Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
Data File : BG039694.D
Acq On : 1 Mar 2019 19:41
Operator : JU/SJ
Sample : PB117492BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB117492BS

Quant Time: Mar 02 03:12:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 52419 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.98 | 136 | 233177 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.79 | 164 | 153084 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.53 | 188 | 341039 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.82 | 240 | 349032 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.19 | 264 | 350663 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.71 | 112 | 443183 | 144.70 | ng | | 0.00 |
| 7) Phenol-d6 | 7.31 | 99 | 636761 | 141.24 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.34 | 82 | 373564 | 100.08 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.28 | 330 | 219263 | 133.01 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.41 | 172 | 876118 | 82.10 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.12 | 244 | 1254502 | 76.08 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.60 | 88 | 45494 | 33.958 | ng | | 96 |
| 3) Pyridine | 4.00 | 79 | 129471 | 36.501 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.92 | 42 | 73292 | 41.316 | ng | | 92 |
| 6) Aniline | 7.49 | 93 | 118362 | 20.960 | ng | | 98 |
| 8) 2-Chlorophenol | 7.72 | 128 | 157828 | 47.143 | ng | | 96 |
| 9) Benzaldehyde | 7.31 | 77 | 69549 | 28.355 | ng | | 99 |
| 10) Phenol | 7.34 | 94 | 214571 | 45.658 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.58 | 93 | 146661 | 39.494 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 8.05 | 146 | 161715 | 39.874 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.20 | 146 | 164650 | 40.731 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.52 | 146 | 156899 | 40.094 | ng | | 99 |
| 15) Benzyl Alcohol | 8.40 | 79 | 149069 | 42.117 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68 | 45 | 283291 | 33.782 | ng | | 99 |
| 17) 2-Methylphenol | 8.60 | 107 | 141946 | 46.675 | ng | | 93 |
| 18) Hexachloroethane | 9.25 | 117 | 57647 | 41.451 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.97 | 70 | 122805 | 38.379 | ng | | 92 |
| 20) 3+4-Methylphenols | 8.93 | 107 | 192485 | 45.962 | ng | | 97 |
| 22) Acetophenone | 8.99 | 105 | 235907 | 37.664 | ng | # | 94 |
| 24) Nitrobenzene | 9.39 | 77 | 185231 | 45.936 | ng | | 98 |
| 25) Isophorone | 9.90 | 82 | 351295 | 42.472 | ng | | 99 |
| 26) 2-Nitrophenol | 10.10 | 139 | 91776 | 55.341 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 10.14 | 122 | 158570 | 47.392 | ng | | 90 |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93 | 214576 | 42.118 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.63 | 162 | 171549 | 46.912 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.84 | 180 | 173824 | 42.339 | ng | | 99 |
| 31) Naphthalene | 11.04 | 128 | 492187 | 42.548 | ng | | 99 |
| 32) Benzoic acid | 10.26 | 122 | 70048 | 34.983 | ng | | 98 |
| 33) 4-Chloroaniline | 11.15 | 127 | 67527 | 12.590 | ng | | 97 |
| 34) Hexachlorobutadiene | 11.30 | 225 | 110167 | 40.349 | ng | | 98 |
| 35) Caprolactam | 11.93 | 113 | 56479 | 37.323 | ng | # | 80 |
| 36) 4-Chloro-3-methylphenol | 12.25 | 107 | 178797 | 42.277 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.63 | 142 | 365944 | 42.712 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.85 | 142 | 352093 | 42.632 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 203980 | 41.879 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
Data File : BG039694.D
Acq On : 1 Mar 2019 19:41
Operator : JU/SJ
Sample : PB117492BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB117492BS

Quant Time: Mar 02 03:12:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

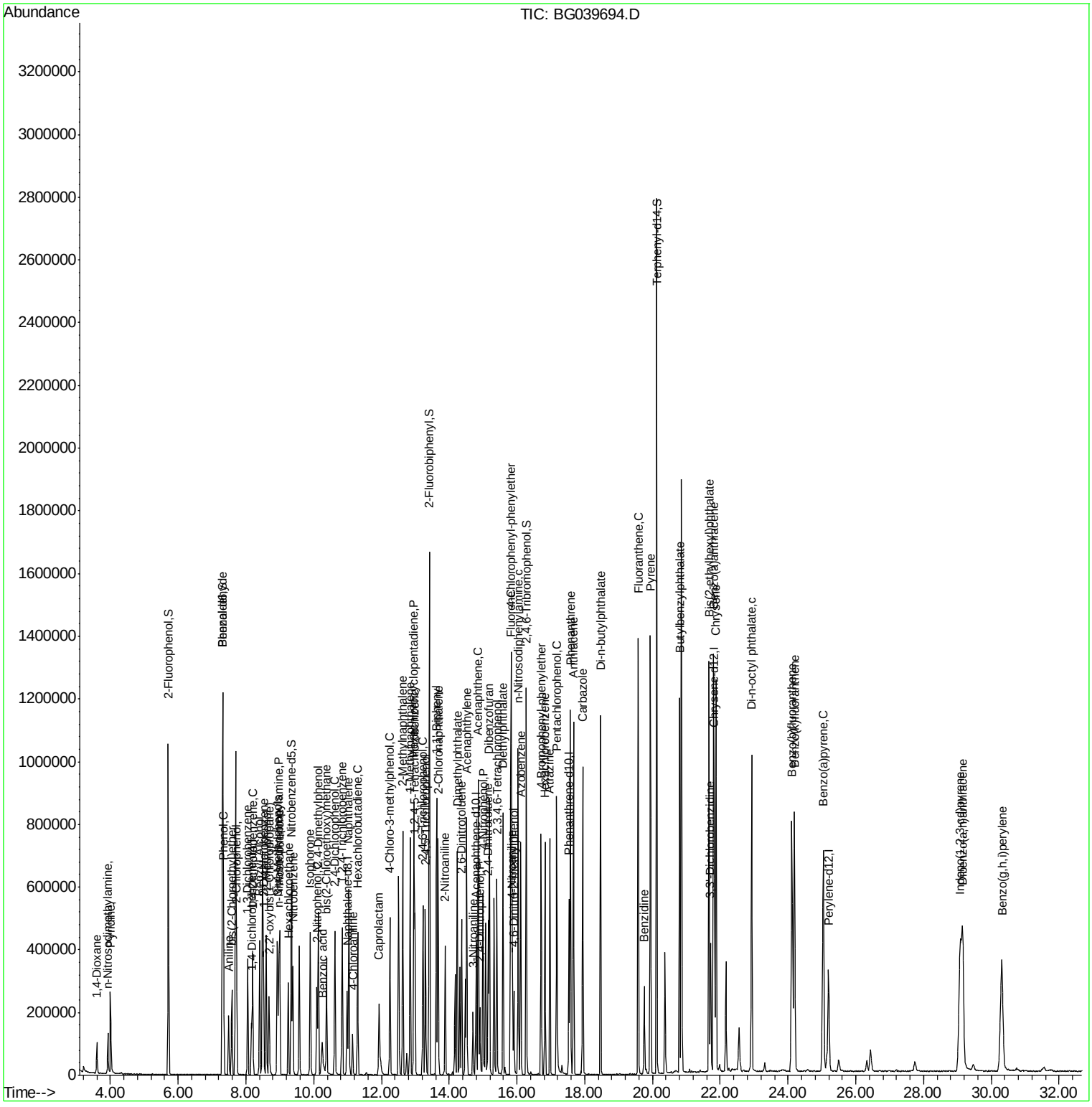
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.96 | 237 | 266610 | 100.452 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 13.22 | 196 | 139253 | 46.499 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 13.30 | 196 | 147920 | 47.127 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.63 | 154 | 492544 | 38.670 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.67 | 162 | 381758 | 39.842 | ng | | 98 |
| 48) 2-Nitroaniline | 13.88 | 65 | 125856 | 46.118 | ng | | 97 |
| 49) Acenaphthylene | 14.51 | 152 | 604830 | 41.833 | ng | | 98 |
| 50) Dimethylphthalate | 14.24 | 163 | 485117 | 39.237 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.37 | 165 | 108944 | 47.264 | ng | | 91 |
| 52) Acenaphthene | 14.85 | 154 | 366995 | 39.104 | ng | | 99 |
| 53) 3-Nitroaniline | 14.70 | 138 | 50969 | 23.768 | ng | # | 93 |
| 54) 2,4-Dinitrophenol | 14.90 | 184 | 54299 | 60.442 | ng | | 98 |
| 55) Dibenzofuran | 15.18 | 168 | 591680 | 39.321 | ng | | 98 |
| 56) 4-Nitrophenol | 15.00 | 139 | 164293 | 73.965 | ng | | 88 |
| 57) 2,4-Dinitrotoluene | 15.15 | 165 | 150906 | 50.497 | ng | # | 86 |
| 58) Fluorene | 15.84 | 166 | 461771 | 41.166 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.41 | 232 | 135013 | 45.941 | ng | | 97 |
| 60) Diethylphthalate | 15.59 | 149 | 474177 | 37.094 | ng | | 97 |
| 61) 4-Chlorophenyl-phenylether | 15.82 | 204 | 247573 | 38.979 | ng | | 97 |
| 62) 4-Nitroaniline | 15.87 | 138 | 110013 | 42.920 | ng | | 91 |
| 63) Azobenzene | 16.11 | 77 | 433960 | 34.733 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198 | 64648 | 48.084 | ng | | 99 |
| 66) n-Nitrosodiphenylamine | 16.04 | 169 | 412956 | 39.823 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.71 | 248 | 154982 | 40.963 | ng | | 96 |
| 68) Hexachlorobenzene | 16.83 | 284 | 159192 | 41.938 | ng | | 95 |
| 69) Atrazine | 16.97 | 200 | 149234 | 39.380 | ng | | 95 |
| 70) Pentachlorophenol | 17.18 | 266 | 190059 | 72.040 | ng | | 99 |
| 71) Phenanthrene | 17.57 | 178 | 740133 | 41.931 | ng | | 98 |
| 72) Anthracene | 17.67 | 178 | 747276 | 42.980 | ng | | 99 |
| 73) Carbazole | 17.94 | 167 | 654115 | 37.698 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.47 | 149 | 789847 | 39.019 | ng | | 100 |
| 75) Fluoranthene | 19.58 | 202 | 890013 | 43.442 | ng | | 99 |
| 77) Benzidine | 19.75 | 184 | 174735 | 15.270 | ng | | 98 |
| 78) Pyrene | 19.94 | 202 | 902063 | 41.516 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.81 | 149 | 384360 | 41.934 | ng | | 94 |
| 81) Benzo(a)anthracene | 21.80 | 228 | 891371 | 43.220 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.71 | 252 | 151281 | 19.782 | ng | | 99 |
| 83) Chrysene | 21.87 | 228 | 822885 | 41.914 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.66 | 149 | 528882 | 40.446 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.93 | 149 | 907050 | 41.987 | ng | | 95 |
| 86) Indeno(1,2,3-cd)pyrene | 29.08 | 276 | 966878 | 45.901 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 24.12 | 252 | 846030 | 44.240 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.18 | 252 | 840085 | 43.755 | ng | | 100 |
| 90) Benzo(a)pyrene | 25.04 | 252 | 834058 | 45.286 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 29.16 | 278 | 776032 | 44.993 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 30.31 | 276 | 788720 | 45.879 | ng | | 97 |

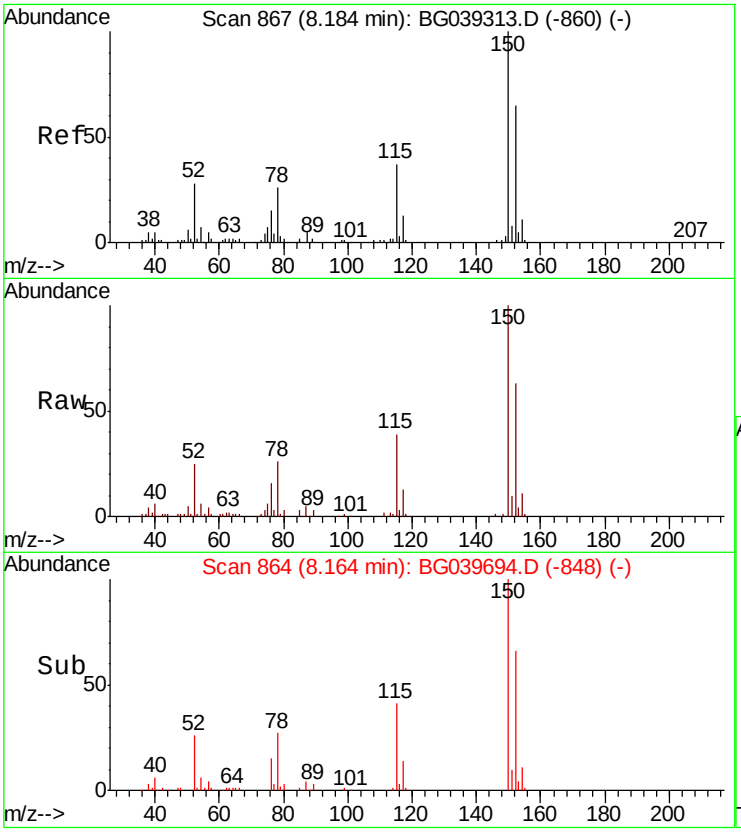
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030119\
Data File : BG039694.D
Acq On : 1 Mar 2019 19:41
Operator : JU/SJ
Sample : PB117492BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Quant Time: Mar 02 03:12:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration



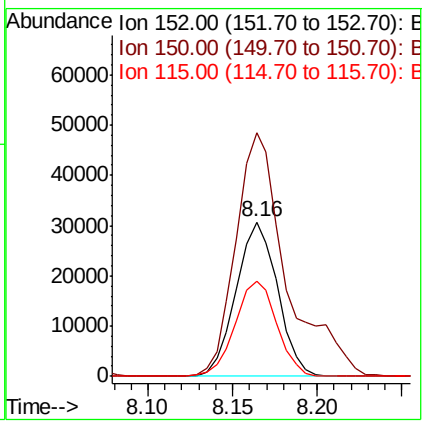


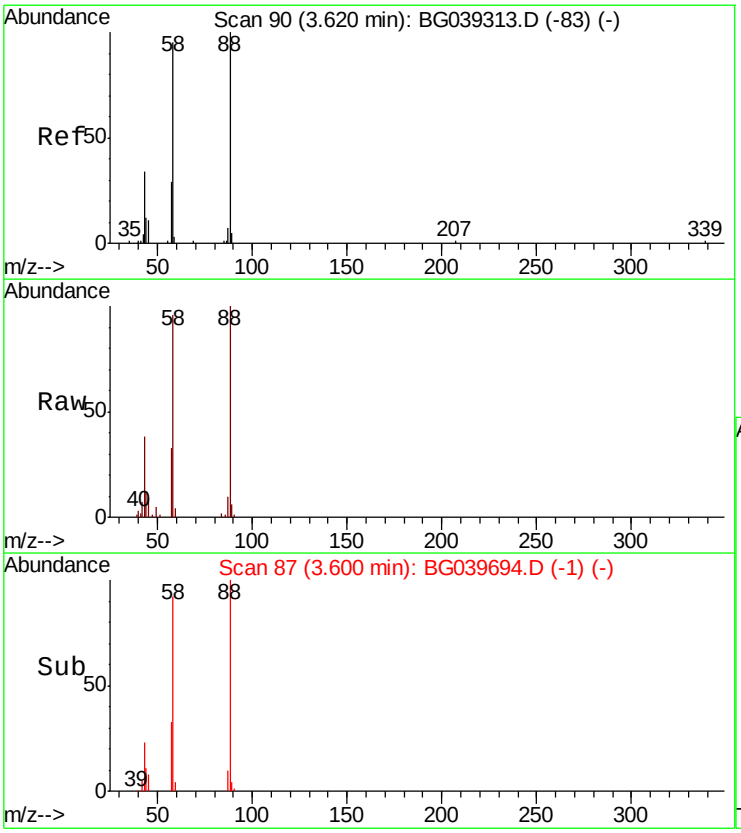

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:152 Resp: 52419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.0 | 123.7 | 185.5 |
| 115 | 61.7 | 45.9 | 68.9 |

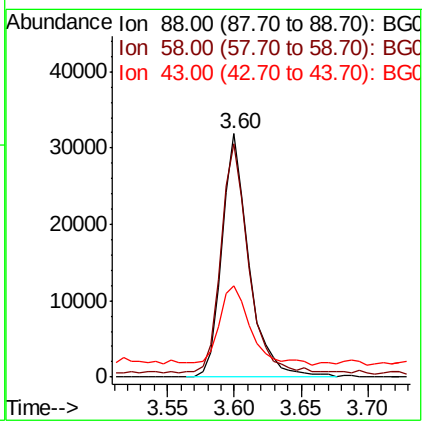


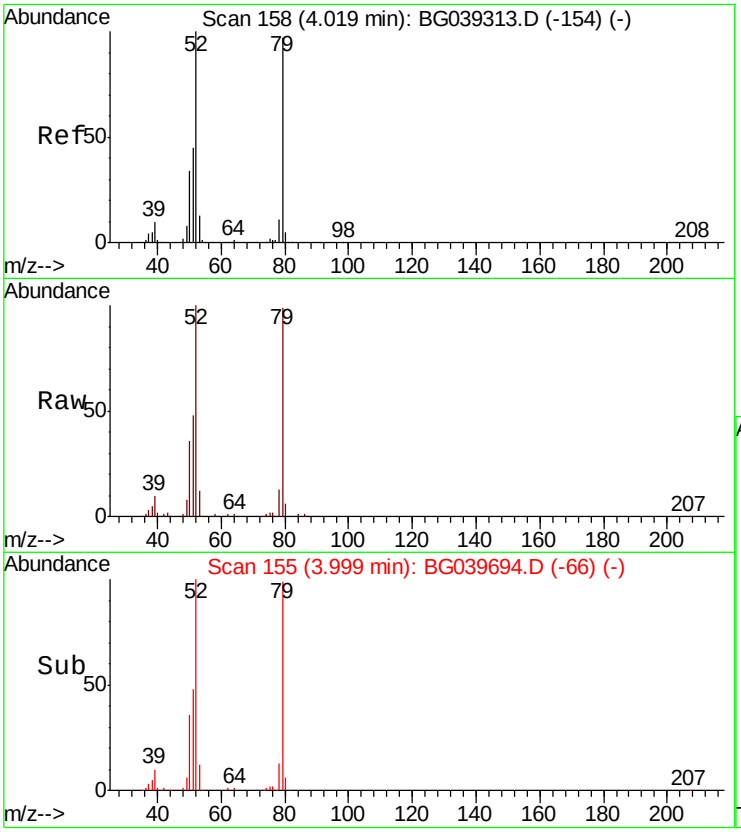




#2
1,4-Dioxane
Concen: 33.958 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 88 Resp: 45494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 97.1 | 81.1 | 121.7 |
| 43 | 37.0 | 31.4 | 47.0 |



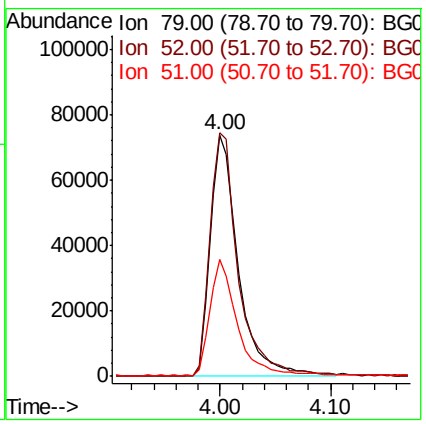


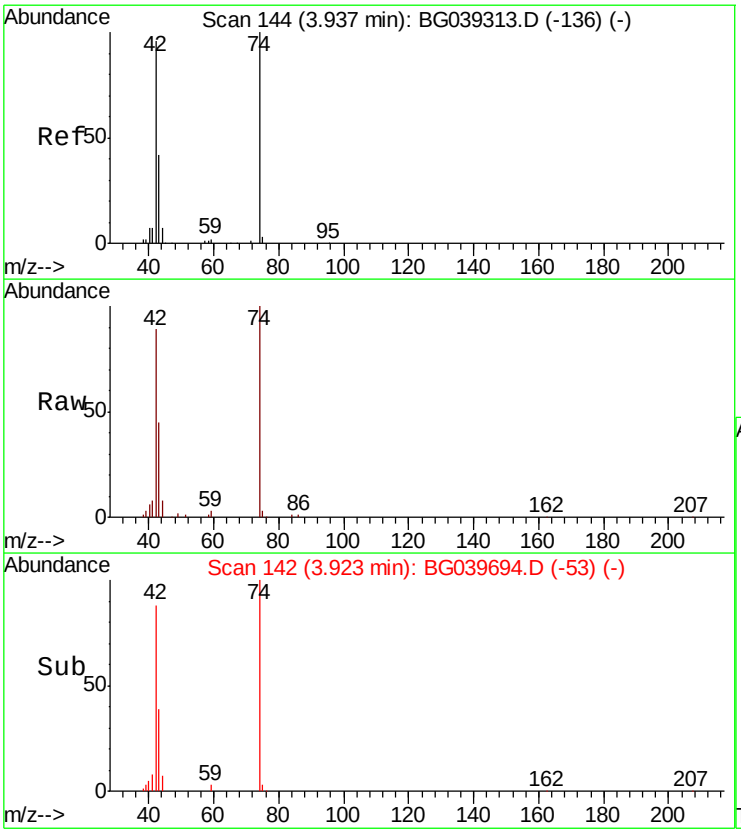

#3
Pyridine
Concen: 36.501 ng
RT: 4.00 min Scan# 155
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion: 79 Resp: 129471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 101.0 | 82.6 | 124.0 |
| 51 | 48.7 | 37.5 | 56.3 |

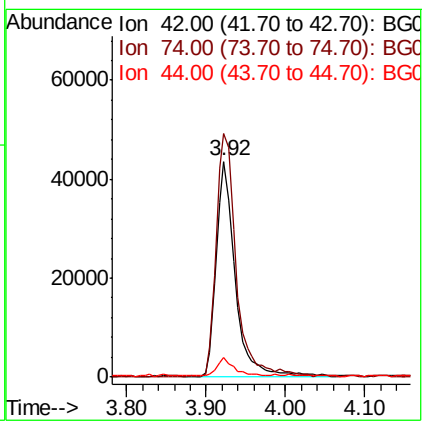


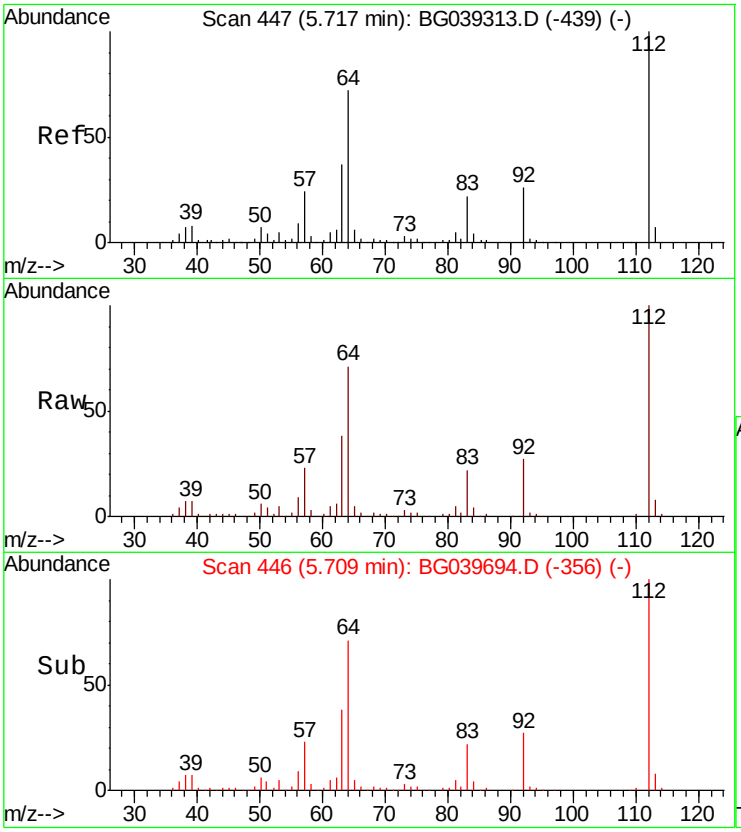




#4
n-Nitrosodimethylamine
Concen: 41.316 ng
RT: 3.92 min Scan# 142
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 42 Resp: 73292

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 112.8 | 83.6 | 125.4 |
| 44 | 9.1 | 6.9 | 10.3 |



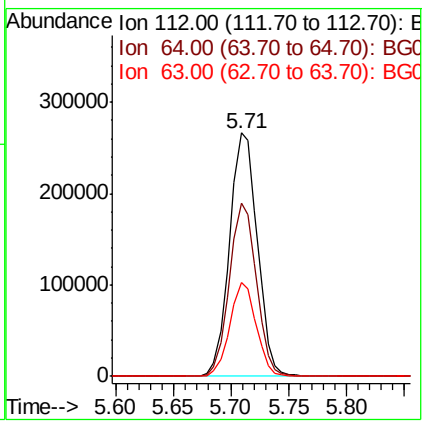


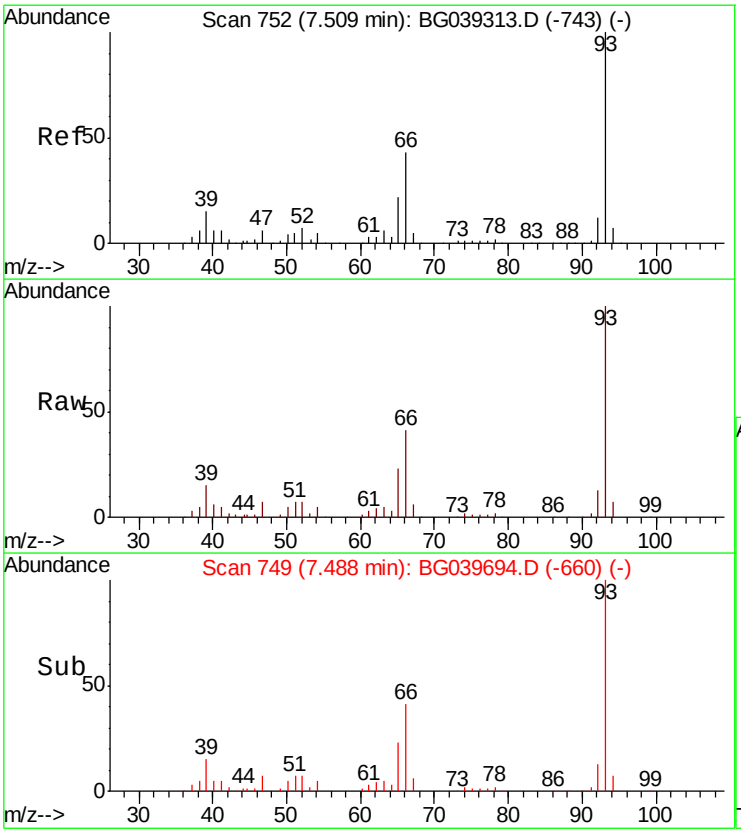

#5
2-Fluorophenol
Concen: 144.702 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:112 Resp: 443183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.2 | 57.8 | 86.8 |
| 63 | 38.3 | 29.8 | 44.6 |

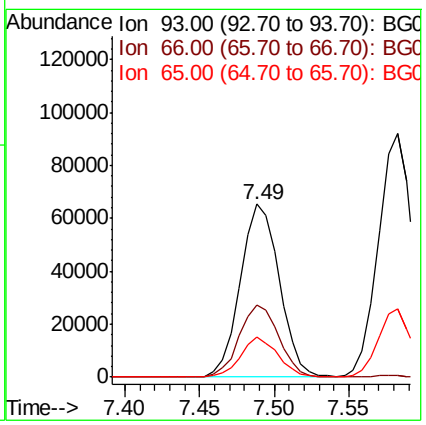


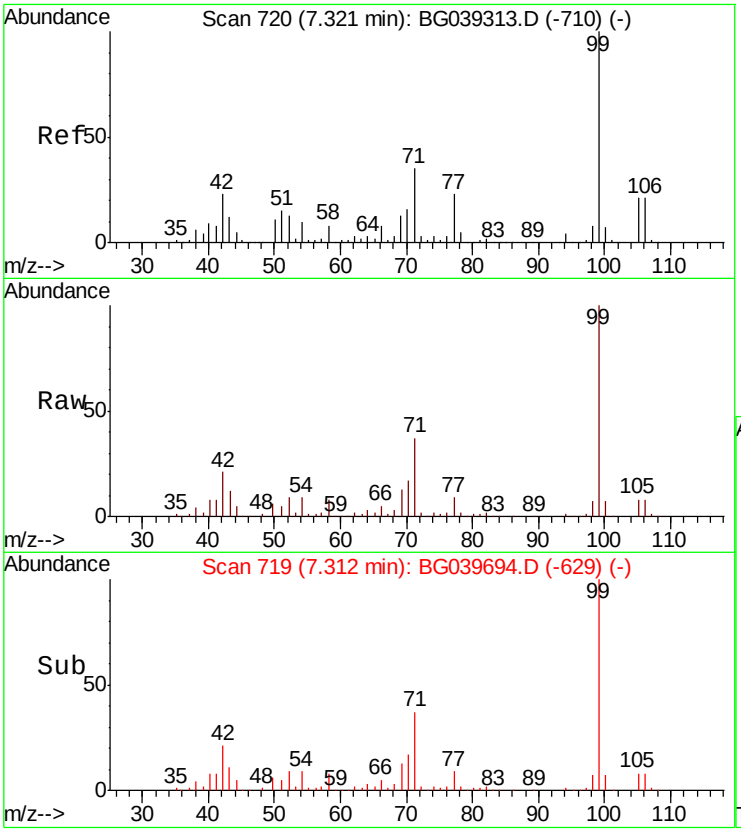




#6
Aniline
Concen: 20.960 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 93 Resp: 118362

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 41.4 | 34.2 | 51.4 |
| 65 | 23.0 | 17.7 | 26.5 |



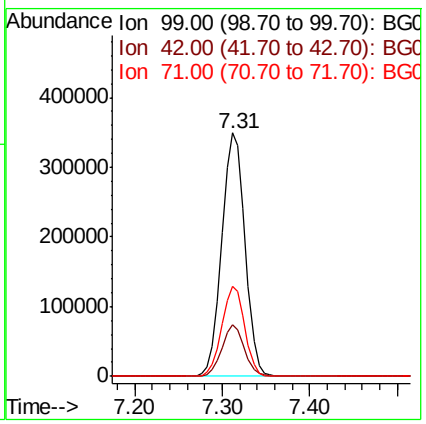


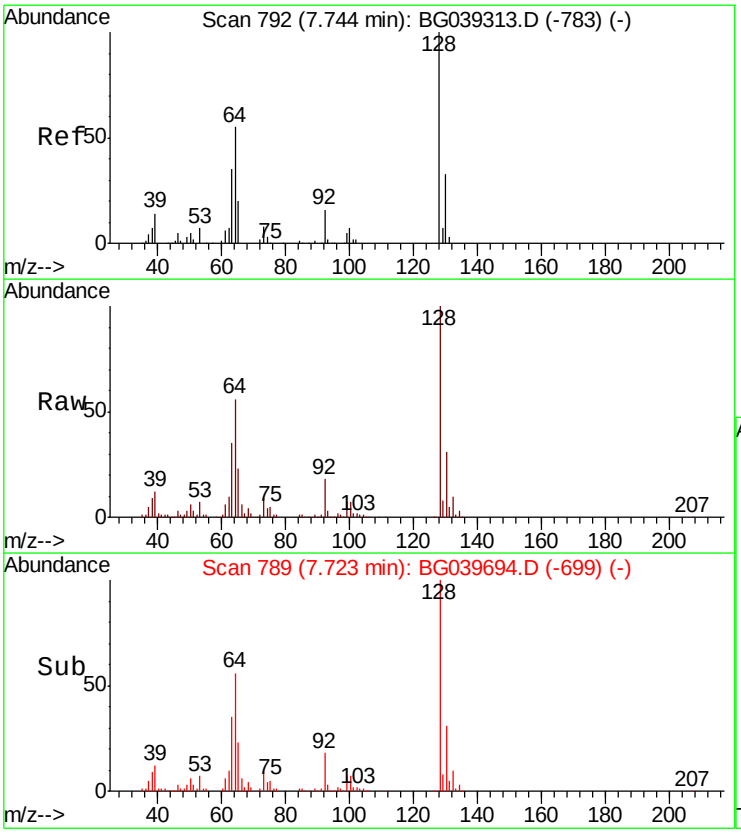

#7
Phenol-d6
Concen: 141.243 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion: 99 Resp: 636761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.2 | 18.2 | 27.2 |
| 71 | 37.1 | 28.0 | 42.0 |

