Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039028.D
Acq On : 9 Jan 2019 19:49
Operator : JU/SJ
Sample : K1082-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 10 04:21:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.02 | 152 | 18489 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.85 | 136 | 77368 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.67 | 164 | 60103 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.42 | 188 | 168968 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.70 | 240 | 182991 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 24.98 | 264 | 195281 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.58 | 112 | 137654 | 141.23 | ng | | 0.00 |
| 7) Phenol-d6 | 7.19 | 99 | 197811 | 141.03 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.21 | 82 | 115813 | 81.91 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.16 | 330 | 134339 | 133.34 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.29 | 172 | 342700 | 78.03 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.02 | 244 | 765306 | 77.37 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.15 | 88 | 58 | 0.152 | ng | # | 1 |
| 4) n-Nitrosodimethylamine | 3.79 | 42 | 72 | 0.154 | ng | # | 1 |
| 9) Benzaldehyde | 7.19 | 77 | 344 | 0.425 | ng | # | 1 |
| 10) Phenol | 7.21 | 94 | 2396 | 1.704 | ng | # | 61 |
| 15) Benzyl Alcohol | 8.35 | 79 | 1664 | 1.575 | ng | # | 27 |
| 19) n-Nitroso-di-n-propylamine | 9.21 | 70 | 15621 | 16.959 | ng | # | 67 |
| 24) Nitrobenzene | 9.21 | 77 | 350 | 0.245 | ng | # | 38 |
| 25) Isophorone | 9.35 | 82 | 141 | 0.058 | ng | # | 62 |
| 31) Naphthalene | 10.90 | 128 | 1195 | 0.308 | ng | # | 79 |
| 33) 4-Chloroaniline | 10.90 | 127 | 54 | 0.031 | ng | # | 46 |
| 37) 2-Methylnaphthalene | 12.52 | 142 | 436 | 0.150 | ng | # | 14 |
| 38) 1-Methylnaphthalene | 12.73 | 142 | 174 | 0.062 | ng | # | 7 |
| 46) 1,1'-Biphenyl | 13.50 | 154 | 735 | 0.154 | ng | | 92 |
| 48) 2-Nitroaniline | 14.11 | 65 | 722 | 0.669 | ng | # | 1 |
| 49) Acenaphthylene | 14.40 | 152 | 61 | 0.011 | ng | # | 59 |
| 50) Dimethylphthalate | 14.12 | 163 | 88099 | 17.346 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.11 | 165 | 914 | 0.805 | ng | # | 21 |
| 52) Acenaphthene | 14.73 | 154 | 2861 | 0.822 | ng | | 94 |
| 55) Dibenzofuran | 15.08 | 168 | 1915 | 0.312 | ng | # | 85 |
| 56) 4-Nitrophenol | 15.06 | 139 | 810 | 0.977 | ng | # | 1 |
| 57) 2,4-Dinitrotoluene | 14.67 | 165 | 7687 | 4.719 | ng | # | 26 |
| 58) Fluorene | 15.72 | 166 | 2191 | 0.474 | ng | | 97 |
| 63) Azobenzene | 16.16 | 77 | 609 | 0.149 | ng | # | 22 |
| 65) 4,6-Dinitro-2-methylphenol | 16.16 | 198 | 258 | 0.206 | ng | | 80 |
| 66) n-Nitrosodiphenylamine | 16.16 | 169 | 3996 | 0.798 | ng | # | 50 |
| 67) 4-Bromophenyl-phenylether | 16.16 | 248 | 9059 | 4.171 | ng | # | 1 |
| 71) Phenanthrene | 17.46 | 178 | 10514 | 1.177 | ng | | 98 |
| 72) Anthracene | 17.46 | 178 | 10514 | 1.191 | ng | | 96 |
| 73) Carbazole | 17.84 | 167 | 1507 | 0.173 | ng | # | 85 |
| 74) Di-n-butylphthalate | 18.35 | 149 | 55 | 0.006 | ng | # | 77 |
| 75) Fluoranthene | 19.47 | 202 | 29317 | 2.648 | ng | | 96 |
| 77) Benzidine | 20.02 | 184 | 12381 | 2.212 | ng | # | 91 |
| 78) Pyrene | 19.83 | 202 | 23880 | 2.048 | ng | | 93 |
| 80) Butylbenzylphthalate | 20.67 | 149 | 59 | 0.013 | ng | # | 27 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039028.D
Acq On : 9 Jan 2019 19:49
Operator : JU/SJ
Sample : K1082-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 10 04:21:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 81) Benzo(a)anthracene | 21.74 | 228 | 16663 | 1.496 | ng | | 93 |
| 83) Chrysene | 21.74 | 228 | 16663 | 1.573 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149 | 626 | 0.102 | ng | # | 93 |
| 85) Di-n-octyl phthalate | 22.71 | 149 | 54 | 0.005 | ng | # | 1 |
| 86) Indeno(1,2,3-cd)pyrene | 28.73 | 276 | 1385 | 0.109 | ng | # | 69 |
| 88) Benzo(b)fluoranthene | 23.93 | 252 | 9664 | 0.897 | ng | # | 90 |
| 89) Benzo(k)fluoranthene | 23.99 | 252 | 3452 | 0.324 | ng | # | 83 |
| 90) Benzo(a)pyrene | 24.82 | 252 | 3240 | 0.311 | ng | # | 74 |
| 91) Dibenzo(a,h)anthracene | 28.79 | 278 | 66 | 0.006 | ng | # | 58 |
| 92) Benzo(g,h,i)perylene | 29.92 | 276 | 2037 | 0.199 | ng | # | 56 |

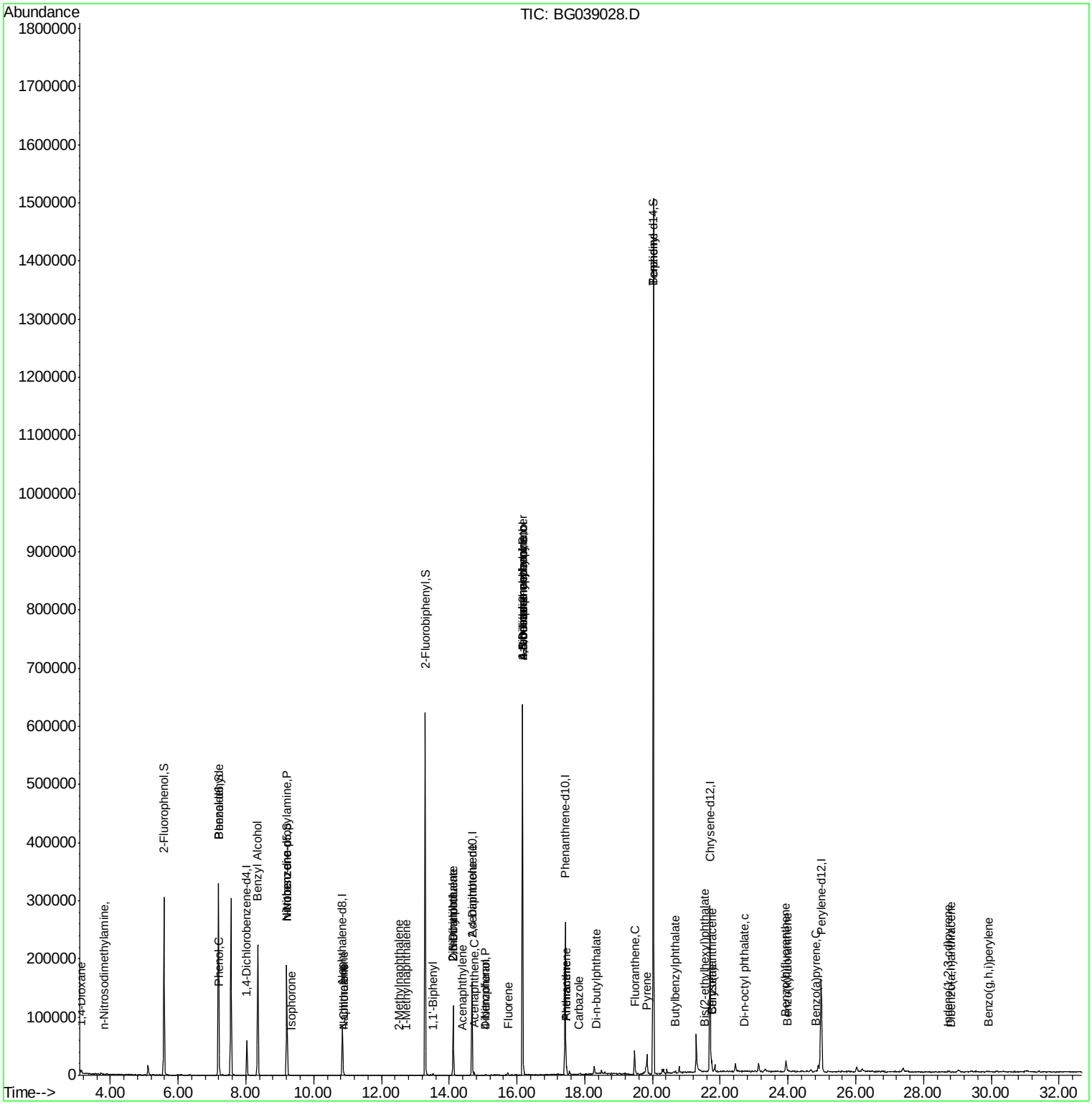
(#) = qualifier out of range (m) = manual integration (+) = signals summed

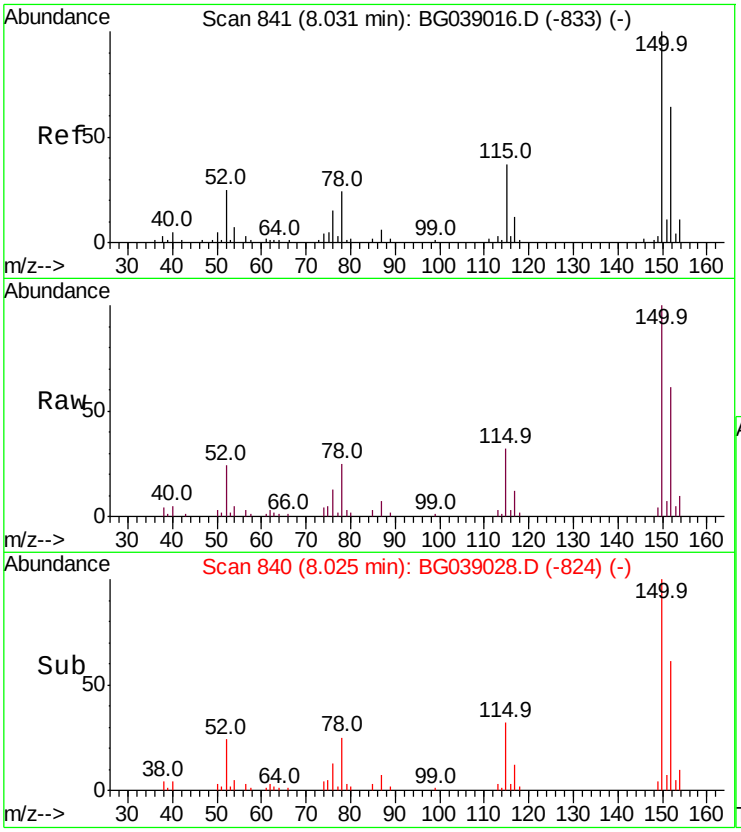
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039028.D
Acq On : 9 Jan 2019 19:49
Operator : JU/SJ
Sample : K1082-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 10 04:21:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



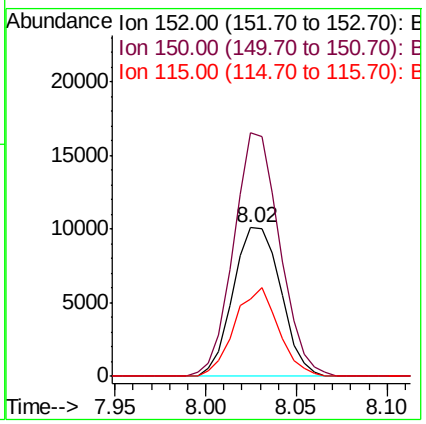


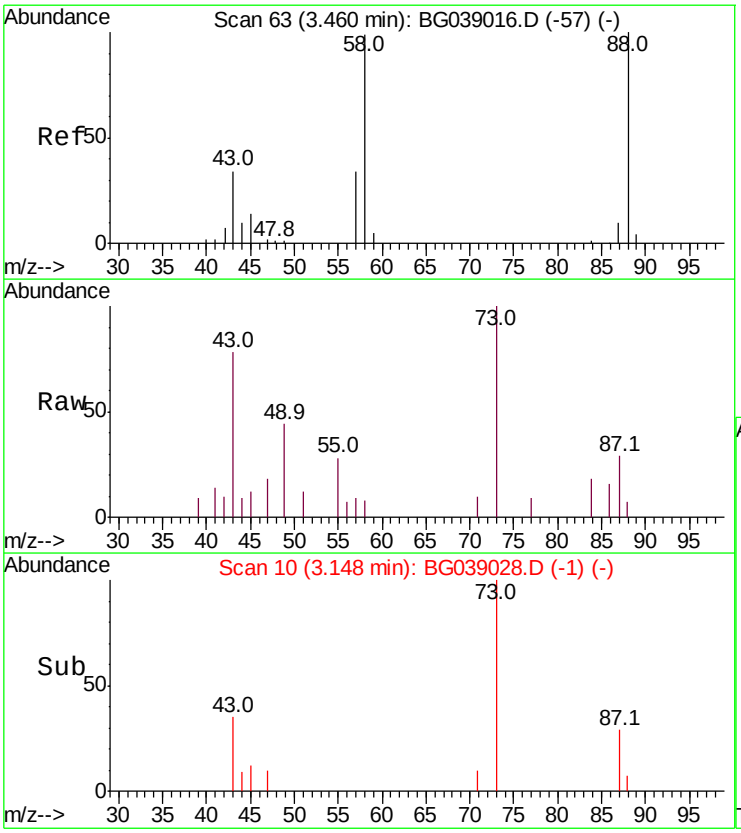

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:152 Resp: 18489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 164.0 | 124.7 | 187.1 |
| 115 | 52.0 | 46.5 | 69.7 |

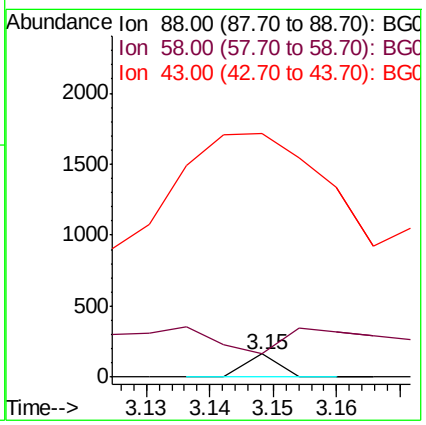


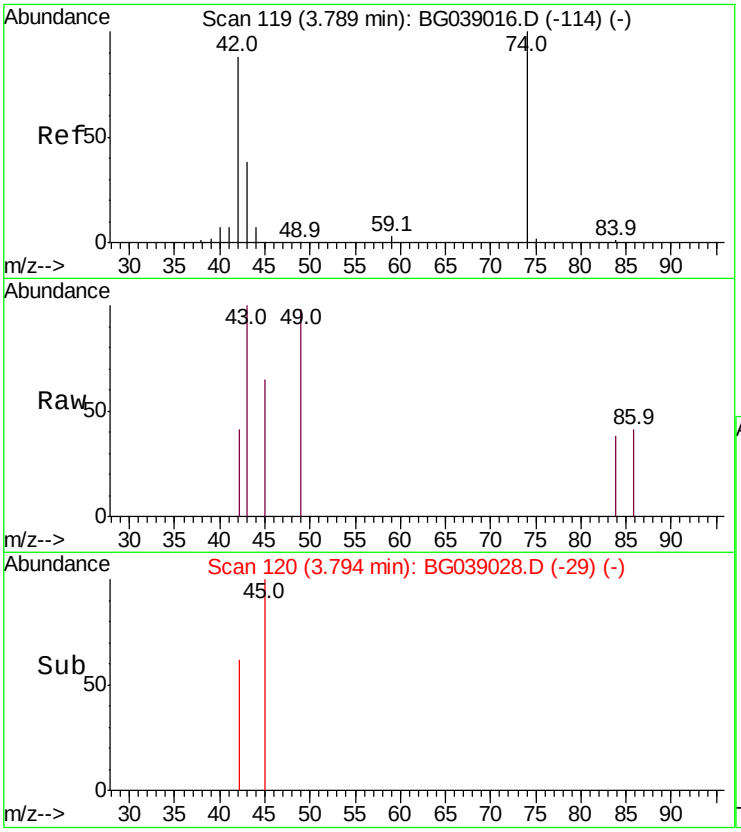




#2
1,4-Dioxane
Concen: 0.152 ng
RT: 3.15 min Scan# 10
Delta R.T. -0.31 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion: 88 Resp: 58

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 329.3 | 72.4 | 108.6# |
| 43 | 4341.4 | 27.6 | 41.4# |



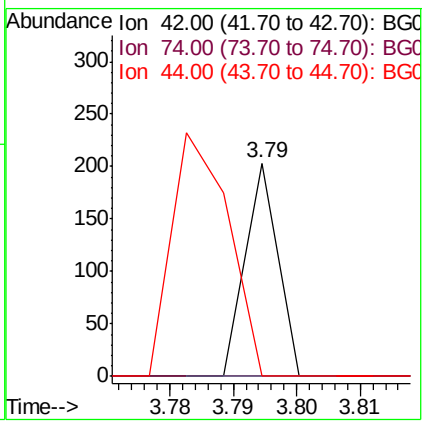


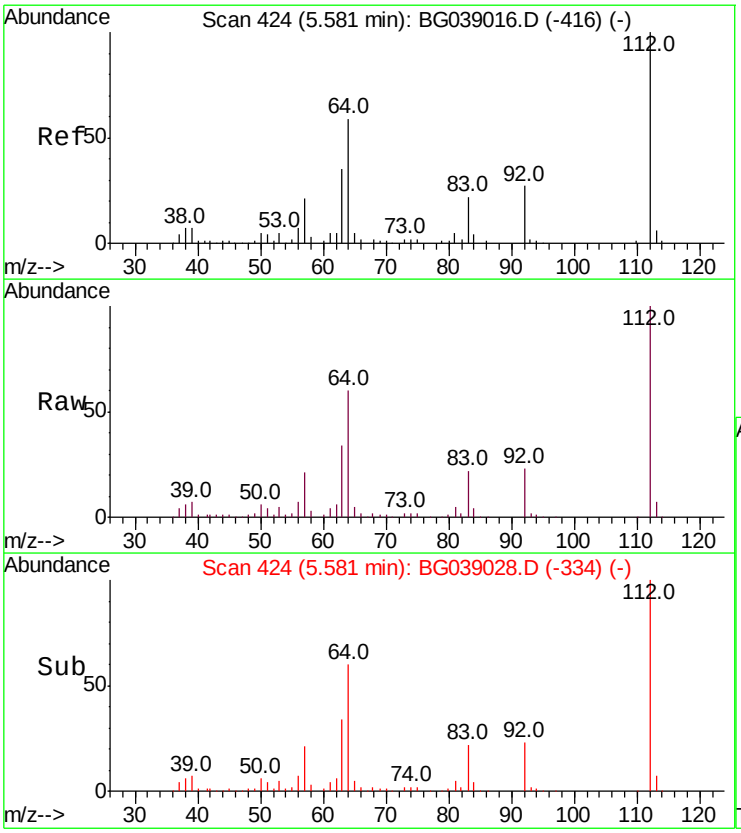

#4
n-Nitrosodimethylamine
Concen: 0.154 ng
RT: 3.79 min Scan# 120
Delta R.T. 0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion: 42 Resp: 72

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 90.7 | 136.1# |
| 44 | 0.0 | 6.5 | 9.7# |

