

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\  
 Data File : BM011068.D  
 Acq On : 31 Jul 2017 15:18  
 Operator : SJ/JU  
 Sample : PB101041BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

Manual Integrations  
 APPROVED

Sohil  
 8/1/2017 5:45:59 PM

Quant Time: Aug 01 01:28:47 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 26 17:29:06 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 194950   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.15 | 136  | 870178   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.04 | 164  | 644535   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 16.80 | 188  | 1512518  | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.02 | 240  | 1246691  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.13 | 264  | 965664   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.03  | 112 | 1452316 | 125.93 | ng | 0.00  |
| 7) Phenol-d6             | 6.59  | 99  | 1992426 | 121.60 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.53  | 82  | 1759623 | 75.89  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 15.54 | 330 | 1119508 | 108.37 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 12.65 | 172 | 3877457 | 75.45  | ng | -0.01 |
| 78) Terphenyl-d14        | 19.46 | 244 | 4850869 | 77.08  | ng | 0.00  |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.04  | 88  | 166436  | 32.143 | ng | # 100  |
| 3) Pyridine                    | 3.41  | 79  | 475397  | 33.612 | ng | # 87   |
| 4) n-Nitrosodimethylamine      | 3.33  | 42  | 310989  | 43.147 | ng | # 69   |
| 6) Aniline                     | 6.74  | 93  | 467107  | 22.619 | ng | # 83   |
| 8) 2-Chlorophenol              | 6.96  | 128 | 439189  | 37.510 | ng | # 76   |
| 9) Benzaldehyde                | 6.55  | 77  | 499086  | 47.075 | ng | # 77   |
| 10) Phenol                     | 6.62  | 94  | 693327  | 38.957 | ng | # 93   |
| 11) bis(2-Chloroethyl)ether    | 6.83  | 93  | 515884  | 37.202 | ng | # 88   |
| 12) 1,3-Dichlorobenzene        | 7.27  | 146 | 517856  | 36.291 | ng | # 76   |
| 13) 1,4-Dichlorobenzene        | 7.42  | 146 | 528016  | 36.100 | ng | # 90   |
| 14) 1,2-Dichlorobenzene        | 7.73  | 146 | 510543  | 36.508 | ng | # 89   |
| 15) Benzyl Alcohol             | 7.63  | 79  | 647497  | 41.192 | ng | # 80   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.92  | 45  | 503977  | 40.388 | ng | # 81   |
| 17) 2-Methylphenol             | 7.83  | 107 | 466547  | 41.017 | ng | # 72   |
| 18) Hexachloroethane           | 8.44  | 117 | 245524  | 38.492 | ng | # 85   |
| 19) n-Nitroso-di-n-propylamine | 8.20  | 70  | 574559  | 41.264 | ng | # 95   |
| 20) 3+4-Methylphenols          | 8.16  | 107 | 628960  | 39.779 | ng | # 81   |
| 22) Acetophenone               | 8.20  | 105 | 897222  | 34.397 | ng | # 92   |
| 24) Nitrobenzene               | 8.57  | 77  | 895473  | 37.272 | ng | # 84   |
| 25) Isophorone                 | 9.10  | 82  | 1439689 | 37.242 | ng | # 85   |
| 26) 2-Nitrophenol              | 9.27  | 139 | 274952  | 35.967 | ng | # 22   |
| 27) 2,4-Dimethylphenol         | 9.35  | 122 | 491318  | 36.509 | ng | # 70   |
| 28) bis(2-Chloroethoxy)methane | 9.59  | 93  | 808602  | 37.503 | ng | # 97   |
| 29) 2,4-Dichlorophenol         | 9.80  | 162 | 571724  | 37.807 | ng | # 90   |
| 30) 1,2,4-Trichlorobenzene     | 10.01 | 180 | 675695  | 36.138 | ng | # 96   |
| 31) Naphthalene                | 10.19 | 128 | 1590984 | 36.344 | ng | # 100  |
| 32) Benzoic acid               | 9.50  | 122 | 311676  | 28.814 | ng | # 53   |
| 33) 4-Chloroaniline            | 10.33 | 127 | 258307  | 14.792 | ng | # 70   |
| 34) Hexachlorobutadiene        | 10.48 | 225 | 555572  | 37.726 | ng | # 99   |
| 35) Caprolactam                | 11.11 | 113 | 141795m | 33.064 | ng | #      |
| 36) 4-Chloro-3-methylphenol    | 11.45 | 107 | 695568  | 35.622 | ng | # 67   |
| 37) 2-Methylnaphthalene        | 11.82 | 142 | 1306485 | 40.627 | ng | # 88   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.20 | 216 | 947494  | 34.216 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.18 | 237 | 1524550 | 94.484 | ng | # 98   |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\  
 Data File : BM011068.D  
 Acq On : 31 Jul 2017 15:18  
 Operator : SJ/JU  
 Sample : PB101041BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

Manual Integrations  
 APPROVED

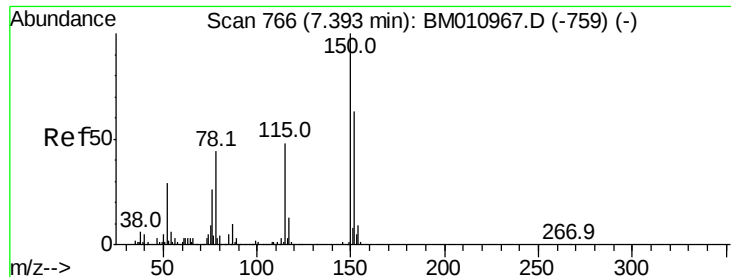
Sohil  
 8/1/2017 5:45:59 PM

Quant Time: Aug 01 01:28:47 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 26 17:29:06 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.45 | 196  | 578971   | 34.544 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 12.52 | 196  | 596000   | 34.526 | nq #  | 83       |
| 45) 1,1'-Biphenyl              | 12.86 | 154  | 1858837  | 33.353 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 12.90 | 162  | 1443709  | 35.159 | nq #  | 94       |
| 47) 2-Nitroaniline             | 13.12 | 65   | 553965   | 38.134 | nq #  | 66       |
| 48) Acenaphthylene             | 13.76 | 152  | 2181694  | 35.602 | nq    | 99       |
| 49) Dimethylphthalate          | 13.52 | 163  | 1864129  | 33.809 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 13.63 | 165  | 381122   | 34.182 | nq #  | 57       |
| 51) Acenaphthene               | 14.11 | 154  | 1334561  | 35.172 | nq    | 98       |
| 52) 3-Nitroaniline             | 13.96 | 138  | 322731   | 33.356 | nq #  | 31       |
| 53) 2,4-Dinitrophenol          | 14.17 | 184  | 514733   | 64.958 | nq #  | 86       |
| 54) Dibenzofuran               | 14.44 | 168  | 2374472  | 38.621 | nq #  | 90       |
| 55) 4-Nitrophenol              | 14.29 | 139  | 471016   | 55.409 | nq    | 93       |
| 56) 2,4-Dinitrotoluene         | 14.43 | 165  | 538266   | 34.388 | nq #  | 84       |
| 57) Fluorene                   | 15.10 | 166  | 1914955  | 35.774 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.68 | 232  | 639807   | 39.542 | nq #  | 100      |
| 59) Diethylphthalate           | 14.90 | 149  | 1928040  | 34.240 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.10 | 204  | 1183202  | 36.610 | nq    | 96       |
| 61) 4-Nitroaniline             | 15.13 | 138  | 314819   | 30.633 | nq #  | 1        |
| 62) Azobenzene                 | 15.40 | 77   | 2500646  | 41.494 | nq    | 85       |
| 64) 4,6-Dinitro-2-methylphenol | 15.19 | 198  | 343475   | 33.544 | nq    | 94       |
| 65) n-Nitrosodiphenylamine     | 15.33 | 169  | 1629654  | 37.648 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.00 | 248  | 764707   | 39.328 | nq #  | 90       |
| 67) Hexachlorobenzene          | 16.10 | 284  | 791545   | 36.025 | nq #  | 87       |
| 68) Atrazine                   | 16.29 | 200  | 629573   | 36.294 | nq    | 95       |
| 69) Pentachlorophenol          | 16.46 | 266  | 941221   | 67.475 | nq    | 98       |
| 70) Phenanthrene               | 16.84 | 178  | 2982194  | 37.655 | nq    | 98       |
| 71) Anthracene                 | 16.93 | 178  | 2970800  | 37.612 | nq    | 99       |
| 72) Carbazole                  | 17.21 | 167  | 2288341  | 33.128 | nq    | 99       |
| 73) Di-n-butylphthalate        | 17.80 | 149  | 2866636  | 34.078 | nq #  | 96       |
| 74) Fluoranthene               | 18.87 | 202  | 3273201  | 33.350 | nq    | 98       |
| 76) Benzidine                  | 19.08 | 184  | 1829004  | 61.326 | nq    | 99       |
| 77) Pyrene                     | 19.24 | 202  | 3297949  | 44.521 | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.17 | 149  | 1028130  | 39.031 | nq #  | 66       |
| 80) Benzo(a)anthracene         | 21.00 | 228  | 2695219  | 37.862 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 20.95 | 252  | 757508   | 27.126 | nq #  | 98       |
| 82) Chrysene                   | 21.06 | 228  | 2522440  | 36.915 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 20.97 | 149  | 1417707  | 36.584 | nq #  | 99       |
| 84) Di-n-octyl phthalate       | 21.81 | 149  | 2095181  | 33.313 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.20 | 276  | 2255935  | 31.878 | nq #  | 97       |
| 87) Benzo(b)fluoranthene       | 22.51 | 252  | 2256728  | 36.412 | nq #  | 93       |
| 88) Benzo(k)fluoranthene       | 22.55 | 252  | 2233276  | 37.595 | nq #  | 94       |
| 89) Benzo(a)pyrene             | 23.04 | 252  | 2111401  | 37.649 | nq #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 25.21 | 278  | 1877206  | 36.107 | nq #  | 91       |
| 91) Benzo(g,h,i)perylene       | 25.83 | 276  | 1845915  | 36.158 | nq #  | 84       |

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





#1

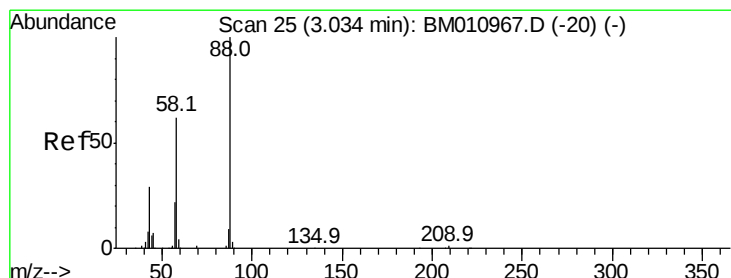
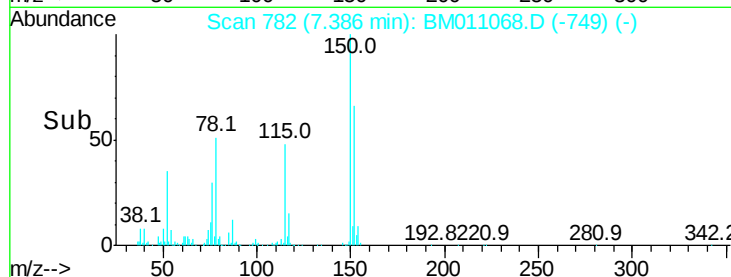
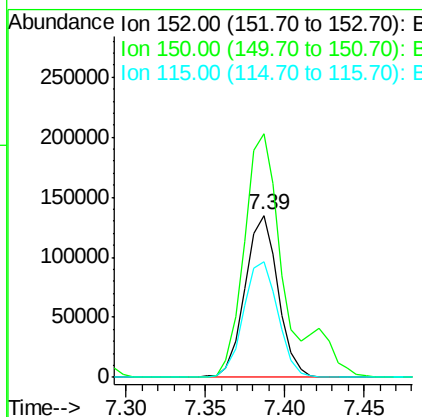
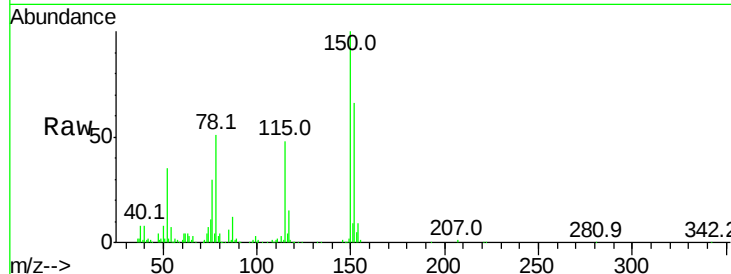
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.39 min Scan# 782  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampled :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.5 | 119.5 | 179.3 |
| 115     | 71.5  | 43.0  | 64.4# |

Manual Integrations  
APPROVED

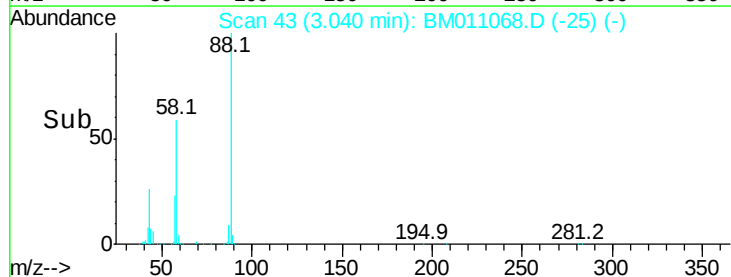
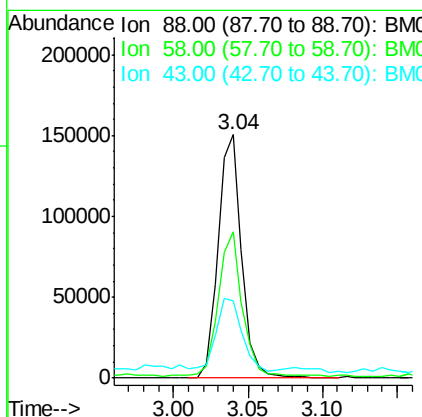
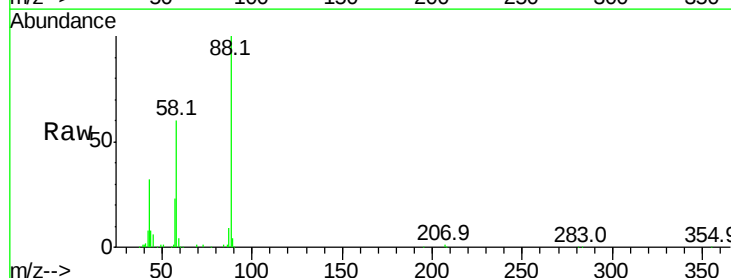
Sohil  
8/1/2017 5:45:59 PM

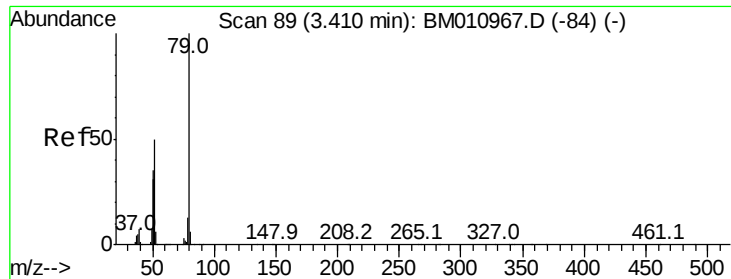


#2

1,4-Dioxane  
Concen: 32.143 ng  
RT: 3.04 min Scan# 43  
Delta R.T. 0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 59.1  | 0.0   | 0.0#  |
| 43      | 33.0  | 0.0   | 0.0#  |





#3

Pvridine

Concen: 33.612 ng

RT: 3.41 min Scan# 106

Delta R.T. -0.00 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

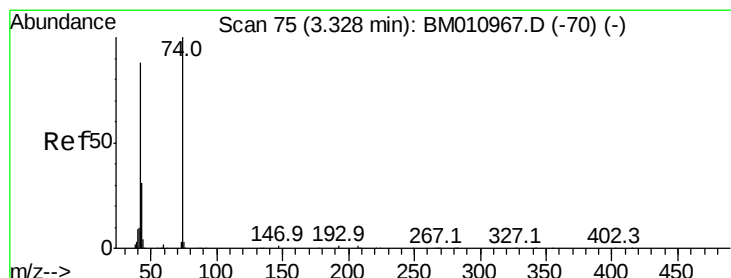
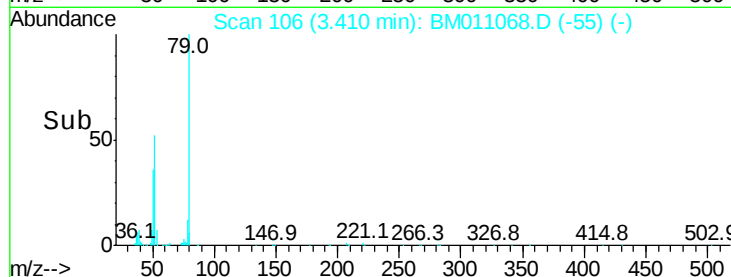
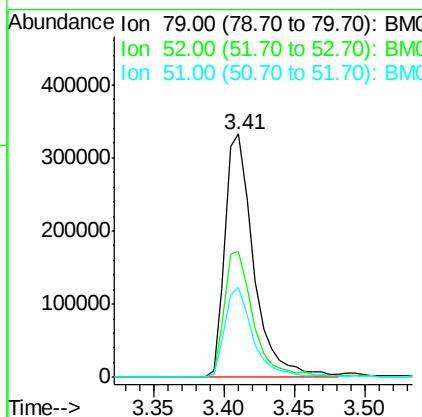
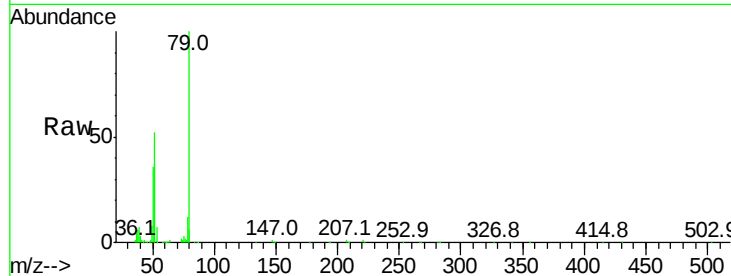
ClientSampleId :

PB101041BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 475397 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 51.9  | 51.1  | 76.7   |
| 51        | 36.7  | 26.1  | 39.1   |

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



#4

n-Nitrosodimethylamine

Concen: 43.147 ng

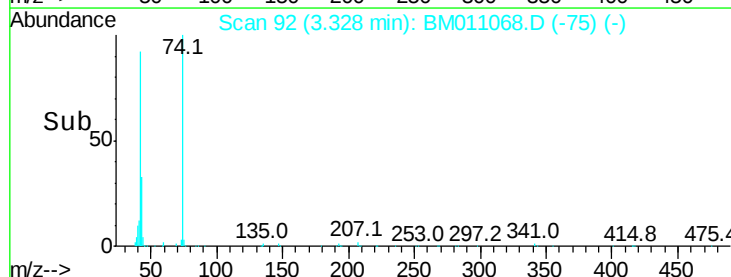
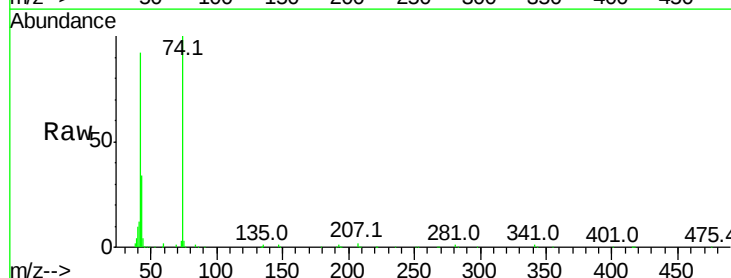
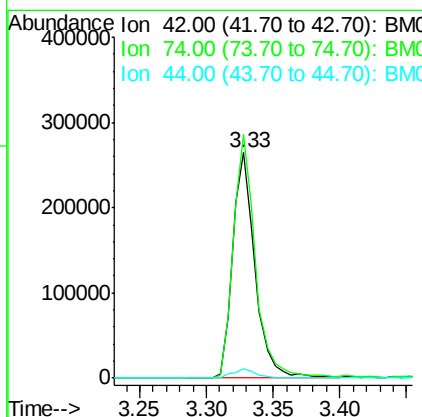
RT: 3.33 min Scan# 92

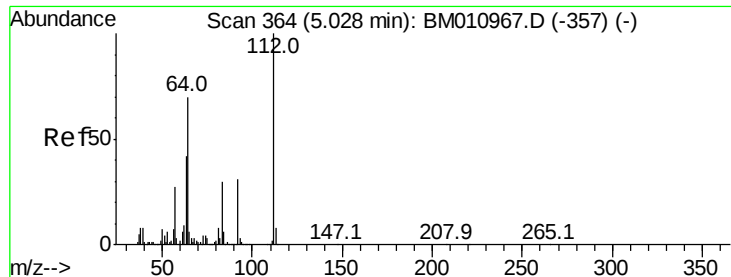
Delta R.T. -0.00 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 310989 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 108.1 | 119.3 | 178.9# |
| 44        | 3.9   | 5.4   | 8.2#   |





#5

2-Fluorophenol

Concen: 125.932 ng

RT: 5.03 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

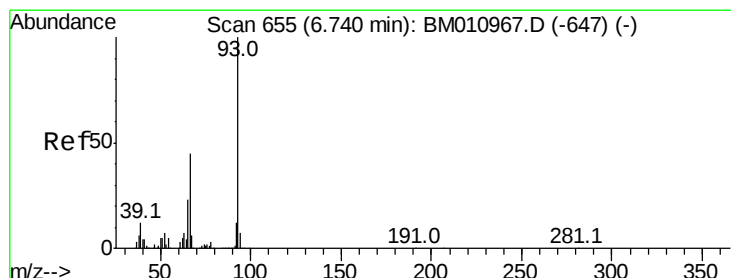
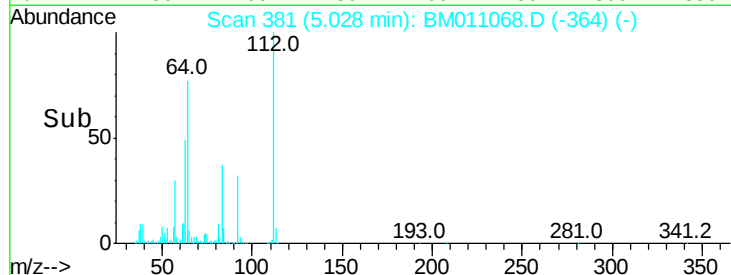
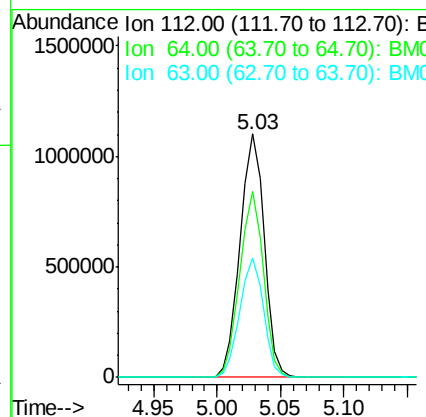
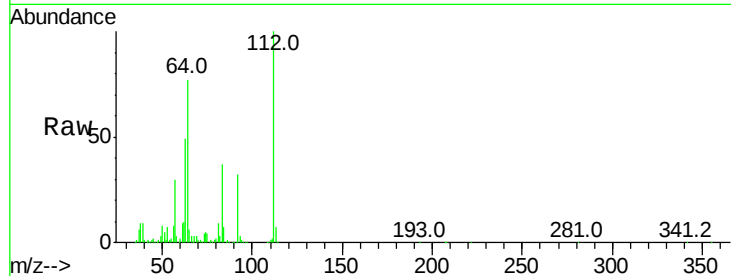
ClientSampleId :

PB101041BS

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 112   | Resp: | 1452316 |
| Ion Ratio | Lower | Upper |         |
| 112       | 100   |       |         |
| 64        | 76.5  | 38.6  | 57.8#   |
| 63        | 49.2  | 19.3  | 28.9#   |

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



#6

Aniline

Concen: 22.619 ng

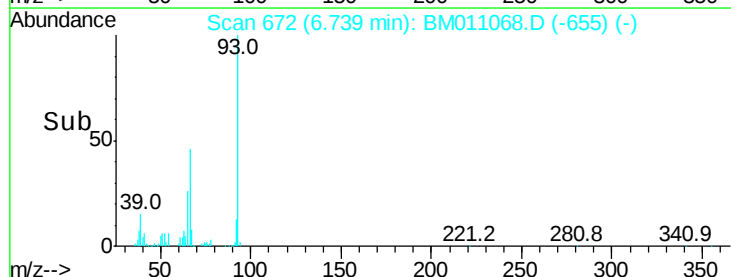
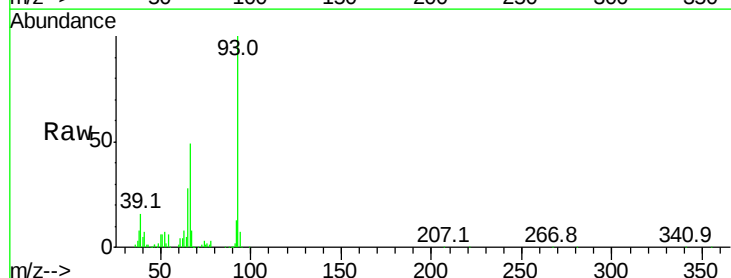
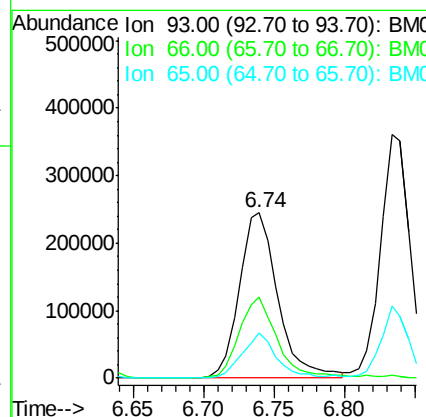
RT: 6.74 min Scan# 672

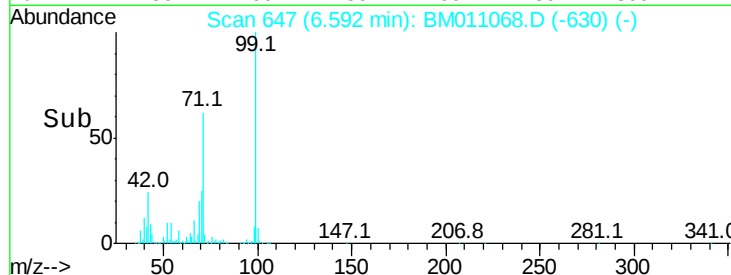
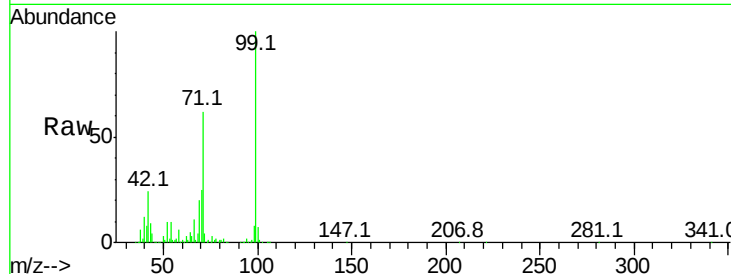
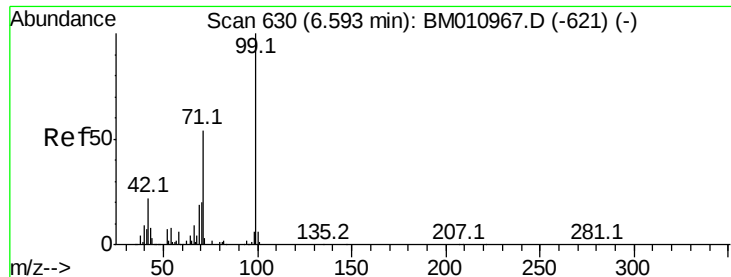
Delta R.T. -0.00 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 467107 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 49.3  | 30.8  | 46.2#  |
| 65        | 27.7  | 16.0  | 24.0#  |





#7

Phenol-d6

Concen: 121.596 ng

RT: 6.59 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

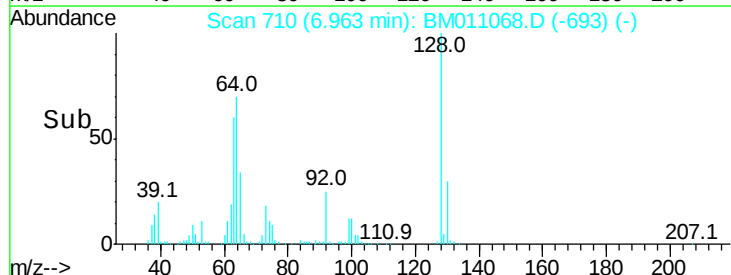
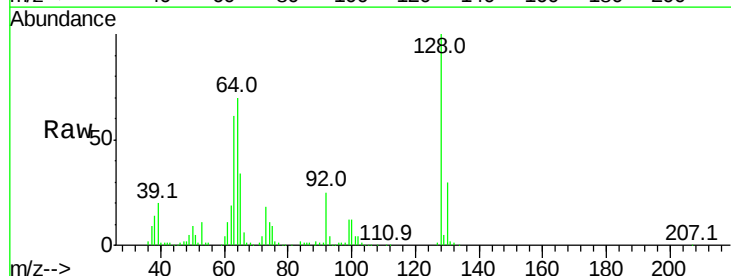
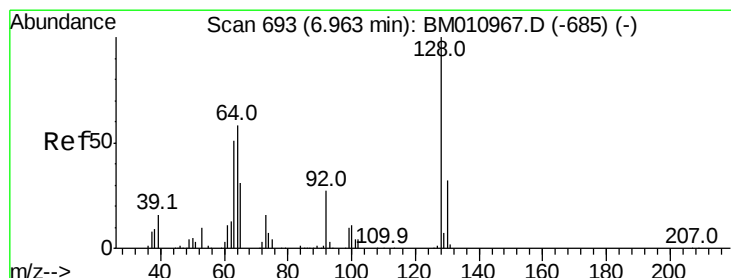
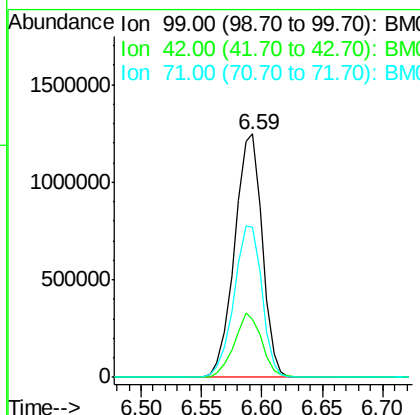
Tot Ion: 99 Resp: 1992426

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.1  | 11.0  | 16.4# |
| 71  | 61.7  | 23.4  | 35.2# |

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



#8

2-Chlorophenol

Concen: 37.510 ng

RT: 6.96 min Scan# 710

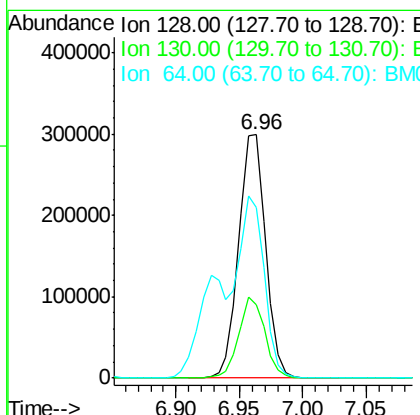
Delta R.T. -0.00 min

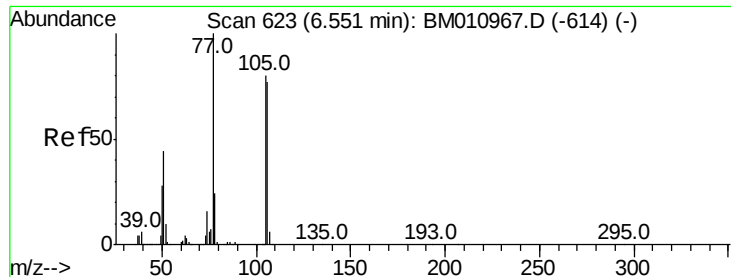
Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Tgt Ion:128 Resp: 439189

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 29.9  | 12.0  | 52.0  |
| 64  | 69.9  | 24.9  | 64.9# |





#9

Benzaldehyde

Concen: 47.075 ng

RT: 6.55 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

ClientSampleId :

