Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120218\
Data File : BM017874.D
Acq On : 02 Dec 2018 02:21
Operator : JU/SJ
Sample : PB115173BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB115173BSD

Quant Time: Dec 03 00:20:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 174728 | 20.00 | ng | | -0.04 |
| 21) Naphthalene-d8 | 10.35 | 136 | 765661 | 20.00 | ng | | -0.04 |
| 39) Acenaphthene-d10 | 14.23 | 164 | 446123 | 20.00 | ng | | -0.04 |
| 64) Phenanthrene-d10 | 16.99 | 188 | 1005602 | 20.00 | ng | | -0.03 |
| 76) Chrysene-d12 | 21.19 | 240 | 1032874 | 20.00 | ng | | -0.02 |
| 87) Perylene-d12 | 23.37 | 264 | 886605 | 20.00 | ng | | -0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.21 | 112 | 1107251 | 106.95 | ng | | -0.03 |
| 7) Phenol-d6 | 6.78 | 99 | 1483809 | 102.62 | ng | | -0.03 |
| 23) Nitrobenzene-d5 | 8.74 | 82 | 1353441 | 91.26 | ng | | -0.04 |
| 42) 2,4,6-Tribromophenol | 15.73 | 330 | 632191 | 98.62 | ng | | -0.03 |
| 45) 2-Fluorobiphenyl | 12.84 | 172 | 3321406 | 96.59 | ng | | -0.04 |
| 79) Terphenyl-d14 | 19.63 | 244 | 4990656 | 109.51 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.20 | 88 | 144572 | 33.528 | ng | # | 90 |
| 3) Pyridine | 3.58 | 79 | 450777 | 35.640 | ng | | 87 |
| 4) n-Nitrosodimethylamine | 3.50 | 42 | 222315 | 39.902 | ng | | 88 |
| 6) Aniline | 6.93 | 93 | 304995 | 17.009 | ng | | 96 |
| 8) 2-Chlorophenol | 7.15 | 128 | 612412 | 49.425 | ng | | 96 |
| 9) Benzaldehyde | 6.75 | 77 | 324334 | 30.790 | ng | | 95 |
| 10) Phenol | 6.80 | 94 | 753585 | 49.651 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.03 | 93 | 521028 | 43.486 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.47 | 146 | 597938 | 43.013 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.62 | 146 | 612337 | 42.974 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.93 | 146 | 605931 | 43.856 | ng | | 99 |
| 15) Benzyl Alcohol | 7.83 | 79 | 529833 | 46.010 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.12 | 45 | 610301 | 33.455 | ng | | 90 |
| 17) 2-Methylphenol | 8.03 | 107 | 509159 | 49.798 | ng | | 97 |
| 18) Hexachloroethane | 8.63 | 117 | 226598 | 45.121 | ng | | 97 |
| 19) n-Nitroso-di-n-propylamine | 8.39 | 70 | 457723 | 44.085 | ng | | 92 |
| 20) 3+4-Methylphenols | 8.36 | 107 | 691751 | 48.694 | ng | | 97 |
| 22) Acetophenone | 8.40 | 105 | 875337 | 45.806 | ng | | 95 |
| 24) Nitrobenzene | 8.78 | 77 | 659787 | 43.847 | ng | | 99 |
| 25) Isophorone | 9.30 | 82 | 1190682 | 51.979 | ng | | 100 |
| 26) 2-Nitrophenol | 9.48 | 139 | 326324 | 47.081 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 9.55 | 122 | 565126 | 56.574 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 9.79 | 93 | 743912 | 47.949 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.01 | 162 | 584282 | 50.388 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.22 | 180 | 604404 | 44.815 | ng | | 96 |
| 31) Naphthalene | 10.40 | 128 | 1820312 | 48.354 | ng | | 99 |
| 32) Benzoic acid | 9.72 | 122 | 370700 | 40.967 | ng | | 98 |
| 33) 4-Chloroaniline | 10.54 | 127 | 133724 | 8.111 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.67 | 225 | 358027 | 42.762 | ng | | 99 |
| 35) Caprolactam | 11.33 | 113 | 99299 | 23.254 | ng | # | 82 |
| 36) 4-Chloro-3-methylphenol | 11.66 | 107 | 642304 | 47.977 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.02 | 142 | 1366024 | 51.342 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.25 | 142 | 1306781 | 50.092 | ng | | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216 | 702994 | 44.687 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120218\
Data File : BM017874.D
Acq On : 02 Dec 2018 02:21
Operator : JU/SJ
Sample : PB115173BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PB115173BSD

Quant Time: Dec 03 00:20:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.37 | 237 | 894260 | 110.009 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.65 | 196 | 482969 | 49.014 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.72 | 196 | 513192 | 49.325 | ng | 98 |
| 46) 1,1'-Biphenyl | 13.06 | 154 | 1747599 | 43.641 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.09 | 162 | 1361184 | 45.796 | ng | 99 |
| 48) 2-Nitroaniline | 13.32 | 65 | 413653 | 45.001 | ng | 96 |
| 49) Acenaphthylene | 13.95 | 152 | 2224289 | 49.808 | ng | 99 |
| 50) Dimethylphthalate | 13.70 | 163 | 1703452 | 46.964 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 13.83 | 165 | 378986 | 46.923 | ng | 97 |
| 52) Acenaphthene | 14.29 | 154 | 1279657 | 46.692 | ng | 99 |
| 53) 3-Nitroaniline | 14.16 | 138 | 133364 | 15.166 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.37 | 184 | 458229 | 91.777 | ng | 99 |
| 55) Dibenzofuran | 14.63 | 168 | 2086601 | 46.589 | ng | 100 |
| 56) 4-Nitrophenol | 14.48 | 139 | 665621 | 89.430 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.62 | 165 | 545985 | 50.149 | ng | 99 |
| 58) Fluorene | 15.29 | 166 | 1715548 | 50.034 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 476887 | 49.834 | ng | 99 |
| 60) Diethylphthalate | 15.07 | 149 | 1749742 | 44.647 | ng | 98 |
| 61) 4-Chlorophenyl-phenylether | 15.29 | 204 | 864433 | 44.375 | ng | 99 |
| 62) 4-Nitroaniline | 15.33 | 138 | 348742 | 42.081 | ng | 99 |
| 63) Azobenzene | 15.58 | 77 | 1721543 | 47.518 | ng | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.39 | 198 | 306730 | 44.030 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.51 | 169 | 1497492 | 46.317 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.18 | 248 | 540450 | 45.442 | ng | 94 |
| 68) Hexachlorobenzene | 16.29 | 284 | 605695 | 45.176 | ng | 99 |
| 69) Atrazine | 16.47 | 200 | 547278 | 46.023 | ng | 97 |
| 70) Pentachlorophenol | 16.64 | 266 | 774529 | 82.447 | ng | 98 |
| 71) Phenanthrene | 17.03 | 178 | 2711604 | 49.694 | ng | 100 |
| 72) Anthracene | 17.12 | 178 | 2795894 | 52.656 | ng | 99 |
| 73) Carbazole | 17.40 | 167 | 2525107 | 47.062 | ng | 99 |
| 74) Di-n-butylphthalate | 17.97 | 149 | 3084496 | 51.642 | ng | 99 |
| 75) Fluoranthene | 19.06 | 202 | 3209452 | 51.984 | ng | 99 |
| 77) Benzidine | 19.26 | 184 | 1047204 | 31.135 | ng | 100 |
| 78) Pyrene | 19.42 | 202 | 3272027 | 51.342 | ng | 100 |
| 80) Butylbenzylphthalate | 20.34 | 149 | 1475271 | 56.995 | ng | 98 |
| 81) Benzo(a)anthracene | 21.17 | 228 | 3013131 | 50.636 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.12 | 252 | 569610 | 24.802 | ng | 99 |
| 83) Chrysene | 21.23 | 228 | 2817476 | 48.749 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 2123530 | 55.495 | ng | 99 |
| 85) Di-n-octyl phthalate | 21.98 | 149 | 3419526 | 55.808 | ng | 96 |
| 86) Indeno(1,2,3-cd)pyrene | 25.54 | 276 | 2688239 | 58.206 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.72 | 252 | 2622788 | 50.514 | ng | 99 |
| 89) Benzo(k)fluoranthene | 22.77 | 252 | 2591288 | 49.377 | ng | 100 |
| 90) Benzo(a)pyrene | 23.28 | 252 | 2464452 | 52.056 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 25.56 | 278 | 2326075 | 58.442 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.20 | 276 | 2232704 | 59.653 | ng | 99 |

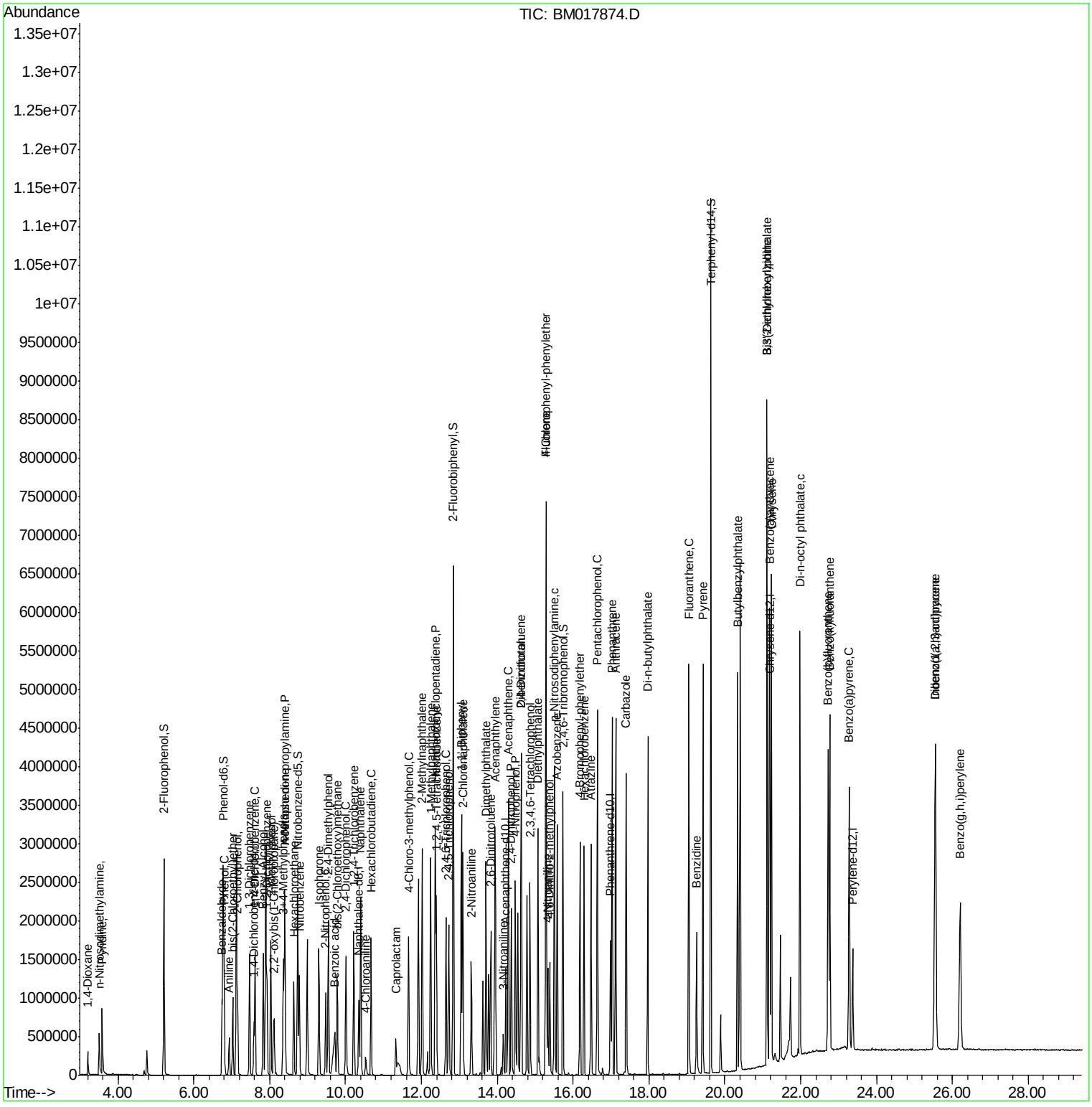
(#) = qualifier out of range (m) = manual integration (+) = signals summed

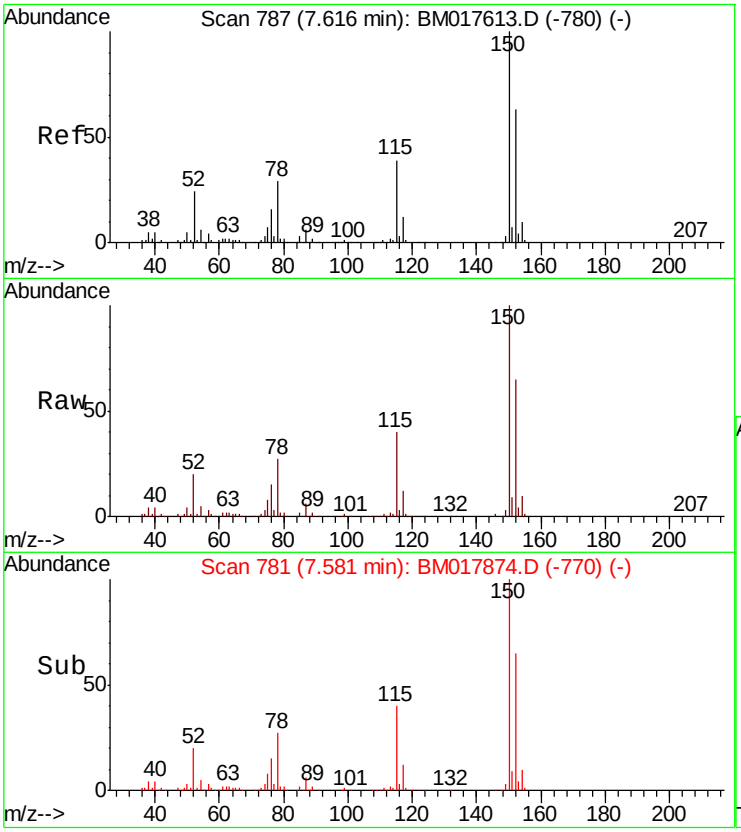
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120218\
Data File : BM017874.D
Acq On : 02 Dec 2018 02:21
Operator : JU/SJ
Sample : PB115173BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Quant Time: Dec 03 00:20:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration



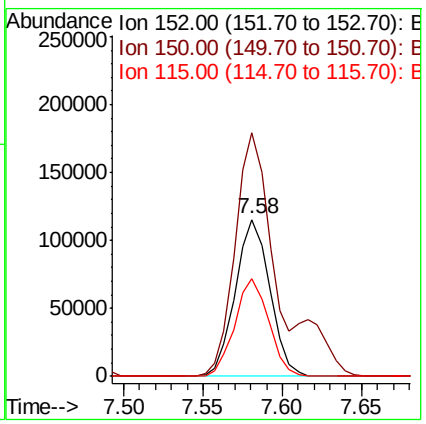


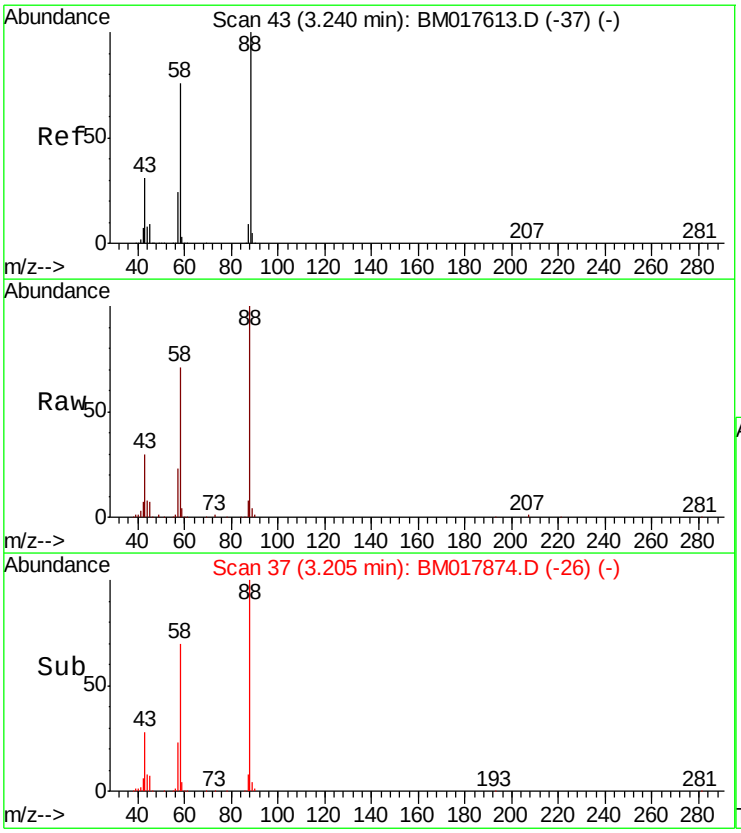

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:152 Resp: 174728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.0 | 126.4 | 189.6 |
| 115 | 62.2 | 49.4 | 74.0 |

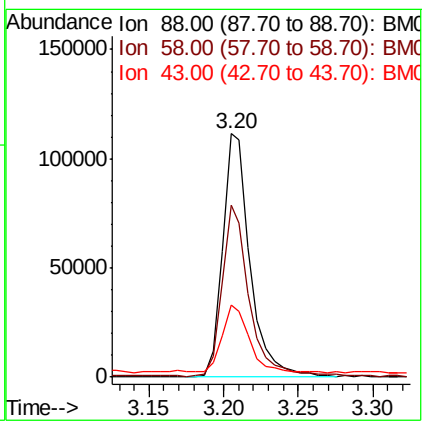


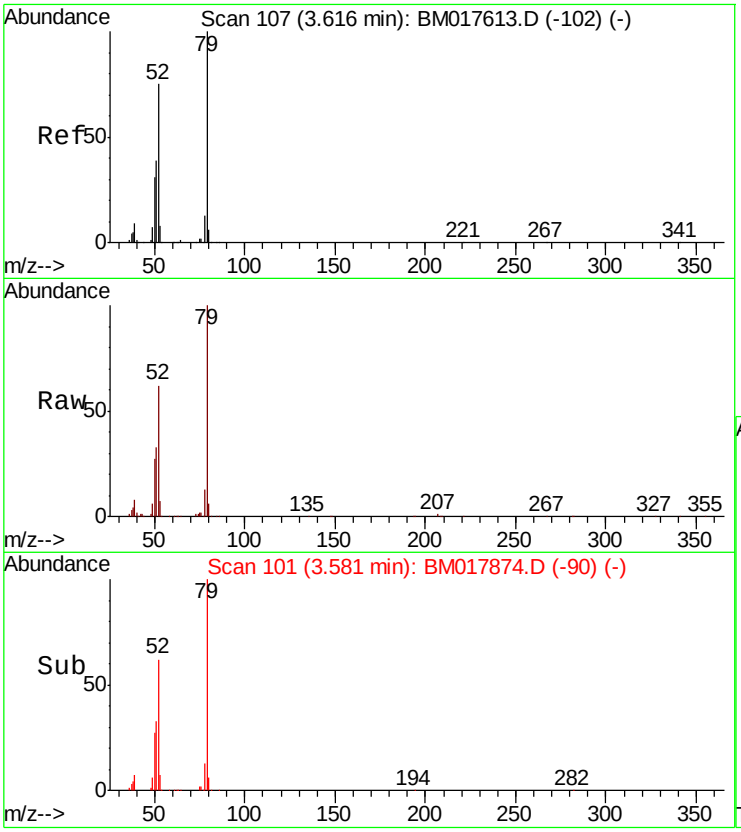




#2
1,4-Dioxane
Concen: 33.528 ng
RT: 3.20 min Scan# 37
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion: 88 Resp: 144572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 69.4 | 62.0 | 93.0 |
| 43 | 26.7 | 26.8 | 40.2# |



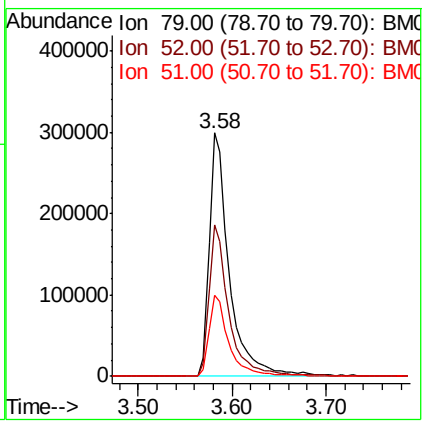


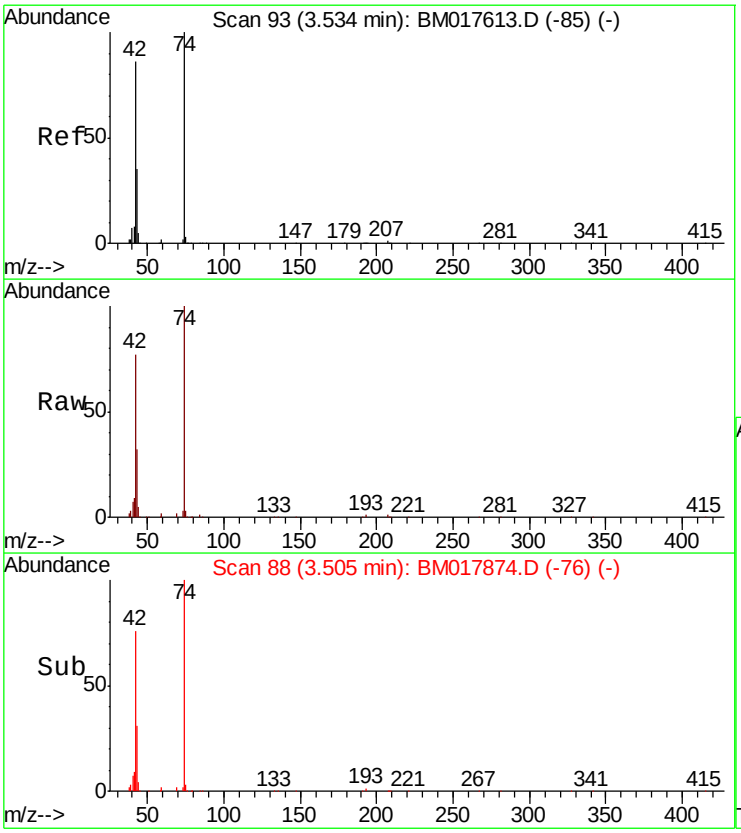

#3
Pyridine
Concen: 35.640 ng
RT: 3.58 min Scan# 101
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion: 79 Resp: 450777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 62.4 | 60.1 | 90.1 |
| 51 | 33.2 | 31.1 | 46.7 |

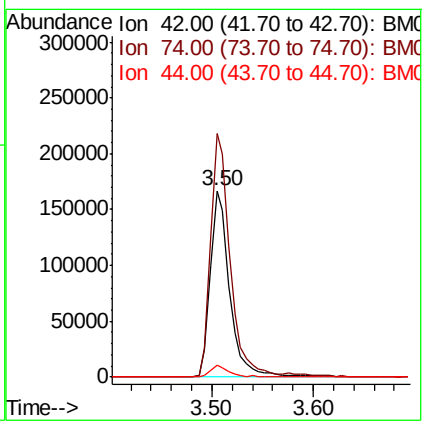


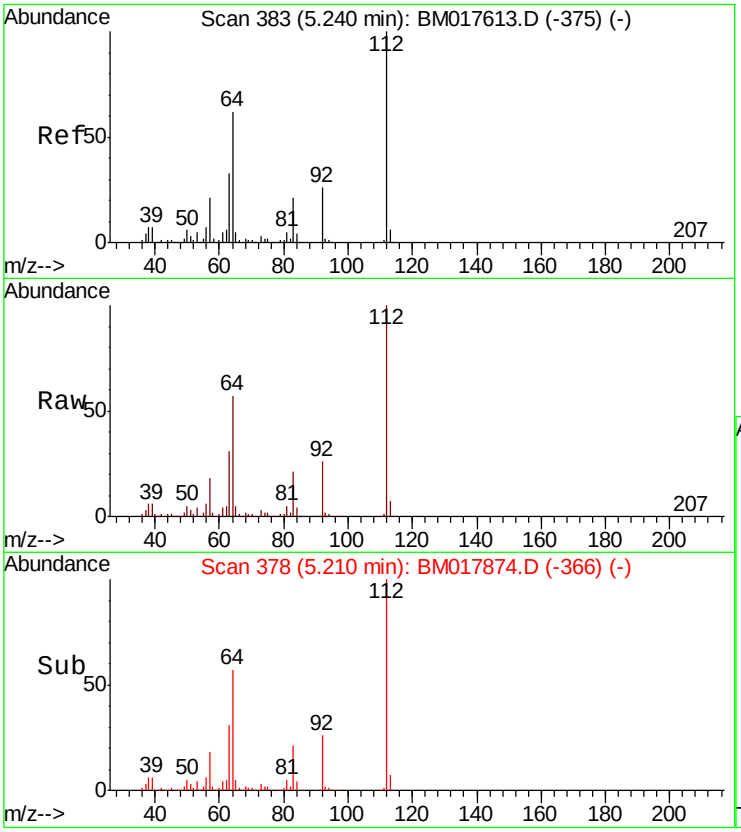




#4
n-Nitrosodimethylamine
Concen: 39.902 ng
RT: 3.50 min Scan# 88
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion: 42 Resp: 222315

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 130.5 | 93.1 | 139.7 |
| 44 | 6.1 | 5.0 | 7.6 |



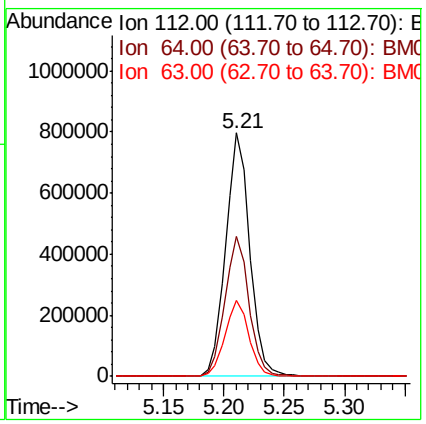


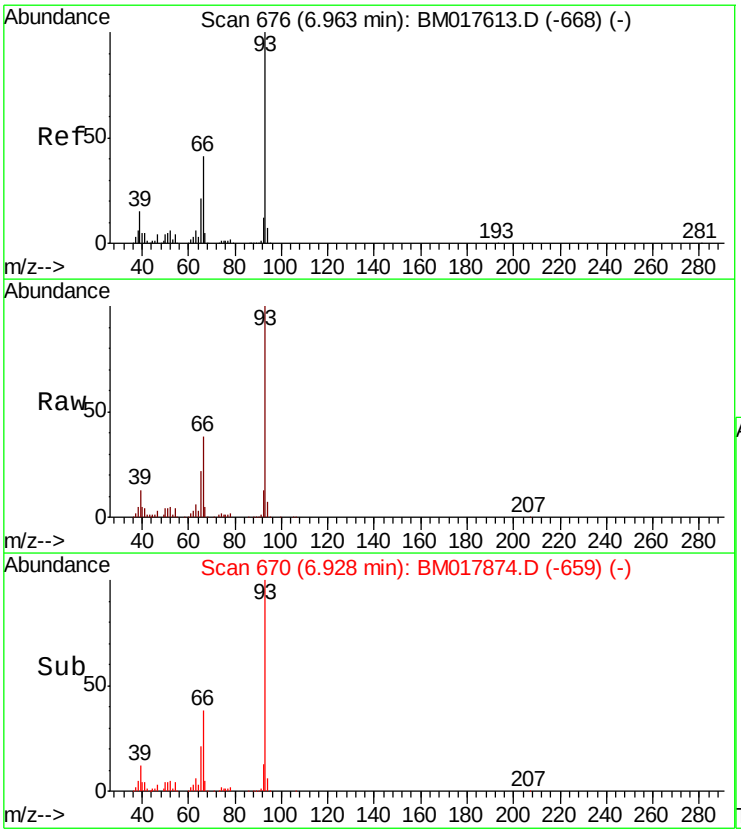

#5
2-Fluorophenol
Concen: 106.946 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:112 Resp: 1107251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.5 | 49.3 | 73.9 |
| 63 | 31.4 | 26.2 | 39.4 |

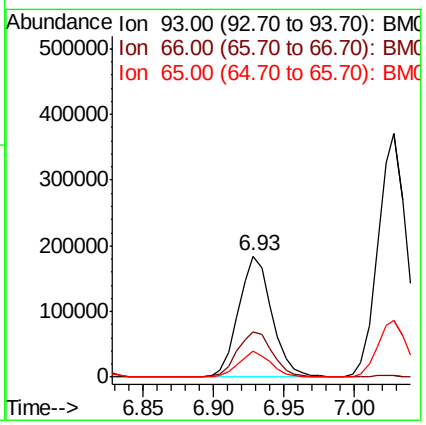


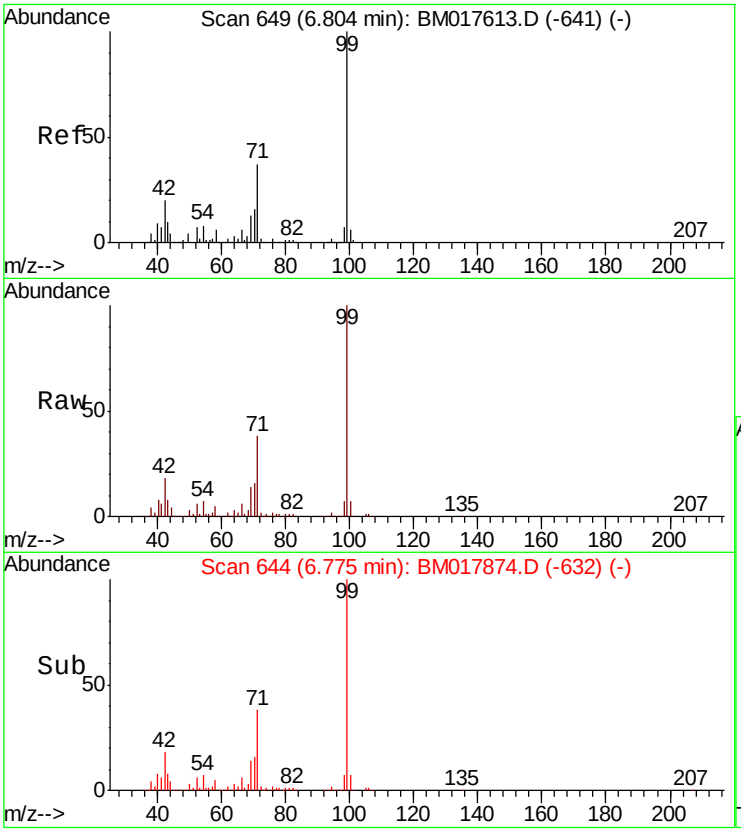




#6
Aniline
Concen: 17.009 ng
RT: 6.93 min Scan# 670
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion: 93 Resp: 304995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 37.8 | 32.8 | 49.2 |
| 65 | 21.6 | 16.6 | 25.0 |



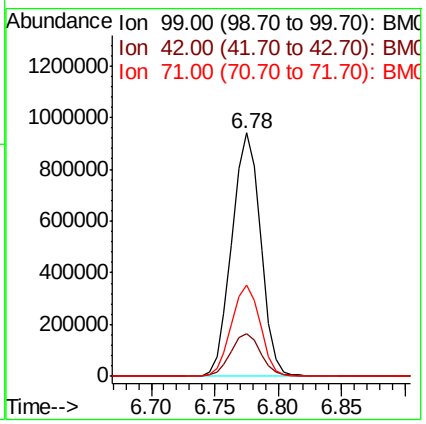


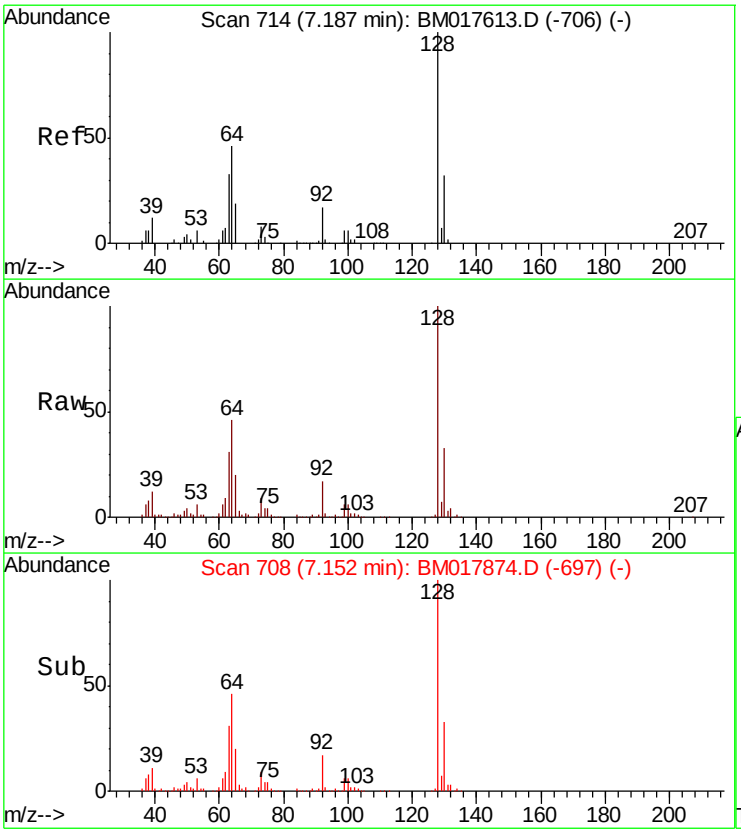

#7
Phenol-d6
Concen: 102.615 ng
RT: 6.78 min Scan# 644
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion: 99 Resp: 1483809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.6 | 16.3 | 24.5 |
| 71 | 37.7 | 29.8 | 44.8 |