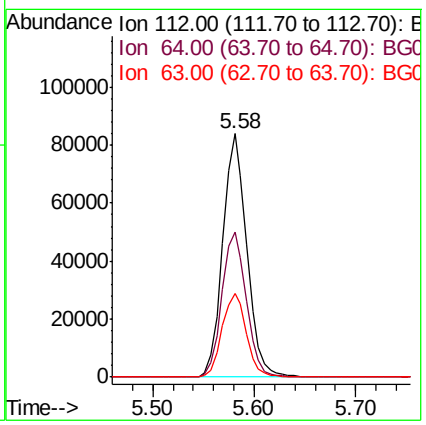


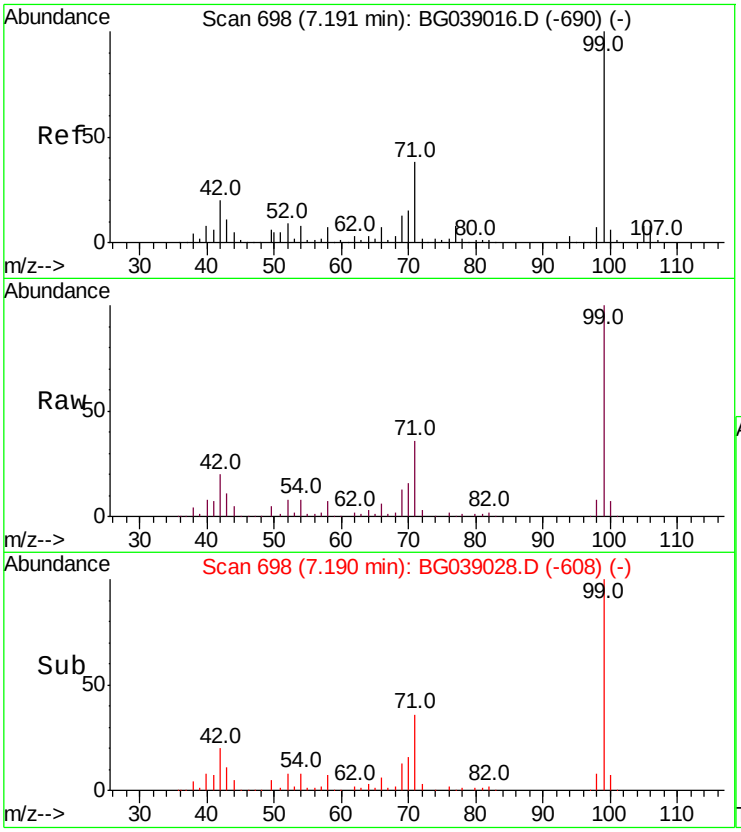




#5
2-Fluorophenol
Concen: 141.234 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:112 Resp: 137654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.7 | 47.0 | 70.6 |
| 63 | 34.2 | 28.0 | 42.0 |



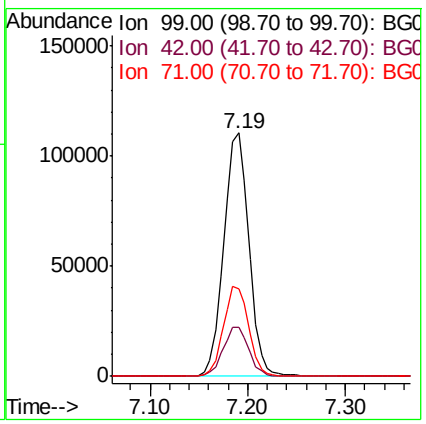


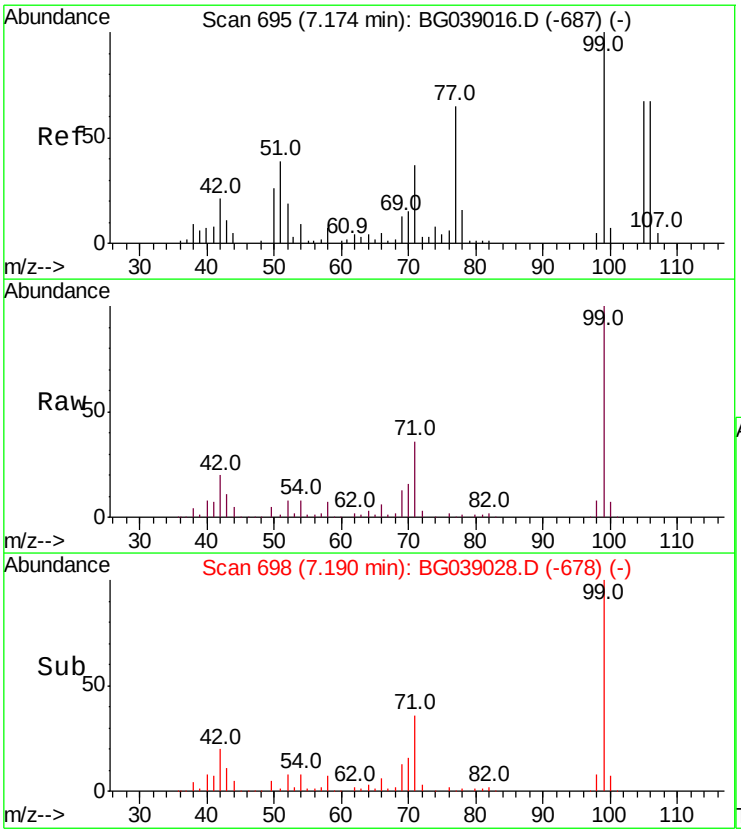

#7
Phenol-d6
Concen: 141.026 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion: 99 Resp: 197811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.3 | 15.8 | 23.6 |
| 71 | 35.8 | 30.2 | 45.4 |

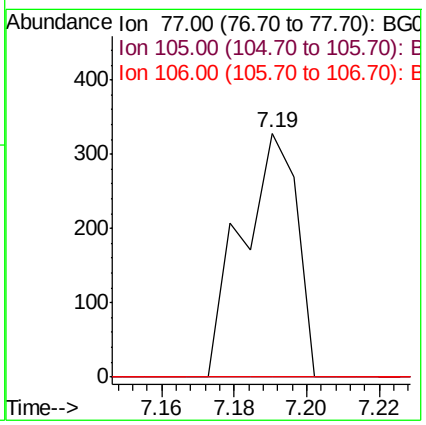


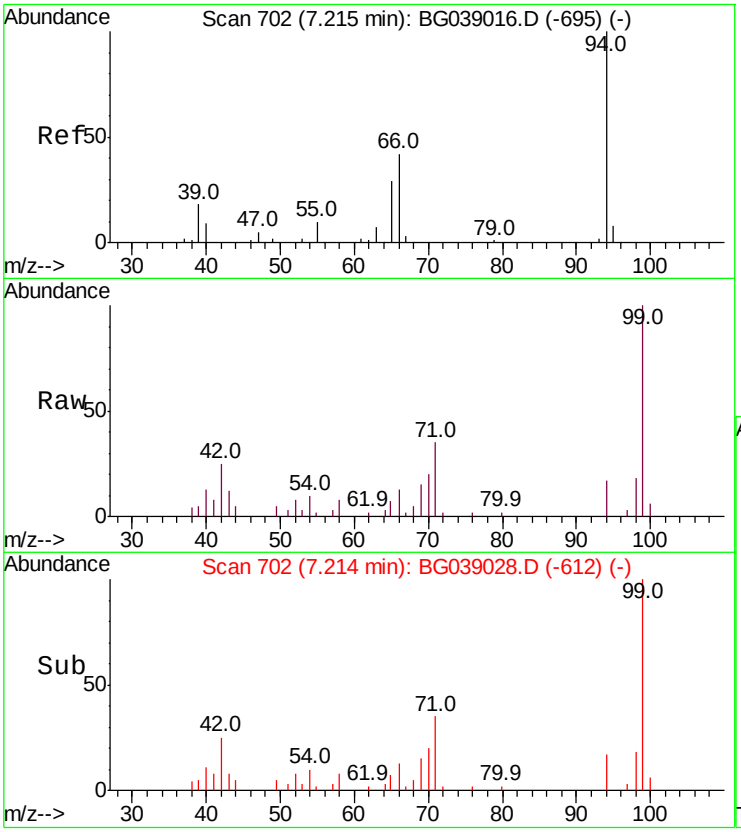




#9
Benzaldehyde
Concen: 0.425 ng
RT: 7.19 min Scan# 698
Delta R.T. 0.02 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion: 77 Resp: 344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 82.4 | 122.4# |
| 106 | 0.0 | 82.8 | 122.8# |



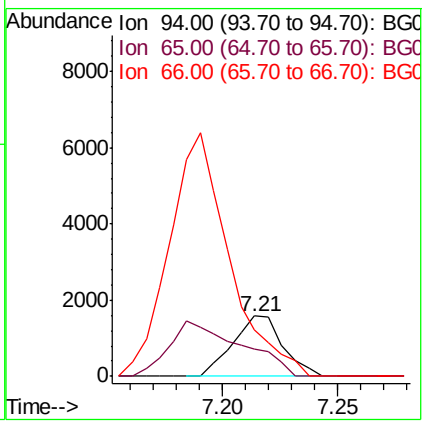


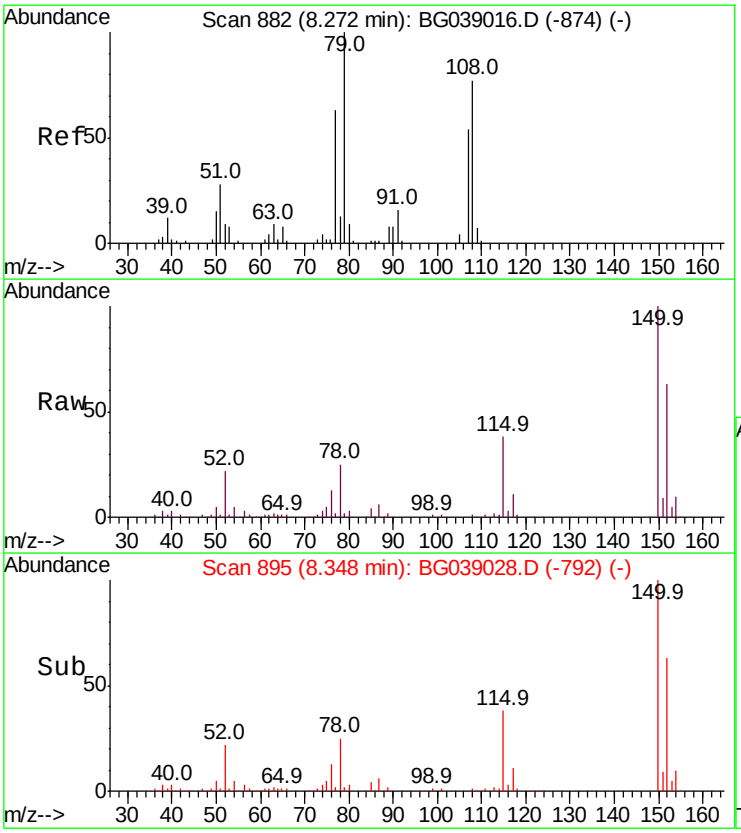

#10
Phenol
Concen: 1.704 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion: 94 Resp: 2396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 44.6 | 10.3 | 50.3 |
| 66 | 76.5 | 25.1 | 65.1# |

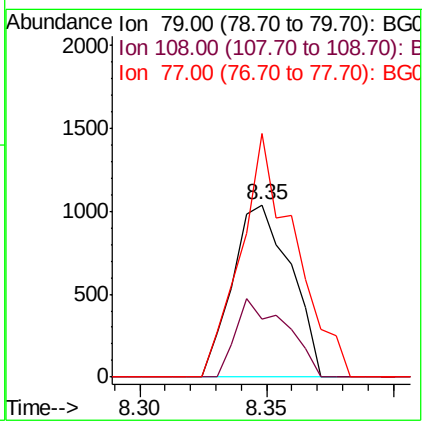


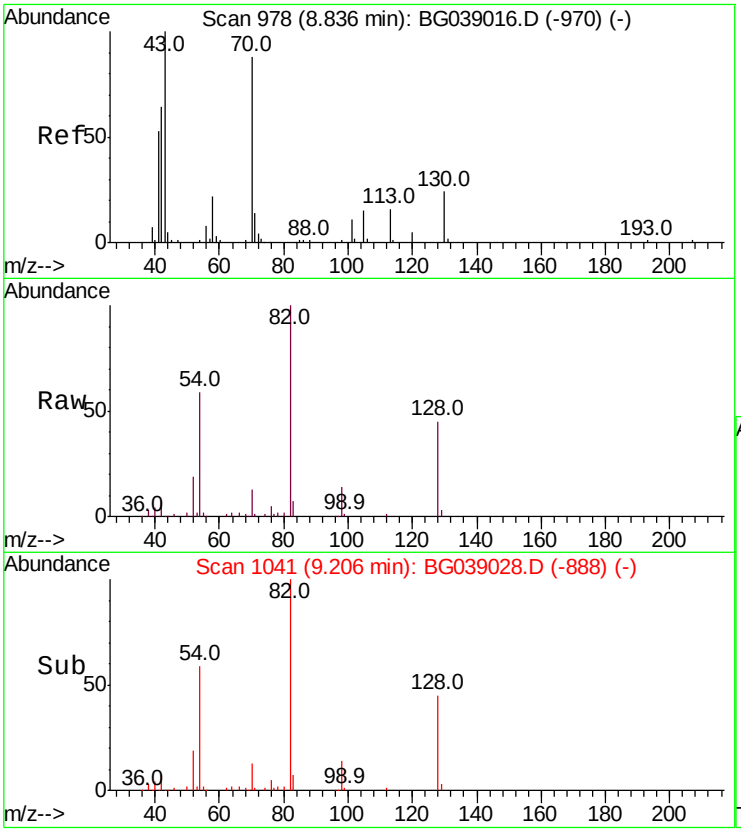




#15
Benzyl Alcohol
Concen: 1.575 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.08 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion: 79 Resp: 1664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 33.6 | 62.0 | 93.0# |
| 77 | 141.3 | 50.1 | 75.1# |



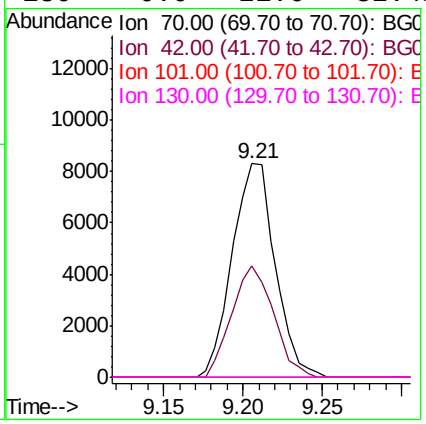


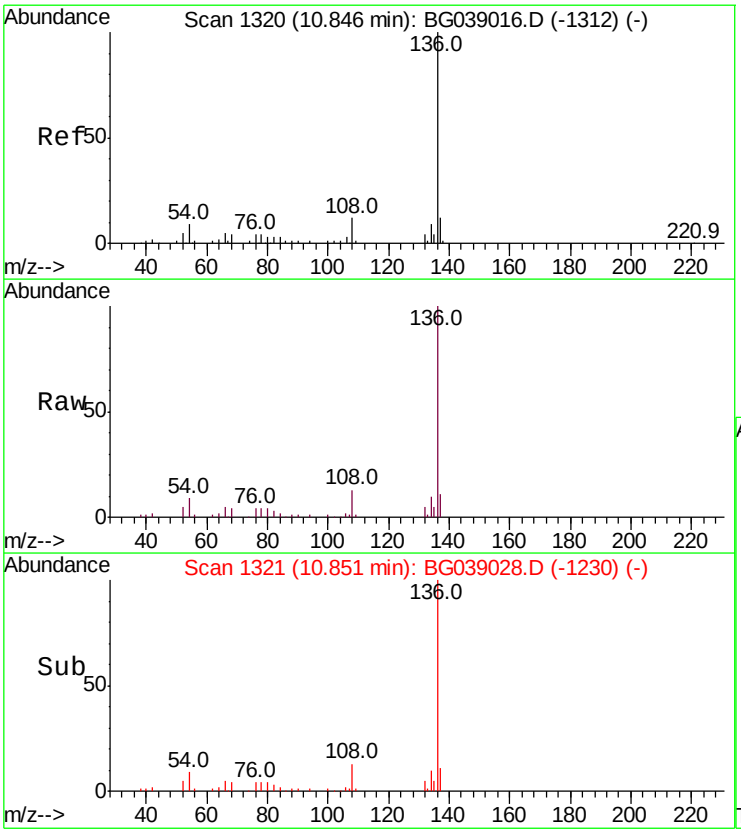

#19
n-Nitroso-di-n-propylamine
Concen: 16.959 ng
RT: 9.21 min Scan# 1041
Delta R.T. 0.37 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion: 70 Resp: 15621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 52.2 | 59.0 | 88.4# |
| 101 | 0.0 | 10.4 | 15.6# |
| 130 | 0.0 | 21.6 | 32.4# |

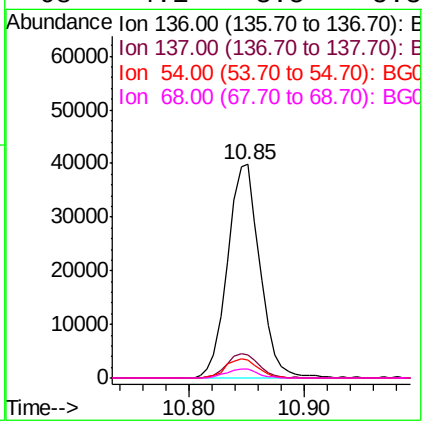


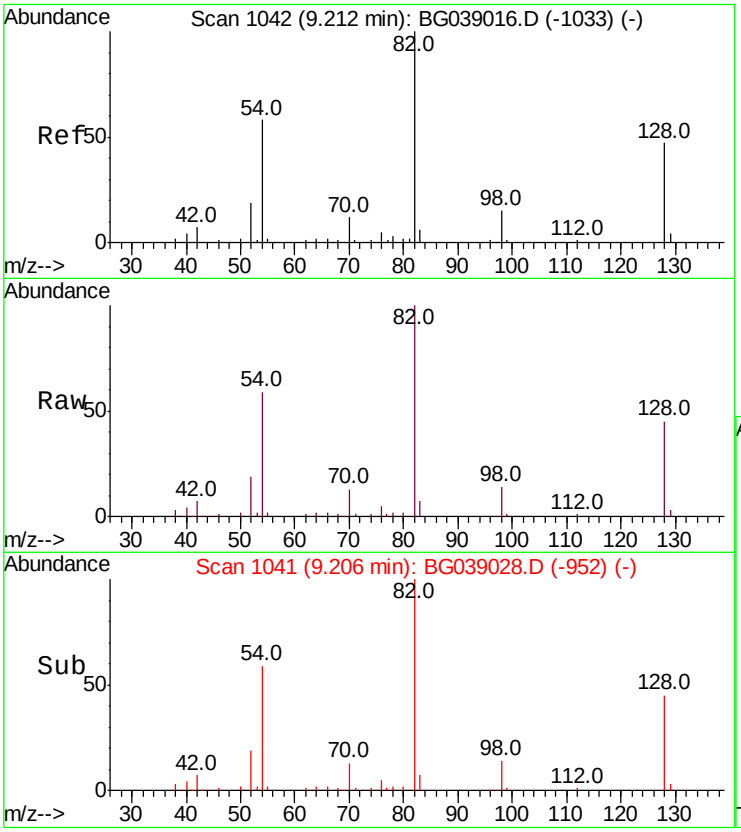




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:136 Resp: 77368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.4 | 14.2 |
| 54 | 8.5 | 7.2 | 10.8 |
| 68 | 4.1 | 3.5 | 5.3 |



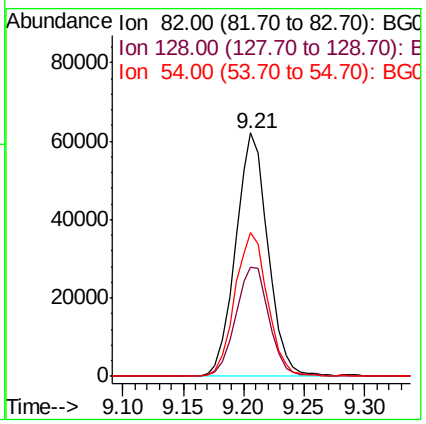


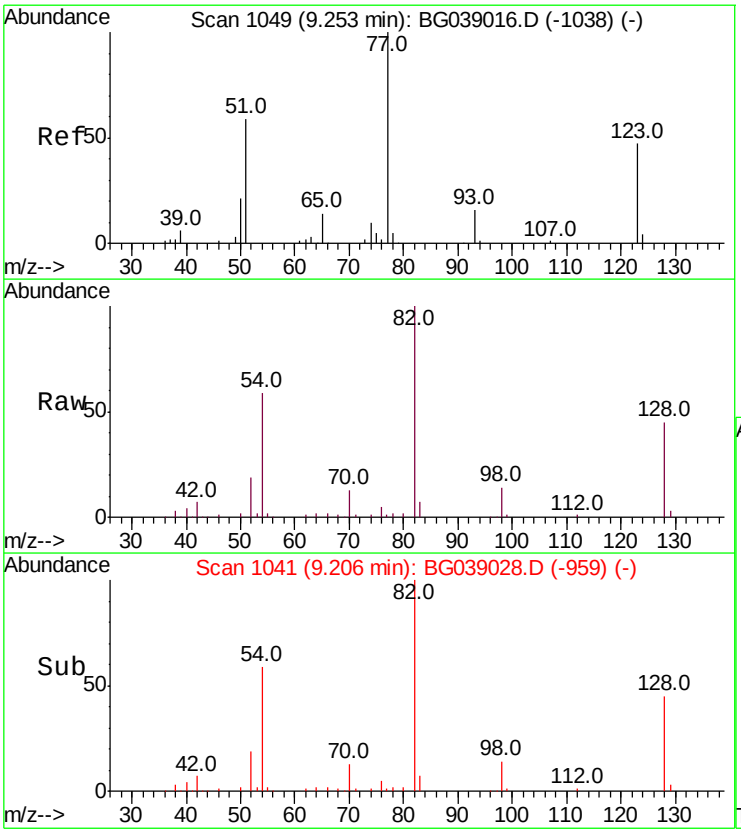

#23
Nitrobenzene-d5
Concen: 81.910 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion: 82 Resp: 115813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.1 | 37.3 | 55.9 |
| 54 | 58.8 | 46.4 | 69.6 |

