Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
Data File : BG020054.D
Acq On : 9 Dec 2015 21:53
Operator : UM/SJ
Sample : G4679-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** WC-120415

Quant Time: Dec 10 00:53:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.11 | 152 | 20500 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.93 | 136 | 88299 | 20.00 | ng | -0.02 |
| 38) Acenaphthene-d10 | 14.73 | 164 | 61655 | 20.00 | ng | -0.03 |
| 63) Phenanthrene-d10 | 17.48 | 188 | 146336 | 20.00 | ng | -0.03 |
| 75) Chrysene-d12 | 21.75 | 240 | 181752 | 20.00 | ng | -0.04 |
| 86) Perylene-d12 | 25.03 | 264 | 167884 | 20.00 | ng | -0.07 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.66 | 112 | 159312 | 140.46 | ng | -0.01 |
| 7) Phenol-d6 | 7.26 | 99 | 220464 | 128.73 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.28 | 82 | 167952 | 97.07 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.22 | 330 | 121063 | 128.33 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 13.37 | 172 | 412418 | 91.33 | ng | -0.02 |
| 78) Terphenyl-d14 | 20.08 | 244 | 703386 | 94.40 | ng | -0.03 |
| **Target Compounds** | | | | | | Qvalue |
| 32) Benzoic acid | 10.10 | 122 | 79 | 6.07 | ng | # 48 |

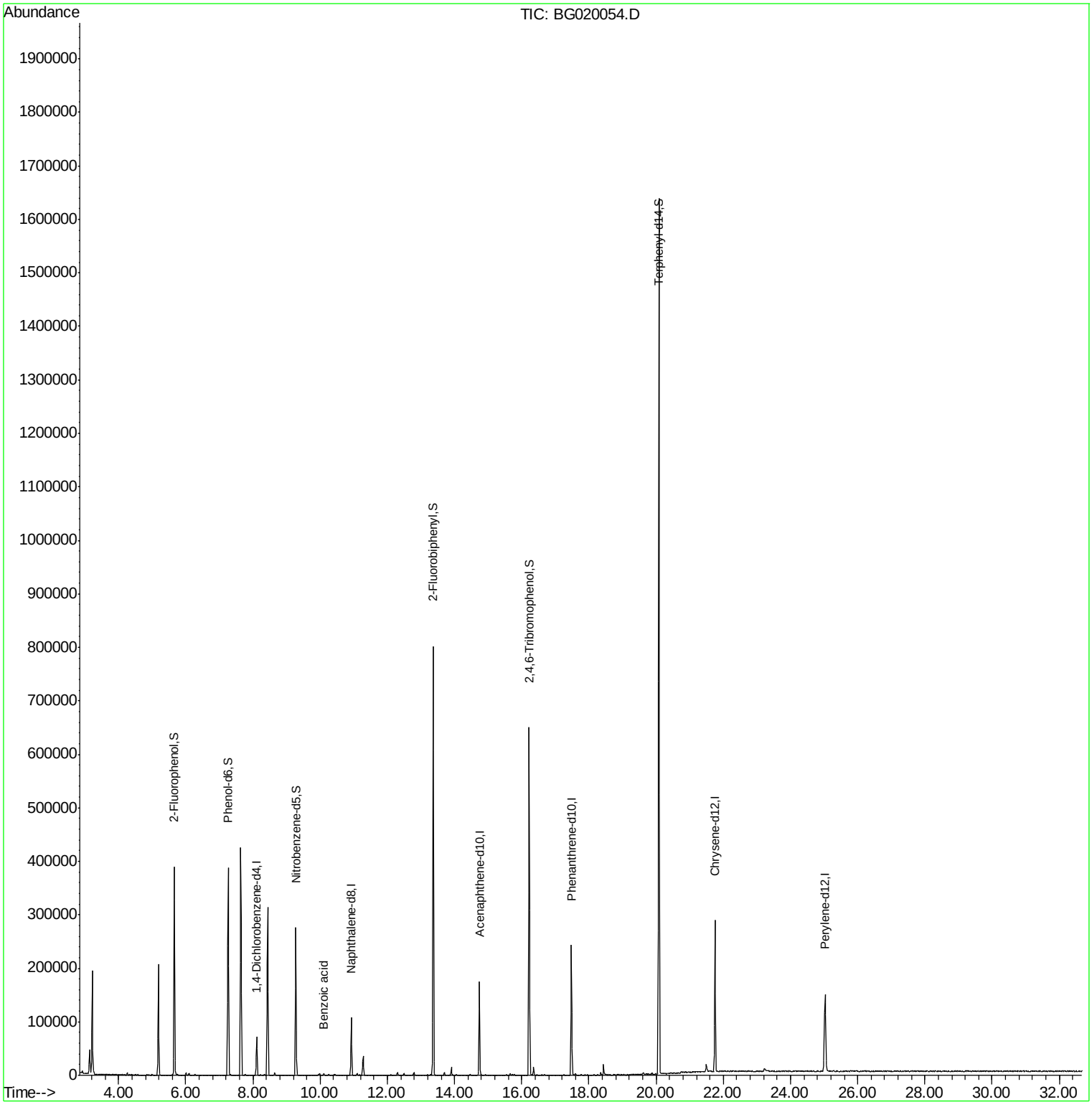
(#) = qualifier out of range (m) = manual integration (+) = signals summed

