Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
Data File : BG038160.D
Acq On : 27 Nov 2018 8:15
Operator : JU/SJ
Sample : J6061-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Nov 27 09:43:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.09 | 152 | 40388 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.90 | 136 | 193514 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.72 | 164 | 124005 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.47 | 188 | 271778 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.76 | 240 | 254952 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.08 | 264 | 252570 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.63 | 112 | 123186 | 52.66 | ng | | 0.00 |
| 7) Phenol-d6 | 7.23 | 99 | 107380 | 32.16 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.26 | 82 | 372096 | 102.93 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.21 | 330 | 136089 | 96.23 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.34 | 172 | 838338 | 98.49 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.07 | 244 | 1173881 | 108.34 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 7.26 | 94 | 16165 | 4.570 | ng | | 97 |
| 15) Benzyl Alcohol | 8.41 | 79 | 4990 | 2.065 | ng | # | 43 |
| 19) n-Nitroso-di-n-propylamine | 9.26 | 70 | 47896 | 19.824 | ng | # | 74 |
| 51) 2,6-Dinitrotoluene | 14.72 | 165 | 15743 | 7.076 | ng | # | 23 |
| 57) 2,4-Dinitrotoluene | 14.72 | 165 | 15743 | 5.200 | ng | # | 23 |
| 67) 4-Bromophenyl-phenylether | 16.21 | 248 | 9579 | 3.211 | ng | # | 1 |
| 77) Benzidine | 20.07 | 184 | 20862 | 2.332 | ng | # | 94 |

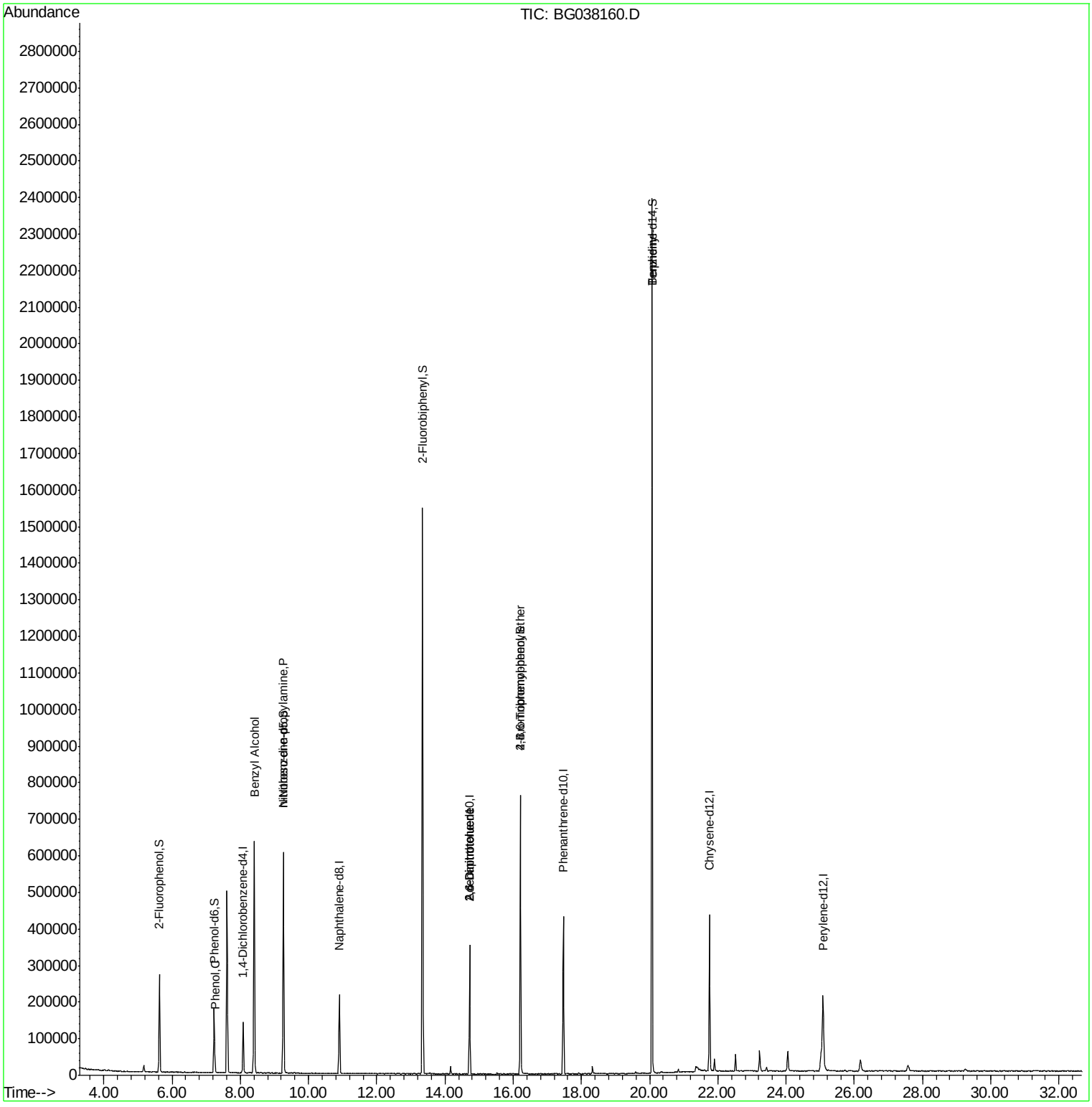
(#) = qualifier out of range (m) = manual integration (+) = signals summed

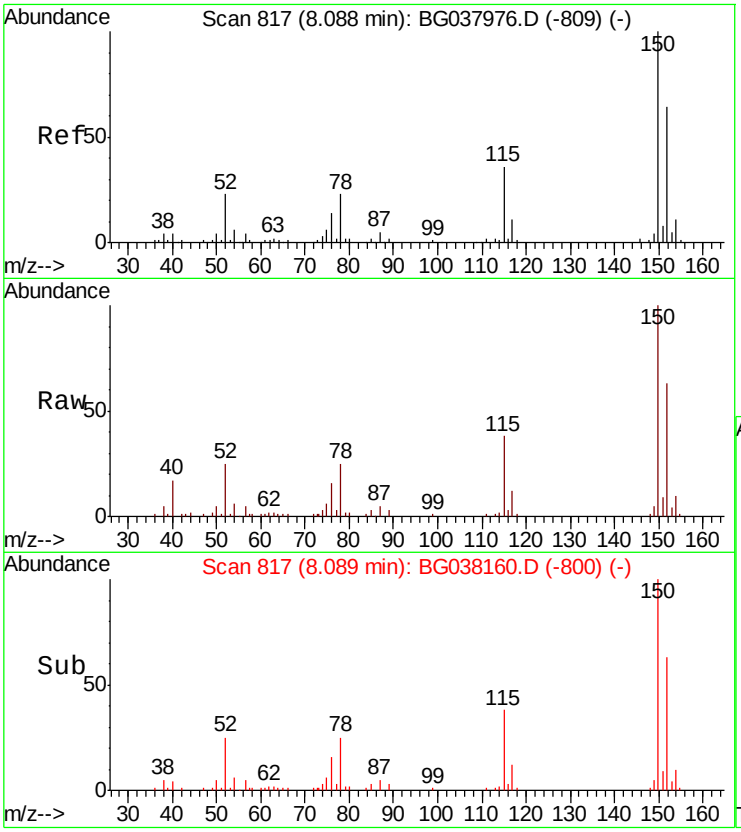
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
Data File : BG038160.D
Acq On : 27 Nov 2018 8:15
Operator : JU/SJ
Sample : J6061-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Nov 27 09:43:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration



