Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
Data File : BG040468.D
Acq On : 12 Apr 2019 19:30
Operator : JU/SJ
Sample : PB118836BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 12 22:43:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.05 | 152 | 39347 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.86 | 136 | 152578 | 20.00 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.67 | 164 | 97616 | 20.00 | ng | -0.03 |
| 64) Phenanthrene-d10 | 17.42 | 188 | 270550 | 20.00 | ng | -0.03 |
| 76) Chrysene-d12 | 21.69 | 240 | 321147 | 20.00 | ng | -0.04 |
| 87) Perylene-d12 | 24.97 | 264 | 321957 | 20.00 | ng | -0.06 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.60 | 112 | 266010 | 112.39 | ng | -0.02 |
| 7) Phenol-d6 | 7.20 | 99 | 365746 | 111.81 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 9.22 | 82 | 213903 | 74.52 | ng | -0.03 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 130104 | 123.32 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.29 | 172 | 507254 | 77.00 | ng | -0.03 |
| 79) Terphenyl-d14 | 20.02 | 244 | 984696 | 68.98 | ng | -0.03 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.50 | 88 | 225 | 0.202 | ng | # 15 |
| 4) n-Nitrosodimethylamine | 3.82 | 42 | 328 | 0.237 | ng | # 1 |
| 6) Aniline | 7.57 | 93 | 327 | 0.077 | ng | # 1 |
| 8) 2-Chlorophenol | 7.56 | 128 | 64 | 0.023 | ng | # 1 |
| 9) Benzaldehyde | 7.20 | 77 | 322 | 0.144 | ng | # 2 |
| 10) Phenol | 7.19 | 94 | 56 | 0.016 | ng | # 1 |
| 11) bis(2-Chloroethyl)ether | 7.57 | 93 | 327 | 0.115 | ng | # 1 |
| 15) Benzyl Alcohol | 8.36 | 79 | 3286 | 1.247 | ng | # 52 |
| 19) n-Nitroso-di-n-propylamine | 9.22 | 70 | 25924 | 11.054 | ng | # 71 |
| 24) Nitrobenzene | 9.22 | 77 | 535 | 0.180 | ng | # 38 |
| 25) Isophorone | 9.50 | 82 | 323 | 0.055 | ng | # 67 |
| 26) 2-Nitrophenol | 10.40 | 139 | 71 | 0.050 | ng | # 32 |
| 28) bis(2-Chloroethoxy)methane | 10.10 | 93 | 67 | 0.019 | ng | # 49 |
| 35) Caprolactam | 11.76 | 113 | 62 | 0.064 | ng | # 1 |
| 46) 1,1'-Biphenyl | 13.51 | 154 | 641 | 0.083 | ng | 78 |
| 48) 2-Nitroaniline | 13.29 | 65 | 875 | 0.438 | ng | # 1 |
| 51) 2,6-Dinitrotoluene | 14.67 | 165 | 12698 | 7.402 | ng | # 24 |
| 52) Acenaphthene | 14.67 | 154 | 269 | 0.047 | ng | # 3 |
| 54) 2,4-Dinitrophenol | 14.73 | 184 | 79 | 0.087 | ng | # 18 |
| 56) 4-Nitrophenol | 14.70 | 139 | 62 | 0.042 | ng | # 5 |
| 57) 2,4-Dinitrotoluene | 14.67 | 165 | 12698 | 5.327 | ng | # 24 |
| 58) Fluorene | 16.16 | 166 | 6391 | 0.880 | ng | # 77 |
| 62) 4-Nitroaniline | 16.17 | 138 | 110 | 0.056 | ng | # 1 |
| 63) Azobenzene | 16.15 | 77 | 713 | 0.097 | ng | # 1 |
| 65) 4,6-Dinitro-2-methylphenol | 16.15 | 198 | 130 | 0.086 | ng | # 67 |
| 66) n-Nitrosodiphenylamine | 16.16 | 169 | 4772 | 0.603 | ng | # 43 |
| 67) 4-Bromophenyl-phenylether | 16.16 | 248 | 10018 | 3.290 | ng | # 1 |
| 74) Di-n-butylphthalate | 18.37 | 149 | 121 | 0.008 | ng | # 77 |
| 77) Benzidine | 20.02 | 184 | 15320 | 1.321 | ng | # 88 |
| 78) Pyrene | 20.02 | 202 | 3511 | 0.166 | ng | # 57 |
| 80) Butylbenzylphthalate | 20.67 | 149 | 74 | 0.008 | ng | # 23 |
| 81) Benzo(a)anthracene | 21.70 | 228 | 853 | 0.043 | ng | # 51 |
| 82) 3,3'-Dichlorobenzidine | 21.48 | 252 | 62 | 0.008 | ng | # 26 |
| 83) Chrysene | 21.70 | 228 | 853 | 0.045 | ng | # 48 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
Data File : BG040468.D
Acq On : 12 Apr 2019 19:30
Operator : JU/SJ
Sample : PB118836BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 12 22:43:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149 | 118 | 0.009 | ng | # | 50 |
| 85) Di-n-octyl phthalate | 22.77 | 149 | 315 | 0.014 | ng | # | 1 |
| 86) Indeno(1,2,3-cd)pyrene | 28.76 | 276 | 56 | 0.002 | ng | # | 50 |
| 88) Benzo(b)fluoranthene | 23.92 | 252 | 126 | 0.006 | ng | # | 60 |
| 89) Benzo(k)fluoranthene | 24.03 | 252 | 63 | 0.003 | ng | # | 59 |
| 90) Benzo(a)pyrene | 24.96 | 252 | 1132 | 0.061 | ng | # | 75 |
| 91) Dibenzo(a,h)anthracene | 28.71 | 278 | 53 | 0.003 | ng | # | 57 |

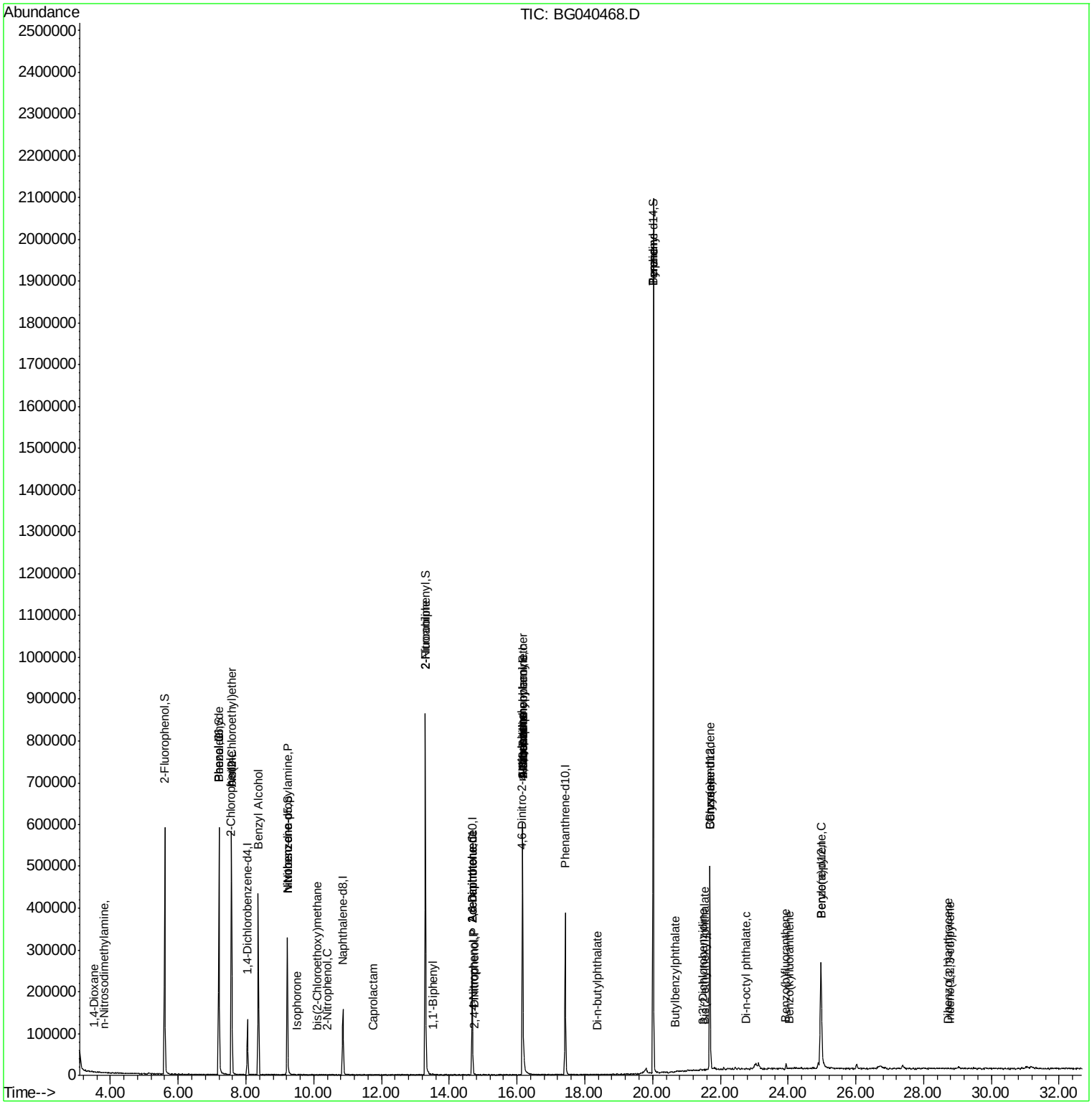
(#) = qualifier out of range (m) = manual integration (+) = signals summed

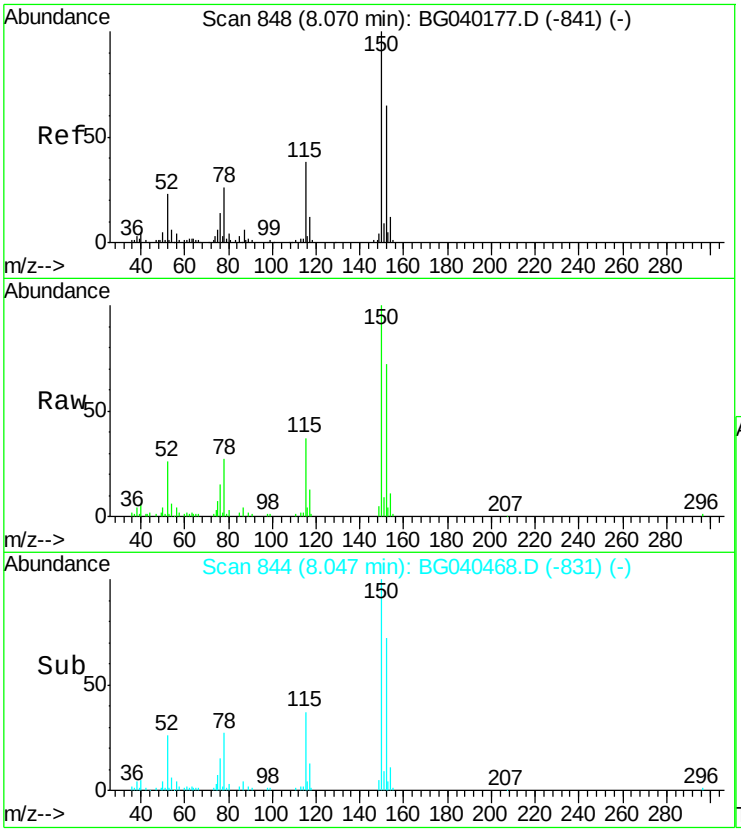
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
Data File : BG040468.D
Acq On : 12 Apr 2019 19:30
Operator : JU/SJ
Sample : PB118836BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 12 22:43:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration



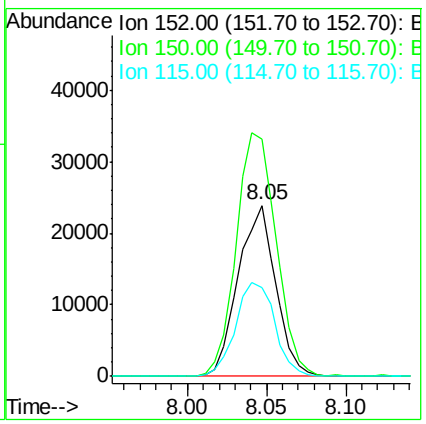


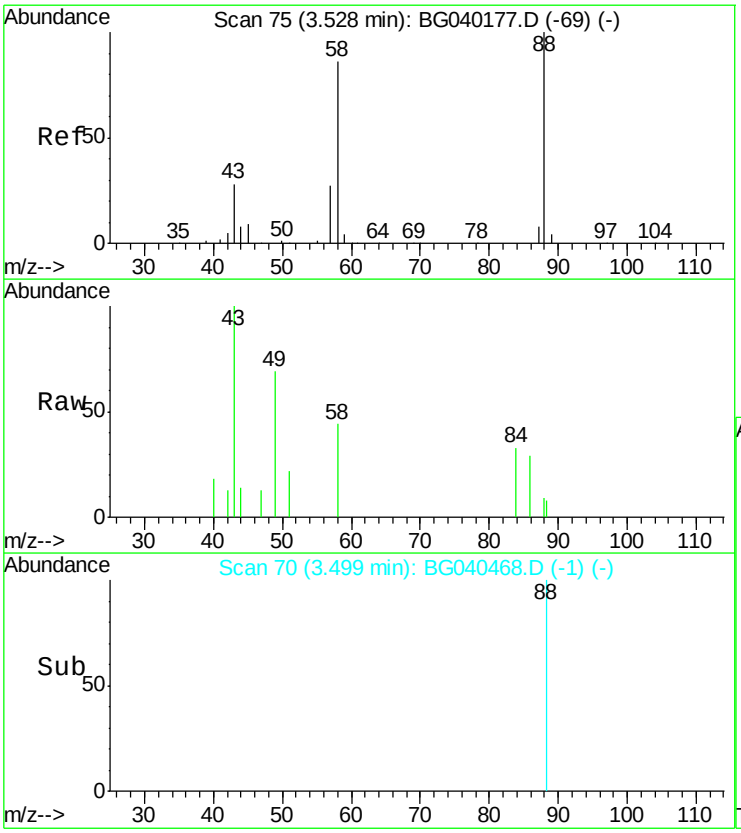

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:152 Resp: 39347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 138.9 | 123.7 | 185.5 |
| 115 | 51.7 | 46.9 | 70.3 |

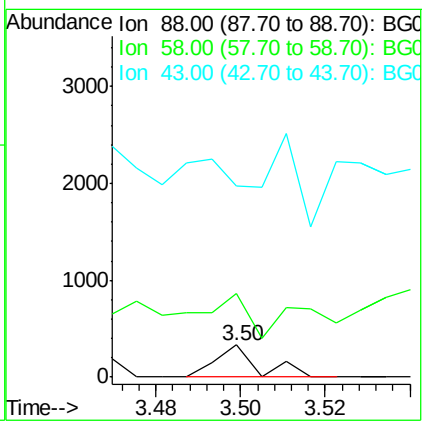


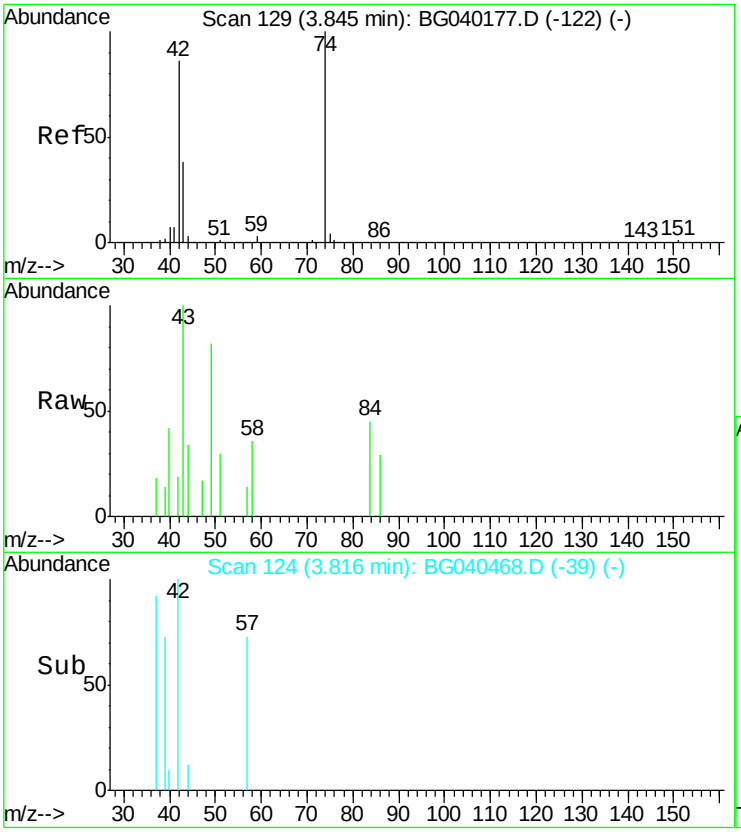




#2
1,4-Dioxane
Concen: 0.202 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 88 Resp: 225

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 70.6 | 106.0# |
| 43 | 0.0 | 24.8 | 37.2# |



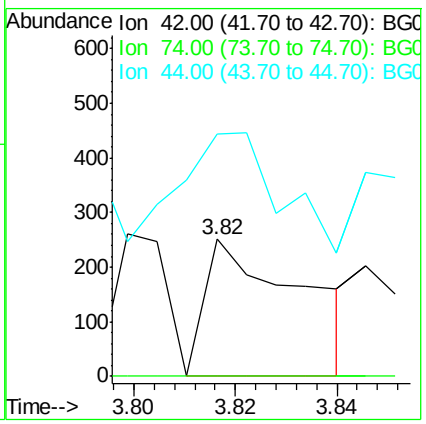


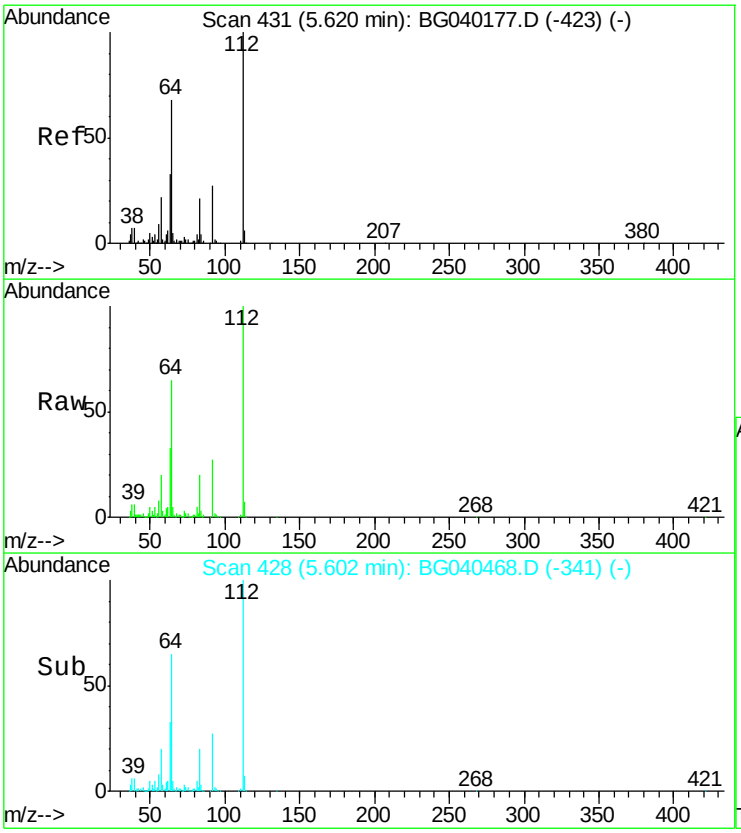

#4
n-Nitrosodimethylamine
Concen: 0.237 ng
RT: 3.82 min Scan# 124
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion: 42 Resp: 328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 92.9 | 139.3# |
| 44 | 176.5 | 9.7 | 14.5# |