PB101041BS

Tot Ion: 77 Resp: 499086  
Ion Ratio Lower Upper

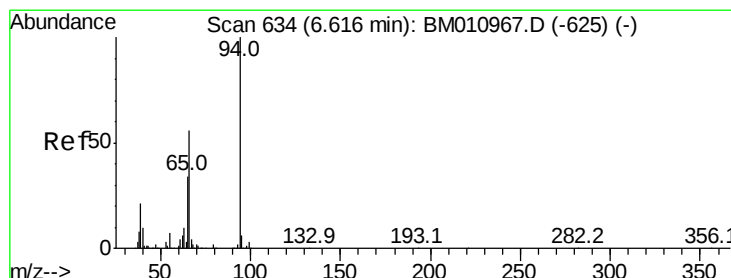
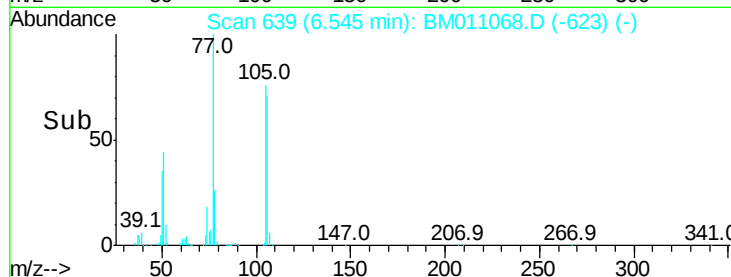
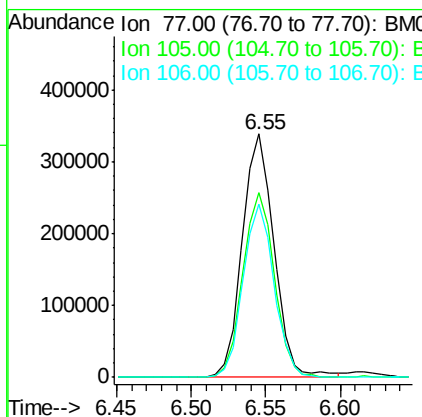
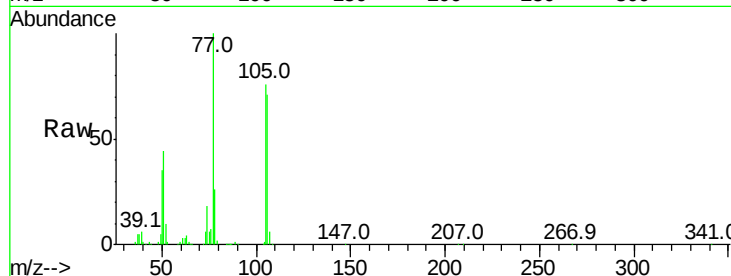
77 100

105 75.7 78.8 118.8#

106 71.4 73.7 113.7#

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



#10

Phenol

Concen: 38.957 ng

RT: 6.62 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM011068.D

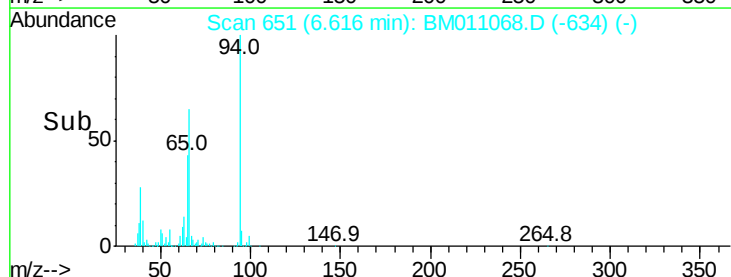
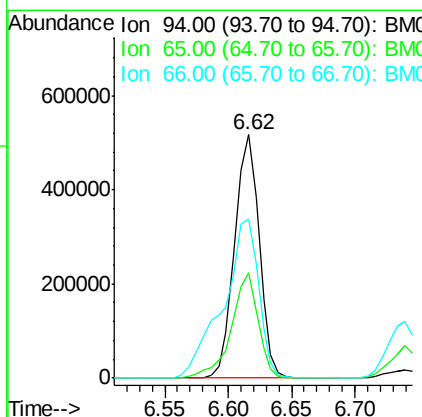
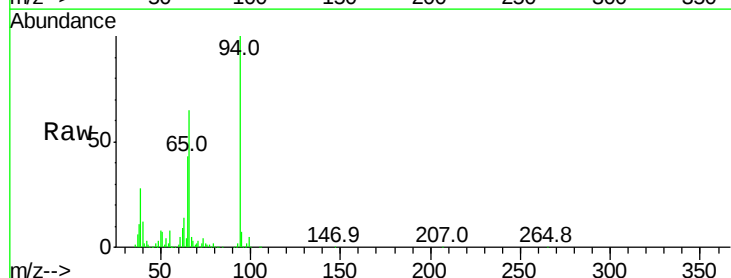
Acq: 31 Jul 2017 15:18

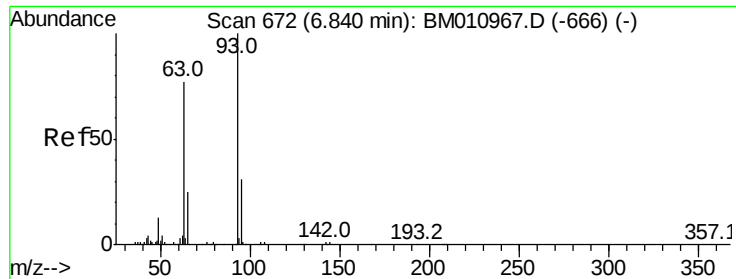
Tgt Ion: 94 Resp: 693327  
Ion Ratio Lower Upper

94 100

65 43.2 18.8 58.8

66 65.4 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 37.202 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

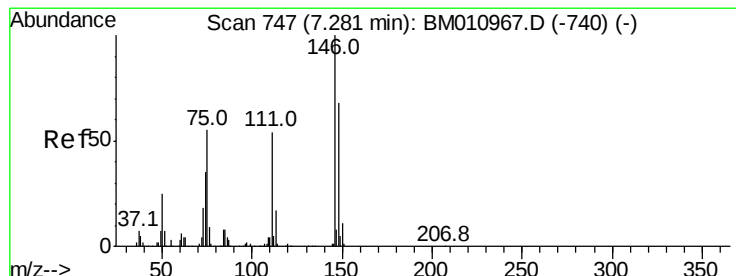
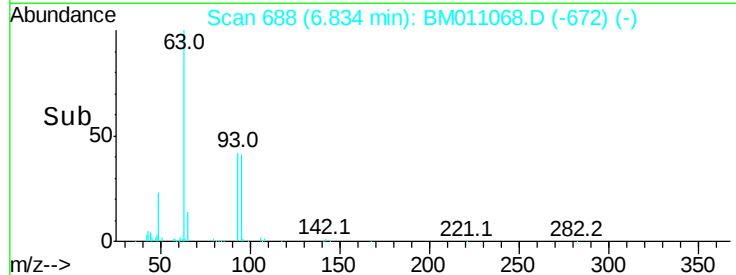
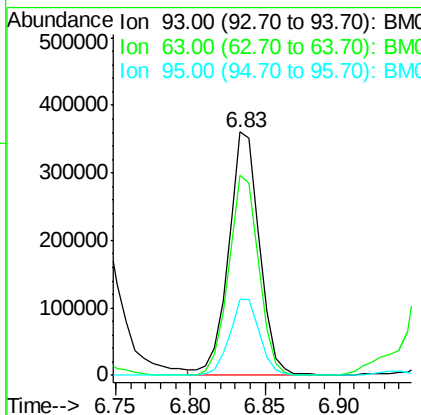
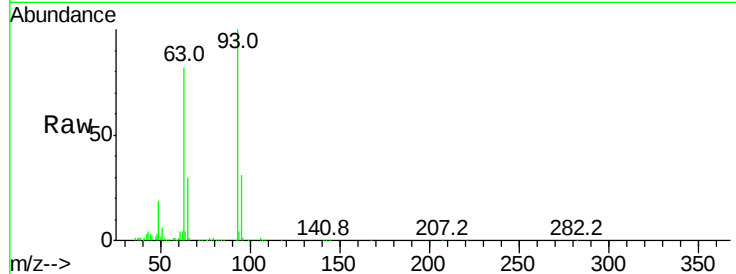
ClientSampleId :

PB101041BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 515884 |       |       |
| 63      | 82.0  | 49.5   | 89.5  |       |
| 95      | 31.2  | 13.5   | 53.5  |       |

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



#12

1,3-Dichlorobenzene

Concen: 36.291 ng

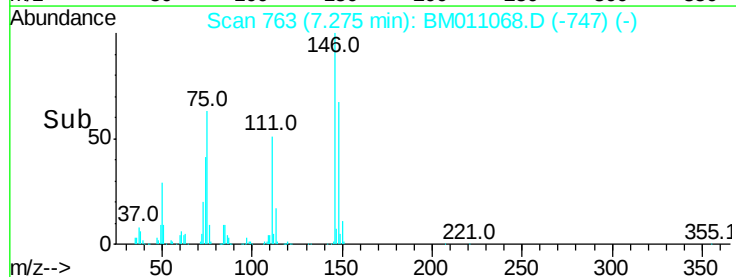
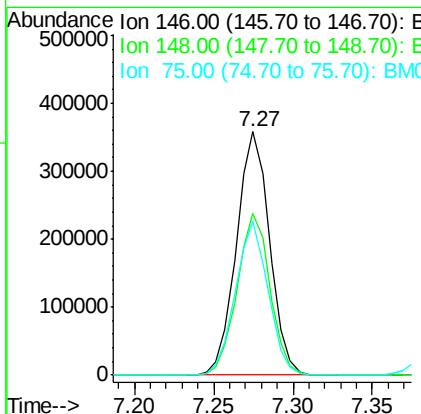
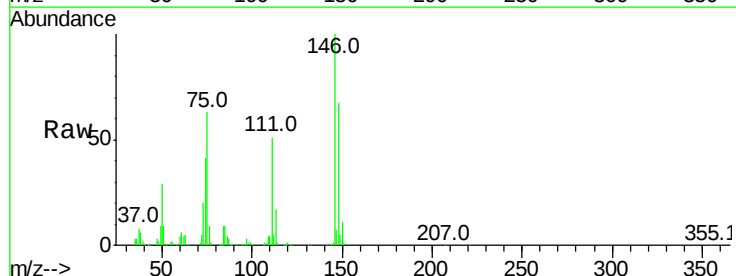
RT: 7.27 min Scan# 763

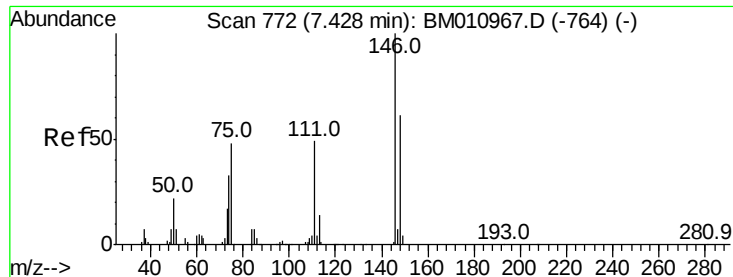
Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 517856 |       |       |
| 148     | 66.7  | 50.9   | 76.3  |       |
| 75      | 63.0  | 21.4   | 32.2  |       |





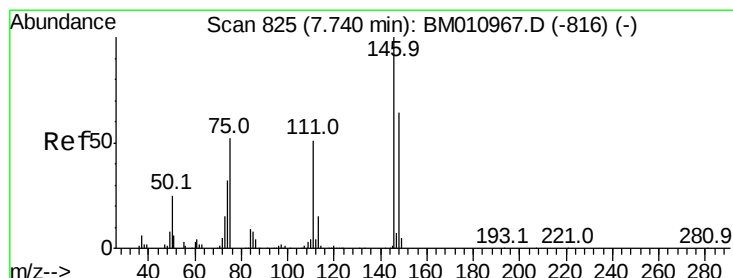
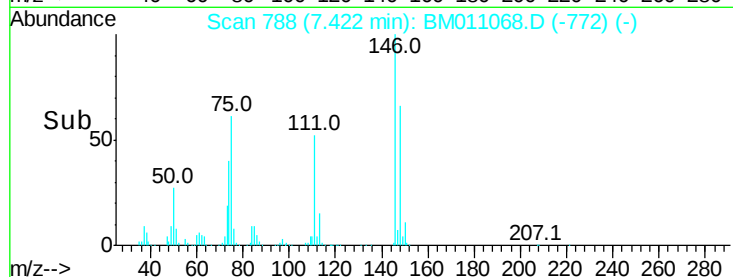
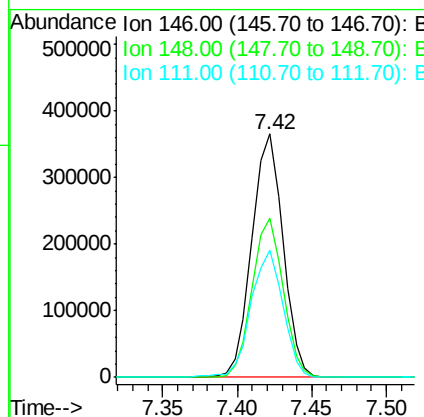
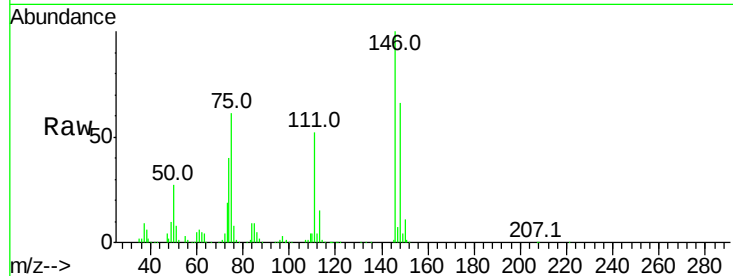
#13  
 1,4-Dichlorobenzene  
 Concen: 36.100 ng  
 RT: 7.42 min Scan# 788  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 51.9  | 77.9  |
| 111     | 52.2  | 29.2  | 43.8  |

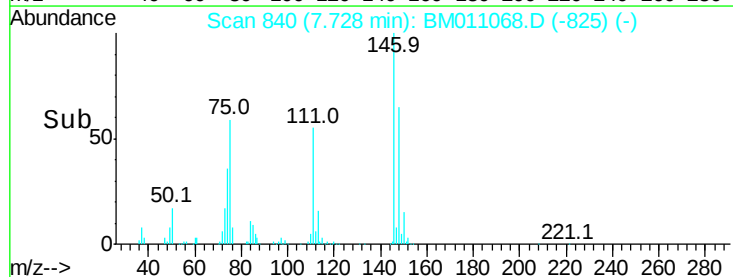
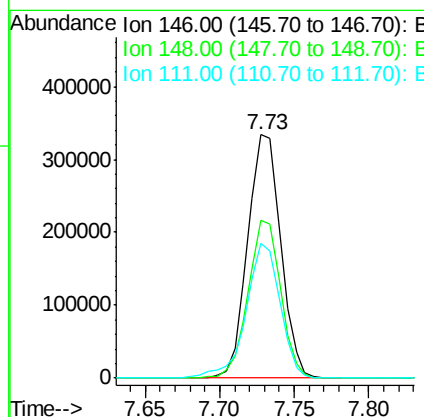
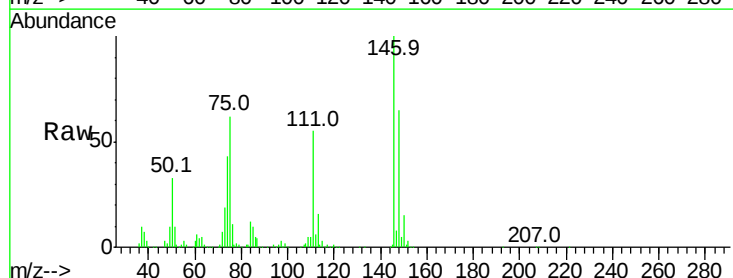
Manual Integrations  
 APPROVED

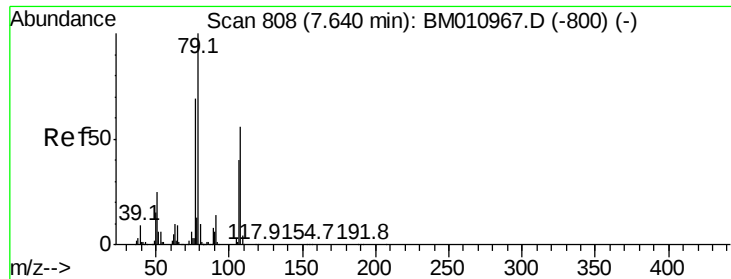
Sohil  
 8/1/2017 5:45:59 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 36.508 ng  
 RT: 7.73 min Scan# 840  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 52.3  | 78.5  |
| 111     | 55.2  | 30.6  | 45.8  |





#15

Benzyl Alcohol

Concen: 41.192 ng

RT: 7.63 min Scan# 824

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

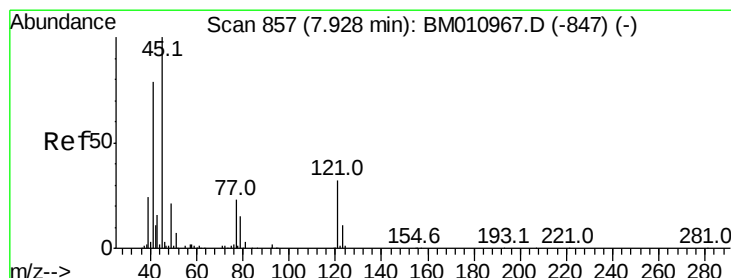
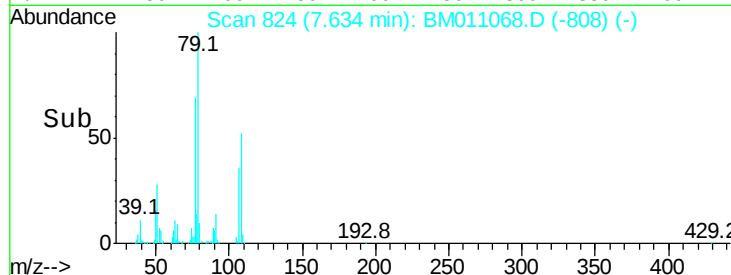
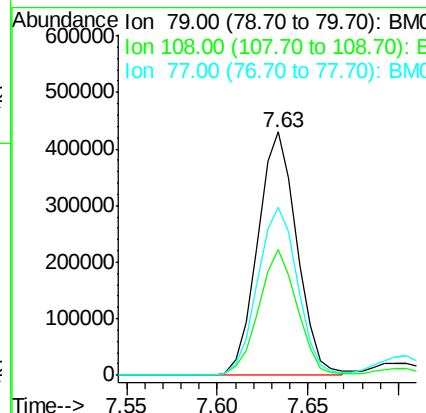
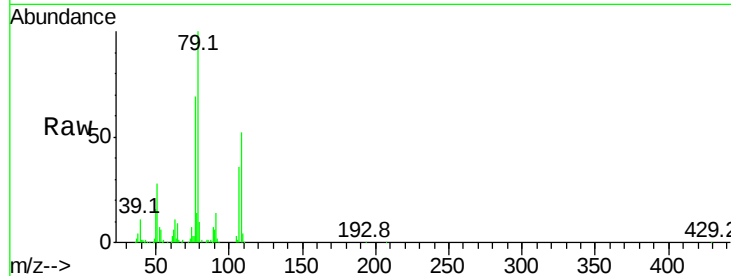
ClientSampled :

PB101041BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 647497 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 51.6  | 65.0  | 97.4#  |
| 77        | 69.0  | 53.0  | 79.6   |

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.388 ng

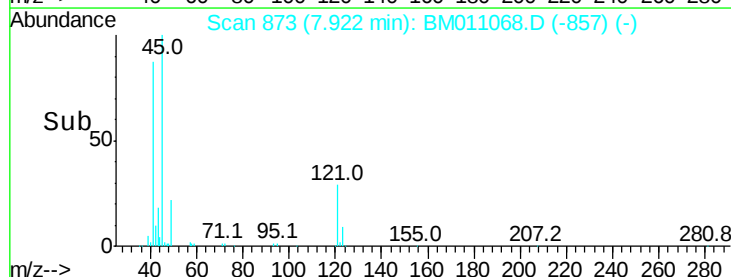
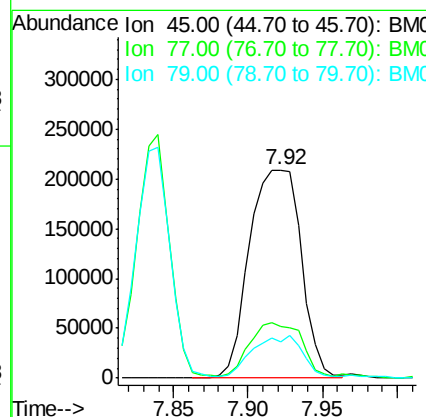
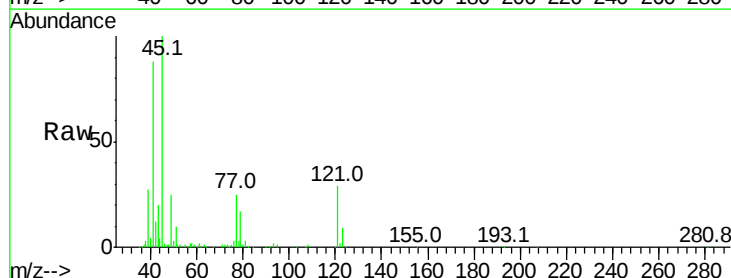
RT: 7.92 min Scan# 873

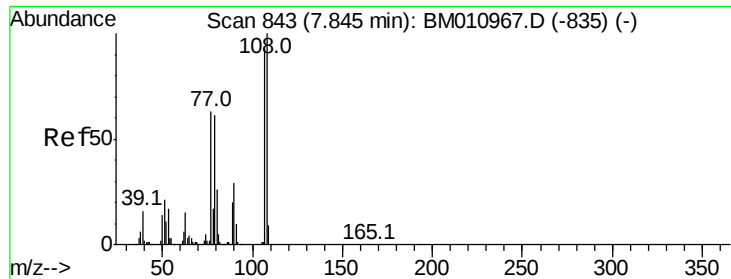
Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 503977 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 24.5  | 0.0   | 35.2   |
| 79        | 17.4  | 0.0   | 32.0   |





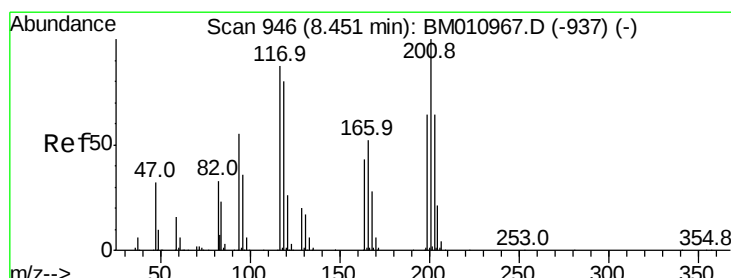
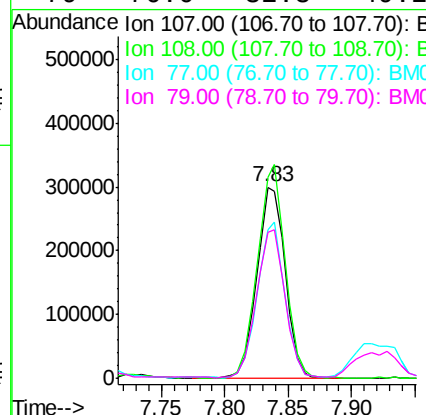
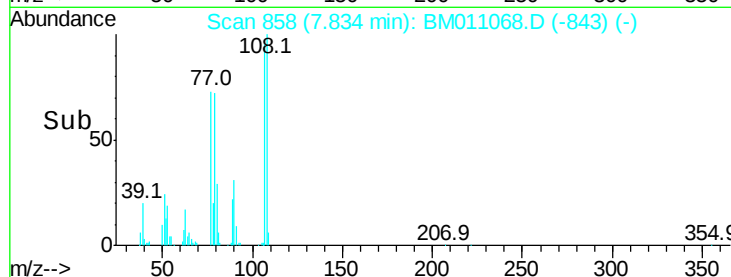
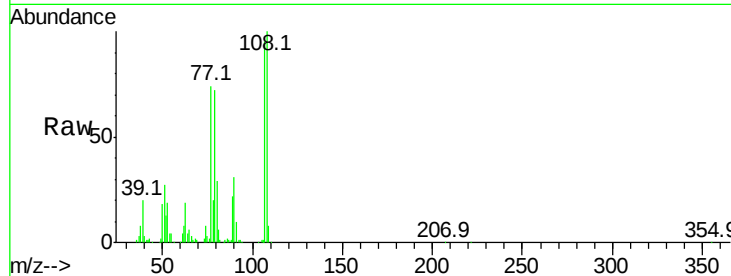
#17  
2-Methylphenol  
Concen: 41.017 ng  
RT: 7.83 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleID :  
PB101041BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 105.2 | 89.8 | 134.8 |       |
| 77      | 77.6  | 32.6 | 48.8# |       |
| 79      | 76.0  | 32.8 | 49.2# |       |

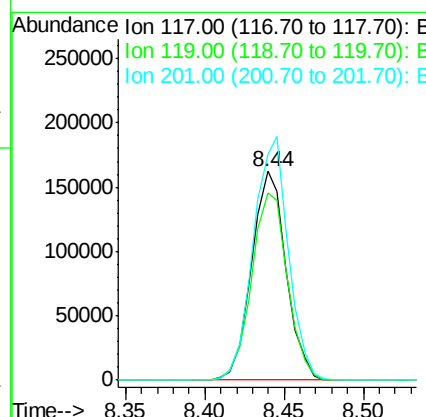
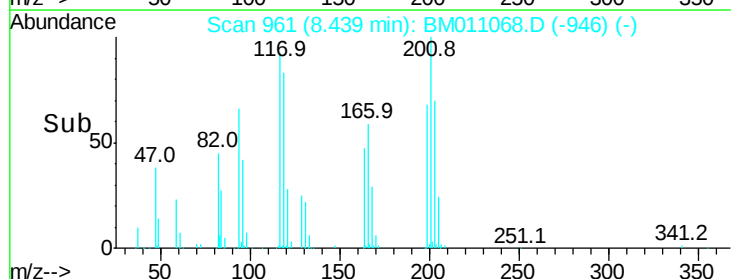
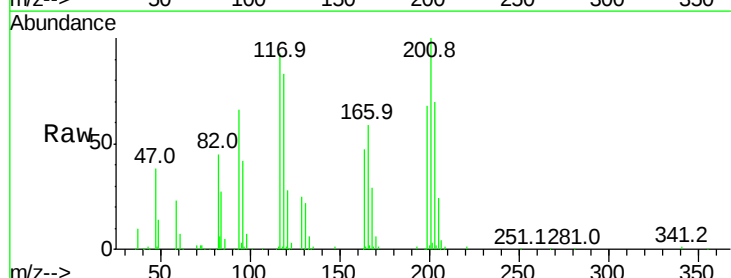
Manual Integrations  
APPROVED

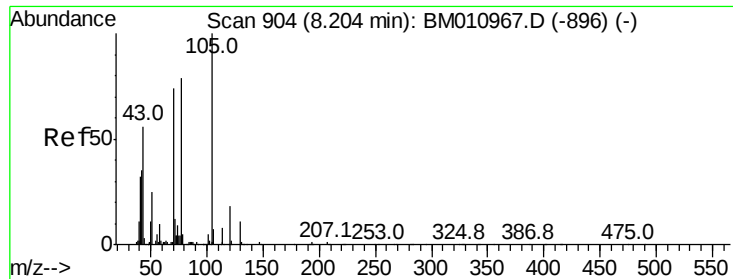
Sohil  
8/1/2017 5:45:59 PM



#18  
Hexachloroethane  
Concen: 38.492 ng  
RT: 8.44 min Scan# 961  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 90.0  | 79.2 | 118.8  |       |
| 201     | 108.0 | 69.8 | 104.6# |       |





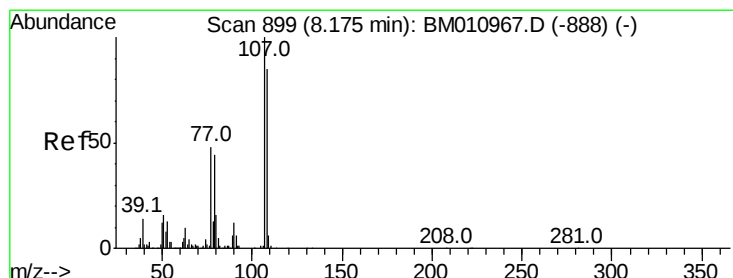
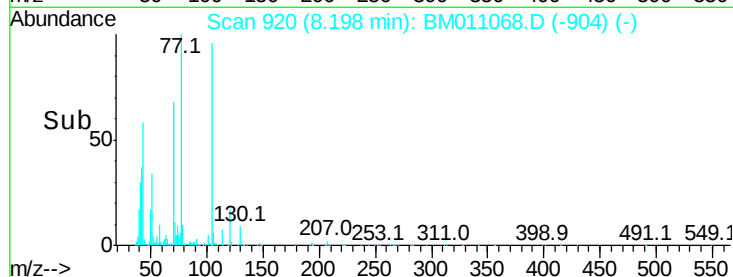
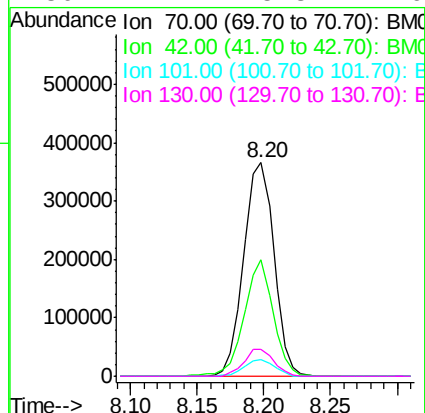
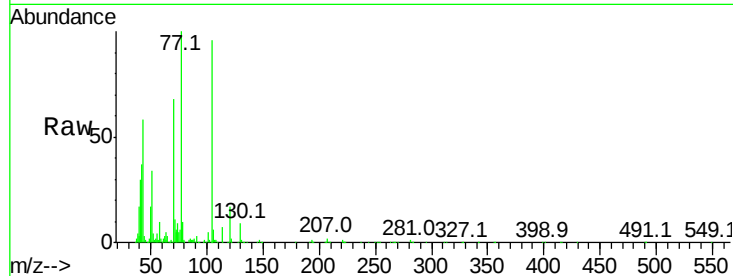
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.264 ng  
RT: 8.20 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 54.3  | 44.5  | 66.7  |
| 101     | 8.0   | 7.4   | 11.2  |
| 130     | 12.7  | 15.3  | 22.9  |

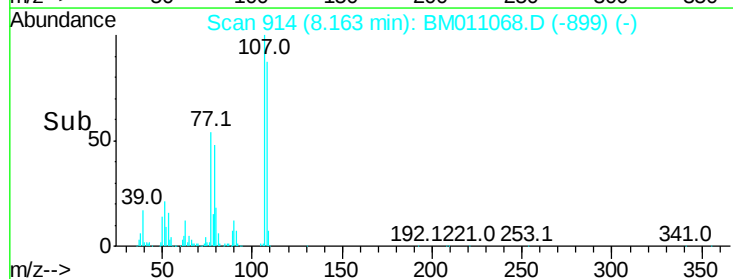
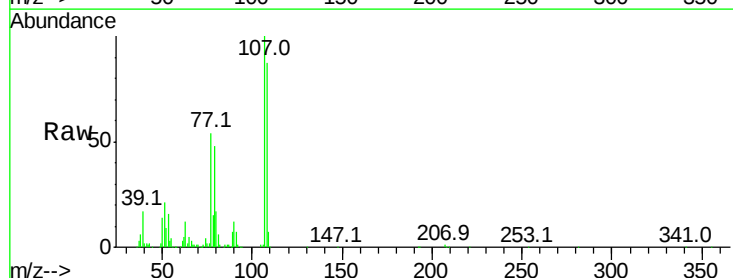
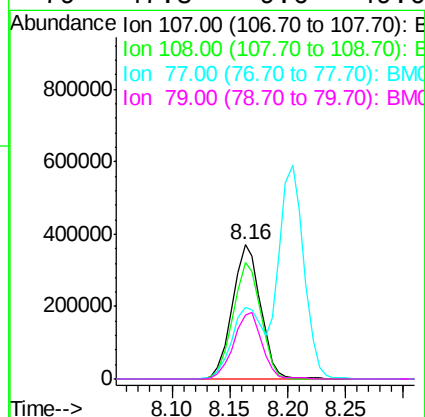
Manual Integrations  
APPROVED

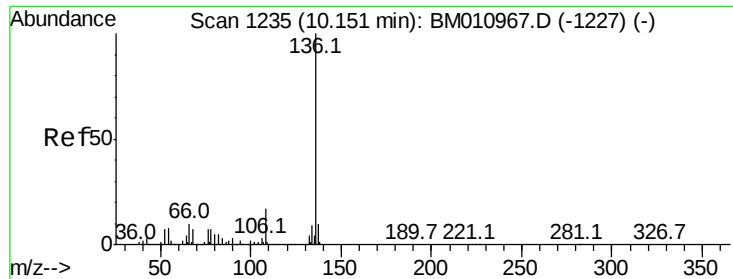
Sohil  
8/1/2017 5:45:59 PM



#20  
3+4-Methylphenols  
Concen: 39.779 ng  
RT: 8.16 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.2  | 73.2  | 113.2 |
| 77      | 53.8  | 10.7  | 50.7  |
| 79      | 47.8  | 9.6   | 49.6  |





