Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
Data File : BM017258.D
Acq On : 20 Oct 2018 10:49
Operator : MJ/SJ
Sample : J5195-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: Oct 22 02:48:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 330539 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.44 | 136 | 1390488 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.30 | 164 | 823163 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.06 | 188 | 1827709 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.25 | 240 | 1684776 | 20.00 | ng | | -0.01 |
| 87) Perylene-d12 | 23.46 | 264 | 1456811 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.29 | 112 | 2264058 | 115.85 | ng | | 0.00 |
| 7) Phenol-d6 | 6.85 | 99 | 2915591 | 109.54 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.82 | 82 | 2021861 | 85.04 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.80 | 330 | 1405866 | 126.29 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 12.92 | 172 | 4686357 | 75.75 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.70 | 244 | 6878032 | 92.02 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.28 | 88 | 294824 | 29.543 | ng | # | 80 |
| 3) Pyridine | 3.66 | 79 | 750047 | 32.665 | ng | # | 86 |
| 4) n-Nitrosodimethylamine | 3.57 | 42 | 428745 | 46.512 | ng | # | 71 |
| 6) Aniline | 7.01 | 93 | 266885 | 8.017 | ng | | 98 |
| 8) 2-Chlorophenol | 7.23 | 128 | 1106258 | 48.930 | ng | | 97 |
| 9) Benzaldehyde | 6.82 | 77 | 439480 | 25.896 | ng | | 94 |
| 10) Phenol | 6.87 | 94 | 1240125 | 43.292 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.10 | 93 | 1001323 | 43.849 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 7.56 | 146 | 1150072 | 43.636 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 7.70 | 146 | 1175064 | 43.638 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.01 | 146 | 1132927 | 43.668 | ng | | 99 |
| 15) Benzyl Alcohol | 7.91 | 79 | 995458 | 51.166 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20 | 45 | 1362493 | 42.707 | ng | | 99 |
| 17) 2-Methylphenol | 8.11 | 107 | 919014 | 49.983 | ng | | 98 |
| 18) Hexachloroethane | 8.73 | 117 | 423076 | 45.911 | ng | | 100 |
| 19) n-Nitroso-di-n-propylamine | 8.47 | 70 | 844243 | 48.171 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.44 | 107 | 1243907 | 49.464 | ng | | 97 |
| 22) Acetophenone | 8.49 | 105 | 1653720 | 46.918 | ng | # | 99 |
| 24) Nitrobenzene | 8.86 | 77 | 1236340 | 49.162 | ng | | 95 |
| 25) Isophorone | 9.39 | 82 | 2279781 | 58.070 | ng | | 98 |
| 26) 2-Nitrophenol | 9.56 | 139 | 603004 | 50.849 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.63 | 122 | 1060644 | 61.098 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 9.87 | 93 | 1429872 | 51.746 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.09 | 162 | 1110446 | 55.093 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.30 | 180 | 1122310 | 46.417 | ng | | 99 |
| 31) Naphthalene | 10.49 | 128 | 3438606 | 50.462 | ng | | 99 |
| 32) Benzoic acid | 9.79 | 122 | 674715 | 52.091 | ng | | 90 |
| 33) 4-Chloroaniline | 10.62 | 127 | 125170 | 4.253 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.77 | 225 | 692305 | 45.189 | ng | | 99 |
| 35) Caprolactam | 11.41 | 113 | 114308 | 15.562 | ng | | 95 |
| 36) 4-Chloro-3-methylphenol | 11.74 | 107 | 1210489 | 53.279 | ng | | 96 |
| 37) 2-Methylnaphthalene | 12.11 | 142 | 2638981 | 56.594 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.33 | 142 | 2487509 | 54.810 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216 | 1346650 | 46.454 | ng | | 98 |

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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
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Acq On : 20 Oct 2018 10:49
Operator : MJ/SJ
Sample : J5195-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :**

Quant Time: Oct 22 02:48:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.46 | 237 | 1846776 | 131.778 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.73 | 196 | 925344 | 54.988 | ng | | 100 |
| 44) 2,4,5-Trichlorophenol | 12.80 | 196 | 993535 | 55.058 | ng | | 97 |
| 46) 1,1'-Biphenyl | 13.13 | 154 | 3377160 | 45.590 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.17 | 162 | 2616832 | 48.019 | ng | | 99 |
| 48) 2-Nitroaniline | 13.39 | 65 | 762864 | 49.366 | ng | | 94 |
| 49) Acenaphthylene | 14.03 | 152 | 4272820 | 54.092 | ng | | 99 |
| 50) Dimethylphthalate | 13.78 | 163 | 3315181 | 52.201 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.90 | 165 | 735579 | 52.625 | ng | | 99 |
| 52) Acenaphthene | 14.37 | 154 | 2506006 | 50.528 | ng | | 98 |
| 53) 3-Nitroaniline | 14.22 | 138 | 214633 | 14.178 | ng | | 97 |
| 54) 2,4-Dinitrophenol | 14.43 | 184 | 939121 | 110.976 | ng | | 99 |
| 55) Dibenzofuran | 14.71 | 168 | 3987242 | 48.344 | ng | | 99 |
| 56) 4-Nitrophenol | 14.54 | 139 | 1623266 | 115.433 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 14.69 | 165 | 1032568 | 54.963 | ng | # | 98 |
| 58) Fluorene | 15.36 | 166 | 3229825 | 52.906 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.94 | 232 | 917232 | 55.762 | ng | | 98 |
| 60) Diethylphthalate | 15.15 | 149 | 3334137 | 52.939 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.36 | 204 | 1657671 | 47.630 | ng | | 95 |
| 62) 4-Nitroaniline | 15.40 | 138 | 724980 | 43.416 | ng | | 97 |
| 63) Azobenzene | 15.65 | 77 | 3130570 | 51.139 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 198 | 618079 | 51.982 | ng | | 97 |
| 66) n-Nitrosodiphenylamine | 15.58 | 169 | 2858242 | 51.689 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.26 | 248 | 1067877 | 53.212 | ng | | 97 |
| 68) Hexachlorobenzene | 16.36 | 284 | 1145998 | 49.160 | ng | | 99 |
| 69) Atrazine | 16.54 | 200 | 1038707 | 52.484 | ng | | 98 |
| 70) Pentachlorophenol | 16.71 | 266 | 1390121 | 87.051 | ng | | 99 |
| 71) Phenanthrene | 17.10 | 178 | 5066995 | 51.384 | ng | | 99 |
| 72) Anthracene | 17.19 | 178 | 5151342 | 54.978 | ng | | 100 |
| 73) Carbazole | 17.47 | 167 | 4562926 | 47.673 | ng | | 100 |
| 74) Di-n-butylphthalate | 18.03 | 149 | 5506745 | 54.549 | ng | | 99 |
| 75) Fluoranthene | 19.12 | 202 | 5629033 | 50.729 | ng | | 98 |
| 77) Benzidine | 19.32 | 184 | 206943 | 4.844 | ng | | 99 |
| 78) Pyrene | 19.49 | 202 | 5649787 | 60.000 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.40 | 149 | 2347550 | 62.897 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.23 | 228 | 5136932 | 54.182 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.17 | 252 | 617359 | 17.471 | ng | | 100 |
| 83) Chrysene | 21.29 | 228 | 4870579 | 51.902 | ng | | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 3273724 | 58.419 | ng | | 100 |
| 85) Di-n-octyl phthalate | 22.05 | 149 | 5132279 | 54.417 | ng | | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 25.68 | 276 | 4597125 | 43.798 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 22.80 | 252 | 4431565 | 55.639 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.85 | 252 | 4486102 | 56.131 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.37 | 252 | 4174422 | 55.199 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 25.69 | 278 | 3873191 | 51.579 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 26.35 | 276 | 3851935 | 51.756 | ng | | 99 |

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

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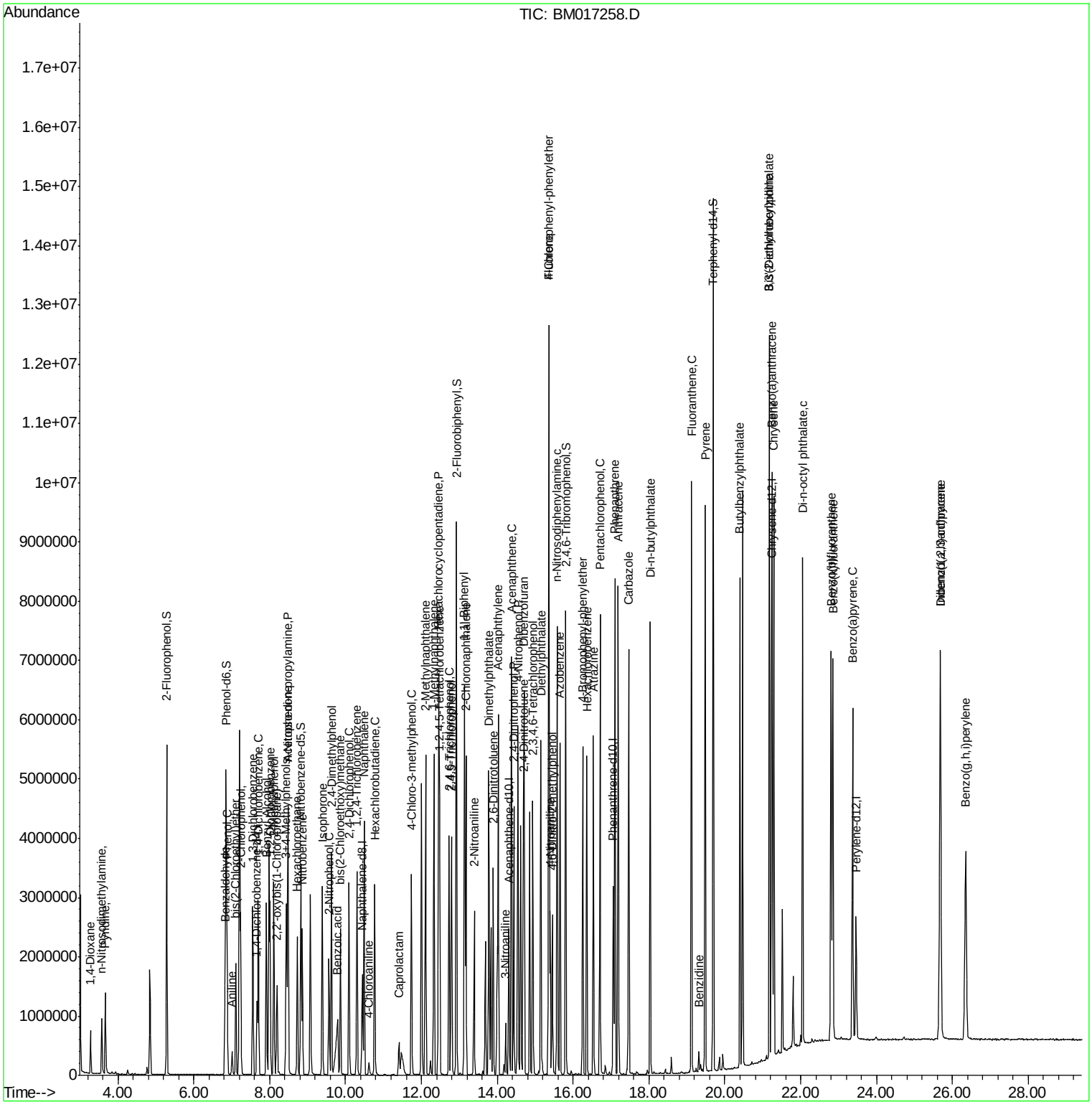
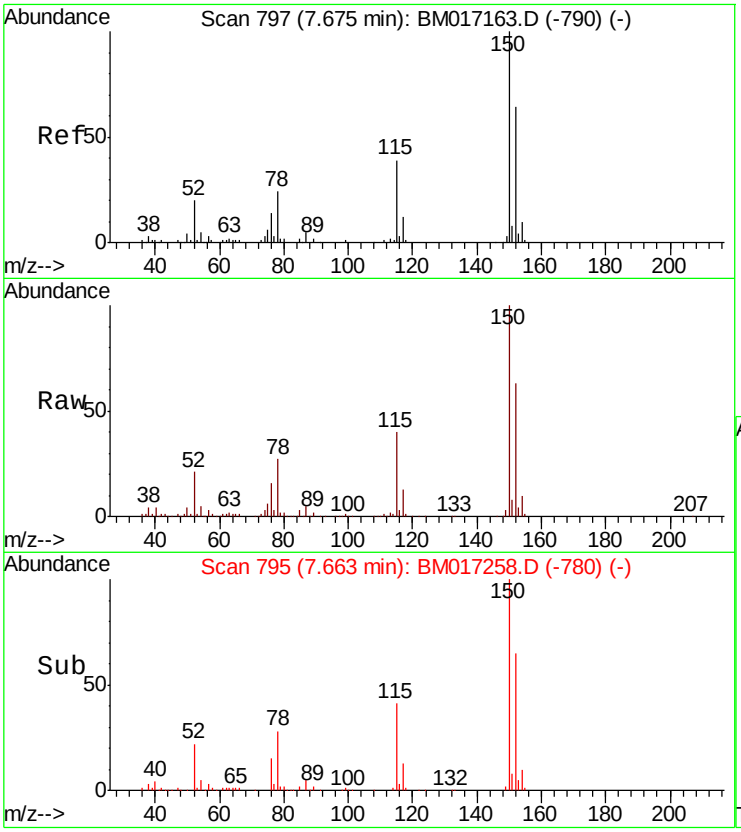
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
Data File : BM017258.D
Acq On : 20 Oct 2018 10:49
Operator : MJ/SJ
Sample : J5195-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**

Quant Time: Oct 22 02:48:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration



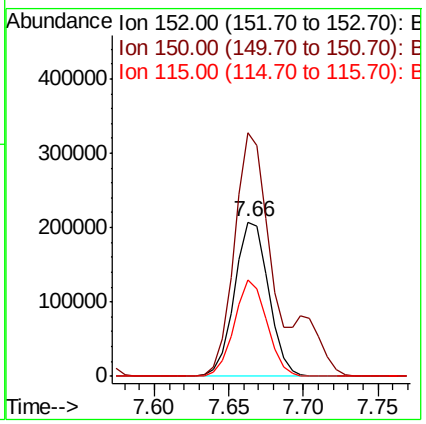


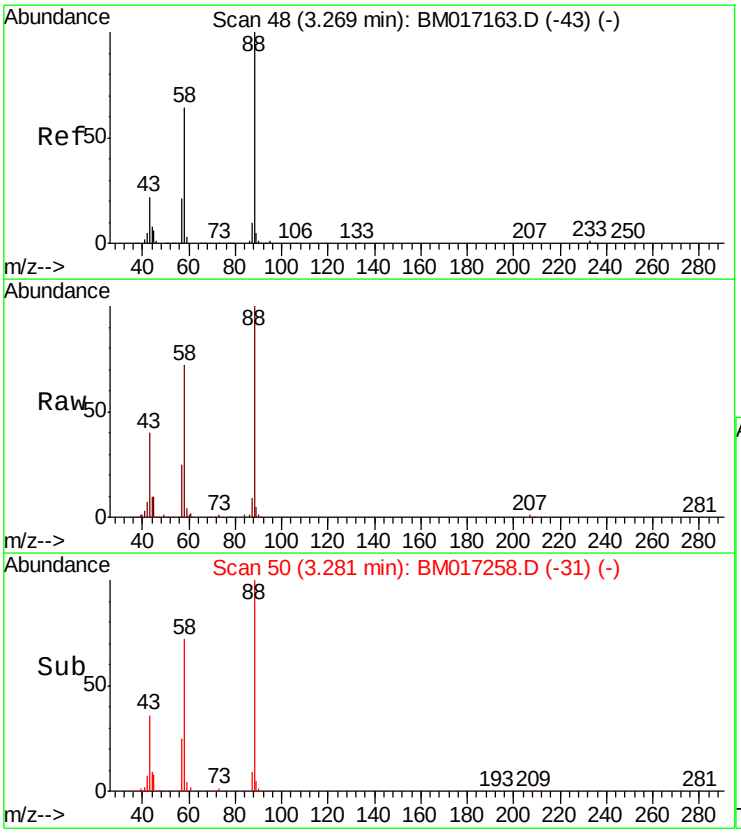

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:152 Resp: 330539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.9 | 124.3 | 186.5 |
| 115 | 62.8 | 48.1 | 72.1 |

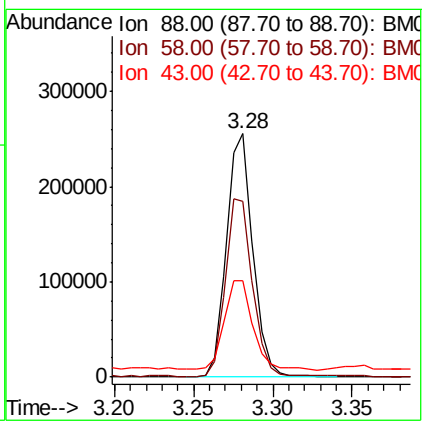


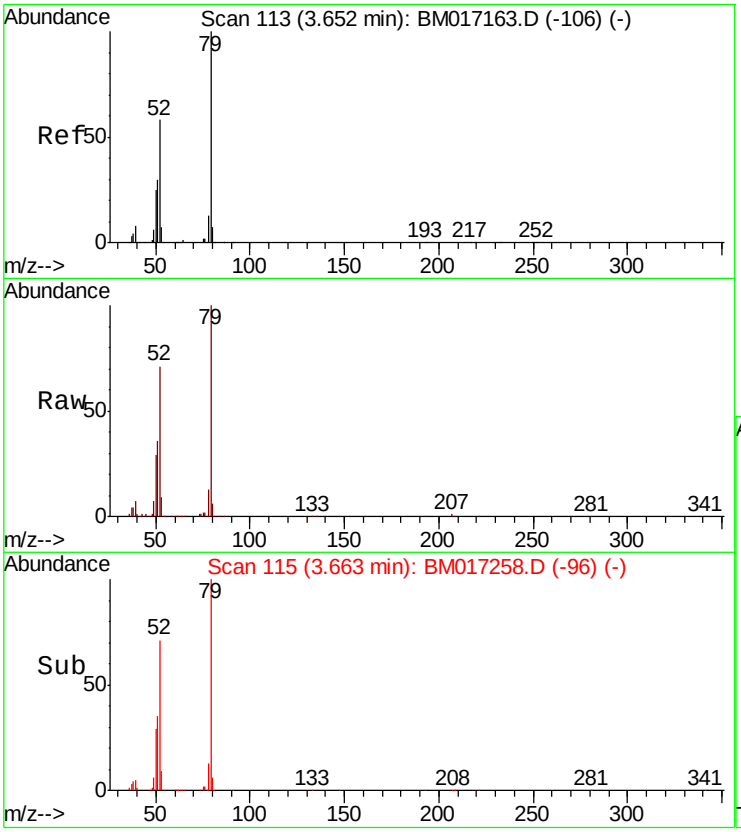




#2
1,4-Dioxane
Concen: 29.543 ng
RT: 3.28 min Scan# 50
Delta R.T. 0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 88 Resp: 294824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 74.6 | 50.2 | 75.4 |
| 43 | 39.7 | 19.3 | 28.9# |



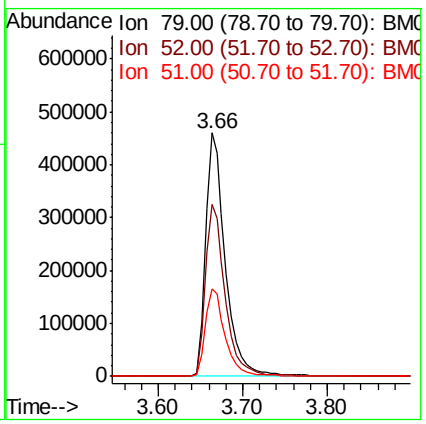


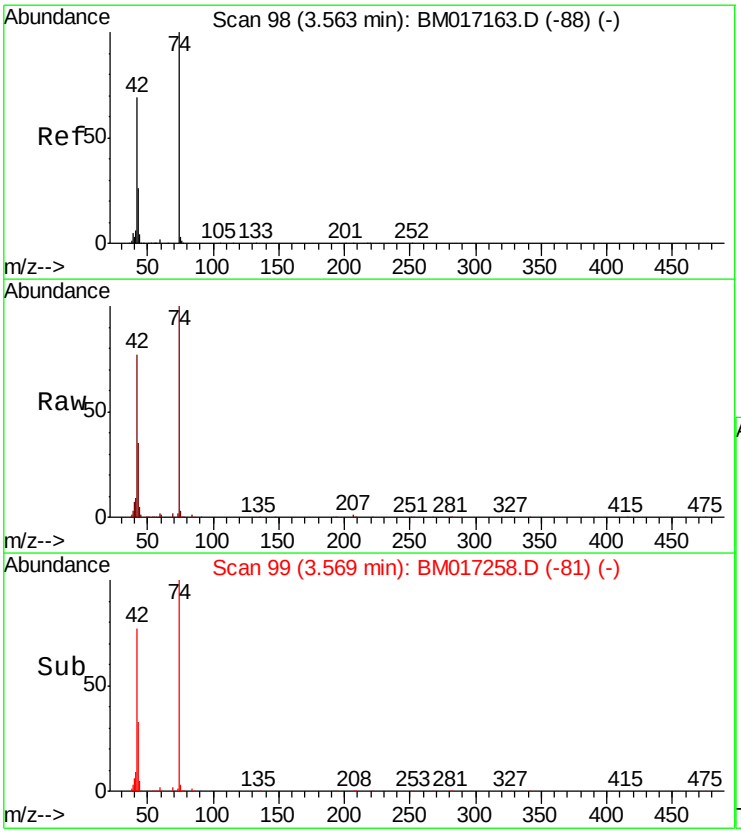

#3
Pyridine
Concen: 32.665 ng
RT: 3.66 min Scan# 115
Delta R.T. 0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 79 Resp: 750047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 70.6 | 46.5 | 69.7# |
| 51 | 35.7 | 24.6 | 37.0 |

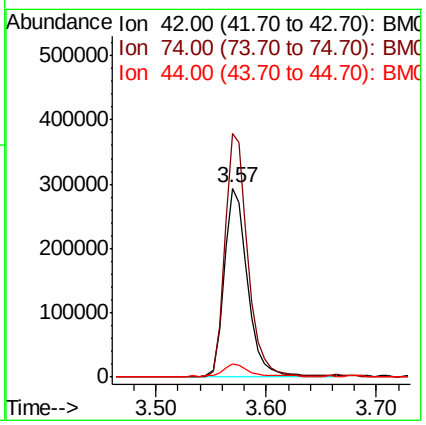


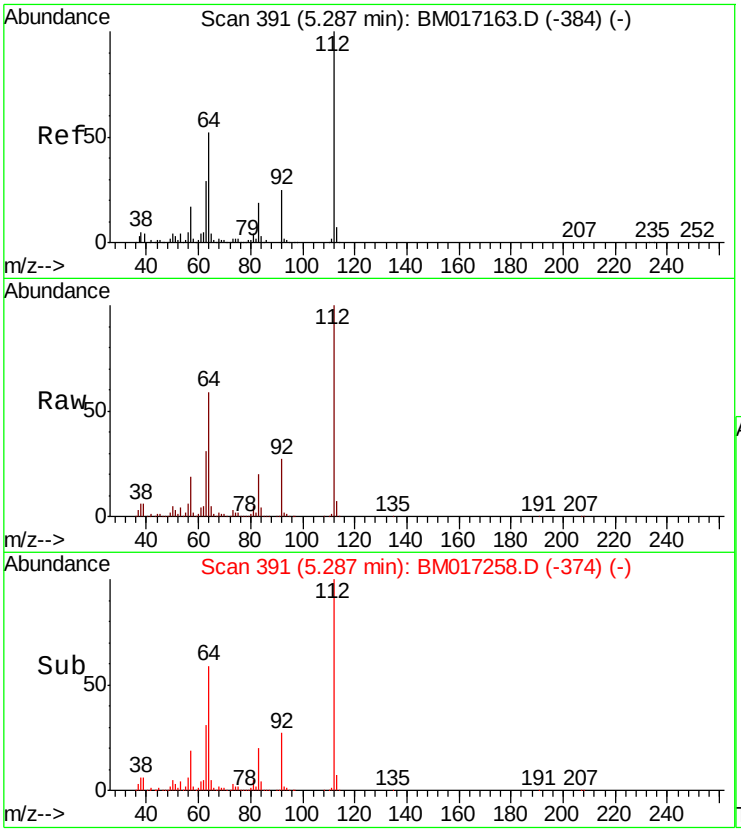




#4
n-Nitrosodimethylamine
Concen: 46.512 ng
RT: 3.57 min Scan# 99
Delta R.T. 0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 42 Resp: 428745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 129.1 | 114.4 | 171.6 |
| 44 | 6.8 | 48.6 | 73.0# |



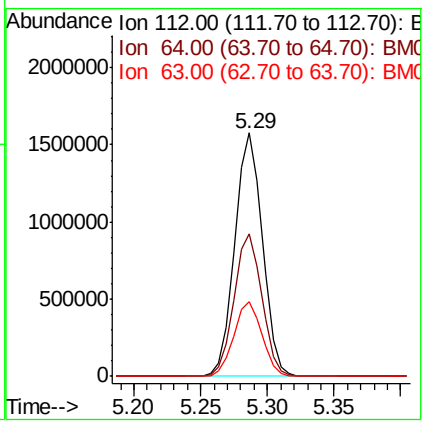


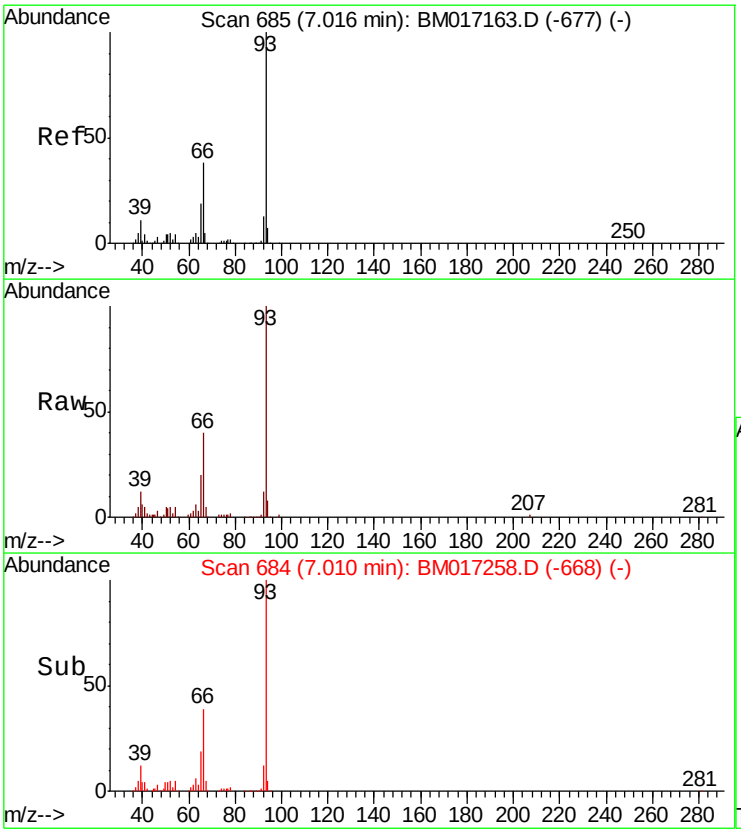

#5
2-Fluorophenol
Concen: 115.850 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:112 Resp: 2264058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.8 | 41.7 | 62.5 |
| 63 | 30.7 | 23.0 | 34.4 |

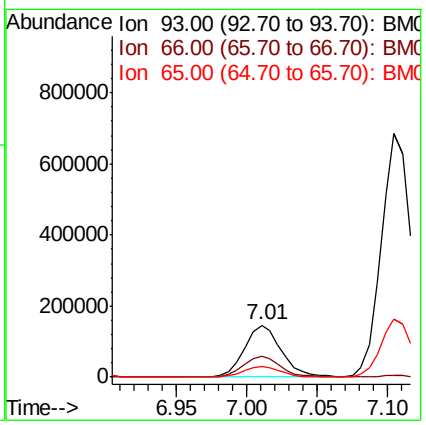


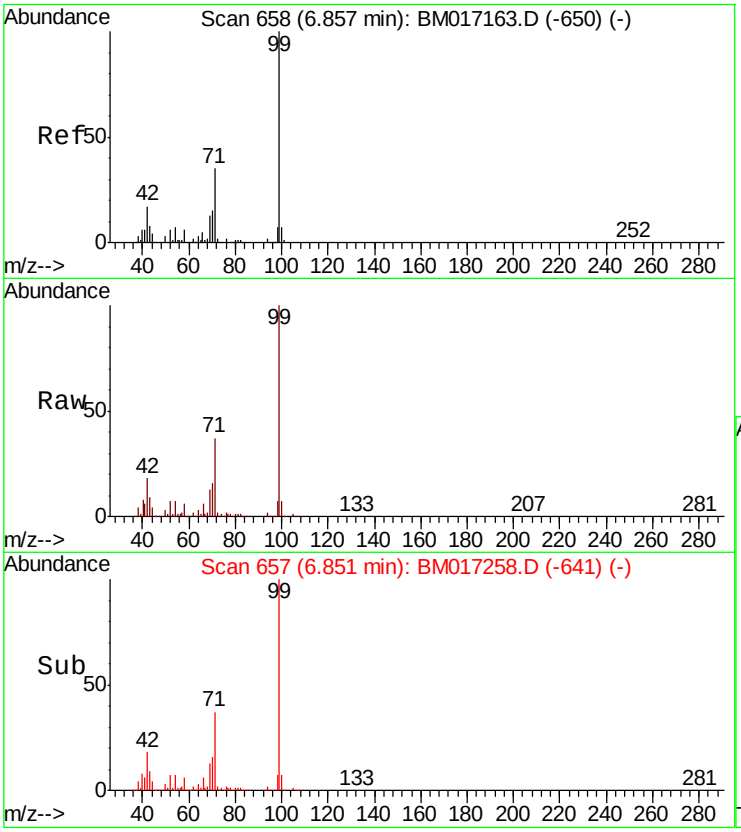




#6
Aniline
Concen: 8.017 ng
RT: 7.01 min Scan# 684
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 93 Resp: 266885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 39.7 | 30.4 | 45.6 |
| 65 | 19.8 | 15.3 | 22.9 |



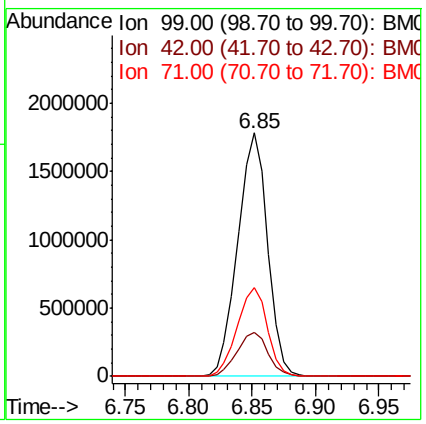


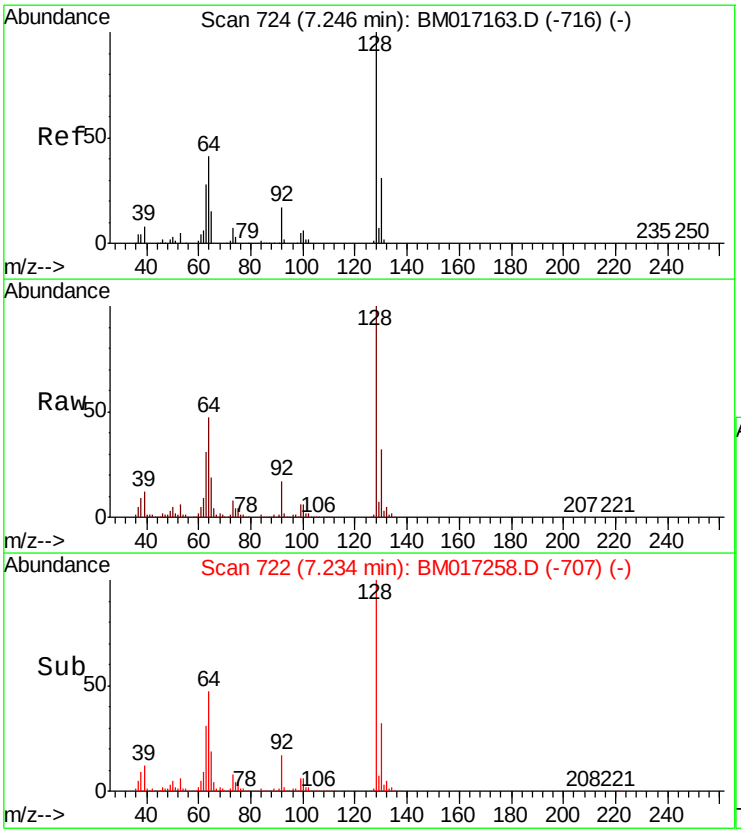

#7
Phenol-d6
Concen: 109.540 ng
RT: 6.85 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 99 Resp: 2915591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.1 | 13.3 | 19.9 |
| 71 | 36.6 | 28.0 | 42.0 |