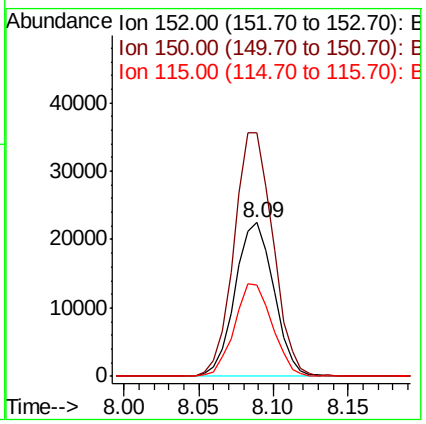


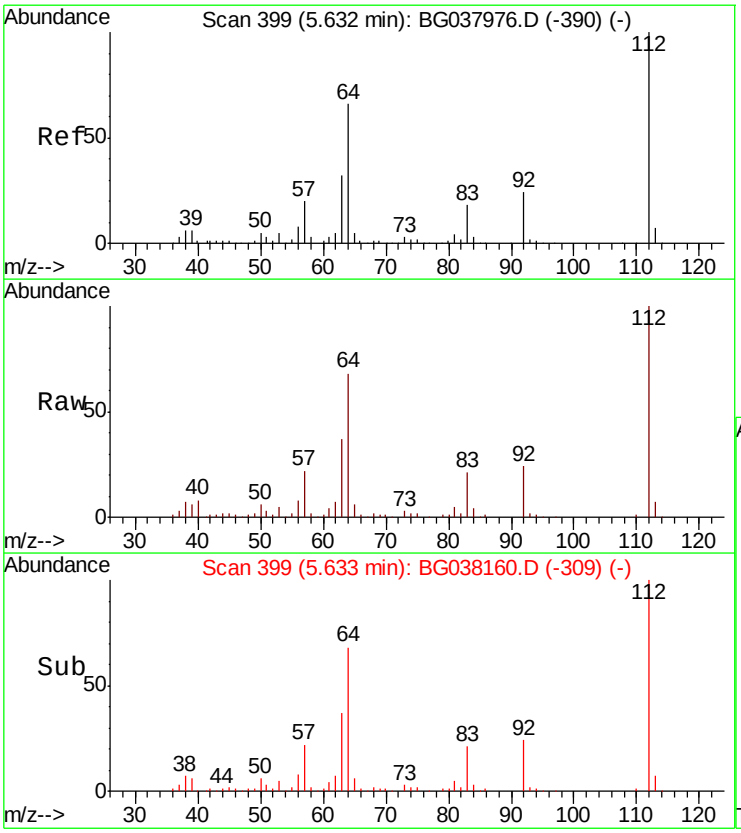

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

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

Tgt Ion:152 Resp: 40388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.5 | 126.0 | 189.0 |
| 115 | 59.7 | 45.5 | 68.3 |

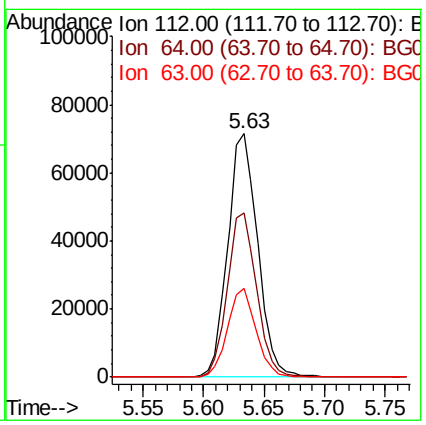


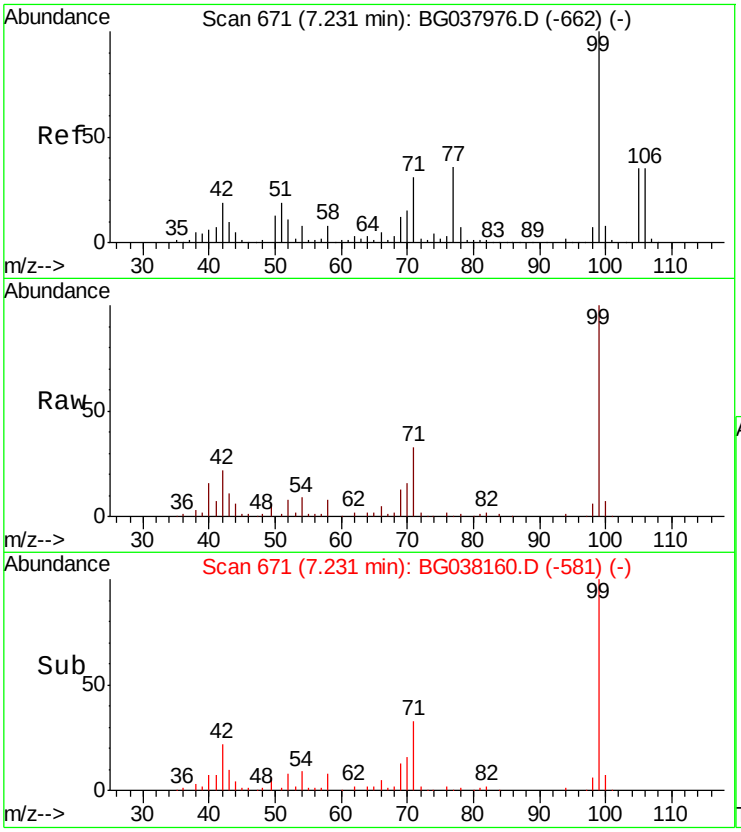




#5
2-Fluorophenol
Concen: 52.661 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion:112 Resp: 123186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.5 | 53.1 | 79.7 |
| 63 | 36.6 | 27.3 | 40.9 |



