Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018531.D
Acq On : 11 Jan 2019 07:34
Operator : JU/SJ
Sample : PB116287BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jan 11 10:25:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 491532 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.55 | 136 | 2100418 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.41 | 164 | 1233879 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.16 | 188 | 2783571 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.35 | 240 | 2530865 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 23.64 | 264 | 2238508 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.35 | 112 | 1935623 | 72.71 | ng | | 0.00 |
| 7) Phenol-d6 | 6.93 | 99 | 2546882 | 75.33 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.93 | 82 | 2290956 | 63.23 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.90 | 330 | 1021679 | 65.03 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.02 | 172 | 6091278 | 64.42 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.79 | 244 | 7857447 | 65.45 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 247873 | 22.846 | ng | | 96 |
| 3) Pyridine | 3.68 | 79 | 722291 | 26.703 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.60 | 42 | 376014 | 33.617 | ng | # | 94 |
| 6) Aniline | 7.10 | 93 | 616767 | 16.353 | ng | | 99 |
| 8) 2-Chlorophenol | 7.33 | 128 | 1123997 | 36.153 | ng | | 94 |
| 9) Benzaldehyde | 6.91 | 77 | 310999 | 13.338 | ng | | 98 |
| 10) Phenol | 6.96 | 94 | 1242392 | 36.161 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 7.19 | 93 | 850767 | 31.515 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 7.65 | 146 | 1113716 | 30.080 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.79 | 146 | 1138806 | 30.347 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.11 | 146 | 1102025 | 30.970 | ng | | 98 |
| 15) Benzyl Alcohol | 8.00 | 79 | 881440 | 36.095 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.29 | 45 | 1083647 | 31.411 | ng | | 94 |
| 17) 2-Methylphenol | 8.20 | 107 | 875528 | 37.542 | ng | | 99 |
| 18) Hexachloroethane | 8.83 | 117 | 397275 | 29.691 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 8.56 | 70 | 716607 | 32.569 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.53 | 107 | 1210891 | 37.612 | ng | | 97 |
| 22) Acetophenone | 8.59 | 105 | 1464283 | 28.181 | ng | # | 98 |
| 24) Nitrobenzene | 8.97 | 77 | 1084643 | 30.425 | ng | | 97 |
| 25) Isophorone | 9.49 | 82 | 1988418 | 36.242 | ng | | 98 |
| 26) 2-Nitrophenol | 9.67 | 139 | 518787 | 30.095 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.73 | 122 | 1021460 | 39.533 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.97 | 93 | 1229048 | 32.427 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.20 | 162 | 1104214 | 35.890 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.41 | 180 | 1132437 | 29.654 | ng | | 99 |
| 31) Naphthalene | 10.60 | 128 | 3290065 | 32.524 | ng | | 100 |
| 32) Benzoic acid | 9.86 | 122 | 422832 | 27.515 | ng | | 96 |
| 33) 4-Chloroaniline | 10.72 | 127 | 448542 | 11.259 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.87 | 225 | 679630 | 28.171 | ng | | 98 |
| 35) Caprolactam | 11.52 | 113 | 328437 | 31.398 | ng | | 89 |
| 36) 4-Chloro-3-methylphenol | 11.85 | 107 | 1136061 | 35.196 | ng | | 100 |
| 37) 2-Methylnaphthalene | 12.22 | 142 | 2503054 | 35.022 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.44 | 142 | 2377604 | 34.382 | ng | | 97 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.58 | 216 | 1299147 | 30.109 | ng | | 99 |

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018531.D
Acq On : 11 Jan 2019 07:34
Operator : JU/SJ
Sample : PB116287BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jan 11 10:25:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.55 | 237 | 1121855 | 47.374 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 12.83 | 196 | 903439 | 34.480 | ng | | 100 |
| 44) 2,4,5-Trichlorophenol | 12.91 | 196 | 961470 | 34.890 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.24 | 154 | 3230084 | 29.981 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.28 | 162 | 2512681 | 30.076 | ng | | 100 |
| 48) 2-Nitroaniline | 13.50 | 65 | 692633 | 33.698 | ng | | 93 |
| 49) Acenaphthylene | 14.13 | 152 | 4120019 | 33.840 | ng | | 100 |
| 50) Dimethylphthalate | 13.87 | 163 | 3265883 | 32.229 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.00 | 165 | 701656 | 32.688 | ng | | 88 |
| 52) Acenaphthene | 14.47 | 154 | 2365653 | 31.756 | ng | | 98 |
| 53) 3-Nitroaniline | 14.33 | 138 | 506161 | 23.390 | ng | | 95 |
| 54) 2,4-Dinitrophenol | 14.53 | 184 | 200915 | 22.935 | ng | # | 91 |
| 55) Dibenzofuran | 14.81 | 168 | 3867045 | 31.417 | ng | | 98 |
| 56) 4-Nitrophenol | 14.64 | 139 | 1010671 | 54.061 | ng | | 94 |
| 57) 2,4-Dinitrotoluene | 14.78 | 165 | 936759 | 30.844 | ng | | 100 |
| 58) Fluorene | 15.46 | 166 | 3121345 | 34.042 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.03 | 232 | 817665 | 33.475 | ng | | 96 |
| 60) Diethylphthalate | 15.23 | 149 | 3375179 | 32.993 | ng | | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.45 | 204 | 1613819 | 30.538 | ng | | 99 |
| 62) 4-Nitroaniline | 15.50 | 138 | 792512 | 33.575 | ng | | 98 |
| 63) Azobenzene | 15.74 | 77 | 2656380 | 31.849 | ng | | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.54 | 198 | 181088 | 14.453 | ng | | 90 |
| 66) n-Nitrosodiphenylamine | 15.67 | 169 | 2773975 | 32.127 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 16.35 | 248 | 982157 | 31.530 | ng | | 97 |
| 68) Hexachlorobenzene | 16.45 | 284 | 1076385 | 30.867 | ng | | 100 |
| 69) Atrazine | 16.63 | 200 | 1016110 | 32.552 | ng | | 99 |
| 70) Pentachlorophenol | 16.80 | 266 | 1073026 | 46.984 | ng | | 98 |
| 71) Phenanthrene | 17.20 | 178 | 4962371 | 33.517 | ng | | 99 |
| 72) Anthracene | 17.29 | 178 | 5013798 | 35.216 | ng | | 100 |
| 73) Carbazole | 17.57 | 167 | 4535382 | 31.006 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.12 | 149 | 5625348 | 35.109 | ng | | 100 |
| 75) Fluoranthene | 19.22 | 202 | 5705076 | 33.422 | ng | | 97 |
| 77) Benzidine | 19.42 | 184 | 1528613 | 24.461 | ng | | 100 |
| 78) Pyrene | 19.59 | 202 | 5734647 | 38.227 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.49 | 149 | 2570589 | 40.157 | ng | | 97 |
| 81) Benzo(a)anthracene | 21.34 | 228 | 5126273 | 34.382 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.27 | 252 | 1157922 | 20.538 | ng | | 100 |
| 83) Chrysene | 21.39 | 228 | 4727879 | 32.838 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 3628685 | 39.256 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.15 | 149 | 6022761 | 38.739 | ng | # | 94 |
| 86) Indeno(1,2,3-cd)pyrene | 25.96 | 276 | 4744569 | 28.578 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 22.94 | 252 | 4488502 | 35.319 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.99 | 252 | 4358811 | 34.034 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.54 | 252 | 4203200 | 34.547 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 25.97 | 278 | 4010325 | 32.531 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 26.67 | 276 | 3913927 | 32.626 | ng | | 97 |

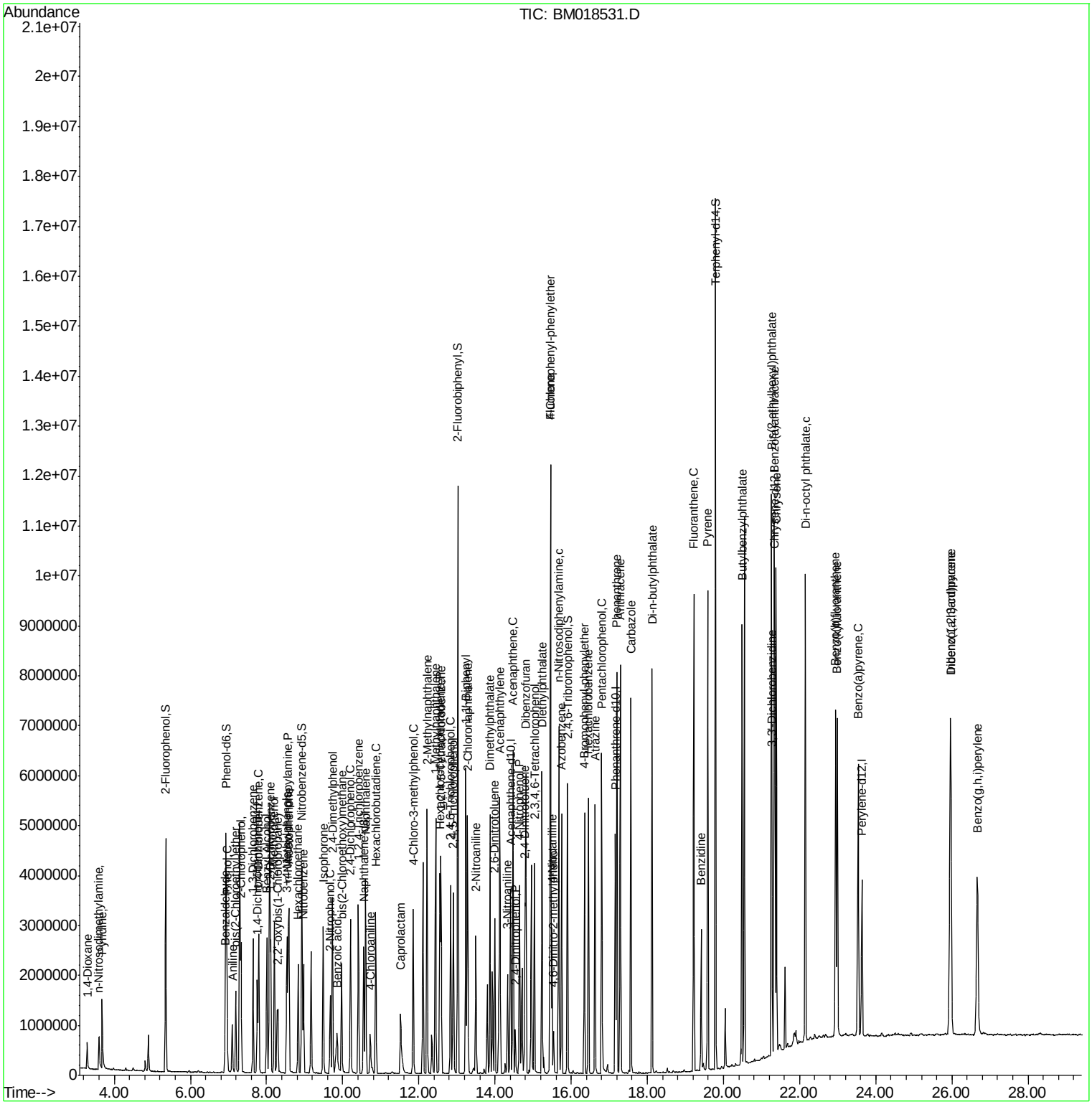
(#) = qualifier out of range (m) = manual integration (+) = signals summed

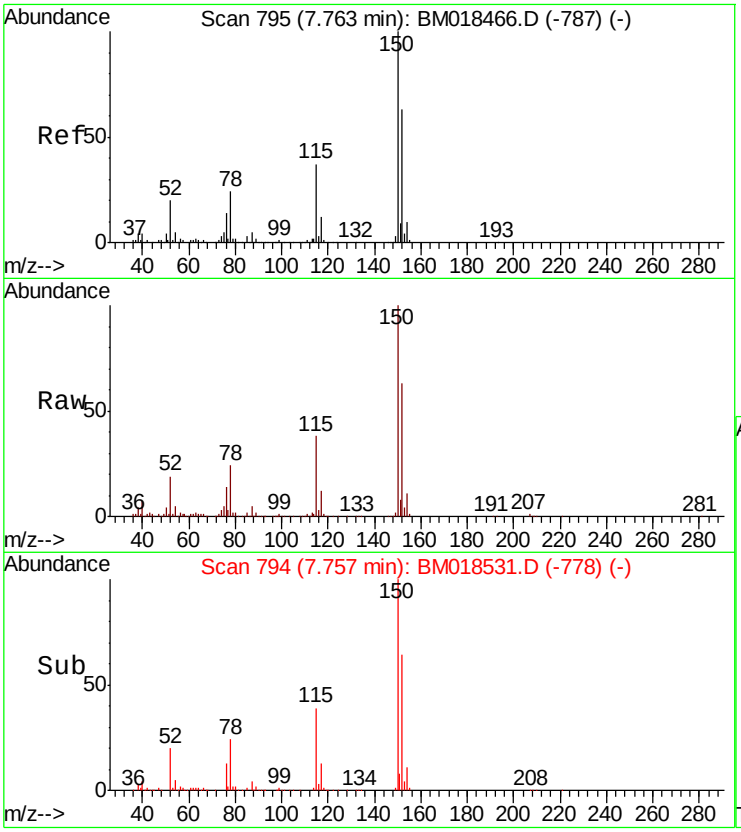
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018531.D
Acq On : 11 Jan 2019 07:34
Operator : JU/SJ
Sample : PB116287BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jan 11 10:25:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration



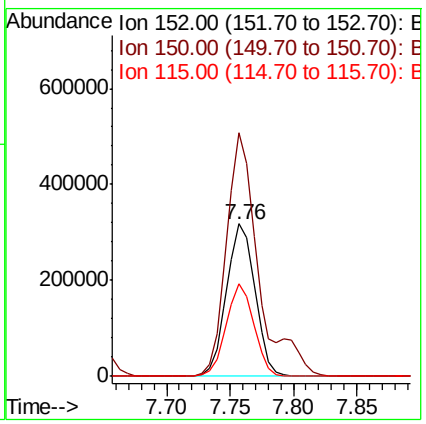


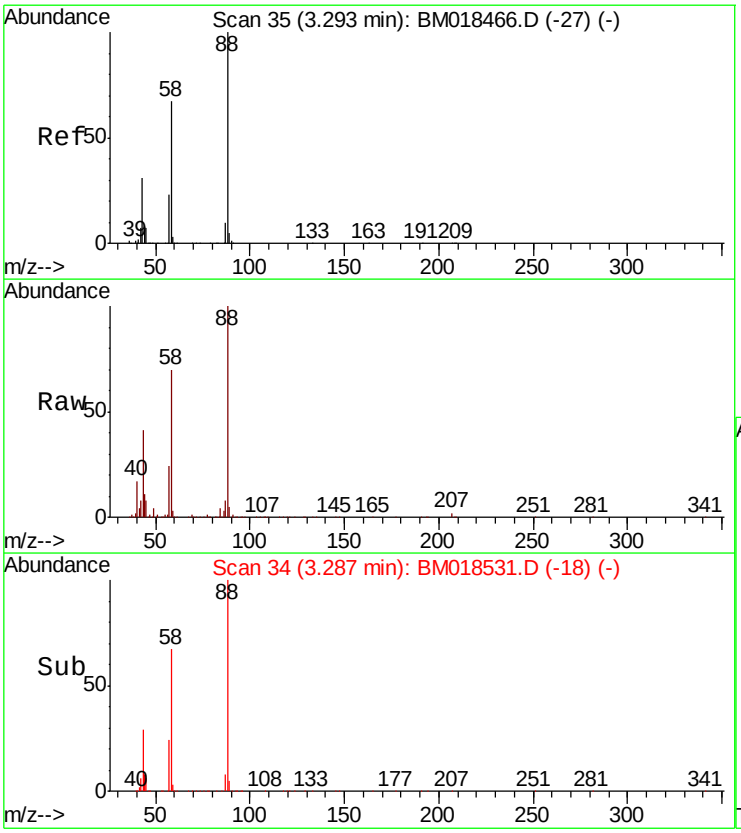

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:152 Resp: 491532

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.9 | 126.9 | 190.3 |
| 115 | 61.1 | 45.5 | 68.3 |

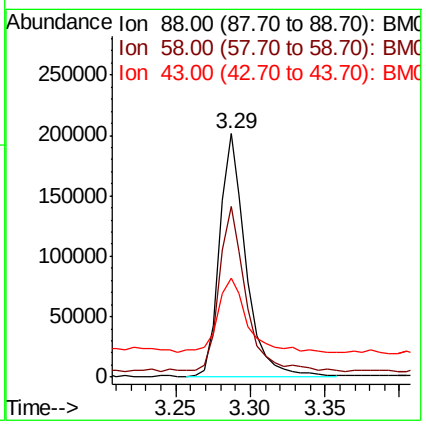


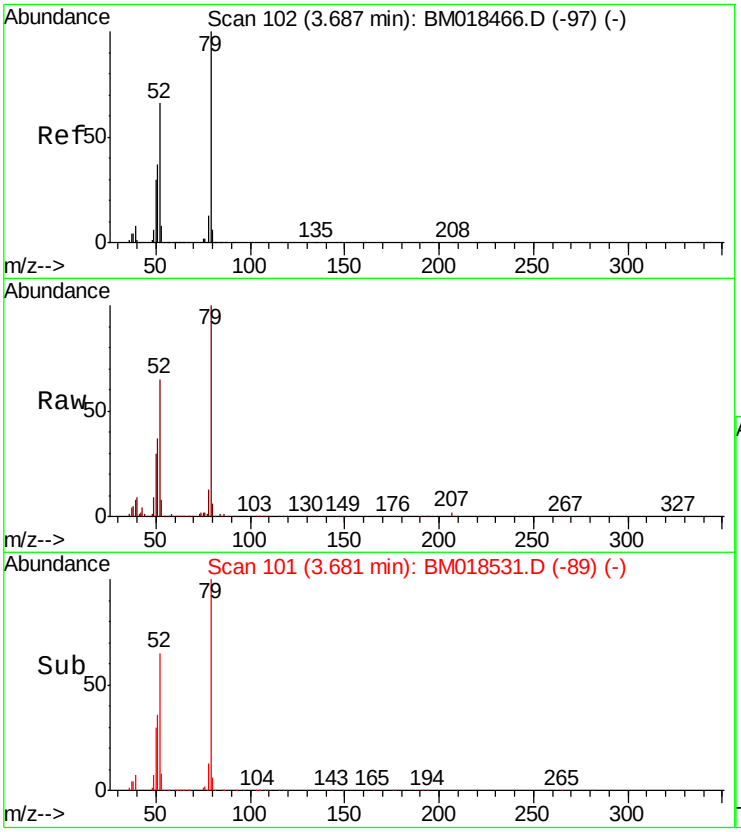




#2
1,4-Dioxane
Concen: 22.846 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 88 Resp: 247873

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 69.1 | 58.4 | 87.6 |
| 43 | 34.1 | 26.2 | 39.4 |



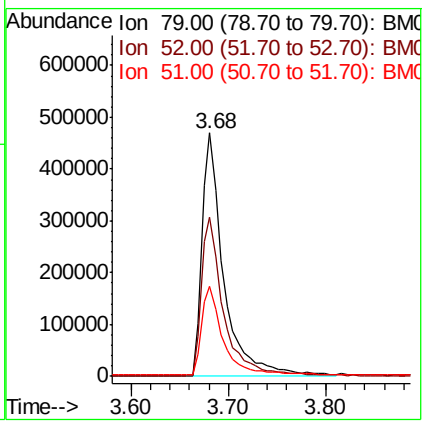


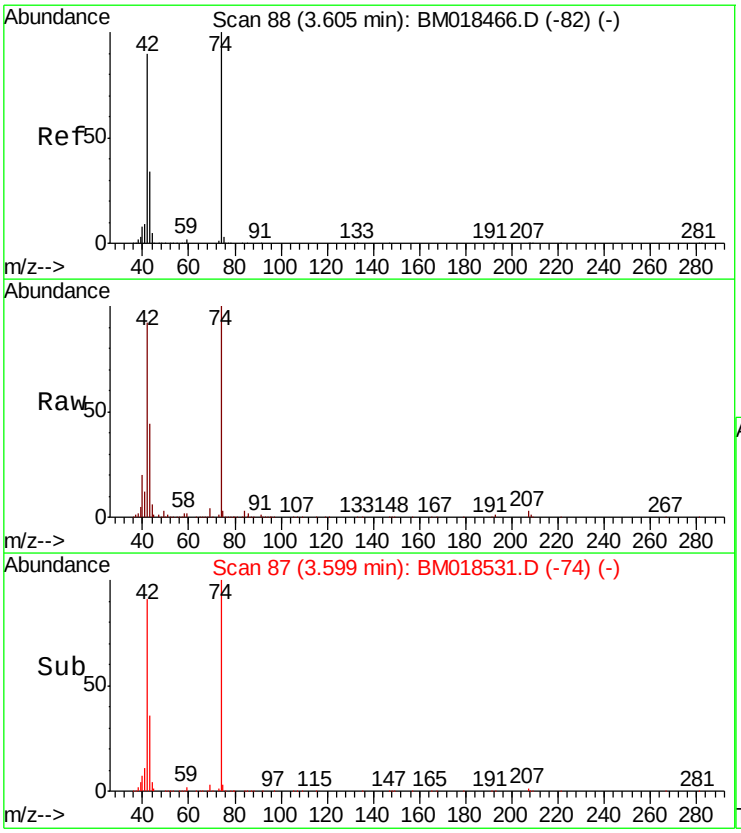

#3
Pyridine
Concen: 26.703 ng
RT: 3.68 min Scan# 101
Delta R.T. -0.03 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion: 79 Resp: 722291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 65.4 | 56.4 | 84.6 |
| 51 | 36.7 | 31.0 | 46.4 |

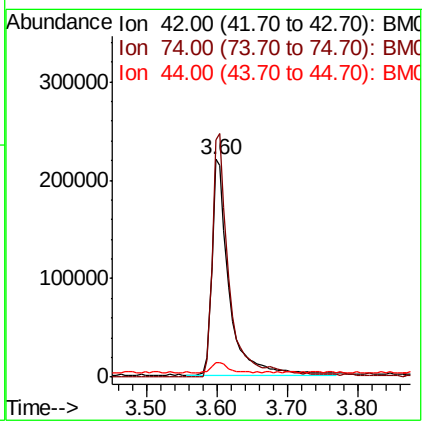


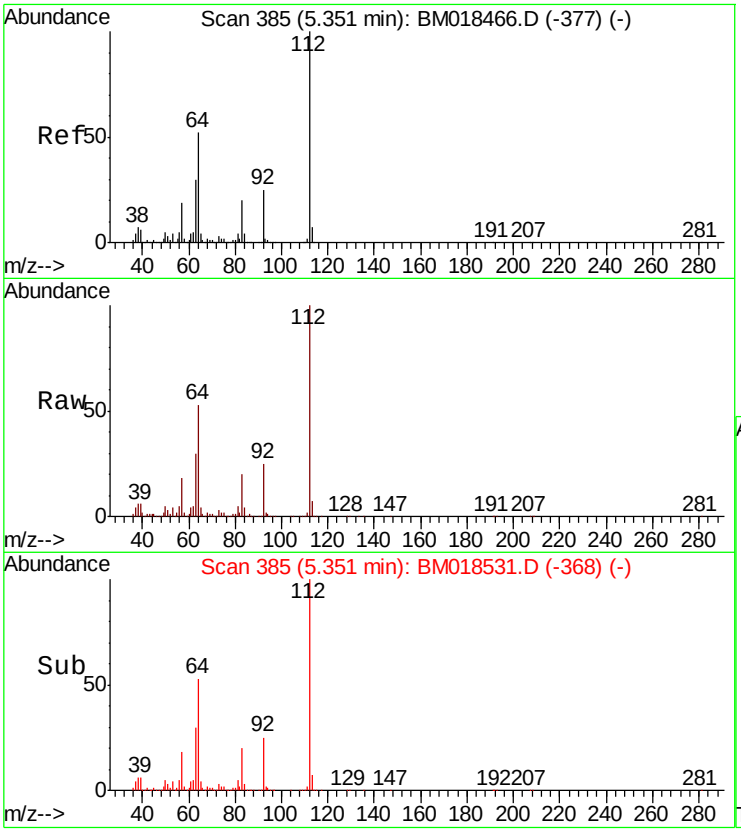




#4
n-Nitrosodimethylamine
Concen: 33.617 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 42 Resp: 376014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 109.1 | 88.6 | 132.8 |
| 44 | 6.6 | 16.9 | 25.3# |



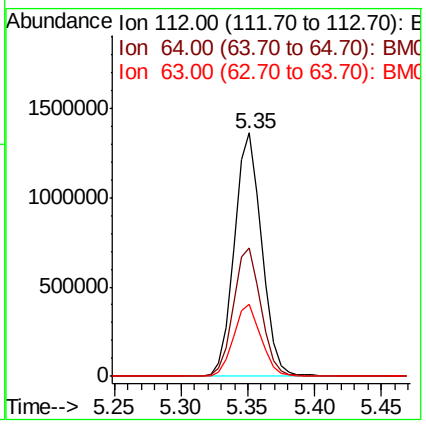


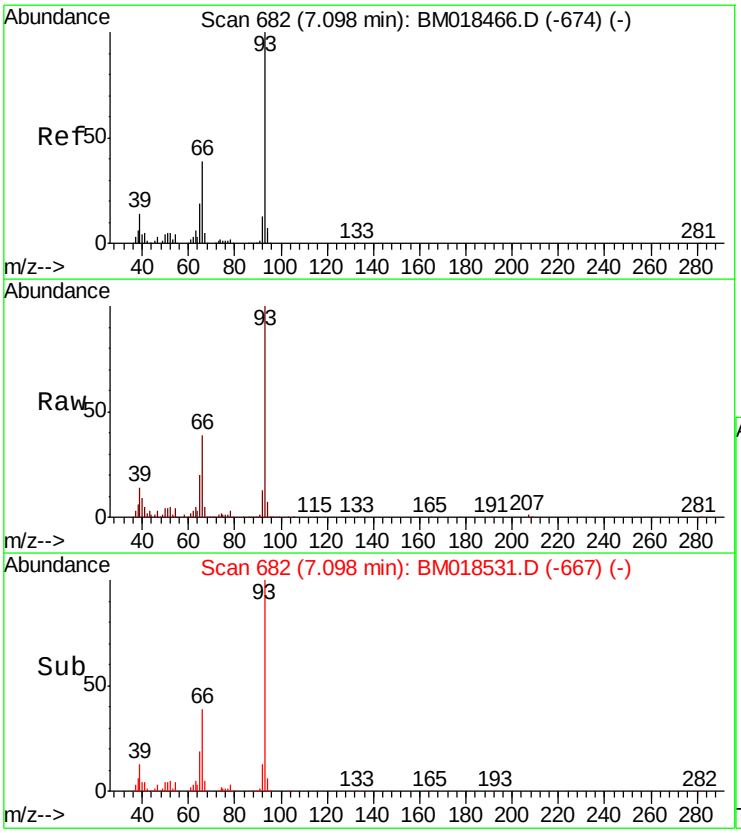

#5
2-Fluorophenol
Concen: 72.714 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:112 Resp: 1935623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.8 | 46.5 | 69.7 |
| 63 | 29.8 | 25.2 | 37.8 |

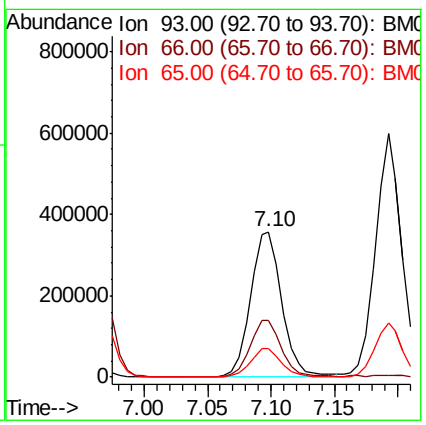


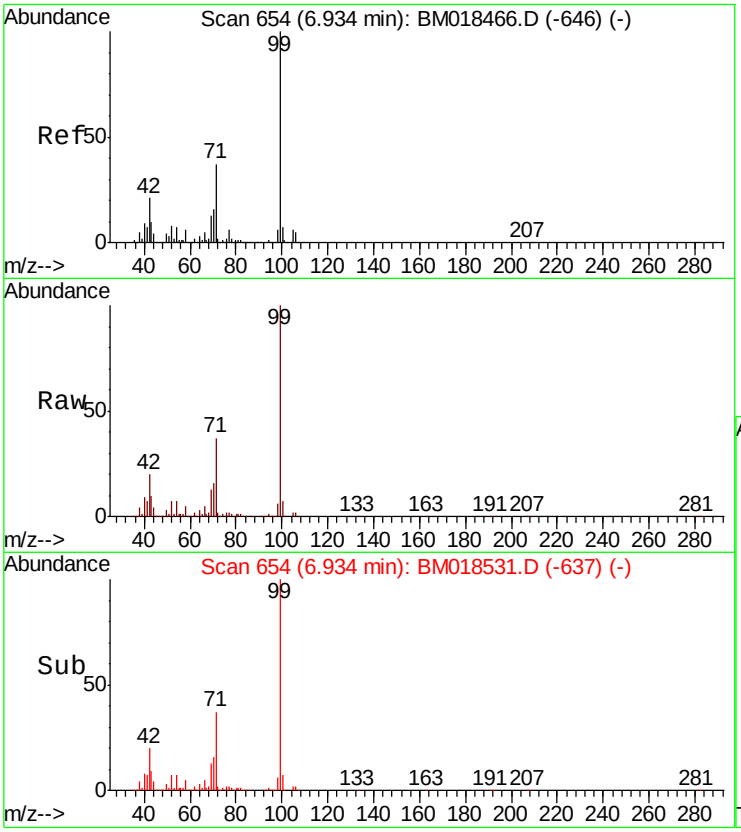




#6
Aniline
Concen: 16.353 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 93 Resp: 616767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 66 | 39.1 | 31.7 | 47.5 |
| 65 | 19.9 | 15.9 | 23.9 |



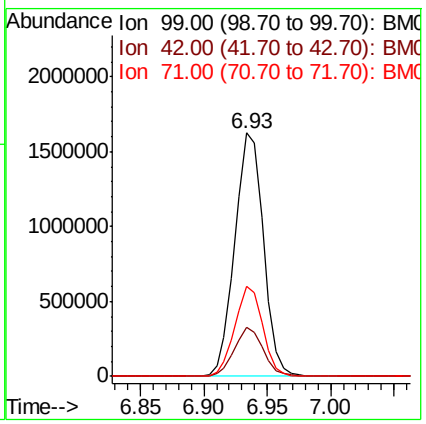


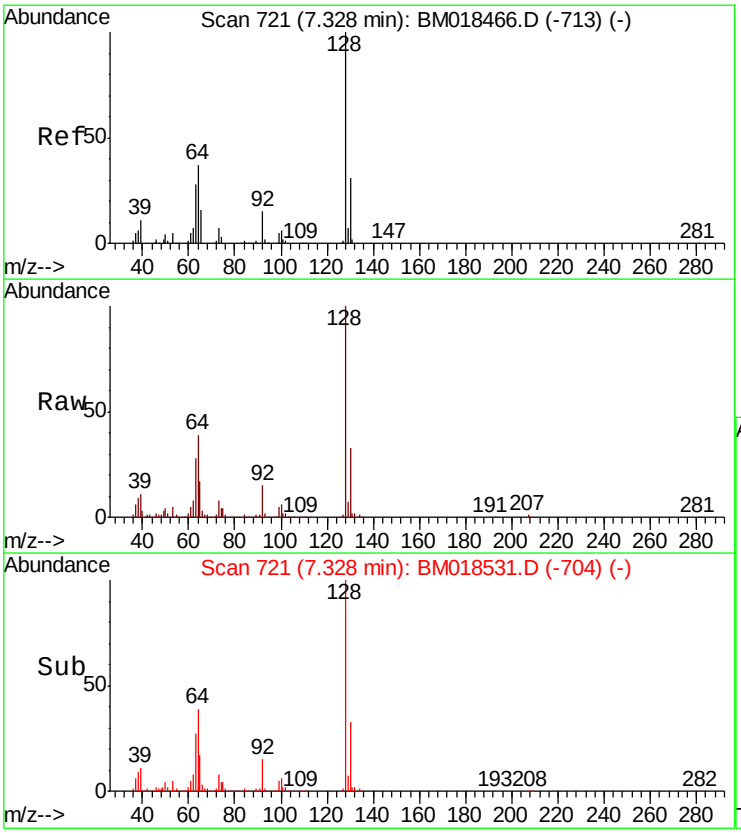

#7
Phenol-d6
Concen: 75.329 ng
RT: 6.93 min Scan# 654
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion: 99 Resp: 2546882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.9 | 17.3 | 25.9 |
| 71 | 37.0 | 28.0 | 42.0 |

