Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
Data File : BG027673.D
Acq On : 25 Jun 2017 00:05
Operator : SJ/JU
Sample : I3872-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :**

Quant Time: Jun 26 04:24:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.50 | 152 | 19067 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.32 | 136 | 87602 | 20.00 | ng | -0.01 |
| 38) Acenaphthene-d10 | 15.09 | 164 | 53573 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.83 | 188 | 148103 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 22.20 | 240 | 170716 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 25.85 | 264 | 163708 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.09 | 112 | 147265 | 109.92 | ng | 0.00 |
| 7) Phenol-d6 | 7.65 | 99 | 182992 | 92.27 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.67 | 82 | 139430 | 75.31 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.57 | 330 | 101835 | 127.50 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 13.71 | 172 | 326299 | 83.20 | ng | -0.01 |
| 78) Terphenyl-d14 | 20.41 | 244 | 684599 | 94.48 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 11.38 | 128 | 29068 | 6.14 | ng | # 94 |
| 32) Benzoic acid | 10.51 | 122 | 59 | 7.92 | ng | # 1 |
| 33) 4-Chloroaniline | 11.37 | 127 | 4020 | 2.00 | ng | # 28 |

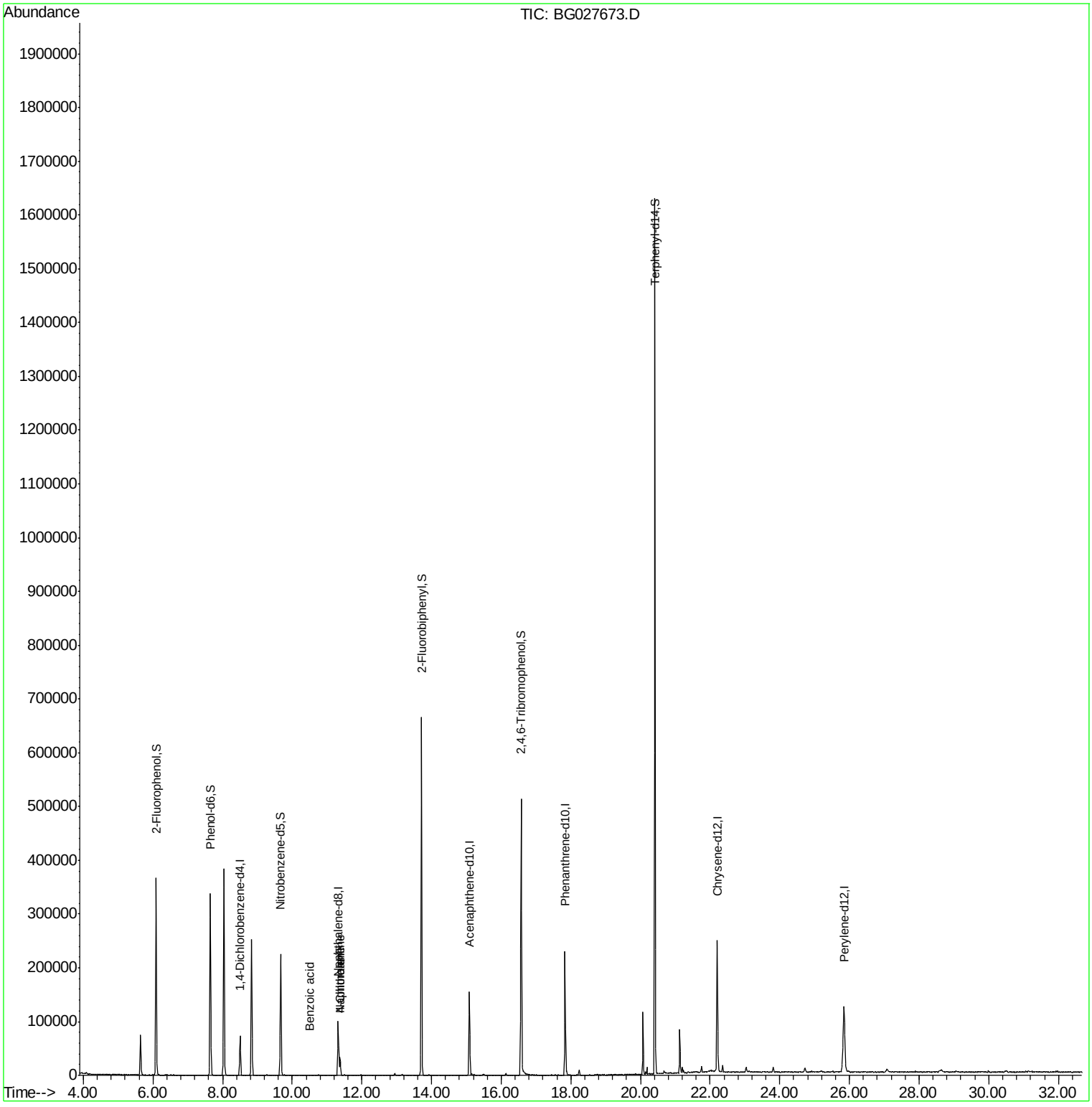
(#) = qualifier out of range (m) = manual integration (+) = signals summed