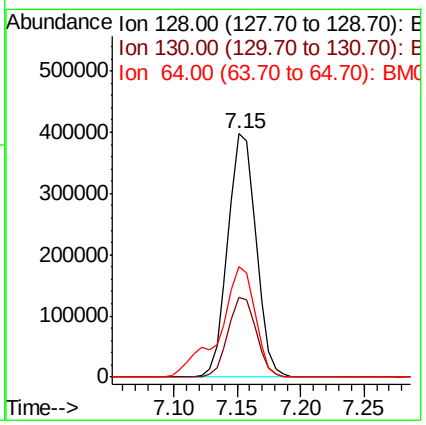


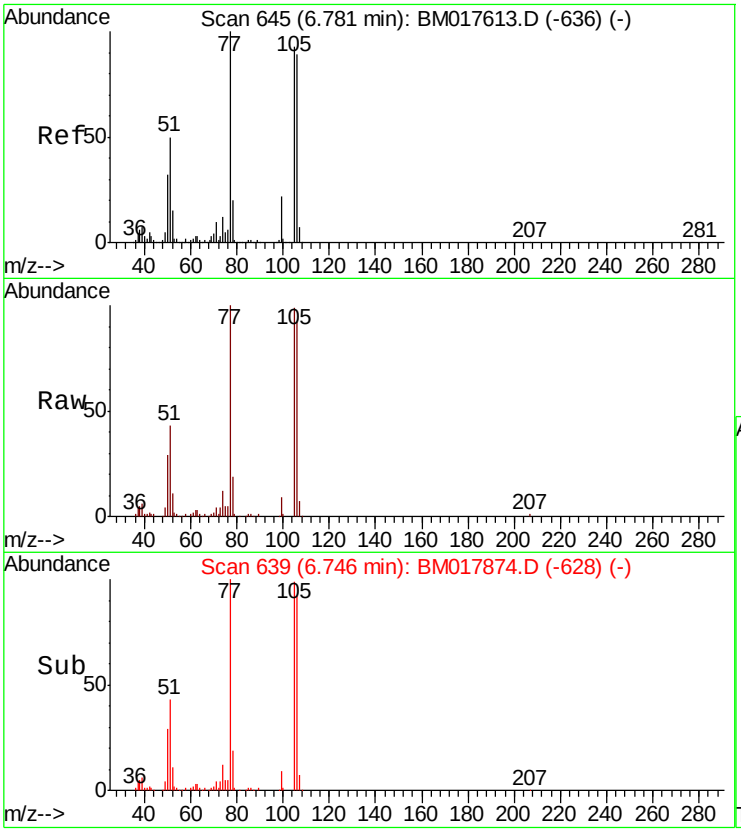




#8
2-Chlorophenol
Concen: 49.425 ng
RT: 7.15 min Scan# 708
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:128 Resp: 612412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.9 | 12.4 | 52.4 |
| 64 | 45.6 | 30.0 | 70.0 |



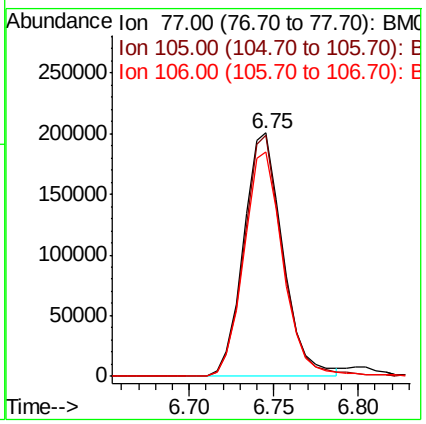


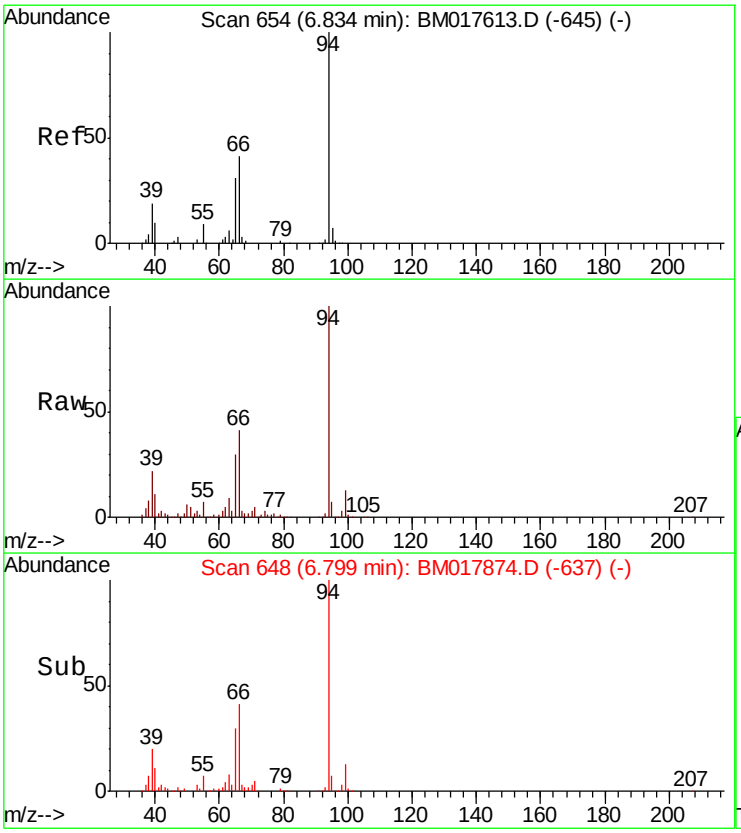

#9
Benzaldehyde
Concen: 30.790 ng
RT: 6.75 min Scan# 639
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion: 77 Resp: 324334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.2 | 72.7 | 112.7 |
| 106 | 92.3 | 68.9 | 108.9 |

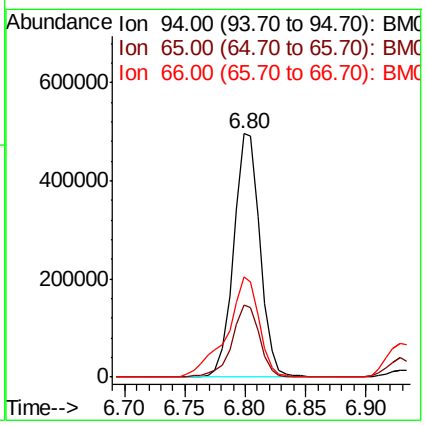


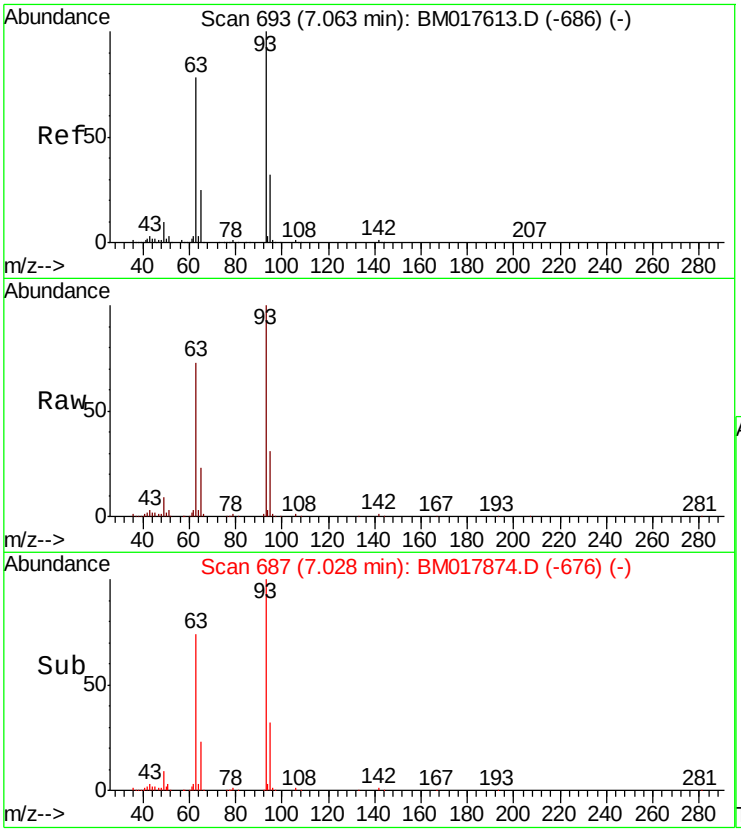




#10
Phenol
Concen: 49.651 ng
RT: 6.80 min Scan# 648
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion: 94 Resp: 753585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.7 | 11.4 | 51.4 |
| 66 | 41.1 | 21.4 | 61.4 |



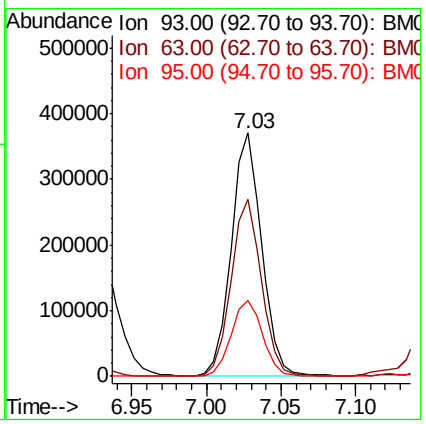


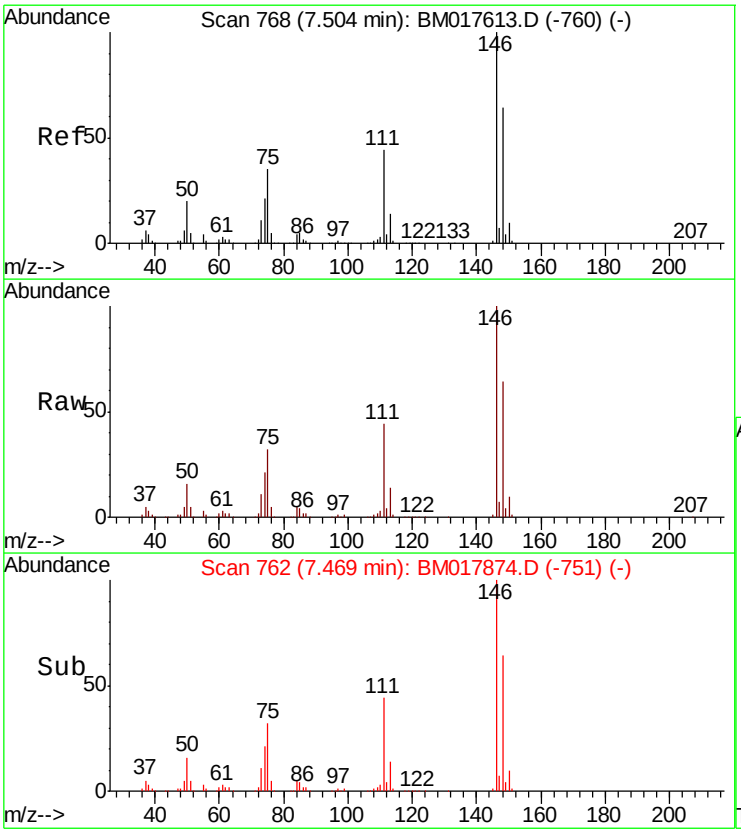

#11
bis(2-Chloroethyl)ether
Concen: 43.486 ng
RT: 7.03 min Scan# 687
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion: 93 Resp: 521028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 72.9 | 57.9 | 97.9 |
| 95 | 31.2 | 12.3 | 52.3 |

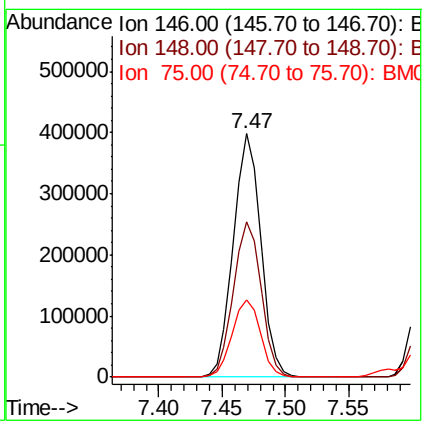


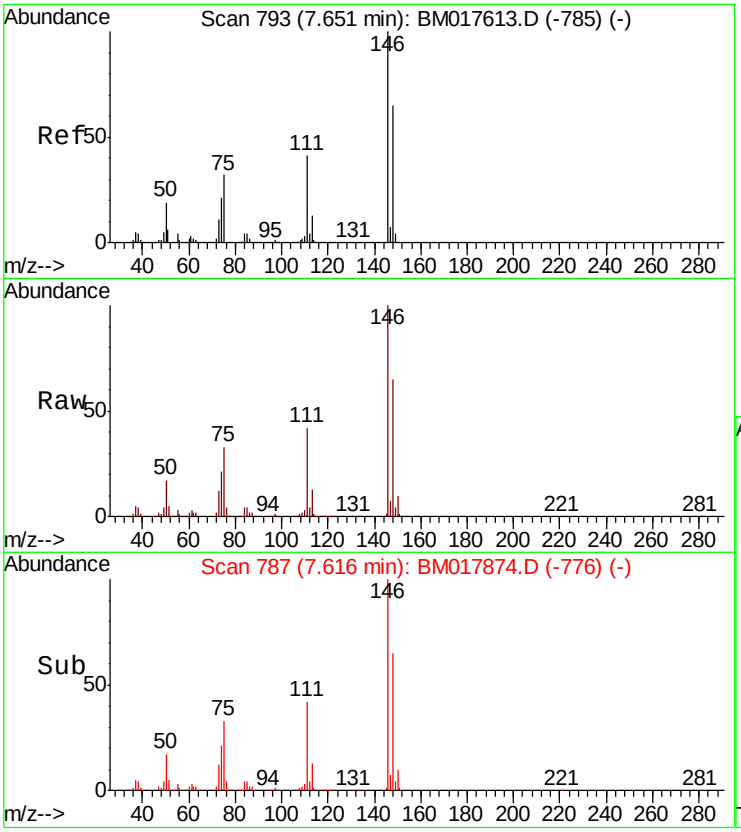




#12
1,3-Dichlorobenzene
Concen: 43.013 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:146 Resp: 597938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.0 | 51.2 | 76.8 |
| 75 | 31.9 | 28.2 | 42.2 |



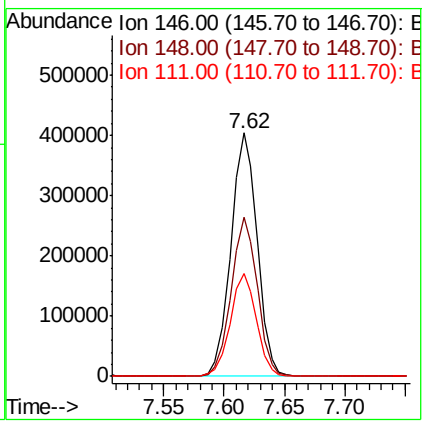


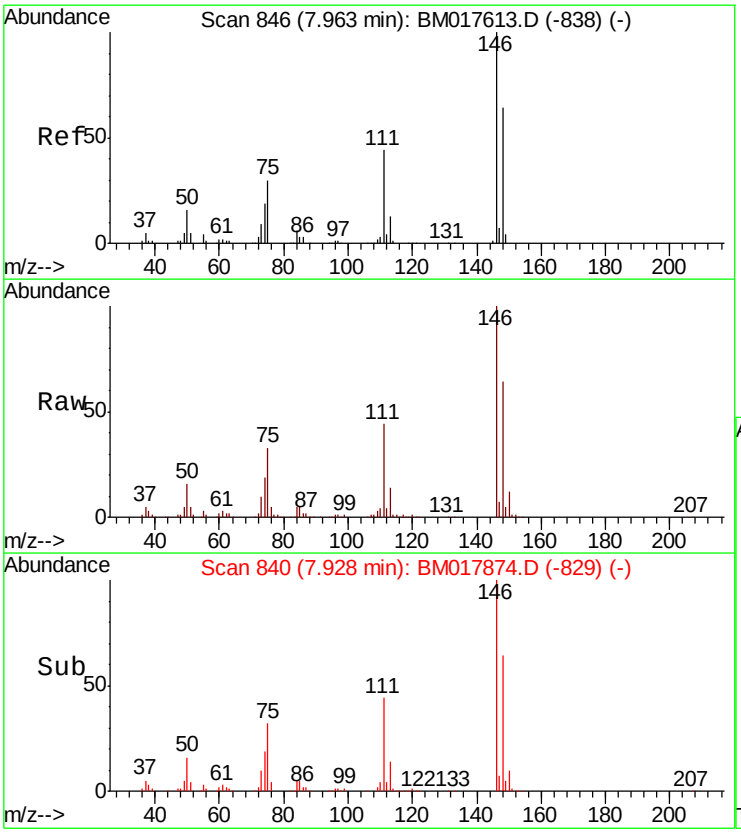

#13
1,4-Dichlorobenzene
Concen: 42.974 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:146 Resp: 612337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 65.3 | 52.0 | 78.0 |
| 111 | 42.0 | 33.2 | 49.8 |

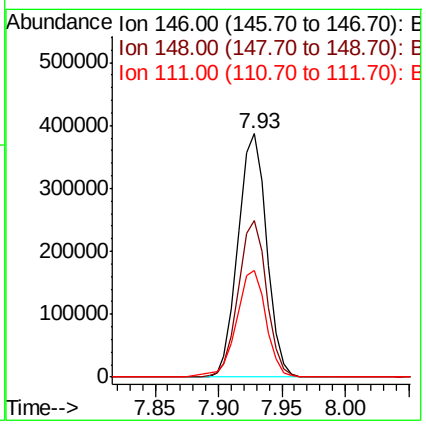


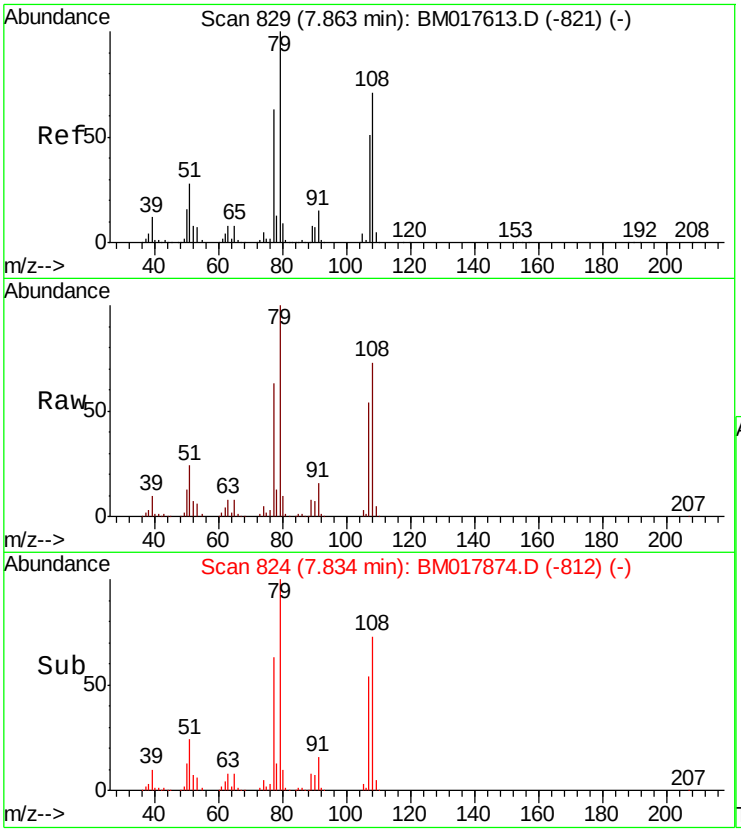




#14
1,2-Dichlorobenzene
Concen: 43.856 ng
RT: 7.93 min Scan# 840
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:146 Resp: 605931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 51.6 | 77.4 |
| 111 | 43.7 | 35.8 | 53.8 |



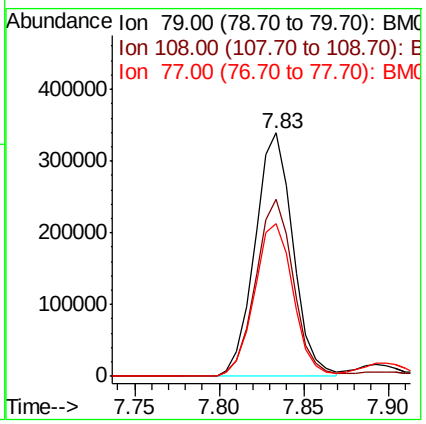


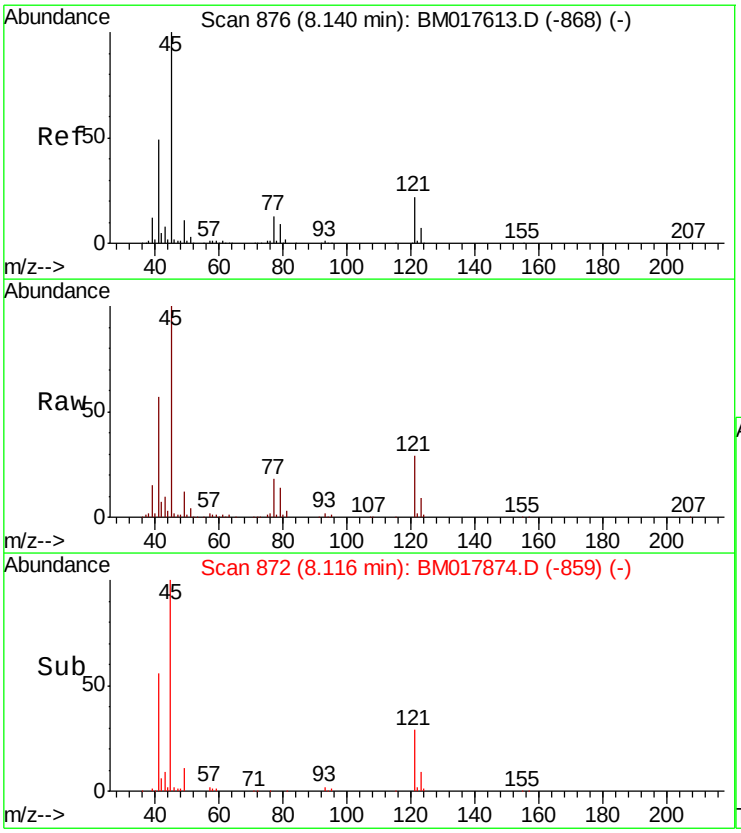

#15
Benzyl Alcohol
Concen: 46.010 ng
RT: 7.83 min Scan# 824
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion: 79 Resp: 529833

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 72.6 | 57.1 | 85.7 |
| 77 | 63.0 | 50.4 | 75.6 |

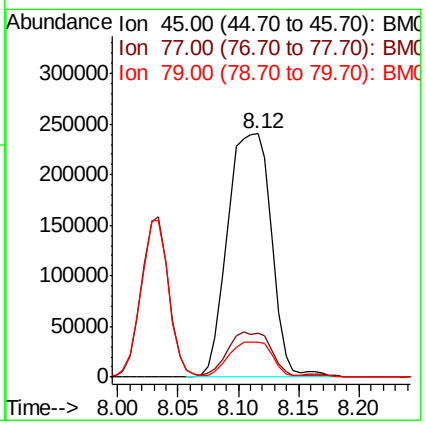


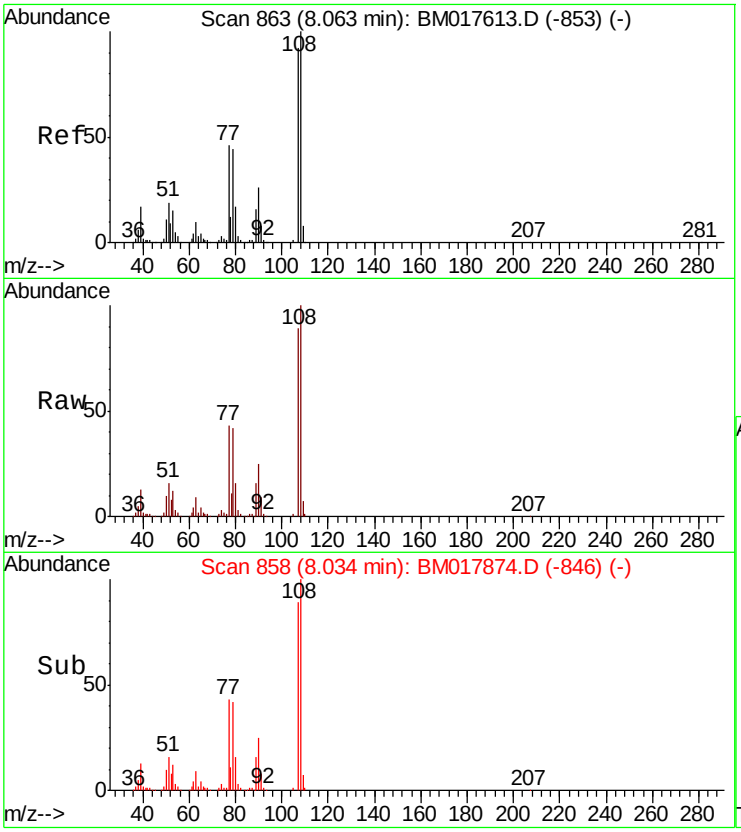




#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.455 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion: 45 Resp: 610301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 18.3 | 0.0 | 34.2 |
| 79 | 14.2 | 0.0 | 30.5 |



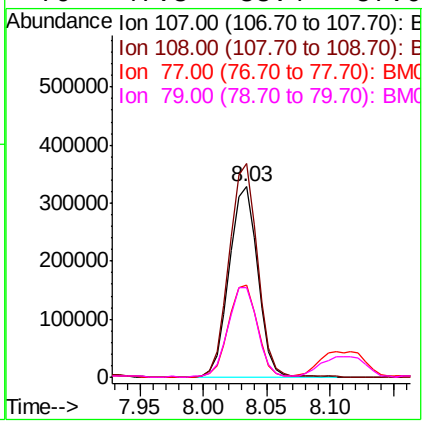


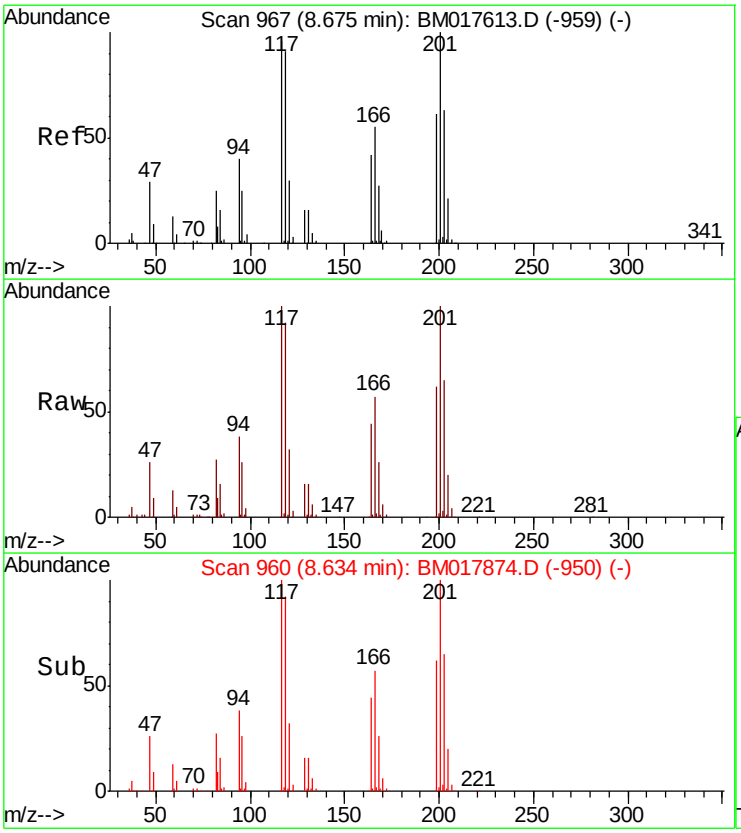

#17
2-Methylphenol
Concen: 49.798 ng
RT: 8.03 min Scan# 858
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:107 Resp: 509159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 112.3 | 86.7 | 130.1 |
| 77 | 48.4 | 39.8 | 59.6 |
| 79 | 47.3 | 38.4 | 57.6 |

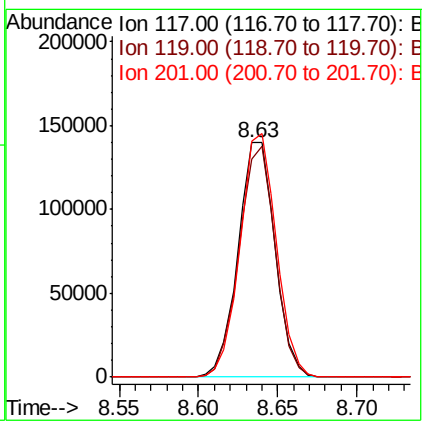


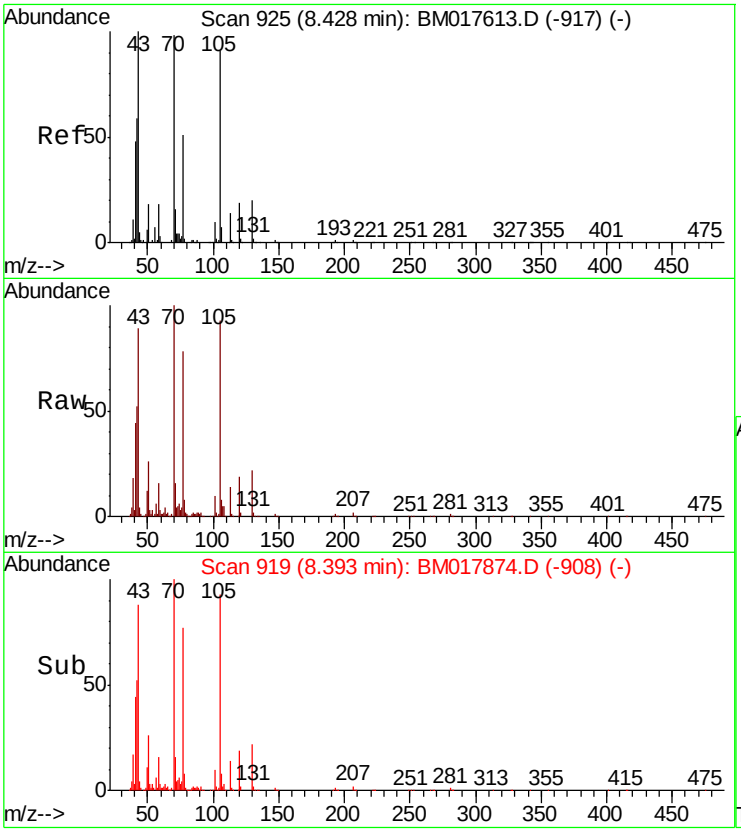




#18
Hexachloroethane
Concen: 45.121 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:117 Resp: 226598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 92.8 | 75.8 | 113.8 |
| 201 | 100.4 | 83.0 | 124.4 |



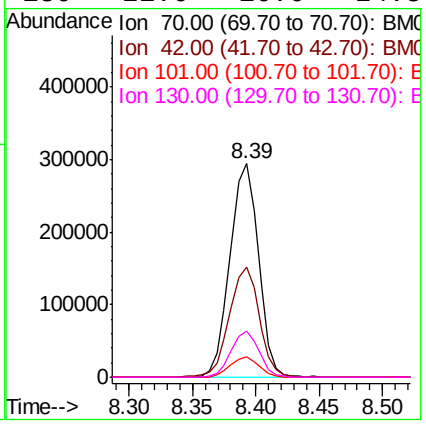


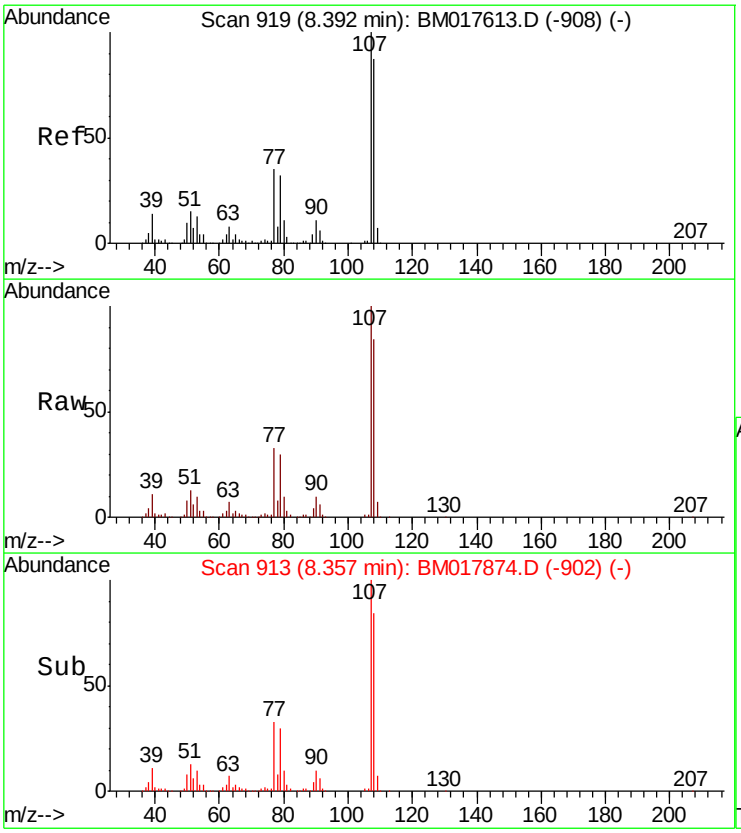

#19
n-Nitroso-di-n-propylamine
Concen: 44.085 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion: 70 Resp: 457723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 51.7 | 48.6 | 73.0 |
| 101 | 9.9 | 7.9 | 11.9 |
| 130 | 21.6 | 16.6 | 24.8 |

