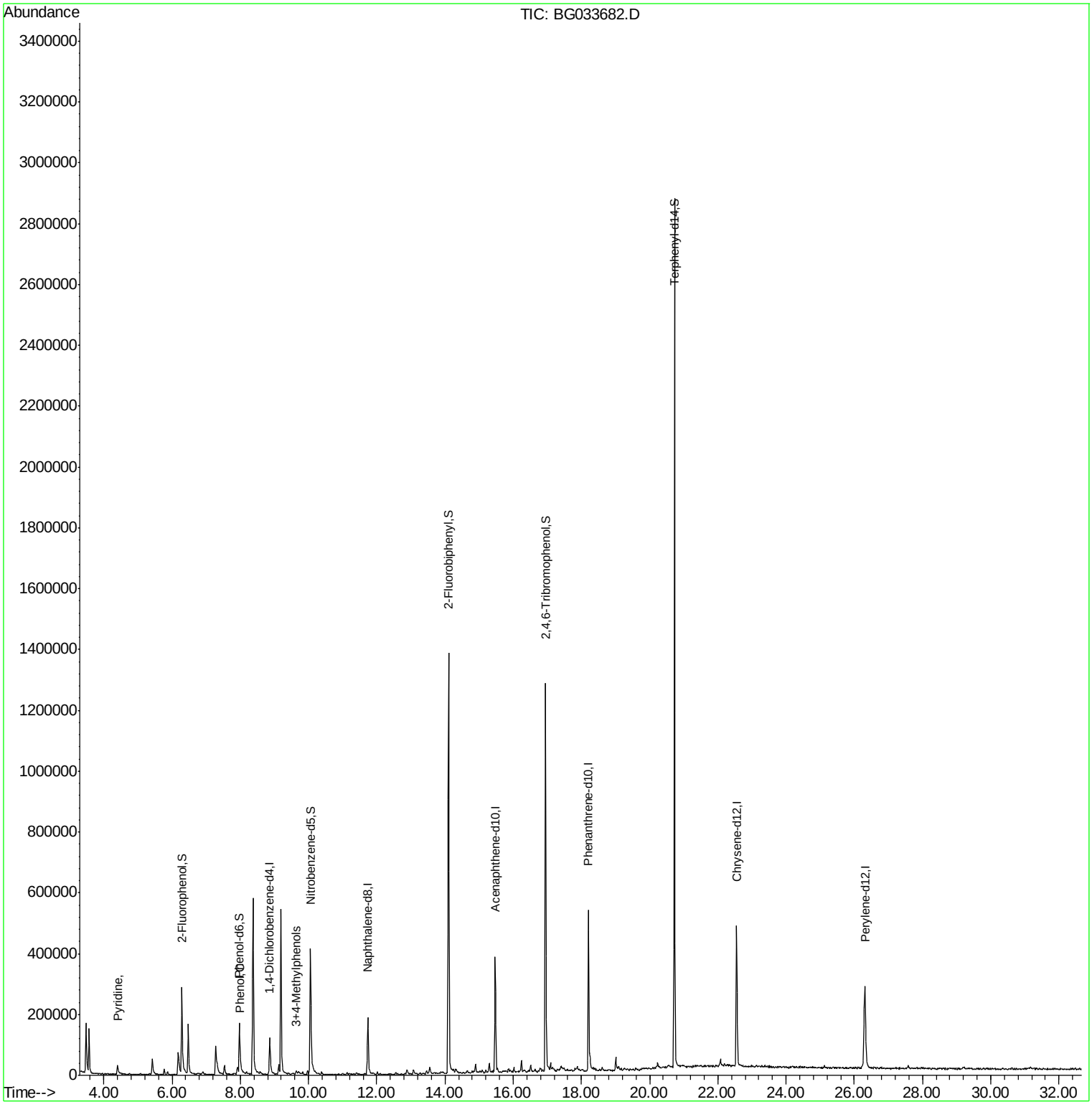
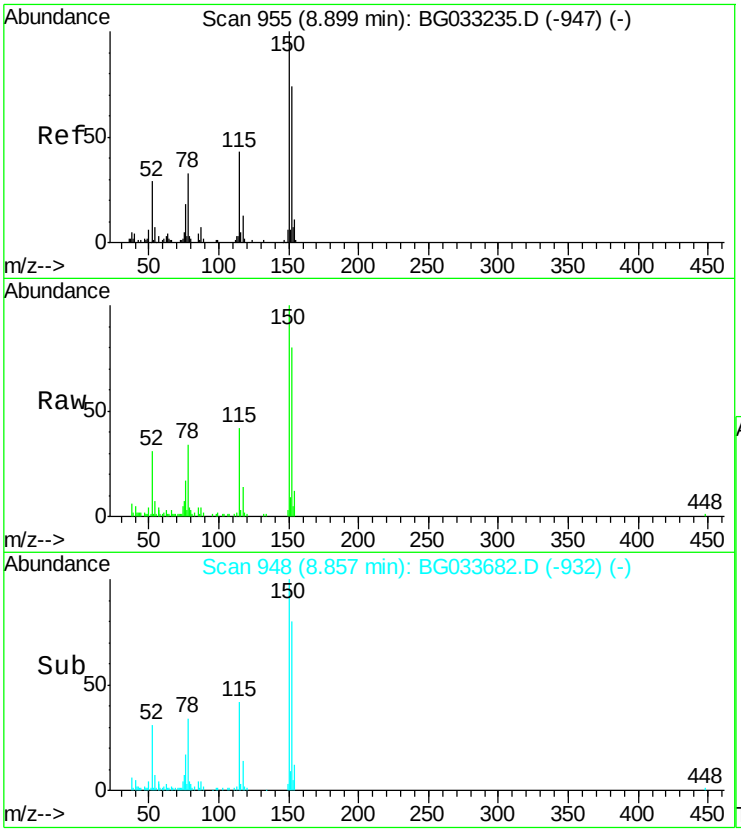


