Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028912.D
Acq On : 25 Sep 2017 17:54
Operator : SJ/JU
Sample : I5301-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 26 01:25:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.28 | 152 | 28523 | 20.00 | ng | | -0.05 |
| 21) Naphthalene-d8 | 11.10 | 136 | 109875 | 20.00 | ng | | -0.05 |
| 38) Acenaphthene-d10 | 14.90 | 164 | 78993 | 20.00 | ng | | -0.05 |
| 63) Phenanthrene-d10 | 17.65 | 188 | 222163 | 20.00 | ng | | -0.05 |
| 75) Chrysene-d12 | 21.97 | 240 | 262592 | 20.00 | ng | | -0.07 |
| 86) Perylene-d12 | 25.42 | 264 | 266073 | 20.00 | ng | | -0.11 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.85 | 112 | 132611 | 76.72 | ng | | -0.05 |
| 7) Phenol-d6 | 7.44 | 99 | 130257 | 50.05 | ng | | -0.05 |
| 23) Nitrobenzene-d5 | 9.45 | 82 | 252831 | 110.08 | ng | | -0.05 |
| 41) 2,4,6-Tribromophenol | 16.39 | 330 | 223356 | 170.96 | ng | | -0.05 |
| 44) 2-Fluorobiphenyl | 13.52 | 172 | 656870 | 110.88 | ng | | -0.05 |
| 78) Terphenyl-d14 | 20.23 | 244 | 1285956 | 104.44 | ng | | -0.05 |
| **Target Compounds** | | | | | | | Qvalue |
| 12) 1,3-Dichlorobenzene | 8.32 | 146 | 4777 | 2.30 | ng | | 93 |
| 13) 1,4-Dichlorobenzene | 8.32 | 146 | 4777 | 2.24 | ng | | 95 |
| 15) Benzyl Alcohol | 8.61 | 79 | 4844 | 2.38 | ng | # | 82 |
| 32) Benzoic acid | 10.64 | 122 | 60 | 6.12 | ng | # | 1 |
| 49) Dimethylphthalate | 14.34 | 163 | 22128 | 3.34 | ng | # | 98 |
| 53) 2,4-Dinitrophenol | 14.96 | 184 | 54 | 8.06 | ng | # | 15 |

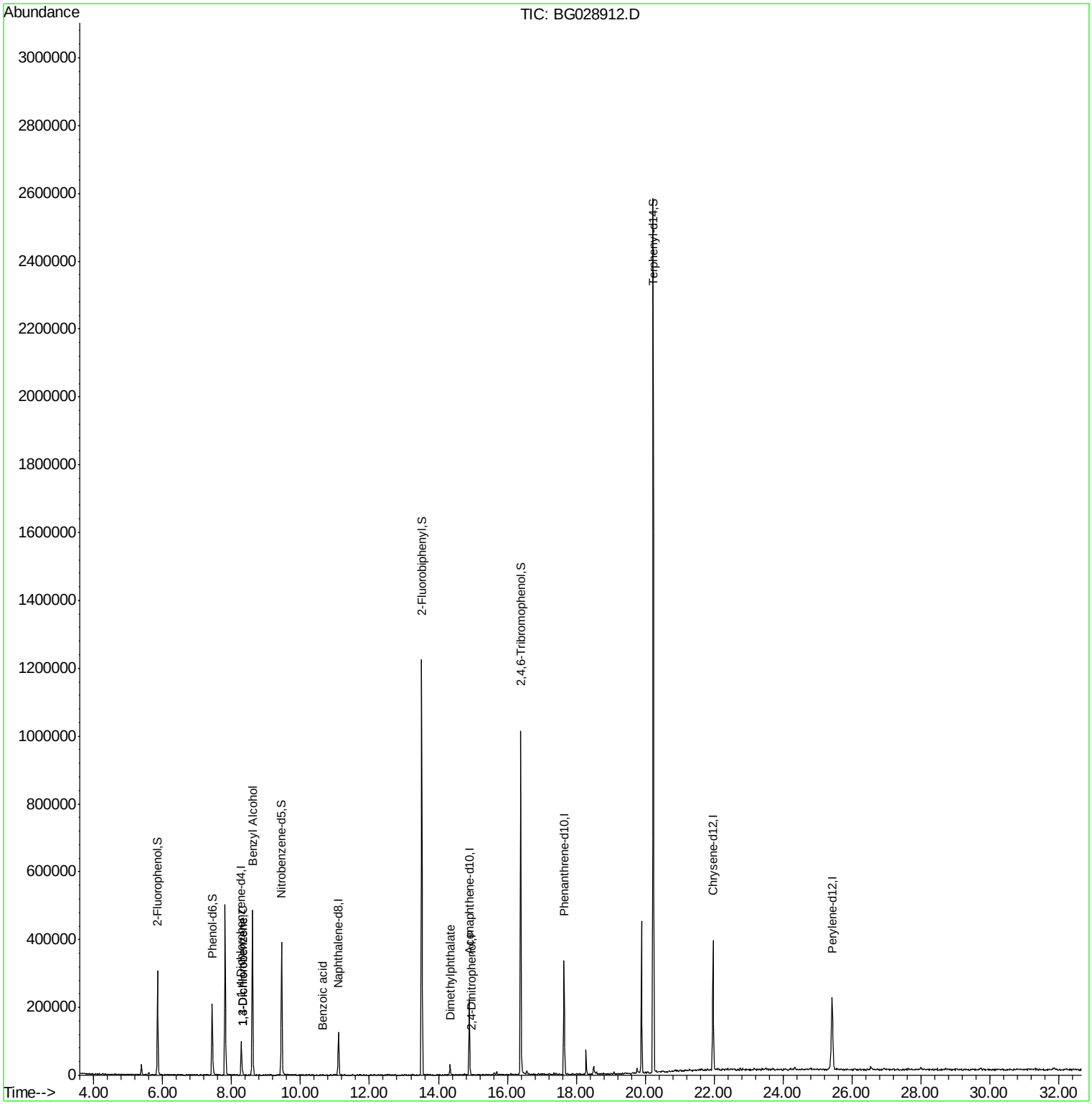
(#) = qualifier out of range (m) = manual integration (+) = signals summed