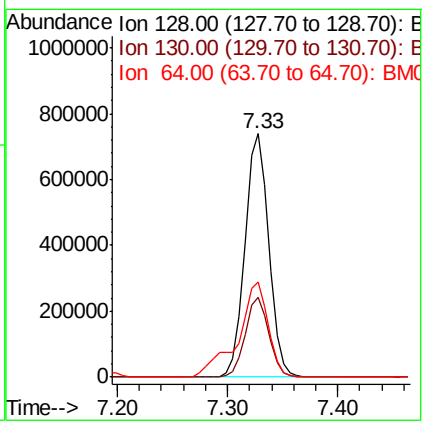


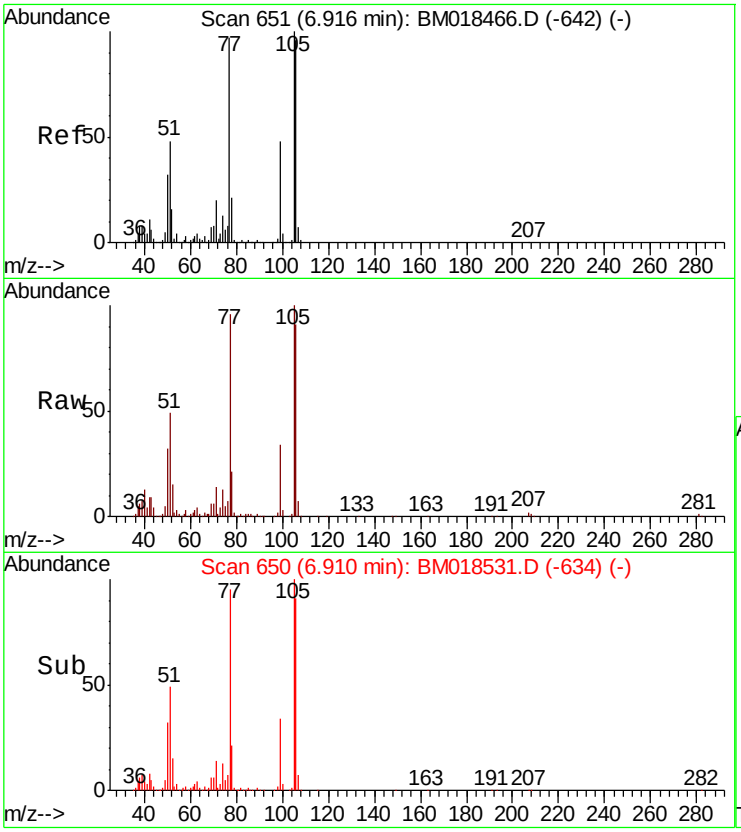




#8
2-Chlorophenol
Concen: 36.153 ng
RT: 7.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:128 Resp: 1123997

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 130 | 32.7 | 13.6 | 53.6 |
| 64 | 38.9 | 24.8 | 64.8 |



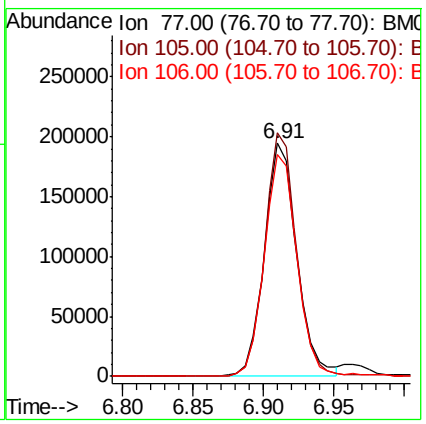


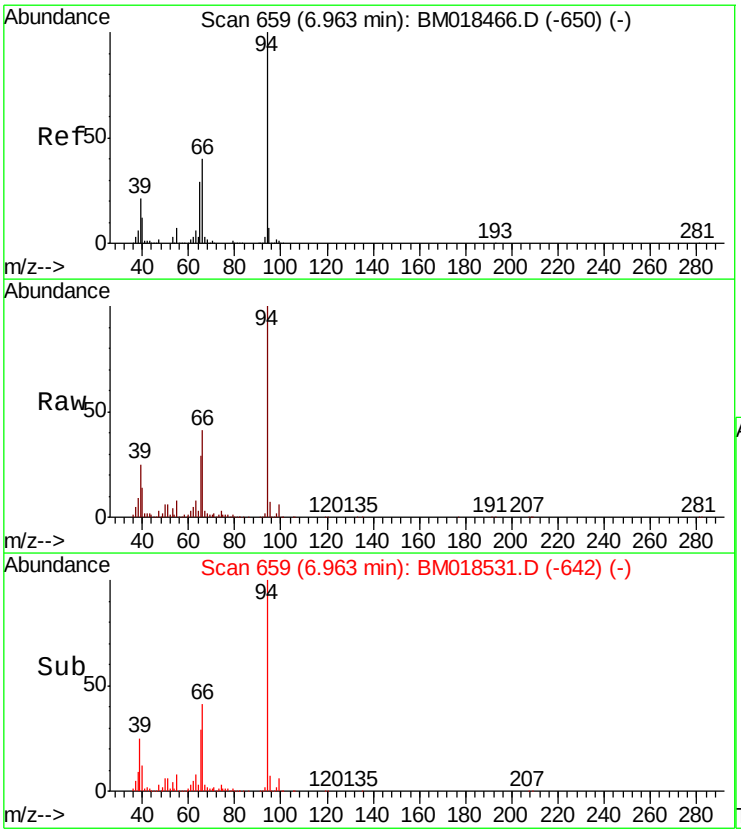

#9
Benzaldehyde
Concen: 13.338 ng
RT: 6.91 min Scan# 650
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion: 77 Resp: 310999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 104.5 | 79.7 | 119.7 |
| 106 | 95.3 | 75.2 | 115.2 |

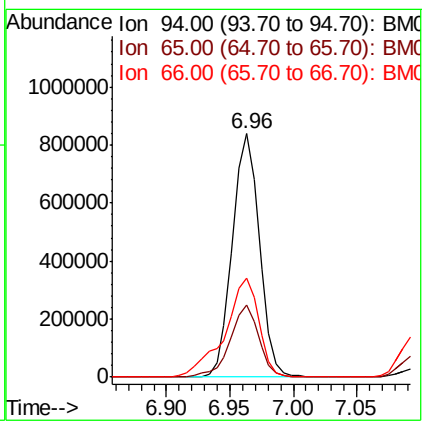


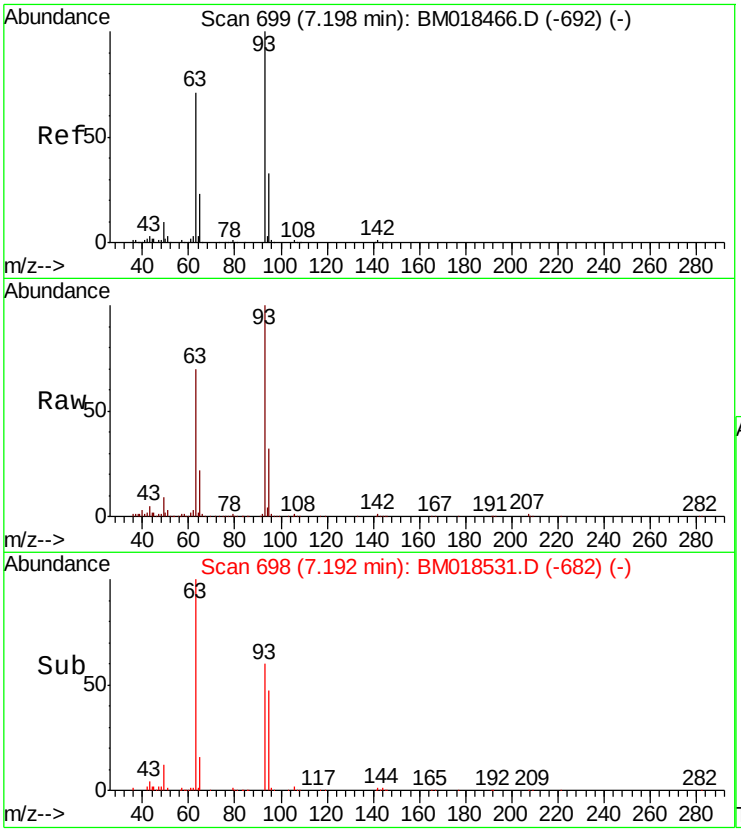




#10
Phenol
Concen: 36.161 ng
RT: 6.96 min Scan# 659
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 94 Resp: 1242392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 29.5 | 9.4 | 49.4 |
| 66 | 40.7 | 19.1 | 59.1 |



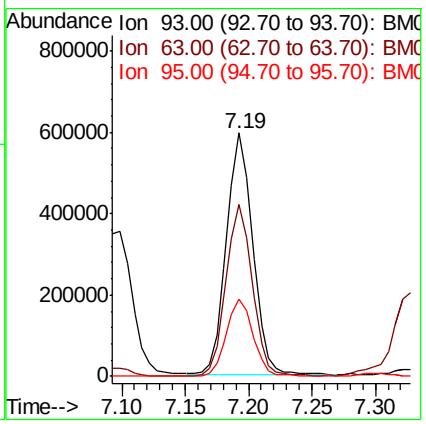


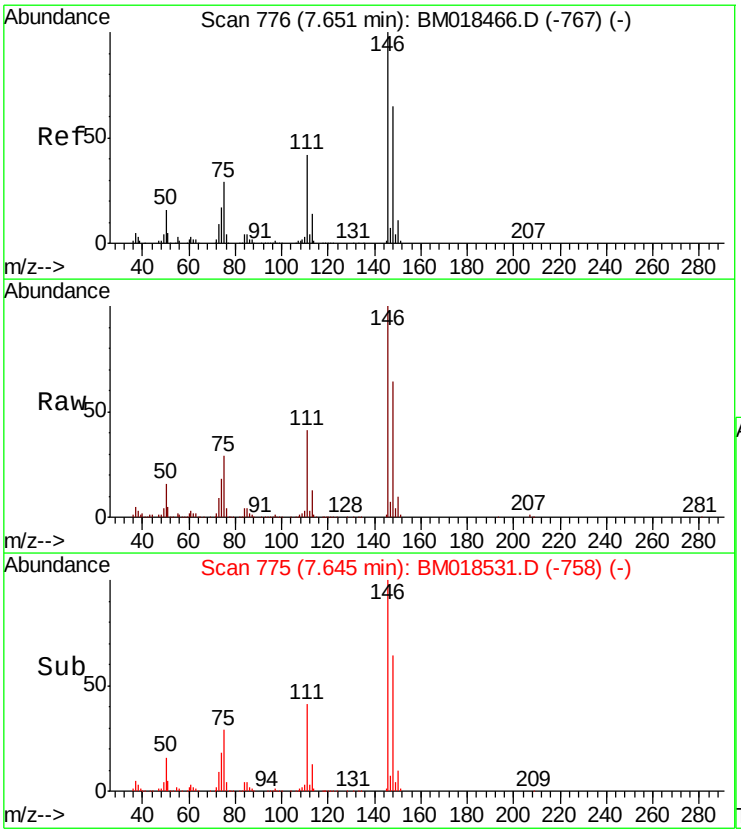

#11
bis(2-Chloroethyl)ether
Concen: 31.515 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion: 93 Resp: 850767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.4 | 56.4 | 96.4 |
| 95 | 31.9 | 12.7 | 52.7 |

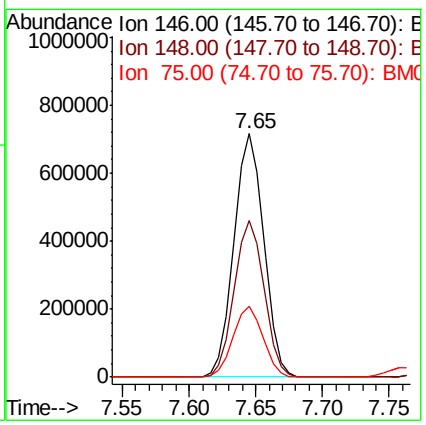


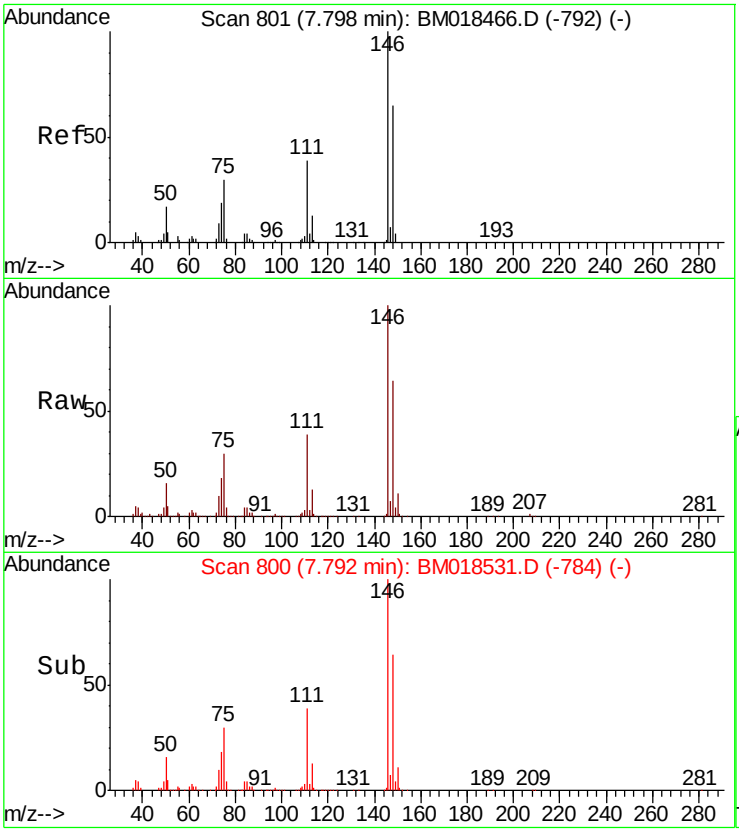




#12
1,3-Dichlorobenzene
Concen: 30.080 ng
RT: 7.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:146 Resp: 1113716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.4 | 50.5 | 75.7 |
| 75 | 28.9 | 23.0 | 34.6 |



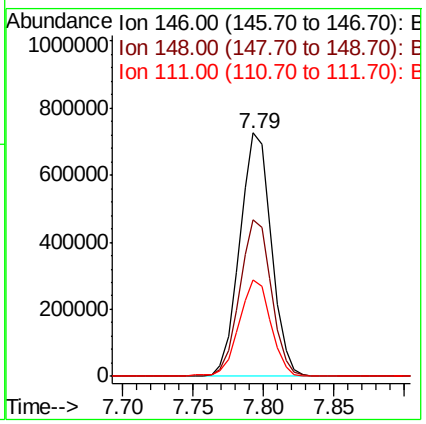


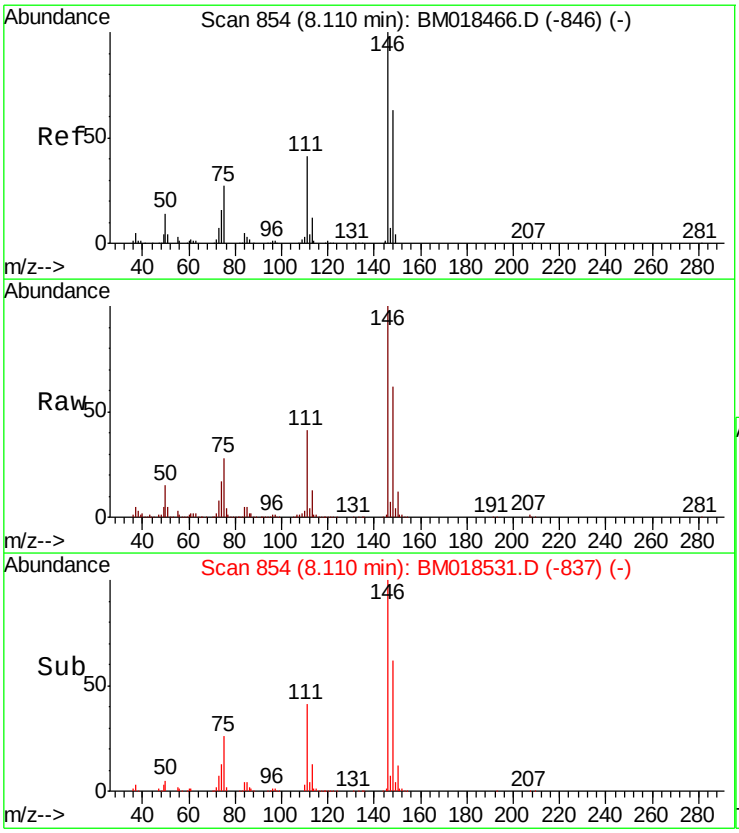

#13
1,4-Dichlorobenzene
Concen: 30.347 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:146 Resp: 1138806

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 64.3 | 50.8 | 76.2 |
| 111 | 39.4 | 32.2 | 48.2 |

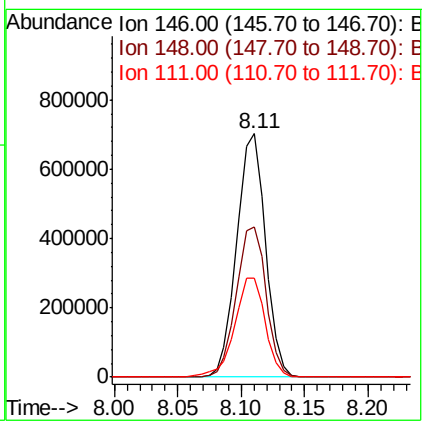


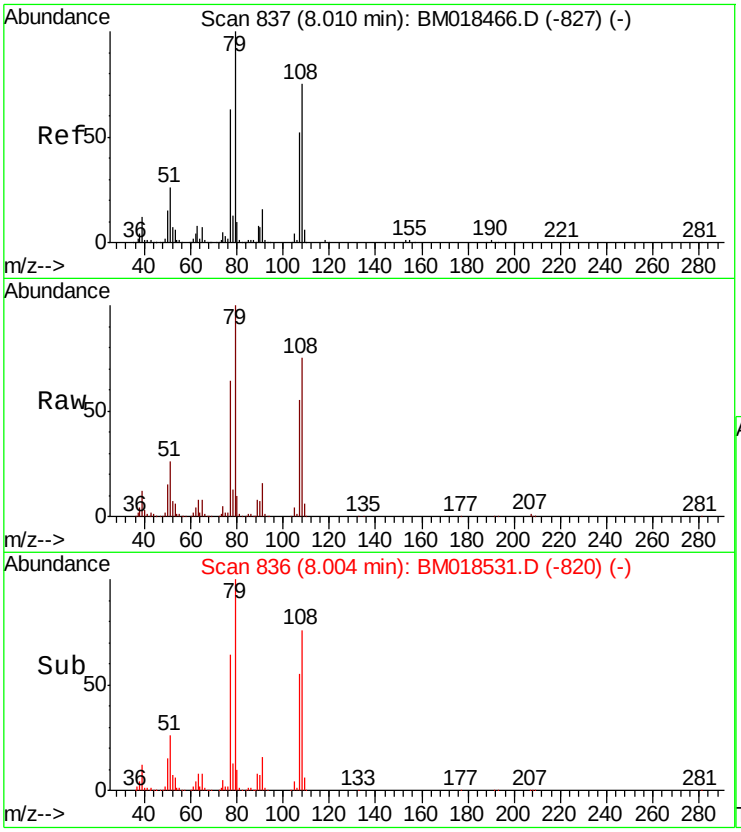




#14
1,2-Dichlorobenzene
Concen: 30.970 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:146 Resp: 1102025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 146 | 100 | | |
| 148 | 61.7 | 51.0 | 76.6 |
| 111 | 40.9 | 33.8 | 50.6 |



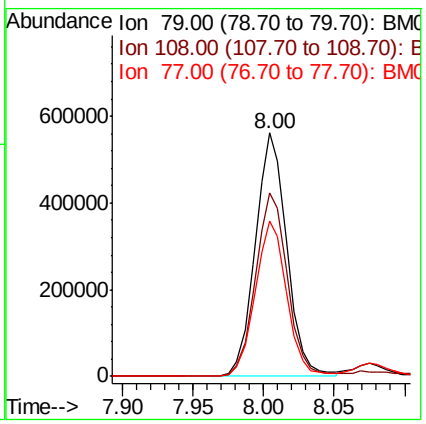


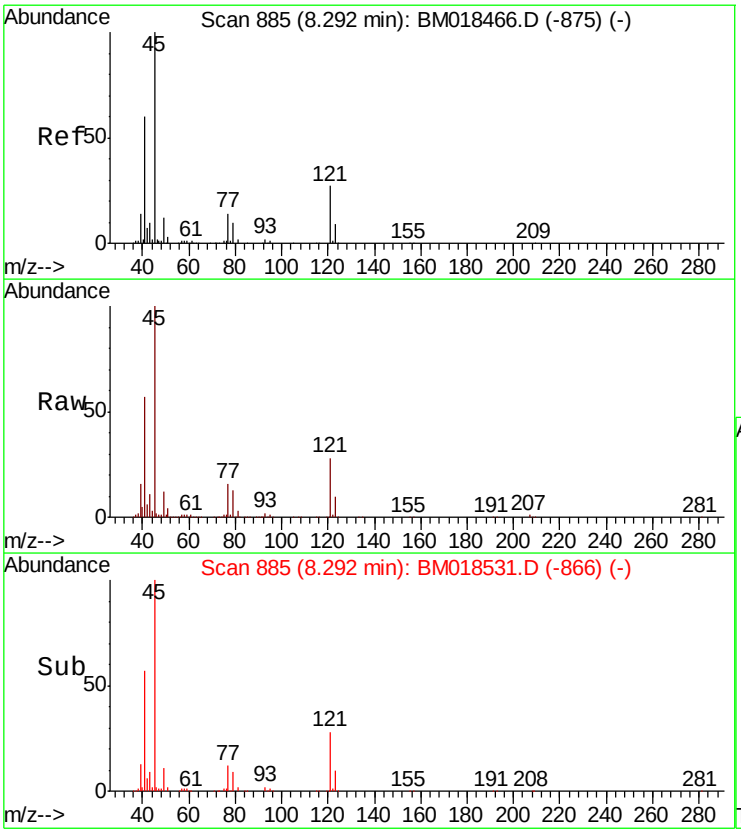

#15
Benzyl Alcohol
Concen: 36.095 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion: 79 Resp: 881440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 75.5 | 60.4 | 90.6 |
| 77 | 63.8 | 53.4 | 80.2 |

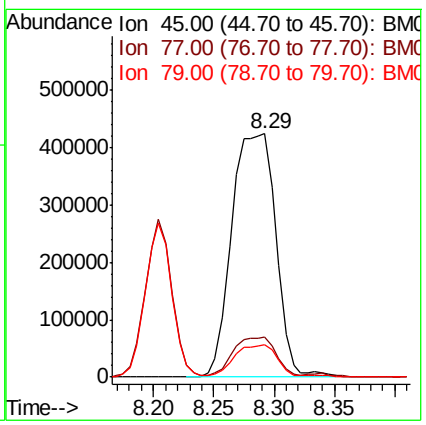


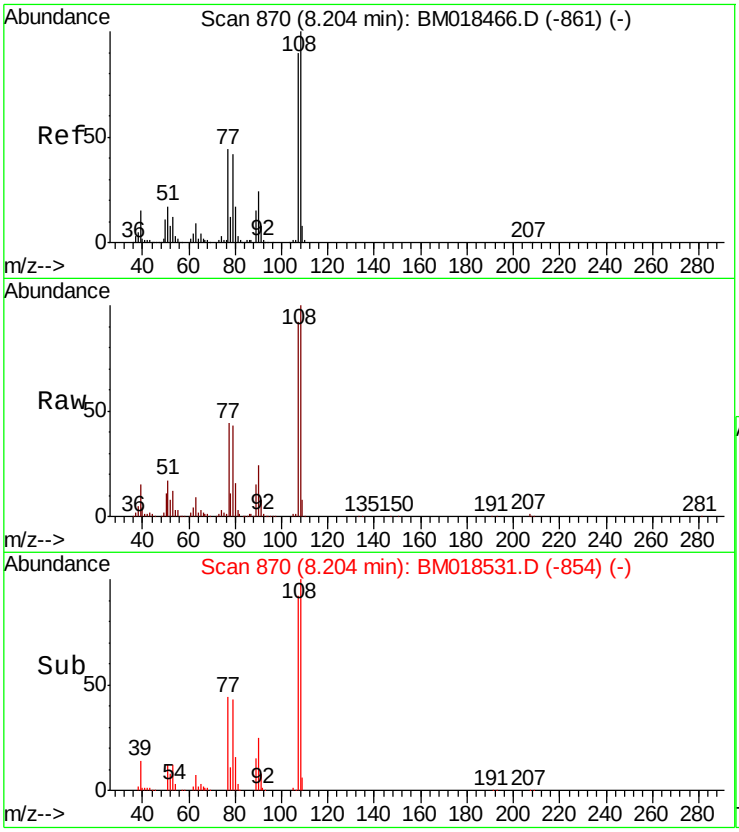




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.411 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 45 Resp: 1083647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 16.3 | 0.0 | 33.4 |
| 79 | 13.2 | 0.0 | 31.1 |



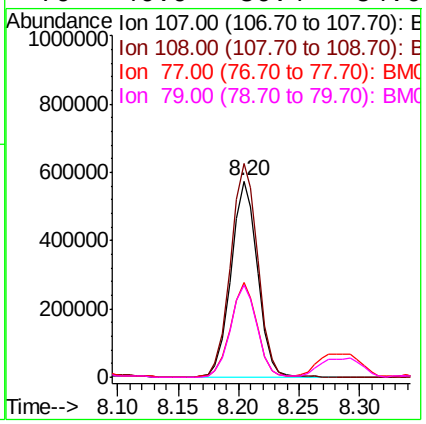


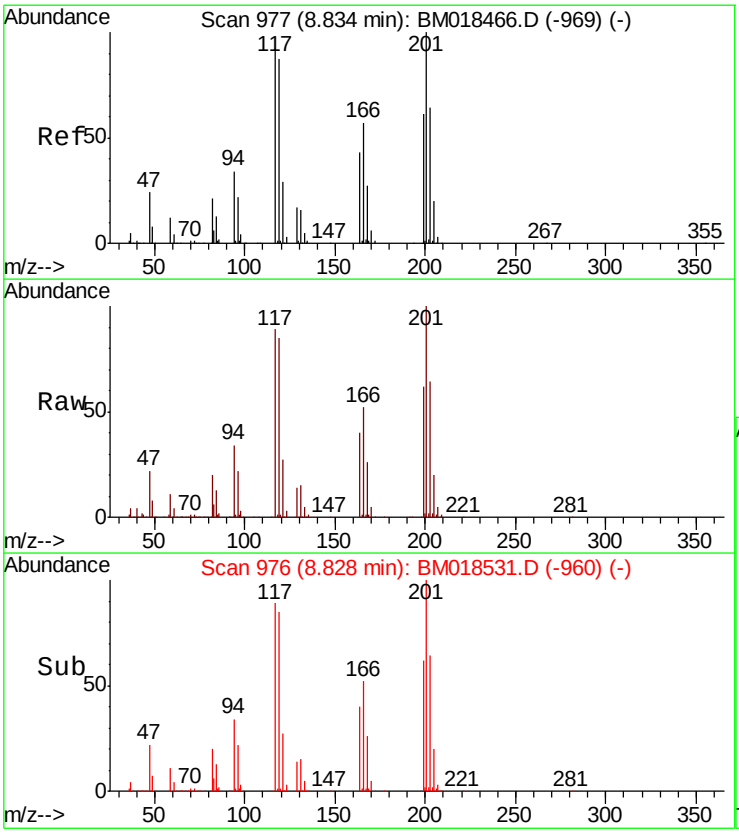

#17
2-Methylphenol
Concen: 37.542 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:107 Resp: 875528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 108.7 | 87.5 | 131.3 |
| 77 | 48.0 | 37.3 | 55.9 |
| 79 | 46.9 | 36.4 | 54.6 |

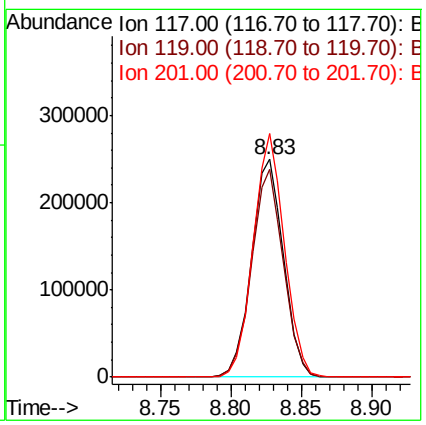


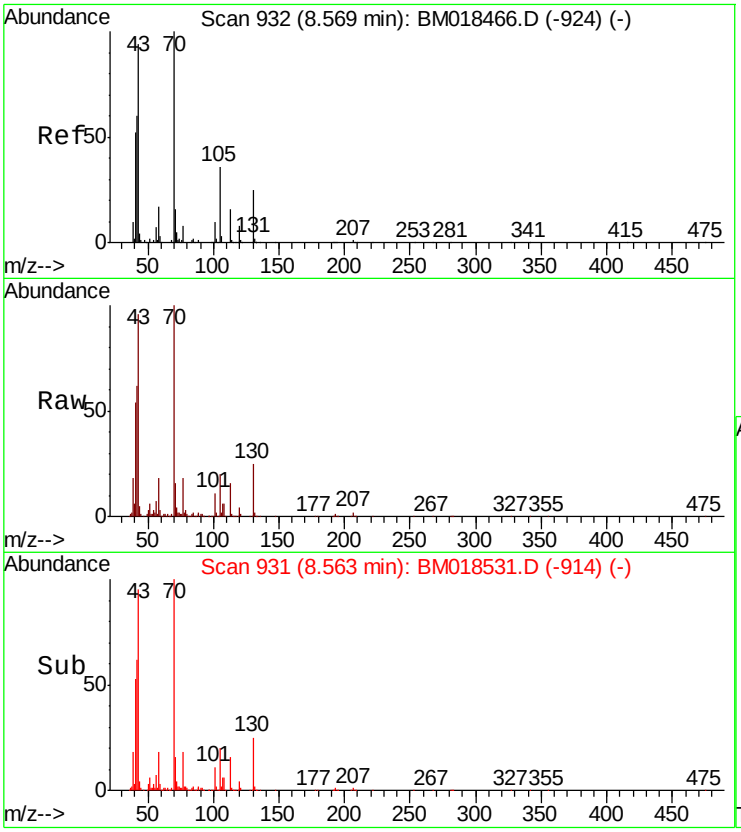




#18
Hexachloroethane
Concen: 29.691 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:117 Resp: 397275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 95.3 | 78.3 | 117.5 |
| 201 | 111.8 | 81.4 | 122.0 |



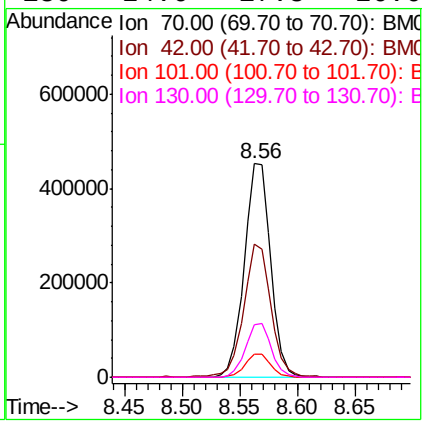


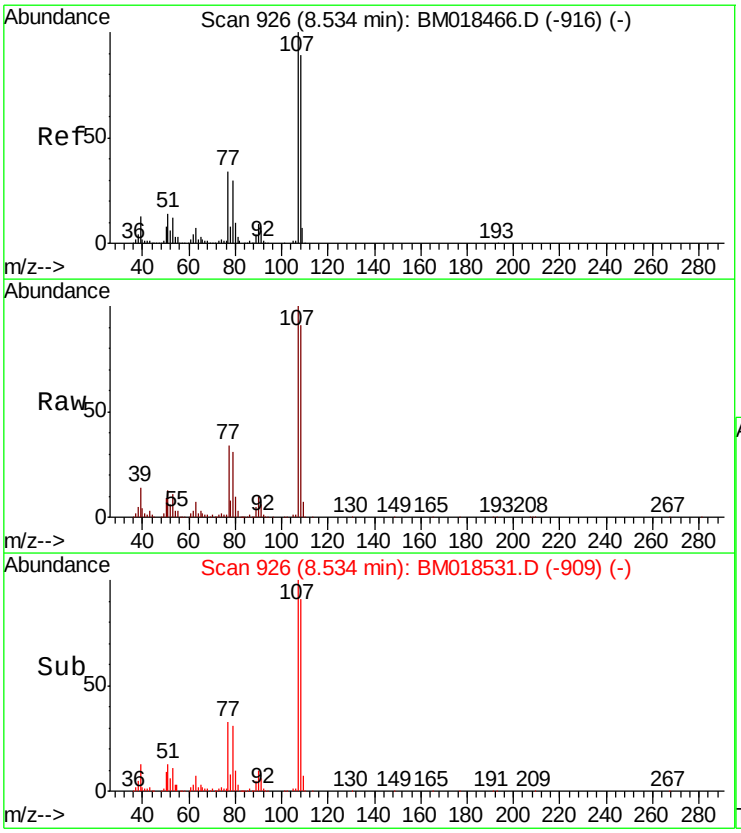

#19
n-Nitroso-di-n-propylamine
Concen: 32.569 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion: 70 Resp: 716607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 62.1 | 54.0 | 81.0 |
| 101 | 10.8 | 8.1 | 12.1 |
| 130 | 24.6 | 17.8 | 26.6 |

