

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\  
 Data File : BM017618.D  
 Acq On : 12 Nov 2018 18:20  
 Operator : MJ/SJ  
 Sample : PB114669BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114669BS

Manual Integrations  
 APPROVED

Sohil  
 11/13/2018 2:25:32 PM

Quant Time: Nov 13 03:33:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 18:37:25 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 215209   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.39 | 136  | 888271   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.26 | 164  | 506916   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.02 | 188  | 1136894  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.22 | 240  | 1156988  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.41 | 264  | 992974   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.25  | 112 | 1868332 | 146.51 | ng | 0.00 |
| 7) Phenol-d6             | 6.81  | 99  | 2451488 | 137.65 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.77  | 82  | 1190259 | 69.18  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.76 | 330 | 1020763 | 140.14 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.87 | 172 | 2720538 | 69.63  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.66 | 244 | 4213957 | 82.55  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.23  | 88  | 241711  | 45.512 | ng | 98     |
| 3) Pyridine                    | 3.61  | 79  | 587397  | 37.706 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.53  | 42  | 311326  | 45.367 | ng | 98     |
| 6) Aniline                     | 6.96  | 93  | 810802  | 36.711 | ng | 100    |
| 8) 2-Chlorophenol              | 7.19  | 128 | 678823  | 44.480 | ng | 100    |
| 9) Benzaldehyde                | 6.77  | 77  | 397948  | 30.673 | ng | 98     |
| 10) Phenol                     | 6.83  | 94  | 841750  | 45.028 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.06  | 93  | 589286  | 39.931 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.50  | 146 | 690420  | 40.323 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.65  | 146 | 712185  | 40.580 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.96  | 146 | 681025  | 40.019 | ng | 99     |
| 15) Benzyl Alcohol             | 7.86  | 79  | 604301  | 42.606 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.15  | 45  | 894825  | 39.825 | ng | 99     |
| 17) 2-Methylphenol             | 8.06  | 107 | 564337  | 44.812 | ng | 98     |
| 18) Hexachloroethane           | 8.67  | 117 | 257538  | 41.636 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.43  | 70  | 509572  | 39.847 | ng | 100    |
| 20) 3+4-Methylphenols          | 8.39  | 107 | 764598  | 43.698 | ng | 99     |
| 22) Acetophenone               | 8.44  | 105 | 970995  | 43.798 | ng | 98     |
| 24) Nitrobenzene               | 8.82  | 77  | 754011  | 43.192 | ng | 99     |
| 25) Isophorone                 | 9.33  | 82  | 1317615 | 49.580 | ng | 99     |
| 26) 2-Nitrophenol              | 9.52  | 139 | 357491  | 44.458 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.58  | 122 | 617154  | 53.255 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.82  | 93  | 830362  | 46.134 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.05 | 162 | 645855  | 48.010 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.25 | 180 | 675750  | 43.189 | ng | 99     |
| 31) Naphthalene                | 10.44 | 128 | 2038806 | 46.683 | ng | 99     |
| 32) Benzoic acid               | 9.75  | 122 | 418836m | 39.898 | ng |        |
| 33) 4-Chloroaniline            | 10.56 | 127 | 475687  | 24.871 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.72 | 225 | 399222  | 41.100 | ng | 98     |
| 35) Caprolactam                | 11.36 | 113 | 196758m | 39.716 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.69 | 107 | 701655  | 45.176 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.06 | 142 | 1503440 | 48.707 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.28 | 142 | 1442541 | 47.663 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216 | 769193  | 43.031 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\  
 Data File : BM017618.D  
 Acq On : 12 Nov 2018 18:20  
 Operator : MJ/SJ  
 Sample : PB114669BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114669BS

Manual Integrations  
 APPROVED

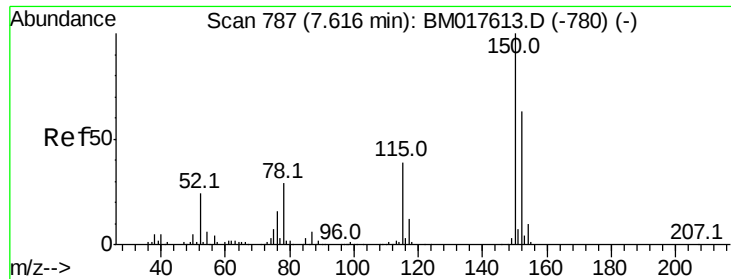
Sohil  
 11/13/2018 2:25:32 PM

Quant Time: Nov 13 03:33:27 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 18:37:25 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.40 | 237  | 1062850  | 115.068 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.68 | 196  | 527515   | 47.114  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.75 | 196  | 564795   | 47.775  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.09 | 154  | 1916905  | 42.128  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.13 | 162  | 1499803  | 44.408  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.35 | 65   | 469240   | 44.927  | ng    | 98       |
| 49) Acenaphthylene             | 13.98 | 152  | 2438343  | 48.053  | ng    | 100      |
| 50) Dimethylphthalate          | 13.73 | 163  | 1847711  | 44.832  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.85 | 165  | 415599   | 45.285  | ng    | 95       |
| 52) Acenaphthene               | 14.33 | 154  | 1405733  | 45.141  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.19 | 138  | 307393   | 30.765  | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.40 | 184  | 509680   | 89.990  | ng    | 98       |
| 55) Dibenzofuran               | 14.66 | 168  | 2281283  | 44.827  | ng    | 100      |
| 56) 4-Nitrophenol              | 14.50 | 139  | 708813   | 84.123  | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.65 | 165  | 577170   | 46.655  | ng    | 100      |
| 58) Fluorene                   | 15.32 | 166  | 1850602  | 47.500  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.89 | 232  | 526518   | 48.422  | ng    | 99       |
| 60) Diethylphthalate           | 15.10 | 149  | 1897322  | 42.607  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.32 | 204  | 946047   | 42.740  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.36 | 138  | 406277   | 43.144  | ng    | 99       |
| 63) Azobenzene                 | 15.61 | 77   | 1832399  | 44.512  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.41 | 198  | 334472   | 42.468  | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.54 | 169  | 1628987  | 44.566  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.21 | 248  | 586787   | 43.640  | ng    | 96       |
| 68) Hexachlorobenzene          | 16.32 | 284  | 649869   | 42.873  | ng    | 99       |
| 69) Atrazine                   | 16.50 | 200  | 584451   | 43.473  | ng    | 98       |
| 70) Pentachlorophenol          | 16.67 | 266  | 815260   | 76.761  | ng    | 98       |
| 71) Phenanthrene               | 17.06 | 178  | 2889126  | 46.833  | ng    | 99       |
| 72) Anthracene                 | 17.15 | 178  | 2939051  | 48.960  | ng    | 100      |
| 73) Carbazole                  | 17.43 | 167  | 2628097  | 43.325  | ng    | 100      |
| 74) Di-n-butylphthalate        | 17.99 | 149  | 3143754  | 46.556  | ng    | 100      |
| 75) Fluoranthene               | 19.08 | 202  | 3280596  | 47.000  | ng    | 99       |
| 77) Benzidine                  | 19.28 | 184  | 2005975  | 53.243  | ng    | 100      |
| 78) Pyrene                     | 19.44 | 202  | 3387515  | 47.452  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.36 | 149  | 1384185  | 47.739  | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.20 | 228  | 3187319  | 47.817  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.14 | 252  | 786376   | 30.568  | ng    | 100      |
| 83) Chrysene                   | 21.25 | 228  | 2976127  | 45.970  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 1954930  | 45.608  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.01 | 149  | 3234782  | 47.130  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.60 | 276  | 2673529  | 51.678  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.76 | 252  | 2849349  | 48.998  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.80 | 252  | 2803312  | 47.695  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.32 | 252  | 2645539  | 49.895  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.61 | 278  | 2261053  | 50.723  | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.26 | 276  | 2163202  | 51.605  | ng    | 99       |

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





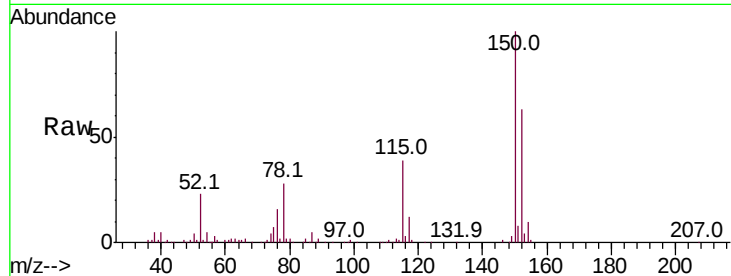
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.62 min Scan# 787  
 Delta R.T. 0.00 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.9 | 126.4 | 189.6 |
| 115     | 62.7  | 49.4  | 74.0  |

Manual Integrations  
 APPROVED

Sohil  
 11/13/2018 2:25:32 PM

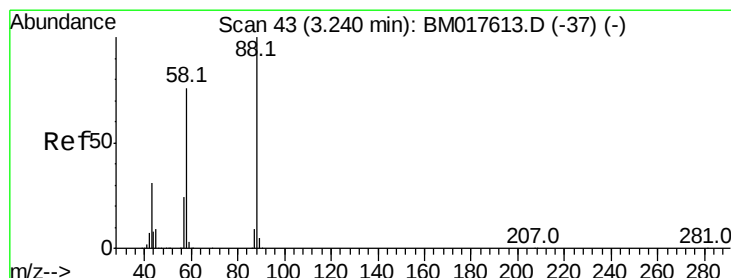
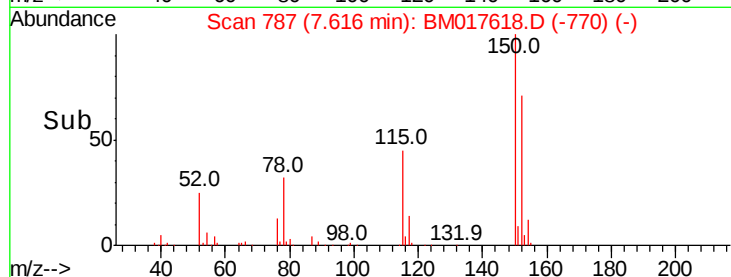
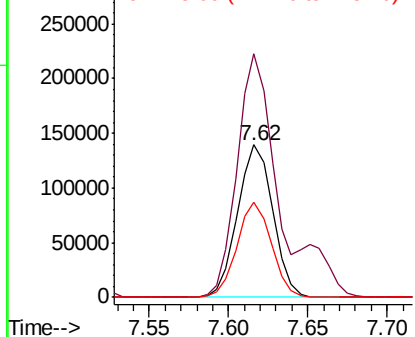


Abundance

Ion 152.00 (151.70 to 152.70): E

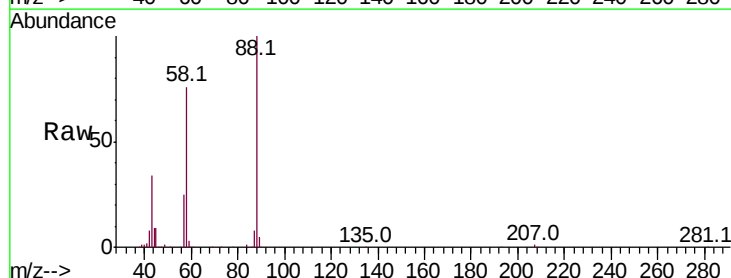
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2  
 1,4-Dioxane  
 Concen: 45.512 ng  
 RT: 3.23 min Scan# 42  
 Delta R.T. -0.01 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.3  | 62.0  | 93.0  |
| 43      | 32.2  | 26.8  | 40.2  |

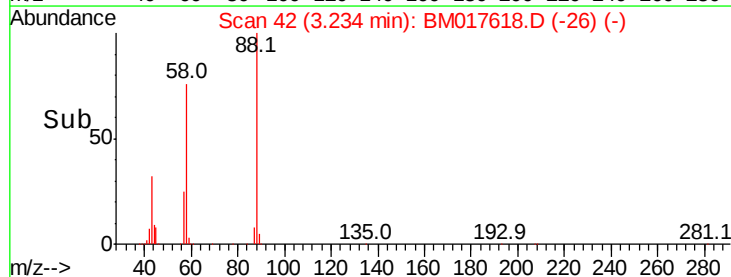
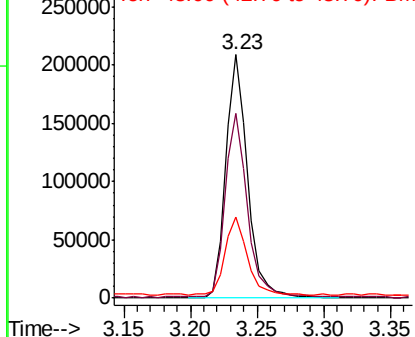


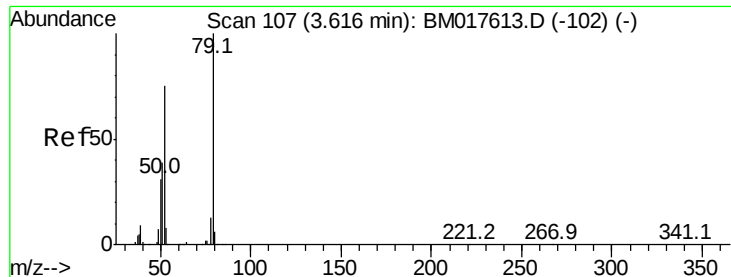
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 37.706 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

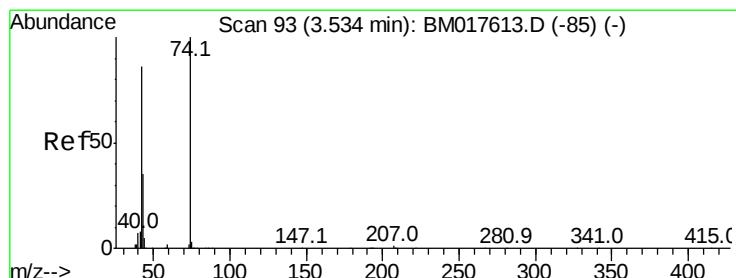
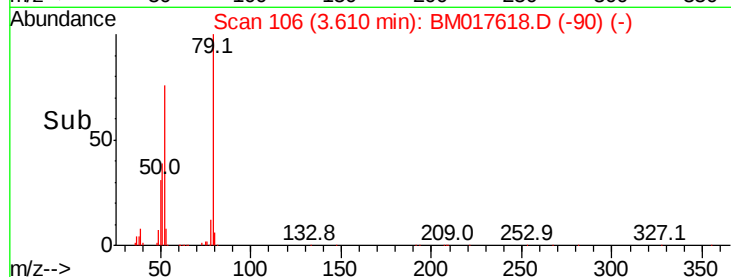
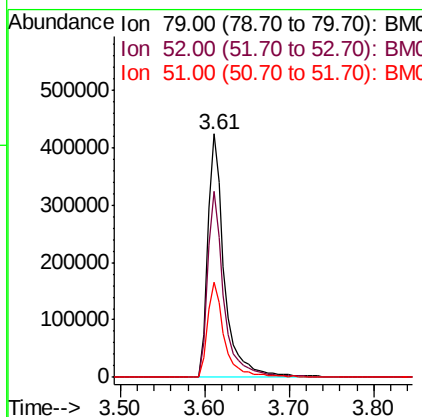
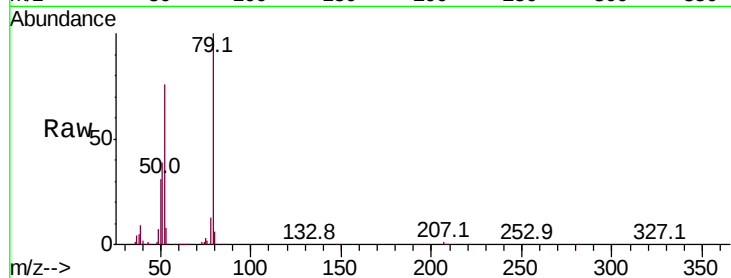
ClientSampleId :

PB114669BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 587397 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 76.2  | 60.1  | 90.1   |
| 51        | 39.1  | 31.1  | 46.7   |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM



#4

n-Nitrosodimethylamine

Concen: 45.367 ng

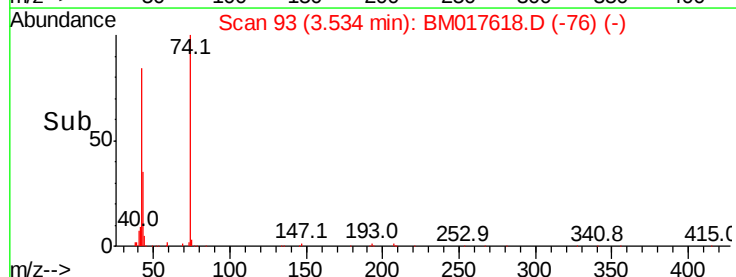
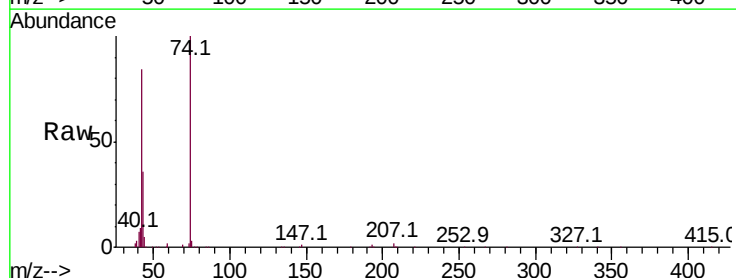
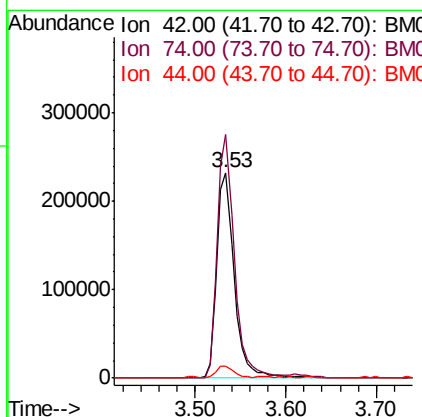
RT: 3.53 min Scan# 93

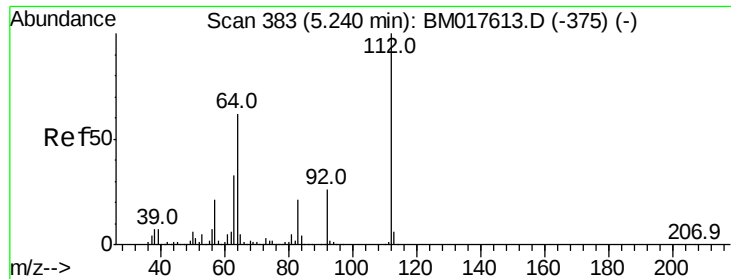
Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 311326 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 118.5 | 93.1  | 139.7  |
| 44        | 6.1   | 5.0   | 7.6    |





#5

2-Fluorophenol

Concen: 146.513 ng

RT: 5.25 min Scan# 384

Delta R.T. 0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

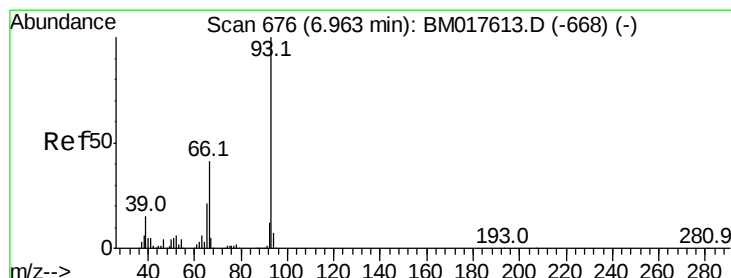
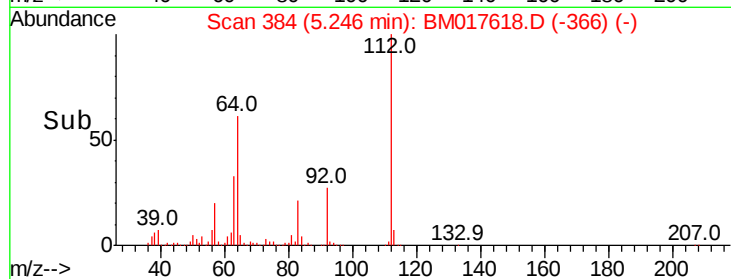
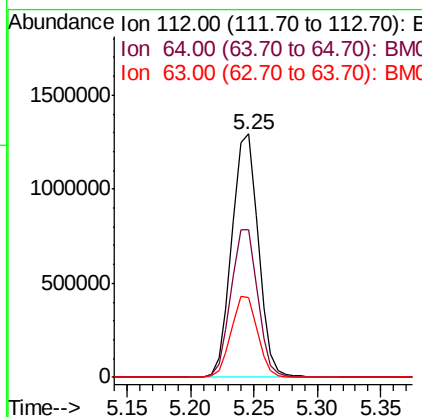
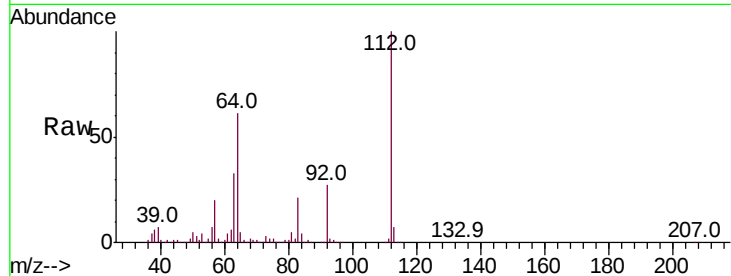
ClientSampleId :

PB114669BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1868332 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 60.6  | 49.3  | 73.9    |
| 63       | 32.7  | 26.2  | 39.4    |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM



#6

Aniline

Concen: 36.711 ng

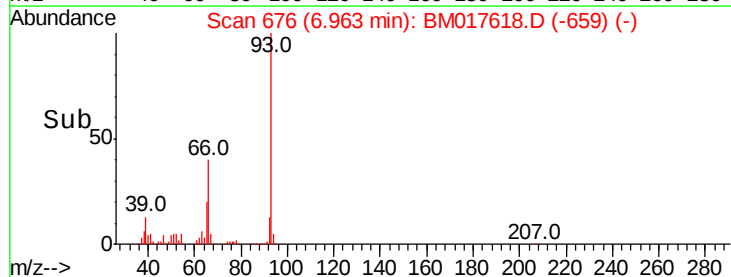
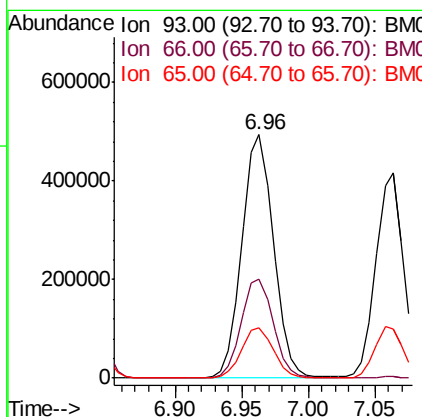
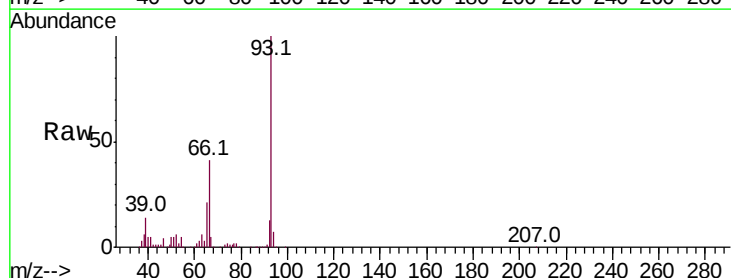
RT: 6.96 min Scan# 676

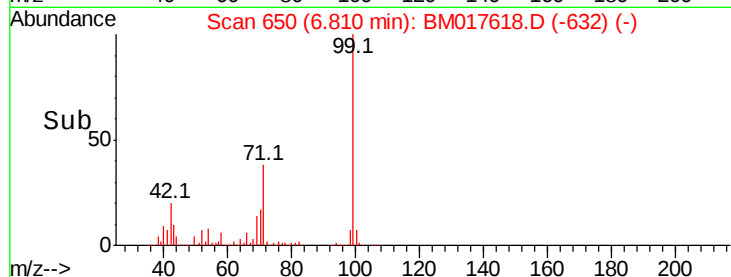
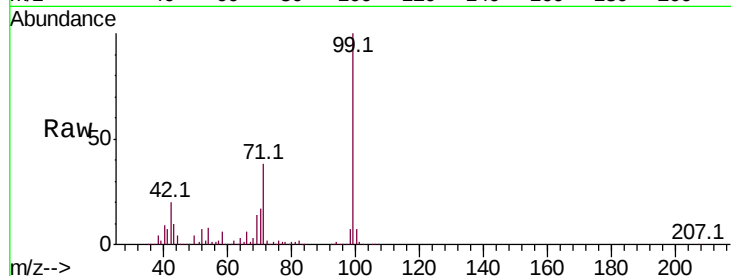
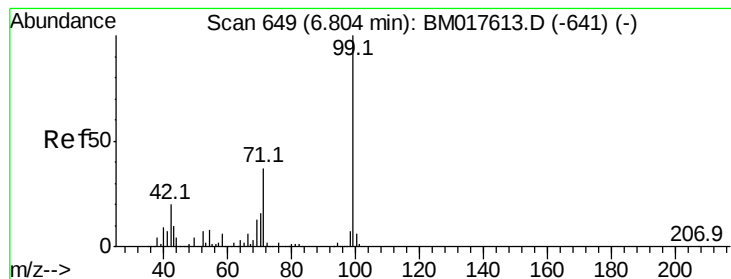
Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 810802 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 40.9  | 32.8  | 49.2   |
| 65       | 20.9  | 16.6  | 25.0   |





#7

Phenol-d6

Concen: 137.647 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Tot Ion: 99 Resp: 2451488

Ion Ratio Lower Upper

99 100

42 20.3 16.3 24.5

71 37.5 29.8 44.8

Instrument :

BNA\_M

ClientSampleId :

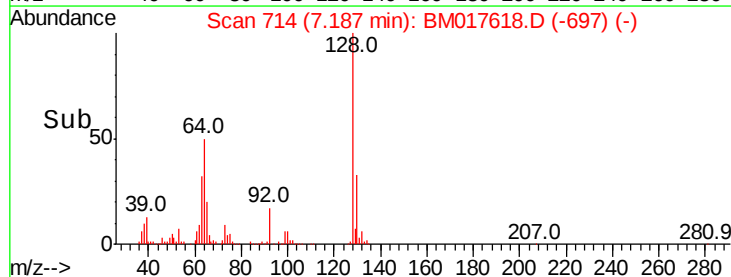
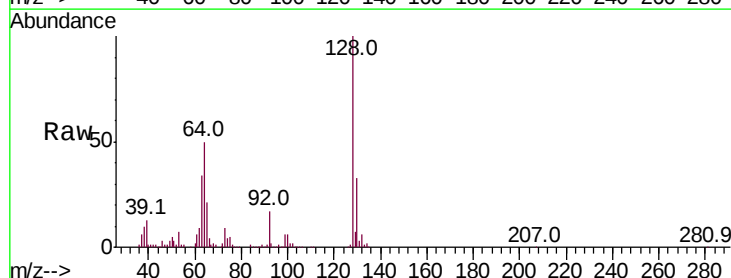
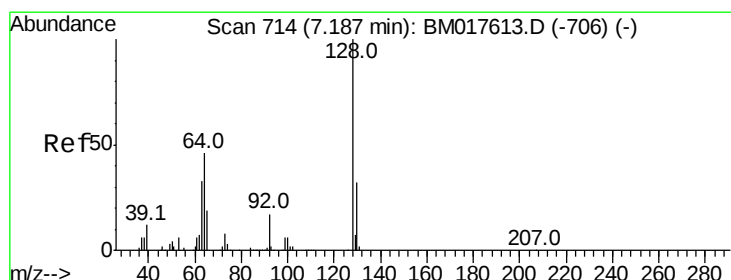
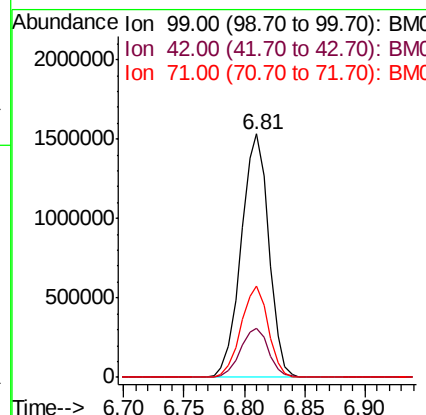
PB114669BS

Manual Integrations

APPROVED

Sohil

11/13/2018 2:25:32 PM



#8

2-Chlorophenol

Concen: 44.480 ng

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

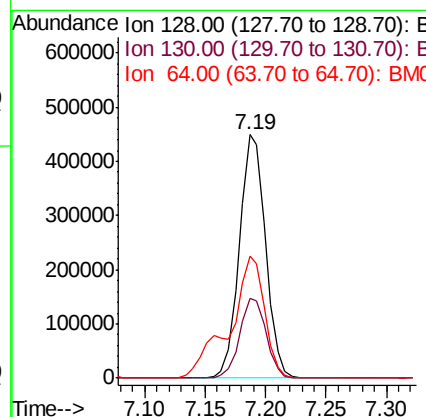
Tgt Ion:128 Resp: 678823

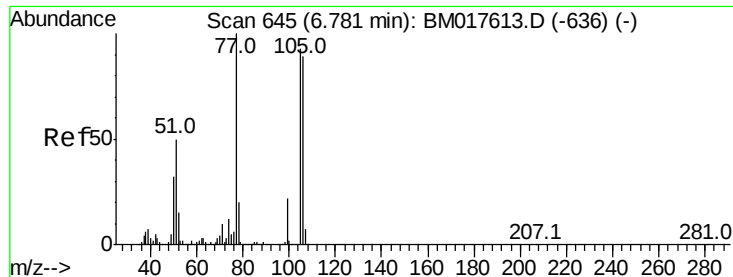
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 50.0 30.0 70.0





#9

Benzaldehyde

Concen: 30.673 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

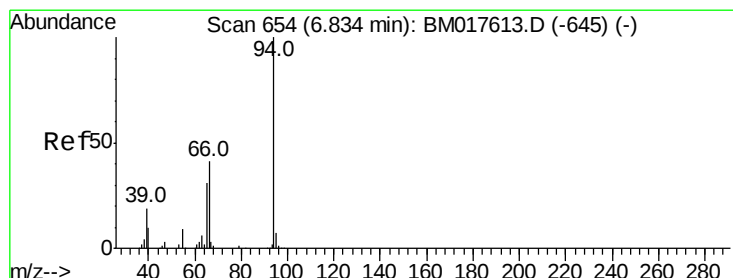
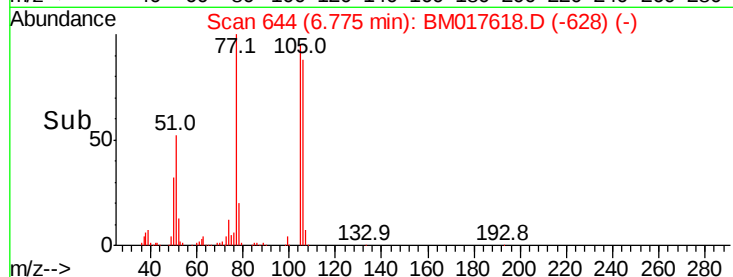
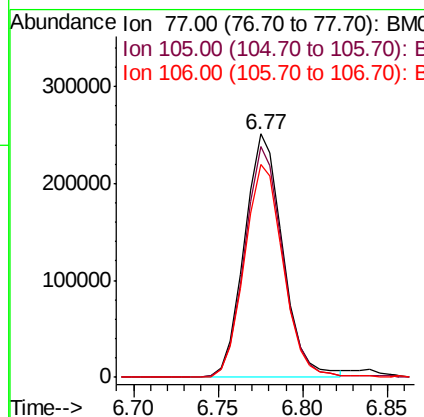
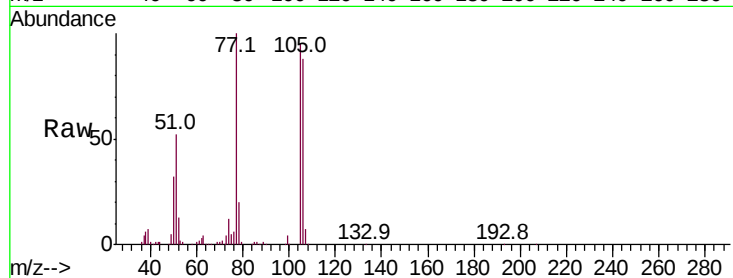
ClientSampleId :

PB114669BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 397948 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 94.8  | 72.7  | 112.7  |
| 106      | 87.5  | 68.9  | 108.9  |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM