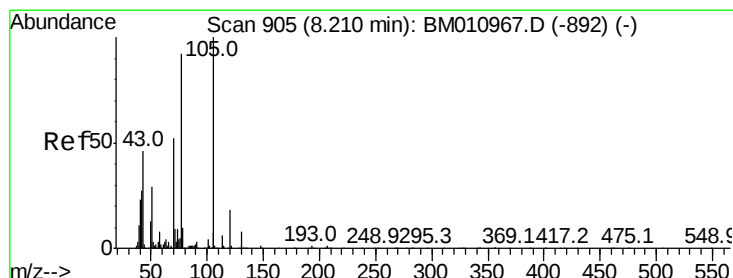
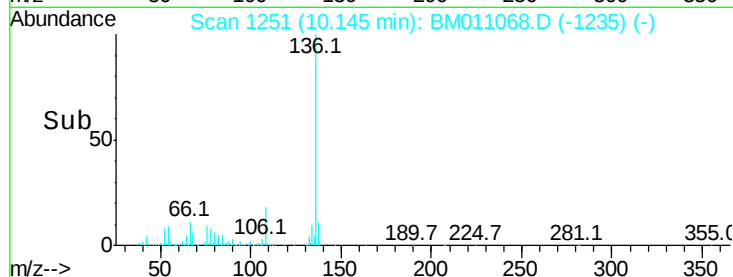
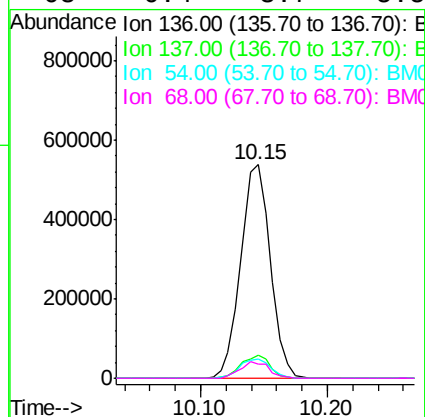
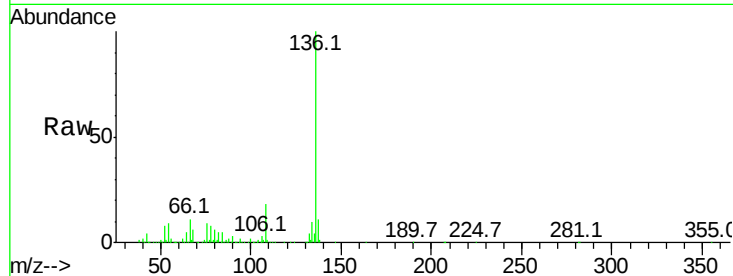
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.15 min Scan# 1251  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 136     | 100  |       |      |       |       |
| 137     | 10.9 |       | 8.7  | 13.1  |       |
| 54      | 9.1  |       | 4.6  | 6.8#  |       |
| 68      | 6.4  |       | 3.7  | 5.5#  |       |

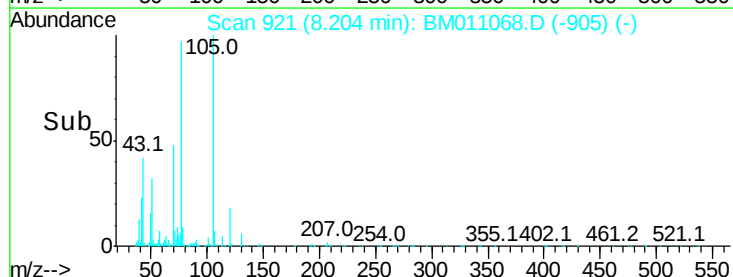
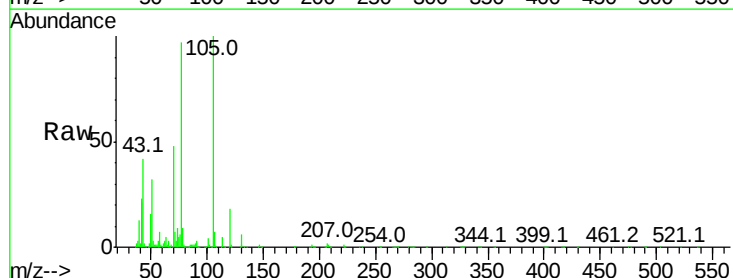
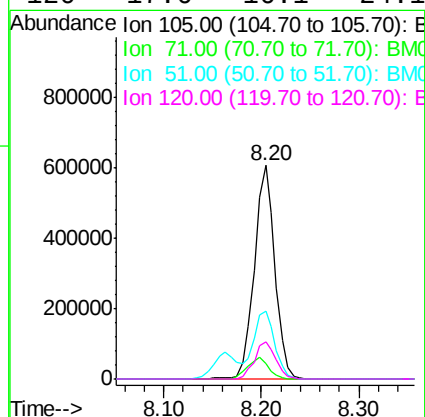
Manual Integrations  
APPROVED

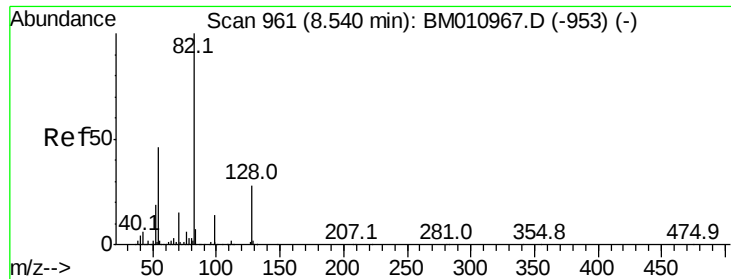
Sohil  
8/1/2017 5:45:59 PM



#22  
Acetophenone  
Concen: 34.397 ng  
RT: 8.20 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 105     | 100  |       |      |       |       |
| 71      | 7.3  |       | 0.6  | 1.0#  |       |
| 51      | 31.7 |       | 21.6 | 32.4  |       |
| 120     | 17.6 |       | 16.1 | 24.1  |       |





#23

Nitrobenzene-d5

Concen: 75.894 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

ClientSampleId :

PB101041BS

Tot Ion: 82 Resp: 1759623

Ion Ratio Lower Upper

82 100

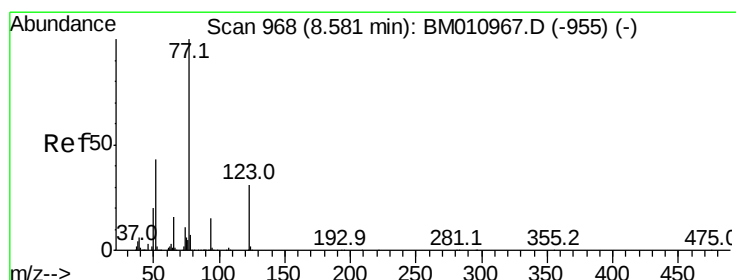
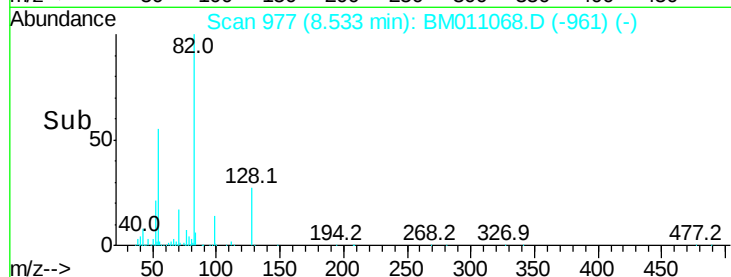
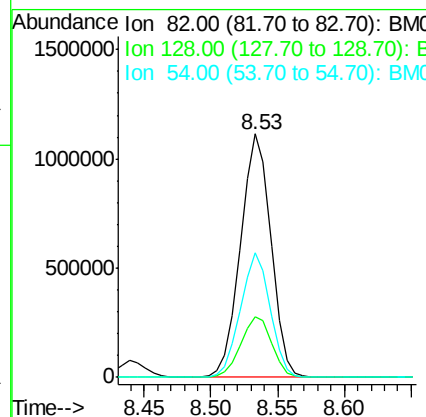
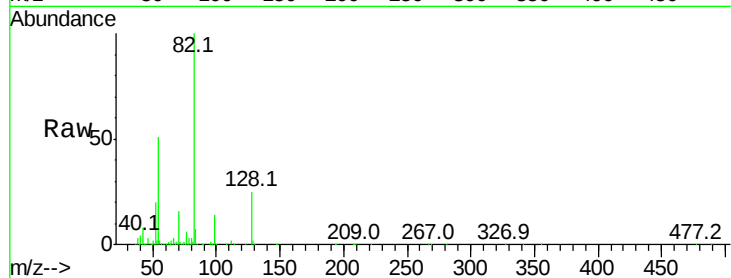
128 24.9 32.8 49.2#

54 50.9 40.6 60.8

Manual Integrations  
APPROVED

Sohil

8/1/2017 5:45:59 PM



#24

Nitrobenzene

Concen: 37.272 ng

RT: 8.57 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

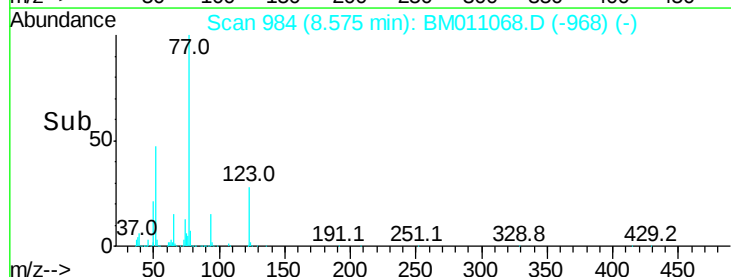
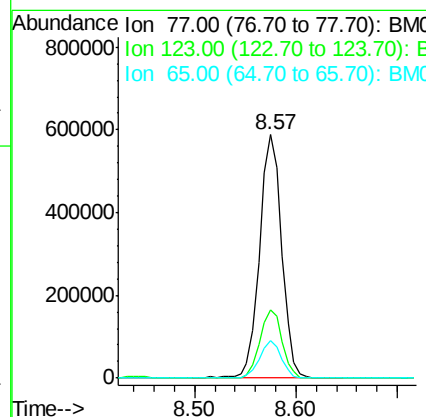
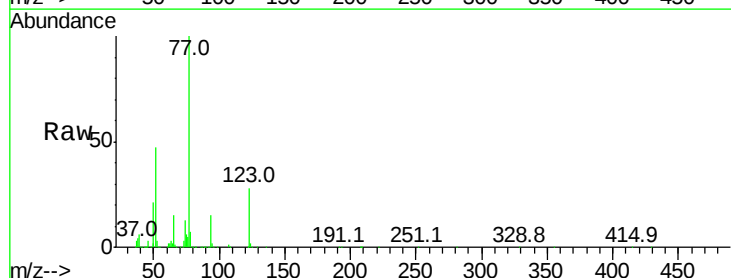
Tgt Ion: 77 Resp: 895473

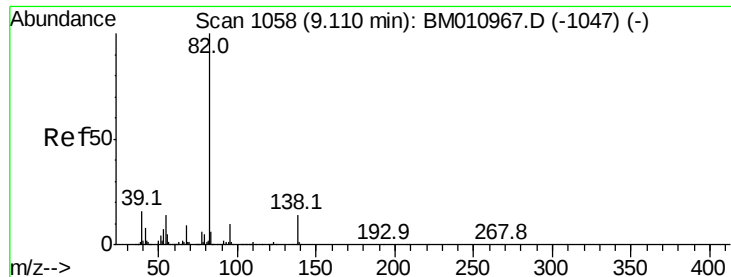
Ion Ratio Lower Upper

77 100

123 28.2 32.6 49.0#

65 15.2 10.9 16.3





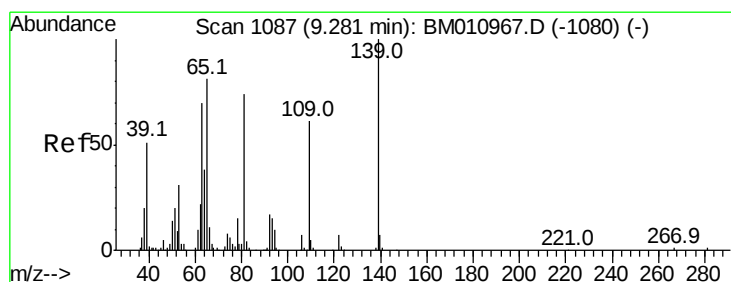
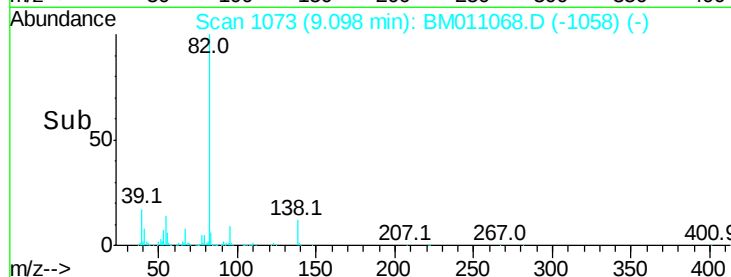
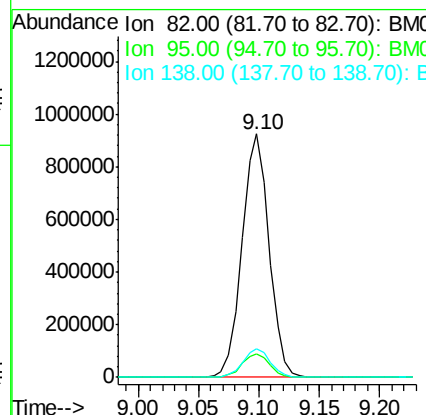
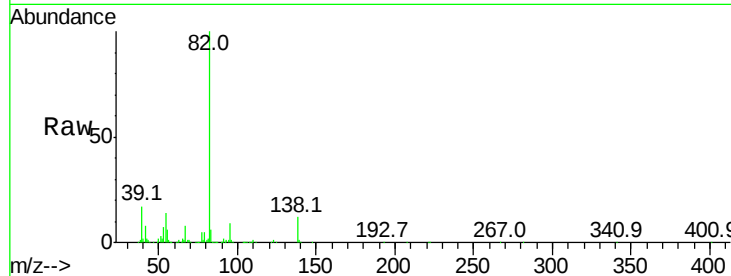
#25  
Isophorone  
Concen: 37.242 ng  
RT: 9.10 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 9.4   | 5.8   | 8.6#  |
| 138     | 11.7  | 16.3  | 24.5# |

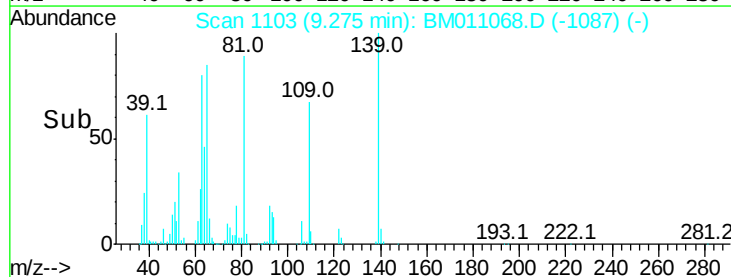
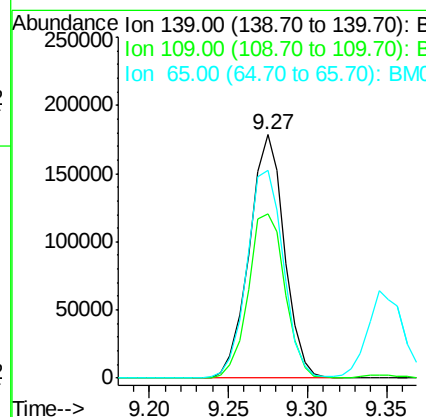
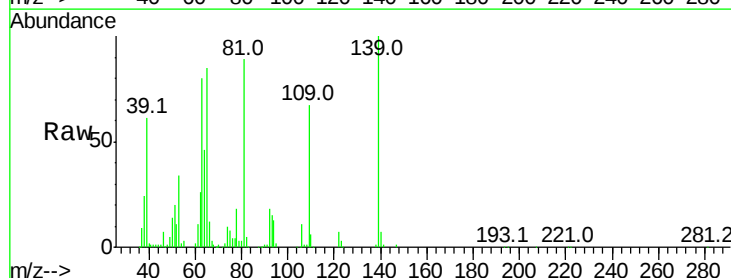
Manual Integrations  
APPROVED

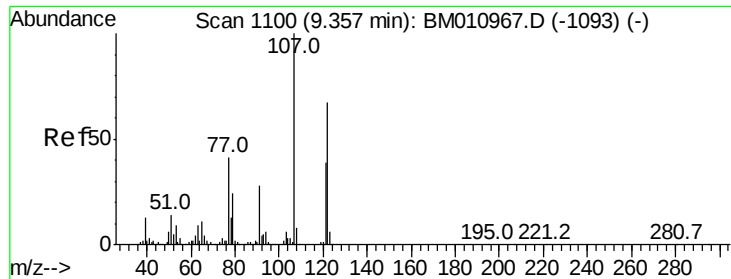
Sohil  
8/1/2017 5:45:59 PM



#26  
2-Nitrophenol  
Concen: 35.967 ng  
RT: 9.27 min Scan# 1103  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 67.2  | 20.1  | 30.1# |
| 65      | 85.2  | 31.5  | 47.3# |





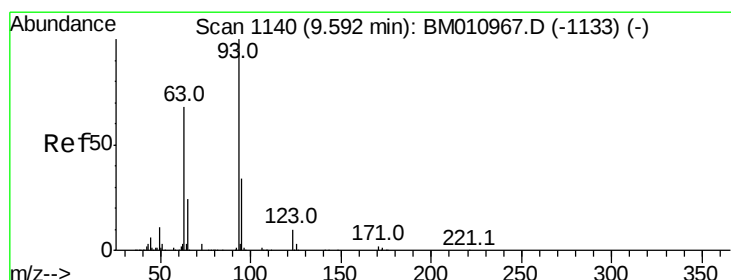
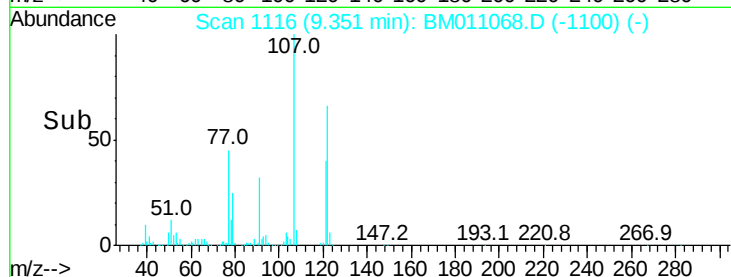
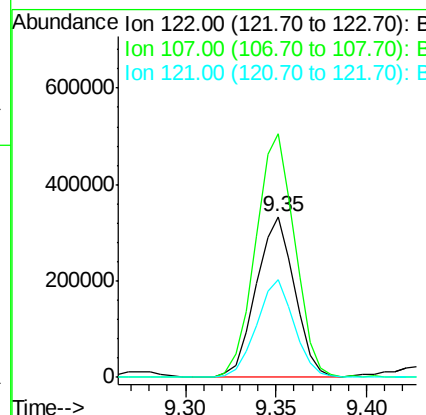
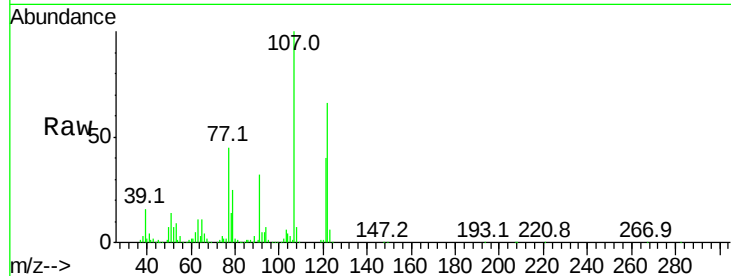
#27  
2,4-Dimethylphenol  
Concen: 36.509 ng  
RT: 9.35 min Scan# 1116  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 151.4 | 84.7  | 127.1# |
| 121     | 60.6  | 46.6  | 69.8   |

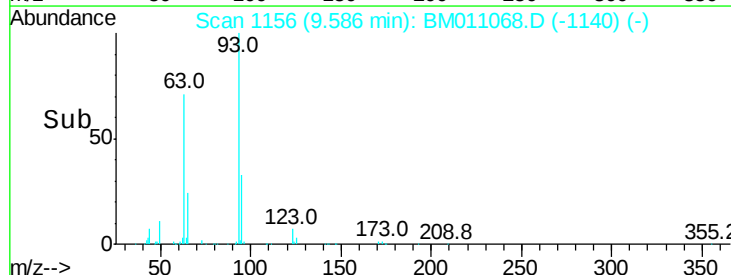
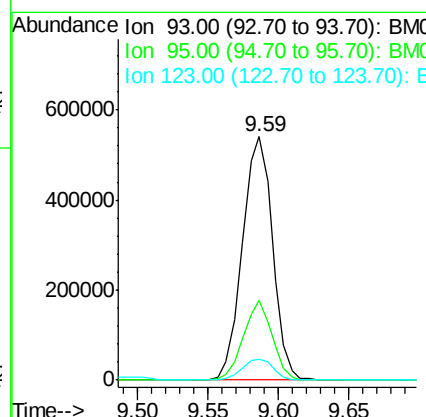
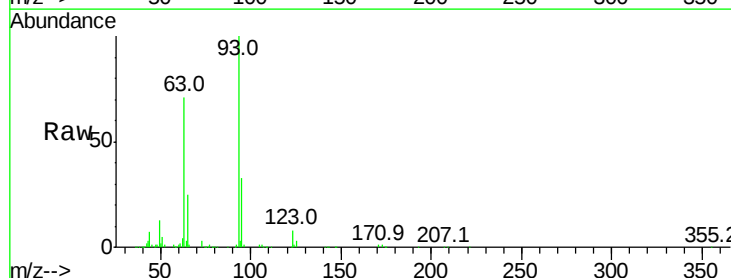
Manual Integrations  
APPROVED

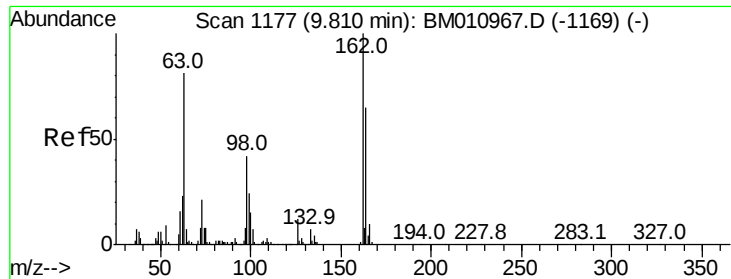
Sohil  
8/1/2017 5:45:59 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.503 ng  
RT: 9.59 min Scan# 1156  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 25.5  | 38.3  |
| 123     | 8.4   | 8.6   | 13.0# |





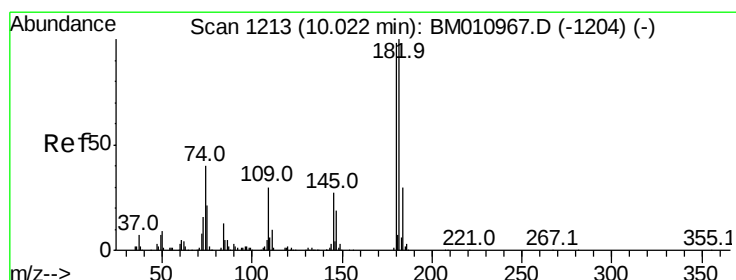
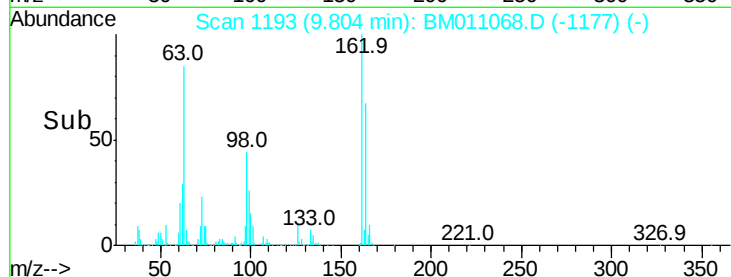
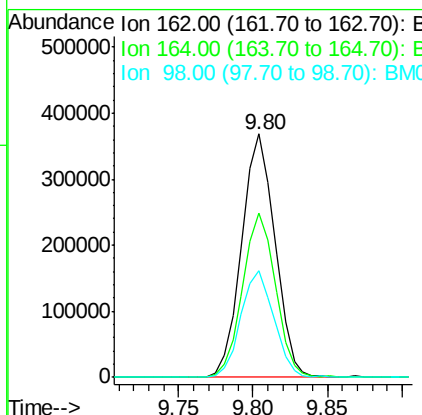
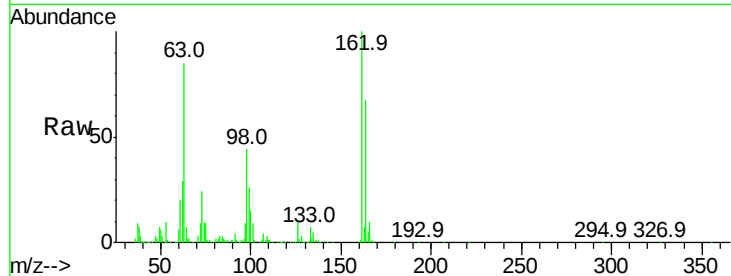
#29  
 2,4-Dichlorophenol  
 Concen: 37.807 ng  
 RT: 9.80 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 571724 |       |       |
| 164     | 67.4  | 42.8   | 82.8  |       |
| 98      | 44.0  | 14.5   | 54.5  |       |

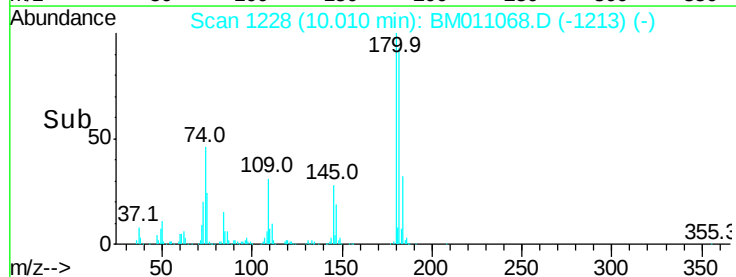
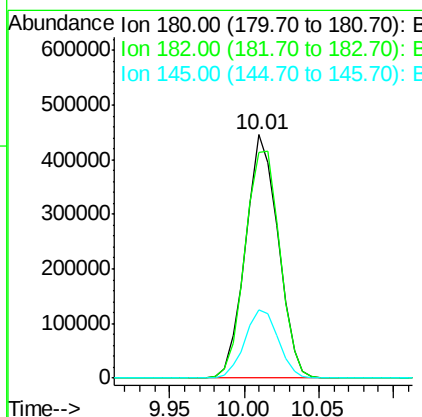
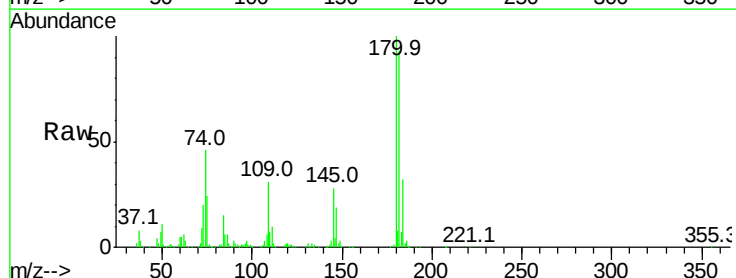
Manual Integrations  
 APPROVED

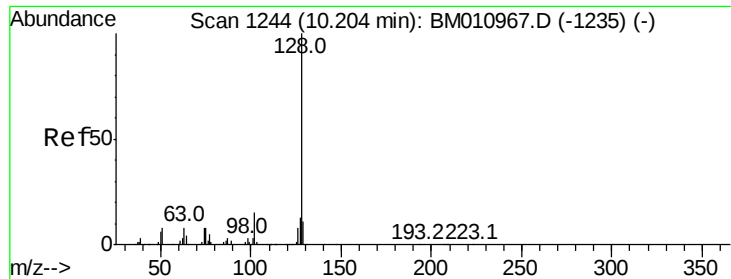
Sohil  
 8/1/2017 5:45:59 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.138 ng  
 RT: 10.01 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 675695 |       |       |
| 182     | 92.8  | 77.6   | 116.4 |       |
| 145     | 28.2  | 23.4   | 35.2  |       |





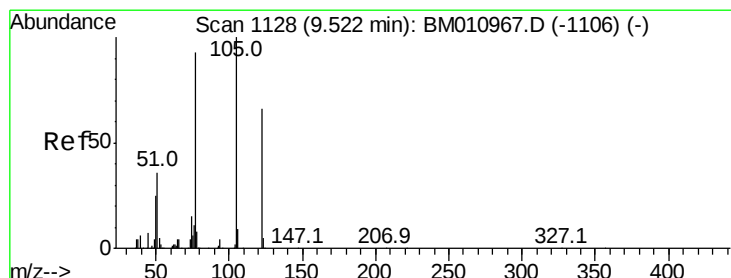
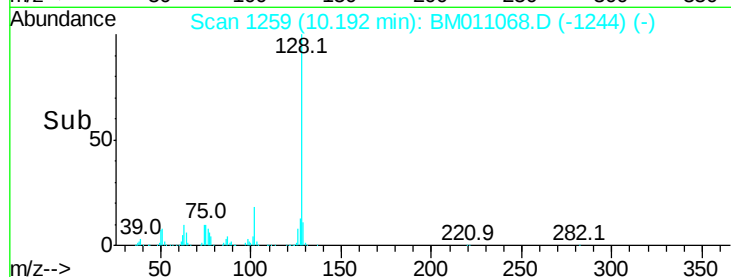
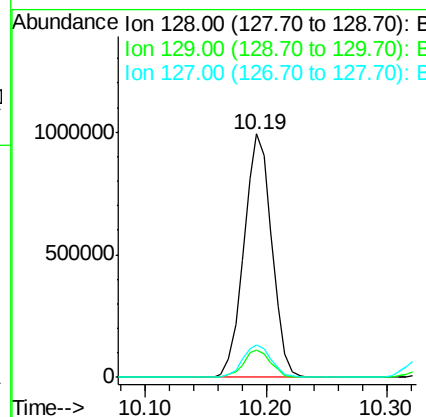
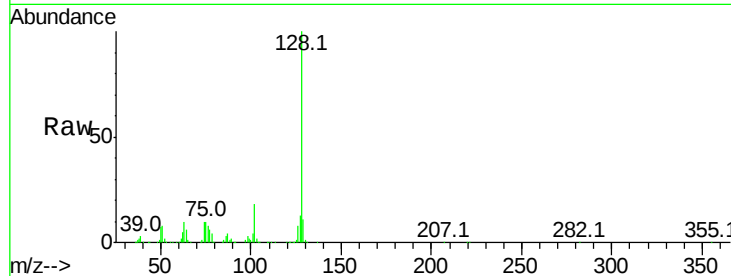
#31  
Naphthalene  
Concen: 36.344 ng  
RT: 10.19 min Scan# 1259  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.9   | 13.3  |
| 127     | 13.1  | 10.4  | 15.6  |

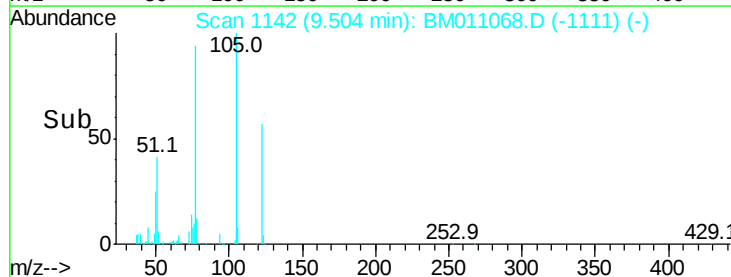
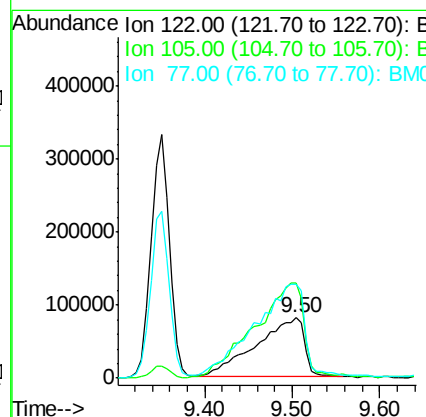
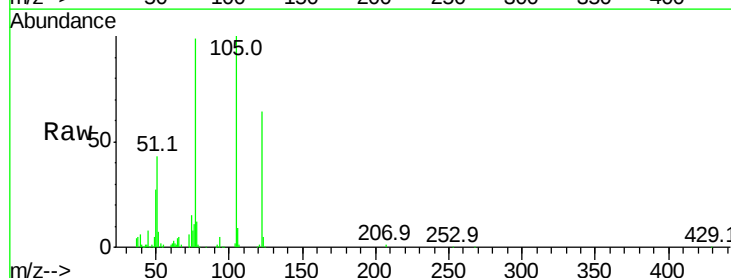
Manual Integrations  
APPROVED

