Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045733.D
Acq On : 11 Jun 2020 23:00
Operator : CG/JU
Sample : L2810-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CL-02-060920MSD

Quant Time: Jun 12 02:31:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.94 | 152 | 45768 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.75 | 136 | 182459 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.59 | 164 | 139195 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.34 | 188 | 336767 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.60 | 240 | 304156 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 24.73 | 264 | 341711 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.53 | 112 | 352131 | 150.36 | ng | | 0.00 |
| 7) Phenol-d6 | 7.13 | 99 | 462682 | 138.81 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 9.11 | 82 | 378450 | 113.11 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.09 | 330 | 298590 | 167.73 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.21 | 172 | 870711 | 106.10 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.95 | 244 | 1565104 | 120.01 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.40 | 88 | 45505 | 39.184 | ng | # | 61 |
| 3) Pyridine | 3.81 | 79 | 120996 | 37.409 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.71 | 42 | 59173 | 55.909 | ng | | 82 |
| 6) Aniline | 7.27 | 93 | 155596 | 35.759 | ng | | 100 |
| 8) 2-Chlorophenol | 7.52 | 128 | 147709 | 57.515 | ng | | 99 |
| 9) Benzaldehyde | 7.08 | 77 | 87250 | 40.176 | ng | | 98 |
| 10) Phenol | 7.16 | 94 | 169218 | 49.258 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 7.36 | 93 | 139706 | 52.137 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.83 | 146 | 155622 | 50.424 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.98 | 146 | 158666 | 52.095 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 8.30 | 146 | 150411 | 51.346 | ng | | 95 |
| 15) Benzyl Alcohol | 8.19 | 79 | 160802 | 58.398 | ng | | 93 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.47 | 45 | 130256 | 51.210 | ng | | 100 |
| 17) 2-Methylphenol | 8.41 | 107 | 134719 | 52.392 | ng | | 98 |
| 18) Hexachloroethane | 9.03 | 117 | 58311 | 49.988 | ng | | 88 |
| 19) n-Nitroso-di-n-propylamine | 8.75 | 70 | 135396 | 58.741 | ng | | 95 |
| 20) 3+4-Methylphenols | 8.74 | 107 | 179392 | 51.233 | ng | | 94 |
| 22) Acetophenone | 8.77 | 105 | 236859 | 54.772 | ng | # | 97 |
| 24) Nitrobenzene | 9.15 | 77 | 212289 | 59.219 | ng | | 96 |
| 25) Isophorone | 9.67 | 82 | 373569 | 56.692 | ng | | 99 |
| 26) 2-Nitrophenol | 9.86 | 139 | 87562 | 57.099 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 9.94 | 122 | 140102 | 61.598 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 10.15 | 93 | 200829 | 58.115 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.41 | 162 | 157358 | 58.587 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.61 | 180 | 170735 | 53.796 | ng | | 98 |
| 31) Naphthalene | 10.80 | 128 | 474240 | 55.777 | ng | | 99 |
| 32) Benzoic acid | 10.11 | 122 | 57548 | 39.457 | ng | | 93 |
| 33) 4-Chloroaniline | 10.92 | 127 | 42422 | 11.936 | ng | | 94 |
| 34) Hexachlorobutadiene | 11.09 | 225 | 116891 | 52.104 | ng | | 97 |
| 35) Caprolactam | 11.69 | 113 | 26908 | 27.294 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 12.06 | 107 | 192796 | 63.702 | ng | | 93 |
| 37) 2-Methylnaphthalene | 12.41 | 142 | 369729 | 58.343 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.41 | 142 | 369729 | 61.763 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.78 | 216 | 205753 | 52.921 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045733.D
Acq On : 11 Jun 2020 23:00
Operator : CG/JU
Sample : L2810-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** CL-02-060920MSD

Quant Time: Jun 12 02:31:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.76 | 237 | 210630 | 93.862 ng | 98 |
| 43) 2,4,6-Trichlorophenol | 13.03 | 196 | 147998 | 54.798 ng | 98 |
| 44) 2,4,5-Trichlorophenol | 13.11 | 196 | 156610 | 50.743 ng | 98 |
| 46) 1,1'-Biphenyl | 13.42 | 154 | 469015 | 54.837 ng | 99 |
| 47) 2-Chloronaphthalene | 13.46 | 162 | 369650 | 53.223 ng | 99 |
| 48) 2-Nitroaniline | 13.67 | 65 | 123642 | 54.120 ng | 94 |
| 49) Acenaphthylene | 14.31 | 152 | 615017 | 55.129 ng | 97 |
| 50) Dimethylphthalate | 14.04 | 163 | 635657 | 66.570 ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.16 | 165 | 118811 | 55.141 ng | 98 |
| 52) Acenaphthene | 14.65 | 154 | 370378 | 49.599 ng | 97 |
| 53) 3-Nitroaniline | 14.50 | 138 | 57474 | 26.240 ng | 95 |
| 54) 2,4-Dinitrophenol | 14.71 | 184 | 139823 | 97.763 ng | 94 |
| 55) Dibenzofuran | 14.99 | 168 | 600062 | 54.111 ng | 96 |
| 56) 4-Nitrophenol | 14.84 | 139 | 140349 | 84.635 ng | 88 |
| 57) 2,4-Dinitrotoluene | 14.96 | 165 | 168874 | 54.117 ng | 98 |
| 58) Fluorene | 15.64 | 166 | 510299 | 56.012 ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.22 | 232 | 153539 | 56.547 ng | 99 |
| 60) Diethylphthalate | 15.41 | 149 | 543650 | 54.701 ng | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.63 | 204 | 286933 | 55.038 ng | 99 |
| 62) 4-Nitroaniline | 15.66 | 138 | 106417 | 46.539 ng | 95 |
| 63) Azobenzene | 15.92 | 77 | 521416 | 56.265 ng | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.72 | 198 | 110565 | 56.373 ng | 90 |
| 66) n-Nitrosodiphenylamine | 15.85 | 169 | 458436 | 56.697 ng | 94 |
| 67) 4-Bromophenyl-phenylether | 16.52 | 248 | 197802 | 54.242 ng | 99 |
| 68) Hexachlorobenzene | 16.65 | 284 | 217495 | 57.024 ng | 97 |
| 69) Atrazine | 16.80 | 200 | 177646 | 53.340 ng | 95 |
| 70) Pentachlorophenol | 17.00 | 266 | 212477 | 107.289 ng | 98 |
| 71) Phenanthrene | 17.38 | 178 | 838543 | 57.037 ng | 99 |
| 72) Anthracene | 17.47 | 178 | 853540 | 57.812 ng | 100 |
| 73) Carbazole | 17.74 | 167 | 786289 | 54.636 ng | 99 |
| 74) Di-n-butylphthalate | 18.30 | 149 | 943773 | 54.638 ng | 100 |
| 75) Fluoranthene | 19.39 | 202 | 1035537 | 55.377 ng | 99 |
| 77) Benzidine | 19.57 | 184 | 383310 | 44.872 ng | 99 |
| 78) Pyrene | 19.75 | 202 | 1025703 | 59.159 ng | 99 |
| 80) Butylbenzylphthalate | 20.64 | 149 | 410273 | 54.822 ng | 96 |
| 81) Benzo(a)anthracene | 21.58 | 228 | 953789 | 56.292 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.49 | 252 | 184335 | 27.735 ng | 100 |
| 83) Chrysene | 21.64 | 228 | 927450 | 56.927 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.49 | 149 | 563876 | 54.813 ng | 98 |
| 85) Di-n-octyl phthalate | 22.67 | 149 | 982804 | 55.624 ng | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.31 | 276 | 1228819 | 57.679 ng | 98 |
| 88) Benzo(b)fluoranthene | 23.74 | 252 | 1057034 | 57.678 ng | 99 |
| 89) Benzo(k)fluoranthene | 23.81 | 252 | 1004810 | 58.360 ng | 98 |
| 90) Benzo(a)pyrene | 24.59 | 252 | 959196 | 56.199 ng | 99 |
| 91) Dibenzo(a,h)anthracene | 28.37 | 278 | 998195 | 58.199 ng | 98 |
| 92) Benzo(g,h,i)perylene | 29.42 | 276 | 997606 | 58.157 ng | 99 |

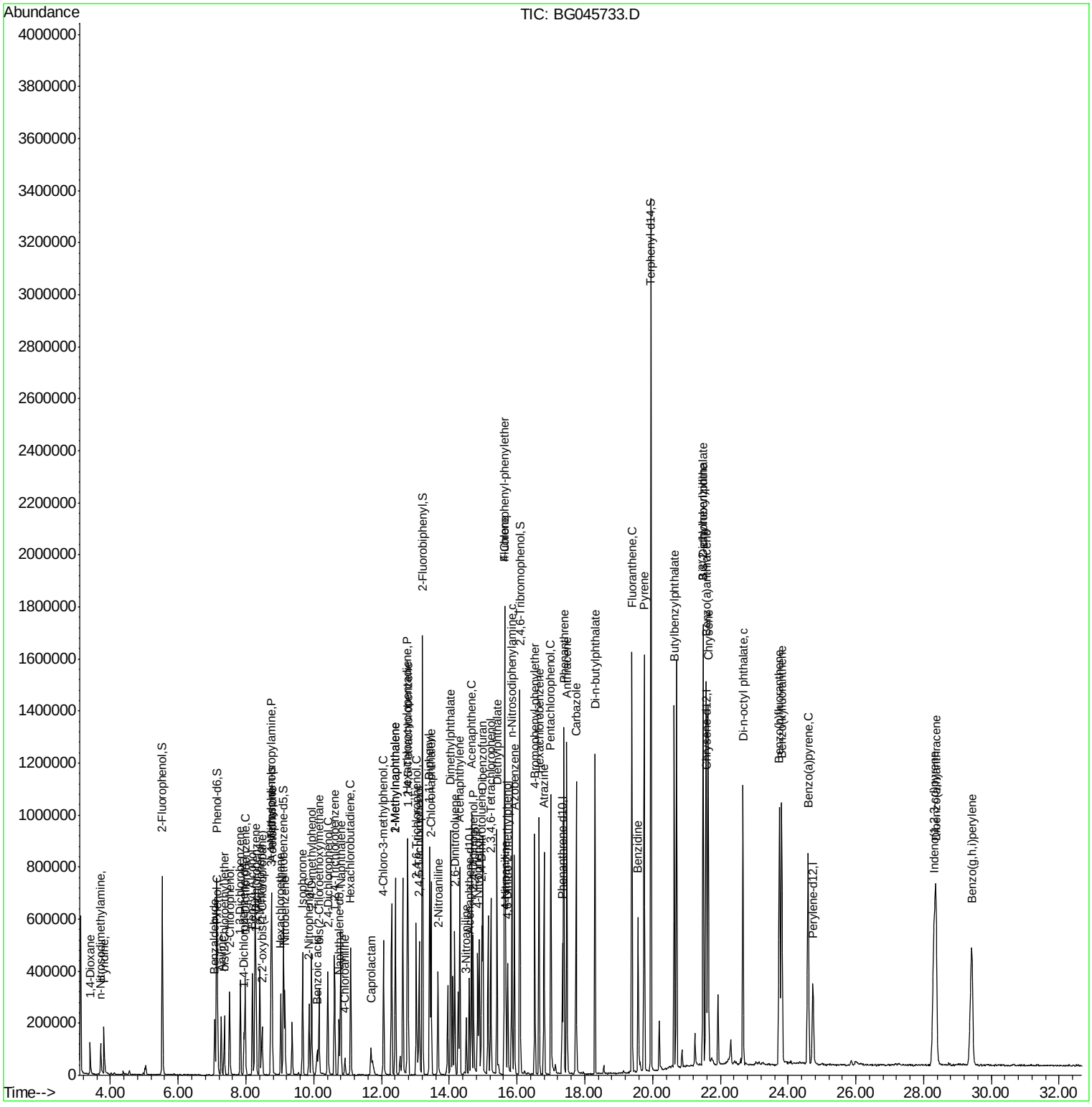
(#) = qualifier out of range (m) = manual integration (+) = signals summed

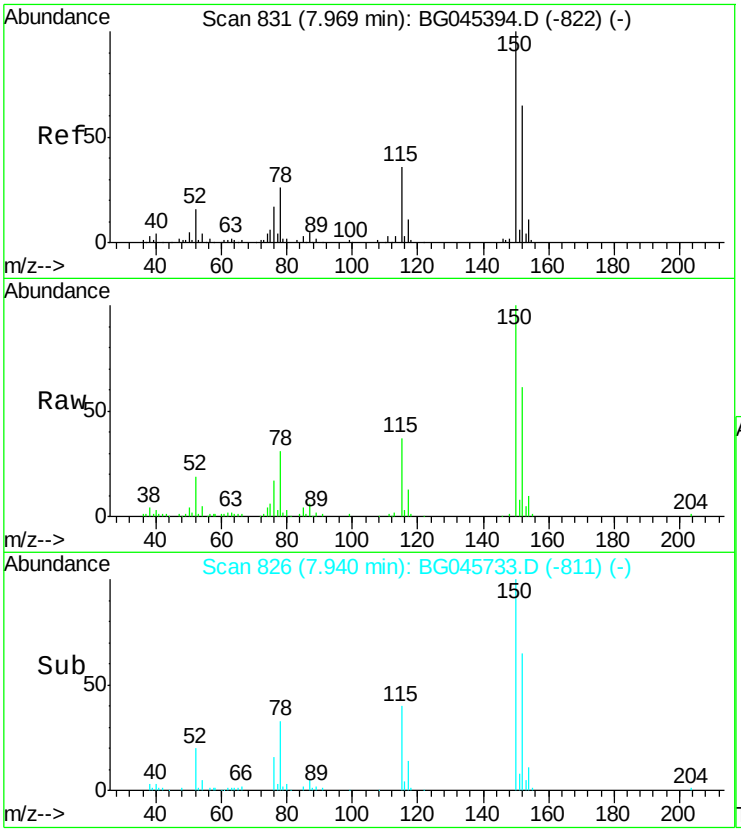
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045733.D
Acq On : 11 Jun 2020 23:00
Operator : CG/JU
Sample : L2810-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Quant Time: Jun 12 02:31:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration



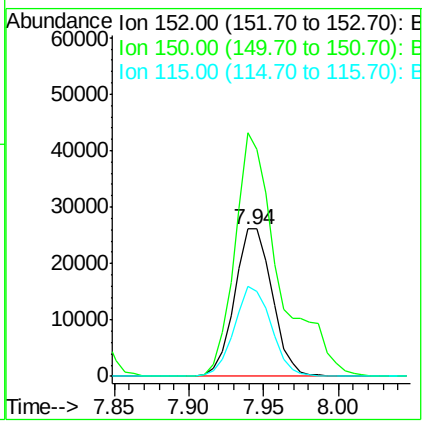


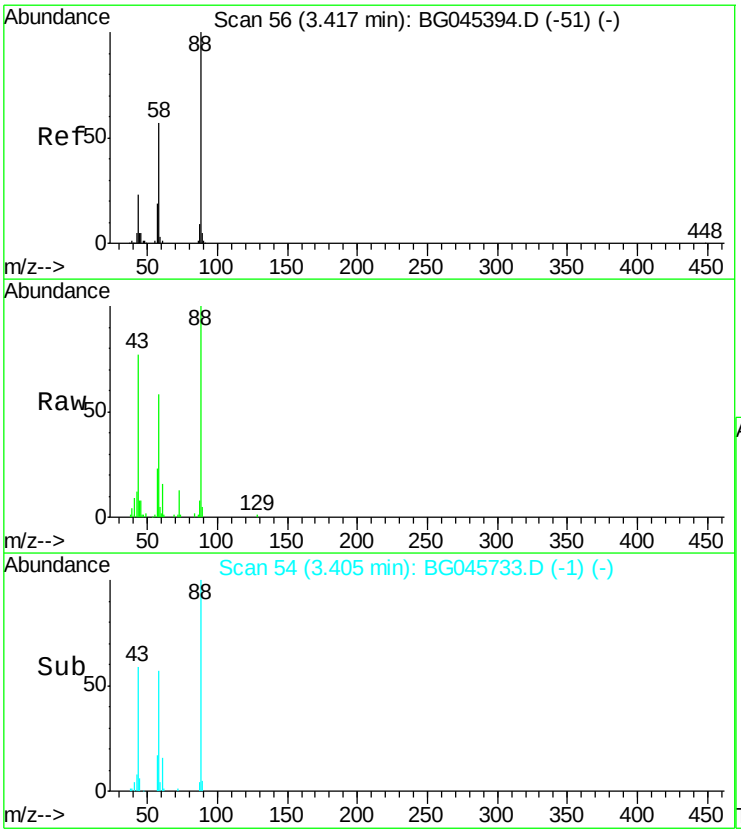

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:152 Resp: 45768

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 165.1 | 122.4 | 183.6 |
| 115 | 61.4 | 44.2 | 66.4 |

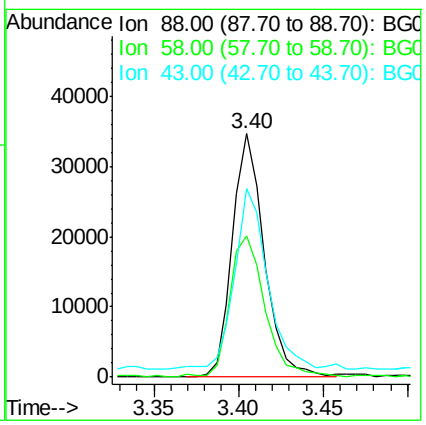


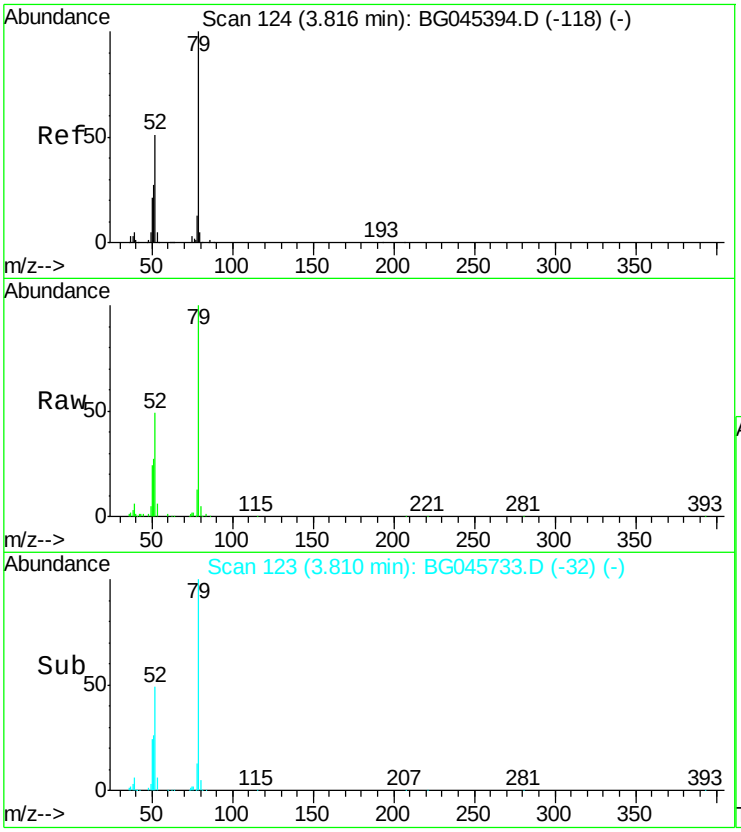




#2
1,4-Dioxane
Concen: 39.184 ng
RT: 3.40 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion: 88 Resp: 45505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 63.9 | 45.7 | 68.5 |
| 43 | 77.0 | 16.8 | 25.2# |



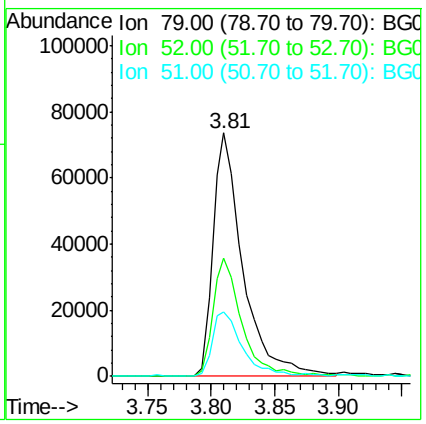


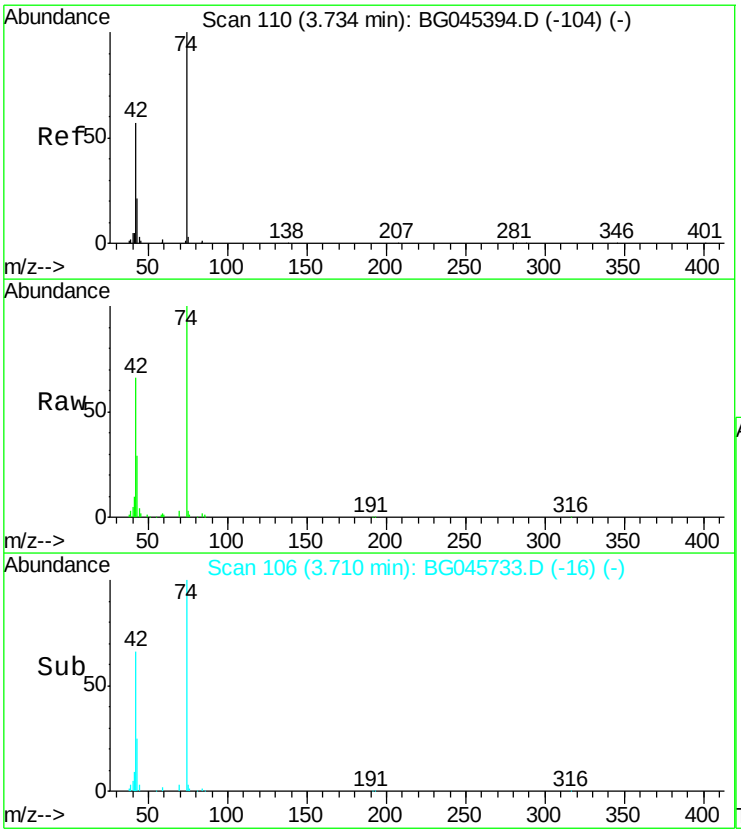

#3
Pyridine
Concen: 37.409 ng
RT: 3.81 min Scan# 123
Delta R.T. 0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion: 79 Resp: 120996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 48.6 | 40.8 | 61.2 |
| 51 | 26.5 | 21.9 | 32.9 |

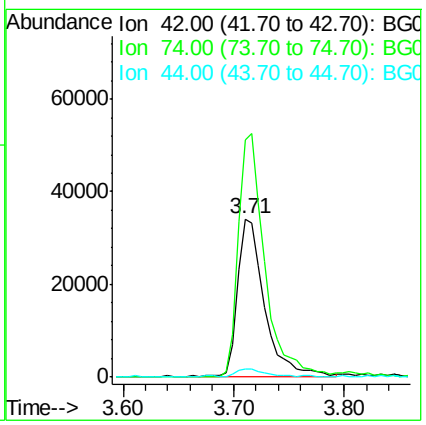


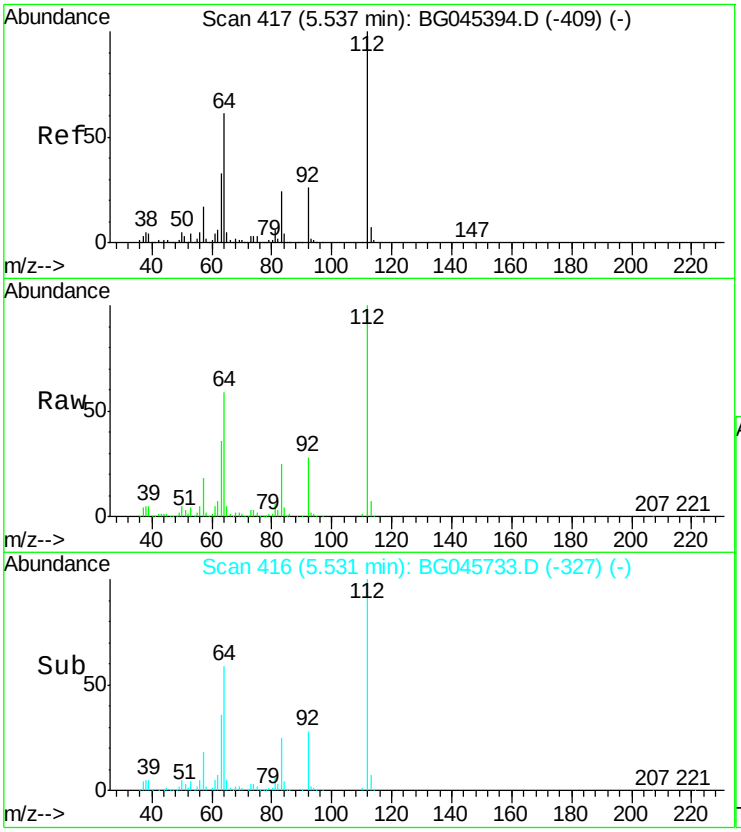




#4
n-Nitrosodimethylamine
Concen: 55.909 ng
RT: 3.71 min Scan# 106
Delta R.T. 0.00 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion: 42 Resp: 59173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 150.6 | 141.3 | 211.9 |
| 44 | 5.3 | 4.2 | 6.4 |



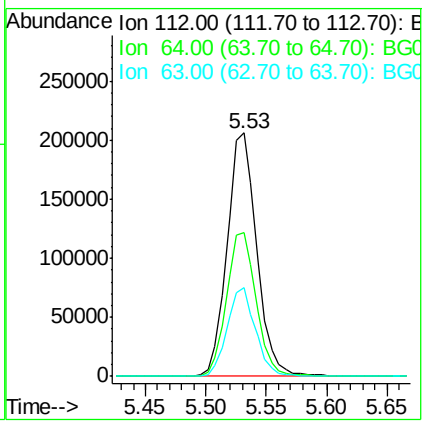


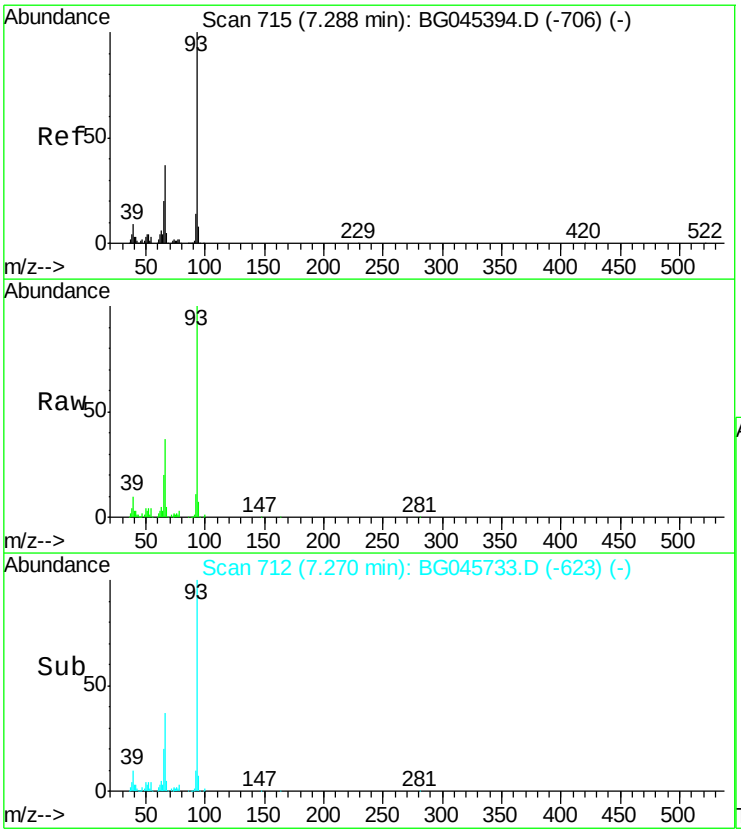

#5
2-Fluorophenol
Concen: 150.360 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:112 Resp: 352131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.1 | 48.6 | 72.8 |
| 63 | 36.2 | 26.5 | 39.7 |

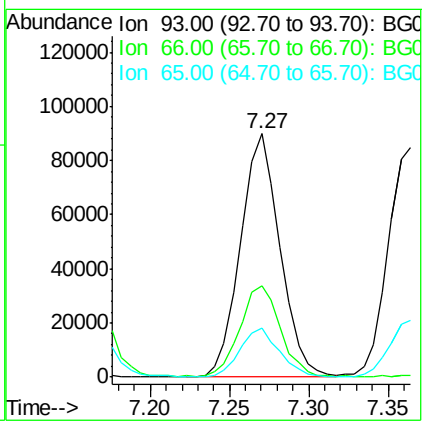


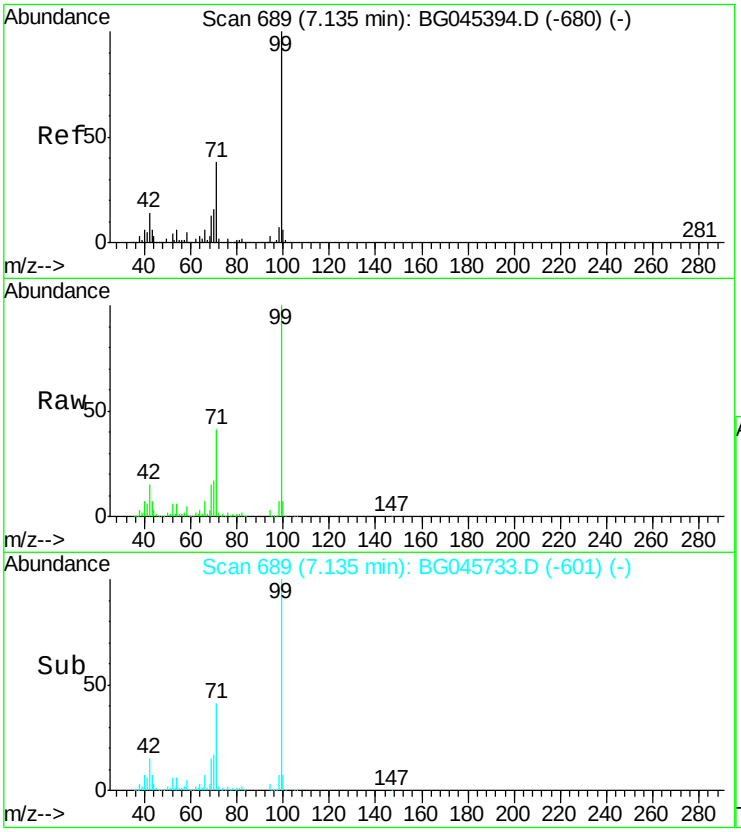




#6
Aniline
Concen: 35.759 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion: 93 Resp: 155596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 37.3 | 29.6 | 44.4 |
| 65 | 19.9 | 15.9 | 23.9 |



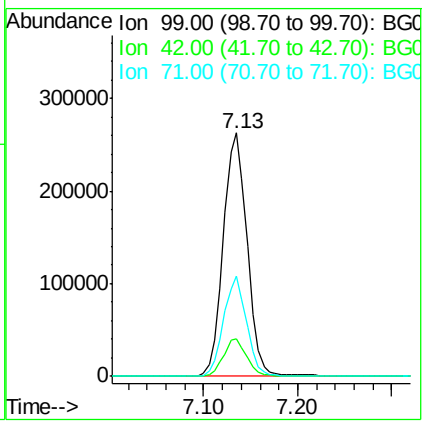


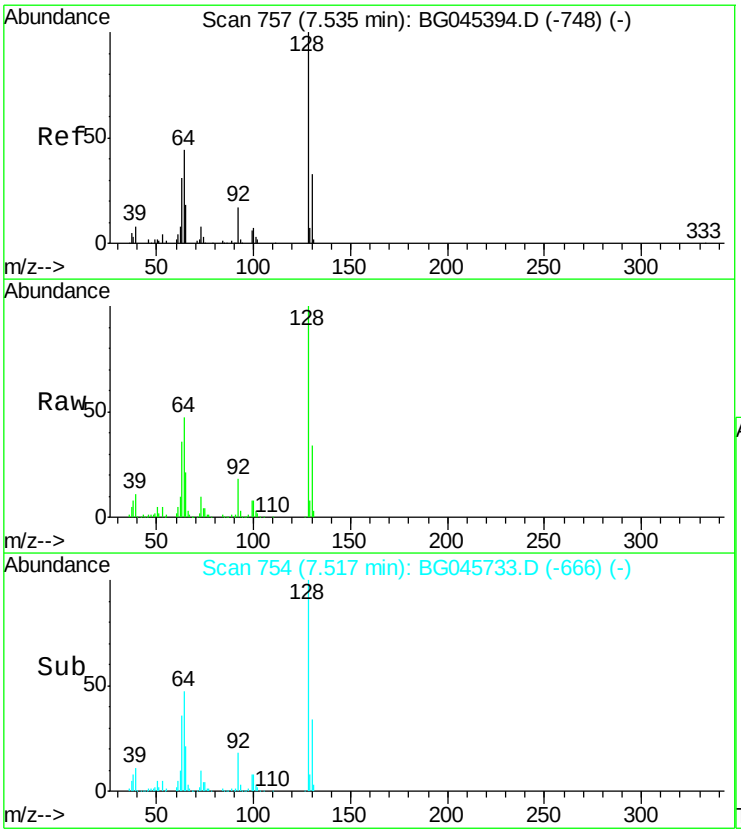

#7
Phenol-d6
Concen: 138.808 ng
RT: 7.13 min Scan# 689
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion: 99 Resp: 462682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.3 | 11.3 | 16.9 |
| 71 | 41.1 | 30.8 | 46.2 |

