Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032691.D
Acq On : 14 Feb 2018 21:24
Operator : SJ/JU
Sample : J1538-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 15 02:54:49 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 | 8.66 | 152 | 23756 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 11.55 | 136 | 113070 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 15.30 | 164 | 85725 | 20.00 | ng | -0.01 |
| 63) Phenanthrene-d10 | 18.04 | 188 | 210200 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 22.36 | 240 | 267788 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 26.00 | 264 | 303866 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.11 | 112 | 46495 | 39.27 | ng | 0.00 |
| 7) Phenol-d6 | 7.99 | 99 | 3879 | 2.40 | ng | 0.20 |
| 23) Nitrobenzene-d5 | 9.89 | 82 | 120377 | 67.66 | ng | 0.01 |
| 41) 2,4,6-Tribromophenol | 16.78 | 330 | 108562 | 82.24 | ng | -0.01 |
| 44) 2-Fluorobiphenyl | 13.92 | 172 | 450068 | 65.65 | ng | -0.01 |
| 78) Terphenyl-d14 | 20.58 | 244 | 649867 | 55.31 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 8.22 | 94 | 3377 | 2.14 | ng | # 1 |
| 15) Benzyl Alcohol | 8.87 | 79 | 23840 | 19.65 | ng | # 36 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.99 | 45 | 786182 | 578.66 | ng | 67 |
| 27) 2,4-Dimethylphenol | 10.94 | 122 | 13800 | 10.54 | ng | # 58 |
| 32) Benzoic acid | 11.03 | 122 | 16368 | 18.56 | ng | 89 |
| 53) 2,4-Dinitrophenol | 15.36 | 184 | 67 | 11.53 | ng | # 70 |
| 55) 4-Nitrophenol | 15.83 | 139 | 20364 | 24.46 | ng | 93 |
| 64) 4,6-Dinitro-2-methylphenol | 16.45 | 198 | 56 | 5.06 | ng | # 1 |
| 66) 4-Bromophenyl-phenylether | 16.78 | 248 | 8040 | 2.67 | ng | # 1 |
| 68) Atrazine | 17.68 | 200 | 40403 | 15.28 | ng | # 35 |

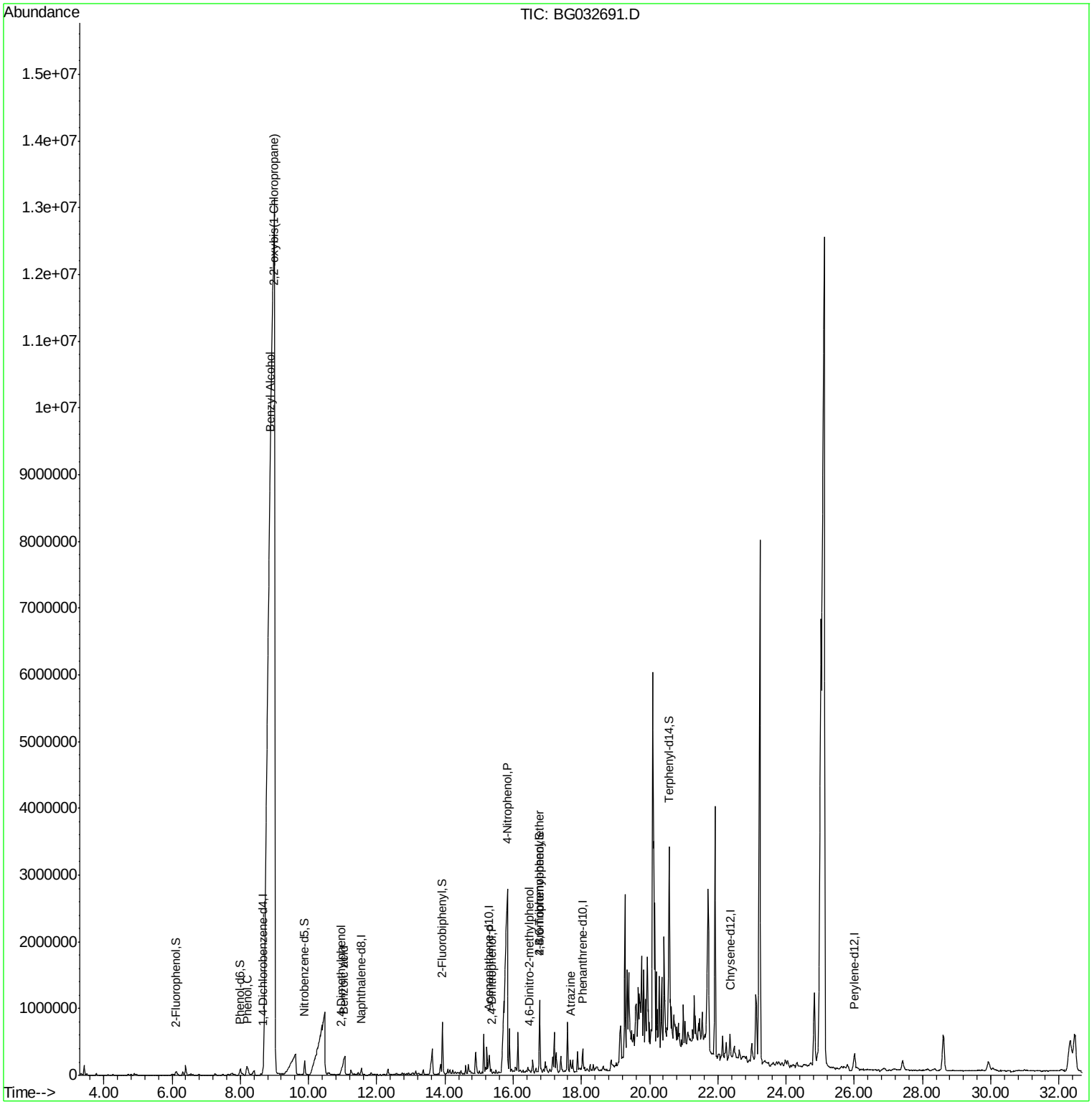
(#) = qualifier out of range (m) = manual integration (+) = signals summed

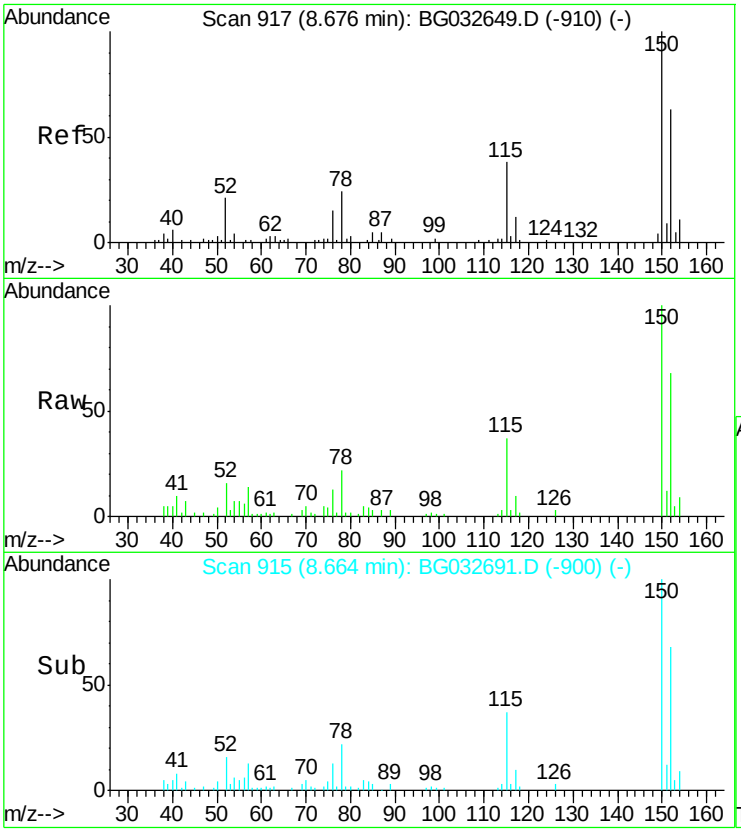
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032691.D
Acq On : 14 Feb 2018 21:24
Operator : SJ/JU
Sample : J1538-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 15 02:54:49 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



