Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039744.D
Acq On : 4 Mar 2019 23:24
Operator : JU/SJ
Sample : K1714-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SB-B-11-14

Quant Time: Mar 05 06:27:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 43206 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.98 | 136 | 189391 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.78 | 164 | 130398 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.52 | 188 | 335105 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.82 | 240 | 344740 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 25.18 | 264 | 349348 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.70 | 112 | 416134 | 164.31 | ng | | -0.01 |
| 7) Phenol-d6 | 7.30 | 99 | 610263 | 161.61 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.33 | 82 | 357931 | 102.21 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.27 | 330 | 251445 | 165.44 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.41 | 172 | 826537 | 90.25 | ng | | -0.01 |
| 79) Terphenyl-d14 | 20.12 | 244 | 1313336 | 83.88 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.58 | 88 | 54 | 0.046 | ng | # | 1 |
| 4) n-Nitrosodimethylamine | 3.94 | 42 | 245 | 0.165 | ng | # | 1 |
| 6) Aniline | 7.34 | 93 | 115 | 0.023 | ng | # | 1 |
| 8) 2-Chlorophenol | 7.68 | 128 | 120 | 0.039 | ng | # | 1 |
| 9) Benzaldehyde | 7.30 | 77 | 1093 | 0.449 | ng | # | 4 |
| 10) Phenol | 7.33 | 94 | 9945 | 2.431 | ng | # | 66 |
| 11) bis(2-Chloroethyl)ether | 7.68 | 93 | 693 | 0.217 | ng | # | 1 |
| 12) 1,3-Dichlorobenzene | 8.48 | 146 | 63 | 0.018 | ng | # | 1 |
| 13) 1,4-Dichlorobenzene | 8.48 | 146 | 63 | 0.018 | ng | # | 1 |
| 14) 1,2-Dichlorobenzene | 8.48 | 146 | 63 | 0.018 | ng | # | 1 |
| 15) Benzyl Alcohol | 8.48 | 79 | 5386 | 1.798 | ng | # | 51 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59 | 45 | 62 | 0.010 | ng | | 75 |
| 19) n-Nitroso-di-n-propylamine | 9.33 | 70 | 46794 | 17.216 | ng | # | 67 |
| 24) Nitrobenzene | 9.34 | 77 | 1080 | 0.294 | ng | # | 41 |
| 29) 2,4-Dichlorophenol | 11.05 | 162 | 75 | 0.024 | ng | # | 23 |
| 37) 2-Methylnaphthalene | 12.81 | 142 | 54 | 0.007 | ng | # | 13 |
| 38) 1-Methylnaphthalene | 12.81 | 142 | 54 | 0.007 | ng | # | 7 |
| 46) 1,1'-Biphenyl | 13.62 | 154 | 1283 | 0.120 | ng | # | 68 |
| 48) 2-Nitroaniline | 14.22 | 65 | 642 | 0.248 | ng | # | 1 |
| 50) Dimethylphthalate | 14.22 | 163 | 67220 | 6.165 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.22 | 165 | 663 | 0.287 | ng | # | 30 |
| 52) Acenaphthene | 14.85 | 154 | 57 | 0.007 | ng | # | 5 |
| 57) 2,4-Dinitrotoluene | 14.78 | 165 | 17696 | 5.448 | ng | # | 18 |
| 58) Fluorene | 16.27 | 166 | 10993 | 1.069 | ng | # | 88 |
| 60) Diethylphthalate | 15.57 | 149 | 446 | 0.041 | ng | # | 58 |
| 63) Azobenzene | 16.27 | 77 | 1464 | 0.150 | ng | # | 1 |
| 65) 4,6-Dinitro-2-methylphenol | 16.26 | 198 | 965 | 0.487 | ng | # | 1 |
| 66) n-Nitrosodiphenylamine | 16.27 | 169 | 10866 | 1.120 | ng | # | 46 |
| 67) 4-Bromophenyl-phenylether | 16.27 | 248 | 19221 | 5.124 | ng | # | 1 |
| 69) Atrazine | 17.41 | 200 | 57 | 0.015 | ng | # | 35 |
| 71) Phenanthrene | 17.57 | 178 | 256 | 0.014 | ng | # | 59 |
| 72) Anthracene | 17.57 | 178 | 256 | 0.014 | ng | # | 60 |
| 74) Di-n-butylphthalate | 18.46 | 149 | 1847 | 0.097 | ng | # | 85 |
| 75) Fluoranthene | 19.57 | 202 | 79 | 0.004 | ng | | 63 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039744.D
Acq On : 4 Mar 2019 23:24
Operator : JU/SJ
Sample : K1714-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SB-B-11-14

Quant Time: Mar 05 06:27:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

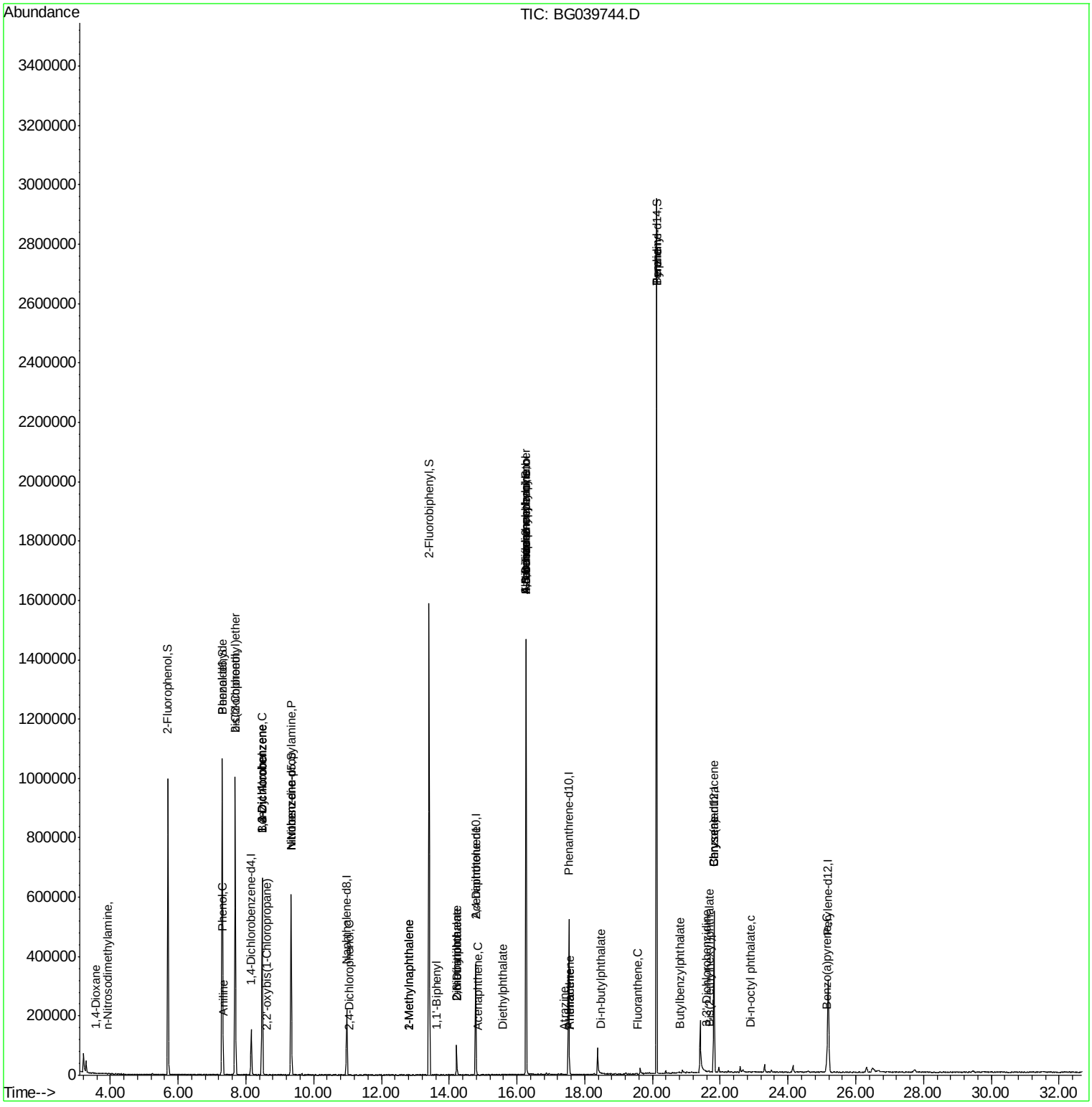
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 77) Benzidine | 20.12 | 184 | 22384 | 2.046 | ng | # | 89 |
| 78) Pyrene | 20.12 | 202 | 5311 | 0.237 | ng | # | 62 |
| 80) Butylbenzylphthalate | 20.80 | 149 | 58 | 0.007 | ng | # | 49 |
| 81) Benzo(a)anthracene | 21.81 | 228 | 1142 | 0.053 | ng | # | 66 |
| 82) 3,3'-Dichlorobenzidine | 21.60 | 252 | 56 | 0.007 | ng | # | 26 |
| 83) Chrysene | 21.81 | 228 | 1142 | 0.055 | ng | # | 62 |
| 84) Bis(2-ethylhexyl)phthalate | 21.66 | 149 | 1801 | 0.148 | ng | # | 85 |
| 85) Di-n-octyl phthalate | 22.89 | 149 | 112 | 0.006 | ng | # | 71 |
| 90) Benzo(a)pyrene | 25.14 | 252 | 62 | 0.003 | ng | # | 3 |

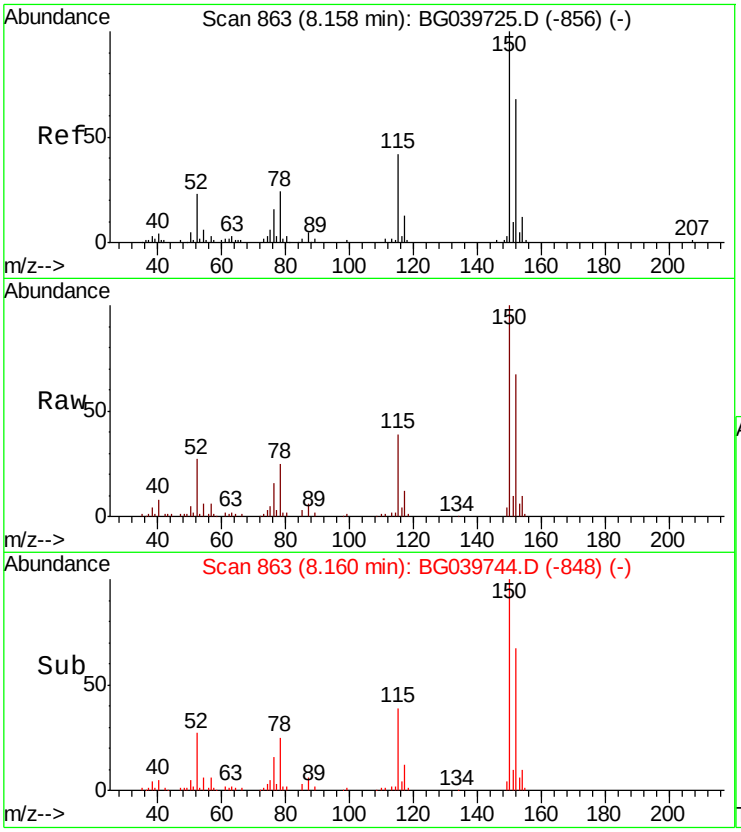
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039744.D
Acq On : 4 Mar 2019 23:24
Operator : JU/SJ
Sample : K1714-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Quant Time: Mar 05 06:27:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration



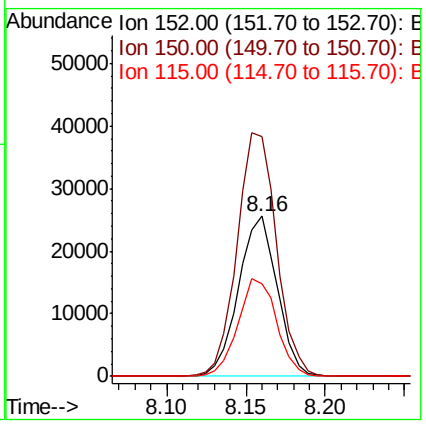


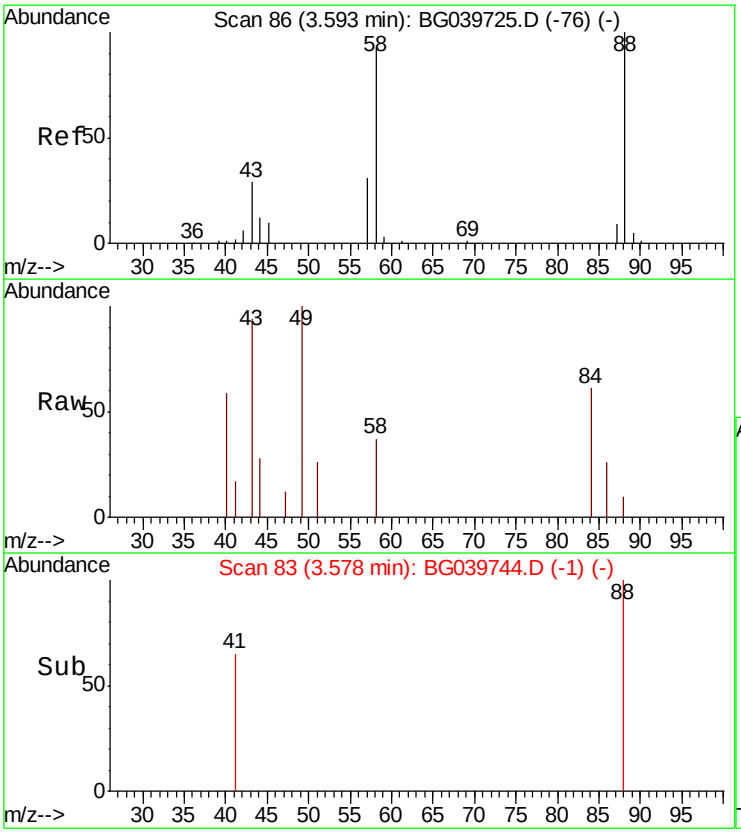

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:152 Resp: 43206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.7 | 123.7 | 185.5 |
| 115 | 57.8 | 45.9 | 68.9 |

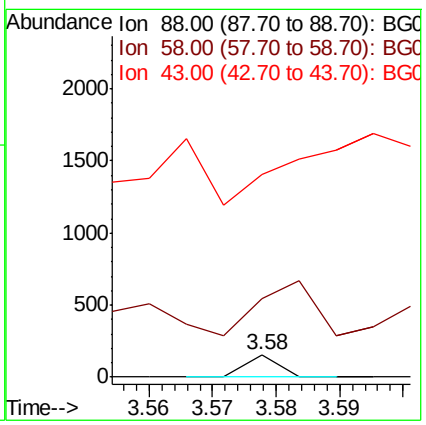


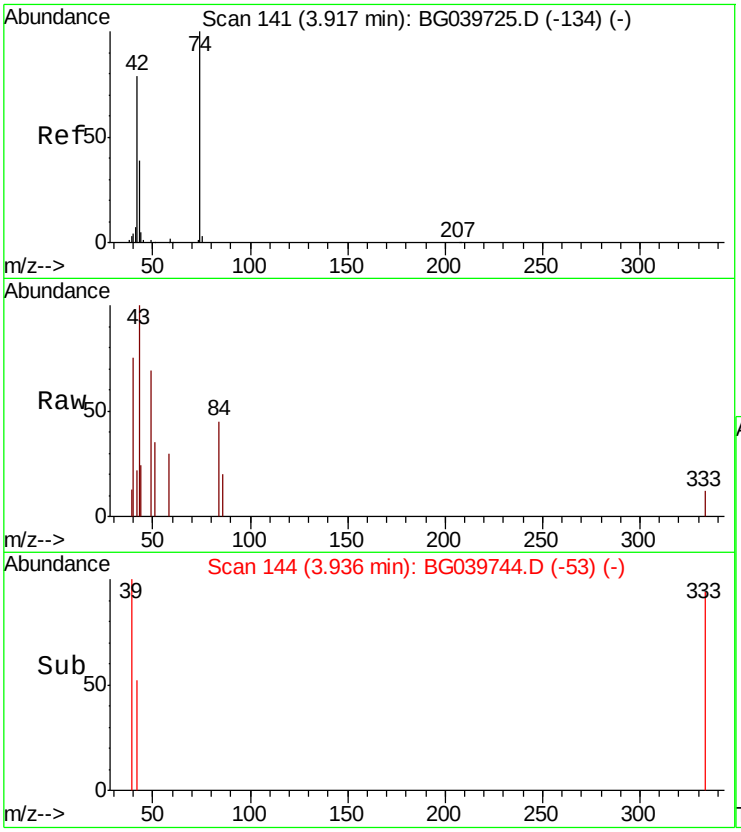




#2
1,4-Dioxane
Concen: 0.046 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 88 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 466.7 | 81.1 | 121.7# |
| 43 | 1450.0 | 31.4 | 47.0# |



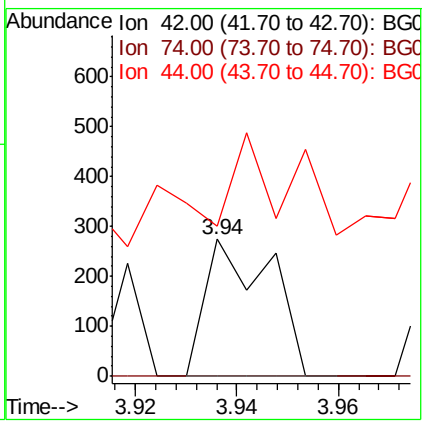


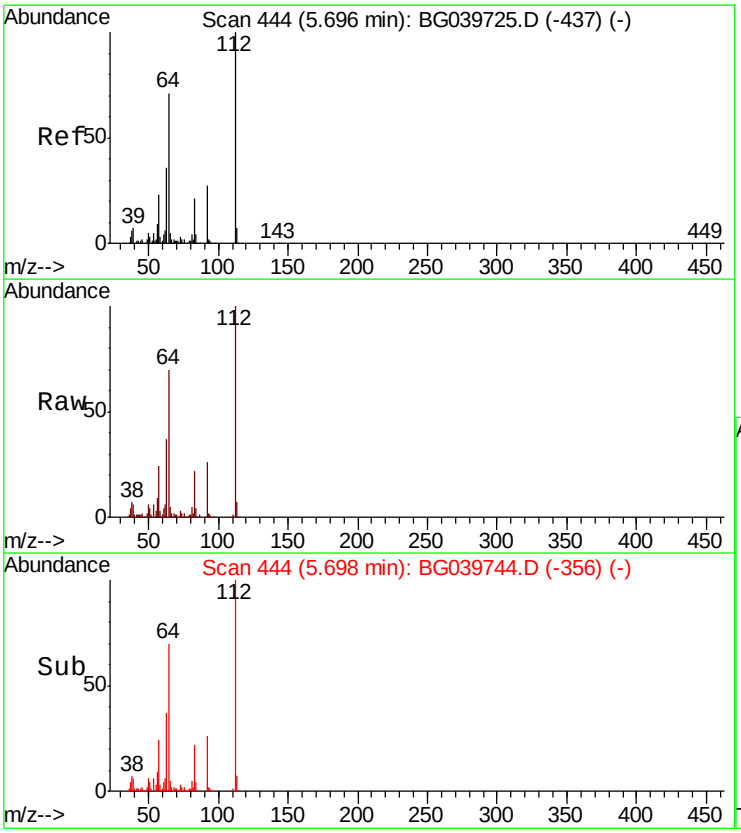

#4
n-Nitrosodimethylamine
Concen: 0.165 ng
RT: 3.94 min Scan# 144
Delta R.T. 0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion: 42 Resp: 245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 83.6 | 125.4# |
| 44 | 109.5 | 6.9 | 10.3# |