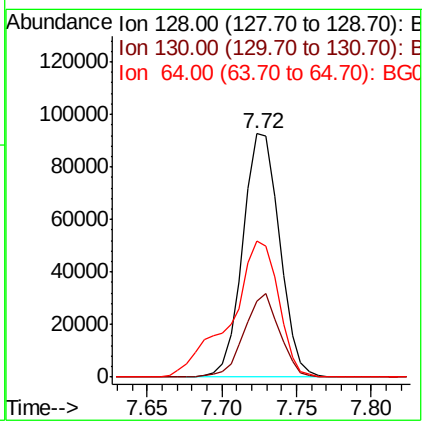


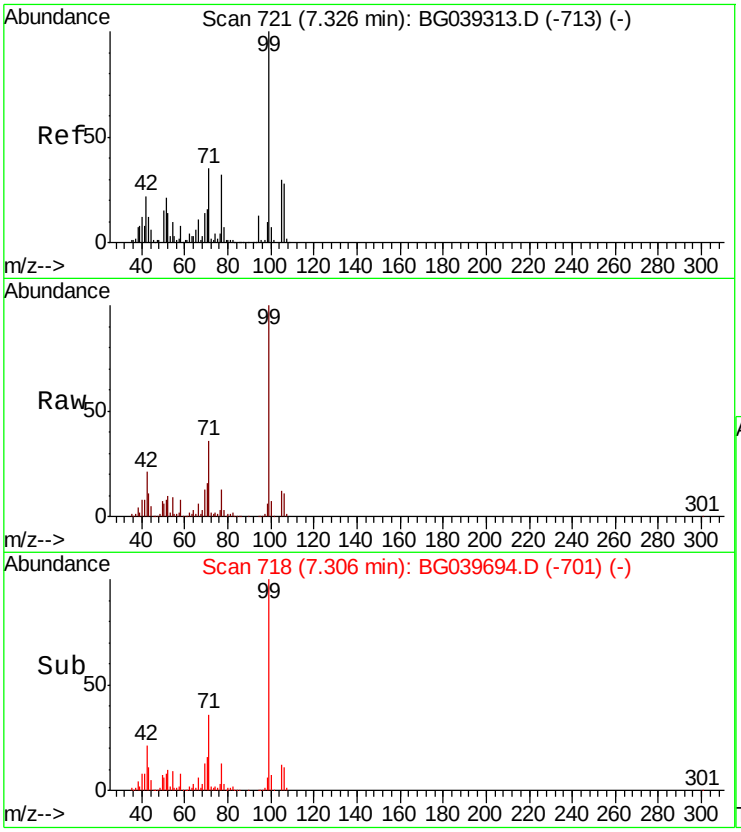




#8
2-Chlorophenol
Concen: 47.143 ng
RT: 7.72 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:128 Resp: 157828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.3 | 12.9 | 52.9 |
| 64 | 55.7 | 38.7 | 78.7 |



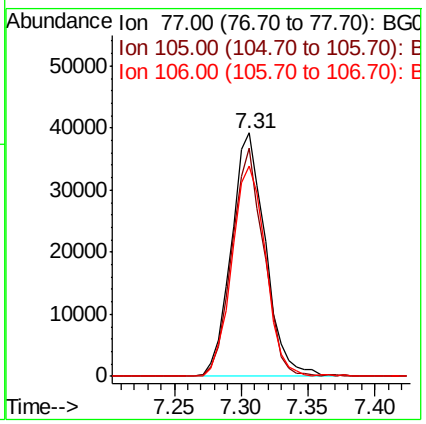


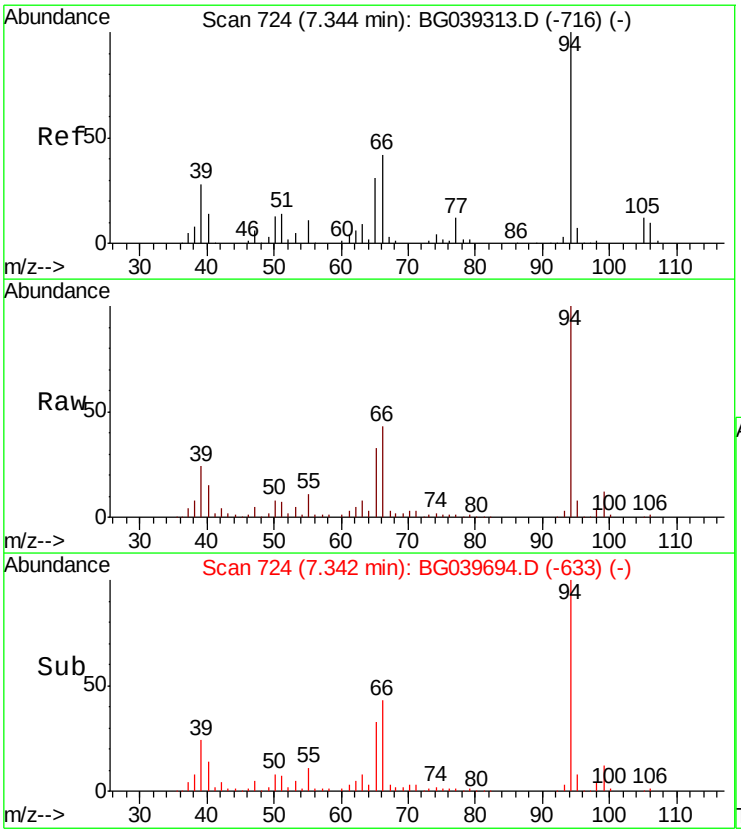

#9
Benzaldehyde
Concen: 28.355 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion: 77 Resp: 69549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 93.8 | 74.5 | 114.5 |
| 106 | 86.3 | 68.0 | 108.0 |

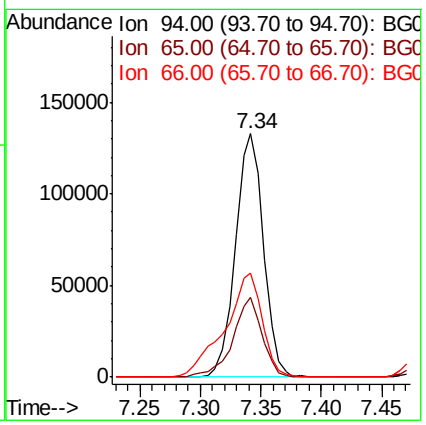


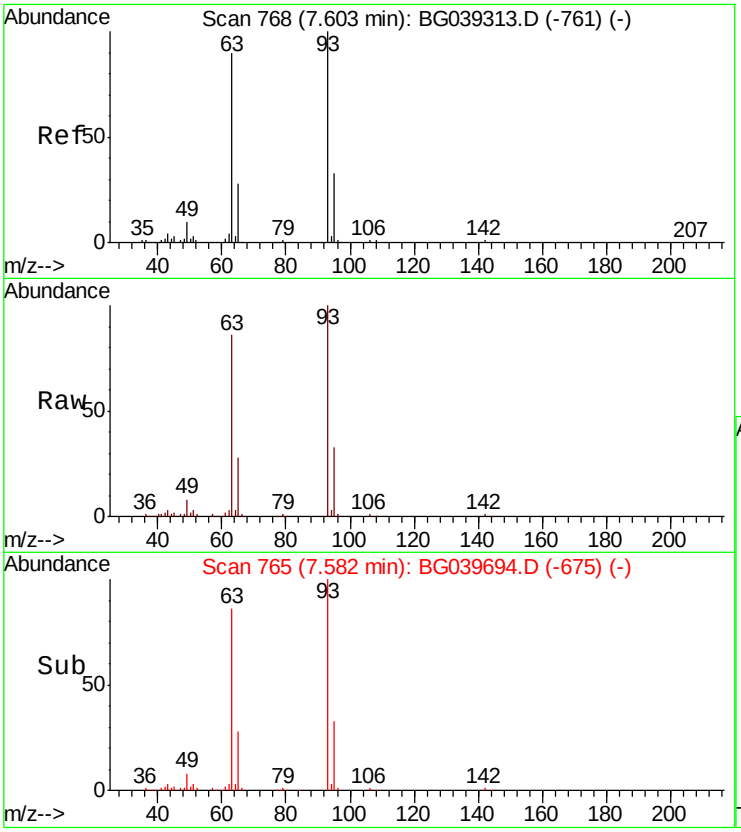




#10
Phenol
Concen: 45.658 ng
RT: 7.34 min Scan# 724
Delta R.T. 0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 94 Resp: 214571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 32.6 | 11.7 | 51.7 |
| 66 | 43.0 | 23.7 | 63.7 |



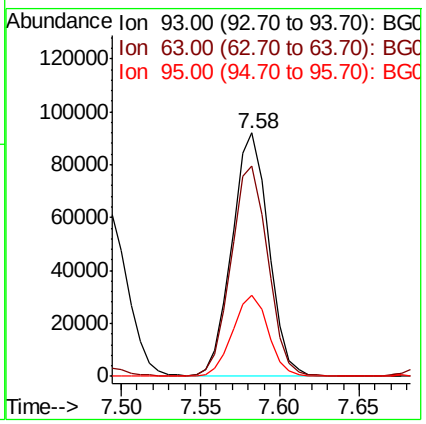


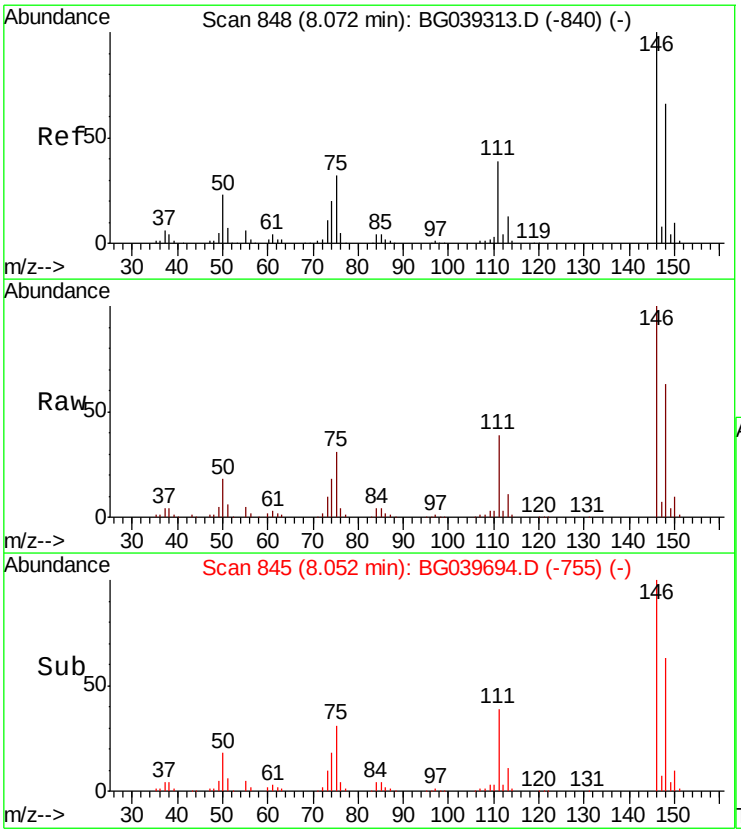

#11
bis(2-Chloroethyl)ether
Concen: 39.494 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion: 93 Resp: 146661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 86.4 | 69.5 | 109.5 |
| 95 | 33.2 | 12.7 | 52.7 |

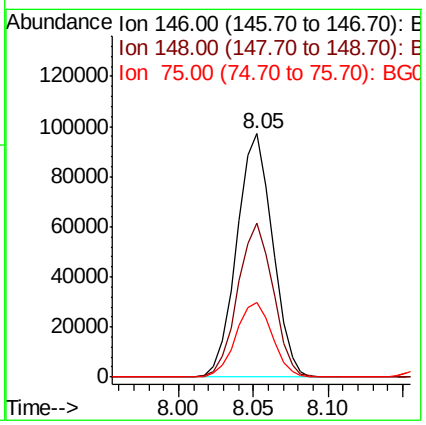


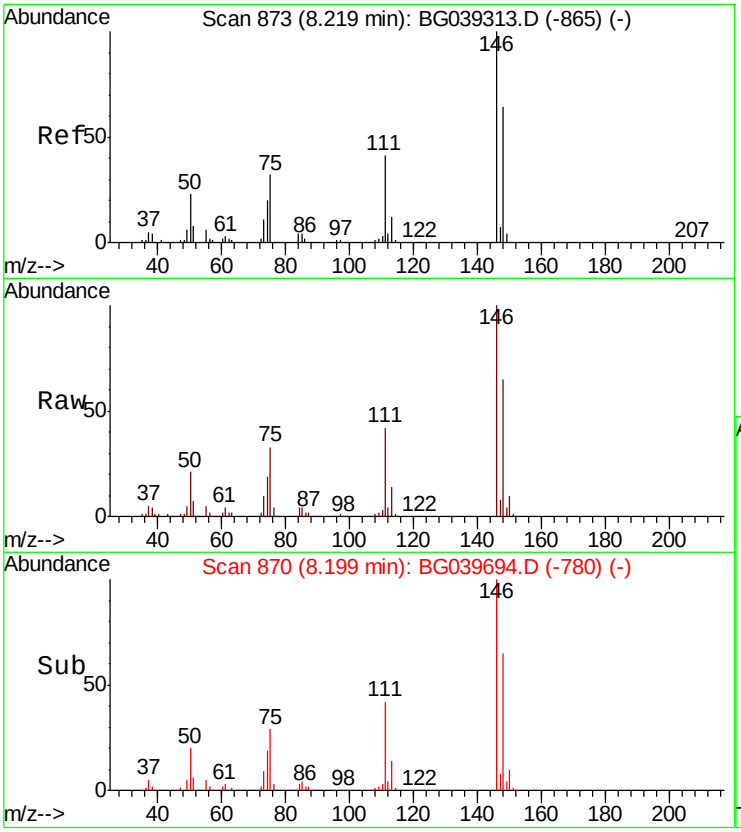




#12
1,3-Dichlorobenzene
Concen: 39.874 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:146 Resp: 161715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.5 | 52.6 | 79.0 |
| 75 | 30.6 | 25.8 | 38.6 |



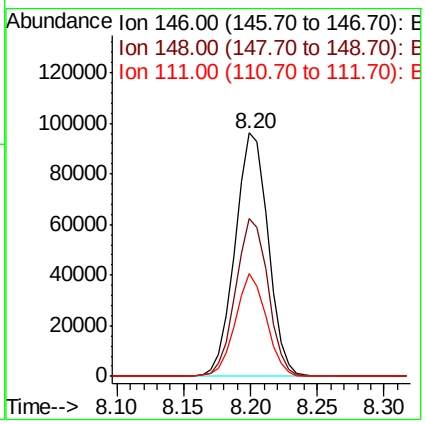


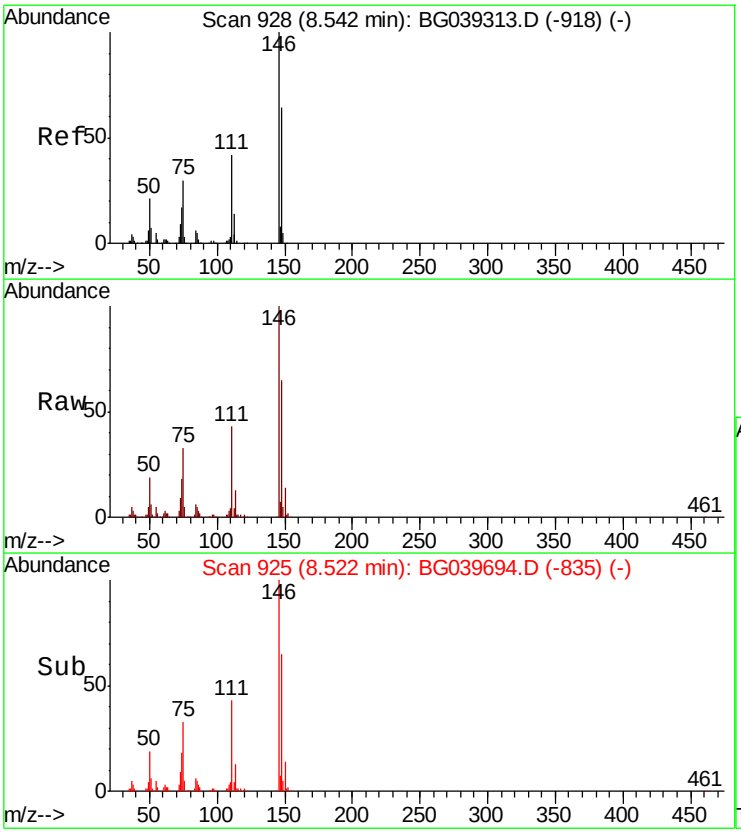

#13
1,4-Dichlorobenzene
Concen: 40.731 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:146 Resp: 164650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.7 | 51.1 | 76.7 |
| 111 | 42.3 | 32.6 | 48.8 |

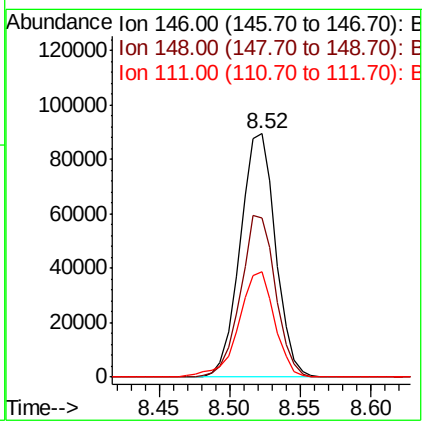


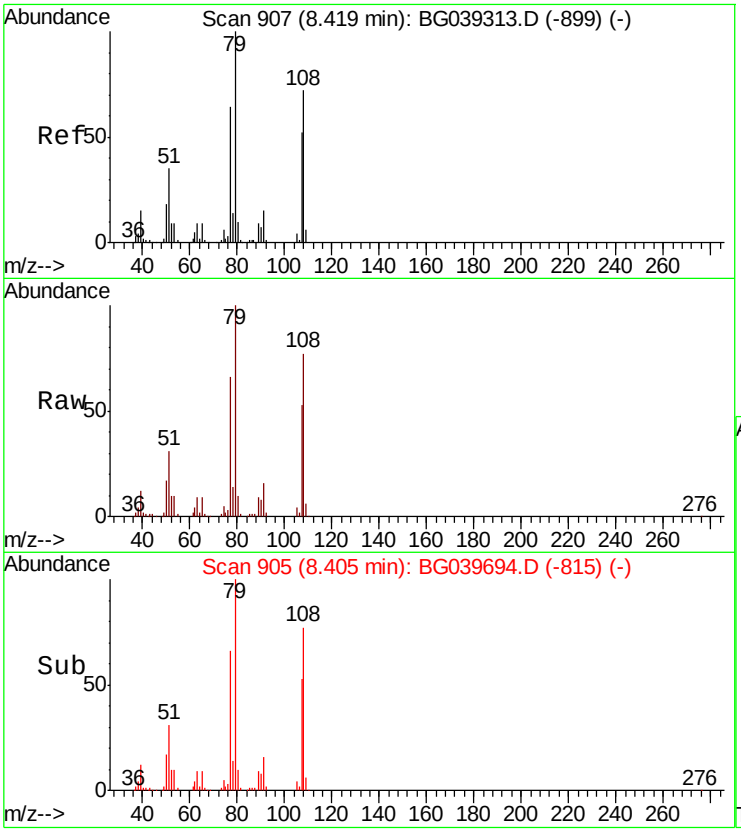




#14
1,2-Dichlorobenzene
Concen: 40.094 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:146 Resp: 156899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.5 | 51.5 | 77.3 |
| 111 | 43.1 | 33.8 | 50.6 |



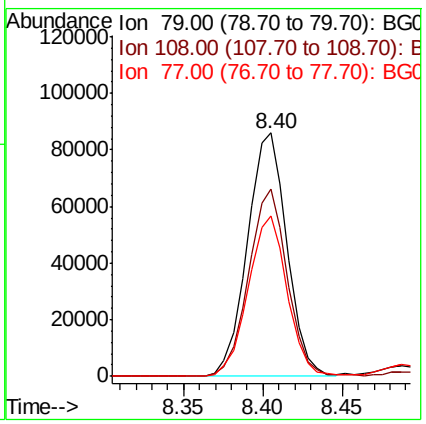


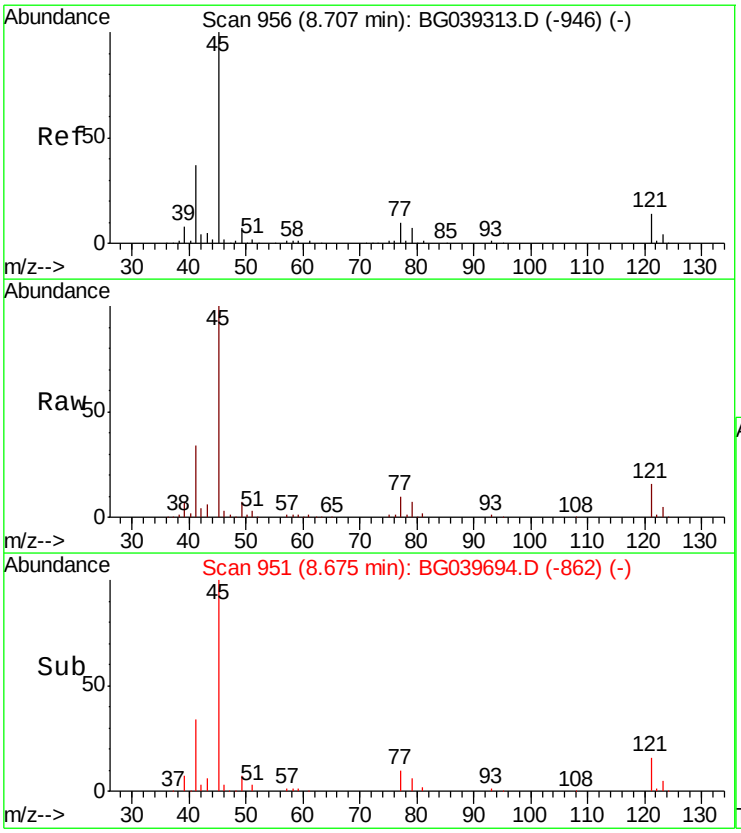

#15
Benzyl Alcohol
Concen: 42.117 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion: 79 Resp: 149069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 77.0 | 57.8 | 86.6 |
| 77 | 65.7 | 51.1 | 76.7 |

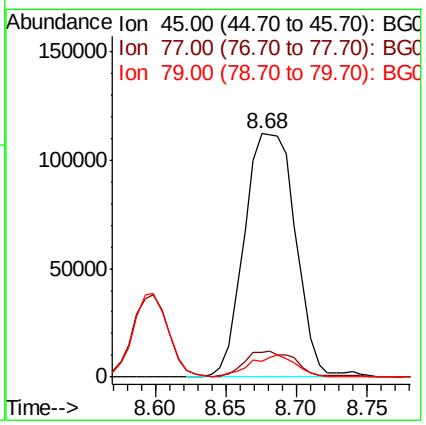


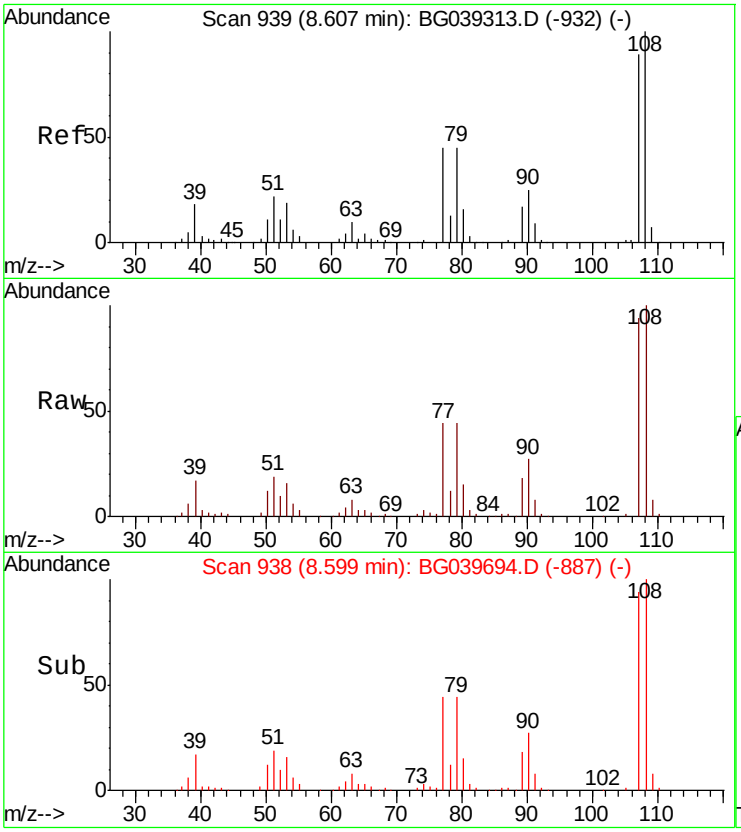




#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.782 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 45 Resp: 283291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 10.0 | 0.0 | 30.0 |
| 79 | 6.6 | 0.0 | 27.5 |



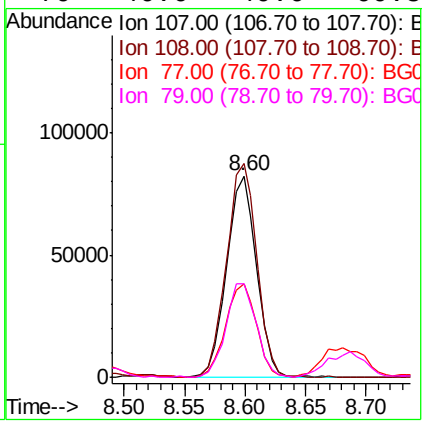


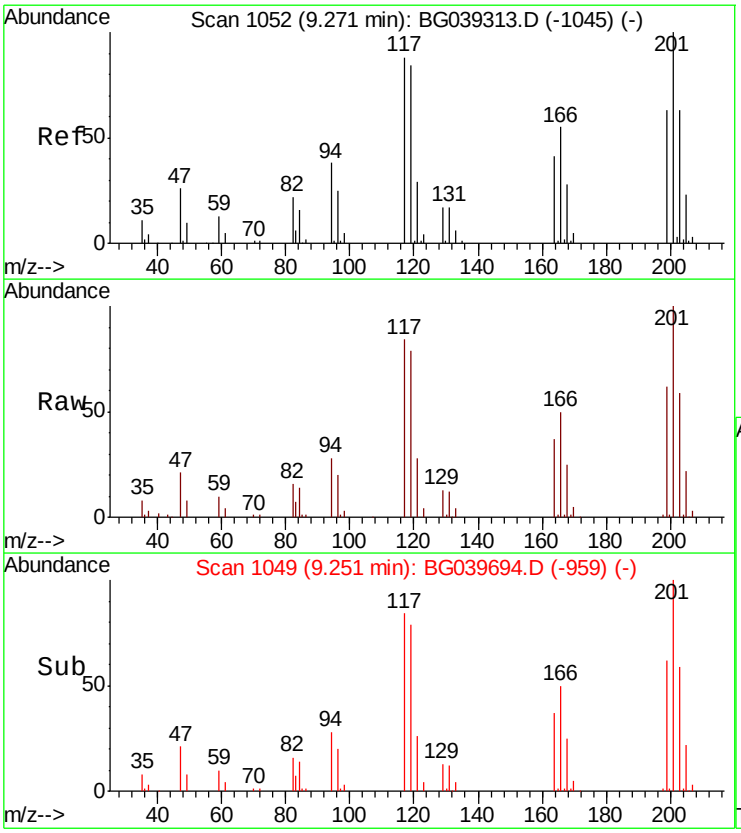

#17
2-Methylphenol
Concen: 46.675 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:107 Resp: 141946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 106.0 | 90.8 | 136.2 |
| 77 | 46.1 | 40.7 | 61.1 |
| 79 | 46.6 | 40.6 | 60.8 |

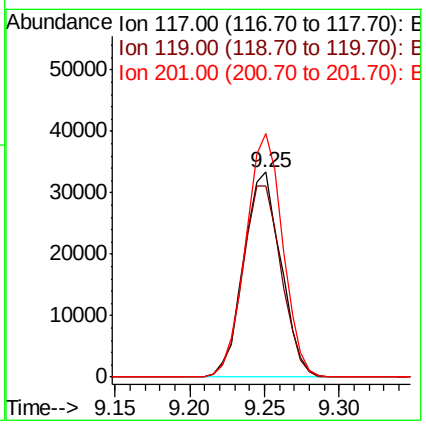


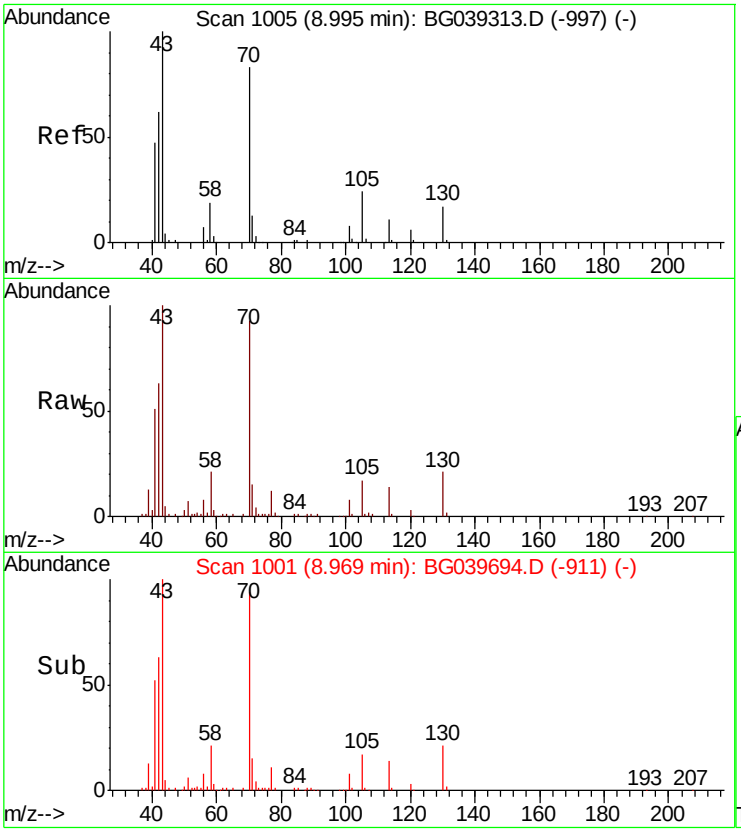




#18
Hexachloroethane
Concen: 41.451 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:117 Resp: 57647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 93.5 | 76.3 | 114.5 |
| 201 | 118.7 | 91.1 | 136.7 |



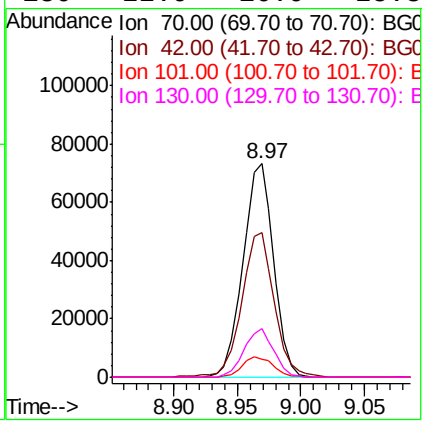


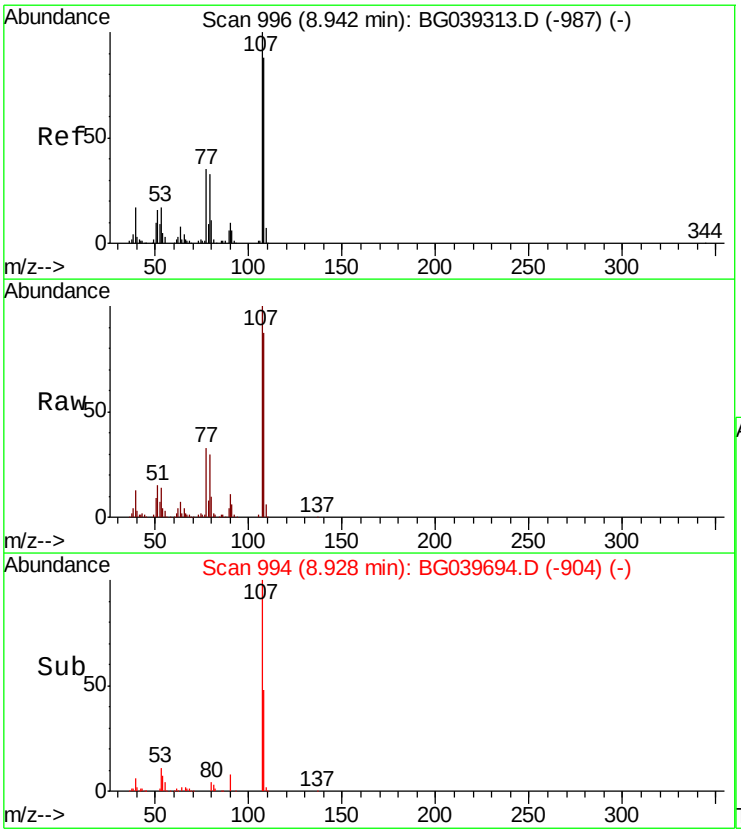

#19
n-Nitroso-di-n-propylamine
Concen: 38.379 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion: 70 Resp: 122805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 67.5 | 60.4 | 90.6 |
| 101 | 8.6 | 7.5 | 11.3 |
| 130 | 22.9 | 16.9 | 25.3 |