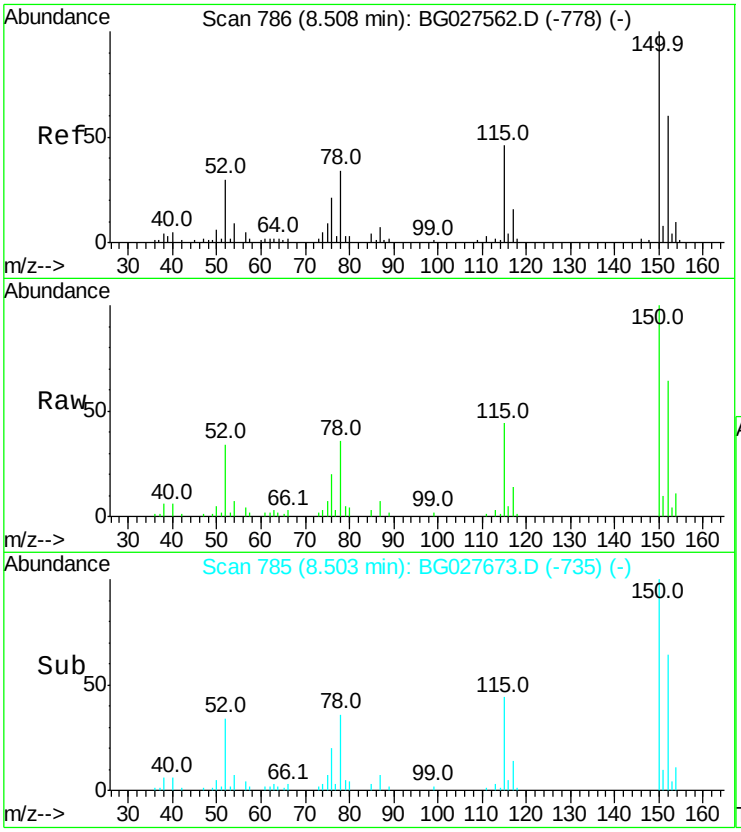
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062417\
Data File : BG027673.D
Acq On : 25 Jun 2017 00:05
Operator : SJ/JU
Sample : I3872-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**

Quant Time: Jun 26 04:24:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration



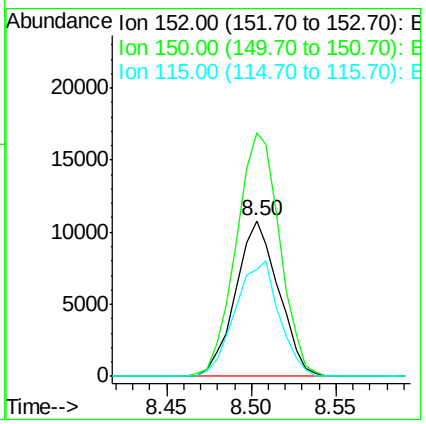


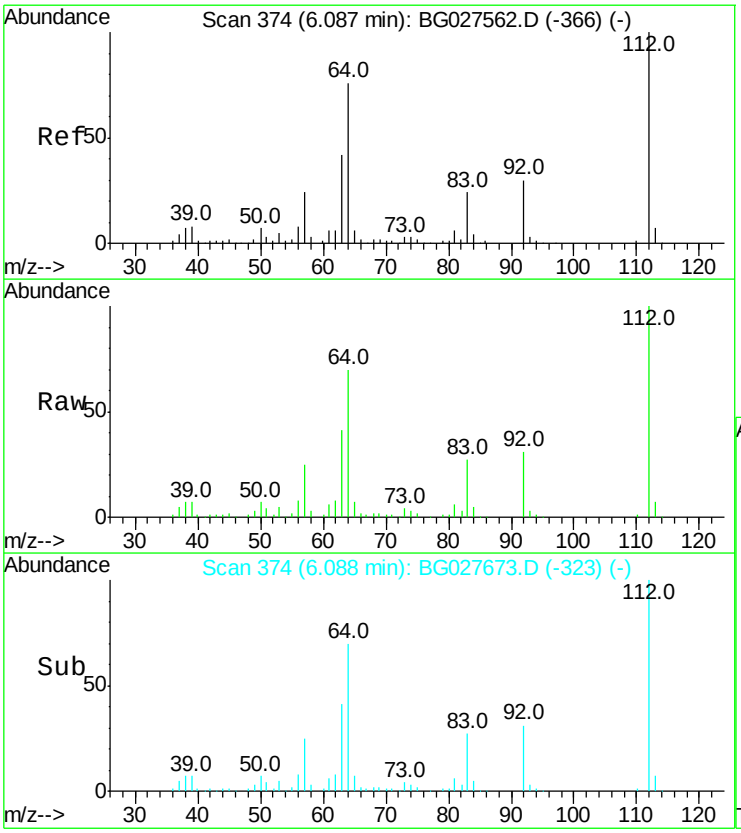

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:152 Resp: 19067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 114.0 | 171.0 |
| 115 | 68.6 | 48.1 | 72.1 |