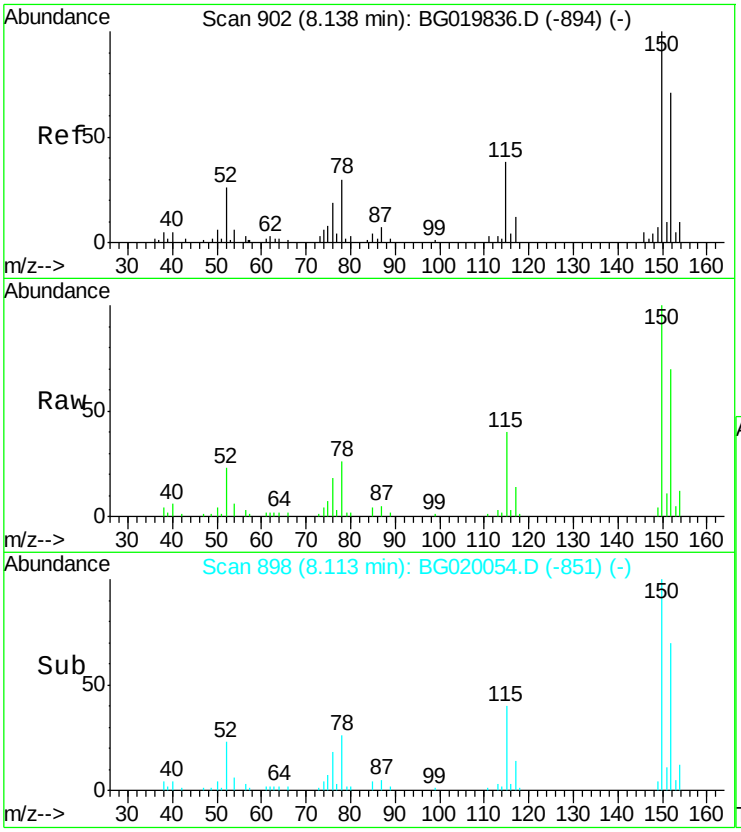
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
Data File : BG020054.D
Acq On : 9 Dec 2015 21:53
Operator : UM/SJ
Sample : G4679-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
WC-120415

Quant Time: Dec 10 00:53:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration



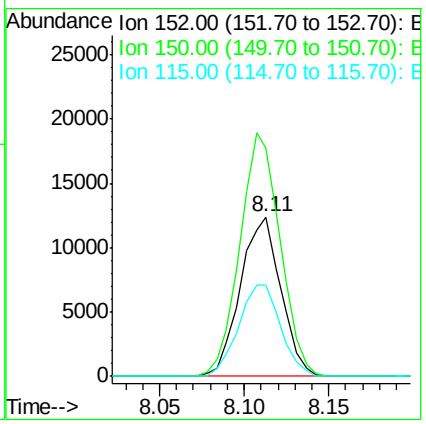


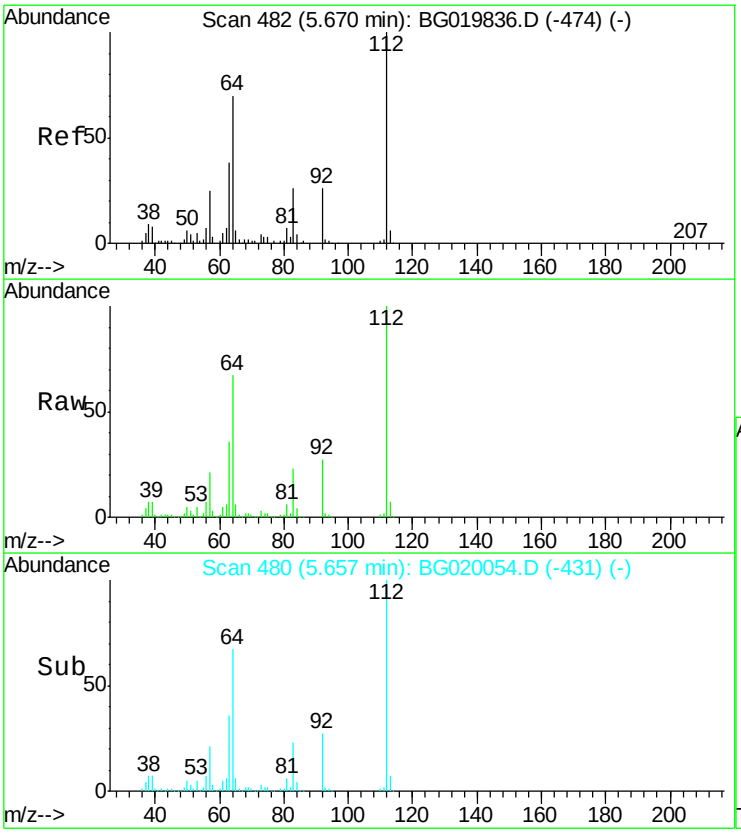

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

**Instrument :**
BNA_G
**ClientSampleId :**
WC-120415

Tgt Ion:152 Resp: 20500

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 143.4 | 115.0 | 172.4 |
| 115 | 57.0 | 43.9 | 65.9 |