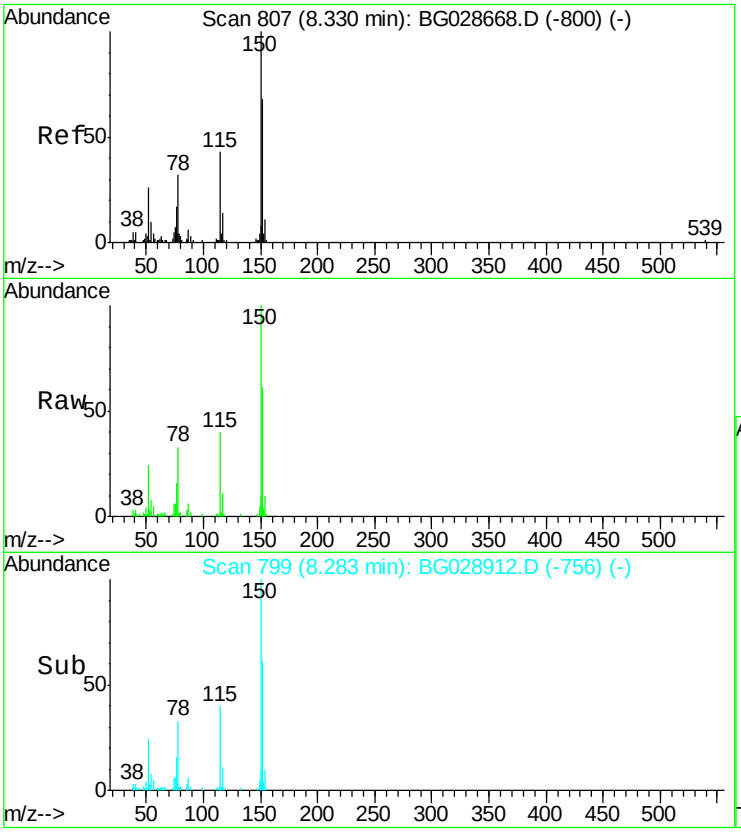
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028912.D
Acq On : 25 Sep 2017 17:54
Operator : SJ/JU
Sample : I5301-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 26 01:25:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration



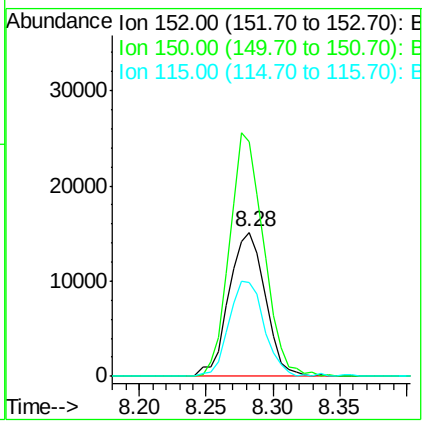


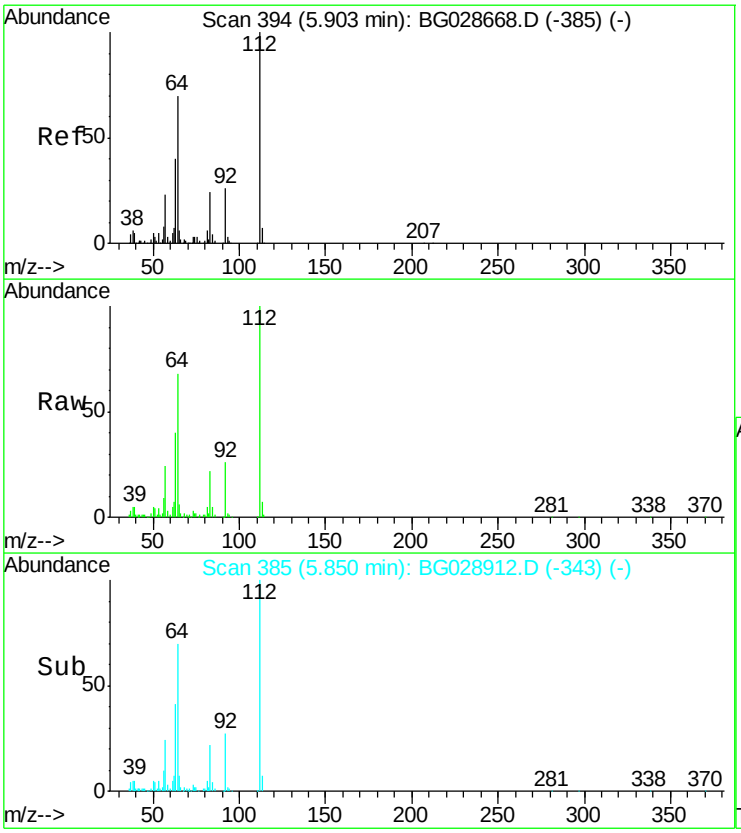

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.28 min Scan# 799
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

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

Tgt Ion:152 Resp: 28523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.8 | 114.0 | 171.0 |
| 115 | 64.8 | 48.1 | 72.1 |

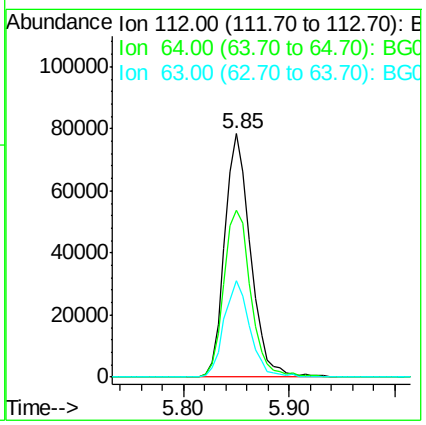


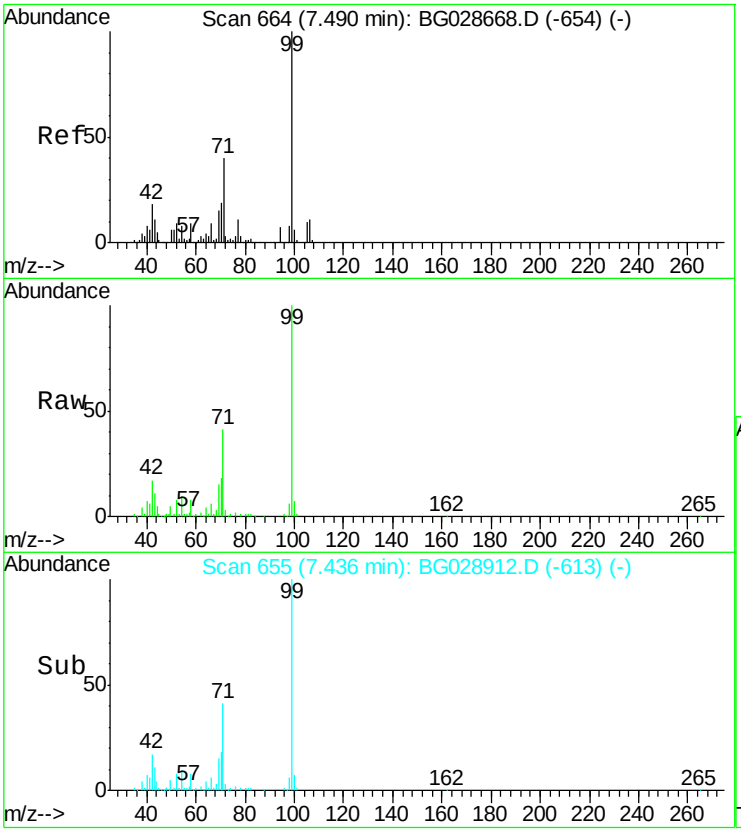




#5
2-Fluorophenol
Concen: 76.72 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion:112 Resp: 132611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.5 | 61.8 | 92.6 |
| 63 | 39.8 | 37.2 | 55.8 |



