Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041132.D
Acq On : 8 Jun 2019 14:14
Operator : HP/JU
Sample : K3153-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** HR-05-060519-AMSD

Quant Time: Jun 09 23:19:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.10 | 152 | 41268 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.93 | 136 | 164139 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.74 | 164 | 123131 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.48 | 188 | 334544 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.76 | 240 | 347000 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 25.08 | 264 | 366855 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 301487 | 131.74 | ng | | 0.00 |
| 7) Phenol-d6 | 7.25 | 99 | 405817 | 114.82 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.28 | 82 | 324466 | 87.76 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.22 | 330 | 270446 | 147.95 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.36 | 172 | 760217 | 88.91 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.08 | 244 | 1500105 | 91.75 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.51 | 88 | 35767 | 34.441 | ng | # | 28 |
| 3) Pyridine | 3.93 | 79 | 92874 | 30.223 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.84 | 42 | 55095 | 38.631 | ng | | 88 |
| 6) Aniline | 7.43 | 93 | 54014 | 11.449 | ng | | 100 |
| 8) 2-Chlorophenol | 7.66 | 128 | 111044 | 40.699 | ng | | 97 |
| 9) Benzaldehyde | 7.24 | 77 | 37386 | 17.732 | ng | | 94 |
| 10) Phenol | 7.28 | 94 | 132219 | 34.889 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.52 | 93 | 105340 | 38.316 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.99 | 146 | 123456 | 37.885 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 8.14 | 146 | 123754 | 37.518 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.46 | 146 | 119304 | 37.251 | ng | | 96 |
| 15) Benzyl Alcohol | 8.34 | 79 | 128981 | 39.449 | ng | | 95 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63 | 45 | 161348 | 35.916 | ng | | 98 |
| 17) 2-Methylphenol | 8.54 | 107 | 106025 | 38.640 | ng | | 97 |
| 18) Hexachloroethane | 9.19 | 117 | 48429 | 38.094 | ng | | 95 |
| 19) n-Nitroso-di-n-propylamine | 8.91 | 70 | 101286 | 37.238 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.87 | 107 | 145915 | 38.390 | ng | | 98 |
| 22) Acetophenone | 8.94 | 105 | 195564 | 42.473 | ng | # | 96 |
| 24) Nitrobenzene | 9.32 | 77 | 155966 | 41.393 | ng | | 97 |
| 25) Isophorone | 9.84 | 82 | 288490 | 41.000 | ng | | 99 |
| 26) 2-Nitrophenol | 10.04 | 139 | 66176 | 42.603 | ng | # | 81 |
| 27) 2,4-Dimethylphenol | 10.08 | 122 | 117267 | 45.711 | ng | | 95 |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93 | 150307 | 39.579 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 10.56 | 162 | 135714 | 41.659 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.78 | 180 | 147294 | 39.745 | ng | | 98 |
| 31) Naphthalene | 10.98 | 128 | 359380 | 40.779 | ng | | 99 |
| 32) Benzoic acid | 10.19 | 122 | 32922 | 21.839 | ng | | 95 |
| 33) 4-Chloroaniline | 11.09 | 127 | 13274 | 3.246 | ng | | 94 |
| 34) Hexachlorobutadiene | 11.24 | 225 | 105956 | 37.366 | ng | | 96 |
| 35) Caprolactam | 11.87 | 113 | 36535m | 33.961 | ng | | |
| 36) 4-Chloro-3-methylphenol | 12.19 | 107 | 158295 | 42.546 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.57 | 142 | 277363 | 40.864 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.79 | 142 | 265288m | 41.477 | ng | | |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216 | 207566 | 41.824 | ng | | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041132.D
Acq On : 8 Jun 2019 14:14
Operator : HP/JU
Sample : K3153-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** HR-05-060519-AMSD

Quant Time: Jun 09 23:19:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.90 | 237 | 230205 | 85.644 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 13.17 | 196 | 136856 | 42.627 | ng | | 97 |
| 44) 2,4,5-Trichlorophenol | 13.25 | 196 | 150460 | 44.437 | ng | | 98 |
| 46) 1,1'-Biphenyl | 13.57 | 154 | 386956 | 42.455 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.62 | 162 | 316472 | 40.446 | ng | | 98 |
| 48) 2-Nitroaniline | 13.83 | 65 | 121023 | 43.114 | ng | | 97 |
| 49) Acenaphthylene | 14.47 | 152 | 503659 | 42.768 | ng | | 100 |
| 50) Dimethylphthalate | 14.18 | 163 | 433364 | 41.577 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.32 | 165 | 100305 | 44.633 | ng | | 92 |
| 52) Acenaphthene | 14.80 | 154 | 299703 | 42.010 | ng | | 98 |
| 53) 3-Nitroaniline | 14.65 | 138 | 28487 | 12.677 | ng | # | 88 |
| 54) 2,4-Dinitrophenol | 14.85 | 184 | 69783 | 65.159 | ng | | 97 |
| 55) Dibenzofuran | 15.14 | 168 | 523475 | 43.608 | ng | | 98 |
| 56) 4-Nitrophenol | 14.94 | 139 | 132763 | 86.132 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 15.10 | 165 | 146680 | 46.206 | ng | | 97 |
| 58) Fluorene | 15.78 | 166 | 420075 | 43.941 | ng | | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.35 | 232 | 155249 | 46.656 | ng | | 99 |
| 60) Diethylphthalate | 15.54 | 149 | 459154 | 43.165 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.76 | 204 | 264544 | 42.574 | ng | | 96 |
| 62) 4-Nitroaniline | 15.81 | 138 | 99184 | 41.690 | ng | | 93 |
| 63) Azobenzene | 16.06 | 77 | 420042 | 43.447 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198 | 63173 | 37.523 | ng | | 98 |
| 66) n-Nitrosodiphenylamine | 15.99 | 169 | 391843 | 41.666 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.66 | 248 | 174637 | 38.681 | ng | | 98 |
| 68) Hexachlorobenzene | 16.77 | 284 | 184582 | 38.394 | ng | | 99 |
| 69) Atrazine | 16.92 | 200 | 172773 | 47.612 | ng | | 95 |
| 70) Pentachlorophenol | 17.12 | 266 | 171294 | 67.229 | ng | | 98 |
| 71) Phenanthrene | 17.52 | 178 | 754312 | 43.287 | ng | | 100 |
| 72) Anthracene | 17.62 | 178 | 773189 | 44.988 | ng | | 98 |
| 73) Carbazole | 17.89 | 167 | 686666 | 46.564 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.41 | 149 | 801491 | 43.729 | ng | | 98 |
| 75) Fluoranthene | 19.52 | 202 | 1005975 | 46.738 | ng | | 100 |
| 77) Benzidine | 19.71 | 184 | 64918 | 7.842 | ng | | 98 |
| 78) Pyrene | 19.89 | 202 | 997723 | 44.231 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.75 | 149 | 384237 | 43.771 | ng | | 98 |
| 81) Benzo(a)anthracene | 21.74 | 228 | 979860 | 42.421 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.65 | 252 | 117914 | 14.514 | ng | | 100 |
| 83) Chrysene | 21.80 | 228 | 966567 | 43.728 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.60 | 149 | 525924 | 42.559 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.84 | 149 | 890394 | 43.264 | ng | | 99 |
| 86) Indeno(1,2,3-cd)pyrene | 28.91 | 276 | 1172190 | 43.291 | ng | # | 96 |
| 88) Benzo(b)fluoranthene | 24.01 | 252 | 1006491 | 45.233 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 24.09 | 252 | 959595 | 43.581 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.92 | 252 | 964391 | 45.428 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 28.97 | 278 | 960854 | 45.297 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 30.11 | 276 | 964118 | 46.783 | ng | | 98 |

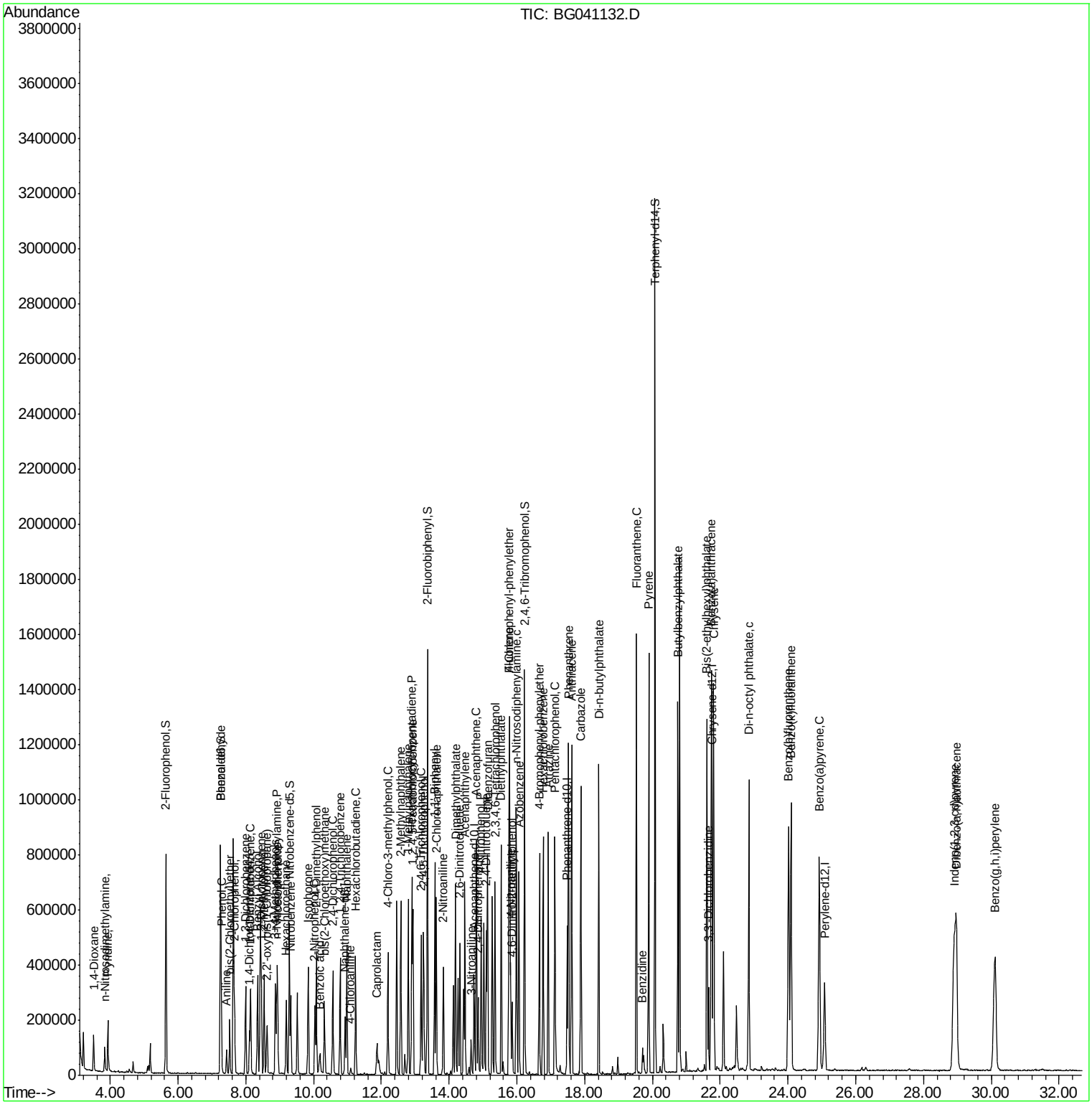
(#) = qualifier out of range (m) = manual integration (+) = signals summed

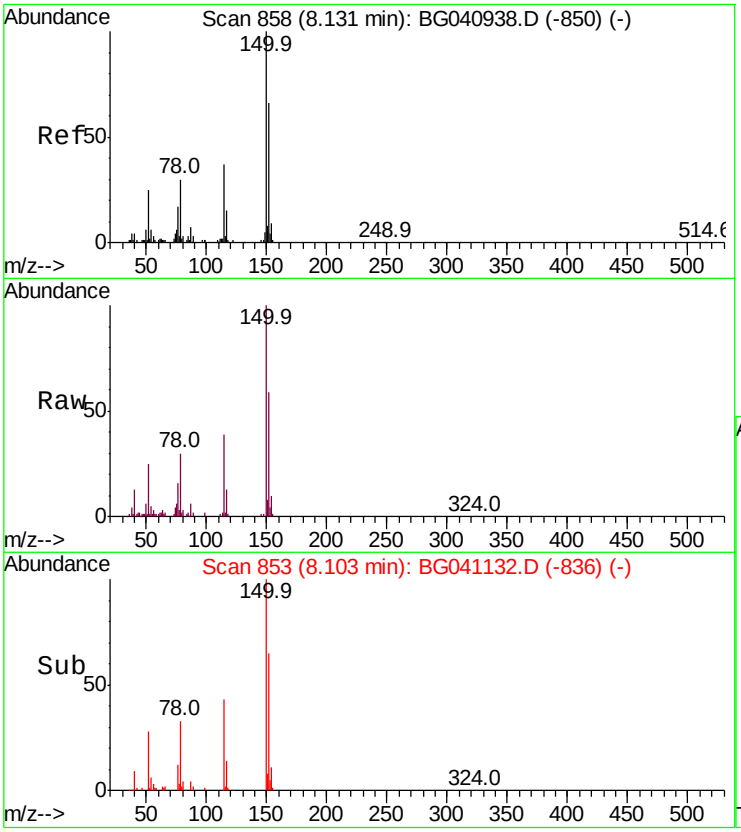
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041132.D
Acq On : 8 Jun 2019 14:14
Operator : HP/JU
Sample : K3153-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Quant Time: Jun 09 23:19:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration



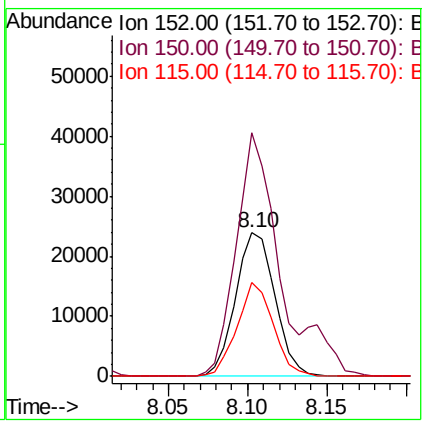


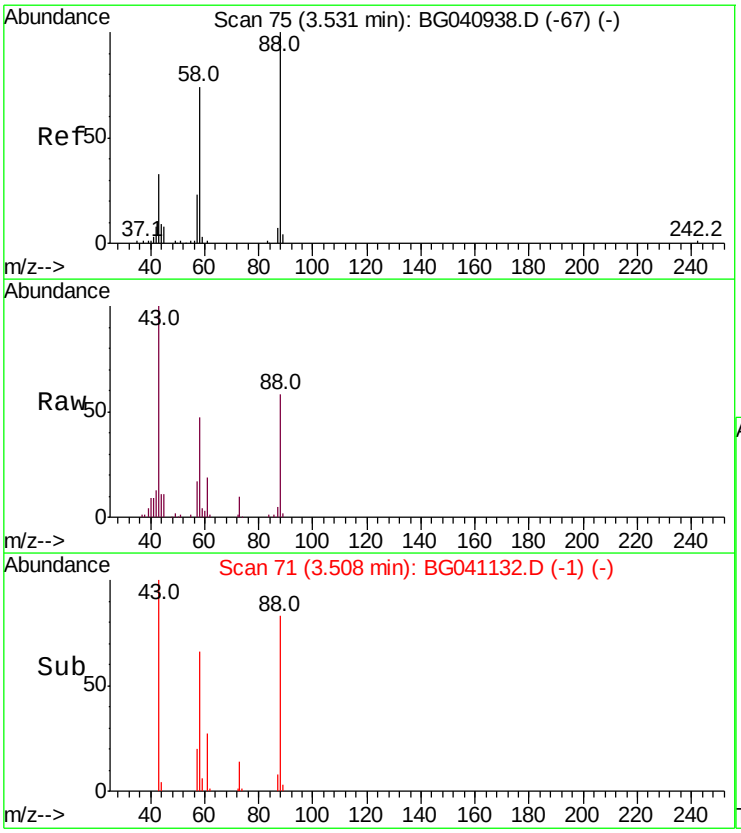

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:152 Resp: 41268

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 169.9 | 120.6 | 180.8 |
| 115 | 65.8 | 45.1 | 67.7 |

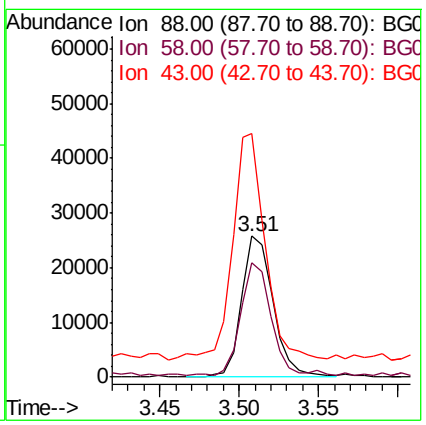


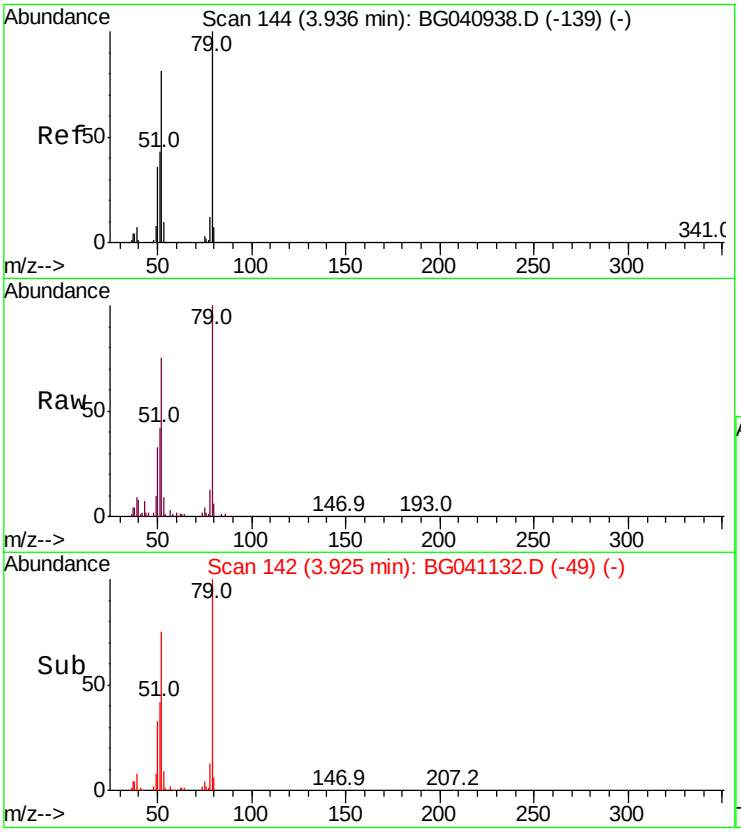




#2
1,4-Dioxane
Concen: 34.441 ng
RT: 3.51 min Scan# 71
Delta R.T. 0.01 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion: 88 Resp: 35767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 75.5 | 59.0 | 88.6 |
| 43 | 162.6 | 27.2 | 40.8# |



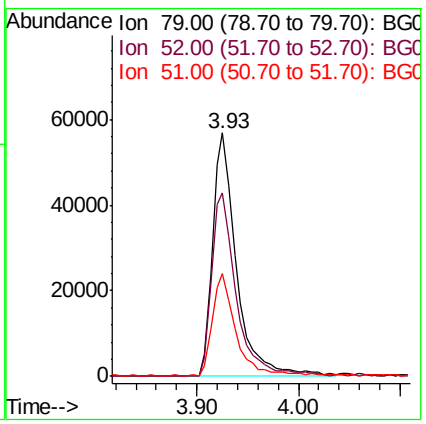


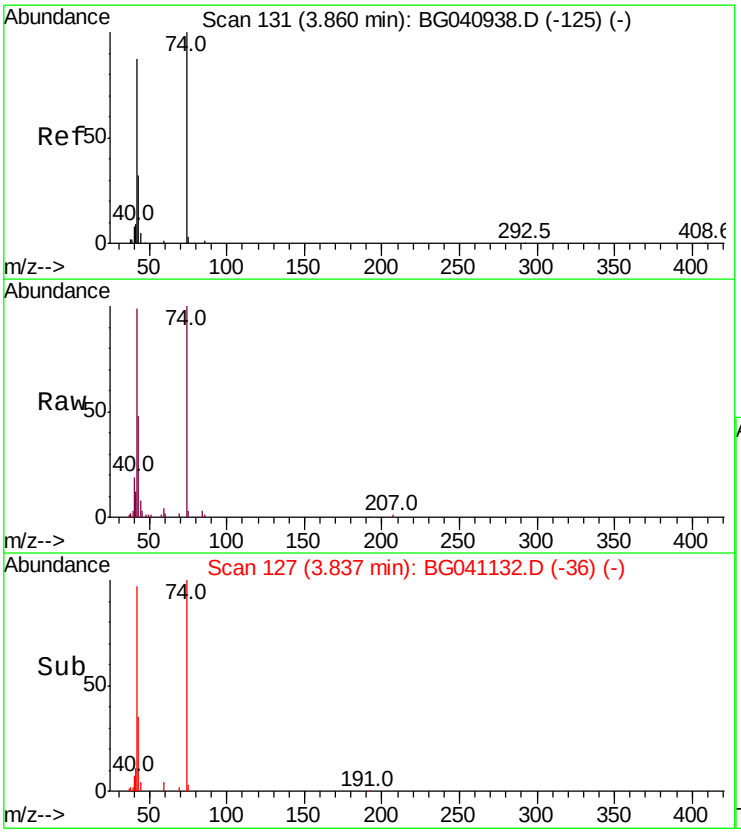

#3
Pyridine
Concen: 30.223 ng
RT: 3.93 min Scan# 142
Delta R.T. 0.02 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion: 79 Resp: 92874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 75.2 | 64.8 | 97.2 |
| 51 | 42.3 | 35.3 | 52.9 |

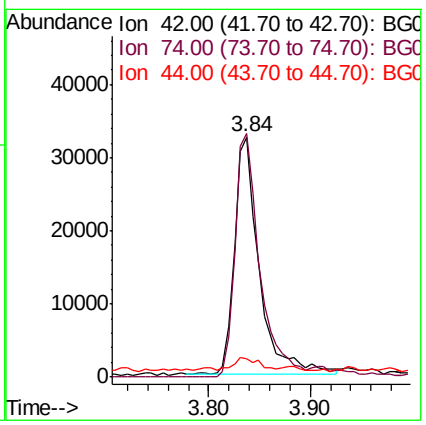


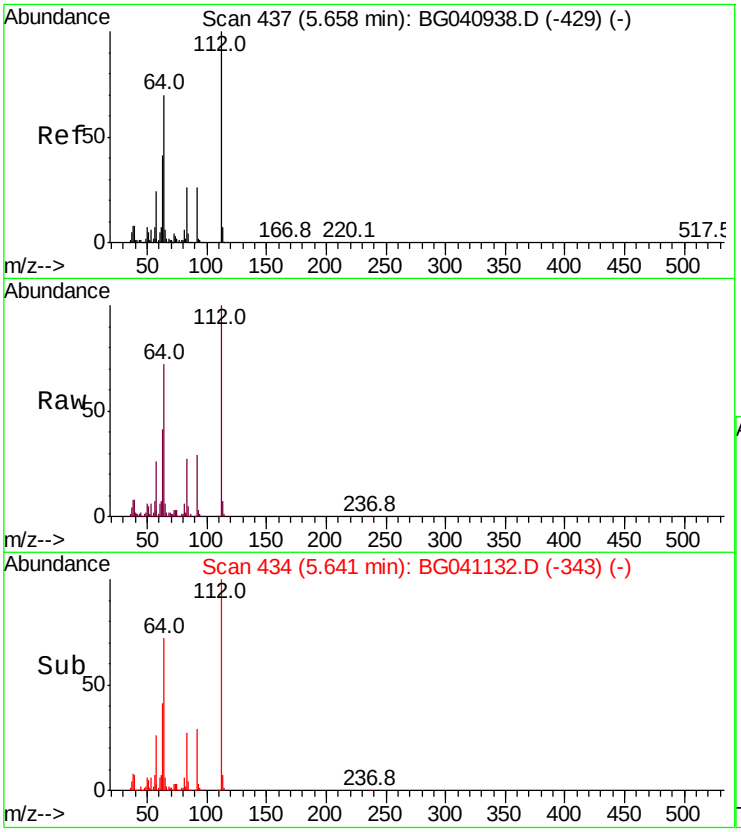




#4
n-Nitrosodimethylamine
Concen: 38.631 ng
RT: 3.84 min Scan# 127
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion: 42 Resp: 55095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 101.3 | 91.8 | 137.6 |
| 44 | 7.7 | 6.0 | 9.0 |



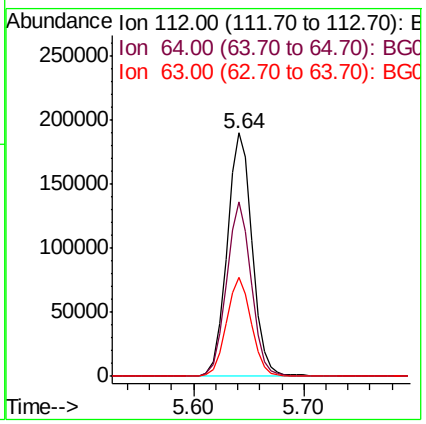


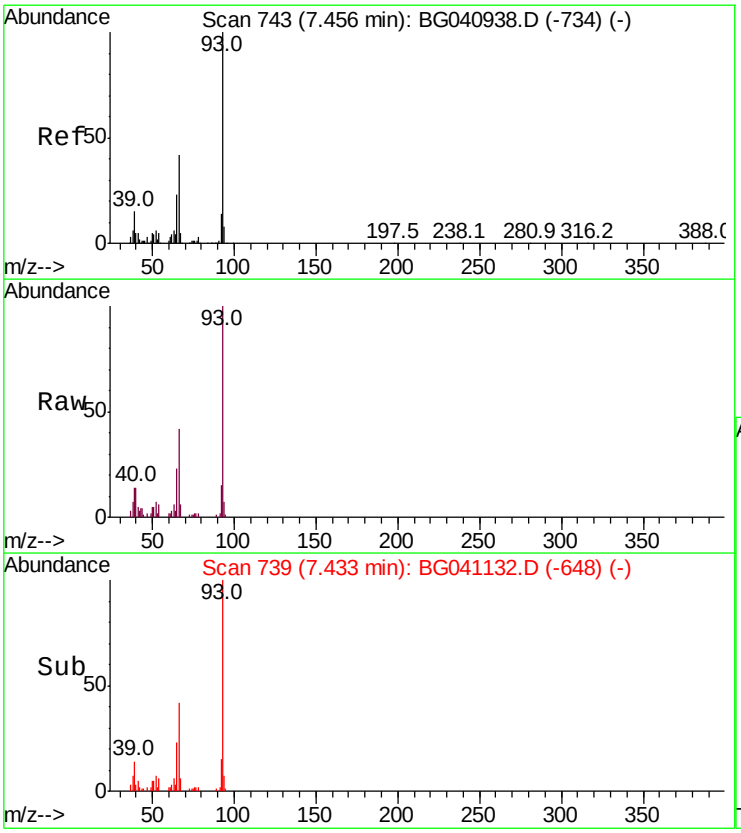

#5
2-Fluorophenol
Concen: 131.735 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:112 Resp: 301487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.5 | 56.2 | 84.2 |
| 63 | 40.8 | 32.8 | 49.2 |

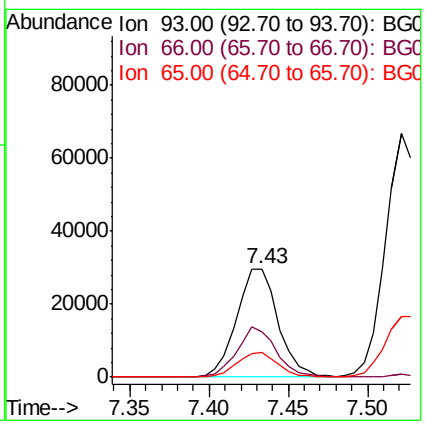


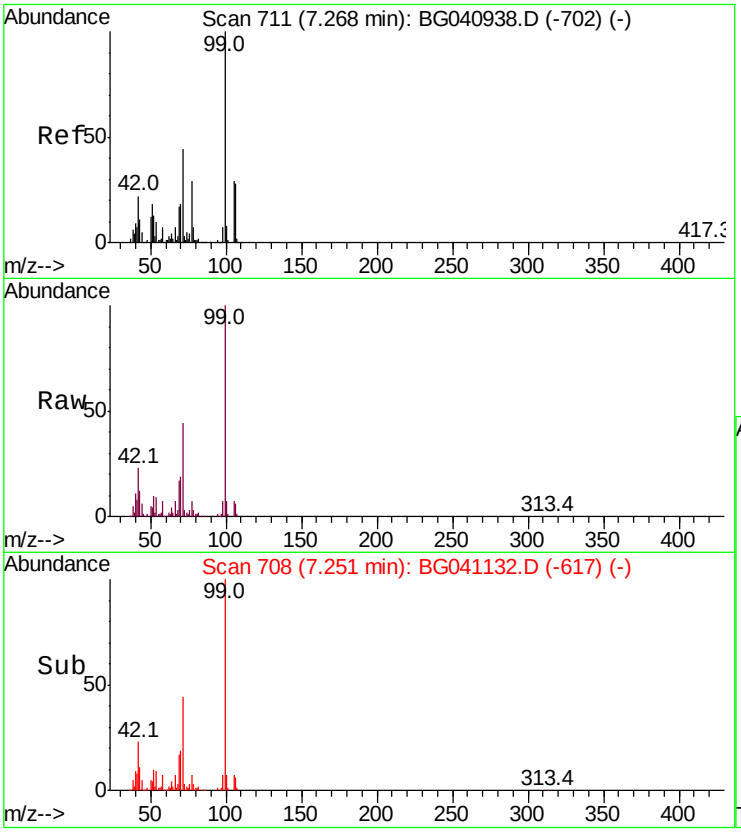




#6
Aniline
Concen: 11.449 ng
RT: 7.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion: 93 Resp: 54014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 42.1 | 33.8 | 50.8 |
| 65 | 23.1 | 18.3 | 27.5 |



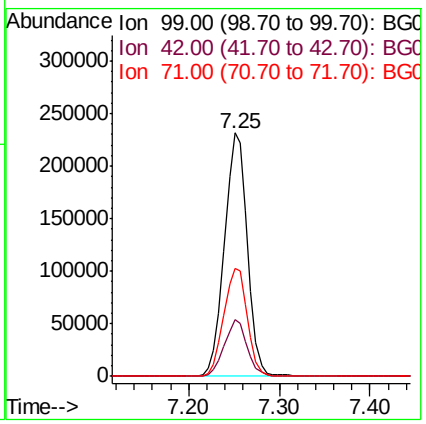


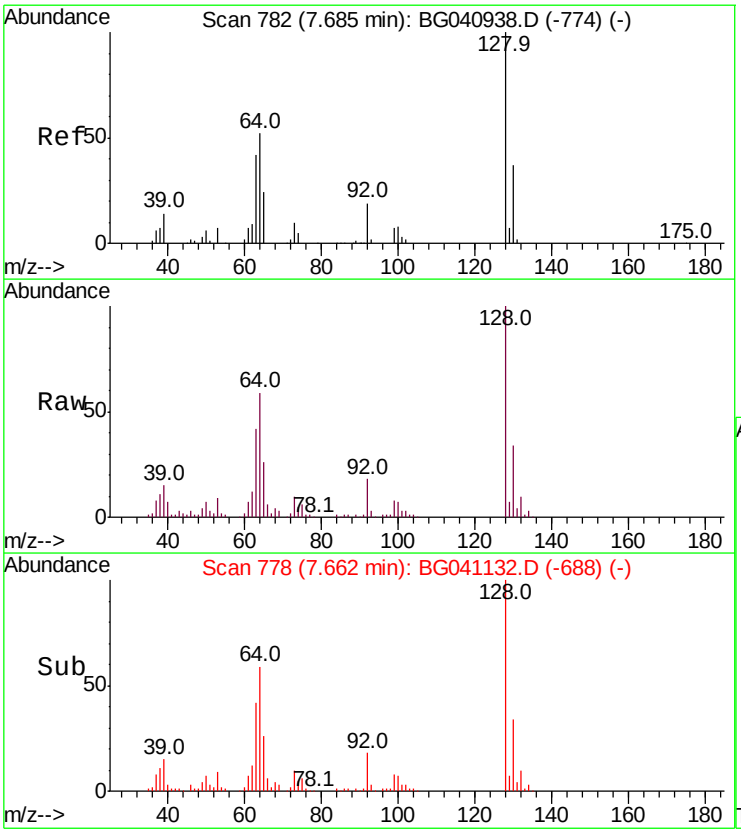

#7
Phenol-d6
Concen: 114.817 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion: 99 Resp: 405817

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.4 | 17.9 | 26.9 |
| 71 | 44.2 | 35.4 | 53.0 |