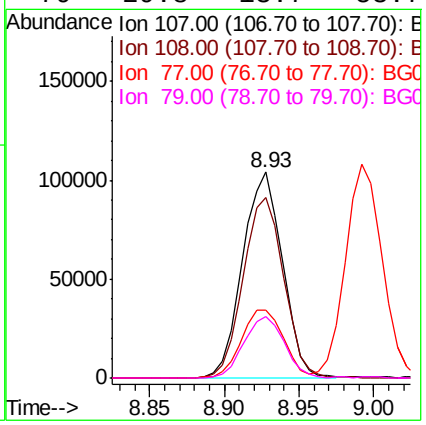


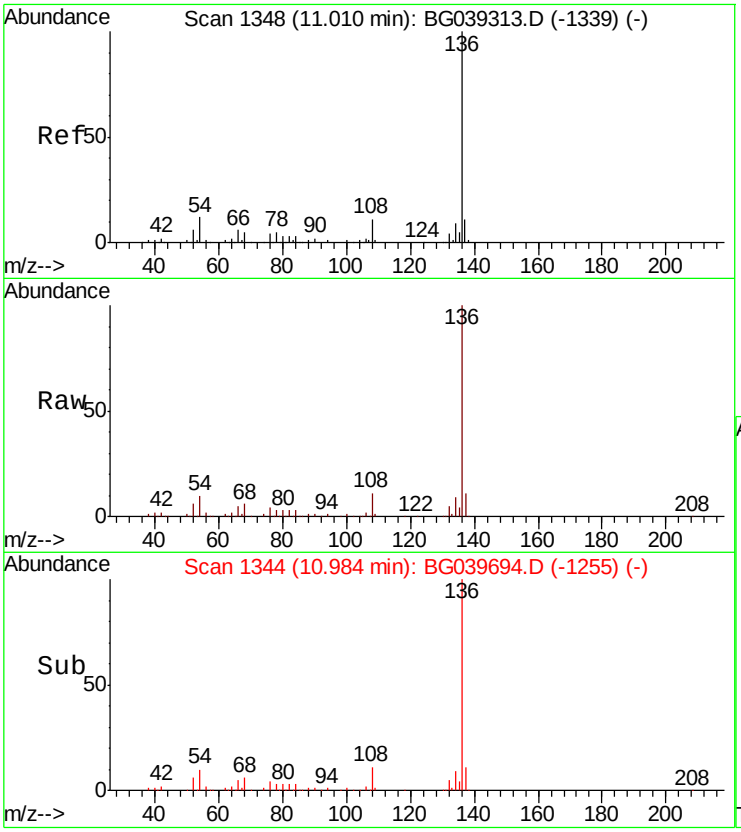




#20
3+4-Methylphenols
Concen: 45.962 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:107 Resp: 192485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 87.5 | 67.9 | 107.9 |
| 77 | 33.3 | 15.4 | 55.4 |
| 79 | 29.8 | 13.7 | 53.7 |



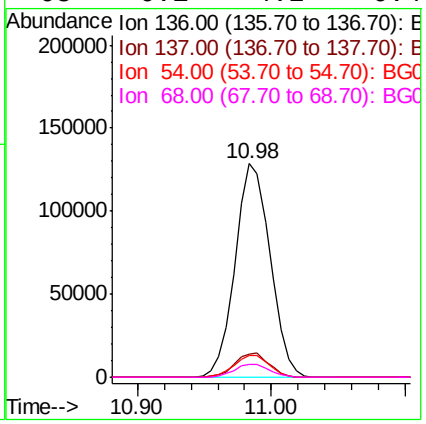


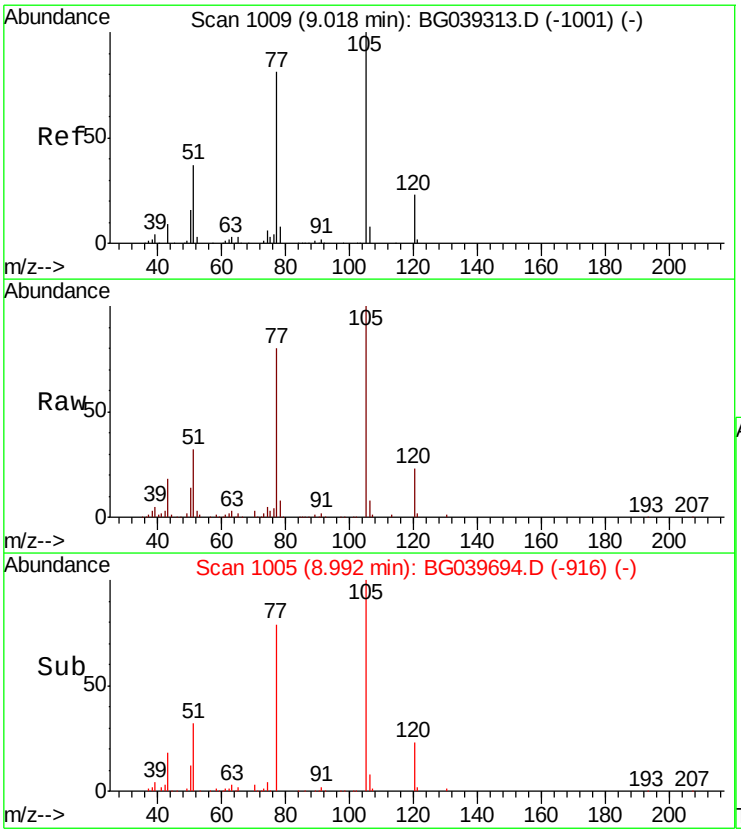

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:136 Resp: 233177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 9.1 | 13.7 |
| 54 | 10.2 | 9.4 | 14.2 |
| 68 | 6.1 | 4.2 | 6.4 |

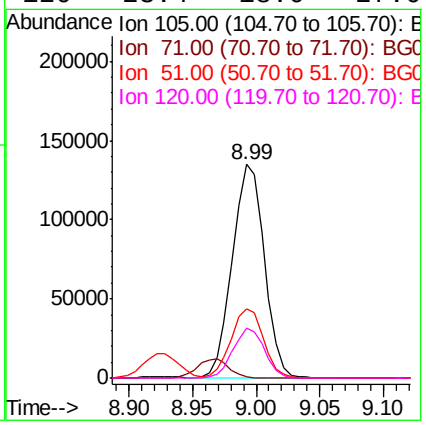


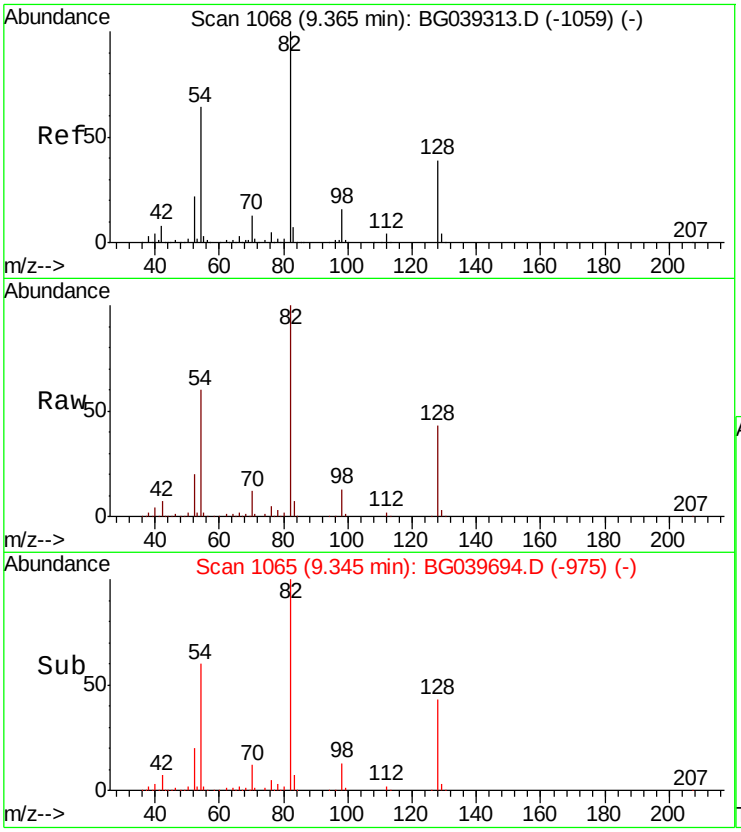




#22
Acetophenone
Concen: 37.664 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:105 Resp: 235907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.5 | 0.8 | 1.2# |
| 51 | 32.2 | 30.2 | 45.2 |
| 120 | 23.4 | 18.0 | 27.0 |



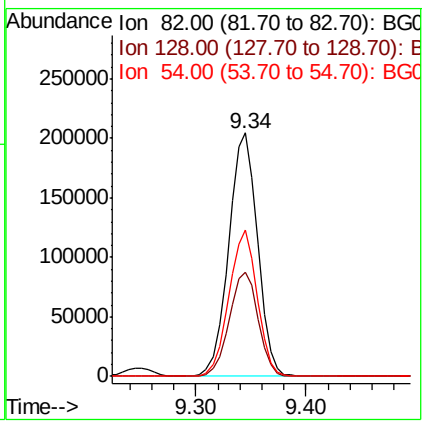


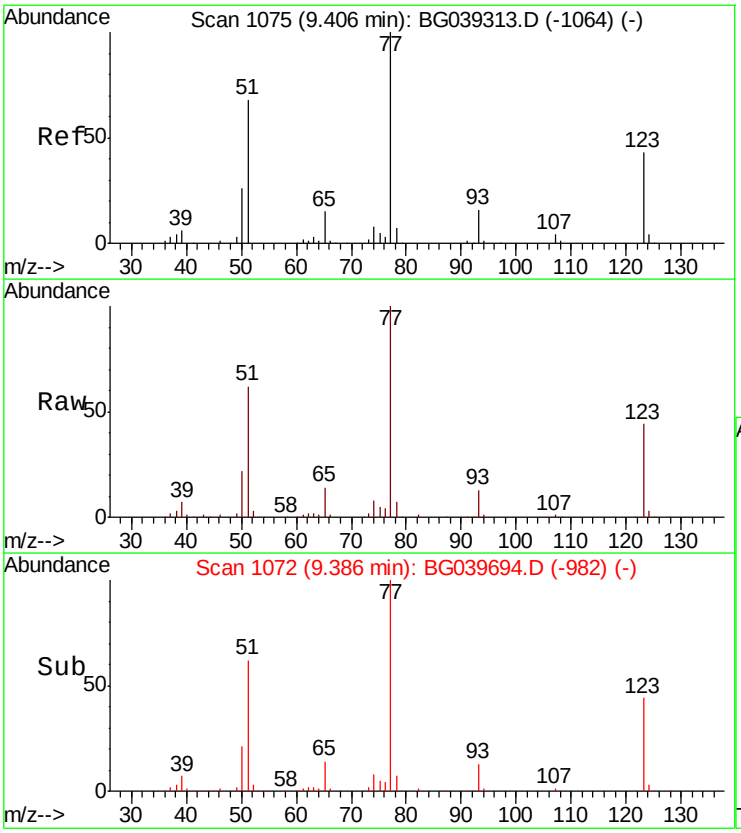

#23
Nitrobenzene-d5
Concen: 100.083 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion: 82 Resp: 373564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.8 | 31.3 | 46.9 |
| 54 | 60.0 | 50.9 | 76.3 |

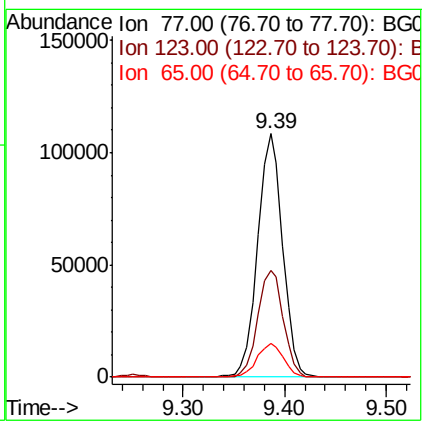


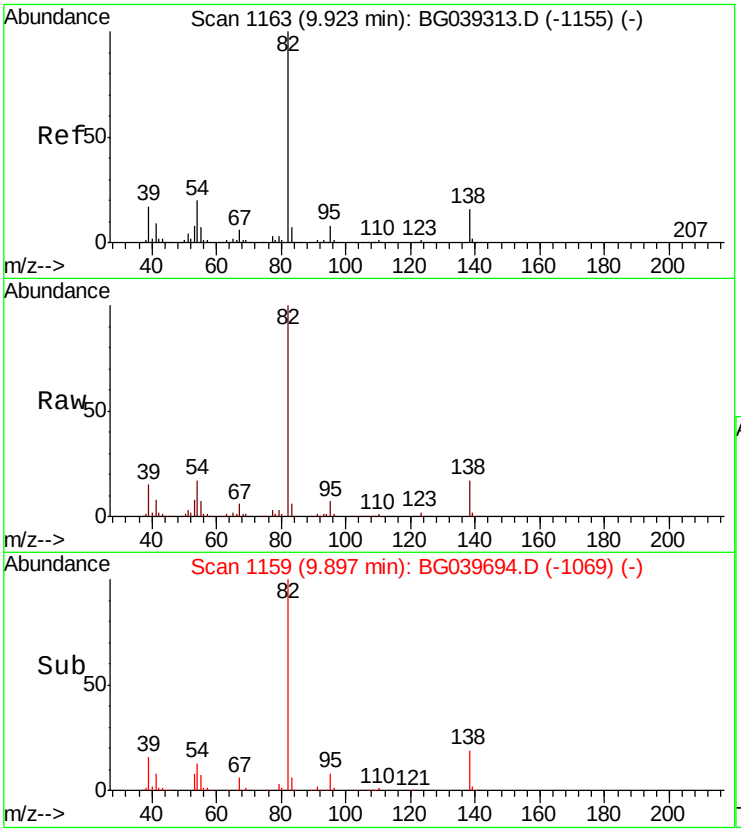




#24
Nitrobenzene
Concen: 45.936 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 77 Resp: 185231

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.8 | 34.1 | 51.1 |
| 65 | 14.1 | 12.3 | 18.5 |



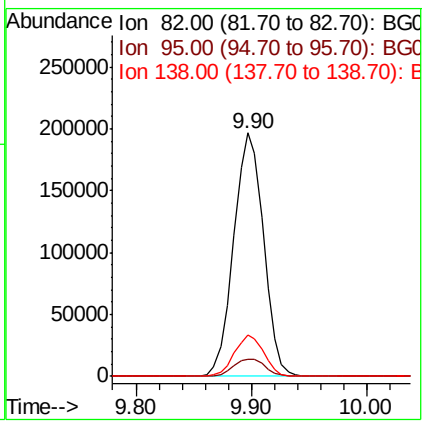


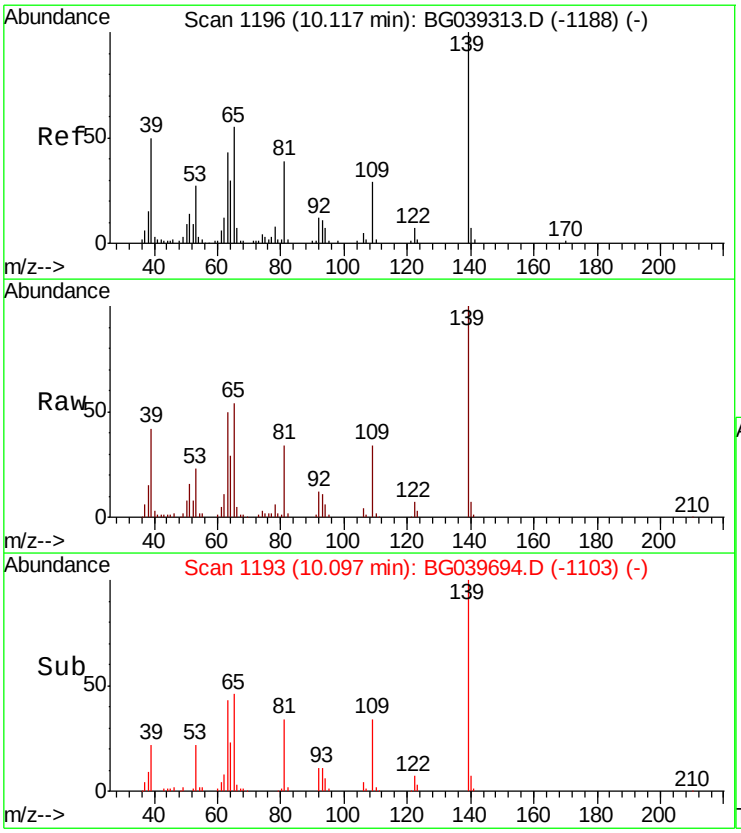

#25
Isophorone
Concen: 42.472 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion: 82 Resp: 351295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.2 | 6.2 | 9.2 |
| 138 | 16.8 | 13.0 | 19.4 |

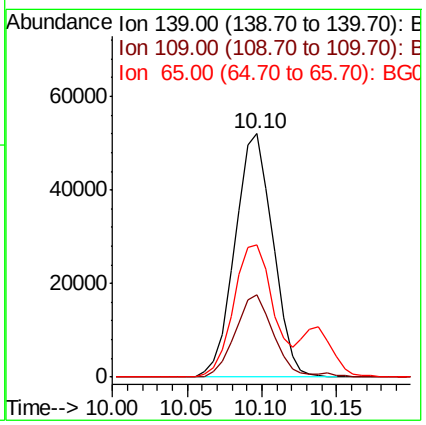


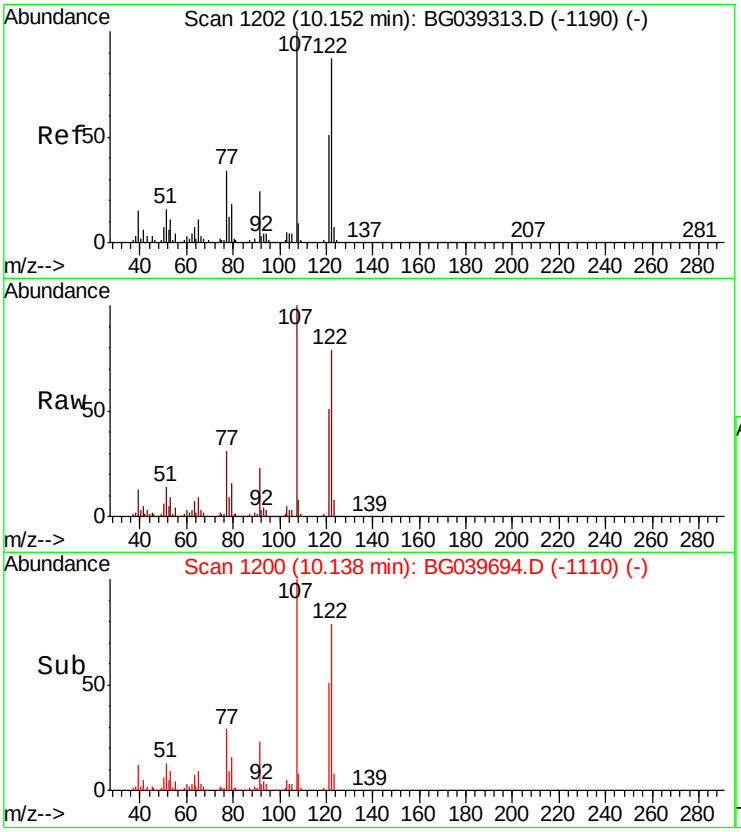




#26
2-Nitrophenol
Concen: 55.341 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:139 Resp: 91776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 33.6 | 23.4 | 35.0 |
| 65 | 54.1 | 44.3 | 66.5 |



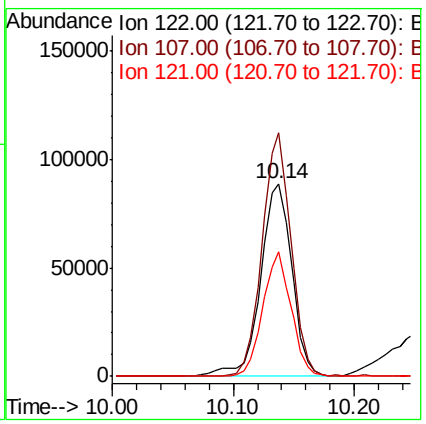


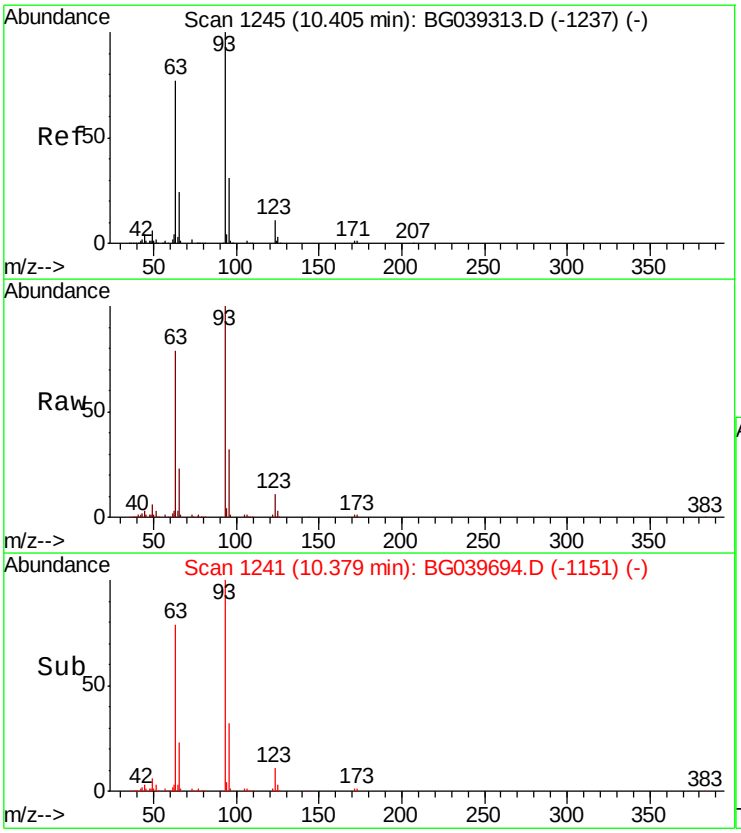

#27
2,4-Dimethylphenol
Concen: 47.392 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:122 Resp: 158570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 126.4 | 91.7 | 137.5 |
| 121 | 64.4 | 46.4 | 69.6 |

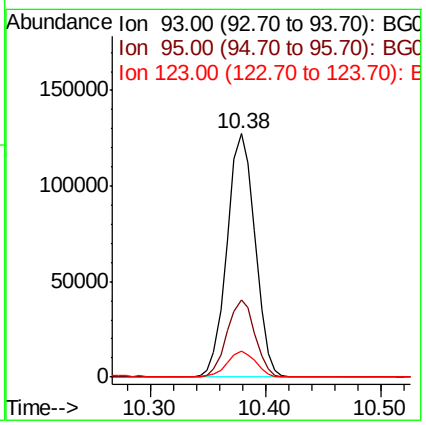


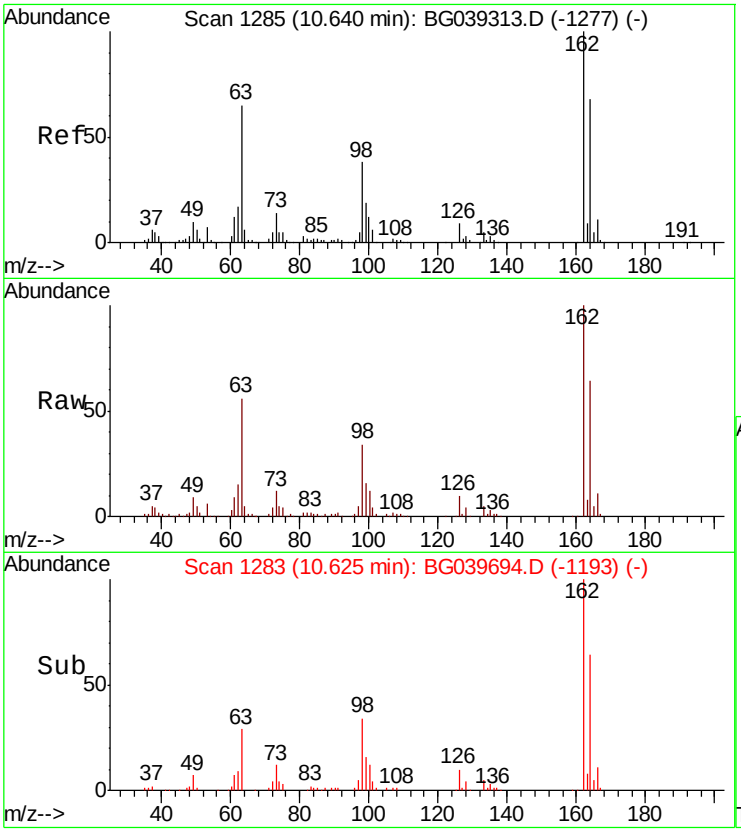




#28
bis(2-Chloroethoxy)methane
Concen: 42.118 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 93 Resp: 214576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 31.5 | 25.0 | 37.4 |
| 123 | 10.7 | 8.6 | 12.8 |



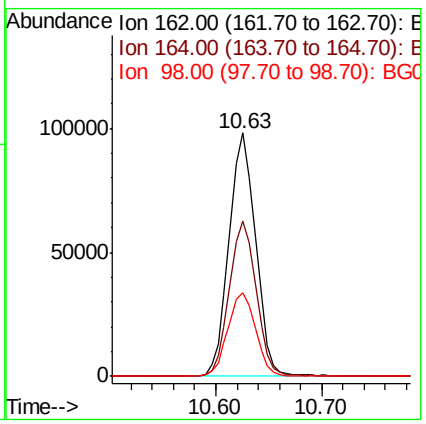


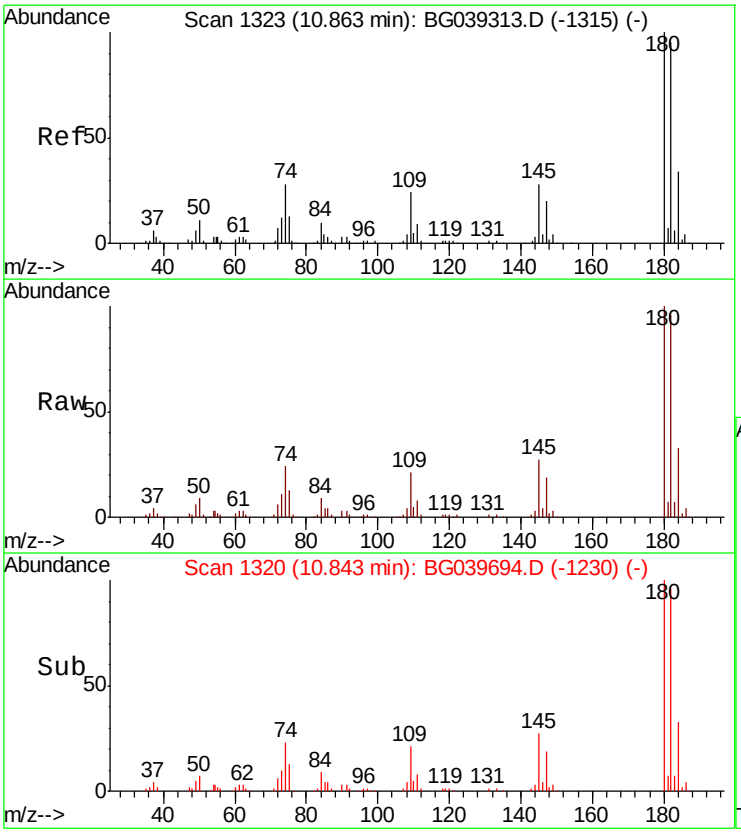

#29
2,4-Dichlorophenol
Concen: 46.912 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:162 Resp: 171549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.7 | 48.1 | 88.1 |
| 98 | 34.4 | 18.1 | 58.1 |

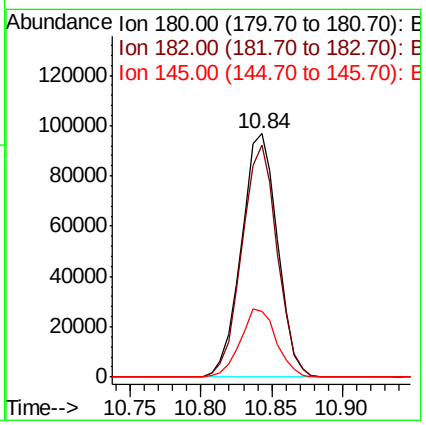


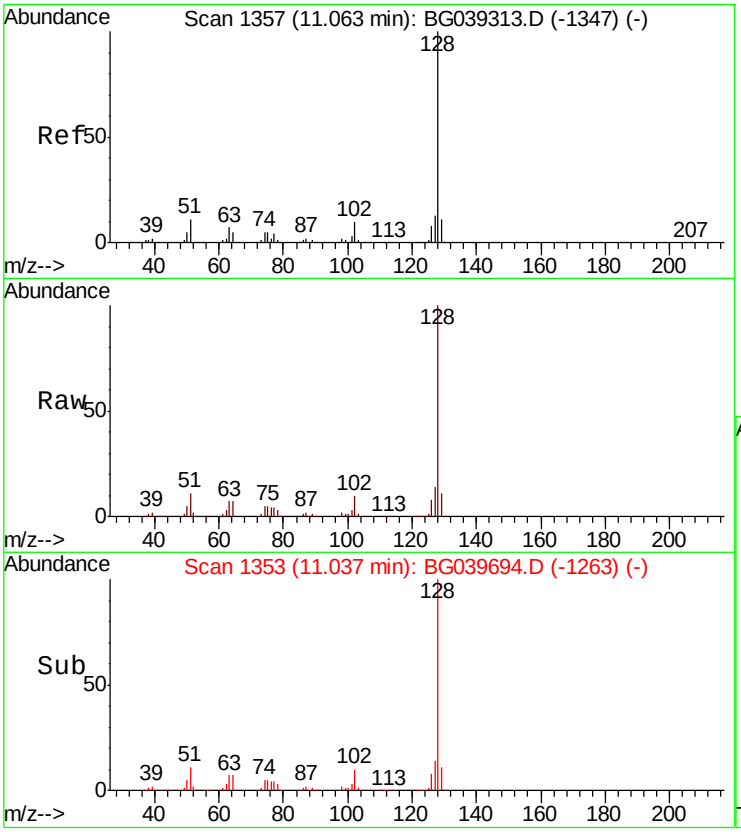




#30
1,2,4-Trichlorobenzene
Concen: 42.339 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:180 Resp: 173824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.6 | 76.0 | 114.0 |
| 145 | 27.0 | 22.7 | 34.1 |



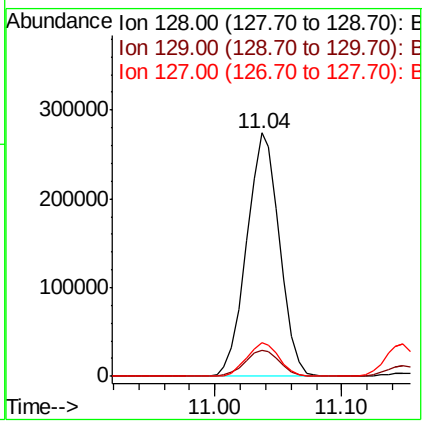


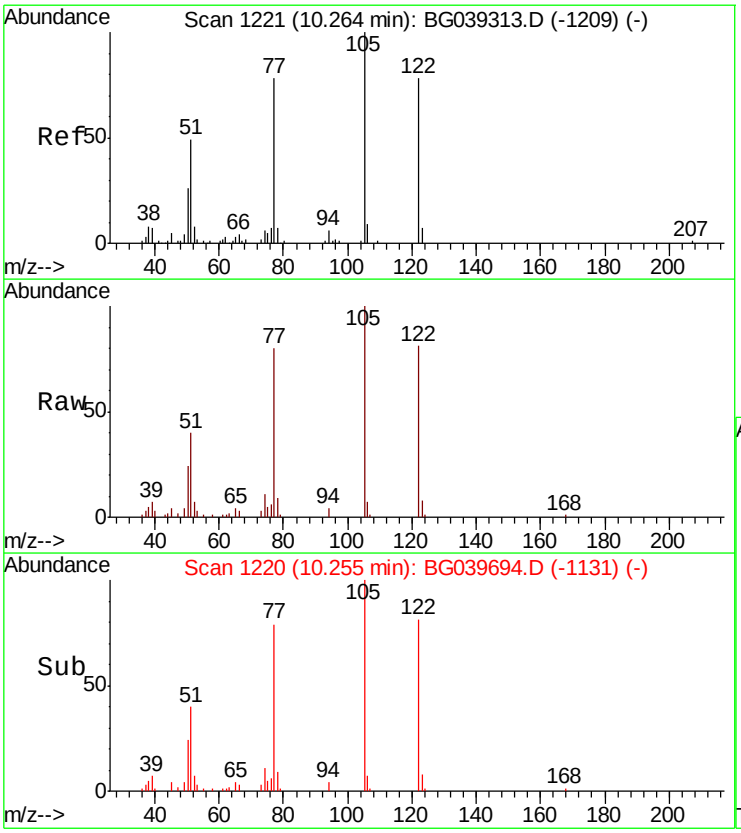

#31
Naphthalene
Concen: 42.548 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:128 Resp: 492187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.7 | 8.7 | 13.1 |
| 127 | 14.0 | 10.8 | 16.2 |