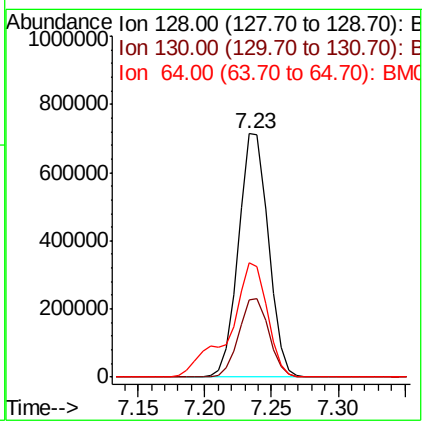


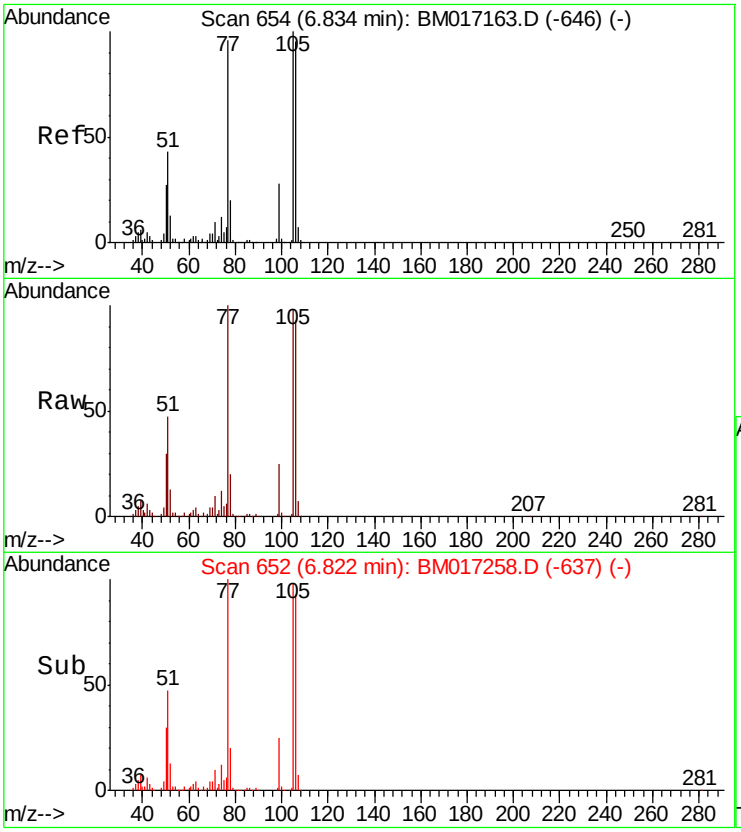




#8
2-Chlorophenol
Concen: 48.930 ng
RT: 7.23 min Scan# 722
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:128 Resp: 1106258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 31.9 | 11.0 | 51.0 |
| 64 | 46.9 | 24.1 | 64.1 |



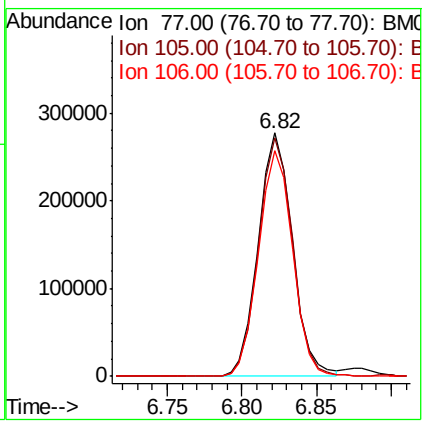


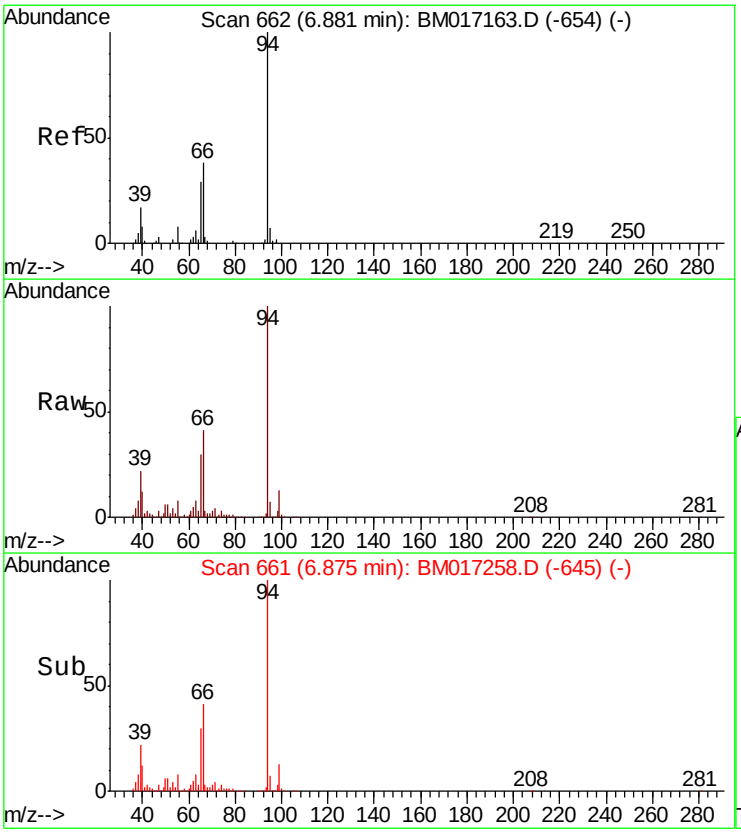

#9
Benzaldehyde
Concen: 25.896 ng
RT: 6.82 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 77 Resp: 439480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 98.0 | 83.9 | 123.9 |
| 106 | 92.8 | 78.2 | 118.2 |

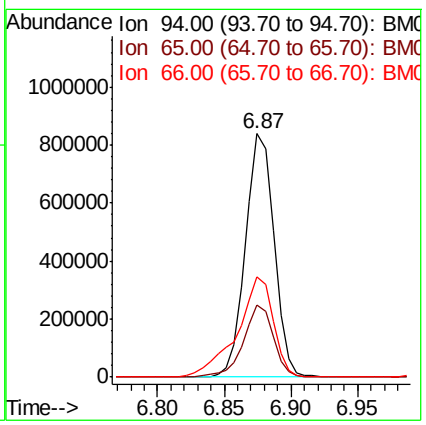


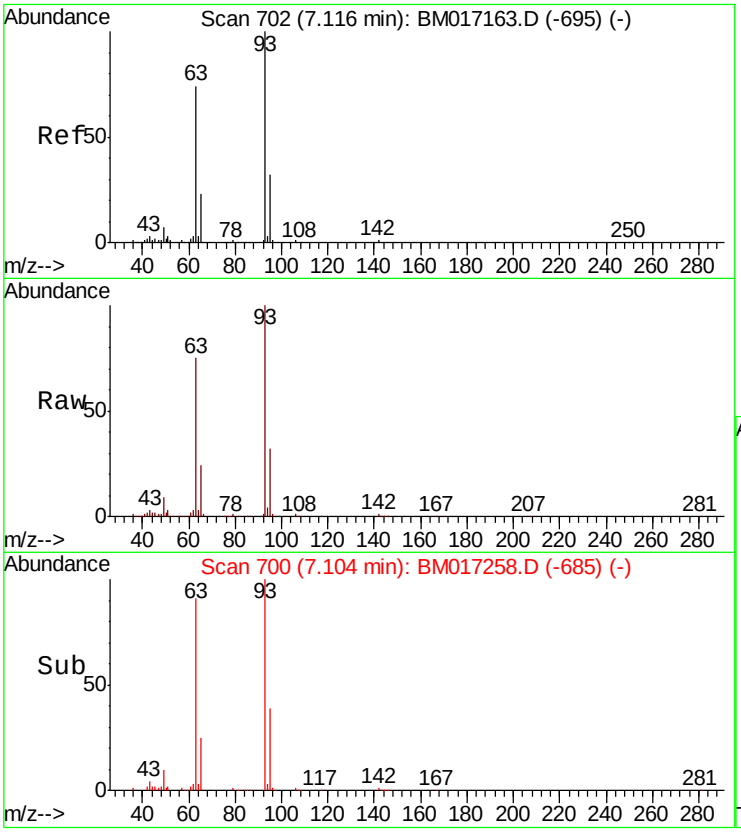




#10
Phenol
Concen: 43.292 ng
RT: 6.87 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 94 Resp: 1240125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.6 | 9.4 | 49.4 |
| 66 | 41.2 | 19.0 | 59.0 |



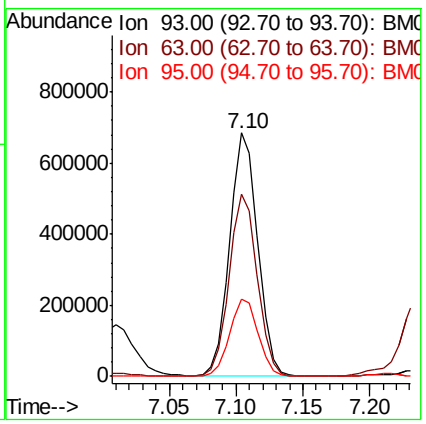


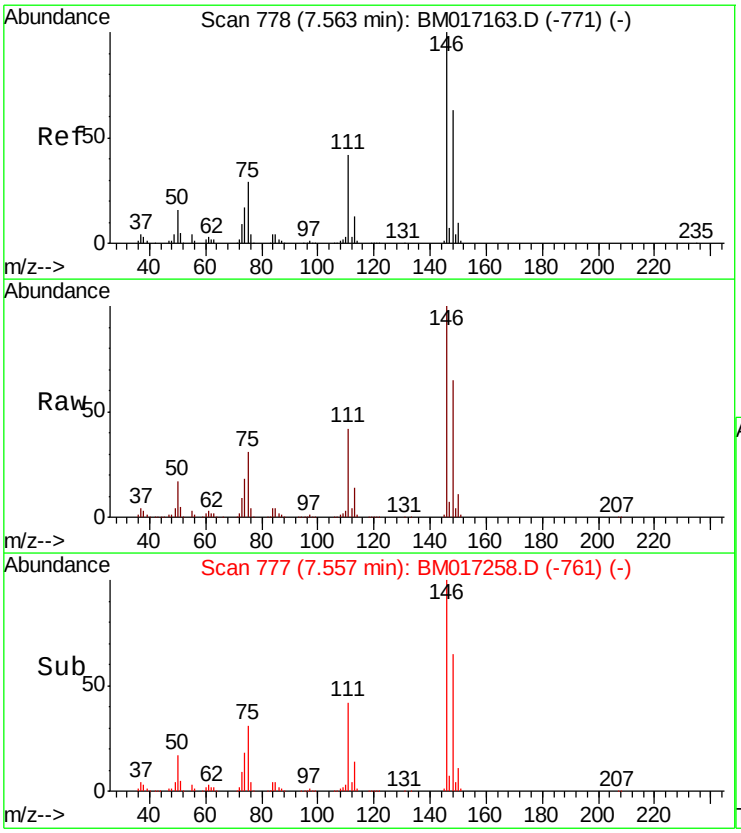

#11
bis(2-Chloroethyl)ether
Concen: 43.849 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 93 Resp: 1001323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 74.6 | 54.0 | 94.0 |
| 95 | 31.8 | 11.8 | 51.8 |

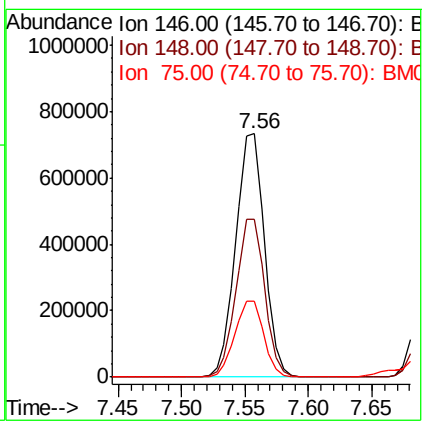


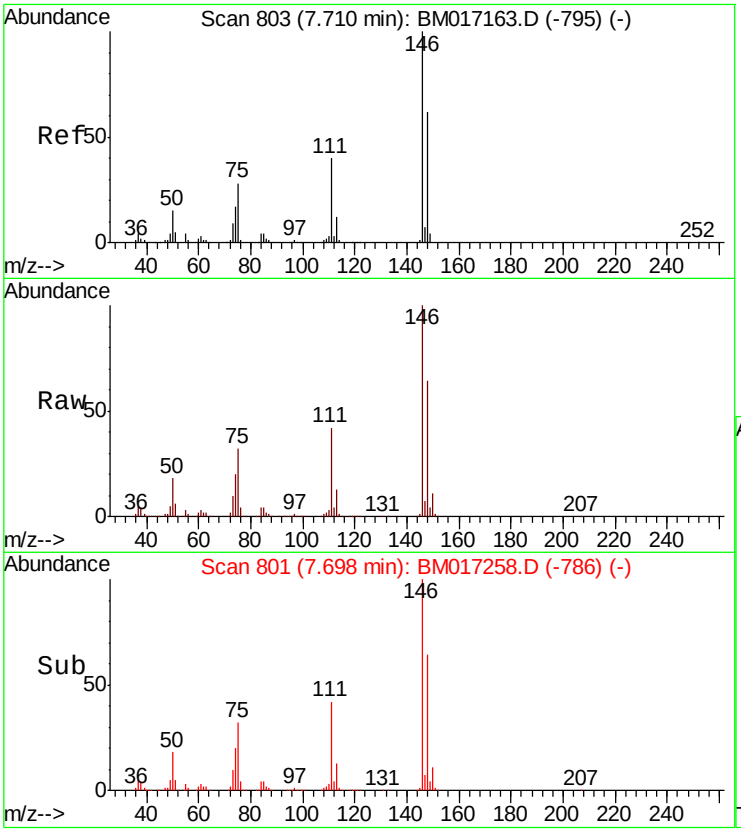




#12
1,3-Dichlorobenzene
Concen: 43.636 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:146 Resp: 1150072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.8 | 50.2 | 75.4 |
| 75 | 31.2 | 23.3 | 34.9 |



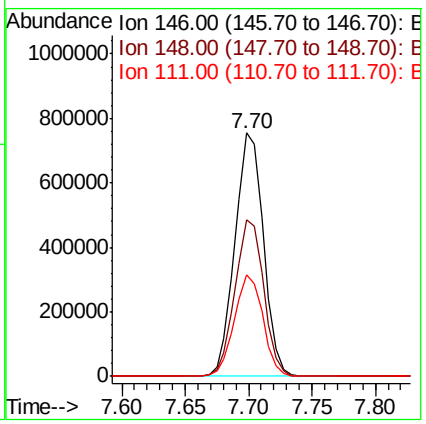


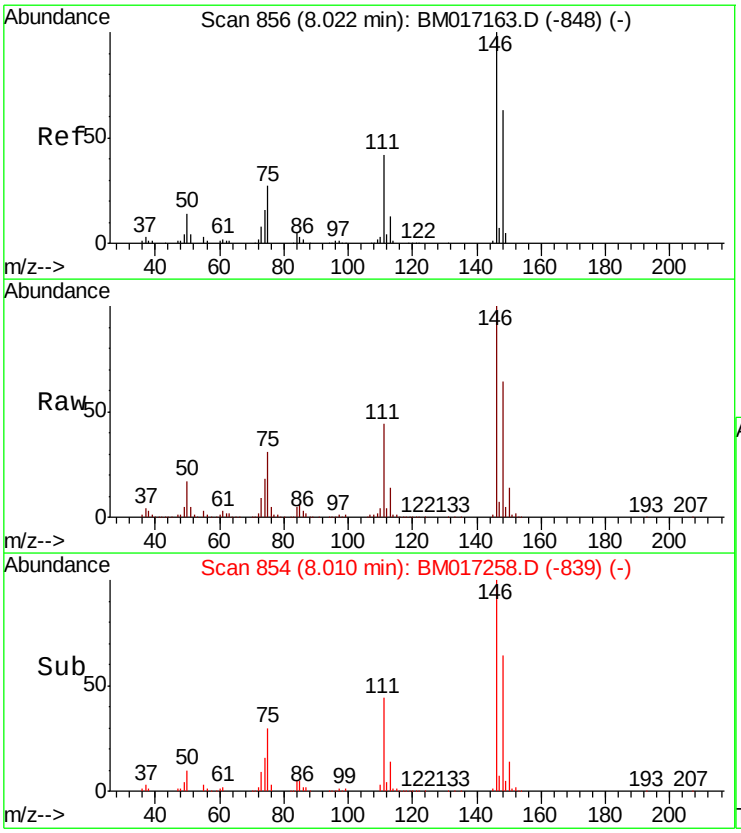

#13
1,4-Dichlorobenzene
Concen: 43.638 ng
RT: 7.70 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:146 Resp: 1175064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.1 | 49.8 | 74.6 |
| 111 | 41.7 | 32.1 | 48.1 |

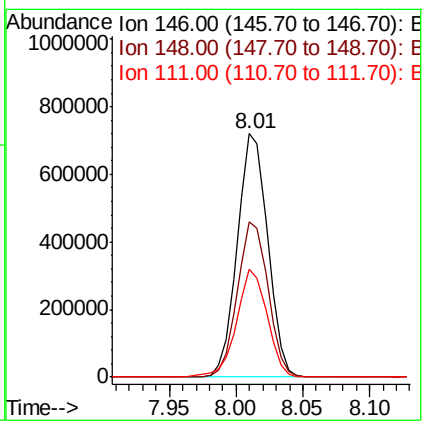


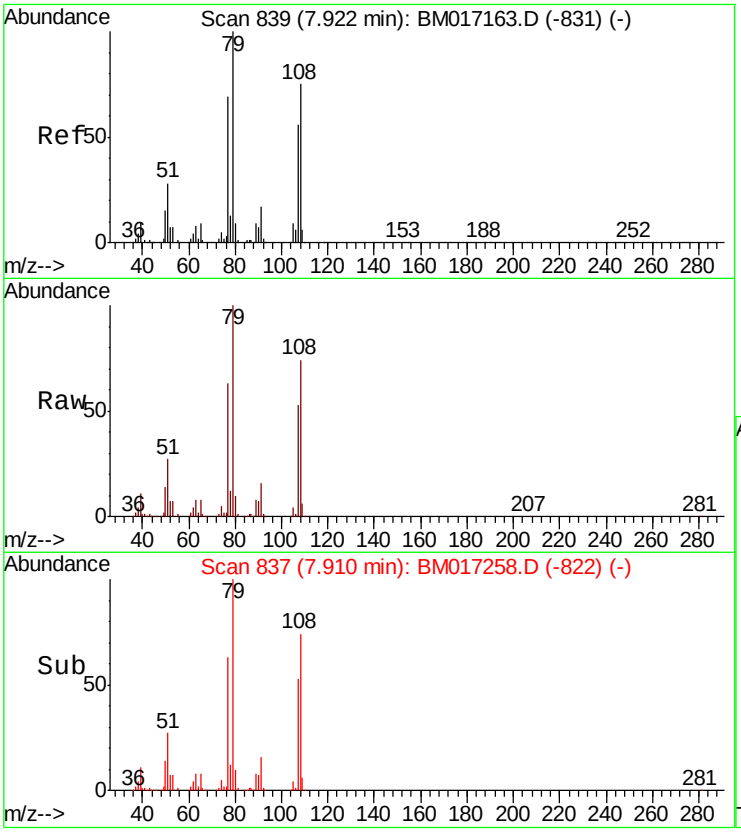




#14
1,2-Dichlorobenzene
Concen: 43.668 ng
RT: 8.01 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:146 Resp: 1132927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 63.7 | 50.8 | 76.2 |
| 111 | 44.1 | 33.8 | 50.6 |



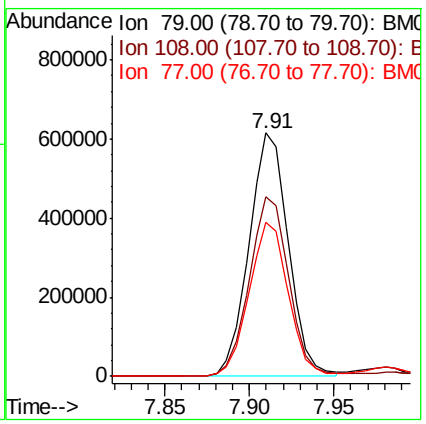


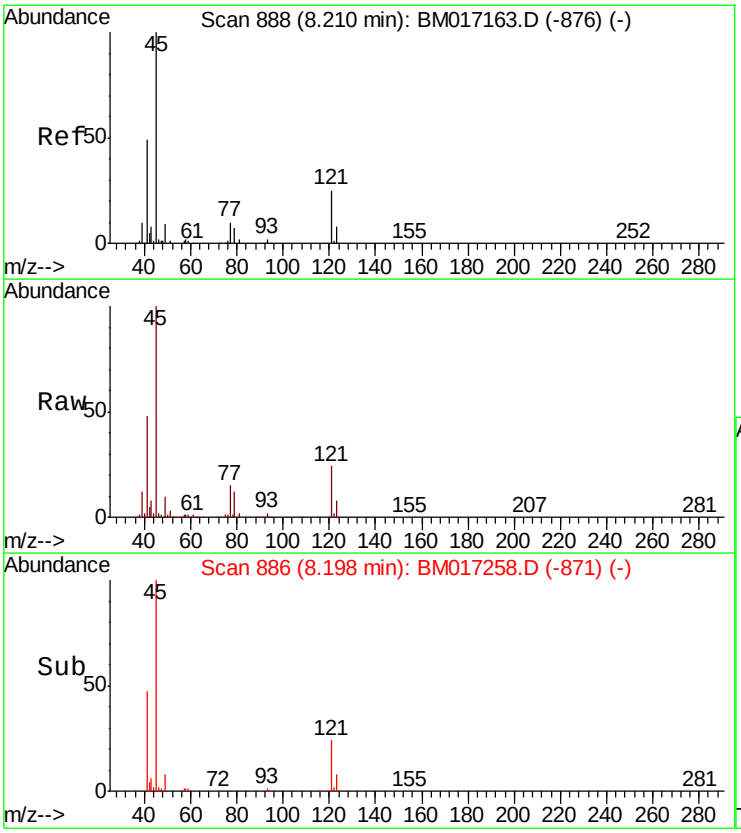

#15
Benzyl Alcohol
Concen: 51.166 ng
RT: 7.91 min Scan# 837
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 79 Resp: 995458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 73.9 | 60.3 | 90.5 |
| 77 | 63.4 | 54.8 | 82.2 |

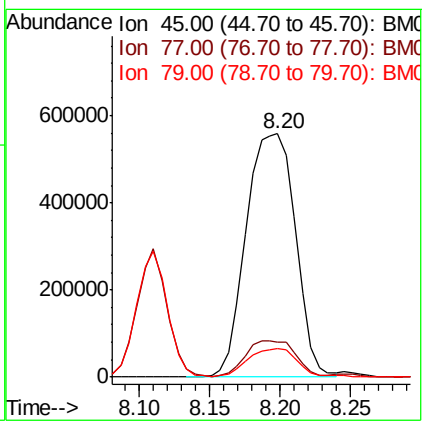


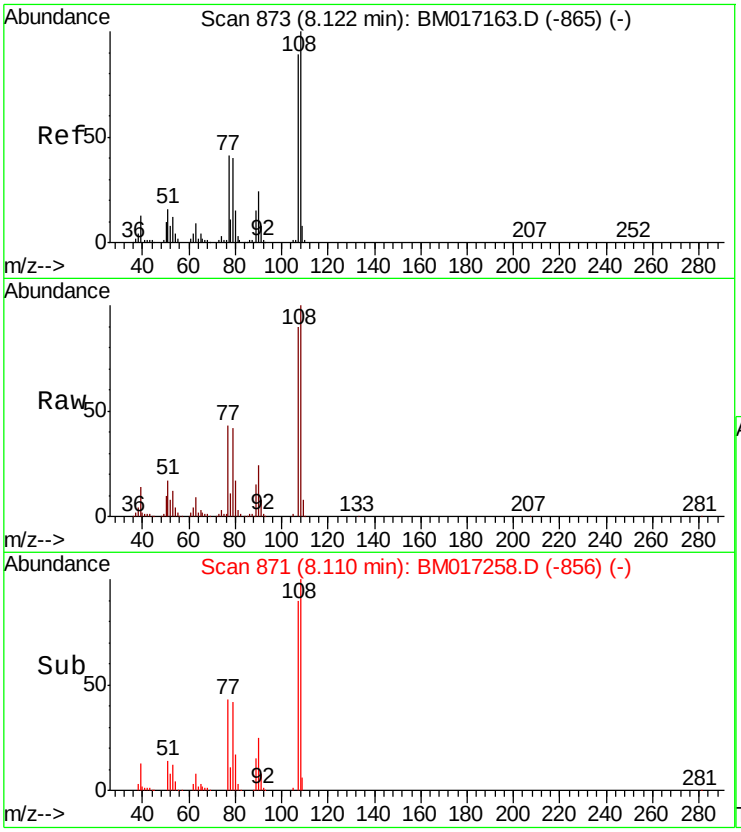




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.707 ng
RT: 8.20 min Scan# 886
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 45 Resp: 1362493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 14.6 | 0.0 | 35.5 |
| 79 | 12.0 | 0.0 | 32.1 |



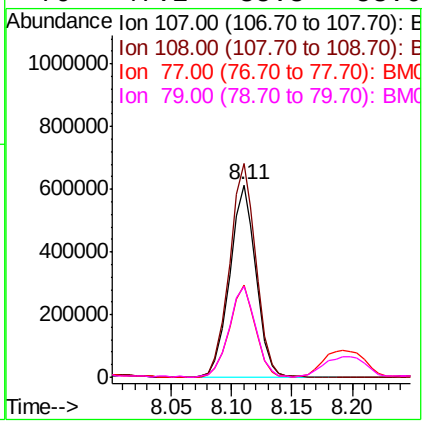


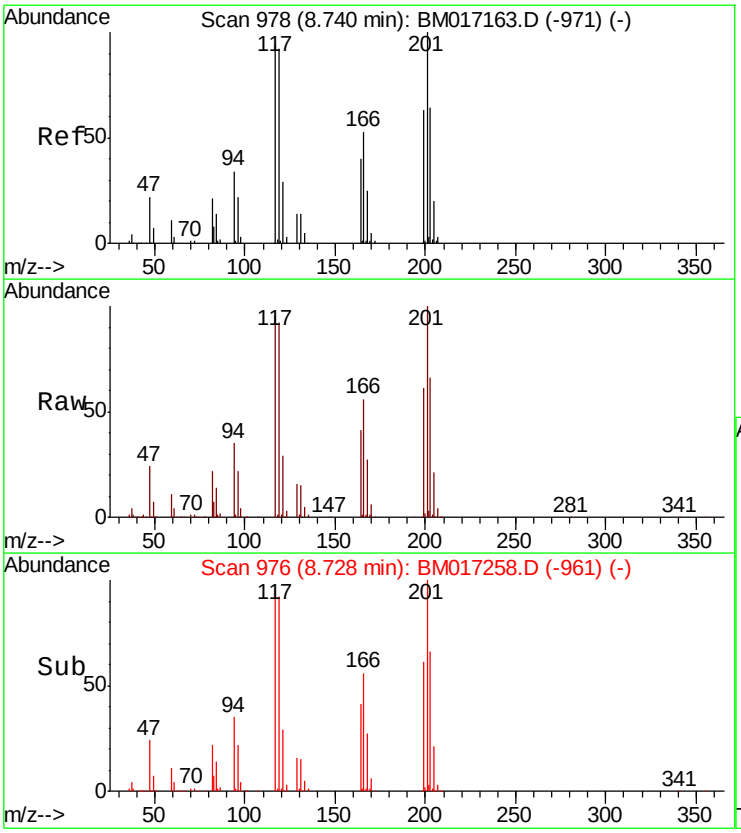

#17
2-Methylphenol
Concen: 49.983 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:107 Resp: 919014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 111.2 | 90.3 | 135.5 |
| 77 | 48.0 | 37.0 | 55.4 |
| 79 | 47.2 | 35.8 | 53.6 |

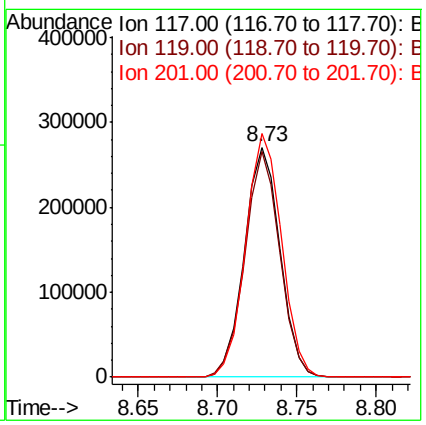


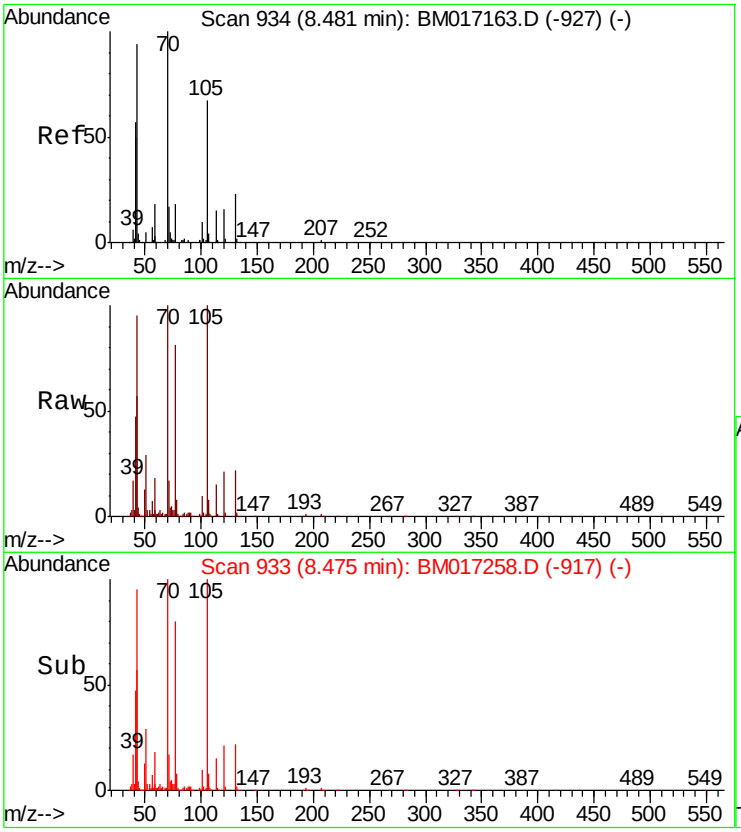




#18
Hexachloroethane
Concen: 45.911 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:117 Resp: 423076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 97.8 | 78.2 | 117.2 |
| 201 | 105.8 | 85.3 | 127.9 |



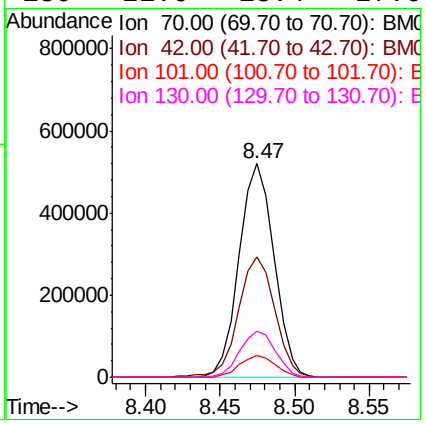


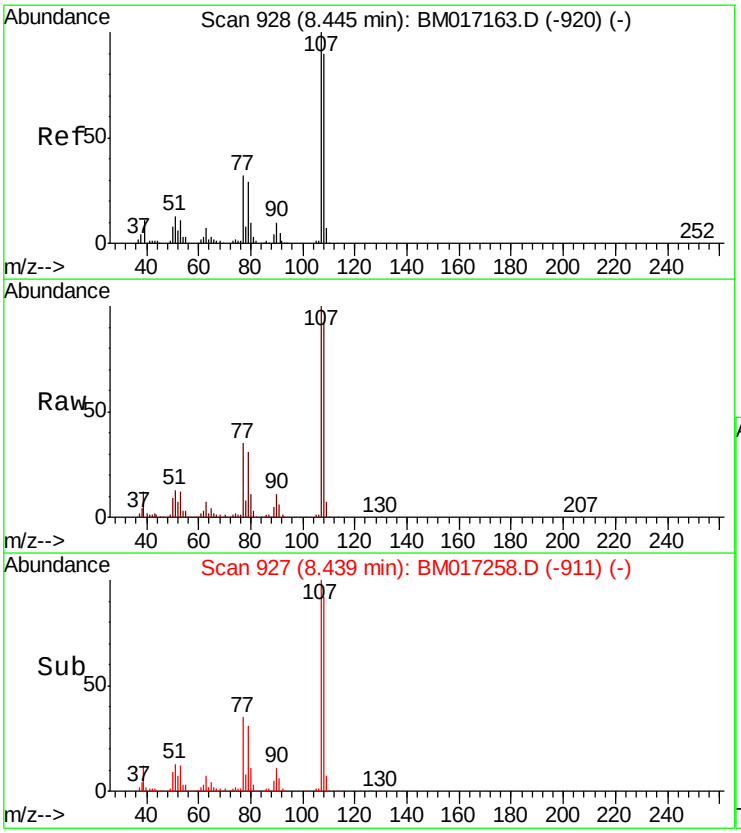

#19
n-Nitroso-di-n-propylamine
Concen: 48.171 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 70 Resp: 844243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 56.6 | 46.1 | 69.1 |
| 101 | 10.4 | 8.2 | 12.4 |
| 130 | 21.6 | 18.4 | 27.6 |

