Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
Data File : BS8.D
Acq On : 2 May 2020 4:59
Operator : CG/JU
Sample : BS
Misc :
ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: May 02 07:06:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 11:17:49 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.99 | 152 | 69742 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.80 | 136 | 289992 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.63 | 164 | 215368 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.38 | 188 | 517453 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.64 | 240 | 477965 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 24.82 | 264 | 527607 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.56 | 112 | 621874 | 147.21 | ng | | 0.00 |
| 7) Phenol-d6 | 7.16 | 99 | 860824 | 137.15 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.15 | 82 | 544764 | 85.72 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.12 | 330 | 455183 | 136.81 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.26 | 172 | 1309779 | 89.18 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.99 | 244 | 2177267 | 99.29 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.45 | 88 | 80098 | 42.665 | ng | | 96 |
| 3) Pyridine | 3.84 | 79 | 182610 | 31.591 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.75 | 42 | 82141 | 46.388 | ng | | 97 |
| 6) Aniline | 7.31 | 93 | 306296 | 37.534 | ng | | 98 |
| 8) 2-Chlorophenol | 7.56 | 128 | 233007 | 51.323 | ng | | 97 |
| 9) Benzaldehyde | 7.12 | 77 | 182196 | 58.007 | ng | | 97 |
| 10) Phenol | 7.19 | 94 | 312836 | 49.810 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.40 | 93 | 212074 | 42.410 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.88 | 146 | 245981 | 45.979 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 8.03 | 146 | 246831 | 46.303 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.34 | 146 | 231930 | 45.477 | ng | | 97 |
| 15) Benzyl Alcohol | 8.23 | 79 | 240653 | 45.732 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52 | 45 | 197226 | 40.180 | ng | | 94 |
| 17) 2-Methylphenol | 8.44 | 107 | 211751 | 43.698 | ng | | 96 |
| 18) Hexachloroethane | 9.08 | 117 | 92555 | 46.185 | ng | | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.80 | 70 | 193699 | 43.639 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.77 | 107 | 294859 | 43.472 | ng | | 98 |
| 22) Acetophenone | 8.81 | 105 | 355973 | 45.392 | ng | # | 98 |
| 24) Nitrobenzene | 9.19 | 77 | 293346 | 45.029 | ng | | 95 |
| 25) Isophorone | 9.72 | 82 | 550846 | 42.324 | ng | | 97 |
| 26) 2-Nitrophenol | 9.91 | 139 | 136477 | 48.635 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.97 | 122 | 225343 | 50.610 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 10.20 | 93 | 303446 | 44.374 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.45 | 162 | 251042 | 48.829 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.67 | 180 | 269743 | 46.340 | ng | | 97 |
| 31) Naphthalene | 10.85 | 128 | 728419 | 45.917 | ng | | 99 |
| 32) Benzoic acid | 10.13 | 122 | 155262 | 43.807 | ng | | 89 |
| 33) 4-Chloroaniline | 10.95 | 127 | 159549 | 21.565 | ng | | 98 |
| 34) Hexachlorobutadiene | 11.15 | 225 | 184666 | 46.271 | ng | | 97 |
| 35) Caprolactam | 11.72 | 113 | 56380 | 27.553 | ng | | 100 |
| 36) 4-Chloro-3-methylphenol | 12.09 | 107 | 285788 | 47.319 | ng | | 98 |
| 37) 2-Methylnaphthalene | 12.46 | 142 | 561871 | 45.631 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.67 | 142 | 536042 | 46.114 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 319482 | 46.073 | ng | | 99 |

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Acq On : 2 May 2020 4:59
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Sample : BS
Misc :
ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: May 02 07:06:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 11:17:49 2020
Response via : Initial Calibration

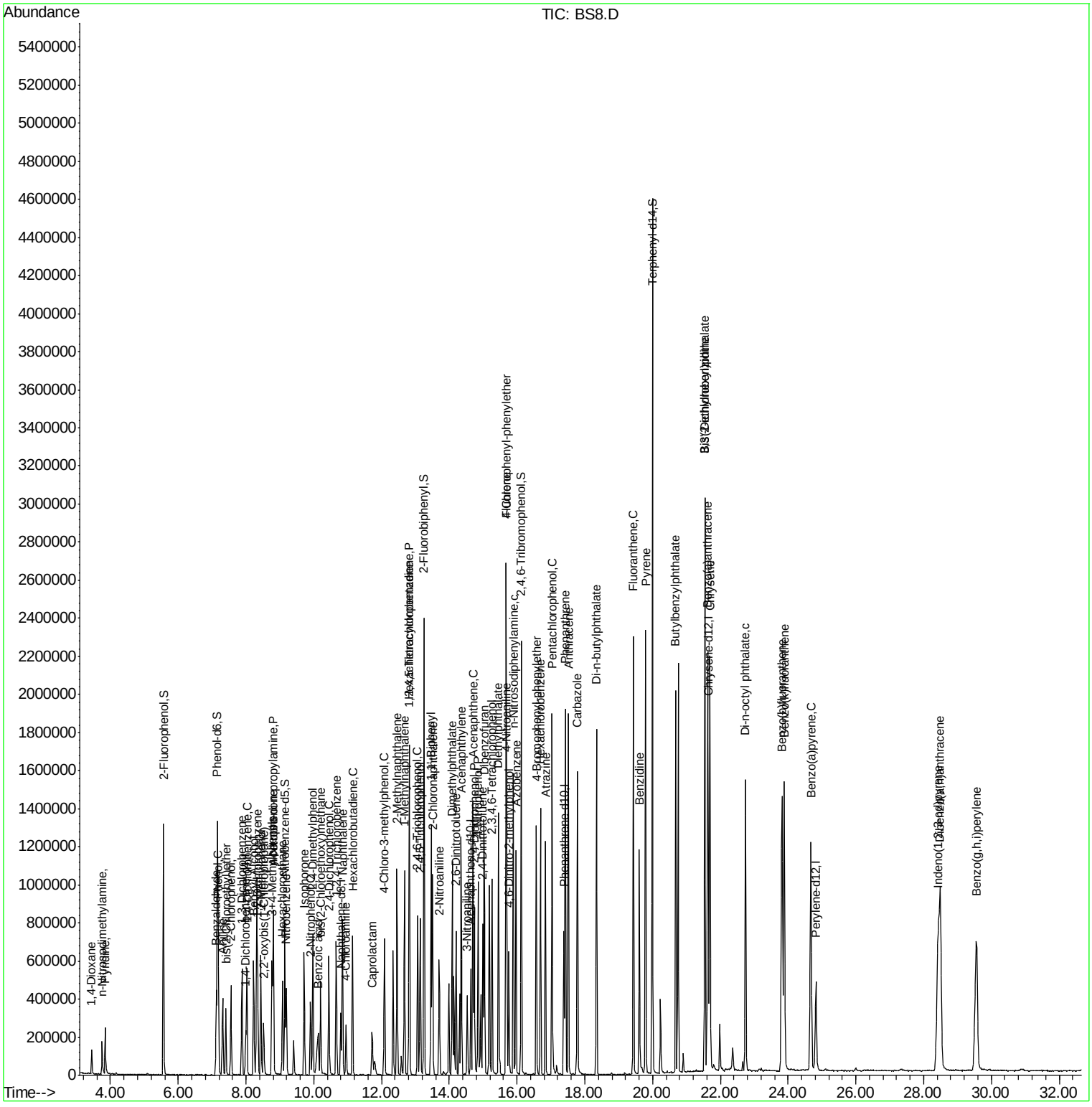
| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.82 | 237 | 413335 | 95.370 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.06 | 196 | 230911 | 47.183 | ng | | 96 |
| 44) 2,4,5-Trichlorophenol | 13.14 | 196 | 252436 | 45.316 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.47 | 154 | 731394 | 44.680 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.51 | 162 | 564478 | 45.130 | ng | | 100 |
| 48) 2-Nitroaniline | 13.70 | 65 | 184600 | 44.857 | ng | | 97 |
| 49) Acenaphthylene | 14.35 | 152 | 946195 | 46.442 | ng | | 99 |
| 50) Dimethylphthalate | 14.08 | 163 | 775304 | 44.212 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.20 | 165 | 179898 | 45.865 | ng | | 97 |
| 52) Acenaphthene | 14.69 | 154 | 571423 | 41.453 | ng | | 97 |
| 53) 3-Nitroaniline | 14.53 | 138 | 120536 | 28.019 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 14.74 | 184 | 227116 | 97.376 | ng | | 92 |
| 55) Dibenzofuran | 15.03 | 168 | 914148 | 45.487 | ng | | 97 |
| 56) 4-Nitrophenol | 14.85 | 139 | 285240 | 85.515 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 14.99 | 165 | 252732 | 44.091 | ng | # | 97 |
| 58) Fluorene | 15.68 | 166 | 753709 | 45.914 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.26 | 232 | 245381 | 49.506 | ng | | 98 |
| 60) Diethylphthalate | 15.45 | 149 | 796311 | 43.554 | ng | | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204 | 421674 | 44.628 | ng | | 98 |
| 62) 4-Nitroaniline | 15.70 | 138 | 178127 | 39.922 | ng | | 95 |
| 63) Azobenzene | 15.97 | 77 | 756283 | 44.866 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.76 | 198 | 165788 | 48.743 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.89 | 169 | 678664 | 45.648 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.57 | 248 | 294538 | 44.122 | ng | | 97 |
| 68) Hexachlorobenzene | 16.69 | 284 | 324267 | 46.837 | ng | | 98 |
| 69) Atrazine | 16.84 | 200 | 265029 | 49.334 | ng | | 96 |
| 70) Pentachlorophenol | 17.03 | 266 | 398370 | 93.796 | ng | | 98 |
| 71) Phenanthrene | 17.42 | 178 | 1226059 | 46.109 | ng | | 99 |
| 72) Anthracene | 17.51 | 178 | 1253593 | 46.998 | ng | | 99 |
| 73) Carbazole | 17.78 | 167 | 1147122 | 42.379 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.34 | 149 | 1376974 | 47.003 | ng | | 99 |
| 75) Fluoranthene | 19.43 | 202 | 1524251 | 49.369 | ng | | 99 |
| 77) Benzidine | 19.61 | 184 | 770553 | 57.287 | ng | | 99 |
| 78) Pyrene | 19.79 | 202 | 1495410 | 45.383 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.68 | 149 | 619093 | 45.326 | ng | | 100 |
| 81) Benzo(a)anthracene | 21.63 | 228 | 1466317 | 47.333 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.54 | 252 | 458593 | 37.192 | ng | | 98 |
| 83) Chrysene | 21.69 | 228 | 1391386 | 46.746 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149 | 877622 | 46.719 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.74 | 149 | 1487507 | 45.791 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 28.42 | 276 | 1903694 | 48.172 | ng | # | 98 |
| 88) Benzo(b)fluoranthene | 23.82 | 252 | 1599311 | 48.392 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.89 | 252 | 1501769 | 47.782 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.68 | 252 | 1453489 | 46.581 | ng | | 97 |
| 91) Dibenzo(a,h)anthracene | 28.49 | 278 | 1529771 | 48.654 | ng | | 96 |
| 92) Benzo(g,h,i)perylene | 29.56 | 276 | 1565507 | 49.663 | ng | | 98 |

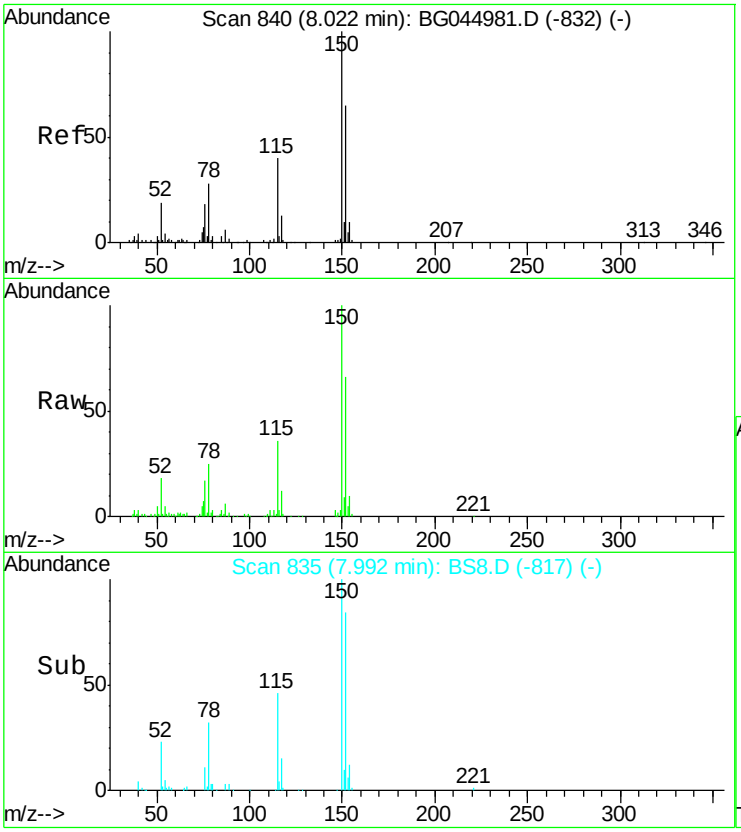
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050120\
Data File : BS8.D
Acq On : 2 May 2020 4:59
Operator : CG/JU
Sample : BS
Misc :
ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: May 02 07:06:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 11:17:49 2020
Response via : Initial Calibration



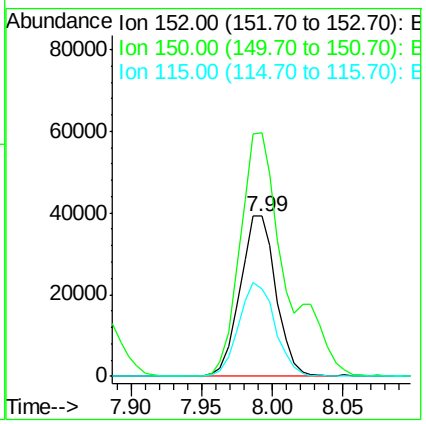


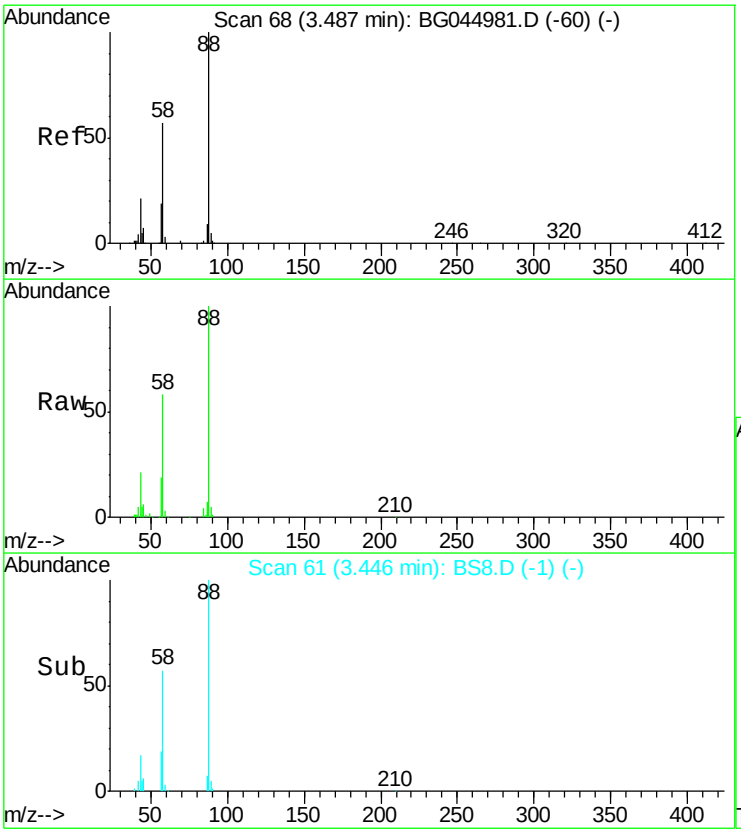

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:152 Resp: 69742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.3 | 123.6 | 185.4 |
| 115 | 54.7 | 49.1 | 73.7 |

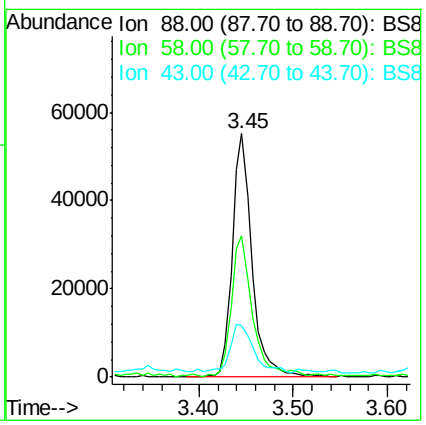


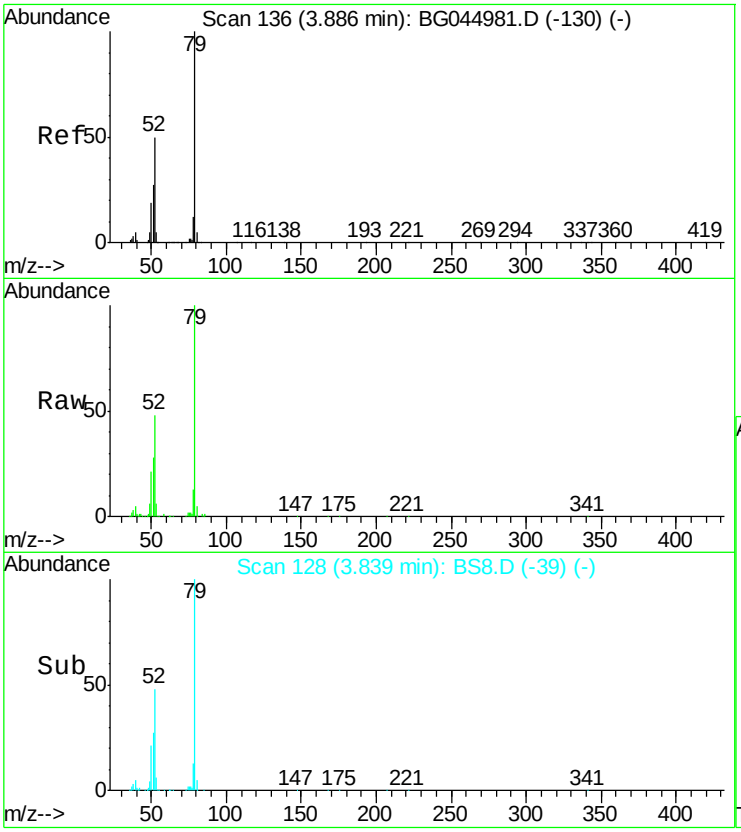




#2
1,4-Dioxane
Concen: 42.665 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion: 88 Resp: 80098

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 60.8 | 46.6 | 69.8 |
| 43 | 25.1 | 17.5 | 26.3 |

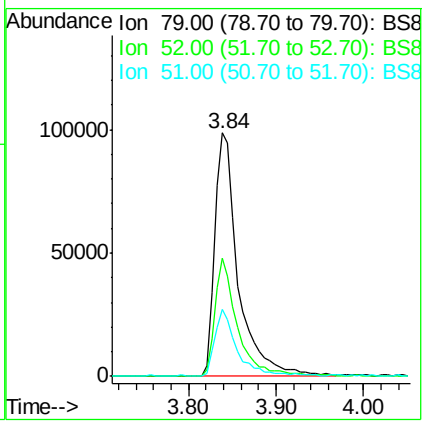




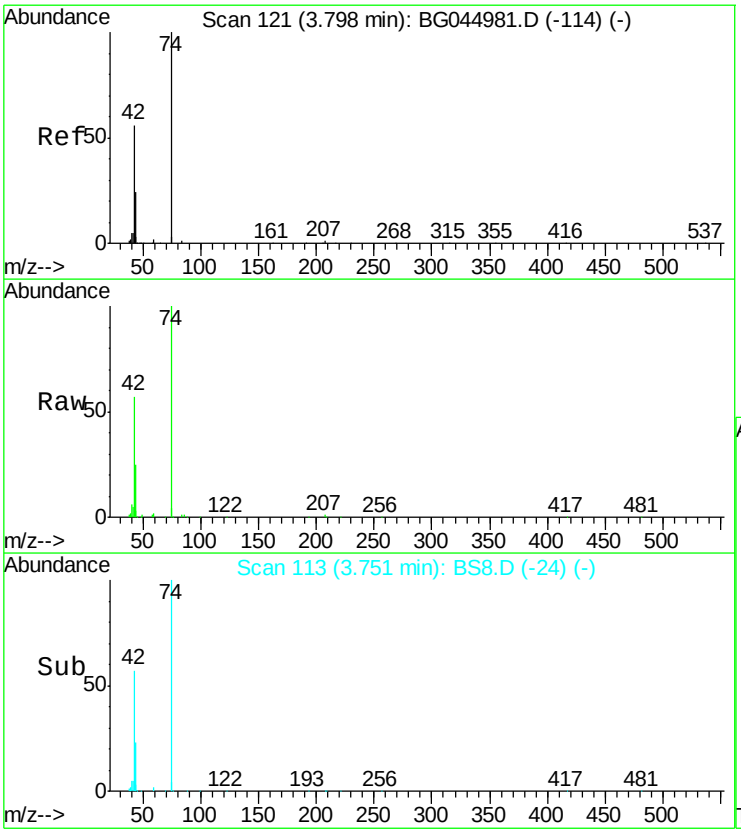

#3
Pyridine
Concen: 31.591 ng
RT: 3.84 min Scan# 128
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion: 79 Resp: 182610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 48.3 | 39.8 | 59.6 |
| 51 | 27.7 | 21.4 | 32.2 |



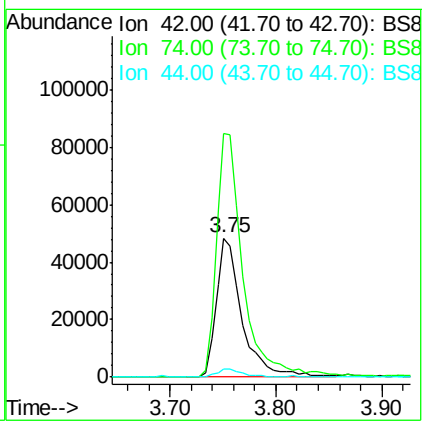

**Instrument :**
BNA_G
**ClientSampleId :**

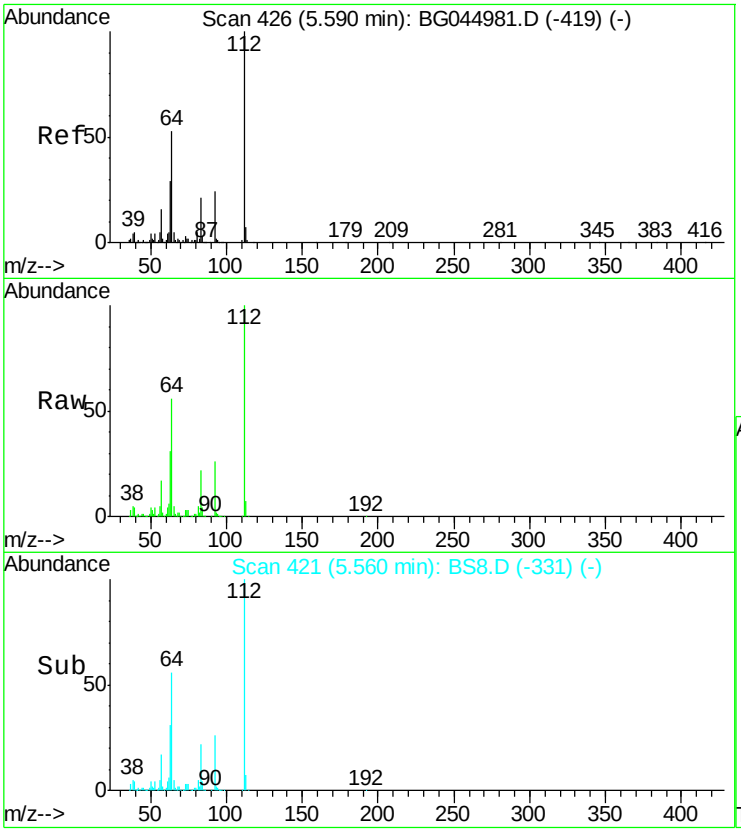



#4
n-Nitrosodimethylamine
Concen: 46.388 ng
RT: 3.75 min Scan# 113
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion: 42 Resp: 82141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 175.0 | 143.0 | 214.6 |
| 44 | 5.6 | 4.6 | 6.8 |



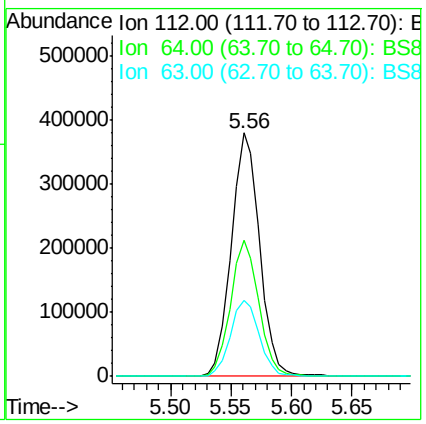


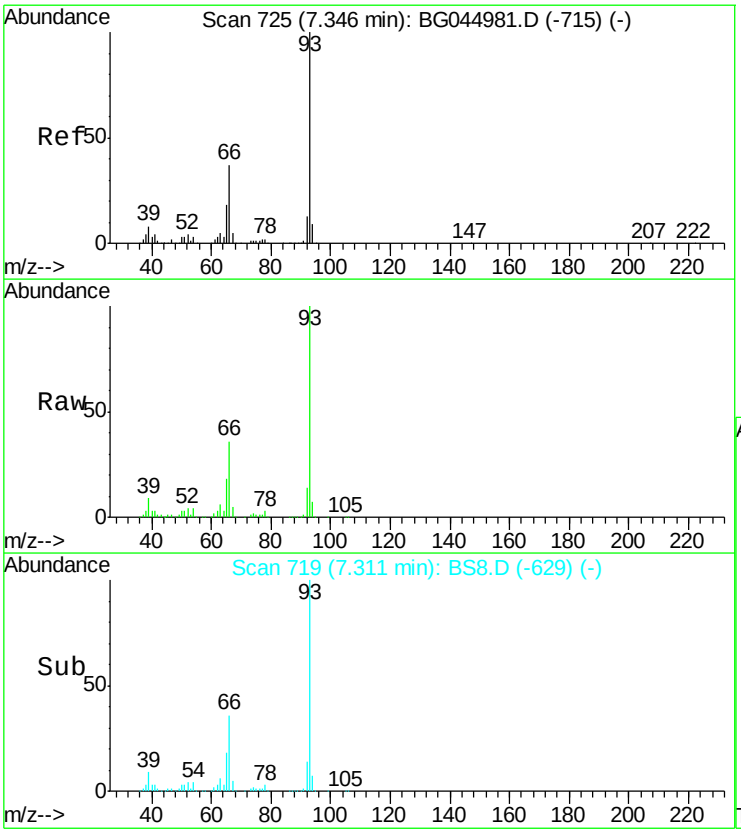

#5
2-Fluorophenol
Concen: 147.211 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:112 Resp: 621874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.0 | 42.4 | 63.6 |
| 63 | 31.2 | 23.1 | 34.7 |

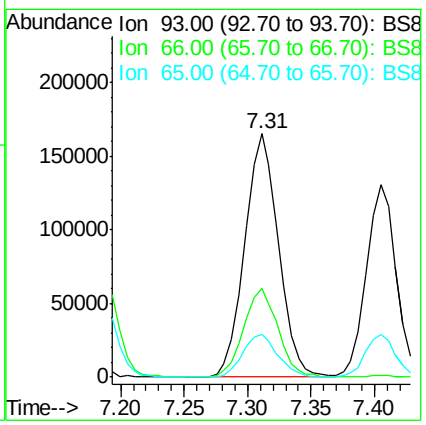


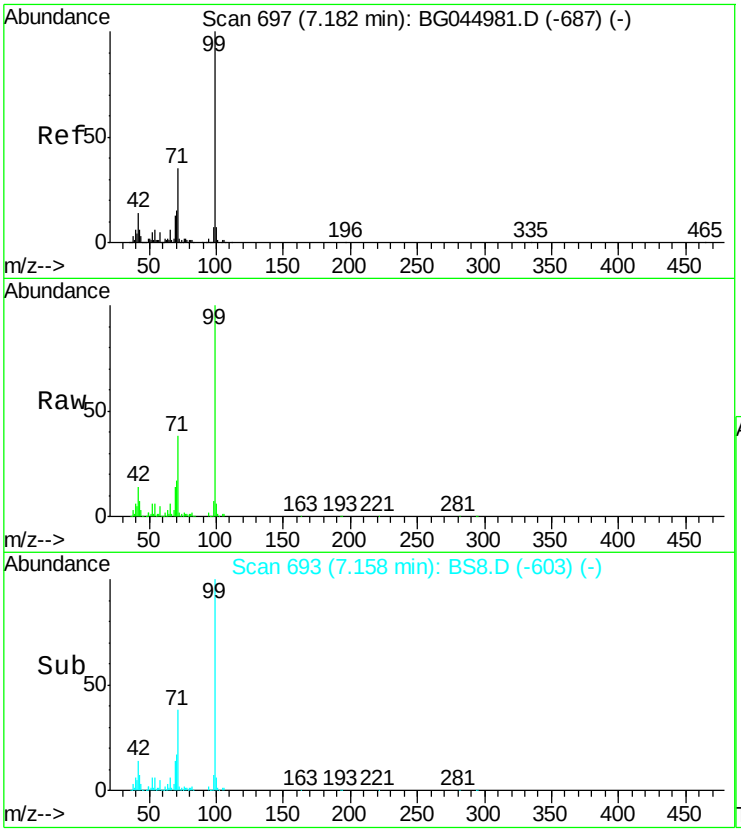




#6
Aniline
Concen: 37.534 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion: 93 Resp: 306296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 36.2 | 29.8 | 44.8 |
| 65 | 17.6 | 14.6 | 22.0 |



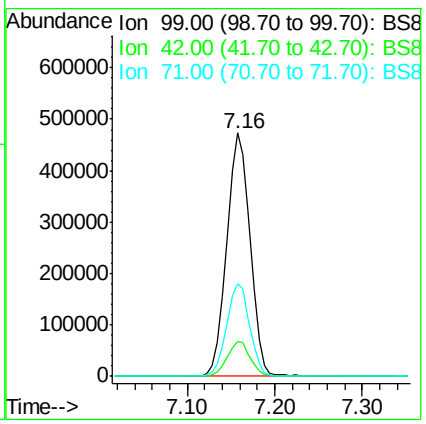


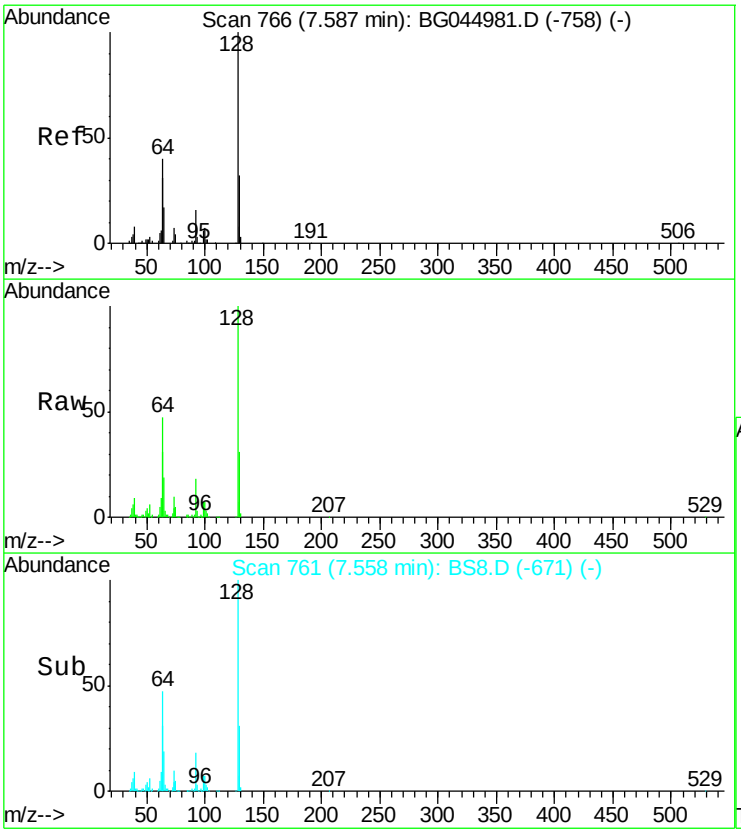

#7
Phenol-d6
Concen: 137.154 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion: 99 Resp: 860824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.3 | 11.3 | 16.9 |
| 71 | 38.1 | 28.3 | 42.5 |

