

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\  
 Data File : BM016562.D  
 Acq On : 23 Aug 2018 21:22  
 Operator : SJ/JU  
 Sample : PB112325BSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

Manual Integrations  
 APPROVED

Sohil  
 8/24/2018 8:40:55 AM

Quant Time: Aug 24 08:21:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 21 16:31:22 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 176011m  | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.82 | 136  | 688610   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.65 | 164  | 544876   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.40 | 188  | 1640488  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.54 | 240  | 2089927  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.82 | 264  | 1826603  | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.55  | 112  | 868620   | 96.71  | ng    | 0.00     |
| 7) Phenol-d6                | 7.19  | 99   | 1087799  | 91.52  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.20  | 82   | 1207766  | 80.08  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 16.15 | 330  | 1480109  | 97.17  | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.27 | 172  | 5090311  | 89.80  | ng    | -0.01    |
| 78) Terphenyl-d14           | 19.99 | 244  | 9920544  | 100.47 | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|--------------------------------|-------|------|----------|---------|-------|--------|
| 2) 1,4-Dioxane                 | 3.38  | 88   | 171395   | 34.540  | ng    | # 100  |
| 3) Pyridine                    | 3.80  | 79   | 332361   | 32.192  | ng    | # 81   |
| 4) n-Nitrosodimethylamine      | 3.72  | 42   | 205418   | 44.662  | ng    | # 73   |
| 6) Aniline                     | 7.35  | 93   | 454894   | 34.202  | ng    | # 89   |
| 8) 2-Chlorophenol              | 7.57  | 128  | 470843   | 44.054  | ng    | # 96   |
| 9) Benzaldehyde                | 7.16  | 77   | 208537   | 25.281  | ng    | # 79   |
| 10) Phenol                     | 7.22  | 94   | 501289   | 42.647  | ng    | # 93   |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93   | 342817   | 38.893  | ng    | # 95   |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146  | 552642   | 39.000  | ng    | # 87   |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146  | 562516   | 38.681  | ng    | # 97   |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146  | 565444   | 39.578  | ng    | # 96   |
| 15) Benzyl Alcohol             | 8.27  | 79   | 470294   | 42.608  | ng    | # 78   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45   | 221127   | 36.434  | ng    | # 28   |
| 17) 2-Methylphenol             | 8.47  | 107  | 369871   | 43.453  | ng    | # 74   |
| 18) Hexachloroethane           | 9.07  | 117  | 274554   | 40.981  | ng    | # 43   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70   | 366082   | 39.285  | ng    | # 86   |
| 20) 3+4-Methylphenols          | 8.80  | 107  | 487749   | 41.444  | ng    | # 83   |
| 22) Acetophenone               | 8.86  | 105  | 694254   | 41.868  | ng    | # 97   |
| 24) Nitrobenzene               | 9.24  | 77   | 613819   | 40.734  | ng    | # 91   |
| 25) Isophorone                 | 9.76  | 82   | 979313   | 48.585  | ng    | # 96   |
| 26) 2-Nitrophenol              | 9.95  | 139  | 279898   | 43.449  | ng    | # 47   |
| 27) 2,4-Dimethylphenol         | 10.00 | 122  | 417760   | 49.762  | ng    | # 76   |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93   | 529286   | 43.989  | ng    | # 96   |
| 29) 2,4-Dichlorophenol         | 10.48 | 162  | 648576   | 51.619  | ng    | # 89   |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180  | 935378   | 49.062  | ng    | # 96   |
| 31) Naphthalene                | 10.87 | 128  | 1441065  | 43.924  | ng    | # 99   |
| 32) Benzoic acid               | 10.23 | 122  | 257602   | 36.673  | ng    | # 66   |
| 33) 4-Chloroaniline            | 11.00 | 127  | 357208   | 25.871  | ng    | # 85   |
| 34) Hexachlorobutadiene        | 11.12 | 225  | 893273   | 49.089  | ng    | # 95   |
| 35) Caprolactam                | 11.83 | 113  | 109864m  | 36.440  | ng    | # 97   |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107  | 516248   | 42.739  | ng    | # 97   |
| 37) 2-Methylnaphthalene        | 12.47 | 142  | 1280862  | 49.870  | ng    | # 88   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216  | 1396096  | 45.367  | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.79 | 237  | 1658973  | 105.467 | ng    | # 100  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\  
 Data File : BM016562.D  
 Acq On : 23 Aug 2018 21:22  
 Operator : SJ/JU  
 Sample : PB112325BSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

