Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024711.D
Acq On : 5 Nov 2016 13:59
Operator : UM/SJ
Sample : H5526-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SB-107-25.5-26.0

Quant Time: Nov 06 23:48:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.27 | 152 | 102225 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.09 | 136 | 392866 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.88 | 164 | 300293 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.63 | 188 | 721335 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.92 | 240 | 985579 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 25.35 | 264 | 1005715 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.80 | 112 | 889008 | 142.54 | ng | 0.00 |
| 7) Phenol-d6 | 7.41 | 99 | 1265722 | 147.94 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.44 | 82 | 877003 | 101.64 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.37 | 330 | 747794 | 166.69 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.51 | 172 | 1650025 | 91.33 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.20 | 244 | 2707834 | 82.10 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.43 | 94 | 17767 | 2.01 | ng | # 74 |
| 49) Dimethylphthalate | 14.32 | 163 | 610379 | 28.63 | ng | 98 |

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

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Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024711.D
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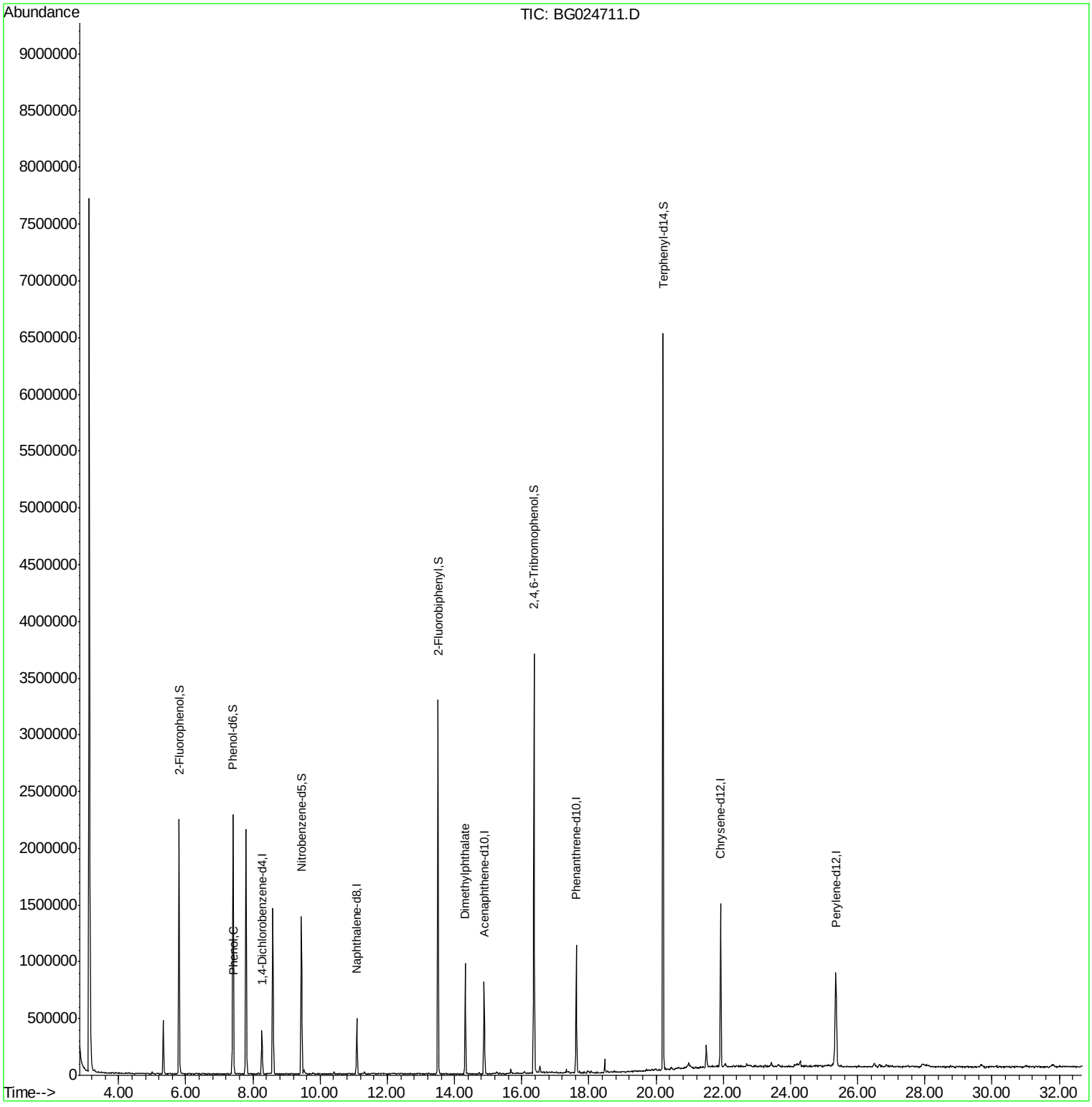
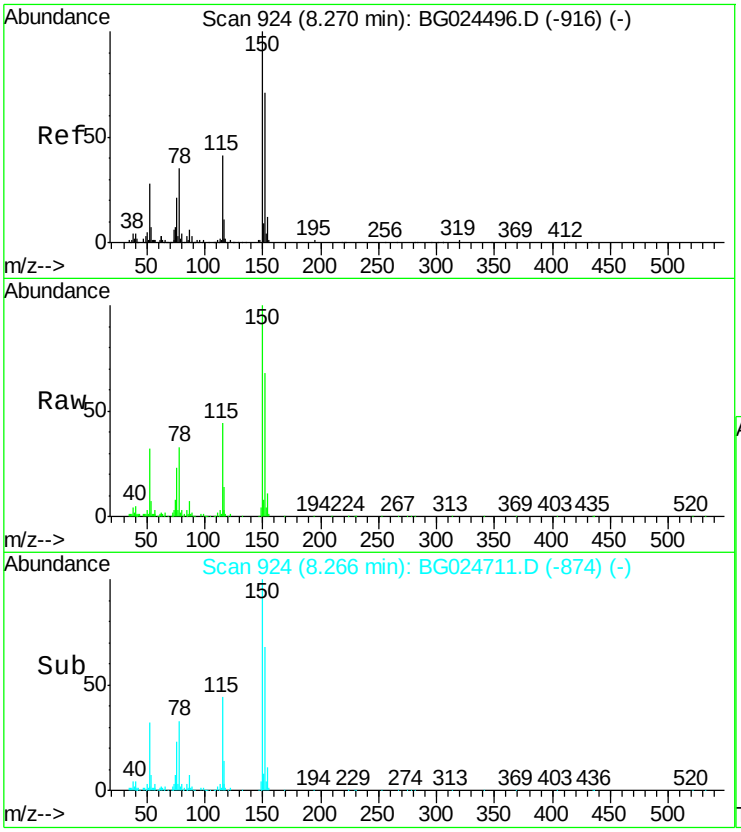