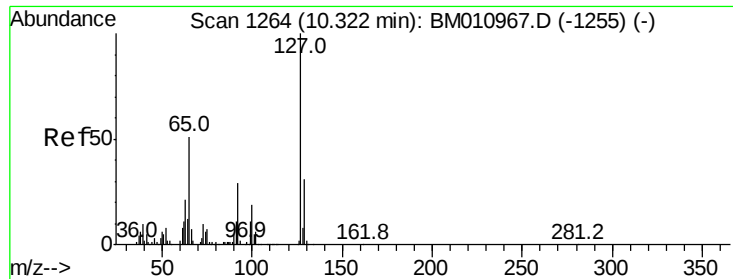
Sohil  
8/1/2017 5:45:59 PM



#32  
Benzoic acid  
Concen: 28.814 ng  
RT: 9.50 min Scan# 1142  
Delta R.T. -0.02 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 157.5 | 99.9  | 139.9# |
| 77      | 155.7 | 73.7  | 113.7# |





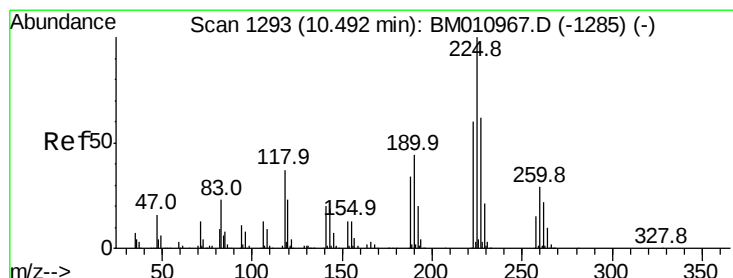
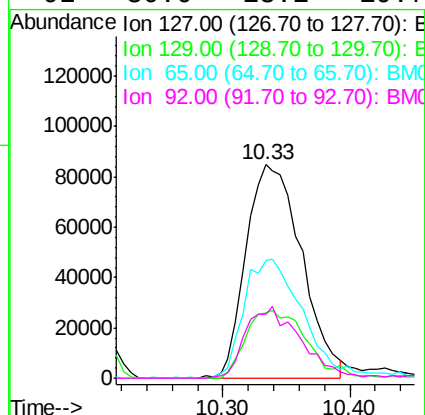
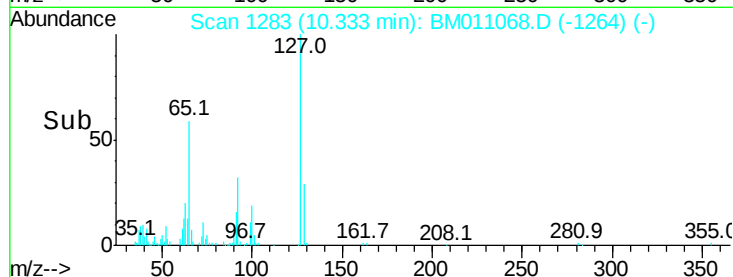
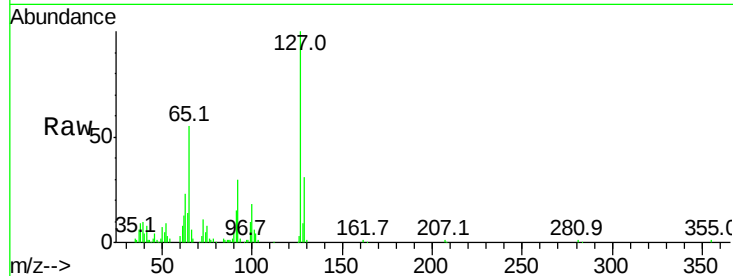
#33  
4-Chloroaniline  
Concen: 14.792 ng  
RT: 10.33 min Scan# 1283  
Delta R.T. 0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 30.9  | 25.3       | 37.9  |
| 65      | 55.3  | 17.6       | 26.4  |
| 92      | 30.0  | 13.1       | 19.7  |

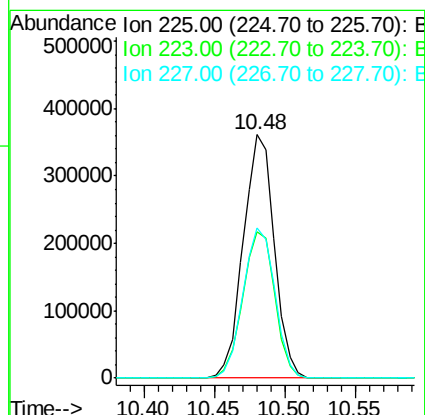
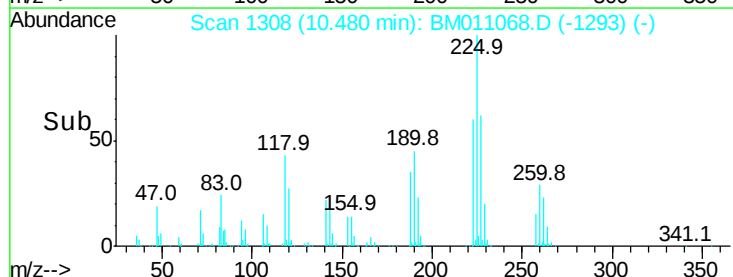
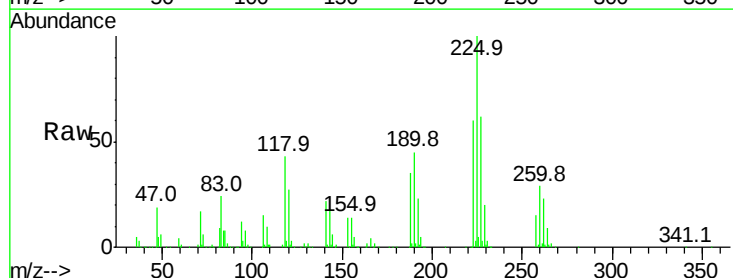
Manual Integrations  
APPROVED

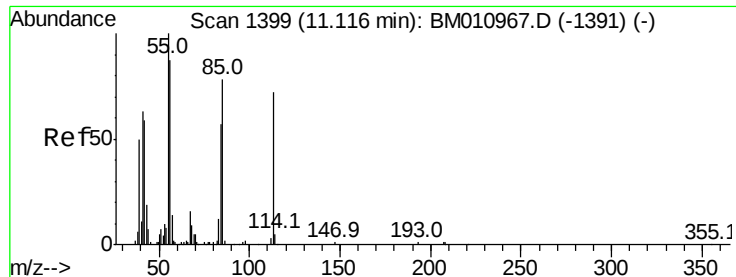
Sohil  
8/1/2017 5:45:59 PM



#34  
Hexachlorobutadiene  
Concen: 37.726 ng  
RT: 10.48 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 59.9  | 47.9       | 71.9  |
| 227     | 61.7  | 50.1       | 75.1  |





#35

Caprolactam

Concen: 33.064 ng/ml

RT: 11.11 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

ClientSampleId :

PB101041BS

Tot Ion:113 Resp: 141795

Ion Ratio Lower Upper

113 100

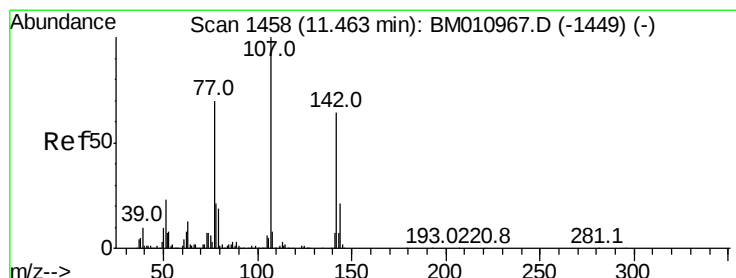
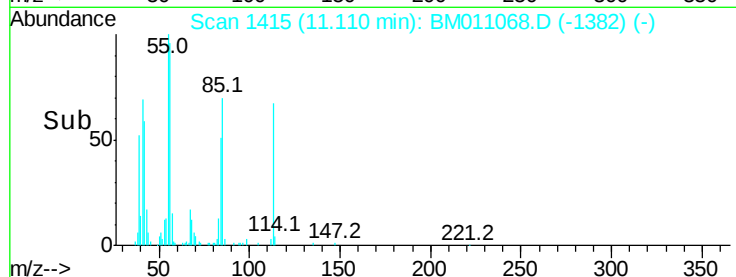
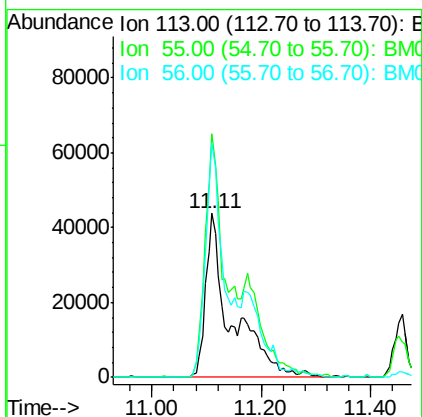
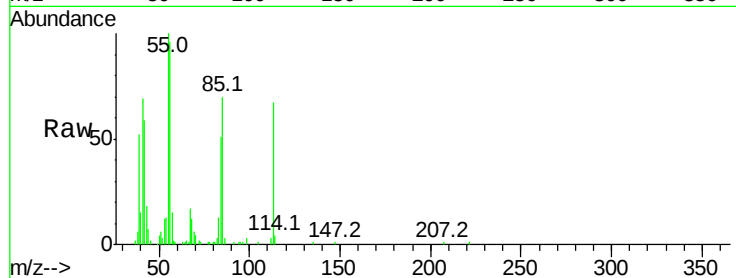
55 148.5 145.9 185.9

56 143.0 101.0 141.0#

Manual Integrations  
APPROVED

Sohil

8/1/2017 5:45:59 PM



#36

4-Chloro-3-methylphenol

Concen: 35.622 ng/ml

RT: 11.45 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

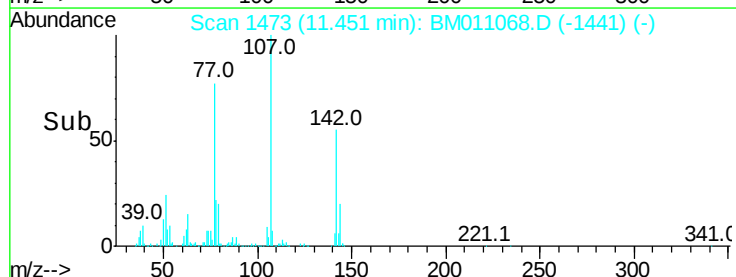
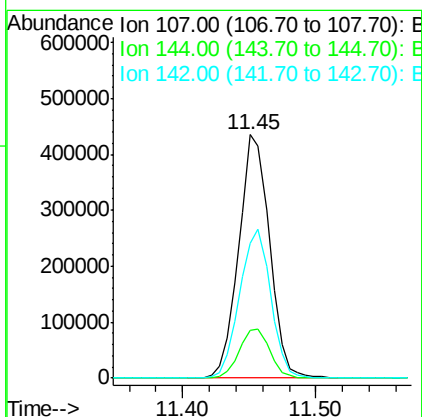
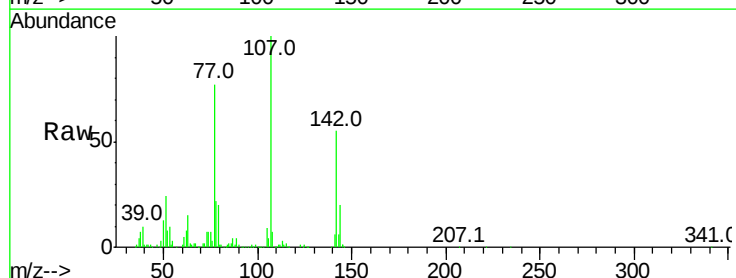
Tgt Ion:107 Resp: 695568

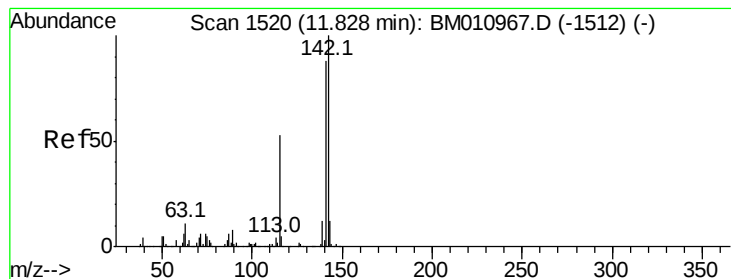
Ion Ratio Lower Upper

107 100

144 19.6 23.3 34.9#

142 55.3 72.6 109.0#





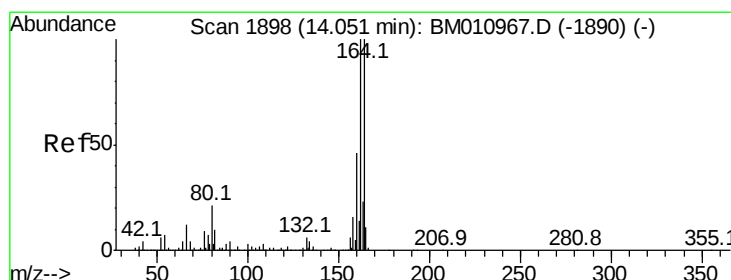
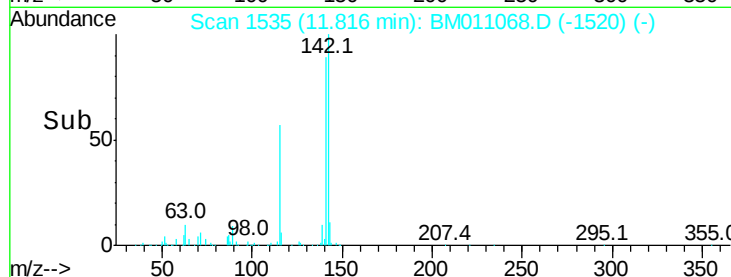
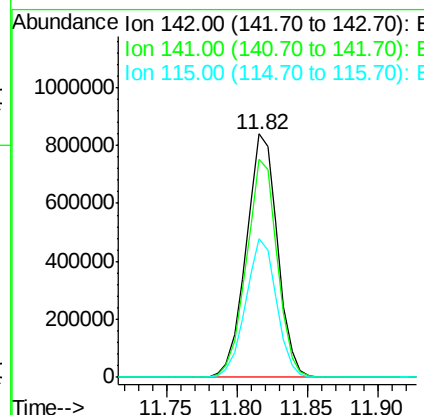
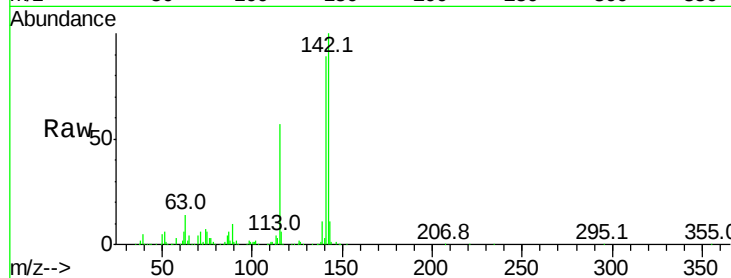
#37  
2-Methylnaphthalene  
Concen: 40.627 ng  
RT: 11.82 min Scan# 1535  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 71.9  | 107.9 |
| 115     | 57.2  | 25.4  | 38.0  |

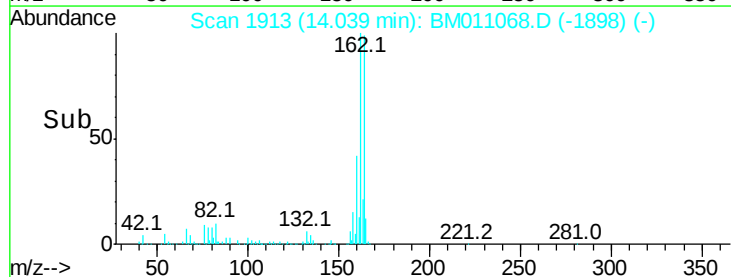
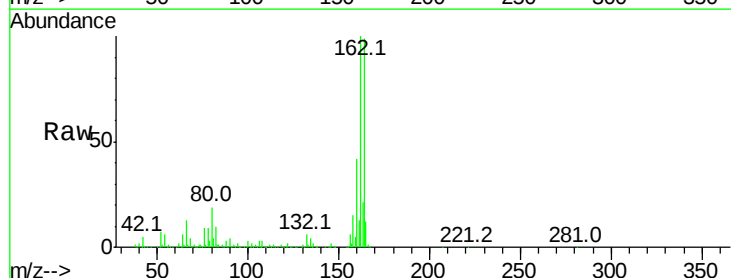
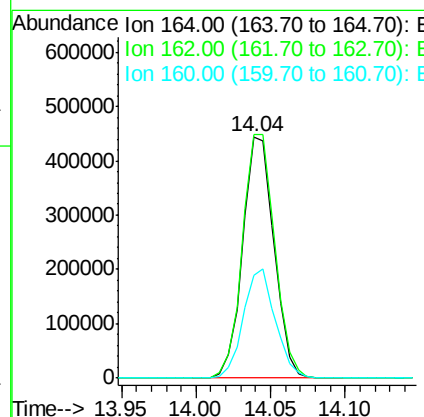
Manual Integrations  
APPROVED

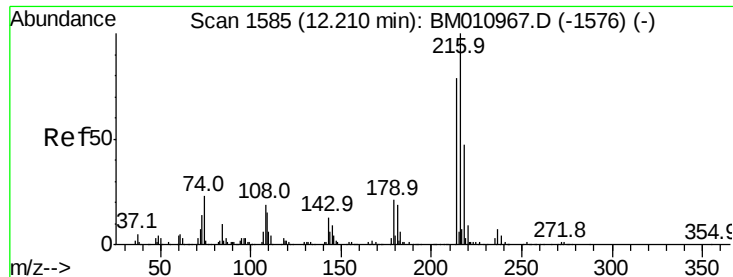
Sohil  
8/1/2017 5:45:59 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.04 min Scan# 1913  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.8 | 82.4  | 123.6 |
| 160     | 42.8  | 35.8  | 53.6  |





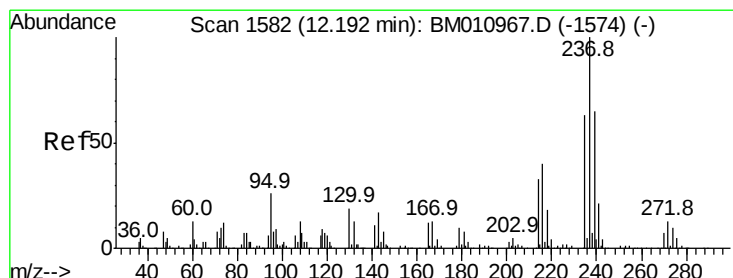
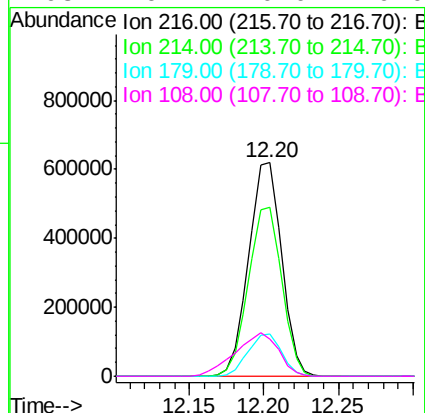
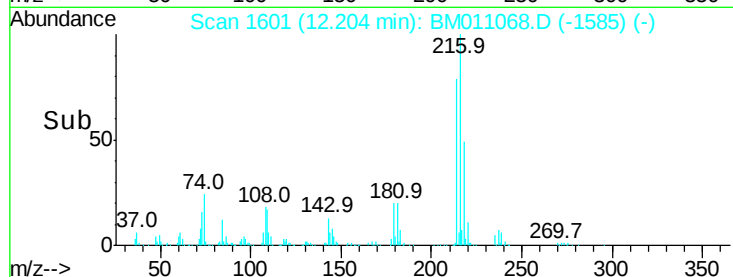
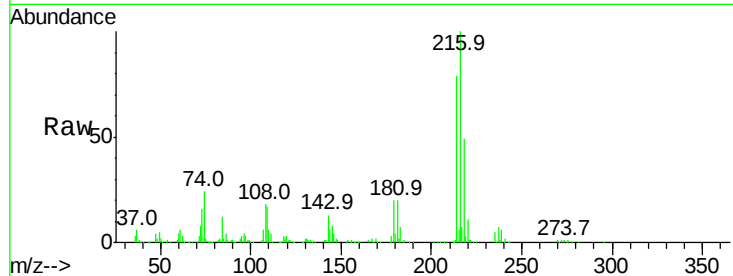
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.216 ng  
 RT: 12.20 min Scan# 1601  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 947494 |       |       |
| 214     | 79.9  | 0.0    | 0.0#  |       |
| 179     | 20.3  | 0.0    | 0.0#  |       |
| 108     | 26.7  | 0.0    | 0.0#  |       |

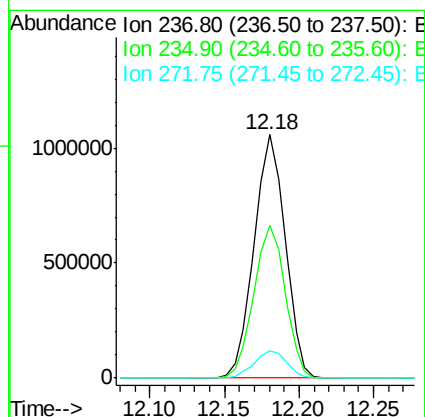
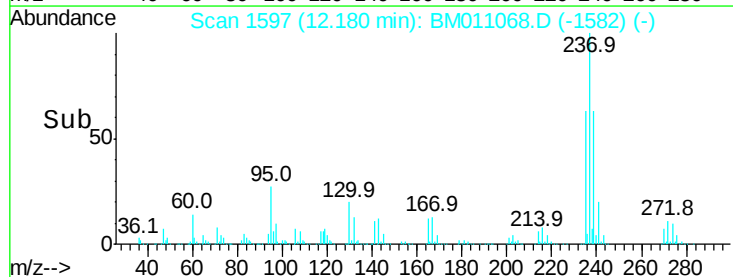
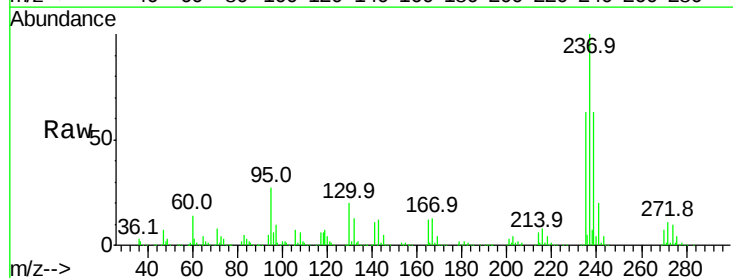
Manual Integrations  
 APPROVED

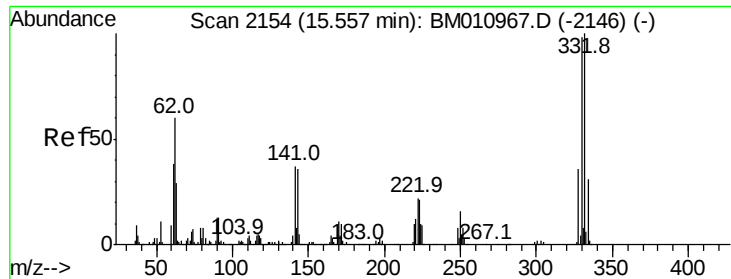
Sohil  
 8/1/2017 5:45:59 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 94.484 ng  
 RT: 12.18 min Scan# 1597  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 237     | 100   | 1524550 |       |       |
| 235     | 62.6  | 42.0    | 82.0  |       |
| 272     | 11.5  | 0.0     | 33.4  |       |





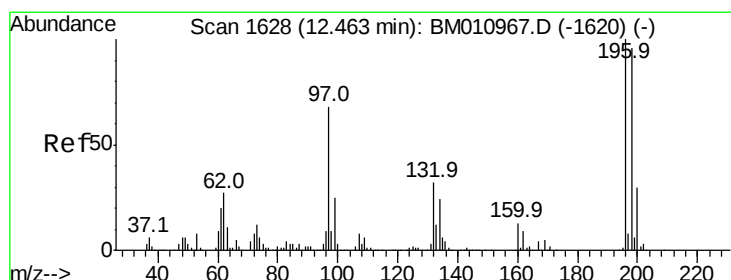
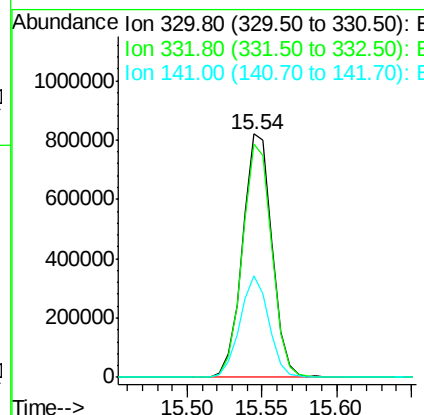
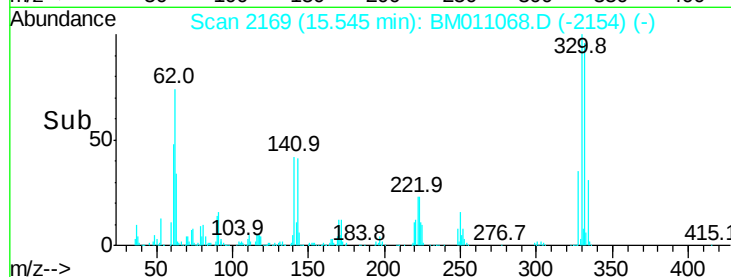
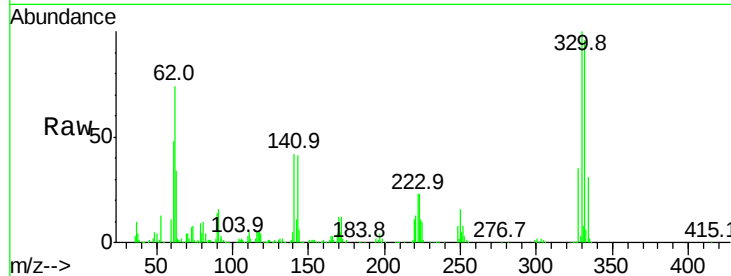
#41  
 2,4,6-Tribromophenol  
 Concen: 108.369 ng  
 RT: 15.54 min Scan# 2169  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 0.0   | 0.0#  |
| 141     | 41.3  | 0.0   | 0.0#  |

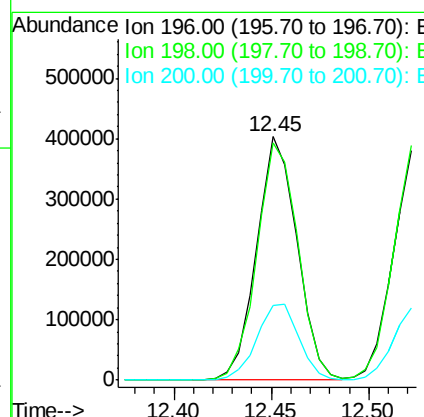
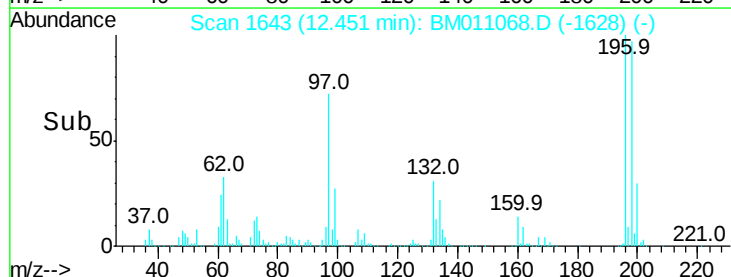
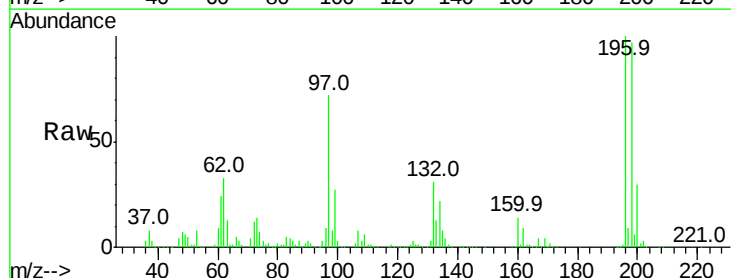
Manual Integrations  
 APPROVED

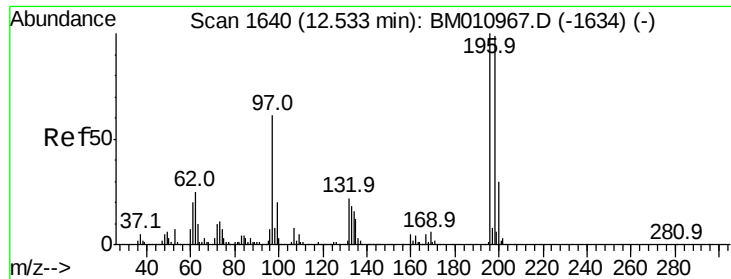
Sohil  
 8/1/2017 5:45:59 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 34.544 ng  
 RT: 12.45 min Scan# 1643  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.2  | 76.3  | 114.5 |
| 200     | 30.4  | 25.6  | 38.4  |





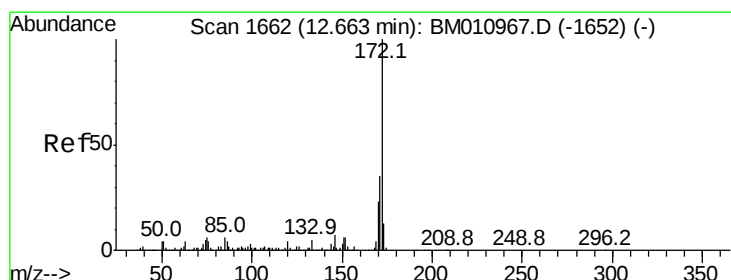
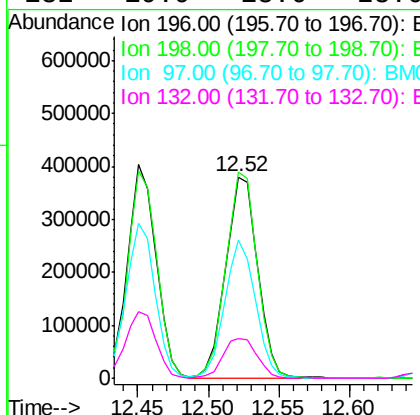
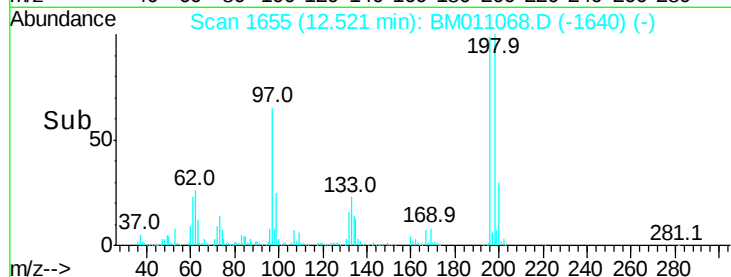
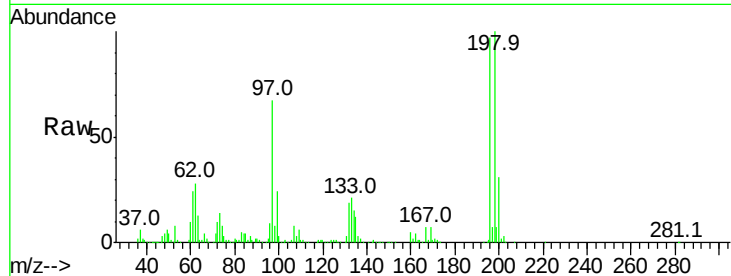
#43  
2,4,5-Trichlorophenol  
Concen: 34.526 ng  
RT: 12.52 min Scan# 1655  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 596000 |       |       |
| 198     | 102.6 | 79.4   | 119.0 |       |
| 97      | 68.8  | 26.8   | 40.2  |       |
| 132     | 19.9  | 18.6   | 28.0  |       |

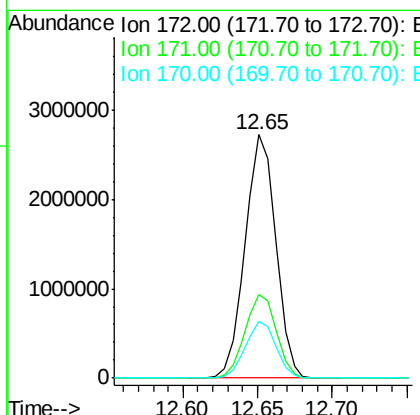
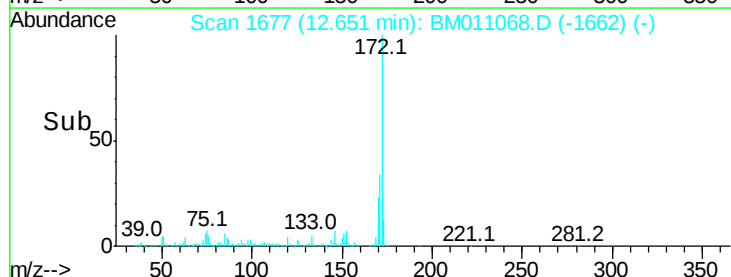
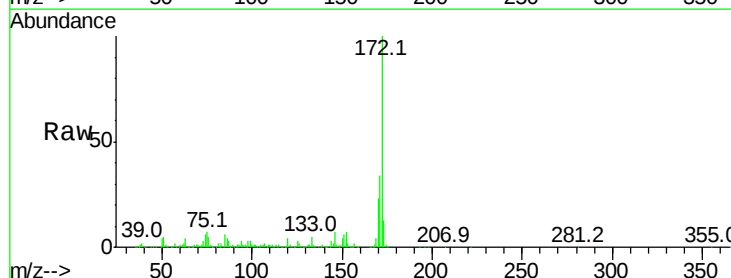
Manual Integrations  
APPROVED