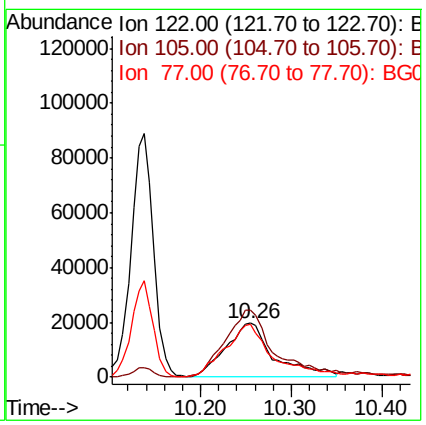


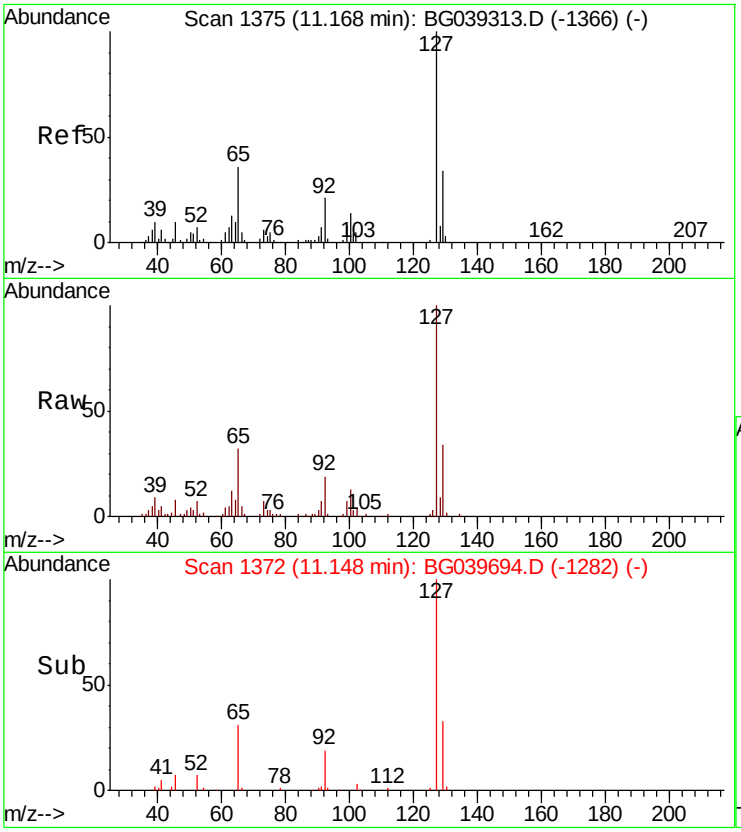




#32
Benzoic acid
Concen: 34.983 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:122 Resp: 70048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 123.6 | 101.8 | 141.8 |
| 77 | 98.4 | 76.3 | 116.3 |



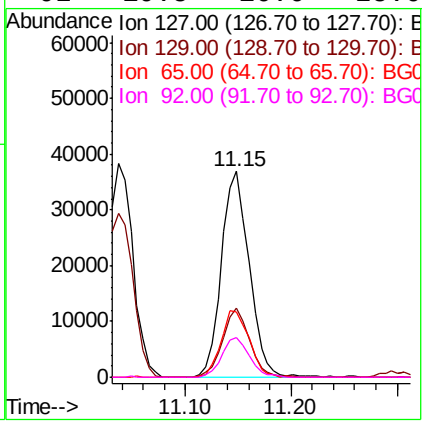


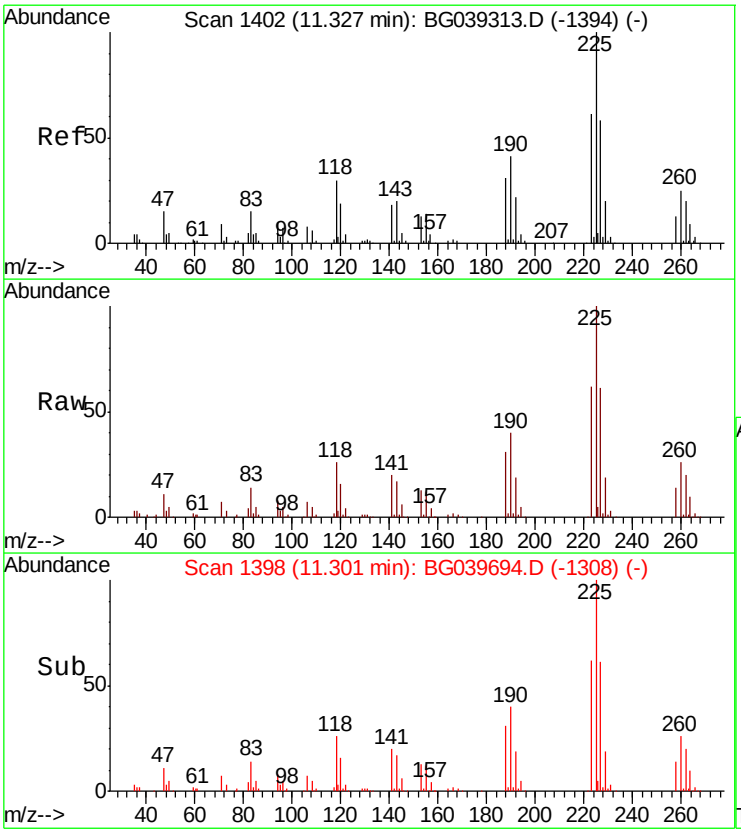

#33
4-Chloroaniline
Concen: 12.590 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:127 Resp: 67527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.8 | 27.0 | 40.4 |
| 65 | 32.0 | 28.8 | 43.2 |
| 92 | 19.5 | 16.6 | 25.0 |

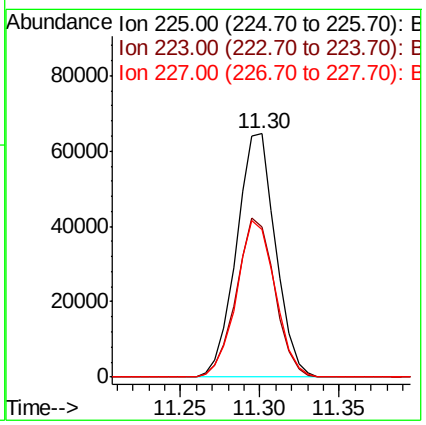


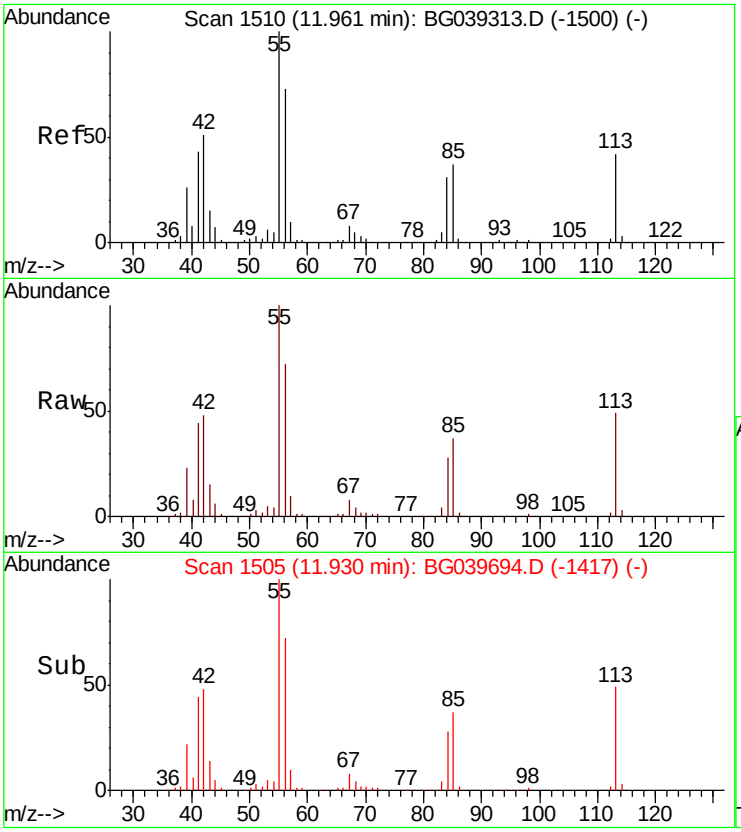




#34
Hexachlorobutadiene
Concen: 40.349 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:225 Resp: 110167

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.8 | 49.0 | 73.6 |
| 227 | 60.8 | 46.3 | 69.5 |



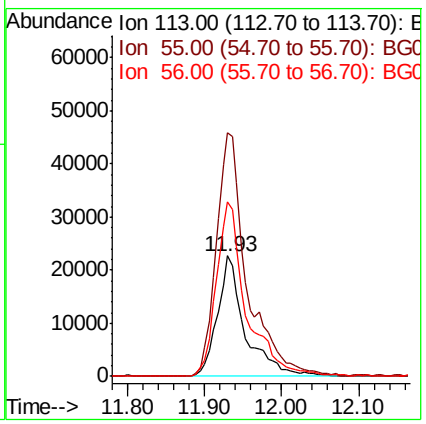


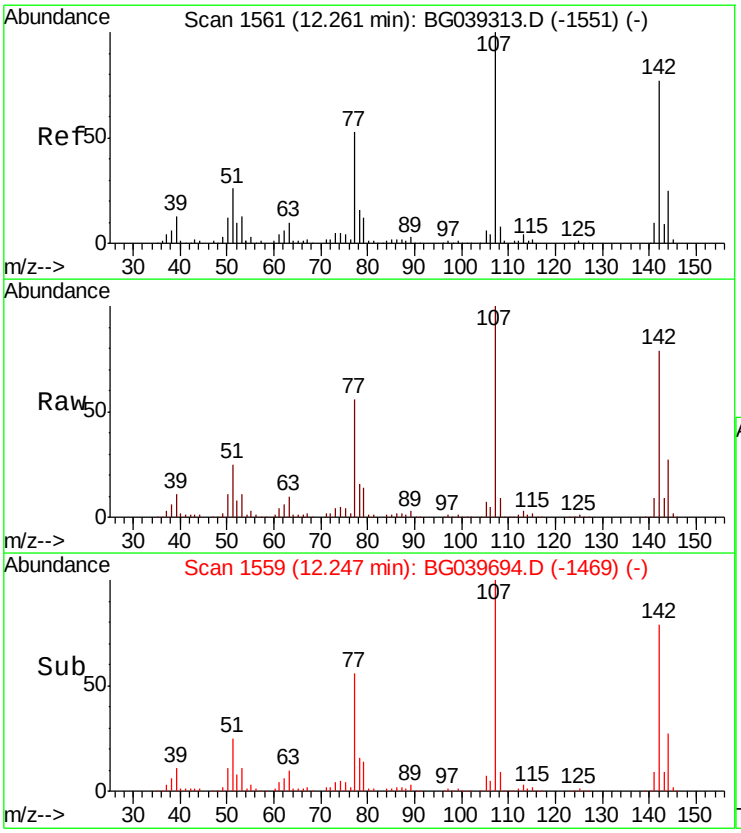

#35
Caprolactam
Concen: 37.323 ng
RT: 11.93 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:113 Resp: 56479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 202.7 | 216.9 | 256.9# |
| 56 | 145.2 | 152.6 | 192.6# |

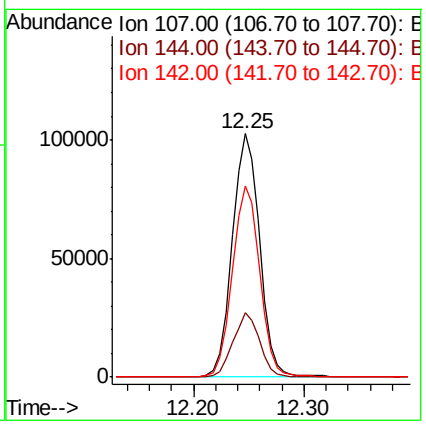


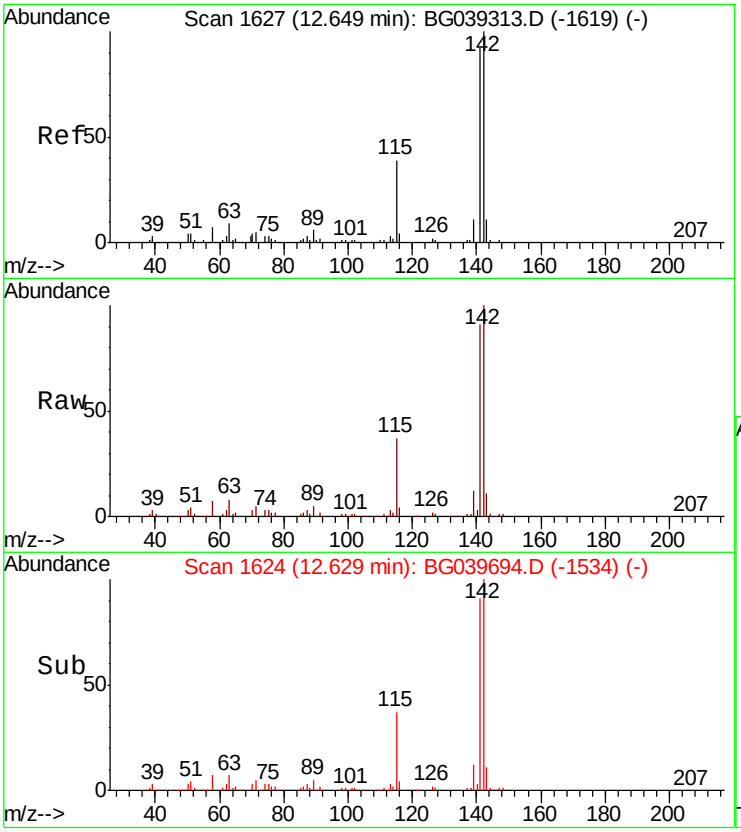




#36
4-Chloro-3-methylphenol
Concen: 42.277 ng
RT: 12.25 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:107 Resp: 178797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.6 | 20.2 | 30.2 |
| 142 | 78.7 | 61.4 | 92.2 |



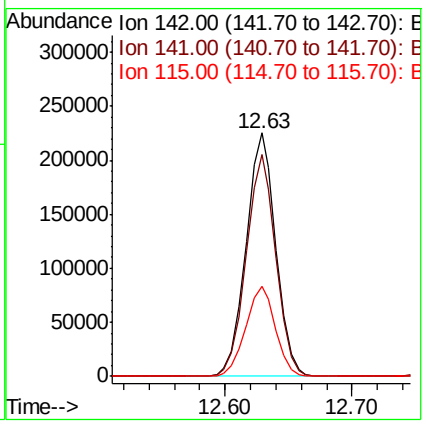


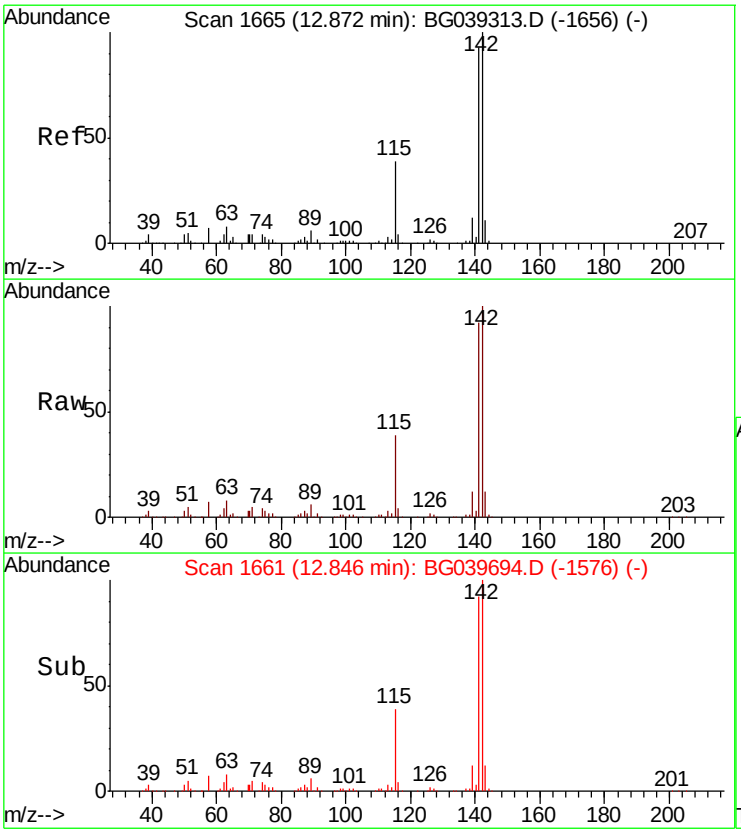

#37
2-Methylnaphthalene
Concen: 42.712 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:142 Resp: 365944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.0 | 73.5 | 110.3 |
| 115 | 37.1 | 30.8 | 46.2 |

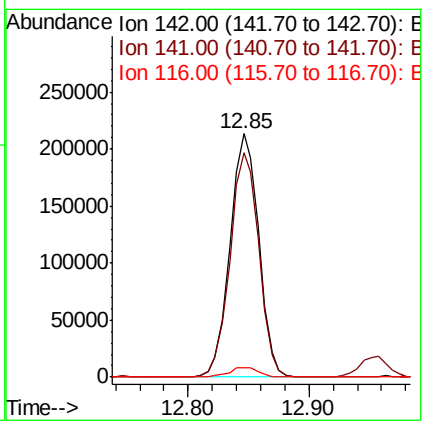


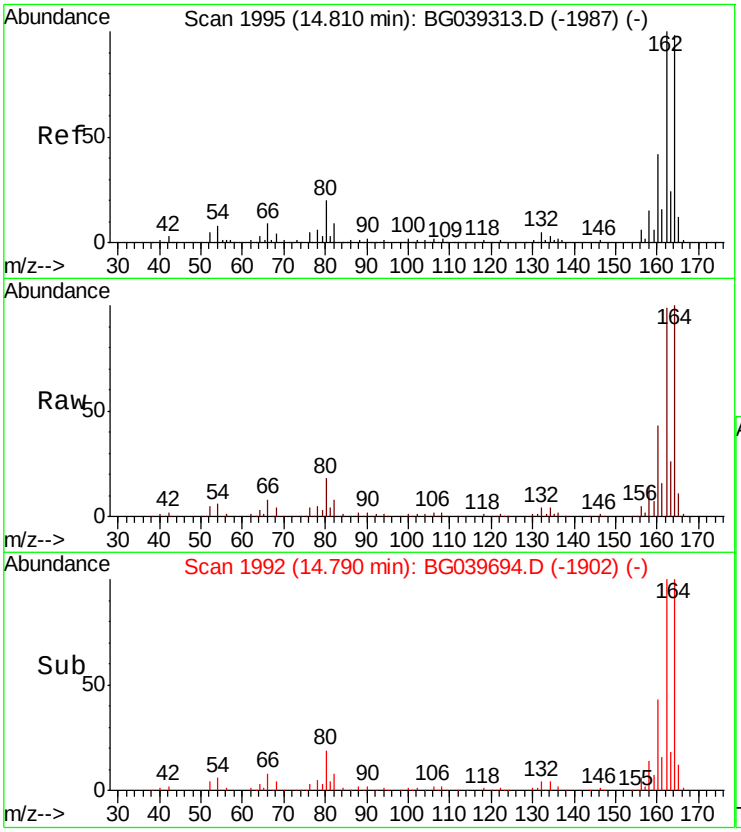




#38
1-Methylnaphthalene
Concen: 42.632 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:142 Resp: 352093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.2 | 74.2 | 111.4 |
| 116 | 3.9 | 3.0 | 4.6 |



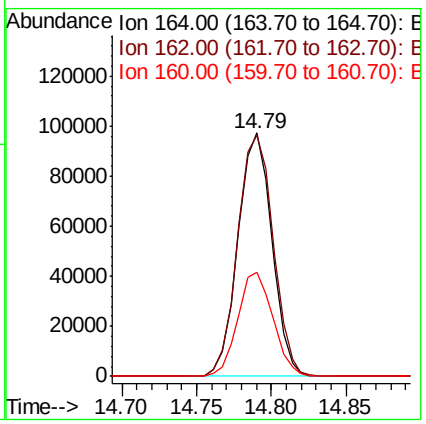


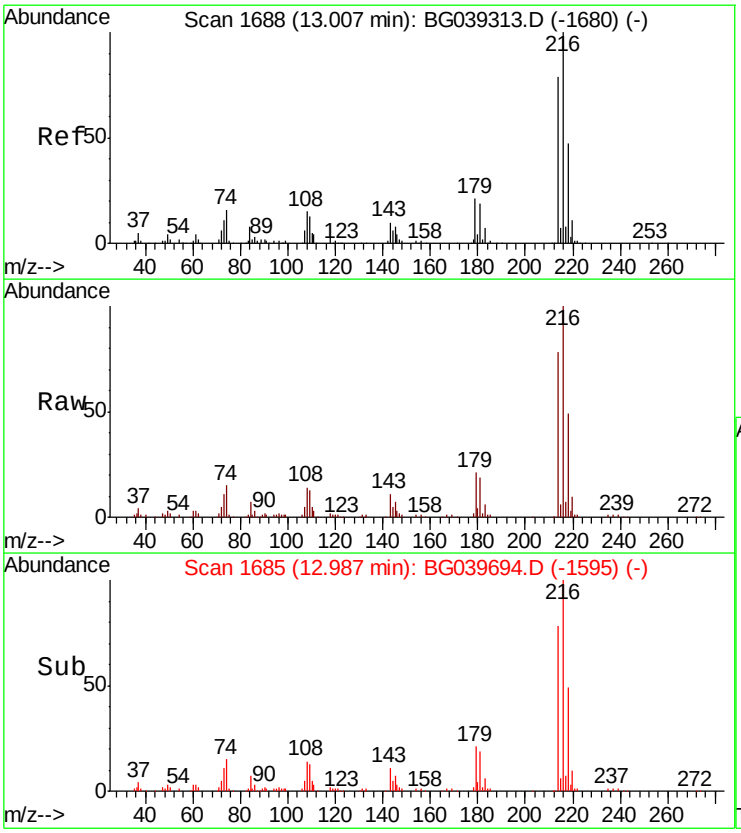

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:164 Resp: 153084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.8 | 81.6 | 122.4 |
| 160 | 42.9 | 34.2 | 51.2 |

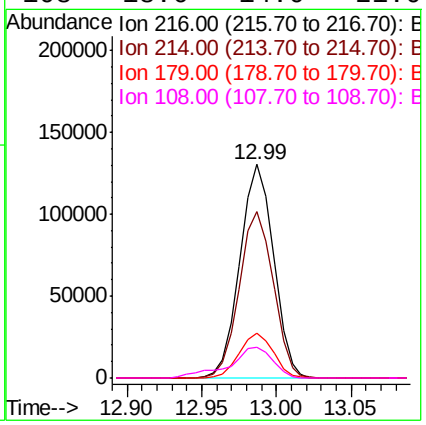


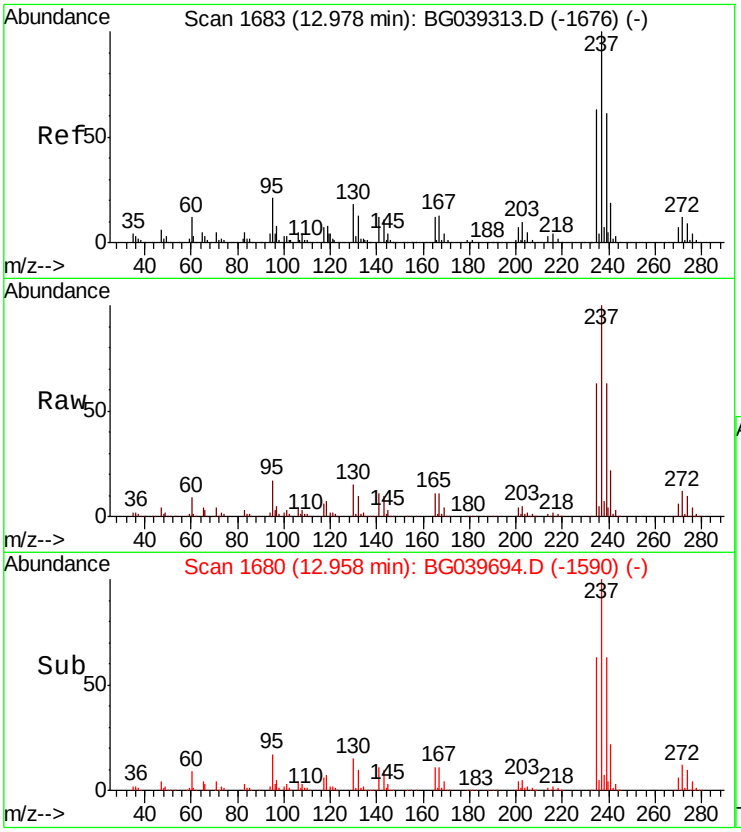




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.879 ng
RT: 12.99 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:216 Resp: 203980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.5 | 62.6 | 94.0 |
| 179 | 21.1 | 16.6 | 25.0 |
| 108 | 18.6 | 14.0 | 21.0 |



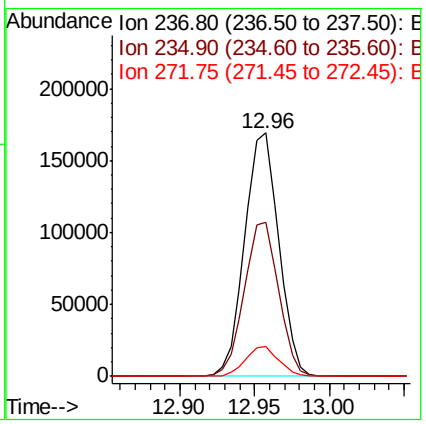


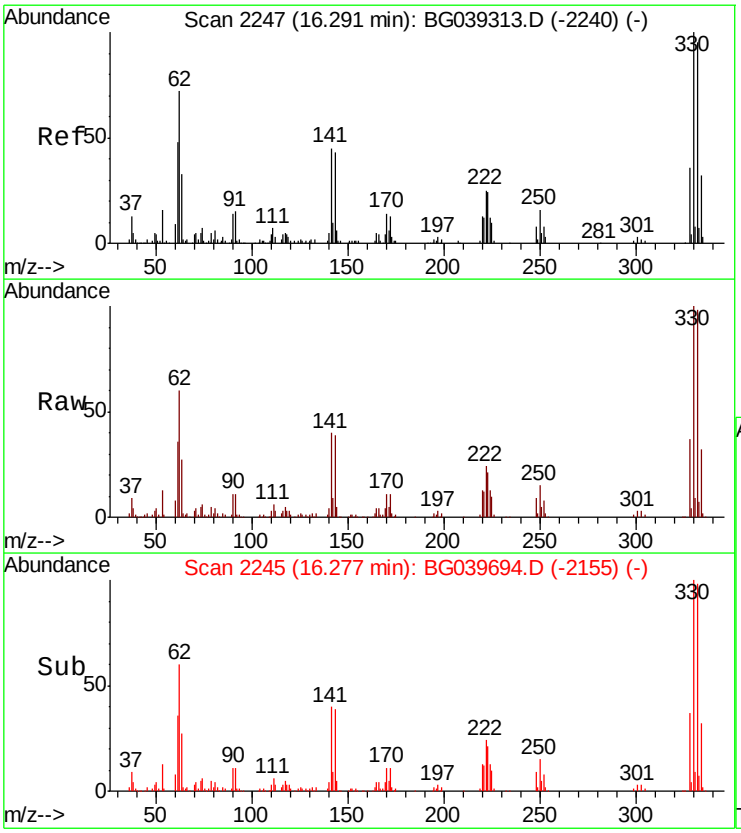

#41
Hexachlorocyclopentadiene
Concen: 100.452 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:237 Resp: 266610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.3 | 43.3 | 83.3 |
| 272 | 12.3 | 0.0 | 32.3 |

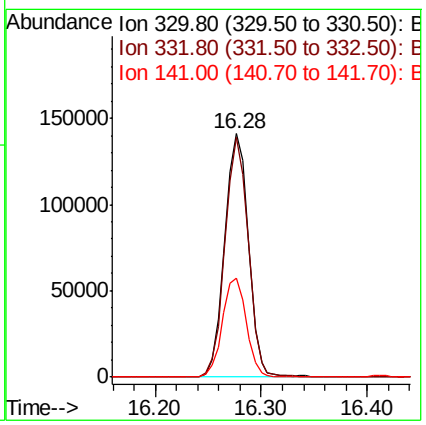


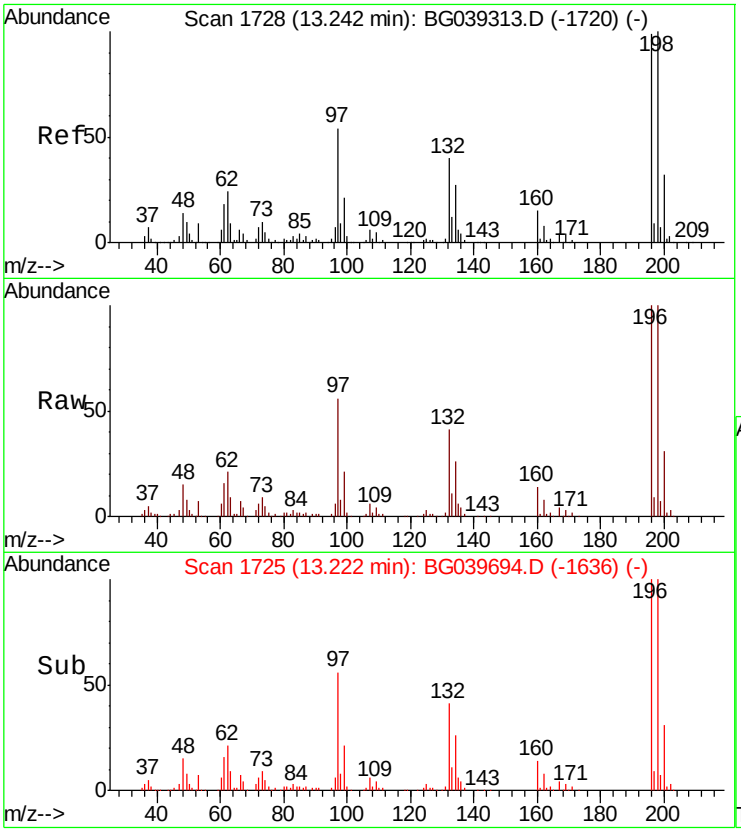




#42
2,4,6-Tribromophenol
Concen: 133.011 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:330 Resp: 219263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 75.7 | 113.5 |
| 141 | 40.9 | 35.6 | 53.4 |



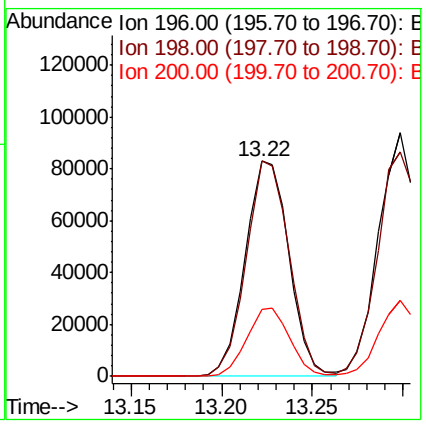


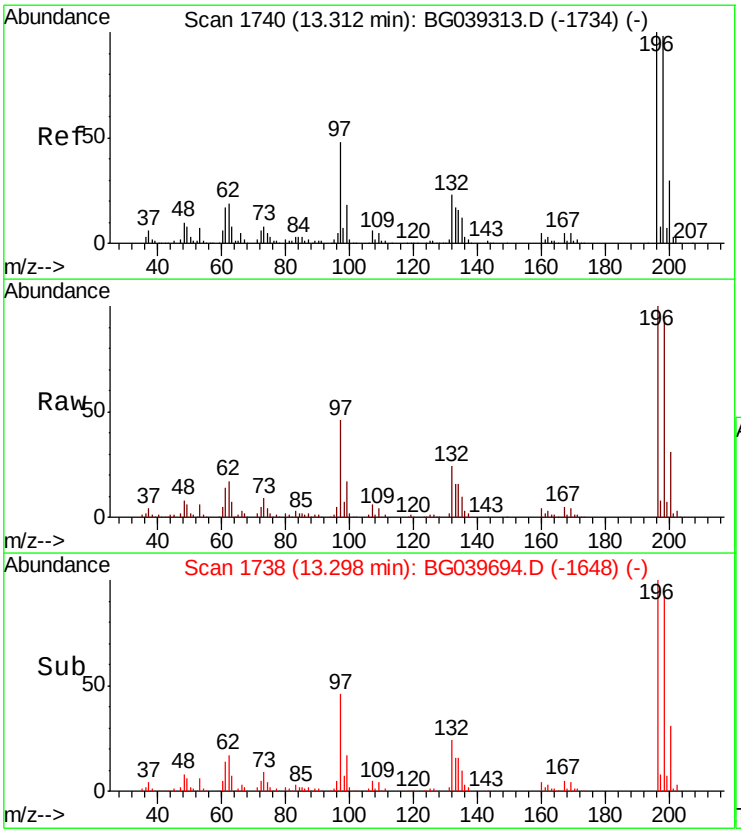

#43
2,4,6-Trichlorophenol
Concen: 46.499 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:196 Resp: 139253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 100.1 | 80.6 | 121.0 |
| 200 | 30.9 | 26.1 | 39.1 |