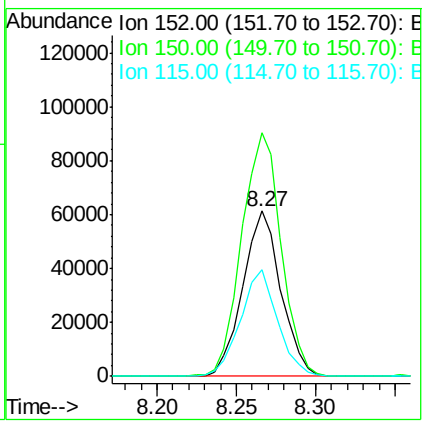


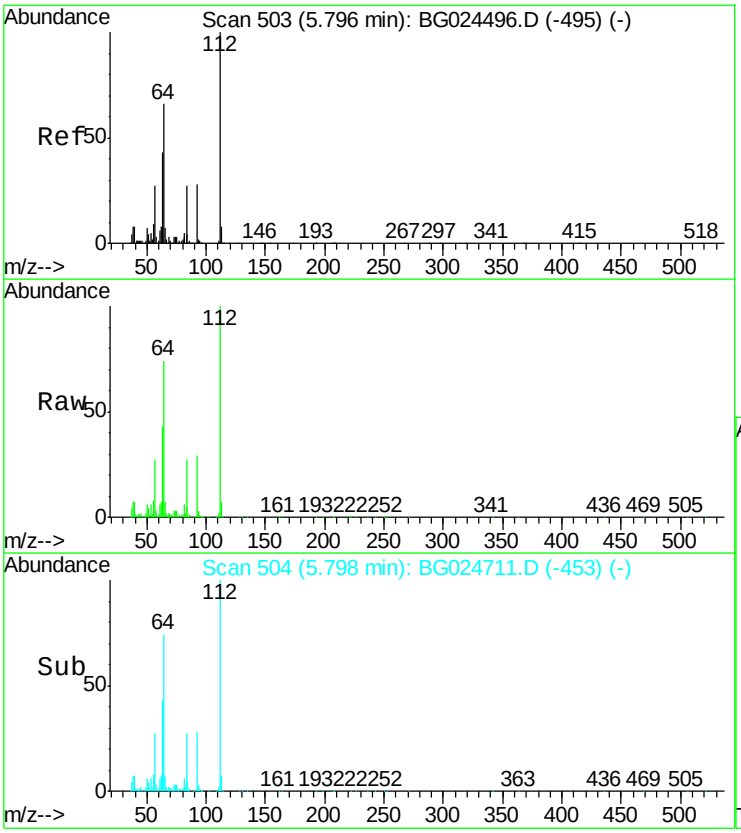

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

**Instrument :**
BNA_G
**ClientSampleId :**
SB-107-25.5-26.0

Tgt Ion:152 Resp: 102225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 147.5 | 114.0 | 171.0 |
| 115 | 64.5 | 48.1 | 72.1 |