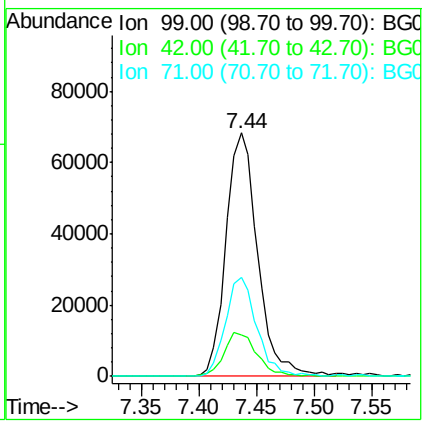


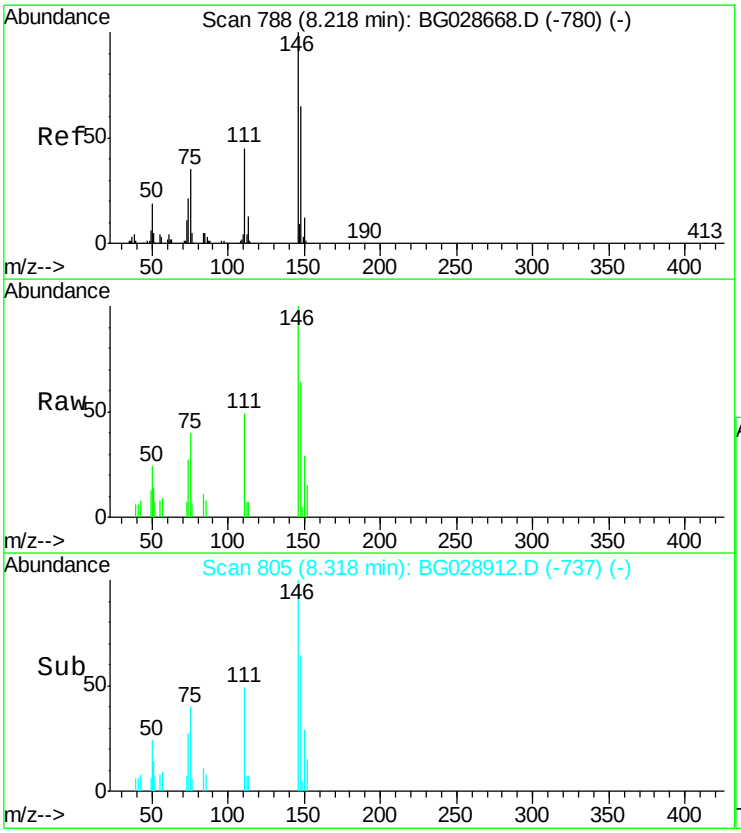

#7
Phenol-d6
Concen: 50.05 ng
RT: 7.44 min Scan# 655
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

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

Tgt Ion: 99 Resp: 130257

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.1 | 20.5 | 30.7# |
| 71 | 40.6 | 37.6 | 56.4 |

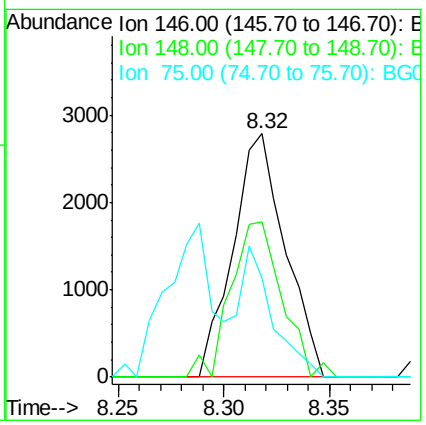


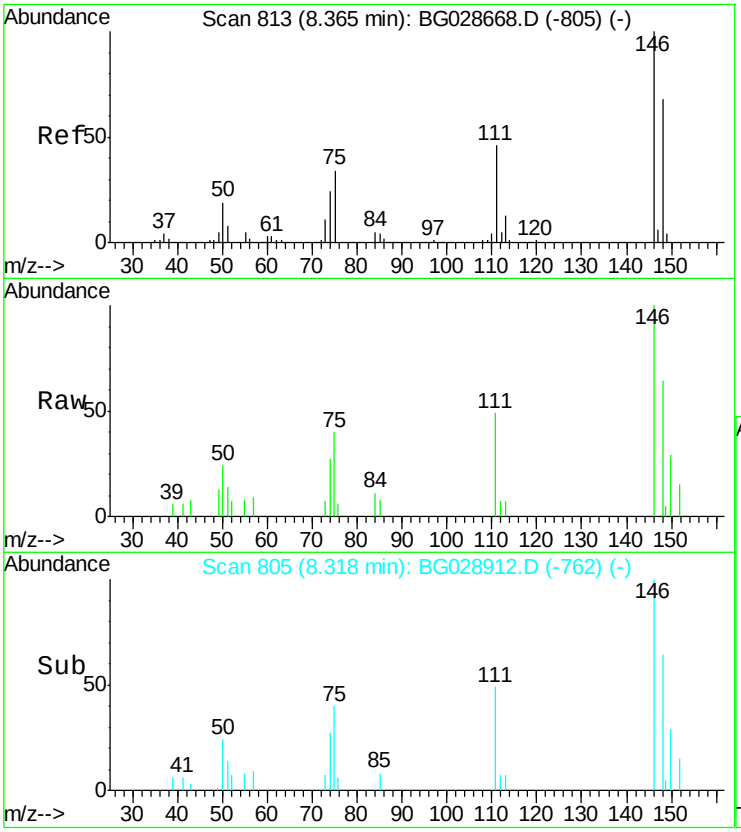




#12
1,3-Dichlorobenzene
Concen: 2.30 ng
RT: 8.32 min Scan# 805
Delta R.T. 0.10 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion:146 Resp: 4777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 69.2 | 49.2 | 73.8 |
| 75 | 40.5 | 33.4 | 50.2 |