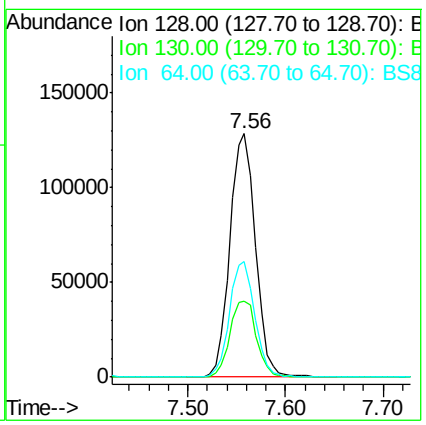


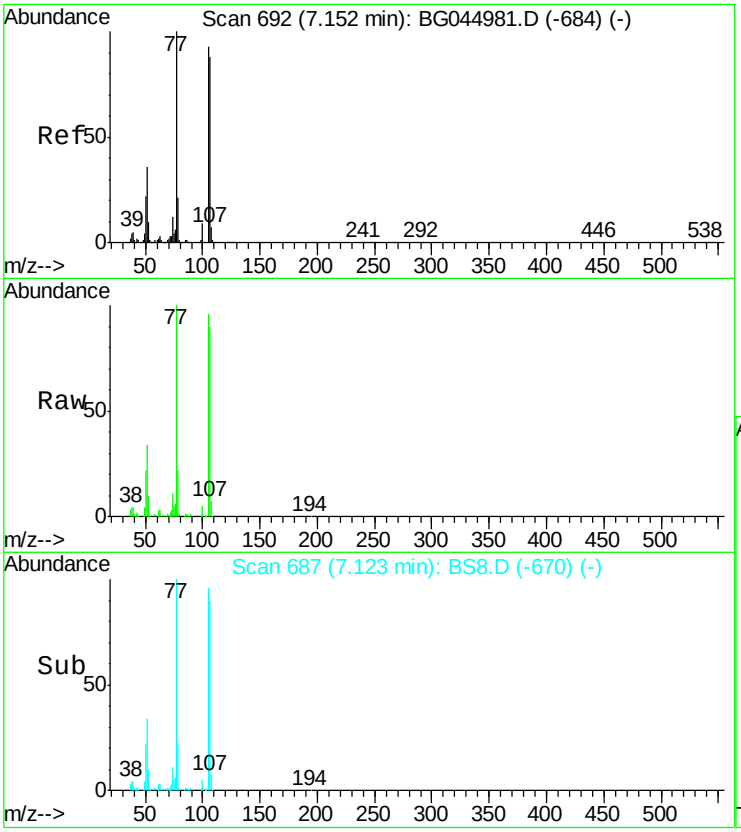




#8
2-Chlorophenol
Concen: 51.323 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:128 Resp: 233007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.3 | 12.3 | 52.3 |
| 64 | 47.2 | 24.4 | 64.4 |



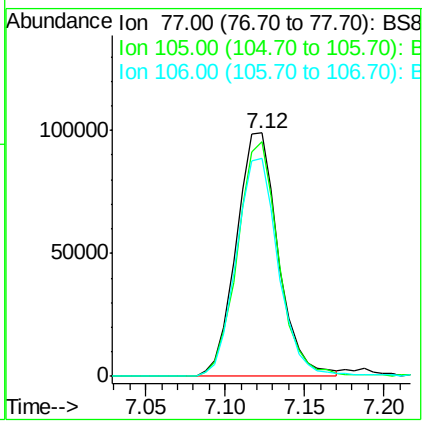


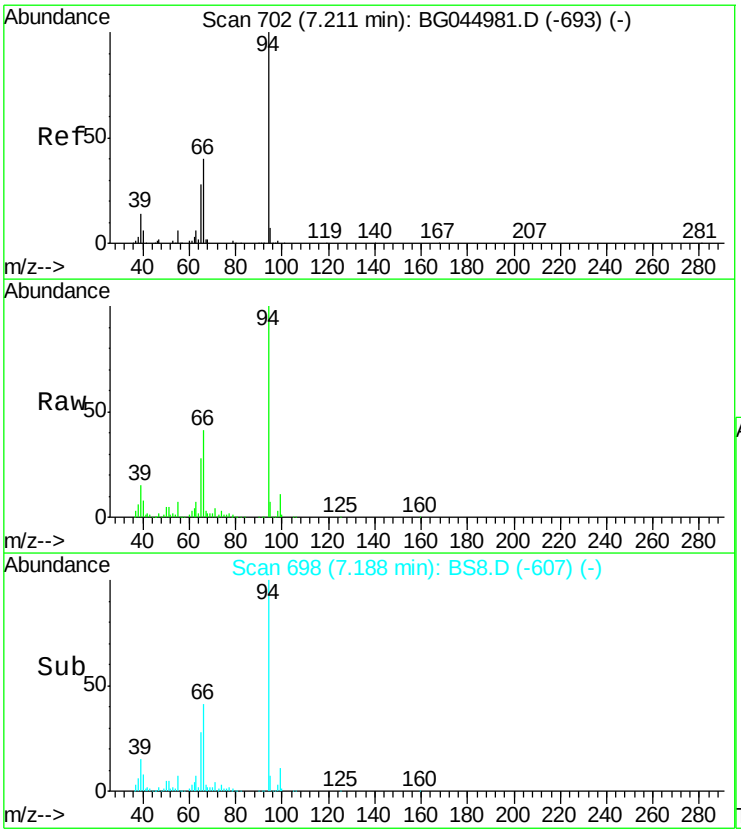

#9
Benzaldehyde
Concen: 58.007 ng
RT: 7.12 min Scan# 687
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion: 77 Resp: 182196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 96.4 | 72.9 | 112.9 |
| 106 | 89.7 | 67.6 | 107.6 |

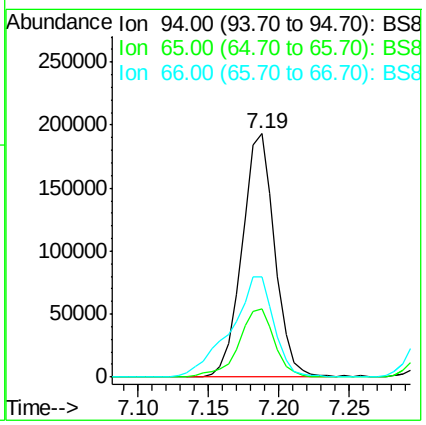


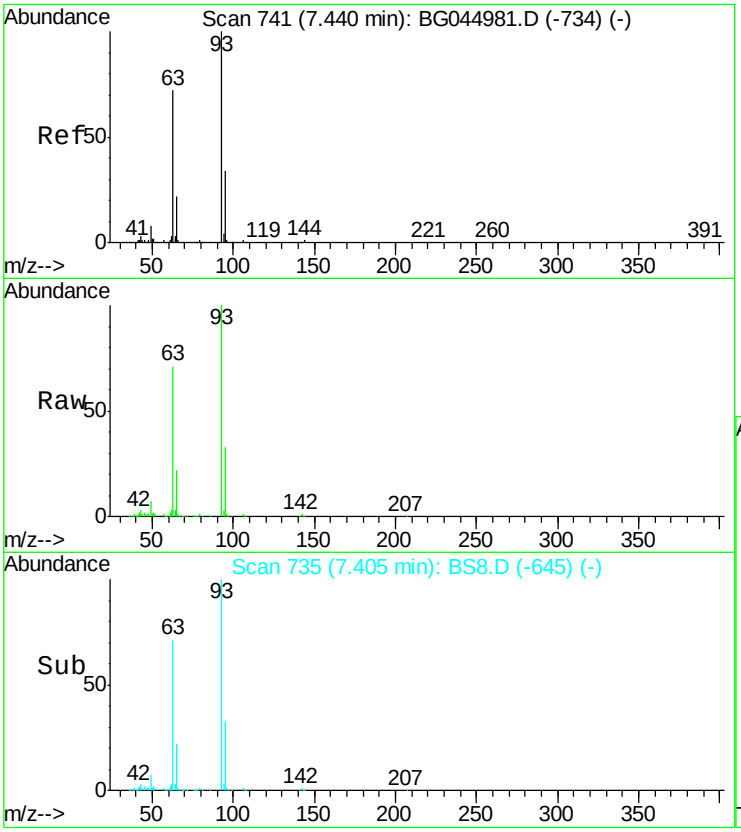




#10
Phenol
Concen: 49.810 ng
RT: 7.19 min Scan# 698
Delta R.T. 0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion: 94 Resp: 312836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 27.9 | 8.2 | 48.2 |
| 66 | 41.1 | 20.4 | 60.4 |



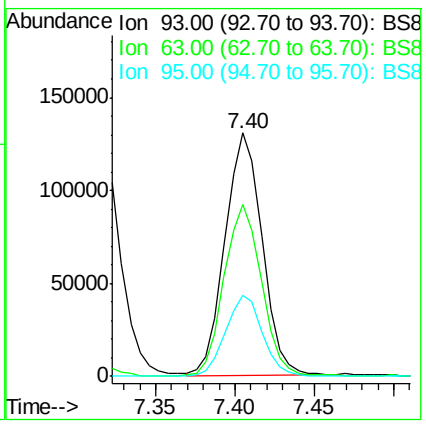


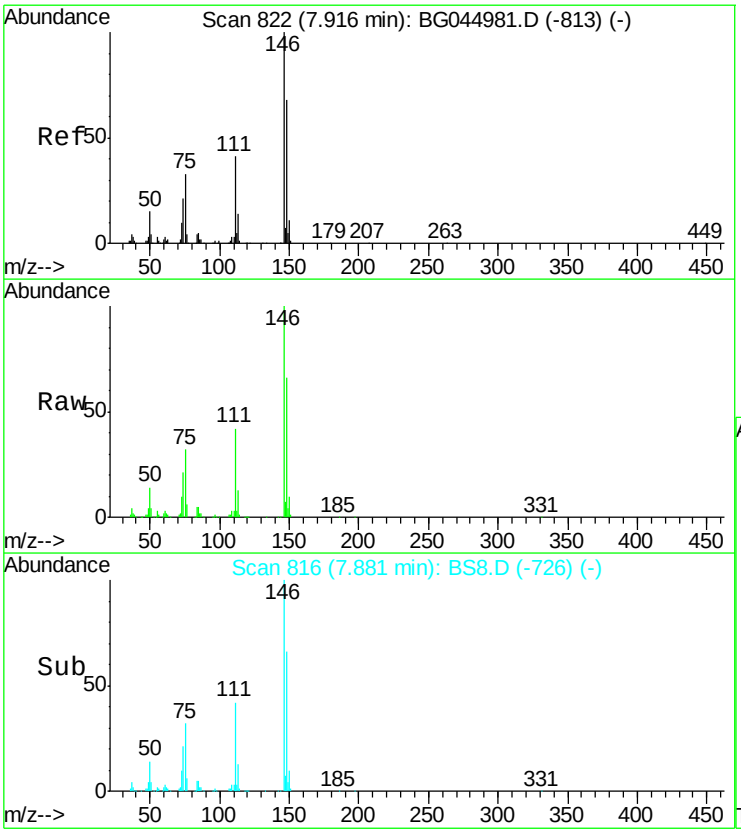

#11
bis(2-Chloroethyl)ether
Concen: 42.410 ng
RT: 7.40 min Scan# 735
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion: 93 Resp: 212074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.6 | 51.8 | 91.8 |
| 95 | 33.2 | 13.8 | 53.8 |

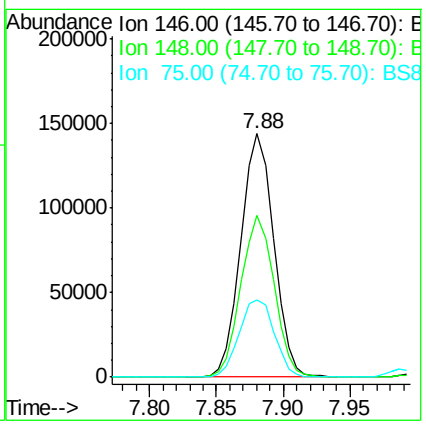


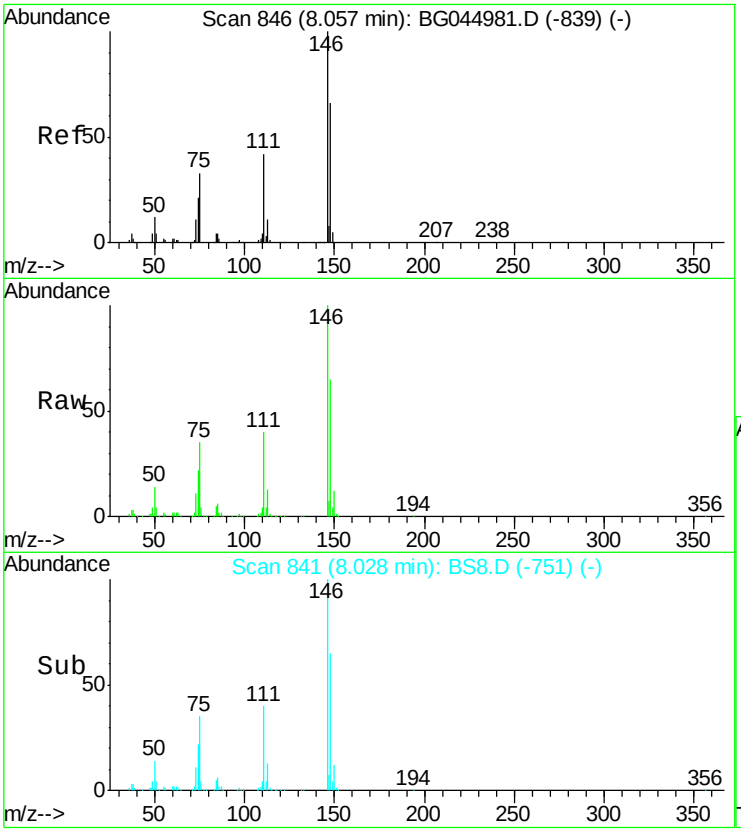




#12
1,3-Dichlorobenzene
Concen: 45.979 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:146 Resp: 245981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.2 | 54.6 | 81.8 |
| 75 | 31.6 | 26.0 | 39.0 |



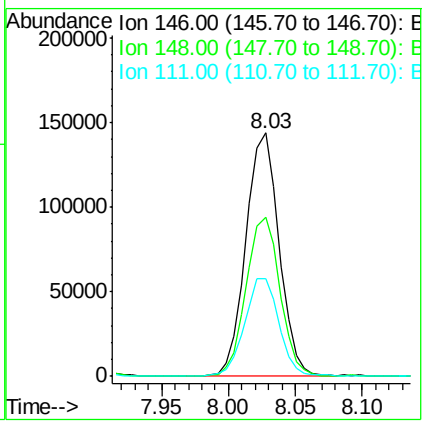


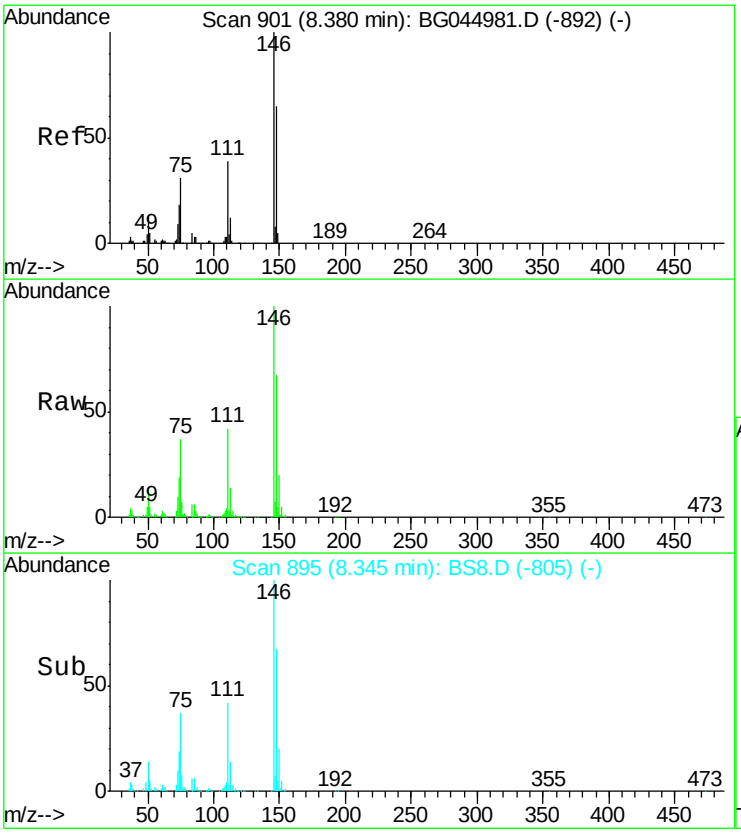

#13
1,4-Dichlorobenzene
Concen: 46.303 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:146 Resp: 246831

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.2 | 53.3 | 79.9 |
| 111 | 40.4 | 33.8 | 50.8 |

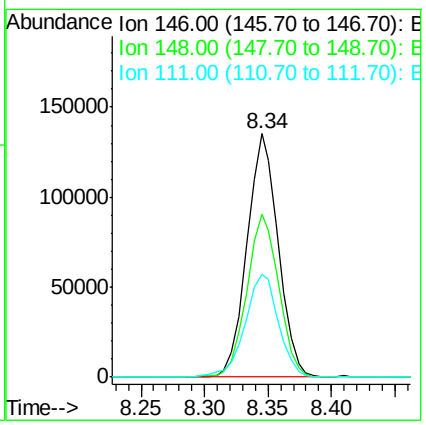


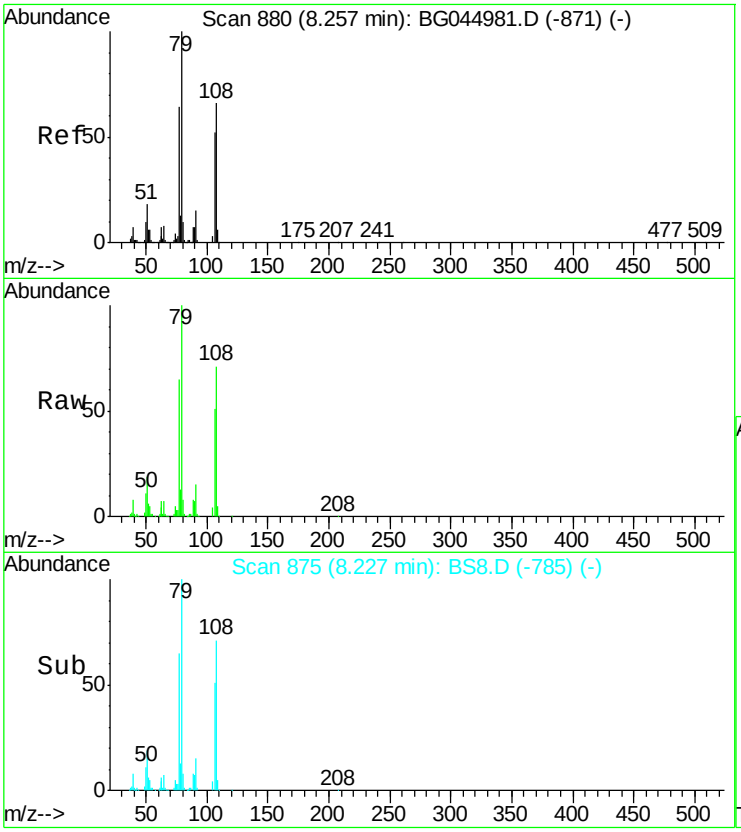




#14
1,2-Dichlorobenzene
Concen: 45.477 ng
RT: 8.34 min Scan# 895
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:146 Resp: 231930

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.7 | 51.9 | 77.9 |
| 111 | 42.0 | 31.3 | 46.9 |



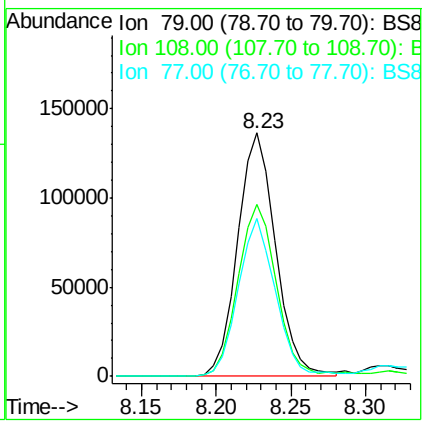


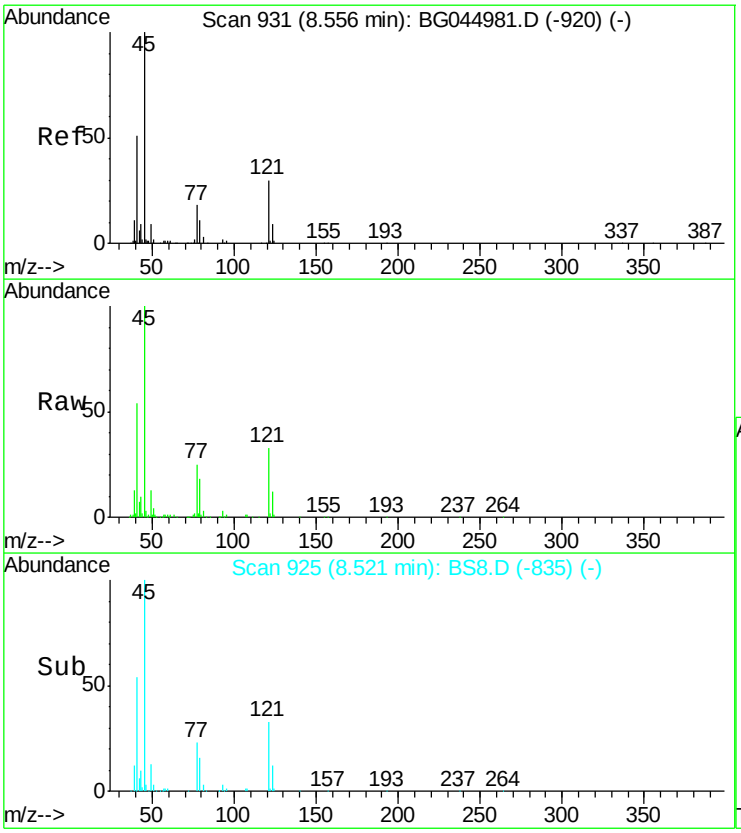

#15
Benzyl Alcohol
Concen: 45.732 ng
RT: 8.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion: 79 Resp: 240653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 70.7 | 52.7 | 79.1 |
| 77 | 64.9 | 51.3 | 76.9 |

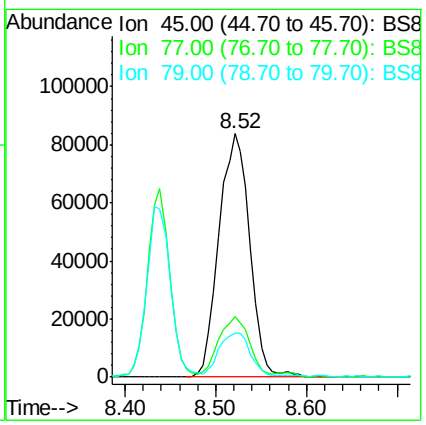


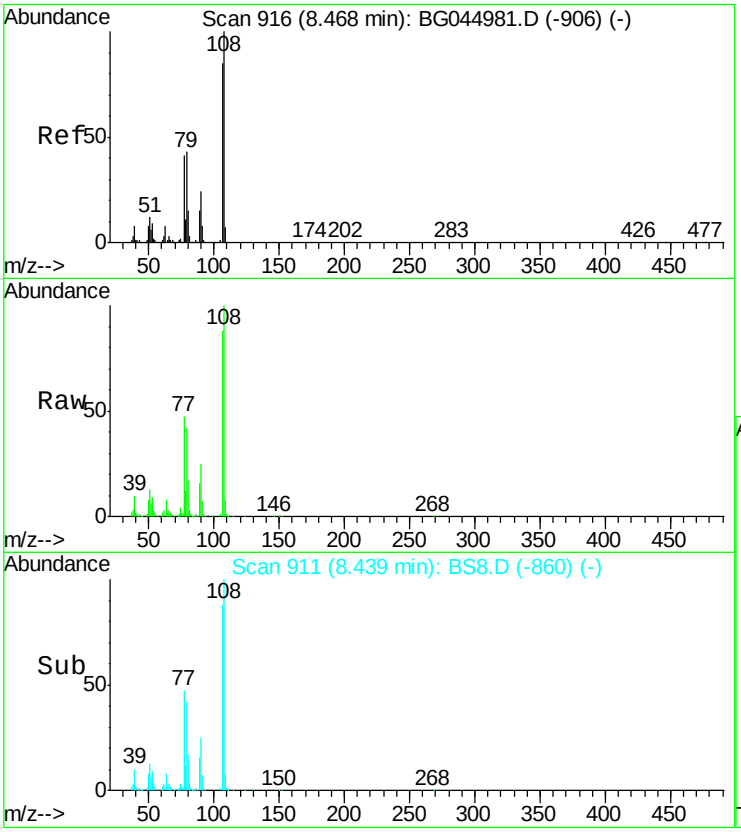




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.180 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion: 45 Resp: 197226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 25.1 | 1.9 | 41.9 |
| 79 | 17.9 | 0.0 | 35.5 |



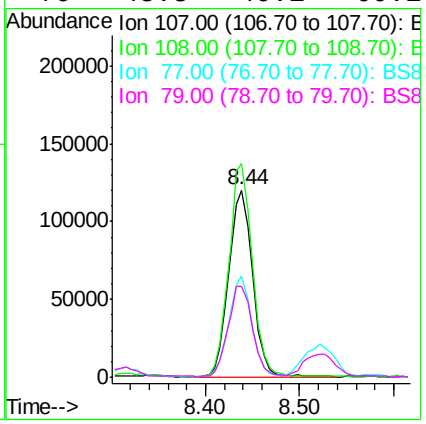


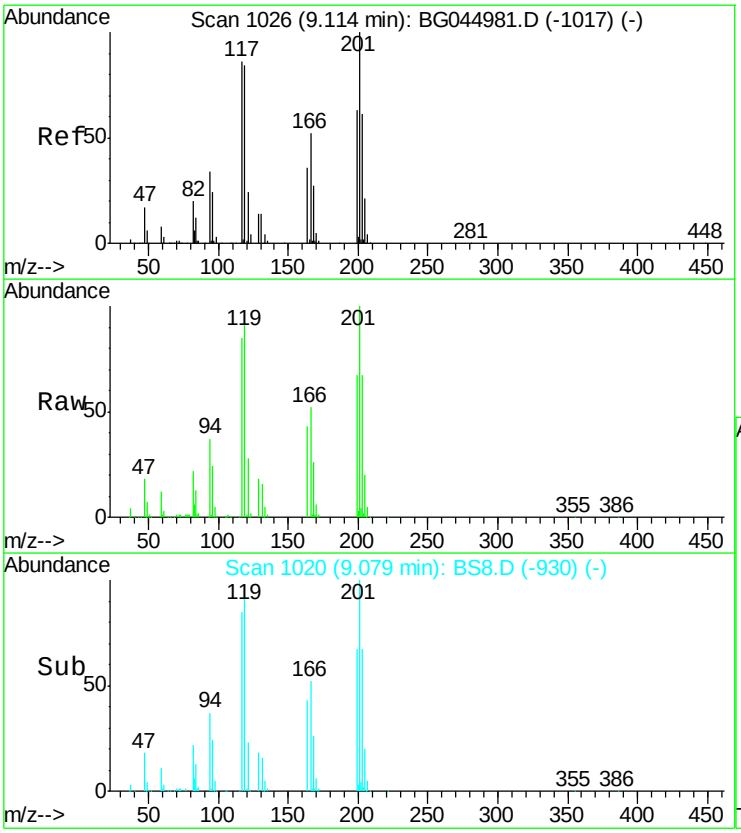

#17
2-Methylphenol
Concen: 43.698 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:107 Resp: 211751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 114.2 | 93.8 | 140.6 |
| 77 | 54.0 | 38.5 | 57.7 |
| 79 | 48.3 | 40.1 | 60.1 |

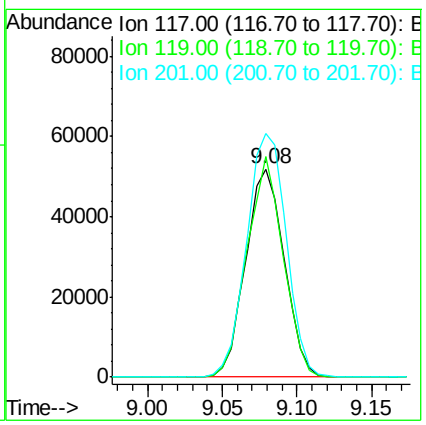


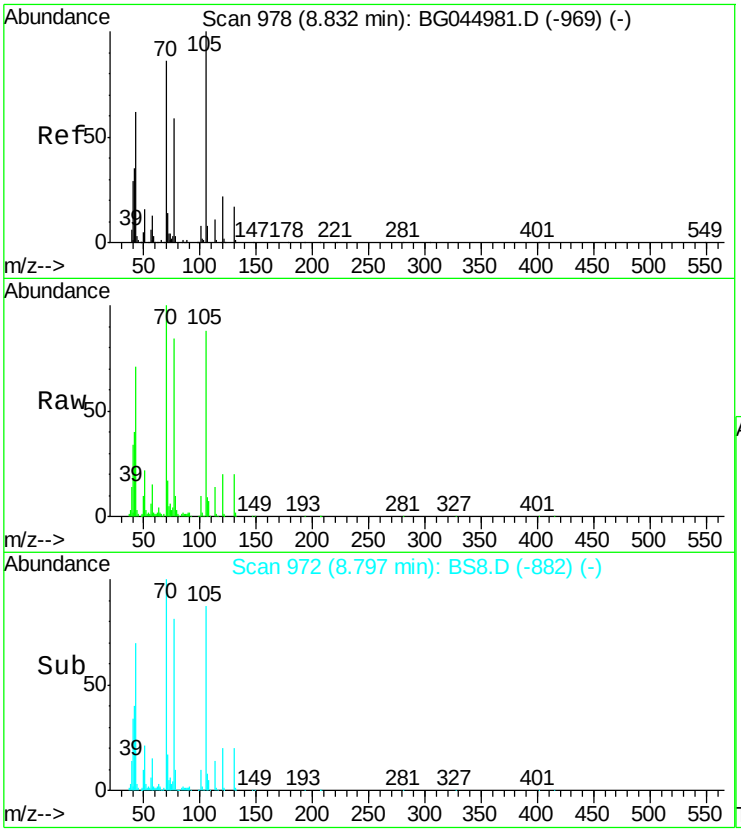




#18
Hexachloroethane
Concen: 46.185 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:117 Resp: 92555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 106.3 | 78.3 | 117.5 |
| 201 | 117.2 | 92.9 | 139.3 |



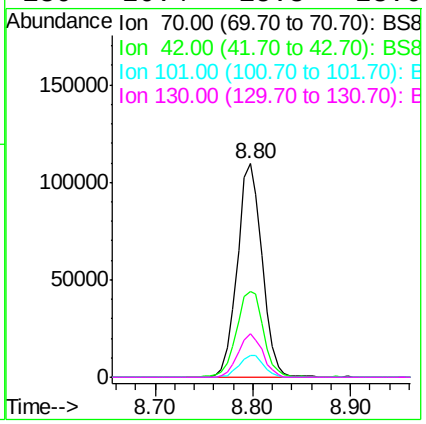


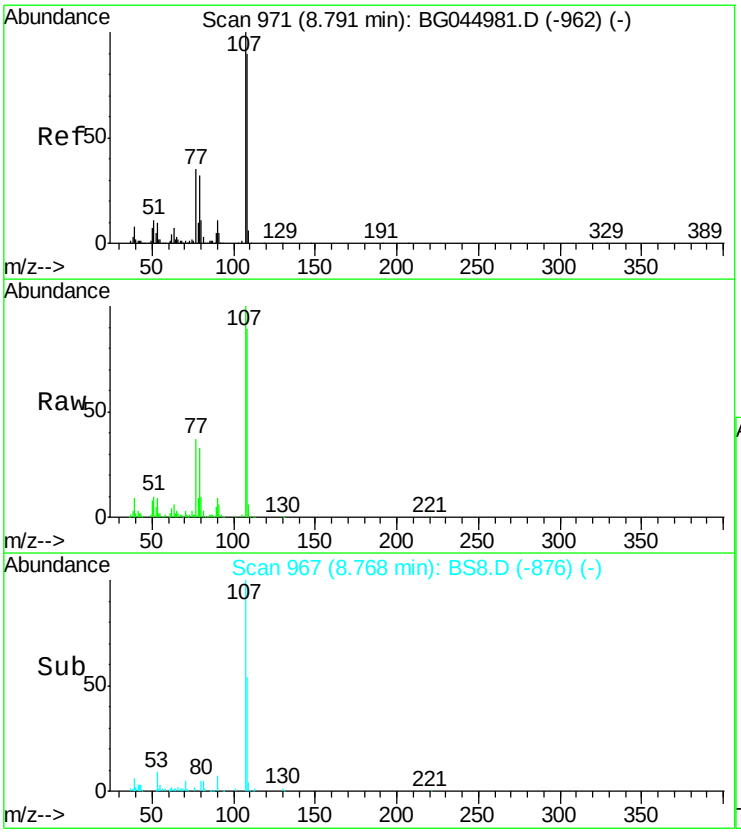

#19
n-Nitroso-di-n-propylamine
Concen: 43.639 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion: 70 Resp: 193699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 40.0 | 33.3 | 49.9 |
| 101 | 10.4 | 7.8 | 11.8 |
| 130 | 20.4 | 15.8 | 23.6 |