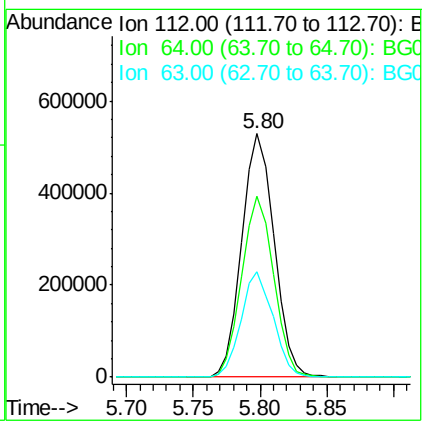


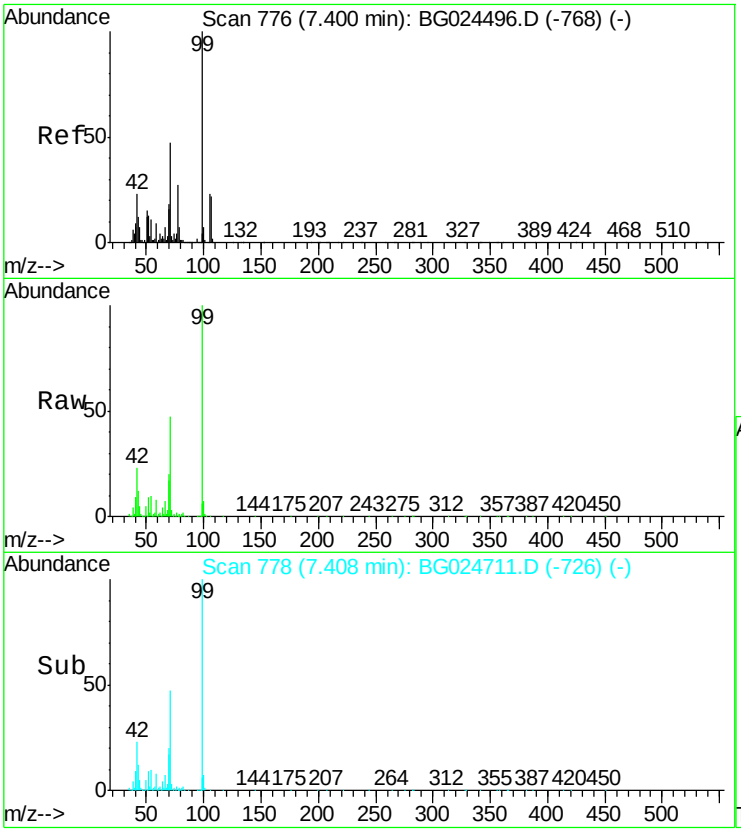




#5
2-Fluorophenol
Concen: 142.54 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

Tgt Ion:112 Resp: 889008

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 74.1 | 61.8 | 92.6 |
| 63 | 43.2 | 37.2 | 55.8 |



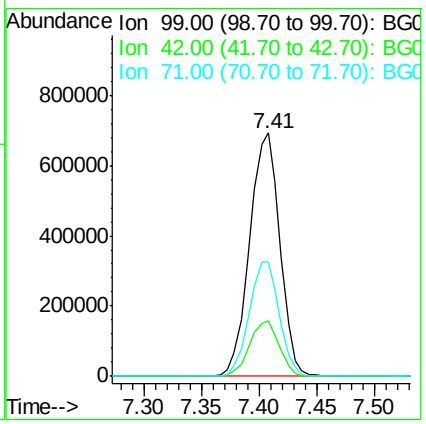


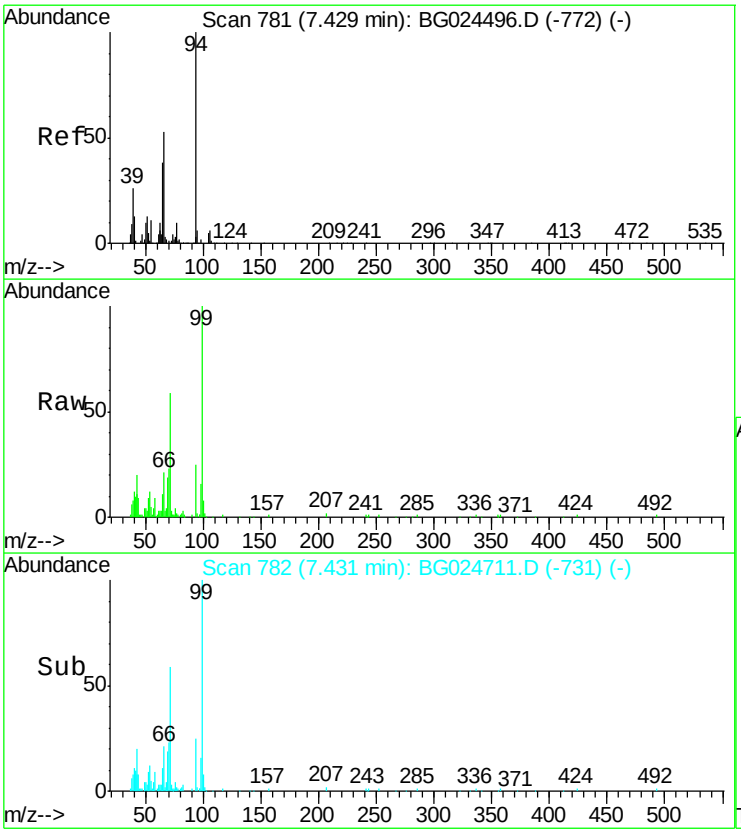

#7
Phenol-d6
Concen: 147.94 ng
RT: 7.41 min Scan# 778
Delta R.T. 0.01 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

**Instrument :**
BNA_G
**ClientSampleId :**
SB-107-25.5-26.0

Tgt Ion: 99 Resp: 1265722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.8 | 20.5 | 30.7 |
| 71 | 47.2 | 37.6 | 56.4 |