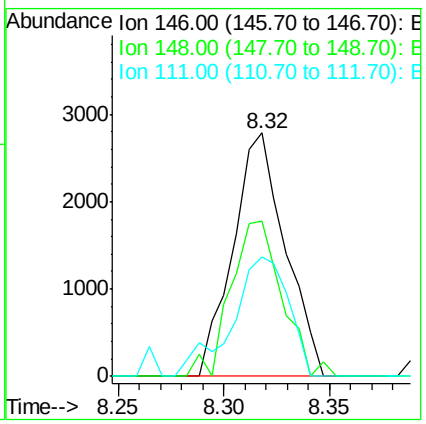




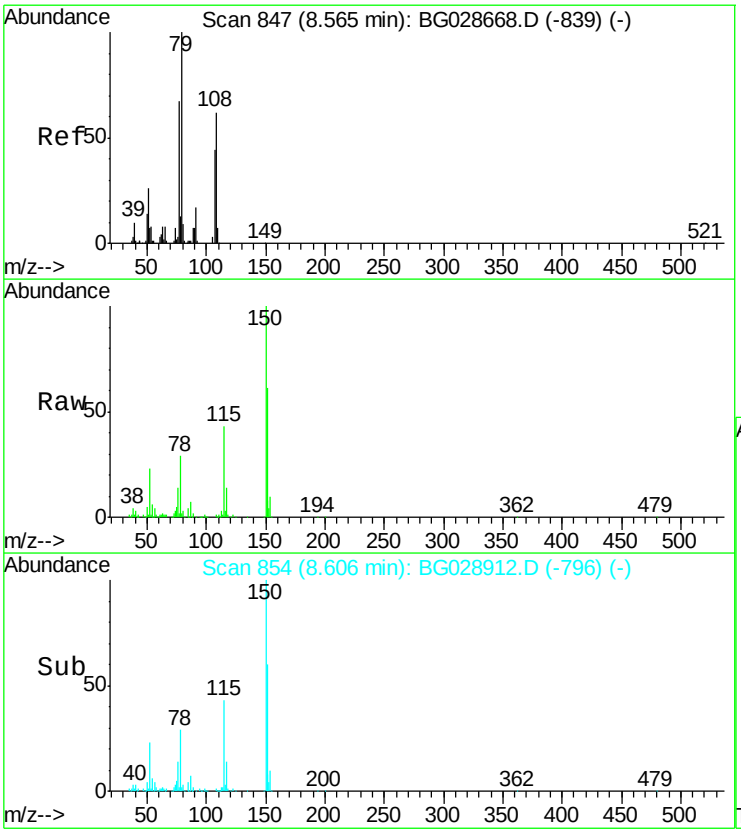

#13
1,4-Dichlorobenzene
Concen: 2.24 ng
RT: 8.32 min Scan# 805
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion:146 Resp: 4777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 69.2 | 52.2 | 78.2 |
| 111 | 48.9 | 37.0 | 55.6 |



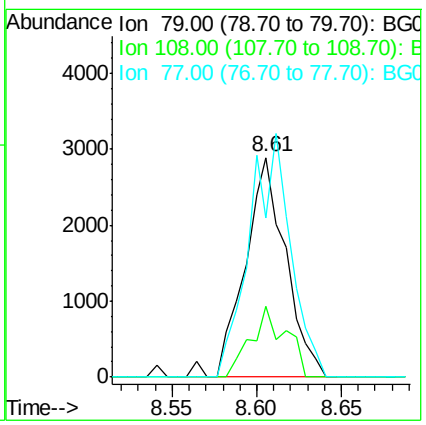

**Instrument :**
BNA_G
**ClientSampleId :**

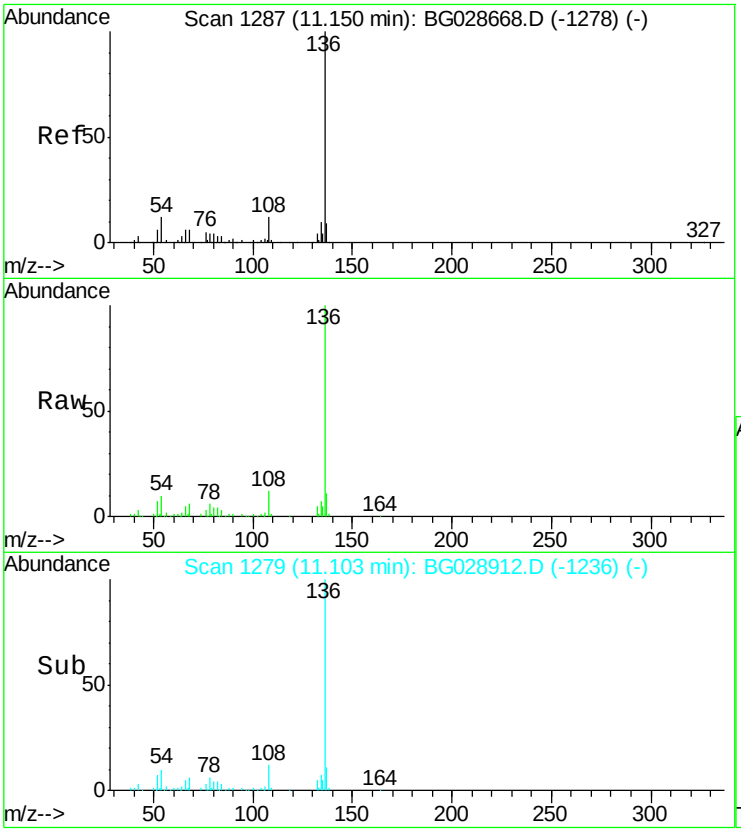



#15
Benzyl Alcohol
Concen: 2.38 ng
RT: 8.61 min Scan# 854
Delta R.T. 0.04 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion: 79 Resp: 4844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 32.2 | 45.5 | 68.3# |
| 77 | 72.1 | 54.3 | 81.5 |



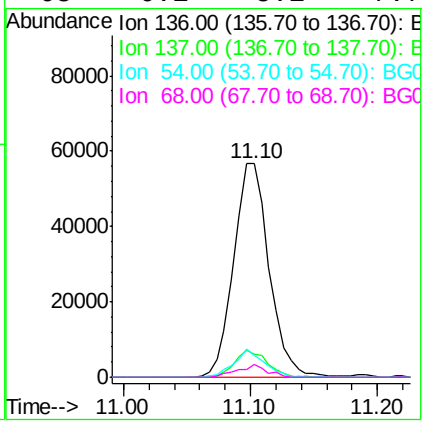


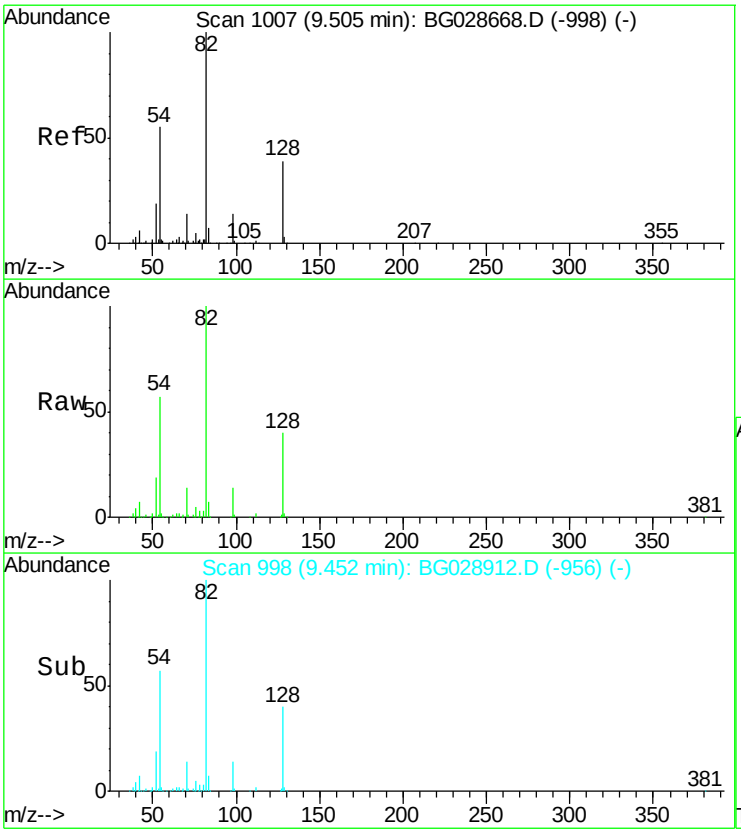

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

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

Tgt Ion:136 Resp: 109875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.9 | 13.3 |
| 54 | 10.5 | 9.3 | 13.9 |
| 68 | 6.1 | 5.1 | 7.7 |