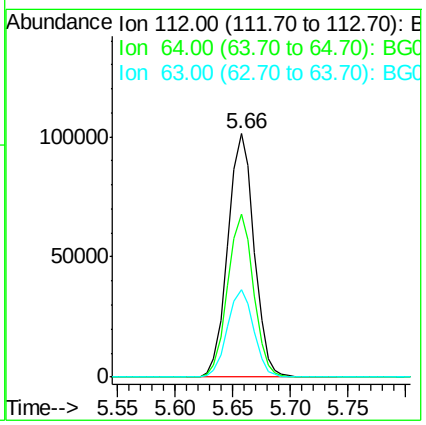


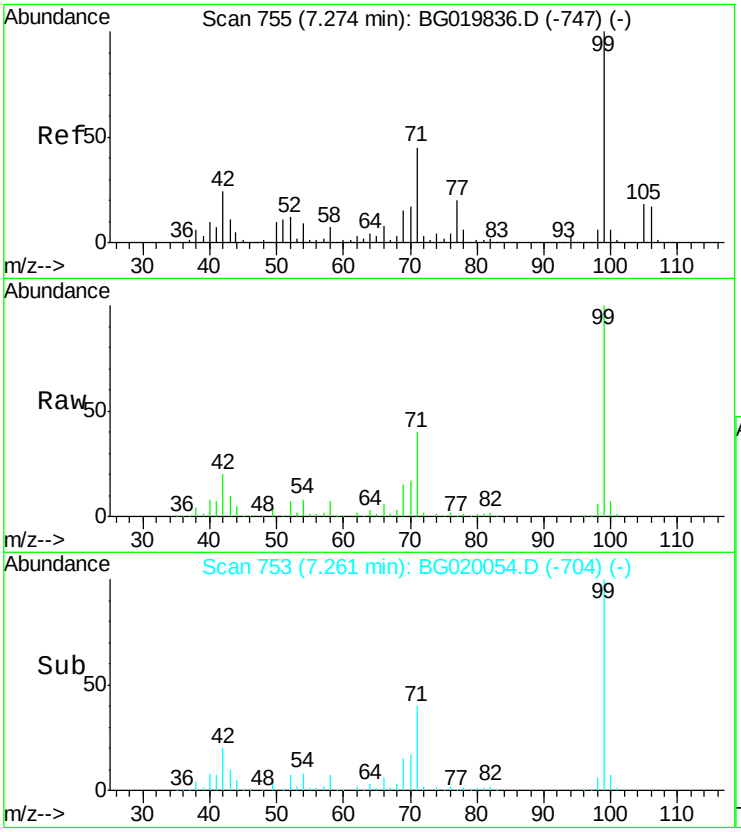




#5
2-Fluorophenol
Concen: 140.46 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

Tgt Ion:112 Resp: 159312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.7 | 43.7 | 65.5# |
| 63 | 36.1 | 24.0 | 36.0# |



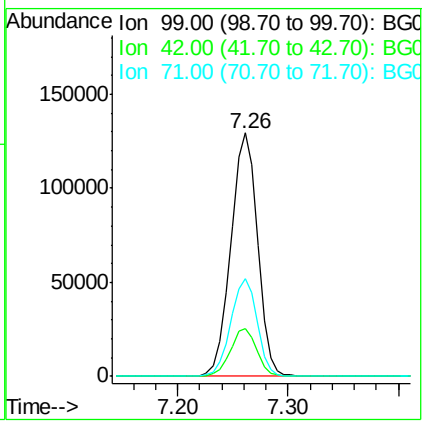


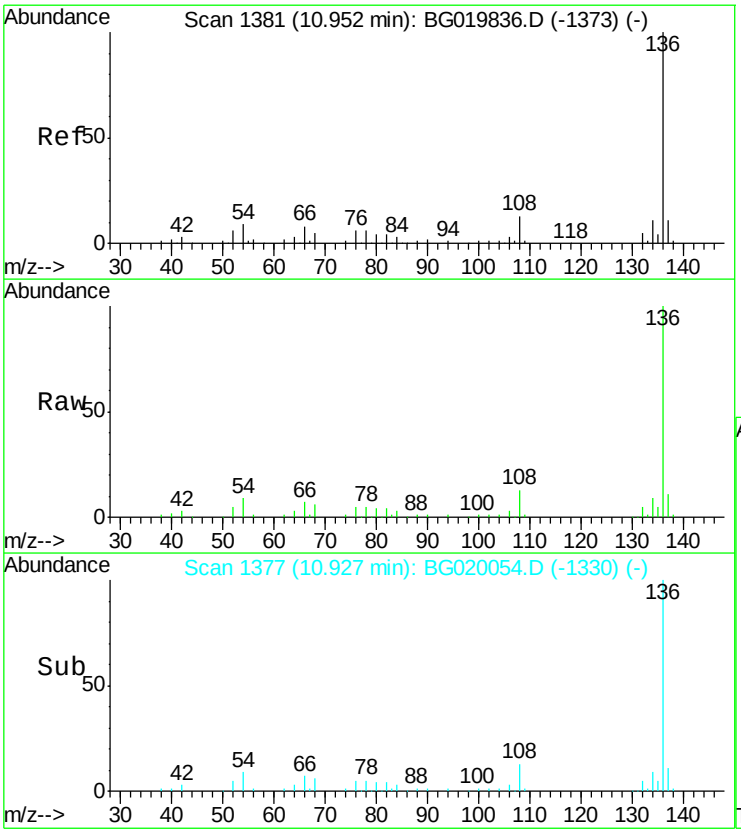

#7
Phenol-d6
Concen: 128.73 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