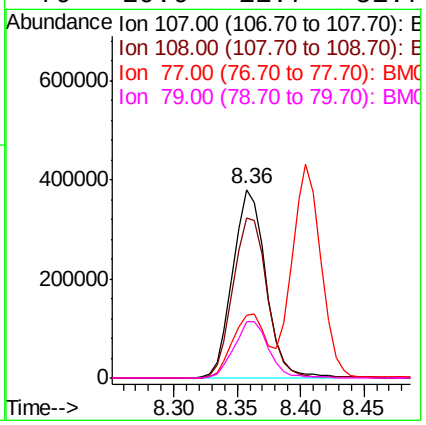


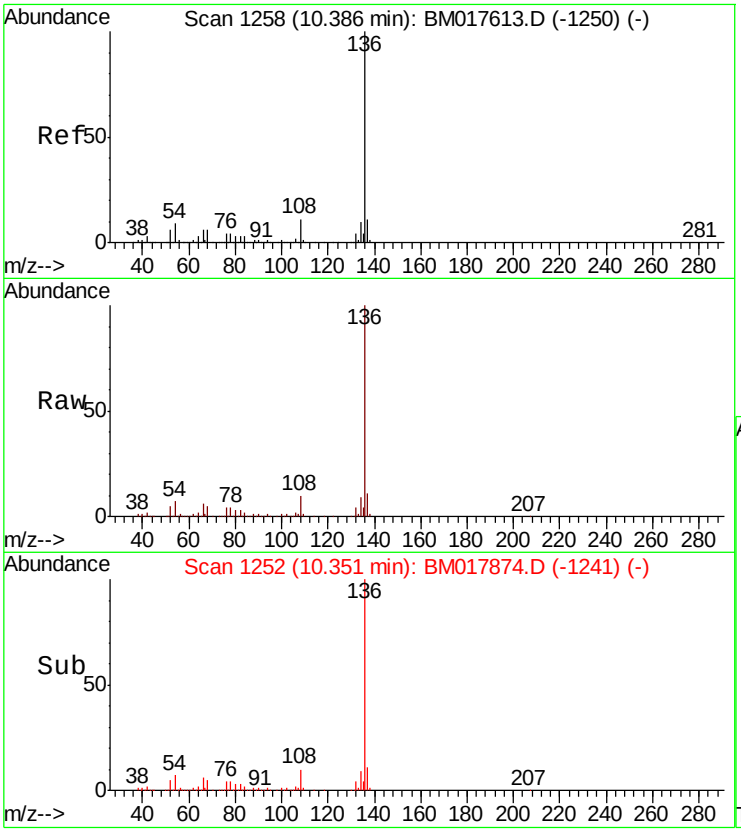




#20
3+4-Methylphenols
Concen: 48.694 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:107 Resp: 691751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 84.5 | 67.0 | 107.0 |
| 77 | 33.3 | 15.6 | 55.6 |
| 79 | 29.6 | 11.7 | 51.7 |



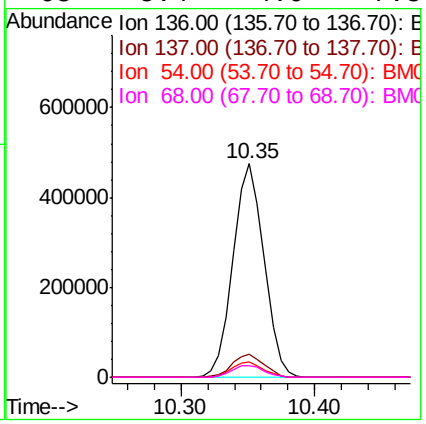


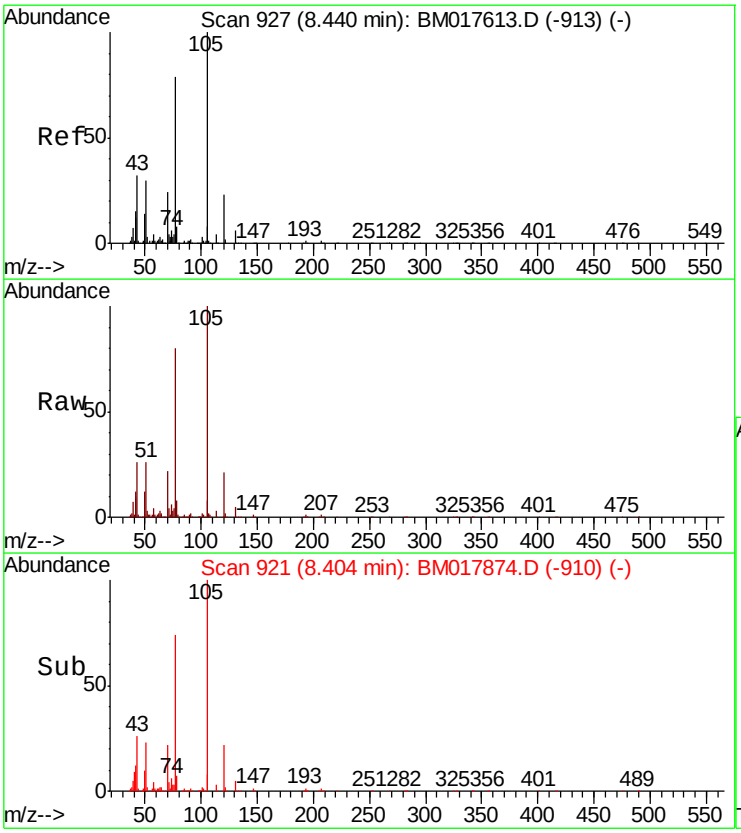

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:136 Resp: 765661

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 12.8 |
| 54 | 7.1 | 7.0 | 10.6 |
| 68 | 5.4 | 4.9 | 7.3 |

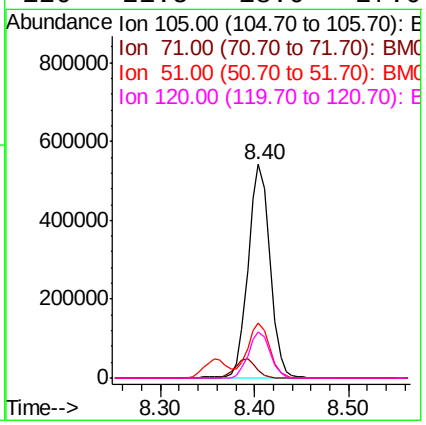


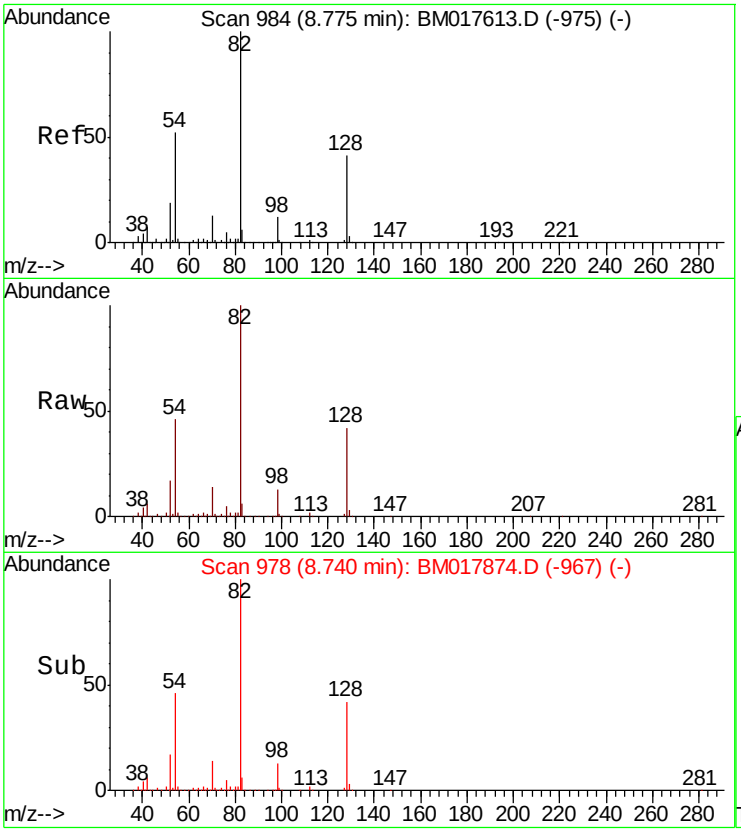




#22
Acetophenone
Concen: 45.806 ng
RT: 8.40 min Scan# 921
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:105 Resp: 875337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 3.6 | 3.1 | 4.7 |
| 51 | 25.8 | 23.8 | 35.8 |
| 120 | 21.5 | 18.0 | 27.0 |



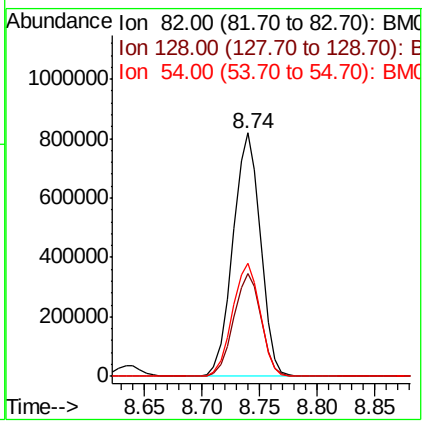


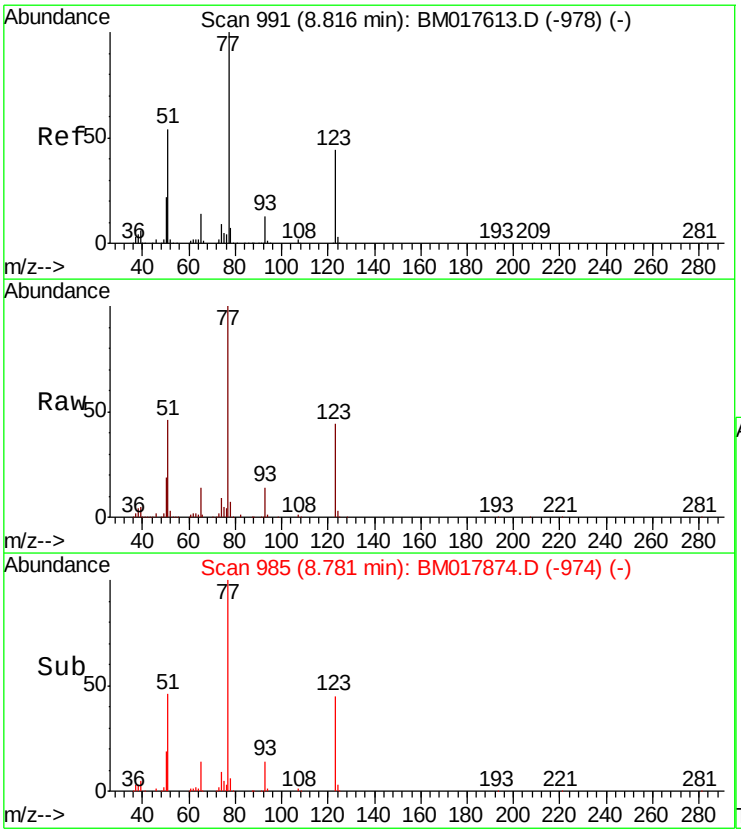

#23
Nitrobenzene-d5
Concen: 91.257 ng
RT: 8.74 min Scan# 978
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion: 82 Resp: 1353441

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.1 | 33.0 | 49.4 |
| 54 | 46.2 | 41.4 | 62.2 |

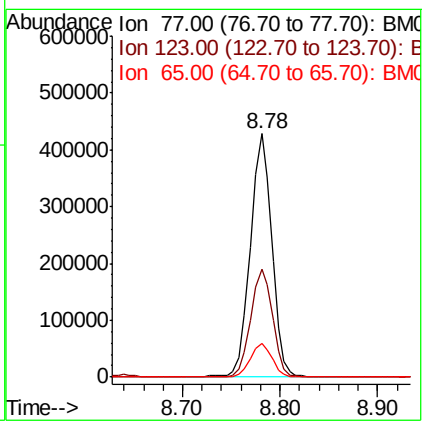


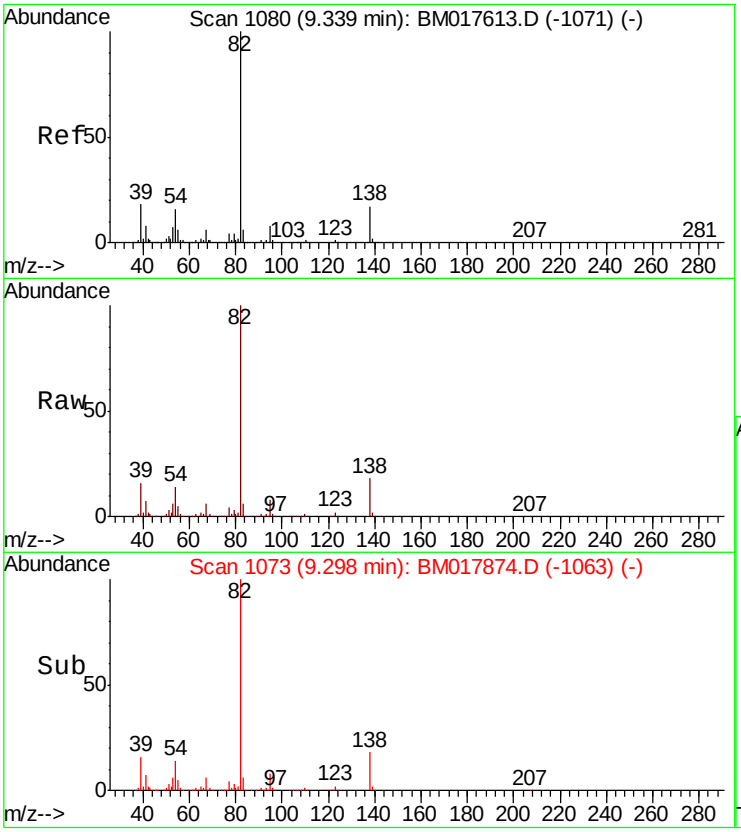




#24
Nitrobenzene
Concen: 43.847 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion: 77 Resp: 659787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 44.5 | 35.1 | 52.7 |
| 65 | 14.1 | 11.0 | 16.6 |



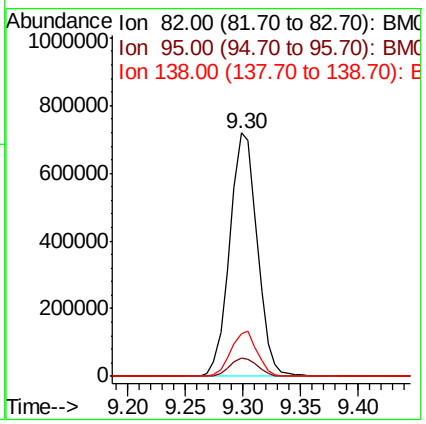


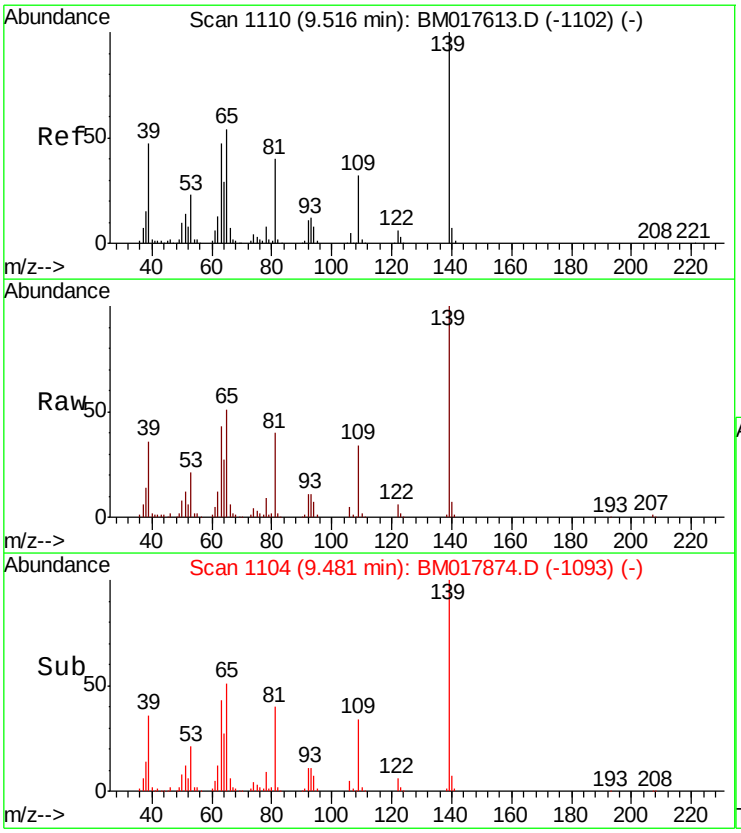

#25
Isophorone
Concen: 51.979 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion: 82 Resp: 1190682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.5 | 6.1 | 9.1 |
| 138 | 17.6 | 13.9 | 20.9 |

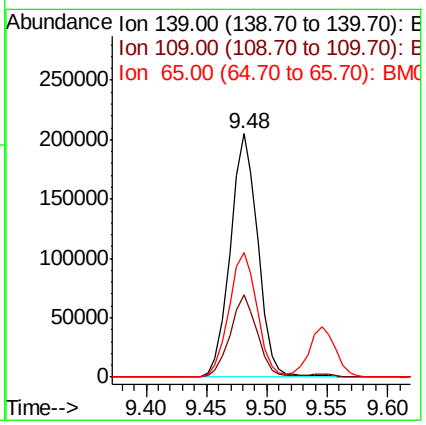


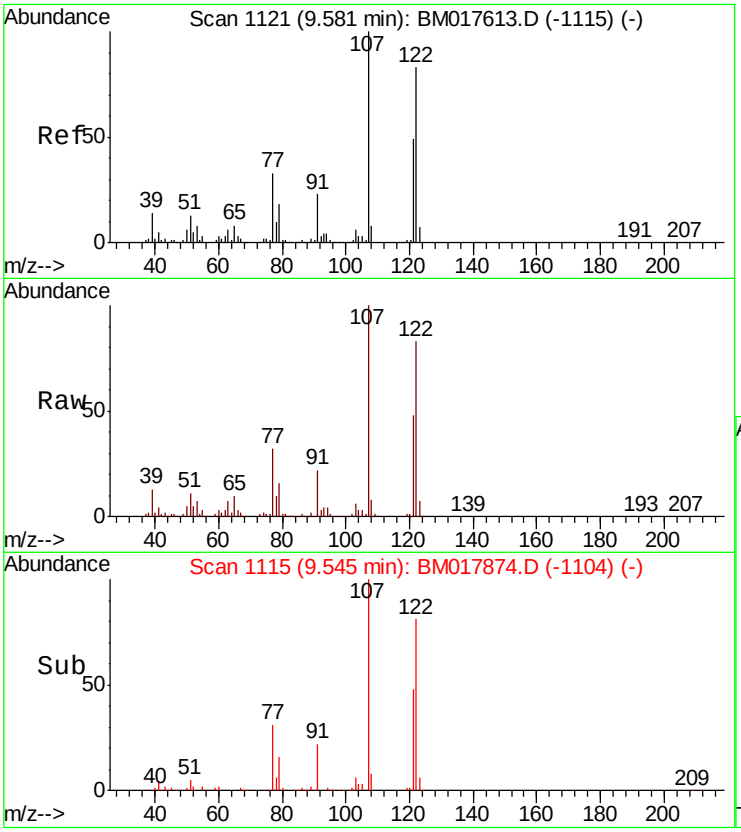




#26
2-Nitrophenol
Concen: 47.081 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:139 Resp: 326324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 33.7 | 25.9 | 38.9 |
| 65 | 51.3 | 43.0 | 64.4 |



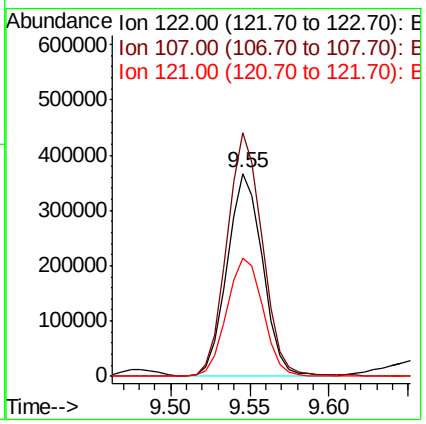


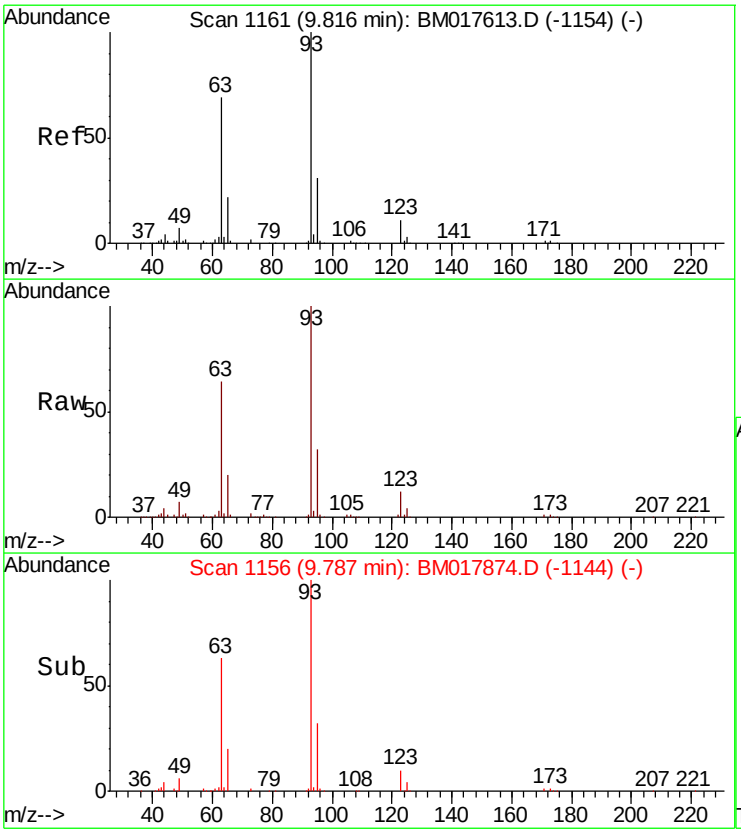

#27
2,4-Dimethylphenol
Concen: 56.574 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:122 Resp: 565126

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 120.0 | 95.8 | 143.8 |
| 121 | 58.0 | 47.2 | 70.8 |

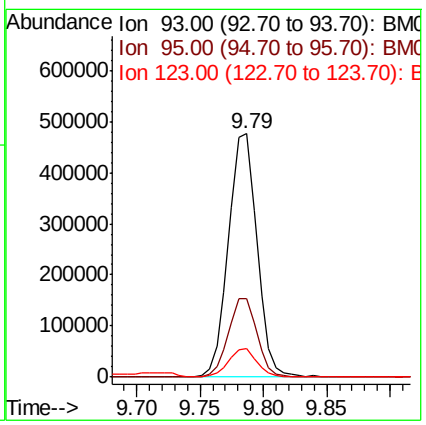


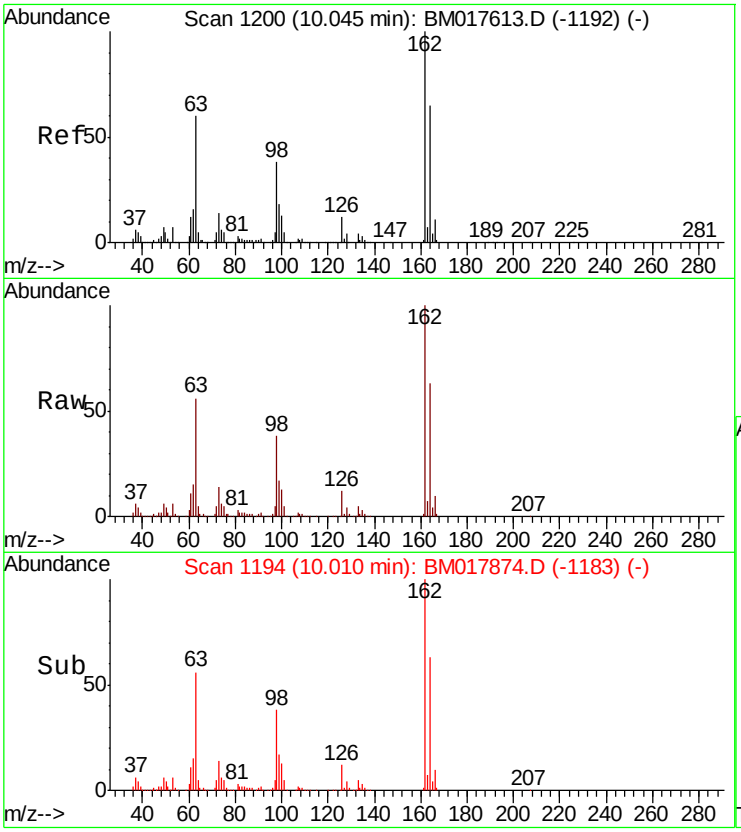




#28
bis(2-Chloroethoxy)methane
Concen: 47.949 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion: 93 Resp: 743912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.5 | 24.9 | 37.3 |
| 123 | 11.9 | 8.7 | 13.1 |



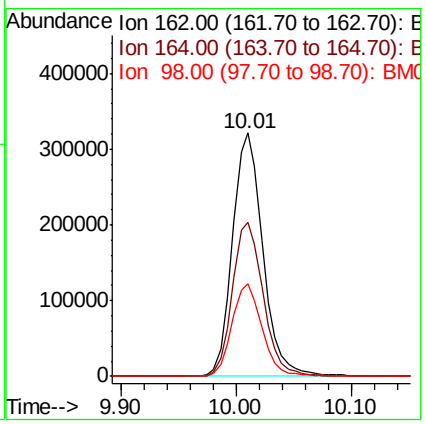


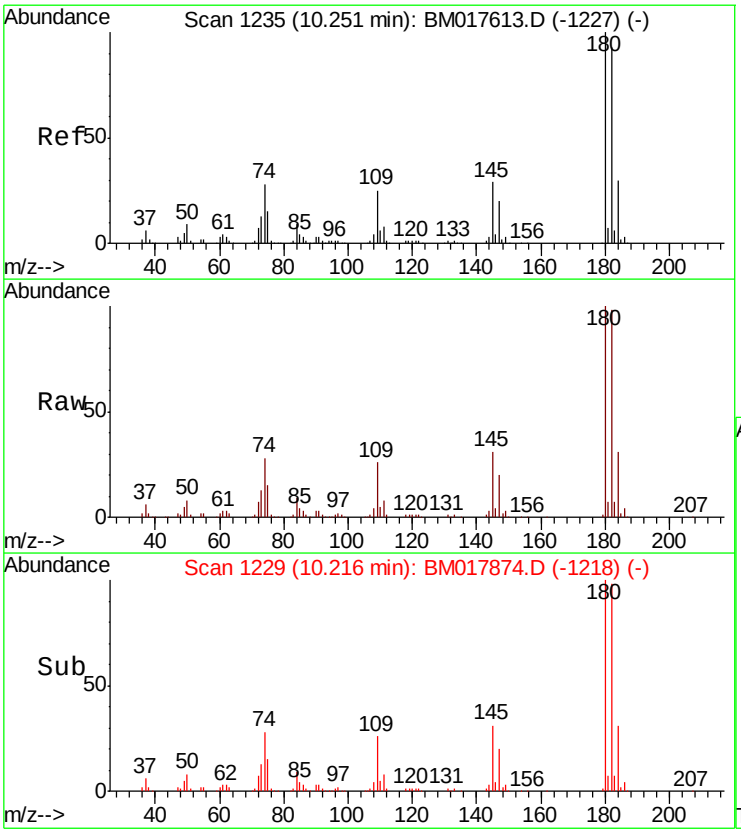

#29
2,4-Dichlorophenol
Concen: 50.388 ng
RT: 10.01 min Scan# 1194
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:162 Resp: 584282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 63.5 | 45.0 | 85.0 |
| 98 | 37.9 | 17.5 | 57.5 |

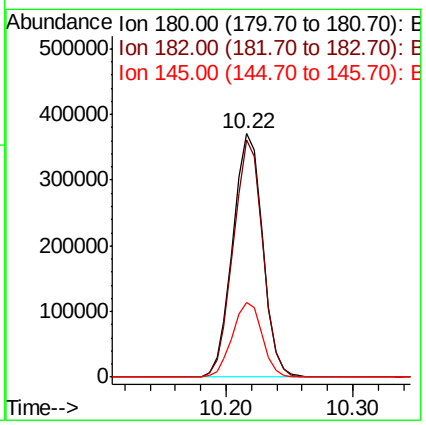


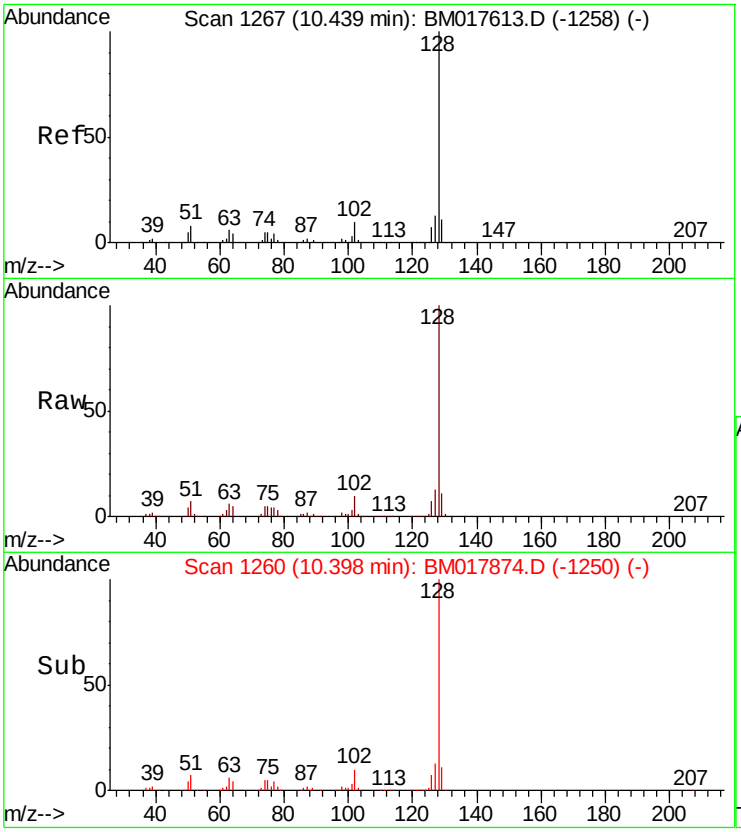




#30
1,2,4-Trichlorobenzene
Concen: 44.815 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:180 Resp: 604404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 97.5 | 74.4 | 111.6 |
| 145 | 30.8 | 23.5 | 35.3 |



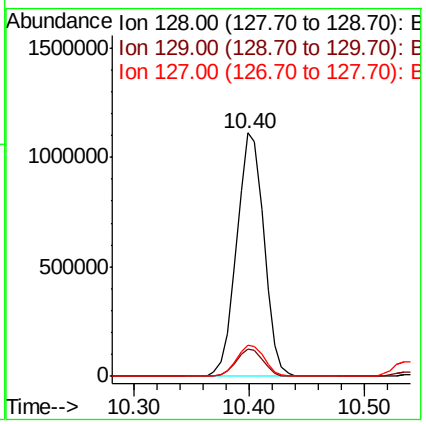


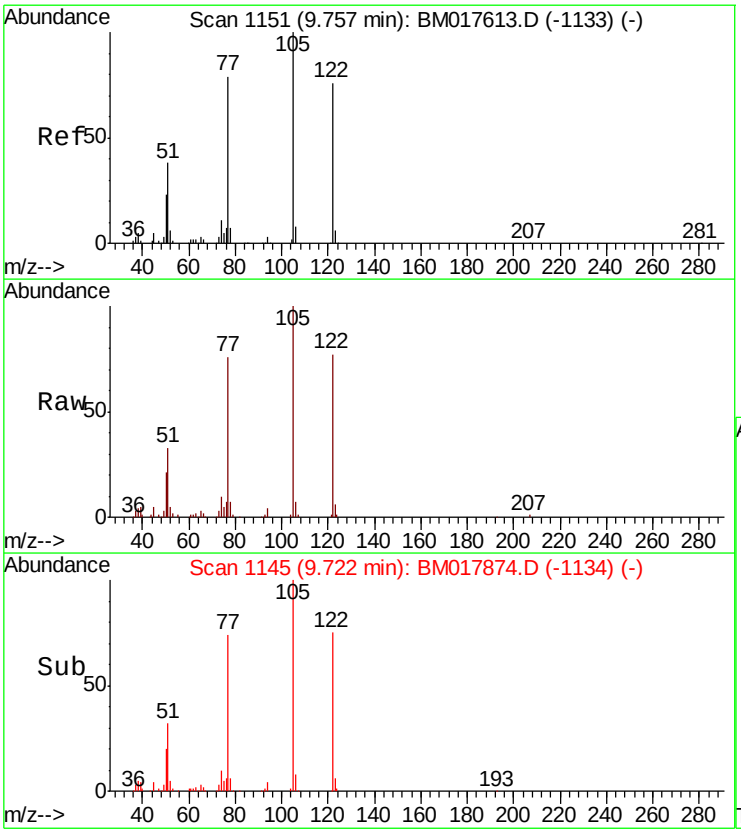

#31
Naphthalene
Concen: 48.354 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:128 Resp: 1820312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.2 | 8.6 | 12.8 |
| 127 | 12.9 | 10.3 | 15.5 |

