

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\  
 Data File : BM015782.D  
 Acq On : 06 Jul 2018 00:15  
 Operator : SJ/JU  
 Sample : PB110812BS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:21:49 PM

Quant Time: Jul 06 07:22:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 05 17:39:50 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.31  | 152  | 122440   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.14 | 136  | 534640   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.93 | 164  | 313077   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.66 | 188  | 672997   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.77 | 240  | 659850   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.17 | 264  | 514442   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.82  | 112 | 1196097 | 167.53 | ng | 0.00 |
| 7) Phenol-d6                | 7.47  | 99  | 1573912 | 161.03 | ng | 0.01 |
| 23) Nitrobenzene-d5         | 9.50  | 82  | 1071176 | 97.76  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 16.42 | 330 | 706751  | 172.77 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 13.56 | 172 | 2489662 | 98.73  | ng | 0.00 |
| 78) Terphenyl-d14           | 20.22 | 244 | 4009489 | 112.71 | ng | 0.00 |

|                                |       |     |         |         |    |       |
|--------------------------------|-------|-----|---------|---------|----|-------|
| Target Compounds               |       |     |         | Qvalue  |    |       |
| 2) 1,4-Dioxane                 | 3.56  | 88  | 100731  | 34.115  | ng | # 100 |
| 3) Pyridine                    | 4.01  | 79  | 277201  | 35.576  | ng | # 79  |
| 4) n-Nitrosodimethylamine      | 3.92  | 42  | 258419  | 42.594  | ng | # 44  |
| 6) Aniline                     | 7.63  | 93  | 447081  | 37.729  | ng | 91    |
| 8) 2-Chlorophenol              | 7.87  | 128 | 430382  | 50.228  | ng | 97    |
| 9) Benzaldehyde                | 7.45  | 77  | 189390  | 30.743  | ng | 92    |
| 10) Phenol                     | 7.50  | 94  | 502609  | 51.177  | ng | 93    |
| 11) bis(2-Chloroethyl)ether    | 7.73  | 93  | 346002  | 43.309  | ng | 88    |
| 12) 1,3-Dichlorobenzene        | 8.20  | 146 | 418057  | 44.005  | ng | # 93  |
| 13) 1,4-Dichlorobenzene        | 8.35  | 146 | 426685  | 43.432  | ng | # 95  |
| 14) 1,2-Dichlorobenzene        | 8.67  | 146 | 425563  | 44.790  | ng | 94    |
| 15) Benzyl Alcohol             | 8.56  | 79  | 396919  | 46.776  | ng | 88    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.84  | 45  | 552644  | 63.339  | ng | 99    |
| 17) 2-Methylphenol             | 8.76  | 107 | 347828  | 51.120  | ng | # 87  |
| 18) Hexachloroethane           | 9.40  | 117 | 178815  | 46.031  | ng | 96    |
| 19) n-Nitroso-di-n-propylamine | 9.13  | 70  | 336050  | 42.781  | ng | # 79  |
| 20) 3+4-Methylphenols          | 9.10  | 107 | 471140  | 49.850  | ng | 88    |
| 22) Acetophenone               | 9.16  | 105 | 626682  | 44.996  | ng | # 88  |
| 24) Nitrobenzene               | 9.55  | 77  | 505289  | 47.372  | ng | 99    |
| 25) Isophorone                 | 10.07 | 82  | 874580  | 52.292  | ng | 95    |
| 26) 2-Nitrophenol              | 10.26 | 139 | 226190  | 49.246  | ng | # 61  |
| 27) 2,4-Dimethylphenol         | 10.30 | 122 | 402229  | 57.646  | ng | 86    |
| 28) bis(2-Chloroethoxy)methane | 10.54 | 93  | 514045  | 47.176  | ng | 98    |
| 29) 2,4-Dichlorophenol         | 10.79 | 162 | 418472  | 54.151  | ng | 96    |
| 30) 1,2,4-Trichlorobenzene     | 11.00 | 180 | 425970  | 47.457  | ng | 97    |
| 31) Naphthalene                | 11.19 | 128 | 1299164 | 46.869  | ng | 100   |
| 32) Benzoic acid               | 10.49 | 122 | 213652m | 34.585  | ng |       |
| 33) 4-Chloroaniline            | 11.30 | 127 | 327851  | 29.010  | ng | # 87  |
| 34) Hexachlorobutadiene        | 11.45 | 225 | 273681  | 45.687  | ng | 98    |
| 35) Caprolactam                | 12.13 | 113 | 121813m | 47.530  | ng |       |
| 36) 4-Chloro-3-methylphenol    | 12.42 | 107 | 464148  | 52.345  | ng | 90    |
| 37) 2-Methylnaphthalene        | 12.78 | 142 | 994923  | 50.457  | ng | # 94  |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.14 | 216 | 489231  | 48.688  | ng | # 100 |
| 40) Hexachlorocyclopentadiene  | 13.10 | 237 | 585413  | 119.472 | ng | 99    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\  
 Data File : BM015782.D  
 Acq On : 06 Jul 2018 00:15  
 Operator : SJ/JU  
 Sample : PB110812BS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

Manual Integrations  
 APPROVED

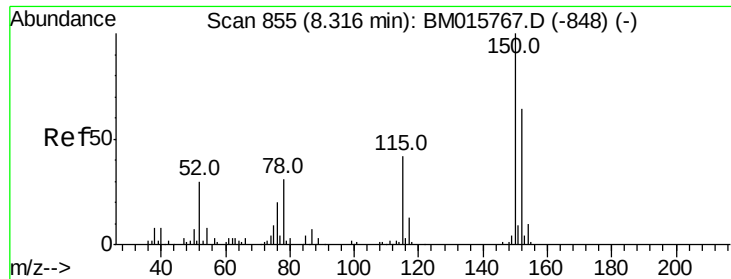
Sohil  
 7/6/2018 5:21:49 PM

Quant Time: Jul 06 07:22:48 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 05 17:39:50 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.38 | 196  | 333658   | 52.530  | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.46 | 196  | 352472   | 51.370  | nq #  | 85       |
| 45) 1,1'-Biphenyl              | 13.77 | 154  | 1288219  | 47.591  | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.82 | 162  | 983138   | 48.578  | nq #  | 90       |
| 47) 2-Nitroaniline             | 14.03 | 65   | 340312   | 48.219  | nq #  | 81       |
| 48) Acenaphthylene             | 14.66 | 152  | 1619600  | 49.193  | nq    | 99       |
| 49) Dimethylphthalate          | 14.39 | 163  | 1299104  | 47.050  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.52 | 165  | 271279   | 50.390  | nq #  | 72       |
| 51) Acenaphthene               | 15.00 | 154  | 940129   | 45.890  | nq    | 97       |
| 52) 3-Nitroaniline             | 14.85 | 138  | 197031   | 33.437  | nq #  | 76       |
| 53) 2,4-Dinitrophenol          | 15.07 | 184  | 135273   | 52.817  | nq #  | 89       |
| 54) Dibenzofuran               | 15.33 | 168  | 1528935  | 48.433  | nq #  | 88       |
| 55) 4-Nitrophenol              | 15.16 | 139  | 448410   | 103.110 | nq #  | 70       |
| 56) 2,4-Dinitrotoluene         | 15.31 | 165  | 385820   | 49.640  | nq    | 94       |
| 57) Fluorene                   | 15.97 | 166  | 1254967  | 48.208  | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.55 | 232  | 310576   | 53.640  | nq #  | 100      |
| 59) Diethylphthalate           | 15.73 | 149  | 1374587  | 46.456  | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.96 | 204  | 631203   | 47.121  | nq    | 91       |
| 61) 4-Nitroaniline             | 16.02 | 138  | 294018   | 48.097  | nq #  | 39       |
| 62) Azobenzene                 | 16.25 | 77   | 1436162  | 51.780  | nq    | 83       |
| 64) 4,6-Dinitro-2-methylphenol | 16.07 | 198  | 124705   | 30.480  | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 16.17 | 169  | 1076241  | 46.670  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.84 | 248  | 380418   | 50.627  | nq #  | 85       |
| 67) Hexachlorobenzene          | 16.97 | 284  | 417153   | 49.681  | nq #  | 82       |
| 68) Atrazine                   | 17.11 | 200  | 396653   | 52.293  | nq    | 99       |
| 69) Pentachlorophenol          | 17.31 | 266  | 451333   | 86.867  | nq    | 98       |
| 70) Phenanthrene               | 17.70 | 178  | 1879508  | 48.815  | nq    | 99       |
| 71) Anthracene                 | 17.79 | 178  | 1932495  | 51.109  | nq    | 99       |
| 72) Carbazole                  | 18.06 | 167  | 1716985  | 48.730  | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.58 | 149  | 2313405  | 48.712  | nq #  | 98       |
| 74) Fluoranthene               | 19.68 | 202  | 2116206  | 47.810  | nq    | 99       |
| 76) Benzidine                  | 19.86 | 184  | 1001992  | 51.828  | nq    | 99       |
| 77) Pyrene                     | 20.04 | 202  | 2139780  | 52.058  | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.89 | 149  | 1029798  | 51.830  | nq #  | 85       |
| 80) Benzo(a)anthracene         | 21.75 | 228  | 2072317  | 49.534  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 453201   | 30.150  | nq    | 99       |
| 82) Chrysene                   | 21.80 | 228  | 1918805  | 49.235  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 1471890  | 50.137  | nq    | 96       |
| 84) Di-n-octyl phthalate       | 22.56 | 149  | 2322173  | 48.511  | nq #  | 91       |
| 85) Indeno(1,2,3-cd)pyrene     | 26.66 | 276  | 1537700  | 42.468  | nq #  | 93       |
| 87) Benzo(b)fluoranthene       | 23.44 | 252  | 1737703  | 50.593  | nq #  | 97       |
| 88) Benzo(k)fluoranthene       | 23.49 | 252  | 1710521  | 51.268  | nq    | 98       |
| 89) Benzo(a)pyrene             | 24.07 | 252  | 1575976  | 52.126  | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 26.66 | 278  | 1318149  | 48.457  | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 27.41 | 276  | 1193070  | 49.917  | nq #  | 94       |

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





#1

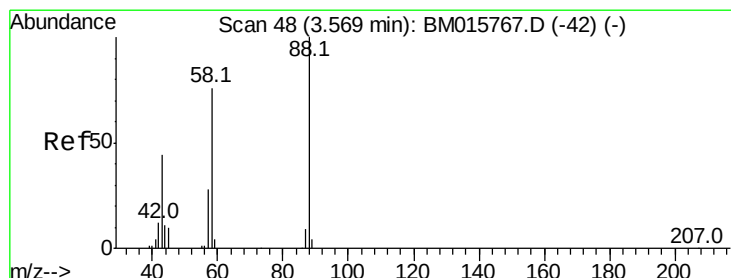
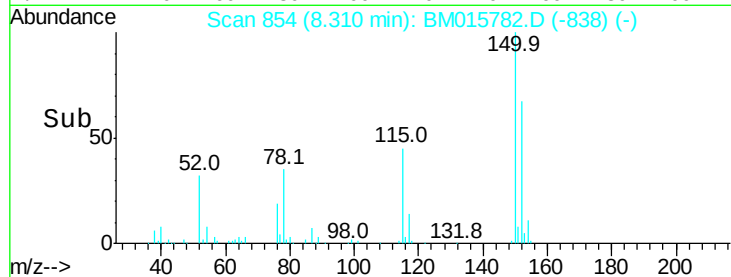
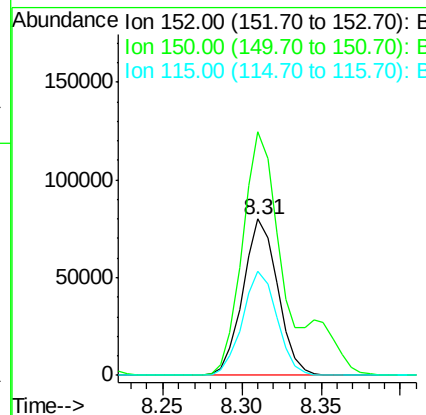
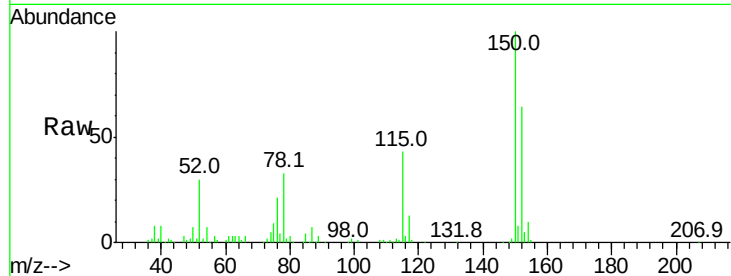
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.31 min Scan# 854  
Delta R.T. -0.01 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.7 | 119.5 | 179.3 |
| 115     | 66.8  | 43.0  | 64.4  |

Manual Integrations  
APPROVED

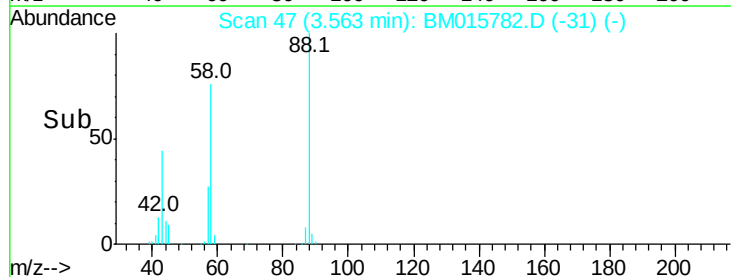
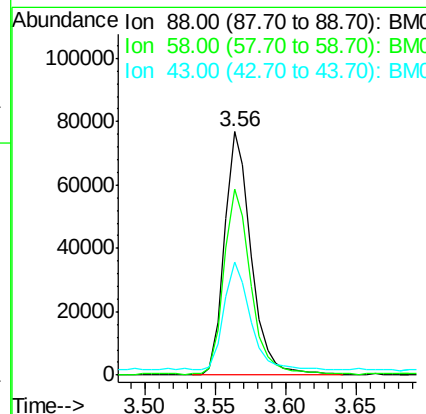
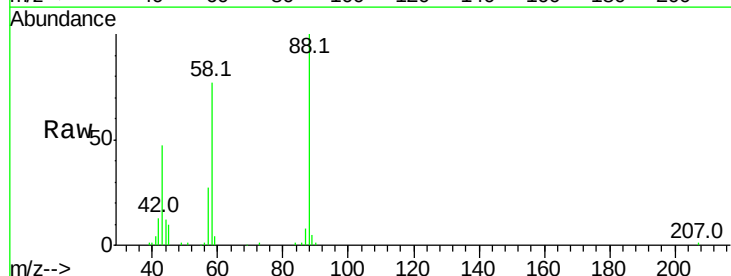
Sohil  
7/6/2018 5:21:49 PM

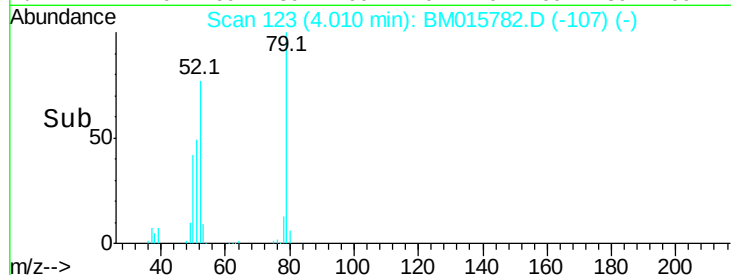
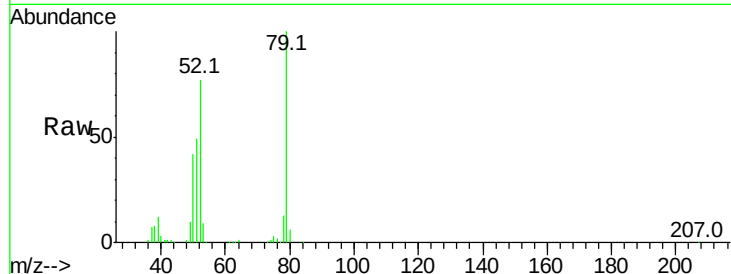
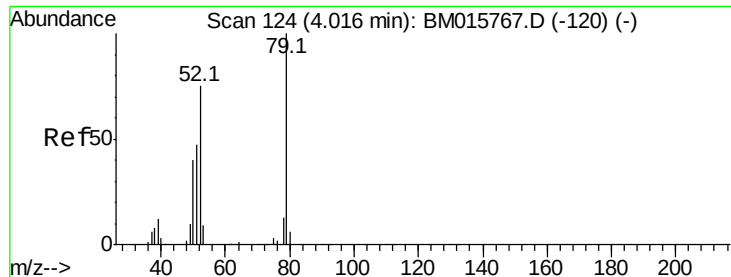


#2

1,4-Dioxane  
Concen: 34.115 ng  
RT: 3.56 min Scan# 47  
Delta R.T. -0.01 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.3  | 0.0   | 0.0   |
| 43      | 43.9  | 0.0   | 0.0   |





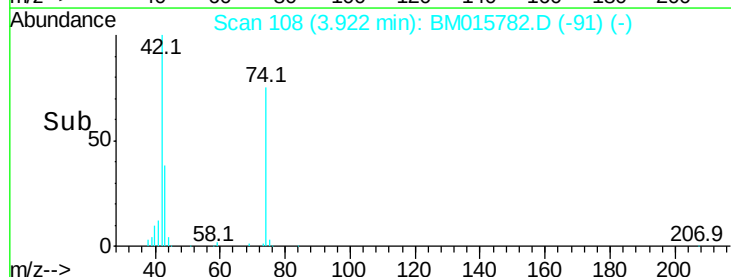
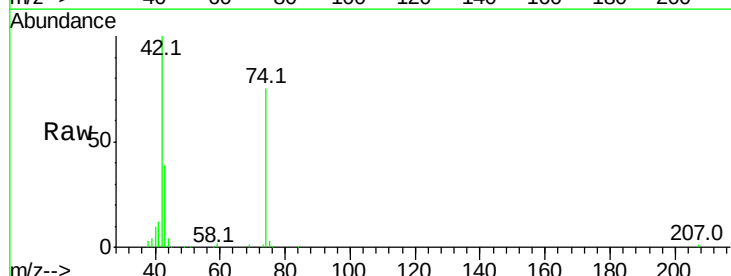
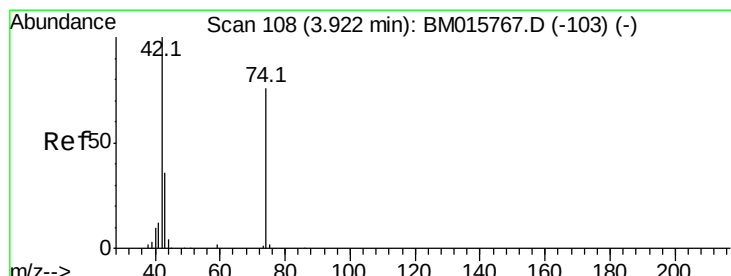
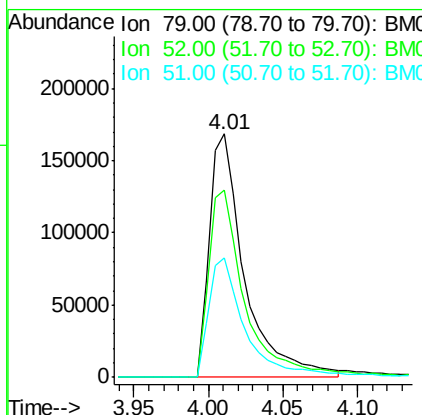
#3  
 Pvridine  
 Concen: 35.576 ng  
 RT: 4.01 min Scan# 123  
 Delta R.T. -0.01 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 76.8  | 51.1  | 76.7# |
| 51      | 48.9  | 26.1  | 39.1# |

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

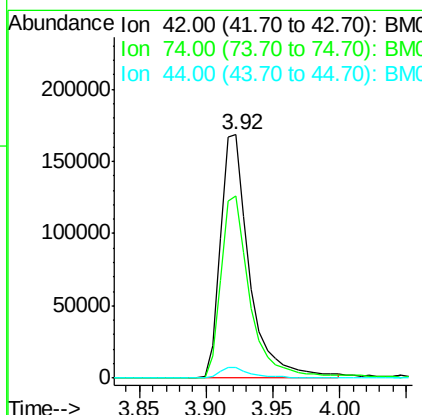
Manual Integrations  
 APPROVED

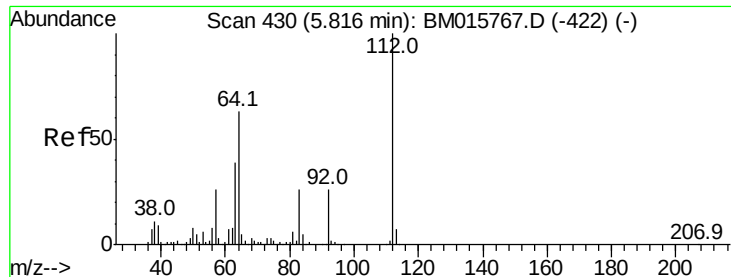
Sohil  
 7/6/2018 5:21:49 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 42.594 ng  
 RT: 3.92 min Scan# 108  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 75.0  | 119.3 | 178.9# |
| 44      | 4.5   | 5.4   | 8.2#   |





#5

2-Fluorophenol

Concen: 42.594 ng

RT: 5.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

ClientSampled :

PB110812BS

Tot Ion:112 Resp: 1196097

Ion Ratio Lower Upper

112 100

64 62.4 38.6 57.8#

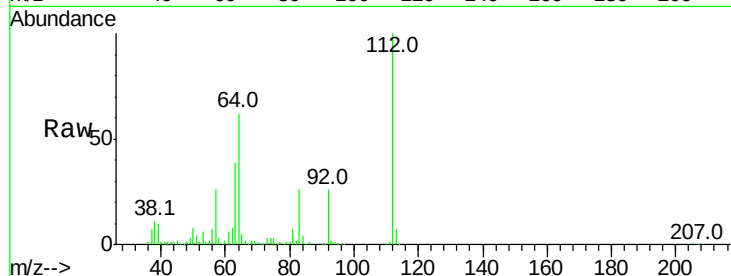
63 39.1 19.3 28.9#

Manual Integrations

APPROVED

Sohil

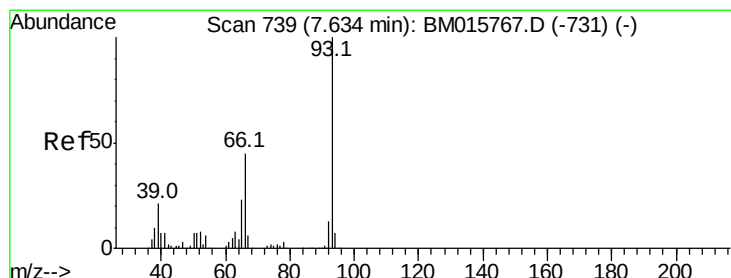
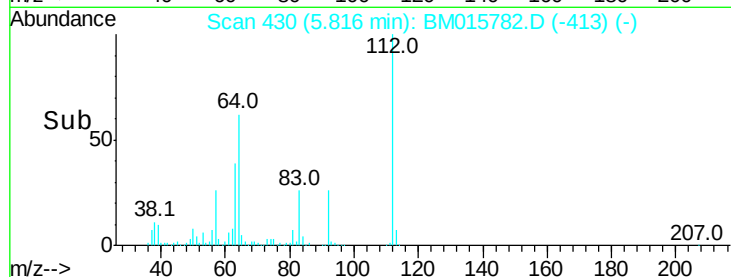
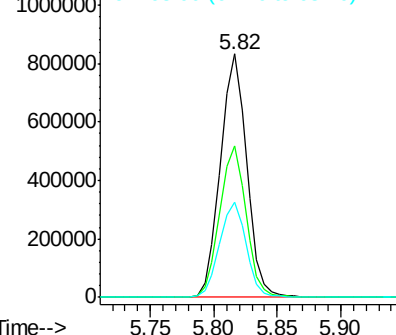
7/6/2018 5:21:49 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 37.729 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

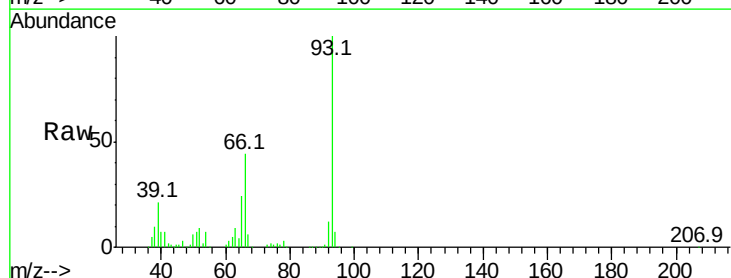
Tgt Ion: 93 Resp: 447081

Ion Ratio Lower Upper

93 100

66 44.2 30.8 46.2

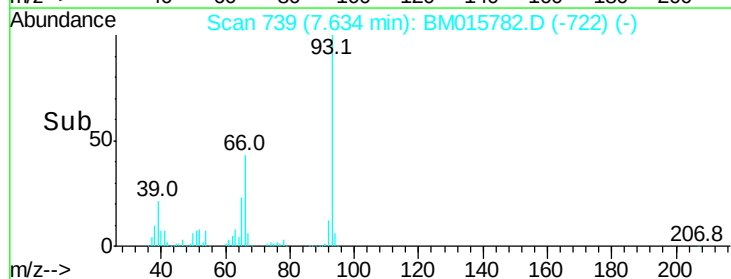
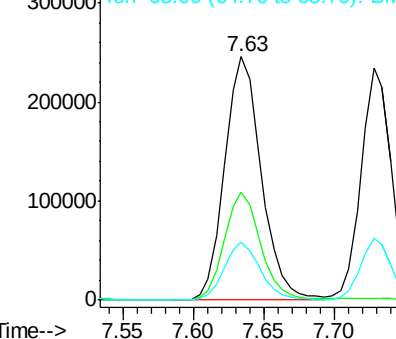
65 23.8 16.0 24.0

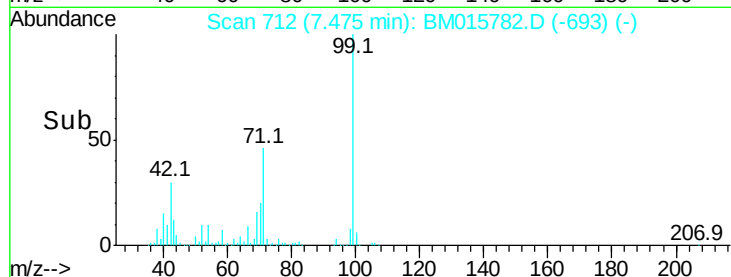
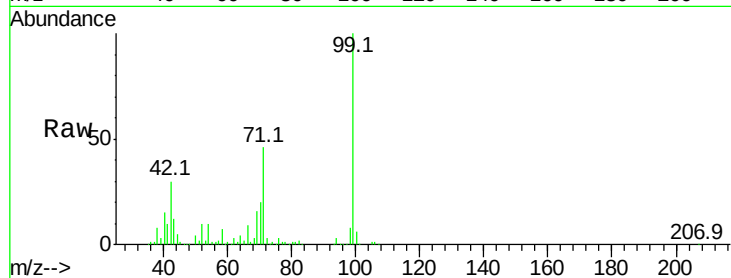
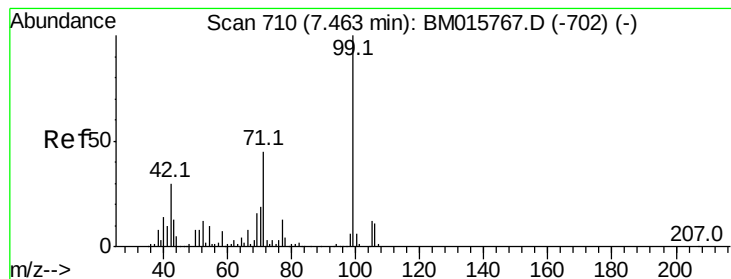


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 37.729 ng

RT: 7.47 min Scan# 712

Delta R.T. 0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

ClientSampleId :

PB110812BS

Tot Ion: 99 Resp: 1573912

Ion Ratio Lower Upper

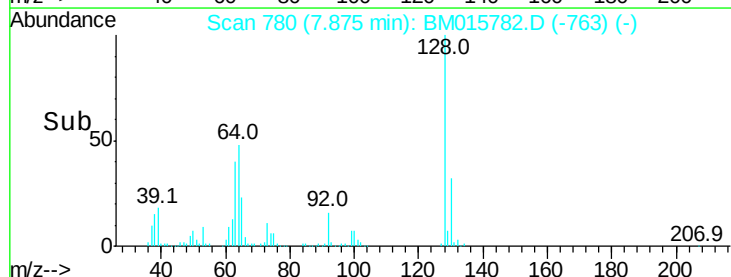
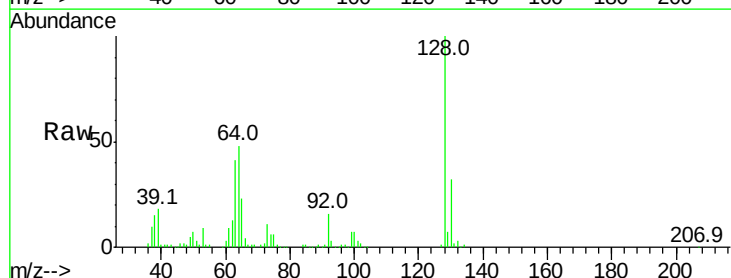
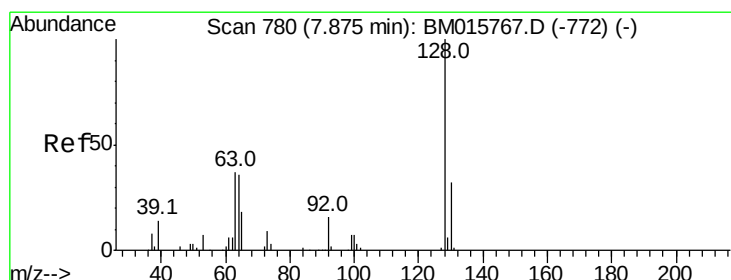
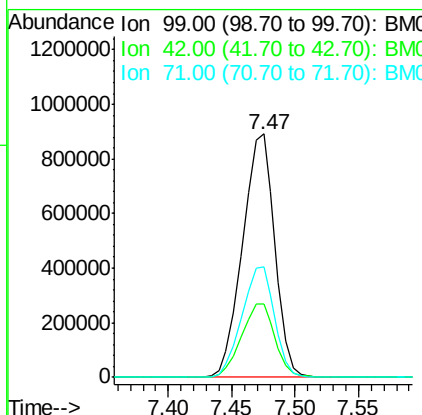
99 100

42 30.3 11.0 16.4#

71 45.5 23.4 35.2#

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM



#8

2-Chlorophenol

Concen: 50.228 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

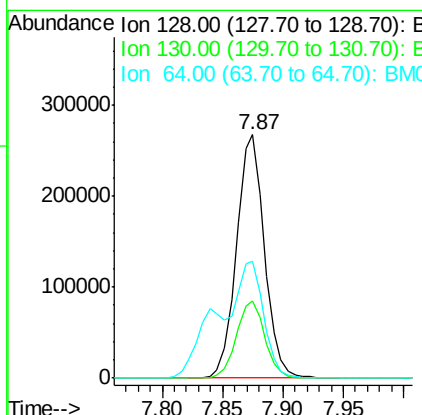
Tgt Ion: 128 Resp: 430382

Ion Ratio Lower Upper

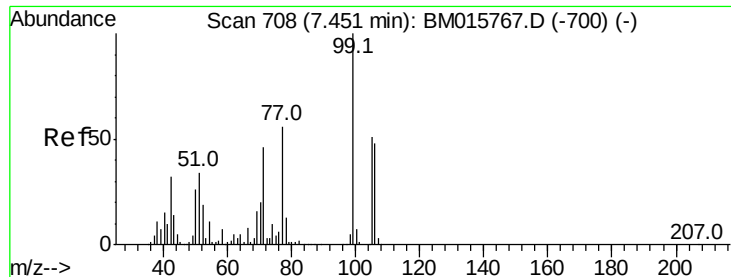
128 100

130 31.7 12.0 52.0

64 47.8 24.9 64.9







#9

Benzaldehyde

Concen: 30.743 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

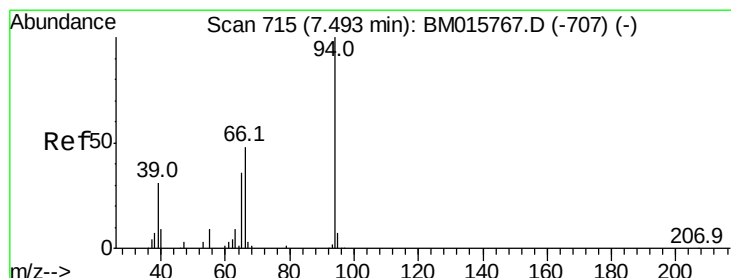
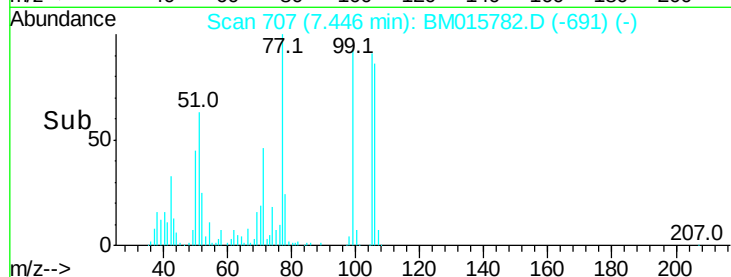
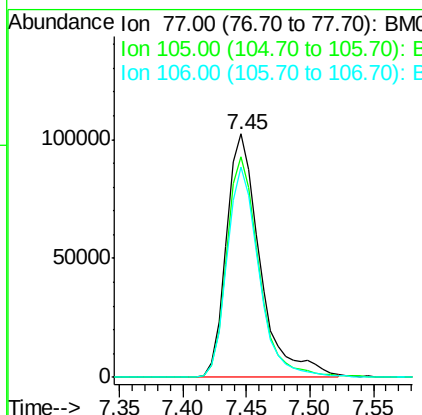
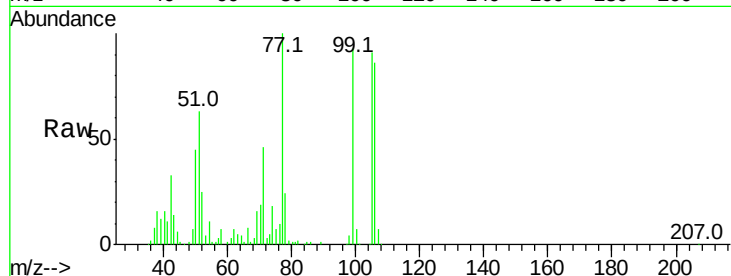
ClientSampled :