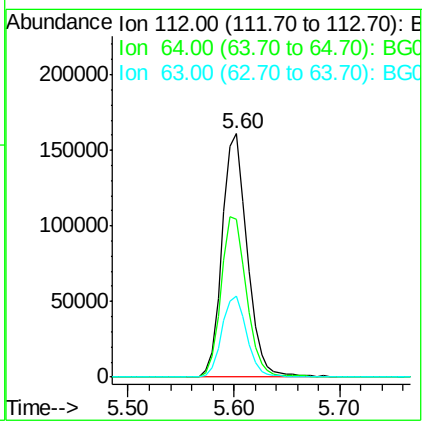


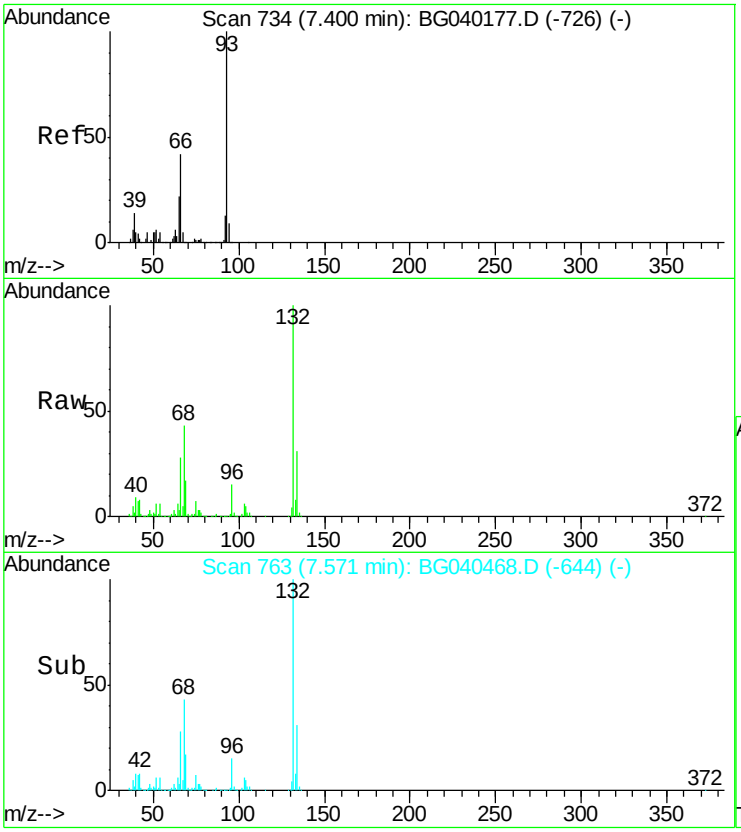




#5
2-Fluorophenol
Concen: 112.389 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:112 Resp: 266010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.9 | 54.2 | 81.2 |
| 63 | 33.2 | 26.4 | 39.6 |



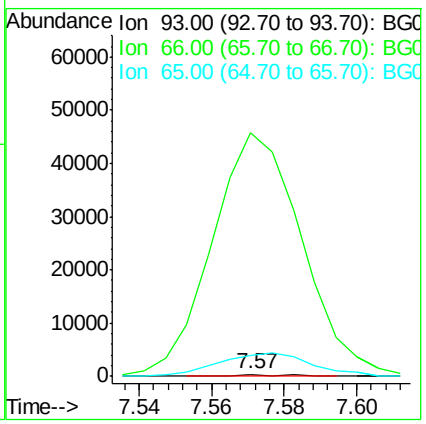


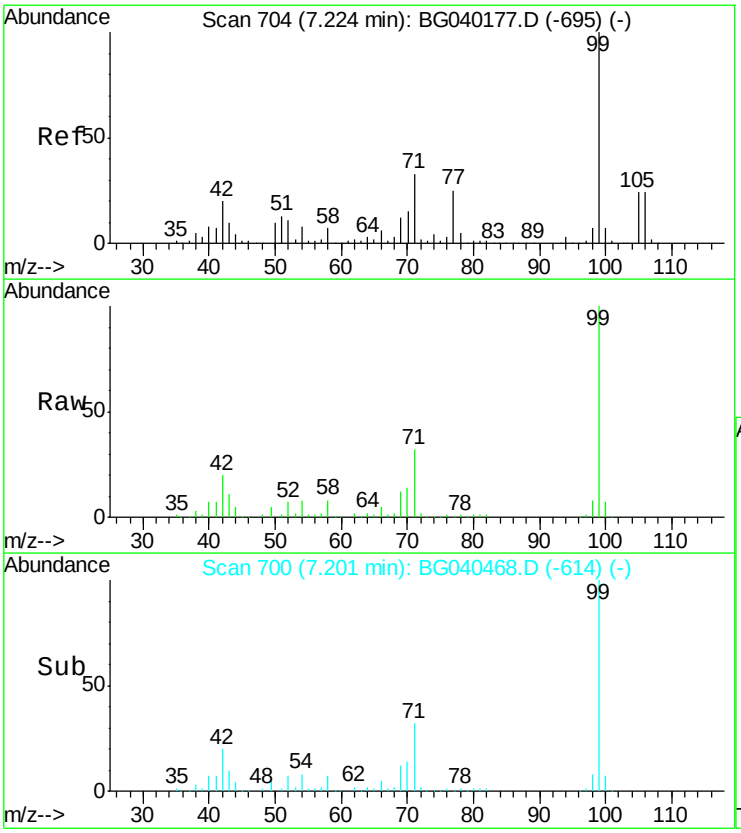

#6
Aniline
Concen: 0.077 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.17 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion: 93 Resp: 327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 13454.1 | 33.6 | 50.4# |
| 65 | 1189.7 | 17.4 | 26.2# |

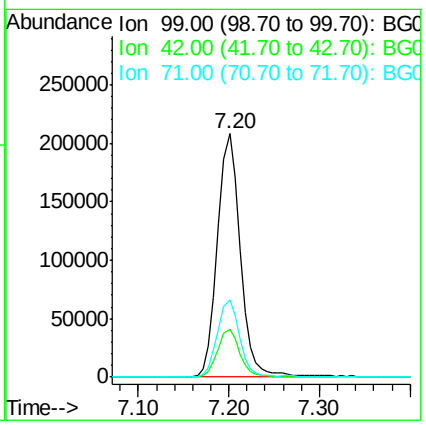


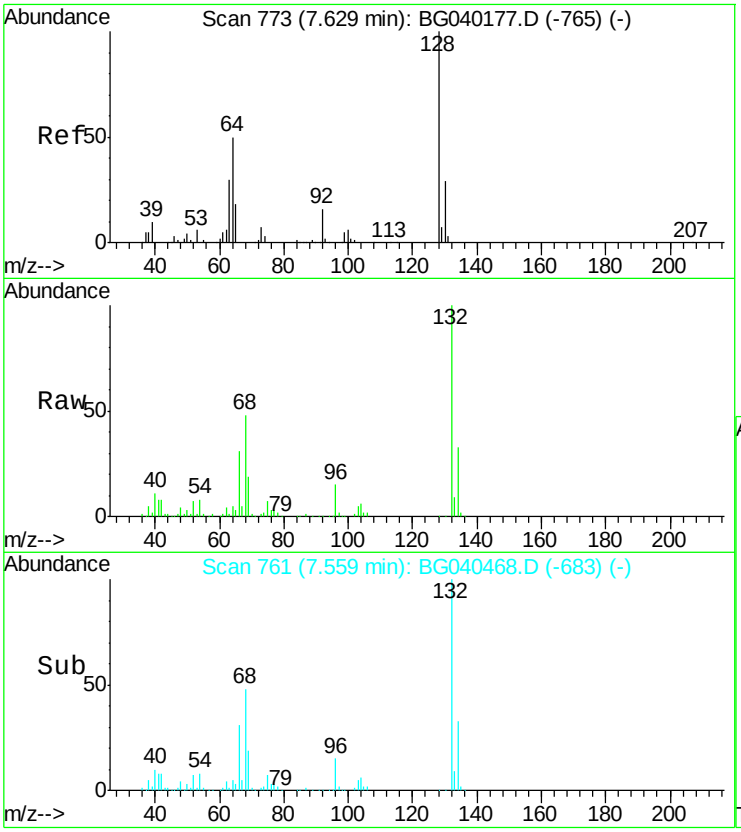




#7
Phenol-d6
Concen: 111.813 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 99 Resp: 365746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.6 | 16.2 | 24.2 |
| 71 | 31.7 | 26.8 | 40.2 |



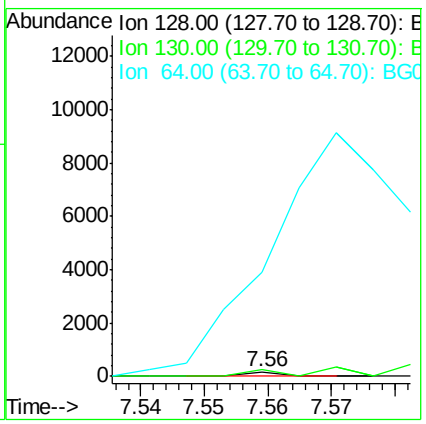


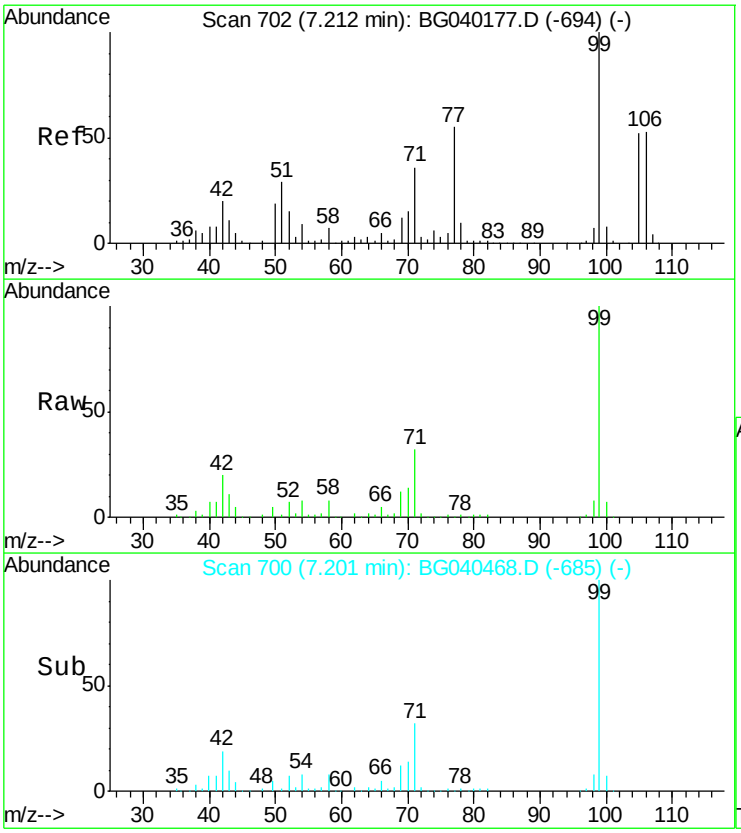

#8
2-Chlorophenol
Concen: 0.023 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.07 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:128 Resp: 64

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 129.8 | 9.1 | 49.1# |
| 64 | 2147.5 | 33.1 | 73.1# |

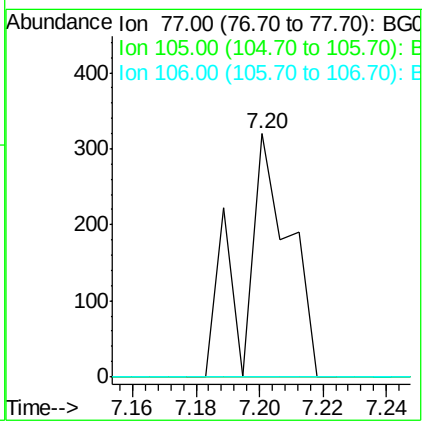


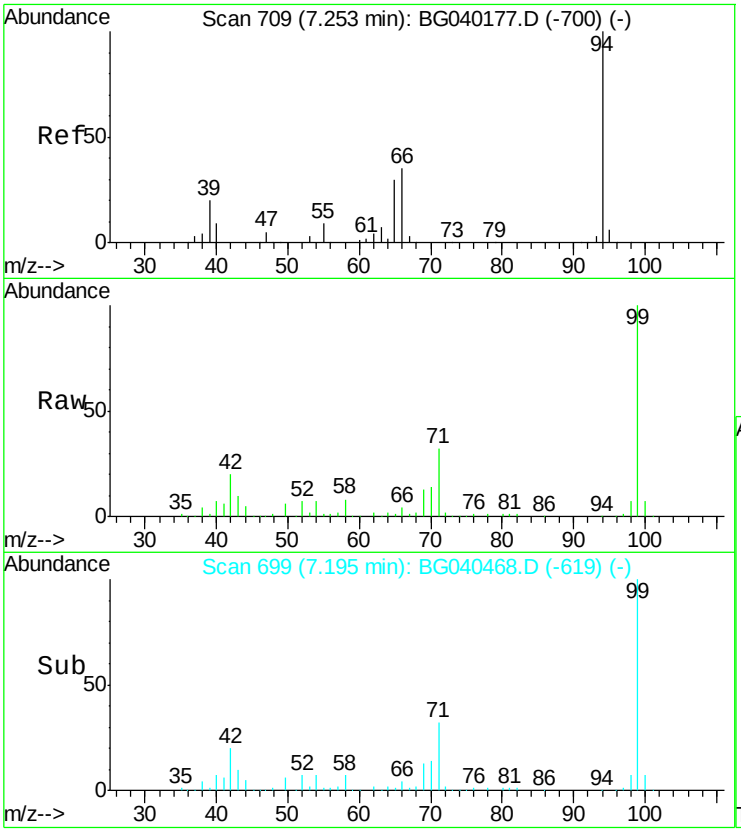




#9
Benzaldehyde
Concen: 0.144 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 77 Resp: 322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 0.0 | 75.0 | 115.0# |
| 106 | 0.0 | 75.7 | 115.7# |



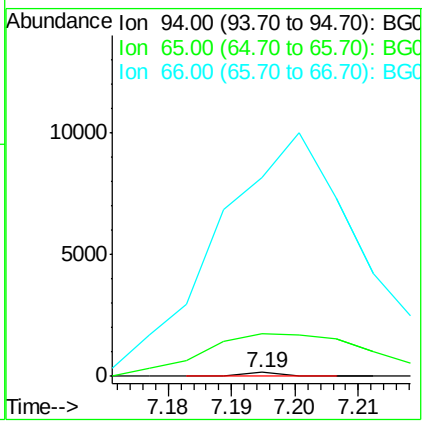


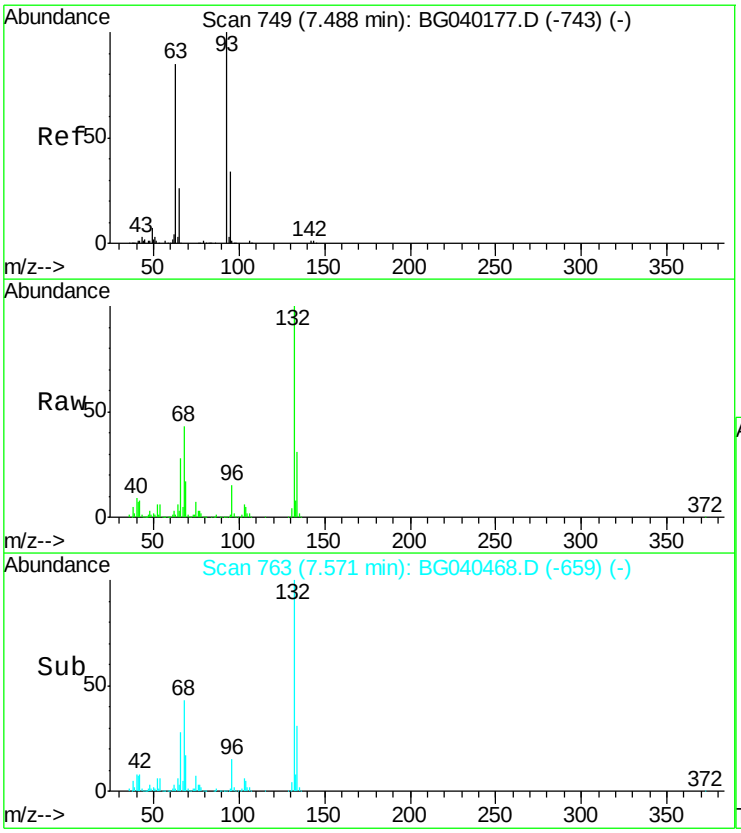

#10
Phenol
Concen: 0.016 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.06 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion: 94 Resp: 56

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 1088.7 | 10.5 | 50.5# |
| 66 | 5136.5 | 16.9 | 56.9# |

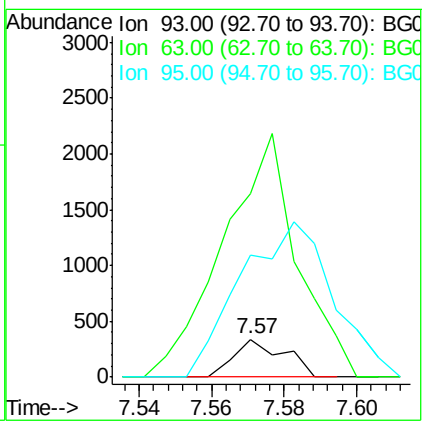


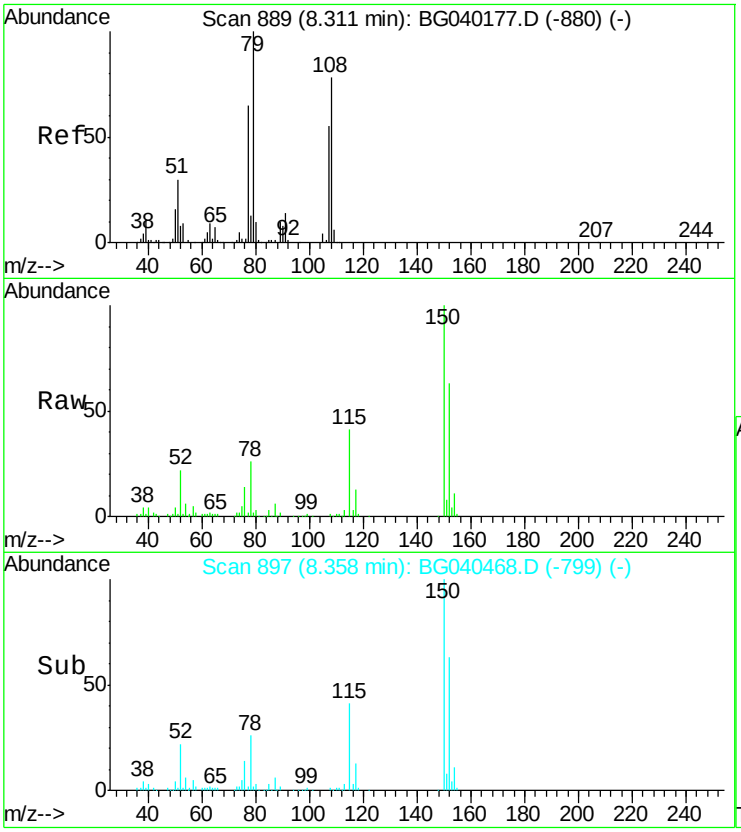




#11
bis(2-Chloroethyl)ether
Concen: 0.115 ng
RT: 7.57 min Scan# 763
Delta R.T. 0.08 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 93 Resp: 327