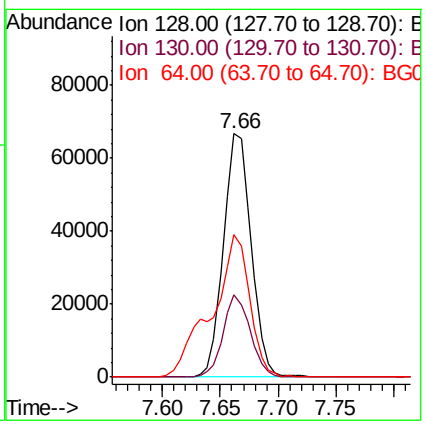


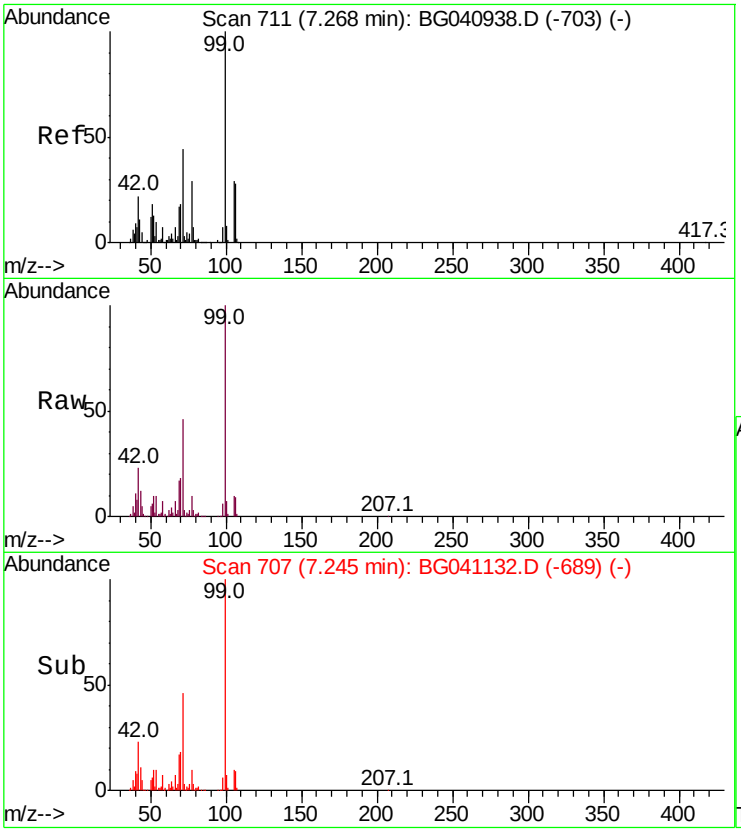




#8
2-Chlorophenol
Concen: 40.699 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:128 Resp: 111044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 33.6 | 16.6 | 56.6 |
| 64 | 58.7 | 37.8 | 77.8 |



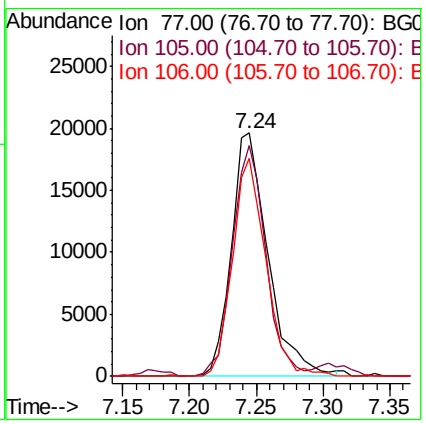


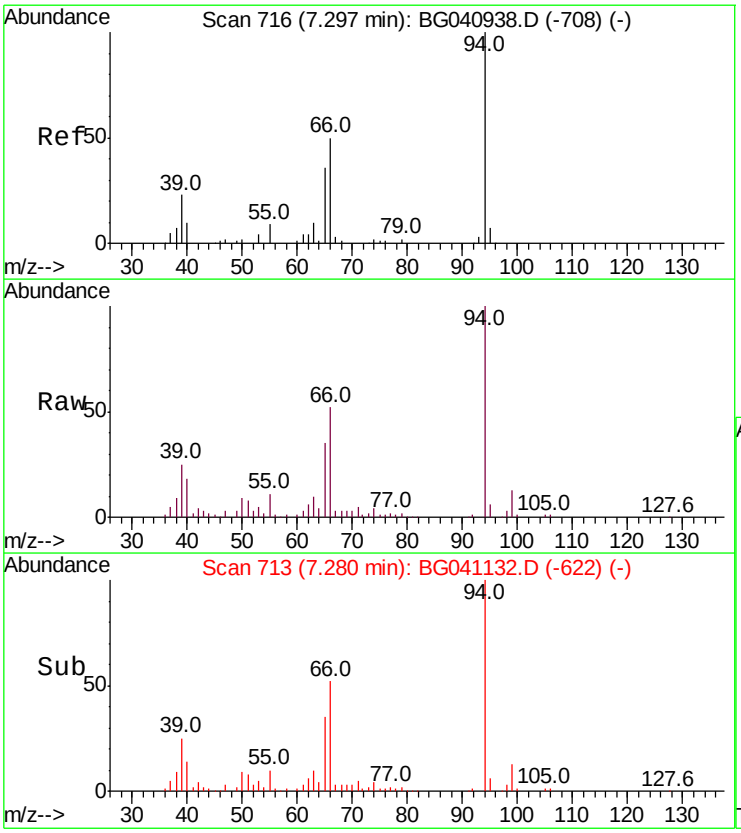

#9
Benzaldehyde
Concen: 17.732 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion: 77 Resp: 37386

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 94.9 | 78.9 | 118.9 |
| 106 | 89.4 | 76.7 | 116.7 |

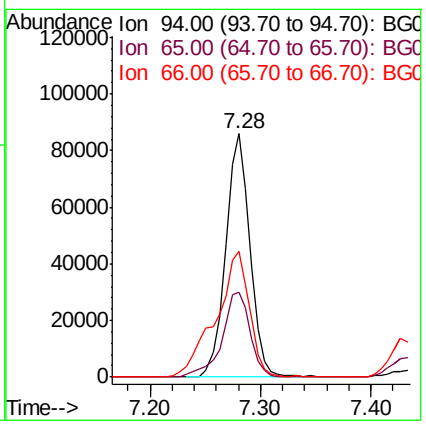


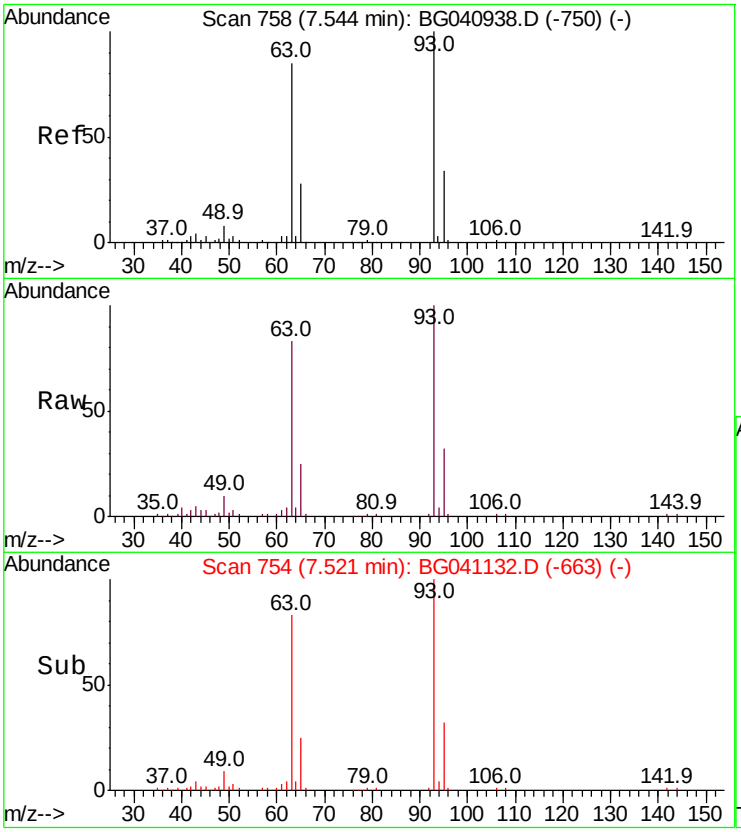




#10
Phenol
Concen: 34.889 ng
RT: 7.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion: 94 Resp: 132219

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 34.8 | 17.0 | 57.0 |
| 66 | 51.8 | 32.4 | 72.4 |



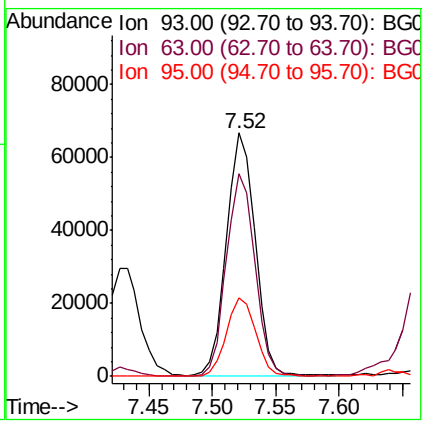


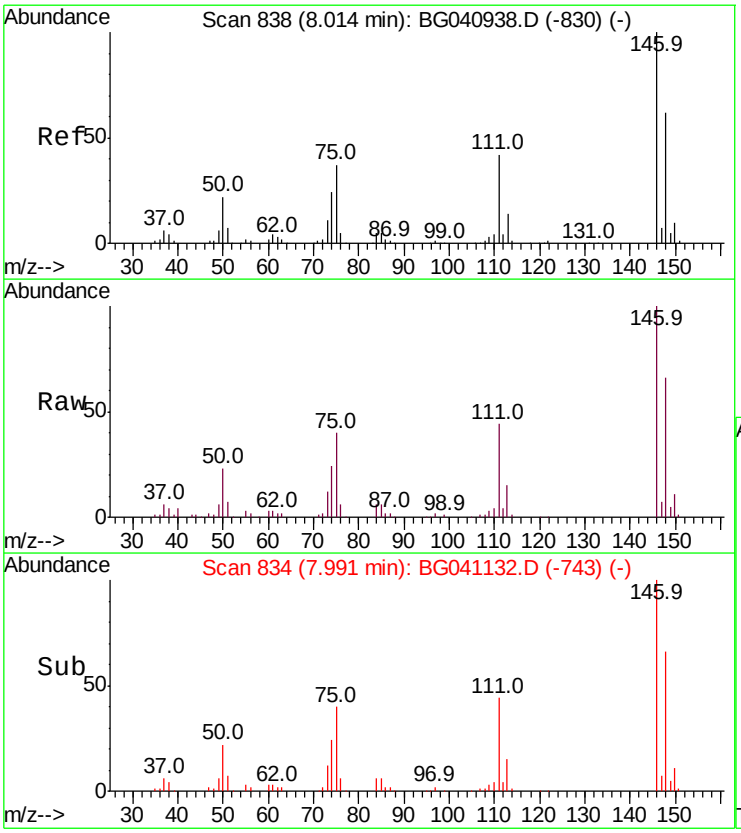

#11
bis(2-Chloroethyl)ether
Concen: 38.316 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion: 93 Resp: 105340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 83.0 | 64.5 | 104.5 |
| 95 | 32.4 | 13.3 | 53.3 |

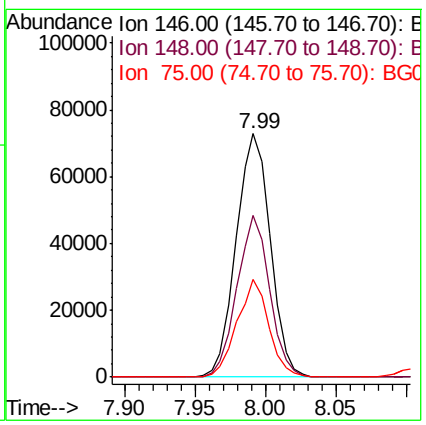


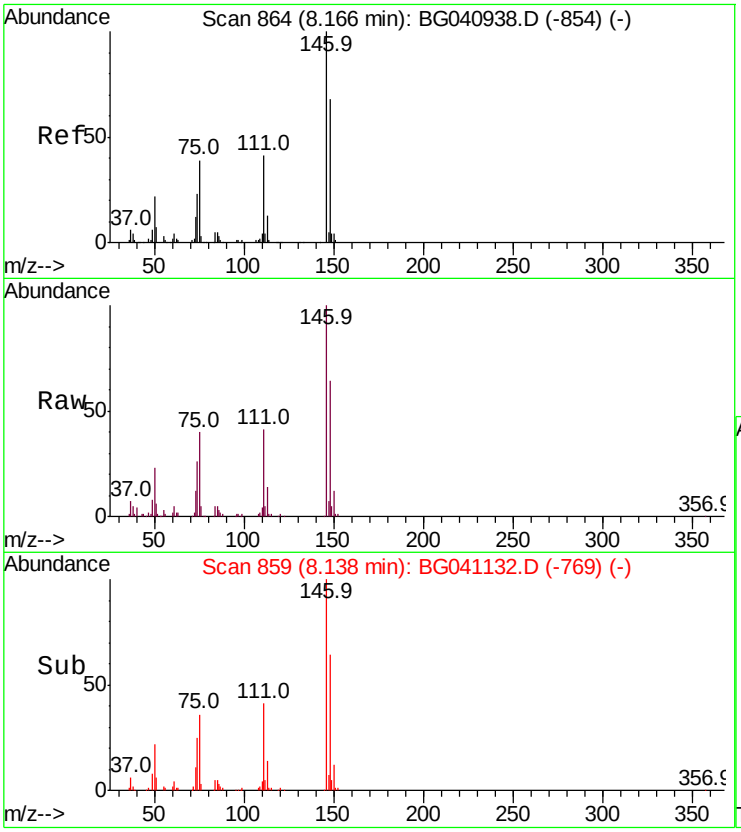




#12
1,3-Dichlorobenzene
Concen: 37.885 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:146 Resp: 123456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 66.2 | 49.2 | 73.8 |
| 75 | 39.9 | 29.4 | 44.0 |



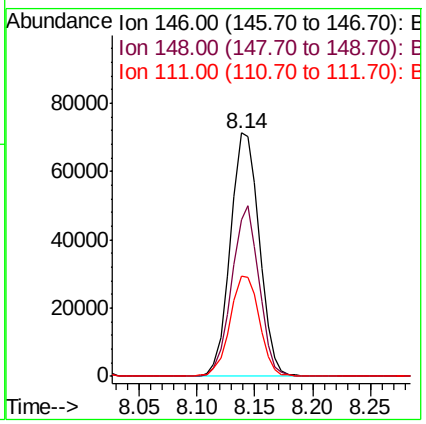


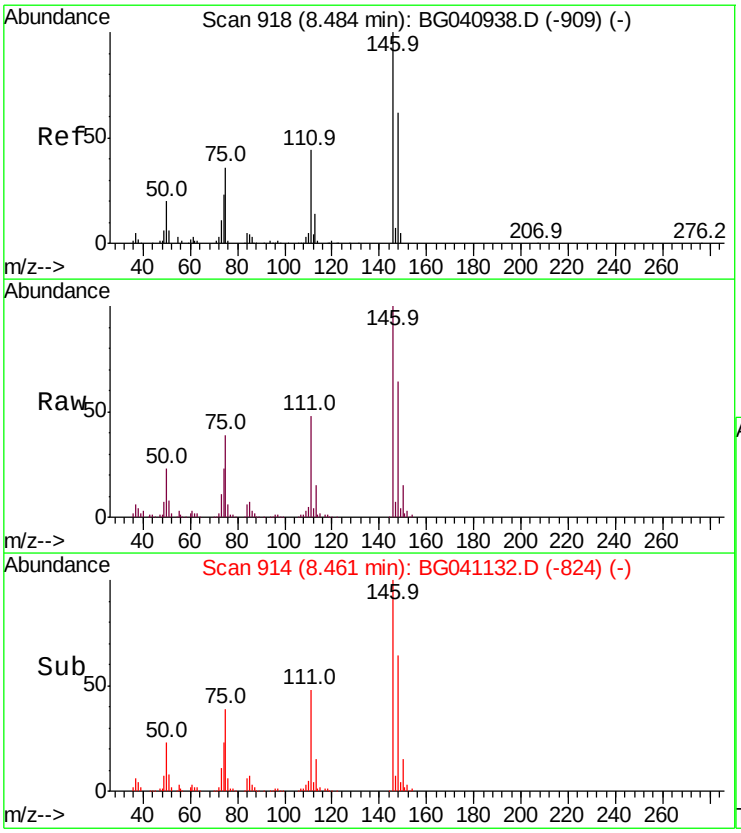

#13
1,4-Dichlorobenzene
Concen: 37.518 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:146 Resp: 123754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.5 | 54.2 | 81.4 |
| 111 | 41.4 | 32.9 | 49.3 |

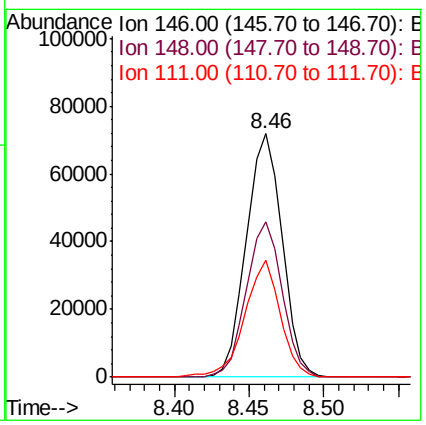


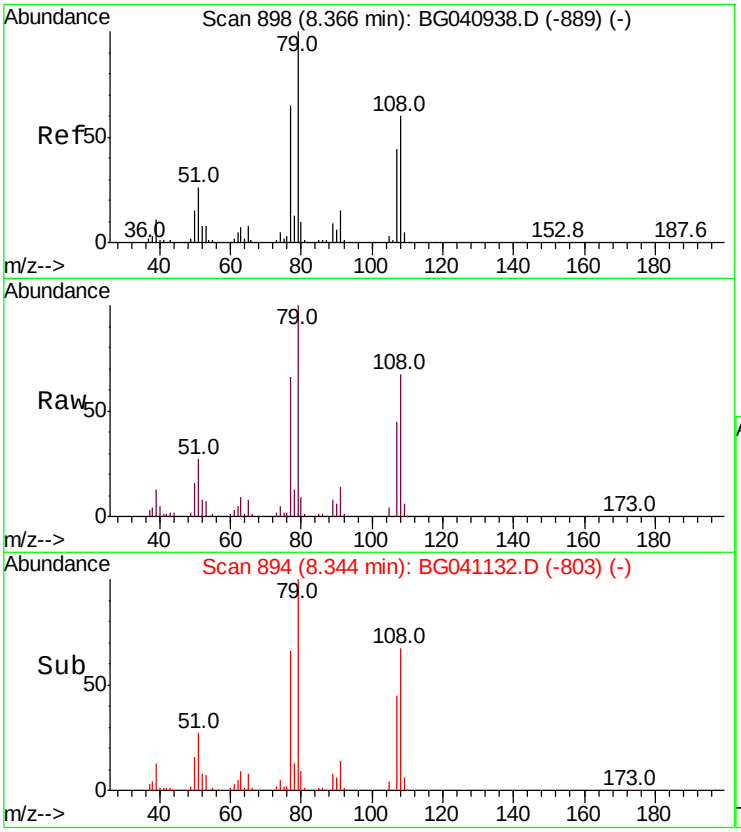




#14
1,2-Dichlorobenzene
Concen: 37.251 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:146 Resp: 119304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 49.8 | 74.6 |
| 111 | 48.0 | 35.0 | 52.4 |



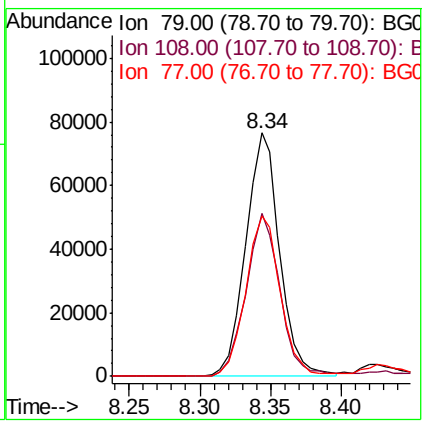


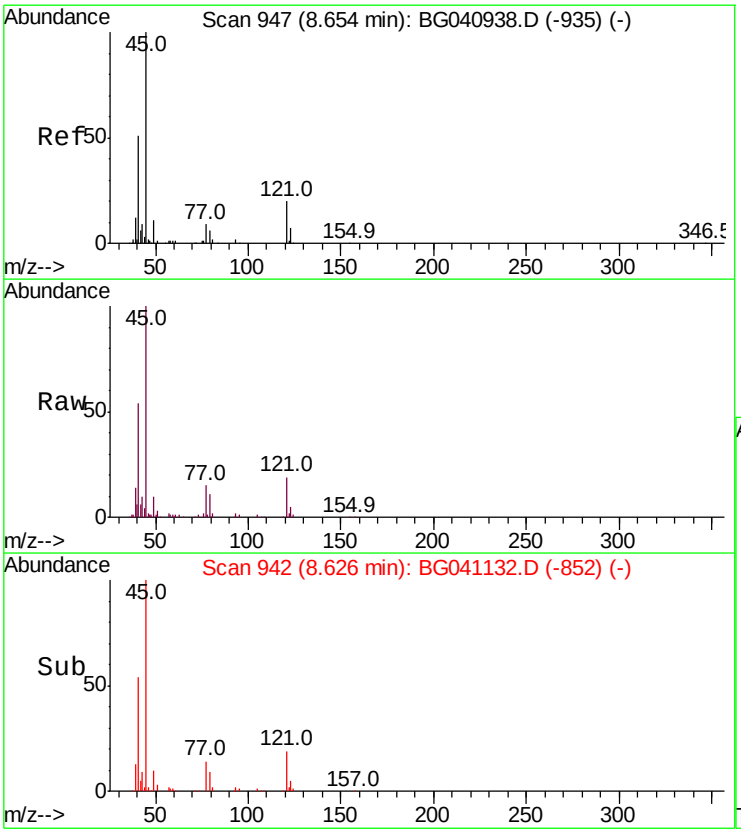

#15
Benzyl Alcohol
Concen: 39.449 ng
RT: 8.34 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion: 79 Resp: 128981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 67.1 | 48.3 | 72.5 |
| 77 | 65.8 | 52.3 | 78.5 |

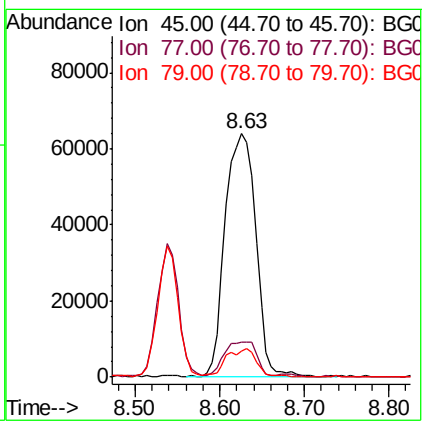


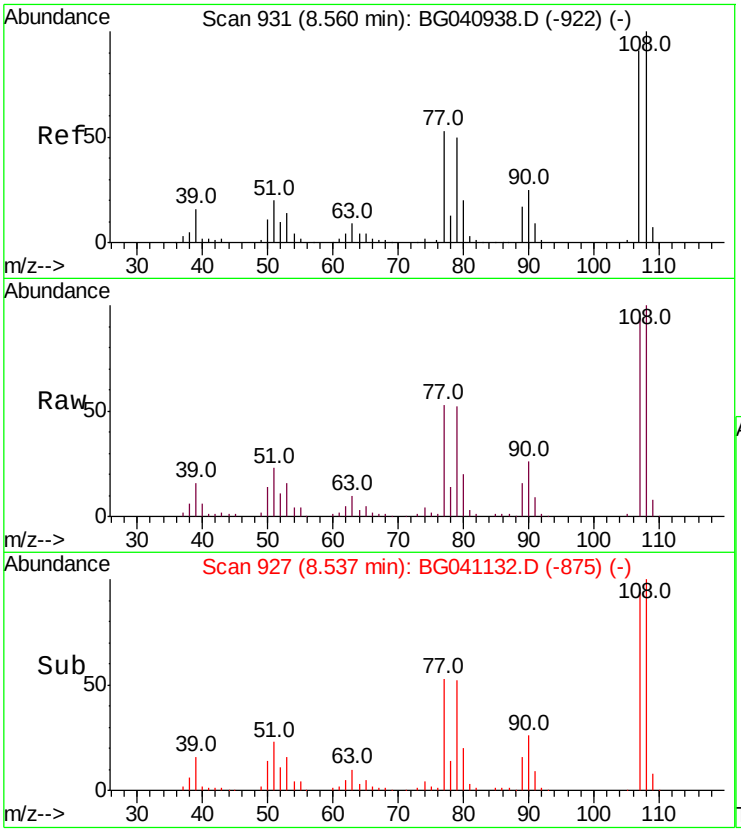




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.916 ng
RT: 8.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion: 45 Resp: 161348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.5 | 0.0 | 33.7 |
| 79 | 10.7 | 0.0 | 30.2 |



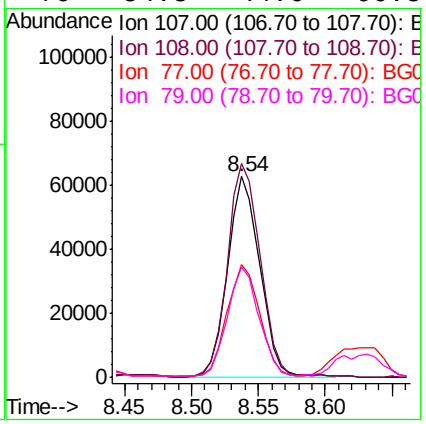


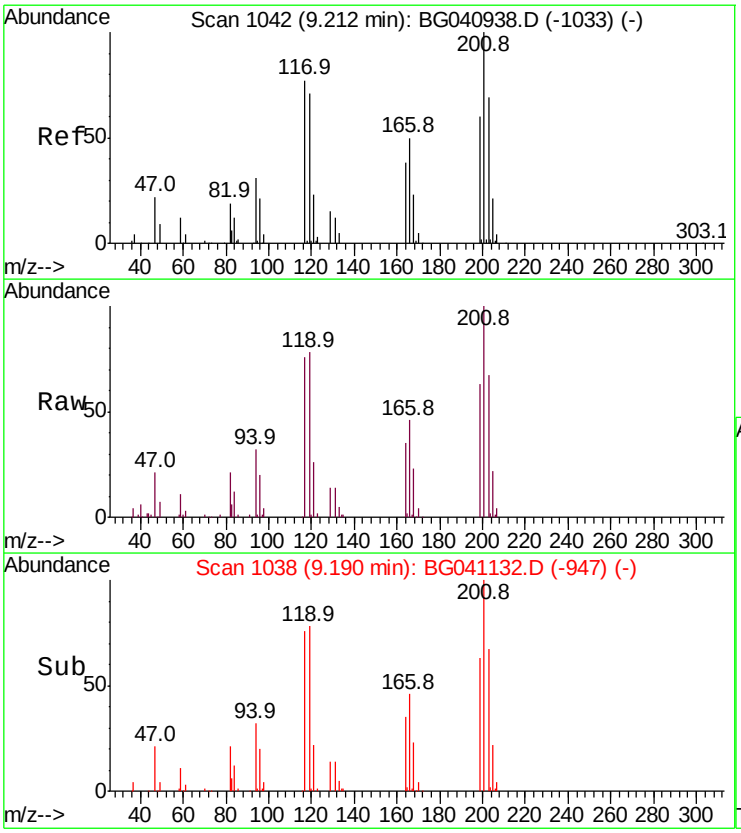

#17
2-Methylphenol
Concen: 38.640 ng
RT: 8.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:107 Resp: 106025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 106.3 | 87.7 | 131.5 |
| 77 | 55.9 | 46.6 | 70.0 |
| 79 | 54.8 | 44.6 | 66.8 |

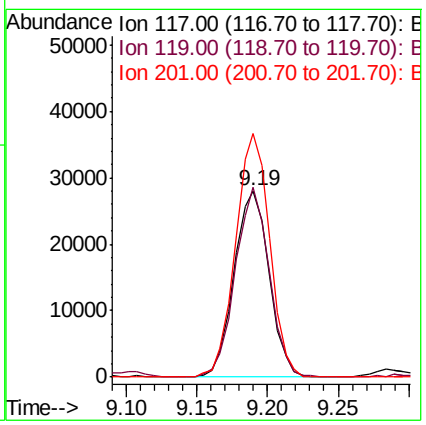


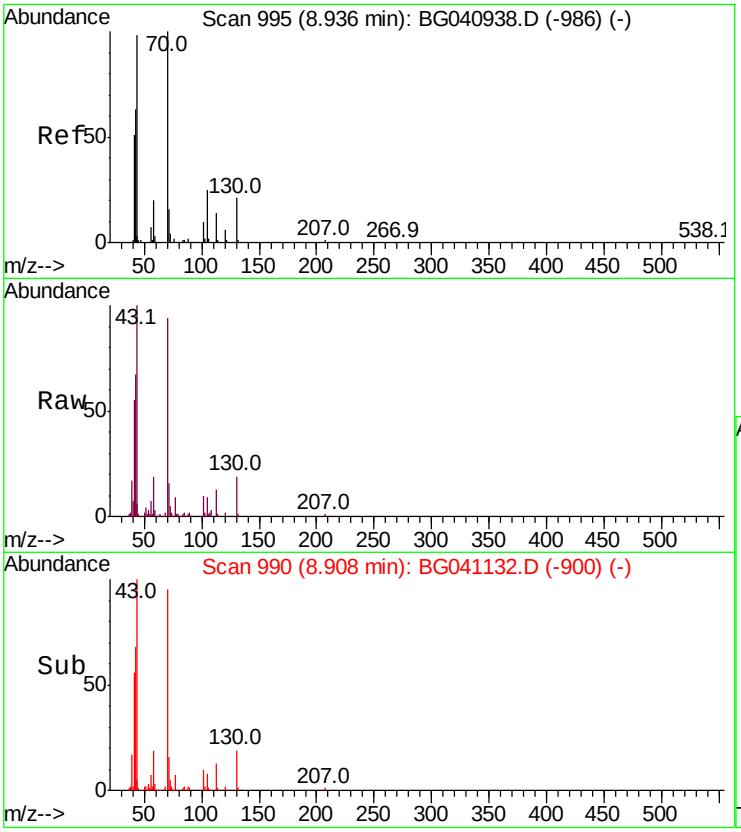




#18
Hexachloroethane
Concen: 38.094 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:117 Resp: 48429

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 102.5 | 75.0 | 112.6 |
| 201 | 130.8 | 103.5 | 155.3 |



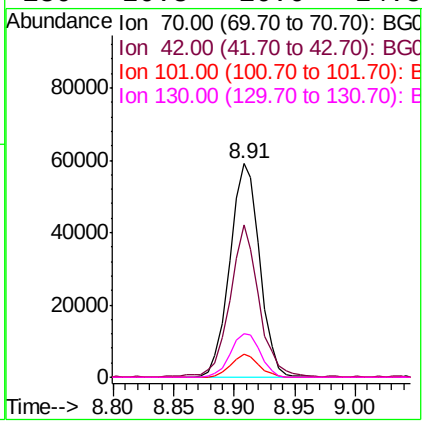


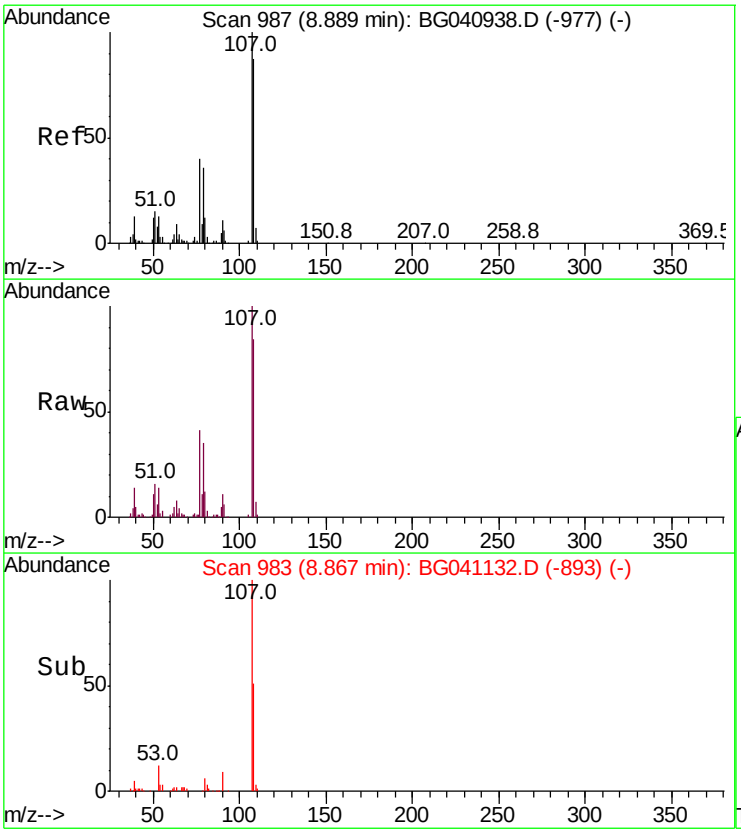

#19
n-Nitroso-di-n-propylamine
Concen: 37.238 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion: 70 Resp: 101286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 71.4 | 51.5 | 77.3 |
| 101 | 10.9 | 8.1 | 12.1 |
| 130 | 20.3 | 16.6 | 24.8 |