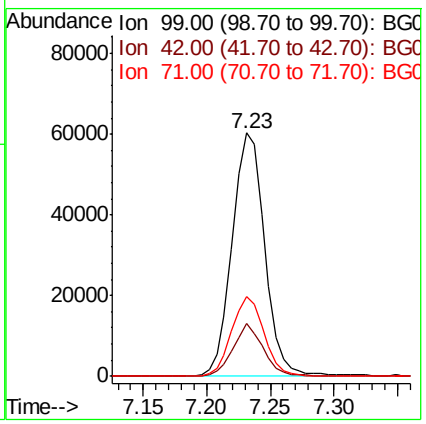


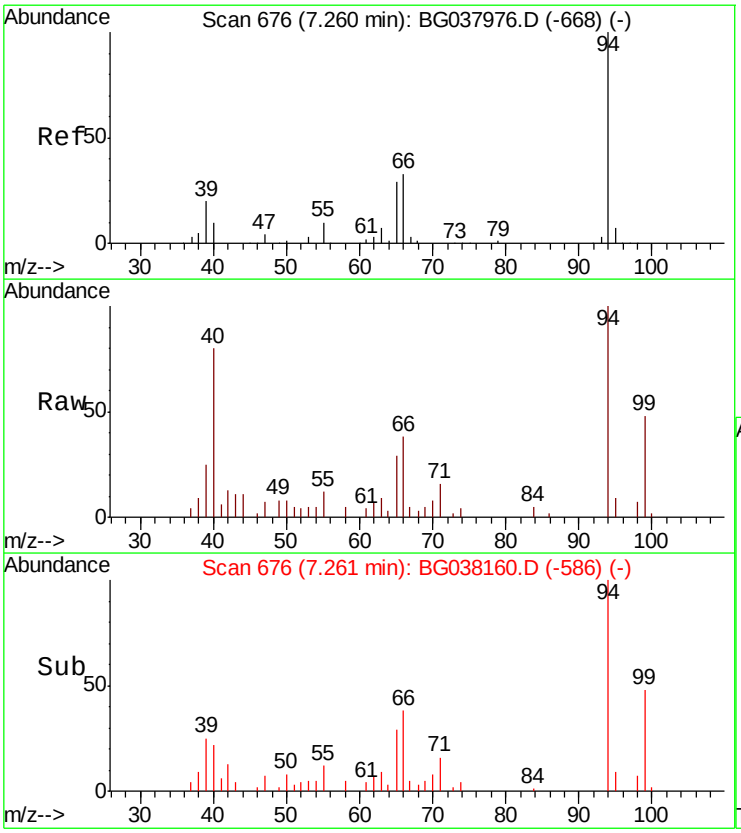

#7
Phenol-d6
Concen: 32.159 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

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

Tgt Ion: 99 Resp: 107380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.8 | 15.0 | 22.4 |
| 71 | 32.5 | 25.5 | 38.3 |

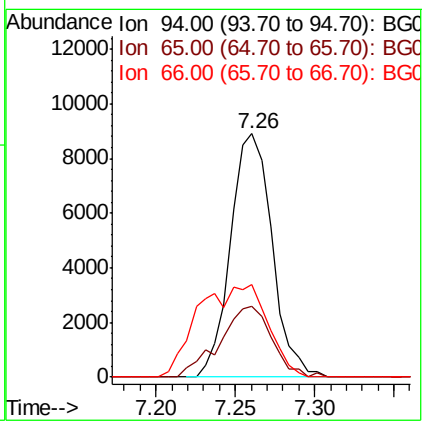


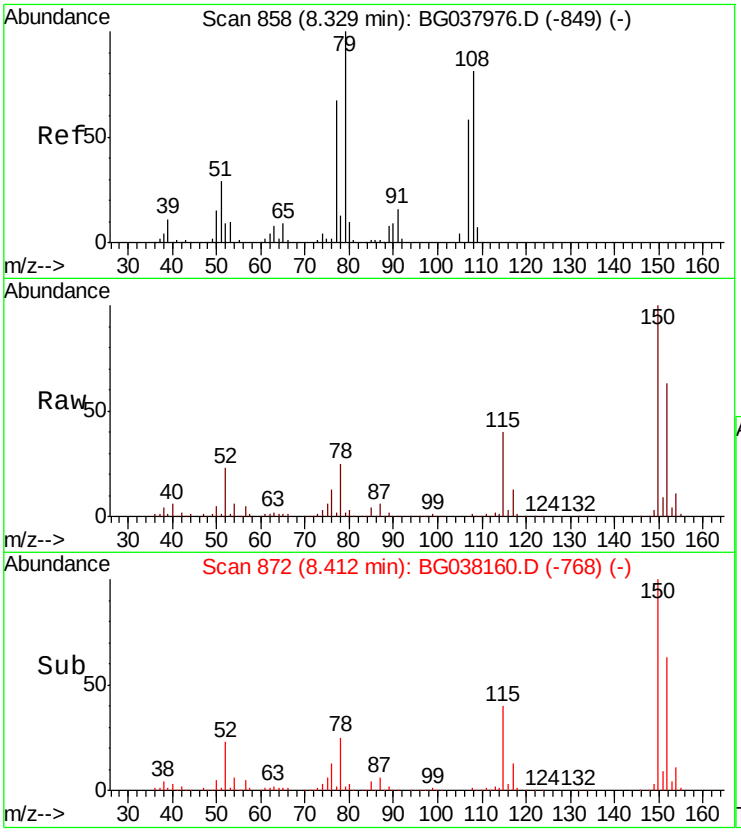




#10
Phenol
Concen: 4.570 ng
RT: 7.26 min Scan# 676
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion: 94 Resp: 16165

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.9 | 9.7 | 49.7 |
| 66 | 37.9 | 15.9 | 55.9 |



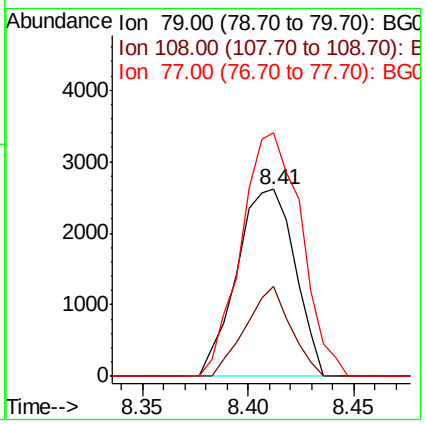


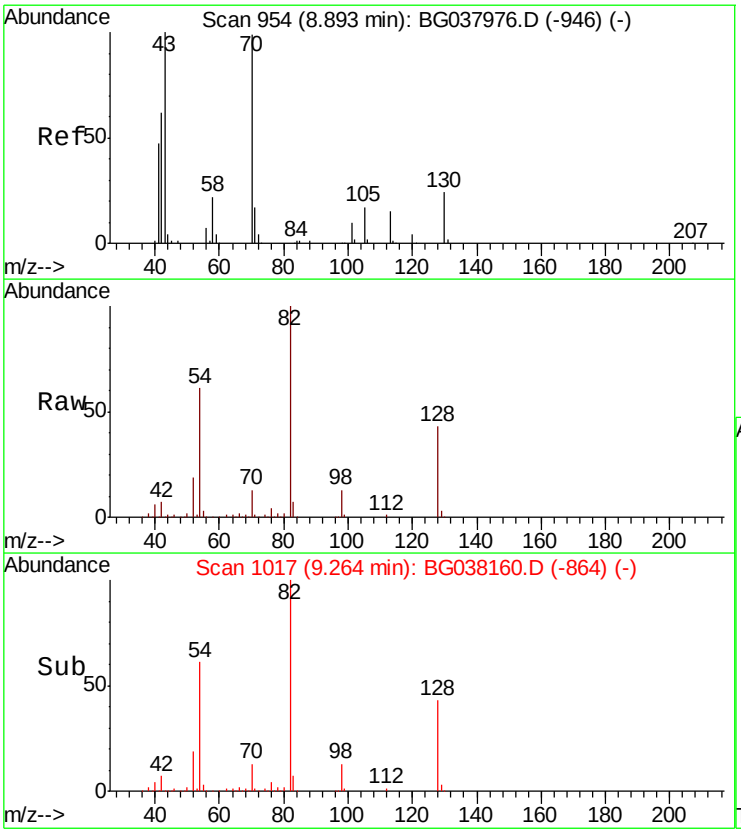

#15
Benzyl Alcohol
Concen: 2.065 ng
RT: 8.41 min Scan# 872
Delta R.T. 0.08 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

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

Tgt Ion: 79 Resp: 4990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 48.4 | 65.8 | 98.8# |
| 77 | 130.0 | 52.9 | 79.3# |