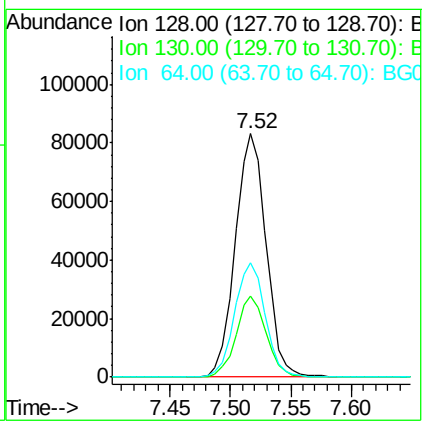


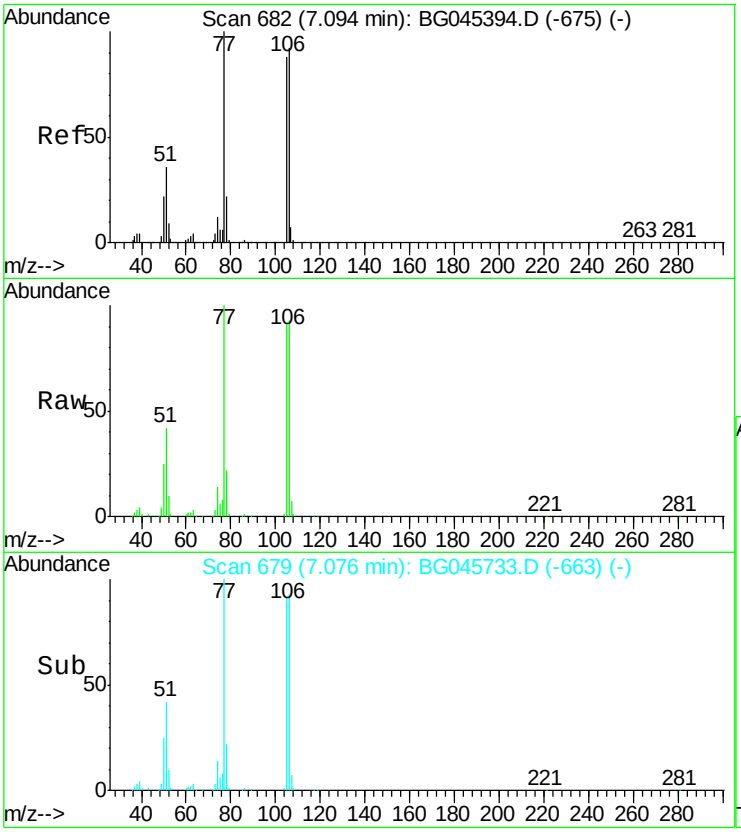




#8
2-Chlorophenol
Concen: 57.515 ng
RT: 7.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:128 Resp: 147709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.5 | 12.6 | 52.6 |
| 64 | 46.7 | 27.0 | 67.0 |



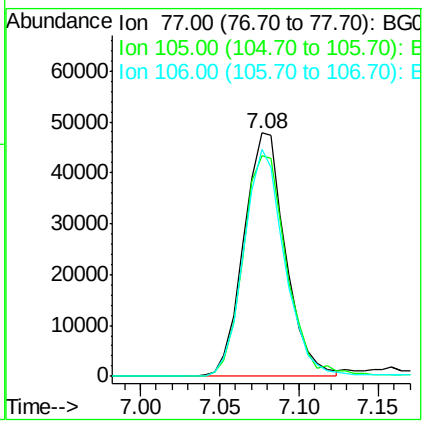


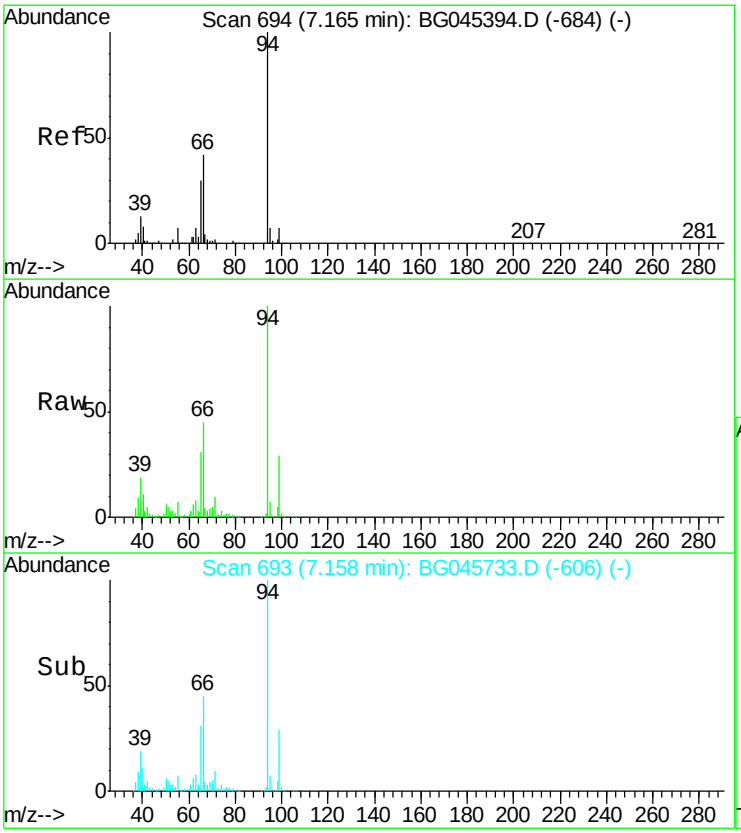

#9
Benzaldehyde
Concen: 40.176 ng
RT: 7.08 min Scan# 679
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion: 77 Resp: 87250

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 90.7 | 68.5 | 108.5 |
| 106 | 93.0 | 71.6 | 111.6 |

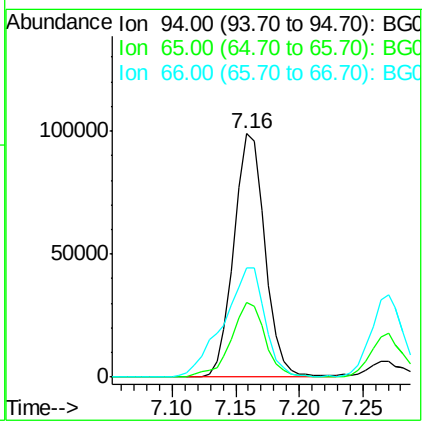


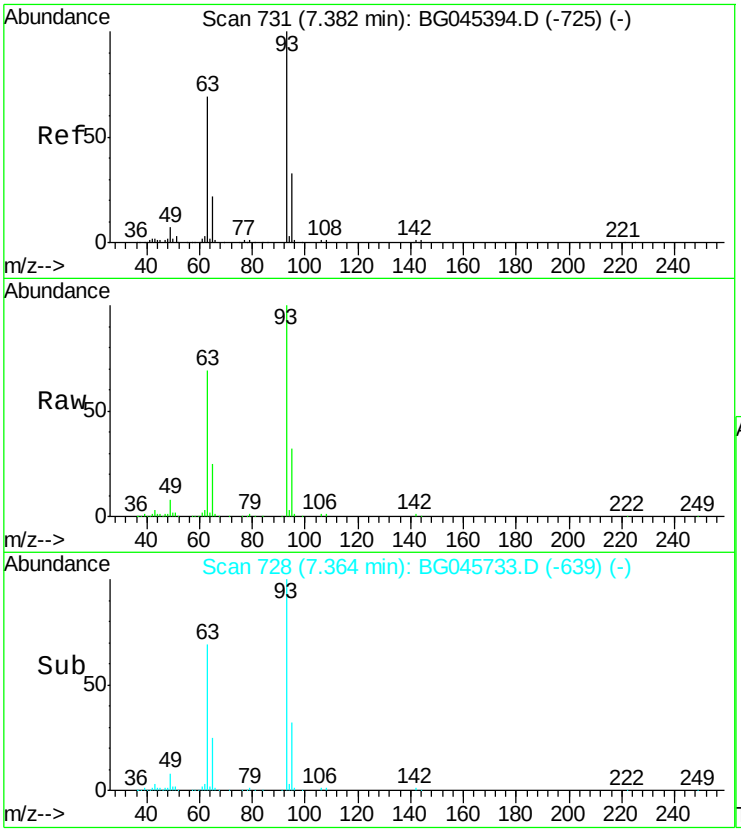




#10
Phenol
Concen: 49.258 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion: 94 Resp: 169218

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.5 | 9.8 | 49.8 |
| 66 | 45.0 | 22.0 | 62.0 |



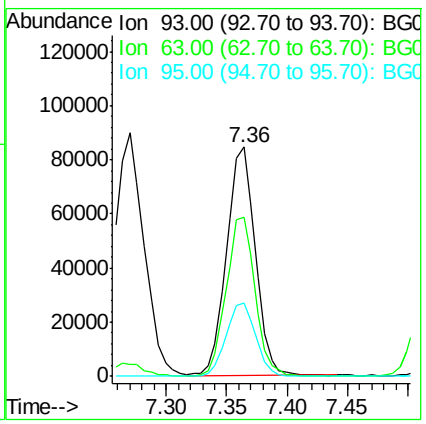


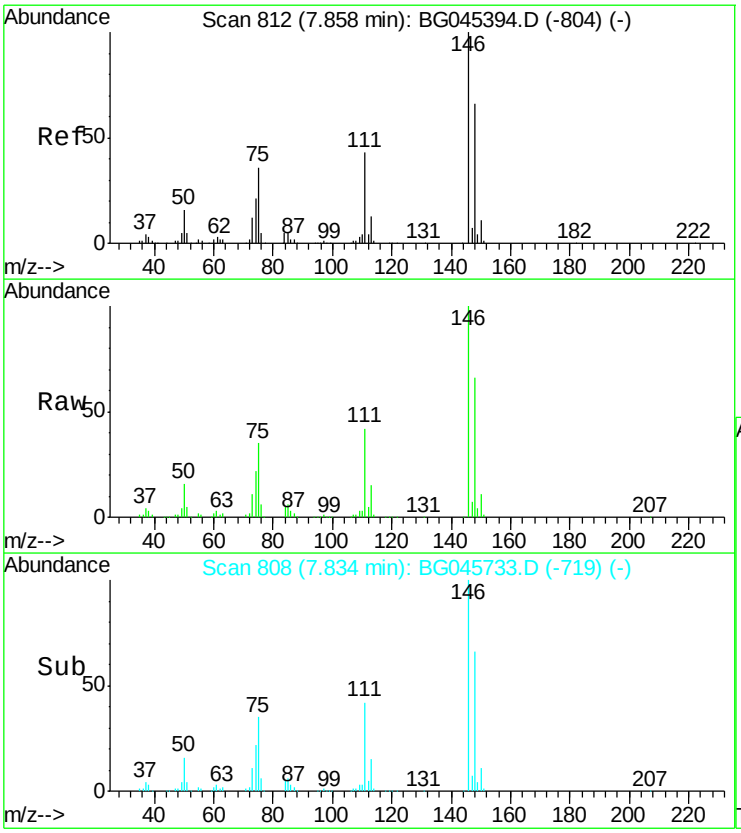

#11
bis(2-Chloroethyl)ether
Concen: 52.137 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion: 93 Resp: 139706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 69.2 | 48.4 | 88.4 |
| 95 | 31.8 | 12.4 | 52.4 |

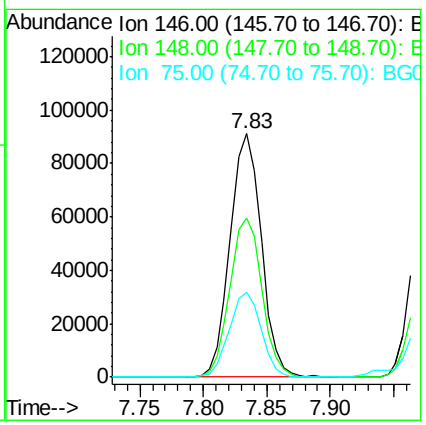


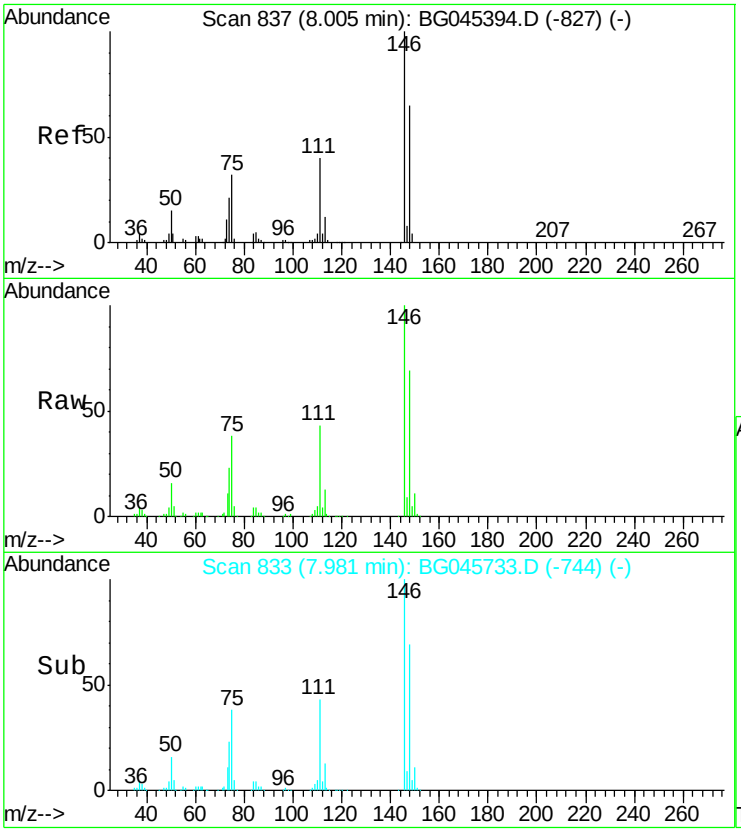




#12
1,3-Dichlorobenzene
Concen: 50.424 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:146 Resp: 155622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.5 | 53.2 | 79.8 |
| 75 | 34.9 | 28.6 | 43.0 |



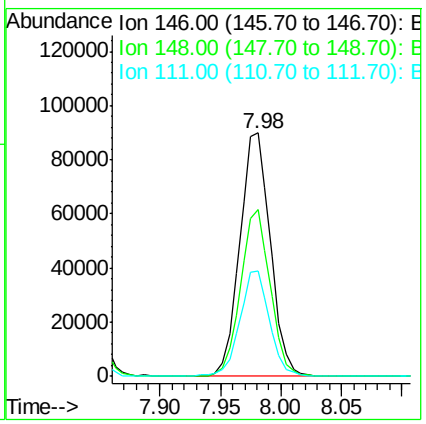


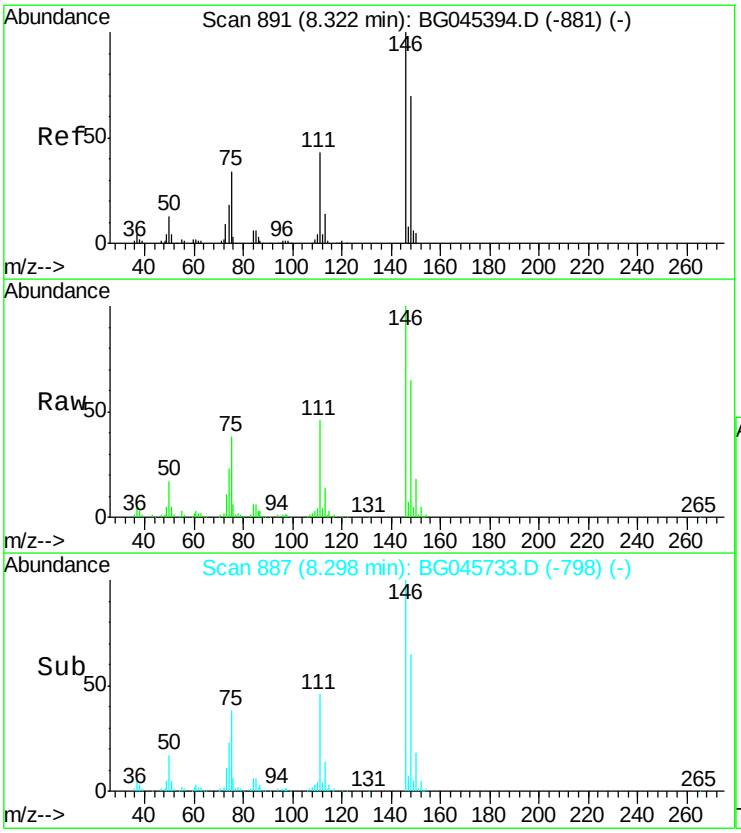

#13
1,4-Dichlorobenzene
Concen: 52.095 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:146 Resp: 158666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 68.6 | 51.8 | 77.8 |
| 111 | 43.2 | 32.1 | 48.1 |

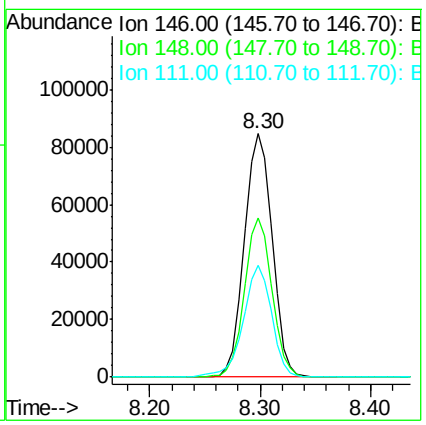


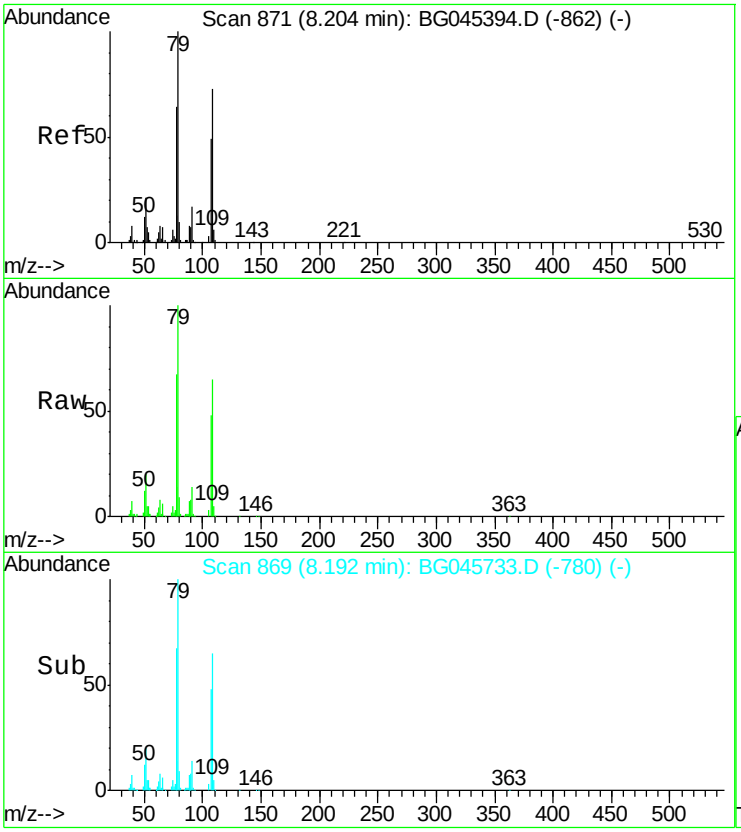




#14
1,2-Dichlorobenzene
Concen: 51.346 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:146 Resp: 150411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.4 | 55.9 | 83.9 |
| 111 | 46.2 | 35.0 | 52.4 |



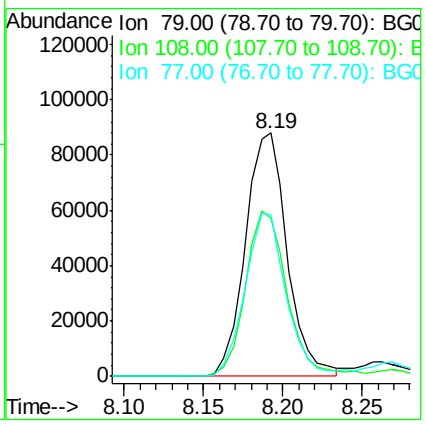


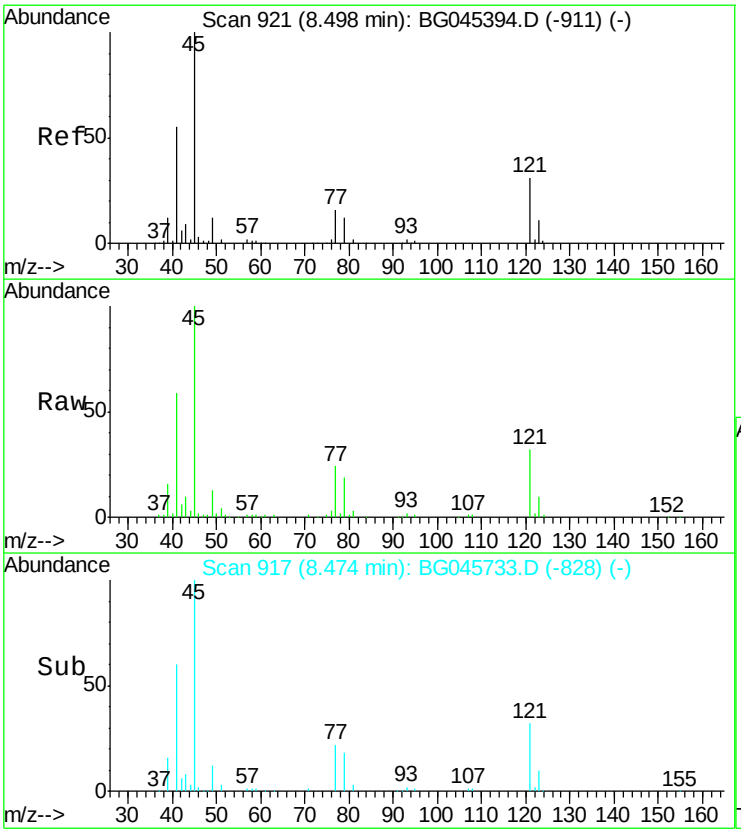

#15
Benzyl Alcohol
Concen: 58.398 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion: 79 Resp: 160802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 64.9 | 58.2 | 87.4 |
| 77 | 66.5 | 51.0 | 76.4 |

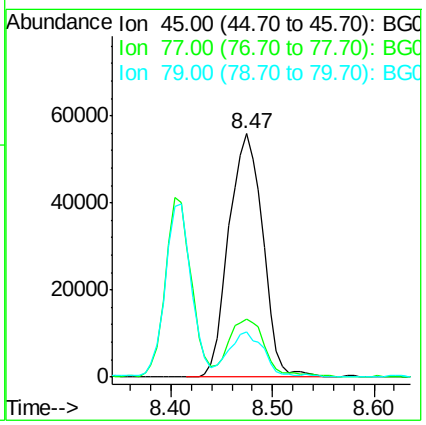


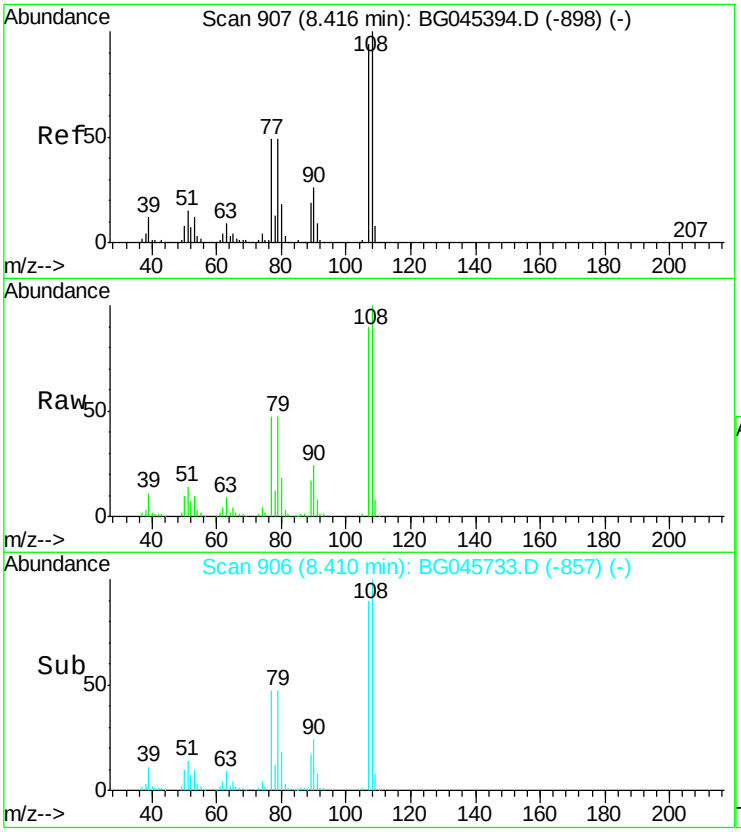




#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.210 ng
RT: 8.47 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion: 45 Resp: 130256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 23.7 | 4.0 | 44.0 |
| 79 | 18.6 | 0.0 | 38.6 |



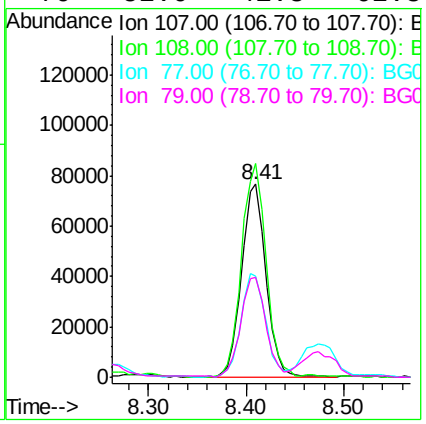


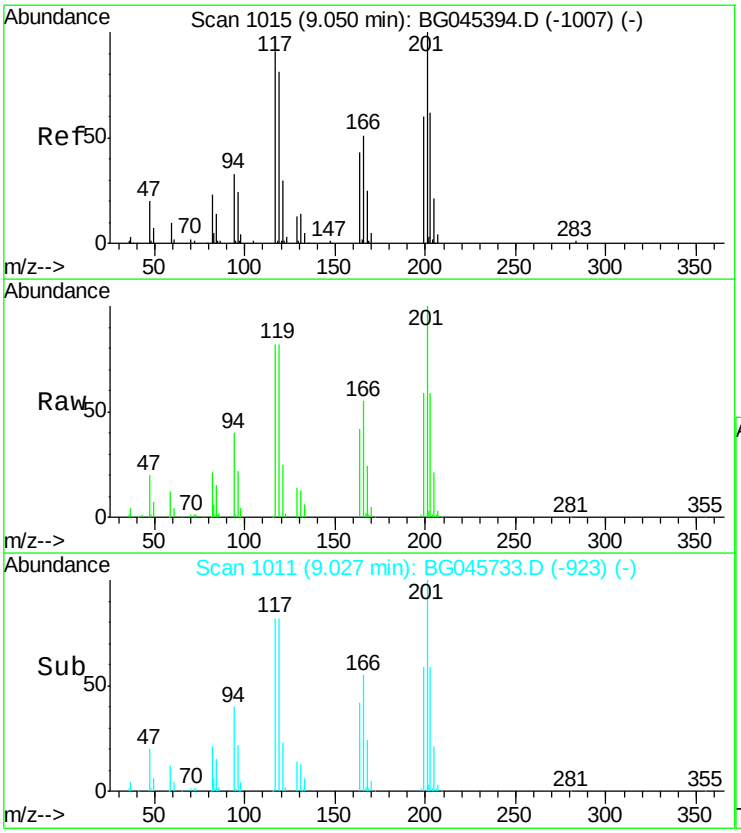

#17
2-Methylphenol
Concen: 52.392 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:107 Resp: 134719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 110.8 | 85.2 | 127.8 |
| 77 | 52.2 | 41.6 | 62.4 |
| 79 | 52.0 | 41.8 | 62.8 |

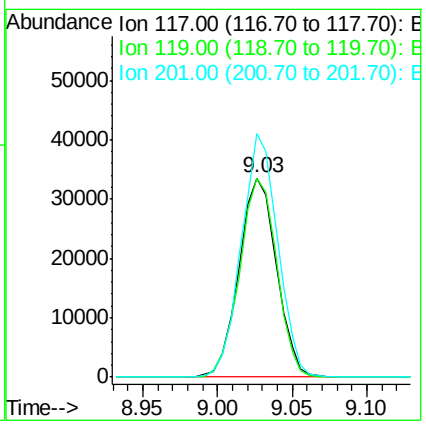


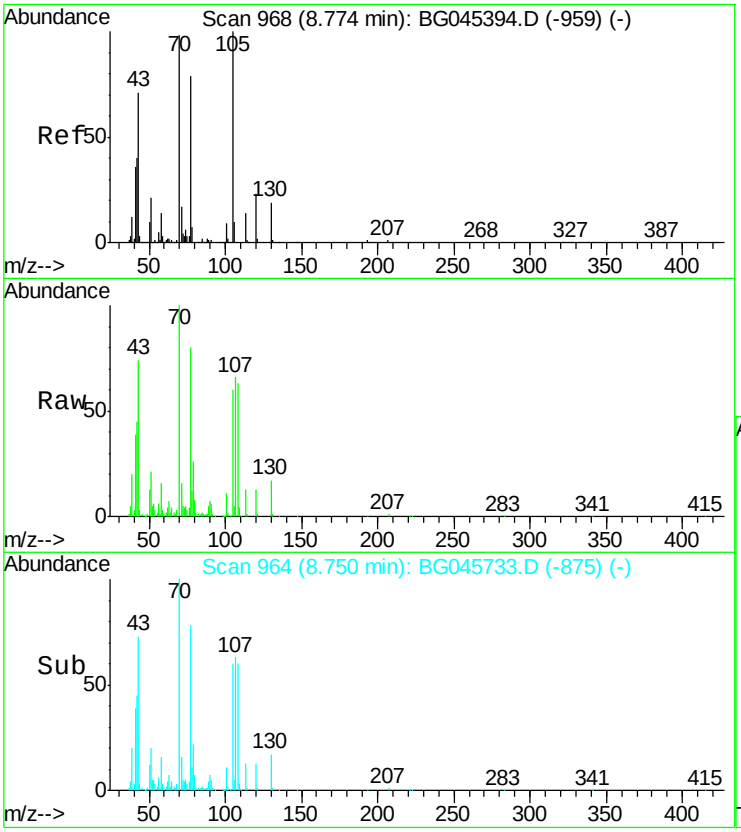




#18
Hexachloroethane
Concen: 49.988 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:117 Resp: 58311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 100.0 | 71.3 | 106.9 |
| 201 | 122.5 | 87.5 | 131.3 |



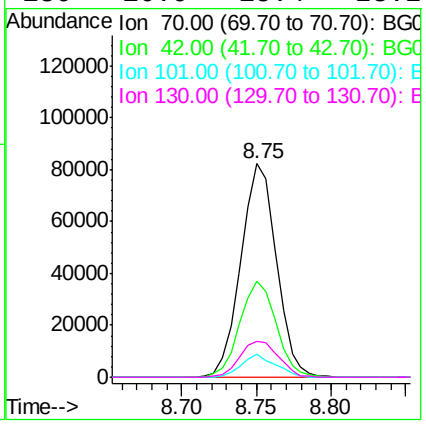


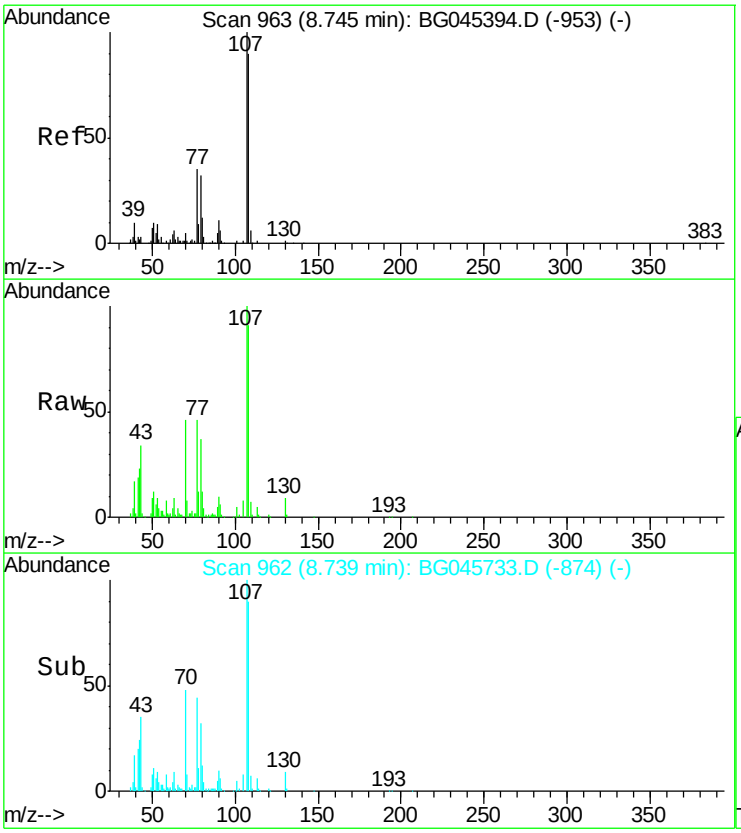

#19
n-Nitroso-di-n-propylamine
Concen: 58.741 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion: 70 Resp: 135396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 45.1 | 33.2 | 49.8 |
| 101 | 10.6 | 7.8 | 11.6 |
| 130 | 16.9 | 15.4 | 23.2 |