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 482.9 | 64.2 | 104.2# |
| 95 | 320.9 | 14.0 | 54.0# |



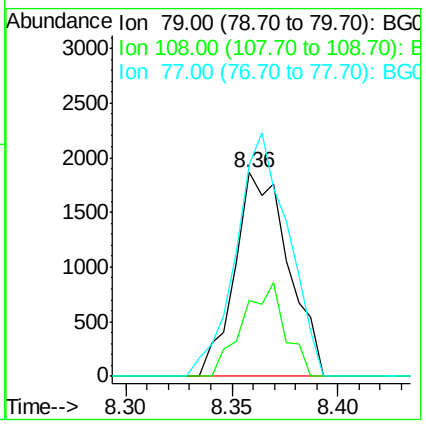


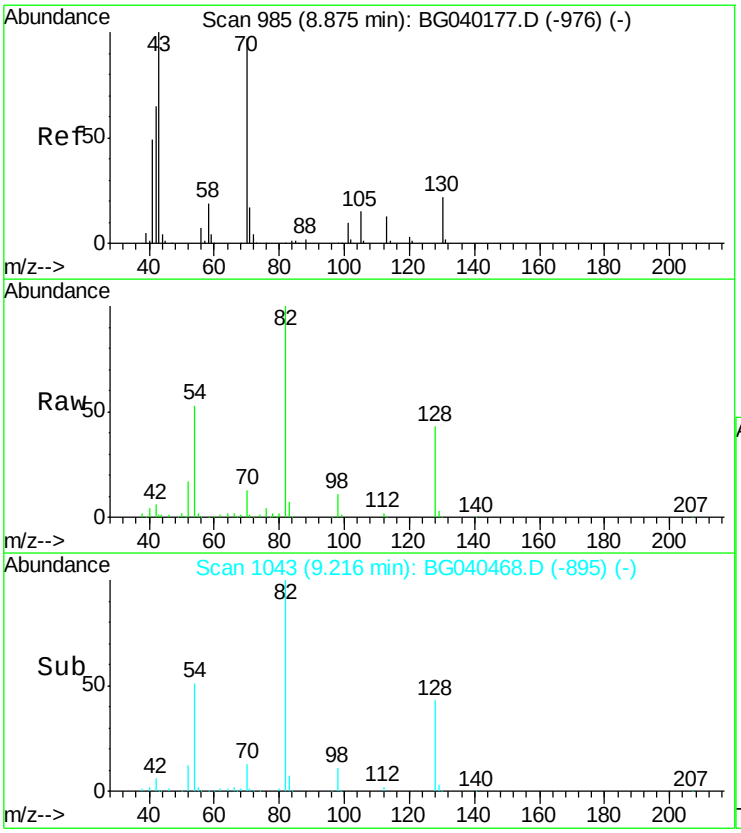

#15
Benzyl Alcohol
Concen: 1.247 ng
RT: 8.36 min Scan# 897
Delta R.T. 0.05 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion: 79 Resp: 3286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 37.4 | 62.1 | 93.1# |
| 77 | 104.1 | 51.9 | 77.9# |

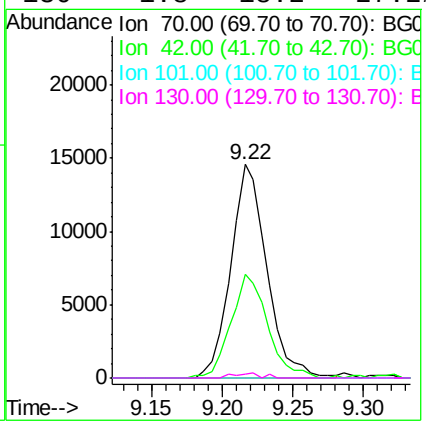


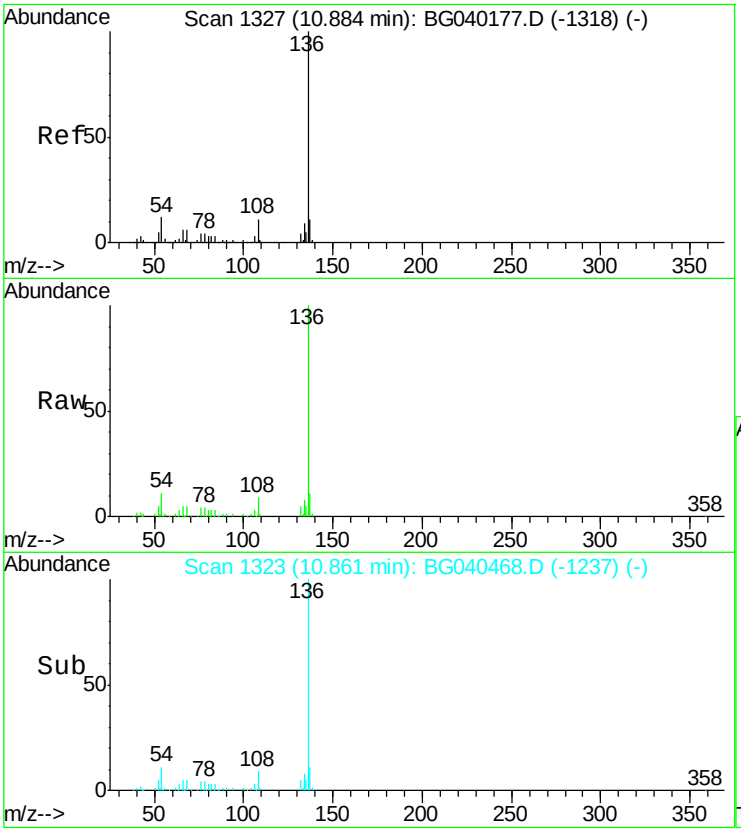




#19
n-Nitroso-di-n-propylamine
Concen: 11.054 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.34 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 70 Resp: 25924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.4 | 54.0 | 81.0# |
| 101 | 0.0 | 8.6 | 13.0# |
| 130 | 1.8 | 18.2 | 27.2# |



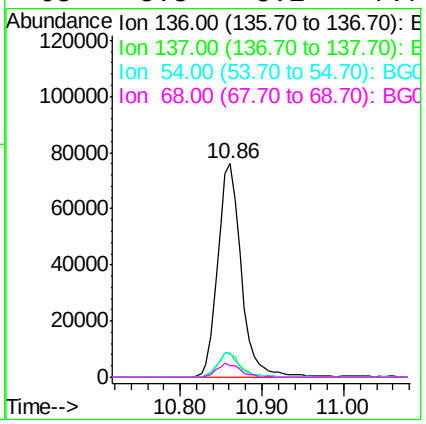


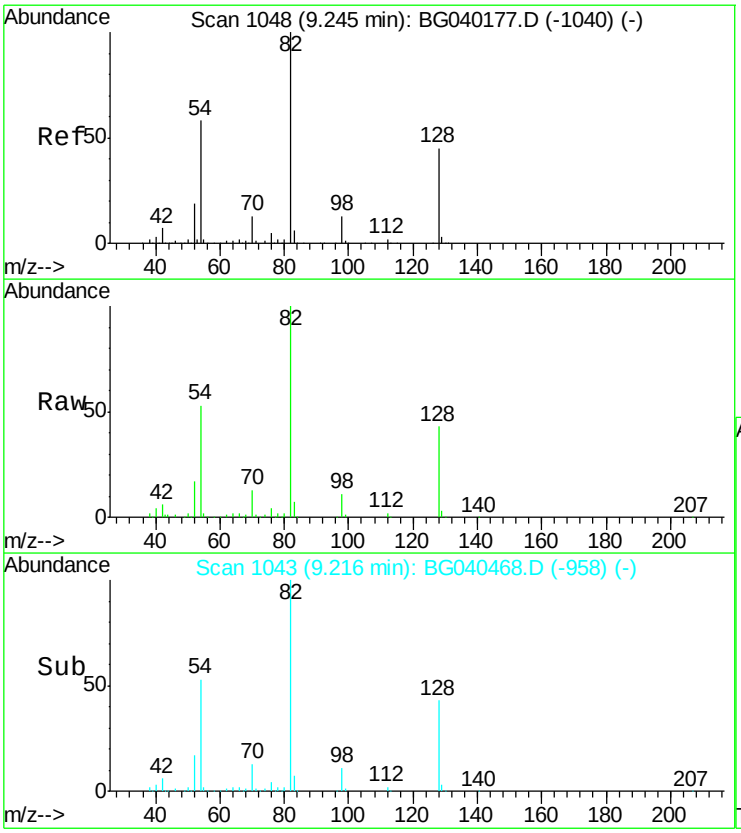

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:136 Resp: 152578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 8.9 | 13.3 |
| 54 | 10.9 | 9.6 | 14.4 |
| 68 | 5.3 | 5.1 | 7.7 |

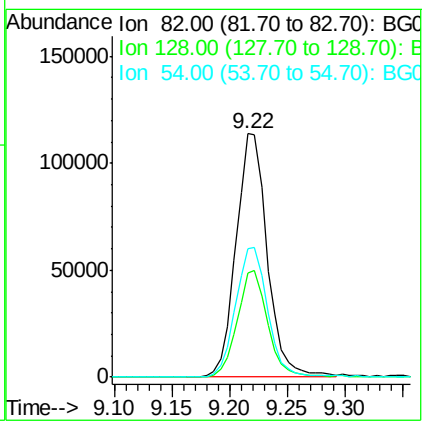


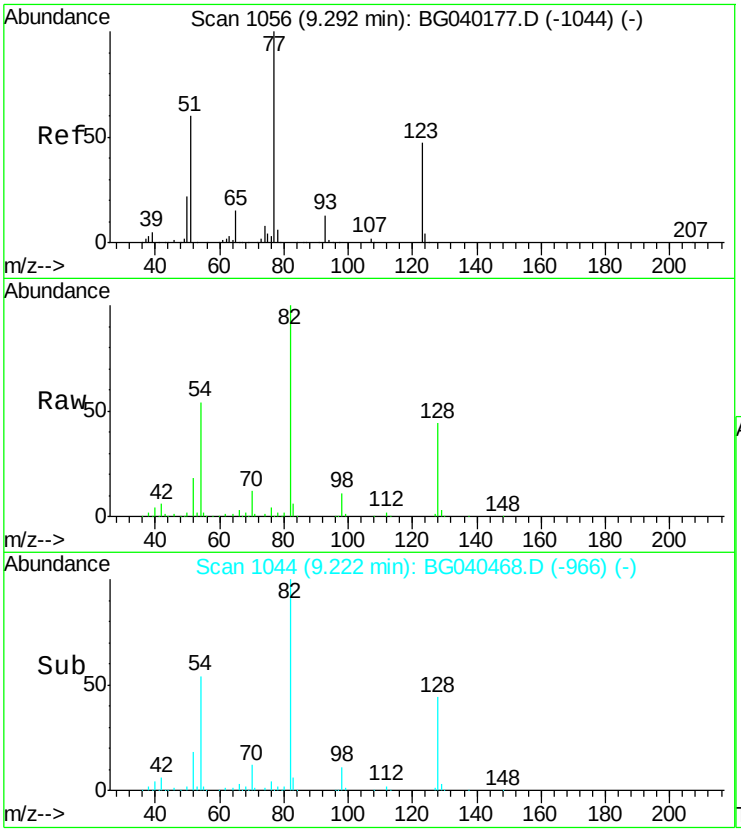




#23
Nitrobenzene-d5
Concen: 74.517 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 82 Resp: 213903

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.6 | 35.8 | 53.8 |
| 54 | 53.0 | 46.2 | 69.2 |



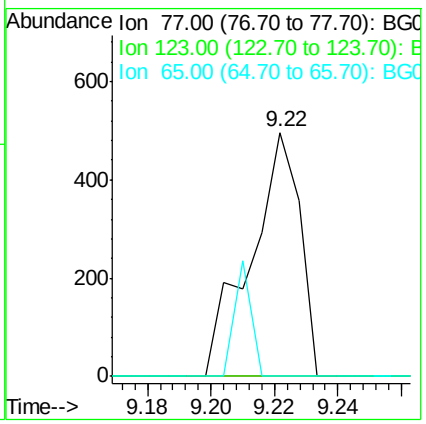


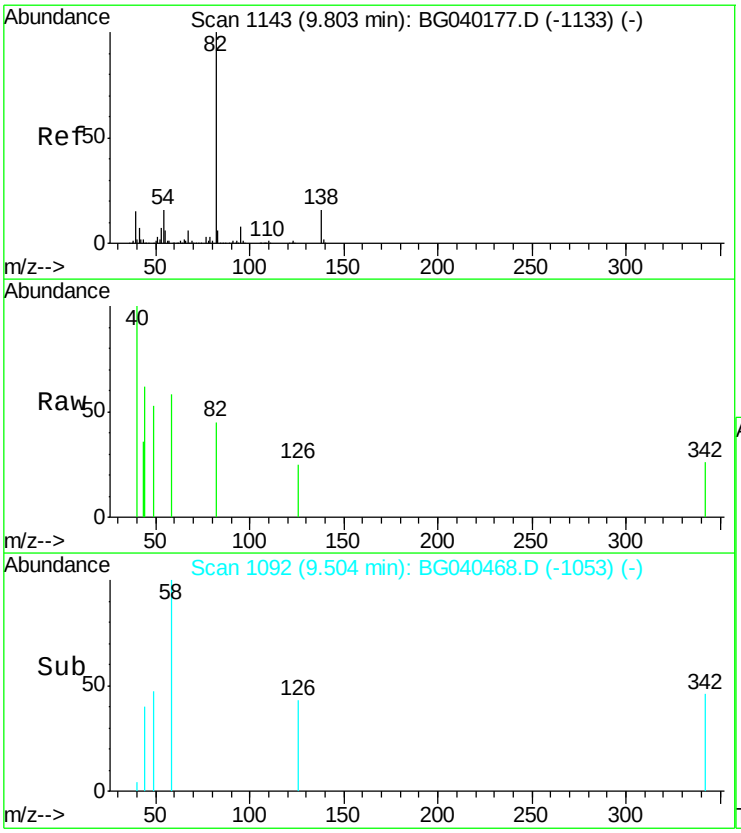

#24
Nitrobenzene
Concen: 0.180 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.07 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion: 77 Resp: 535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 37.8 | 56.6# |
| 65 | 0.0 | 12.0 | 18.0# |

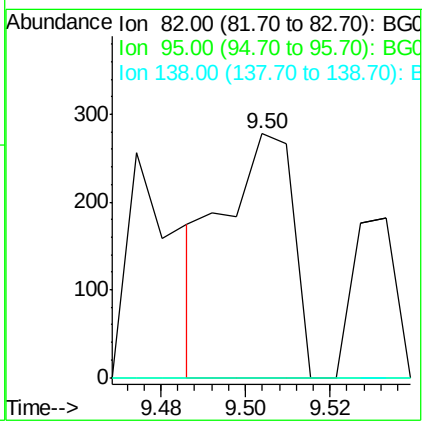


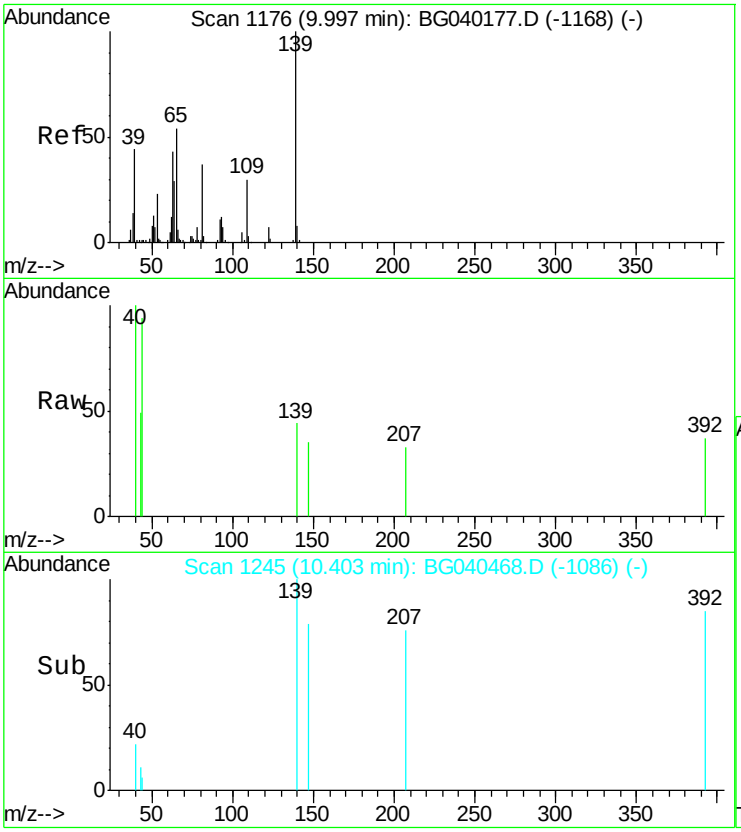




#25
Isophorone
Concen: 0.055 ng
RT: 9.50 min Scan# 1092
Delta R.T. -0.30 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 82 Resp: 323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 6.1 | 9.1# |
| 138 | 0.0 | 13.2 | 19.8# |



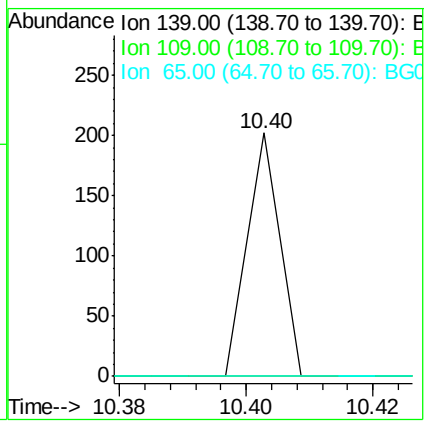


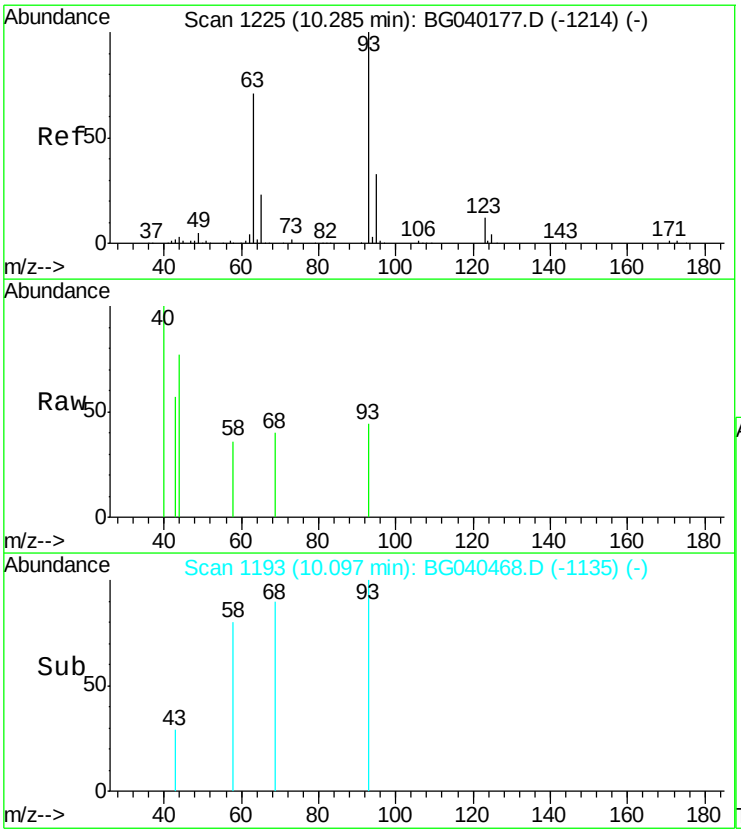

#26
2-Nitrophenol
Concen: 0.050 ng
RT: 10.40 min Scan# 1245
Delta R.T. 0.41 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:139 Resp: 71