Manual Integrations  
 APPROVED

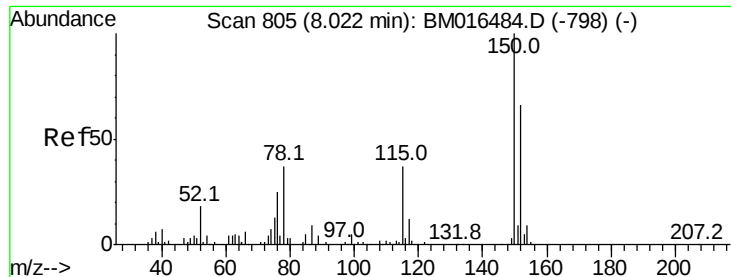
Sohil  
 8/24/2018 8:40:55 AM

Quant Time: Aug 24 08:21:31 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 21 16:31:22 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.10 | 196  | 872059   | 47.389 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 832501m  | 46.313 | nq    |          |
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 1876433  | 39.274 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 1566385  | 40.354 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 365120   | 35.315 | nq    | # 83     |
| 48) Acenaphthylene             | 14.38 | 152  | 2321213  | 42.365 | nq    | 99       |
| 49) Dimethylphthalate          | 14.12 | 163  | 2194704  | 41.925 | nq    | # 98     |
| 50) 2,6-Dinitrotoluene         | 14.26 | 165  | 438904   | 42.986 | nq    | # 88     |
| 51) Acenaphthene               | 14.72 | 154  | 1352085  | 40.167 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.60 | 138  | 231405   | 24.908 | nq    | # 75     |
| 53) 2,4-Dinitrophenol          | 14.82 | 184  | 435197   | 85.171 | nq    | # 69     |
| 54) Dibenzofuran               | 15.06 | 168  | 2859026  | 44.368 | nq    | 96       |
| 55) 4-Nitrophenol              | 14.92 | 139  | 421736   | 71.172 | nq    | # 83     |
| 56) 2,4-Dinitrotoluene         | 15.06 | 165  | 713223   | 41.890 | nq    | # 94     |
| 57) Fluorene                   | 15.70 | 166  | 2294486  | 47.135 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 837133   | 48.454 | nq    | # 100    |
| 59) Diethylphthalate           | 15.47 | 149  | 2074617  | 38.009 | nq    | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.69 | 204  | 1837517  | 45.012 | nq    | # 85     |
| 61) 4-Nitroaniline             | 15.77 | 138  | 278971   | 30.725 | nq    | # 1      |
| 62) Azobenzene                 | 15.99 | 77   | 2214947  | 38.099 | nq    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 434020   | 34.820 | nq    | # 57     |
| 65) n-Nitrosodiphenylamine     | 15.92 | 169  | 1916890  | 41.536 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.58 | 248  | 1108767  | 43.987 | nq    | 97       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 1260452  | 42.879 | nq    | 94       |
| 68) Atrazine                   | 16.86 | 200  | 1027166  | 48.769 | nq    | 91       |
| 69) Pentachlorophenol          | 17.05 | 266  | 1124291  | 72.286 | nq    | 100      |
| 70) Phenanthrene               | 17.44 | 178  | 3775658  | 44.530 | nq    | 100      |
| 71) Anthracene                 | 17.53 | 178  | 3883884  | 46.129 | nq    | 99       |
| 72) Carbazole                  | 17.81 | 167  | 2736379  | 36.164 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 3405760  | 36.920 | nq    | # 96     |
| 74) Fluoranthene               | 19.44 | 202  | 5397429  | 43.415 | nq    | 94       |
| 76) Benzidine                  | 19.63 | 184  | 1385067  | 34.462 | nq    | 99       |
| 77) Pyrene                     | 19.80 | 202  | 5433163  | 47.836 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 1558071  | 39.742 | nq    | # 81     |
| 80) Benzo(a)anthracene         | 21.52 | 228  | 5500343  | 44.766 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.46 | 252  | 1516682  | 27.731 | nq    | # 97     |
| 82) Chrysene                   | 21.57 | 228  | 4916747  | 41.939 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.42 | 149  | 2227028  | 38.211 | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 22.30 | 149  | 3506003  | 36.199 | nq    | # 92     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.14 | 276  | 5974264  | 35.436 | nq    | # 92     |
| 87) Benzo(b)fluoranthene       | 23.13 | 252  | 5559750  | 52.802 | nq    | # 90     |
| 88) Benzo(k)fluoranthene       | 23.18 | 252  | 5074815  | 47.368 | nq    | # 93     |
| 89) Benzo(a)pyrene             | 23.73 | 252  | 4969618  | 48.506 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 26.14 | 278  | 5067874  | 44.137 | nq    | # 87     |
| 91) Benzo(g,h,i)perylene       | 26.85 | 276  | 4486159  | 43.526 | nq    | # 82     |