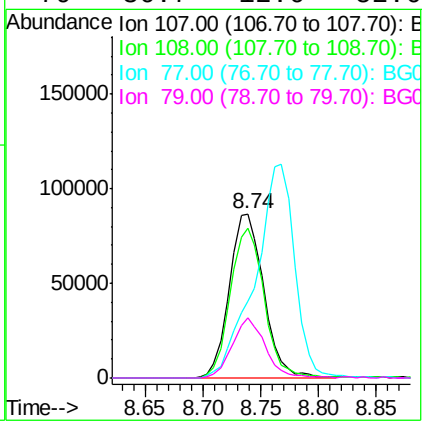


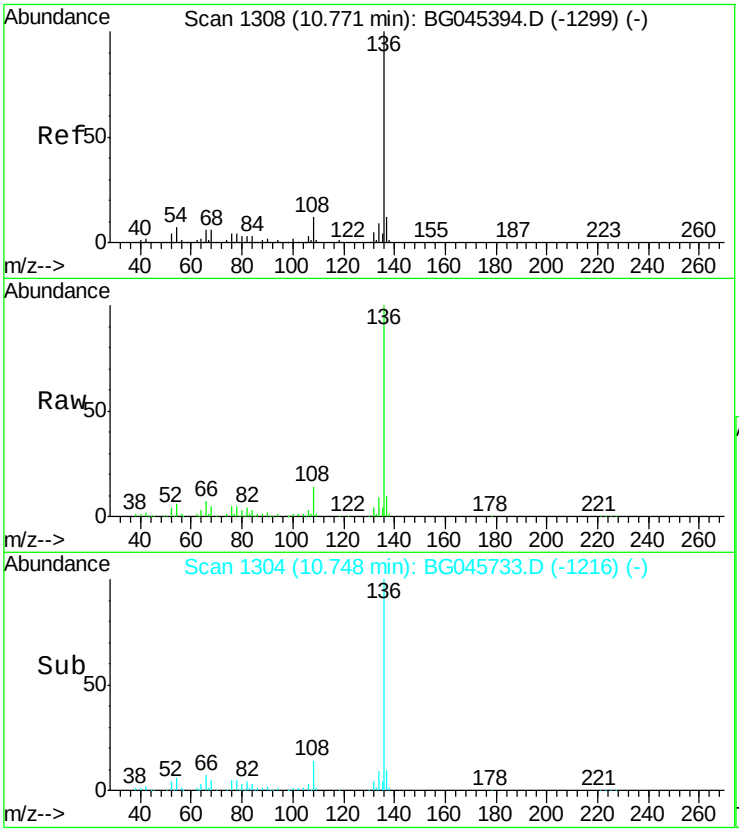




#20
3+4-Methylphenols
Concen: 51.233 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:107 Resp: 179392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.2 | 70.3 | 110.3 |
| 77 | 46.5 | 15.4 | 55.4 |
| 79 | 36.7 | 12.6 | 52.6 |



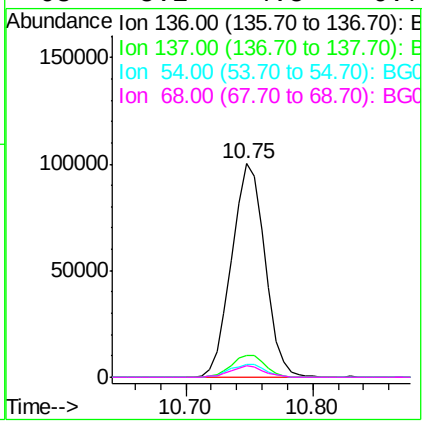


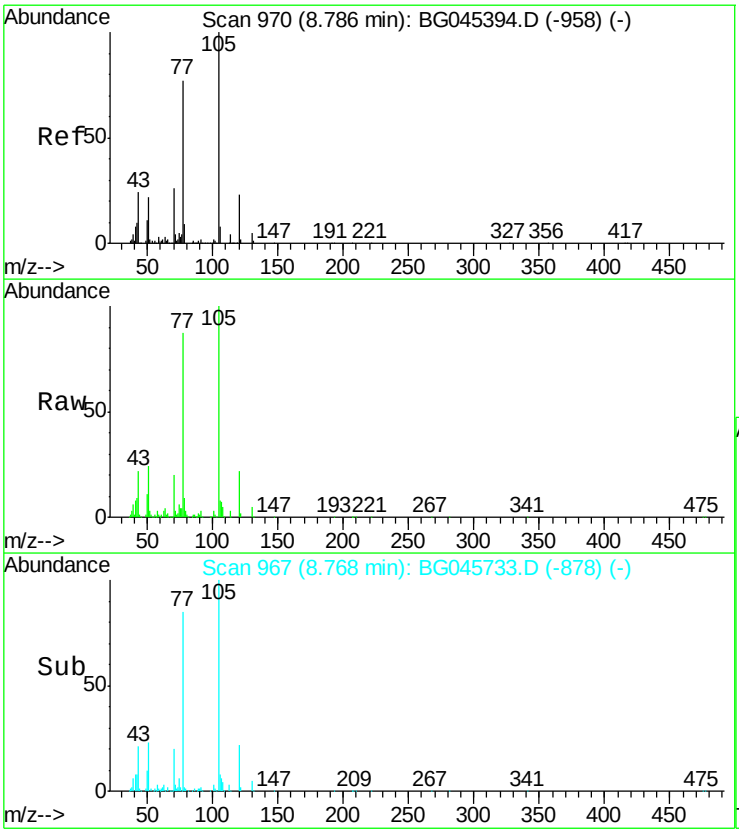

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:136 Resp: 182459

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 9.4 | 14.2 |
| 54 | 5.9 | 5.8 | 8.6 |
| 68 | 5.2 | 4.5 | 6.7 |

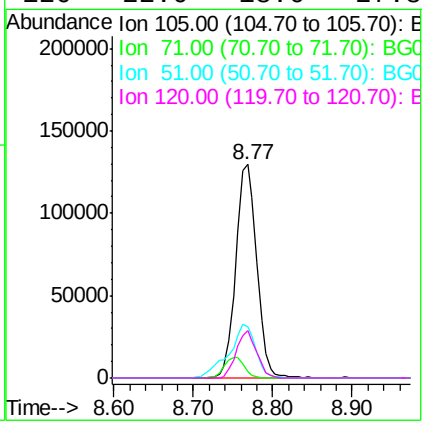


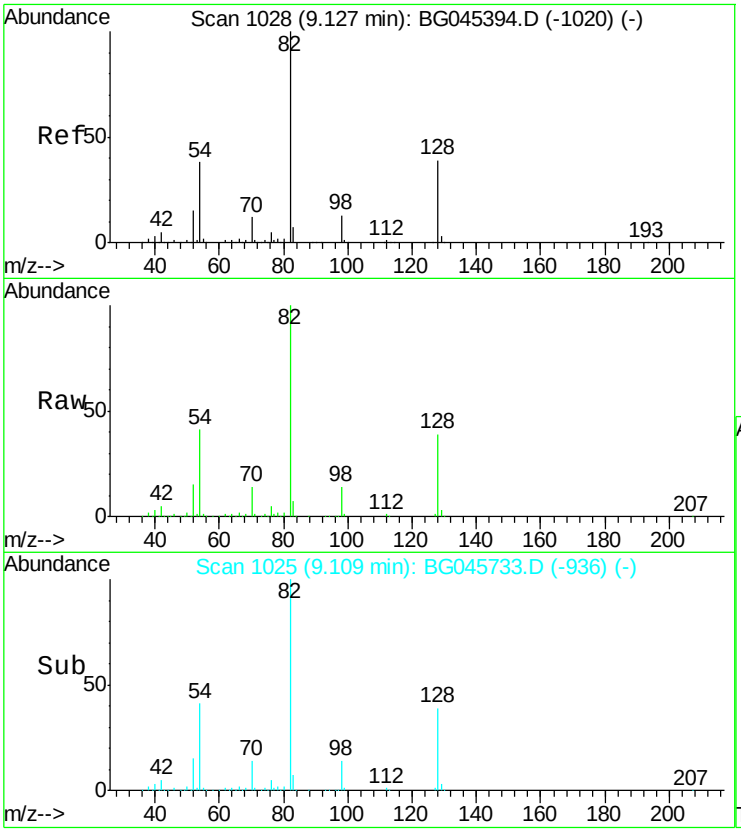




#22
Acetophenone
Concen: 54.772 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:105 Resp: 236859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 2.8 | 3.4 | 5.0# |
| 51 | 23.8 | 18.2 | 27.2 |
| 120 | 22.0 | 18.6 | 27.8 |



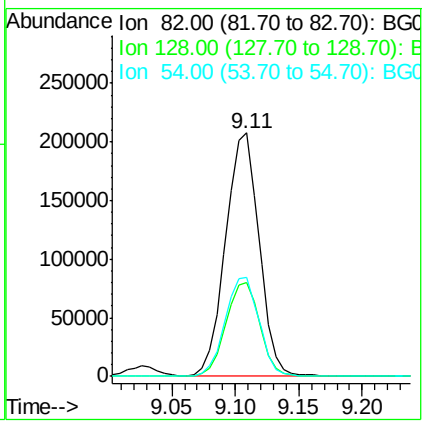


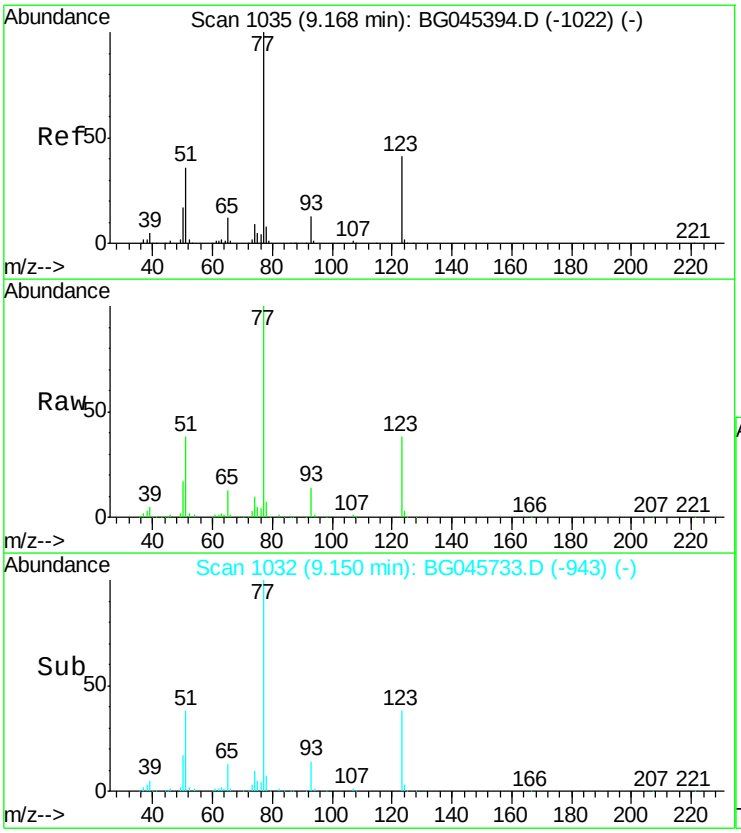

#23
Nitrobenzene-d5
Concen: 113.107 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion: 82 Resp: 378450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.8 | 30.9 | 46.3 |
| 54 | 40.6 | 30.3 | 45.5 |

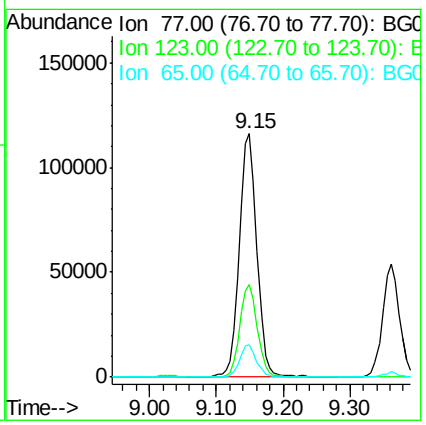


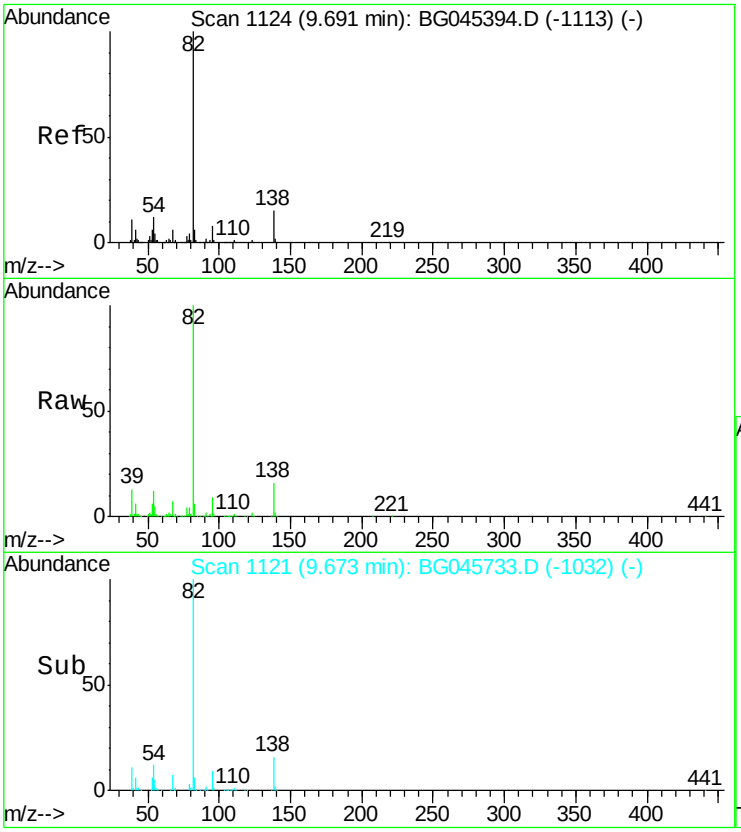




#24
Nitrobenzene
Concen: 59.219 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion: 77 Resp: 212289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 38.2 | 32.9 | 49.3 |
| 65 | 13.2 | 9.4 | 14.2 |



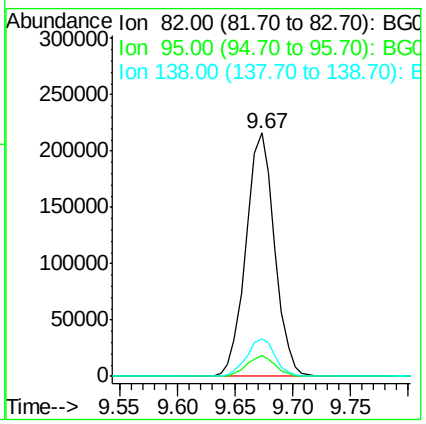


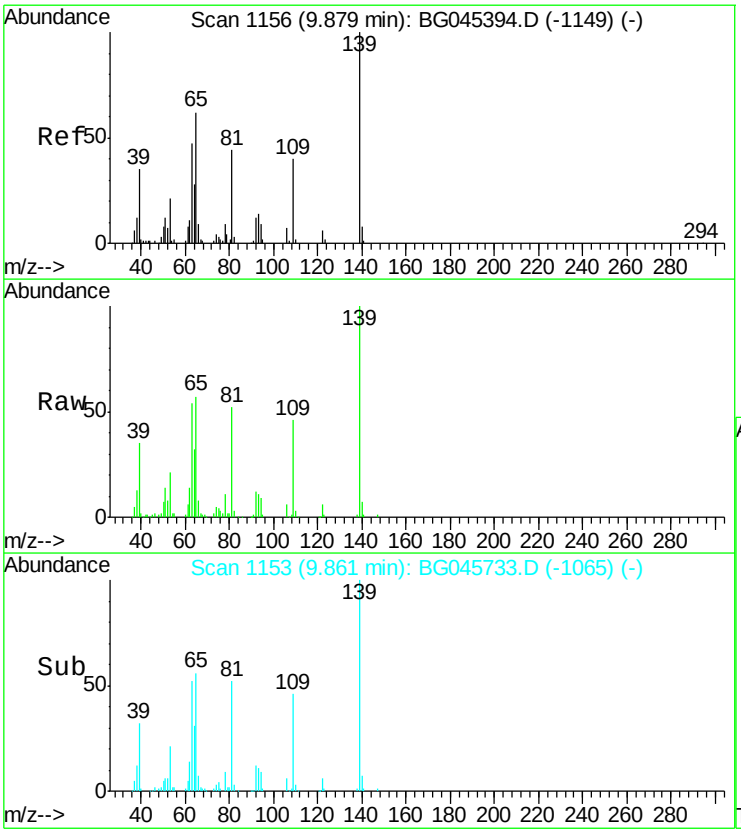

#25
Isophorone
Concen: 56.692 ng
RT: 9.67 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion: 82 Resp: 373569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.8 | 6.7 | 10.1 |
| 138 | 15.5 | 12.2 | 18.4 |

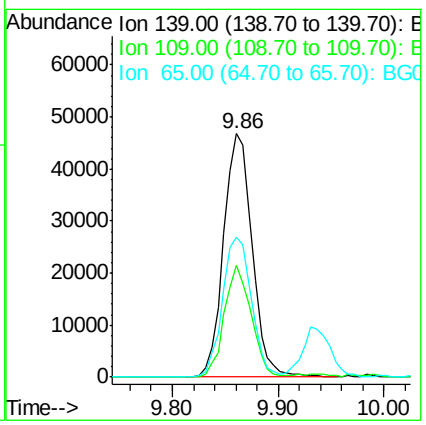


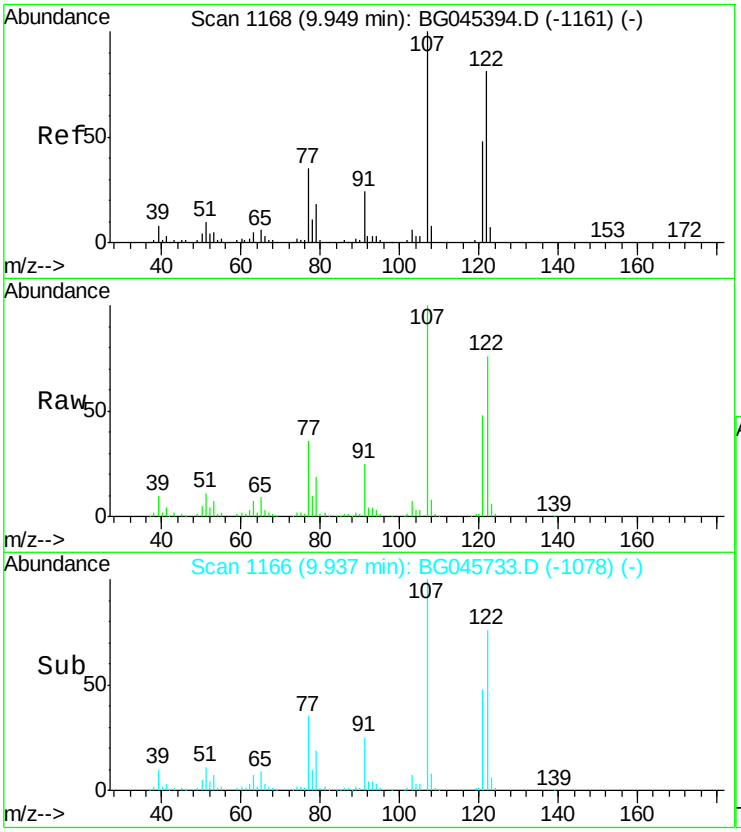




#26
2-Nitrophenol
Concen: 57.099 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:139 Resp: 87562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 46.0 | 32.2 | 48.4 |
| 65 | 57.5 | 49.6 | 74.4 |



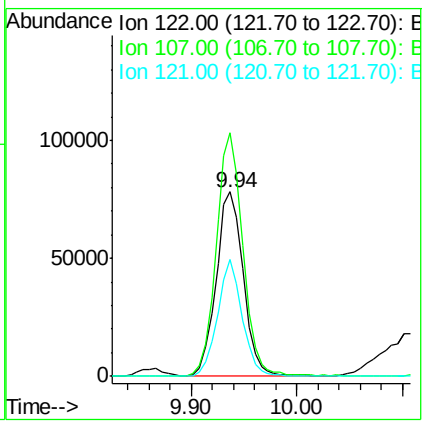


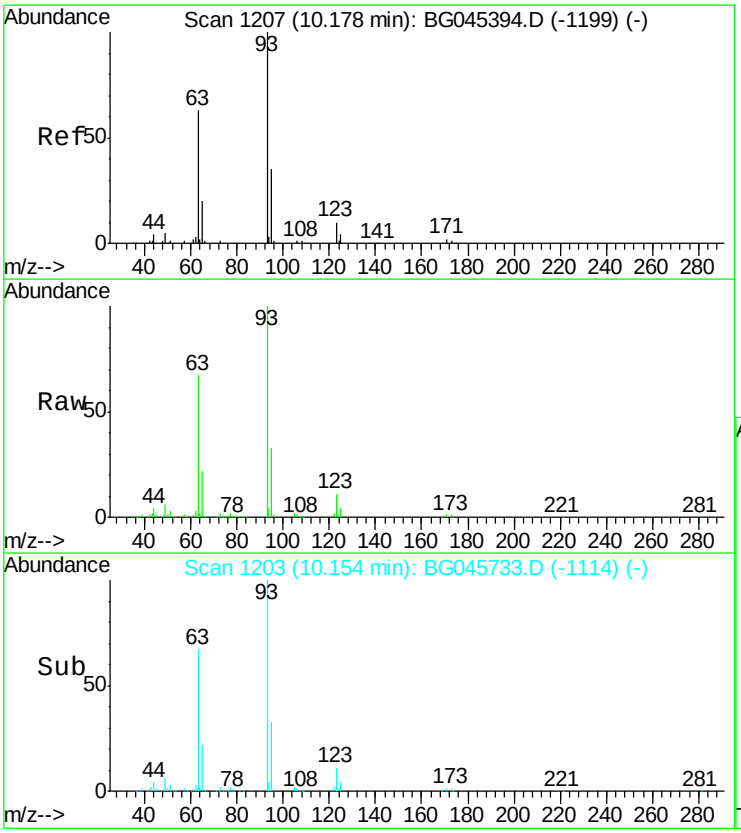

#27
2,4-Dimethylphenol
Concen: 61.598 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:122 Resp: 140102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 131.9 | 99.0 | 148.4 |
| 121 | 63.2 | 47.7 | 71.5 |

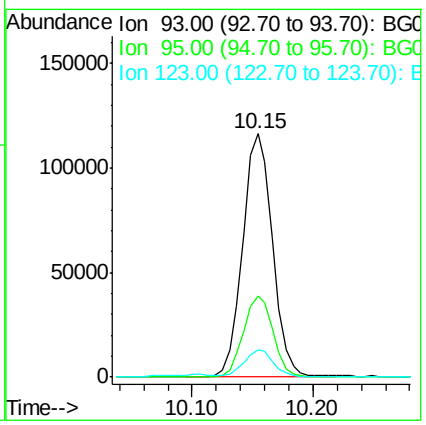


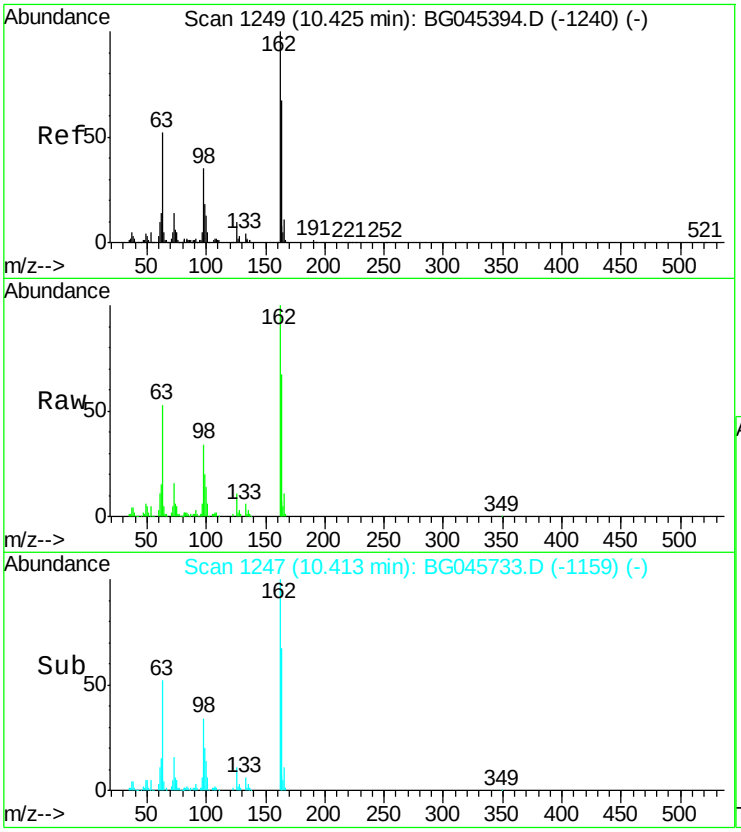




#28
bis(2-Chloroethoxy)methane
Concen: 58.115 ng
RT: 10.15 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion: 93 Resp: 200829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.4 | 27.6 | 41.4 |
| 123 | 11.3 | 8.1 | 12.1 |



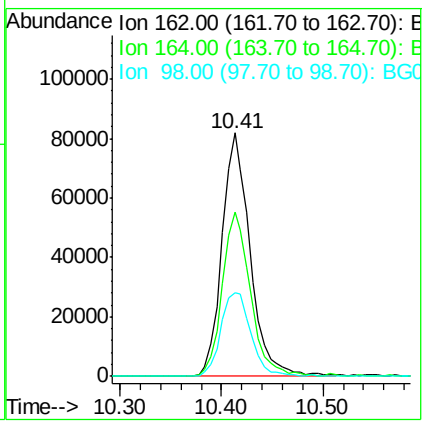


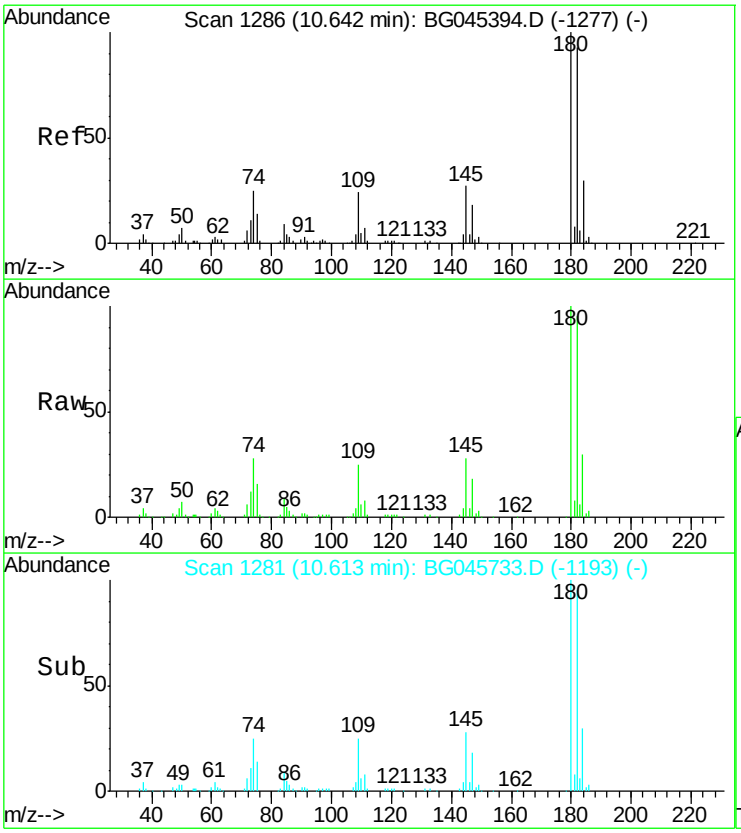

#29
2,4-Dichlorophenol
Concen: 58.587 ng
RT: 10.41 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:162 Resp: 157358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 67.3 | 46.8 | 86.8 |
| 98 | 34.5 | 15.2 | 55.2 |

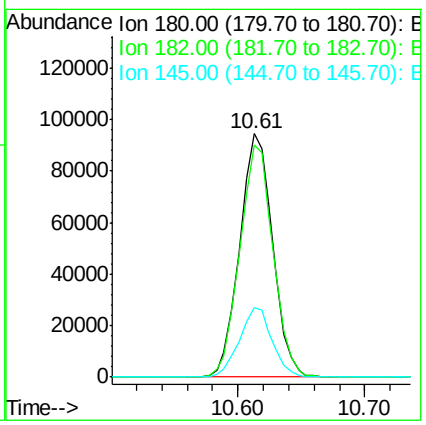


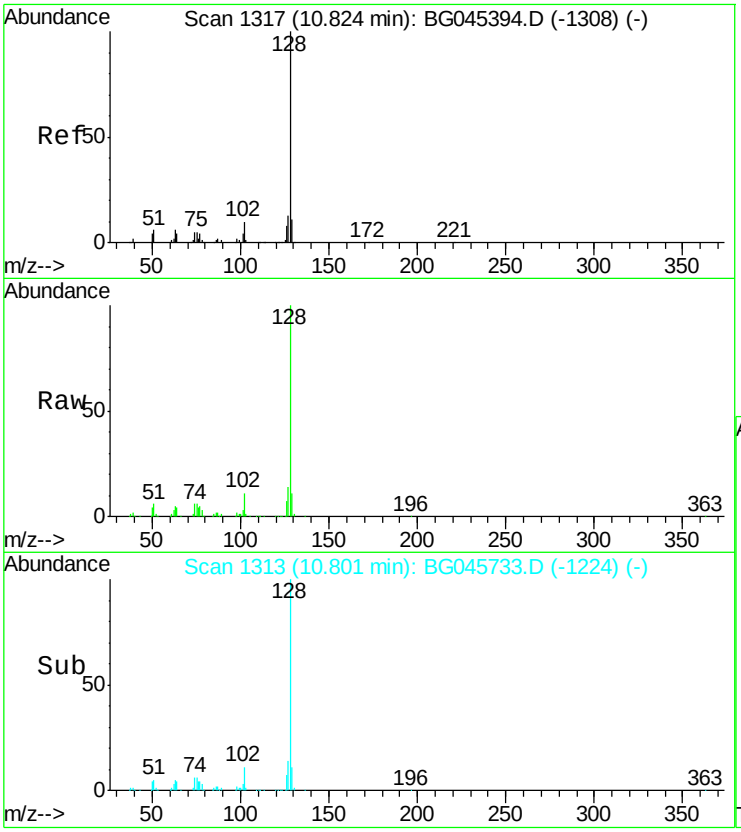




#30
1,2,4-Trichlorobenzene
Concen: 53.796 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:180 Resp: 170735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.1 | 74.8 | 112.2 |
| 145 | 28.3 | 21.9 | 32.9 |



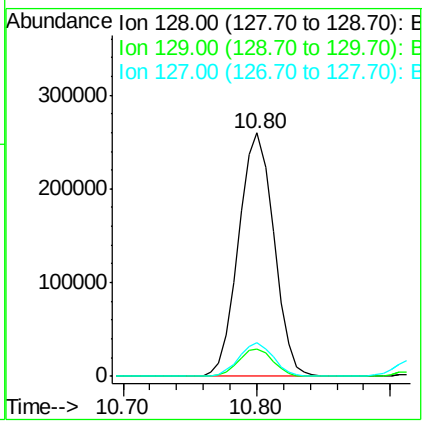


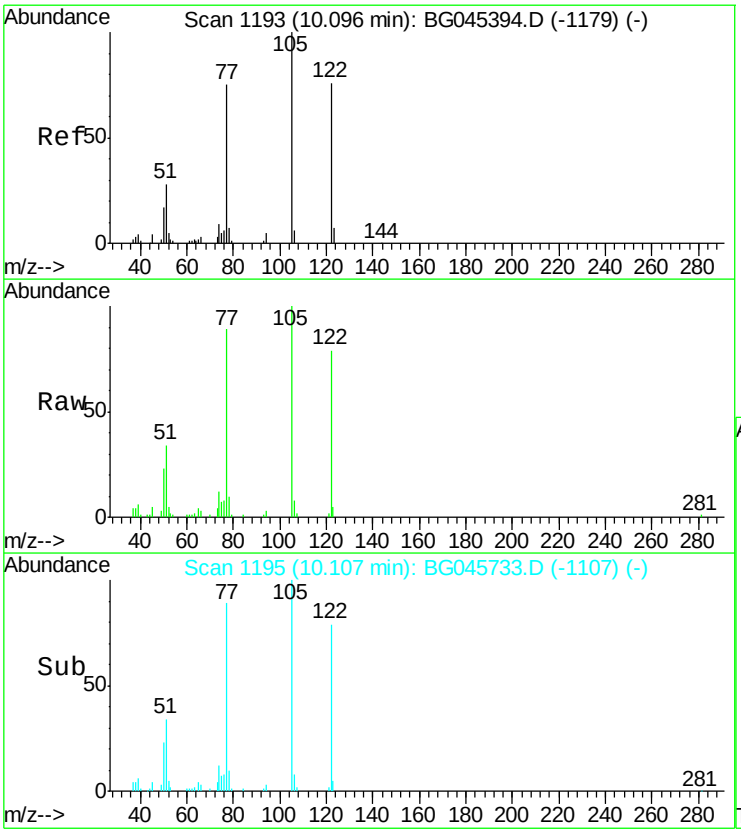

#31
Naphthalene
Concen: 55.777 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:128 Resp: 474240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.0 | 13.6 |
| 127 | 14.0 | 10.7 | 16.1 |