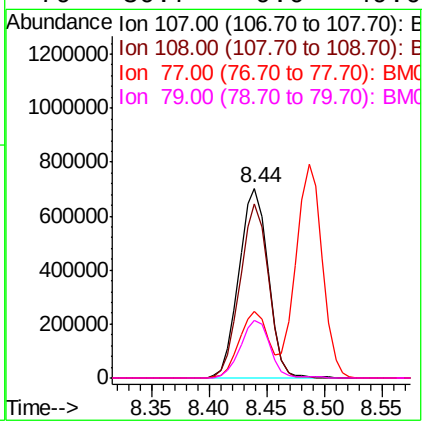


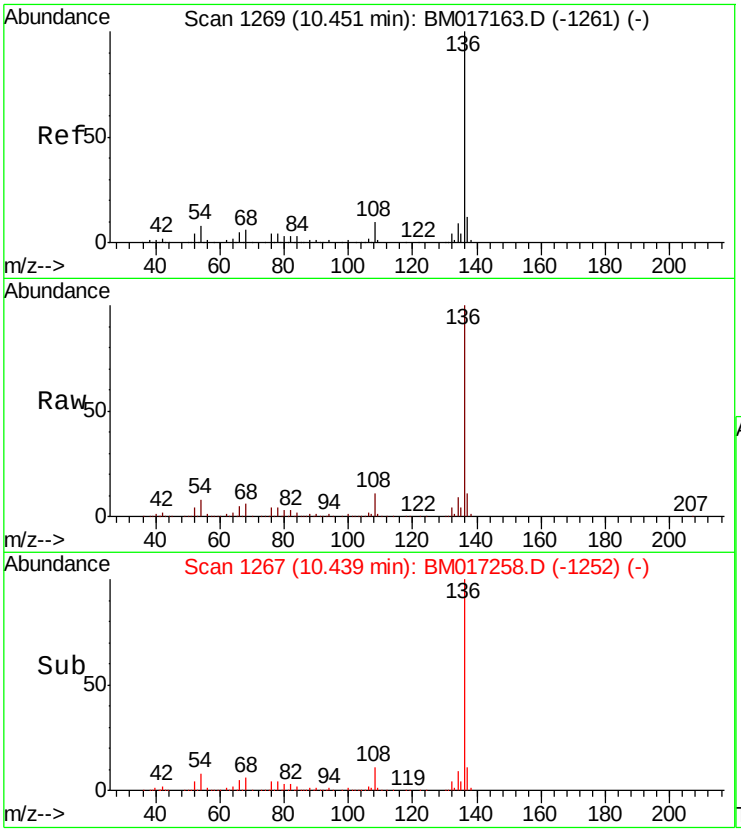




#20
3+4-Methylphenols
Concen: 49.464 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:107 Resp: 1243907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 91.6 | 69.9 | 109.9 |
| 77 | 35.1 | 12.2 | 52.2 |
| 79 | 30.7 | 9.0 | 49.0 |



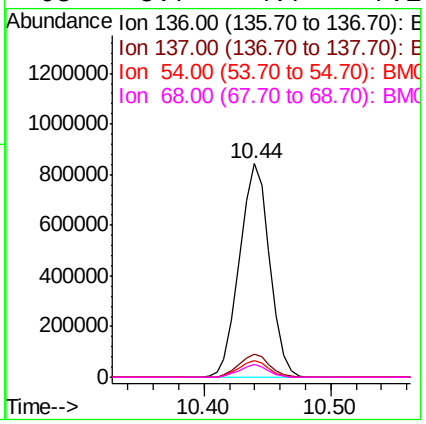


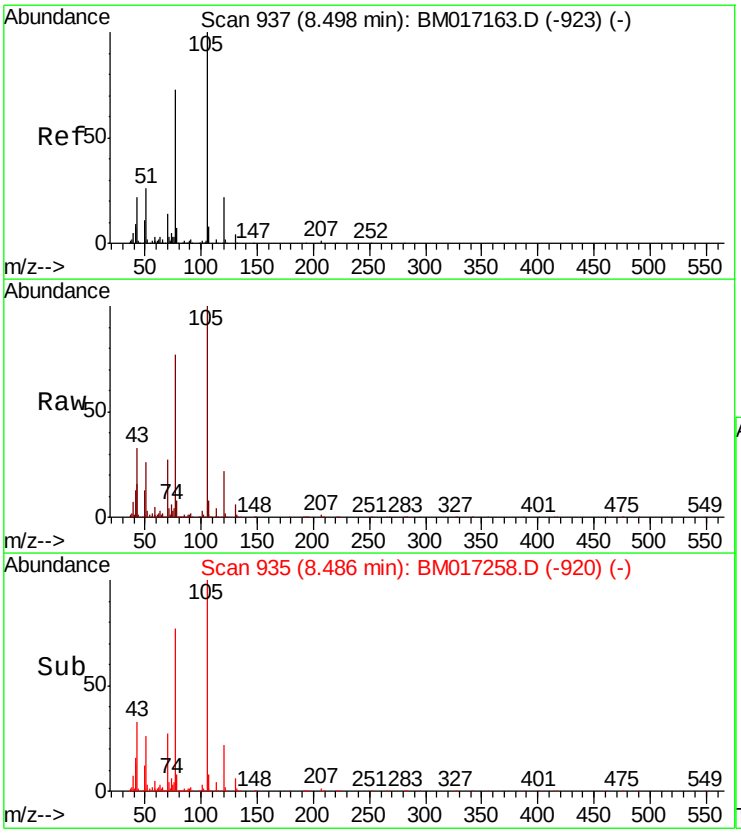

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:136 Resp: 1390488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.2 | 13.8 |
| 54 | 7.7 | 6.7 | 10.1 |
| 68 | 5.7 | 4.7 | 7.1 |

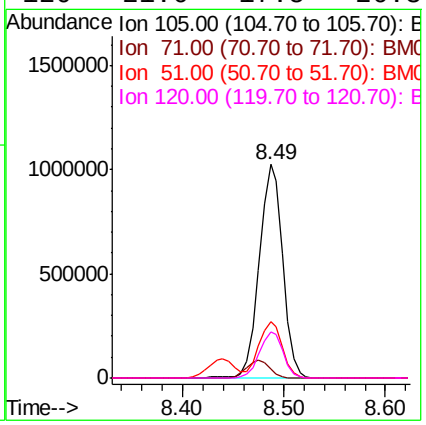


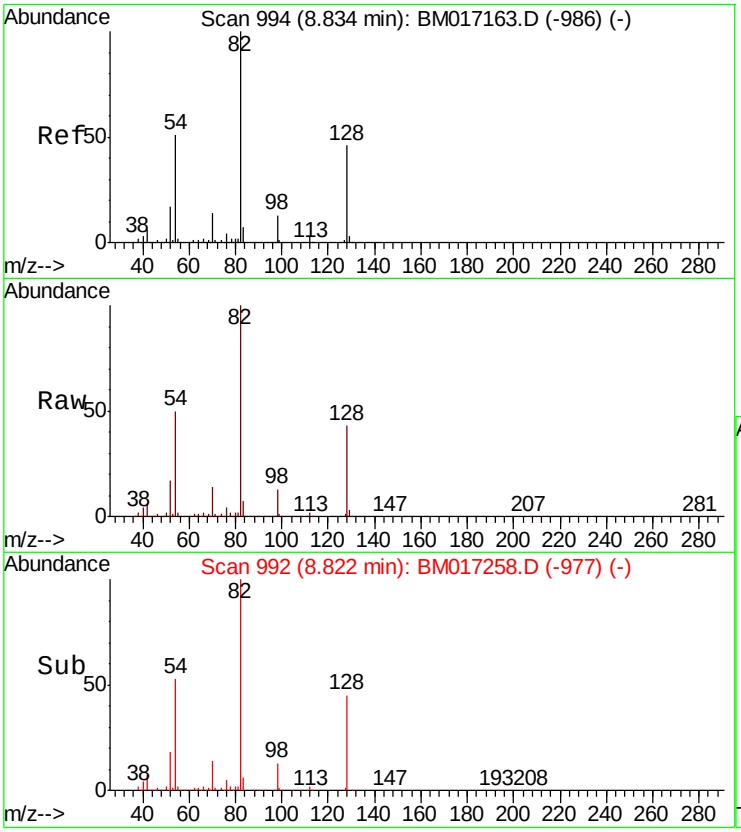




#22
Acetophenone
Concen: 46.918 ng
RT: 8.49 min Scan# 935
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:105 Resp: 1653720

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 4.4 | 2.0 | 3.0# |
| 51 | 26.4 | 20.6 | 31.0 |
| 120 | 21.6 | 17.5 | 26.3 |



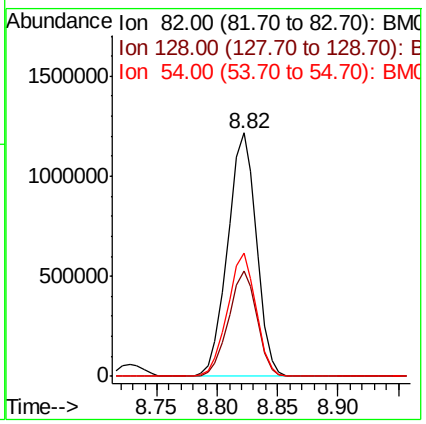


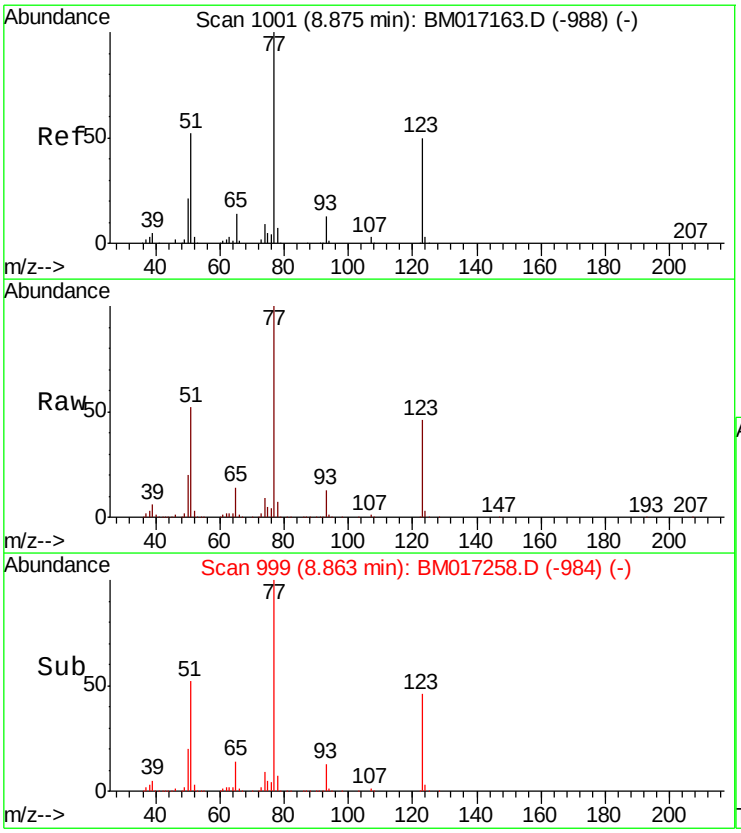

#23
Nitrobenzene-d5
Concen: 85.042 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 82 Resp: 2021861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.5 | 37.0 | 55.6 |
| 54 | 50.4 | 40.7 | 61.1 |

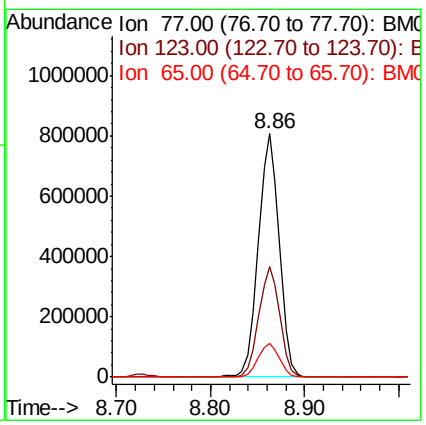


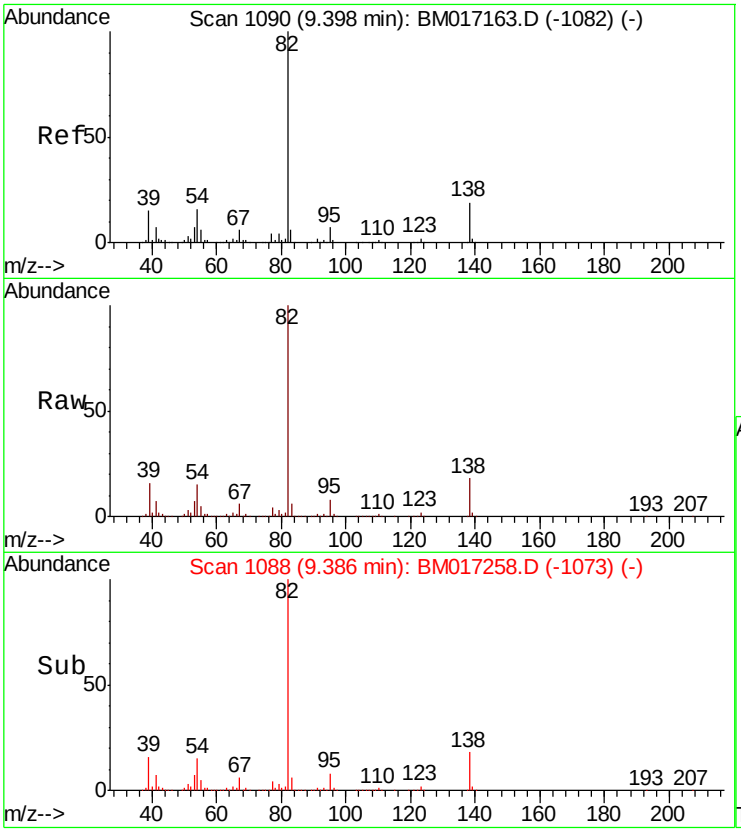




#24
Nitrobenzene
Concen: 49.162 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 77 Resp: 1236340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 45.6 | 40.2 | 60.4 |
| 65 | 14.1 | 11.4 | 17.0 |

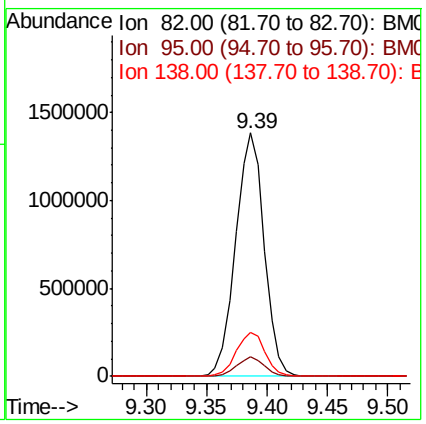




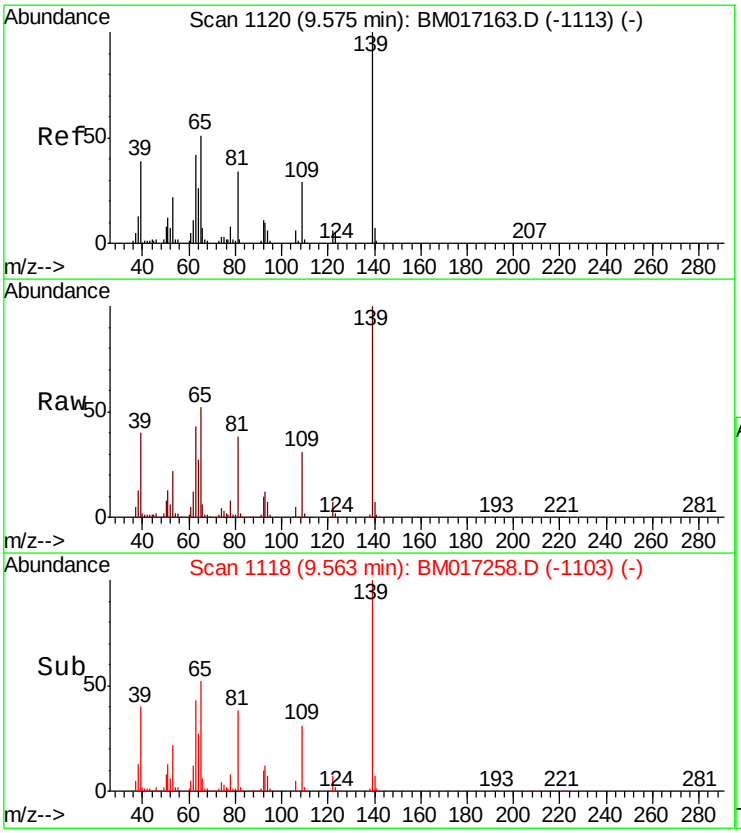

#25
Isophorone
Concen: 58.070 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 82 Resp: 2279781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.8 | 6.0 | 9.0 |
| 138 | 18.3 | 15.4 | 23.2 |



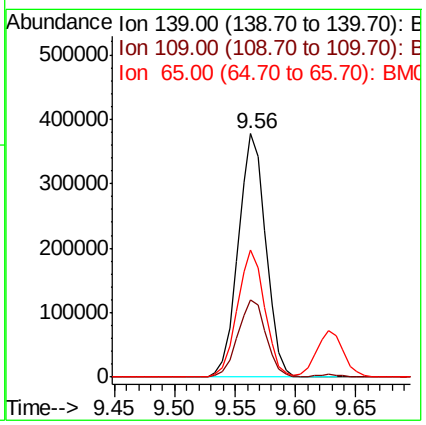

**Instrument :**
BNA_M
**ClientSampleId :**

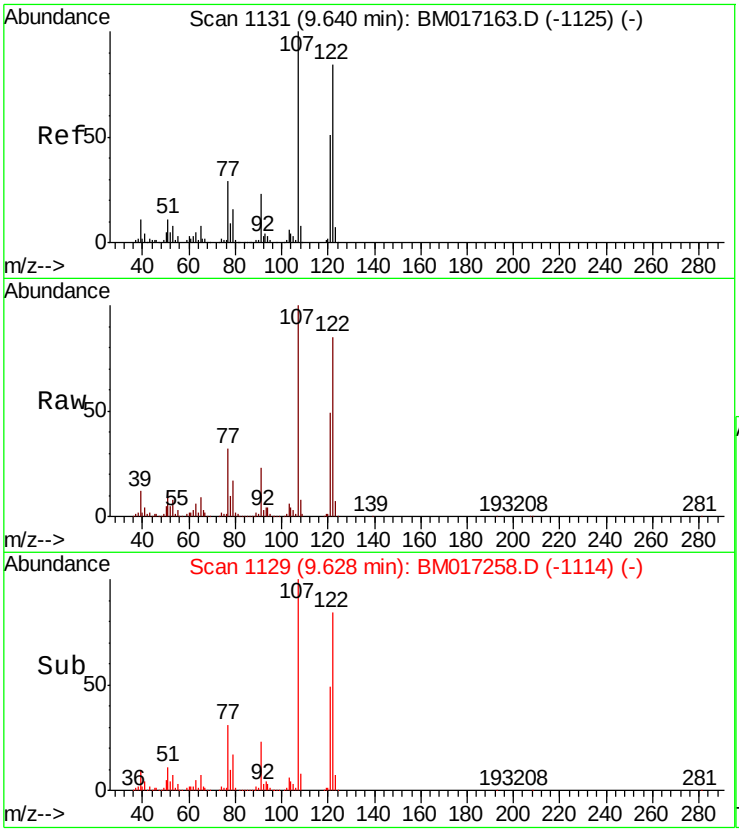



#26
2-Nitrophenol
Concen: 50.849 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:139 Resp: 603004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 31.5 | 23.2 | 34.8 |
| 65 | 52.1 | 40.6 | 61.0 |



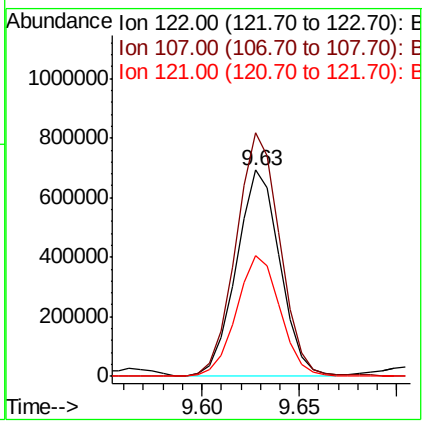


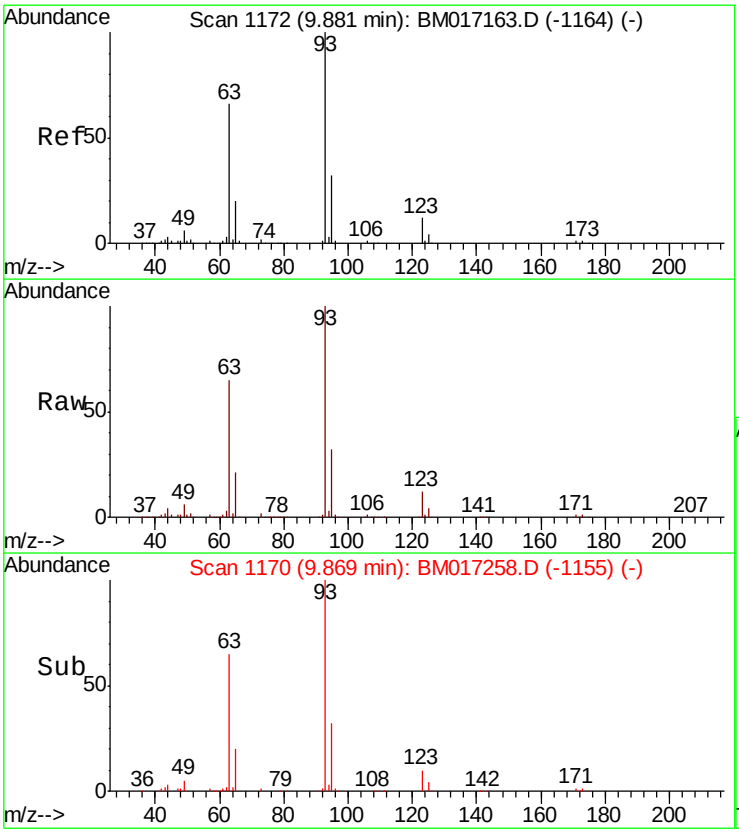

#27
2,4-Dimethylphenol
Concen: 61.098 ng
RT: 9.63 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:122 Resp: 1060644

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 118.2 | 95.0 | 142.6 |
| 121 | 58.4 | 48.2 | 72.4 |

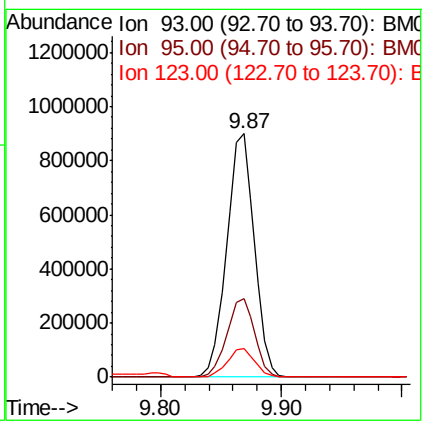


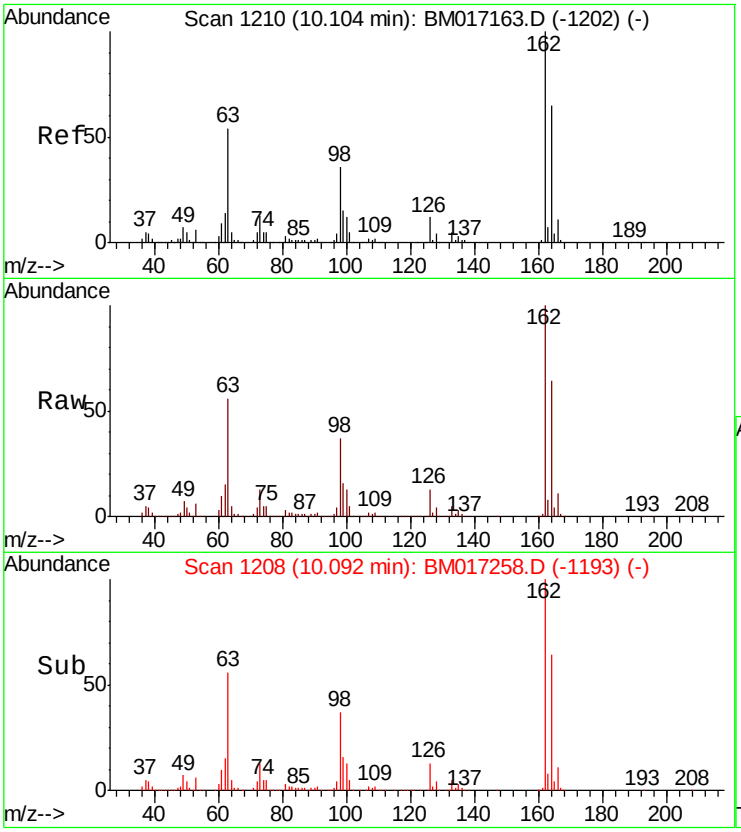




#28
bis(2-Chloroethoxy)methane
Concen: 51.746 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 93 Resp: 1429872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.1 | 25.7 | 38.5 |
| 123 | 11.6 | 9.4 | 14.0 |



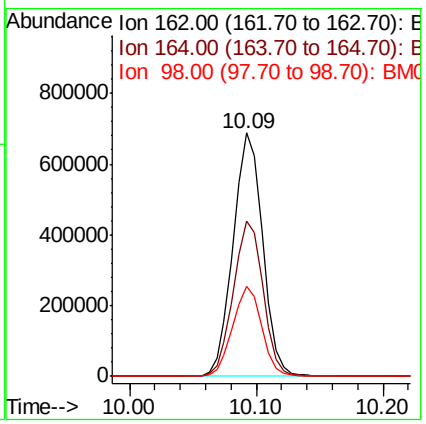


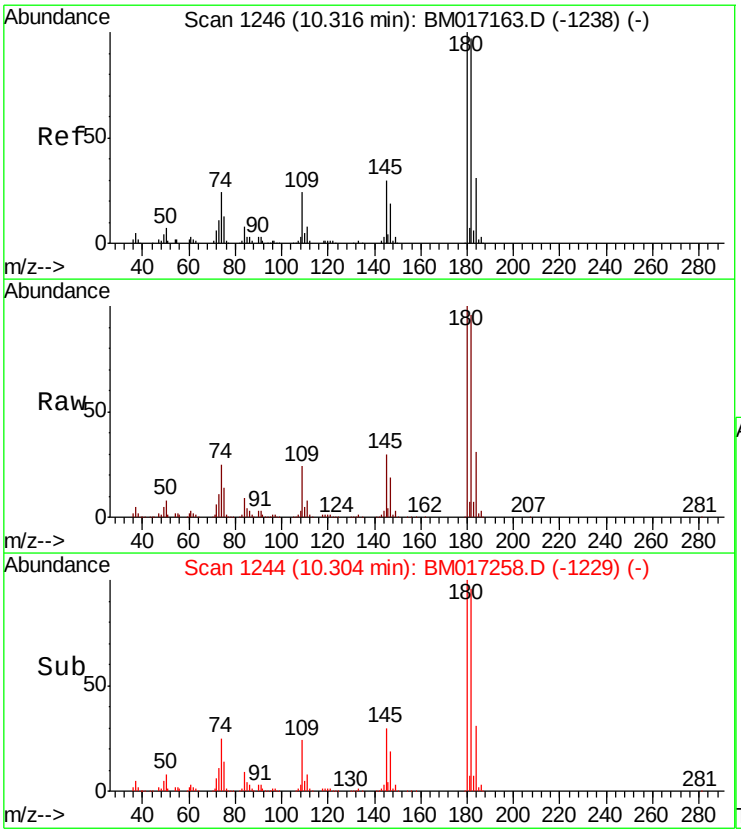

#29
2,4-Dichlorophenol
Concen: 55.093 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:162 Resp: 1110446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.6 | 44.9 | 84.9 |
| 98 | 36.8 | 15.8 | 55.8 |

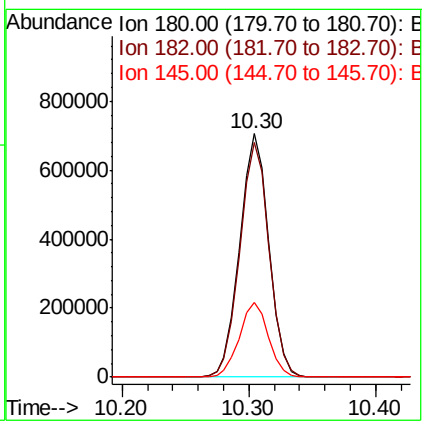


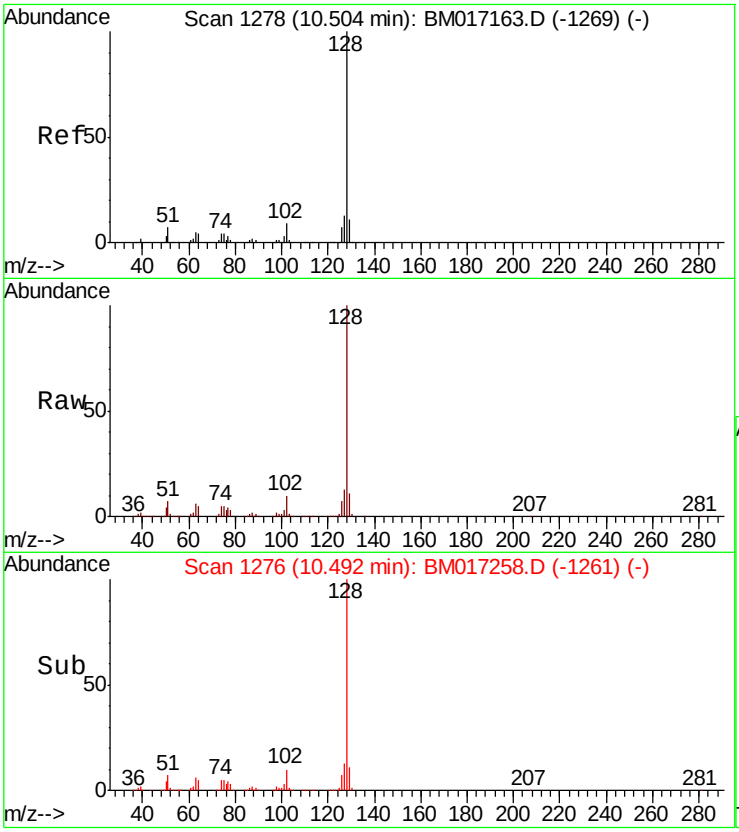




#30
1,2,4-Trichlorobenzene
Concen: 46.417 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:180 Resp: 1122310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 96.5 | 77.5 | 116.3 |
| 145 | 30.5 | 24.0 | 36.0 |



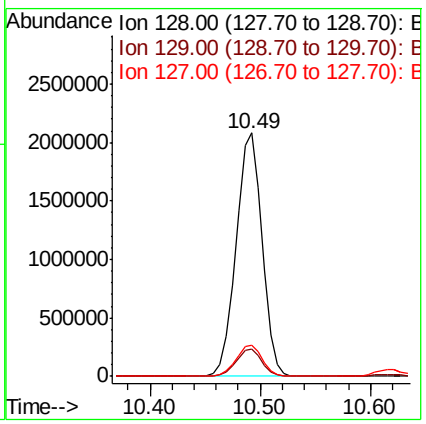


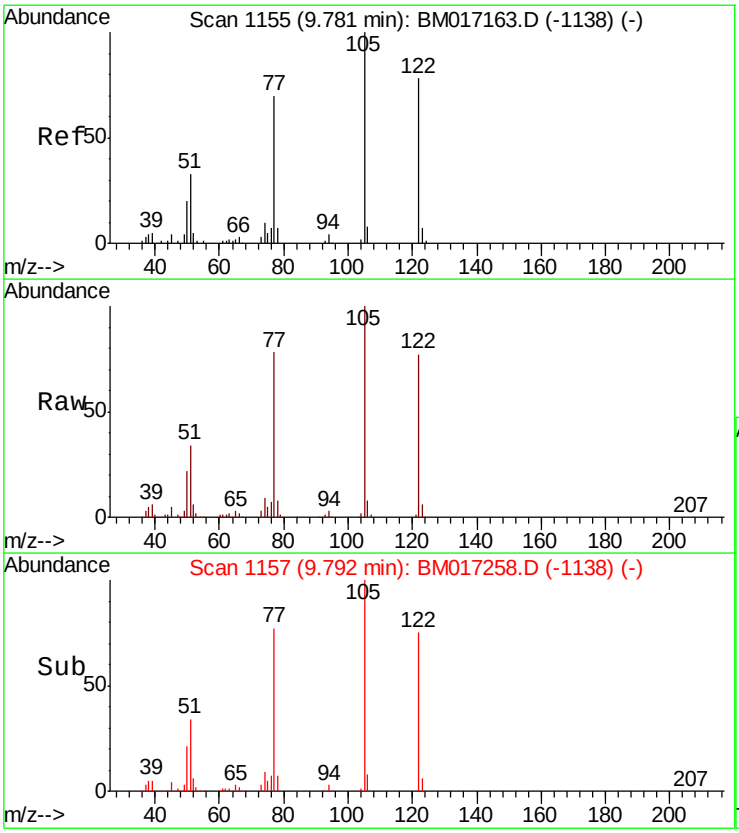

#31
Naphthalene
Concen: 50.462 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:128 Resp: 3438606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.5 | 12.7 |
| 127 | 13.0 | 10.3 | 15.5 |