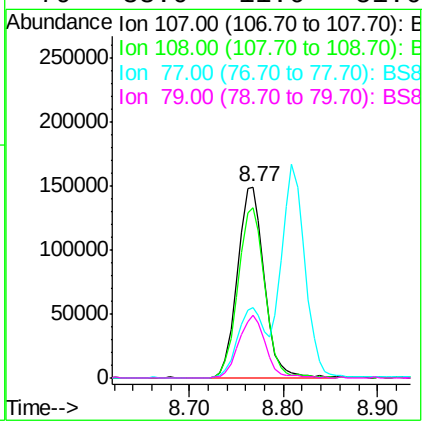


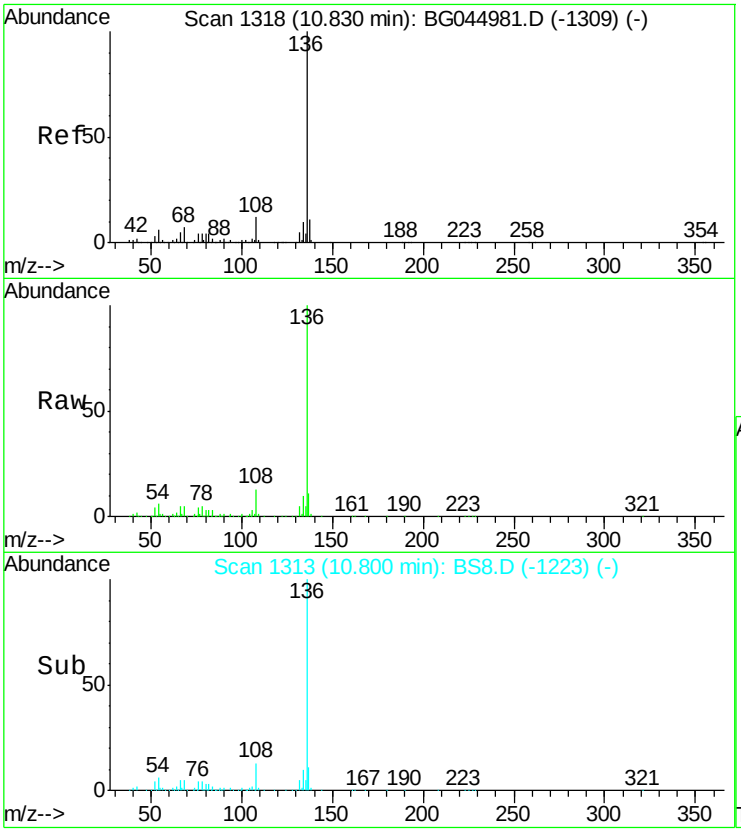




#20
3+4-Methylphenols
Concen: 43.472 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:107 Resp: 294859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 88.8 | 69.9 | 109.9 |
| 77 | 37.0 | 15.2 | 55.2 |
| 79 | 33.0 | 11.6 | 51.6 |



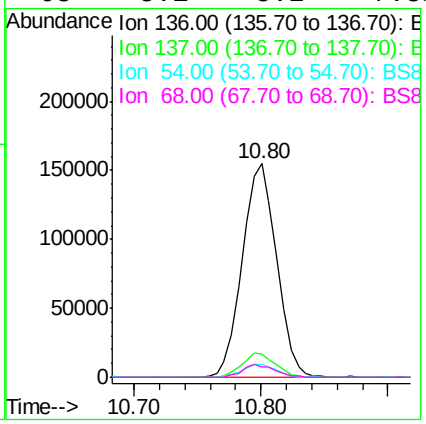


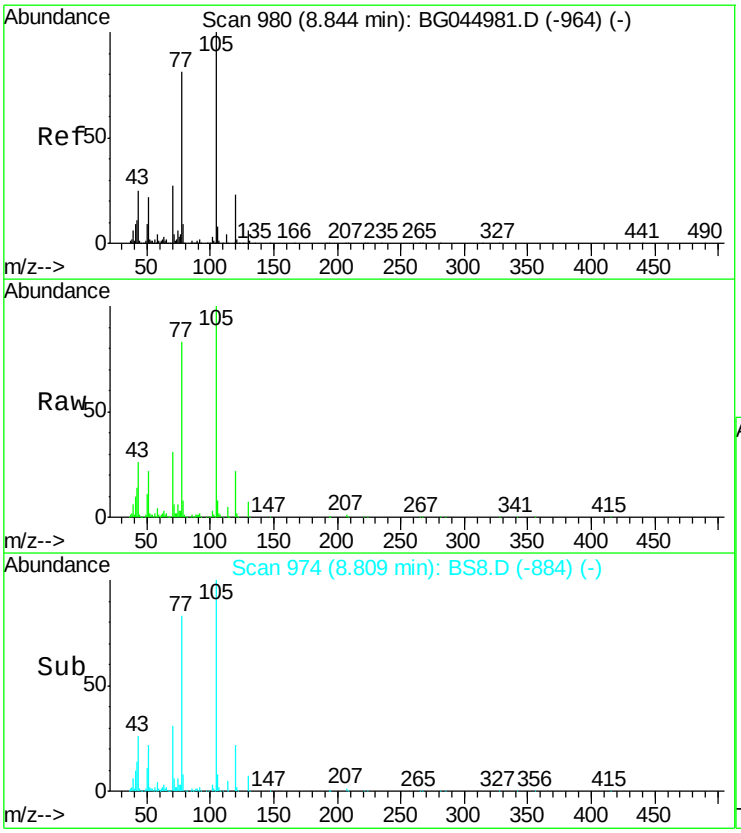

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:136 Resp: 289992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.6 | 13.0 |
| 54 | 5.7 | 4.8 | 7.2 |
| 68 | 5.1 | 5.2 | 7.8# |

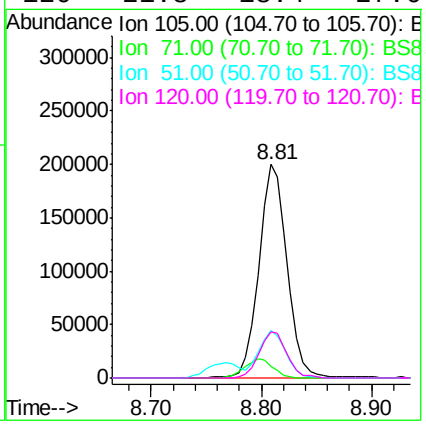


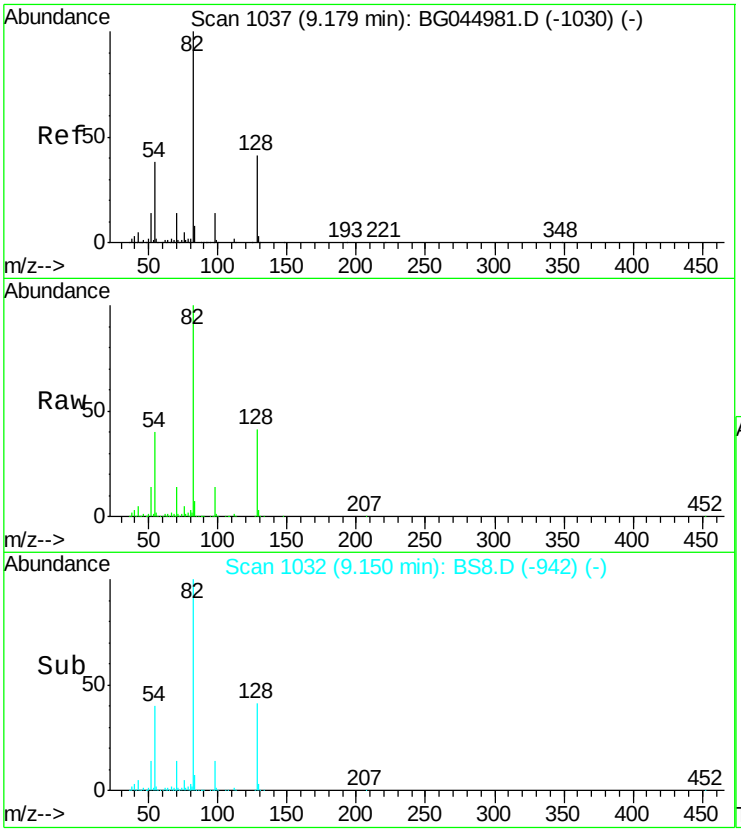




#22
Acetophenone
Concen: 45.392 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:105 Resp: 355973

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 5.5 | 3.3 | 4.9# |
| 51 | 21.9 | 17.3 | 25.9 |
| 120 | 21.8 | 18.4 | 27.6 |

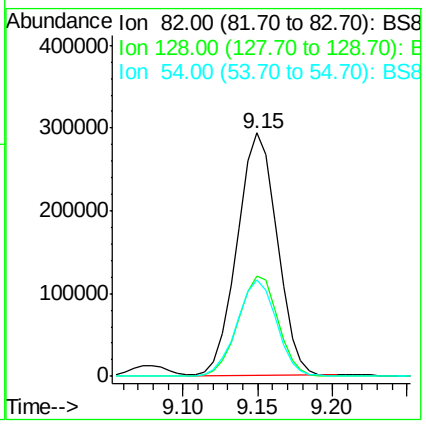




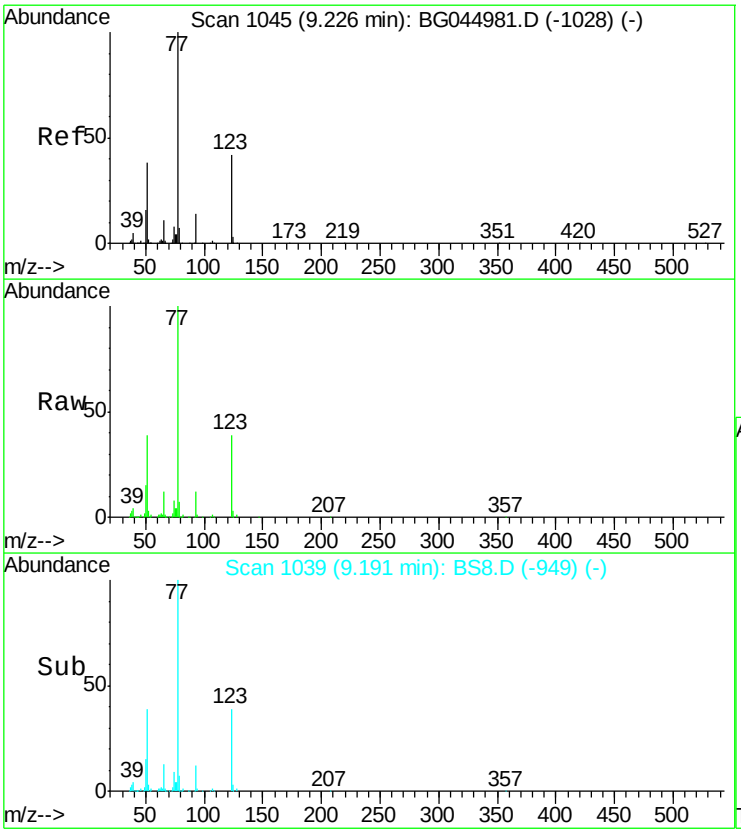

#23
Nitrobenzene-d5
Concen: 85.716 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion: 82 Resp: 544764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.3 | 33.0 | 49.4 |
| 54 | 39.6 | 30.4 | 45.6 |



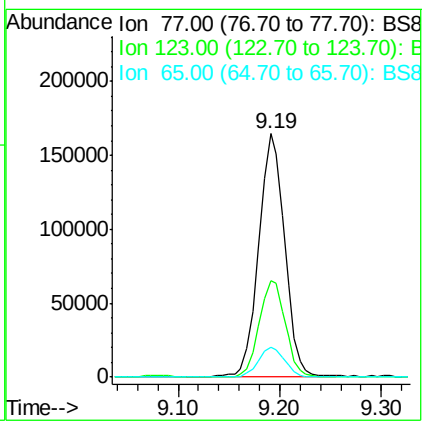

**Instrument :**
BNA_G
**ClientSampleId :**

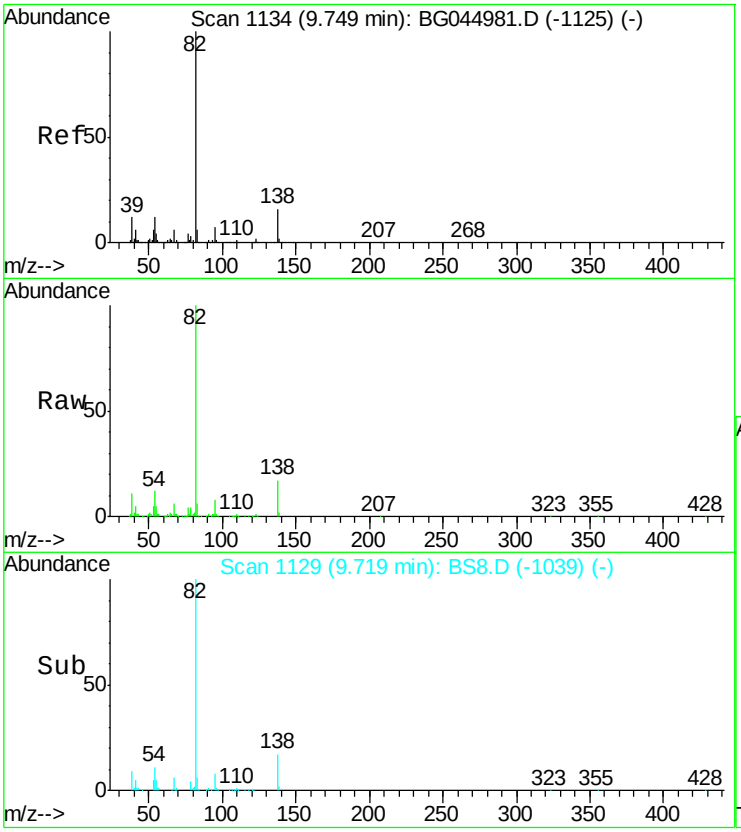



#24
Nitrobenzene
Concen: 45.029 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion: 77 Resp: 293346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 39.4 | 34.3 | 51.5 |
| 65 | 12.5 | 8.9 | 13.3 |



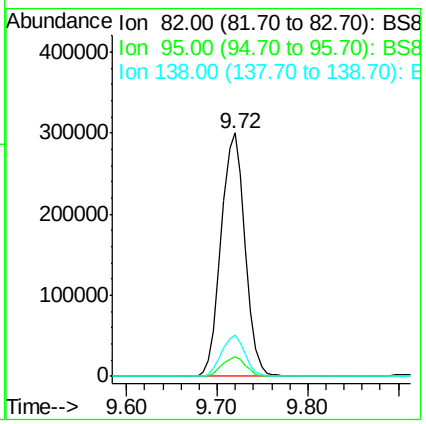


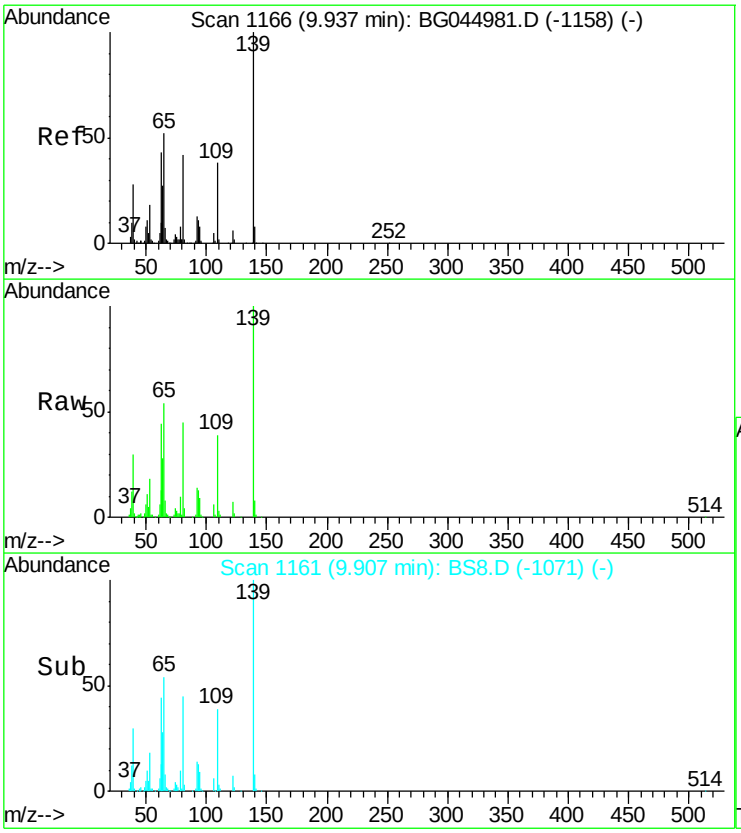

#25
Isophorone
Concen: 42.324 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion: 82 Resp: 550846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.3 | 6.0 | 9.0 |
| 138 | 17.0 | 12.7 | 19.1 |

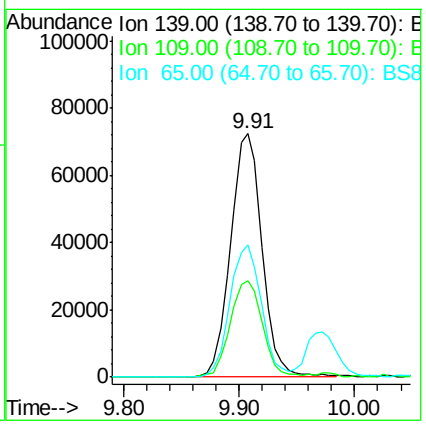


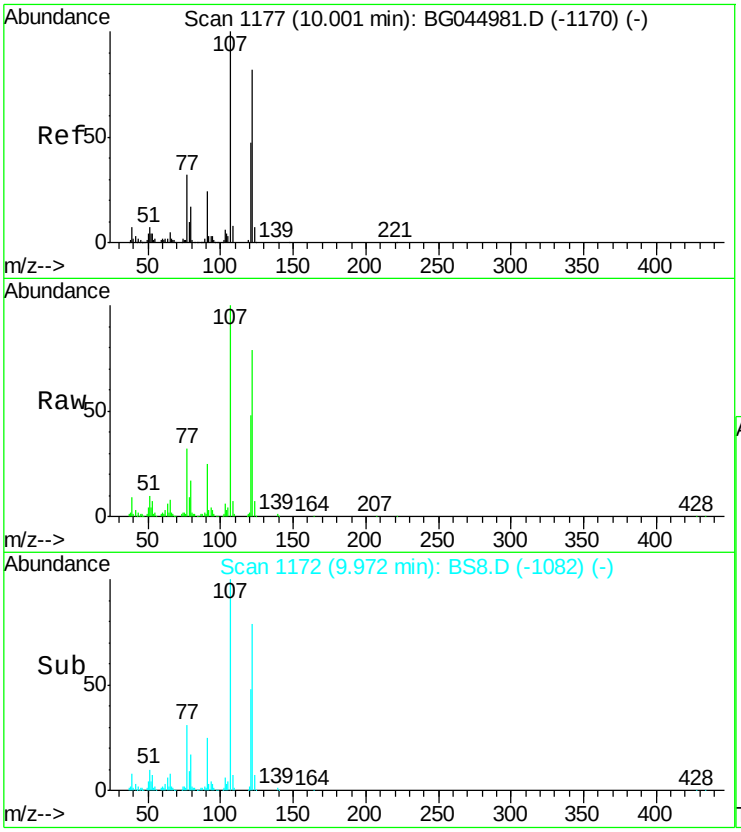




#26
2-Nitrophenol
Concen: 48.635 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:139 Resp: 136477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 39.5 | 30.6 | 45.8 |
| 65 | 54.1 | 41.8 | 62.6 |



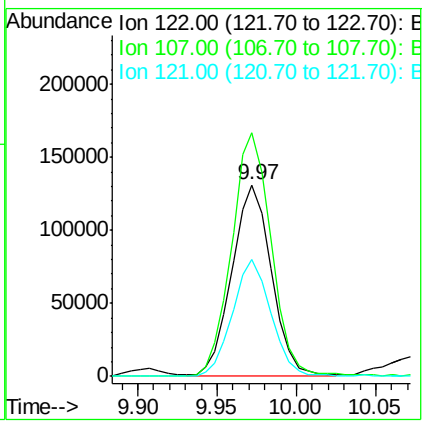


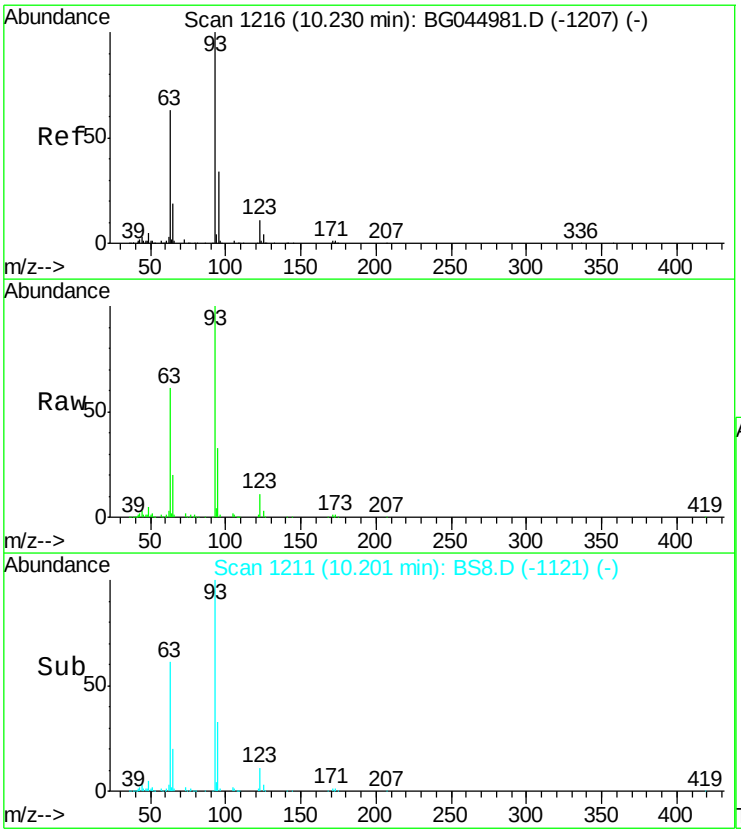

#27
2,4-Dimethylphenol
Concen: 50.610 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:122 Resp: 225343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 127.3 | 96.8 | 145.2 |
| 121 | 61.1 | 45.6 | 68.4 |

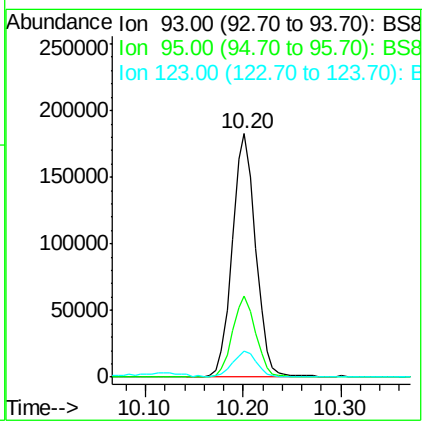


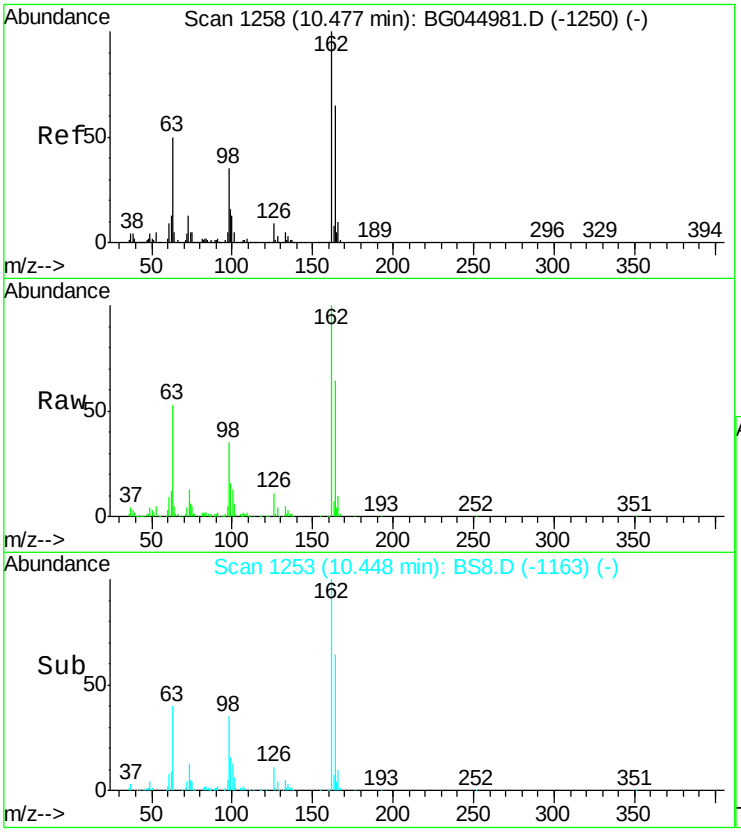




#28
bis(2-Chloroethoxy)methane
Concen: 44.374 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion: 93 Resp: 303446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.1 | 27.0 | 40.4 |
| 123 | 10.7 | 8.7 | 13.1 |



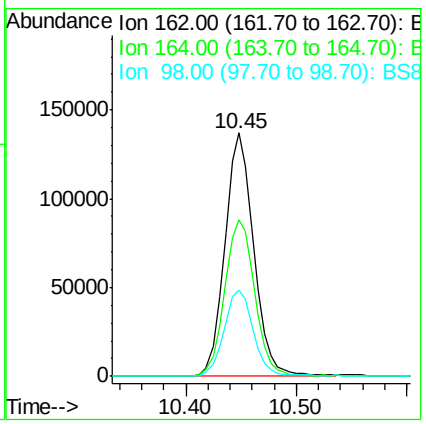


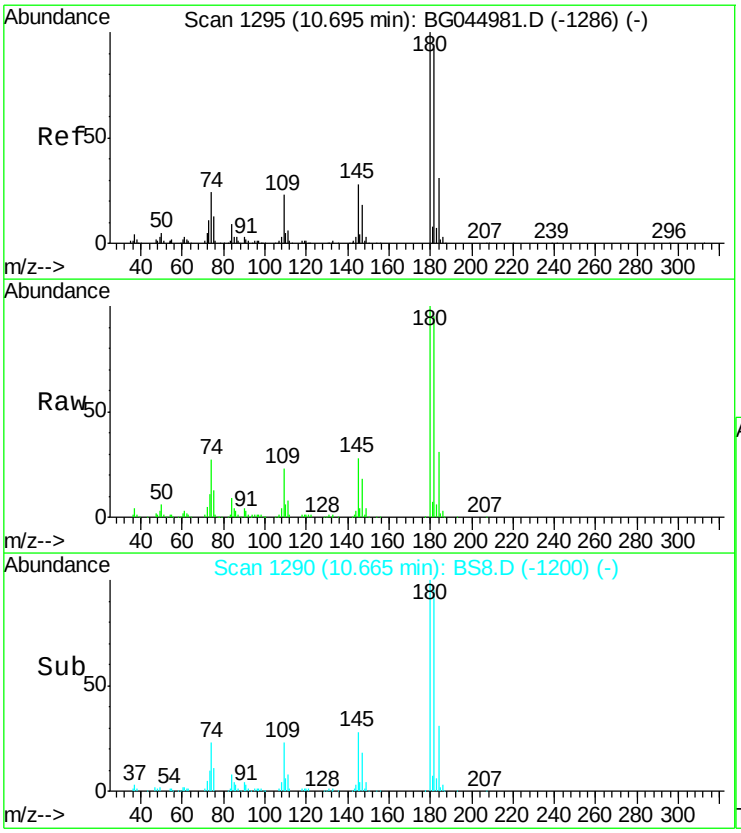

#29
2,4-Dichlorophenol
Concen: 48.829 ng
RT: 10.45 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:162 Resp: 251042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.2 | 45.0 | 85.0 |
| 98 | 35.3 | 15.2 | 55.2 |

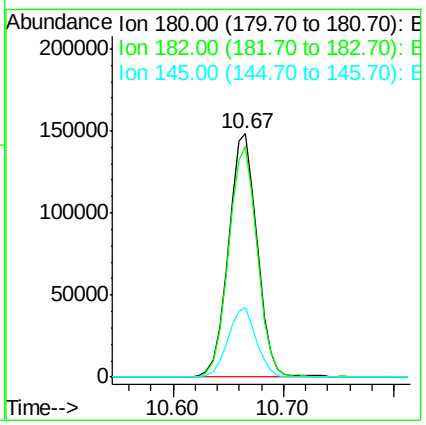


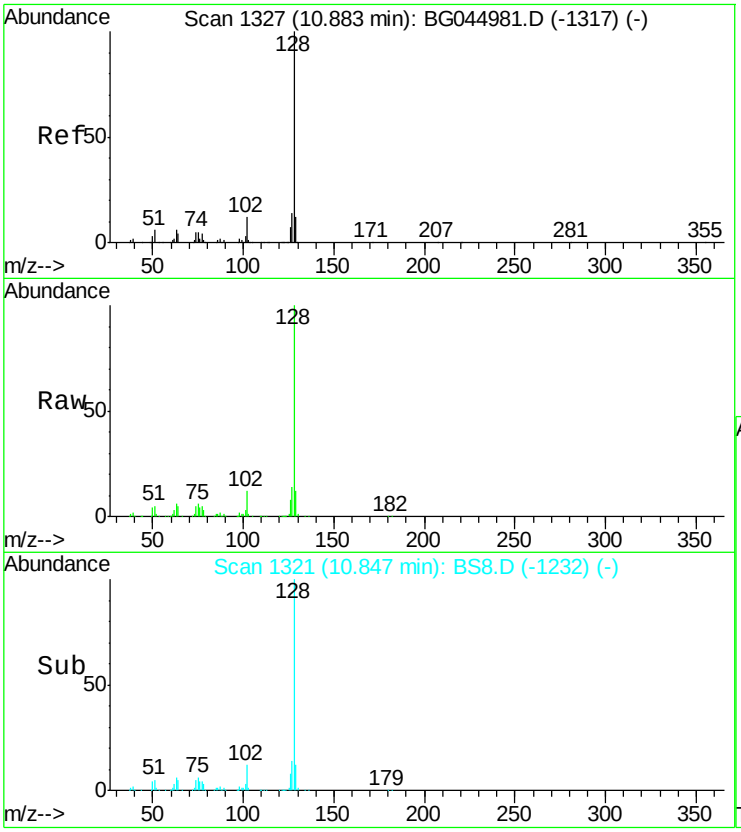




#30
1,2,4-Trichlorobenzene
Concen: 46.340 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:180 Resp: 269743

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 94.8 | 73.3 | 109.9 |
| 145 | 28.3 | 22.6 | 33.8 |



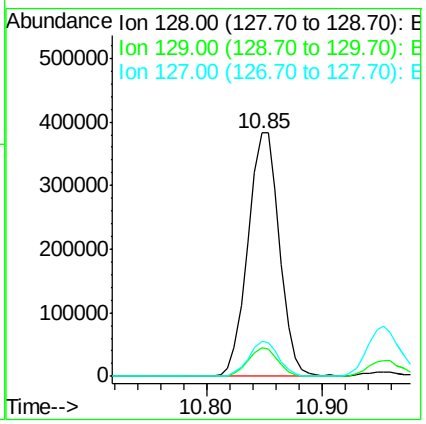


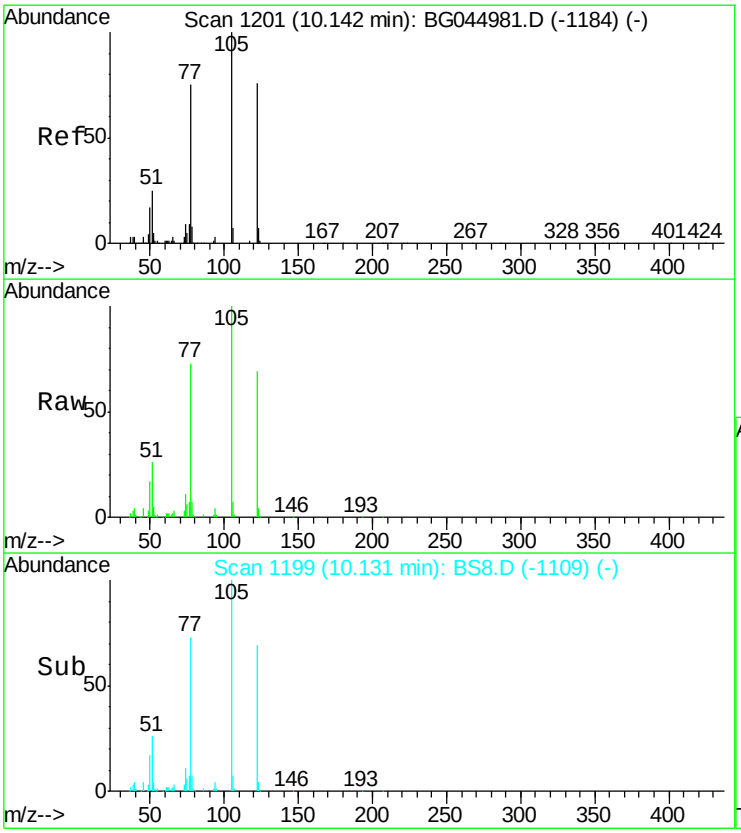

#31
Naphthalene
Concen: 45.917 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:128 Resp: 728419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.4 | 14.2 |
| 127 | 14.5 | 10.8 | 16.2 |