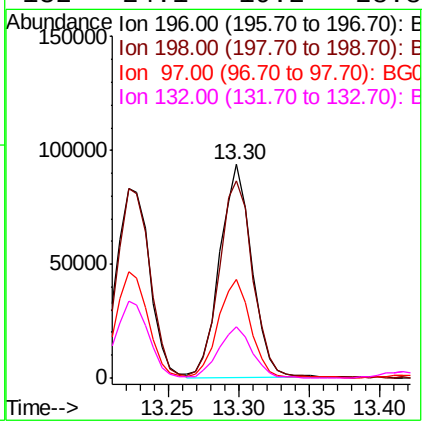


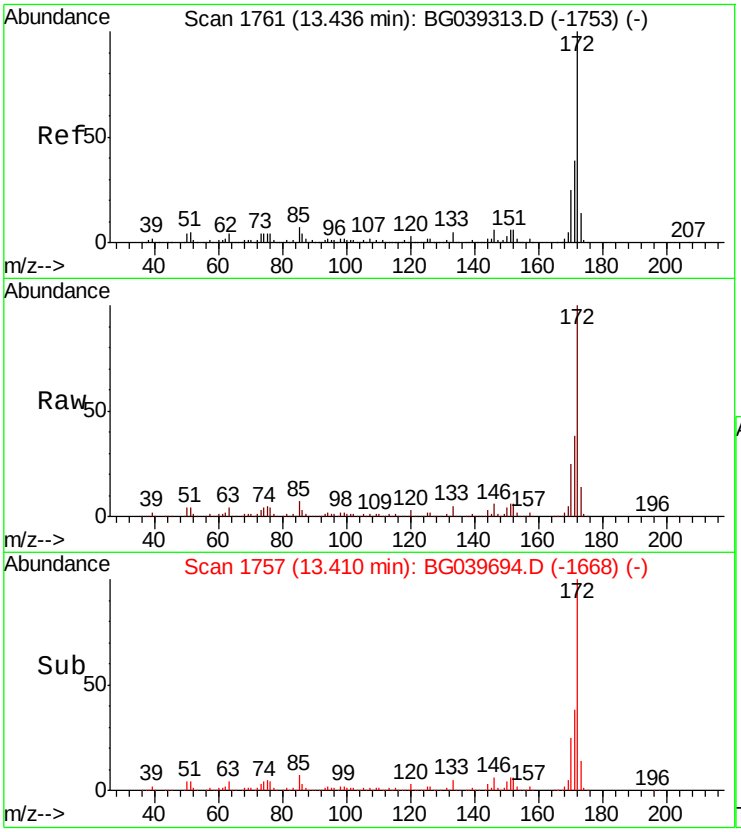




#44
2,4,5-Trichlorophenol
Concen: 47.127 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:196 Resp: 147920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 92.2 | 78.5 | 117.7 |
| 97 | 46.1 | 38.4 | 57.6 |
| 132 | 24.1 | 19.2 | 28.8 |



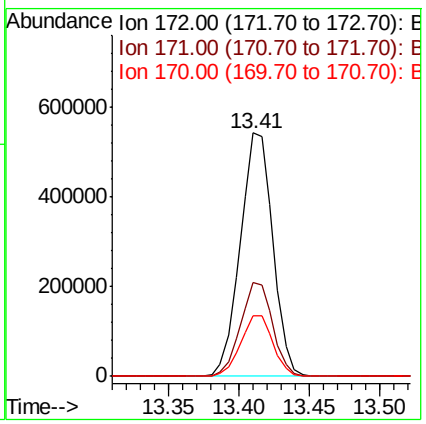


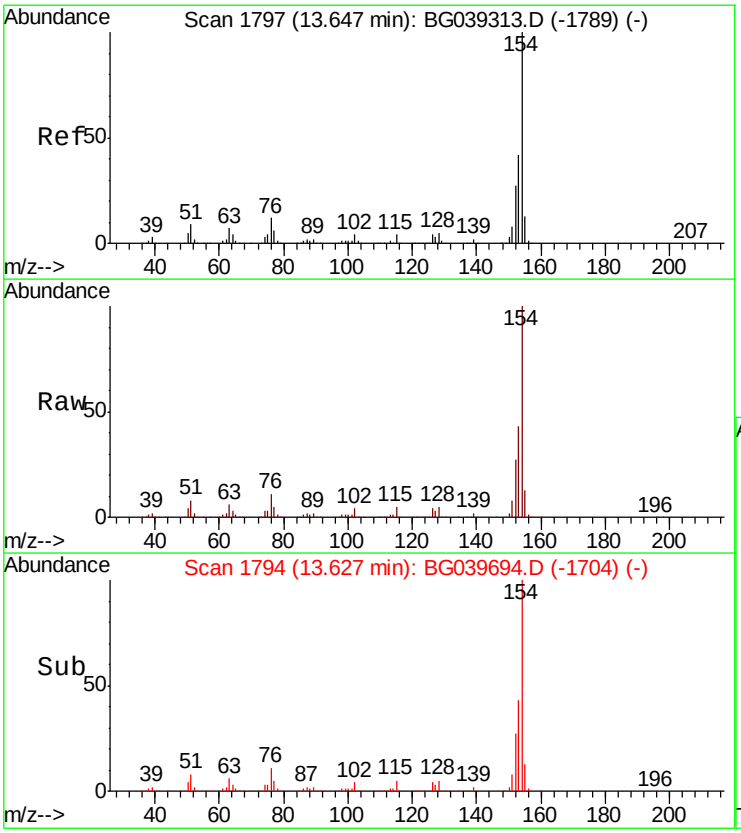

#45
2-Fluorobiphenyl
Concen: 82.101 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:172 Resp: 876118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.5 | 30.8 | 46.2 |
| 170 | 25.1 | 20.2 | 30.4 |

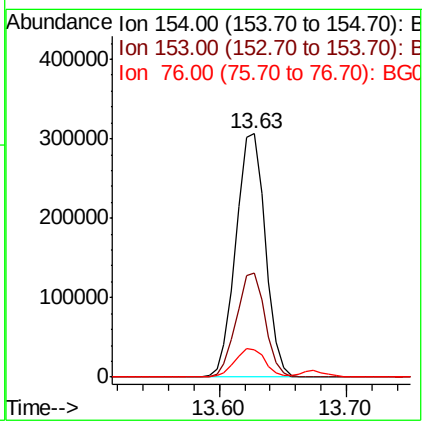


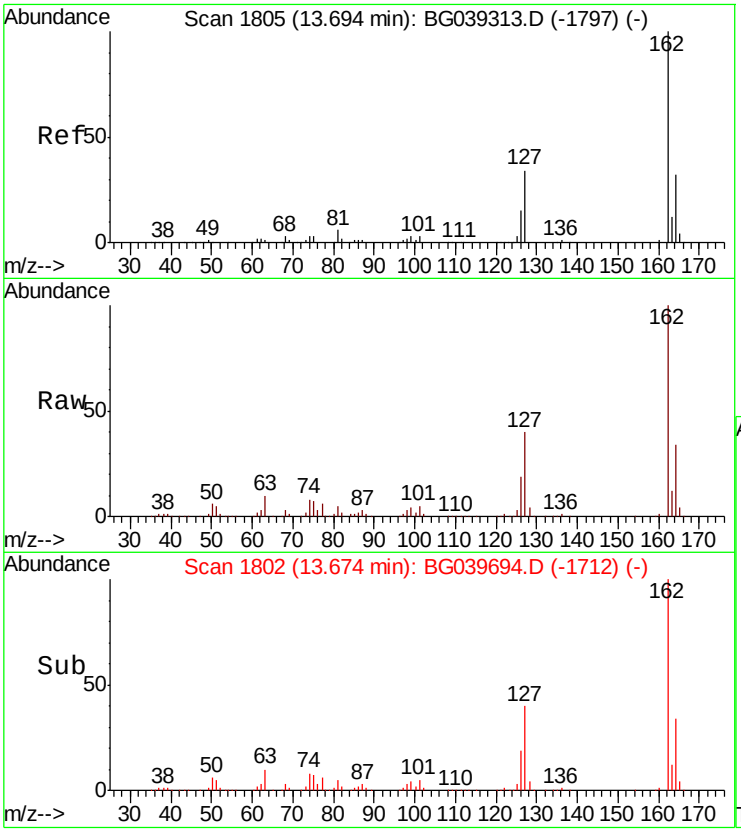




#46
1,1'-Biphenyl
Concen: 38.670 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:154 Resp: 492544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.8 | 22.1 | 62.1 |
| 76 | 11.3 | 0.0 | 32.4 |



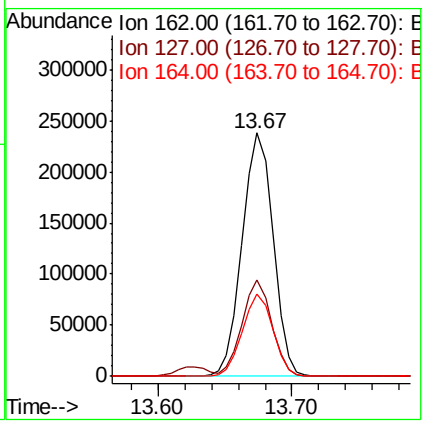


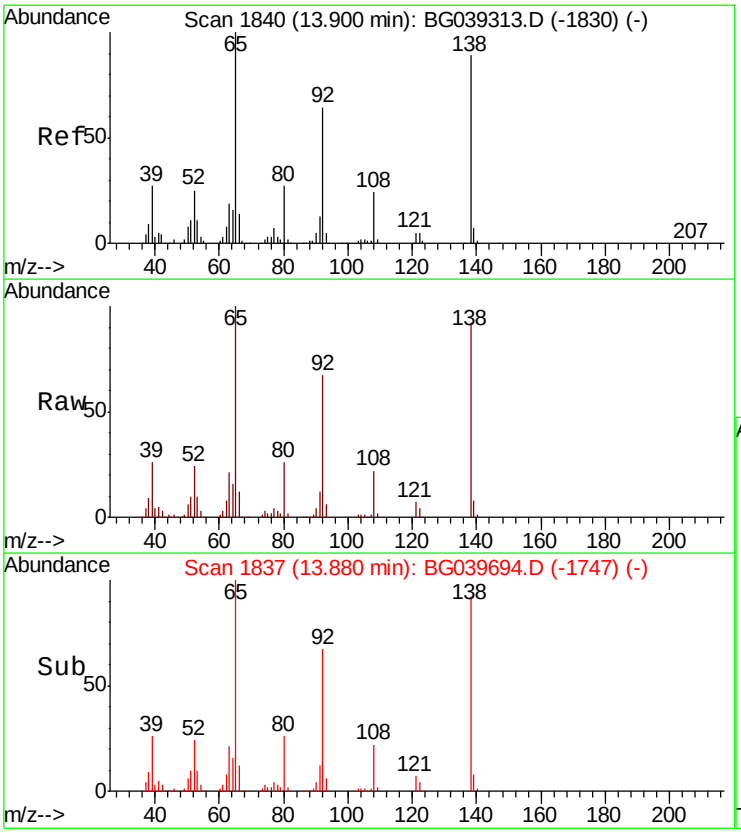

#47
2-Chloronaphthalene
Concen: 39.842 ng
RT: 13.67 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:162 Resp: 381758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.8 | 31.0 | 46.6 |
| 164 | 34.0 | 25.7 | 38.5 |

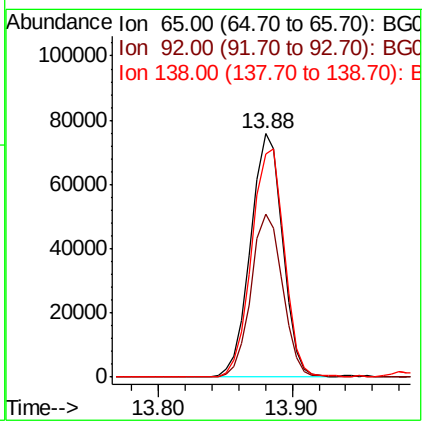


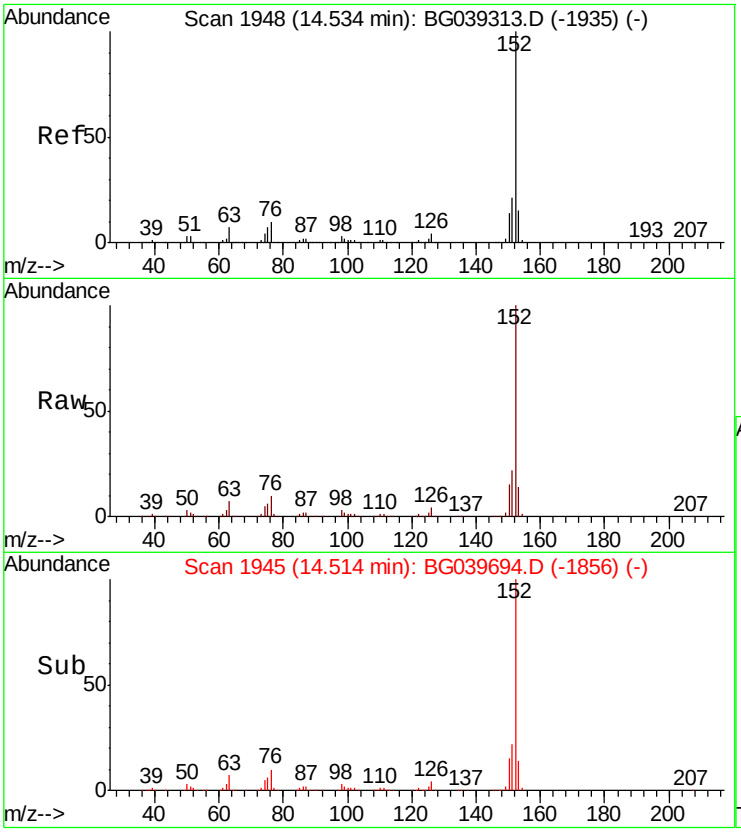




#48
2-Nitroaniline
Concen: 46.118 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion: 65 Resp: 125856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 66.8 | 51.4 | 77.2 |
| 138 | 91.8 | 71.4 | 107.2 |



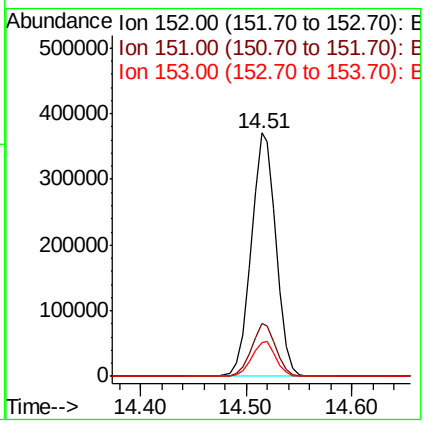


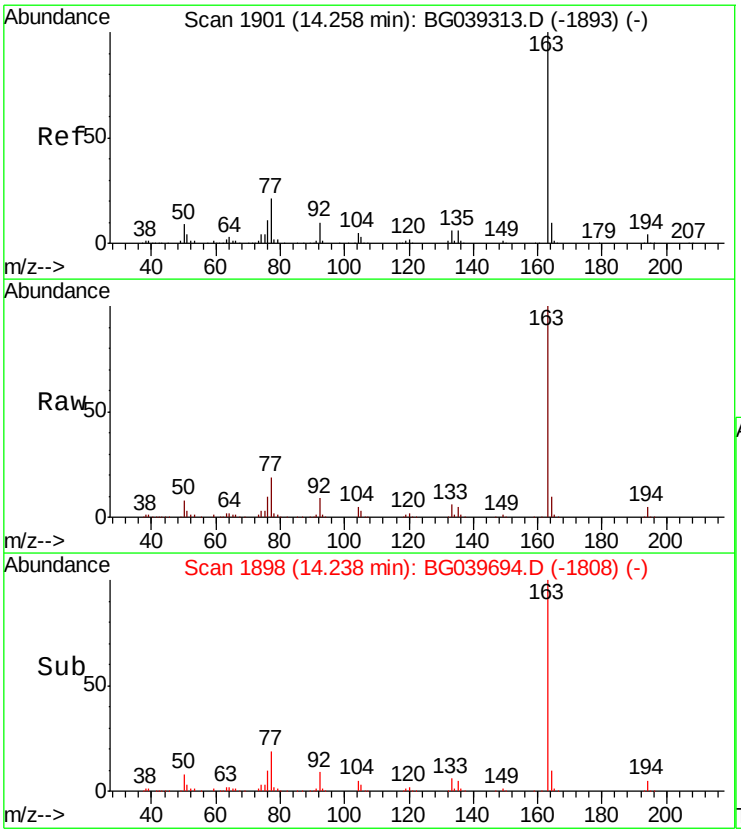

#49
Acenaphthylene
Concen: 41.833 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:152 Resp: 604830

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.9 | 16.8 | 25.2 |
| 153 | 13.9 | 11.7 | 17.5 |

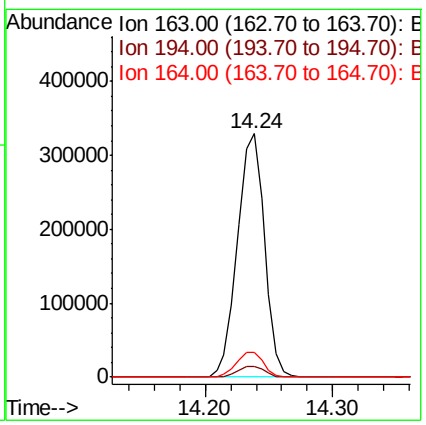


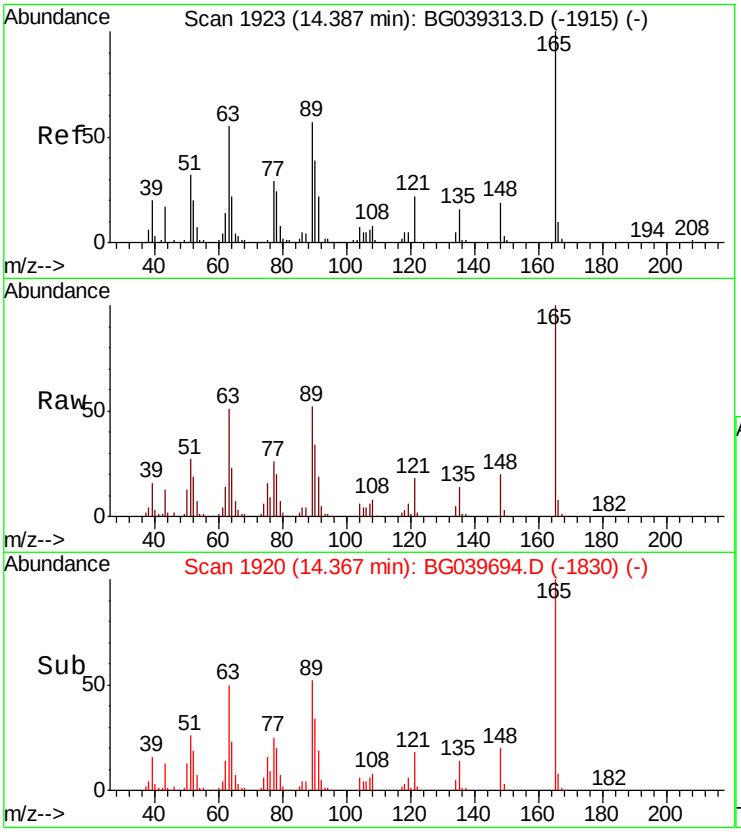




#50
Dimethylphthalate
Concen: 39.237 ng
RT: 14.24 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:163 Resp: 485117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.6 | 3.6 | 5.4 |
| 164 | 10.4 | 8.4 | 12.6 |



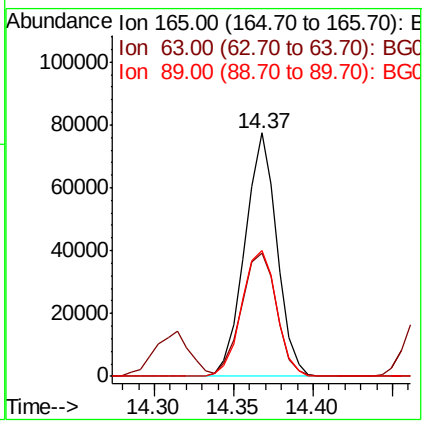


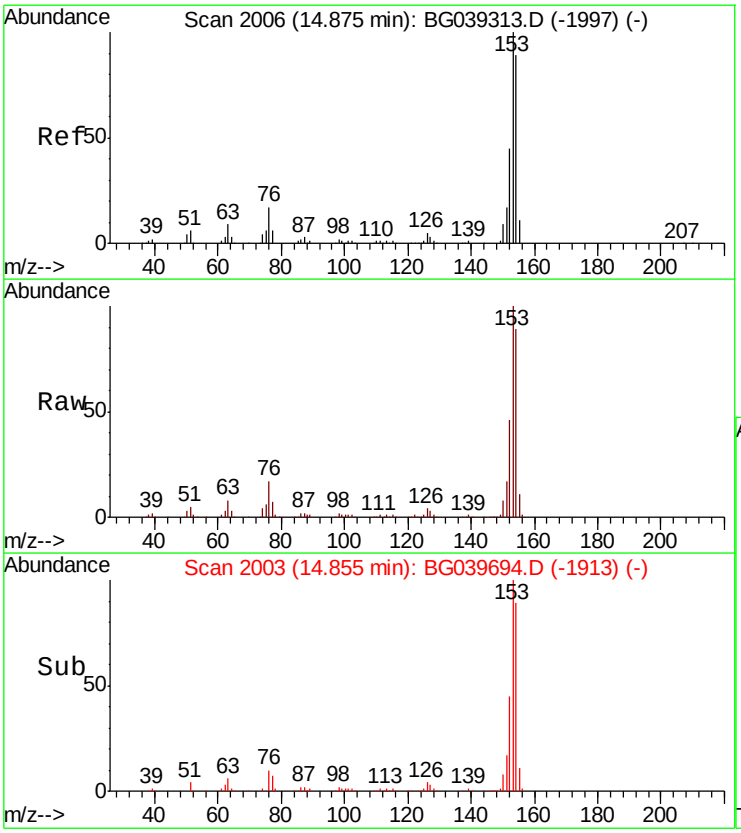

#51
2,6-Dinitrotoluene
Concen: 47.264 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:165 Resp: 108944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.6 | 47.0 | 70.6 |
| 89 | 51.6 | 45.8 | 68.8 |

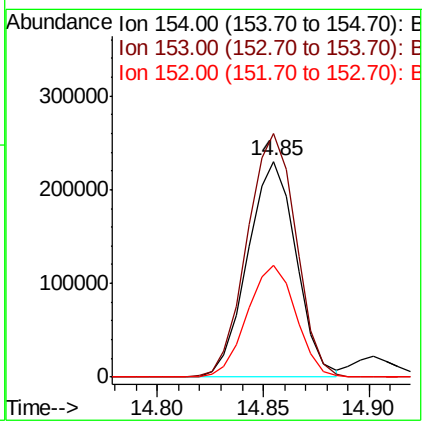


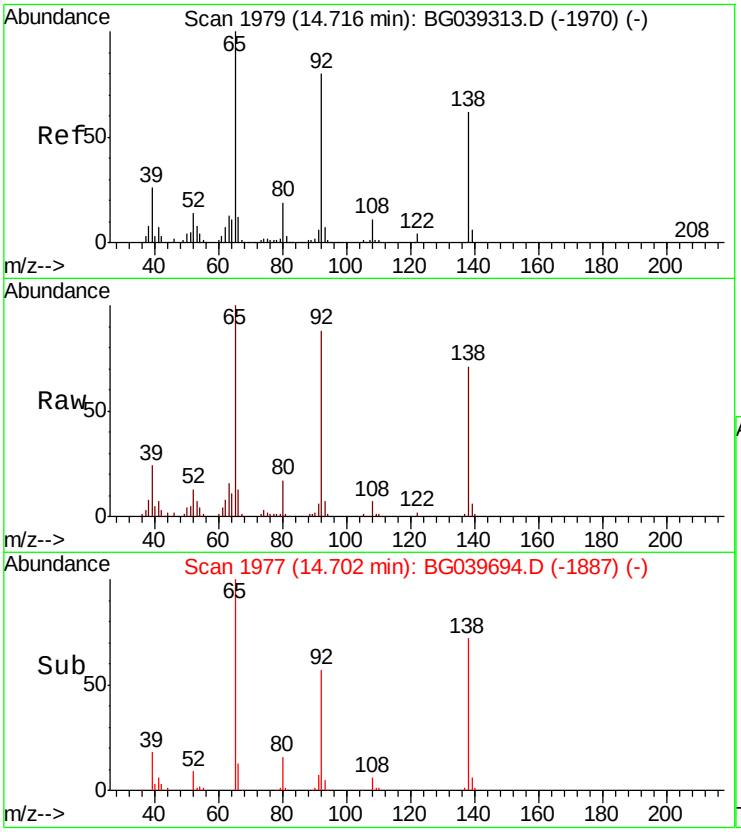




#52
Acenaphthene
Concen: 39.104 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:154 Resp: 366995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.0 | 90.1 | 135.1 |
| 152 | 51.7 | 40.9 | 61.3 |



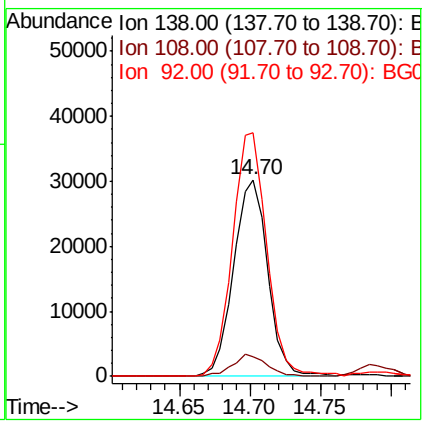


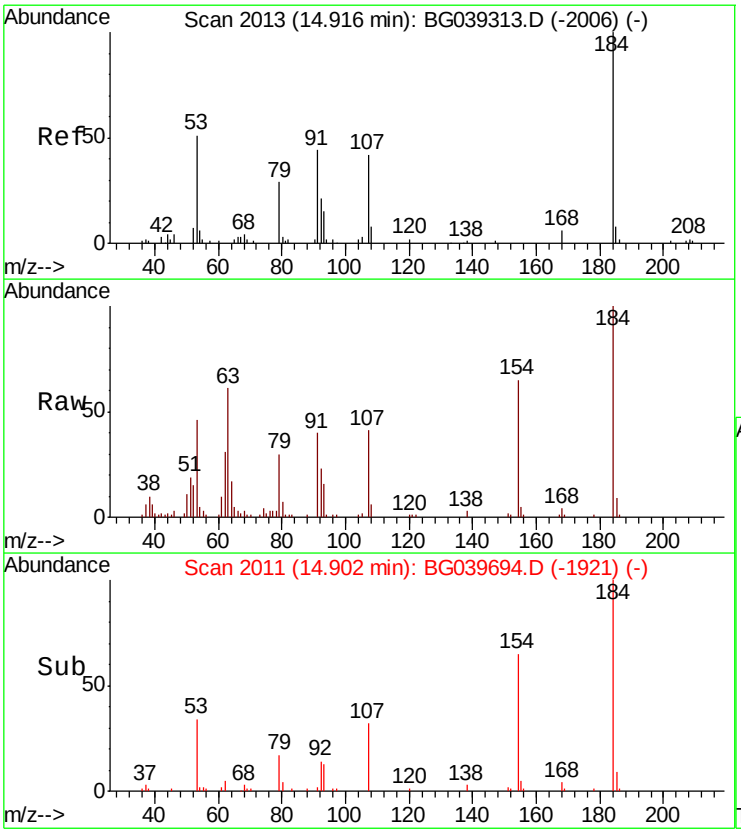

#53
3-Nitroaniline
Concen: 23.768 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:138 Resp: 50969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 9.7 | 13.8 | 20.8# |
| 92 | 123.7 | 103.7 | 155.5 |

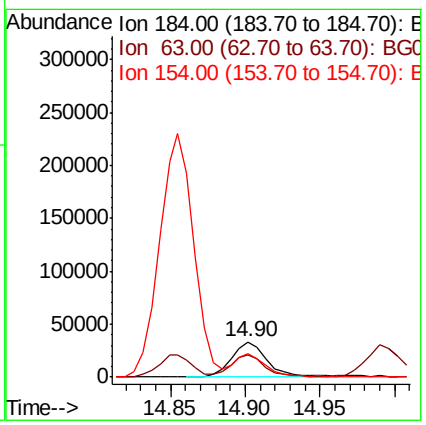


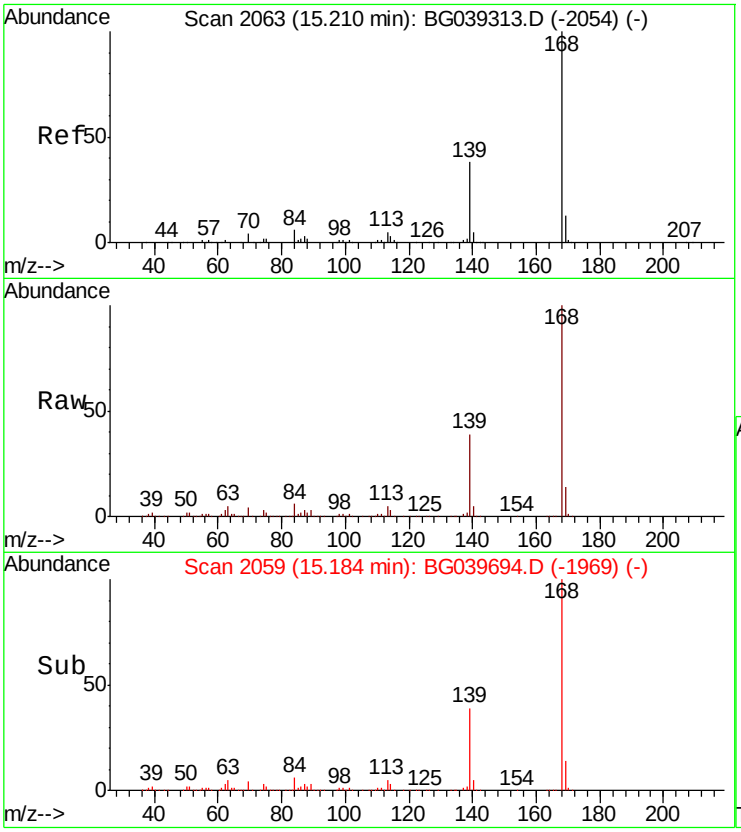




#54
2,4-Dinitrophenol
Concen: 60.442 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:184 Resp: 54299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 61.3 | 50.9 | 76.3 |
| 154 | 65.4 | 53.0 | 79.6 |



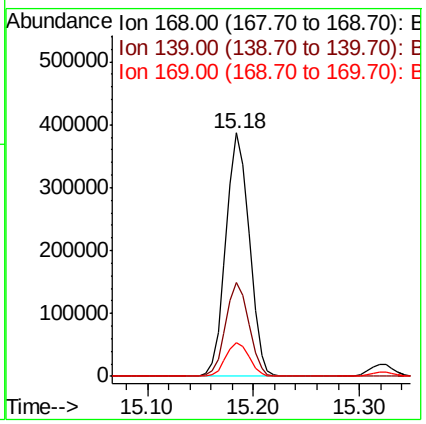


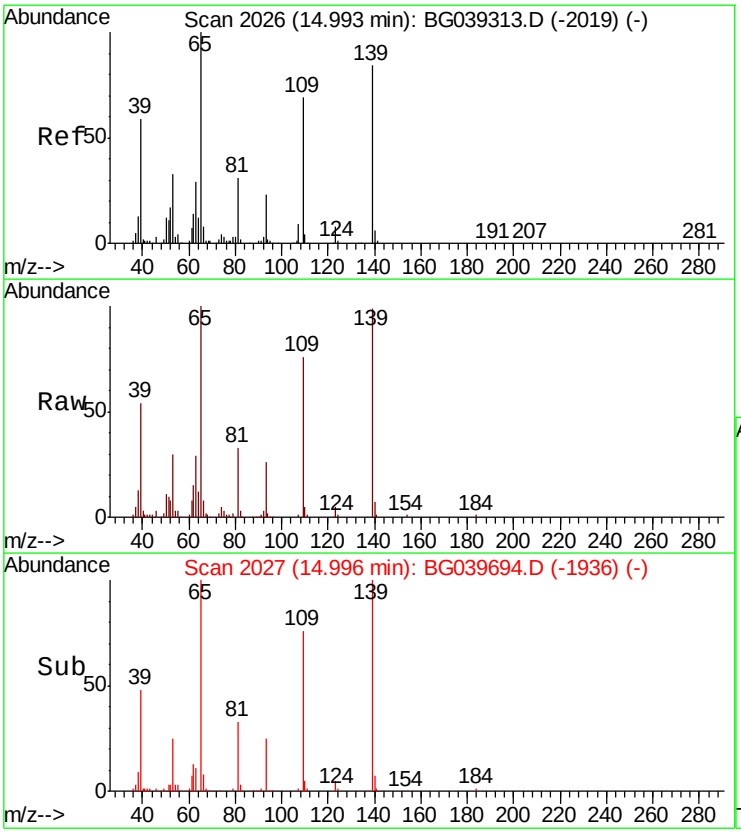

#55
Dibenzofuran
Concen: 39.321 ng
RT: 15.18 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:168 Resp: 591680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.5 | 30.1 | 45.1 |
| 169 | 13.9 | 10.6 | 16.0 |