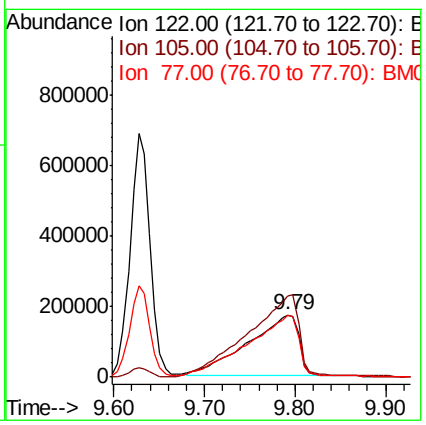


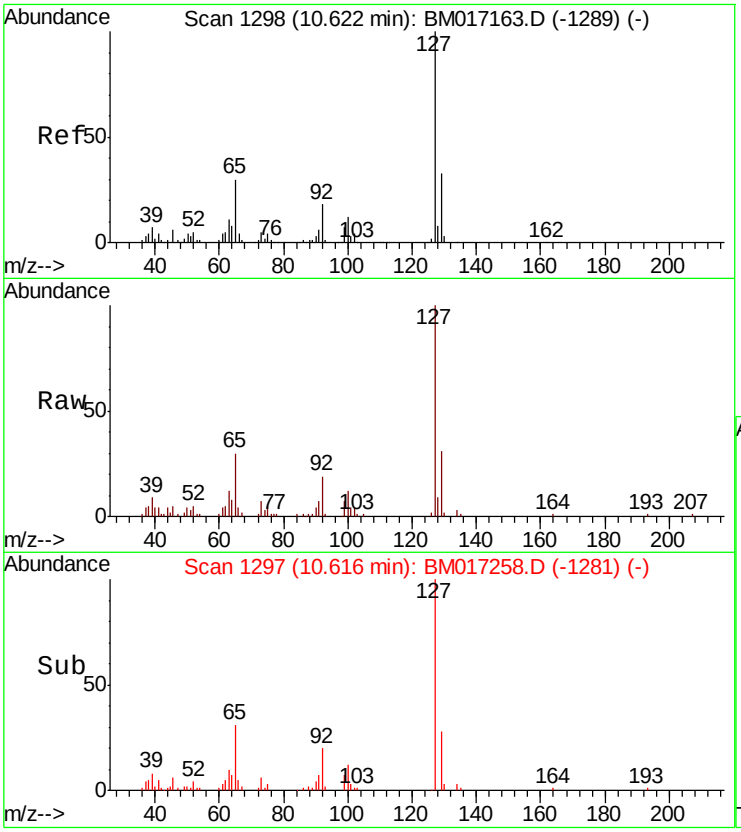




#32
Benzoic acid
Concen: 52.091 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:122 Resp: 674715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 130.0 | 102.0 | 142.0 |
| 77 | 100.8 | 67.7 | 107.7 |



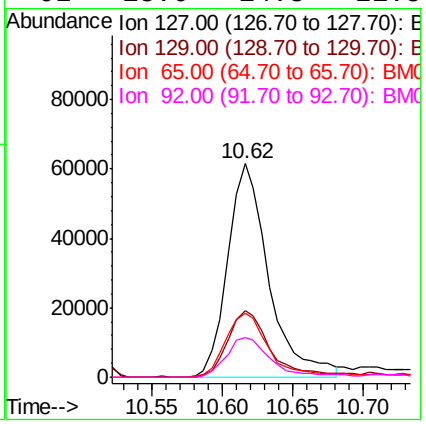


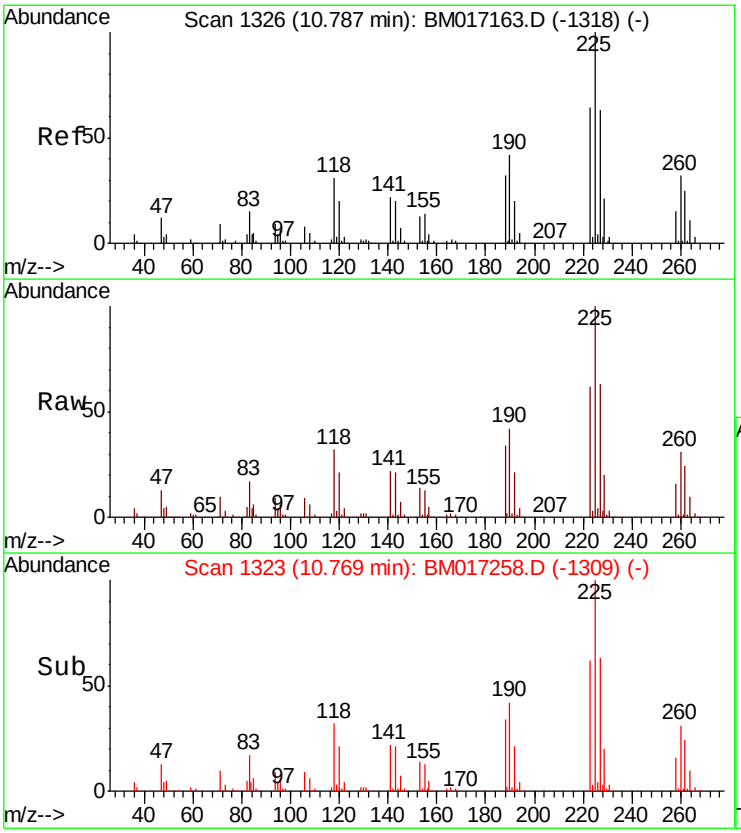

#33
4-Chloroaniline
Concen: 4.253 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:127 Resp: 125170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.0 | 26.2 | 39.4 |
| 65 | 29.8 | 23.7 | 35.5 |
| 92 | 18.6 | 14.3 | 21.5 |

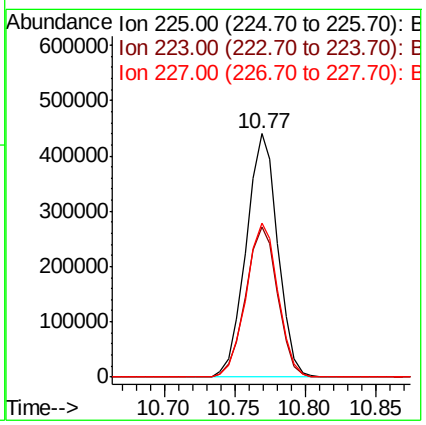


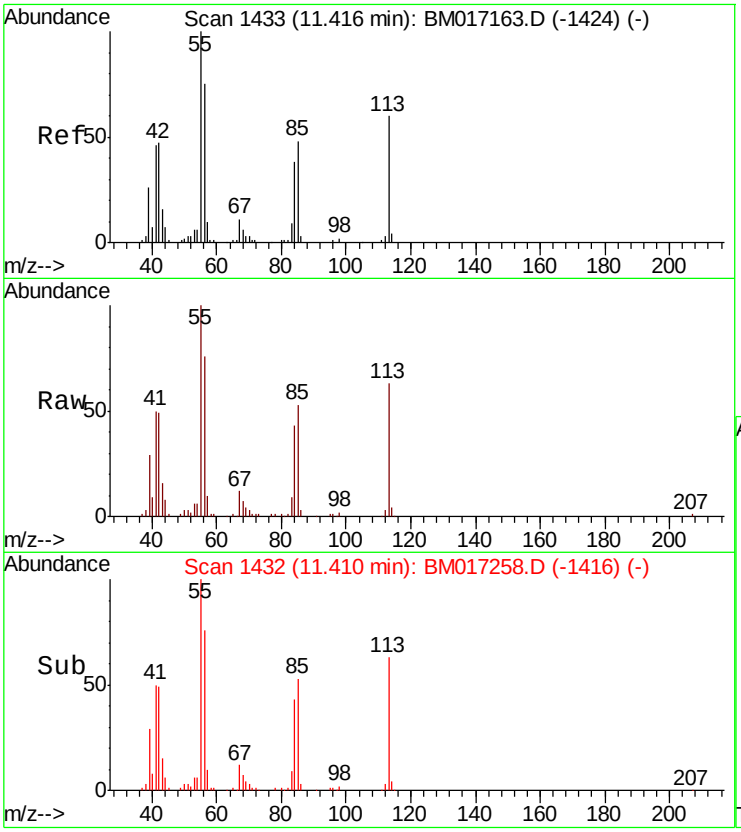




#34
Hexachlorobutadiene
Concen: 45.189 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:225 Resp: 692305

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.9 | 51.0 | 76.6 |
| 227 | 63.5 | 50.8 | 76.2 |



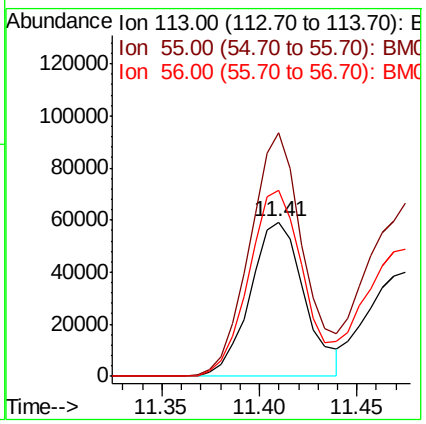


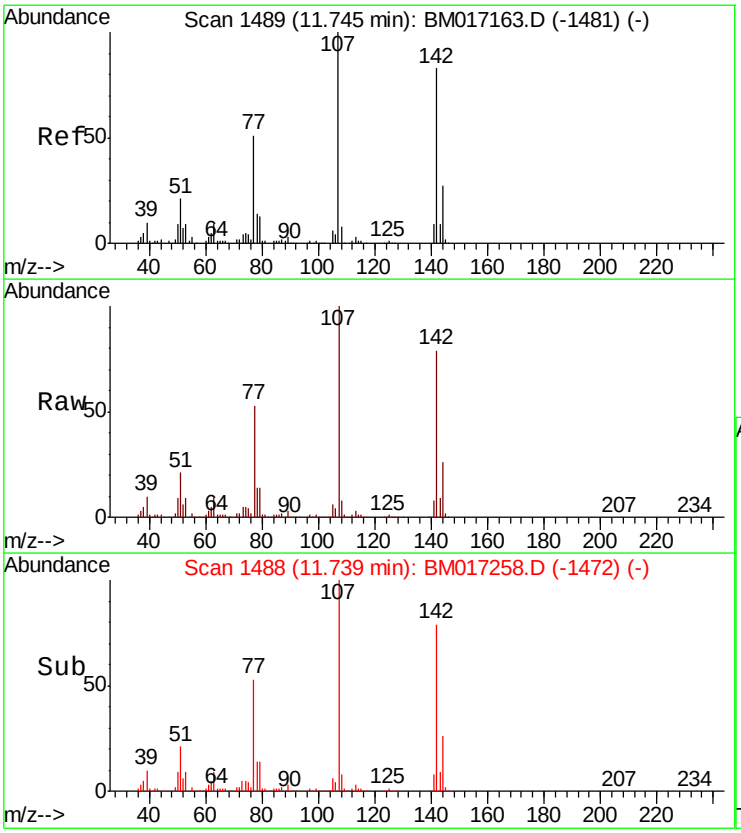

#35
Caprolactam
Concen: 15.562 ng
RT: 11.41 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:113 Resp: 114308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 158.0 | 147.0 | 187.0 |
| 56 | 120.5 | 104.5 | 144.5 |

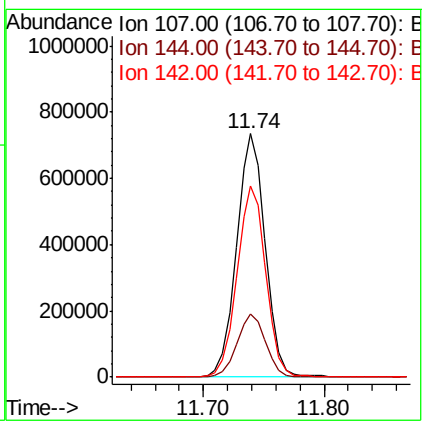


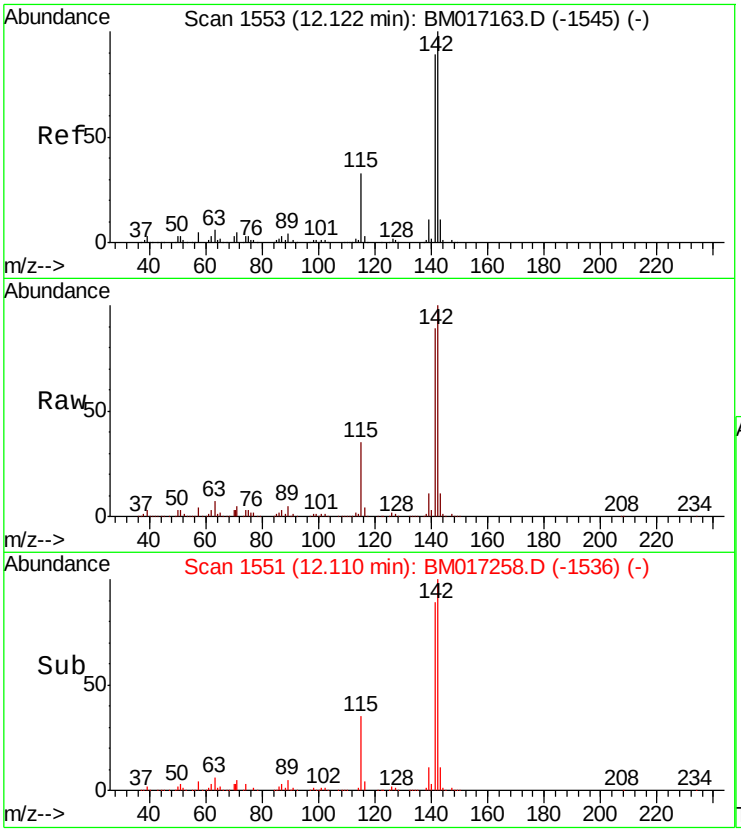




#36
4-Chloro-3-methylphenol
Concen: 53.279 ng
RT: 11.74 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:107 Resp: 1210489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 26.1 | 21.6 | 32.4 |
| 142 | 78.7 | 66.0 | 99.0 |



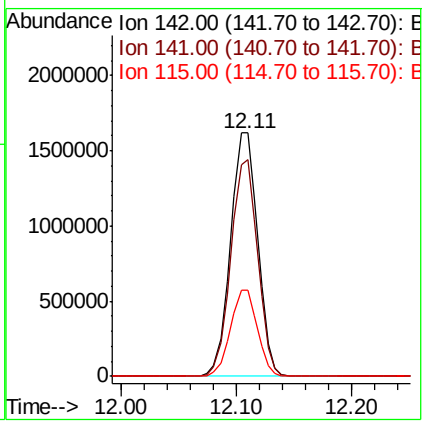


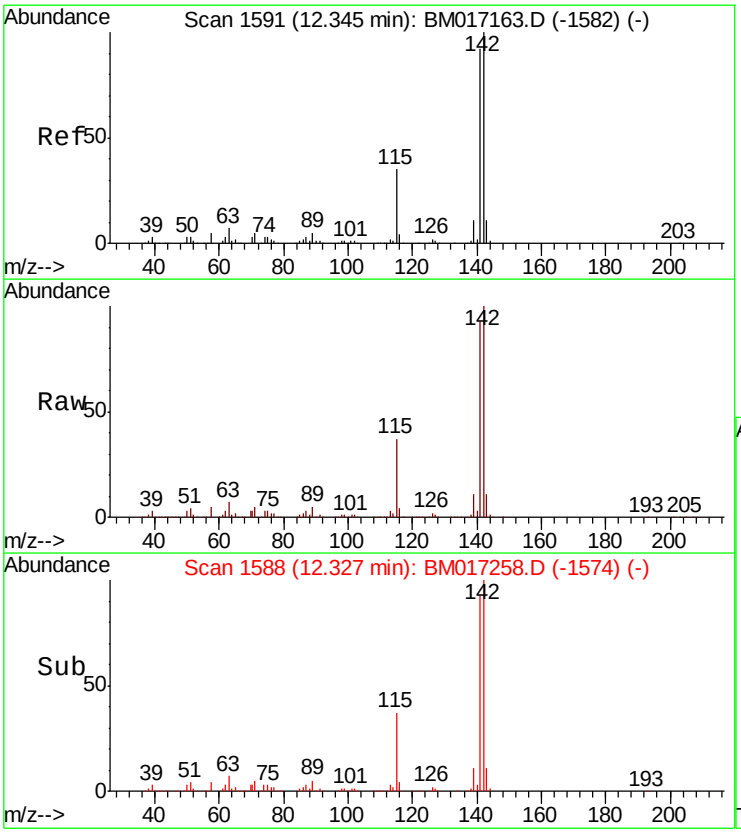

#37
2-Methylnaphthalene
Concen: 56.594 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:142 Resp: 2638981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.2 | 70.9 | 106.3 |
| 115 | 35.3 | 26.4 | 39.6 |

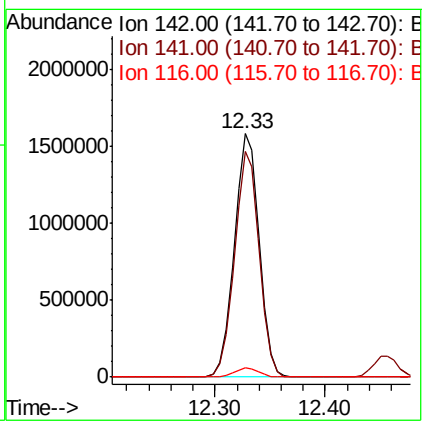


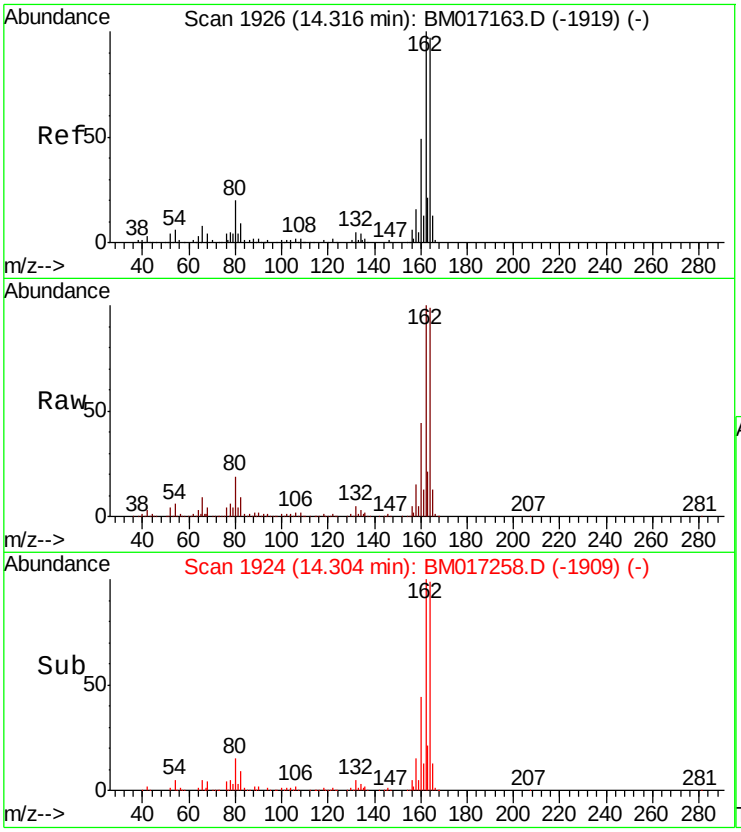




#38
1-Methylnaphthalene
Concen: 54.810 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:142 Resp: 2487509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.8 | 73.8 | 110.6 |
| 116 | 4.0 | 2.9 | 4.3 |



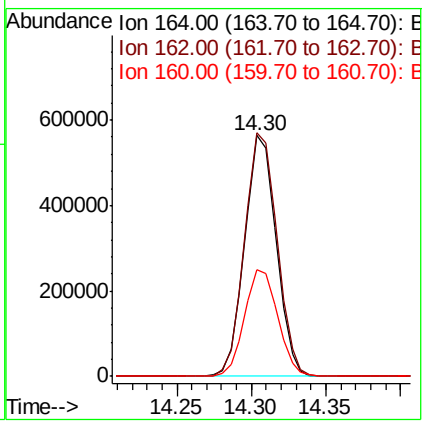


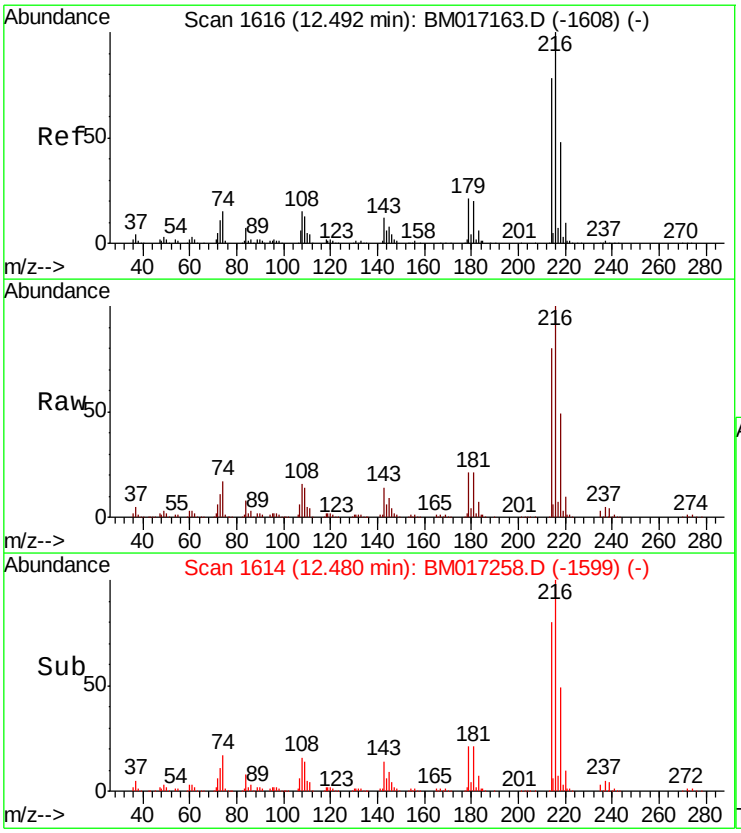

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:164 Resp: 823163

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.2 | 82.1 | 123.1 |
| 160 | 44.4 | 40.2 | 60.2 |

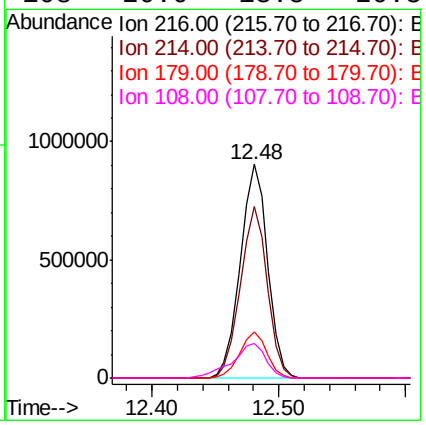


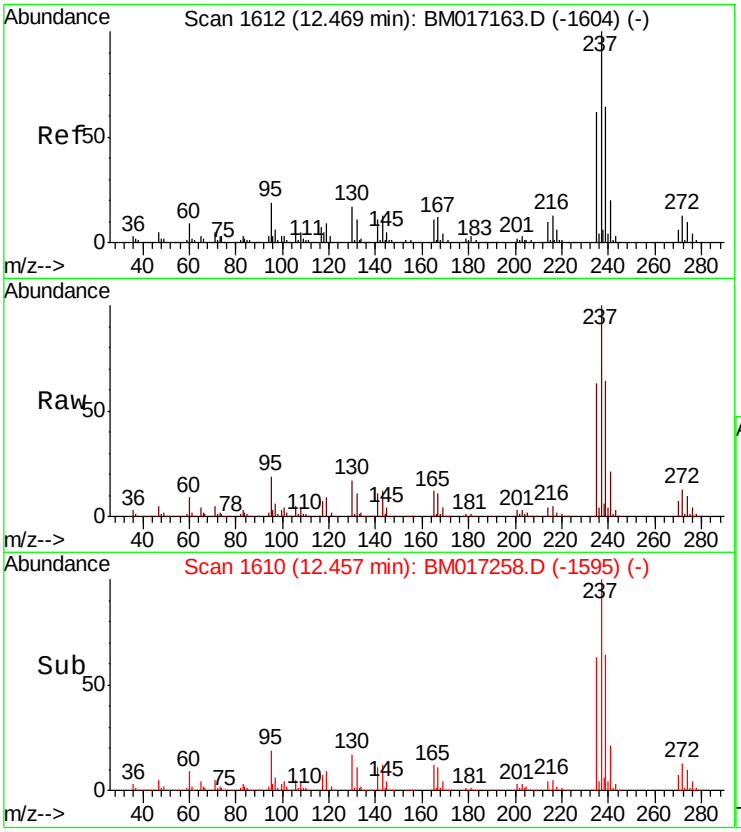




#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.454 ng
RT: 12.48 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:216 Resp: 1346650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.0 | 62.6 | 93.8 |
| 179 | 21.1 | 16.6 | 24.8 |
| 108 | 20.0 | 13.5 | 20.3 |



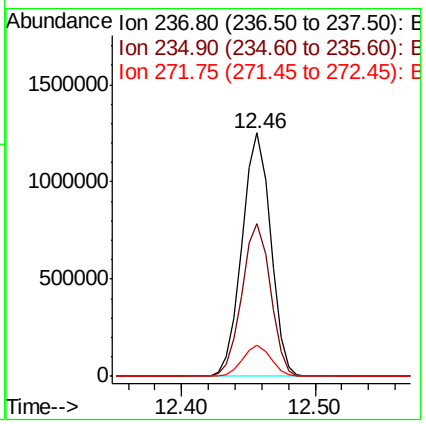


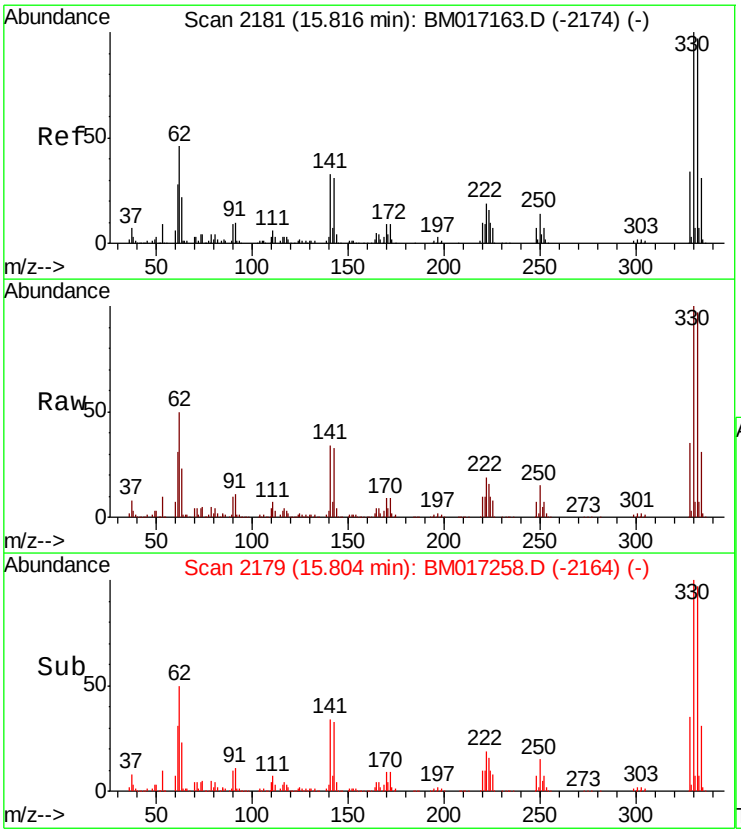

#41
Hexachlorocyclopentadiene
Concen: 131.778 ng
RT: 12.46 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:237 Resp: 1846776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.8 | 42.4 | 82.4 |
| 272 | 12.6 | 0.0 | 33.0 |

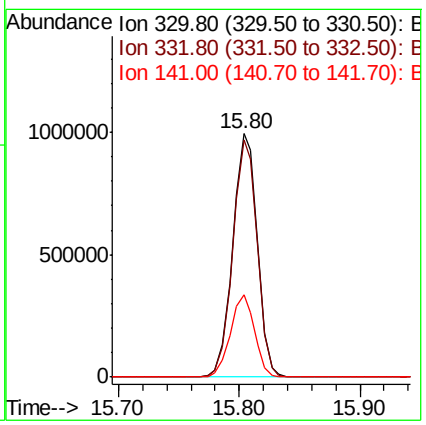


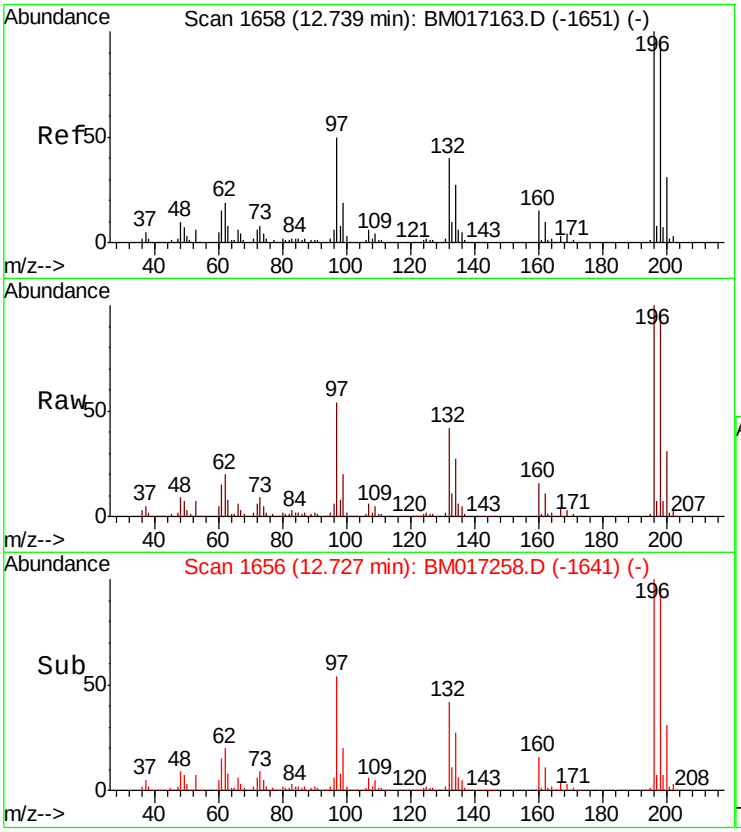




#42
2,4,6-Tribromophenol
Concen: 126.290 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:330 Resp: 1405866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.1 | 77.3 | 115.9 |
| 141 | 33.4 | 27.4 | 41.0 |



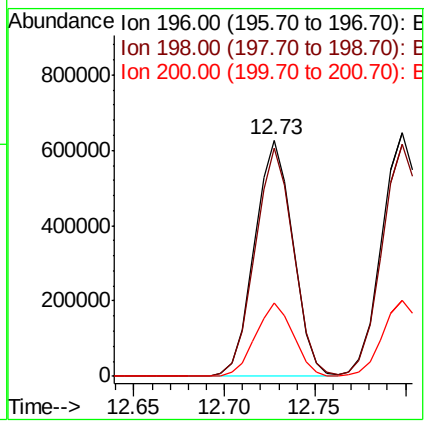


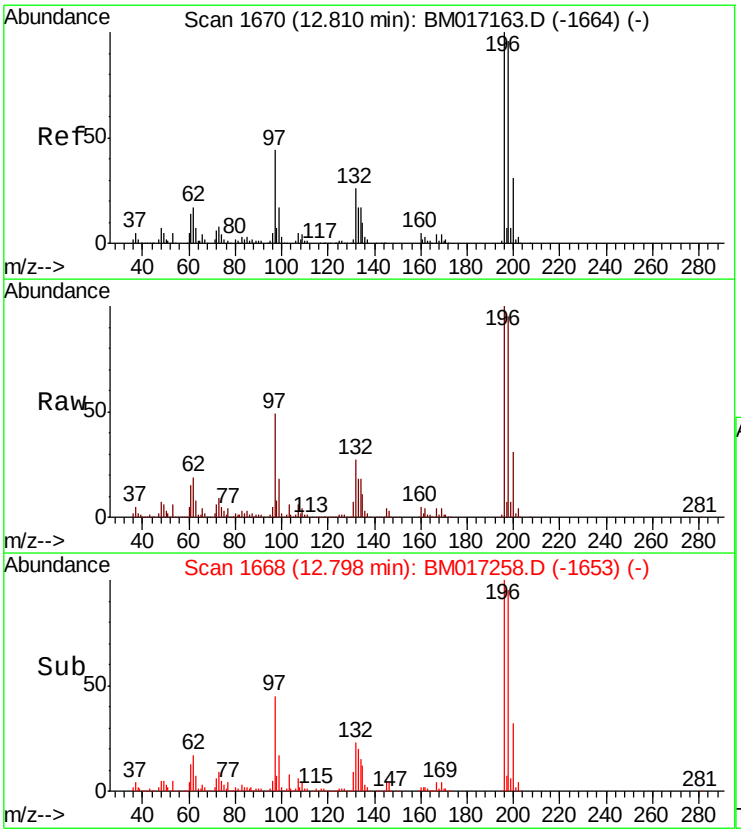

#43
2,4,6-Trichlorophenol
Concen: 54.988 ng
RT: 12.73 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:196 Resp: 925344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.6 | 77.1 | 115.7 |
| 200 | 30.9 | 25.0 | 37.4 |