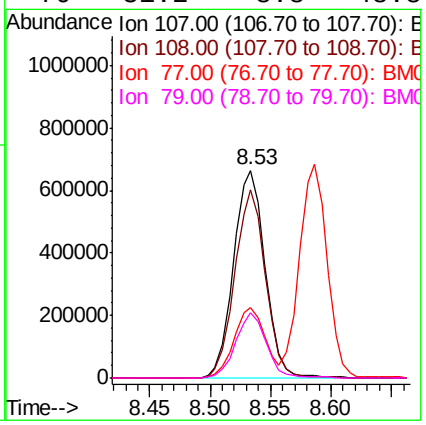


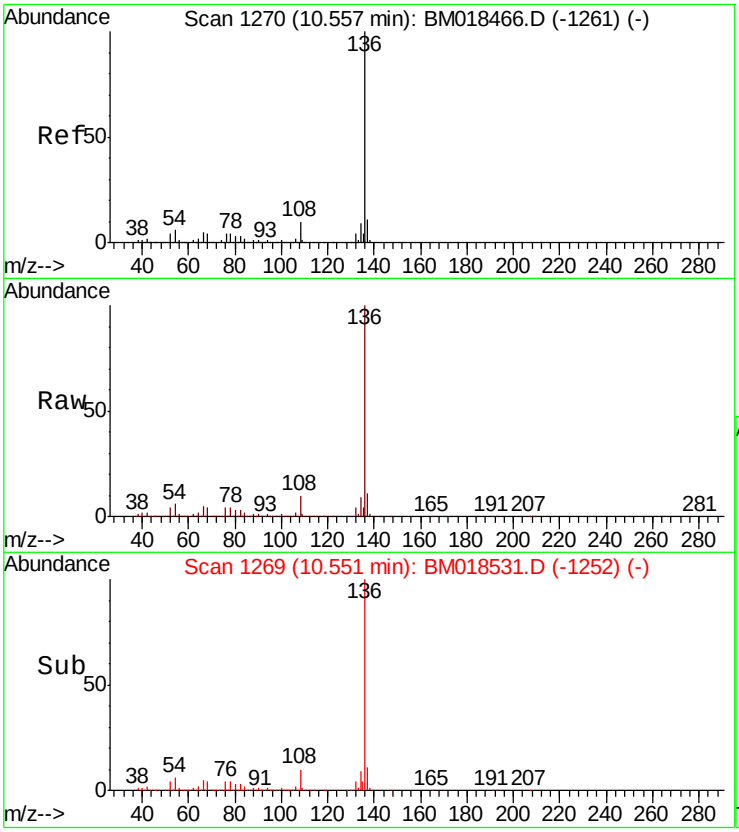




#20
3+4-Methylphenols
Concen: 37.612 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:107 Resp: 1210891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 108 | 90.5 | 66.8 | 106.8 |
| 77 | 33.6 | 13.3 | 53.3 |
| 79 | 31.2 | 8.8 | 48.8 |



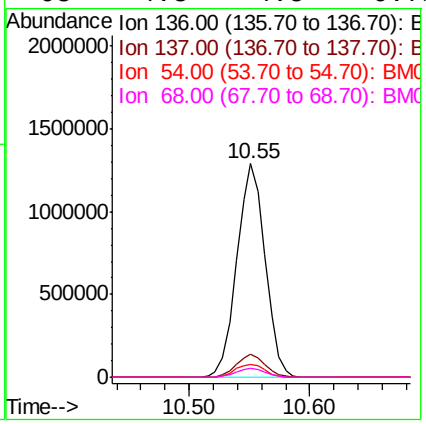


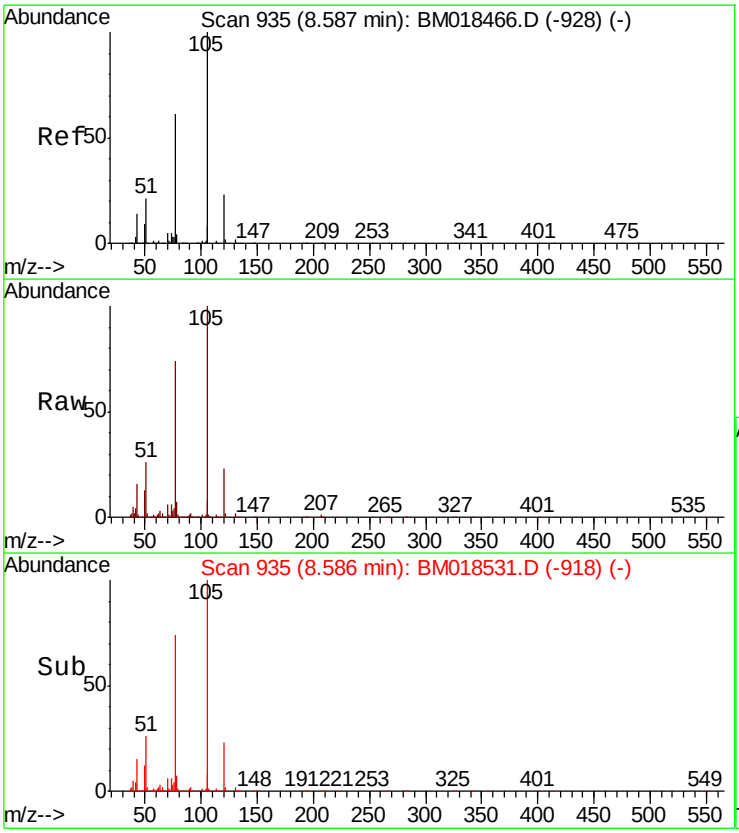

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:136 Resp: 2100418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.5 | 12.7 |
| 54 | 6.2 | 6.0 | 9.0 |
| 68 | 4.3 | 4.5 | 6.7# |

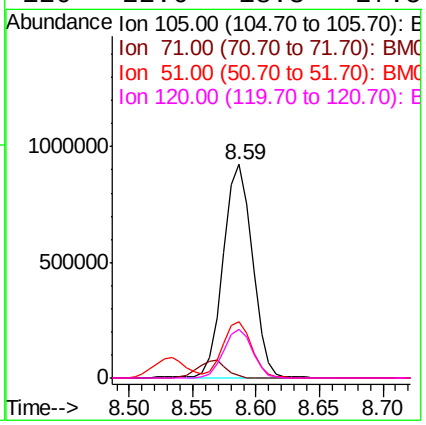


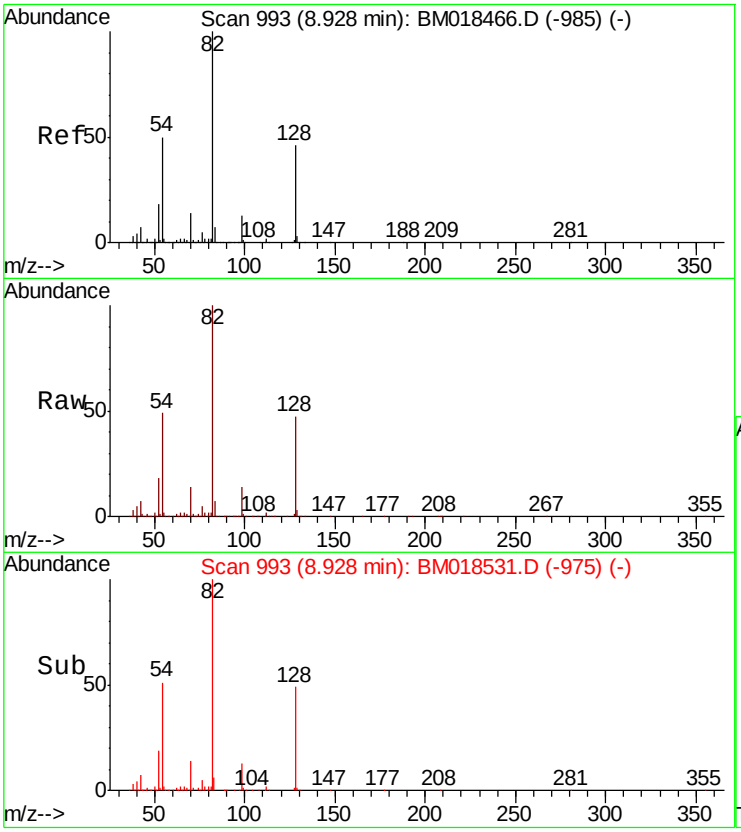




#22
Acetophenone
Concen: 28.181 ng
RT: 8.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:105 Resp: 1464283

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 1.0 | 1.7 | 2.5# |
| 51 | 26.3 | 22.6 | 34.0 |
| 120 | 22.6 | 18.3 | 27.5 |



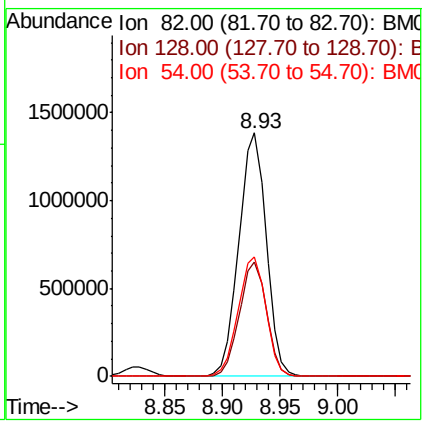


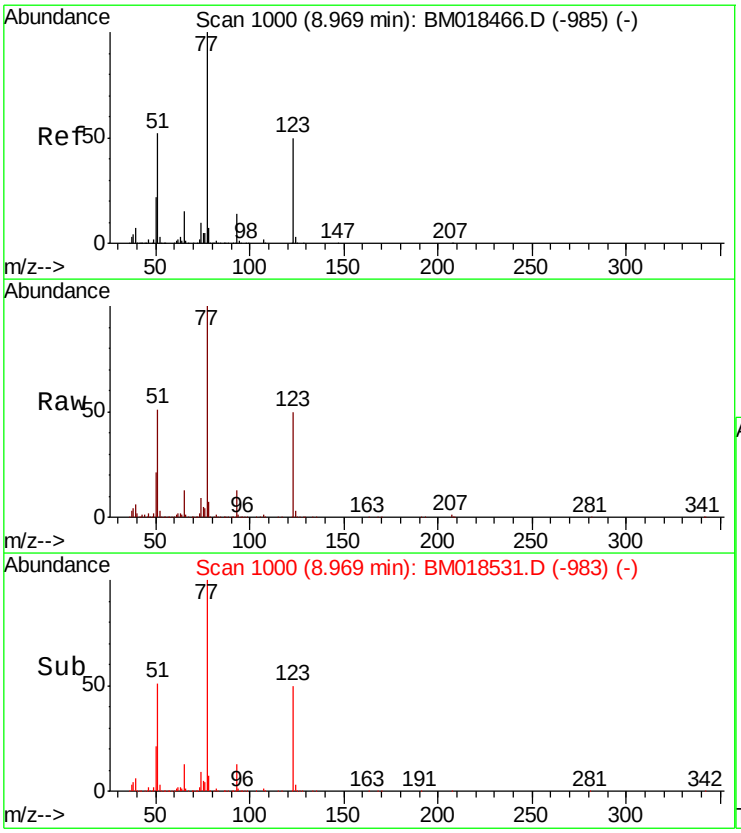

#23
Nitrobenzene-d5
Concen: 63.230 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion: 82 Resp: 2290956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.1 | 36.3 | 54.5 |
| 54 | 49.1 | 41.7 | 62.5 |

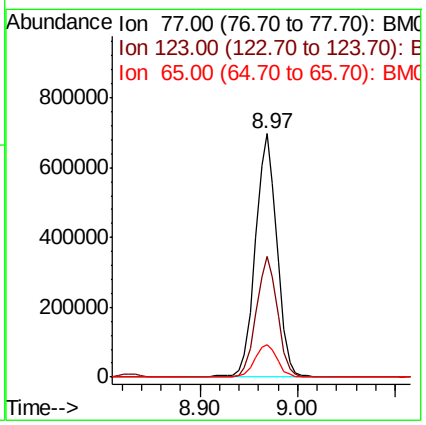


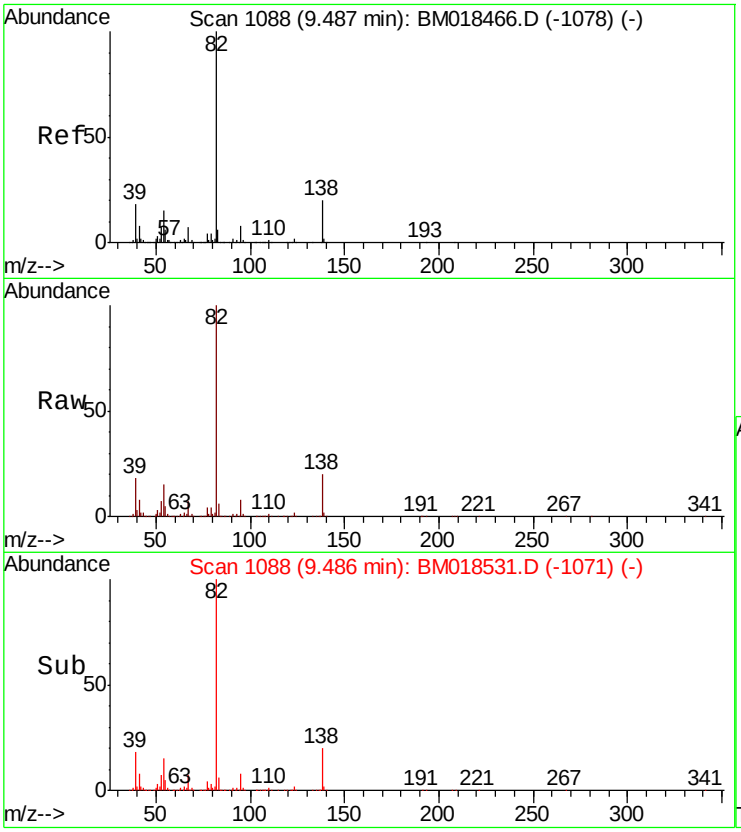




#24
Nitrobenzene
Concen: 30.425 ng
RT: 8.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 77 Resp: 1084643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 49.6 | 37.7 | 56.5 |
| 65 | 13.3 | 11.0 | 16.6 |

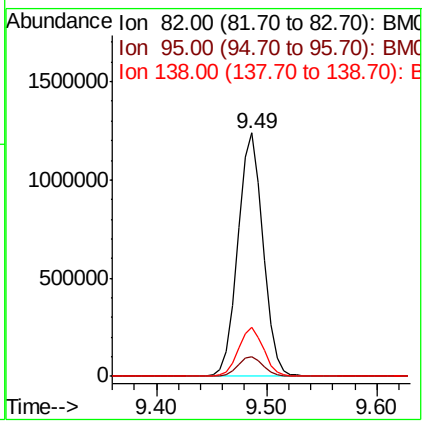




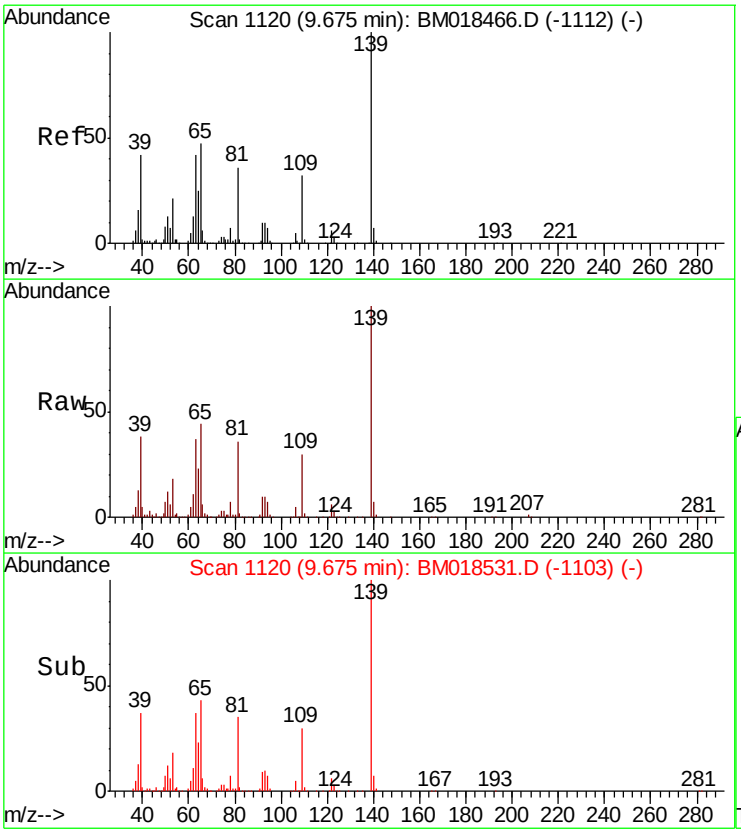

#25
Isophorone
Concen: 36.242 ng
RT: 9.49 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 82 Resp: 1988418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 7.9 | 6.1 | 9.1 |
| 138 | 20.2 | 15.1 | 22.7 |



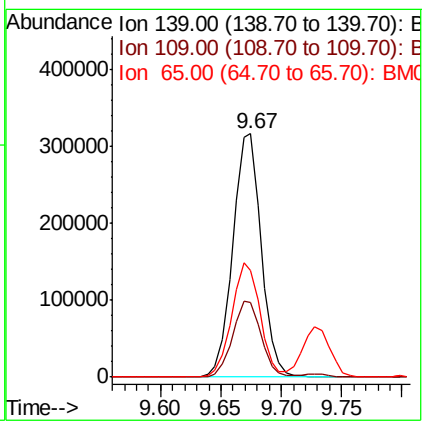

**Instrument :**
BNA_M
**ClientSampleId :**

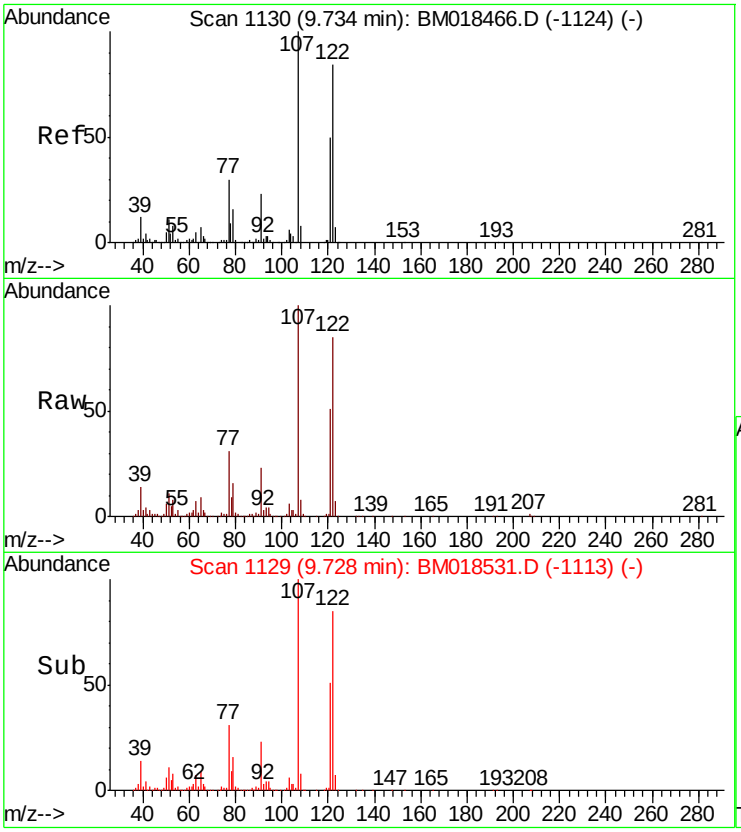



#26
2-Nitrophenol
Concen: 30.095 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:139 Resp: 518787

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 30.5 | 23.4 | 35.2 |
| 65 | 43.6 | 39.4 | 59.2 |



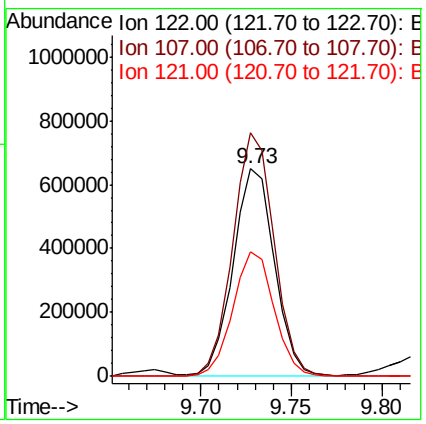


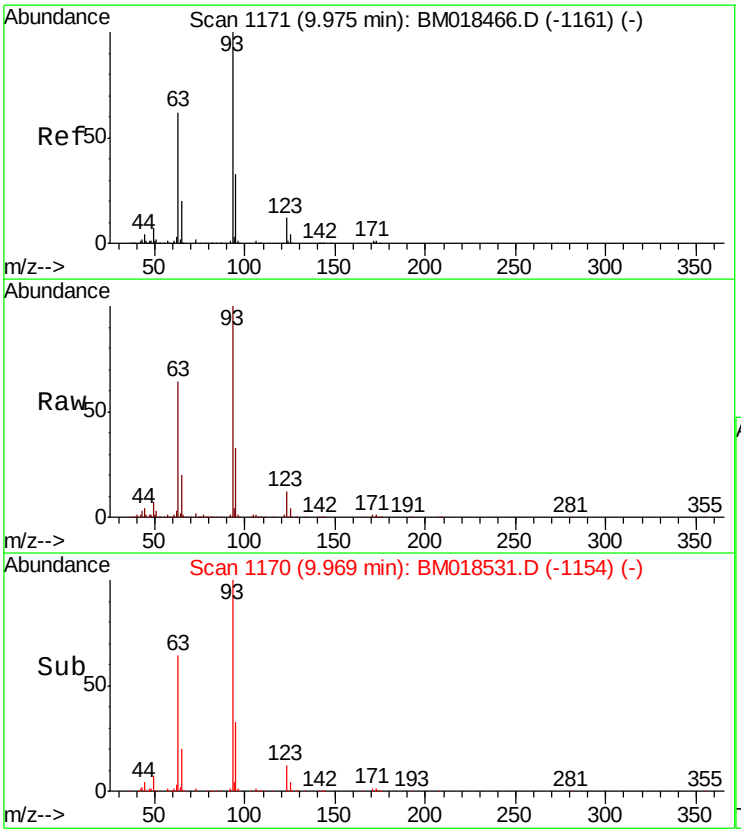

#27
2,4-Dimethylphenol
Concen: 39.533 ng
RT: 9.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:122 Resp: 1021460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 117.5 | 91.9 | 137.9 |
| 121 | 60.2 | 47.5 | 71.3 |

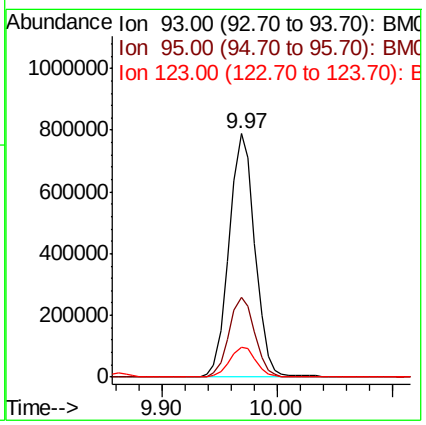


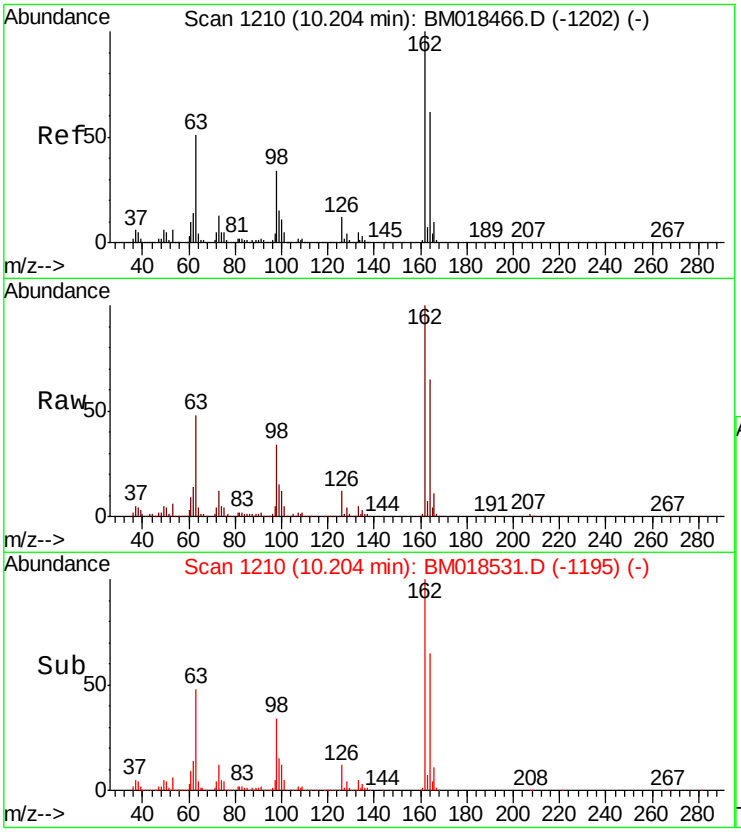




#28
bis(2-Chloroethoxy)methane
Concen: 32.427 ng
RT: 9.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 93 Resp: 1229048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.6 | 26.6 | 39.8 |
| 123 | 12.1 | 9.9 | 14.9 |



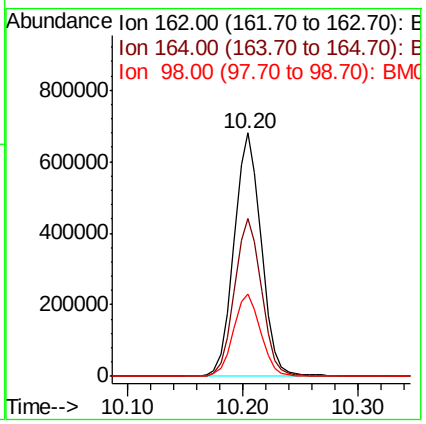


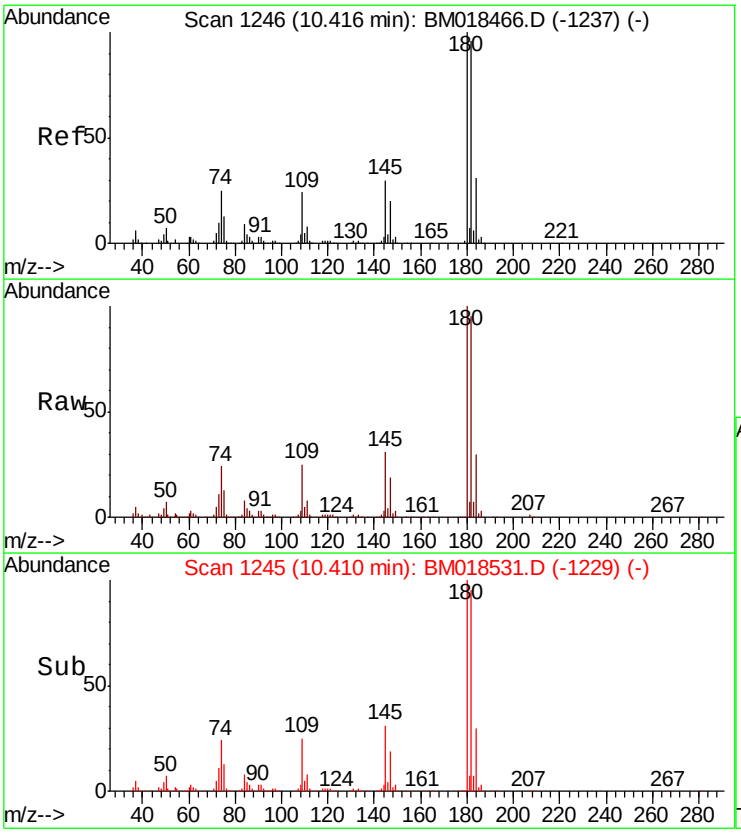

#29
2,4-Dichlorophenol
Concen: 35.890 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:162 Resp: 1104214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 64.9 | 45.6 | 85.6 |
| 98 | 33.8 | 14.7 | 54.7 |

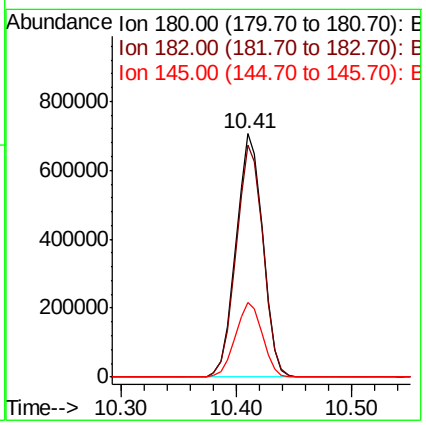


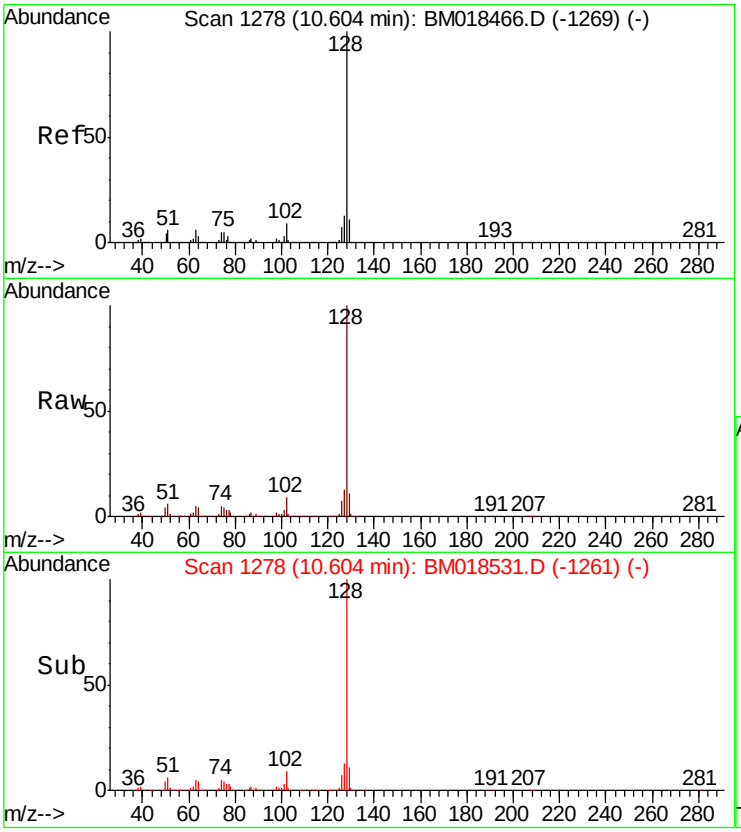




#30
1,2,4-Trichlorobenzene
Concen: 29.654 ng
RT: 10.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:180 Resp: 1132437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 180 | 100 | | |
| 182 | 95.3 | 77.4 | 116.2 |
| 145 | 30.7 | 24.6 | 37.0 |



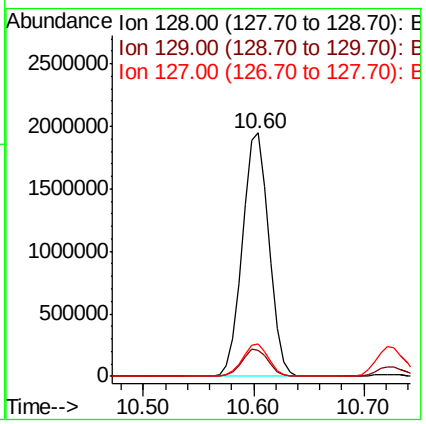


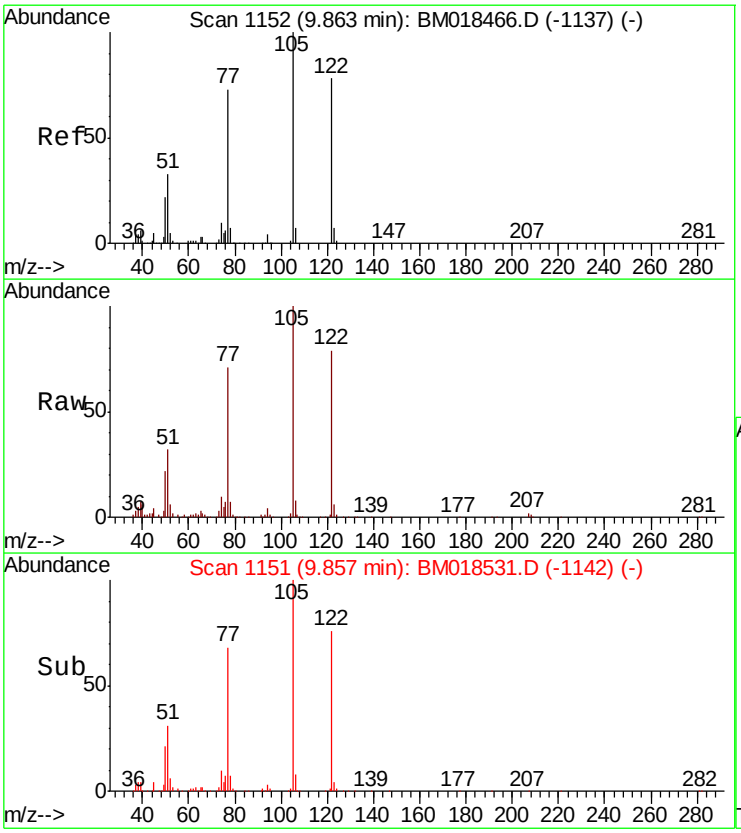

#31
Naphthalene
Concen: 32.524 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:128 Resp: 3290065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.7 | 13.1 |
| 127 | 13.3 | 10.8 | 16.2 |

