Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032688.D
Acq On : 14 Feb 2018 19:30
Operator : SJ/JU
Sample : J1540-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CB-5-LINE-SW@3

Quant Time: Feb 15 04:09:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.65 | 152 | 23915 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 11.53 | 136 | 103063 | 20.00 | ng | | -0.02 |
| 38) Acenaphthene-d10 | 15.29 | 164 | 81135 | 20.00 | ng | | -0.02 |
| 63) Phenanthrene-d10 | 18.03 | 188 | 252745 | 20.00 | ng | | -0.02 |
| 75) Chrysene-d12 | 22.35 | 240 | 362104 | 20.00 | ng | | -0.02 |
| 86) Perylene-d12 | 25.99 | 264 | 384554 | 20.00 | ng | | -0.03 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.10 | 112 | 161955 | 135.87 | ng | | -0.02 |
| 7) Phenol-d6 | 7.78 | 99 | 207038 | 127.03 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 9.85 | 82 | 146215 | 90.17 | ng | | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.77 | 330 | 247367 | 198.00 | ng | | -0.02 |
| 44) 2-Fluorobiphenyl | 13.92 | 172 | 535980 | 82.61 | ng | | 0.00 |
| 78) Terphenyl-d14 | 20.58 | 244 | 1374826 | 86.54 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.81 | 94 | 11429 | 7.210 | ng | | 81 |
| 49) Dimethylphthalate | 14.72 | 163 | 54794 | 7.813 | ng | # | 95 |

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

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Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
CB-5-LINE-SW@3

Quant Time: Feb 15 04:09:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
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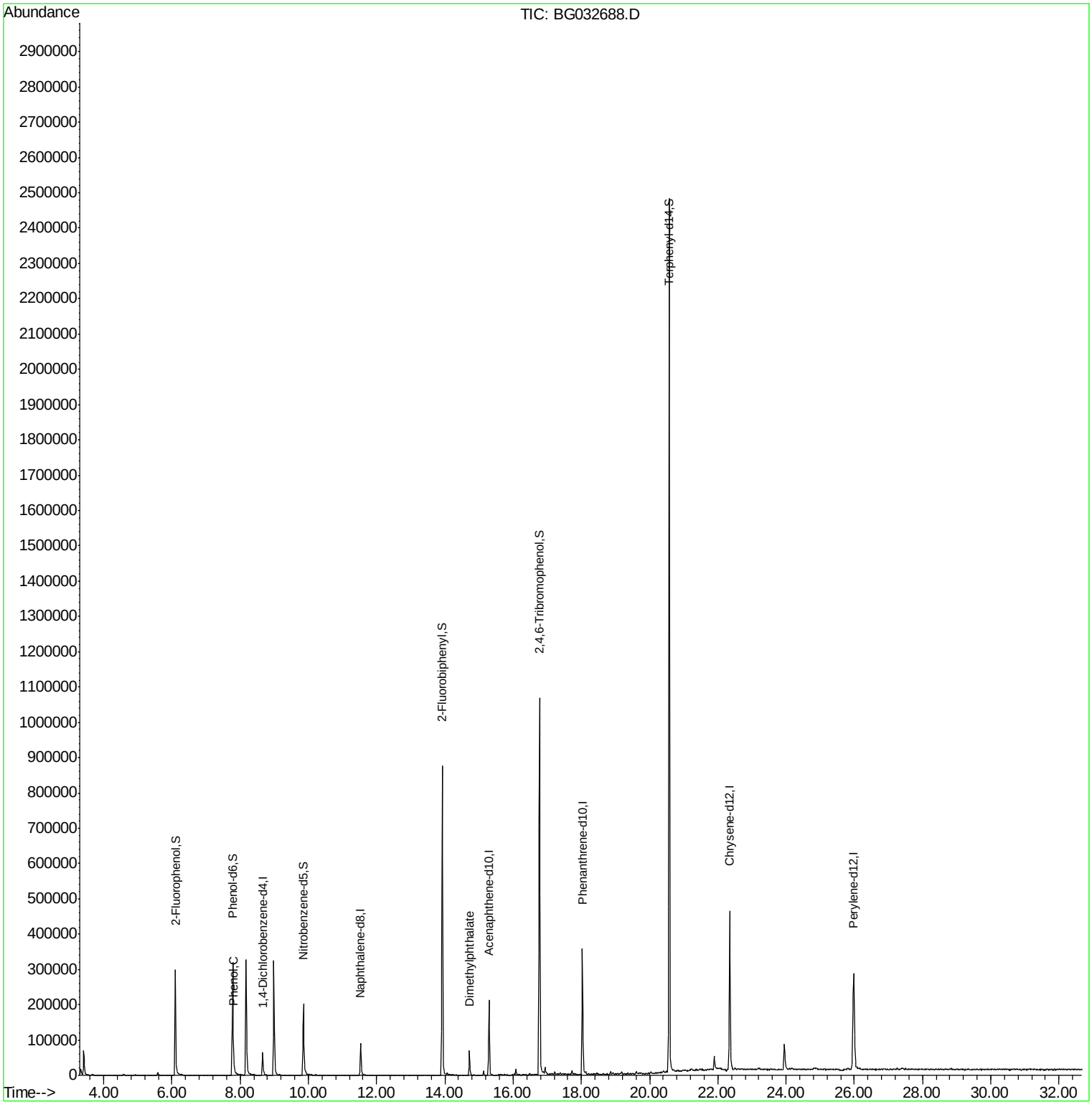
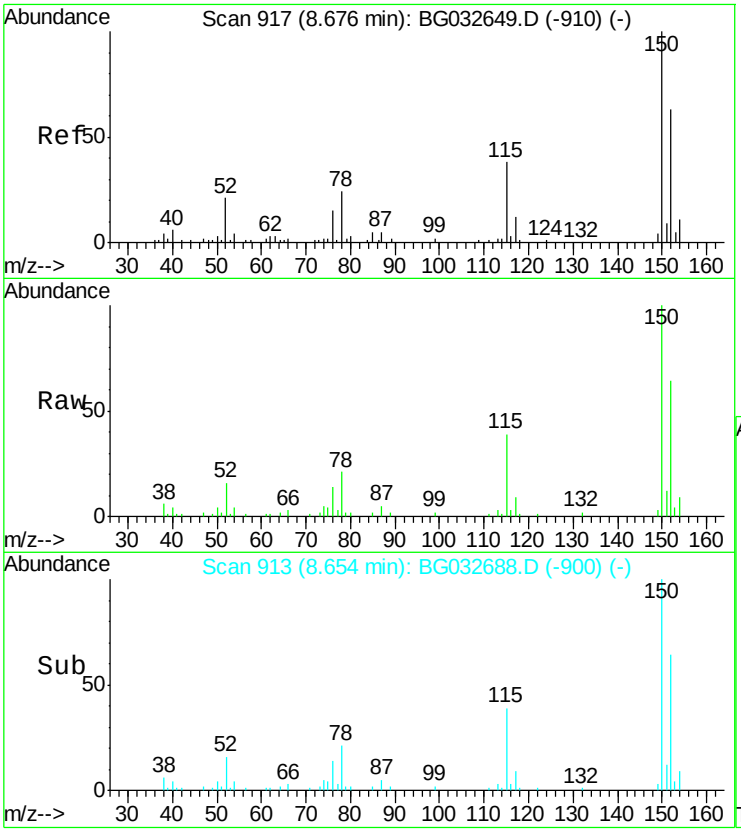