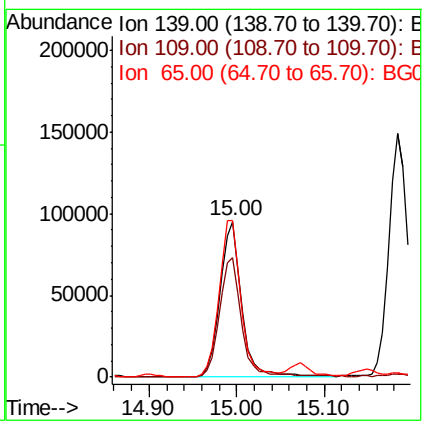


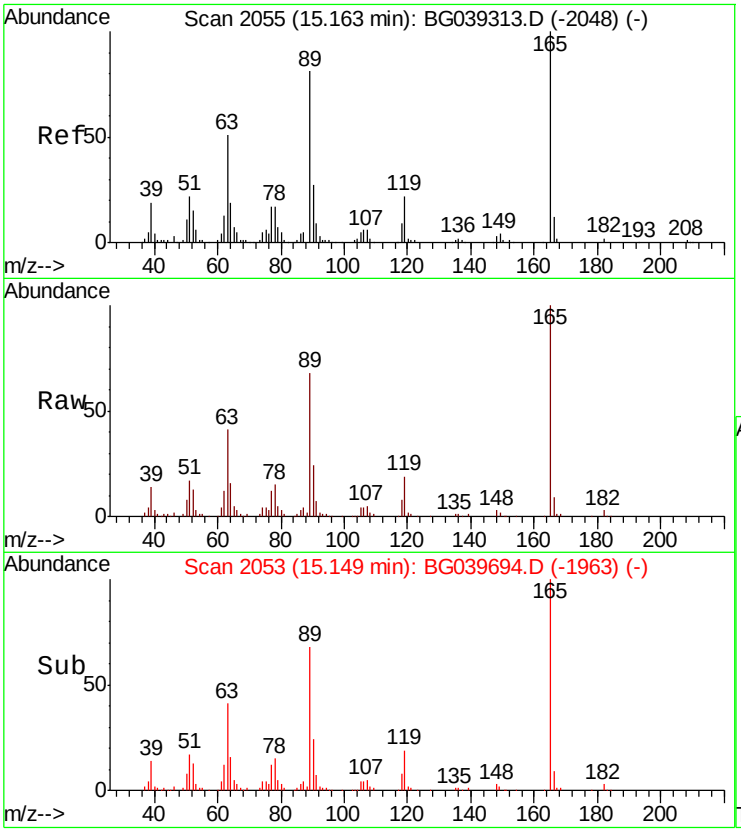




#56
4-Nitrophenol
Concen: 73.965 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:139 Resp: 164293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 76.2 | 61.9 | 101.9 |
| 65 | 100.6 | 99.1 | 139.1 |



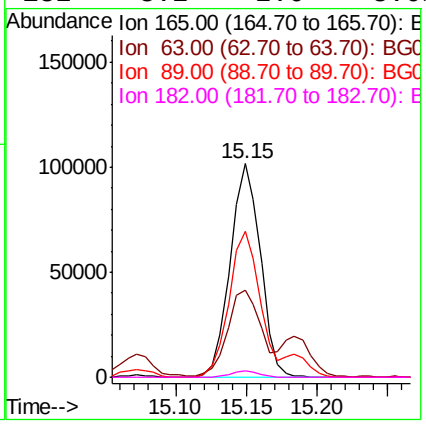


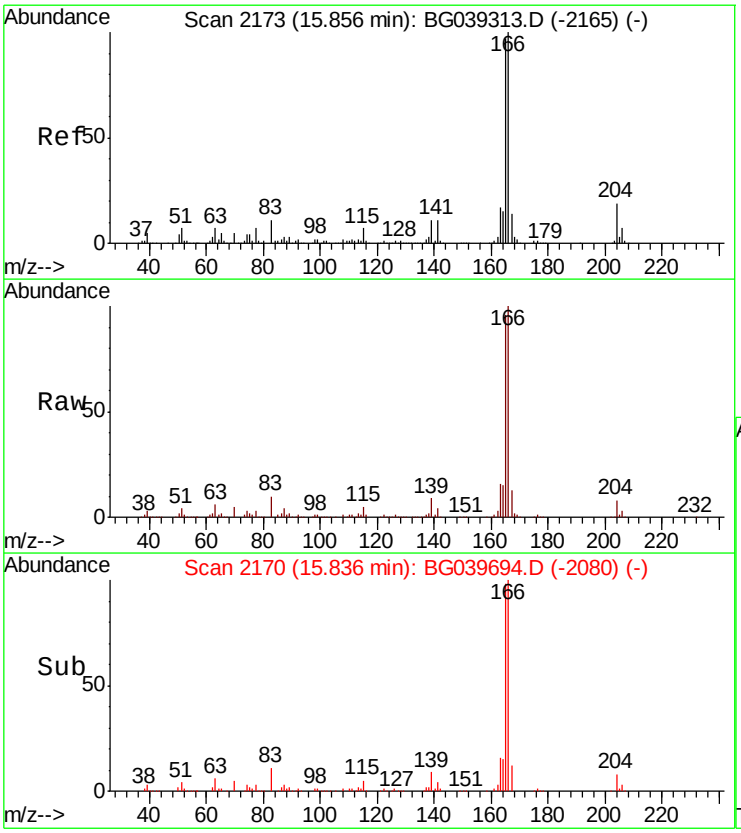

#57
2,4-Dinitrotoluene
Concen: 50.497 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:165 Resp: 150906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 40.6 | 41.0 | 61.6# |
| 89 | 68.3 | 64.6 | 96.8 |
| 182 | 3.2 | 2.0 | 3.0# |

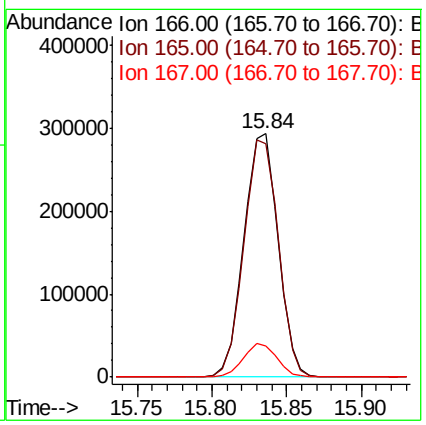


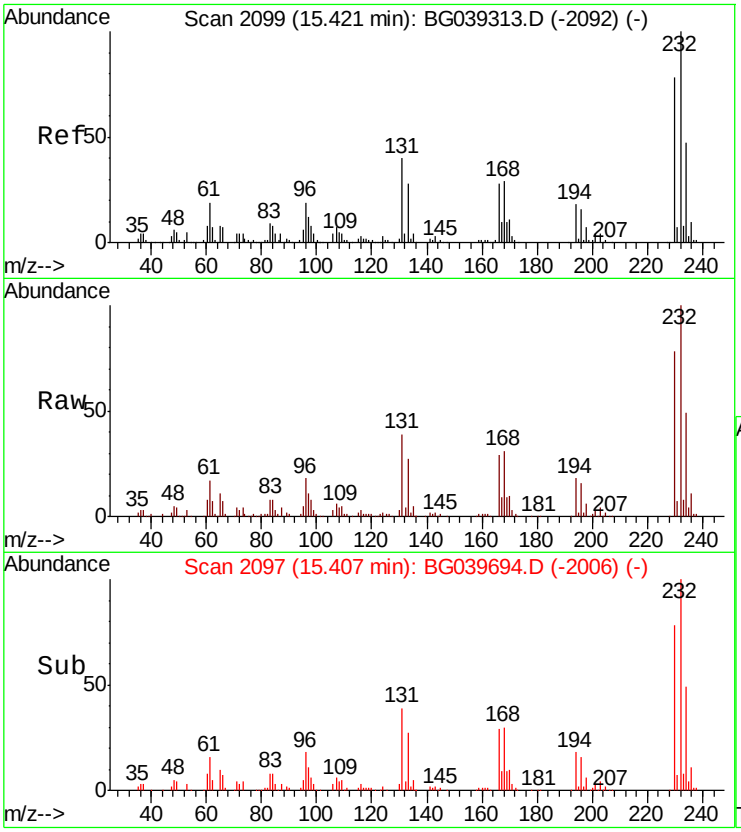




#58
Fluorene
Concen: 41.166 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:166 Resp: 461771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 95.6 | 77.9 | 116.9 |
| 167 | 12.8 | 10.8 | 16.2 |



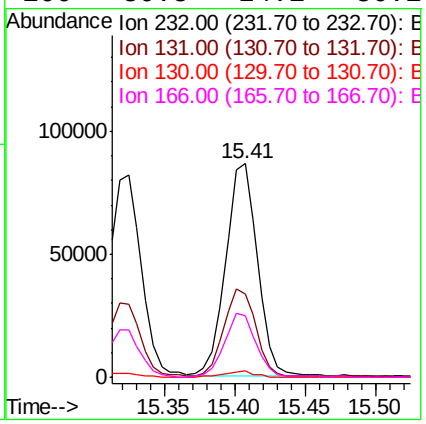


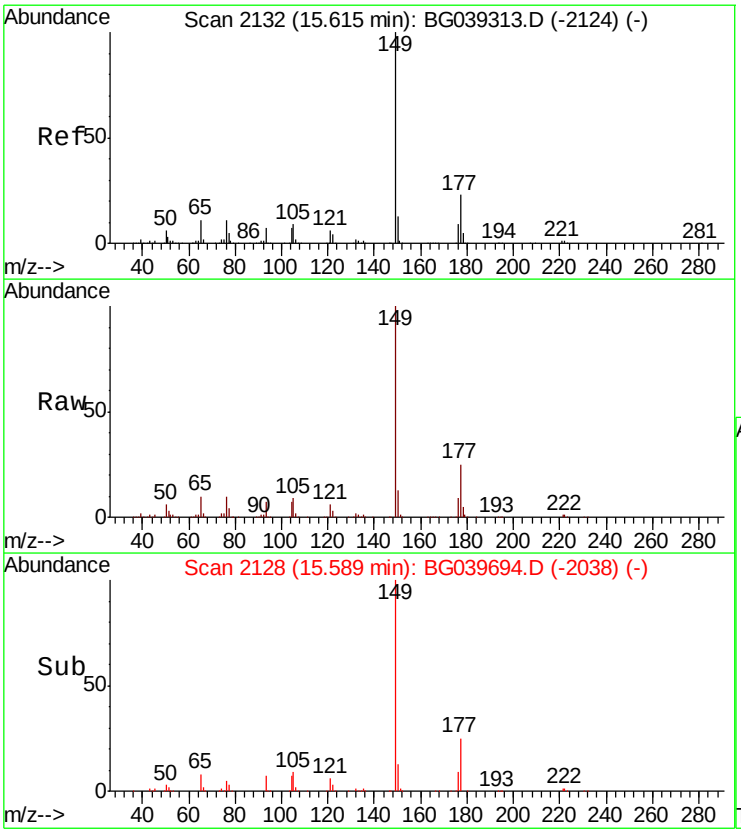

#59
2,3,4,6-Tetrachlorophenol
Concen: 45.941 ng
RT: 15.41 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:232 Resp: 135013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 41.2 | 34.9 | 52.3 |
| 130 | 2.5 | 2.0 | 3.0 |
| 166 | 30.8 | 24.1 | 36.1 |

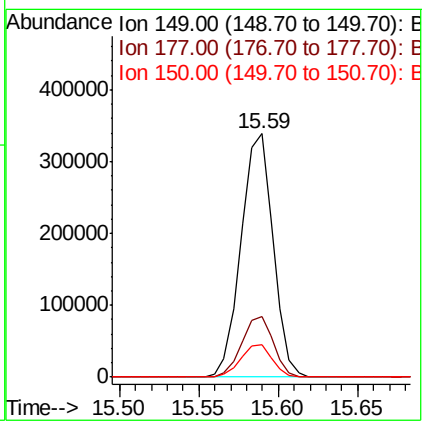


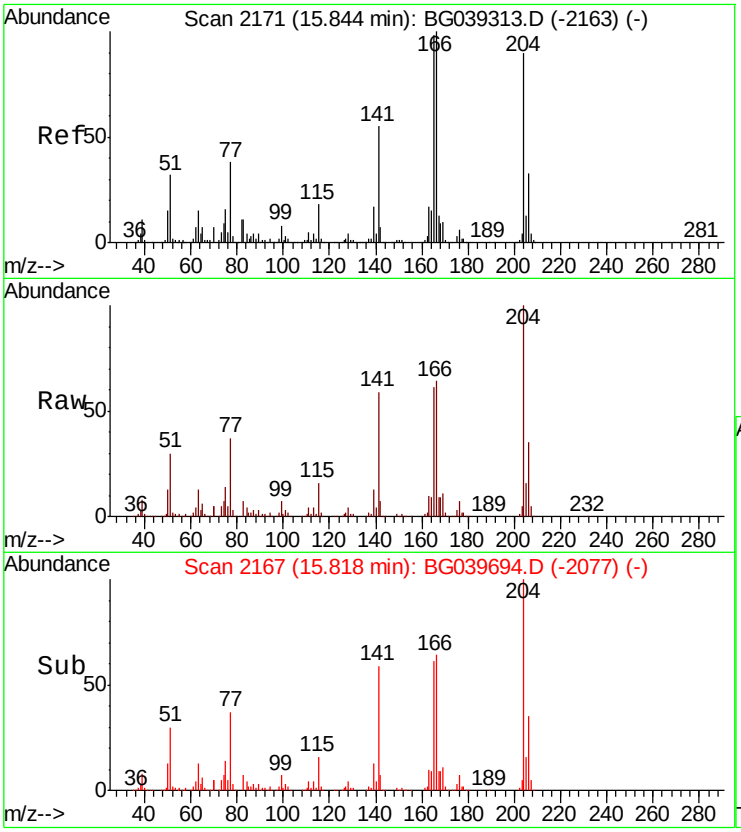




#60
Diethylphthalate
Concen: 37.094 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:149 Resp: 474177

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.8 | 18.3 | 27.5 |
| 150 | 13.4 | 10.2 | 15.2 |



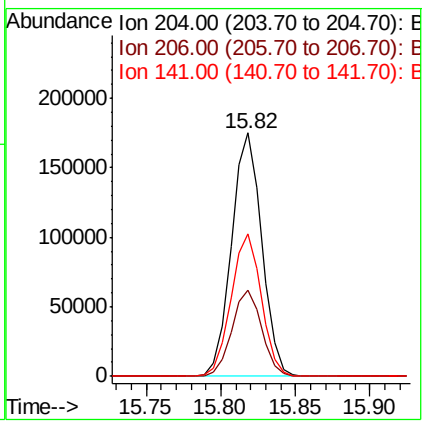


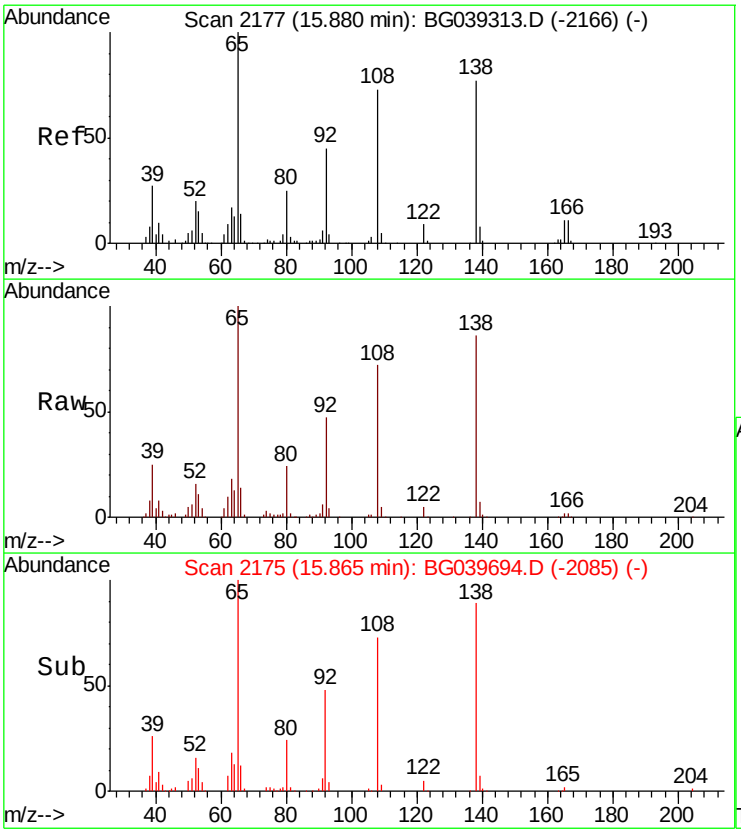

#61
4-Chlorophenyl-phenylether
Concen: 38.979 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:204 Resp: 247573

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 35.2 | 29.2 | 43.8 |
| 141 | 58.6 | 49.0 | 73.4 |

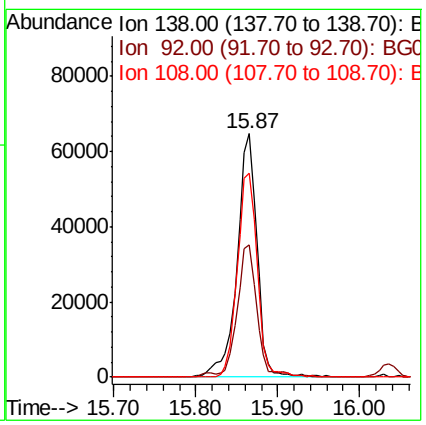


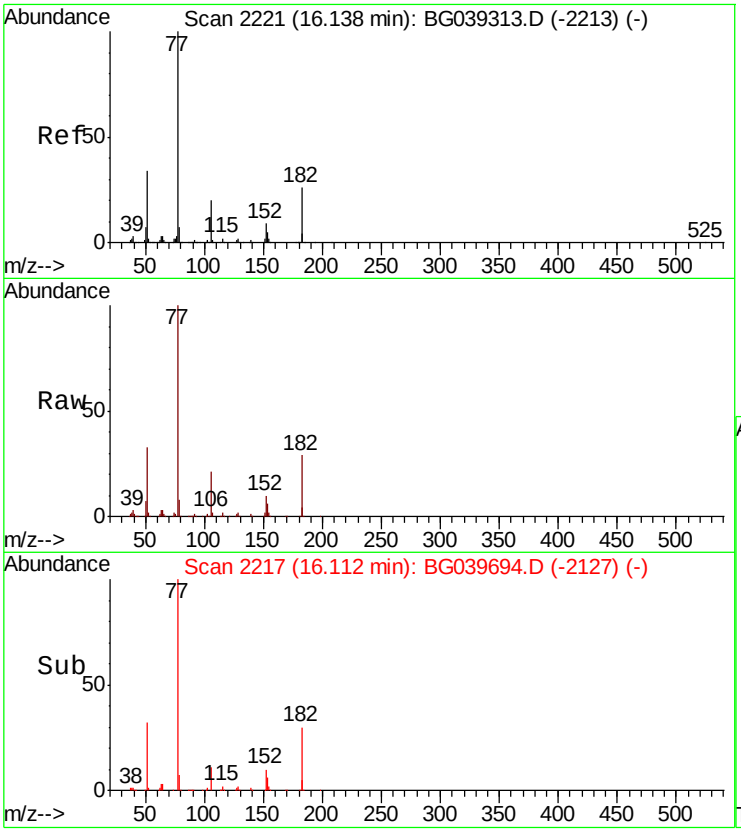




#62
4-Nitroaniline
Concen: 42.920 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:138 Resp: 110013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 54.4 | 38.7 | 78.7 |
| 108 | 83.6 | 74.6 | 114.6 |



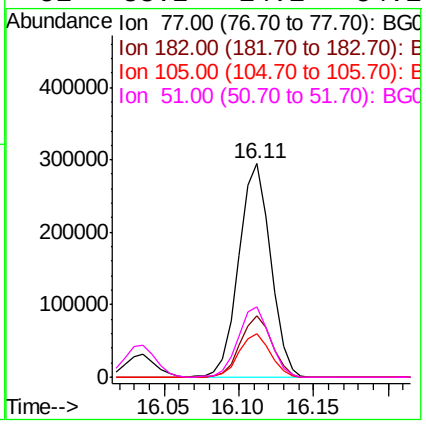


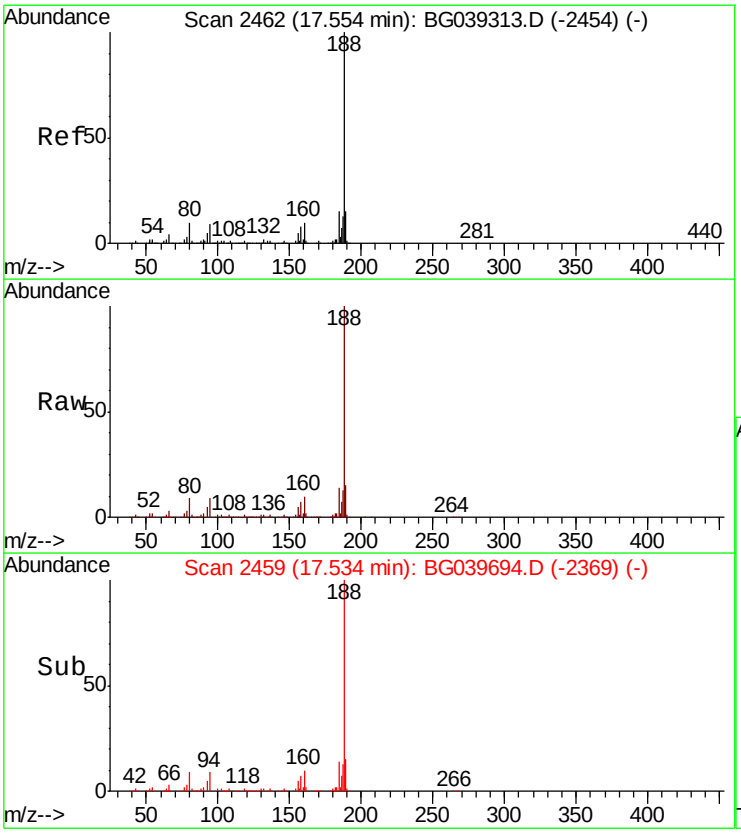

#63
Azobenzene
Concen: 34.733 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion: 77 Resp: 433960

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.8 | 6.4 | 46.4 |
| 105 | 20.6 | 0.0 | 39.8 |
| 51 | 33.2 | 14.1 | 54.1 |

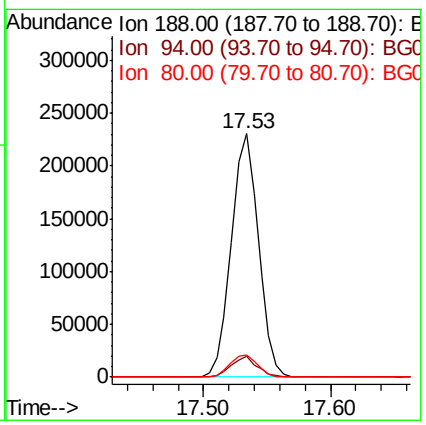


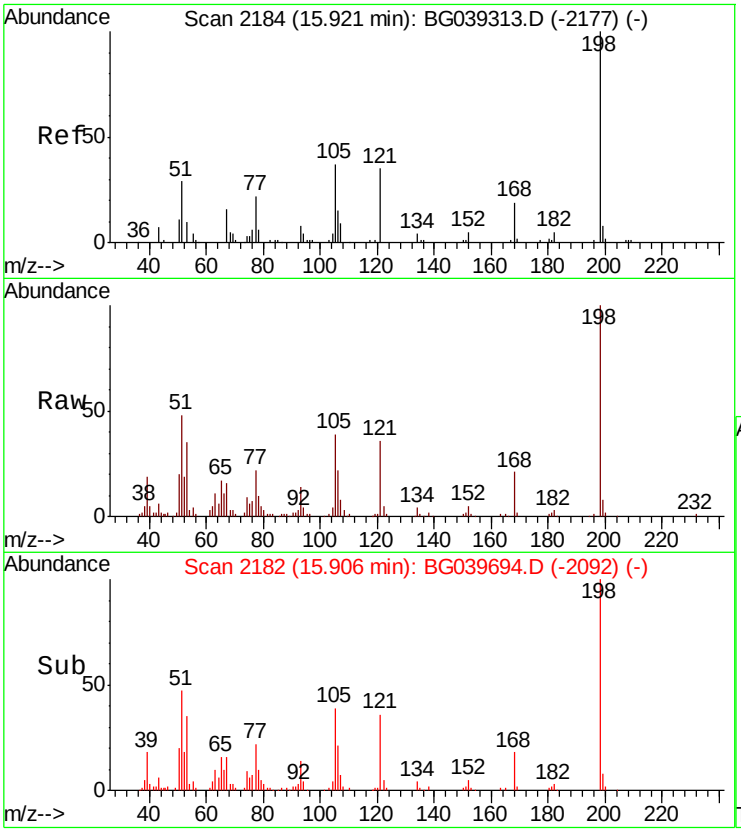




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:188 Resp: 341039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.7 | 6.9 | 10.3 |
| 80 | 9.3 | 8.1 | 12.1 |



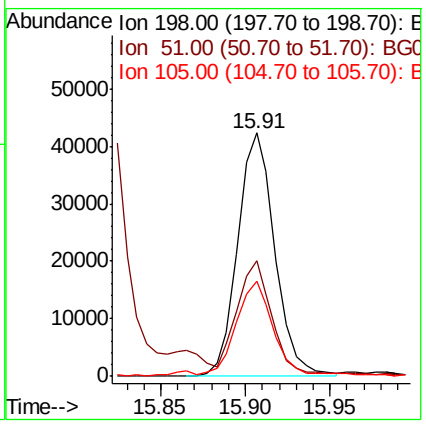


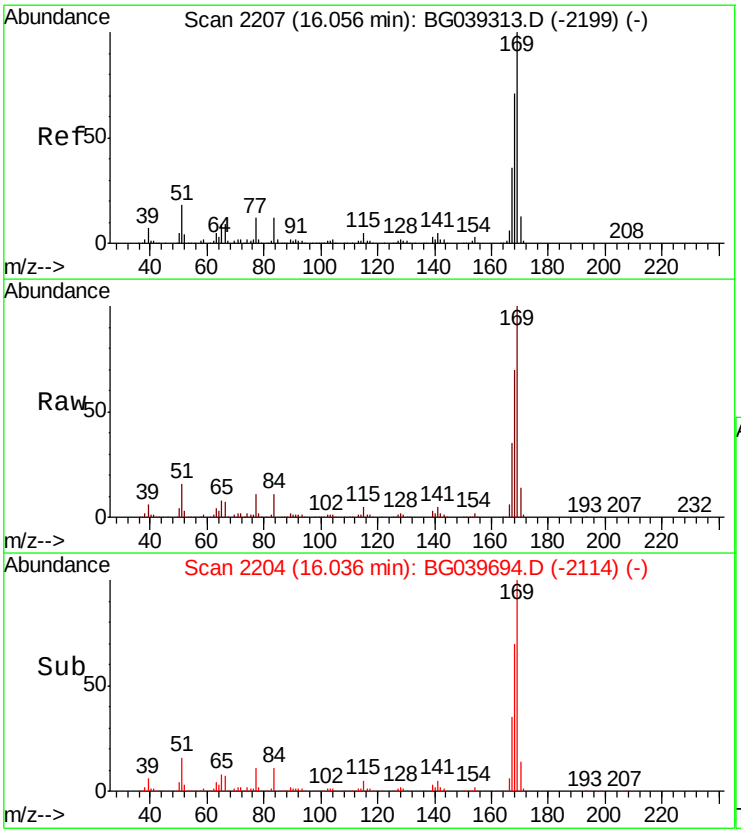

#65
4,6-Dinitro-2-methylphenol
Concen: 48.084 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:198 Resp: 64648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 47.7 | 27.4 | 67.4 |
| 105 | 38.8 | 19.7 | 59.7 |

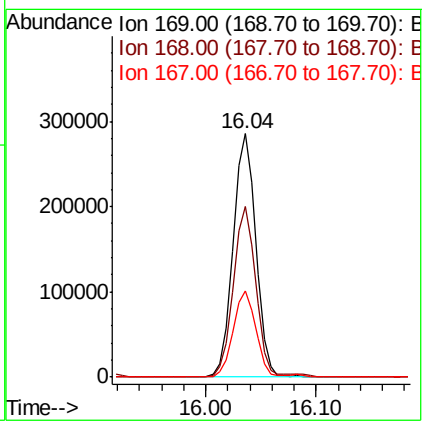


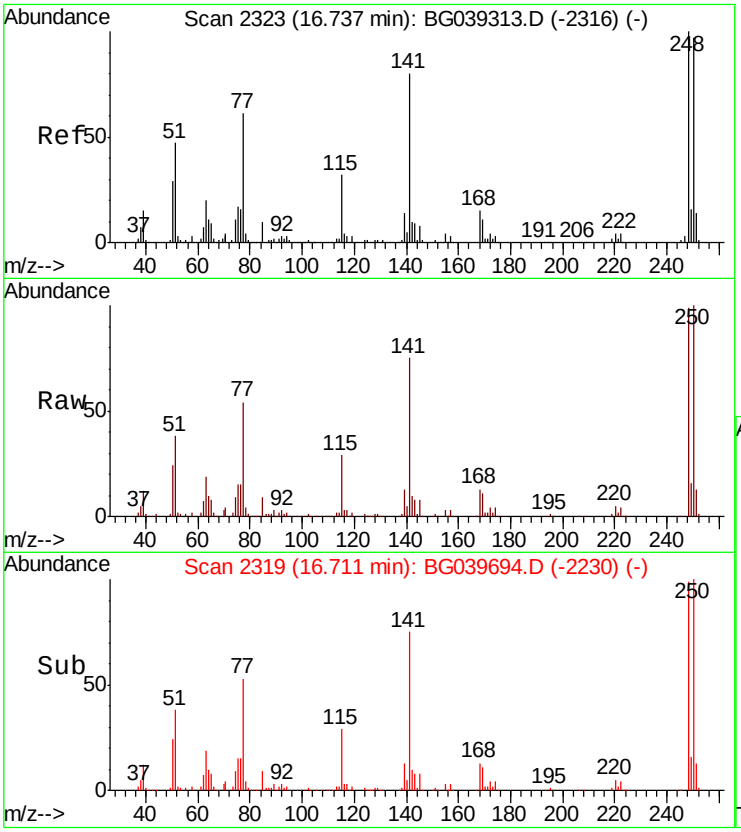




#66
n-Nitrosodiphenylamine
Concen: 39.823 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:169 Resp: 412956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 70.0 | 56.6 | 85.0 |
| 167 | 35.2 | 28.8 | 43.2 |



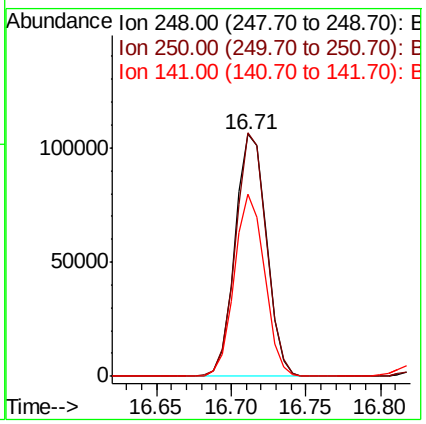


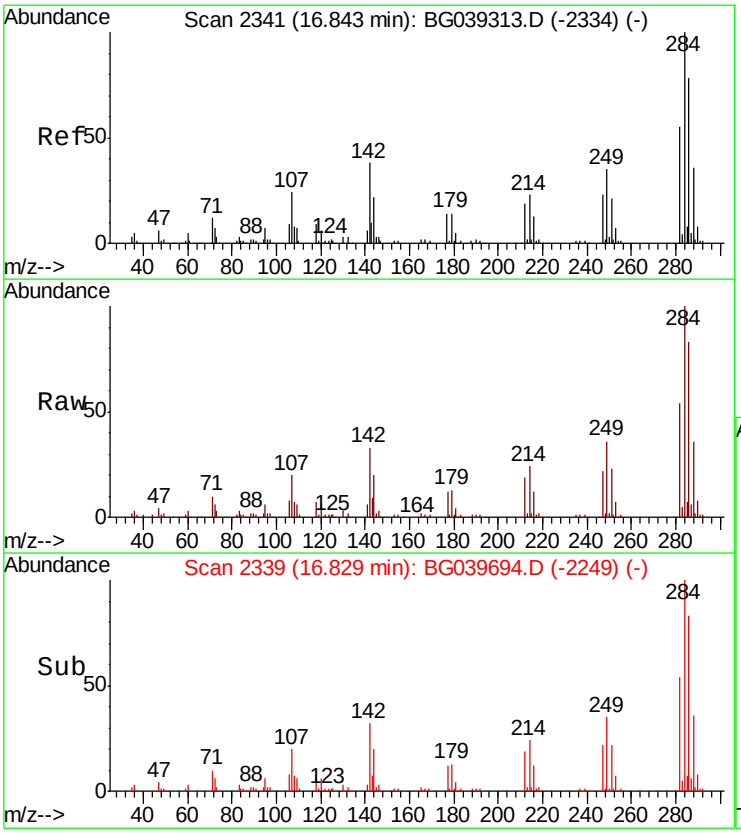

#67
4-Bromophenyl-phenylether
Concen: 40.963 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:248 Resp: 154982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.7 | 77.6 | 116.4 |
| 141 | 75.5 | 63.9 | 95.9 |