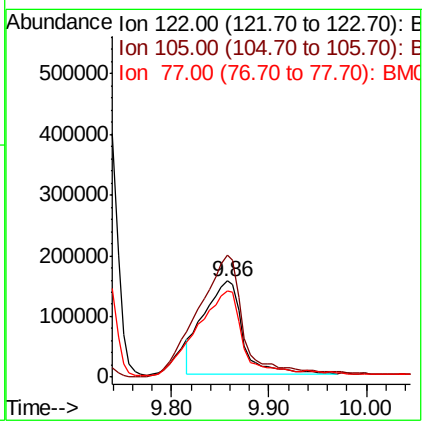


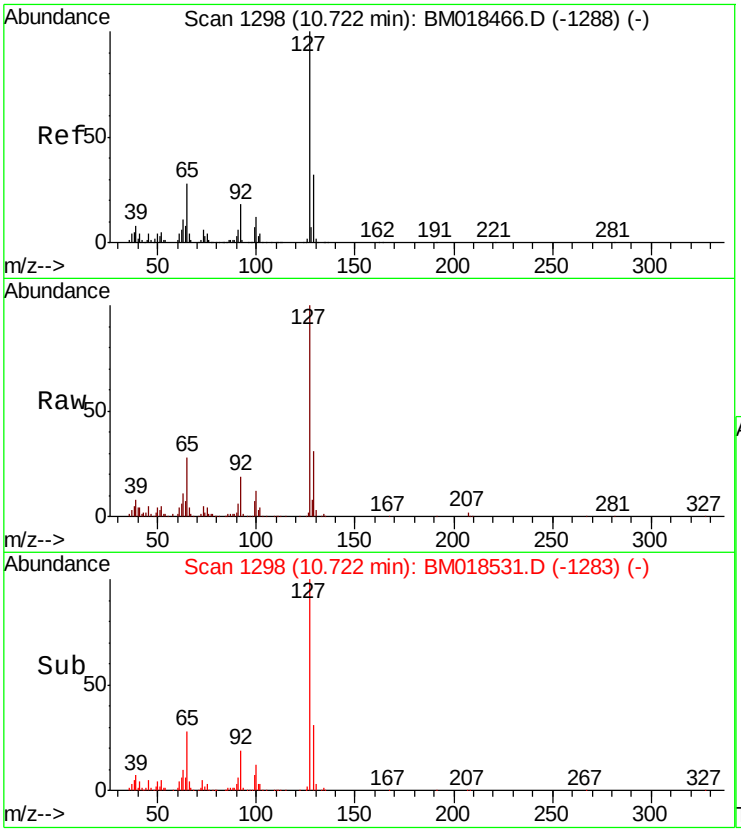




#32
Benzoic acid
Concen: 27.515 ng
RT: 9.86 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:122 Resp: 422832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 127.3 | 100.4 | 140.4 |
| 77 | 89.9 | 71.7 | 111.7 |



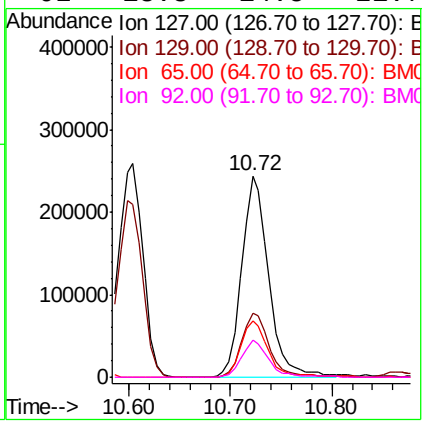


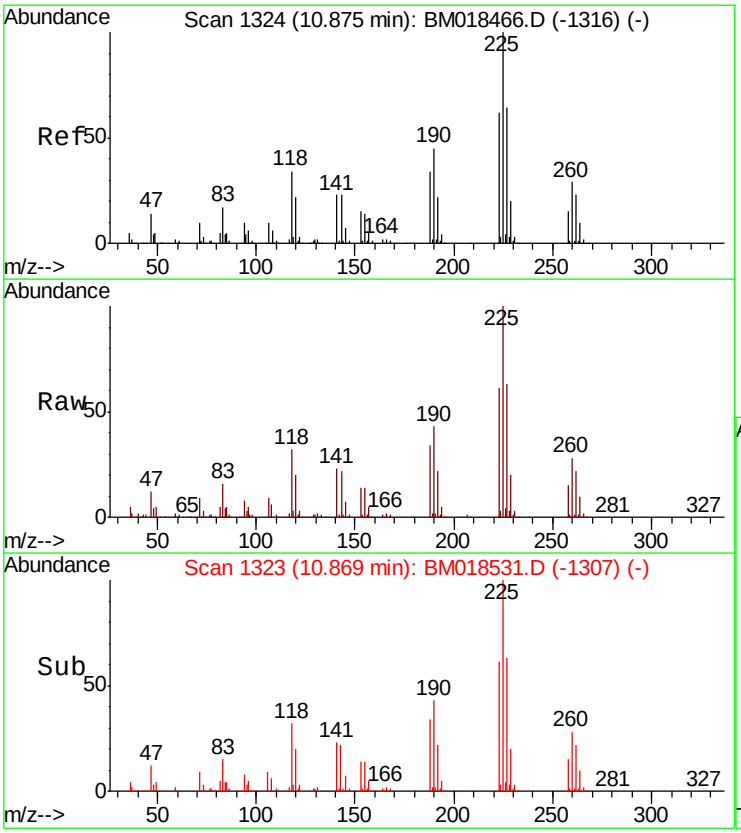

#33
4-Chloroaniline
Concen: 11.259 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:127 Resp: 448542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 31.5 | 25.9 | 38.9 |
| 65 | 27.9 | 23.4 | 35.2 |
| 92 | 18.8 | 14.5 | 21.7 |

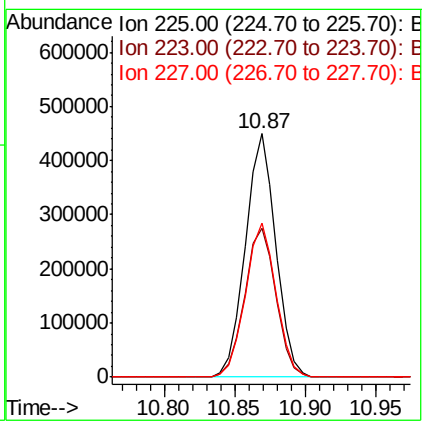


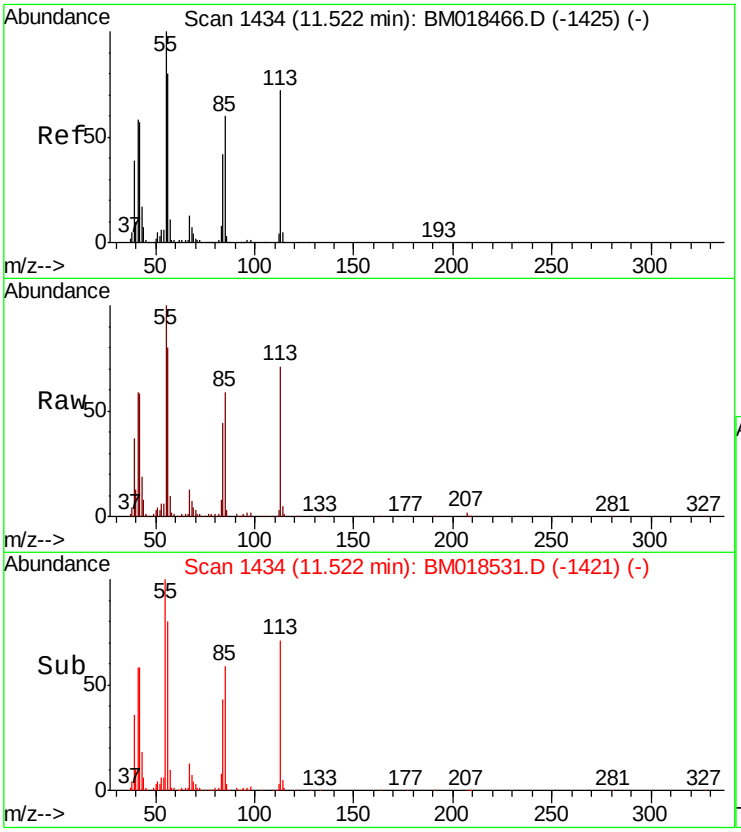




#34
Hexachlorobutadiene
Concen: 28.171 ng
RT: 10.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:225 Resp: 679630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 61.1 | 50.8 | 76.2 |
| 227 | 63.2 | 50.4 | 75.6 |



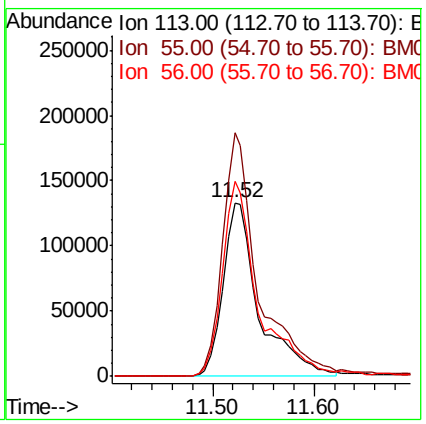


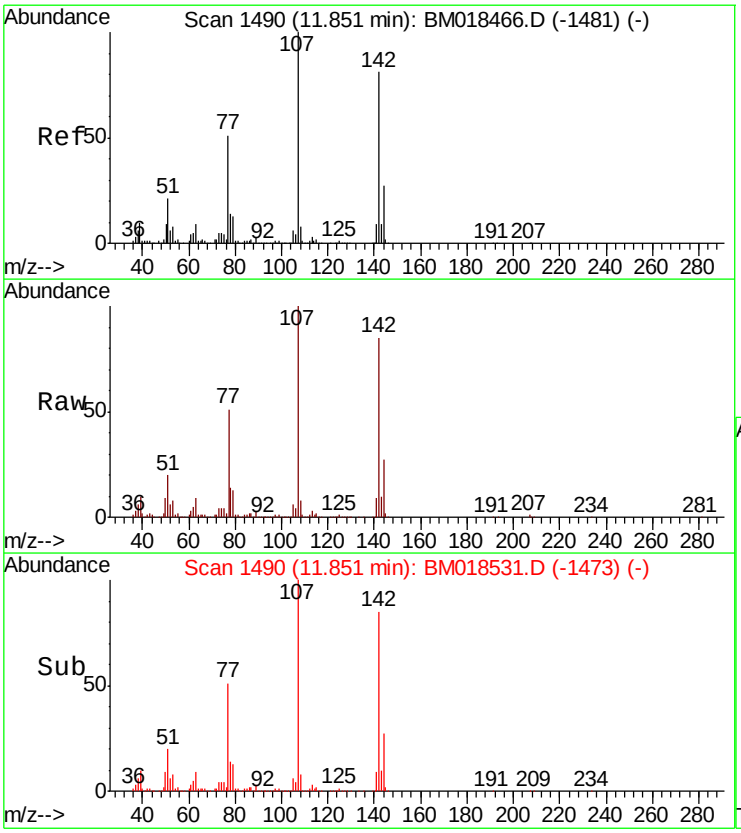

#35
Caprolactam
Concen: 31.398 ng
RT: 11.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:113 Resp: 328437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 140.6 | 139.3 | 179.3 |
| 56 | 112.8 | 101.4 | 141.4 |

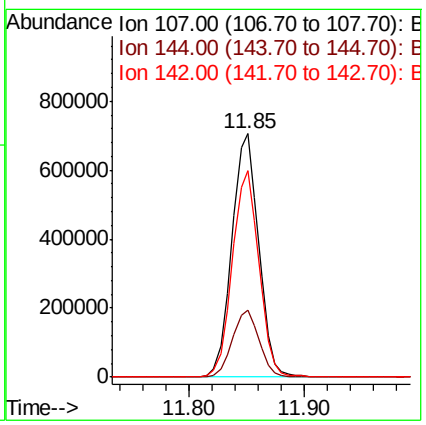


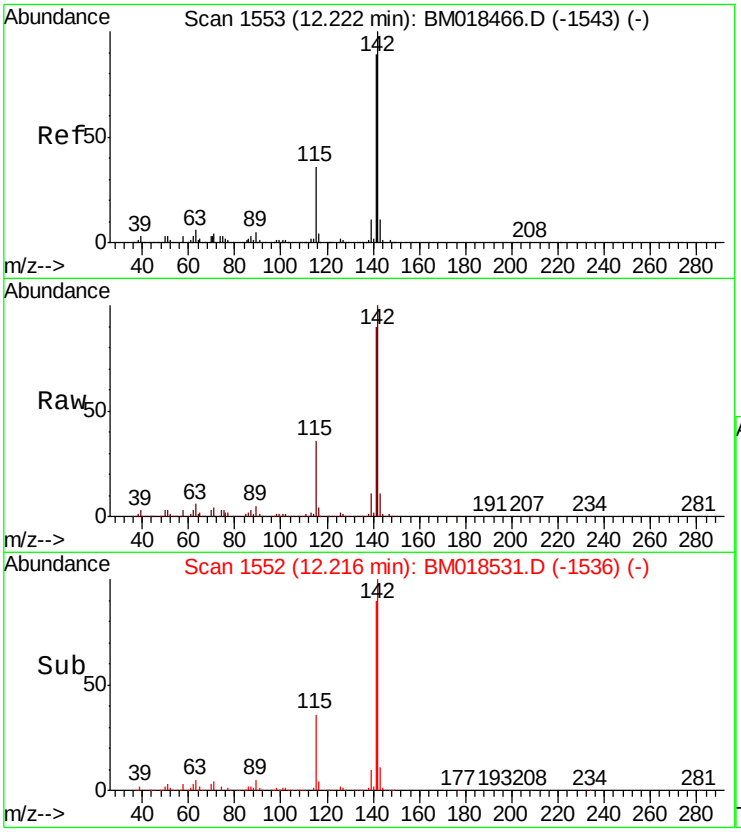




#36
4-Chloro-3-methylphenol
Concen: 35.196 ng
RT: 11.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:107 Resp: 1136061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 27.4 | 21.9 | 32.9 |
| 142 | 84.8 | 67.9 | 101.9 |



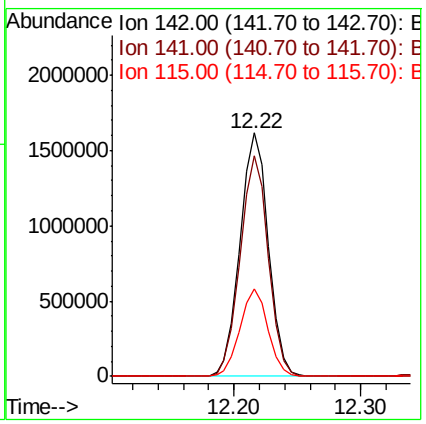


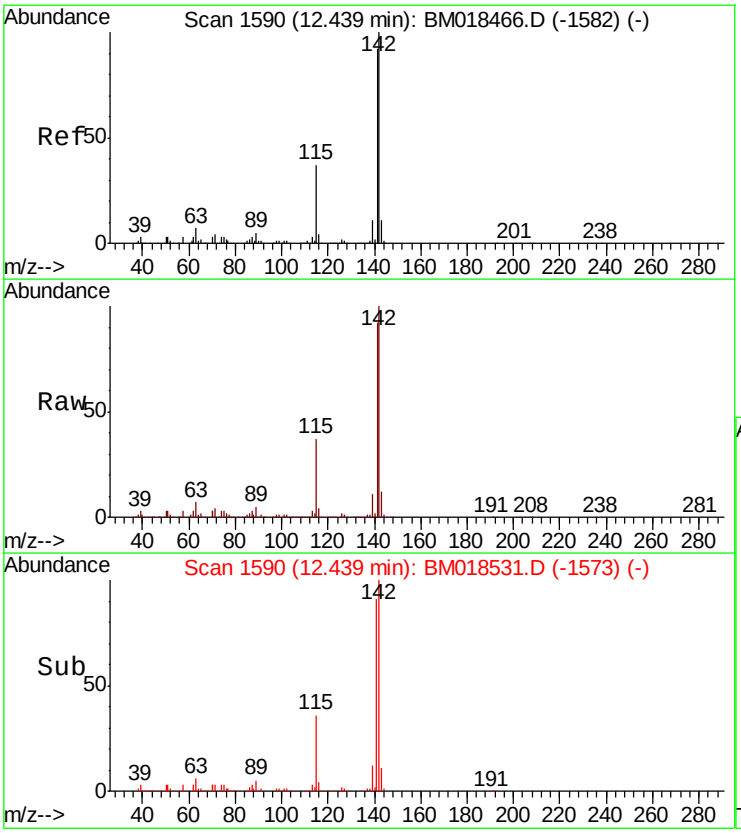

#37
2-Methylnaphthalene
Concen: 35.022 ng
RT: 12.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:142 Resp: 2503054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.3 | 71.4 | 107.2 |
| 115 | 35.8 | 28.0 | 42.0 |

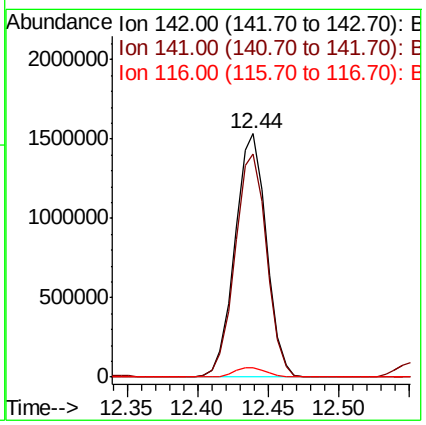


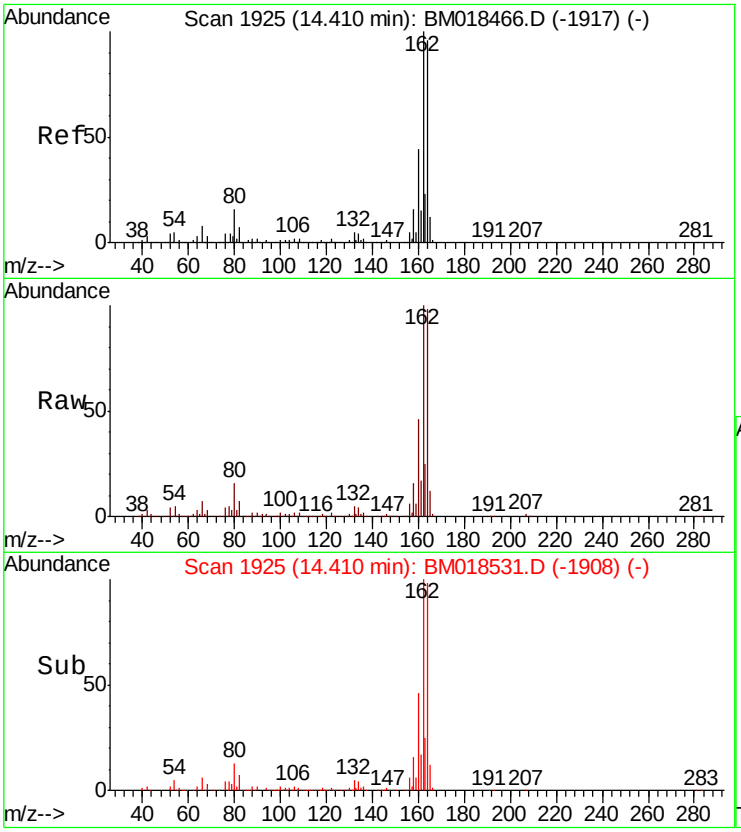




#38
1-Methylnaphthalene
Concen: 34.382 ng
RT: 12.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:142 Resp: 2377604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.7 | 75.6 | 113.4 |
| 116 | 3.8 | 3.0 | 4.6 |



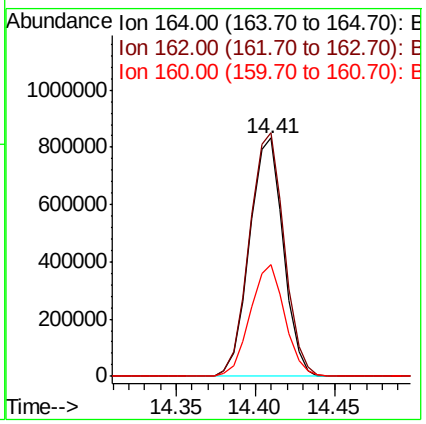


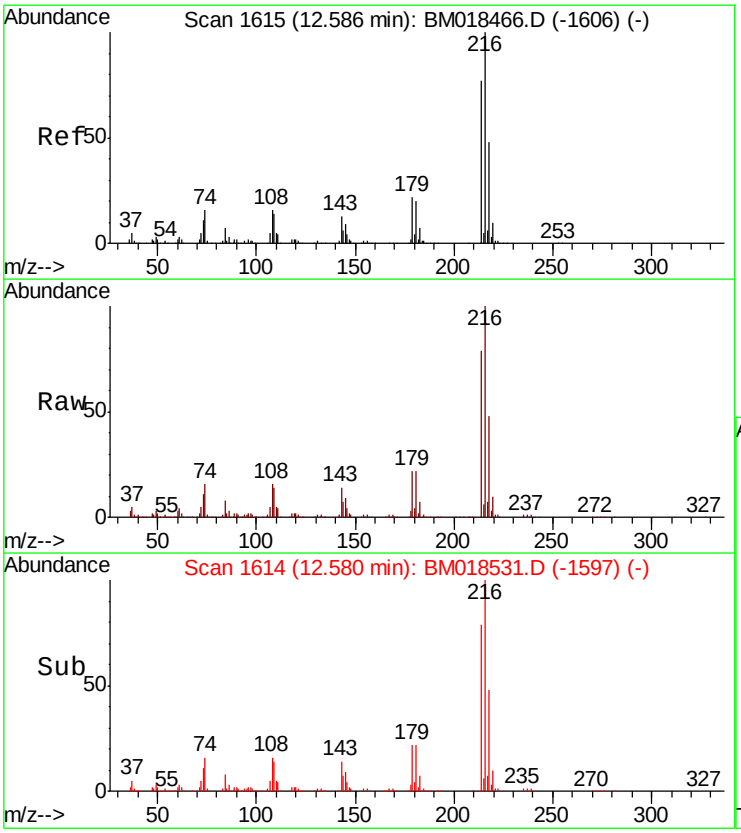

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:164 Resp: 1233879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.2 | 83.0 | 124.4 |
| 160 | 46.9 | 37.1 | 55.7 |

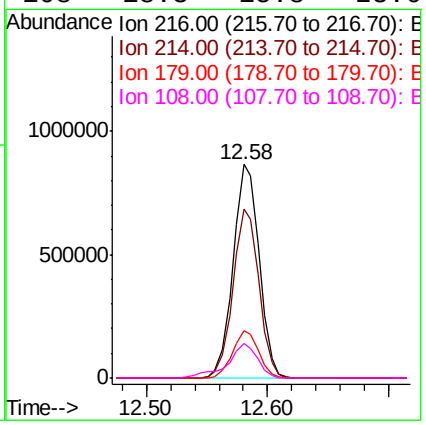


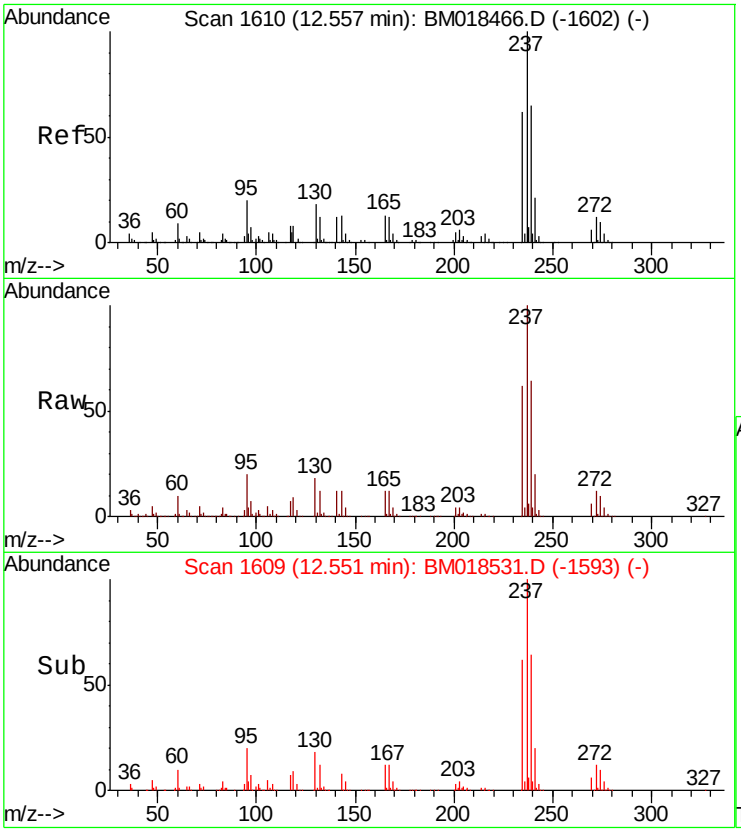




#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.109 ng
RT: 12.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:216 Resp: 1299147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 216 | 100 | | |
| 214 | 79.0 | 63.4 | 95.0 |
| 179 | 22.2 | 17.9 | 26.9 |
| 108 | 18.3 | 15.8 | 23.6 |



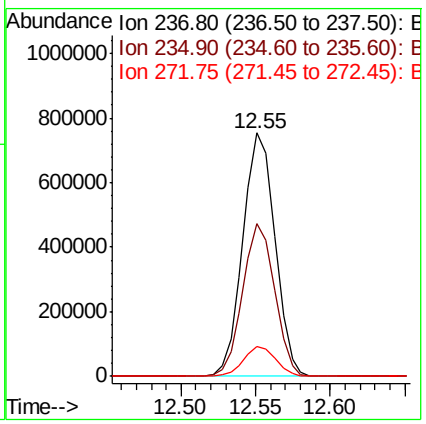


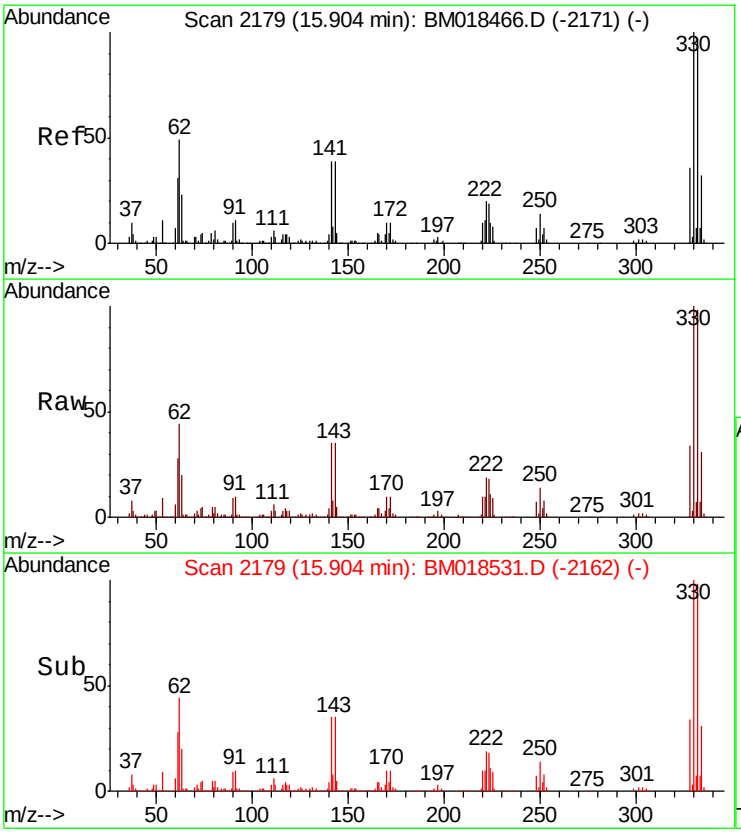

#41
Hexachlorocyclopentadiene
Concen: 47.374 ng
RT: 12.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:237 Resp: 1121855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 62.5 | 42.8 | 82.8 |
| 272 | 12.0 | 0.0 | 31.9 |

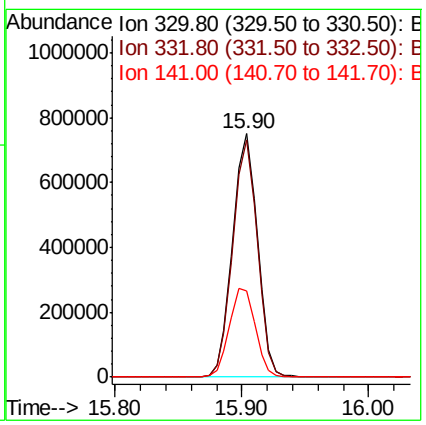


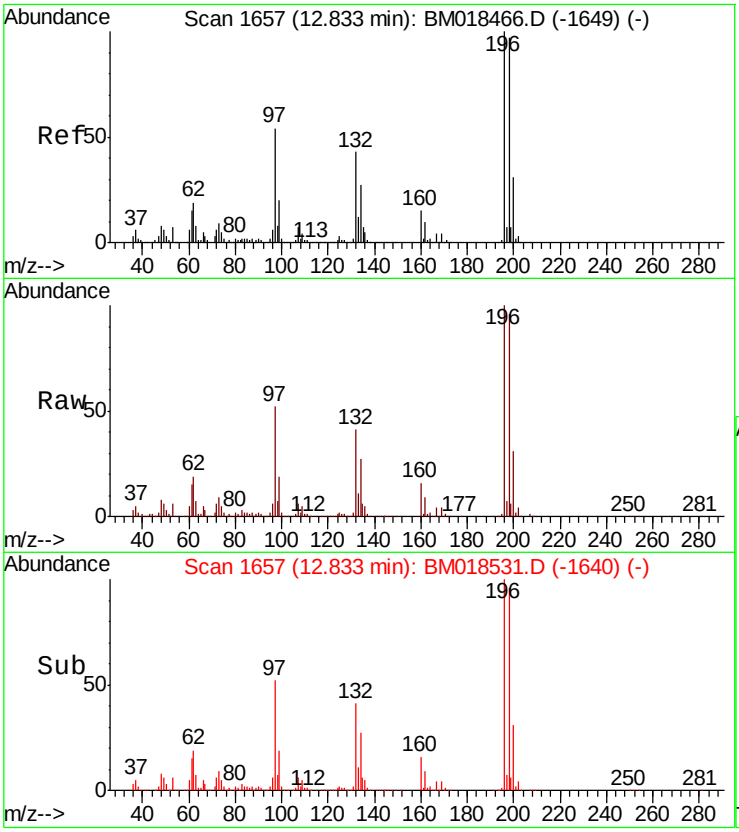




#42
2,4,6-Tribromophenol
Concen: 65.031 ng
RT: 15.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:330 Resp: 1021679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 77.6 | 116.4 |
| 141 | 38.1 | 31.7 | 47.5 |



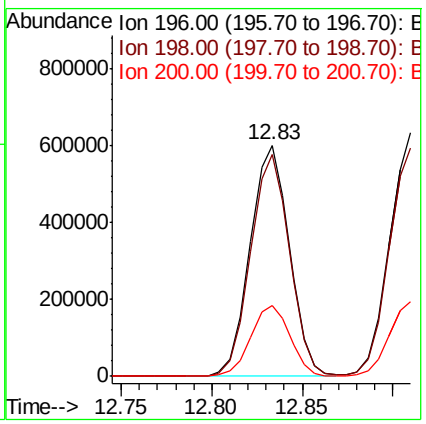


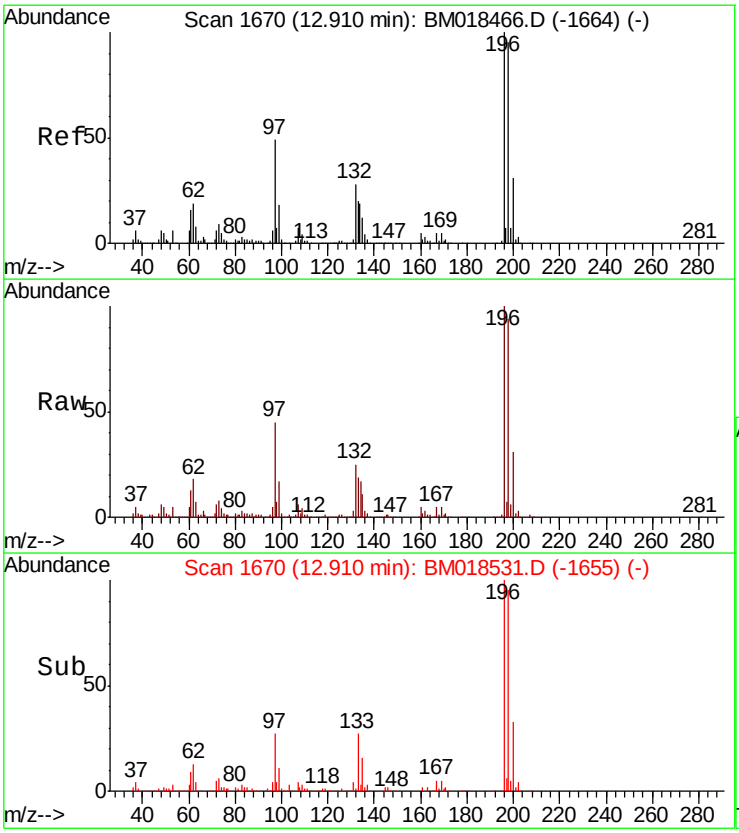

#43
2,4,6-Trichlorophenol
Concen: 34.480 ng
RT: 12.83 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:196 Resp: 903439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 96.1 | 76.6 | 115.0 |
| 200 | 30.6 | 24.2 | 36.4 |