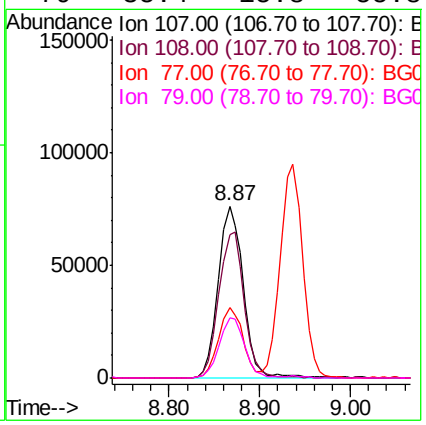


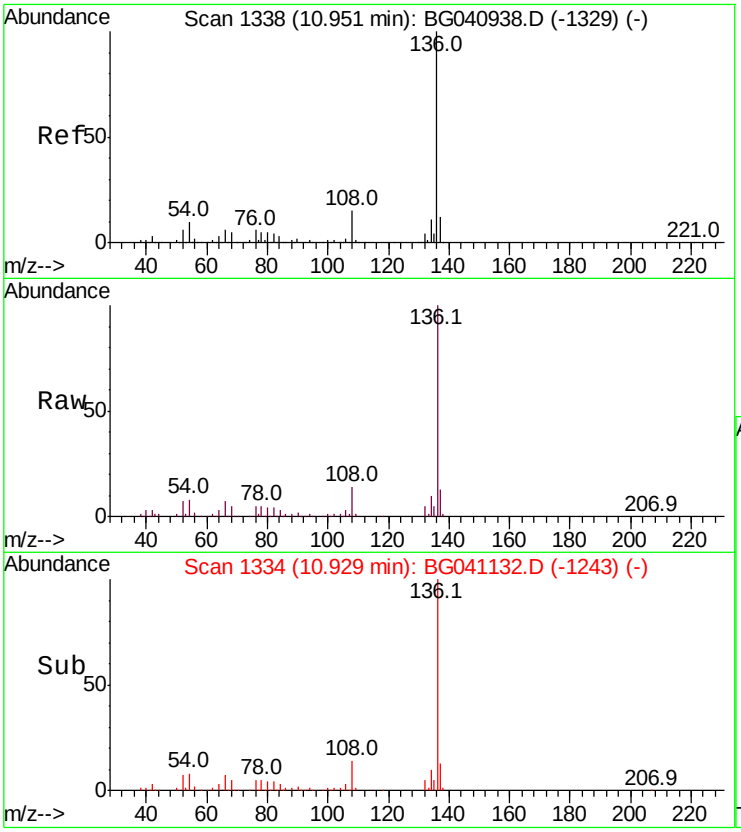




#20
3+4-Methylphenols
Concen: 38.390 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:107 Resp: 145915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 83.7 | 66.8 | 106.8 |
| 77 | 40.7 | 20.5 | 60.5 |
| 79 | 35.4 | 15.8 | 55.8 |



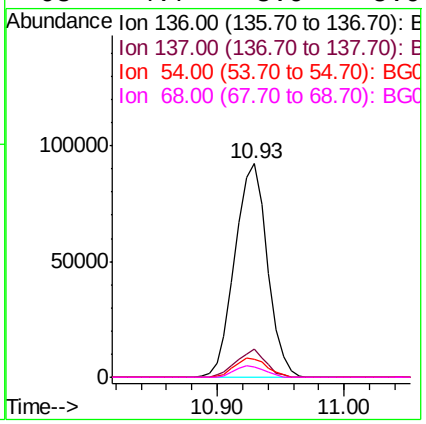


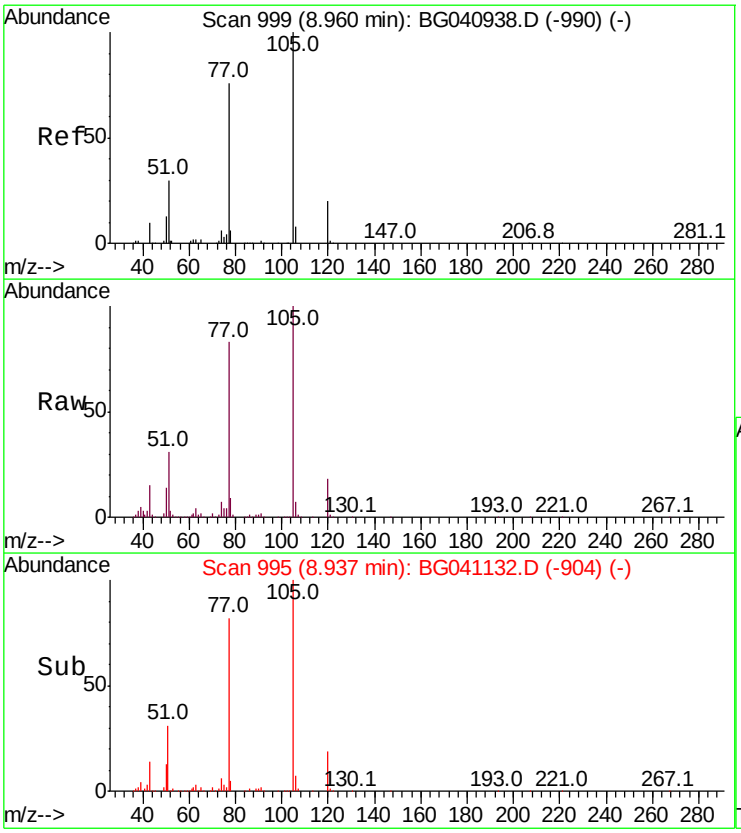

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:136 Resp: 164139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.0 | 9.5 | 14.3 |
| 54 | 8.5 | 7.6 | 11.4 |
| 68 | 4.7 | 3.9 | 5.9 |

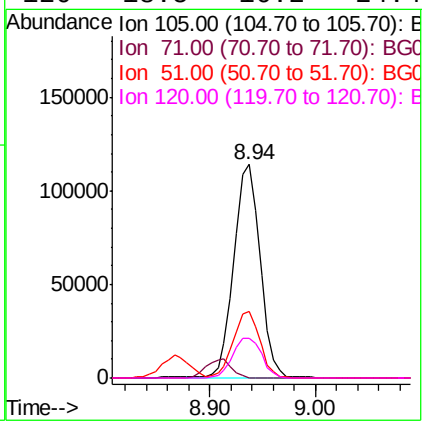


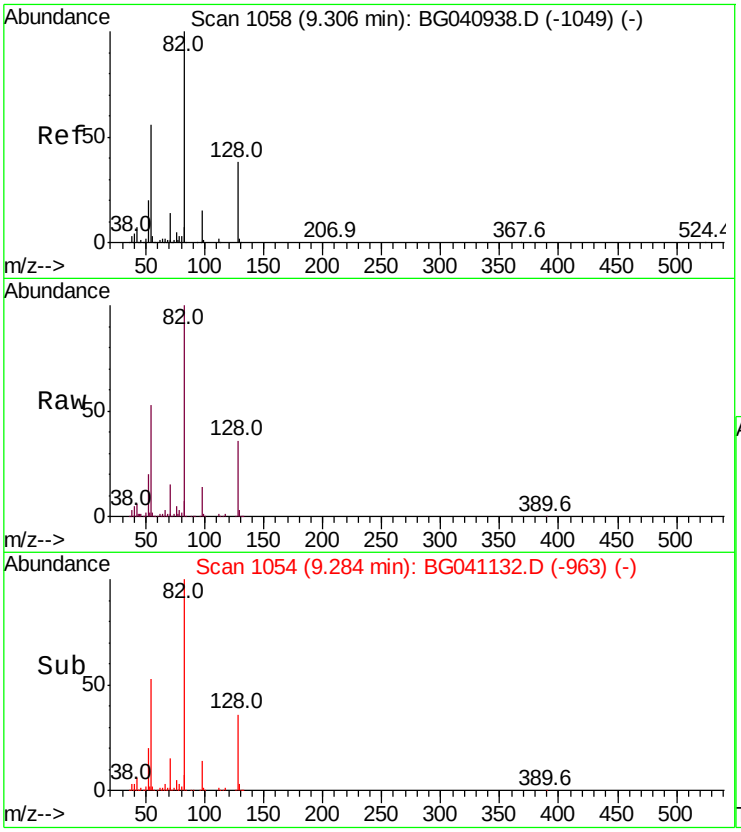




#22
Acetophenone
Concen: 42.473 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:105 Resp: 195564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.3 | 0.4 | 0.6# |
| 51 | 31.1 | 27.0 | 40.6 |
| 120 | 18.5 | 16.2 | 24.4 |



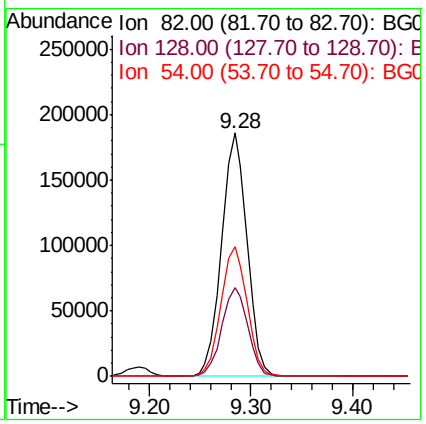


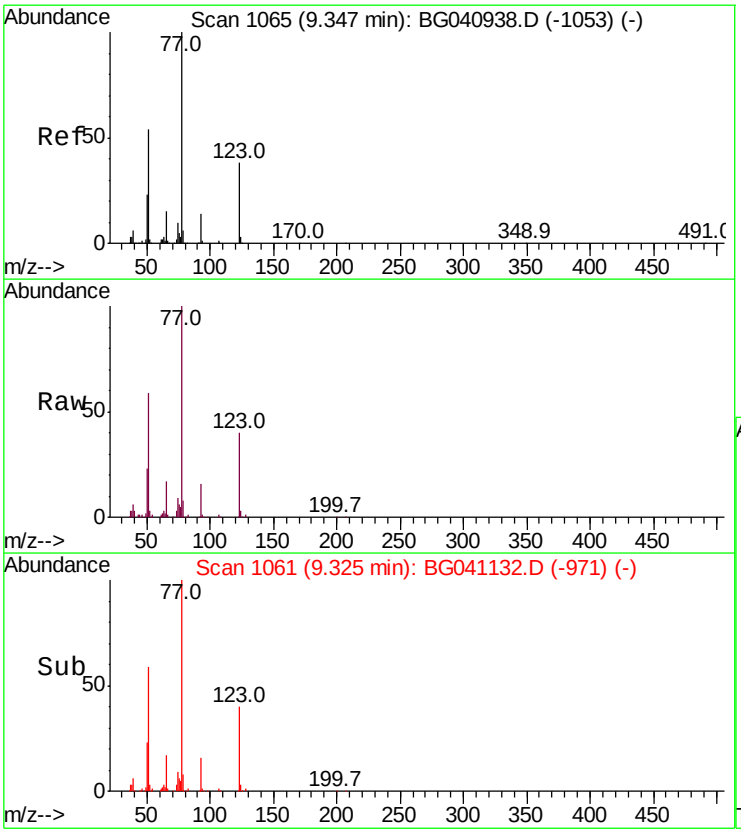

#23
Nitrobenzene-d5
Concen: 87.756 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion: 82 Resp: 324466

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.4 | 30.5 | 45.7 |
| 54 | 53.0 | 44.6 | 66.8 |

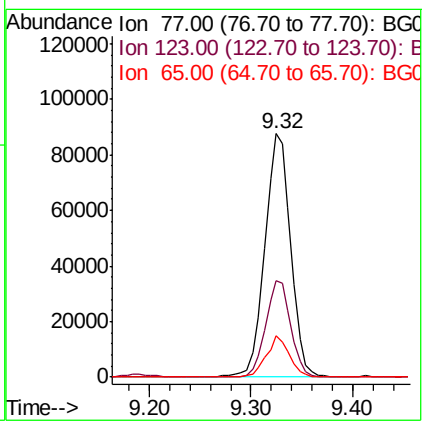


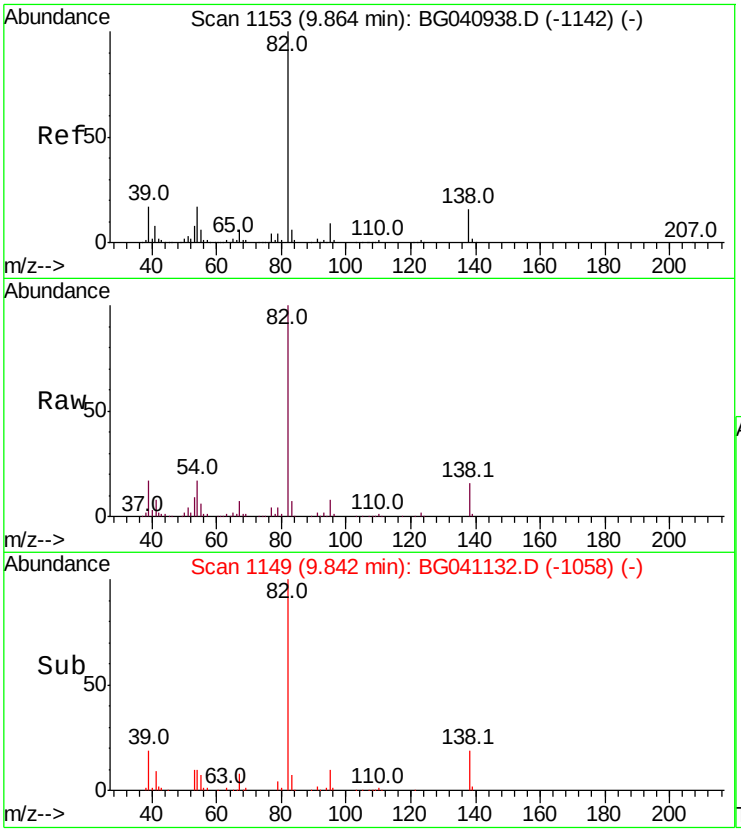




#24
Nitrobenzene
Concen: 41.393 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion: 77 Resp: 155966

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 39.9 | 30.6 | 46.0 |
| 65 | 17.2 | 12.3 | 18.5 |



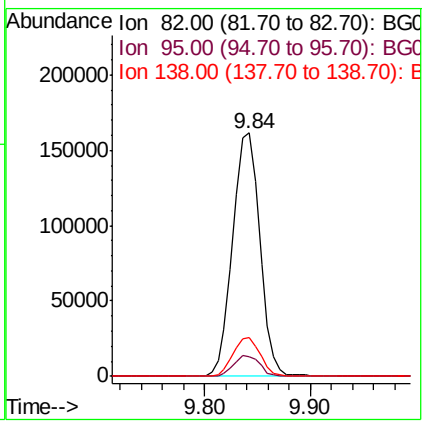


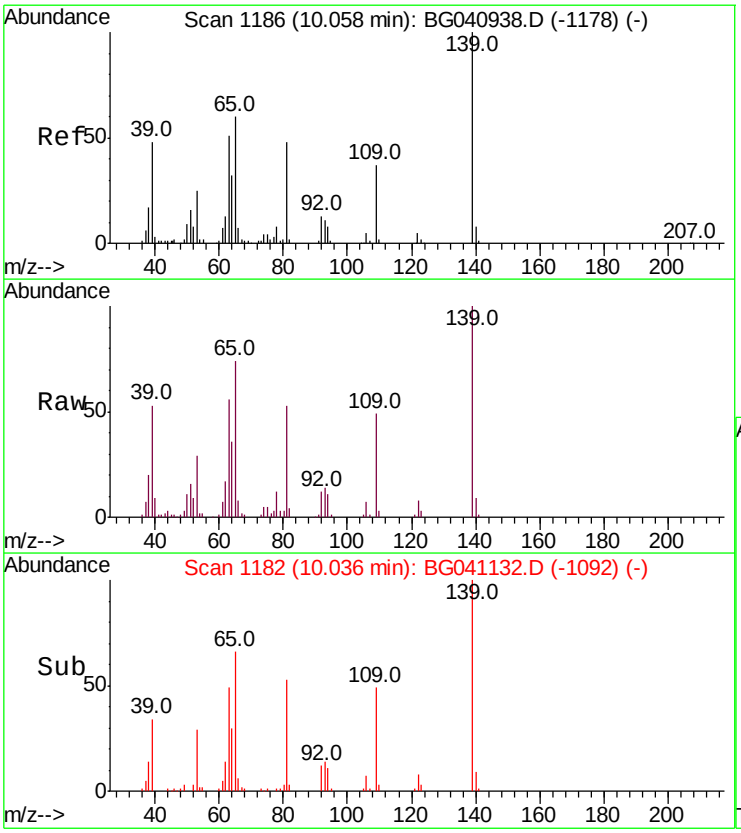

#25
Isophorone
Concen: 41.000 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion: 82 Resp: 288490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.3 | 7.0 | 10.4 |
| 138 | 16.2 | 12.6 | 19.0 |

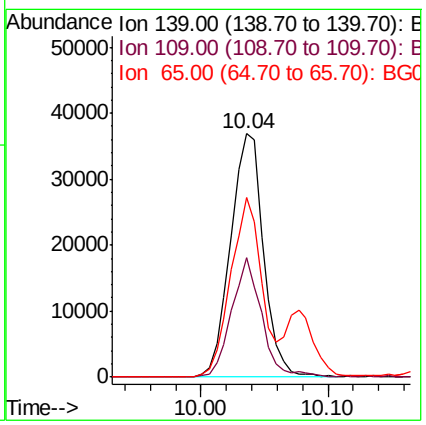


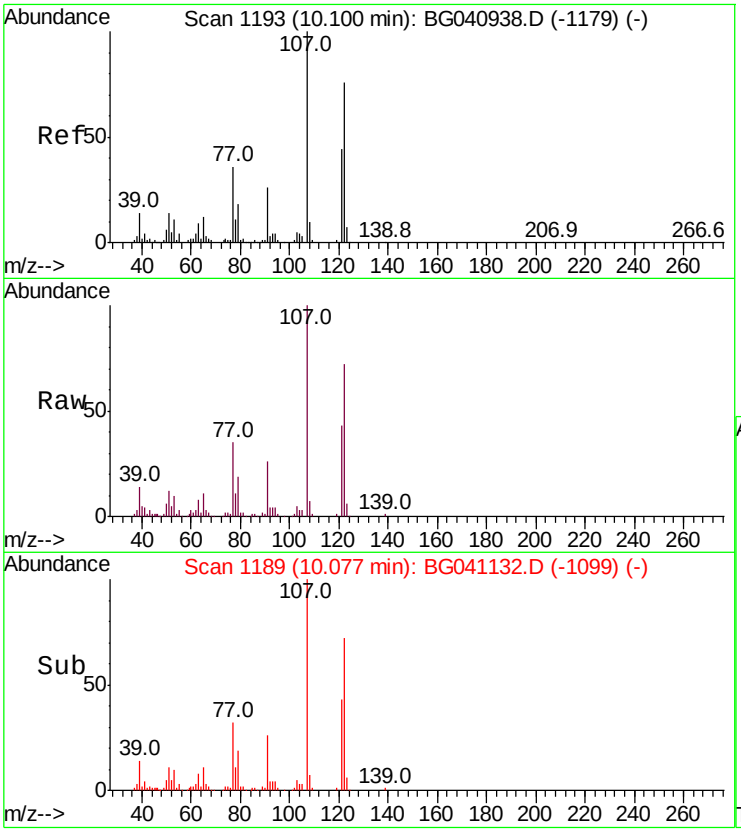




#26
2-Nitrophenol
Concen: 42.603 ng
RT: 10.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:139 Resp: 66176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 49.0 | 29.8 | 44.6# |
| 65 | 73.8 | 47.8 | 71.6# |



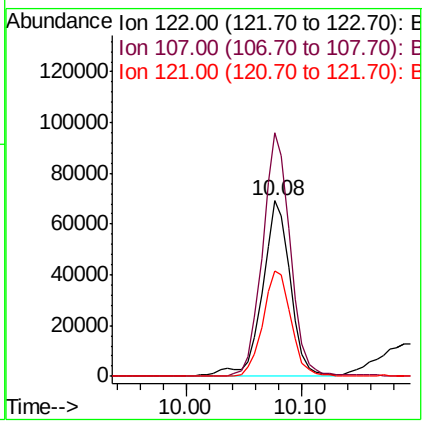


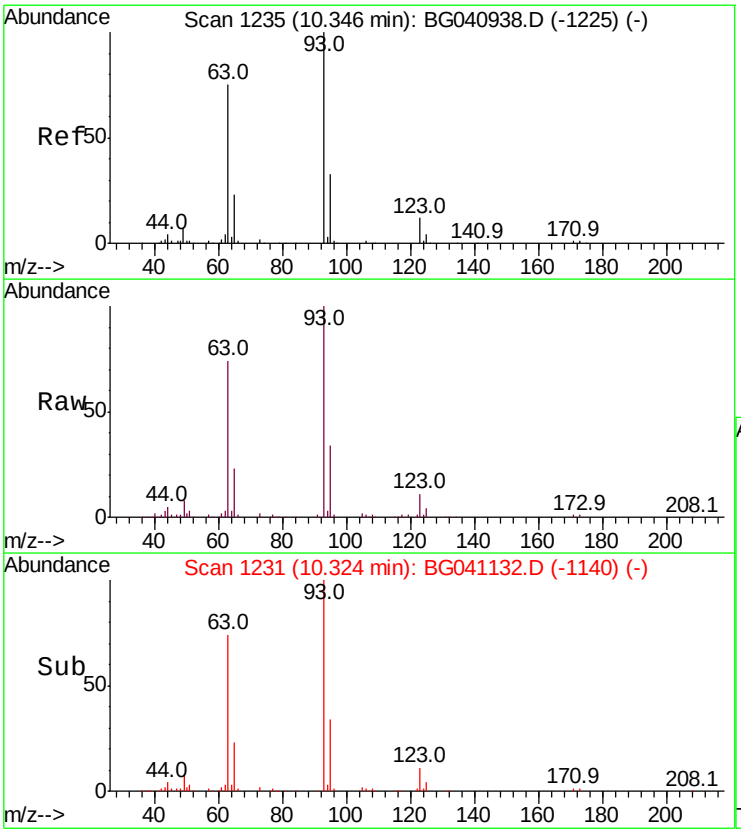

#27
2,4-Dimethylphenol
Concen: 45.711 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:122 Resp: 117267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 138.6 | 105.9 | 158.9 |
| 121 | 60.0 | 46.2 | 69.4 |

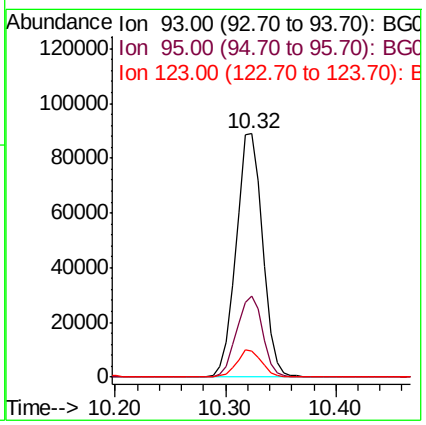


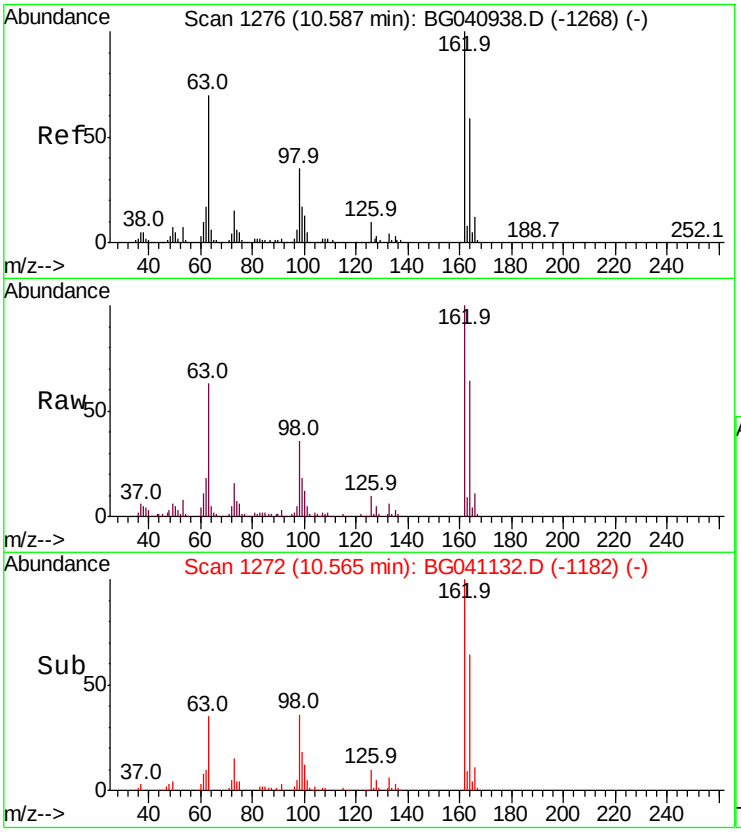




#28
bis(2-Chloroethoxy)methane
Concen: 39.579 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion: 93 Resp: 150307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 33.5 | 26.2 | 39.2 |
| 123 | 10.8 | 9.5 | 14.3 |



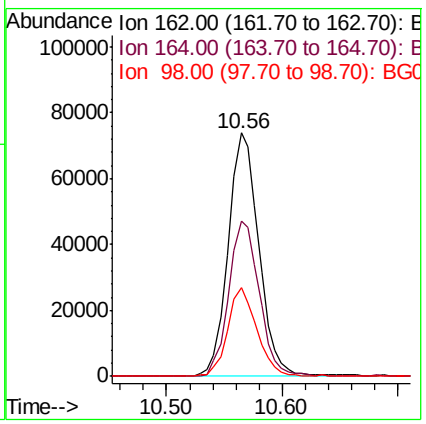


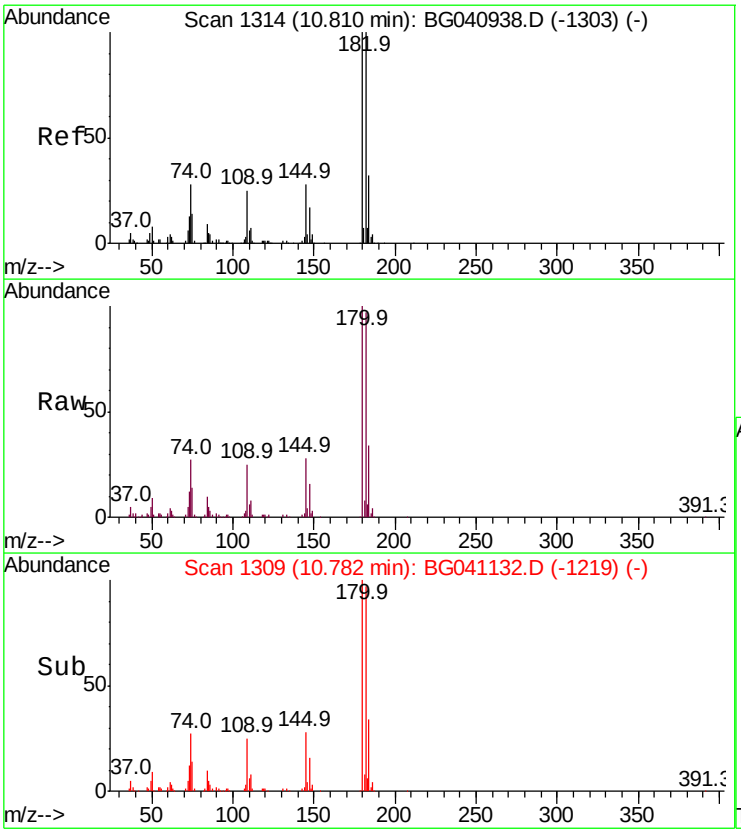

#29
2,4-Dichlorophenol
Concen: 41.659 ng
RT: 10.56 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:162 Resp: 135714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.6 | 39.4 | 79.4 |
| 98 | 36.2 | 15.3 | 55.3 |

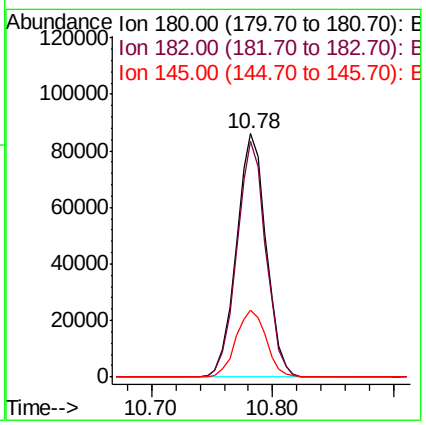


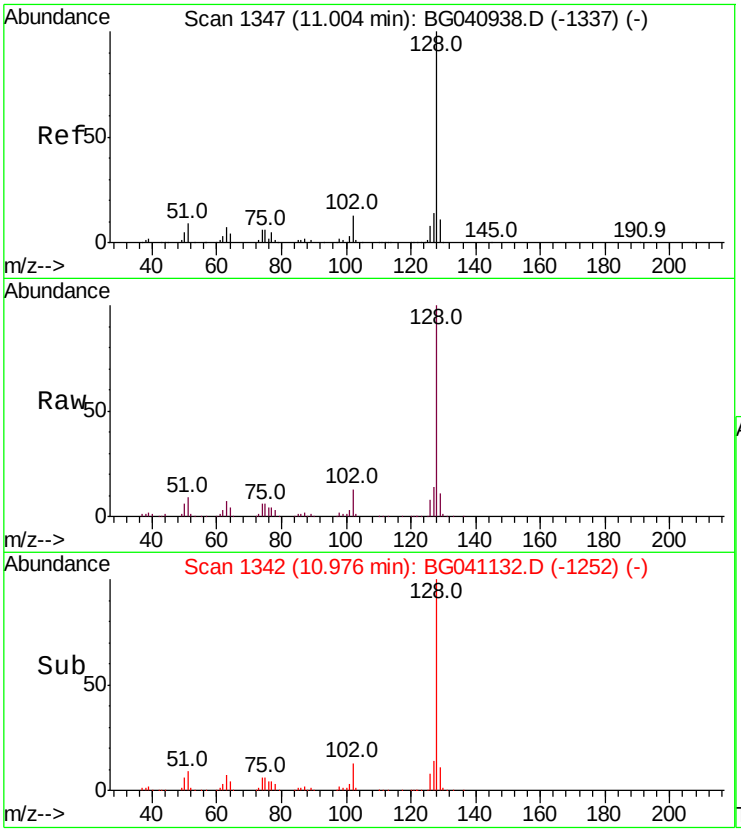




#30
1,2,4-Trichlorobenzene
Concen: 39.745 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:180 Resp: 147294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.8 | 79.7 | 119.5 |
| 145 | 27.7 | 22.6 | 34.0 |



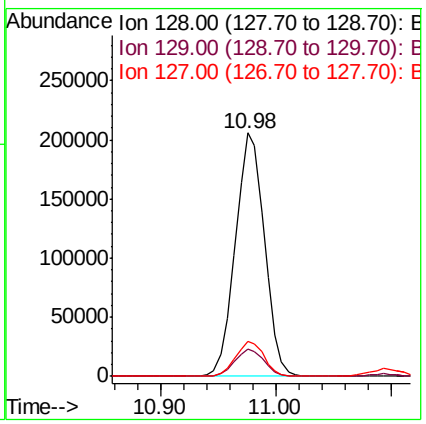


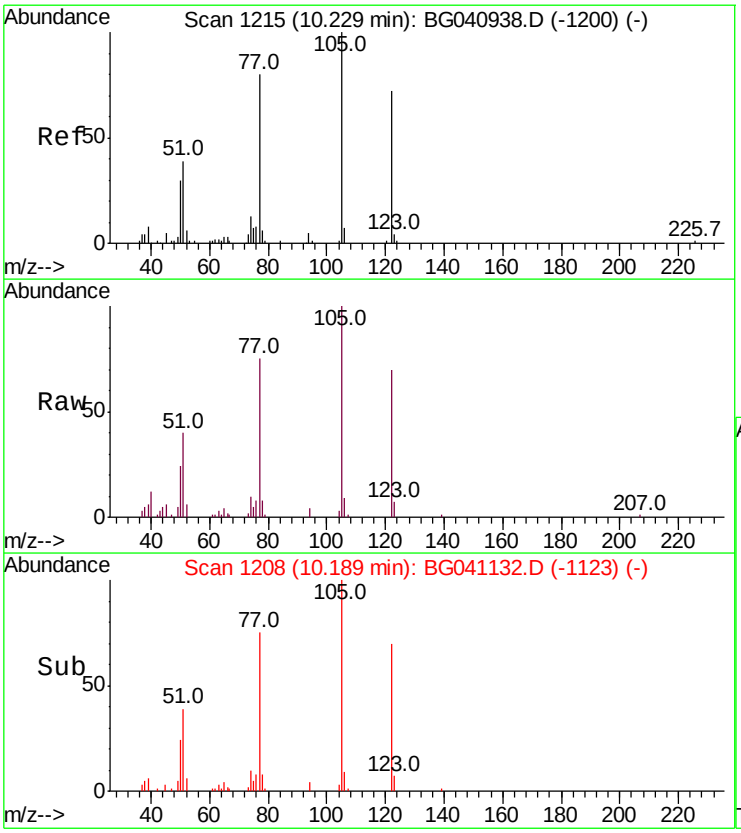

#31
Naphthalene
Concen: 40.779 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:128 Resp: 359380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 8.5 | 12.7 |
| 127 | 14.3 | 11.4 | 17.2 |