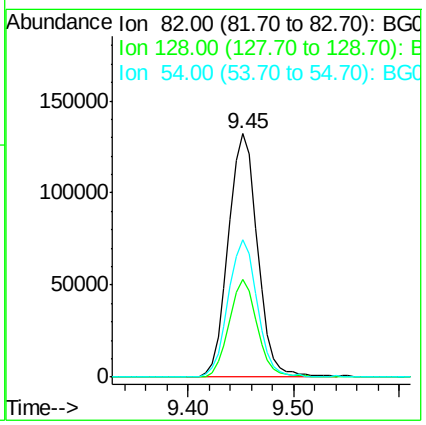


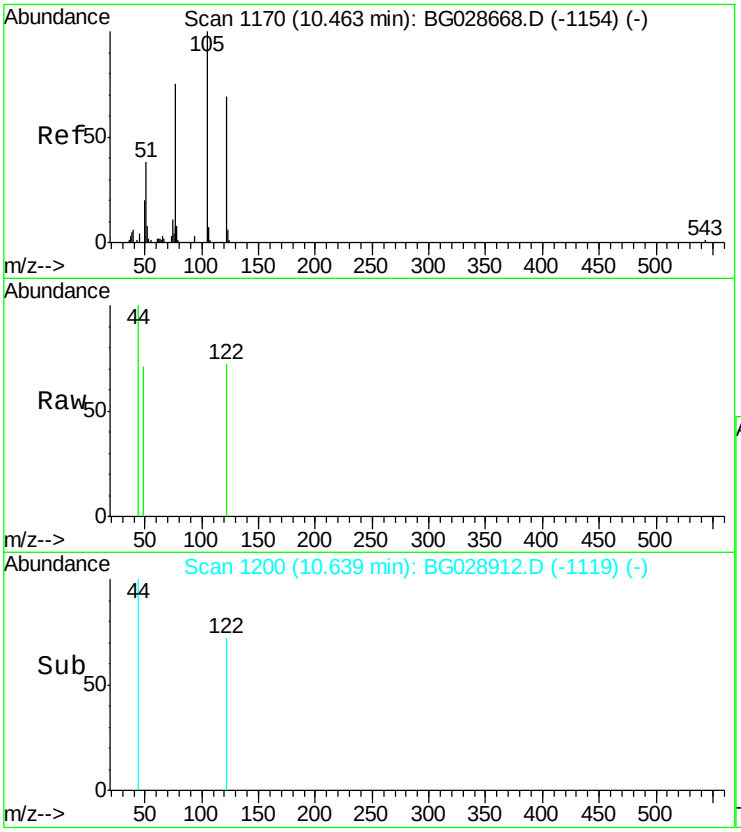




#23
Nitrobenzene-d5
Concen: 110.08 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion: 82 Resp: 252831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.0 | 26.4 | 39.6# |
| 54 | 56.5 | 49.4 | 74.2 |



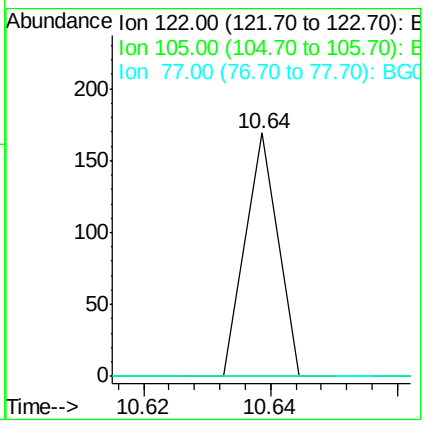


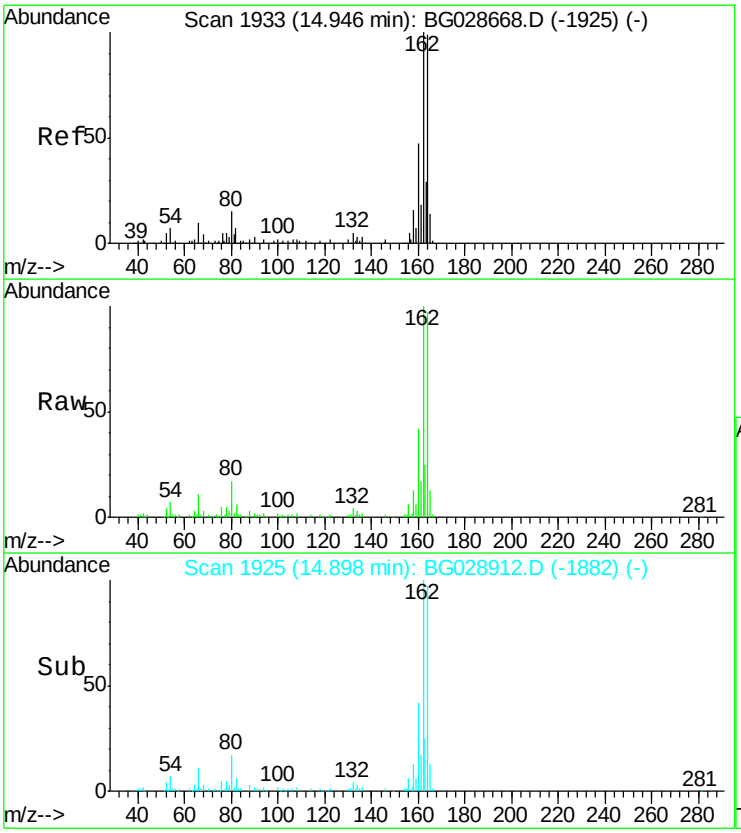

#32
Benzoic acid
Concen: 6.12 ng
RT: 10.64 min Scan# 1200
Delta R.T. 0.18 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