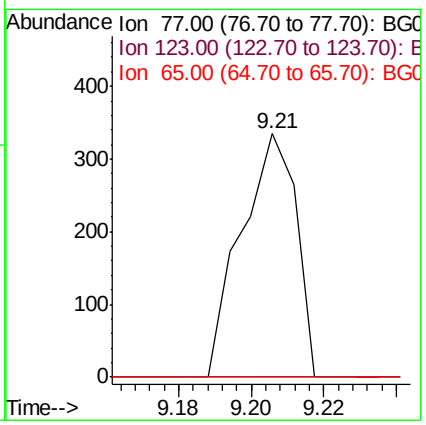


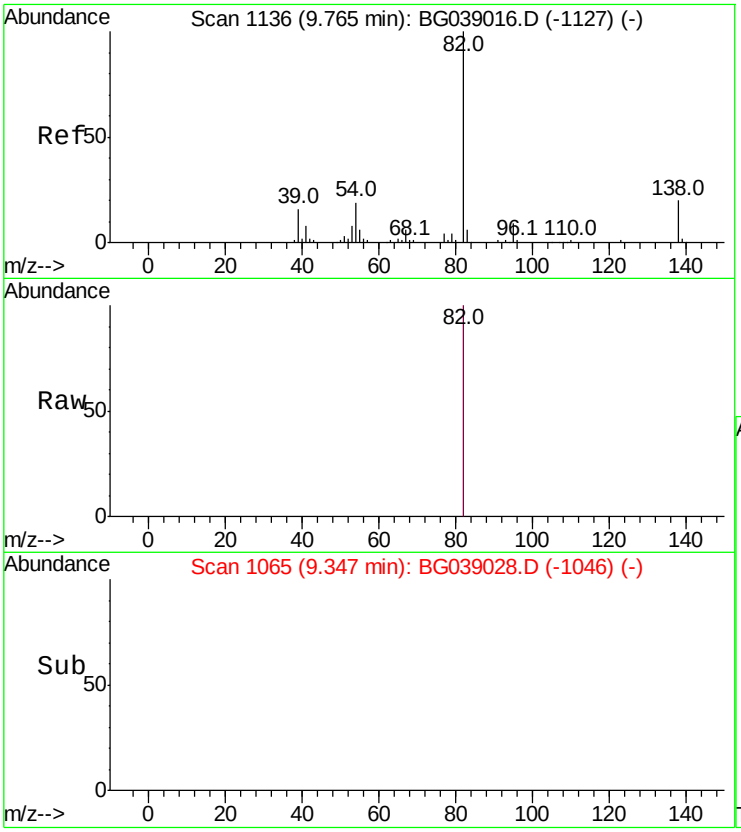




#24
Nitrobenzene
Concen: 0.245 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.05 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion: 77 Resp: 350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 37.6 | 56.4# |
| 65 | 0.0 | 11.0 | 16.6# |



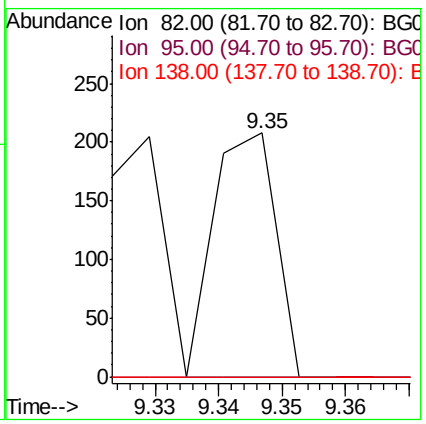


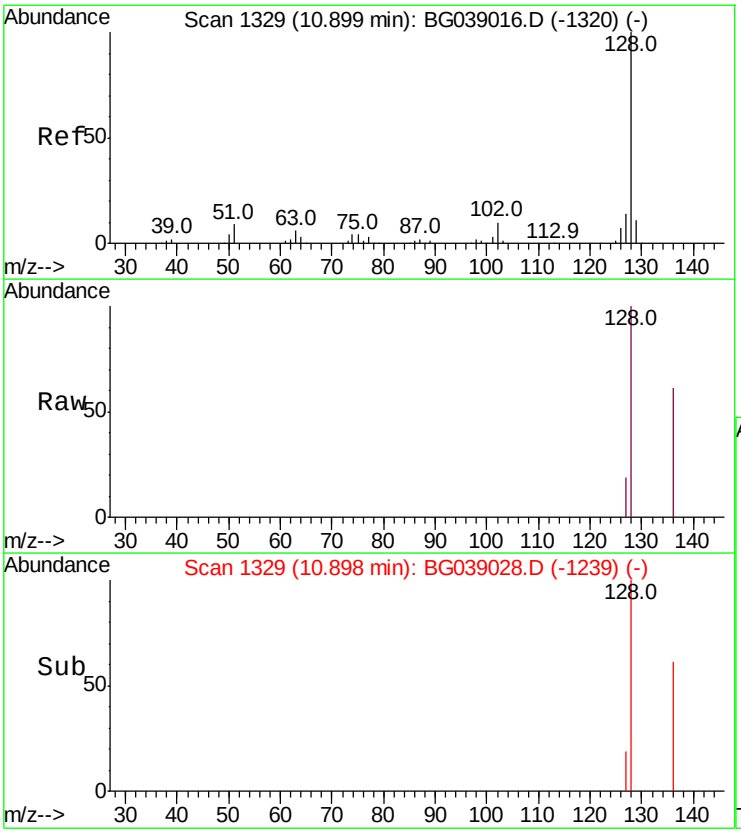

#25
Isophorone
Concen: 0.058 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.42 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion: 82 Resp: 141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 7.0 | 10.6# |
| 138 | 0.0 | 16.2 | 24.4# |

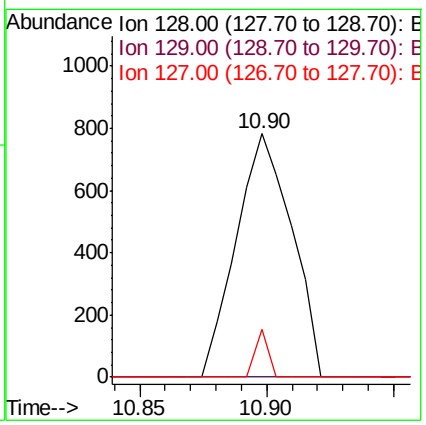


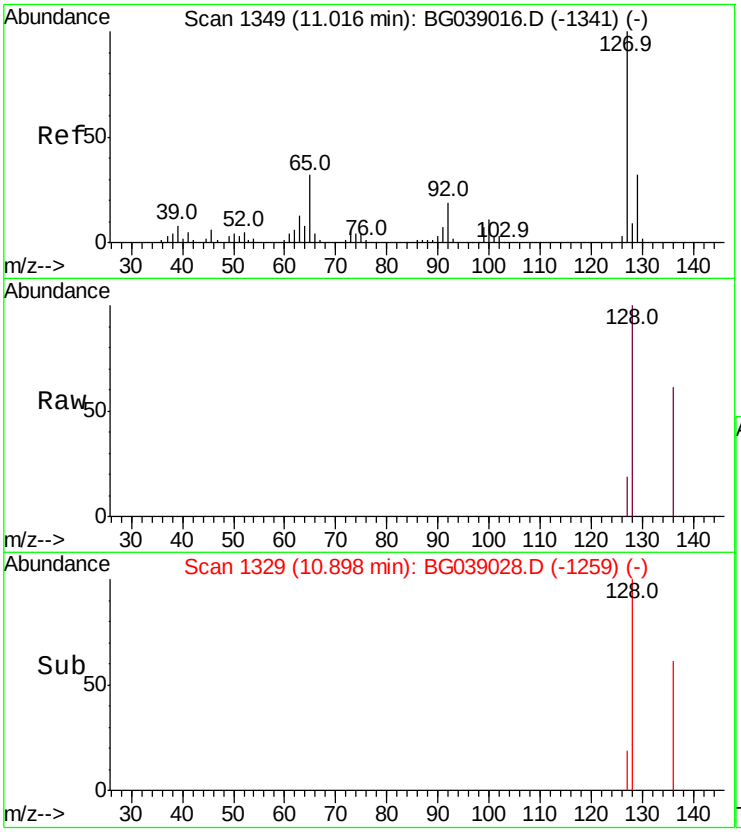




#31
Naphthalene
Concen: 0.308 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:128 Resp: 1195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 0.0 | 9.1 | 13.7# |
| 127 | 19.4 | 11.2 | 16.8# |



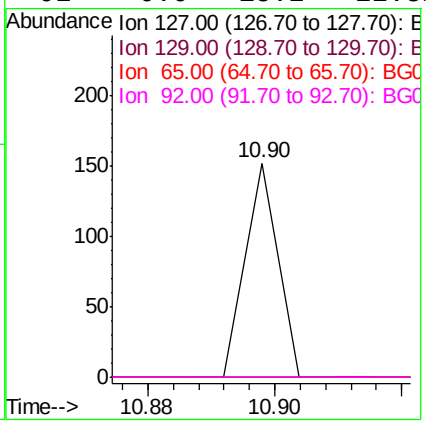


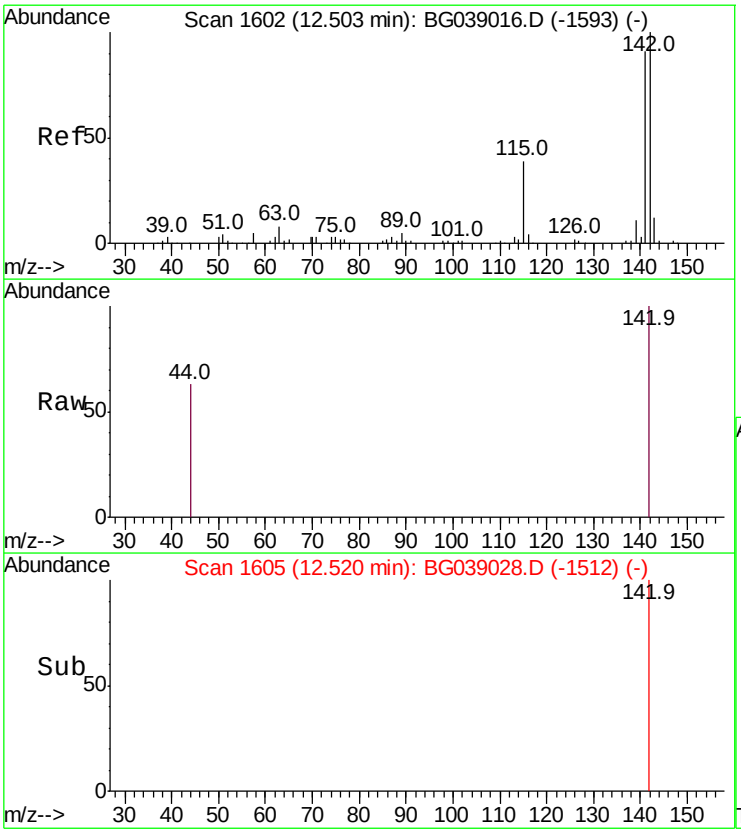

#33
4-Chloroaniline
Concen: 0.031 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.12 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:127 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 0.0 | 25.4 | 38.0# |
| 65 | 0.0 | 25.4 | 38.0# |
| 92 | 0.0 | 15.2 | 22.8# |

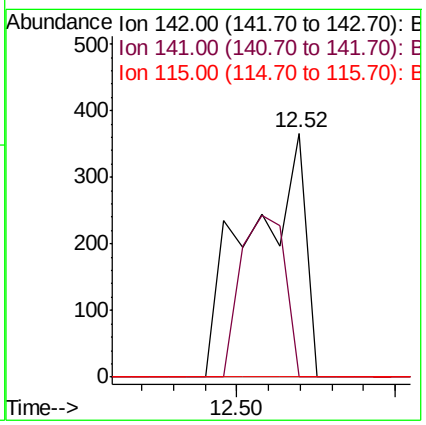


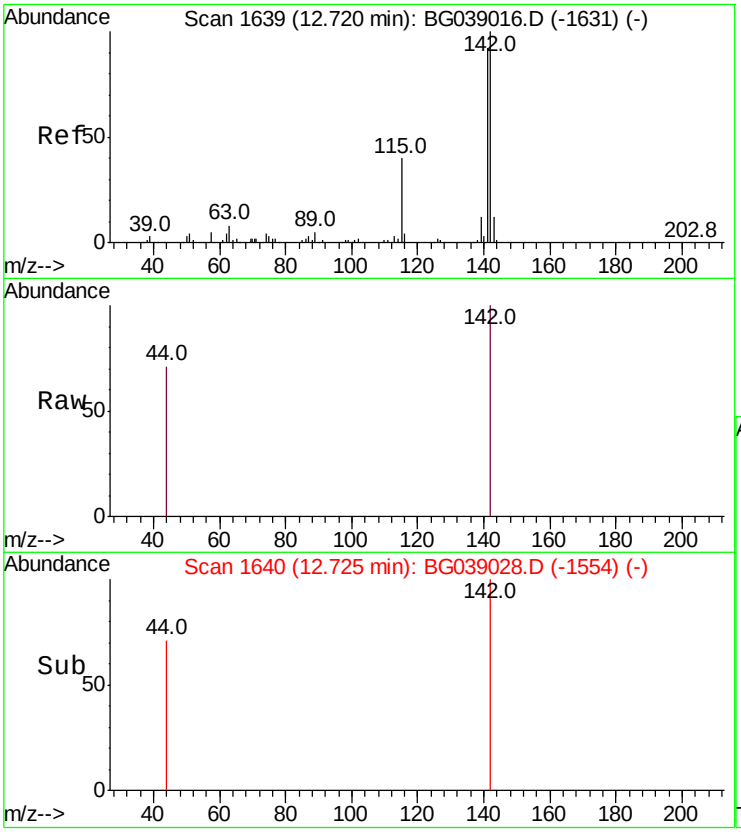




#37
2-Methylnaphthalene
Concen: 0.150 ng
RT: 12.52 min Scan# 1605
Delta R.T. 0.02 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:142 Resp: 436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 0.0 | 72.6 | 109.0# |
| 115 | 0.0 | 31.1 | 46.7# |



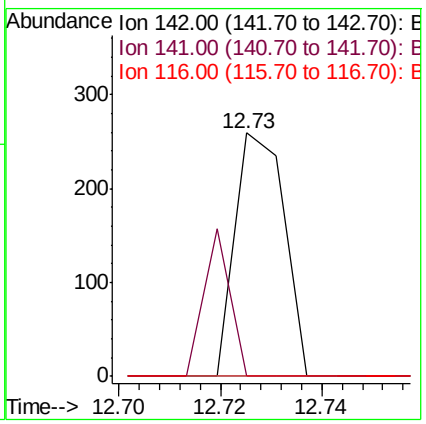


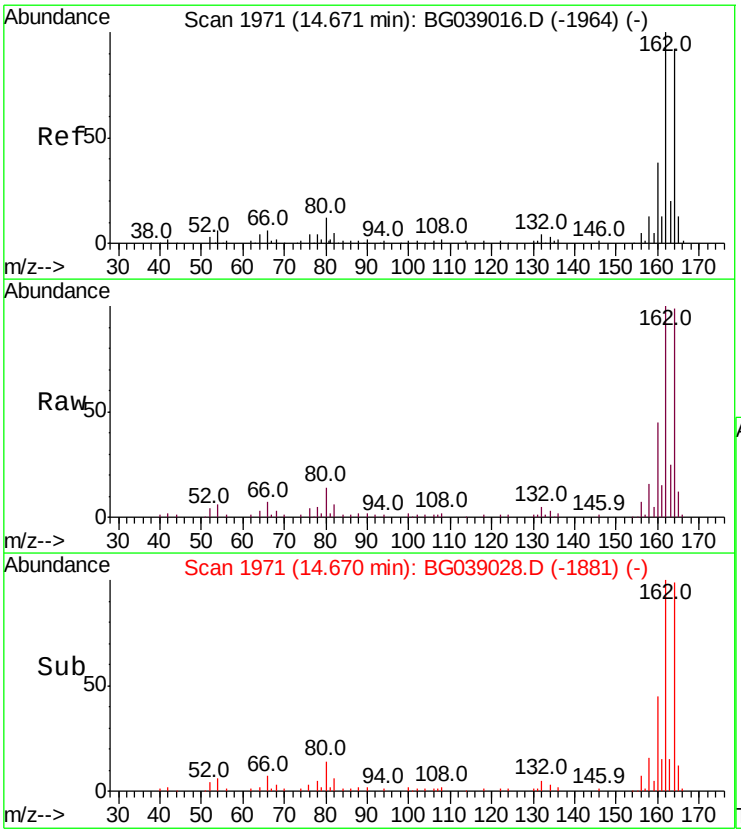

#38
1-Methylnaphthalene
Concen: 0.062 ng
RT: 12.73 min Scan# 1640
Delta R.T. 0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:142 Resp: 174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 0.0 | 73.3 | 109.9# |
| 116 | 0.0 | 3.1 | 4.7# |

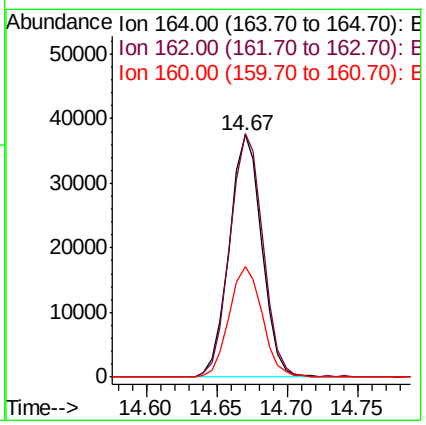


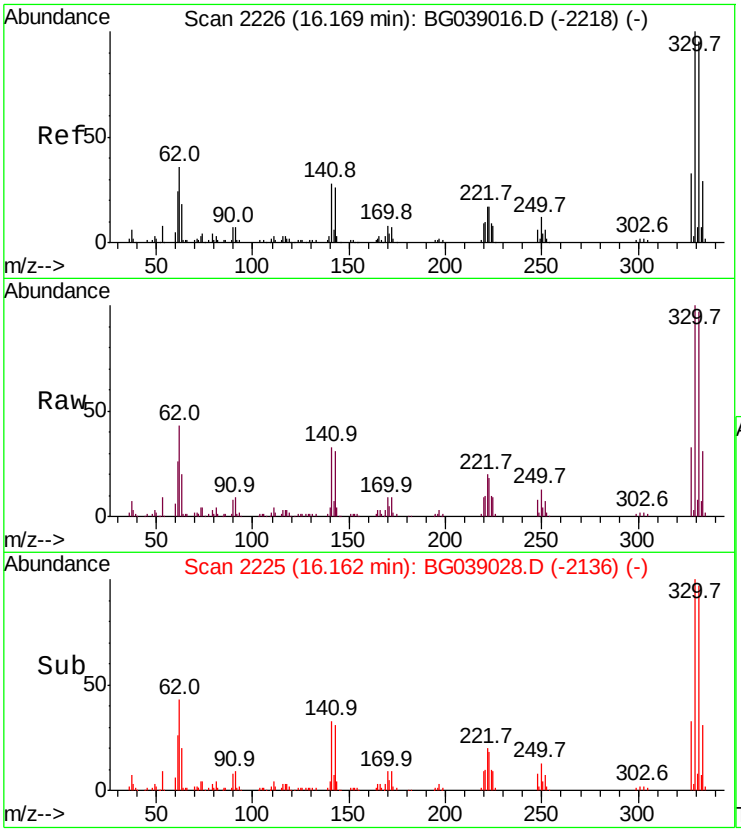




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:164 Resp: 60103

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.5 | 87.2 | 130.8 |
| 160 | 45.4 | 33.3 | 49.9 |