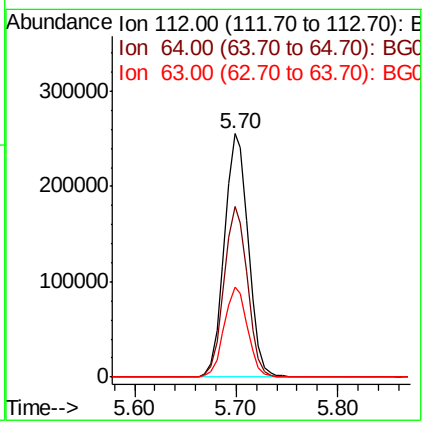


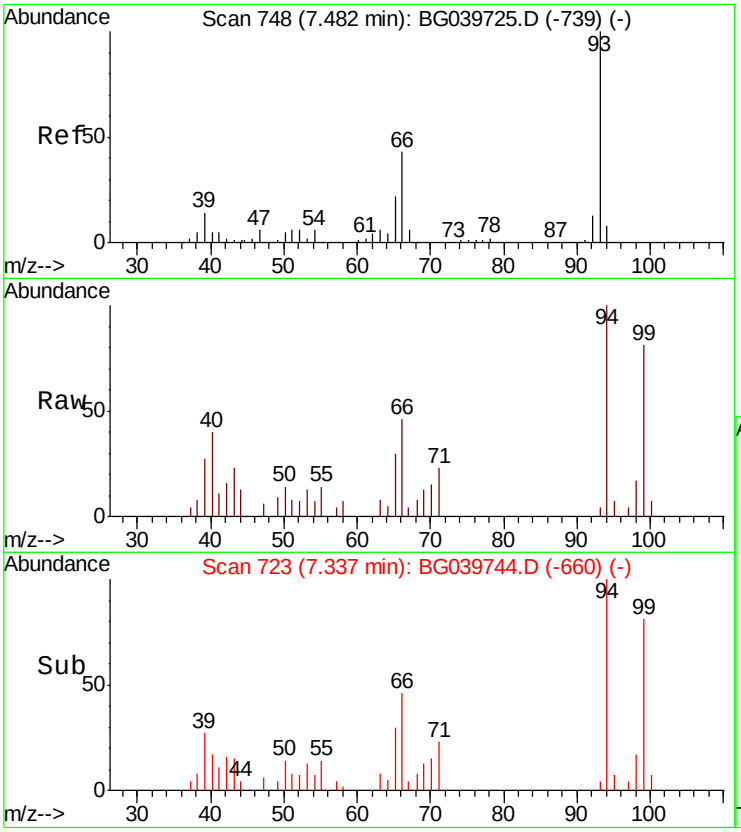




#5
2-Fluorophenol
Concen: 164.312 ng
RT: 5.70 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:112 Resp: 416134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.3 | 57.8 | 86.8 |
| 63 | 37.0 | 29.8 | 44.6 |



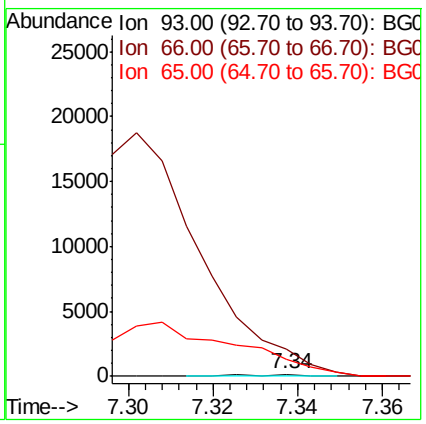


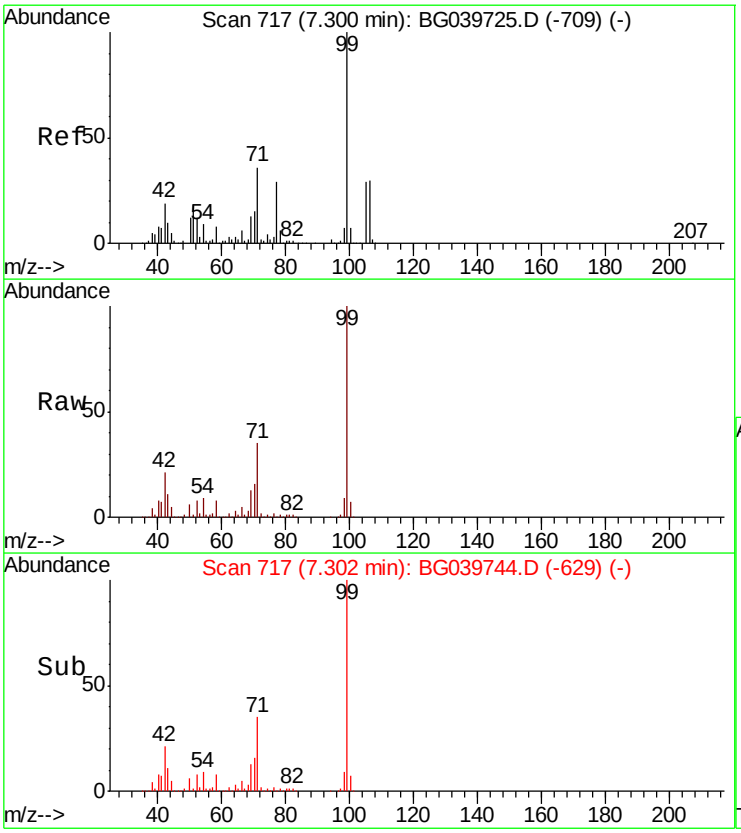

#6
Aniline
Concen: 0.023 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.16 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion: 93 Resp: 115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 1240.4 | 34.2 | 51.4# |
| 65 | 812.0 | 17.7 | 26.5# |

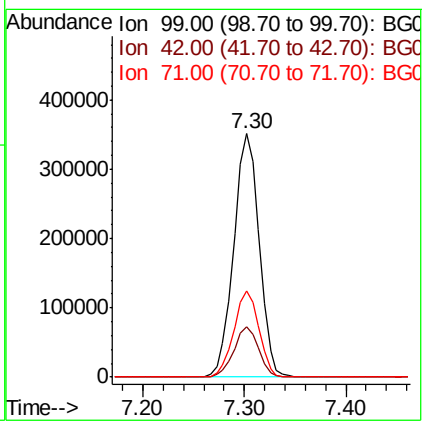


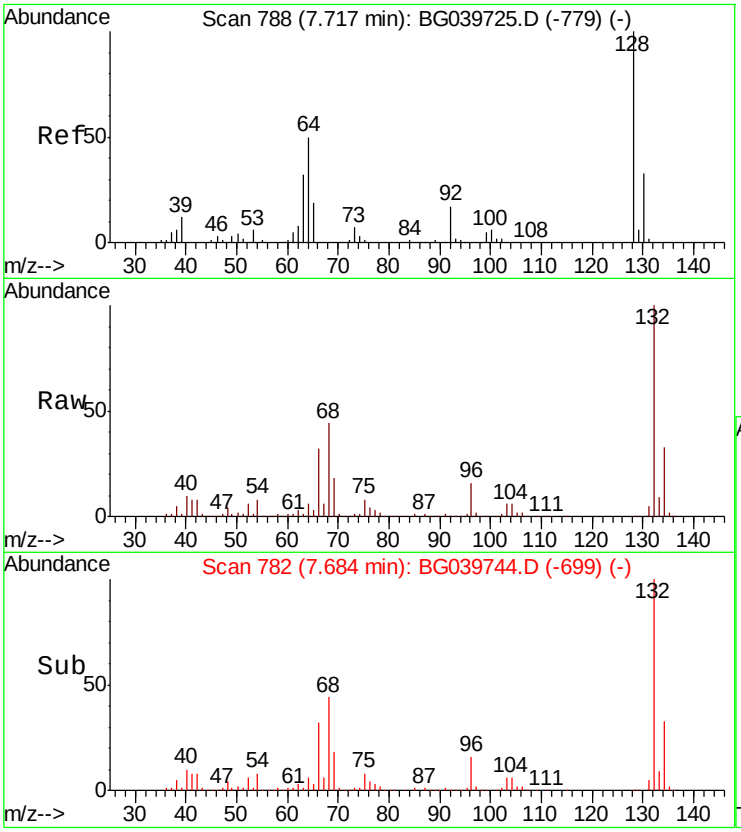




#7
Phenol-d6
Concen: 161.607 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 99 Resp: 610263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.6 | 18.2 | 27.2 |
| 71 | 35.2 | 28.0 | 42.0 |



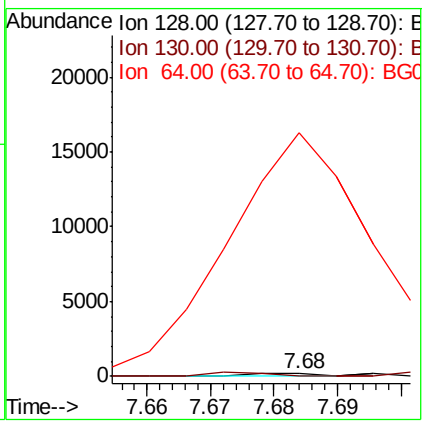


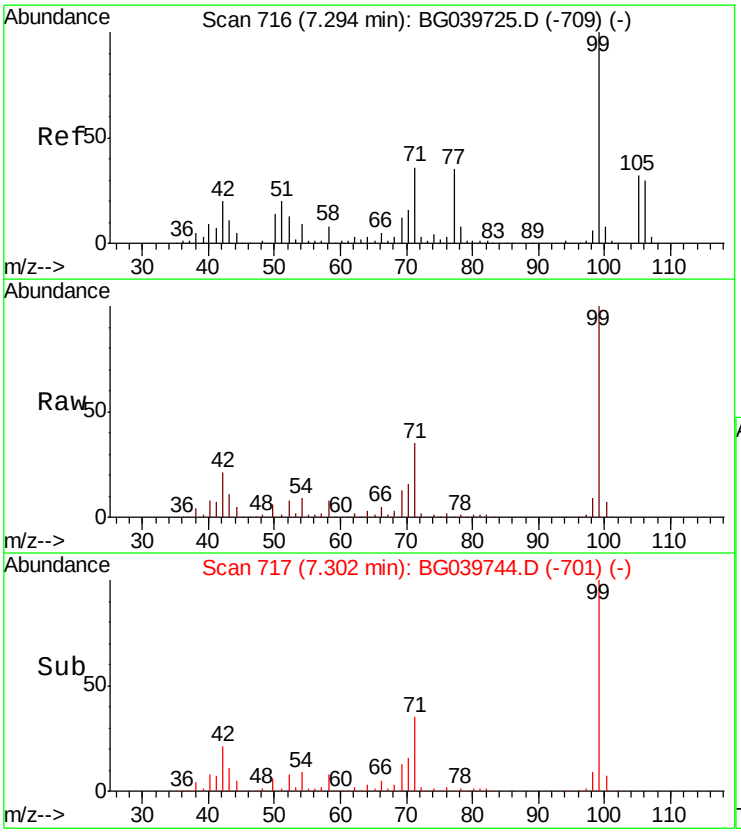

#8
2-Chlorophenol
Concen: 0.039 ng
RT: 7.68 min Scan# 782
Delta R.T. -0.04 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:128 Resp: 120

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 0.0 | 12.9 | 52.9# |
| 64 | 9462.8 | 38.7 | 78.7# |

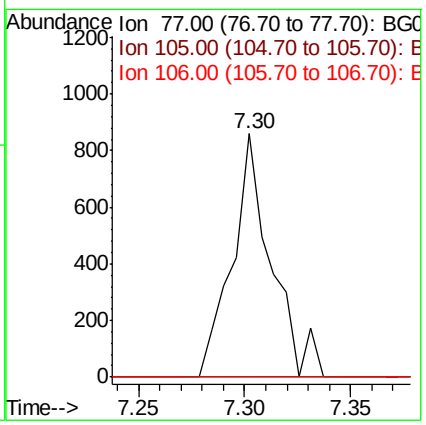


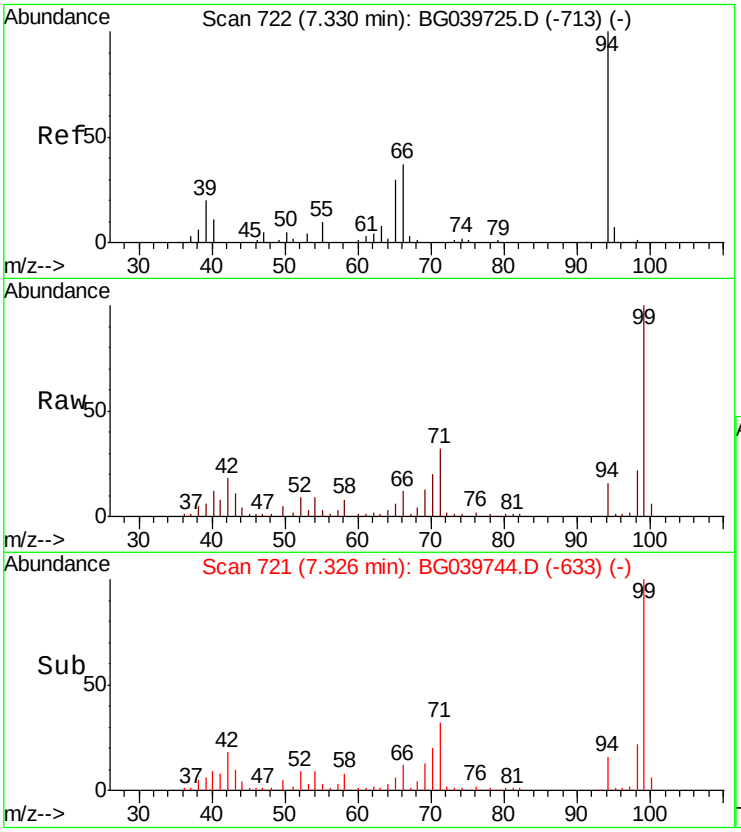




#9
Benzaldehyde
Concen: 0.449 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 77 Resp: 1093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 74.5 | 114.5# |
| 106 | 0.0 | 68.0 | 108.0# |



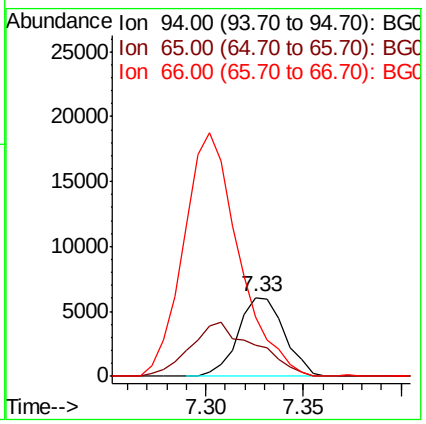


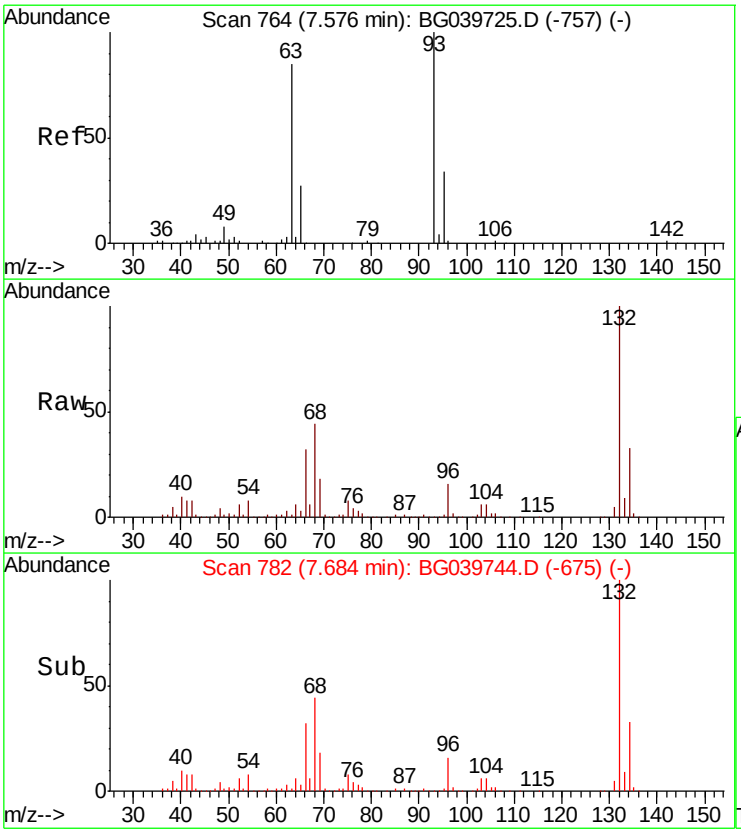

#10
Phenol
Concen: 2.431 ng
RT: 7.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion: 94 Resp: 9945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 39.0 | 11.7 | 51.7 |
| 66 | 75.8 | 23.7 | 63.7# |

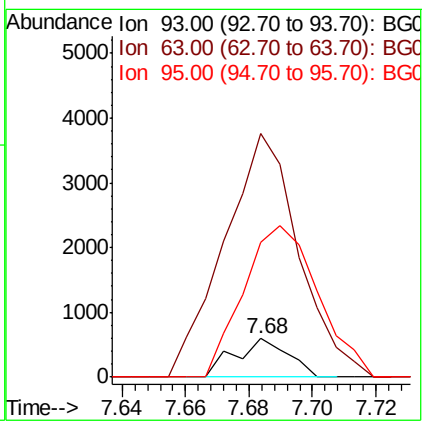


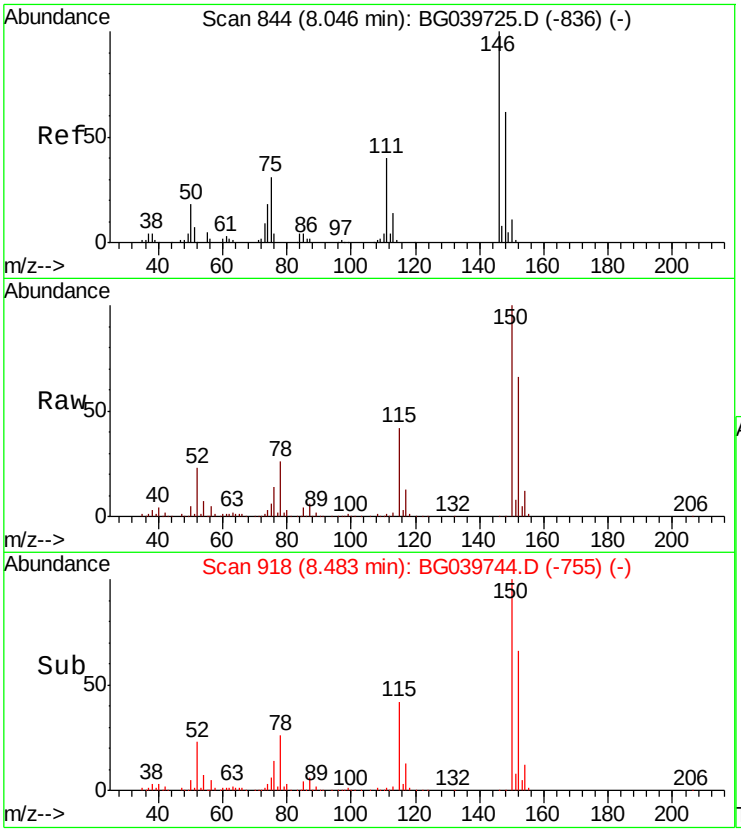




#11
bis(2-Chloroethyl)ether
Concen: 0.217 ng
RT: 7.68 min Scan# 782
Delta R.T. 0.10 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 93 Resp: 693

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 637.3 | 69.5 | 109.5# |
| 95 | 352.0 | 12.7 | 52.7# |