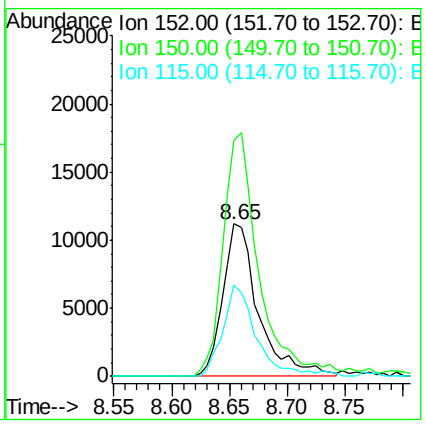


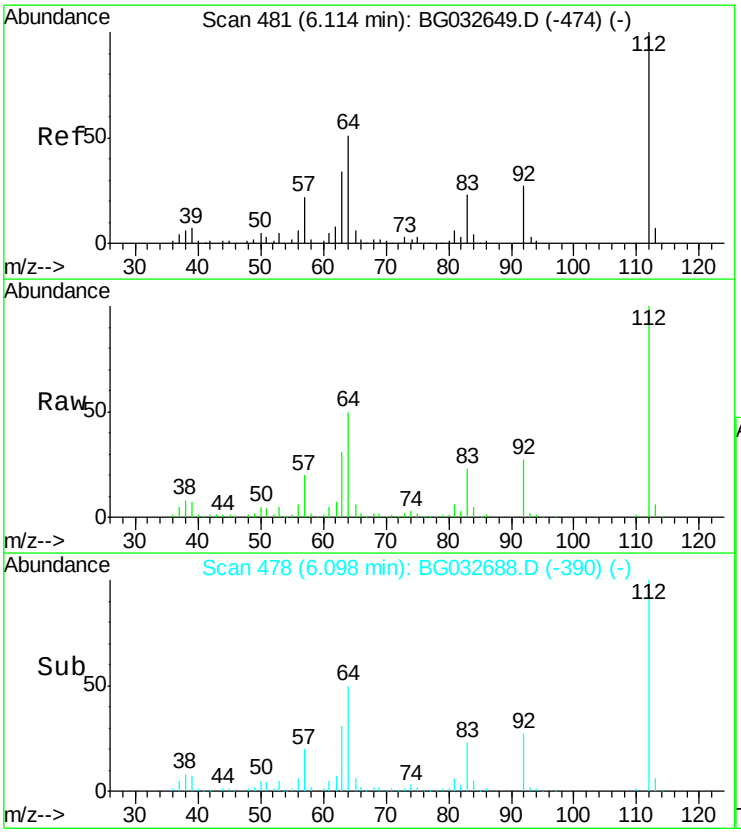

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.65 min Scan# 913
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

**Instrument :**
BNA_G
**ClientSampleId :**
CB-5-LINE-SW@3

Tgt Ion:152 Resp: 23915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.3 | 126.6 | 189.8 |
| 115 | 60.3 | 53.0 | 79.4 |