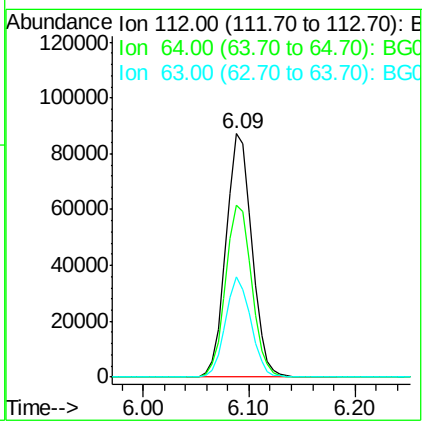


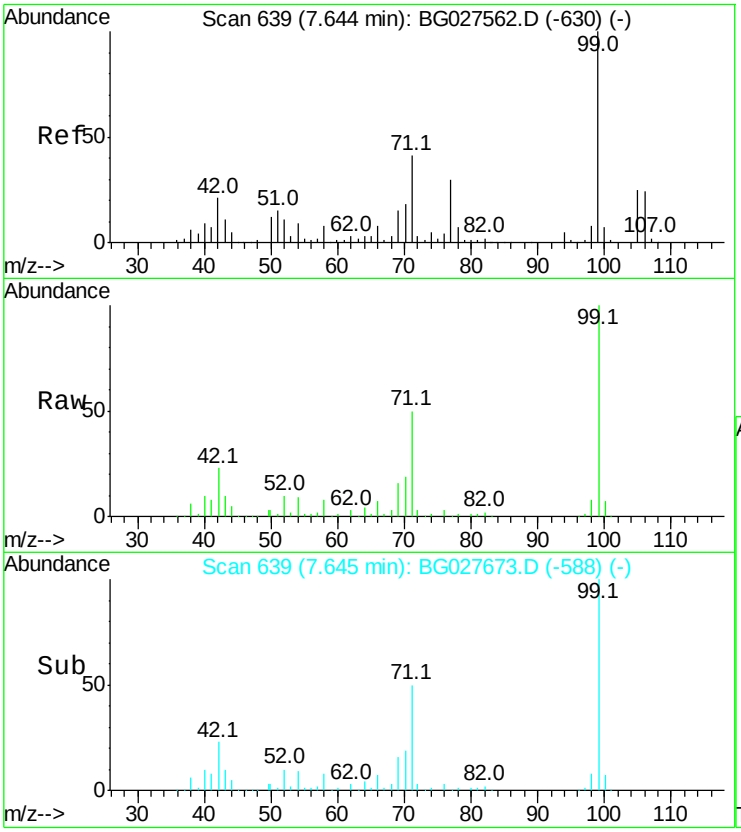




#5
2-Fluorophenol
Concen: 109.92 ng
RT: 6.09 min Scan# 374
Delta R.T. 0.00 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

Tgt Ion:112 Resp: 147265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.4 | 61.8 | 92.6 |
| 63 | 41.4 | 37.2 | 55.8 |



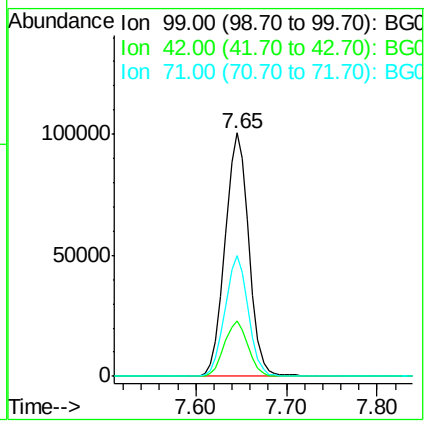


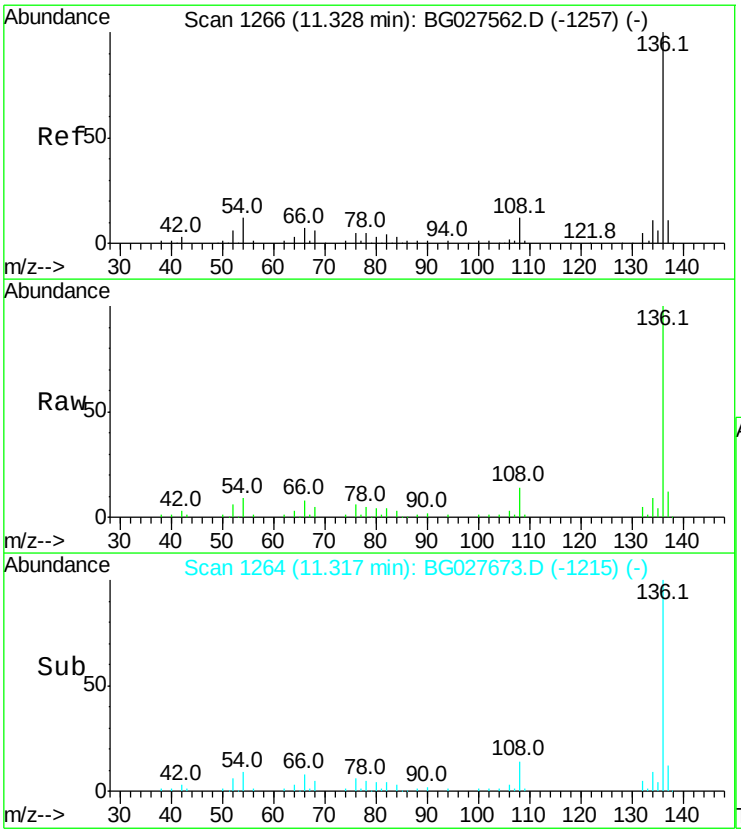

#7
Phenol-d6
Concen: 92.27 ng
RT: 7.65 min Scan# 639
Delta R.T. 0.00 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion: 99 Resp: 182992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 22.9 | 20.5 | 30.7 |
| 71 | 49.7 | 37.6 | 56.4 |

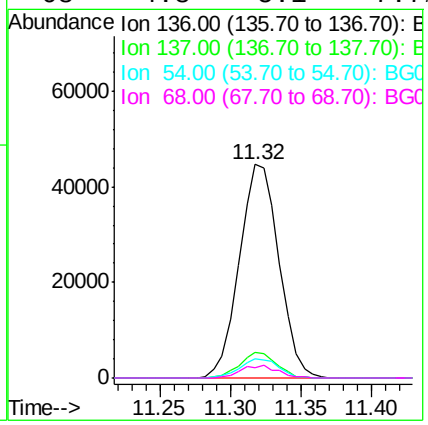


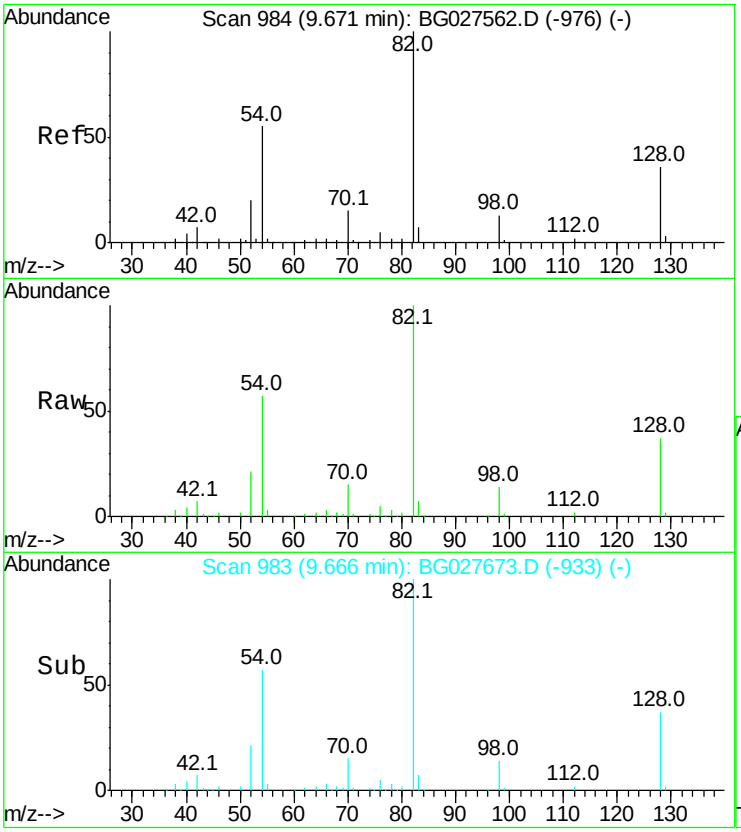




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

Tgt Ion:136 Resp: 87602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.9 | 8.9 | 13.3 |
| 54 | 9.3 | 9.3 | 13.9# |
| 68 | 4.8 | 5.1 | 7.7# |