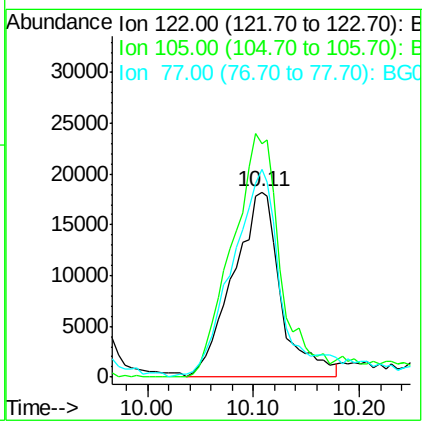


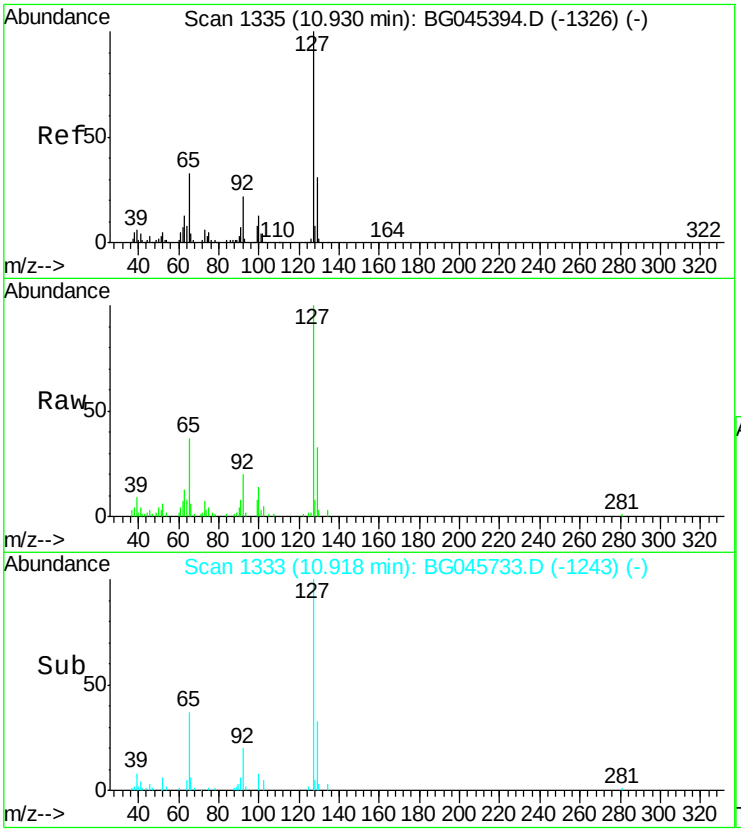




#32
Benzoic acid
Concen: 39.457 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:122 Resp: 57548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 125.9 | 107.9 | 147.9 |
| 77 | 112.5 | 78.9 | 118.9 |



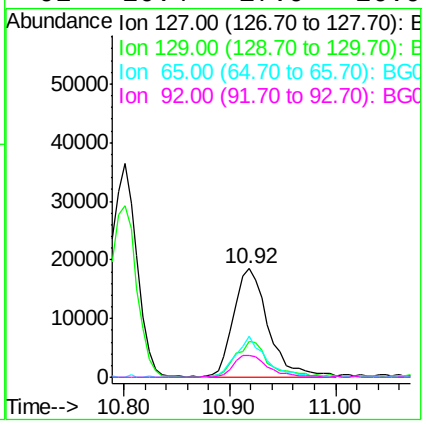


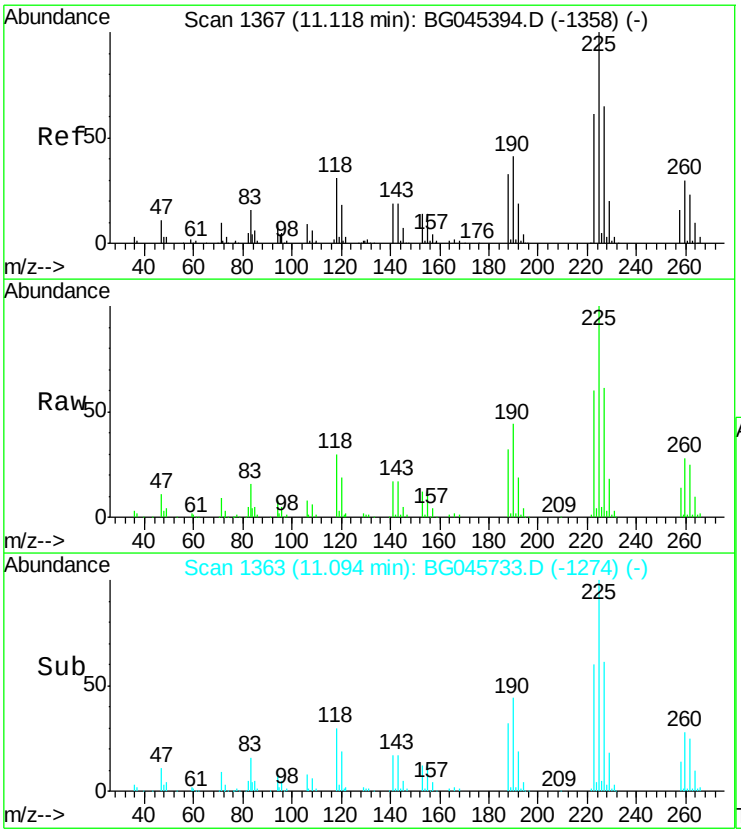

#33
4-Chloroaniline
Concen: 11.936 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:127 Resp: 42422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.4 | 24.7 | 37.1 |
| 65 | 37.3 | 26.2 | 39.2 |
| 92 | 20.4 | 17.9 | 26.9 |

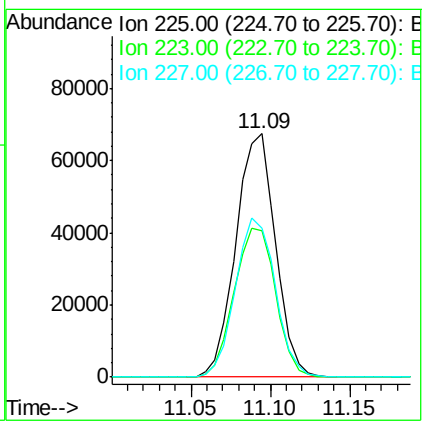


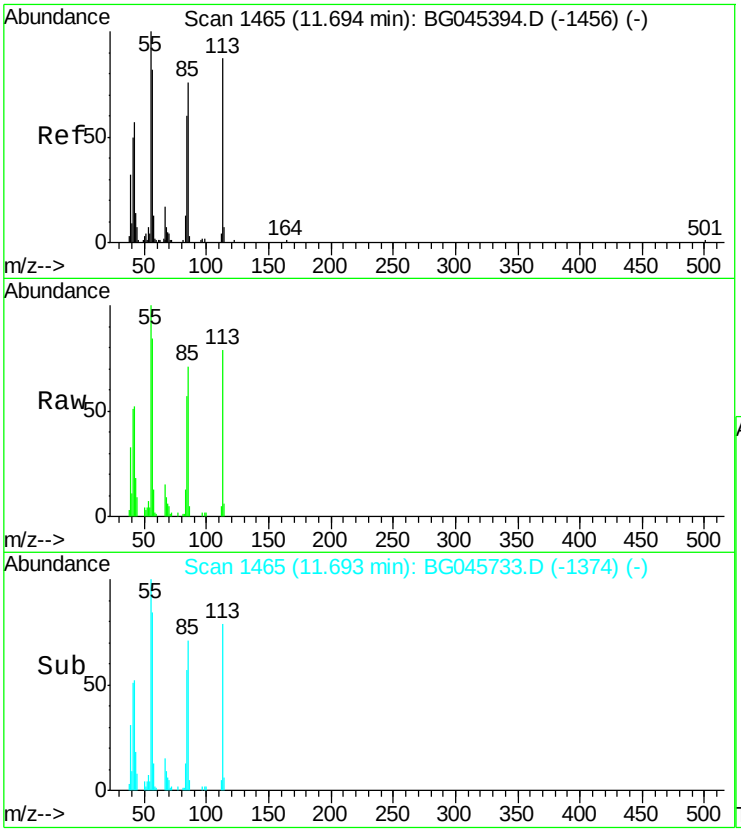




#34
Hexachlorobutadiene
Concen: 52.104 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:225 Resp: 116891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 59.9 | 49.1 | 73.7 |
| 227 | 61.2 | 52.0 | 78.0 |



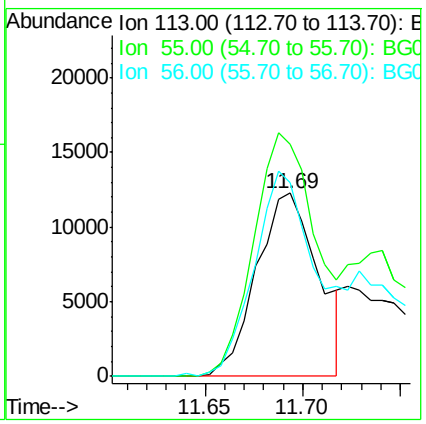


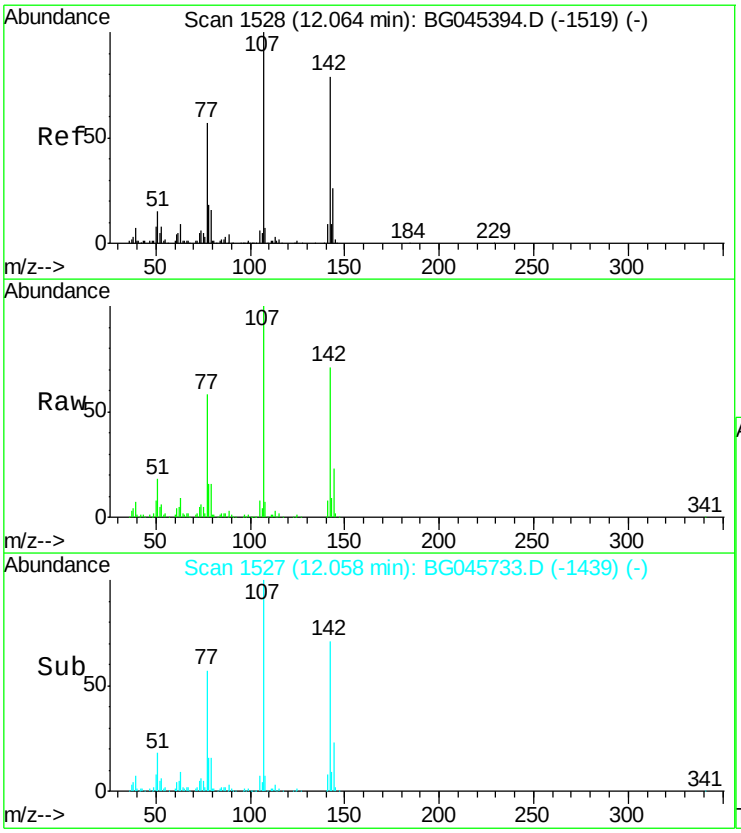

#35
Caprolactam
Concen: 27.294 ng
RT: 11.69 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:113 Resp: 26908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 127.0 | 96.0 | 136.0 |
| 56 | 106.1 | 75.1 | 115.1 |

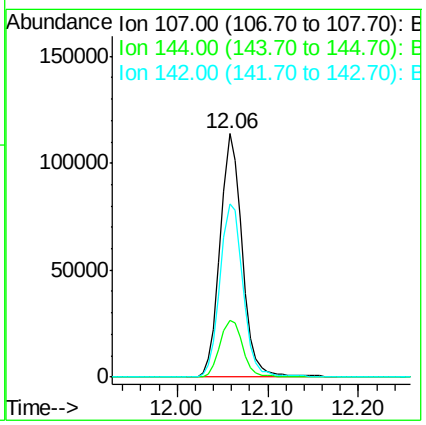


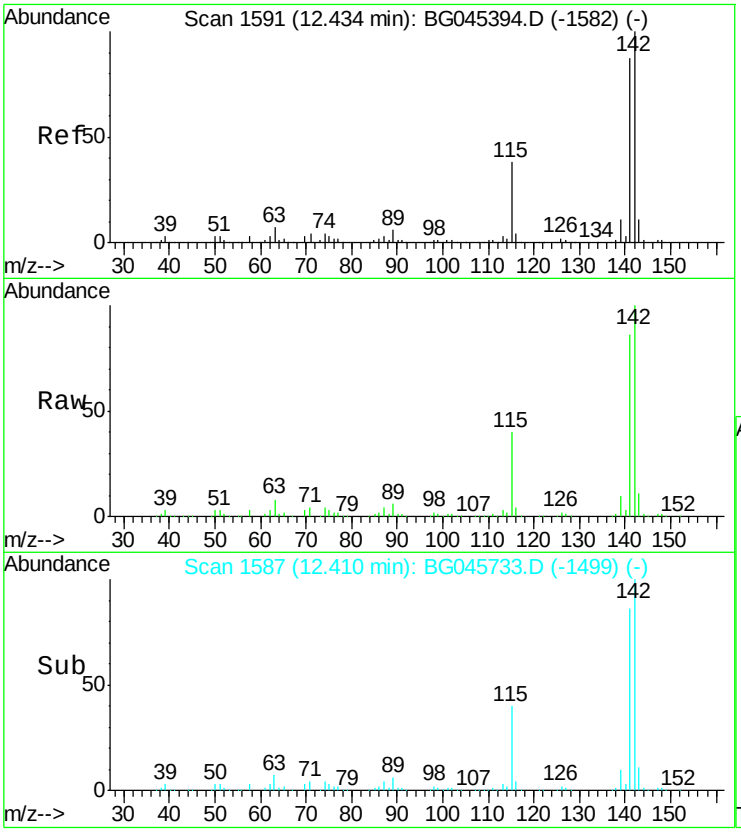




#36
4-Chloro-3-methylphenol
Concen: 63.702 ng
RT: 12.06 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:107 Resp: 192796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 23.2 | 20.8 | 31.2 |
| 142 | 71.4 | 62.8 | 94.2 |



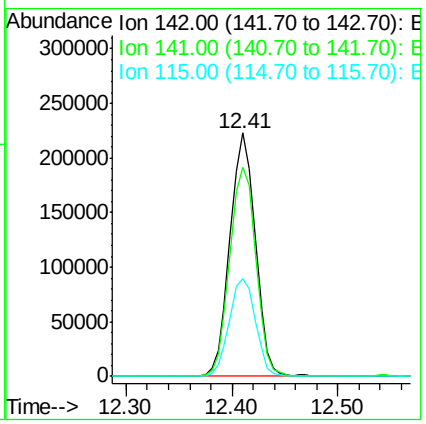


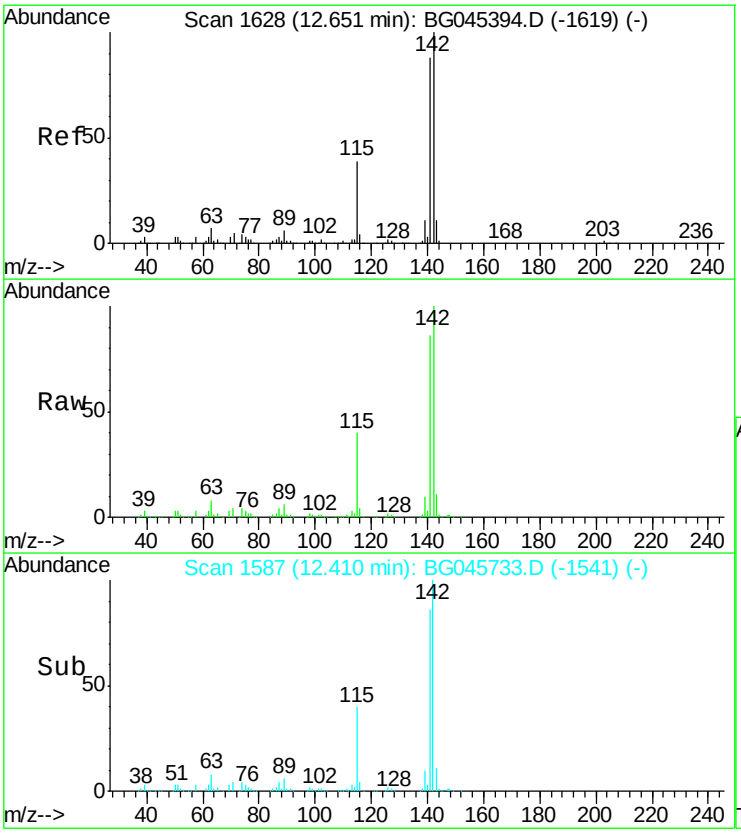

#37
2-Methylnaphthalene
Concen: 58.343 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:142 Resp: 369729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.9 | 70.0 | 105.0 |
| 115 | 40.3 | 30.8 | 46.2 |

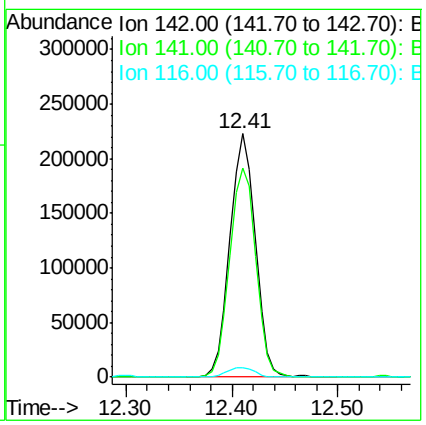


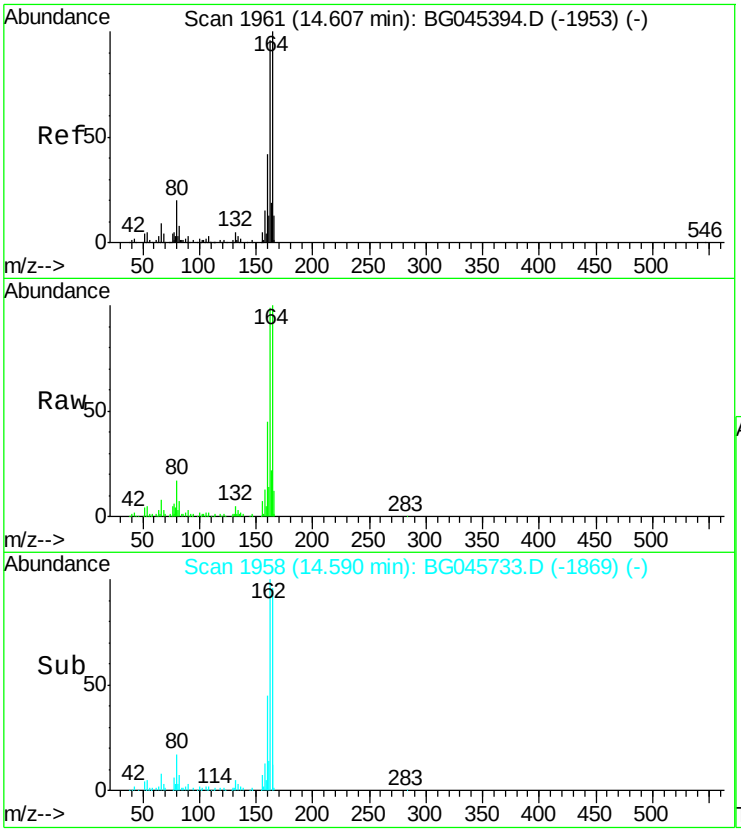




#38
1-Methylnaphthalene
Concen: 61.763 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.23 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:142 Resp: 369729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 85.9 | 70.8 | 106.2 |
| 116 | 4.0 | 3.0 | 4.6 |



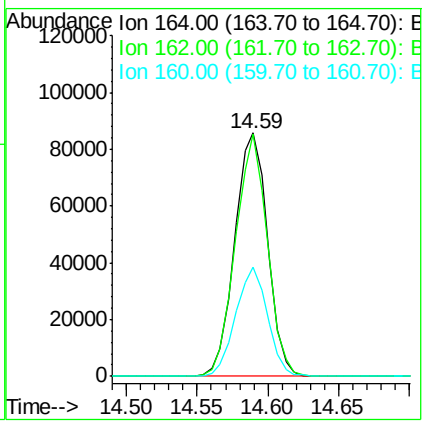


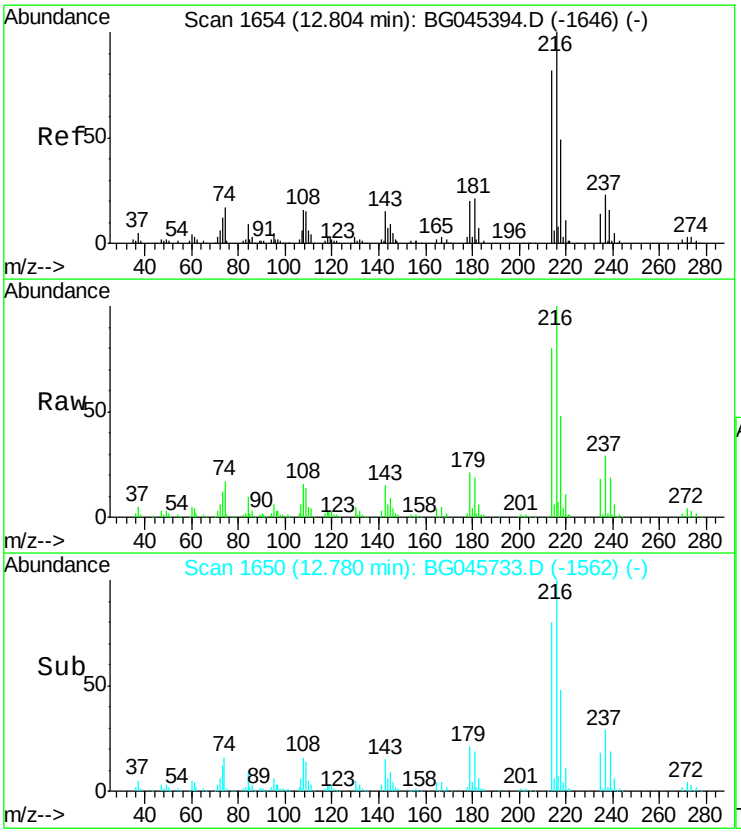

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:164 Resp: 139195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.3 | 76.9 | 115.3 |
| 160 | 44.8 | 33.8 | 50.8 |

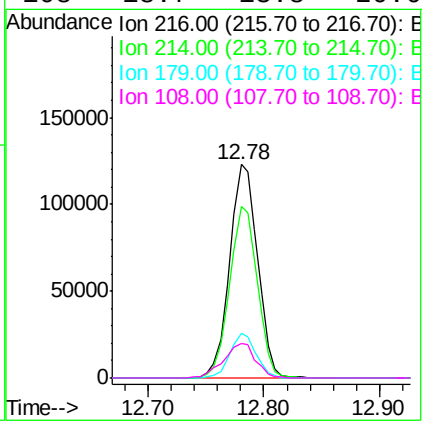


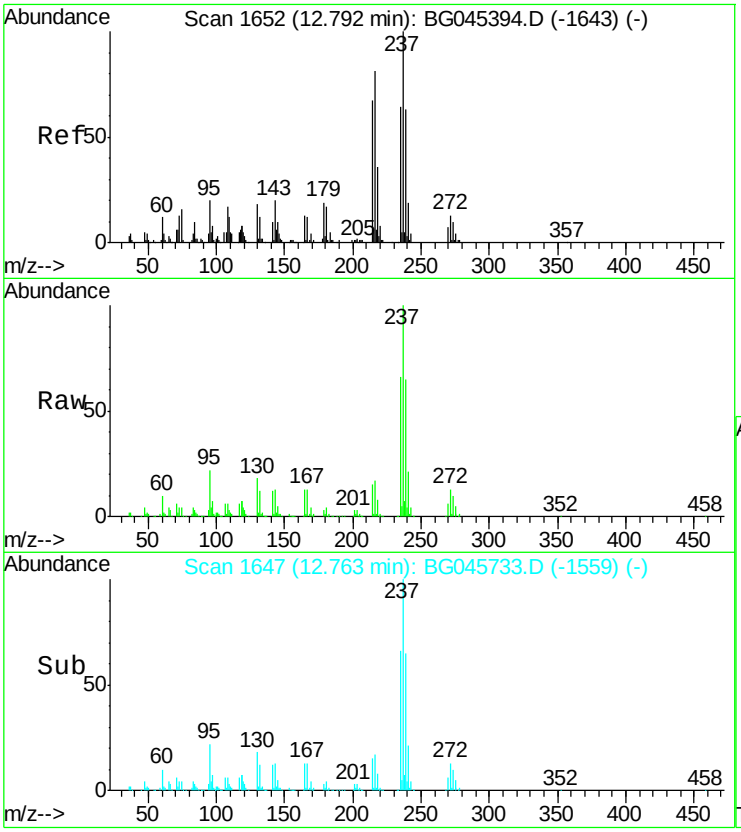




#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.921 ng
RT: 12.78 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:216 Resp: 205753

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.7 | 63.7 | 95.5 |
| 179 | 19.7 | 16.1 | 24.1 |
| 108 | 18.7 | 13.8 | 20.6 |



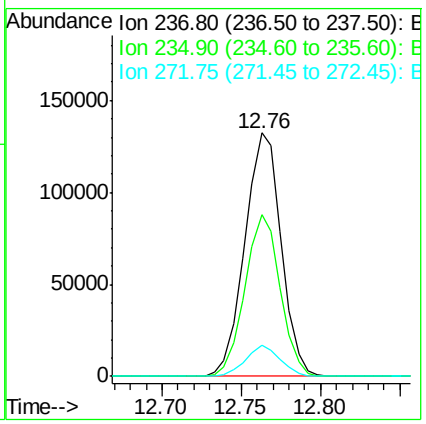


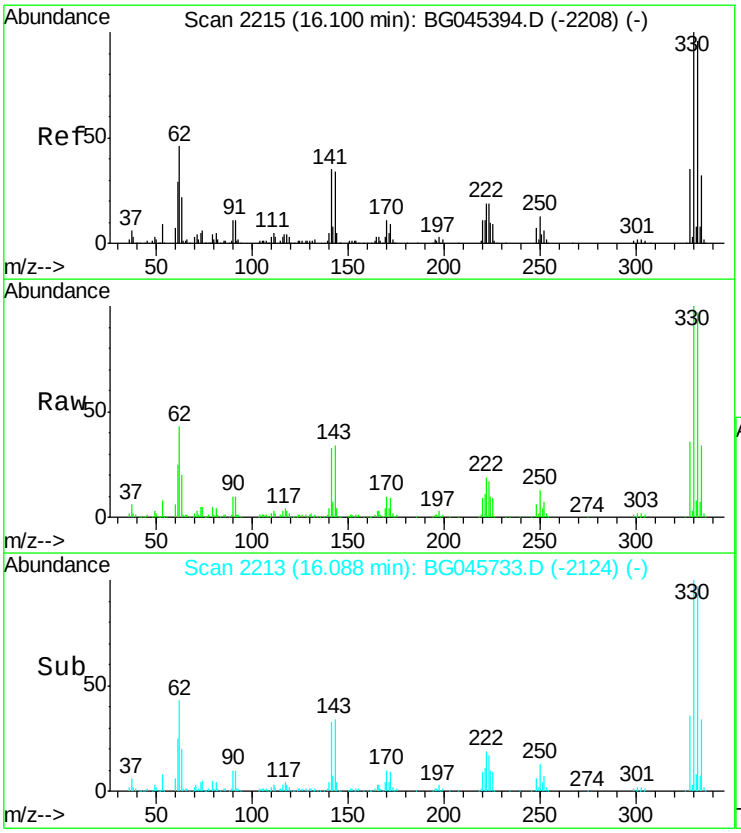

#41
Hexachlorocyclopentadiene
Concen: 93.862 ng
RT: 12.76 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:237 Resp: 210630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 66.4 | 44.4 | 84.4 |
| 272 | 12.8 | 0.0 | 32.5 |

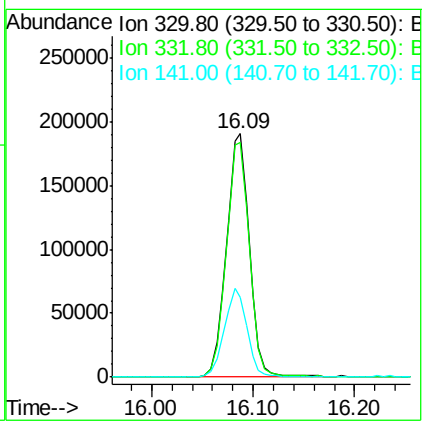


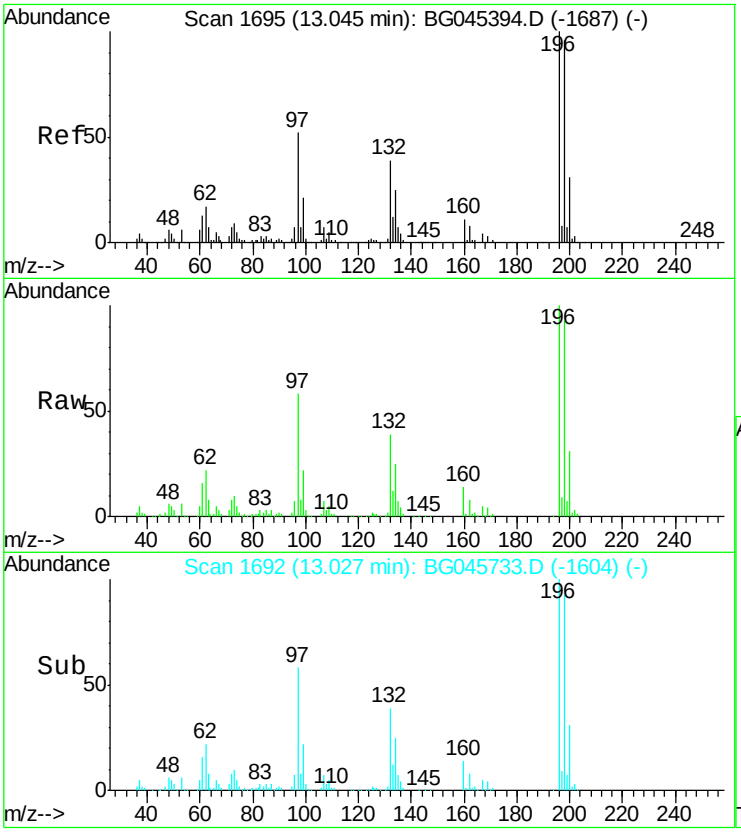




#42
2,4,6-Tribromophenol
Concen: 167.733 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:330 Resp: 298590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 78.2 | 117.4 |
| 141 | 36.0 | 28.2 | 42.4 |



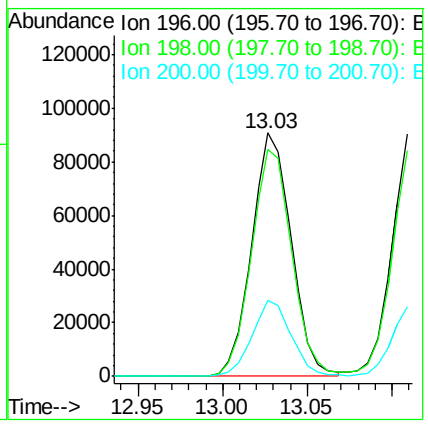


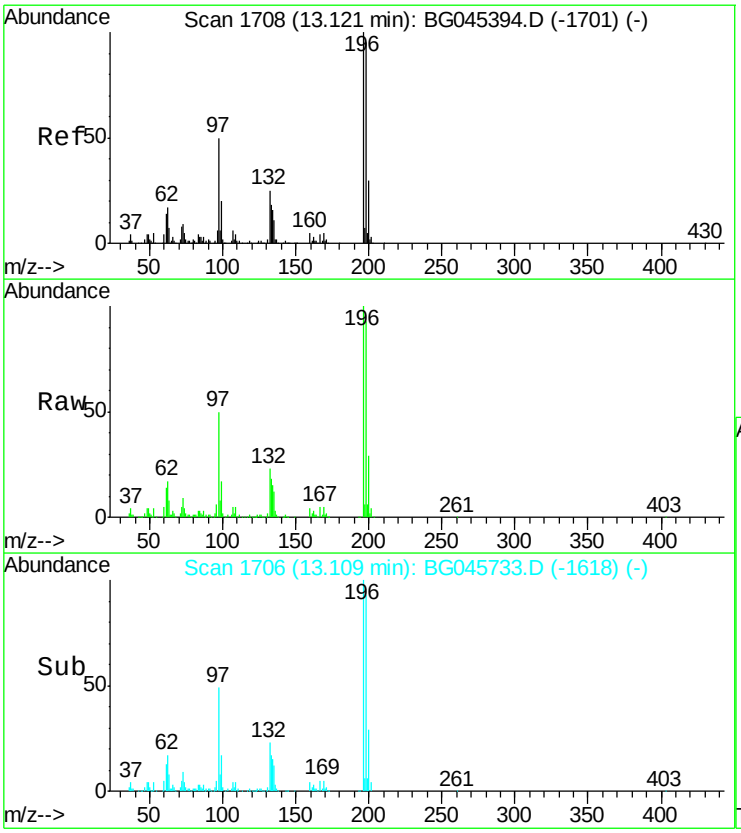

#43
2,4,6-Trichlorophenol
Concen: 54.798 ng
RT: 13.03 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:196 Resp: 147998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.0 | 76.7 | 115.1 |
| 200 | 31.2 | 24.9 | 37.3 |