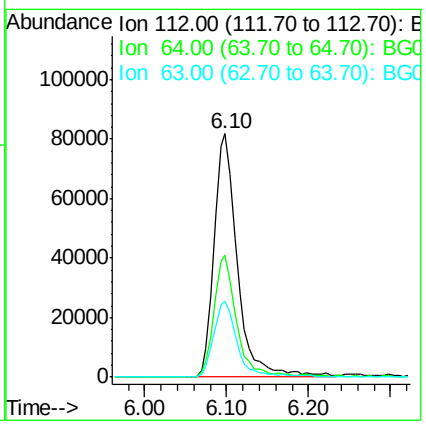


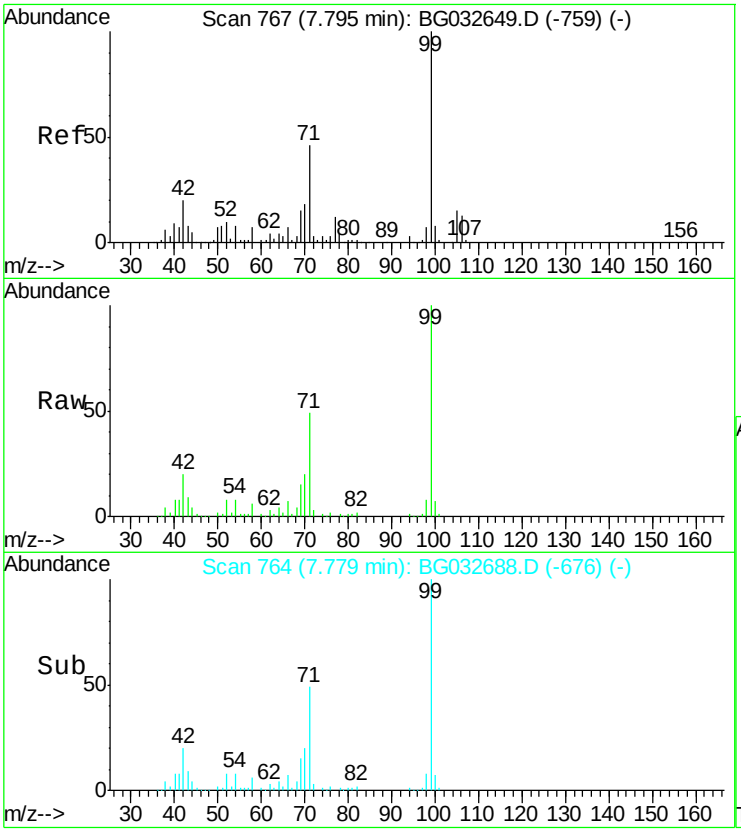




#5
2-Fluorophenol
Concen: 135.872 ng
RT: 6.10 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

Tgt Ion:112 Resp: 161955

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.0 | 56.3 | 84.5# |
| 63 | 31.3 | 30.1 | 45.1 |



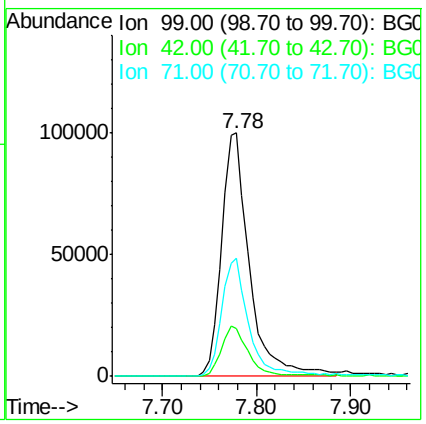


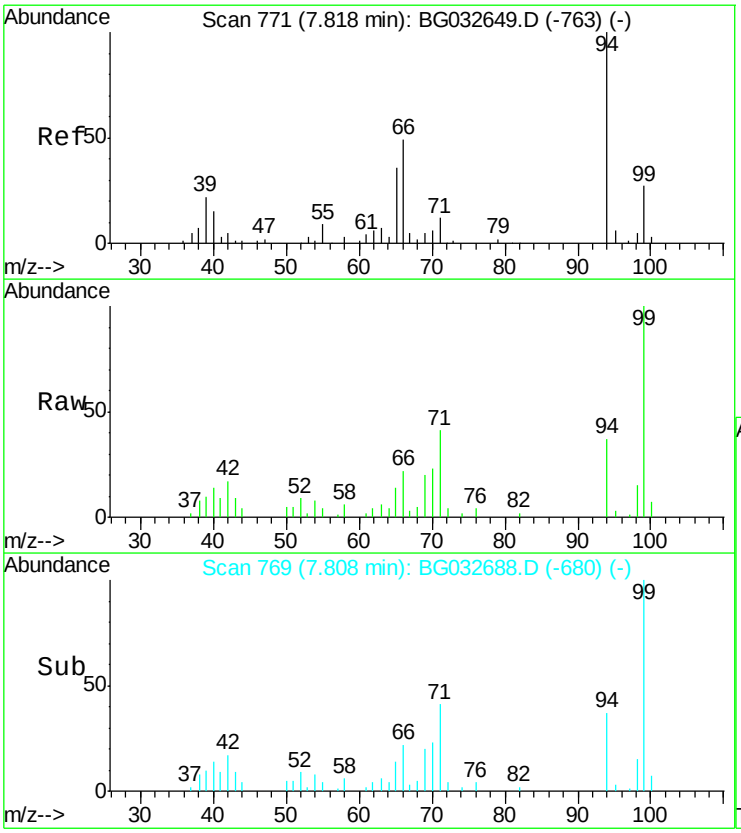

#7
Phenol-d6
Concen: 127.026 ng
RT: 7.78 min Scan# 764
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

**Instrument :**
BNA_G
**ClientSampleId :**
CB-5-LINE-SW@3

Tgt Ion: 99 Resp: 207038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.5 | 14.1 | 21.1 |
| 71 | 48.5 | 26.1 | 39.1# |