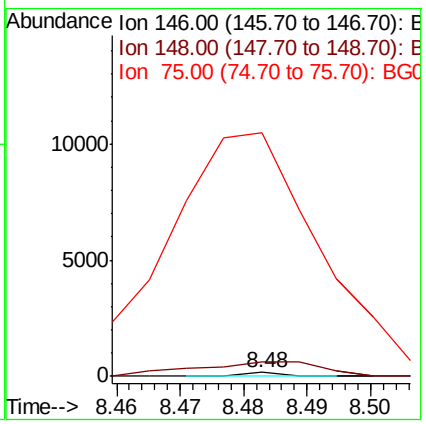


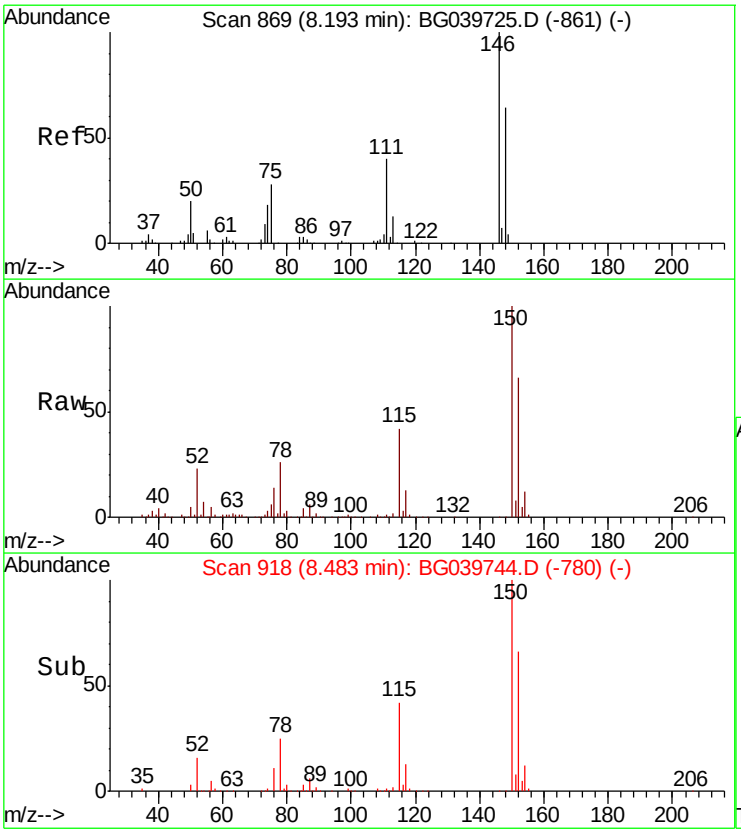

#12
1,3-Dichlorobenzene
Concen: 0.018 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.43 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:146 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 332.8 | 52.6 | 79.0# |
| 75 | 5820.0 | 25.8 | 38.6# |

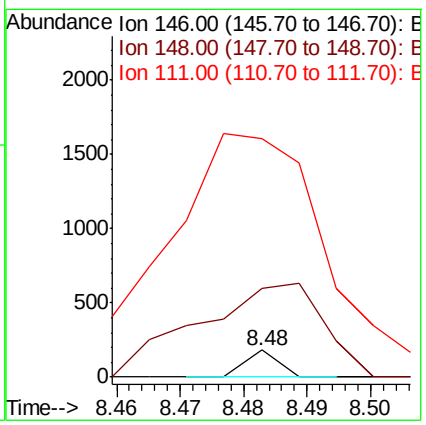


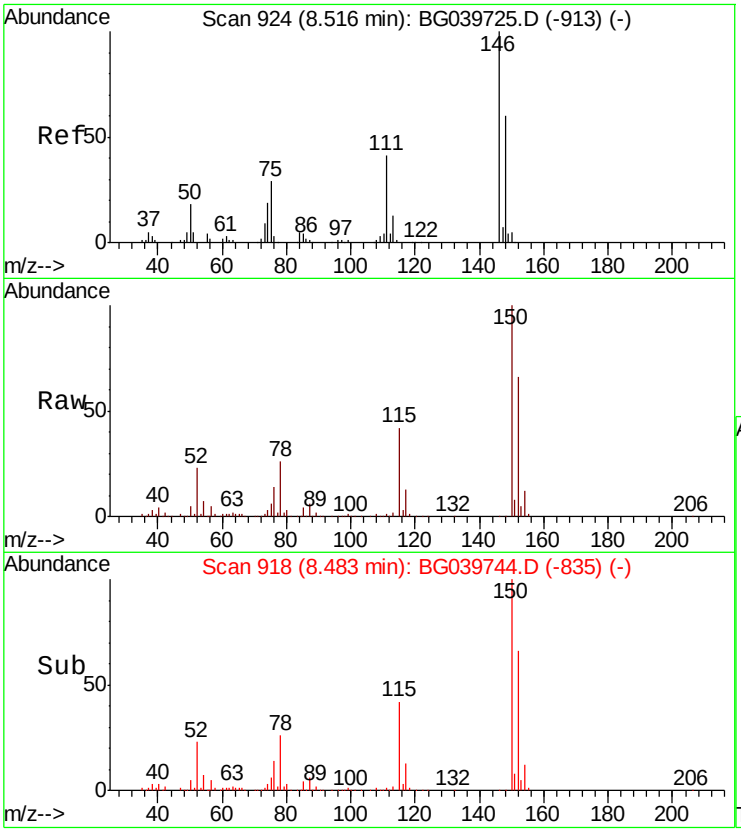




#13
1,4-Dichlorobenzene
Concen: 0.018 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.28 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:146 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 332.8 | 51.1 | 76.7# |
| 111 | 893.3 | 32.6 | 48.8# |



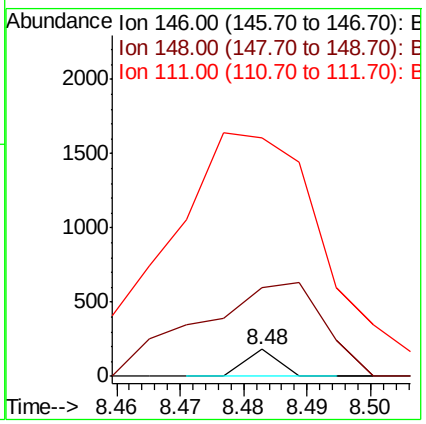


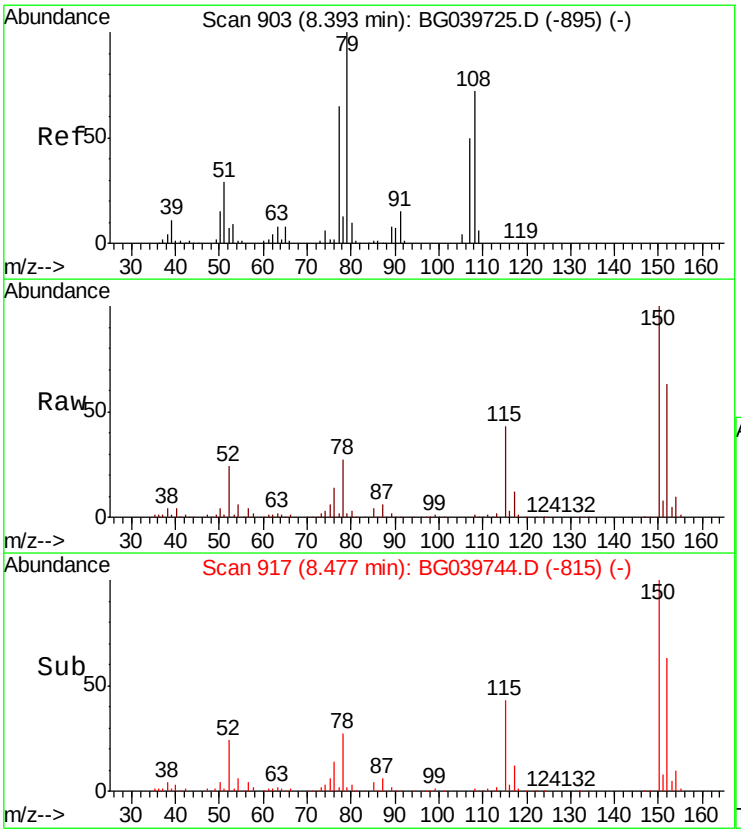

#14
1,2-Dichlorobenzene
Concen: 0.018 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.04 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:146 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 332.8 | 51.5 | 77.3# |
| 111 | 893.3 | 33.8 | 50.6# |

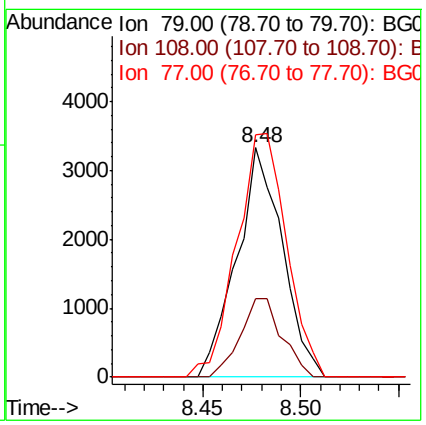


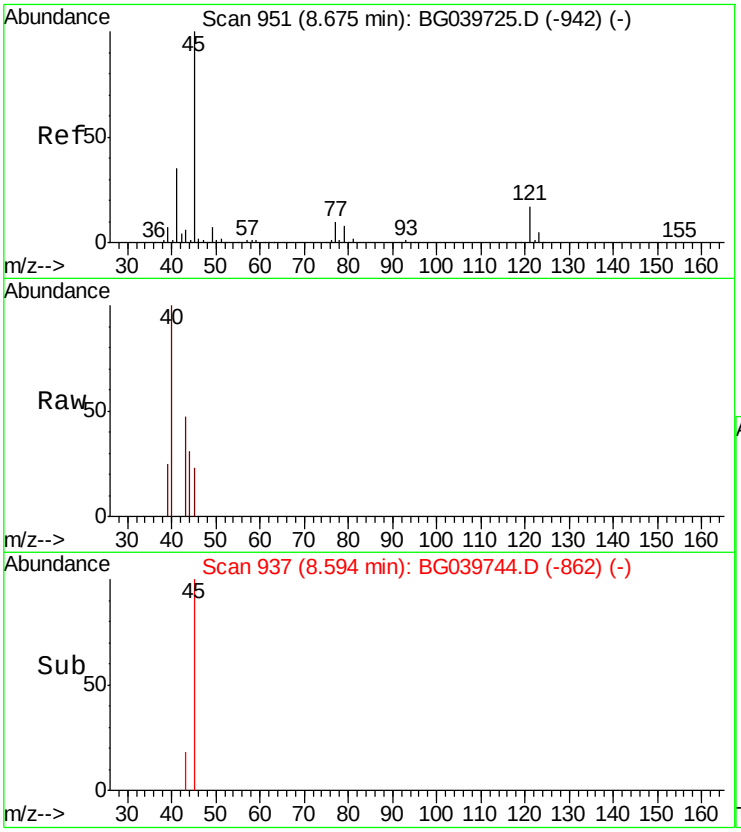




#15
Benzyl Alcohol
Concen: 1.798 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.07 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 79 Resp: 5386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 34.5 | 57.8 | 86.6# |
| 77 | 105.7 | 51.1 | 76.7# |



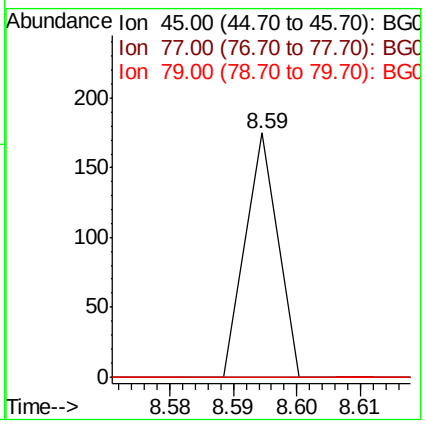


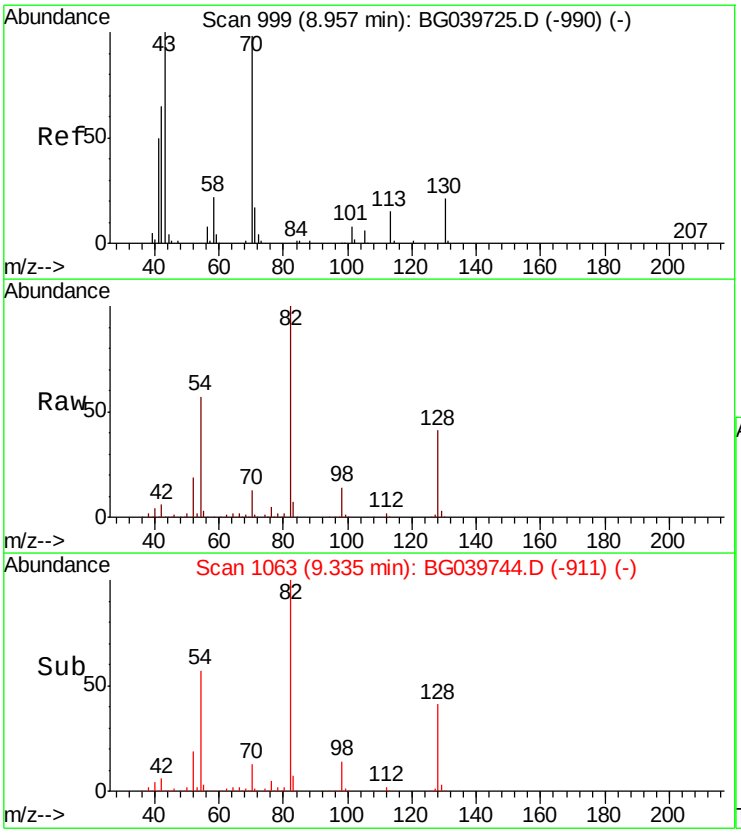

#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.09 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion: 45 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 0.0 | 0.0 | 30.0 |
| 79 | 0.0 | 0.0 | 27.5 |

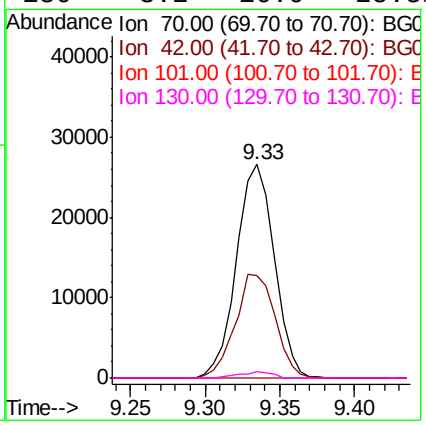


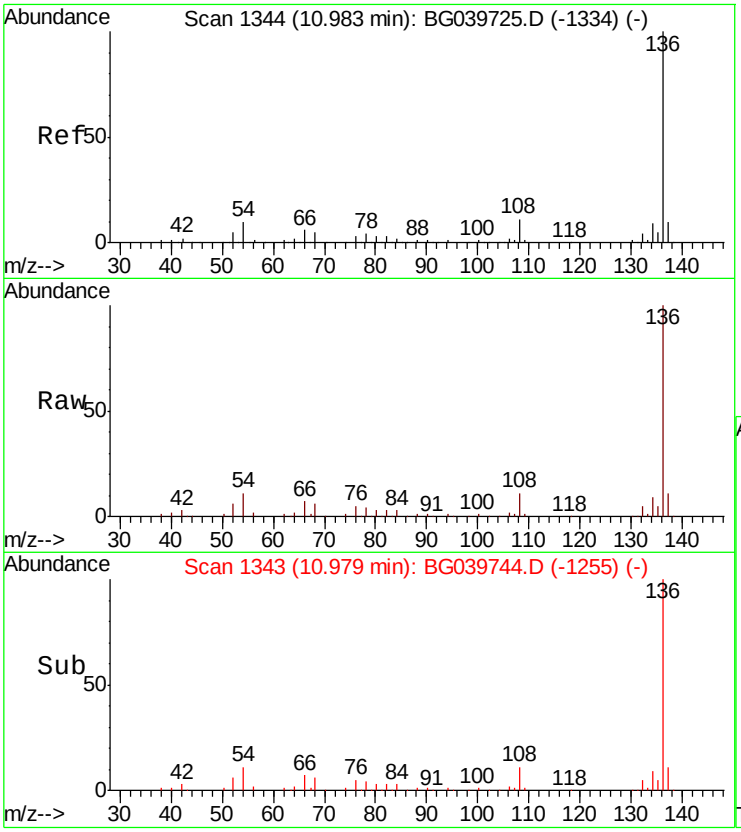




#19
n-Nitroso-di-n-propylamine
Concen: 17.216 ng
RT: 9.33 min Scan# 1063
Delta R.T. 0.37 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 70 Resp: 46794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 47.7 | 60.4 | 90.6# |
| 101 | 0.0 | 7.5 | 11.3# |
| 130 | 3.2 | 16.9 | 25.3# |



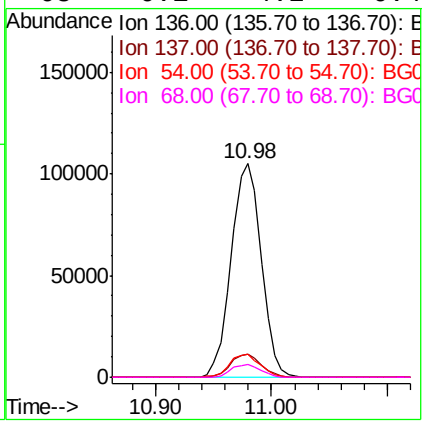


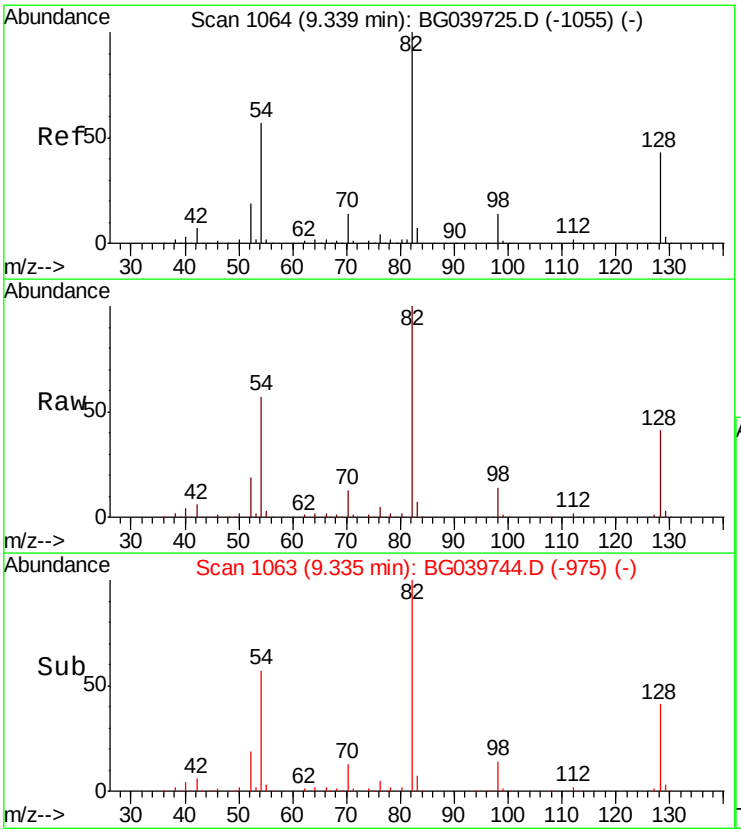

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :** BNA_G
**ClientSampleId :** SB-B-11-14

Tgt Ion:136 Resp: 189391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.1 | 13.7 |
| 54 | 10.7 | 9.4 | 14.2 |
| 68 | 6.1 | 4.2 | 6.4 |

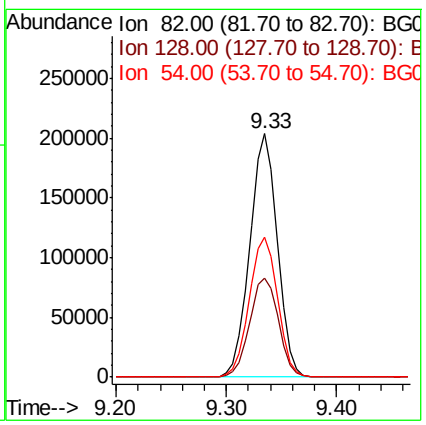


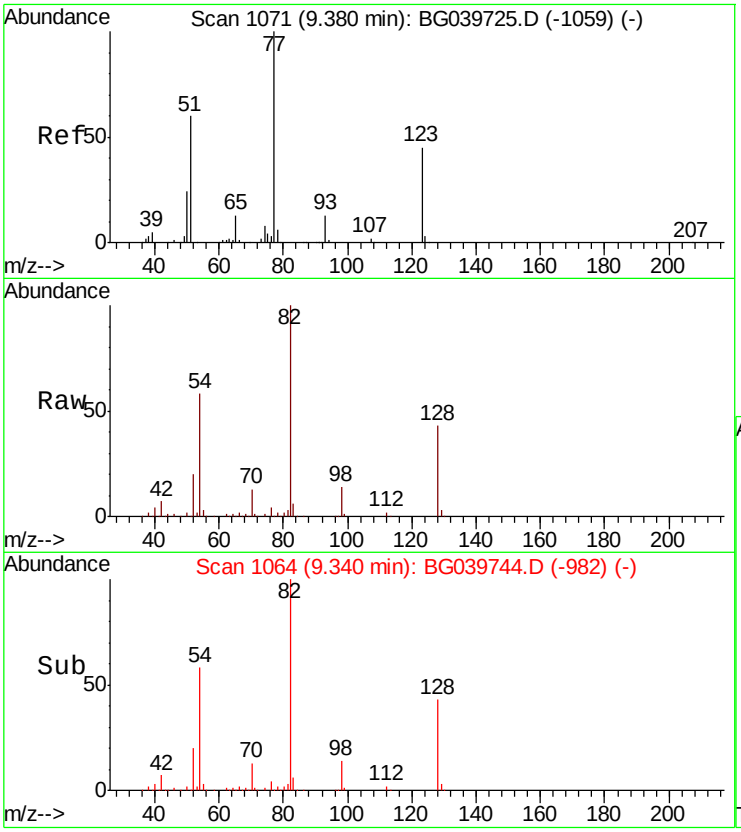




#23
Nitrobenzene-d5
Concen: 102.214 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 82 Resp: 357931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.9 | 31.3 | 46.9 |
| 54 | 57.4 | 50.9 | 76.3 |