#10

Phenol

Concen: 45.028 ng

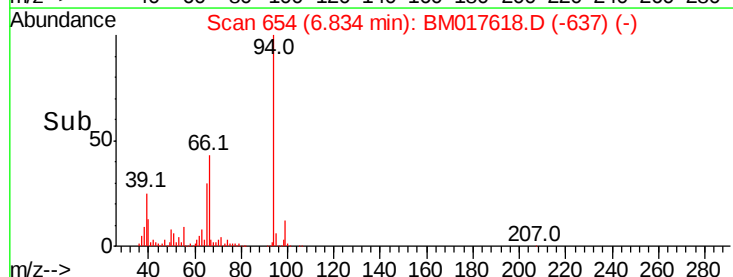
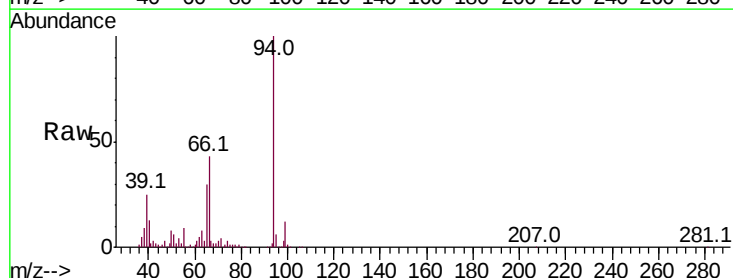
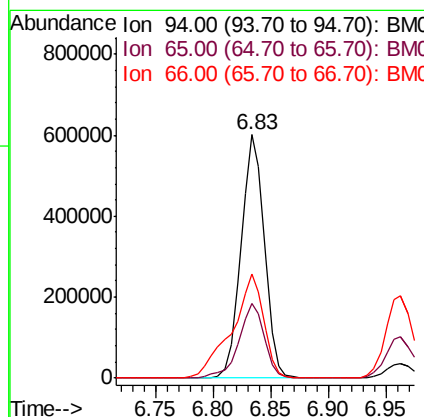
RT: 6.83 min Scan# 654

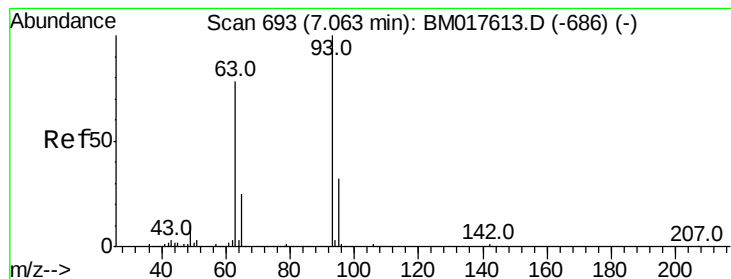
Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 841750 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.4  | 11.4  | 51.4   |
| 66       | 42.5  | 21.4  | 61.4   |





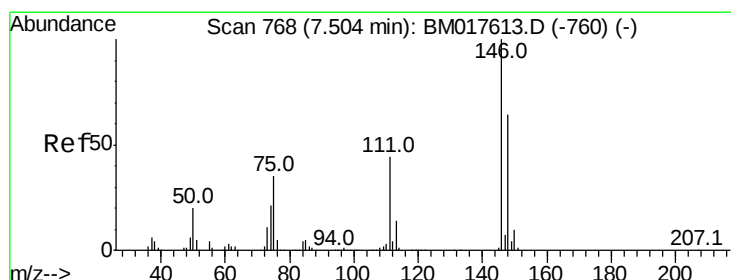
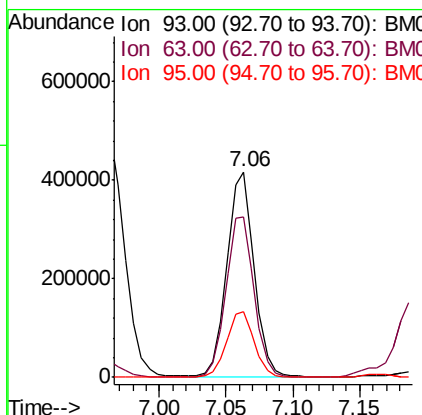
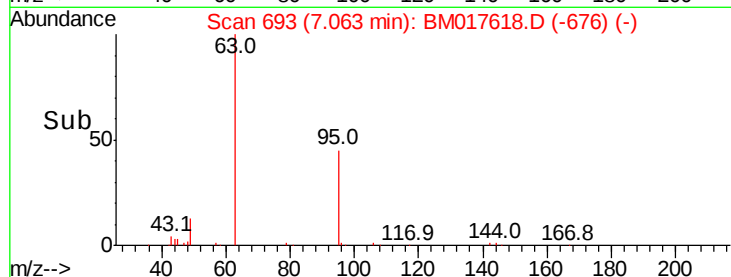
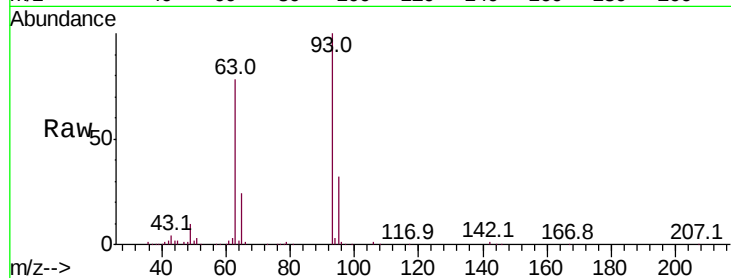
#11  
bis(2-Chloroethyl)ether  
Concen: 39.931 ng  
RT: 7.06 min Scan# 693  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 77.9  | 57.9  | 97.9  |
| 95      | 31.9  | 12.3  | 52.3  |

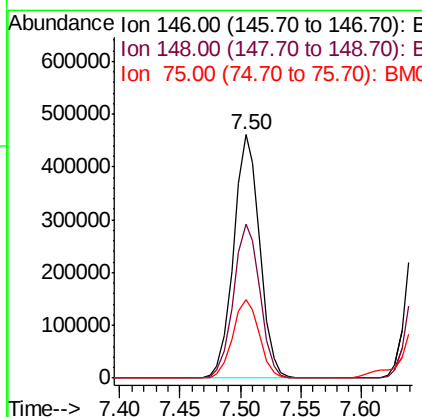
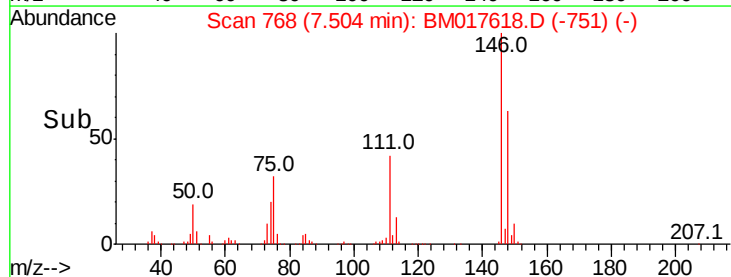
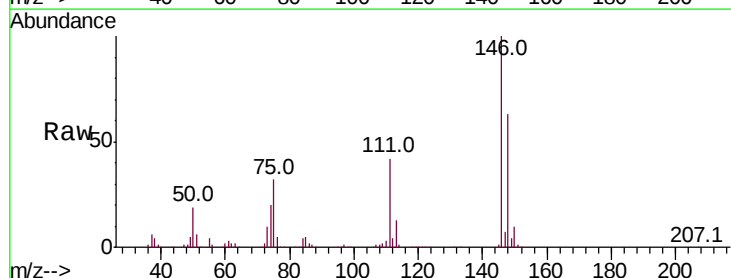
Manual Integrations  
APPROVED

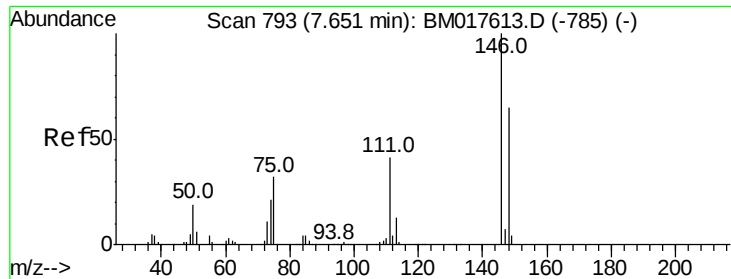
Sohil  
11/13/2018 2:25:32 PM



#12  
1,3-Dichlorobenzene  
Concen: 40.323 ng  
RT: 7.50 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 51.2  | 76.8  |
| 75      | 32.1  | 28.2  | 42.2  |





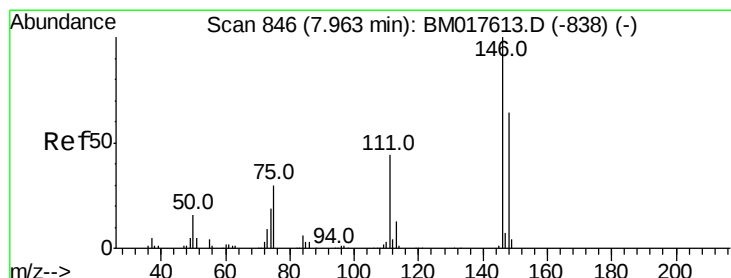
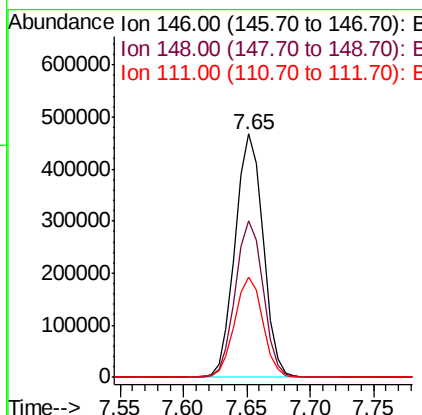
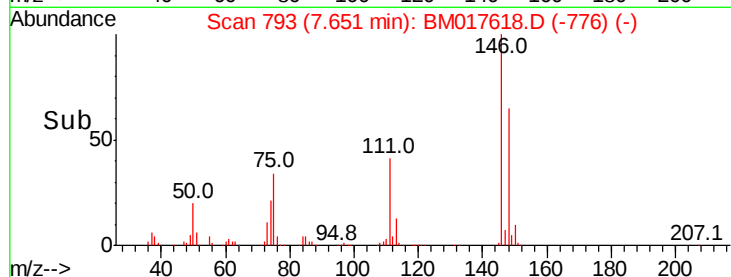
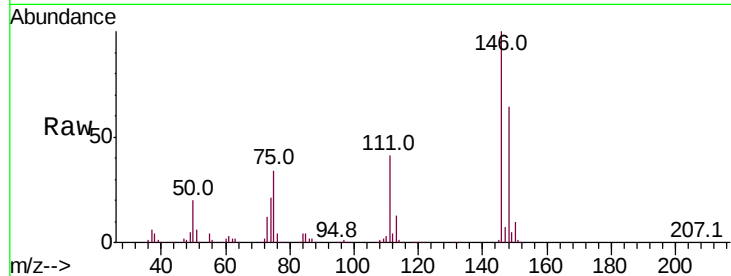
#13  
1,4-Dichlorobenzene  
Concen: 40.580 ng  
RT: 7.65 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 52.0  | 78.0  |
| 111     | 40.9  | 33.2  | 49.8  |

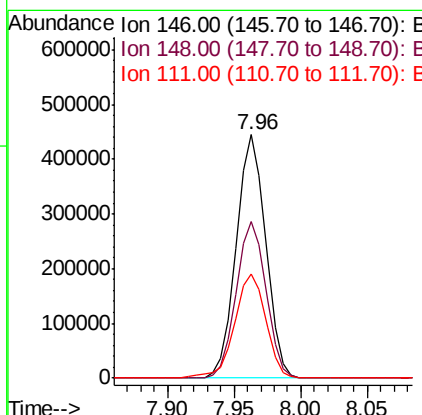
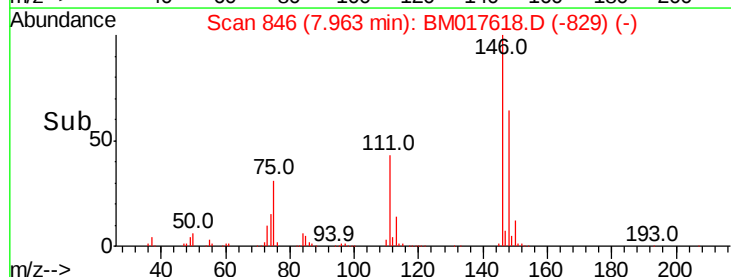
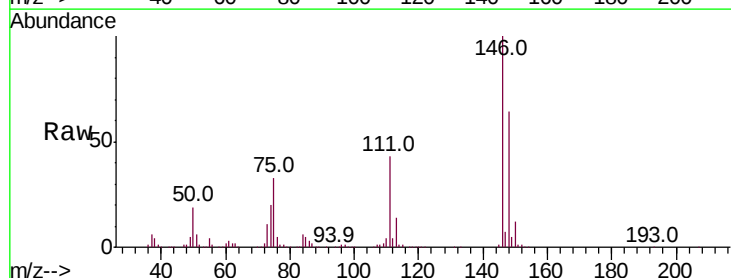
Manual Integrations  
APPROVED

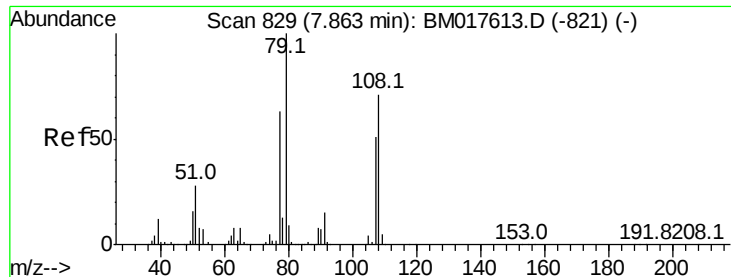
Sohil  
11/13/2018 2:25:32 PM



#14  
1,2-Dichlorobenzene  
Concen: 40.019 ng  
RT: 7.96 min Scan# 846  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 51.6  | 77.4  |
| 111     | 42.9  | 35.8  | 53.8  |





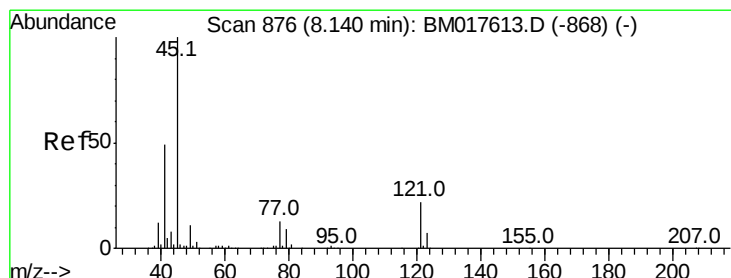
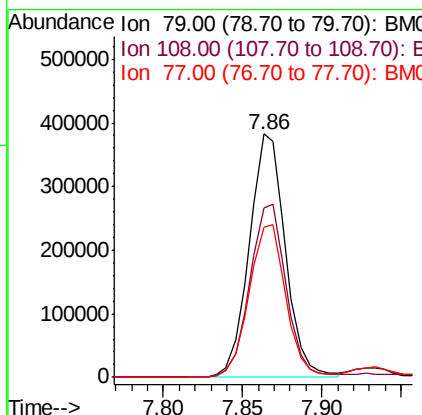
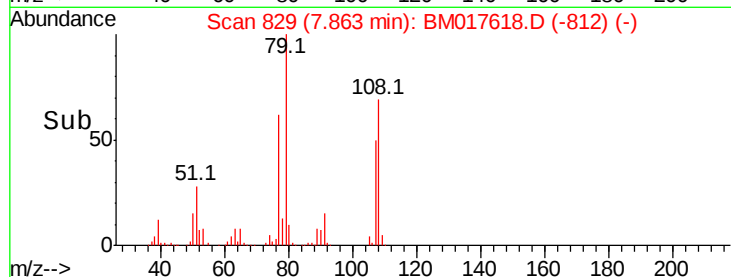
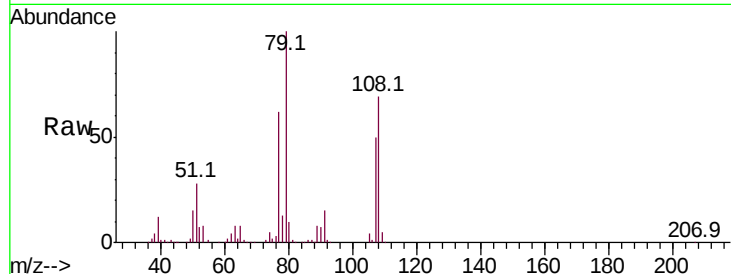
#15  
Benzyl Alcohol  
Concen: 42.606 ng  
RT: 7.86 min Scan# 829  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampled :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 69.3  | 57.1  | 85.7  |
| 77      | 61.8  | 50.4  | 75.6  |

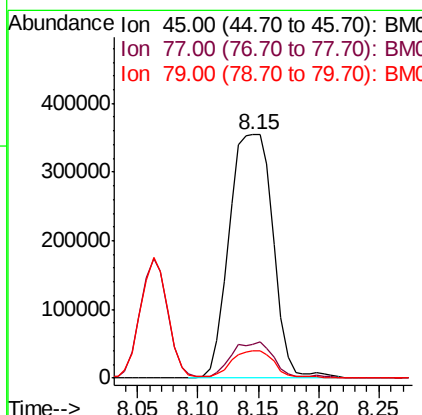
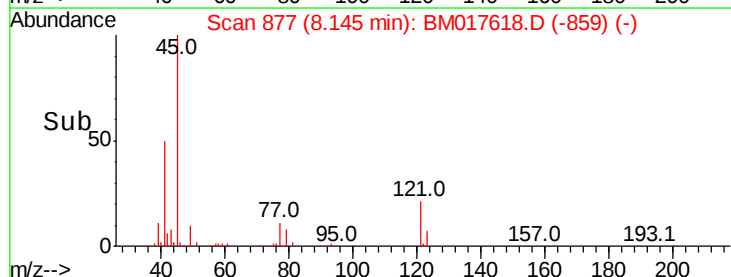
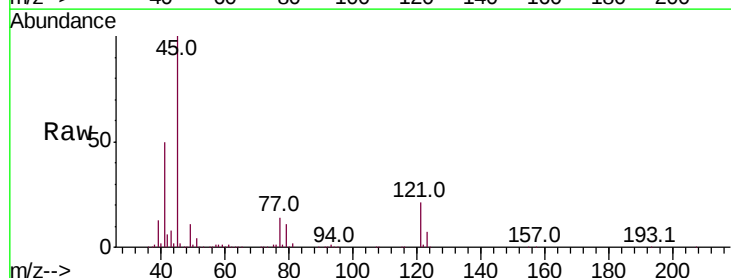
Manual Integrations  
APPROVED

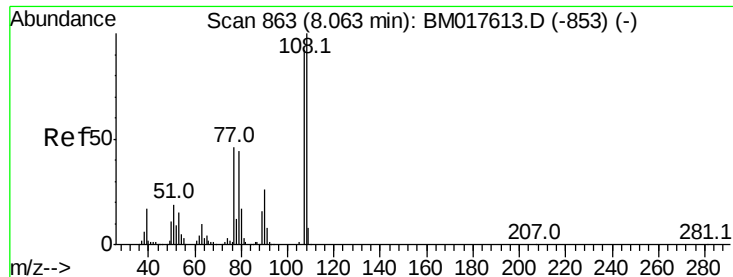
Sohil  
11/13/2018 2:25:32 PM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.825 ng  
RT: 8.15 min Scan# 877  
Delta R.T. 0.01 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.1  | 0.0   | 34.2  |
| 79      | 11.0  | 0.0   | 30.5  |





#17

2-Methylphenol

Concen: 44.812 ng

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

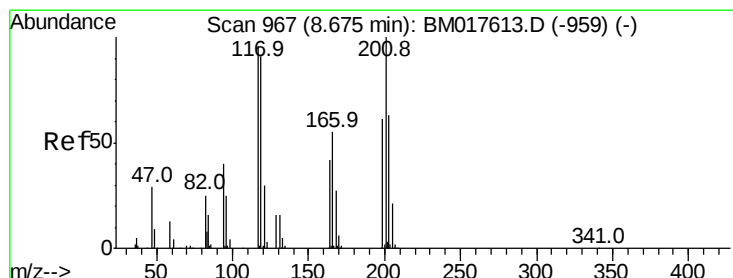
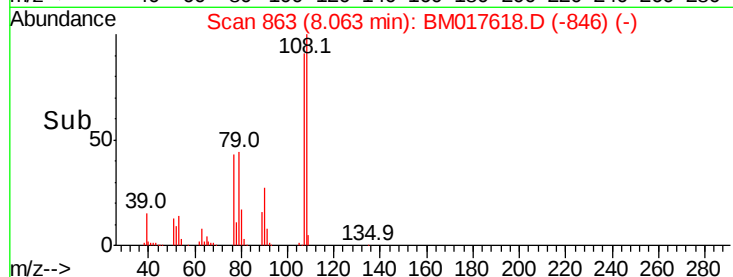
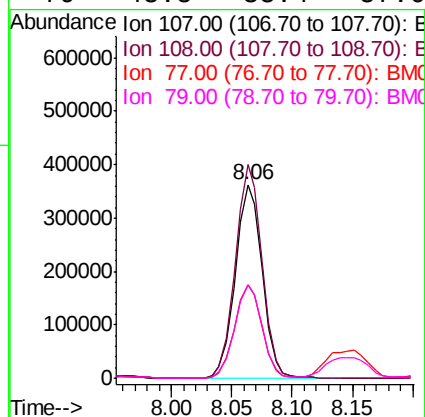
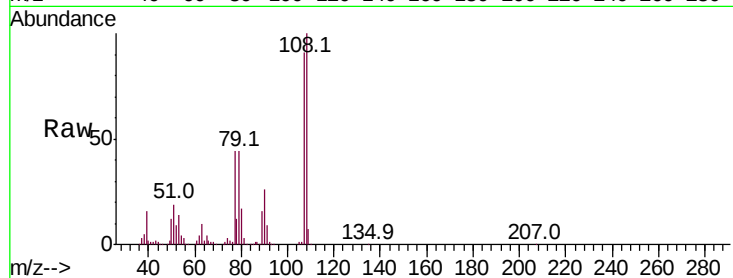
ClientSampleId :

PB114669BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.2 | 86.7 | 130.1 |       |
| 77      | 48.1  | 39.8 | 59.6  |       |
| 79      | 48.5  | 38.4 | 57.6  |       |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM



#18

Hexachloroethane

Concen: 41.636 ng

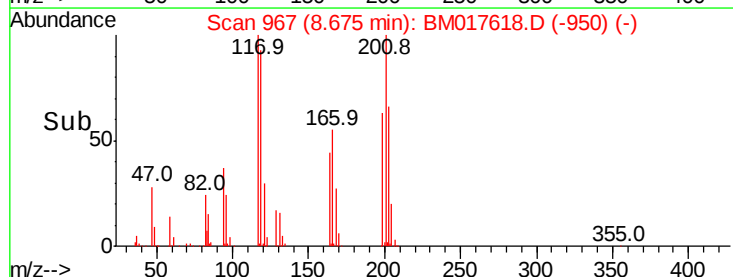
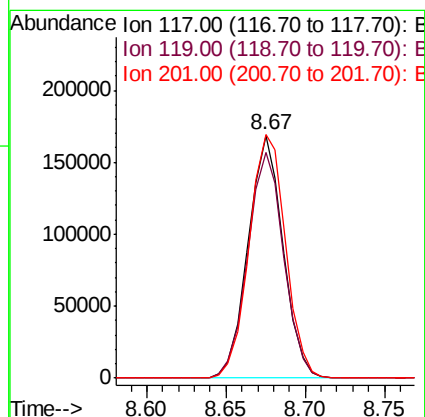
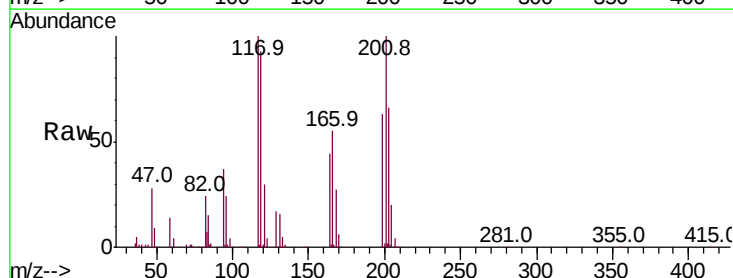
RT: 8.67 min Scan# 967

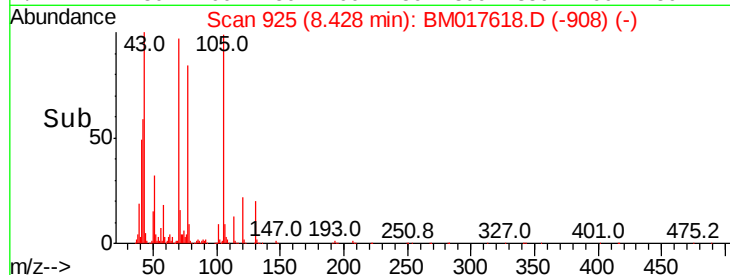
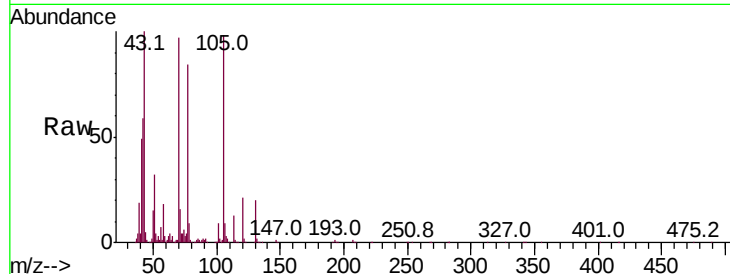
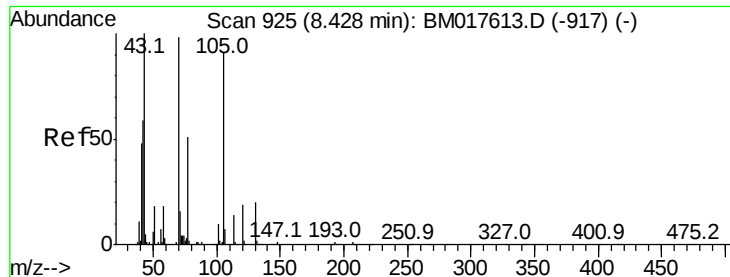
Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 93.1  | 75.8 | 113.8 |       |
| 201     | 100.5 | 83.0 | 124.4 |       |





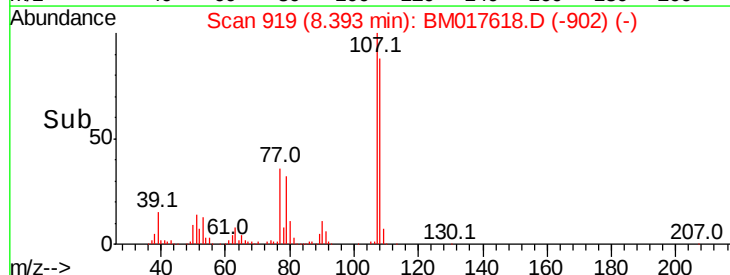
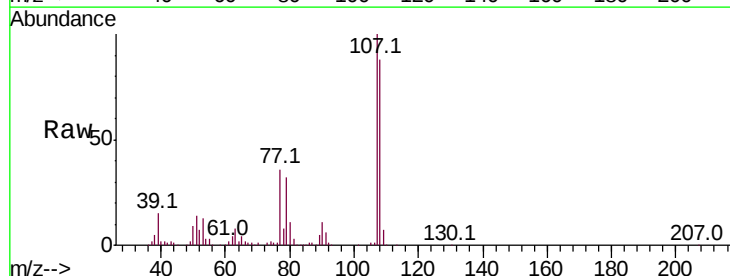
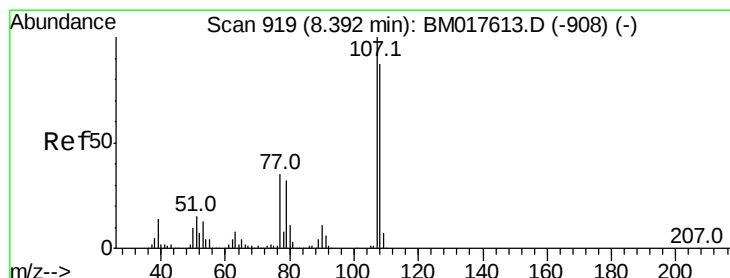
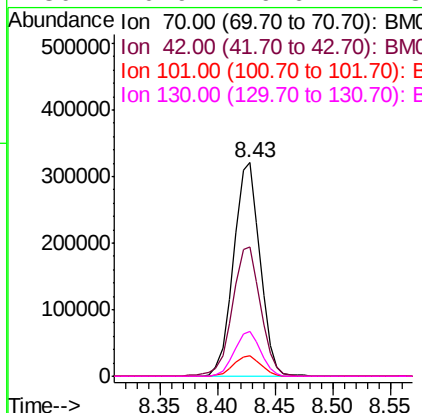
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.847 ng  
RT: 8.43 min Scan# 925  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampled :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 60.7  | 48.6  | 73.0  |
| 101     | 9.6   | 7.9   | 11.9  |
| 130     | 20.9  | 16.6  | 24.8  |

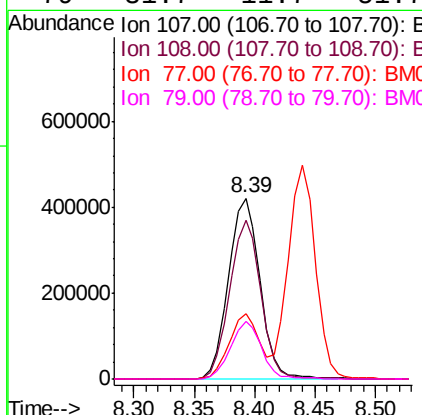
Manual Integrations  
APPROVED

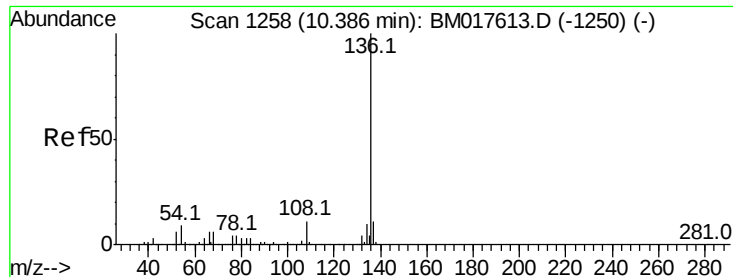
Sohil  
11/13/2018 2:25:32 PM



#20  
3+4-Methylphenols  
Concen: 43.698 ng  
RT: 8.39 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.7  | 67.0  | 107.0 |
| 77      | 36.2  | 15.6  | 55.6  |
| 79      | 31.7  | 11.7  | 51.7  |





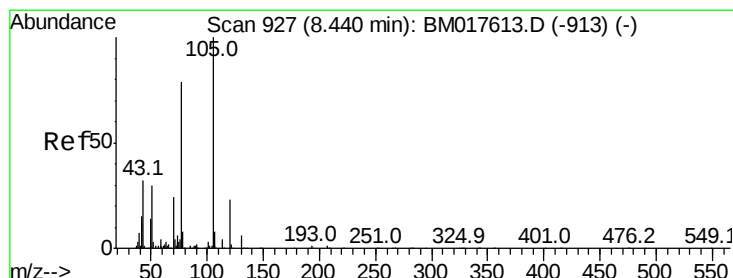
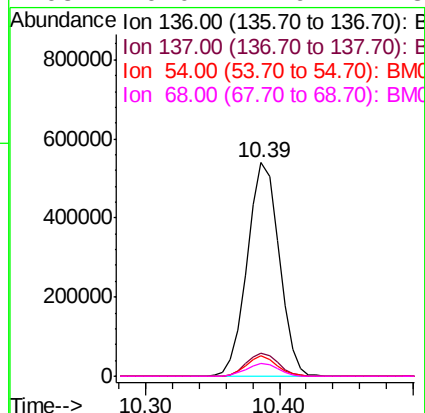
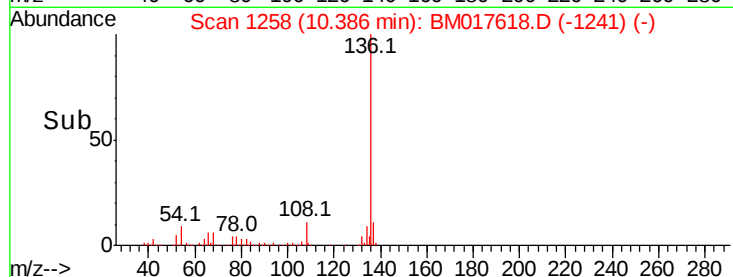
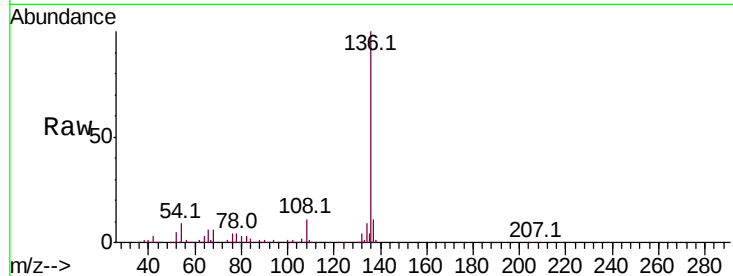
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.39 min Scan# 1258  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 888271 |       |       |
| 137     | 10.7  |        | 8.6   | 12.8  |
| 54      | 9.3   |        | 7.0   | 10.6  |
| 68      | 6.0   |        | 4.9   | 7.3   |