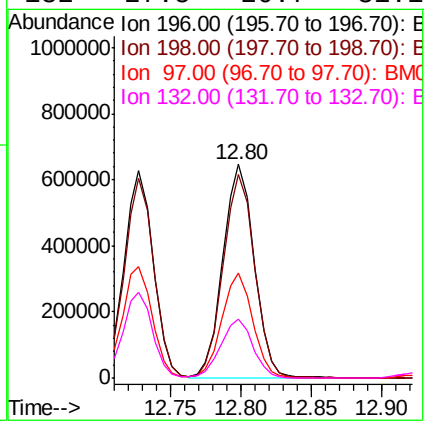


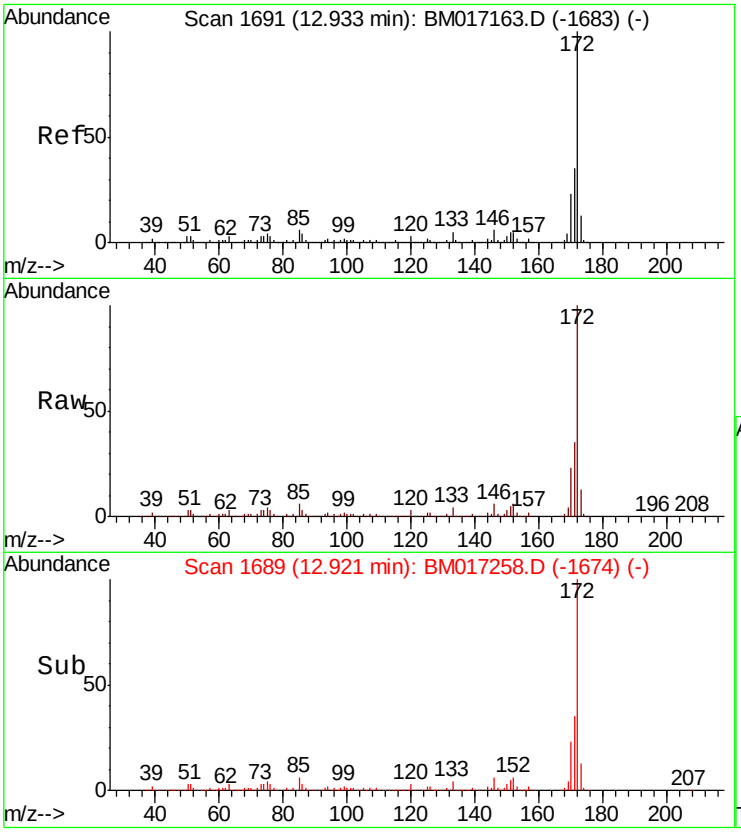




#44
2,4,5-Trichlorophenol
Concen: 55.058 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:196 Resp: 993535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 76.6 | 115.0 |
| 97 | 49.0 | 35.5 | 53.3 |
| 132 | 27.5 | 20.7 | 31.1 |



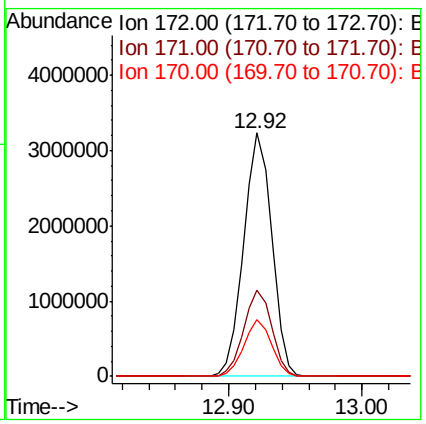


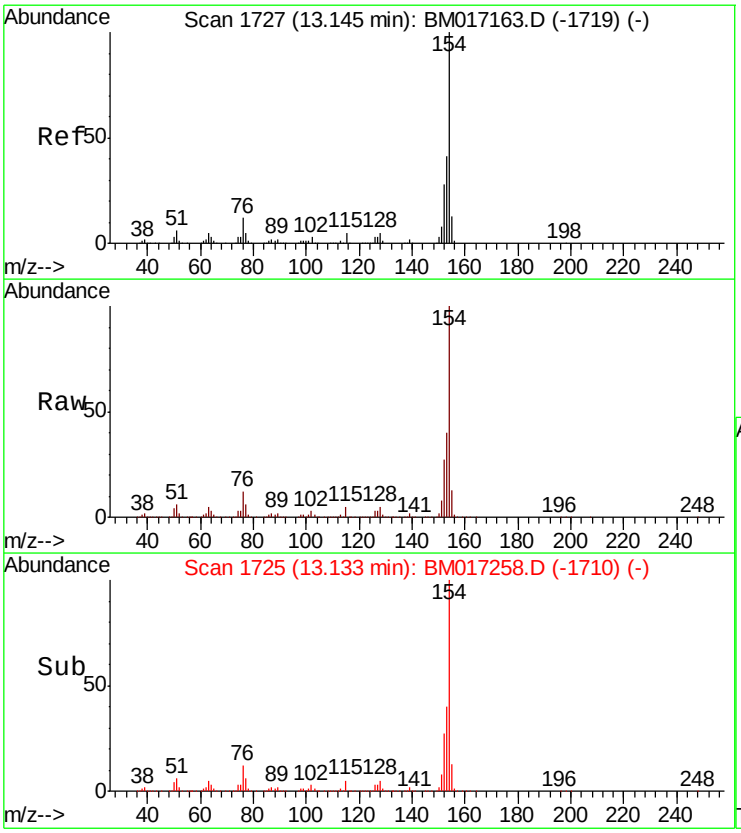

#45
2-Fluorobiphenyl
Concen: 75.749 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:172 Resp: 4686357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.3 | 42.5 |
| 170 | 23.2 | 18.3 | 27.5 |

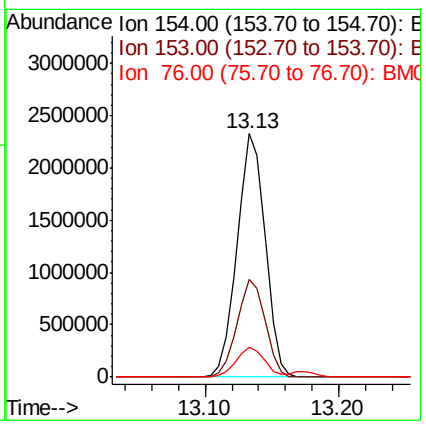


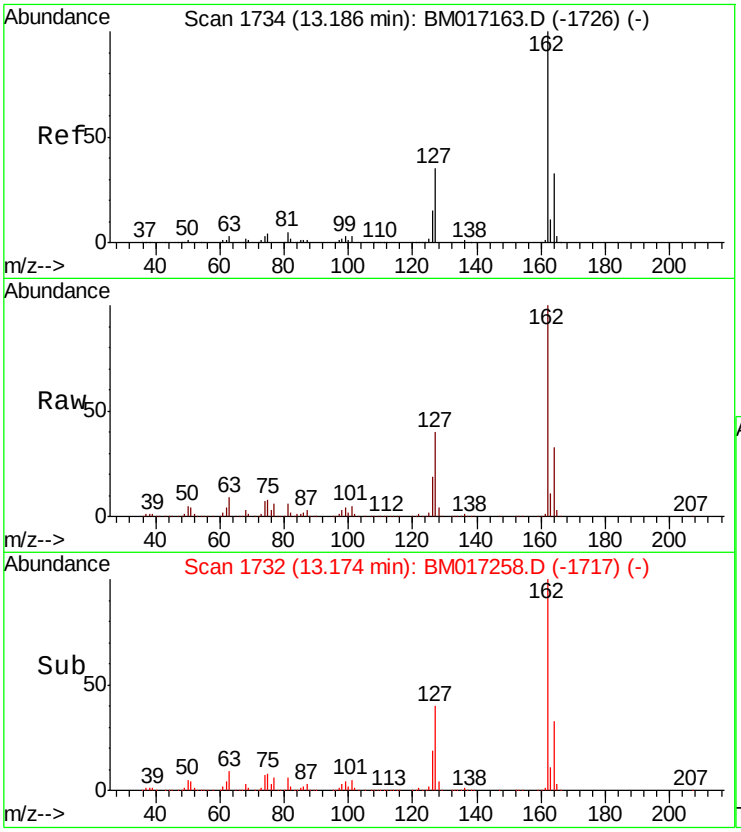




#46
1,1'-Biphenyl
Concen: 45.590 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:154 Resp: 3377160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.2 | 20.5 | 60.5 |
| 76 | 12.2 | 0.0 | 31.8 |



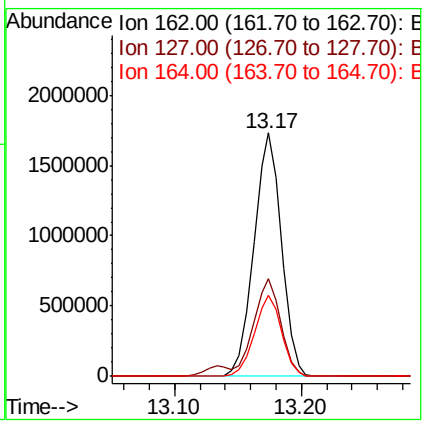


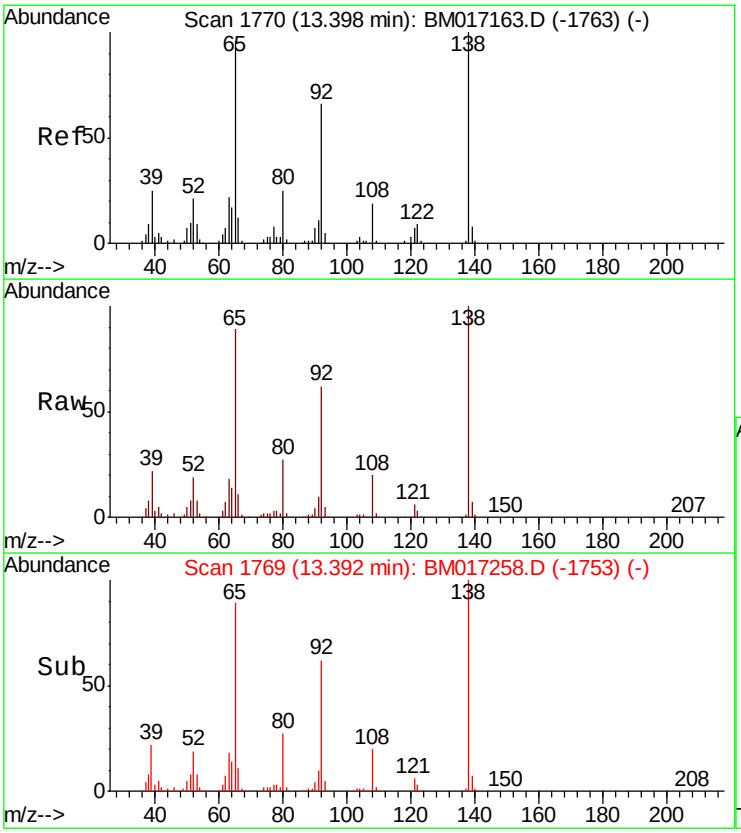

#47
2-Chloronaphthalene
Concen: 48.019 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:162 Resp: 2616832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 40.2 | 31.0 | 46.4 |
| 164 | 33.2 | 26.6 | 39.8 |

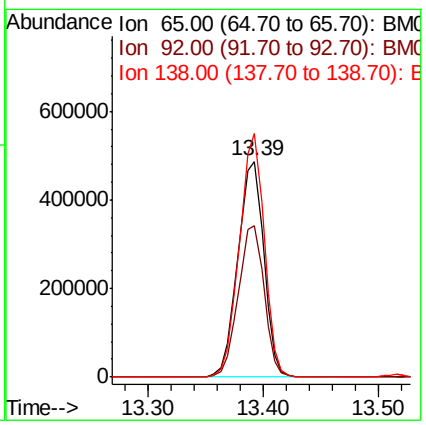


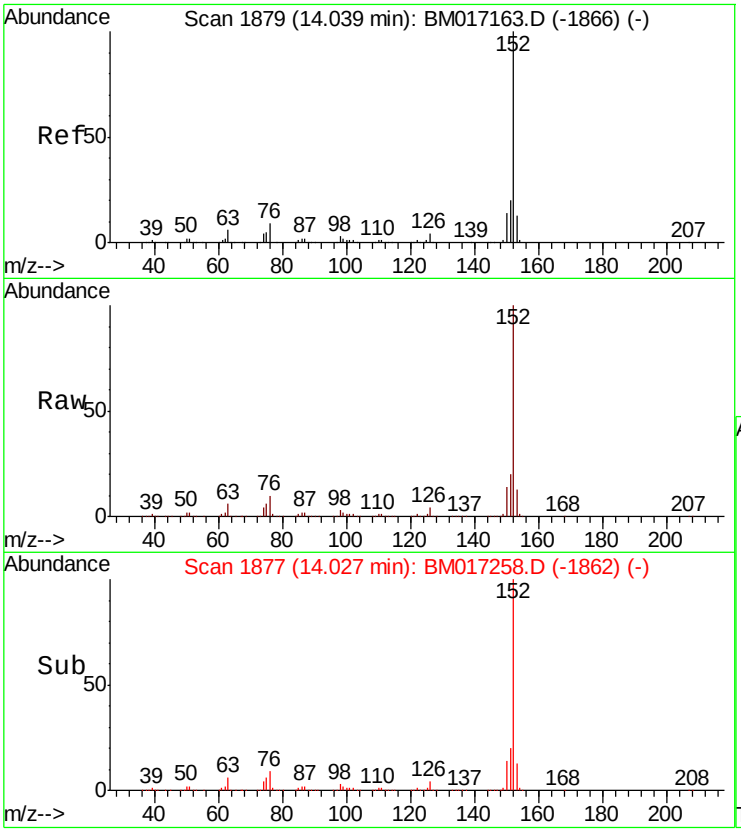




#48
2-Nitroaniline
Concen: 49.366 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion: 65 Resp: 762864

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.3 | 54.9 | 82.3 |
| 138 | 112.8 | 83.7 | 125.5 |



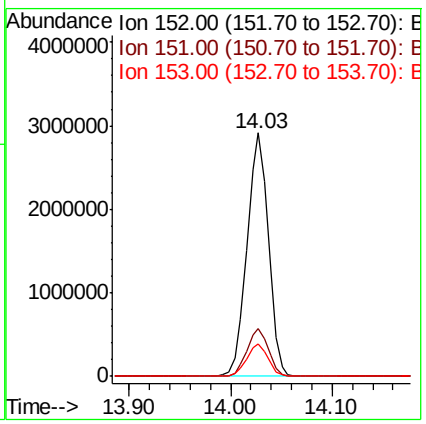


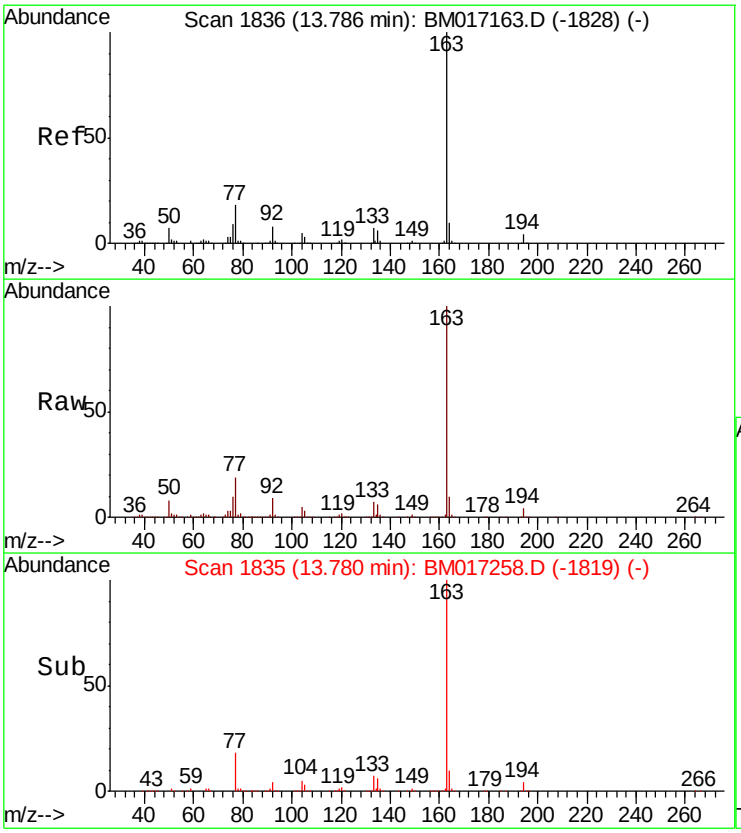

#49
Acenaphthylene
Concen: 54.092 ng
RT: 14.03 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:152 Resp: 4272820

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 16.0 | 24.0 |
| 153 | 13.1 | 10.4 | 15.6 |

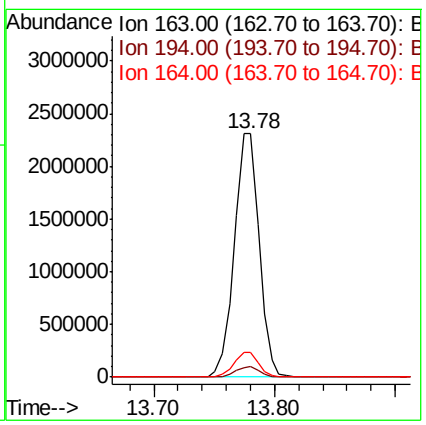


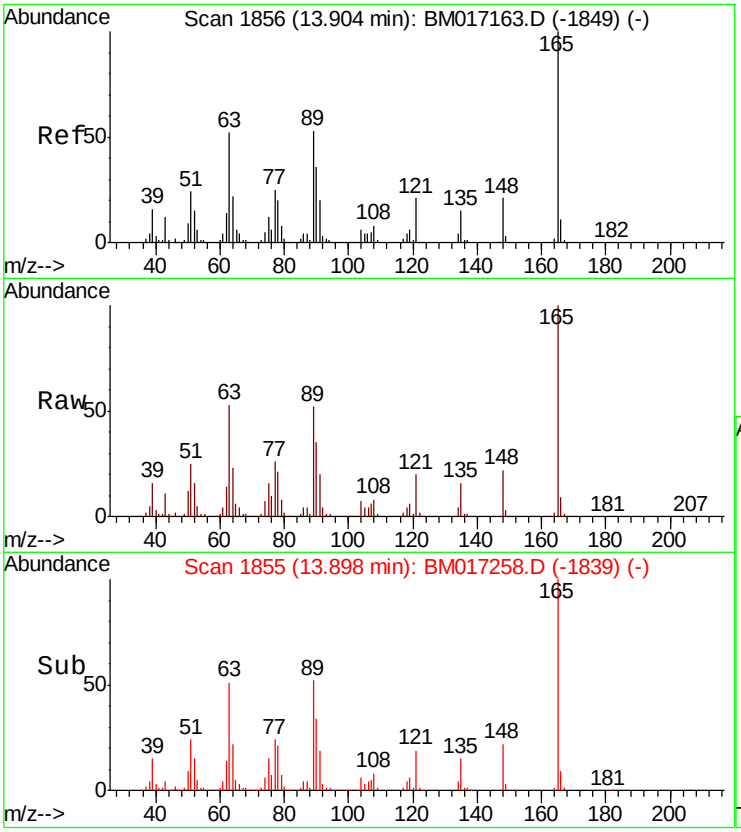




#50
Dimethylphthalate
Concen: 52.201 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:163 Resp: 3315181

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 9.9 | 7.8 | 11.8 |



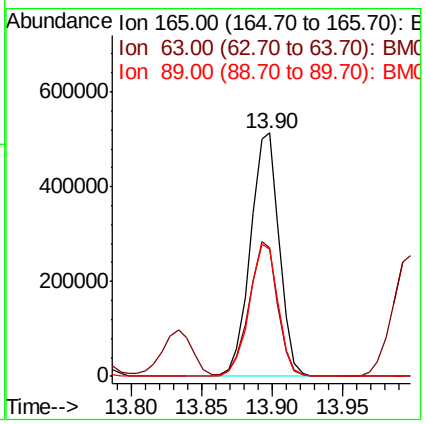


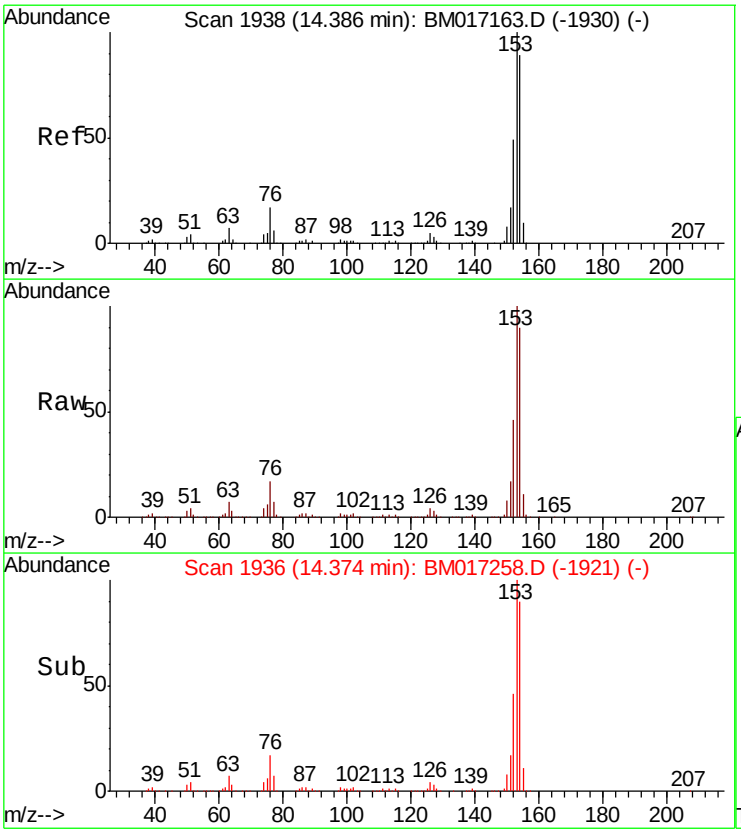

#51
2,6-Dinitrotoluene
Concen: 52.625 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:165 Resp: 735579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 52.6 | 42.7 | 64.1 |
| 89 | 52.4 | 42.1 | 63.1 |

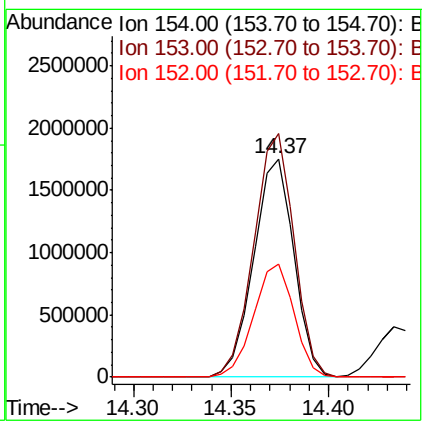


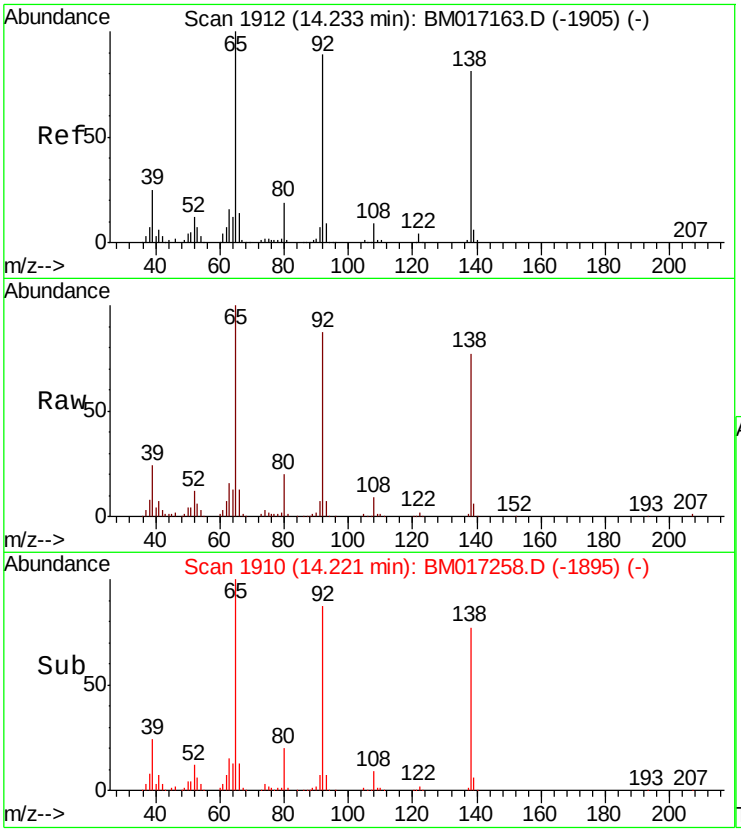




#52
Acenaphthene
Concen: 50.528 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:154 Resp: 2506006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 111.7 | 90.2 | 135.2 |
| 152 | 51.8 | 44.2 | 66.4 |



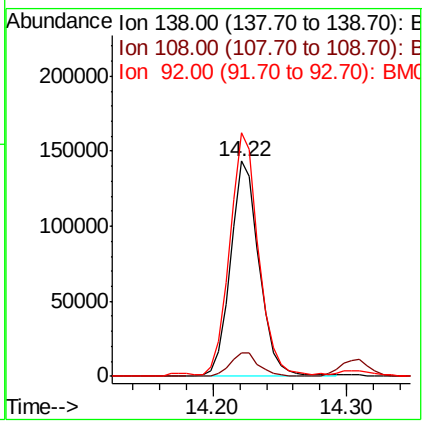


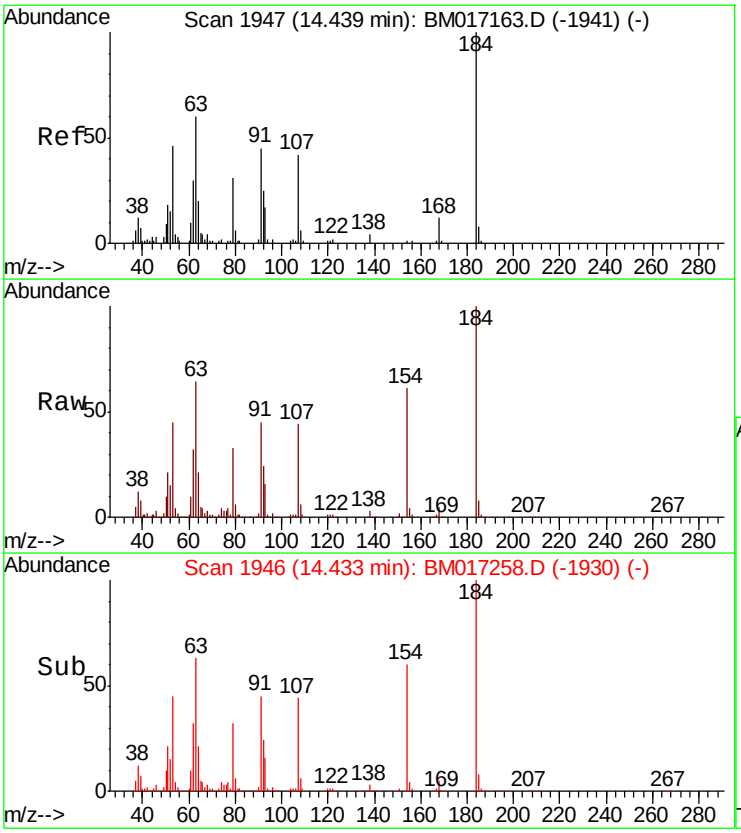

#53
3-Nitroaniline
Concen: 14.178 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:138 Resp: 214633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 11.1 | 8.7 | 13.1 |
| 92 | 113.2 | 87.9 | 131.9 |

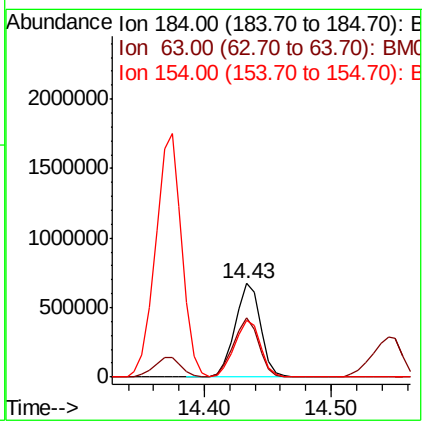


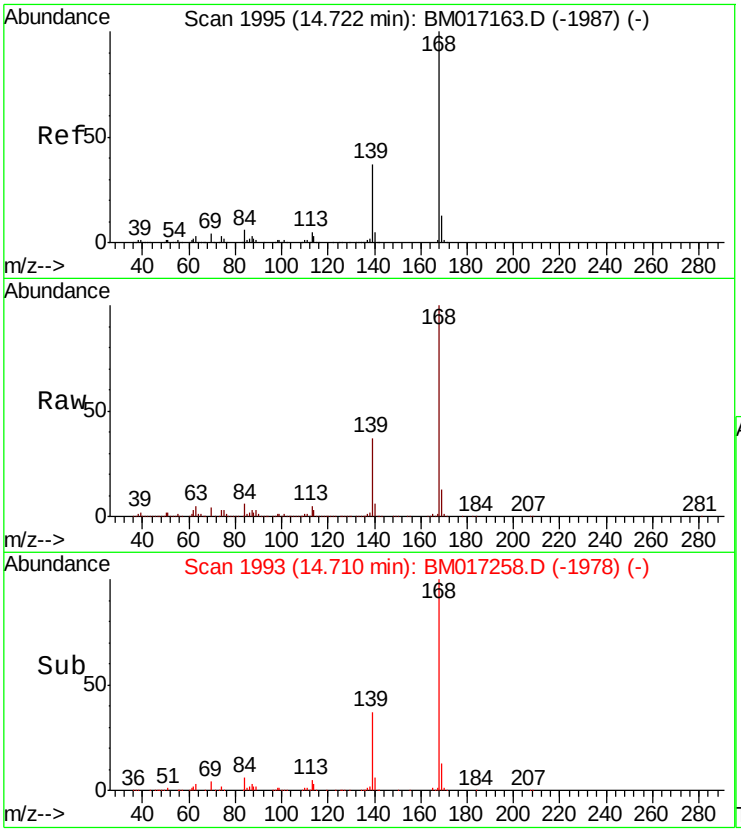




#54
2,4-Dinitrophenol
Concen: 110.976 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:184 Resp: 939121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 63.6 | 51.2 | 76.8 |
| 154 | 60.6 | 47.8 | 71.8 |



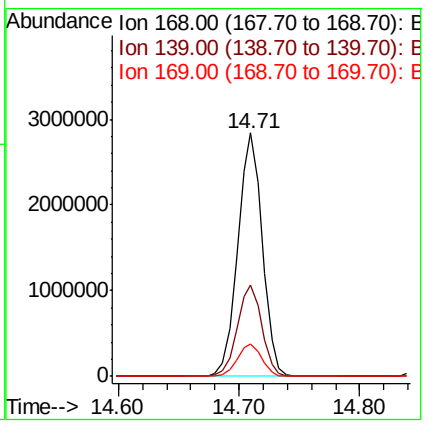


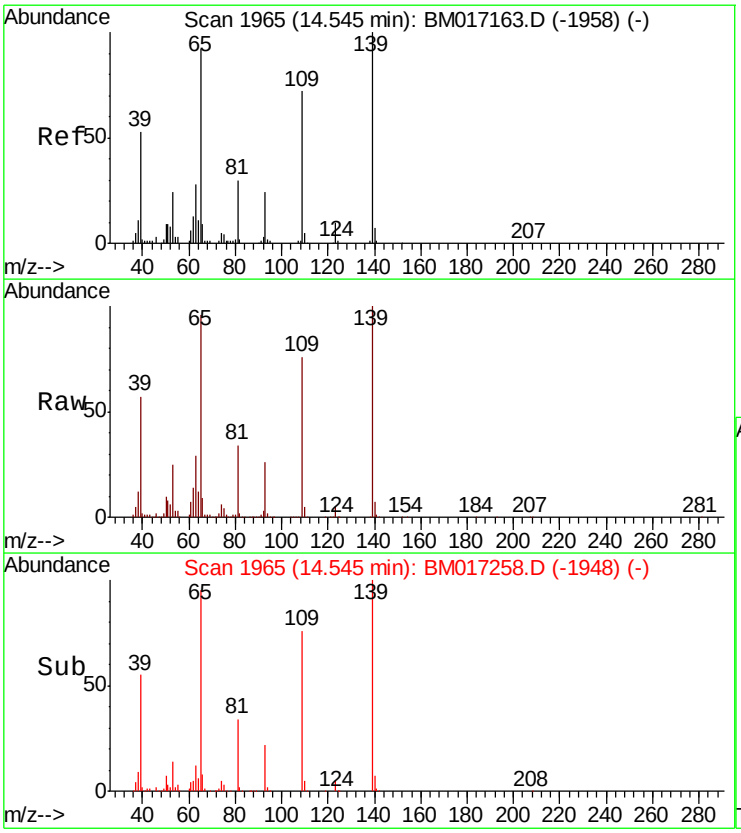

#55
Dibenzofuran
Concen: 48.344 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:168 Resp: 3987242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 37.4 | 29.3 | 43.9 |
| 169 | 13.3 | 10.6 | 15.8 |