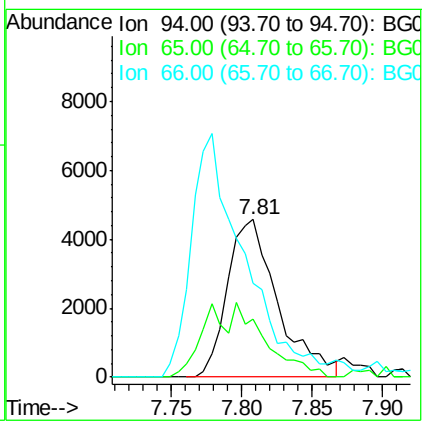


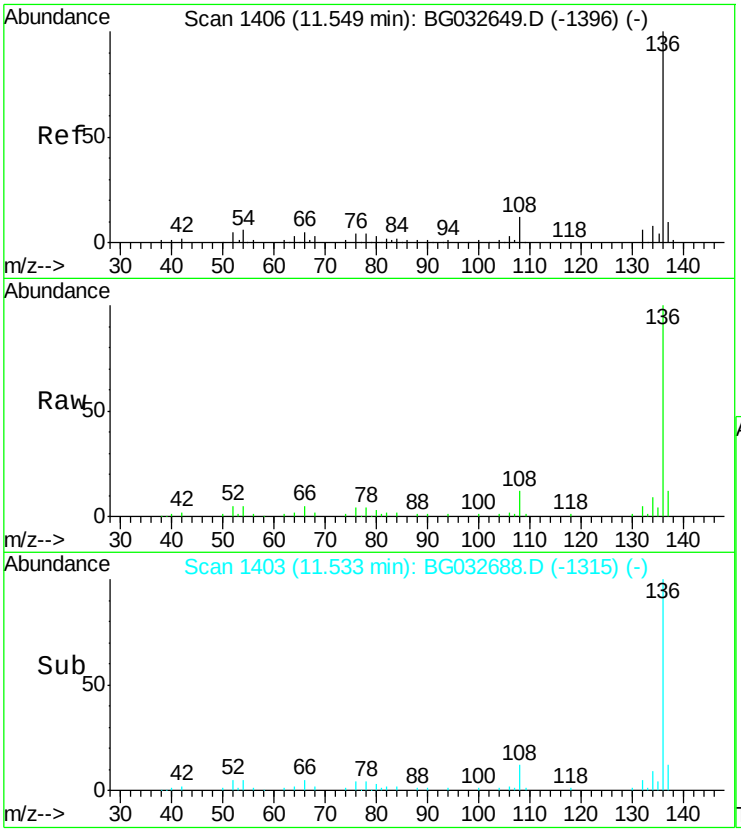




#10
Phenol
Concen: 7.210 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

Tgt Ion: 94 Resp: 11429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 36.8 | 11.9 | 51.9 |
| 66 | 59.5 | 22.2 | 62.2 |



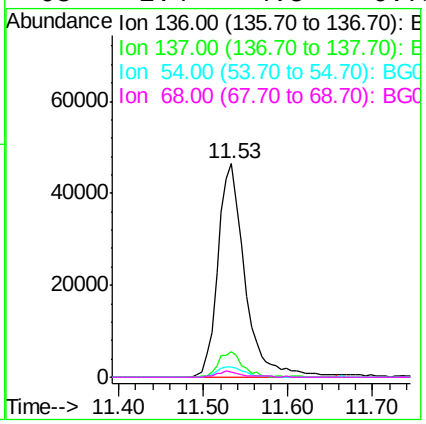


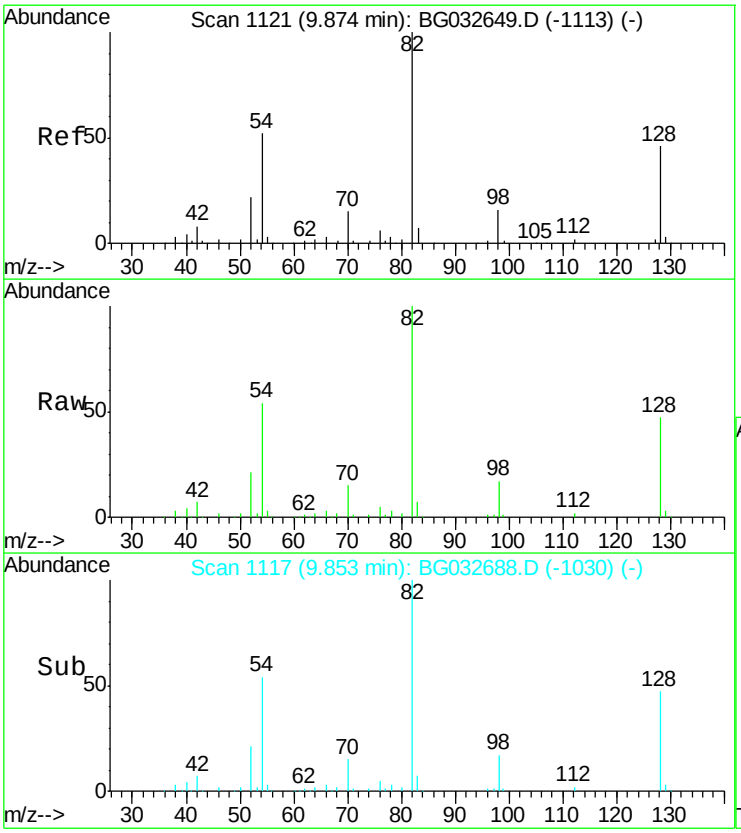

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.53 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

**Instrument :**
BNA_G
**ClientSampleId :**
CB-5-LINE-SW@3

Tgt Ion:136 Resp: 103063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.2 | 9.2 | 13.8 |
| 54 | 4.8 | 10.3 | 15.5# |
| 68 | 2.4 | 4.5 | 6.7# |