**Instrument :**
BNA_G
**ClientSampleId :**
WC-120415

Tgt Ion: 99 Resp: 220464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.7 | 11.5 | 17.3# |
| 71 | 40.3 | 22.6 | 34.0# |

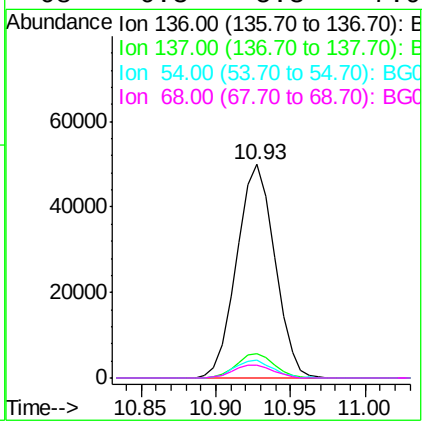


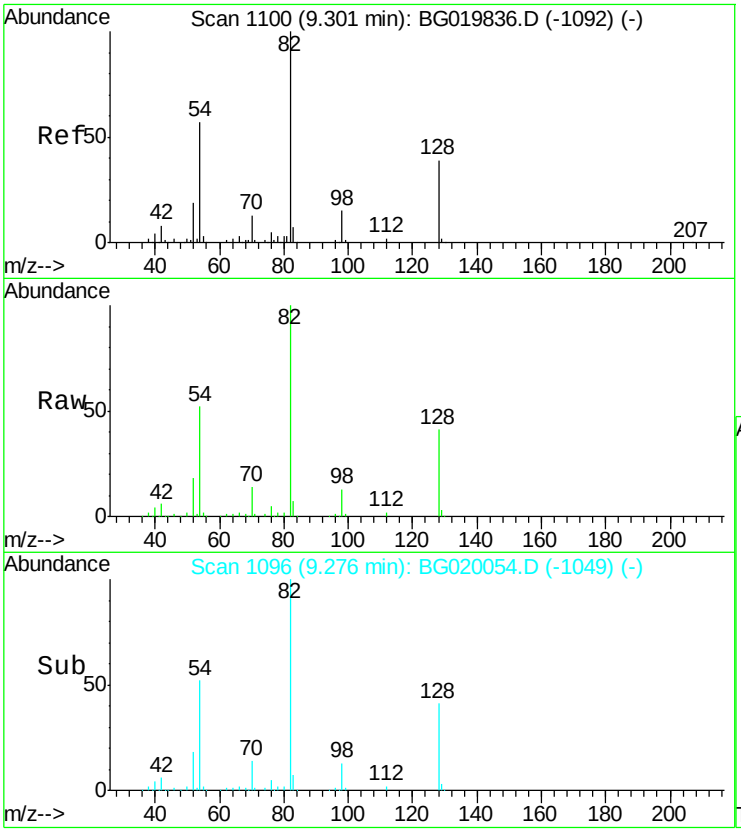




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

Tgt Ion:136 Resp: 88299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.6 | 12.8 |
| 54 | 8.7 | 5.4 | 8.2# |
| 68 | 6.3 | 5.3 | 7.9 |



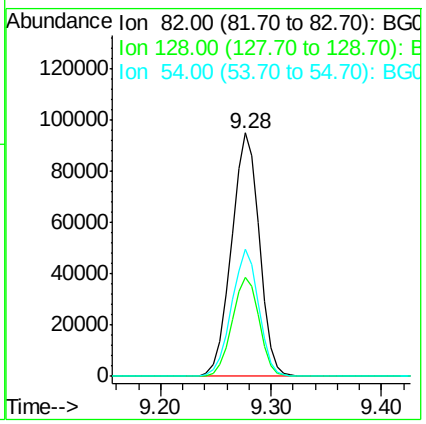


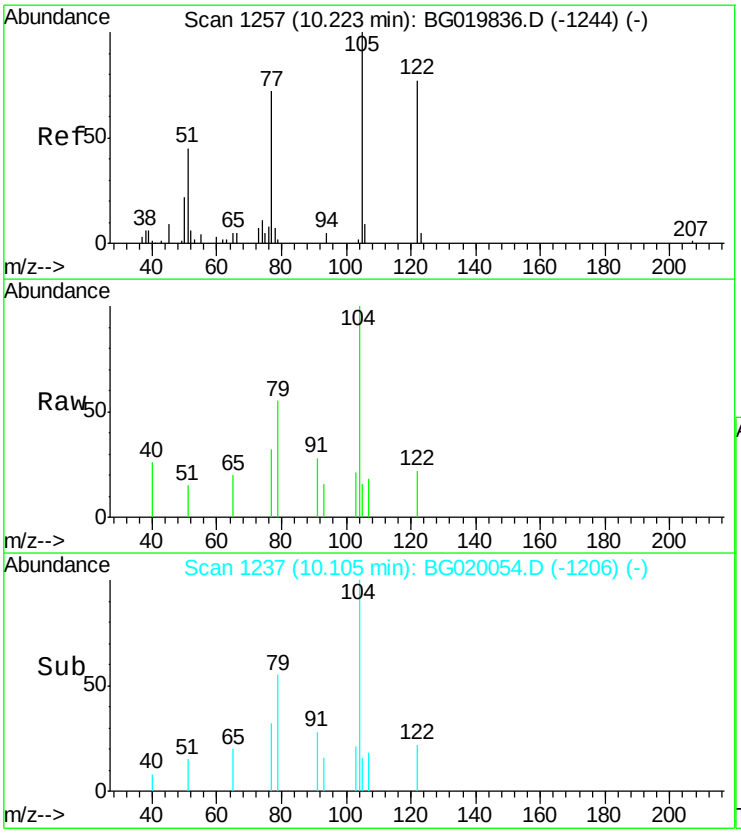

#23
Nitrobenzene-d5
Concen: 97.07 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