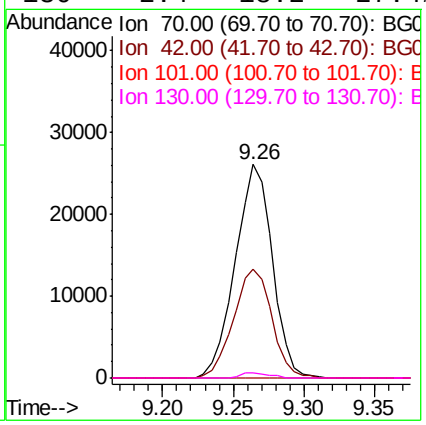


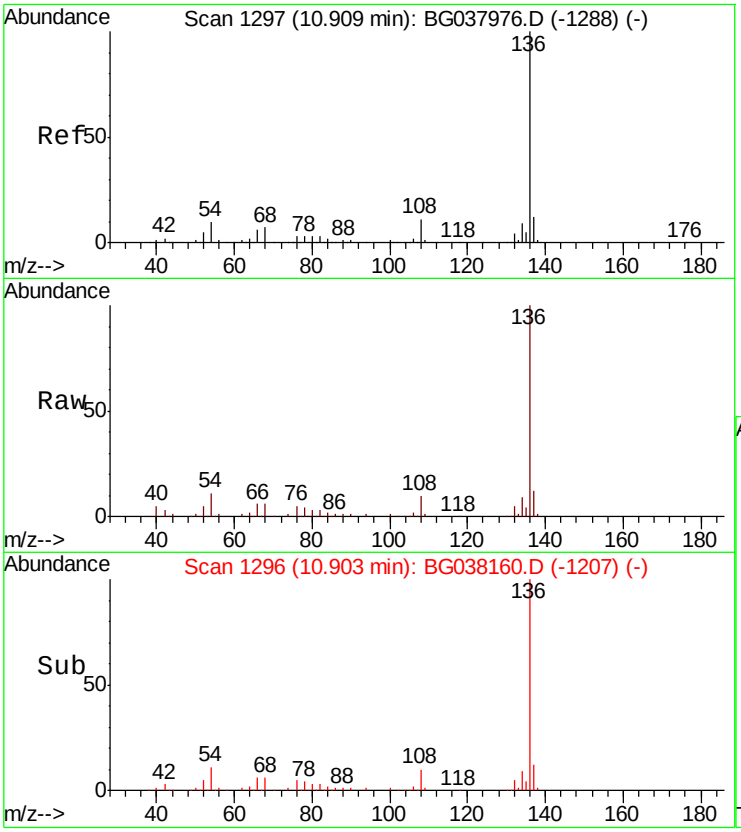




#19
n-Nitroso-di-n-propylamine
Concen: 19.824 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion: 70 Resp: 47896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 50.7 | 53.9 | 80.9# |
| 101 | 0.0 | 8.2 | 12.2# |
| 130 | 2.4 | 18.2 | 27.4# |



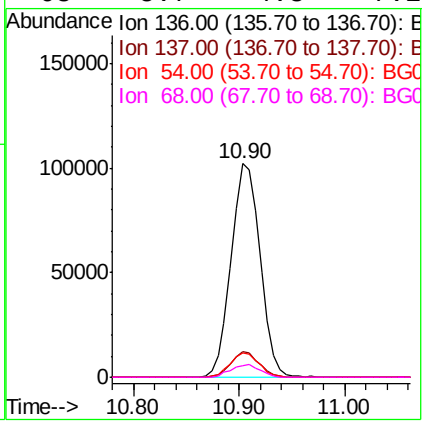


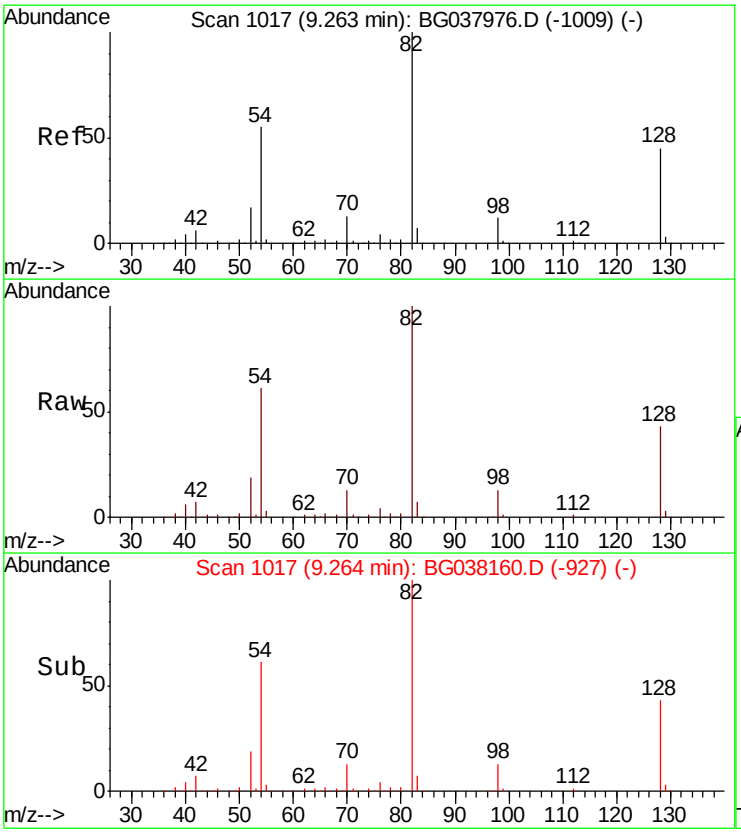

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

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

Tgt Ion:136 Resp: 193514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 9.6 | 14.4 |
| 54 | 11.4 | 7.9 | 11.9 |
| 68 | 5.7 | 4.8 | 7.2 |

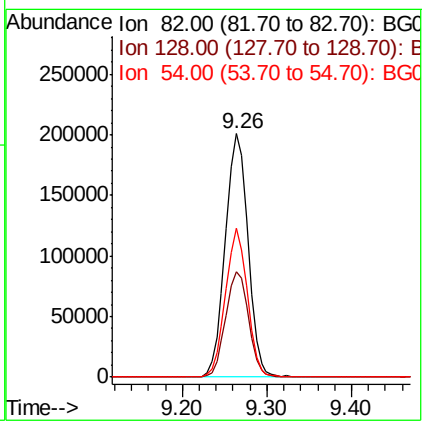


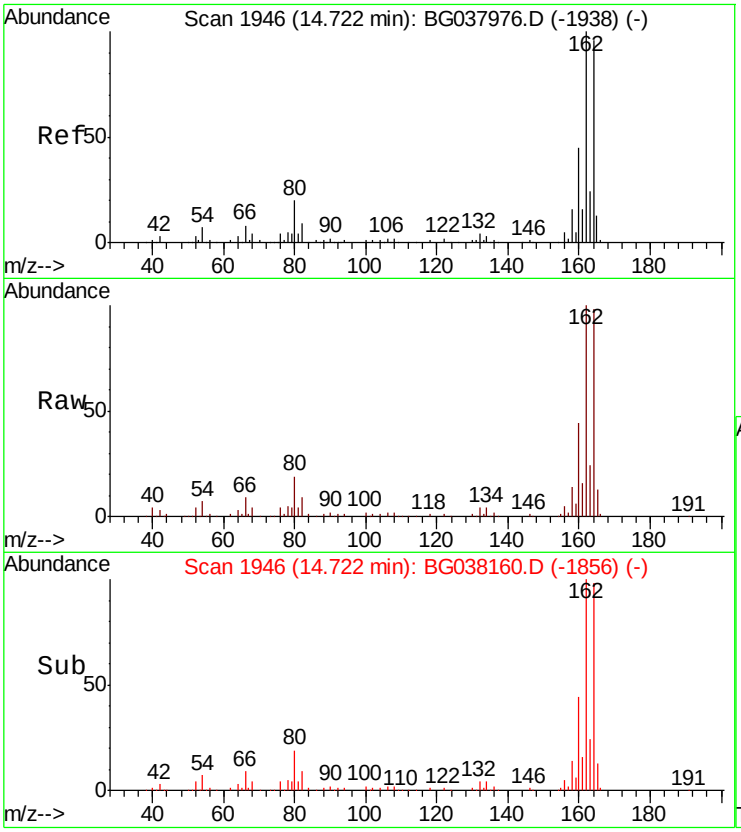




#23
Nitrobenzene-d5
Concen: 102.930 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion: 82 Resp: 372096