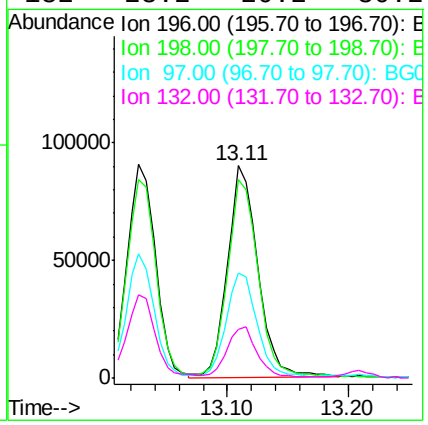


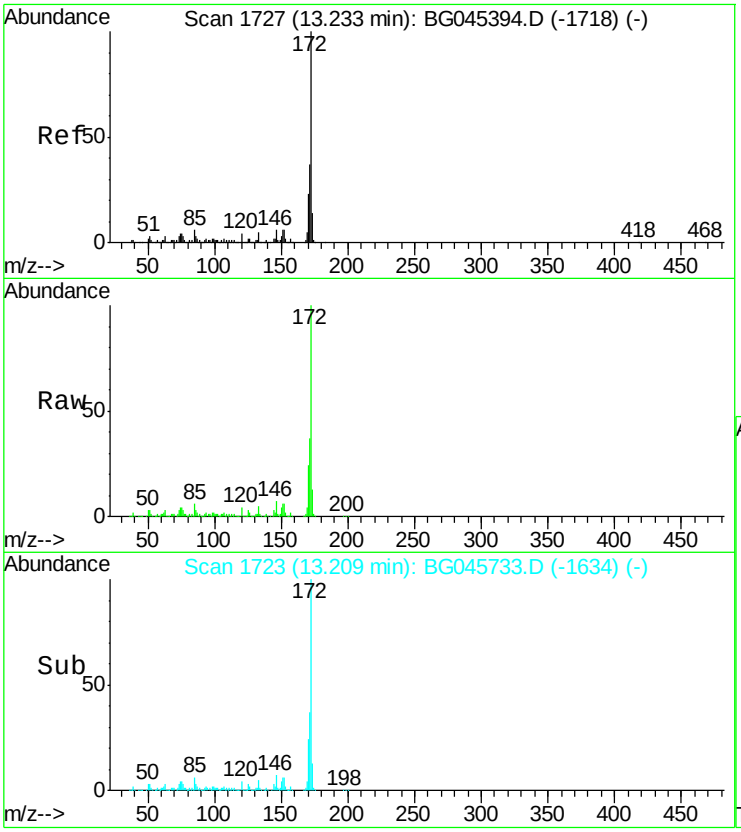




#44
2,4,5-Trichlorophenol
Concen: 50.743 ng
RT: 13.11 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:196 Resp: 156610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.4 | 76.1 | 114.1 |
| 97 | 49.6 | 40.0 | 60.0 |
| 132 | 23.2 | 20.2 | 30.2 |



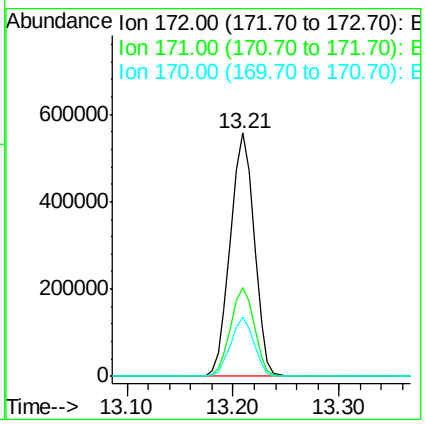


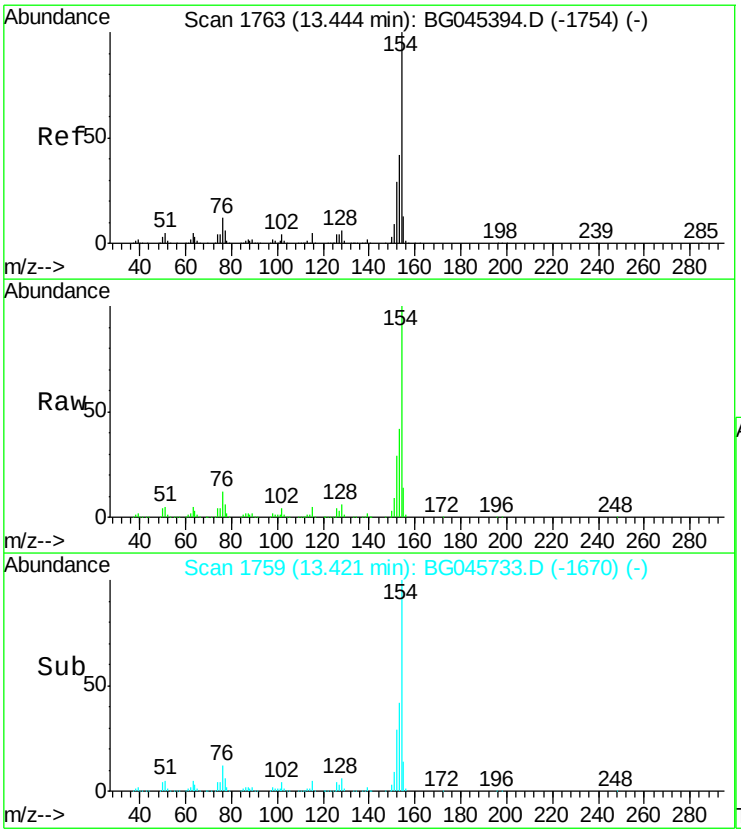

#45
2-Fluorobiphenyl
Concen: 106.103 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:172 Resp: 870711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.6 | 29.5 | 44.3 |
| 170 | 24.1 | 18.5 | 27.7 |

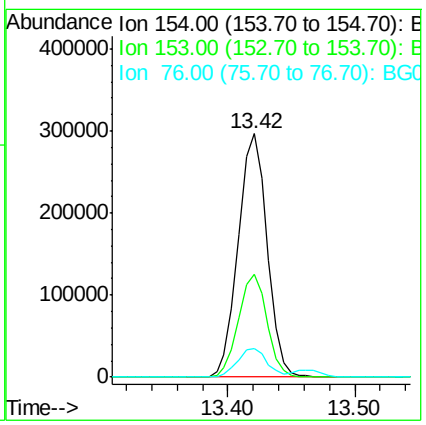


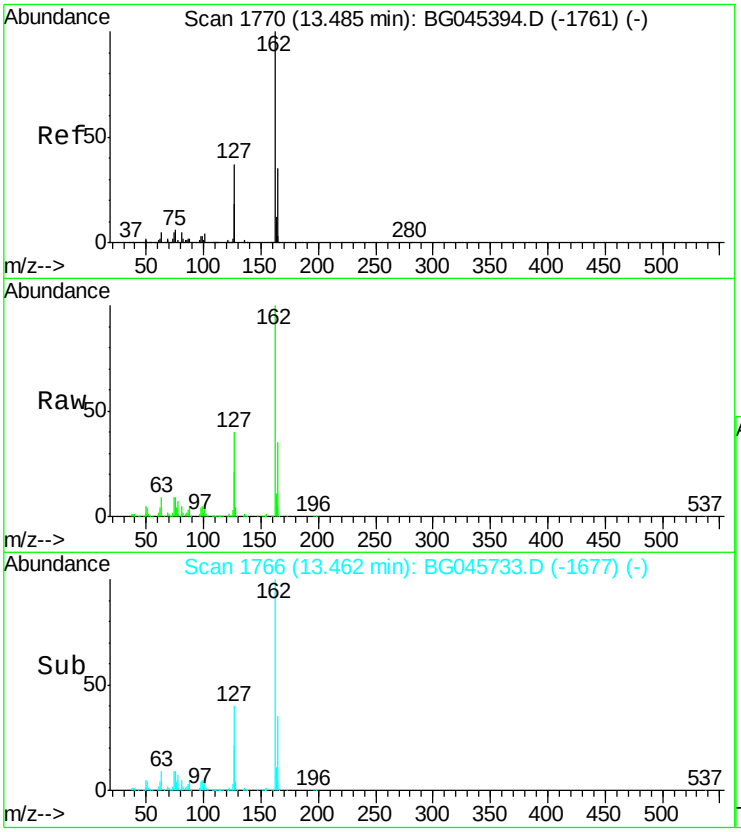




#46
1,1'-Biphenyl
Concen: 54.837 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:154 Resp: 469015

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.4 | 22.2 | 62.2 |
| 76 | 11.8 | 0.0 | 32.4 |



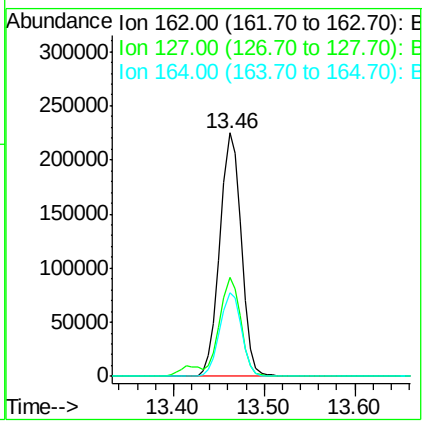


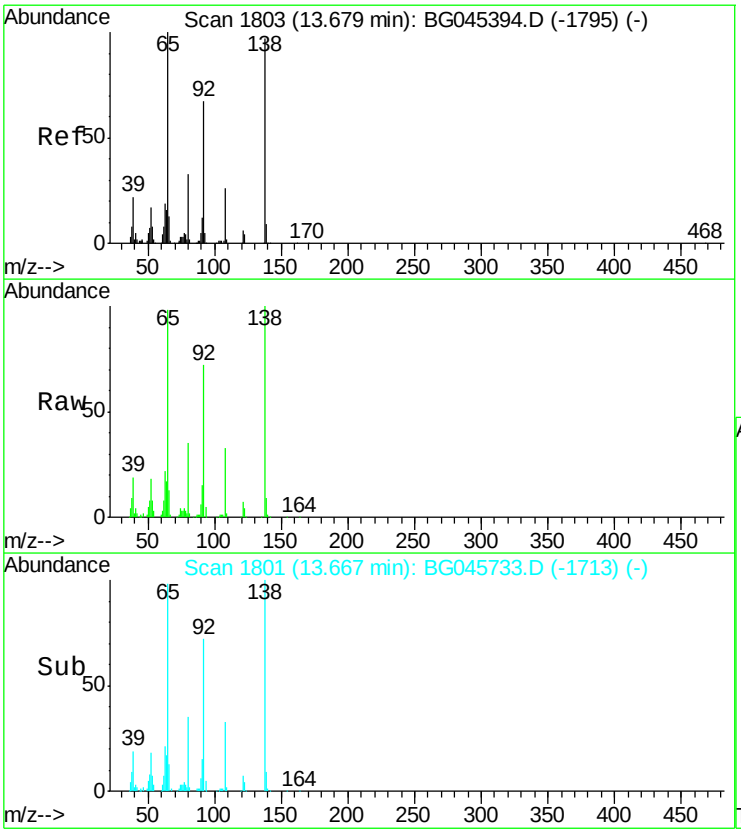

#47
2-Chloronaphthalene
Concen: 53.223 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:162 Resp: 369650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.5 | 31.6 | 47.4 |
| 164 | 34.6 | 28.1 | 42.1 |

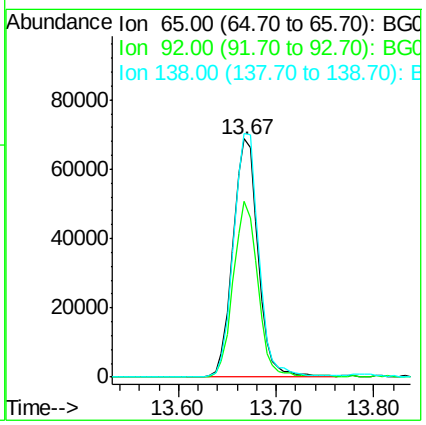


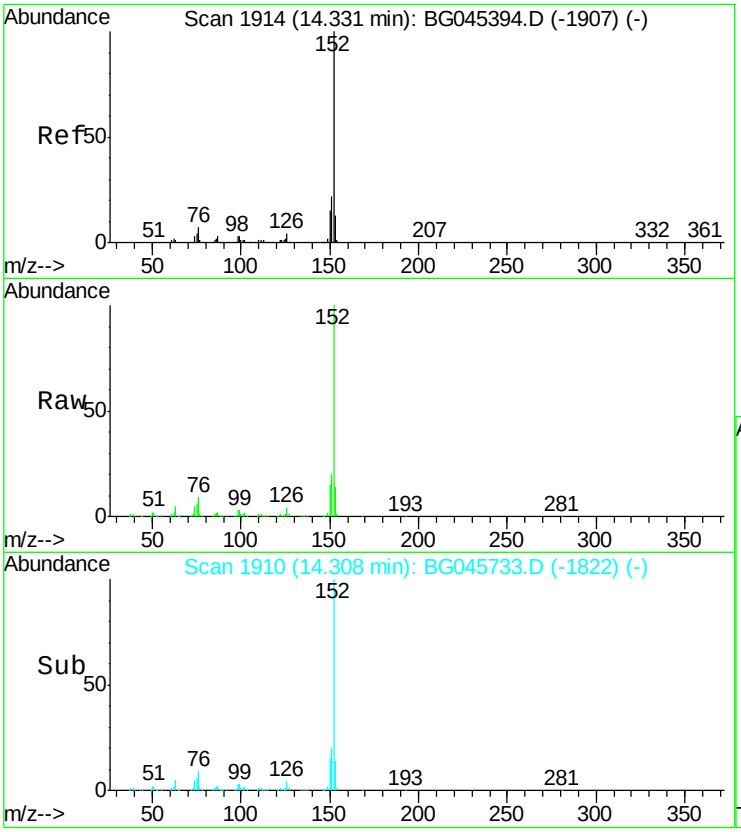




#48
2-Nitroaniline
Concen: 54.120 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion: 65 Resp: 123642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 73.5 | 53.8 | 80.8 |
| 138 | 102.1 | 77.9 | 116.9 |



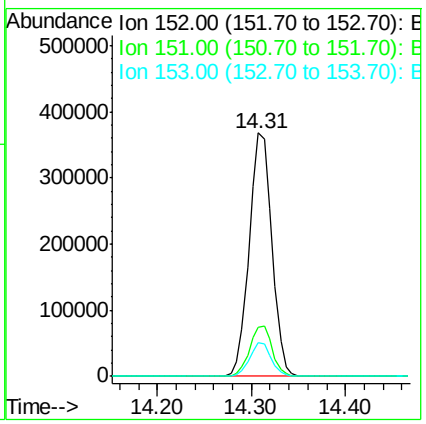


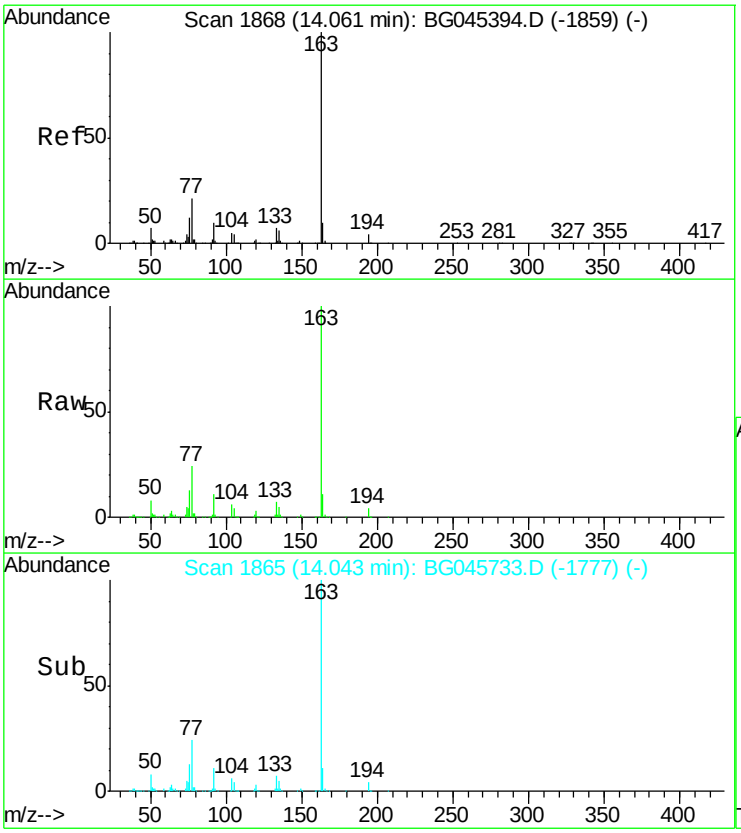

#49
Acenaphthylene
Concen: 55.129 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:152 Resp: 615017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 17.4 | 26.2 |
| 153 | 14.0 | 10.7 | 16.1 |

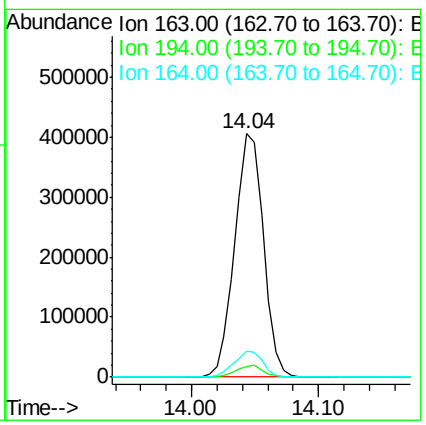


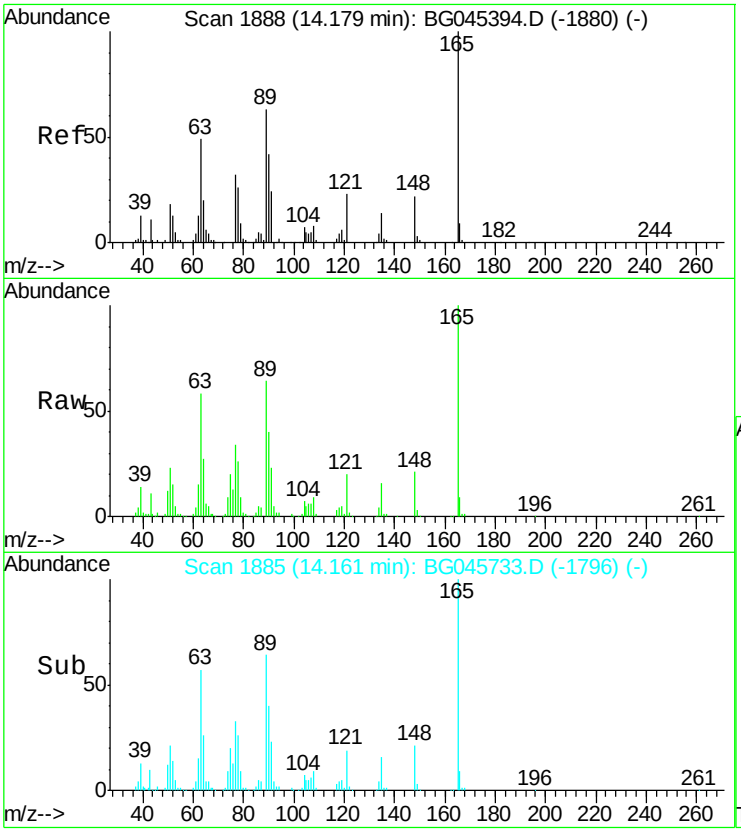




#50
Dimethylphthalate
Concen: 66.570 ng
RT: 14.04 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:163 Resp: 635657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.2 | 4.8 |
| 164 | 10.8 | 8.3 | 12.5 |



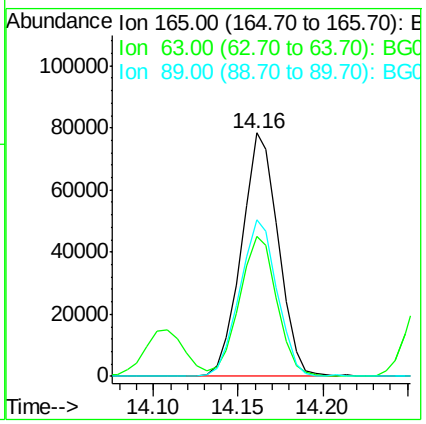


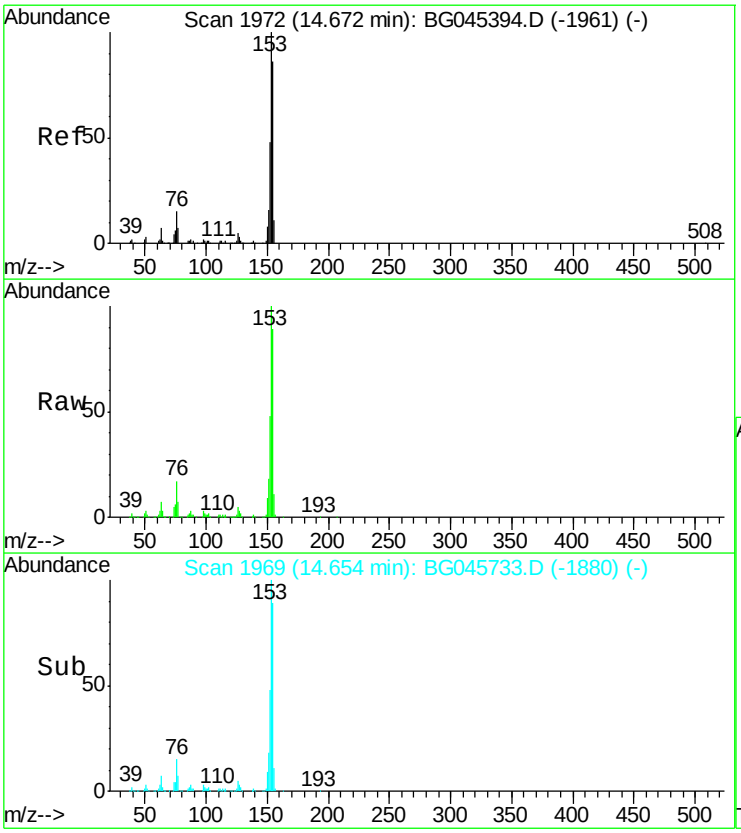

#51
2,6-Dinitrotoluene
Concen: 55.141 ng
RT: 14.16 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:165 Resp: 118811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 57.7 | 45.0 | 67.4 |
| 89 | 64.4 | 50.2 | 75.4 |

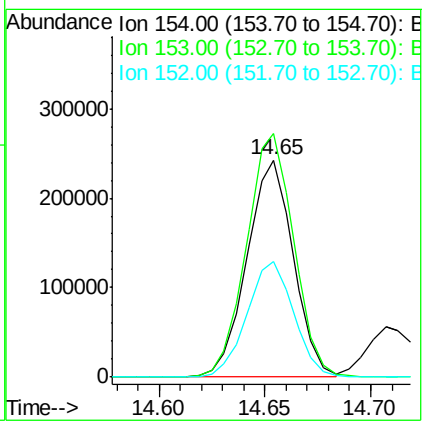


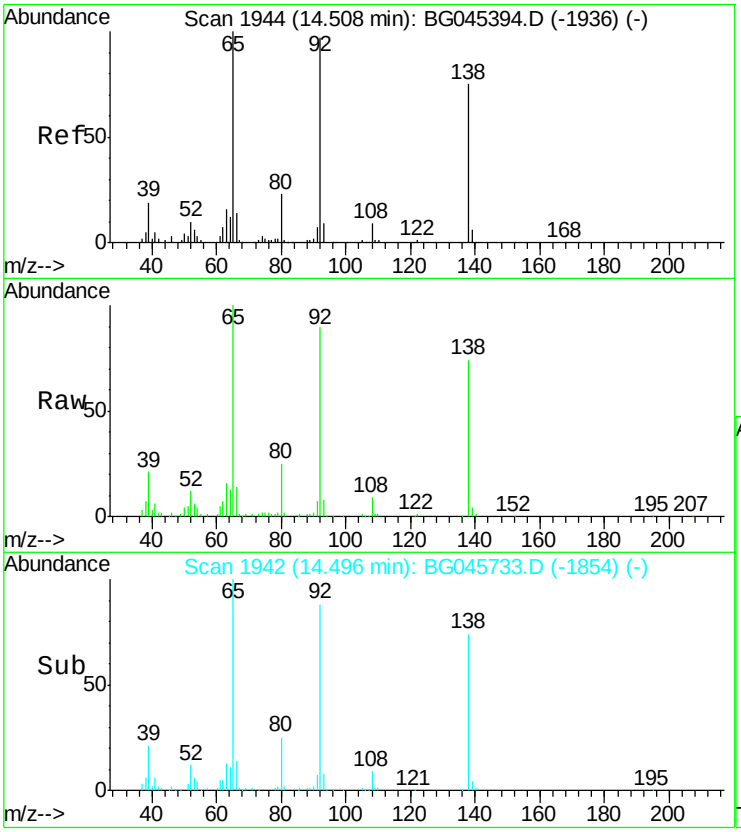




#52
Acenaphthene
Concen: 49.599 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:154 Resp: 370378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.3 | 92.8 | 139.2 |
| 152 | 53.6 | 44.6 | 66.8 |



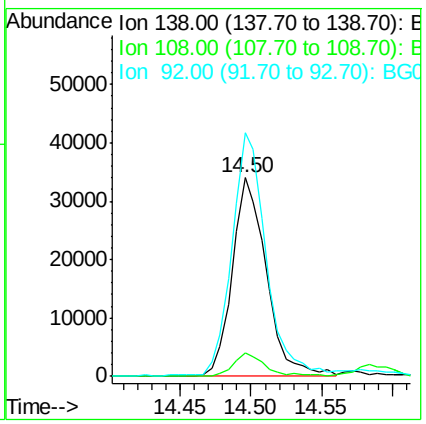


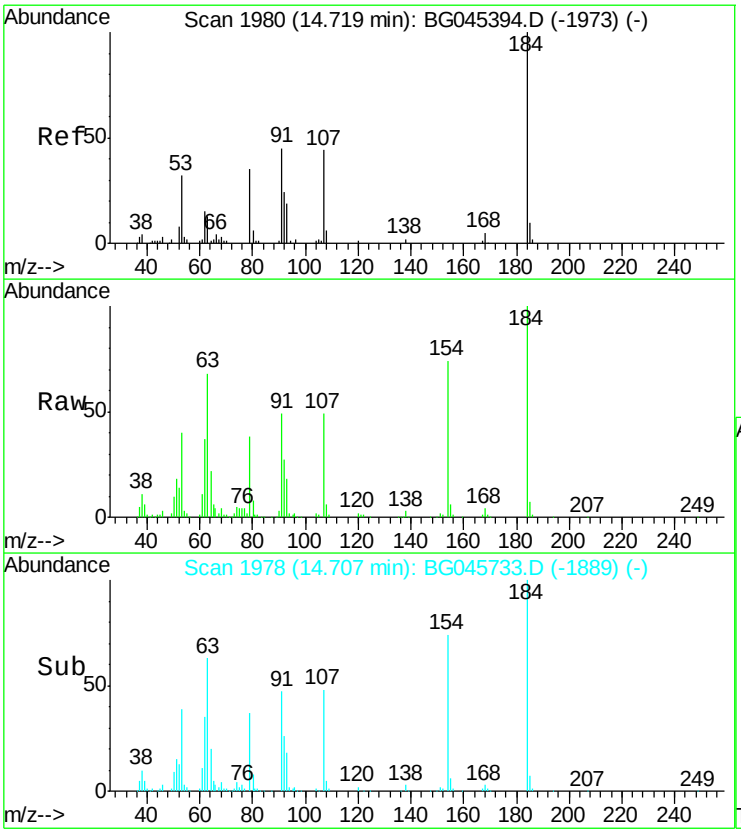

#53
3-Nitroaniline
Concen: 26.240 ng
RT: 14.50 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:138 Resp: 57474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.9 | 9.8 | 14.6 |
| 92 | 122.7 | 103.0 | 154.4 |

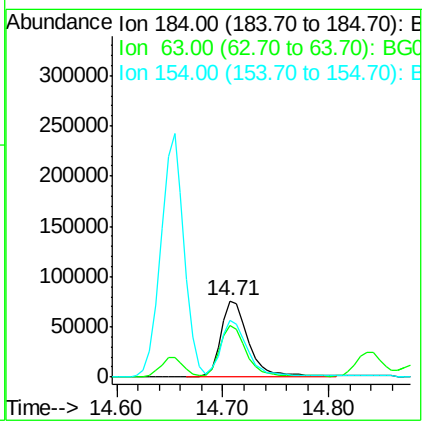


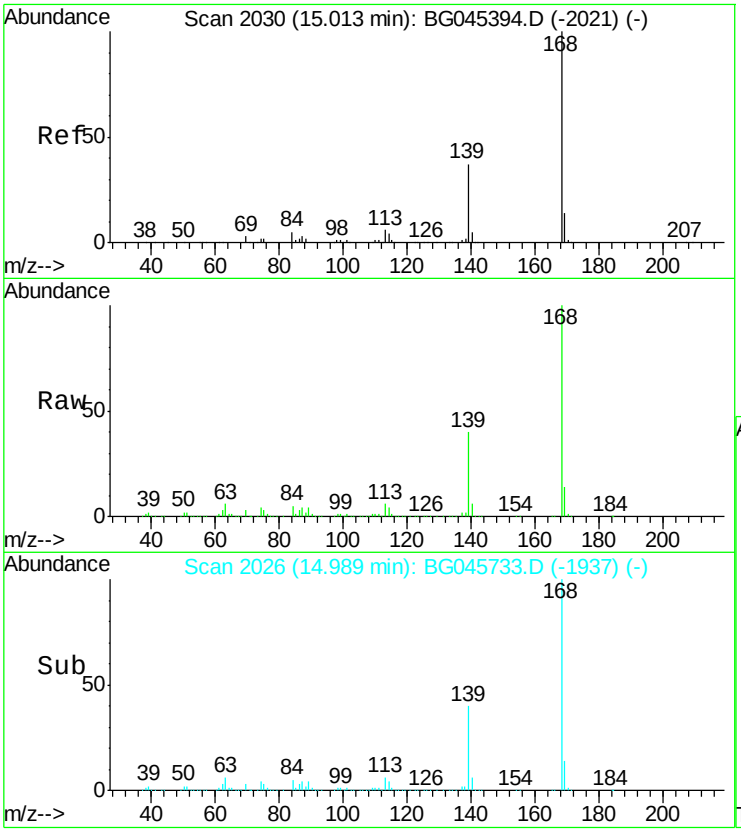




#54
2,4-Dinitrophenol
Concen: 97.763 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:184 Resp: 139823

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 68.0 | 47.8 | 71.6 |
| 154 | 74.2 | 58.3 | 87.5 |



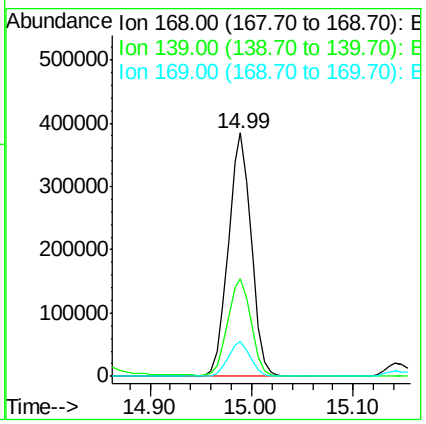


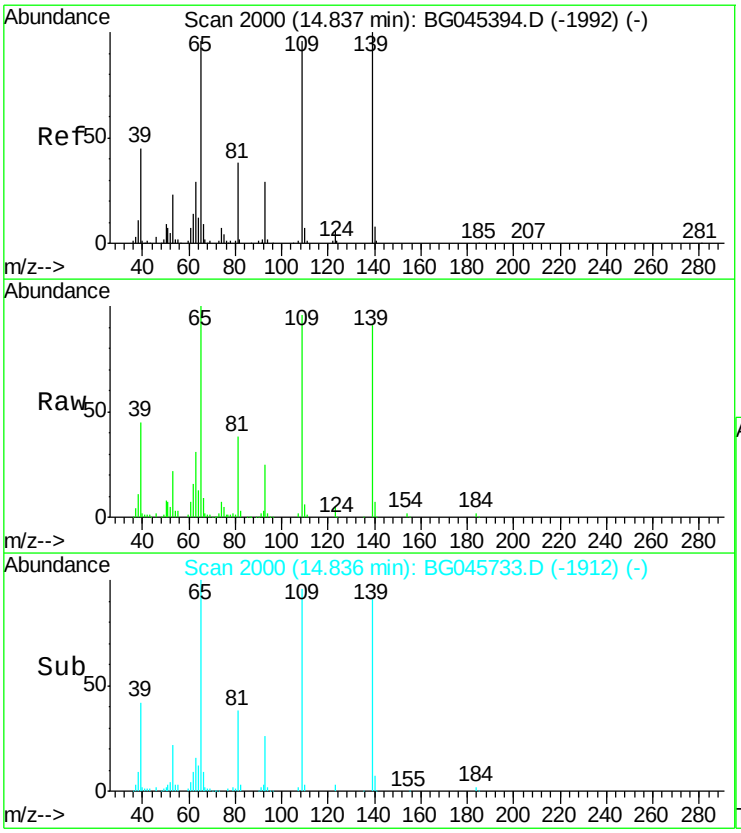

#55
Dibenzofuran
Concen: 54.111 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:168 Resp: 600062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.2 | 29.9 | 44.9 |
| 169 | 14.1 | 10.9 | 16.3 |