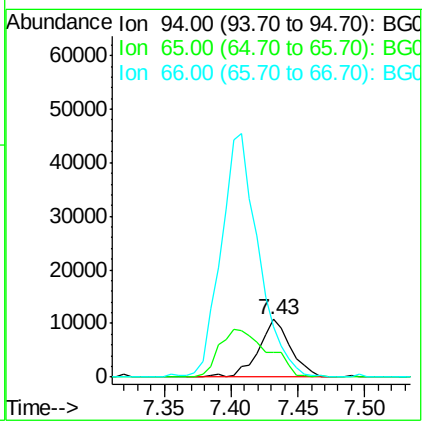


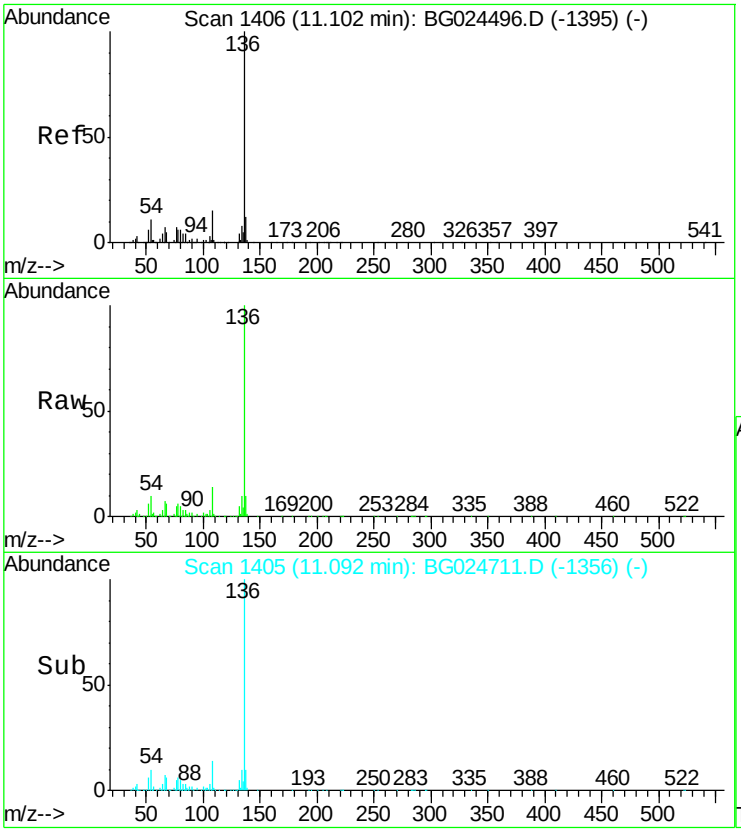




#10
Phenol
Concen: 2.01 ng
RT: 7.43 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

Tgt Ion: 94 Resp: 17767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 43.1 | 20.6 | 60.6 |
| 66 | 86.6 | 35.5 | 75.5# |



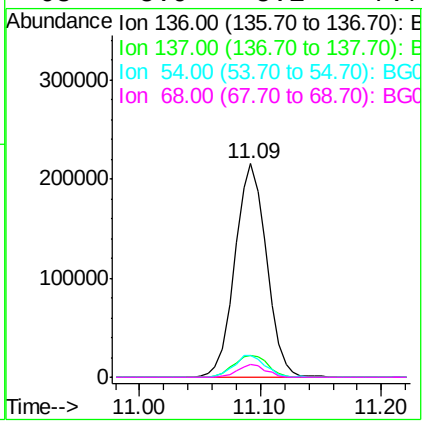


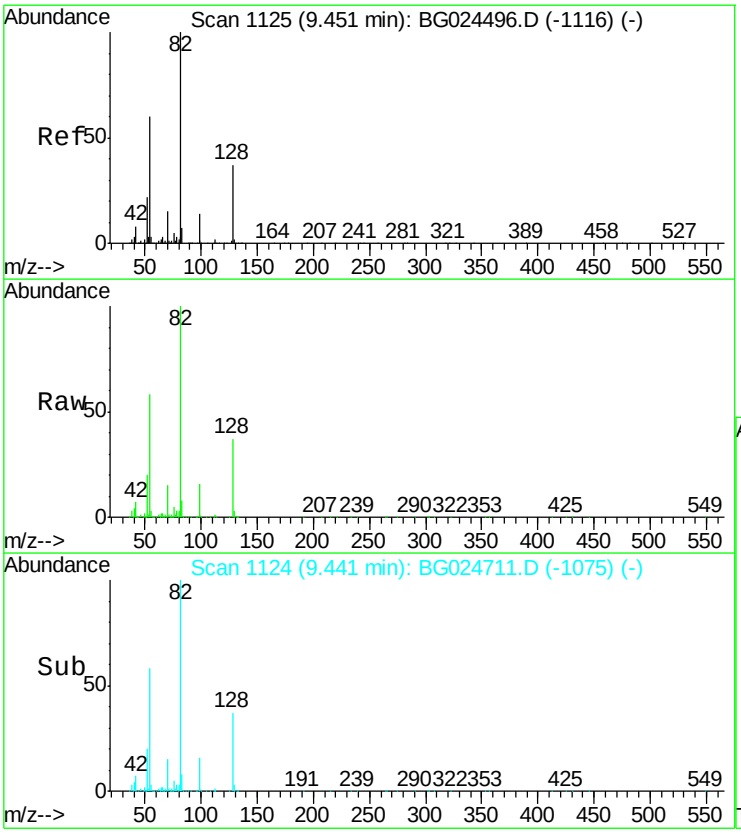

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

**Instrument :**
BNA_G
**ClientSampleId :**
SB-107-25.5-26.0

Tgt Ion:136 Resp: 392866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 8.9 | 13.3 |
| 54 | 10.5 | 9.3 | 13.9 |
| 68 | 5.9 | 5.1 | 7.7 |