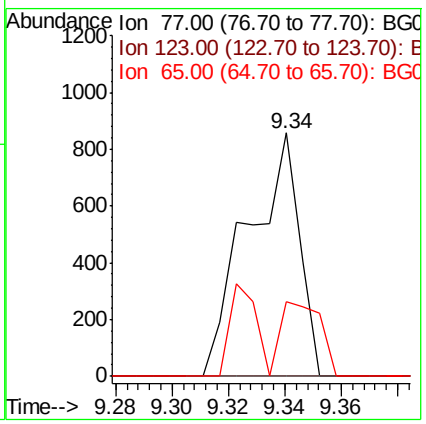


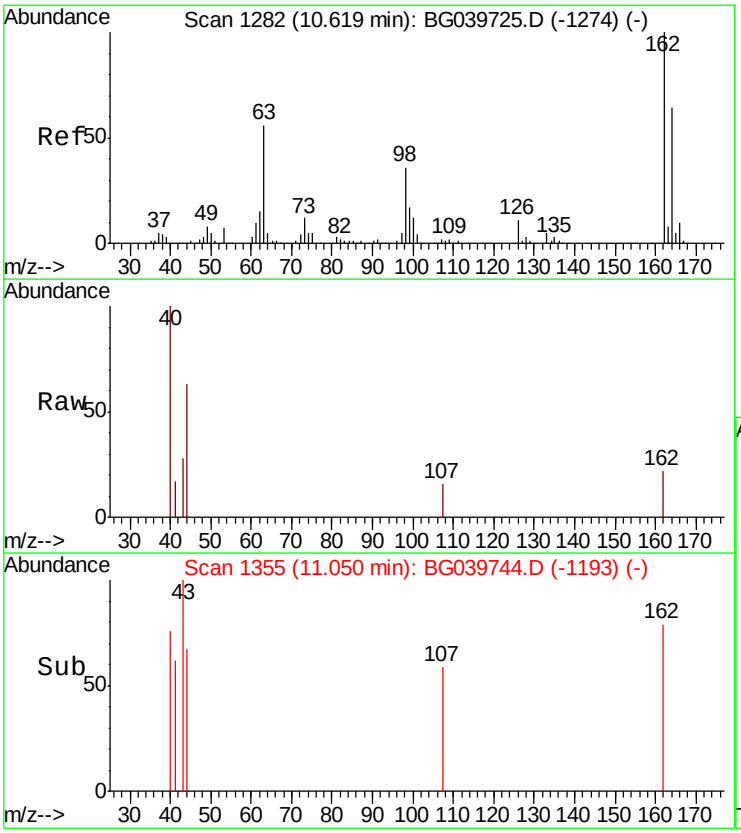

#24
Nitrobenzene
Concen: 0.294 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion: 77 Resp: 1080

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 34.1 | 51.1# |
| 65 | 30.5 | 12.3 | 18.5# |

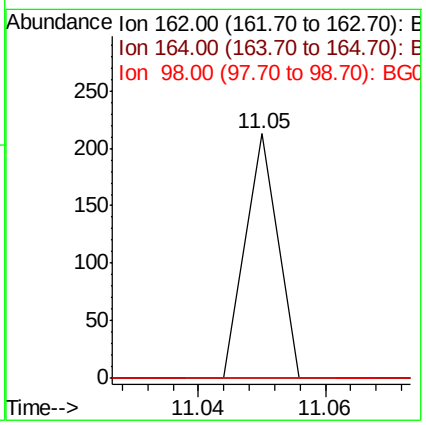


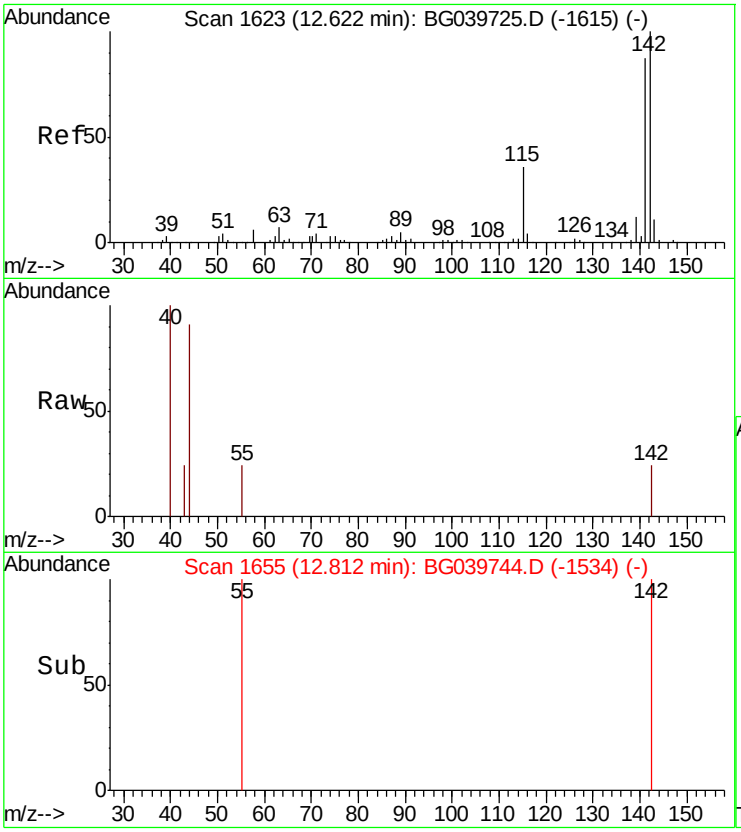




#29
2,4-Dichlorophenol
Concen: 0.024 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.42 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:162 Resp: 75

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 0.0 | 48.1 | 88.1# |
| 98 | 0.0 | 18.1 | 58.1# |



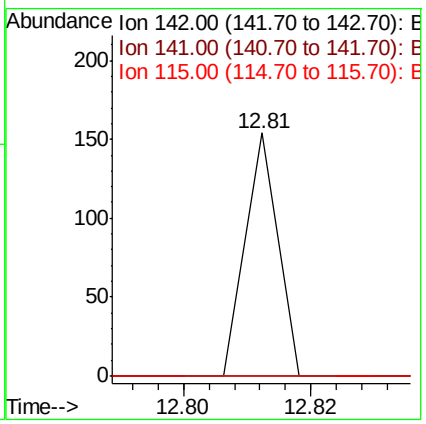


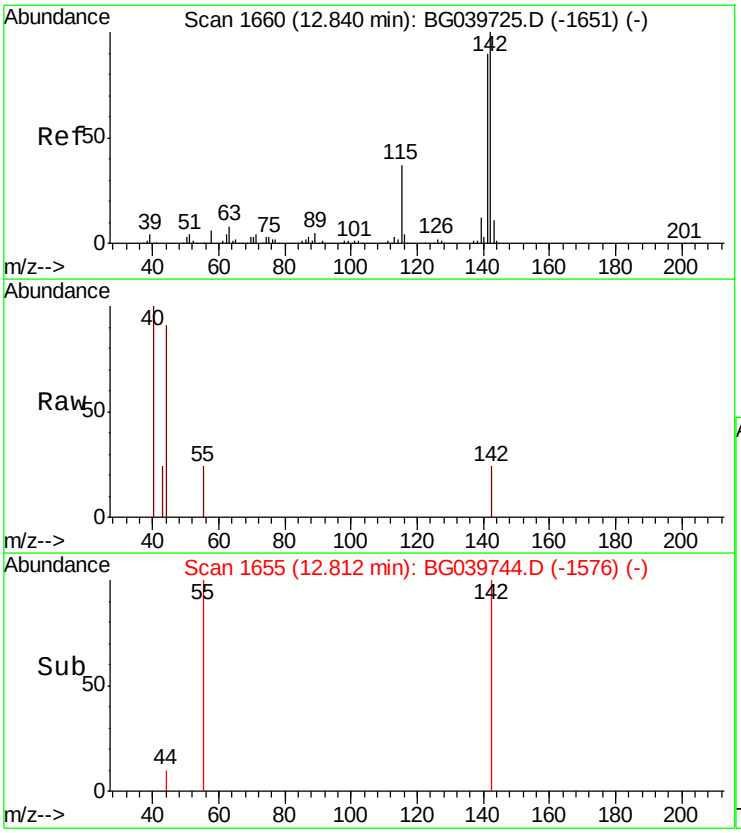

#37
2-Methylnaphthalene
Concen: 0.007 ng
RT: 12.81 min Scan# 1655
Delta R.T. 0.18 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:142 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 0.0 | 73.5 | 110.3# |
| 115 | 0.0 | 30.8 | 46.2# |

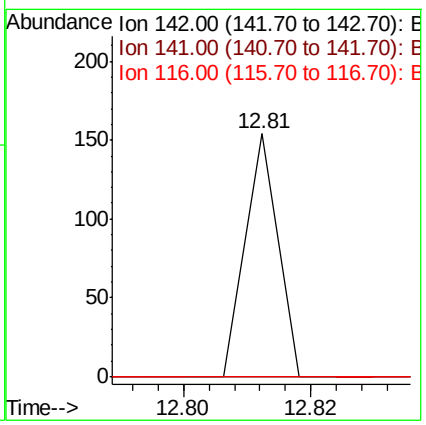


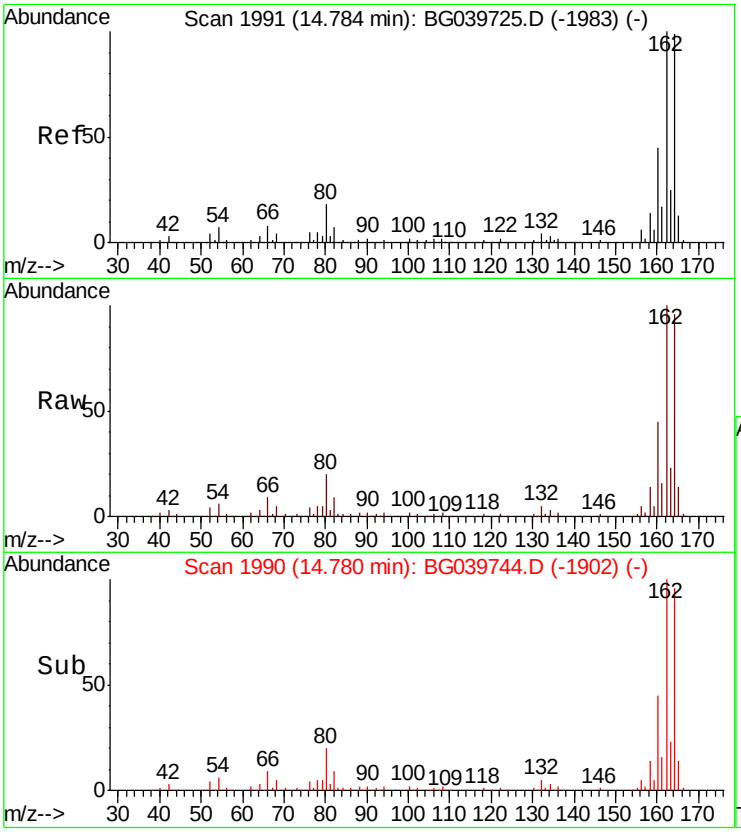




#38
1-Methylnaphthalene
Concen: 0.007 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.03 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:142 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 0.0 | 74.2 | 111.4# |
| 116 | 0.0 | 3.0 | 4.6# |



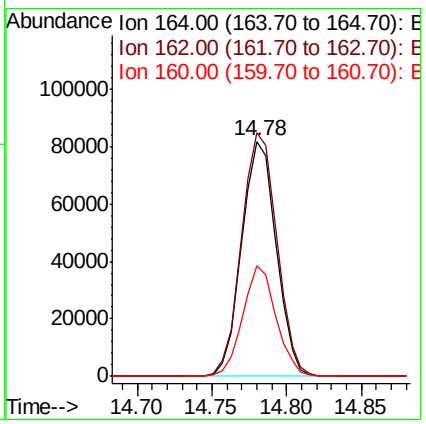


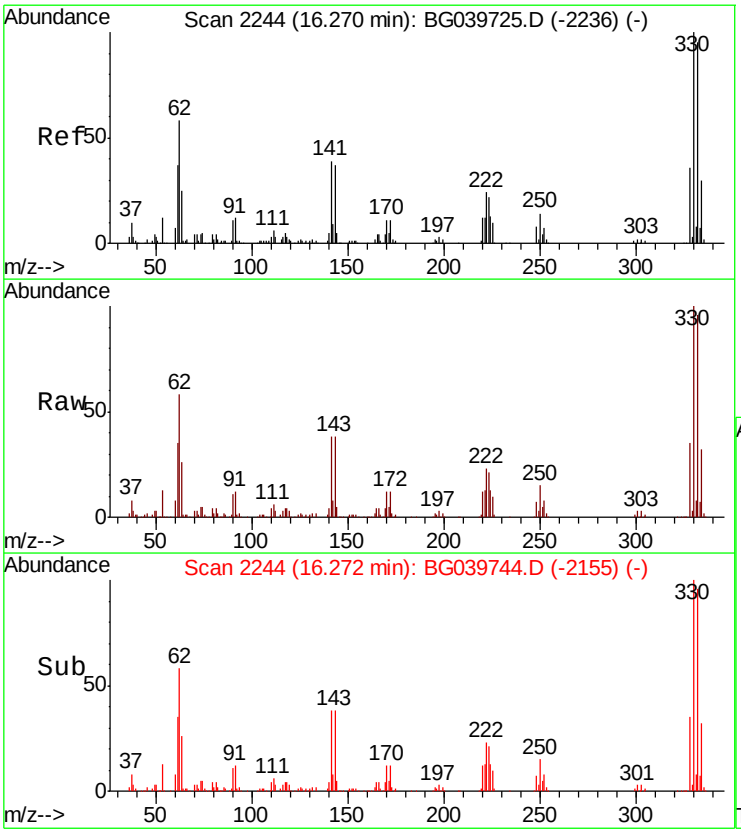

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:164 Resp: 130398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.6 | 81.6 | 122.4 |
| 160 | 47.1 | 34.2 | 51.2 |

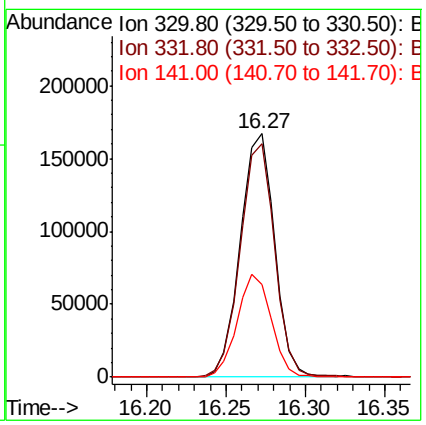


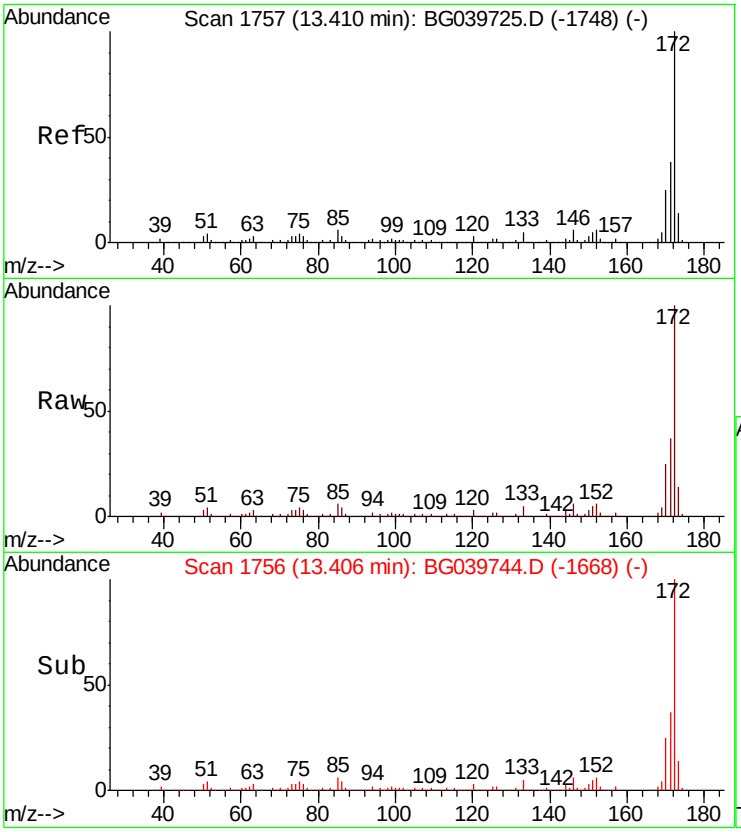




#42
2,4,6-Tribromophenol
Concen: 165.437 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:330 Resp: 251445

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.3 | 75.7 | 113.5 |
| 141 | 41.9 | 35.6 | 53.4 |



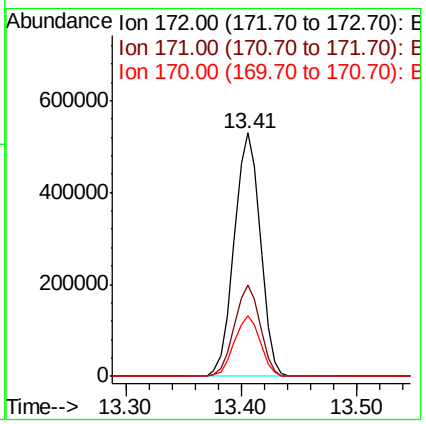


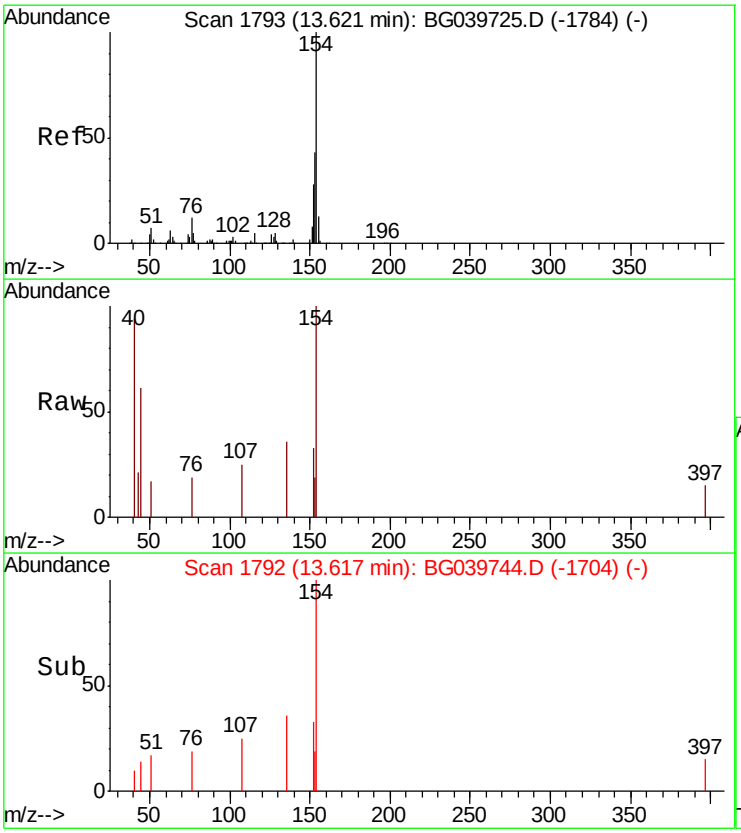

#45
2-Fluorobiphenyl
Concen: 90.250 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:172 Resp: 826537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.3 | 30.8 | 46.2 |
| 170 | 25.0 | 20.2 | 30.4 |