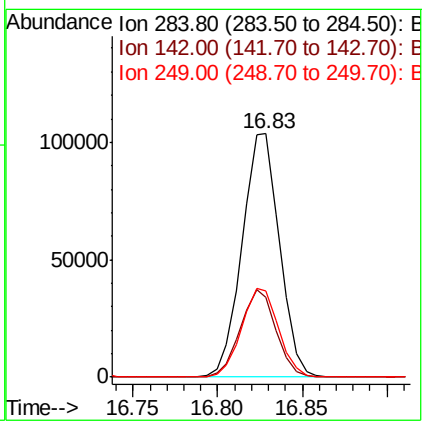


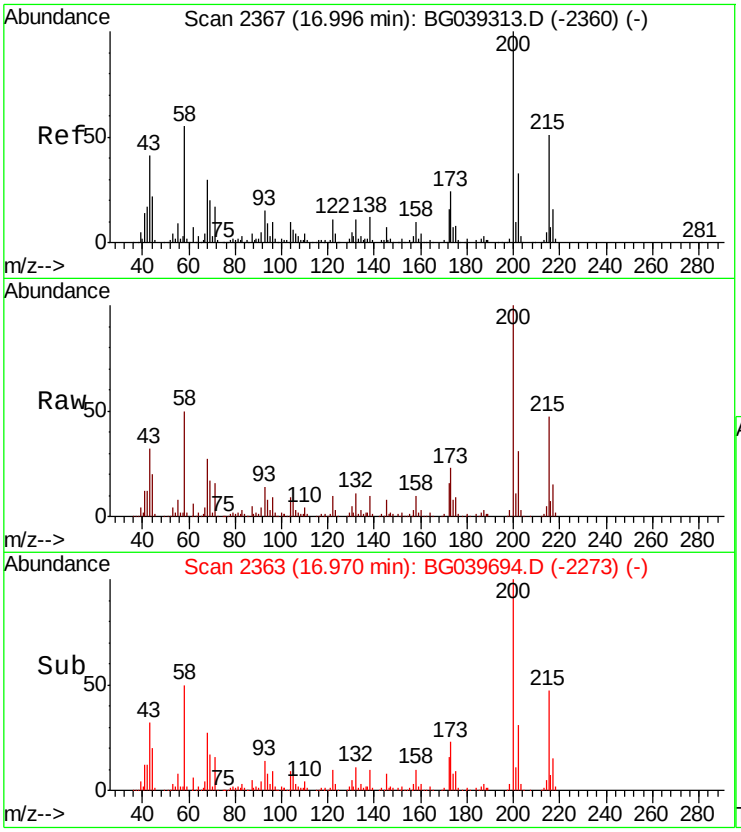




#68
Hexachlorobenzene
Concen: 41.938 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:284 Resp: 159192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.6 | 30.6 | 45.8 |
| 249 | 35.5 | 28.2 | 42.2 |



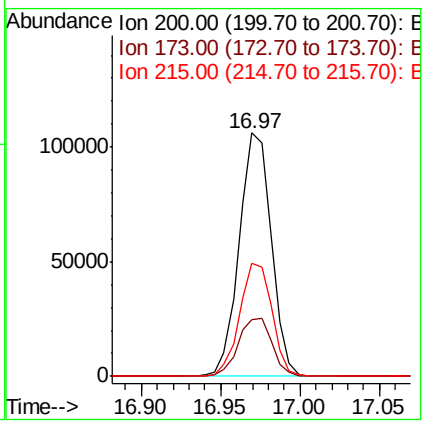


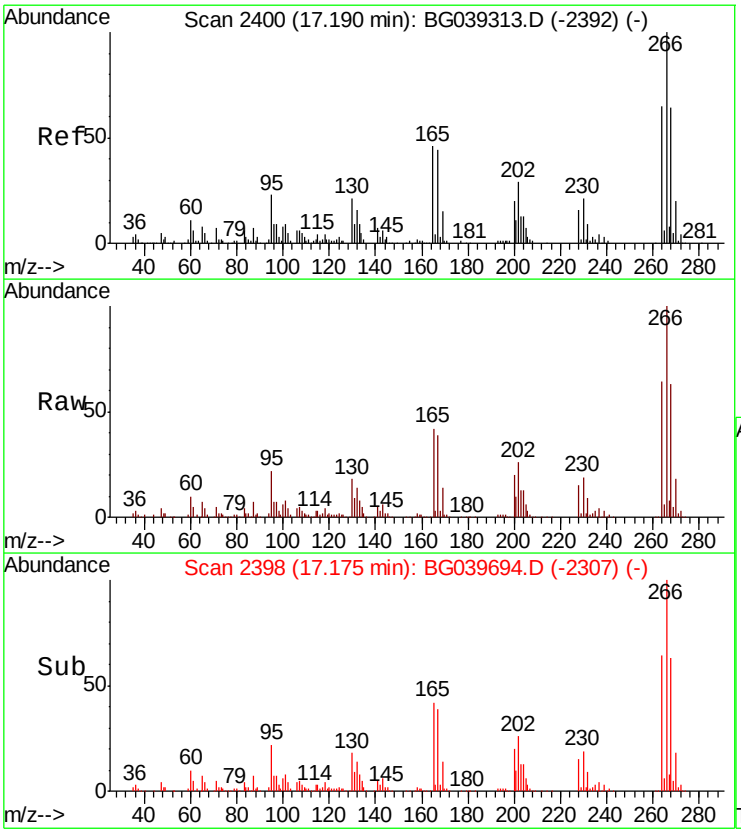

#69
Atrazine
Concen: 39.380 ng
RT: 16.97 min Scan# 2363
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:200 Resp: 149234

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 23.3 | 3.9 | 43.9 |
| 215 | 46.6 | 30.9 | 70.9 |

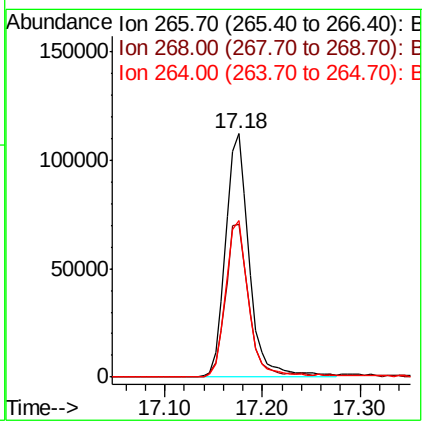


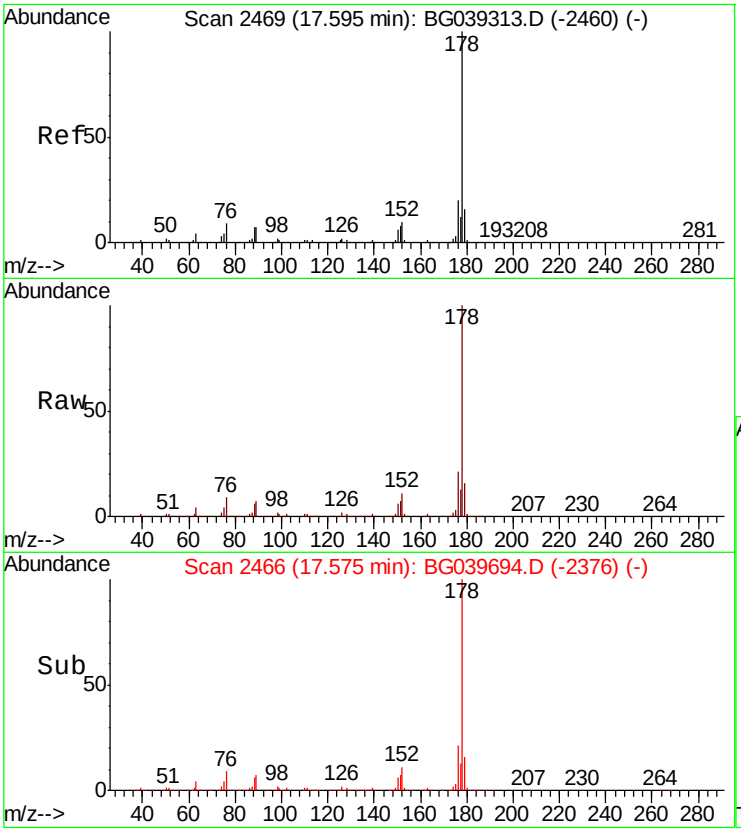




#70
Pentachlorophenol
Concen: 72.040 ng
RT: 17.18 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:266 Resp: 190059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.0 | 51.1 | 76.7 |
| 264 | 64.1 | 52.1 | 78.1 |



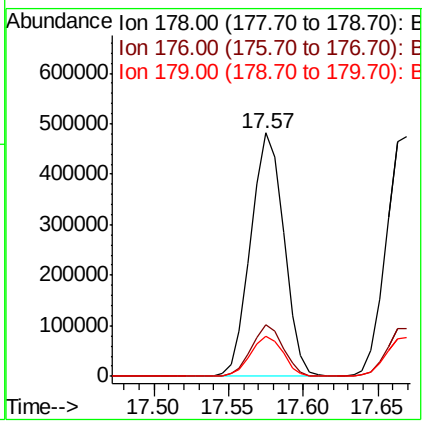


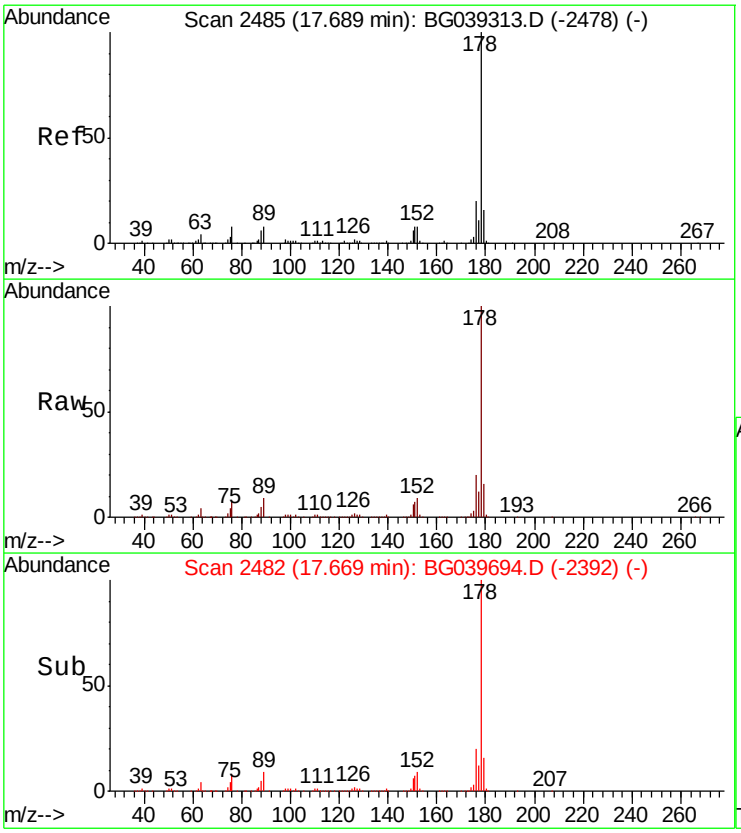

#71
Phenanthrene
Concen: 41.931 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:178 Resp: 740133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.0 | 16.2 | 24.4 |
| 179 | 16.5 | 12.6 | 19.0 |

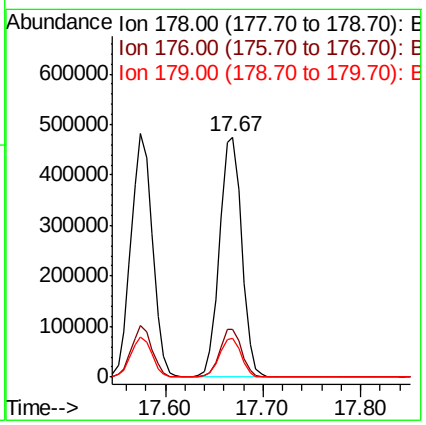


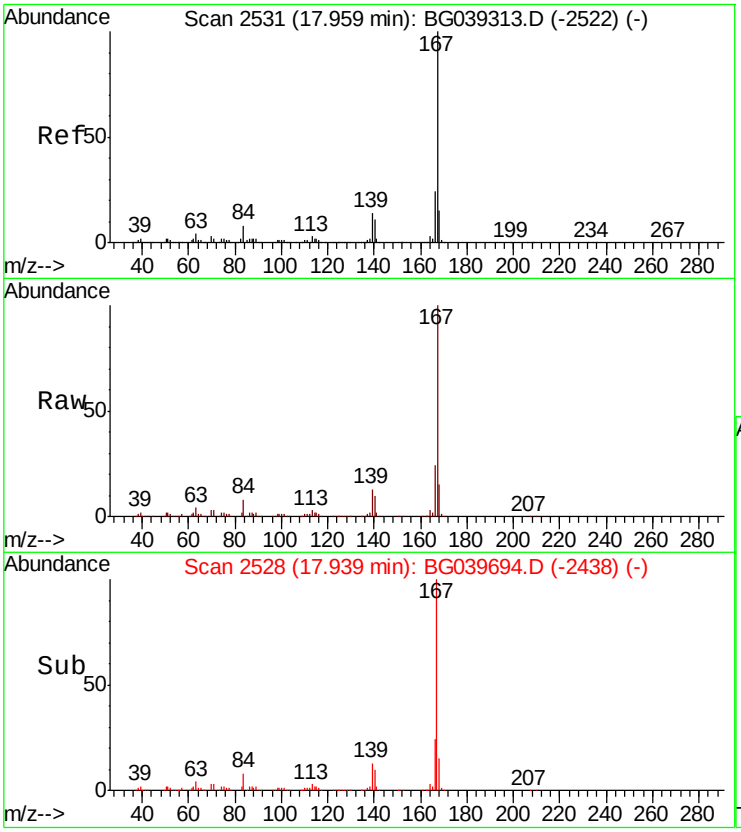




#72
Anthracene
Concen: 42.980 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:178 Resp: 747276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 15.8 | 23.6 |
| 179 | 15.9 | 12.5 | 18.7 |



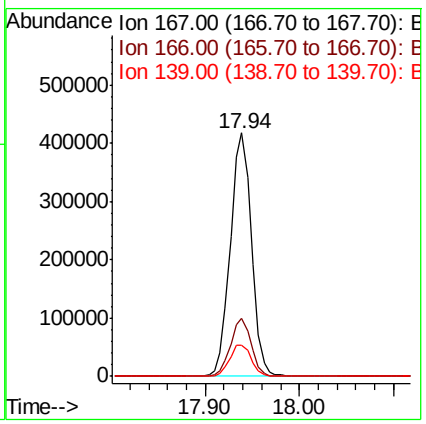


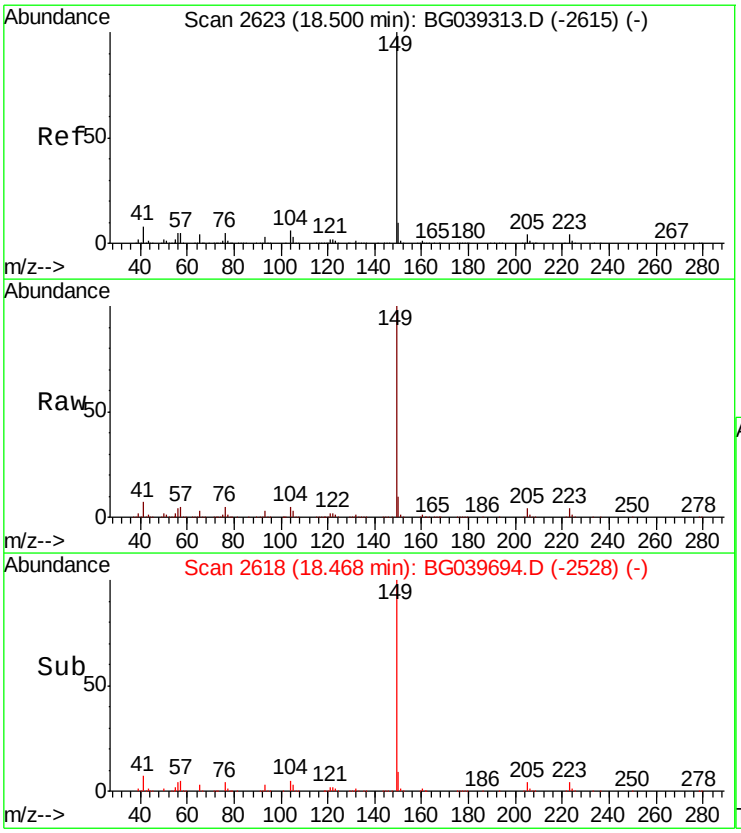

#73
Carbazole
Concen: 37.698 ng
RT: 17.94 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:167 Resp: 654115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.7 | 19.4 | 29.2 |
| 139 | 13.1 | 10.8 | 16.2 |

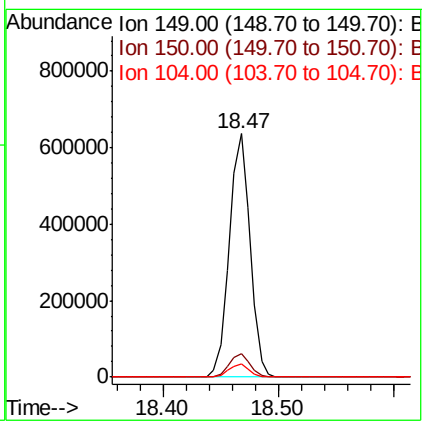


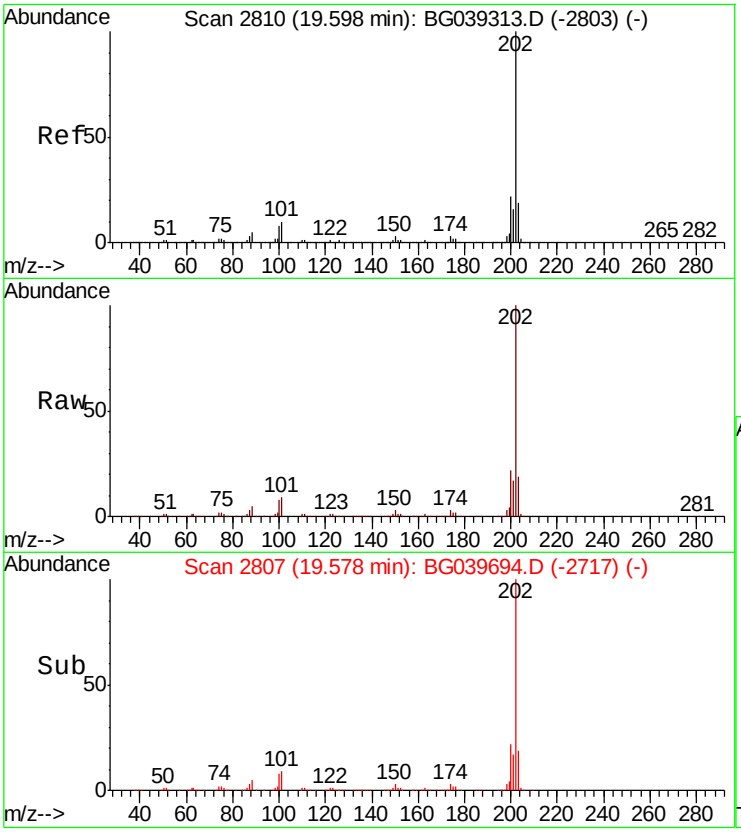




#74
Di-n-butylphthalate
Concen: 39.019 ng
RT: 18.47 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:149 Resp: 789847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.5 | 7.7 | 11.5 |
| 104 | 5.5 | 4.5 | 6.7 |



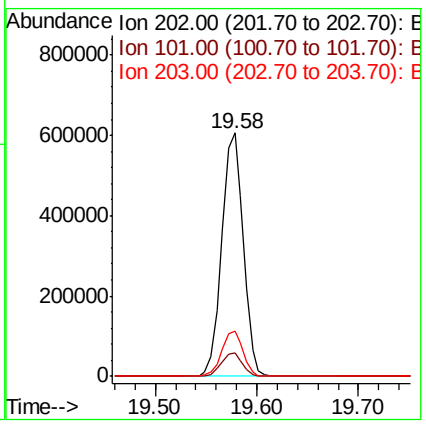


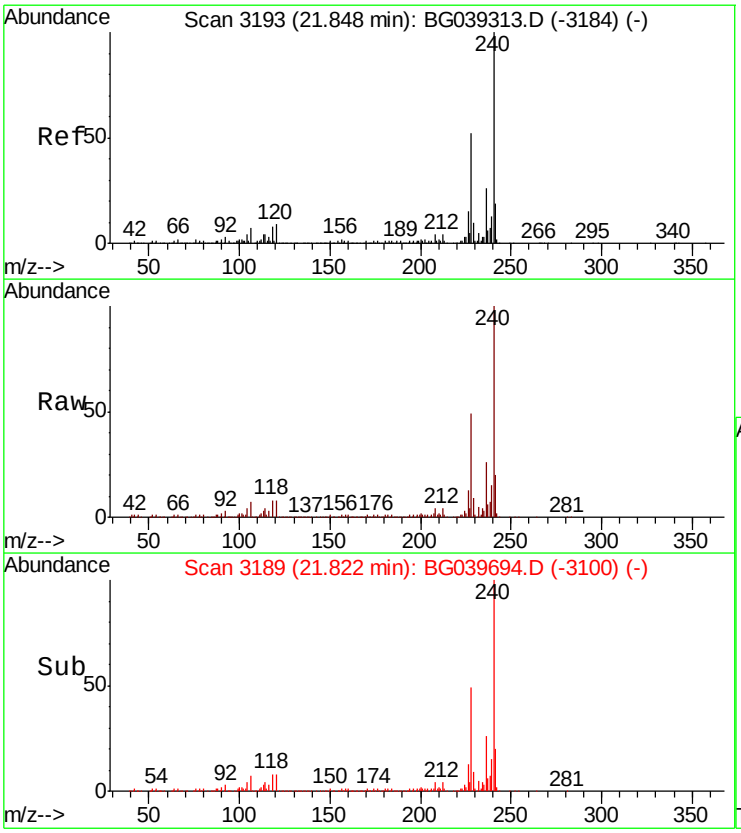

#75
Fluoranthene
Concen: 43.442 ng
RT: 19.58 min Scan# 2807
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:202 Resp: 890013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.5 | 0.0 | 30.0 |
| 203 | 18.5 | 0.0 | 38.9 |

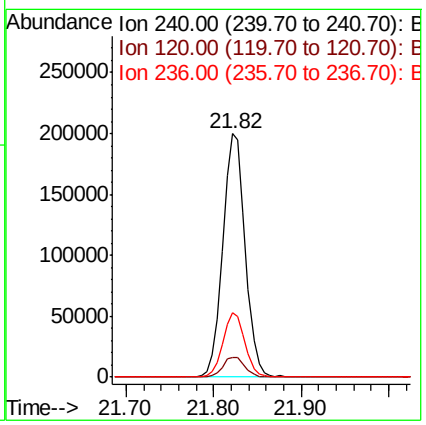


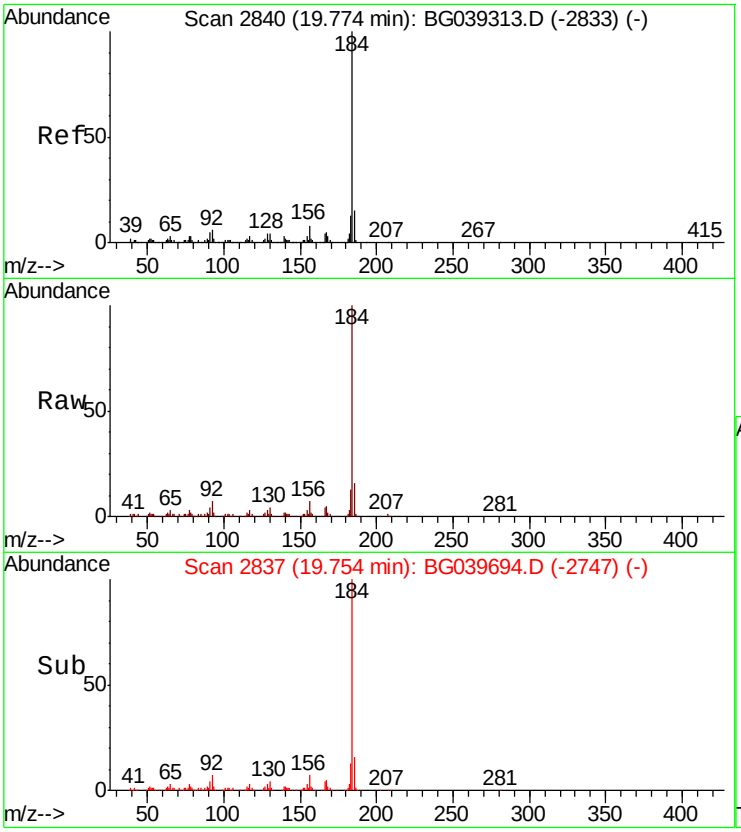




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:240 Resp: 349032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.2 | 7.0 | 10.6 |
| 236 | 26.3 | 21.0 | 31.4 |



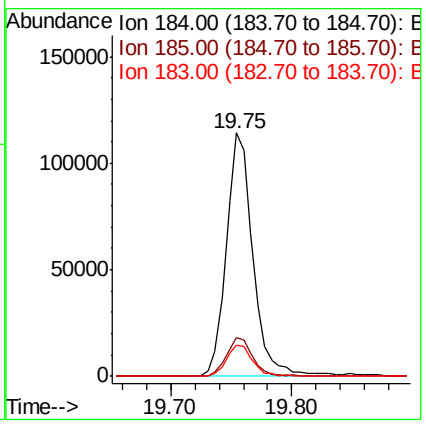


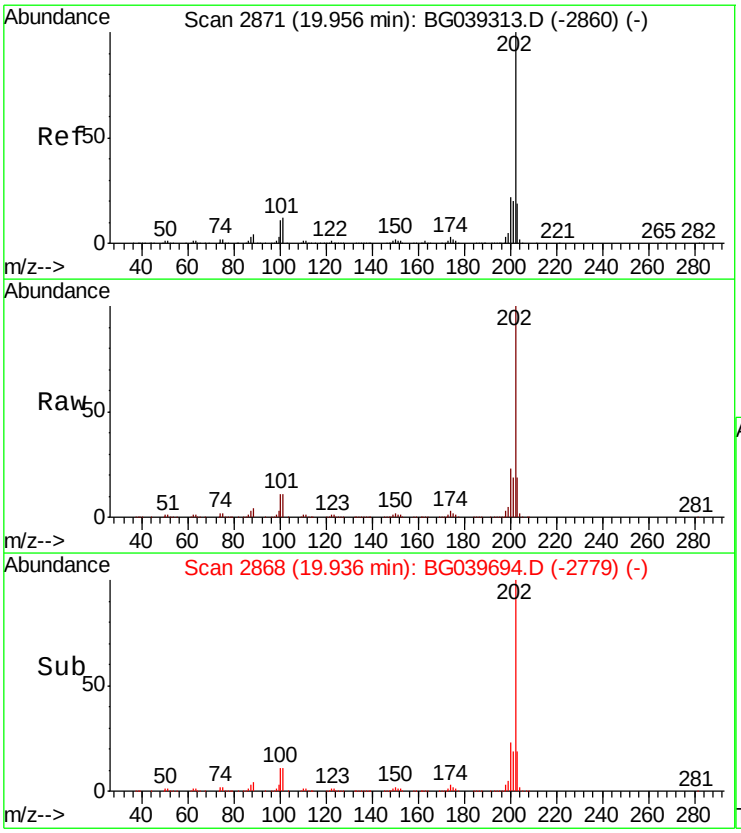

#77
Benzidine
Concen: 15.270 ng
RT: 19.75 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:184 Resp: 174735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.0 | 12.2 | 18.2 |
| 183 | 12.6 | 10.6 | 15.8 |

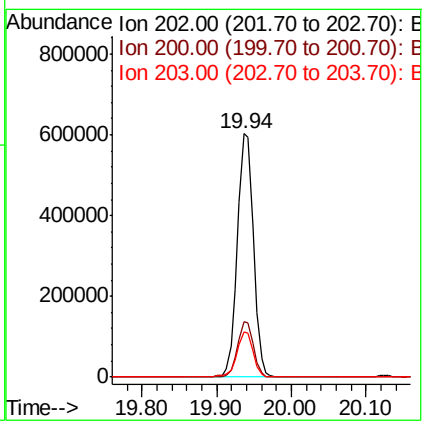


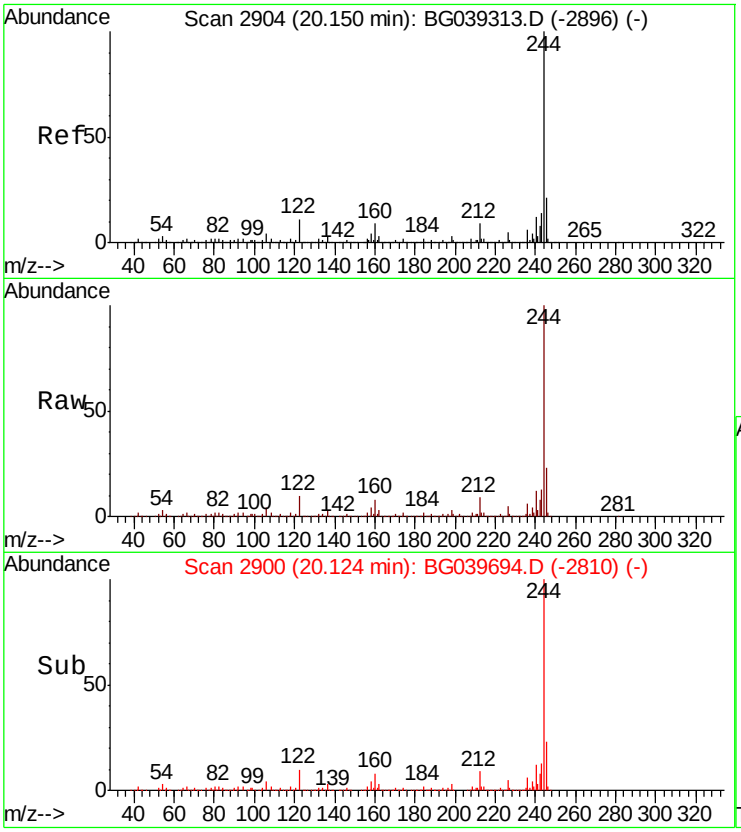




#78
Pyrene
Concen: 41.516 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:202 Resp: 902063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.8 | 17.8 | 26.8 |
| 203 | 18.8 | 15.3 | 22.9 |



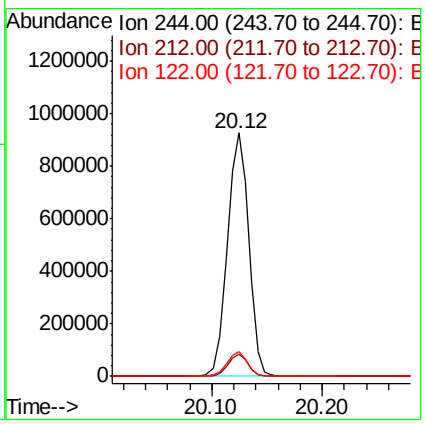


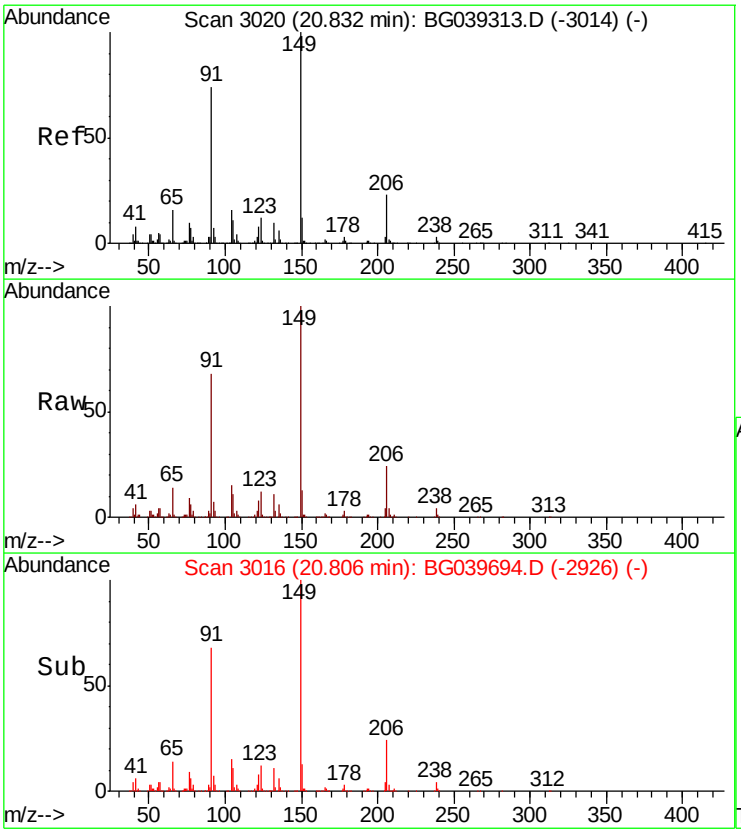

#79
Terphenyl-d14
Concen: 76.079 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:244 Resp: 1254502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.2 | 7.3 | 10.9 |
| 122 | 10.2 | 8.4 | 12.6 |