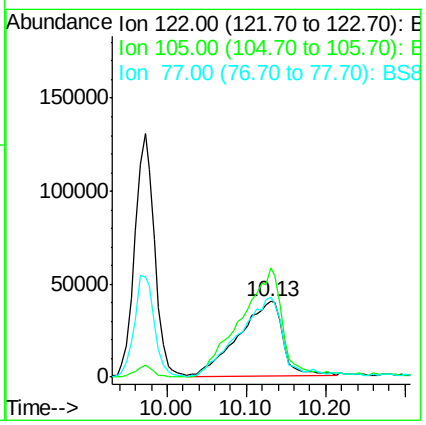


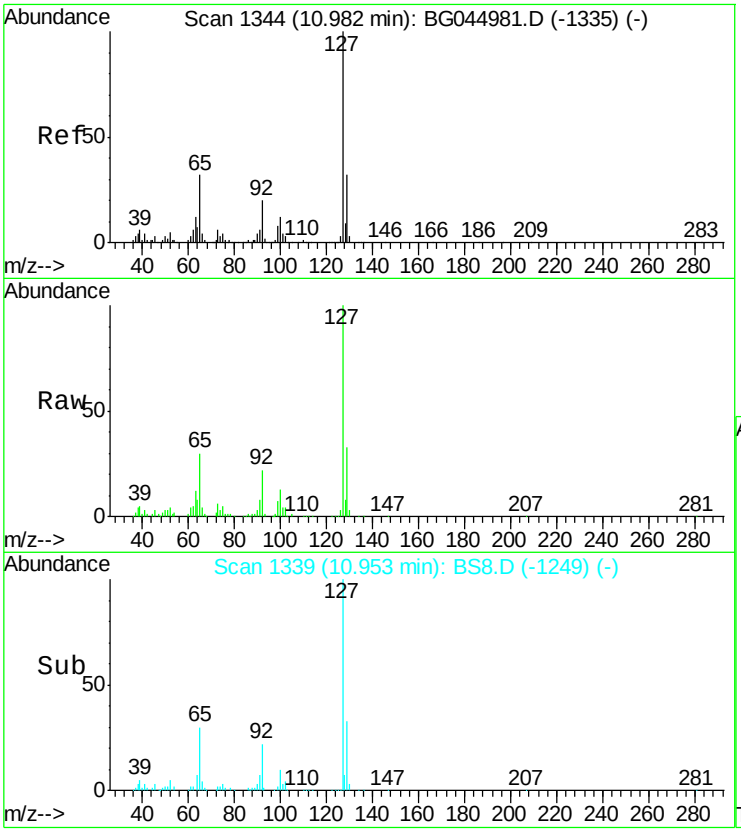




#32
Benzoic acid
Concen: 43.807 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:122 Resp: 155262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 145.2 | 108.4 | 148.4 |
| 77 | 106.3 | 78.8 | 118.8 |



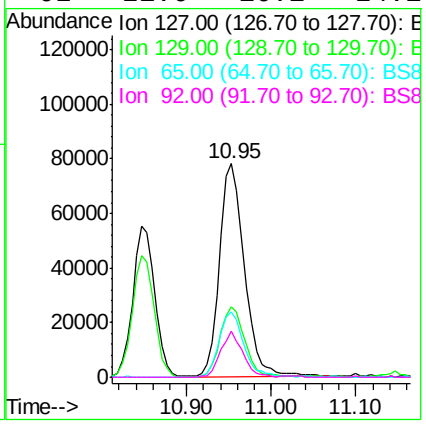


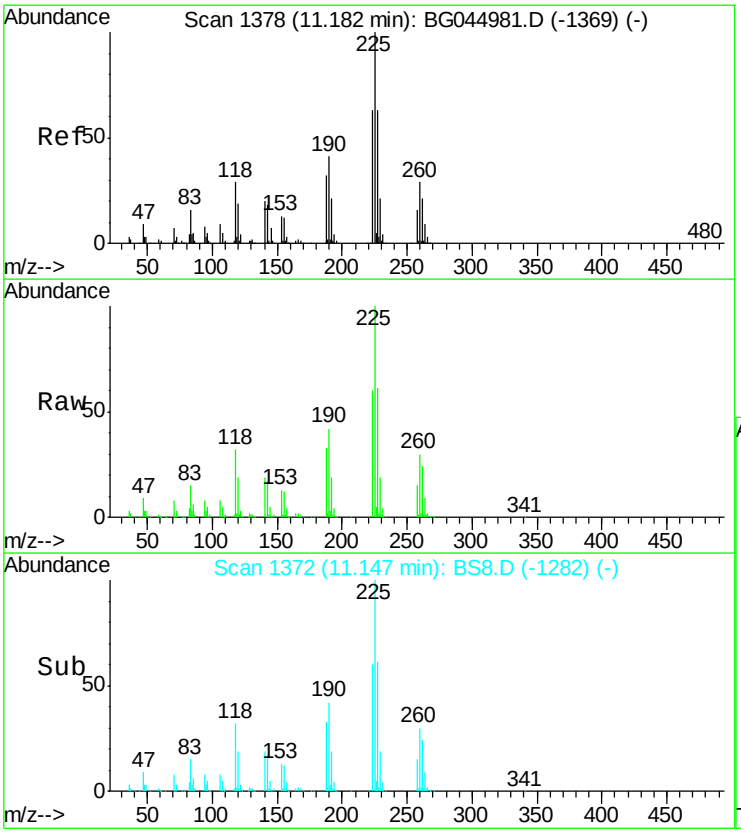

#33
4-Chloroaniline
Concen: 21.565 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:127 Resp: 159549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.0 | 25.7 | 38.5 |
| 65 | 30.3 | 25.4 | 38.2 |
| 92 | 21.6 | 16.1 | 24.1 |

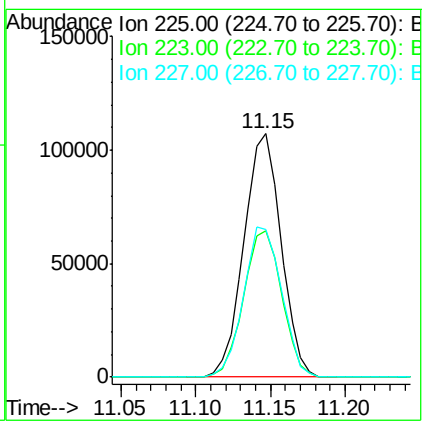


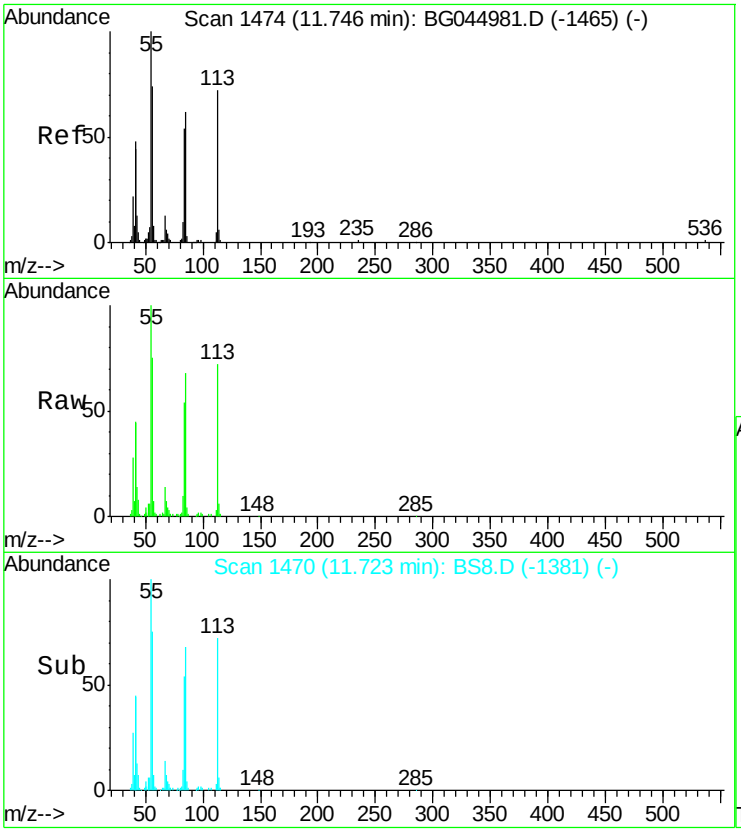




#34
Hexachlorobutadiene
Concen: 46.271 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:225 Resp: 184666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 60.2 | 50.7 | 76.1 |
| 227 | 60.7 | 50.2 | 75.2 |



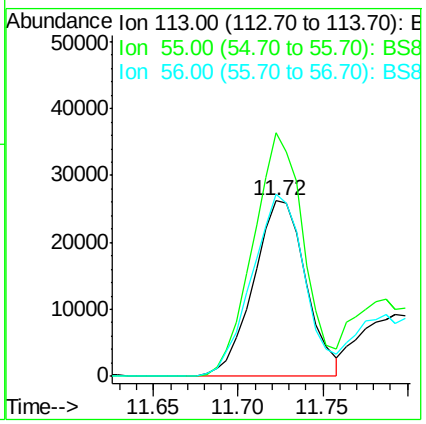


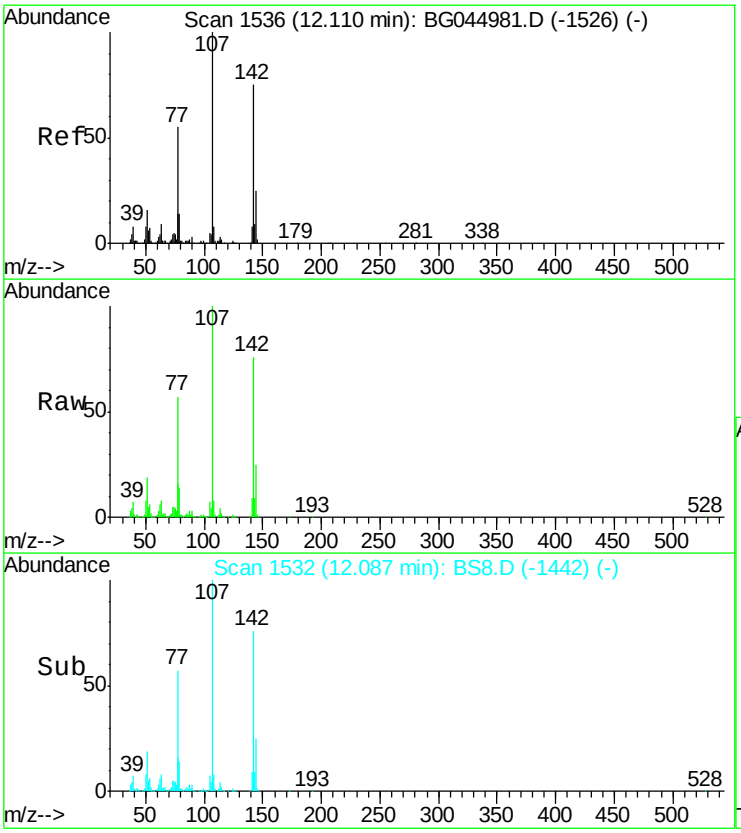

#35
Caprolactam
Concen: 27.553 ng
RT: 11.72 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:113 Resp: 56380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 138.6 | 118.8 | 158.8 |
| 56 | 103.4 | 82.6 | 122.6 |

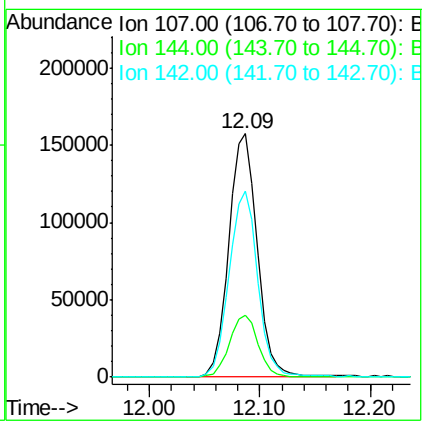


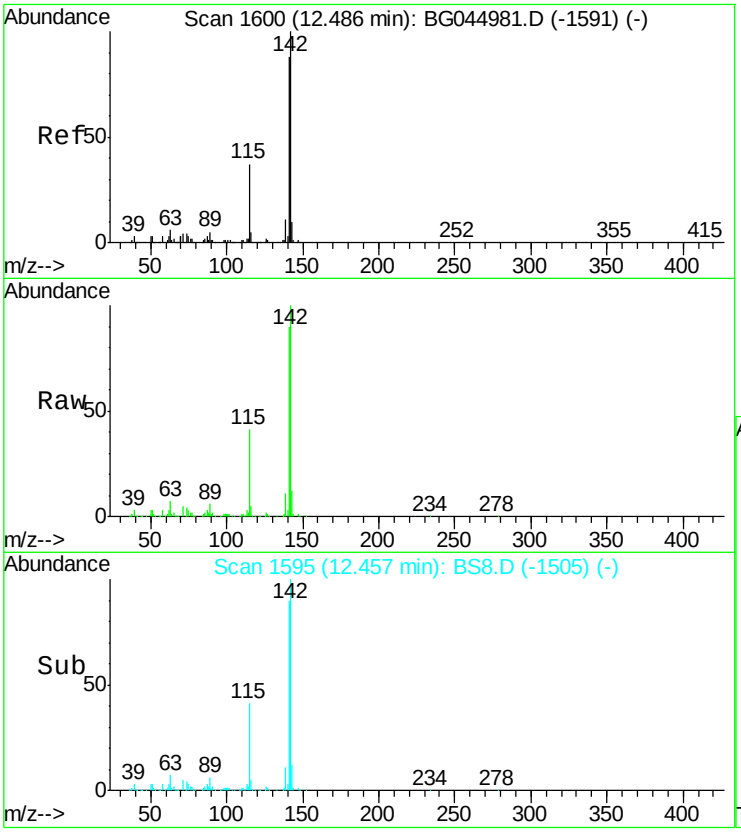




#36
4-Chloro-3-methylphenol
Concen: 47.319 ng
RT: 12.09 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:107 Resp: 285788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.3 | 19.8 | 29.6 |
| 142 | 76.3 | 59.7 | 89.5 |



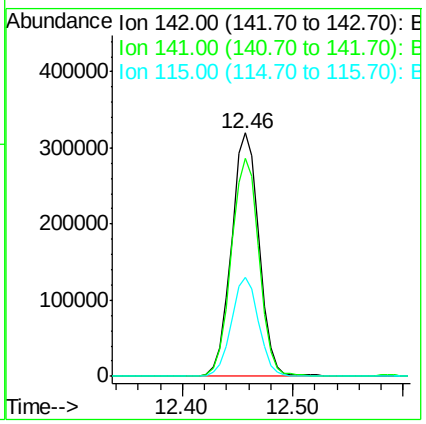


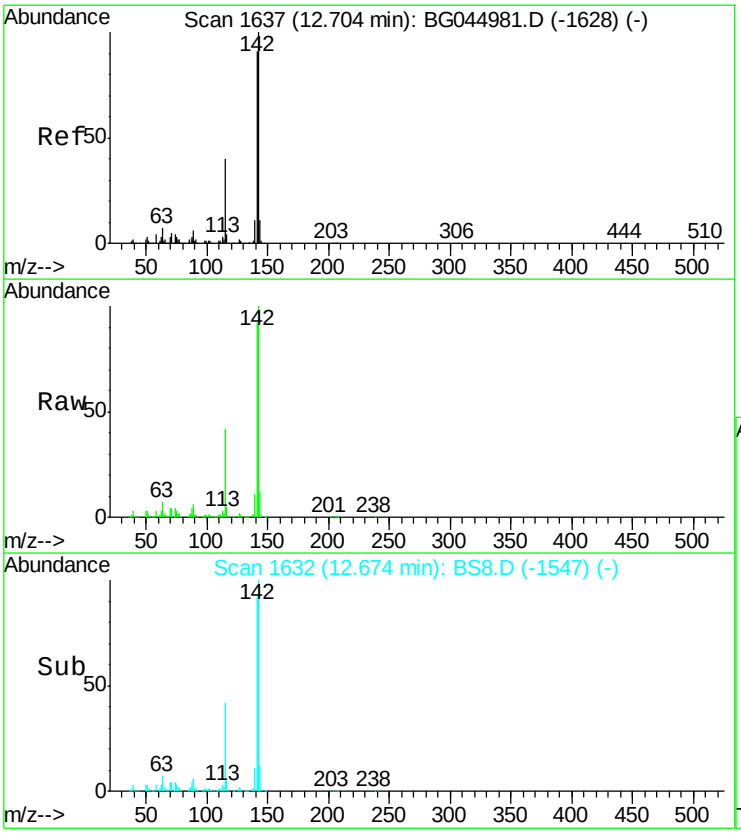

#37
2-Methylnaphthalene
Concen: 45.631 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:142 Resp: 561871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.6 | 70.3 | 105.5 |
| 115 | 40.7 | 29.8 | 44.6 |

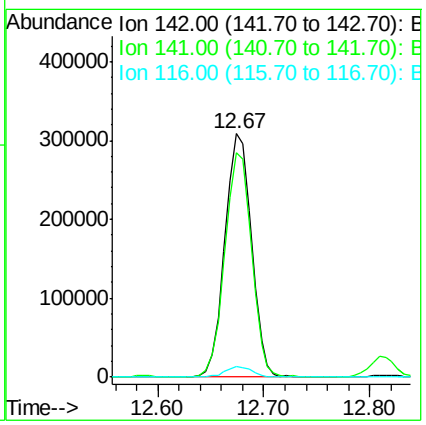


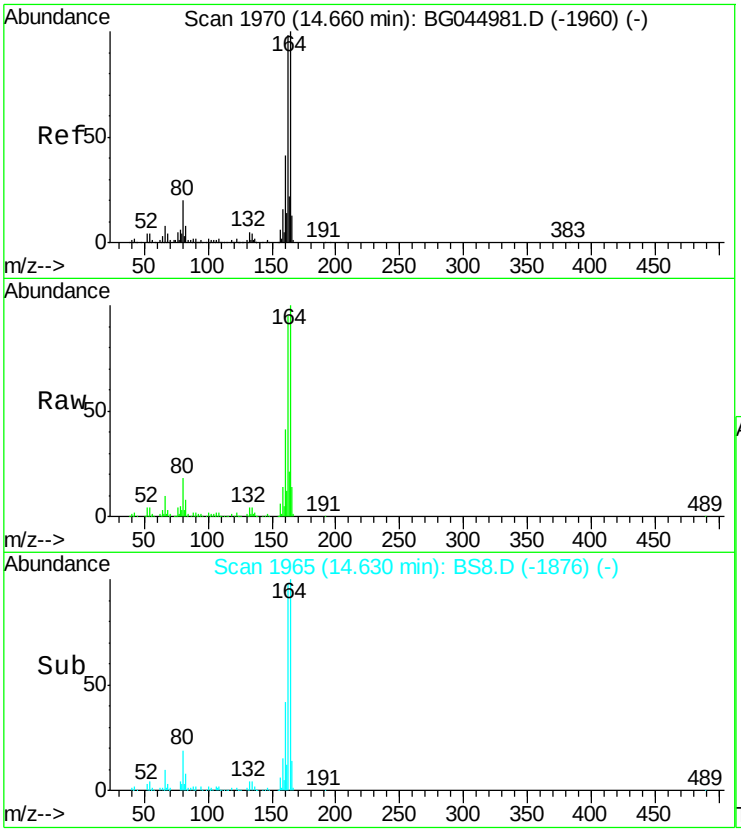




#38
1-Methylnaphthalene
Concen: 46.114 ng
RT: 12.67 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:142 Resp: 536042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.3 | 72.7 | 109.1 |
| 116 | 4.6 | 3.1 | 4.7 |



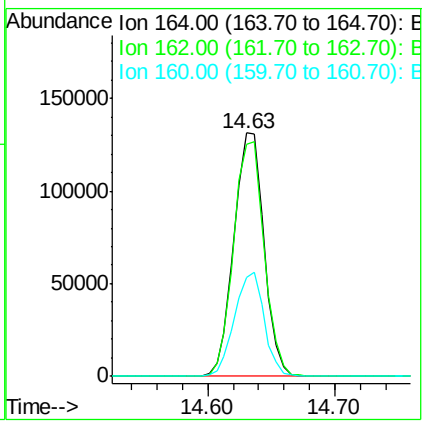


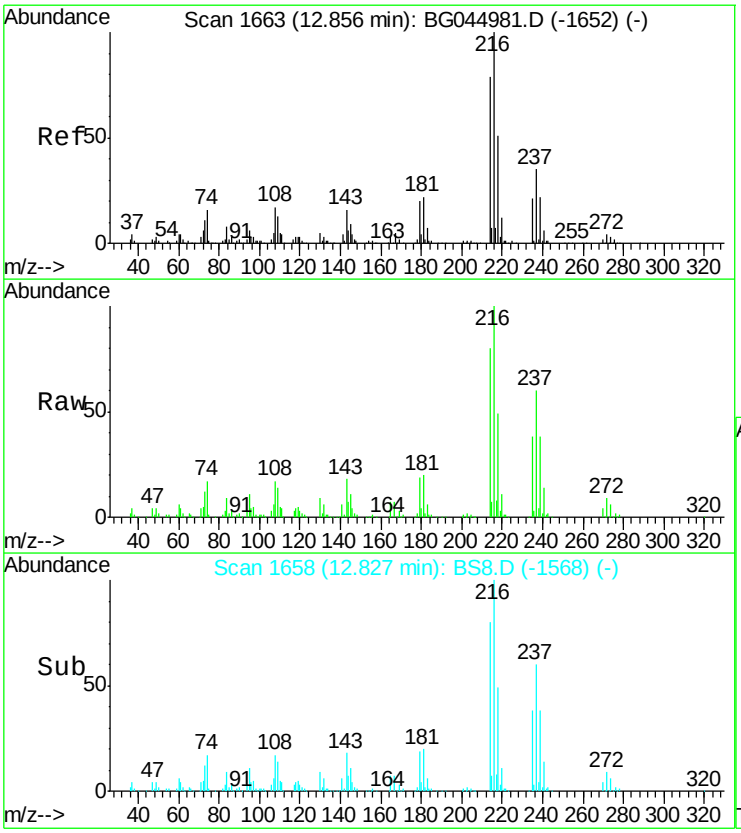

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:164 Resp: 215368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.2 | 78.7 | 118.1 |
| 160 | 40.6 | 32.8 | 49.2 |

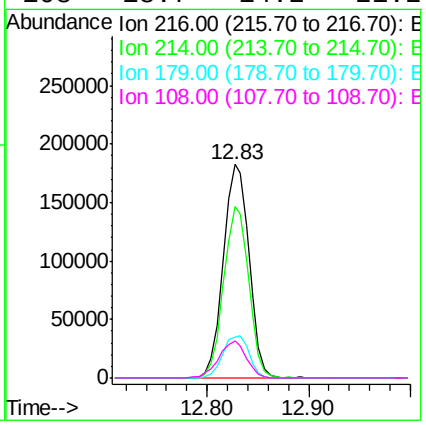


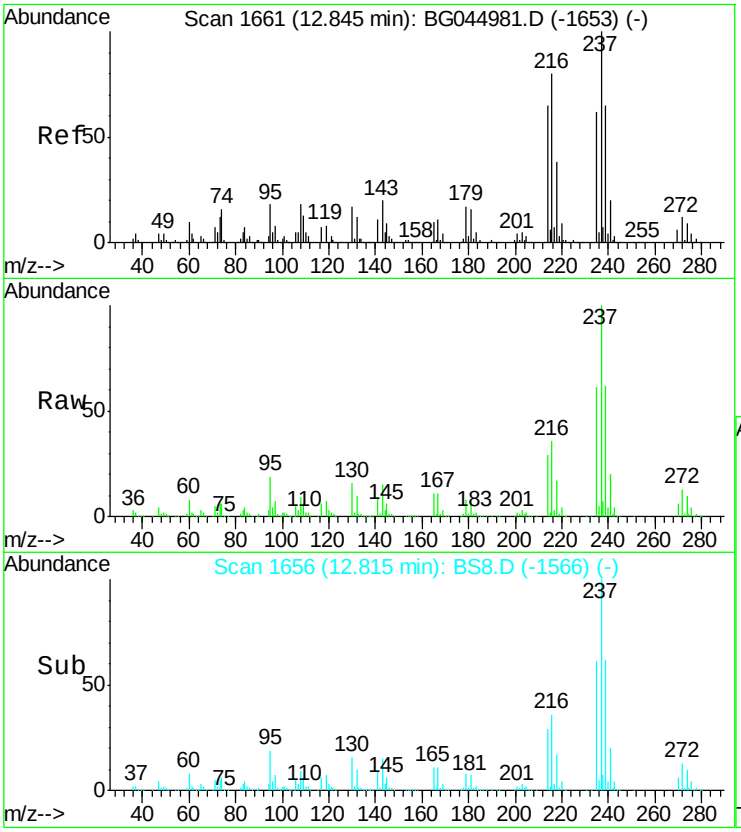




#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.073 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:216 Resp: 319482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.7 | 63.0 | 94.6 |
| 179 | 20.4 | 15.8 | 23.8 |
| 108 | 18.7 | 14.2 | 21.2 |



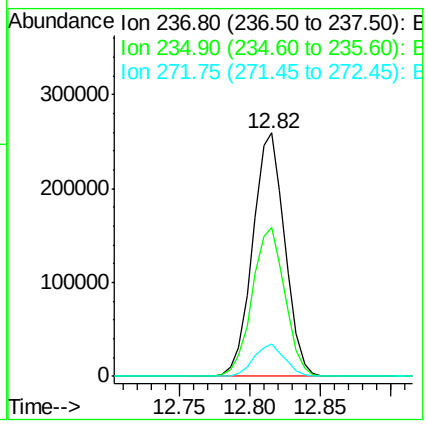


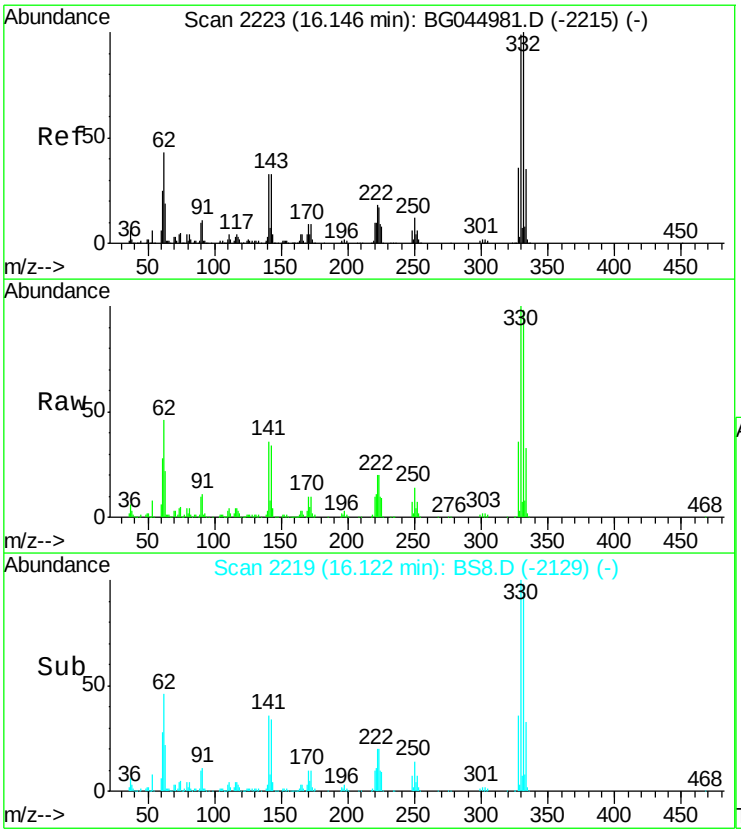

#41
Hexachlorocyclopentadiene
Concen: 95.370 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:237 Resp: 413335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.3 | 41.6 | 81.6 |
| 272 | 13.2 | 0.0 | 32.1 |

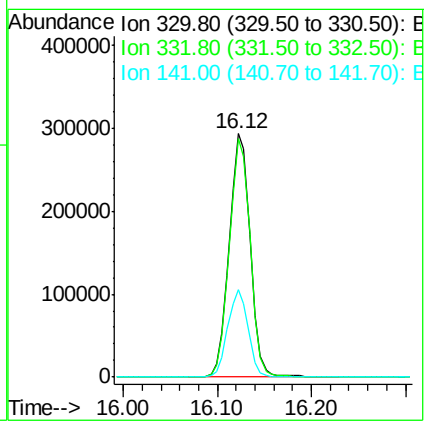


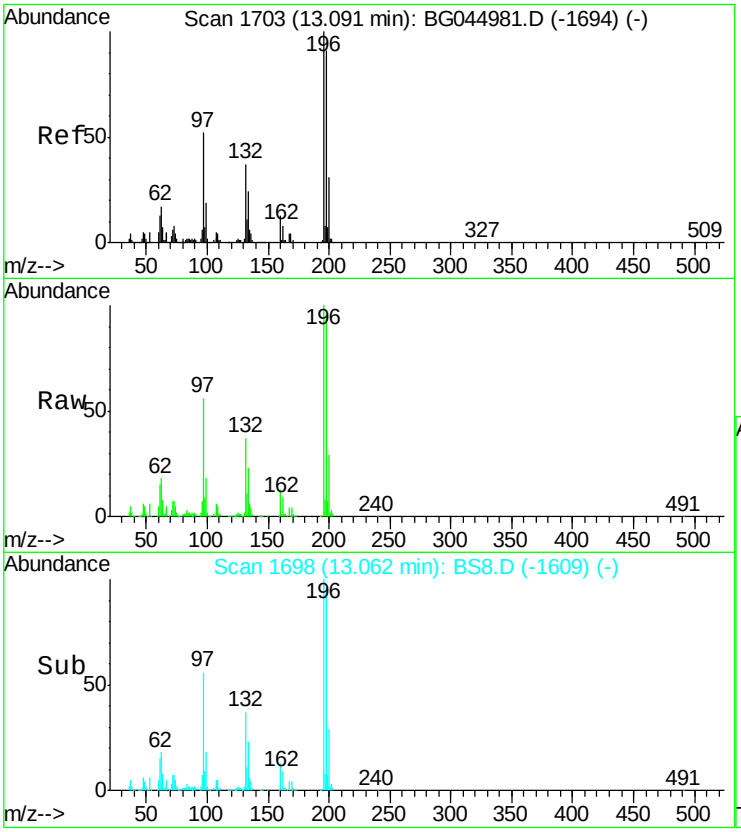




#42
2,4,6-Tribromophenol
Concen: 136.809 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:330 Resp: 455183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 79.1 | 118.7 |
| 141 | 34.9 | 27.1 | 40.7 |



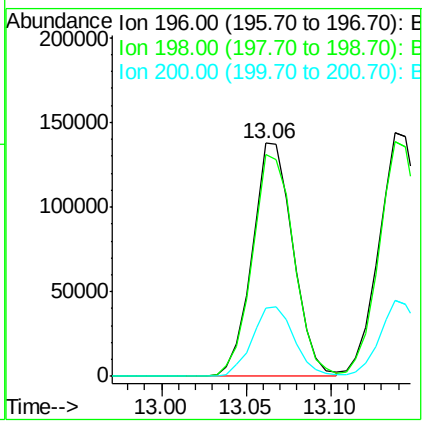


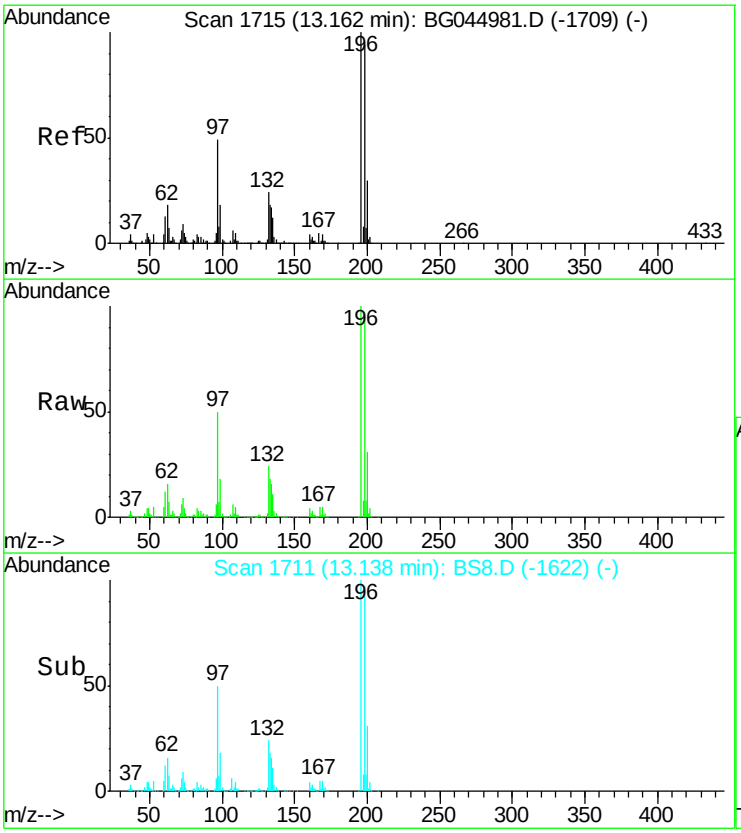

#43
2,4,6-Trichlorophenol
Concen: 47.183 ng
RT: 13.06 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:196 Resp: 230911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.1 | 72.5 | 108.7 |
| 200 | 29.5 | 24.5 | 36.7 |