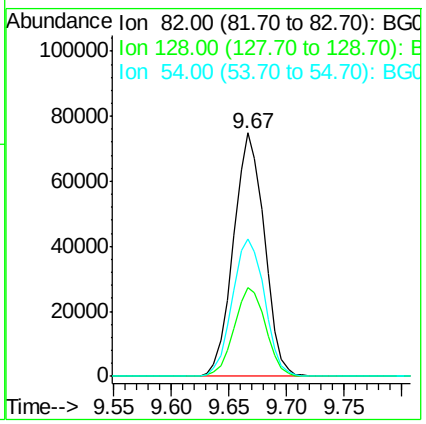


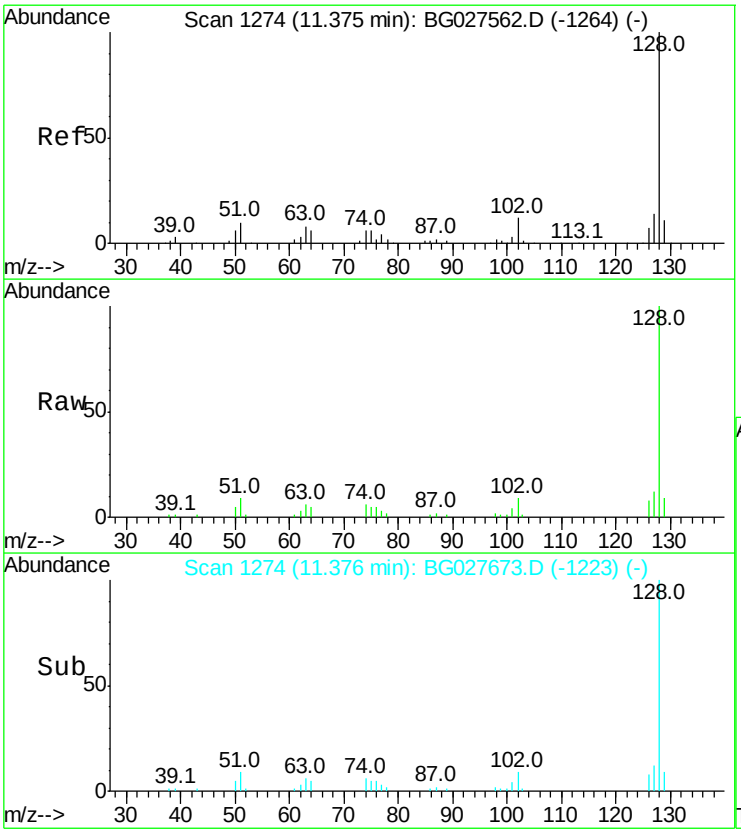

#23
Nitrobenzene-d5
Concen: 75.31 ng
RT: 9.67 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion: 82 Resp: 139430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.5 | 26.4 | 39.6 |
| 54 | 56.7 | 49.4 | 74.2 |

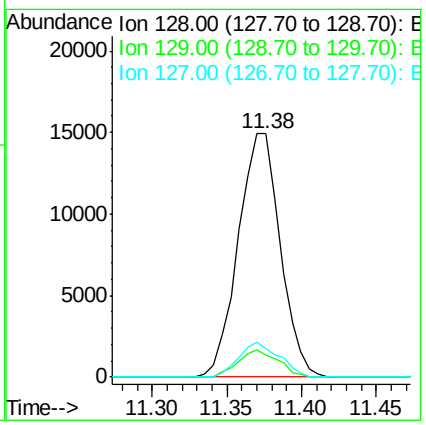


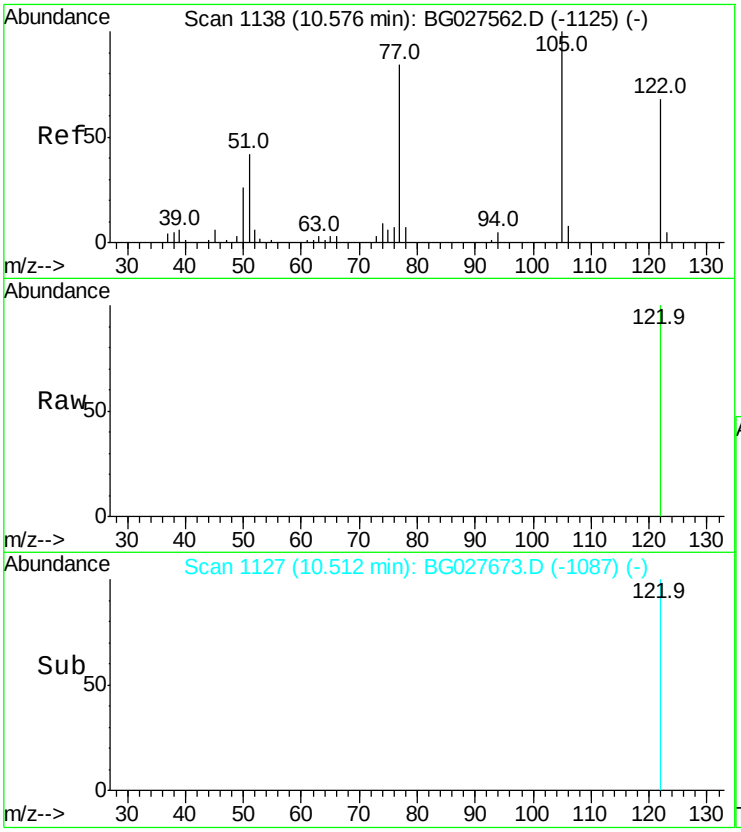




#31
Naphthalene
Concen: 6.14 ng
RT: 11.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