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 24.1 | 36.1# |
| 65 | 0.0 | 43.0 | 64.6# |

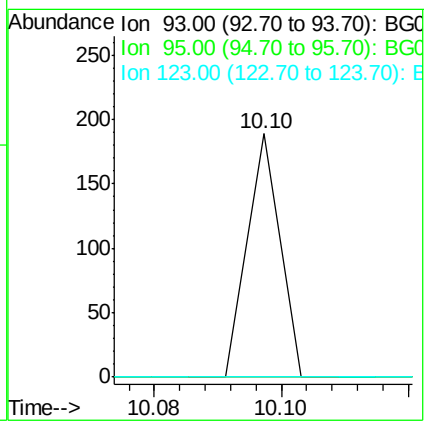


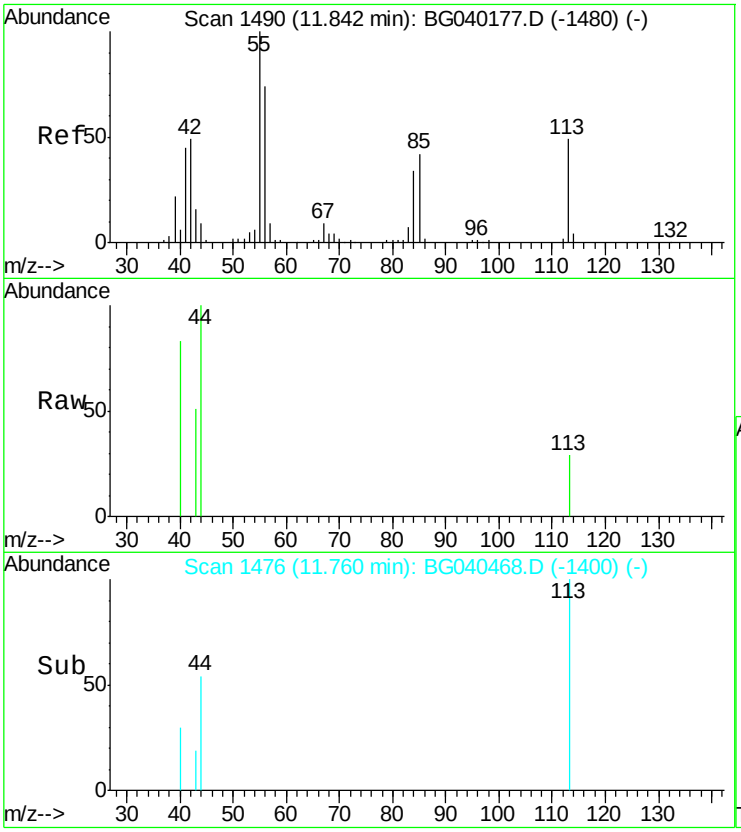




#28
bis(2-Chloroethoxy)methane
Concen: 0.019 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.19 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 93 Resp: 67

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 0.0 | 26.2 | 39.4# |
| 123 | 0.0 | 9.4 | 14.0# |



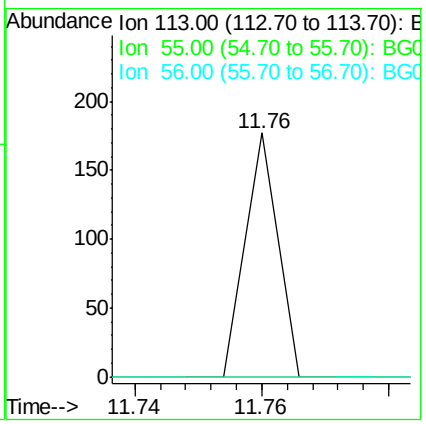


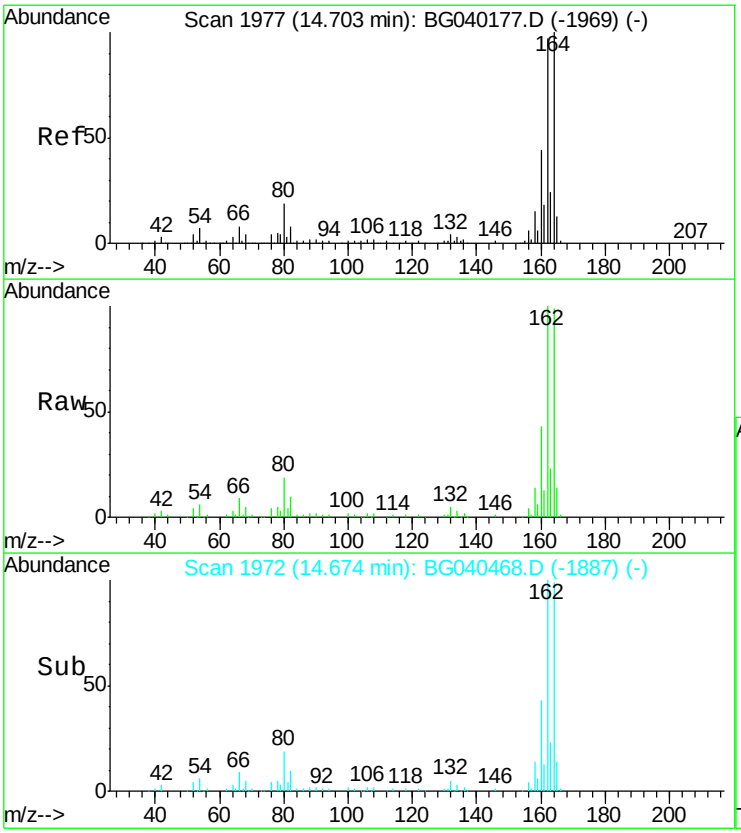

#35
Caprolactam
Concen: 0.064 ng
RT: 11.76 min Scan# 1476
Delta R.T. -0.08 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:113 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 0.0 | 184.2 | 224.2# |
| 56 | 0.0 | 131.3 | 171.3# |

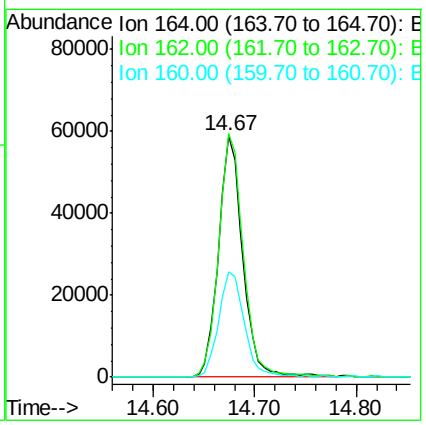


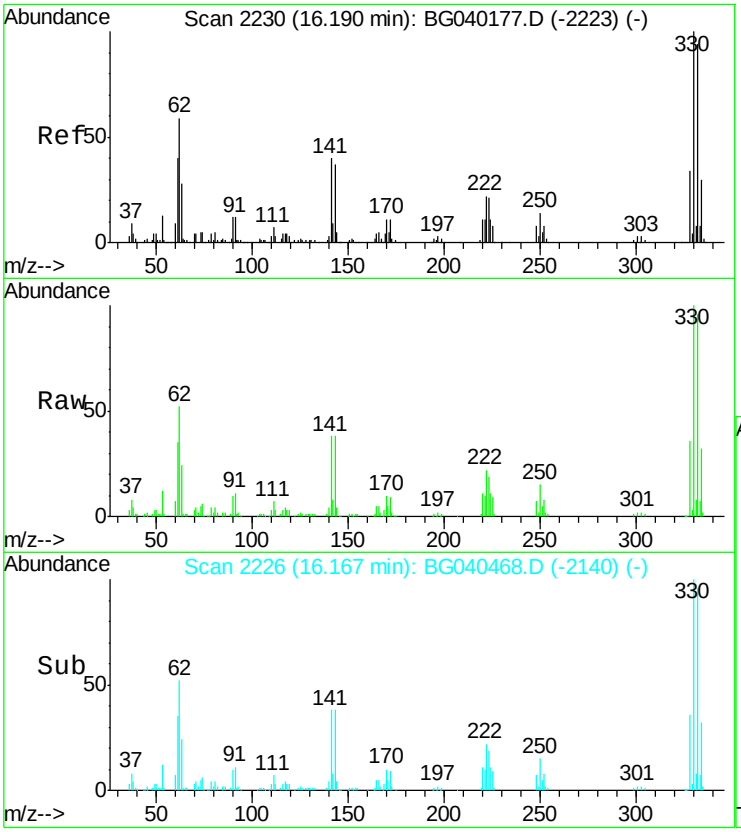




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:164 Resp: 97616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.8 | 77.4 | 116.2 |
| 160 | 43.4 | 35.3 | 52.9 |



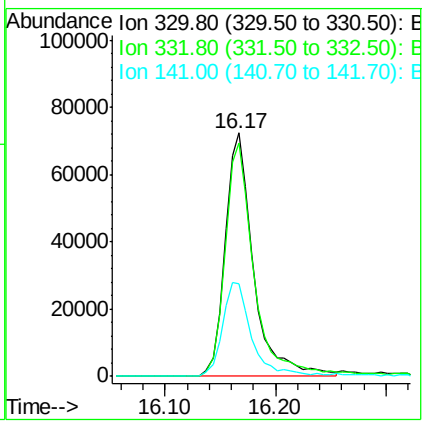


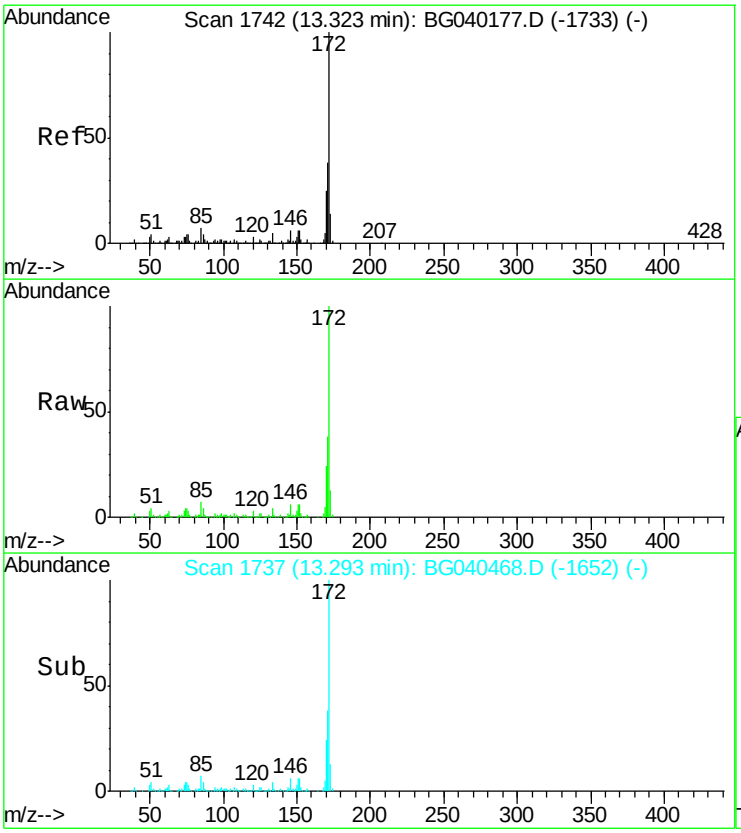

#42
2,4,6-Tribromophenol
Concen: 123.324 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:330 Resp: 130104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.9 | 76.6 | 115.0 |
| 141 | 39.5 | 32.6 | 48.8 |

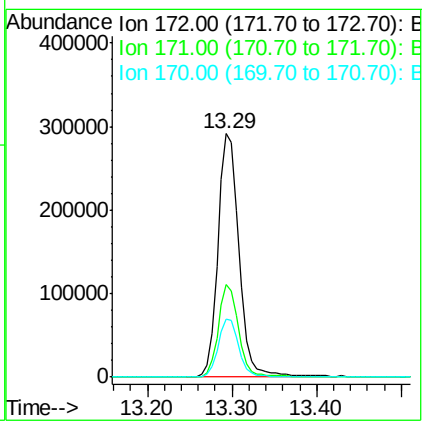


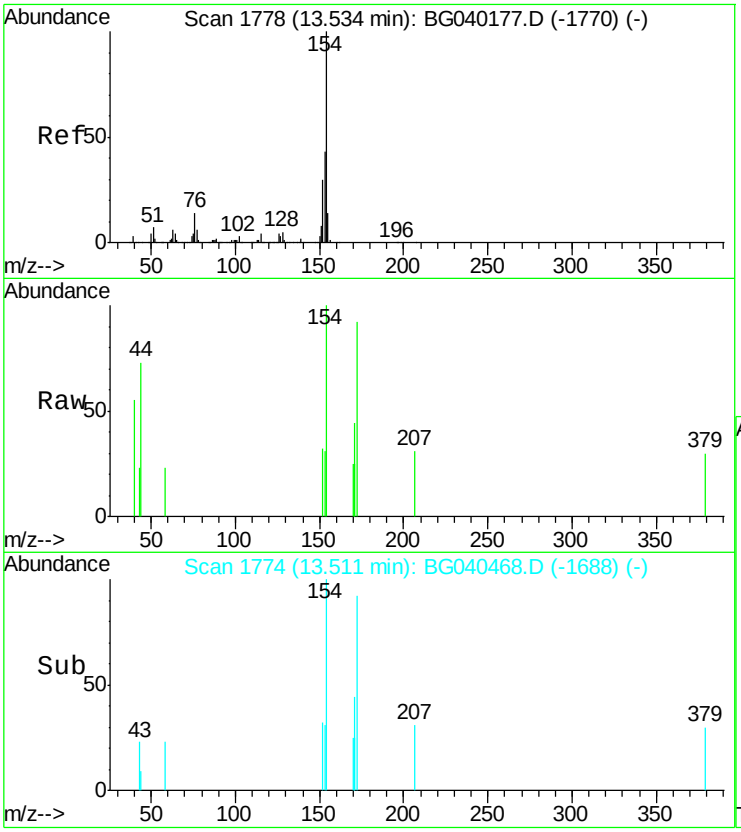




#45
2-Fluorobiphenyl
Concen: 76.999 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:172 Resp: 507254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.9 | 30.5 | 45.7 |
| 170 | 23.6 | 20.1 | 30.1 |



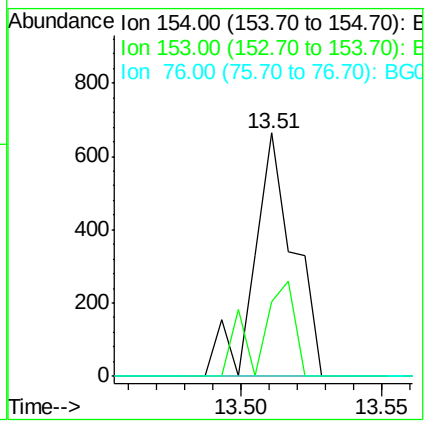


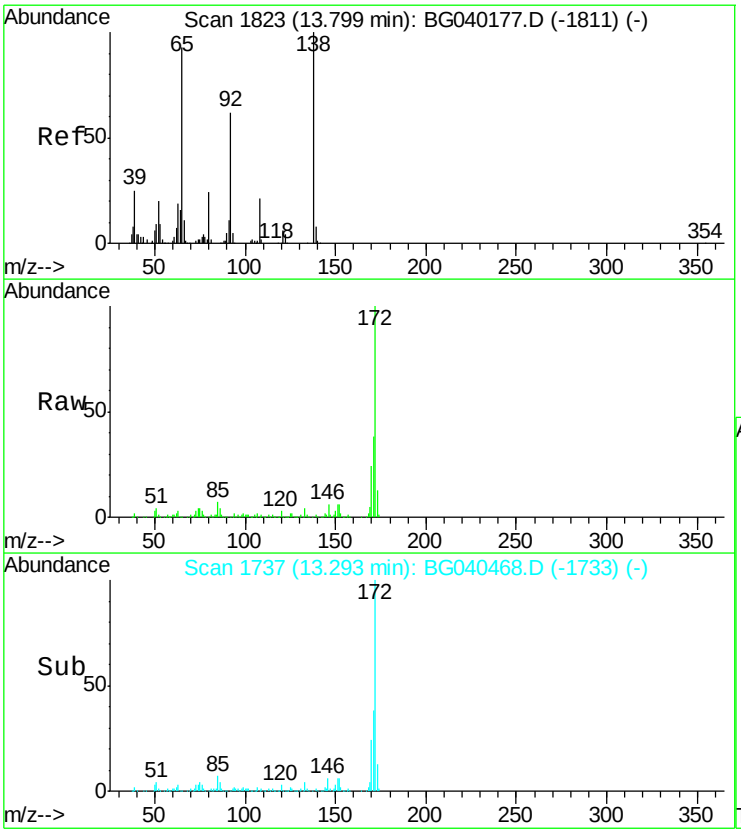

#46
1,1'-Biphenyl
Concen: 0.083 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:154 Resp: 641

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 30.6 | 22.5 | 62.5 |
| 76 | 0.0 | 0.0 | 33.7 |

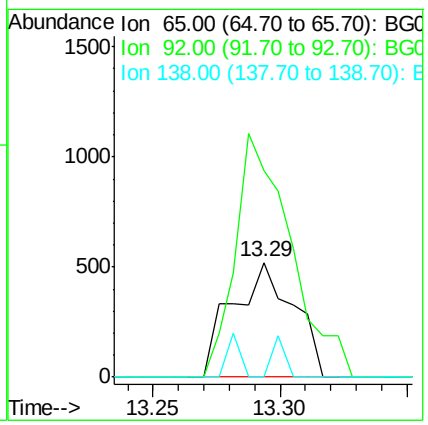


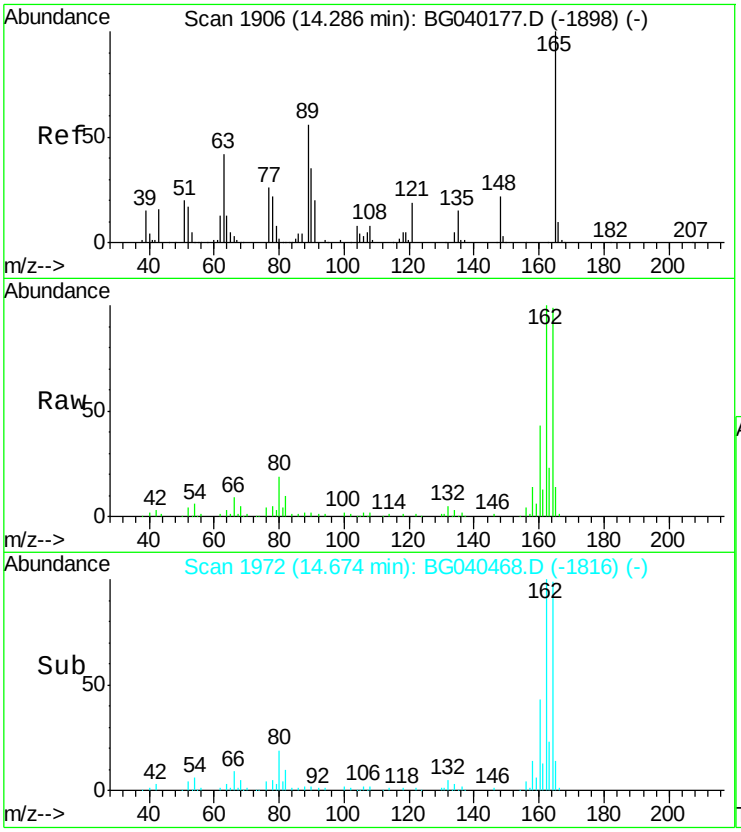




#48
2-Nitroaniline
Concen: 0.438 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.51 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 65 Resp: 875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 179.5 | 53.8 | 80.6# |
| 138 | 0.0 | 86.3 | 129.5# |