PB110812BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 189390 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 90.7  | 78.8  | 118.8  |
| 106      | 86.3  | 73.7  | 113.7  |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM



#10

Phenol

Concen: 51.177 ng

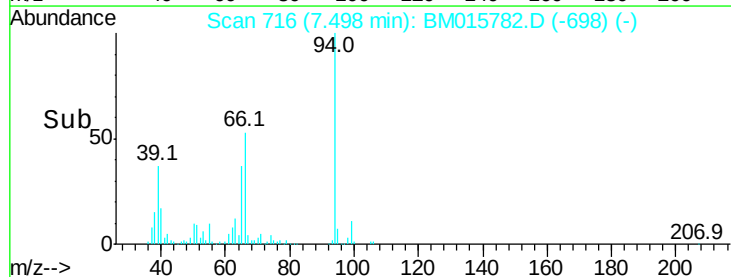
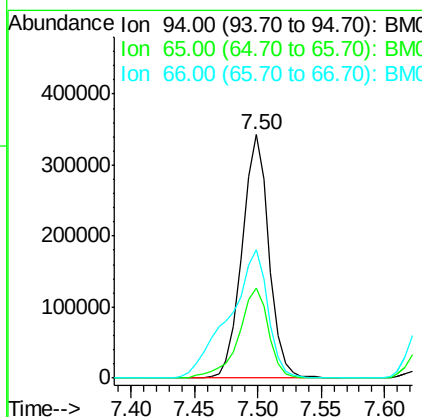
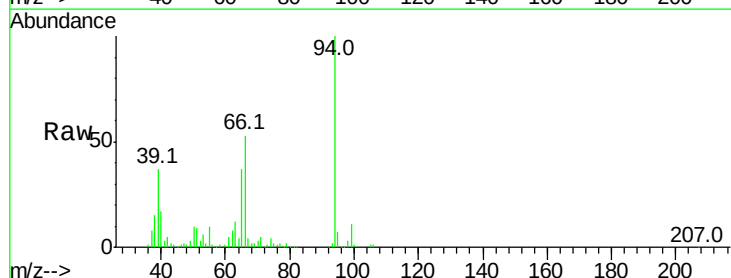
RT: 7.50 min Scan# 716

Delta R.T. 0.01 min

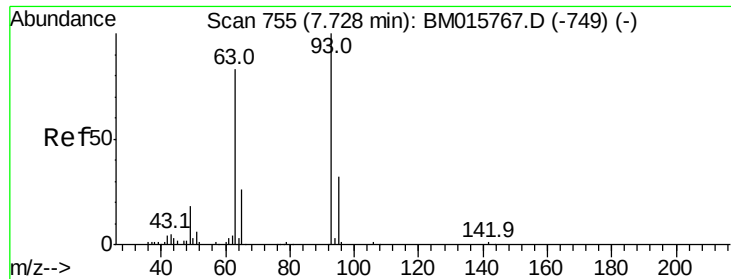
Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 502609 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 37.2  | 18.8  | 58.8   |
| 66       | 52.7  | 39.9  | 79.9   |







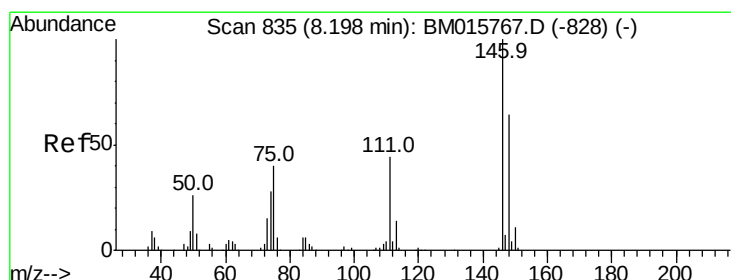
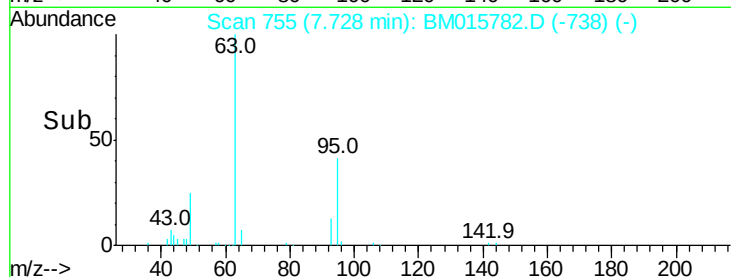
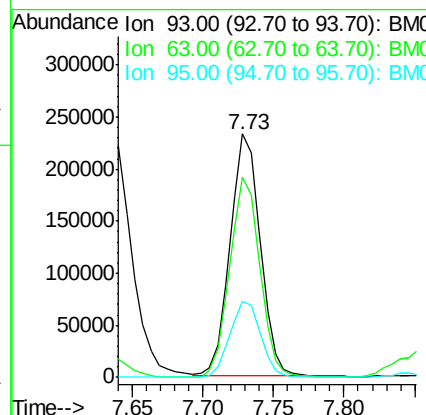
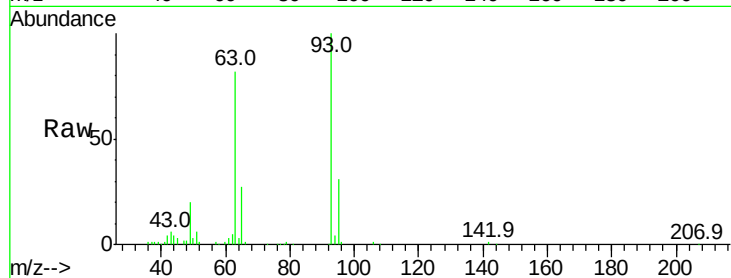
#11  
bis(2-Chloroethyl)ether  
Concen: 43.309 ng  
RT: 7.73 min Scan# 755  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 346002 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 82.1  | 49.5  | 89.5   |
| 95       | 31.3  | 13.5  | 53.5   |

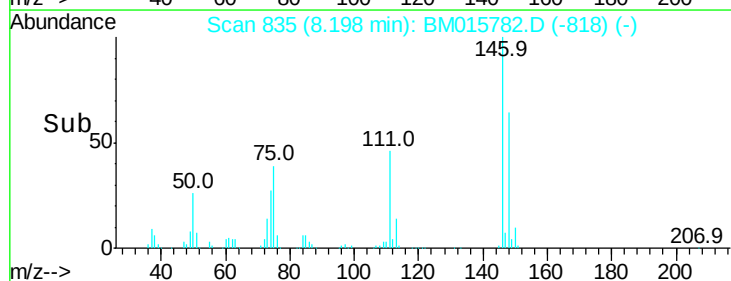
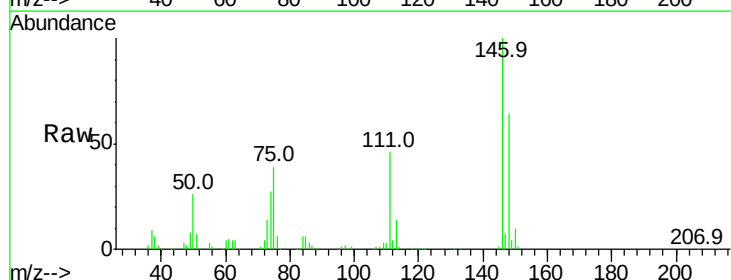
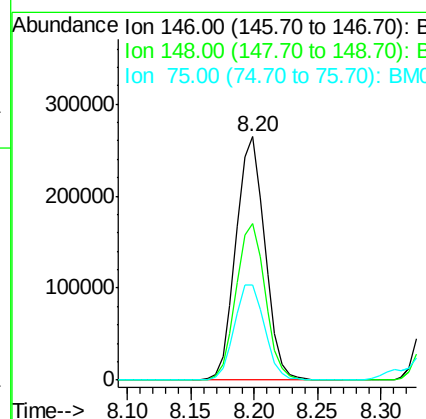
Manual Integrations  
APPROVED

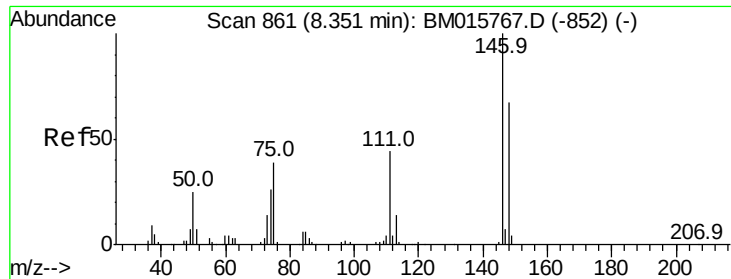
Sohil  
7/6/2018 5:21:49 PM



#12  
1,3-Dichlorobenzene  
Concen: 44.005 ng  
RT: 8.20 min Scan# 835  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 418057 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.2  | 50.9  | 76.3   |
| 75       | 38.8  | 21.4  | 32.2#  |





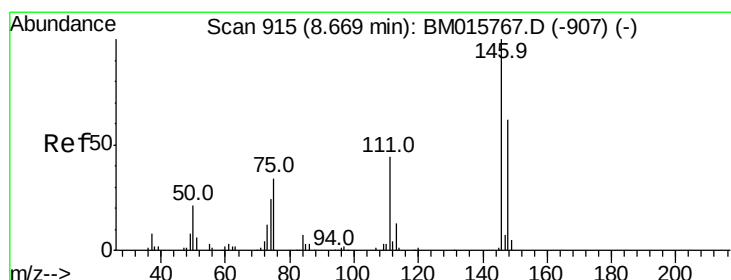
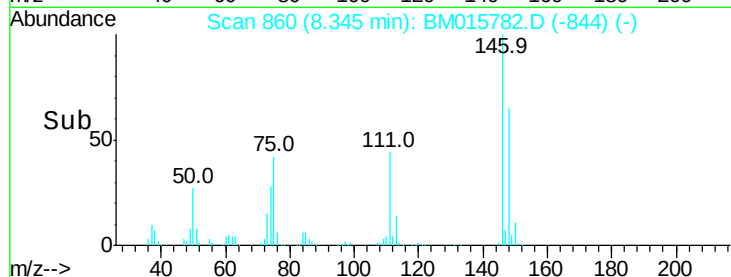
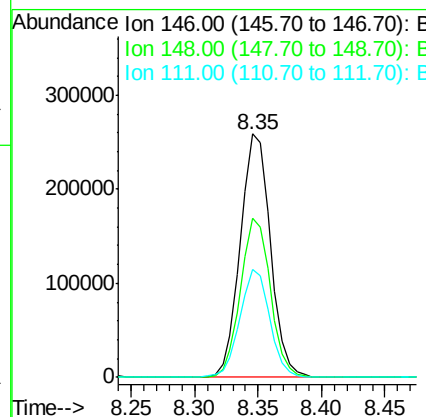
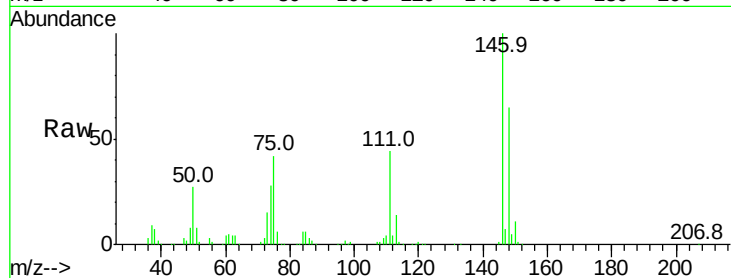
#13  
 1,4-Dichlorobenzene  
 Concen: 43.432 ng  
 RT: 8.35 min Scan# 860  
 Delta R.T. -0.01 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 51.9  | 77.9  |
| 111     | 44.4  | 29.2  | 43.8  |

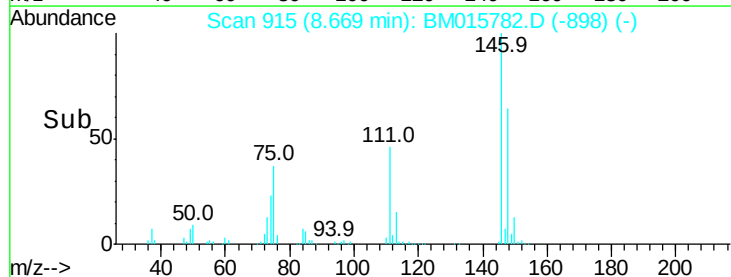
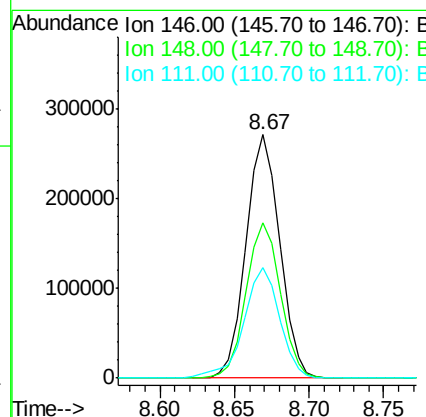
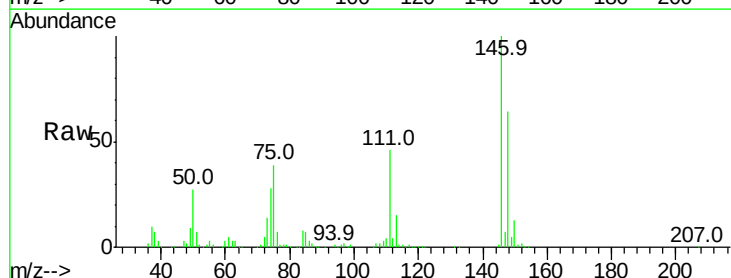
Manual Integrations  
 APPROVED

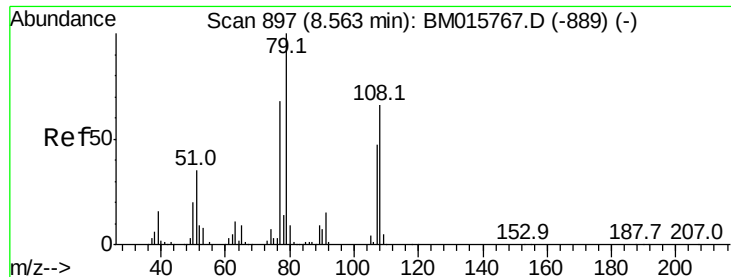
Sohil  
 7/6/2018 5:21:49 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 44.790 ng  
 RT: 8.67 min Scan# 915  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 52.3  | 78.5  |
| 111     | 45.6  | 30.6  | 45.8  |





#15

Benzyl Alcohol

Concen: 46.776 ng

RT: 8.56 min Scan# 897

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

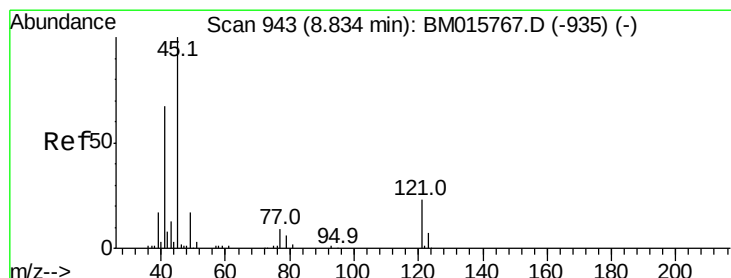
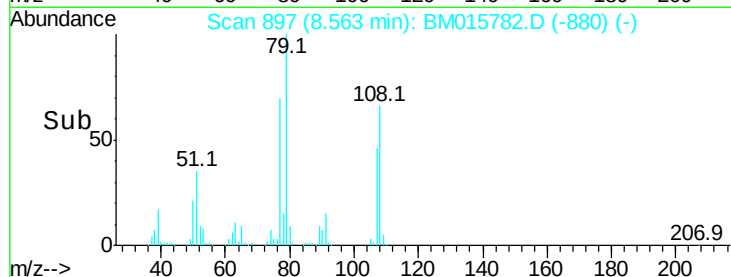
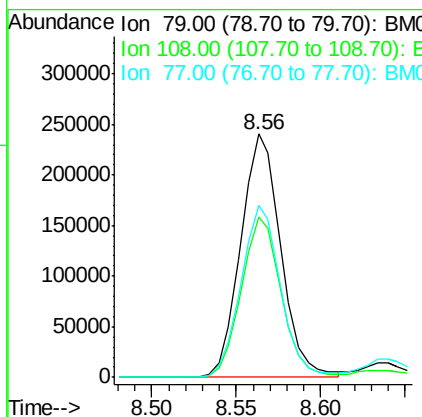
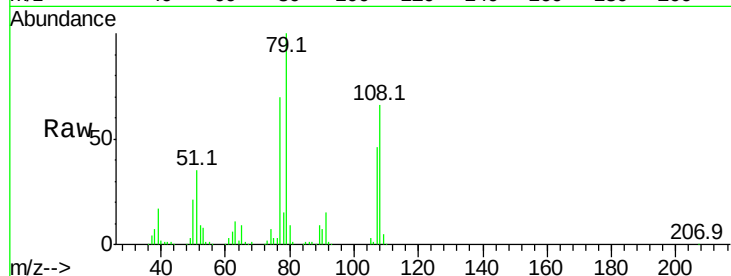
ClientSampleId :

PB110812BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 396919 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 65.9  | 65.0  | 97.4   |
| 77        | 70.5  | 53.0  | 79.6   |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.339 ng

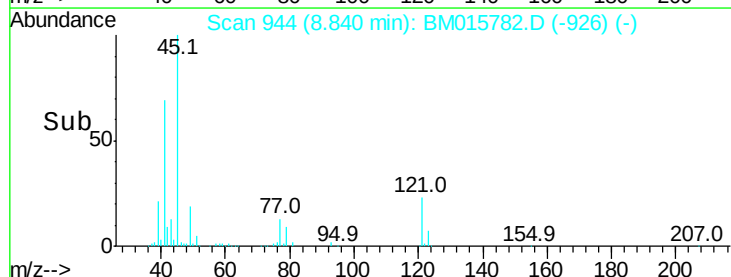
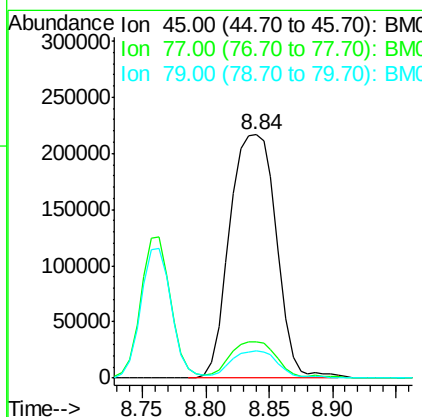
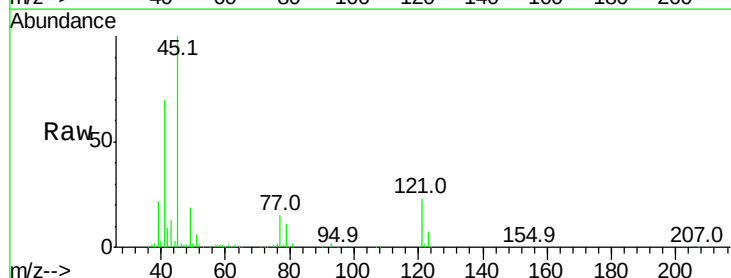
RT: 8.84 min Scan# 944

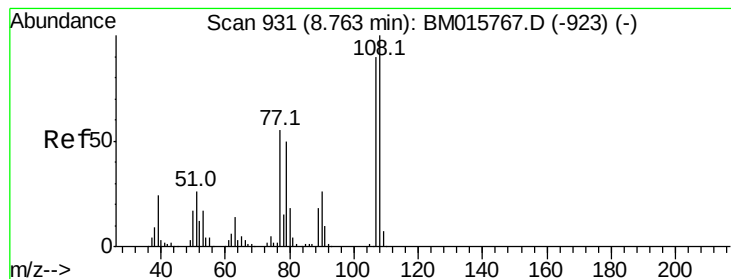
Delta R.T. 0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 552644 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.1  | 0.0   | 35.2   |
| 79        | 11.0  | 0.0   | 32.0   |





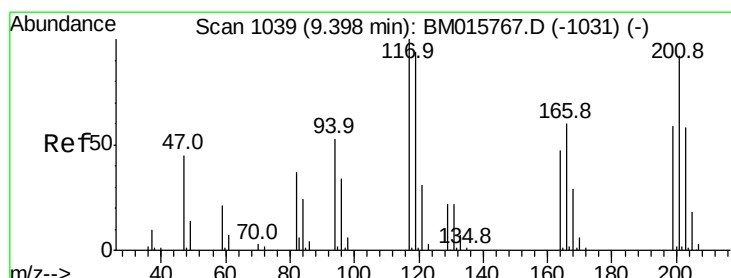
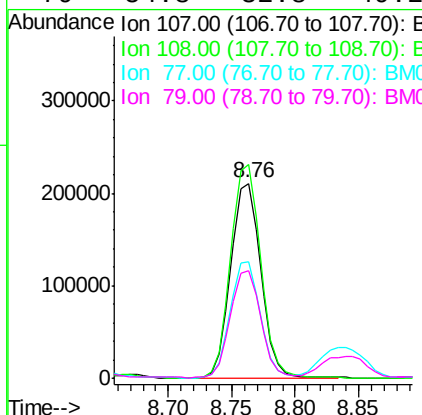
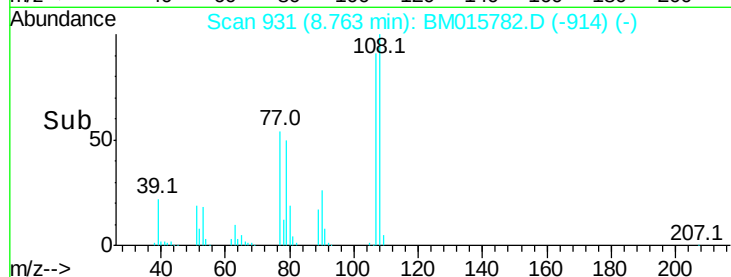
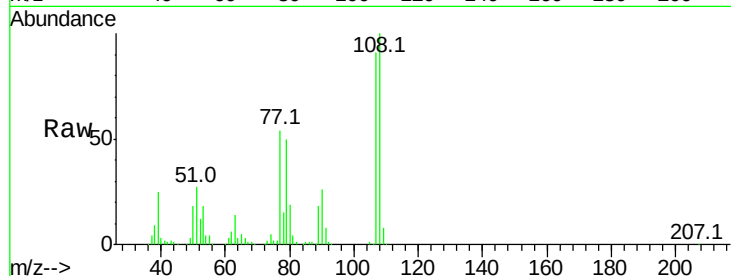
#17  
2-Methylphenol  
Concen: 51.120 ng  
RT: 8.76 min Scan# 931  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 108     | 109.5 | 89.8       | 134.8      |
| 77      | 59.6  | 32.6       | 48.8#      |
| 79      | 54.8  | 32.8       | 49.2#      |

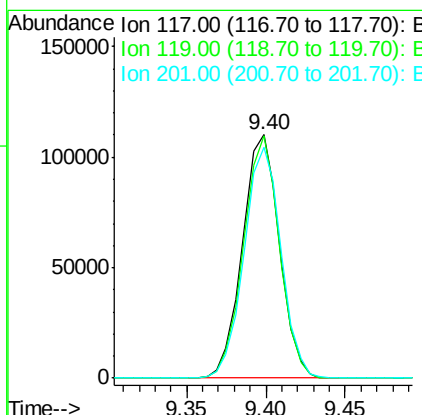
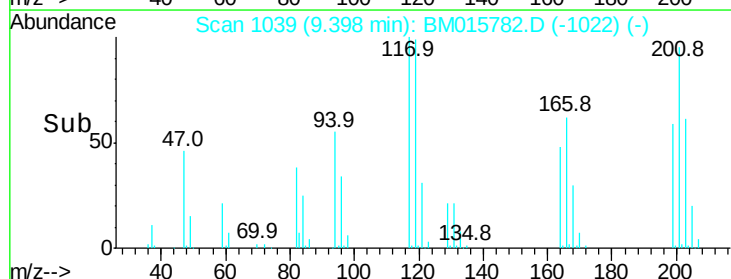
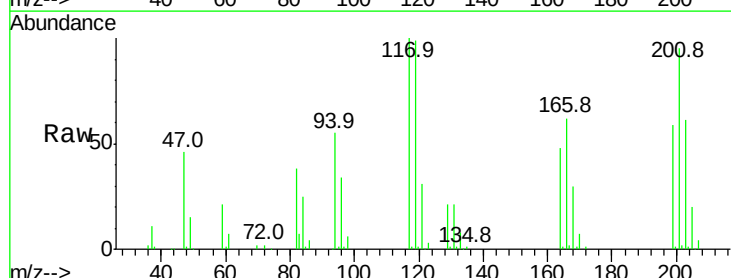
Manual Integrations  
APPROVED

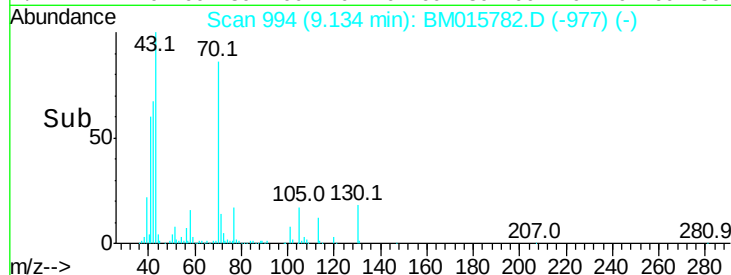
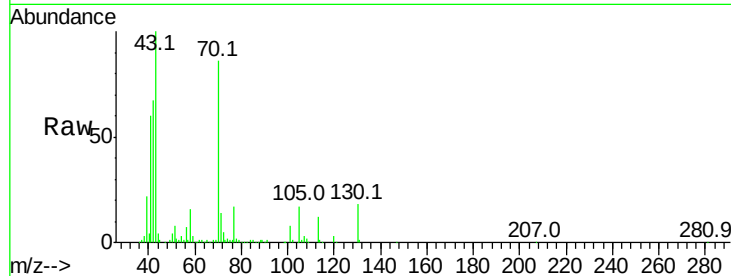
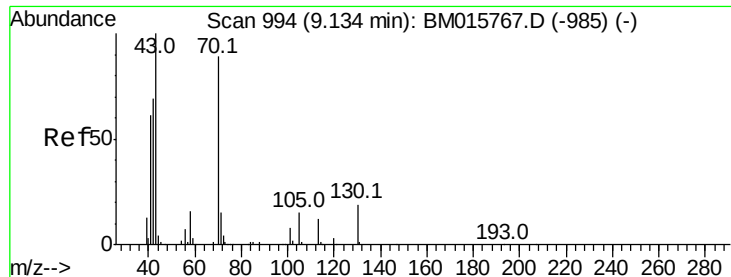
Sohil  
7/6/2018 5:21:49 PM



#18  
Hexachloroethane  
Concen: 46.031 ng  
RT: 9.40 min Scan# 1039  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 119     | 99.4  | 79.2       | 118.8      |
| 201     | 95.0  | 69.8       | 104.6      |





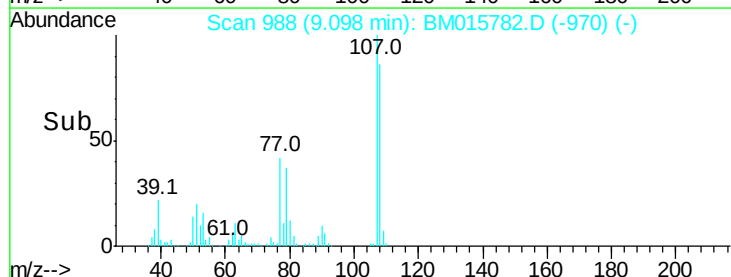
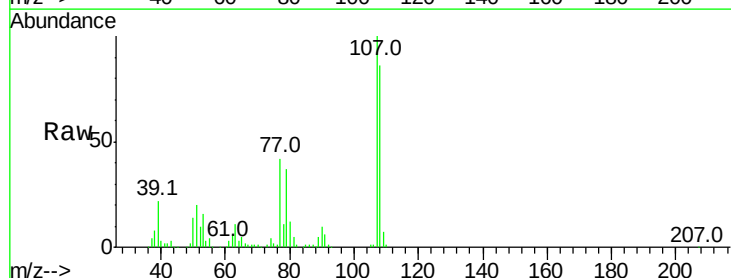
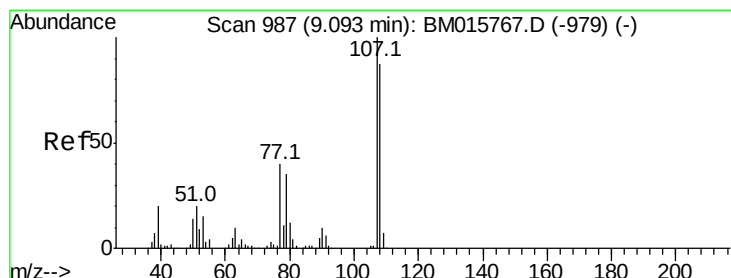
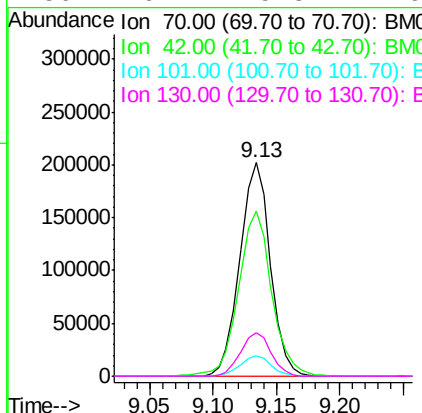
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.781 ng  
RT: 9.13 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 77.6 | 44.5  | 66.7# |       |
| 101     | 9.6  | 7.4   | 11.2  |       |
| 130     | 20.7 | 15.3  | 22.9  |       |

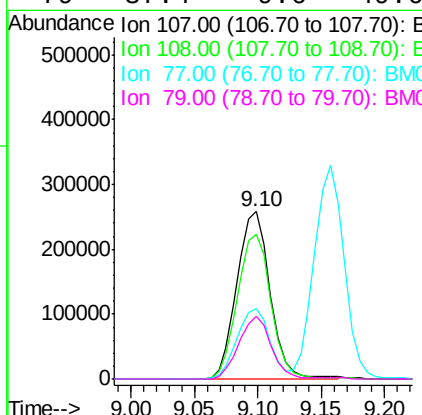
Manual Integrations  
APPROVED

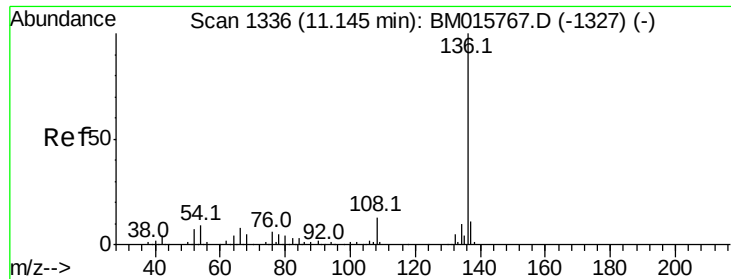
Sohil  
7/6/2018 5:21:49 PM



#20  
3+4-Methylphenols  
Concen: 49.850 ng  
RT: 9.10 min Scan# 988  
Delta R.T. 0.01 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 86.1 | 73.2  | 113.2 |       |
| 77      | 42.3 | 10.7  | 50.7  |       |
| 79      | 37.4 | 9.6   | 49.6  |       |