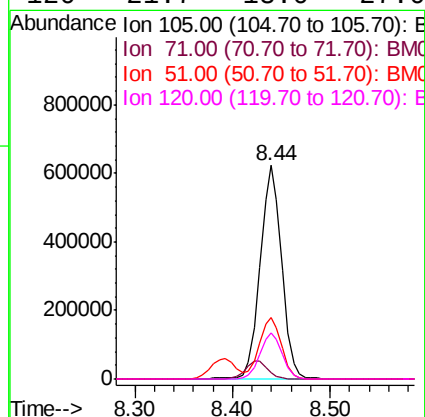
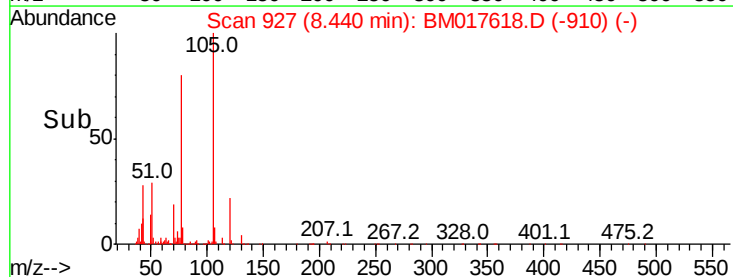
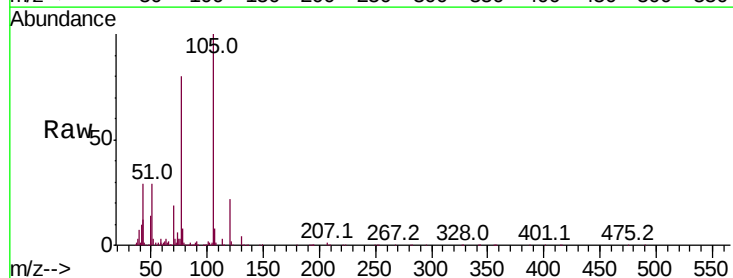
Manual Integrations  
APPROVED

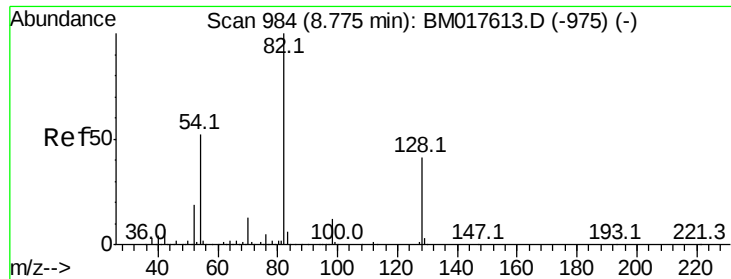
Sohil  
11/13/2018 2:25:32 PM



#22  
Acetophenone  
Concen: 43.798 ng  
RT: 8.44 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 970995 |       |       |
| 71      | 3.3   |        | 3.1   | 4.7   |
| 51      | 28.9  |        | 23.8  | 35.8  |
| 120     | 21.7  |        | 18.0  | 27.0  |





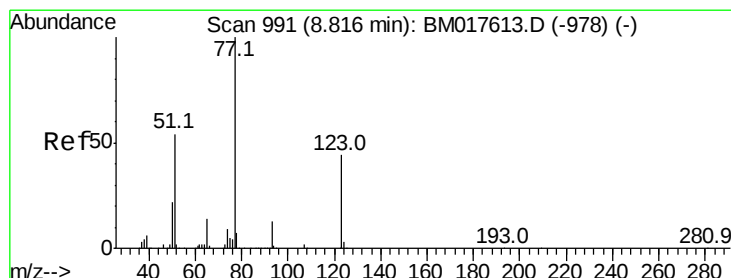
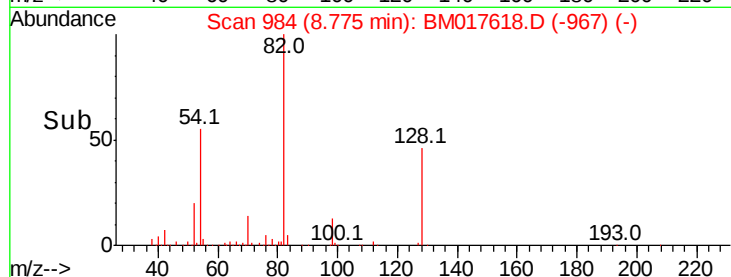
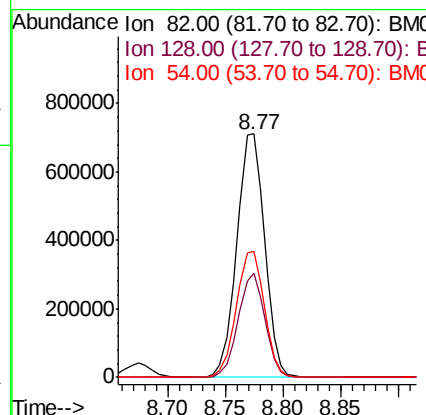
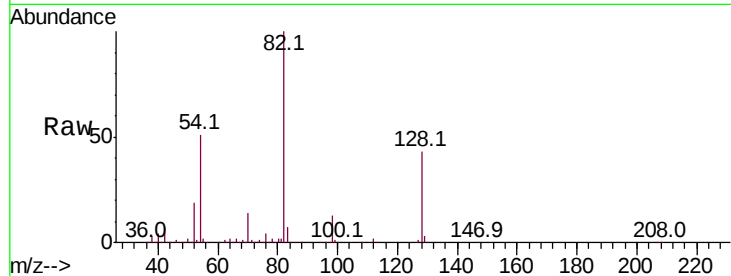
#23  
Nitrobenzene-d5  
Concen: 69.176 ng  
RT: 8.77 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.9  | 33.0  | 49.4  |
| 54      | 51.4  | 41.4  | 62.2  |

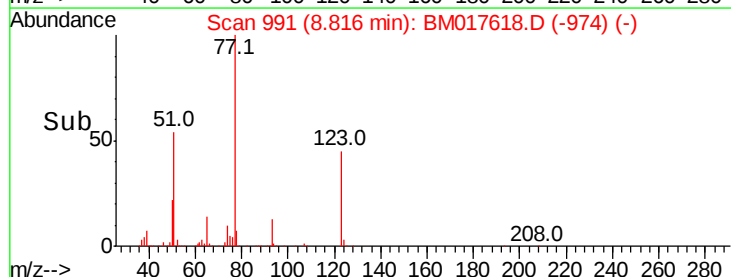
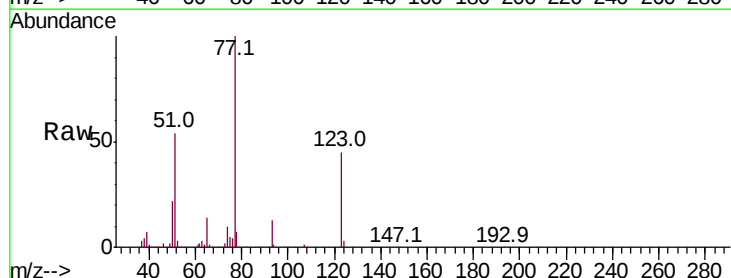
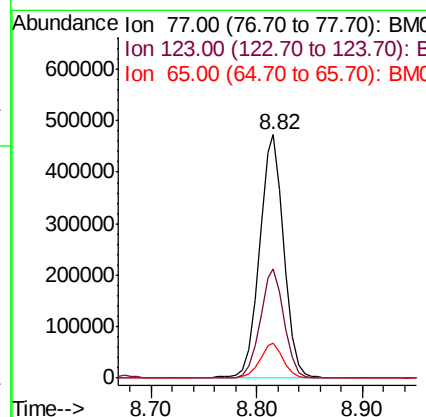
Manual Integrations  
APPROVED

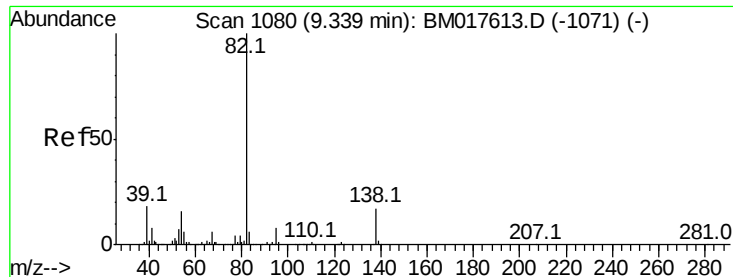
Sohil  
11/13/2018 2:25:32 PM



#24  
Nitrobenzene  
Concen: 43.192 ng  
RT: 8.82 min Scan# 991  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.7  | 35.1  | 52.7  |
| 65      | 14.1  | 11.0  | 16.6  |





#25

Isophorone

Concen: 49.580 ng

RT: 9.33 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

ClientSampleId :

PB114669BS

Tot Ion: 82 Resp: 1317615

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

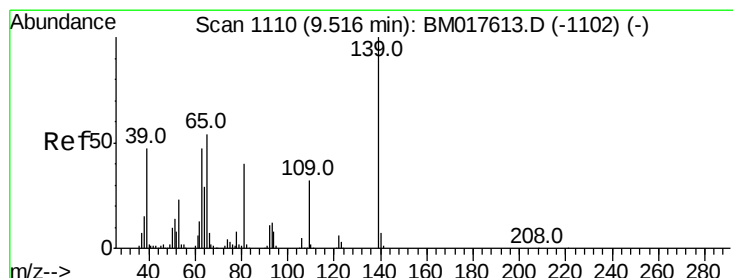
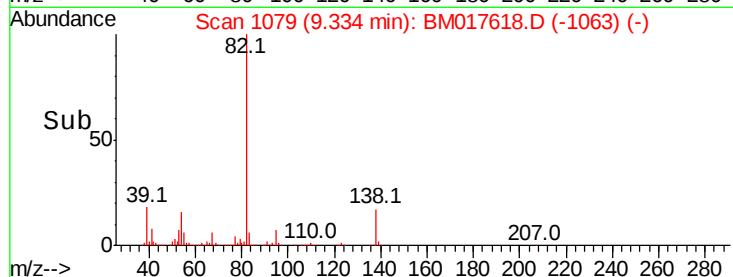
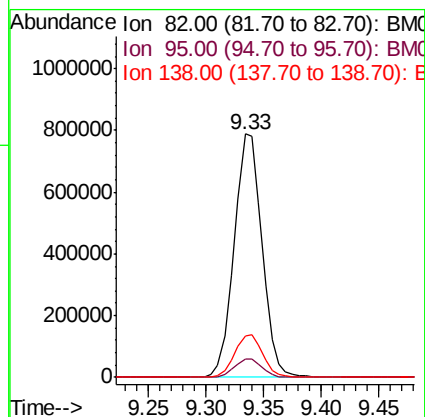
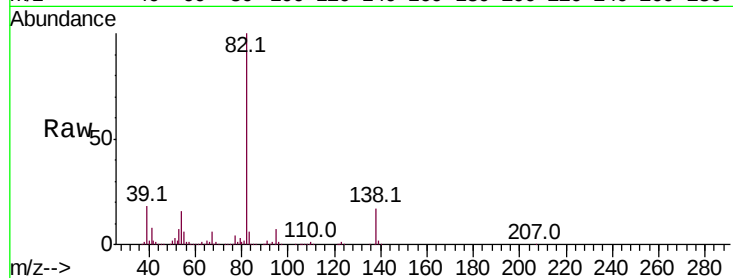
138 17.2 13.9 20.9

Manual Integrations

APPROVED

Sohil

11/13/2018 2:25:32 PM



#26

2-Nitrophenol

Concen: 44.458 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

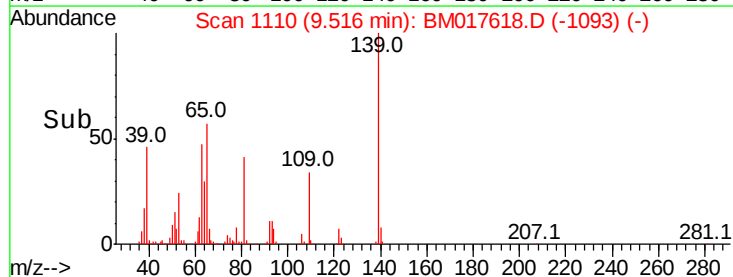
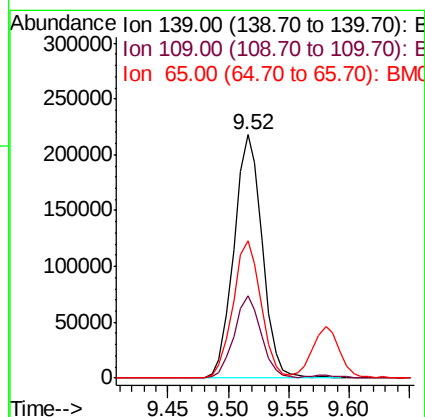
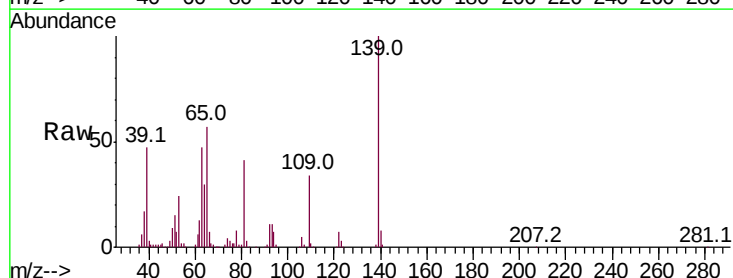
Tgt Ion: 139 Resp: 357491

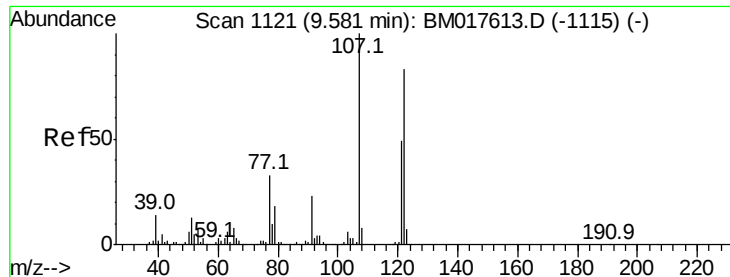
Ion Ratio Lower Upper

139 100

109 33.6 25.9 38.9

65 56.7 43.0 64.4





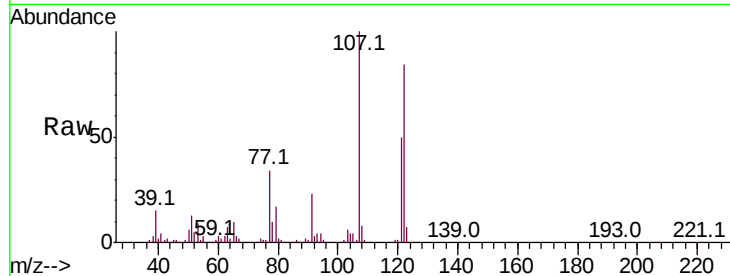
#27  
2,4-Dimethylphenol  
Concen: 53.255 ng  
RT: 9.58 min Scan# 1121  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.3 | 95.8  | 143.8 |
| 121     | 59.7  | 47.2  | 70.8  |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM

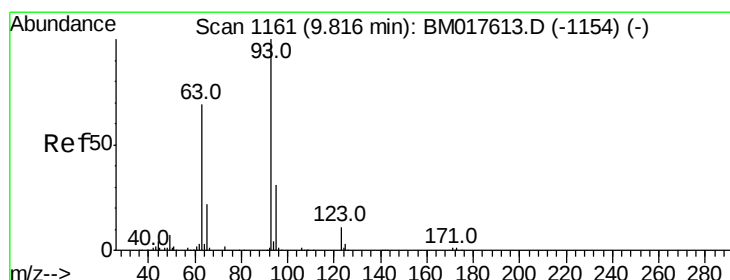
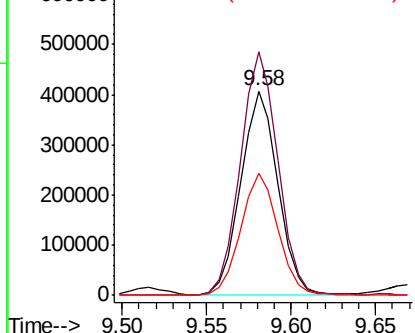
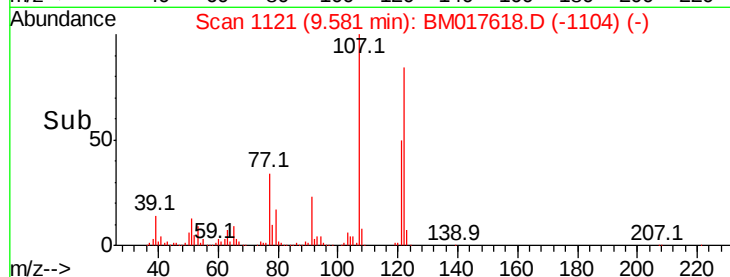


Abundance

Ion 122.00 (121.70 to 122.70): E

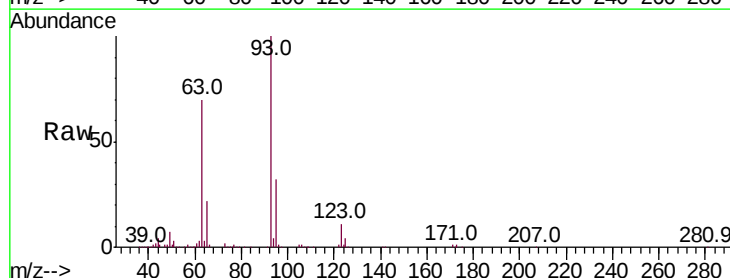
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.134 ng  
RT: 9.82 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 24.9  | 37.3  |
| 123     | 11.2  | 8.7   | 13.1  |

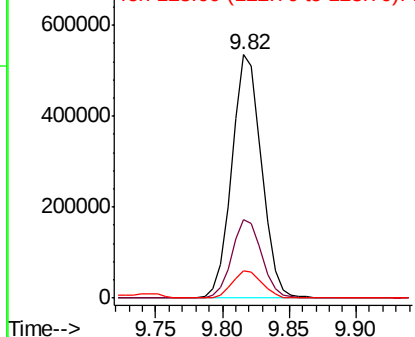
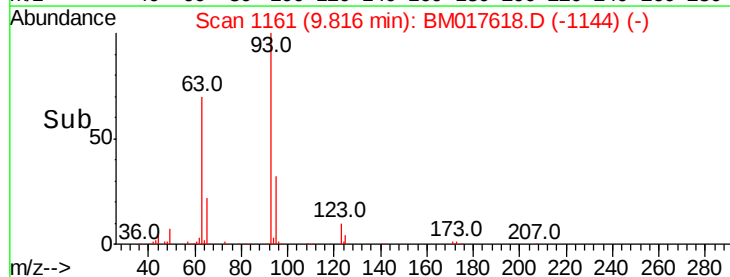


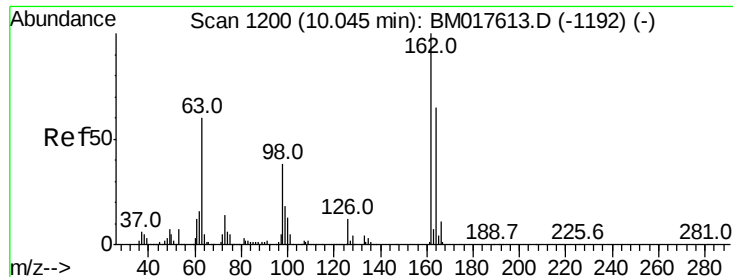
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





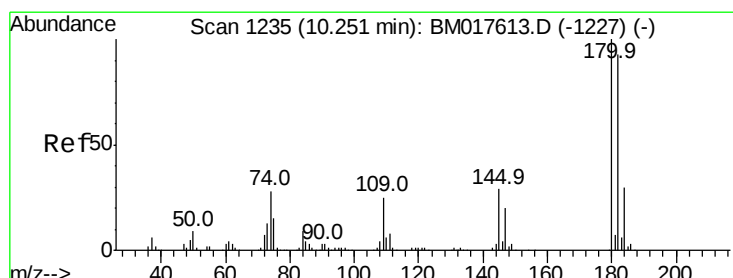
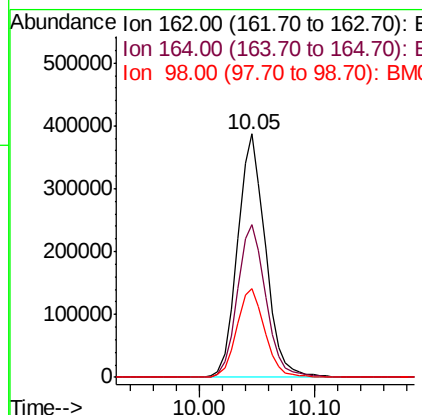
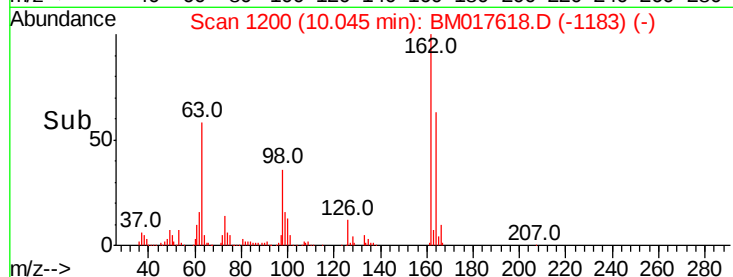
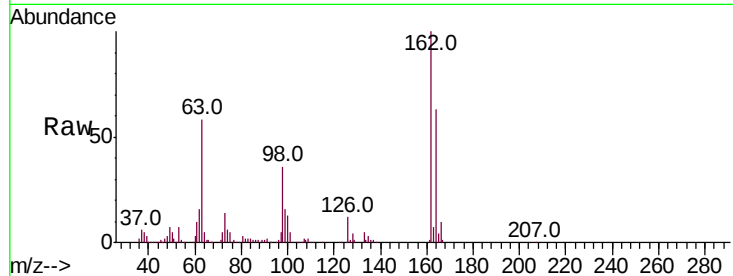
#29  
2,4-Dichlorophenol  
Concen: 48.010 ng  
RT: 10.05 min Scan# 1200  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampled :  
PB114669BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 62.9  | 45.0       | 85.0  |
| 98      | 36.3  | 17.5       | 57.5  |

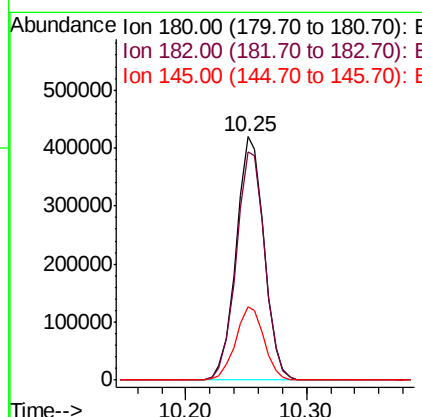
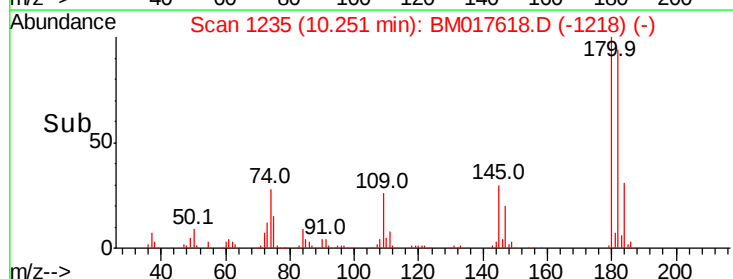
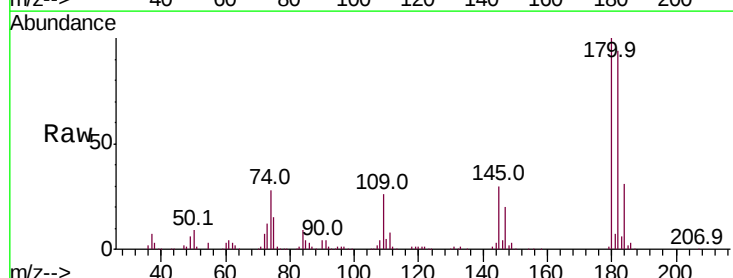
Manual Integrations  
APPROVED

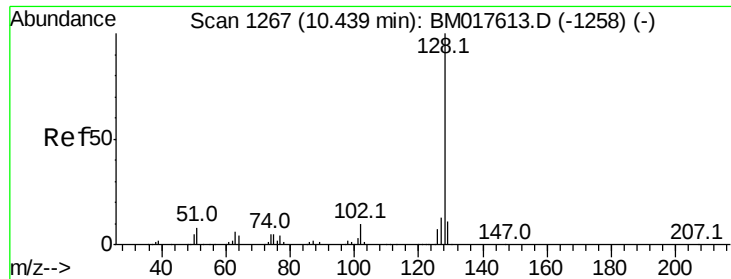
Sohil  
11/13/2018 2:25:32 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 43.189 ng  
RT: 10.25 min Scan# 1235  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 93.6  | 74.4       | 111.6 |
| 145     | 29.9  | 23.5       | 35.3  |





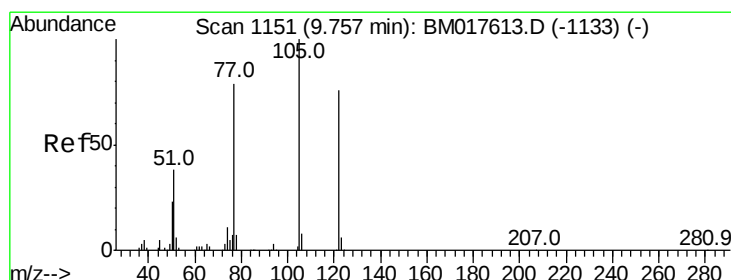
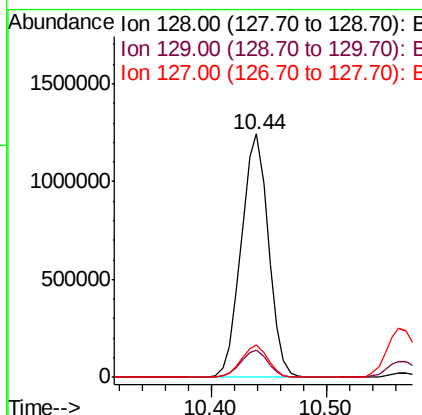
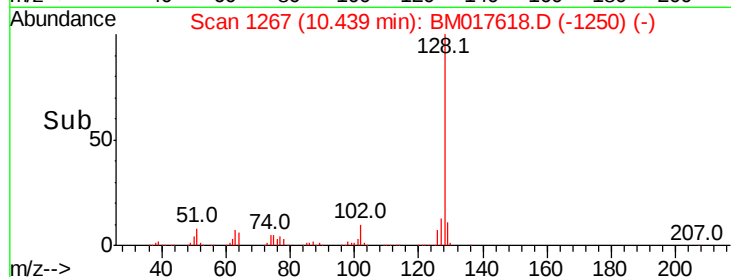
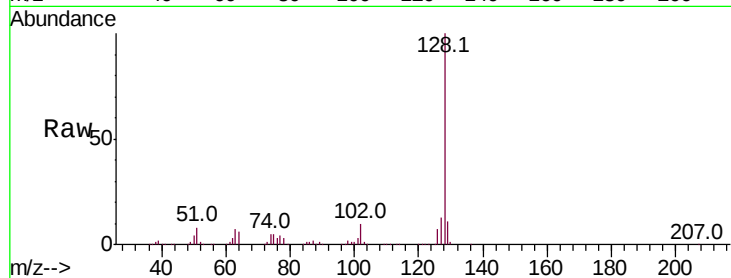
#31  
Naphthalene  
Concen: 46.683 ng  
RT: 10.44 min Scan# 1267  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.6   | 12.8  |
| 127     | 13.4  | 10.3  | 15.5  |

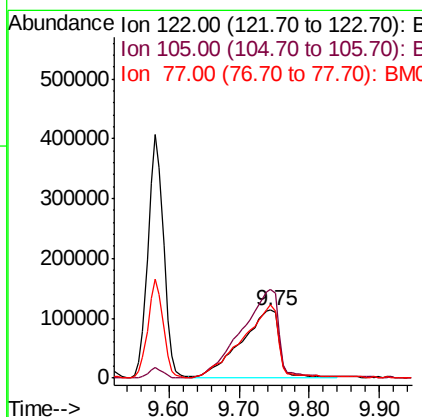
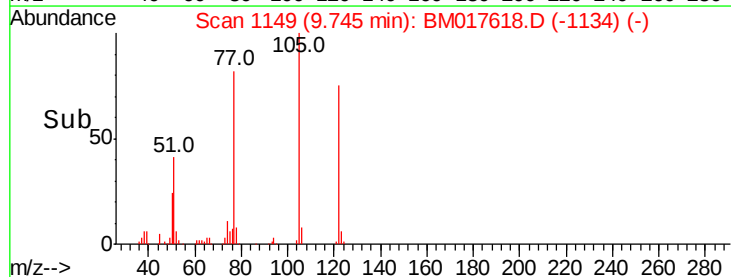
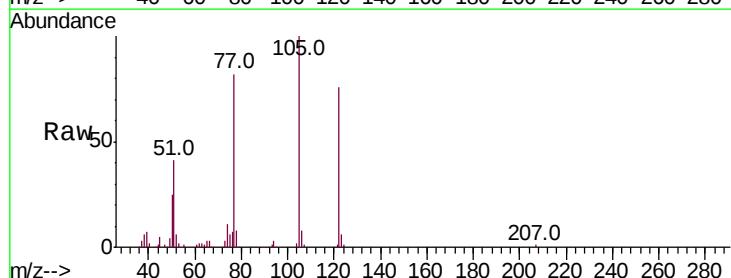
Manual Integrations  
APPROVED

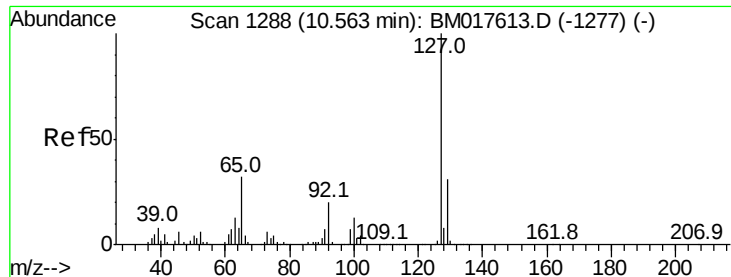
Sohil  
11/13/2018 2:25:32 PM



#32  
Benzoic acid  
Concen: 39.898 ng m  
RT: 9.75 min Scan# 1149  
Delta R.T. -0.01 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 131.4 | 109.1 | 149.1 |
| 77      | 107.9 | 82.1  | 122.1 |





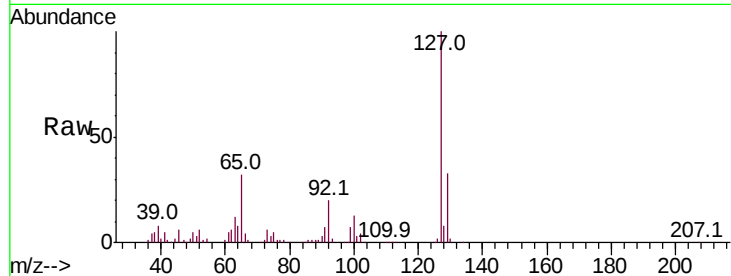
#33  
4-Chloroaniline  
Concen: 24.871 ng  
RT: 10.56 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.6  | 25.0 | 37.4  |       |
| 65      | 32.5  | 25.8 | 38.8  |       |
| 92      | 19.9  | 15.8 | 23.6  |       |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM