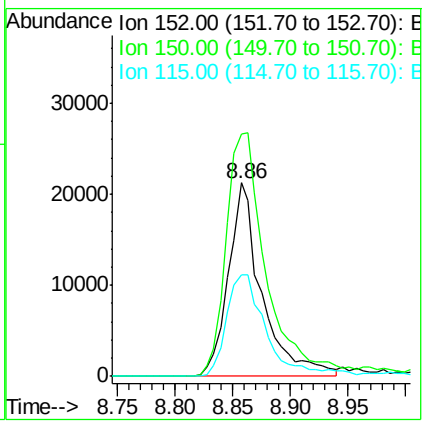


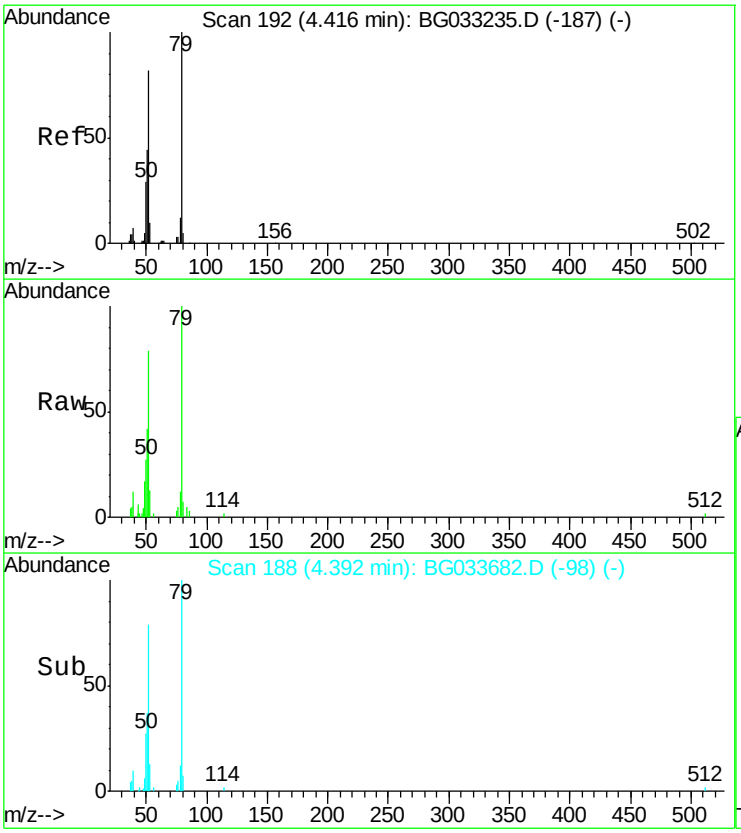

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

**Instrument :**
BNA_G
**ClientSampleId :**
MW-103

Tgt Ion:152 Resp: 42647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 125.7 | 126.6 | 189.8# |
| 115 | 52.7 | 53.0 | 79.4# |

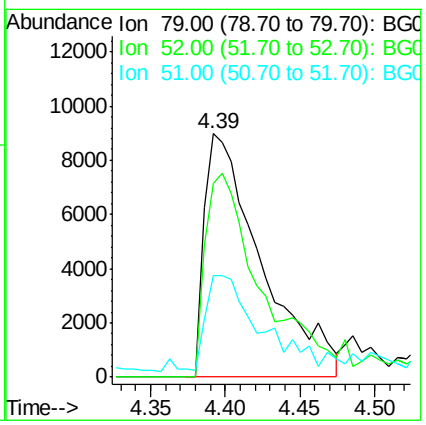


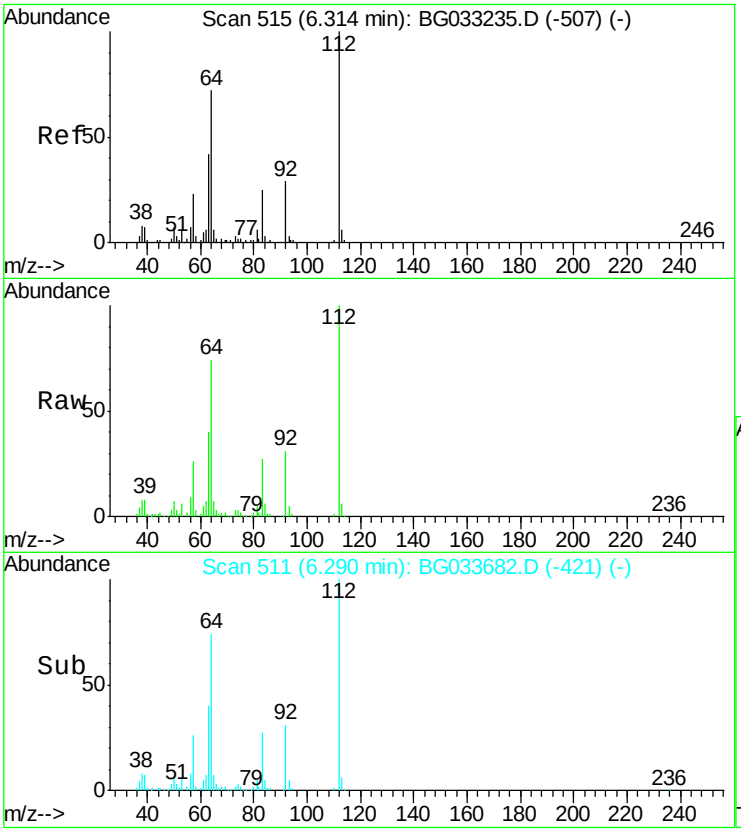




#3
Pyridine
Concen: 7.448 ng
RT: 4.39 min Scan# 188
Delta R.T. -0.00 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

Tgt Ion: 79 Resp: 23780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 79.5 | 69.9 | 104.9 |
| 51 | 41.6 | 34.0 | 51.0 |