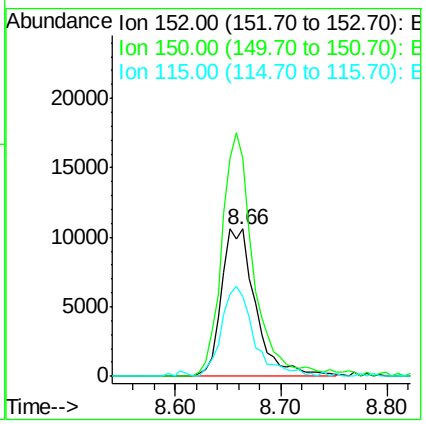


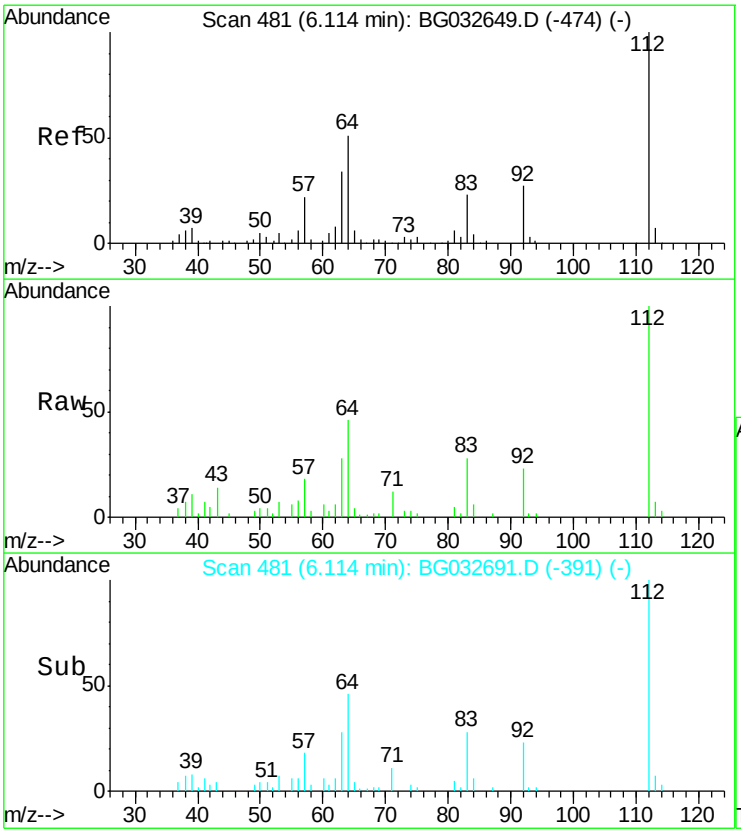

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.66 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion:152 Resp: 23756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 147.8 | 126.6 | 189.8 |
| 115 | 54.5 | 53.0 | 79.4 |

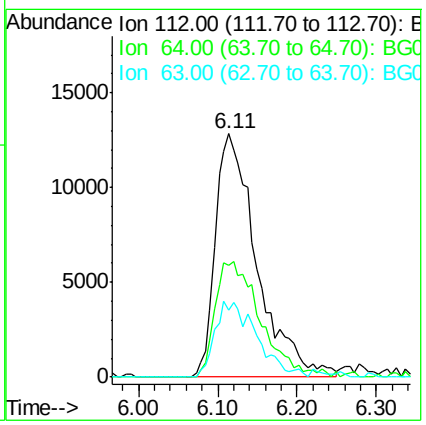


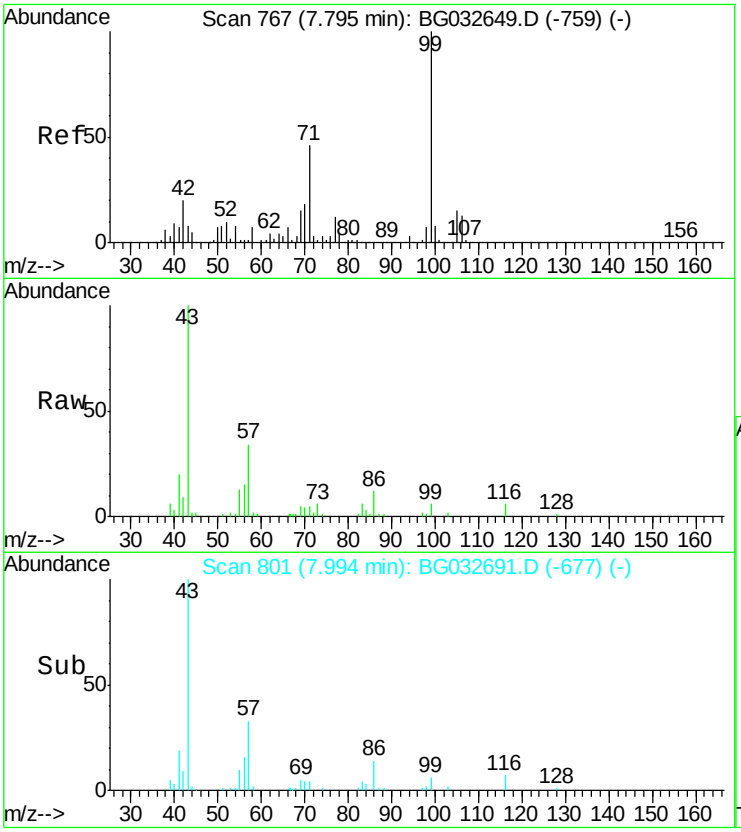




#5
2-Fluorophenol
Concen: 39.27 ng
RT: 6.11 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion:112 Resp: 46495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 45.8 | 56.3 | 84.5# |
| 63 | 27.5 | 30.1 | 45.1# |



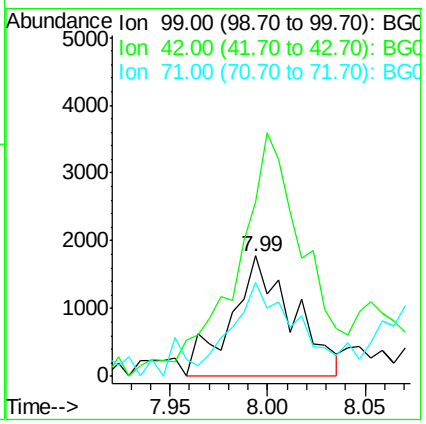


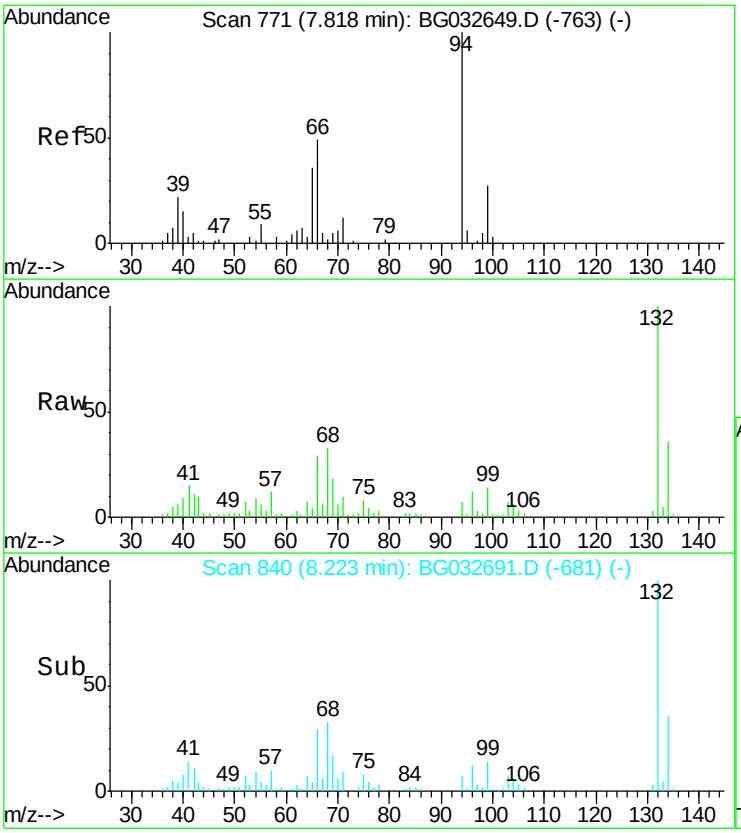

#7
Phenol-d6
Concen: 2.40 ng
RT: 7.99 min Scan# 801
Delta R.T. 0.20 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion: 99 Resp: 3879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 145.7 | 14.1 | 21.1# |
| 71 | 77.7 | 26.1 | 39.1# |