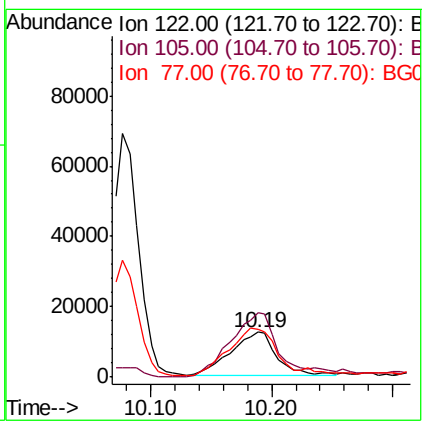


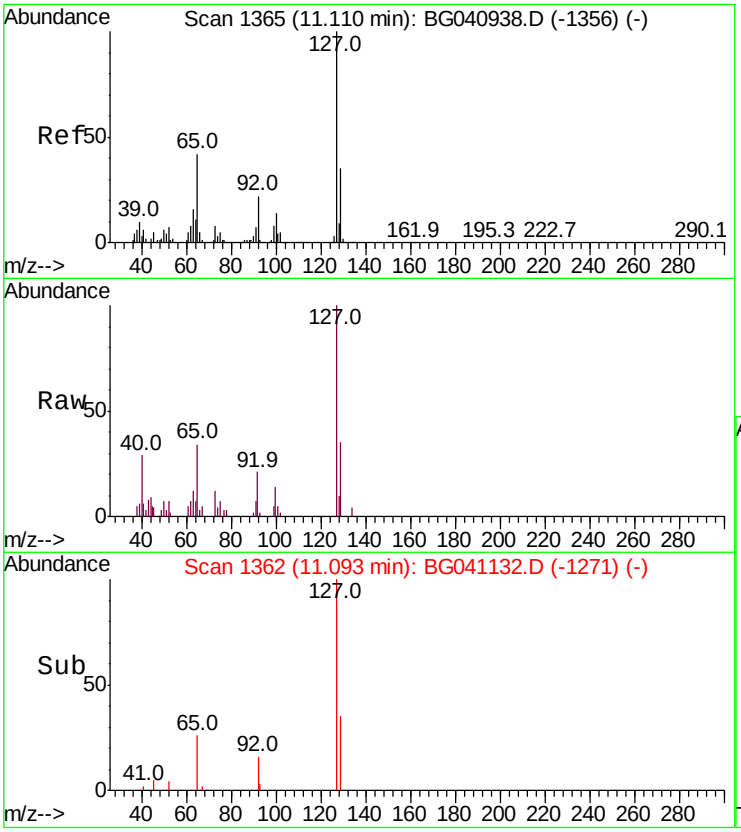




#32
Benzoic acid
Concen: 21.839 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.03 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:122 Resp: 32922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 142.8 | 114.8 | 154.8 |
| 77 | 106.7 | 89.9 | 129.9 |



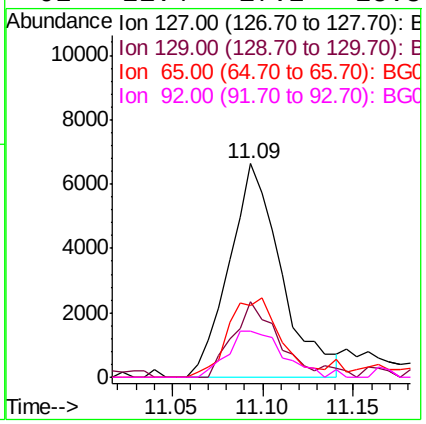


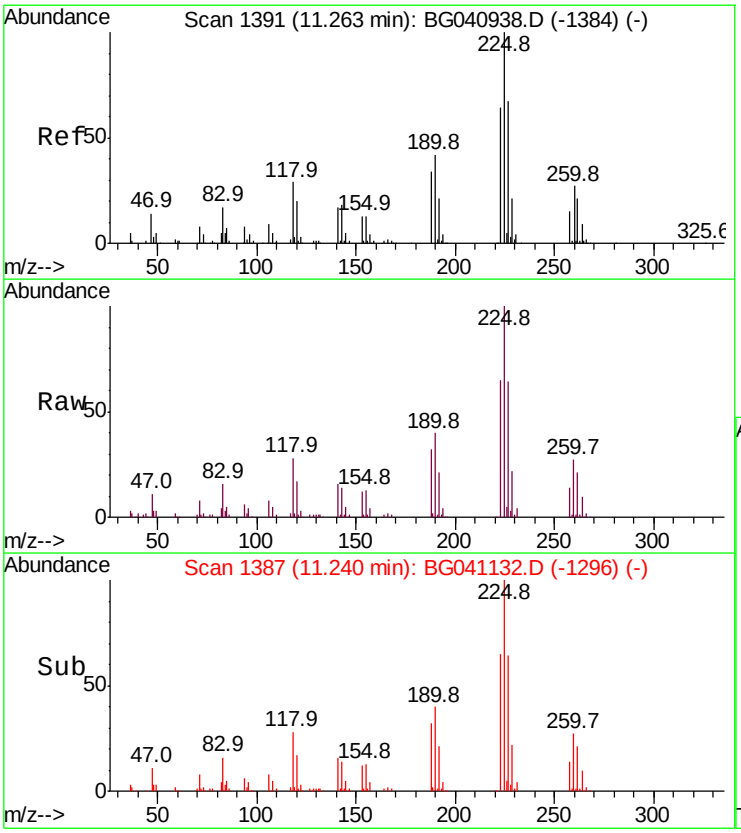

#33
4-Chloroaniline
Concen: 3.246 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:127 Resp: 13274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 35.3 | 27.7 | 41.5 |
| 65 | 33.6 | 33.2 | 49.8 |
| 92 | 21.4 | 17.2 | 25.8 |

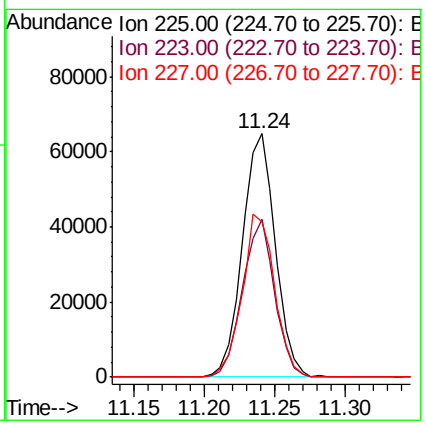


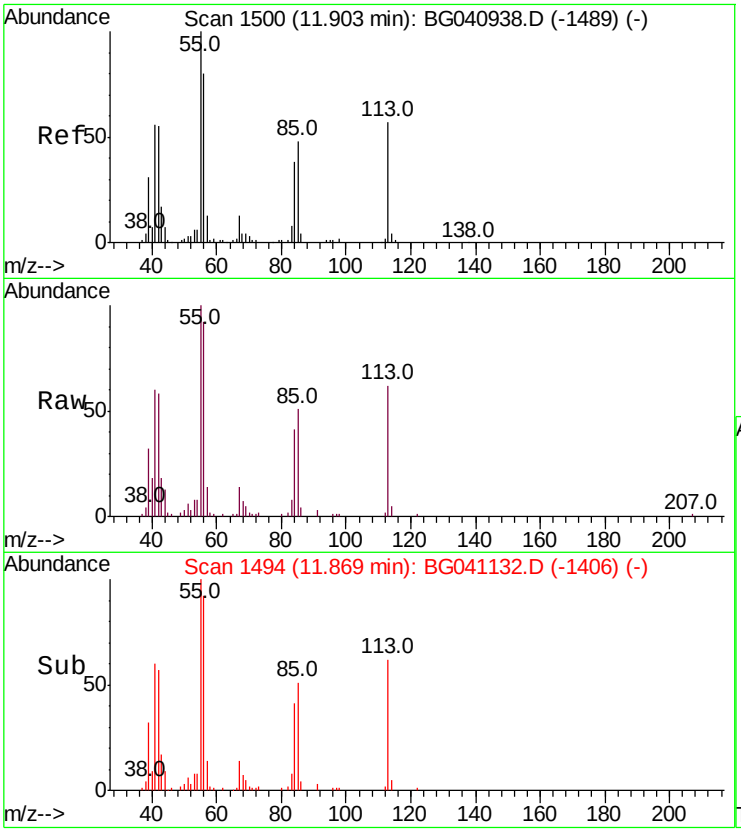




#34
Hexachlorobutadiene
Concen: 37.366 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:225 Resp: 105956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.7 | 48.8 | 73.2 |
| 227 | 66.5 | 51.4 | 77.0 |



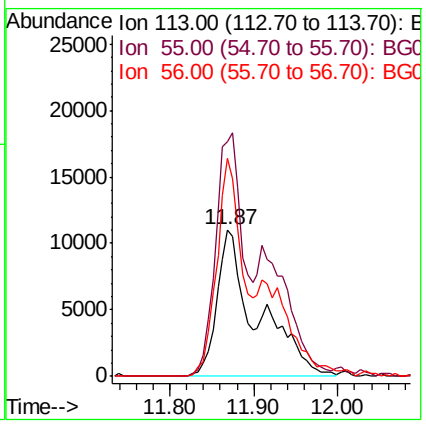


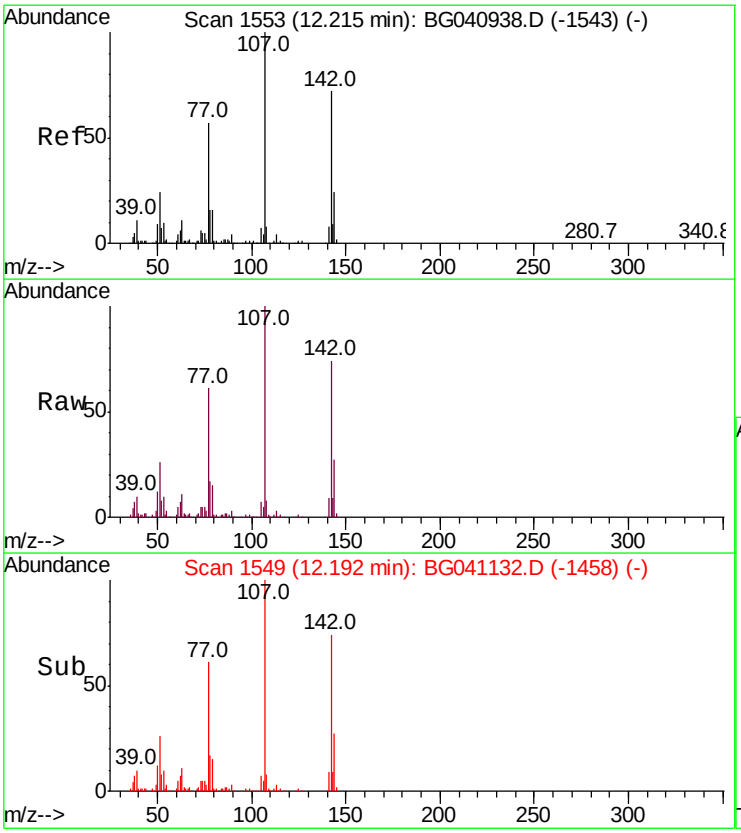

#35
Caprolactam
Concen: 33.961 ng m
RT: 11.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:113 Resp: 36535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 160.7 | 155.9 | 195.9 |
| 56 | 148.6 | 119.9 | 159.9 |

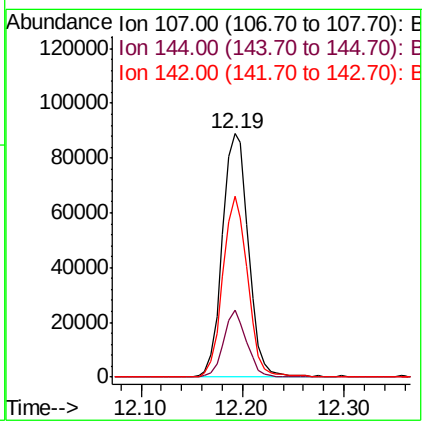


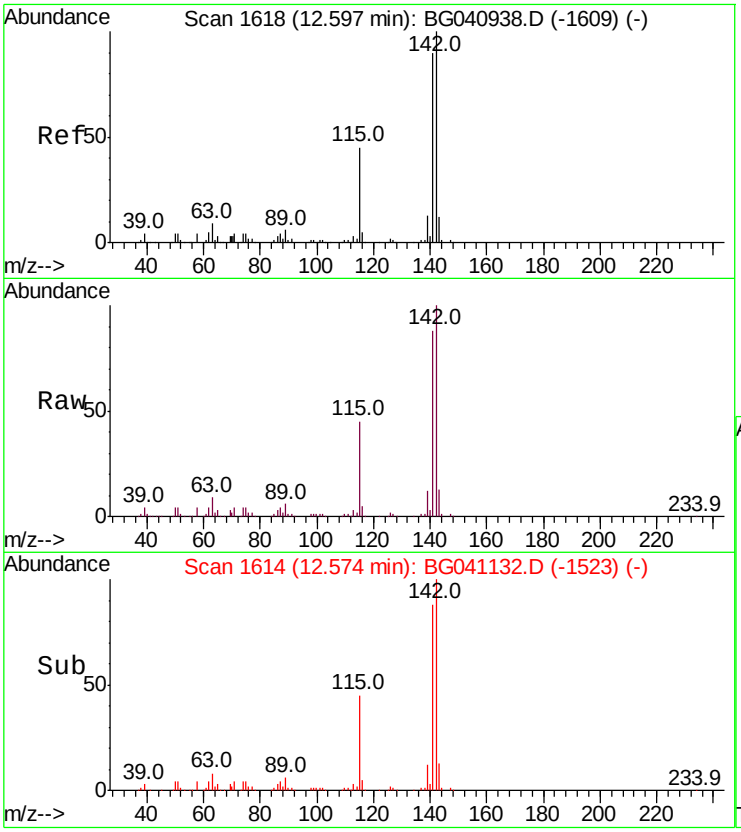




#36
4-Chloro-3-methylphenol
Concen: 42.546 ng
RT: 12.19 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:107 Resp: 158295

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.4 | 19.4 | 29.0 |
| 142 | 74.4 | 57.3 | 85.9 |



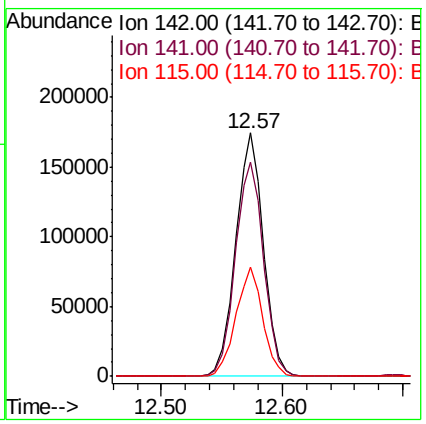


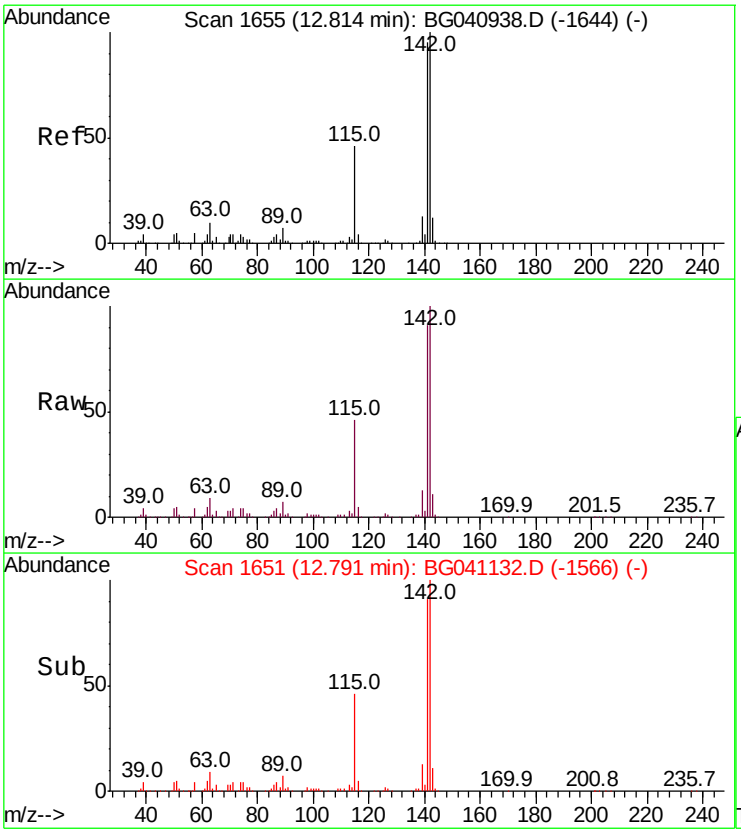

#37
2-Methylnaphthalene
Concen: 40.864 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:142 Resp: 277363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.2 | 72.2 | 108.4 |
| 115 | 44.7 | 36.2 | 54.4 |

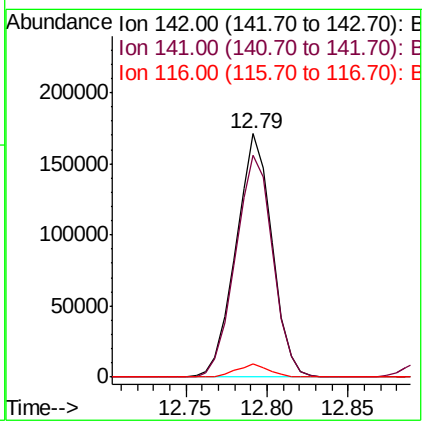


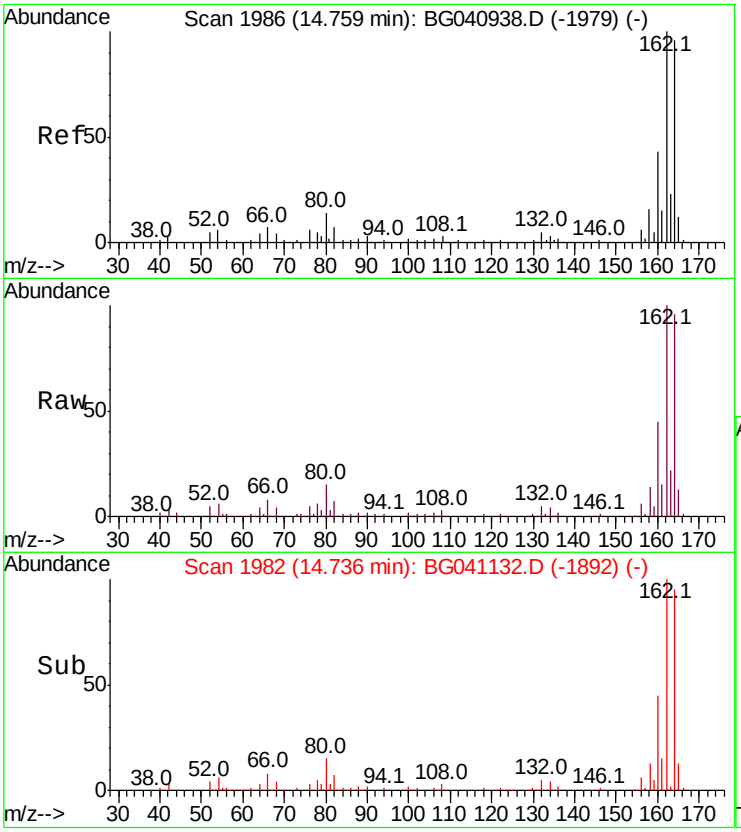




#38
1-Methylnaphthalene
Concen: 41.477 ng m
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:142 Resp: 265288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.2 | 75.7 | 113.5 |
| 116 | 5.2 | 3.4 | 5.2# |



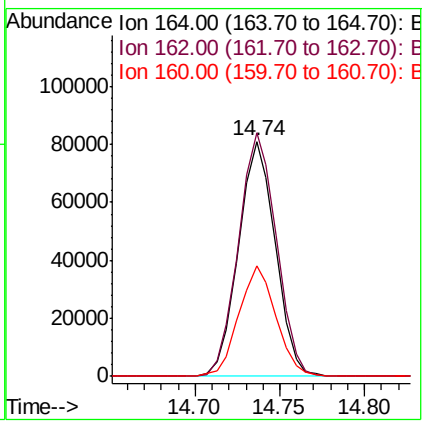


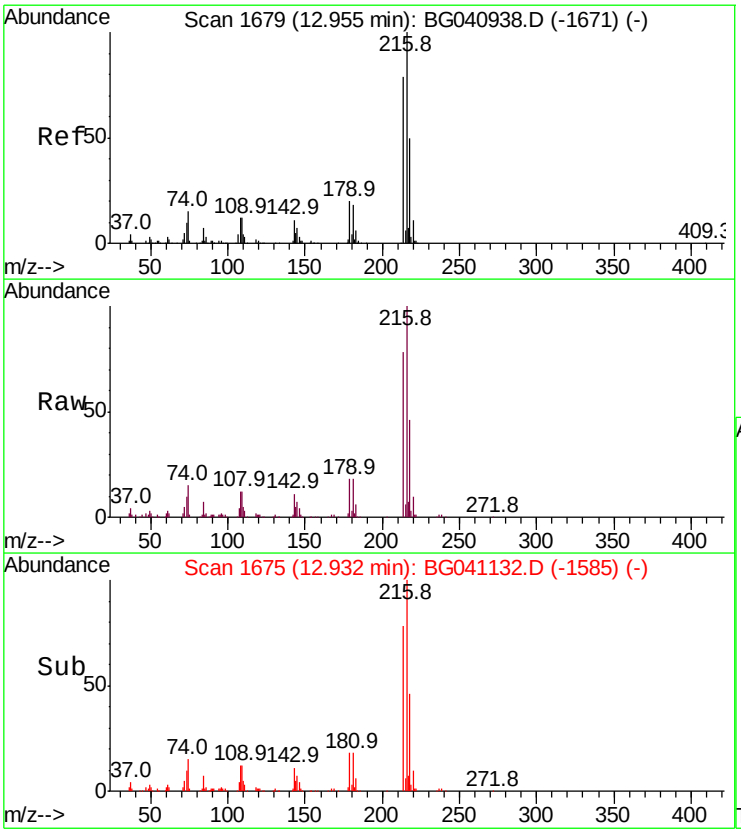

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:164 Resp: 123131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 83.0 | 124.4 |
| 160 | 47.0 | 35.6 | 53.4 |

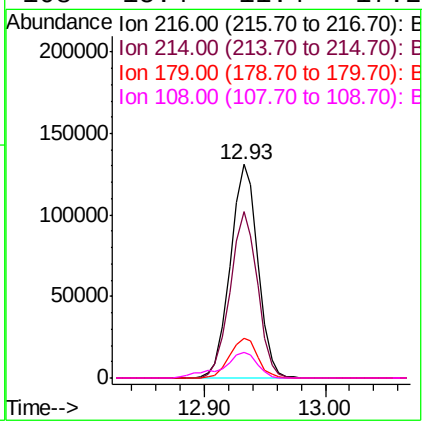


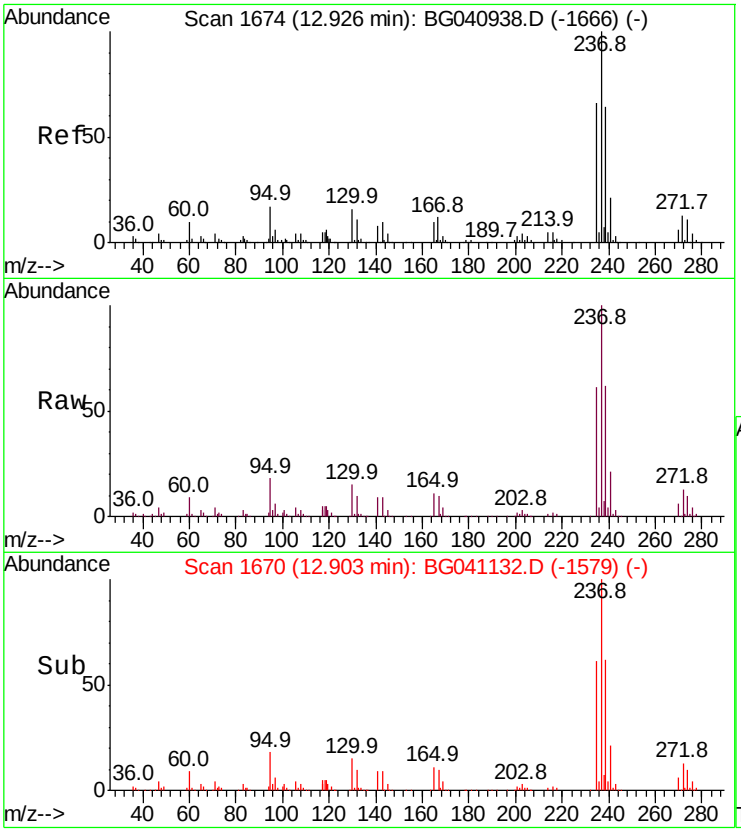




#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.824 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:216 Resp: 207566

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 76.9 | 63.4 | 95.2 |
| 179 | 18.8 | 15.2 | 22.8 |
| 108 | 15.4 | 11.4 | 17.2 |



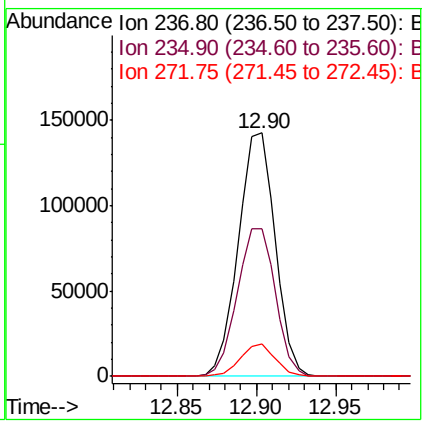


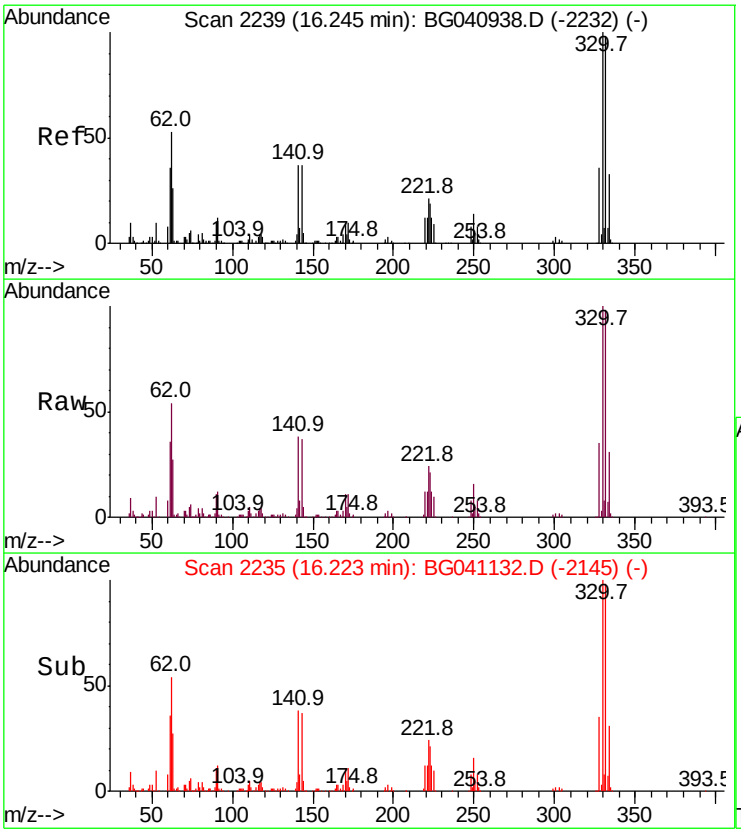

#41
Hexachlorocyclopentadiene
Concen: 85.644 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:237 Resp: 230205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 60.5 | 45.5 | 85.5 |
| 272 | 13.3 | 0.0 | 32.9 |

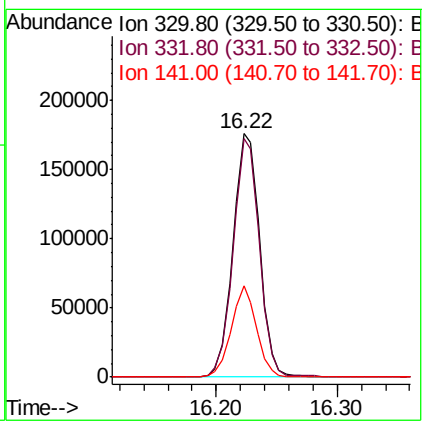


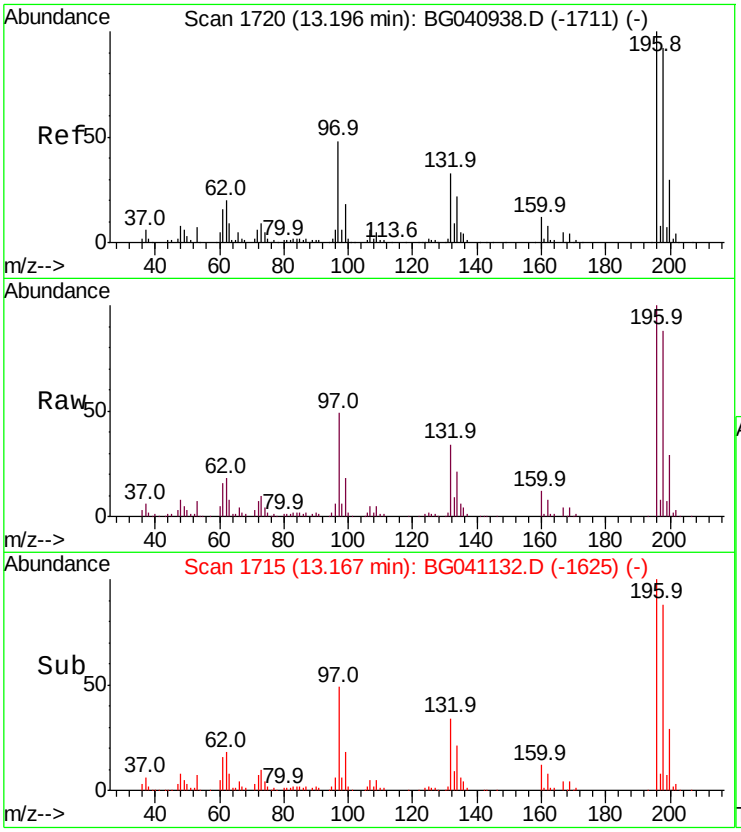




#42
2,4,6-Tribromophenol
Concen: 147.949 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:330 Resp: 270446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 78.5 | 117.7 |
| 141 | 35.1 | 28.7 | 43.1 |



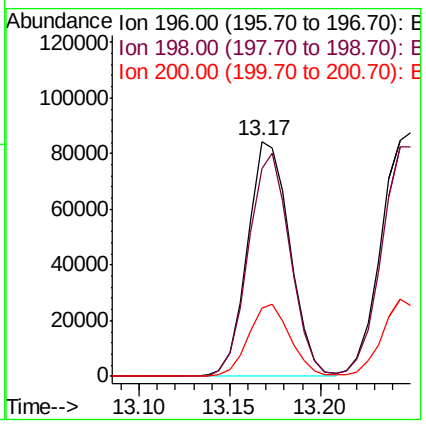


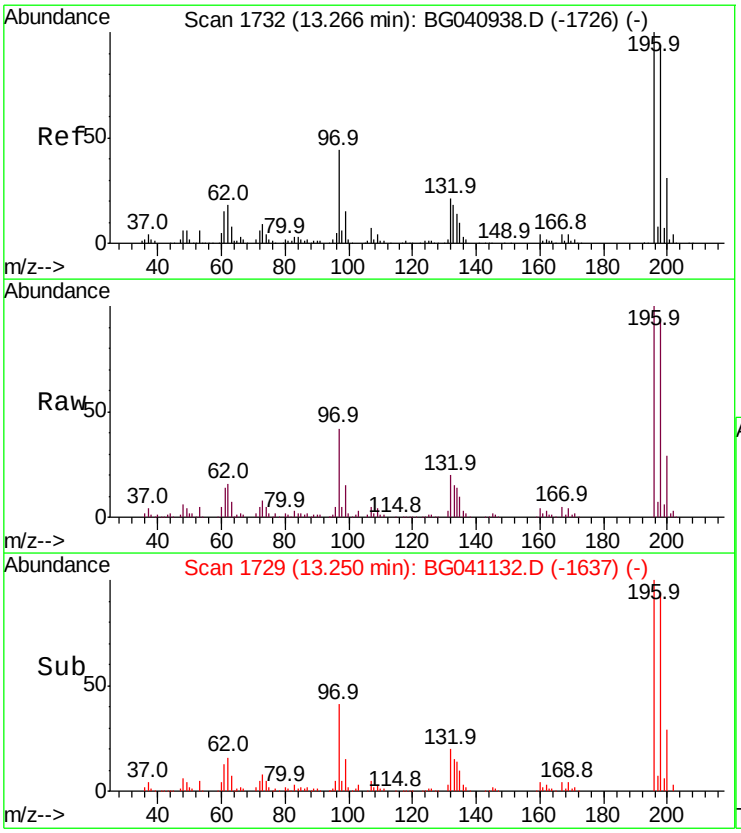

#43
2,4,6-Trichlorophenol
Concen: 42.627 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:196 Resp: 136856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 88.5 | 73.8 | 110.6 |
| 200 | 29.0 | 24.1 | 36.1 |