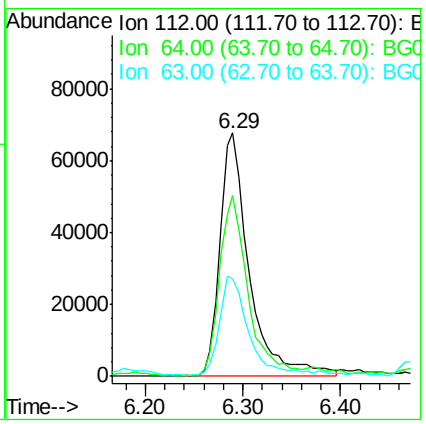


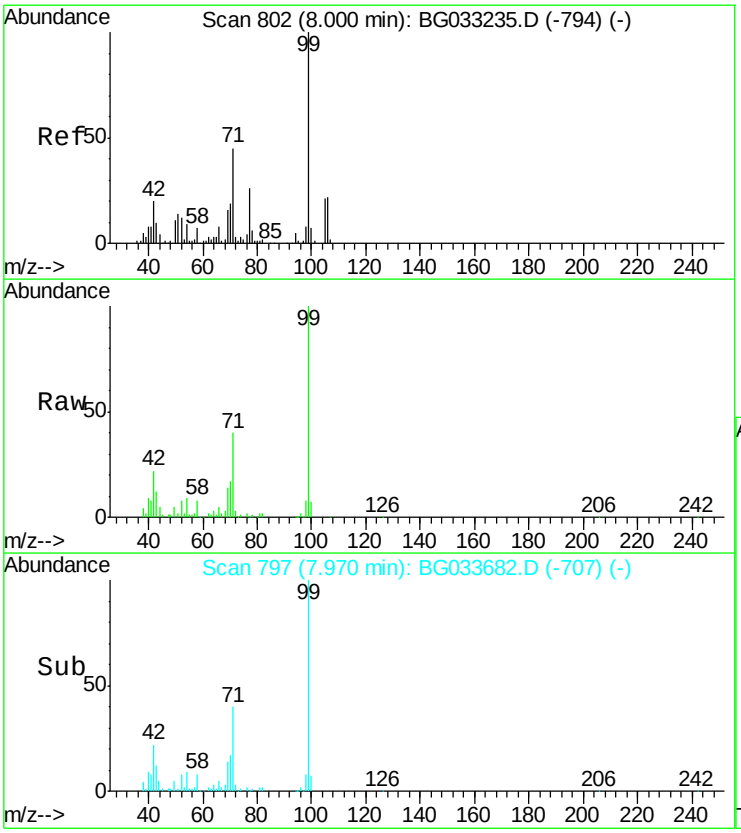

#5
2-Fluorophenol
Concen: 61.988 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

**Instrument :**
BNA_G
**ClientSampleId :**
MW-103

Tgt Ion:112 Resp: 140982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.1 | 56.3 | 84.5 |
| 63 | 40.1 | 30.1 | 45.1 |

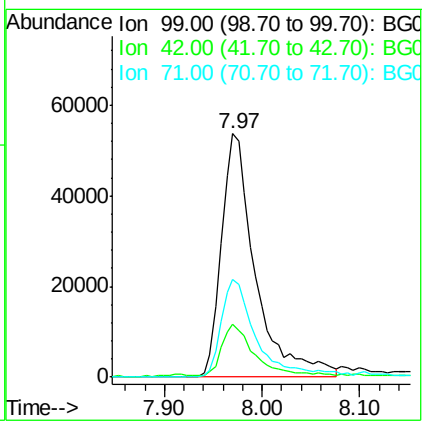


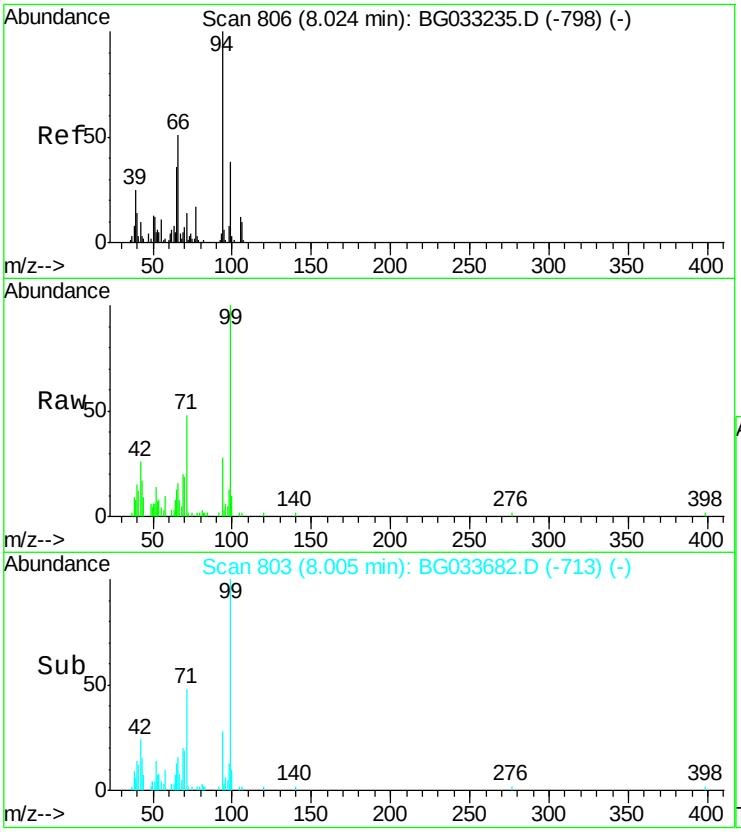




#7
Phenol-d6
Concen: 33.237 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

Tgt Ion: 99 Resp: 129885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.6 | 14.1 | 21.1# |
| 71 | 39.9 | 26.1 | 39.1# |