**Instrument :**
BNA_G
**ClientSampleId :**
WC-120415

Tgt Ion: 82 Resp: 167952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.7 | 36.7 | 55.1 |
| 54 | 52.0 | 33.8 | 50.8# |

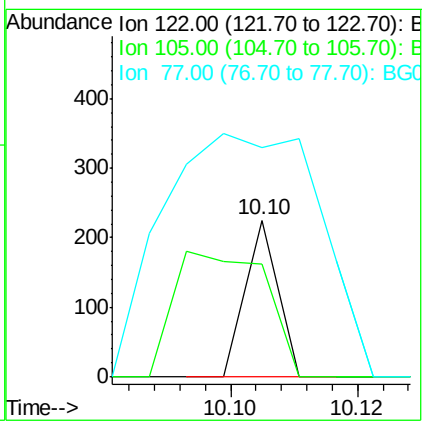


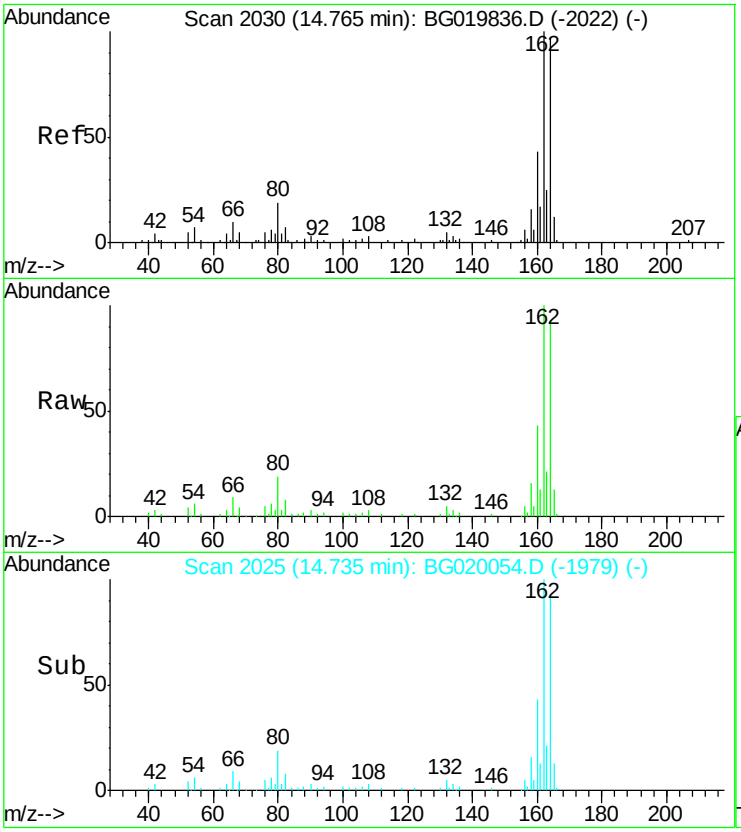




#32
Benzoic acid
Concen: 6.07 ng
RT: 10.10 min Scan# 1237
Delta R.T. -0.12 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

Tgt Ion:122 Resp: 79

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 72.0 | 103.8 | 143.8# |
| 77 | 146.2 | 68.8 | 108.8# |