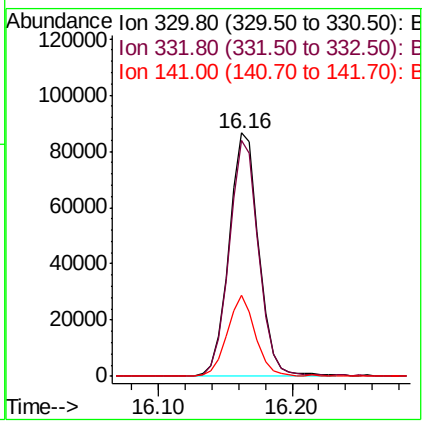


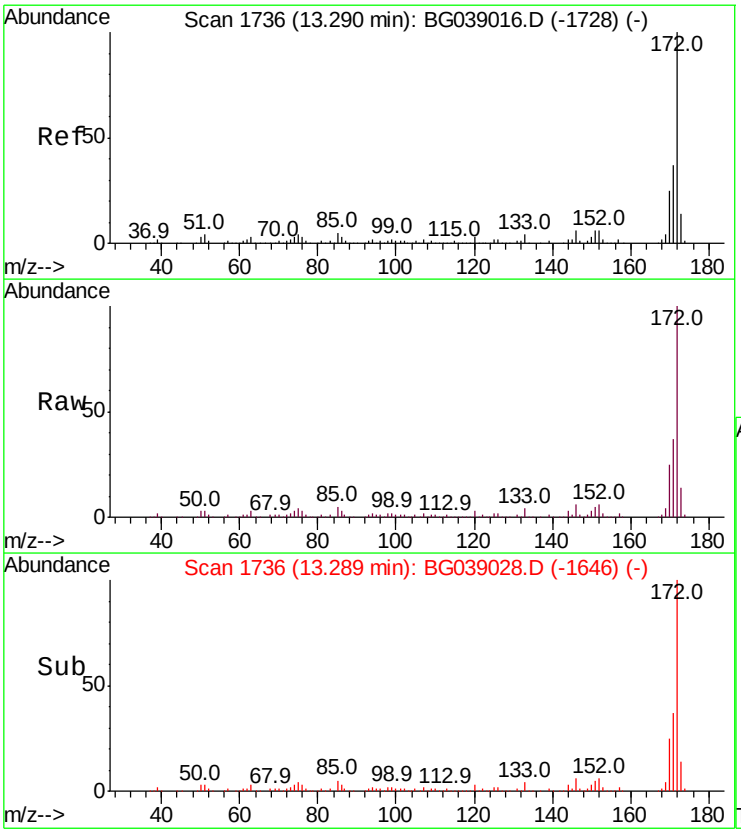

#42
2,4,6-Tribromophenol
Concen: 133.340 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:330 Resp: 134339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 75.7 | 113.5 |
| 141 | 31.7 | 24.9 | 37.3 |

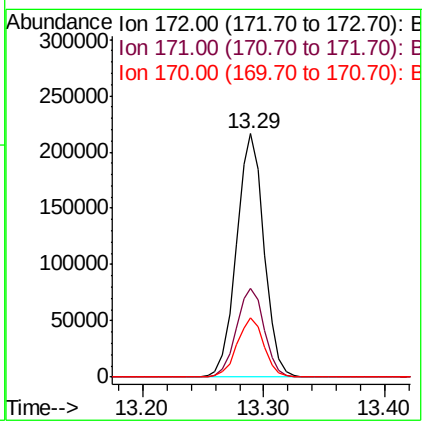


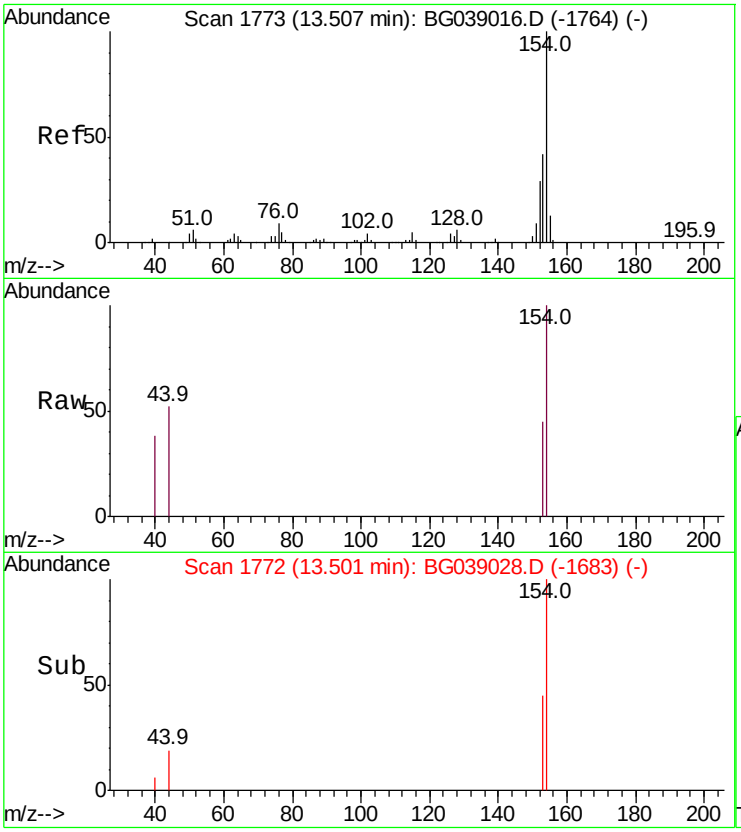




#45
2-Fluorobiphenyl
Concen: 78.034 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:172 Resp: 342700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.4 | 44.0 |
| 170 | 24.6 | 20.1 | 30.1 |



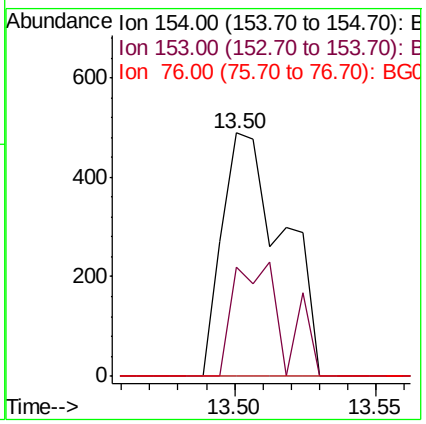


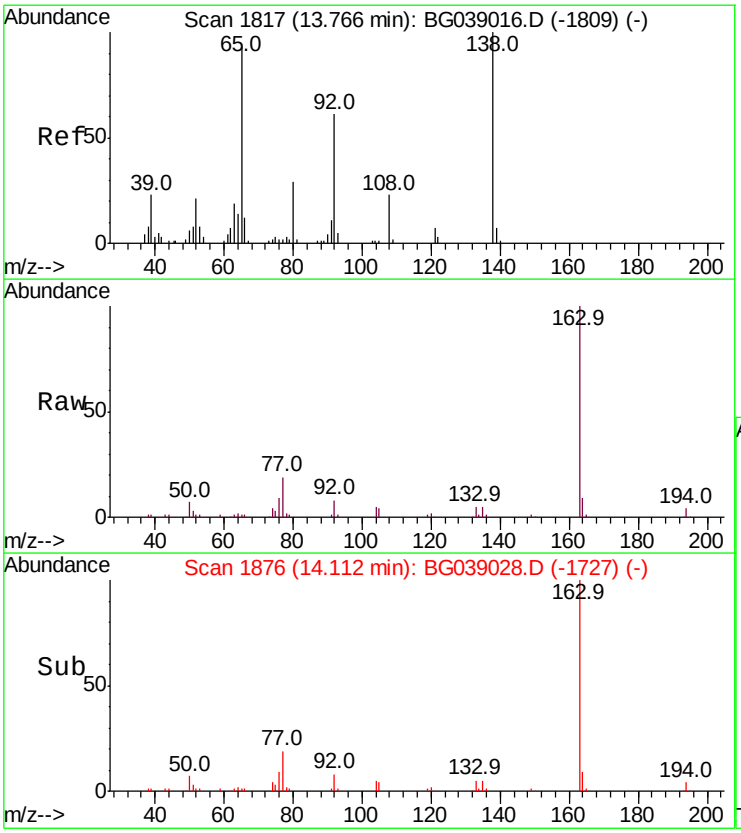

#46
1,1'-Biphenyl
Concen: 0.154 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:154 Resp: 735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 45.0 | 22.4 | 62.4 |
| 76 | 0.0 | 0.0 | 29.4 |

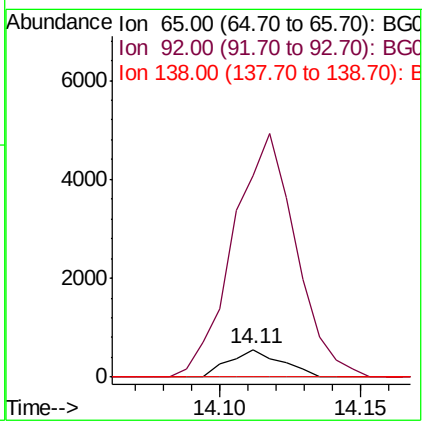


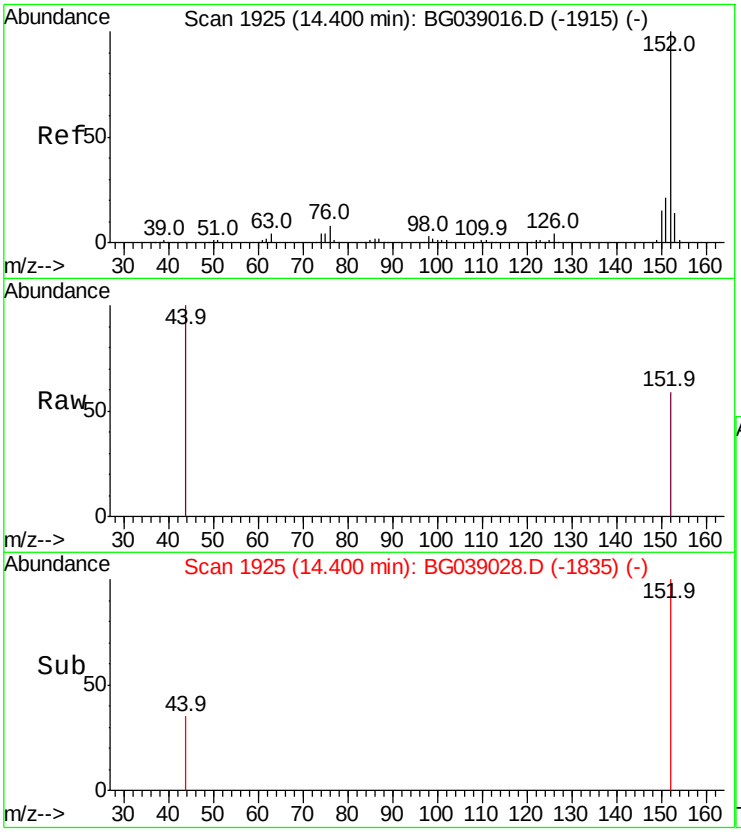




#48
2-Nitroaniline
Concen: 0.669 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.35 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion: 65 Resp: 722

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 732.3 | 52.2 | 78.4# |
| 138 | 0.0 | 86.0 | 129.0# |



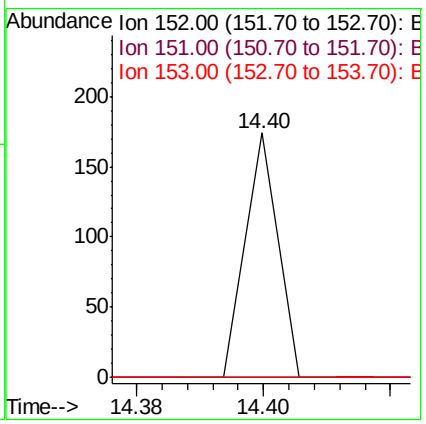


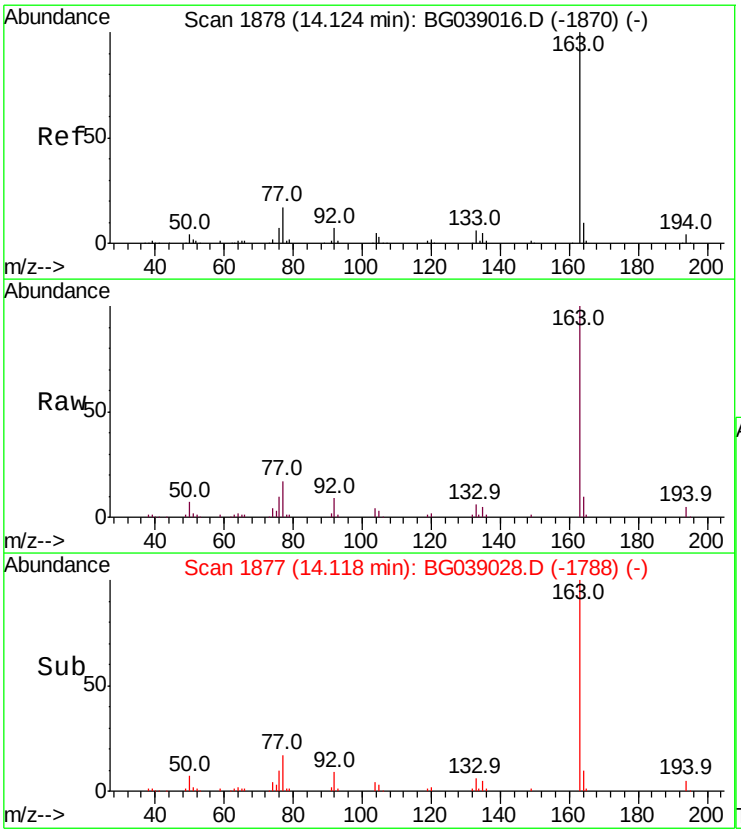

#49
Acenaphthylene
Concen: 0.011 ng
RT: 14.40 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:152 Resp: 61

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 0.0 | 17.0 | 25.4# |
| 153 | 0.0 | 11.2 | 16.8# |

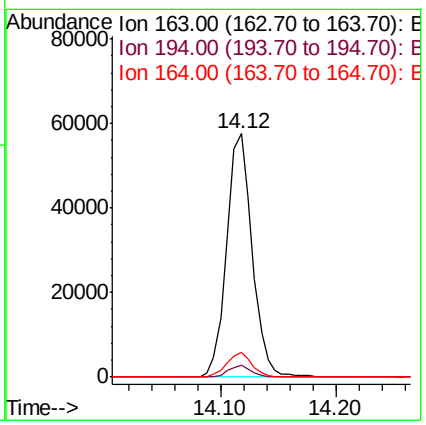


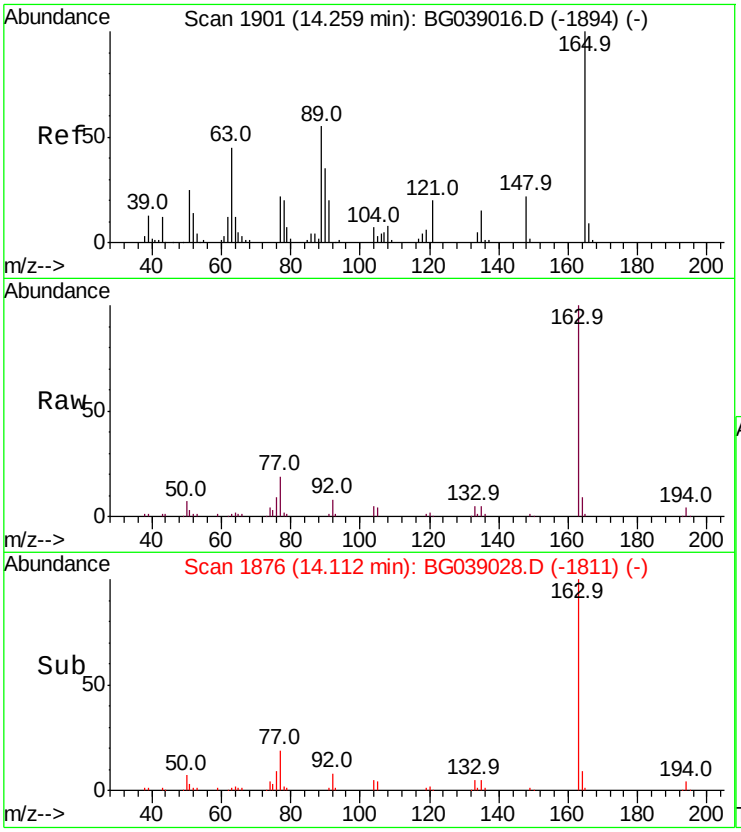




#50
Dimethylphthalate
Concen: 17.346 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:163 Resp: 88099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 5.0 | 3.6 | 5.4 |
| 164 | 10.1 | 8.2 | 12.2 |



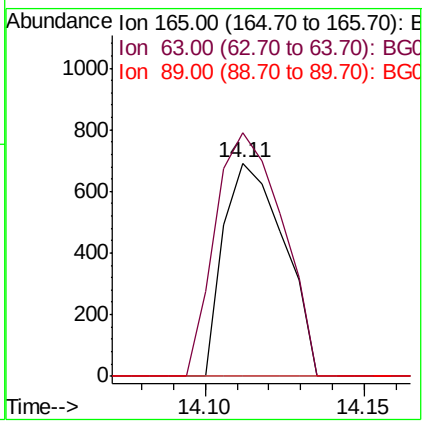


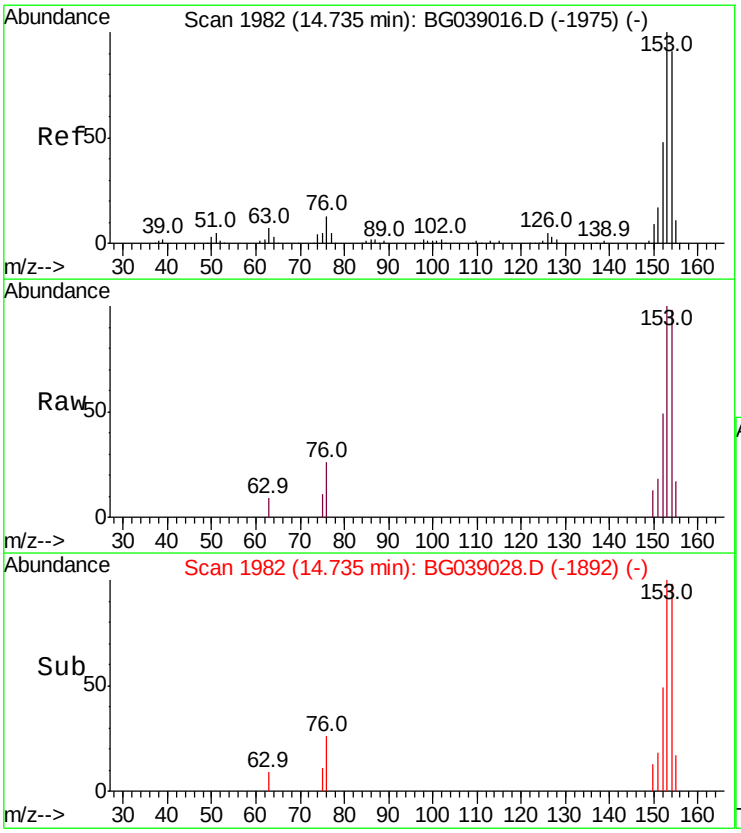

#51
2,6-Dinitrotoluene
Concen: 0.805 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.15 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:165 Resp: 914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 114.3 | 43.6 | 65.4# |
| 89 | 0.0 | 43.7 | 65.5# |