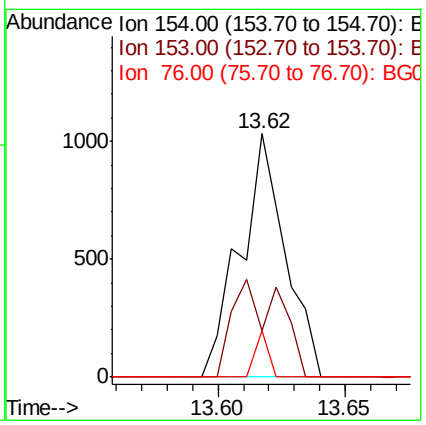


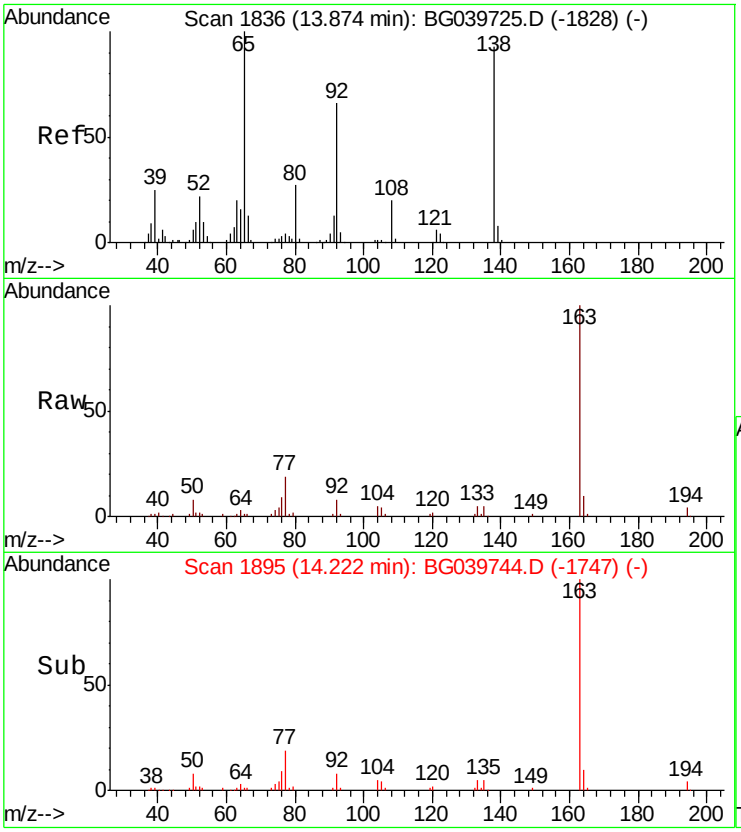




#46
1,1'-Biphenyl
Concen: 0.120 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:154 Resp: 1283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 19.2 | 22.1 | 62.1# |
| 76 | 19.3 | 0.0 | 32.4 |



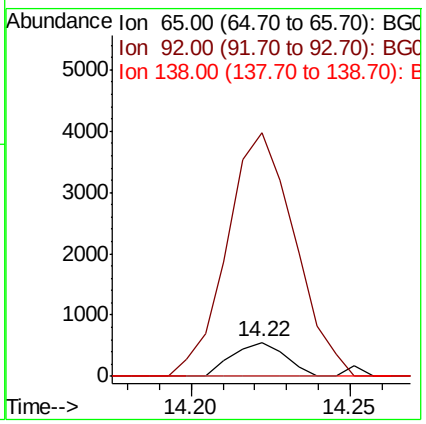


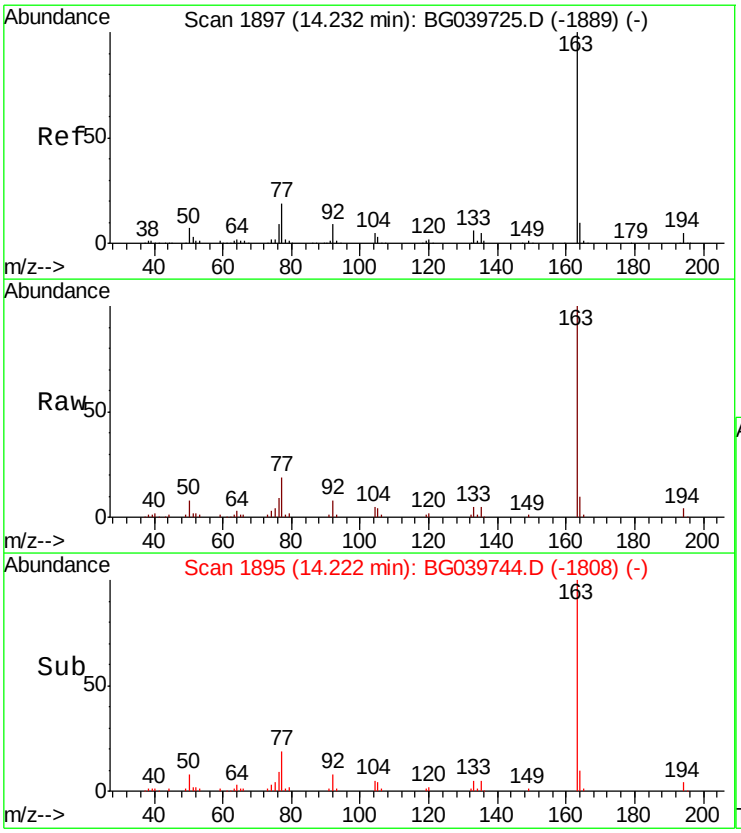

#48
2-Nitroaniline
Concen: 0.248 ng
RT: 14.22 min Scan# 1895
Delta R.T. 0.34 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion: 65 Resp: 642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 722.2 | 51.4 | 77.2# |
| 138 | 0.0 | 71.4 | 107.2# |

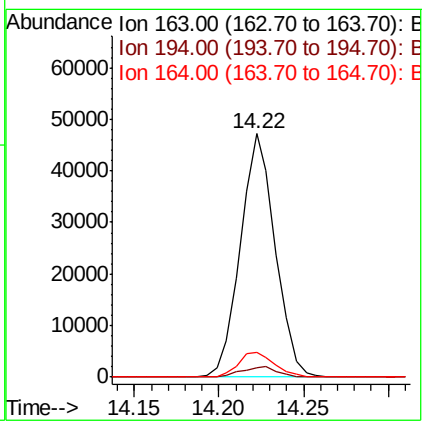


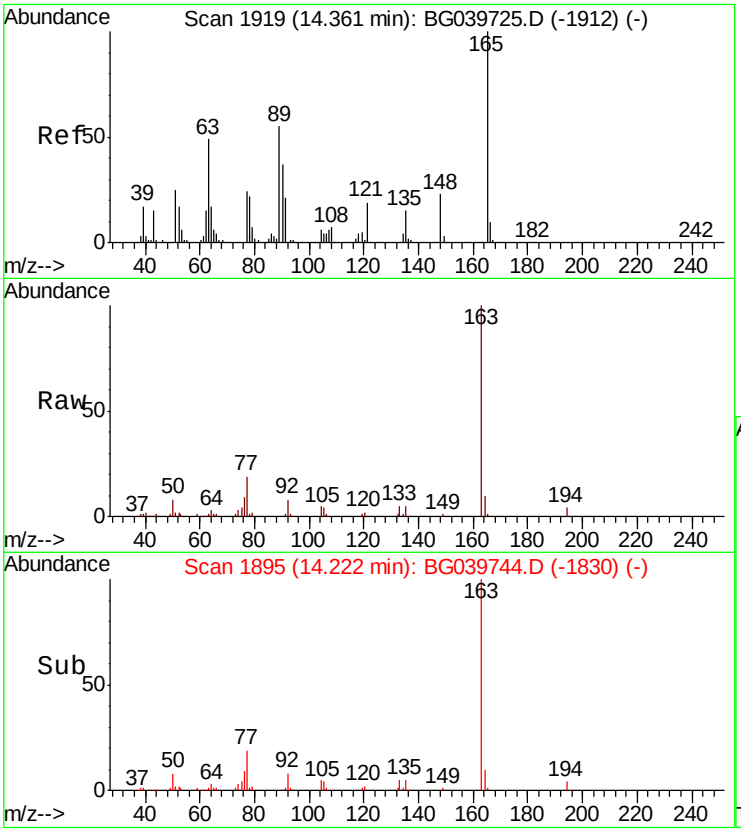




#50
Dimethylphthalate
Concen: 6.165 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:163 Resp: 67220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.6 | 5.4 |
| 164 | 10.4 | 8.4 | 12.6 |



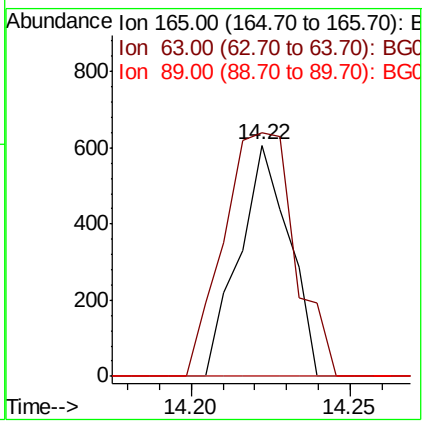


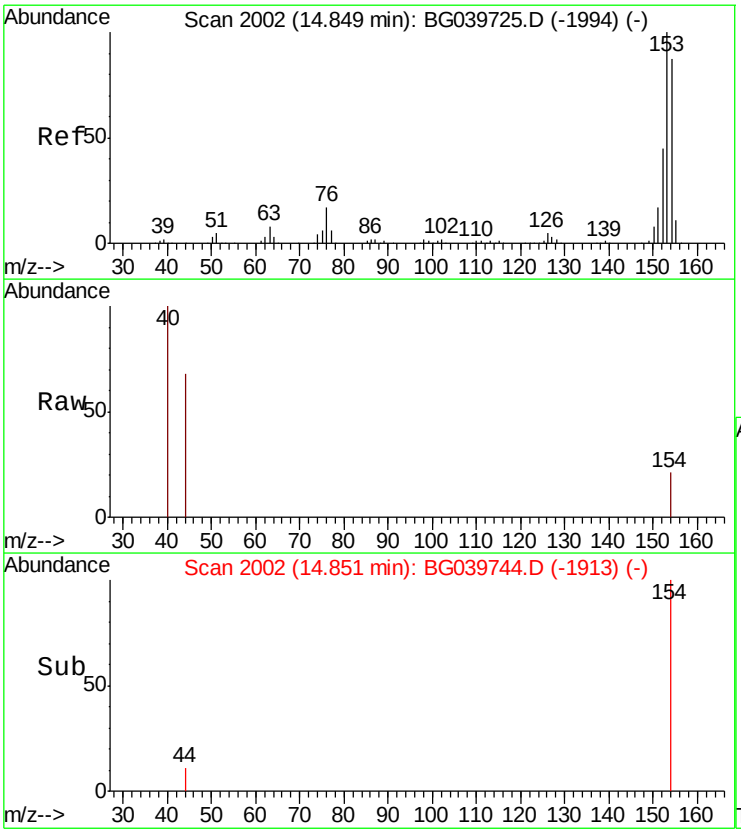

#51
2,6-Dinitrotoluene
Concen: 0.287 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.15 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:165 Resp: 663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 105.3 | 47.0 | 70.6# |
| 89 | 0.0 | 45.8 | 68.8# |

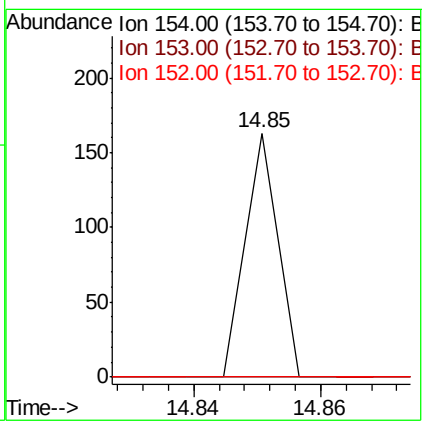


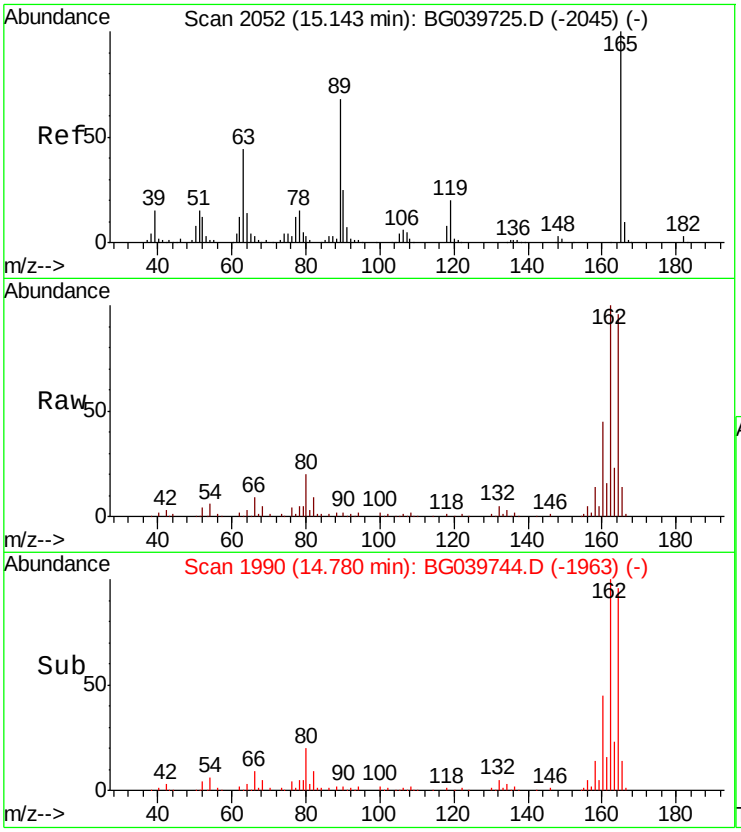




#52
Acenaphthene
Concen: 0.007 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:154 Resp: 57

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 90.1 | 135.1# |
| 152 | 0.0 | 40.9 | 61.3# |



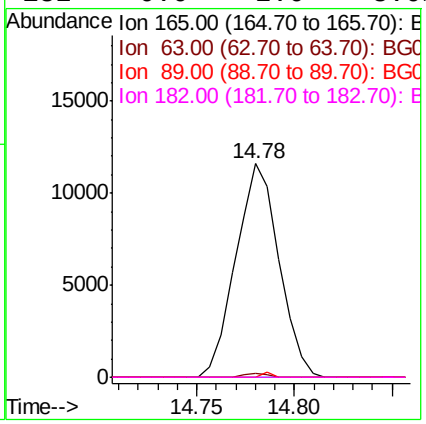


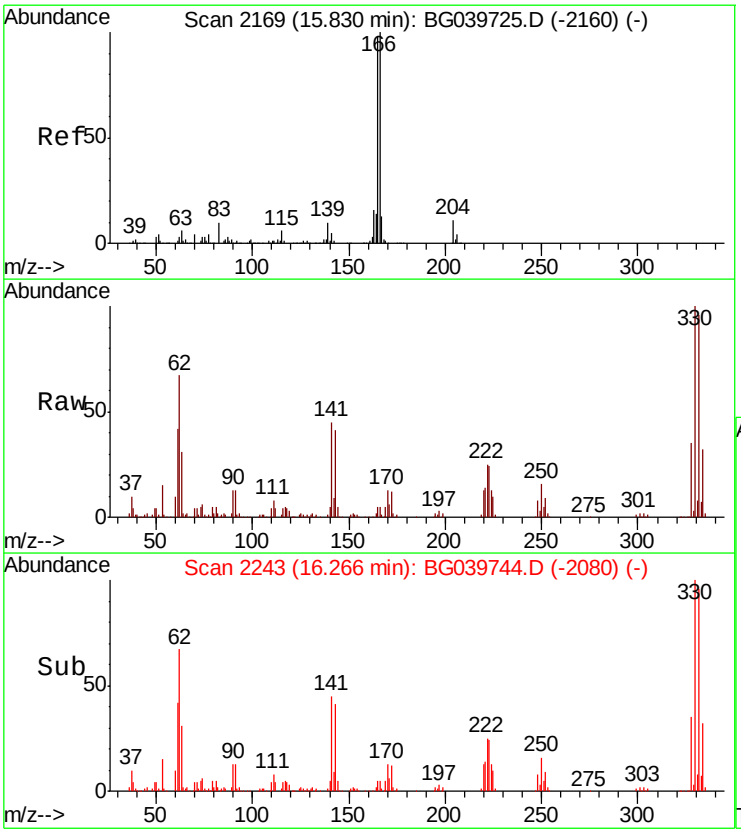

#57
2,4-Dinitrotoluene
Concen: 5.448 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.37 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:165 Resp: 17696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.0 | 41.0 | 61.6# |
| 89 | 0.0 | 64.6 | 96.8# |
| 182 | 0.0 | 2.0 | 3.0# |

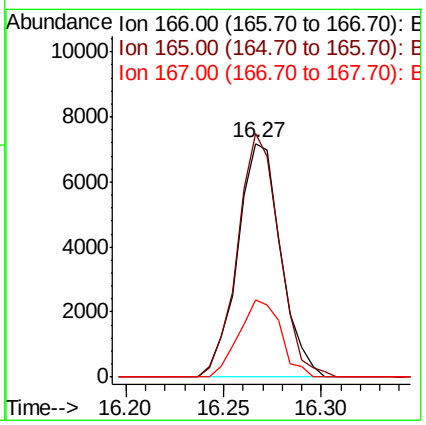


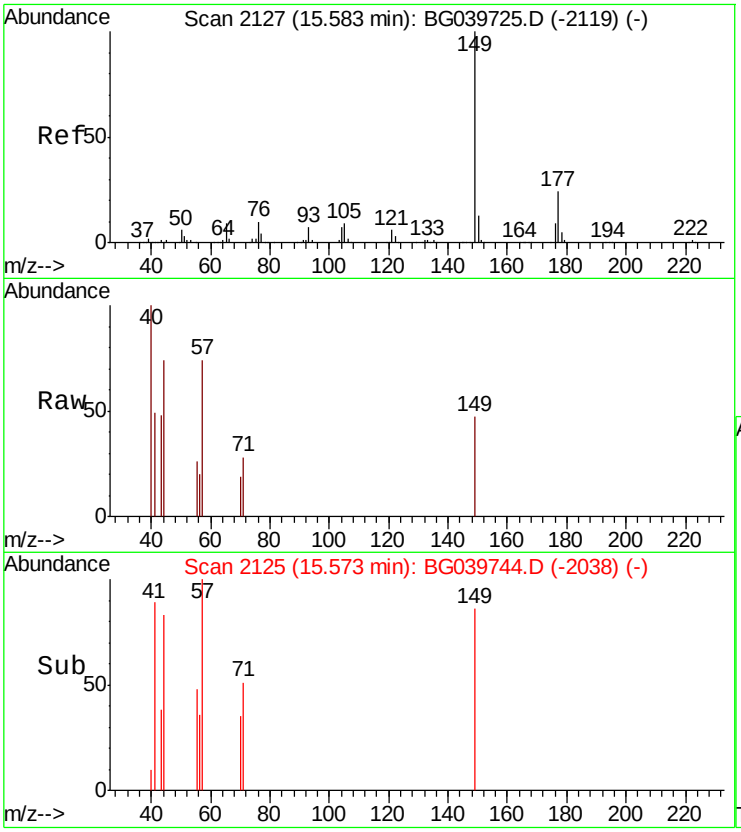




#58
Fluorene
Concen: 1.069 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.43 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:166 Resp: 10993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 104.3 | 77.9 | 116.9 |
| 167 | 32.8 | 10.8 | 16.2# |