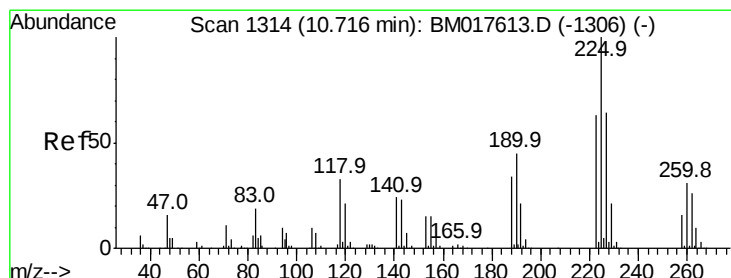
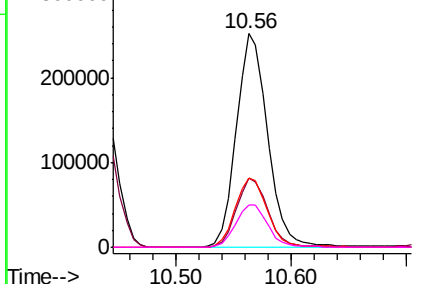
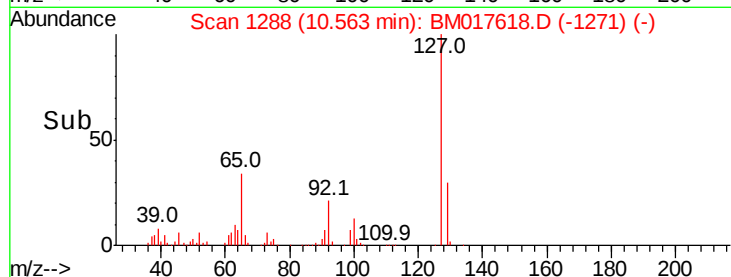
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

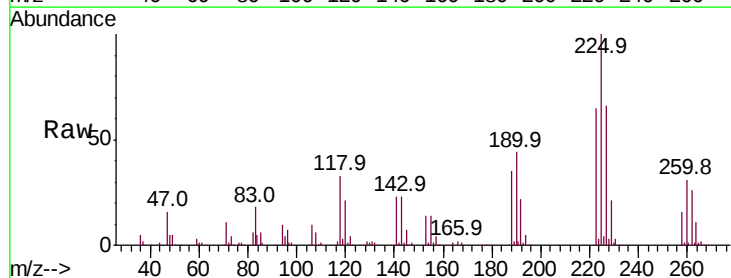
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34  
Hexachlorobutadiene  
Concen: 41.100 ng  
RT: 10.72 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 65.0  | 50.7 | 76.1  |       |
| 227     | 65.6  | 51.0 | 76.4  |       |

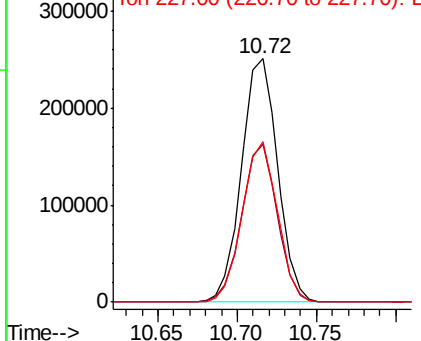
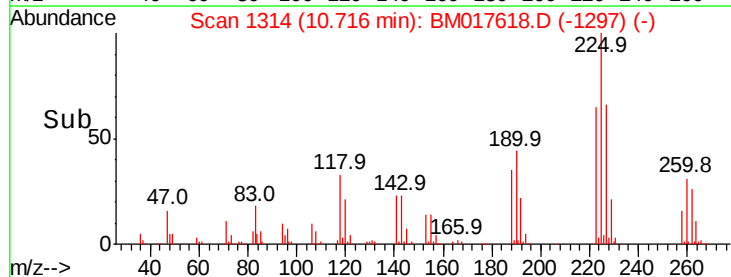


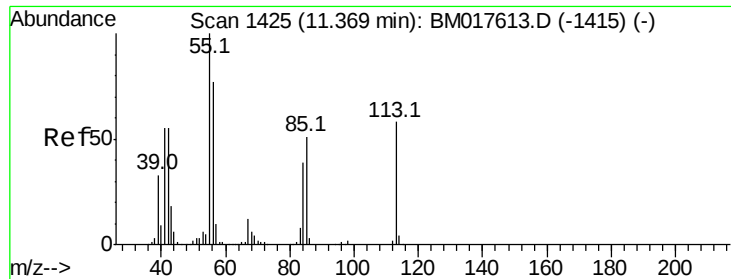
Abundance

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





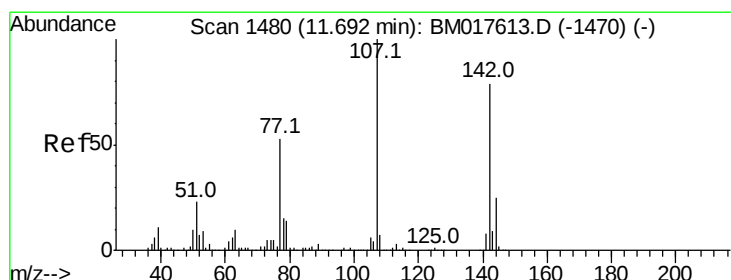
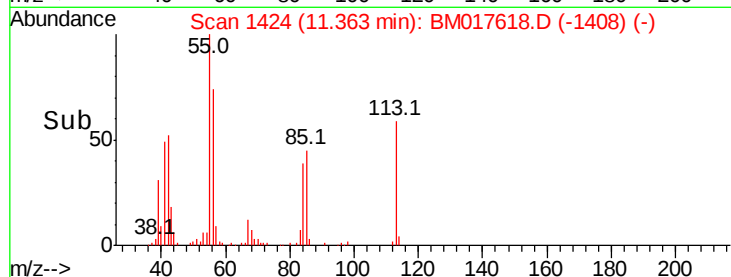
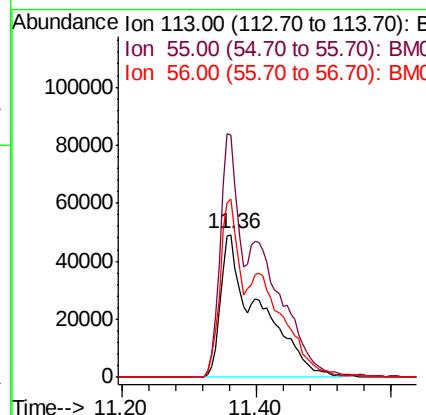
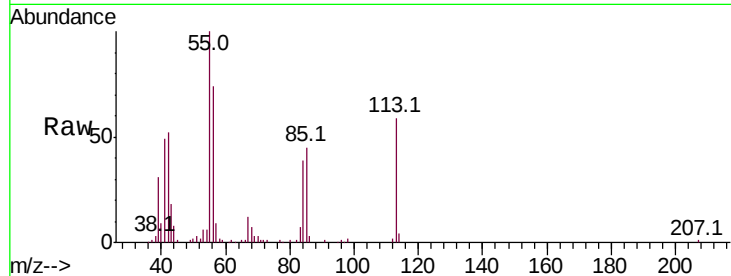
#35  
 Caprolactam  
 Concen: 39.716 ng/ml  
 RT: 11.36 min Scan# 1424  
 Delta R.T. -0.01 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 169.3 | 153.1 | 193.1 |
| 56      | 125.1 | 112.7 | 152.7 |

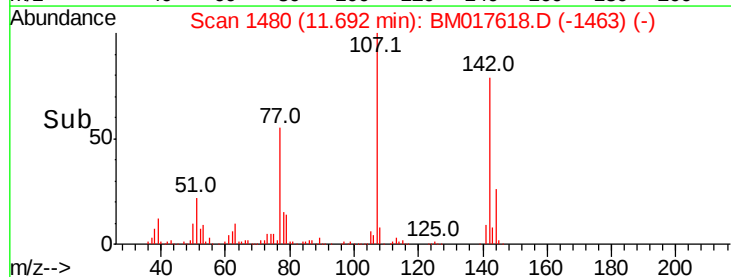
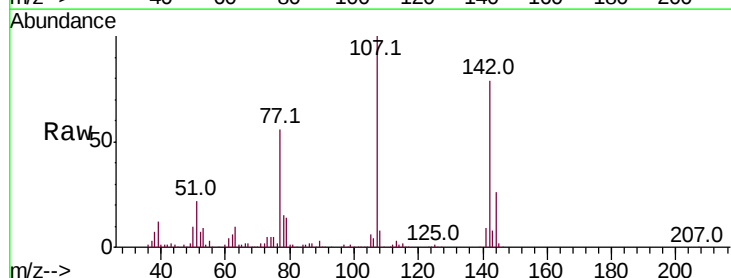
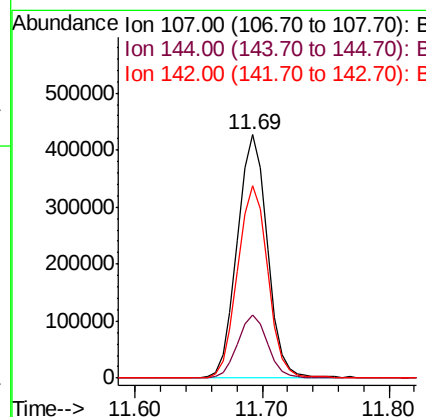
Manual Integrations  
 APPROVED

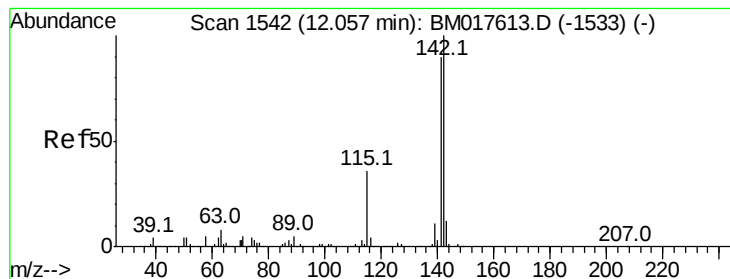
Sohil  
 11/13/2018 2:25:32 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.176 ng  
 RT: 11.69 min Scan# 1480  
 Delta R.T. 0.00 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.8  | 19.9  | 29.9  |
| 142     | 78.9  | 63.0  | 94.4  |





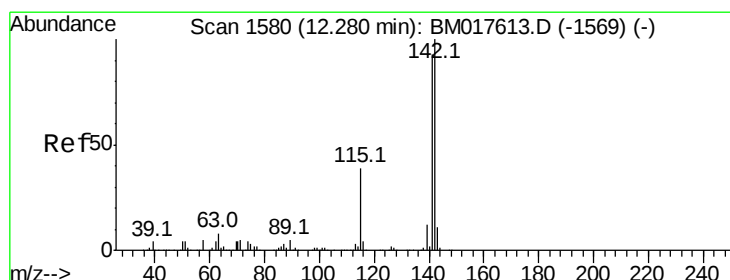
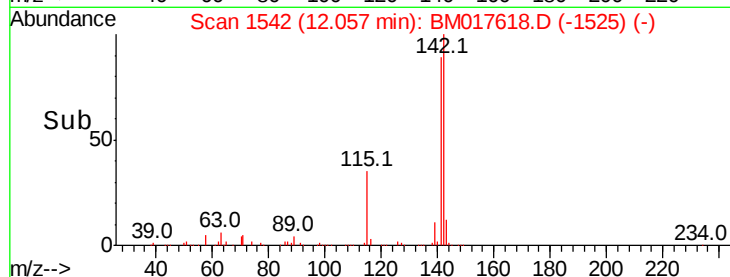
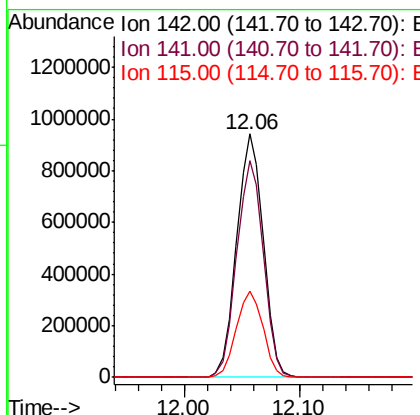
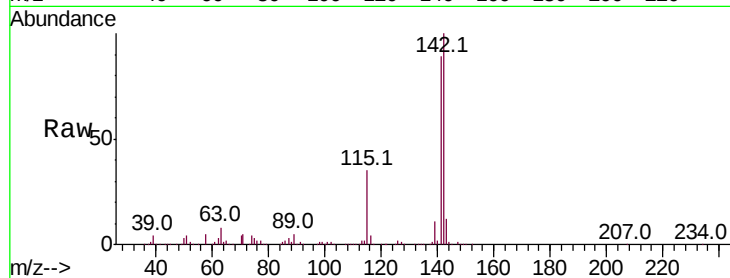
#37  
2-Methylnaphthalene  
Concen: 48.707 ng  
RT: 12.06 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 72.2  | 108.4 |
| 115     | 35.5  | 28.5  | 42.7  |

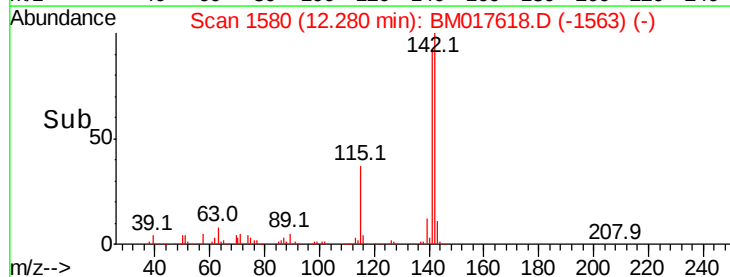
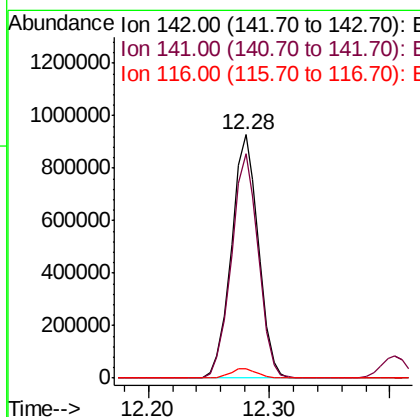
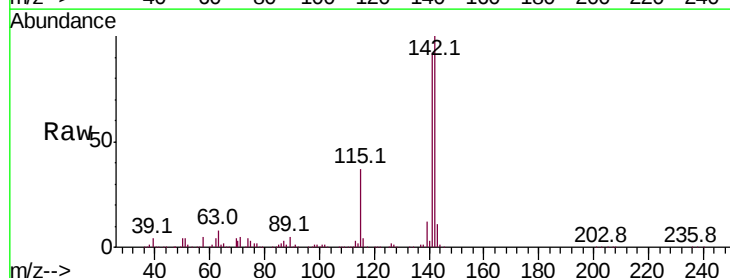
Manual Integrations  
APPROVED

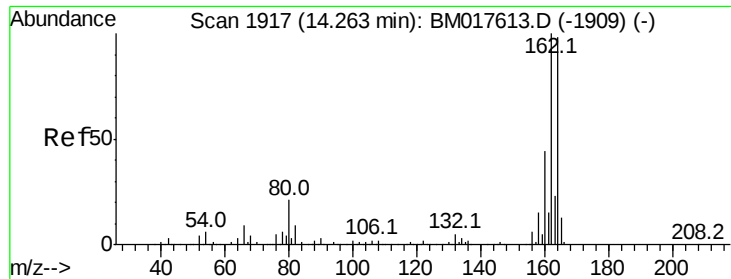
Sohil  
11/13/2018 2:25:32 PM



#38  
1-Methylnaphthalene  
Concen: 47.663 ng  
RT: 12.28 min Scan# 1580  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 74.2  | 111.4 |
| 116     | 4.0   | 3.1   | 4.7   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

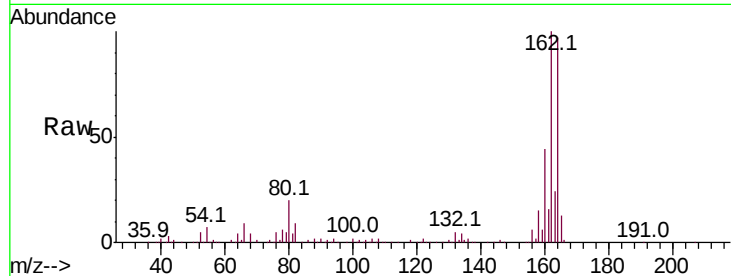
ClientSampleId :

PB114669BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 506916 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 103.2 | 81.4  | 122.0  |
| 160       | 44.9  | 35.6  | 53.4   |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM

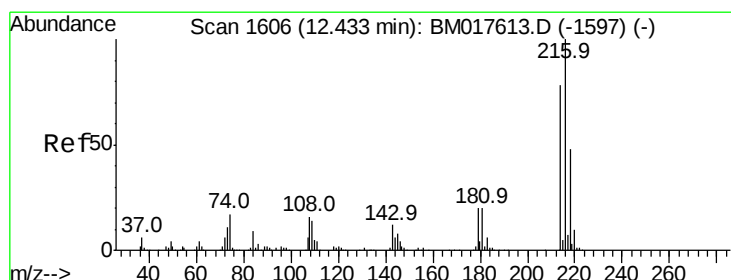
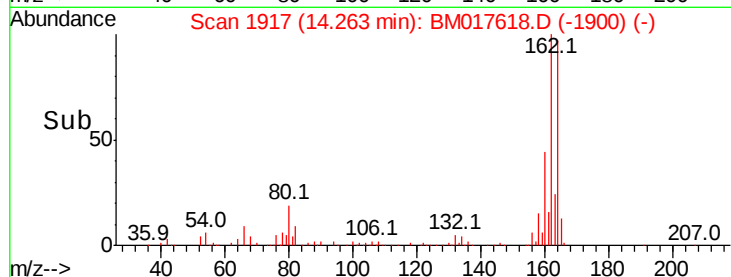
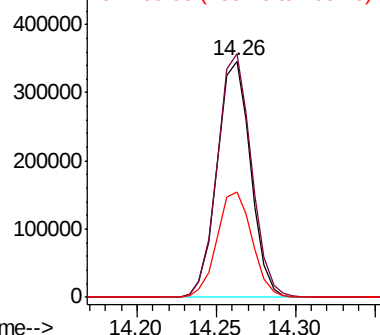


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.031 ng

RT: 12.43 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 769193 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.0  | 62.5  | 93.7   |
| 179       | 21.3  | 16.8  | 25.2   |
| 108       | 21.4  | 14.6  | 22.0   |

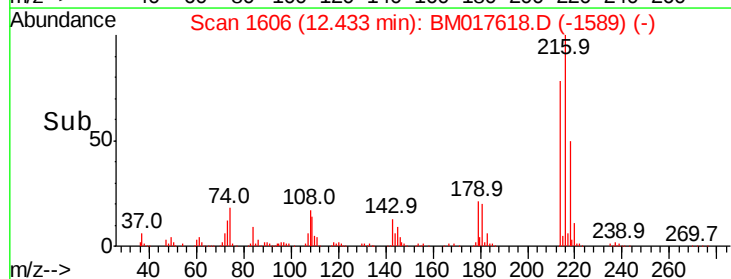
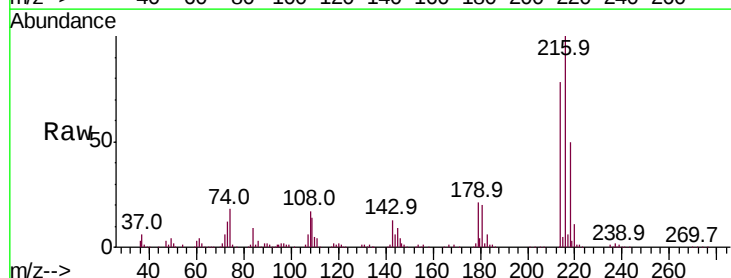
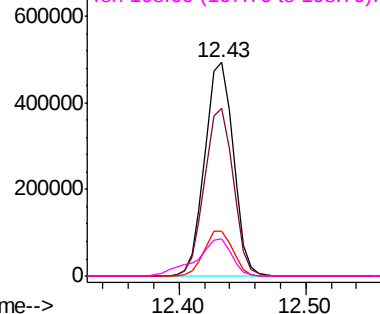
Abundance

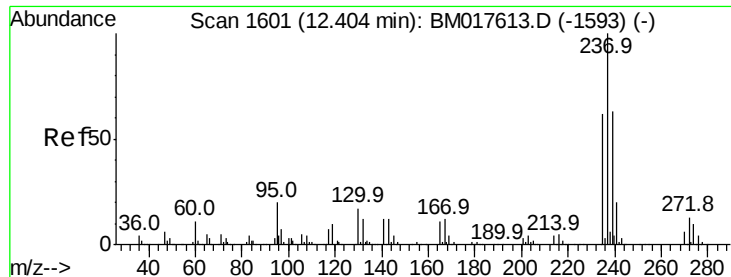
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 115.068 ng

RT: 12.40 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

ClientSampleId :

PB114669BS

Tot Ion:237 Resp: 1062850

Ion Ratio Lower Upper

237 100

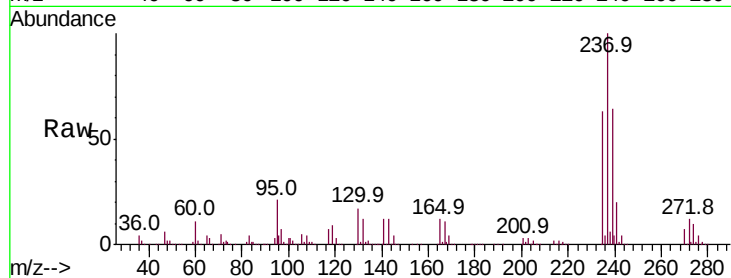
235 63.4 42.2 82.2

272 12.3 0.0 32.6

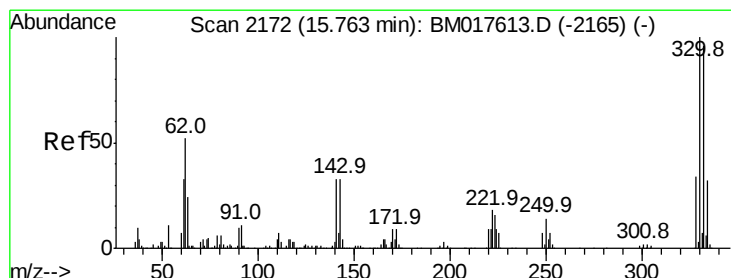
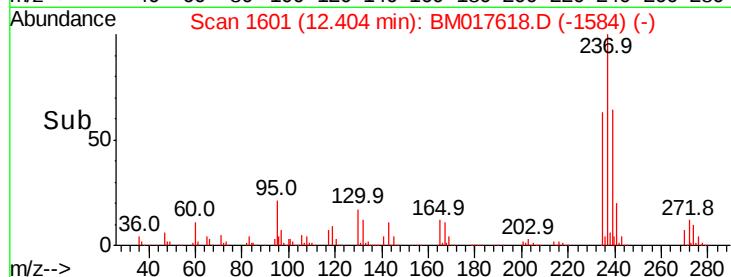
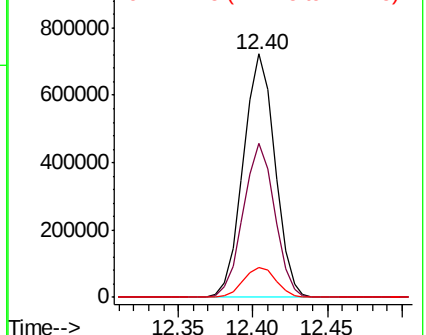
Manual Integrations  
APPROVED

Sohil

11/13/2018 2:25:32 PM



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.144 ng

RT: 15.76 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

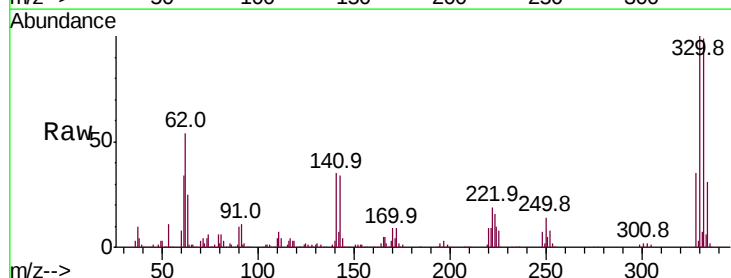
Tgt Ion:330 Resp: 1020763

Ion Ratio Lower Upper

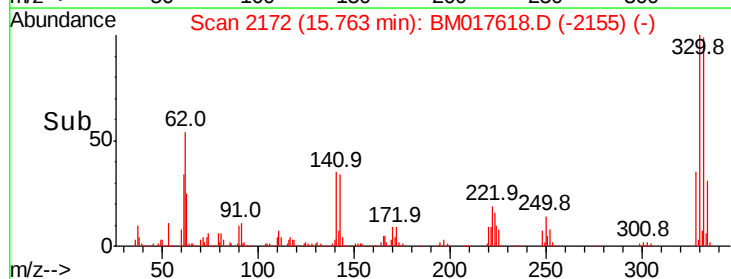
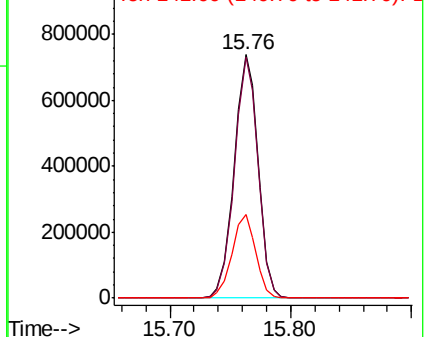
330 100

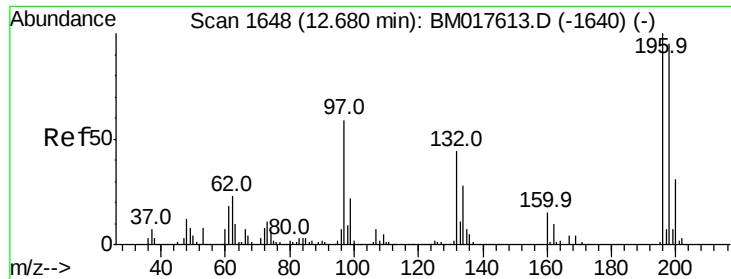
332 97.5 77.9 116.9

141 34.0 27.5 41.3



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





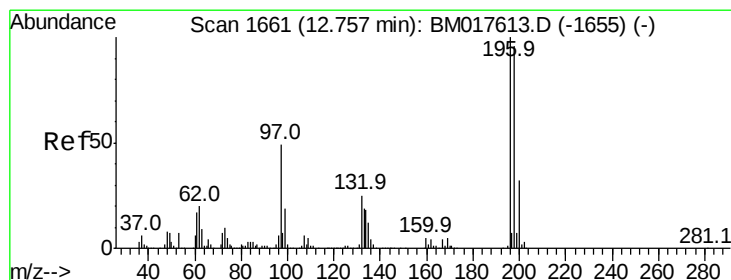
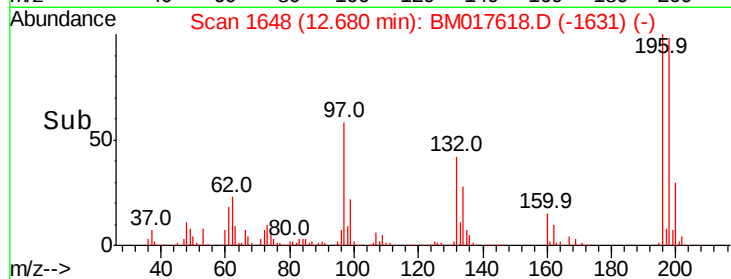
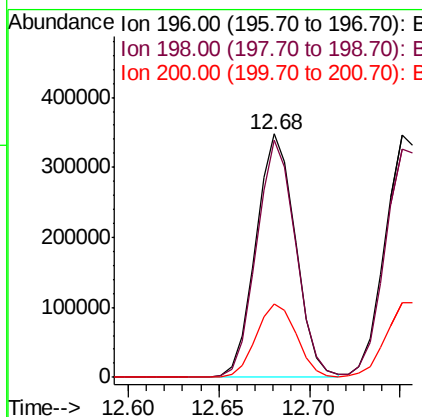
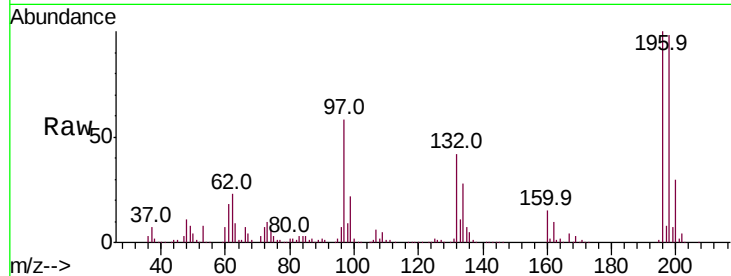
#43  
 2,4,6-Trichlorophenol  
 Concen: 47.114 ng  
 RT: 12.68 min Scan# 1648  
 Delta R.T. 0.00 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB114669BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 527515 |       |       |
| 198     | 97.6  | 75.6   | 113.4 |       |
| 200     | 30.3  | 24.8   | 37.2  |       |

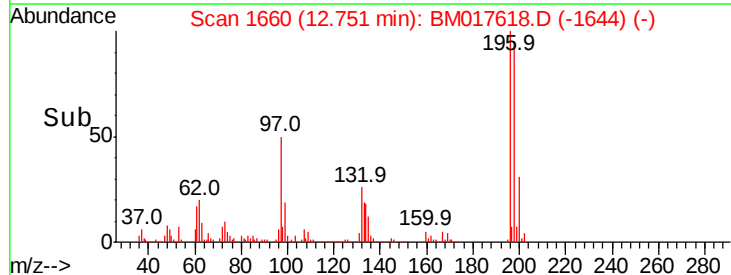
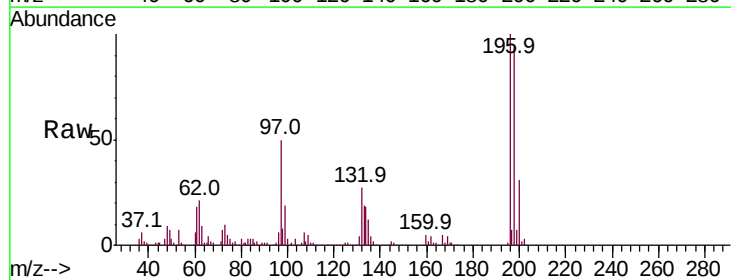
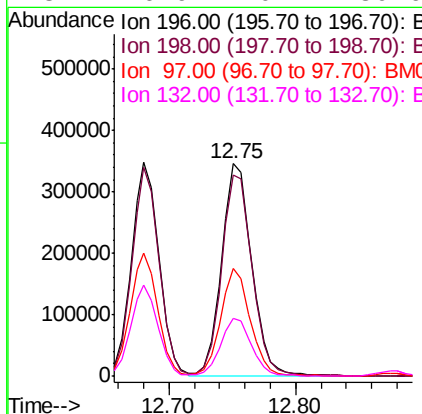
Manual Integrations  
 APPROVED

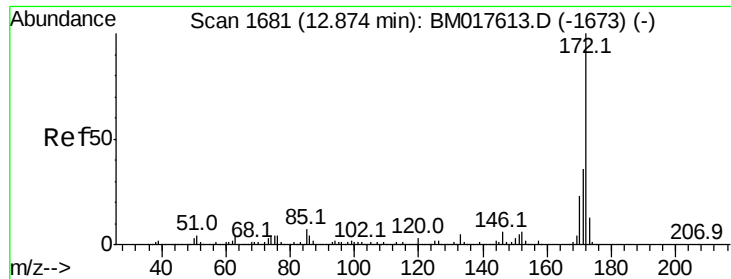
Sohil  
 11/13/2018 2:25:32 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 47.775 ng  
 RT: 12.75 min Scan# 1660  
 Delta R.T. -0.01 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 564795 |       |       |
| 198     | 94.5  | 76.8   | 115.2 |       |
| 97      | 50.5  | 39.0   | 58.6  |       |
| 132     | 26.9  | 20.4   | 30.6  |       |