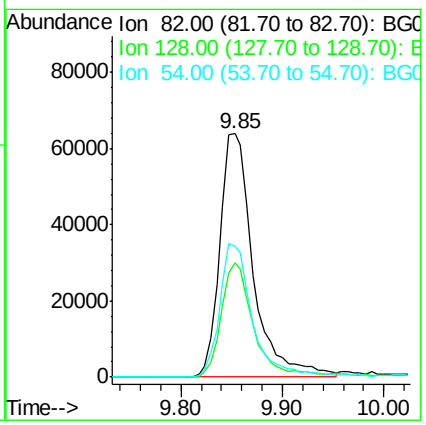


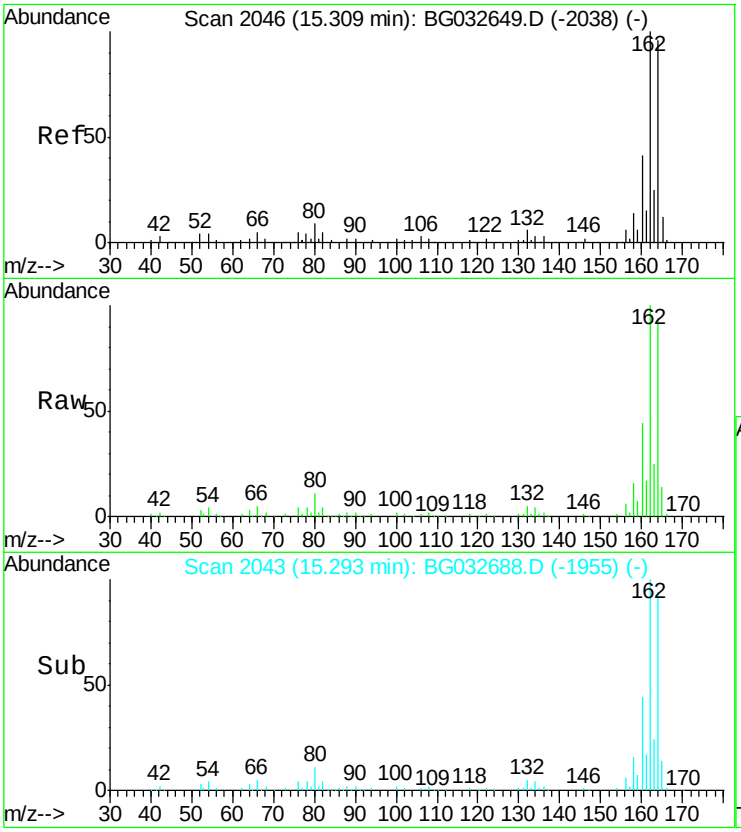




#23
Nitrobenzene-d5
Concen: 90.165 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

Tgt Ion: 82 Resp: 146215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.8 | 29.7 | 44.5# |
| 54 | 53.7 | 43.1 | 64.7 |



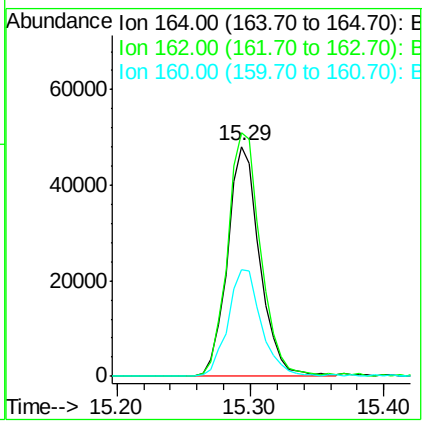


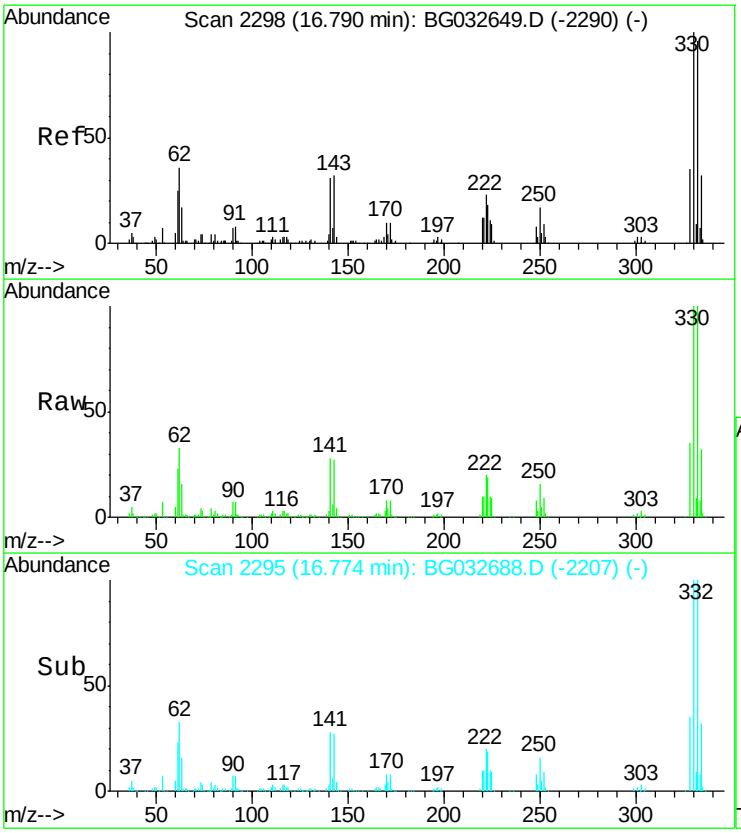

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

**Instrument :**
BNA_G
**ClientSampleId :**
CB-5-LINE-SW@3

Tgt Ion:164 Resp: 81135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.0 | 78.8 | 118.2 |
| 160 | 46.7 | 35.4 | 53.0 |