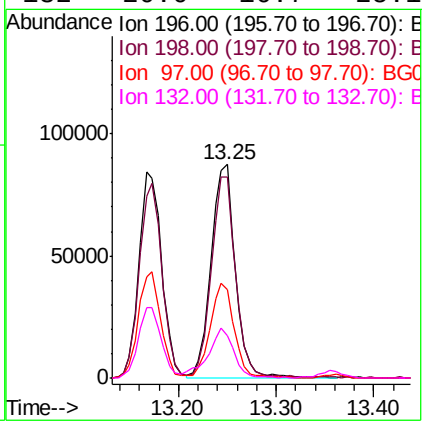


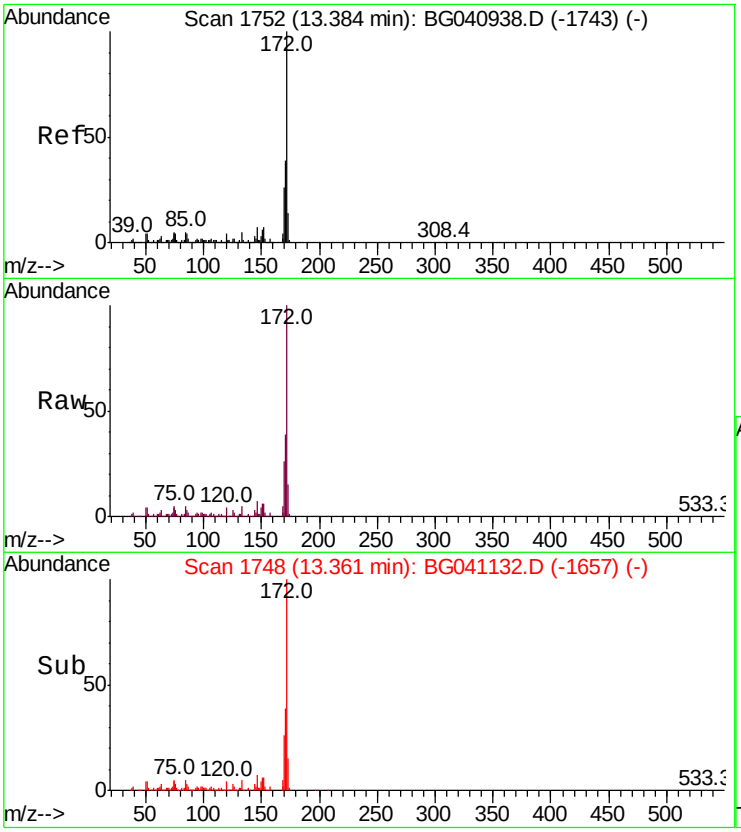




#44
2,4,5-Trichlorophenol
Concen: 44.437 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.01 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:196 Resp: 150460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 94.3 | 75.1 | 112.7 |
| 97 | 41.6 | 35.6 | 53.4 |
| 132 | 20.0 | 16.7 | 25.1 |



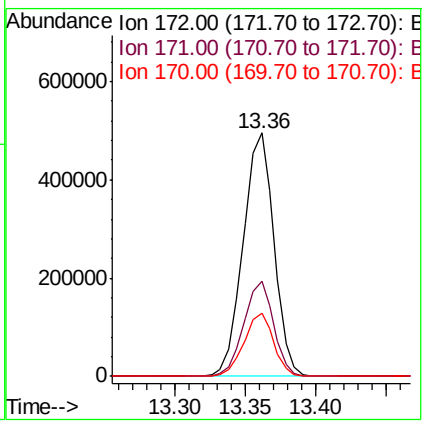


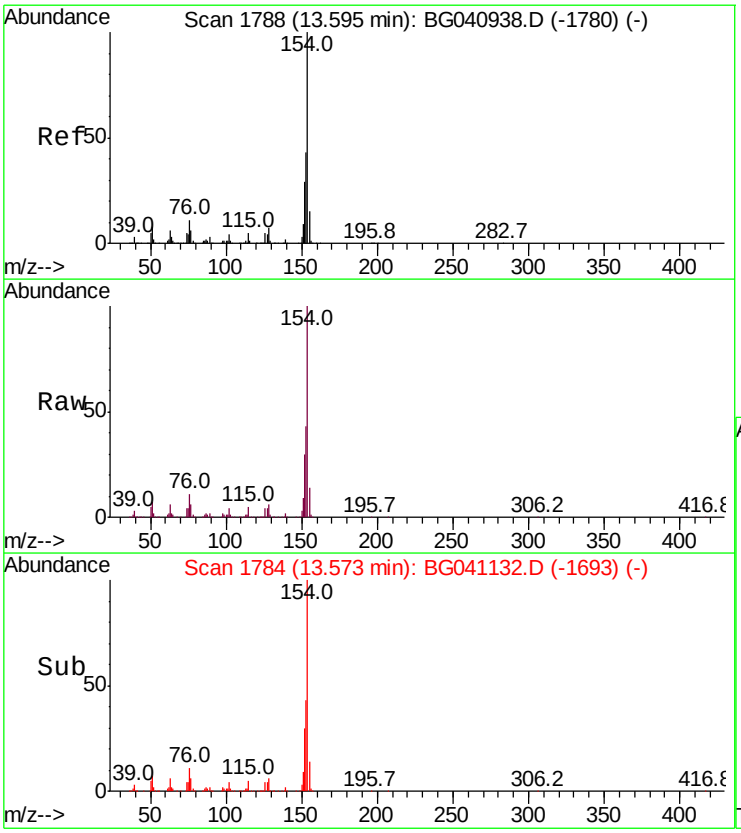

#45
2-Fluorobiphenyl
Concen: 88.913 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:172 Resp: 760217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.9 | 31.1 | 46.7 |
| 170 | 26.2 | 20.5 | 30.7 |

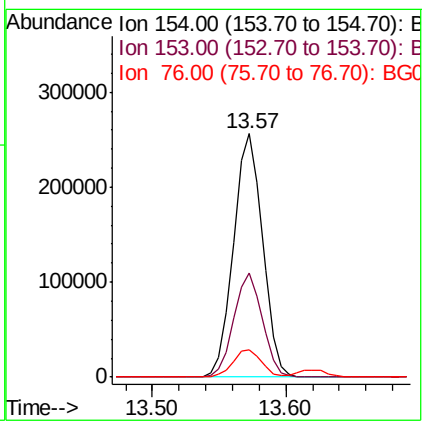


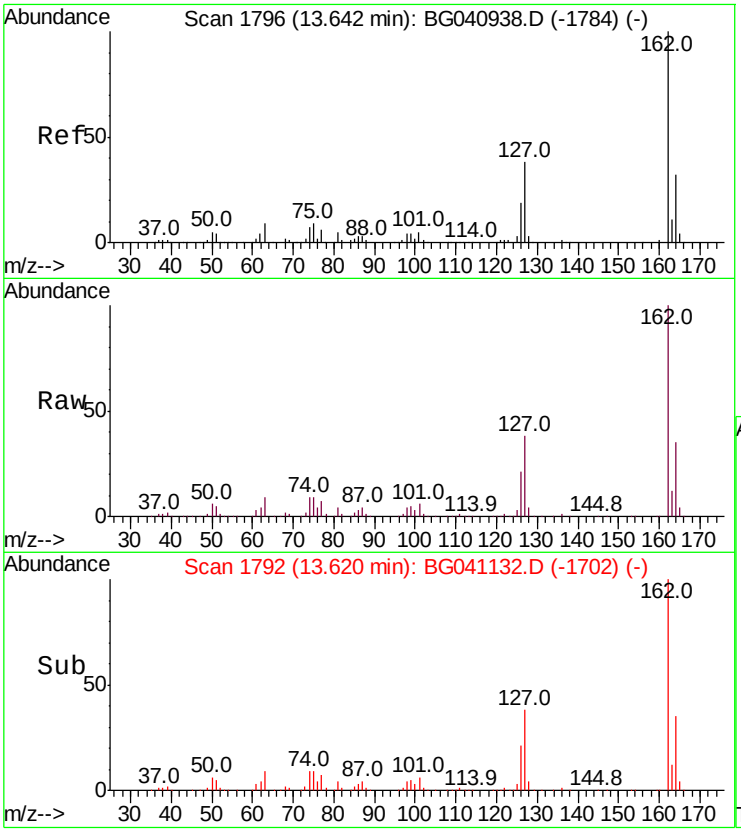




#46
1,1'-Biphenyl
Concen: 42.455 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:154 Resp: 386956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 42.7 | 23.3 | 63.3 |
| 76 | 11.1 | 0.0 | 31.1 |



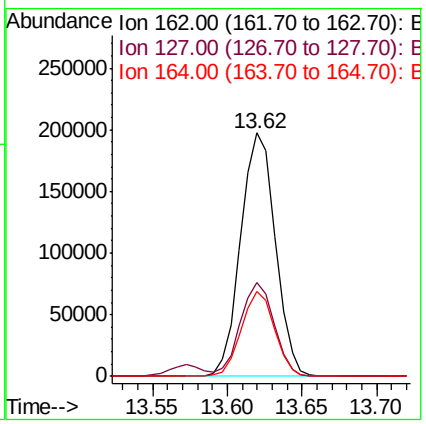


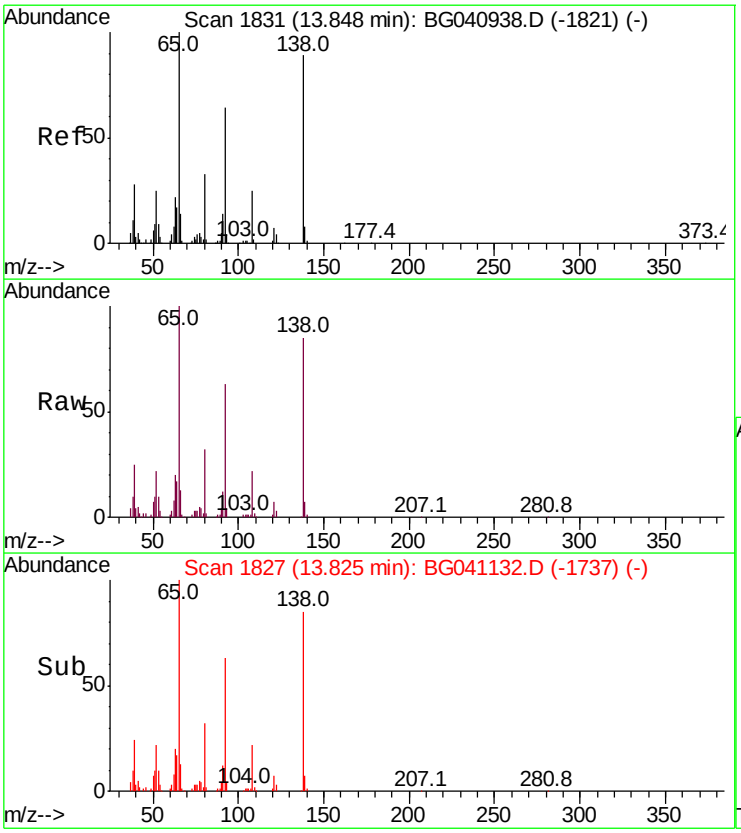

#47
2-Chloronaphthalene
Concen: 40.446 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:162 Resp: 316472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 38.5 | 30.5 | 45.7 |
| 164 | 34.7 | 25.8 | 38.6 |

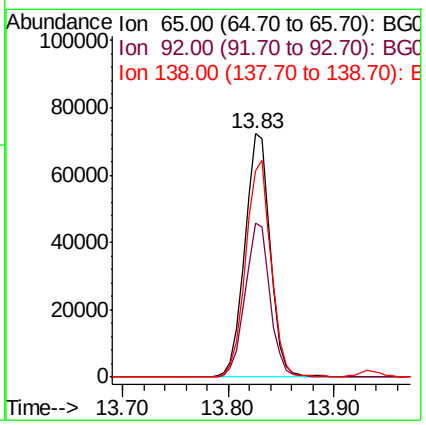


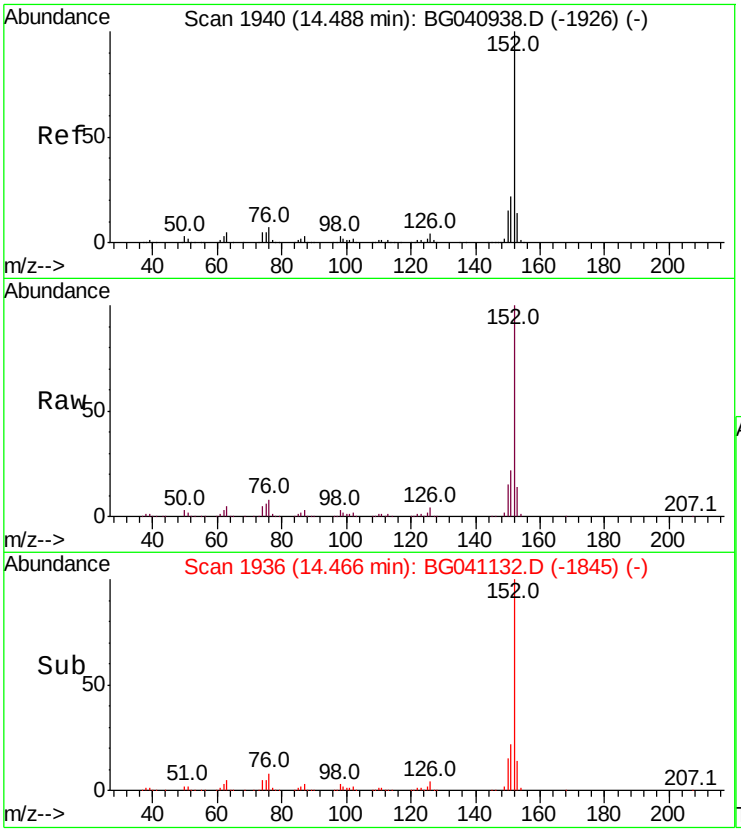




#48
2-Nitroaniline
Concen: 43.114 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion: 65 Resp: 121023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 63.5 | 51.0 | 76.6 |
| 138 | 84.7 | 71.2 | 106.8 |



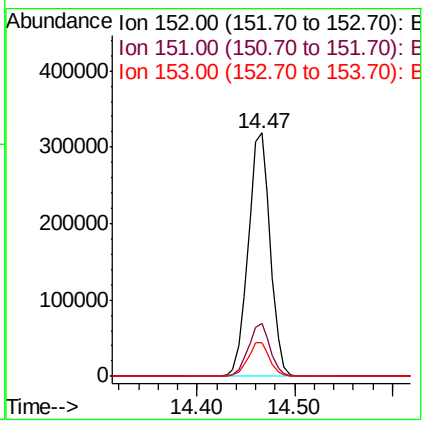


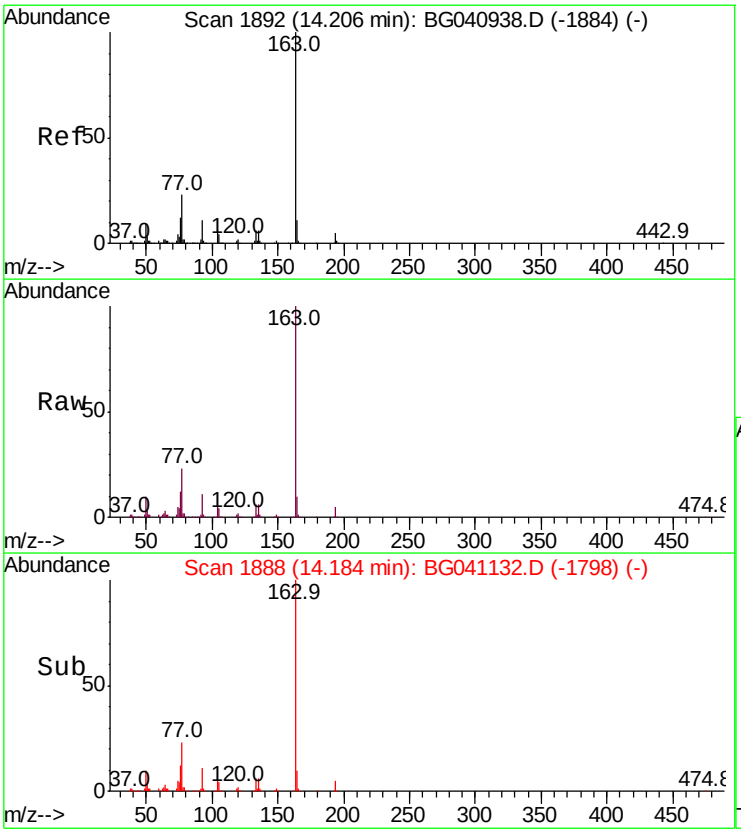

#49
Acenaphthylene
Concen: 42.768 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:152 Resp: 503659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.8 | 17.4 | 26.0 |
| 153 | 14.0 | 11.0 | 16.4 |

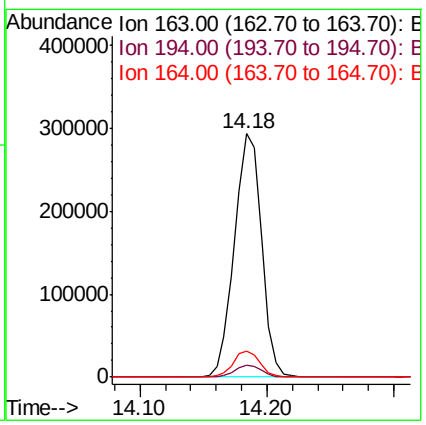


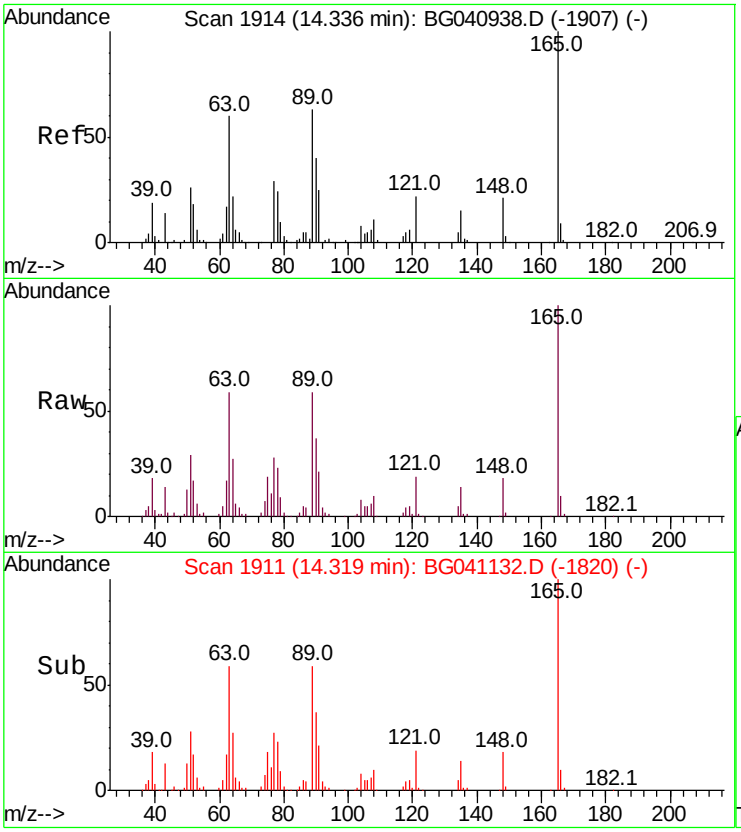




#50
Dimethylphthalate
Concen: 41.577 ng
RT: 14.18 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:163 Resp: 433364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.8 | 3.8 | 5.8 |
| 164 | 10.4 | 8.7 | 13.1 |



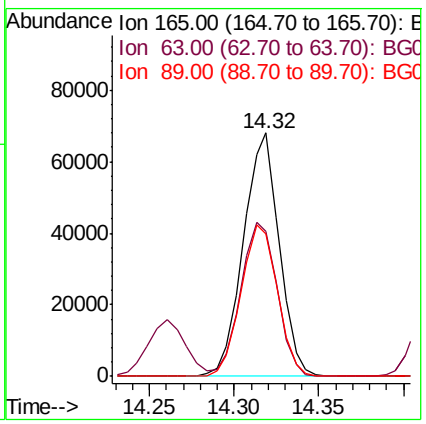


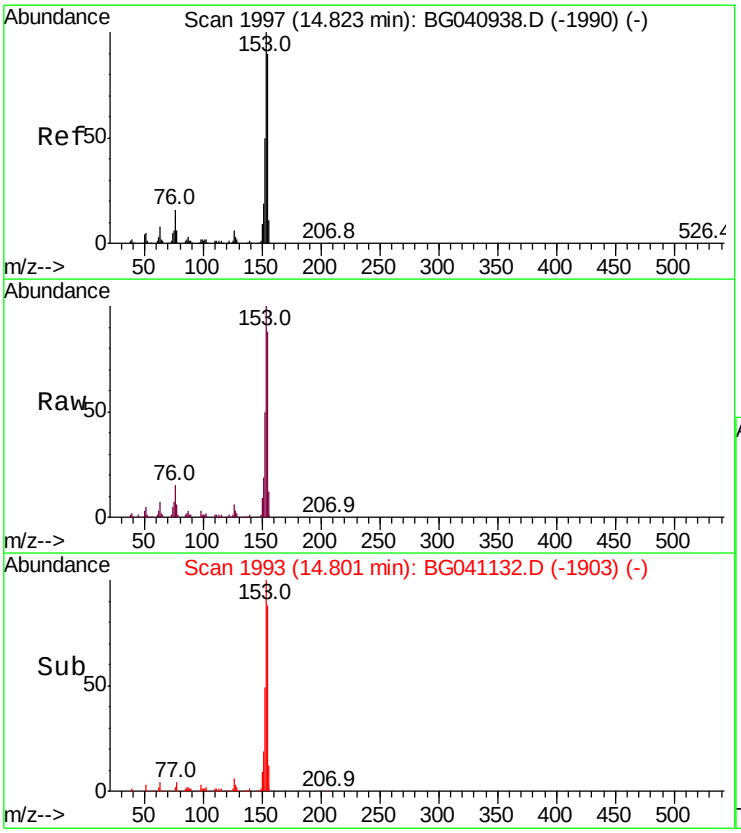

#51
2,6-Dinitrotoluene
Concen: 44.633 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:165 Resp: 100305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 59.3 | 53.6 | 80.4 |
| 89 | 58.6 | 50.4 | 75.6 |

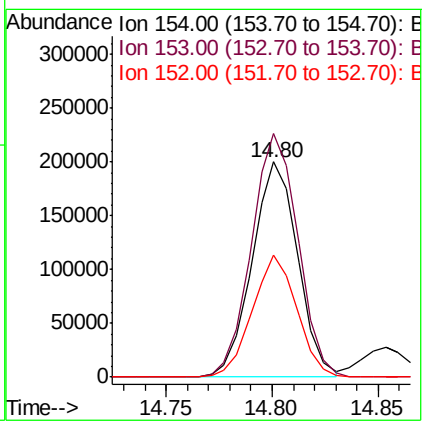


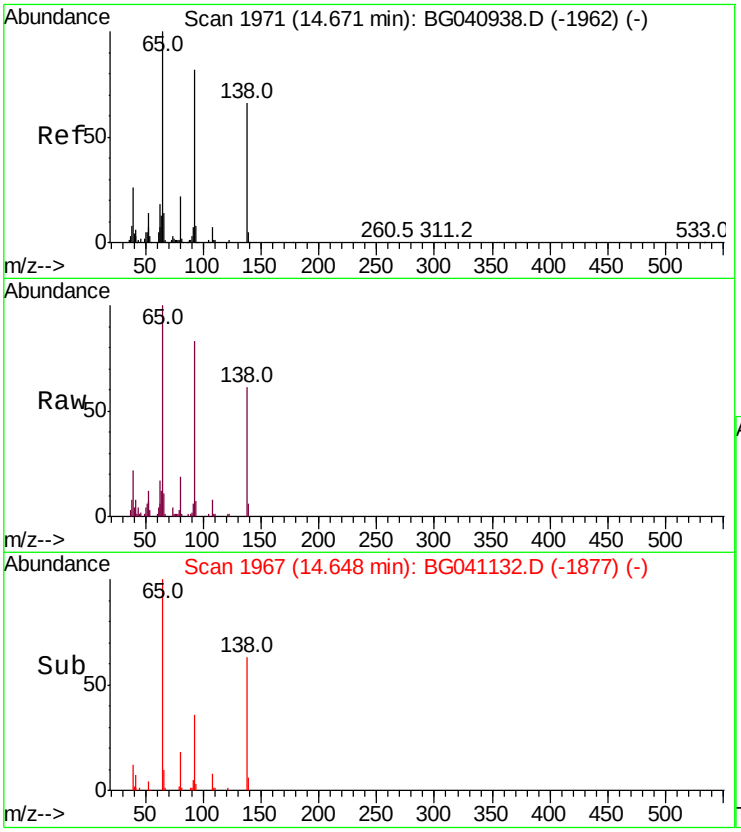




#52
Acenaphthene
Concen: 42.010 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:154 Resp: 299703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.2 | 88.6 | 133.0 |
| 152 | 56.6 | 44.2 | 66.4 |



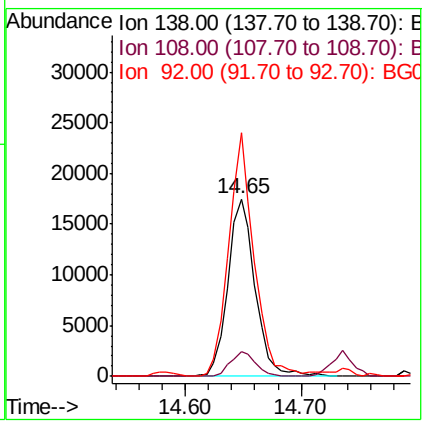


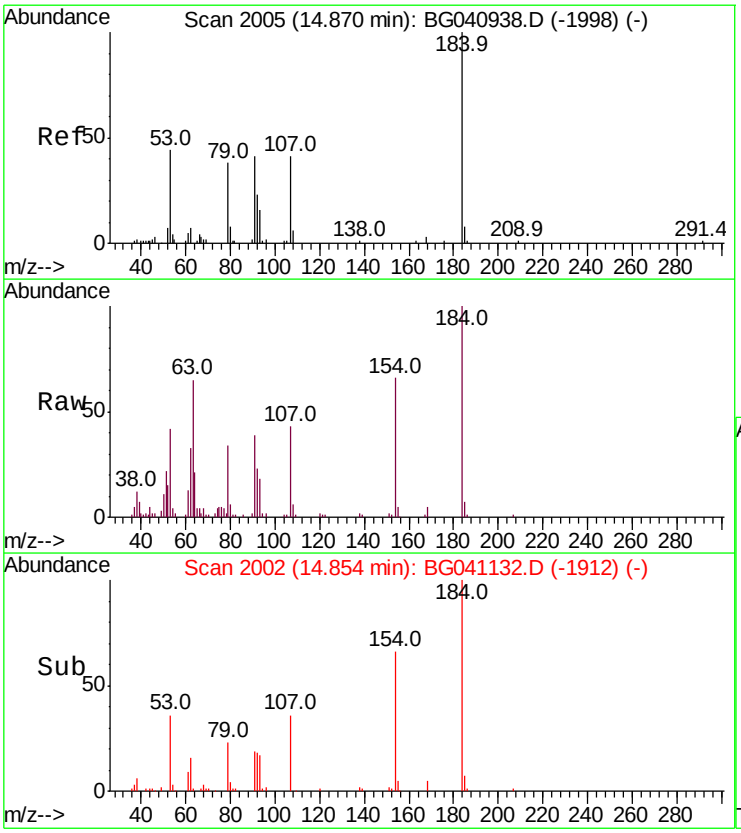

#53
3-Nitroaniline
Concen: 12.677 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:138 Resp: 28487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 13.9 | 8.5 | 12.7# |
| 92 | 137.2 | 99.0 | 148.6 |

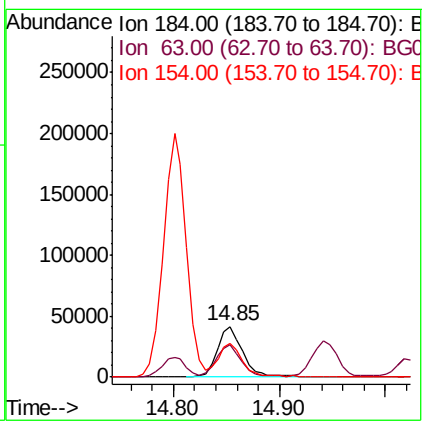


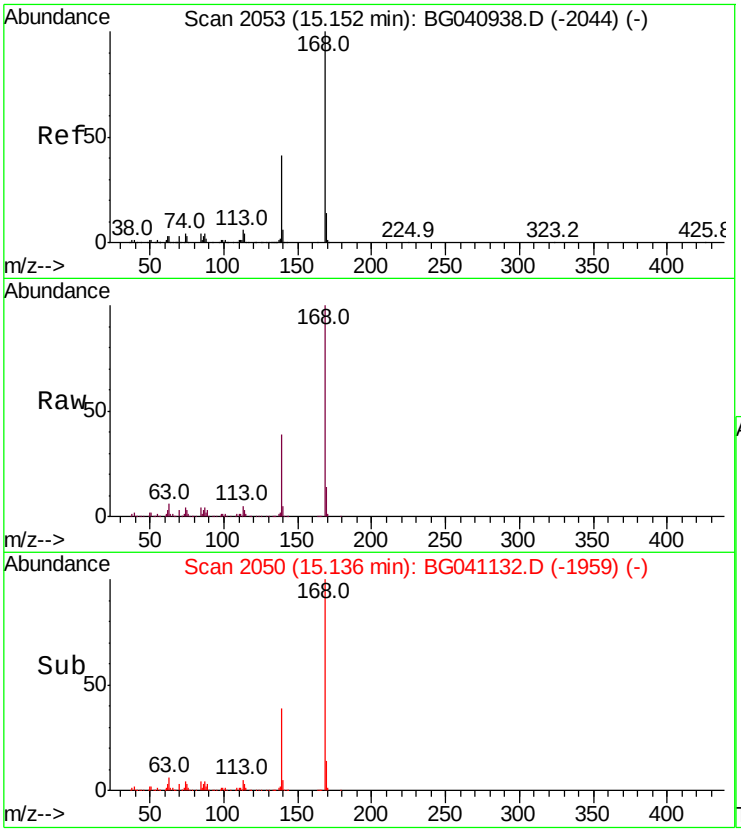




#54
2,4-Dinitrophenol
Concen: 65.159 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:184 Resp: 69783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 65.3 | 49.8 | 74.6 |
| 154 | 66.5 | 52.2 | 78.4 |



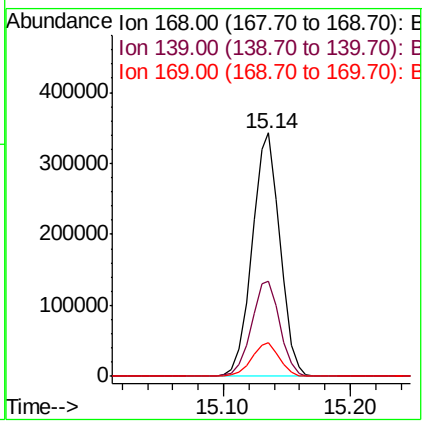


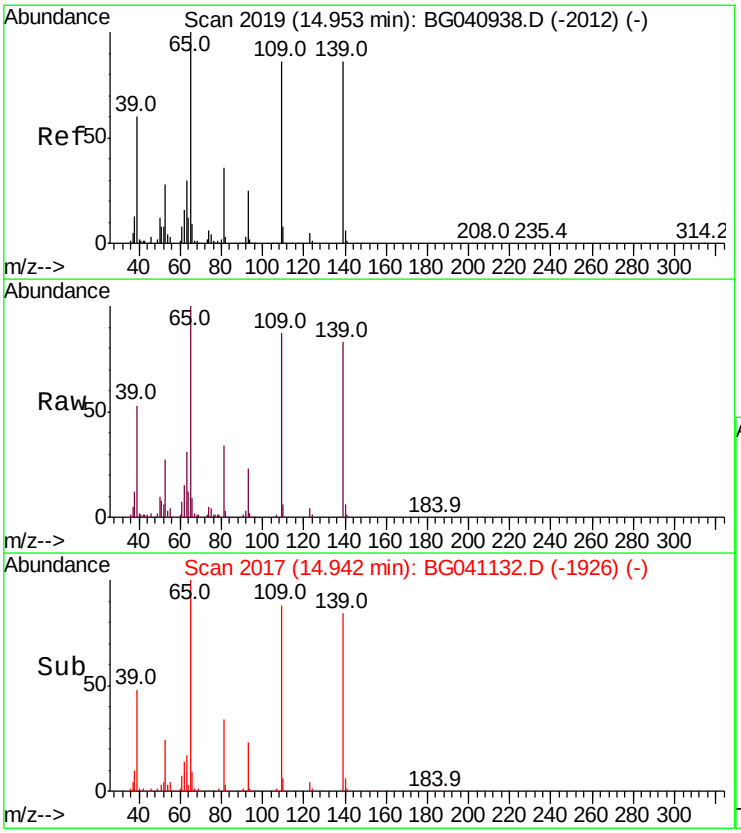

#55
Dibenzofuran
Concen: 43.608 ng
RT: 15.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:168 Resp: 523475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.3 | 32.8 | 49.2 |
| 169 | 14.0 | 11.3 | 16.9 |