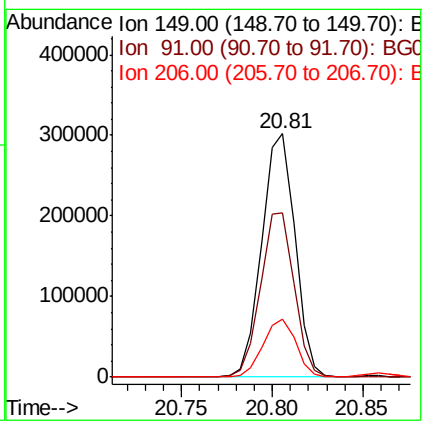


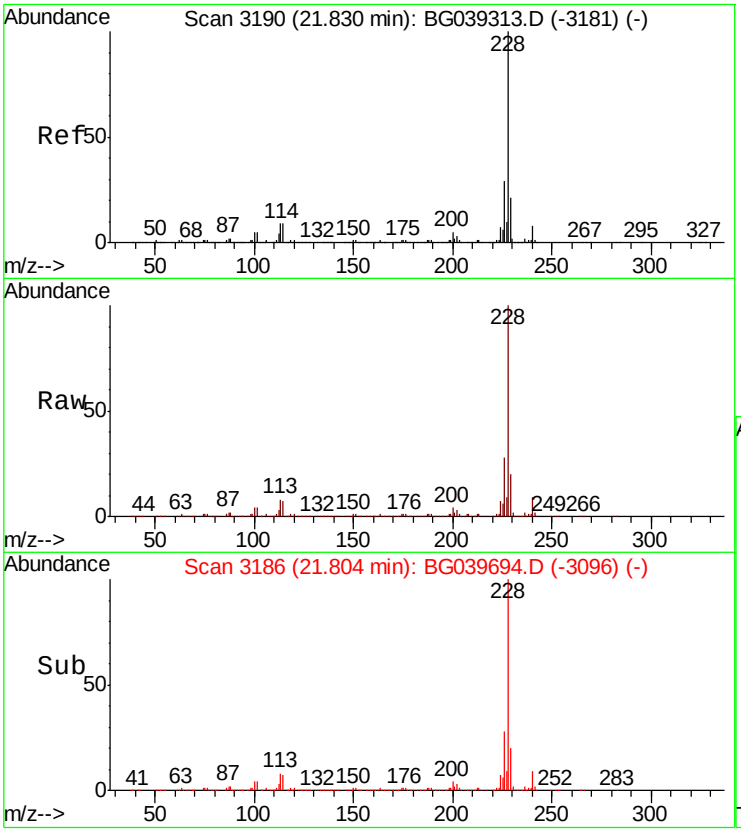




#80
Butylbenzylphthalate
Concen: 41.934 ng
RT: 20.81 min Scan# 3016
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:149 Resp: 384360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 67.5 | 59.5 | 89.3 |
| 206 | 23.8 | 18.6 | 27.8 |



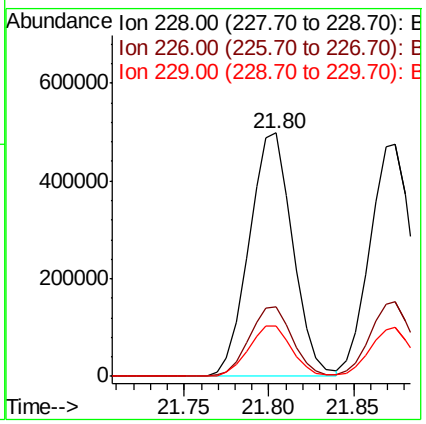


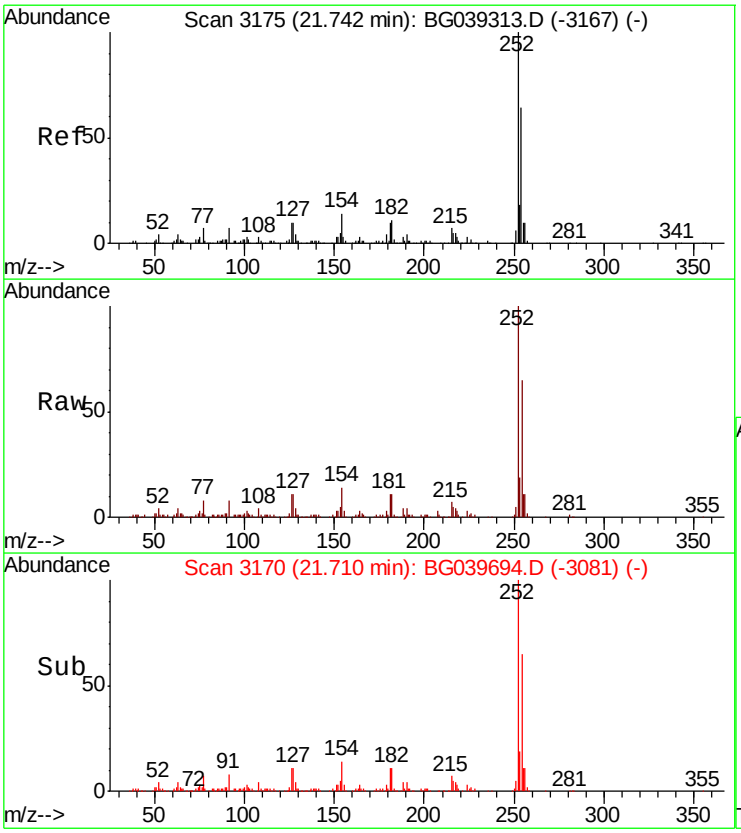

#81
Benzo(a)anthracene
Concen: 43.220 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:228 Resp: 891371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.3 | 23.0 | 34.6 |
| 229 | 20.5 | 16.9 | 25.3 |

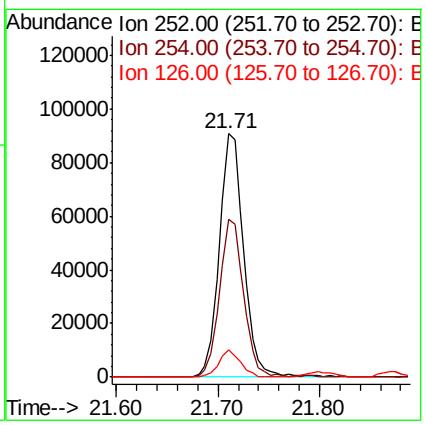


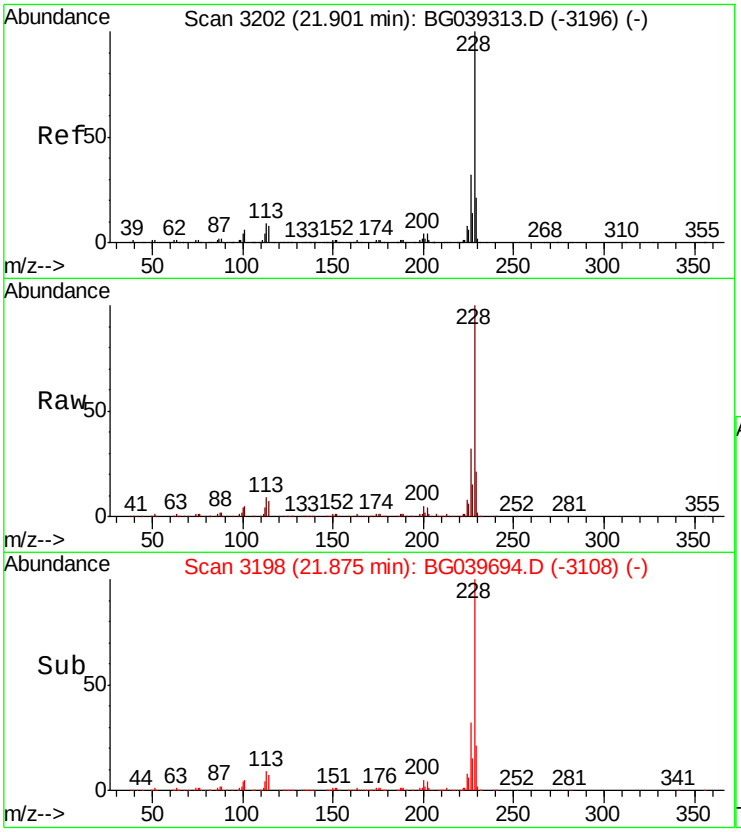




#82
3,3'-Dichlorobenzidine
Concen: 19.782 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:252 Resp: 151281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.7 | 51.3 | 76.9 |
| 126 | 11.0 | 8.0 | 12.0 |



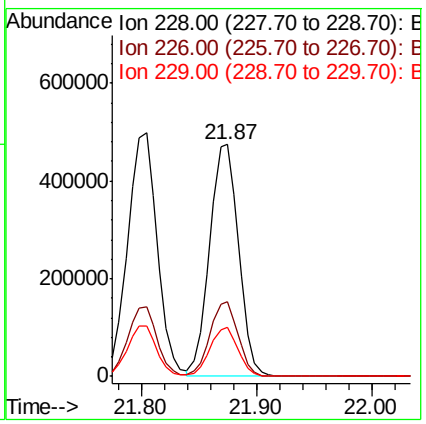


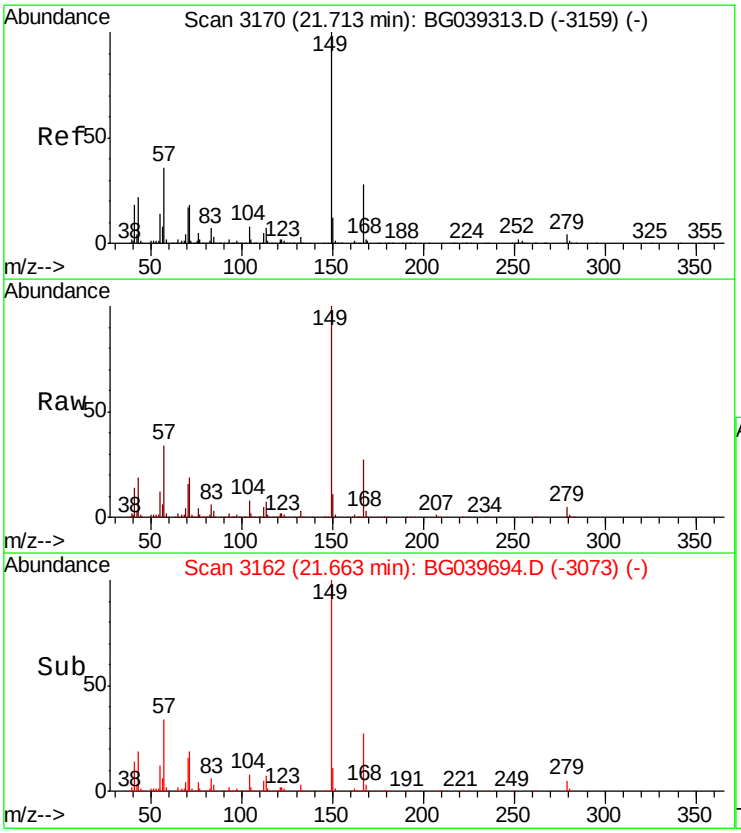

#83
Chrysene
Concen: 41.914 ng
RT: 21.87 min Scan# 3198
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:228 Resp: 822885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.2 | 25.8 | 38.6 |
| 229 | 21.2 | 16.6 | 25.0 |

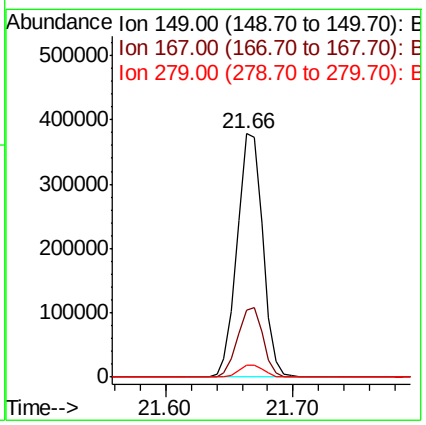


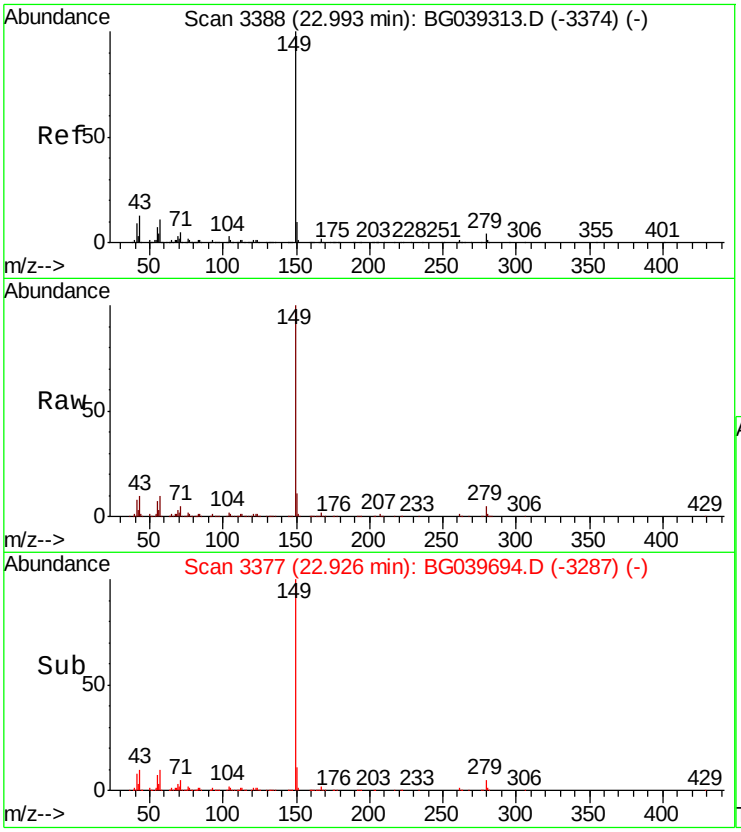




#84
Bis(2-ethylhexyl)phthalate
Concen: 40.446 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:149 Resp: 528882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 22.6 | 34.0 |
| 279 | 4.9 | 3.5 | 5.3 |



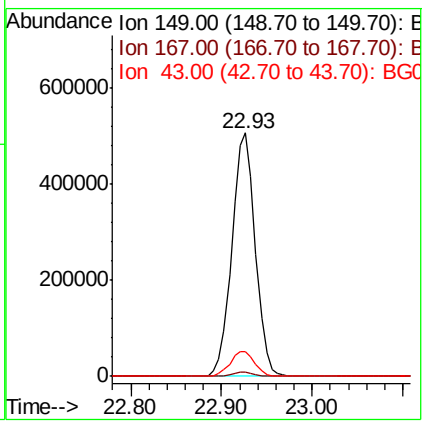


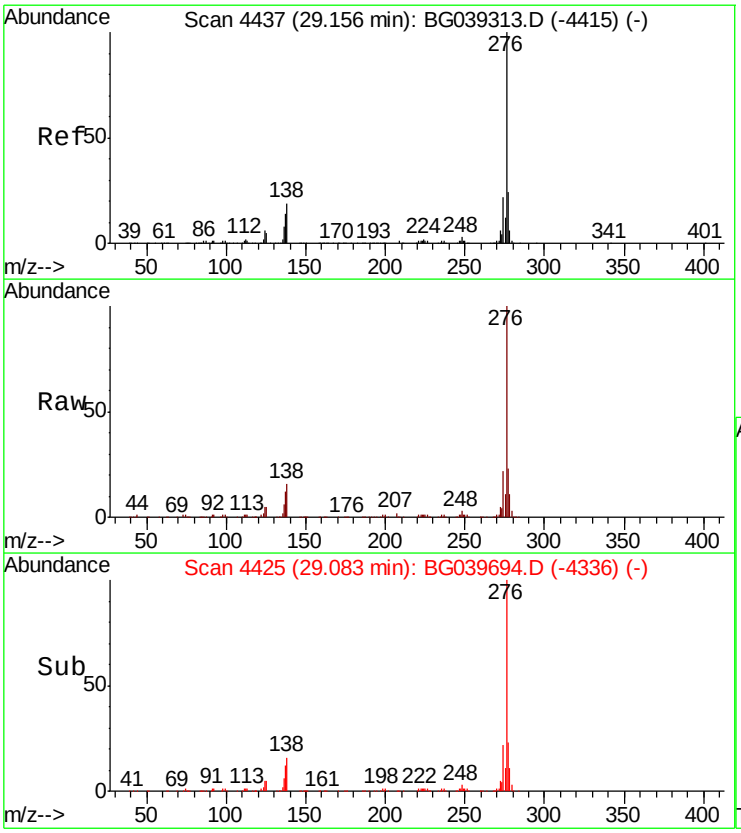

#85
Di-n-octyl phthalate
Concen: 41.987 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:149 Resp: 907050

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 10.6 | 10.2 | 15.4 |

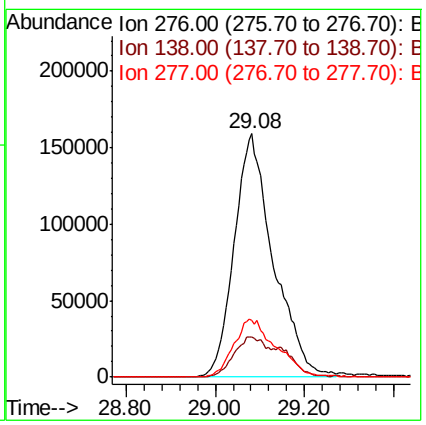


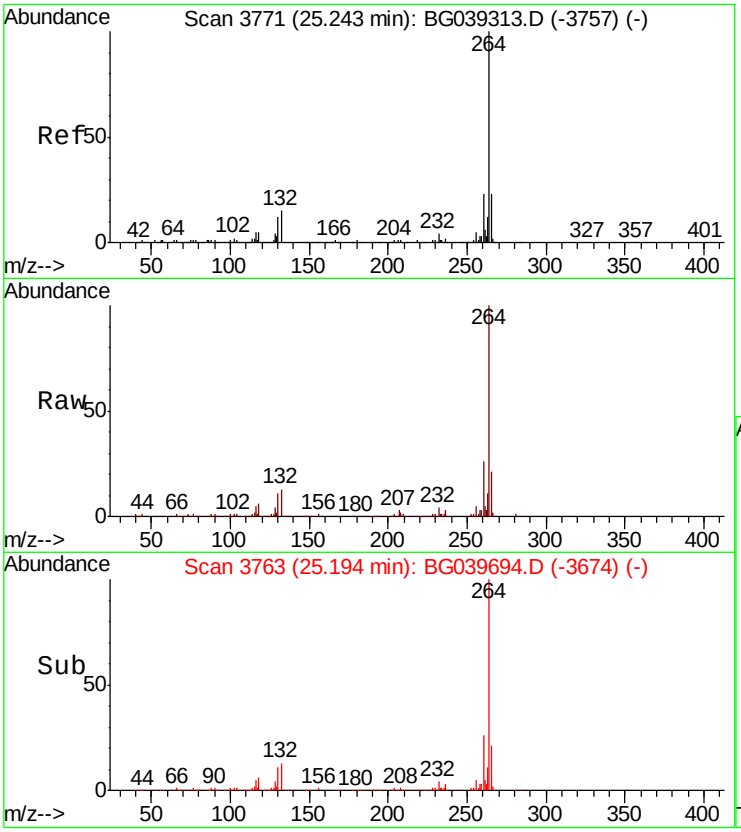




#86
Indeno(1,2,3-cd)pyrene
Concen: 45.901 ng
RT: 29.08 min Scan# 4425
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:276 Resp: 966878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 14.9 | 12.6 | 19.0 |
| 277 | 25.9 | 20.8 | 31.2 |



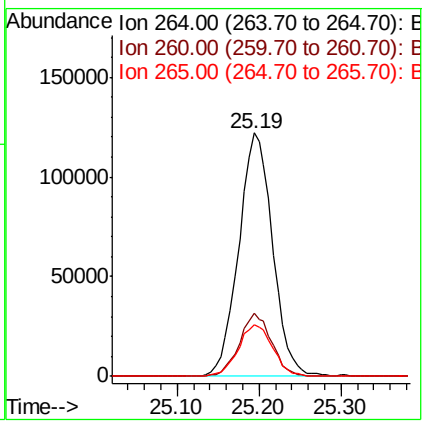


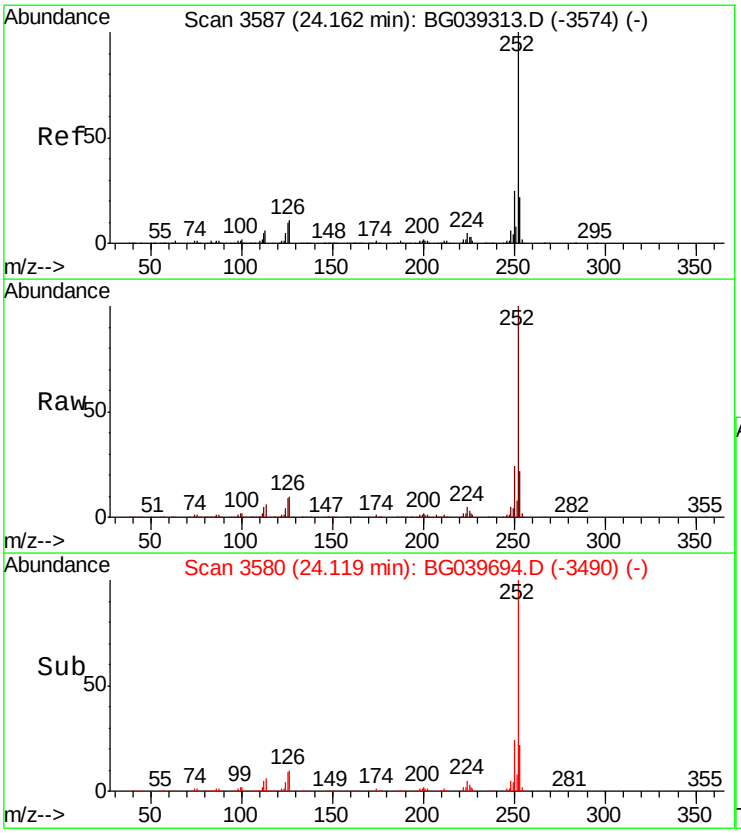

#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:264 Resp: 350663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.8 | 18.2 | 27.4 |
| 265 | 21.1 | 18.5 | 27.7 |

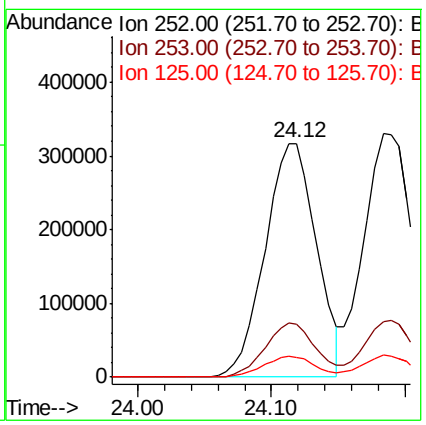


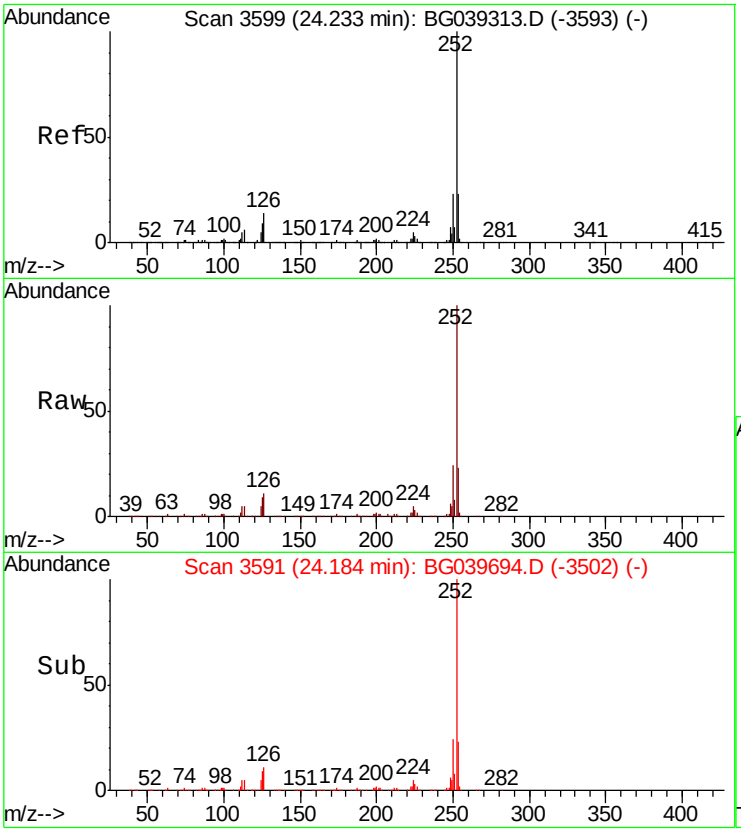




#88
Benzo(b)fluoranthene
Concen: 44.240 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:252 Resp: 846030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.4 | 17.8 | 26.8 |
| 125 | 8.5 | 7.8 | 11.6 |



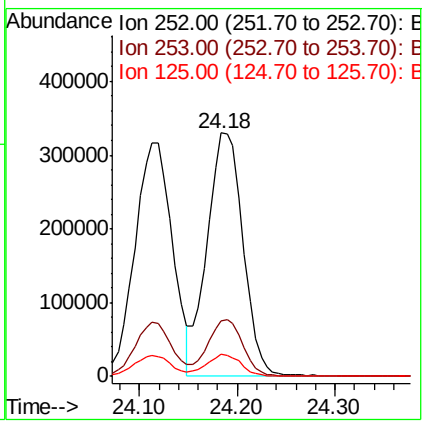


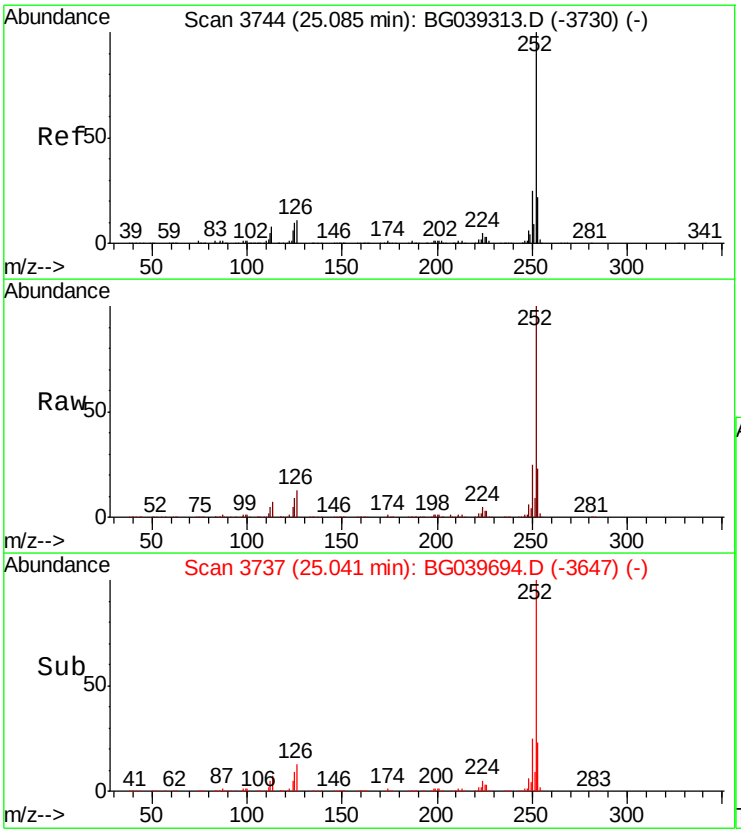

#89
Benzo(k)fluoranthene
Concen: 43.755 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:252 Resp: 840085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 18.2 | 27.2 |
| 125 | 9.2 | 7.4 | 11.2 |

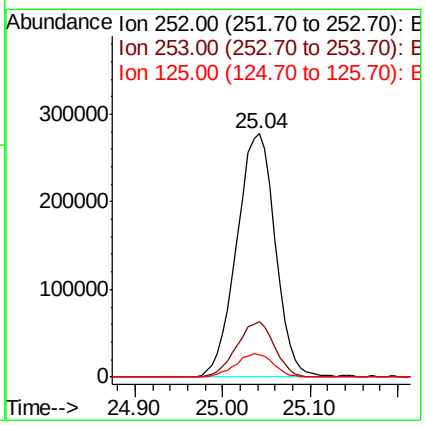


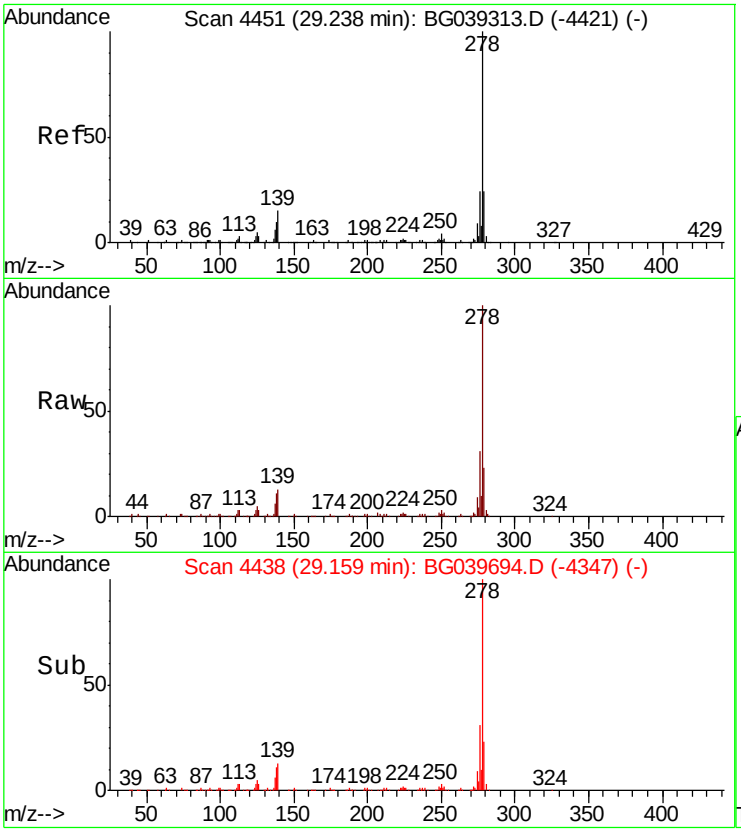




#90
Benzo(a)pyrene
Concen: 45.286 ng
RT: 25.04 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:252 Resp: 834058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.9 | 26.9 |
| 125 | 9.3 | 8.3 | 12.5 |



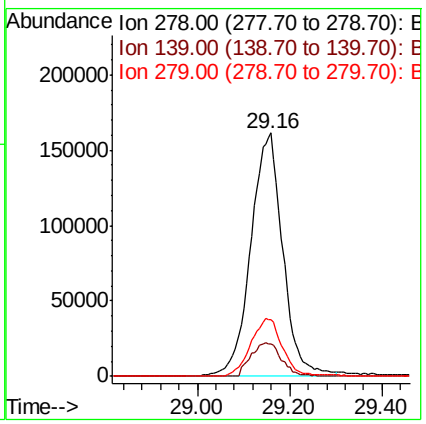


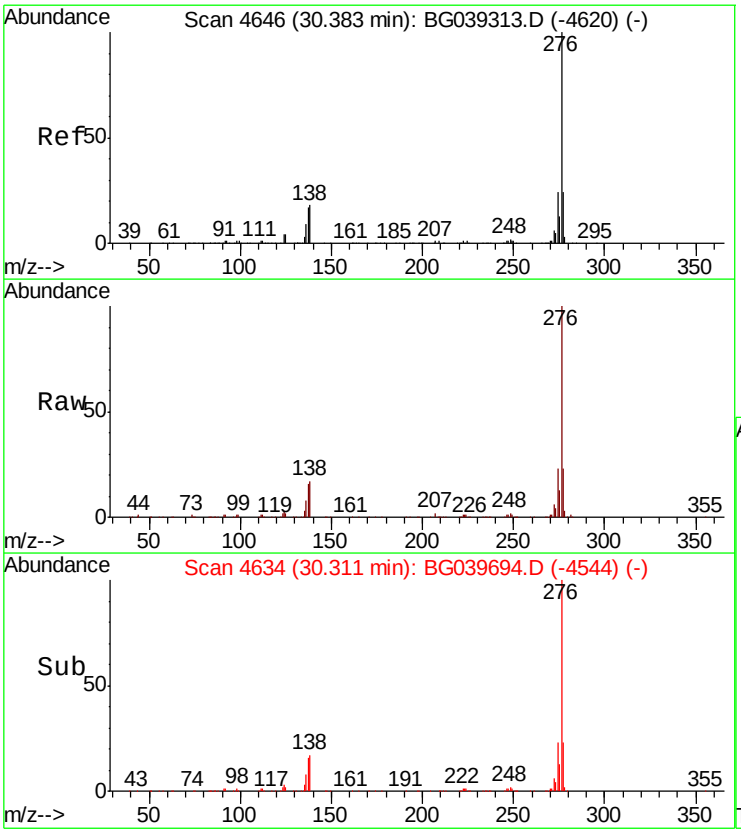

#91
Dibenzo(a,h)anthracene
Concen: 44.993 ng
RT: 29.16 min Scan# 4438
Delta R.T. 0.01 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

**Instrument :**
BNA_G
**ClientSampleId :**
PB117492BS

Tgt Ion:278 Resp: 776032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.4 | 11.7 | 17.5 |
| 279 | 23.2 | 19.1 | 28.7 |




#92
Benzo(g,h,i)perylene
Concen: 45.879 ng
RT: 30.31 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BG039694.D
Acq: 1 Mar 2019 19:41

Tgt Ion:276 Resp: 788720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.8 | 19.6 | 29.4 |
| 138 | 17.2 | 14.7 | 22.1 |