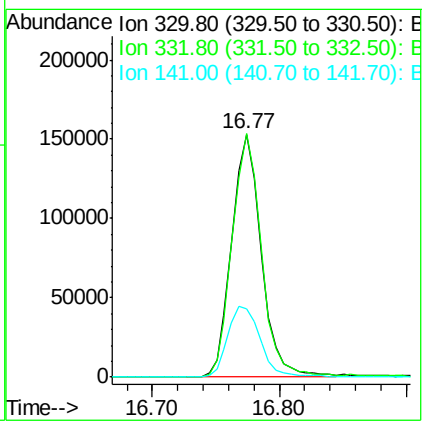


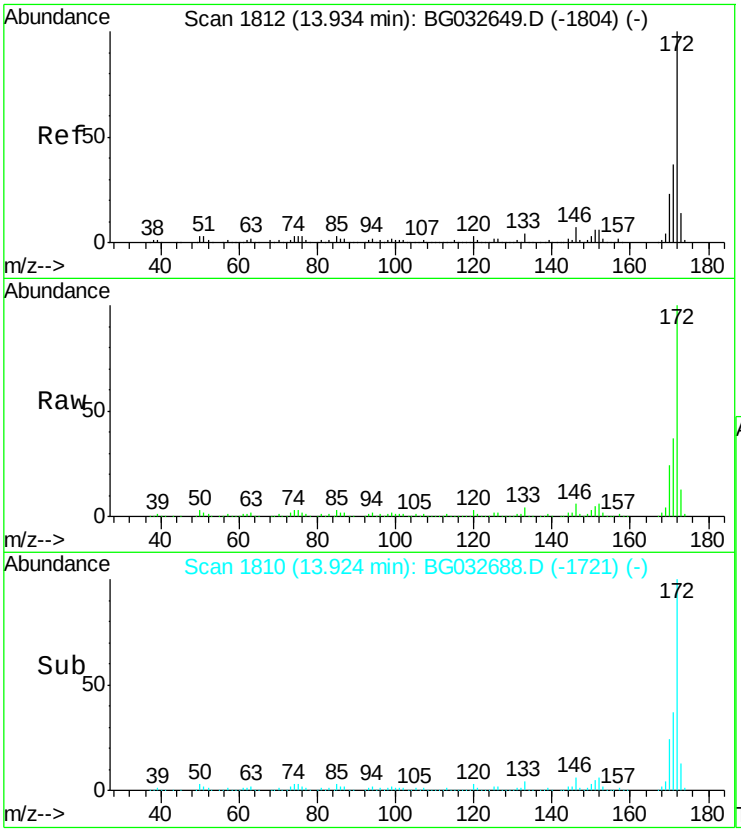




#41
2,4,6-Tribromophenol
Concen: 198.003 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

Tgt Ion:330 Resp: 247367

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 100.1 | 77.0 | 115.6 |
| 141 | 32.4 | 25.2 | 37.8 |



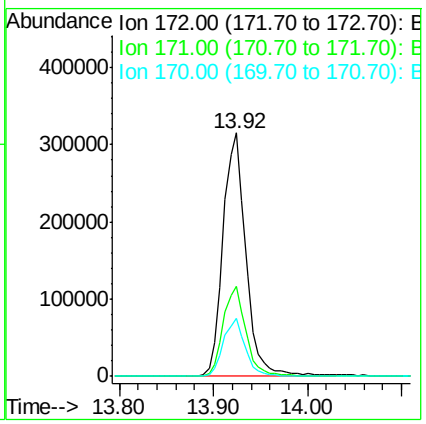


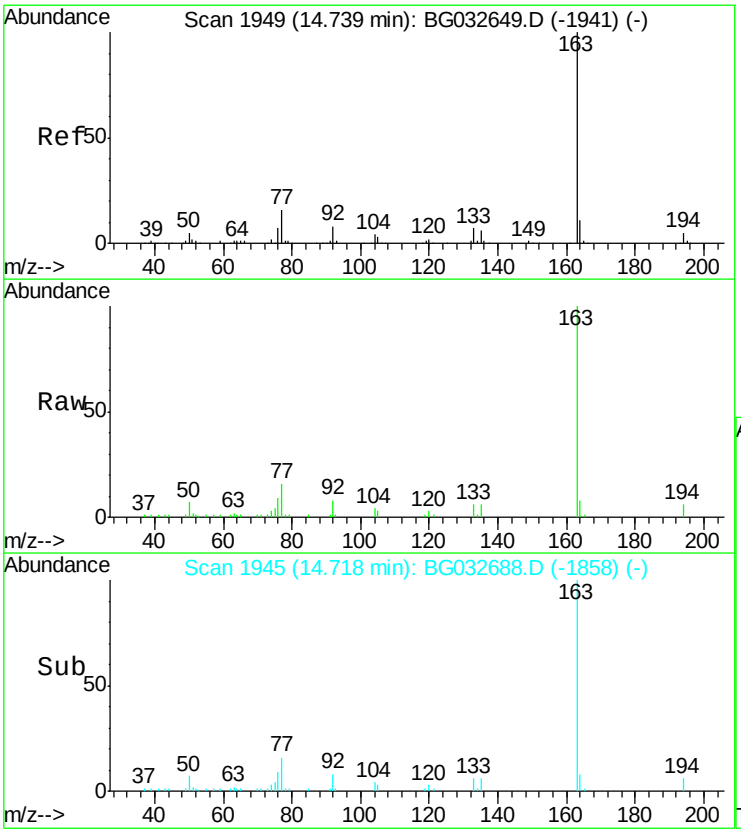

#44
2-Fluorobiphenyl
Concen: 82.610 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

**Instrument :**
BNA_G
**ClientSampleId :**
CB-5-LINE-SW@3

Tgt Ion:172 Resp: 535980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.0 | 30.0 | 45.0 |
| 170 | 23.8 | 19.5 | 29.3 |