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.0 | 34.6 | 51.8 |
| 54 | 61.0 | 45.3 | 67.9 |



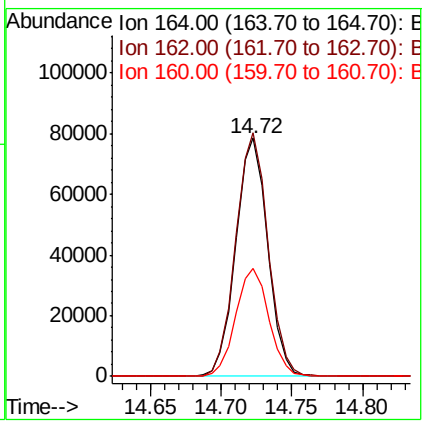


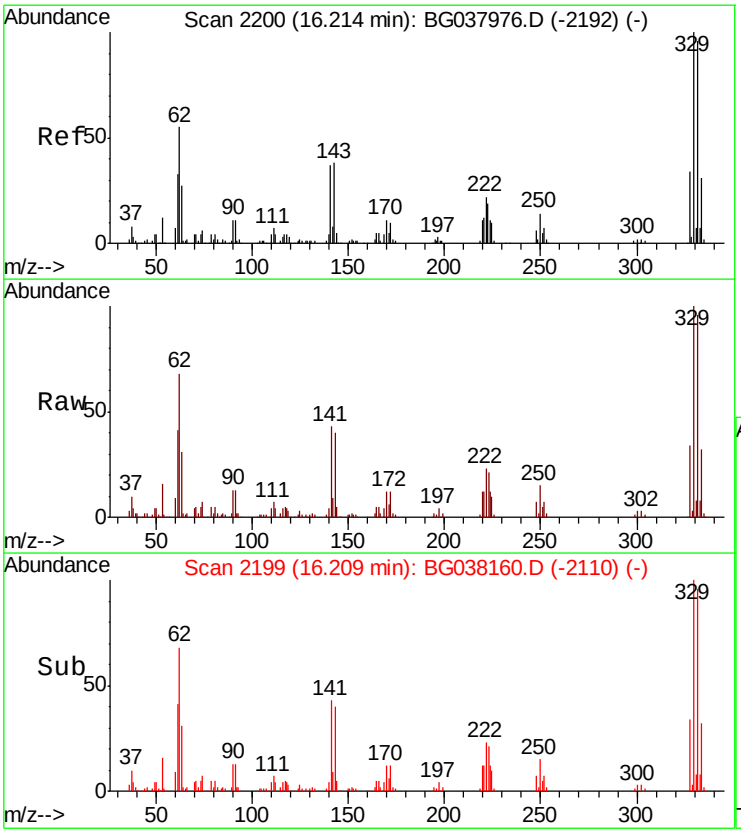

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

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

Tgt Ion:164 Resp: 124005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 81.3 | 121.9 |
| 160 | 45.2 | 36.3 | 54.5 |

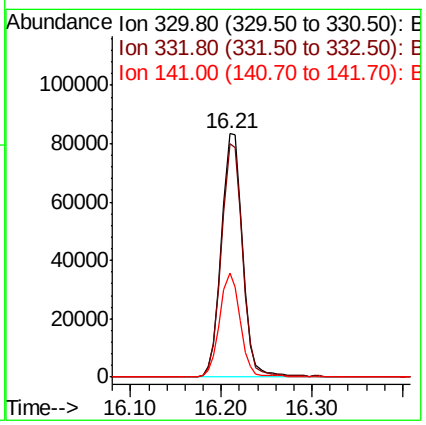


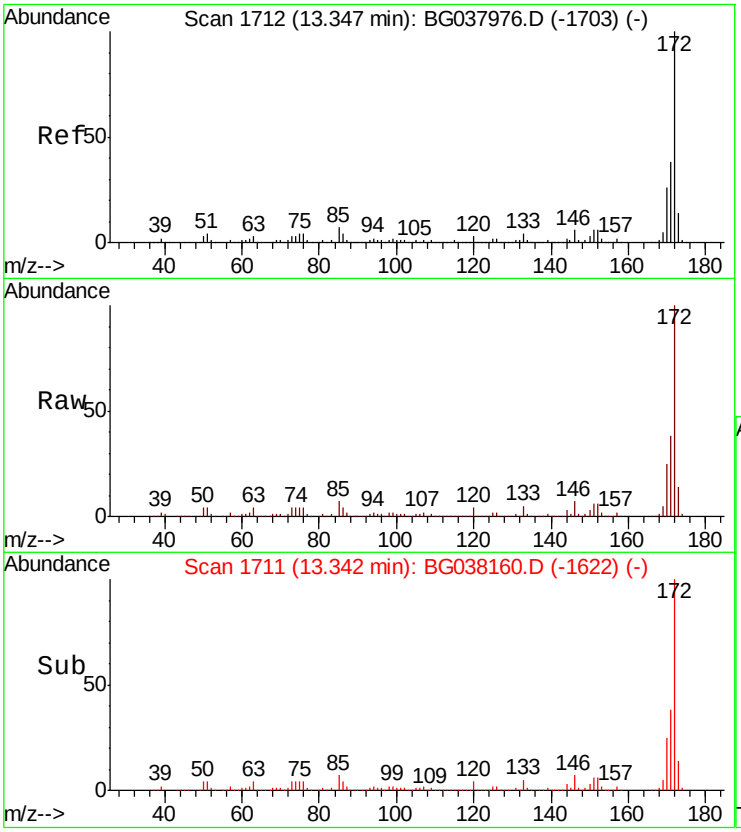




#42
2,4,6-Tribromophenol
Concen: 96.227 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion:330 Resp: 136089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.3 | 78.4 | 117.6 |
| 141 | 41.6 | 32.2 | 48.2 |