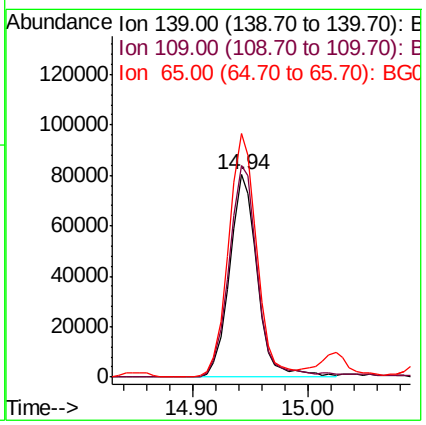


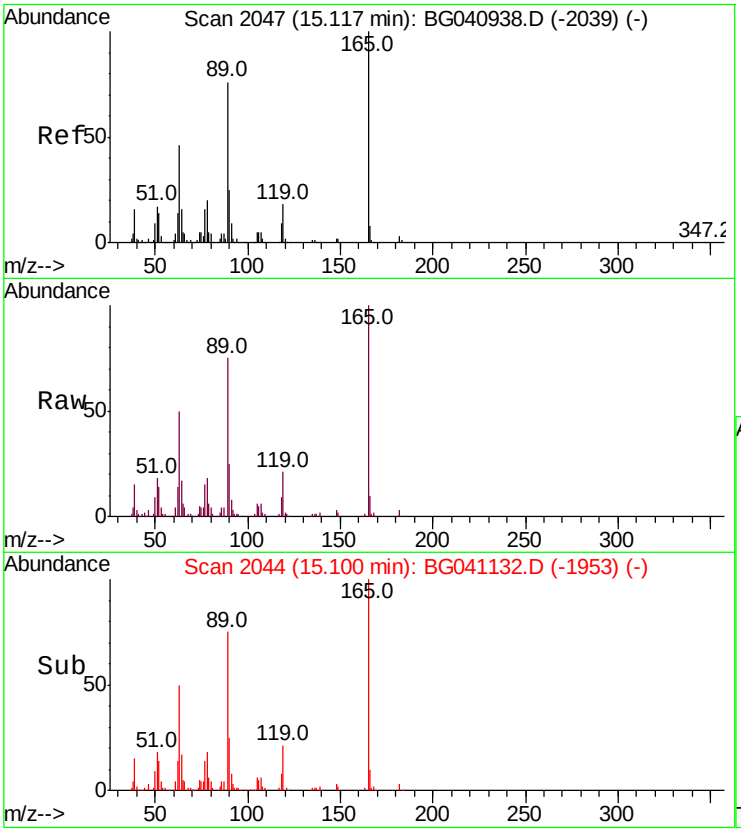




#56
4-Nitrophenol
Concen: 86.132 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:139 Resp: 132763

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 104.7 | 79.6 | 119.6 |
| 65 | 120.3 | 96.9 | 136.9 |



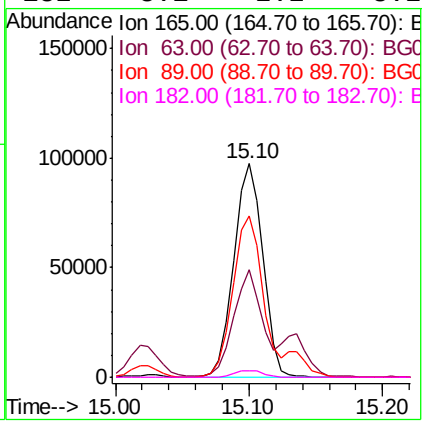


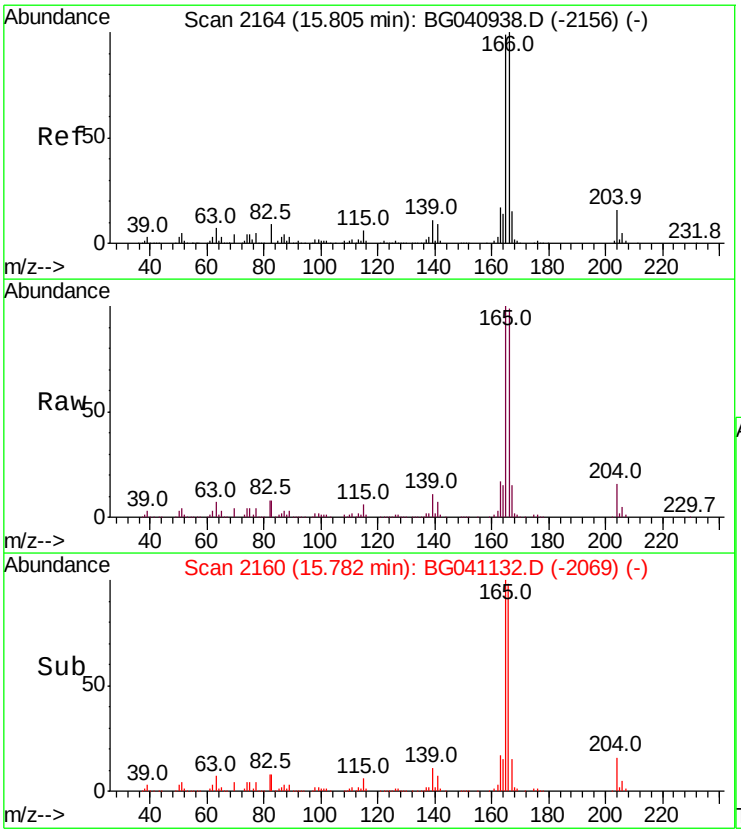

#57
2,4-Dinitrotoluene
Concen: 46.206 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:165 Resp: 146680

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 50.2 | 37.3 | 55.9 |
| 89 | 75.3 | 61.0 | 91.6 |
| 182 | 3.1 | 2.2 | 3.2 |

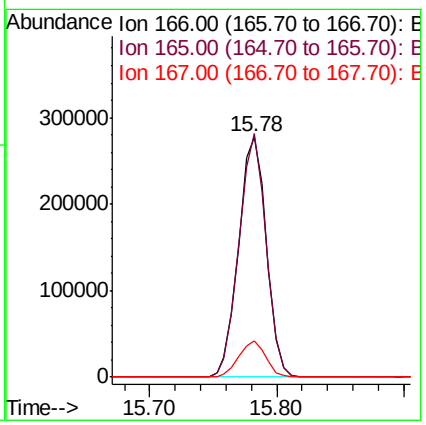


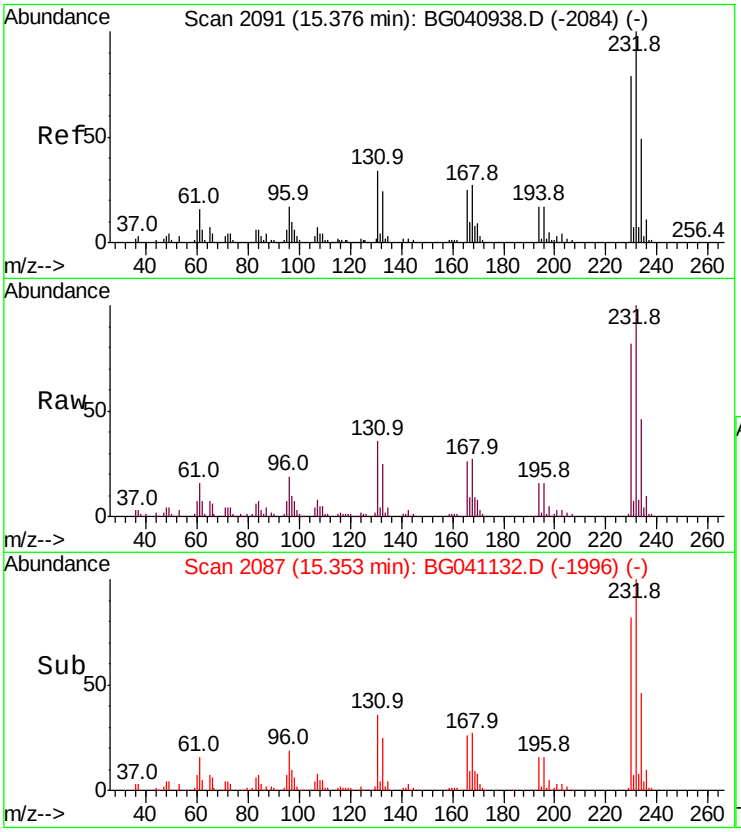




#58
Fluorene
Concen: 43.941 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:166 Resp: 420075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.5 | 79.2 | 118.8 |
| 167 | 14.9 | 11.8 | 17.6 |



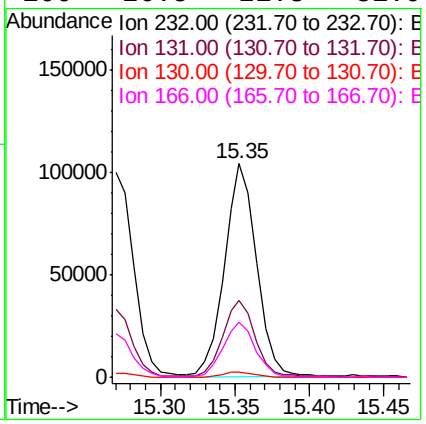


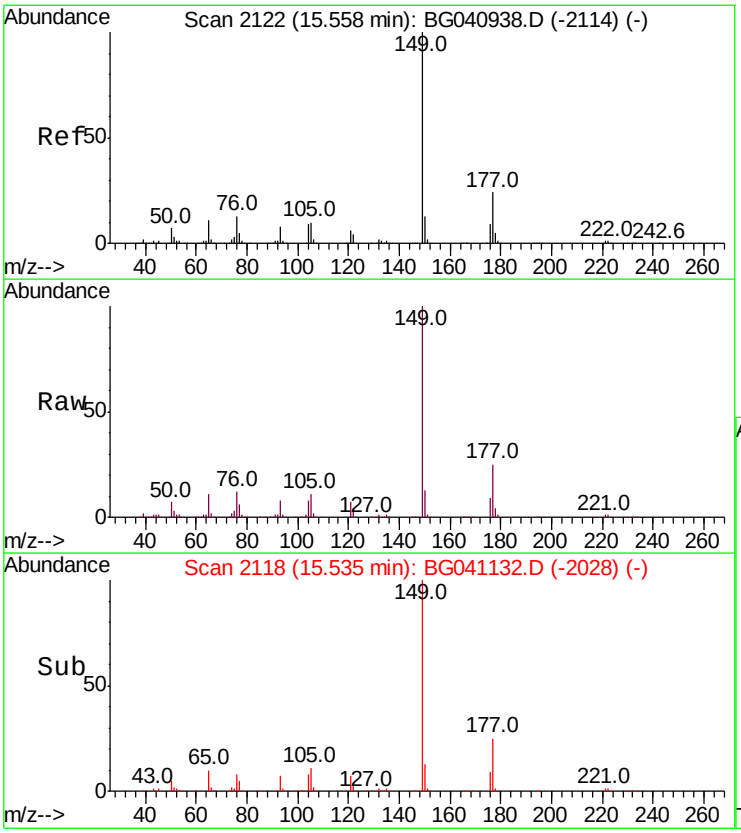

#59
2,3,4,6-Tetrachlorophenol
Concen: 46.656 ng
RT: 15.35 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:232 Resp: 155249

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 37.1 | 30.3 | 45.5 |
| 130 | 2.3 | 1.8 | 2.8 |
| 166 | 26.5 | 21.3 | 31.9 |

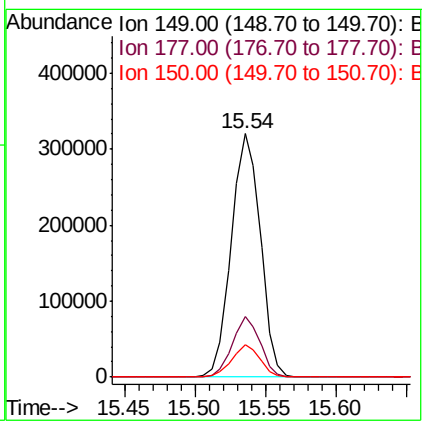


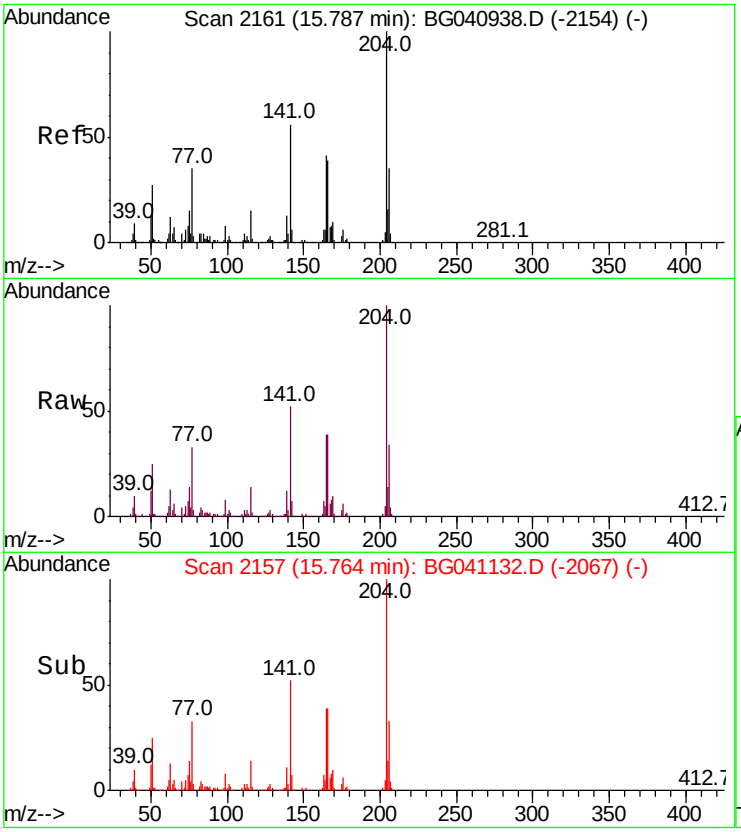




#60
Diethylphthalate
Concen: 43.165 ng
RT: 15.54 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:149 Resp: 459154

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 24.8 | 19.4 | 29.0 |
| 150 | 13.4 | 10.3 | 15.5 |



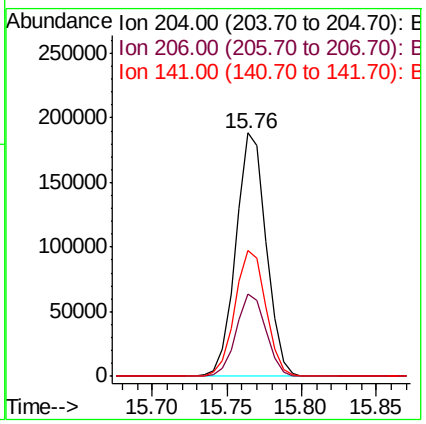


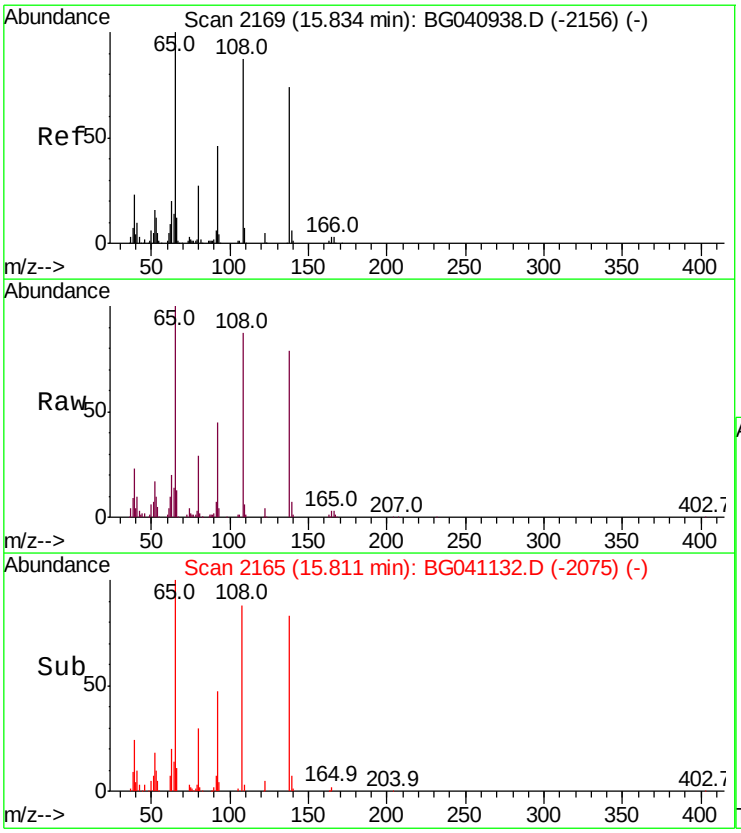

#61
4-Chlorophenyl-phenylether
Concen: 42.574 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:204 Resp: 264544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 33.6 | 27.6 | 41.4 |
| 141 | 51.9 | 45.1 | 67.7 |

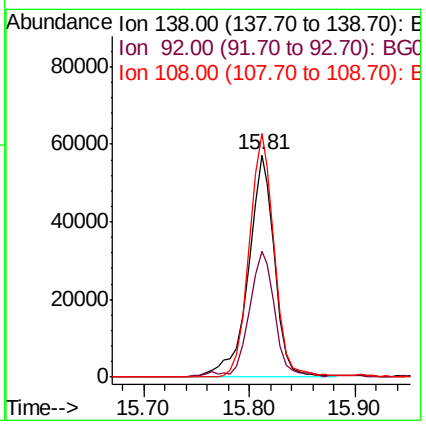


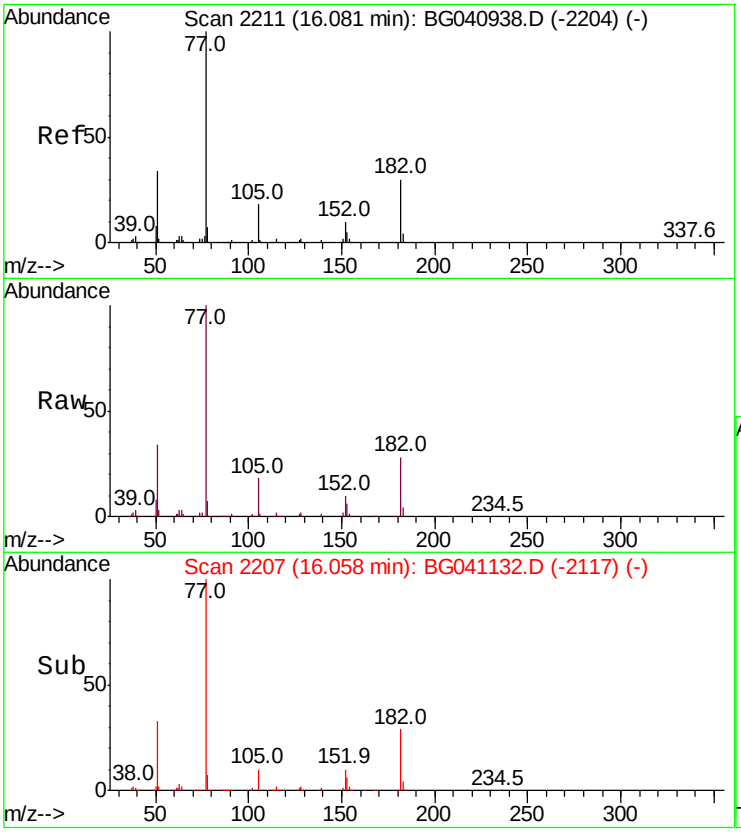




#62
4-Nitroaniline
Concen: 41.690 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:138 Resp: 99184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 56.9 | 42.4 | 82.4 |
| 108 | 109.6 | 96.9 | 136.9 |



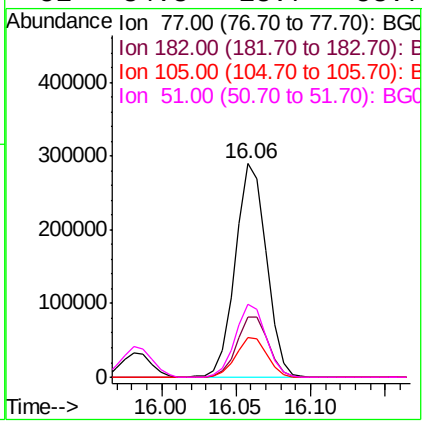


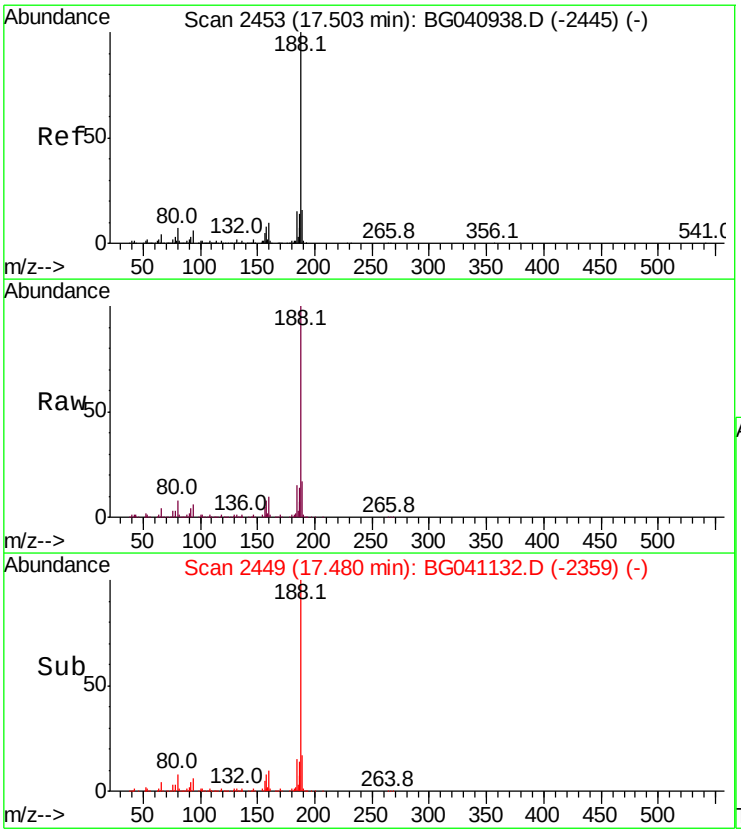

#63
Azobenzene
Concen: 43.447 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion: 77 Resp: 420042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 28.0 | 9.6 | 49.6 |
| 105 | 18.4 | 0.0 | 37.5 |
| 51 | 34.3 | 13.7 | 53.7 |

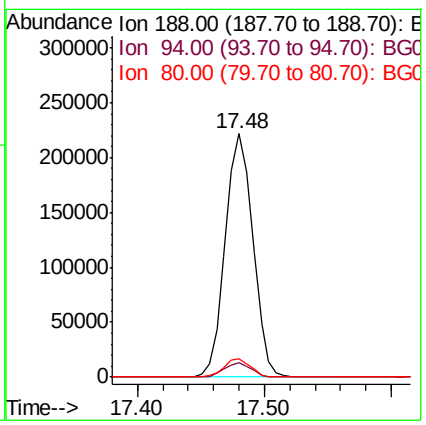


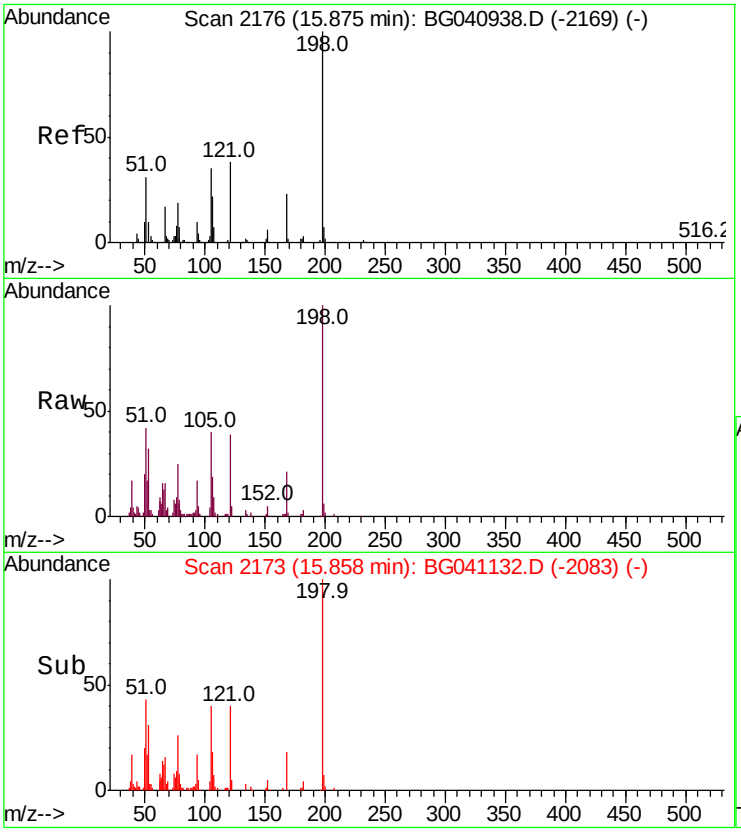




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:188 Resp: 334544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.7 | 4.7 | 7.1 |
| 80 | 7.5 | 5.8 | 8.8 |



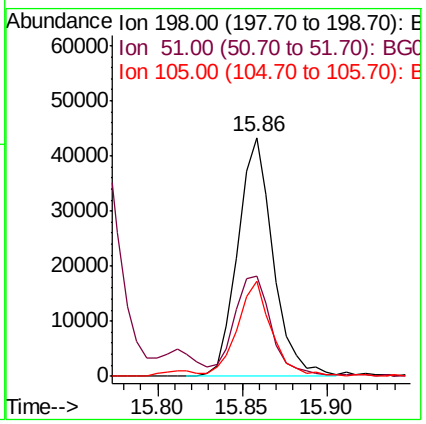


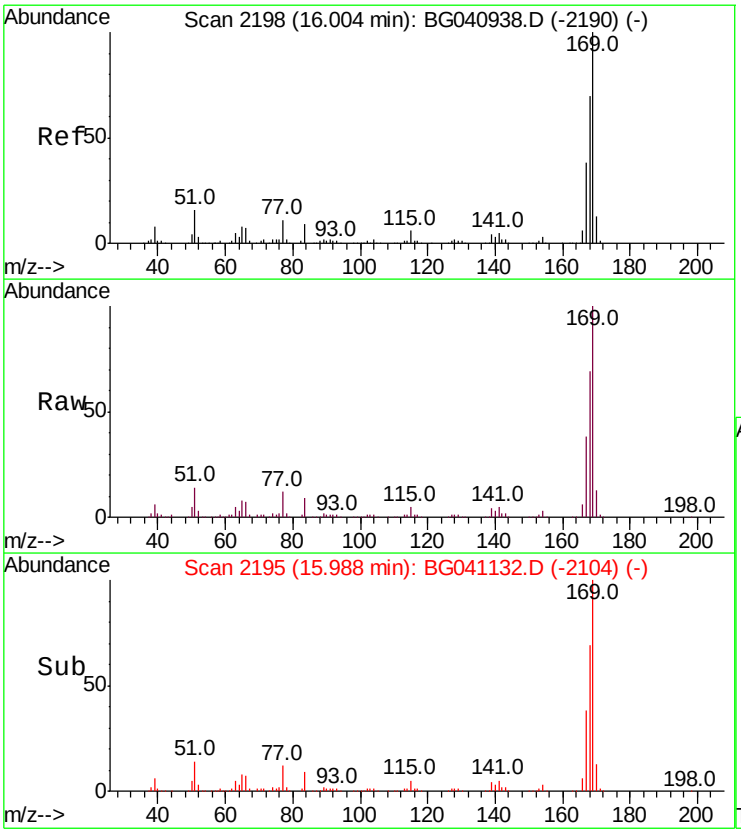

#65
4,6-Dinitro-2-methylphenol
Concen: 37.523 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:198 Resp: 63173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.2 | 21.6 | 61.6 |
| 105 | 39.7 | 17.5 | 57.5 |

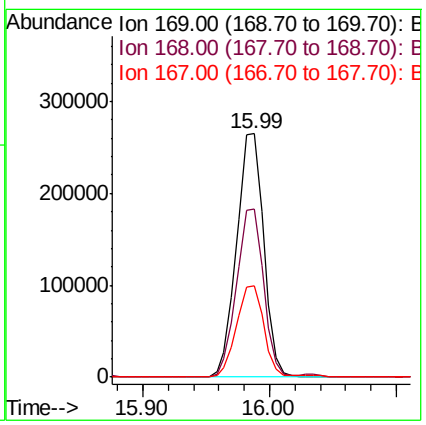


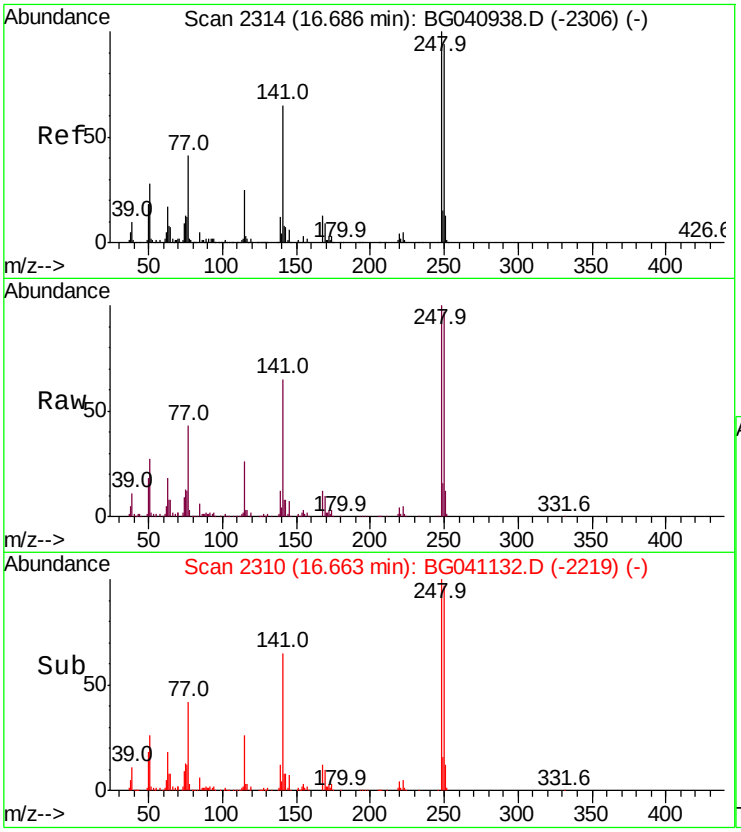




#66
n-Nitrosodiphenylamine
Concen: 41.666 ng
RT: 15.99 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:169 Resp: 391843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 68.8 | 55.7 | 83.5 |
| 167 | 37.7 | 30.2 | 45.2 |



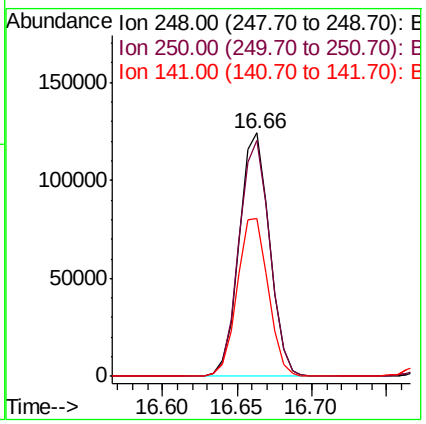


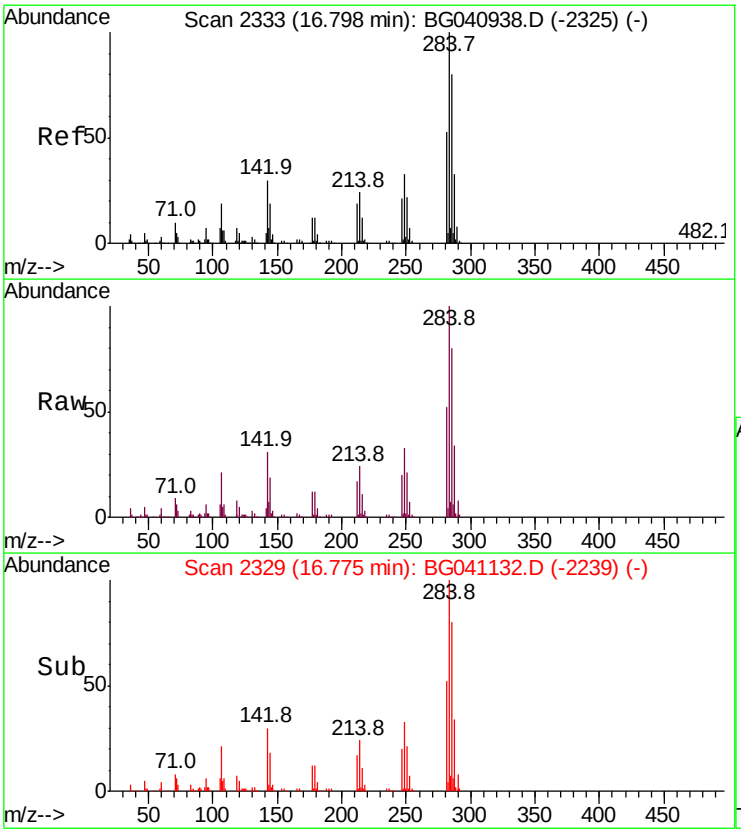

#67
4-Bromophenyl-phenylether
Concen: 38.681 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:248 Resp: 174637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.7 | 75.0 | 112.4 |
| 141 | 65.1 | 52.4 | 78.6 |