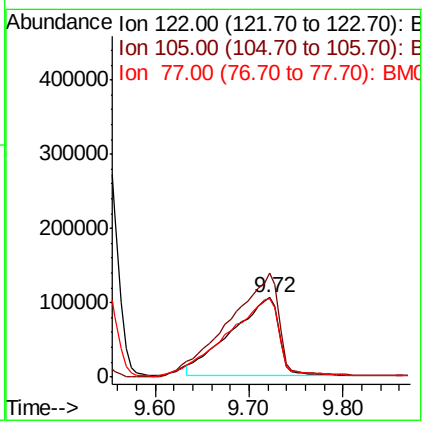


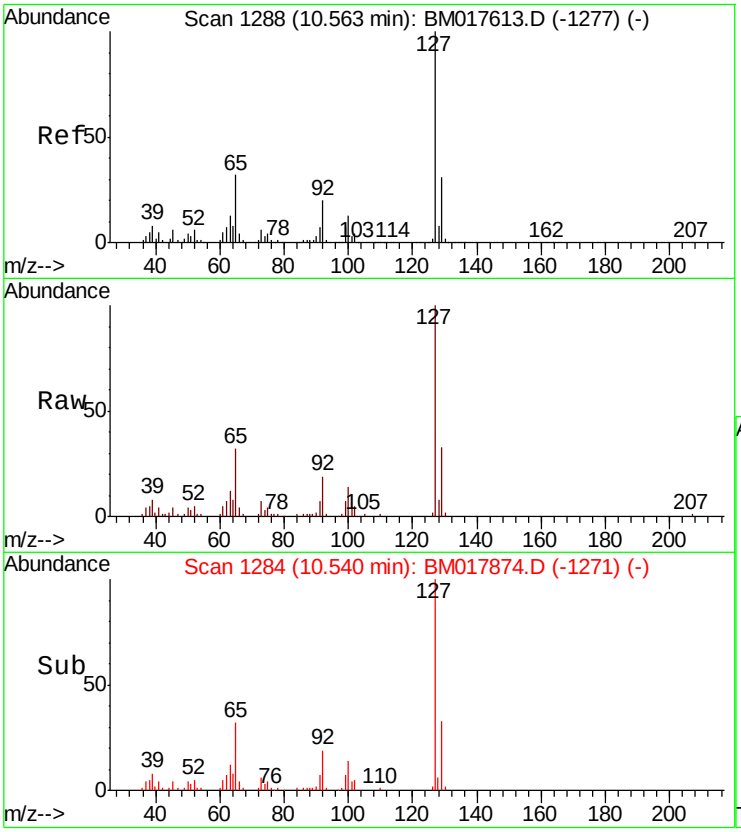




#32
Benzoic acid
Concen: 40.967 ng
RT: 9.72 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:122 Resp: 370700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 130.2 | 109.1 | 149.1 |
| 77 | 98.5 | 82.1 | 122.1 |



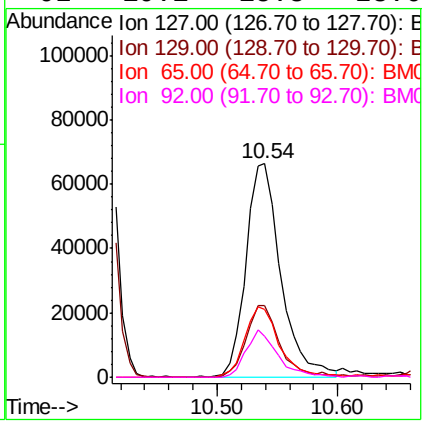


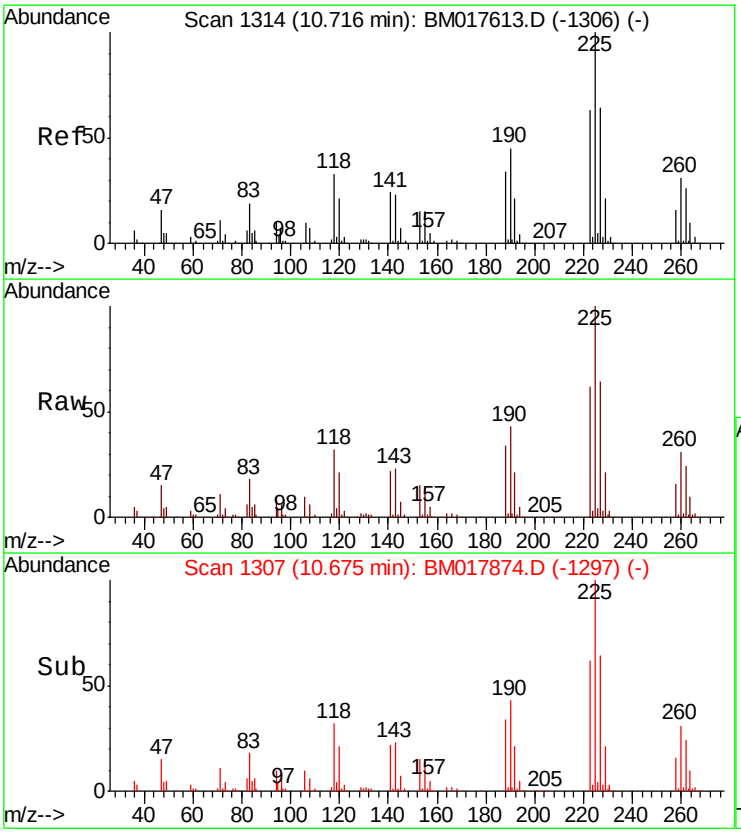

#33
4-Chloroaniline
Concen: 8.111 ng
RT: 10.54 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:127 Resp: 133724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 33.3 | 25.0 | 37.4 |
| 65 | 31.9 | 25.8 | 38.8 |
| 92 | 19.1 | 15.8 | 23.6 |

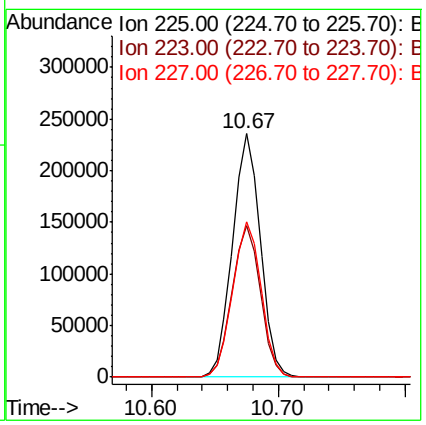


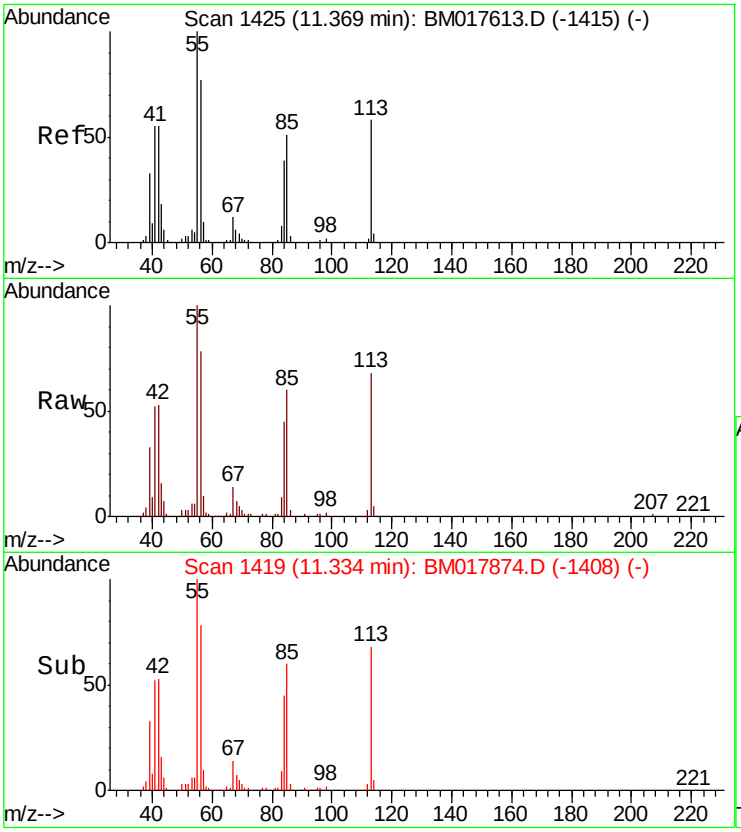




#34
Hexachlorobutadiene
Concen: 42.762 ng
RT: 10.67 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:225 Resp: 358027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 62.2 | 50.7 | 76.1 |
| 227 | 63.9 | 51.0 | 76.4 |



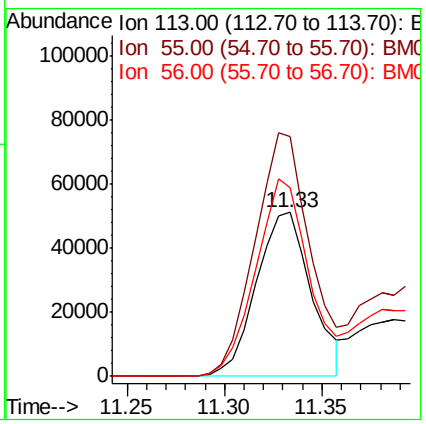


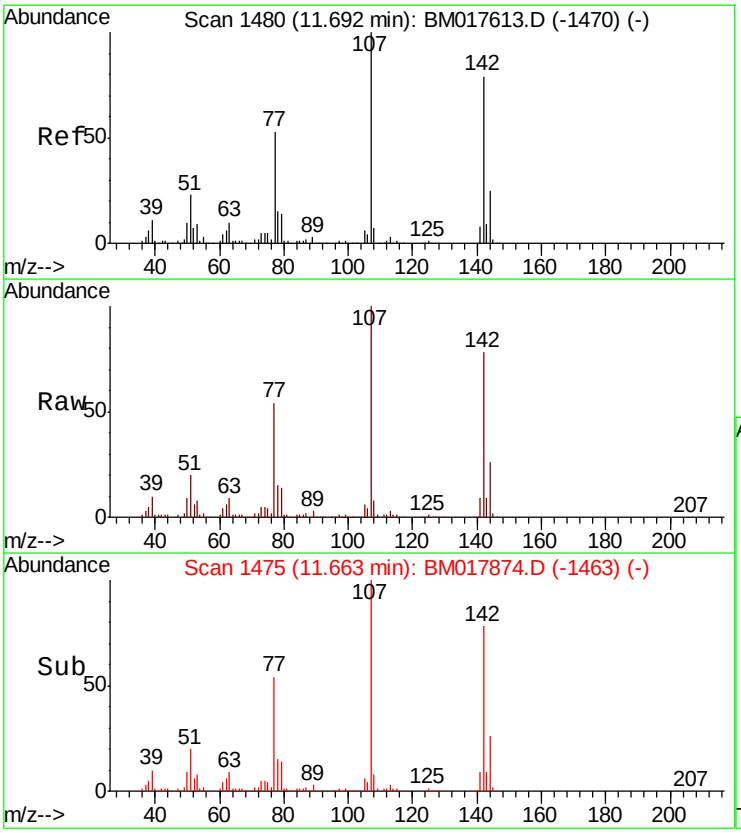

#35
Caprolactam
Concen:  23.254 ng
RT: 11.33 min  Scan# 1419
Delta R.T.  -0.04 min
Lab File:  BM017874.D
Acq: 02 Dec 2018  02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:113 Resp:  99299

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 146.3 | 153.1 | 193.1# |
| 56 | 114.8 | 112.7 | 152.7 |

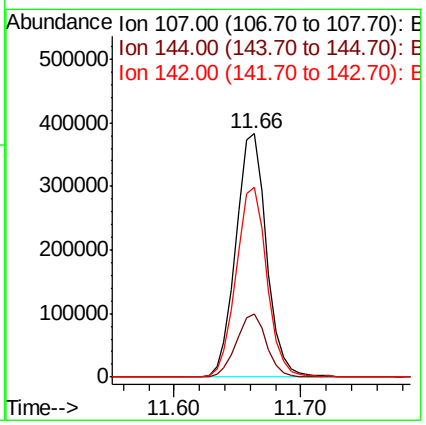


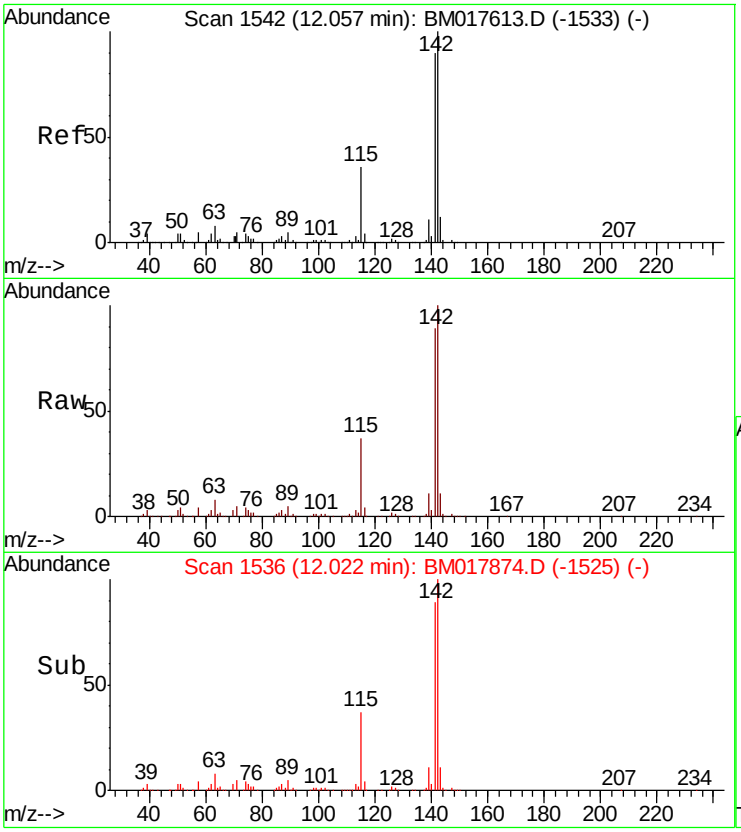




#36
4-Chloro-3-methylphenol
Concen:  47.977 ng
RT: 11.66 min  Scan# 1475
Delta R.T.  -0.03 min
Lab File:  BM017874.D
Acq: 02 Dec 2018  02:21

Tgt Ion:107 Resp:  642304

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.9 | 19.9 | 29.9 |
| 142 | 77.8 | 63.0 | 94.4 |



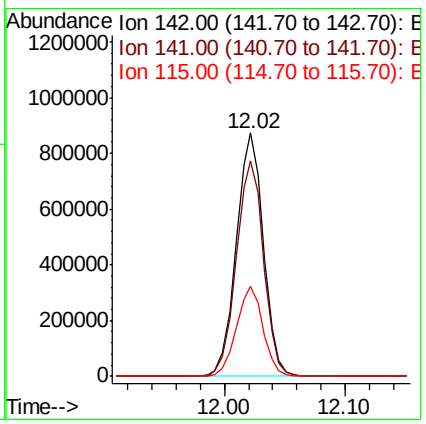


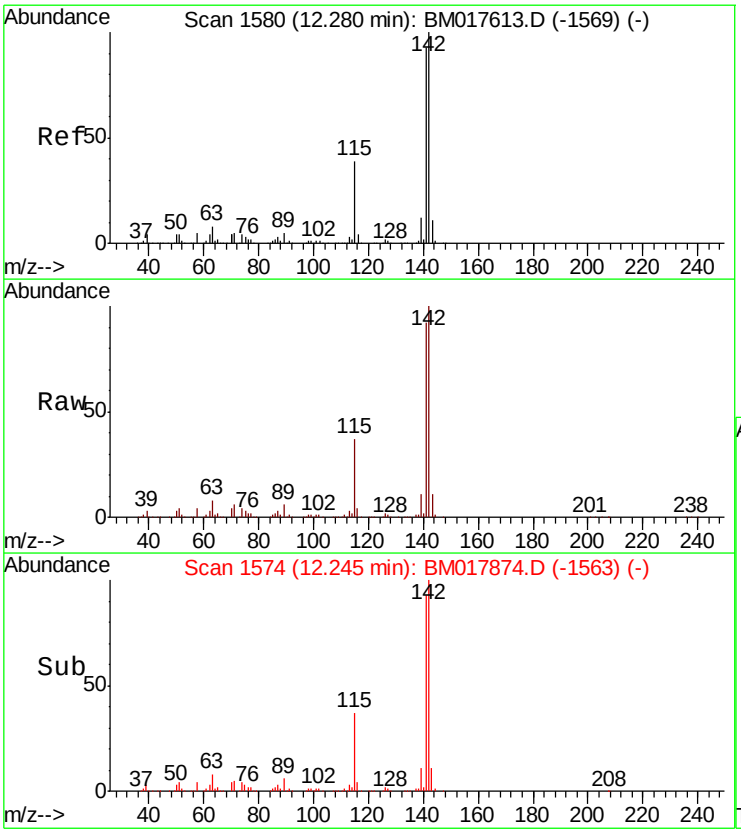

#37
2-Methylnaphthalene
Concen: 51.342 ng
RT: 12.02 min Scan# 1536
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:142 Resp: 1366024

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.5 | 72.2 | 108.4 |
| 115 | 36.8 | 28.5 | 42.7 |

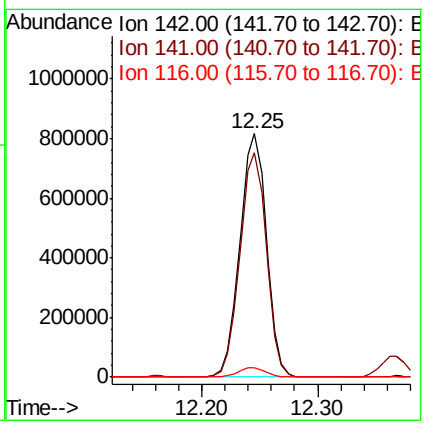


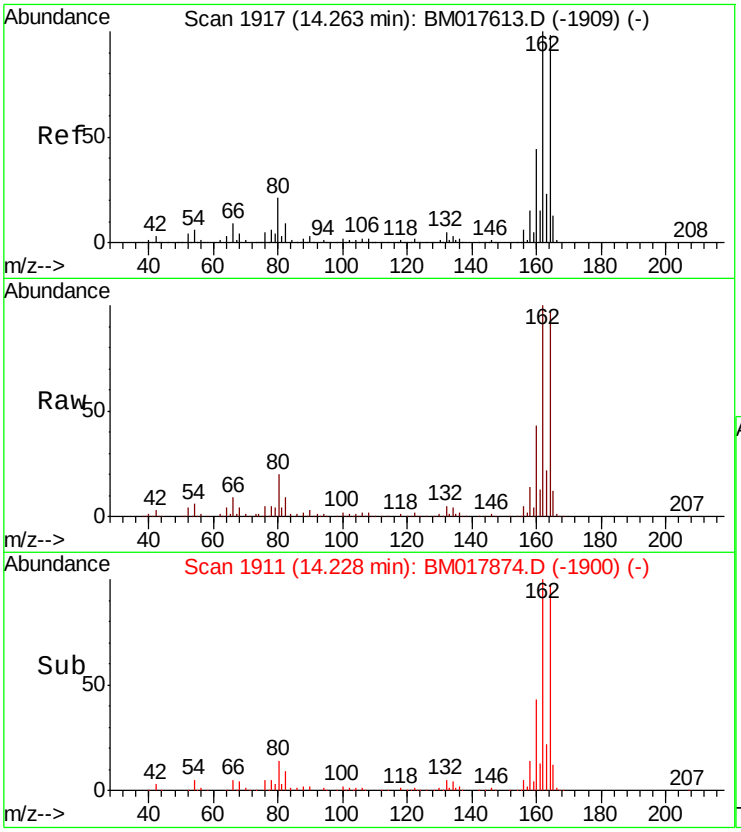




#38
1-Methylnaphthalene
Concen: 50.092 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:142 Resp: 1306781

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 92.4 | 74.2 | 111.4 |
| 116 | 4.0 | 3.1 | 4.7 |



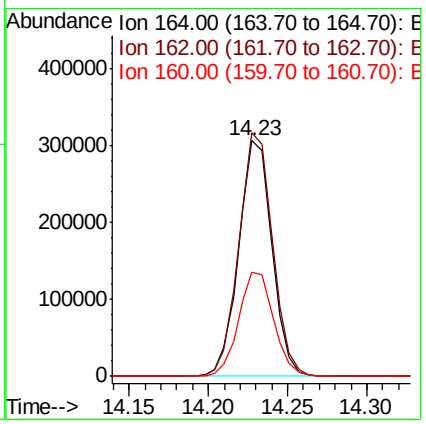


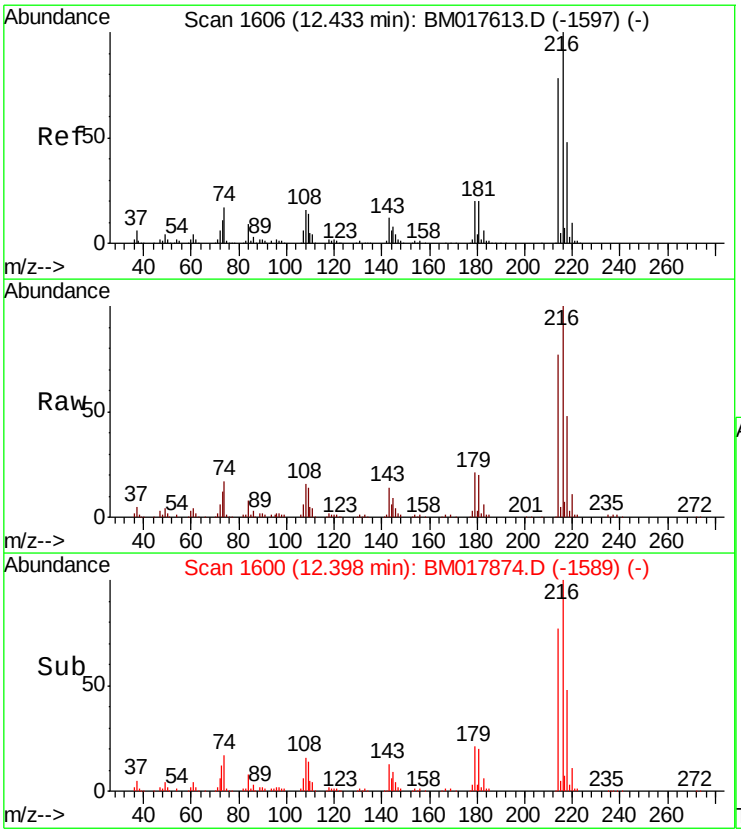

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:164 Resp: 446123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.3 | 81.4 | 122.0 |
| 160 | 44.4 | 35.6 | 53.4 |

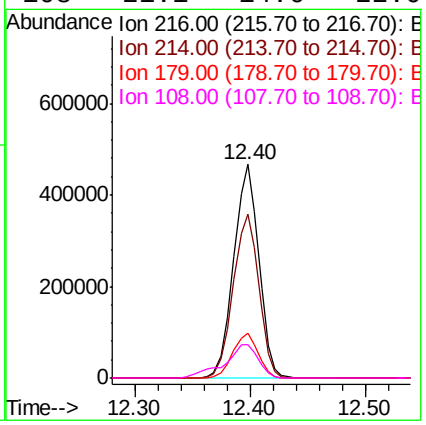


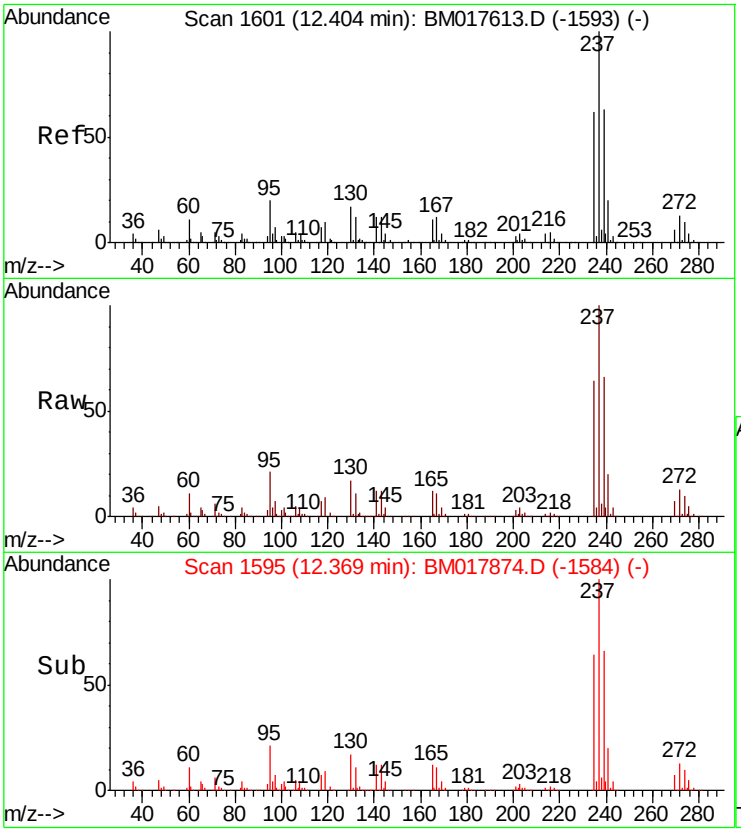




#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.687 ng
RT: 12.40 min Scan# 1600
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:216 Resp: 702994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 78.2 | 62.5 | 93.7 |
| 179 | 21.1 | 16.8 | 25.2 |
| 108 | 21.1 | 14.6 | 22.0 |



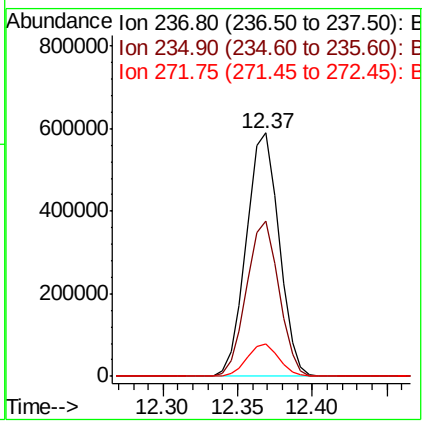


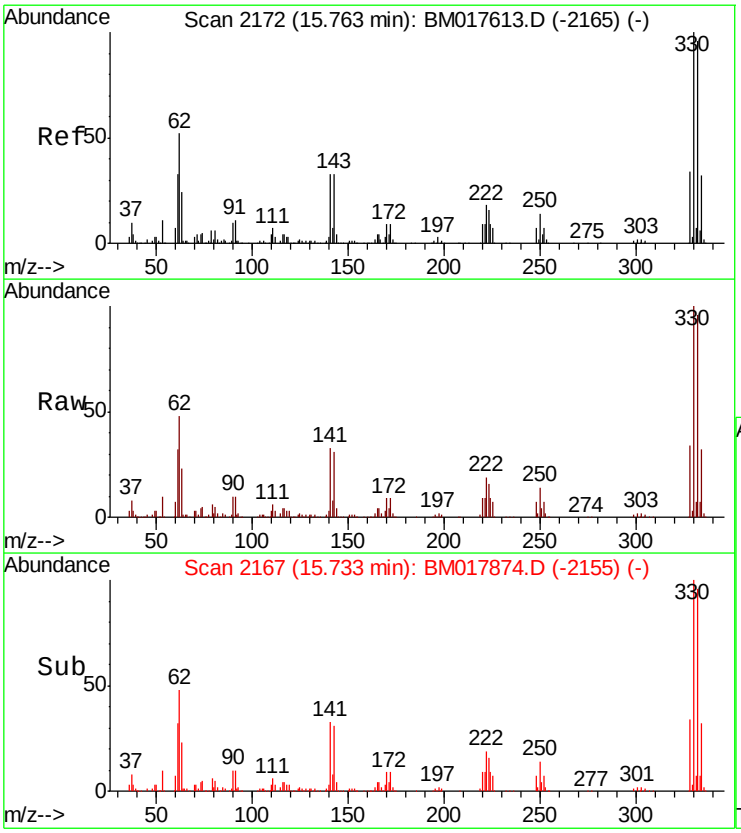

#41
Hexachlorocyclopentadiene
Concen: 110.009 ng
RT: 12.37 min Scan# 1595
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:237 Resp: 894260

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 63.8 | 42.2 | 82.2 |
| 272 | 13.2 | 0.0 | 32.6 |

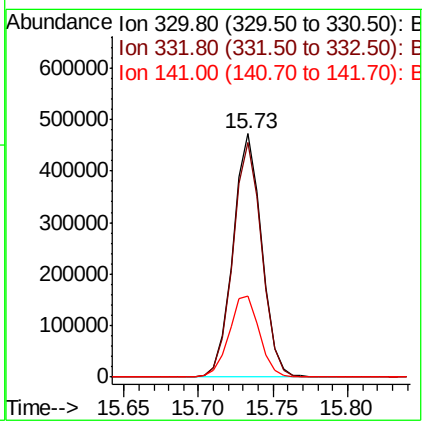


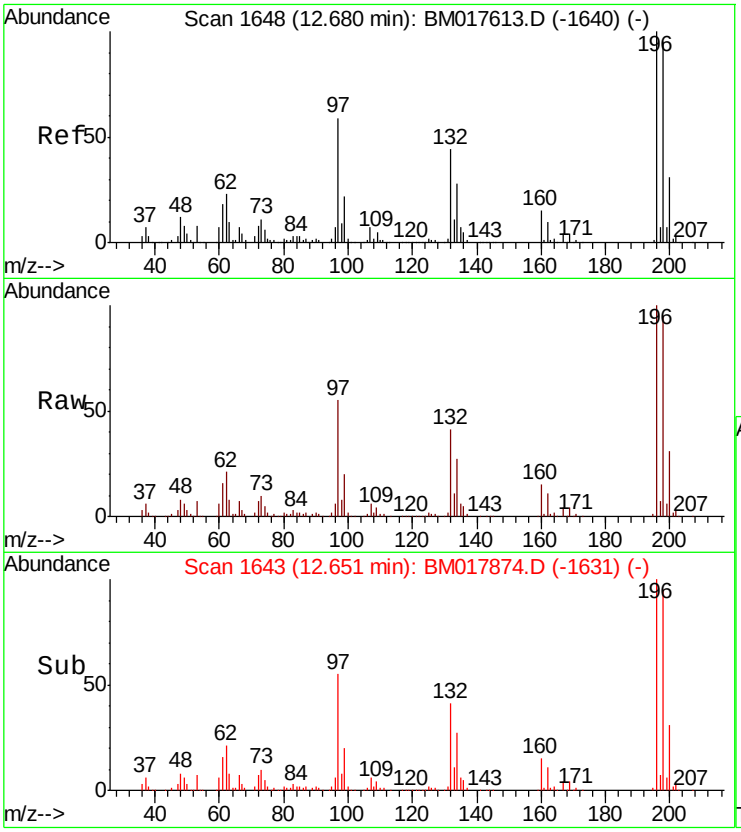




#42
2,4,6-Tribromophenol
Concen: 98.623 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:330 Resp: 632191

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 77.9 | 116.9 |
| 141 | 35.4 | 27.5 | 41.3 |



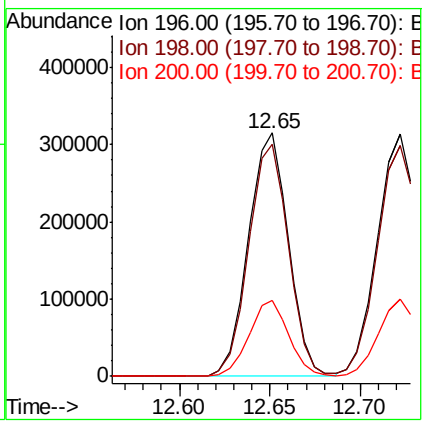


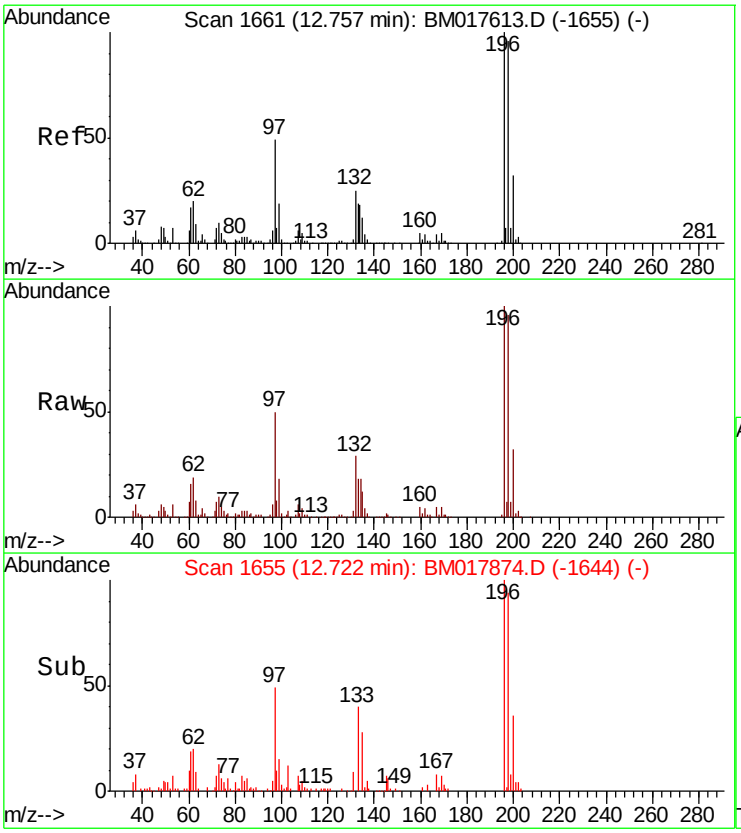

#43
2,4,6-Trichlorophenol
Concen: 49.014 ng
RT: 12.65 min Scan# 1643
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:196 Resp: 482969