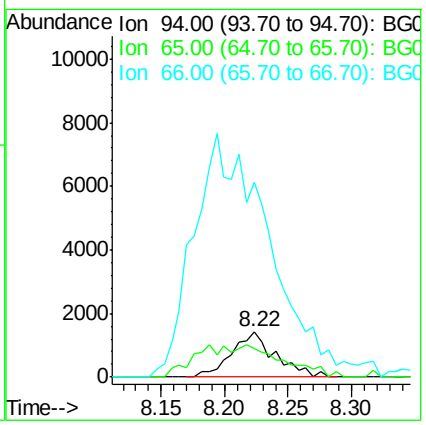


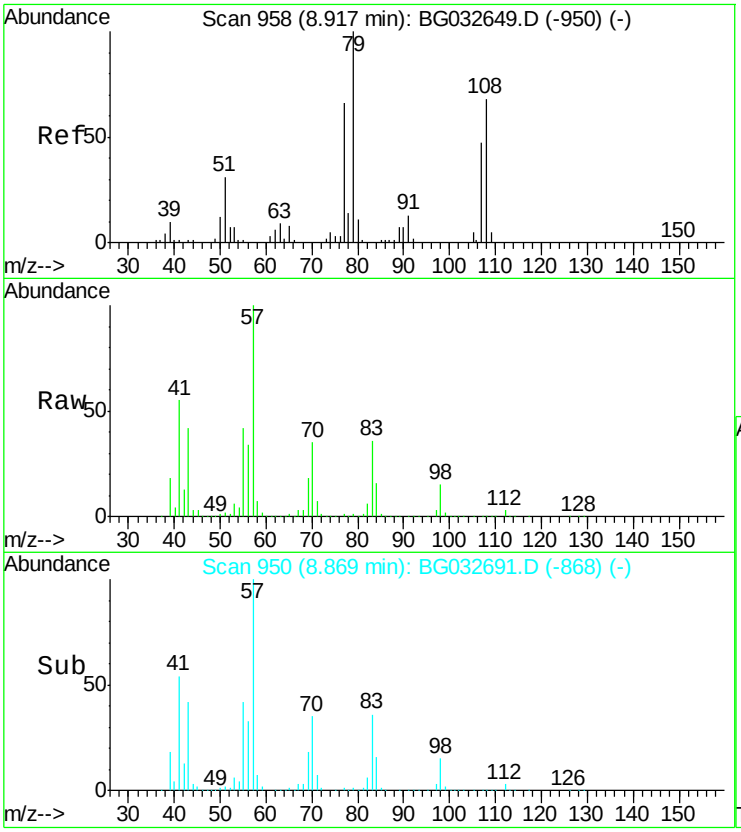




#10
Phenol
Concen: 2.14 ng
RT: 8.22 min Scan# 840
Delta R.T. 0.40 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion: 94 Resp: 3377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 63.6 | 11.9 | 51.9# |
| 66 | 428.1 | 22.2 | 62.2# |



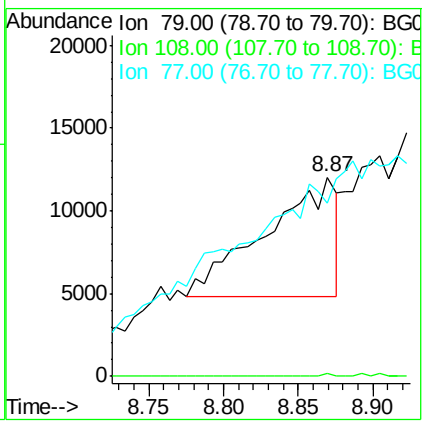


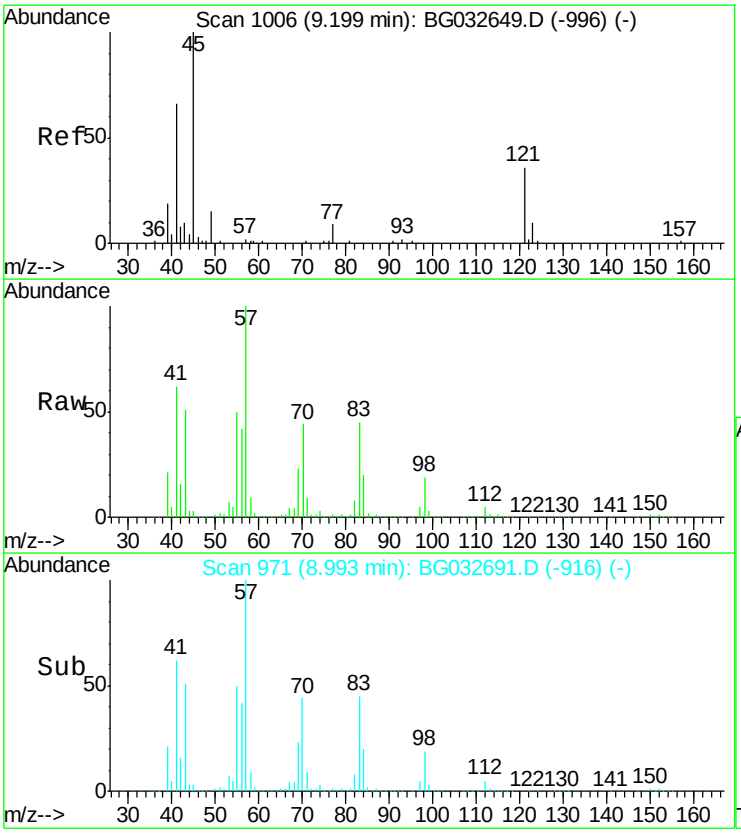

#15
Benzyl Alcohol
Concen: 19.65 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.05 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion: 79 Resp: 23840

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 1.6 | 57.2 | 85.8# |
| 77 | 87.0 | 46.1 | 69.1# |

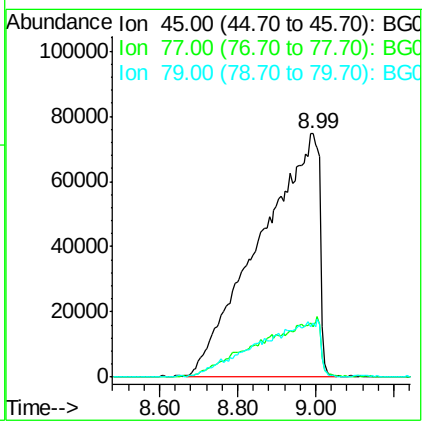


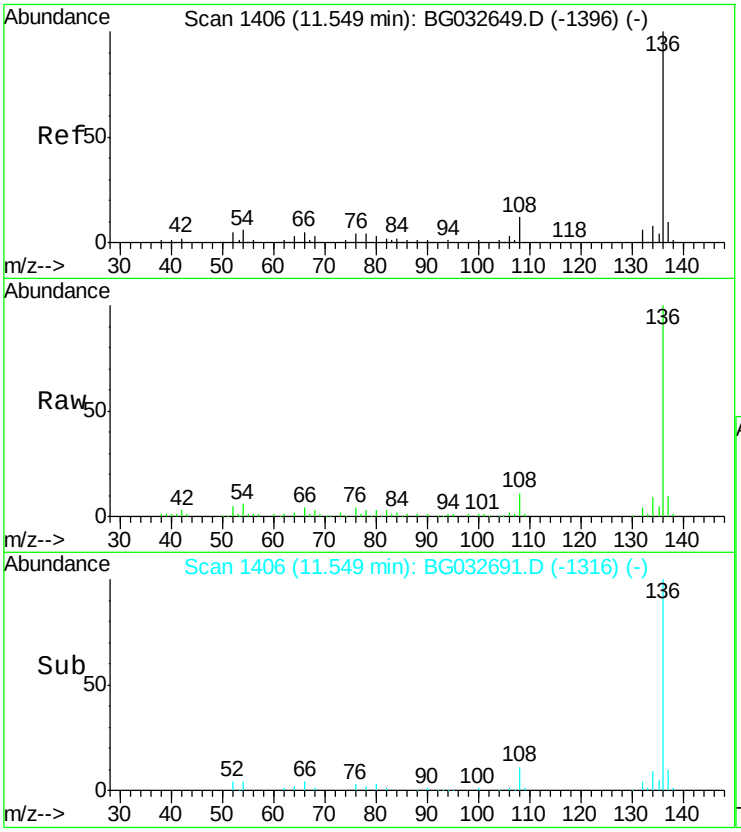




#16
2,2'-oxybis(1-Chloropropane)
Concen: 578.66 ng
RT: 8.99 min Scan# 971
Delta R.T. -0.21 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion: 45 Resp: 786182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 20.7 | 0.0 | 30.2 |
| 79 | 22.1 | 0.0 | 27.9 |