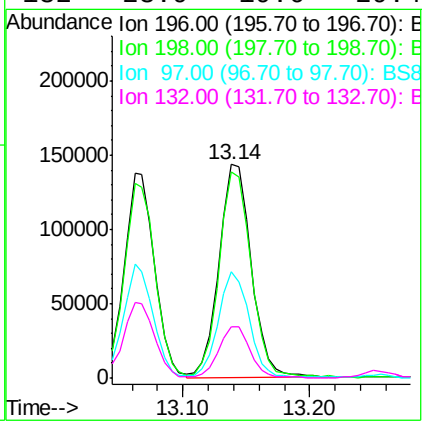


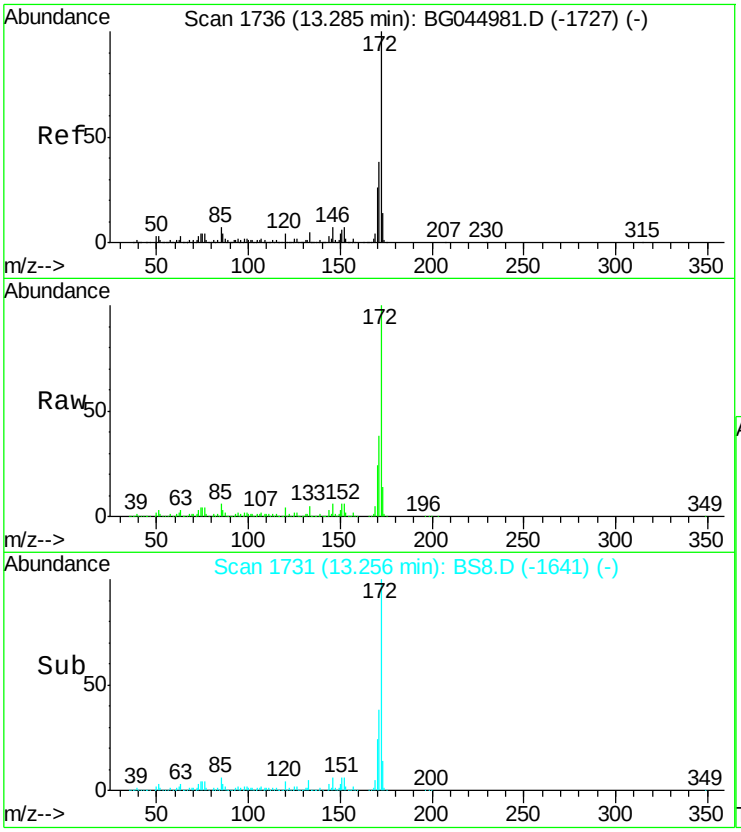




#44
2,4,5-Trichlorophenol
Concen: 45.316 ng
RT: 13.14 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:196 Resp: 252436

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.6 | 75.7 | 113.5 |
| 97 | 50.0 | 39.6 | 59.4 |
| 132 | 23.9 | 19.6 | 29.4 |



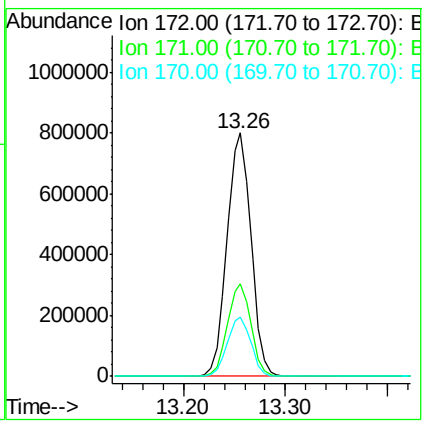


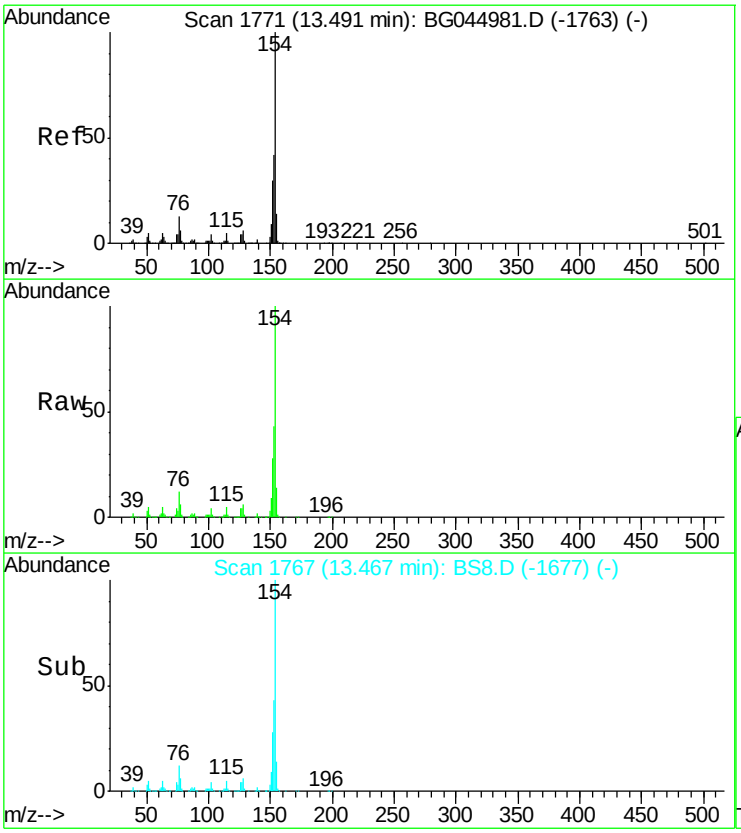

#45
2-Fluorobiphenyl
Concen: 89.175 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:172 Resp: 1309779

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.9 | 30.6 | 46.0 |
| 170 | 24.1 | 20.5 | 30.7 |

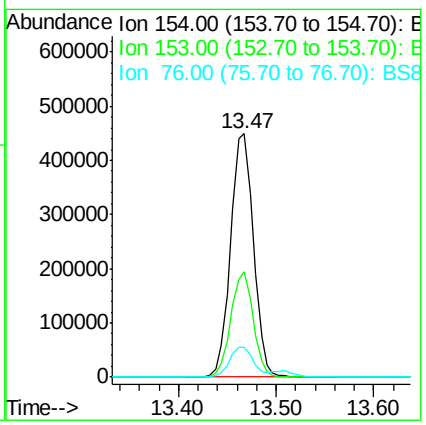


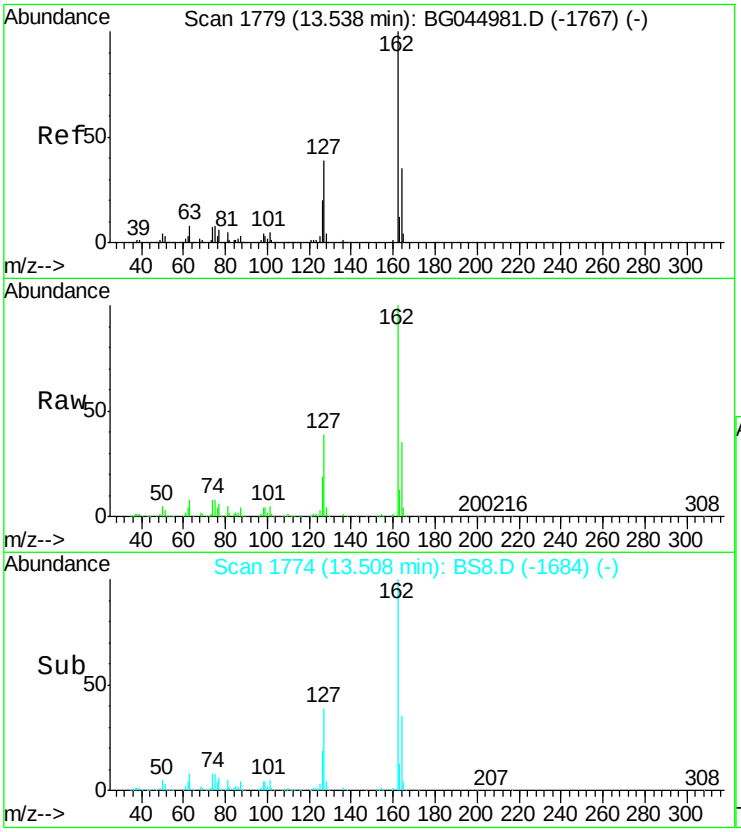




#46
1,1'-Biphenyl
Concen: 44.680 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:154 Resp: 731394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 43.1 | 21.9 | 61.9 |
| 76 | 12.5 | 0.0 | 33.1 |



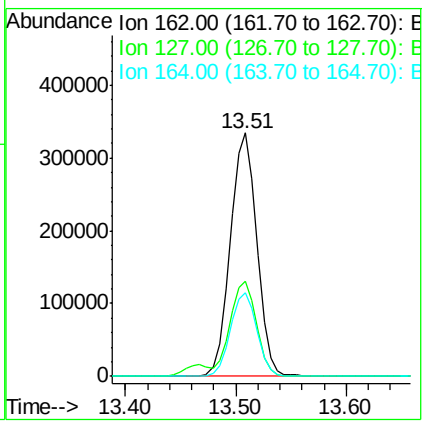


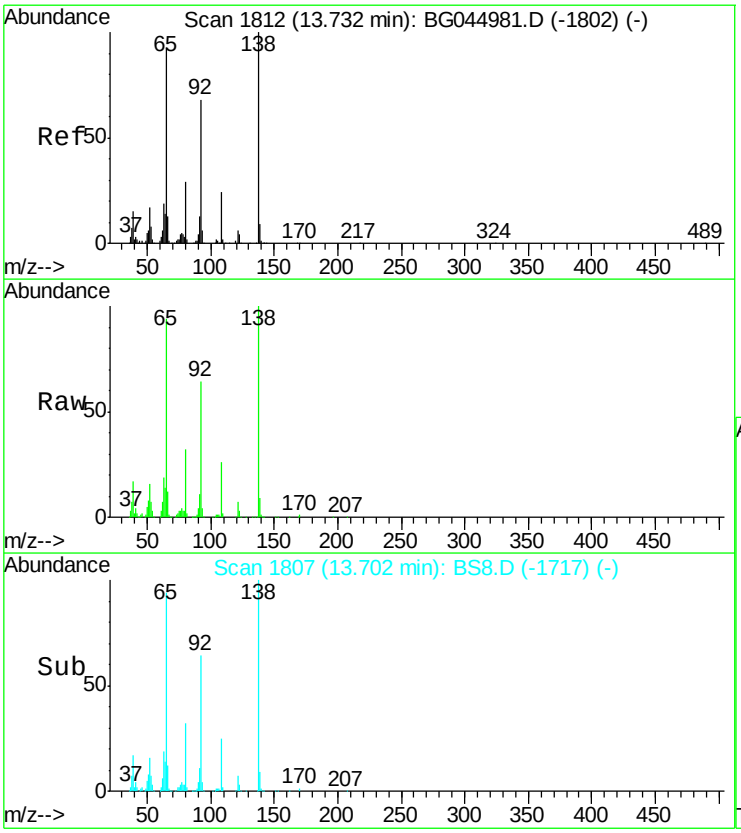

#47
2-Chloronaphthalene
Concen: 45.130 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:162 Resp: 564478

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.0 | 31.3 | 46.9 |
| 164 | 34.5 | 27.8 | 41.8 |

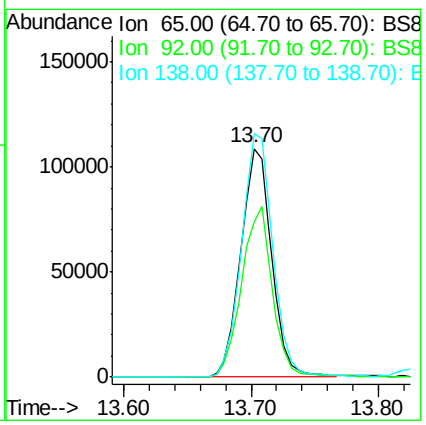


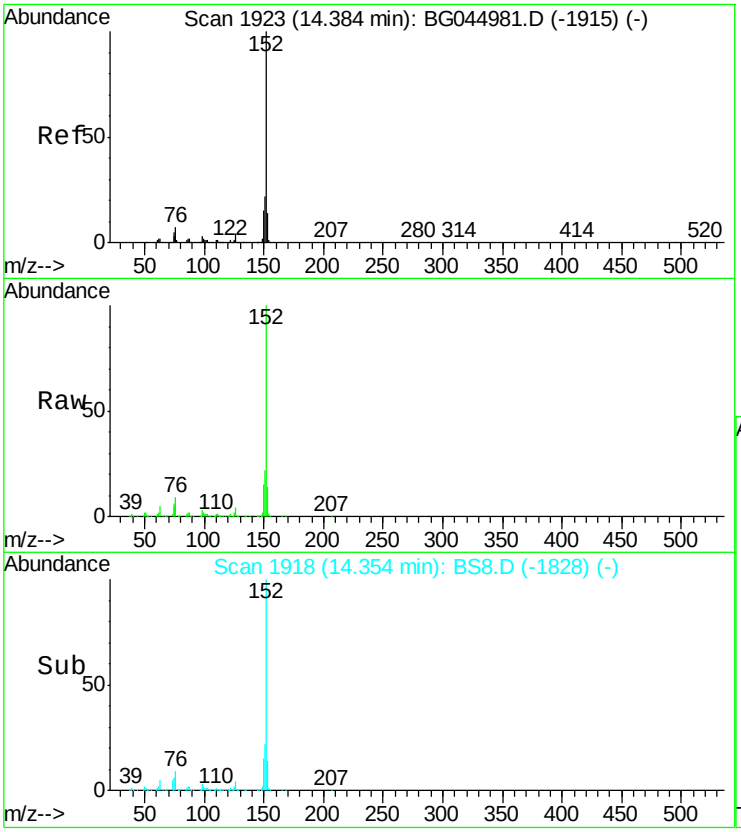




#48
2-Nitroaniline
Concen: 44.857 ng
RT: 13.70 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion: 65 Resp: 184600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 68.1 | 58.3 | 87.5 |
| 138 | 106.4 | 85.6 | 128.4 |



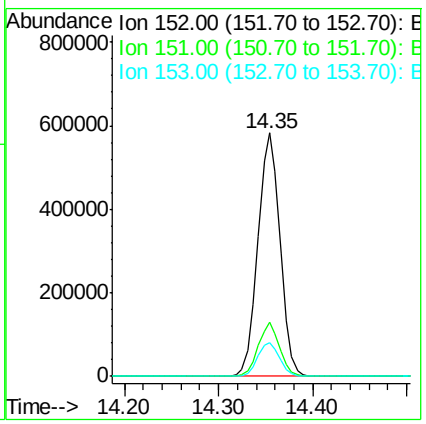


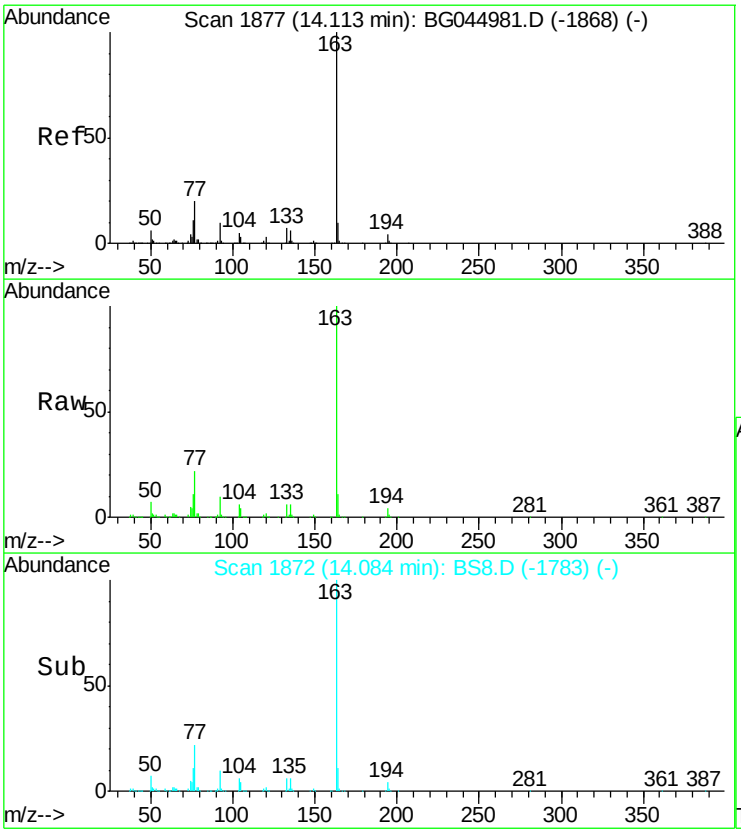

#49
Acenaphthylene
Concen: 46.442 ng
RT: 14.35 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:152 Resp: 946195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 22.2 | 17.2 | 25.8 |
| 153 | 13.7 | 11.0 | 16.4 |

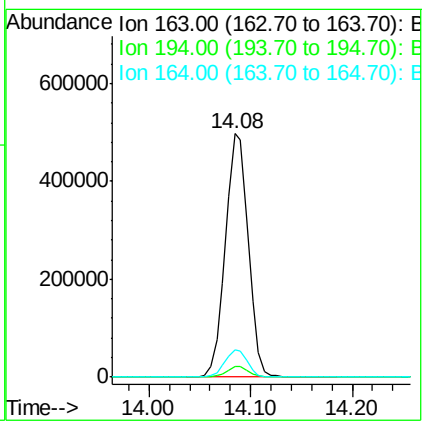


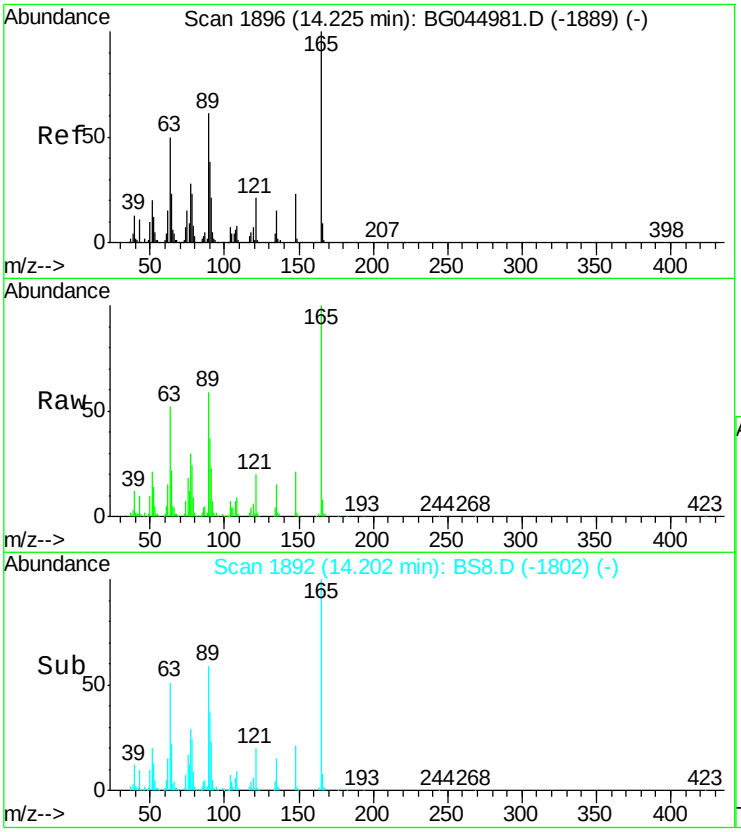




#50
Dimethylphthalate
Concen: 44.212 ng
RT: 14.08 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:163 Resp: 775304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.5 | 5.3 |
| 164 | 11.1 | 8.2 | 12.4 |



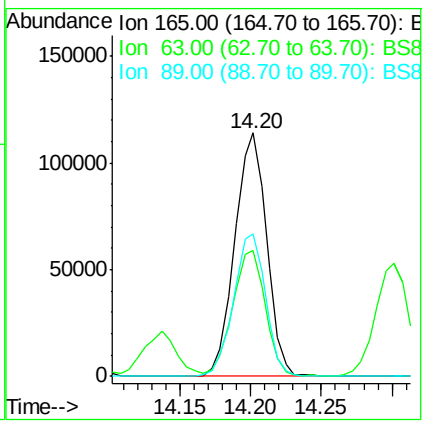


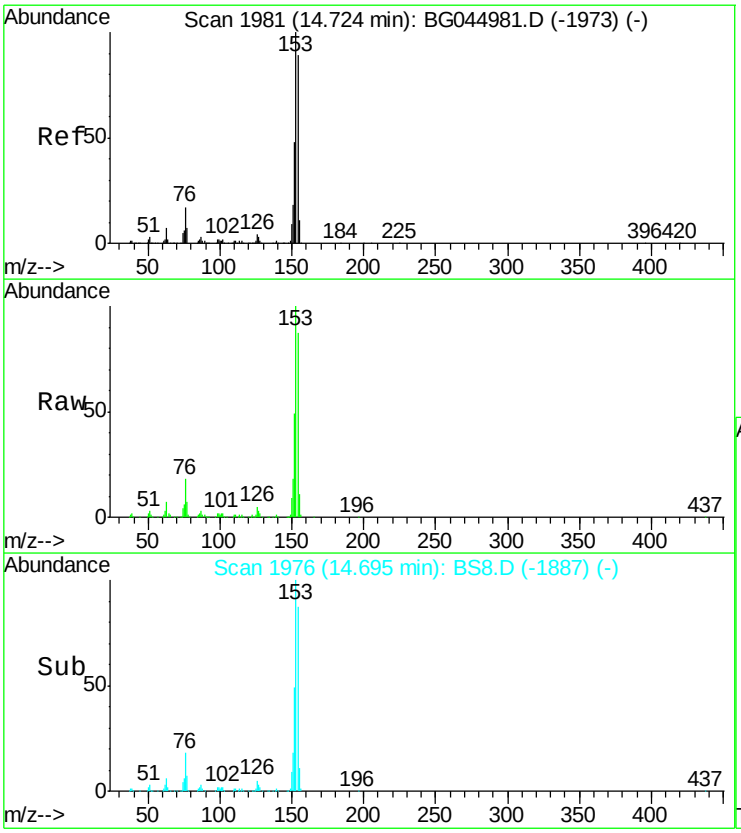

#51
2,6-Dinitrotoluene
Concen: 45.865 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:165 Resp: 179898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 51.8 | 40.4 | 60.6 |
| 89 | 58.5 | 49.1 | 73.7 |

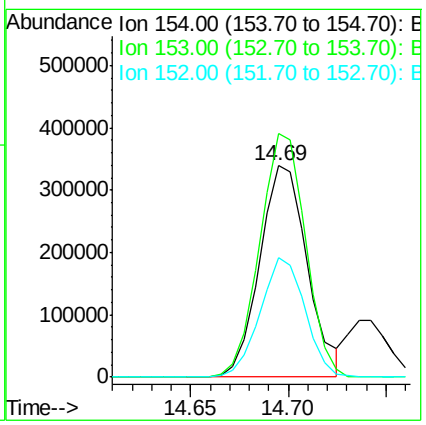


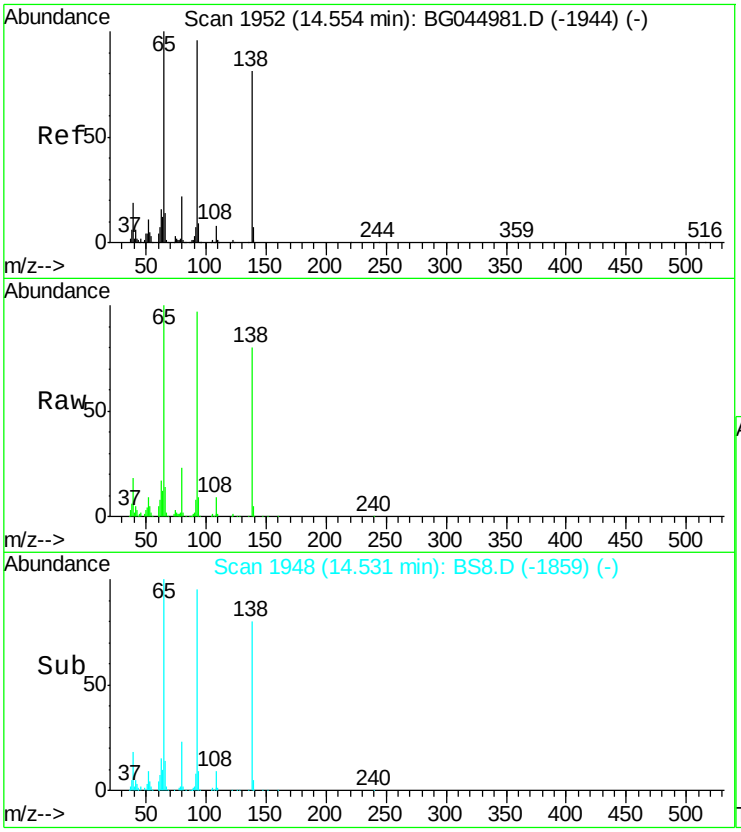




#52
Acenaphthene
Concen: 41.453 ng
RT: 14.69 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:154 Resp: 571423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.3 | 89.7 | 134.5 |
| 152 | 56.6 | 43.1 | 64.7 |



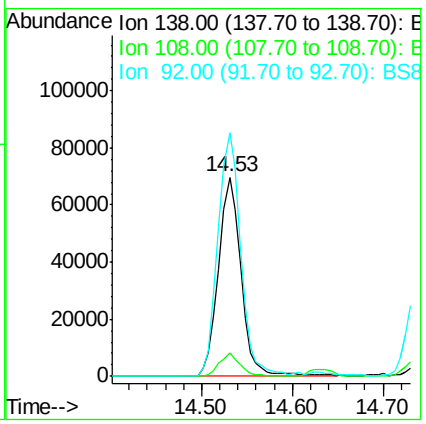


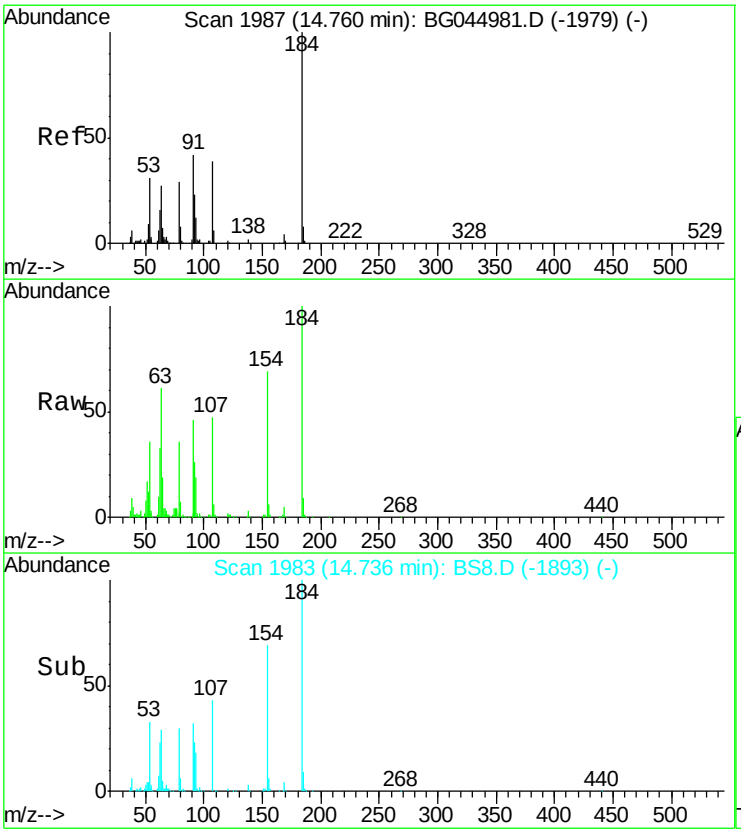

#53
3-Nitroaniline
Concen: 28.019 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:138 Resp: 120536

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.6 | 7.8 | 11.8 |
| 92 | 122.1 | 94.5 | 141.7 |

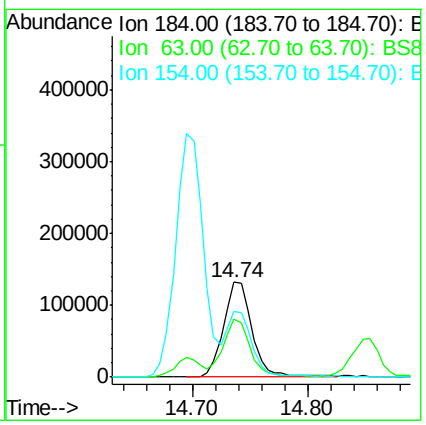


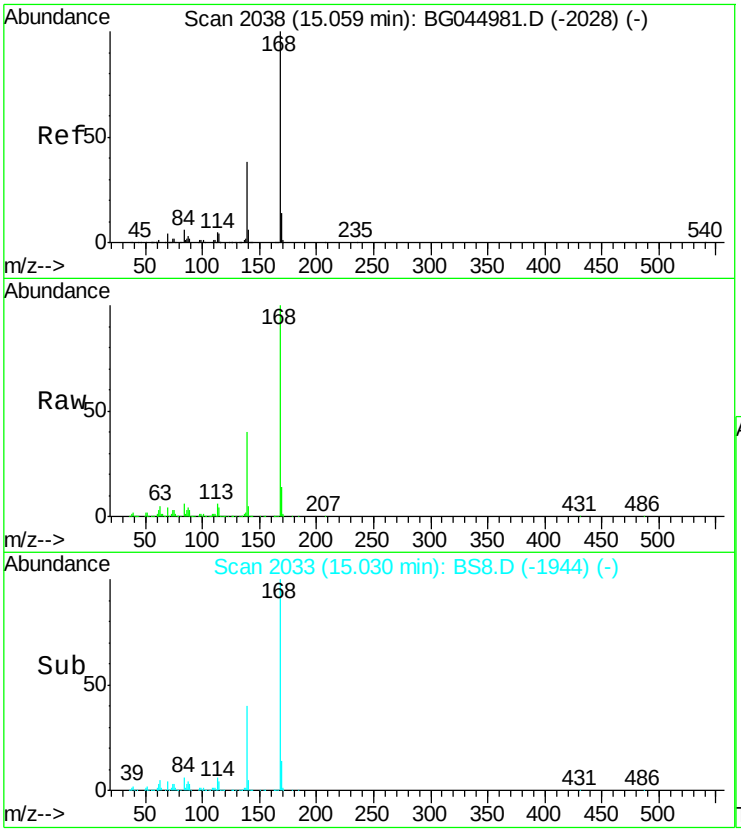




#54
2,4-Dinitrophenol
Concen: 97.376 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:184 Resp: 227116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 61.1 | 41.5 | 62.3 |
| 154 | 68.8 | 52.3 | 78.5 |



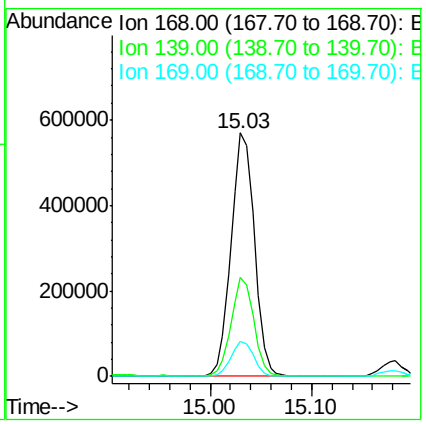


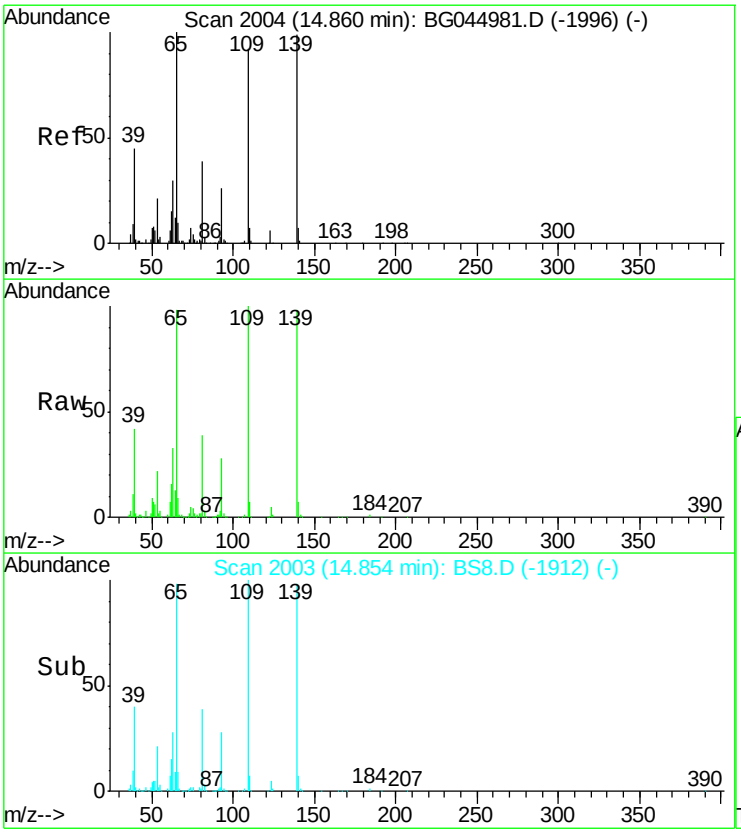

#55
Dibenzofuran
Concen: 45.487 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:168 Resp: 914148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 40.4 | 30.4 | 45.6 |
| 169 | 14.1 | 11.0 | 16.4 |