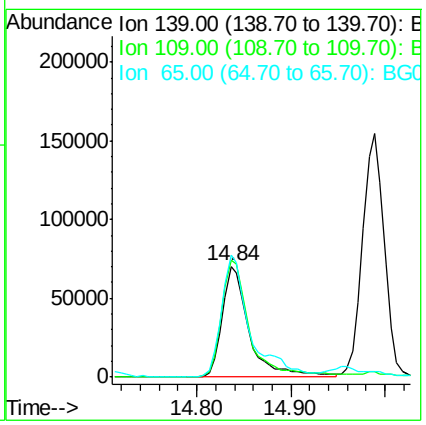


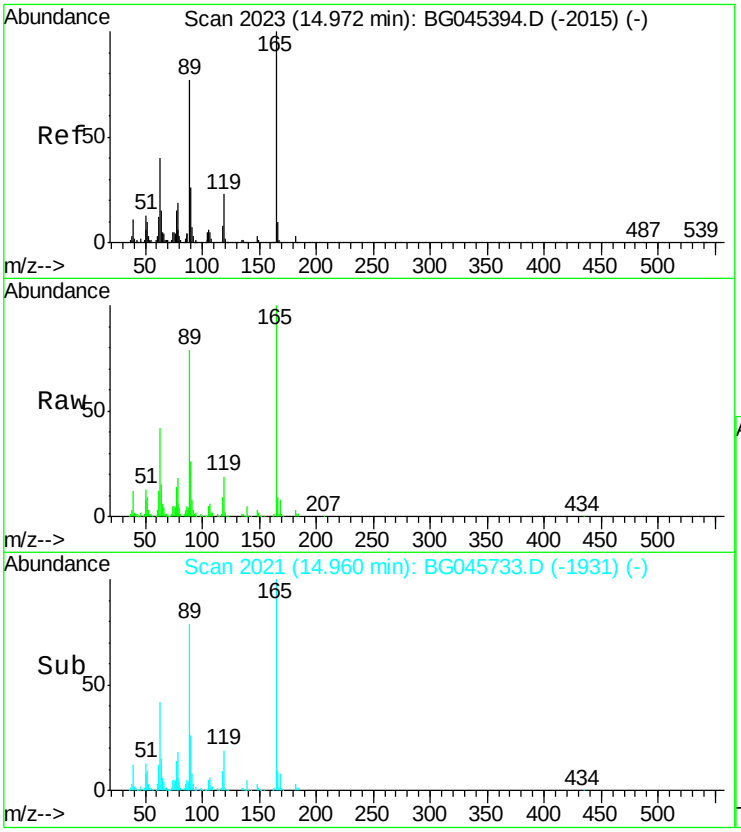




#56
4-Nitrophenol
Concen: 84.635 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:139 Resp: 140349

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 105.9 | 75.6 | 115.6 |
| 65 | 110.1 | 76.8 | 116.8 |



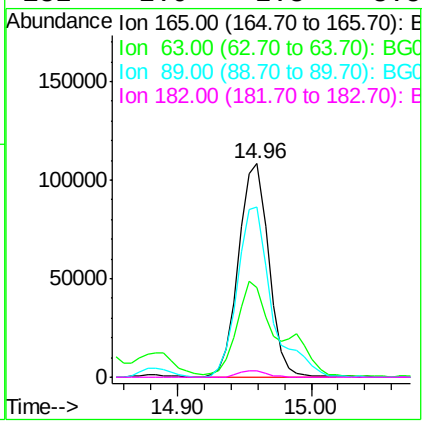


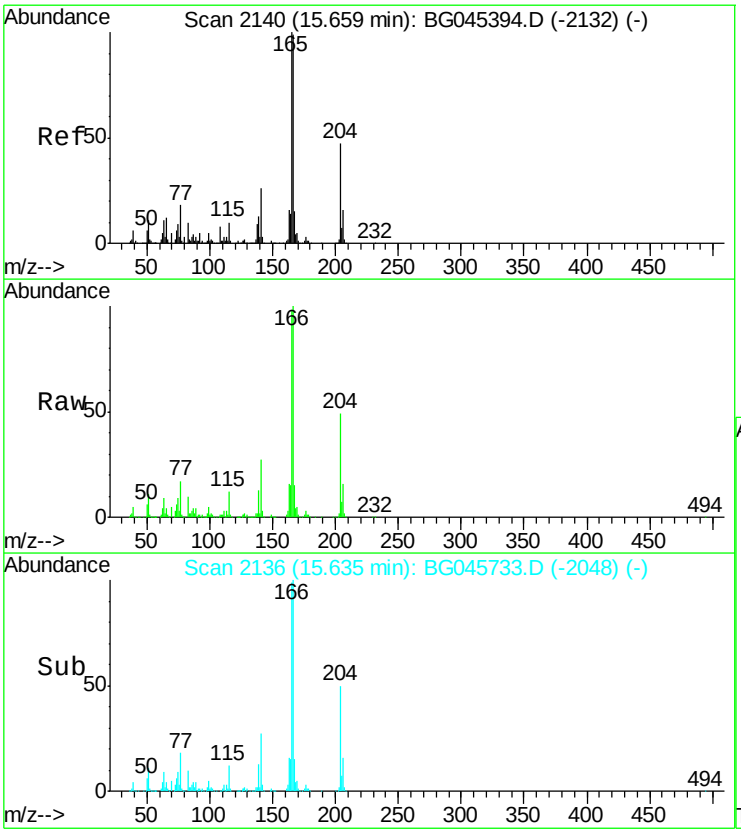

#57
2,4-Dinitrotoluene
Concen: 54.117 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:165 Resp: 168874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.0 | 32.5 | 48.7 |
| 89 | 79.5 | 61.8 | 92.6 |
| 182 | 2.9 | 2.3 | 3.5 |

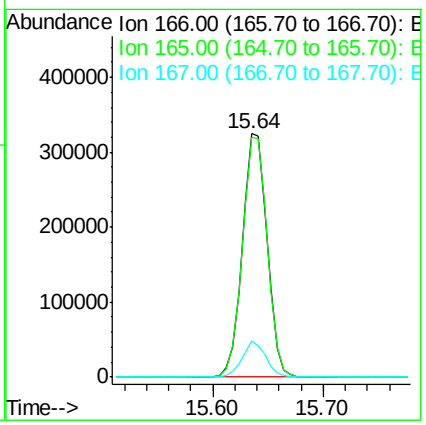


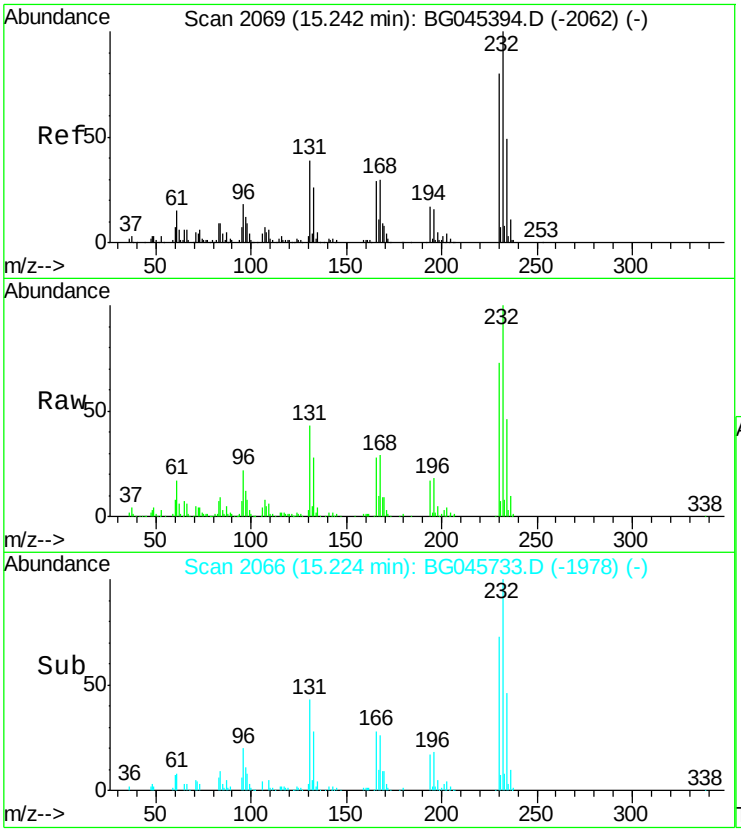




#58
Fluorene
Concen: 56.012 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:166 Resp: 510299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 80.8 | 121.2 |
| 167 | 14.7 | 12.0 | 18.0 |



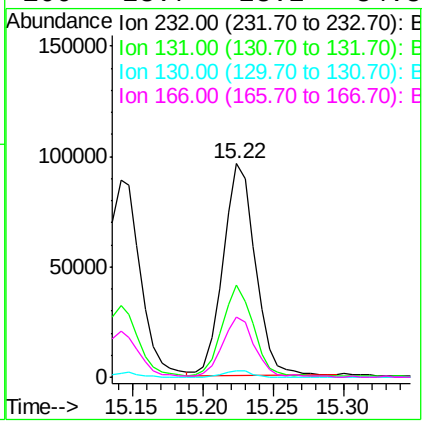


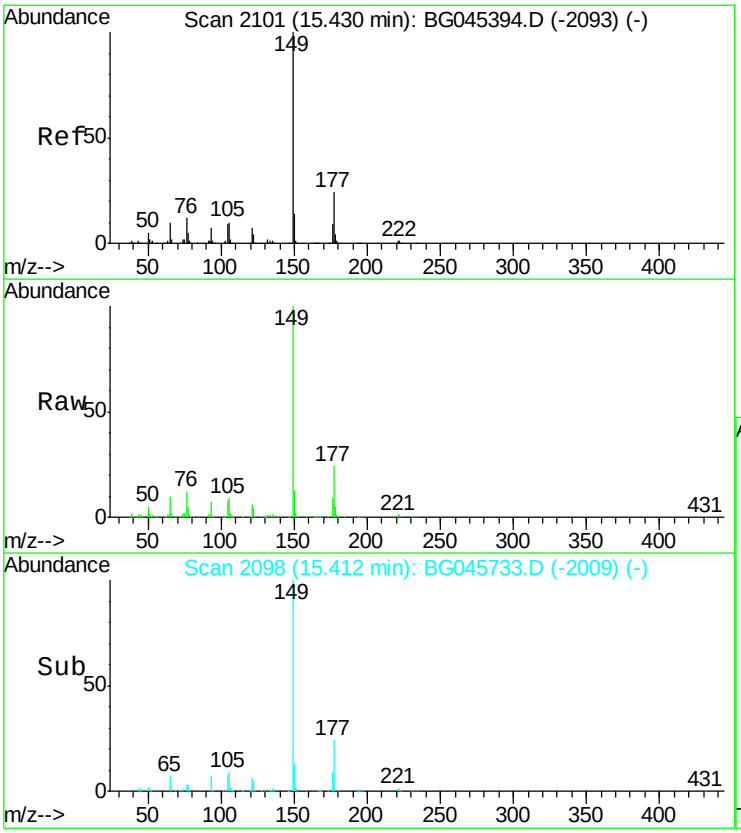

#59
2,3,4,6-Tetrachlorophenol
Concen: 56.547 ng
RT: 15.22 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:232 Resp: 153539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 42.7 | 33.7 | 50.5 |
| 130 | 2.8 | 2.1 | 3.1 |
| 166 | 28.7 | 23.2 | 34.8 |

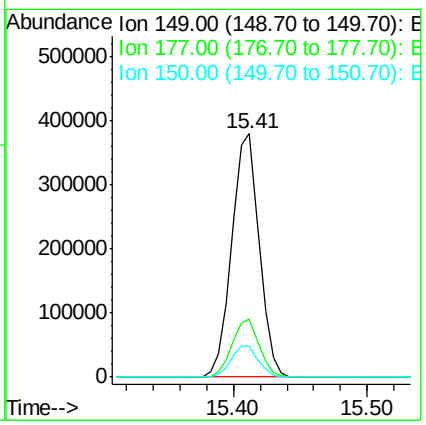


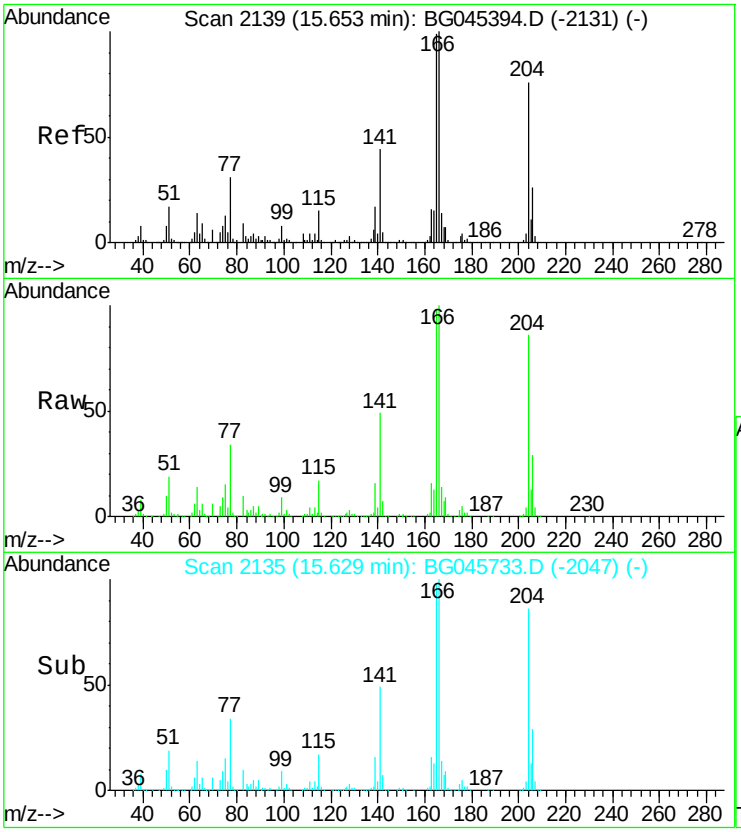




#60
Diethylphthalate
Concen: 54.701 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:149 Resp: 543650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.6 | 19.0 | 28.4 |
| 150 | 12.6 | 11.4 | 17.0 |



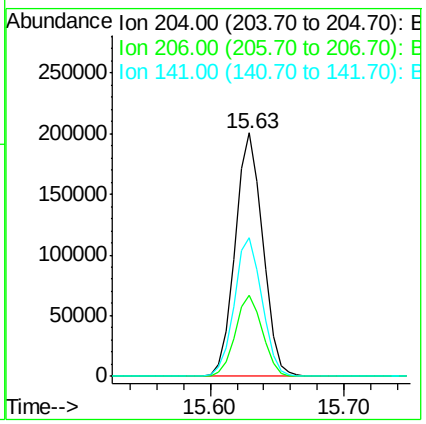


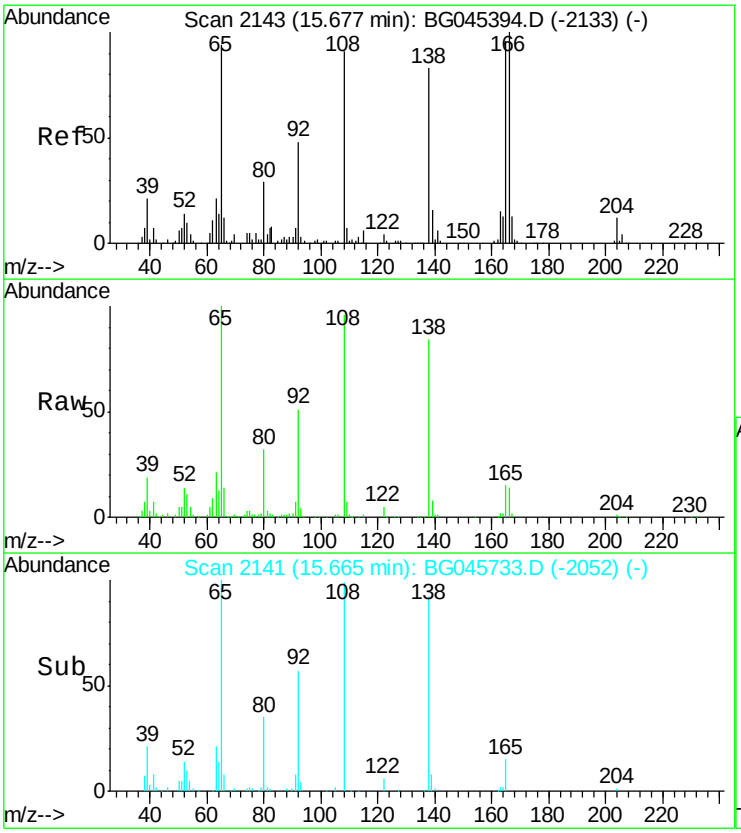

#61
4-Chlorophenyl-phenylether
Concen: 55.038 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:204 Resp: 286933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.3 | 27.3 | 40.9 |
| 141 | 57.1 | 45.9 | 68.9 |

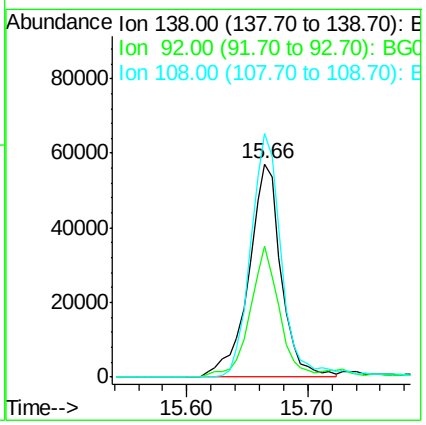


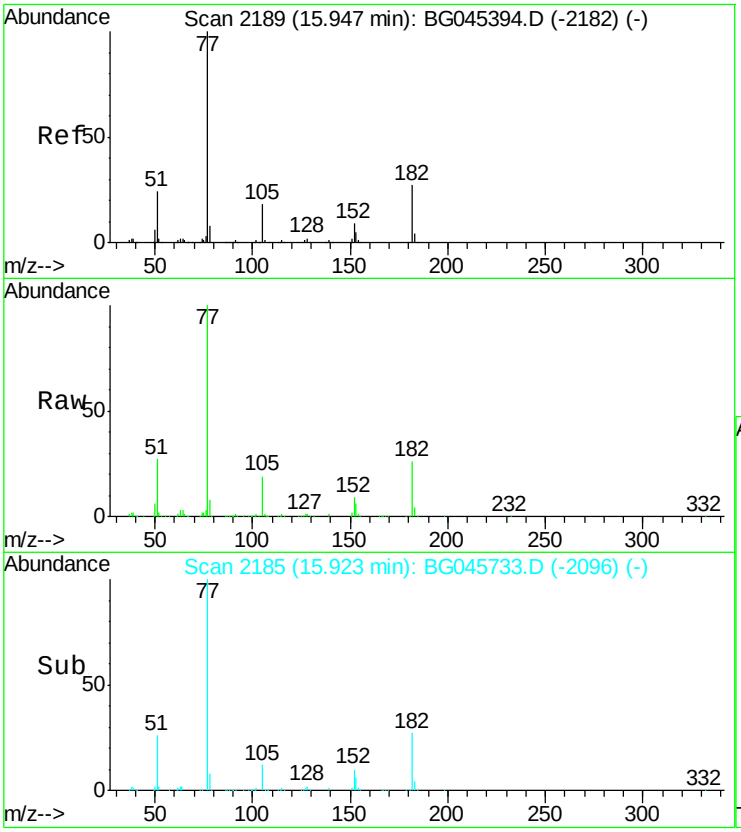




#62
4-Nitroaniline
Concen: 46.539 ng
RT: 15.66 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:138 Resp: 106417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 61.4 | 38.0 | 78.0 |
| 108 | 114.4 | 89.3 | 129.3 |



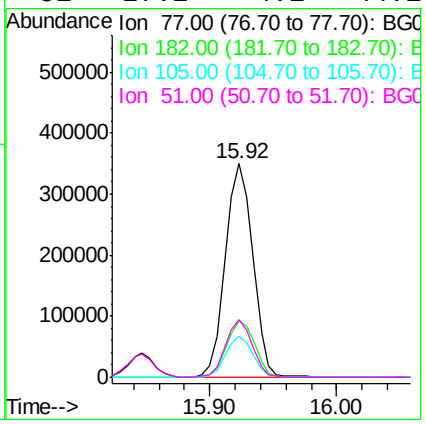


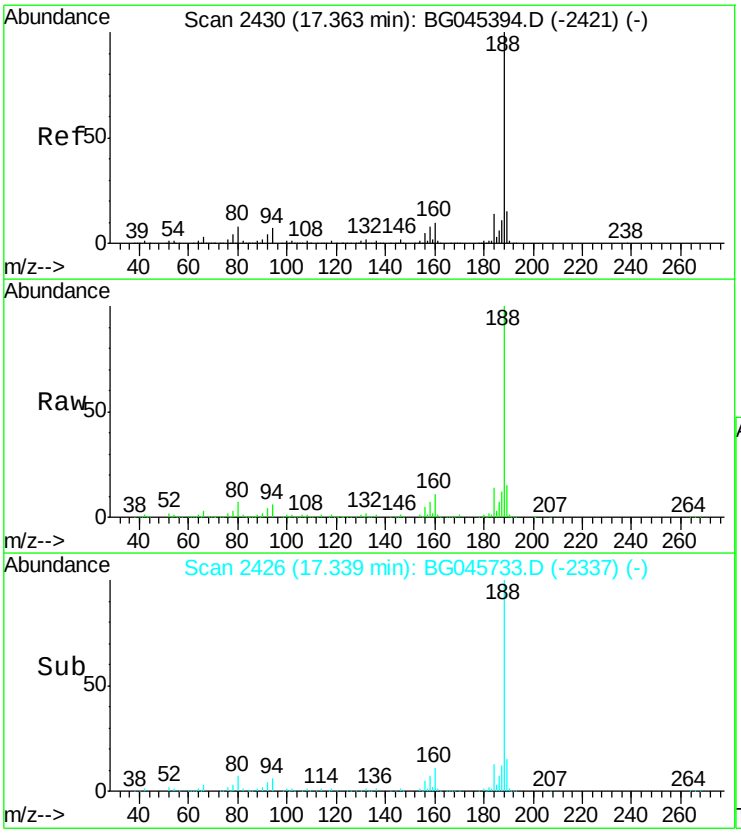

#63
Azobenzene
Concen: 56.265 ng
RT: 15.92 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion: 77 Resp: 521416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.3 | 6.5 | 46.5 |
| 105 | 18.9 | 0.0 | 37.9 |
| 51 | 27.2 | 4.1 | 44.1 |

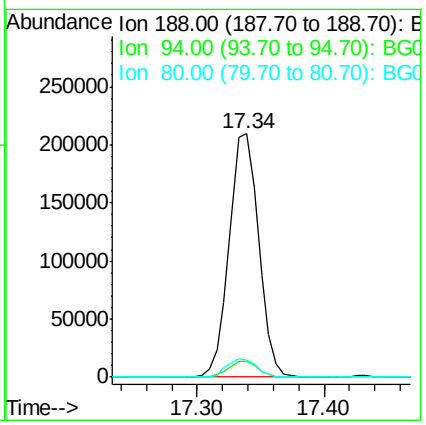


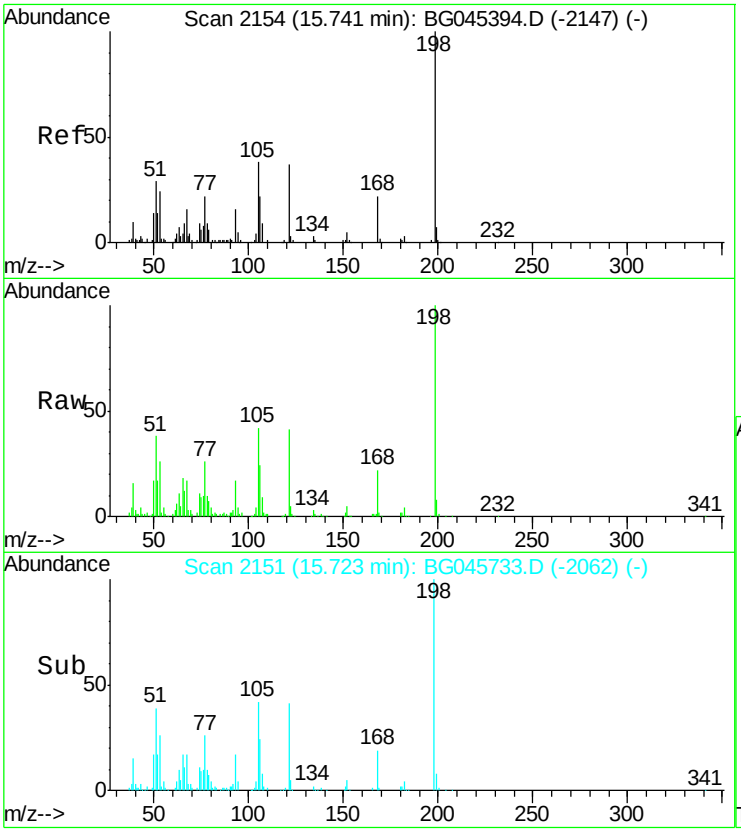




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:188 Resp: 336767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.5 | 5.5 | 8.3 |
| 80 | 7.1 | 6.6 | 10.0 |



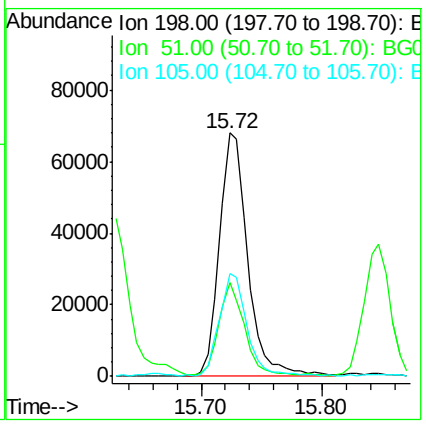


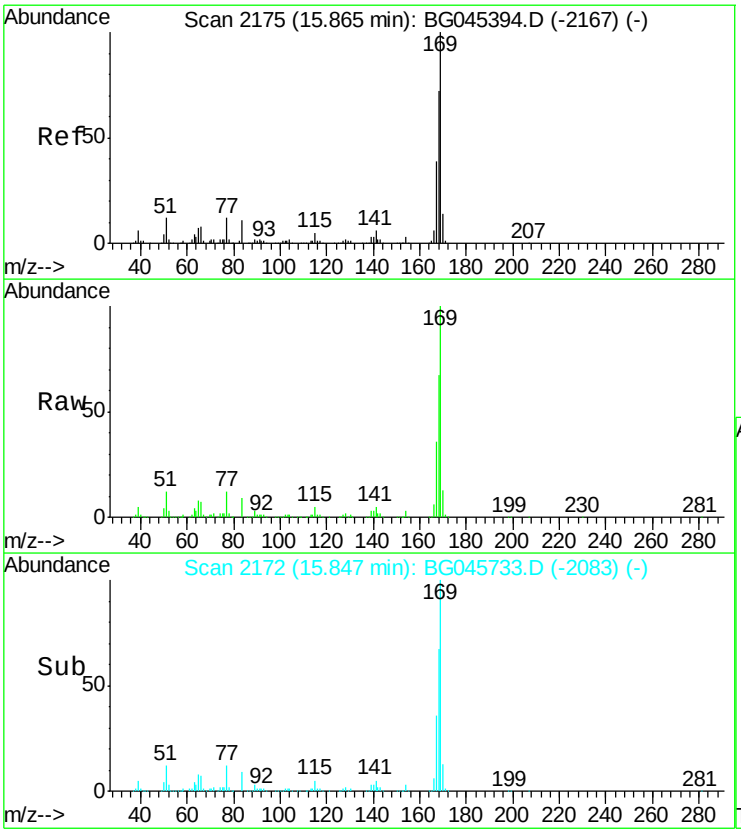

#65
4,6-Dinitro-2-methylphenol
Concen: 56.373 ng
RT: 15.72 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:198 Resp: 110565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 38.3 | 10.0 | 50.0 |
| 105 | 42.1 | 18.9 | 58.9 |

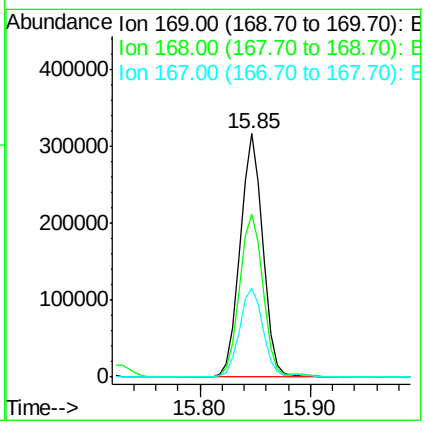


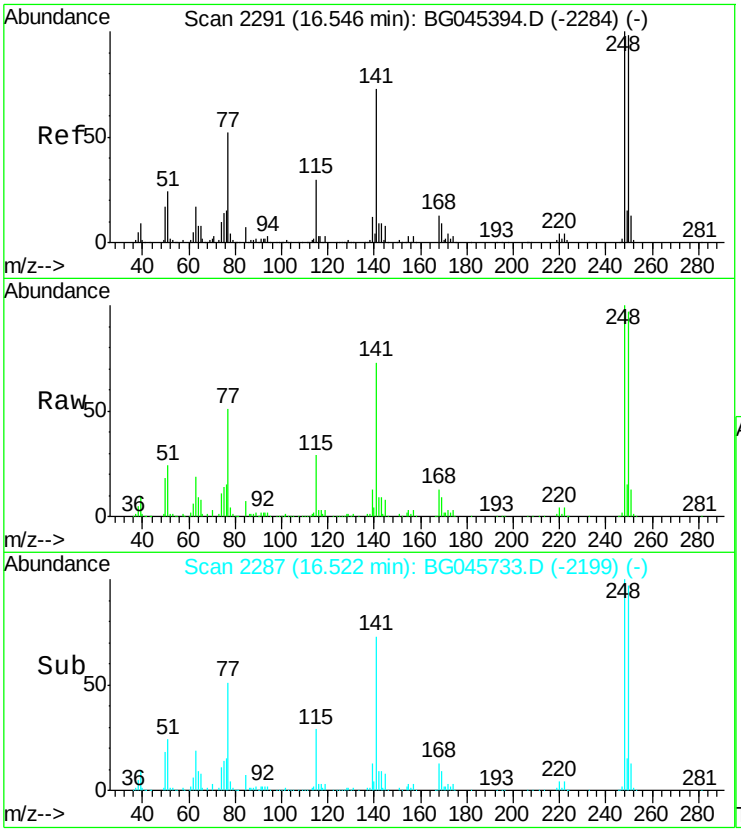




#66
n-Nitrosodiphenylamine
Concen: 56.697 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:169 Resp: 458436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.7 | 57.8 | 86.6 |
| 167 | 36.4 | 31.5 | 47.3 |



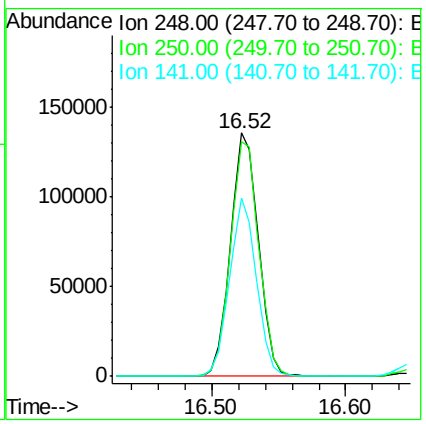


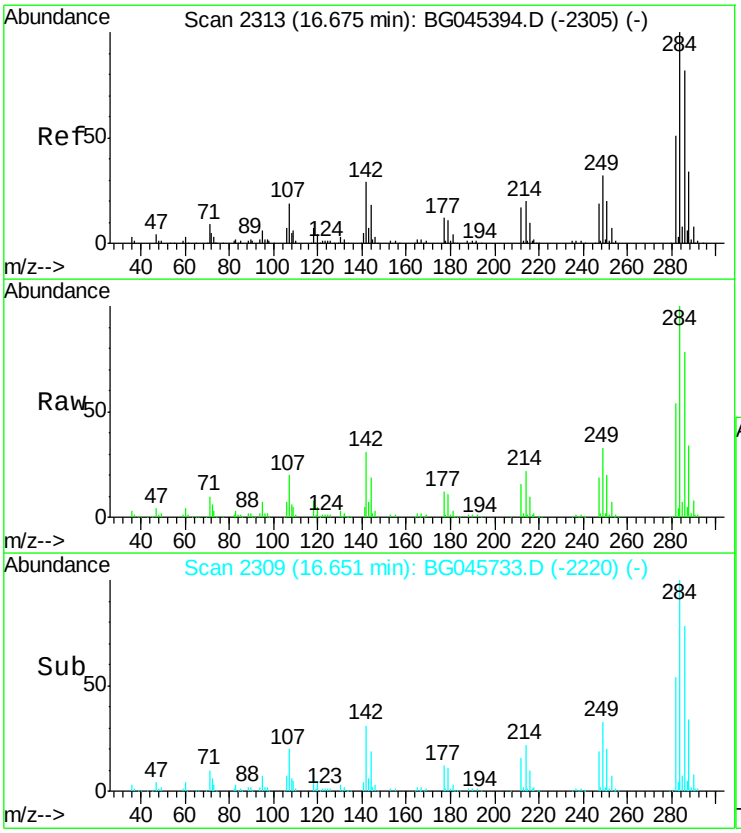

#67
4-Bromophenyl-phenylether
Concen: 54.242 ng
RT: 16.52 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:248 Resp: 197802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.6 | 78.6 | 117.8 |
| 141 | 73.4 | 58.2 | 87.2 |