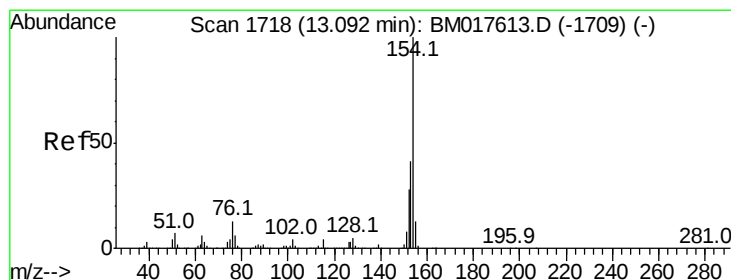
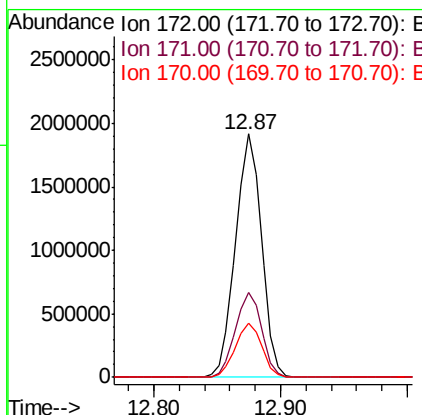
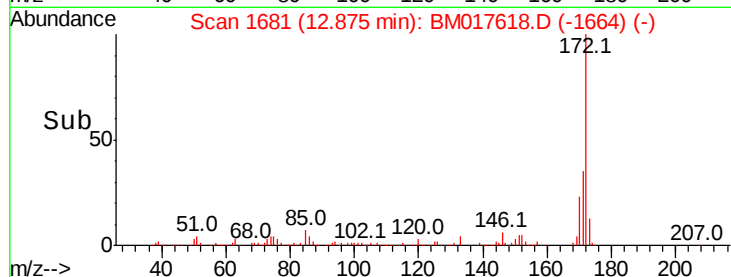
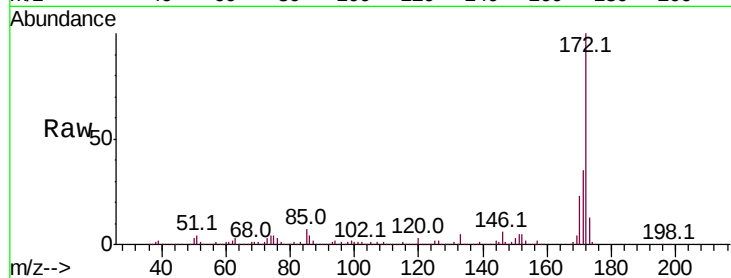
#45  
2-Fluorobiphenyl  
Concen: 69.626 ng  
RT: 12.87 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.9  | 28.7  | 43.1  |
| 170     | 22.5  | 18.3  | 27.5  |

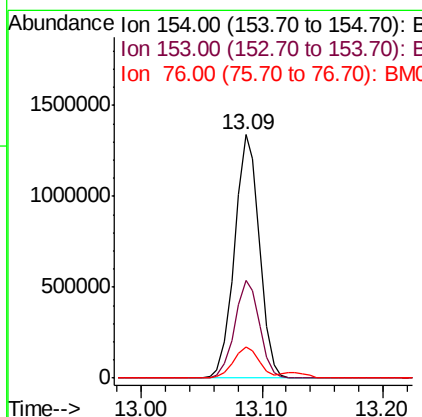
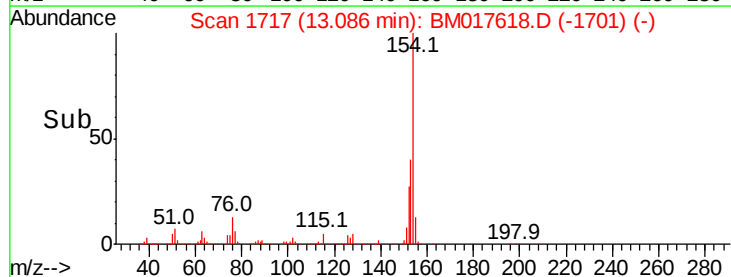
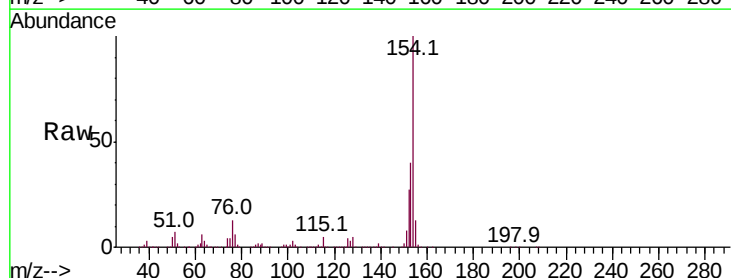
Manual Integrations  
APPROVED

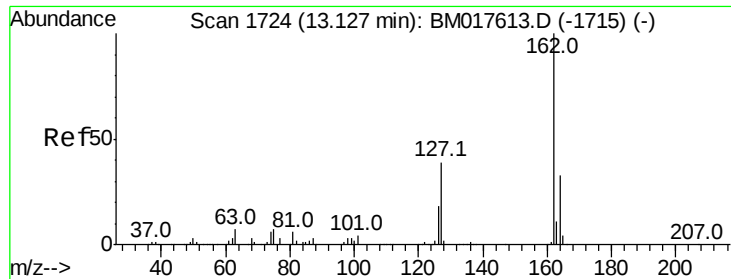
Sohil  
11/13/2018 2:25:32 PM



#46  
1,1'-Biphenyl  
Concen: 42.128 ng  
RT: 13.09 min Scan# 1717  
Delta R.T. -0.01 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.9  | 20.8  | 60.8  |
| 76      | 12.6  | 0.0   | 32.8  |





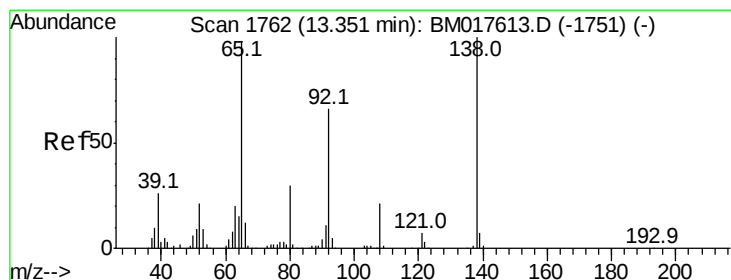
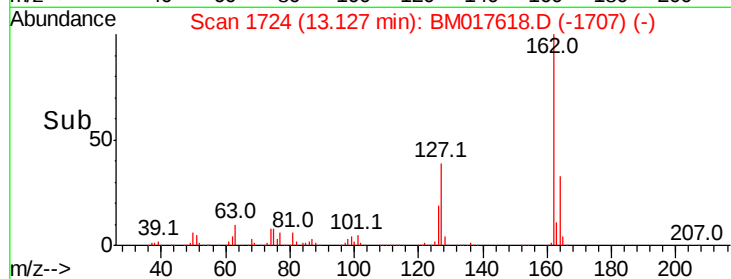
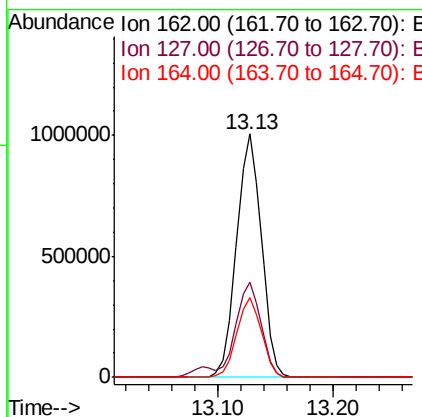
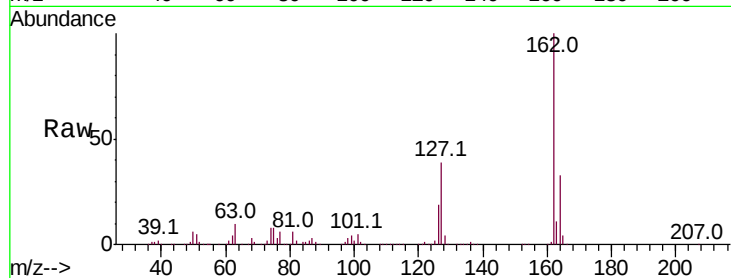
#47  
2-Chloronaphthalene  
Concen: 44.408 ng  
RT: 13.13 min Scan# 1724  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.1  | 32.6  | 48.8  |
| 164     | 32.7  | 26.5  | 39.7  |

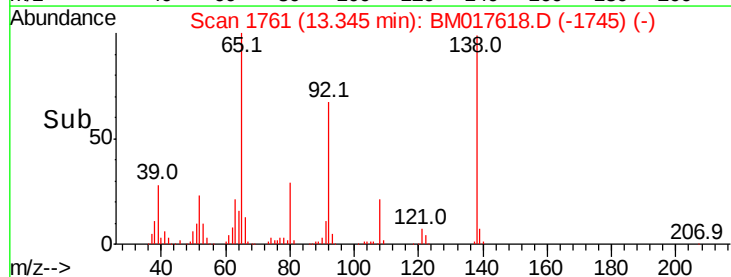
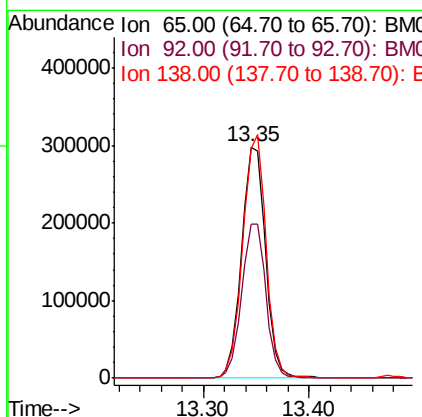
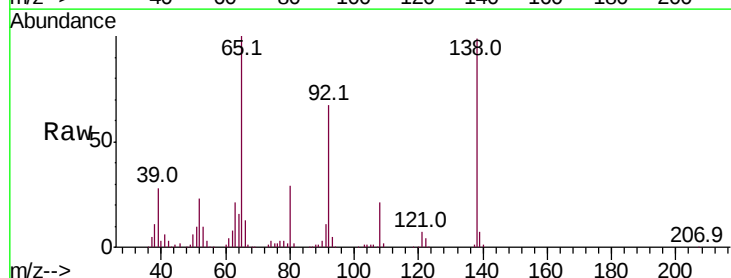
Manual Integrations  
APPROVED

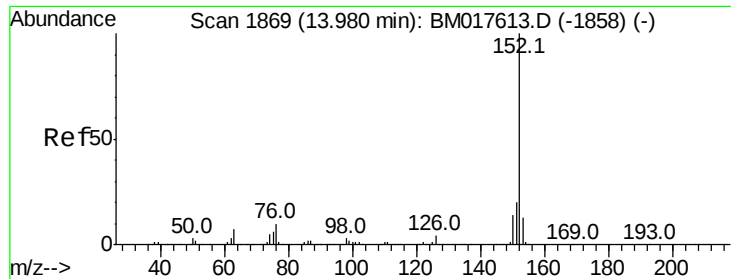
Sohil  
11/13/2018 2:25:32 PM



#48  
2-Nitroaniline  
Concen: 44.927 ng  
RT: 13.35 min Scan# 1761  
Delta R.T. -0.01 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.9  | 53.7  | 80.5  |
| 138     | 99.2  | 81.5  | 122.3 |





#49

Acenaphthylene

Concen: 48.053 ng

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

ClientSampleId :

PB114669BS

Tot Ion:152 Resp: 2438343

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

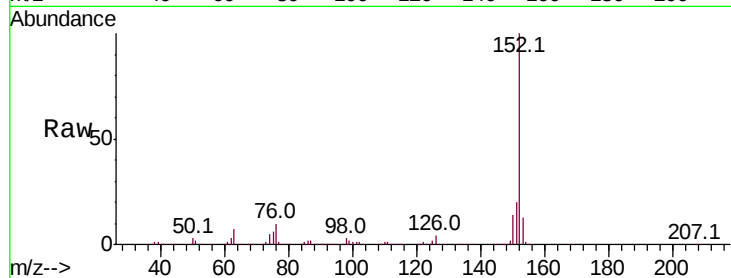
153 13.4 10.5 15.7

Manual Integrations

APPROVED

Sohil

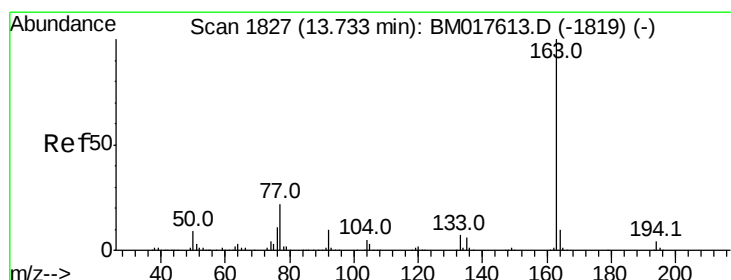
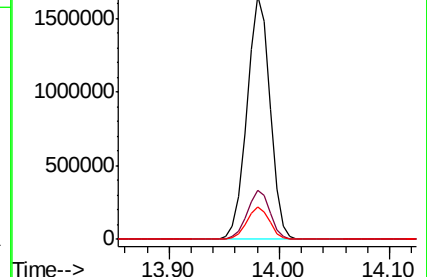
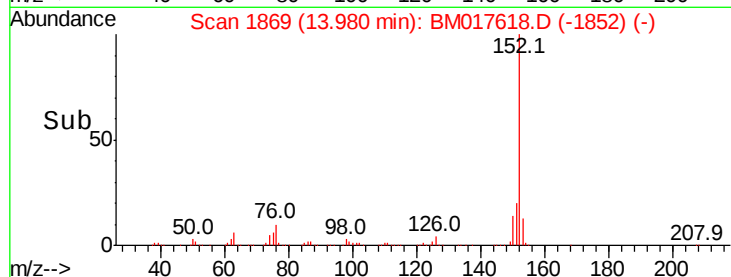
11/13/2018 2:25:32 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.832 ng

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

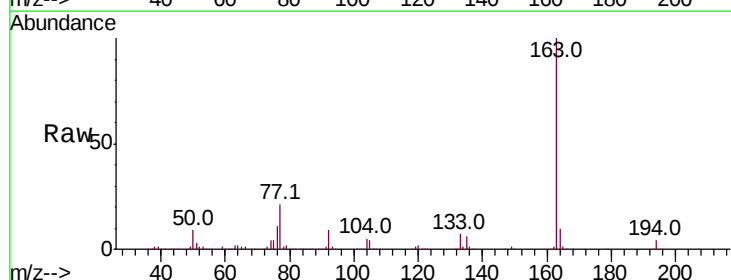
Tgt Ion:163 Resp: 1847711

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

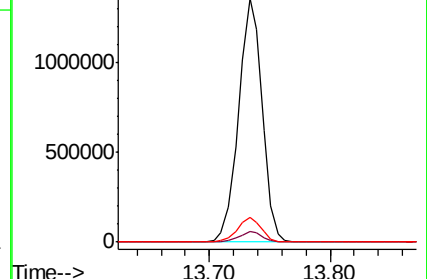
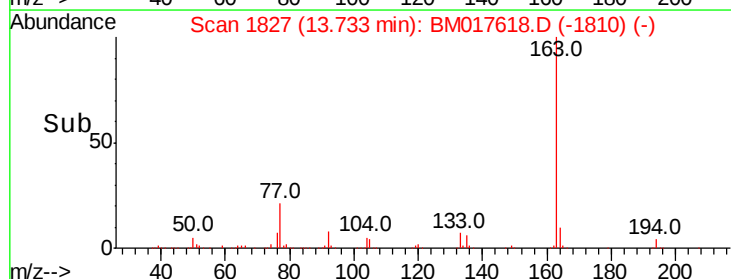
164 10.0 8.2 12.4

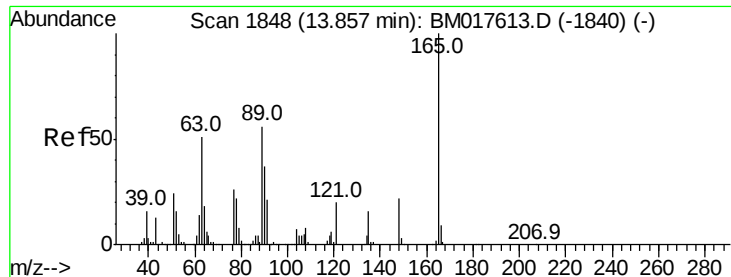


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





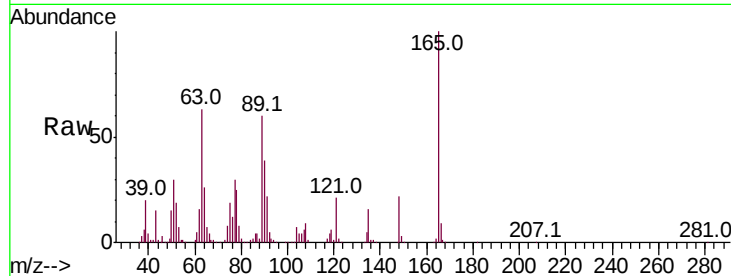
#51  
2,6-Dinitrotoluene  
Concen: 45.285 ng  
RT: 13.85 min Scan# 1847  
Delta R.T. -0.01 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

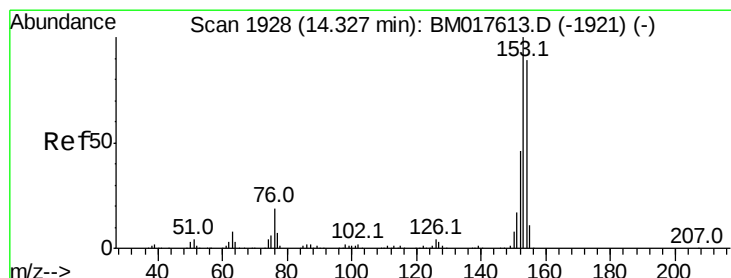
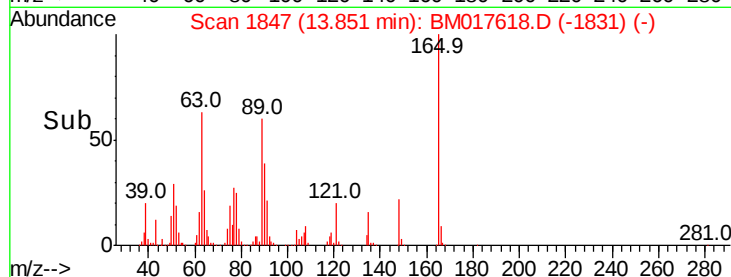
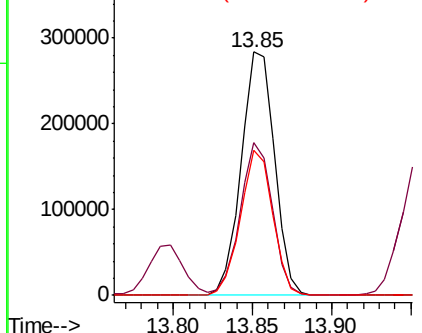
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 62.9  | 47.3 | 70.9  |       |
| 89      | 59.8  | 44.8 | 67.2  |       |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM

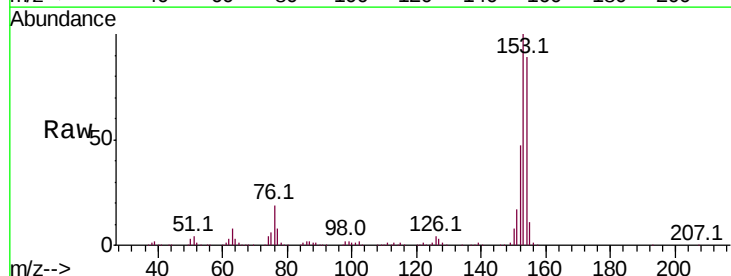


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 89.00 (88.70 to 89.70): BM

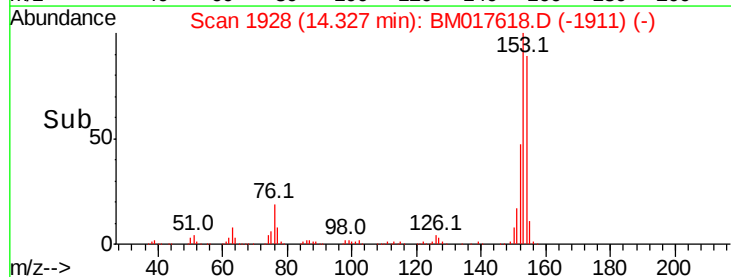
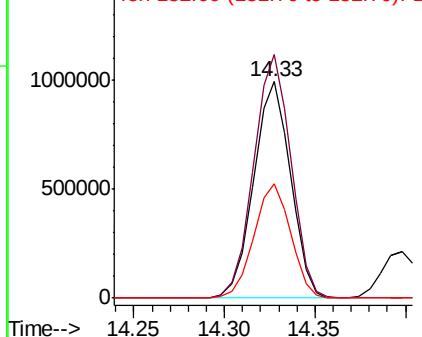


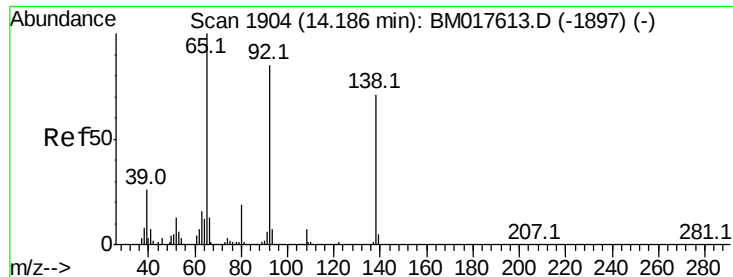
#52  
Acenaphthene  
Concen: 45.141 ng  
RT: 14.33 min Scan# 1928  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 112.4 | 90.2 | 135.4 |       |
| 152     | 52.9  | 41.6 | 62.4  |       |



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





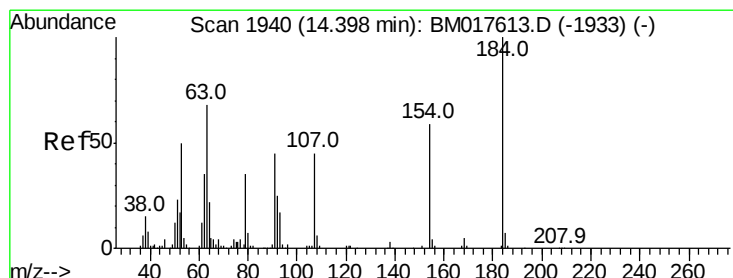
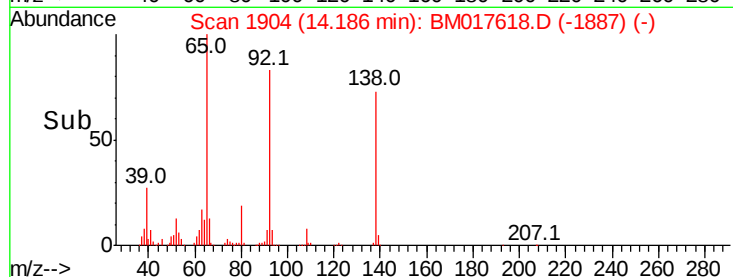
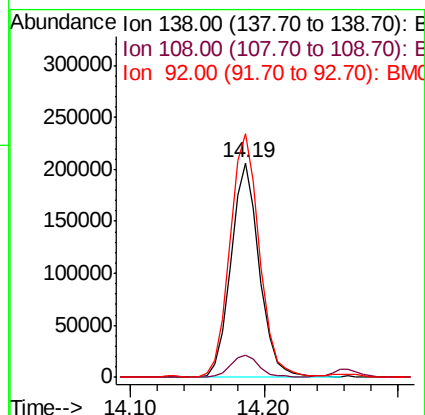
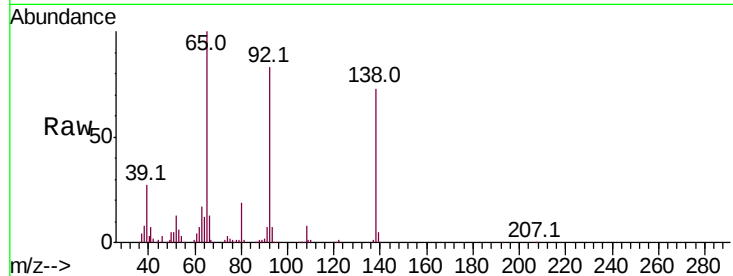
#53  
3-Nitroaniline  
Concen: 30.765 ng  
RT: 14.19 min Scan# 1904  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.6  | 8.2   | 12.2  |
| 92      | 113.6 | 95.4  | 143.2 |

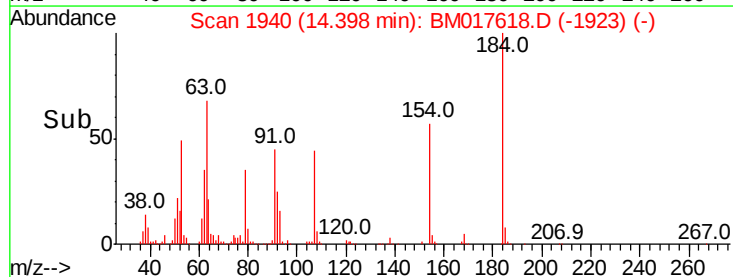
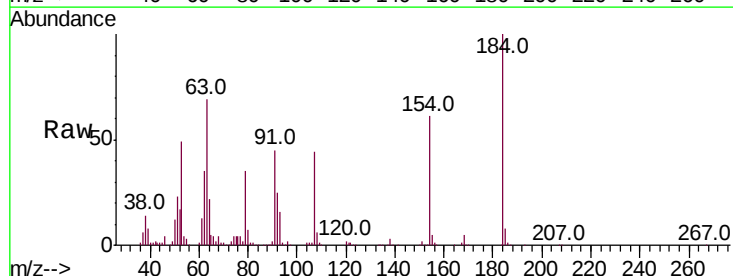
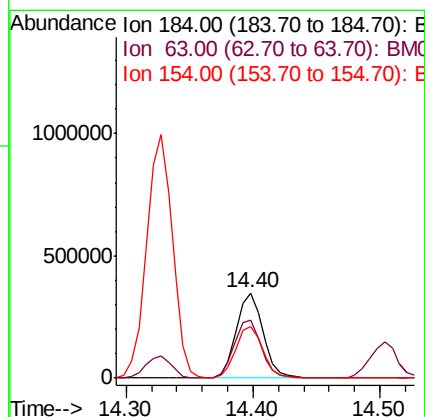
Manual Integrations  
APPROVED

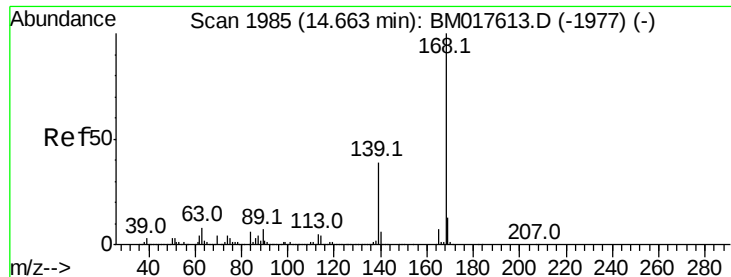
Sohil  
11/13/2018 2:25:32 PM



#54  
2,4-Dinitrophenol  
Concen: 89.990 ng  
RT: 14.40 min Scan# 1940  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 68.6  | 55.1  | 82.7  |
| 154     | 60.7  | 51.3  | 76.9  |





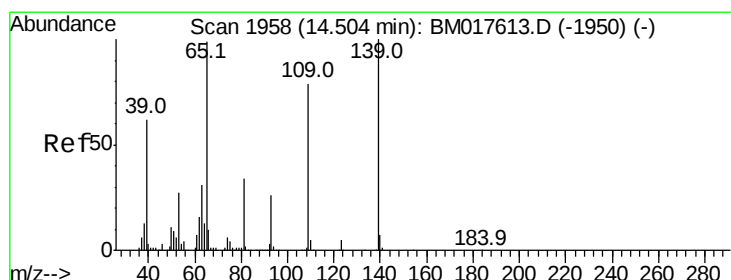
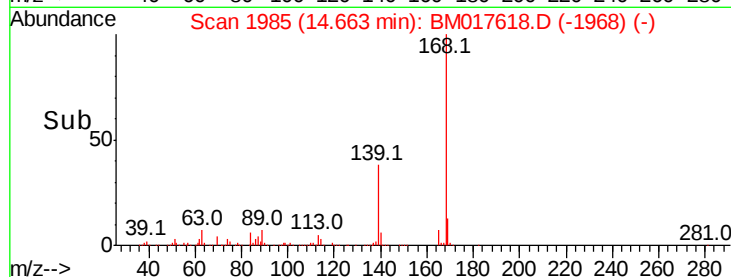
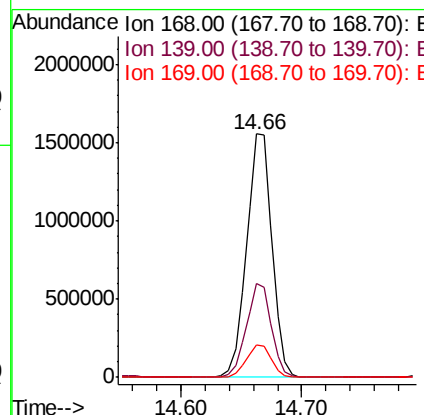
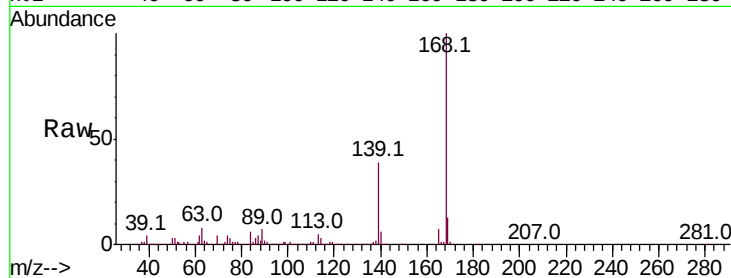
#55  
Dibenzofuran  
Concen: 44.827 ng  
RT: 14.66 min Scan# 1985  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.5  | 31.0  | 46.6  |
| 169     | 13.5  | 10.6  | 16.0  |

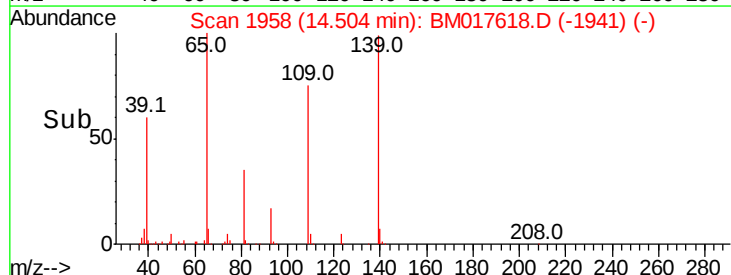
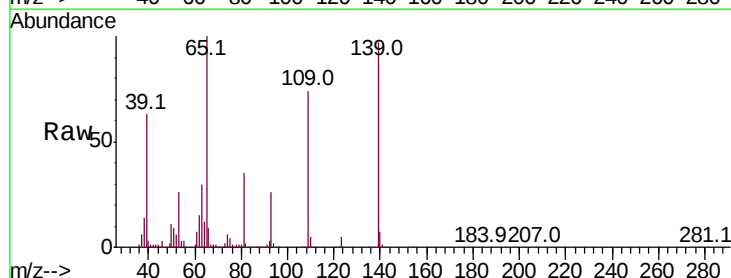
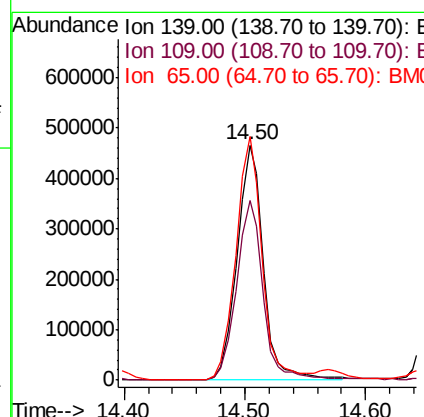
Manual Integrations  
APPROVED

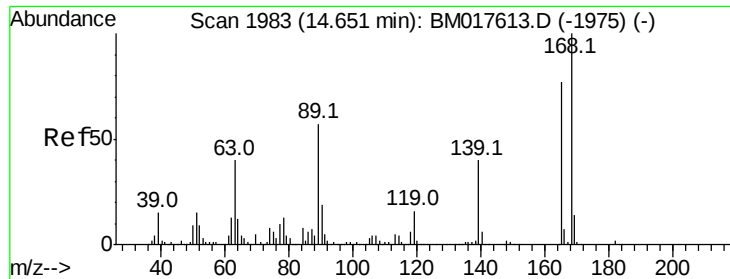
Sohil  
11/13/2018 2:25:32 PM



#56  
4-Nitrophenol  
Concen: 84.123 ng  
RT: 14.50 min Scan# 1958  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 76.3  | 58.6  | 98.6  |
| 65      | 103.5 | 79.5  | 119.5 |