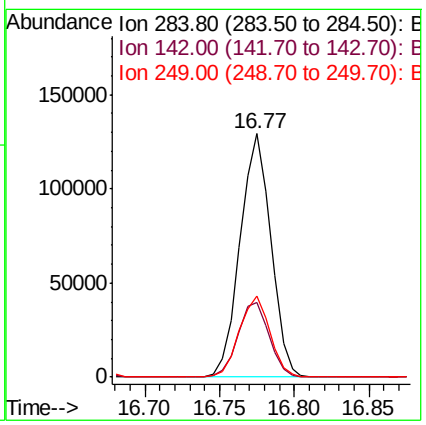


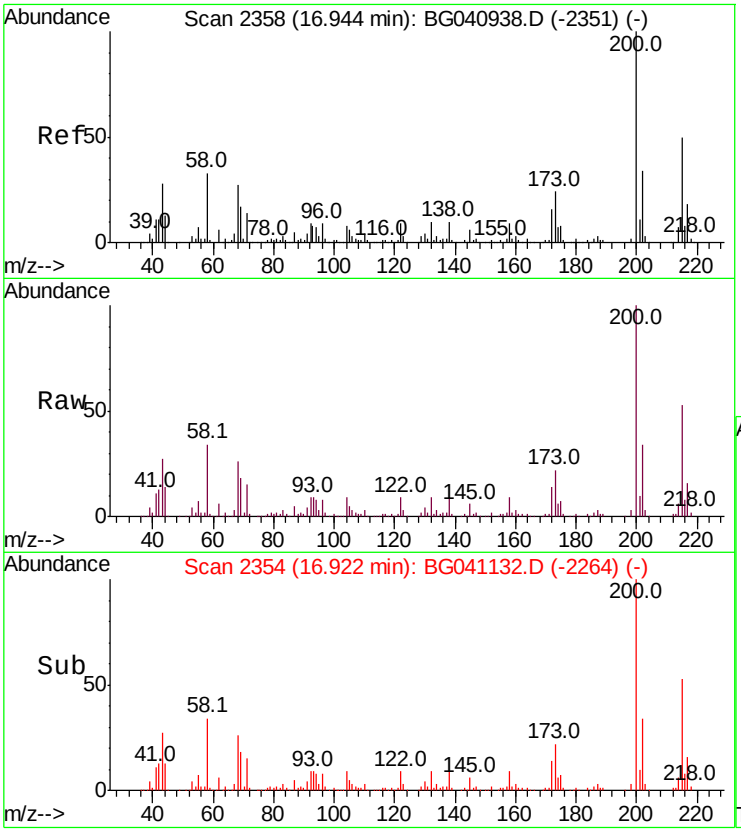




#68
Hexachlorobenzene
Concen: 38.394 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:284 Resp: 184582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.6 | 23.9 | 35.9 |
| 249 | 33.2 | 26.8 | 40.2 |



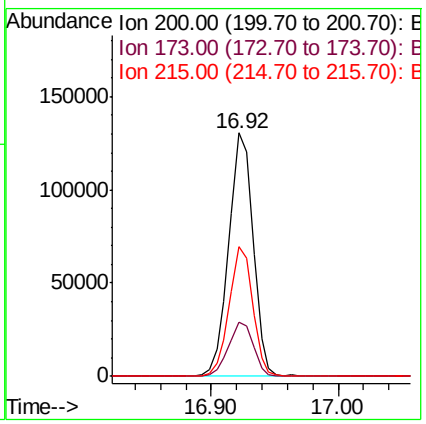


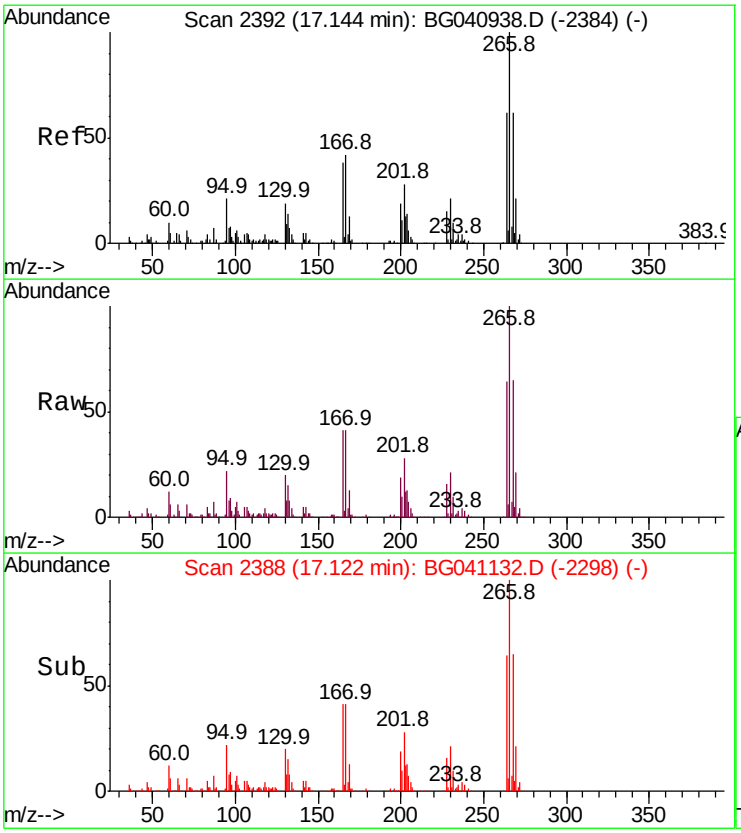

#69
Atrazine
Concen: 47.612 ng
RT: 16.92 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:200 Resp: 172773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 22.1 | 3.6 | 43.6 |
| 215 | 53.2 | 29.6 | 69.6 |

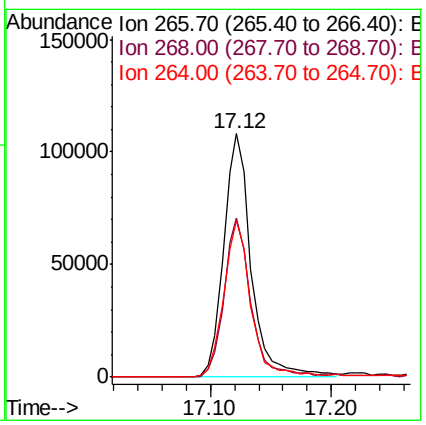


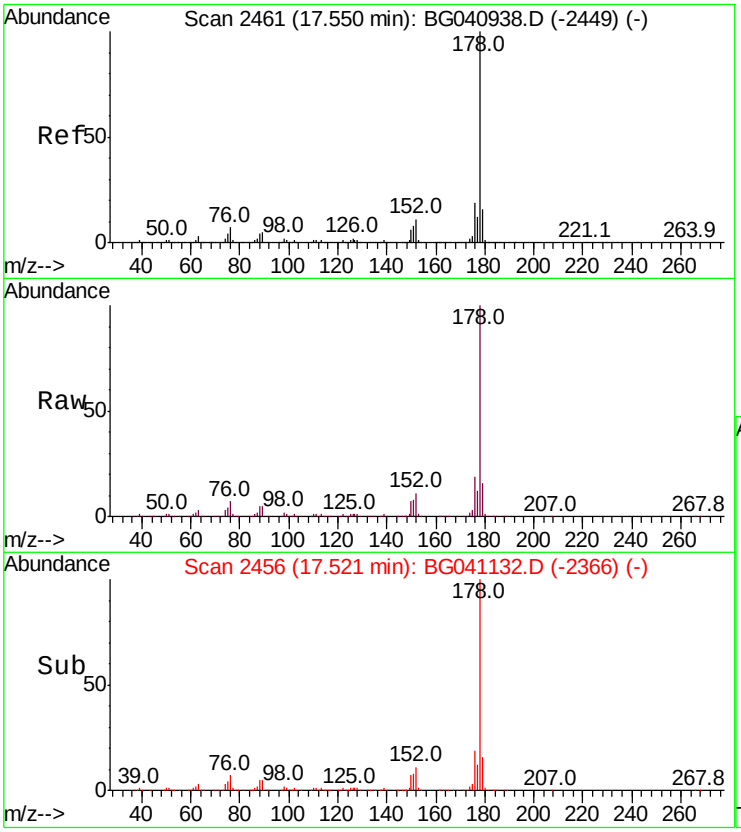




#70
Pentachlorophenol
Concen: 67.229 ng
RT: 17.12 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:266 Resp: 171294

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 65.2 | 53.1 | 79.7 |
| 264 | 64.2 | 49.9 | 74.9 |



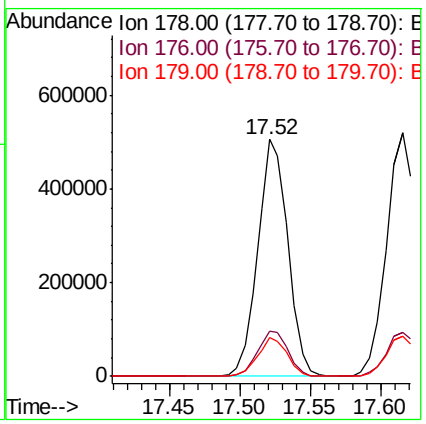


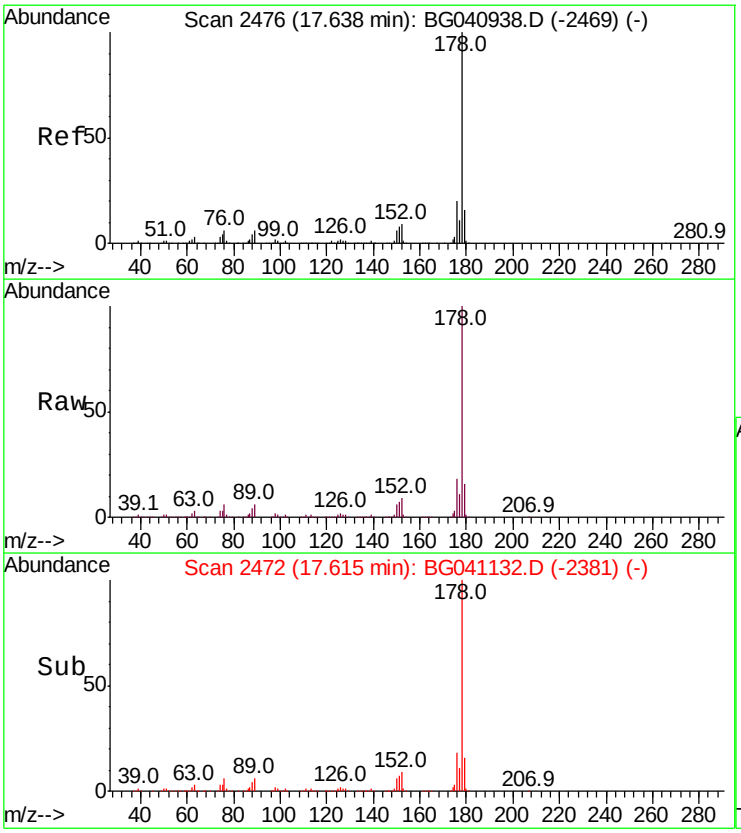

#71
Phenanthrene
Concen: 43.287 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:178 Resp: 754312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.5 | 23.3 |
| 179 | 16.2 | 12.7 | 19.1 |

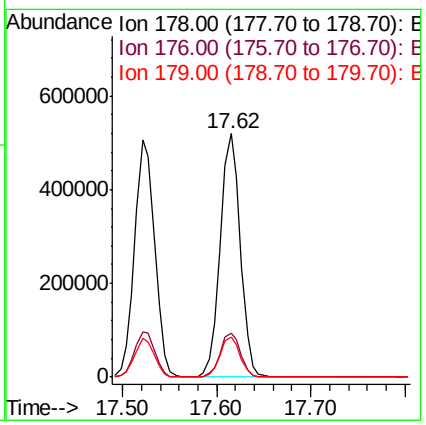


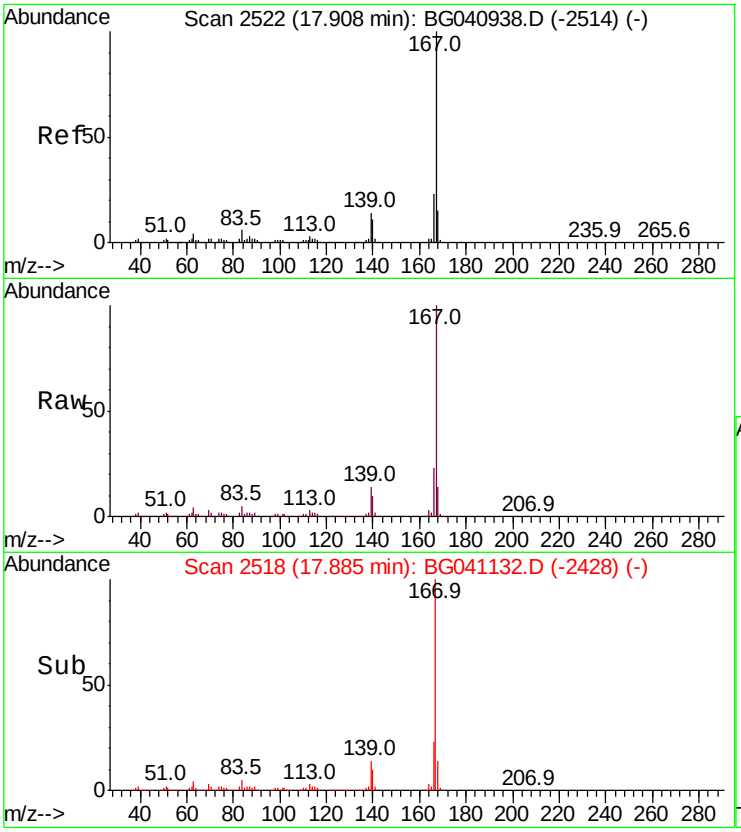




#72
Anthracene
Concen: 44.988 ng
RT: 17.62 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:178 Resp: 773189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 15.6 | 23.4 |
| 179 | 16.4 | 13.0 | 19.4 |



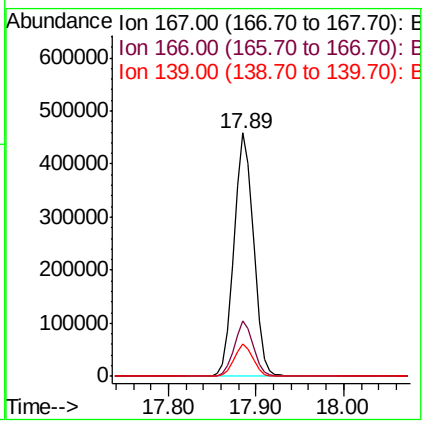


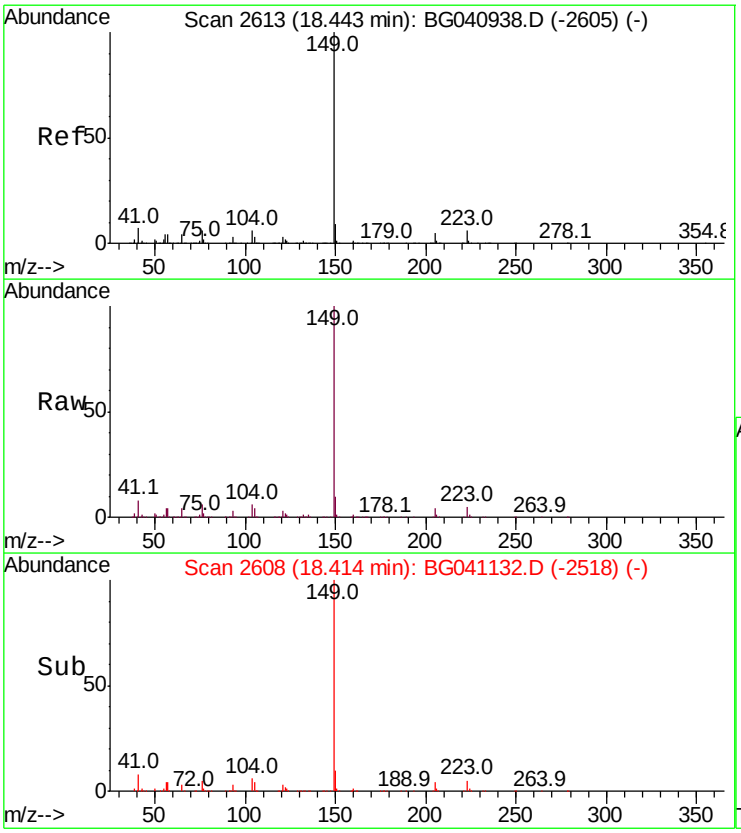

#73
Carbazole
Concen: 46.564 ng
RT: 17.89 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:167 Resp: 686666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.9 | 18.2 | 27.4 |
| 139 | 13.5 | 10.8 | 16.2 |

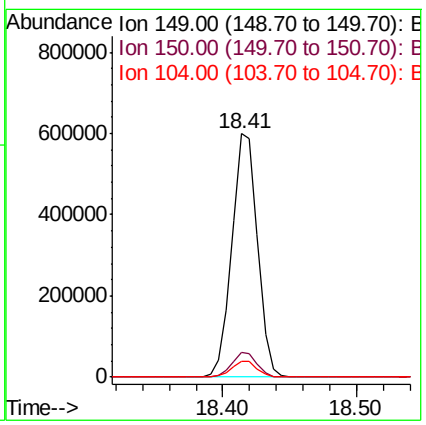


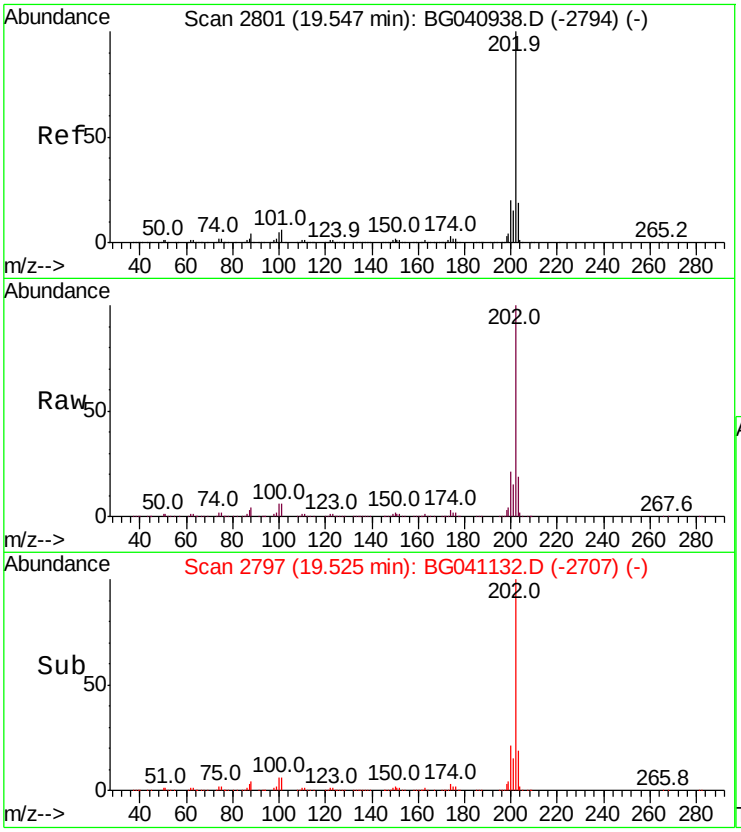




#74
Di-n-butylphthalate
Concen: 43.729 ng
RT: 18.41 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:149 Resp: 801491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 10.1 | 7.4 | 11.2 |
| 104 | 6.5 | 5.0 | 7.4 |



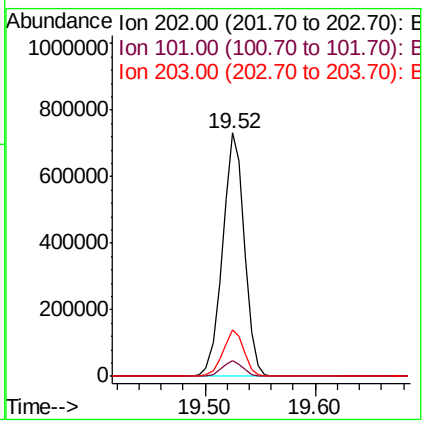


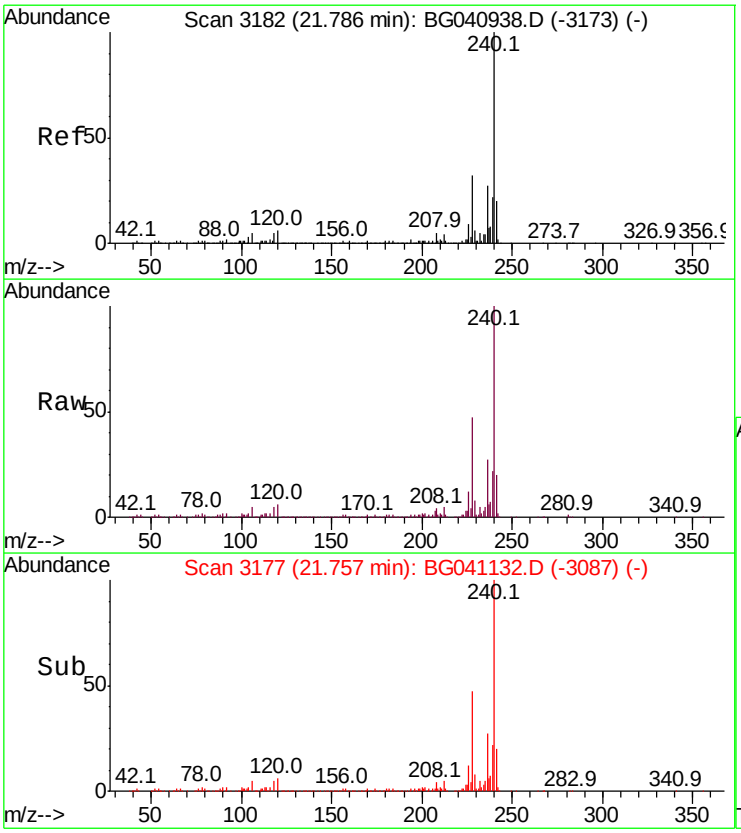

#75
Fluoranthene
Concen: 46.738 ng
RT: 19.52 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:202 Resp: 1005975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 6.3 | 0.0 | 26.2 |
| 203 | 18.9 | 0.0 | 38.7 |

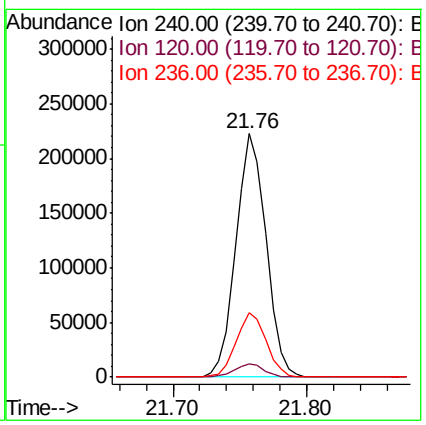


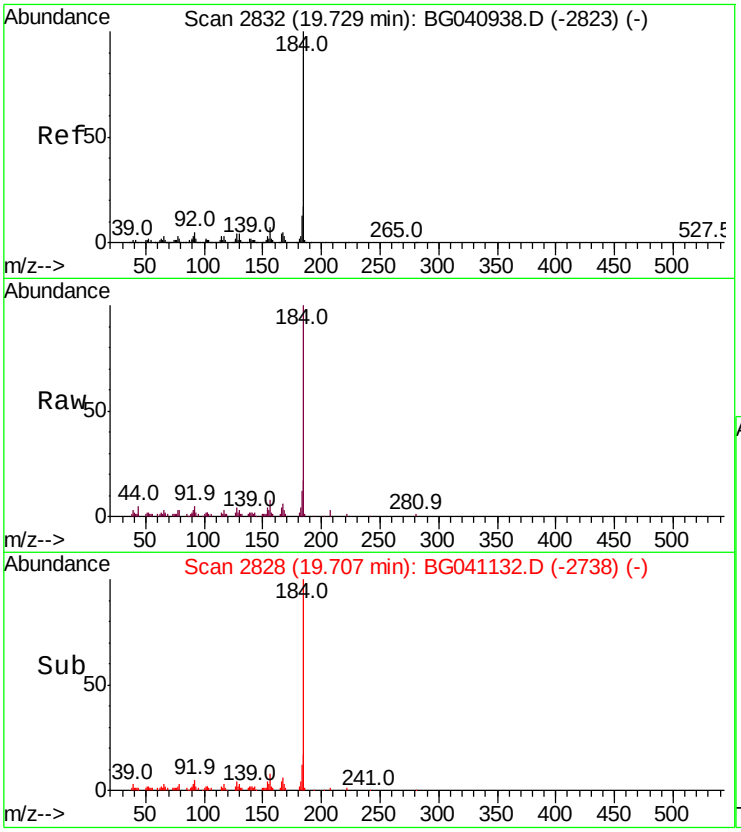




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:240 Resp: 347000

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.6 | 4.5 | 6.7 |
| 236 | 26.7 | 21.3 | 31.9 |



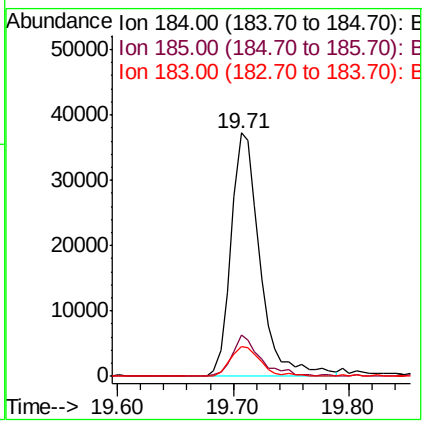


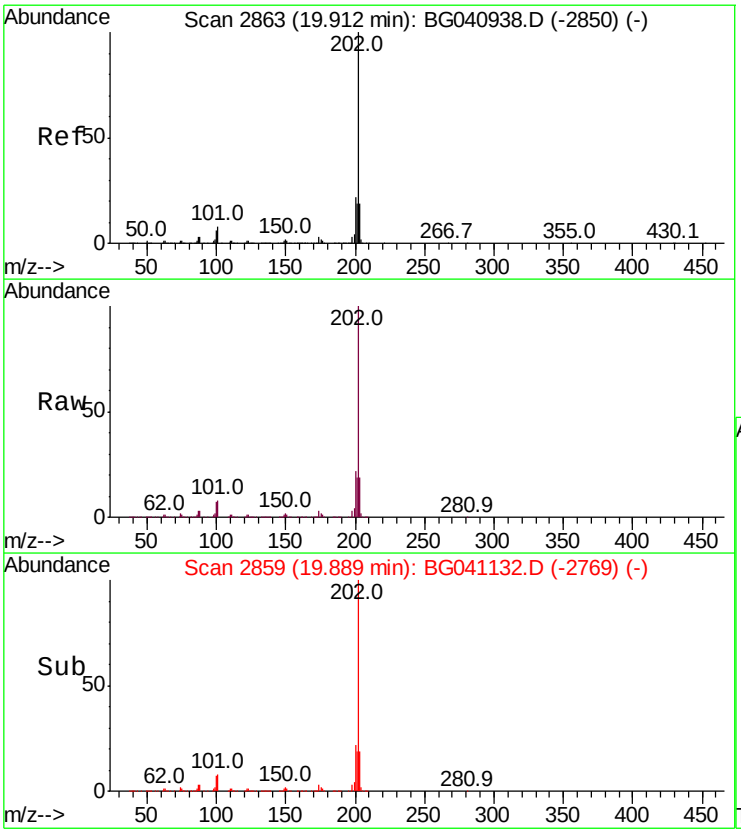

#77
Benzidine
Concen: 7.842 ng
RT: 19.71 min Scan# 2828
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:184 Resp: 64918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.1 | 13.3 | 19.9 |
| 183 | 12.0 | 10.7 | 16.1 |

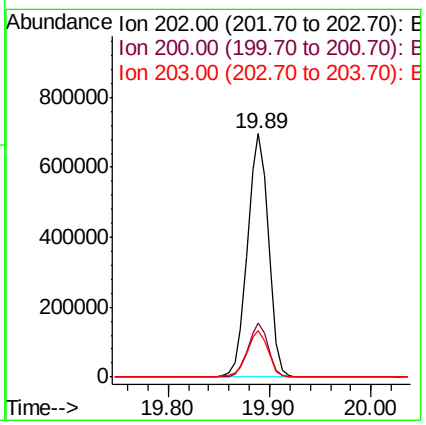


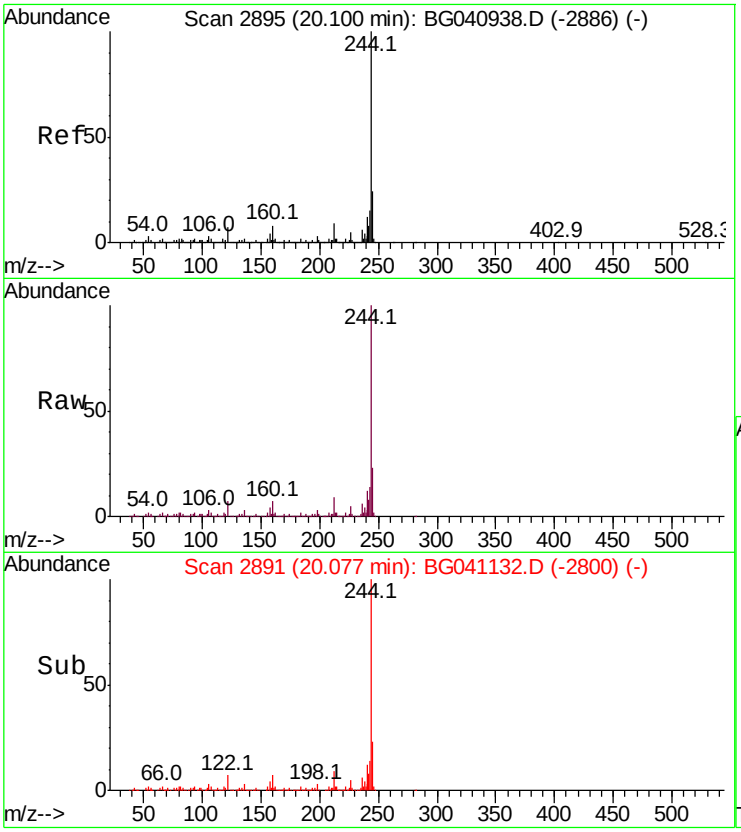




#78
Pyrene
Concen: 44.231 ng
RT: 19.89 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:202 Resp: 997723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.2 | 17.5 | 26.3 |
| 203 | 19.2 | 15.6 | 23.4 |



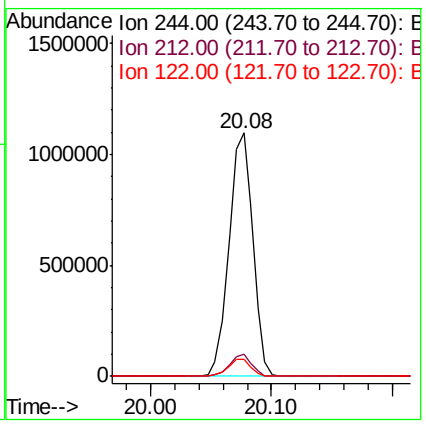


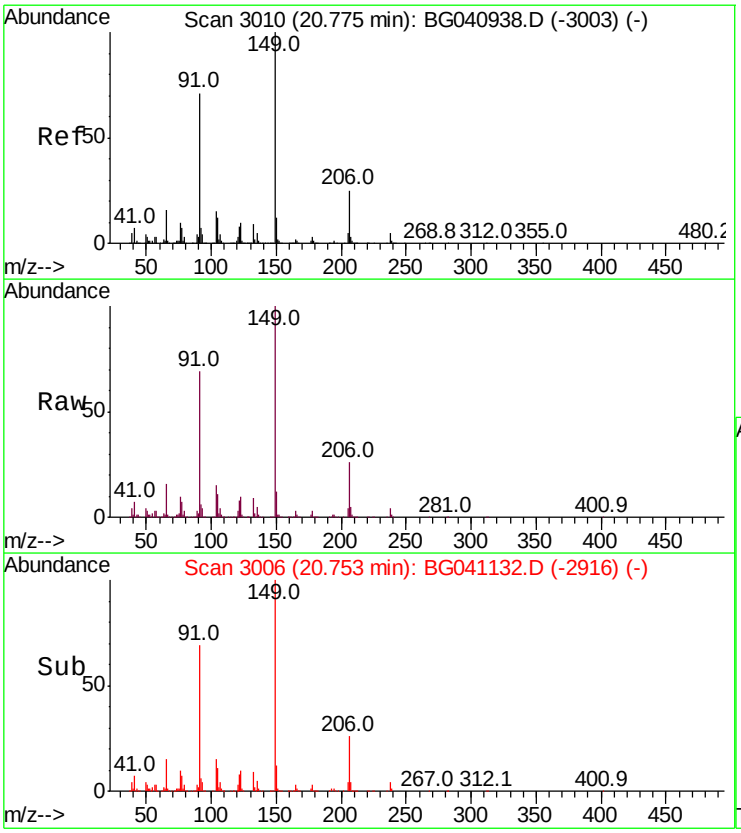

#79
Terphenyl-d14
Concen: 91.750 ng
RT: 20.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:244 Resp: 1500105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.9 | 7.0 | 10.4 |
| 122 | 6.9 | 5.4 | 8.0 |