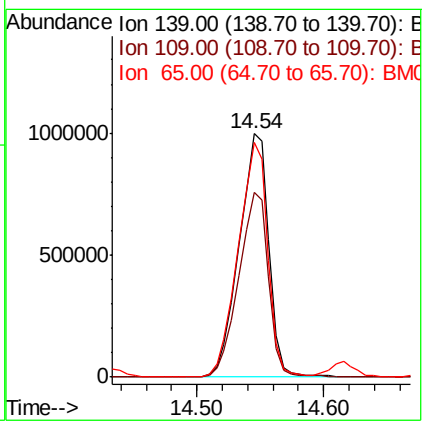


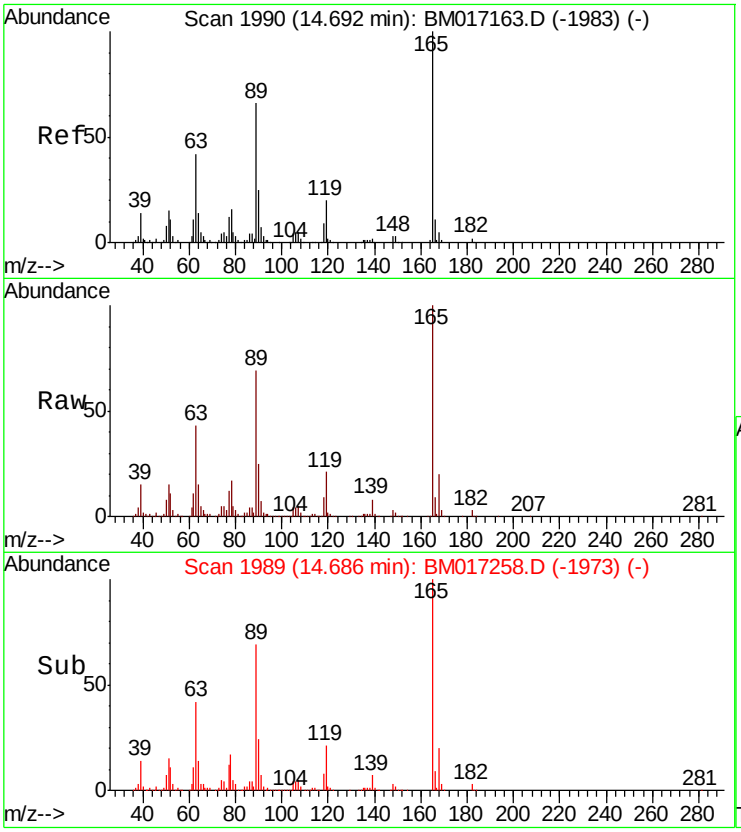




#56
4-Nitrophenol
Concen: 115.433 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:139 Resp: 1623266

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 75.7 | 51.8 | 91.8 |
| 65 | 96.5 | 72.1 | 112.1 |



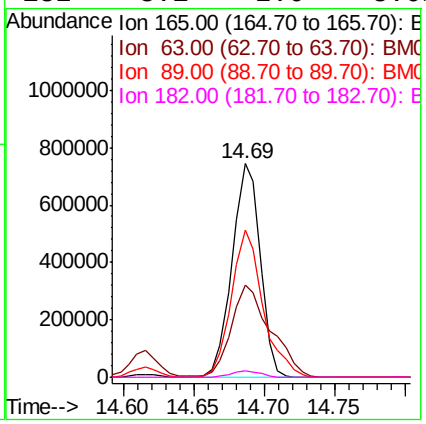


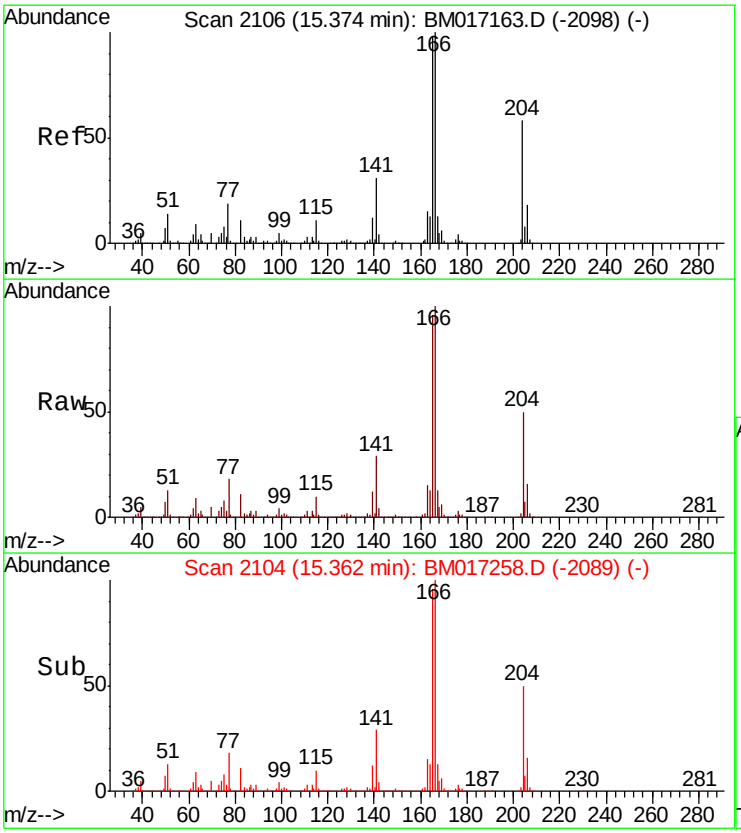

#57
2,4-Dinitrotoluene
Concen: 54.963 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:165 Resp: 1032568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 43.1 | 33.8 | 50.8 |
| 89 | 68.8 | 53.1 | 79.7 |
| 182 | 3.1 | 2.0 | 3.0# |

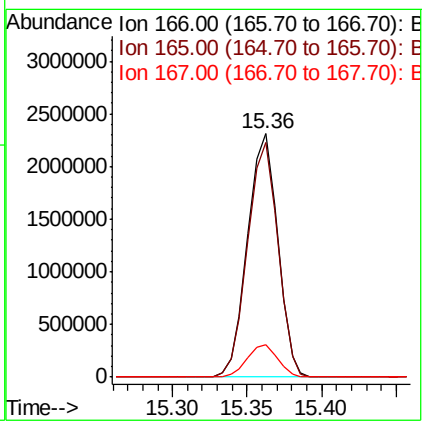


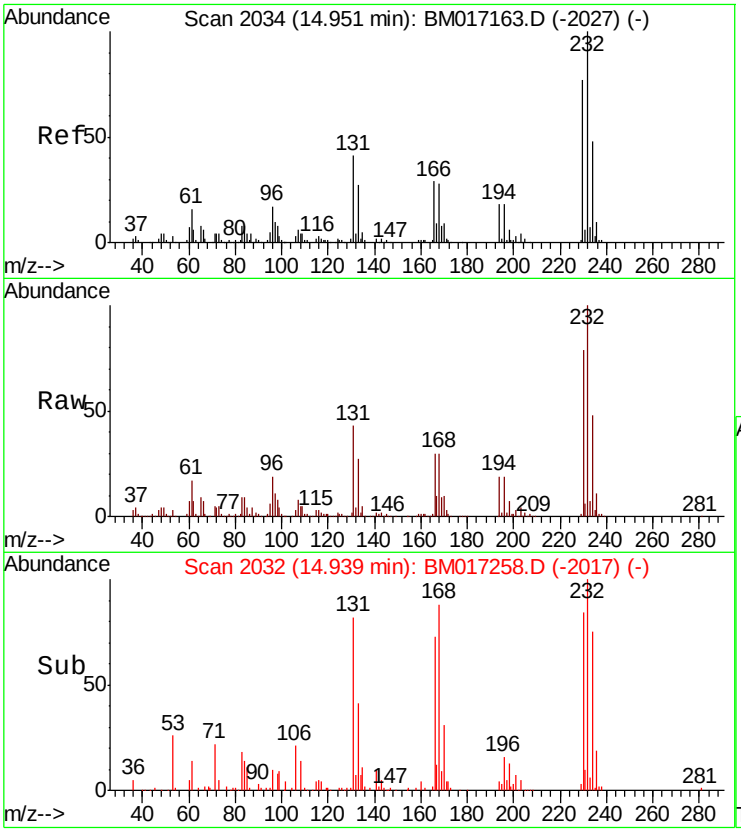




#58
Fluorene
Concen: 52.906 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:166 Resp: 3229825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.3 | 78.1 | 117.1 |
| 167 | 13.3 | 10.6 | 16.0 |



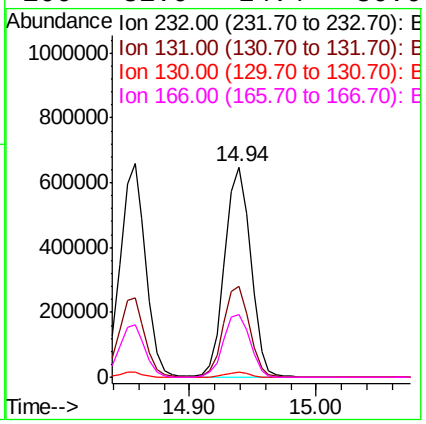


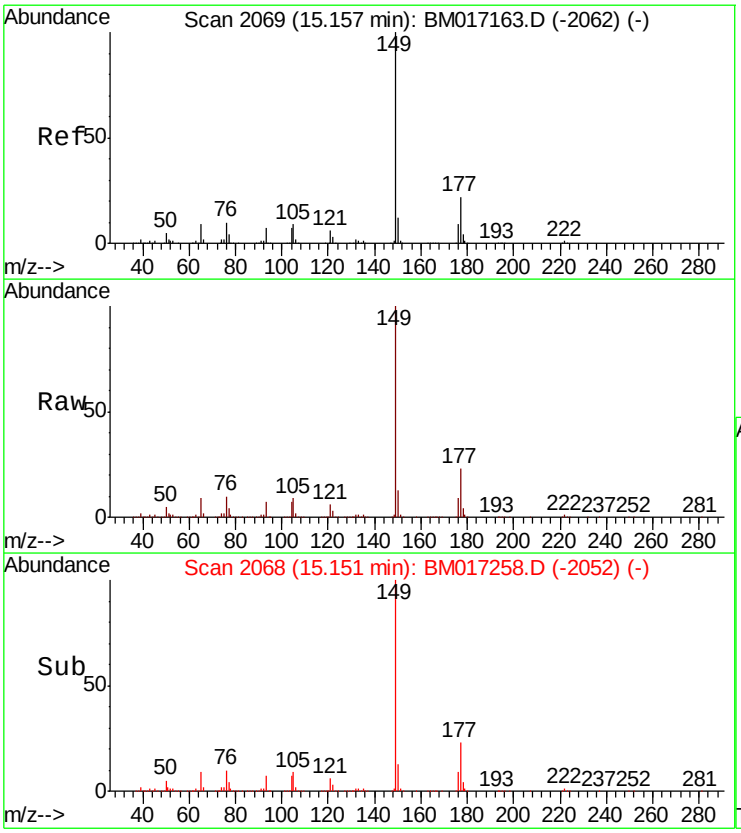

#59
2,3,4,6-Tetrachlorophenol
Concen: 55.762 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:232 Resp: 917232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 43.2 | 33.1 | 49.7 |
| 130 | 2.2 | 1.7 | 2.5 |
| 166 | 31.0 | 24.4 | 36.6 |

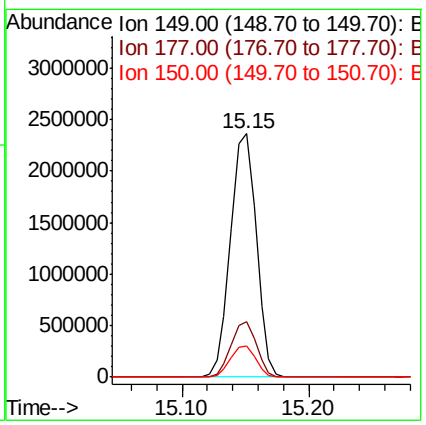


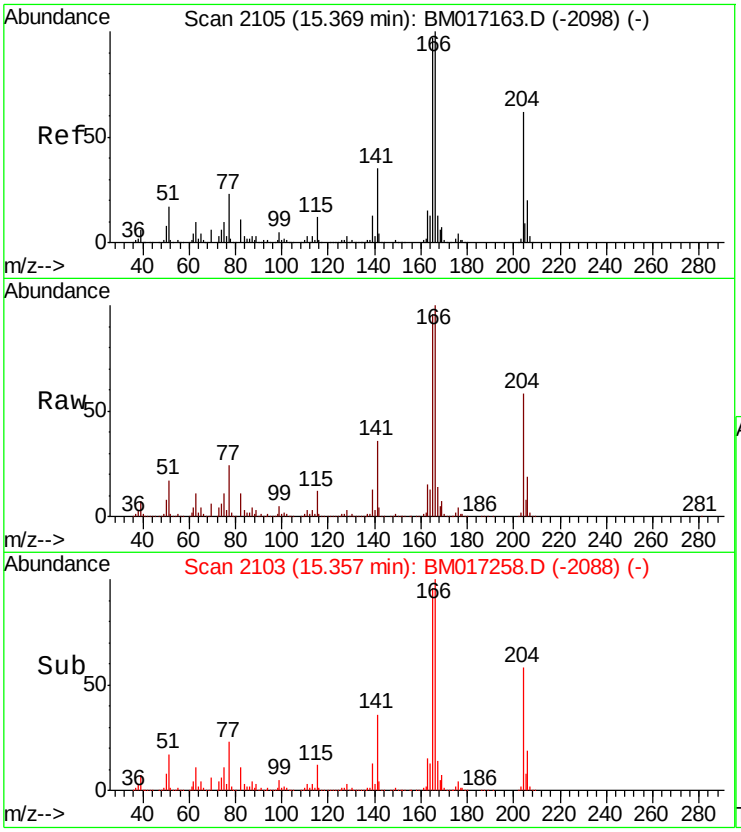




#60
Diethylphthalate
Concen: 52.939 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:149 Resp: 3334137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 22.8 | 17.7 | 26.5 |
| 150 | 12.6 | 10.0 | 15.0 |



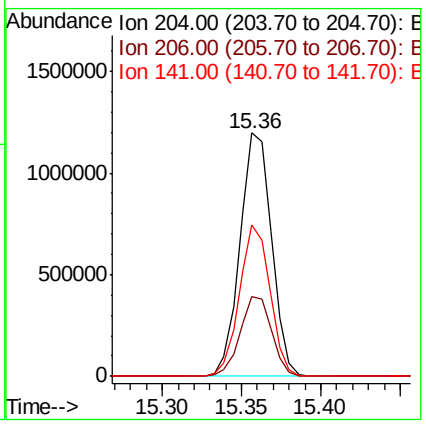


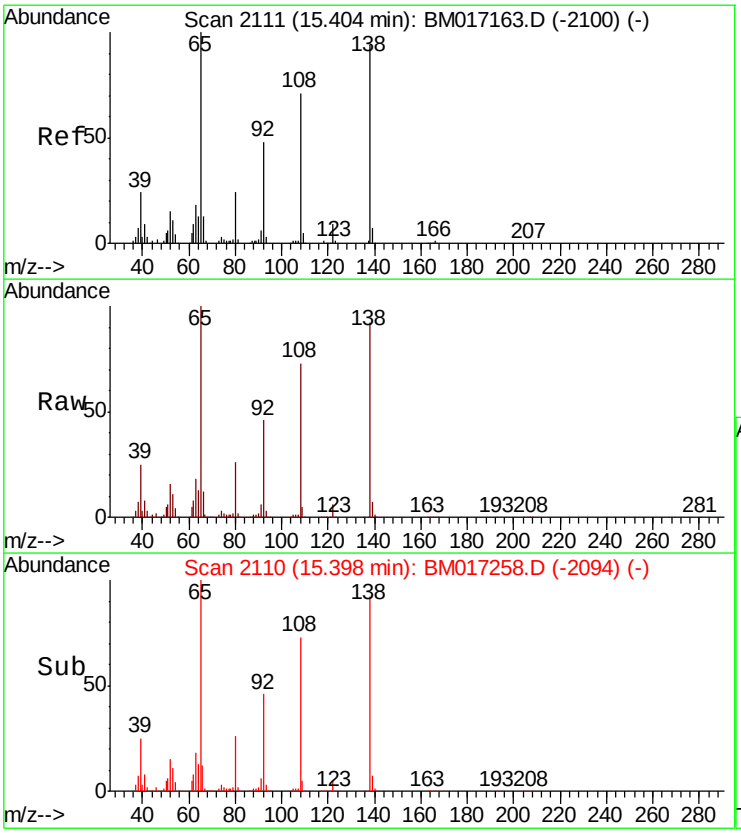

#61
4-Chlorophenyl-phenylether
Concen: 47.630 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:204 Resp: 1657671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.9 | 26.1 | 39.1 |
| 141 | 62.1 | 45.4 | 68.2 |

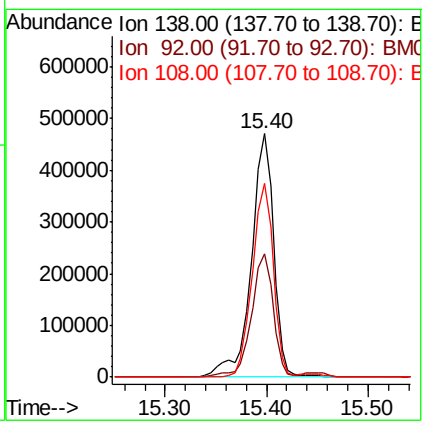


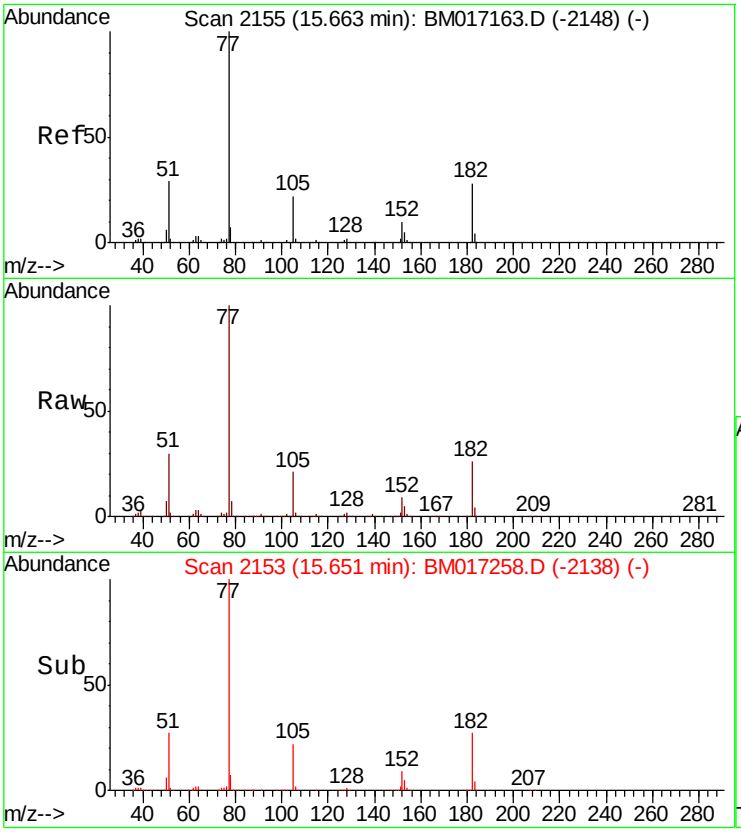




#62
4-Nitroaniline
Concen: 43.416 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:138 Resp: 724980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 50.7 | 31.2 | 71.2 |
| 108 | 79.4 | 55.5 | 95.5 |



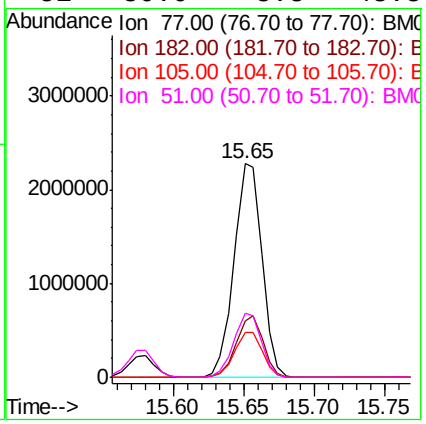


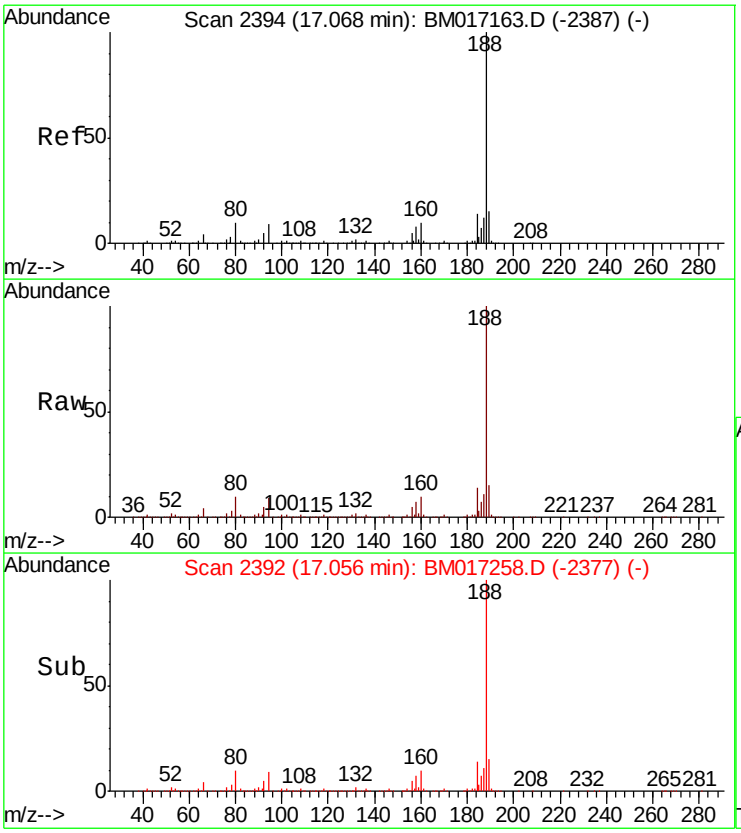

#63
Azobenzene
Concen: 51.139 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion: 77 Resp: 3130570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 26.4 | 8.3 | 48.3 |
| 105 | 21.0 | 1.5 | 41.5 |
| 51 | 30.0 | 8.8 | 48.8 |

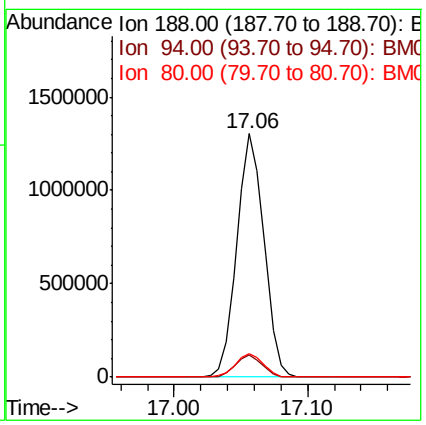


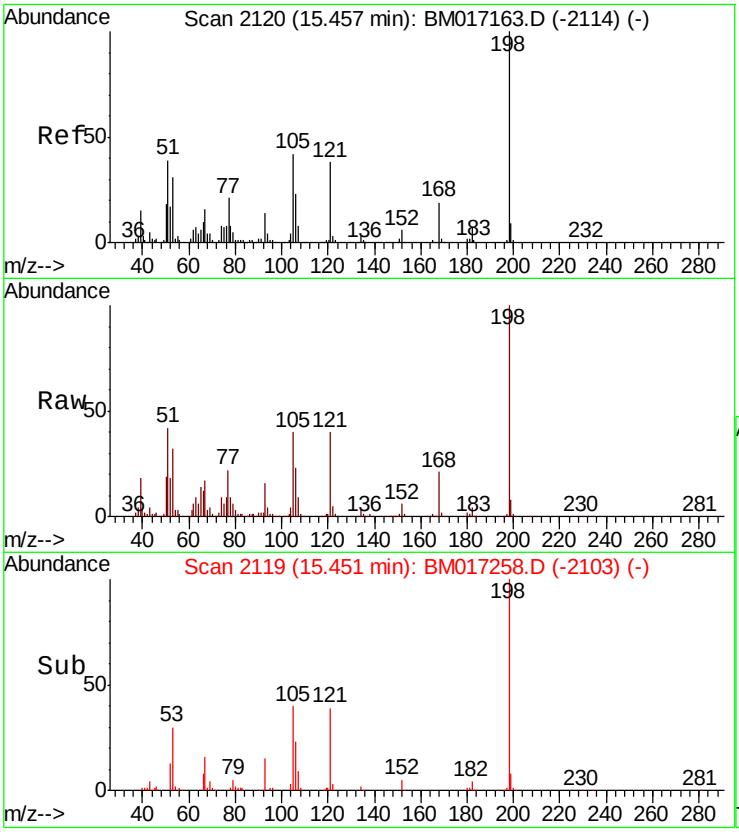




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:188 Resp: 1827709

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 7.0 | 10.4 |
| 80 | 9.9 | 7.7 | 11.5 |



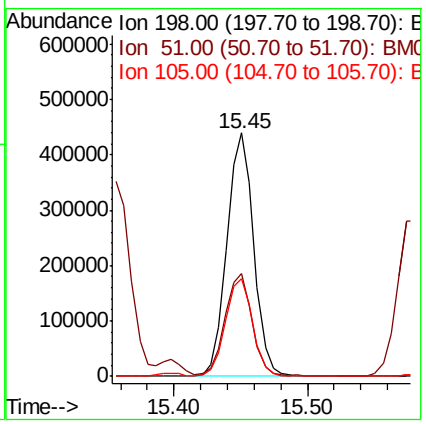


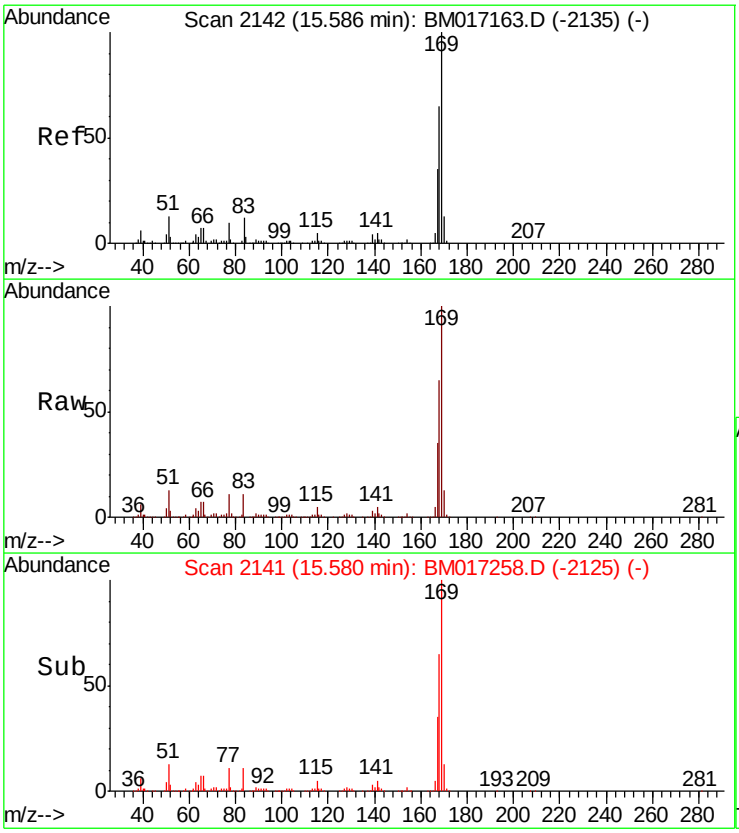

#65
4,6-Dinitro-2-methylphenol
Concen: 51.982 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:198 Resp: 618079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.2 | 20.3 | 60.3 |
| 105 | 40.1 | 21.9 | 61.9 |

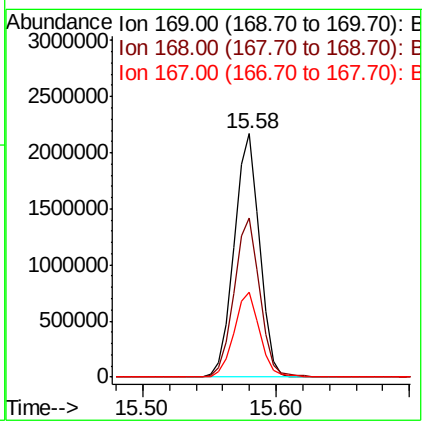


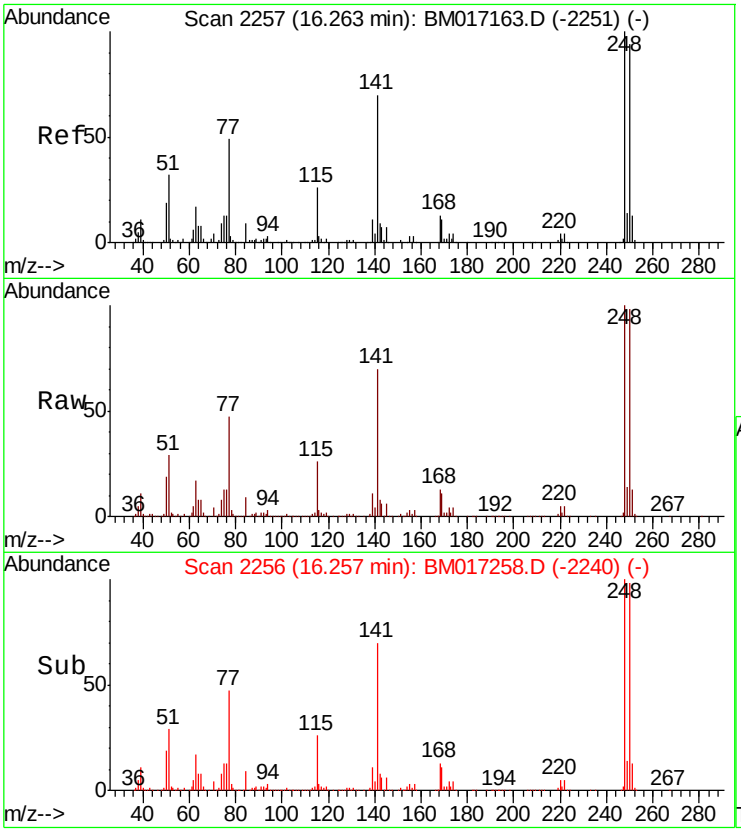




#66
n-Nitrosodiphenylamine
Concen: 51.689 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:169 Resp: 2858242

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.4 | 52.2 | 78.4 |
| 167 | 34.8 | 28.4 | 42.6 |



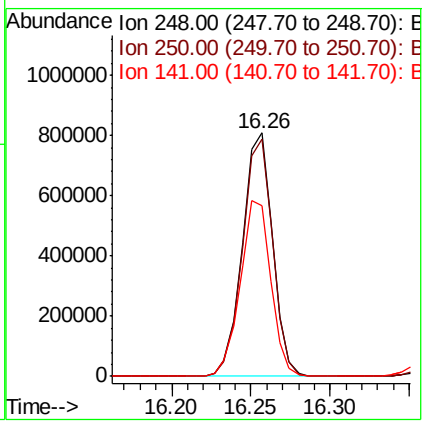


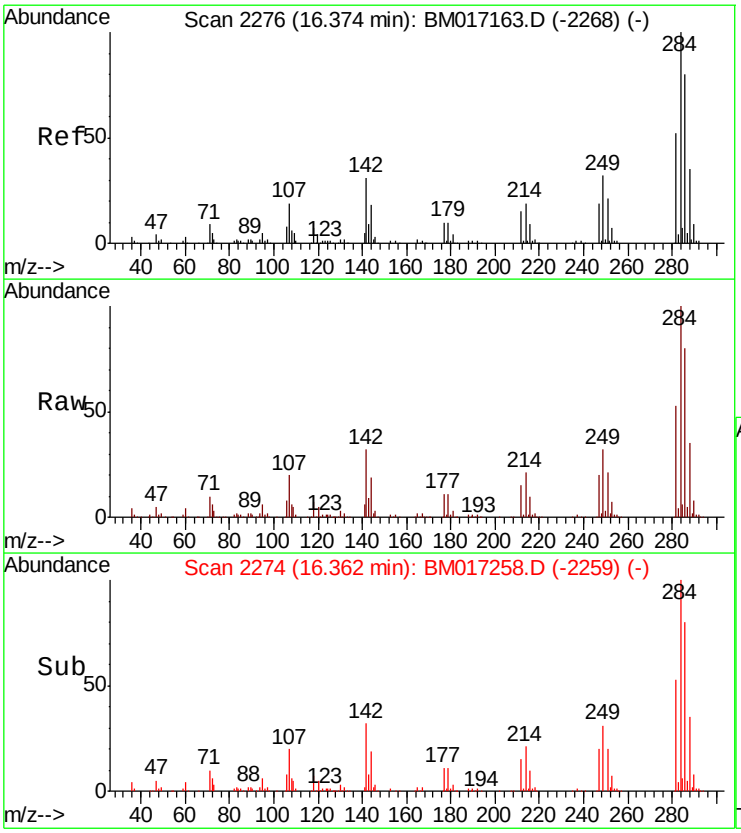

#67
4-Bromophenyl-phenylether
Concen: 53.212 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:248 Resp: 1067877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.7 | 75.1 | 112.7 |
| 141 | 70.1 | 55.6 | 83.4 |