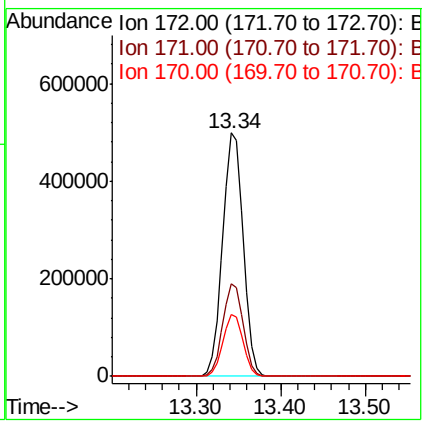


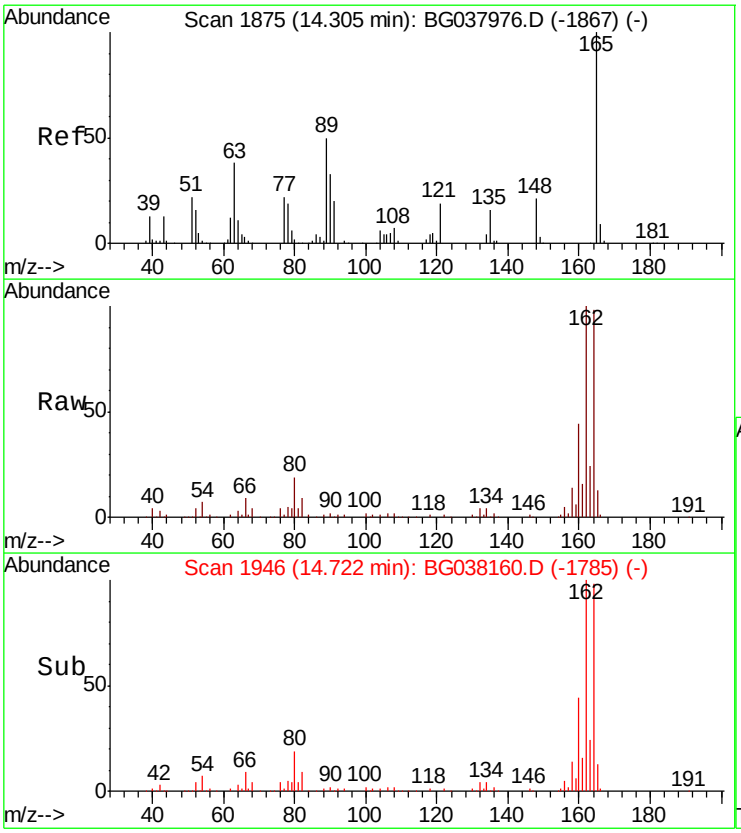

#45
2-Fluorobiphenyl
Concen: 98.491 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

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

Tgt Ion:172 Resp: 838338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.1 | 31.0 | 46.4 |
| 170 | 25.2 | 20.2 | 30.2 |

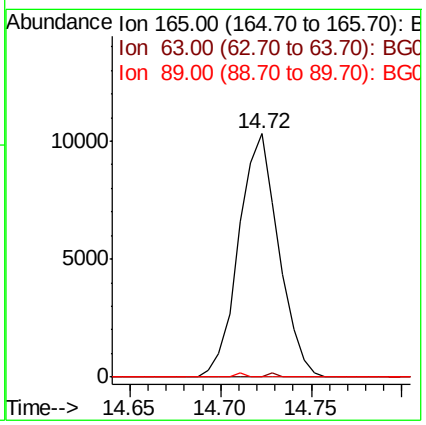


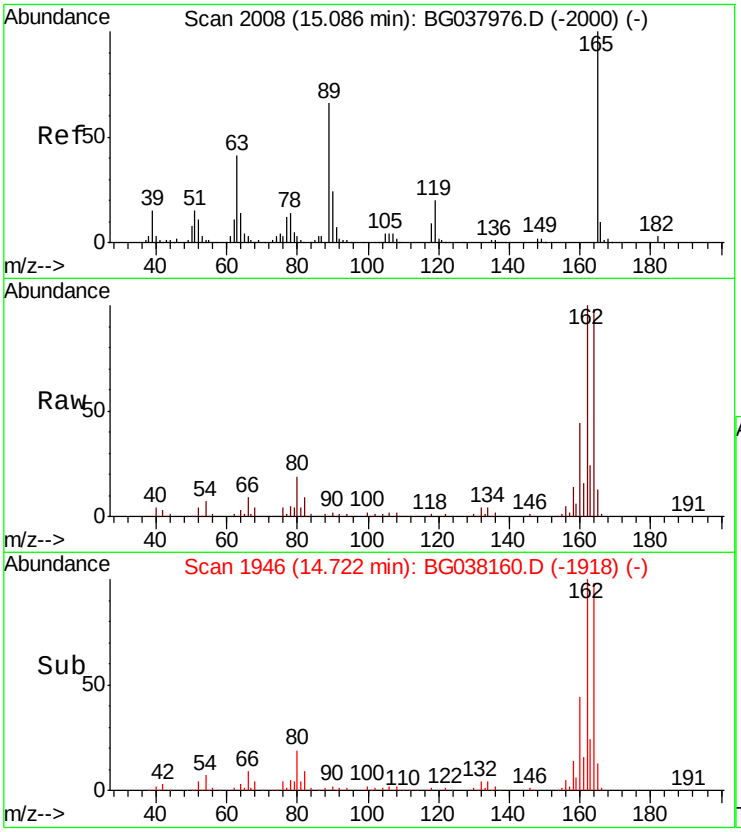




#51
2,6-Dinitrotoluene
Concen: 7.076 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion:165 Resp: 15743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 43.4 | 65.2# |
| 89 | 0.0 | 45.8 | 68.6# |



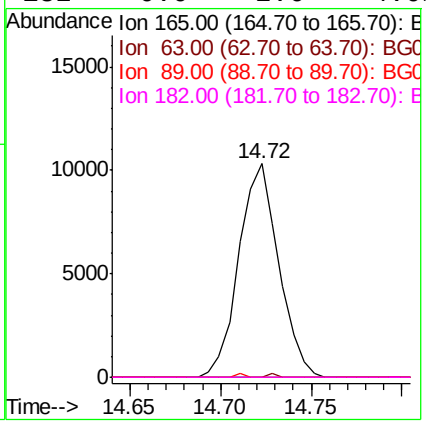


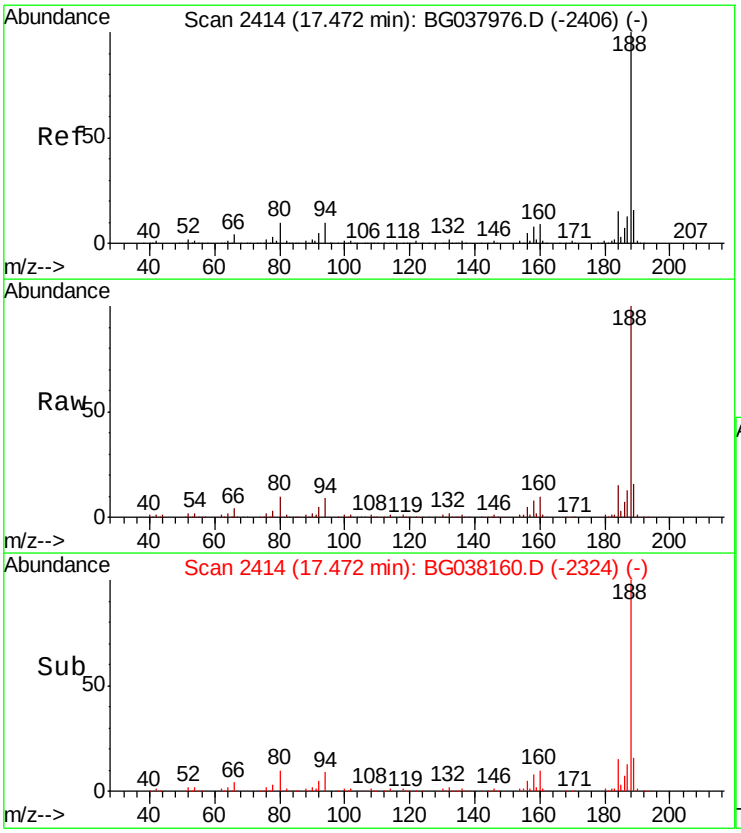

#57
2,4-Dinitrotoluene
Concen: 5.200 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.36 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