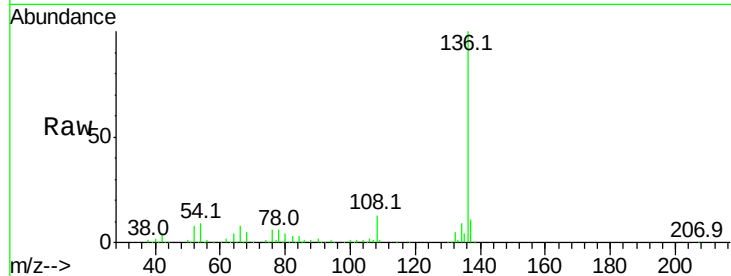
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.14 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

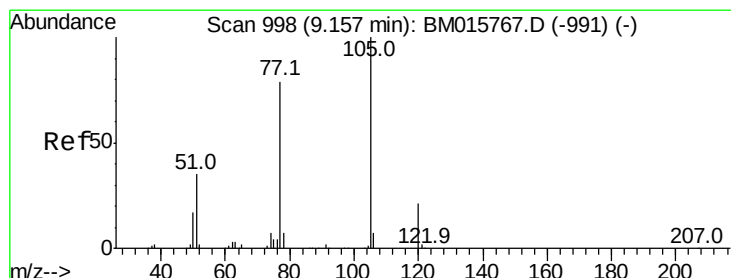
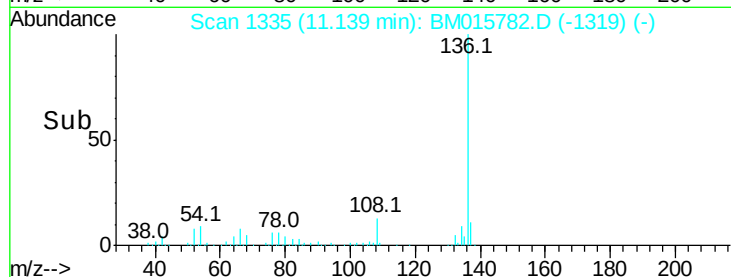
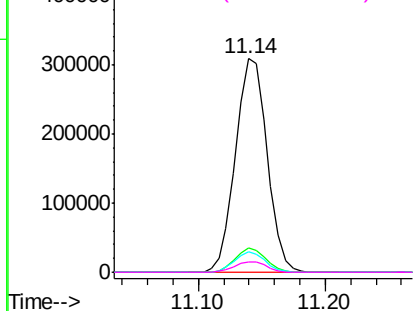
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.3  | 8.7  | 13.1  |       |
| 54      | 9.4   | 4.6  | 6.8#  |       |
| 68      | 4.9   | 3.7  | 5.5   |       |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM



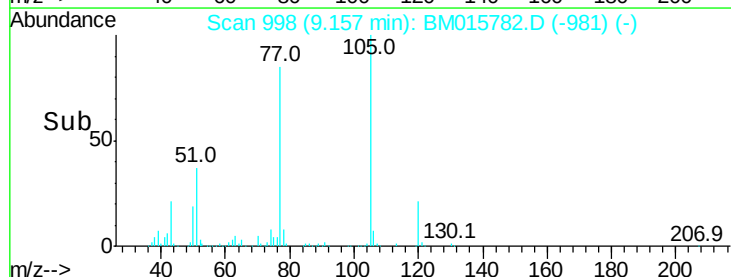
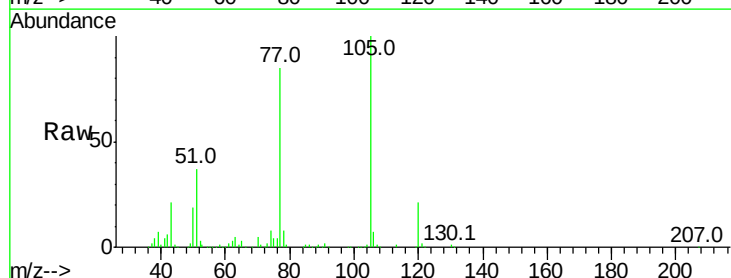
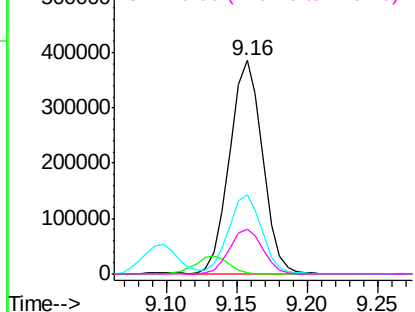
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

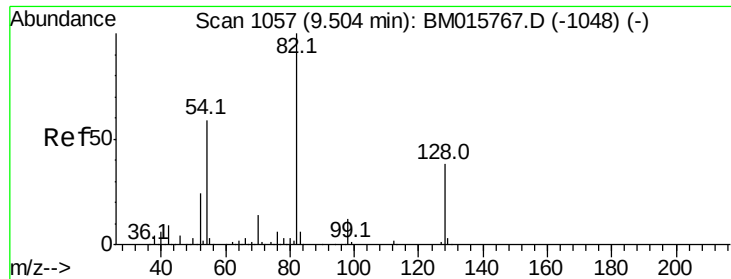


#22  
Acetophenone  
Concen: 44.996 ng  
RT: 9.16 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.6   | 0.6  | 1.0#  |       |
| 51      | 37.3  | 21.6 | 32.4# |       |
| 120     | 21.2  | 16.1 | 24.1  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM  
Ion 51.00 (50.70 to 51.70): BM  
Ion 120.00 (119.70 to 120.70): E





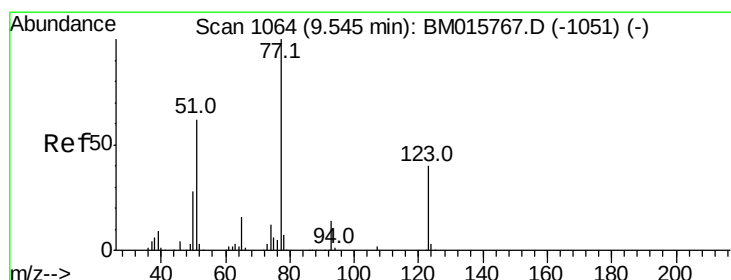
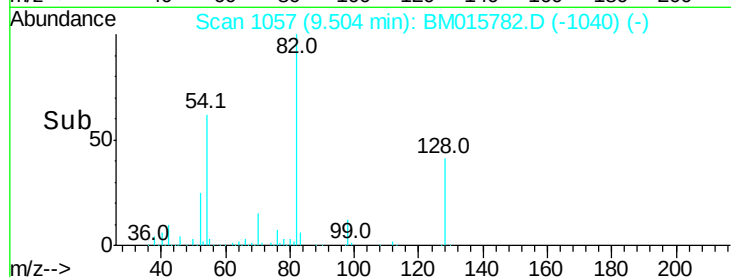
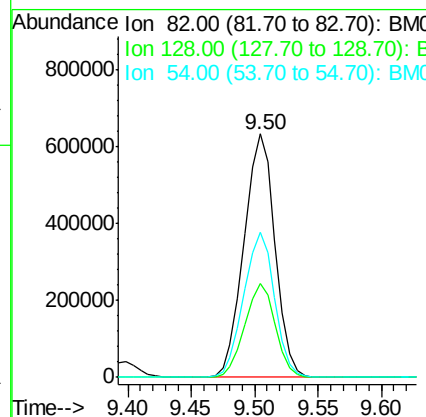
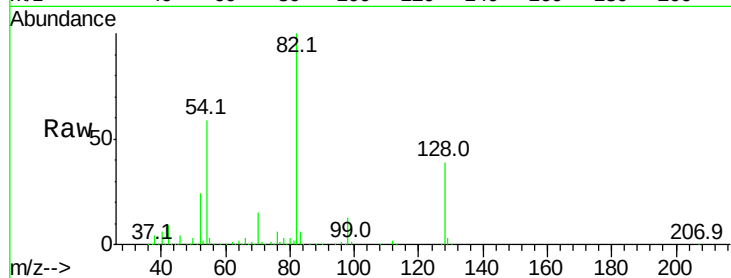
#23  
 Nitrobenzene-d5  
 Concen: 44.996 ng  
 RT: 9.50 min Scan# 1057  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

Tot Ion: 82 Resp: 1071176  
 Ion Ratio Lower Upper  
 82 100  
 128 38.6 32.8 49.2  
 54 59.4 40.6 60.8

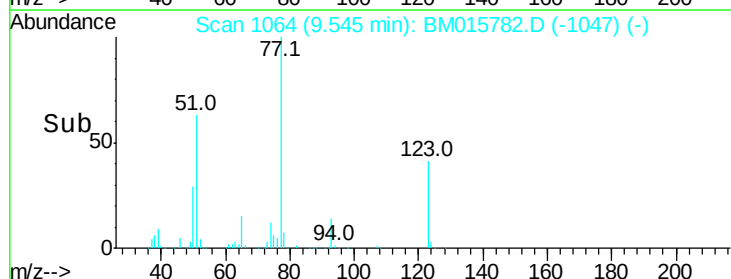
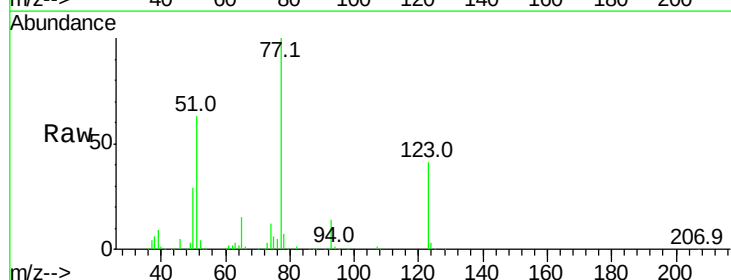
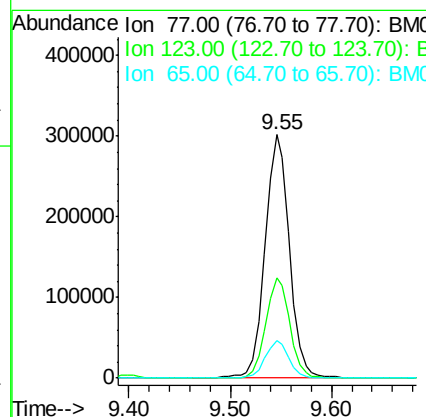
Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:21:49 PM

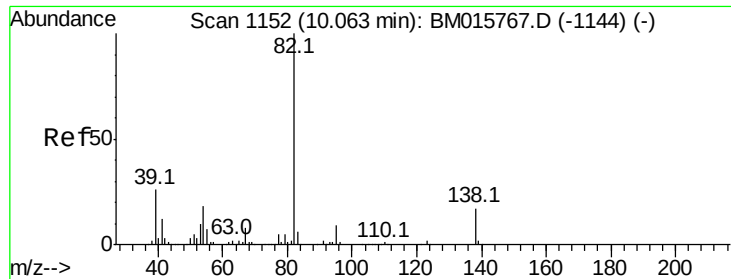


#24  
 Nitrobenzene  
 Concen: 47.372 ng  
 RT: 9.55 min Scan# 1064  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Tgt Ion: 77 Resp: 505289  
 Ion Ratio Lower Upper  
 77 100  
 123 41.0 32.6 49.0  
 65 15.3 10.9 16.3







#25

Isophorone

Concen: 52.292 ng

RT: 10.07 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

ClientSampleId :

PB110812BS

Tot Ion: 82 Resp: 874580

Ion Ratio Lower Upper

82 100

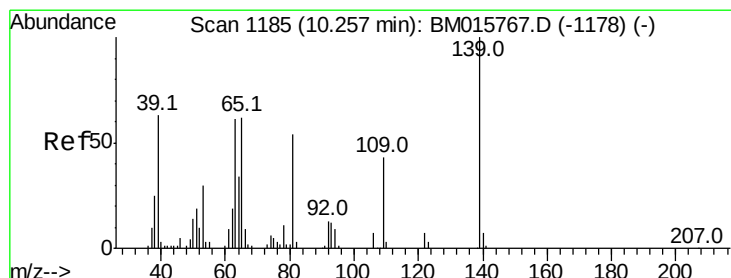
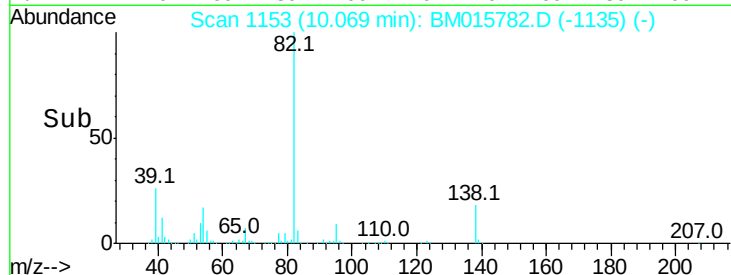
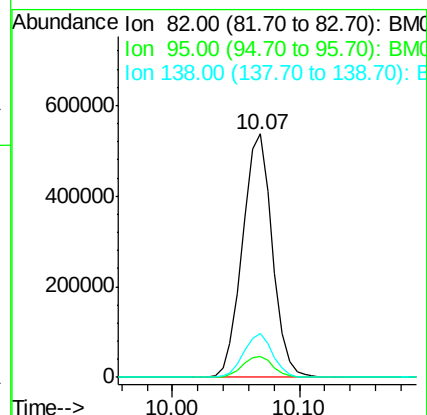
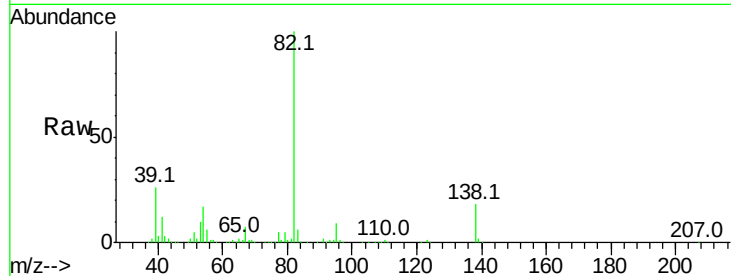
95 8.6 5.8 8.6

138 18.0 16.3 24.5

Manual Integrations  
APPROVED

Sohil

7/6/2018 5:21:49 PM



#26

2-Nitrophenol

Concen: 49.246 ng

RT: 10.26 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

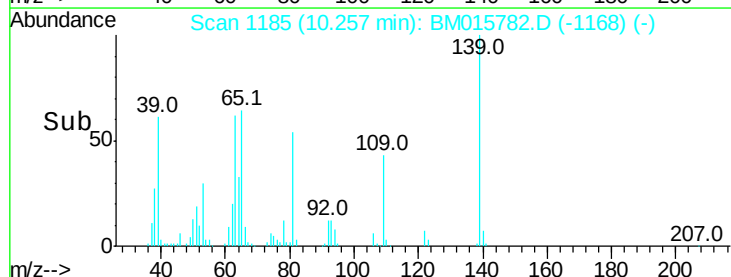
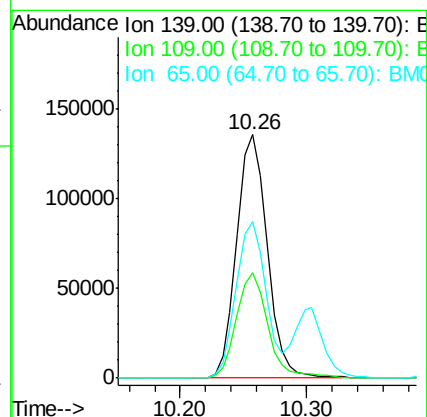
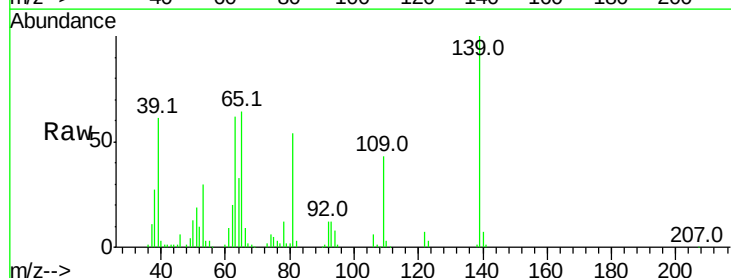
Tgt Ion: 139 Resp: 226190

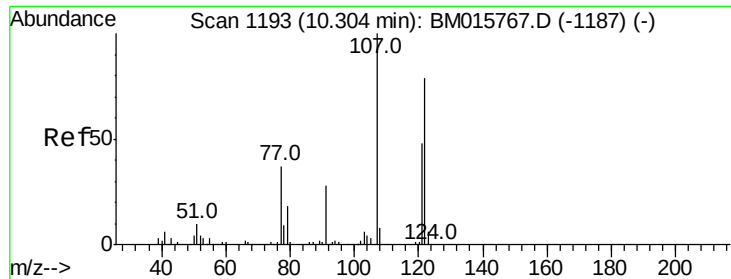
Ion Ratio Lower Upper

139 100

109 43.5 20.1 30.1#

65 64.4 31.5 47.3#





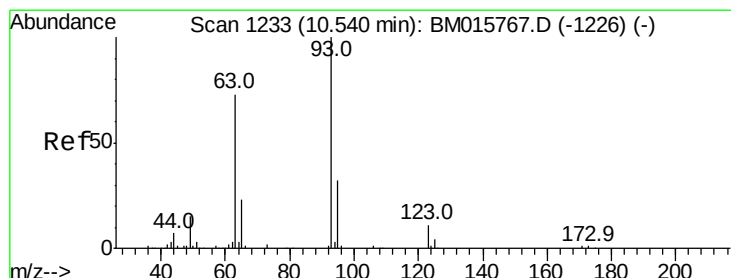
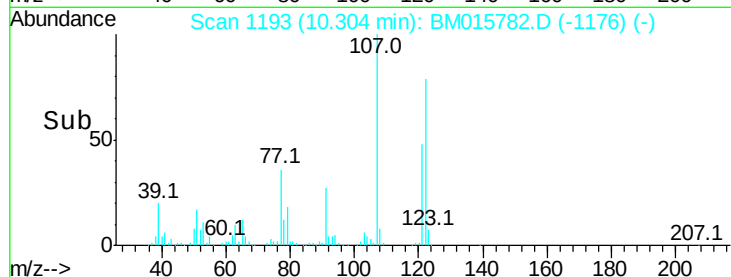
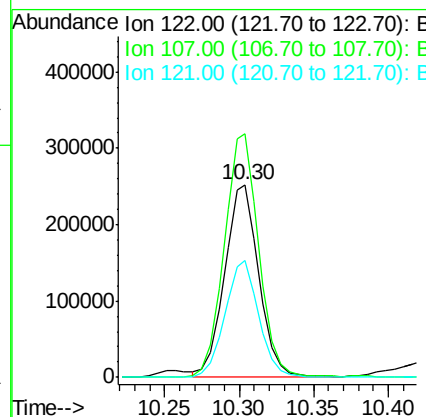
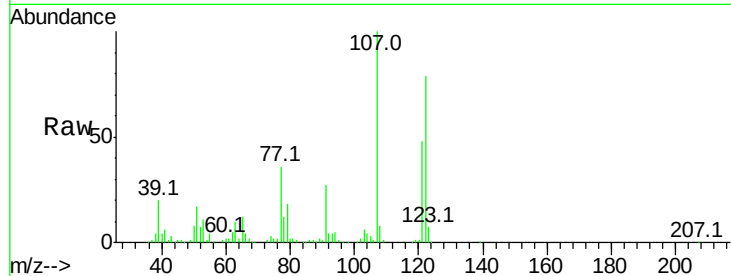
#27  
2,4-Dimethylphenol  
Concen: 57.646 ng  
RT: 10.30 min Scan# 1193  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 126.2 | 84.7  | 127.1 |
| 121     | 60.8  | 46.6  | 69.8  |

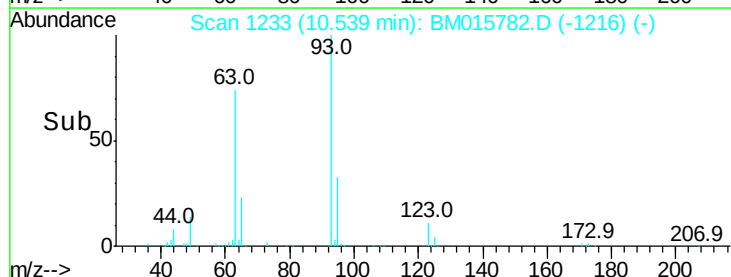
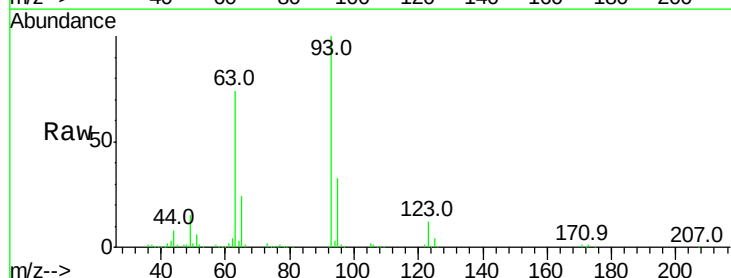
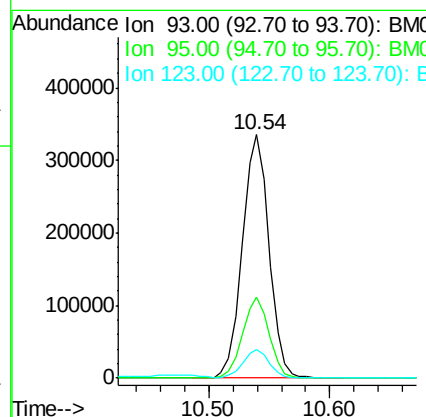
Manual Integrations  
APPROVED

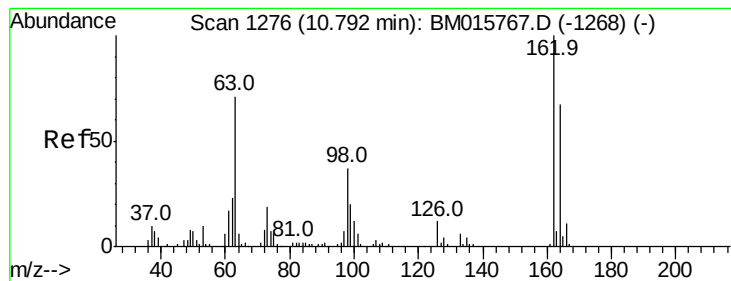
Sohil  
7/6/2018 5:21:49 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.176 ng  
RT: 10.54 min Scan# 1233  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 25.5  | 38.3  |
| 123     | 11.6  | 8.6   | 13.0  |





#29

2,4-Dichlorophenol

Concen: 54.151 ng

RT: 10.79 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

ClientSampleId :

PB110812BS

Tot Ion:162 Resp: 418472

Ion Ratio Lower Upper

162 100

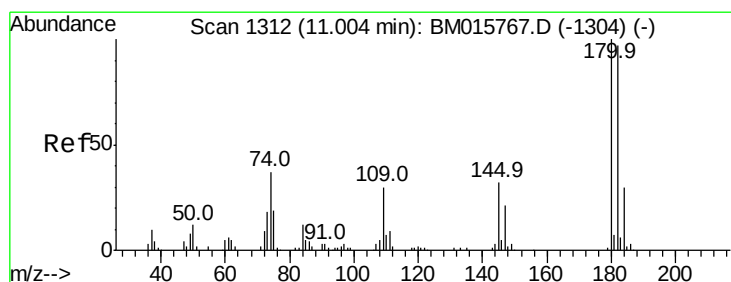
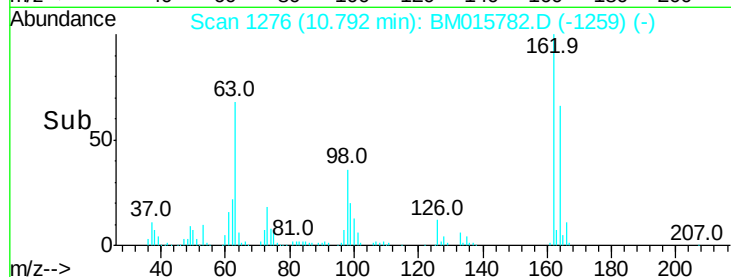
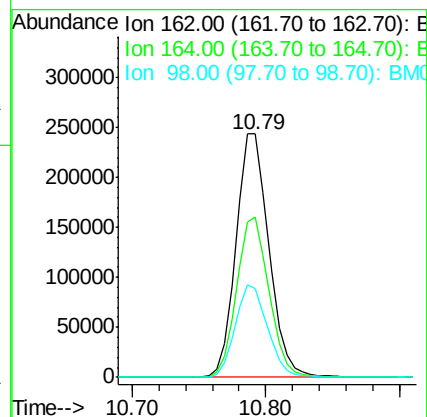
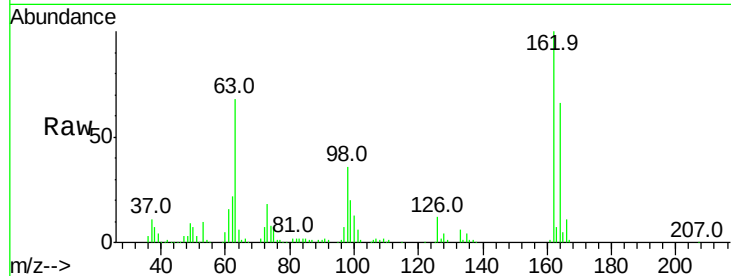
164 65.9 42.8 82.8

98 36.2 14.5 54.5

Manual Integrations  
APPROVED

Sohil

7/6/2018 5:21:49 PM



#30

1,2,4-Trichlorobenzene

Concen: 47.457 ng

RT: 11.00 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

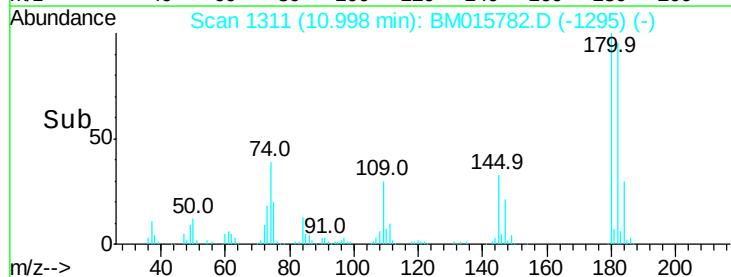
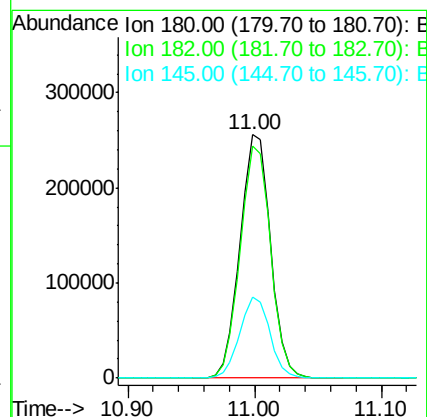
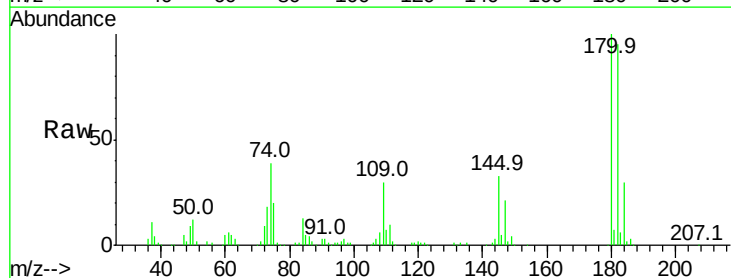
Tgt Ion:180 Resp: 425970

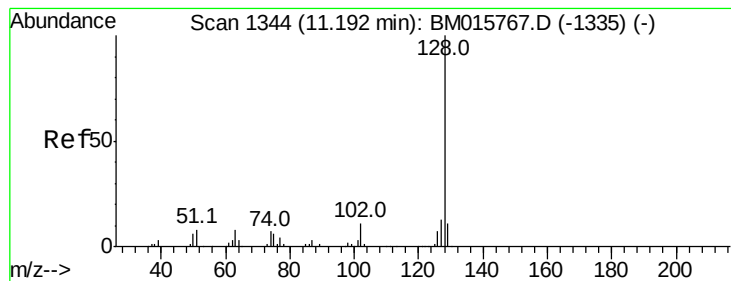
Ion Ratio Lower Upper

180 100

182 95.5 77.6 116.4

145 33.4 23.4 35.2





#31

Naphthalene

Concen: 46.869 ng

RT: 11.19 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

ClientSampleId :

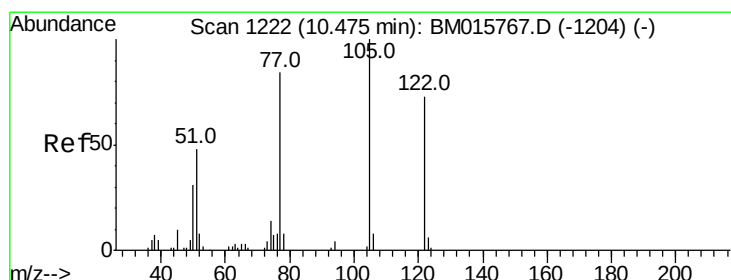
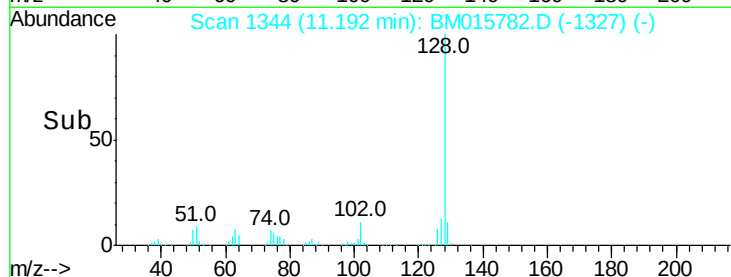
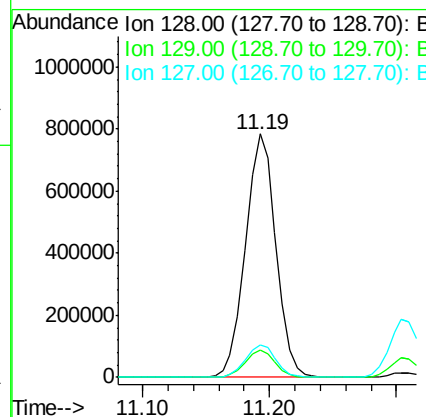
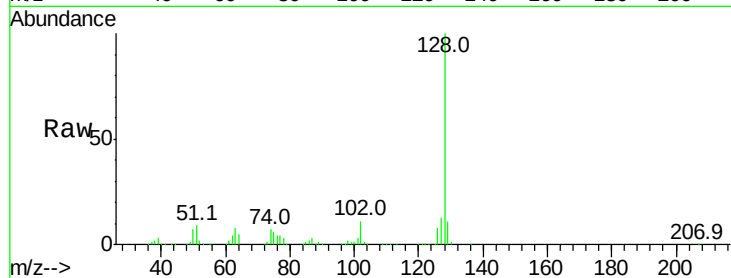
PB110812BS

Tot Ion:128 Resp: 1299164

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.1  | 8.9   | 13.3  |
| 127 | 13.2  | 10.4  | 15.6  |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM



#32

Benzoic acid

Concen: 34.585 ng m

RT: 10.49 min Scan# 1224

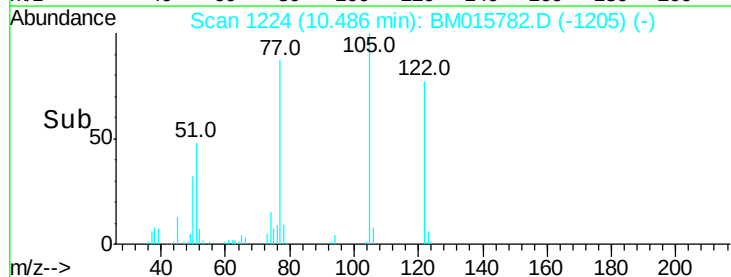
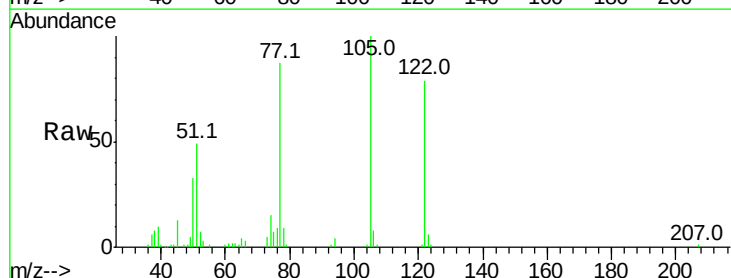
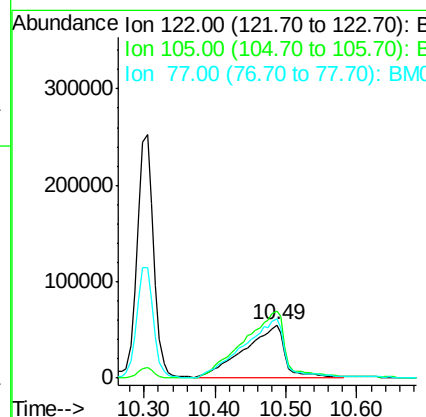
Delta R.T. 0.01 min