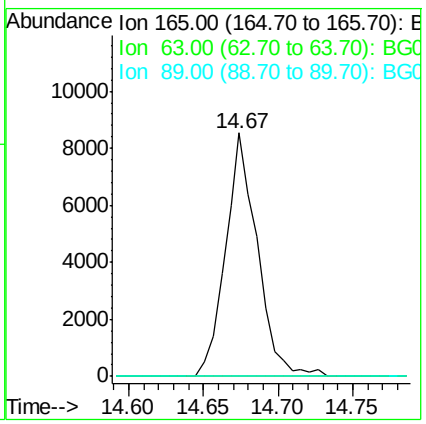


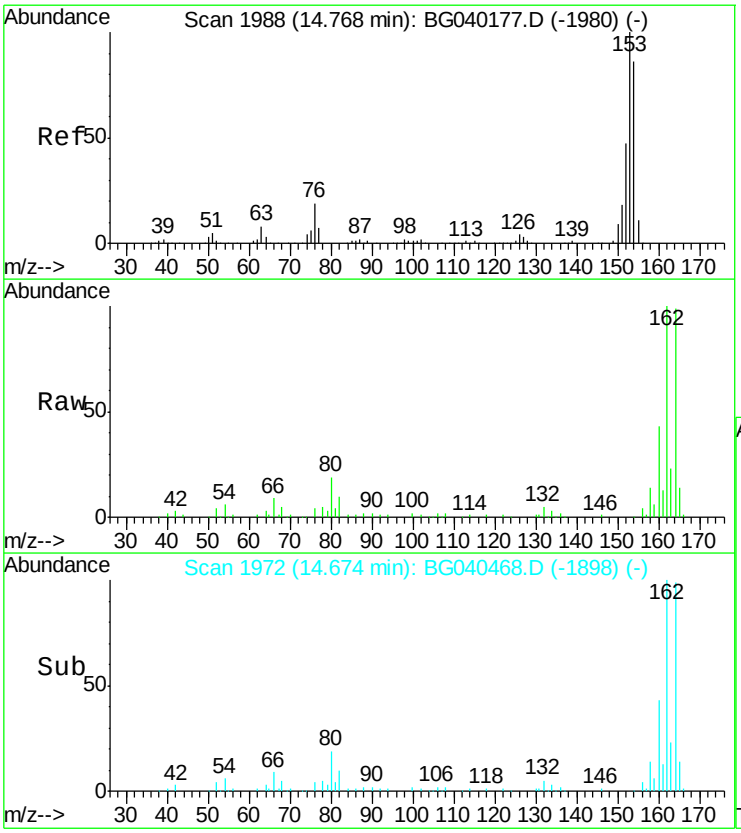

#51
2,6-Dinitrotoluene
Concen: 7.402 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:165 Resp: 12698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 44.1 | 66.1# |
| 89 | 0.0 | 44.9 | 67.3# |

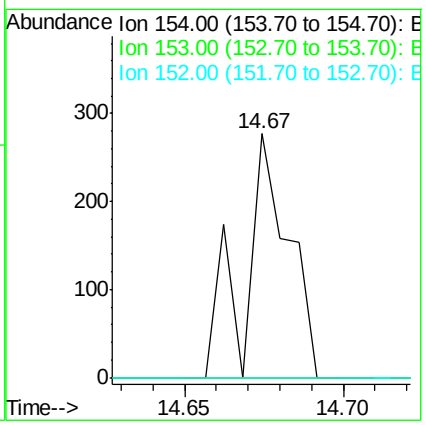


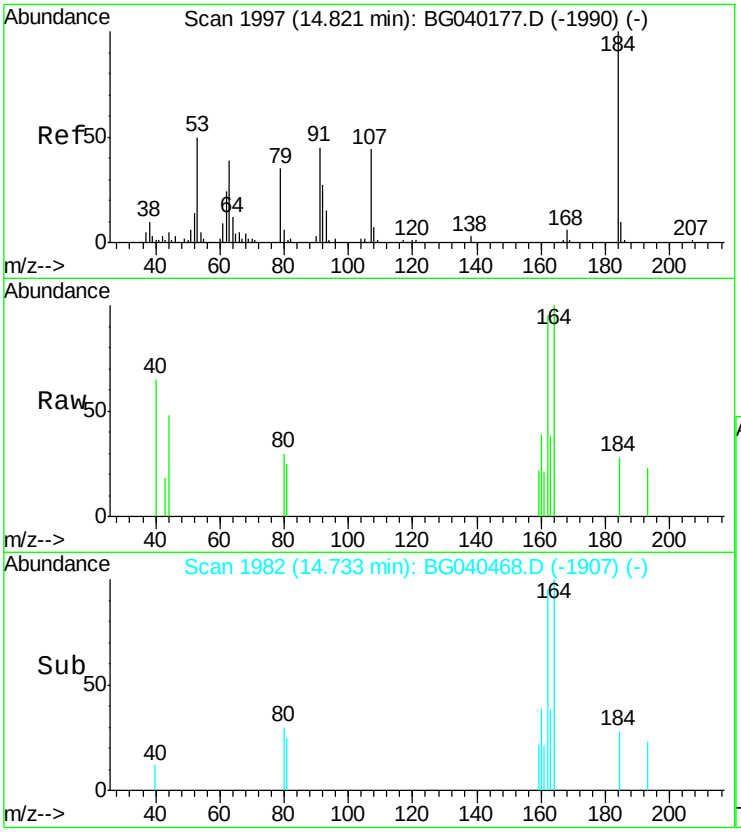




#52
Acenaphthene
Concen: 0.047 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.09 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:154 Resp: 269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 92.8 | 139.2# |
| 152 | 0.0 | 43.4 | 65.2# |



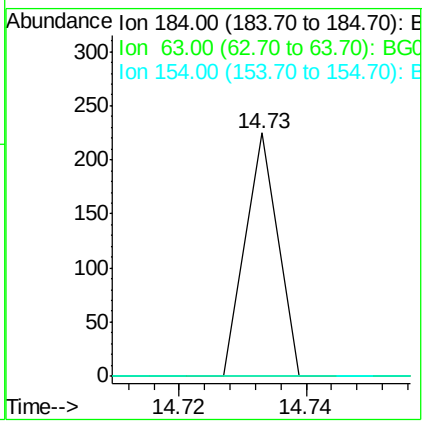


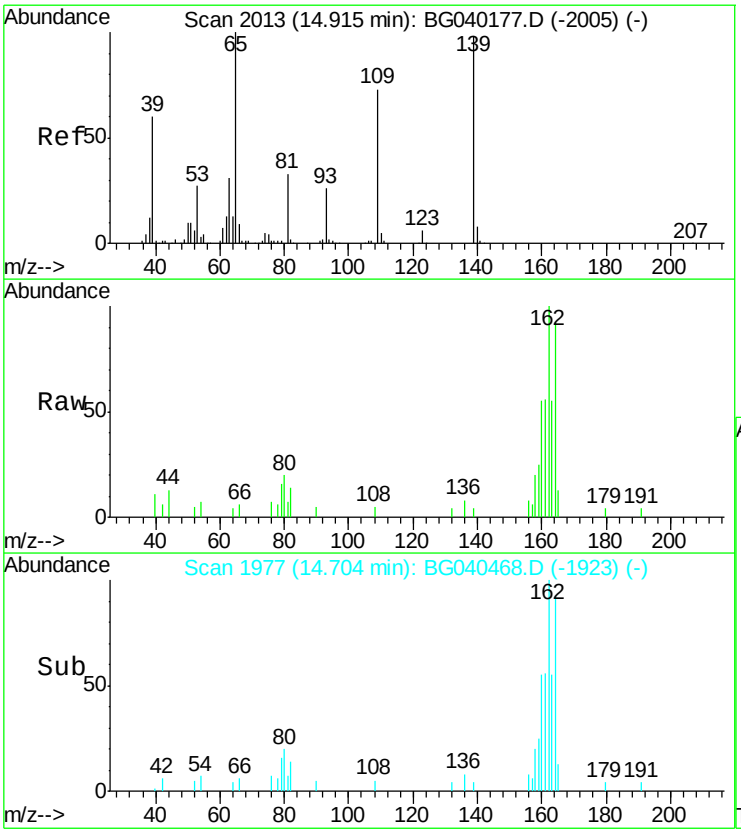

#54
2,4-Dinitrophenol
Concen: 0.087 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.09 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:184 Resp: 79

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 51.8 | 77.8# |
| 154 | 0.0 | 50.9 | 76.3# |

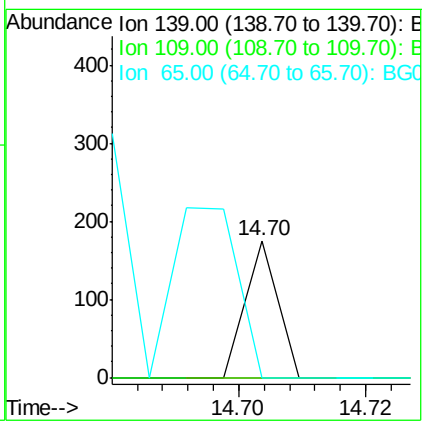


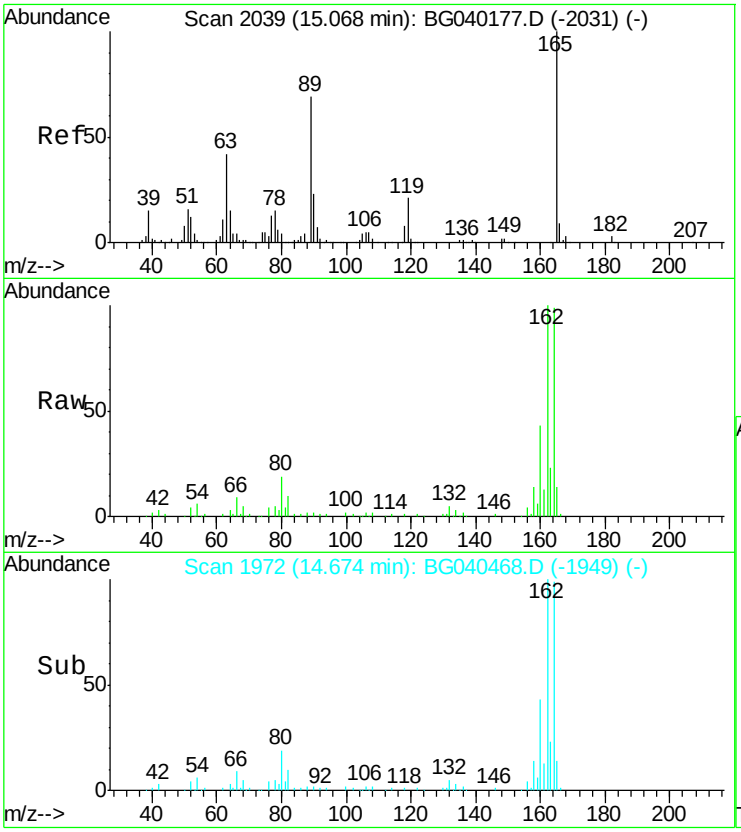




#56
4-Nitrophenol
Concen: 0.042 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.21 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:139 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 54.3 | 94.3# |
| 65 | 0.0 | 82.5 | 122.5# |



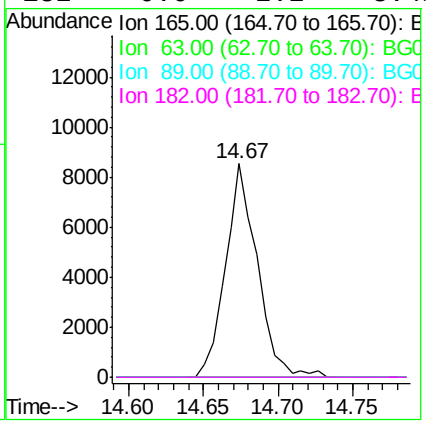


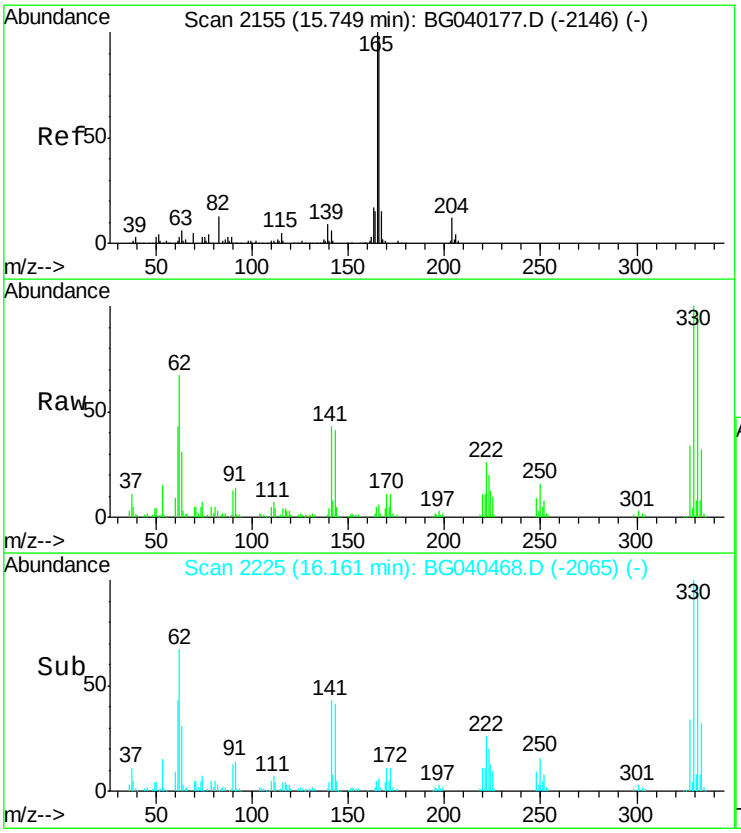

#57
2,4-Dinitrotoluene
Concen: 5.327 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.39 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:165 Resp: 12698

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 33.8 | 50.6# |
| 89 | 0.0 | 55.4 | 83.2# |
| 182 | 0.0 | 2.2 | 3.4# |

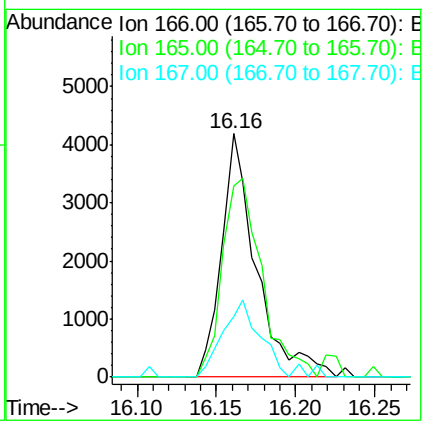


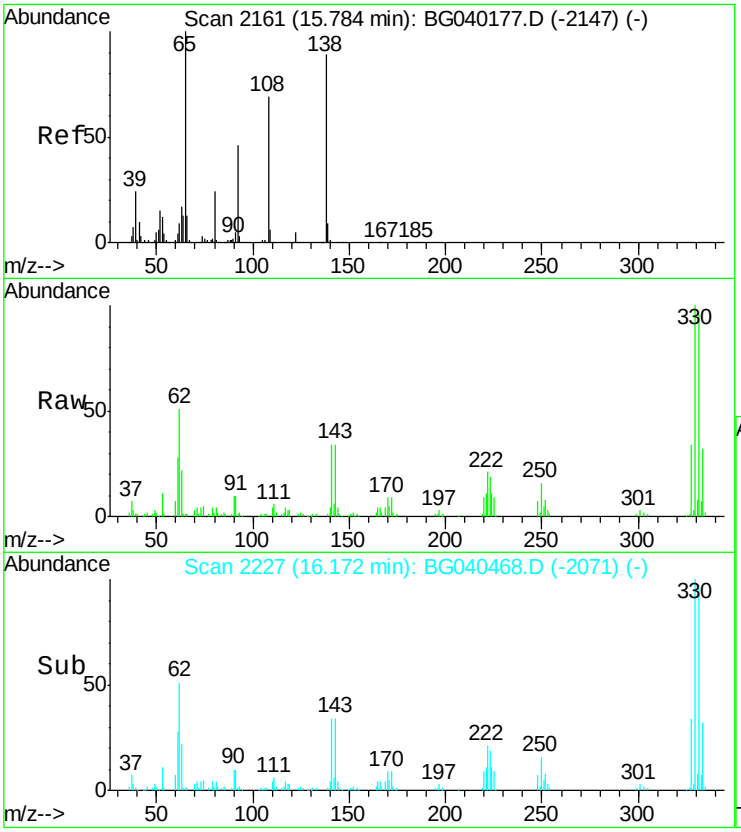




#58
Fluorene
Concen: 0.880 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.41 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:166 Resp: 6391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 78.5 | 81.7 | 122.5# |
| 167 | 24.6 | 11.9 | 17.9# |



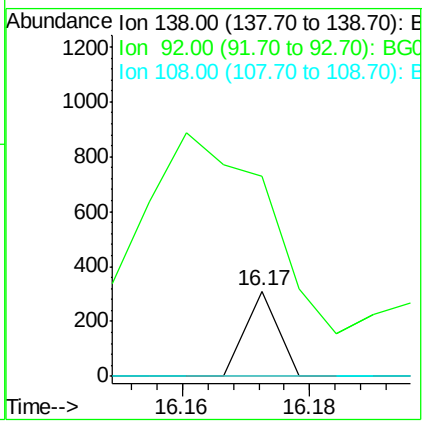


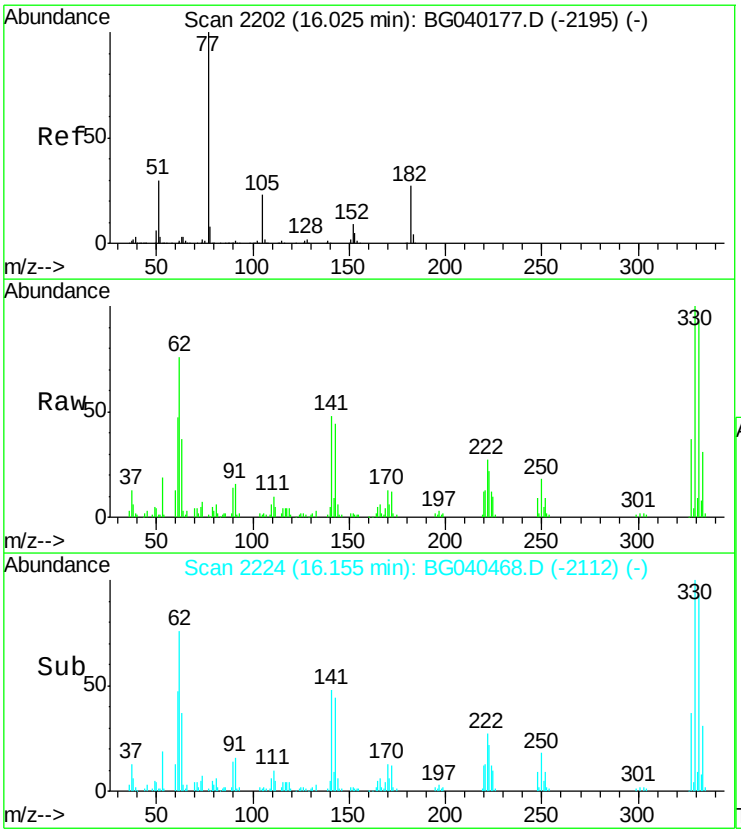

#62
4-Nitroaniline
Concen: 0.056 ng
RT: 16.17 min Scan# 2227
Delta R.T. 0.39 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:138 Resp: 110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 234.1 | 31.8 | 71.8# |
| 108 | 0.0 | 57.2 | 97.2# |