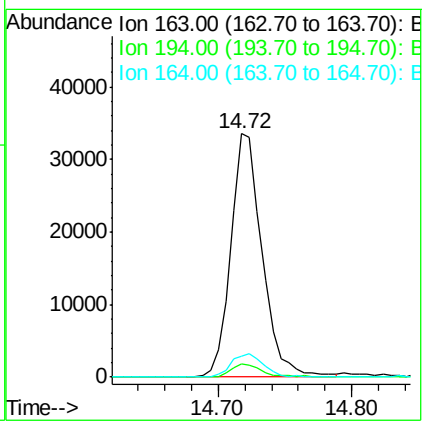


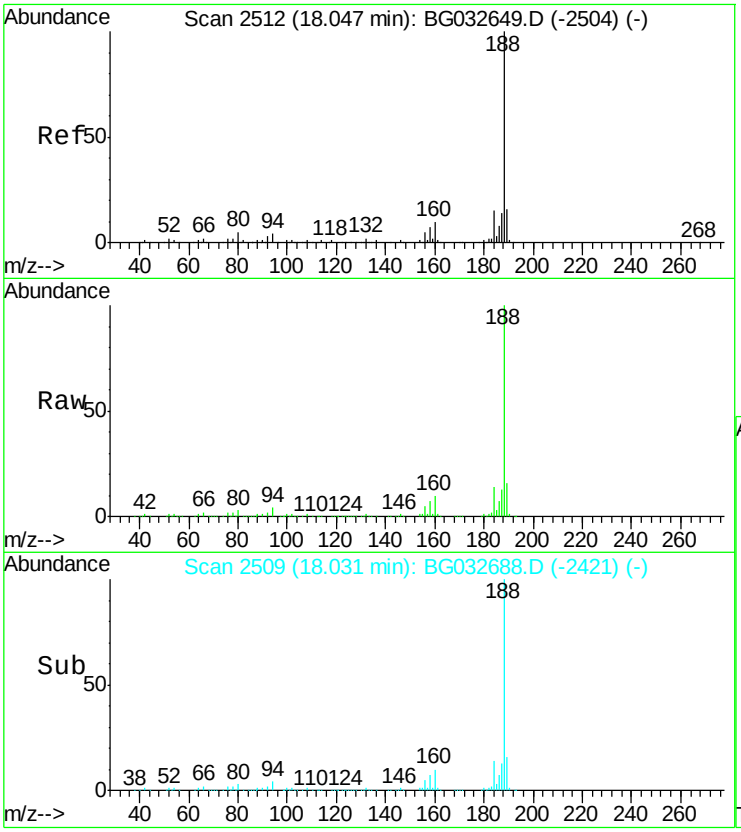




#49
Dimethylphthalate
Concen: 7.813 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

Tgt Ion:163 Resp: 54794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.6 | 3.4 | 5.2# |
| 164 | 8.4 | 8.2 | 12.4 |



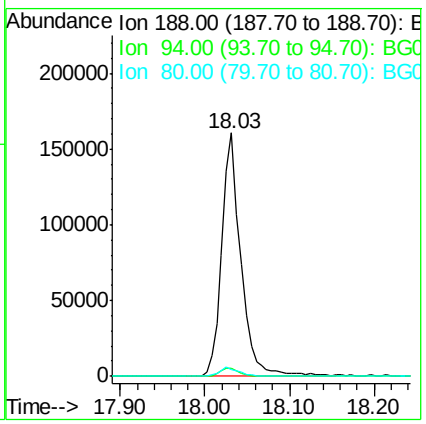


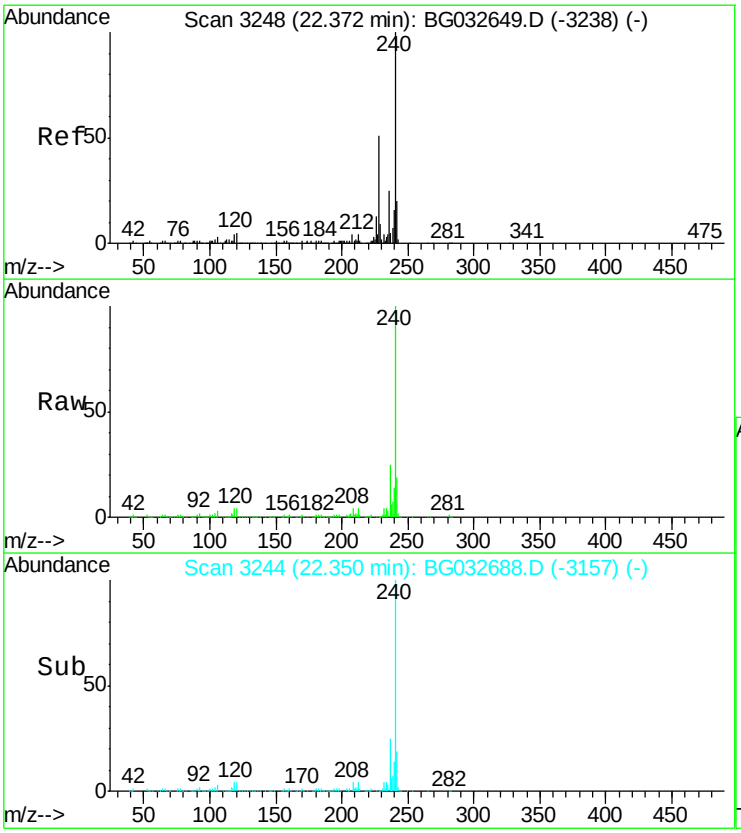

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

**Instrument :**
BNA_G
**ClientSampleId :**
CB-5-LINE-SW@3

Tgt Ion:188 Resp: 252745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 3.5 | 6.9 | 10.3# |
| 80 | 2.9 | 7.7 | 11.5# |