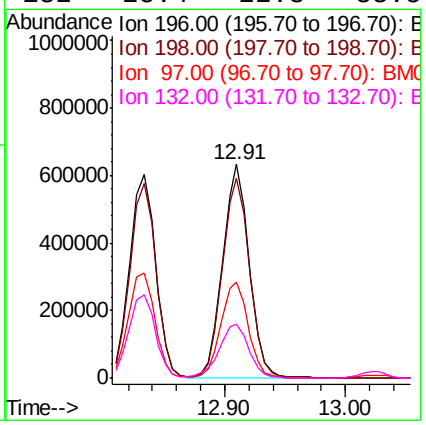


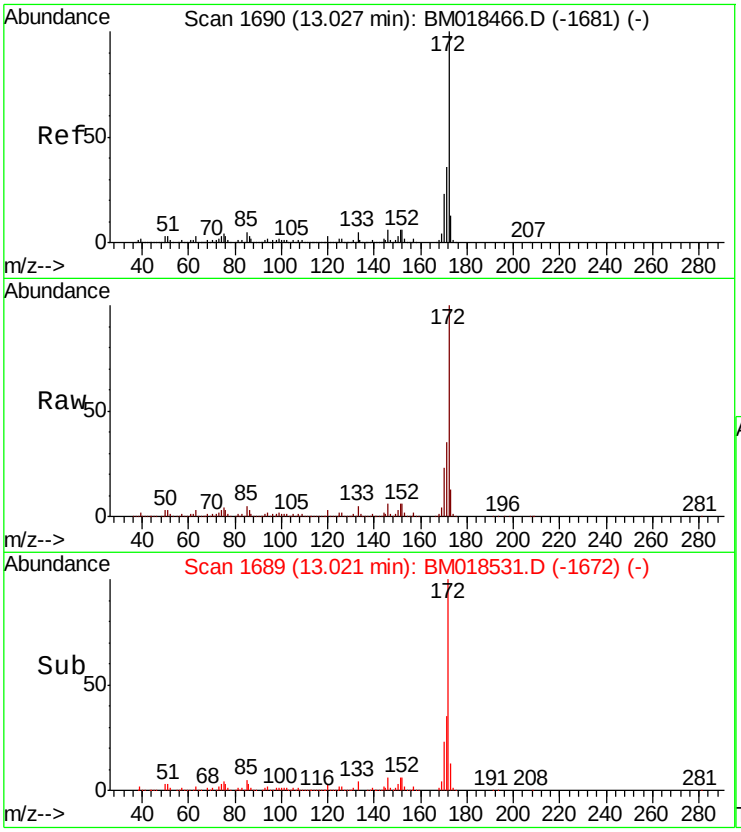




#44
2,4,5-Trichlorophenol
Concen: 34.890 ng
RT: 12.91 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:196 Resp: 961470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 93.7 | 76.7 | 115.1 |
| 97 | 44.7 | 39.2 | 58.8 |
| 132 | 25.4 | 22.3 | 33.5 |



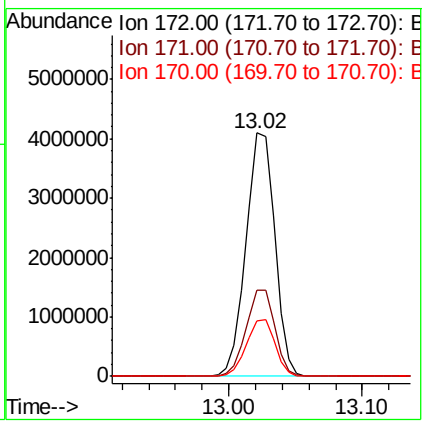


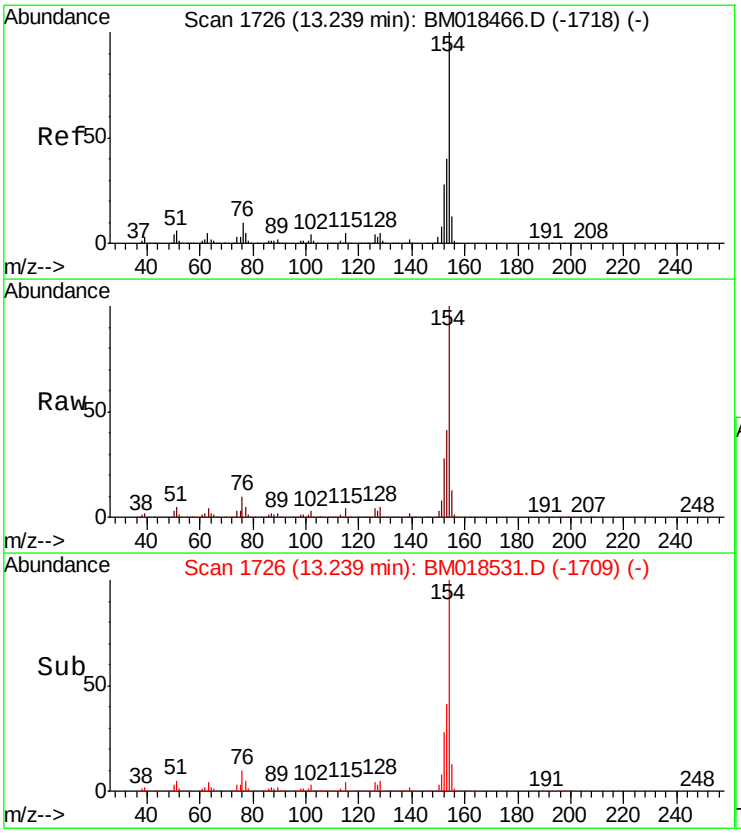

#45
2-Fluorobiphenyl
Concen: 64.417 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:172 Resp: 6091278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.2 | 42.4 |
| 170 | 23.0 | 18.9 | 28.3 |

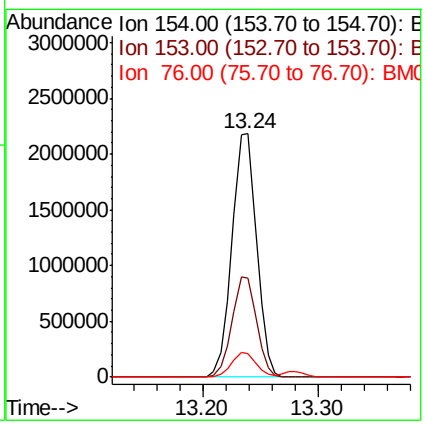


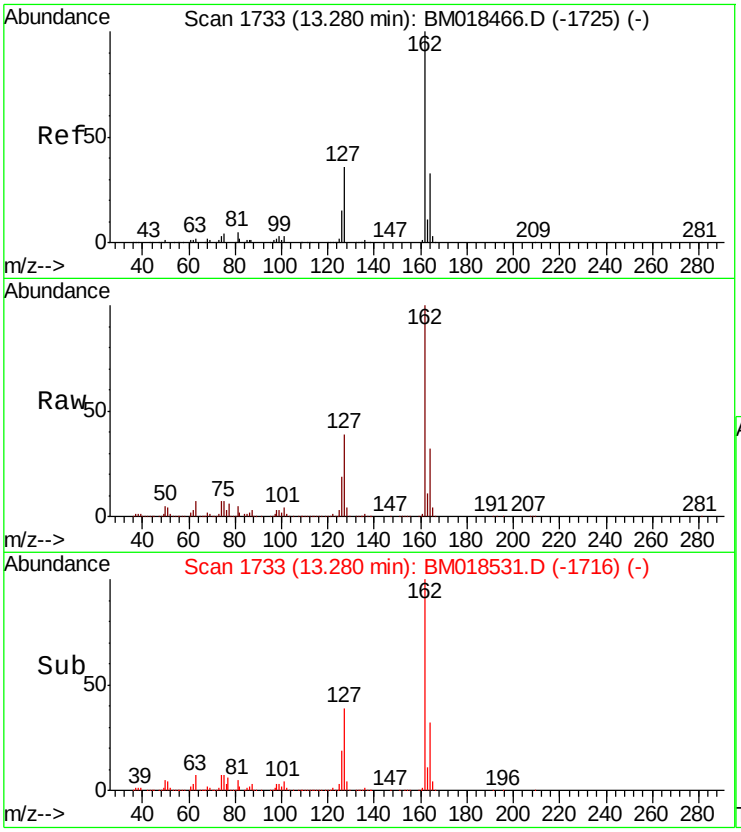




#46
1,1'-Biphenyl
Concen: 29.981 ng
RT: 13.24 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:154 Resp: 3230084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 40.7 | 20.5 | 60.5 |
| 76 | 9.7 | 0.0 | 31.9 |



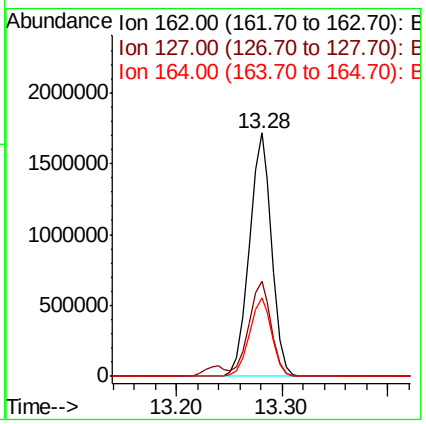


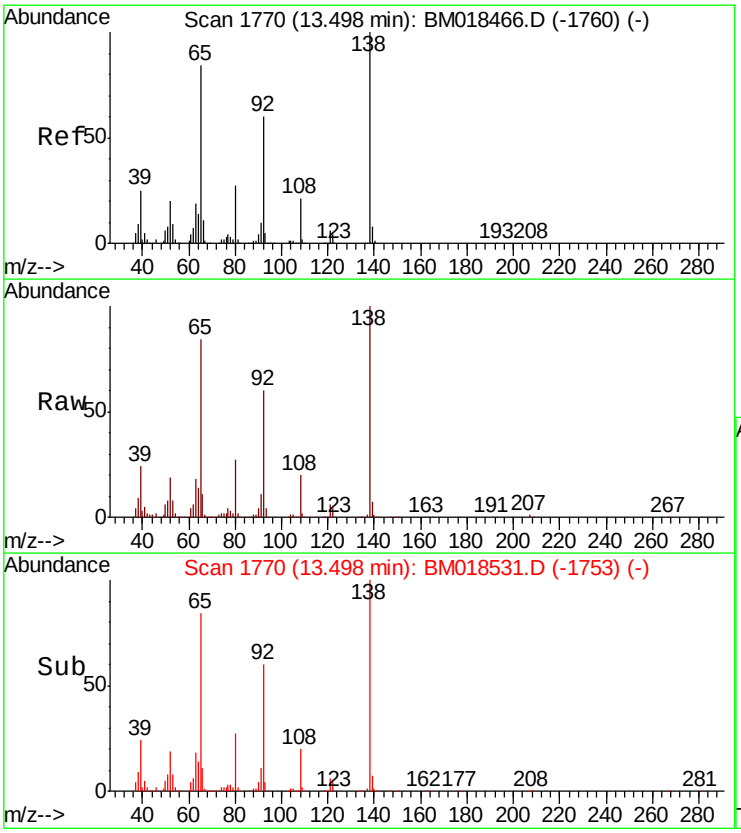

#47
2-Chloronaphthalene
Concen: 30.076 ng
RT: 13.28 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:162 Resp: 2512681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 39.2 | 31.4 | 47.0 |
| 164 | 32.2 | 26.2 | 39.4 |

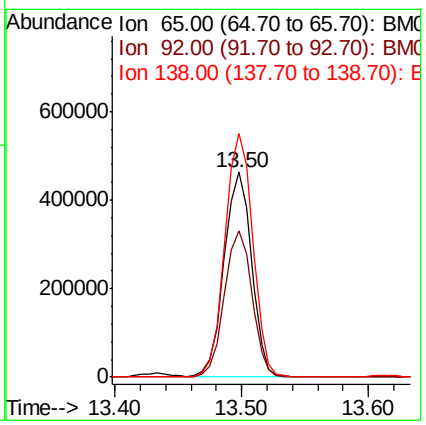


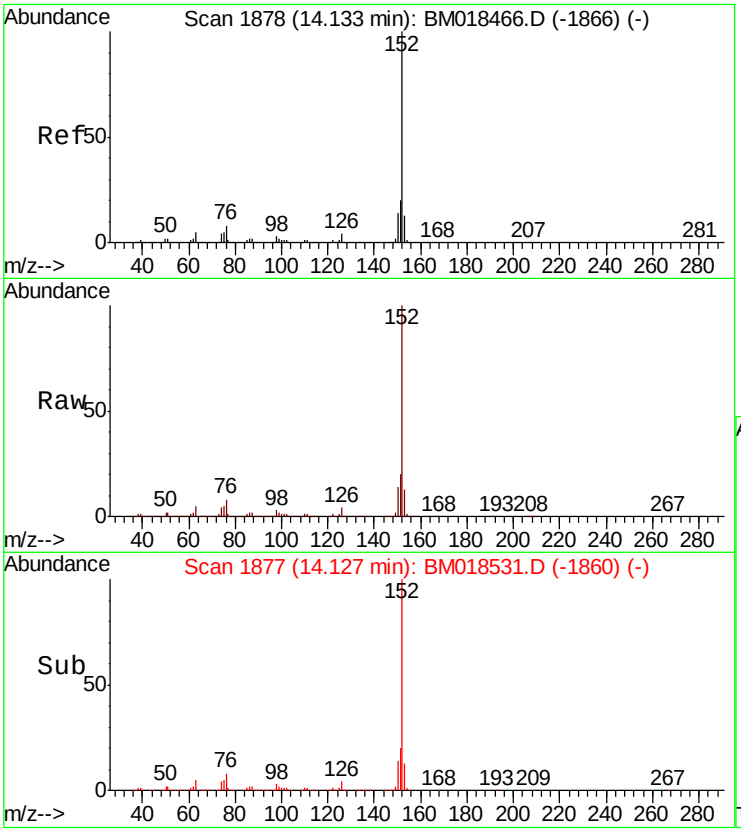




#48
2-Nitroaniline
Concen: 33.698 ng
RT: 13.50 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 65 Resp: 692633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 71.5 | 53.4 | 80.2 |
| 138 | 118.7 | 88.9 | 133.3 |



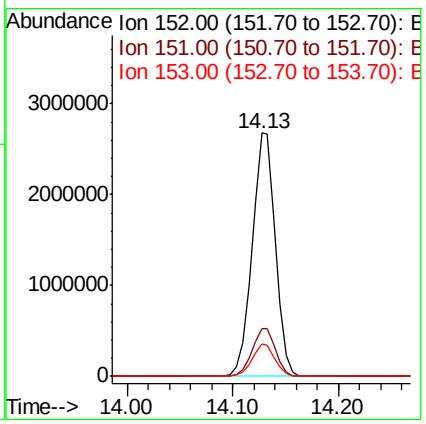


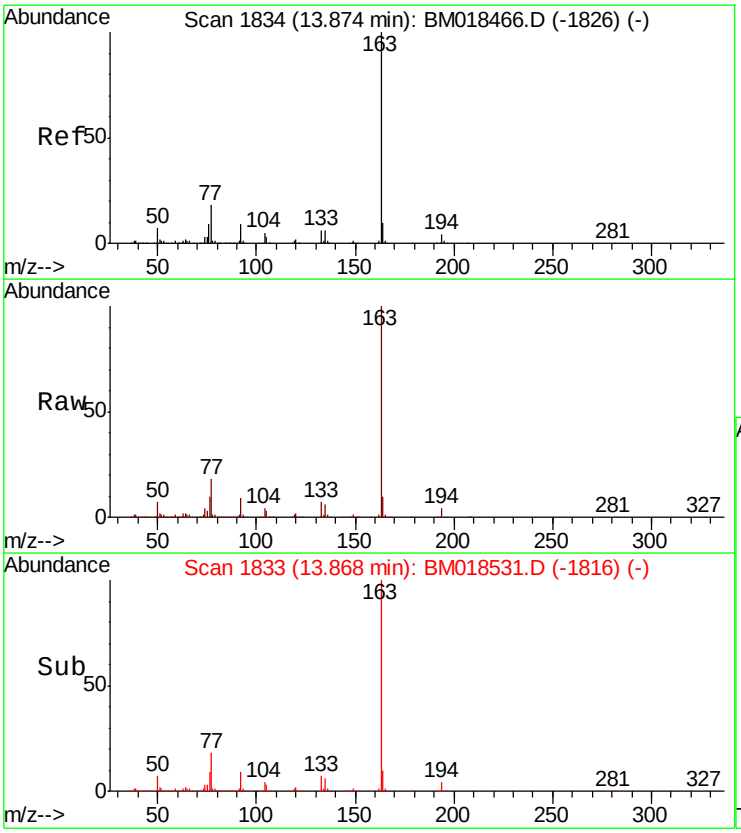

#49
Acenaphthylene
Concen: 33.840 ng
RT: 14.13 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:152 Resp: 4120019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.7 | 23.5 |
| 153 | 13.1 | 10.5 | 15.7 |

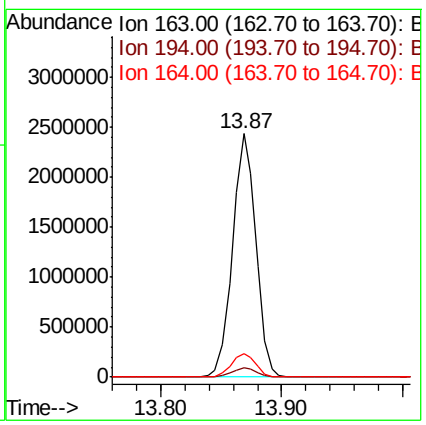


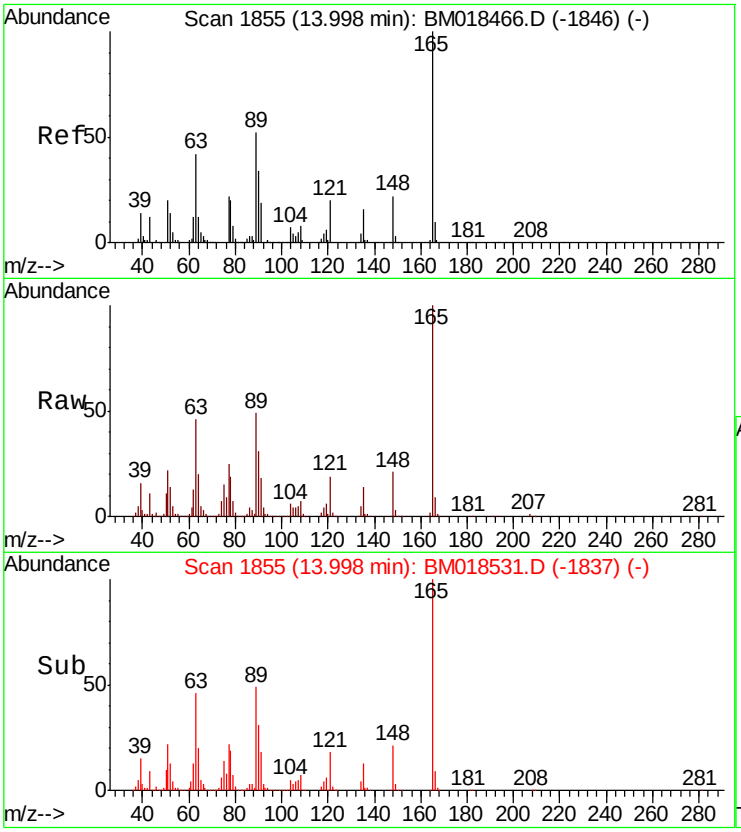




#50
Dimethylphthalate
Concen: 32.229 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:163 Resp: 3265883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.0 | 4.6 |
| 164 | 9.9 | 7.8 | 11.8 |



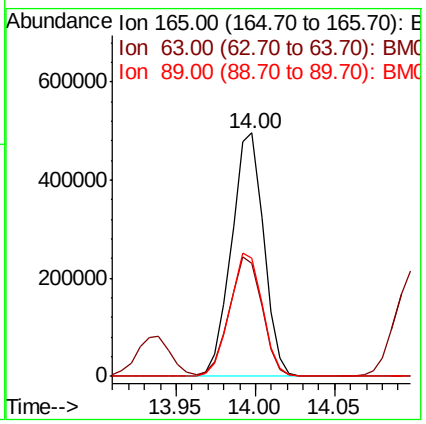


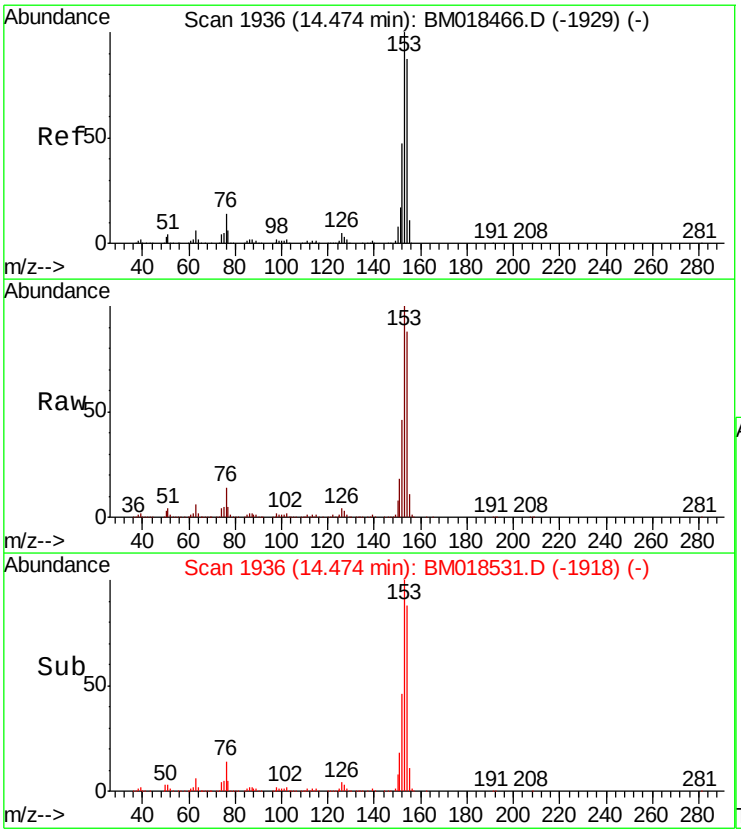

#51
2,6-Dinitrotoluene
Concen: 32.688 ng
RT: 14.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:165 Resp: 701656

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 46.3 | 45.6 | 68.4 |
| 89 | 48.5 | 44.6 | 66.8 |

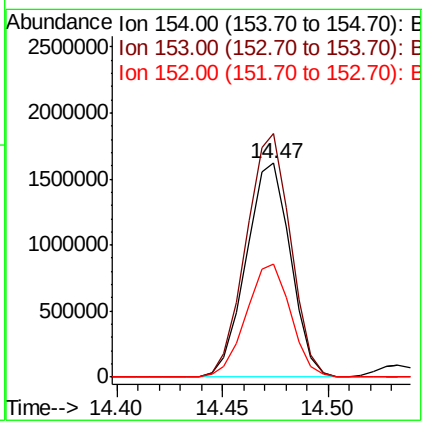


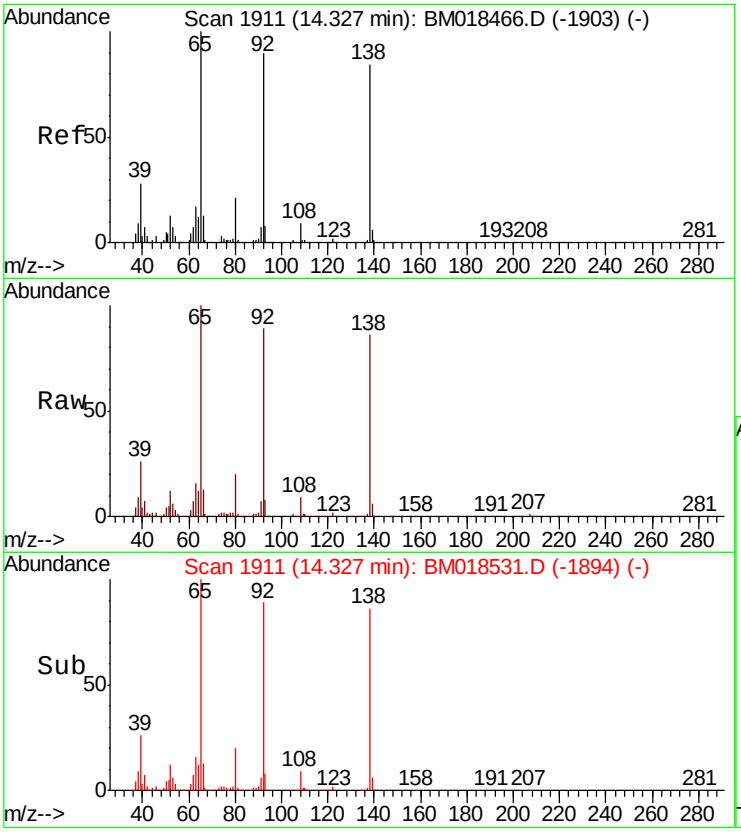




#52
Acenaphthene
Concen: 31.756 ng
RT: 14.47 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:154 Resp: 2365653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.9 | 92.3 | 138.5 |
| 152 | 52.7 | 43.8 | 65.6 |



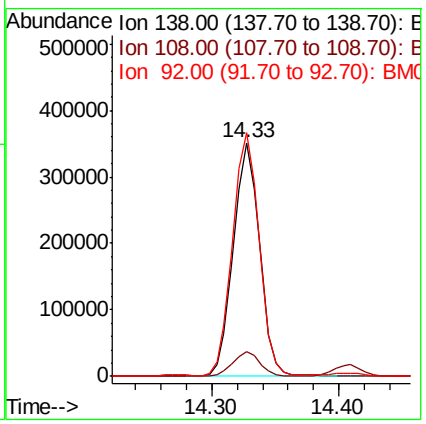


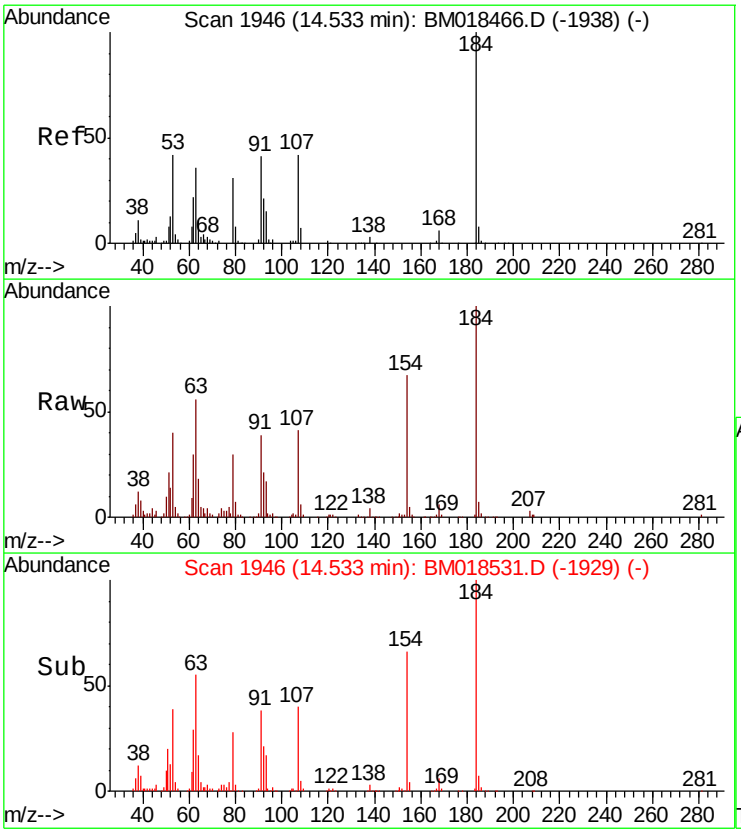

#53
3-Nitroaniline
Concen: 23.390 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:138 Resp: 506161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 10.5 | 9.1 | 13.7 |
| 92 | 104.2 | 88.2 | 132.2 |

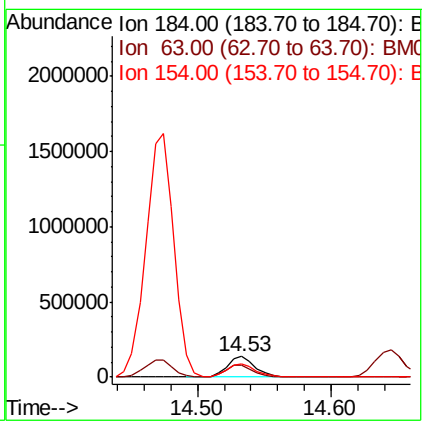


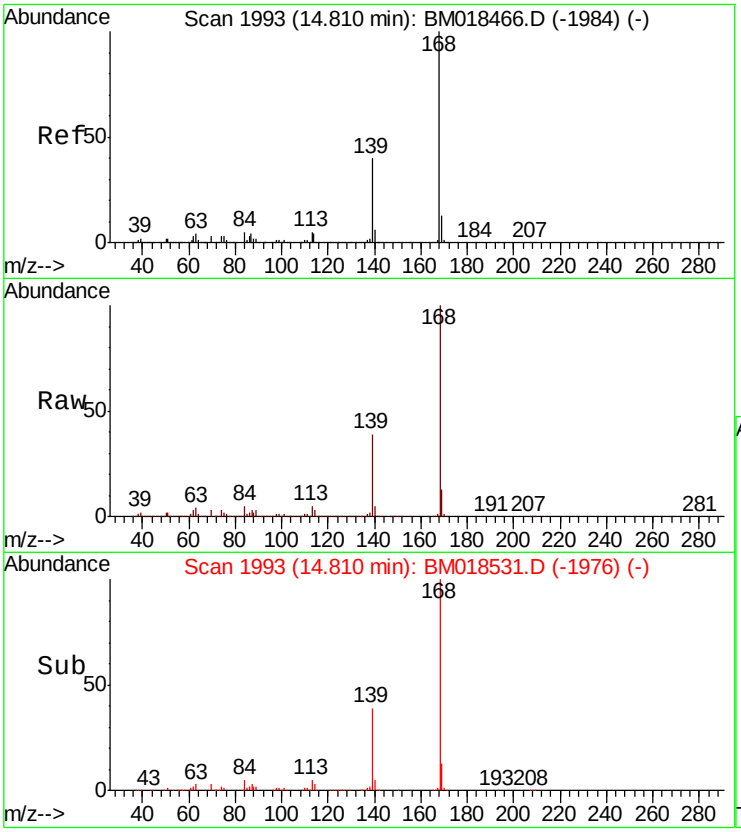




#54
2,4-Dinitrophenol
Concen: 22.935 ng
RT: 14.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:184 Resp: 200915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 55.8 | 55.9 | 83.9# |
| 154 | 66.7 | 54.2 | 81.4 |



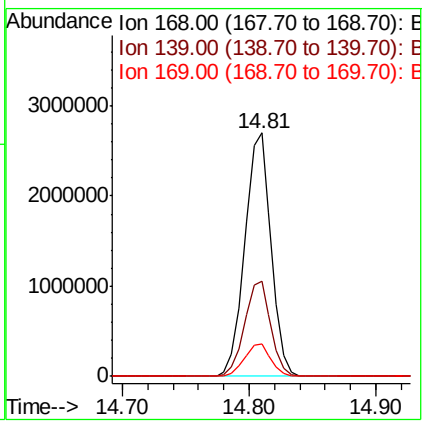


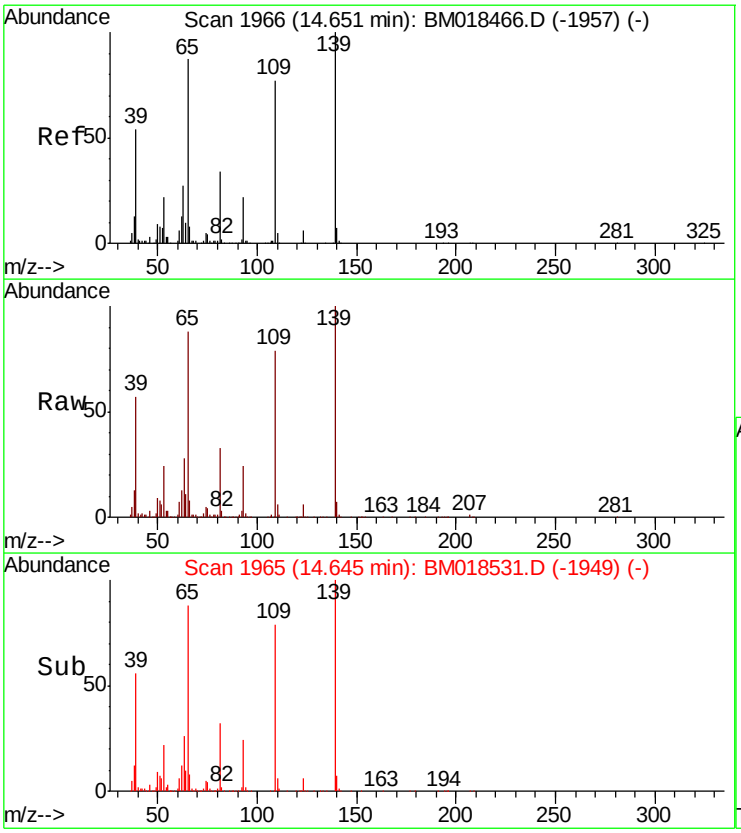

#55
Dibenzofuran
Concen: 31.417 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:168 Resp: 3867045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 39.2 | 30.3 | 45.5 |
| 169 | 13.2 | 10.6 | 16.0 |