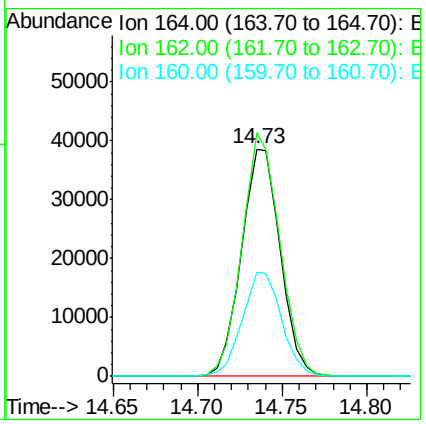


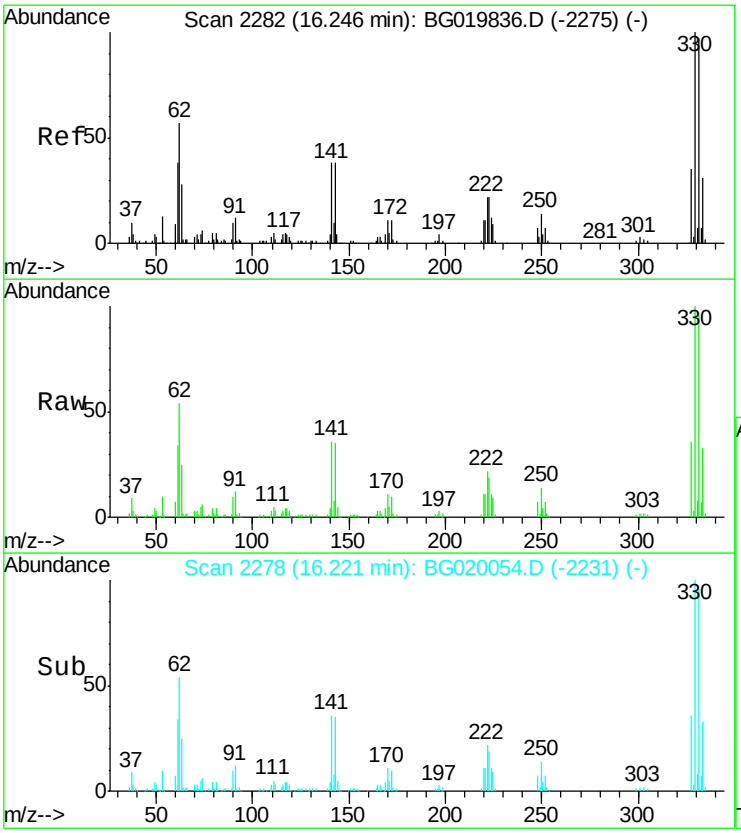

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

**Instrument :**
BNA_G
**ClientSampleId :**
WC-120415

Tgt Ion:164 Resp: 61655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 107.0 | 78.8 | 118.2 |
| 160 | 45.9 | 36.4 | 54.6 |

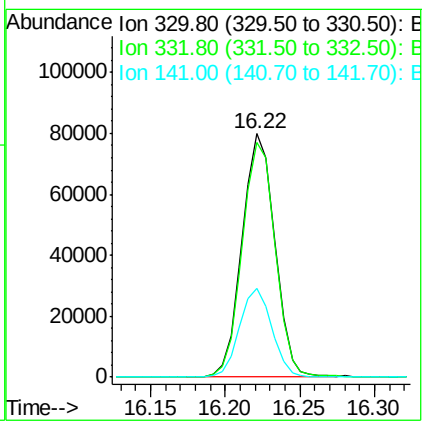


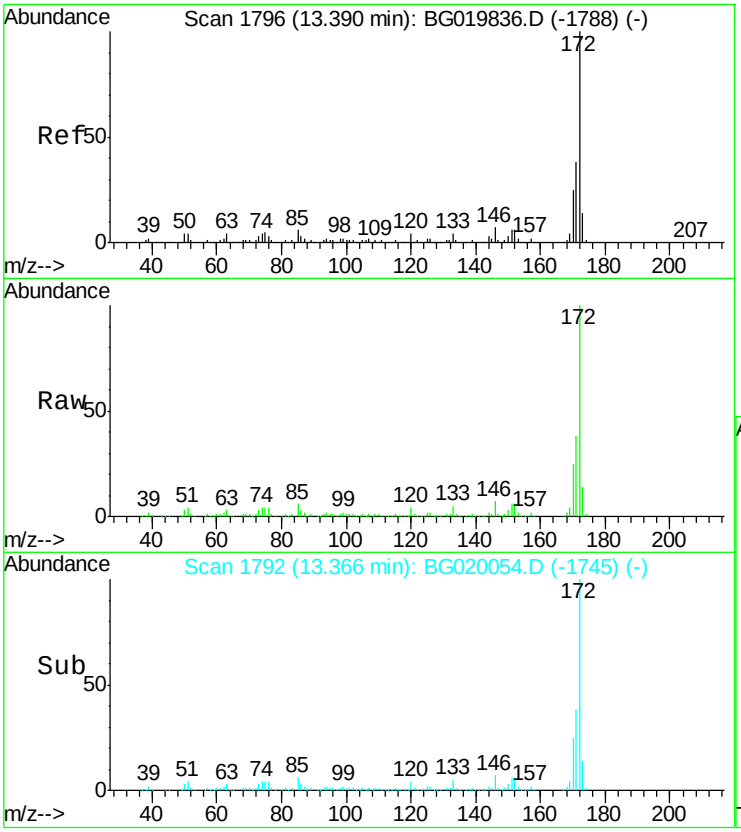




#41
2,4,6-Tribromophenol
Concen: 128.33 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

Tgt Ion:330 Resp: 121063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 78.1 | 117.1 |
| 141 | 36.1 | 28.2 | 42.2 |