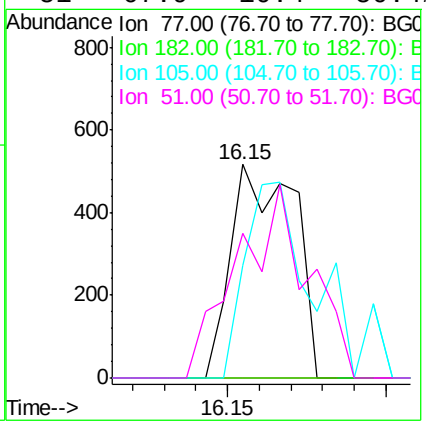


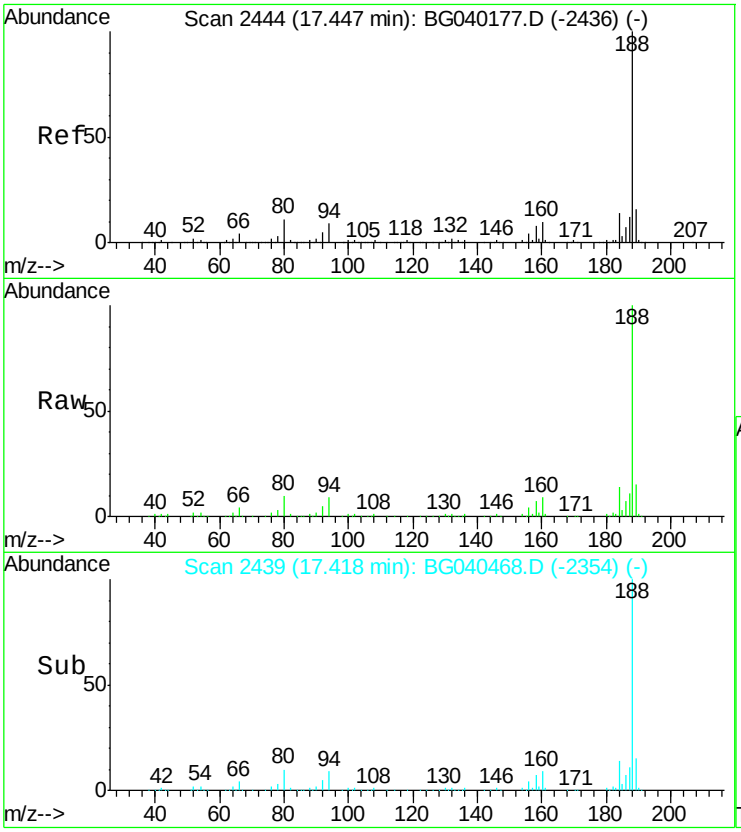




#63
Azobenzene
Concen: 0.097 ng
RT: 16.15 min Scan# 2224
Delta R.T. 0.13 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion: 77 Resp: 713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 0.0 | 7.2 | 47.2# |
| 105 | 184.5 | 2.8 | 42.8# |
| 51 | 67.9 | 10.4 | 50.4# |



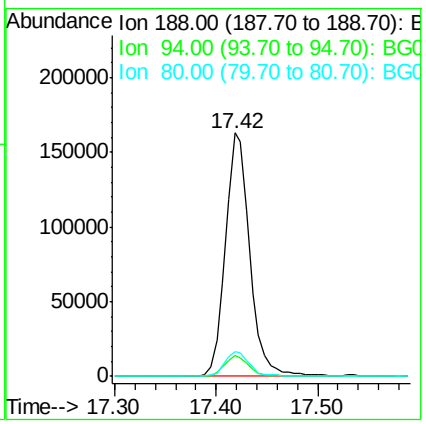


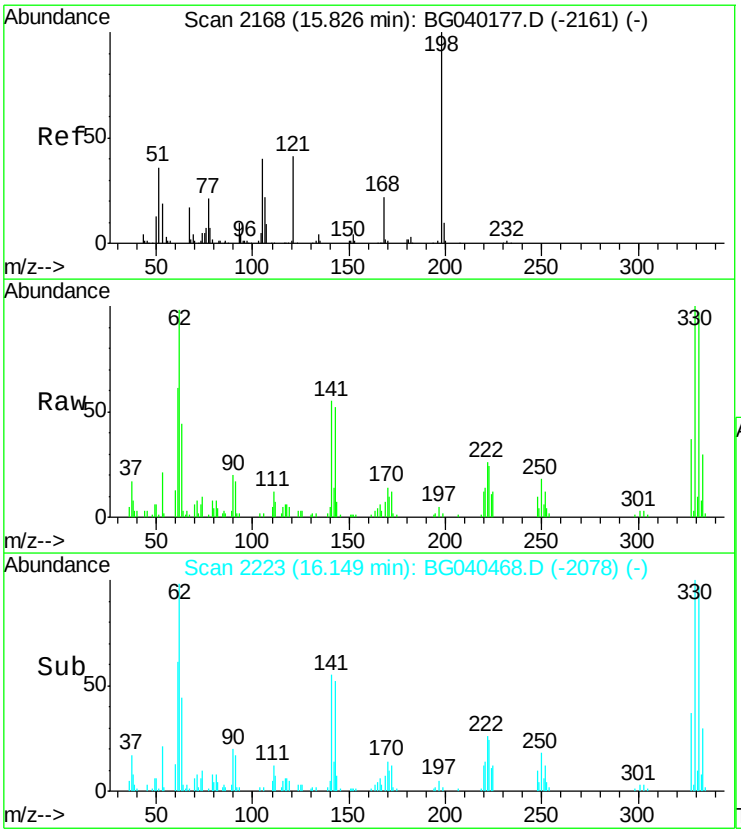

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:188 Resp: 270550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.6 | 7.0 | 10.4 |
| 80 | 10.4 | 8.6 | 13.0 |

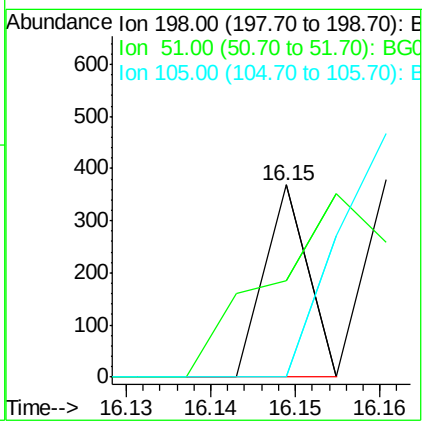


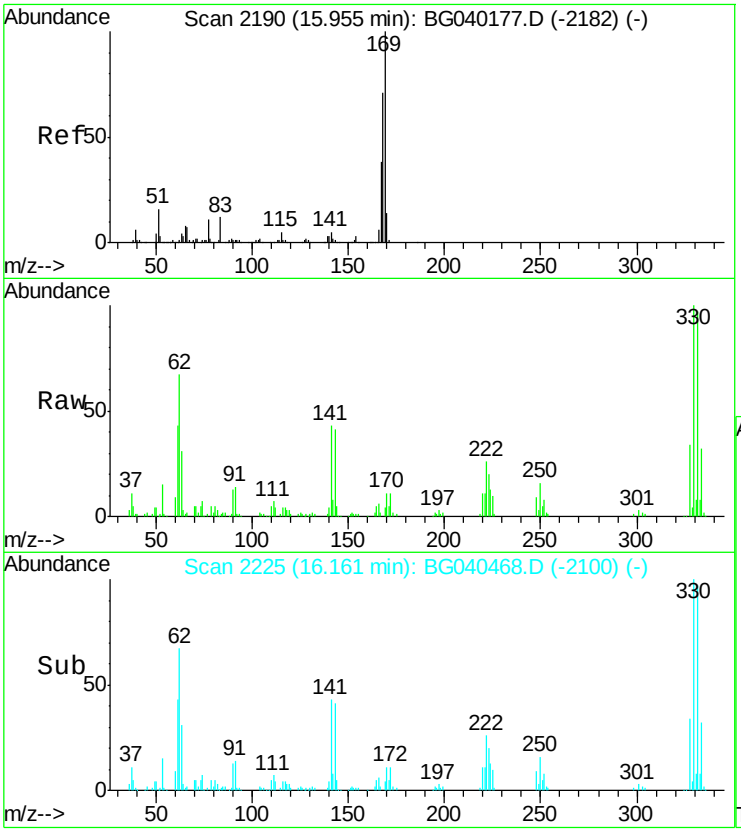




#65
4,6-Dinitro-2-methylphenol
Concen: 0.086 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.32 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:198 Resp: 130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 50.1 | 27.3 | 67.3 |
| 105 | 0.0 | 21.7 | 61.7# |



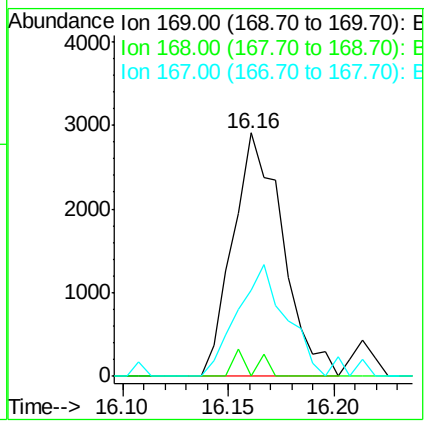


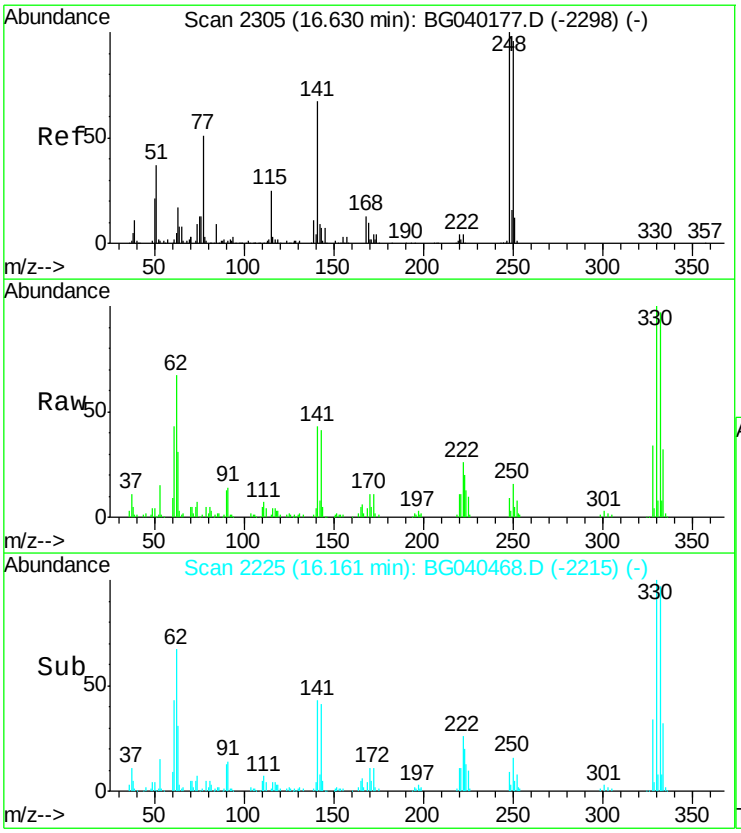

#66
n-Nitrosodiphenylamine
Concen: 0.603 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.21 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:169 Resp: 4772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 0.0 | 56.8 | 85.2# |
| 167 | 35.5 | 30.2 | 45.4 |

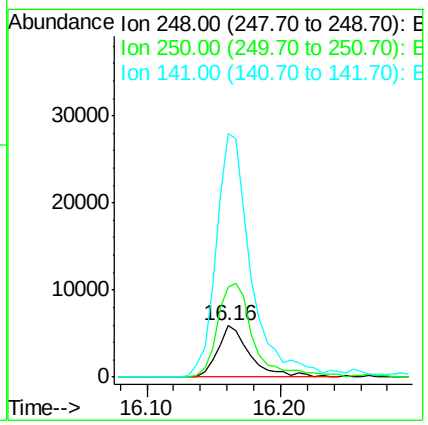


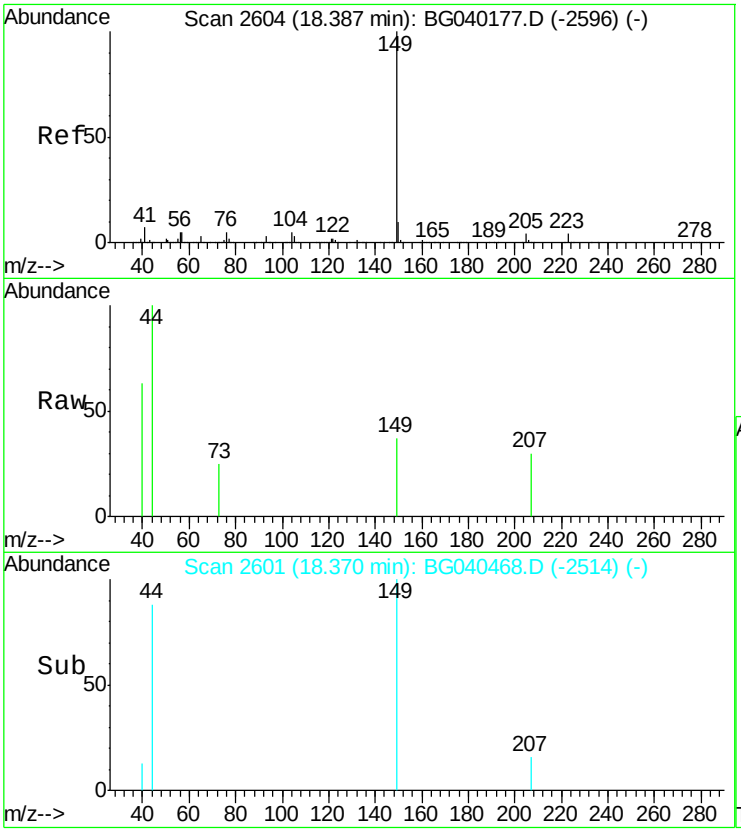




#67
4-Bromophenyl-phenylether
Concen: 3.290 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.47 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:248 Resp: 10018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 227.4 | 76.4 | 114.6# |
| 141 | 476.9 | 53.8 | 80.8# |



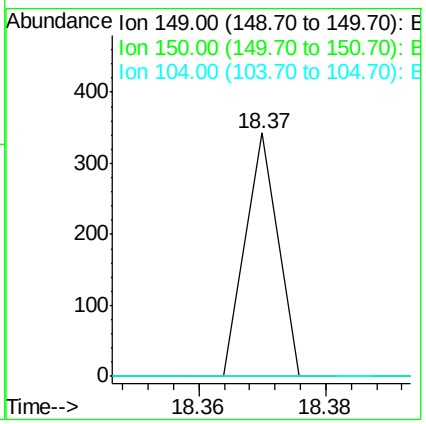


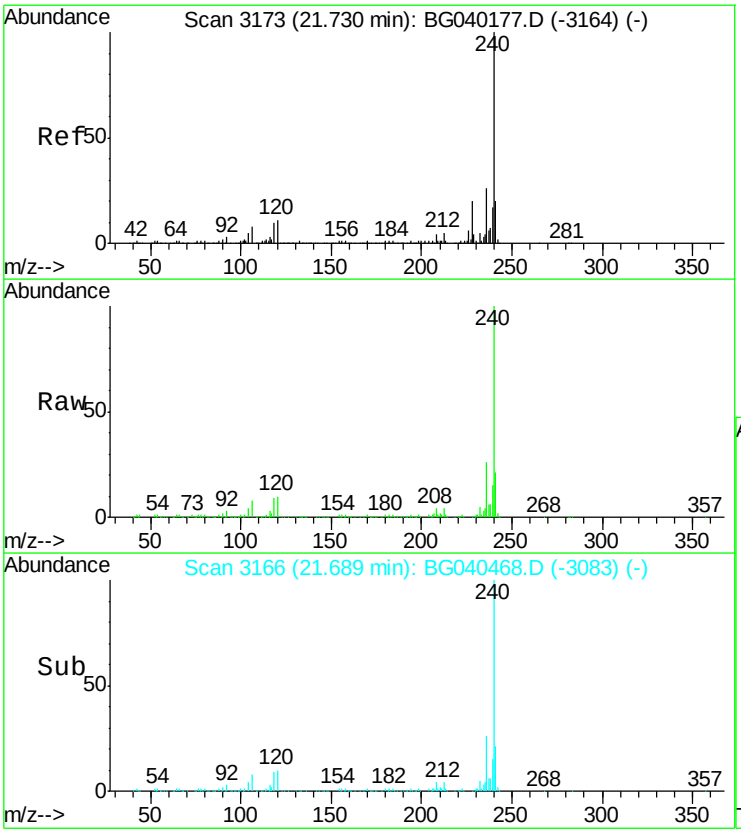

#74
Di-n-butylphthalate
Concen: 0.008 ng
RT: 18.37 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:149 Resp: 121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 7.9 | 11.9# |
| 104 | 0.0 | 4.1 | 6.1# |

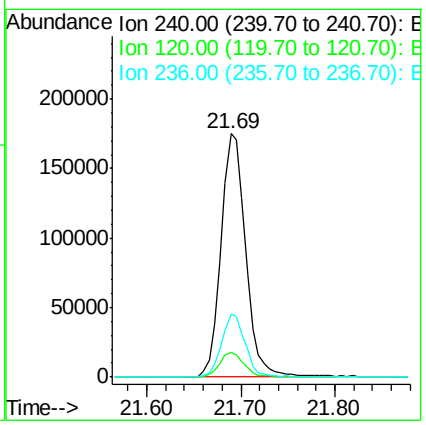


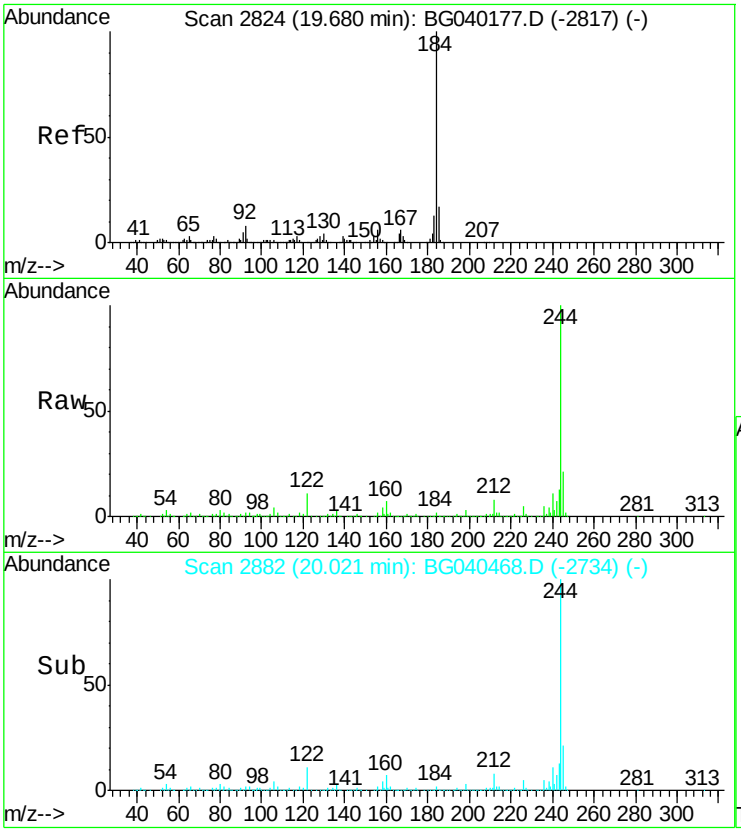




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:240 Resp: 321147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 8.4 | 12.6 |
| 236 | 25.8 | 20.8 | 31.2 |