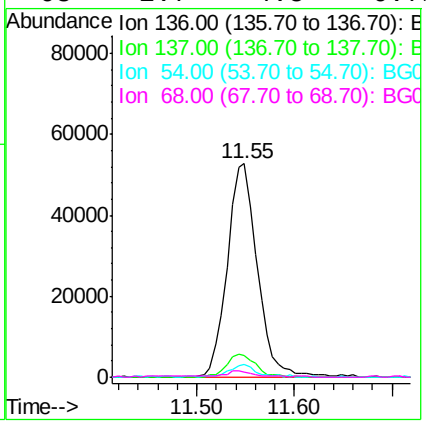


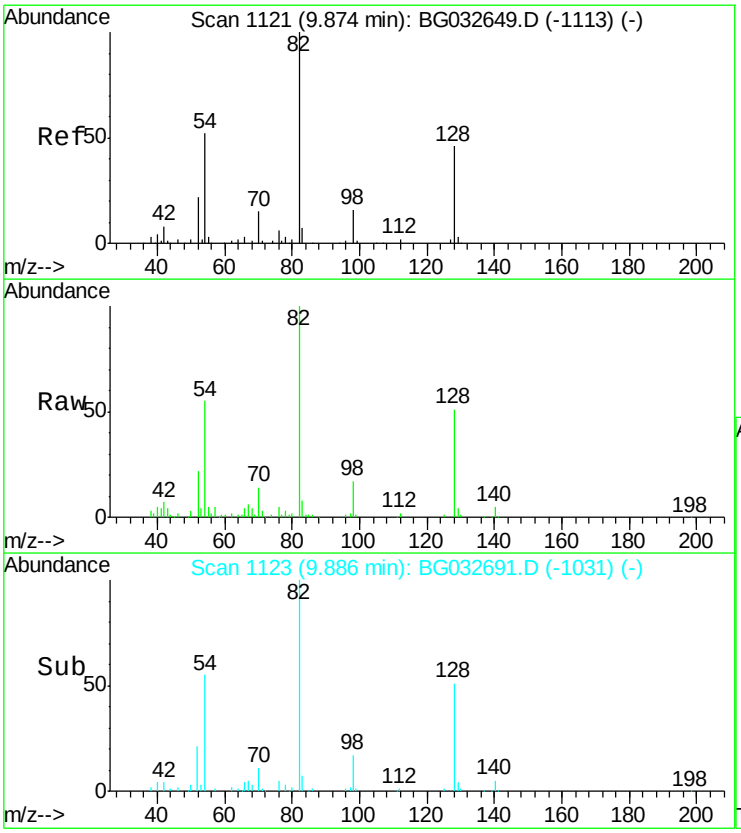

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.55 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion:136 Resp: 113070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.4 | 9.2 | 13.8 |
| 54 | 5.8 | 10.3 | 15.5# |
| 68 | 2.7 | 4.5 | 6.7# |

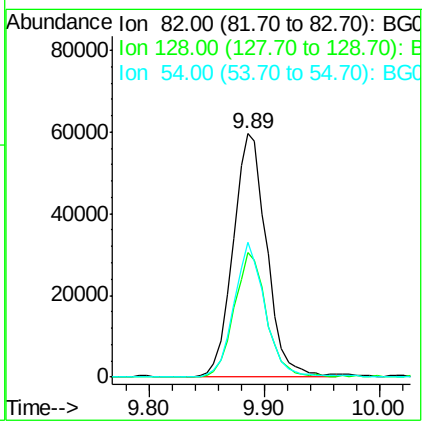


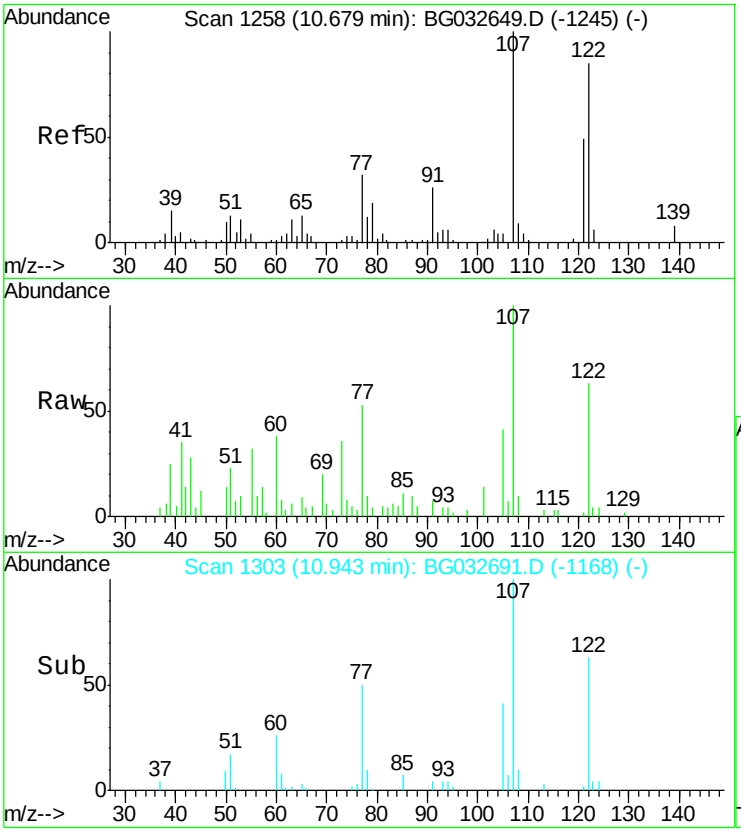




#23
Nitrobenzene-d5
Concen: 67.66 ng
RT: 9.89 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion: 82 Resp: 120377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 51.0 | 29.7 | 44.5# |
| 54 | 55.4 | 43.1 | 64.7 |



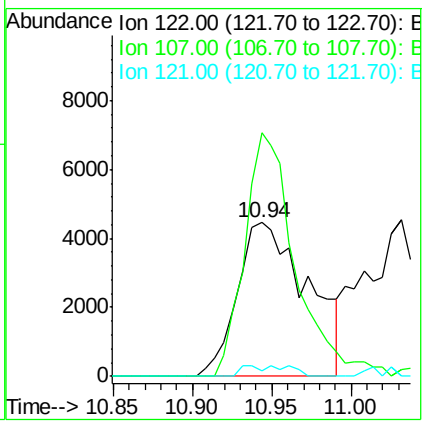


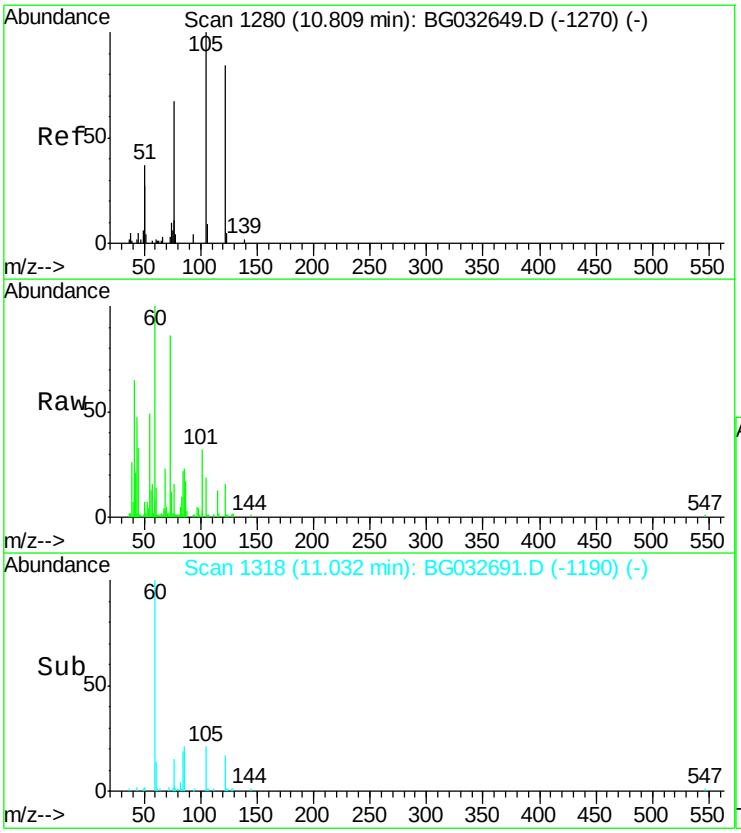

#27
2,4-Dimethylphenol
Concen: 10.54 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.26 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion:122 Resp: 13800

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 158.6 | 100.2 | 150.2# |
| 121 | 3.5 | 44.4 | 66.6# |