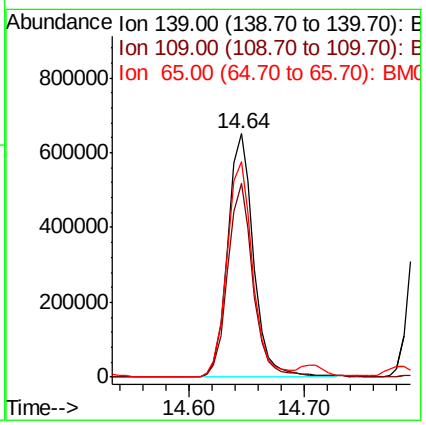


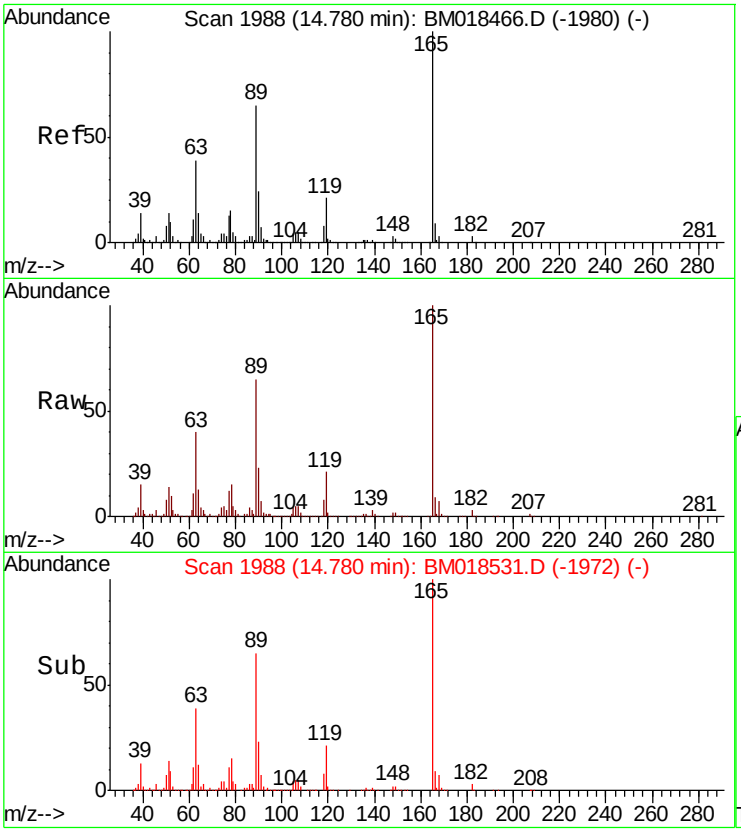




#56
4-Nitrophenol
Concen: 54.061 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:139 Resp: 1010671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 79.3 | 51.7 | 91.7 |
| 65 | 88.3 | 71.4 | 111.4 |



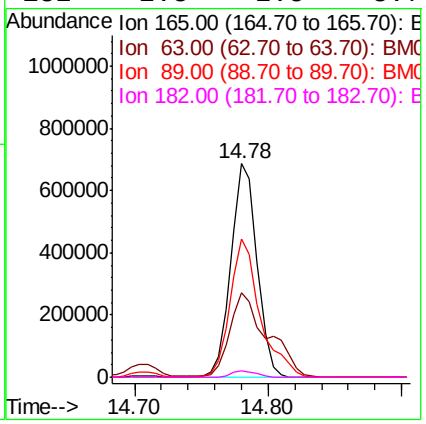


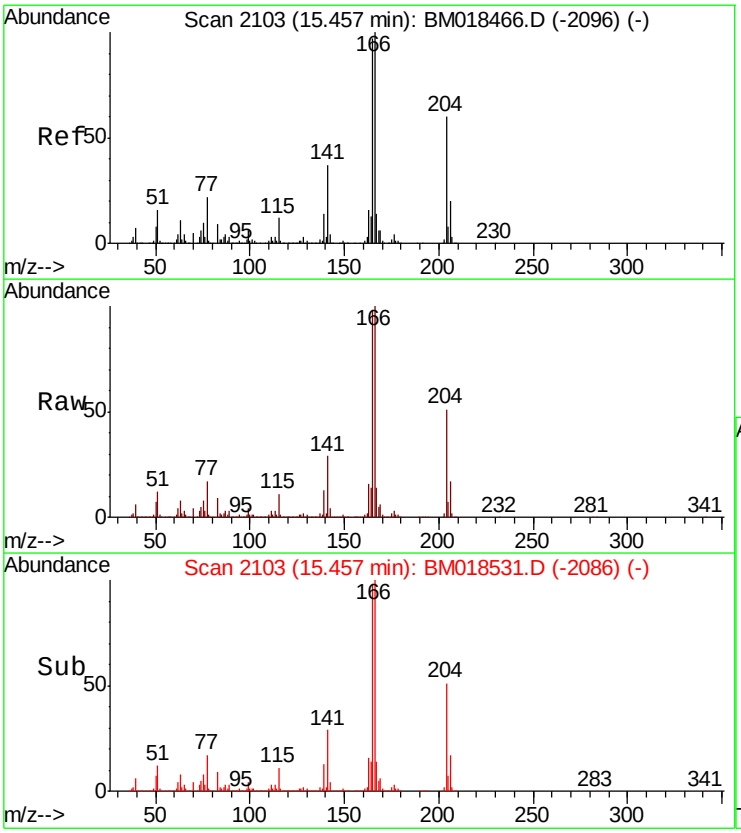

#57
2,4-Dinitrotoluene
Concen: 30.844 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:165 Resp: 936759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 39.9 | 32.2 | 48.2 |
| 89 | 65.0 | 52.1 | 78.1 |
| 182 | 2.8 | 2.5 | 3.7 |

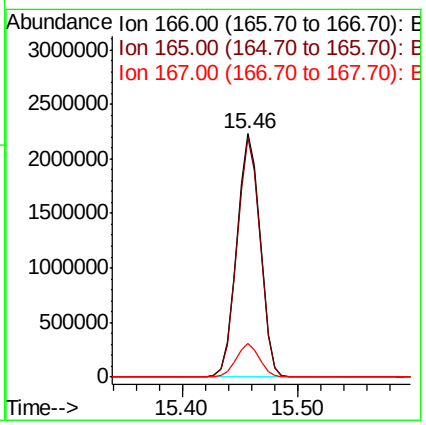


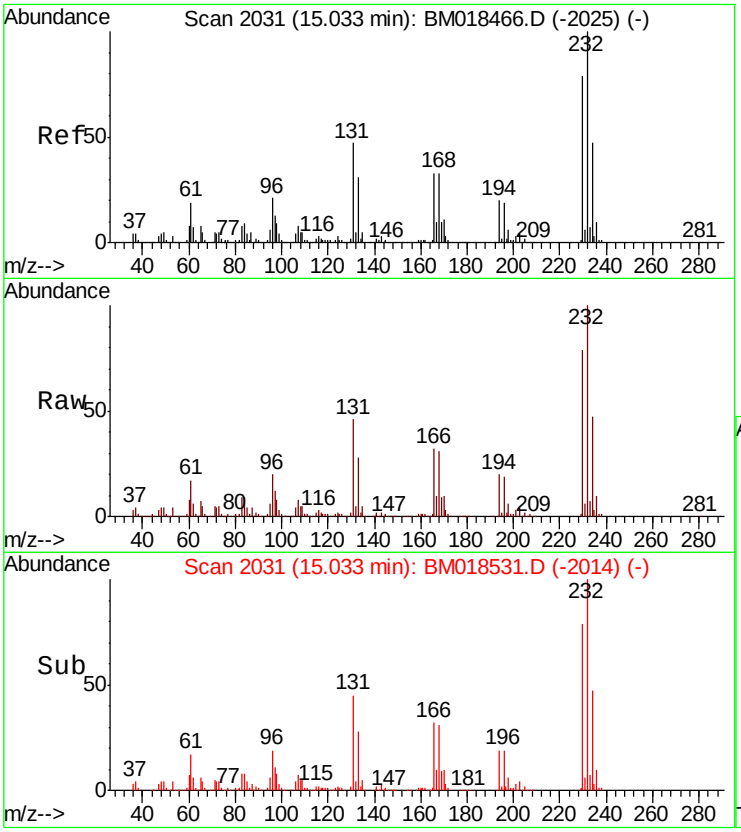




#58
Fluorene
Concen: 34.042 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:166 Resp: 3121345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.3 | 78.3 | 117.5 |
| 167 | 13.7 | 10.9 | 16.3 |



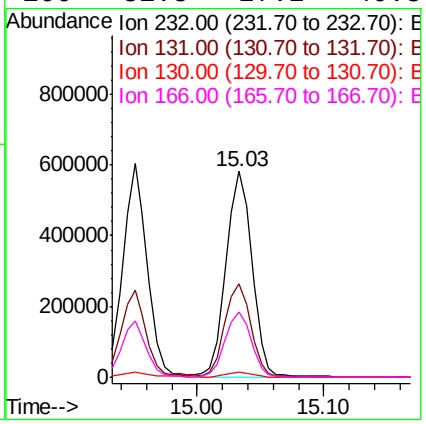


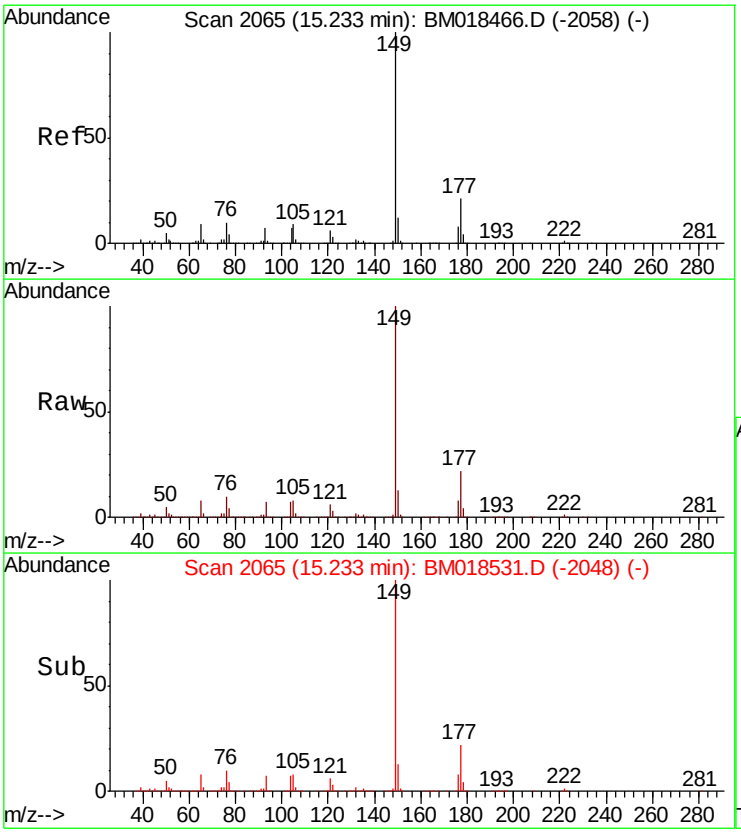

#59
2,3,4,6-Tetrachlorophenol
Concen: 33.475 ng
RT: 15.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:232 Resp: 817665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 45.6 | 38.6 | 57.8 |
| 130 | 2.5 | 2.2 | 3.4 |
| 166 | 31.8 | 27.2 | 40.8 |

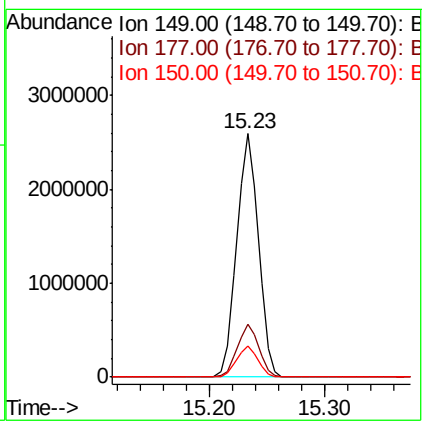


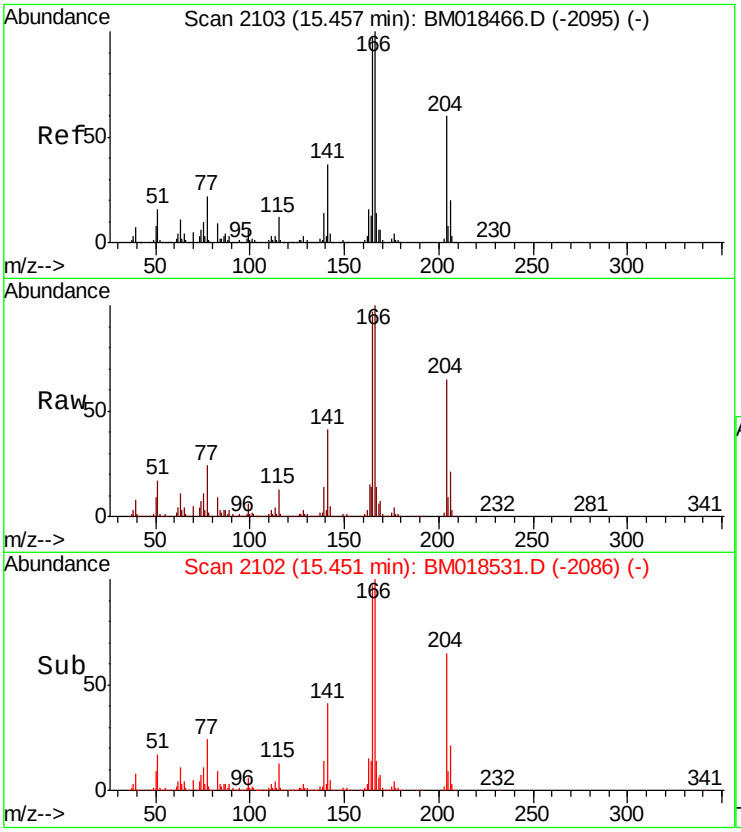




#60
Diethylphthalate
Concen: 32.993 ng
RT: 15.23 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:149 Resp: 3375179

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 21.7 | 17.1 | 25.7 |
| 150 | 12.6 | 9.8 | 14.6 |



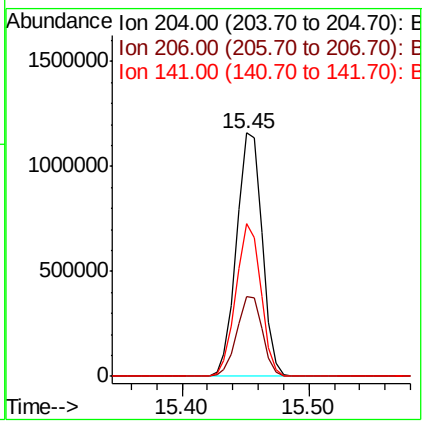


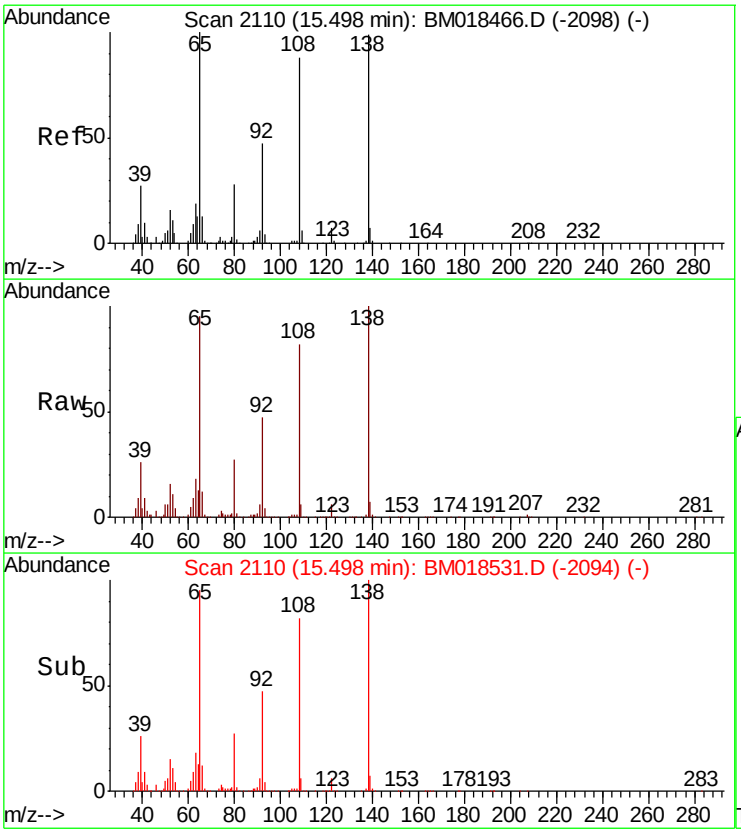

#61
4-Chlorophenyl-phenylether
Concen: 30.538 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:204 Resp: 1613819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.7 | 25.8 | 38.6 |
| 141 | 62.9 | 49.5 | 74.3 |

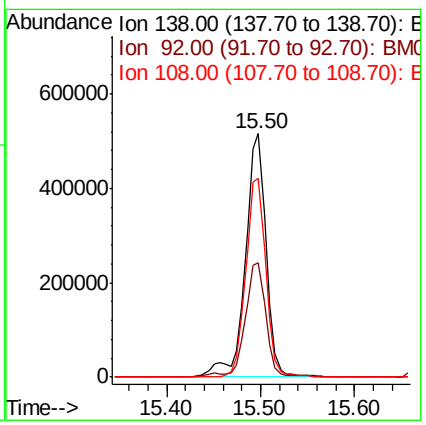


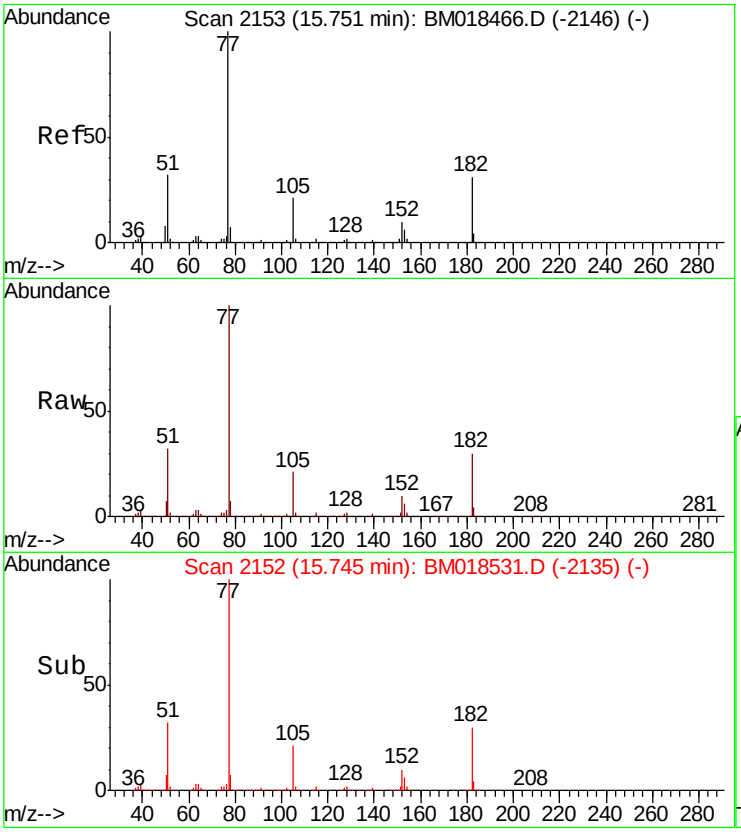




#62
4-Nitroaniline
Concen: 33.575 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:138 Resp: 792512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 47.2 | 29.0 | 69.0 |
| 108 | 81.8 | 63.9 | 103.9 |



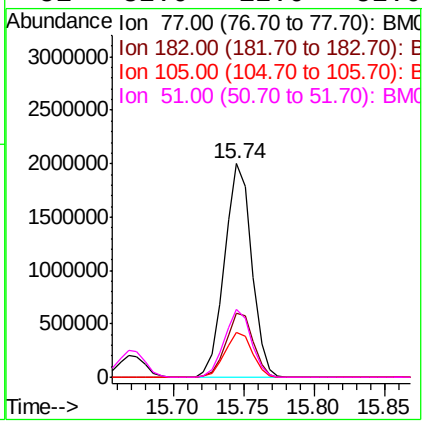


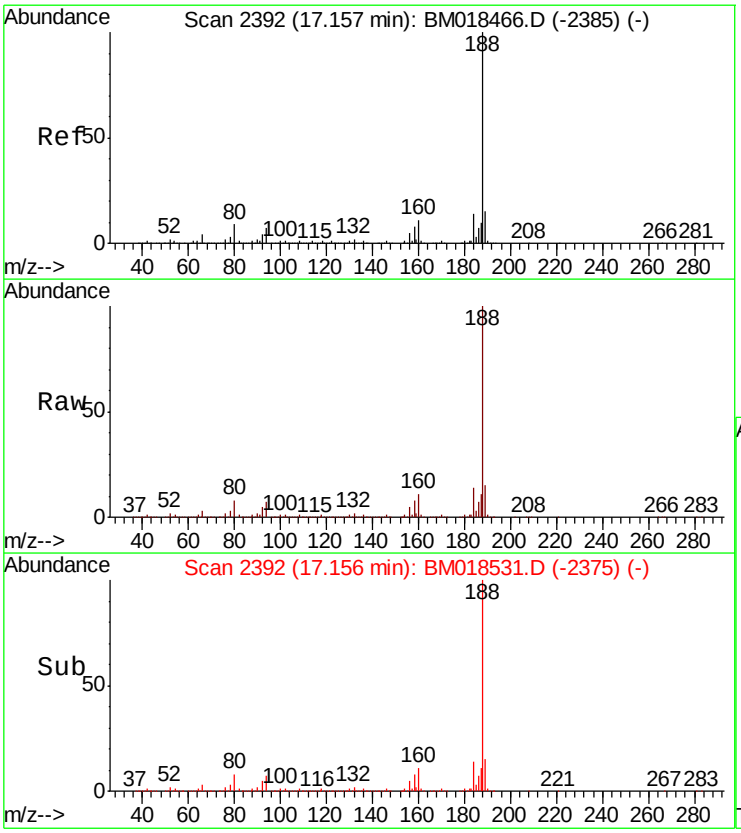

#63
Azobenzene
Concen: 31.849 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion: 77 Resp: 2656380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 30.0 | 7.4 | 47.4 |
| 105 | 21.3 | 0.0 | 39.6 |
| 51 | 32.0 | 12.0 | 52.0 |

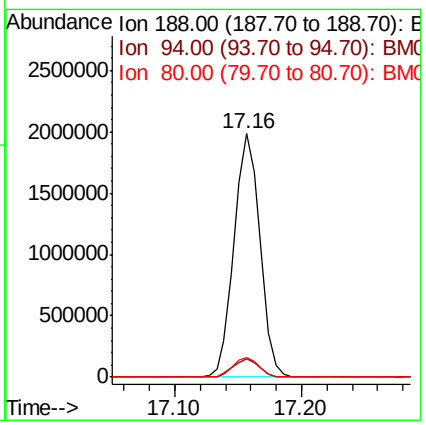


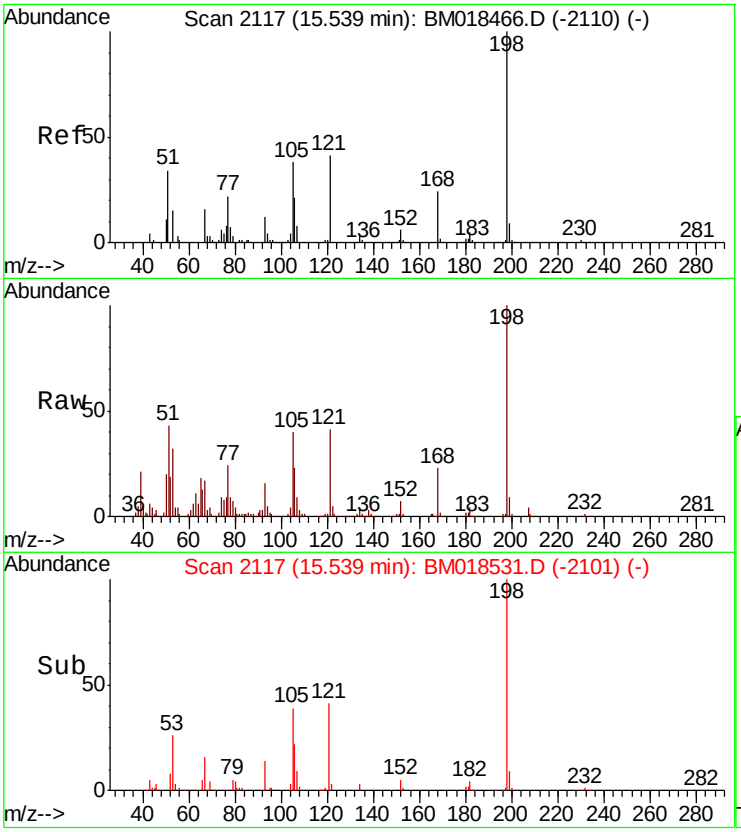




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:188 Resp: 2783571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.4 | 7.1 | 10.7 |
| 80 | 8.2 | 7.6 | 11.4 |



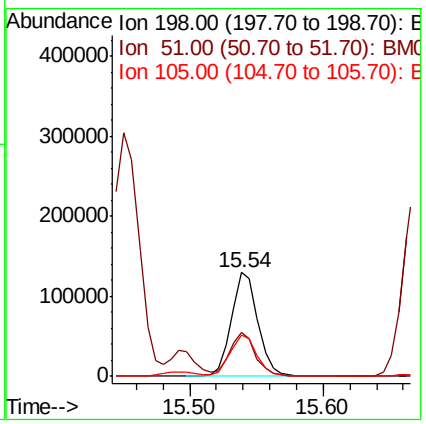


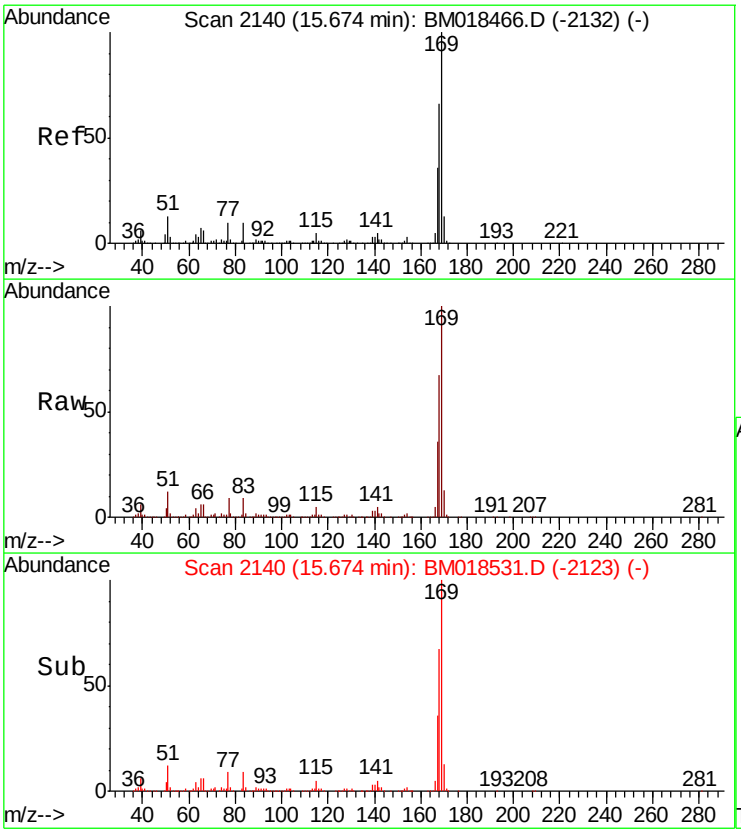

#65
4,6-Dinitro-2-methylphenol
Concen: 14.453 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:198 Resp: 181088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 42.6 | 29.6 | 69.6 |
| 105 | 39.5 | 25.5 | 65.5 |

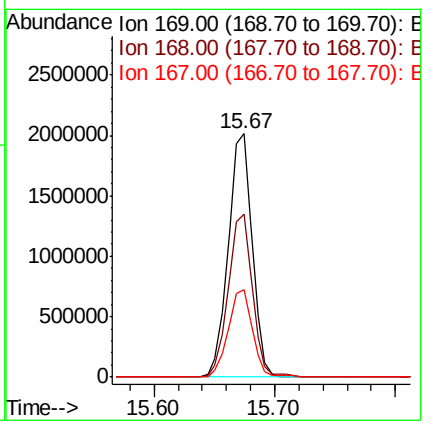


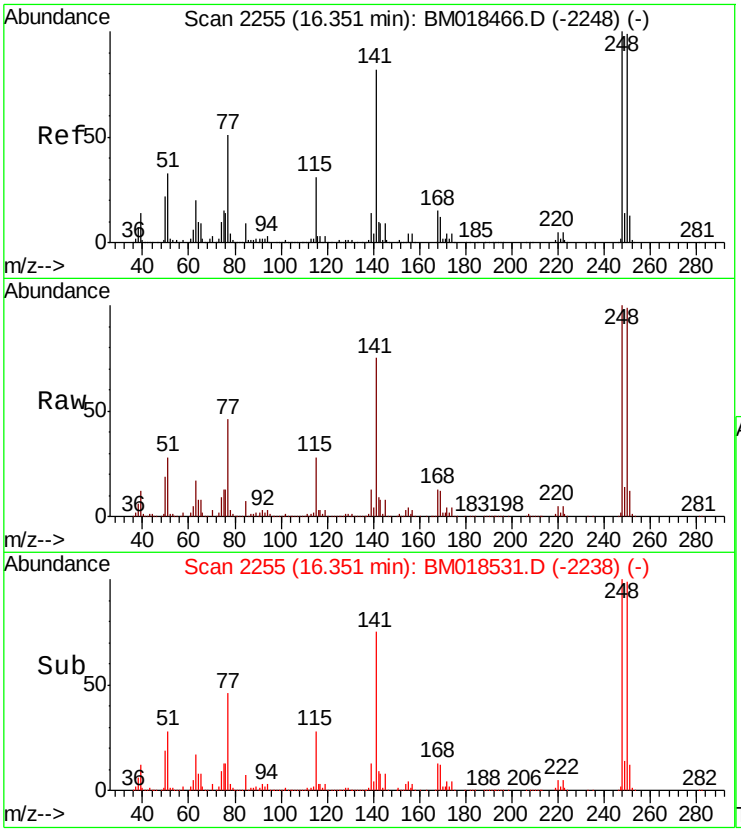




#66
n-Nitrosodiphenylamine
Concen: 32.127 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:169 Resp: 2773975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 66.8 | 54.1 | 81.1 |
| 167 | 35.9 | 28.6 | 42.8 |



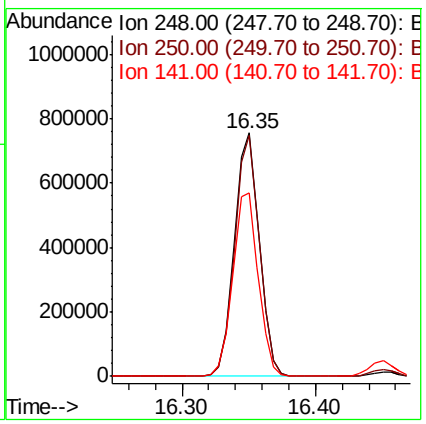


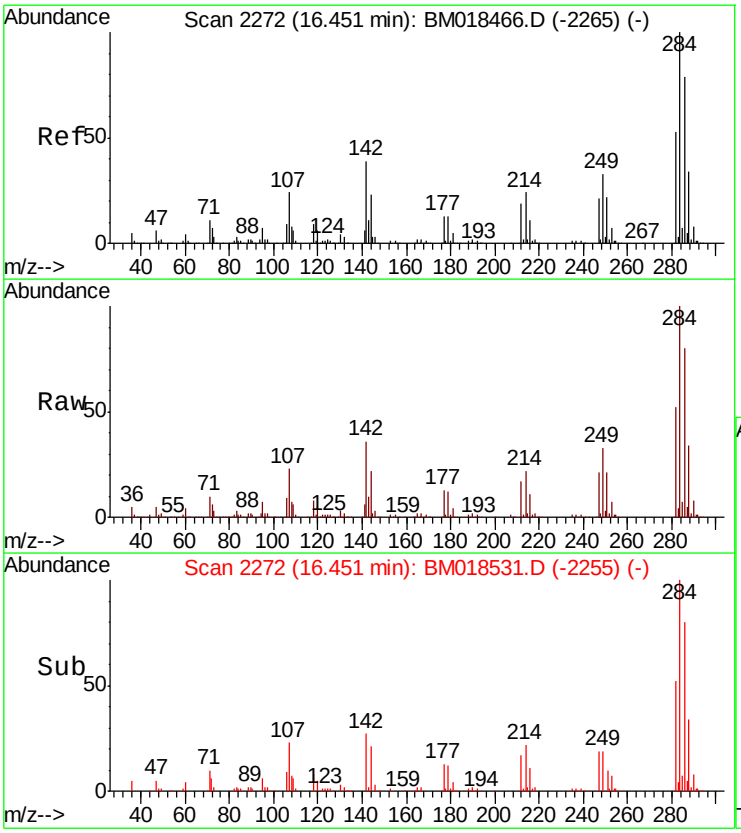

#67
4-Bromophenyl-phenylether
Concen: 31.530 ng
RT: 16.35 min Scan# 2255
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:248 Resp: 982157

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.8 | 76.0 | 114.0 |
| 141 | 75.1 | 61.5 | 92.3 |