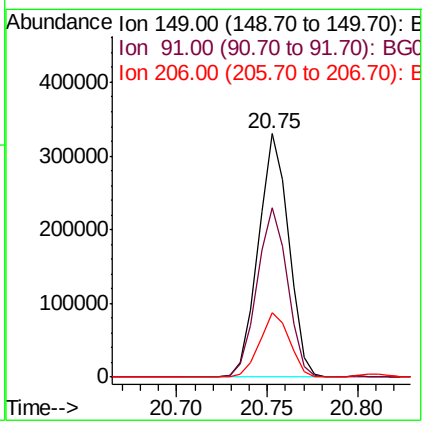


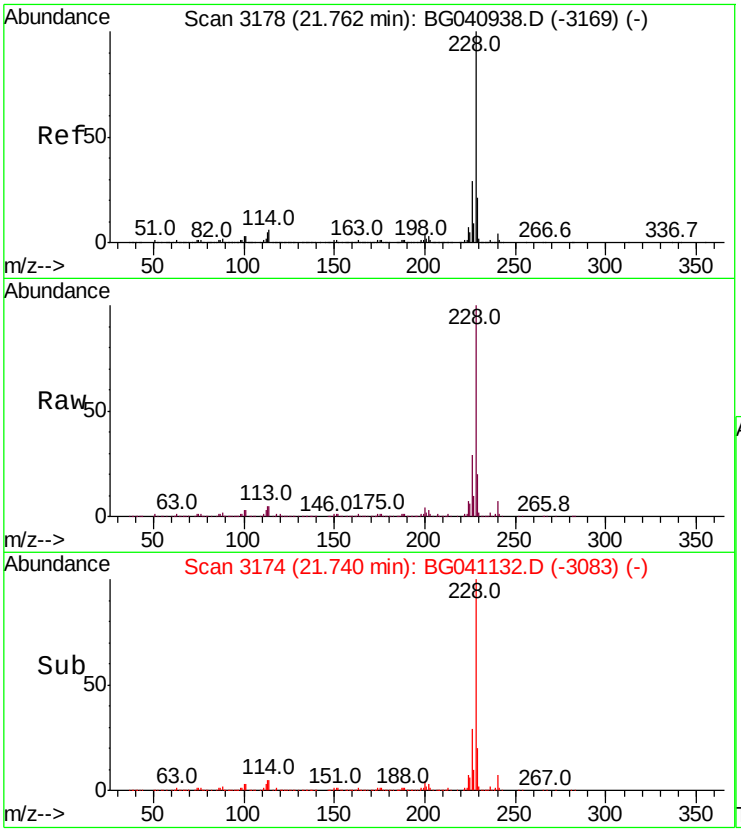




#80
Butylbenzylphthalate
Concen: 43.771 ng
RT: 20.75 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:149 Resp: 384237

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.4 | 56.5 | 84.7 |
| 206 | 26.4 | 20.3 | 30.5 |



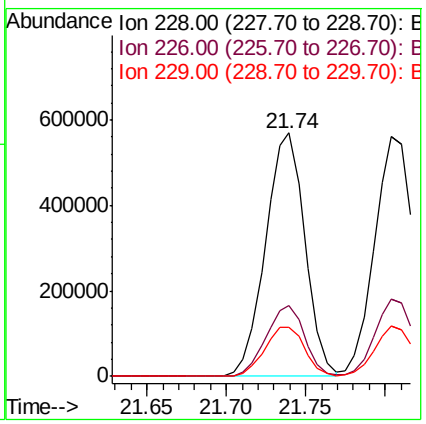


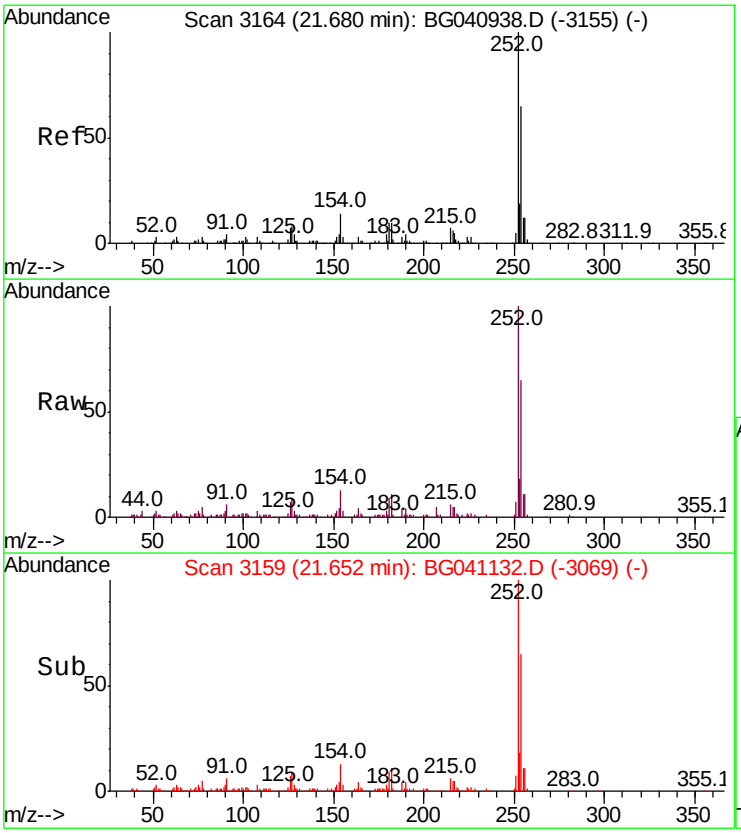

#81
Benzo(a)anthracene
Concen: 42.421 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:228 Resp: 979860

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.2 | 23.5 | 35.3 |
| 229 | 20.4 | 16.7 | 25.1 |

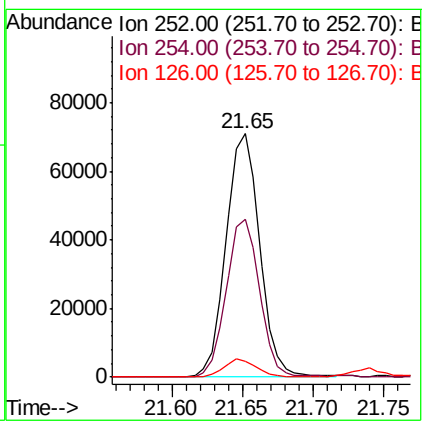


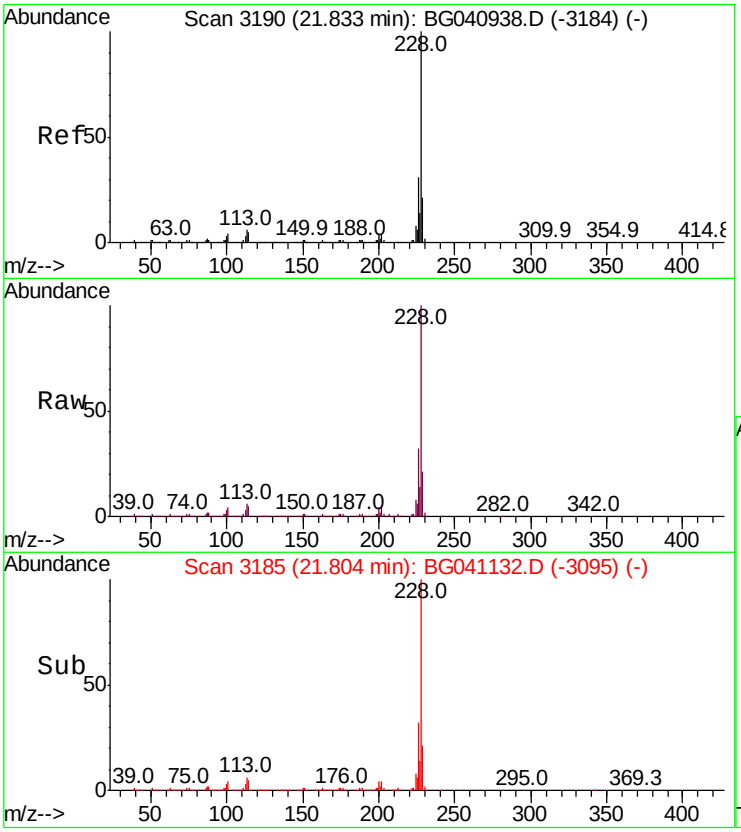




#82
3,3'-Dichlorobenzidine
Concen: 14.514 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:252 Resp: 117914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 65.0 | 52.1 | 78.1 |
| 126 | 6.5 | 5.5 | 8.3 |



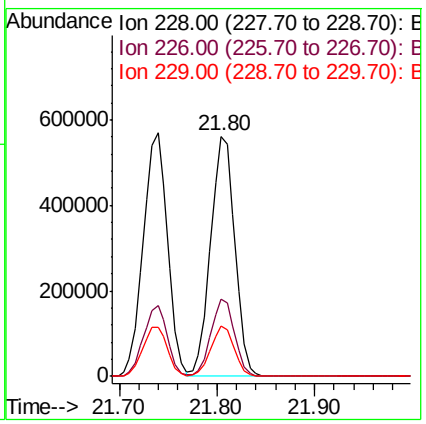


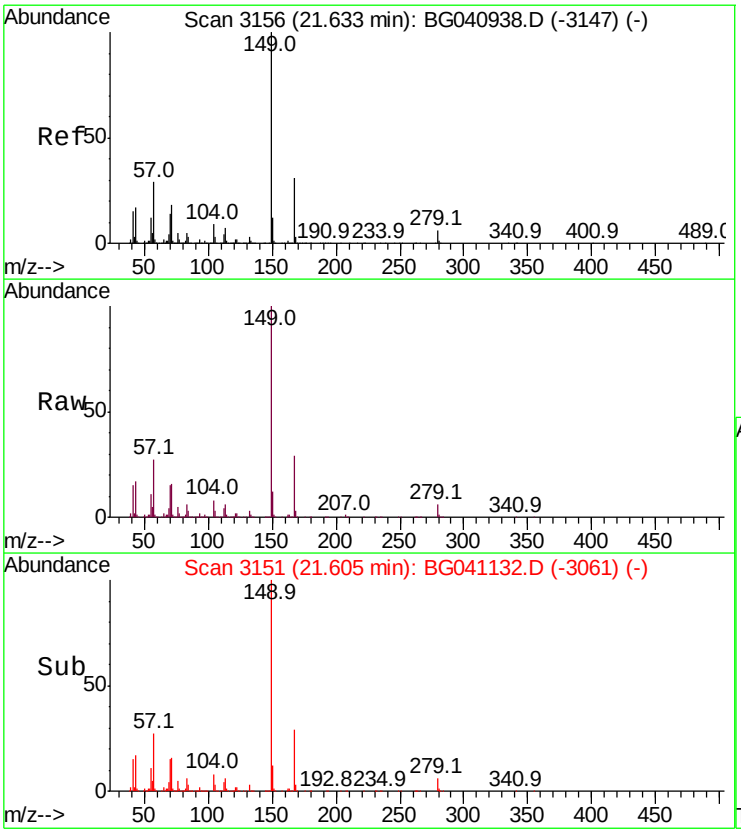

#83
Chrysene
Concen: 43.728 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:228 Resp: 966567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.1 | 24.6 | 37.0 |
| 229 | 20.9 | 16.6 | 24.8 |

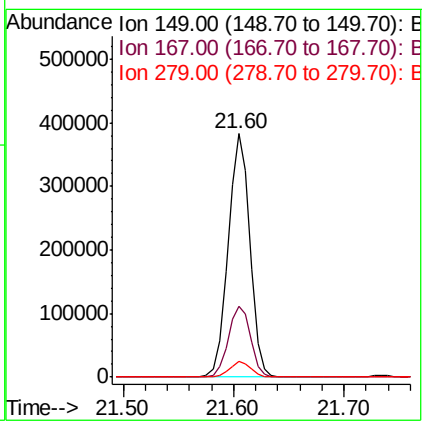


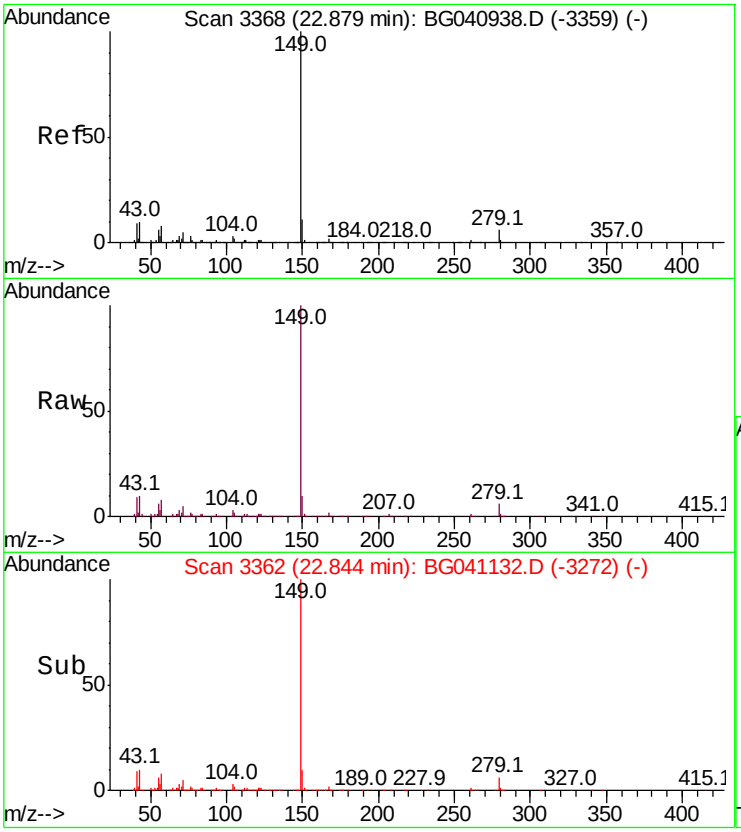




#84
Bis(2-ethylhexyl)phthalate
Concen: 42.559 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:149 Resp: 525924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 29.0 | 24.6 | 37.0 |
| 279 | 6.3 | 5.0 | 7.6 |



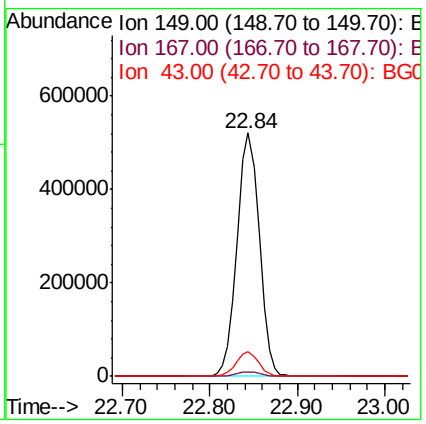


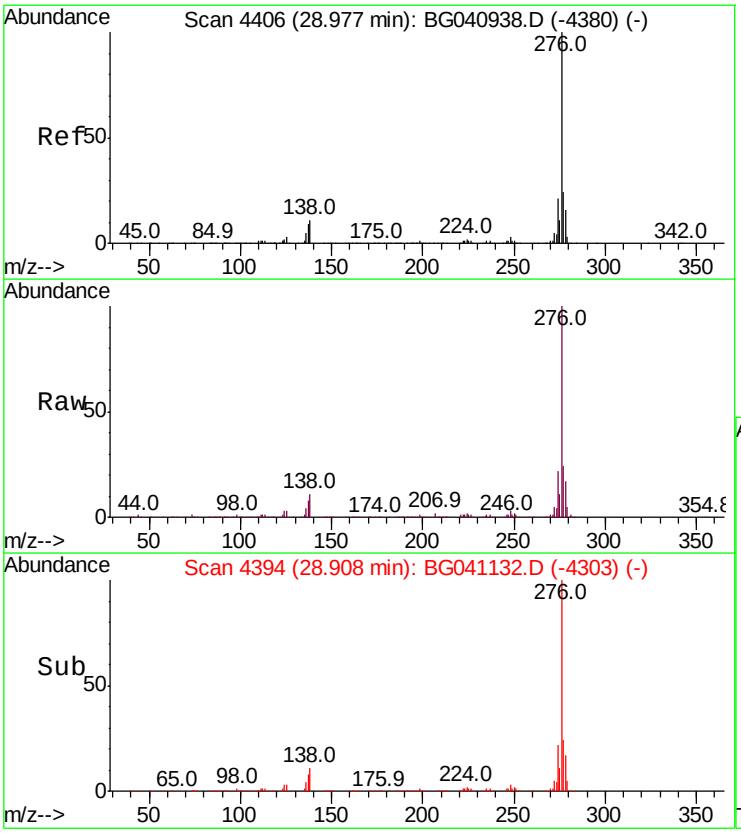

#85
Di-n-octyl phthalate
Concen: 43.264 ng
RT: 22.84 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:149 Resp: 890394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.9 | 1.4 | 2.0 |
| 43 | 9.9 | 8.1 | 12.1 |

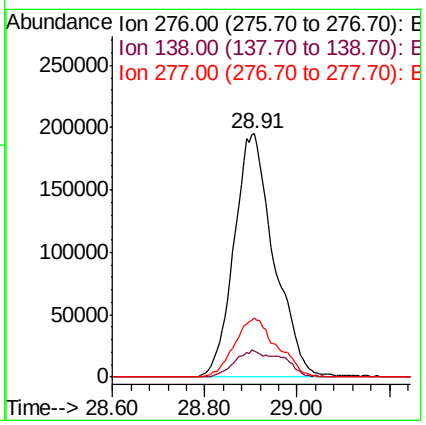


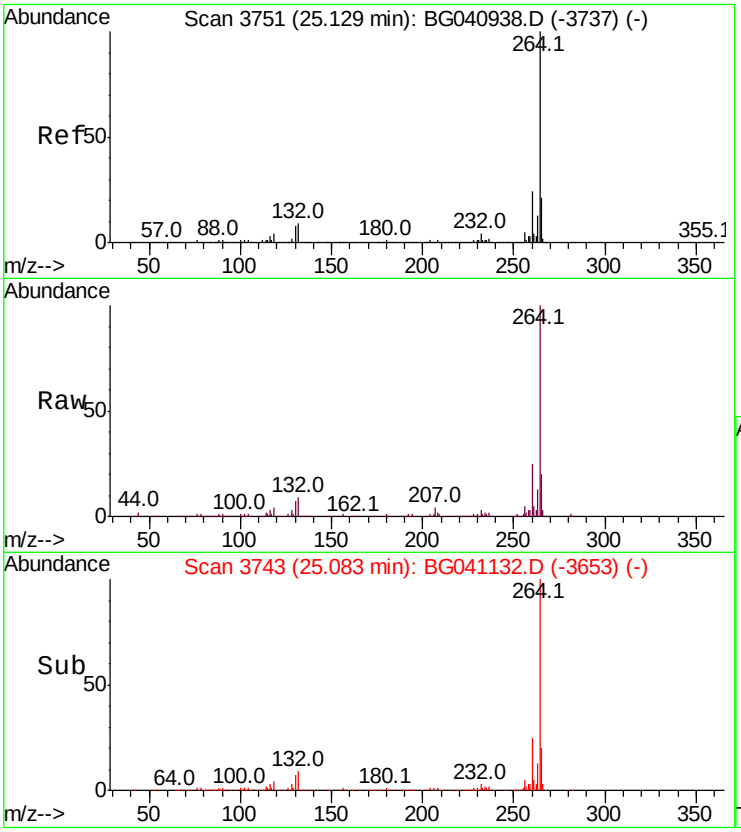




#86
Indeno(1,2,3-cd)pyrene
Concen: 43.291 ng
RT: 28.91 min Scan# 4394
Delta R.T. 0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:276 Resp: 1172190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 13.3 | 5.7 | 8.5# |
| 277 | 25.8 | 20.8 | 31.2 |



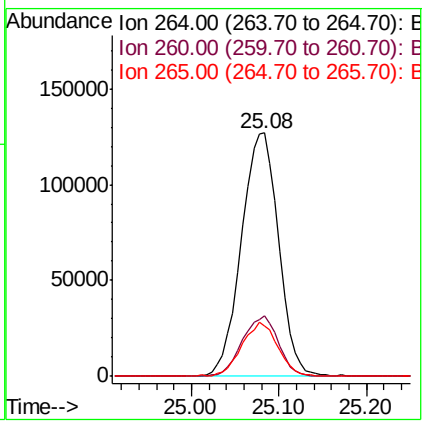


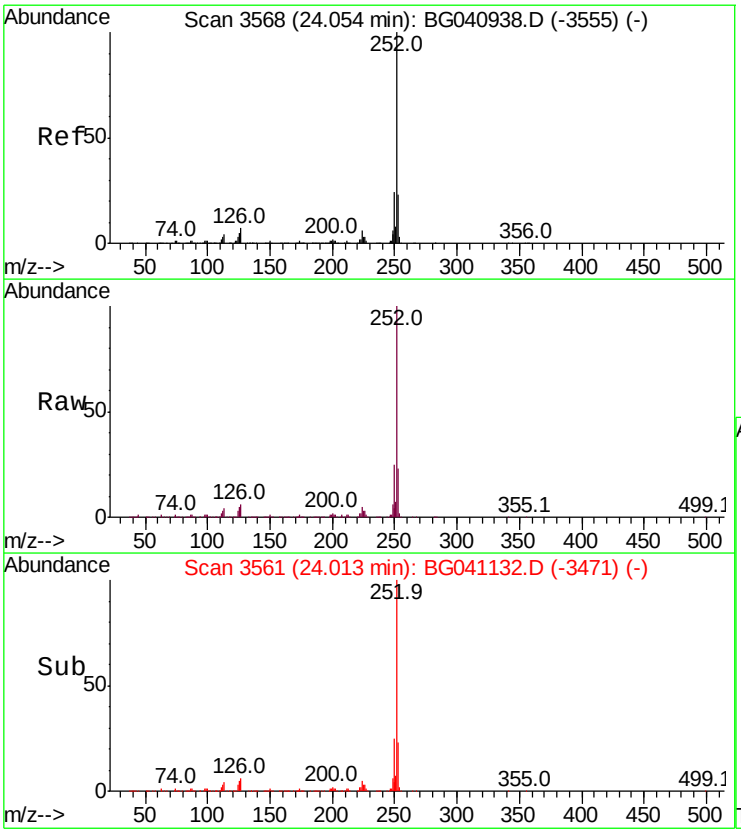

#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:264 Resp: 366855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 19.0 | 28.4 |
| 265 | 20.5 | 17.0 | 25.4 |

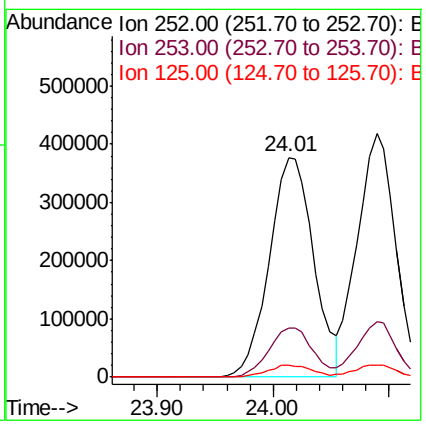


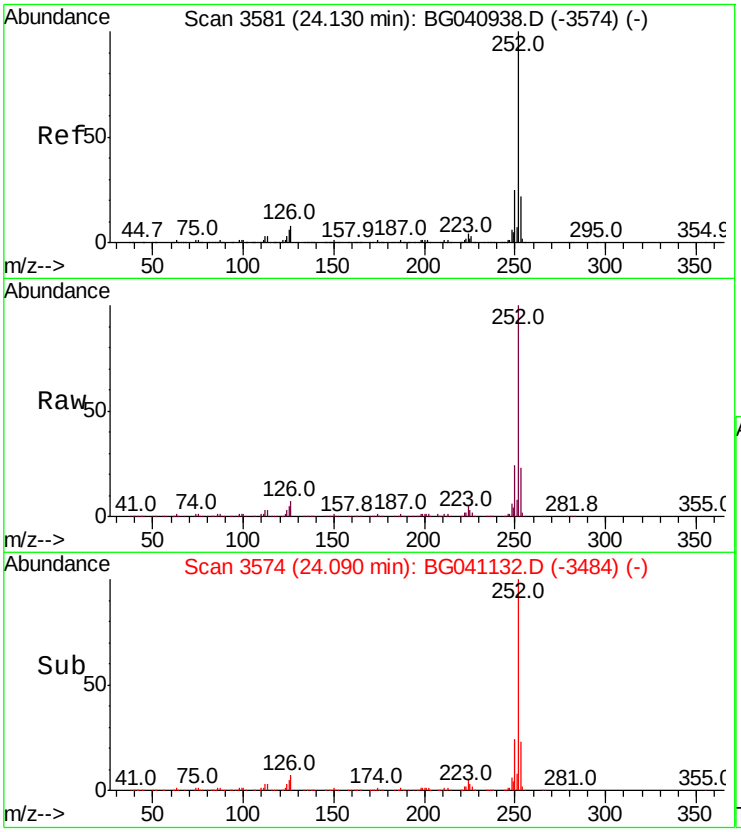




#88
Benzo(b)fluoranthene
Concen: 45.233 ng
RT: 24.01 min Scan# 3561
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:252 Resp: 1006491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.5 | 18.4 | 27.6 |
| 125 | 5.4 | 4.3 | 6.5 |



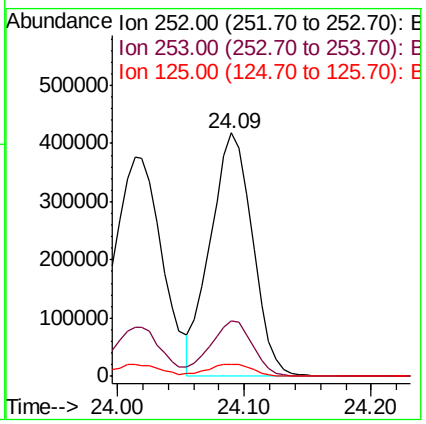


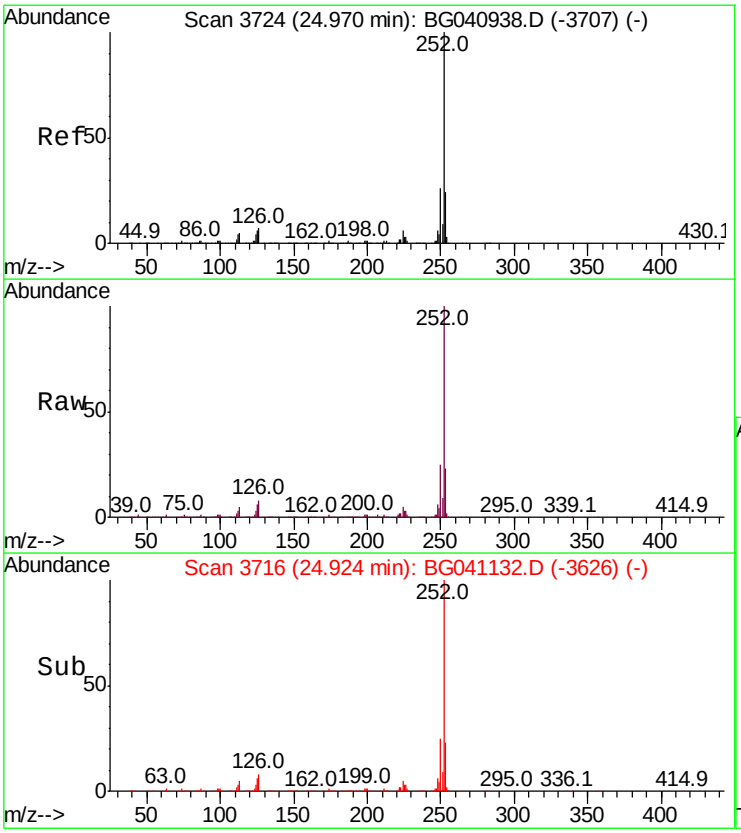

#89
Benzo(k)fluoranthene
Concen: 43.581 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:252 Resp: 959595

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.8 | 26.6 |
| 125 | 5.0 | 4.7 | 7.1 |

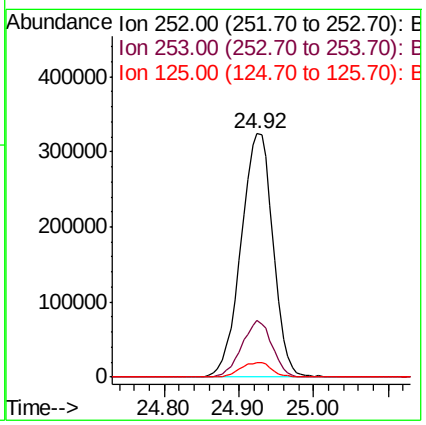


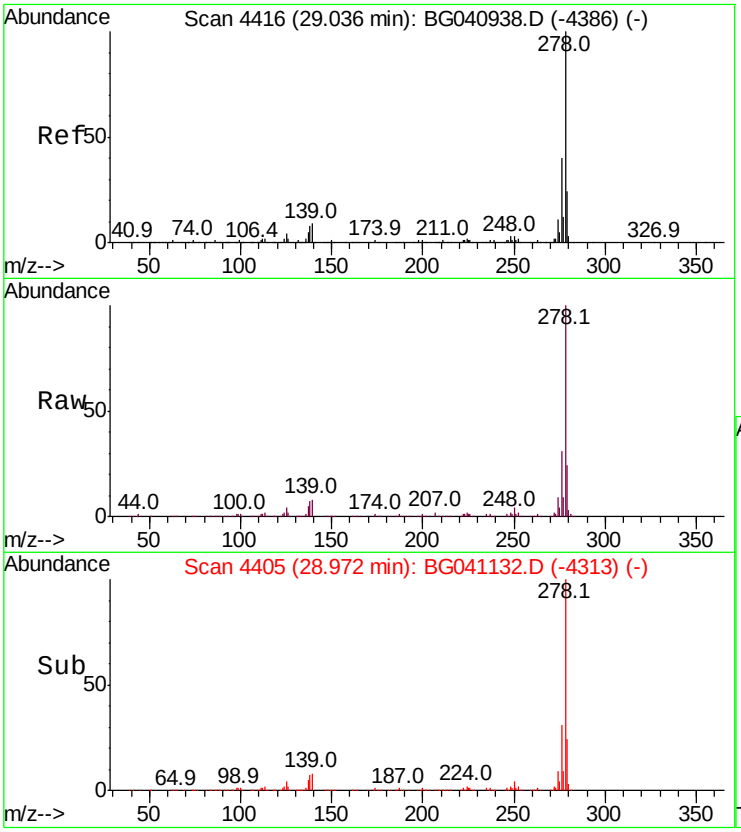




#90
Benzo(a)pyrene
Concen: 45.428 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.00 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:252 Resp: 964391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 19.5 | 29.3 |
| 125 | 6.0 | 5.1 | 7.7 |



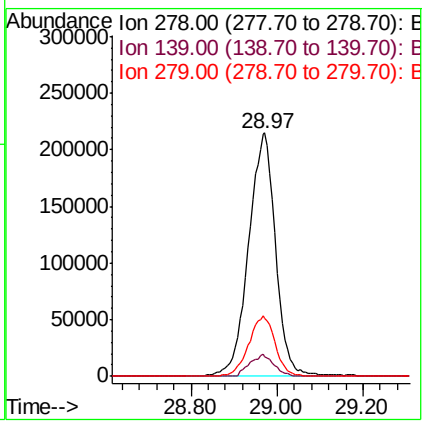


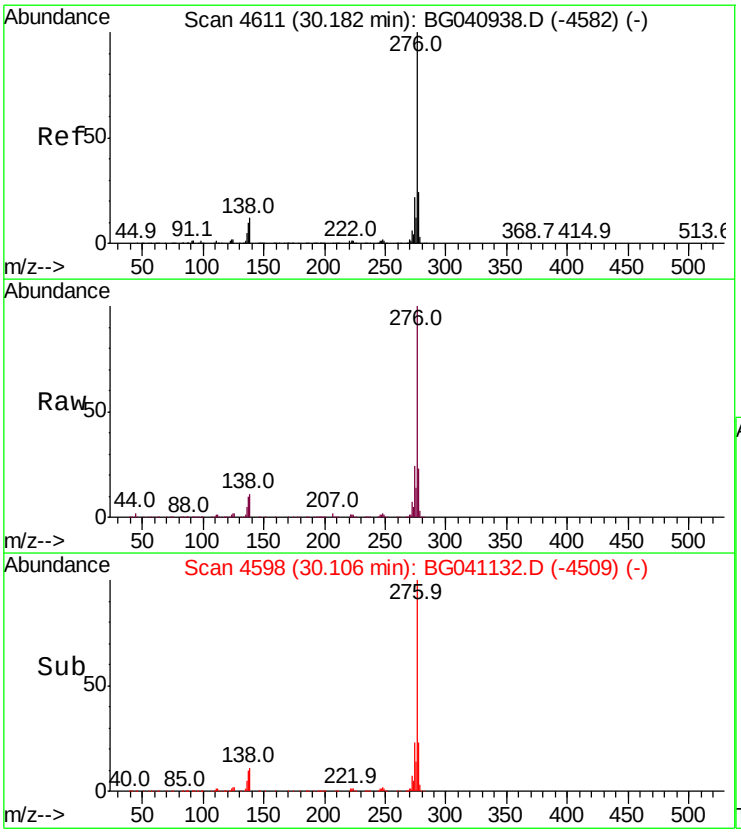

#91
Dibenzo(a,h)anthracene
Concen: 45.297 ng
RT: 28.97 min Scan# 4405
Delta R.T. 0.01 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

**Instrument :**
BNA_G
**ClientSampleId :**
HR-05-060519-AMSD

Tgt Ion:278 Resp: 960854

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 8.3 | 7.1 | 10.7 |
| 279 | 24.1 | 19.4 | 29.2 |




#92
Benzo(g,h,i)perylene
Concen: 46.783 ng
RT: 30.11 min Scan# 4598
Delta R.T. -0.01 min
Lab File: BG041132.D
Acq: 8 Jun 2019 14:14

Tgt Ion:276 Resp: 964118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.1 | 19.4 | 29.0 |
| 138 | 11.4 | 9.7 | 14.5 |