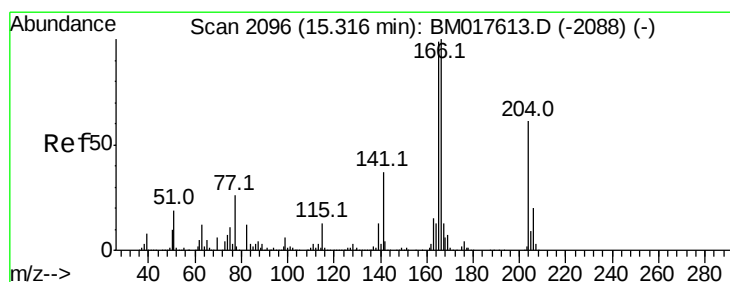
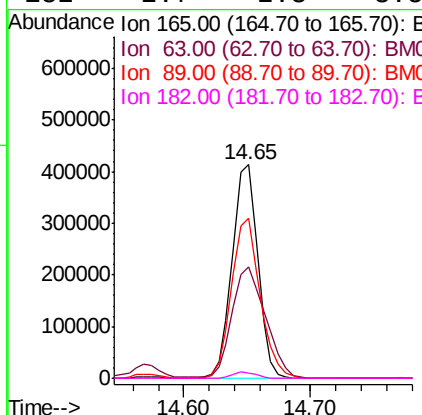
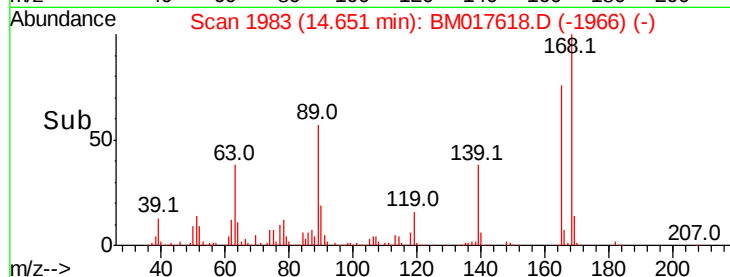
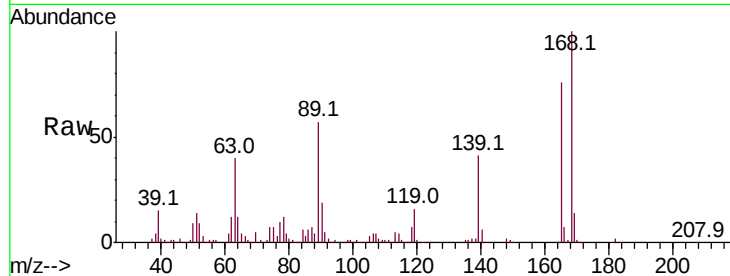
#57  
2,4-Dinitrotoluene  
Concen: 46.655 ng  
RT: 14.65 min Scan# 1983  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 51.9  | 41.8  | 62.8  |
| 89      | 74.7  | 59.5  | 89.3  |
| 182     | 2.7   | 2.3   | 3.5   |

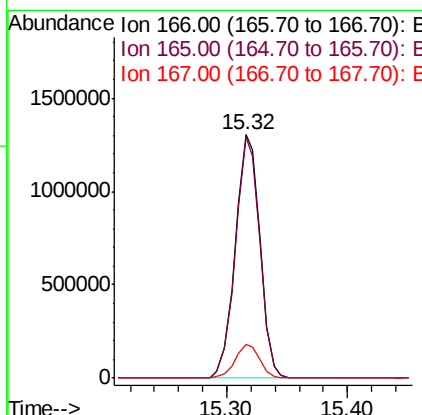
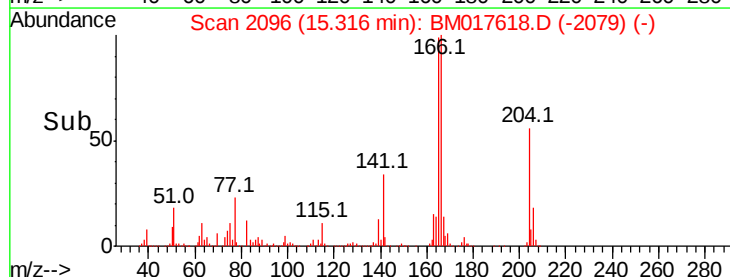
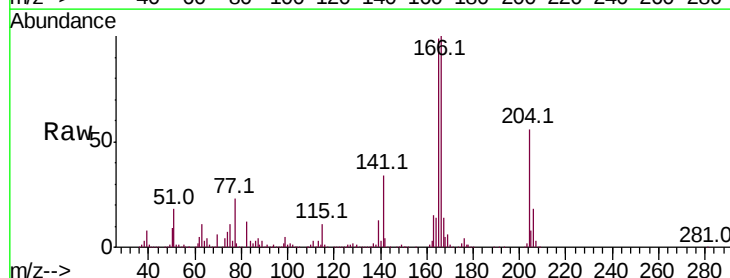
Manual Integrations  
APPROVED

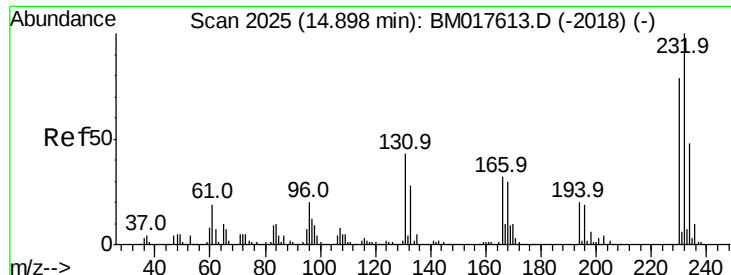
Sohil  
11/13/2018 2:25:32 PM



#58  
Fluorene  
Concen: 47.500 ng  
RT: 15.32 min Scan# 2096  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.9  | 79.0  | 118.6 |
| 167     | 13.9  | 10.8  | 16.2  |





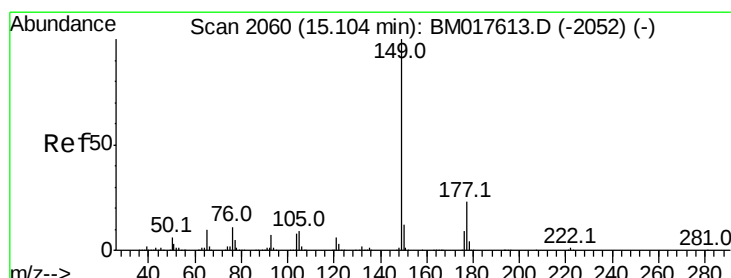
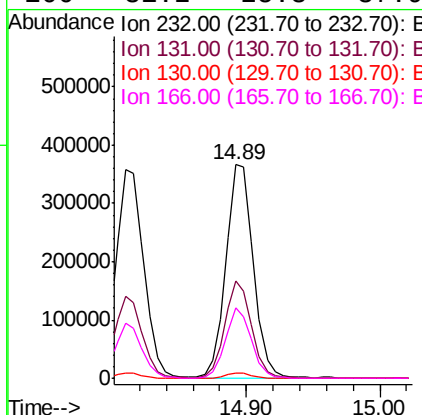
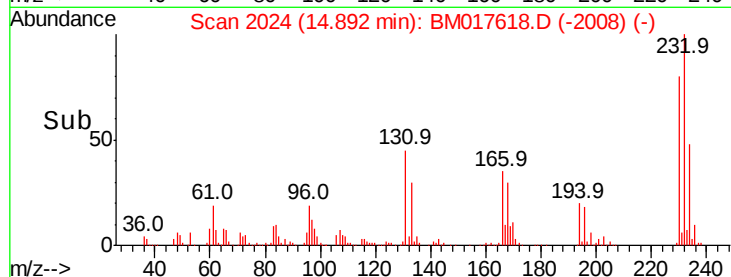
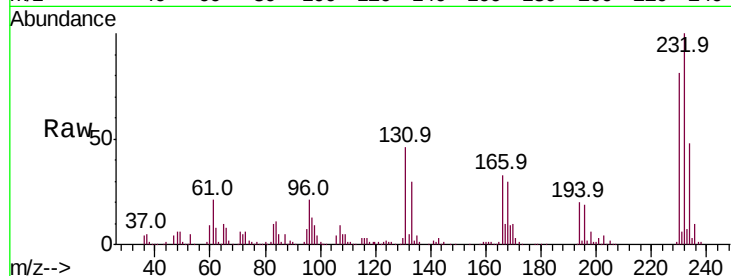
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 48.422 ng  
 RT: 14.89 min Scan# 2024  
 Delta R.T. -0.01 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114669BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 526518 |       |       |
| 131     | 44.0  |        | 34.8  | 52.2  |
| 130     | 2.3   |        | 1.9   | 2.9   |
| 166     | 31.2  |        | 25.3  | 37.9  |

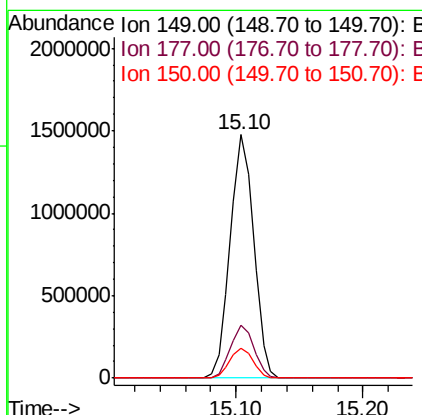
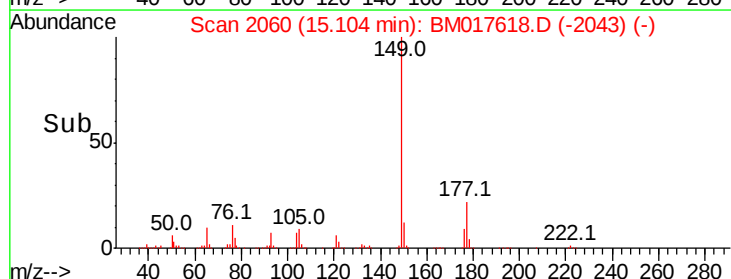
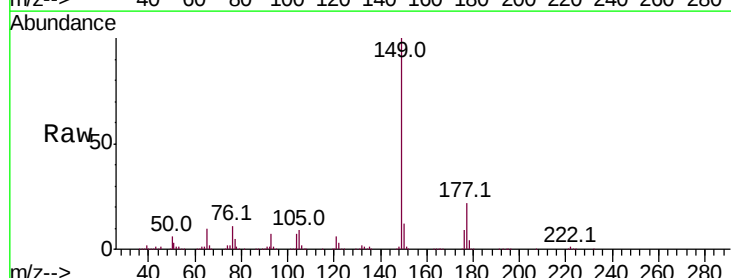
Manual Integrations  
 APPROVED

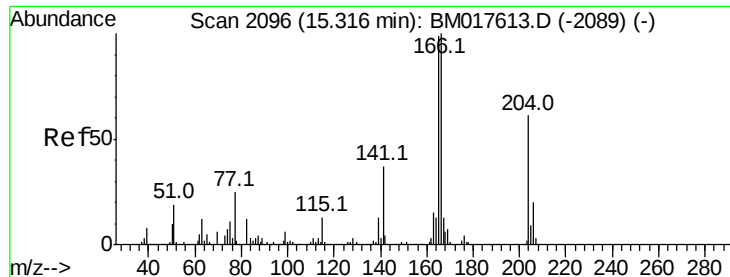
Sohil  
 11/13/2018 2:25:32 PM



#60  
 Diethylphthalate  
 Concen: 42.607 ng  
 RT: 15.10 min Scan# 2060  
 Delta R.T. 0.00 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1897322 |       |       |
| 177     | 21.6  |         | 18.1  | 27.1  |
| 150     | 12.1  |         | 9.9   | 14.9  |





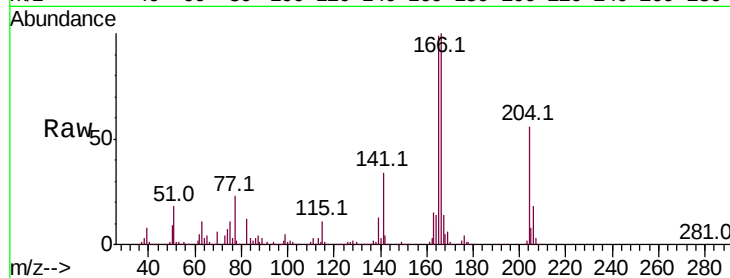
#61  
4-Chlorophenyl-phenylether  
Concen: 42.740 ng  
RT: 15.32 min Scan# 2096  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampled :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 25.9  | 38.9  |
| 141     | 60.7  | 47.9  | 71.9  |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM

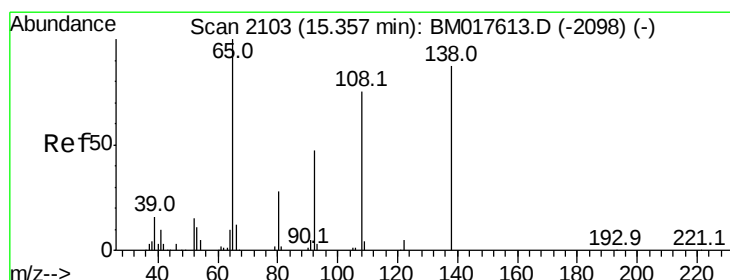
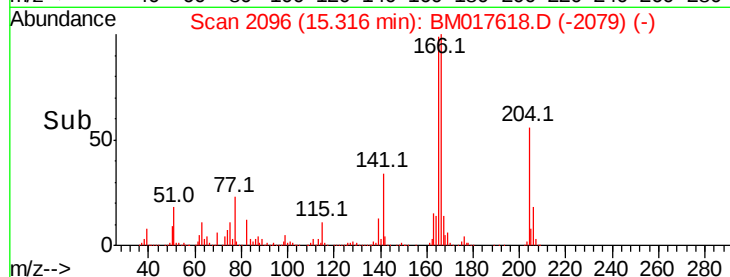
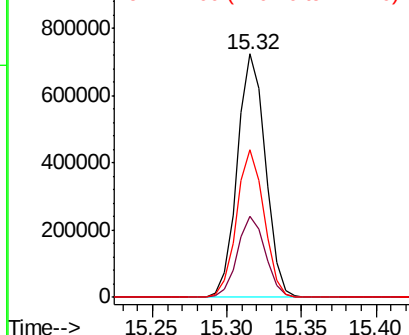


Abundance

Ion 204.00 (203.70 to 204.70): E

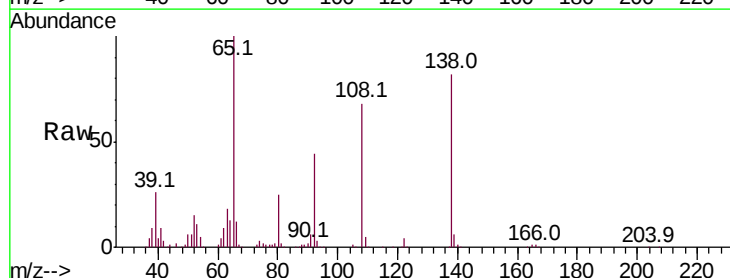
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 43.144 ng  
RT: 15.36 min Scan# 2103  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.0  | 33.4  | 73.4  |
| 108     | 83.7  | 64.3  | 104.3 |

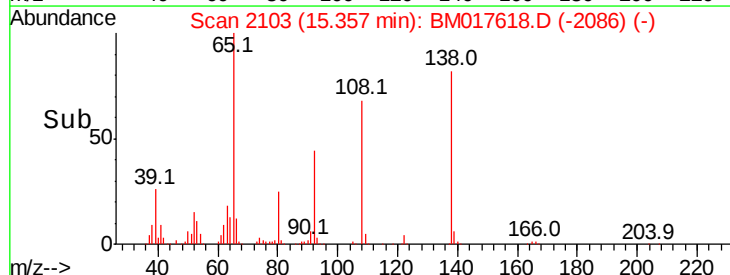
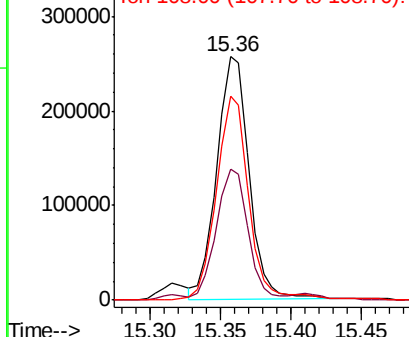


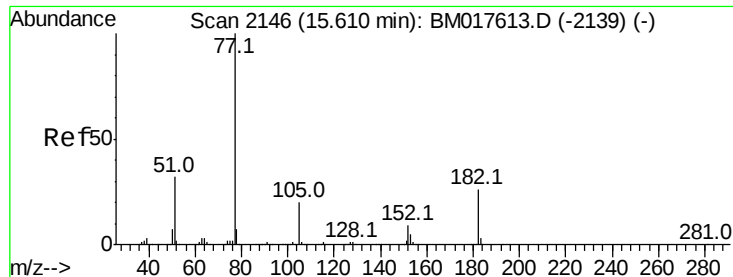
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





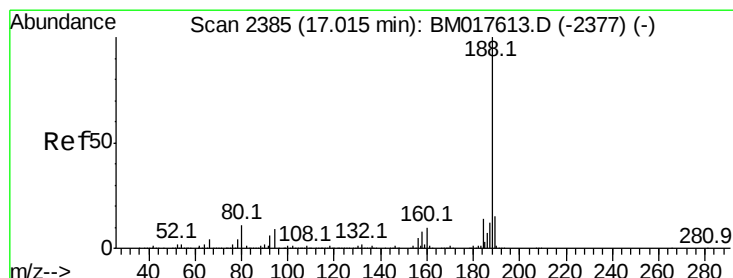
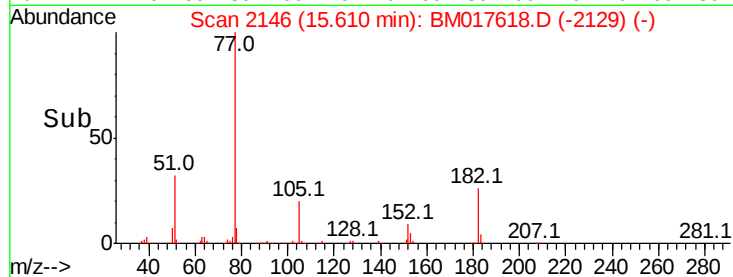
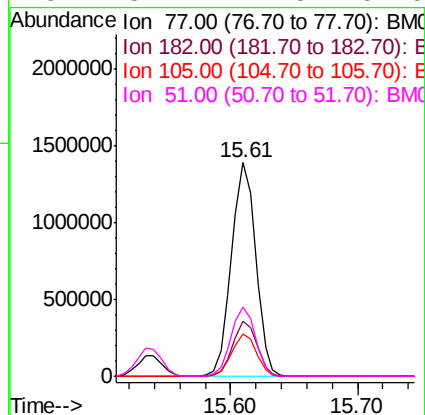
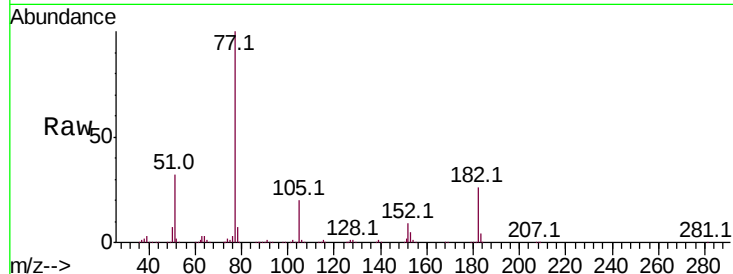
#63  
Azobenzene  
Concen: 44.512 ng  
RT: 15.61 min Scan# 2146  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 25.8 | 5.8   | 45.8  |       |
| 105     | 19.9 | 0.0   | 40.0  |       |
| 51      | 32.1 | 12.5  | 52.5  |       |

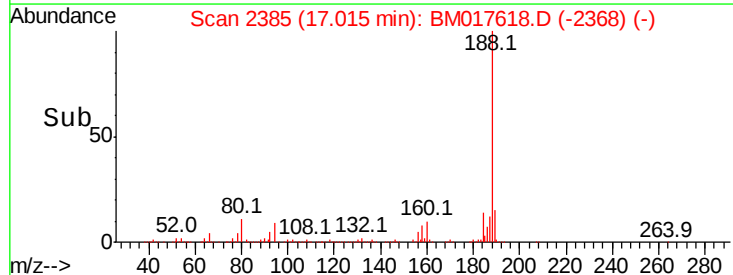
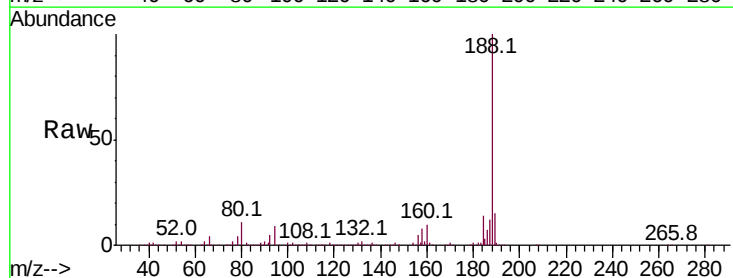
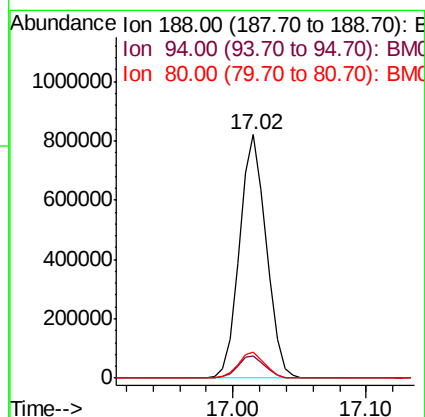
Manual Integrations  
APPROVED

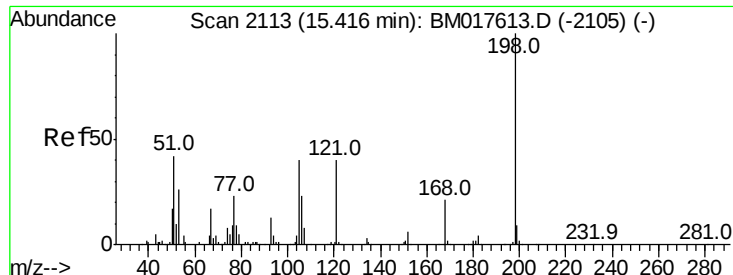
Sohil  
11/13/2018 2:25:32 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.02 min Scan# 2385  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 9.3  | 7.5   | 11.3  |       |
| 80      | 10.6 | 8.6   | 13.0  |       |





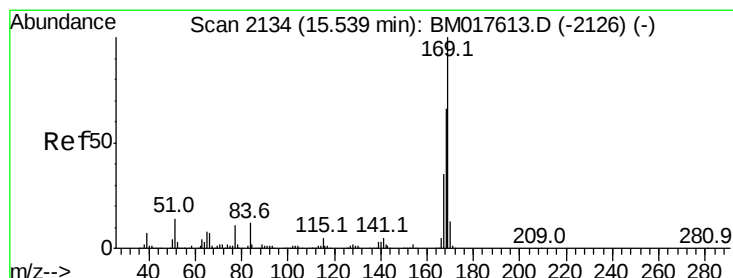
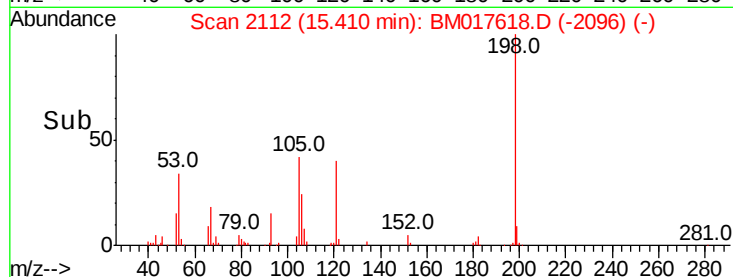
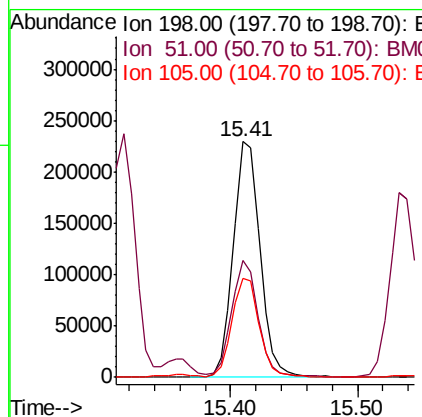
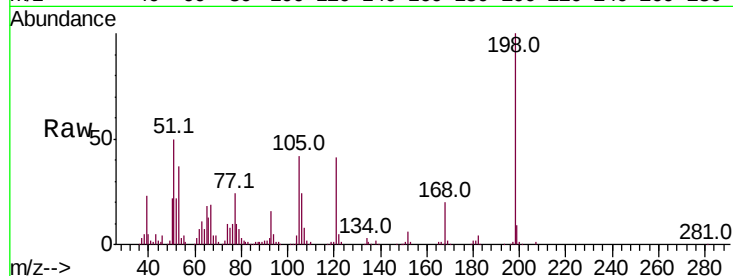
#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.468 ng  
RT: 15.41 min Scan# 2112  
Delta R.T. -0.01 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 334472 |       |       |
| 51      | 49.6  | 25.9   | 65.9  |       |
| 105     | 42.2  | 20.6   | 60.6  |       |

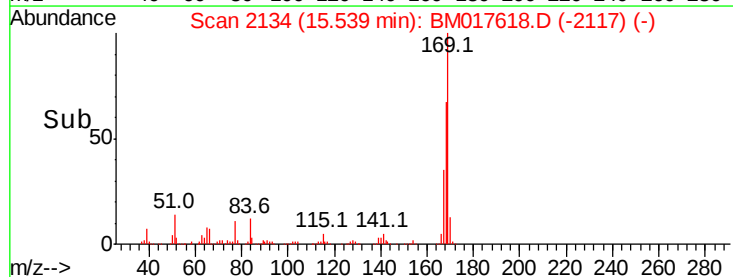
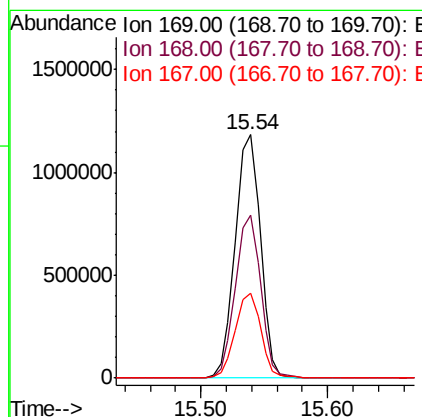
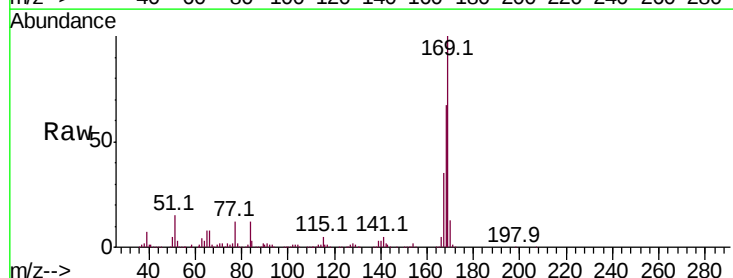
Manual Integrations  
APPROVED

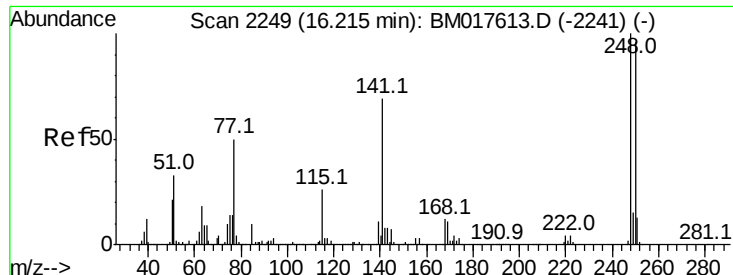
Sohil  
11/13/2018 2:25:32 PM



#66  
n-Nitrosodiphenylamine  
Concen: 44.566 ng  
RT: 15.54 min Scan# 2134  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1628987 |       |       |
| 168     | 67.1  | 53.0    | 79.6  |       |
| 167     | 34.7  | 28.0    | 42.0  |       |





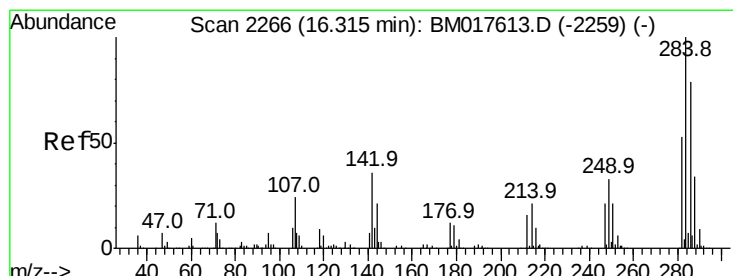
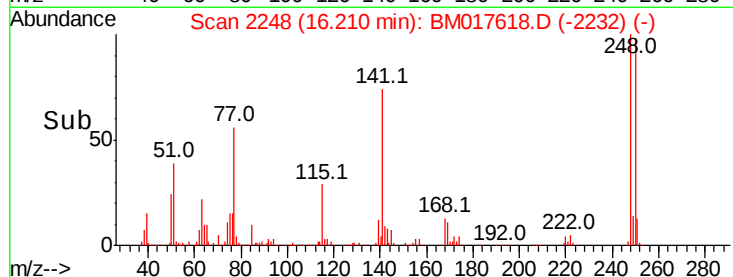
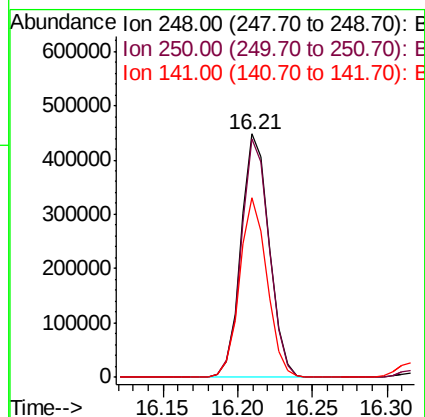
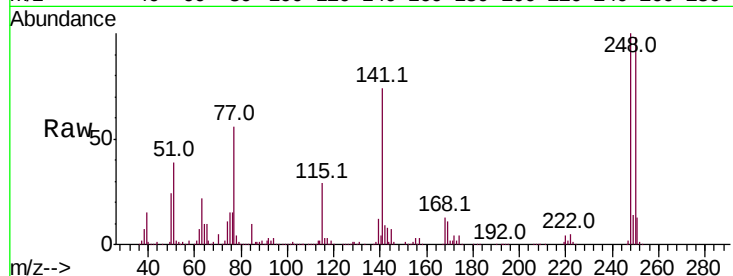
#67  
4-Bromophenyl-phenylether  
Concen: 43.640 ng  
RT: 16.21 min Scan# 2248  
Delta R.T. -0.01 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.1  | 76.5  | 114.7 |
| 141     | 73.7  | 54.9  | 82.3  |

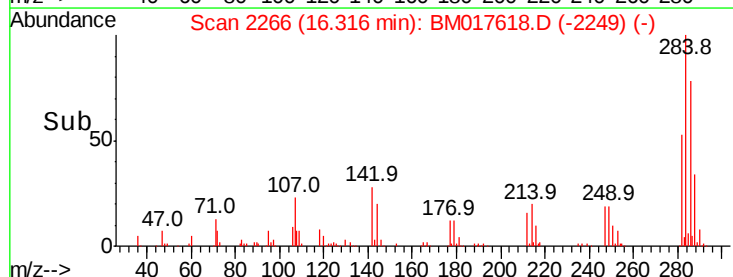
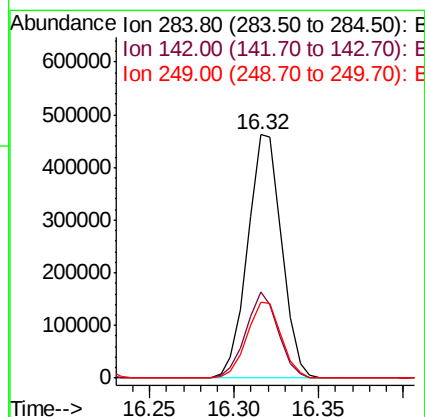
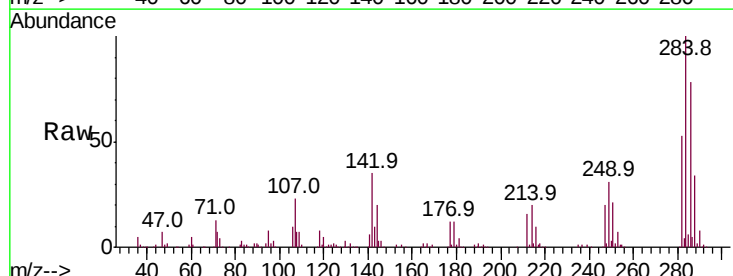
Manual Integrations  
APPROVED