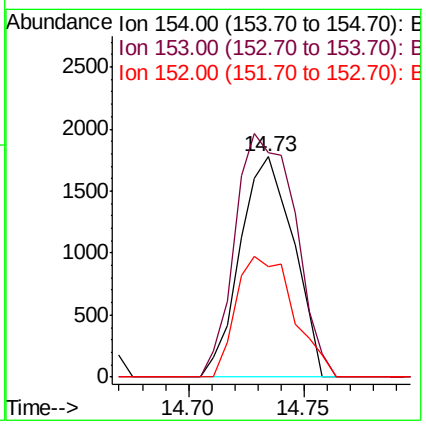


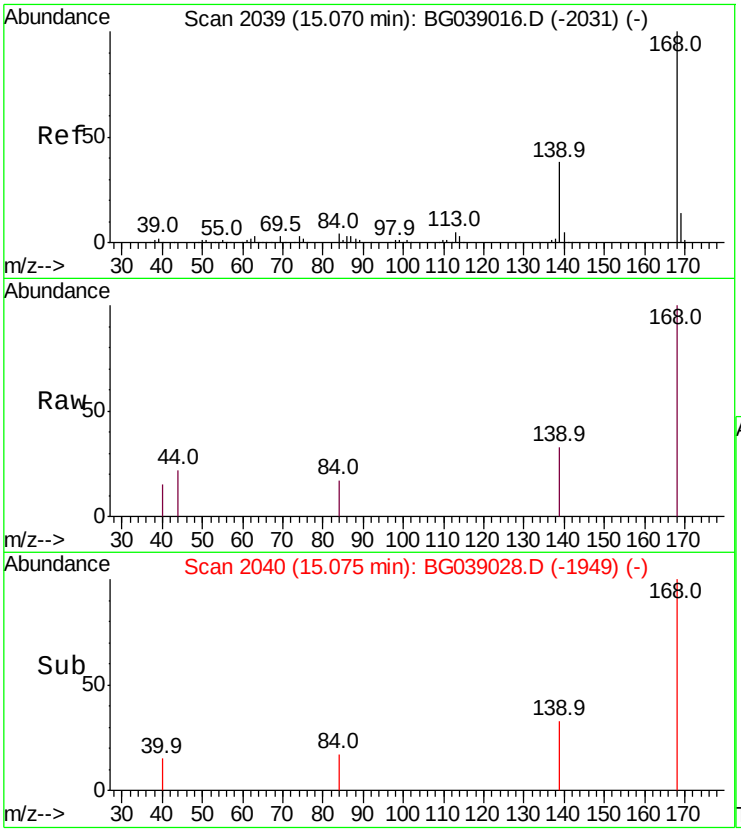




#52
Acenaphthene
Concen: 0.822 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:154 Resp: 2861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 102.1 | 87.9 | 131.9 |
| 152 | 49.9 | 42.2 | 63.2 |



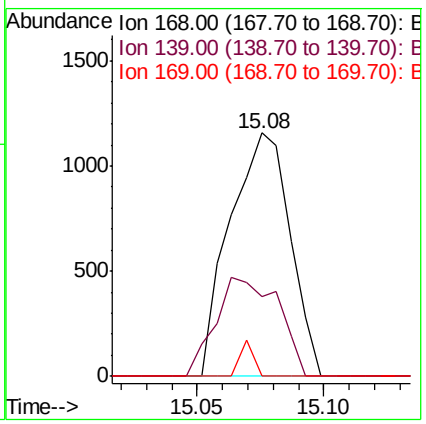


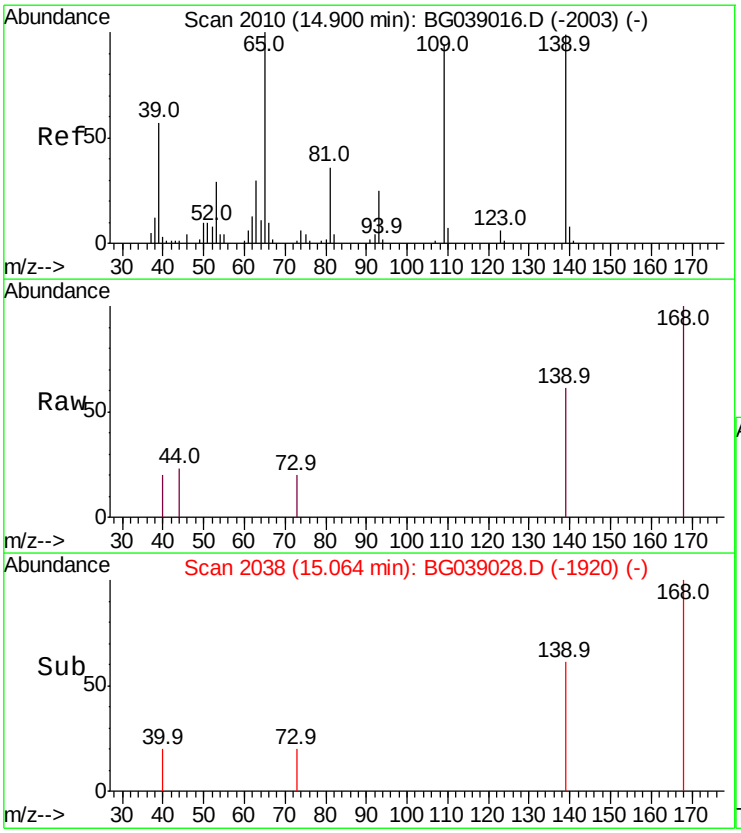

#55
Dibenzofuran
Concen: 0.312 ng
RT: 15.08 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:168 Resp: 1915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 32.8 | 30.1 | 45.1 |
| 169 | 0.0 | 10.9 | 16.3# |

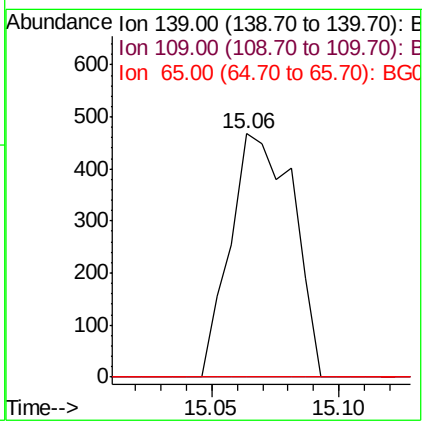


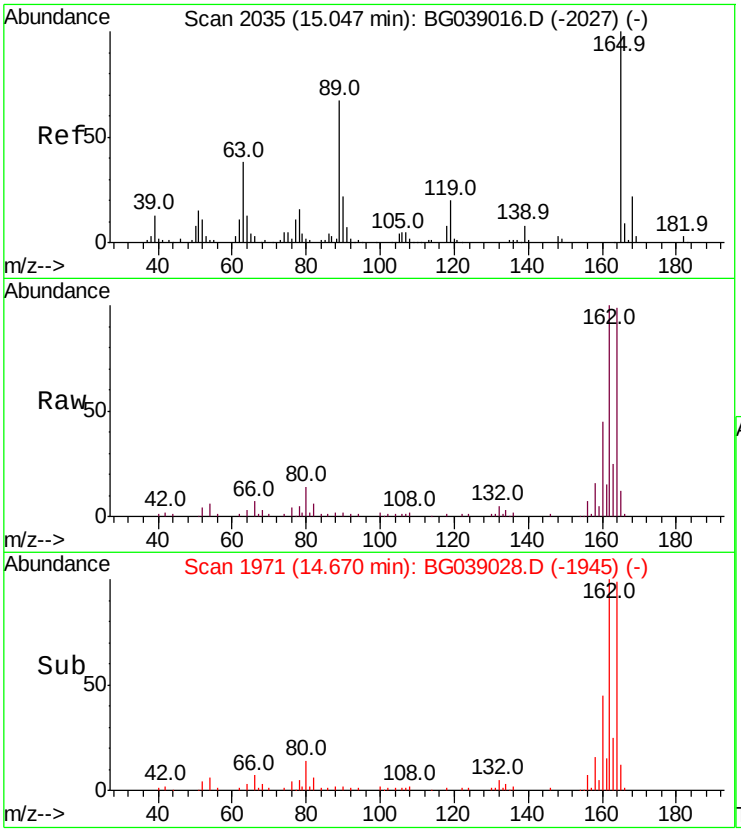




#56
4-Nitrophenol
Concen: 0.977 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.16 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:139 Resp: 810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 75.6 | 115.6# |
| 65 | 0.0 | 81.2 | 121.2# |



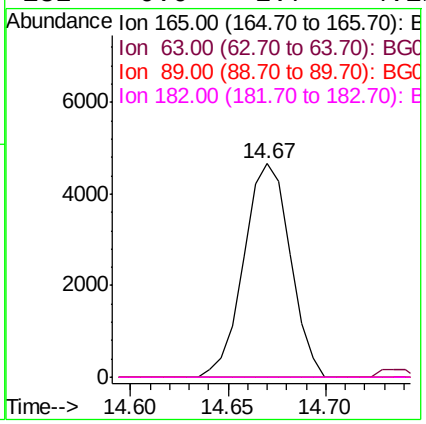


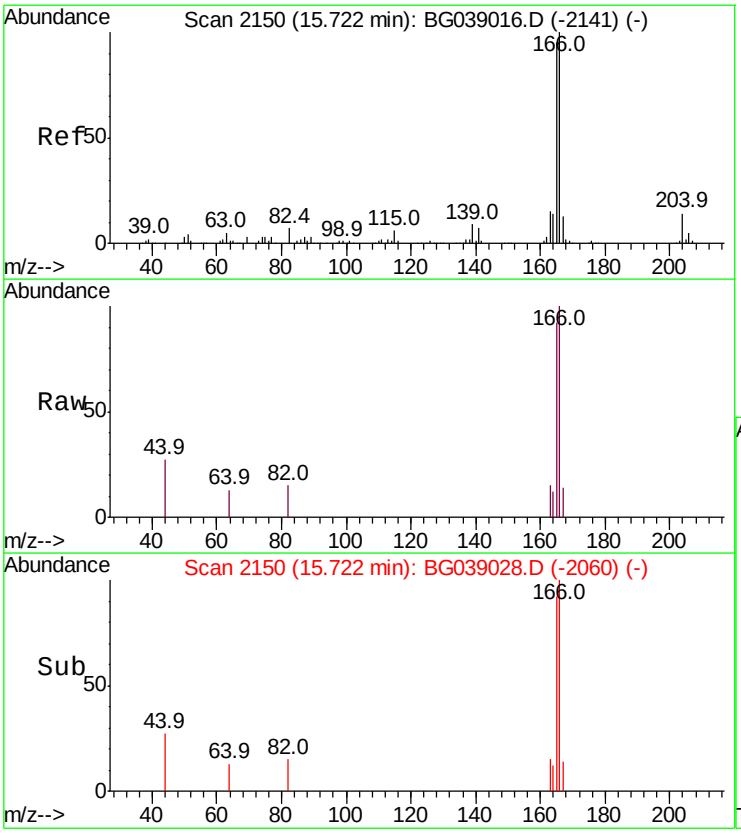

#57
2,4-Dinitrotoluene
Concen: 4.719 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.38 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:165 Resp: 7687

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 30.2 | 45.4# |
| 89 | 0.0 | 53.2 | 79.8# |
| 182 | 0.0 | 2.7 | 4.1# |

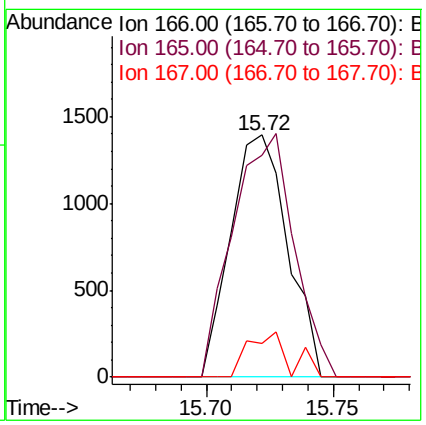


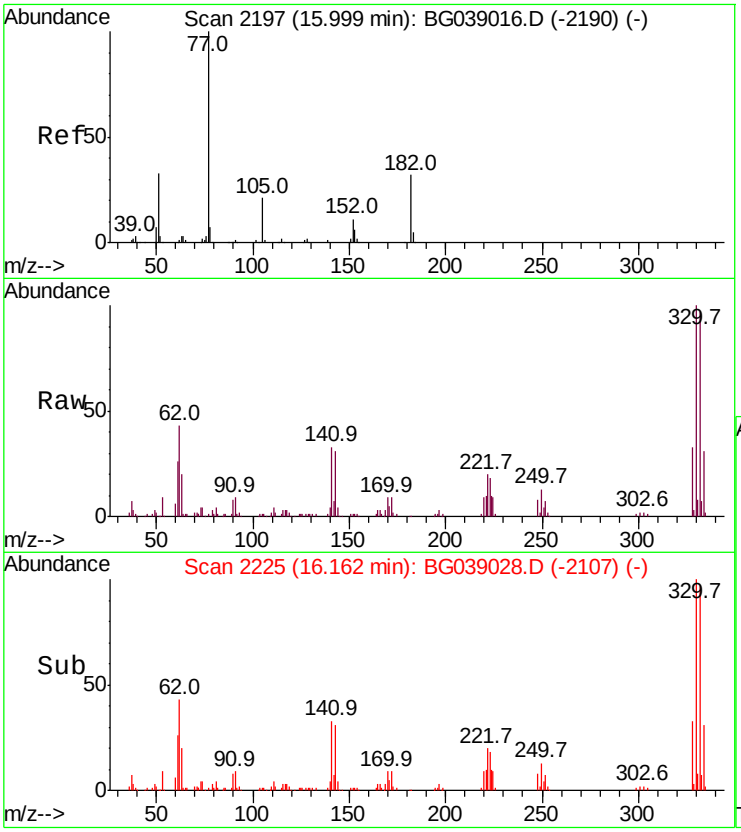




#58
Fluorene
Concen: 0.474 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:166 Resp: 2191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.8 | 76.2 | 114.2 |
| 167 | 13.8 | 10.6 | 16.0 |



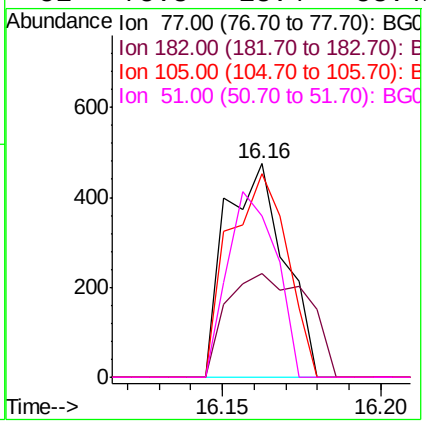


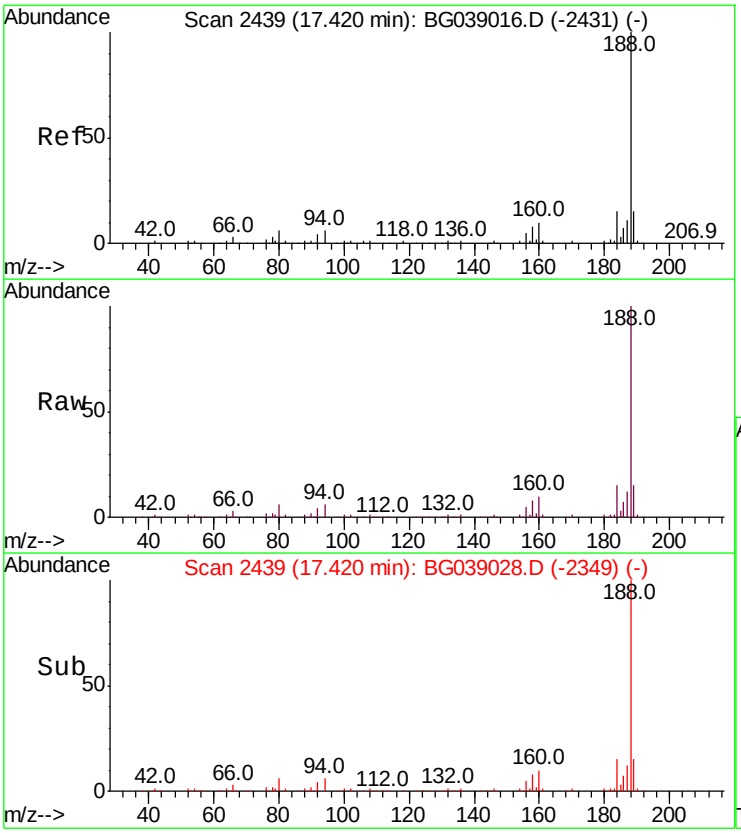

#63
Azobenzene
Concen: 0.149 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.16 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion: 77 Resp: 609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 48.8 | 12.2 | 52.2 |
| 105 | 95.2 | 1.2 | 41.2# |
| 51 | 75.8 | 13.4 | 53.4# |

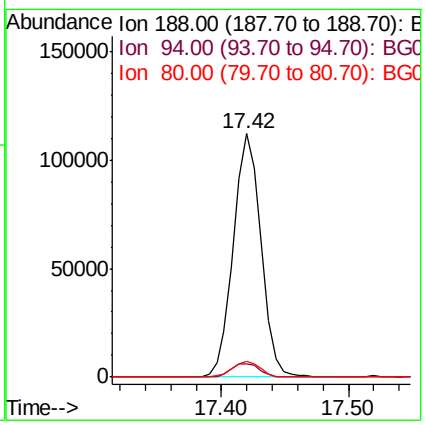


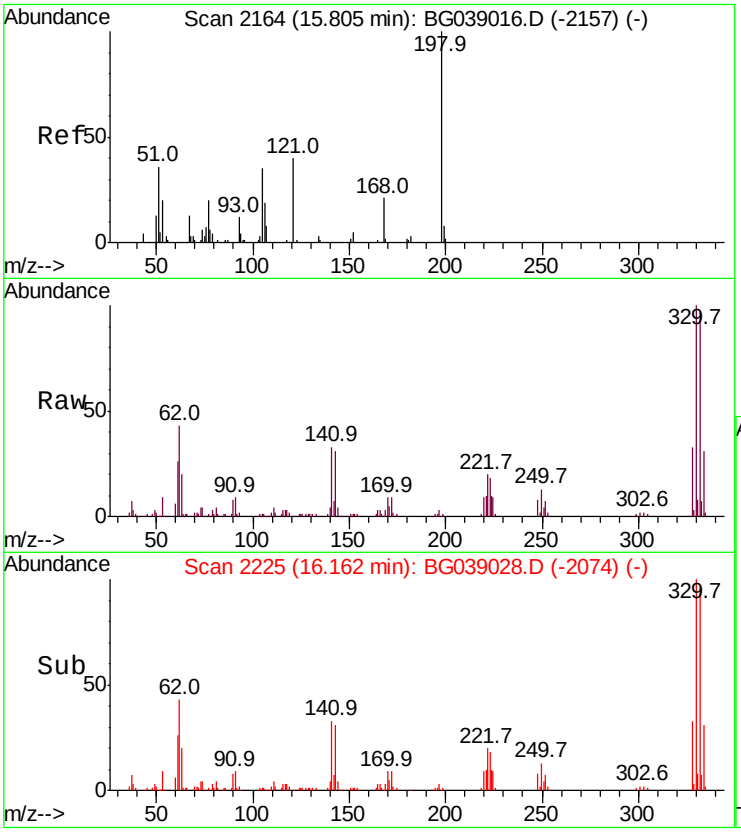




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:188 Resp: 168968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.6 | 5.0 | 7.4 |
| 80 | 6.5 | 4.7 | 7.1 |



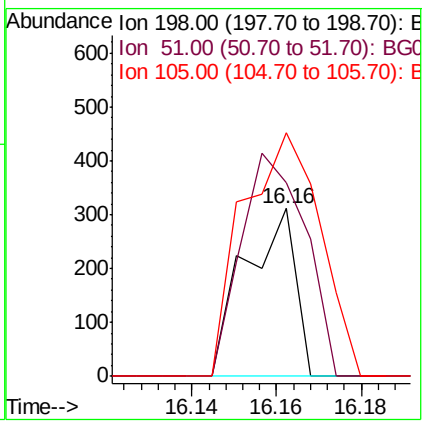


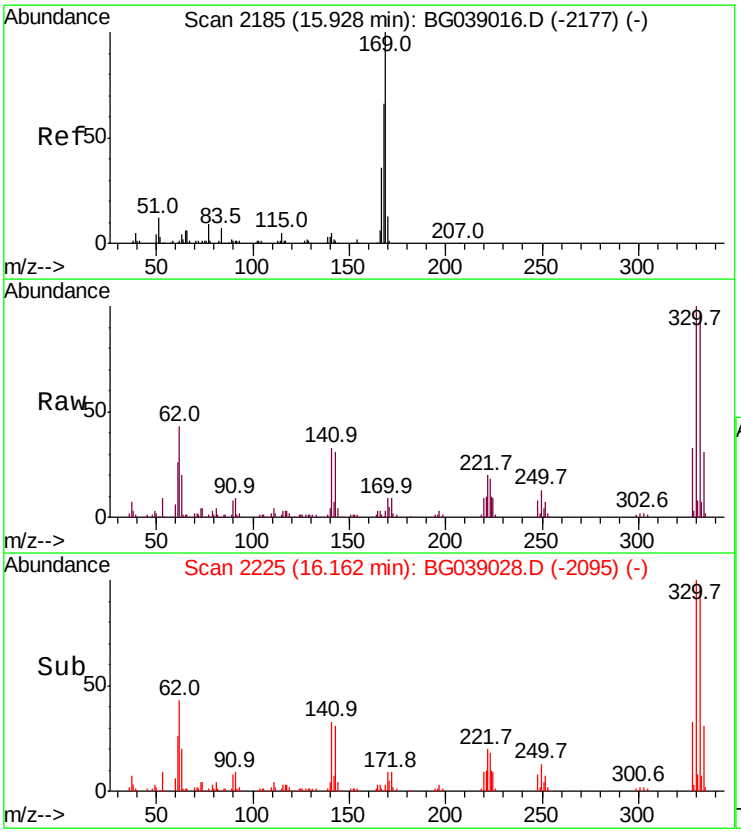

#65
4,6-Dinitro-2-methylphenol
Concen: 0.206 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.36 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:198 Resp: 258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 23.7 | 20.8 | 60.8 |
| 105 | 29.8 | 16.1 | 56.1 |