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.3 | 75.6 | 113.4 |
| 200 | 31.3 | 24.8 | 37.2 |

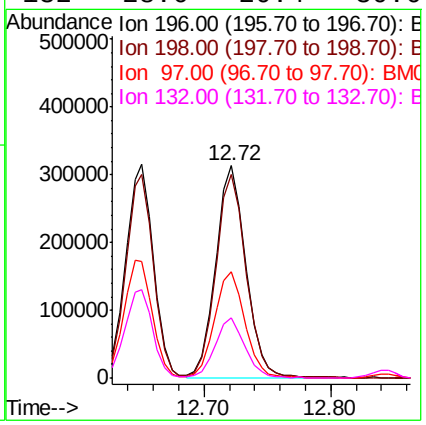


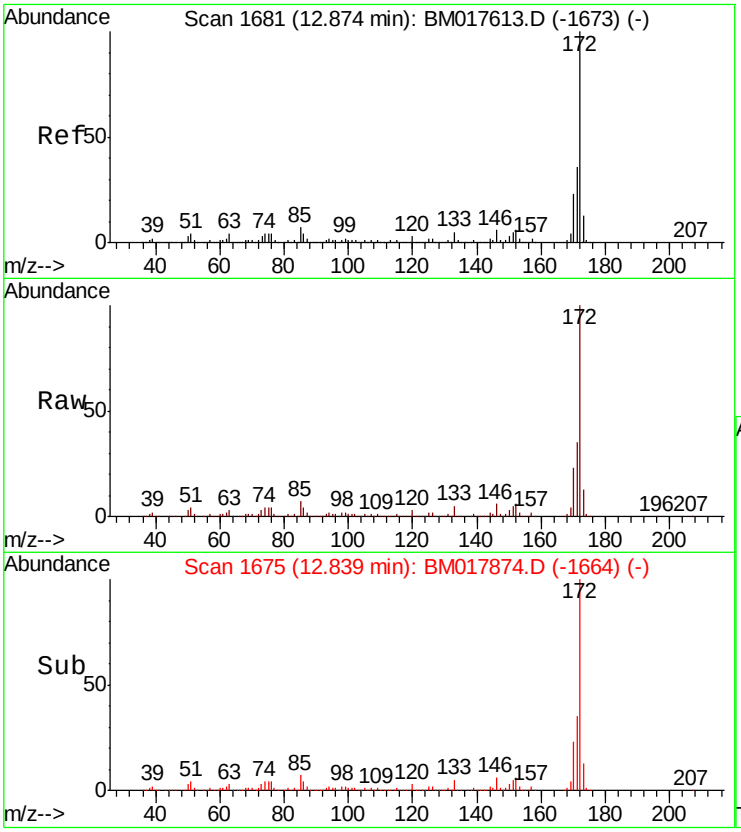




#44
2,4,5-Trichlorophenol
Concen: 49.325 ng
RT: 12.72 min Scan# 1655
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:196 Resp: 513192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 95.6 | 76.8 | 115.2 |
| 97 | 50.0 | 39.0 | 58.6 |
| 132 | 28.6 | 20.4 | 30.6 |



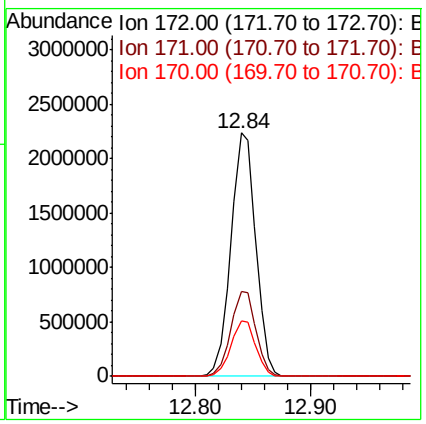


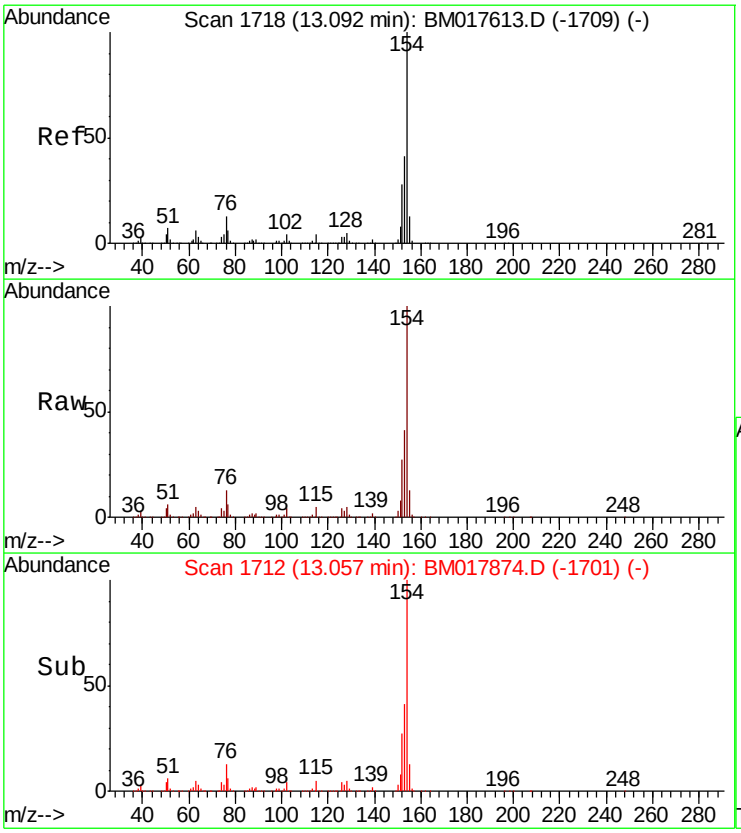

#45
2-Fluorobiphenyl
Concen: 96.587 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:172 Resp: 3321406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 28.7 | 43.1 |
| 170 | 22.8 | 18.3 | 27.5 |

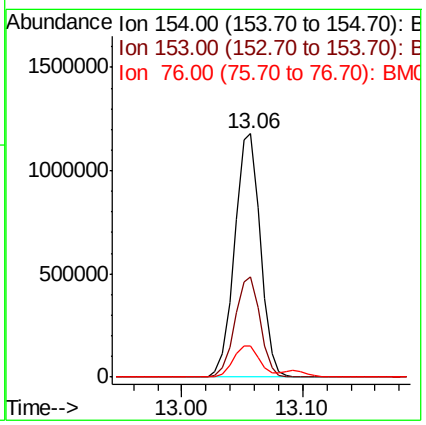


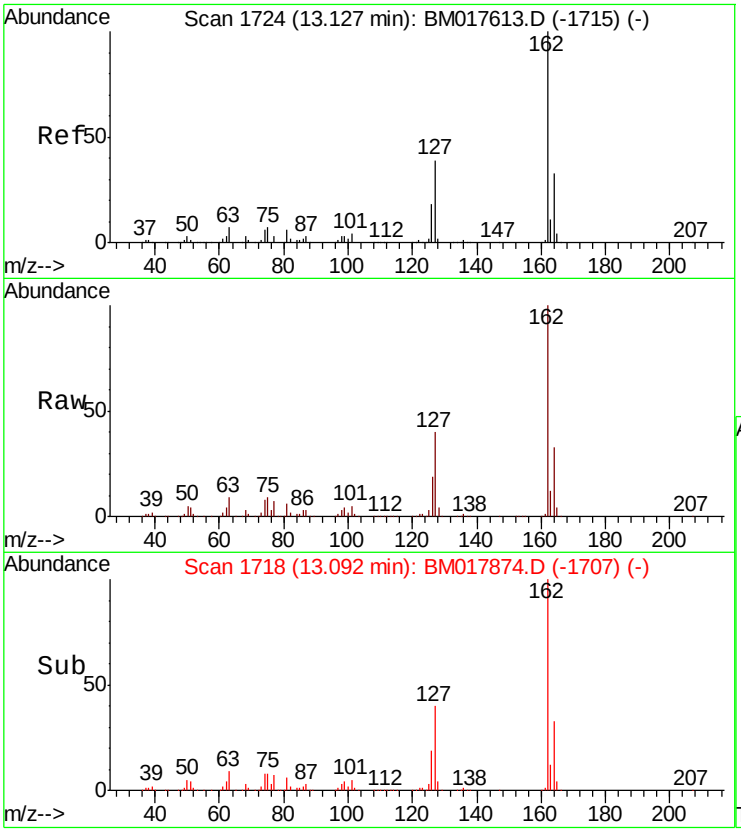




#46
1,1'-Biphenyl
Concen: 43.641 ng
RT: 13.06 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:154 Resp: 1747599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 41.0 | 20.8 | 60.8 |
| 76 | 12.6 | 0.0 | 32.8 |



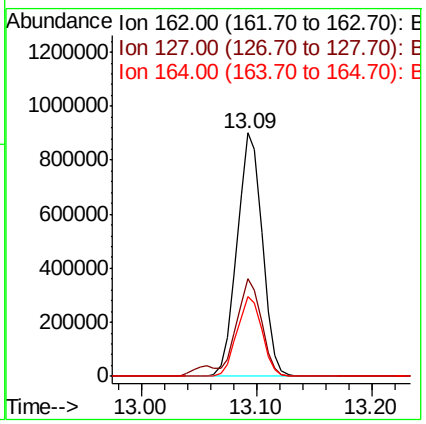


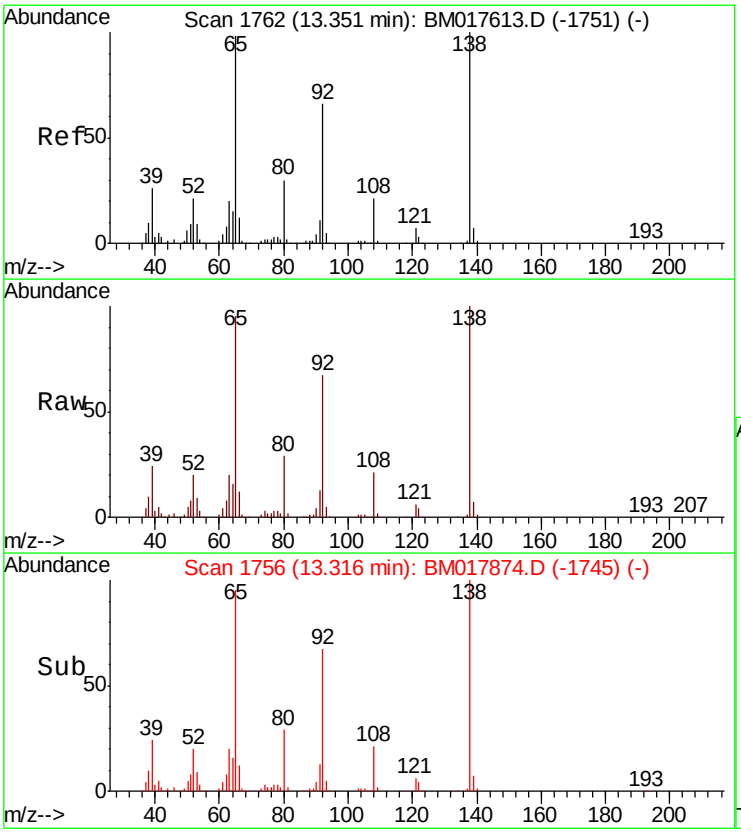

#47
2-Chloronaphthalene
Concen: 45.796 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:162 Resp: 1361184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.9 | 32.6 | 48.8 |
| 164 | 32.5 | 26.5 | 39.7 |

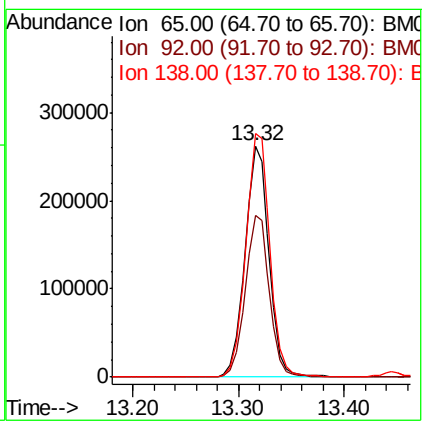


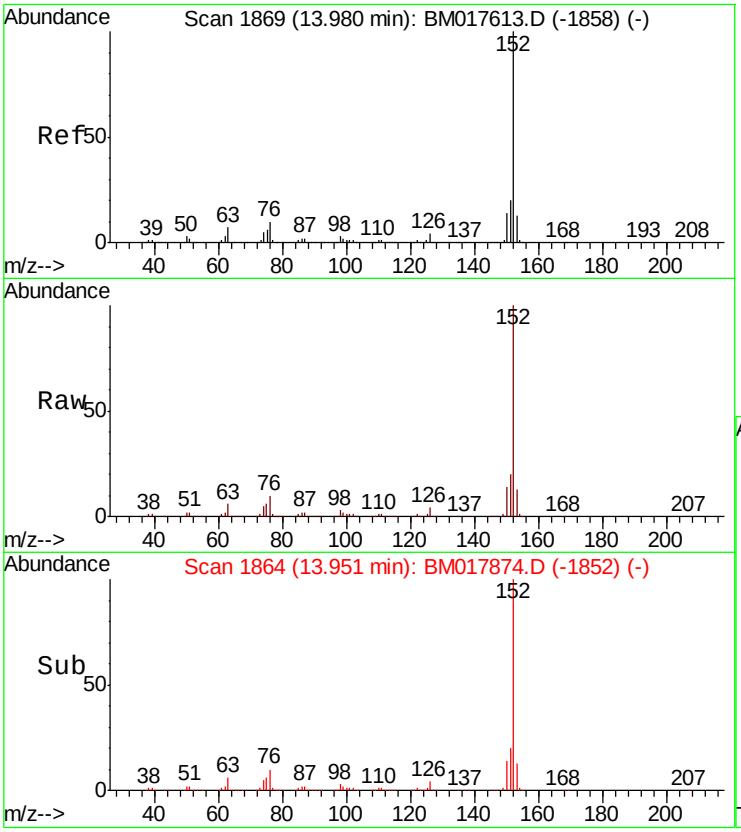




#48
2-Nitroaniline
Concen: 45.001 ng
RT: 13.32 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion: 65 Resp: 413653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 70.1 | 53.7 | 80.5 |
| 138 | 105.3 | 81.5 | 122.3 |



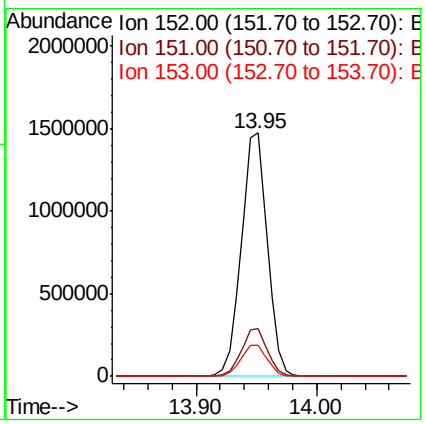


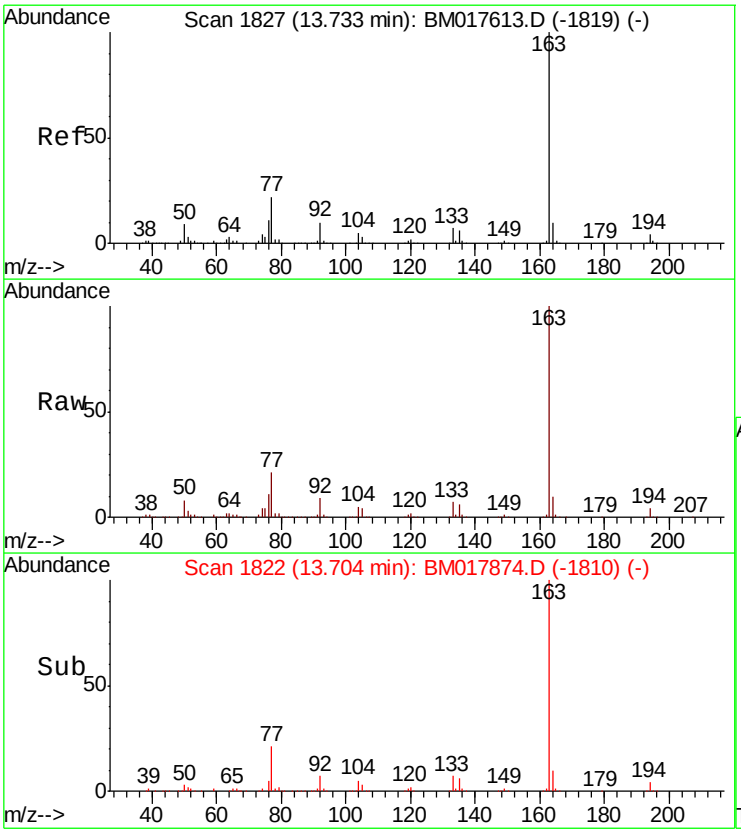

#49
Acenaphthylene
Concen: 49.808 ng
RT: 13.95 min Scan# 1864
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:152 Resp: 2224289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 15.9 | 23.9 |
| 153 | 12.8 | 10.5 | 15.7 |

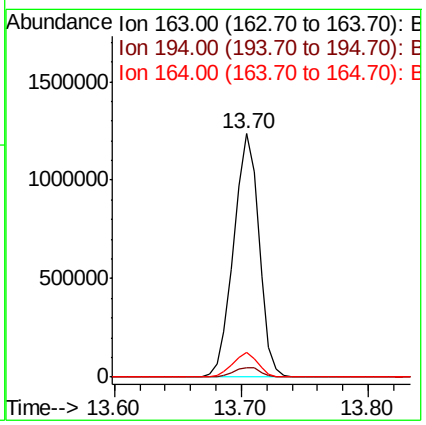


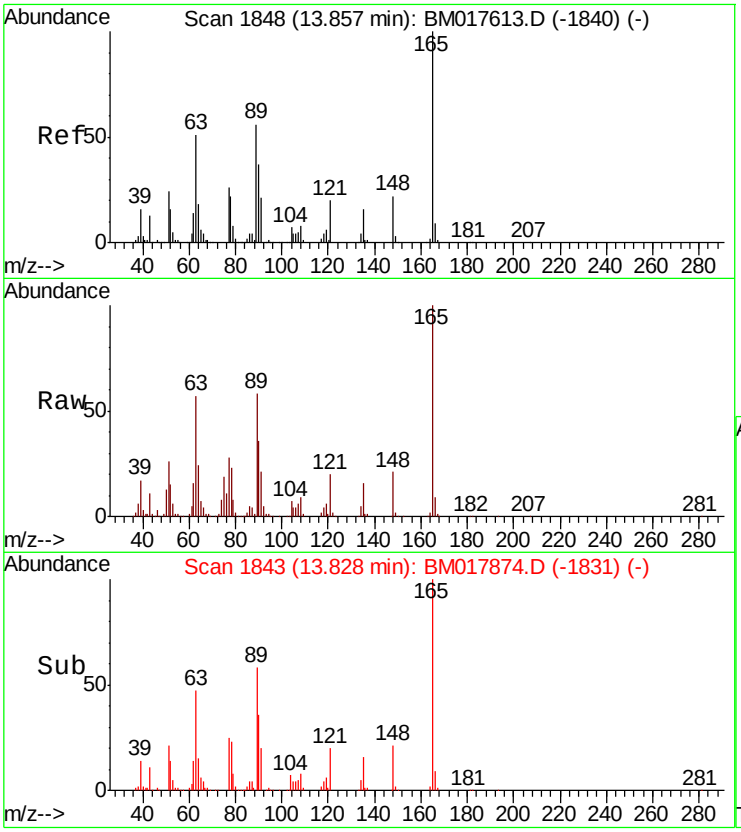




#50
Dimethylphthalate
Concen: 46.964 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:163 Resp: 1703452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.1 | 4.7 |
| 164 | 10.0 | 8.2 | 12.4 |



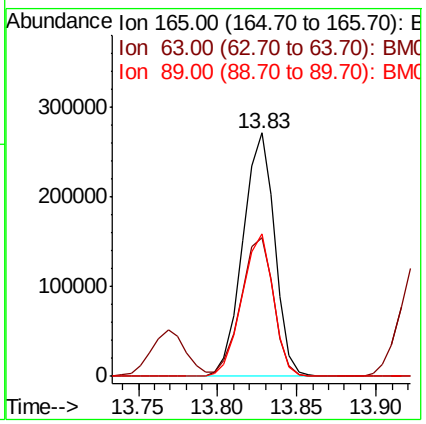


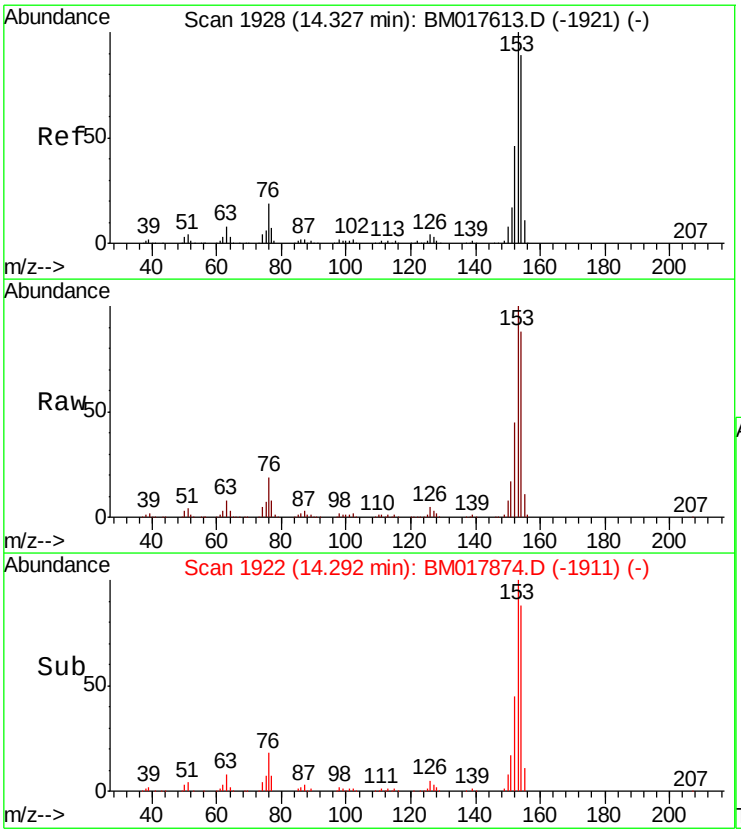

#51
2,6-Dinitrotoluene
Concen: 46.923 ng
RT: 13.83 min Scan# 1843
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:165 Resp: 378986

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 56.8 | 47.3 | 70.9 |
| 89 | 58.3 | 44.8 | 67.2 |

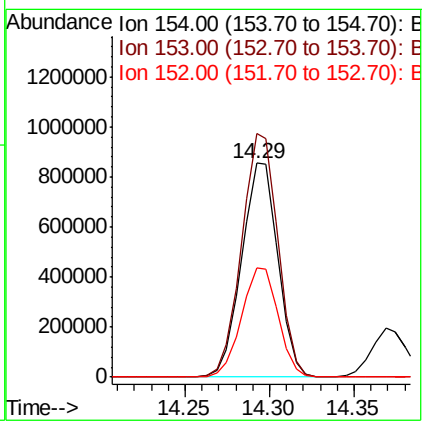


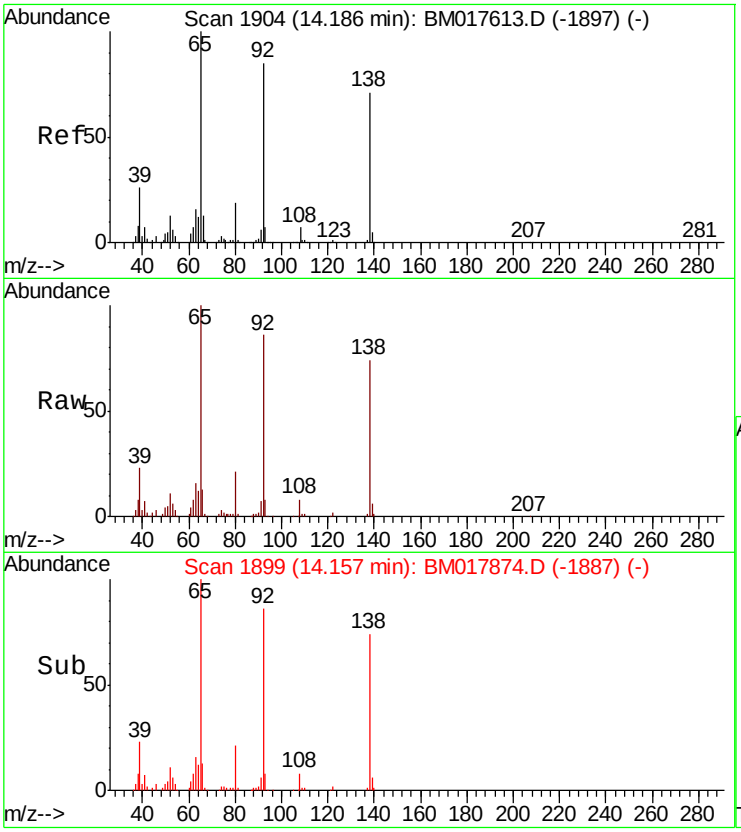




#52
Acenaphthene
Concen: 46.692 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:154 Resp: 1279657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.7 | 90.2 | 135.4 |
| 152 | 51.3 | 41.6 | 62.4 |



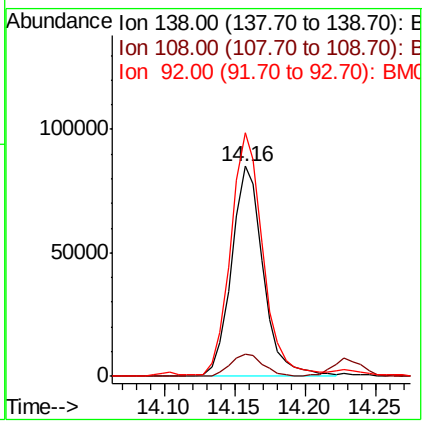


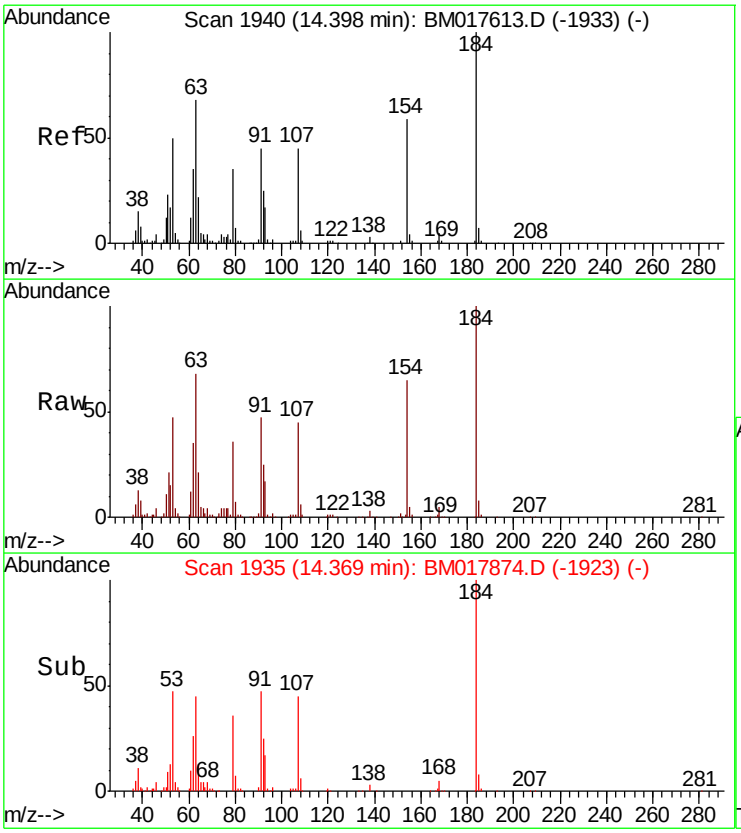

#53
3-Nitroaniline
Concen: 15.166 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:138 Resp: 133364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.5 | 8.2 | 12.2 |
| 92 | 116.0 | 95.4 | 143.2 |

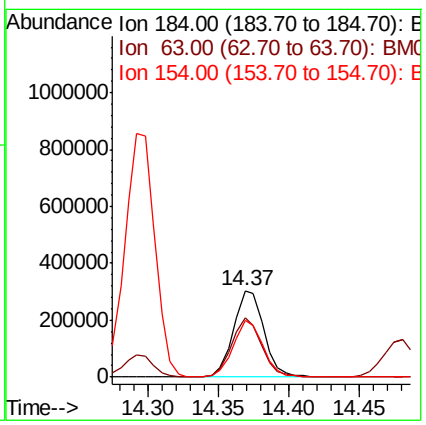


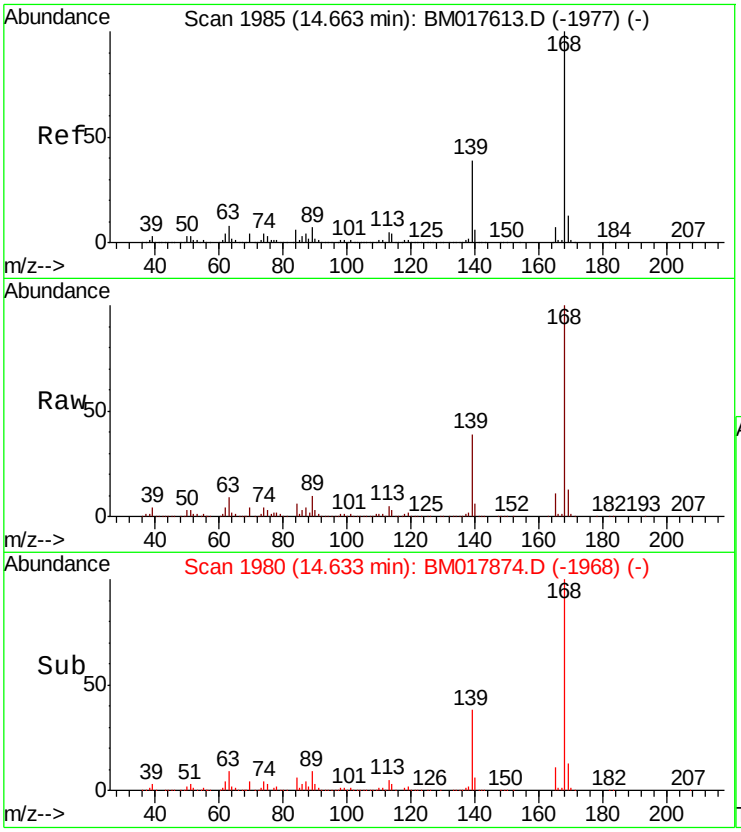




#54
2,4-Dinitrophenol
Concen: 91.777 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:184 Resp: 458229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 68.2 | 55.1 | 82.7 |
| 154 | 64.9 | 51.3 | 76.9 |



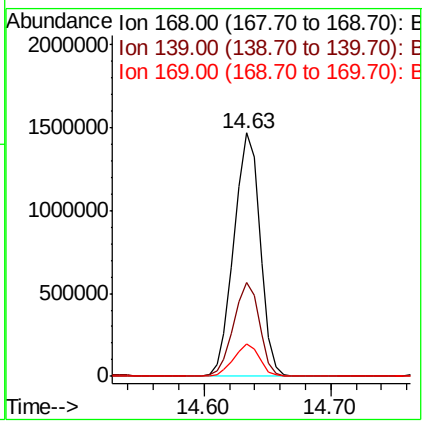


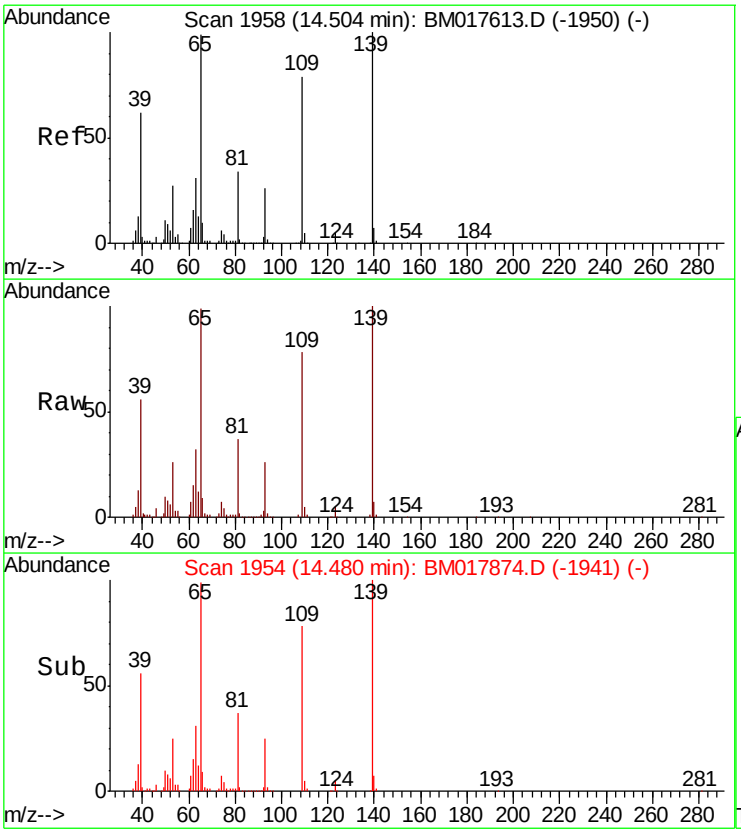

#55
Dibenzofuran
Concen: 46.589 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:168 Resp: 2086601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 38.6 | 31.0 | 46.6 |
| 169 | 13.4 | 10.6 | 16.0 |