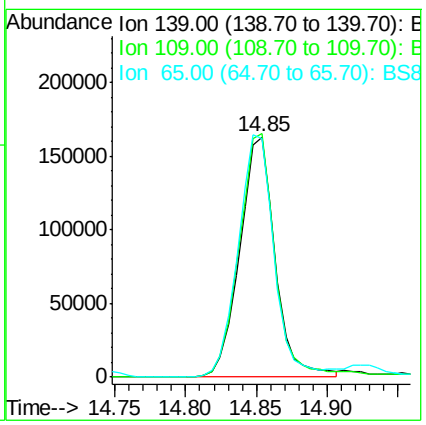


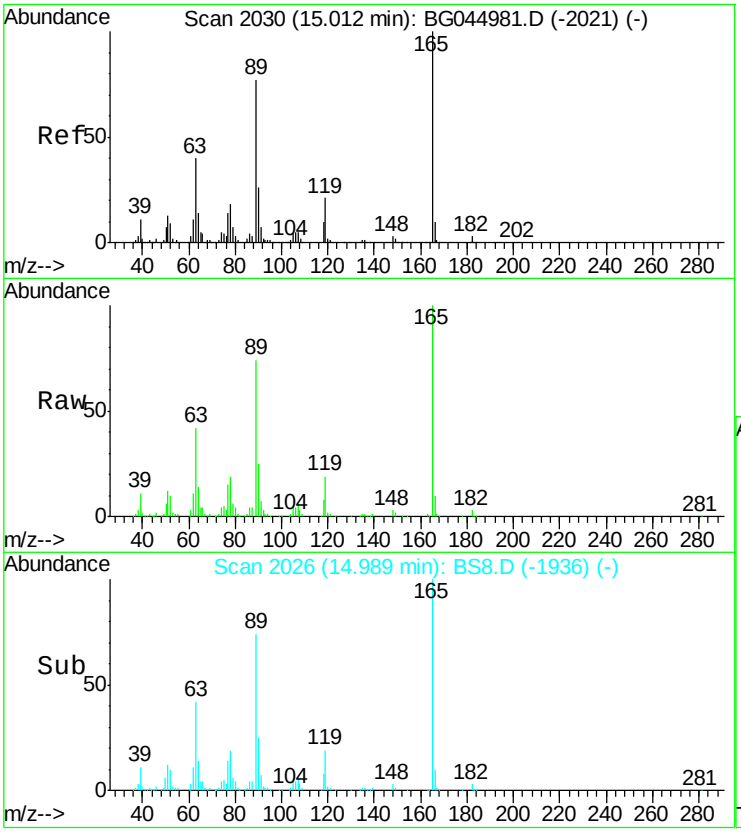




#56
4-Nitrophenol
Concen: 85.515 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:139 Resp: 285240

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 101.5 | 73.6 | 113.6 |
| 65 | 99.7 | 81.2 | 121.2 |



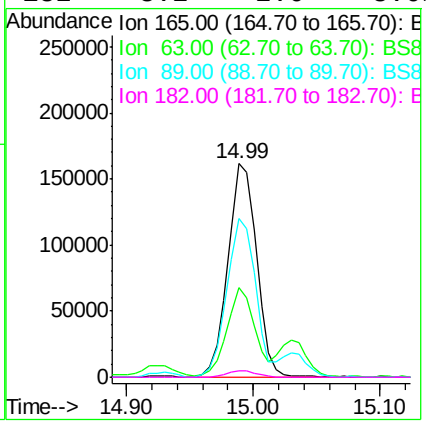


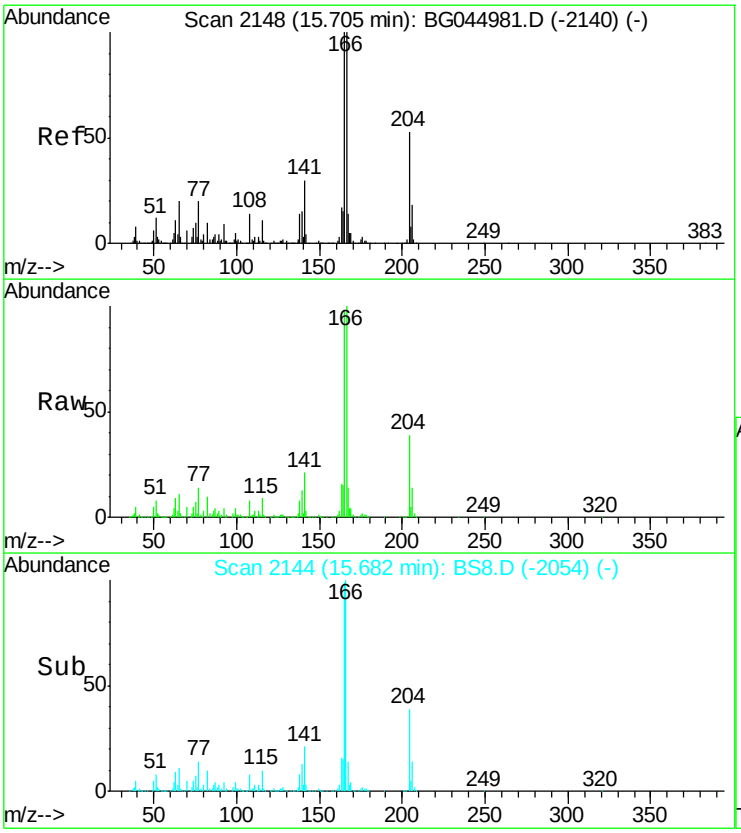

#57
2,4-Dinitrotoluene
Concen: 44.091 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:165 Resp: 252732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 42.2 | 32.2 | 48.2 |
| 89 | 74.4 | 61.7 | 92.5 |
| 182 | 3.2 | 2.0 | 3.0# |

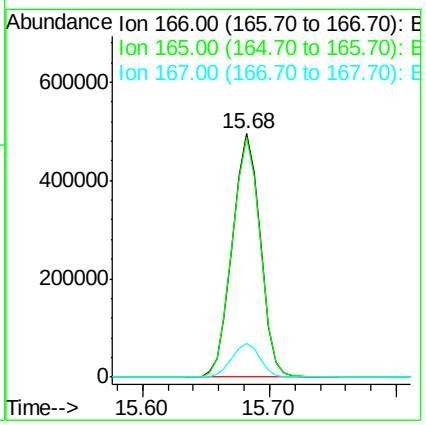


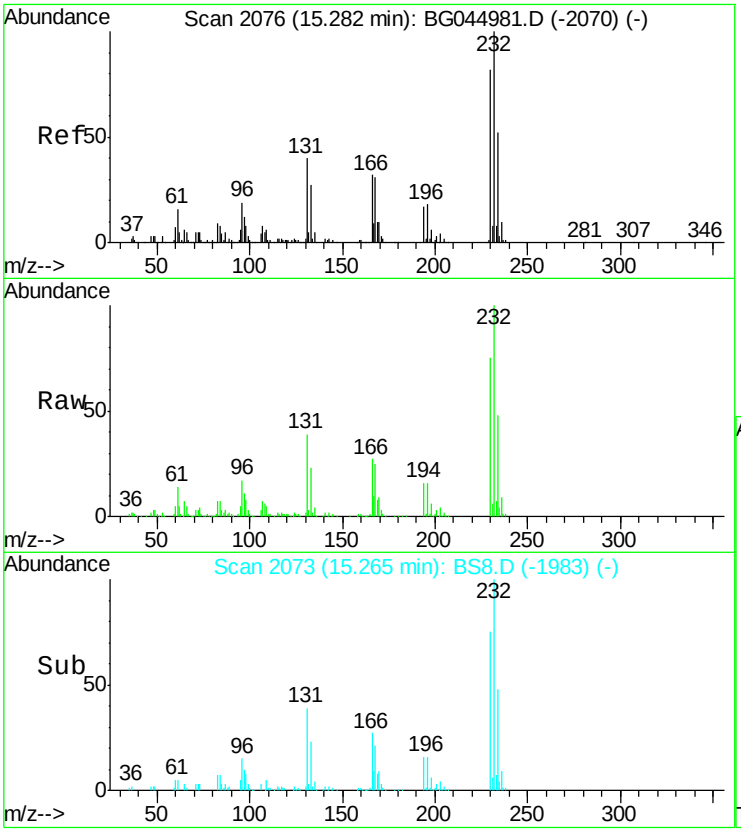




#58
Fluorene
Concen: 45.914 ng
RT: 15.68 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:166 Resp: 753709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 79.9 | 119.9 |
| 167 | 13.7 | 11.4 | 17.0 |



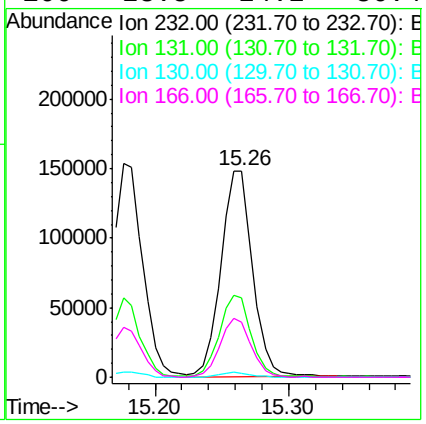


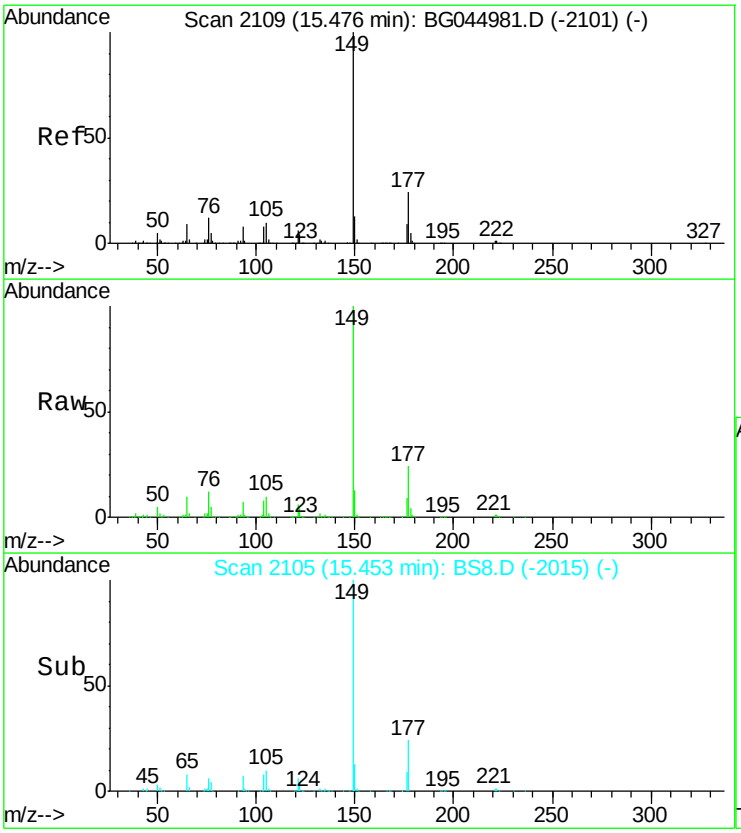

#59
2,3,4,6-Tetrachlorophenol
Concen: 49.506 ng
RT: 15.26 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:232 Resp: 245381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 39.8 | 32.2 | 48.2 |
| 130 | 2.4 | 2.2 | 3.2 |
| 166 | 28.5 | 24.2 | 36.4 |

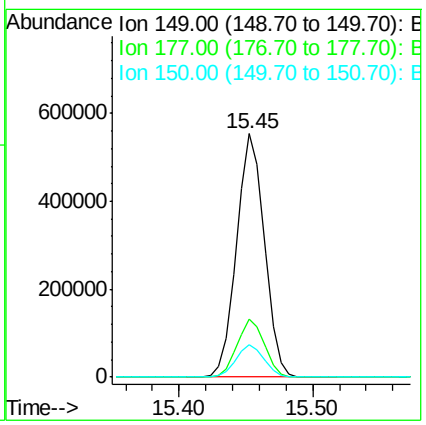


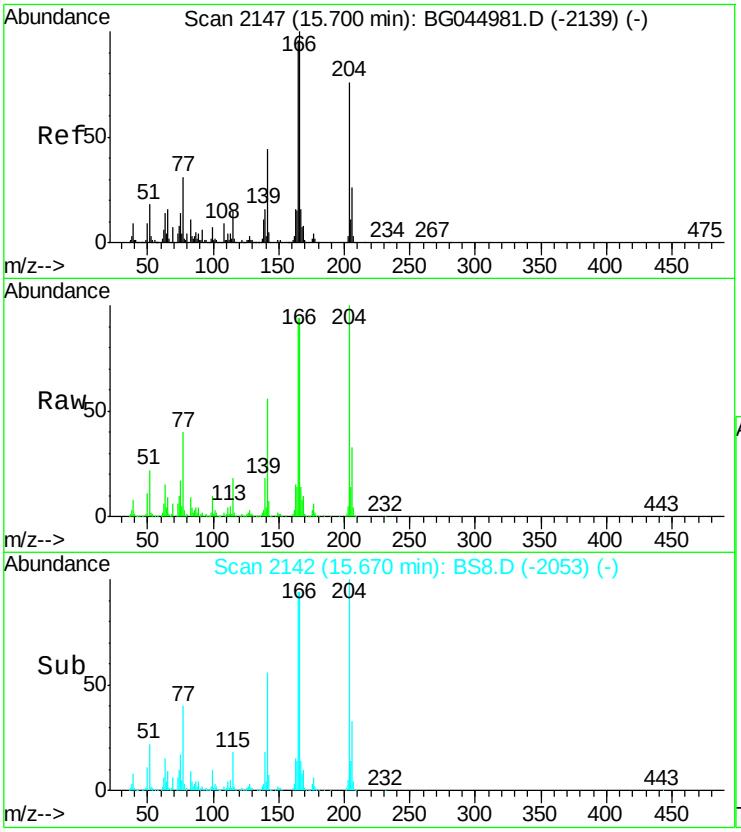




#60
Diethylphthalate
Concen: 43.554 ng
RT: 15.45 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:149 Resp: 796311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.7 | 18.9 | 28.3 |
| 150 | 13.3 | 10.6 | 15.8 |



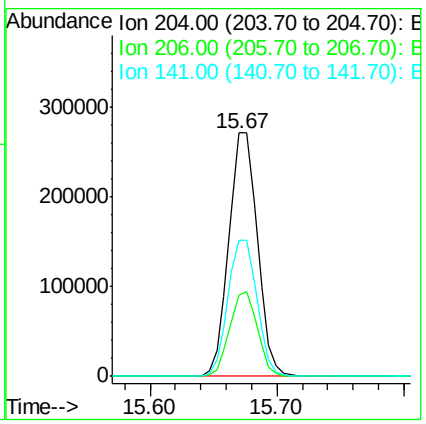


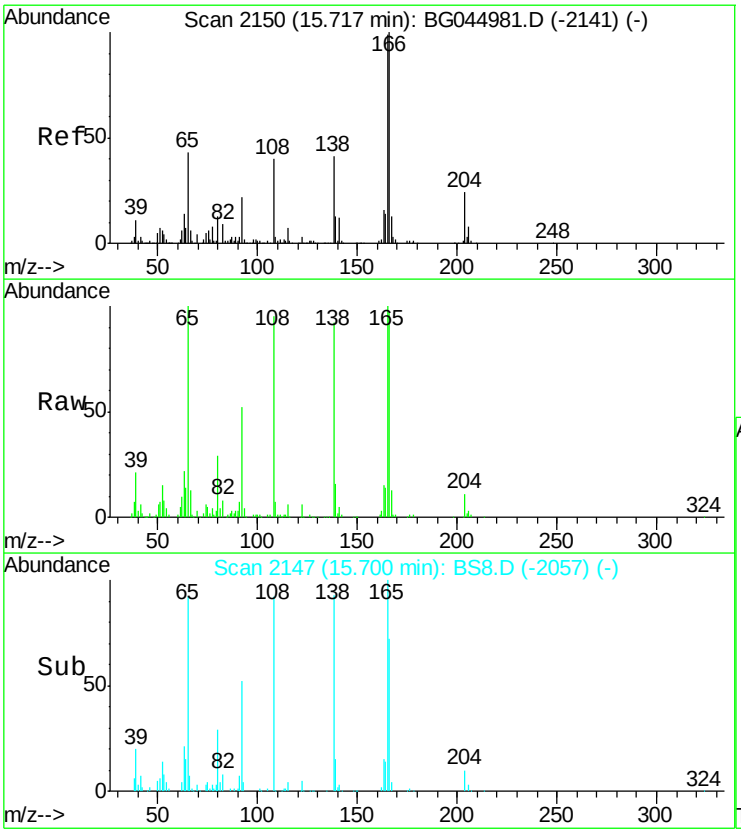

#61
4-Chlorophenyl-phenylether
Concen: 44.628 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:204 Resp: 421674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.1 | 26.9 | 40.3 |
| 141 | 56.1 | 46.3 | 69.5 |

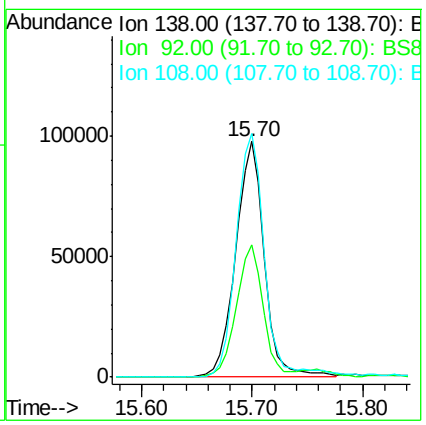


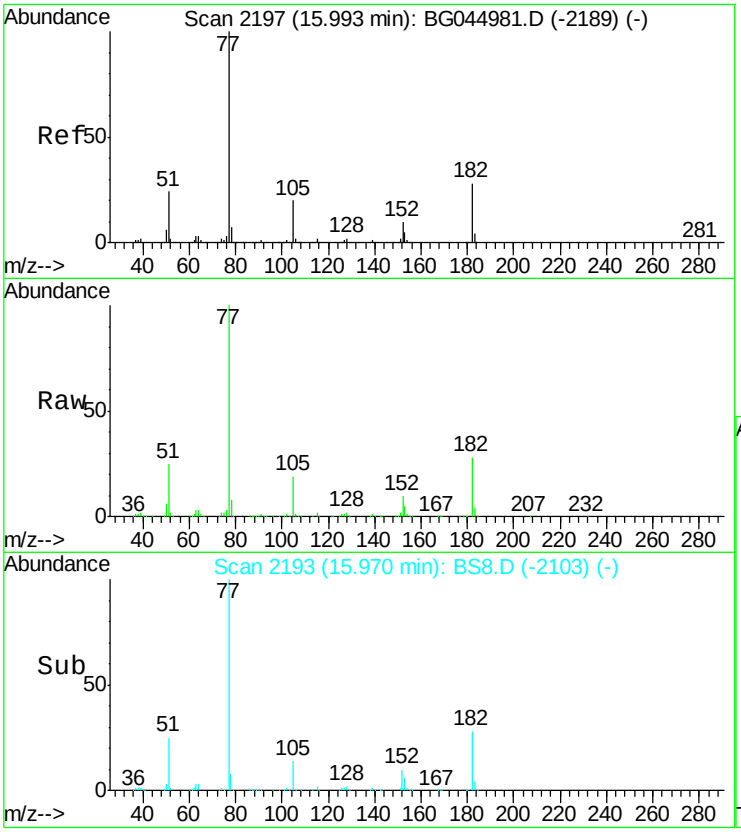




#62
4-Nitroaniline
Concen: 39.922 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:138 Resp: 178127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 56.3 | 33.6 | 73.6 |
| 108 | 103.2 | 78.2 | 118.2 |



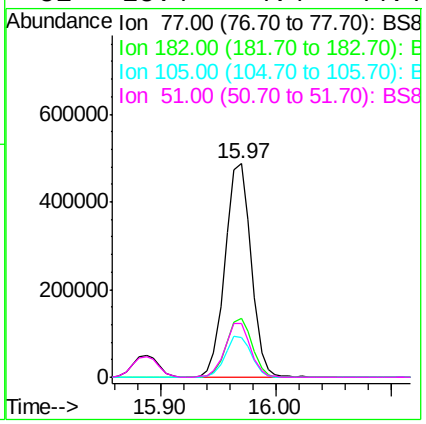


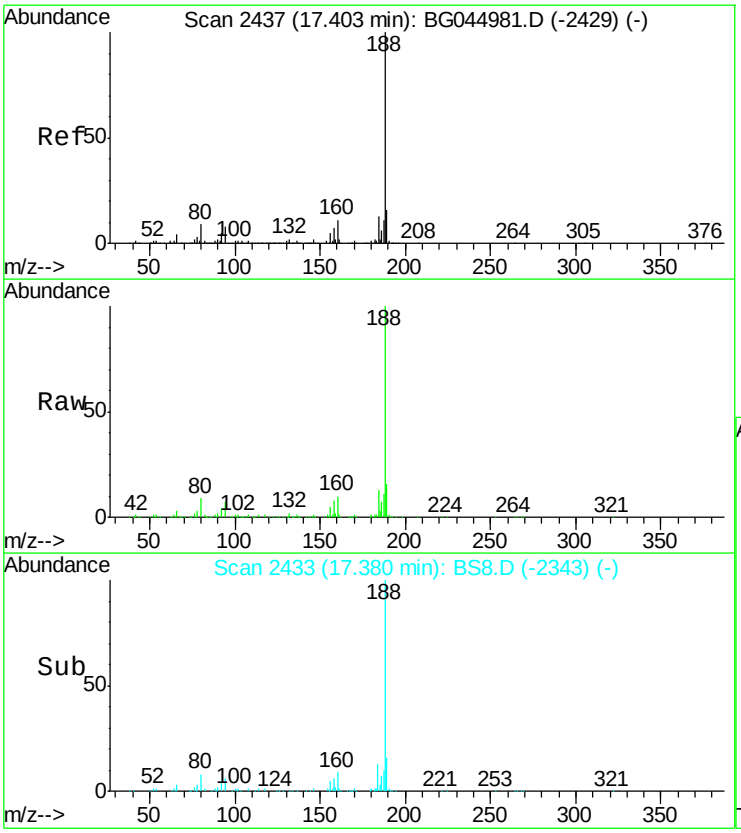

#63
Azobenzene
Concen: 44.866 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion: 77 Resp: 756283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 27.7 | 8.4 | 48.4 |
| 105 | 18.7 | 0.5 | 40.5 |
| 51 | 25.4 | 4.4 | 44.4 |

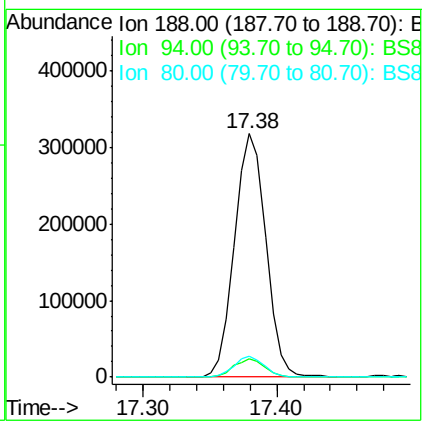


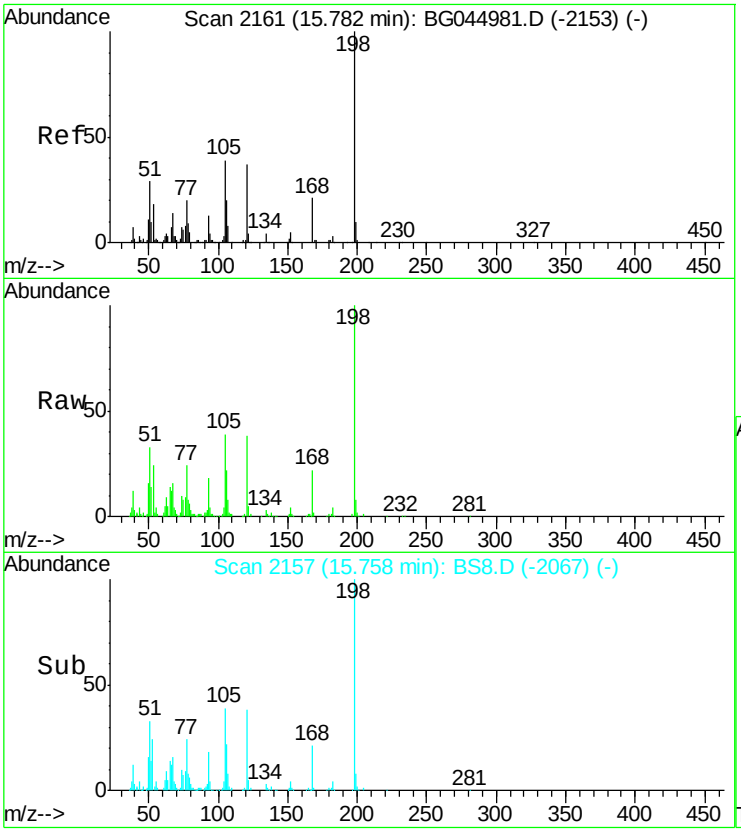




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:188 Resp: 517453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.4 | 6.2 | 9.4 |
| 80 | 8.6 | 7.0 | 10.6 |



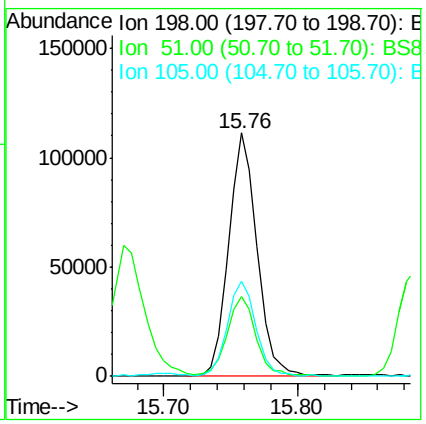


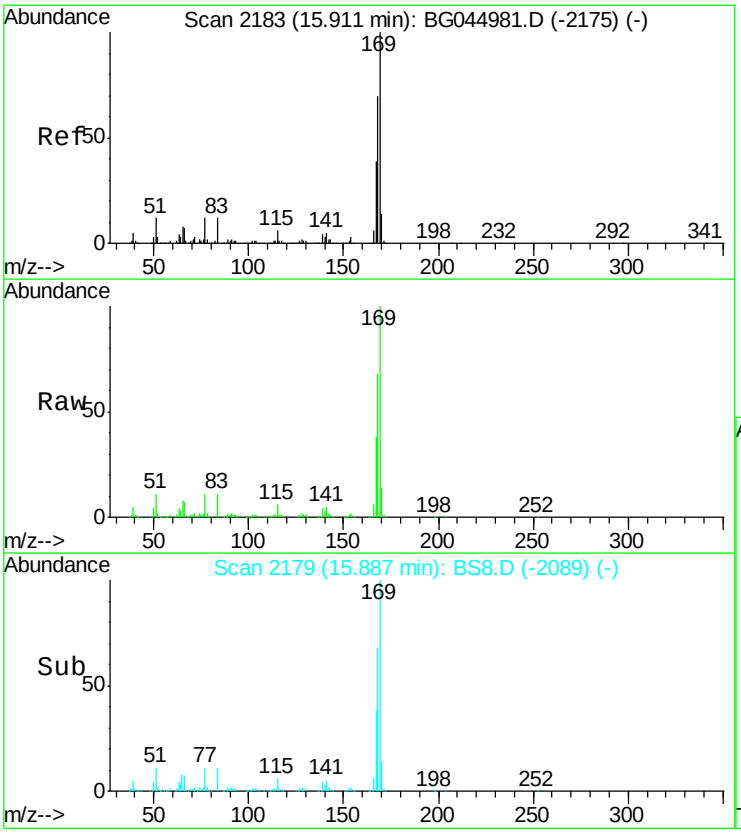

#65
4,6-Dinitro-2-methylphenol
Concen: 48.743 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:198 Resp: 165788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 32.6 | 10.0 | 50.0 |
| 105 | 39.3 | 18.9 | 58.9 |

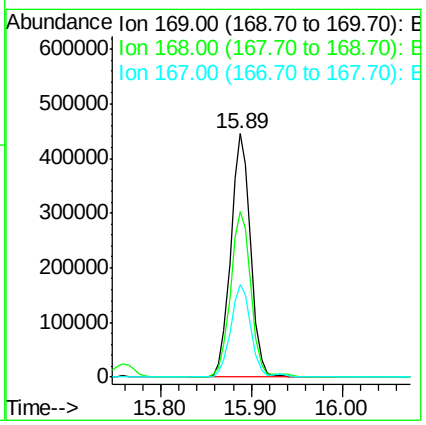


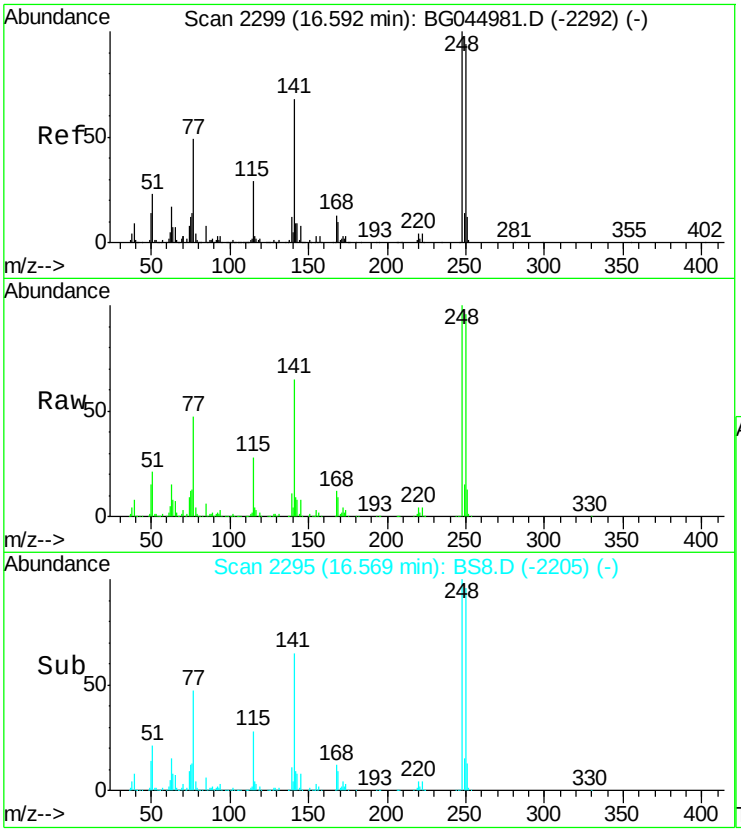




#66
n-Nitrosodiphenylamine
Concen: 45.648 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:169 Resp: 678664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.0 | 55.8 | 83.8 |
| 167 | 37.8 | 30.8 | 46.2 |



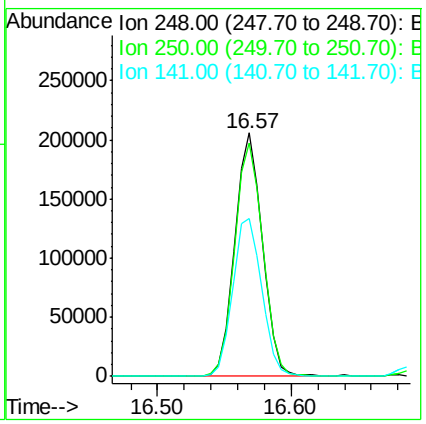


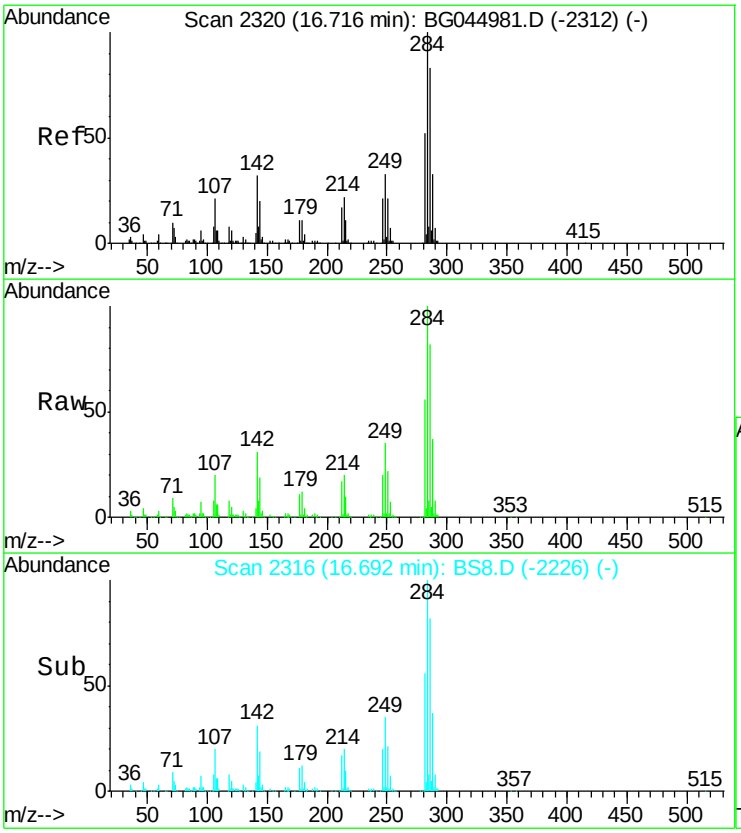

#67
4-Bromophenyl-phenylether
Concen: 44.122 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:248 Resp: 294538

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.1 | 75.4 | 113.2 |
| 141 | 64.8 | 54.4 | 81.6 |