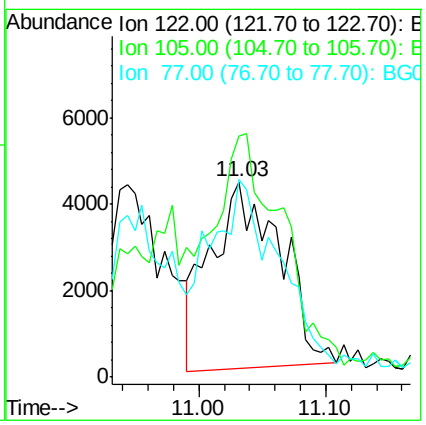


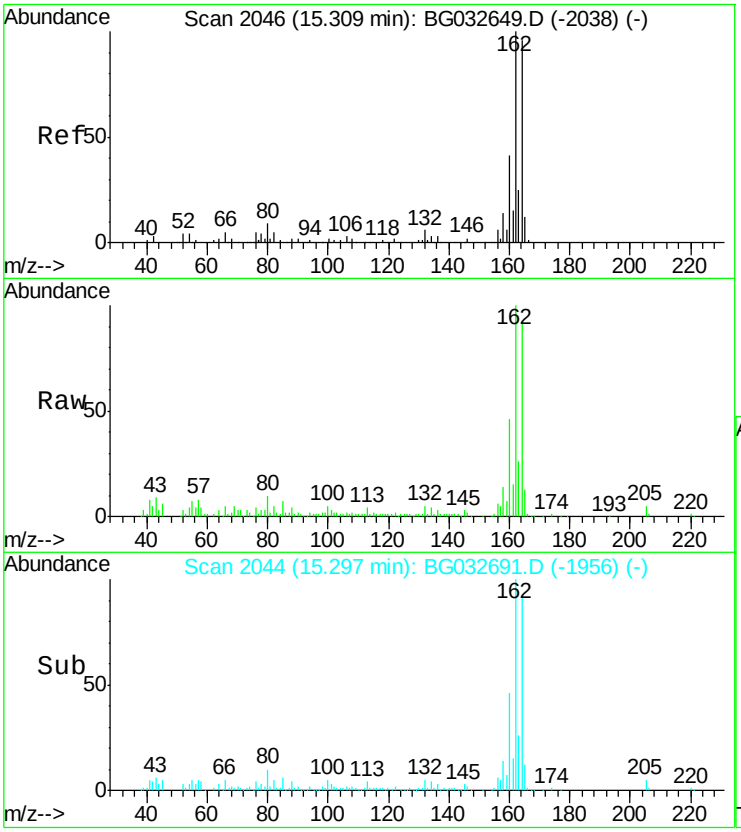




#32
Benzoic acid
Concen: 18.56 ng
RT: 11.03 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion:122 Resp: 16368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.6 | 123.5 | 163.5 |
| 77 | 100.8 | 85.7 | 125.7 |



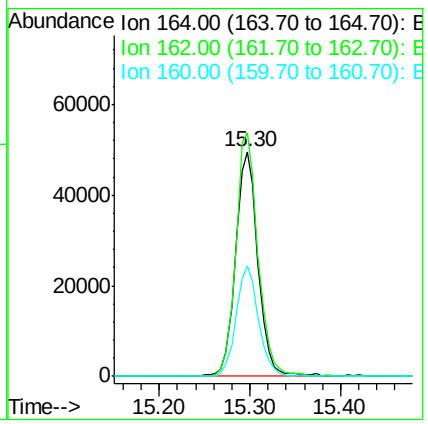


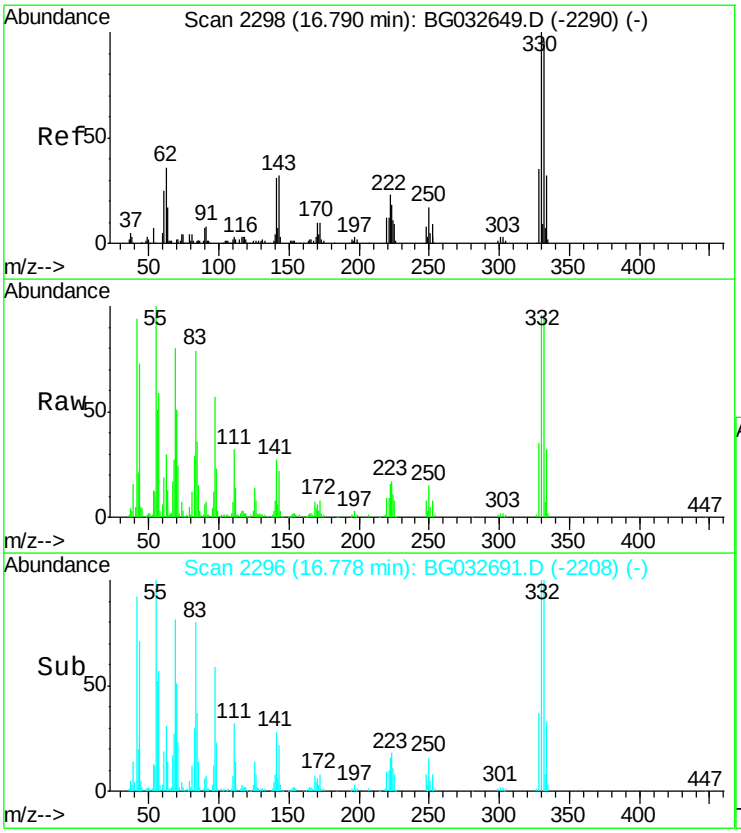

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion:164 Resp: 85725

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 108.3 | 78.8 | 118.2 |
| 160 | 49.3 | 35.4 | 53.0 |

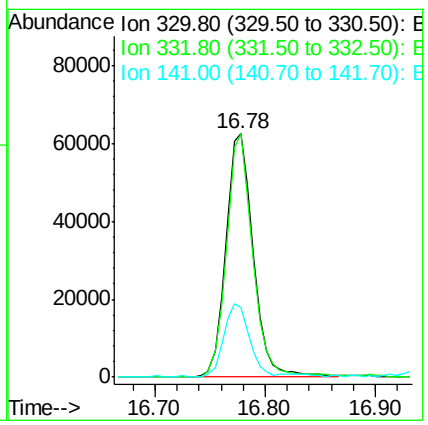


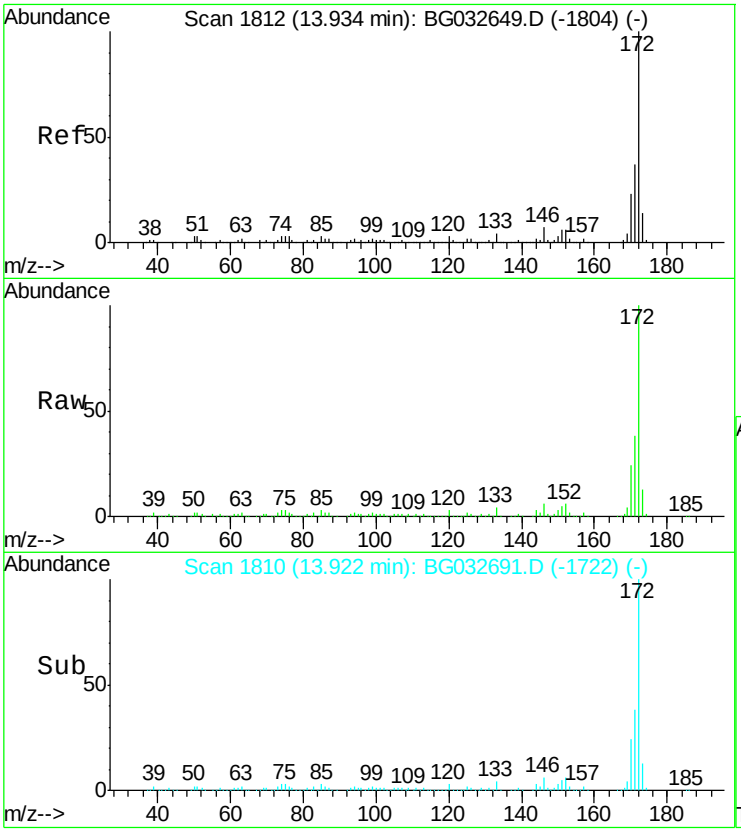




#41
2,4,6-Tribromophenol
Concen: 82.24 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion:330 Resp: 108562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.0 | 115.6 |
| 141 | 28.8 | 25.2 | 37.8 |