Tgt Ion:128 Resp: 29068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 9.3 | 9.3 | 13.9# |
| 127 | 11.9 | 11.4 | 17.0 |



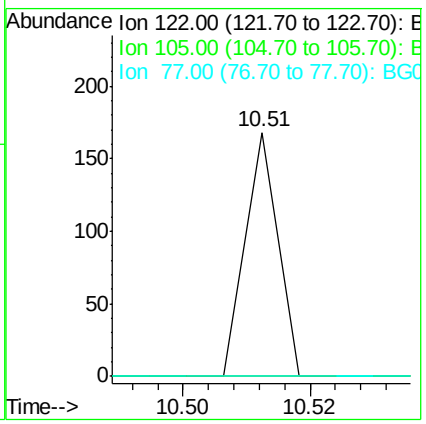


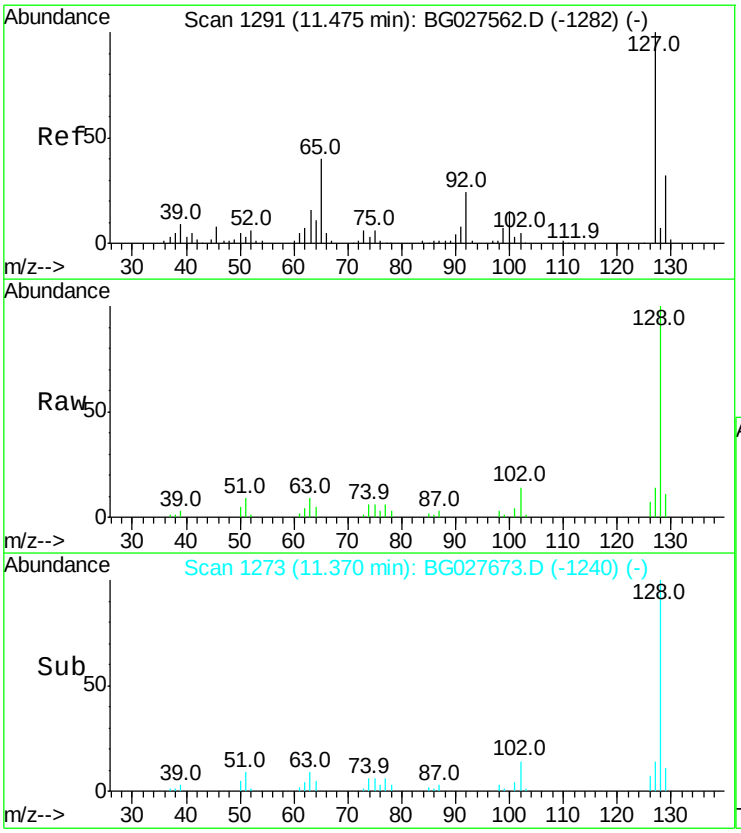

#32
Benzoic acid
Concen: 7.92 ng
RT: 10.51 min Scan# 1127
Delta R.T. -0.06 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:122 Resp: 59

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 120.1 | 160.1# |
| 77 | 0.0 | 104.6 | 144.6# |

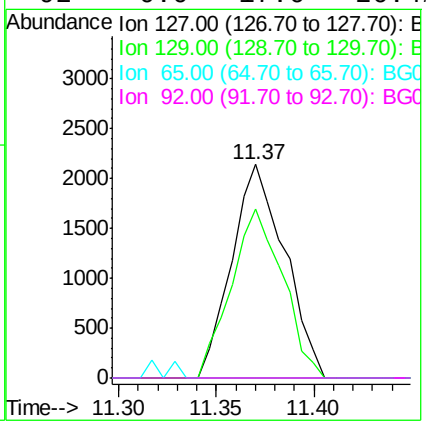


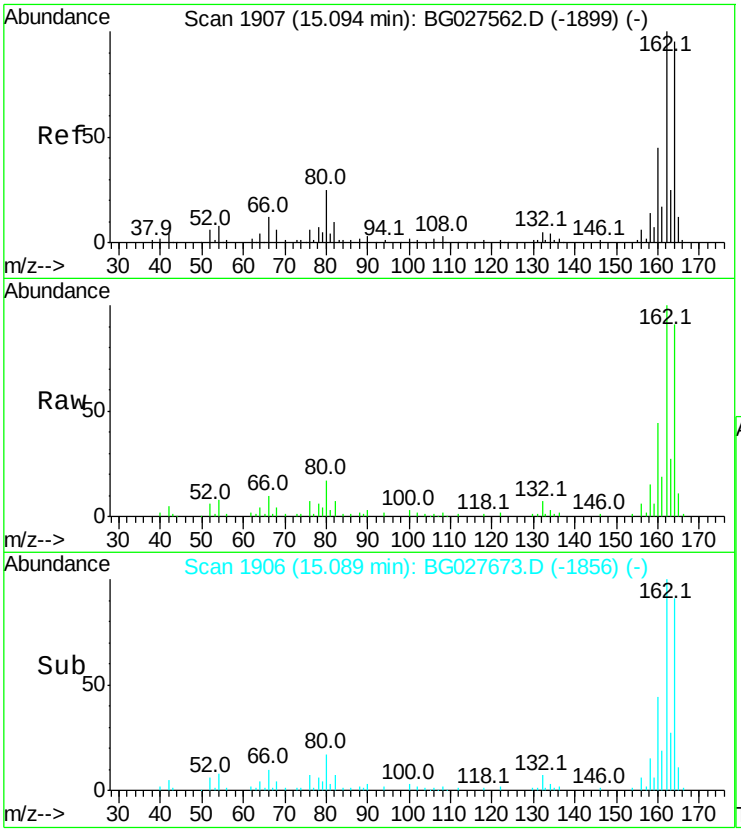




#33
4-Chloroaniline
Concen: 2.00 ng
RT: 11.37 min Scan# 1273
Delta R.T. -0.10 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