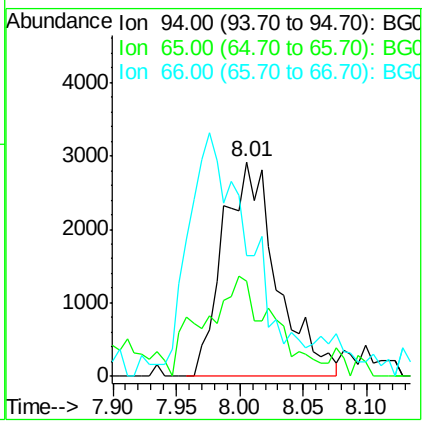


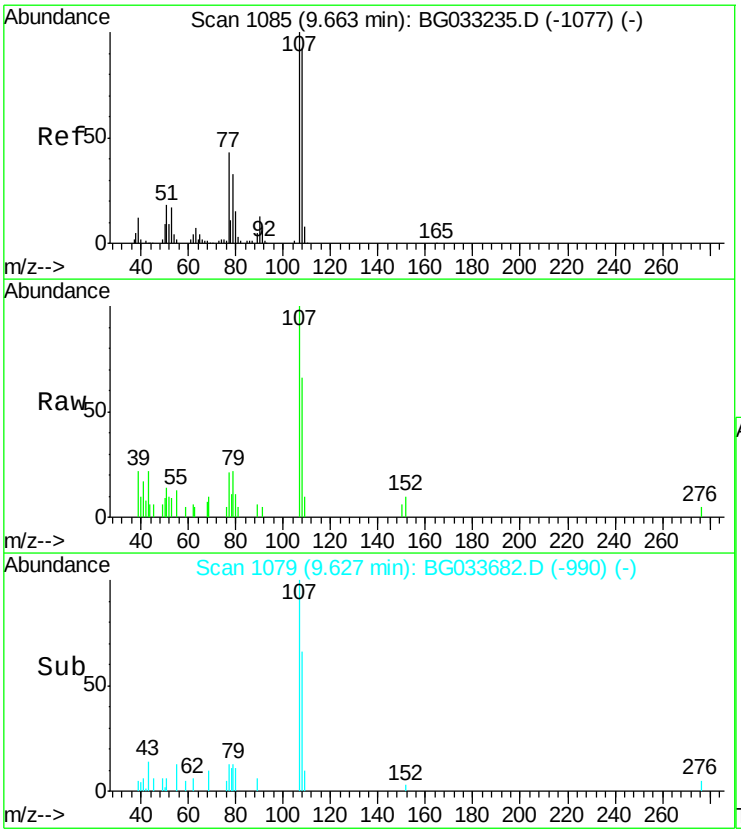

#10
Phenol
Concen: 2.237 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

**Instrument :**
BNA_G
**ClientSampleId :**
MW-103

Tgt Ion: 94 Resp: 8631

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 44.5 | 11.9 | 51.9 |
| 66 | 56.3 | 22.2 | 62.2 |

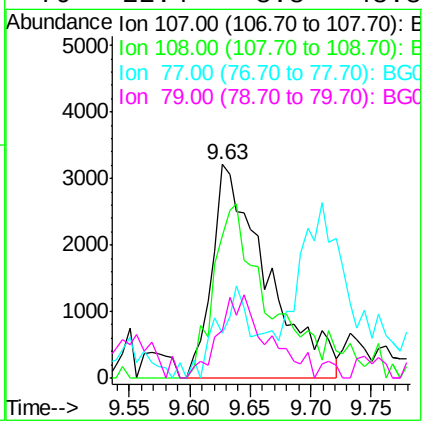


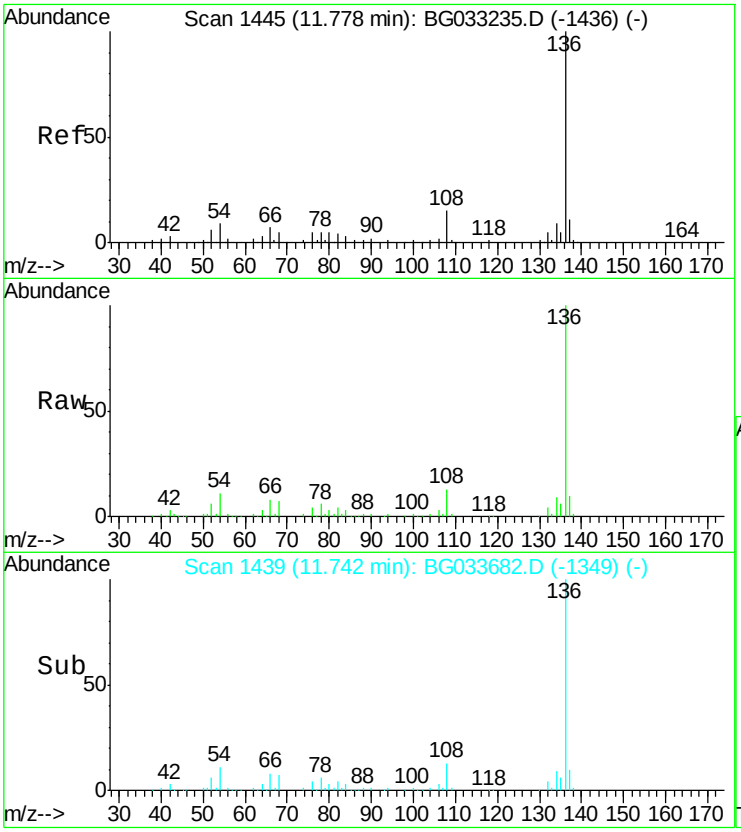




#20
3+4-Methylphenols
Concen: 2.712 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

Tgt Ion:107 Resp: 10150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 66.4 | 61.6 | 101.6 |
| 77 | 21.1 | 13.9 | 53.9 |
| 79 | 22.4 | 8.8 | 48.8 |