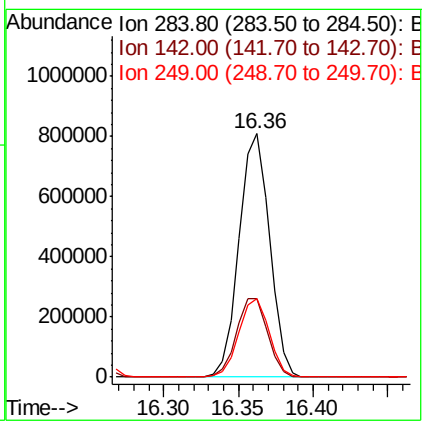


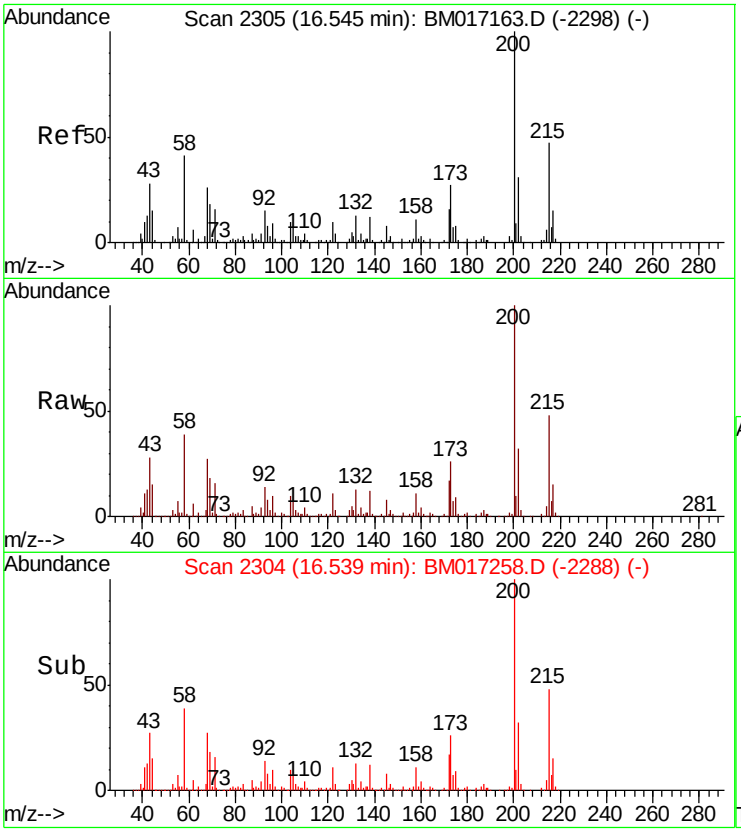




#68
Hexachlorobenzene
Concen: 49.160 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:284 Resp: 1145998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.2 | 25.0 | 37.6 |
| 249 | 32.2 | 25.5 | 38.3 |



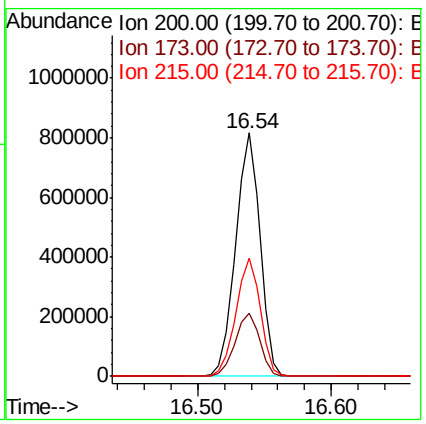


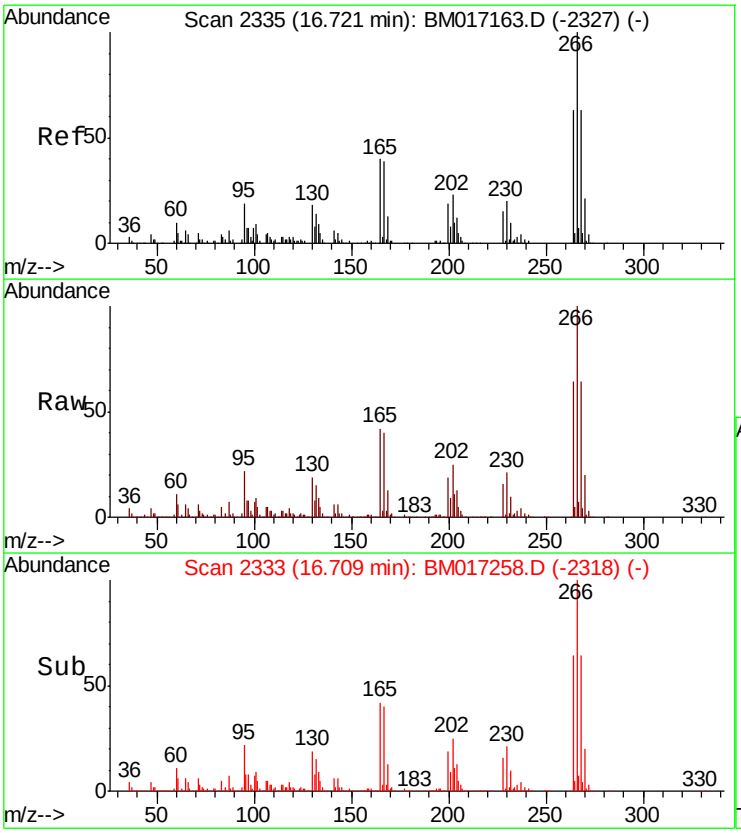

#69
Atrazine
Concen: 52.484 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:200 Resp: 1038707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.1 | 7.0 | 47.0 |
| 215 | 48.4 | 27.3 | 67.3 |

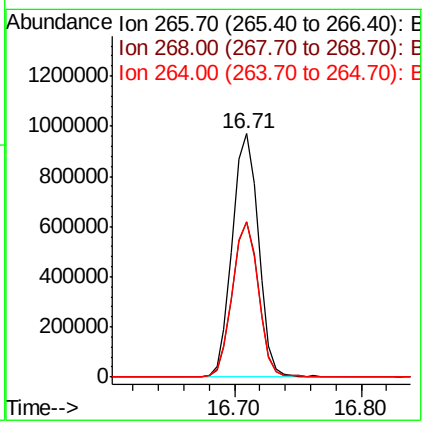


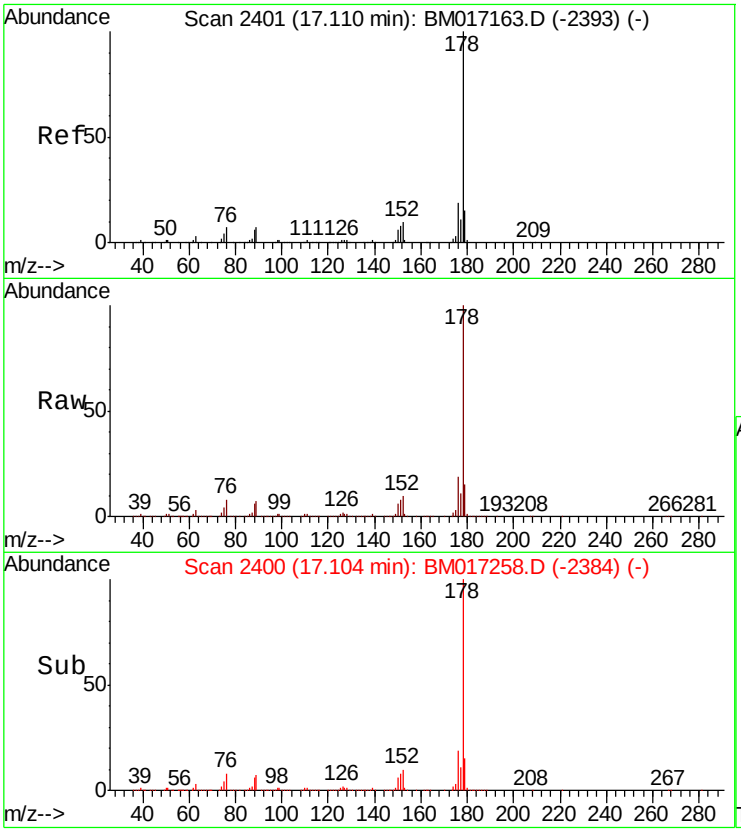




#70
Pentachlorophenol
Concen: 87.051 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:266 Resp: 1390121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.7 | 50.7 | 76.1 |
| 264 | 63.7 | 50.4 | 75.6 |



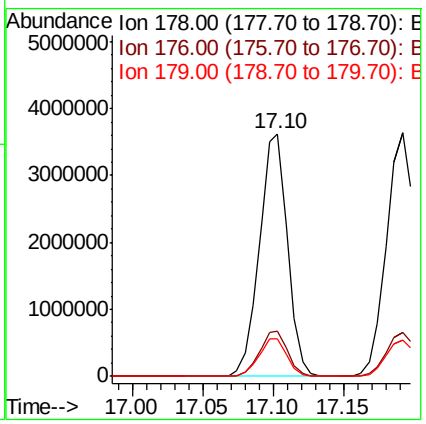


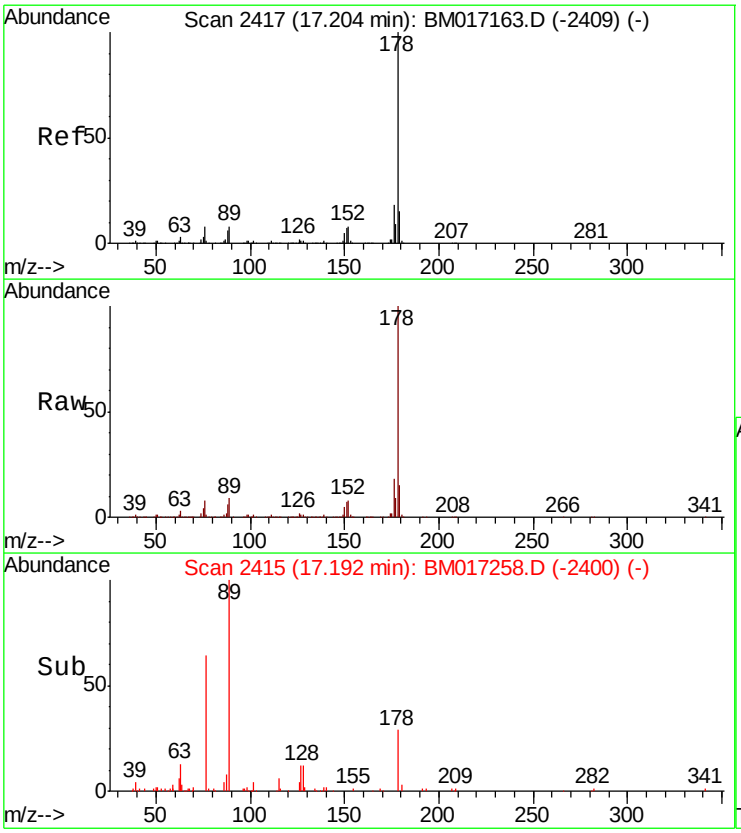

#71
Phenanthrene
Concen: 51.384 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:178 Resp: 5066995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.0 | 22.6 |
| 179 | 15.3 | 12.3 | 18.5 |

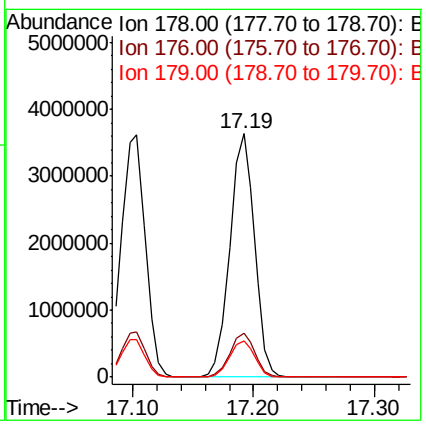


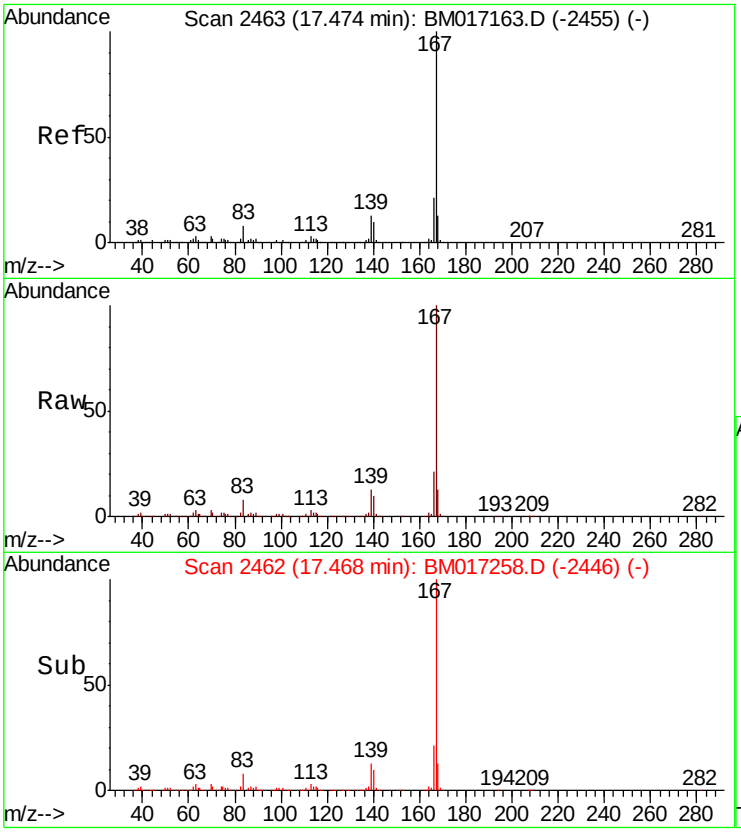




#72
Anthracene
Concen: 54.978 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:178 Resp: 5151342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.0 | 14.5 | 21.7 |
| 179 | 15.1 | 12.2 | 18.2 |



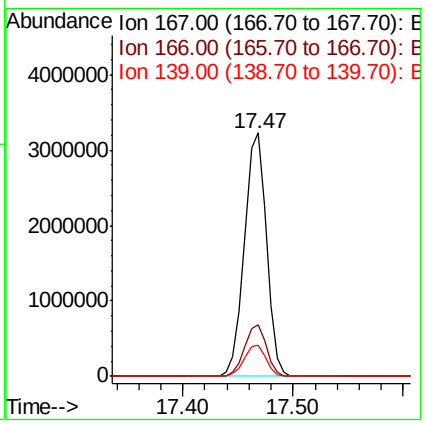


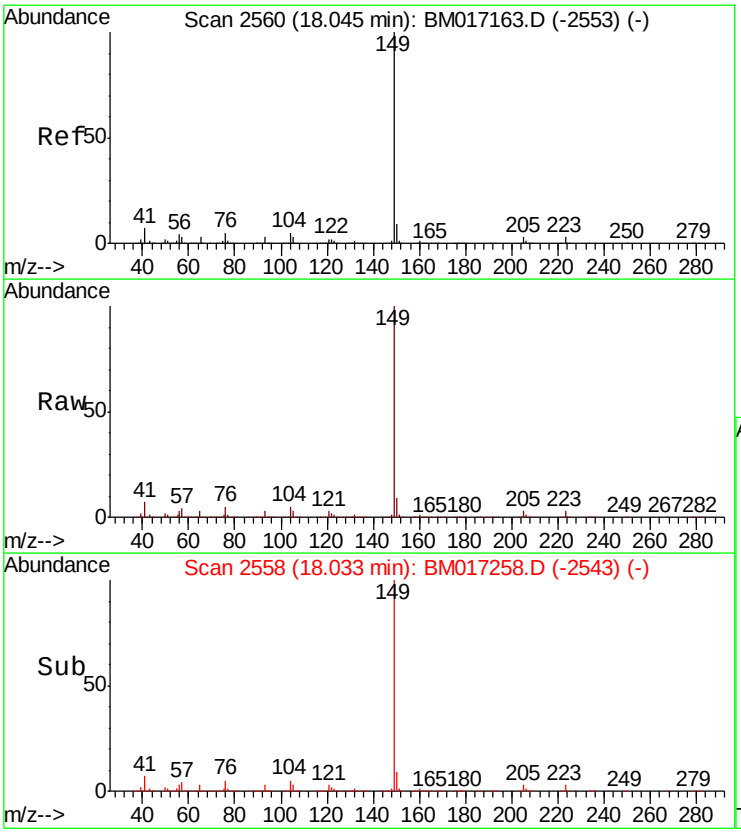

#73
Carbazole
Concen: 47.673 ng
RT: 17.47 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:167 Resp: 4562926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 17.1 | 25.7 |
| 139 | 12.6 | 10.1 | 15.1 |

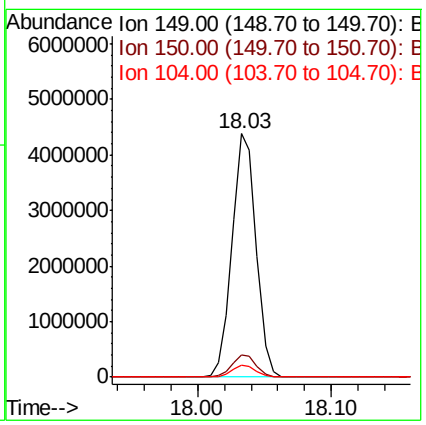


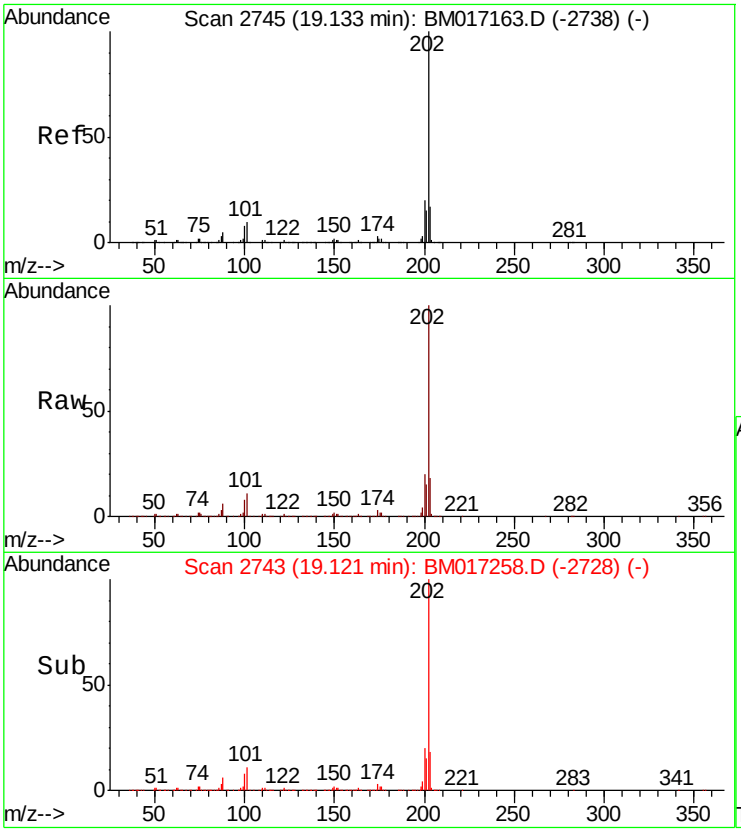




#74
Di-n-butylphthalate
Concen: 54.549 ng
RT: 18.03 min Scan# 2558
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:149 Resp: 5506745

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.4 | 11.0 |
| 104 | 5.0 | 4.3 | 6.5 |



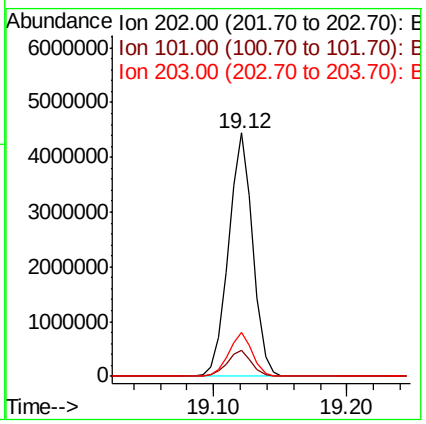


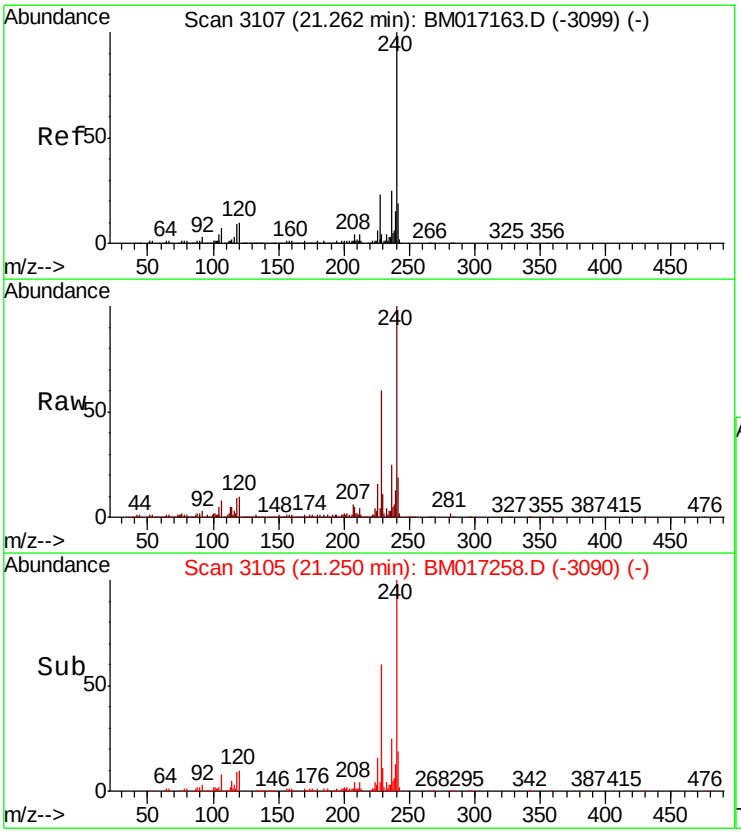

#75
Fluoranthene
Concen: 50.729 ng
RT: 19.12 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:202 Resp: 5629033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 30.0 |
| 203 | 17.9 | 0.0 | 37.2 |

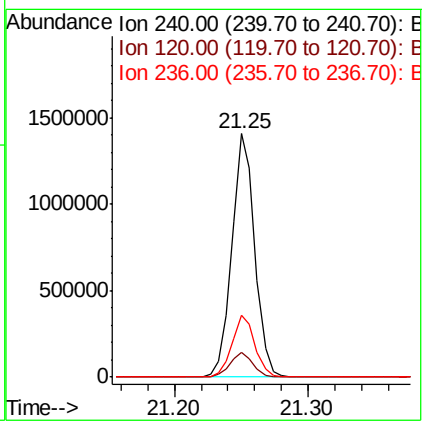


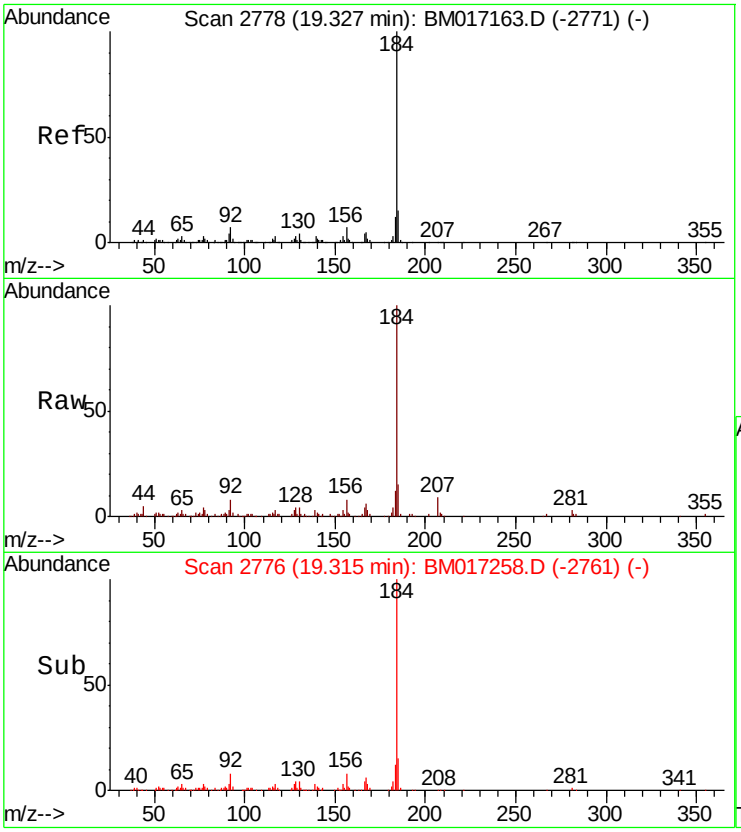




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:240 Resp: 1684776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 8.1 | 12.1 |
| 236 | 25.3 | 19.9 | 29.9 |



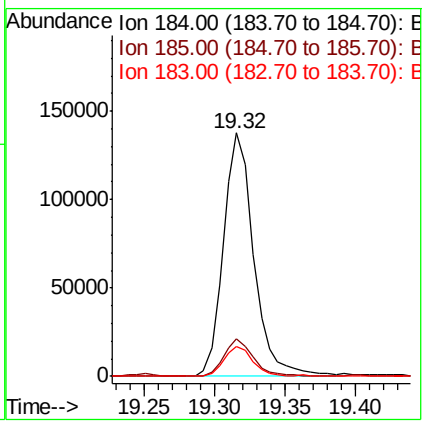


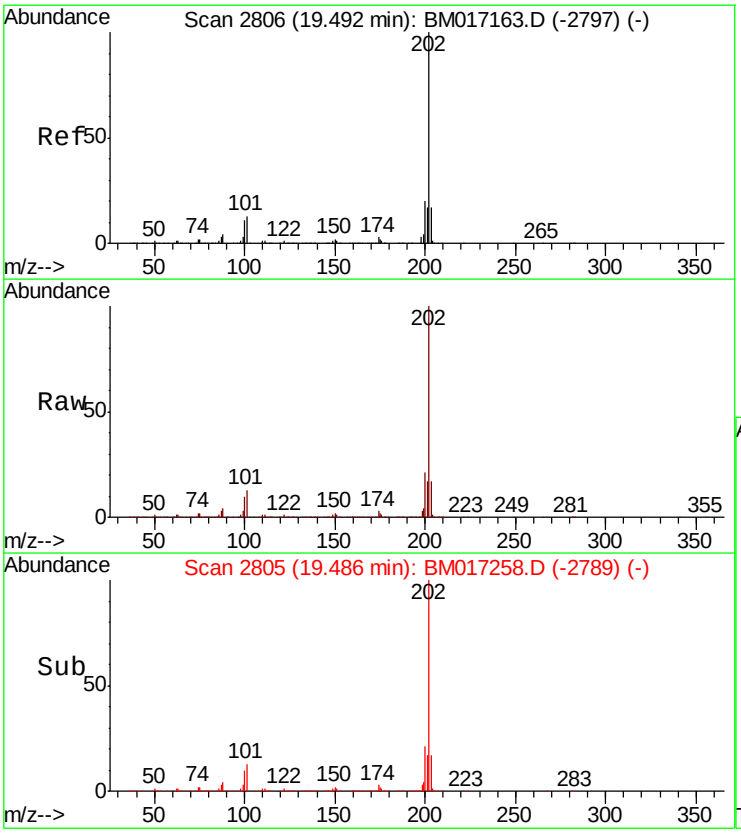

#77
Benzidine
Concen: 4.844 ng
RT: 19.32 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:184 Resp: 206943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.4 | 11.8 | 17.8 |
| 183 | 12.0 | 9.7 | 14.5 |

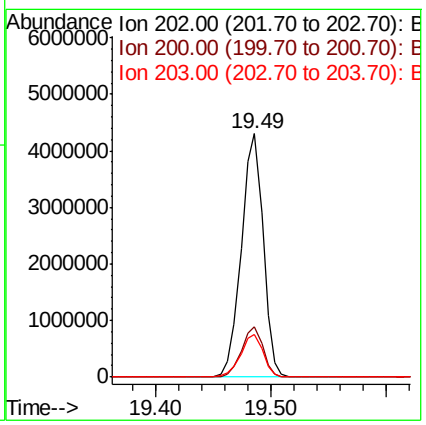


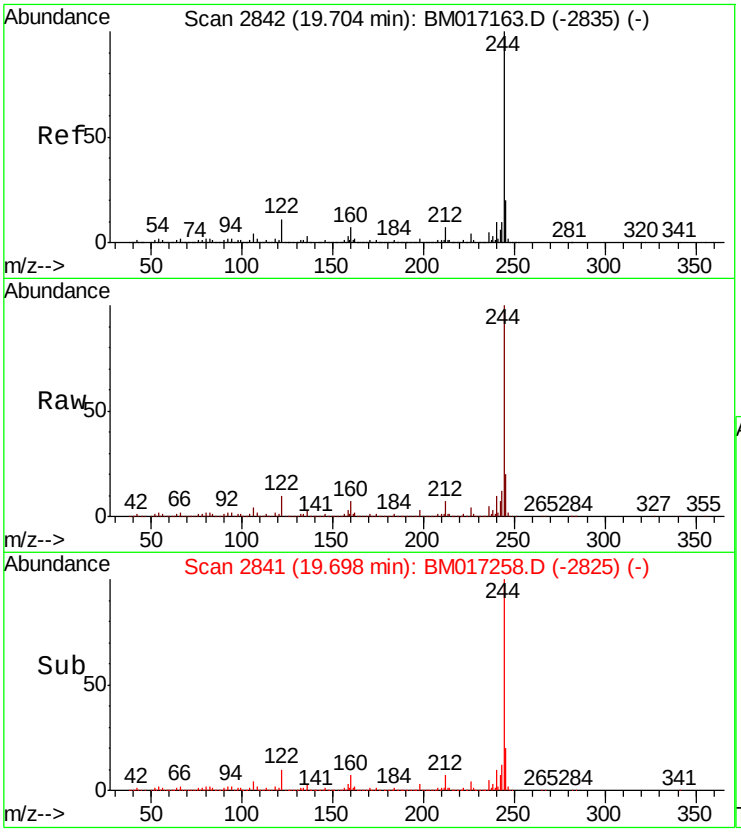




#78
Pyrene
Concen: 60.000 ng
RT: 19.49 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:202 Resp: 5649787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.8 | 16.3 | 24.5 |
| 203 | 17.4 | 13.9 | 20.9 |



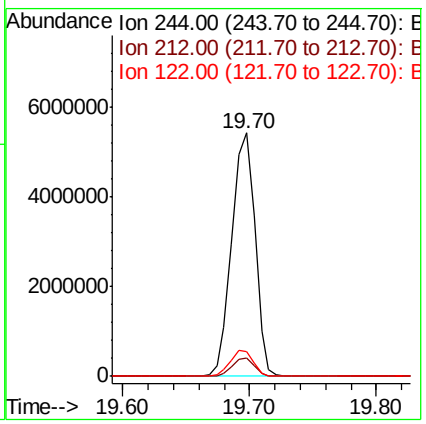


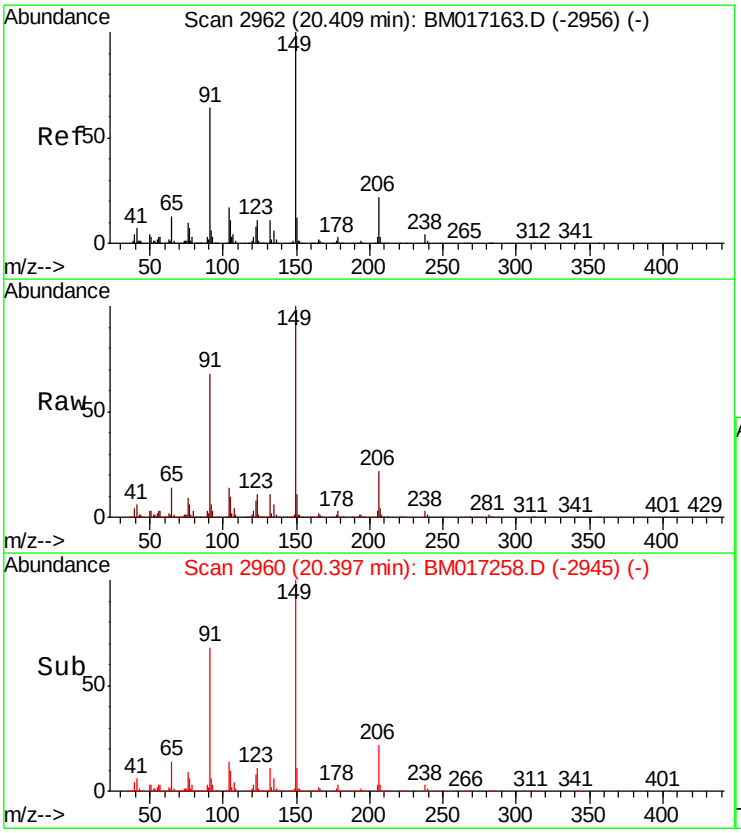

#79
Terphenyl-d14
Concen: 92.019 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:244 Resp: 6878032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 5.5 | 8.3 |
| 122 | 10.3 | 8.4 | 12.6 |