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

Tgt Ion:122 Resp: 60

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

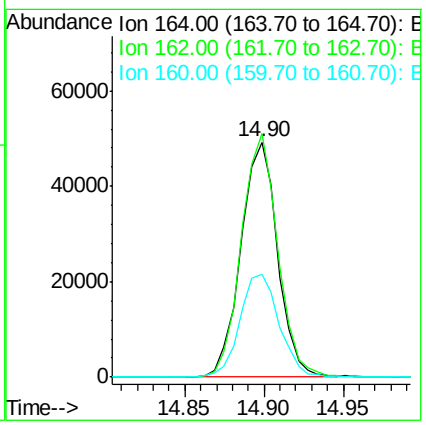


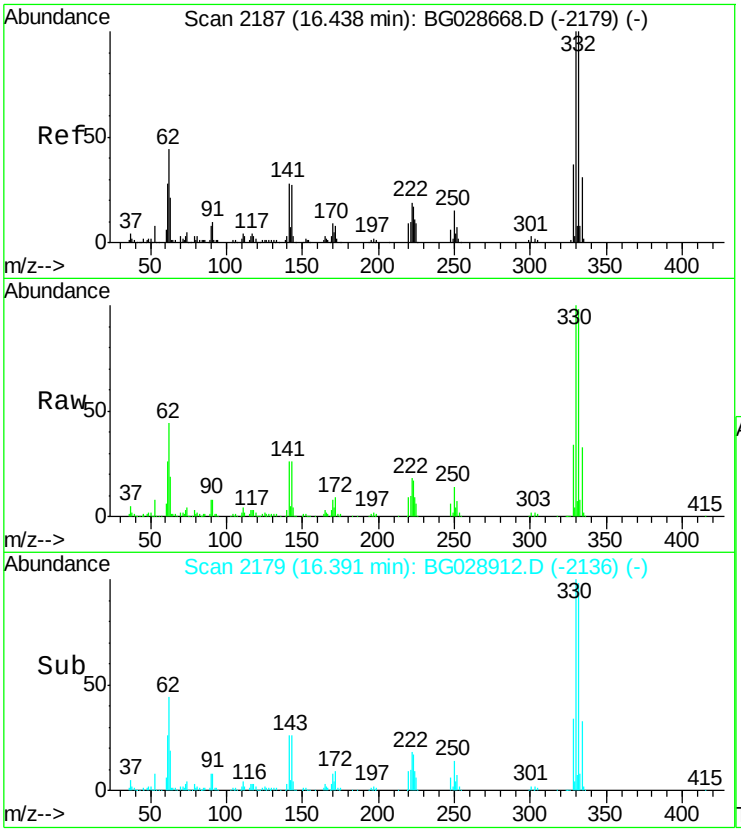




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion:164 Resp: 78993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.6 | 85.1 | 127.7 |
| 160 | 44.0 | 34.7 | 52.1 |



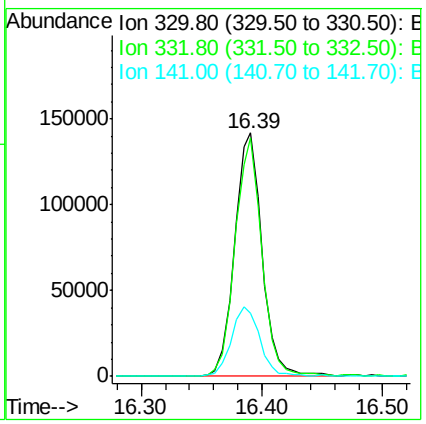


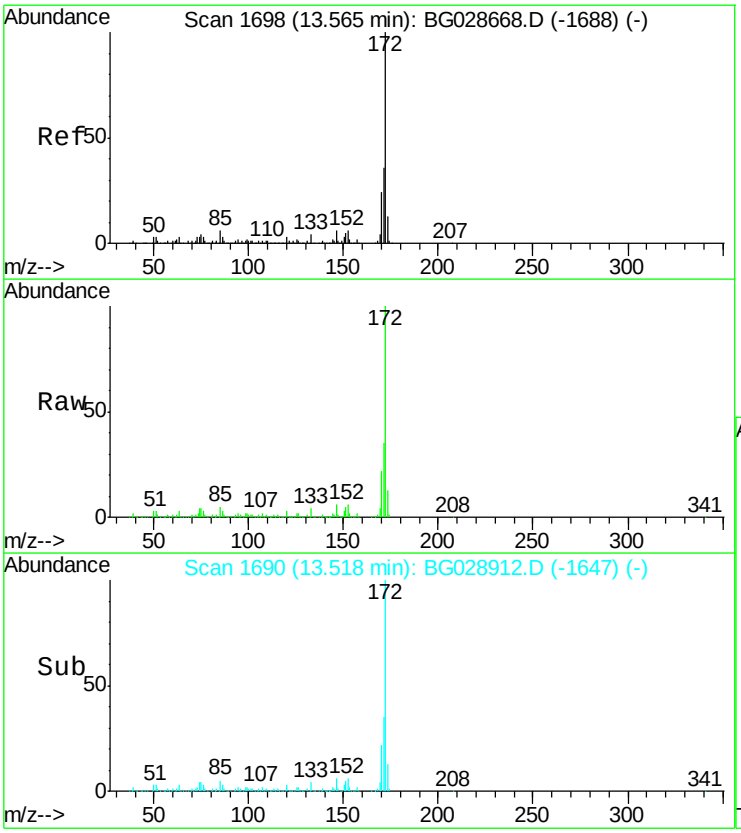

#41
2,4,6-Tribromophenol
Concen: 170.96 ng
RT: 16.39 min Scan# 2179
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

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

Tgt Ion:330 Resp: 223356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 77.3 | 115.9 |
| 141 | 29.9 | 32.1 | 48.1# |

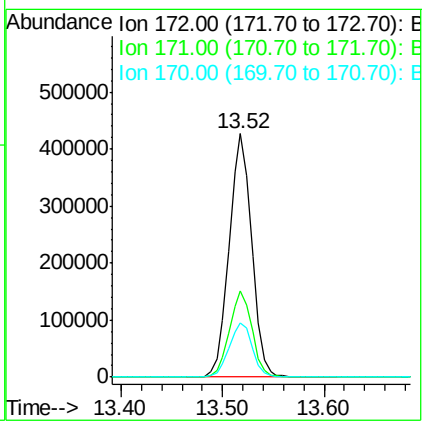


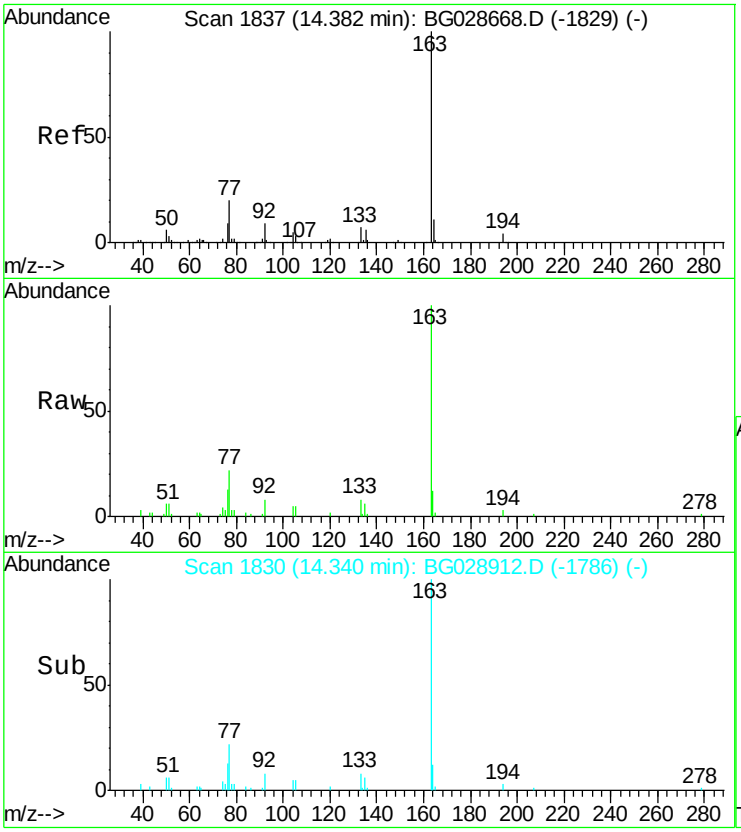




#44
2-Fluorobiphenyl
Concen: 110.88 ng
RT: 13.52 min Scan# 1690
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion:172 Resp: 656870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 32.2 | 48.2 |
| 170 | 22.4 | 21.8 | 32.6 |