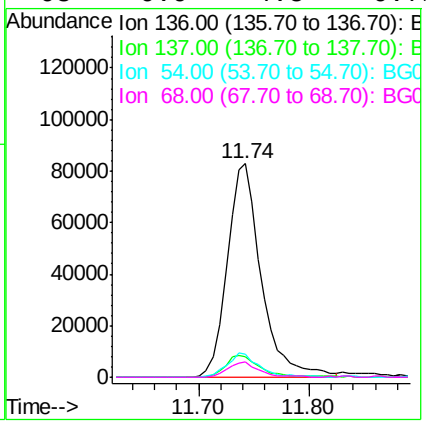


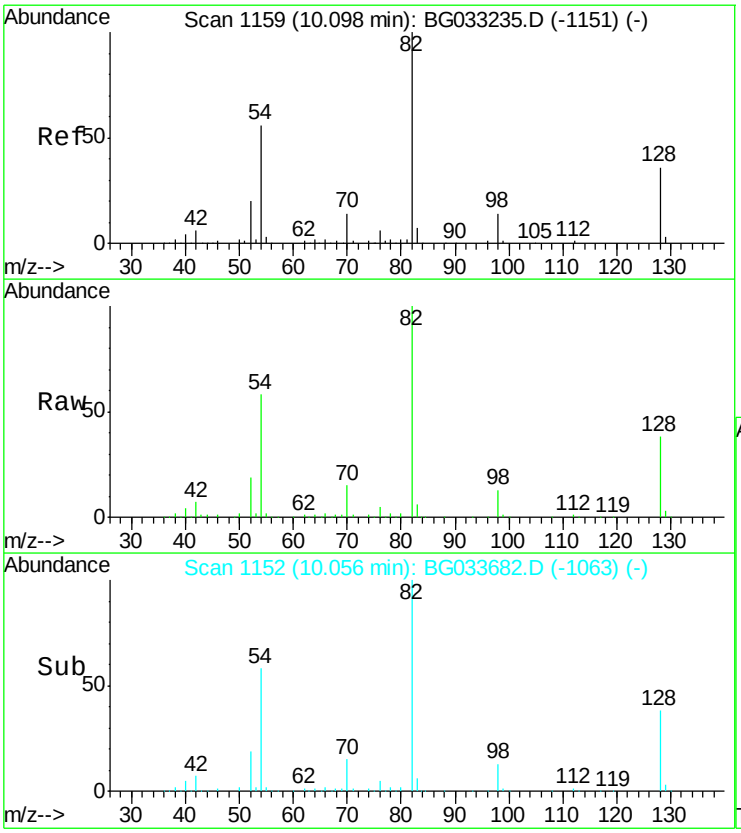

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

**Instrument :**
BNA_G
**ClientSampleId :**
MW-103

Tgt Ion:136 Resp: 177995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.7 | 9.2 | 13.8 |
| 54 | 11.1 | 10.3 | 15.5 |
| 68 | 6.9 | 4.5 | 6.7# |

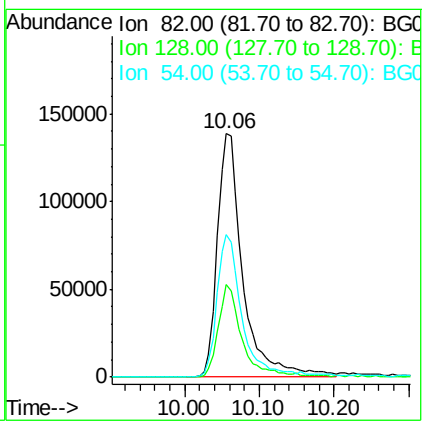


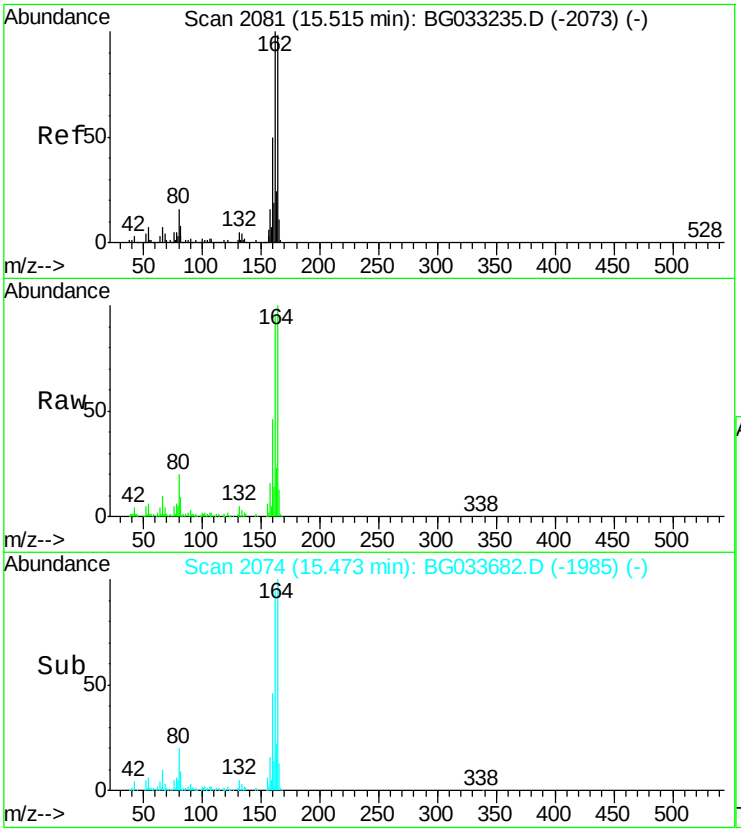




#23
Nitrobenzene-d5
Concen: 84.946 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

Tgt Ion: 82 Resp: 329095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.1 | 29.7 | 44.5 |
| 54 | 58.3 | 43.1 | 64.7 |