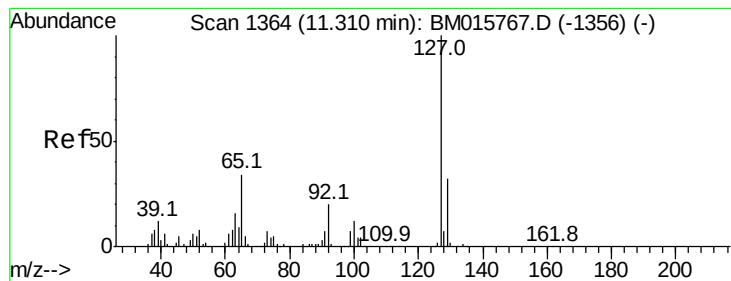
Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Tgt Ion:122 Resp: 213652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 127.4 | 99.9  | 139.9 |
| 77  | 111.3 | 73.7  | 113.7 |





#33

4-Chloroaniline

Concen: 29.010 ng

RT: 11.30 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

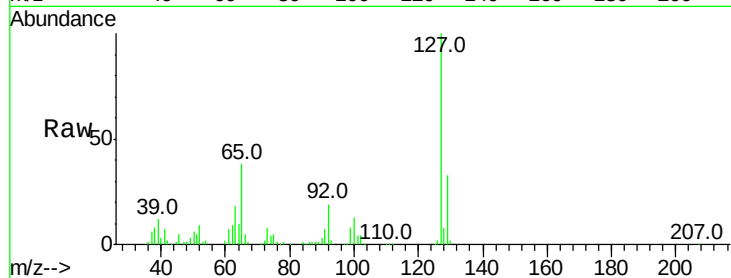
ClientSampleId :

PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.2  | 25.3  | 37.9  |
| 65      | 37.7  | 17.6  | 26.4  |
| 92      | 19.5  | 13.1  | 19.7  |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM

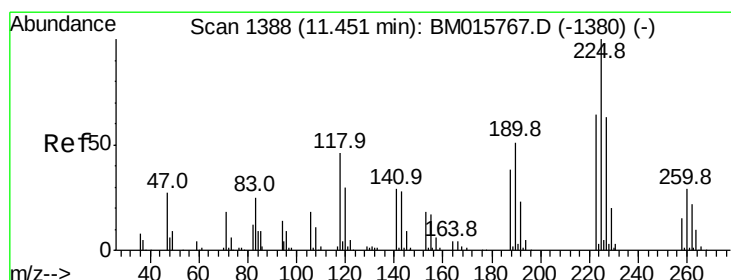
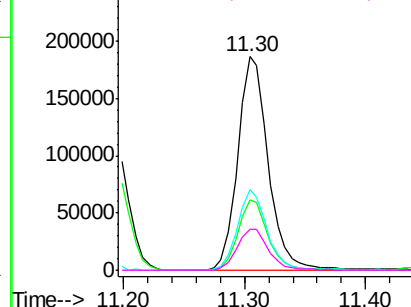
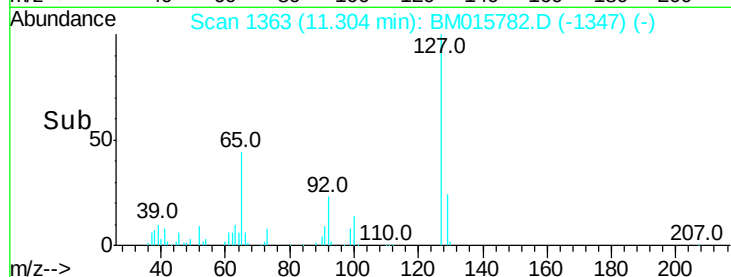


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 45.687 ng

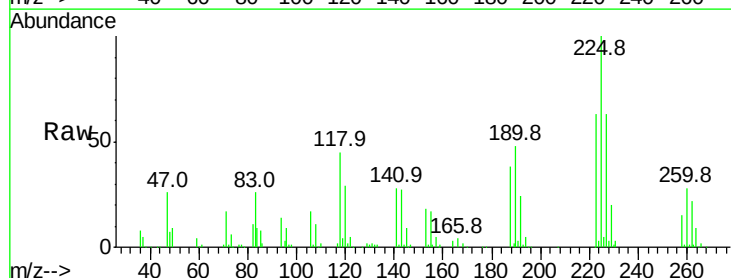
RT: 11.45 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

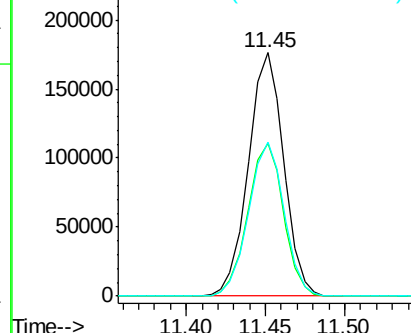
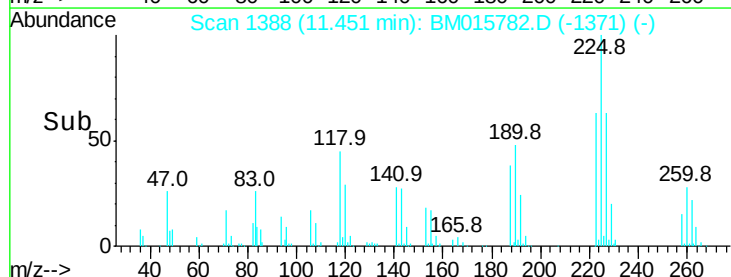
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.8  | 47.9  | 71.9  |
| 227     | 63.5  | 50.1  | 75.1  |

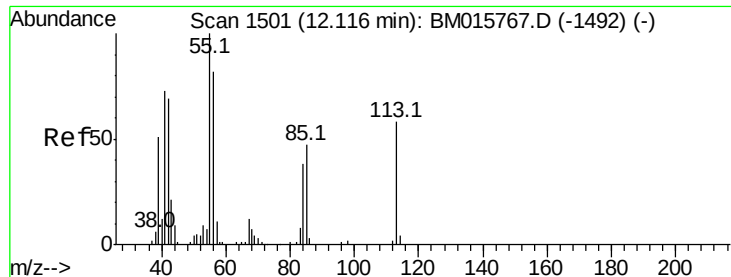


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.530 ng/mL

RT: 12.13 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

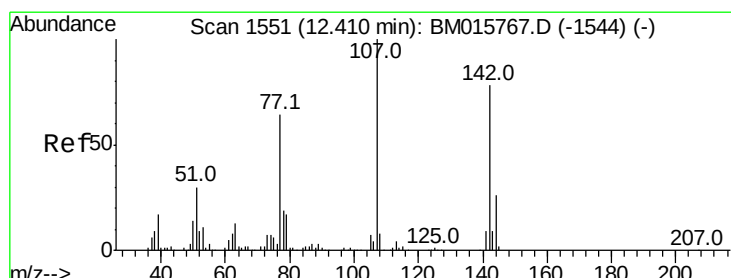
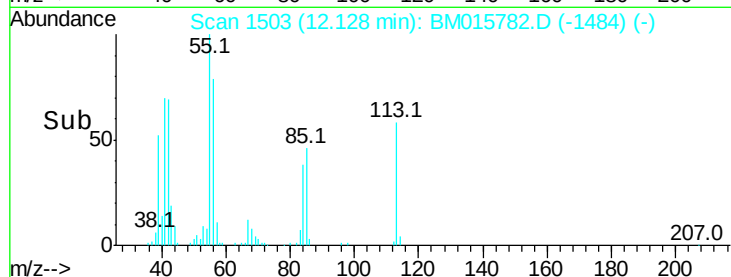
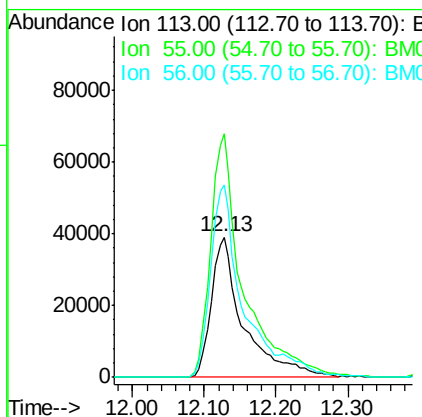
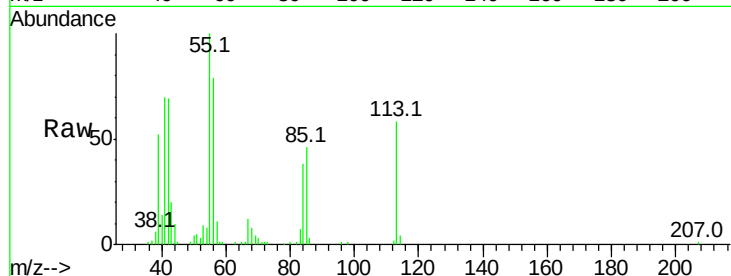
ClientSampleId :

PB110812BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 121813 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 173.2 | 145.9 | 185.9  |
| 56        | 136.9 | 101.0 | 141.0  |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM



#36

4-Chloro-3-methylphenol

Concen: 52.345 ng/mL

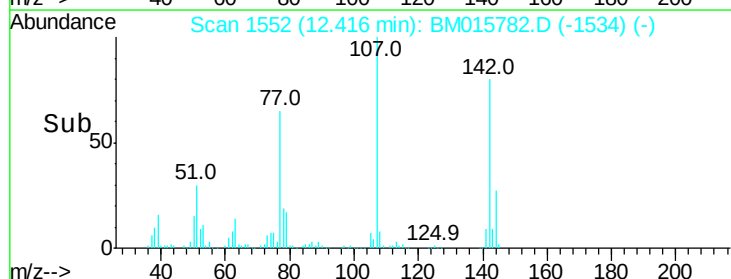
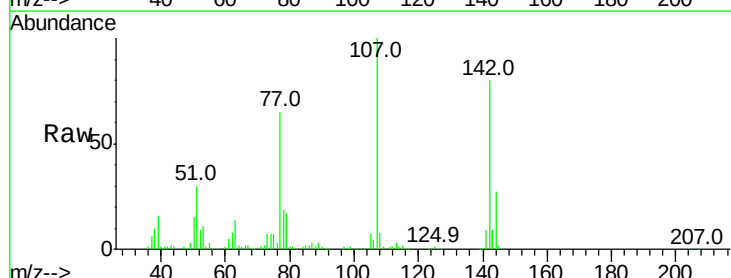
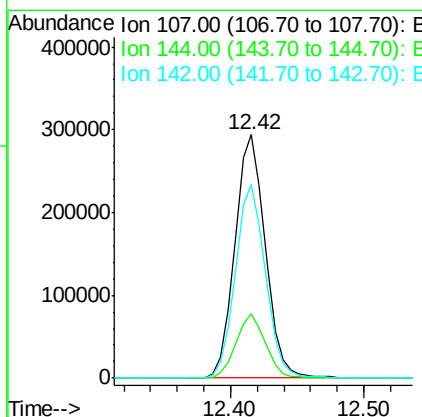
RT: 12.42 min Scan# 1552

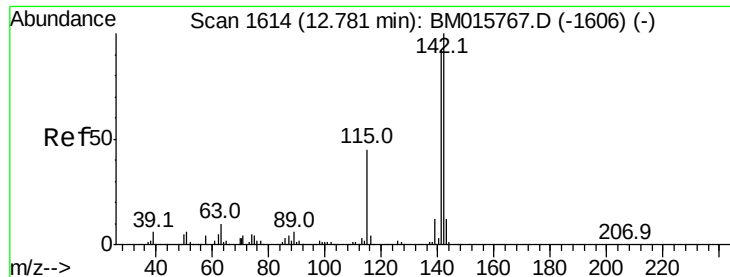
Delta R.T. 0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 464148 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 26.7  | 23.3  | 34.9   |
| 142       | 79.6  | 72.6  | 109.0  |





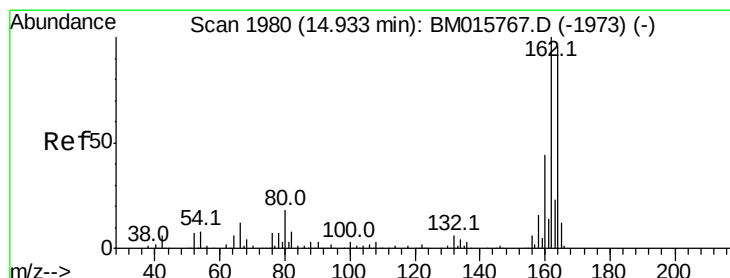
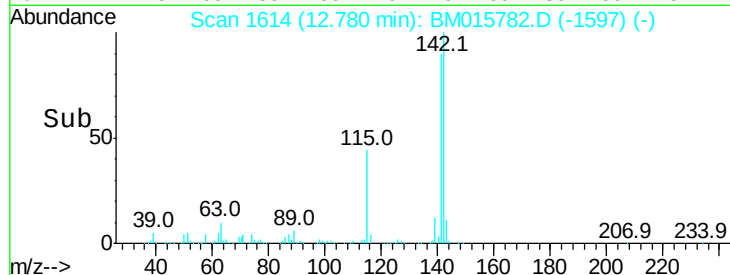
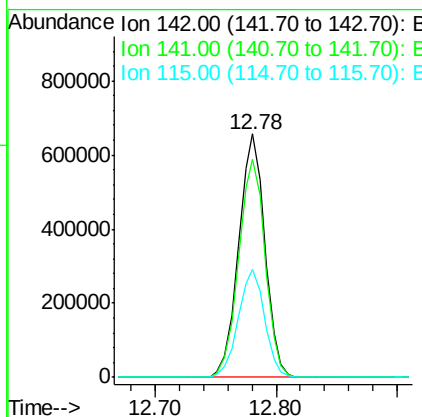
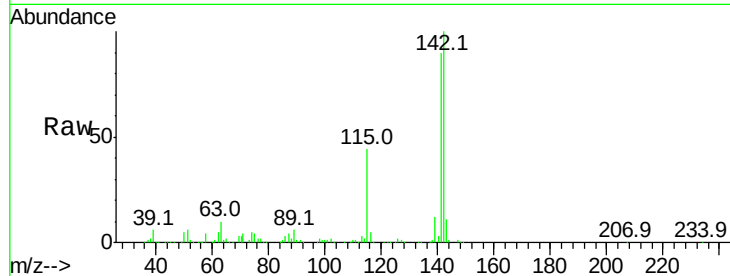
#37  
2-Methylnaphthalene  
Concen: 50.457 ng  
RT: 12.78 min Scan# 1614  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleID :  
PB110812BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 994923 |       |       |
| 141     | 89.6  | 71.9   | 107.9 |       |
| 115     | 44.5  | 25.4   | 38.0# |       |

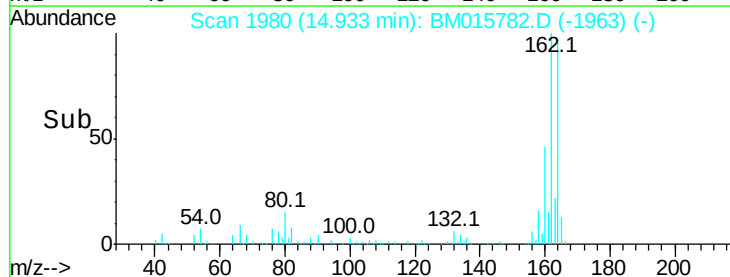
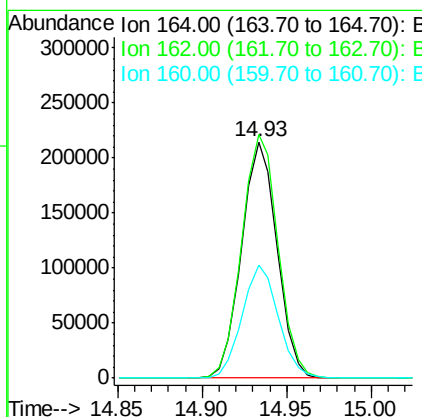
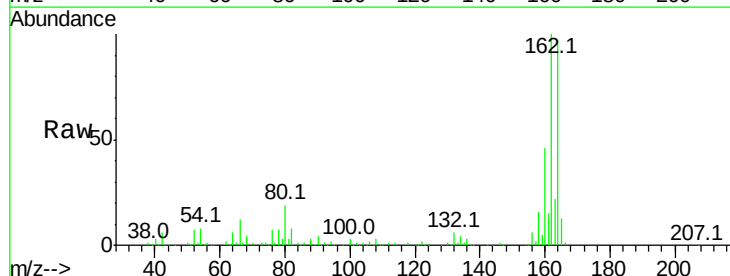
Manual Integrations  
APPROVED

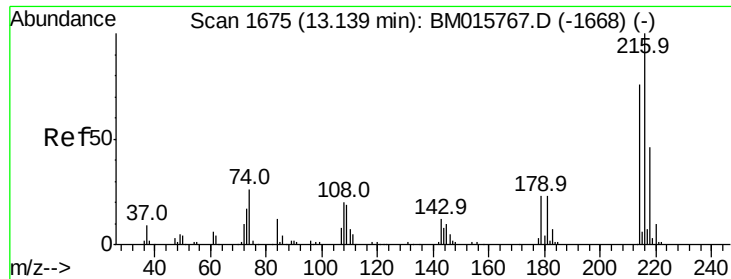
Sohil  
7/6/2018 5:21:49 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.93 min Scan# 1980  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 313077 |       |       |
| 162     | 103.2 | 82.4   | 123.6 |       |
| 160     | 47.9  | 35.8   | 53.6  |       |





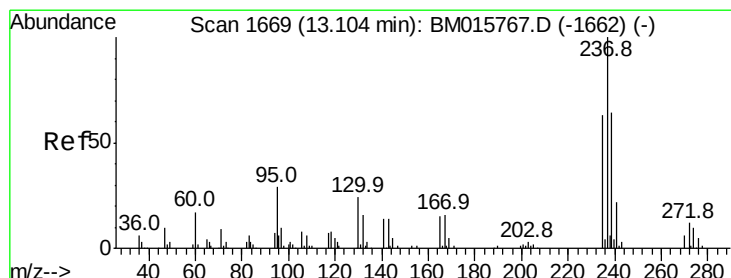
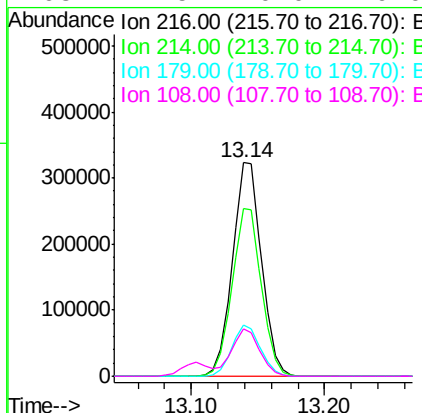
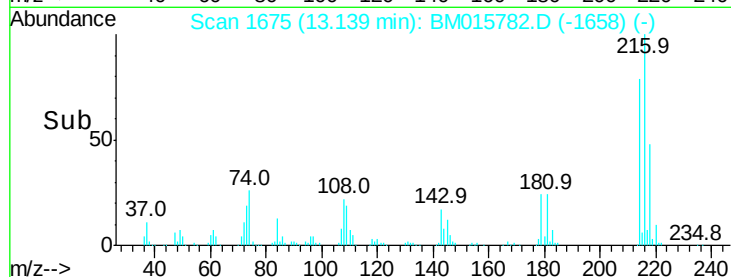
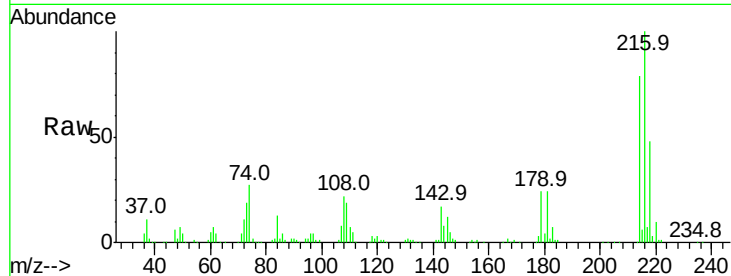
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 48.688 ng  
 RT: 13.14 min Scan# 1675  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 79.0  | 0.0        | 0.0#  |
| 179     | 23.9  | 0.0        | 0.0#  |
| 108     | 21.5  | 0.0        | 0.0#  |

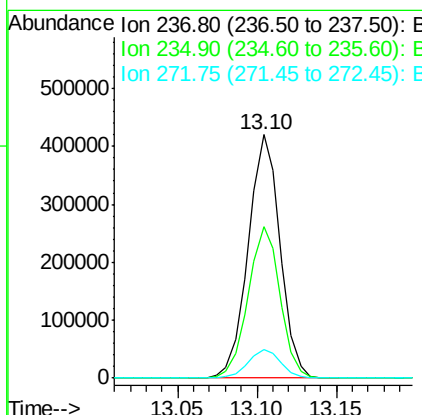
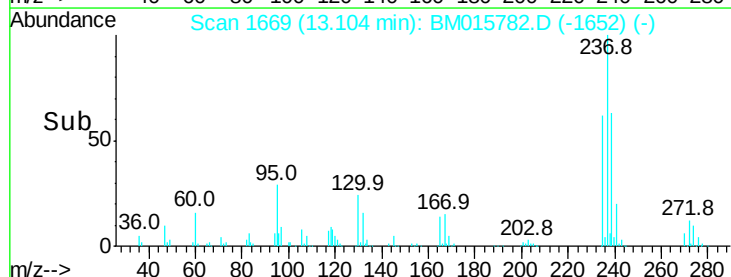
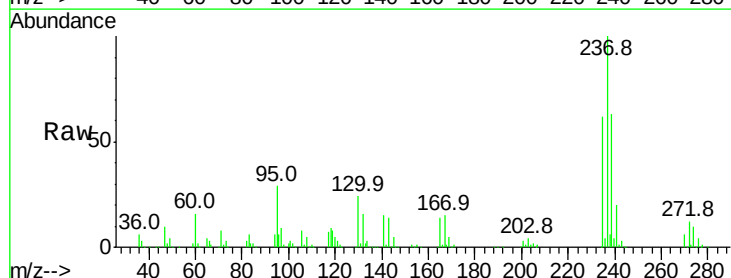
Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:21:49 PM

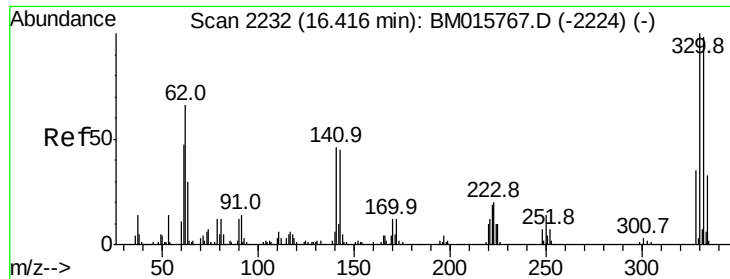


#40  
 Hexachlorocyclopentadiene  
 Concen: 119.472 ng  
 RT: 13.10 min Scan# 1669  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 62.1  | 42.0       | 82.0  |
| 272     | 11.7  | 0.0        | 33.4  |







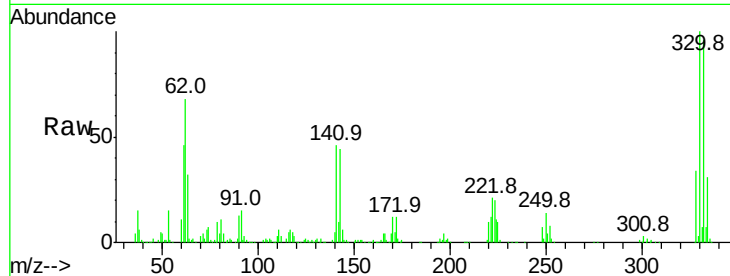
#41  
 2,4,6-Tribromophenol  
 Concen: 119.472 ng  
 RT: 16.42 min Scan# 2232  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

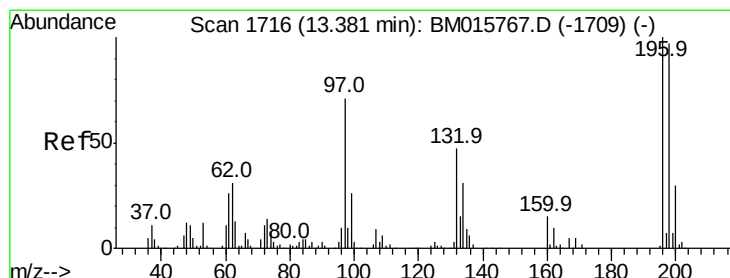
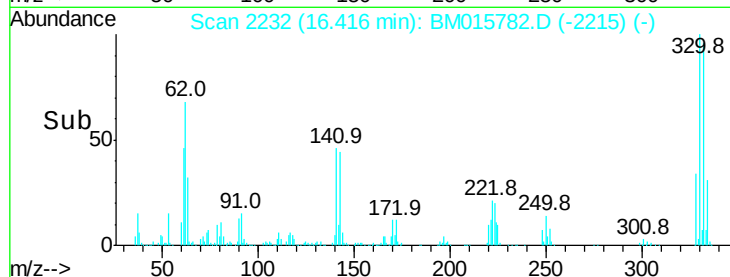
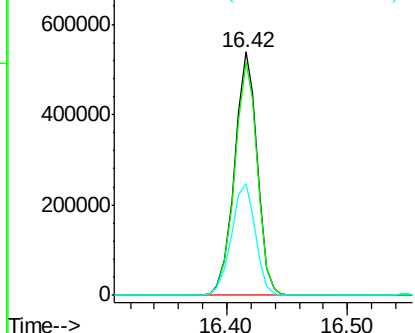
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 96.3  | 0.0        | 0.0#  |
| 141     | 48.4  | 0.0        | 0.0#  |

Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:21:49 PM



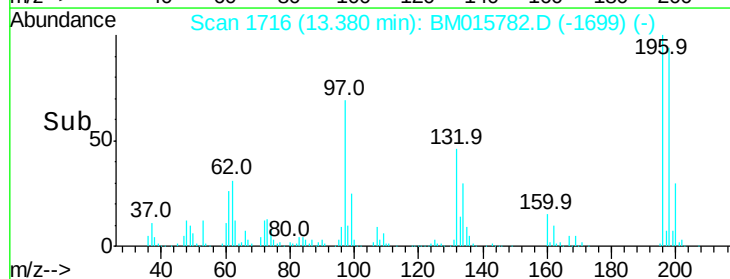
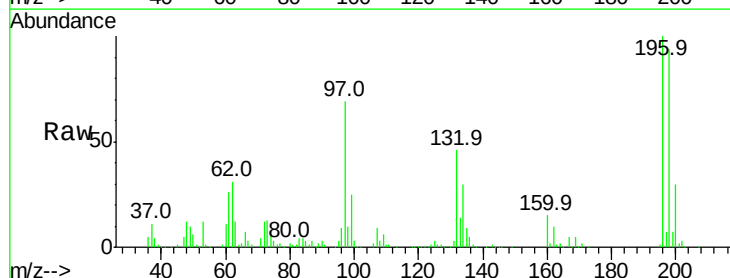
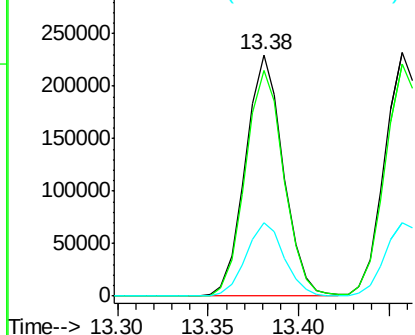
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

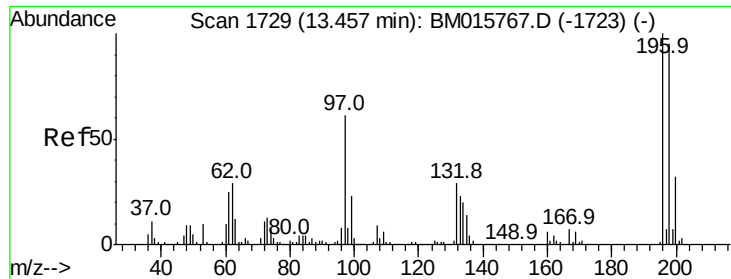


#42  
 2,4,6-Trichlorophenol  
 Concen: 52.530 ng  
 RT: 13.38 min Scan# 1716  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 93.6  | 76.3       | 114.5 |
| 200     | 30.4  | 25.6       | 38.4  |

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





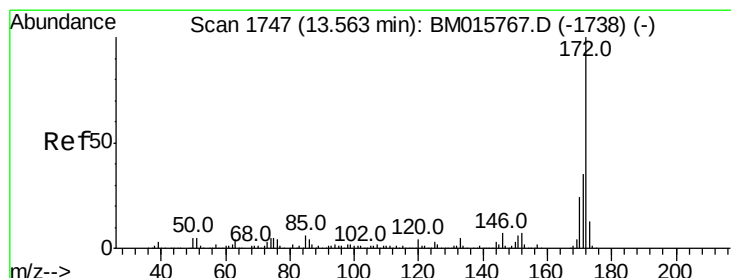
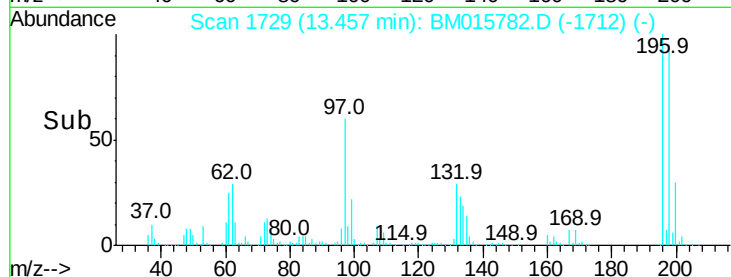
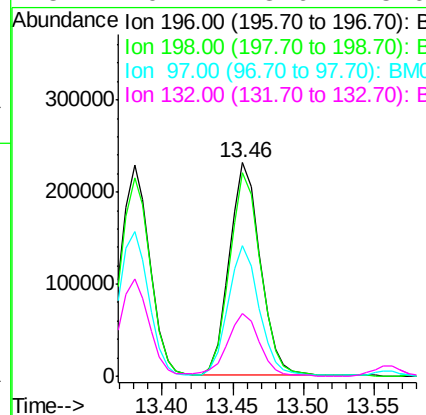
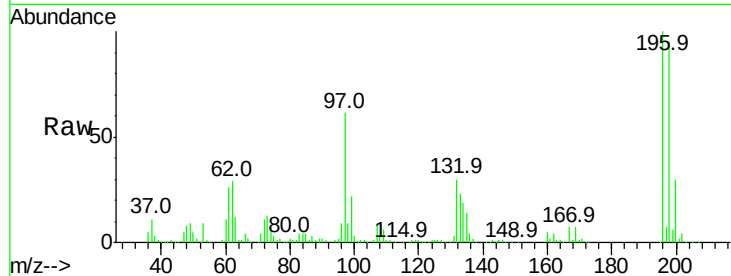
#43  
 2,4,5-Trichlorophenol  
 Concen: 51.370 ng  
 RT: 13.46 min Scan# 1729  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 352472 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.3  | 79.4  | 119.0  |
| 97        | 61.1  | 26.8  | 40.2#  |
| 132       | 29.7  | 18.6  | 28.0#  |