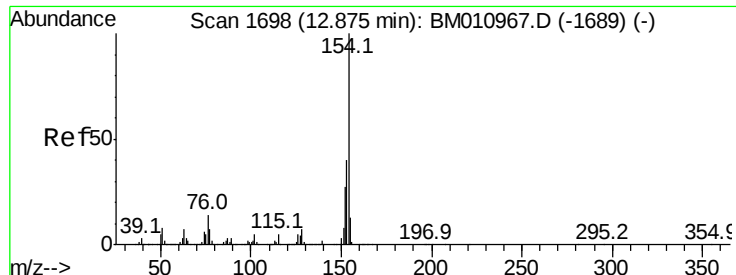
Sohil  
8/1/2017 5:45:59 PM



#44  
2-Fluorobiphenyl  
Concen: 75.448 ng  
RT: 12.65 min Scan# 1677  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 3877457 |       |       |
| 171     | 34.3  | 28.5    | 42.7  |       |
| 170     | 23.3  | 18.8    | 28.2  |       |





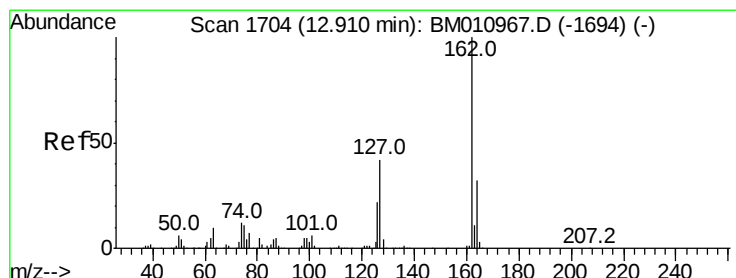
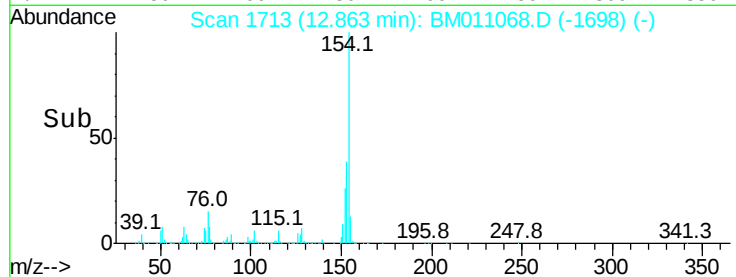
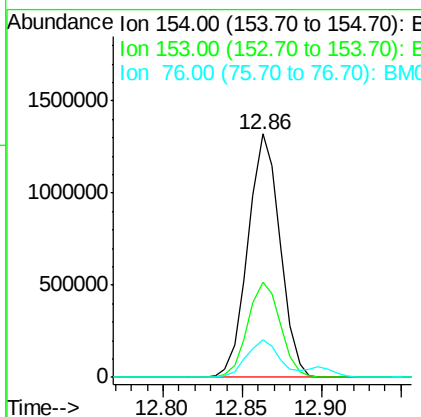
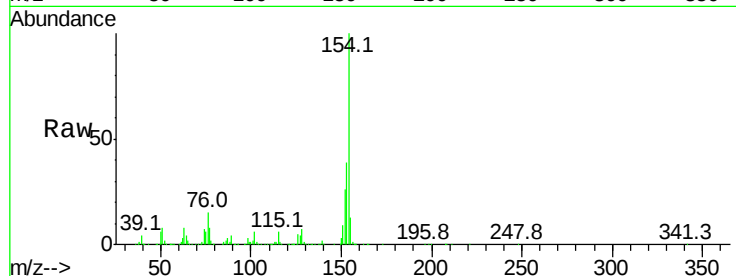
#45  
 1,1'-Biphenyl  
 Concen: 33.353 ng  
 RT: 12.86 min Scan# 1713  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.1  | 20.7  | 60.7  |
| 76      | 15.2  | 0.0   | 30.9  |

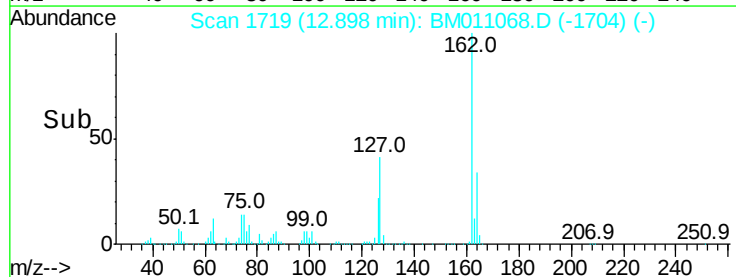
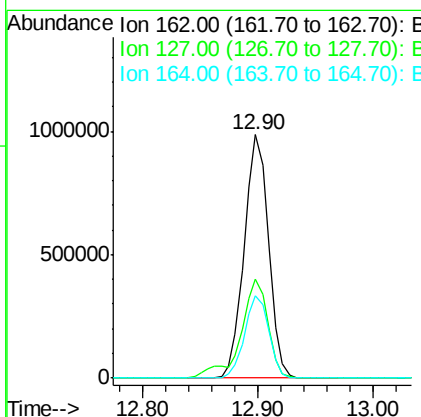
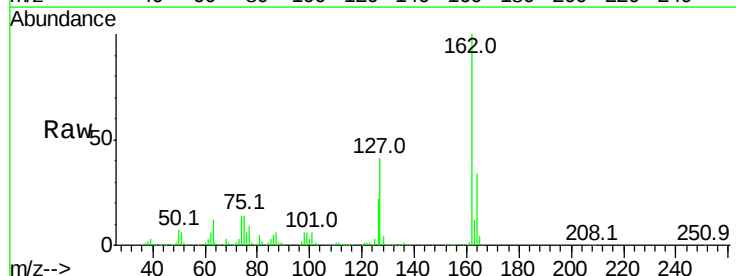
Manual Integrations  
 APPROVED

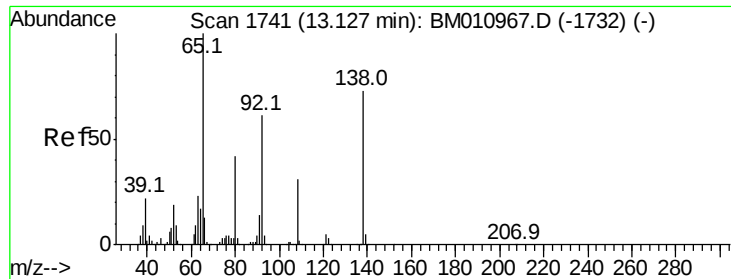
Sohil  
 8/1/2017 5:45:59 PM



#46  
 2-Chloronaphthalene  
 Concen: 35.159 ng  
 RT: 12.90 min Scan# 1719  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.7  | 26.9  | 40.3# |
| 164     | 33.6  | 26.8  | 40.2  |





#47

2-Nitroaniline

Concen: 38.134 ng

RT: 13.12 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

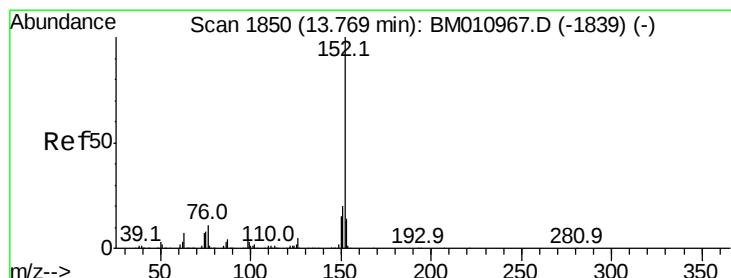
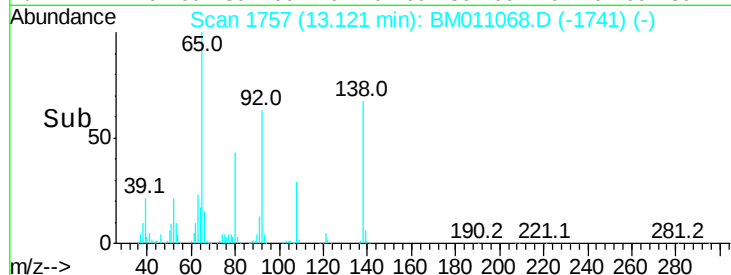
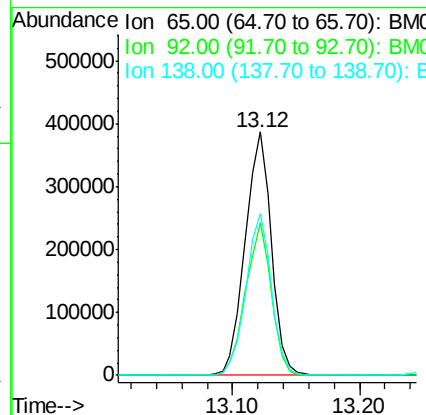
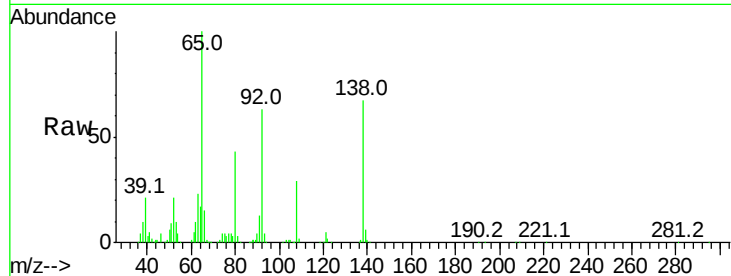
ClientSampled :

PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.5  | 59.1  | 88.7  |
| 138     | 66.6  | 93.9  | 140.9 |

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



#48

Acenaphthylene

Concen: 35.602 ng

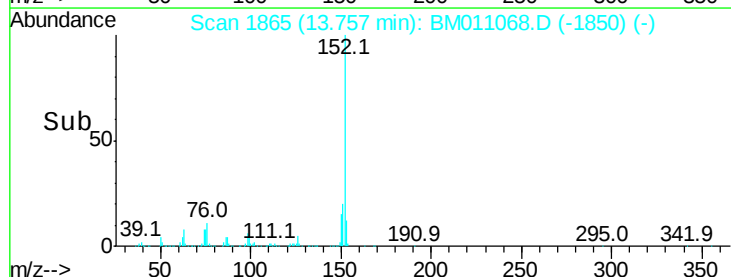
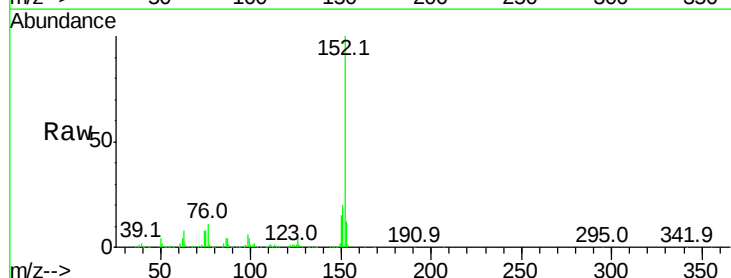
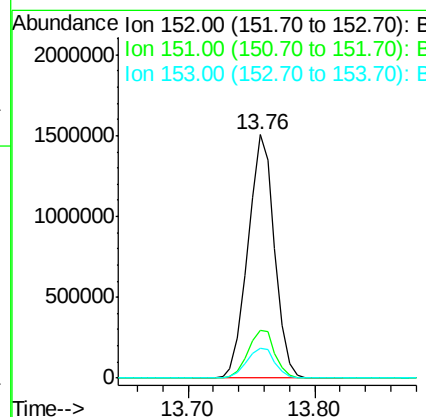
RT: 13.76 min Scan# 1865

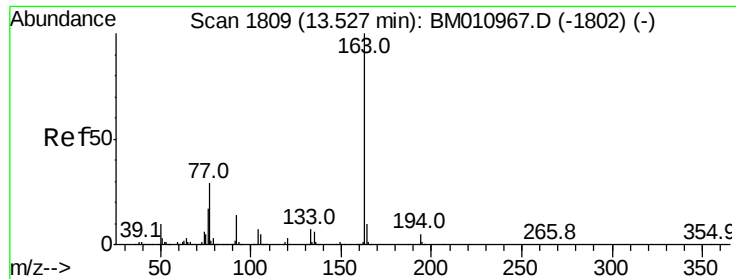
Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.6  | 15.9  | 23.9  |
| 153     | 12.3  | 10.6  | 16.0  |





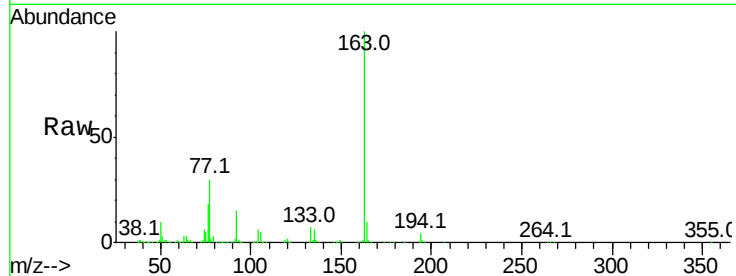
#49  
Dimethylphthalate  
Concen: 33.809 ng  
RT: 13.52 min Scan# 1825  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

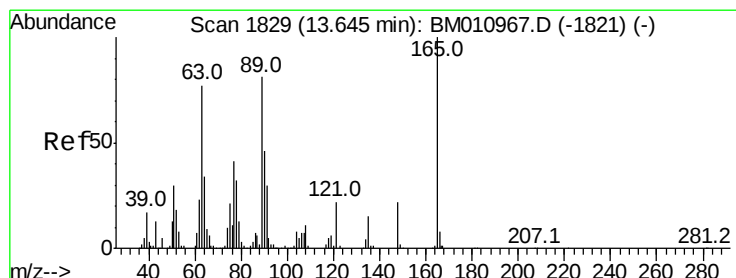
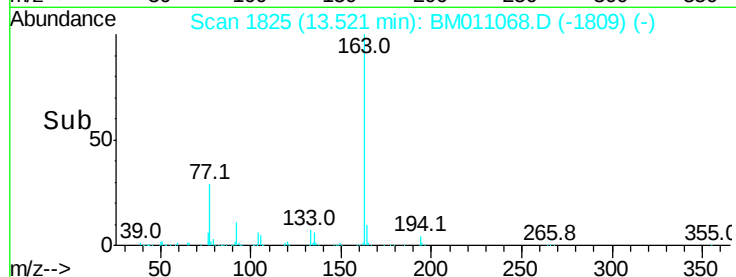
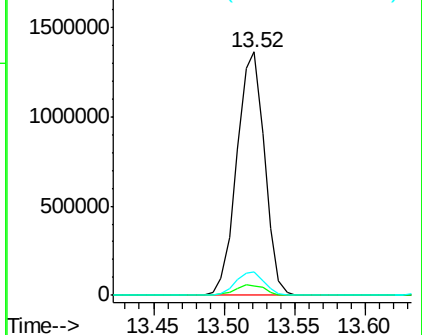
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 2.7   | 4.1   |
| 164     | 9.5   | 8.2   | 12.2  |

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM

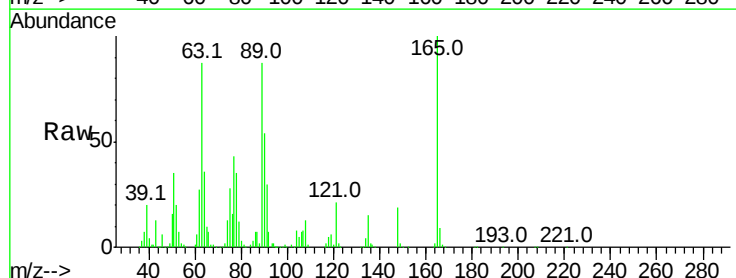


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

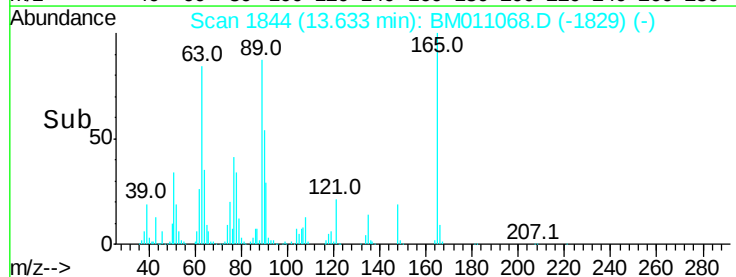
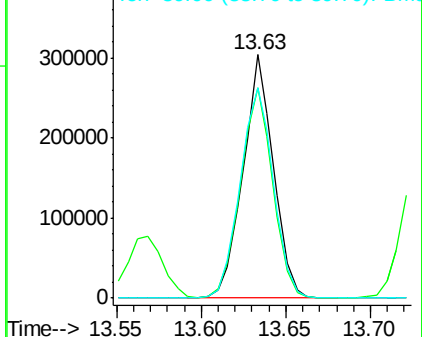


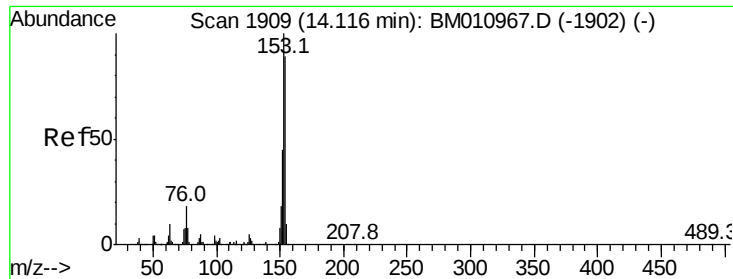
#50  
2,6-Dinitrotoluene  
Concen: 34.182 ng  
RT: 13.63 min Scan# 1844  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 86.6  | 44.1  | 66.1# |
| 89      | 86.5  | 44.3  | 66.5# |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 35.172 ng

RT: 14.11 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

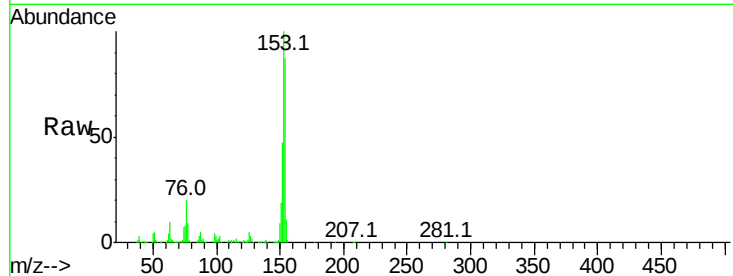
ClientSampleId :

PB101041BS

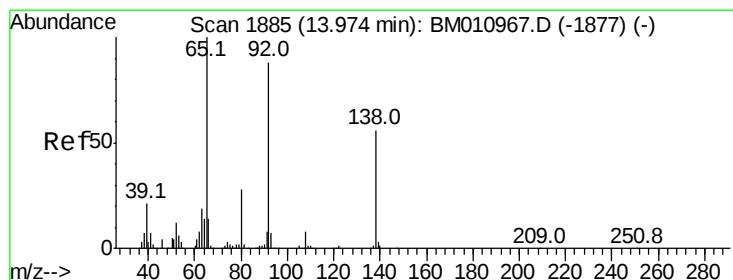
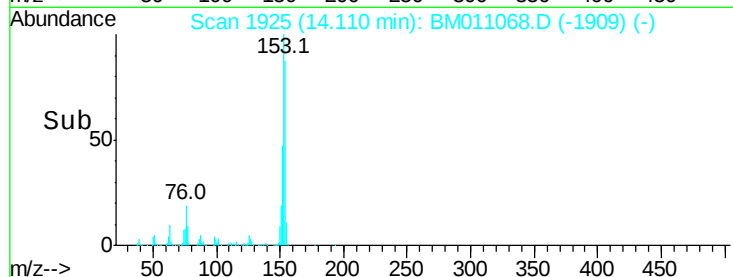
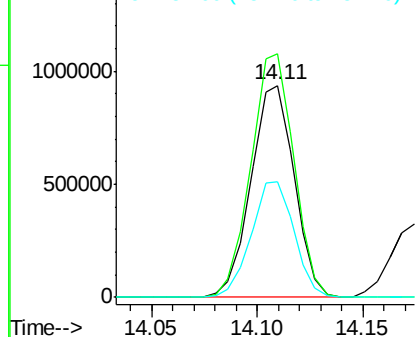
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 154   | Resp: | 1334561 |
| Ion      | Ratio | Lower | Upper   |
| 154      | 100   |       |         |
| 153      | 114.8 | 90.0  | 135.0   |
| 152      | 54.3  | 42.6  | 63.8    |

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.356 ng

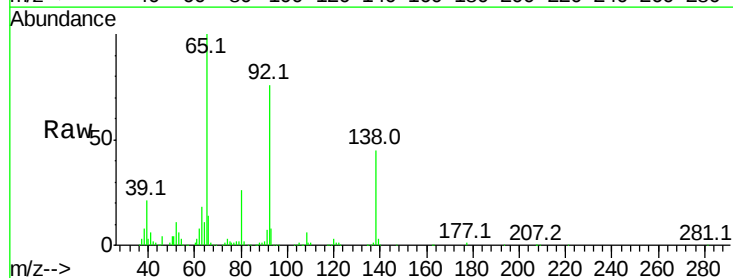
RT: 13.96 min Scan# 1900

Delta R.T. -0.01 min

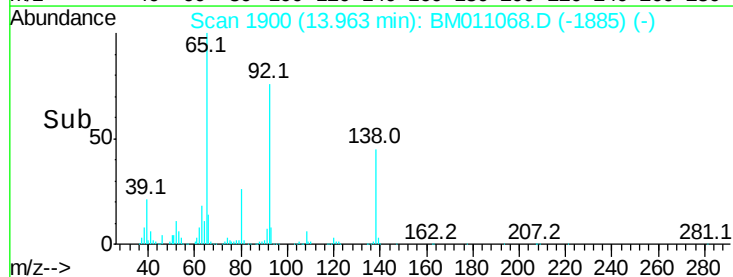
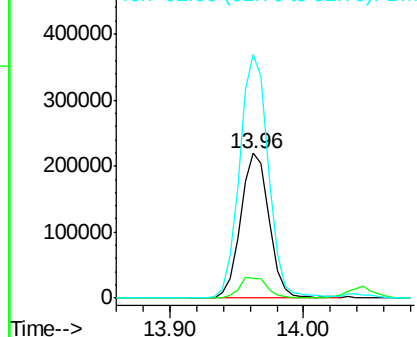
Lab File: BM011068.D

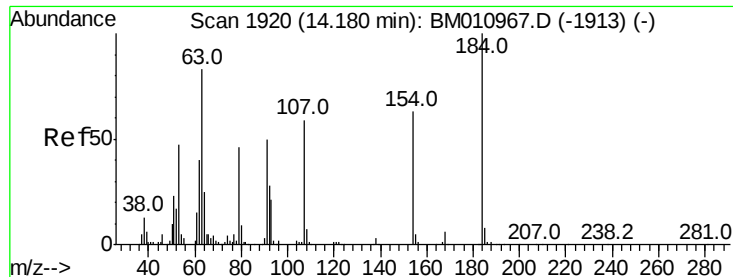
Acq: 31 Jul 2017 15:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 322731 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 108      | 13.7  | 7.3   | 10.9#  |
| 92       | 167.9 | 76.6  | 114.8# |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM0





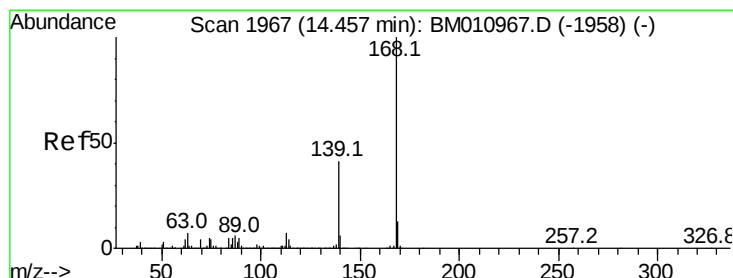
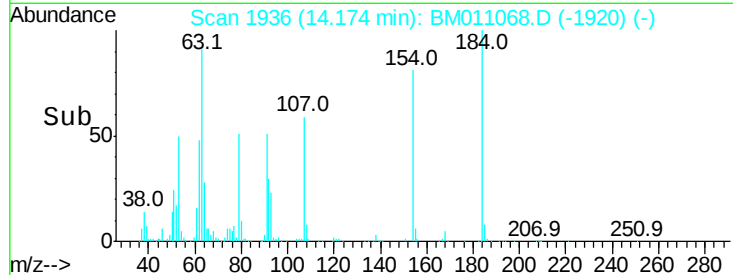
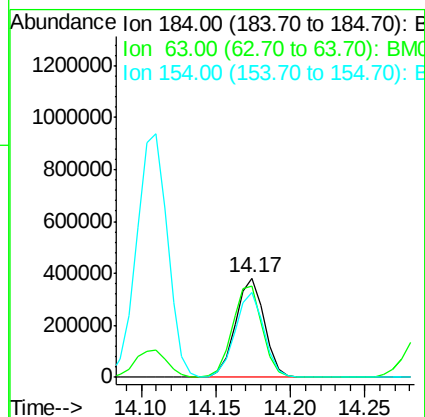
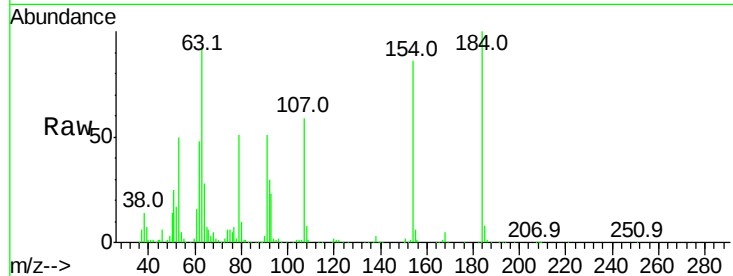
#53  
2,4-Dinitrophenol  
Concen: 64.958 ng  
RT: 14.17 min Scan# 1936  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 91.6  | 69.2  | 103.8 |
| 154     | 85.8  | 53.3  | 79.9  |

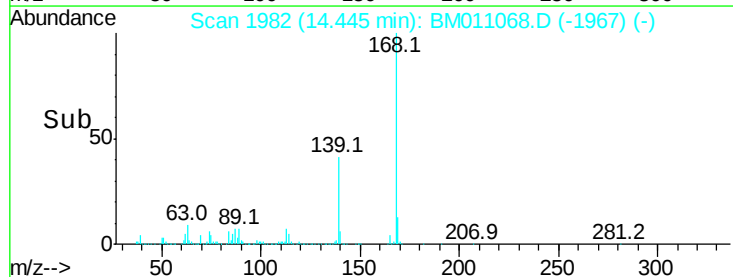
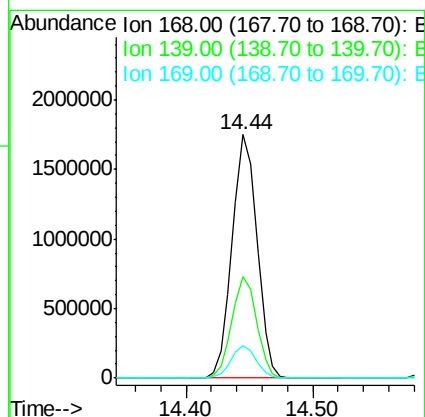
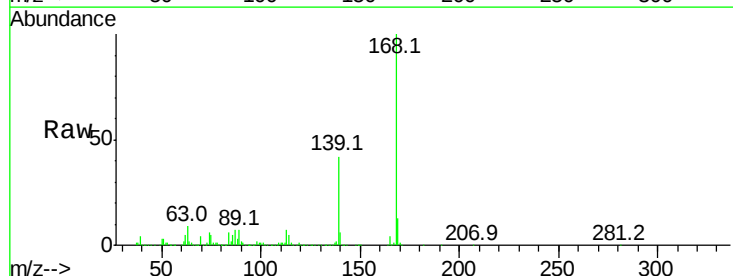
Manual Integrations  
APPROVED

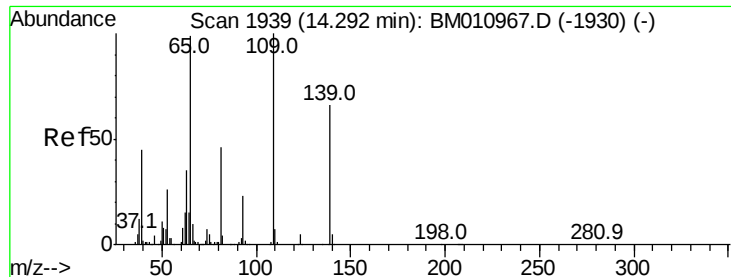
Sohil  
8/1/2017 5:45:59 PM



#54  
Dibenzofuran  
Concen: 38.621 ng  
RT: 14.44 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.7  | 27.3  | 40.9  |
| 169     | 13.4  | 10.6  | 16.0  |





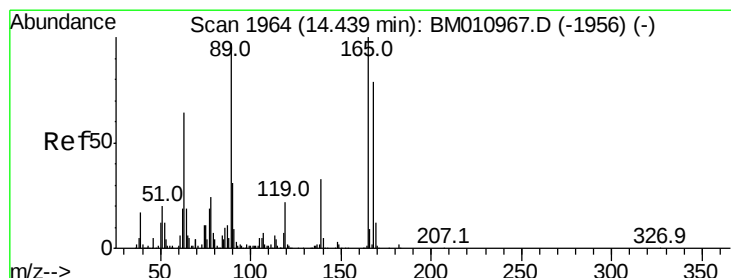
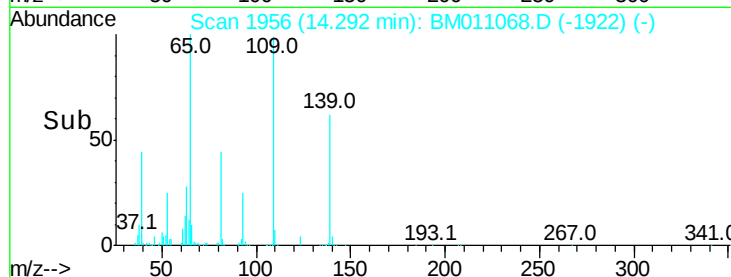
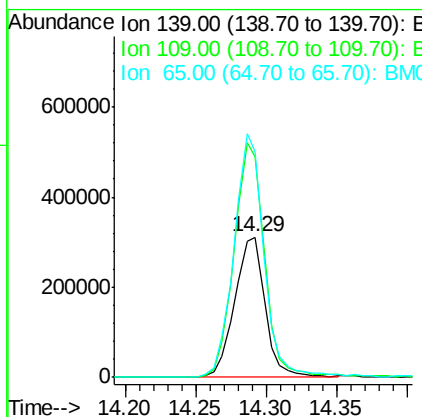
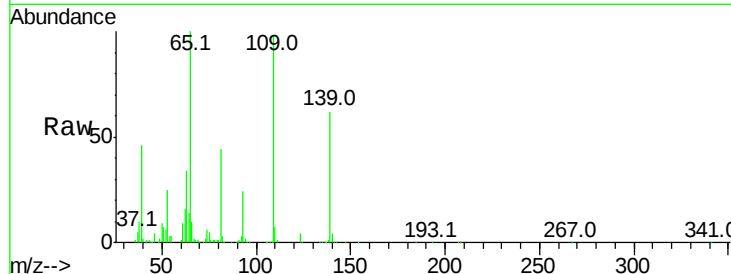
#55  
4-Nitrophenol  
Concen: 55.409 ng  
RT: 14.29 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 157.9 | 130.0 | 170.0 |
| 65      | 161.0 | 130.0 | 170.0 |

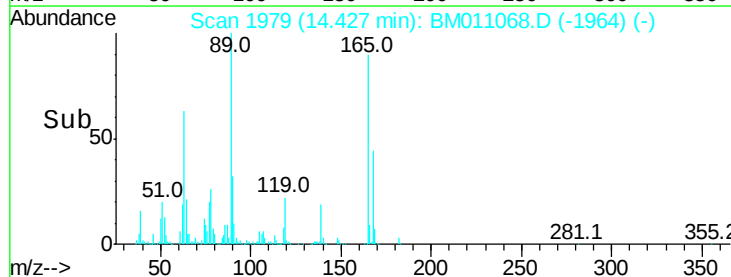
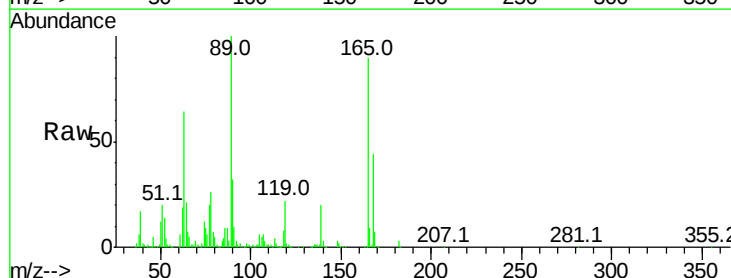
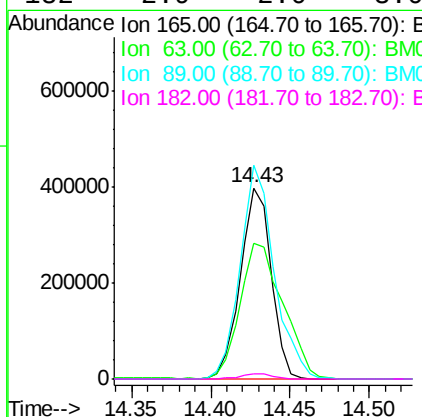
Manual Integrations  
APPROVED