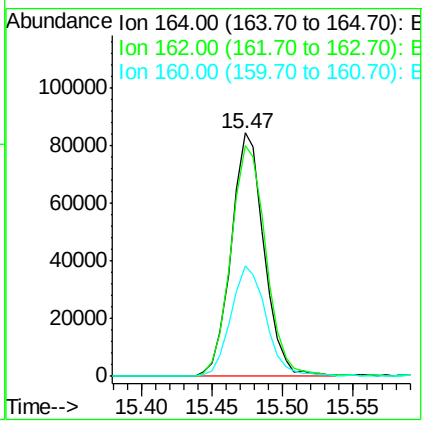


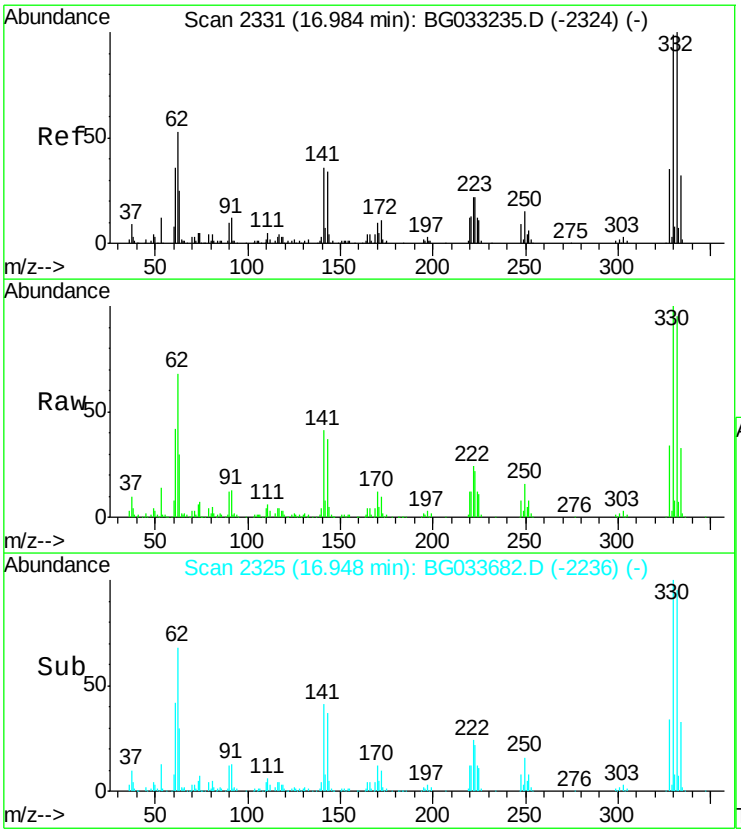

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

**Instrument :**
BNA_G
**ClientSampleId :**
MW-103

Tgt Ion:164 Resp: 136978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 94.9 | 78.8 | 118.2 |
| 160 | 45.6 | 35.4 | 53.0 |

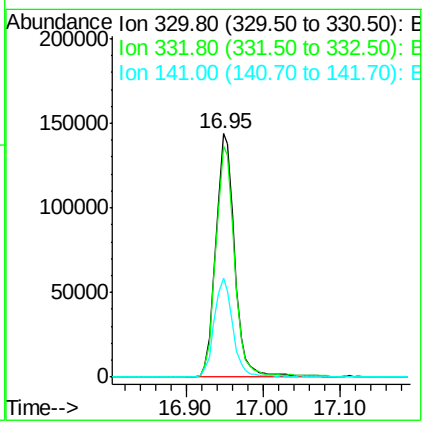


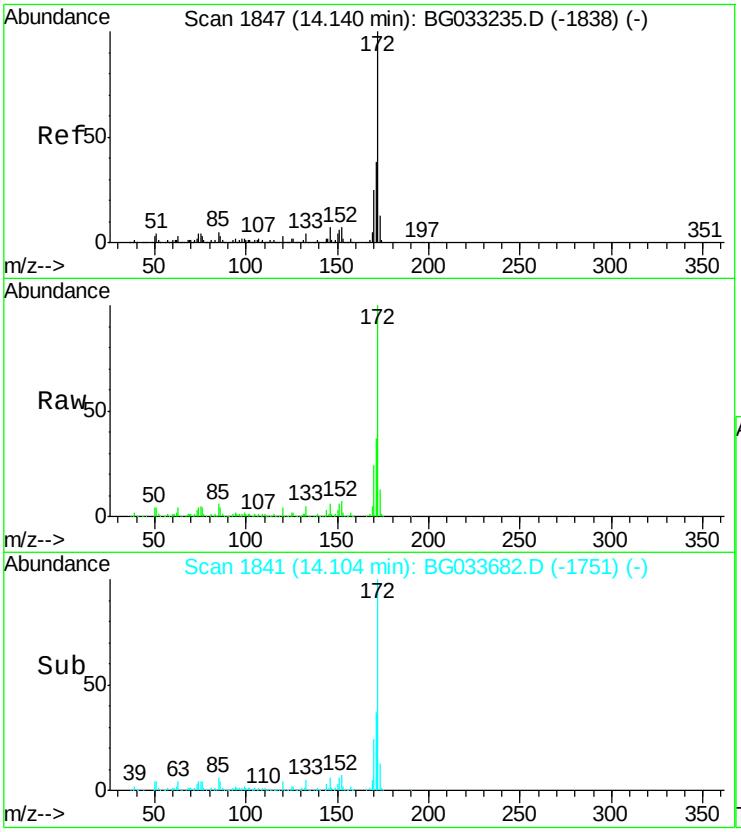




#41
2,4,6-Tribromophenol
Concen: 118.383 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

Tgt Ion:330 Resp: 242527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.7 | 77.0 | 115.6 |
| 141 | 39.8 | 25.2 | 37.8# |