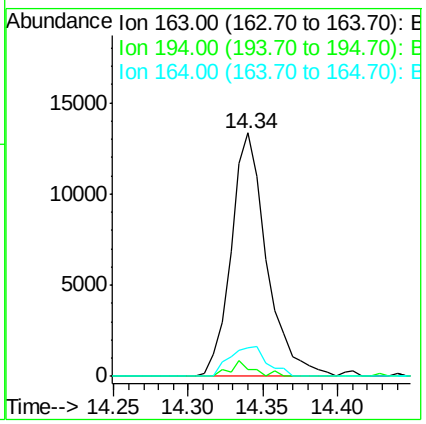


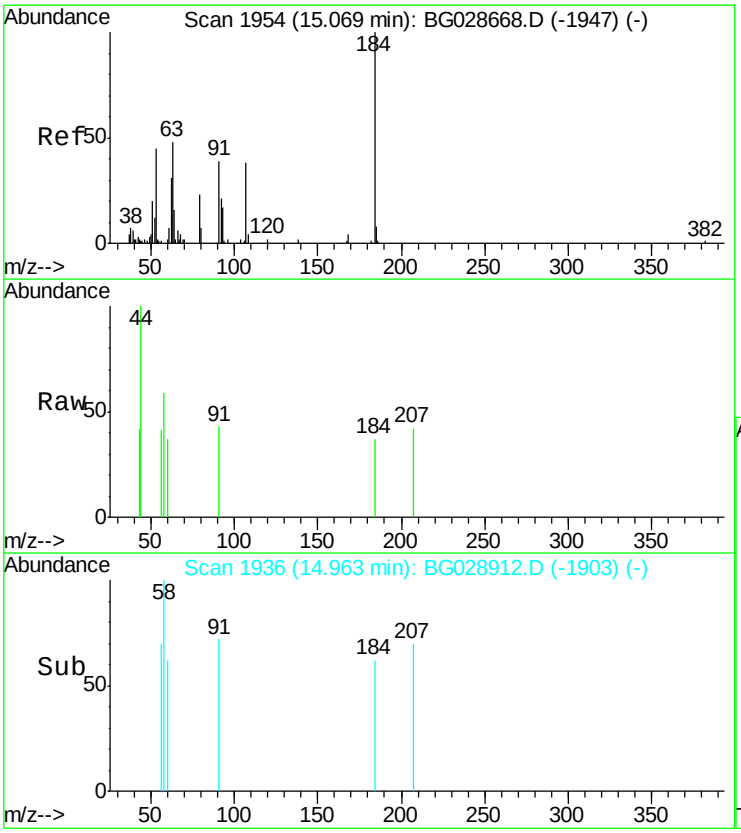

#49
Dimethylphthalate
Concen: 3.34 ng
RT: 14.34 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

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

Tgt Ion:163 Resp: 22128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.0 | 3.8 | 5.6# |
| 164 | 11.7 | 9.3 | 13.9 |

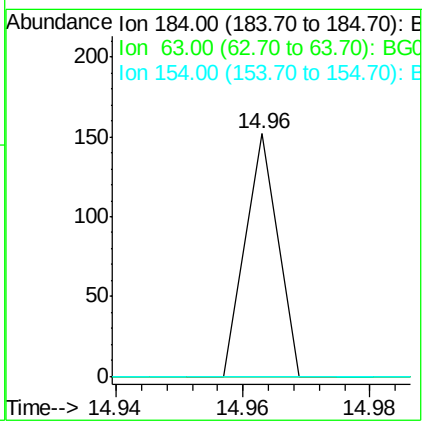


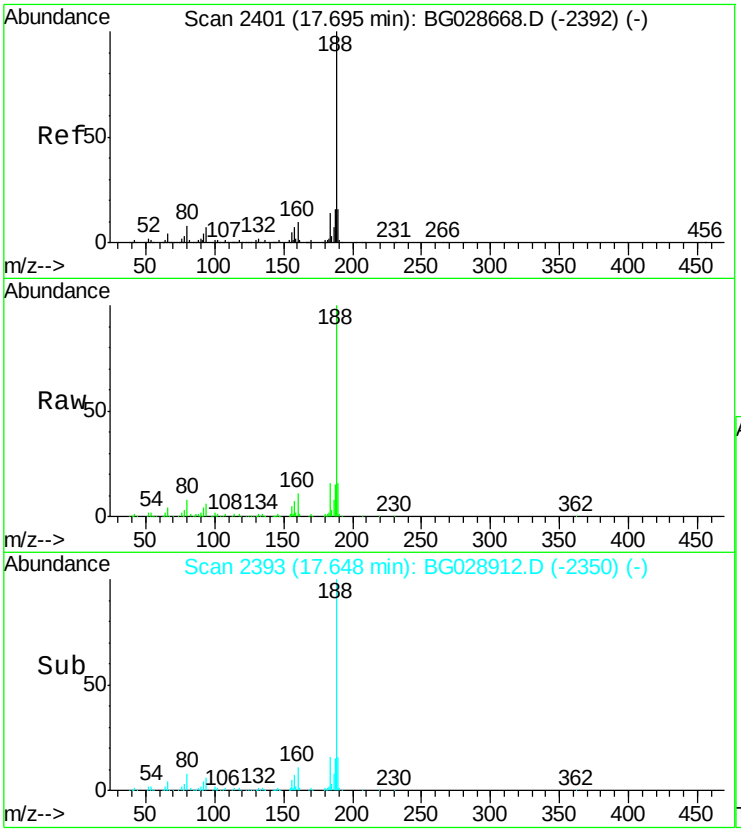




#53
2,4-Dinitrophenol
Concen: 8.06 ng
RT: 14.96 min Scan# 1936
Delta R.T. -0.11 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion:184 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 52.7 | 79.1# |
| 154 | 0.0 | 57.3 | 85.9# |