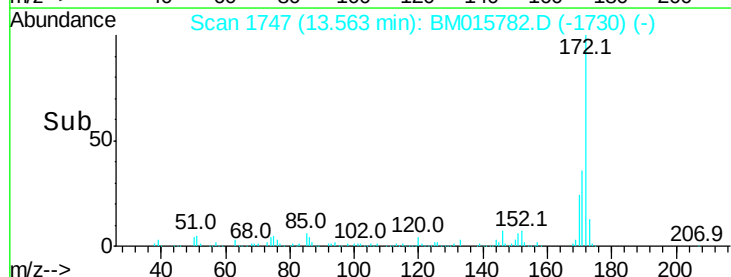
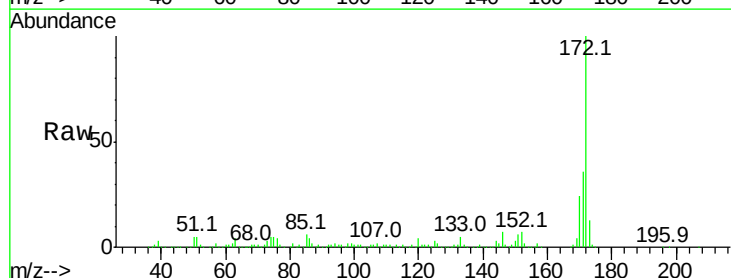
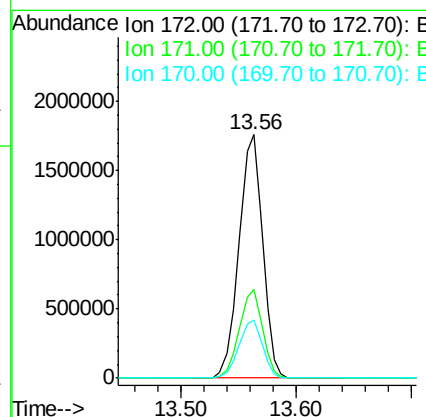
Manual Integrations  
 APPROVED

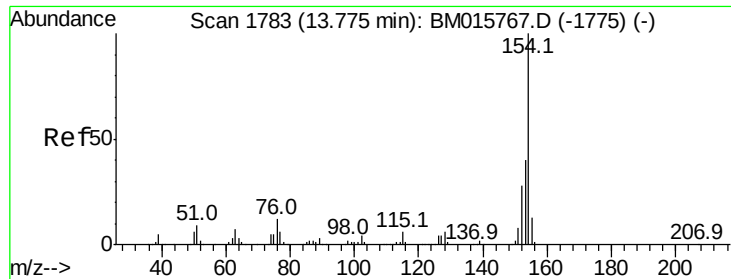
Sohil  
 7/6/2018 5:21:49 PM



#44  
 2-Fluorobiphenyl  
 Concen: 51.370 ng  
 RT: 13.56 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 2489662 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.2  | 28.5  | 42.7    |
| 170       | 24.0  | 18.8  | 28.2    |





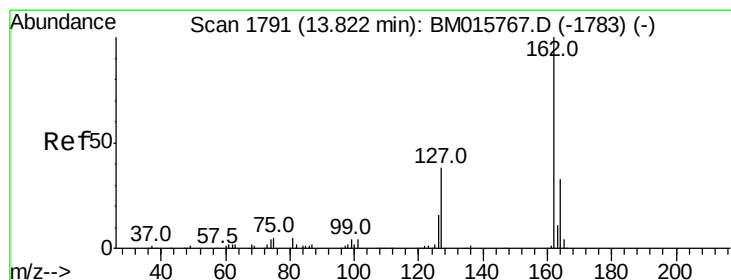
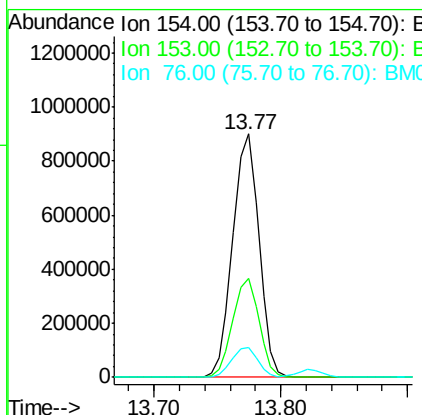
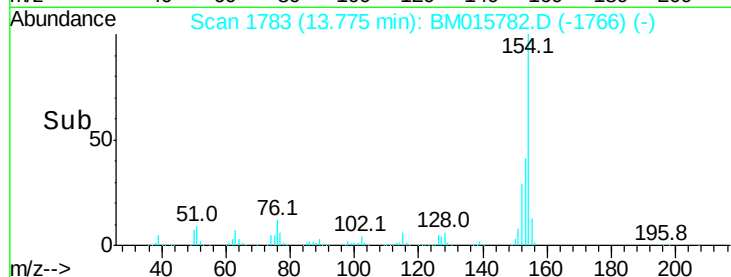
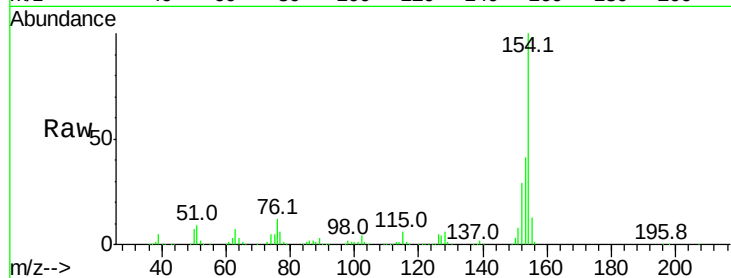
#45  
1,1'-Biphenyl  
Concen: 47.591 ng  
RT: 13.77 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.9  | 20.7  | 60.7  |
| 76      | 12.2  | 0.0   | 30.9  |

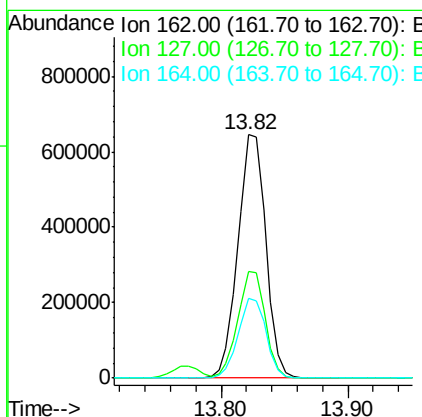
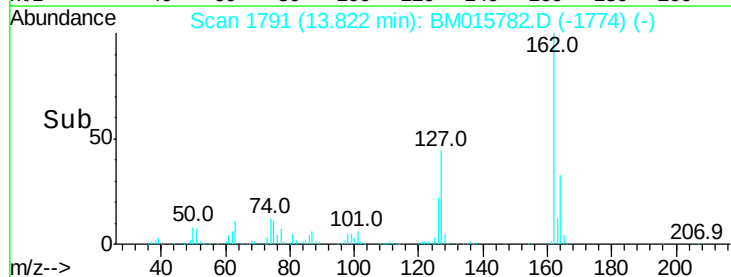
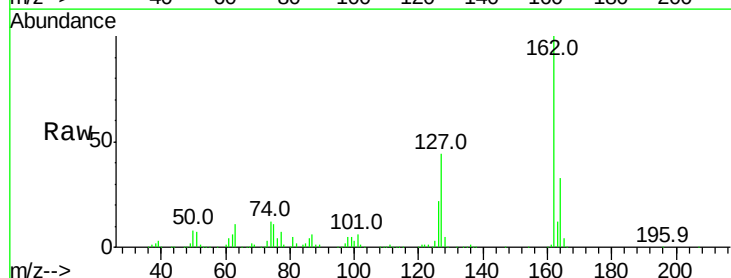
Manual Integrations  
APPROVED

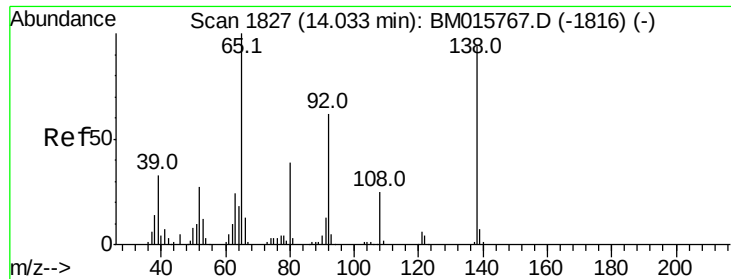
Sohil  
7/6/2018 5:21:49 PM



#46  
2-Chloronaphthalene  
Concen: 48.578 ng  
RT: 13.82 min Scan# 1791  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.7  | 26.9  | 40.3# |
| 164     | 32.6  | 26.8  | 40.2  |





#47

2-Nitroaniline

Concen: 48.219 ng

RT: 14.03 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

ClientSampleId :

PB110812BS

Tot Ion: 65 Resp: 340312

Ion Ratio Lower Upper

65 100

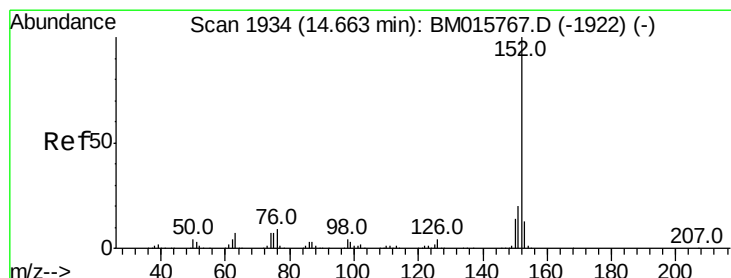
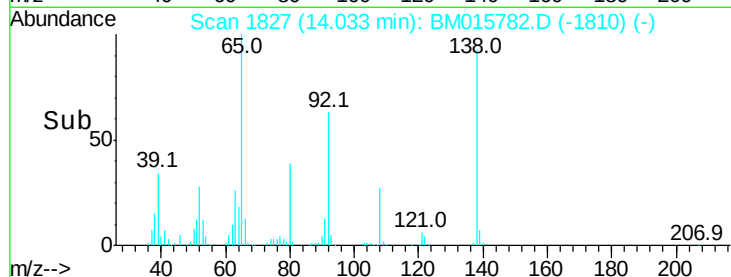
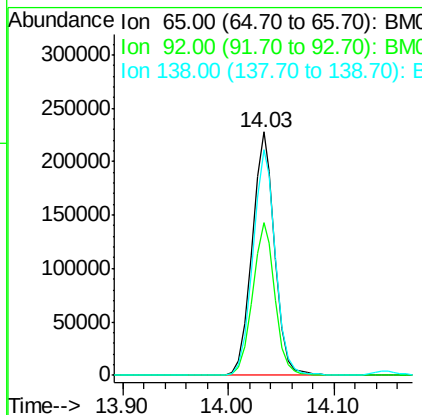
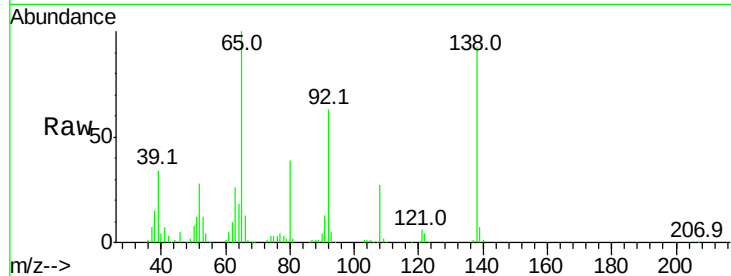
92 63.0 59.1 88.7

138 92.6 93.9 140.9#

Manual Integrations  
APPROVED

Sohil

7/6/2018 5:21:49 PM



#48

Acenaphthylene

Concen: 49.193 ng

RT: 14.66 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

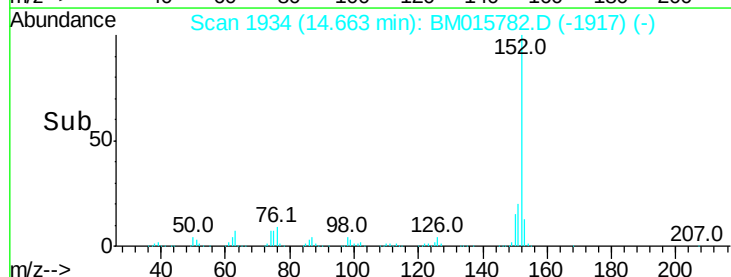
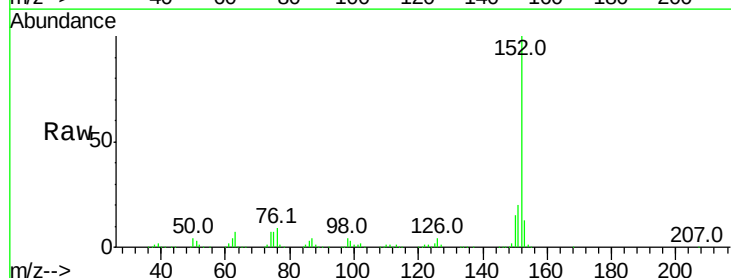
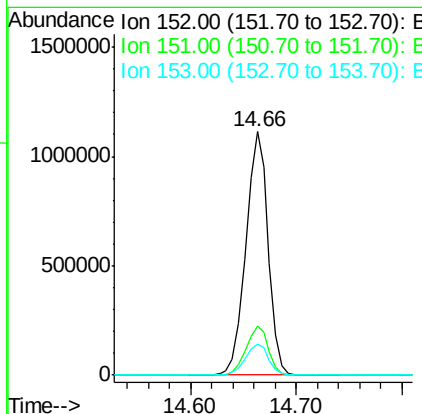
Tgt Ion: 152 Resp: 1619600

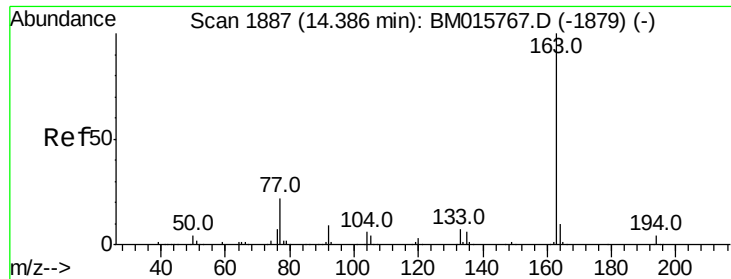
Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 47.050 ng

RT: 14.39 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

ClientSampleId :

PB110812BS

Tot Ion:163 Resp: 1299104

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

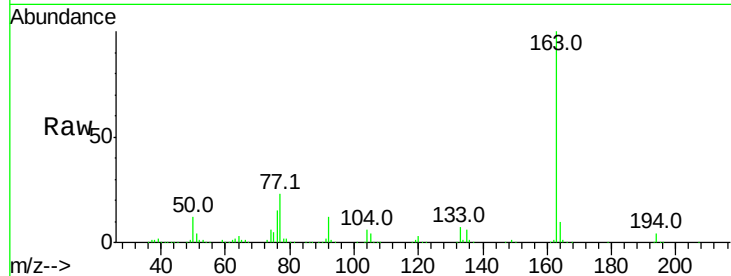
164 10.0 8.2 12.2

Manual Integrations

APPROVED

Sohil

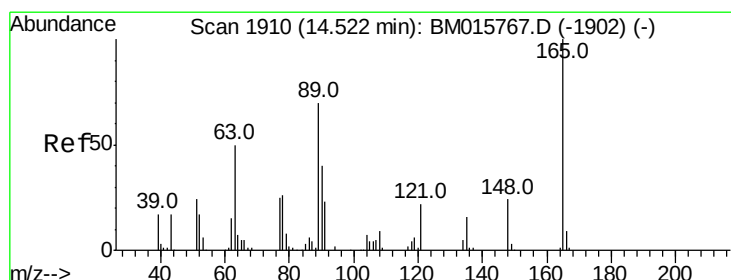
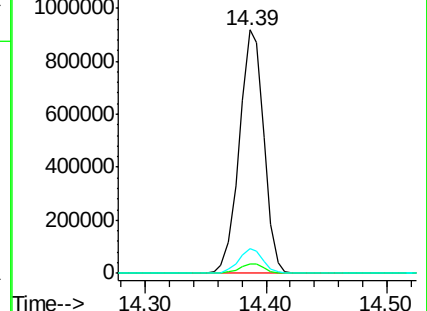
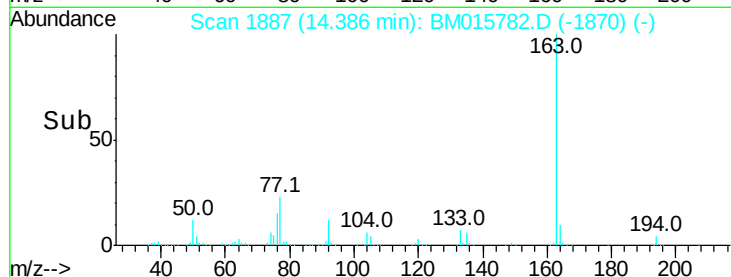
7/6/2018 5:21:49 PM



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: 50.390 ng

RT: 14.52 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

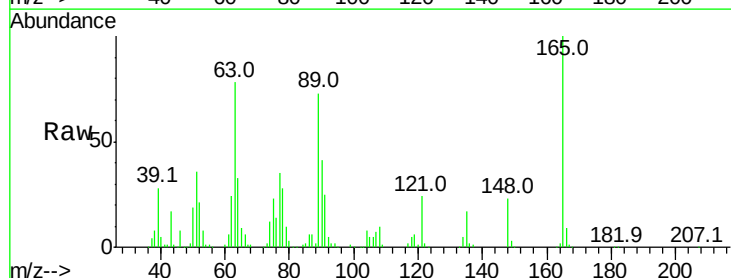
Tgt Ion:165 Resp: 271279

Ion Ratio Lower Upper

165 100

63 77.8 44.1 66.1#

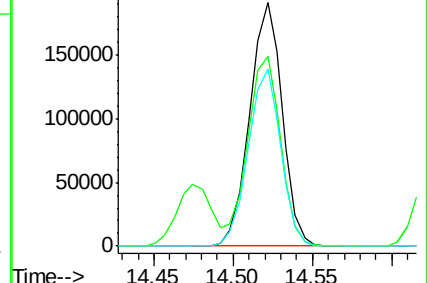
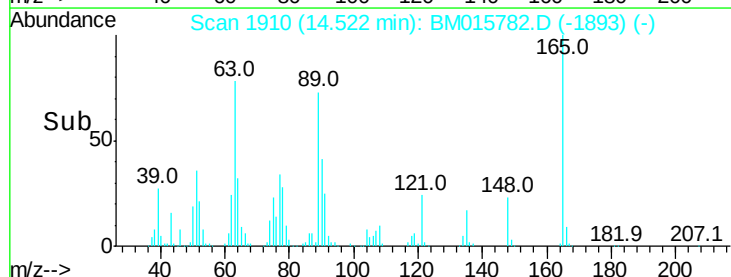
89 72.6 44.3 66.5#

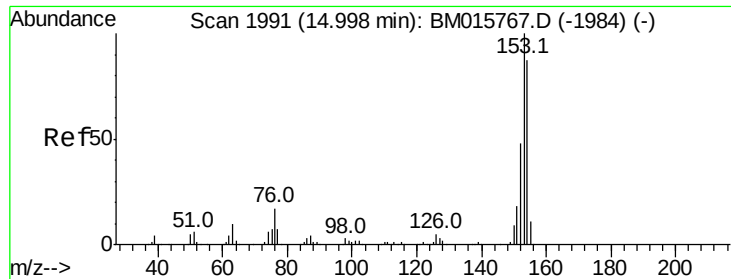


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 45.890 ng

RT: 15.00 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

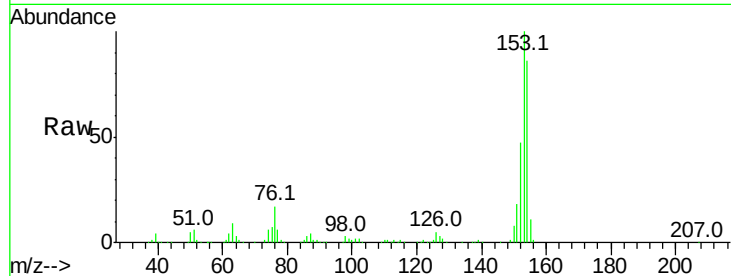
ClientSampleId :

PB110812BS

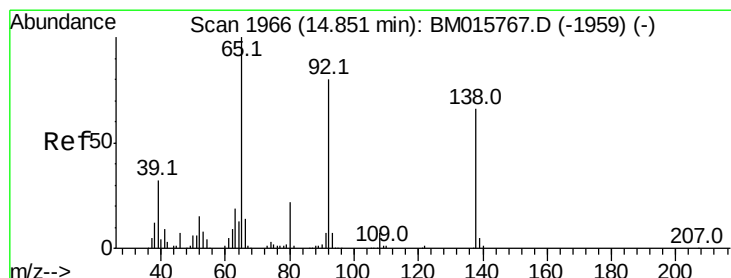
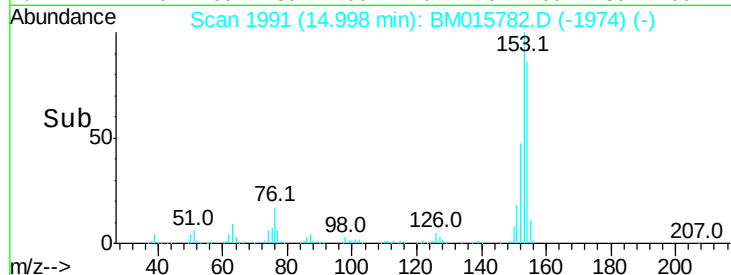
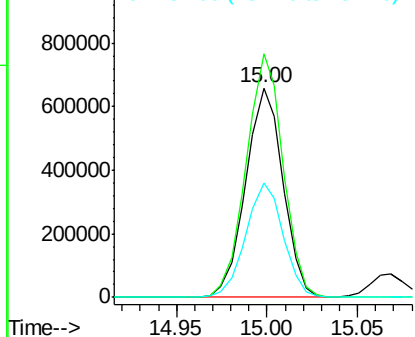
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 154   | Resp: | 940129 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 116.2 | 90.0  | 135.0  |
| 152      | 54.4  | 42.6  | 63.8   |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 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: 33.437 ng

RT: 14.85 min Scan# 1966

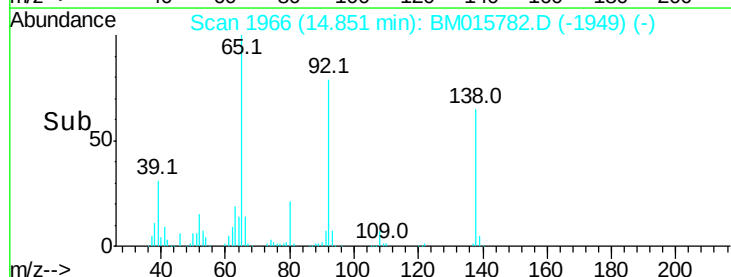
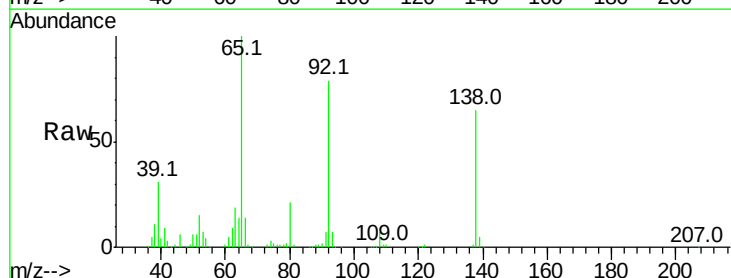
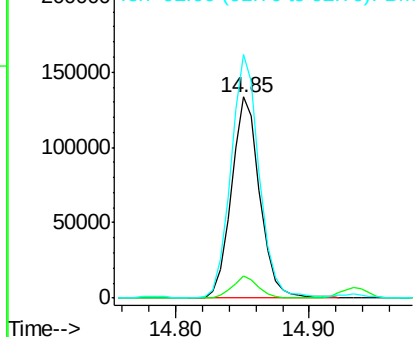
Delta R.T. -0.00 min

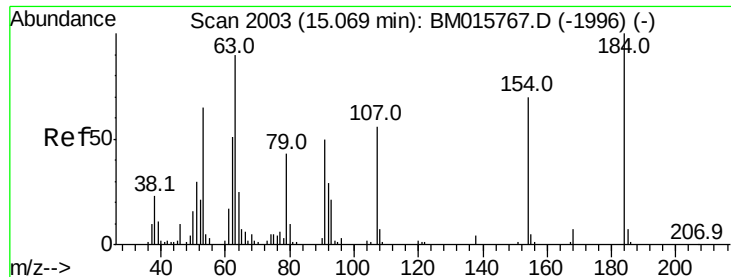
Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 197031 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 108      | 11.0  | 7.3   | 10.9#  |
| 92       | 121.1 | 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





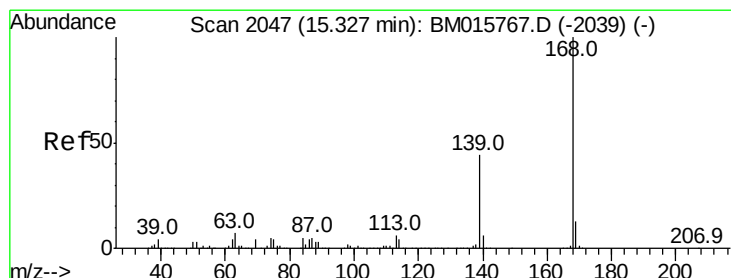
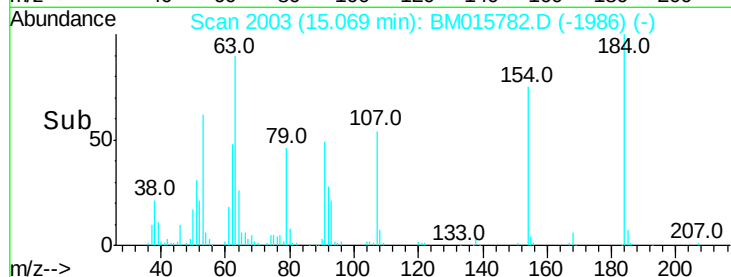
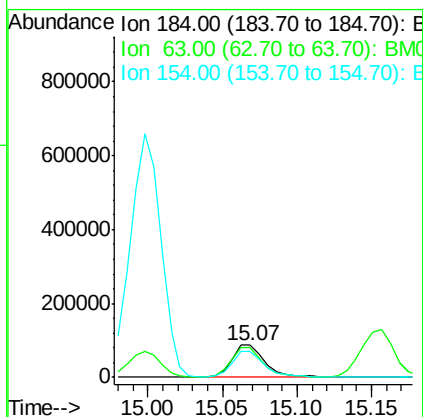
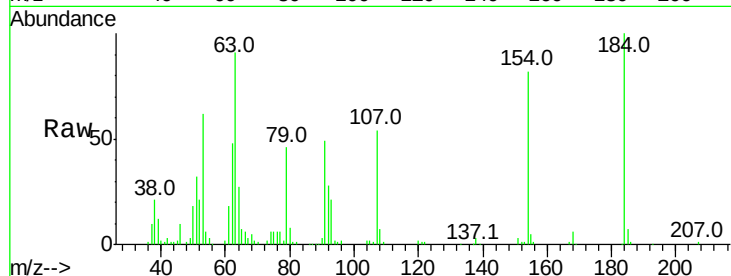
#53  
2,4-Dinitrophenol  
Concen: 52.817 ng  
RT: 15.07 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampled :  
PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 91.1  | 69.2  | 103.8 |
| 154     | 82.0  | 53.3  | 79.9# |

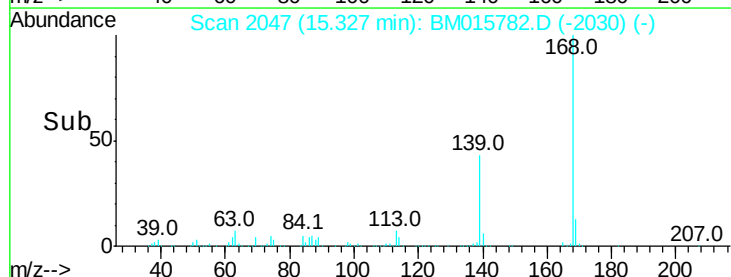
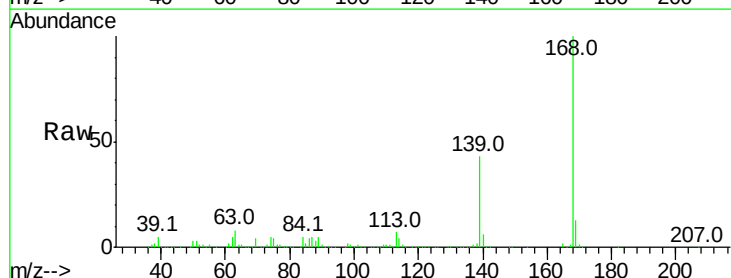
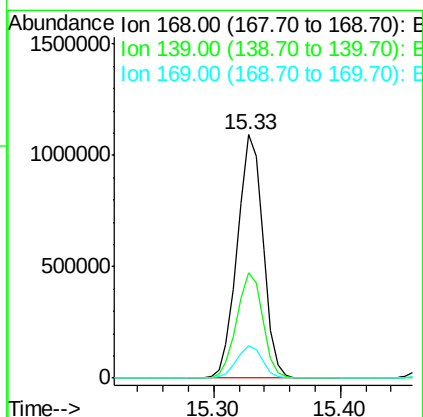
Manual Integrations  
APPROVED

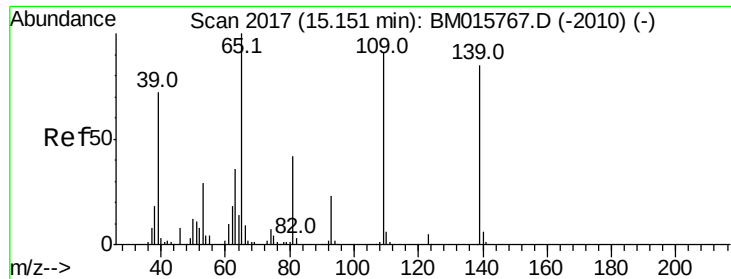
Sohil  
7/6/2018 5:21:49 PM



#54  
Dibenzofuran  
Concen: 48.433 ng  
RT: 15.33 min Scan# 2047  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 43.5  | 27.3  | 40.9# |
| 169     | 13.1  | 10.6  | 16.0  |





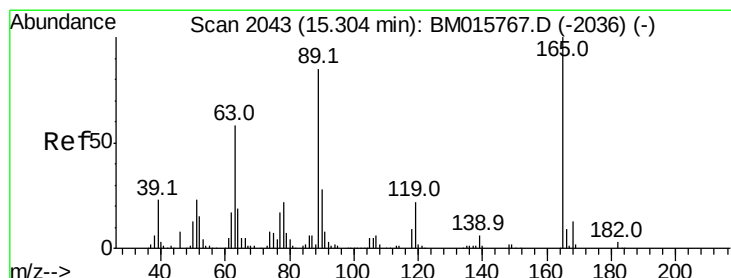
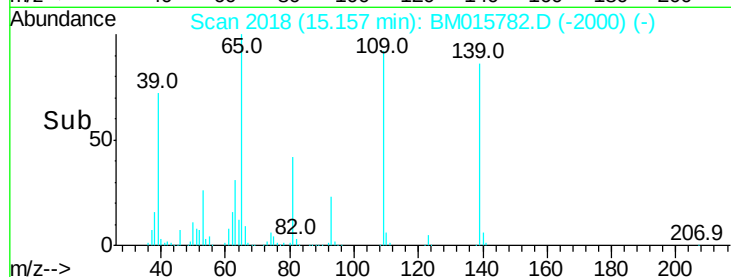
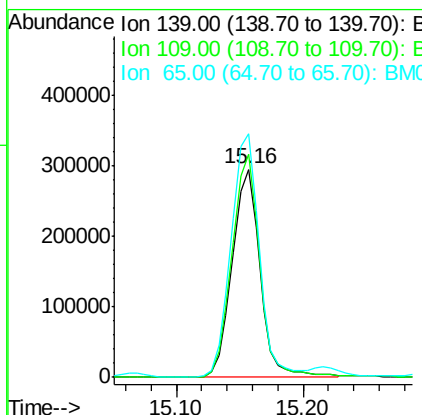
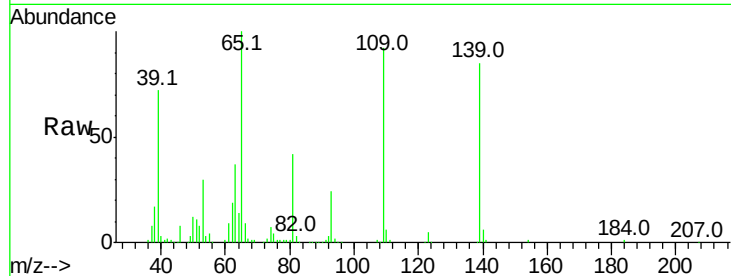
#55  
4-Nitrophenol  
Concen: 103.110 ng  
RT: 15.16 min Scan# 2018  
Delta R.T. 0.01 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampled :  
PB110812BS

Tot Ion:139 Resp: 448410  
Ion Ratio Lower Upper  
139 100  
109 107.1 130.0 170.0#  
65 117.0 130.0 170.0#