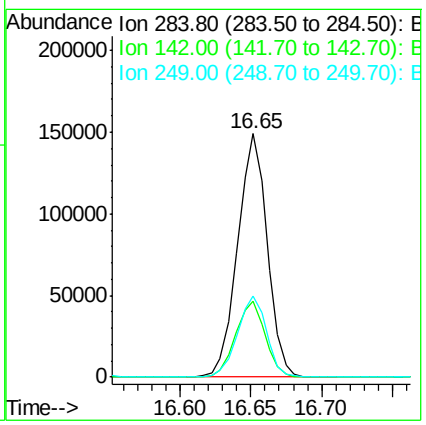


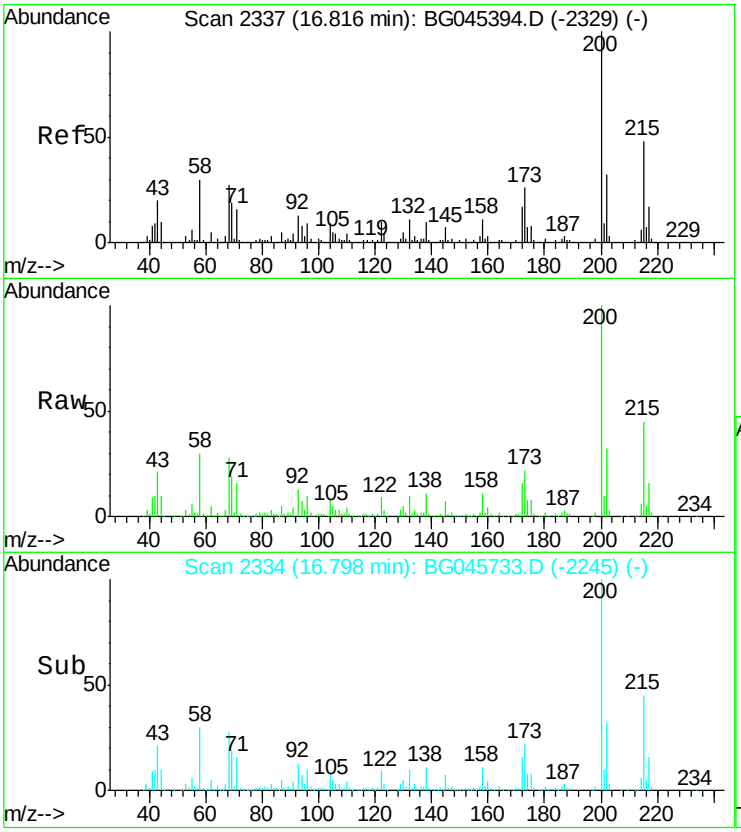




#68
Hexachlorobenzene
Concen: 57.024 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:284 Resp: 217495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.4 | 23.0 | 34.6 |
| 249 | 33.2 | 25.8 | 38.6 |



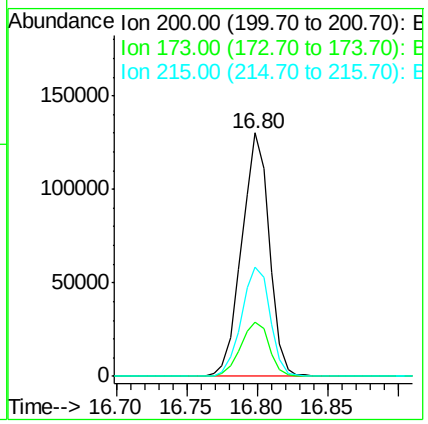


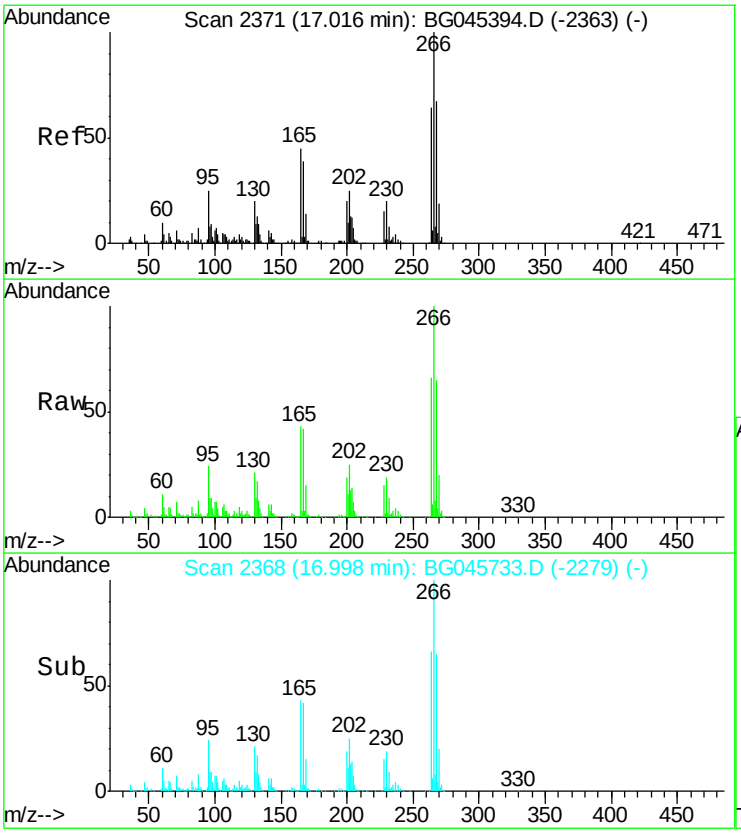

#69
Atrazine
Concen: 53.340 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:200 Resp: 177646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.3 | 5.5 | 45.5 |
| 215 | 45.0 | 28.2 | 68.2 |

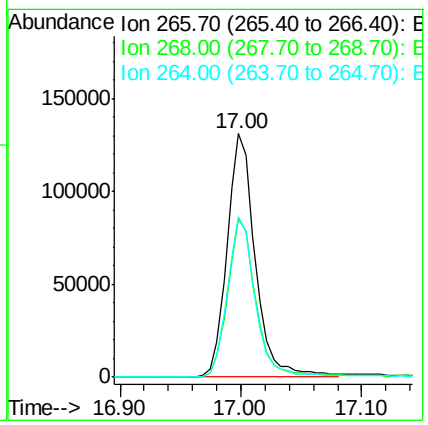


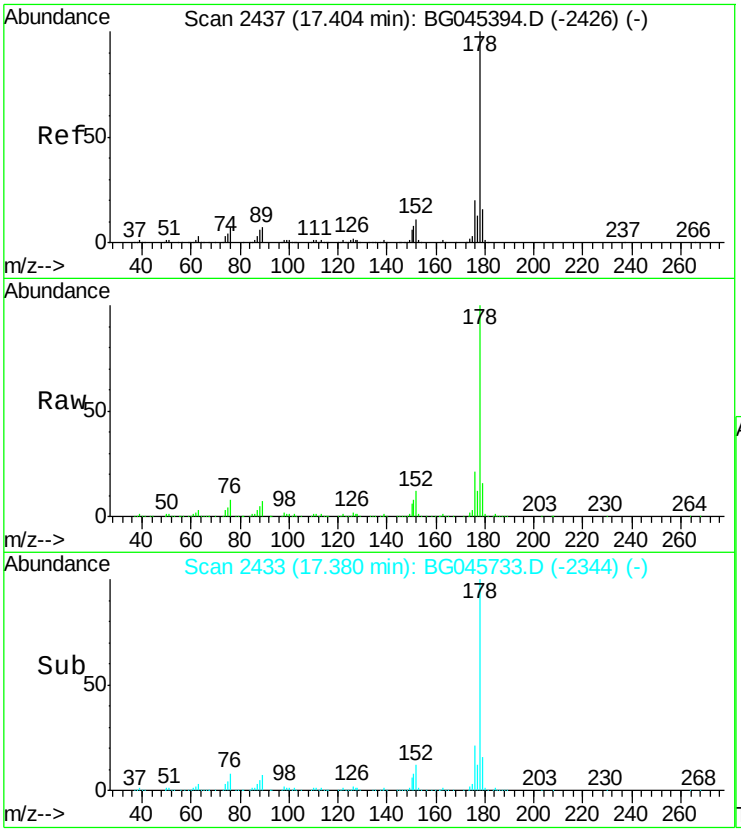




#70
Pentachlorophenol
Concen: 107.289 ng
RT: 17.00 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:266 Resp: 212477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.0 | 53.2 | 79.8 |
| 264 | 65.9 | 51.0 | 76.4 |



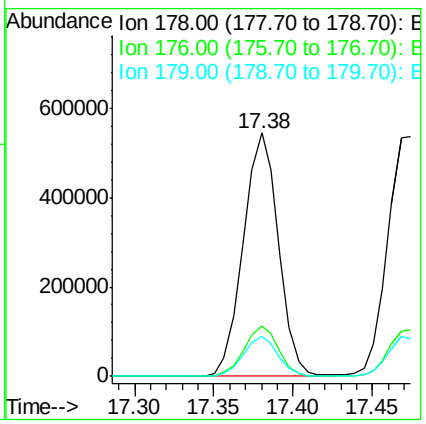


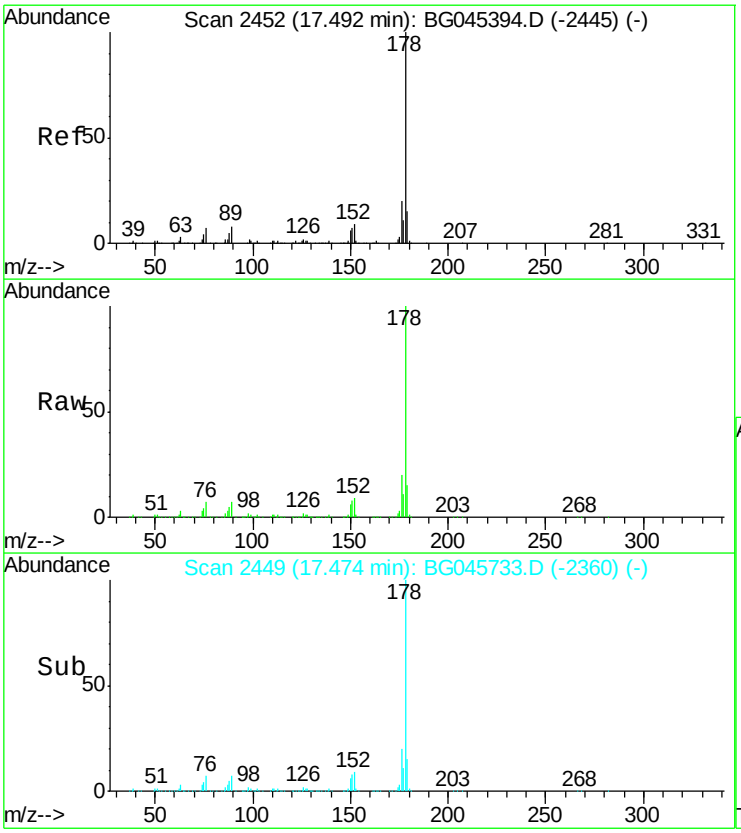

#71
Phenanthrene
Concen: 57.037 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:178 Resp: 838543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.7 | 16.2 | 24.4 |
| 179 | 16.3 | 13.1 | 19.7 |

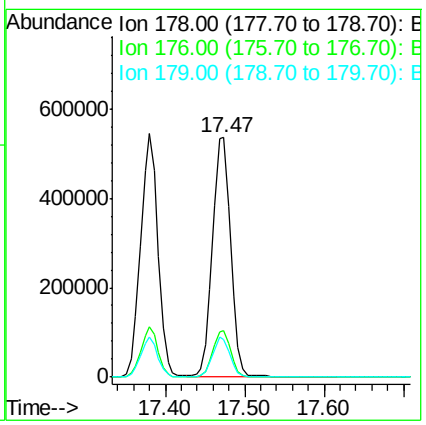


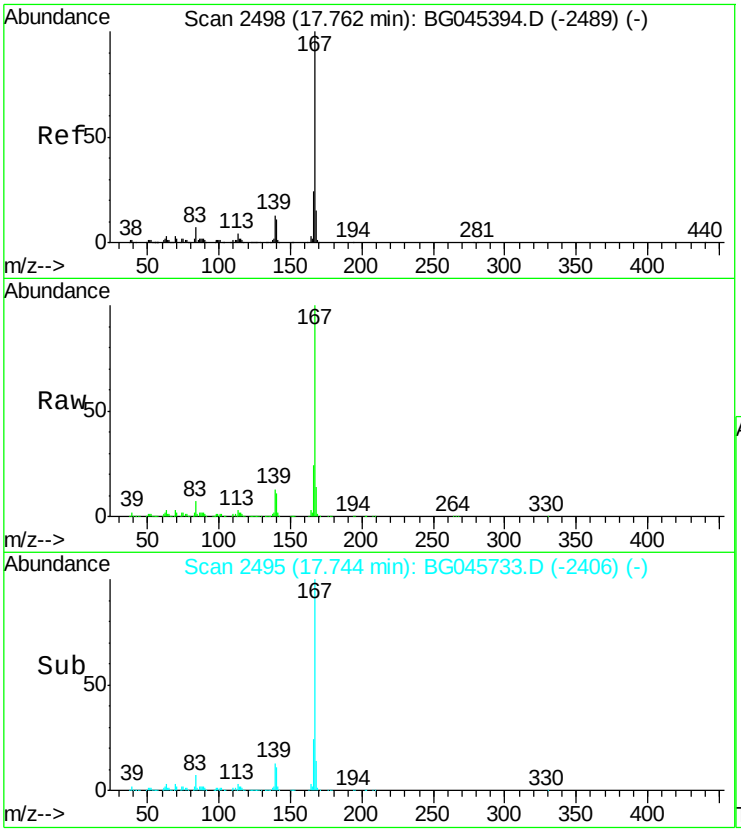




#72
Anthracene
Concen: 57.812 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:178 Resp: 853540

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.8 | 23.6 |
| 179 | 15.5 | 12.2 | 18.4 |



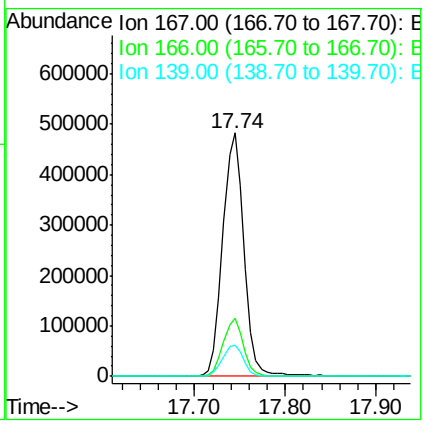


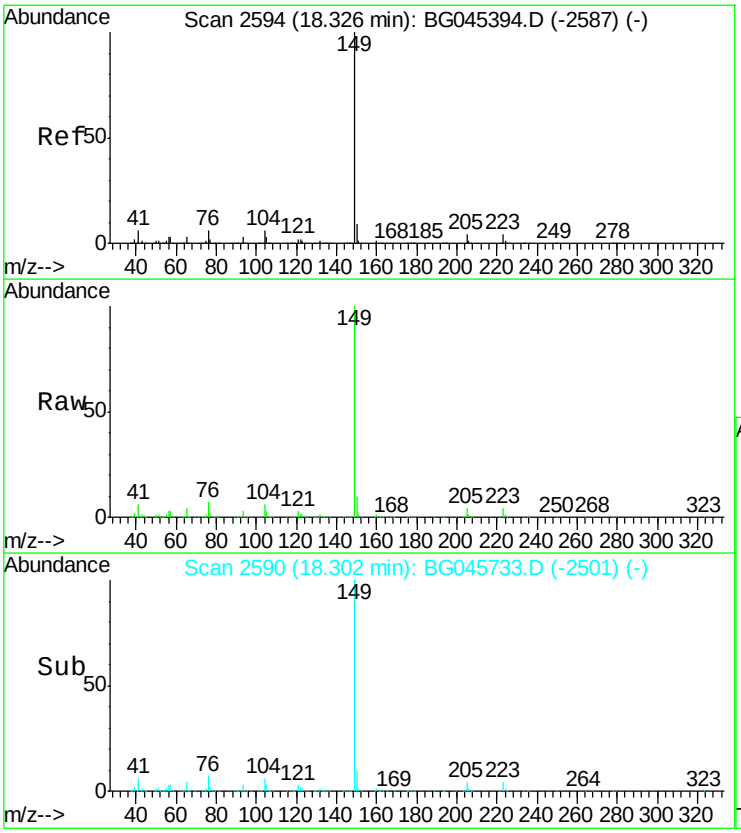

#73
Carbazole
Concen: 54.636 ng
RT: 17.74 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:167 Resp: 786289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 23.6 | 19.2 | 28.8 |
| 139 | 12.9 | 10.6 | 16.0 |

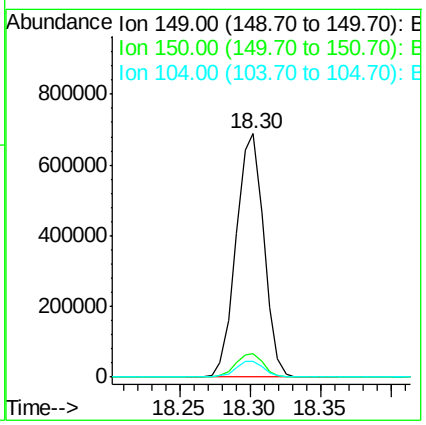


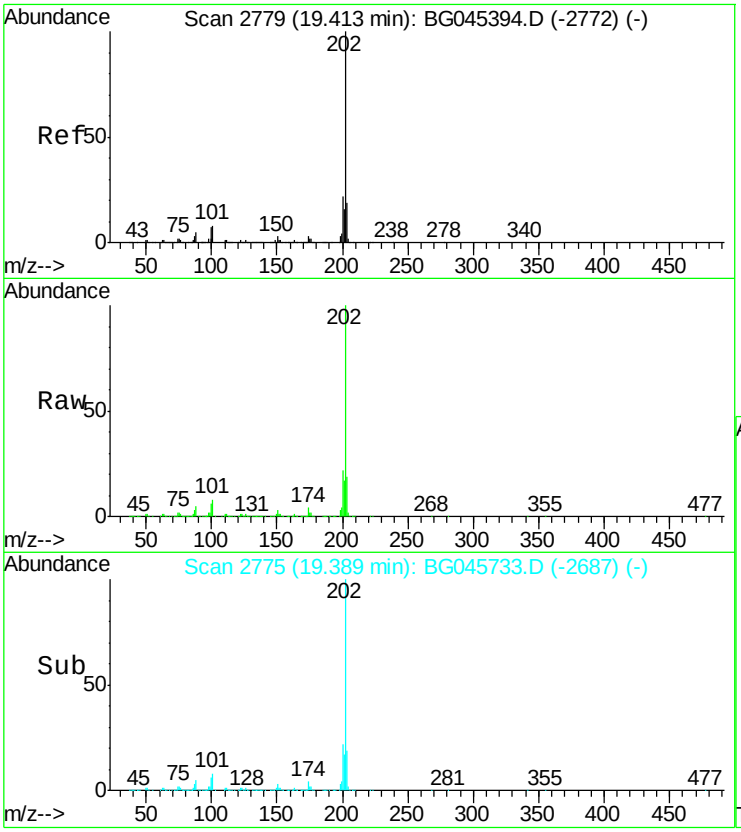




#74
Di-n-butylphthalate
Concen: 54.638 ng
RT: 18.30 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:149 Resp: 943773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.6 | 7.6 | 11.4 |
| 104 | 6.4 | 5.0 | 7.4 |



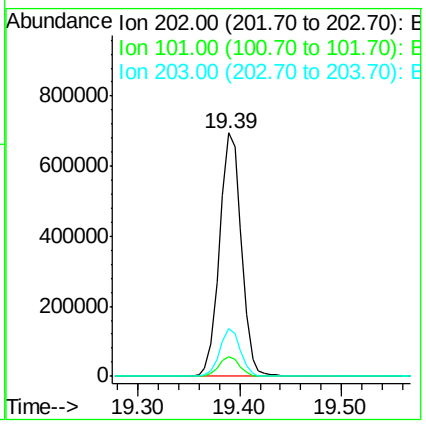


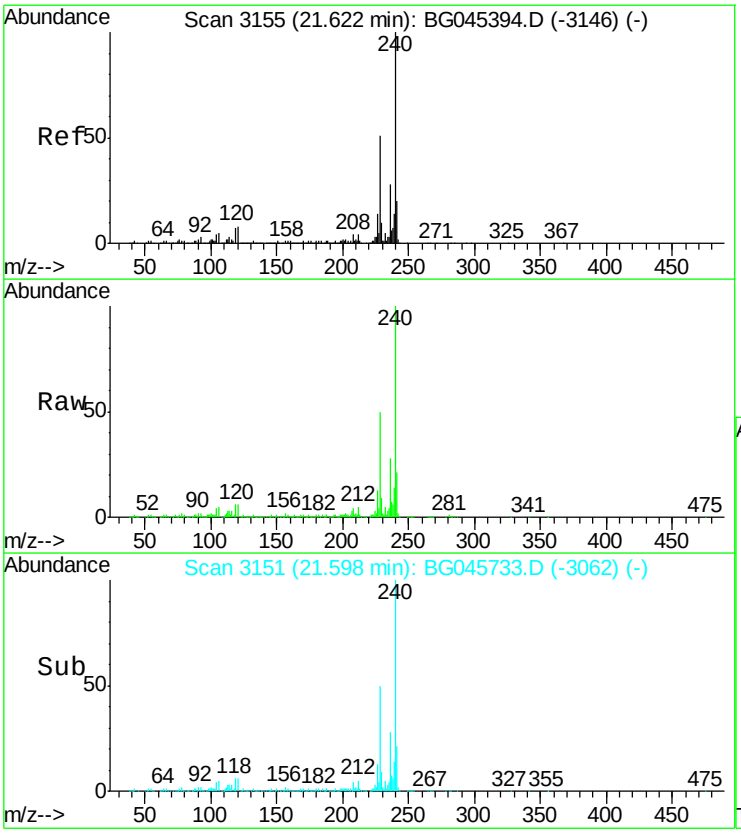

#75
Fluoranthene
Concen: 55.377 ng
RT: 19.39 min Scan# 2775
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:202 Resp: 1035537

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.1 | 0.0 | 28.3 |
| 203 | 19.5 | 0.0 | 39.0 |

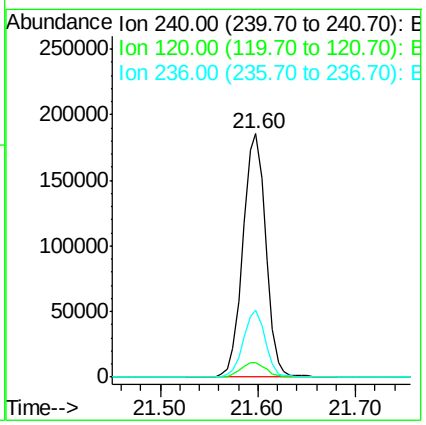


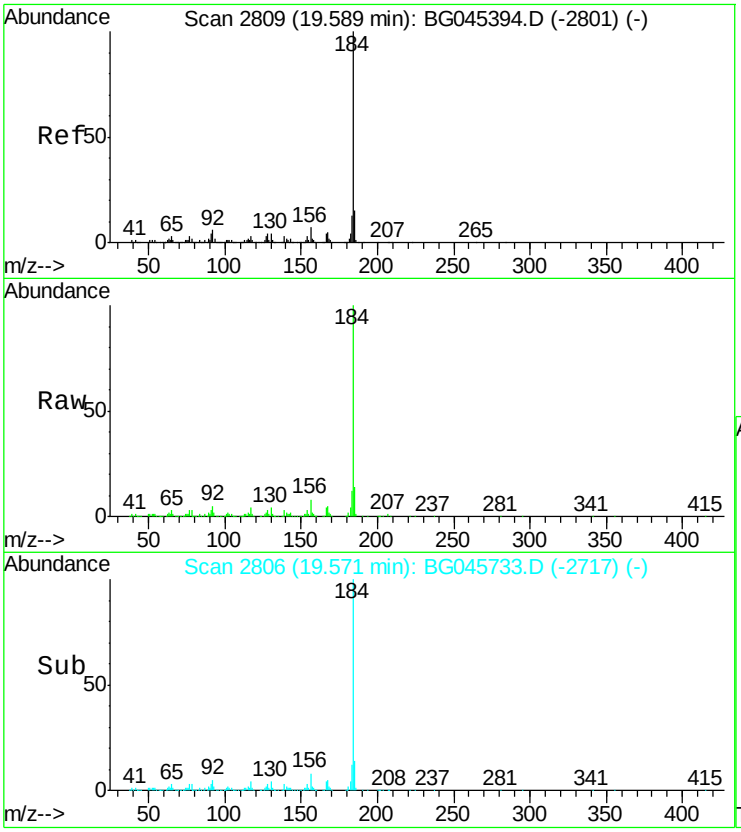




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:240 Resp: 304156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.7 | 6.1 | 9.1# |
| 236 | 27.6 | 22.3 | 33.5 |



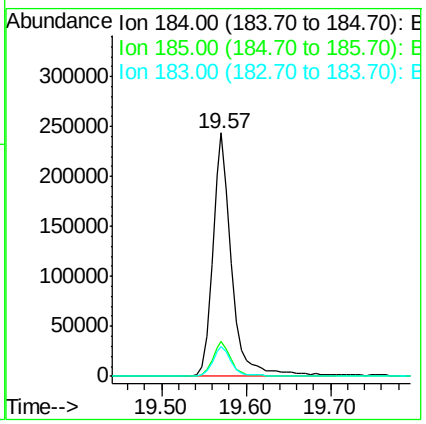


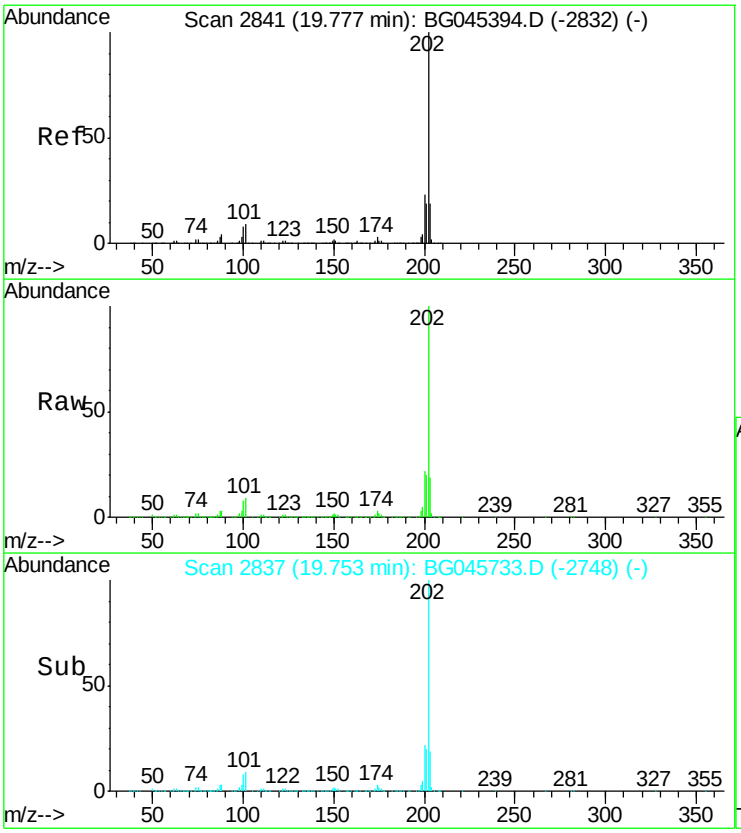

#77
Benzidine
Concen: 44.872 ng
RT: 19.57 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:184 Resp: 383310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.5 | 11.7 | 17.5 |
| 183 | 12.3 | 10.2 | 15.4 |

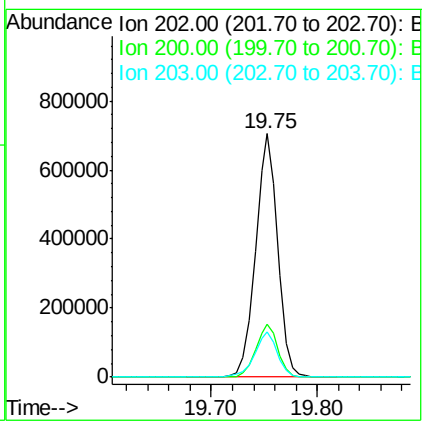


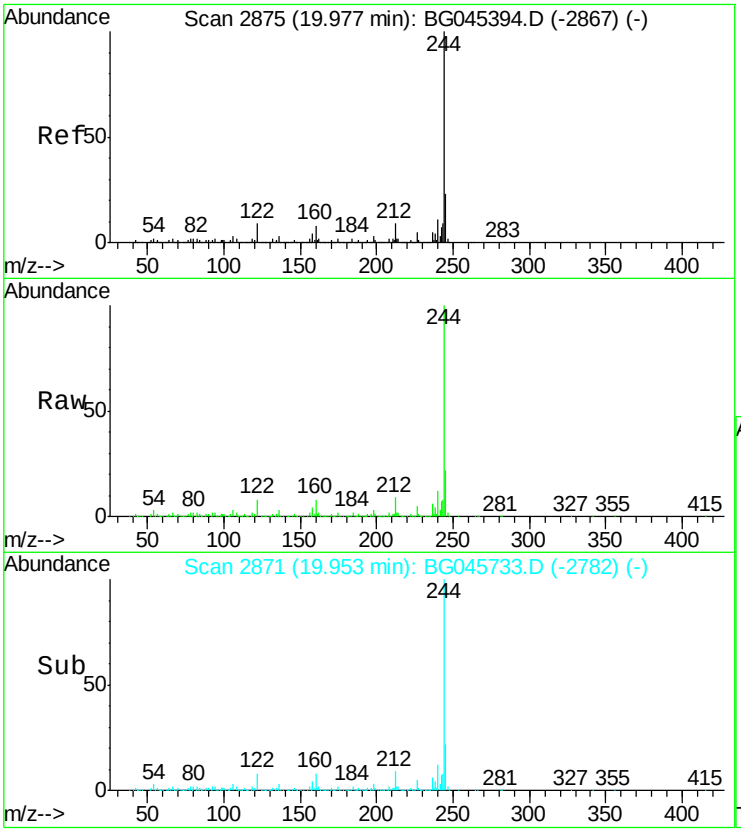




#78
Pyrene
Concen: 59.159 ng
RT: 19.75 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:202 Resp: 1025703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.0 | 18.2 | 27.2 |
| 203 | 18.5 | 15.1 | 22.7 |



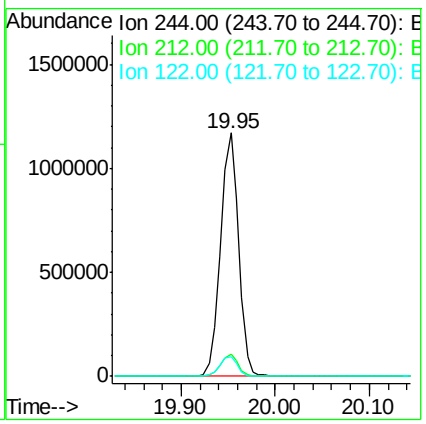


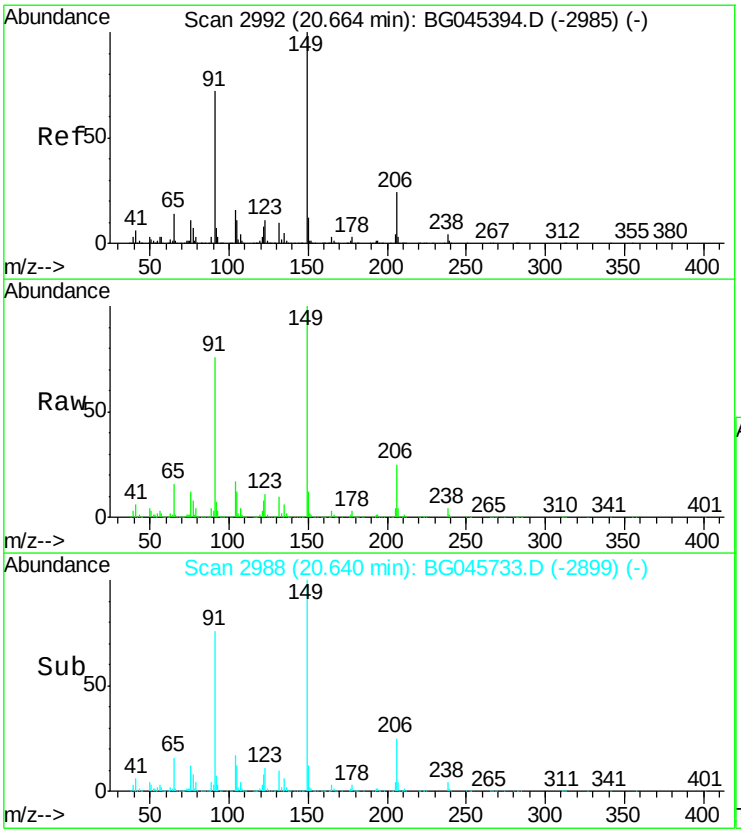

#79
Terphenyl-d14
Concen: 120.014 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:244 Resp: 1565104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.9 | 7.4 | 11.0 |
| 122 | 8.1 | 6.8 | 10.2 |