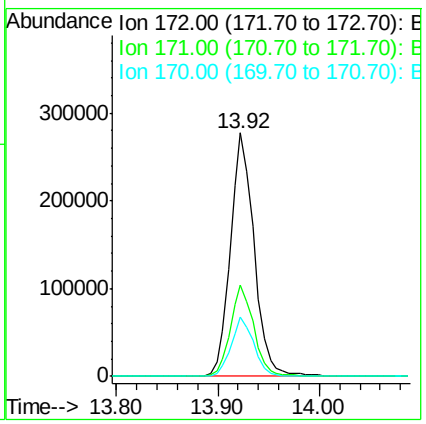


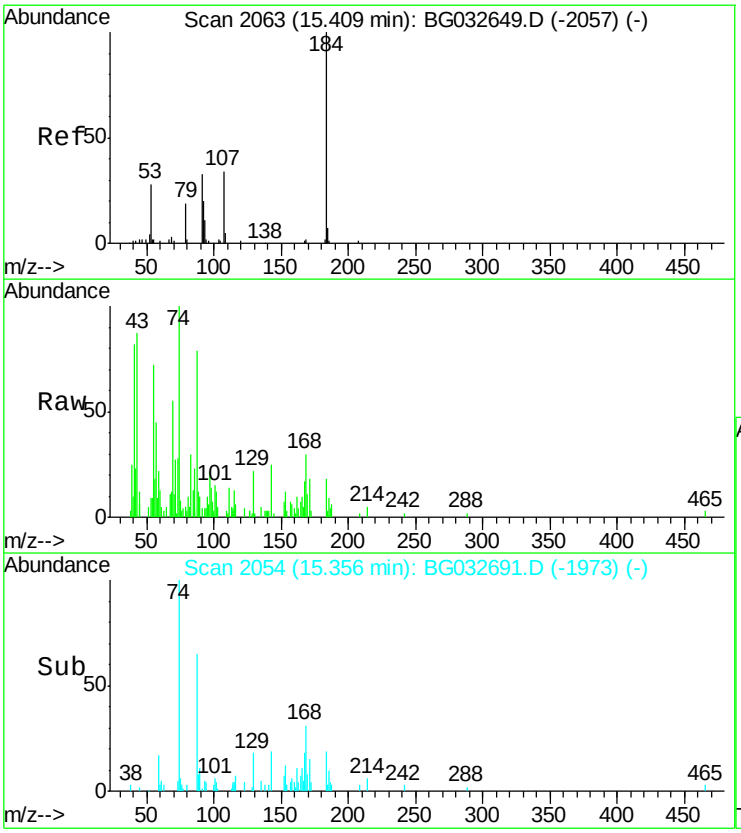

#44
2-Fluorobiphenyl
Concen: 65.65 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion:172 Resp: 450068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.6 | 30.0 | 45.0 |
| 170 | 24.2 | 19.5 | 29.3 |

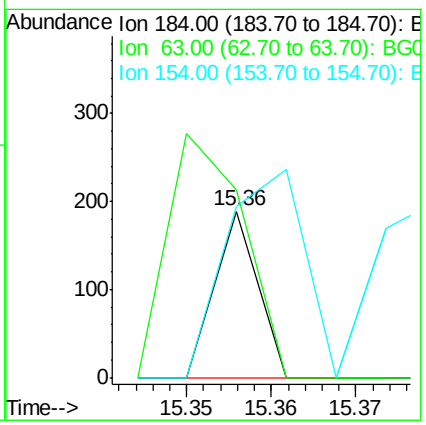


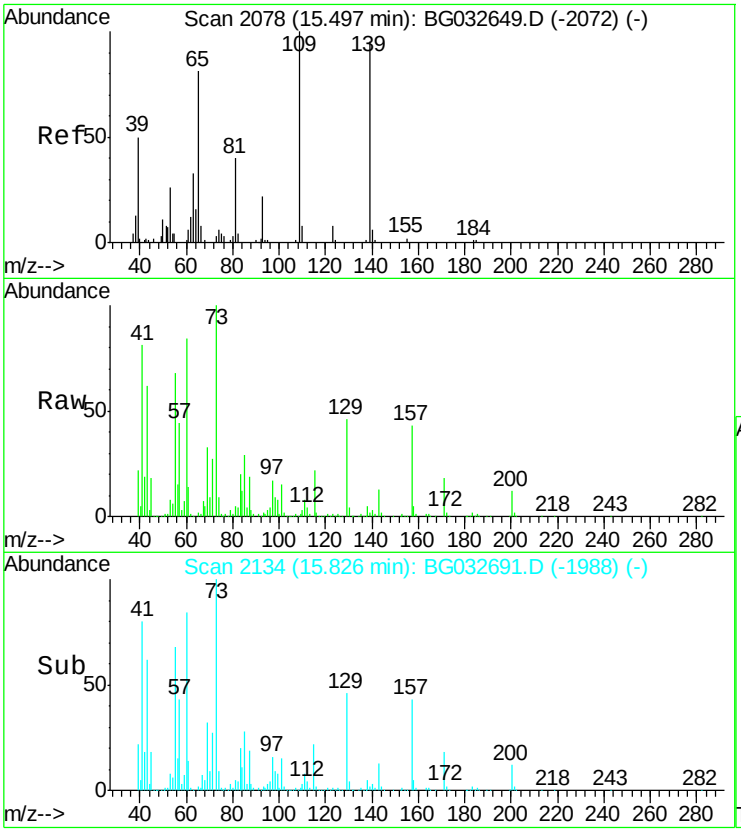




#53
2,4-Dinitrophenol
Concen: 11.53 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.05 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion:184 Resp: 67

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 113.2 | 59.8 | 89.8# |
| 154 | 102.6 | 101.8 | 152.8 |



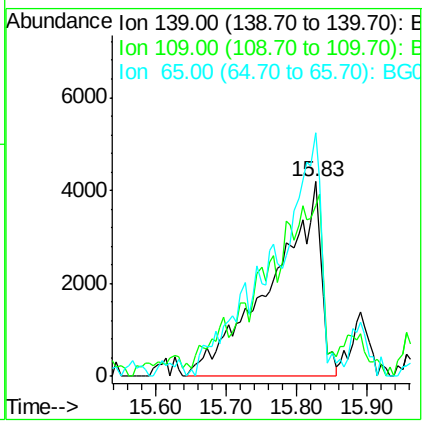


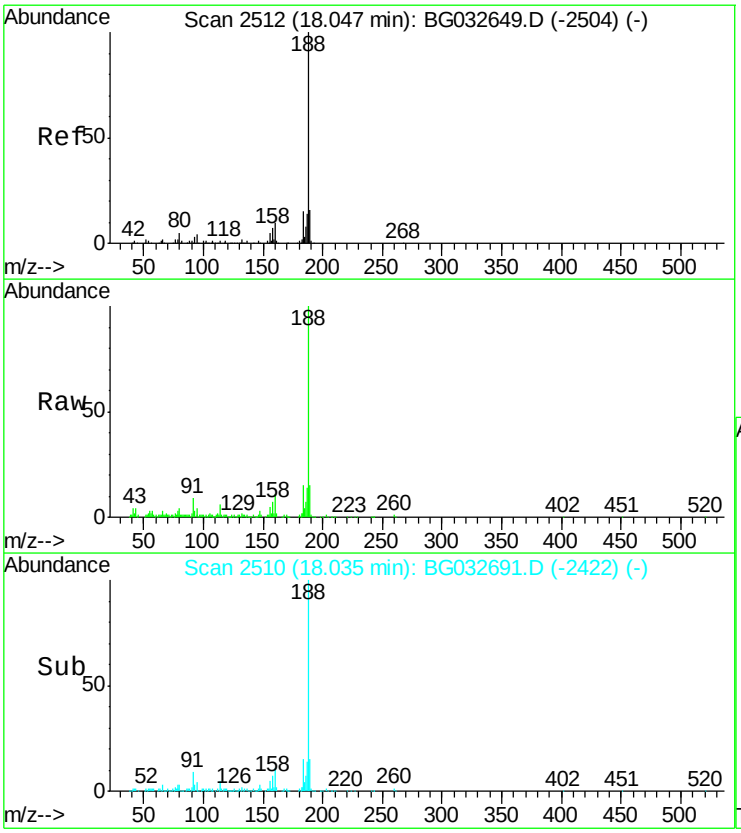

#55
4-Nitrophenol
Concen: 24.46 ng
RT: 15.83 min Scan# 2134
Delta R.T. 0.33 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion:139 Resp: 20364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 87.7 | 62.2 | 102.2 |
| 65 | 124.9 | 97.2 | 137.2 |