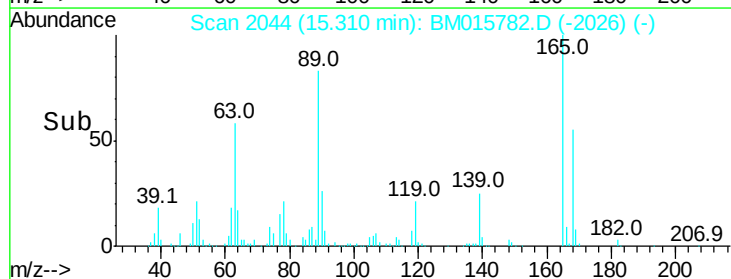
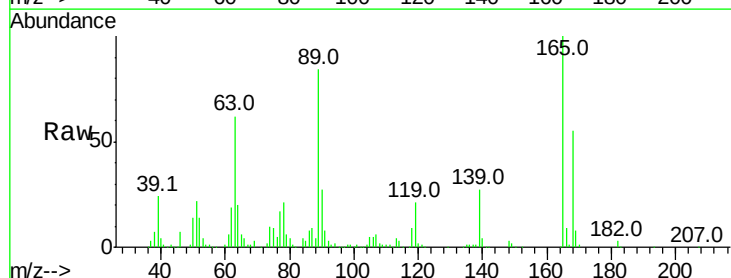
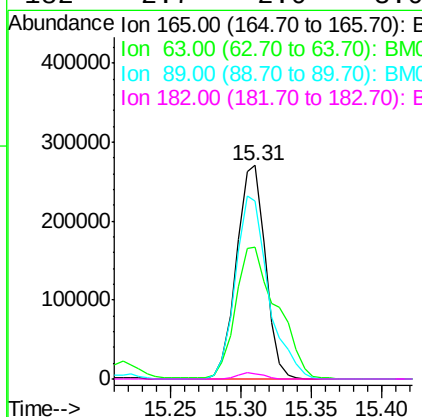
Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM

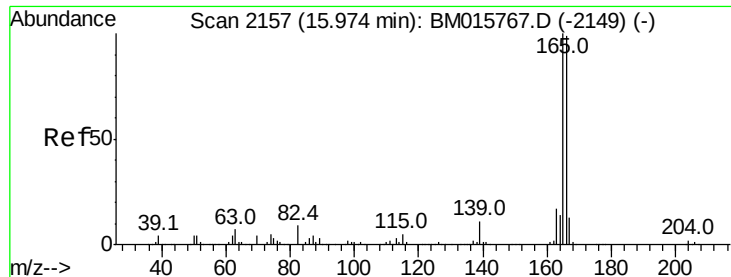


#56  
2,4-Dinitrotoluene  
Concen: 49.640 ng  
RT: 15.31 min Scan# 2044  
Delta R.T. 0.01 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Tgt Ion:165 Resp: 385820  
Ion Ratio Lower Upper  
165 100  
63 61.6 52.4 78.6  
89 83.6 72.4 108.6  
182 2.7 2.0 3.0







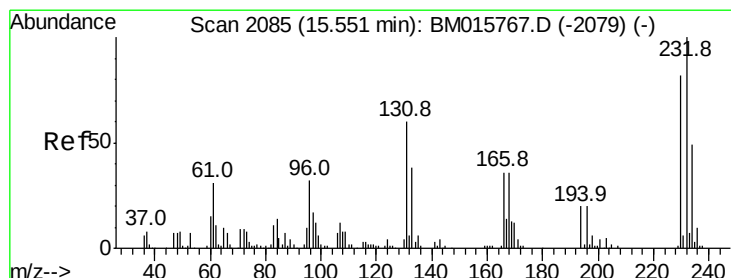
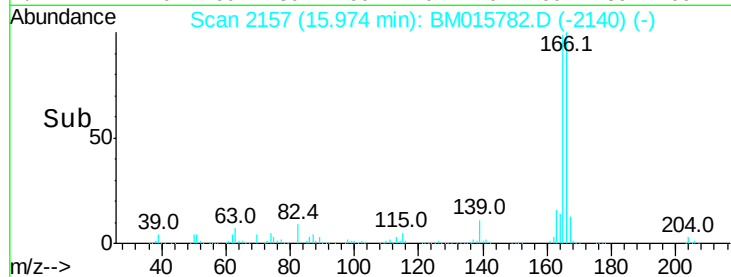
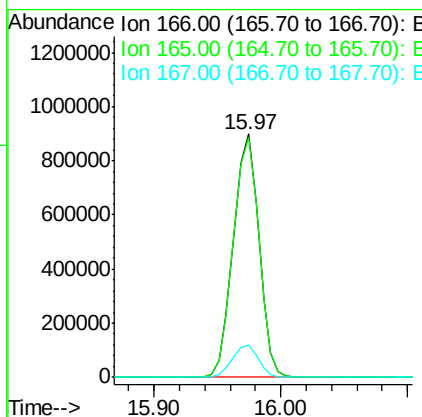
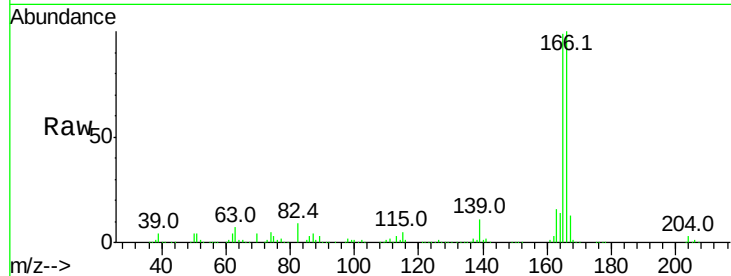
#57  
 Fluorene  
 Concen: 48.208 ng  
 RT: 15.97 min Scan# 2157  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.7  | 79.0  | 118.4 |
| 167     | 13.5  | 10.3  | 15.5  |

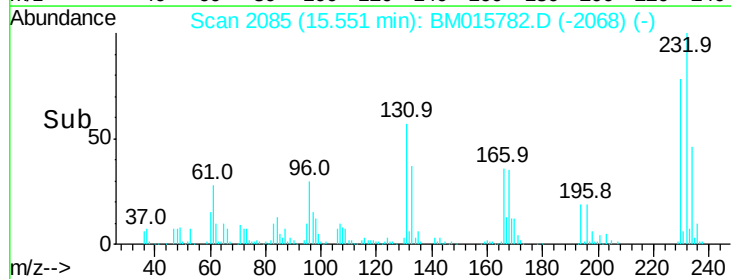
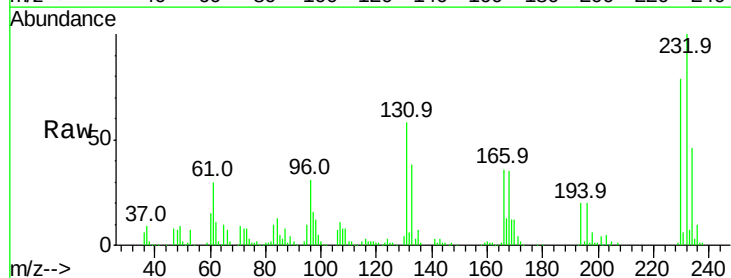
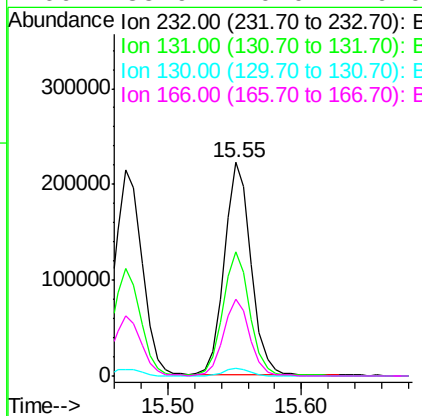
Manual Integrations  
 APPROVED

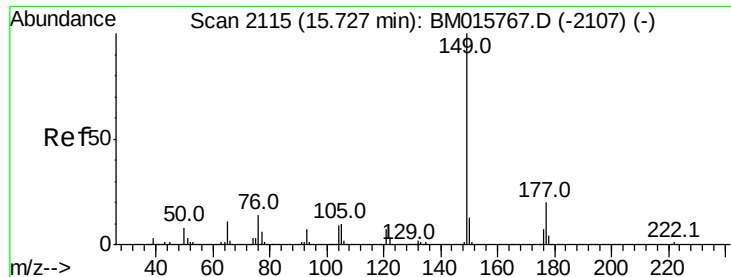
Sohil  
 7/6/2018 5:21:49 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 53.640 ng  
 RT: 15.55 min Scan# 2085  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 58.6  | 0.0   | 0.0#  |
| 130     | 3.7   | 0.0   | 0.0#  |
| 166     | 35.9  | 0.0   | 0.0#  |





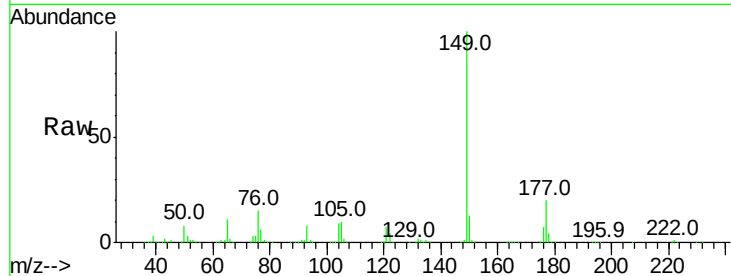
#59  
Diethylphthalate  
Concen: 46.456 ng  
RT: 15.73 min Scan# 2115  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

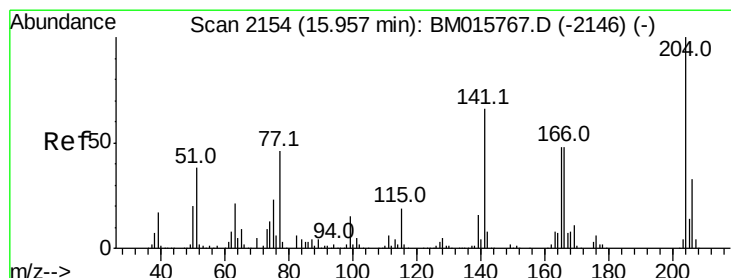
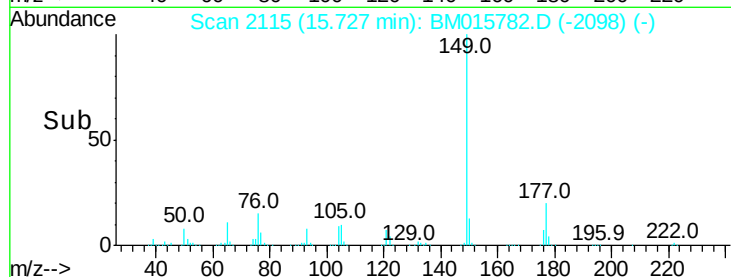
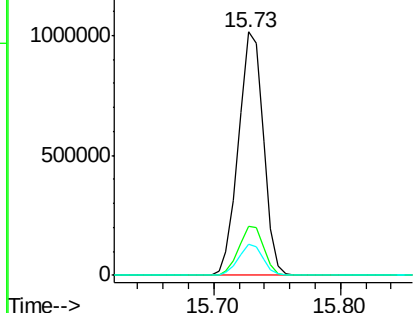
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.2  | 18.3  | 27.5  |
| 150     | 12.5  | 9.8   | 14.8  |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM

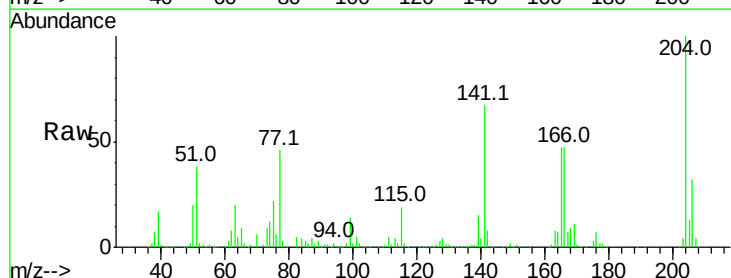


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

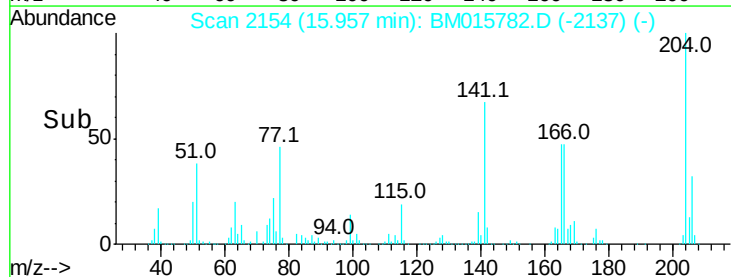
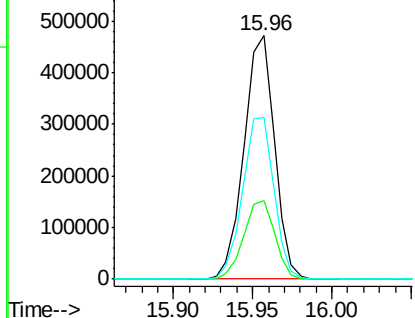


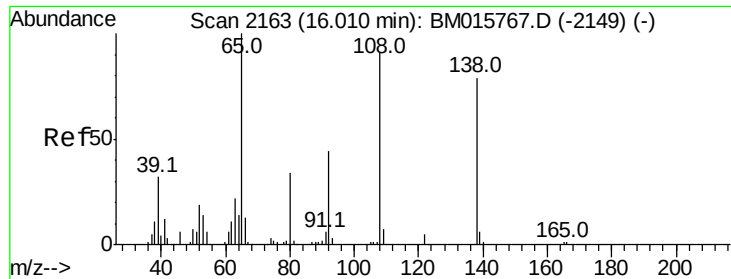
#60  
4-Chlorophenyl-phenylether  
Concen: 47.121 ng  
RT: 15.96 min Scan# 2154  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.4  | 26.6  | 39.8  |
| 141     | 66.6  | 45.2  | 67.8  |



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.097 ng

RT: 16.02 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

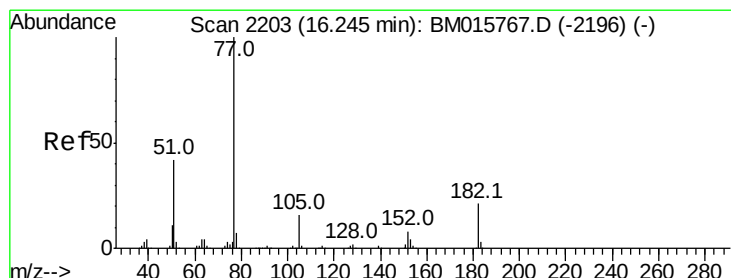
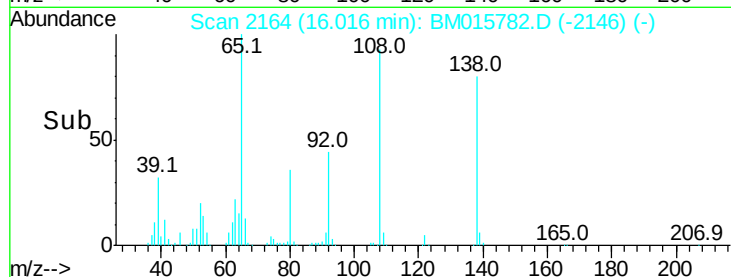
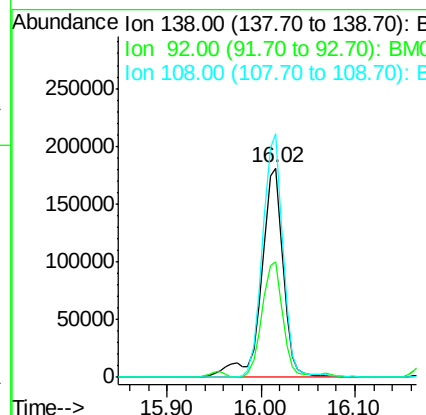
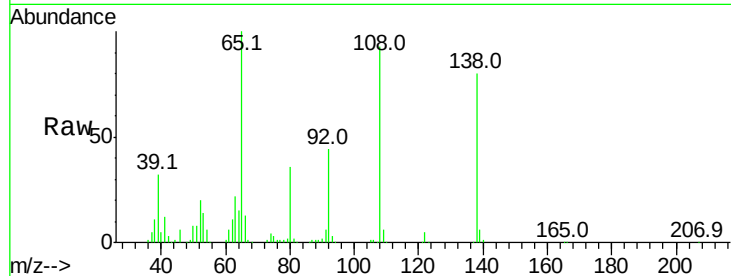
ClientSampled :

PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 55.1  | 16.7  | 56.7  |
| 108     | 116.4 | 37.6  | 77.6  |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM



#62

Azobenzene

Concen: 51.780 ng

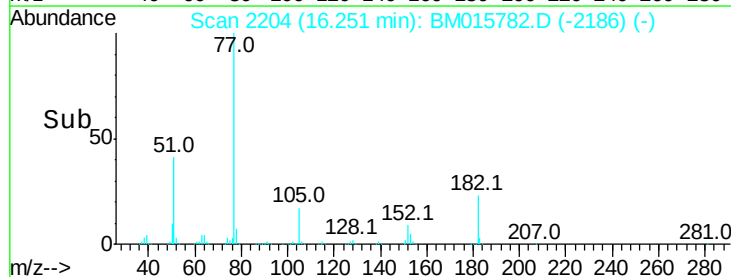
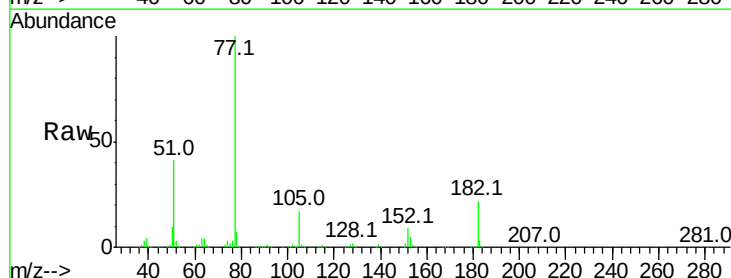
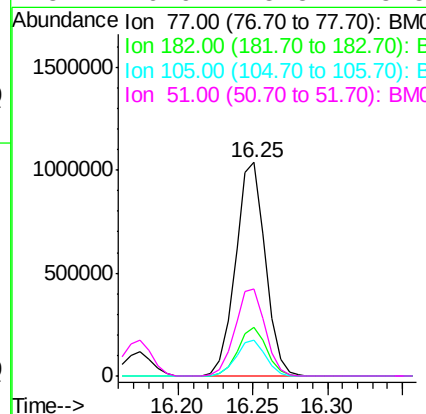
RT: 16.25 min Scan# 2204

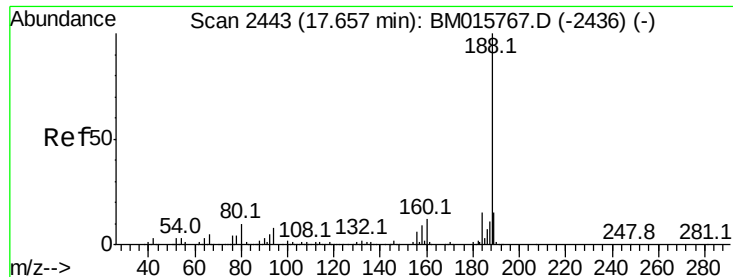
Delta R.T. 0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 22.5  | 6.5   | 46.5  |
| 105     | 16.9  | 3.8   | 43.8  |
| 51      | 40.9  | 5.5   | 45.5  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

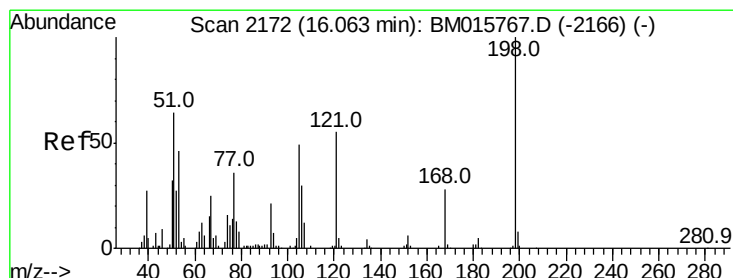
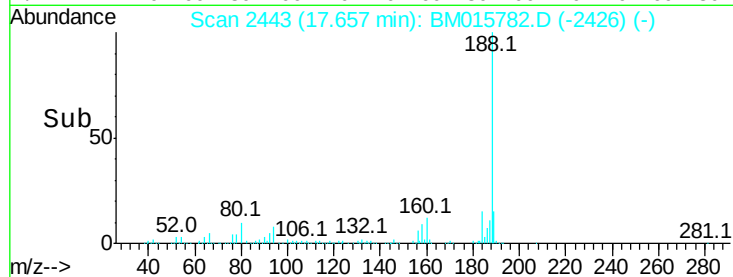
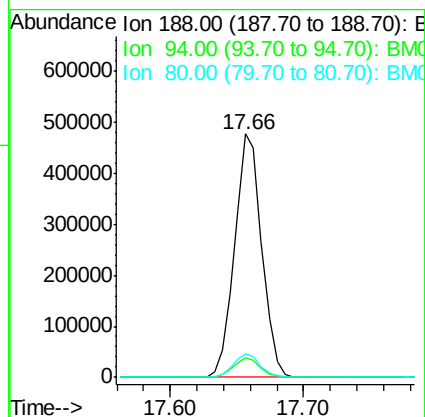
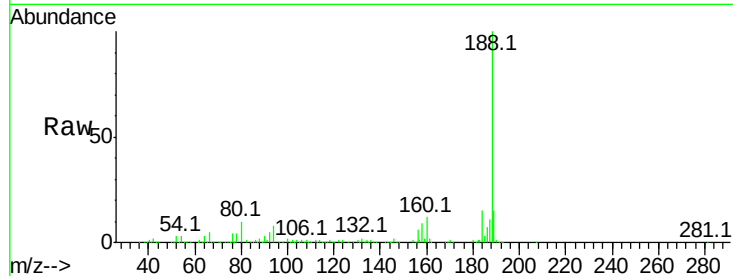
ClientSampleId :

PB110812BS

|             |              |
|-------------|--------------|
| Tot Ion:188 | Resp: 672997 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 8.0      | 8.7 13.1#    |
| 80 9.5      | 9.3 13.9     |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 30.480 ng

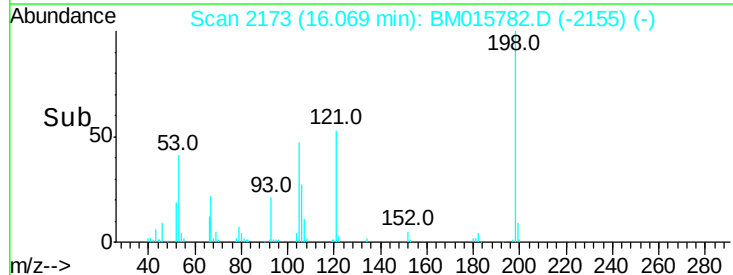
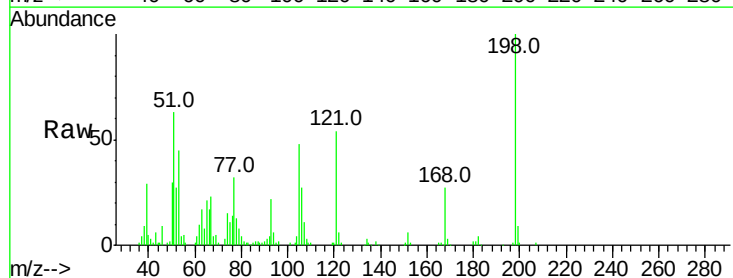
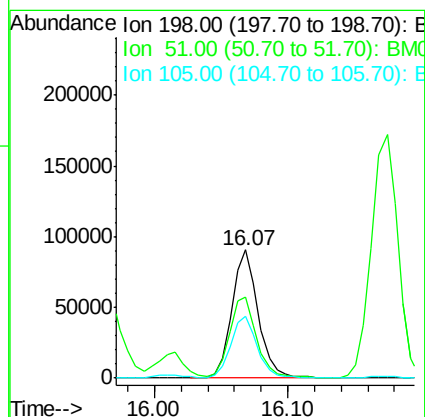
RT: 16.07 min Scan# 2173

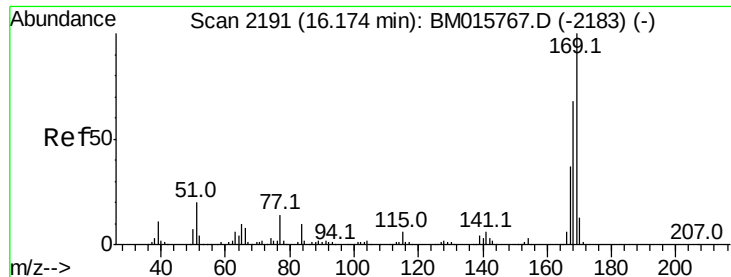
Delta R.T. 0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

|             |              |
|-------------|--------------|
| Tgt Ion:198 | Resp: 124705 |
| Ion Ratio   | Lower Upper  |
| 198 100     |              |
| 51 62.7     | 28.8 68.8    |
| 105 47.8    | 30.5 70.5    |





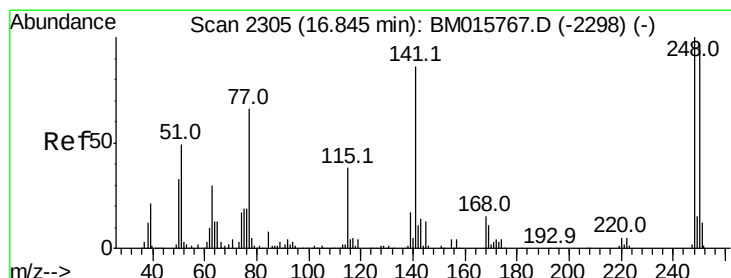
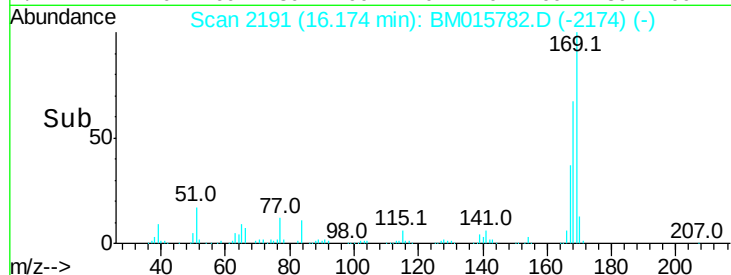
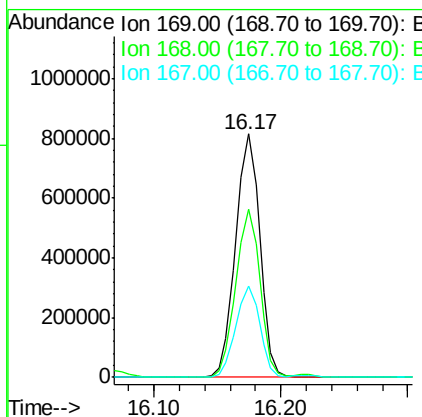
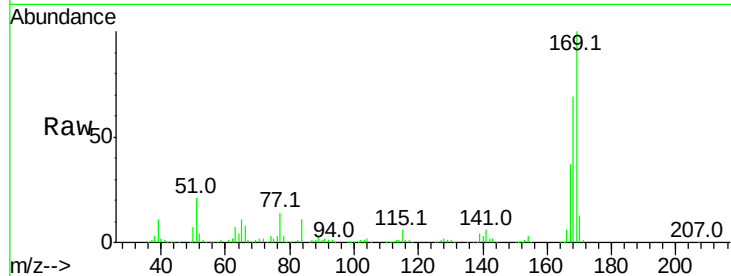
#65  
n-Nitrosodiphenylamine  
Concen: 46.670 ng  
RT: 16.17 min Scan# 2191  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampled :  
PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.2  | 53.9  | 80.9  |
| 167     | 37.4  | 28.9  | 43.3  |

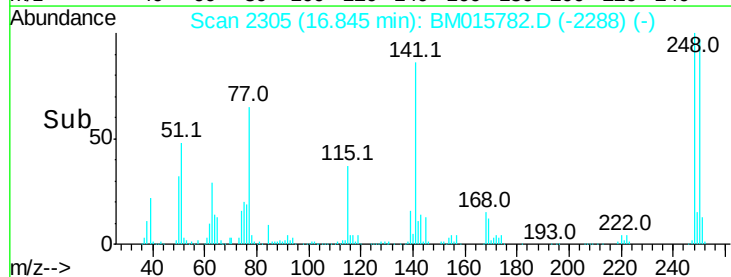
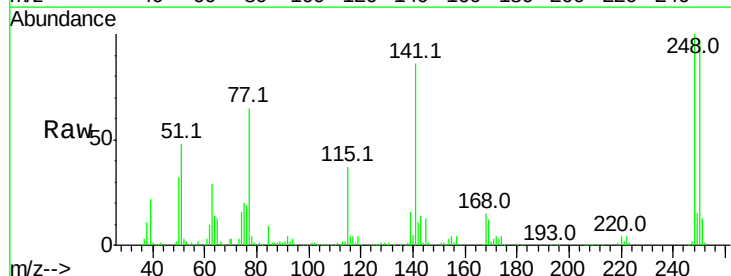
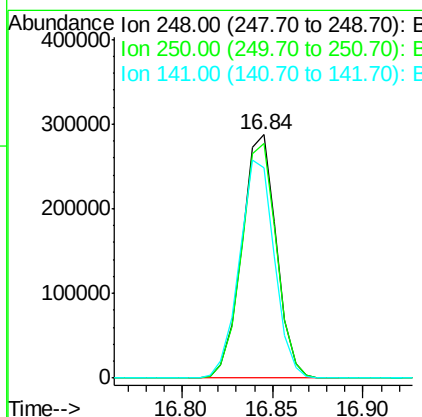
Manual Integrations  
APPROVED

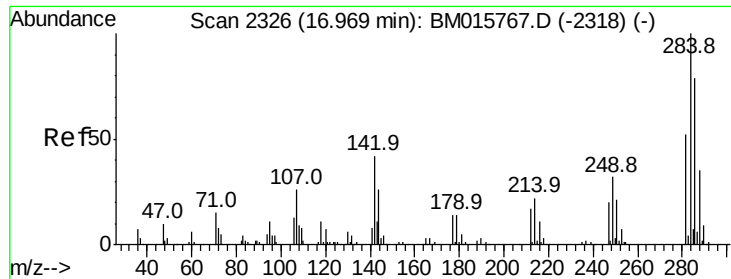
Sohil  
7/6/2018 5:21:49 PM



#66  
4-Bromophenyl-phenylether  
Concen: 50.627 ng  
RT: 16.84 min Scan# 2305  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.6  | 77.4  | 116.0 |
| 141     | 86.3  | 45.2  | 67.8  |





#67

Hexachlorobenzene

Concen: 49.681 ng

RT: 16.97 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

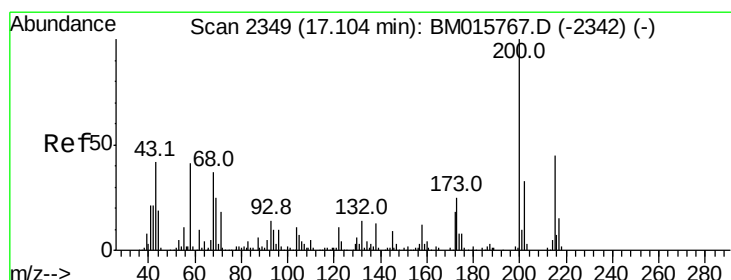
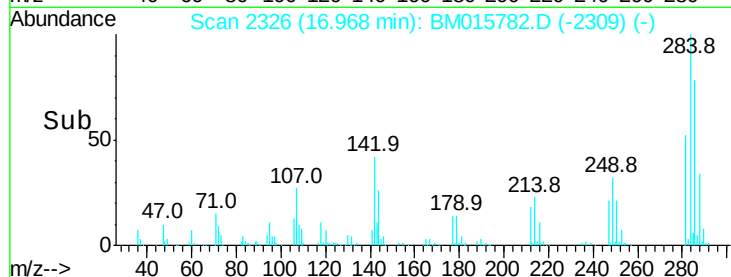
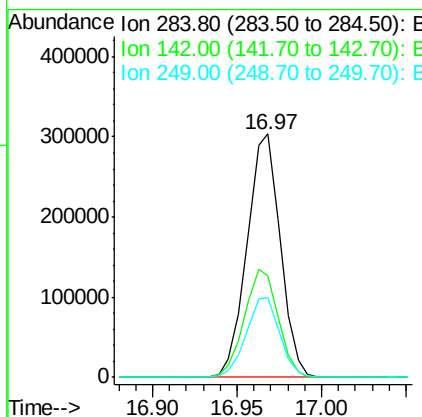
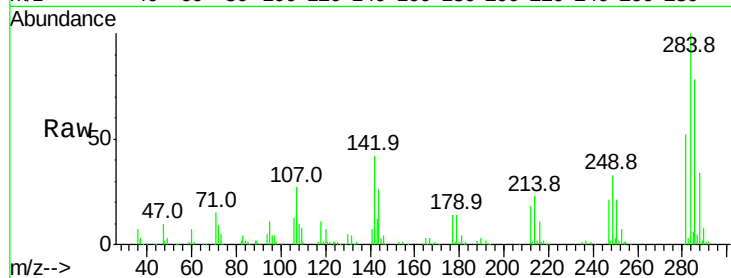
ClientSampleId :