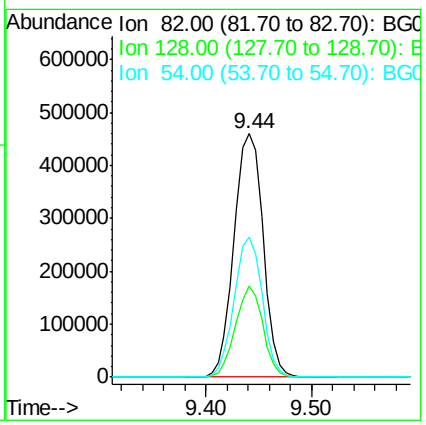


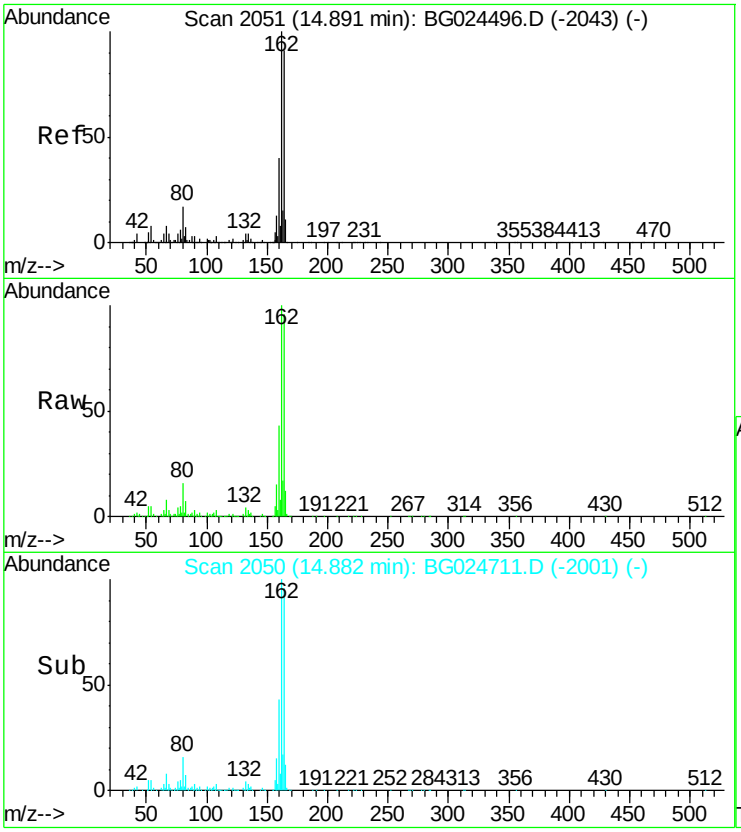




#23
Nitrobenzene-d5
Concen: 101.64 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

Tgt Ion: 82 Resp: 877003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 37.5 | 26.4 | 39.6 |
| 54 | 57.5 | 49.4 | 74.2 |



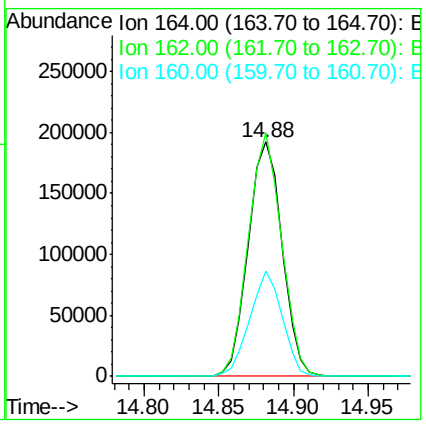


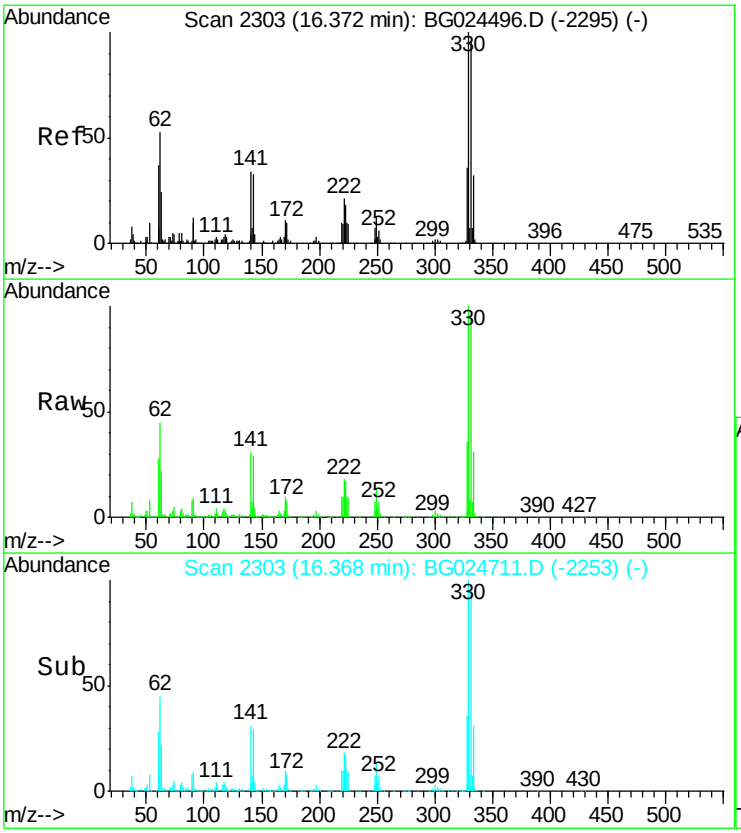

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

**Instrument :**
BNA_G
**ClientSampleId :**
SB-107-25.5-26.0

Tgt Ion:164 Resp: 300293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.0 | 85.1 | 127.7 |
| 160 | 44.9 | 34.7 | 52.1 |