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

Tgt Ion:165 Resp: 15743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 33.4 | 50.0# |
| 89 | 0.0 | 57.2 | 85.8# |
| 182 | 0.0 | 2.6 | 4.0# |

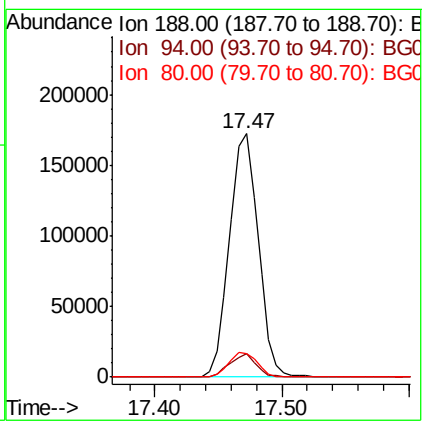


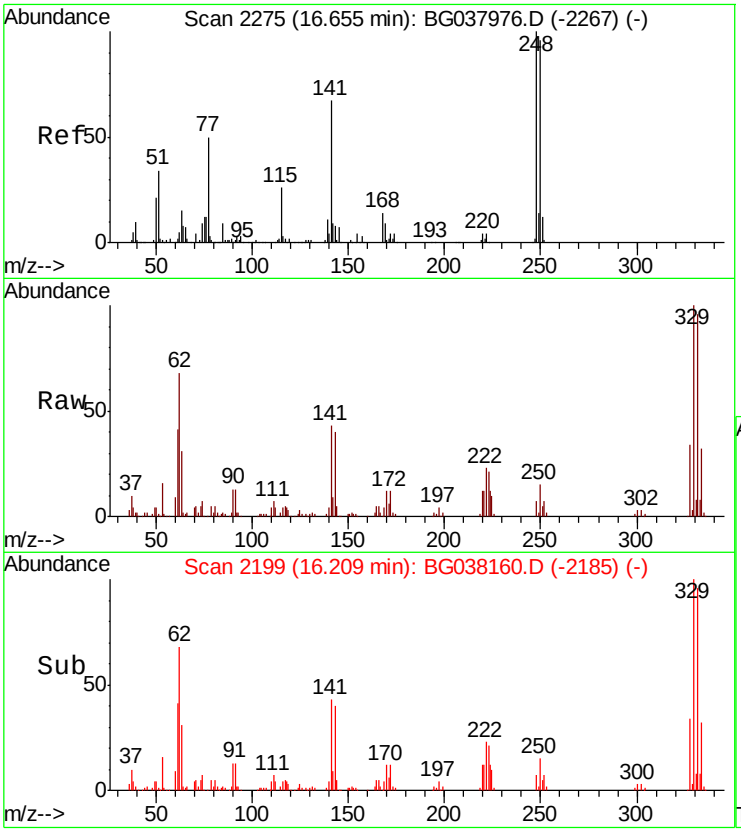




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion:188 Resp: 271778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 7.2 | 10.8 |
| 80 | 9.6 | 7.7 | 11.5 |



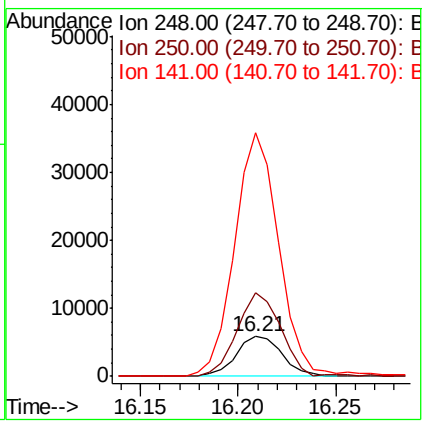


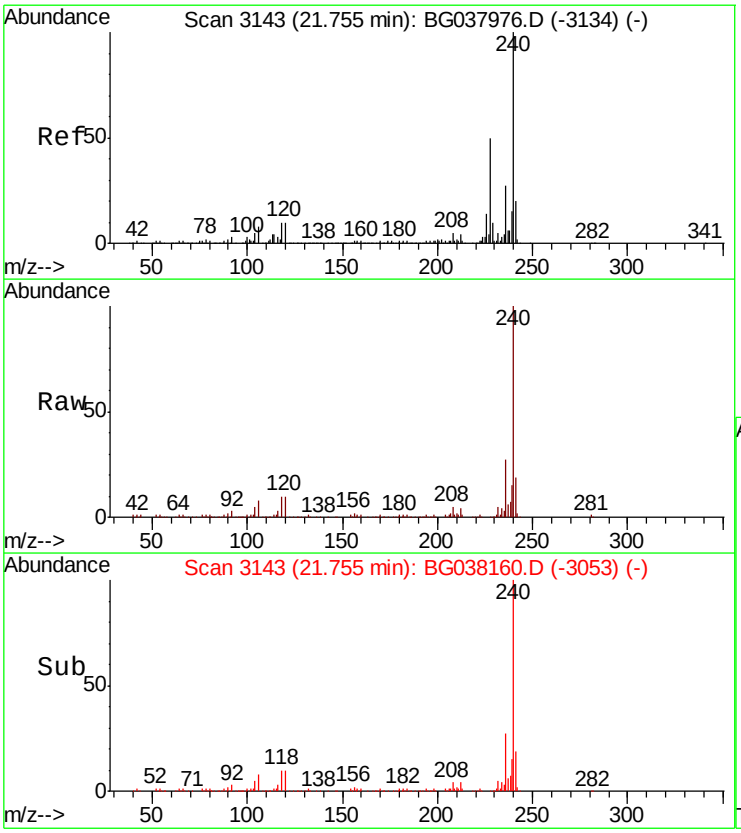

#67
4-Bromophenyl-phenylether
Concen: 3.211 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

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

Tgt Ion:248 Resp: 9579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 274.9 | 77.0 | 115.6# |
| 141 | 609.0 | 55.5 | 83.3# |