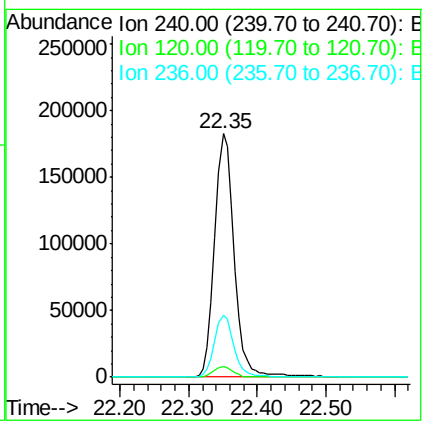


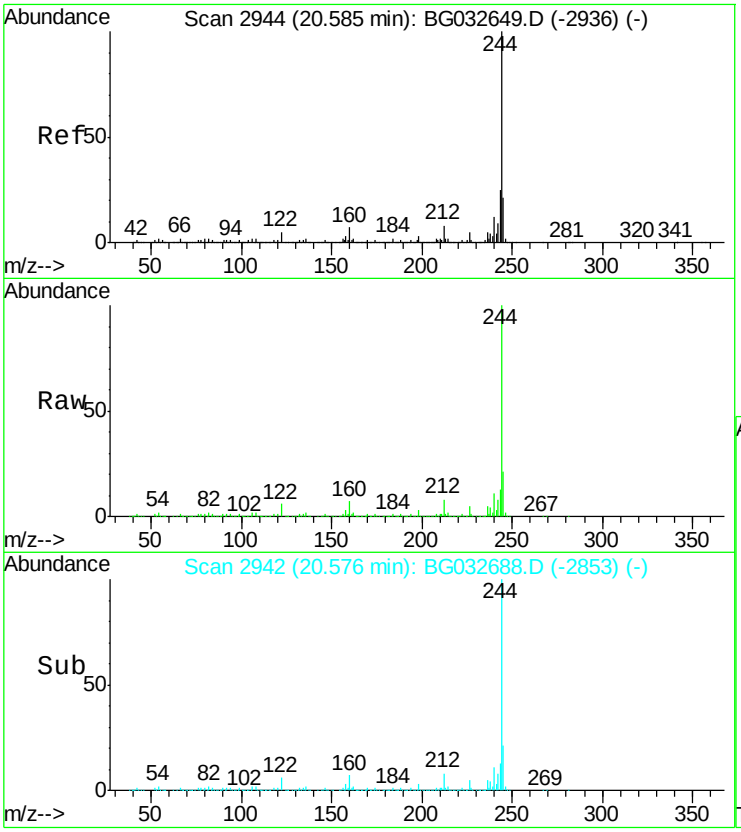




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.35 min Scan# 3244
Delta R.T. -0.02 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

Tgt Ion:240 Resp: 362104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.4 | 6.8 | 10.2# |
| 236 | 25.3 | 20.9 | 31.3 |



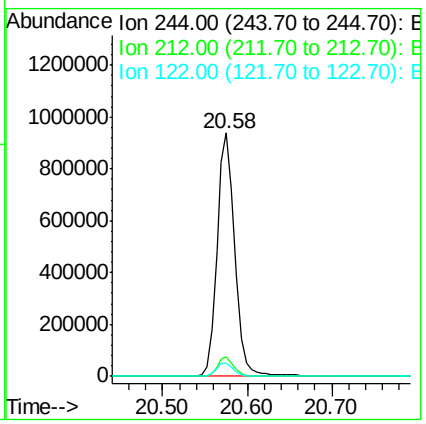


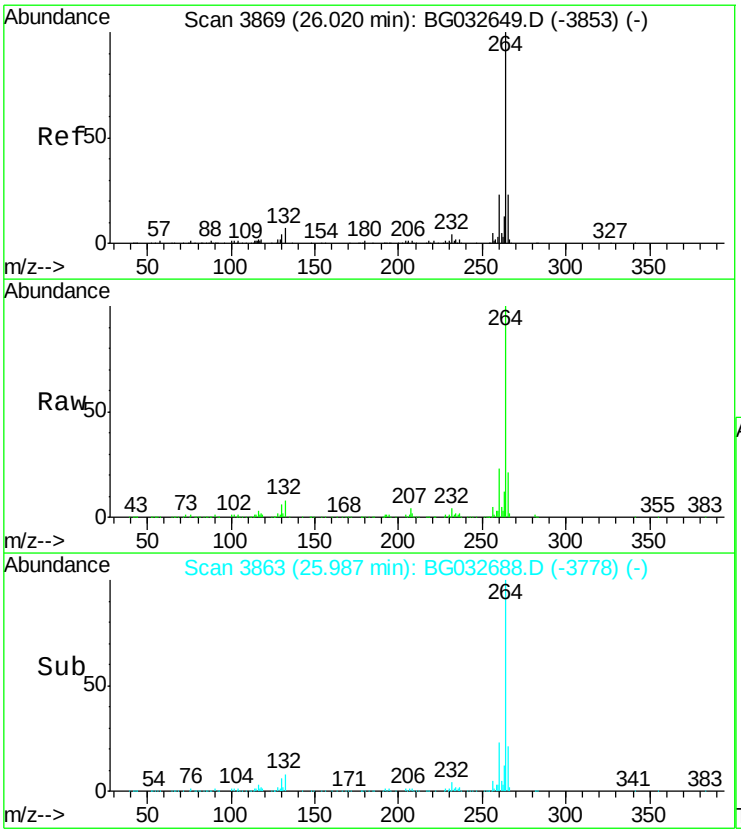

#78
Terphenyl-d14
Concen: 86.536 ng
RT: 20.58 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

**Instrument :**
BNA_G
**ClientSampleId :**
CB-5-LINE-SW@3

Tgt Ion:244 Resp: 1374826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 5.8 | 8.8 |
| 122 | 5.6 | 7.0 | 10.4# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.99 min Scan# 3863
Delta R.T. -0.03 min
Lab File: BG032688.D
Acq: 14 Feb 2018 19:30

Tgt Ion:264 Resp: 384554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.5 | 17.4 | 26.0 |
| 265 | 21.0 | 17.7 | 26.5 |