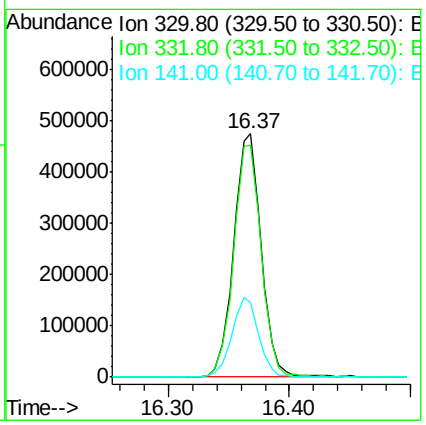


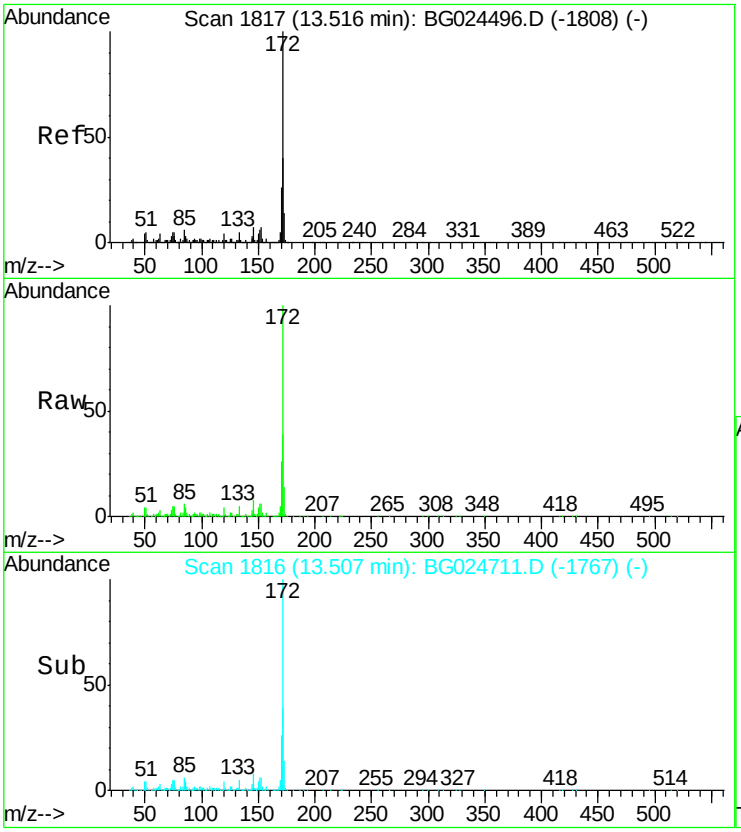




#41
2,4,6-Tribromophenol
Concen: 166.69 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

Tgt Ion:330 Resp: 747794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 77.3 | 115.9 |
| 141 | 32.2 | 32.1 | 48.1 |



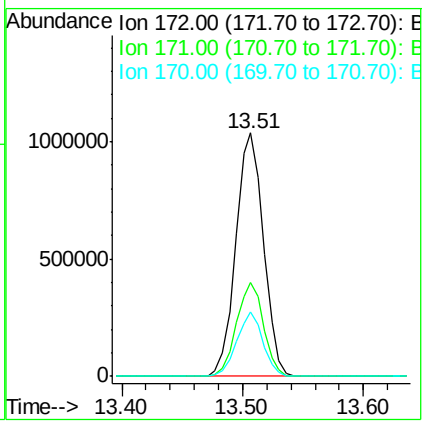


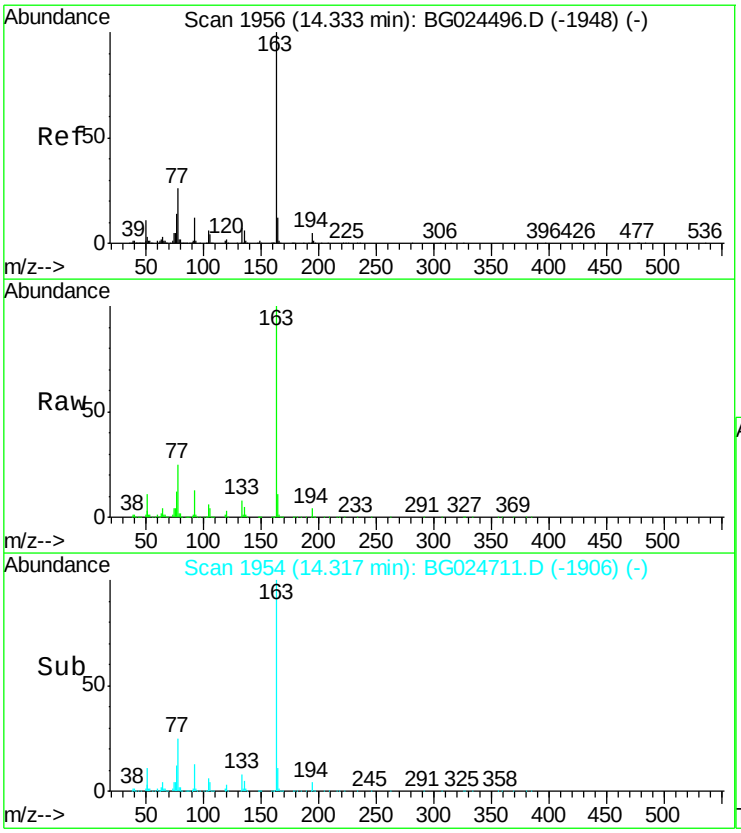

#44
2-Fluorobiphenyl
Concen: 91.33 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

**Instrument :**
BNA_G
**ClientSampleId :**
SB-107-25.5-26.0

Tgt Ion:172 Resp: 1650025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.7 | 32.2 | 48.2 |
| 170 | 26.4 | 21.8 | 32.6 |