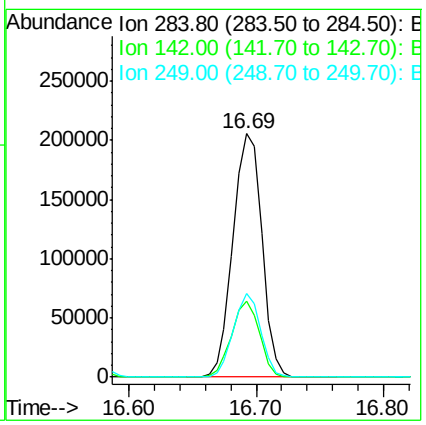


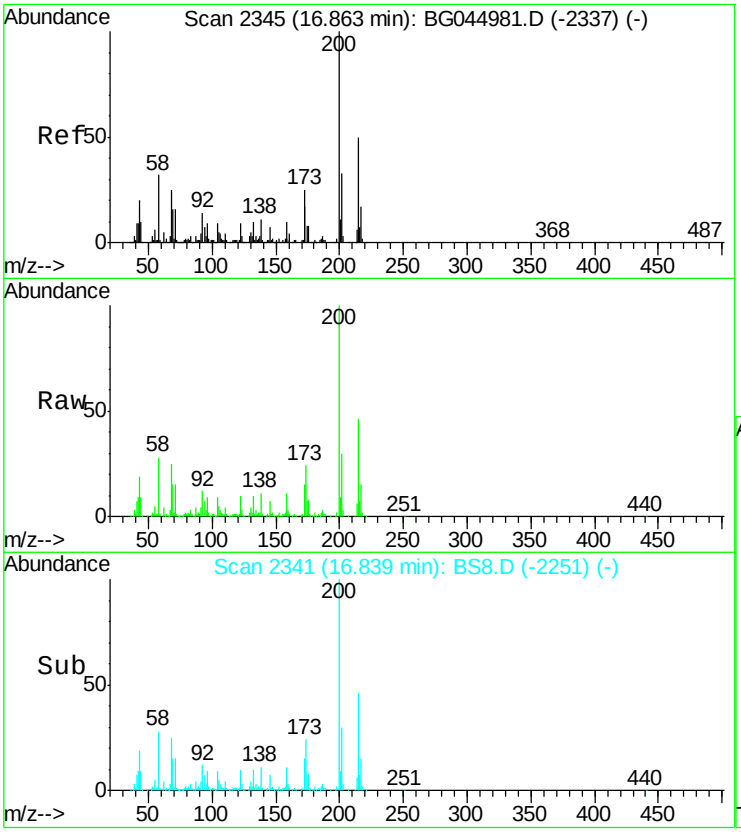




#68
Hexachlorobenzene
Concen: 46.837 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:284 Resp: 324267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 31.4 | 25.8 | 38.6 |
| 249 | 34.6 | 26.6 | 39.8 |



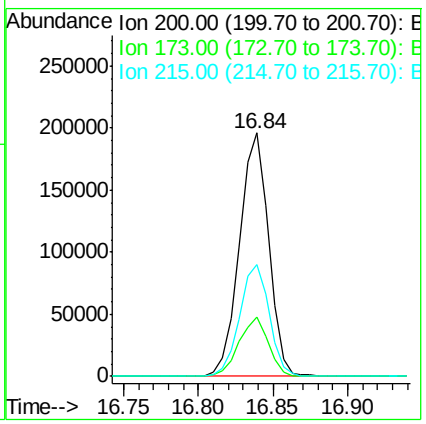


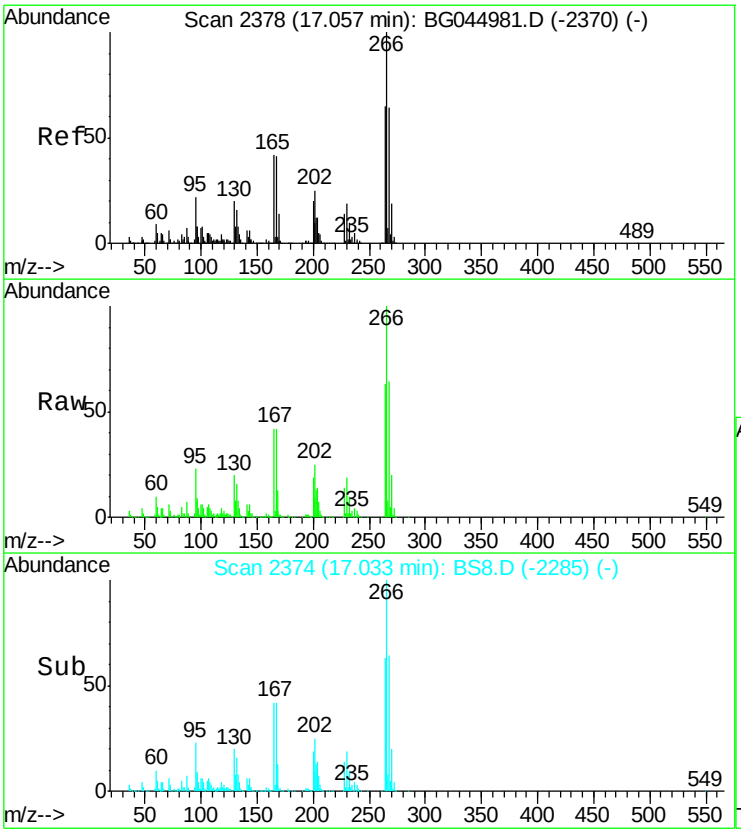

#69
Atrazine
Concen: 49.334 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:200 Resp: 265029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 24.4 | 4.5 | 44.5 |
| 215 | 46.2 | 30.0 | 70.0 |

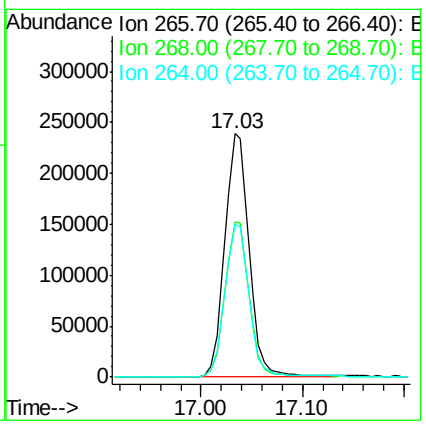


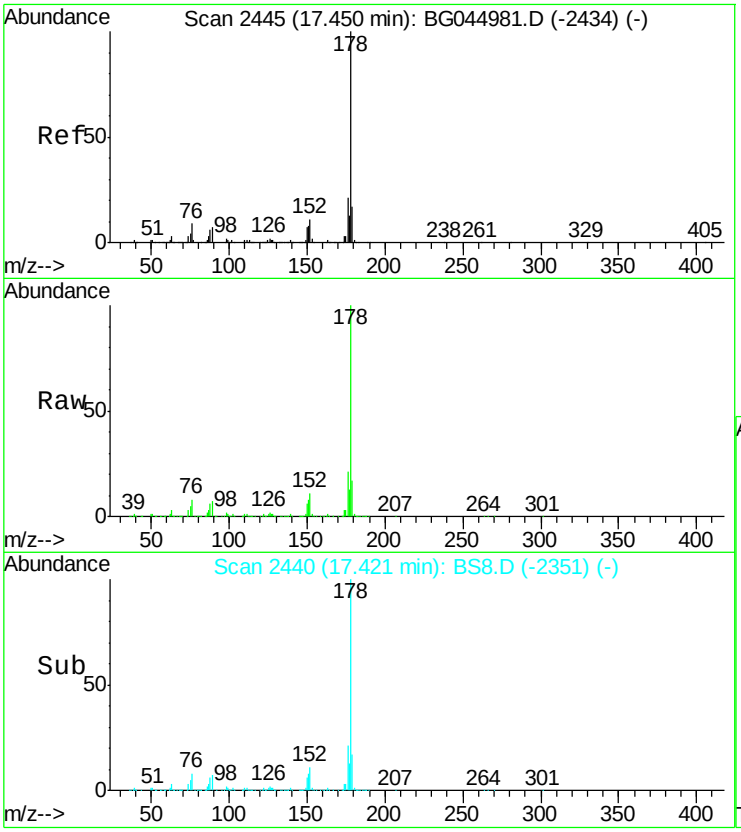




#70
Pentachlorophenol
Concen: 93.796 ng
RT: 17.03 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:266 Resp: 398370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.9 | 51.5 | 77.3 |
| 264 | 62.8 | 52.2 | 78.4 |



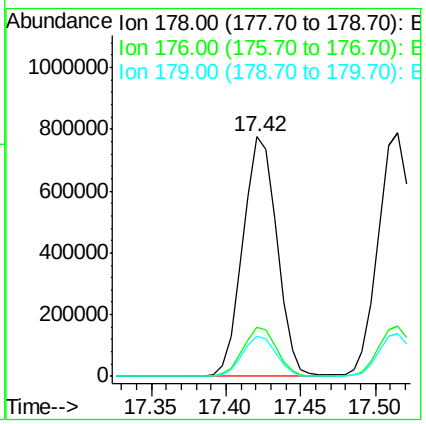


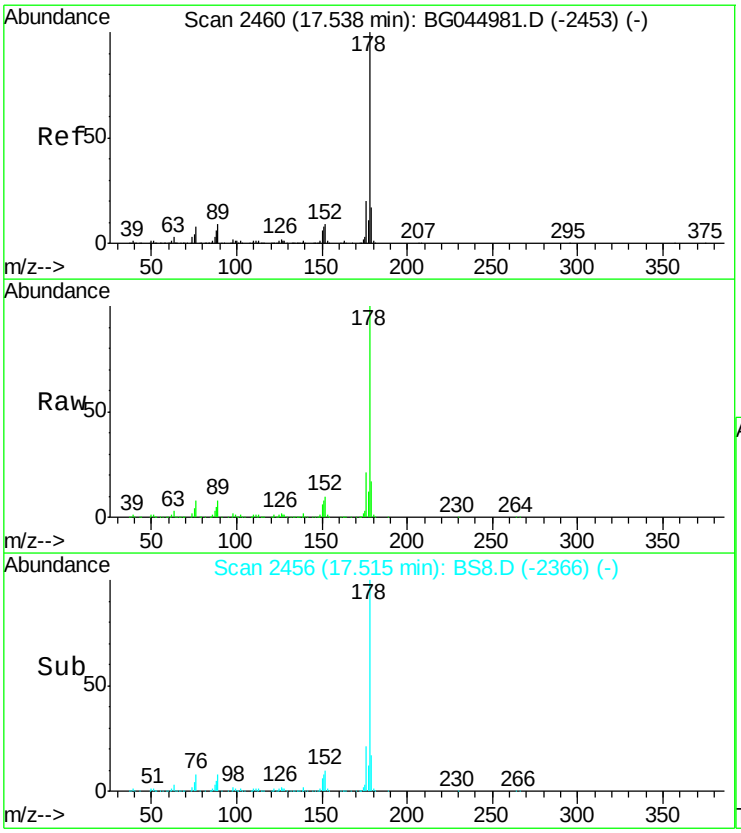

#71
Phenanthrene
Concen: 46.109 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:178 Resp: 1226059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.6 | 16.8 | 25.2 |
| 179 | 16.6 | 13.2 | 19.8 |

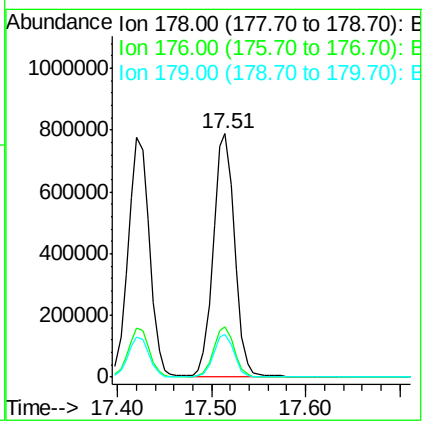


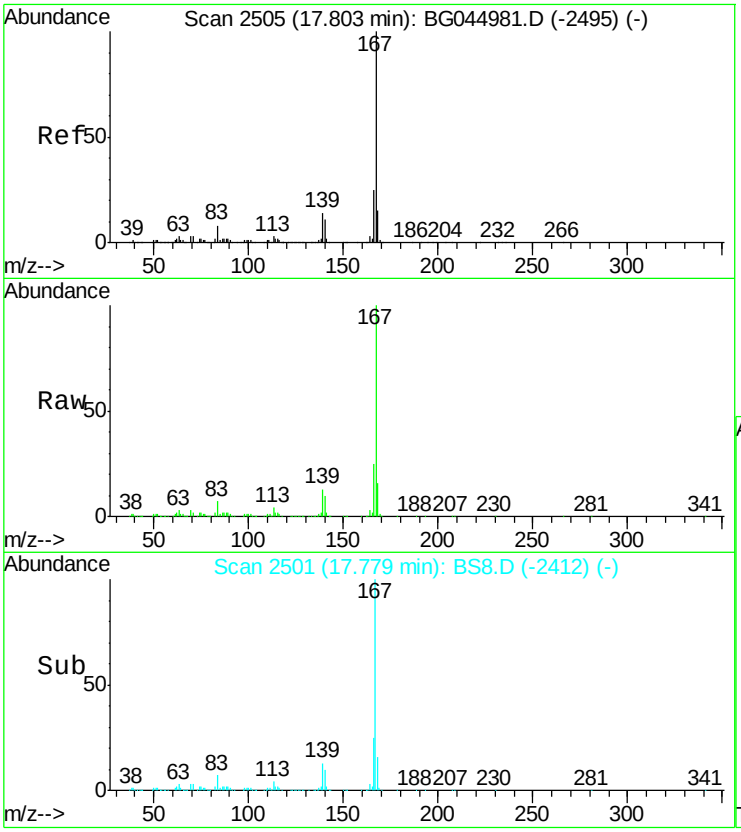




#72
Anthracene
Concen: 46.998 ng
RT: 17.51 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:178 Resp: 1253593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.9 | 16.0 | 24.0 |
| 179 | 17.4 | 13.6 | 20.4 |



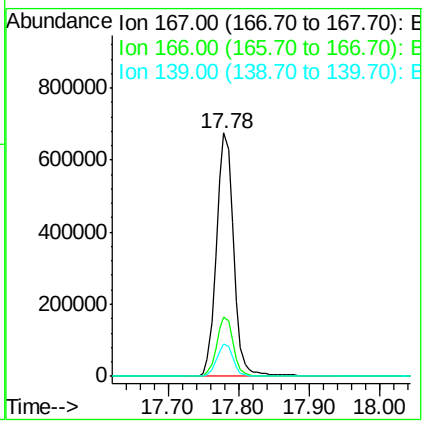


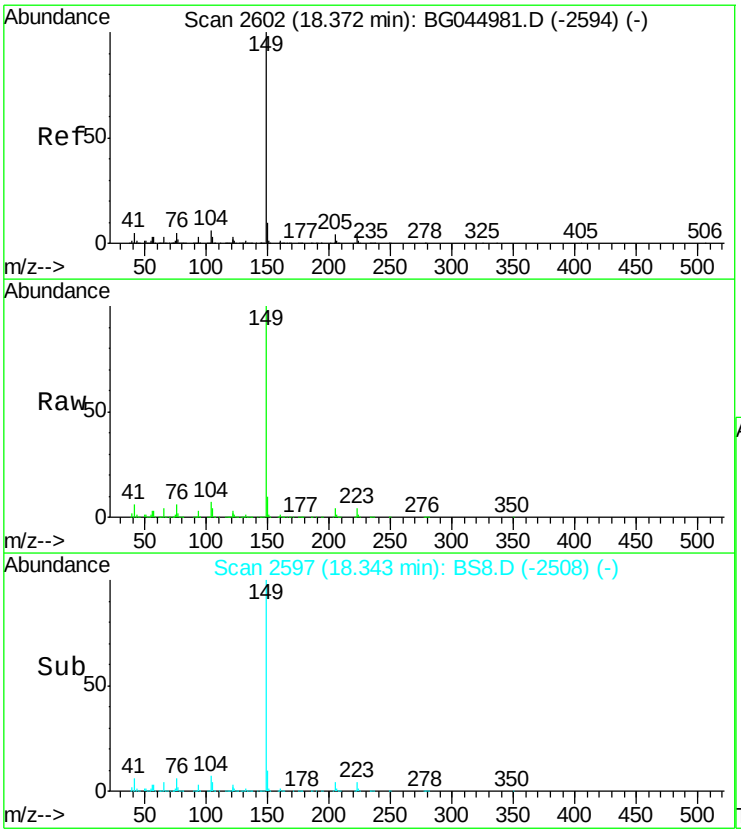

#73
Carbazole
Concen: 42.379 ng
RT: 17.78 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:167 Resp: 1147122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 24.6 | 19.8 | 29.6 |
| 139 | 13.4 | 10.9 | 16.3 |

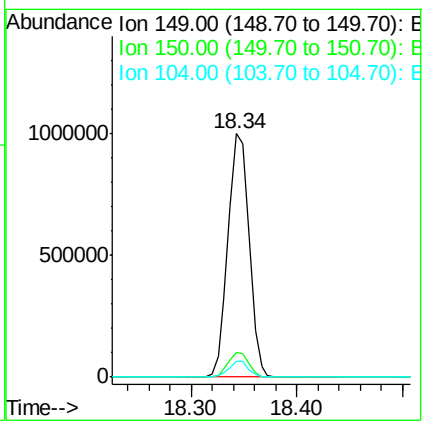


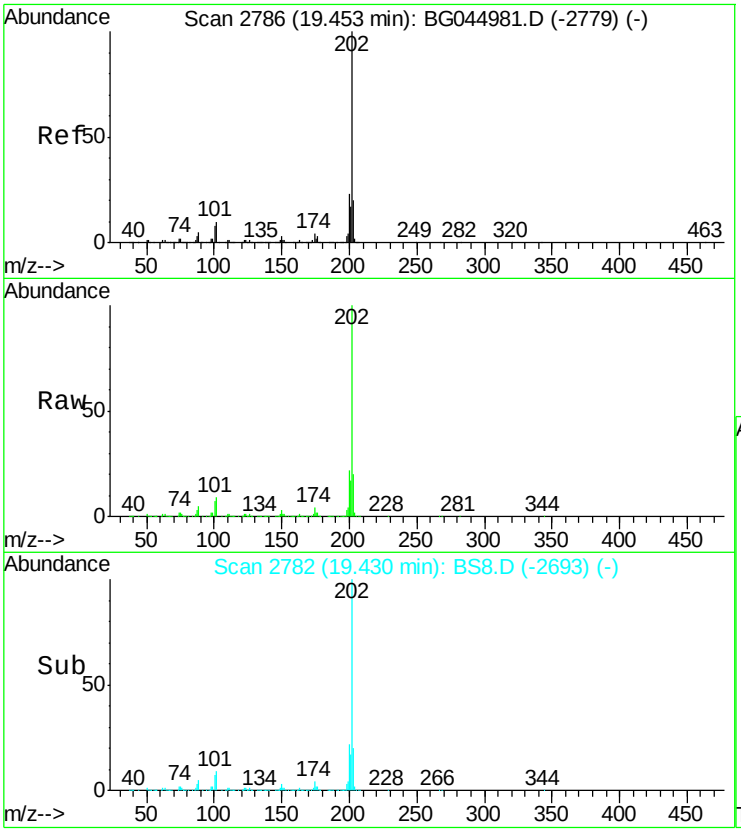




#74
Di-n-butylphthalate
Concen: 47.003 ng
RT: 18.34 min Scan# 2597
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:149 Resp: 1376974

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.4 | 8.2 | 12.2 |
| 104 | 6.7 | 4.8 | 7.2 |



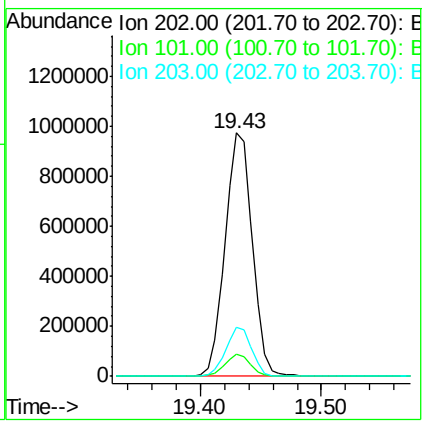


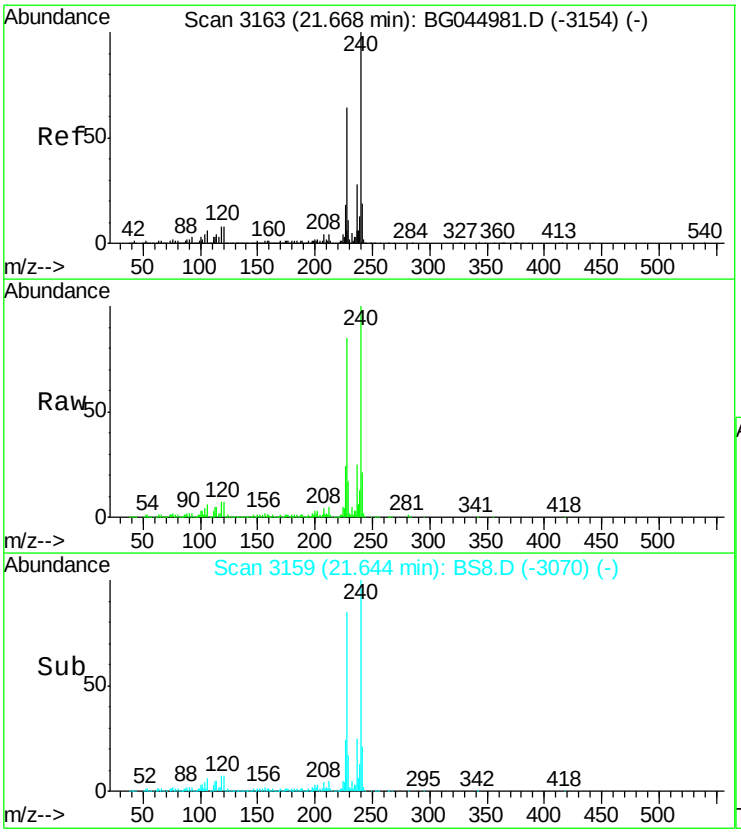

#75
Fluoranthene
Concen: 49.369 ng
RT: 19.43 min Scan# 2782
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:202 Resp: 1524251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.1 | 0.0 | 29.6 |
| 203 | 20.3 | 0.0 | 39.7 |

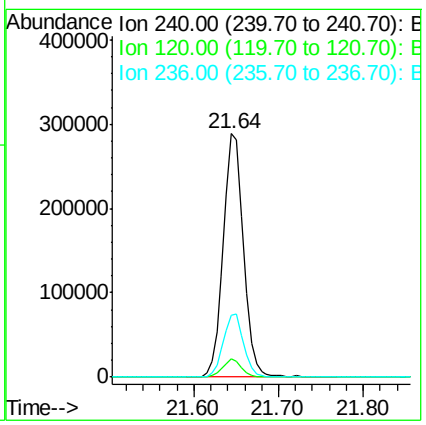


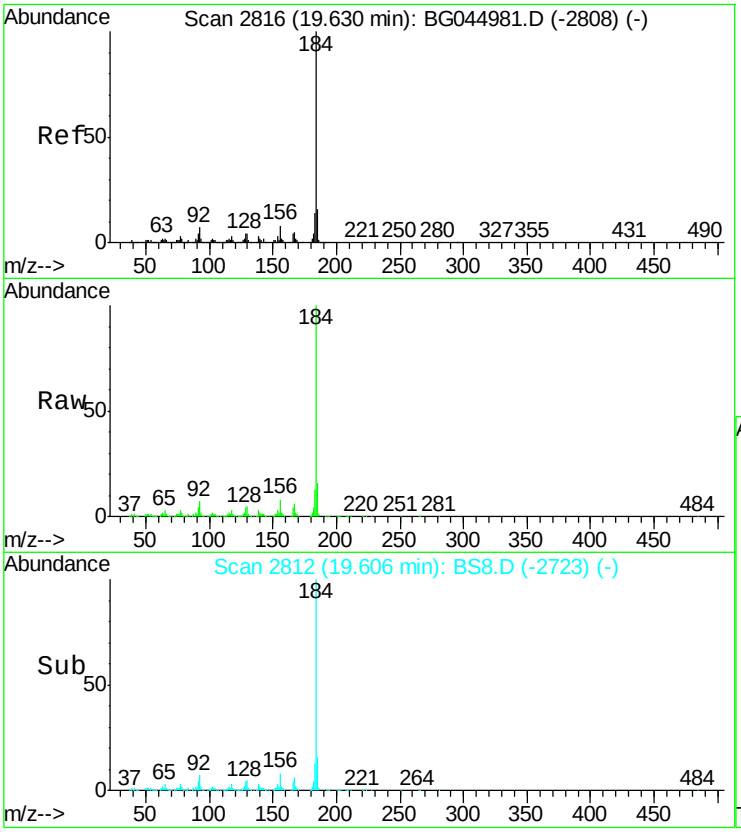




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:240 Resp: 477965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.5 | 6.6 | 10.0 |
| 236 | 25.3 | 22.2 | 33.2 |



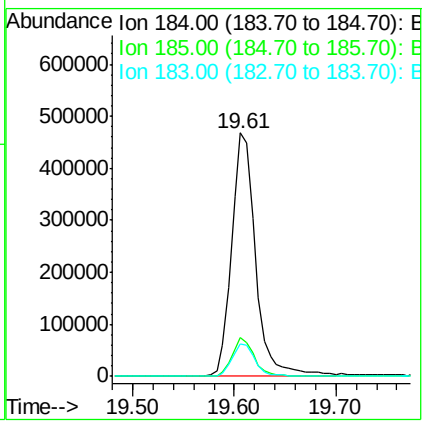


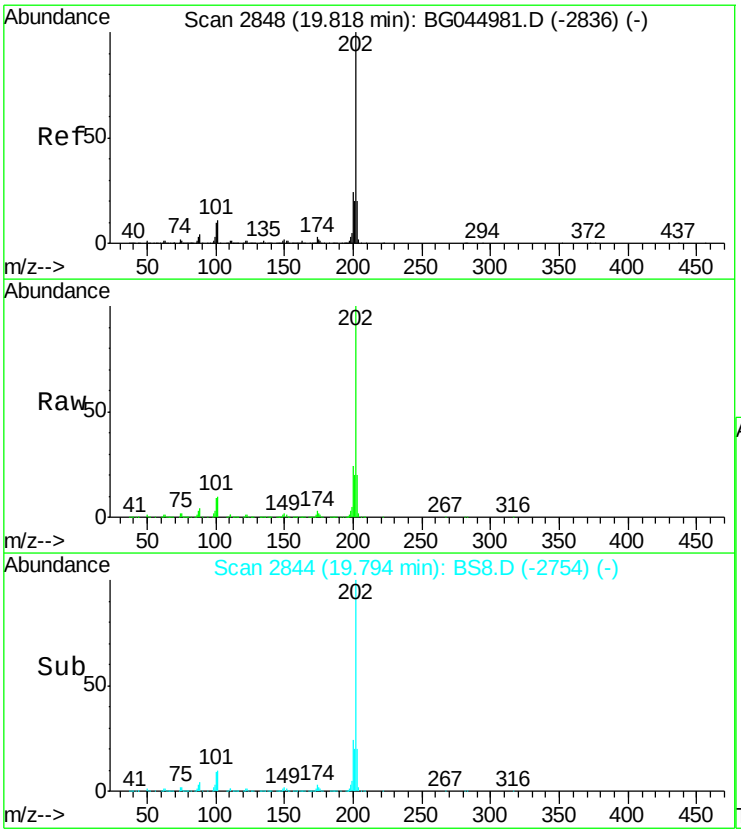

#77
Benzidine
Concen: 57.287 ng
RT: 19.61 min Scan# 2812
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:184 Resp: 770553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.0 | 12.6 | 19.0 |
| 183 | 13.3 | 11.3 | 16.9 |

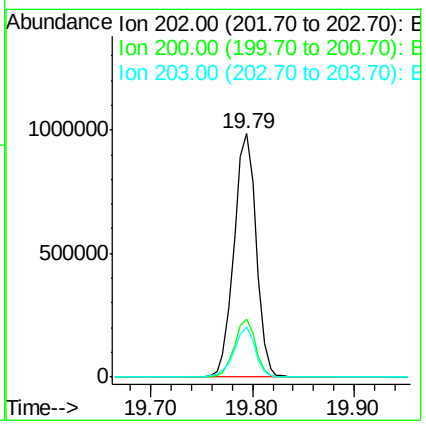


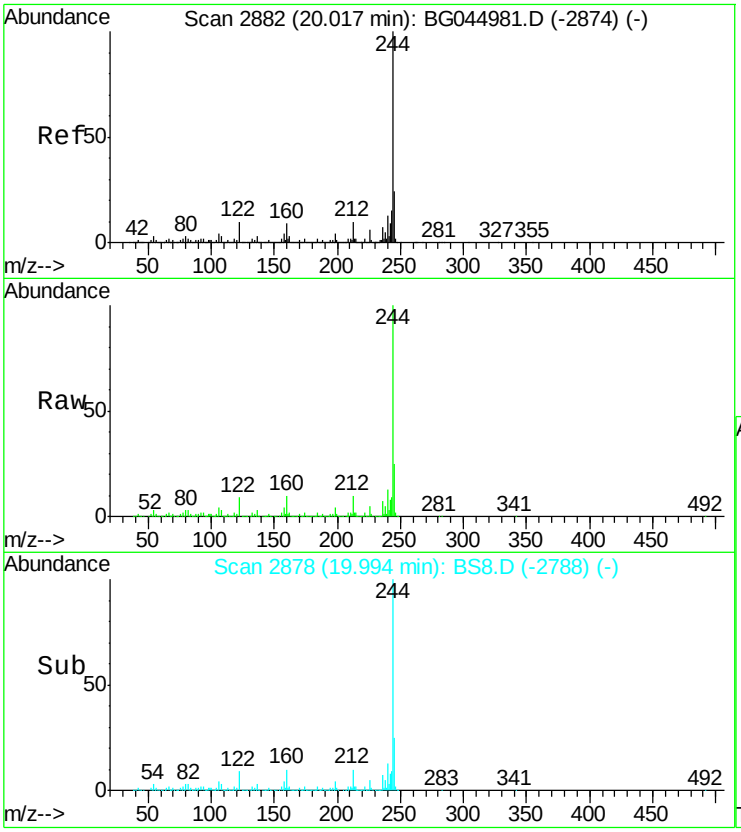




#78
Pyrene
Concen: 45.383 ng
RT: 19.79 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:202 Resp: 1495410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 24.0 | 19.0 | 28.6 |
| 203 | 20.4 | 16.1 | 24.1 |



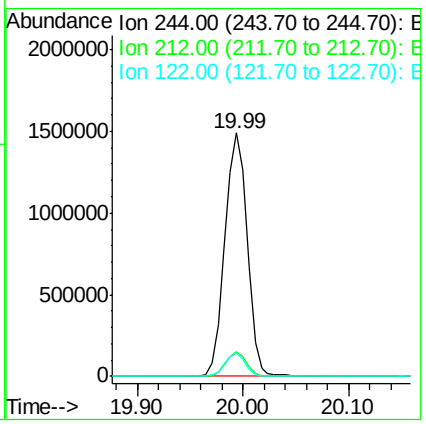


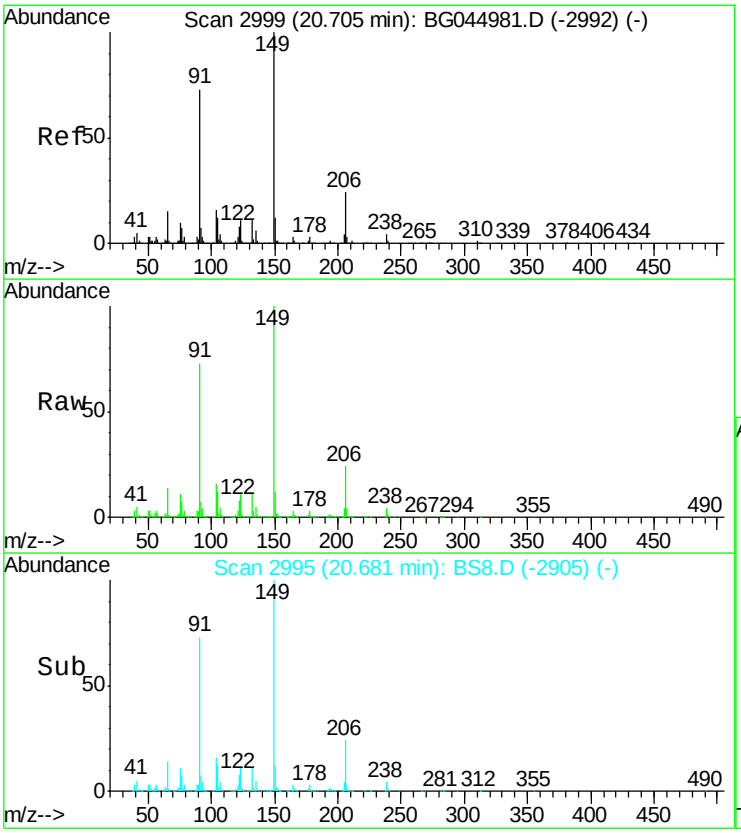

#79
Terphenyl-d14
Concen: 99.286 ng
RT: 19.99 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:244 Resp: 2177267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.1 | 7.9 | 11.9 |
| 122 | 9.4 | 7.7 | 11.5 |