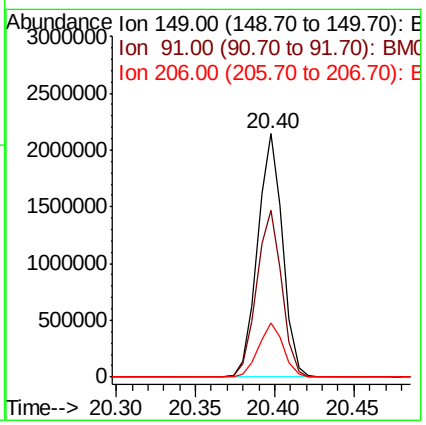


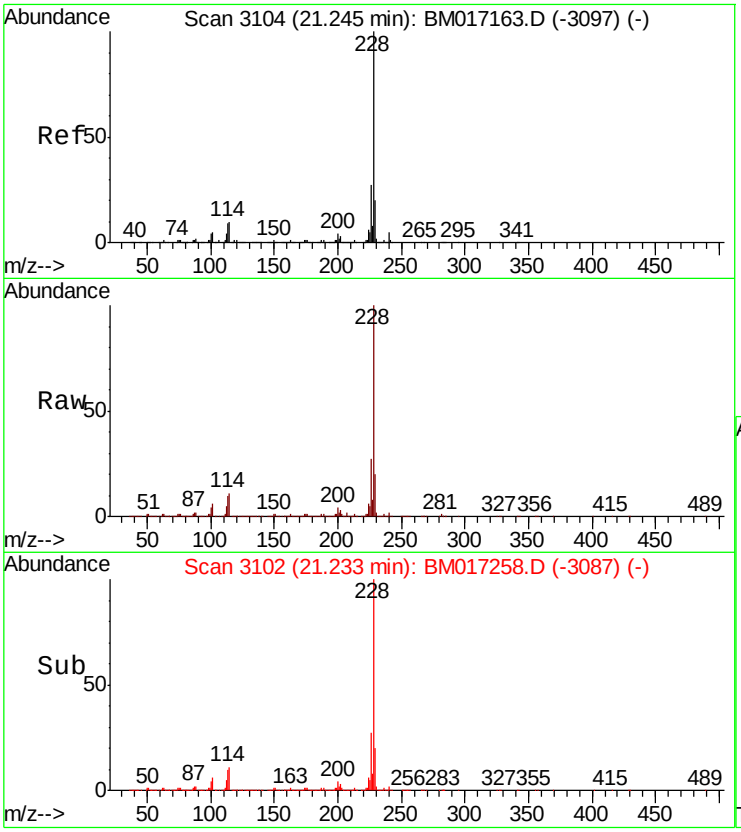




#80
Butylbenzylphthalate
Concen: 62.897 ng
RT: 20.40 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:149 Resp: 2347550

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 68.3 | 51.3 | 76.9 |
| 206 | 22.3 | 18.0 | 27.0 |



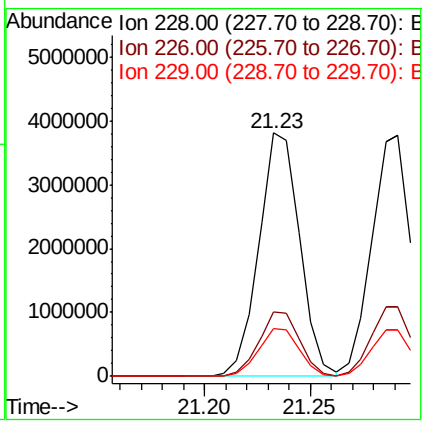


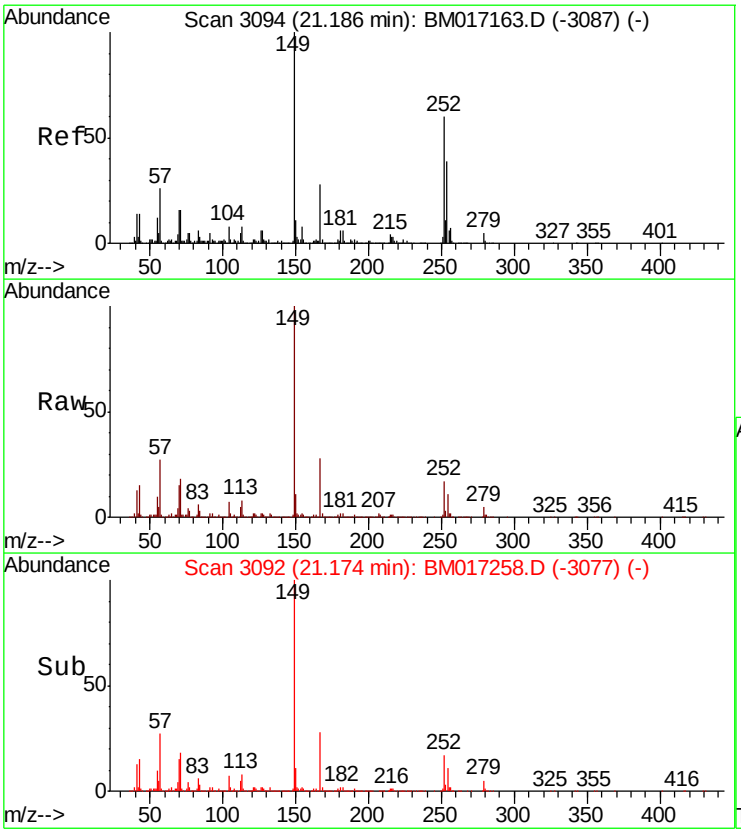

#81
Benzo(a)anthracene
Concen: 54.182 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:228 Resp: 5136932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.6 | 21.4 | 32.0 |
| 229 | 19.8 | 15.9 | 23.9 |

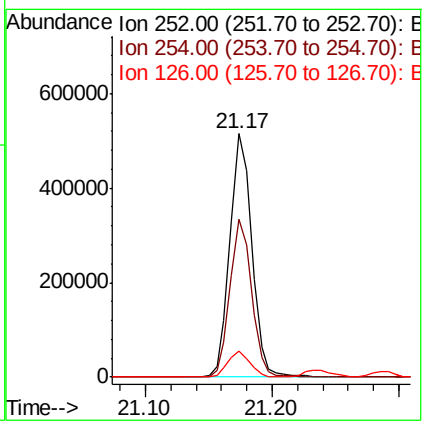


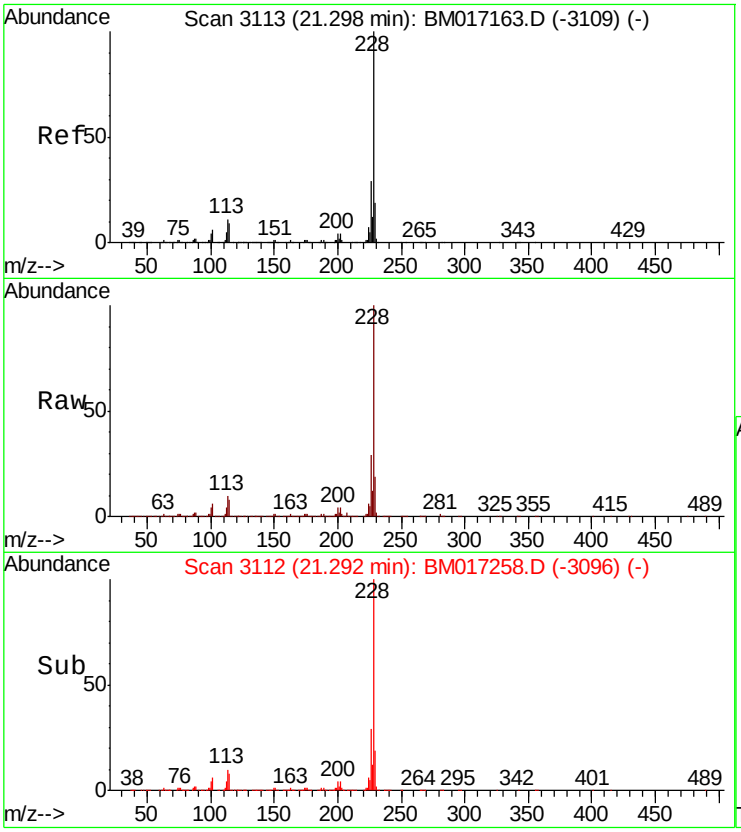




#82
3,3'-Dichlorobenzidine
Concen: 17.471 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:252 Resp: 617359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.8 | 52.1 | 78.1 |
| 126 | 10.5 | 8.6 | 12.8 |



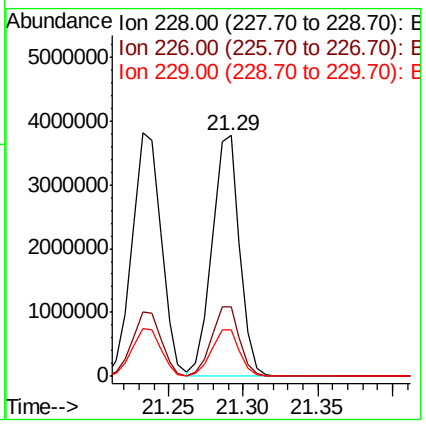


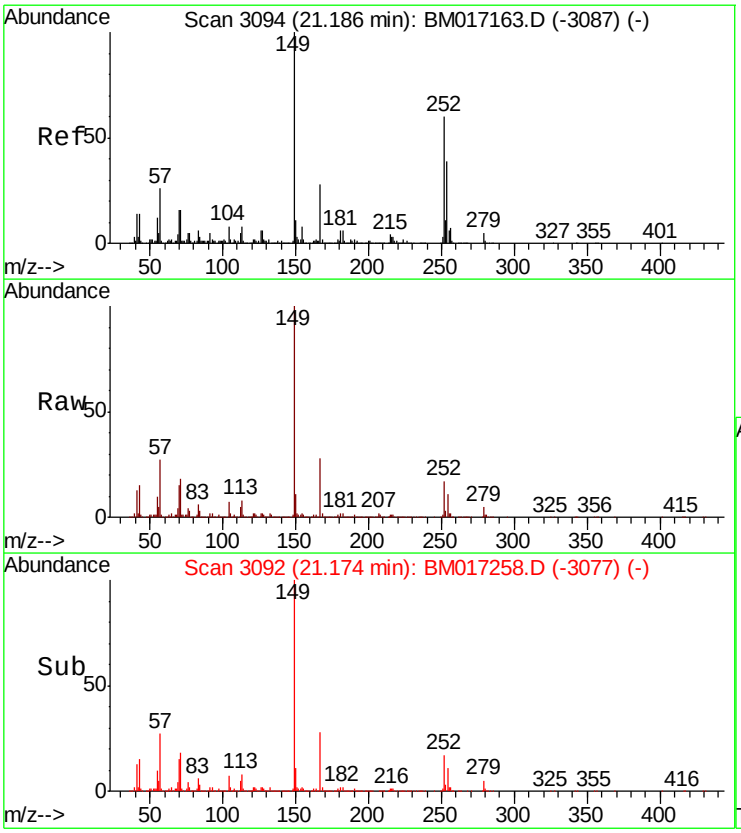

#83
Chrysene
Concen: 51.902 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:228 Resp: 4870579

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 23.3 | 34.9 |
| 229 | 19.4 | 15.6 | 23.4 |

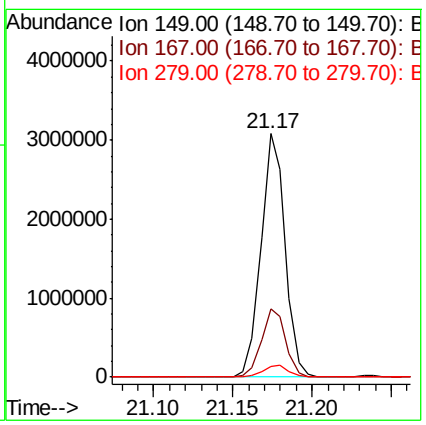


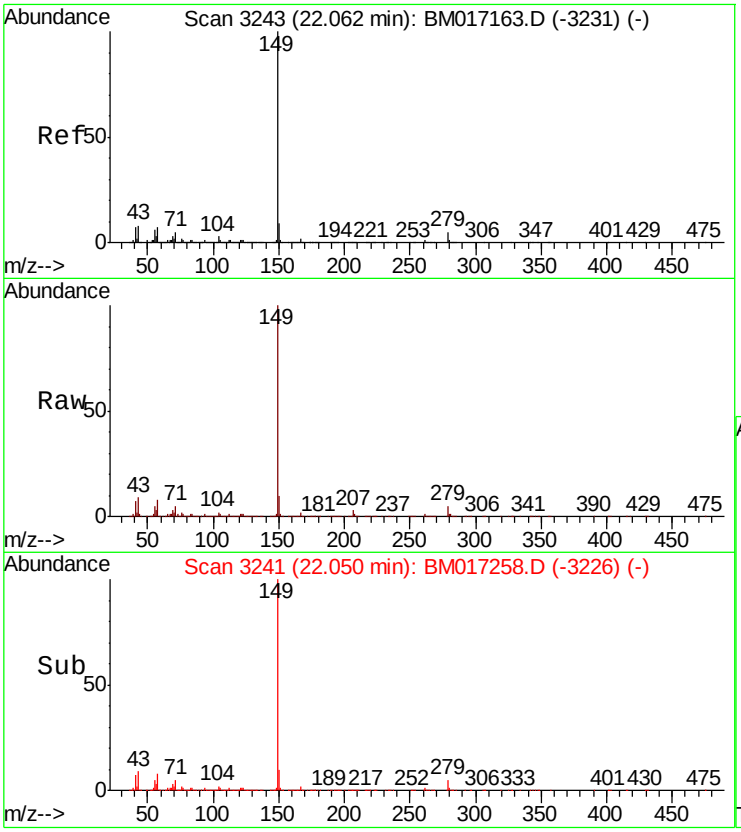




#84
Bis(2-ethylhexyl)phthalate
Concen: 58.419 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:149 Resp: 3273724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.9 | 22.2 | 33.4 |
| 279 | 4.6 | 3.6 | 5.4 |



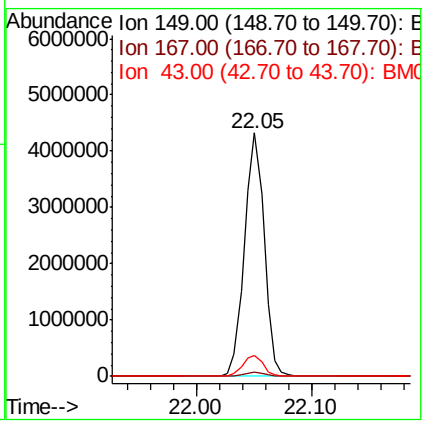


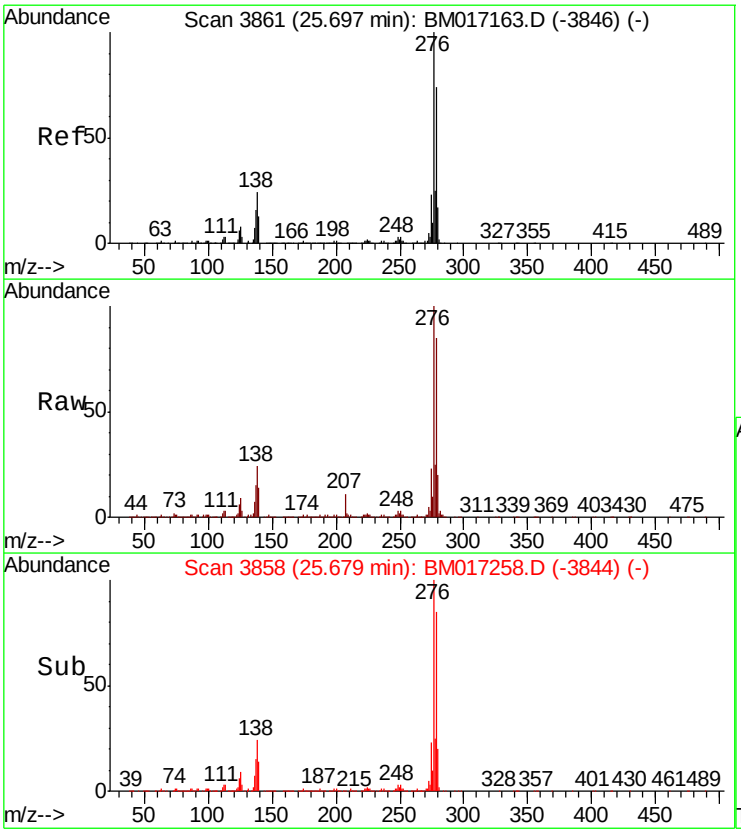

#85
Di-n-octyl phthalate
Concen: 54.417 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:149 Resp: 5132279

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.4 | 2.0 |
| 43 | 8.8 | 7.2 | 10.8 |

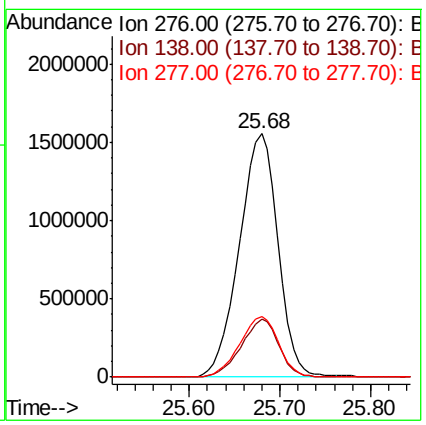


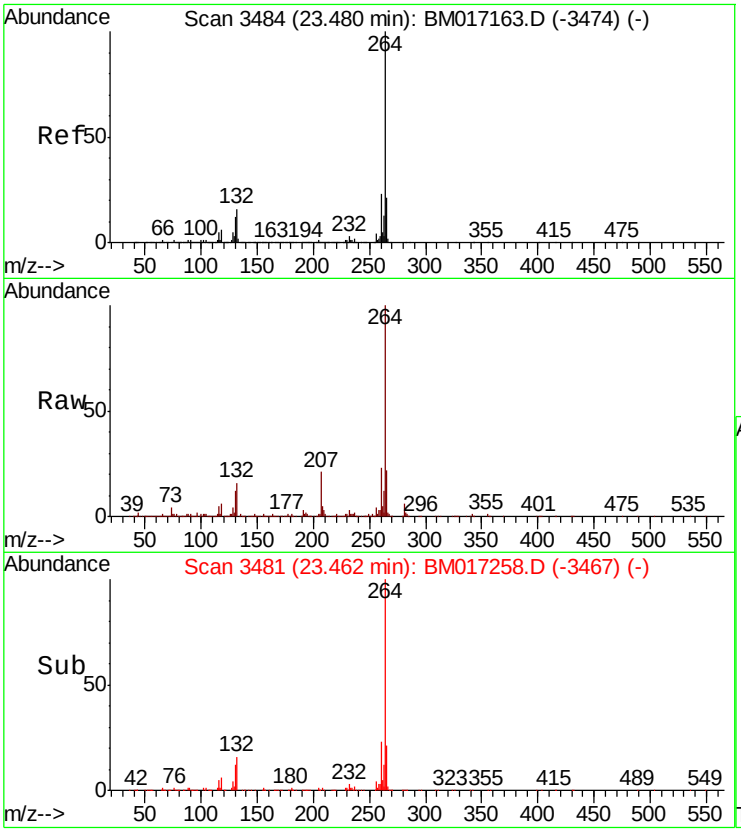




#86
Indeno(1,2,3-cd)pyrene
Concen: 43.798 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:276 Resp: 4597125

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.2 | 19.5 | 29.3 |
| 277 | 25.1 | 20.1 | 30.1 |



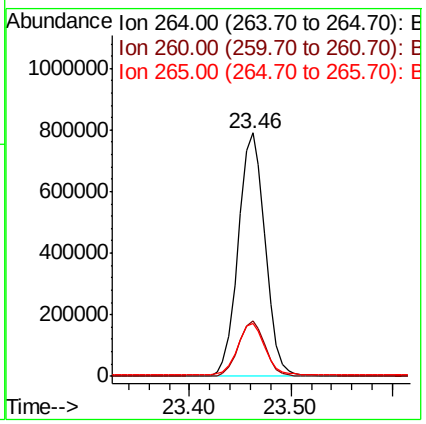


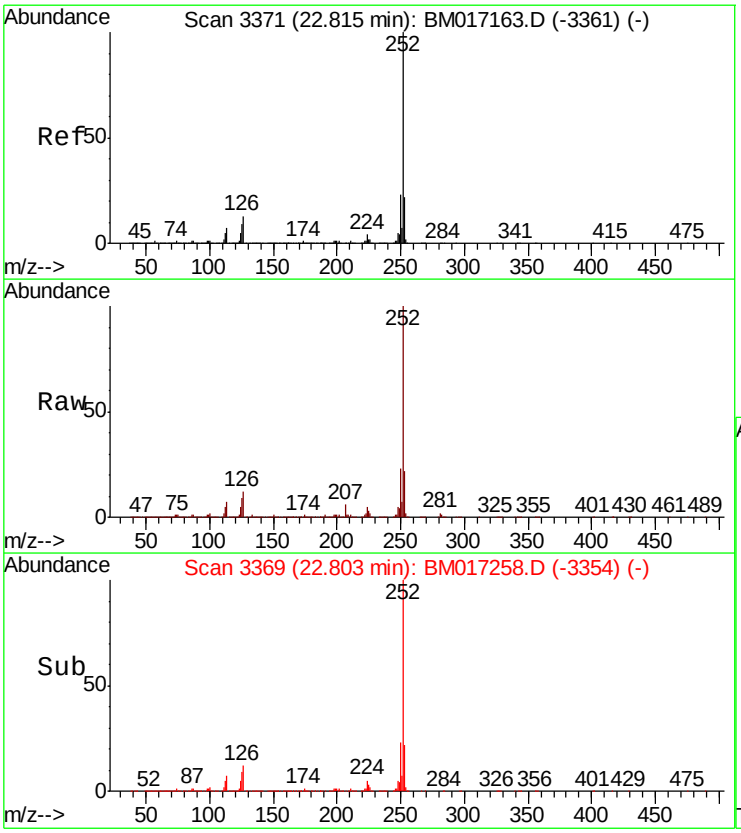

#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:264 Resp: 1456811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 18.6 | 27.8 |
| 265 | 21.6 | 17.8 | 26.8 |

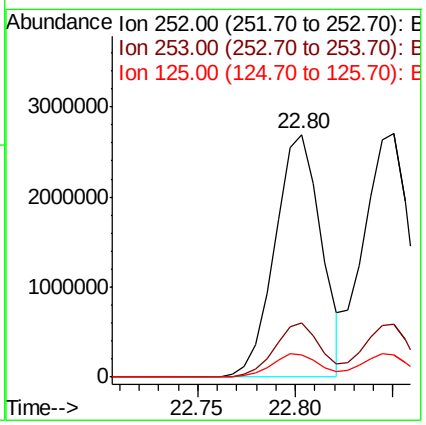


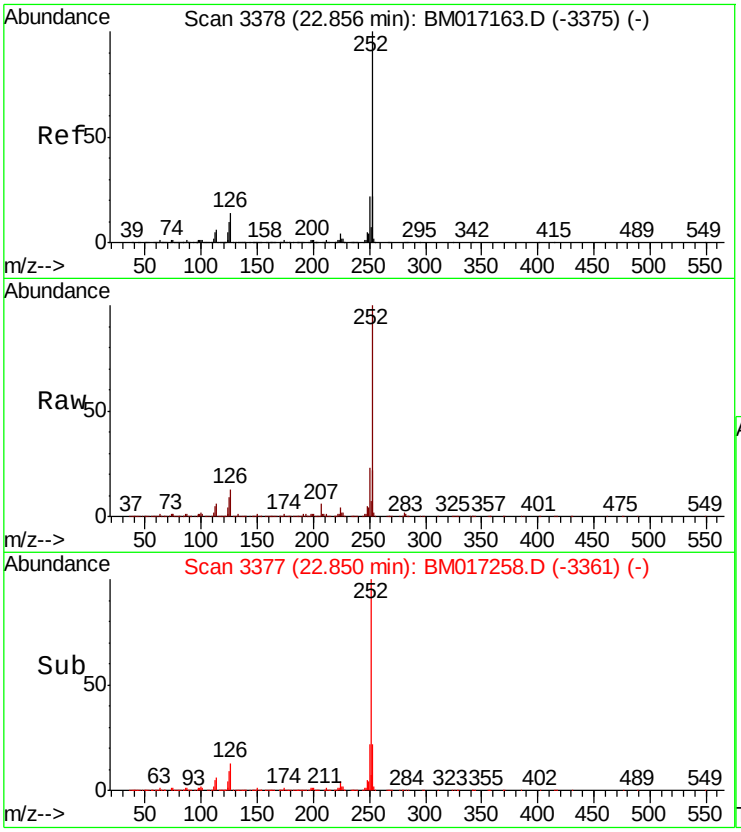




#88
Benzo(b)fluoranthene
Concen: 55.639 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:252 Resp: 4431565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.4 | 26.2 |
| 125 | 9.0 | 7.5 | 11.3 |



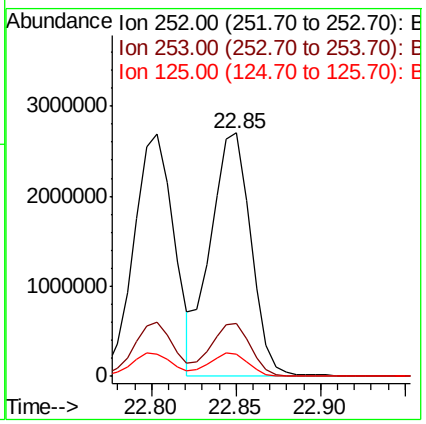


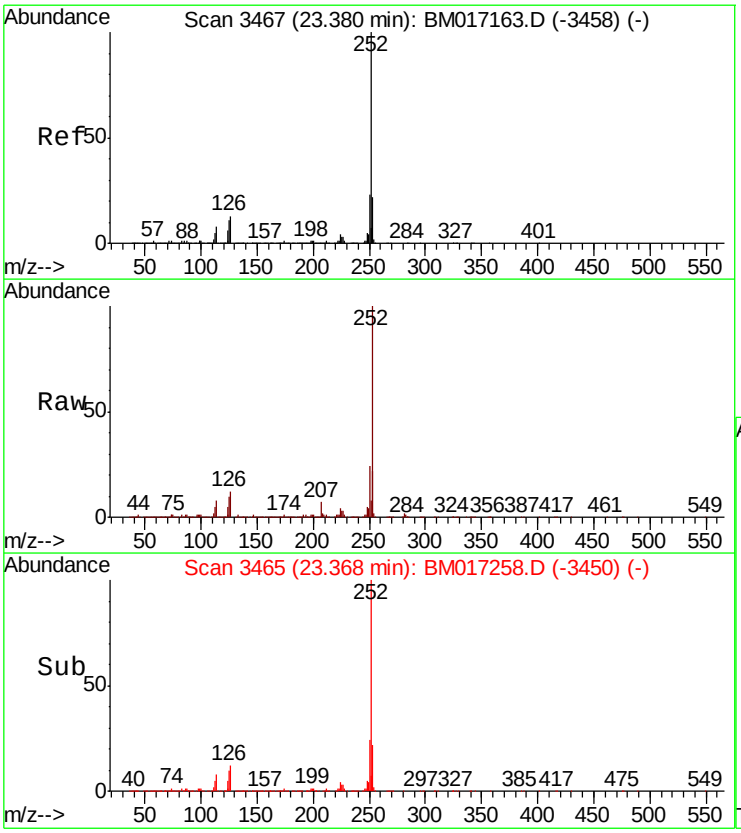

#89
Benzo(k)fluoranthene
Concen: 56.131 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:252 Resp: 4486102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.5 | 26.3 |
| 125 | 9.0 | 8.2 | 12.2 |

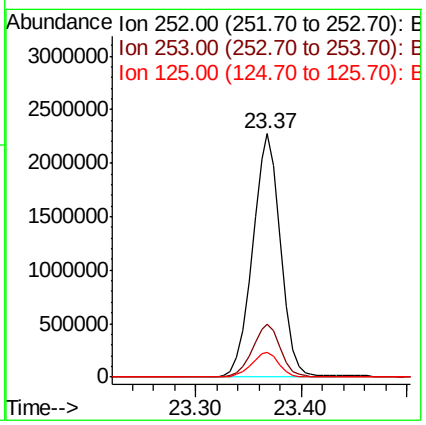


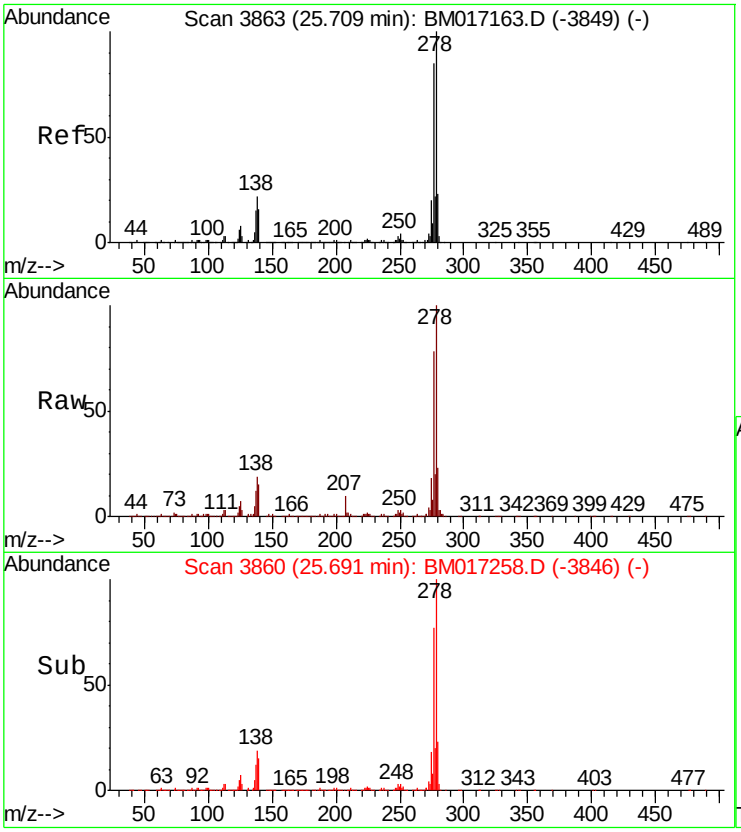




#90
Benzo(a)pyrene
Concen: 55.199 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:252 Resp: 4174422

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.4 | 26.0 |
| 125 | 10.1 | 8.6 | 13.0 |



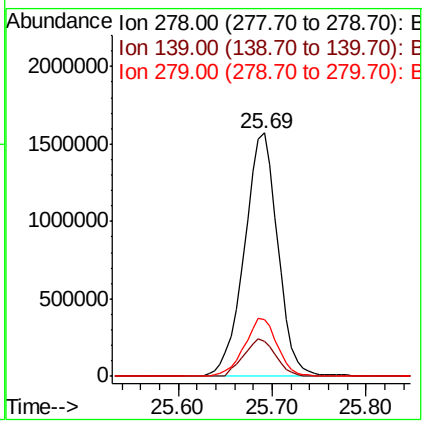


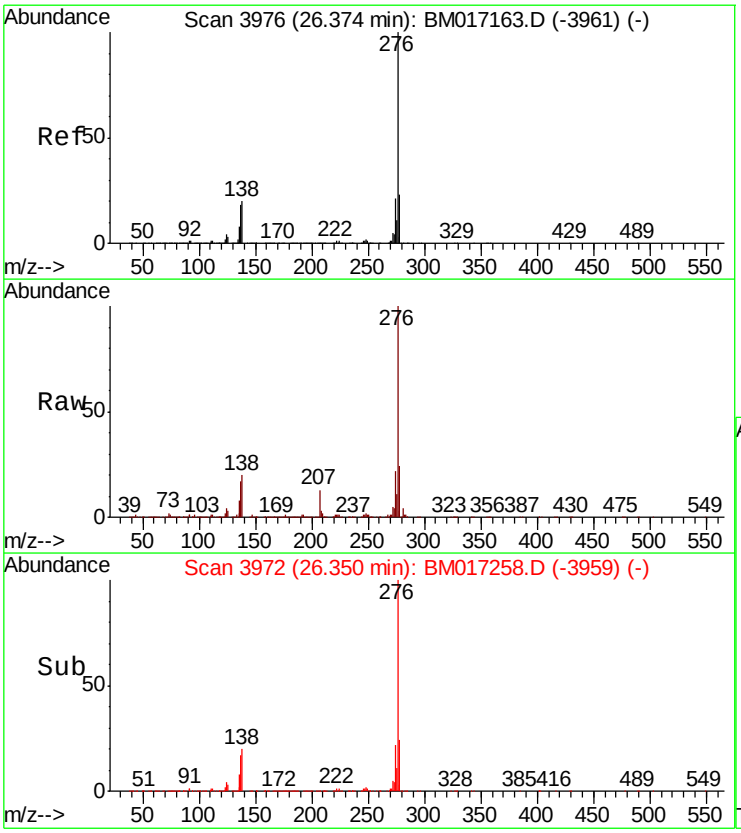

#91
Dibenzo(a,h)anthracene
Concen: 51.579 ng
RT: 25.69 min Scan# 3860
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

**Instrument :**
BNA_M
**ClientSampleId :**

Tgt Ion:278 Resp: 3873191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.6 | 12.7 | 19.1 |
| 279 | 23.4 | 18.7 | 28.1 |




#92
Benzo(g,h,i)perylene
Concen: 51.756 ng
RT: 26.35 min Scan# 3972
Delta R.T. -0.02 min
Lab File: BM017258.D
Acq: 20 Oct 2018 10:49

Tgt Ion:276 Resp: 3851935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.5 | 18.6 | 28.0 |
| 138 | 19.8 | 16.4 | 24.6 |