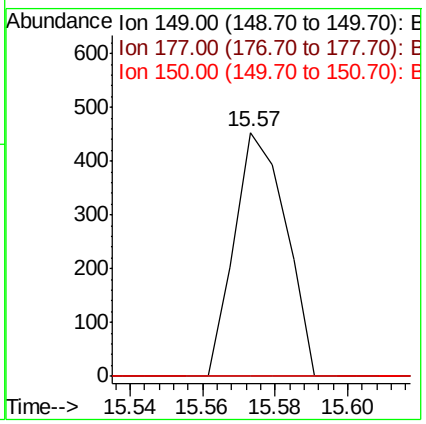


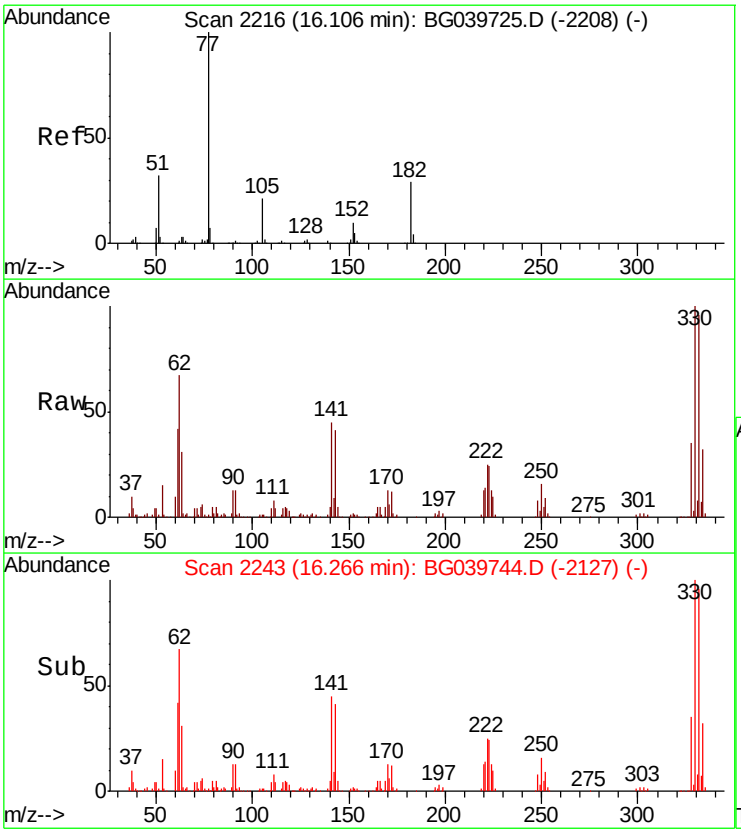

#60
Diethylphthalate
Concen: 0.041 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:149 Resp: 446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 0.0 | 18.3 | 27.5# |
| 150 | 0.0 | 10.2 | 15.2# |

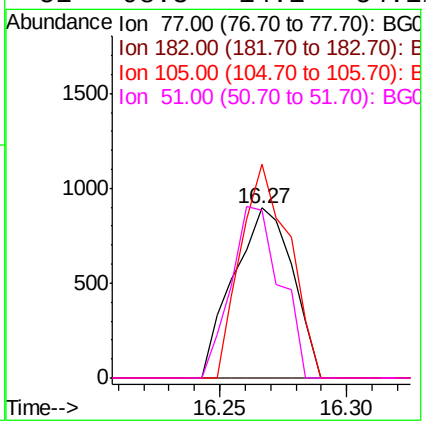


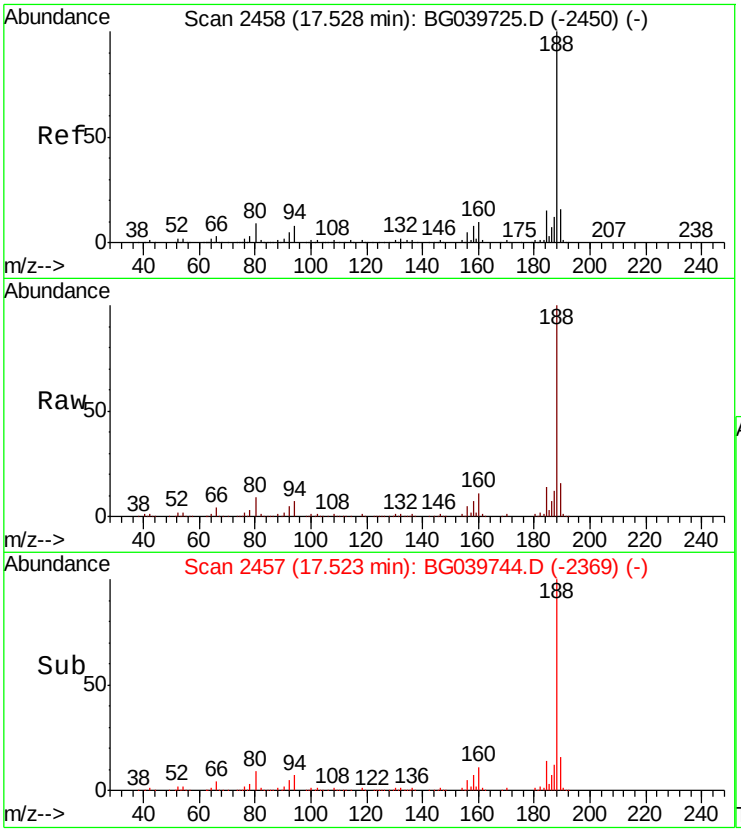




#63
Azobenzene
Concen: 0.150 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.15 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion: 77 Resp: 1464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 6.4 | 46.4# |
| 105 | 125.7 | 0.0 | 39.8# |
| 51 | 98.3 | 14.1 | 54.1# |



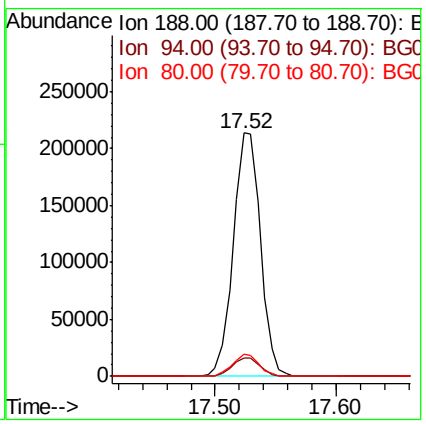


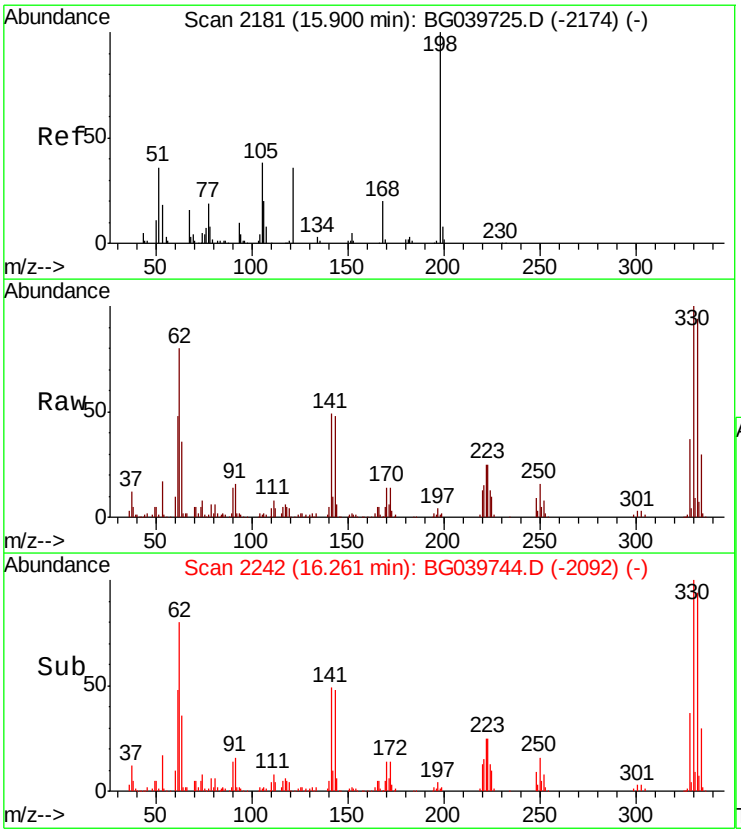

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:188 Resp: 335105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.3 | 6.9 | 10.3 |
| 80 | 9.3 | 8.1 | 12.1 |

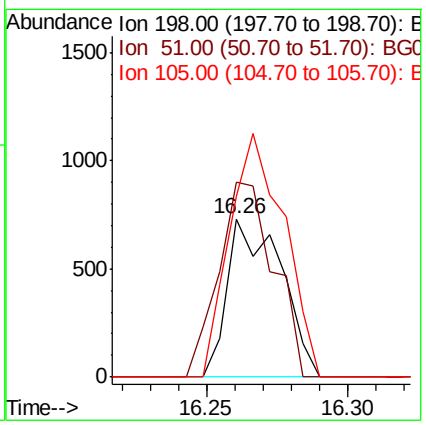


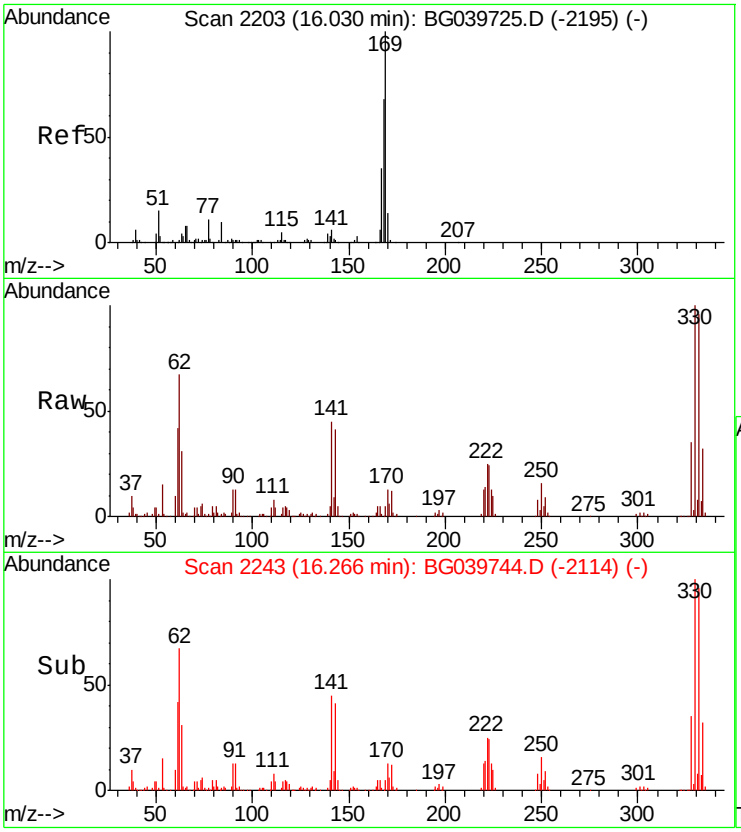




#65
4,6-Dinitro-2-methylphenol
Concen: 0.487 ng
RT: 16.26 min Scan# 2242
Delta R.T. 0.35 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:198 Resp: 965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 123.4 | 27.4 | 67.4# |
| 105 | 114.2 | 19.7 | 59.7# |



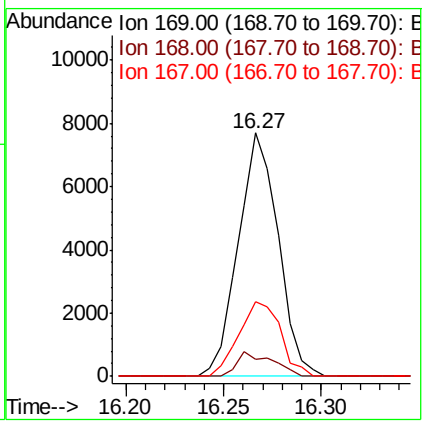


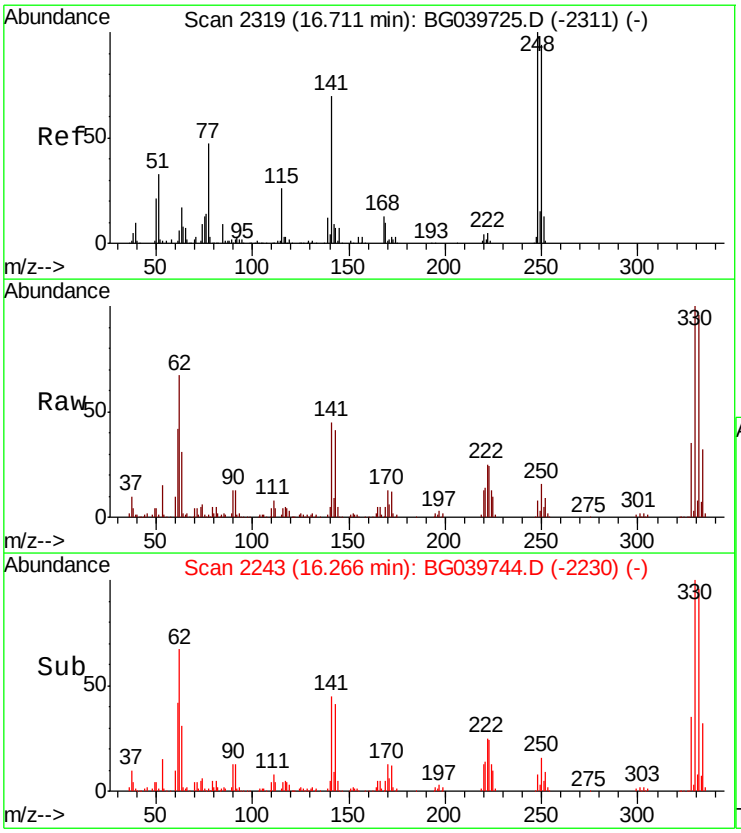

#66
n-Nitrosodiphenylamine
Concen: 1.120 ng
RT: 16.27 min Scan# 2243
Delta R.T. 0.23 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:169 Resp: 10866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 7.2 | 56.6 | 85.0# |
| 167 | 30.6 | 28.8 | 43.2 |

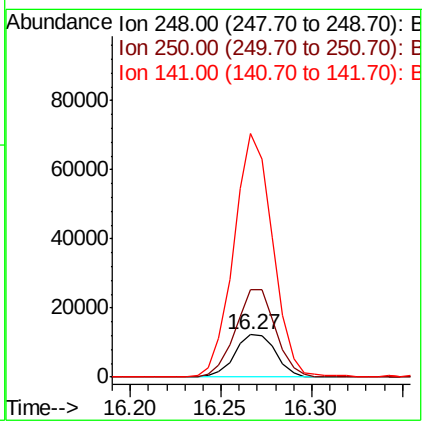


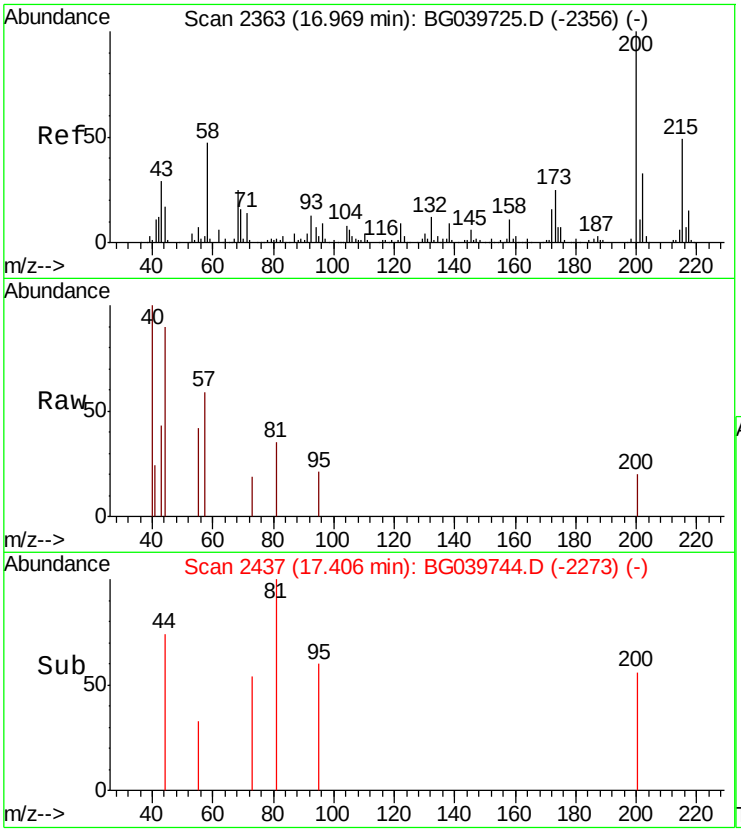




#67
4-Bromophenyl-phenylether
Concen: 5.124 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:248 Resp: 19221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 206.9 | 77.6 | 116.4# |
| 141 | 572.5 | 63.9 | 95.9# |



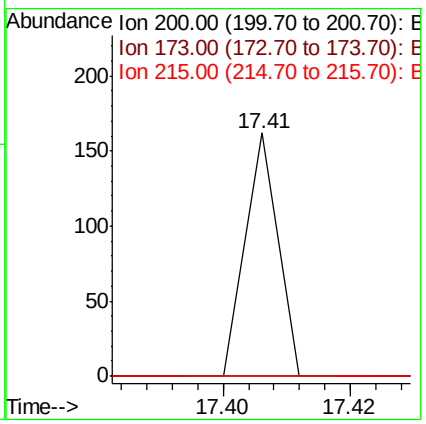


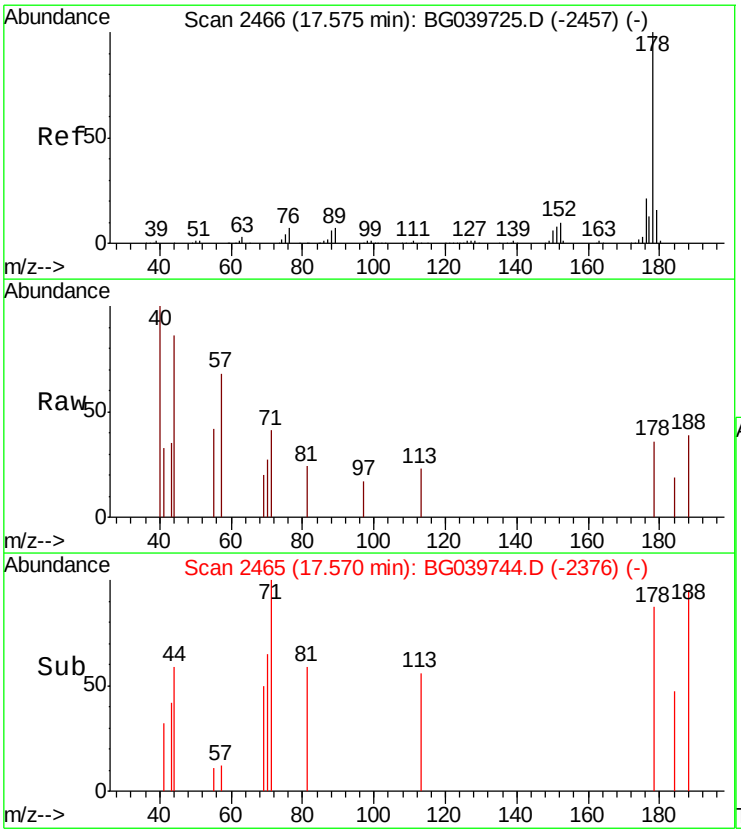

#69
Atrazine
Concen: 0.015 ng
RT: 17.41 min Scan# 2437
Delta R.T. 0.44 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:200 Resp: 57

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 0.0 | 3.9 | 43.9# |
| 215 | 0.0 | 30.9 | 70.9# |