Tgt Ion:127 Resp: 4020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 79.1 | 23.6 | 35.4# |
| 65 | 0.0 | 37.7 | 56.5# |
| 92 | 0.0 | 17.6 | 26.4# |



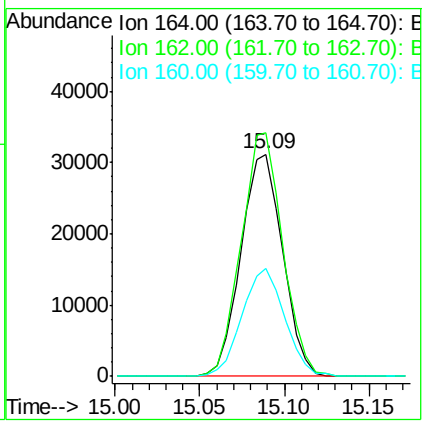


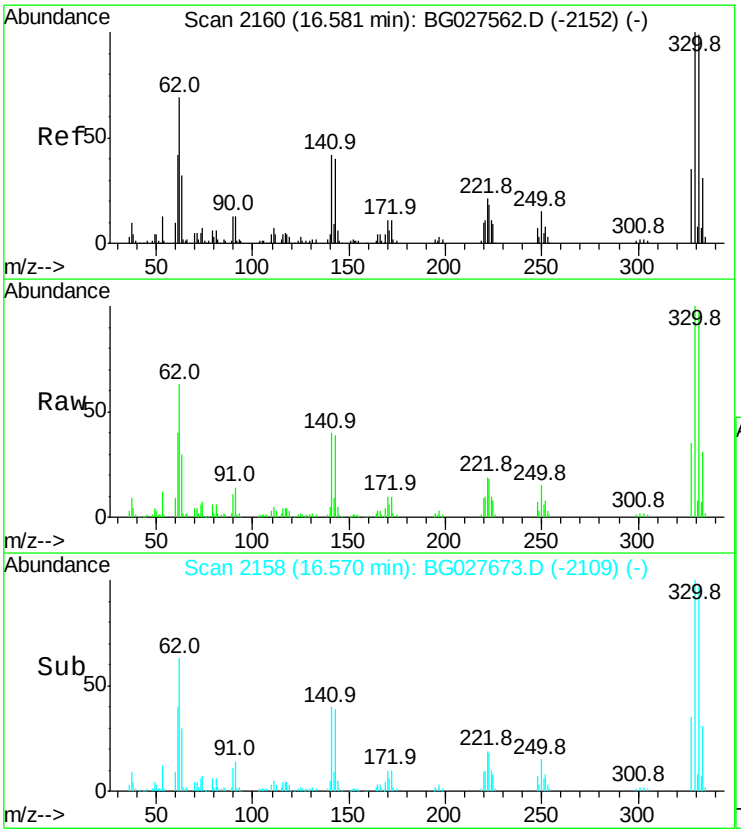

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:164 Resp: 53573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 109.7 | 85.1 | 127.7 |
| 160 | 48.4 | 34.7 | 52.1 |

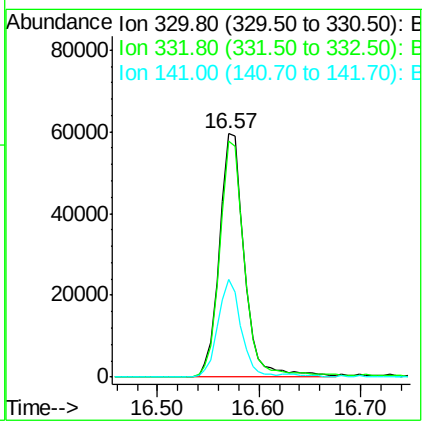


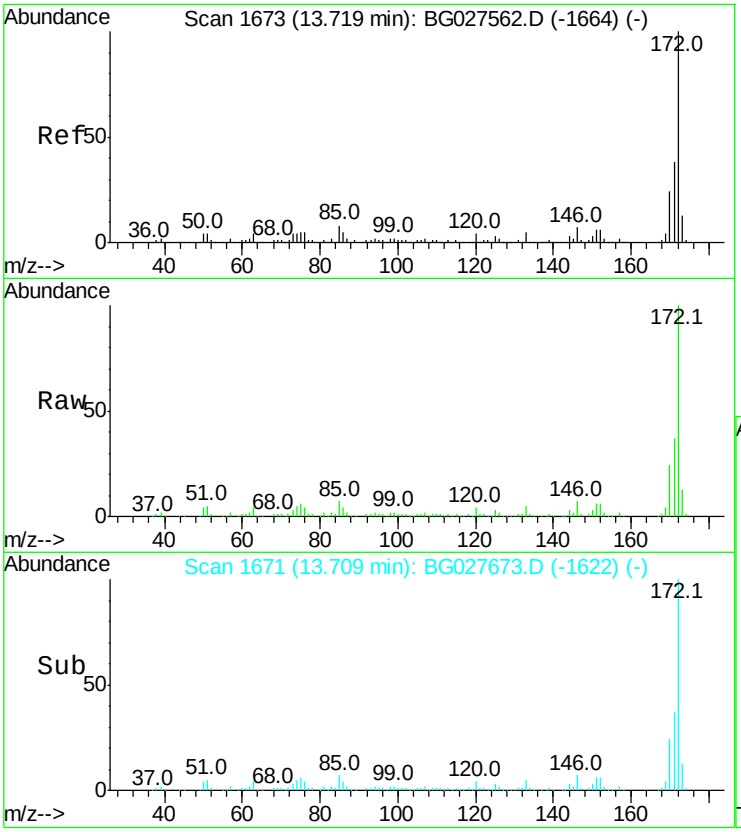




#41
2,4,6-Tribromophenol
Concen: 127.50 ng
RT: 16.57 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