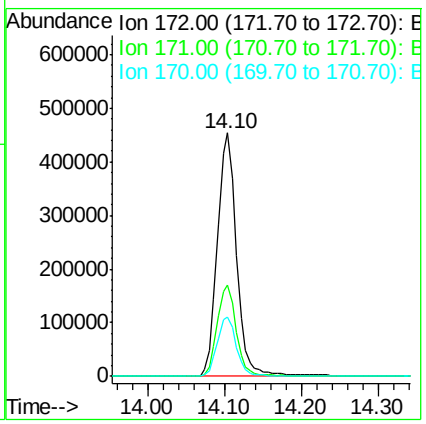


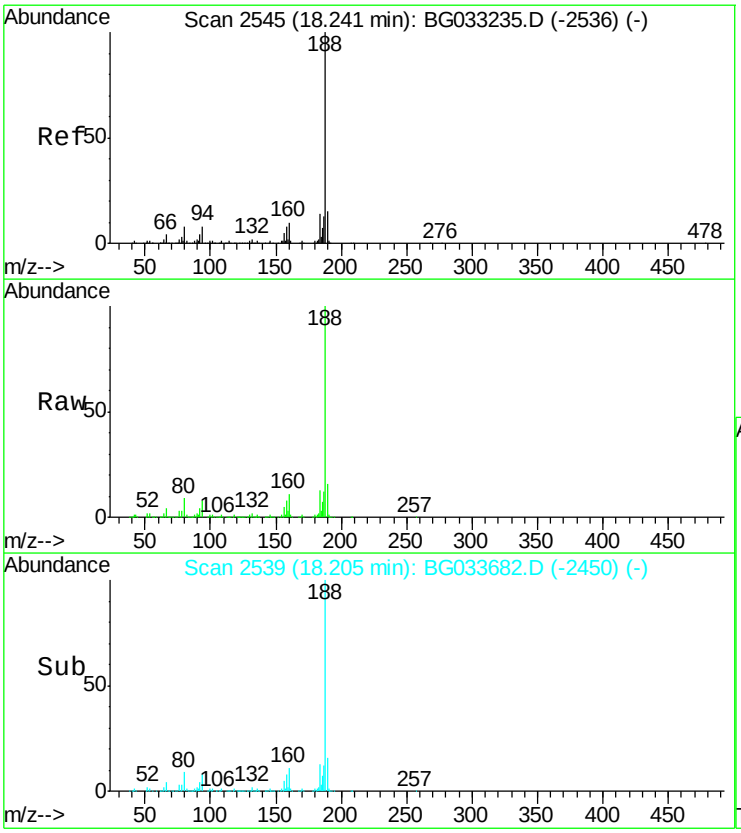

#44
2-Fluorobiphenyl
Concen: 82.980 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

**Instrument :**
BNA_G
**ClientSampleId :**
MW-103

Tgt Ion:172 Resp: 787346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.4 | 30.0 | 45.0 |
| 170 | 24.2 | 19.5 | 29.3 |

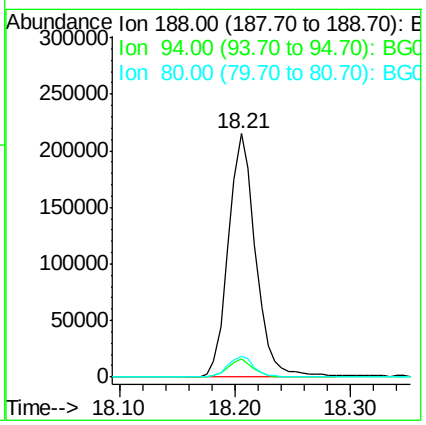


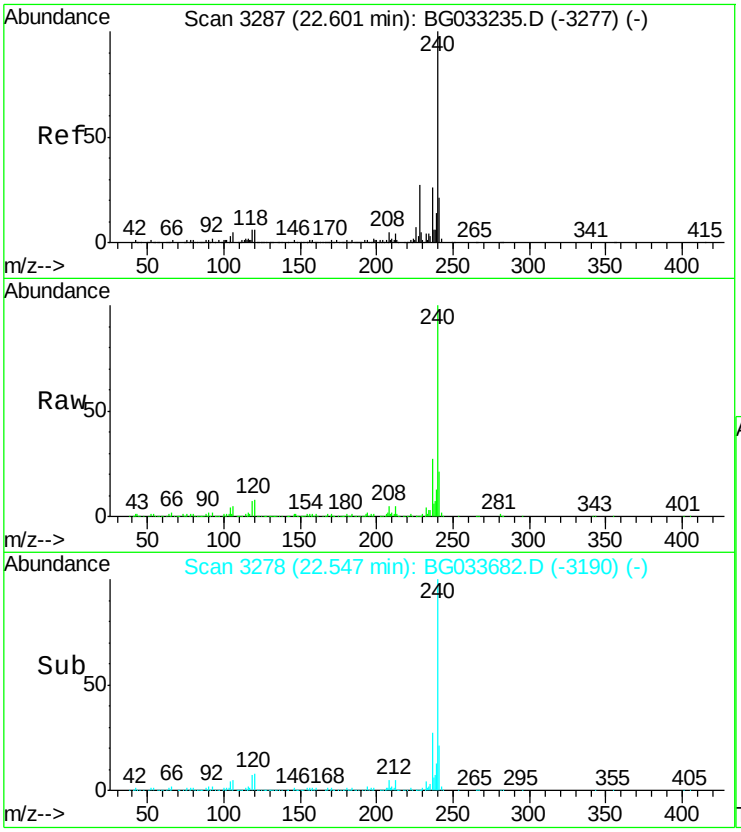




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

Tgt Ion:188 Resp: 352553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.7 | 6.9 | 10.3 |
| 80 | 8.6 | 7.7 | 11.5 |