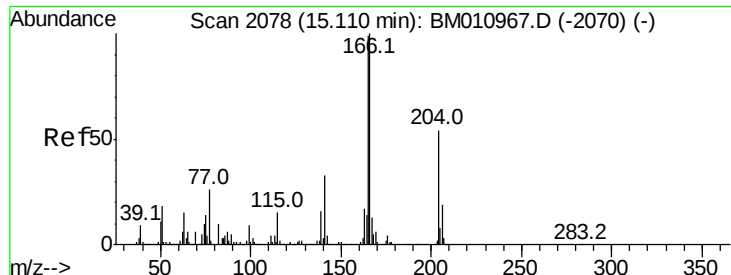
Sohil  
8/1/2017 5:45:59 PM



#56  
2,4-Dinitrotoluene  
Concen: 34.388 ng  
RT: 14.43 min Scan# 1979  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 71.0  | 52.4  | 78.6  |
| 89      | 111.7 | 72.4  | 108.6 |
| 182     | 2.9   | 2.0   | 3.0   |





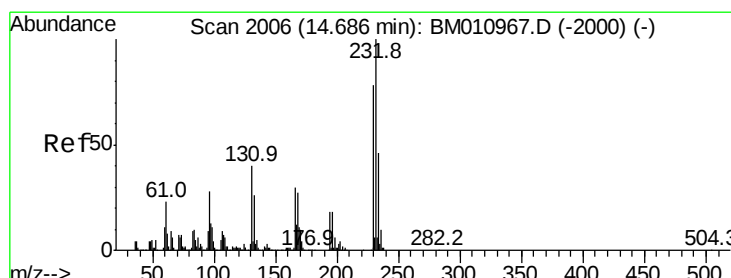
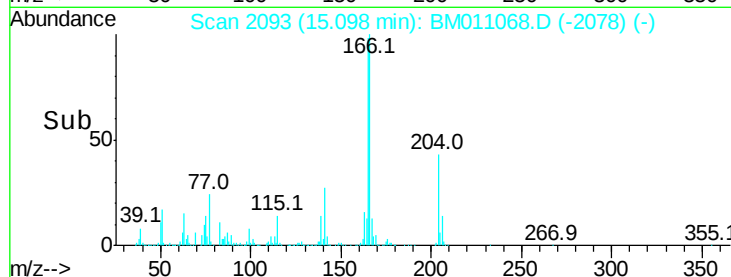
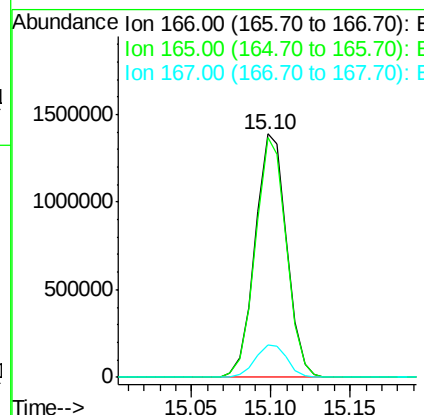
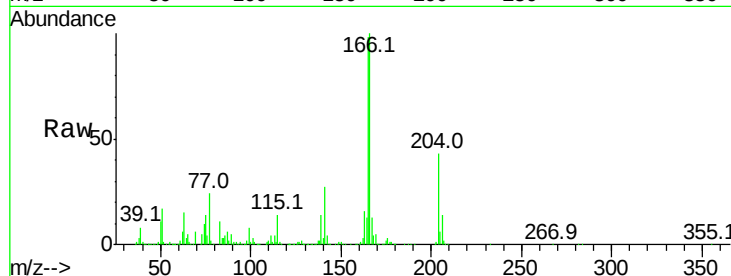
#57  
**Fluorene**  
 Concen: 35.774 ng  
 RT: 15.10 min Scan# 2093  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.3  | 79.0  | 118.4 |
| 167     | 13.4  | 10.3  | 15.5  |

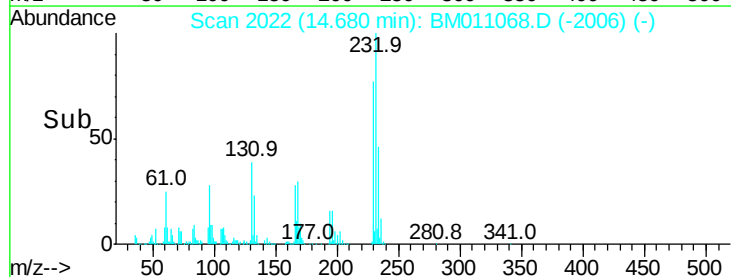
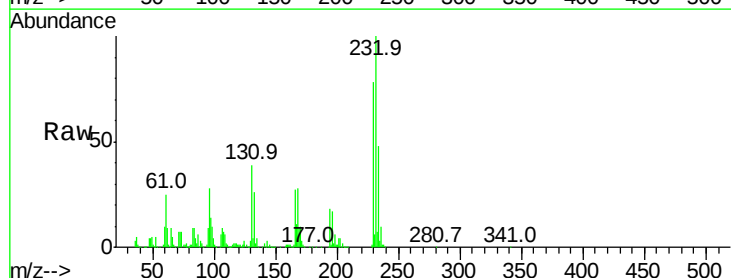
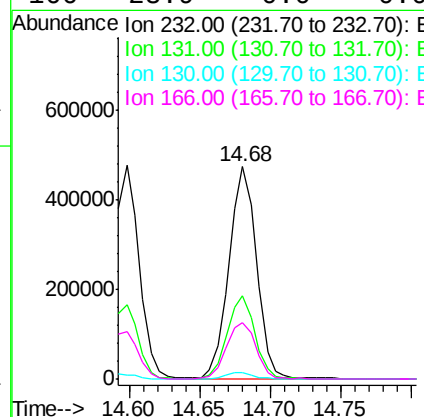
Manual Integrations  
**APPROVED**

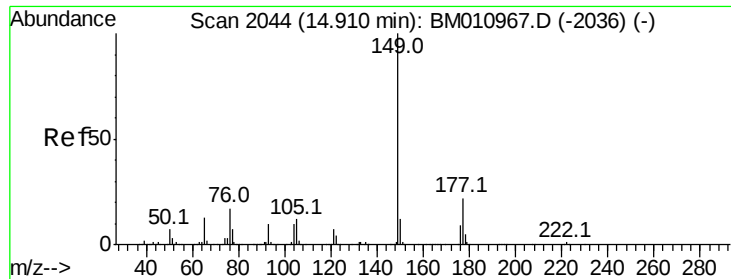
Sohil  
 8/1/2017 5:45:59 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 39.542 ng  
 RT: 14.68 min Scan# 2022  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 39.1  | 0.0   | 0.0#  |
| 130     | 3.0   | 0.0   | 0.0#  |
| 166     | 28.9  | 0.0   | 0.0#  |





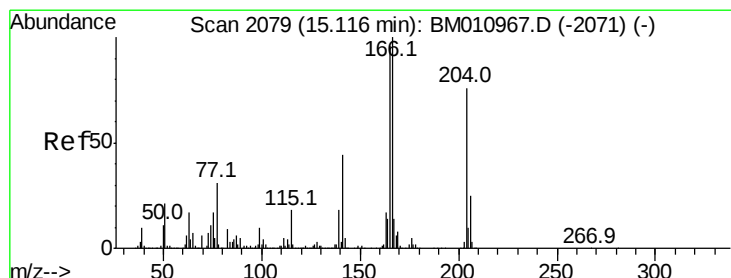
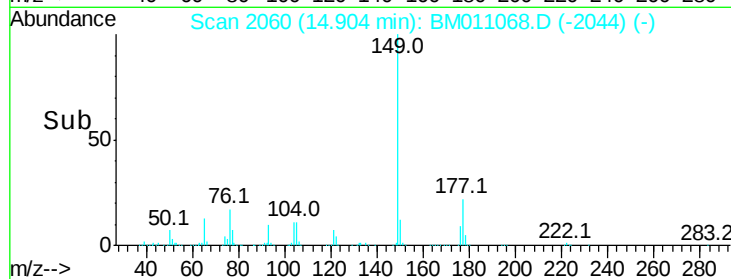
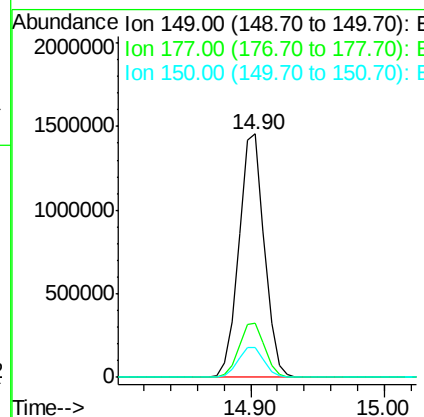
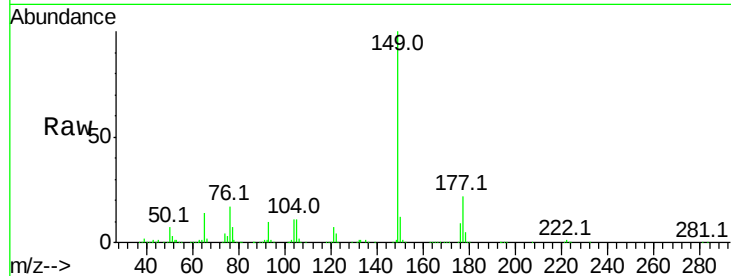
#59  
Diethylphthalate  
Concen: 34.240 ng  
RT: 14.90 min Scan# 2060  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.5  | 18.3  | 27.5  |
| 150     | 12.2  | 9.8   | 14.8  |

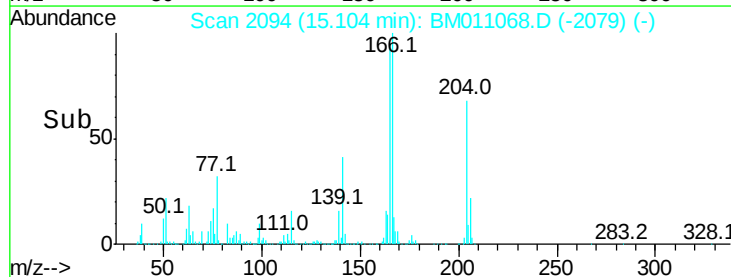
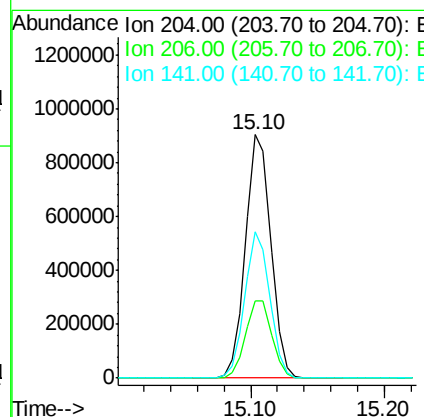
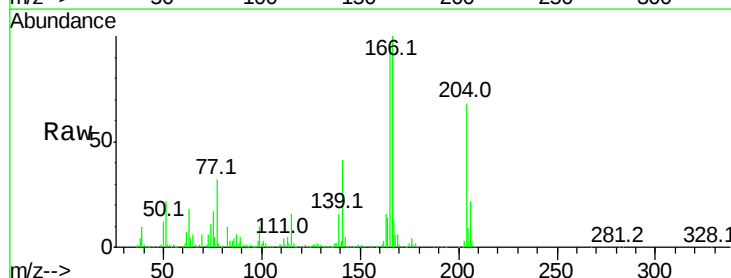
Manual Integrations  
APPROVED

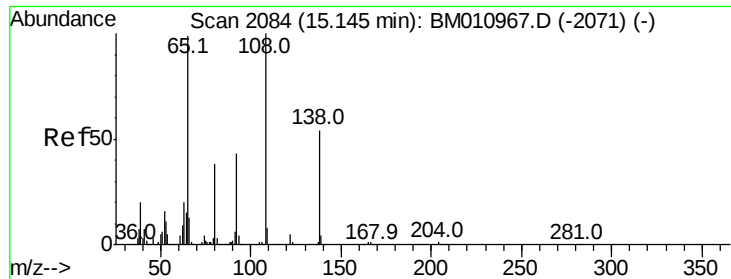
Sohil  
8/1/2017 5:45:59 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 36.610 ng  
RT: 15.10 min Scan# 2094  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.0  | 26.6  | 39.8  |
| 141     | 60.0  | 45.2  | 67.8  |





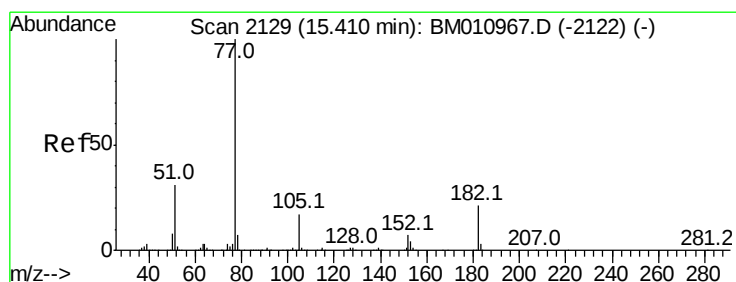
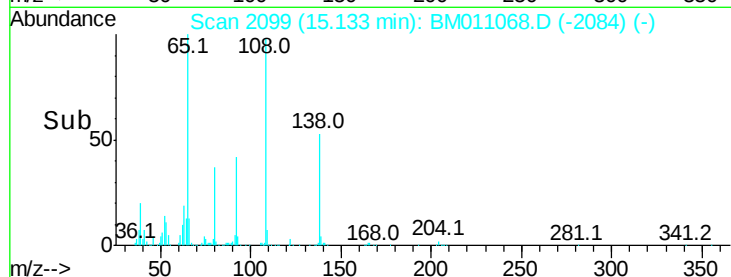
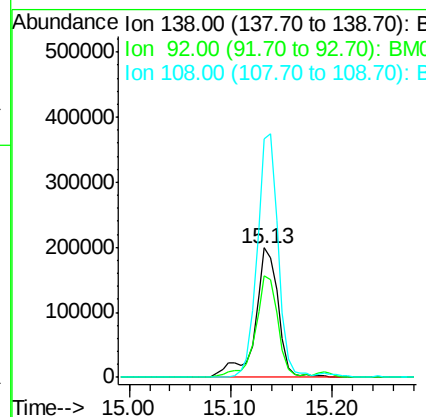
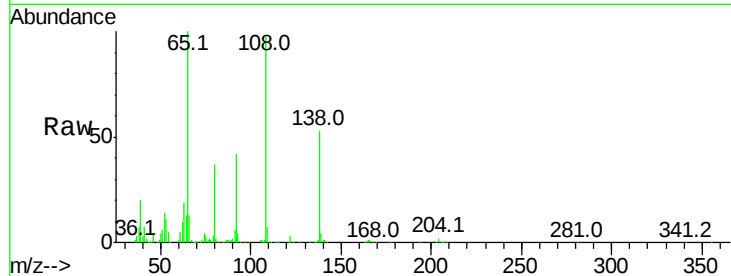
#61  
4-Nitroaniline  
Concen: 30.633 ng  
RT: 15.13 min Scan# 2099  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 78.4  | 16.7  | 56.7# |
| 108     | 184.4 | 37.6  | 77.6# |

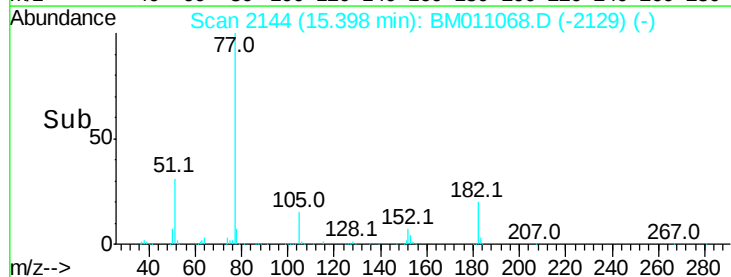
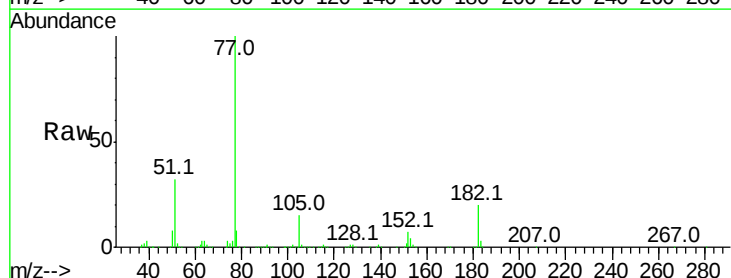
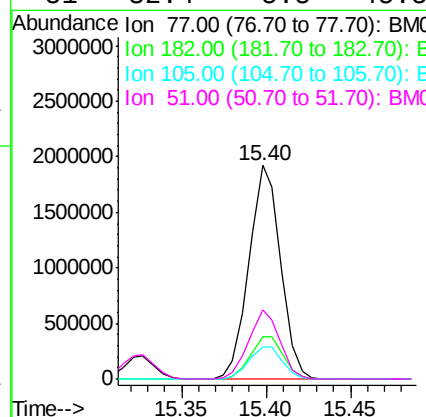
Manual Integrations  
APPROVED

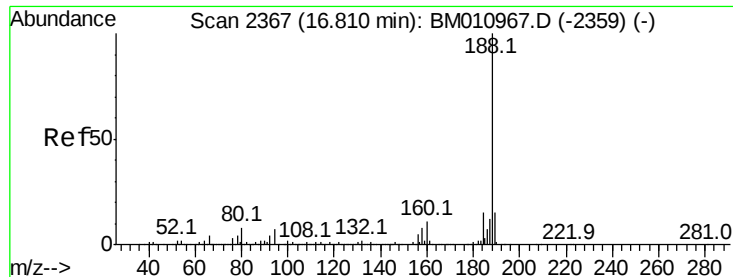
Sohil  
8/1/2017 5:45:59 PM



#62  
Azobenzene  
Concen: 41.494 ng  
RT: 15.40 min Scan# 2144  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 19.6  | 6.5   | 46.5  |
| 105     | 15.2  | 3.8   | 43.8  |
| 51      | 32.4  | 5.5   | 45.5  |





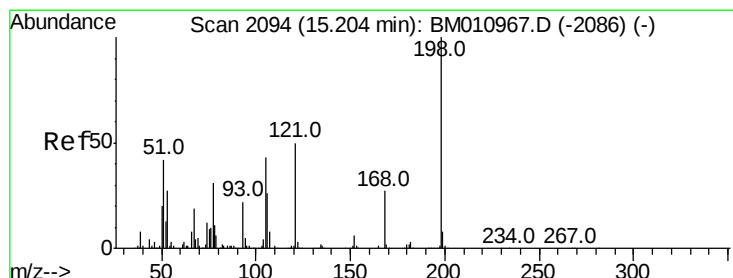
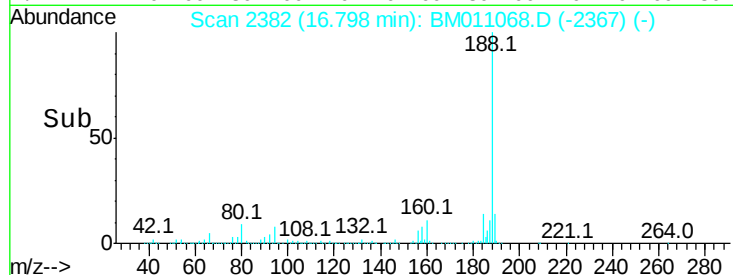
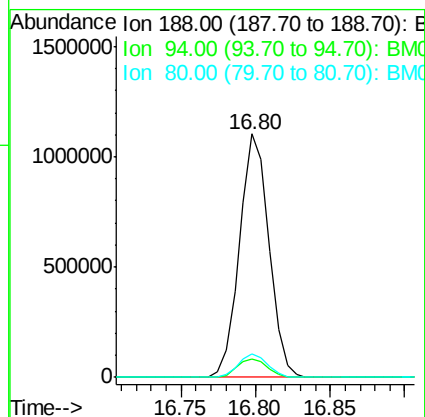
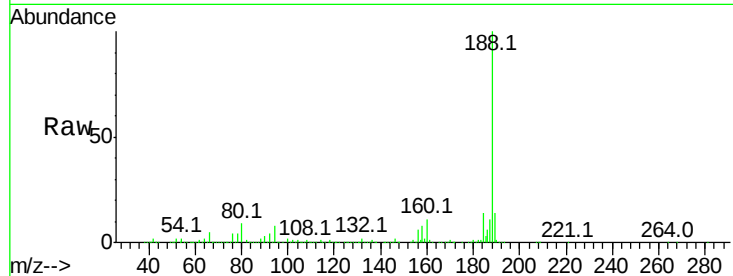
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.80 min Scan# 2382  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 188     | 100   | 1512518 |       |       |
| 94      | 7.8   |         | 8.7   | 13.1# |
| 80      | 9.4   |         | 9.3   | 13.9  |

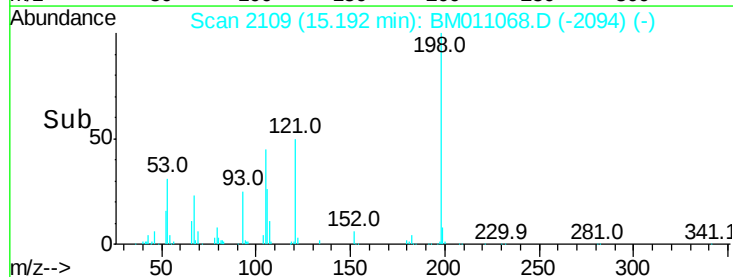
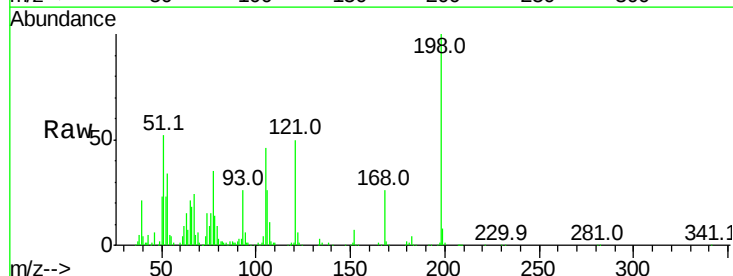
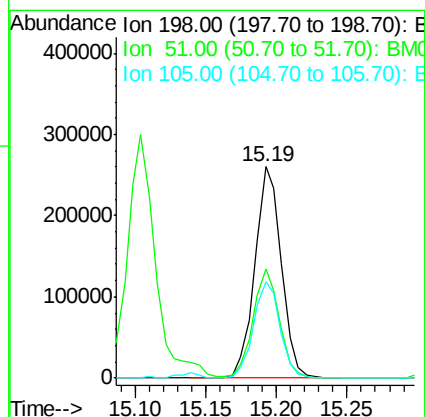
Manual Integrations  
APPROVED

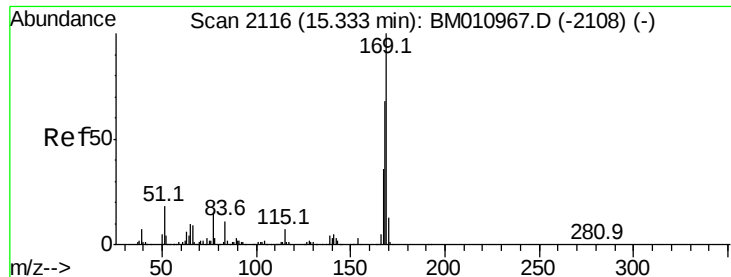
Sohil  
8/1/2017 5:45:59 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 33.544 ng  
RT: 15.19 min Scan# 2109  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 343475 |       |       |
| 51      | 51.9  |        | 28.8  | 68.8  |
| 105     | 45.6  |        | 30.5  | 70.5  |





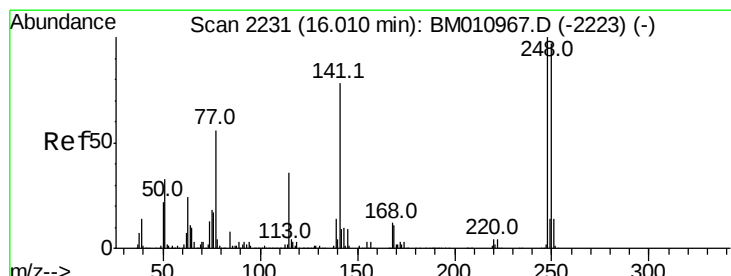
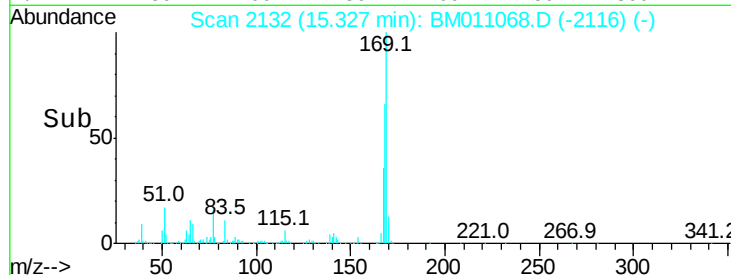
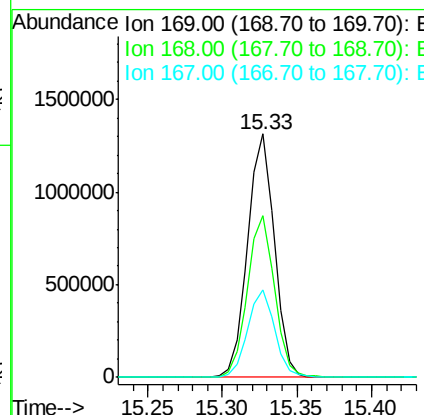
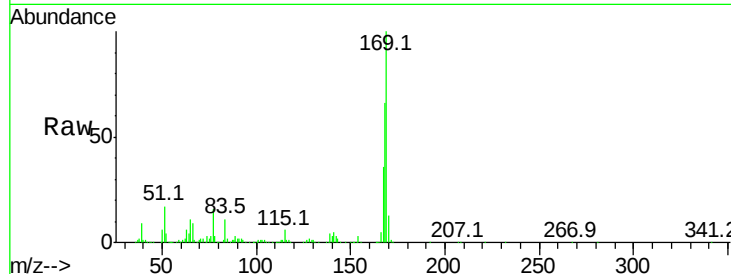
#65  
n-Nitrosodiphenylamine  
Concen: 37.648 ng  
RT: 15.33 min Scan# 2132  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.4  | 53.9  | 80.9  |
| 167     | 35.9  | 28.9  | 43.3  |

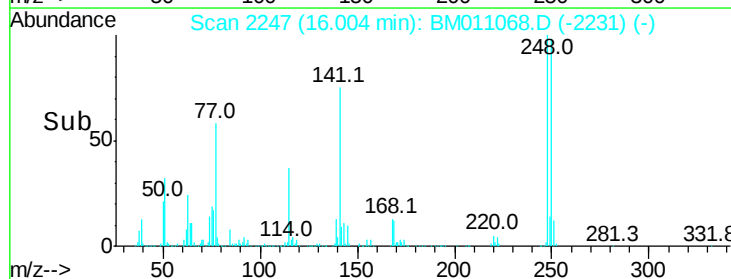
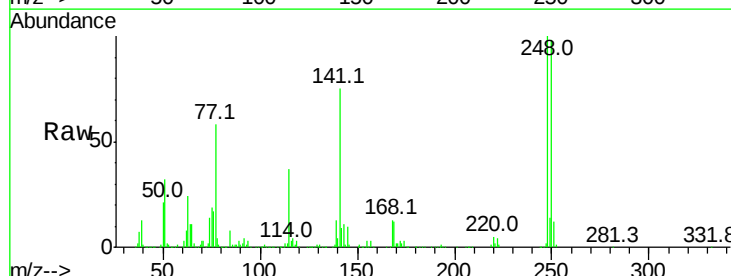
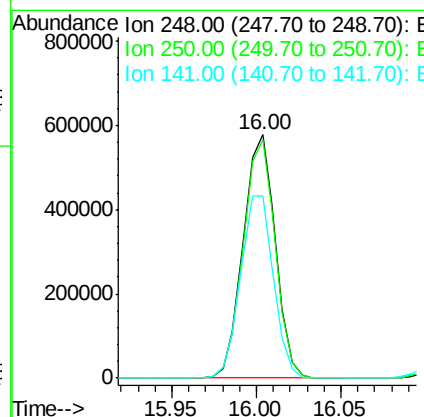
Manual Integrations  
APPROVED

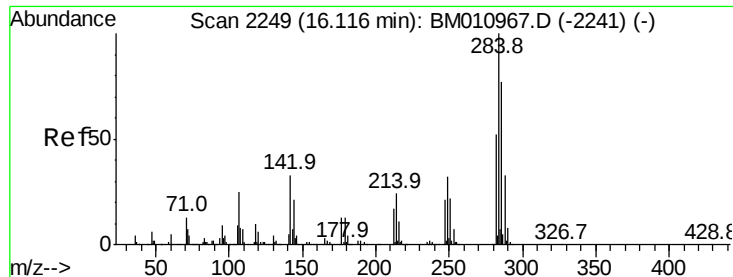
Sohil  
8/1/2017 5:45:59 PM



#66  
4-Bromophenyl-phenylether  
Concen: 39.328 ng  
RT: 16.00 min Scan# 2247  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.2  | 77.4  | 116.0 |
| 141     | 74.9  | 45.2  | 67.8  |





#67

Hexachlorobenzene

Concen: 36.025 ng

RT: 16.10 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

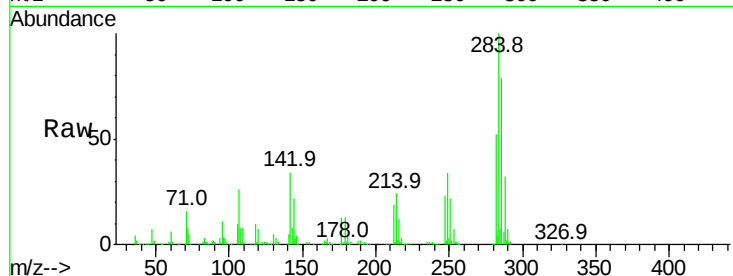
ClientSampleId :

PB101041BS

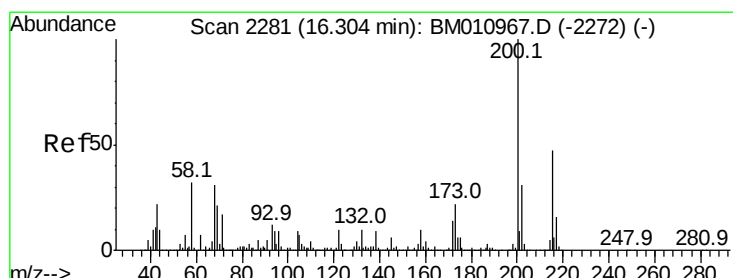
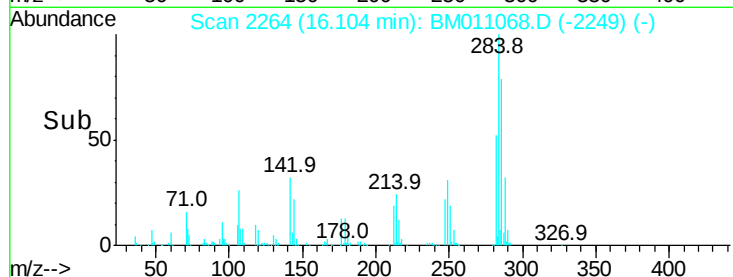
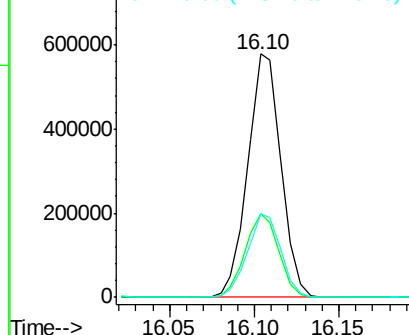
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 791545 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 34.2  | 20.4  | 30.6#  |
| 249       | 34.3  | 23.8  | 35.6   |