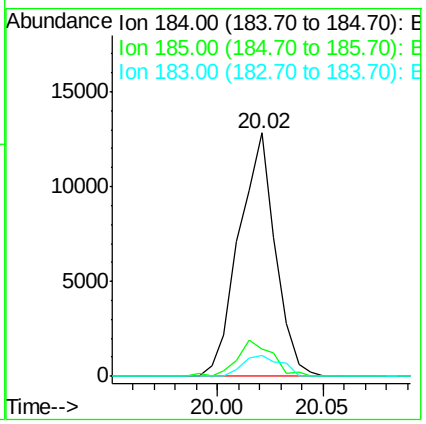


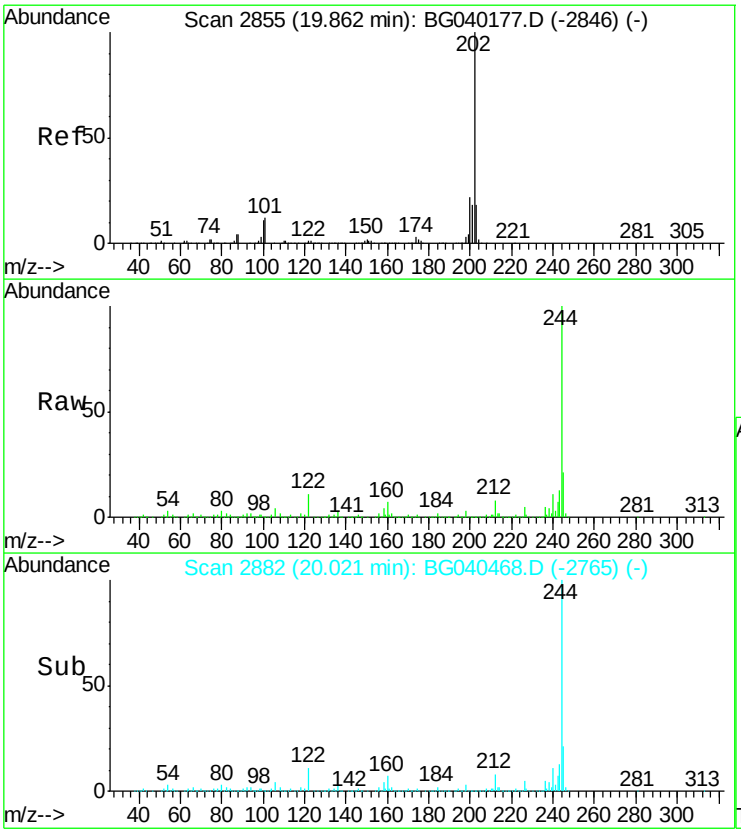

#77
Benzidine
Concen: 1.321 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.34 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:184 Resp: 15320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 11.0 | 13.3 | 19.9# |
| 183 | 8.6 | 10.3 | 15.5# |

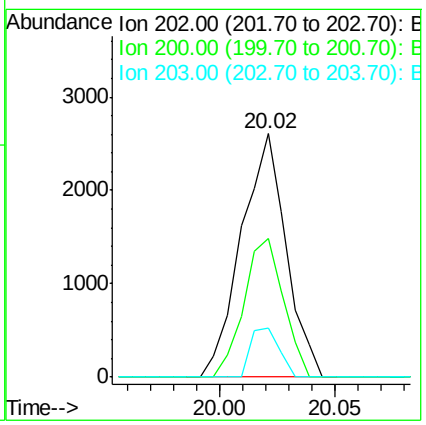


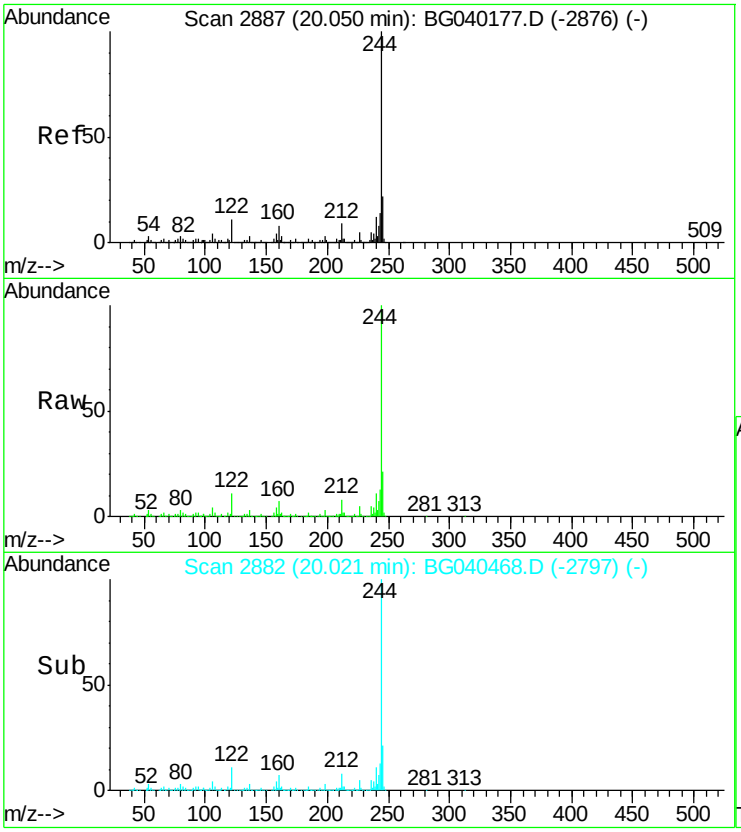




#78
Pyrene
Concen: 0.166 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.16 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:202 Resp: 3511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 57.2 | 17.3 | 25.9# |
| 203 | 20.0 | 14.6 | 22.0 |



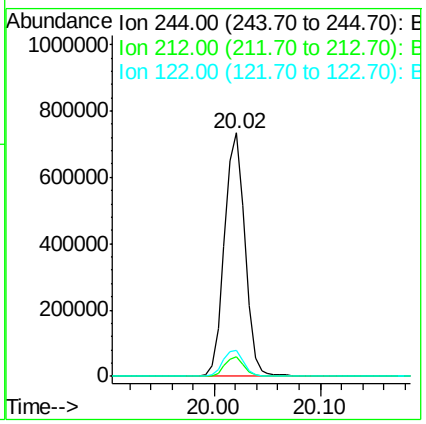


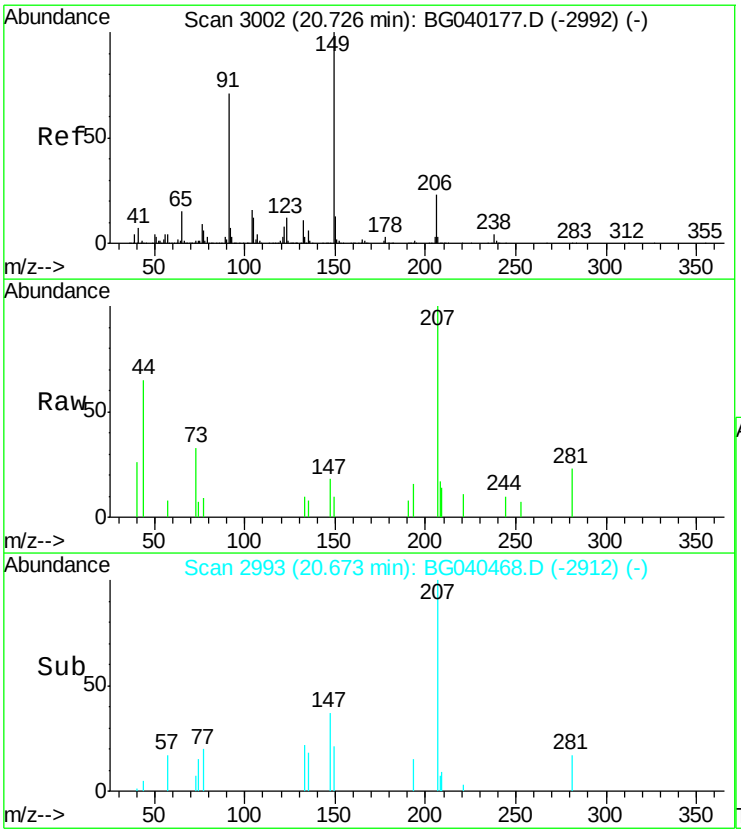

#79
Terphenyl-d14
Concen: 68.979 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:244 Resp: 984696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 7.0 | 10.6 |
| 122 | 10.6 | 8.5 | 12.7 |

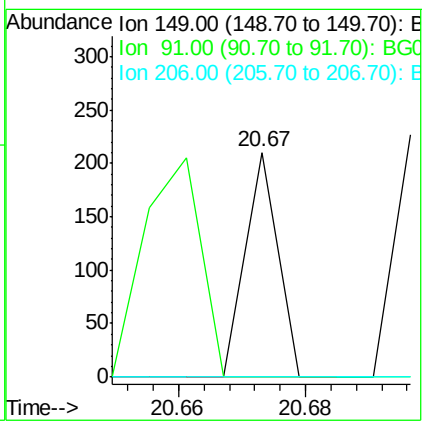


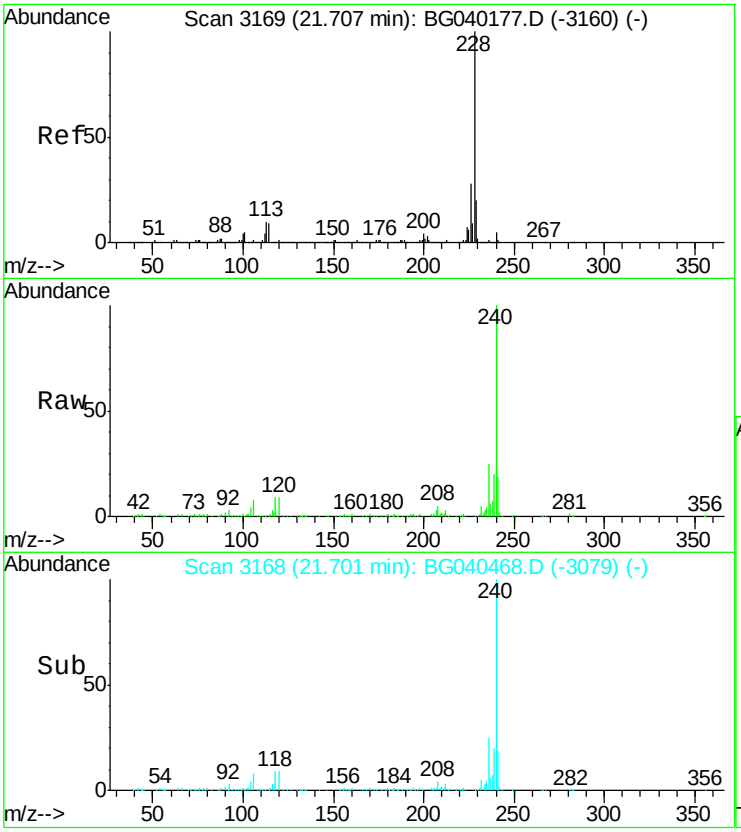




#80
Butylbenzylphthalate
Concen: 0.008 ng
RT: 20.67 min Scan# 2993
Delta R.T. -0.05 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:149 Resp: 74

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 0.0 | 57.0 | 85.4# |
| 206 | 0.0 | 18.2 | 27.4# |



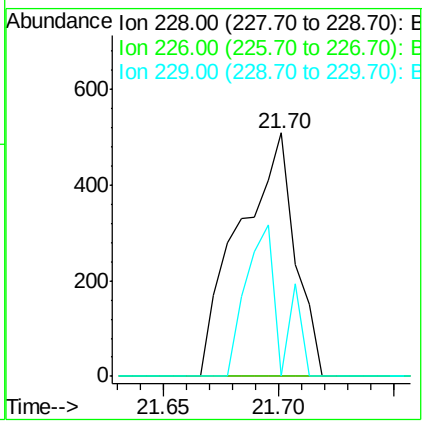


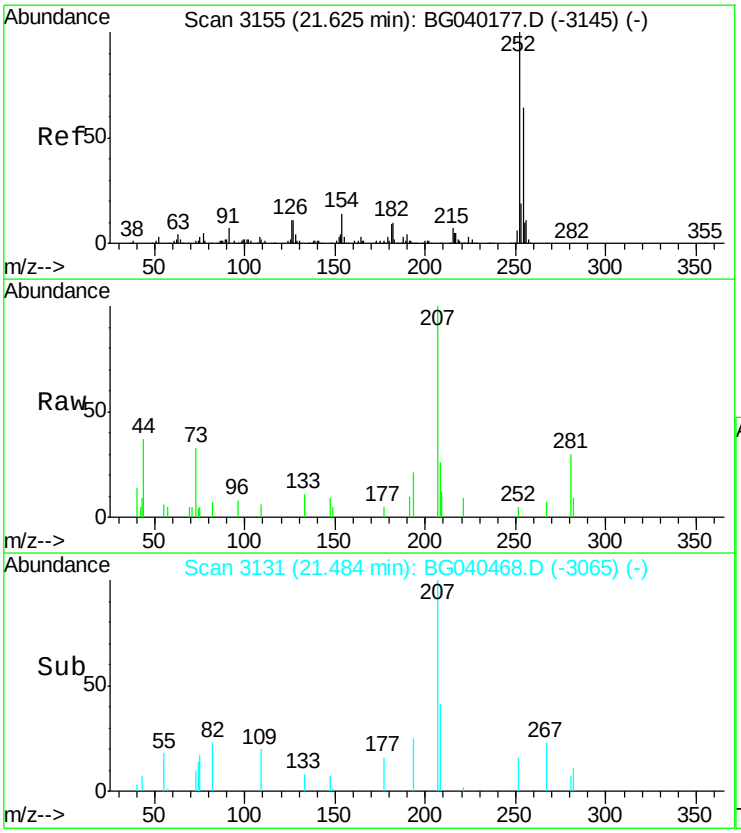

#81
Benzo(a)anthracene
Concen: 0.043 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:228 Resp: 853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 22.6 | 34.0# |
| 229 | 0.0 | 16.1 | 24.1# |

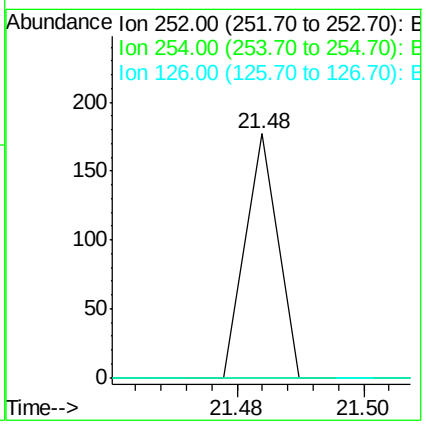


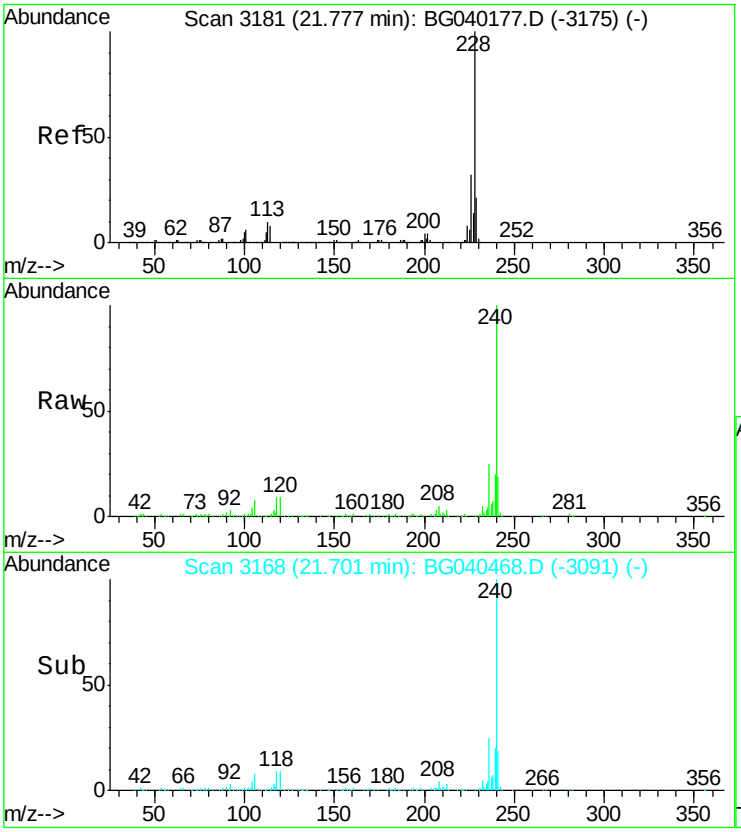




#82
3,3'-Dichlorobenzidine
Concen: 0.008 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.14 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:252 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 0.0 | 51.4 | 77.2# |
| 126 | 0.0 | 8.5 | 12.7# |



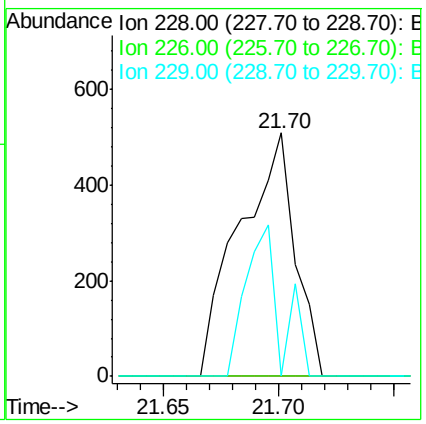


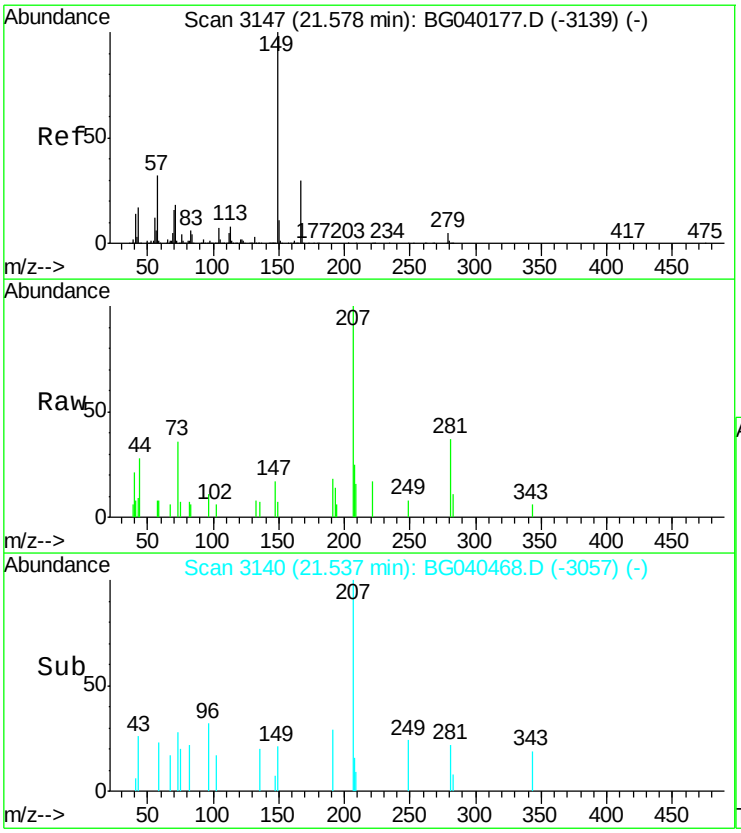

#83
Chrysene
Concen: 0.045 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.08 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:228 Resp: 853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 0.0 | 25.4 | 38.0# |
| 229 | 0.0 | 17.0 | 25.4# |