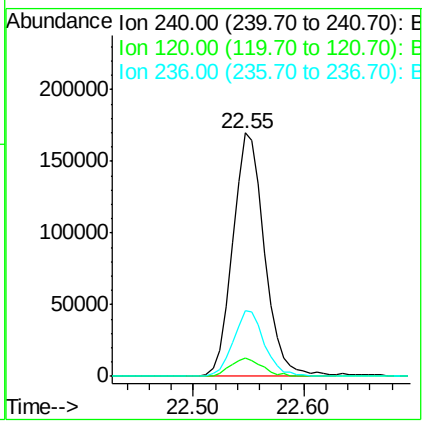


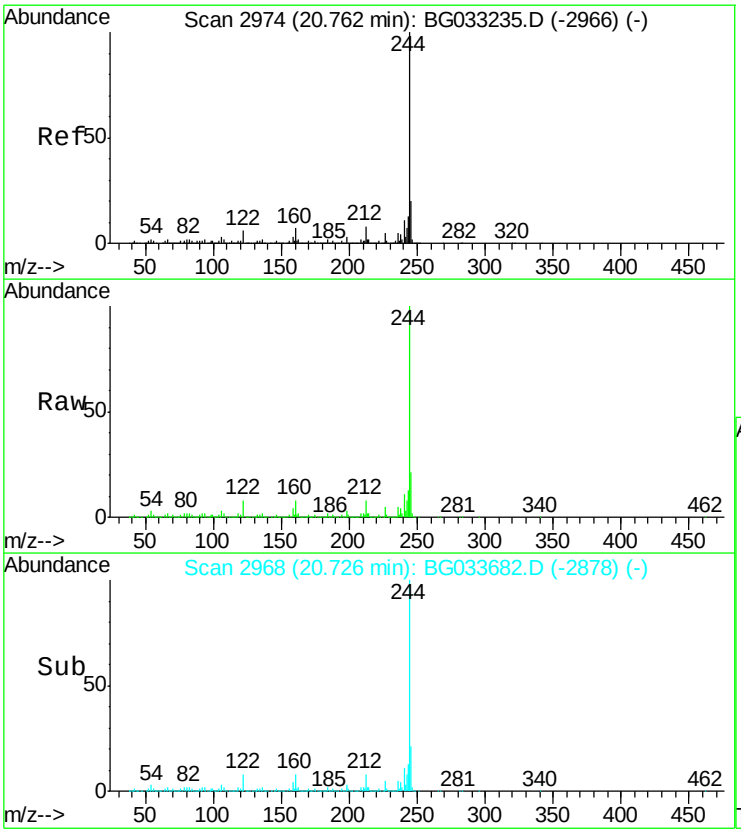

#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

**Instrument :**
BNA_G
**ClientSampleId :**
MW-103

Tgt Ion:240 Resp: 343016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.6 | 6.8 | 10.2 |
| 236 | 27.1 | 20.9 | 31.3 |

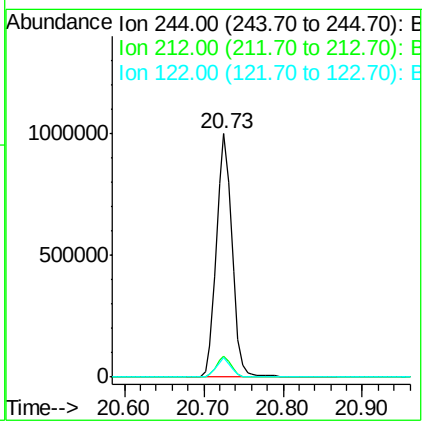


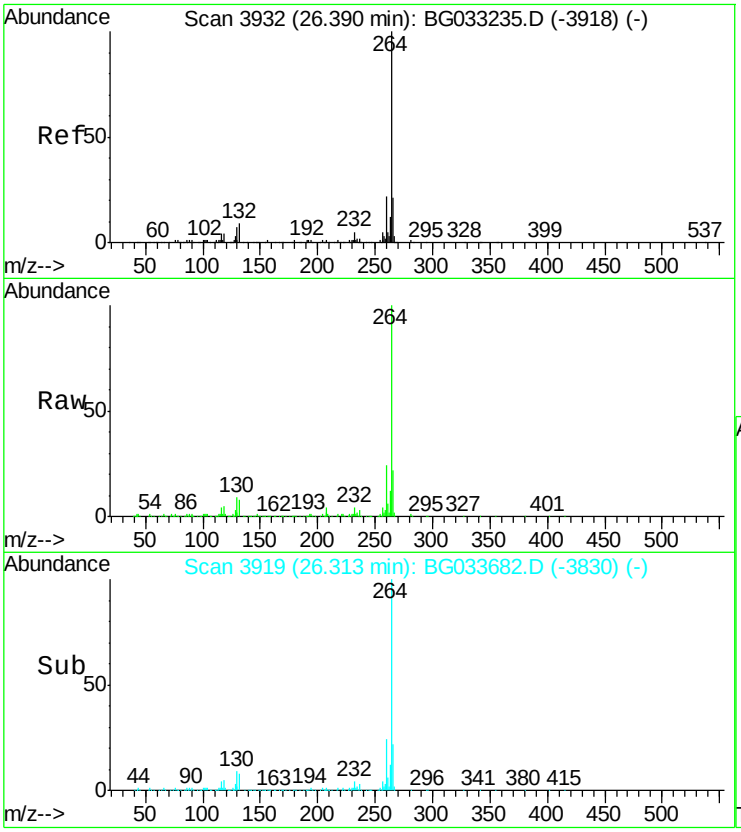




#78
Terphenyl-d14
Concen: 85.376 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

Tgt Ion:244 Resp: 1369368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.4 | 5.8 | 8.8 |
| 122 | 7.8 | 7.0 | 10.4 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033682.D
Acq: 9 Apr 2018 16:01

**Instrument :**
BNA_G
**ClientSampleId :**
MW-103

Tgt Ion:264 Resp: 368939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 17.4 | 26.0 |
| 265 | 21.7 | 17.7 | 26.5 |