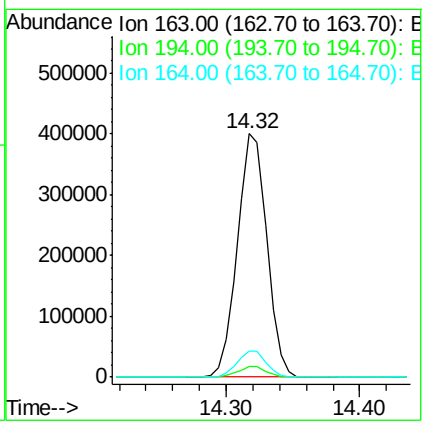


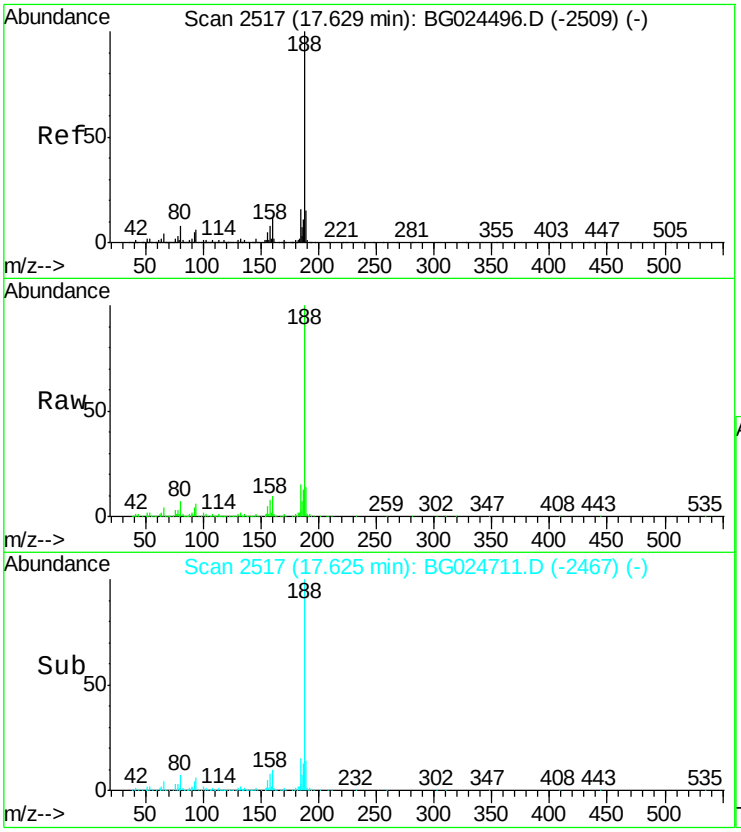




#49
Dimethylphthalate
Concen: 28.63 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

Tgt Ion:163 Resp: 610379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.8 | 5.6 |
| 164 | 10.7 | 9.3 | 13.9 |



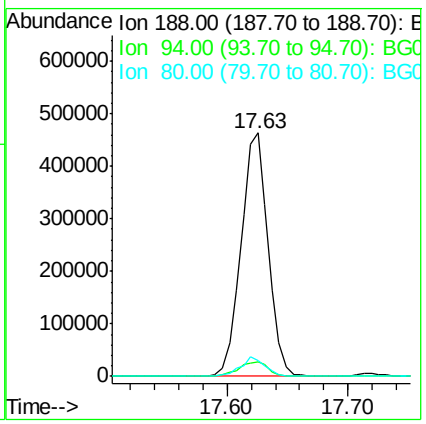


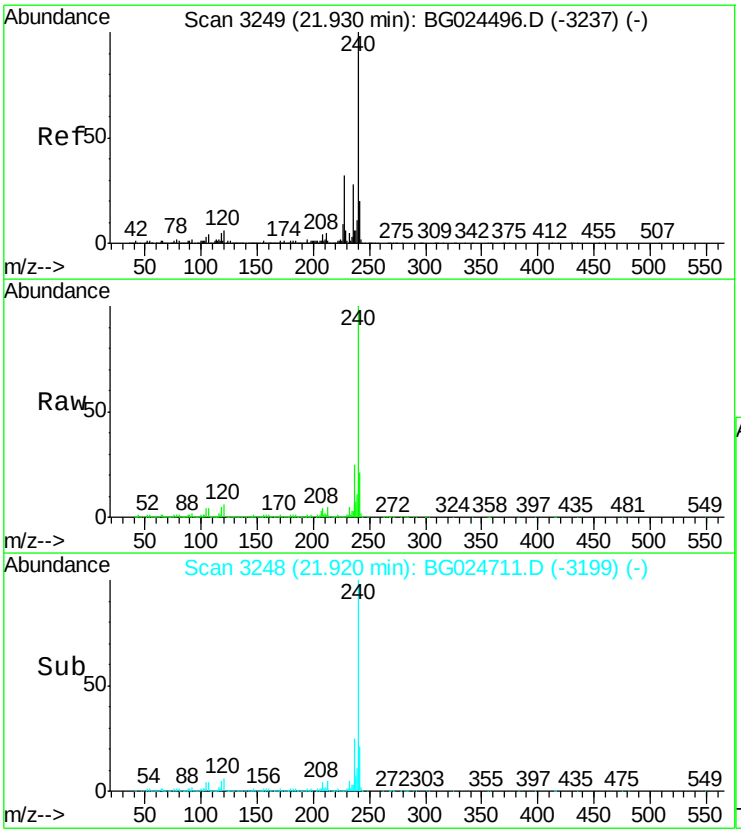

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

**Instrument :**
BNA_G
**ClientSampleId :**
SB-107-25.5-26.0

Tgt Ion:188 Resp: 721335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.2 | 5.8 | 8.8 |
| 80 | 6.7 | 7.5 | 11.3# |