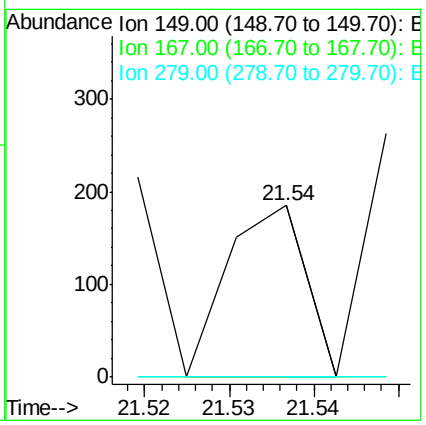


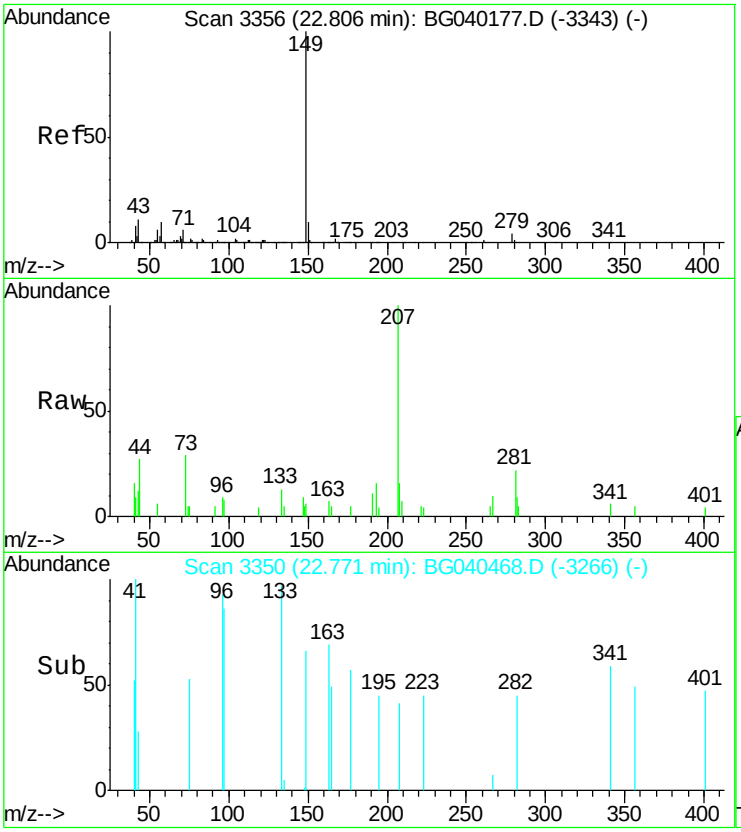




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.009 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:149 Resp: 118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 24.1 | 36.1# |
| 279 | 0.0 | 4.1 | 6.1# |



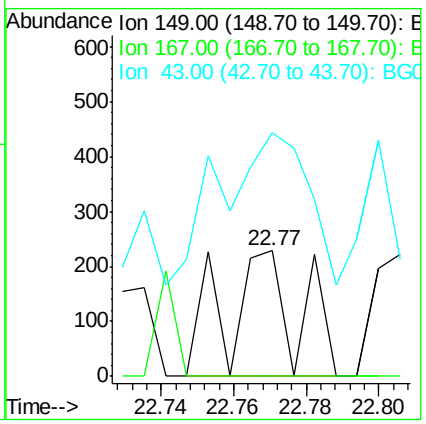


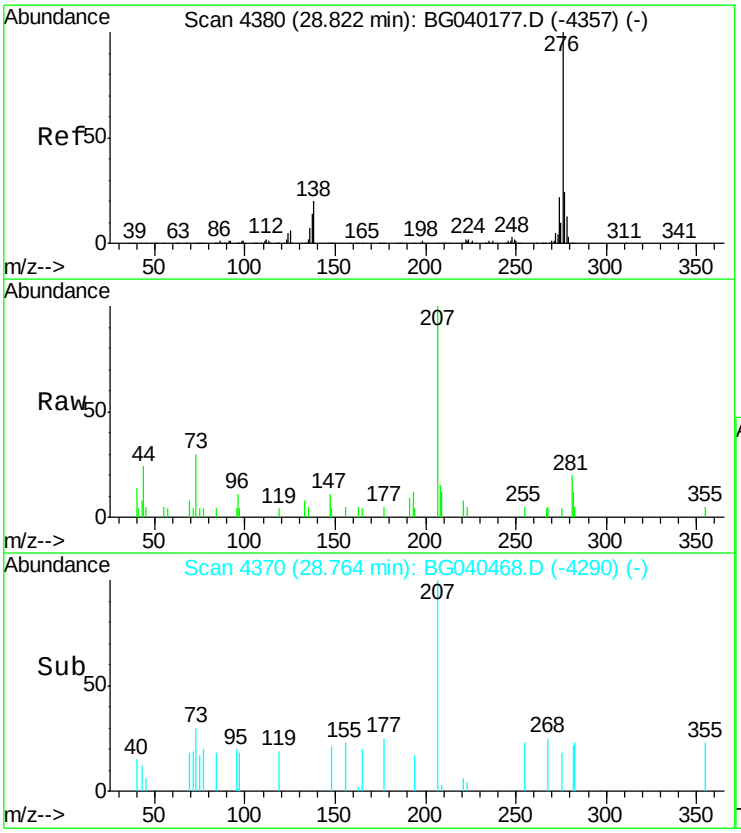

#85
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.04 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:149 Resp: 315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.4 | 2.0# |
| 43 | 147.3 | 8.7 | 13.1# |

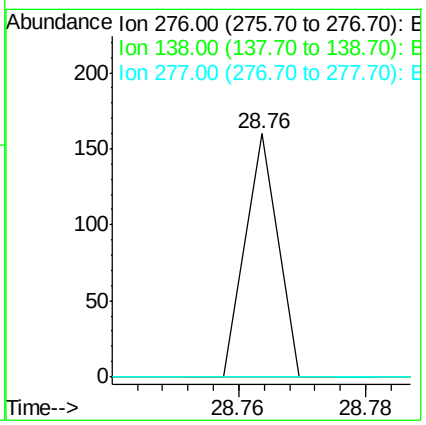


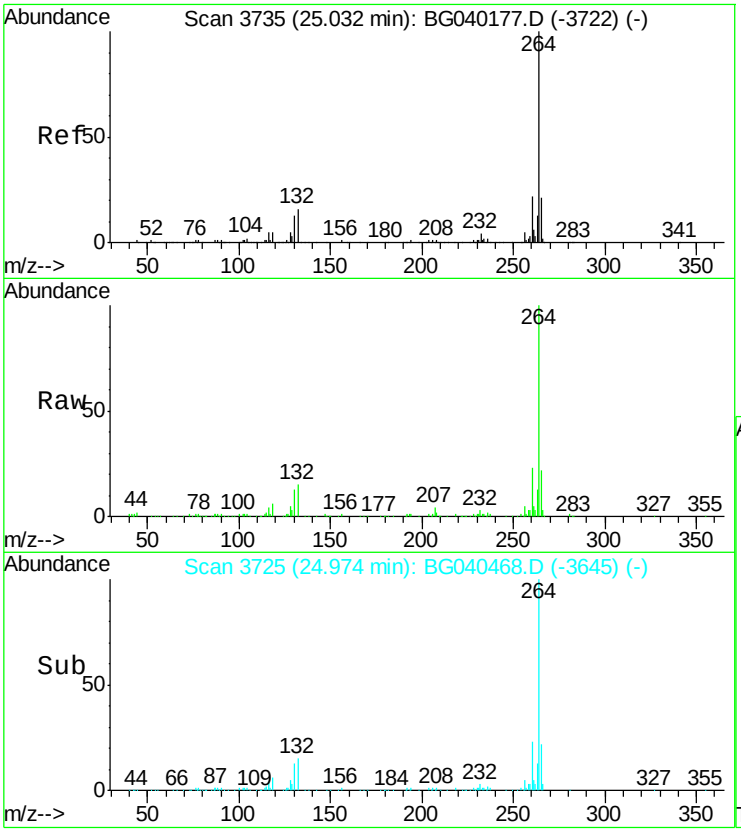




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 28.76 min Scan# 4370
Delta R.T. -0.06 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:276 Resp: 56

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 0.0 | 18.8 | 28.2# |
| 277 | 0.0 | 21.0 | 31.4# |



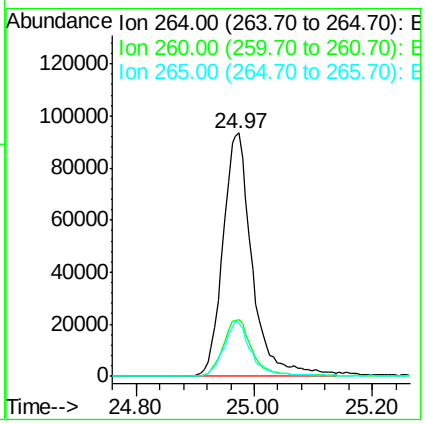


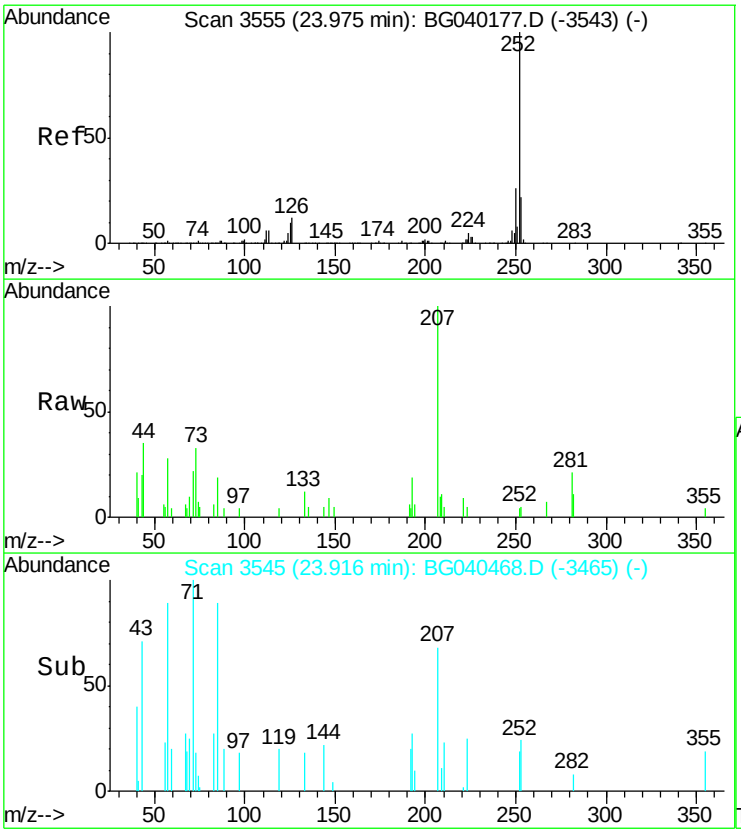

#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:264 Resp: 321957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 17.9 | 26.9 |
| 265 | 21.6 | 16.8 | 25.2 |

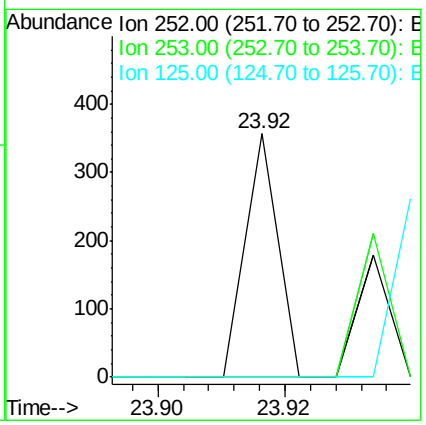


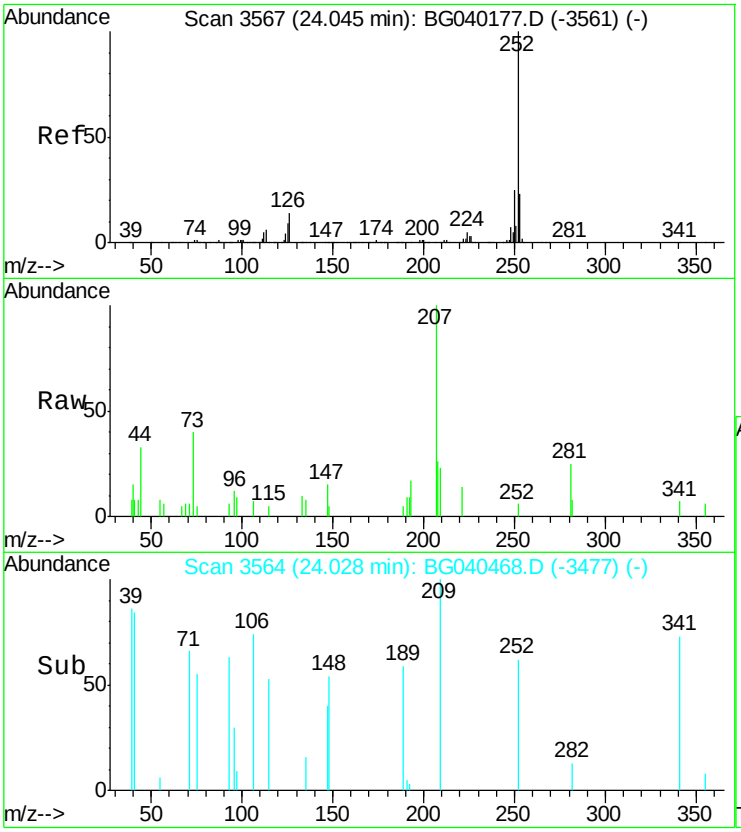




#88
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.06 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:252 Resp: 126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 0.0 | 17.6 | 26.4# |
| 125 | 0.0 | 8.2 | 12.4# |



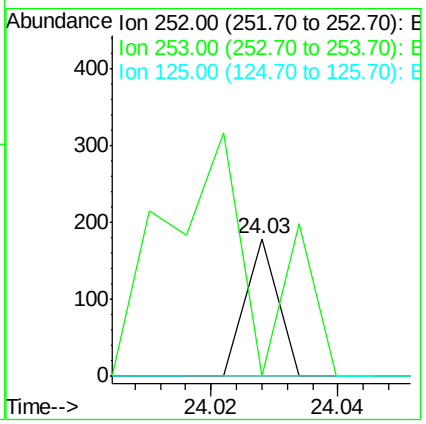


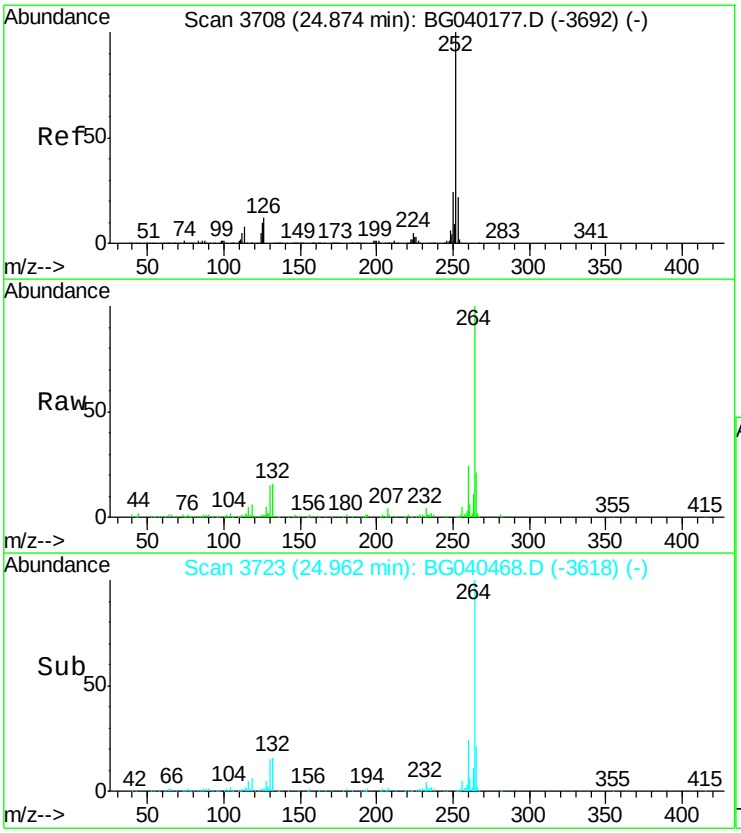

#89
Benzo(k)fluoranthene
Concen: 0.003 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.02 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:252 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 0.0 | 18.6 | 28.0# |
| 125 | 0.0 | 7.3 | 10.9# |

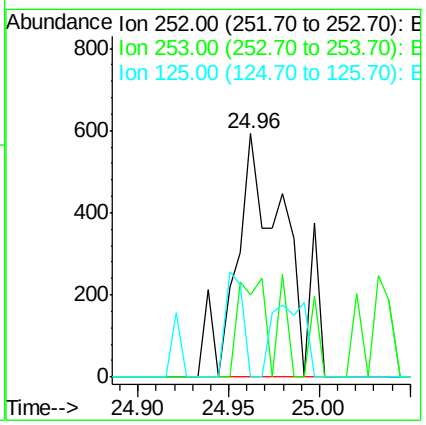


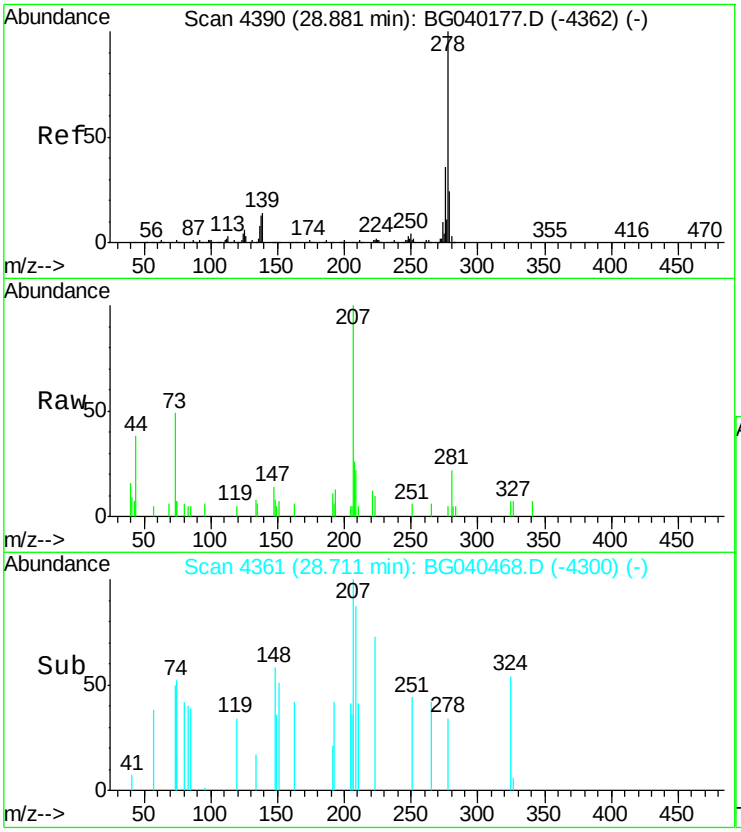




#90
Benzo(a)pyrene
Concen: 0.061 ng
RT: 24.96 min Scan# 3723
Delta R.T. 0.09 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

Tgt Ion:252 Resp: 1132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 33.9 | 17.8 | 26.8# |
| 125 | 0.0 | 8.3 | 12.5# |






#91
Dibenzo(a,h)anthracene
Concen: 0.003 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.17 min
Lab File: BG040468.D
Acq: 12 Apr 2019 19:30

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

Tgt Ion:278 Resp: 53

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 11.2 | 16.8# |
| 279 | 0.0 | 18.9 | 28.3# |