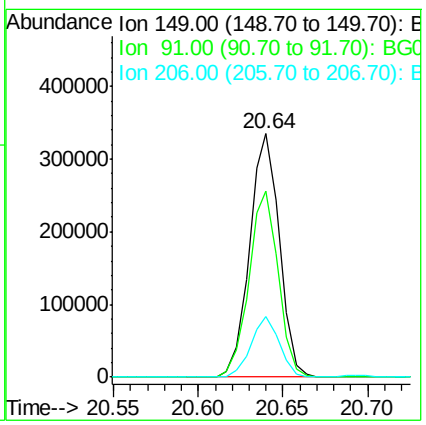


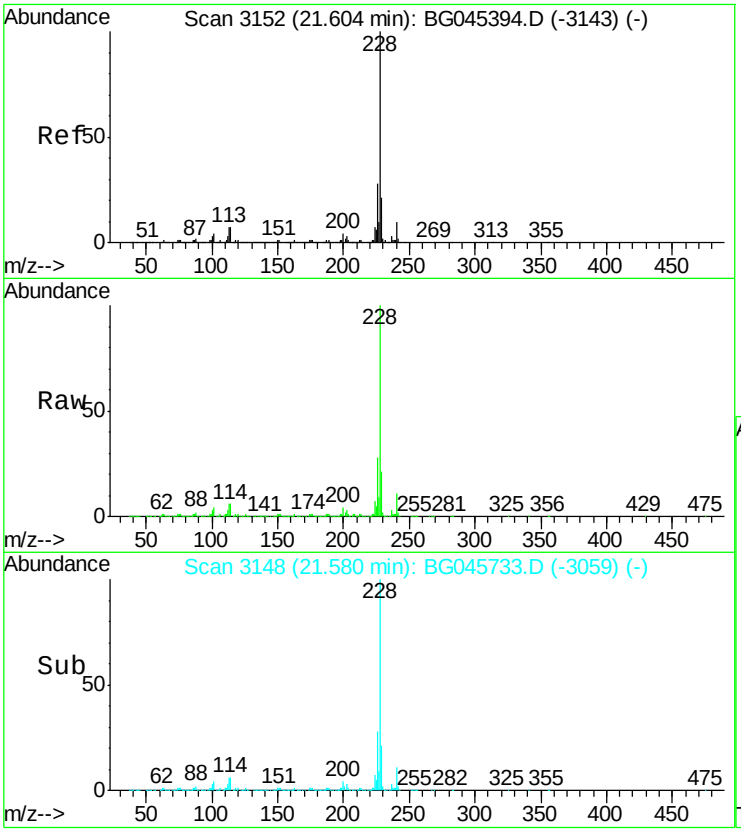




#80
Butylbenzylphthalate
Concen: 54.822 ng
RT: 20.64 min Scan# 2988
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:149 Resp: 410273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 76.5 | 57.8 | 86.6 |
| 206 | 25.0 | 19.1 | 28.7 |



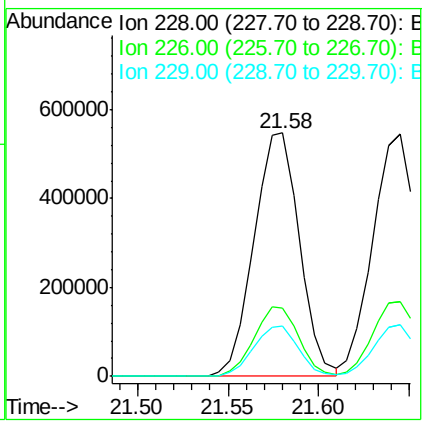


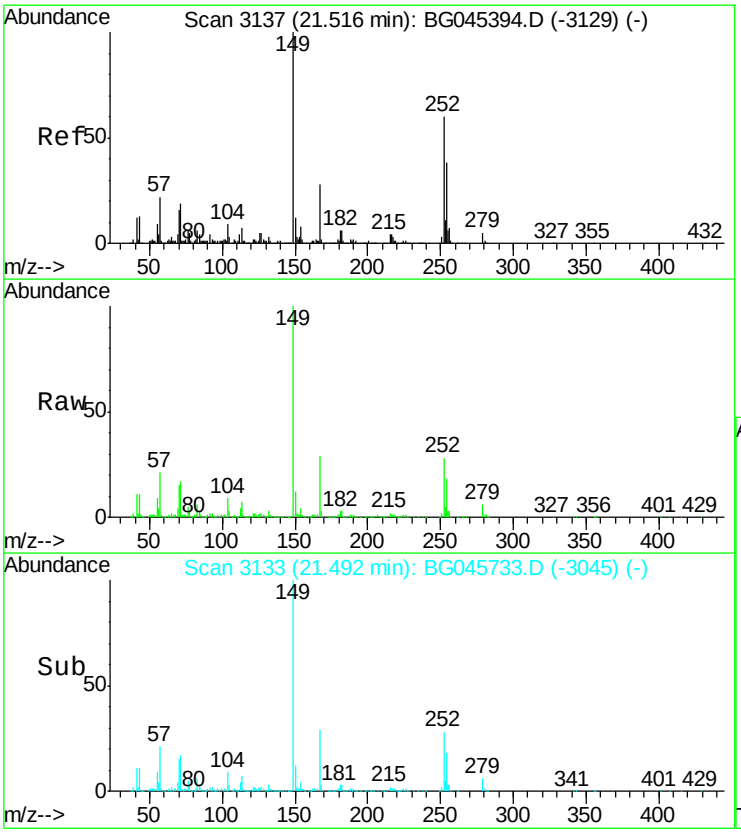

#81
Benzo(a)anthracene
Concen: 56.292 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:228 Resp: 953789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.0 | 22.7 | 34.1 |
| 229 | 20.7 | 16.7 | 25.1 |

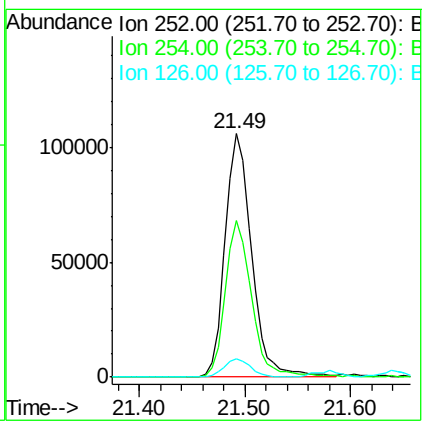


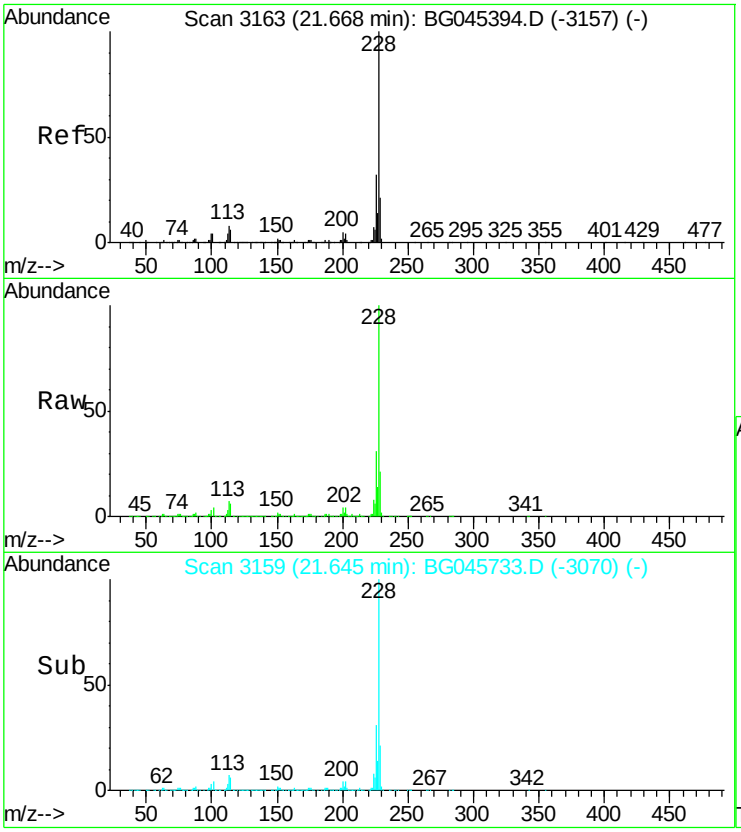




#82
3,3'-Dichlorobenzidine
Concen: 27.735 ng
RT: 21.49 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:252 Resp: 184335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.2 | 51.3 | 76.9 |
| 126 | 7.4 | 6.6 | 10.0 |



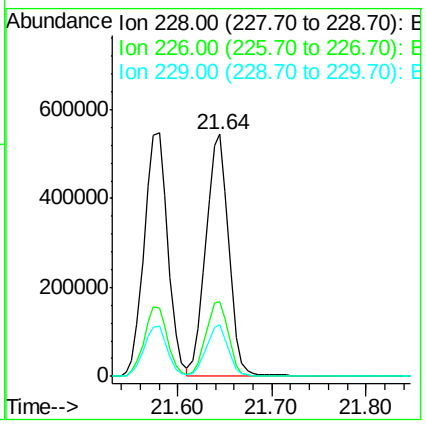


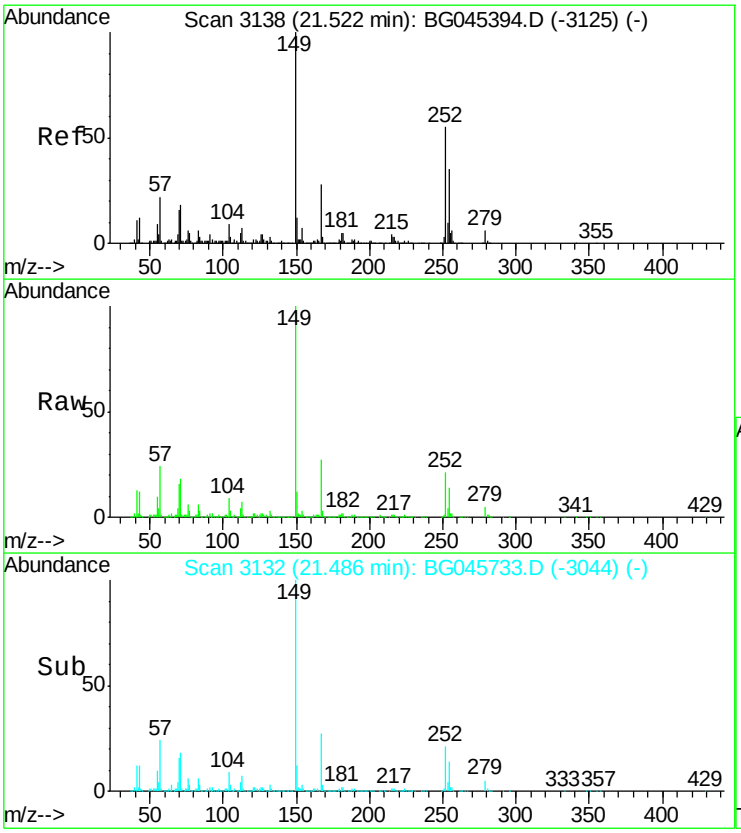

#83
Chrysene
Concen: 56.927 ng
RT: 21.64 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:228 Resp: 927450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.1 | 25.2 | 37.8 |
| 229 | 21.1 | 16.7 | 25.1 |

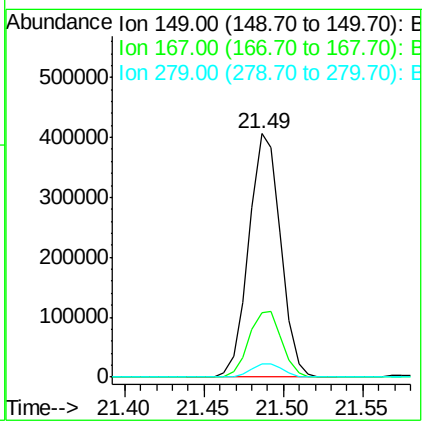


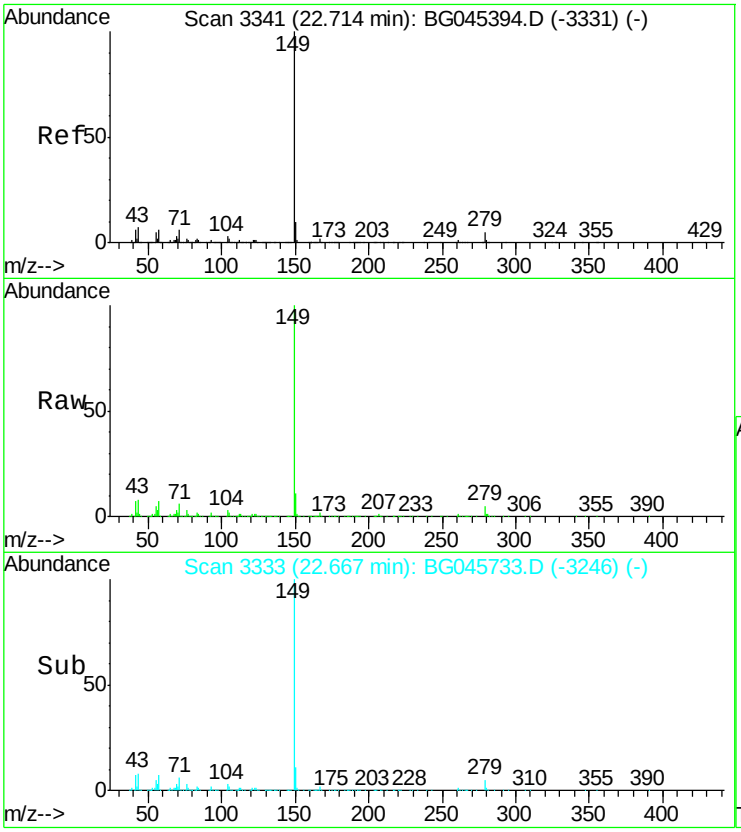




#84
Bis(2-ethylhexyl)phthalate
Concen: 54.813 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:149 Resp: 563876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.7 | 22.2 | 33.2 |
| 279 | 5.4 | 4.7 | 7.1 |



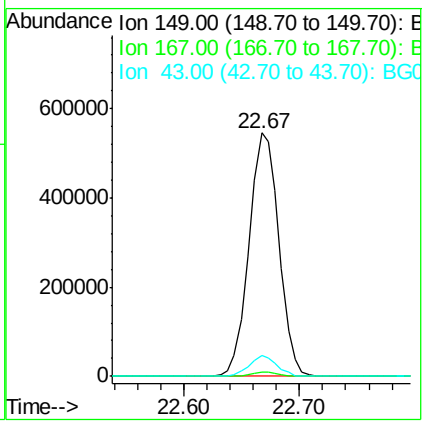


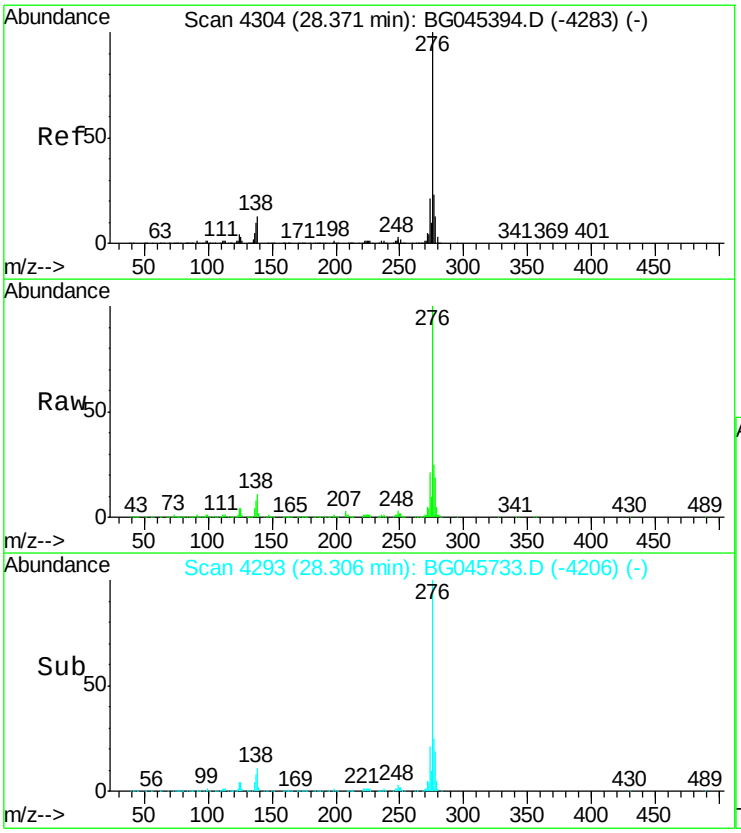

#85
Di-n-octyl phthalate
Concen: 55.624 ng
RT: 22.67 min Scan# 3333
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :** BNA_G
**ClientSampleId :** CL-02-060920MSD

Tgt Ion:149 Resp: 982804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.4 | 2.0 |
| 43 | 7.7 | 5.8 | 8.8 |

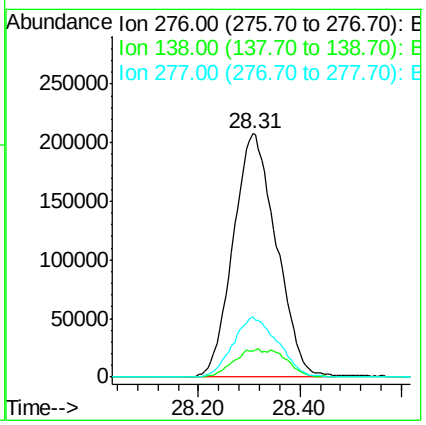


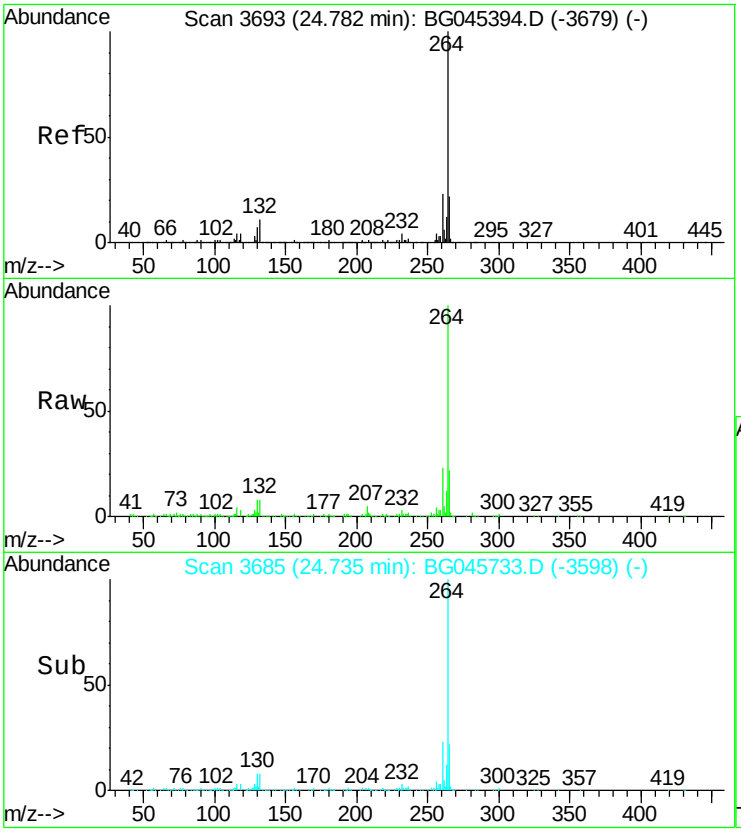




#86
Indeno(1,2,3-cd)pyrene
Concen: 57.679 ng
RT: 28.31 min Scan# 4293
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:276 Resp: 1228819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 8.6 | 8.6 | 12.8 |
| 277 | 25.8 | 20.2 | 30.4 |



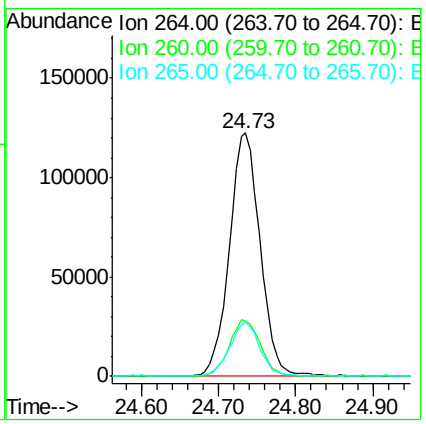


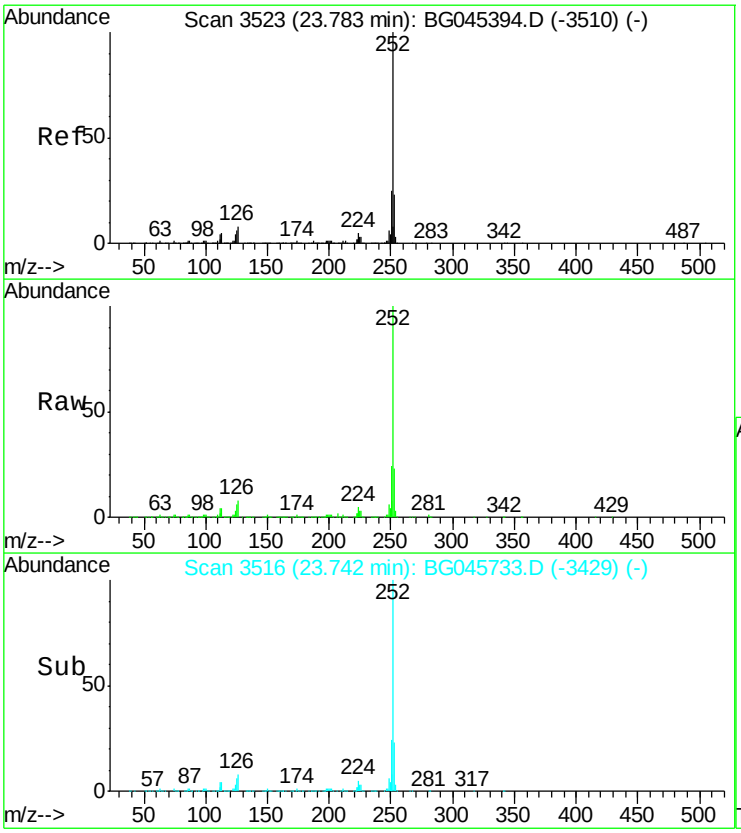

#87
Perylene-d12
Concen: 20.000 ng
RT: 24.73 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:264 Resp: 341711

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.5 | 18.2 | 27.4 |
| 265 | 22.2 | 17.6 | 26.4 |

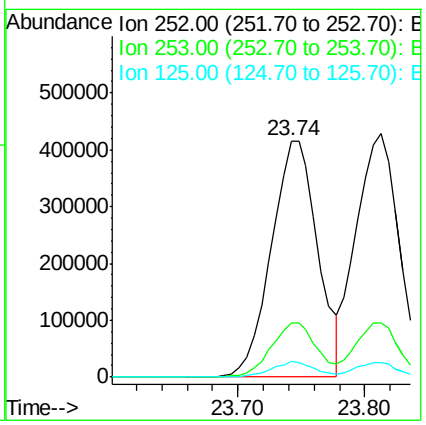


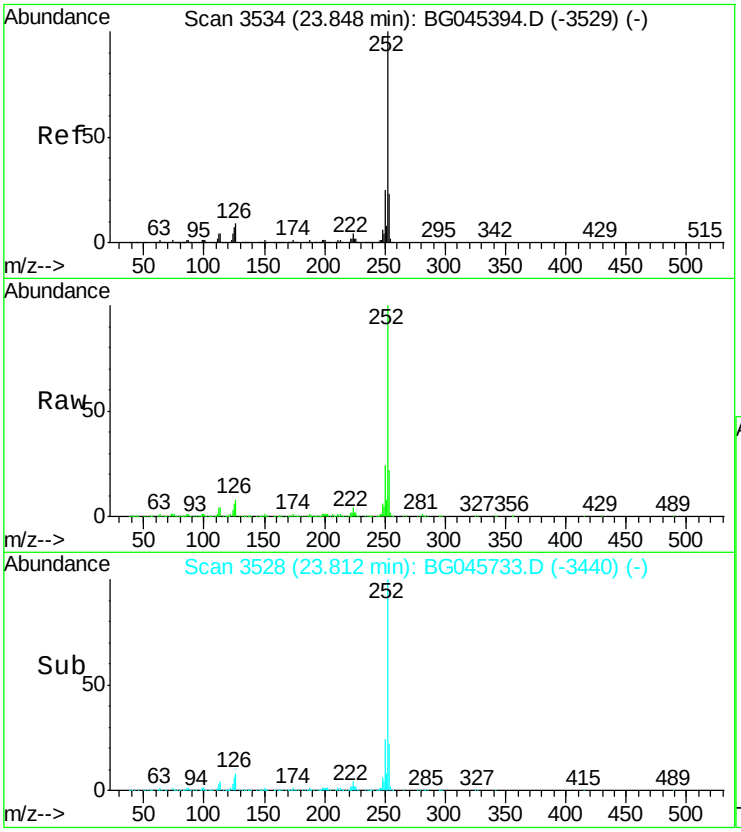




#88
Benzo(b)fluoranthene
Concen: 57.678 ng
RT: 23.74 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:252 Resp: 1057034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.8 | 18.1 | 27.1 |
| 125 | 6.5 | 5.0 | 7.6 |



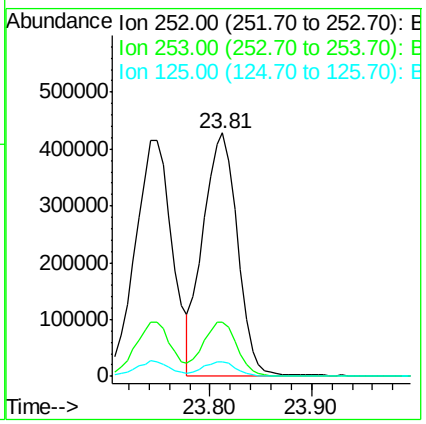


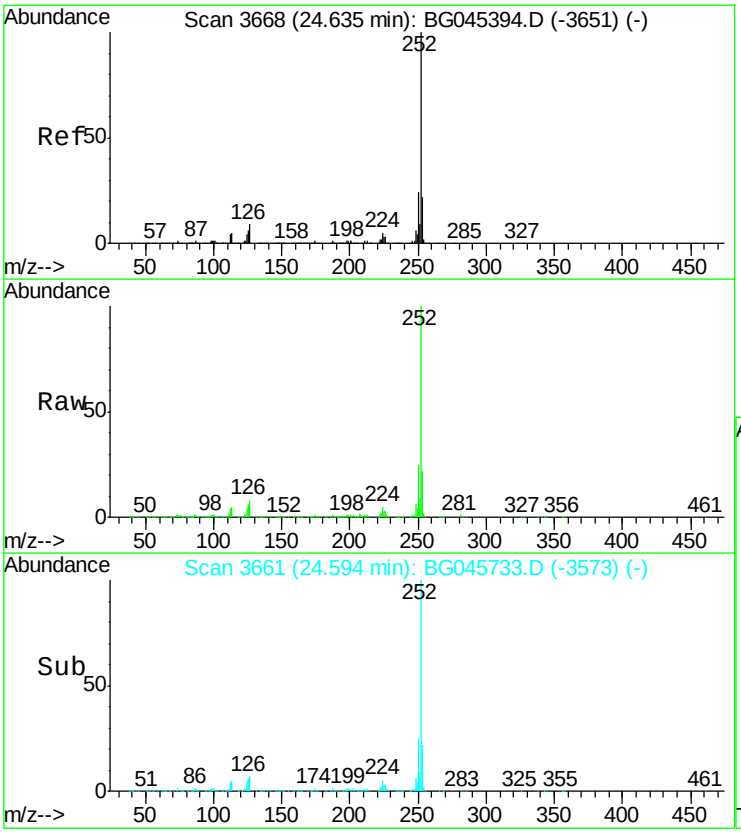

#89
Benzo(k)fluoranthene
Concen: 58.360 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:252 Resp: 1004810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.4 | 27.6 |
| 125 | 5.8 | 5.7 | 8.5 |

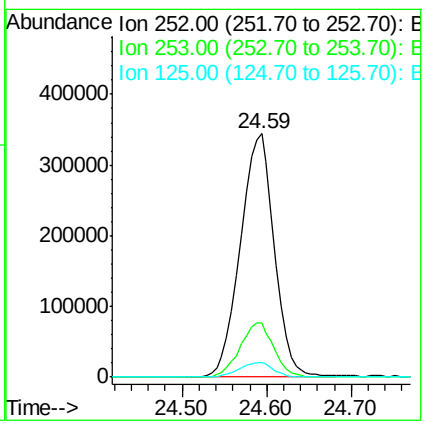


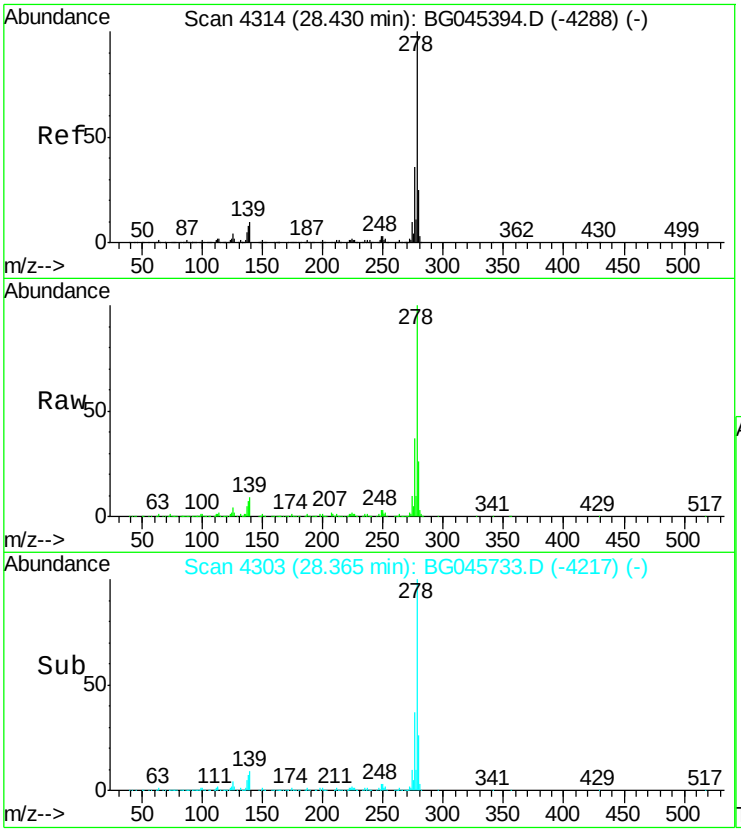




#90
Benzo(a)pyrene
Concen: 56.199 ng
RT: 24.59 min Scan# 3661
Delta R.T. -0.01 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:252 Resp: 959196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.2 | 25.8 |
| 125 | 5.7 | 5.0 | 7.6 |



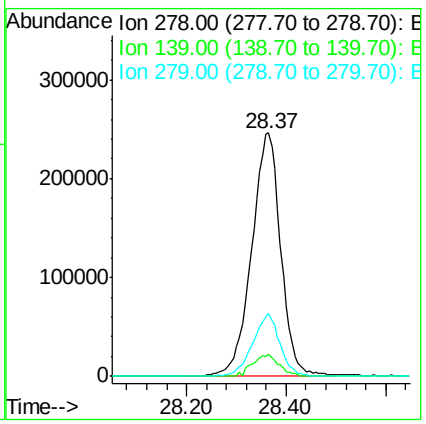


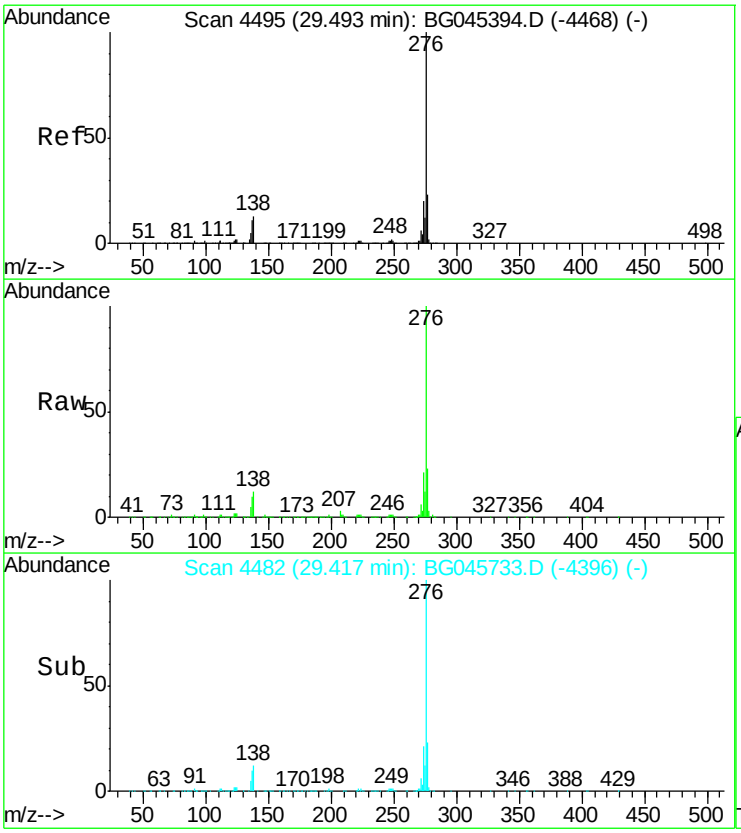

#91
Dibenzo(a,h)anthracene
Concen: 58.199 ng
RT: 28.37 min Scan# 4303
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

**Instrument :**
BNA_G
**ClientSampleId :**
CL-02-060920MSD

Tgt Ion:278 Resp: 998195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.3 | 7.8 | 11.8 |
| 279 | 25.8 | 19.8 | 29.8 |




#92
Benzo(g,h,i)perylene
Concen: 58.157 ng
RT: 29.42 min Scan# 4482
Delta R.T. -0.02 min
Lab File: BG045733.D
Acq: 11 Jun 2020 23:00

Tgt Ion:276 Resp: 997606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 22.8 | 18.1 | 27.1 |
| 138 | 11.8 | 10.2 | 15.4 |