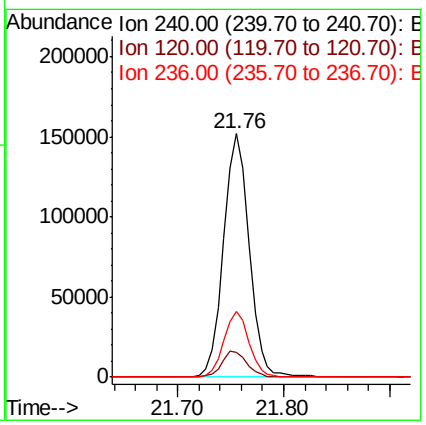


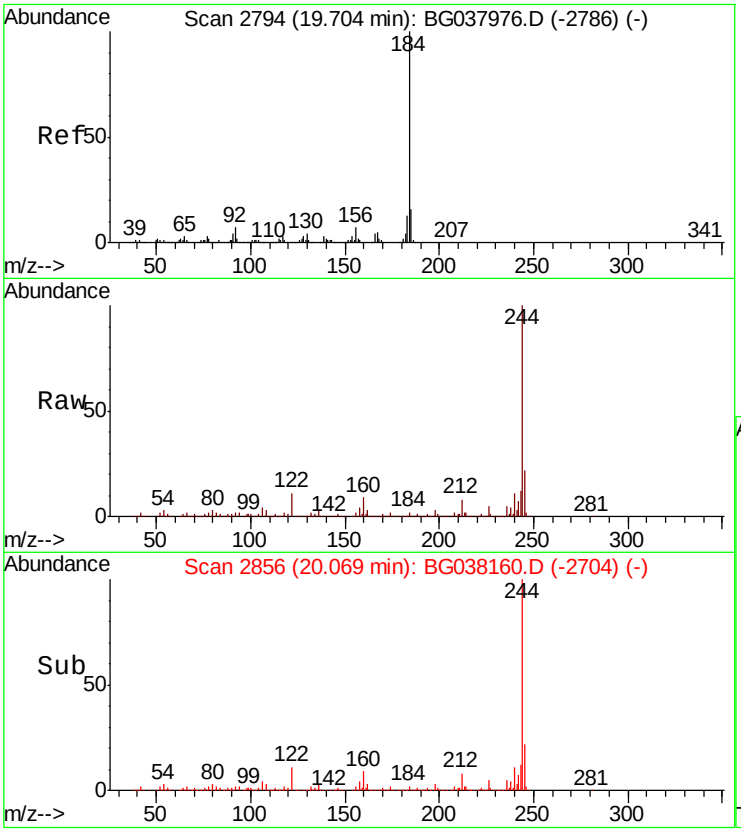




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion:240 Resp: 254952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 8.1 | 12.1 |
| 236 | 27.2 | 21.4 | 32.0 |



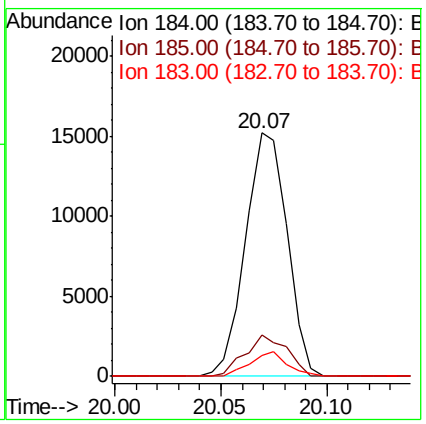


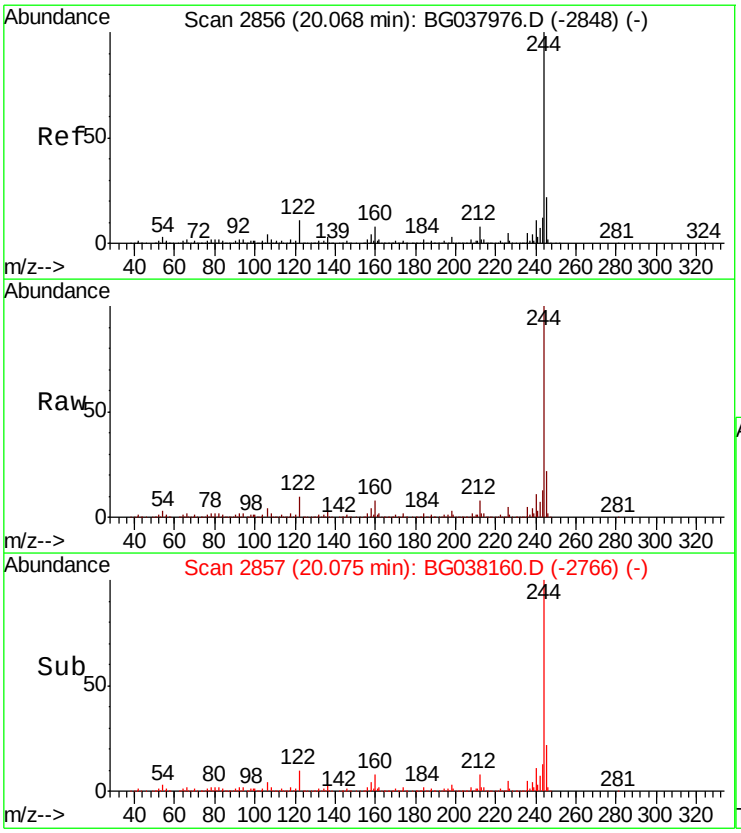

#77
Benzidine
Concen: 2.332 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.36 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

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

Tgt Ion:184 Resp: 20862

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.0 | 12.6 | 18.8 |
| 183 | 8.7 | 10.2 | 15.2# |

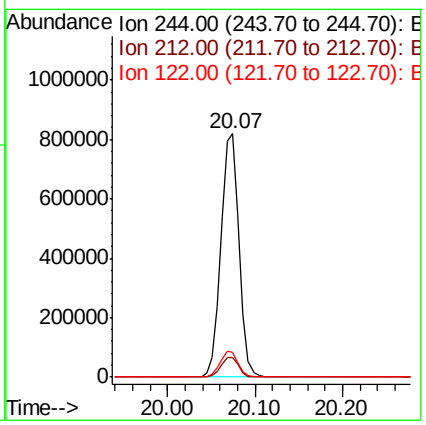


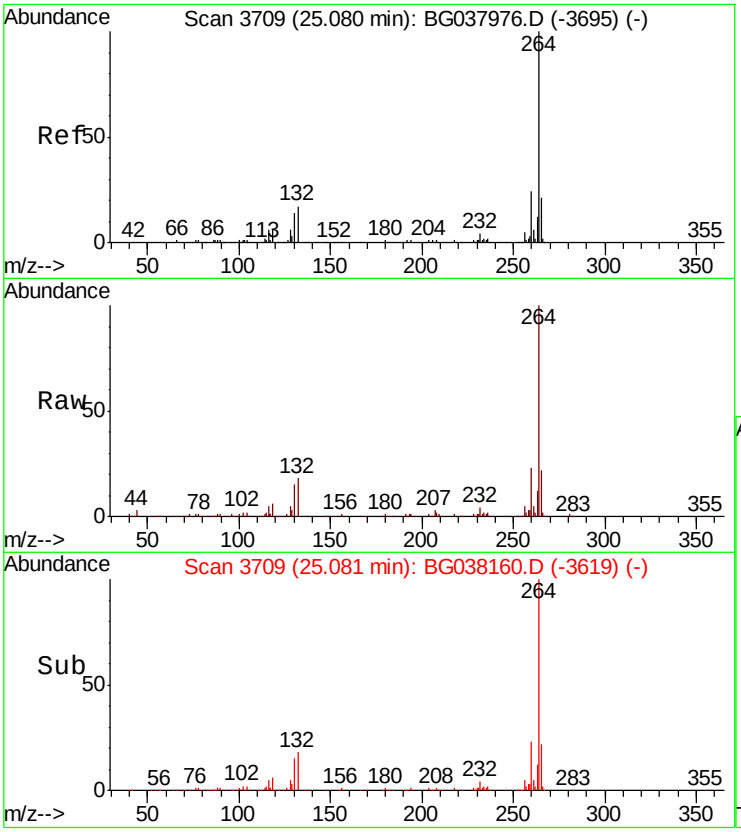




#79
Terphenyl-d14
Concen: 108.340 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

Tgt Ion:244 Resp: 1173881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 6.5 | 9.7 |
| 122 | 10.1 | 9.0 | 13.4 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038160.D
Acq: 27 Nov 2018 8:15

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

Tgt Ion:264 Resp: 252570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.6 | 18.2 | 27.4 |
| 265 | 21.6 | 17.9 | 26.9 |