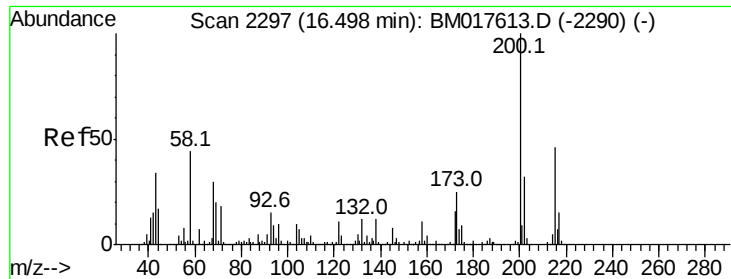
Sohil  
11/13/2018 2:25:32 PM



#68  
Hexachlorobenzene  
Concen: 42.873 ng  
RT: 16.32 min Scan# 2266  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.4  | 28.4  | 42.6  |
| 249     | 31.4  | 26.4  | 39.6  |





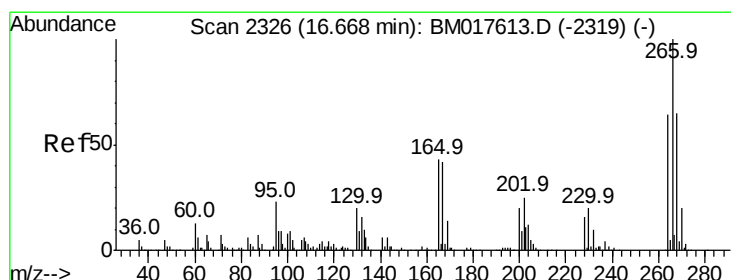
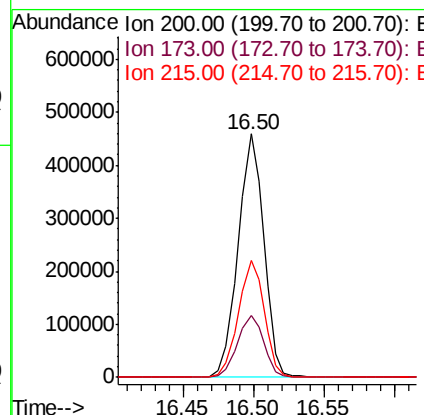
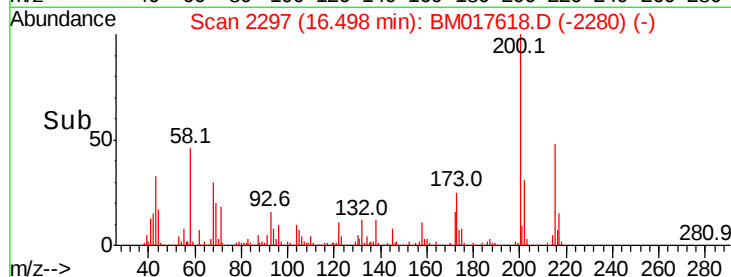
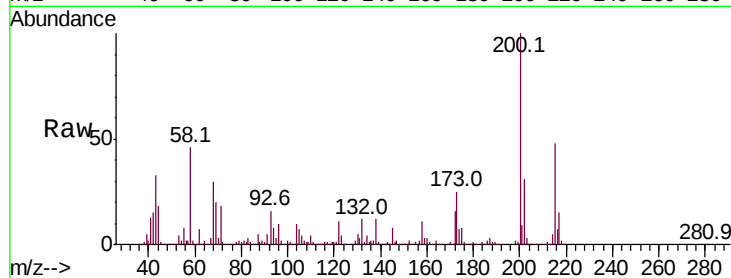
#69  
Atrazine  
Concen: 43.473 ng  
RT: 16.50 min Scan# 2297  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.4  | 5.1        | 45.1  |
| 215     | 47.8  | 25.8       | 65.8  |

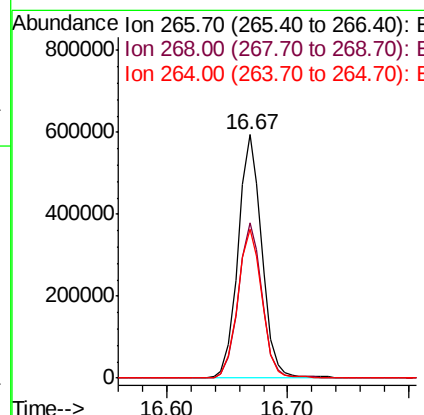
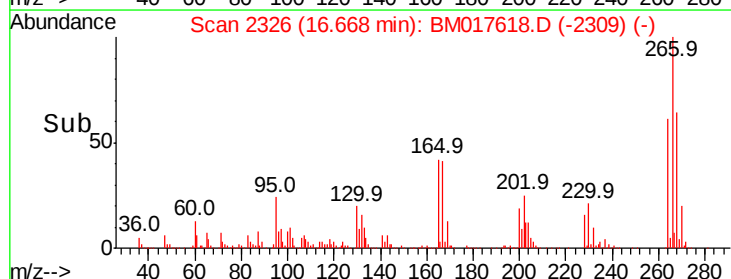
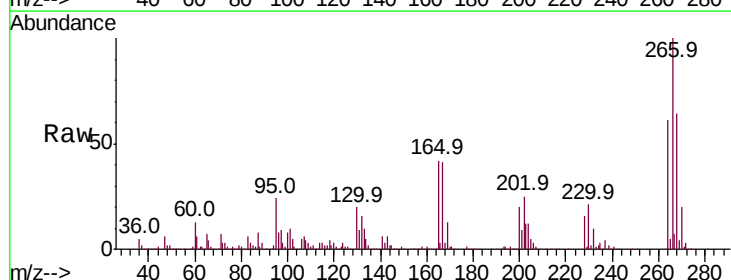
Manual Integrations  
APPROVED

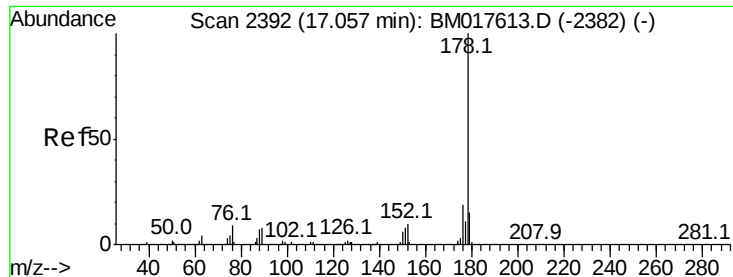
Sohil  
11/13/2018 2:25:32 PM



#70  
Pentachlorophenol  
Concen: 76.761 ng  
RT: 16.67 min Scan# 2326  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.9  | 51.7       | 77.5  |
| 264     | 61.3  | 51.3       | 76.9  |





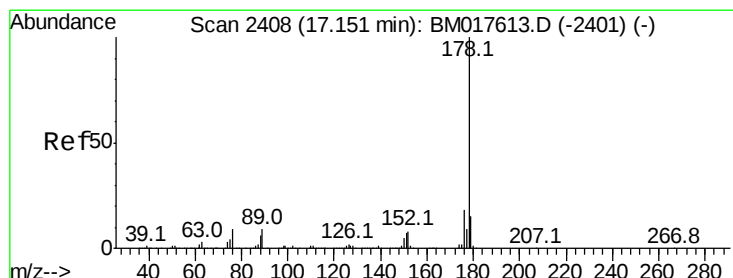
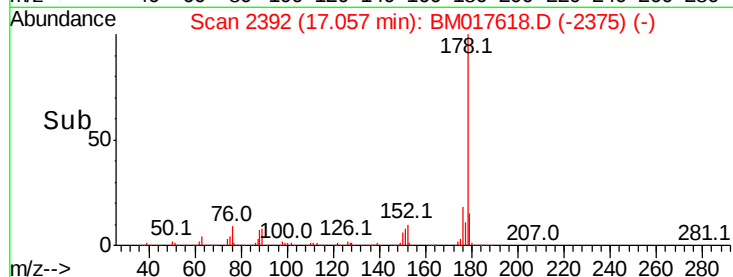
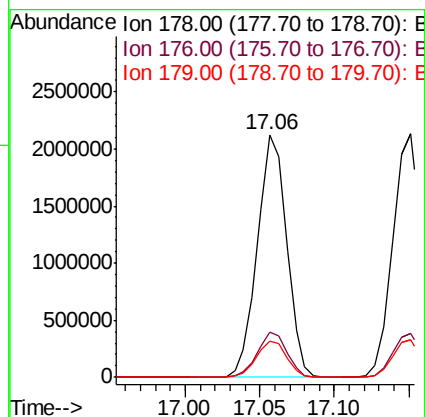
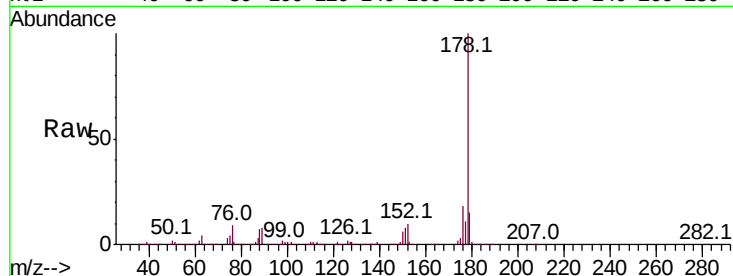
#71  
Phenanthrene  
Concen: 46.833 ng  
RT: 17.06 min Scan# 2392  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 15.0  | 22.4  |
| 179     | 15.2  | 12.4  | 18.6  |

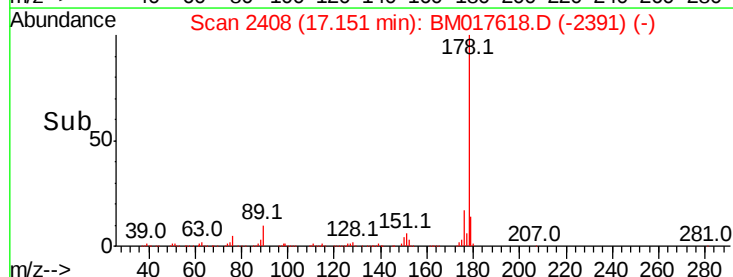
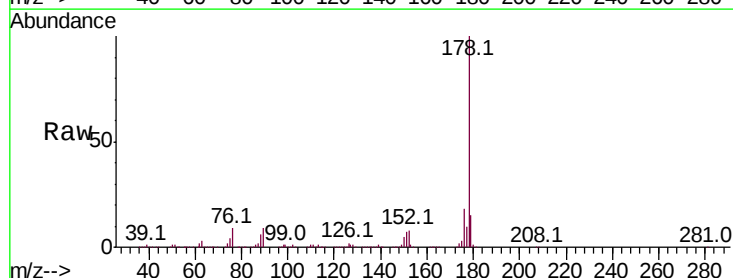
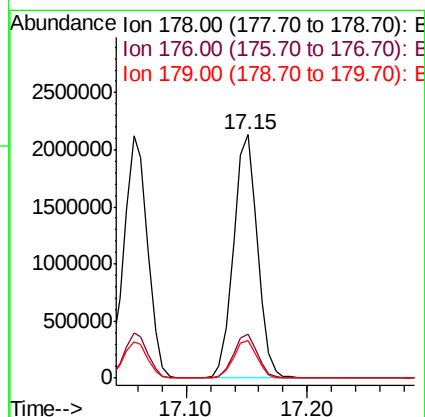
Manual Integrations  
APPROVED

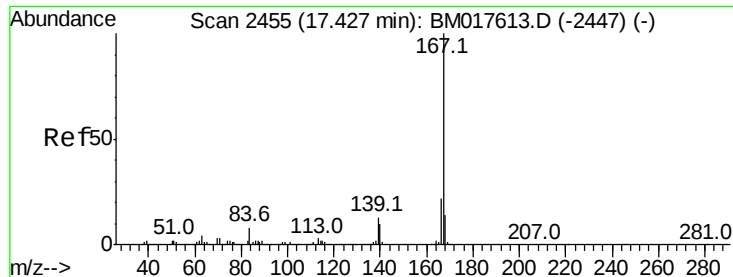
Sohil  
11/13/2018 2:25:32 PM



#72  
Anthracene  
Concen: 48.960 ng  
RT: 17.15 min Scan# 2408  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 14.5  | 21.7  |
| 179     | 15.3  | 12.3  | 18.5  |





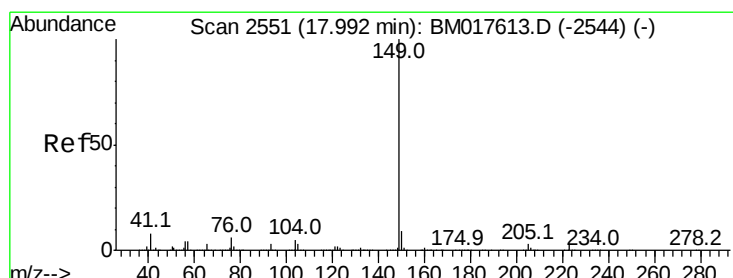
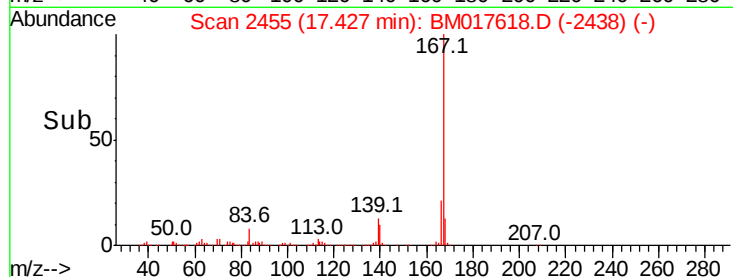
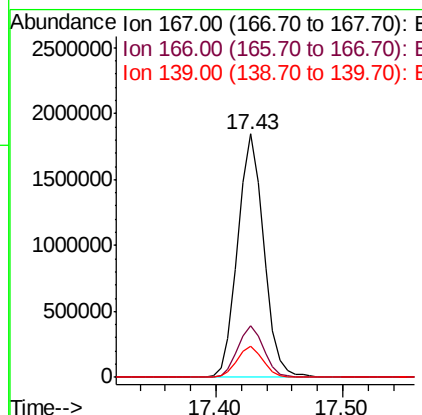
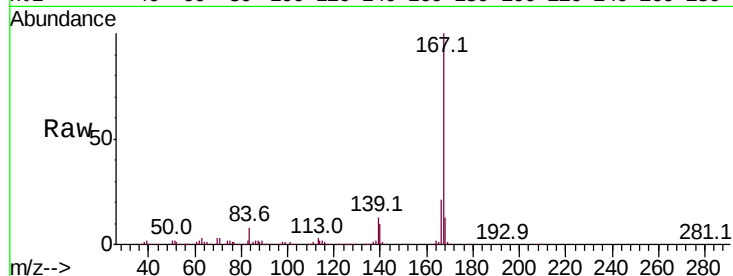
#73  
 Carbazole  
 Concen: 43.325 ng  
 RT: 17.43 min Scan# 2455  
 Delta R.T. 0.00 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 17.2  | 25.8  |
| 139     | 12.6  | 10.2  | 15.4  |

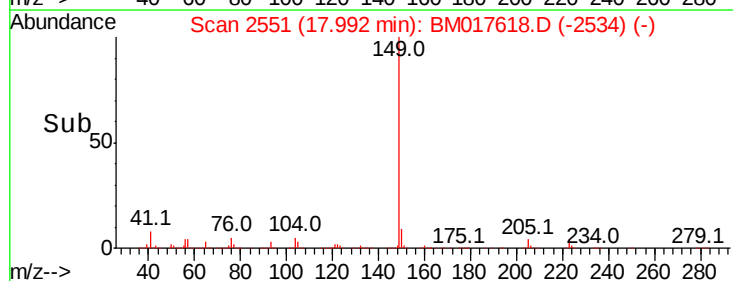
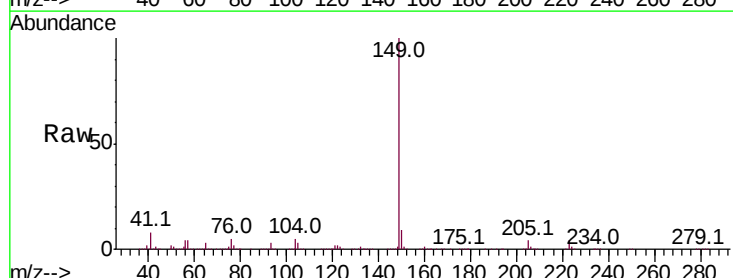
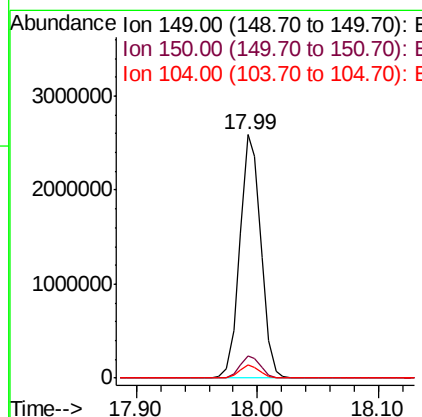
Manual Integrations  
 APPROVED

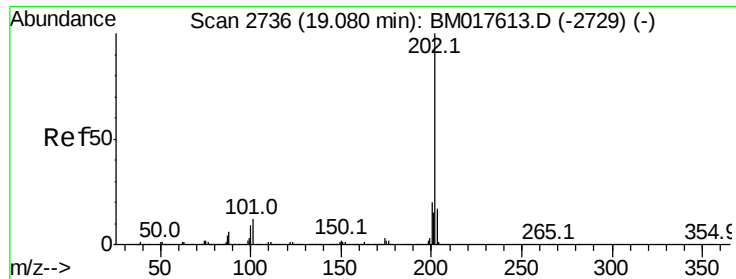
Sohil  
 11/13/2018 2:25:32 PM



#74  
 Di-n-butylphthalate  
 Concen: 46.556 ng  
 RT: 17.99 min Scan# 2551  
 Delta R.T. 0.00 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.4   | 11.2  |
| 104     | 5.2   | 4.3   | 6.5   |





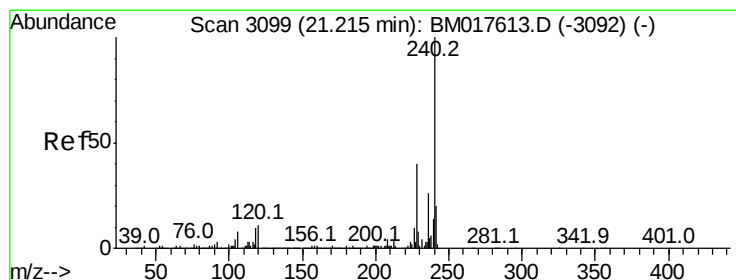
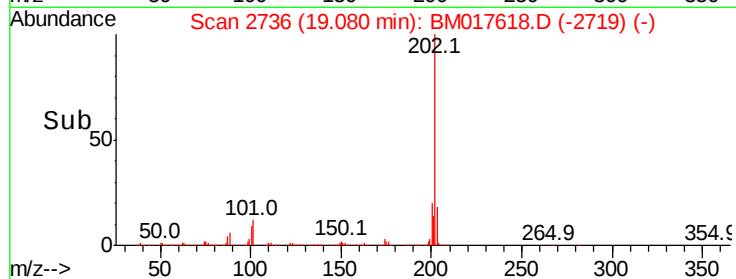
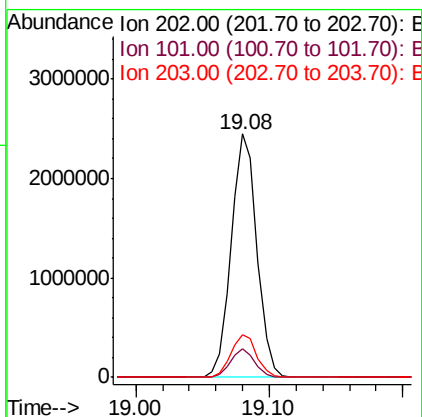
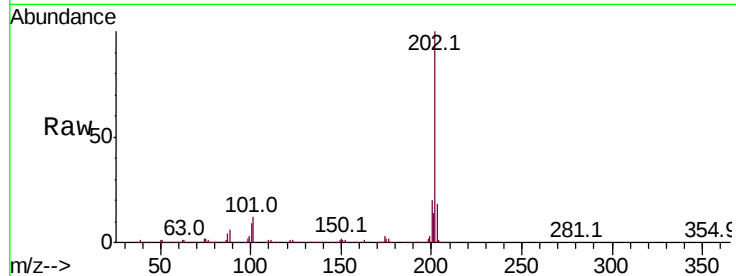
#75  
 Fluoranthene  
 Concen: 47.000 ng  
 RT: 19.08 min Scan# 2736  
 Delta R.T. 0.00 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.7  | 0.0   | 31.5  |
| 203     | 17.7  | 0.0   | 37.2  |

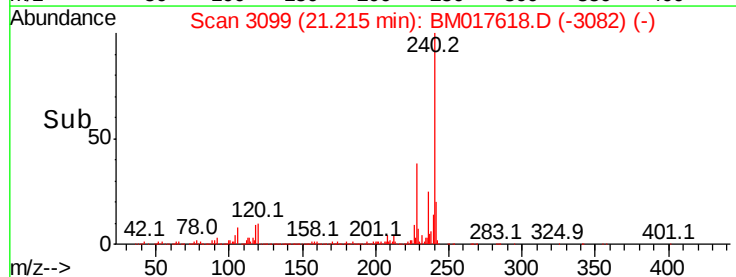
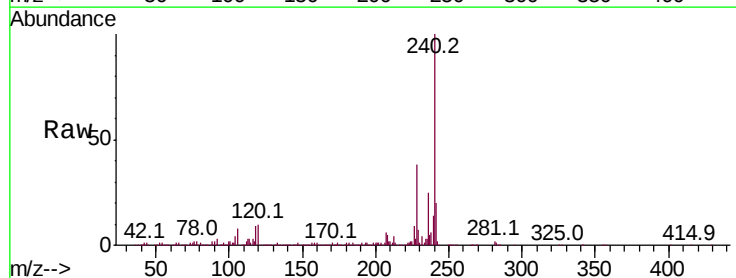
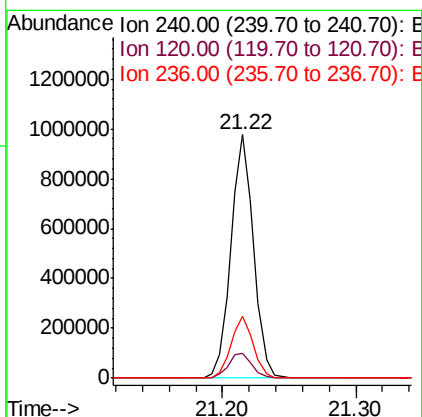
Manual Integrations  
 APPROVED

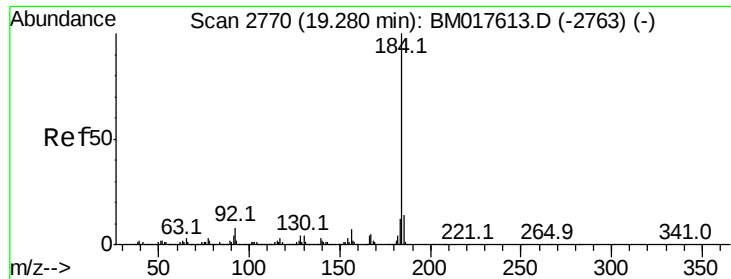
Sohil  
 11/13/2018 2:25:32 PM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.22 min Scan# 3099  
 Delta R.T. 0.00 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.3  | 8.5   | 12.7  |
| 236     | 25.1  | 20.4  | 30.6  |





#77

Benzidine

Concen: 53.243 ng

RT: 19.28 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

ClientSampleId :

PB114669BS

Tot Ion:184 Resp: 2005975

Ion Ratio Lower Upper

184 100

185 14.2 11.2 16.8

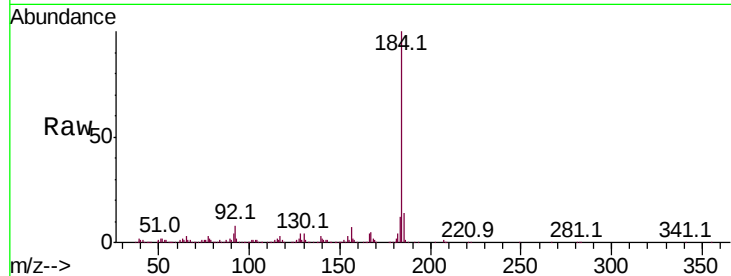
183 11.7 9.5 14.3

Manual Integrations

APPROVED

Sohil

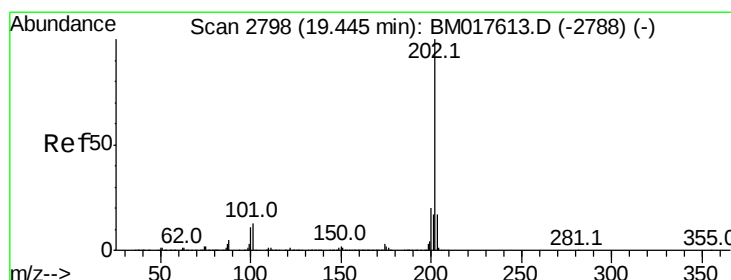
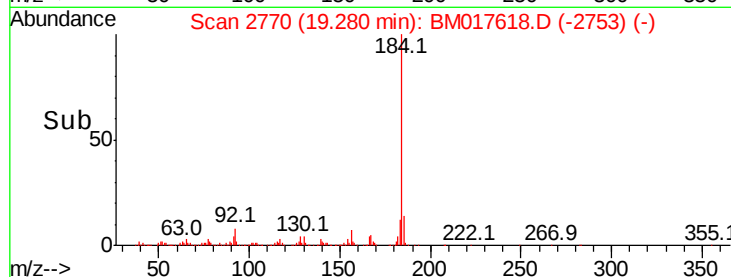
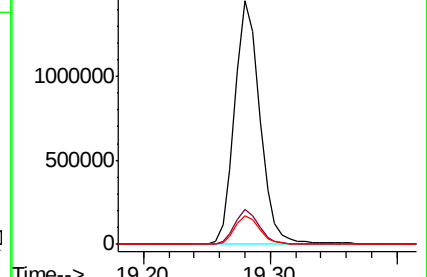
11/13/2018 2:25:32 PM



Abundance Ion 184.00 (183.70 to 184.70): E

2000000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.452 ng

RT: 19.44 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

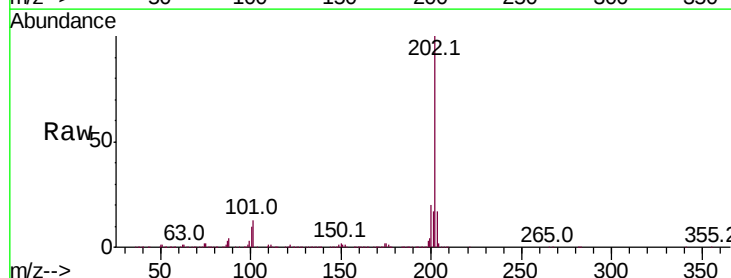
Tgt Ion:202 Resp: 3387515

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

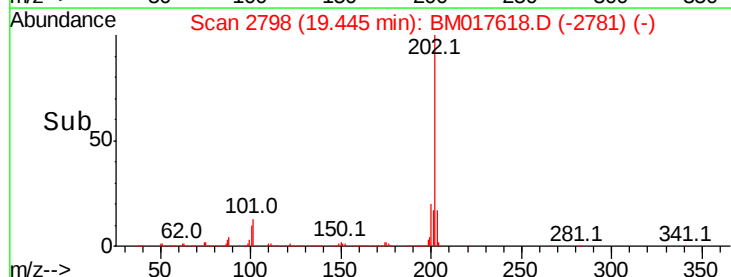
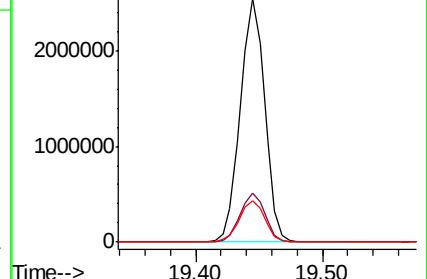
203 17.2 13.8 20.8

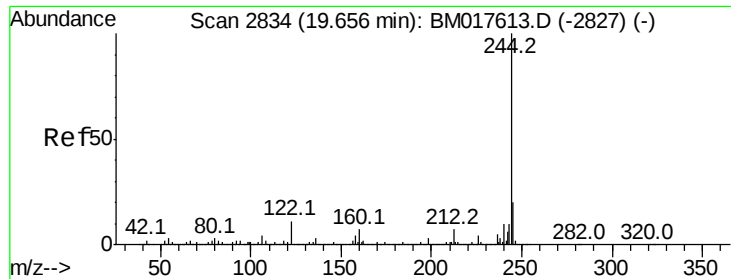


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





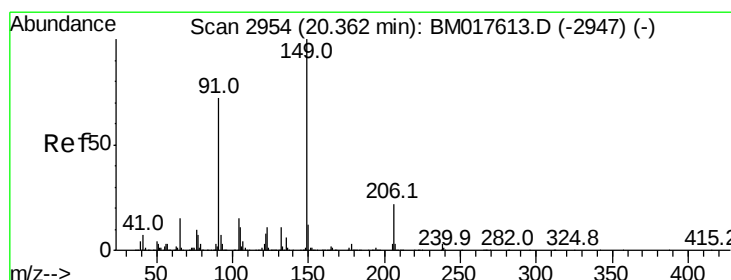
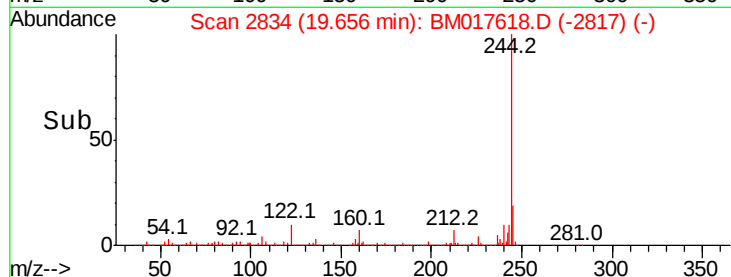
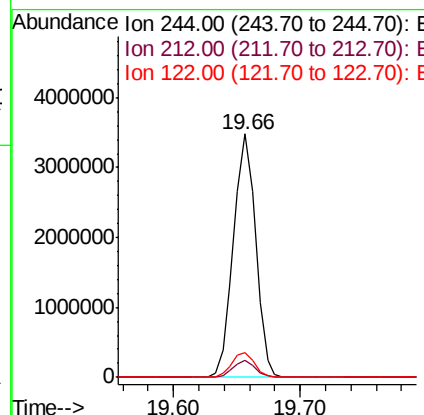
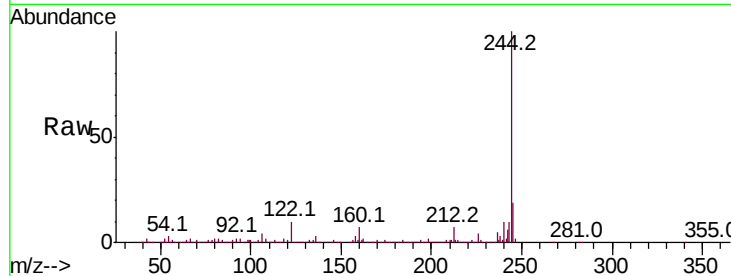
#79  
 Terphenyl-d14  
 Concen: 82.547 ng  
 RT: 19.66 min Scan# 2834  
 Delta R.T. 0.00 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.8   | 8.6   |
| 122     | 10.4  | 9.0   | 13.6  |

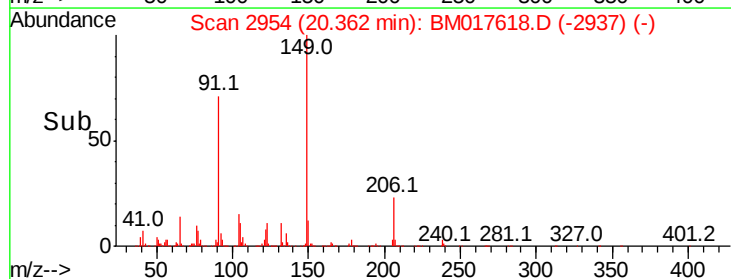
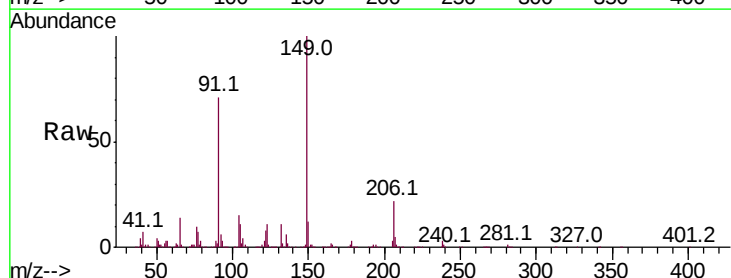
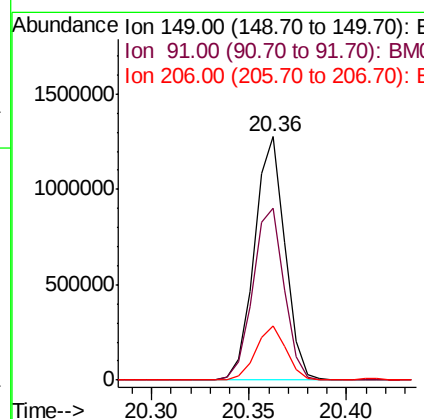
Manual Integrations  
 APPROVED