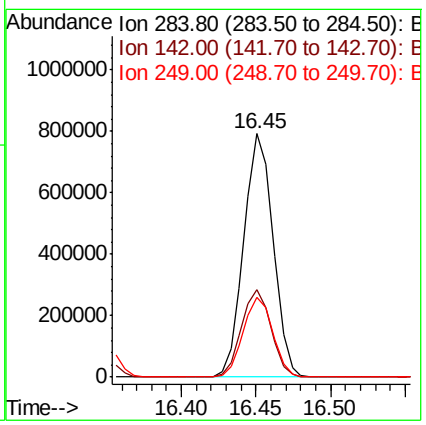


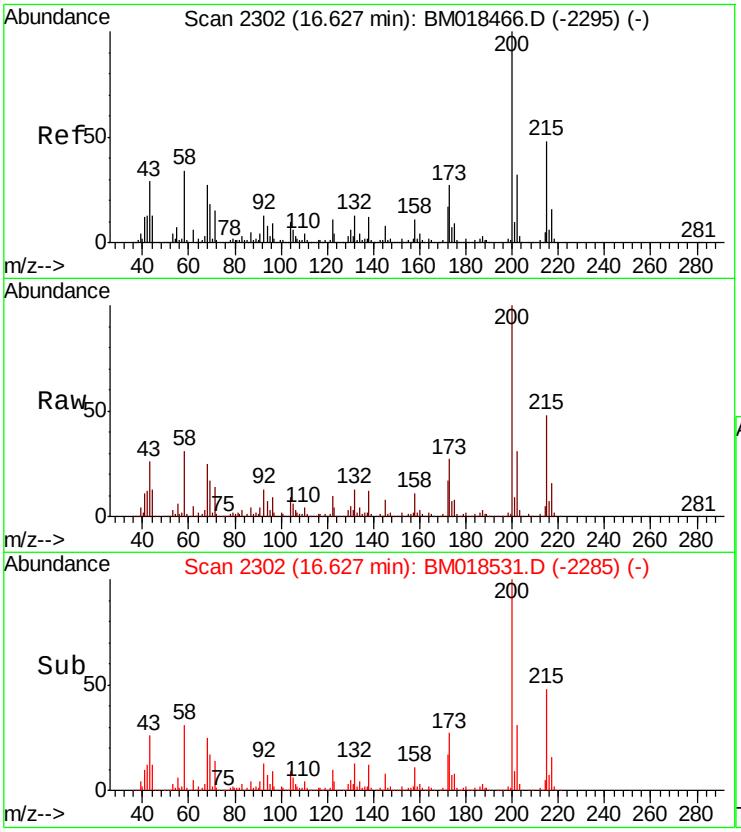




#68
Hexachlorobenzene
Concen: 30.867 ng
RT: 16.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:284 Resp: 1076385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.1 | 29.2 | 43.8 |
| 249 | 32.8 | 26.1 | 39.1 |



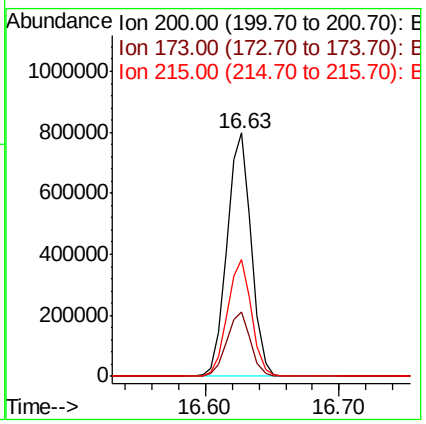


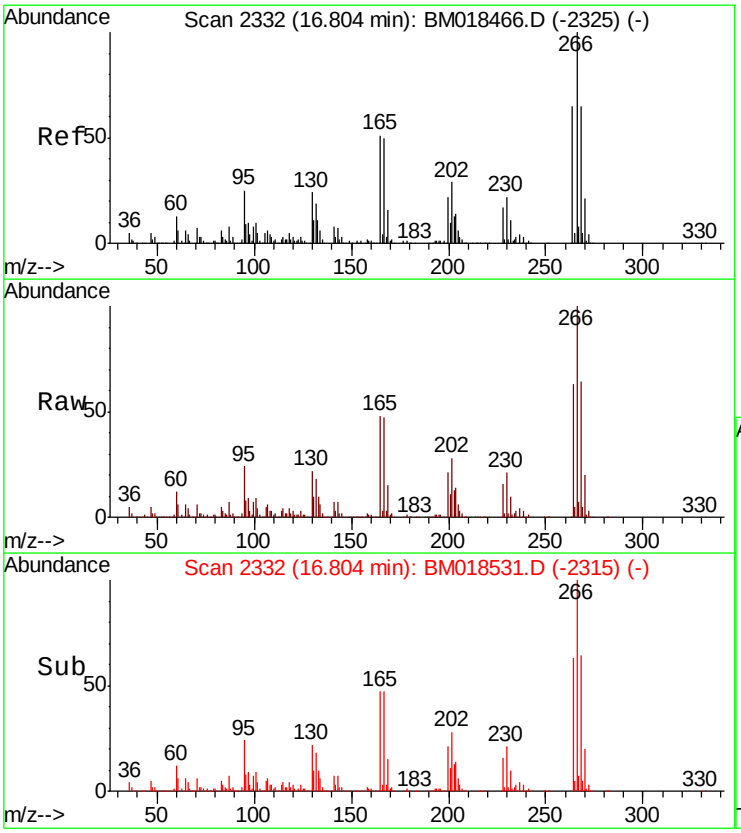

#69
Atrazine
Concen: 32.552 ng
RT: 16.63 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:200 Resp: 1016110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 26.5 | 7.2 | 47.2 |
| 215 | 48.1 | 28.3 | 68.3 |

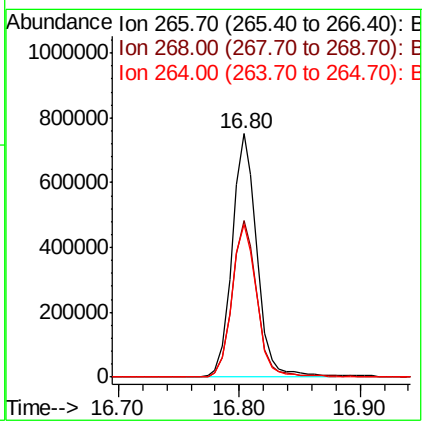


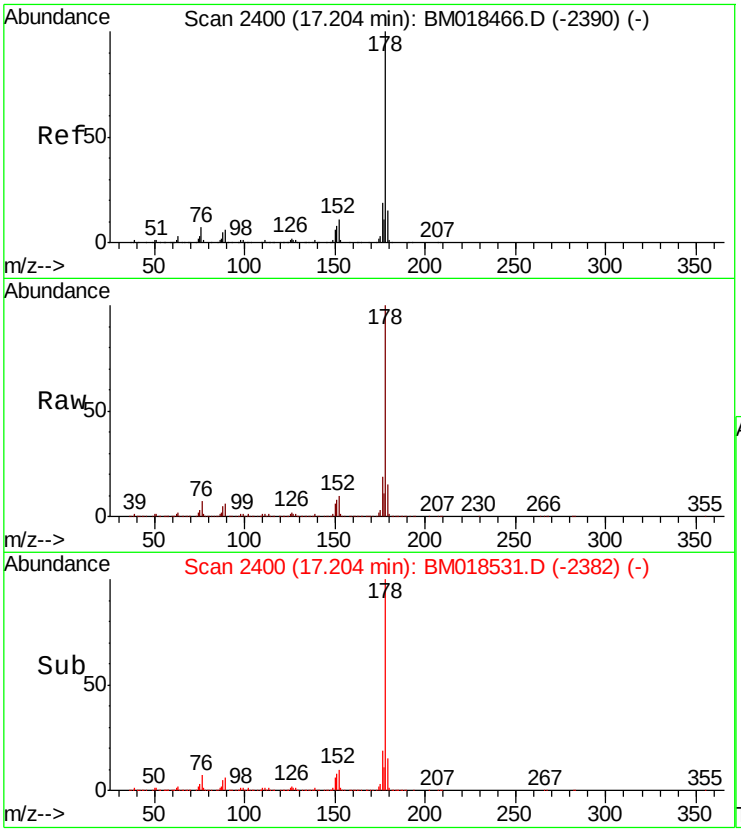




#70
Pentachlorophenol
Concen: 46.984 ng
RT: 16.80 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:266 Resp: 1073026

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 64.2 | 49.8 | 74.6 |
| 264 | 62.9 | 50.1 | 75.1 |



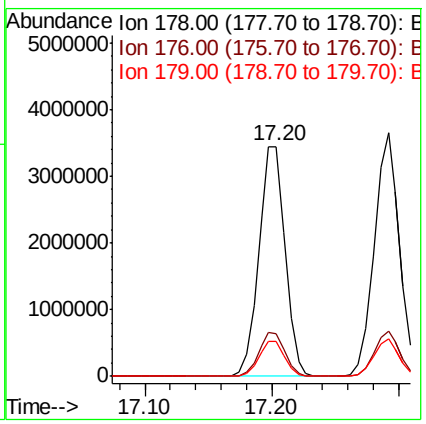


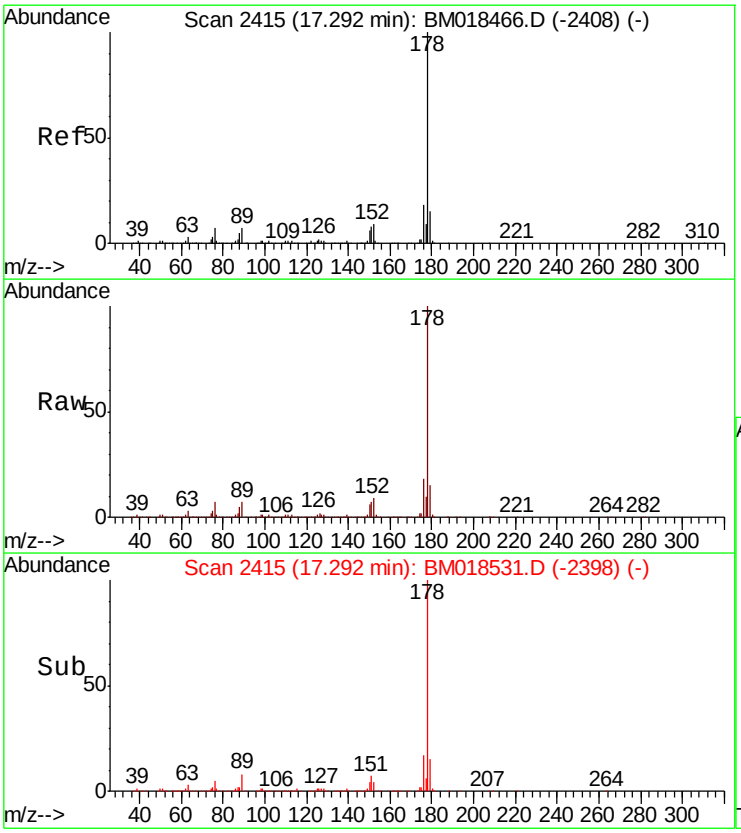

#71
Phenanthrene
Concen: 33.517 ng
RT: 17.20 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:178 Resp: 4962371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.4 | 23.0 |
| 179 | 15.3 | 12.2 | 18.4 |

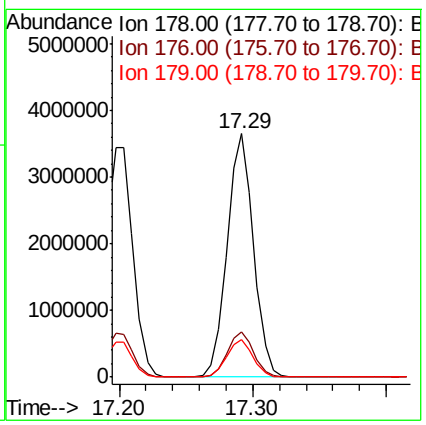


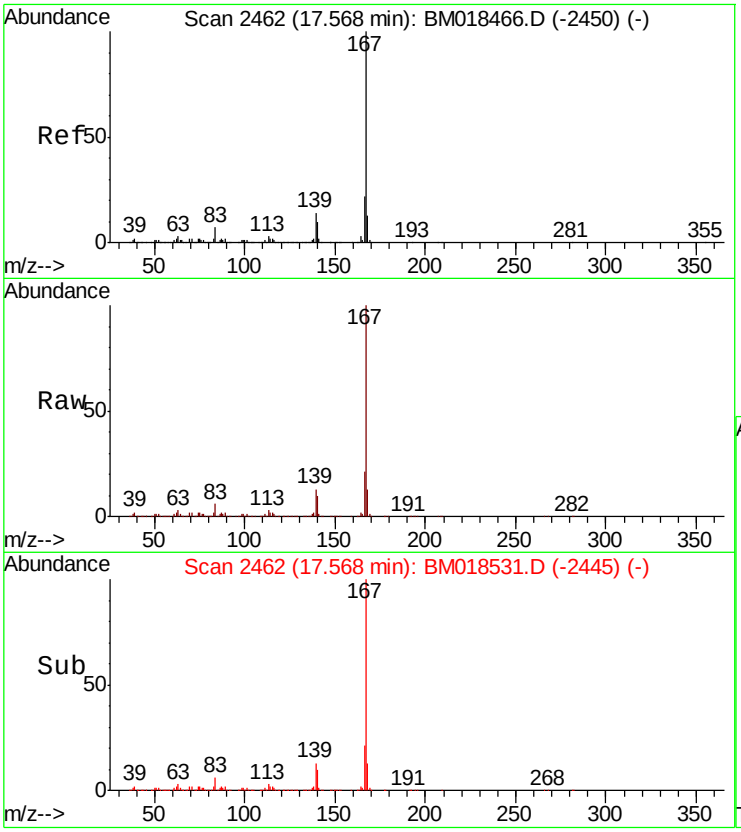




#72
Anthracene
Concen: 35.216 ng
RT: 17.29 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:178 Resp: 5013798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 14.7 | 22.1 |
| 179 | 15.4 | 12.2 | 18.4 |



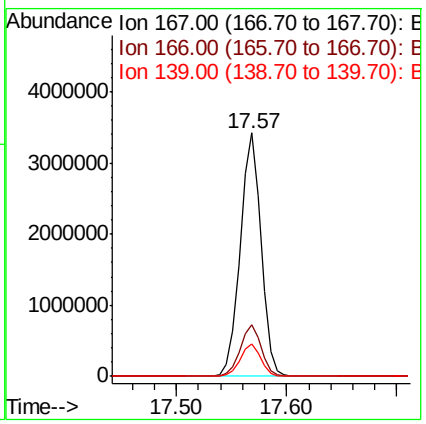


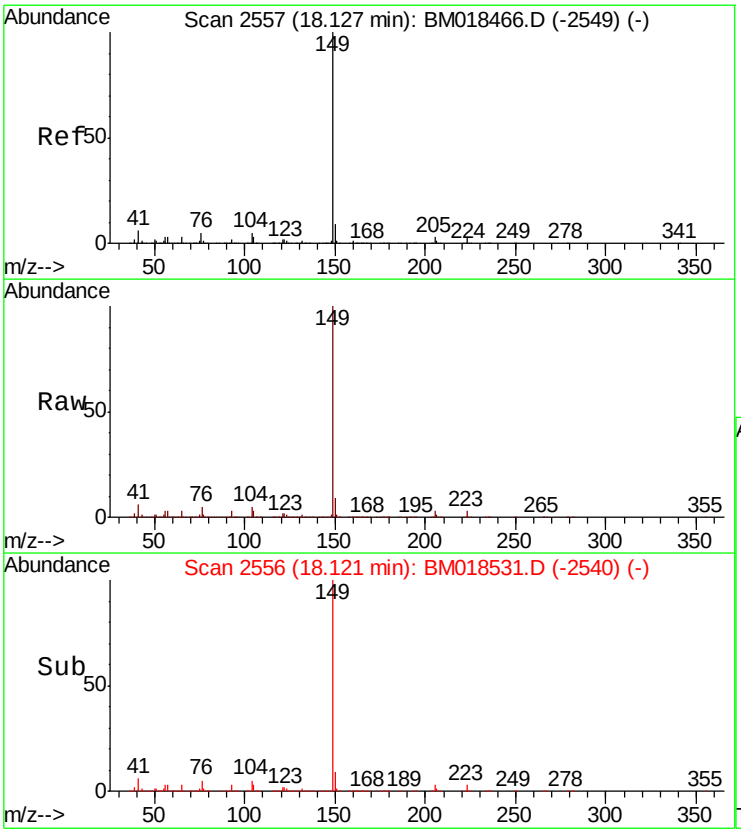

#73
Carbazole
Concen: 31.006 ng
RT: 17.57 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:167 Resp: 4535382

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 21.3 | 17.4 | 26.2 |
| 139 | 13.2 | 10.6 | 16.0 |

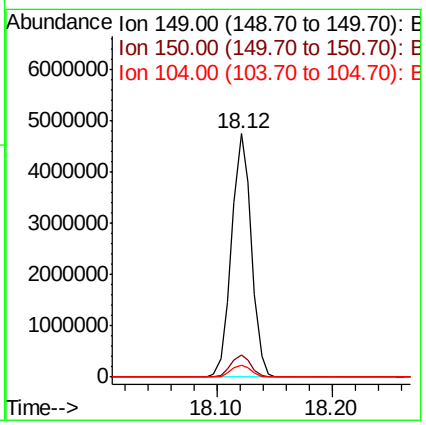


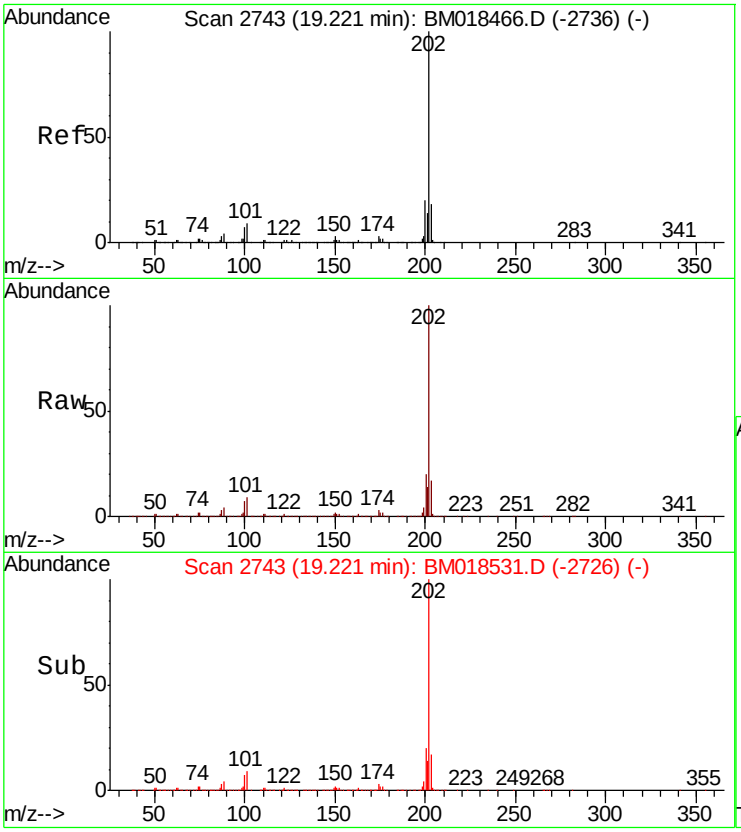




#74
Di-n-butylphthalate
Concen: 35.109 ng
RT: 18.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:149 Resp: 5625348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 9.2 | 7.3 | 10.9 |
| 104 | 5.1 | 4.2 | 6.4 |



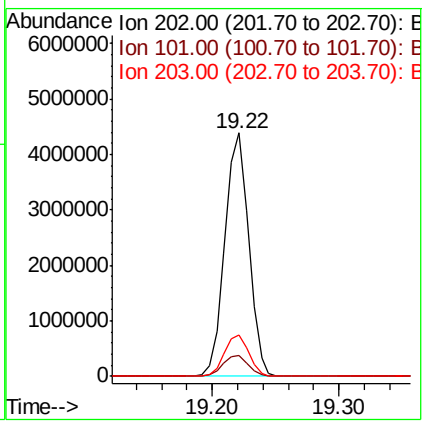


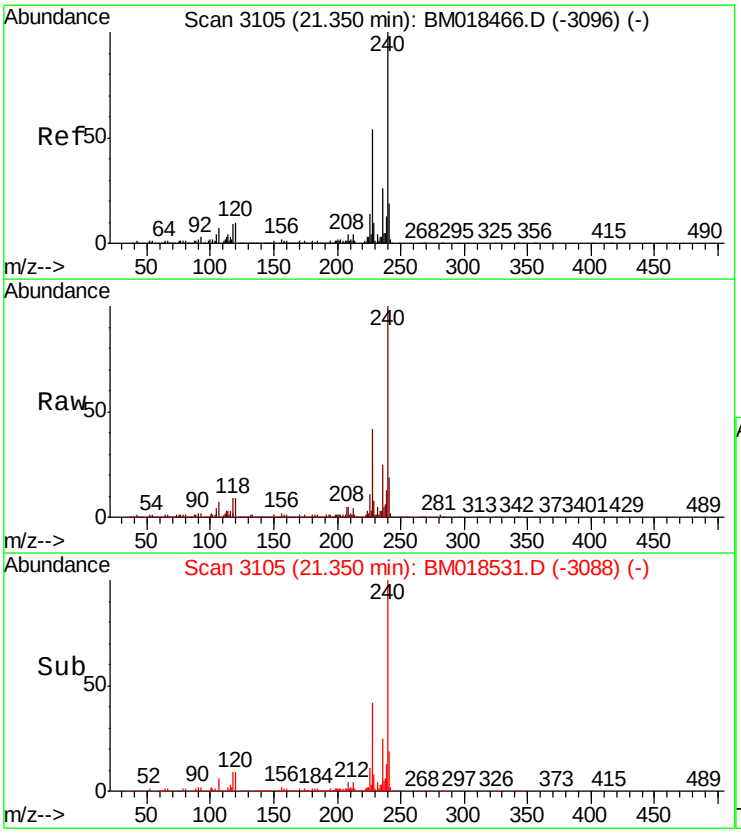

#75
Fluoranthene
Concen: 33.422 ng
RT: 19.22 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:202 Resp: 5705076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.6 | 0.0 | 30.9 |
| 203 | 17.1 | 0.0 | 37.4 |

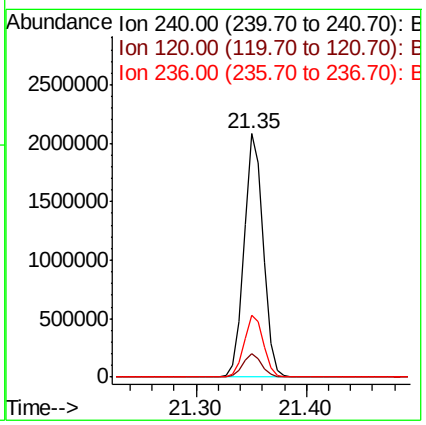


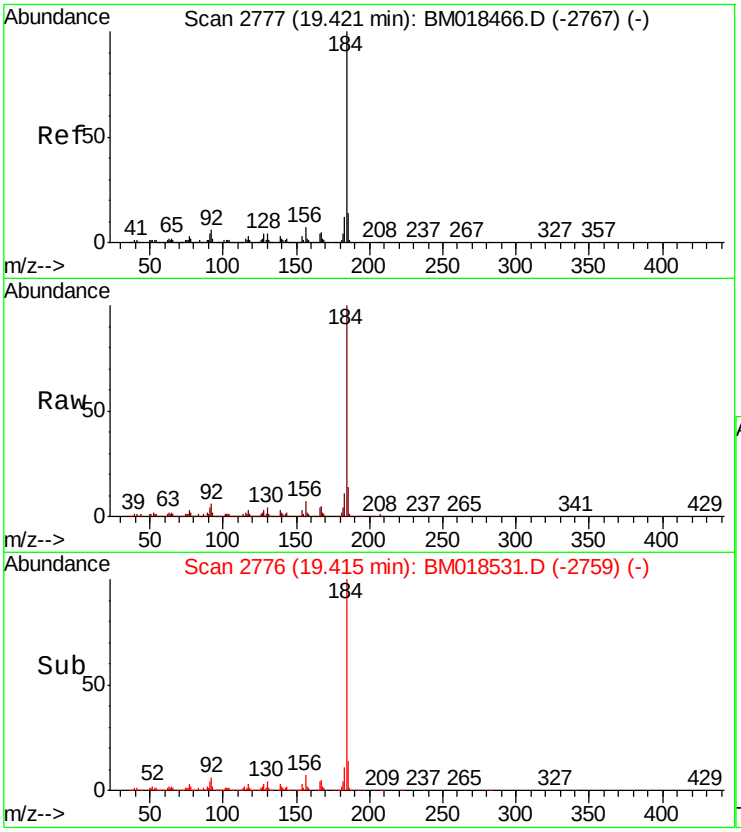




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:240 Resp: 2530865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.4 | 8.4 | 12.6 |
| 236 | 25.4 | 20.7 | 31.1 |



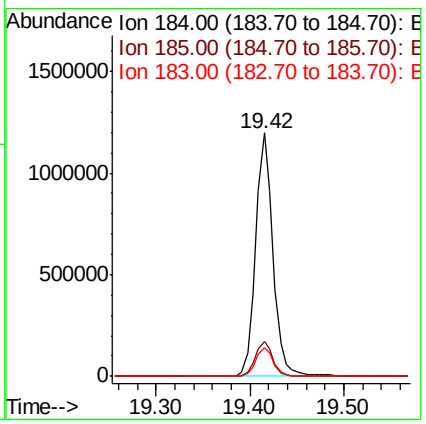


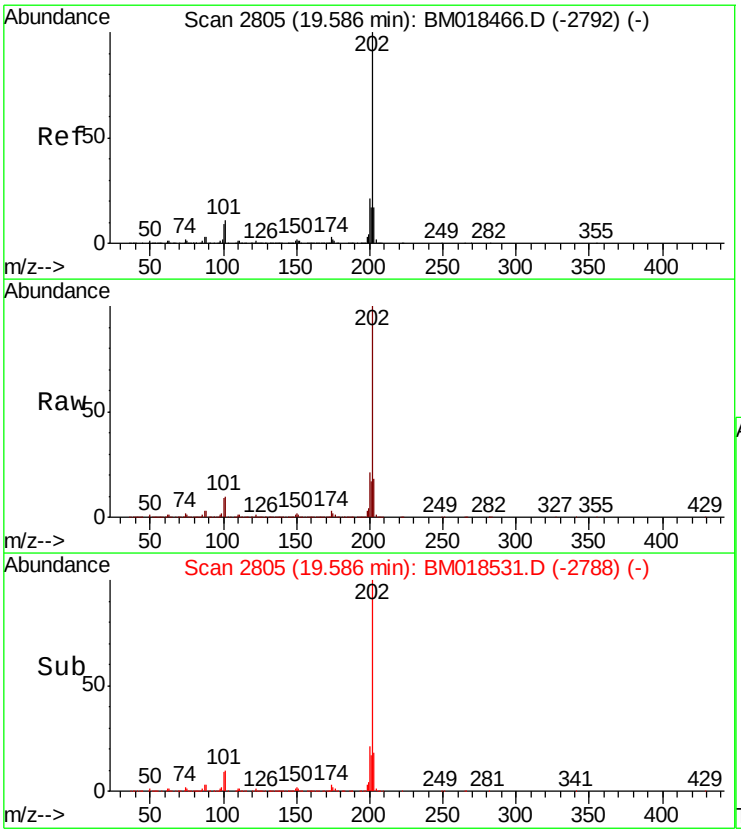

#77
Benzidine
Concen: 24.461 ng
RT: 19.42 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:184 Resp: 1528613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.2 | 11.4 | 17.0 |
| 183 | 11.5 | 9.5 | 14.3 |

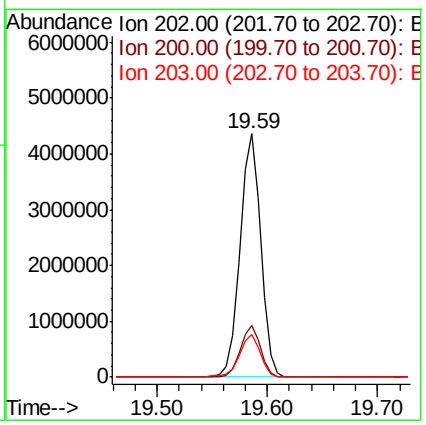


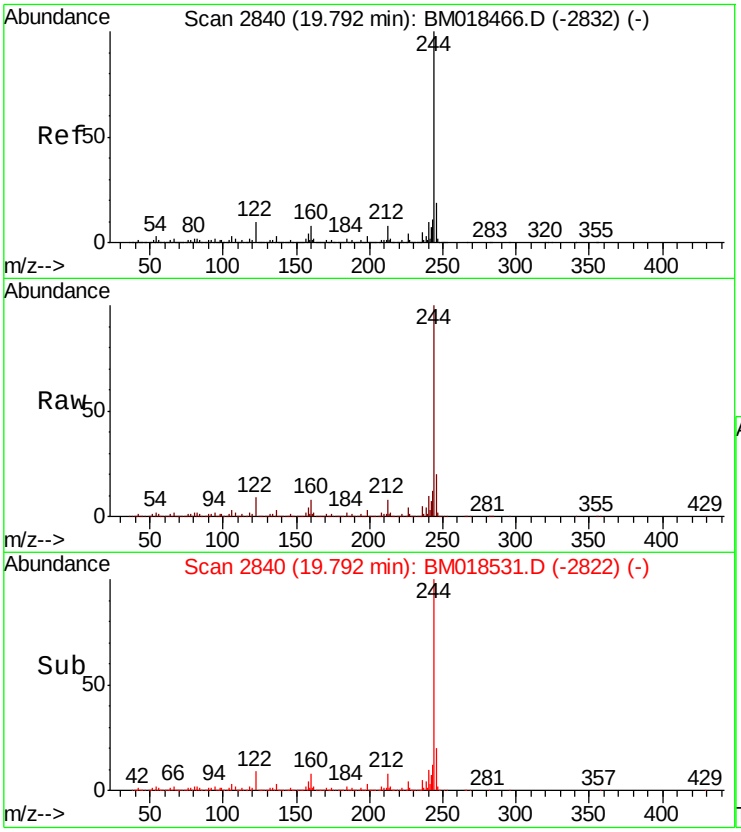




#78
Pyrene
Concen: 38.227 ng
RT: 19.59 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:202 Resp: 5734647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.6 | 24.8 |
| 203 | 17.7 | 13.8 | 20.8 |



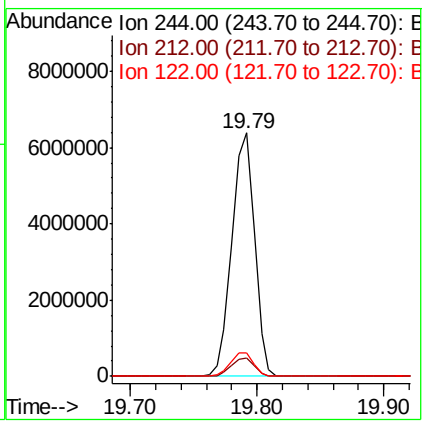


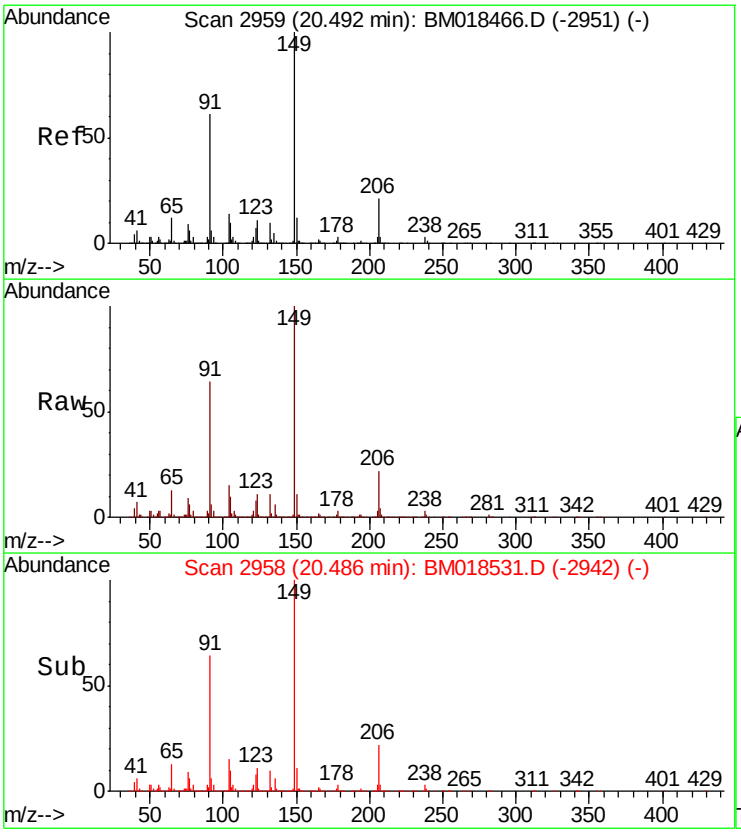

#79
Terphenyl-d14
Concen: 65.447 ng
RT: 19.79 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:244 Resp: 7857447

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.9 | 8.9 |
| 122 | 9.4 | 9.0 | 13.4 |