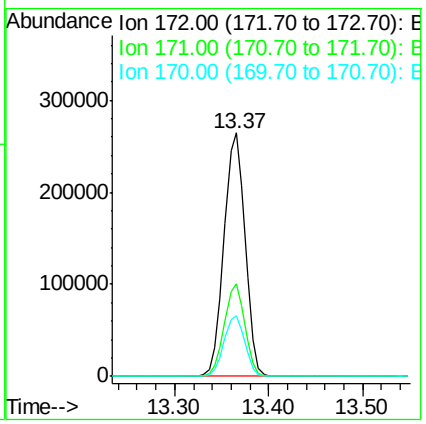


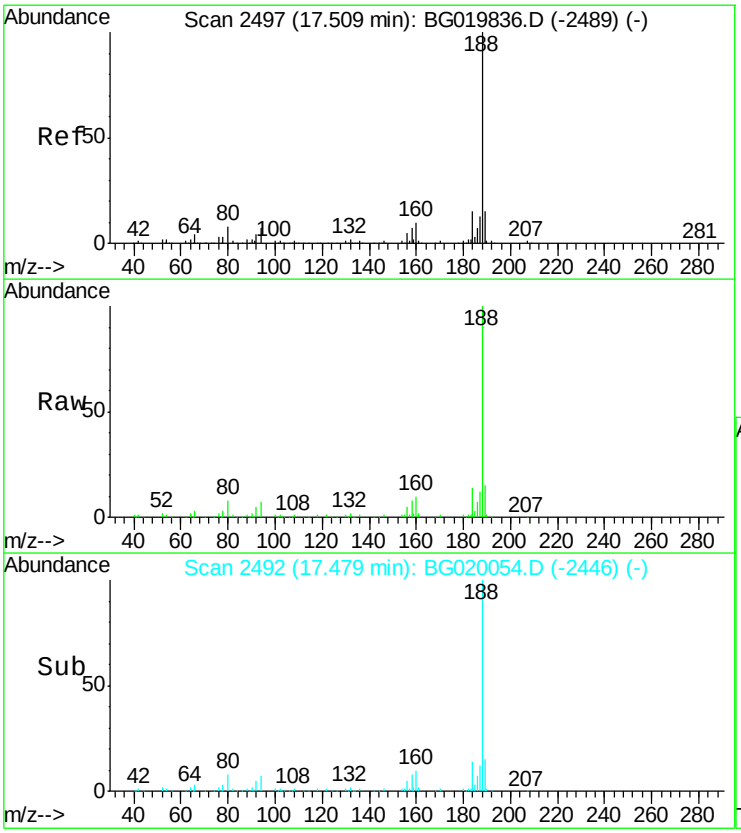

#44
2-Fluorobiphenyl
Concen: 91.33 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

**Instrument :**
BNA_G
**ClientSampleId :**
WC-120415

Tgt Ion:172 Resp: 412418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.9 | 29.0 | 43.6 |
| 170 | 25.0 | 19.9 | 29.9 |

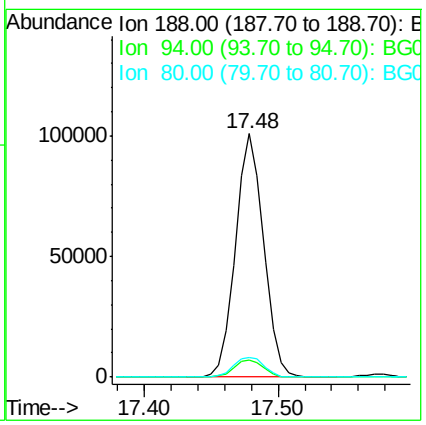


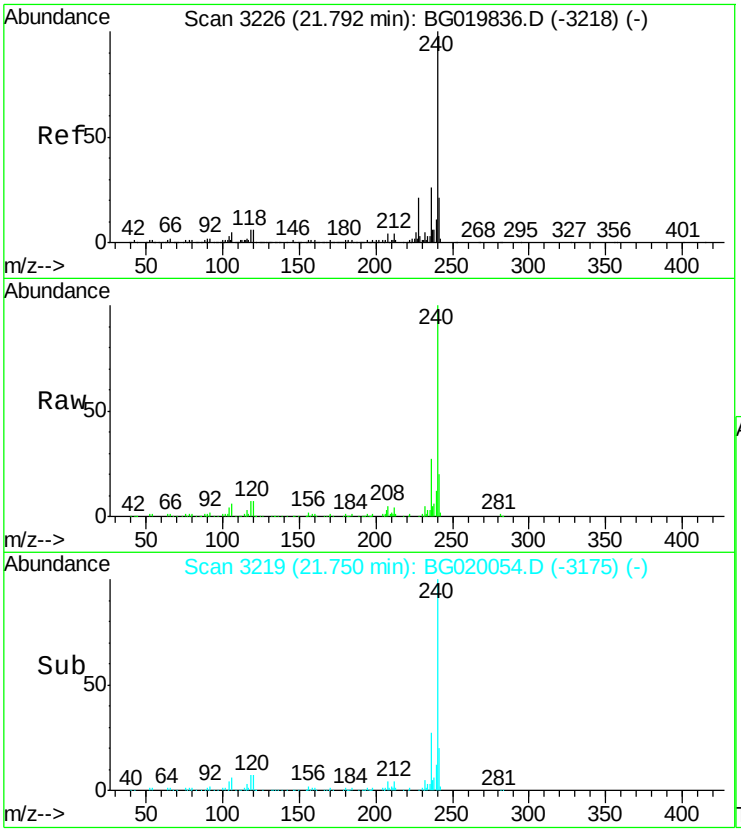




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

Tgt Ion:188 Resp: 146336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.9 | 7.7 | 11.5# |
| 80 | 8.1 | 7.8 | 11.8 |