PB110812BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 417153 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 41.7  | 20.4  | 30.6#  |
| 249       | 32.5  | 23.8  | 35.6   |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM



#68

Atrazine

Concen: 52.293 ng

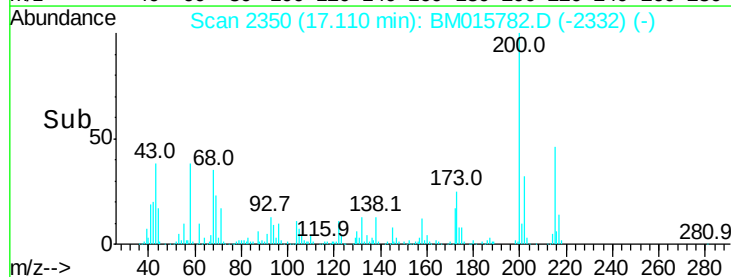
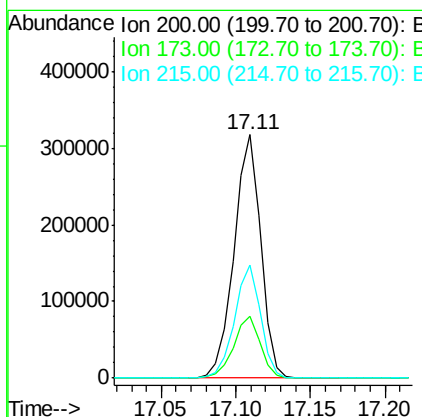
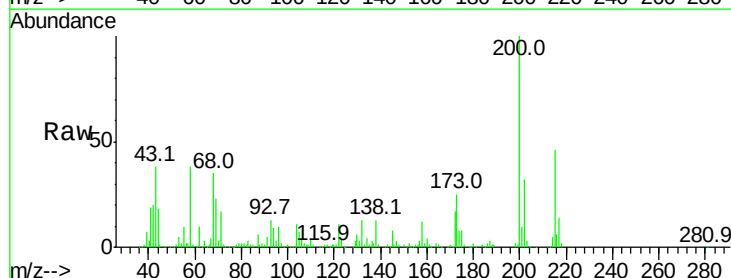
RT: 17.11 min Scan# 2350

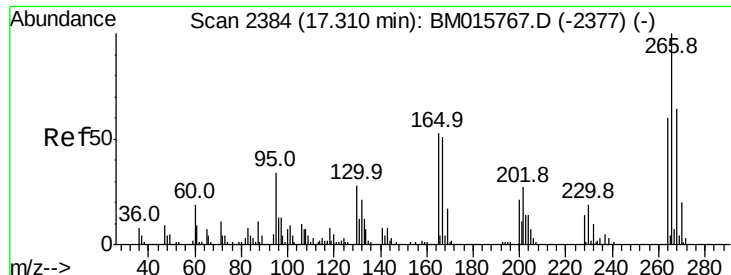
Delta R.T. 0.01 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 396653 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 25.2  | 4.8   | 44.8   |
| 215       | 46.2  | 26.9  | 66.9   |





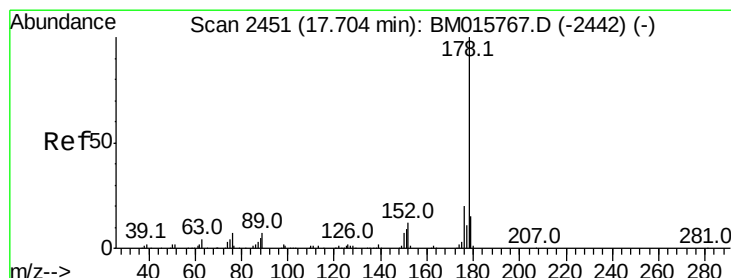
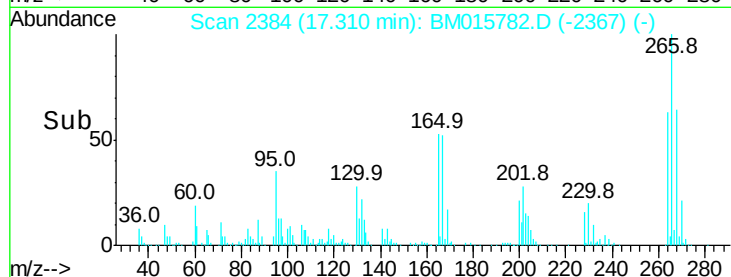
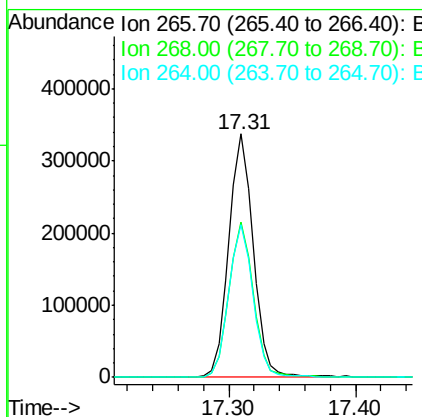
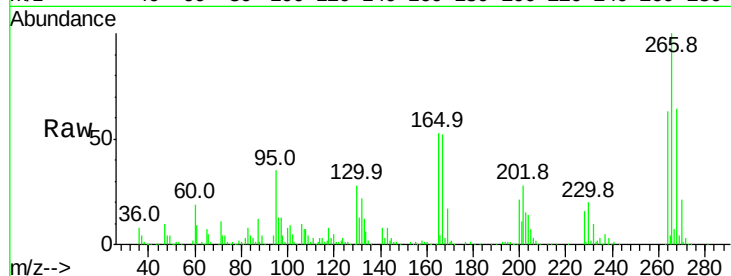
#69  
 Pentachlorophenol  
 Concen: 86.867 ng  
 RT: 17.31 min Scan# 2384  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 451333 |       |       |
| 268     | 63.9  | 52.0   | 78.0  |       |
| 264     | 62.9  | 49.0   | 73.4  |       |

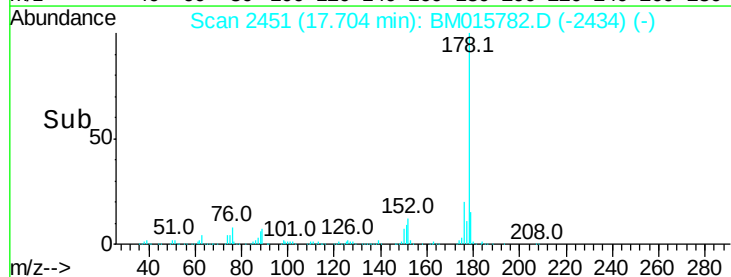
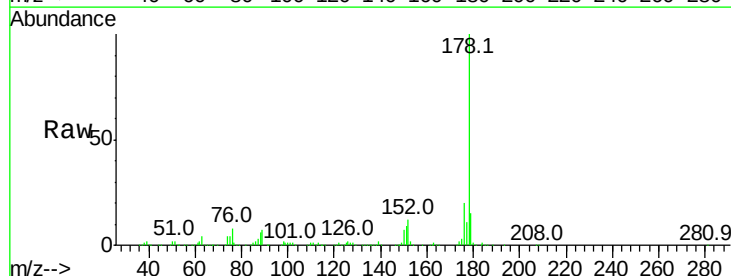
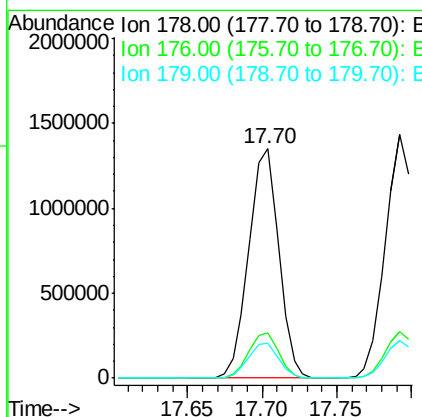
Manual Integrations  
 APPROVED

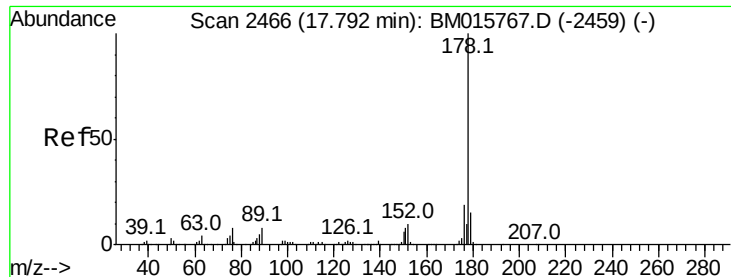
Sohil  
 7/6/2018 5:21:49 PM



#70  
 Phenanthrene  
 Concen: 48.815 ng  
 RT: 17.70 min Scan# 2451  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1879508 |       |       |
| 176     | 19.7  | 15.2    | 22.8  |       |
| 179     | 15.1  | 12.1    | 18.1  |       |





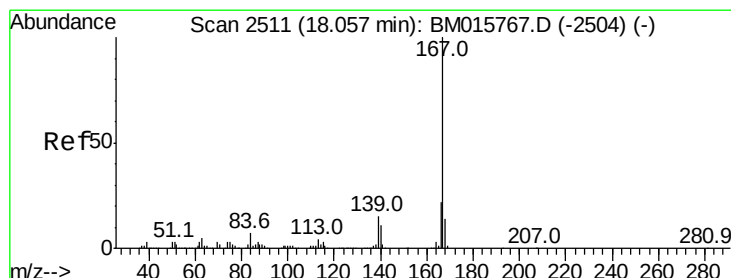
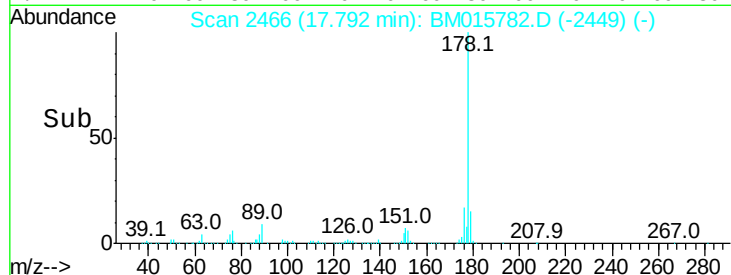
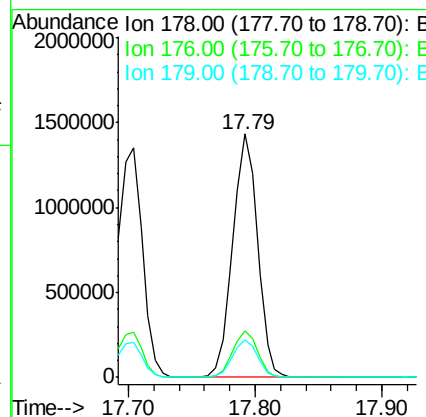
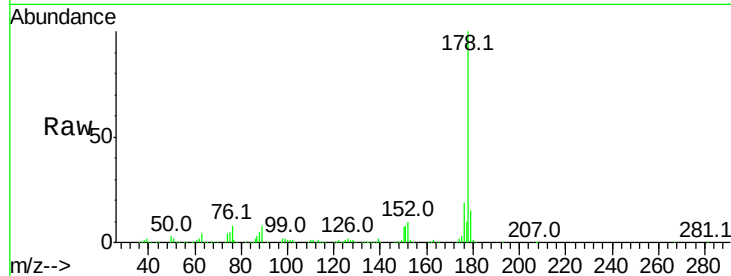
#71  
 Anthracene  
 Concen: 51.109 ng  
 RT: 17.79 min Scan# 2466  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 14.6  | 22.0  |
| 179     | 15.4  | 12.6  | 19.0  |

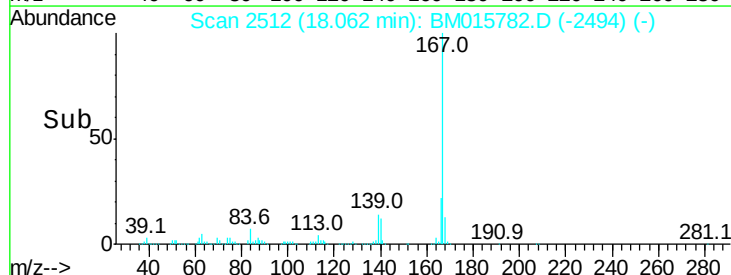
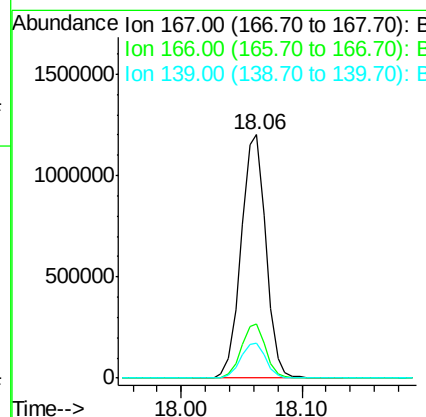
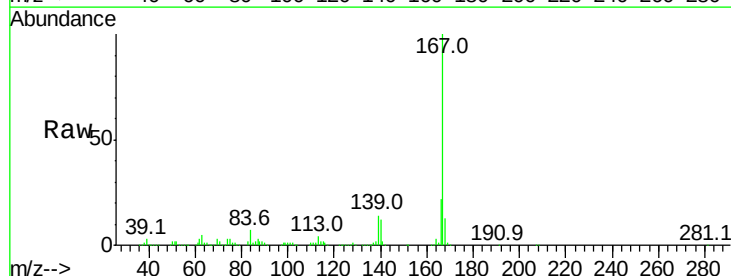
Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:21:49 PM

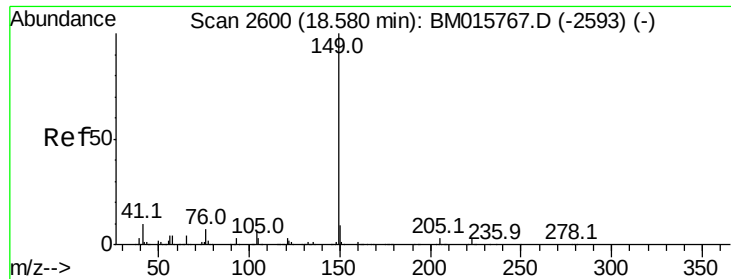


#72  
 Carbazole  
 Concen: 48.730 ng  
 RT: 18.06 min Scan# 2512  
 Delta R.T. 0.01 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 17.2  | 25.8  |
| 139     | 14.3  | 10.8  | 16.2  |







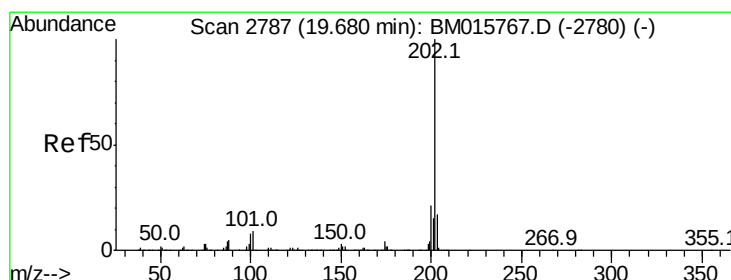
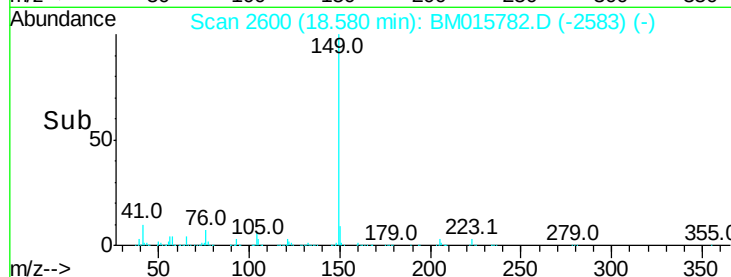
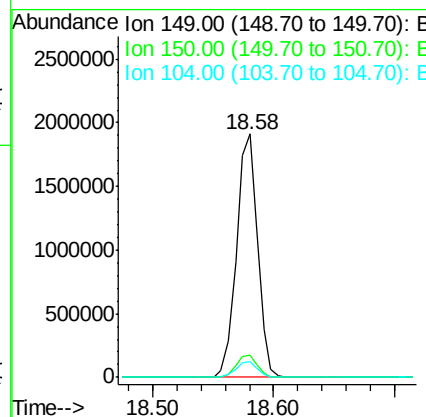
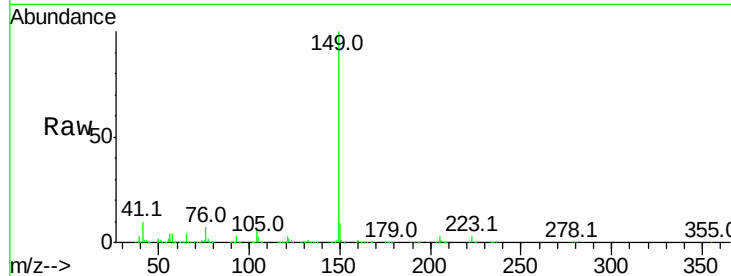
#73  
Di-n-butylphthalate  
Concen: 48.712 ng  
RT: 18.58 min Scan# 2600  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.0   | 7.5   | 11.3  |
| 104     | 6.3   | 3.7   | 5.5   |

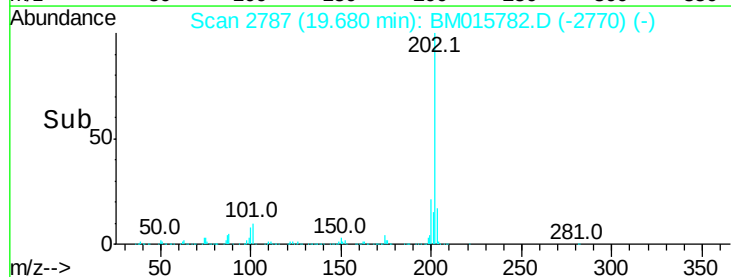
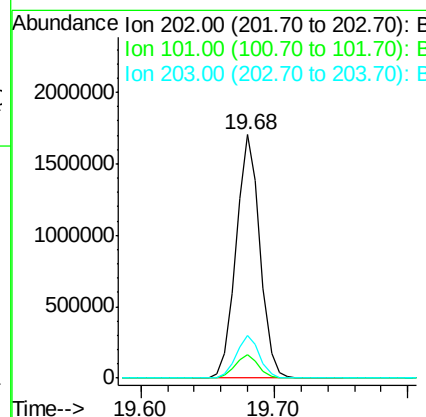
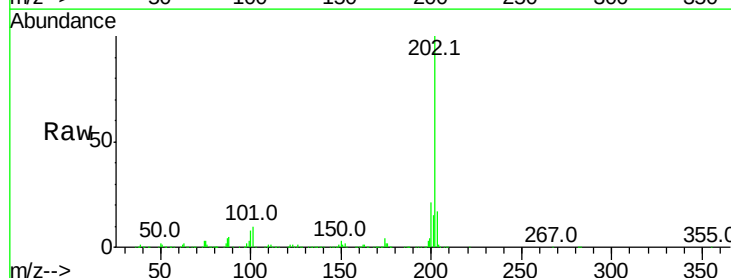
Manual Integrations  
APPROVED

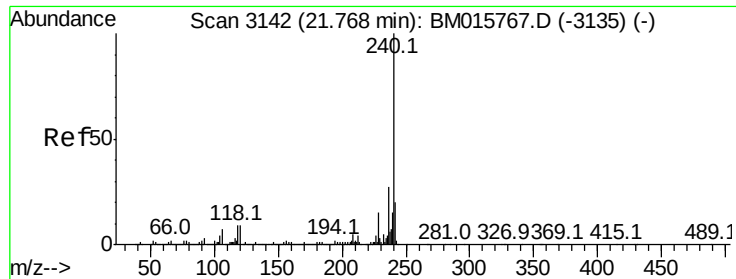
Sohil  
7/6/2018 5:21:49 PM



#74  
Fluoranthene  
Concen: 47.810 ng  
RT: 19.68 min Scan# 2787  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.7   | 0.0   | 28.7  |
| 203     | 17.4  | 0.0   | 37.2  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

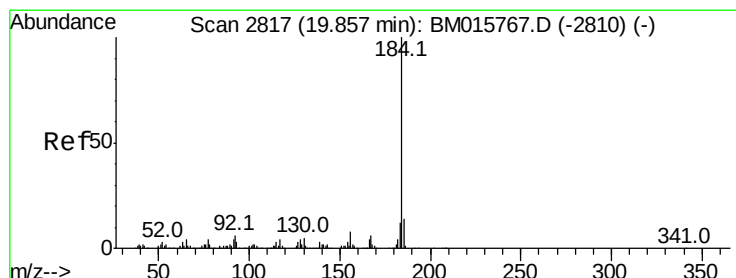
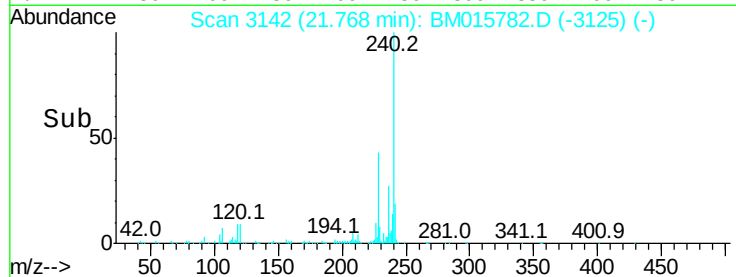
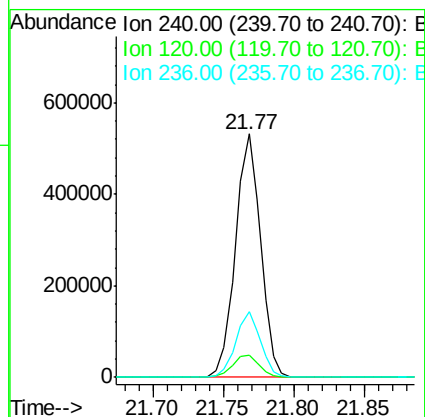
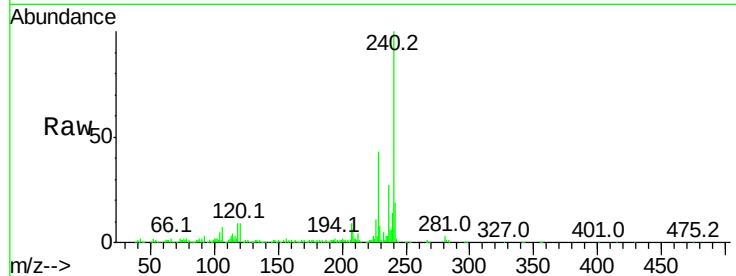
ClientSampleId :

PB110812BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 659850 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.3   | 8.2   | 12.2   |
| 236       | 27.0  | 20.0  | 30.0   |

Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM



#76

Benzidine

Concen: 51.828 ng

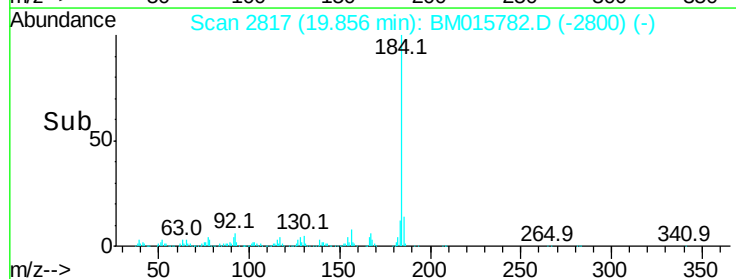
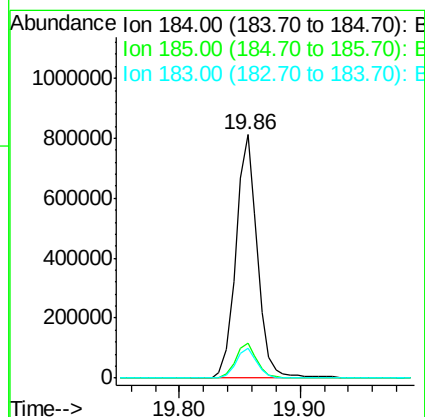
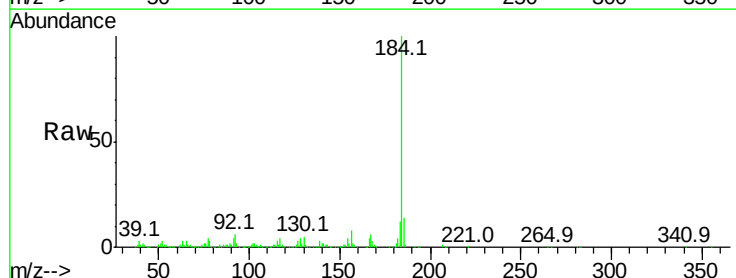
RT: 19.86 min Scan# 2817

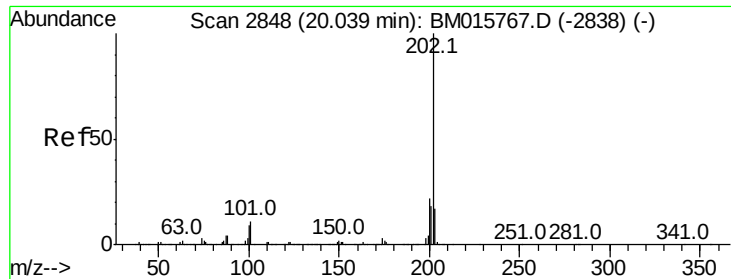
Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 184   | Resp: | 1001992 |
| Ion Ratio | Lower | Upper |         |
| 184       | 100   |       |         |
| 185       | 14.1  | 11.3  | 16.9    |
| 183       | 12.1  | 8.9   | 13.3    |





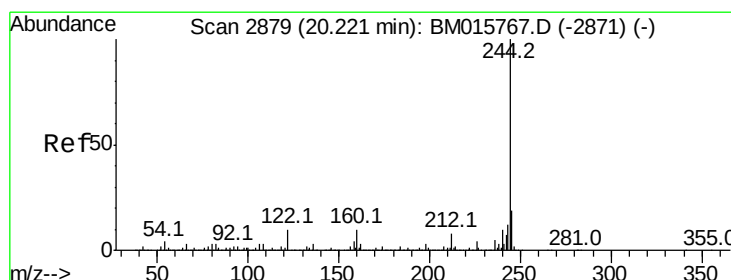
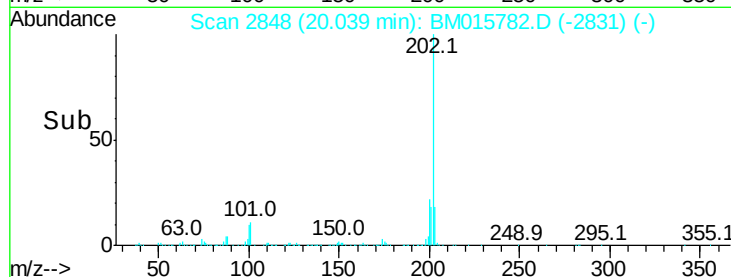
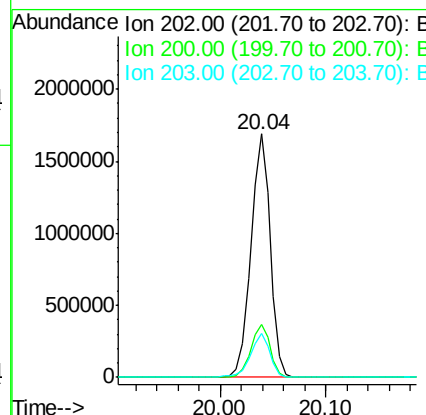
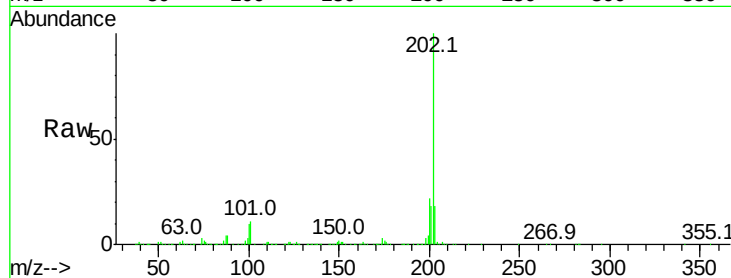
#77  
Pvrene  
Concen: 52.058 ng  
RT: 20.04 min Scan# 2848  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 16.9  | 25.3  |
| 203     | 18.0  | 14.1  | 21.1  |

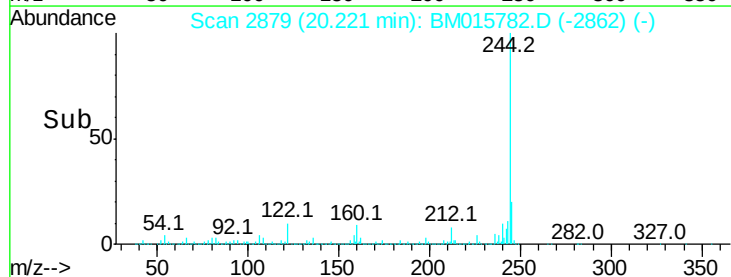
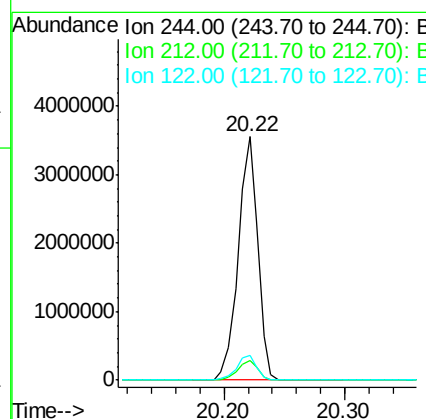
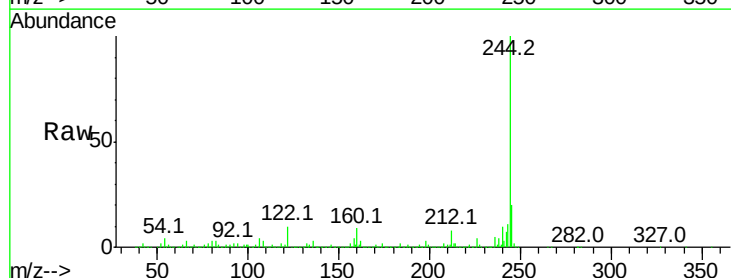
Manual Integrations  
APPROVED

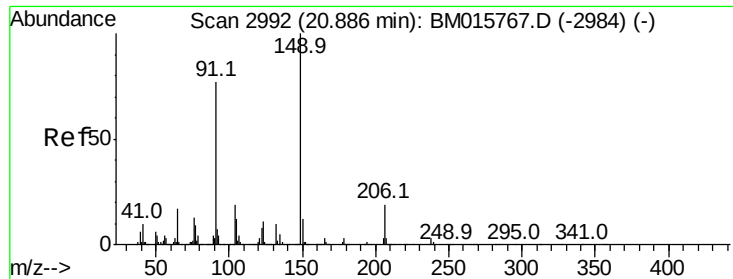
Sohil  
7/6/2018 5:21:49 PM



#78  
Terphenyl-d14  
Concen: 52.058 ng  
RT: 20.22 min Scan# 2879  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 4.9   | 7.3#  |
| 122     | 10.2  | 6.2   | 9.4#  |