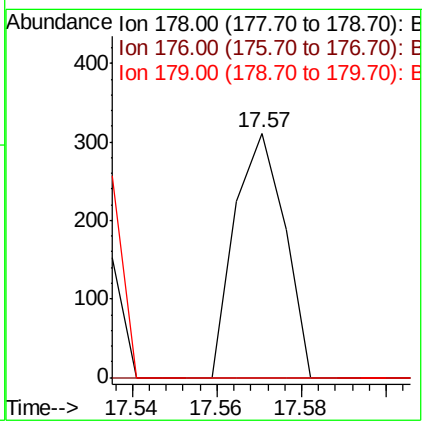


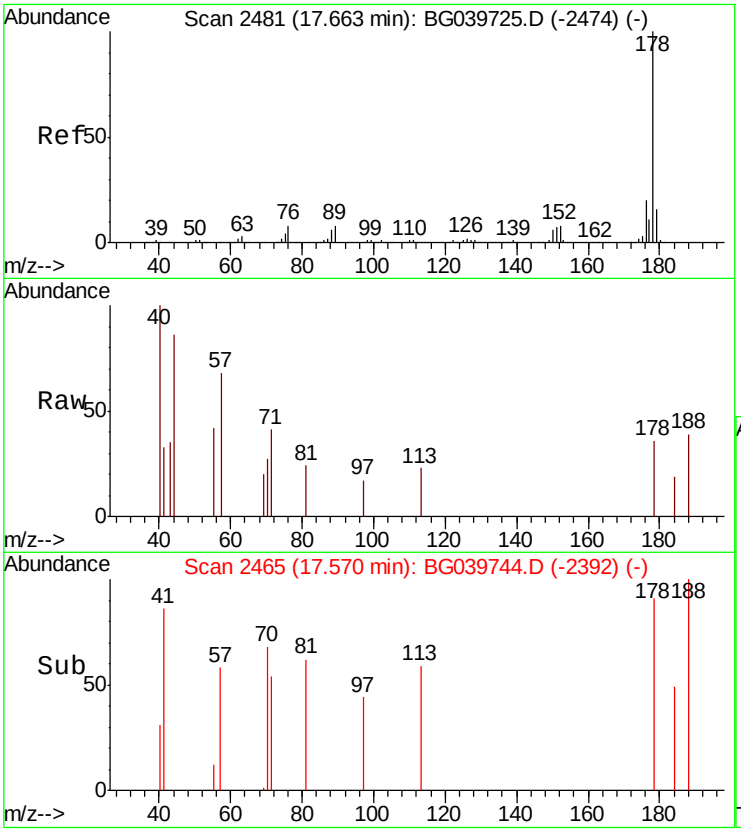




#71
Phenanthrene
Concen: 0.014 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:178 Resp: 256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 16.2 | 24.4# |
| 179 | 0.0 | 12.6 | 19.0# |



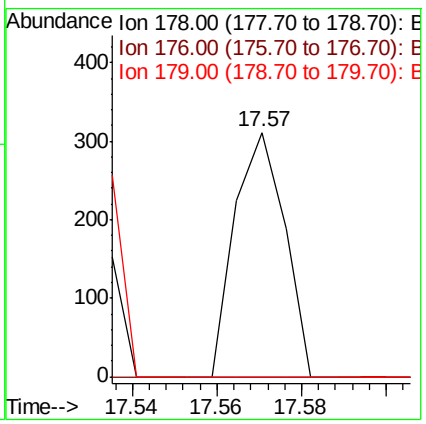


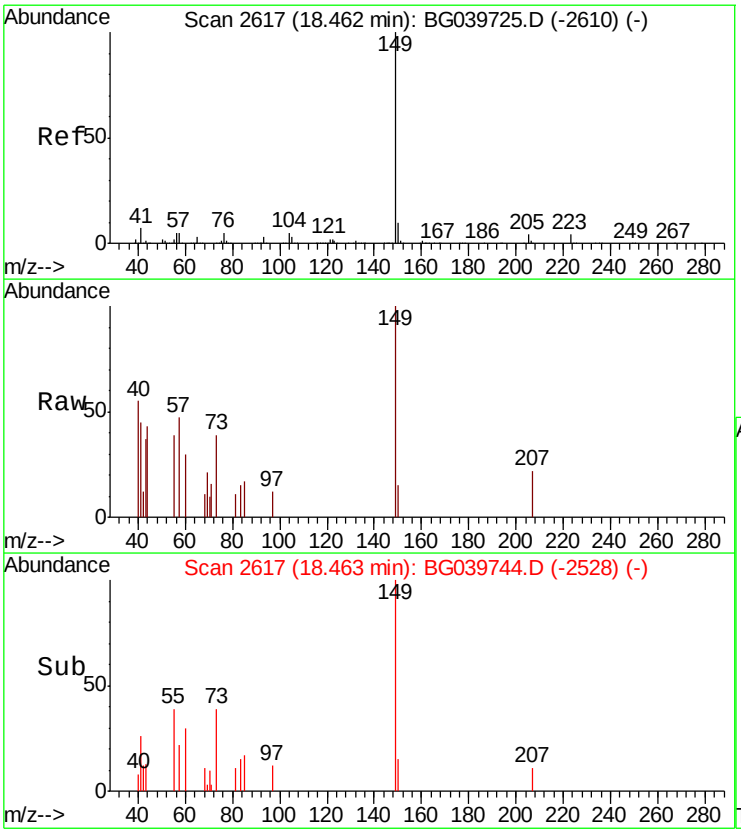

#72
Anthracene
Concen: 0.014 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.10 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:178 Resp: 256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 15.8 | 23.6# |
| 179 | 0.0 | 12.5 | 18.7# |

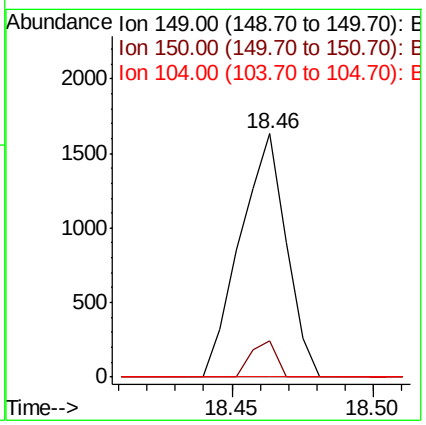


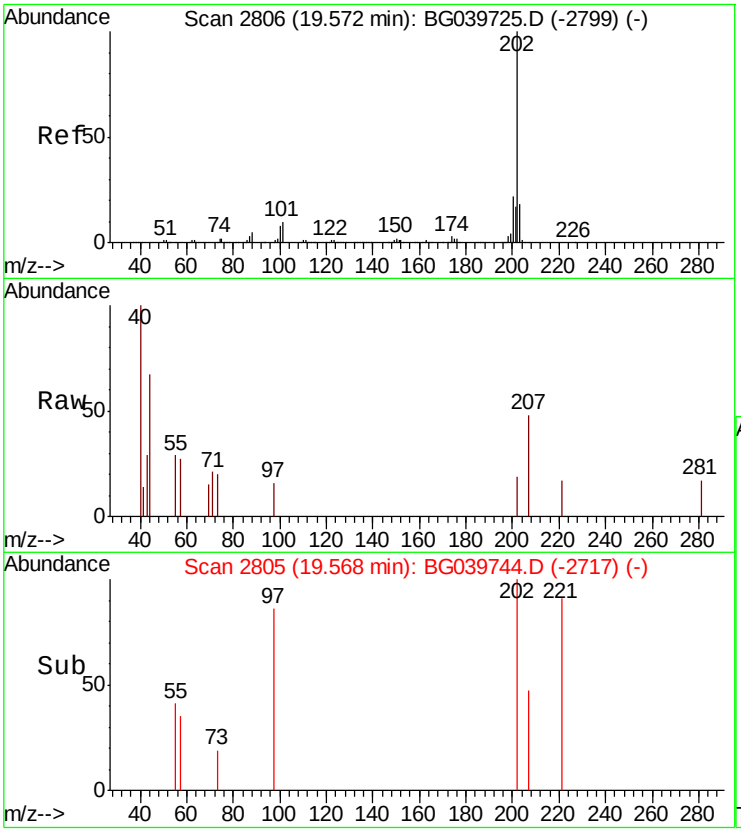




#74
Di-n-butylphthalate
Concen: 0.097 ng
RT: 18.46 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:149 Resp: 1847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 14.6 | 7.7 | 11.5# |
| 104 | 0.0 | 4.5 | 6.7# |



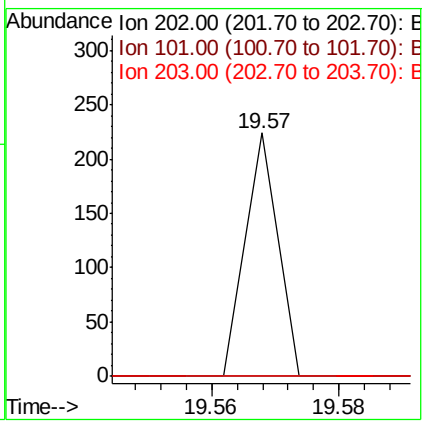


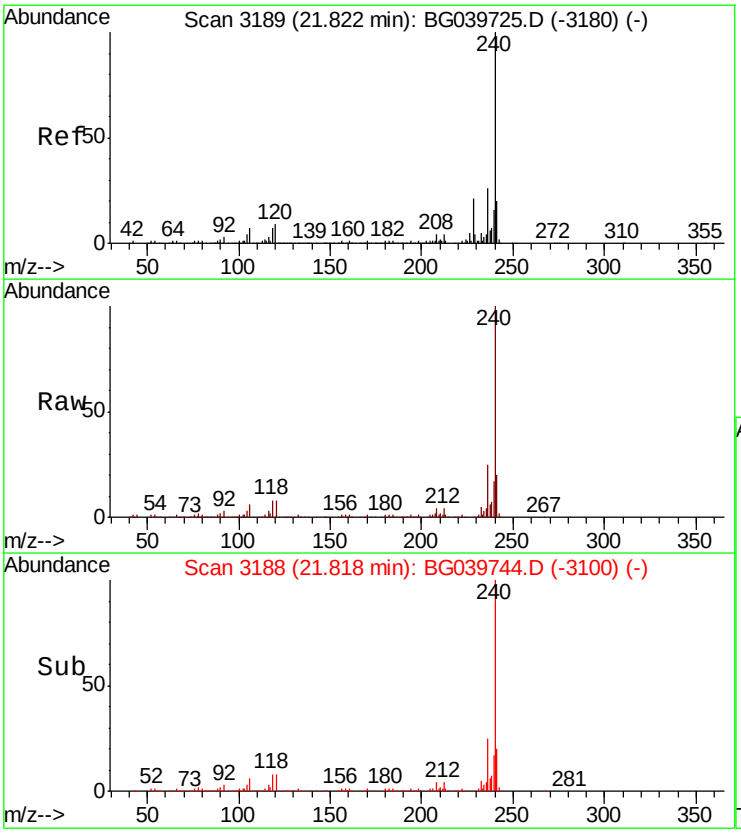

#75
Fluoranthene
Concen: 0.004 ng
RT: 19.57 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:202 Resp: 79

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 0.0 | 30.0 |
| 203 | 0.0 | 0.0 | 38.9 |

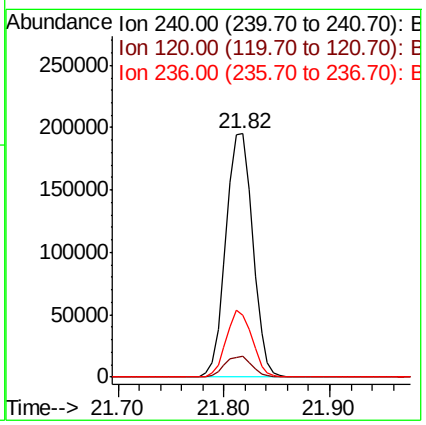


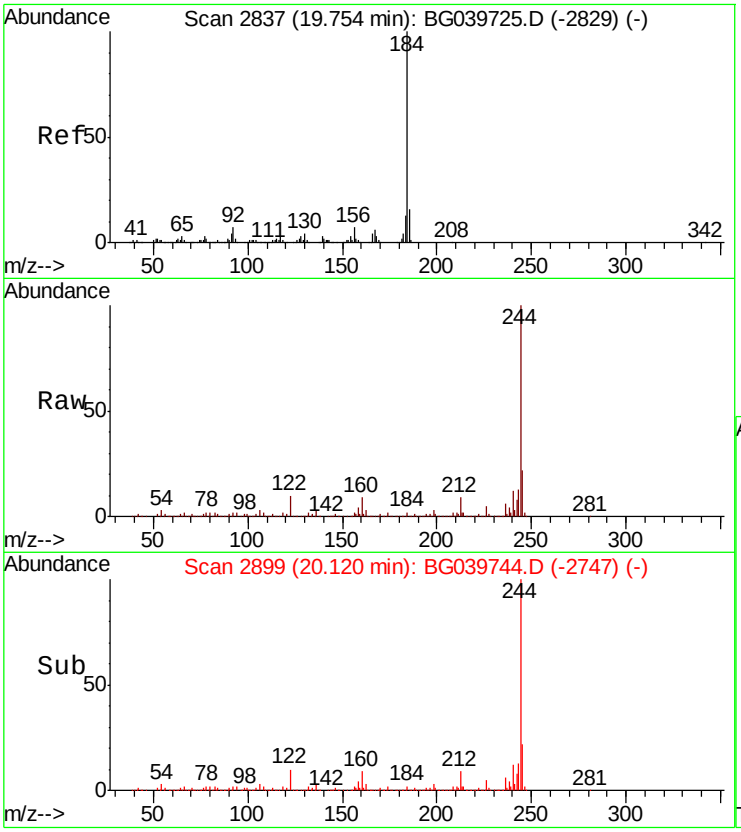




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:240 Resp: 344740

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.4 | 7.0 | 10.6 |
| 236 | 25.2 | 21.0 | 31.4 |



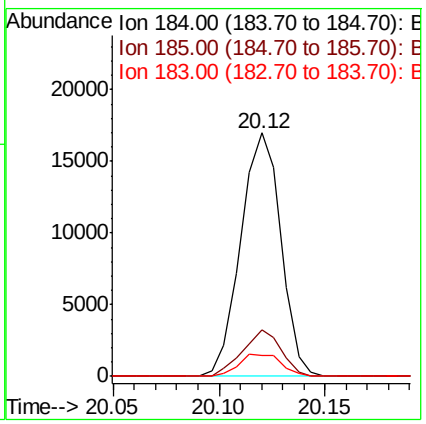


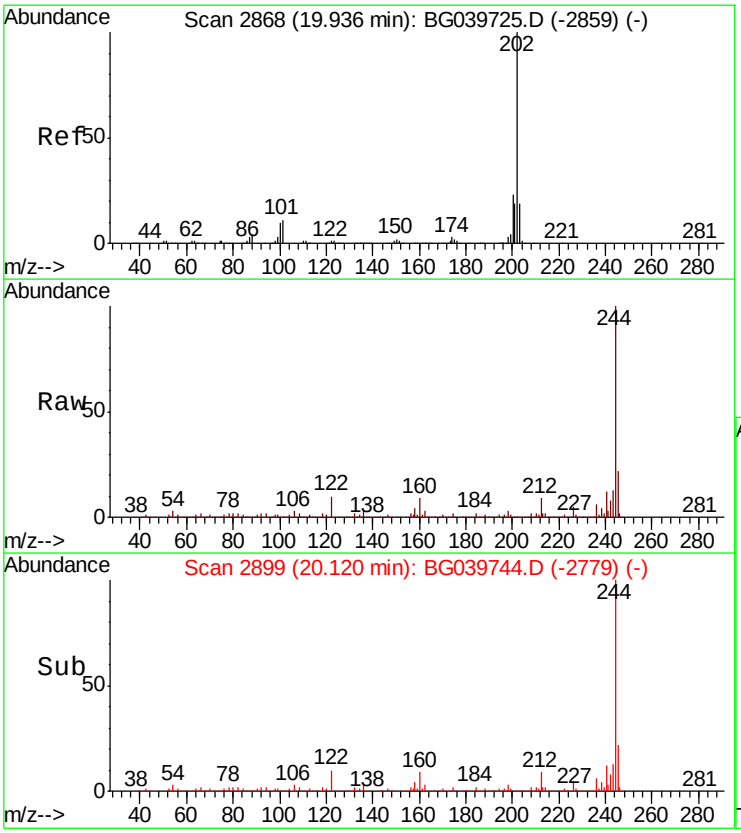

#77
Benzidine
Concen: 2.046 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.37 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:184 Resp: 22384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 19.2 | 12.2 | 18.2# |
| 183 | 8.4 | 10.6 | 15.8# |

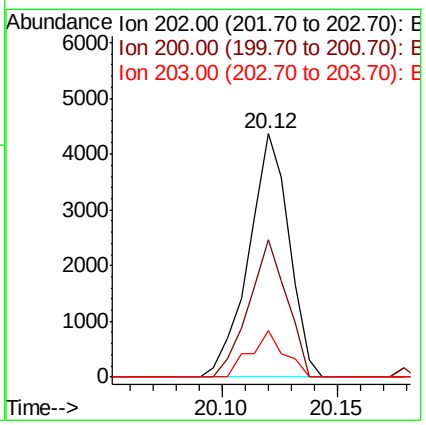


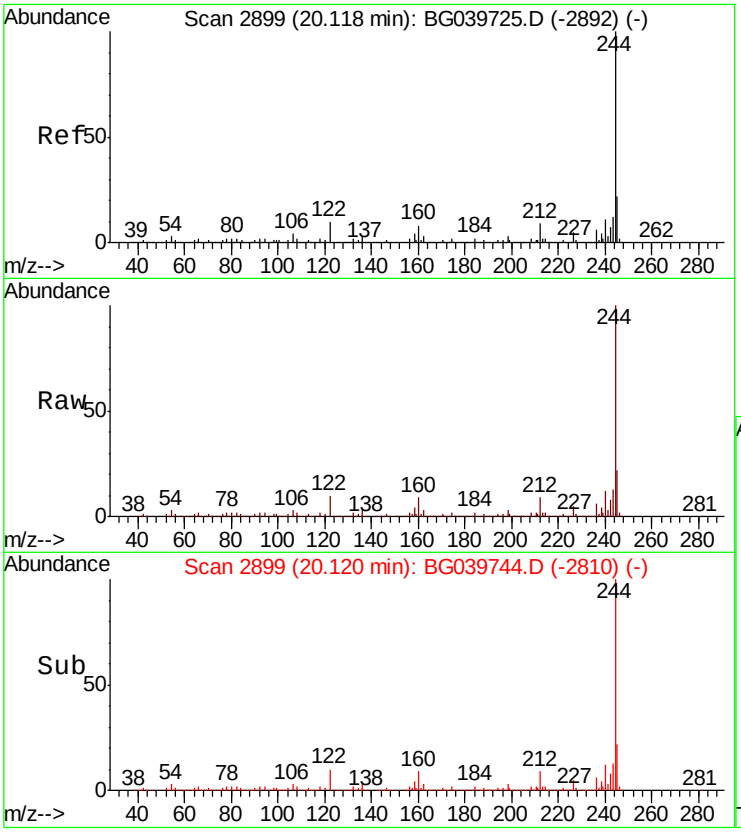




#78
Pyrene
Concen: 0.237 ng
RT: 20.12 min Scan# 2899
Delta R.T. 0.18 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:202 Resp: 5311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 56.3 | 17.8 | 26.8# |
| 203 | 18.9 | 15.3 | 22.9 |



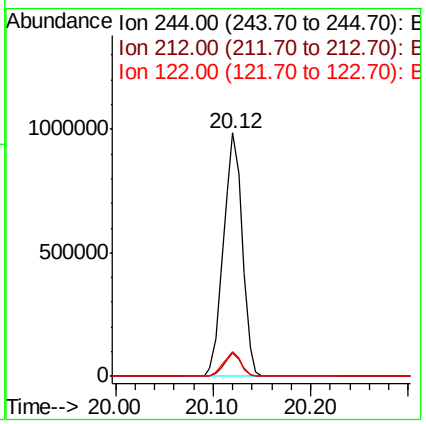


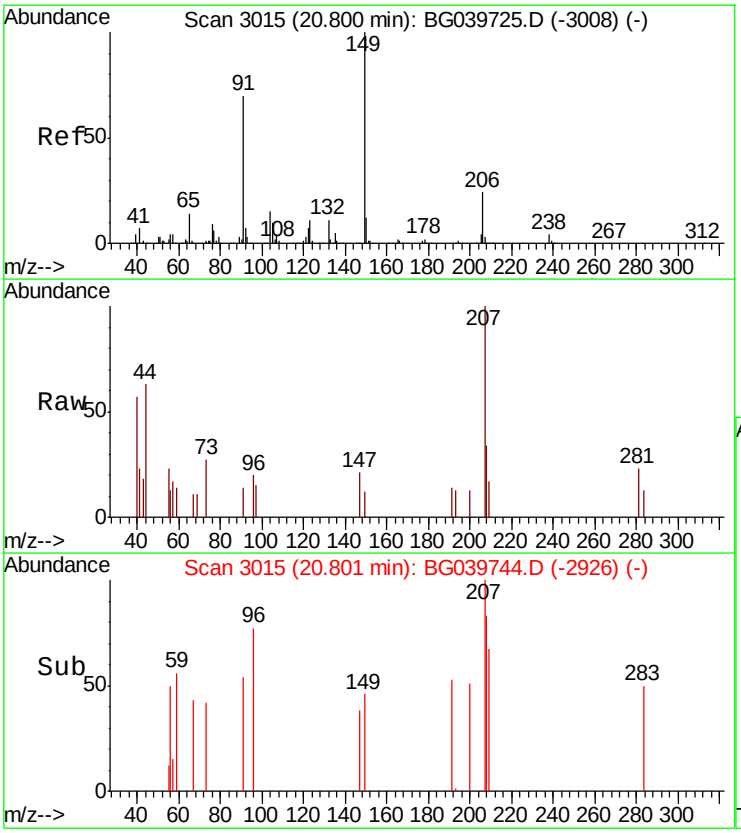

#79
Terphenyl-d14
Concen: 83.881 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:244 Resp: 1313336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.5 | 7.3 | 10.9 |
| 122 | 10.0 | 8.4 | 12.6 |