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





#1

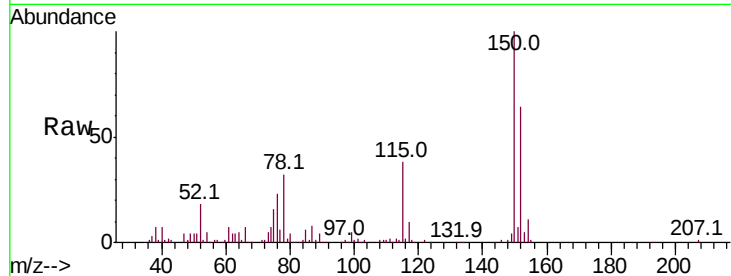
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng/ml  
RT: 8.01 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleID :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.8 | 119.5 | 179.3 |
| 115     | 59.9  | 43.0  | 64.4  |

Manual Integrations  
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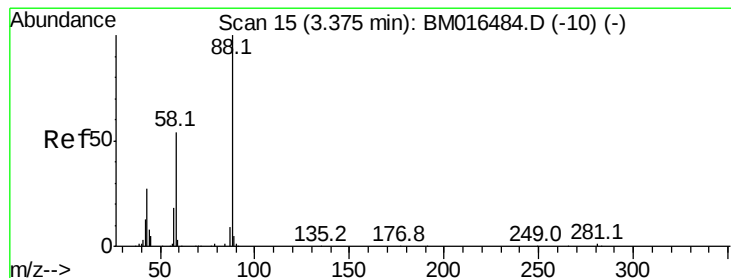
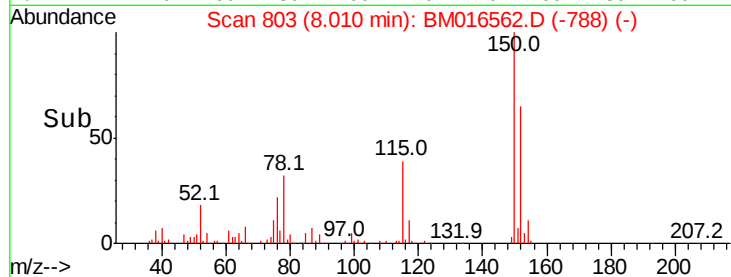
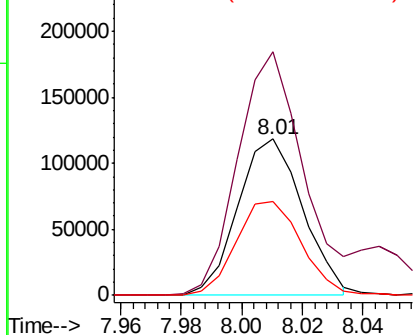


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

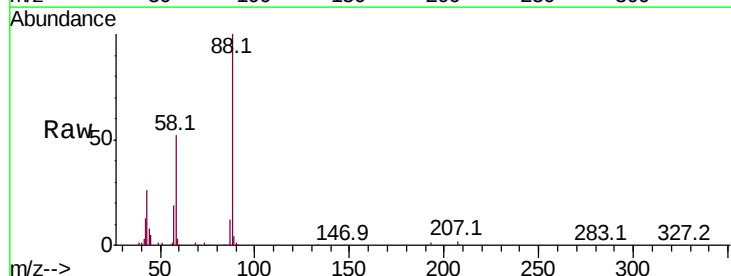
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 34.540 ng/ml  
RT: 3.38 min Scan# 15  
Delta R.T. 0.00 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 52.7  | 0.0   | 0.0#  |
| 43      | 25.8  | 0.0   | 0.0#  |

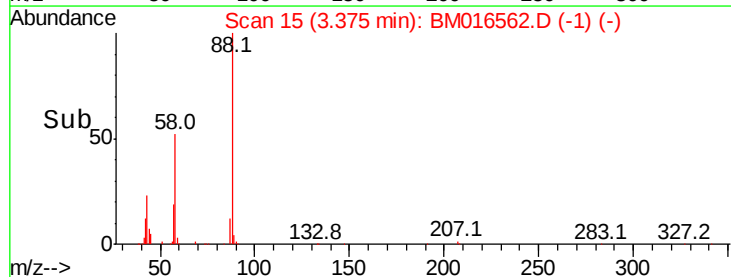
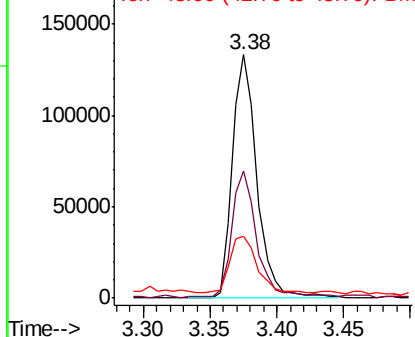