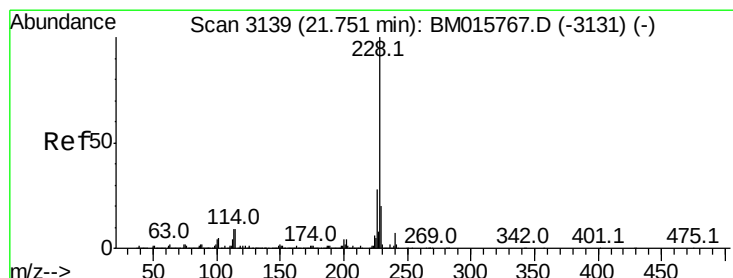
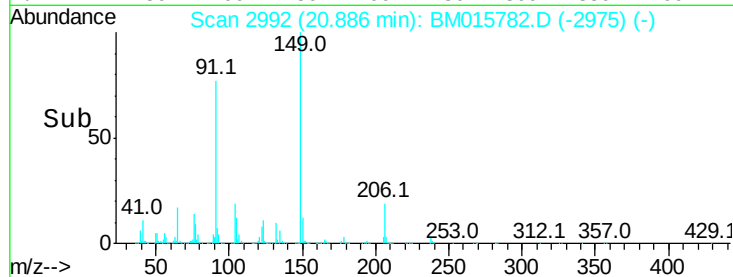
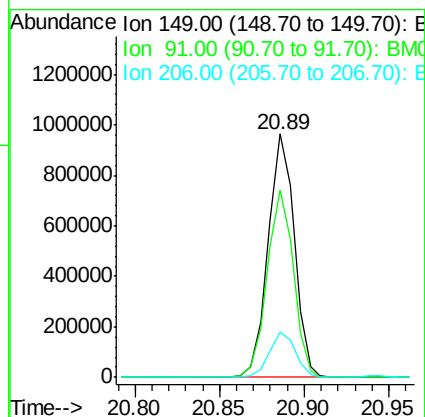
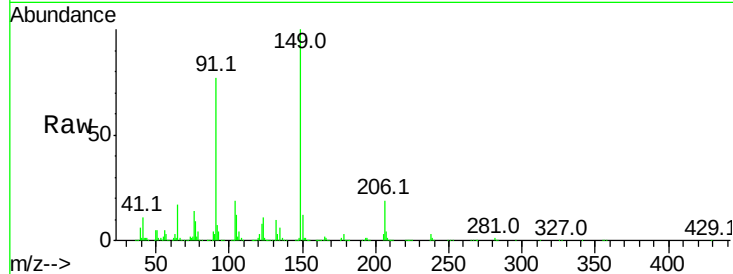
#79  
Butylbenzylphthalate  
Concen: 51.830 ng  
RT: 20.89 min Scan# 2992  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 77.0  | 50.1  | 75.1# |
| 206     | 18.7  | 16.2  | 24.2  |

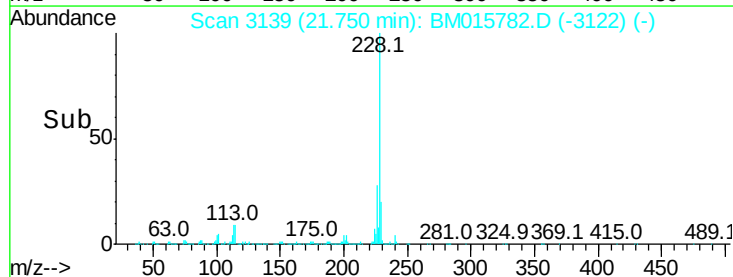
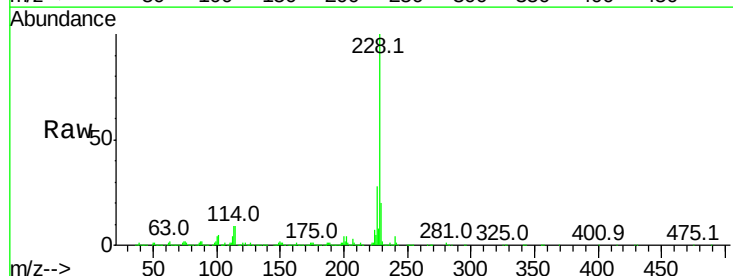
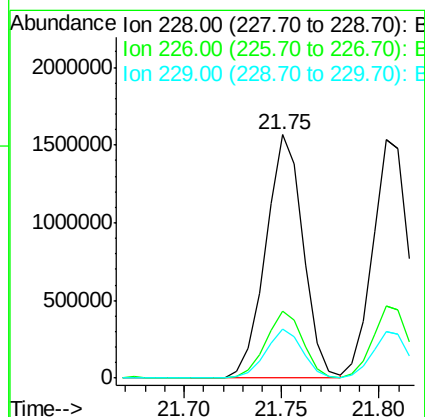
Manual Integrations  
APPROVED

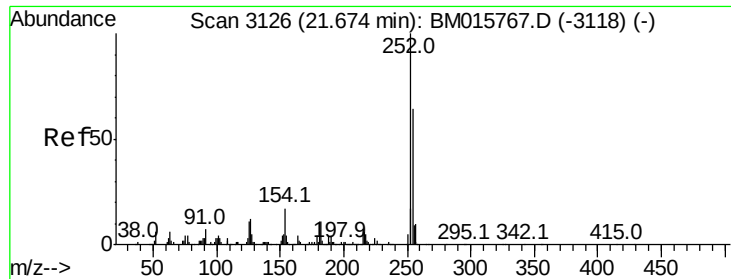
Sohil  
7/6/2018 5:21:49 PM



#80  
Benzo(a)anthracene  
Concen: 49.534 ng  
RT: 21.75 min Scan# 3139  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.6  | 21.7  | 32.5  |
| 229     | 20.0  | 16.0  | 24.0  |





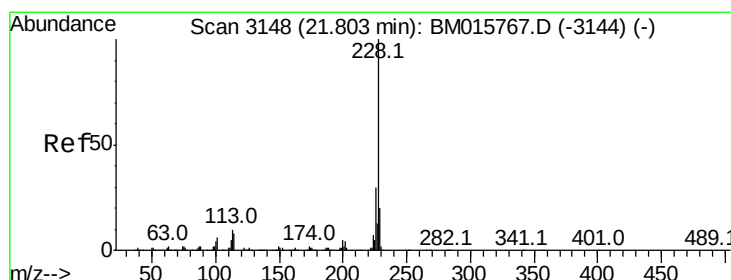
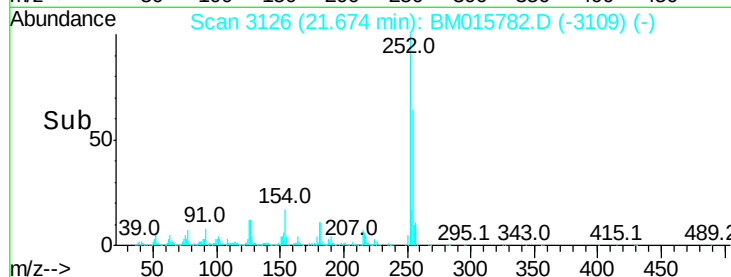
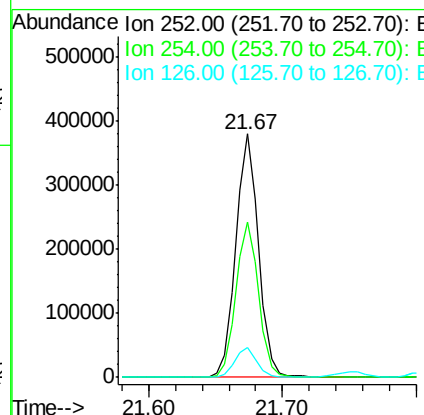
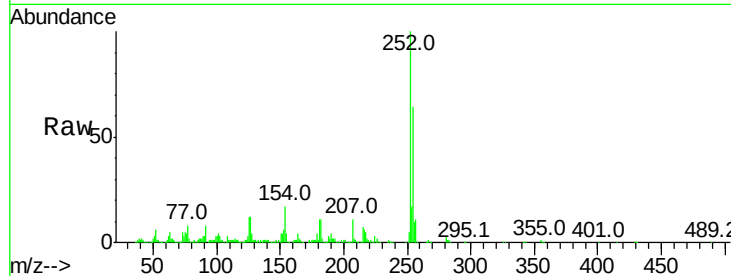
#81  
 3,3'-Dichlorobenzidine  
 Concen: 30.150 ng  
 RT: 21.67 min Scan# 3126  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.8  | 51.9  | 77.9  |
| 126     | 12.1  | 9.8   | 14.8  |

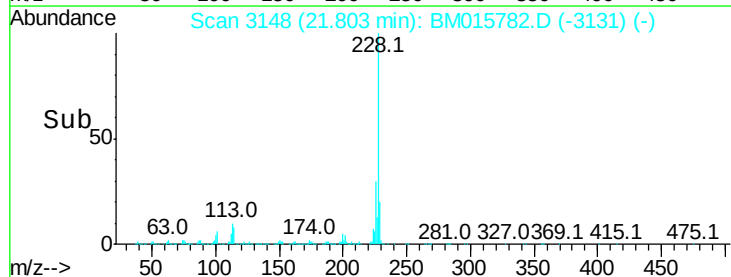
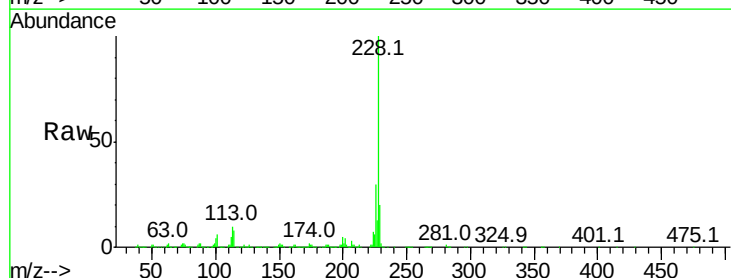
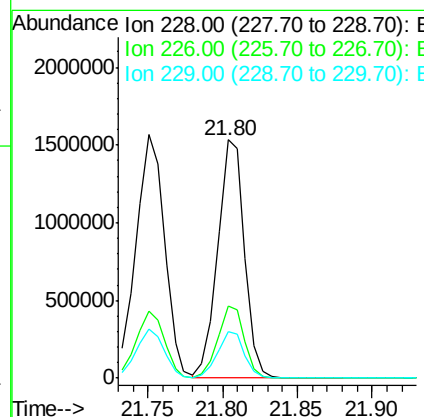
Manual Integrations  
 APPROVED

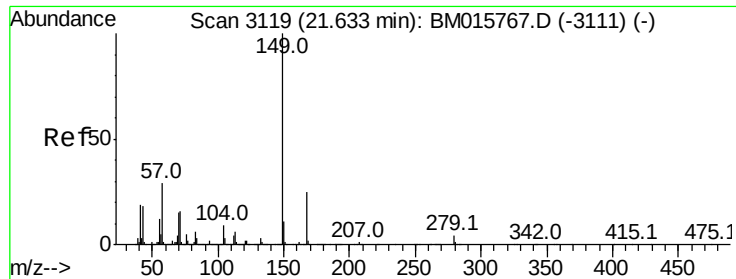
Sohil  
 7/6/2018 5:21:49 PM



#82  
 Chrysene  
 Concen: 49.235 ng  
 RT: 21.80 min Scan# 3148  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 24.1  | 36.1  |
| 229     | 19.7  | 15.5  | 23.3  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.137 ng

RT: 21.63 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

Instrument :

BNA\_M

ClientSampleId :

PB110812BS

Tot Ion:149 Resp: 1471890

Ion Ratio Lower Upper

149 100

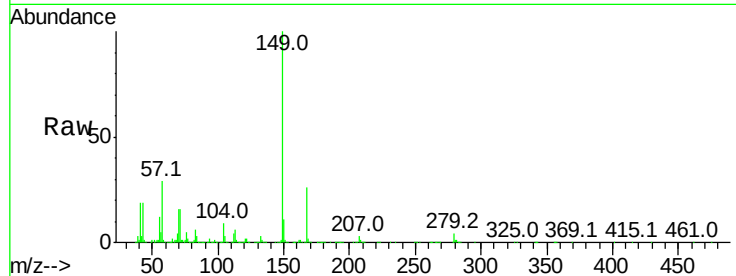
167 25.8 22.4 33.6

279 3.9 3.4 5.0

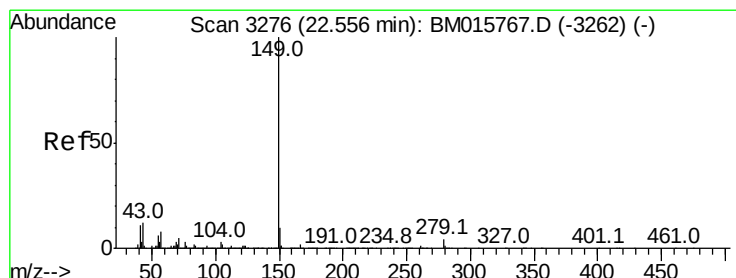
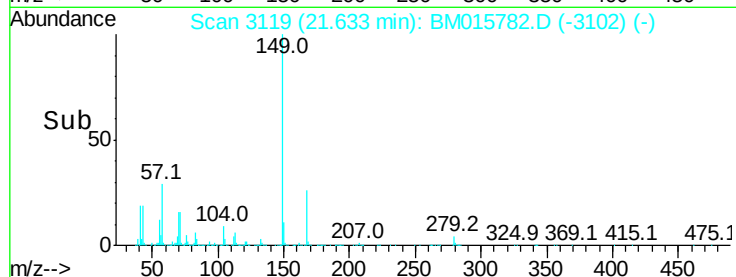
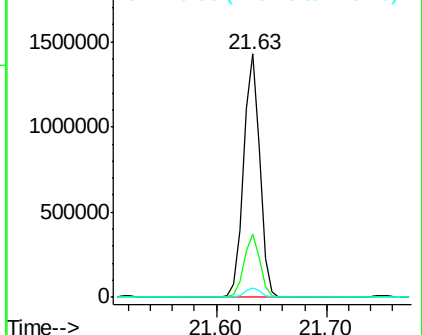
Manual Integrations  
APPROVED

Sohil

7/6/2018 5:21:49 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.511 ng

RT: 22.56 min Scan# 3276

Delta R.T. -0.00 min

Lab File: BM015782.D

Acq: 06 Jul 2018 00:15

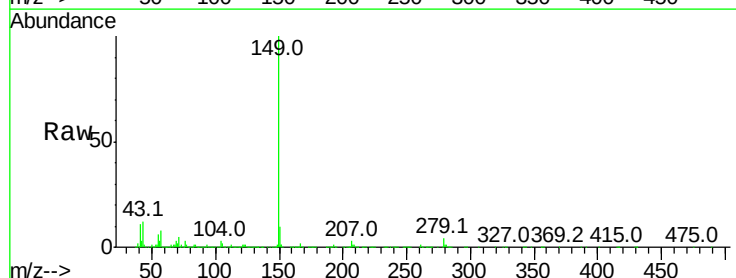
Tgt Ion:149 Resp: 2322173

Ion Ratio Lower Upper

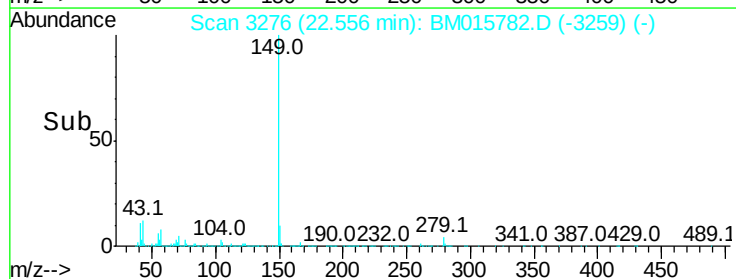
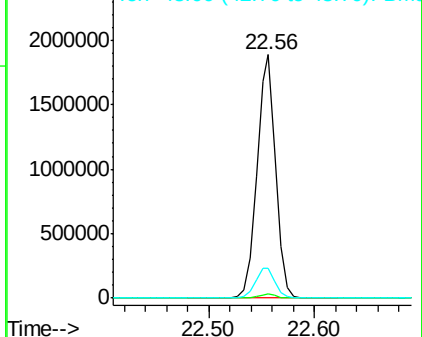
149 100

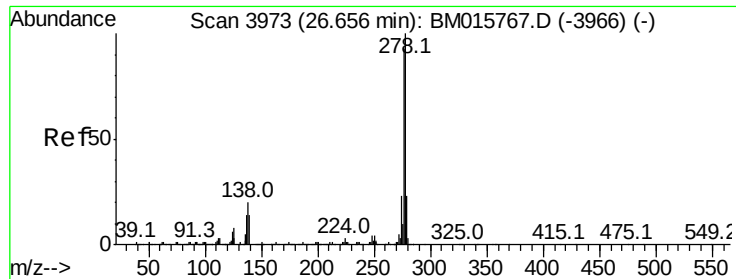
167 1.6 1.2 1.8

43 12.8 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BM0





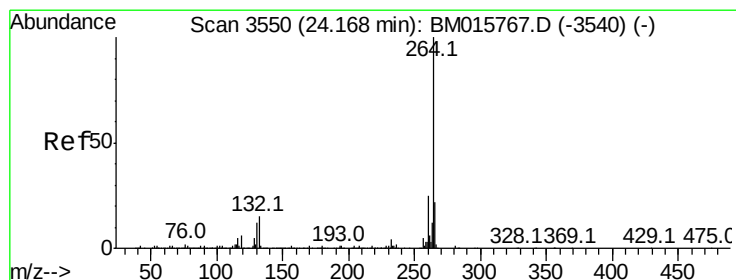
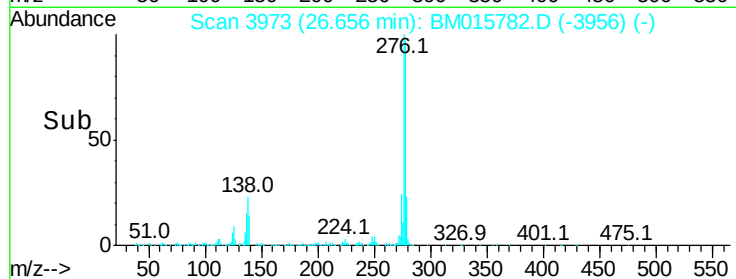
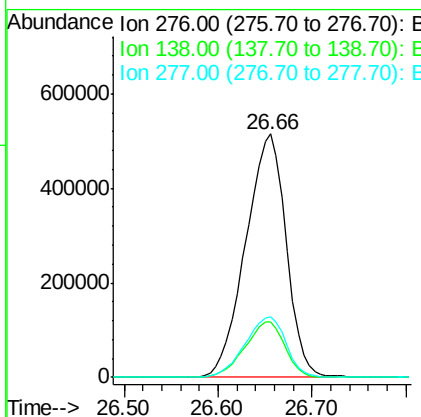
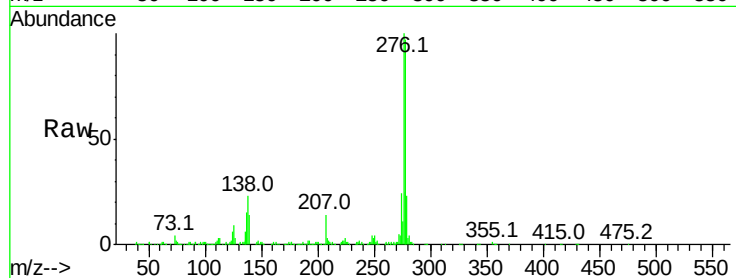
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.468 ng  
 RT: 26.66 min Scan# 3973  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.4  | 12.0  | 18.0# |
| 277     | 25.3  | 20.0  | 30.0  |

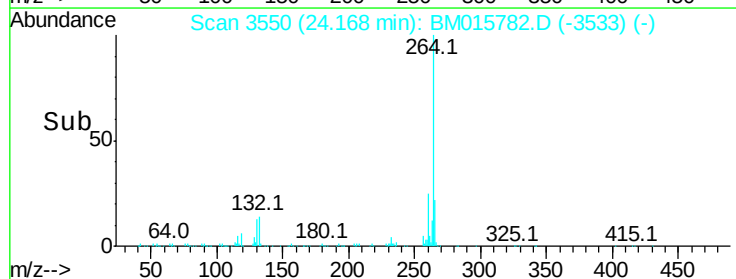
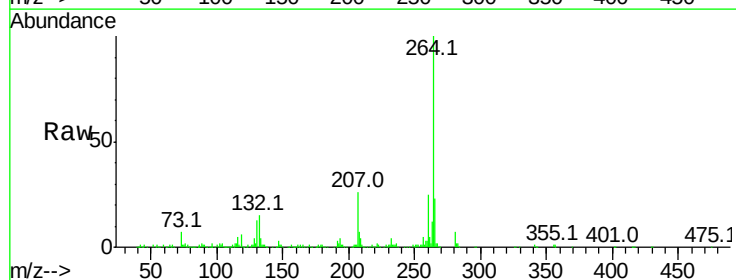
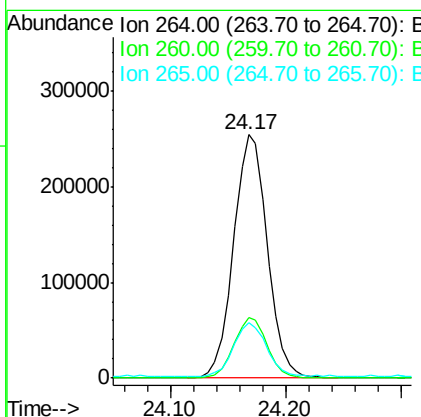
Manual Integrations  
 APPROVED

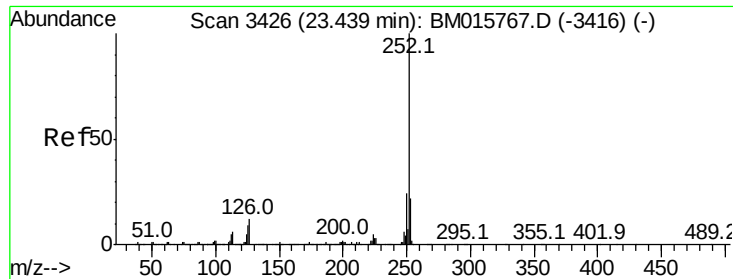
Sohil  
 7/6/2018 5:21:49 PM



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.17 min Scan# 3550  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.0  | 18.6  | 27.8  |
| 265     | 22.6  | 17.3  | 25.9  |





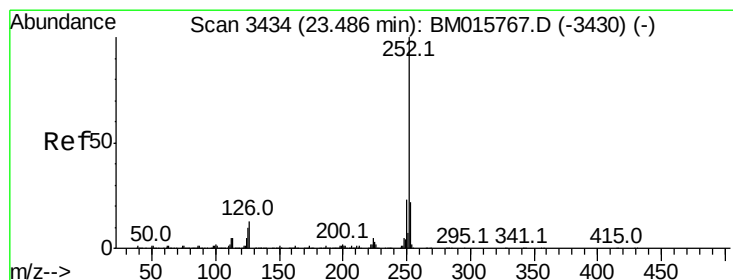
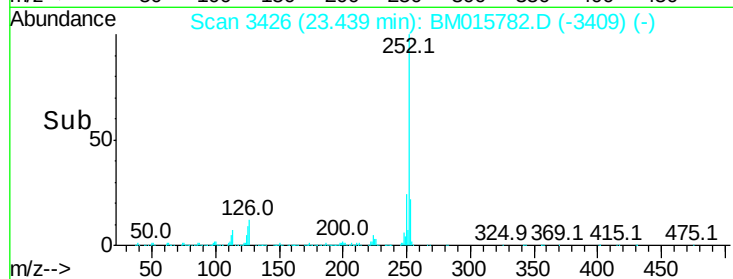
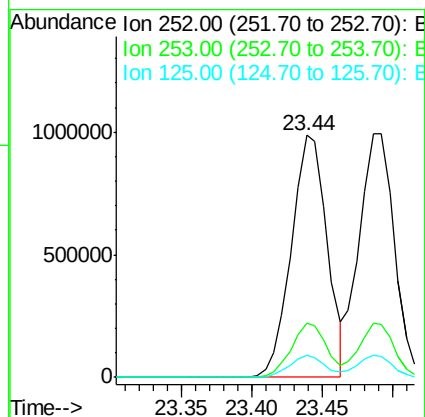
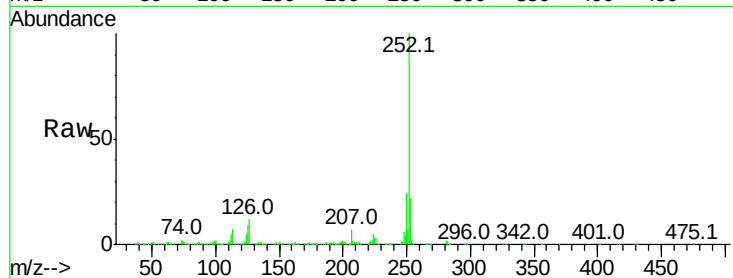
#87  
Benzo(b)fluoranthene  
Concen: 50.593 ng  
RT: 23.44 min Scan# 3426  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.0  | 27.0  |
| 125     | 9.2   | 9.9   | 14.9  |

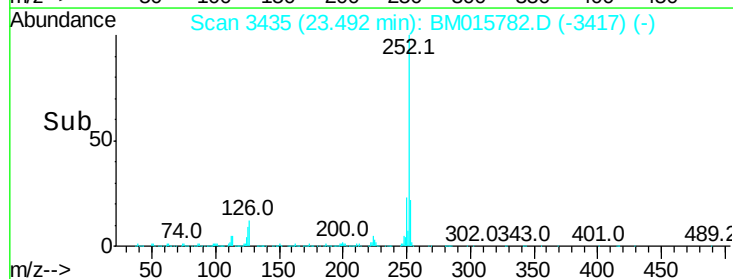
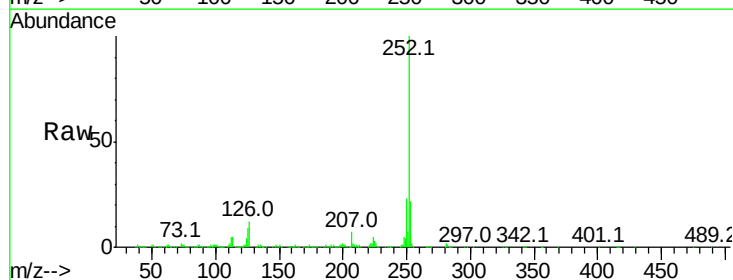
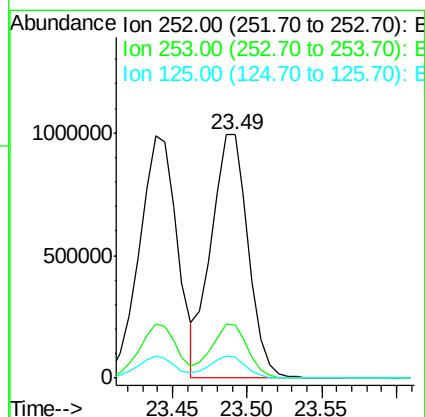
Manual Integrations  
APPROVED

Sohil  
7/6/2018 5:21:49 PM

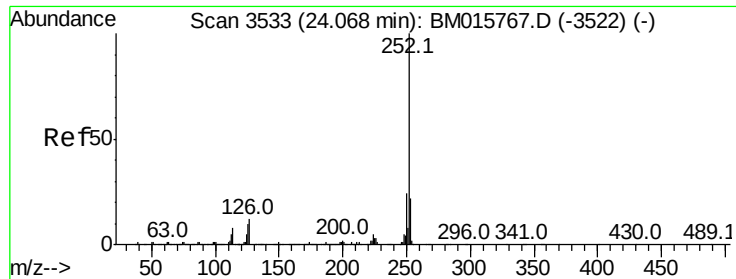


#88  
Benzo(k)fluoranthene  
Concen: 51.268 ng  
RT: 23.49 min Scan# 3435  
Delta R.T. 0.01 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.2  | 25.8  |
| 125     | 8.6   | 8.1   | 12.1  |







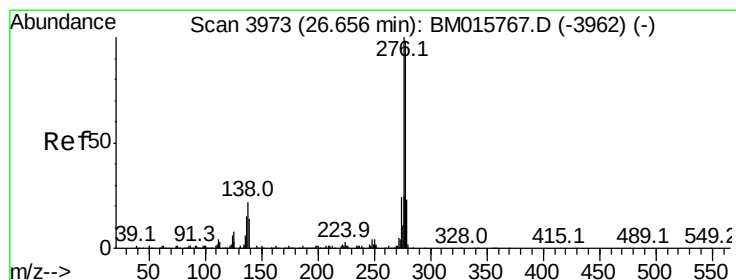
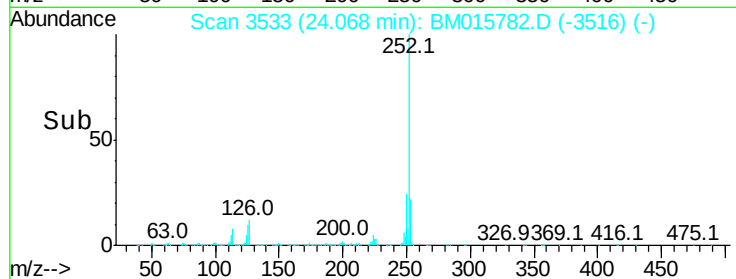
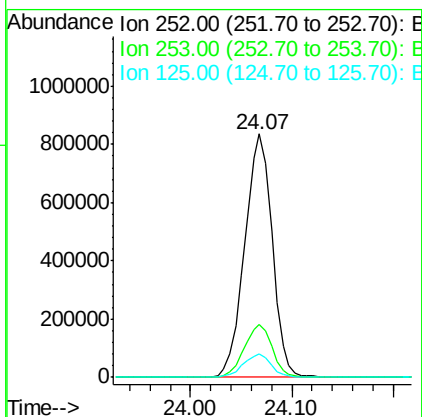
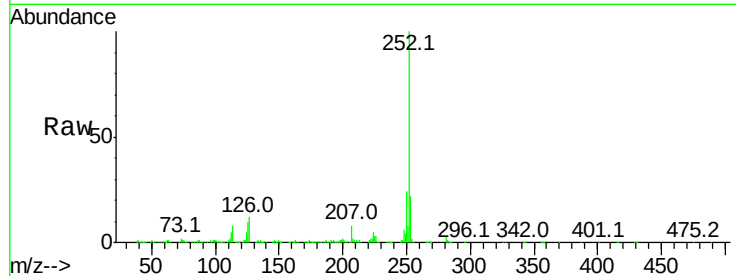
#89  
Benzo(a)pyrene  
Concen: 52.126 ng  
RT: 24.07 min Scan# 3533  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.6  | 26.4  |
| 125     | 9.7   | 7.4   | 11.2  |

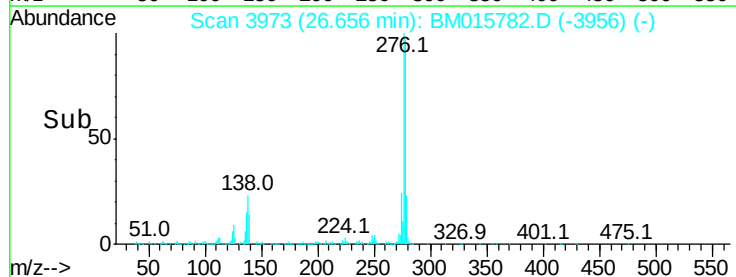
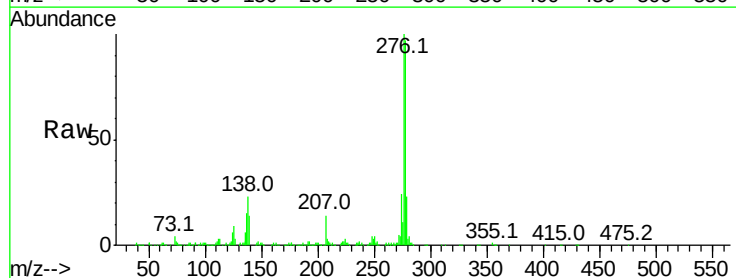
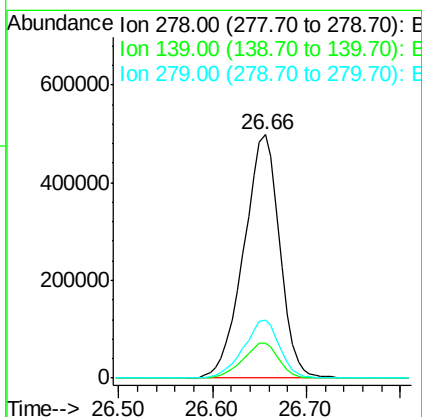
Manual Integrations  
APPROVED

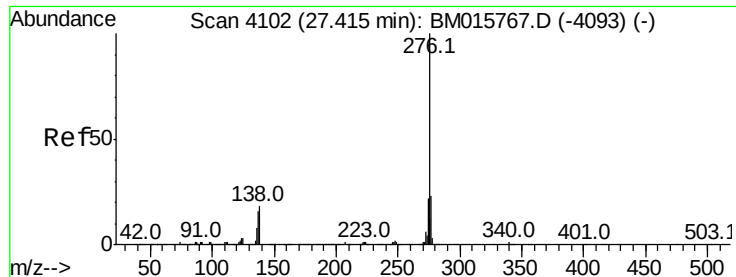
Sohil  
7/6/2018 5:21:49 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 48.457 ng  
RT: 26.66 min Scan# 3973  
Delta R.T. -0.00 min  
Lab File: BM015782.D  
Acq: 06 Jul 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.3  | 13.4  | 20.0  |
| 279     | 24.0  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 49.917 ng  
 RT: 27.41 min Scan# 4102  
 Delta R.T. -0.00 min  
 Lab File: BM015782.D  
 Acq: 06 Jul 2018 00:15

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB110812BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 18.5  | 27.7  |
| 138     | 18.8  | 19.0  | 28.6  |

Manual Integrations  
 APPROVED

Sohil  
 7/6/2018 5:21:49 PM