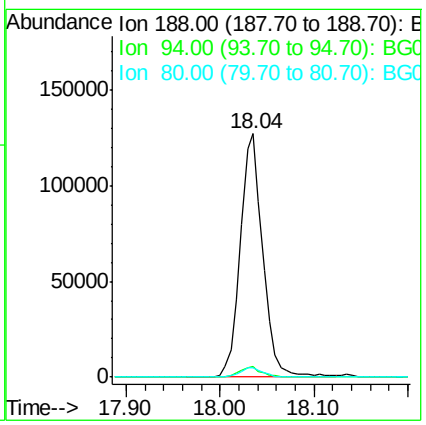


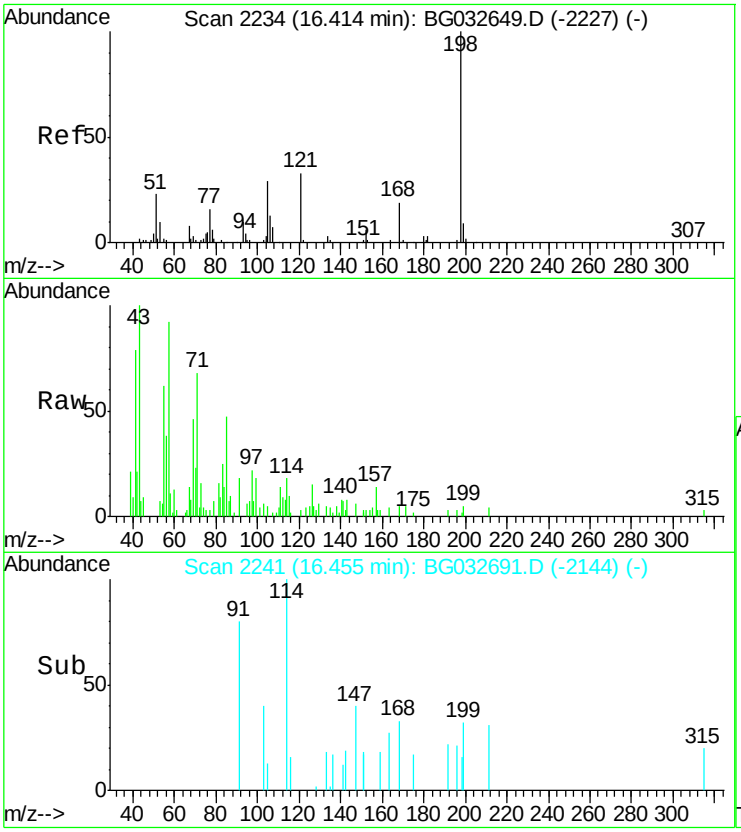




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.04 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion:188 Resp: 210200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 4.3 | 6.9 | 10.3# |
| 80 | 3.6 | 7.7 | 11.5# |



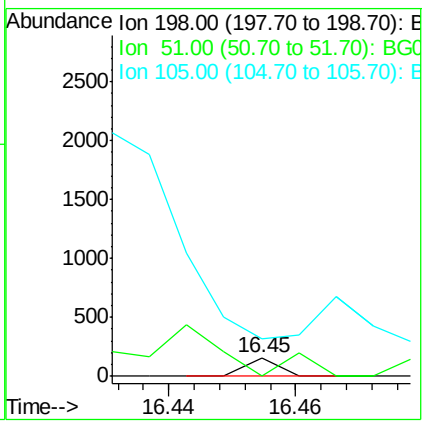


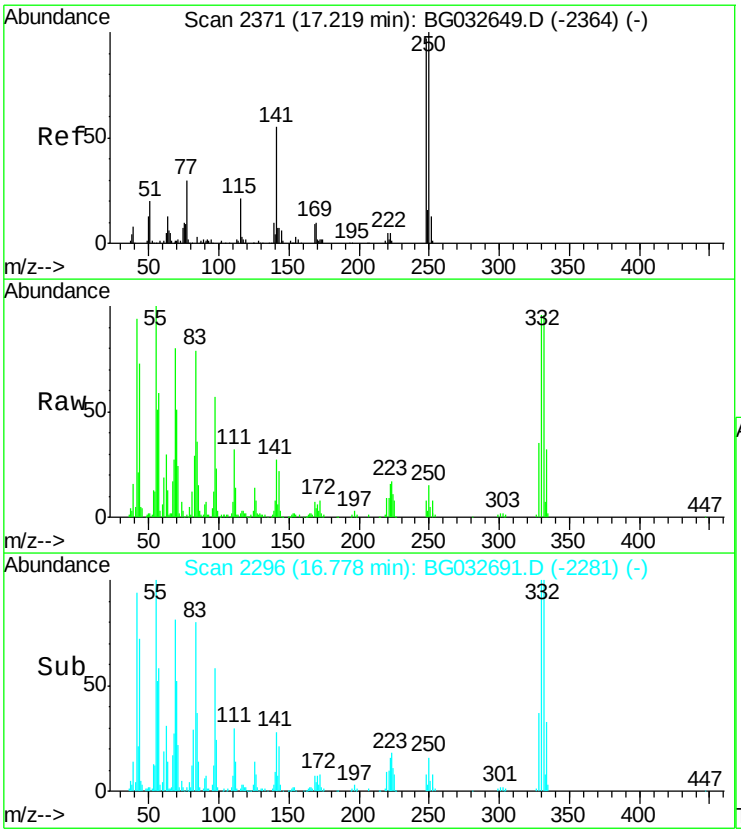

#64
4,6-Dinitro-2-methylphenol
Concen: 5.06 ng
RT: 16.45 min Scan# 2241
Delta R.T. 0.04 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion:198 Resp: 56

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 0.0 | 30.6 | 70.6# |
| 105 | 199.4 | 23.8 | 63.8# |

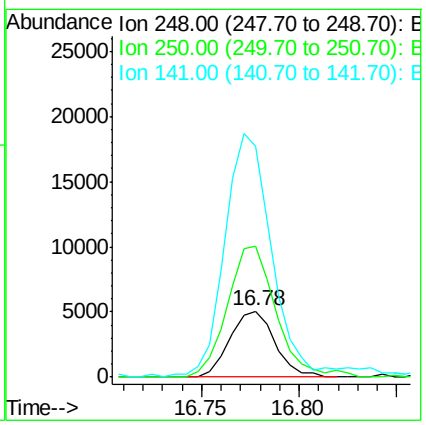


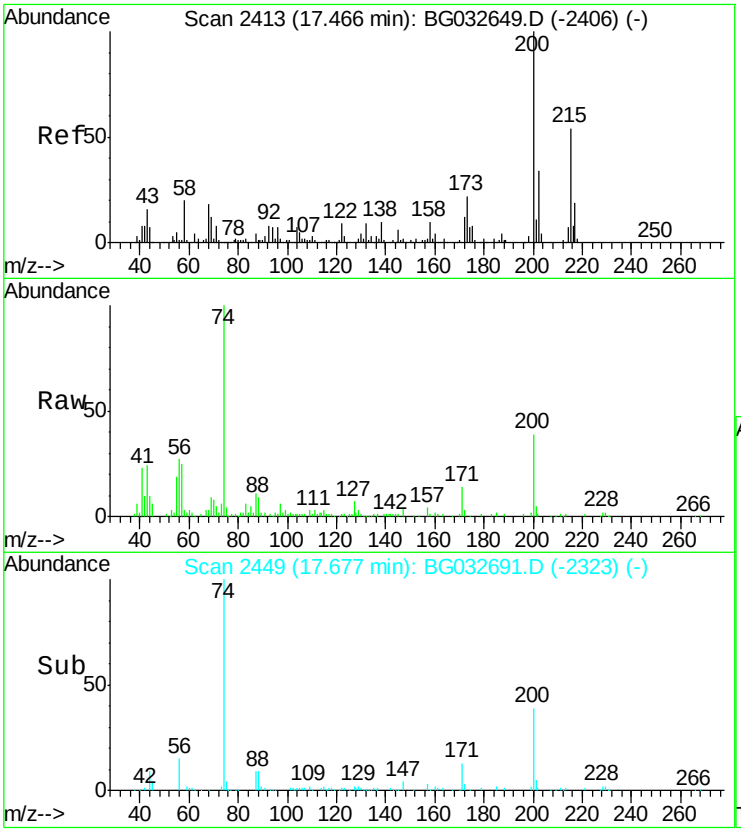




#66
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.44 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion:248 Resp: 8040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 199.2 | 77.1 | 115.7# |
| 141 | 351.7 | 50.8 | 76.2# |