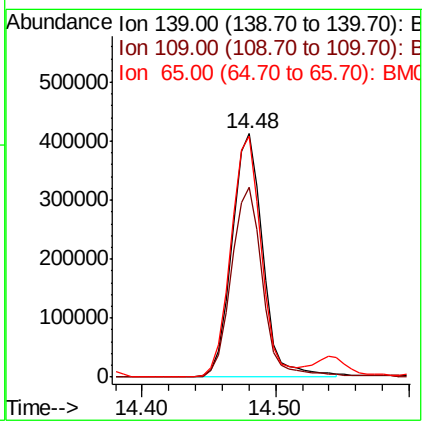


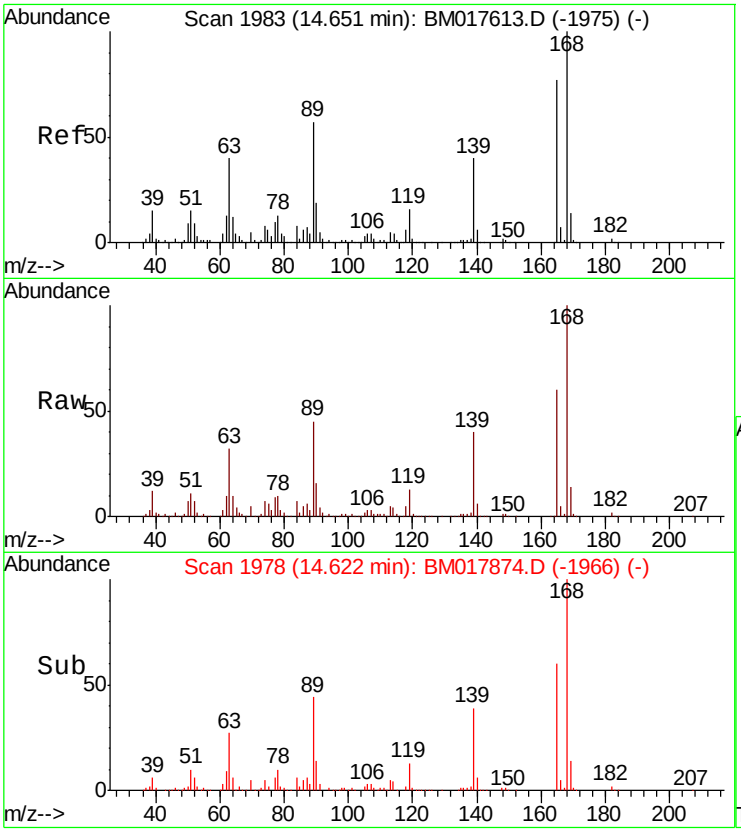




#56
4-Nitrophenol
Concen: 89.430 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:139 Resp: 665621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 78.2 | 58.6 | 98.6 |
| 65 | 99.2 | 79.5 | 119.5 |



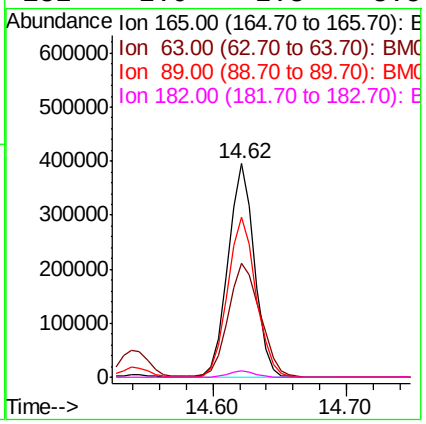


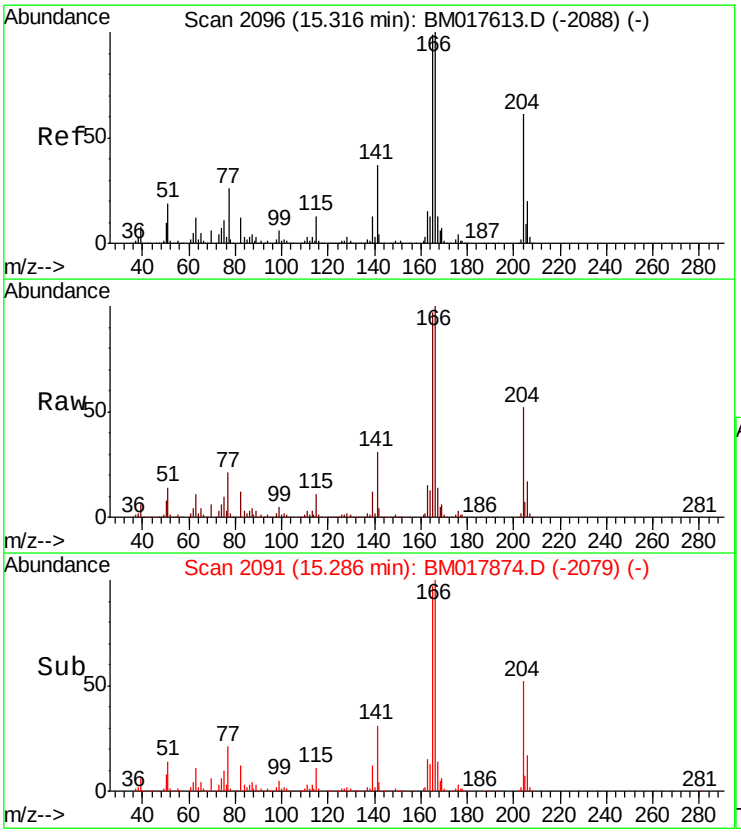

#57
2,4-Dinitrotoluene
Concen: 50.149 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :** BNA_M
**ClientSampleId :** PB115173BSD

Tgt Ion:165 Resp: 545985

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 53.1 | 41.8 | 62.8 |
| 89 | 75.1 | 59.5 | 89.3 |
| 182 | 2.9 | 2.3 | 3.5 |

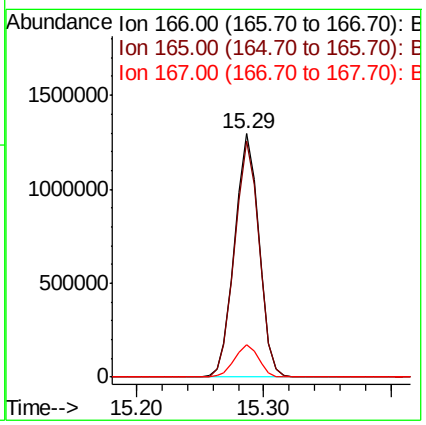


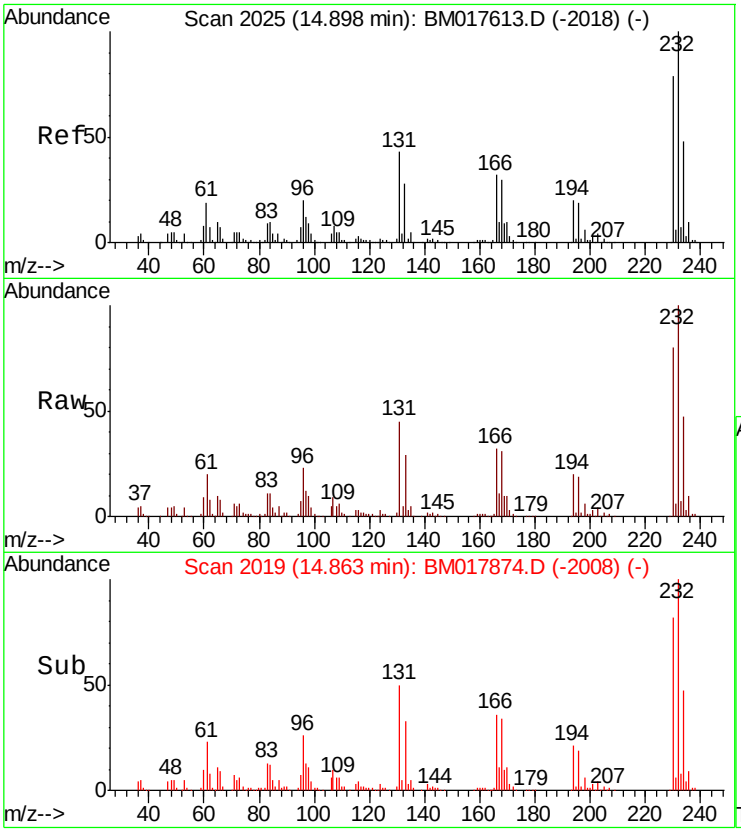




#58
Fluorene
Concen: 50.034 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:166 Resp: 1715548

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.9 | 79.0 | 118.6 |
| 167 | 13.5 | 10.8 | 16.2 |



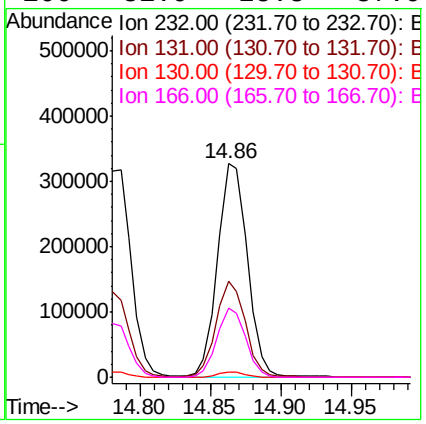


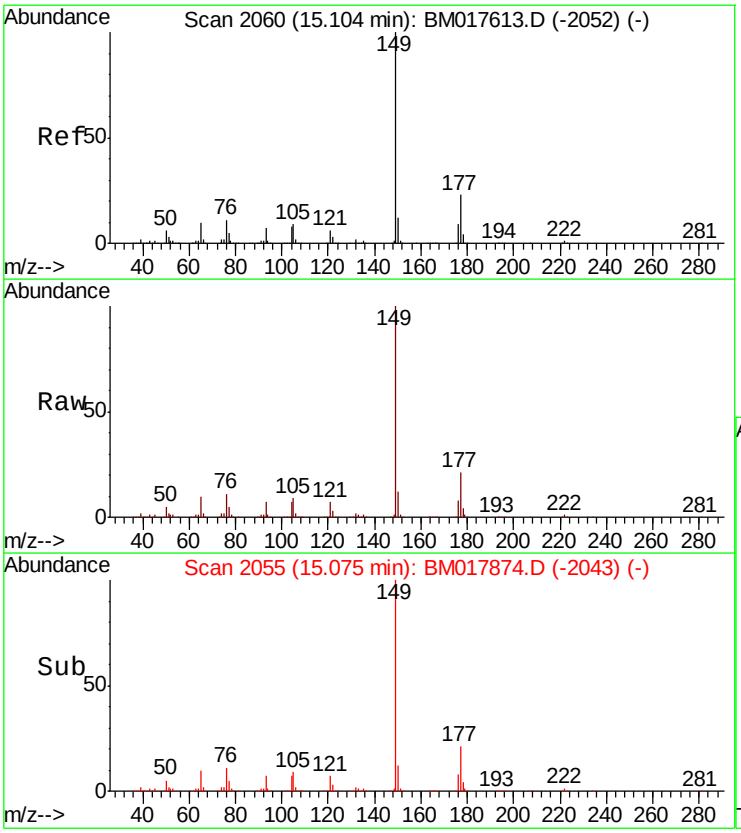

#59
2,3,4,6-Tetrachlorophenol
Concen: 49.834 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:232 Resp: 476887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 44.6 | 34.8 | 52.2 |
| 130 | 2.4 | 1.9 | 2.9 |
| 166 | 31.9 | 25.3 | 37.9 |

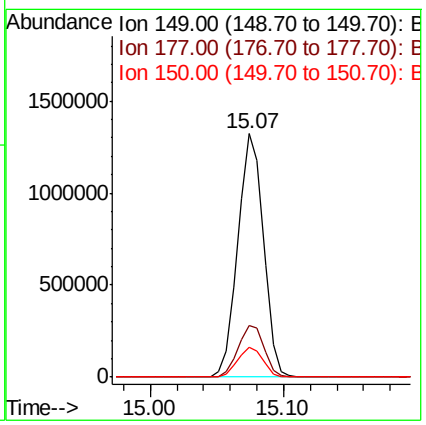


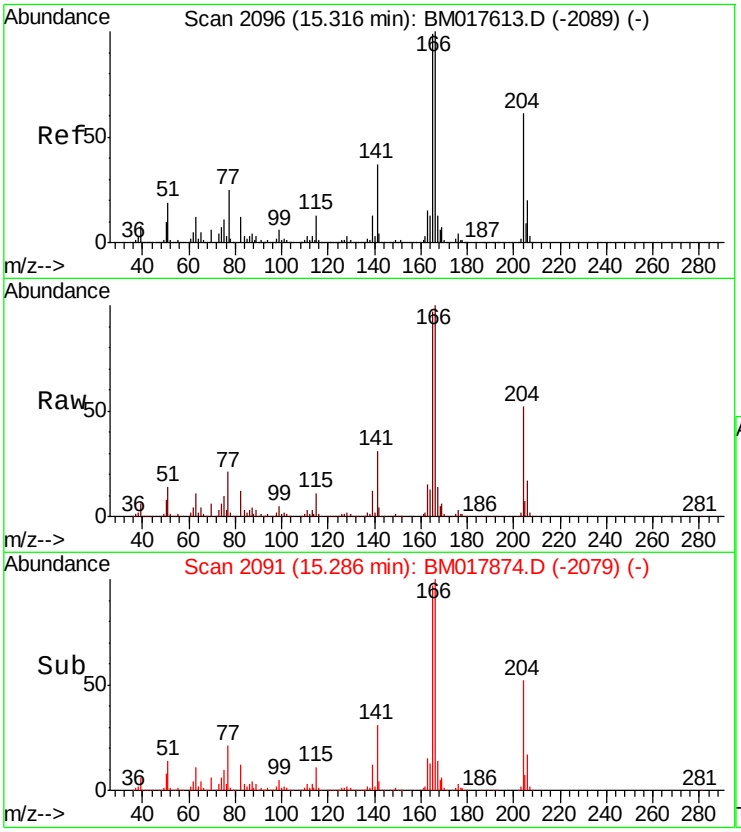




#60
Diethylphthalate
Concen: 44.647 ng
RT: 15.07 min Scan# 2055
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:149 Resp: 1749742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.3 | 18.1 | 27.1 |
| 150 | 12.1 | 9.9 | 14.9 |



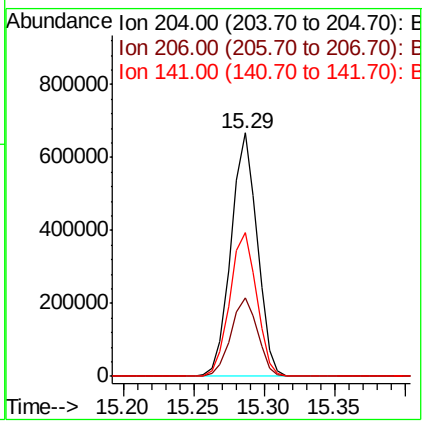


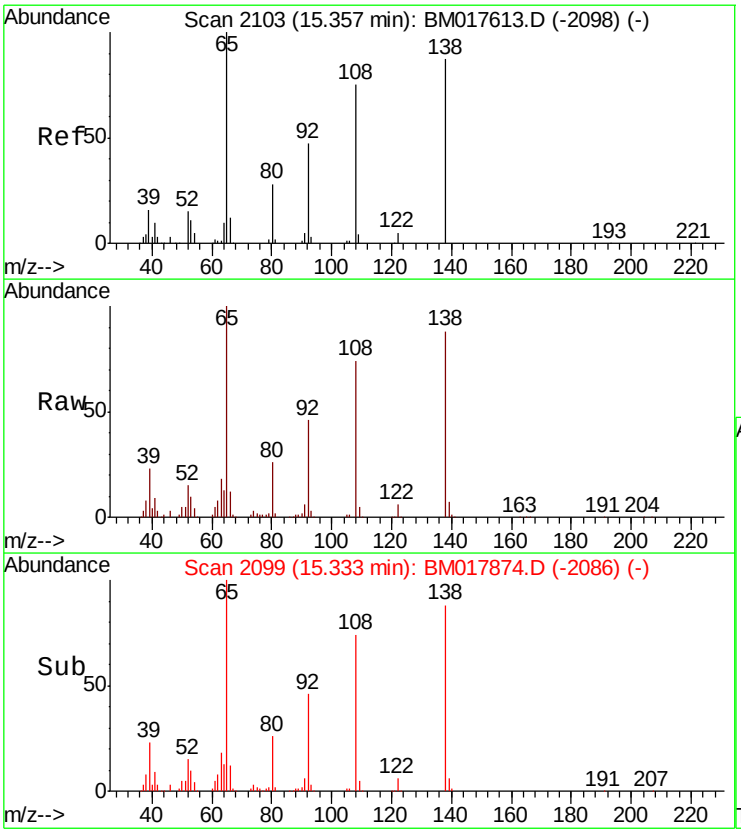

#61
4-Chlorophenyl-phenylether
Concen: 44.375 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:204 Resp: 864433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.4 | 25.9 | 38.9 |
| 141 | 59.3 | 47.9 | 71.9 |

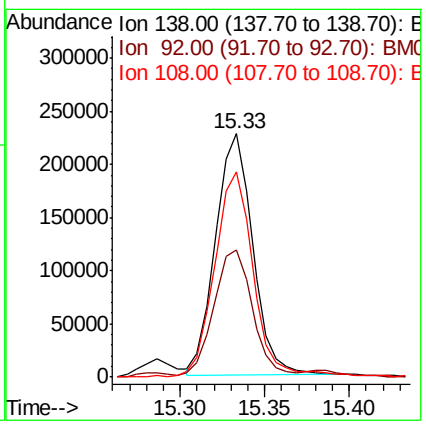


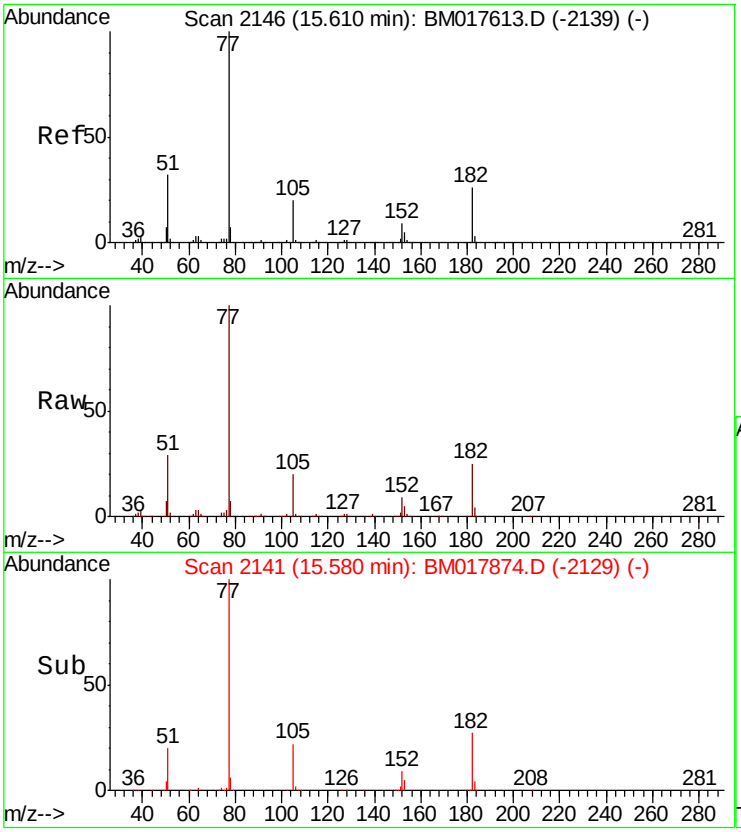




#62
4-Nitroaniline
Concen: 42.081 ng
RT: 15.33 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:138 Resp: 348742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 52.1 | 33.4 | 73.4 |
| 108 | 84.4 | 64.3 | 104.3 |



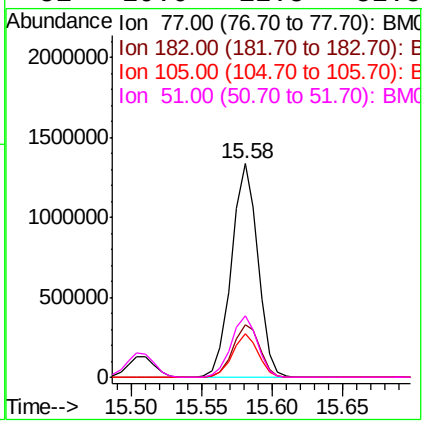


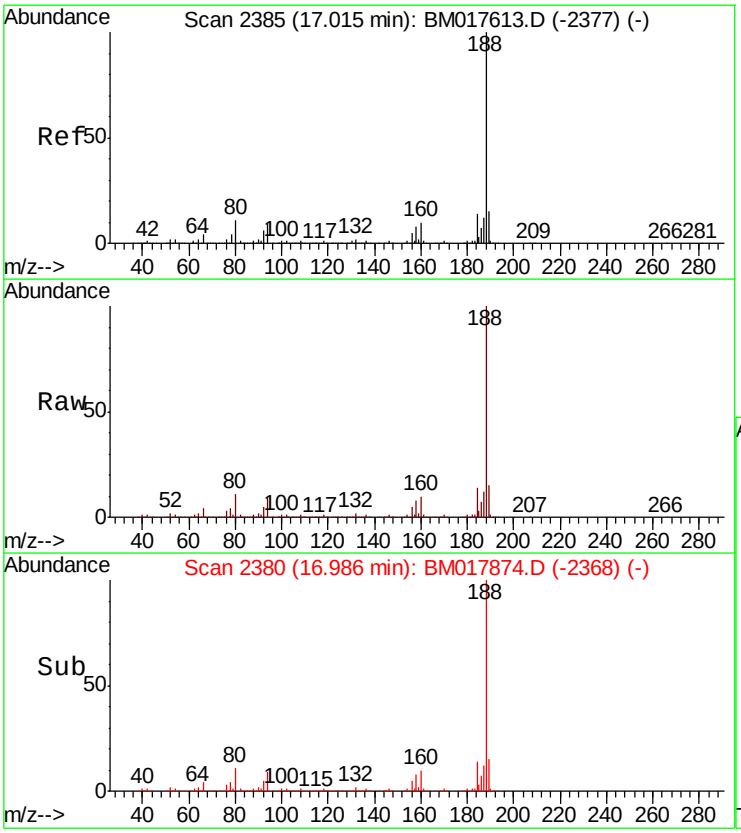

#63
Azobenzene
Concen: 47.518 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion: 77 Resp: 1721543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 24.7 | 5.8 | 45.8 |
| 105 | 20.2 | 0.0 | 40.0 |
| 51 | 29.0 | 12.5 | 52.5 |

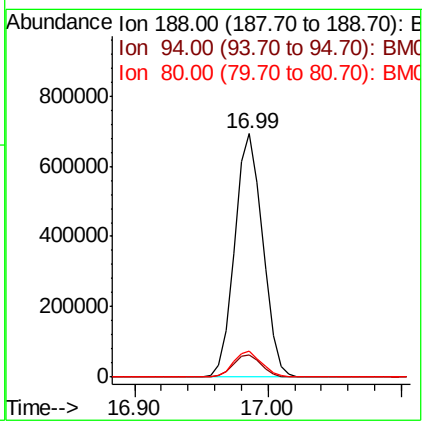


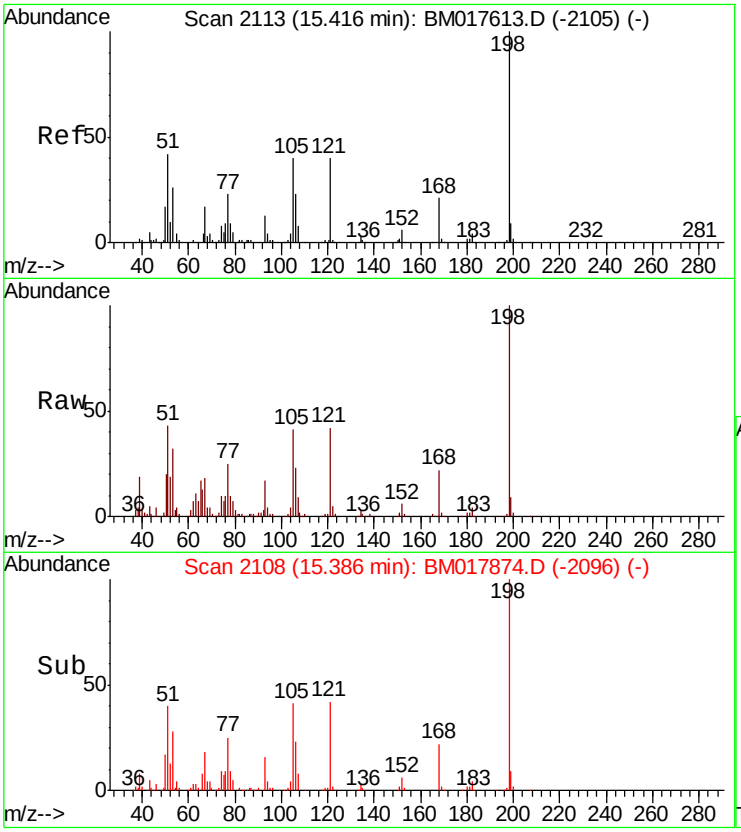




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:188 Resp: 1005602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 7.5 | 11.3 |
| 80 | 10.6 | 8.6 | 13.0 |



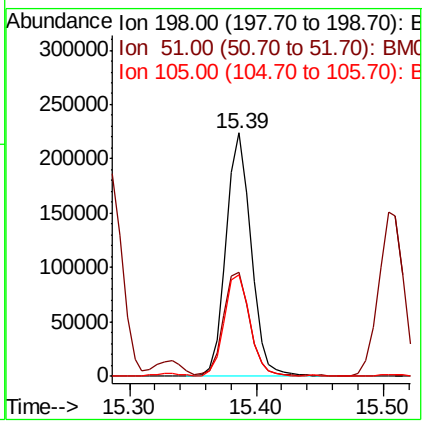


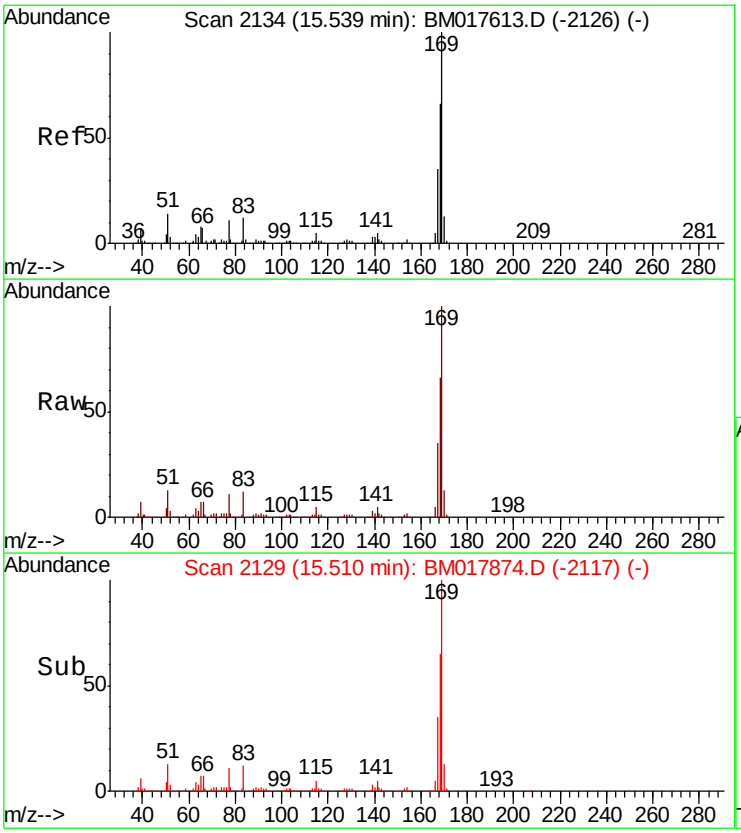

#65
4,6-Dinitro-2-methylphenol
Concen: 44.030 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:198 Resp: 306730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.9 | 25.9 | 65.9 |
| 105 | 41.5 | 20.6 | 60.6 |

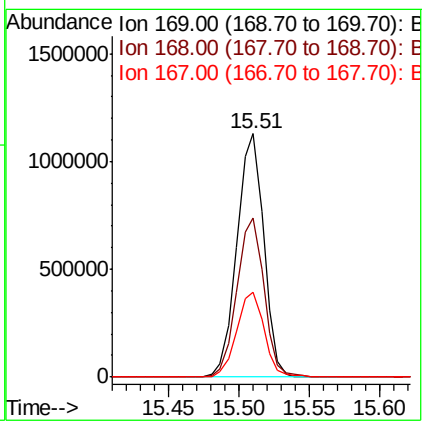


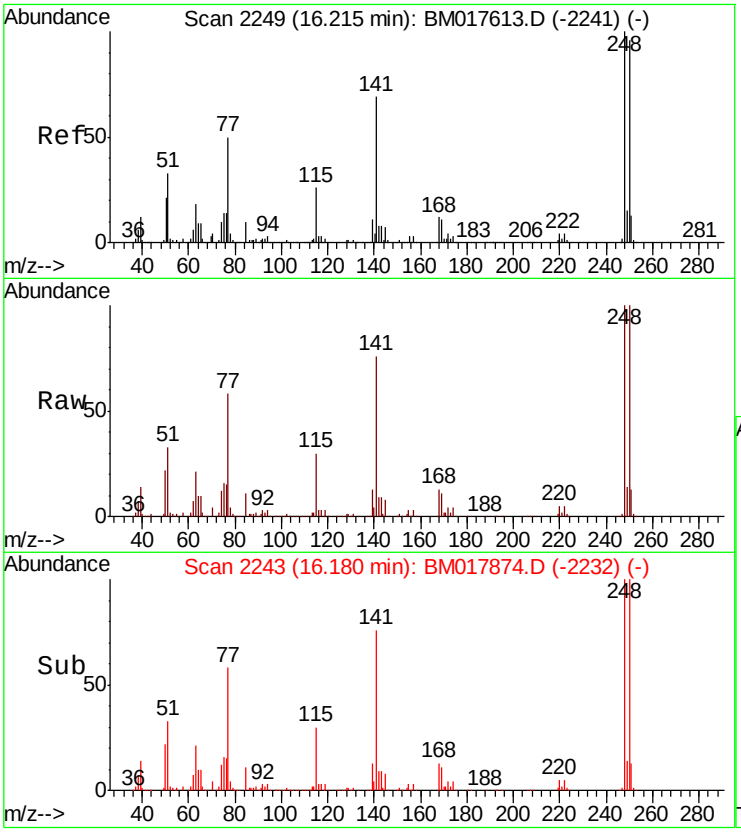




#66
n-Nitrosodiphenylamine
Concen: 46.317 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:169 Resp: 1497492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 65.6 | 53.0 | 79.6 |
| 167 | 34.9 | 28.0 | 42.0 |



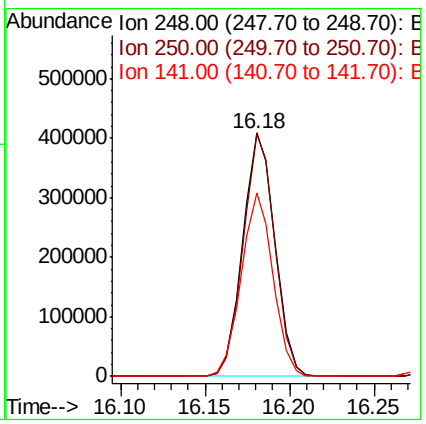


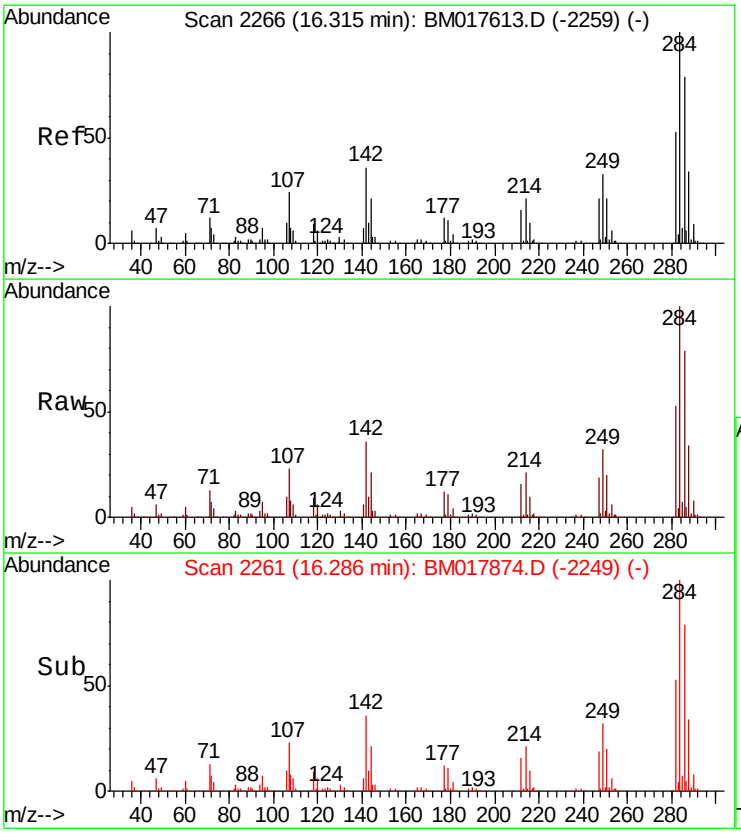

#67
4-Bromophenyl-phenylether
Concen: 45.442 ng
RT: 16.18 min Scan# 2243
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:248 Resp: 540450

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 99.5 | 76.5 | 114.7 |
| 141 | 75.6 | 54.9 | 82.3 |