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.294 ng

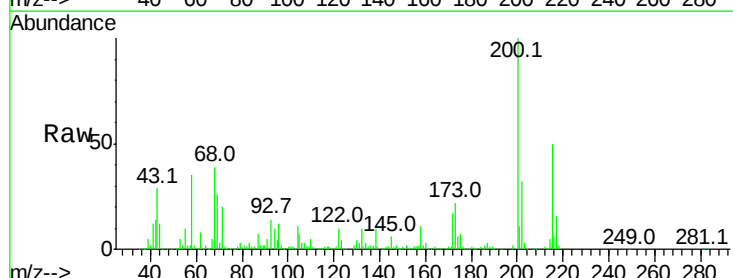
RT: 16.29 min Scan# 2296

Delta R.T. -0.01 min

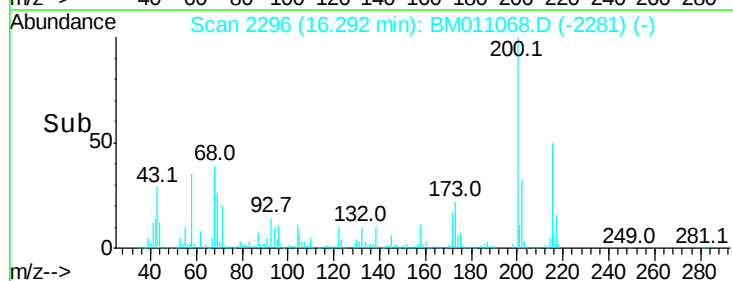
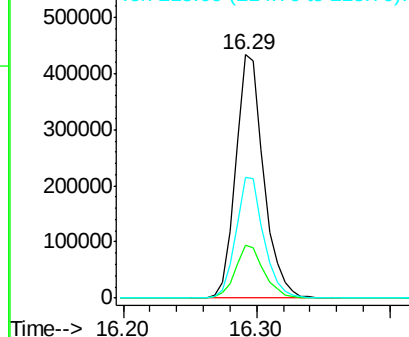
Lab File: BM011068.D

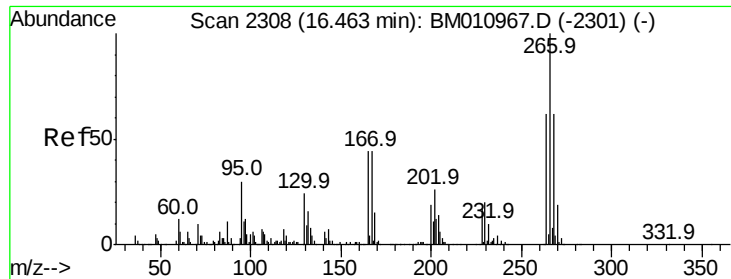
Acq: 31 Jul 2017 15:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 629573 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 21.8  | 4.8   | 44.8   |
| 215       | 49.8  | 26.9  | 66.9   |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





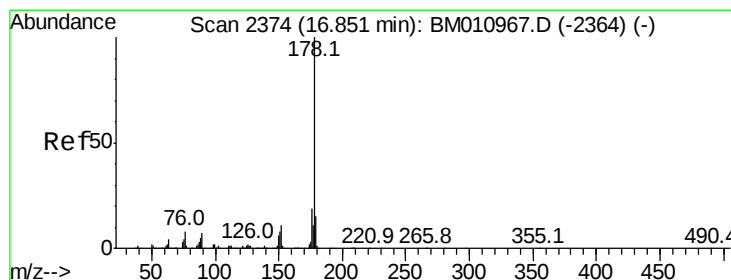
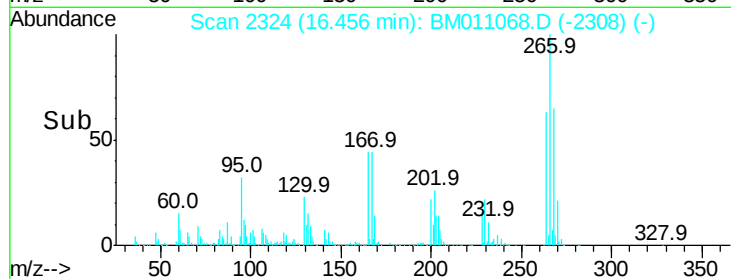
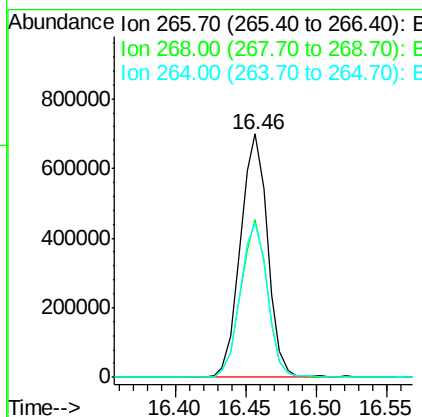
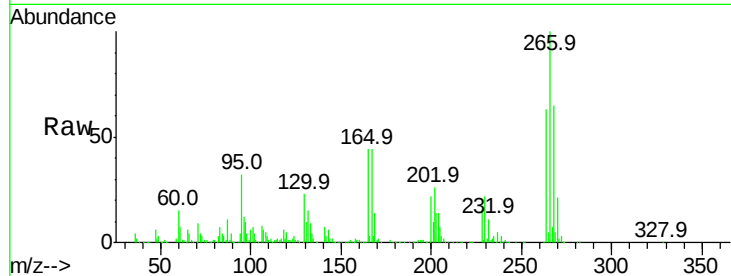
#69  
 Pentachlorophenol  
 Concen: 67.475 ng  
 RT: 16.46 min Scan# 2324  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 941221 |       |       |
| 268     | 65.1  | 52.0   | 78.0  |       |
| 264     | 63.5  | 49.0   | 73.4  |       |

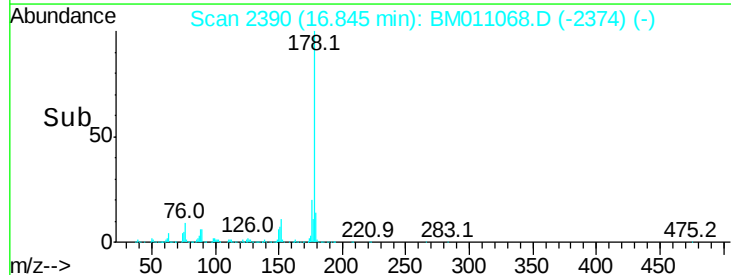
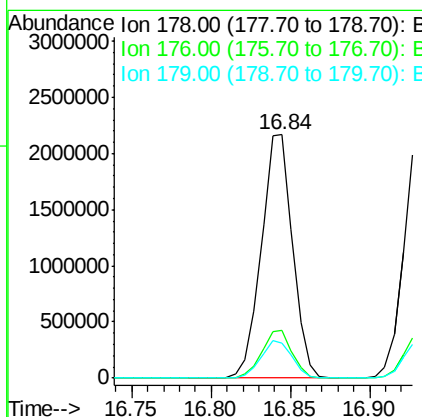
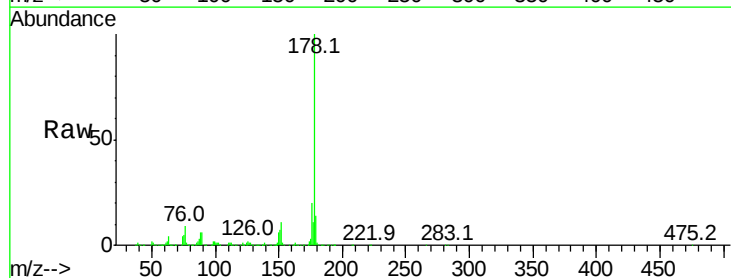
Manual Integrations  
 APPROVED

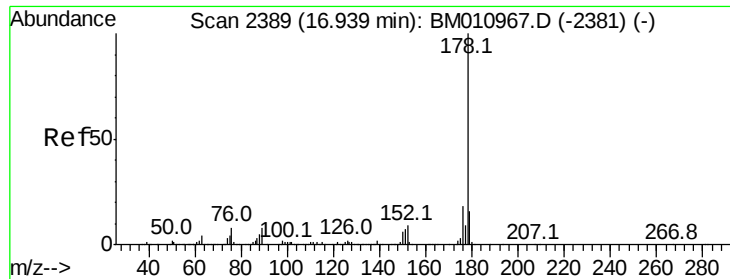
Sohil  
 8/1/2017 5:45:59 PM



#70  
 Phenanthrene  
 Concen: 37.655 ng  
 RT: 16.84 min Scan# 2390  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 2982194 |       |       |
| 176     | 19.6  | 15.2    | 22.8  |       |
| 179     | 14.4  | 12.1    | 18.1  |       |





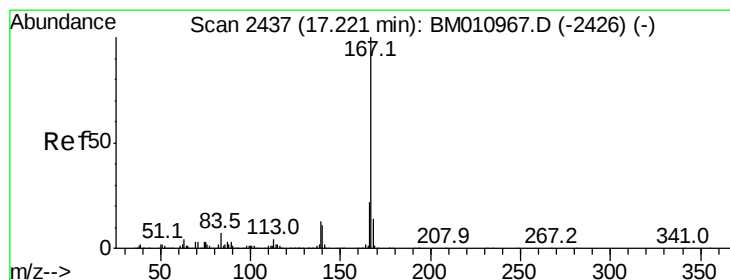
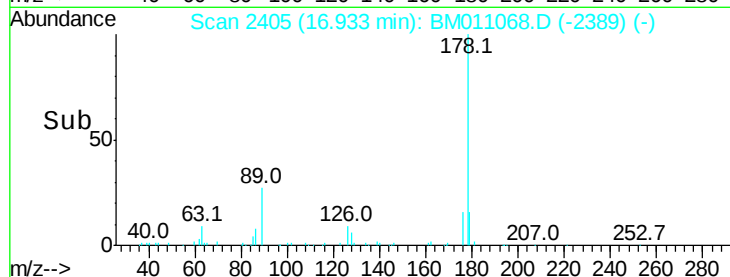
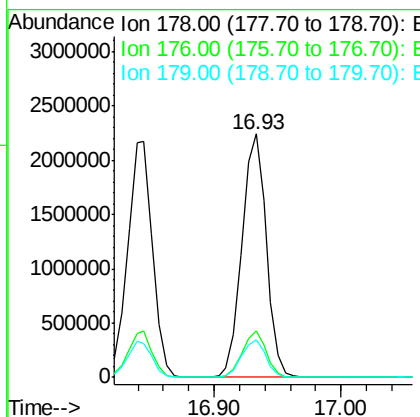
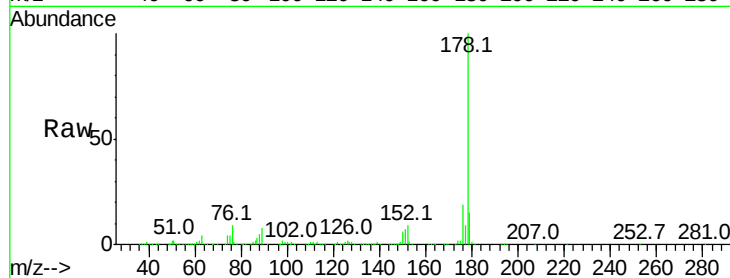
#71  
 Anthracene  
 Concen: 37.612 ng  
 RT: 16.93 min Scan# 2405  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 14.6  | 22.0  |
| 179     | 15.3  | 12.6  | 19.0  |

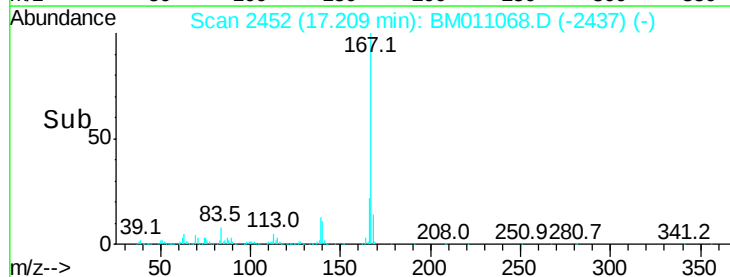
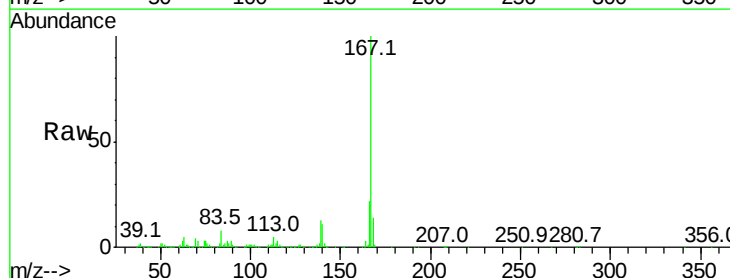
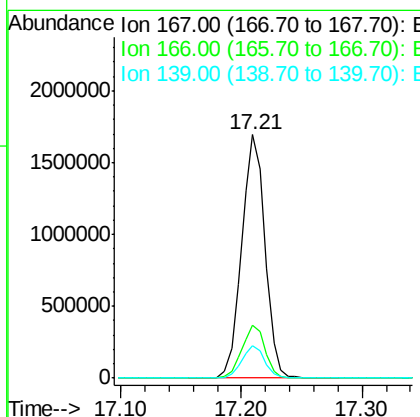
Manual Integrations  
 APPROVED

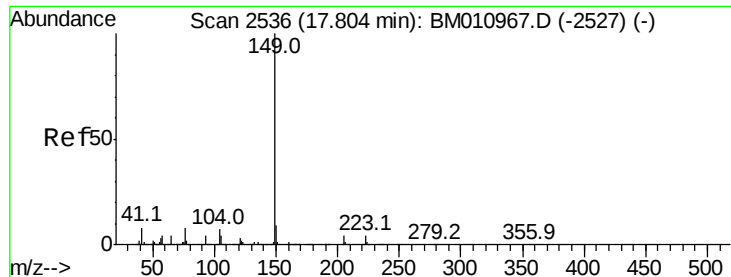
Sohil  
 8/1/2017 5:45:59 PM



#72  
 Carbazole  
 Concen: 33.128 ng  
 RT: 17.21 min Scan# 2452  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.2  | 25.8  |
| 139     | 13.2  | 10.8  | 16.2  |





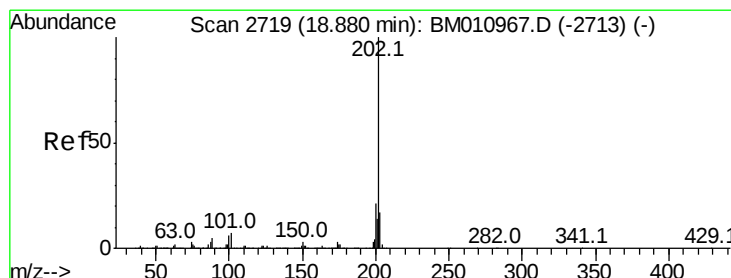
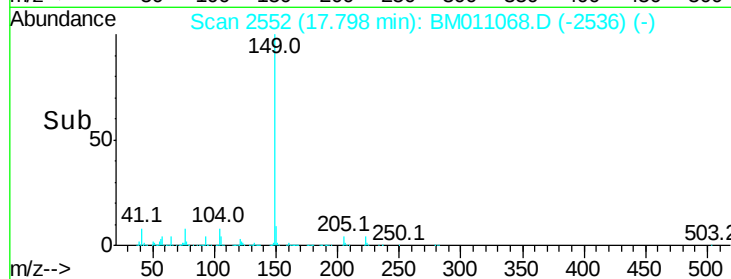
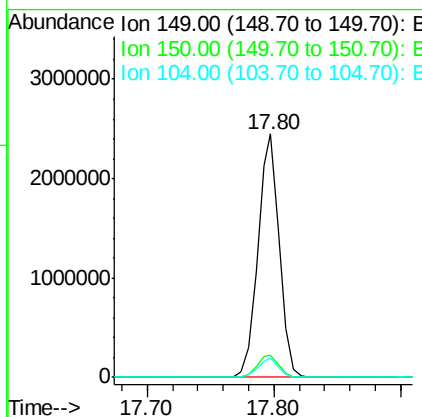
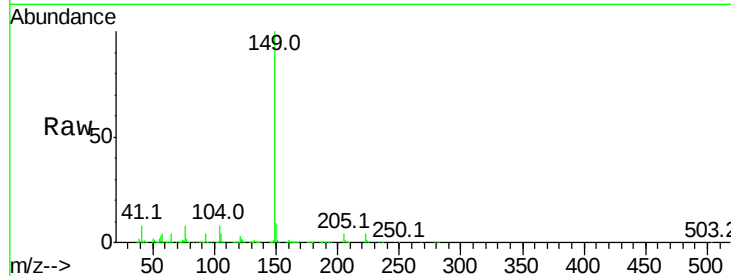
#73  
Di-n-butylphthalate  
Concen: 34.078 ng  
RT: 17.80 min Scan# 2552  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.5   | 11.3  |
| 104     | 8.2   | 3.7   | 5.5   |

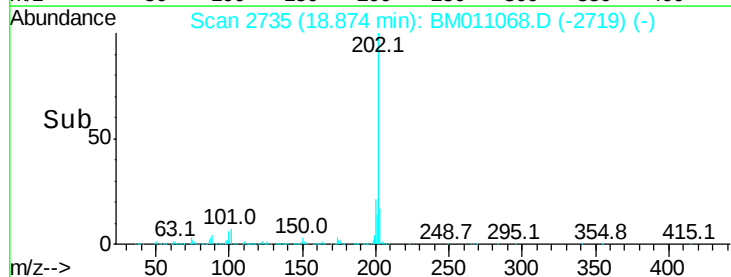
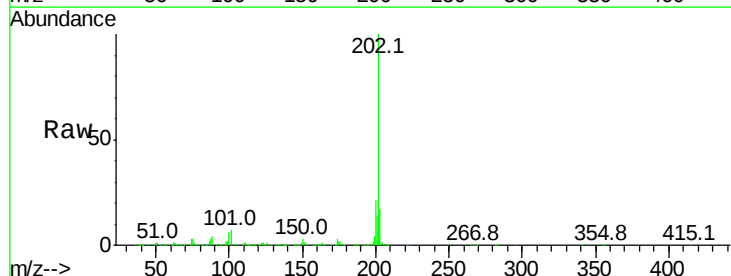
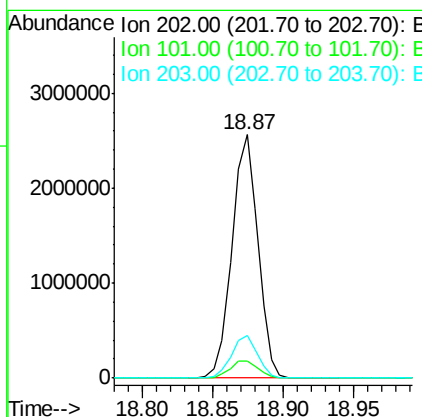
Manual Integrations  
APPROVED

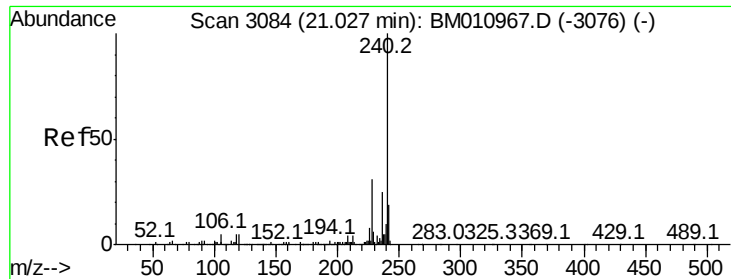
Sohil  
8/1/2017 5:45:59 PM



#74  
Fluoranthene  
Concen: 33.350 ng  
RT: 18.87 min Scan# 2735  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.0   | 0.0   | 28.7  |
| 203     | 17.5  | 0.0   | 37.2  |





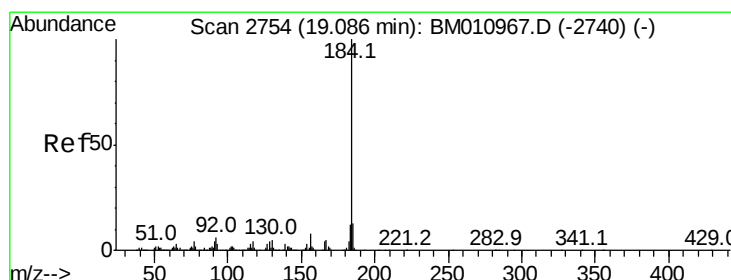
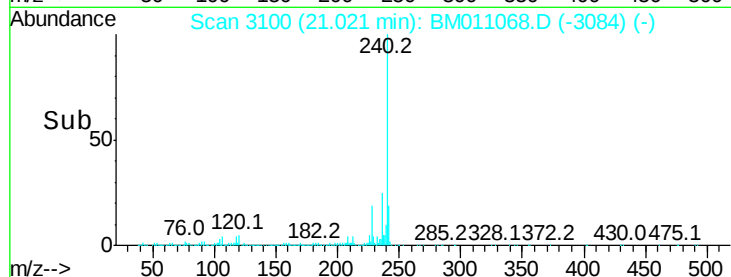
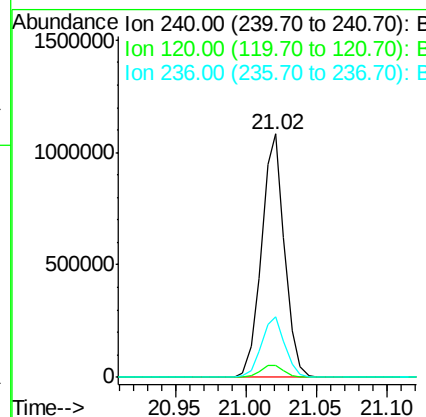
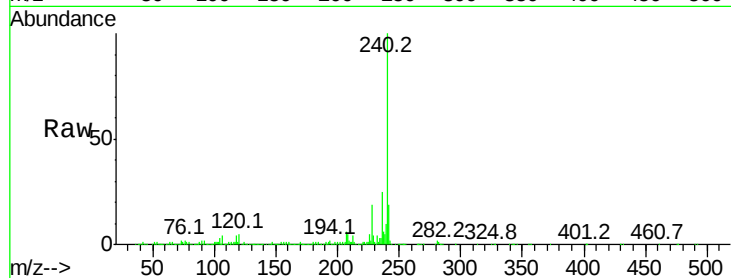
#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.02 min Scan# 3100  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.1   | 8.2   | 12.2# |
| 236     | 25.0  | 20.0  | 30.0  |

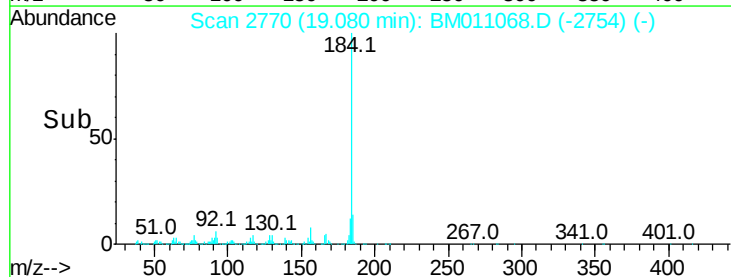
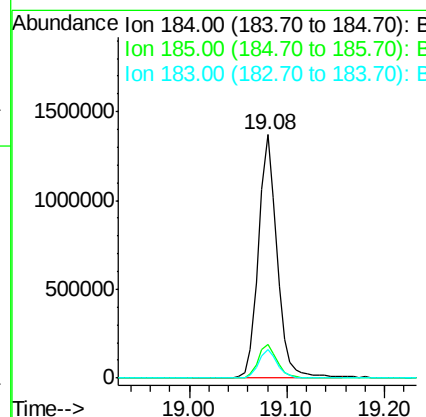
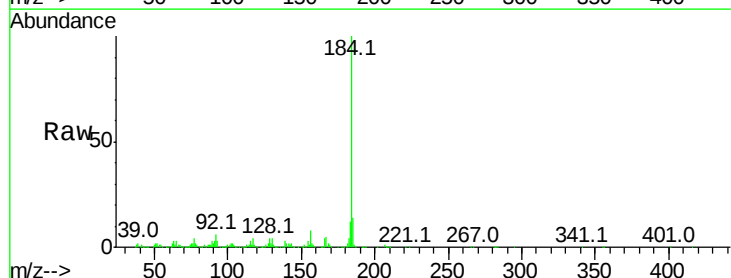
Manual Integrations  
 APPROVED

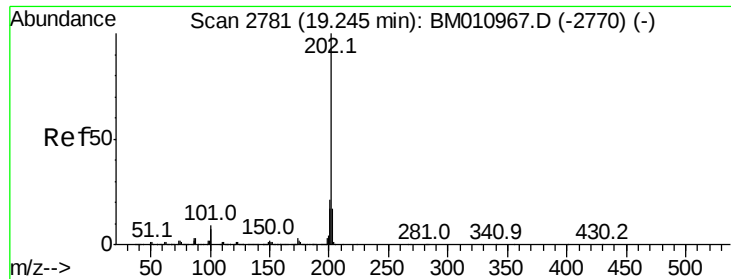
Sohil  
 8/1/2017 5:45:59 PM



#76  
 Benzidine  
 Concen: 61.326 ng  
 RT: 19.08 min Scan# 2770  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.7  | 11.3  | 16.9  |
| 183     | 11.7  | 8.9   | 13.3  |





#77

Pvrene

Concen: 44.521 ng

RT: 19.24 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

ClientSampleId :

PB101041BS

Tot Ion:202 Resp: 3297949

Ion Ratio Lower Upper

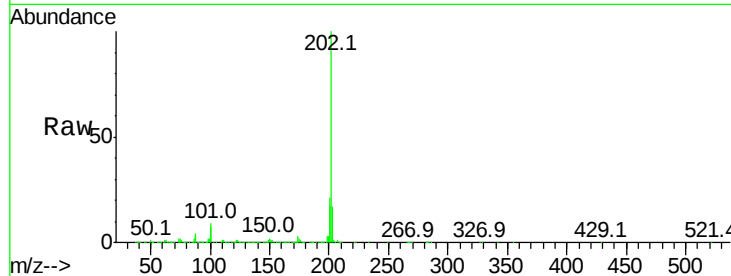
202 100

200 20.7 16.9 25.3

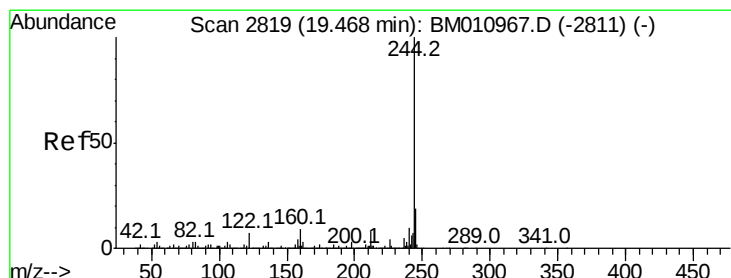
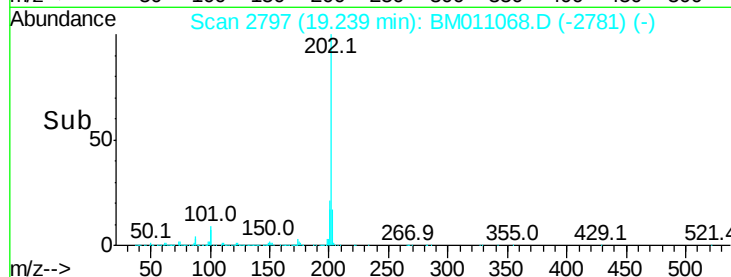
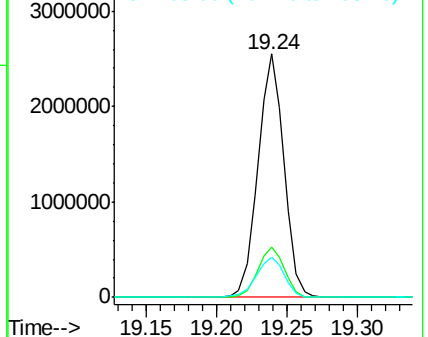
203 16.5 14.1 21.1

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.076 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

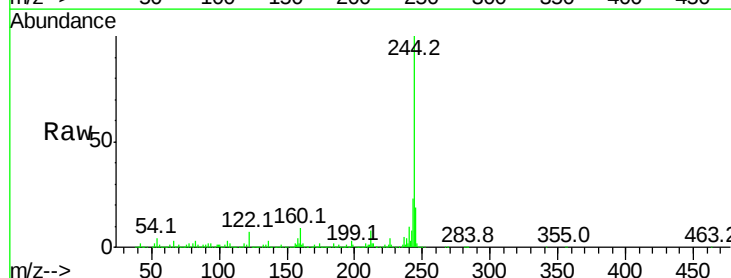
Tgt Ion:244 Resp: 4850869

Ion Ratio Lower Upper

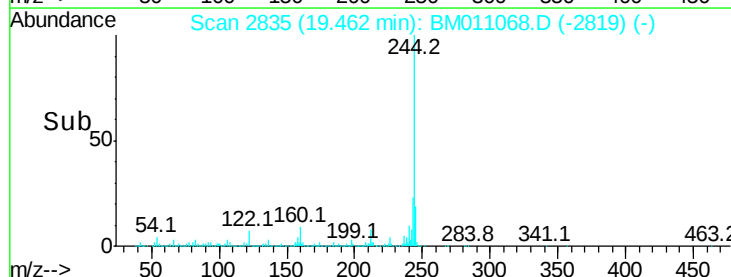
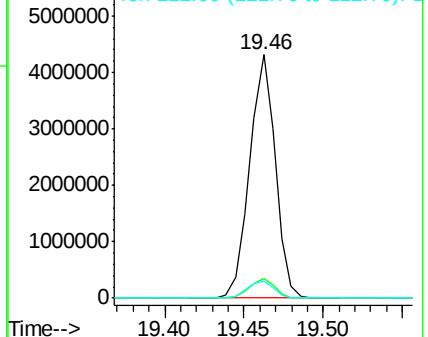
244 100

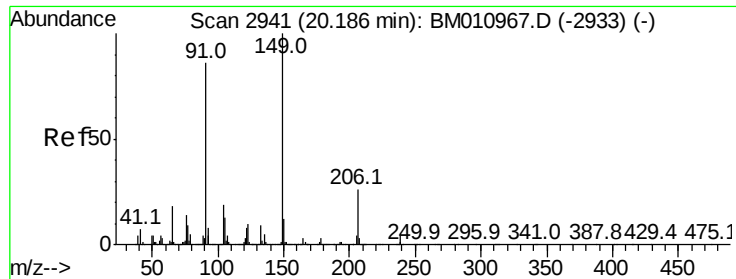
212 7.9 4.9 7.3#

122 6.9 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





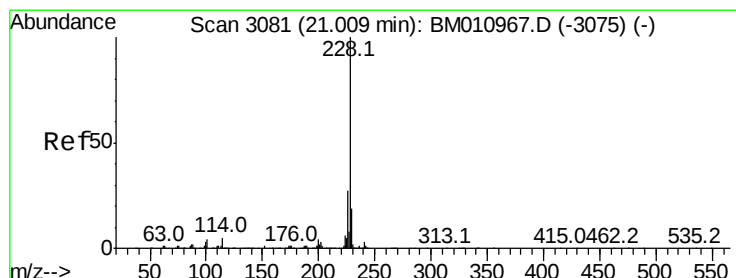
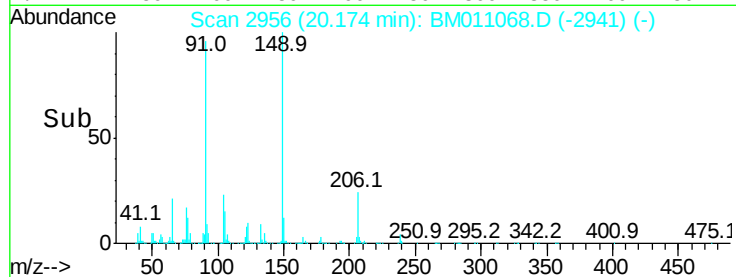
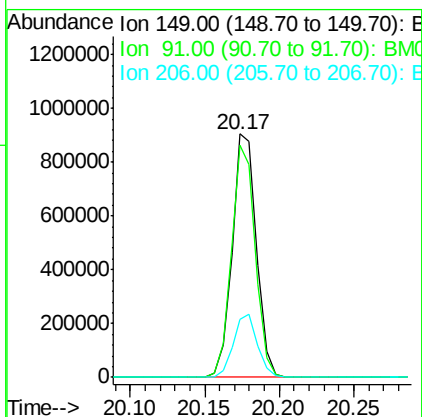
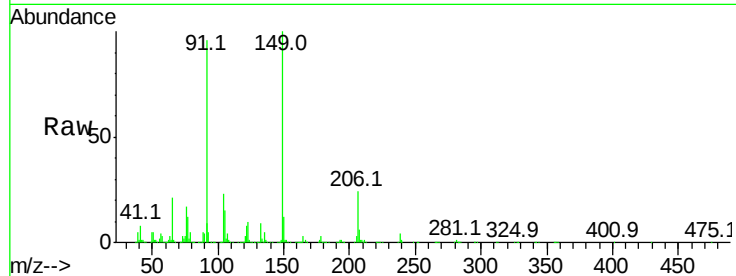
#79  
Butylbenzylphthalate  
Concen: 39.031 ng  
RT: 20.17 min Scan# 2956  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

Tot Ion:149 Resp: 1028130  
Ion Ratio Lower Upper  
149 100  
91 95.6 50.1 75.1#  
206 24.0 16.2 24.2