Tgt Ion:330 Resp: 101835

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.3 | 77.3 | 115.9 |
| 141 | 37.1 | 32.1 | 48.1 |



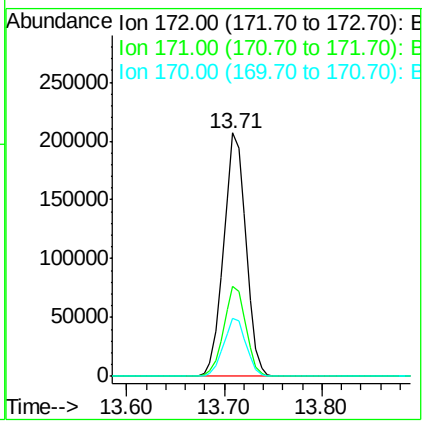


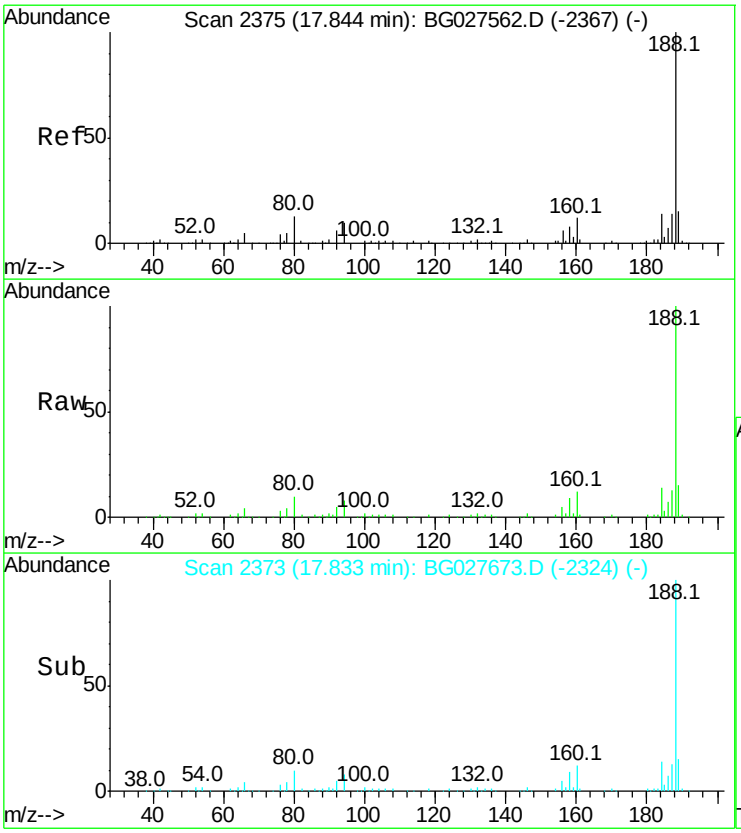

#44
2-Fluorobiphenyl
Concen: 83.20 ng
RT: 13.71 min Scan# 1671
Delta R.T. -0.01 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:172 Resp: 326299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.1 | 32.2 | 48.2 |
| 170 | 24.1 | 21.8 | 32.6 |

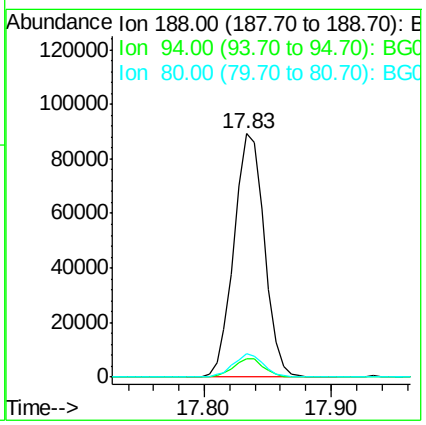


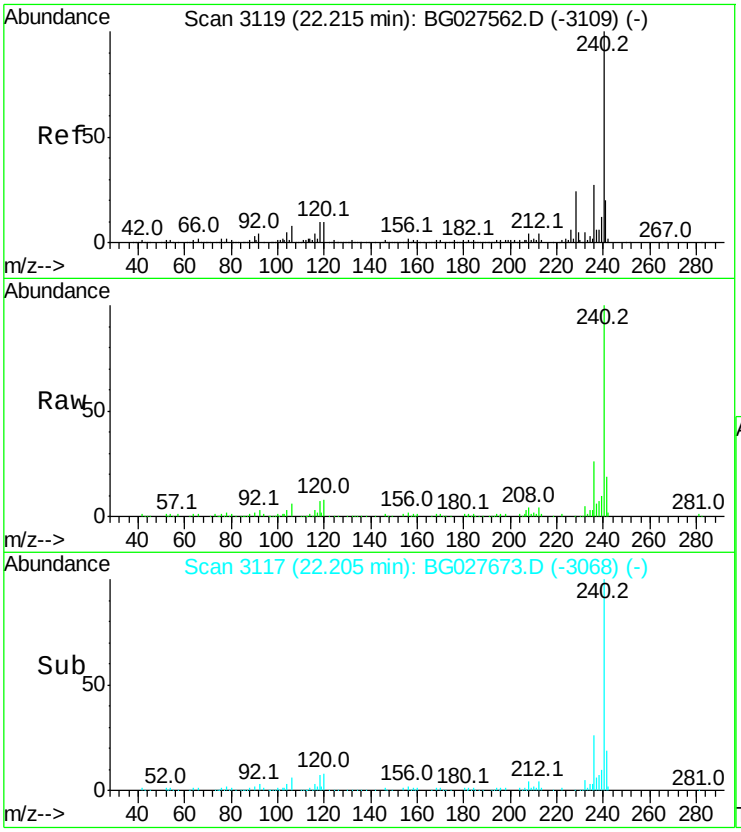




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.83 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

Tgt Ion:188 Resp: 148103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.6 | 5.8 | 8.8 |
| 80 | 9.5 | 7.5 | 11.3 |