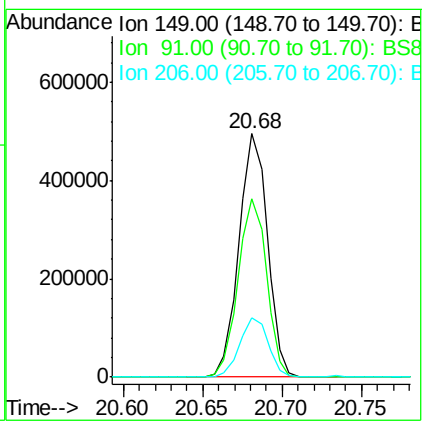


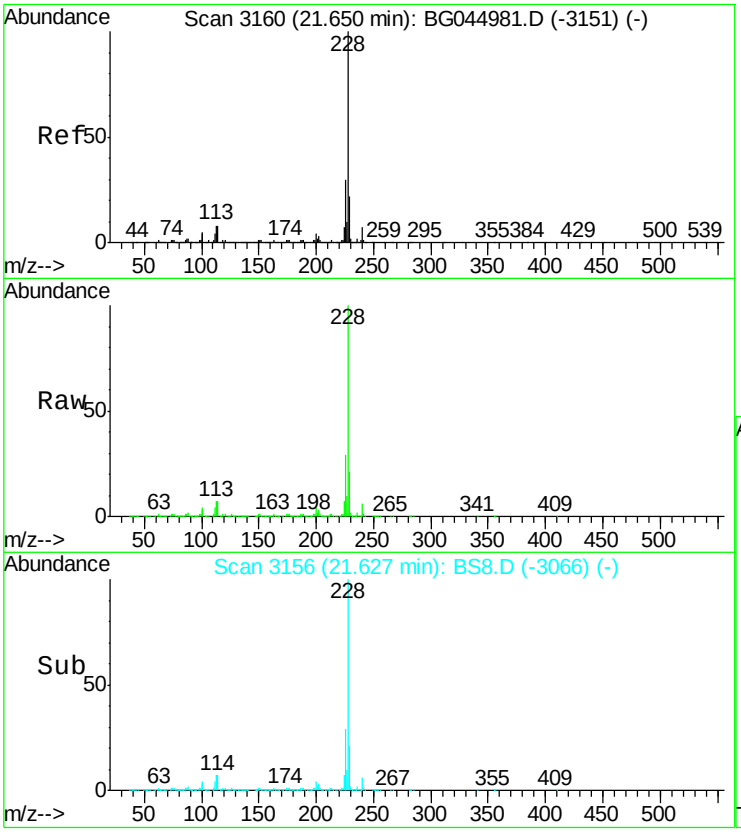




#80
Butylbenzylphthalate
Concen: 45.326 ng
RT: 20.68 min Scan# 2995
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:149 Resp: 619093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 73.0 | 58.5 | 87.7 |
| 206 | 24.2 | 19.2 | 28.8 |



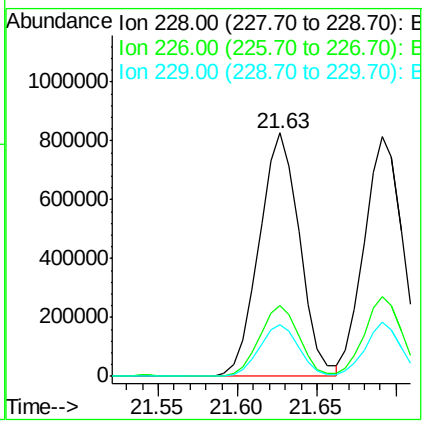


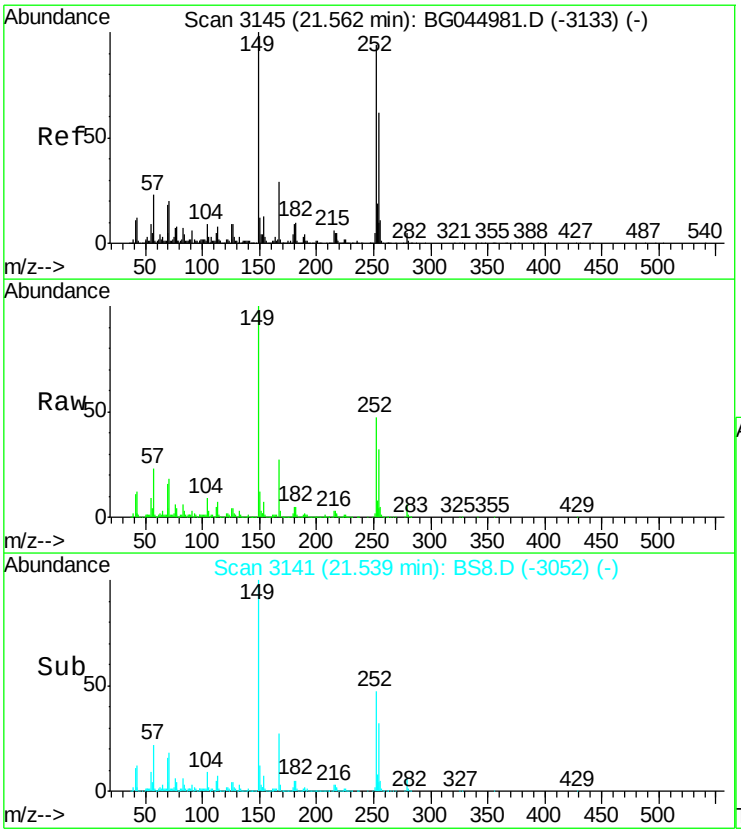

#81
Benzo(a)anthracene
Concen: 47.333 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:228 Resp: 1466317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.3 | 24.0 | 36.0 |
| 229 | 21.2 | 17.5 | 26.3 |

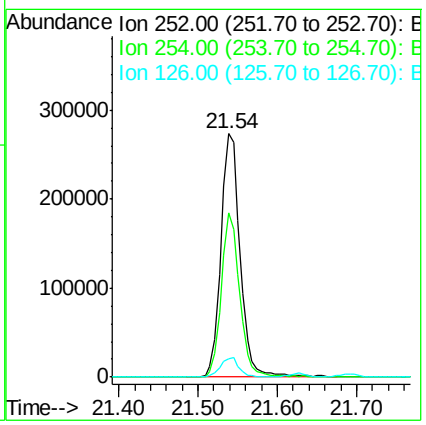


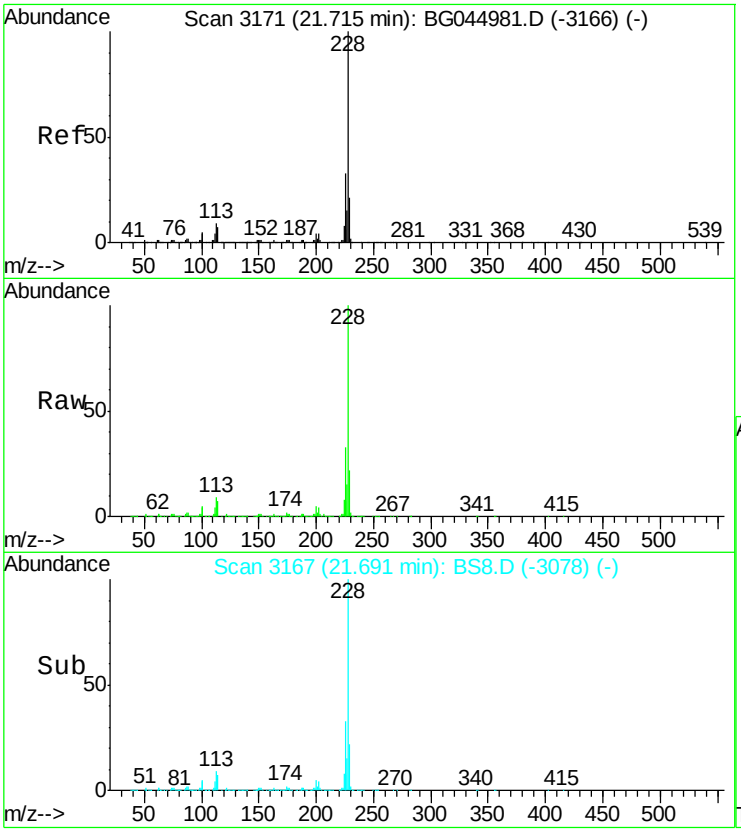




#82
3,3'-Dichlorobenzidine
Concen: 37.192 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:252 Resp: 458593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 67.2 | 52.6 | 79.0 |
| 126 | 7.6 | 7.5 | 11.3 |



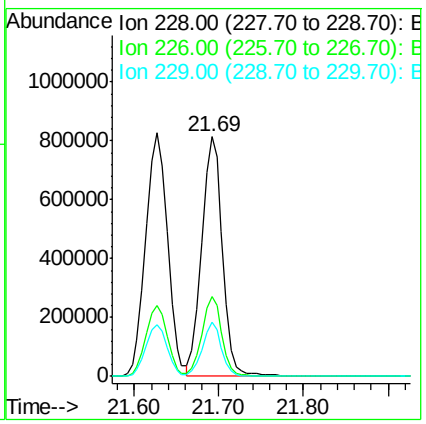


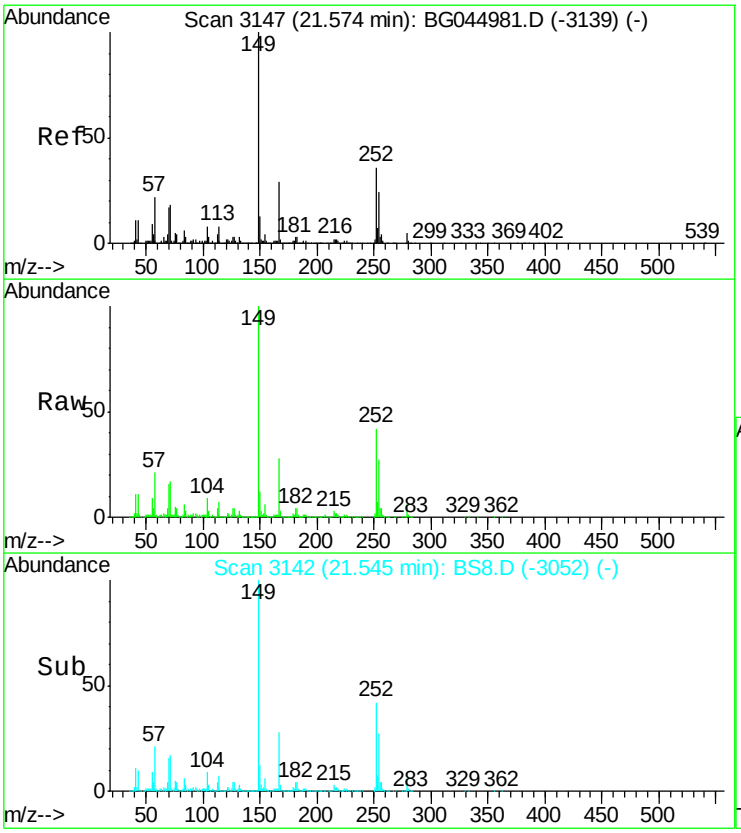

#83
Chrysene
Concen: 46.746 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:228 Resp: 1391386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.4 | 26.2 | 39.4 |
| 229 | 22.4 | 17.0 | 25.6 |

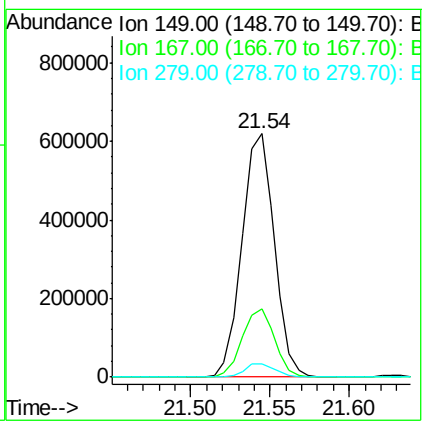


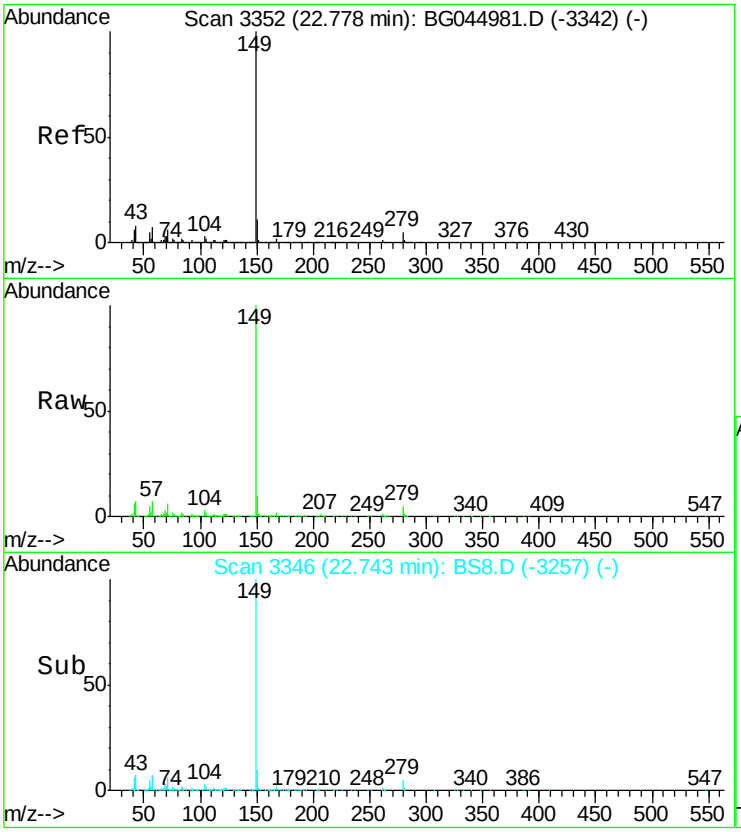




#84
Bis(2-ethylhexyl)phthalate
Concen: 46.719 ng
RT: 21.54 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:149 Resp: 877622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 23.4 | 35.0 |
| 279 | 5.5 | 4.3 | 6.5 |



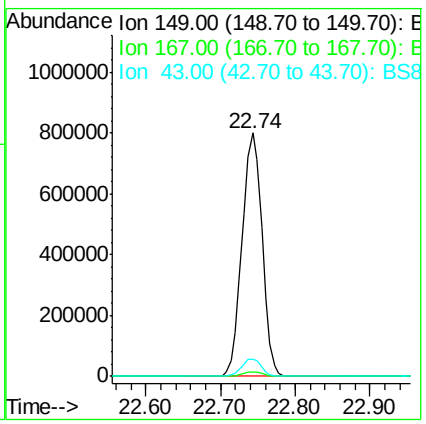


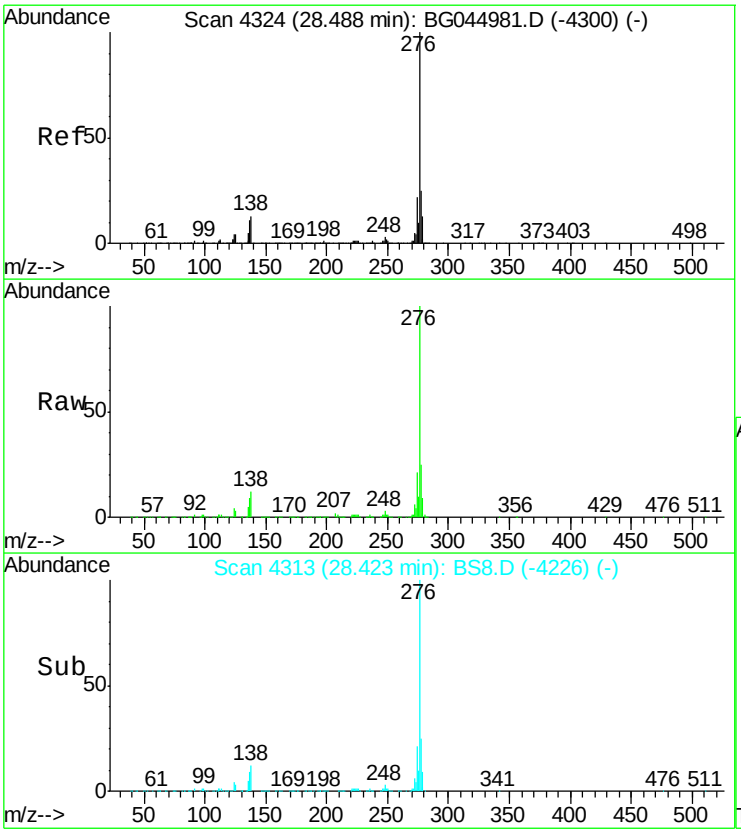

#85
Di-n-octyl phthalate
Concen: 45.791 ng
RT: 22.74 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:149 Resp: 1487507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.7 | 1.4 | 2.2 |
| 43 | 7.1 | 5.7 | 8.5 |

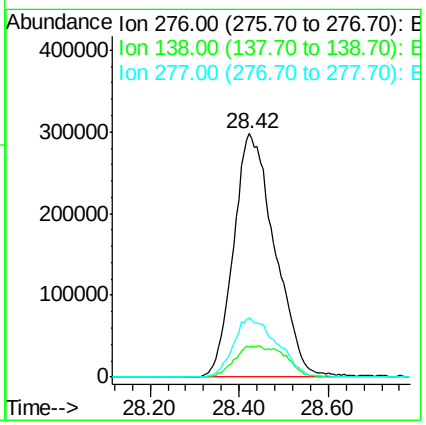


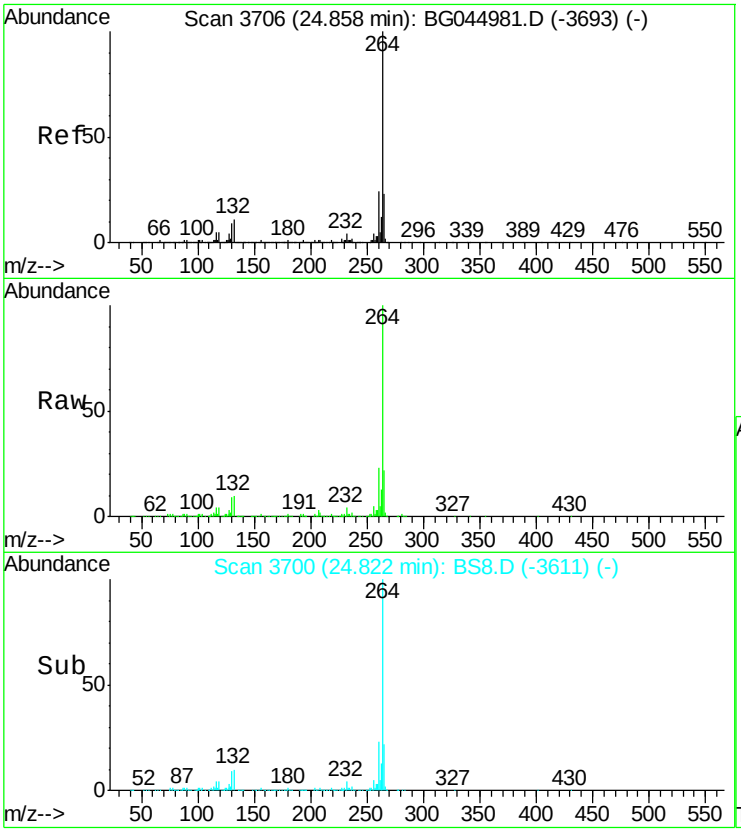




#86
Indeno(1,2,3-cd)pyrene
Concen: 48.172 ng
RT: 28.42 min Scan# 4313
Delta R.T. -0.02 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:276 Resp: 1903694

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 9.3 | 9.6 | 14.4# |
| 277 | 25.9 | 20.6 | 31.0 |



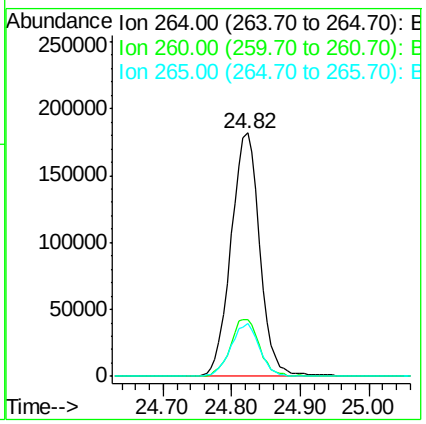


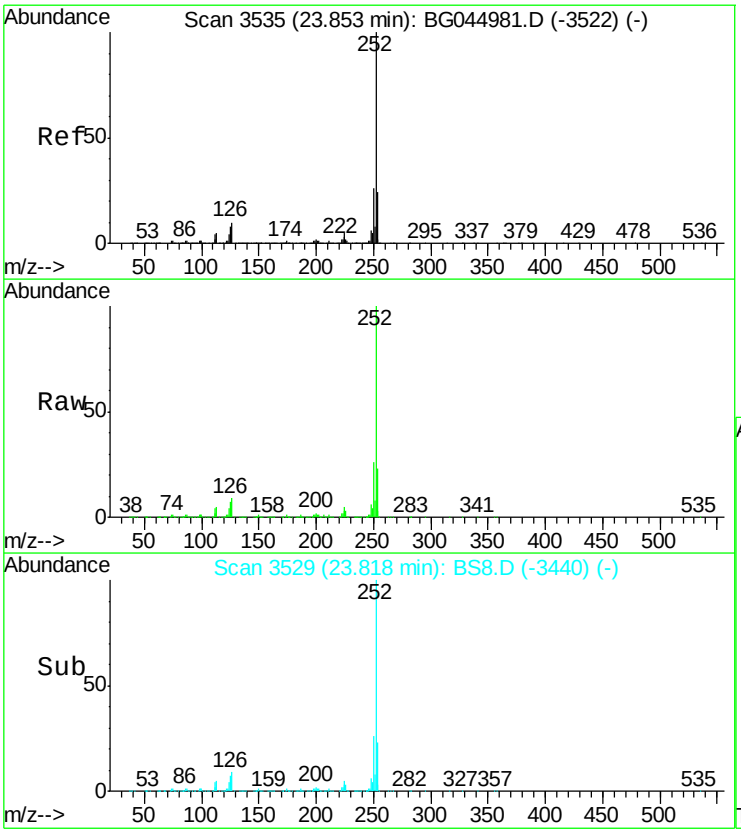

#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:264 Resp: 527607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 19.2 | 28.8 |
| 265 | 21.9 | 19.0 | 28.4 |

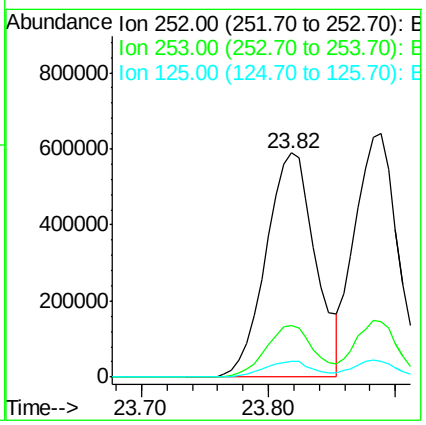


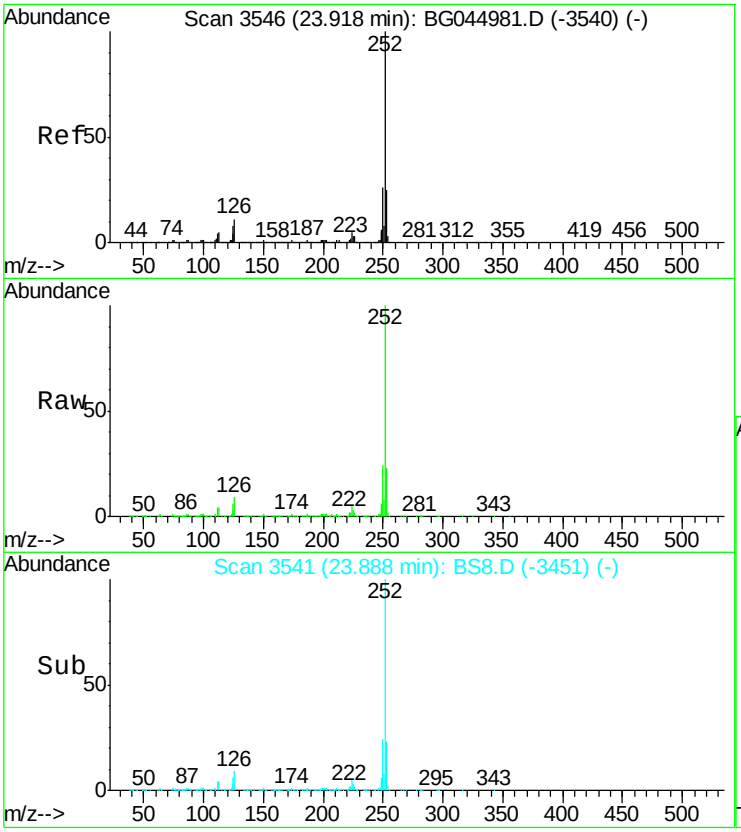




#88
Benzo(b)fluoranthene
Concen: 48.392 ng
RT: 23.82 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:252 Resp: 1599311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.8 | 28.2 |
| 125 | 6.9 | 6.2 | 9.4 |



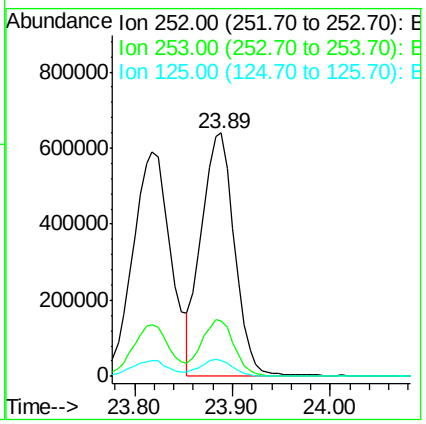


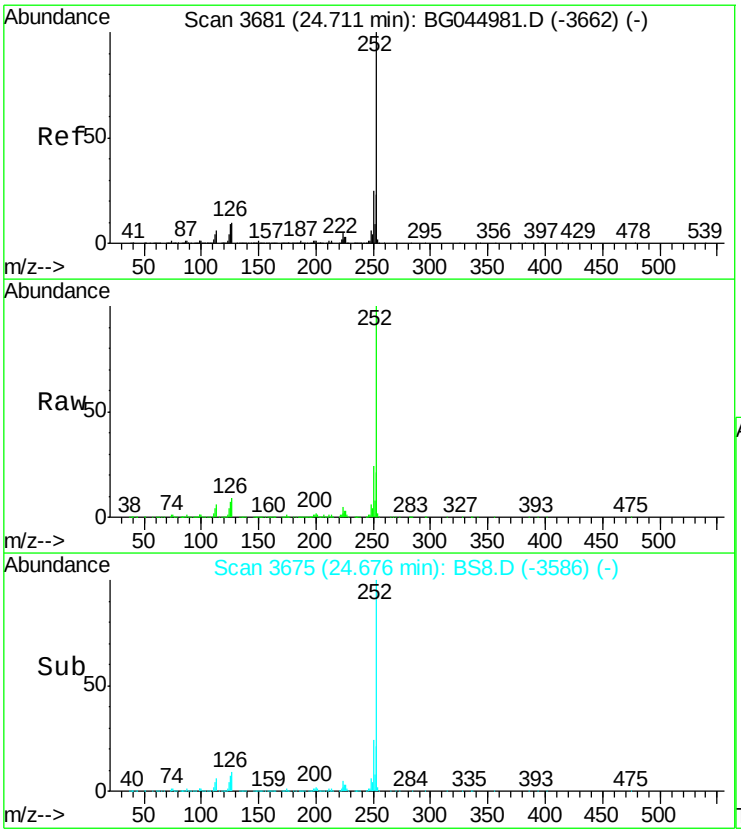

#89
Benzo(k)fluoranthene
Concen: 47.782 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:252 Resp: 1501769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 19.2 | 28.8 |
| 125 | 6.5 | 5.9 | 8.9 |

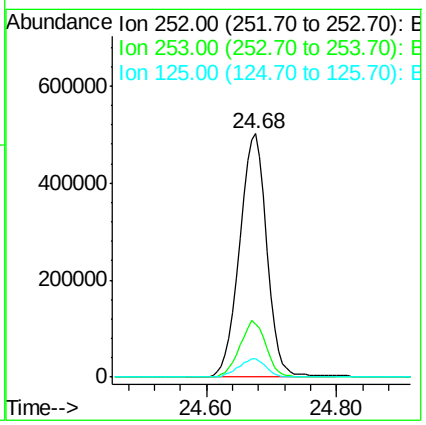


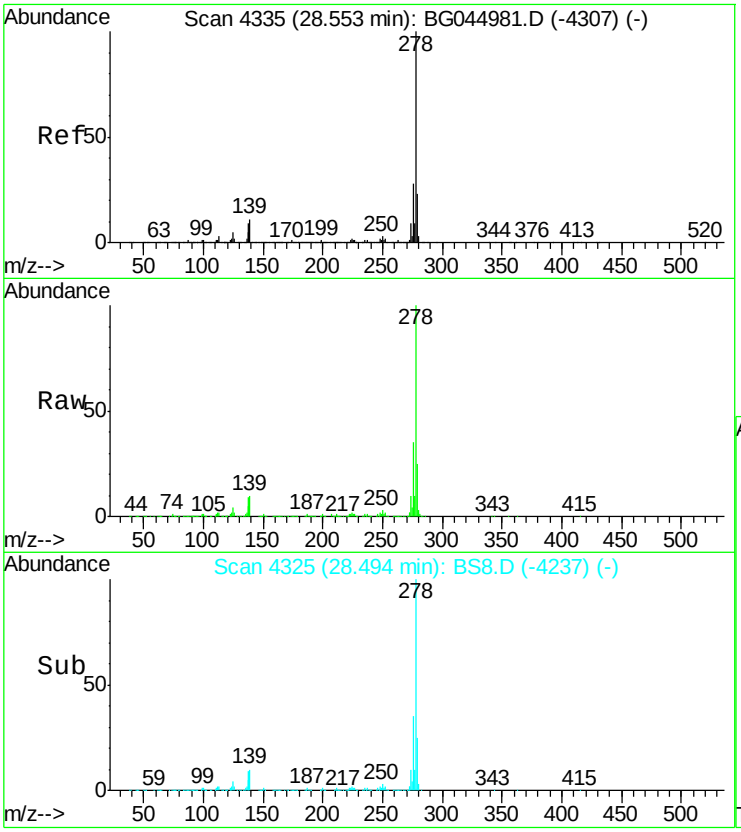




#90
Benzo(a)pyrene
Concen: 46.581 ng
RT: 24.68 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:252 Resp: 1453489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.5 | 18.3 | 27.5 |
| 125 | 7.3 | 7.0 | 10.6 |



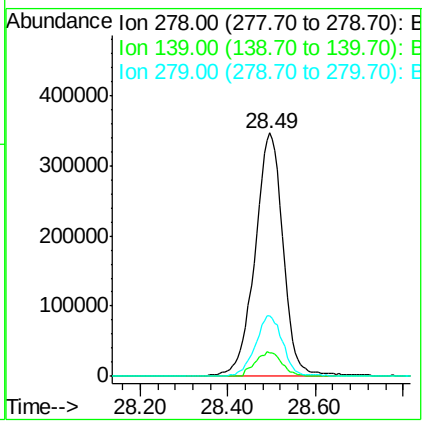


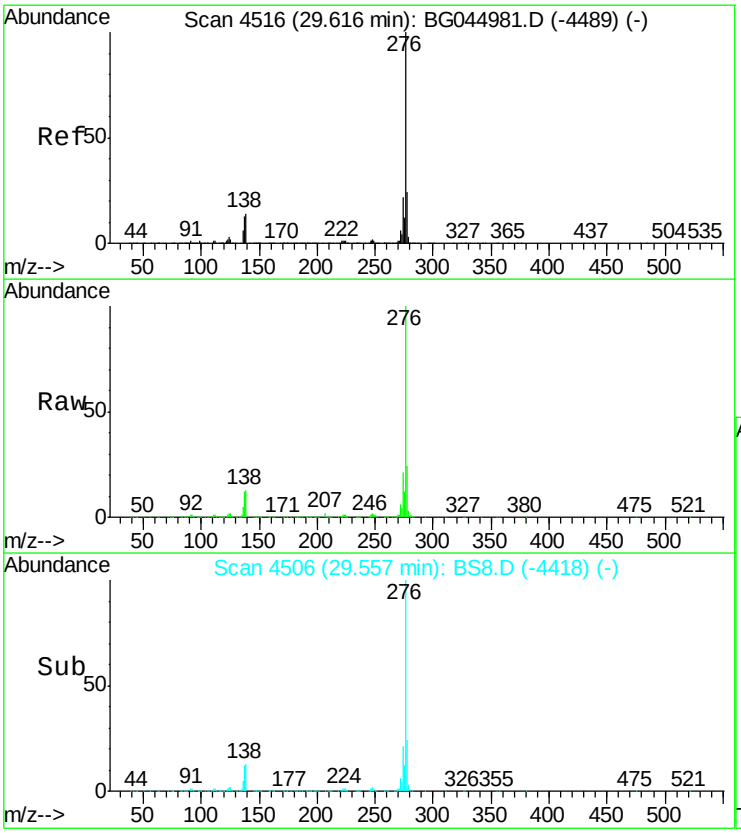

#91
Dibenzo(a,h)anthracene
Concen: 48.654 ng
RT: 28.49 min Scan# 4325
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

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

Tgt Ion:278 Resp: 1529771

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 9.8 | 9.0 | 13.6 |
| 279 | 24.6 | 18.4 | 27.6 |




#92
Benzo(g,h,i)perylene
Concen: 49.663 ng
RT: 29.56 min Scan# 4506
Delta R.T. -0.01 min
Lab File: BS8.D
Acq: 2 May 2020 4:59

Tgt Ion:276 Resp: 1565507

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.9 | 19.3 | 28.9 |
| 138 | 12.7 | 11.4 | 17.2 |