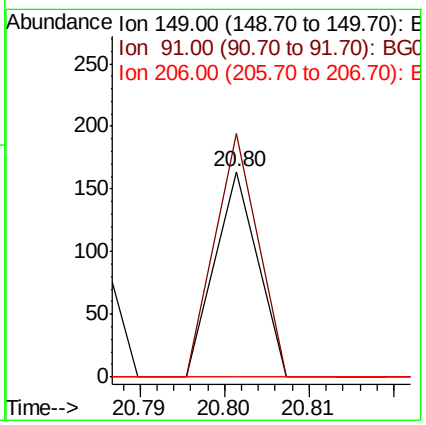


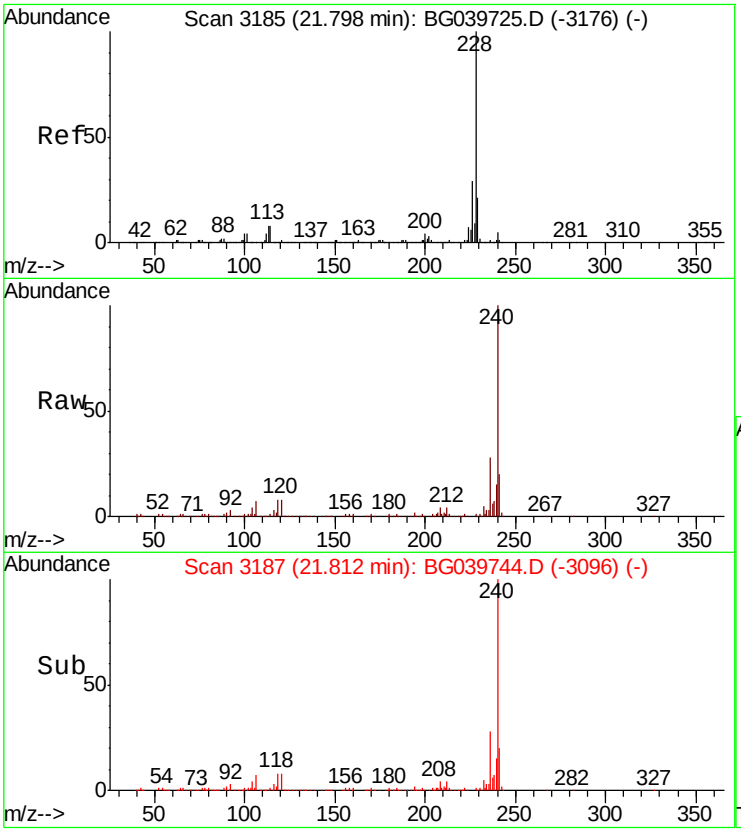




#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.80 min Scan# 3015
Delta R.T. -0.00 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:149 Resp: 58

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 118.3 | 59.5 | 89.3# |
| 206 | 0.0 | 18.6 | 27.8# |



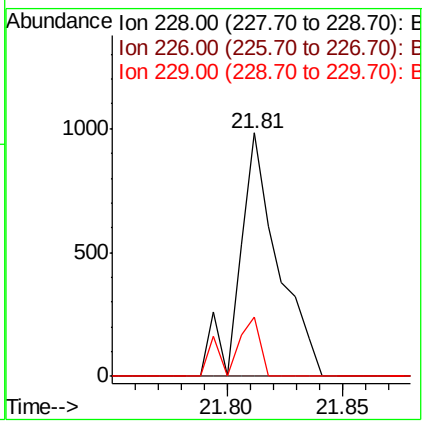


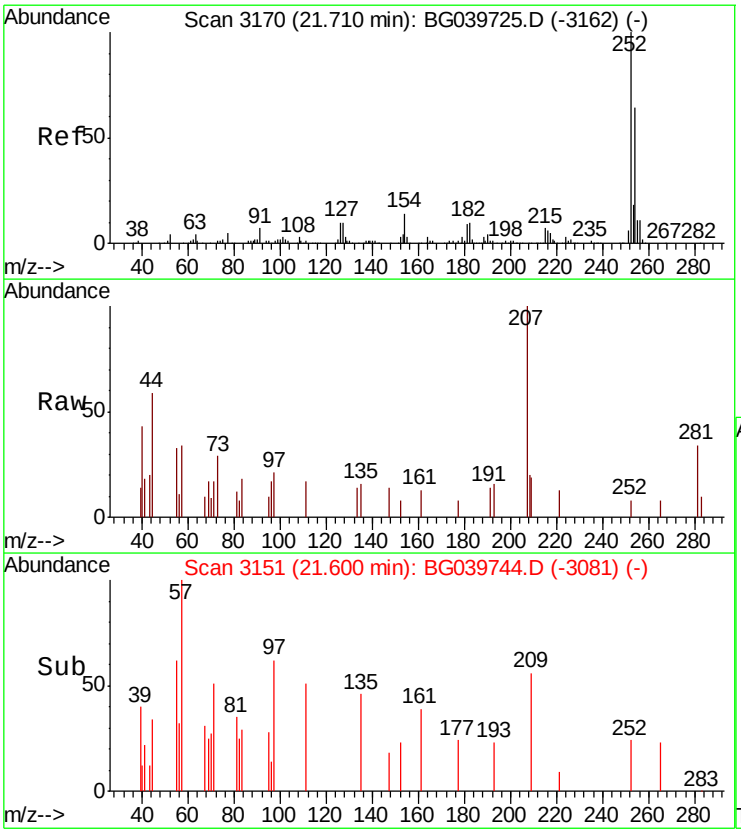

#81
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:228 Resp: 1142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 23.0 | 34.6# |
| 229 | 24.4 | 16.9 | 25.3 |

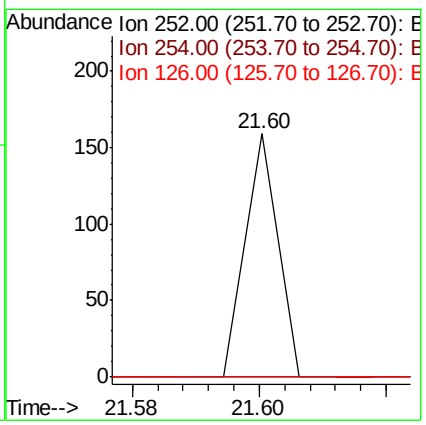


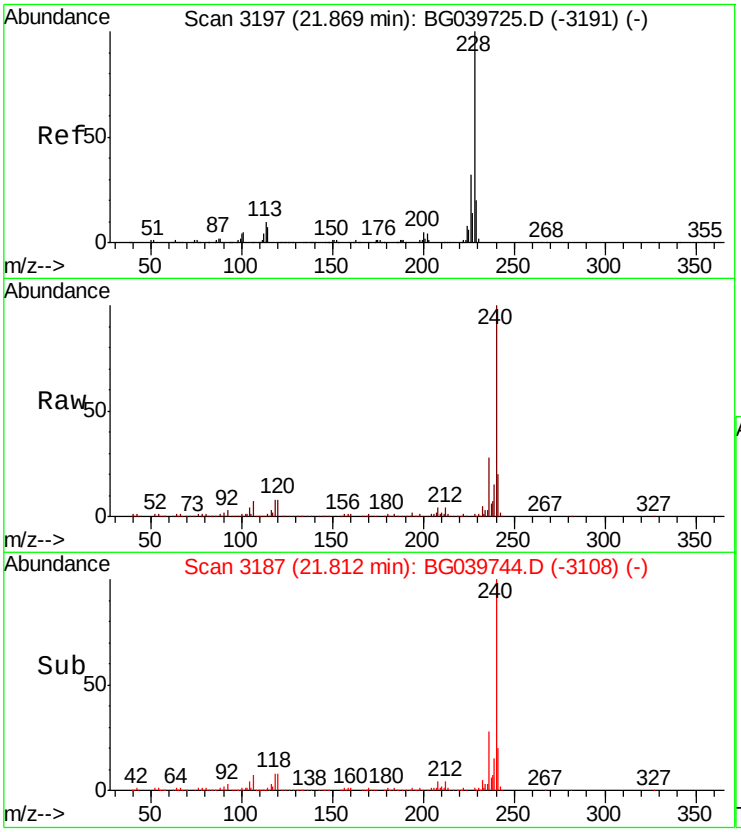




#82
3,3'-Dichlorobenzidine
Concen: 0.007 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.12 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:252 Resp: 56

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 0.0 | 51.3 | 76.9# |
| 126 | 0.0 | 8.0 | 12.0# |



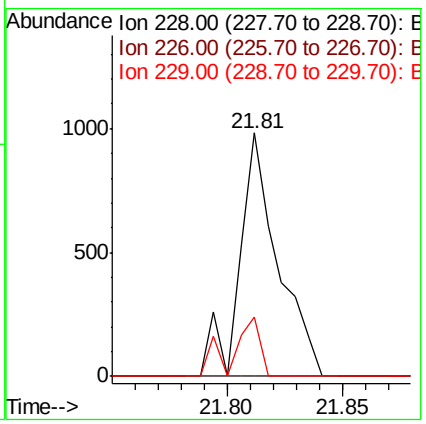


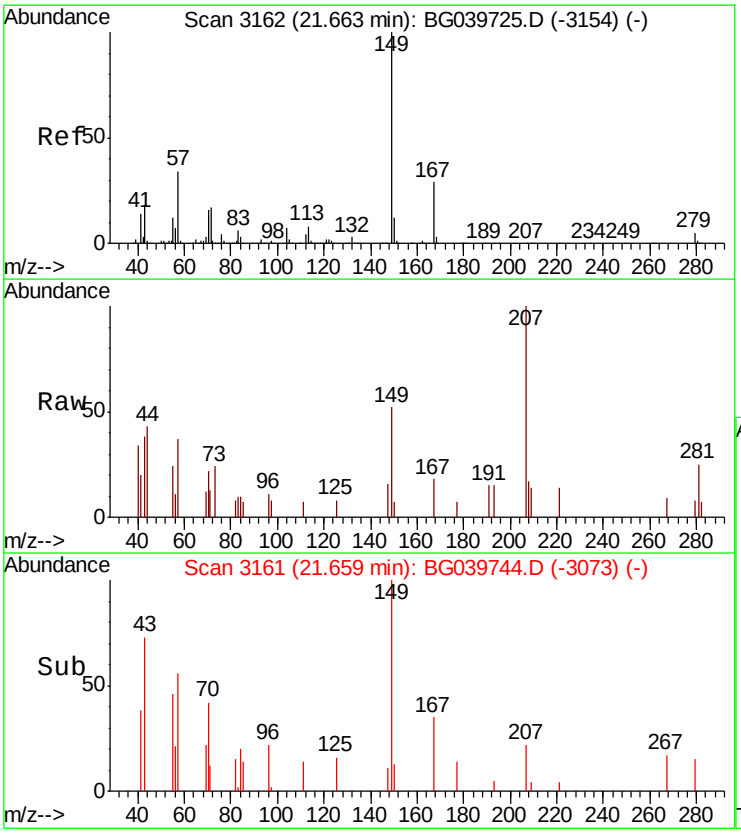

#83
Chrysene
Concen: 0.055 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.06 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:228 Resp: 1142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 25.8 | 38.6# |
| 229 | 24.4 | 16.6 | 25.0 |

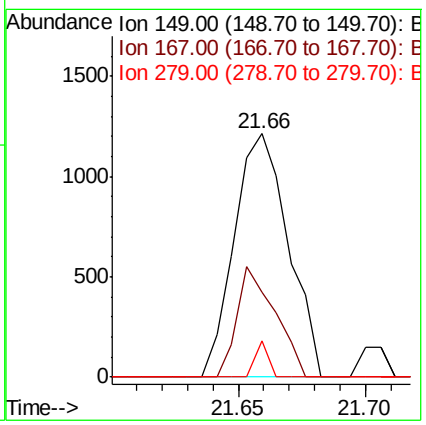


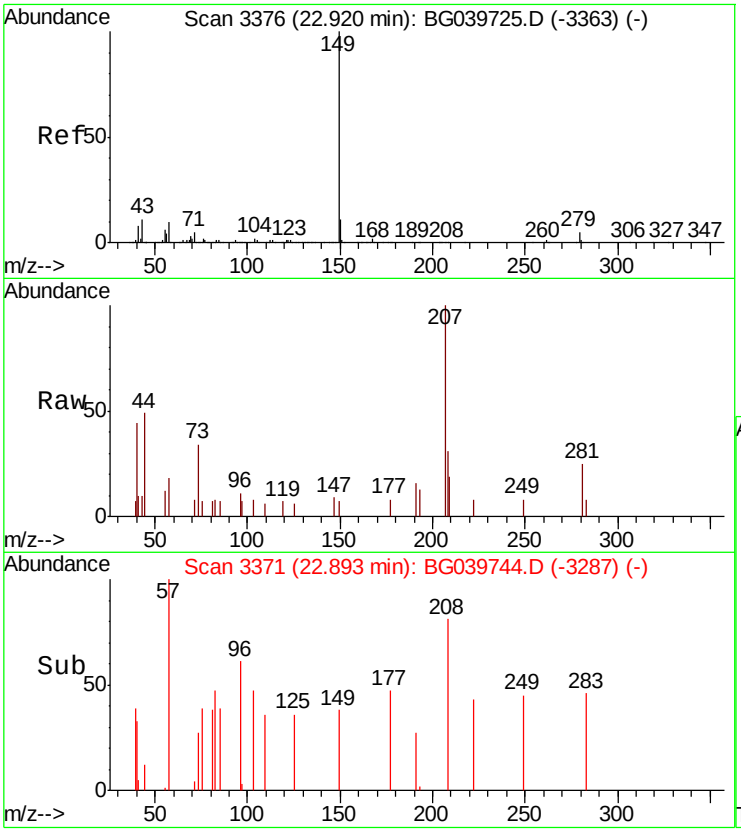




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.148 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:149 Resp: 1801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 35.1 | 22.6 | 34.0# |
| 279 | 14.9 | 3.5 | 5.3# |



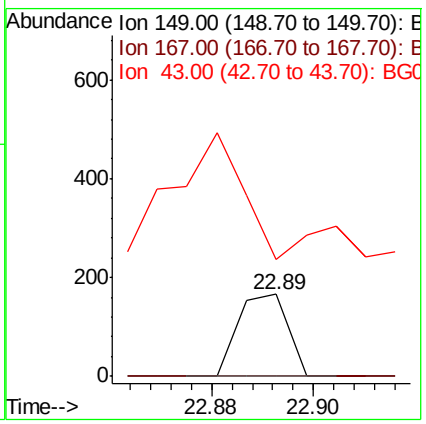


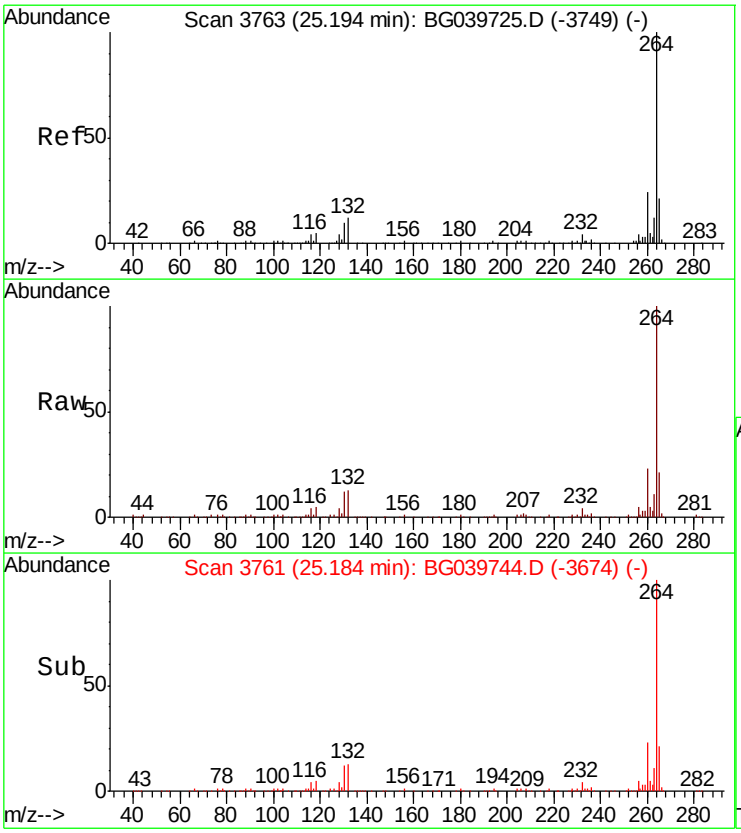

#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:149 Resp: 112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.3 | 1.9# |
| 43 | 0.0 | 10.2 | 15.4# |

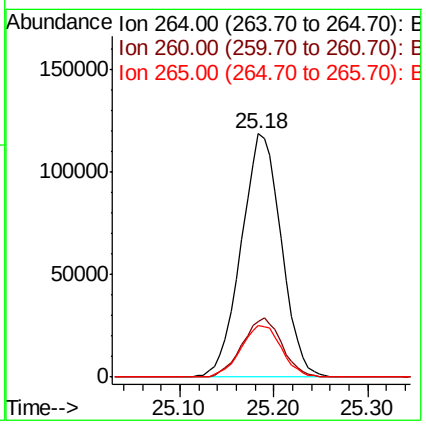


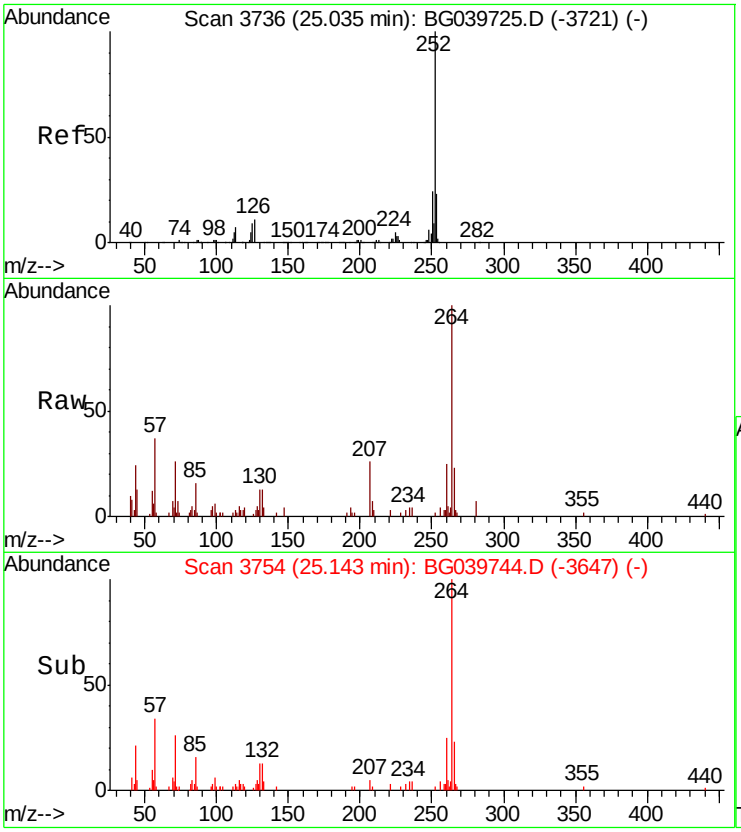




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

Tgt Ion:264 Resp: 349348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 18.2 | 27.4 |
| 265 | 21.3 | 18.5 | 27.7 |






#90
Benzo(a)pyrene
Concen: 0.003 ng
RT: 25.14 min Scan# 3754
Delta R.T. 0.10 min
Lab File: BG039744.D
Acq: 4 Mar 2019 23:24

**Instrument :**
BNA_G
**ClientSampleId :**
SB-B-11-14

Tgt Ion:252 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 0.0 | 17.9 | 26.9# |
| 125 | 87.0 | 8.3 | 12.5# |