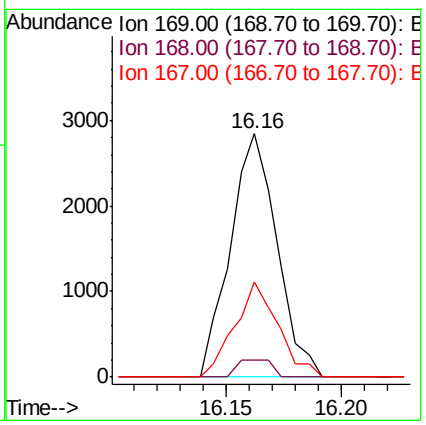


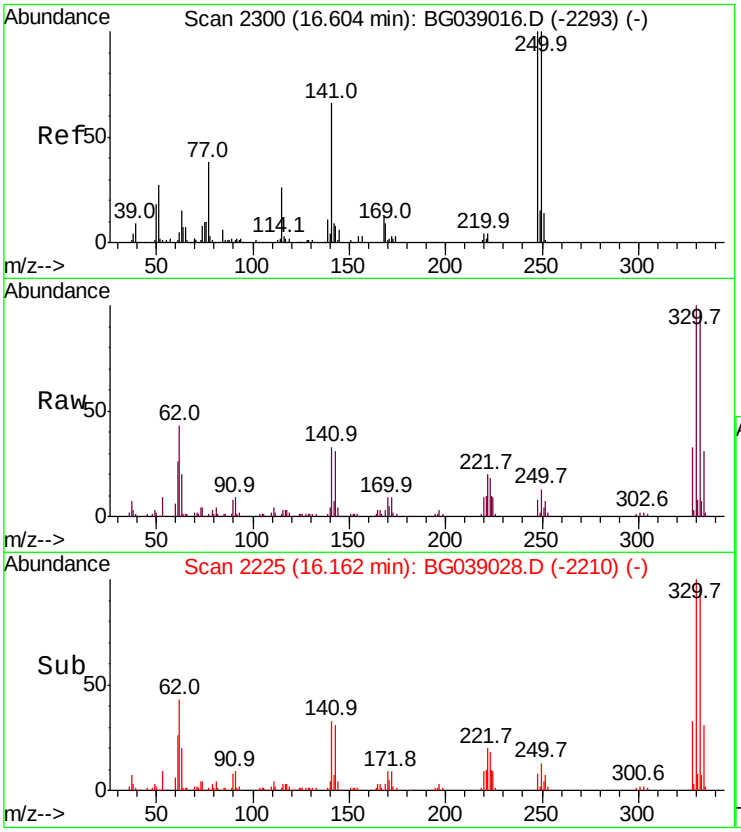




#66
n-Nitrosodiphenylamine
Concen: 0.798 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.23 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:169 Resp: 3996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 7.2 | 53.2 | 79.8# |
| 167 | 39.1 | 29.1 | 43.7 |



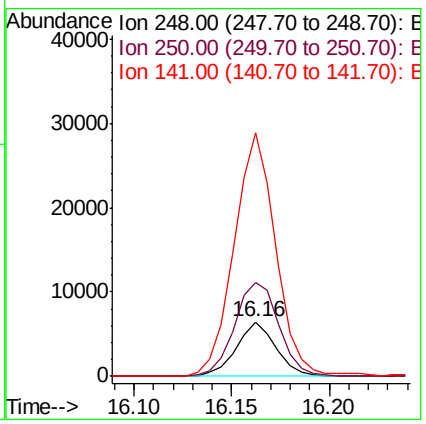


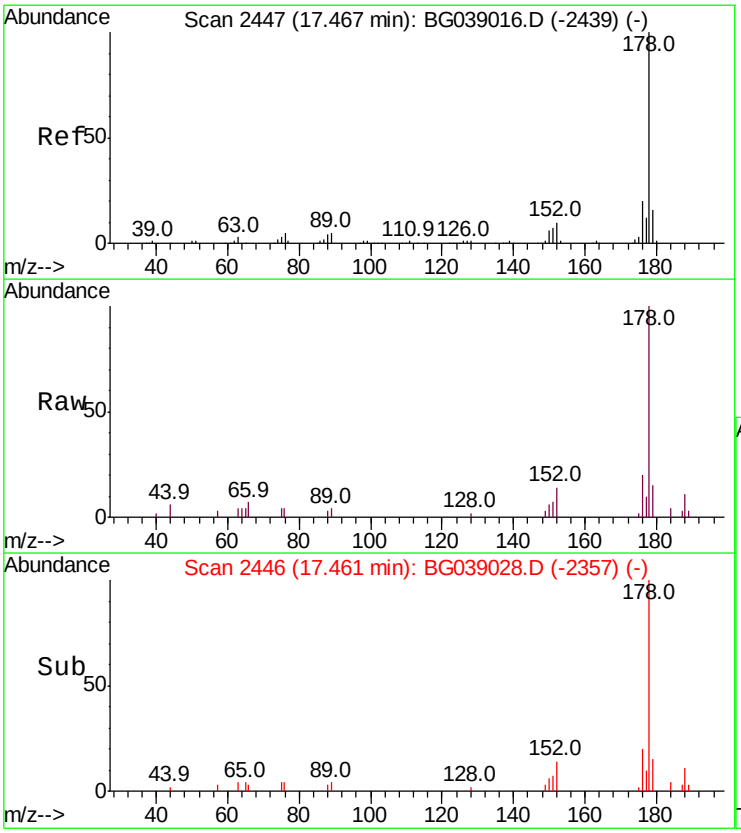

#67
4-Bromophenyl-phenylether
Concen: 4.171 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.44 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:248 Resp: 9059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 168.7 | 79.9 | 119.9# |
| 141 | 339.4 | 52.7 | 79.1# |

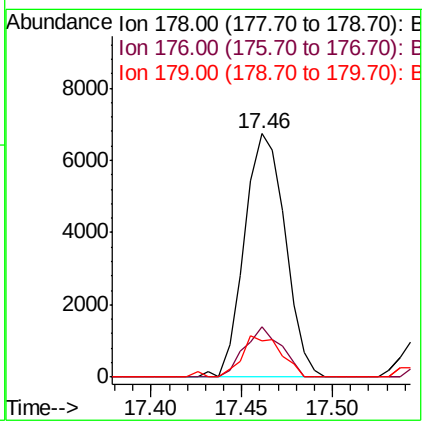


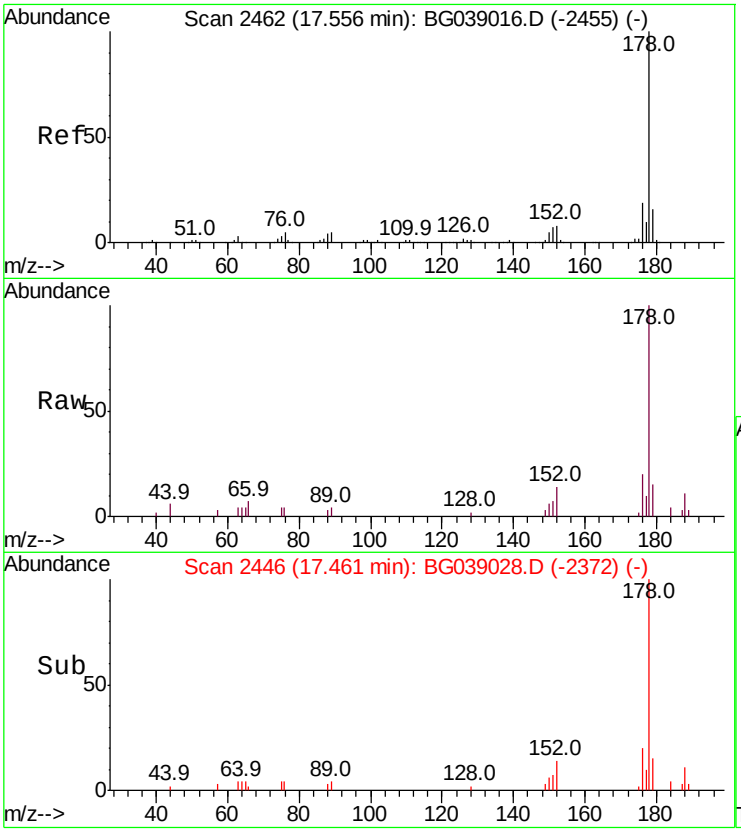




#71
Phenanthrene
Concen: 1.177 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:178 Resp: 10514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.5 | 15.7 | 23.5 |
| 179 | 15.0 | 12.9 | 19.3 |



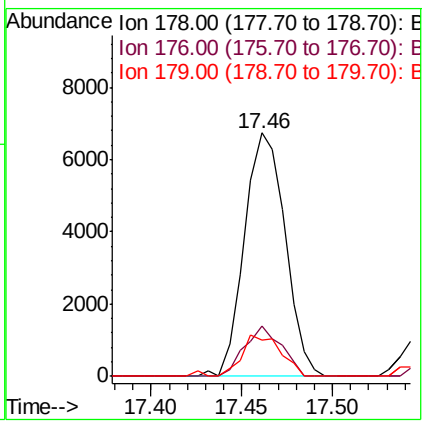


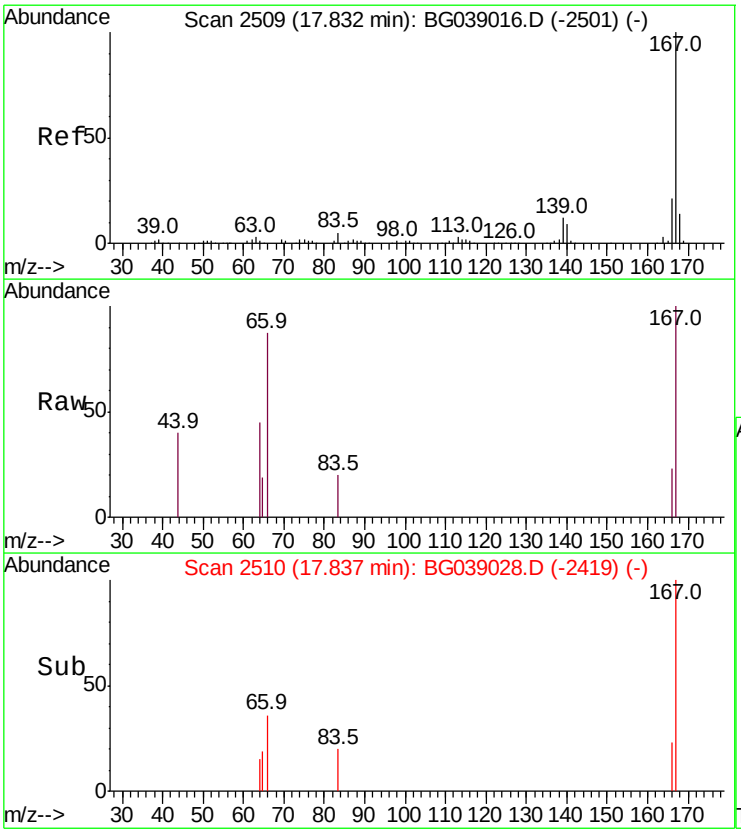

#72
Anthracene
Concen: 1.191 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.09 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:178 Resp: 10514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.5 | 14.9 | 22.3 |
| 179 | 15.0 | 13.0 | 19.4 |

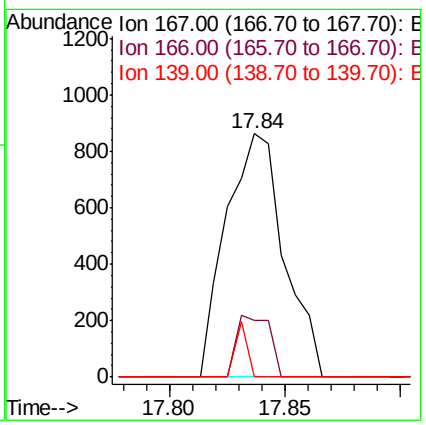


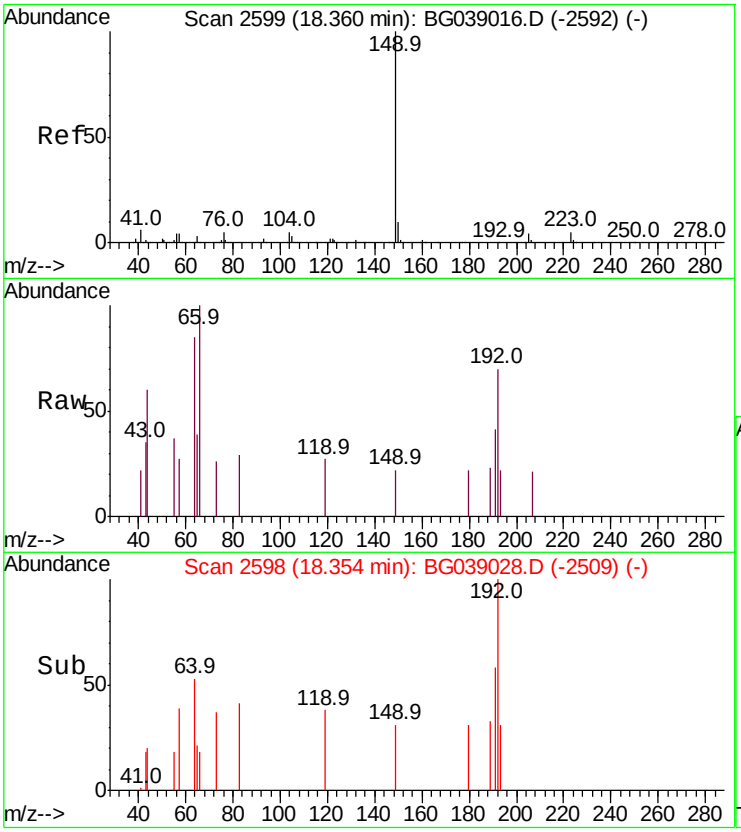




#73
Carbazole
Concen: 0.173 ng
RT: 17.84 min Scan# 2510
Delta R.T. 0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:167 Resp: 1507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.4 | 16.9 | 25.3 |
| 139 | 0.0 | 10.0 | 15.0# |



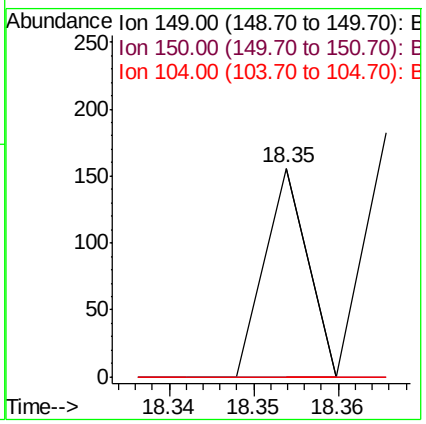


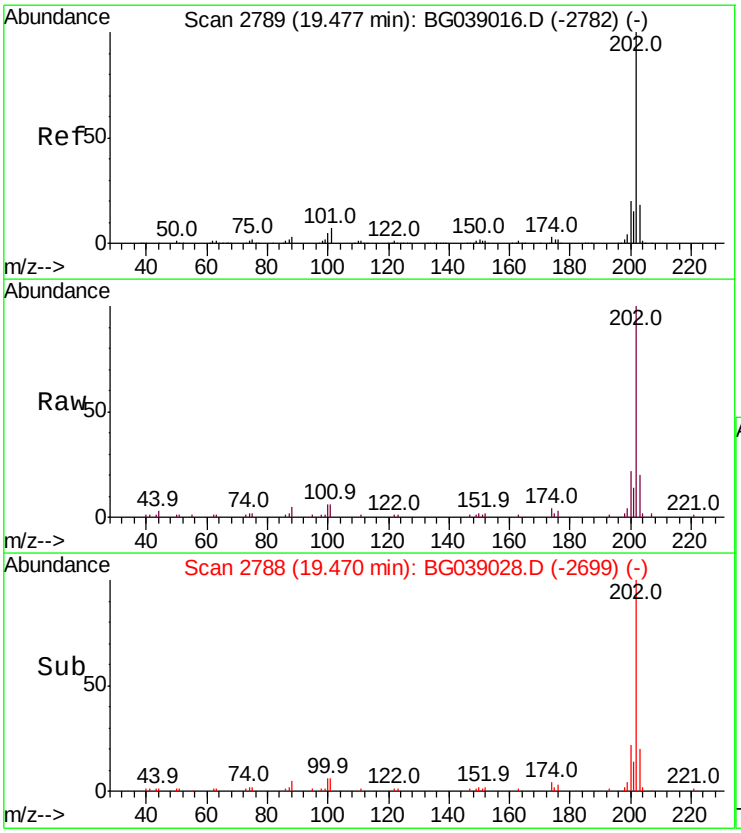

#74
Di-n-butylphthalate
Concen: 0.006 ng
RT: 18.35 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:149 Resp: 55

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 7.9 | 11.9# |
| 104 | 0.0 | 4.2 | 6.2# |

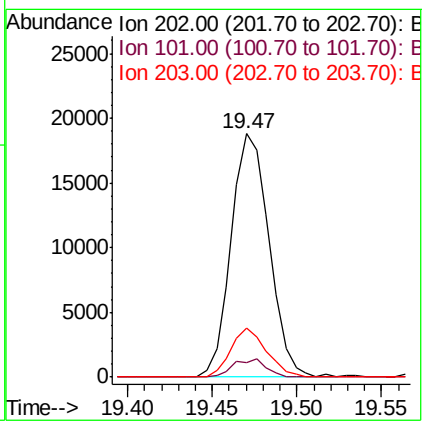


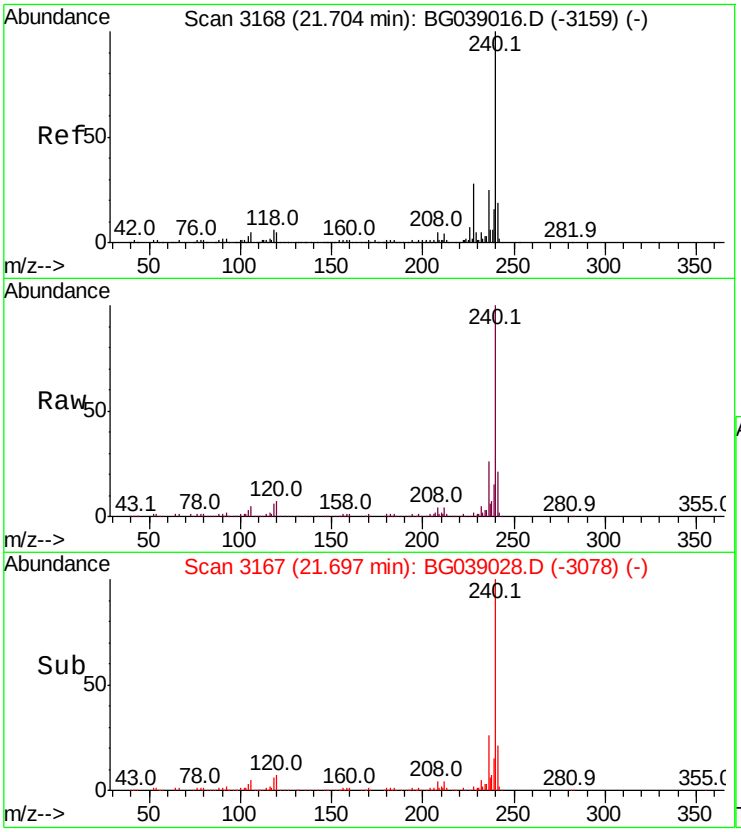




#75
Fluoranthene
Concen: 2.648 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:202 Resp: 29317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.1 | 0.0 | 26.9 |
| 203 | 20.3 | 0.0 | 38.1 |