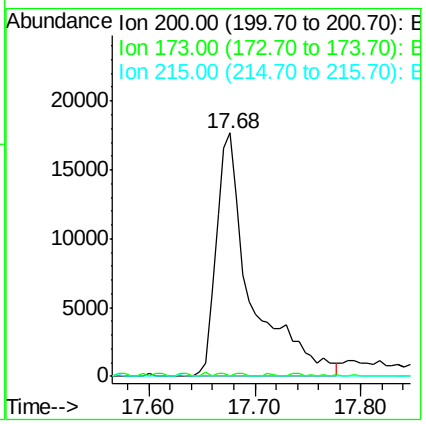


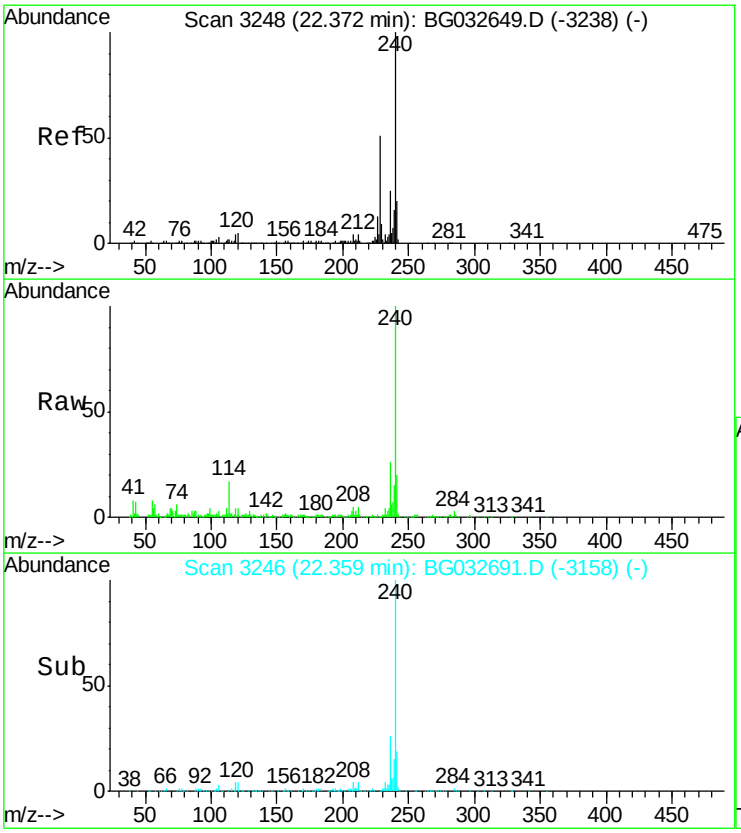

#68
Atrazine
Concen: 15.28 ng
RT: 17.68 min Scan# 2449
Delta R.T. 0.21 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion:200 Resp: 40403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 0.0 | 5.2 | 45.2# |
| 215 | 0.0 | 30.4 | 70.4# |

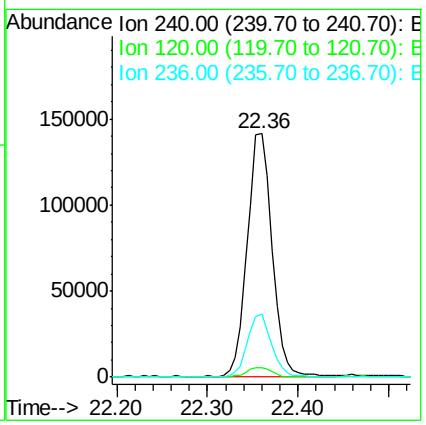


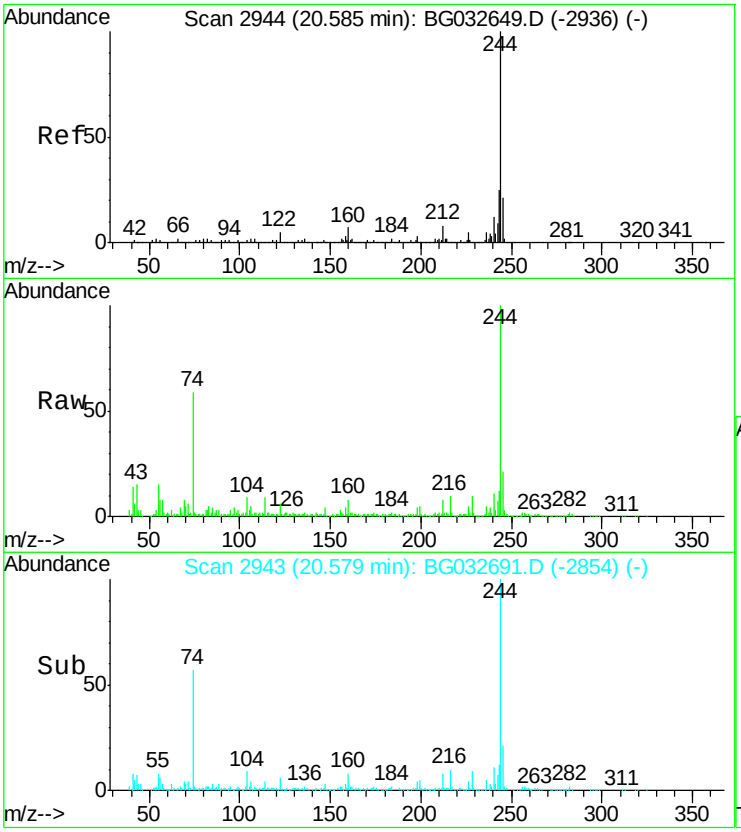




#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.36 min Scan# 3246
Delta R.T. -0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion:240 Resp: 267788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 3.7 | 6.8 | 10.2# |
| 236 | 25.9 | 20.9 | 31.3 |



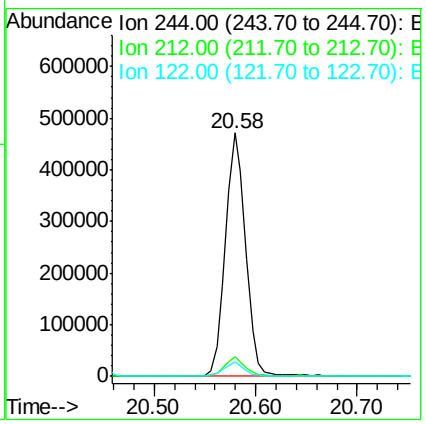


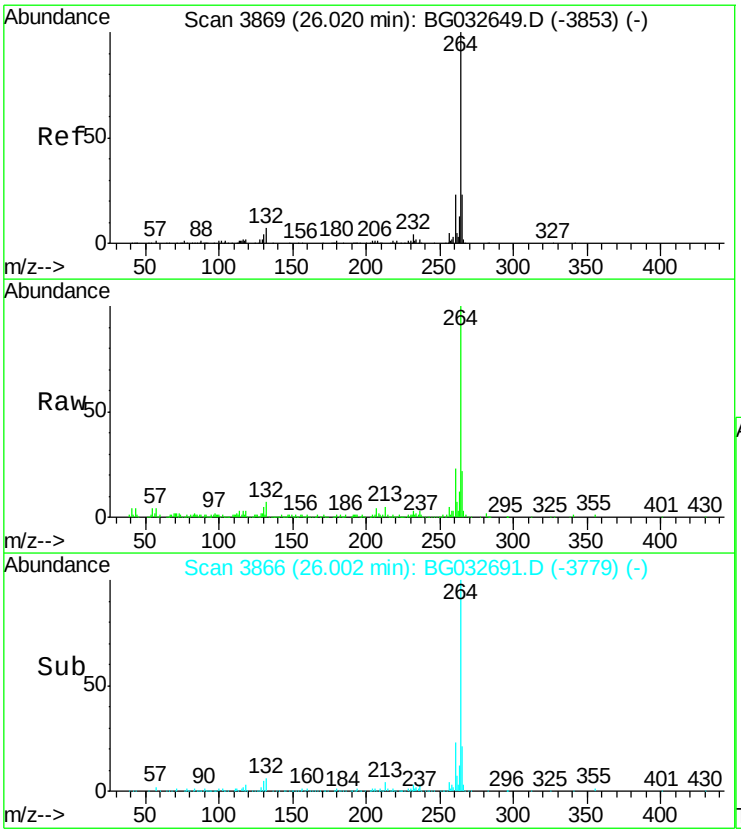

#78
Terphenyl-d14
Concen: 55.31 ng
RT: 20.58 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

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

Tgt Ion:244 Resp: 649867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 5.8 | 8.8 |
| 122 | 5.8 | 7.0 | 10.4# |




#86
Perylene-d12
Concen: 20.00 ng
RT: 26.00 min Scan# 3866
Delta R.T. -0.02 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion:264 Resp: 303866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 17.4 | 26.0 |
| 265 | 21.9 | 17.7 | 26.5 |