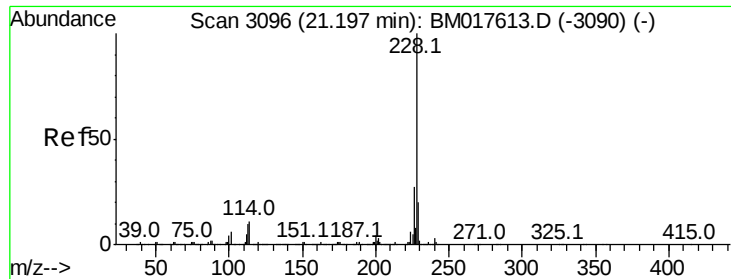
Sohil  
 11/13/2018 2:25:32 PM



#80  
 Butylbenzylphthalate  
 Concen: 47.739 ng  
 RT: 20.36 min Scan# 2954  
 Delta R.T. 0.00 min  
 Lab File: BM017618.D  
 Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.7  | 57.6  | 86.4  |
| 206     | 22.5  | 17.4  | 26.0  |





#81

Benzo(a)anthracene

Concen: 47.817 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

ClientSampleId :

PB114669BS

Tot Ion:228 Resp: 3187319

Ion Ratio Lower Upper

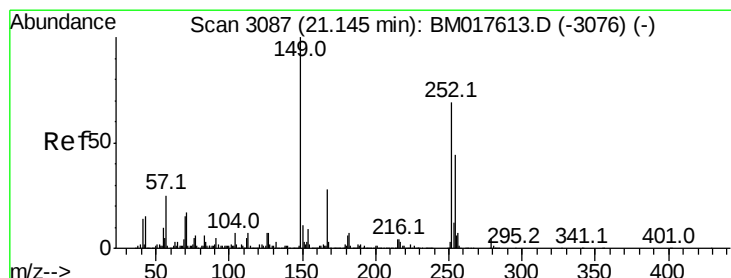
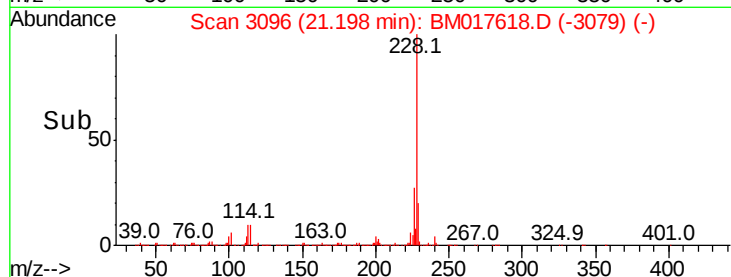
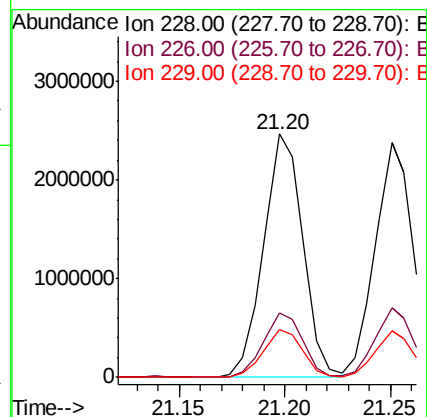
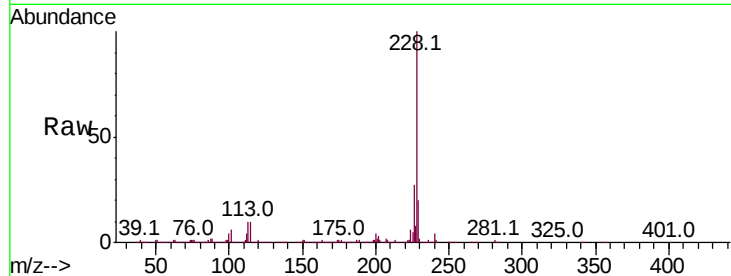
228 100

226 26.7 21.3 31.9

229 19.5 16.0 24.0

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM



#82

3,3'-Dichlorobenzidine

Concen: 30.568 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

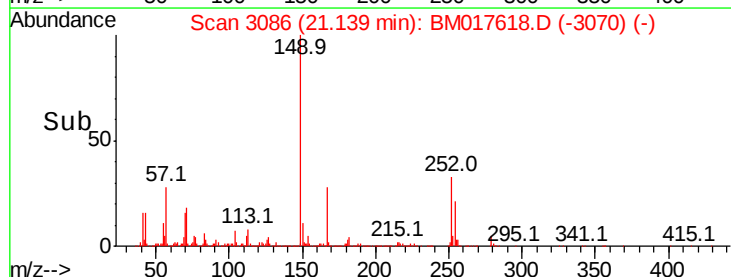
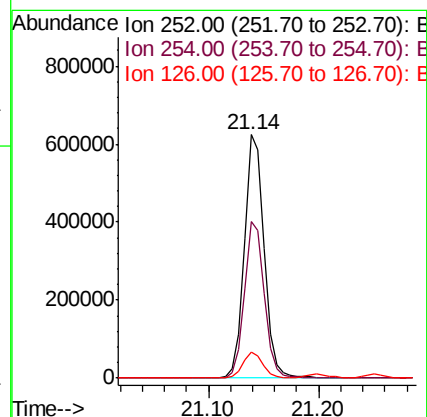
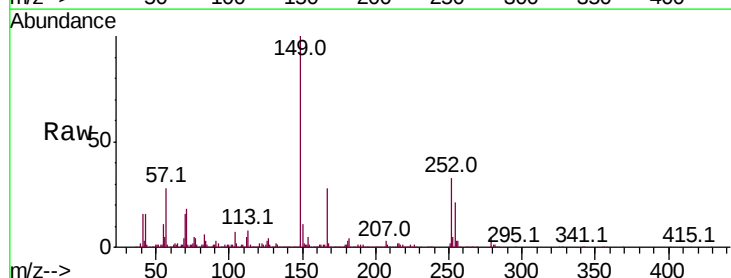
Tgt Ion:252 Resp: 786376

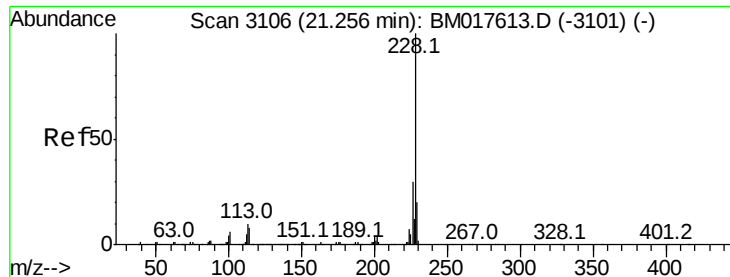
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 10.6 8.0 12.0





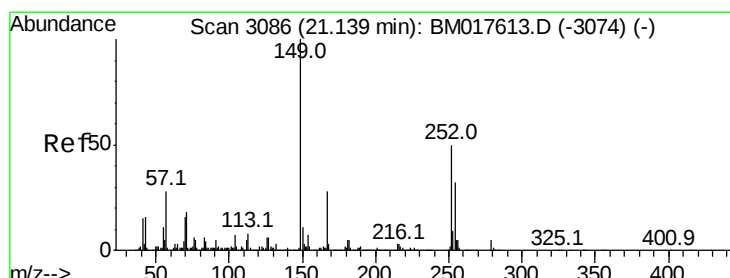
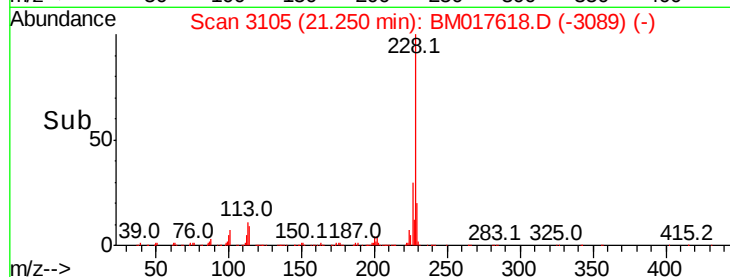
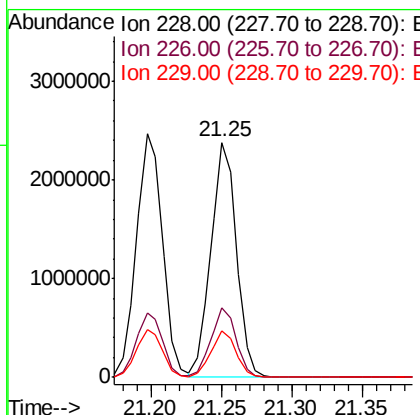
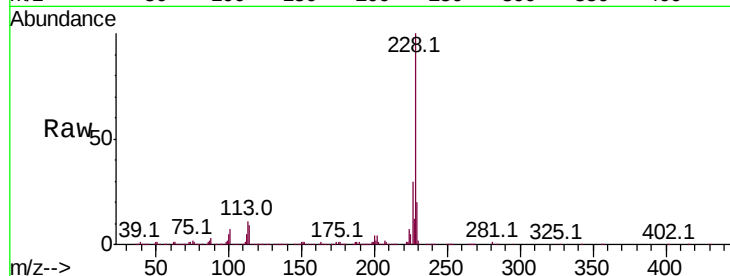
#83  
Chrysene  
Concen: 45.970 ng  
RT: 21.25 min Scan# 3105  
Delta R.T. -0.01 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 23.6  | 35.4  |
| 229     | 20.0  | 15.8  | 23.6  |

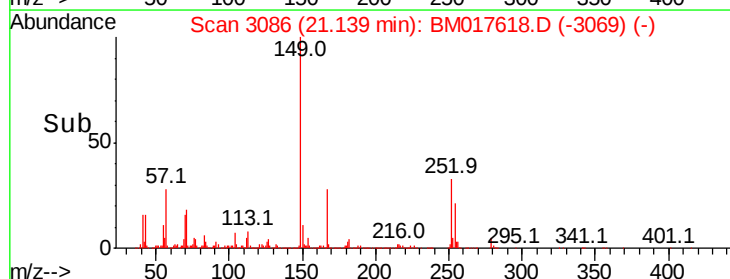
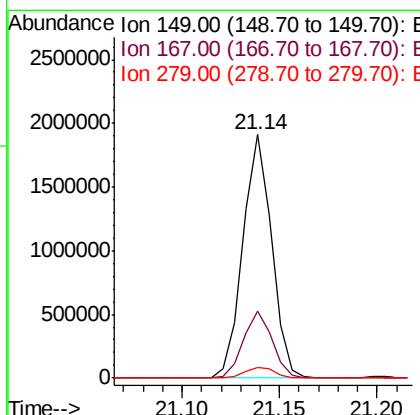
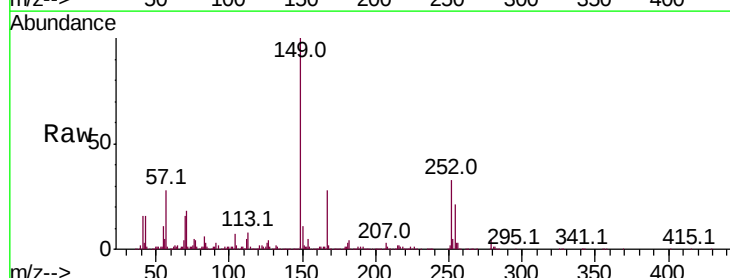
Manual Integrations  
APPROVED

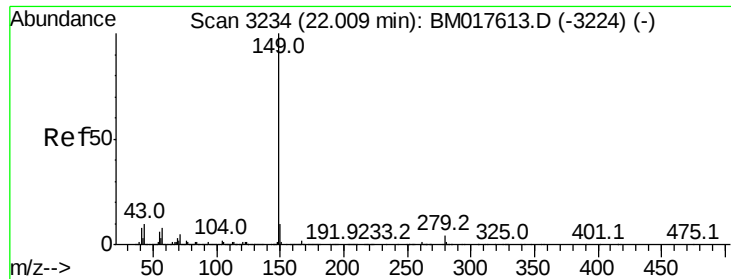
Sohil  
11/13/2018 2:25:32 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.608 ng  
RT: 21.14 min Scan# 3086  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.6  | 22.2  | 33.4  |
| 279     | 4.6   | 3.7   | 5.5   |





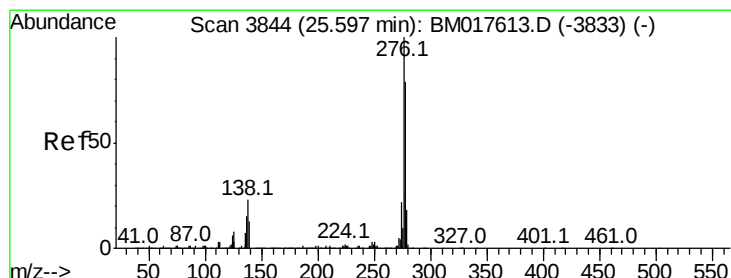
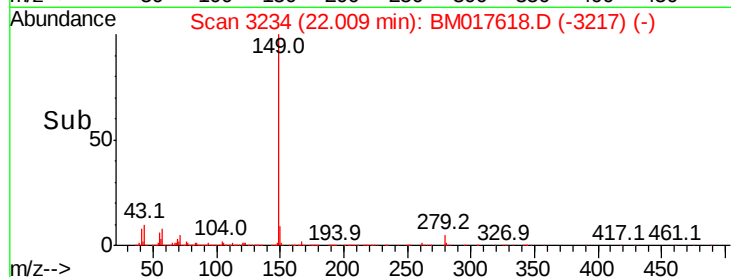
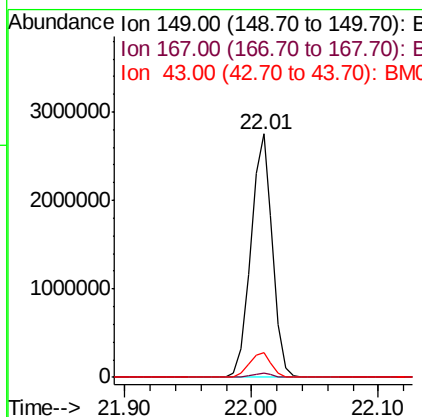
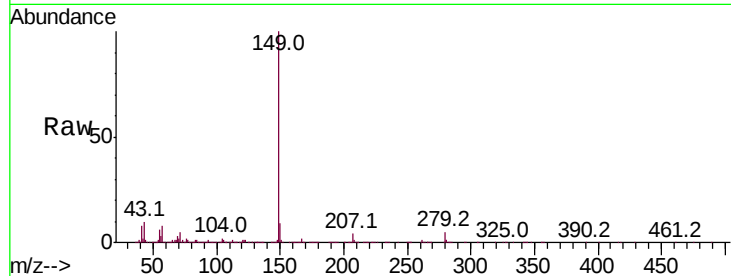
#85  
Di-n-octyl phthalate  
Concen: 47.130 ng  
RT: 22.01 min Scan# 3234  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 10.4  | 8.3   | 12.5  |

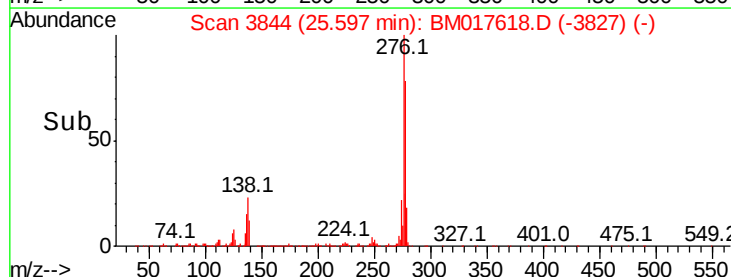
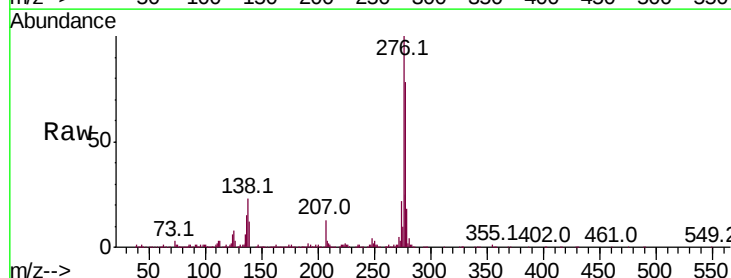
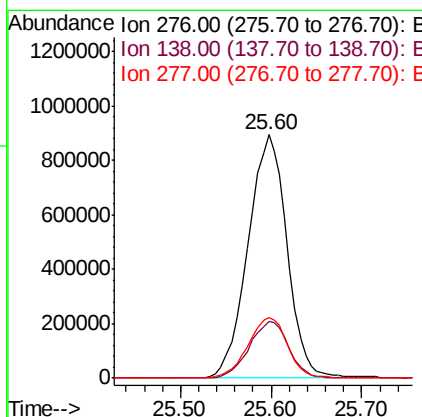
Manual Integrations  
APPROVED

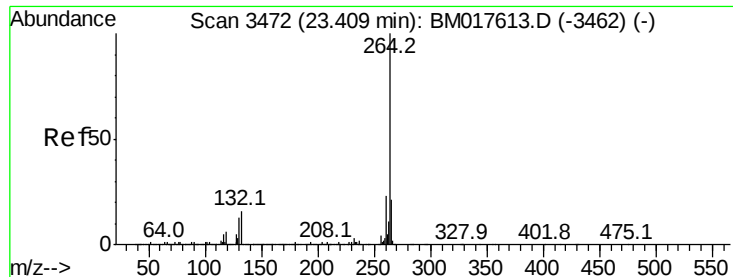
Sohil  
11/13/2018 2:25:32 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 51.678 ng  
RT: 25.60 min Scan# 3844  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.6  | 19.1  | 28.7  |
| 277     | 25.2  | 20.0  | 30.0  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

Instrument :

BNA\_M

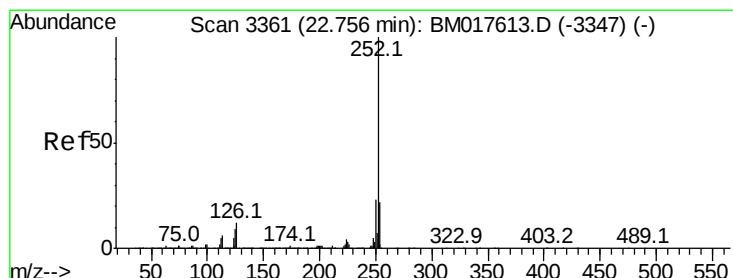
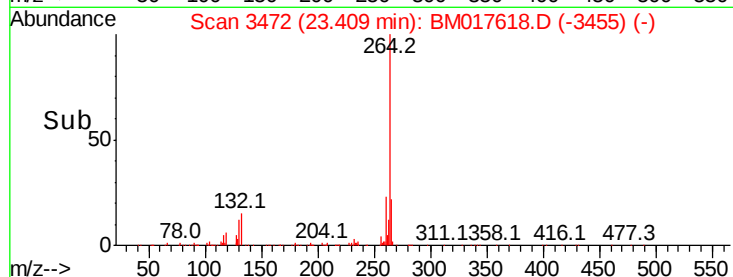
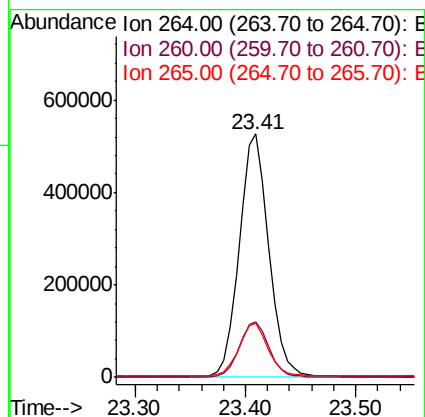
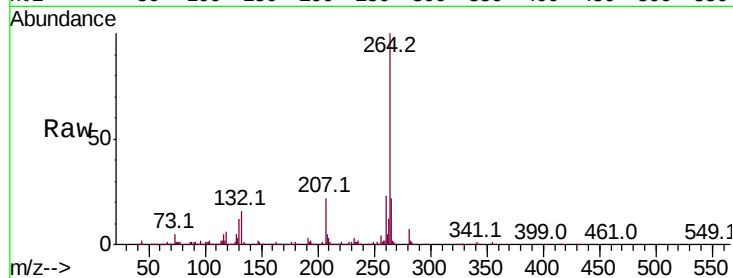
ClientSampleId :

PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.7  | 18.2  | 27.2  |
| 265     | 22.3  | 17.5  | 26.3  |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM



#88

Benzo(b)fluoranthene

Concen: 48.998 ng

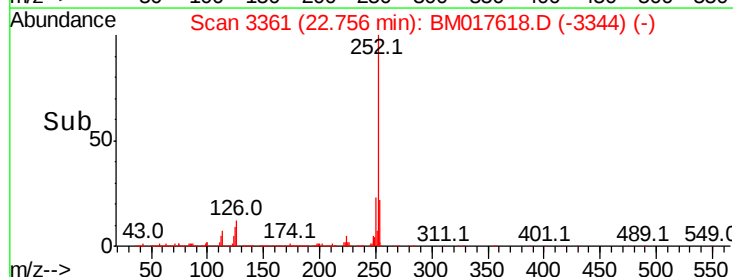
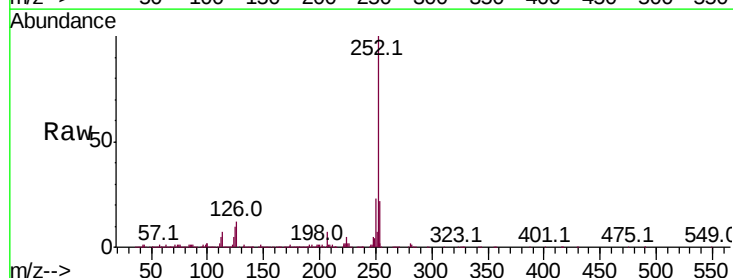
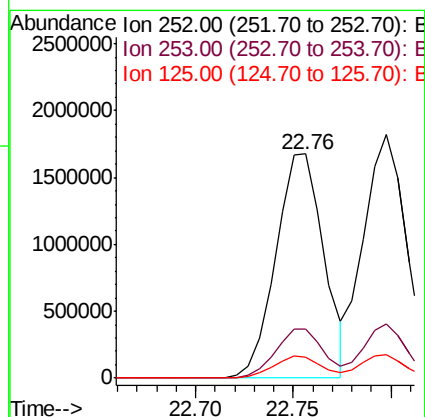
RT: 22.76 min Scan# 3361

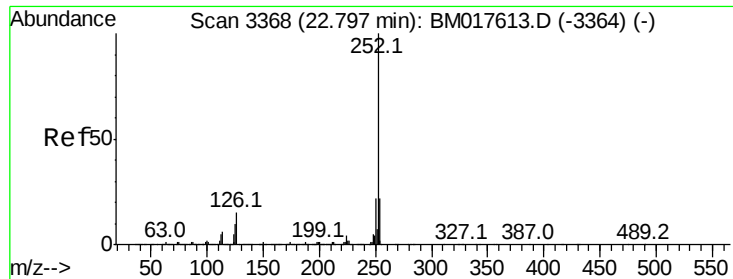
Delta R.T. 0.00 min

Lab File: BM017618.D

Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.3  | 25.9  |
| 125     | 9.6   | 7.6   | 11.4  |





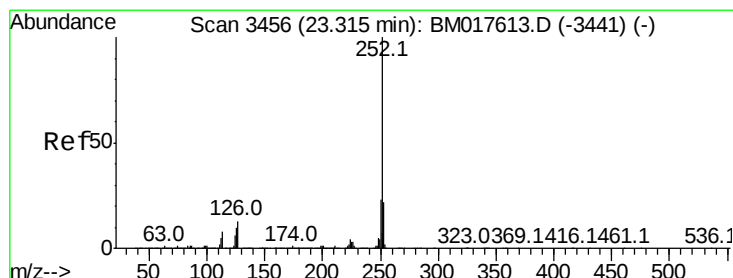
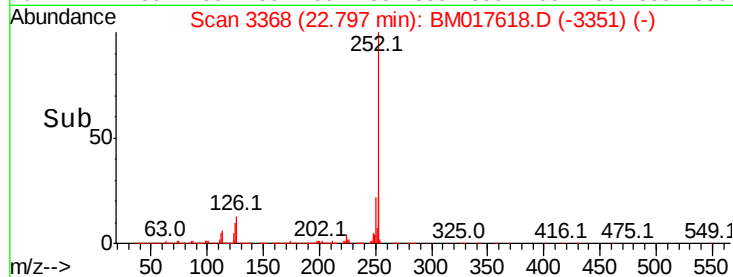
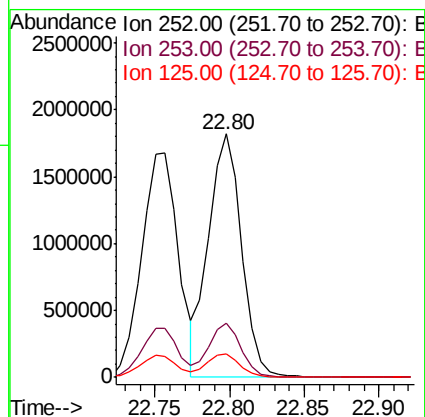
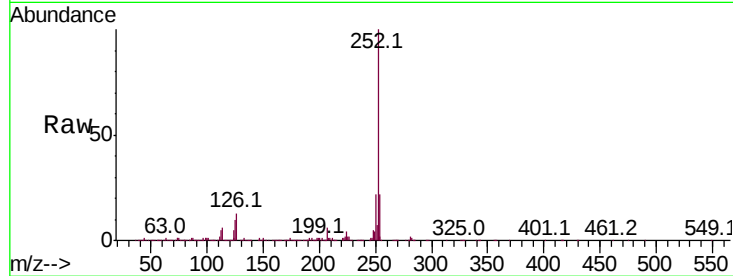
#89  
Benzo(k)fluoranthene  
Concen: 47.695 ng  
RT: 22.80 min Scan# 3368  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.7  | 26.5  |
| 125     | 9.7   | 7.9   | 11.9  |

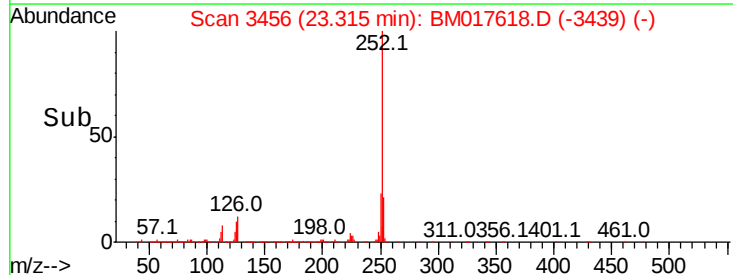
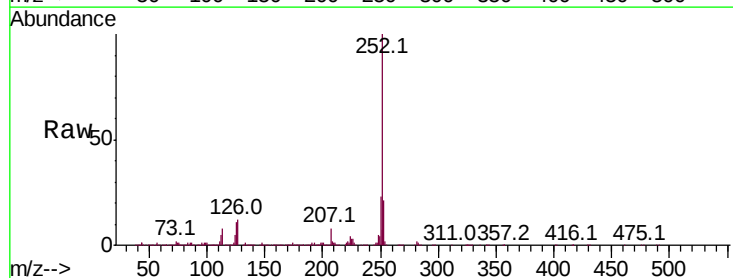
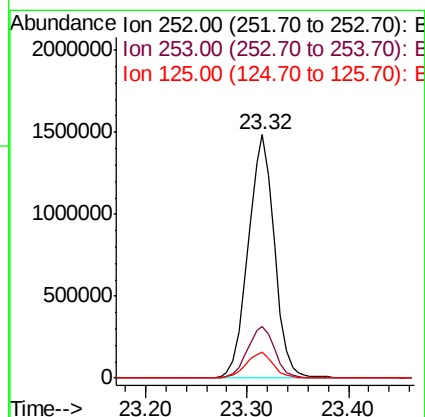
Manual Integrations  
APPROVED

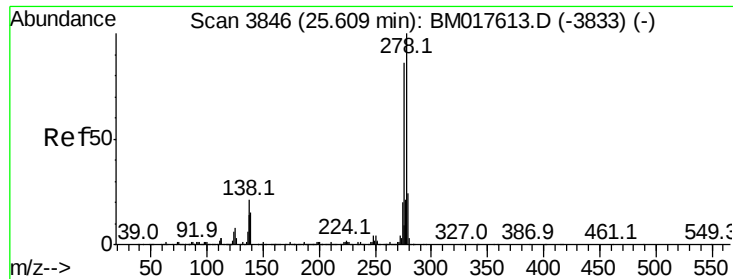
Sohil  
11/13/2018 2:25:32 PM



#90  
Benzo(a)pyrene  
Concen: 49.895 ng  
RT: 23.32 min Scan# 3456  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.2  | 17.4  | 26.2  |
| 125     | 10.5  | 8.2   | 12.2  |





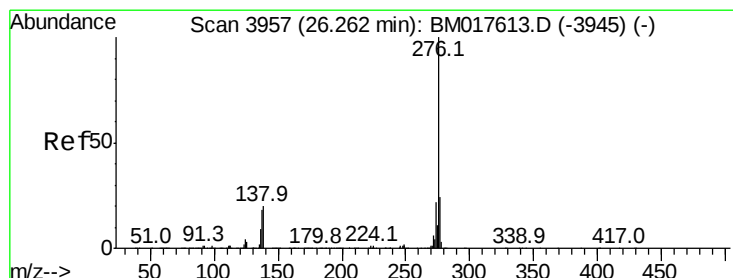
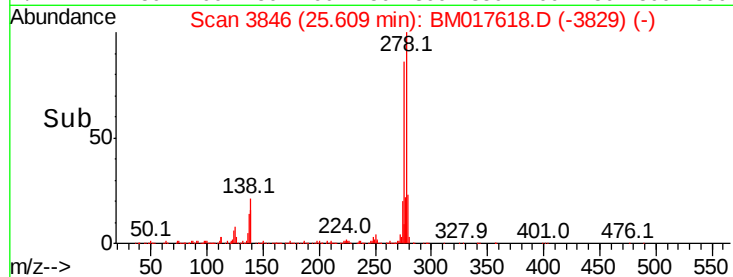
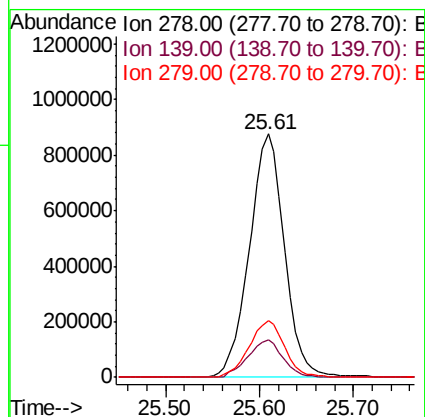
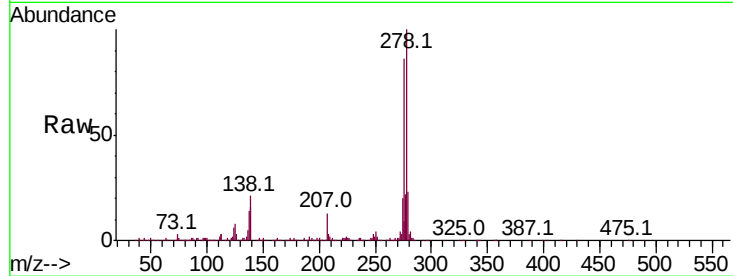
#91  
Dibenzo(a,h)anthracene  
Concen: 50.723 ng  
RT: 25.61 min Scan# 3846  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

Instrument :  
BNA\_M  
ClientSampleId :  
PB114669BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.6  | 11.8  | 17.6  |
| 279     | 23.3  | 19.0  | 28.6  |

Manual Integrations  
APPROVED

Sohil  
11/13/2018 2:25:32 PM



#92  
Benzo(g,h,i)perylene  
Concen: 51.605 ng  
RT: 26.26 min Scan# 3957  
Delta R.T. 0.00 min  
Lab File: BM017618.D  
Acq: 12 Nov 2018 18:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 19.0  | 28.4  |
| 138     | 20.1  | 15.9  | 23.9  |