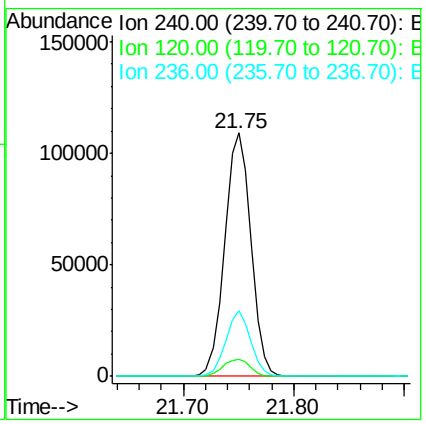


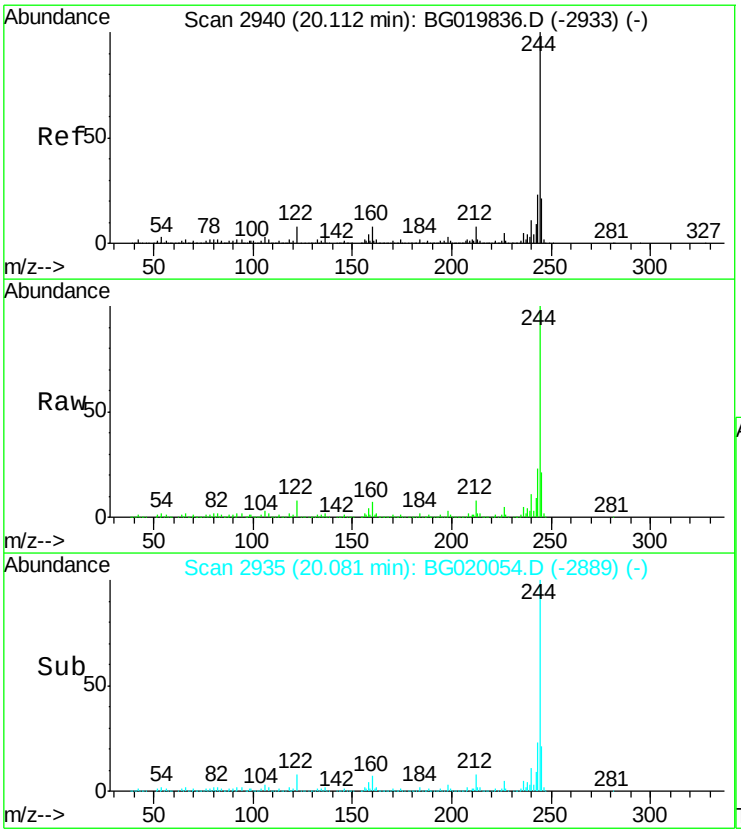

#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

**Instrument :**
BNA_G
**ClientSampleId :**
WC-120415

Tgt Ion:240 Resp: 181752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.8 | 7.4 | 11.0# |
| 236 | 27.1 | 20.7 | 31.1 |

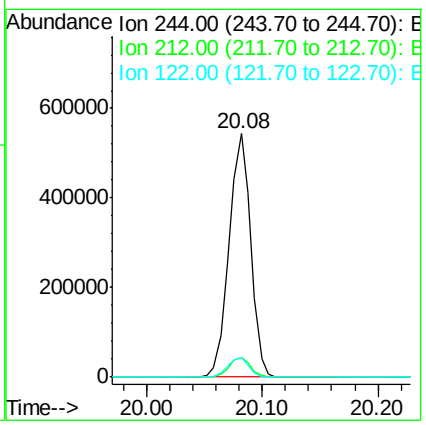


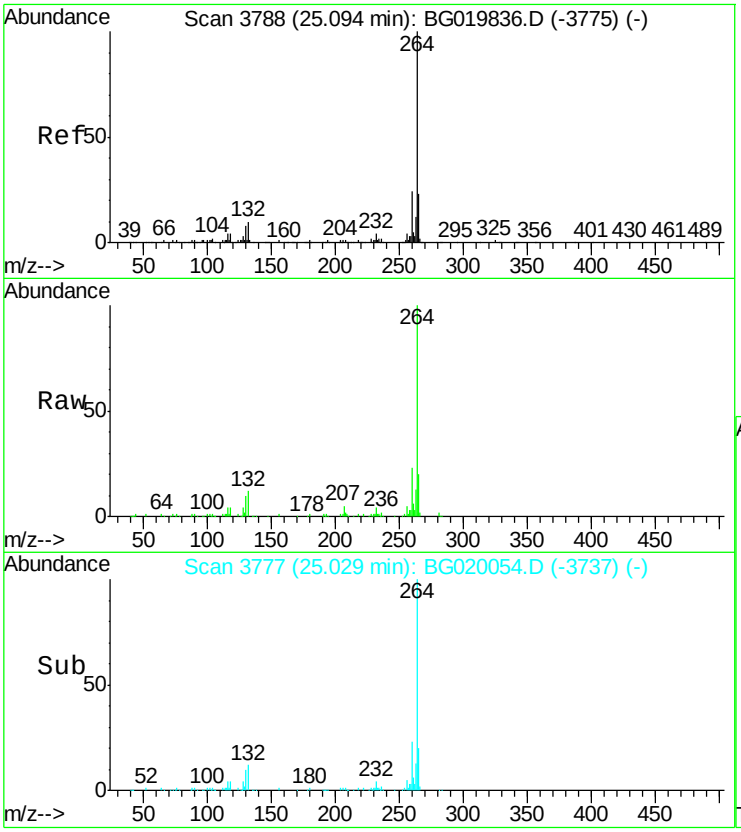




#78
Terphenyl-d14
Concen: 94.40 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

Tgt Ion:244 Resp: 703386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 6.9 | 10.3 |
| 122 | 8.2 | 10.2 | 15.2# |






#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.07 min
Lab File: BG020054.D
Acq: 9 Dec 2015 21:53

**Instrument :**
BNA_G
**ClientSampleId :**
WC-120415

Tgt Ion:264 Resp: 167884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 18.5 | 27.7 |
| 265 | 20.0 | 17.2 | 25.8 |