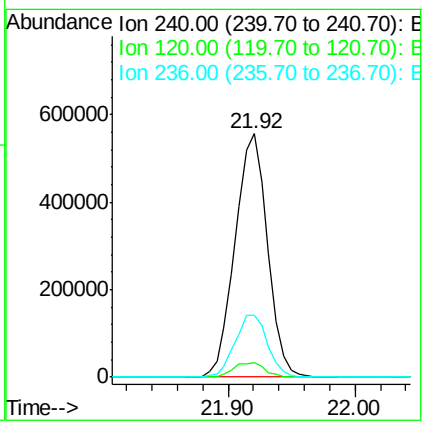


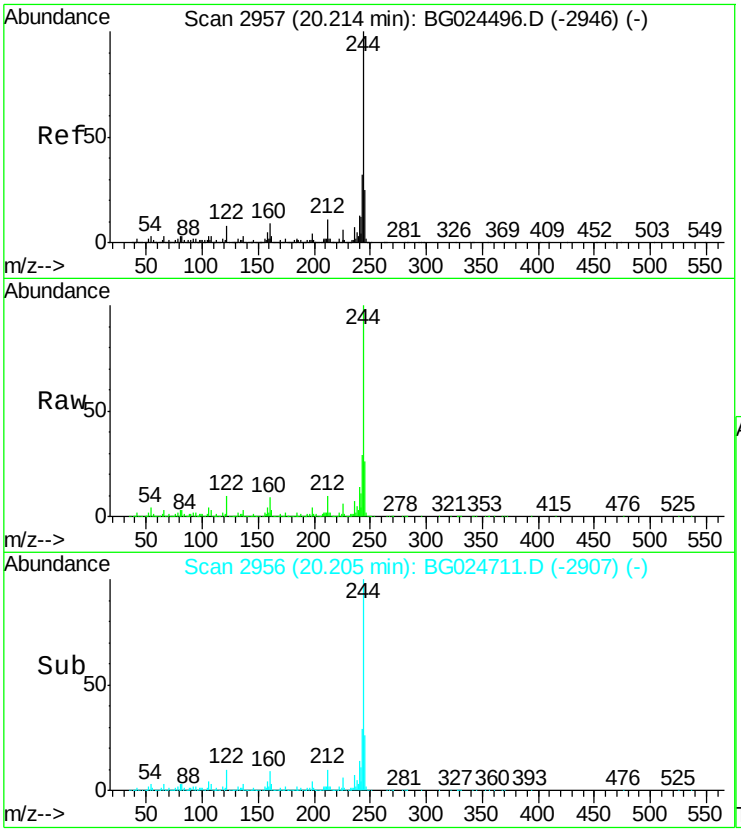




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

Tgt Ion:240 Resp: 985579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.7 | 5.7 | 8.5 |
| 236 | 25.3 | 22.2 | 33.4 |



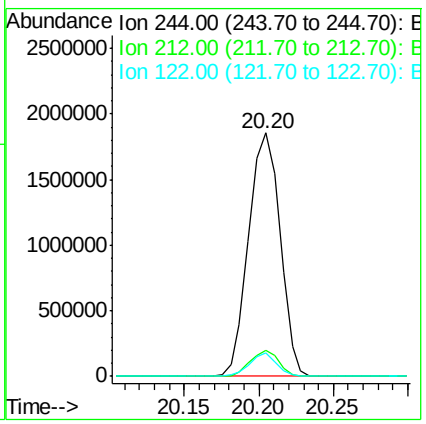


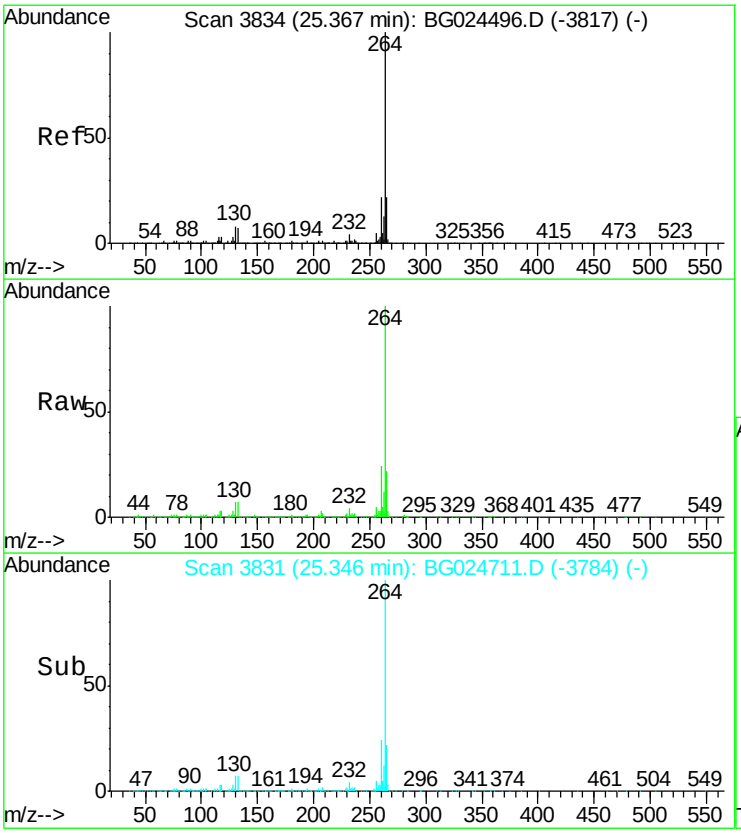

#78
Terphenyl-d14
Concen: 82.10 ng
RT: 20.20 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

**Instrument :**
BNA_G
**ClientSampleId :**
SB-107-25.5-26.0

Tgt Ion:244 Resp: 2707834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.5 | 10.0 | 15.0 |
| 122 | 9.8 | 8.6 | 12.8 |




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024711.D
Acq: 5 Nov 2016 13:59

Tgt Ion:264 Resp: 1005715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 21.8 | 32.8 |
| 265 | 21.9 | 18.2 | 27.4 |