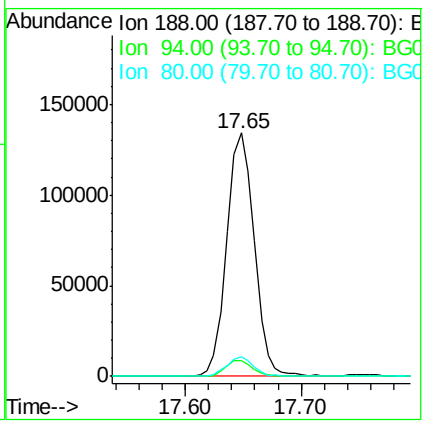


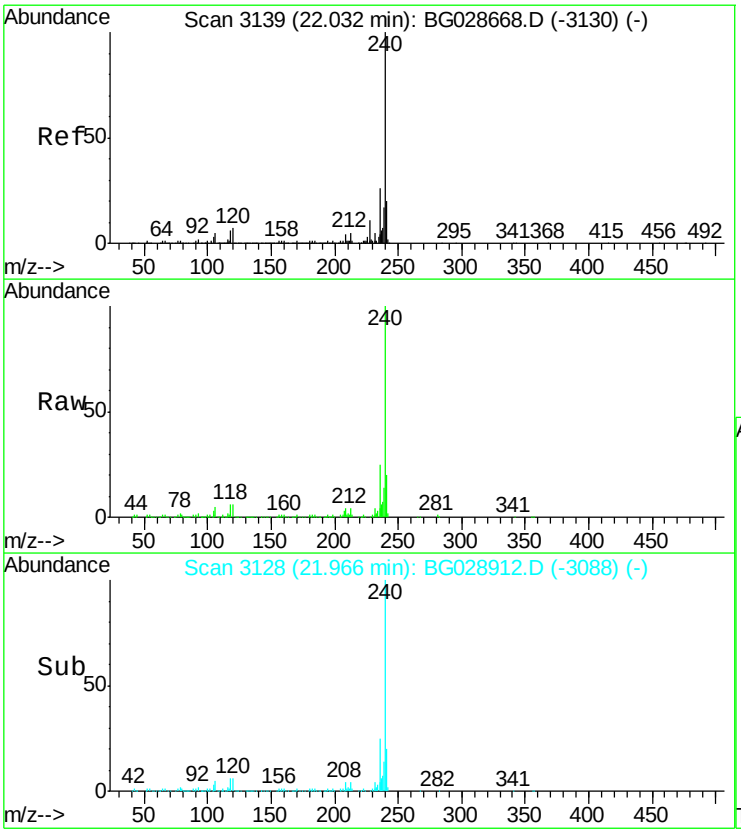

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

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

Tgt Ion:188 Resp: 222163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.4 | 5.8 | 8.8 |
| 80 | 8.2 | 7.5 | 11.3 |

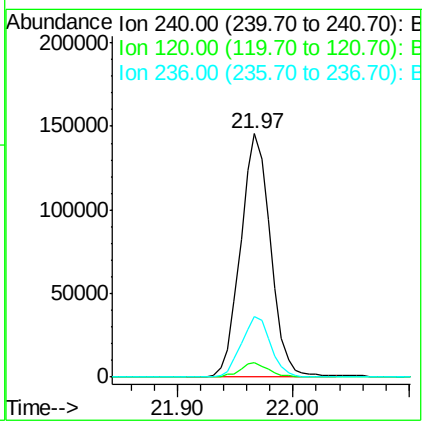


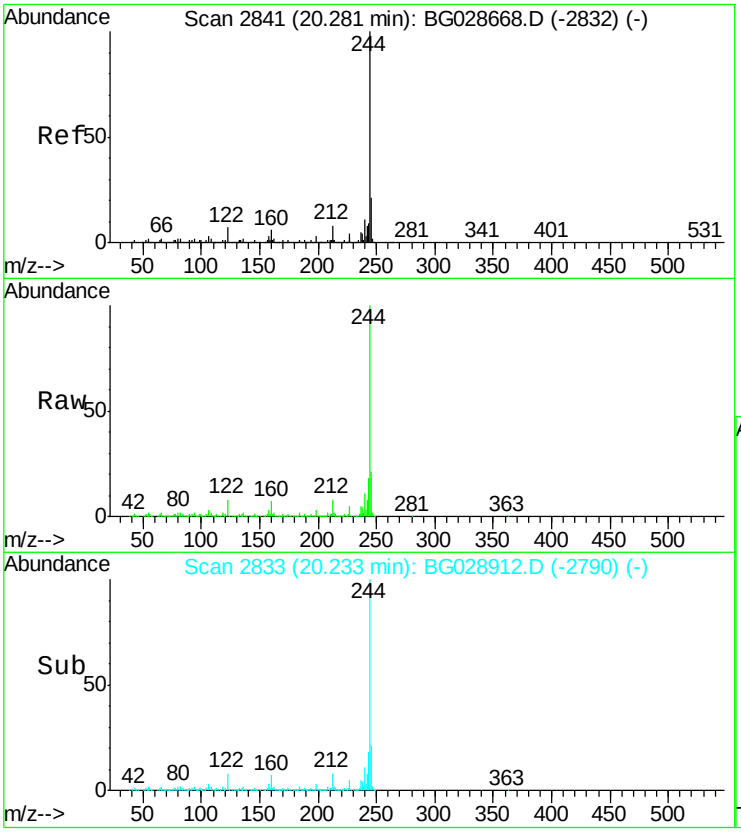




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.07 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion:240 Resp: 262592

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.1 | 5.7 | 8.5 |
| 236 | 24.8 | 22.2 | 33.4 |



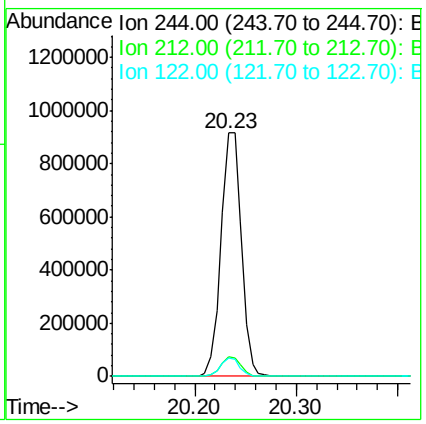


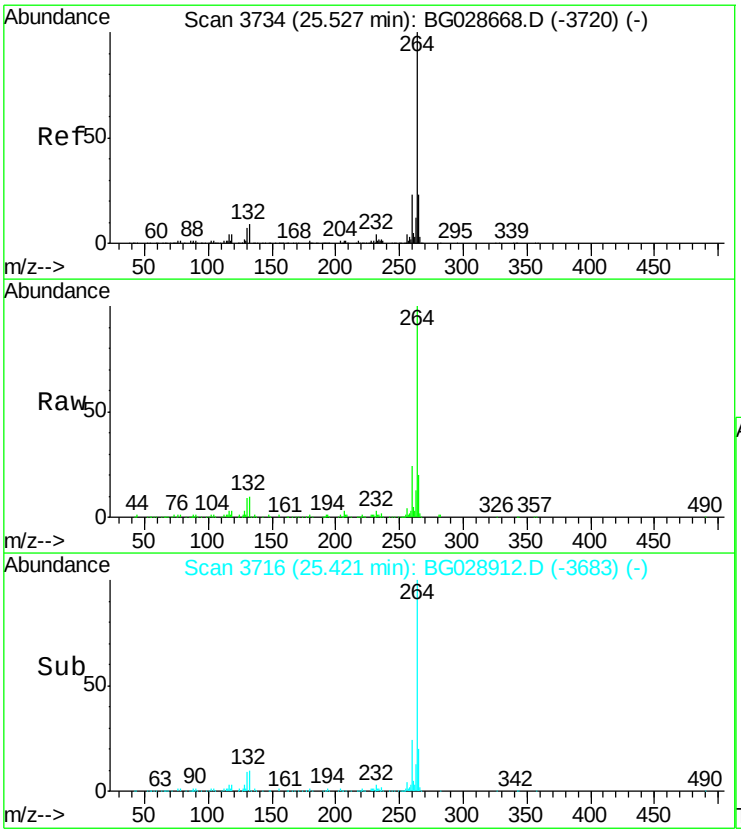

#78
Terphenyl-d14
Concen: 104.44 ng
RT: 20.23 min Scan# 2833
Delta R.T. -0.05 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

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

Tgt Ion:244 Resp: 1285956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 10.0 | 15.0# |
| 122 | 7.6 | 8.6 | 12.8# |




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.42 min Scan# 3716
Delta R.T. -0.11 min
Lab File: BG028912.D
Acq: 25 Sep 2017 17:54

Tgt Ion:264 Resp: 266073

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 21.8 | 32.8 |
| 265 | 20.3 | 18.2 | 27.4 |