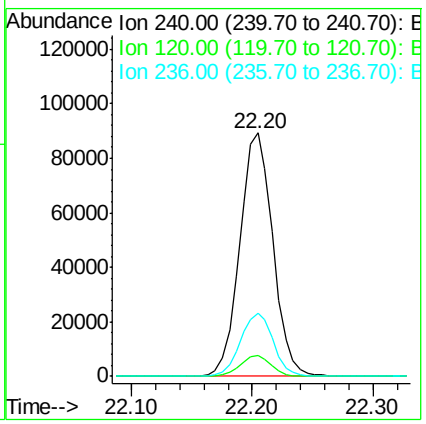


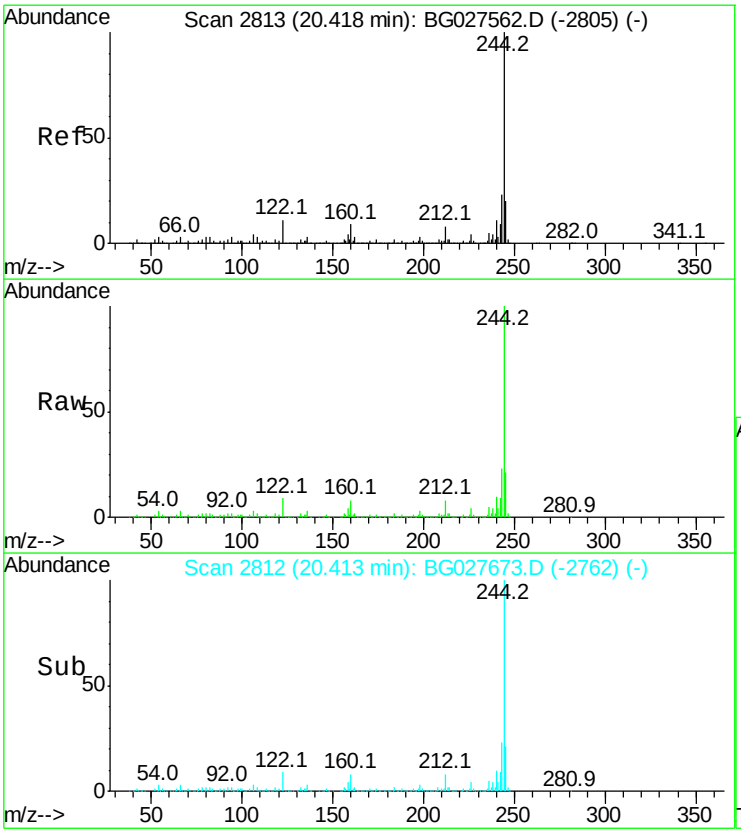

#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:240 Resp: 170716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.3 | 5.7 | 8.5 |
| 236 | 26.1 | 22.2 | 33.4 |

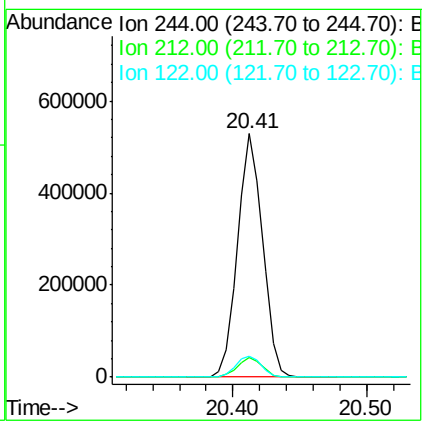


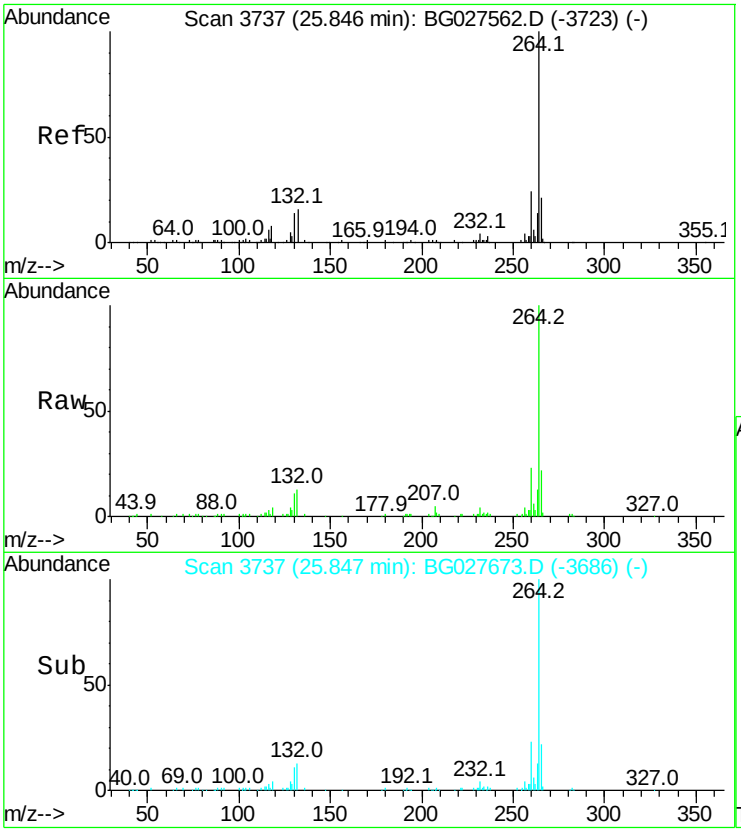




#78
Terphenyl-d14
Concen: 94.48 ng
RT: 20.41 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

Tgt Ion:244 Resp: 684599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 10.0 | 15.0# |
| 122 | 8.8 | 8.6 | 12.8 |






#86
Perylene-d12
Concen: 20.00 ng
RT: 25.85 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG027673.D
Acq: 25 Jun 2017 00:05

**Instrument :**
BNA_G
**ClientSampleId :**

Tgt Ion:264 Resp: 163708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 21.8 | 32.8 |
| 265 | 22.0 | 18.2 | 27.4 |