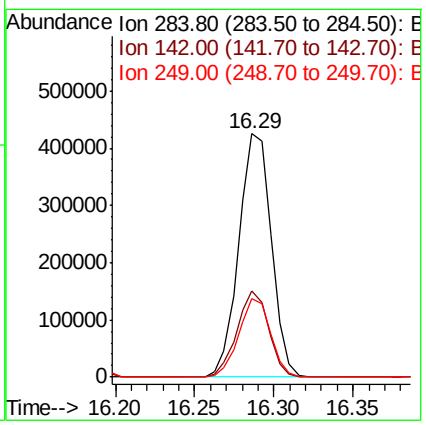


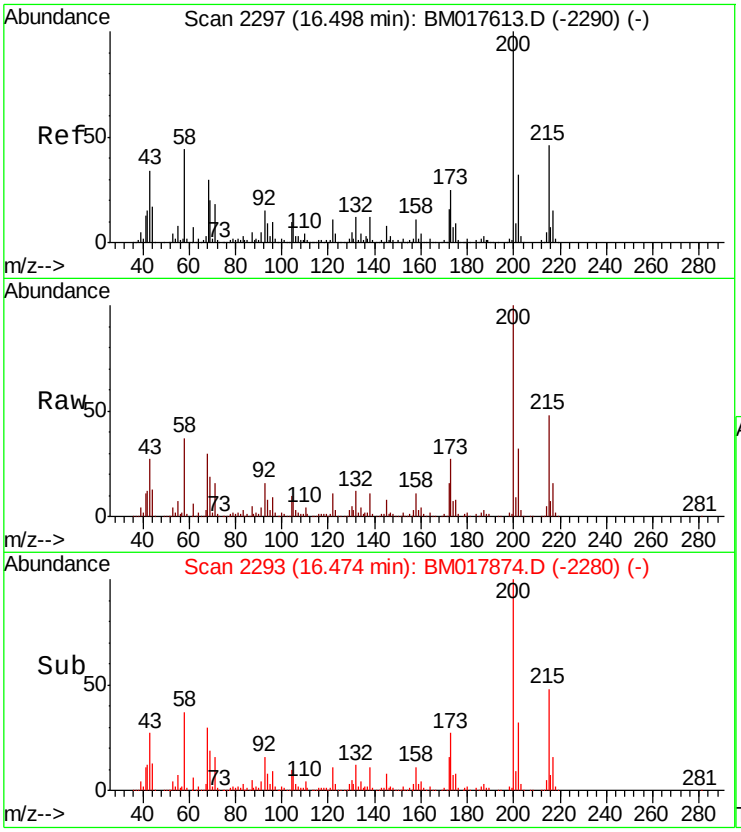




#68
Hexachlorobenzene
Concen: 45.176 ng
RT: 16.29 min Scan# 2261
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:284 Resp: 605695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.5 | 28.4 | 42.6 |
| 249 | 32.3 | 26.4 | 39.6 |



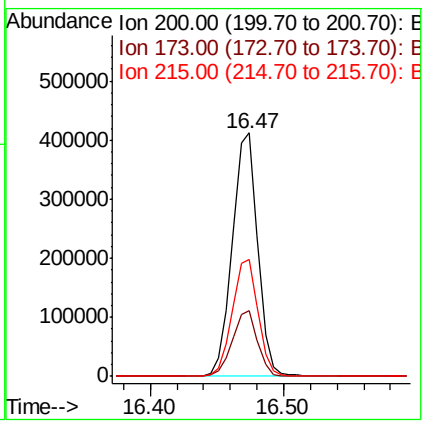


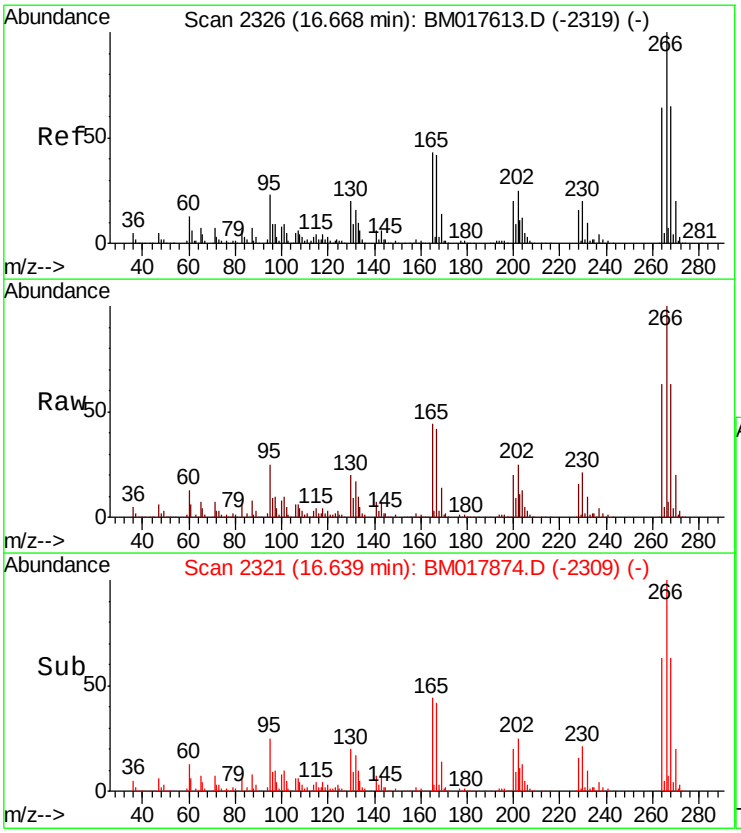

#69
Atrazine
Concen: 46.023 ng
RT: 16.47 min Scan# 2293
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:200 Resp: 547278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.9 | 5.1 | 45.1 |
| 215 | 47.8 | 25.8 | 65.8 |

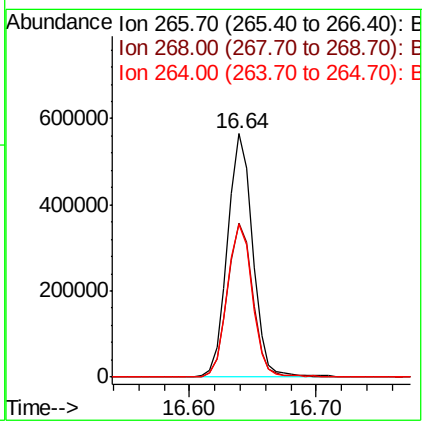


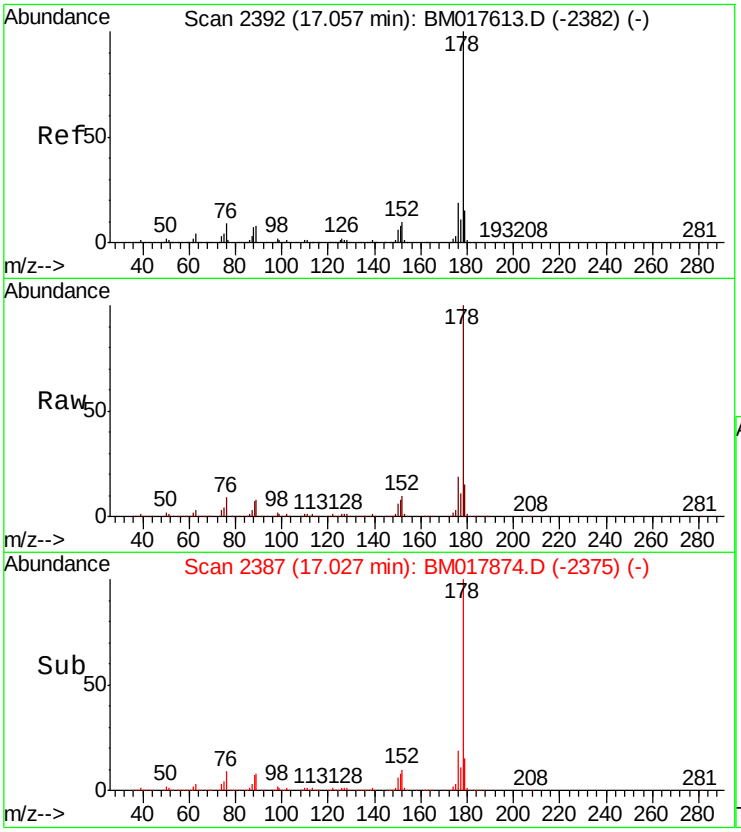




#70
Pentachlorophenol
Concen: 82.447 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:266 Resp: 774529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 63.2 | 51.7 | 77.5 |
| 264 | 63.0 | 51.3 | 76.9 |



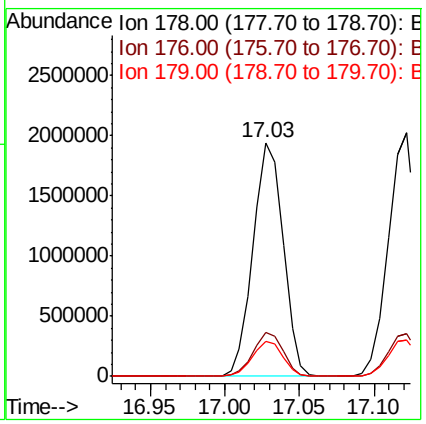


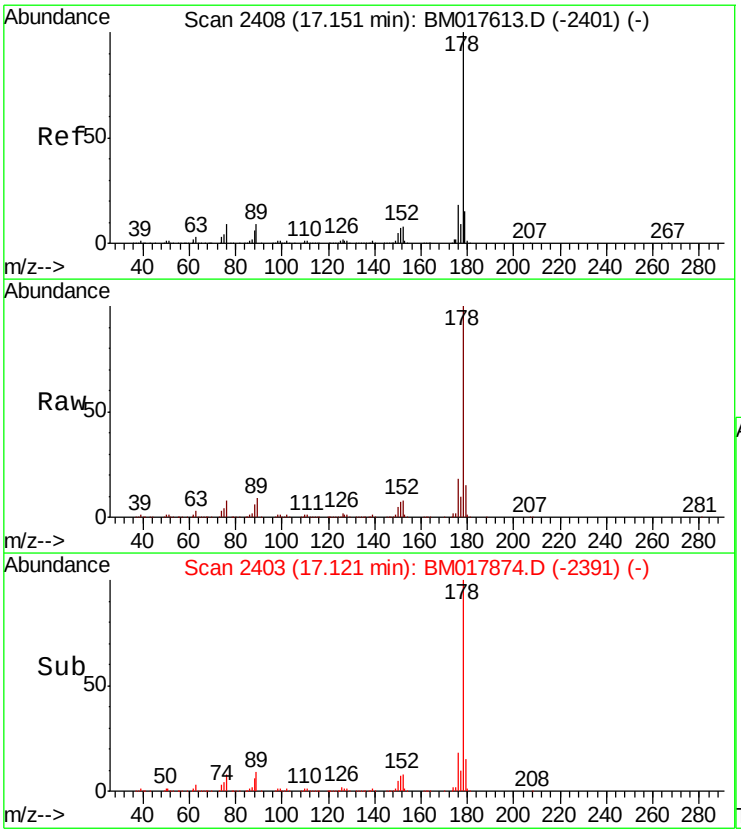

#71
Phenanthrene
Concen: 49.694 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:178 Resp: 2711604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 15.2 | 12.4 | 18.6 |

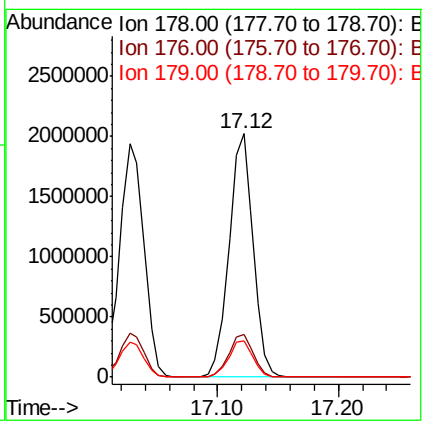


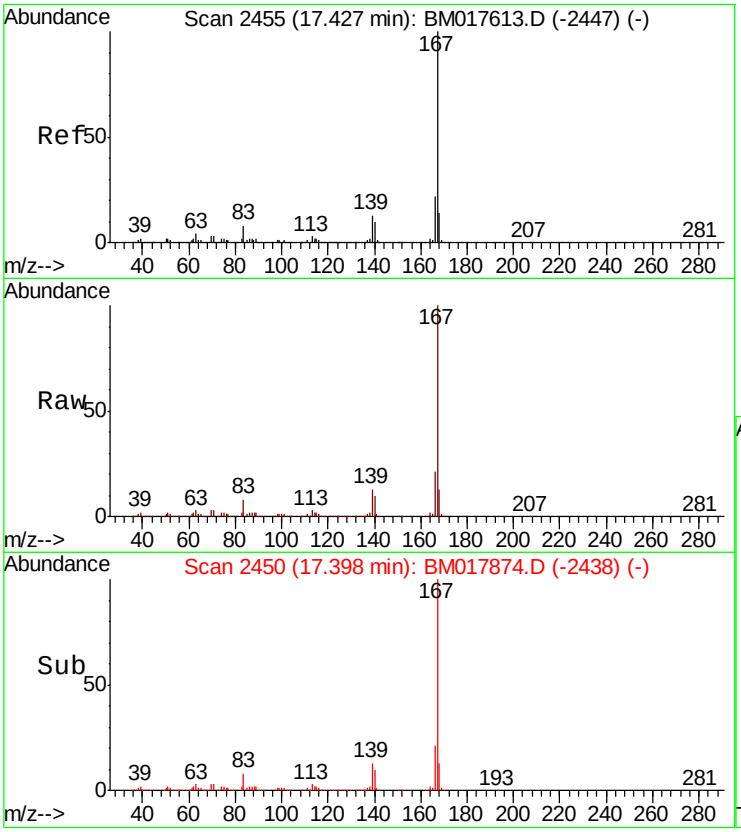




#72
Anthracene
Concen: 52.656 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:178 Resp: 2795894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.8 | 14.5 | 21.7 |
| 179 | 15.1 | 12.3 | 18.5 |



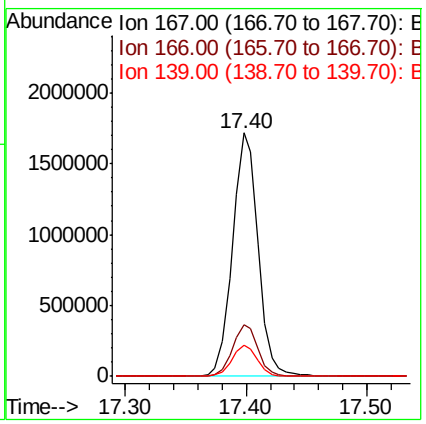


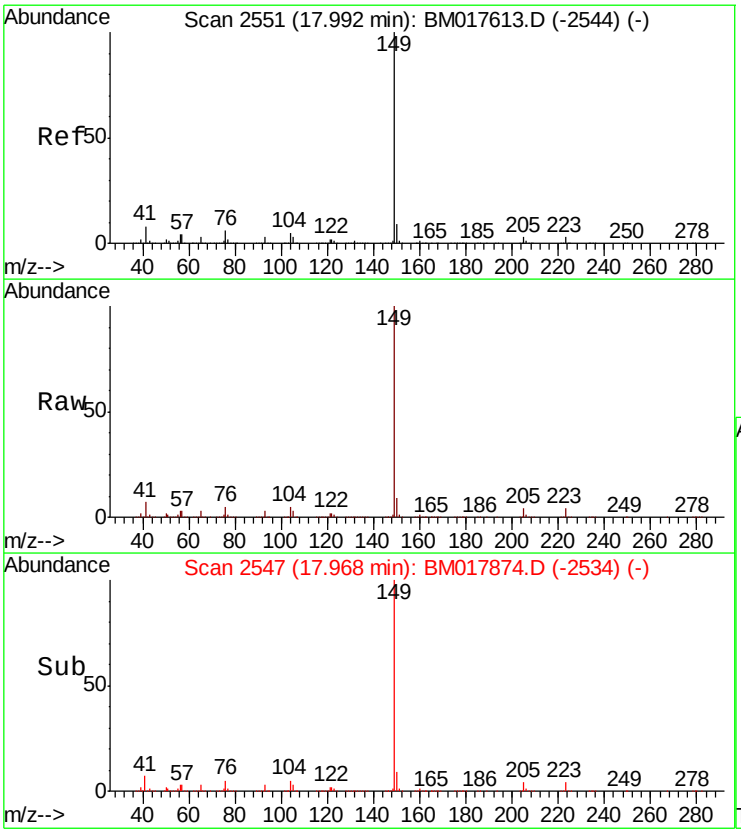

#73
Carbazole
Concen: 47.062 ng
RT: 17.40 min Scan# 2450
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:167 Resp: 2525107

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.0 | 17.2 | 25.8 |
| 139 | 12.8 | 10.2 | 15.4 |

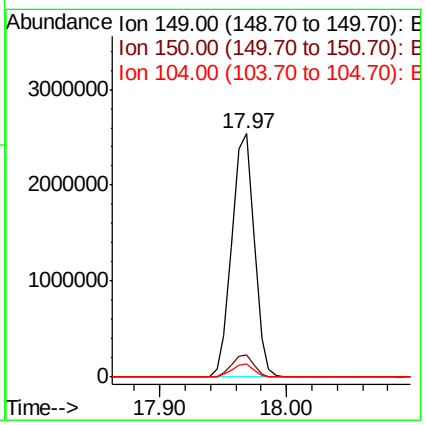


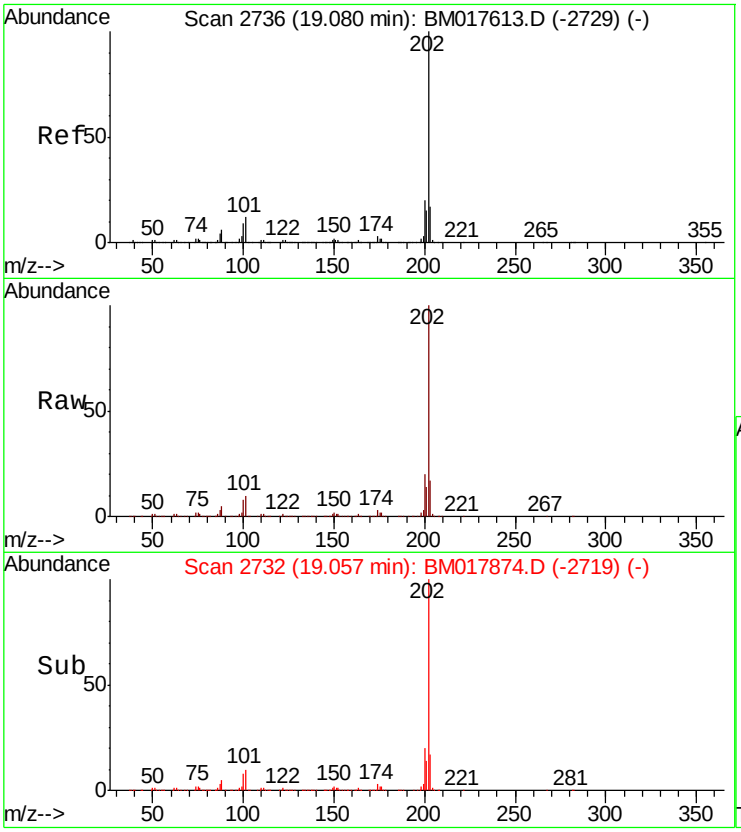




#74
Di-n-butylphthalate
Concen: 51.642 ng
RT: 17.97 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:149 Resp: 3084496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 8.9 | 7.4 | 11.2 |
| 104 | 5.2 | 4.3 | 6.5 |



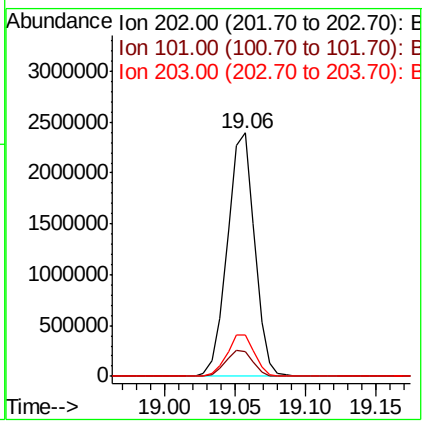


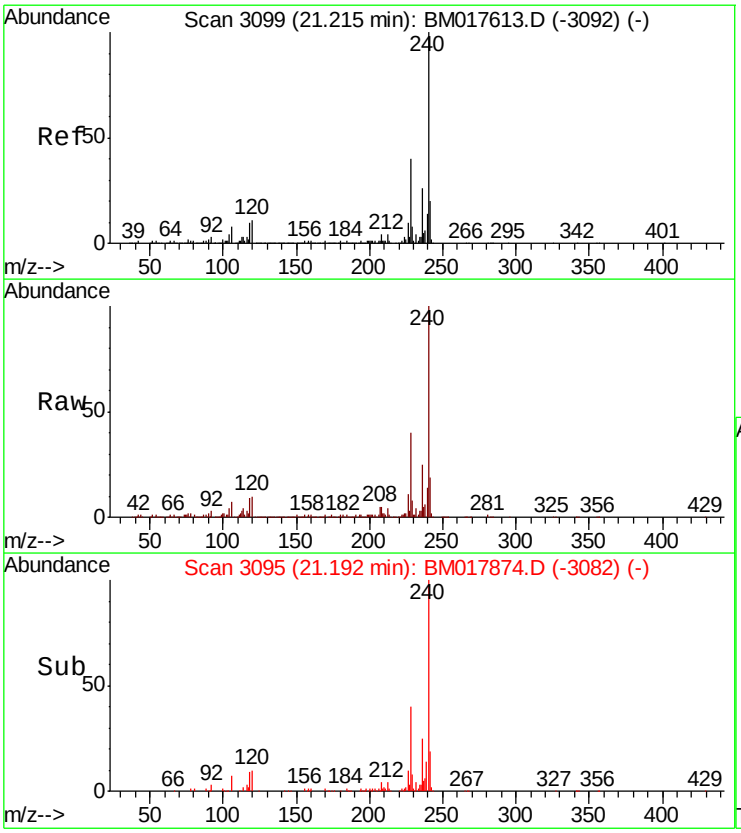

#75
Fluoranthene
Concen: 51.984 ng
RT: 19.06 min Scan# 2732
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:202 Resp: 3209452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.3 | 0.0 | 31.5 |
| 203 | 17.1 | 0.0 | 37.2 |

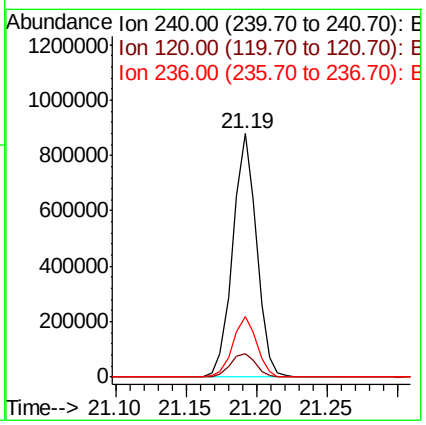


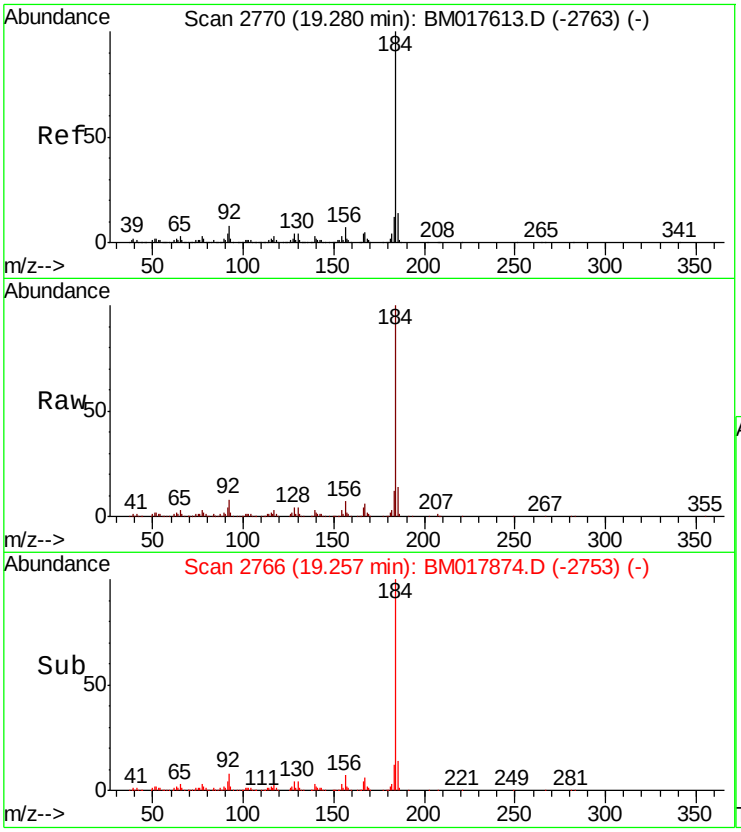




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:240 Resp: 1032874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.9 | 8.5 | 12.7 |
| 236 | 24.7 | 20.4 | 30.6 |



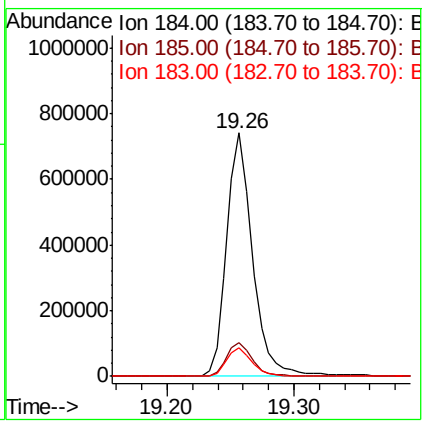


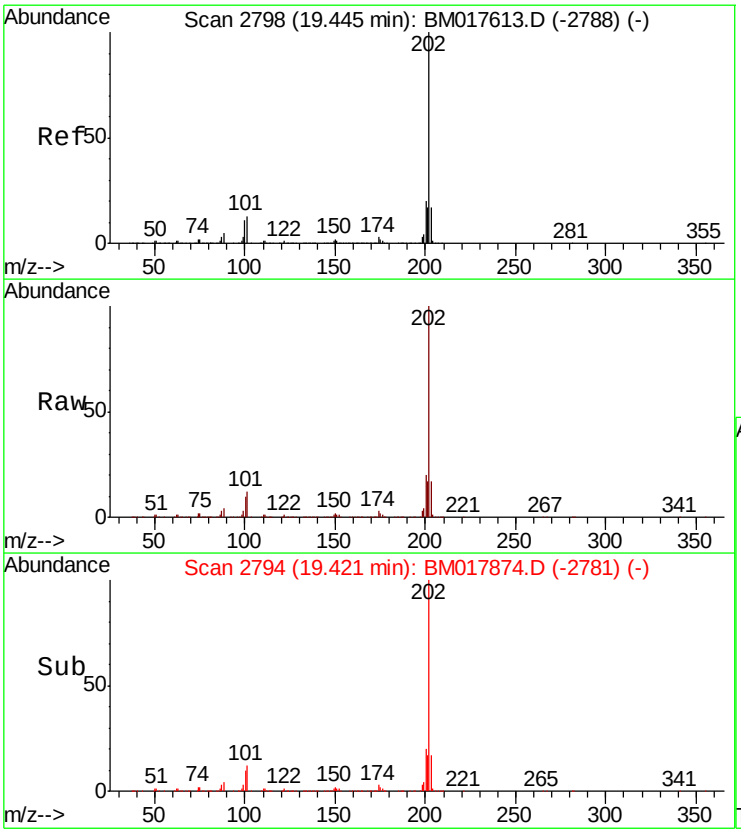

#77
Benzidine
Concen:  31.135 ng
RT: 19.26 min  Scan# 2766
Delta R.T.  -0.02 min
Lab File:  BM017874.D
Acq: 02 Dec 2018  02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:184 Resp: 1047204

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.1 | 11.2 | 16.8 |
| 183 | 11.7 | 9.5 | 14.3 |

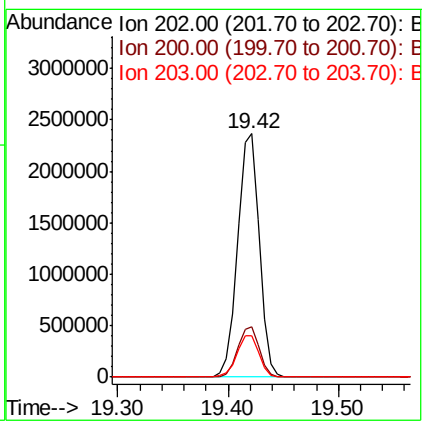


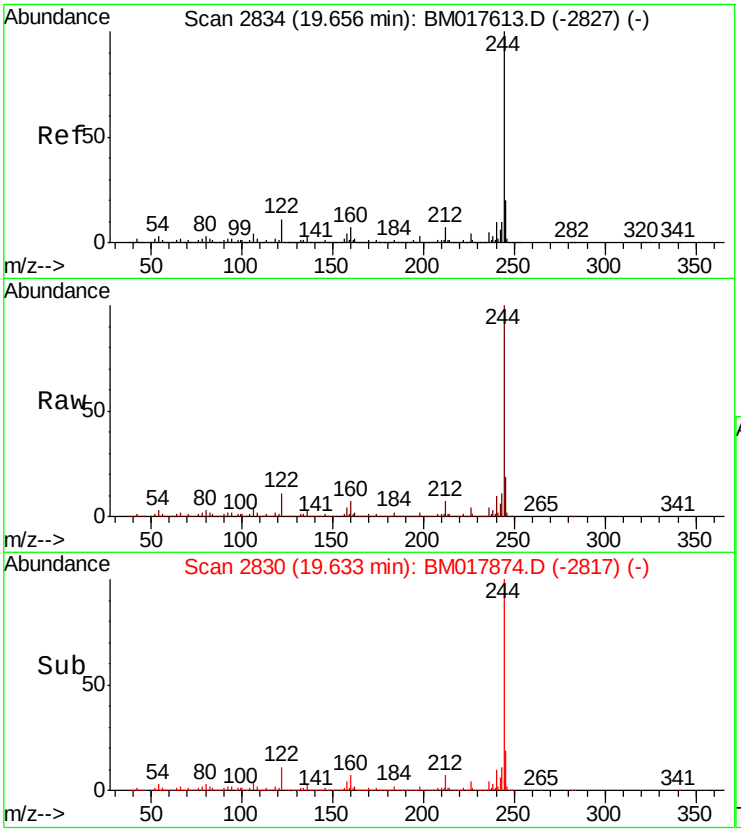




#78
Pyrene
Concen:  51.342 ng
RT: 19.42 min  Scan# 2794
Delta R.T.  -0.02 min
Lab File:  BM017874.D
Acq: 02 Dec 2018  02:21

Tgt Ion:202 Resp: 3272027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.5 | 16.4 | 24.6 |
| 203 | 17.3 | 13.8 | 20.8 |



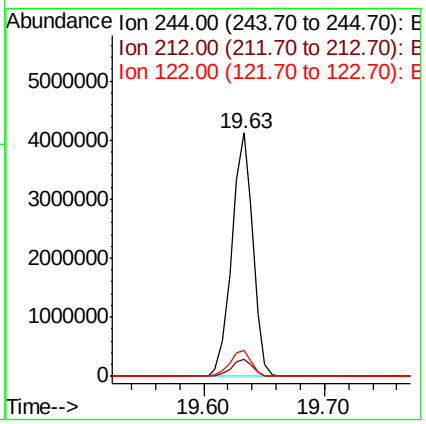


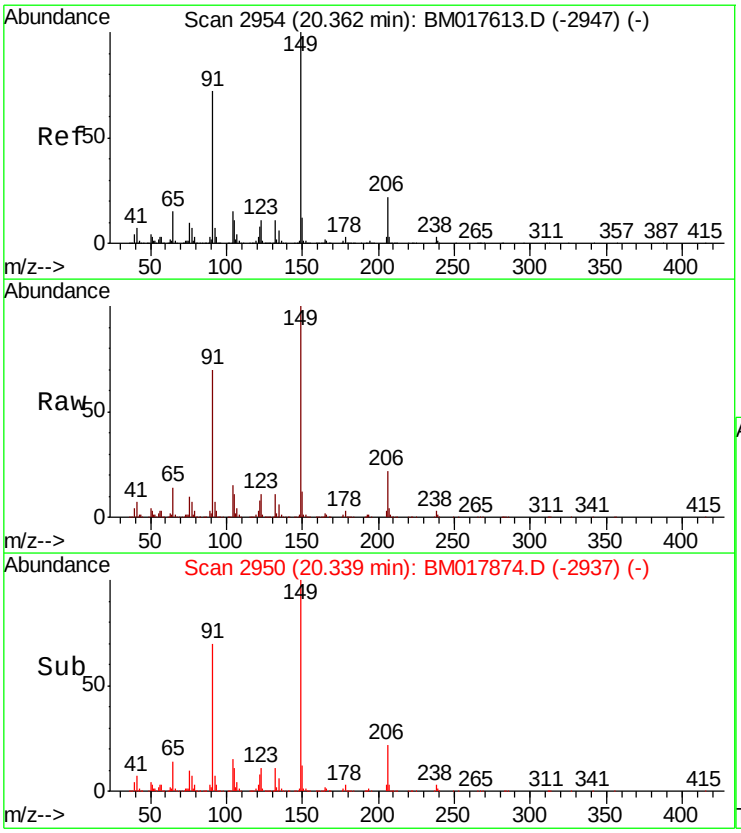

#79
Terphenyl-d14
Concen: 109.509 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:244 Resp: 4990656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.8 | 8.6 |
| 122 | 10.7 | 9.0 | 13.6 |