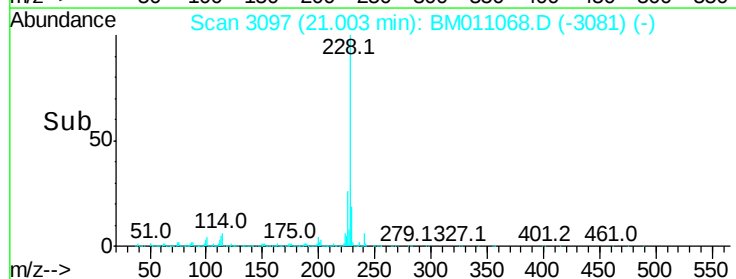
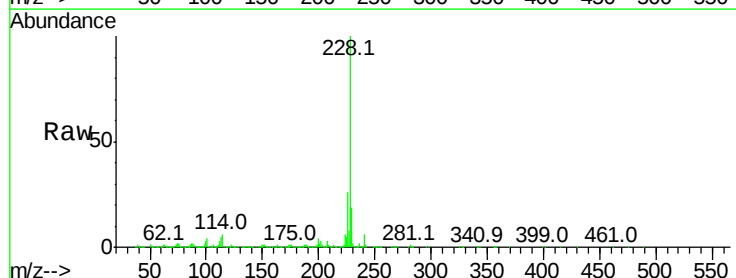
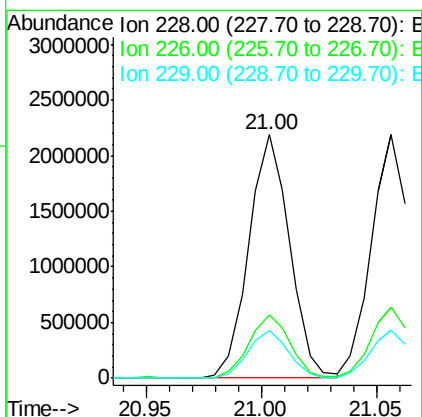
Manual Integrations  
APPROVED

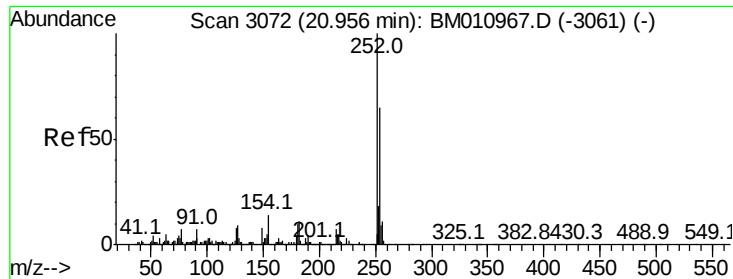
Sohil  
8/1/2017 5:45:59 PM



#80  
Benzo(a)anthracene  
Concen: 37.862 ng  
RT: 21.00 min Scan# 3097  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Tgt Ion:228 Resp: 2695219  
Ion Ratio Lower Upper  
228 100  
226 26.0 21.7 32.5  
229 19.5 16.0 24.0





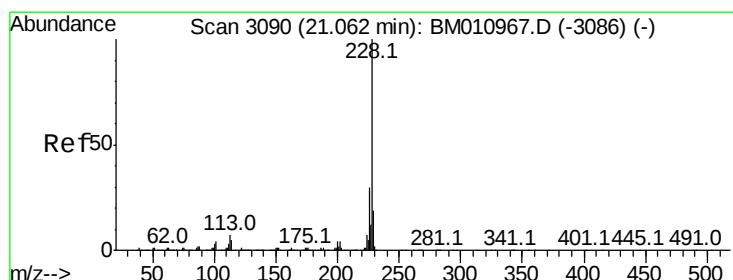
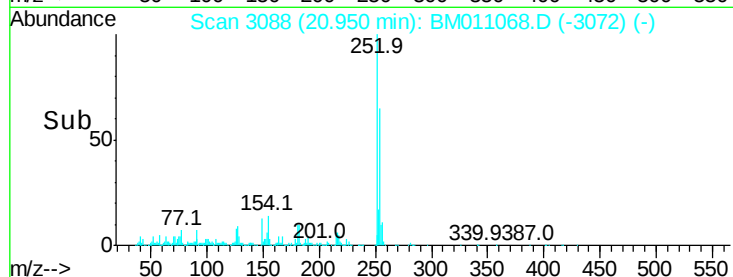
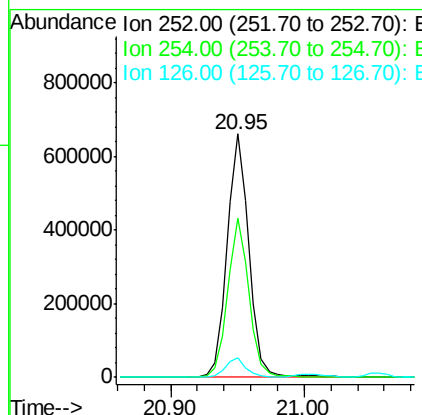
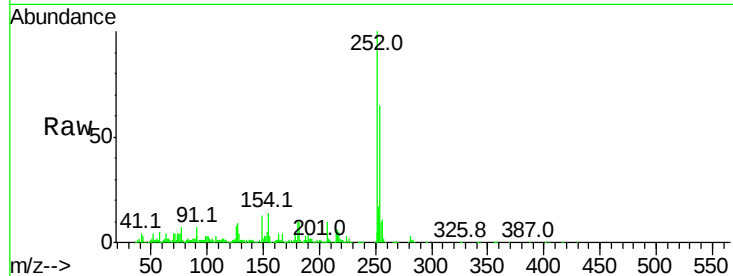
#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.126 ng  
 RT: 20.95 min Scan# 3088  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.3  | 51.9  | 77.9  |
| 126     | 8.2   | 9.8   | 14.8  |

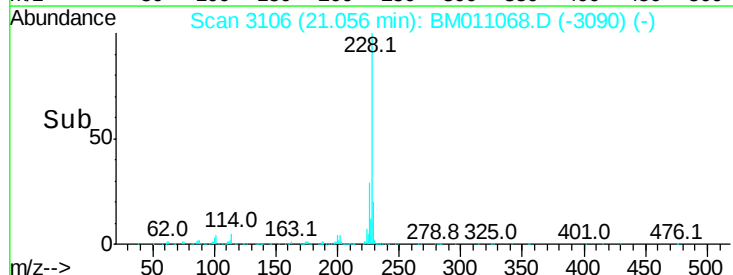
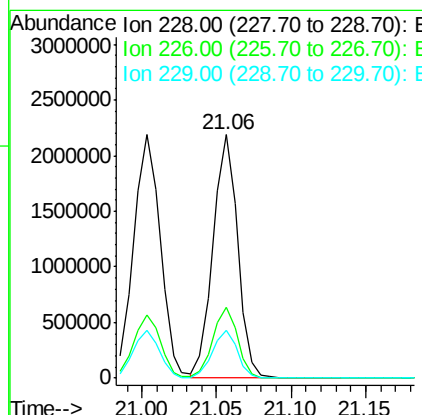
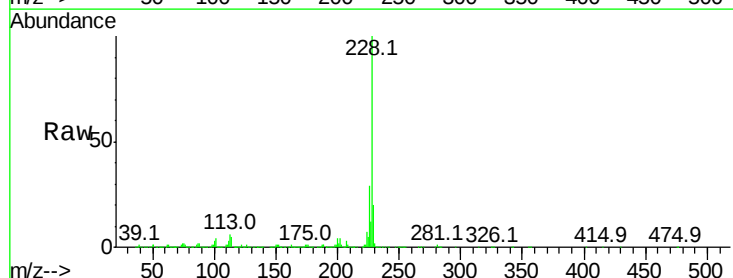
Manual Integrations  
 APPROVED

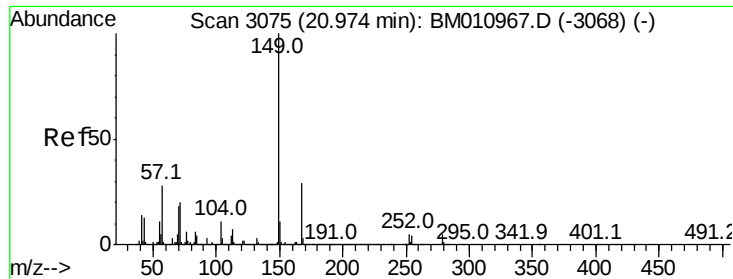
Sohil  
 8/1/2017 5:45:59 PM



#82  
 Chrysene  
 Concen: 36.915 ng  
 RT: 21.06 min Scan# 3106  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.0  | 24.1  | 36.1  |
| 229     | 19.5  | 15.5  | 23.3  |





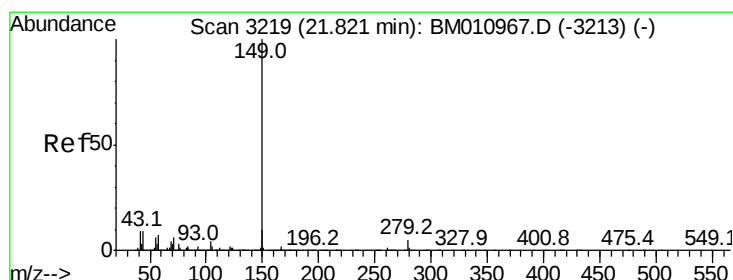
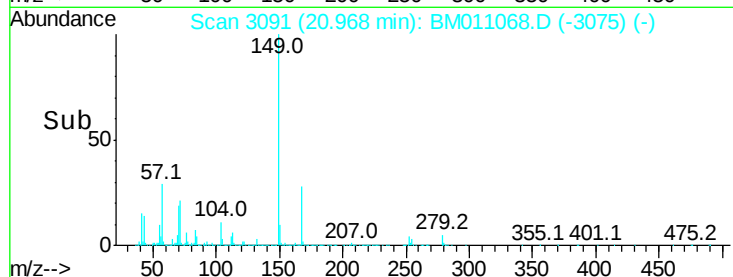
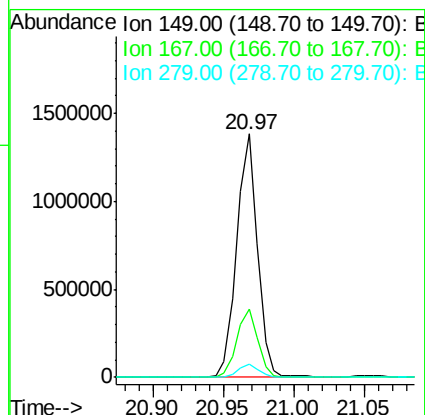
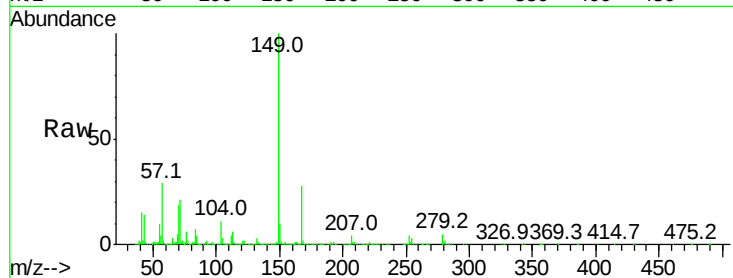
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 36.584 ng  
 RT: 20.97 min Scan# 3091  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB101041BS

Tot Ion:149 Resp: 1417707  
 Ion Ratio Lower Upper  
 149 100  
 167 27.9 22.4 33.6  
 279 5.4 3.4 5.0#

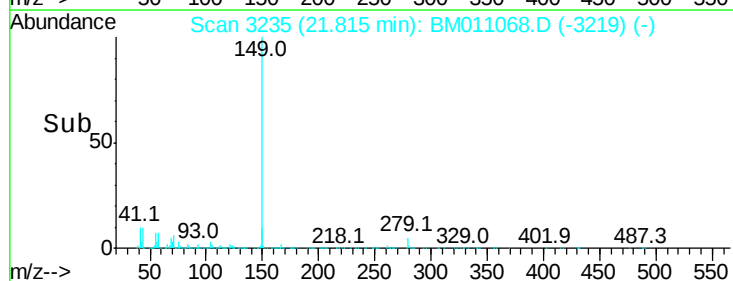
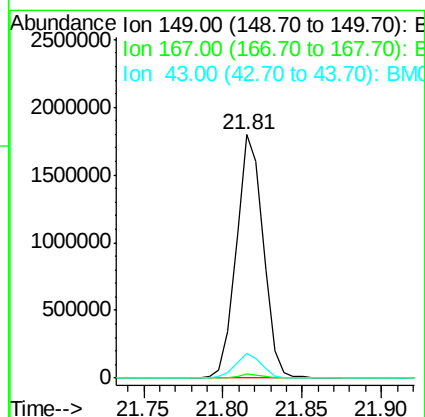
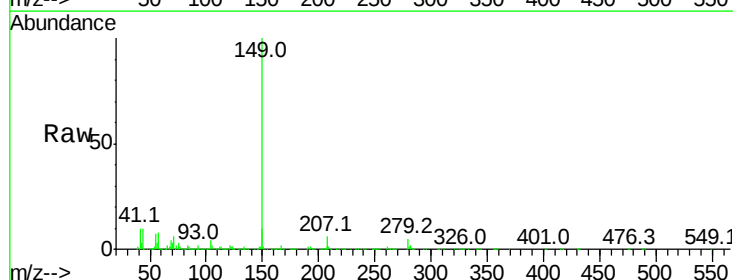
Manual Integrations  
 APPROVED

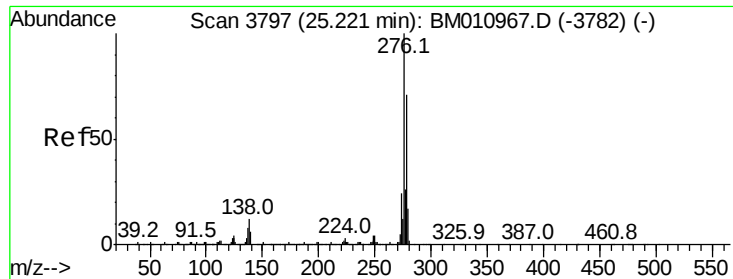
Sohil  
 8/1/2017 5:45:59 PM



#84  
 Di-n-octyl phthalate  
 Concen: 33.313 ng  
 RT: 21.81 min Scan# 3235  
 Delta R.T. -0.01 min  
 Lab File: BM011068.D  
 Acq: 31 Jul 2017 15:18

Tgt Ion:149 Resp: 2095181  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.2 1.8  
 43 9.8 7.3 10.9





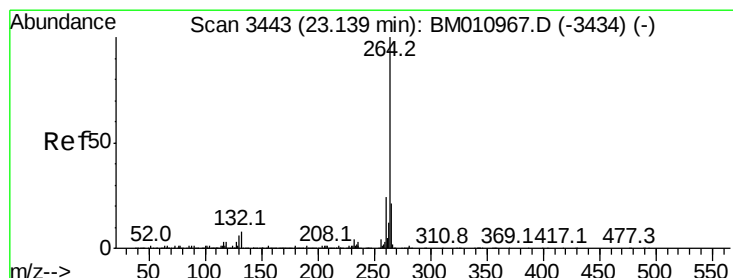
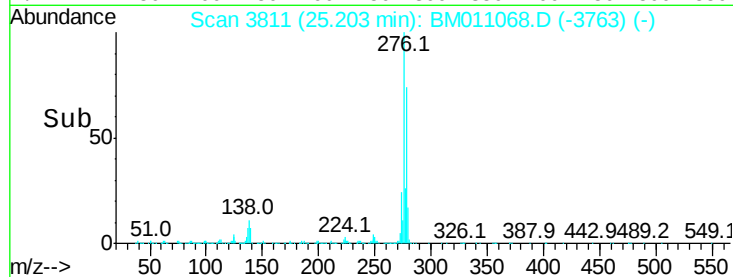
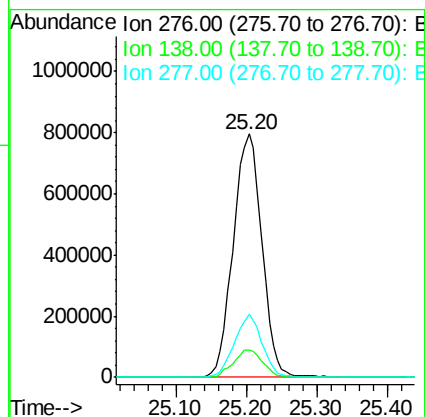
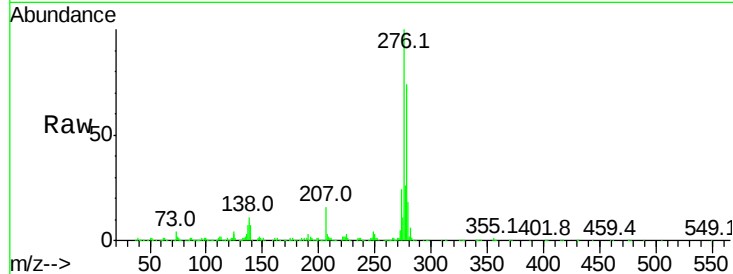
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 31.878 ng  
RT: 25.20 min Scan# 3811  
Delta R.T. -0.02 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

Tot Ion:276 Resp: 2255935  
Ion Ratio Lower Upper  
276 100  
138 11.7 12.0 18.0#  
277 24.8 20.0 30.0

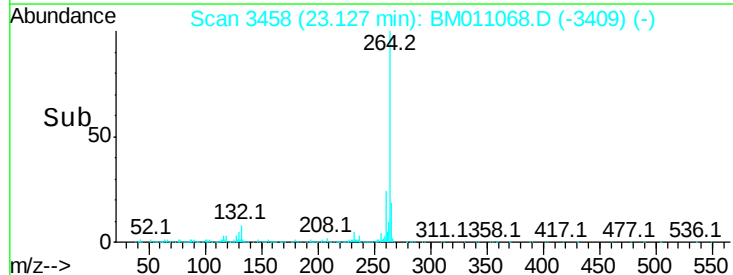
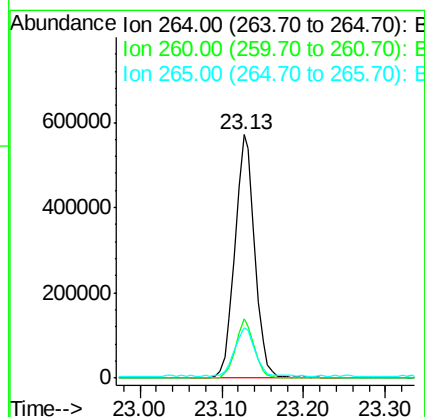
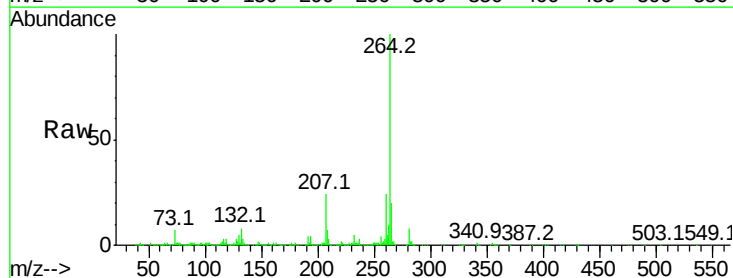
Manual Integrations  
APPROVED

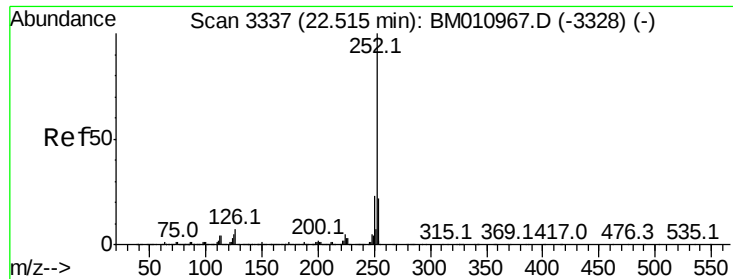
Sohil  
8/1/2017 5:45:59 PM



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.13 min Scan# 3458  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Tgt Ion:264 Resp: 965664  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.6 27.8  
265 20.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 36.412 ng

RT: 22.51 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

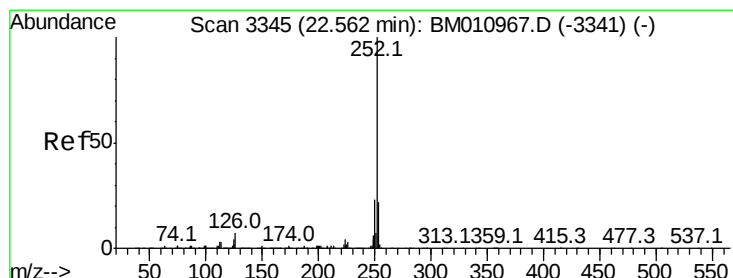
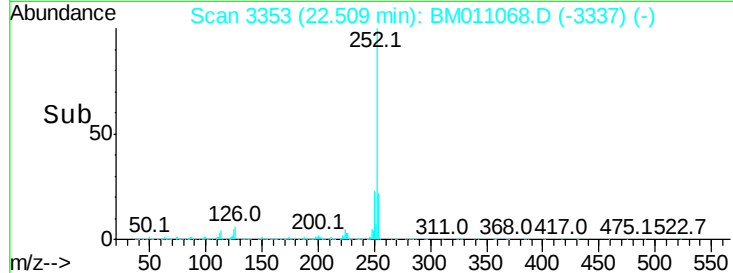
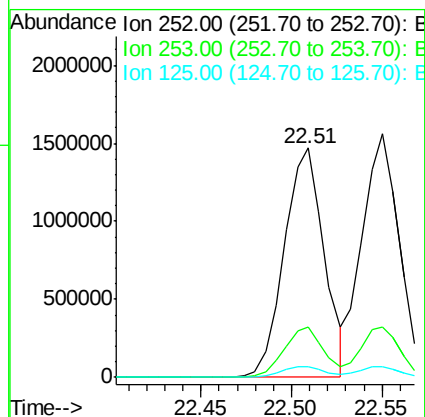
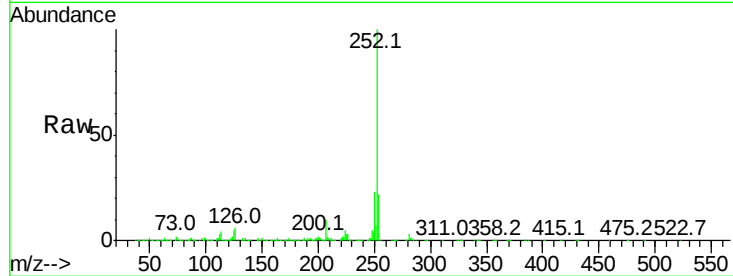
Instrument :  
BNA\_M

ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.0  | 27.0  |
| 125     | 4.7   | 9.9   | 14.9  |

Manual Integrations  
APPROVED

Sohil  
8/1/2017 5:45:59 PM



#88

Benzo(k)fluoranthene

Concen: 37.595 ng

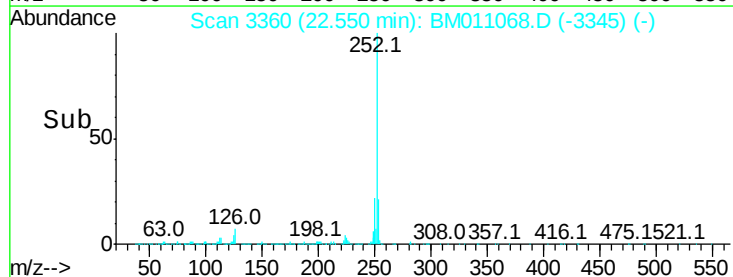
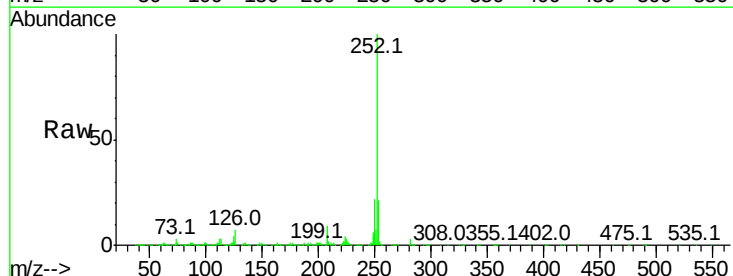
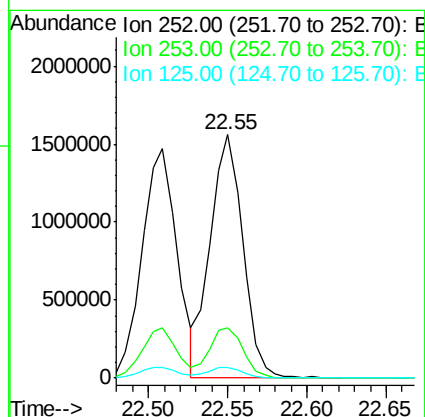
RT: 22.55 min Scan# 3360

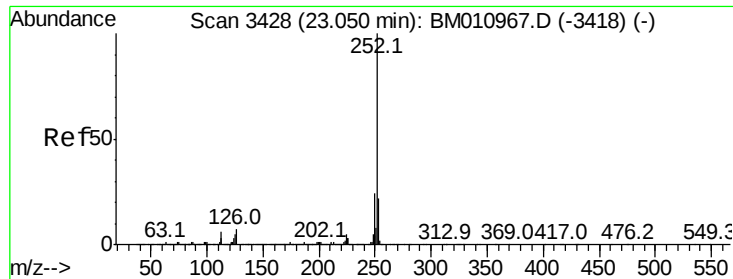
Delta R.T. -0.01 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.7  | 17.2  | 25.8  |
| 125     | 4.2   | 8.1   | 12.1  |





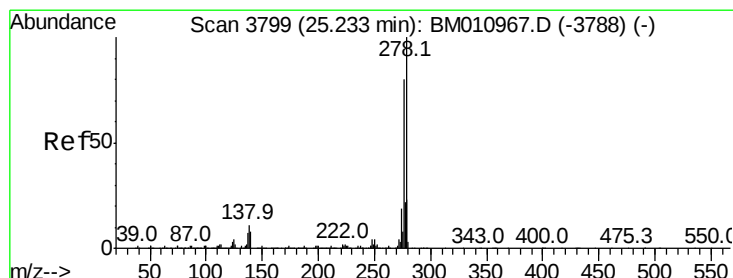
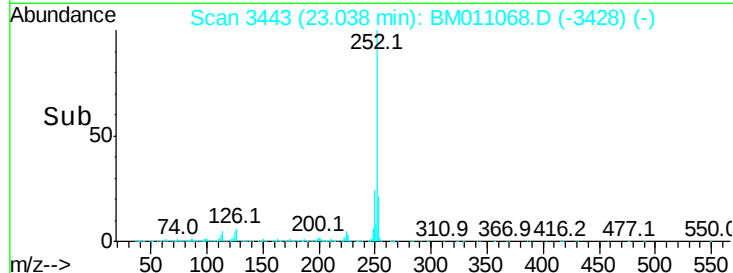
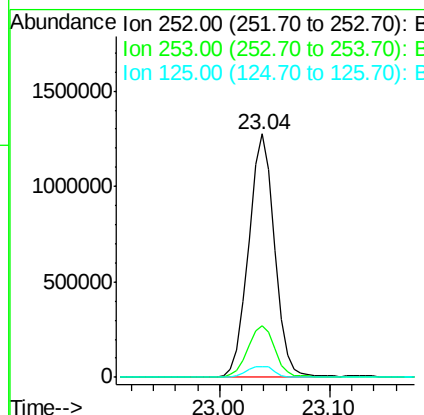
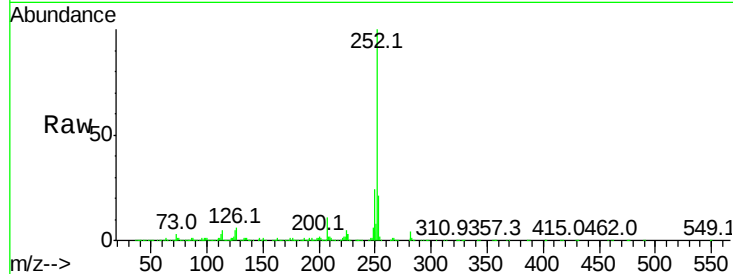
#89  
Benzo(a)pyrene  
Concen: 37.649 ng  
RT: 23.04 min Scan# 3443  
Delta R.T. -0.01 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

Instrument :  
BNA\_M  
ClientSampleId :  
PB101041BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 17.6  | 26.4  |
| 125     | 4.6   | 7.4   | 11.2  |

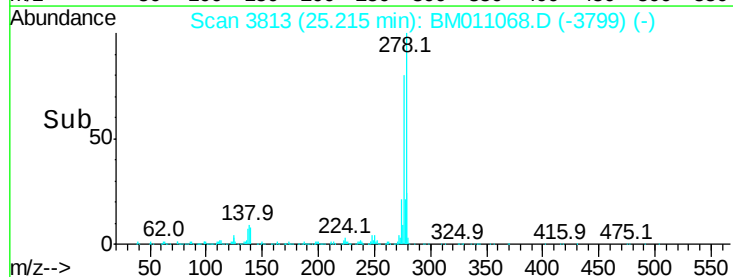
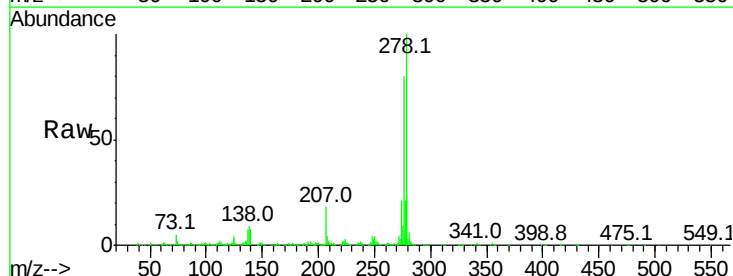
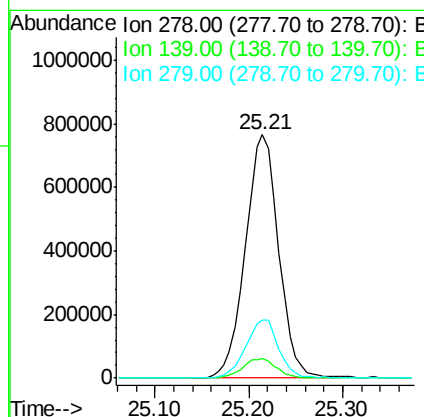
Manual Integrations  
APPROVED

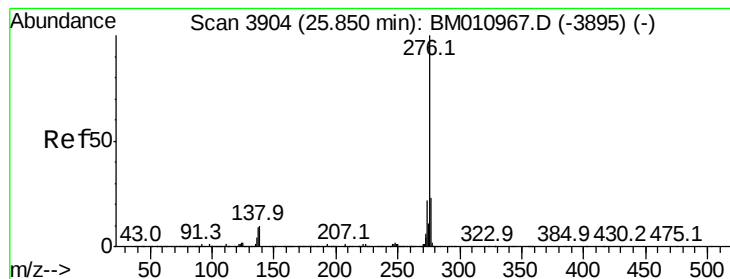
Sohil  
8/1/2017 5:45:59 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 36.107 ng  
RT: 25.21 min Scan# 3813  
Delta R.T. -0.02 min  
Lab File: BM011068.D  
Acq: 31 Jul 2017 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.2   | 13.4  | 20.0  |
| 279     | 24.1  | 19.0  | 28.4  |





#91

Benzo(a,h,i)perylene

Concen: 36.158 ng

RT: 25.83 min Scan# 3918

Delta R.T. -0.02 min

Lab File: BM011068.D

Acq: 31 Jul 2017 15:18

Instrument :

BNA\_M

ClientSampleId :

PB101041BS

Tot Ion:276 Resp: 1845915

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

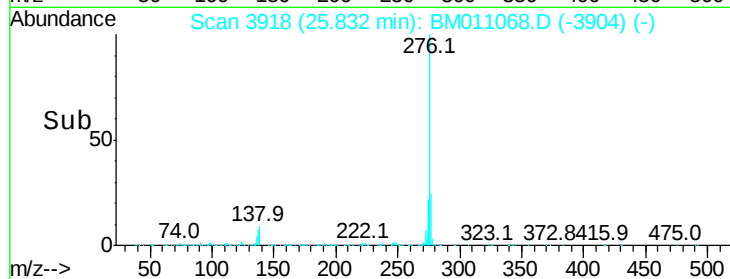
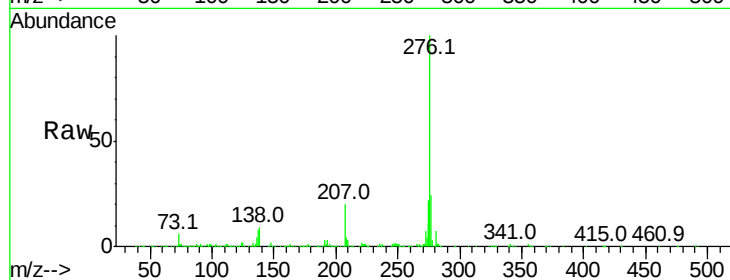
138 9.1 19.0 28.6#

Manual Integrations

APPROVED

Sohil

8/1/2017 5:45:59 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