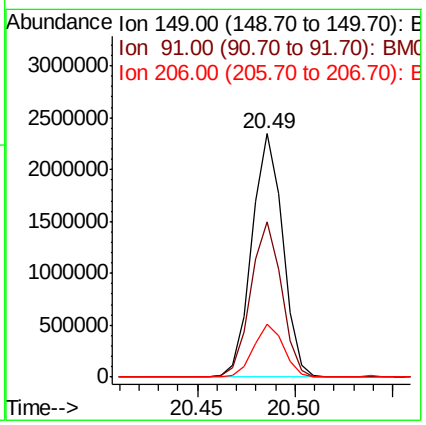


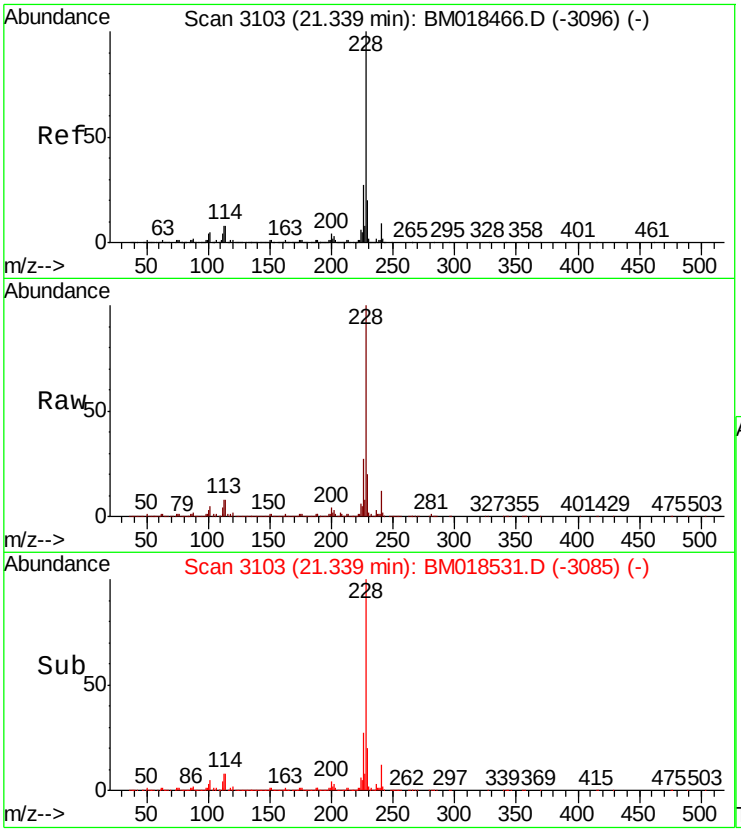




#80
Butylbenzylphthalate
Concen: 40.157 ng
RT: 20.49 min Scan# 2958
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:149 Resp: 2570589

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 63.6 | 53.1 | 79.7 |
| 206 | 21.7 | 16.2 | 24.4 |



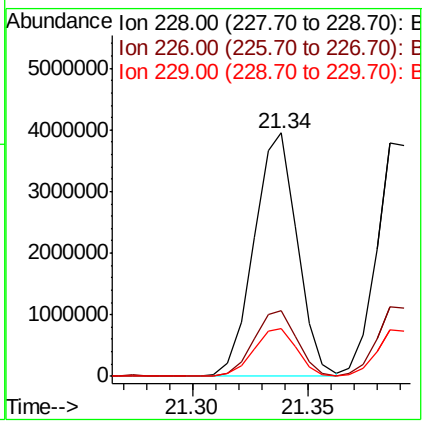


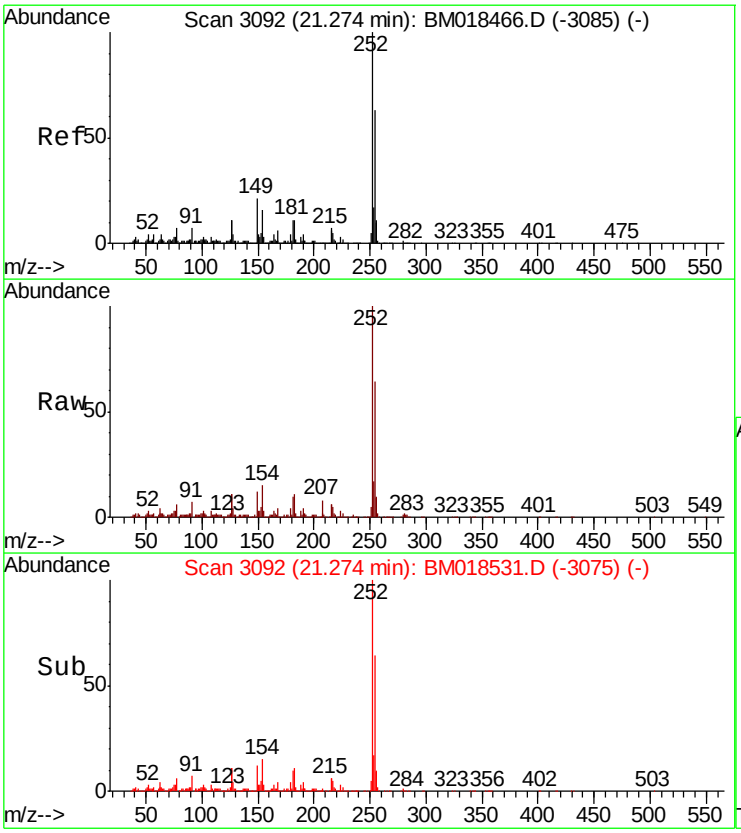

#81
Benzo(a)anthracene
Concen: 34.382 ng
RT: 21.34 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:228 Resp: 5126273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.0 | 21.8 | 32.6 |
| 229 | 19.5 | 15.8 | 23.8 |

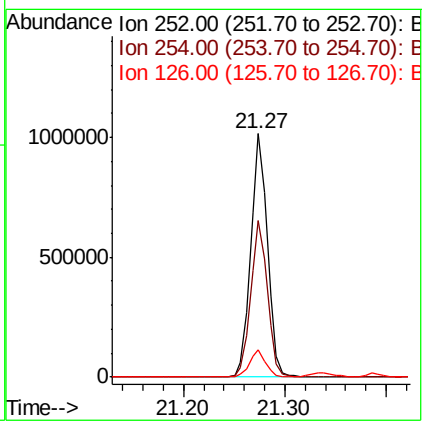


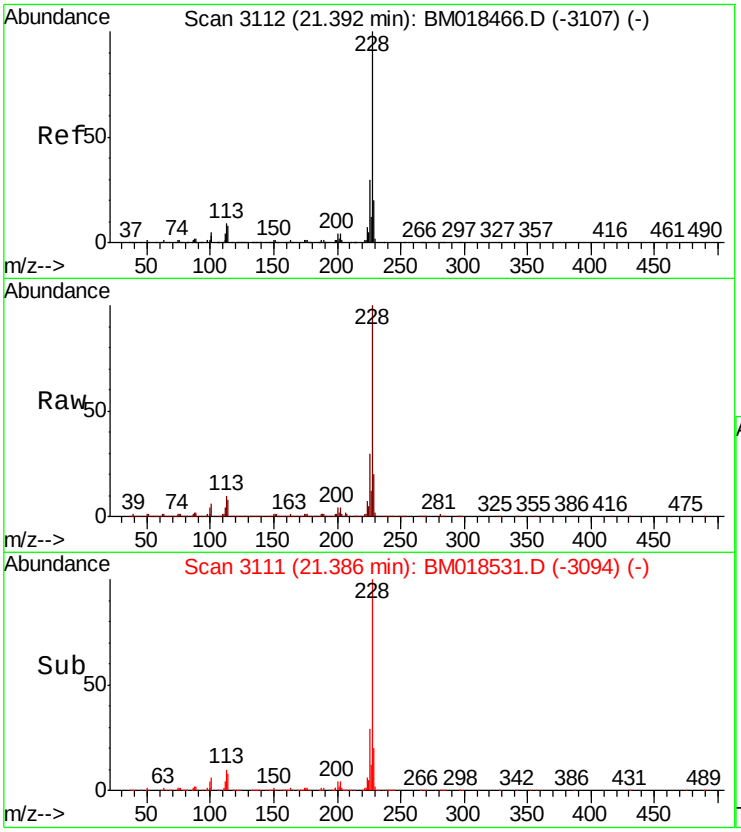




#82
3,3'-Dichlorobenzidine
Concen: 20.538 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:252 Resp: 1157922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 64.4 | 51.4 | 77.0 |
| 126 | 11.4 | 8.7 | 13.1 |



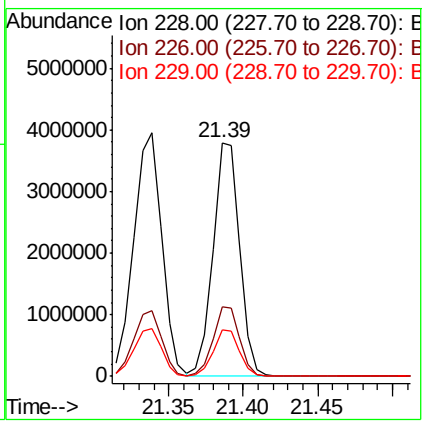


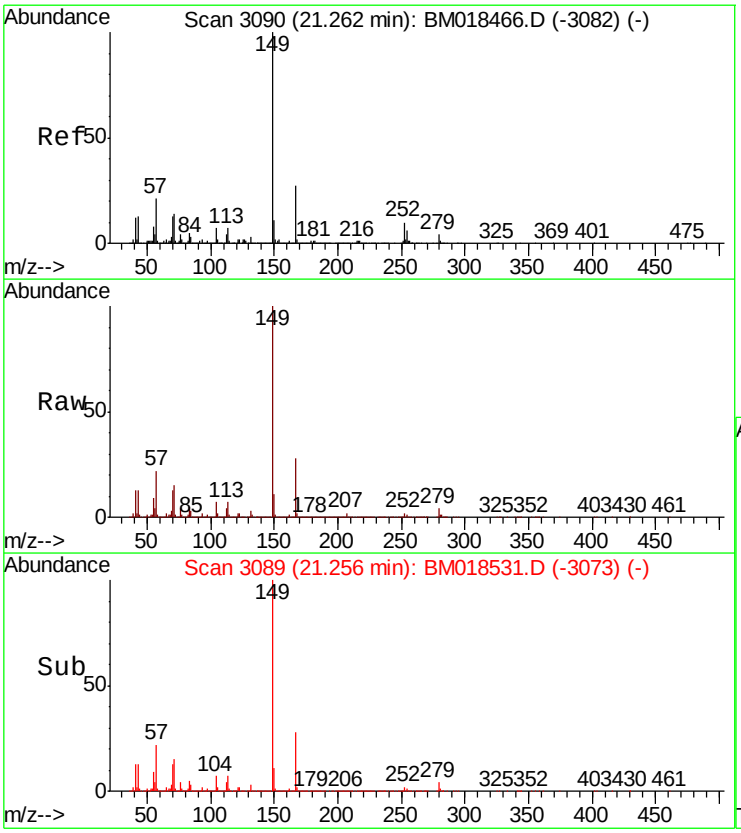

#83
Chrysene
Concen: 32.838 ng
RT: 21.39 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:228 Resp: 4727879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.6 | 24.2 | 36.2 |
| 229 | 19.8 | 15.6 | 23.4 |

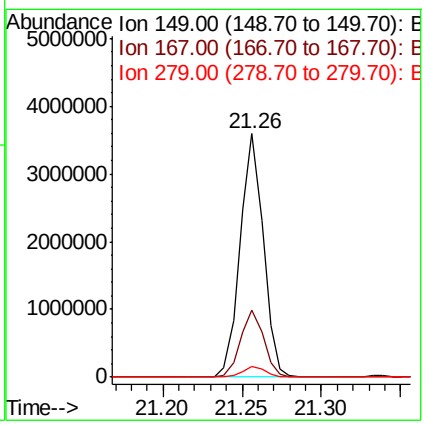


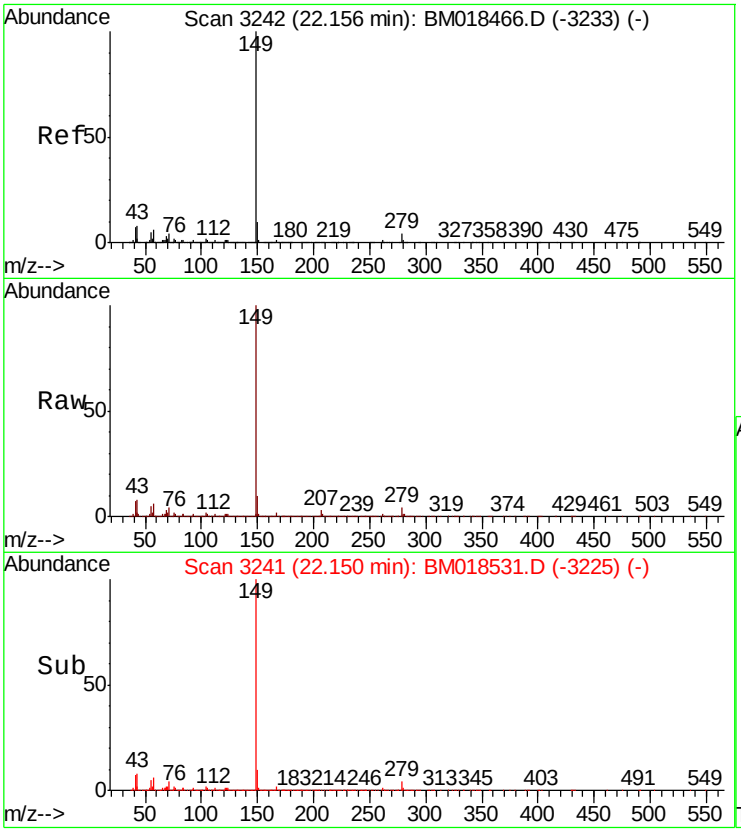




#84
Bis(2-ethylhexyl)phthalate
Concen: 39.256 ng
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:149 Resp: 3628685

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.6 | 21.6 | 32.4 |
| 279 | 4.3 | 3.3 | 4.9 |



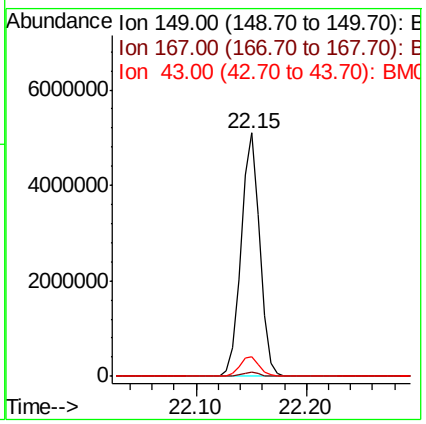


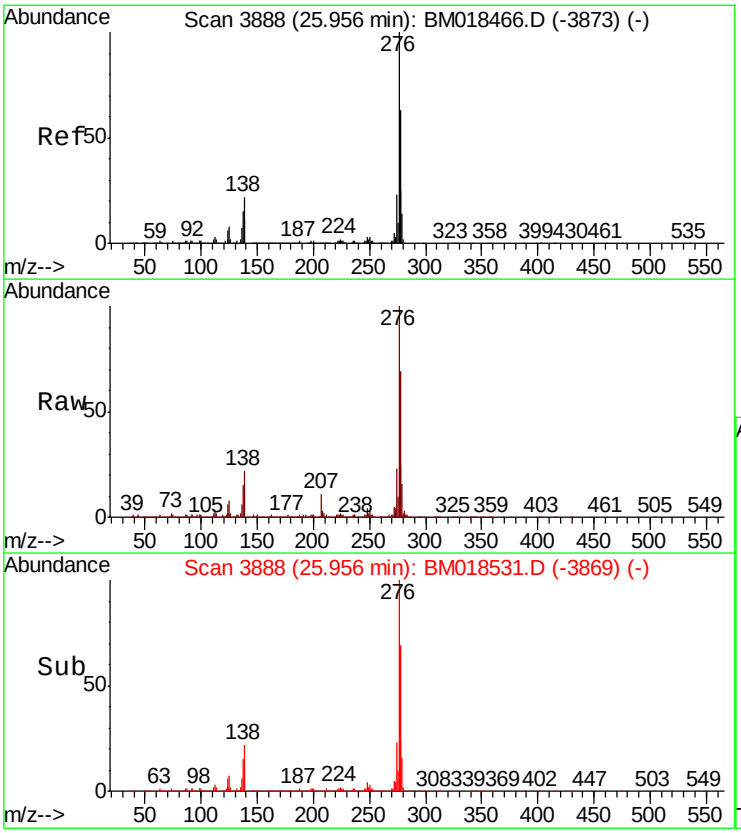

#85
Di-n-octyl phthalate
Concen: 38.739 ng
RT: 22.15 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:149 Resp: 6022761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 8.3 | 8.6 | 12.8# |

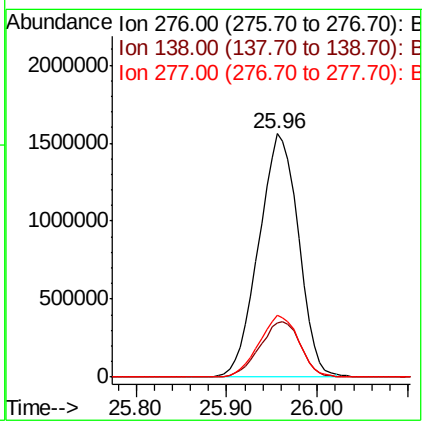


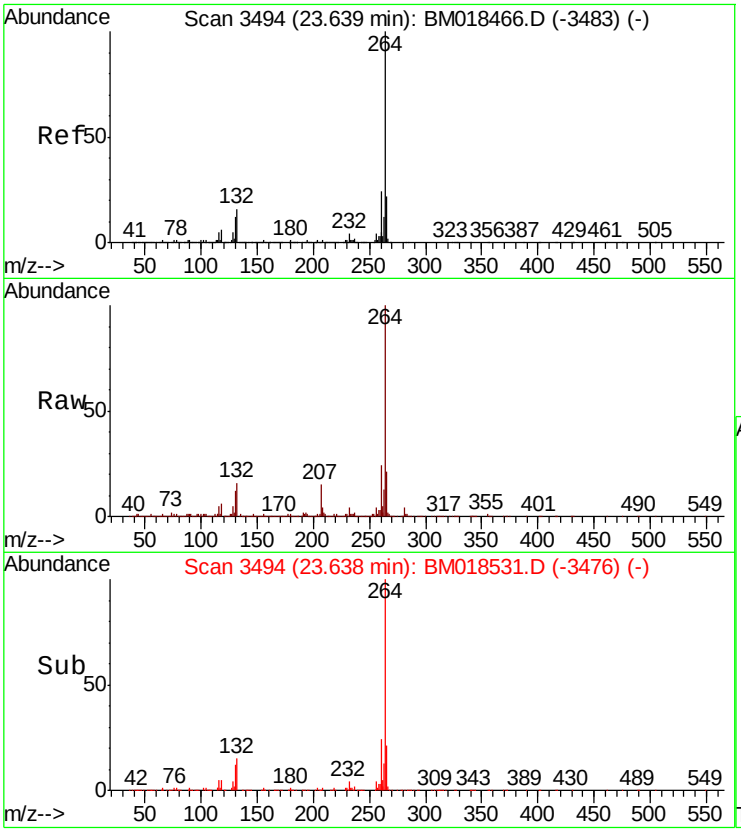




#86
Indeno(1,2,3-cd)pyrene
Concen: 28.578 ng
RT: 25.96 min Scan# 3888
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:276 Resp: 4744569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.5 | 21.5 | 32.3 |
| 277 | 25.3 | 20.2 | 30.2 |



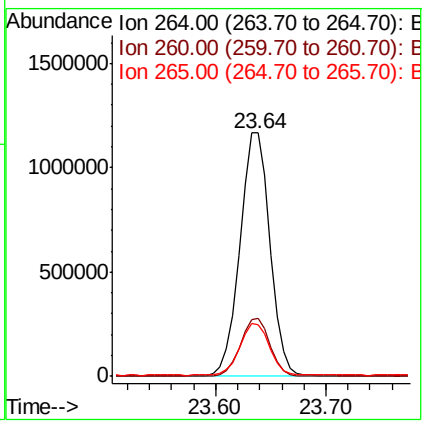


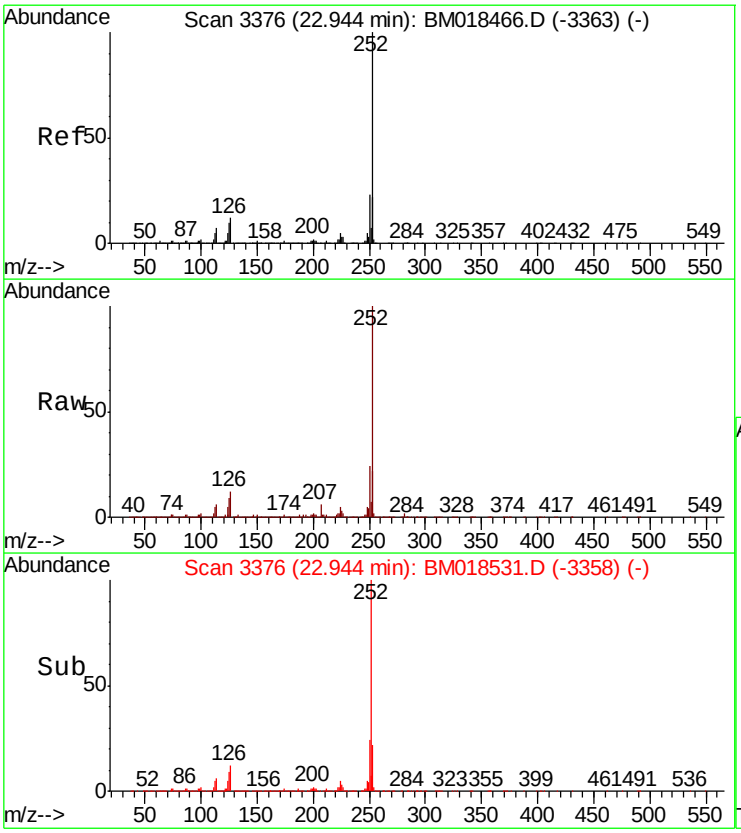

#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:264 Resp: 2238508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 18.9 | 28.3 |
| 265 | 21.2 | 16.8 | 25.2 |

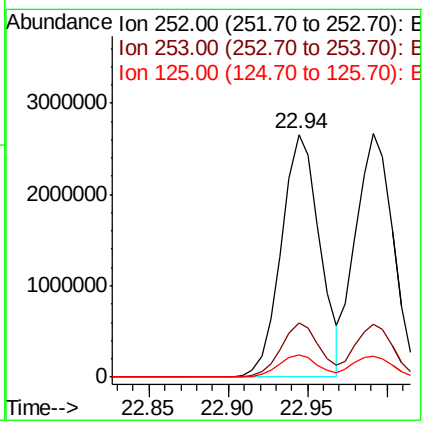


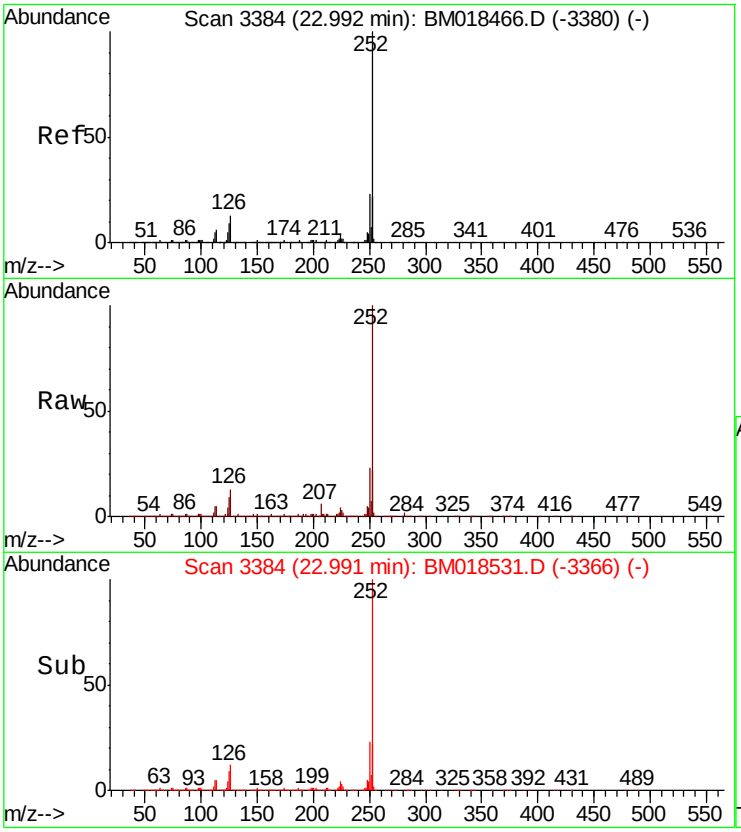




#88
Benzo(b)fluoranthene
Concen: 35.319 ng
RT: 22.94 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:252 Resp: 4488502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.6 | 26.4 |
| 125 | 9.3 | 8.5 | 12.7 |



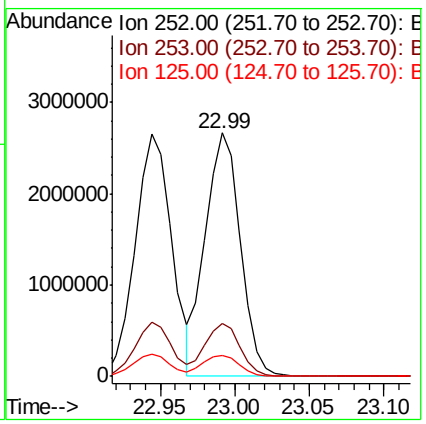


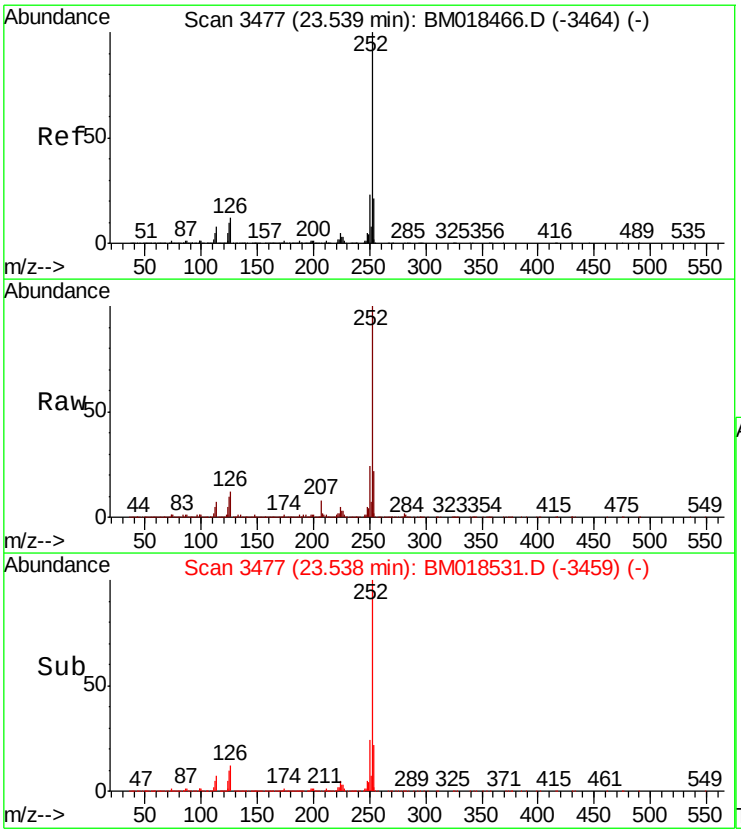

#89
Benzo(k)fluoranthene
Concen: 34.034 ng
RT: 22.99 min Scan# 3384
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:252 Resp: 4358811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.4 | 26.0 |
| 125 | 8.6 | 8.6 | 12.8 |

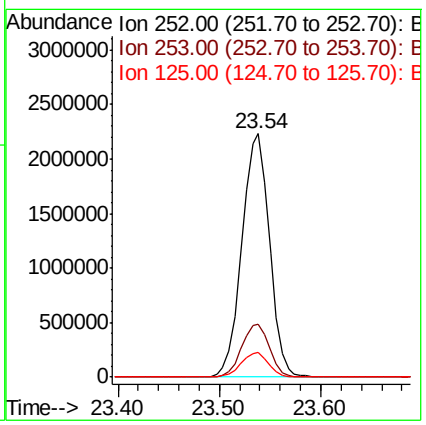


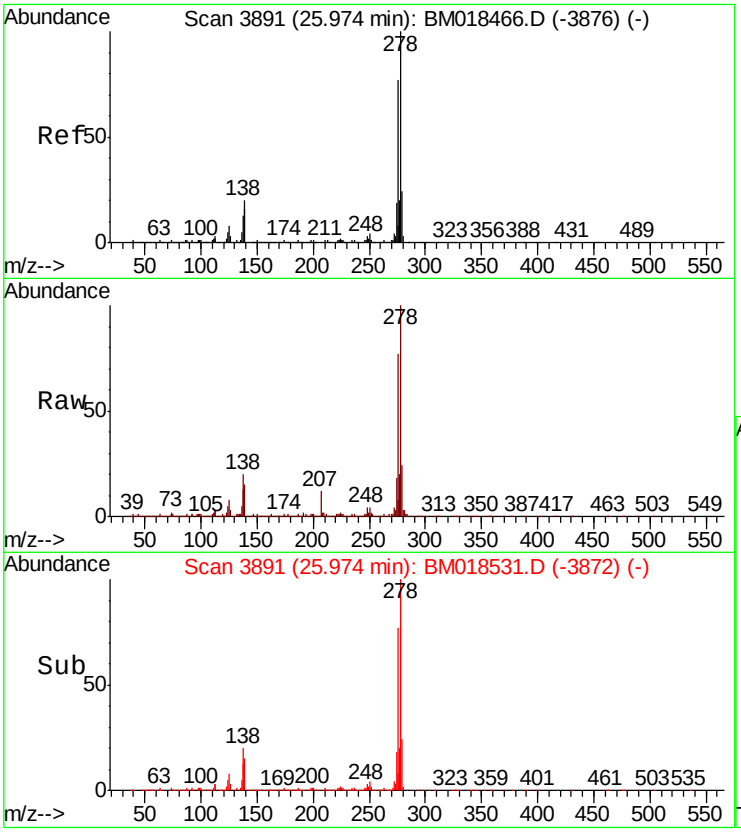




#90
Benzo(a)pyrene
Concen: 34.547 ng
RT: 23.54 min Scan# 3477
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:252 Resp: 4203200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.5 | 26.3 |
| 125 | 9.9 | 9.7 | 14.5 |



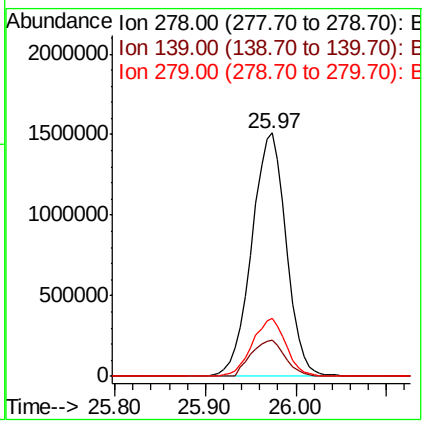


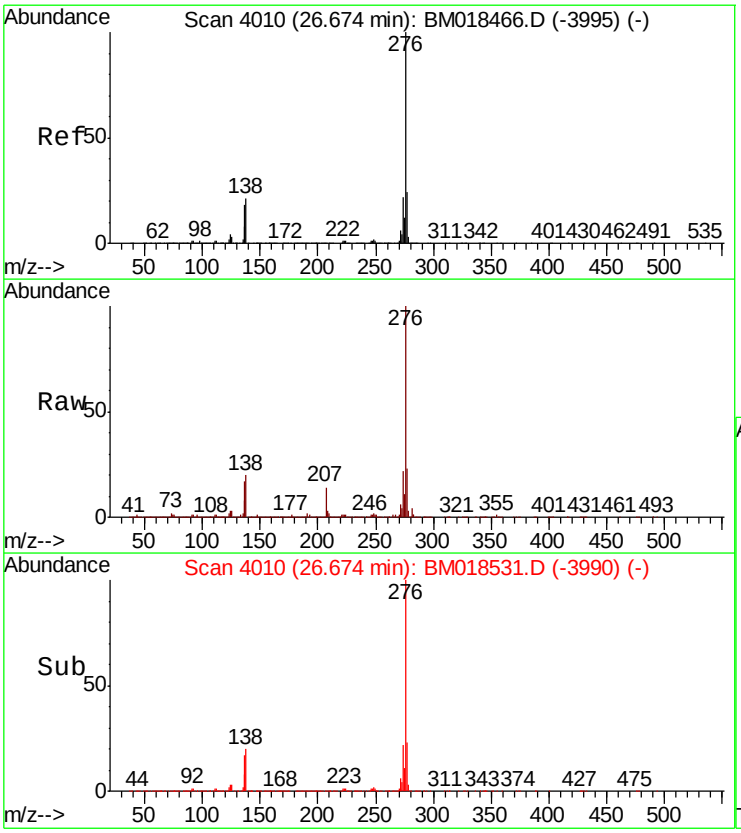

#91
Dibenzo(a,h)anthracene
Concen: 32.531 ng
RT: 25.97 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

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

Tgt Ion:278 Resp: 4010325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.9 | 13.2 | 19.8 |
| 279 | 23.7 | 19.0 | 28.4 |




#92
Benzo(g,h,i)perylene
Concen: 32.626 ng
RT: 26.67 min Scan# 4010
Delta R.T. 0.02 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:276 Resp: 3913927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 23.1 | 19.0 | 28.4 |
| 138 | 20.1 | 18.1 | 27.1 |