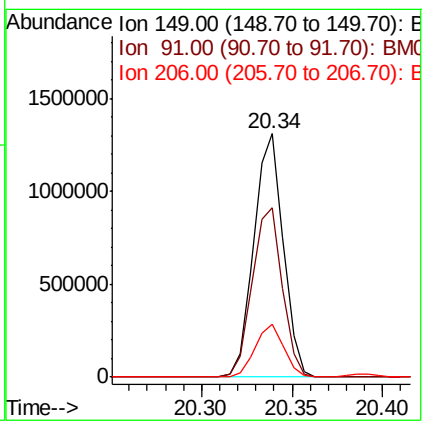


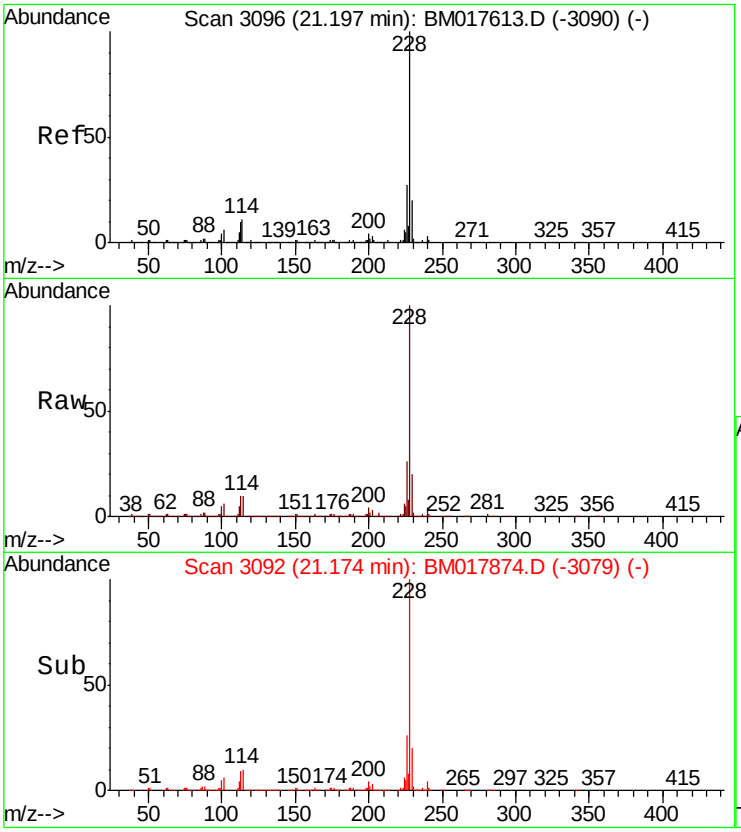




#80
Butylbenzylphthalate
Concen: 56.995 ng
RT: 20.34 min Scan# 2950
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:149 Resp: 1475271

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 69.5 | 57.6 | 86.4 |
| 206 | 21.7 | 17.4 | 26.0 |



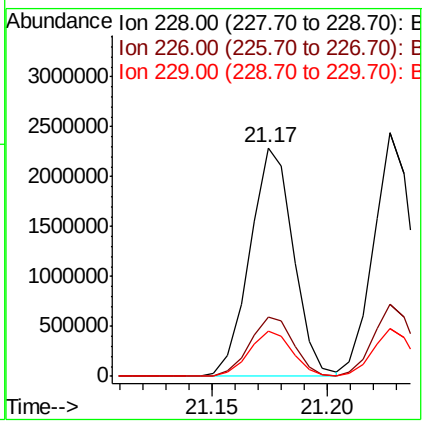


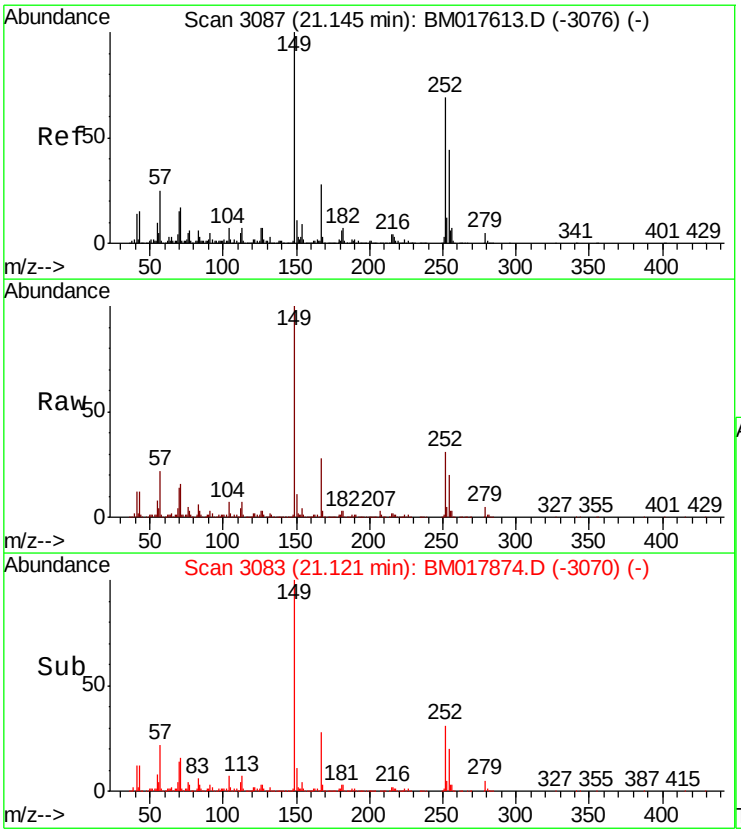

#81
Benzo(a)anthracene
Concen: 50.636 ng
RT: 21.17 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:228 Resp: 3013131

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.2 | 21.3 | 31.9 |
| 229 | 19.8 | 16.0 | 24.0 |

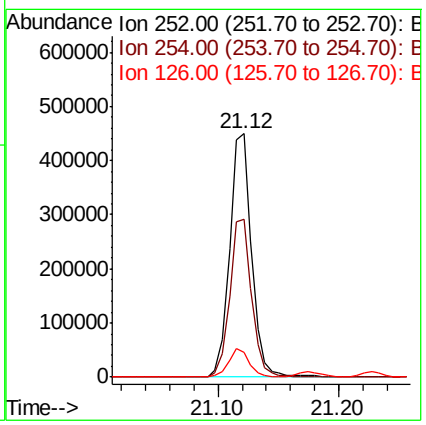


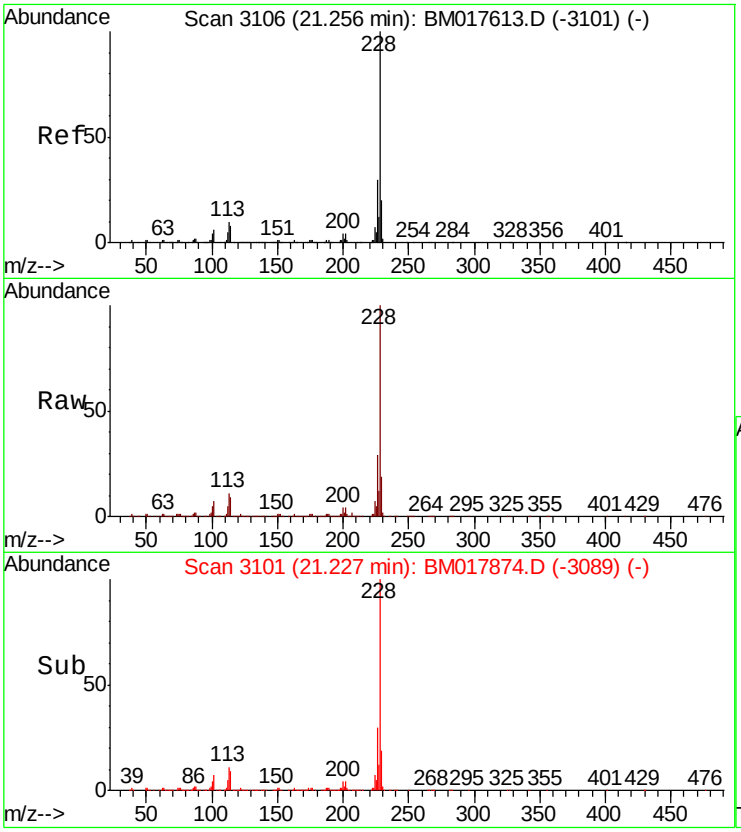




#82
3,3'-Dichlorobenzidine
Concen: 24.802 ng
RT: 21.12 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:252 Resp: 569610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.7 | 51.4 | 77.2 |
| 126 | 10.3 | 8.0 | 12.0 |



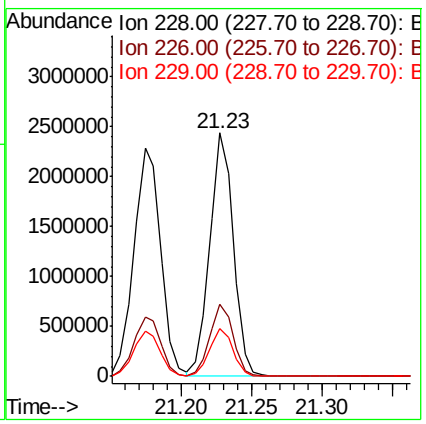


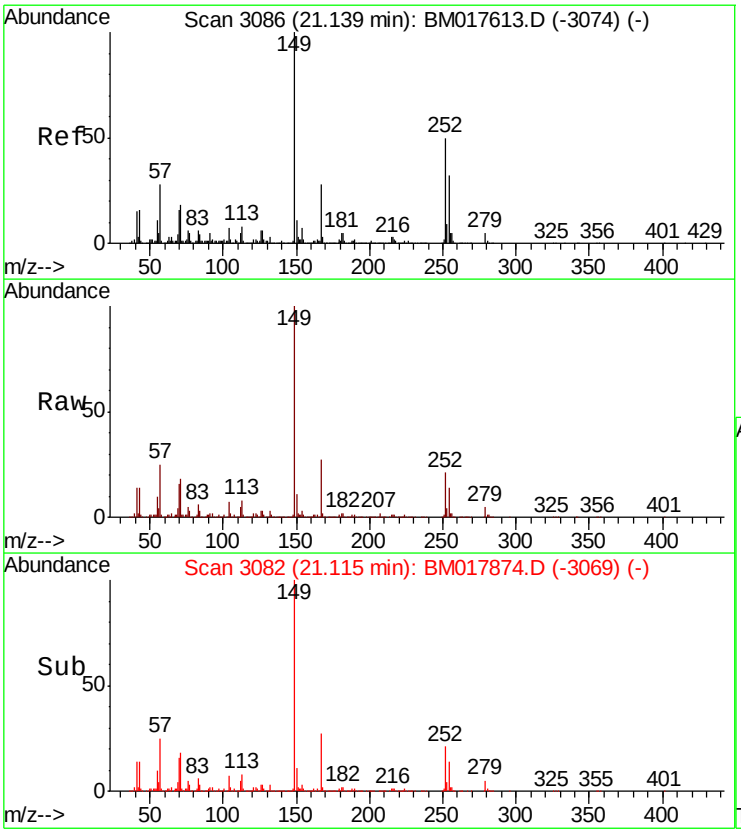

#83
Chrysene
Concen: 48.749 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:228 Resp: 2817476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.4 | 23.6 | 35.4 |
| 229 | 19.5 | 15.8 | 23.6 |

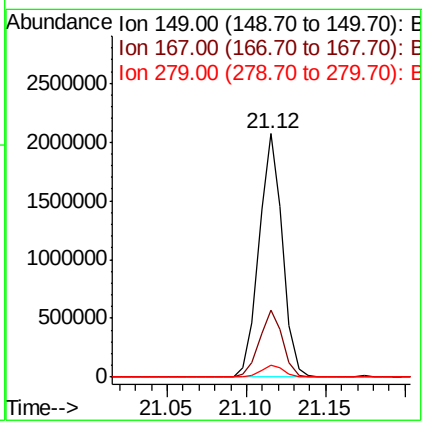


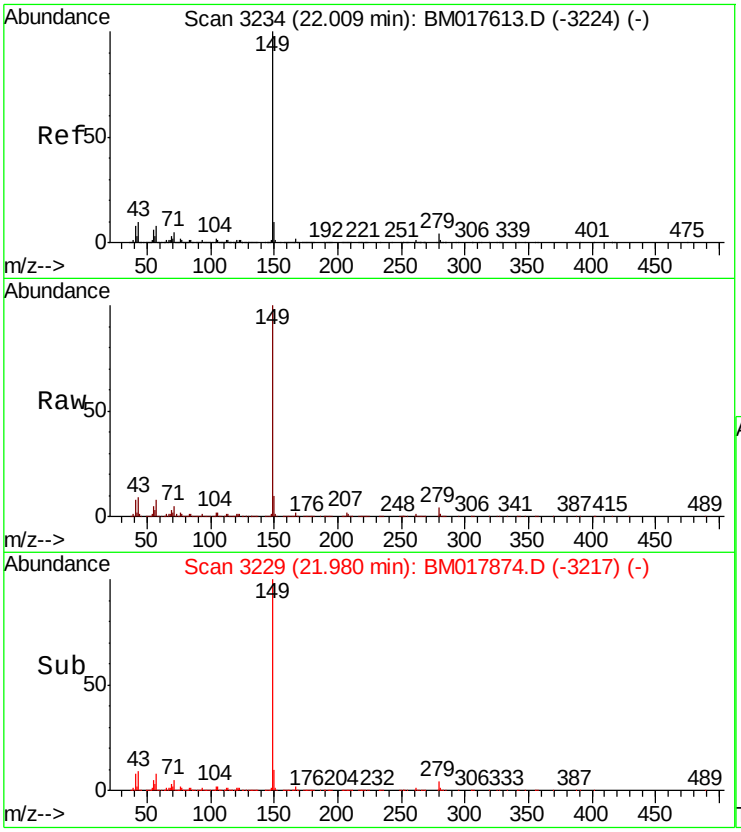




#84
Bis(2-ethylhexyl)phthalate
Concen: 55.495 ng
RT: 21.12 min Scan# 3082
Delta R.T. -0.02 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:149 Resp: 2123530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 22.2 | 33.4 |
| 279 | 4.7 | 3.7 | 5.5 |



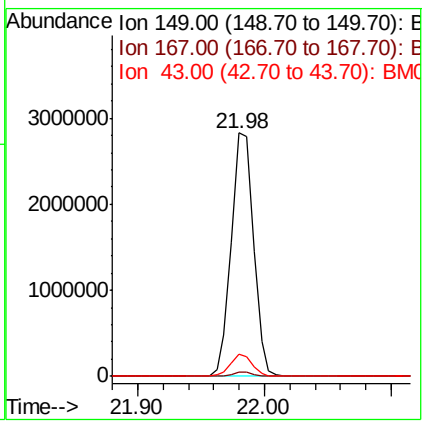


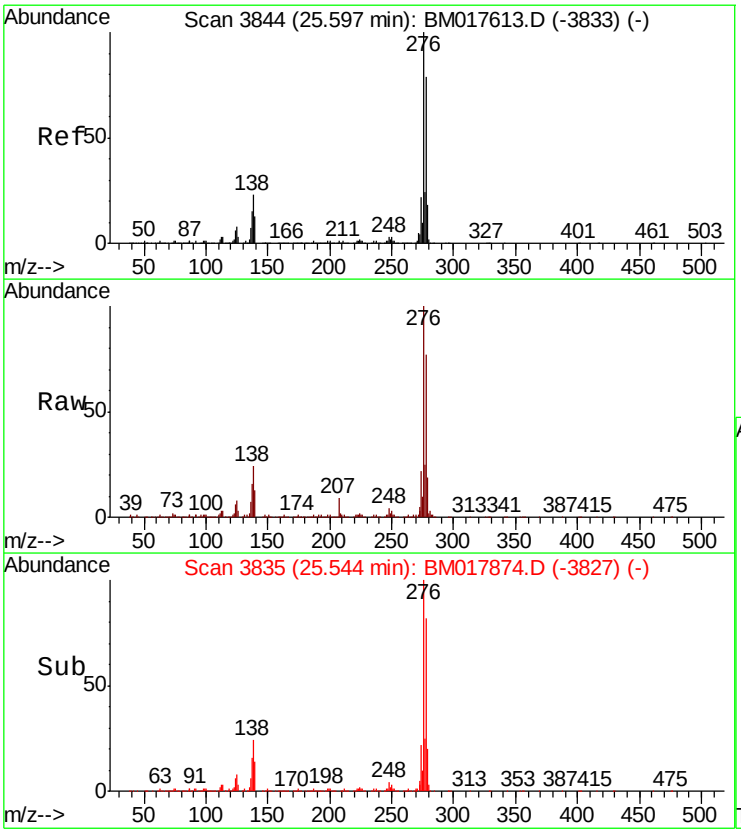

#85
Di-n-octyl phthalate
Concen: 55.808 ng
RT: 21.98 min Scan# 3229
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:149 Resp: 3419526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 8.9 | 8.3 | 12.5 |

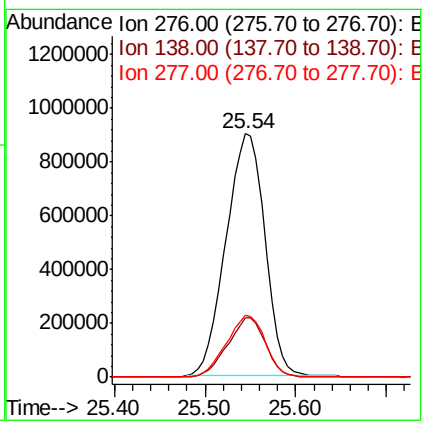


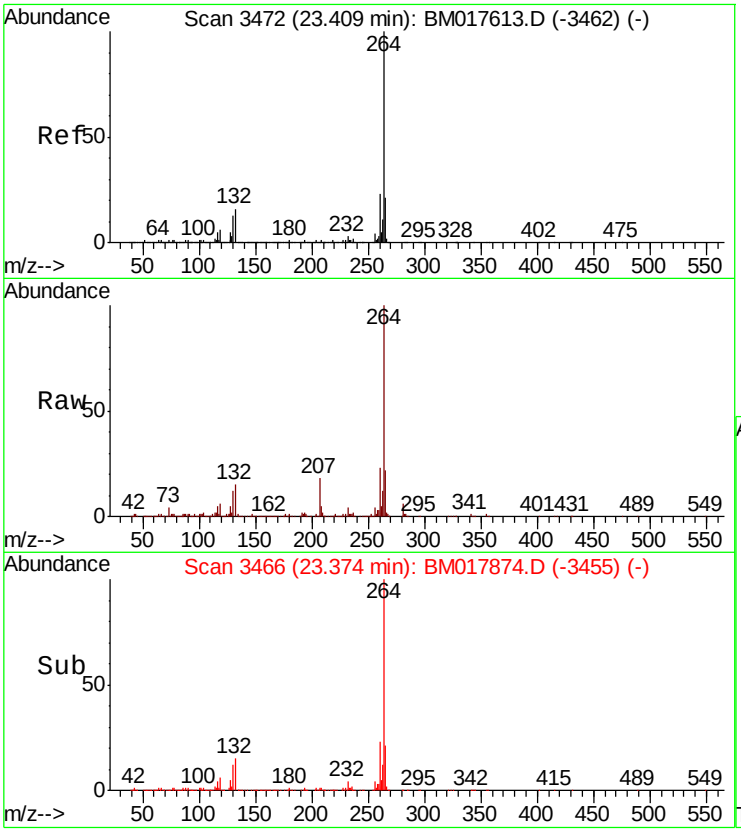




#86
Indeno(1,2,3-cd)pyrene
Concen: 58.206 ng
RT: 25.54 min Scan# 3835
Delta R.T. -0.05 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:276 Resp: 2688239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.6 | 19.1 | 28.7 |
| 277 | 25.1 | 20.0 | 30.0 |



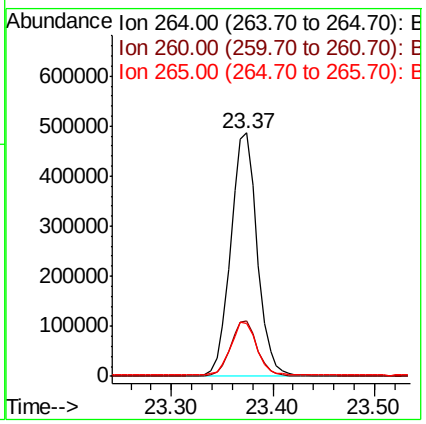


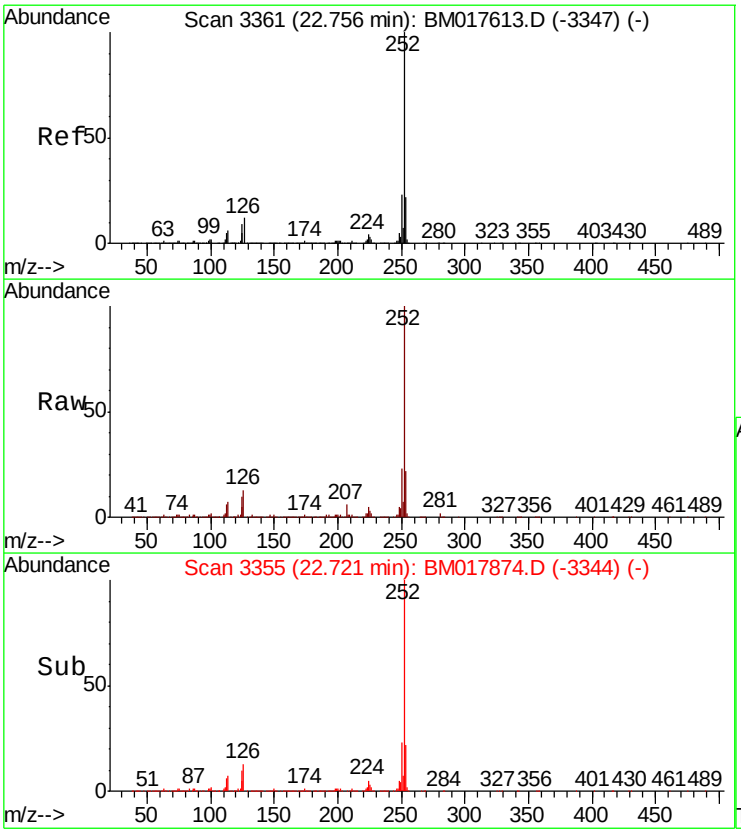

#87
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:264 Resp: 886605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 18.2 | 27.2 |
| 265 | 21.7 | 17.5 | 26.3 |

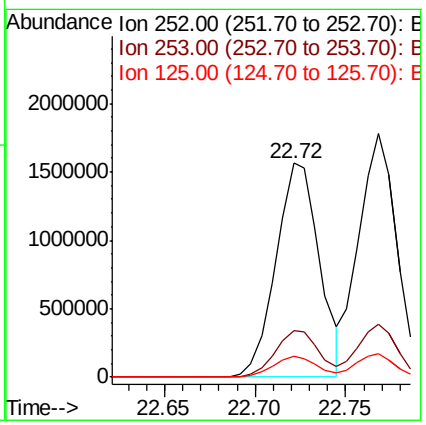


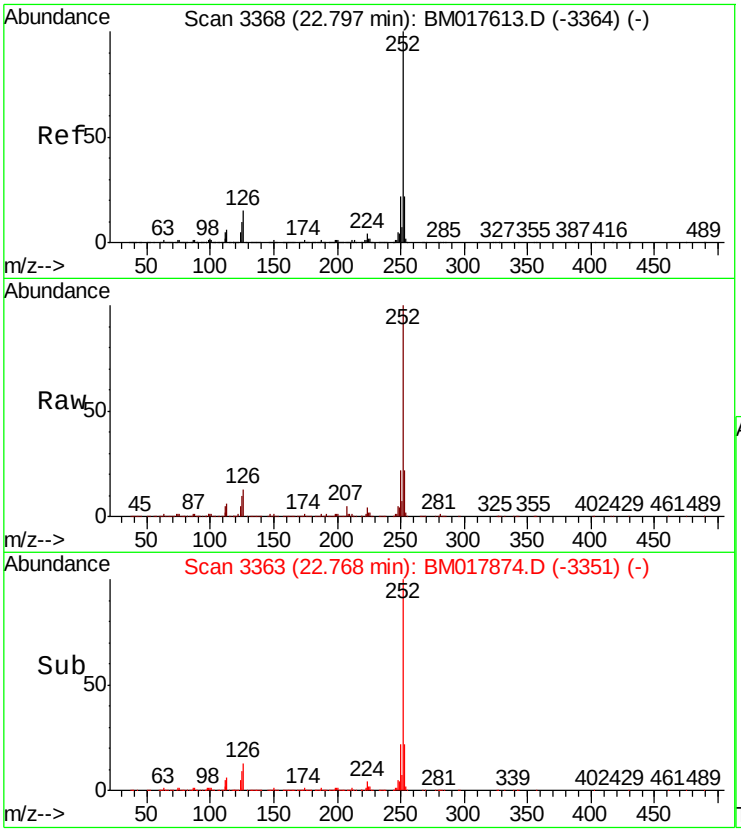




#88
Benzo(b)fluoranthene
Concen: 50.514 ng
RT: 22.72 min Scan# 3355
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:252 Resp: 2622788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.3 | 25.9 |
| 125 | 9.8 | 7.6 | 11.4 |



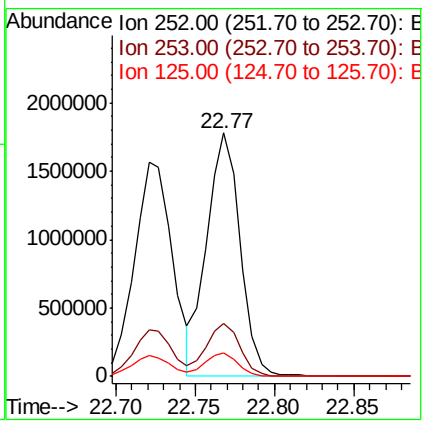


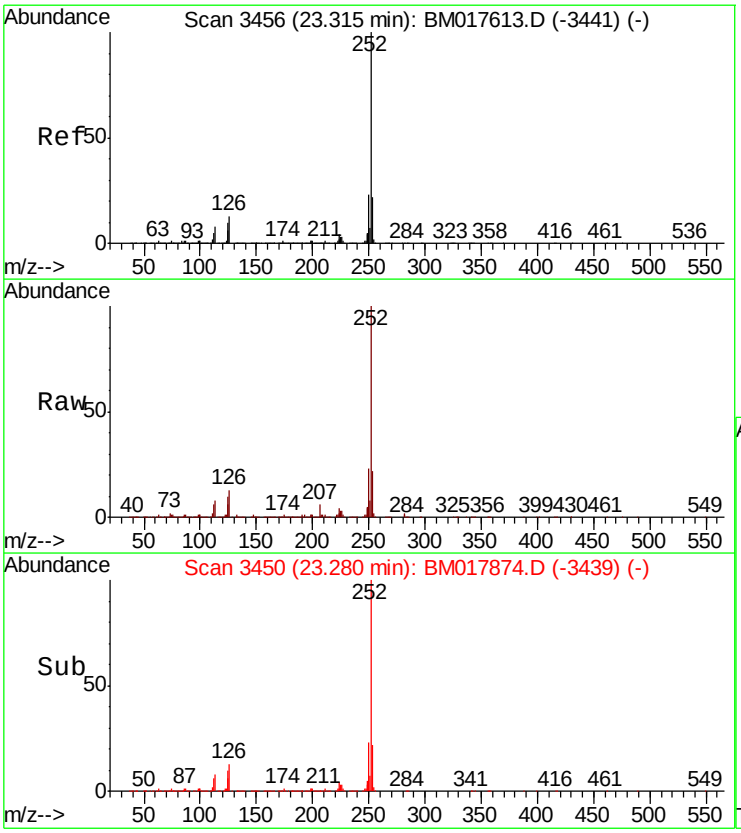

#89
Benzo(k)fluoranthene
Concen: 49.377 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:252 Resp: 2591288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.9 | 17.7 | 26.5 |
| 125 | 9.6 | 7.9 | 11.9 |

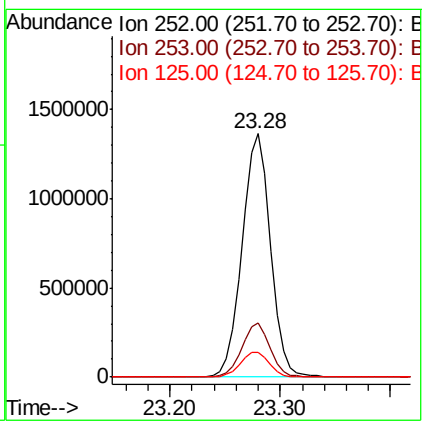


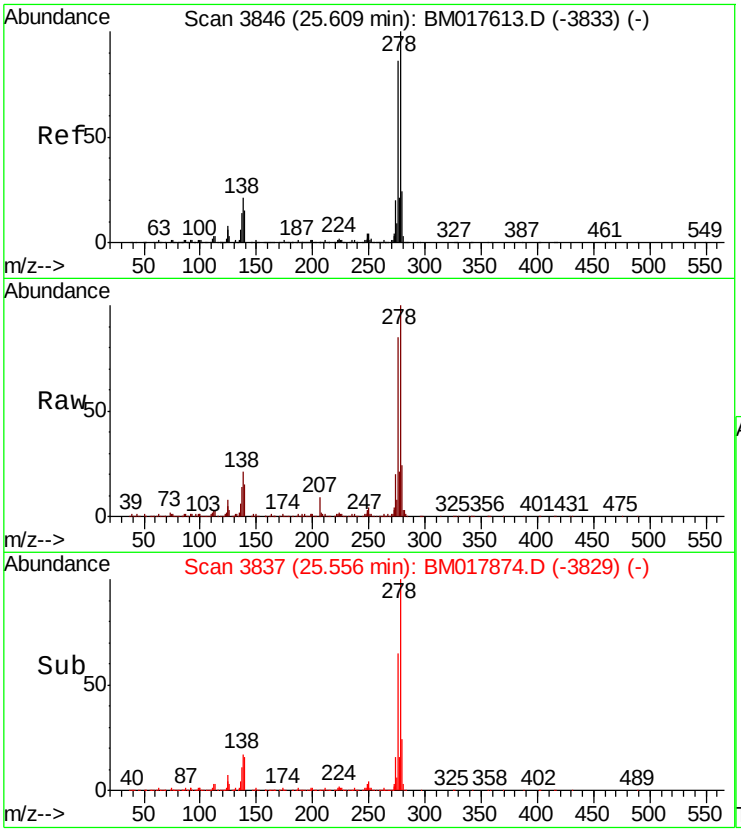




#90
Benzo(a)pyrene
Concen: 52.056 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:252 Resp: 2464452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.2 |
| 125 | 10.3 | 8.2 | 12.2 |



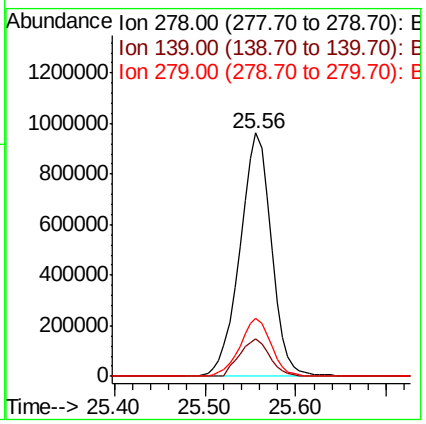


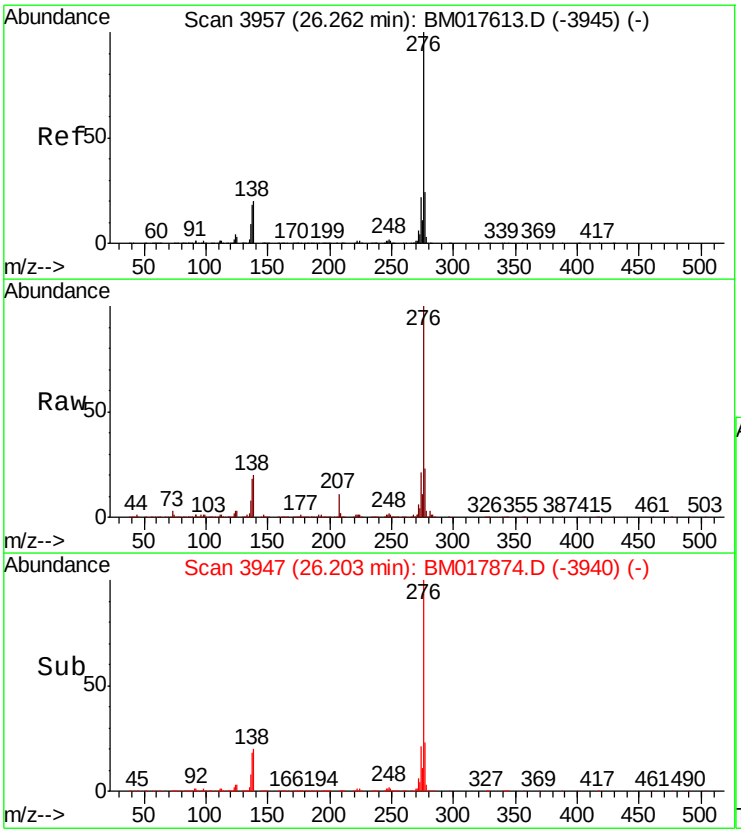

#91
Dibenzo(a,h)anthracene
Concen: 58.442 ng
RT: 25.56 min Scan# 3837
Delta R.T. -0.05 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

**Instrument :**
BNA_M
**ClientSampleId :**
PB115173BSD

Tgt Ion:278 Resp: 2326075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.4 | 11.8 | 17.6 |
| 279 | 24.0 | 19.0 | 28.6 |




#92
Benzo(g,h,i)perylene
Concen: 59.653 ng
RT: 26.20 min Scan# 3947
Delta R.T. -0.06 min
Lab File: BM017874.D
Acq: 02 Dec 2018 02:21

Tgt Ion:276 Resp: 2232704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.3 | 19.0 | 28.4 |
| 138 | 20.1 | 15.9 | 23.9 |