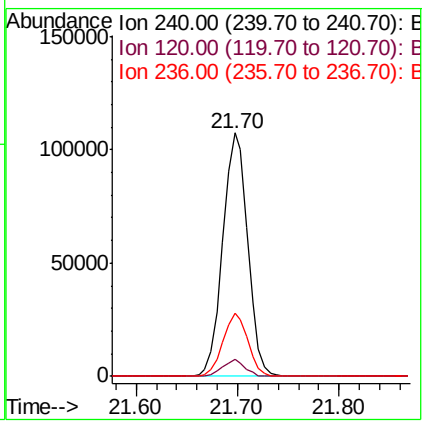


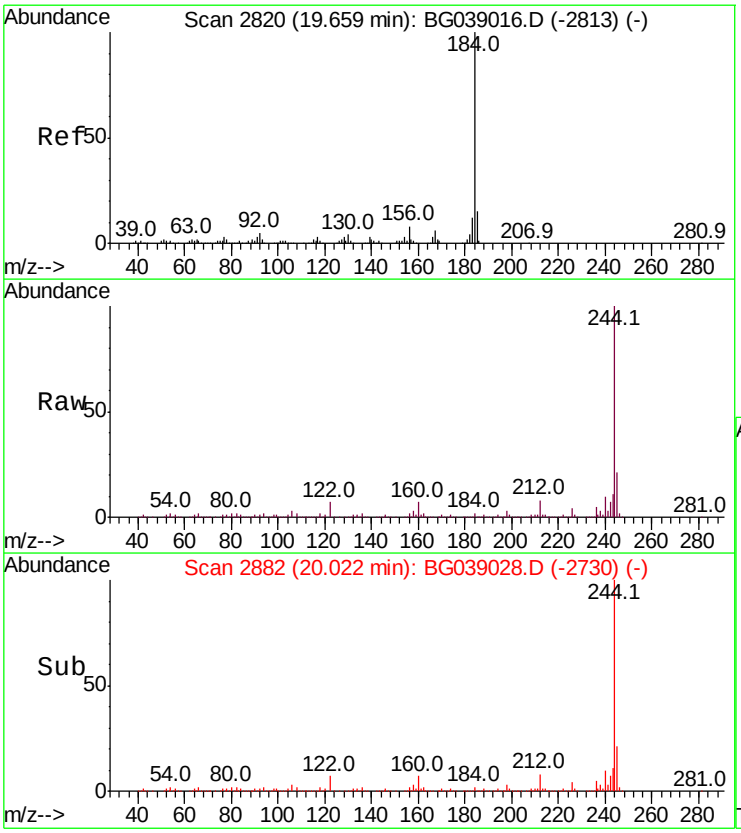

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:240 Resp: 182991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.8 | 4.3 | 6.5# |
| 236 | 25.7 | 20.1 | 30.1 |

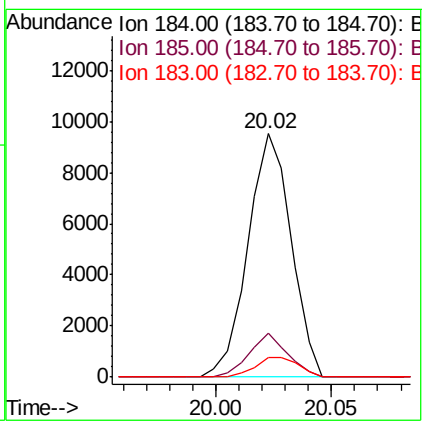


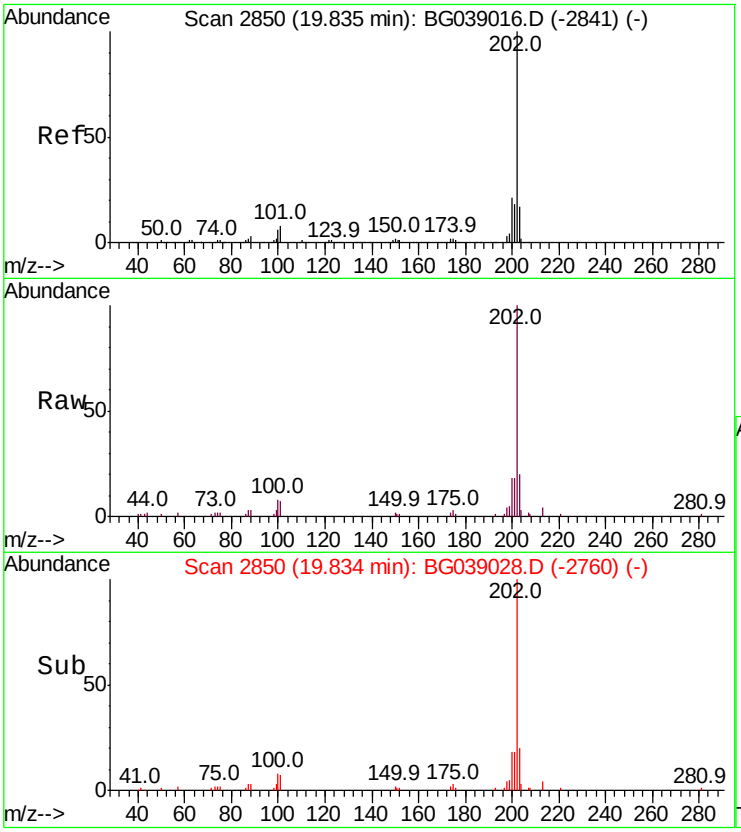




#77
Benzidine
Concen: 2.212 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:184 Resp: 12381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 18.2 | 12.1 | 18.1# |
| 183 | 7.8 | 9.5 | 14.3# |



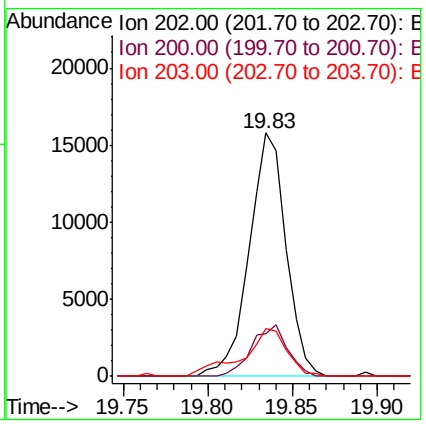


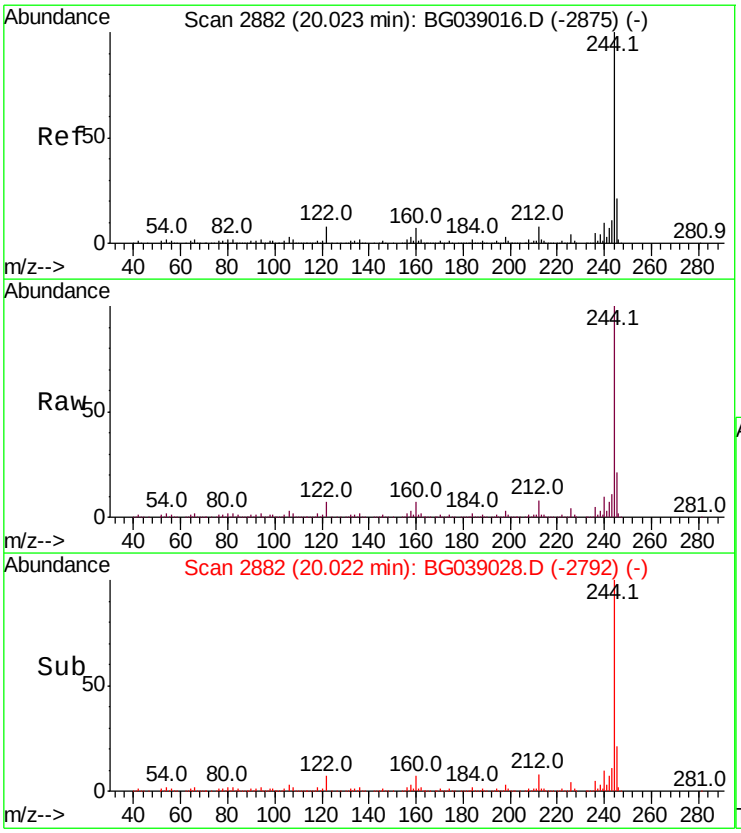

#78
Pyrene
Concen: 2.048 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:202 Resp: 23880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 17.6 | 17.0 | 25.6 |
| 203 | 19.7 | 14.0 | 21.0 |

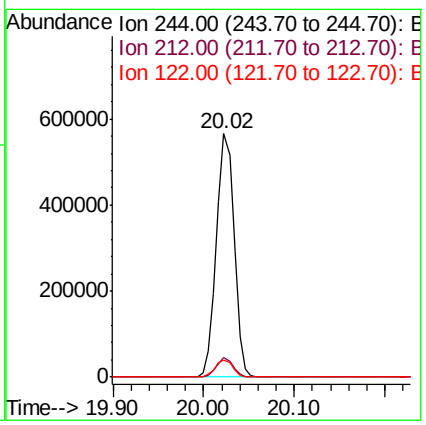


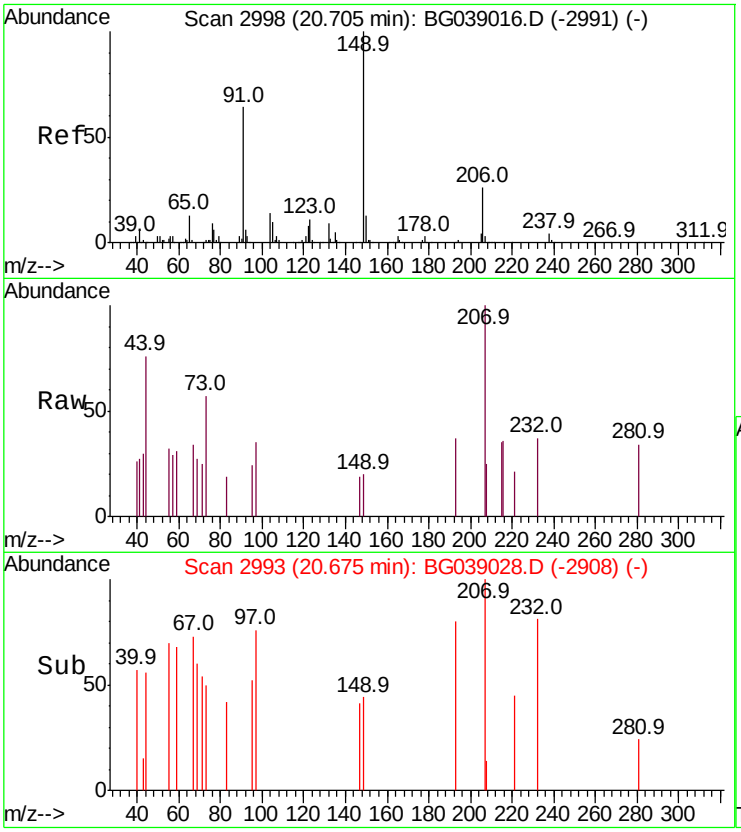




#79
Terphenyl-d14
Concen: 77.366 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:244 Resp: 765306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.0 | 6.1 | 9.1 |
| 122 | 6.9 | 6.1 | 9.1 |



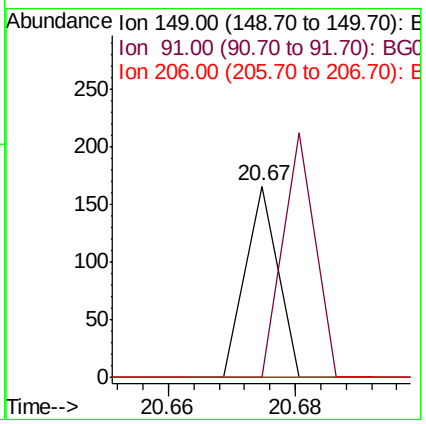


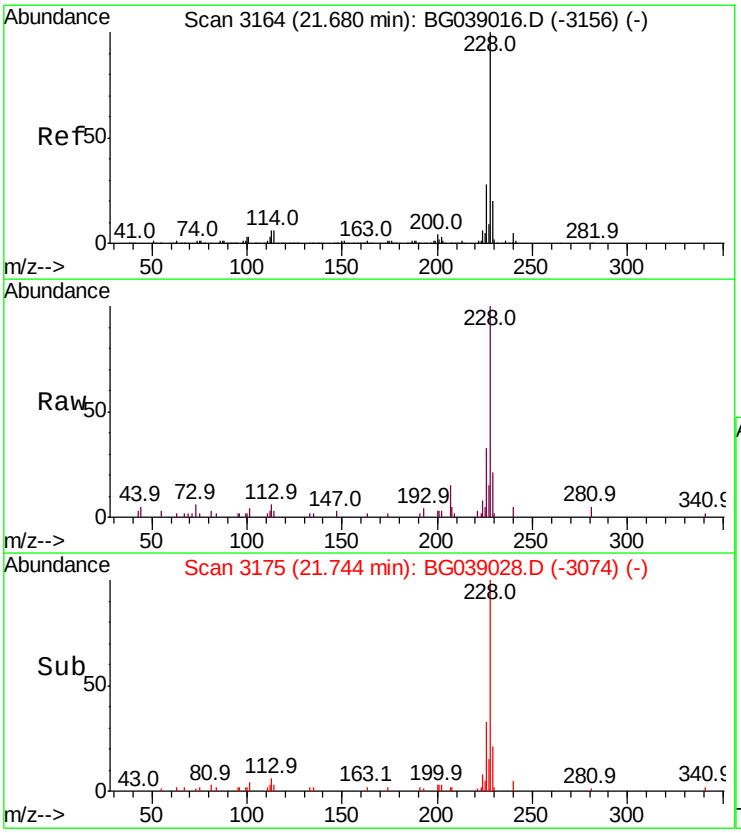

#80
Butylbenzylphthalate
Concen: 0.013 ng
RT: 20.67 min Scan# 2993
Delta R.T. -0.03 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:149 Resp: 59

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 0.0 | 51.4 | 77.0# |
| 206 | 0.0 | 20.4 | 30.6# |

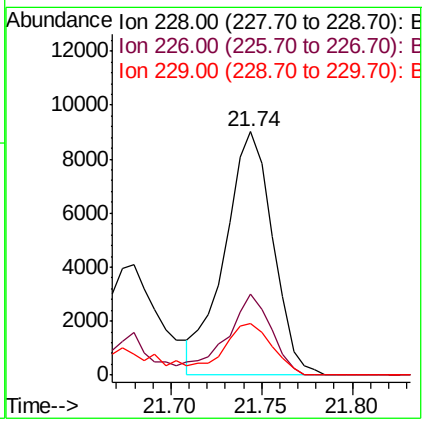


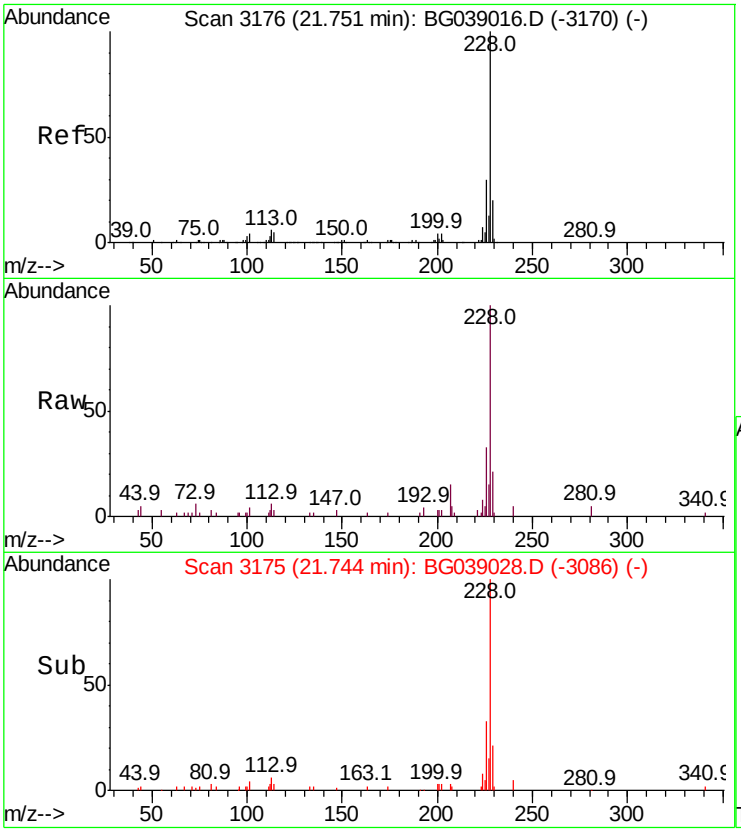




#81
Benzo(a)anthracene
Concen: 1.496 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.06 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:228 Resp: 16663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.4 | 22.4 | 33.6 |
| 229 | 21.0 | 16.2 | 24.2 |



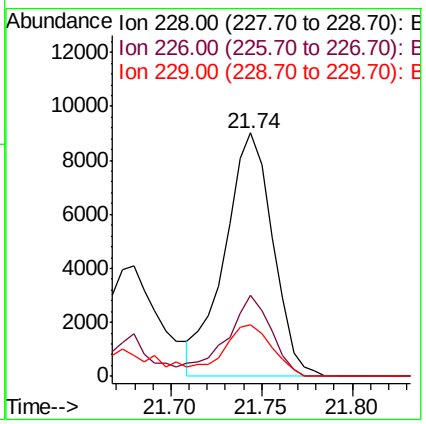


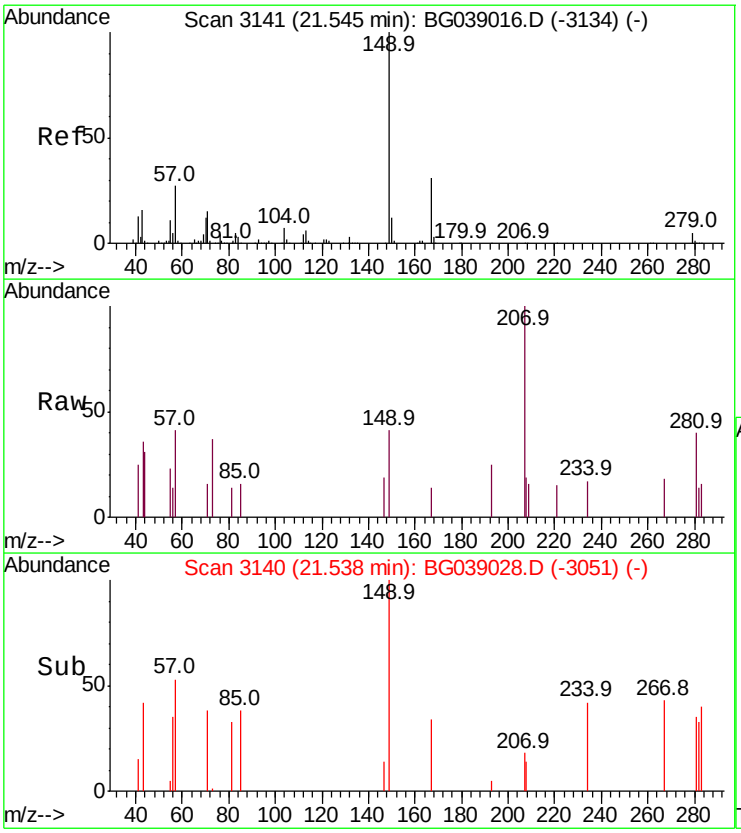

#83
Chrysene
Concen: 1.573 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:228 Resp: 16663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.4 | 24.1 | 36.1 |
| 229 | 21.0 | 16.0 | 24.0 |

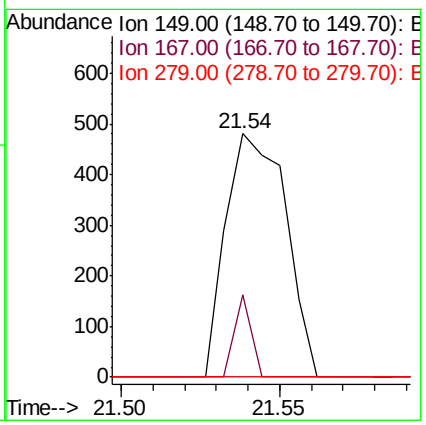


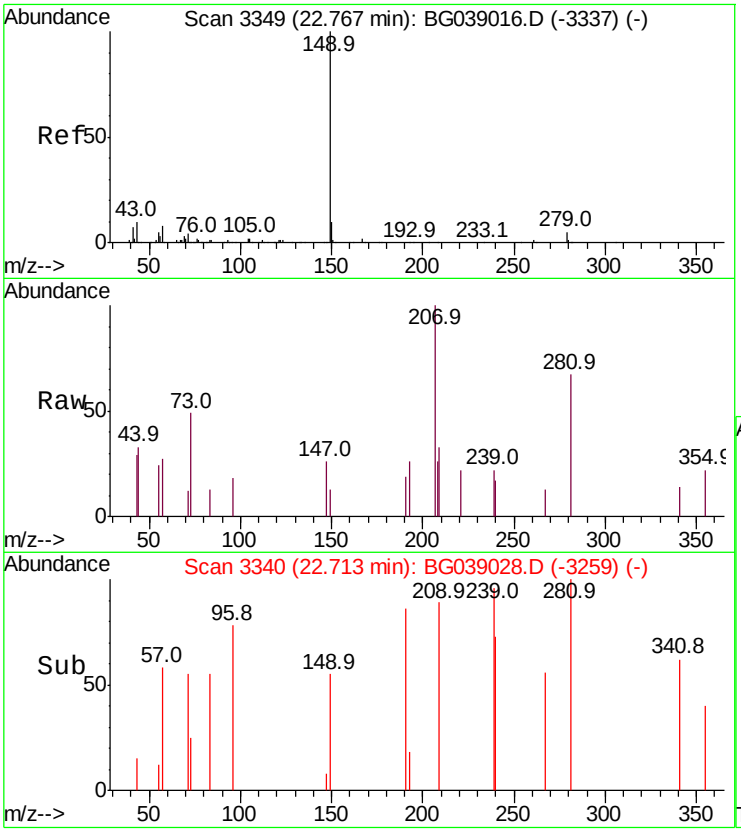




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:149 Resp: 626

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 33.9 | 25.0 | 37.4 |
| 279 | 0.0 | 4.3 | 6.5# |



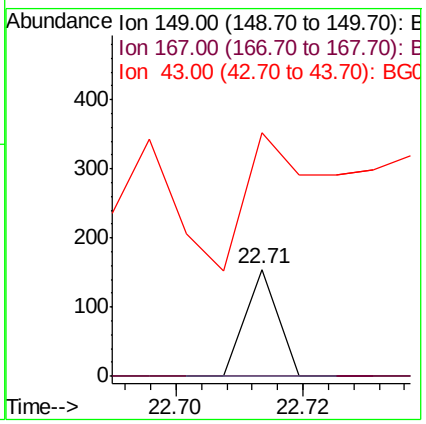


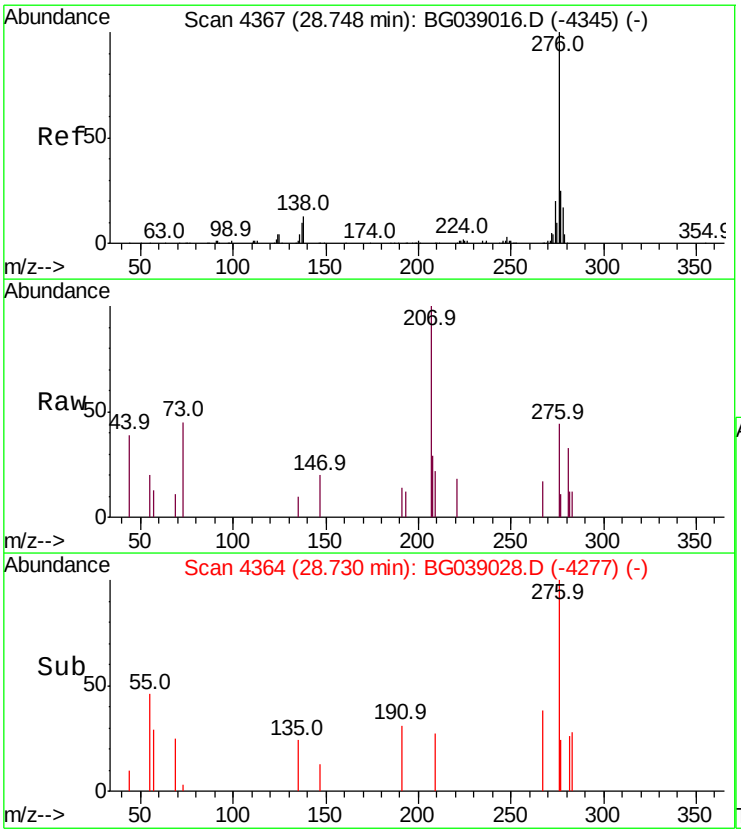

#85
Di-n-octyl phthalate
Concen: 0.005 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.05 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:149 Resp: 54

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.3 | 1.9# |
| 43 | 1135.2 | 7.5 | 11.3# |

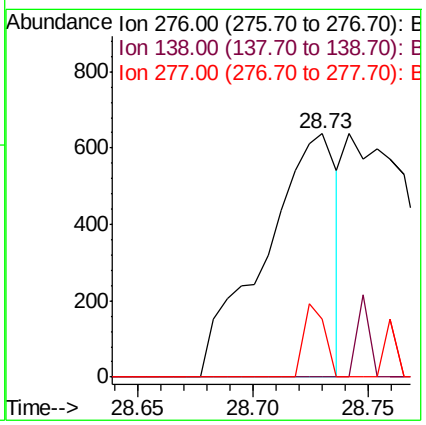


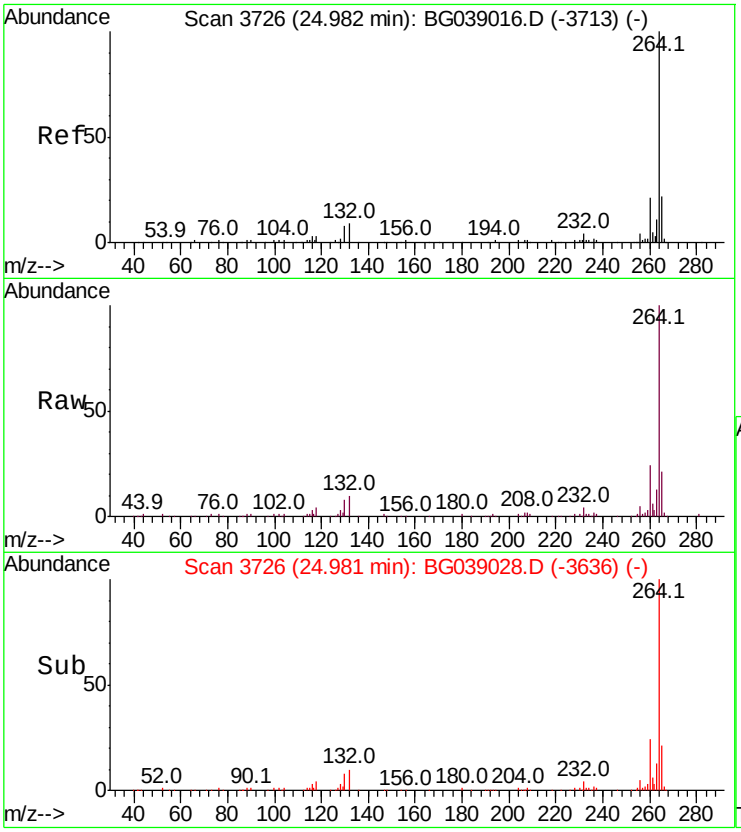




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:276 Resp: 1385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 8.0 | 12.0# |
| 277 | 8.8 | 20.3 | 30.5# |



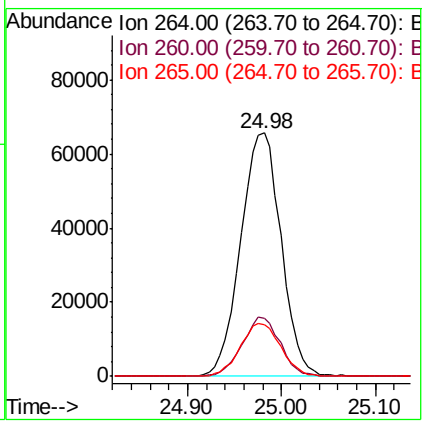


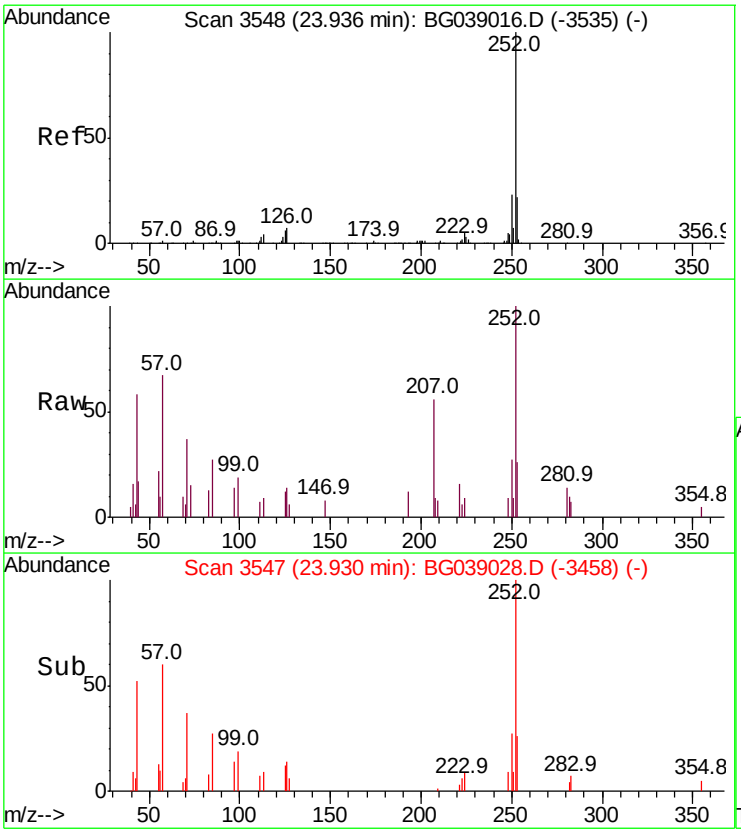

#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:264 Resp: 195281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 17.0 | 25.6 |
| 265 | 21.4 | 17.2 | 25.8 |

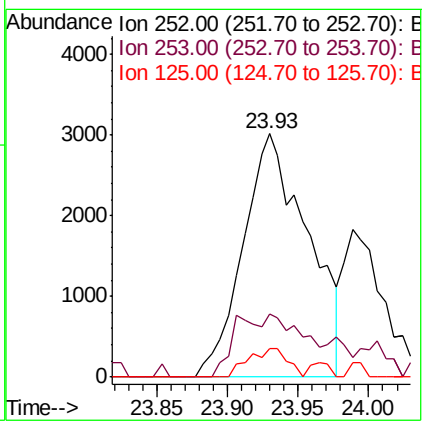


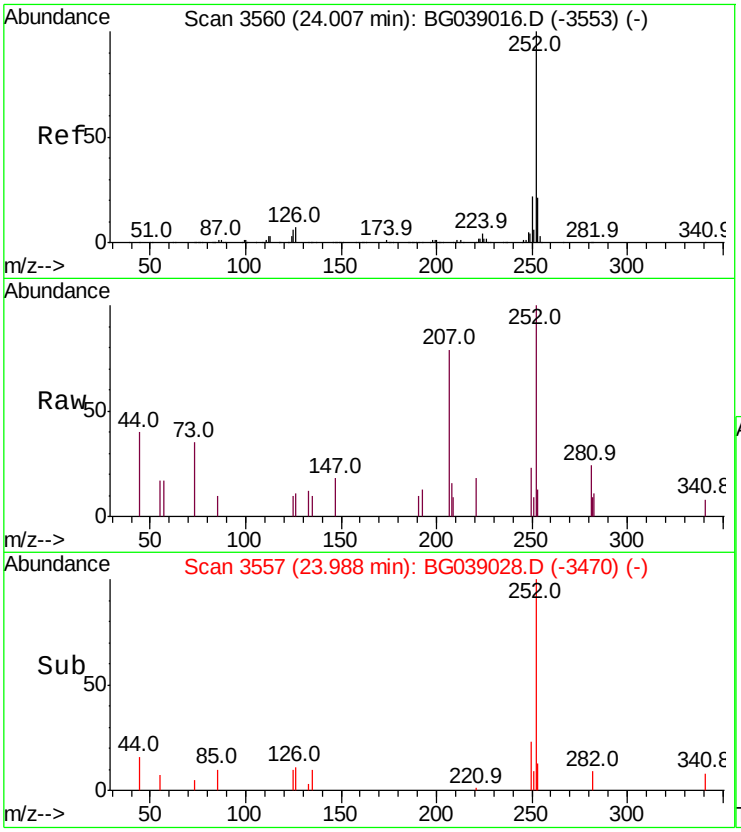




#88
Benzo(b)fluoranthene
Concen: 0.897 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:252 Resp: 9664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.9 | 17.8 | 26.6 |
| 125 | 11.9 | 4.9 | 7.3# |



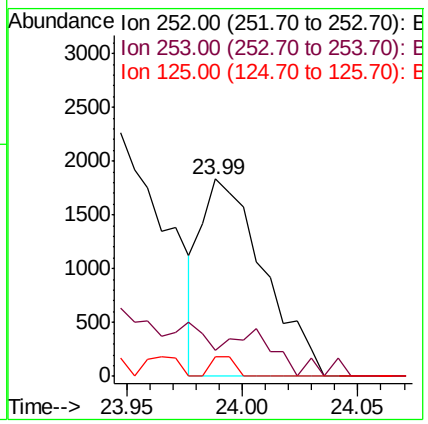


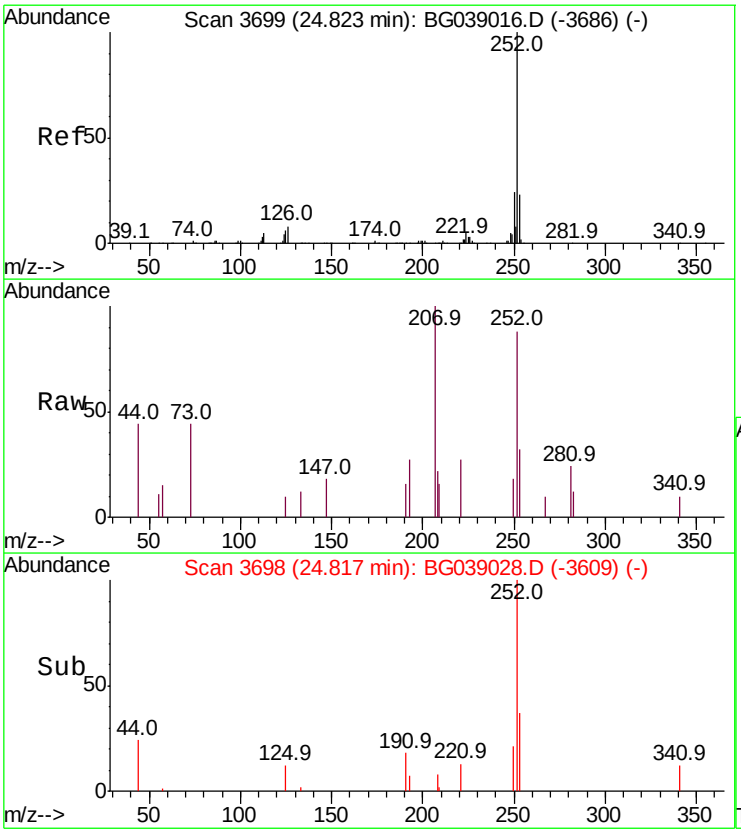

#89
Benzo(k)fluoranthene
Concen: 0.324 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.02 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:252 Resp: 3452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 12.9 | 17.1 | 25.7# |
| 125 | 10.1 | 4.6 | 7.0# |

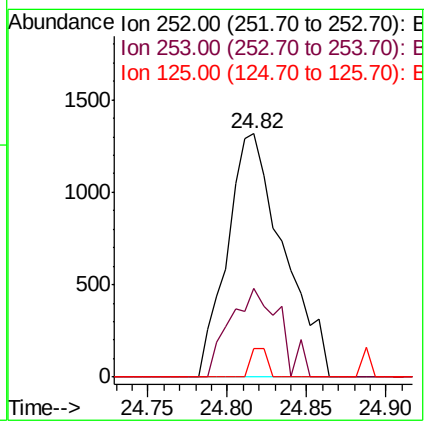


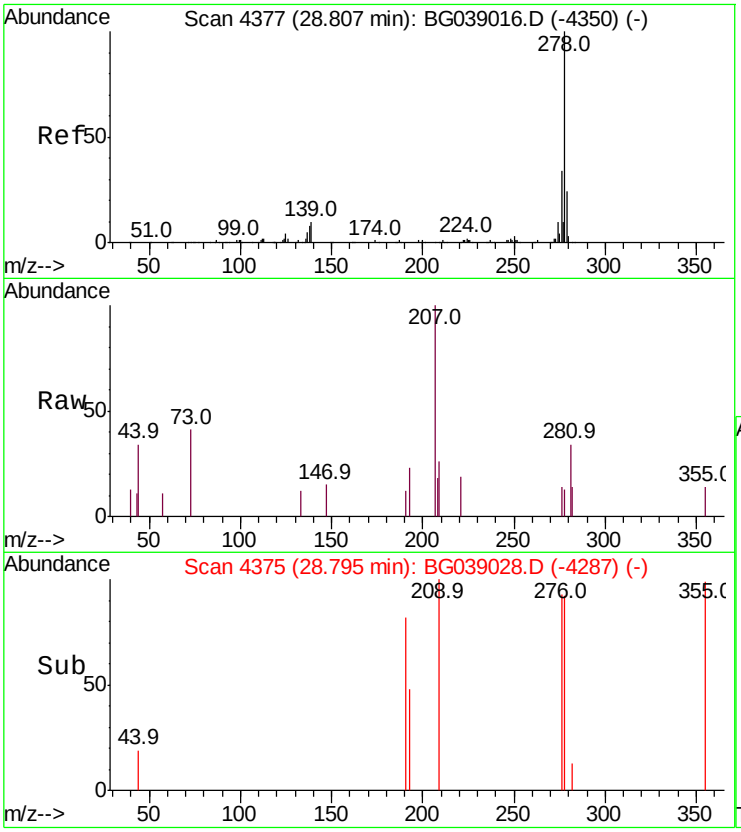




#90
Benzo(a)pyrene
Concen: 0.311 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:252 Resp: 3240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 36.7 | 18.3 | 27.5# |
| 125 | 11.5 | 4.9 | 7.3# |



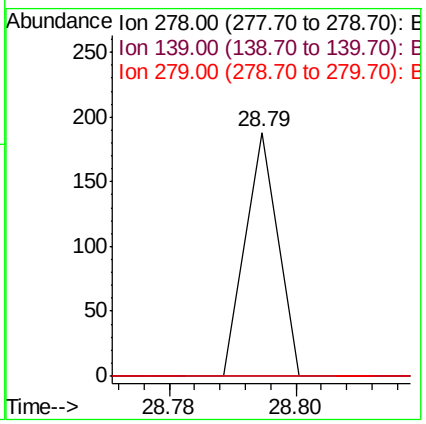


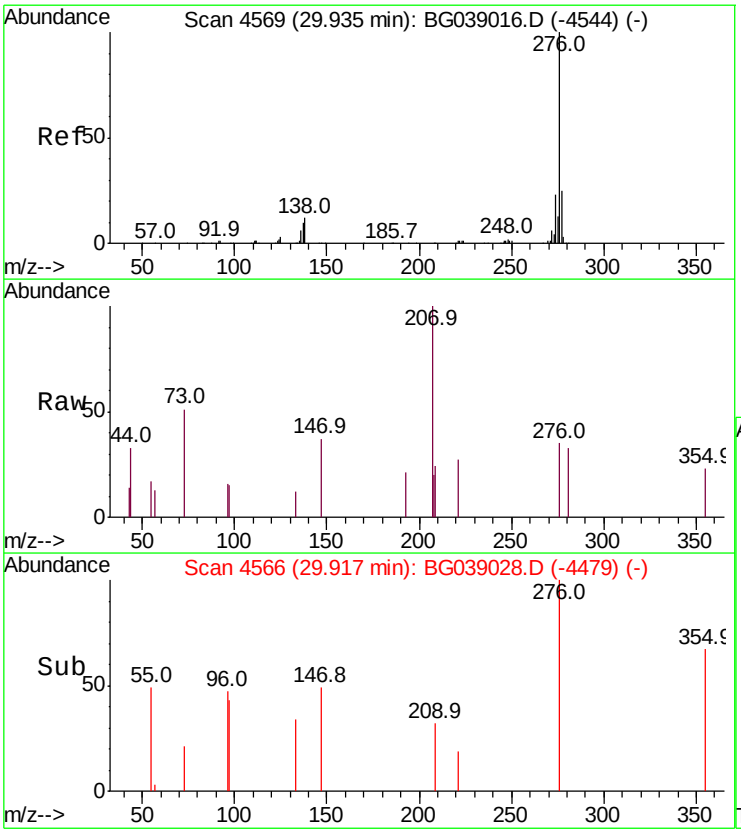

#91
Dibenzo(a,h)anthracene
Concen: 0.006 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

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

Tgt Ion:278 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 7.9 | 11.9# |
| 279 | 0.0 | 19.3 | 28.9# |




#92
Benzo(g,h,i)perylene
Concen: 0.199 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.02 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:276 Resp: 2037

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 0.0 | 20.3 | 30.5# |
| 138 | 0.0 | 9.4 | 14.2# |