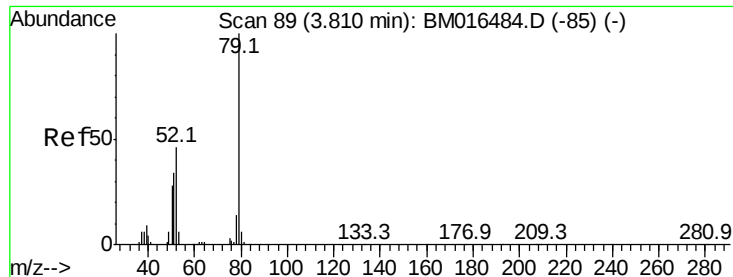
Abundance

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: 32.192 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM016562.D

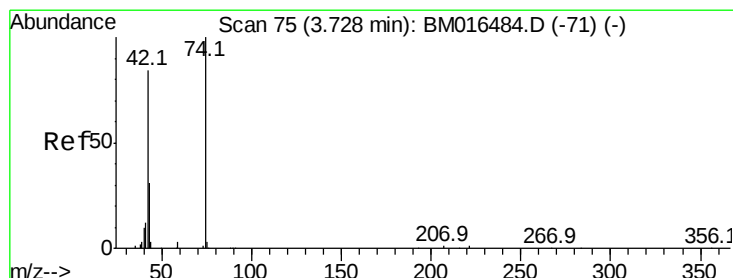
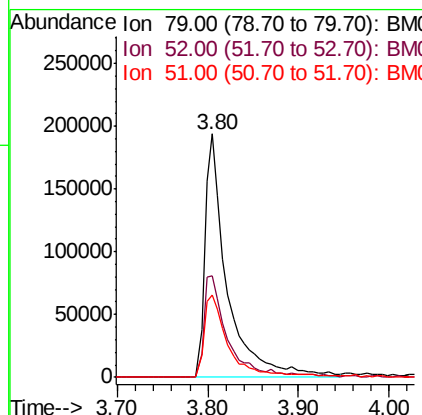
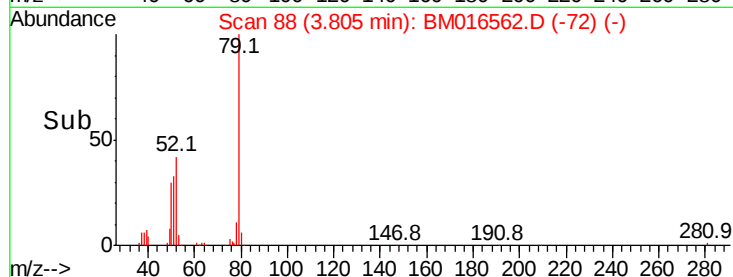
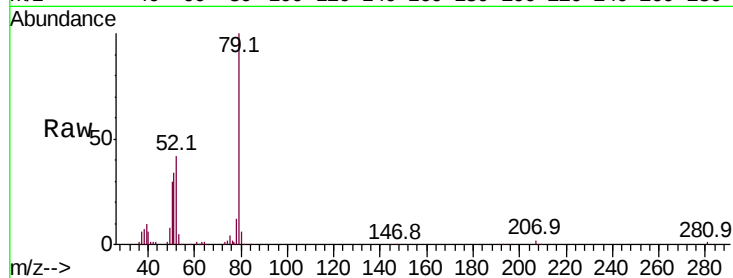
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampled :  
PB112325BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 52      | 41.7  |      | 51.1  | 76.7# |
| 51      | 33.6  |      | 26.1  | 39.1  |

Manual Integrations  
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8/24/2018 8:40:55 AM



#4

n-Nitrosodimethylamine

Concen: 44.662 ng

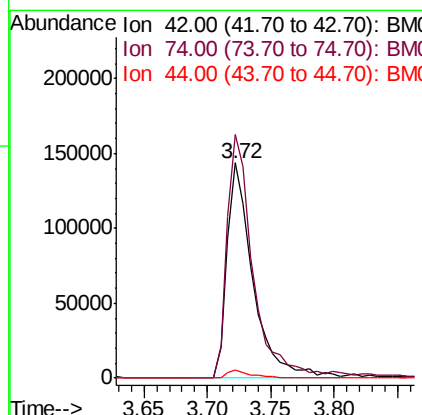
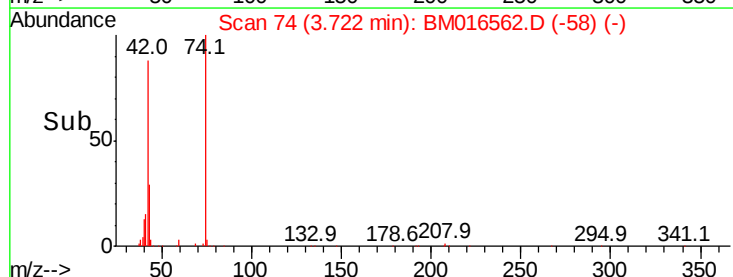
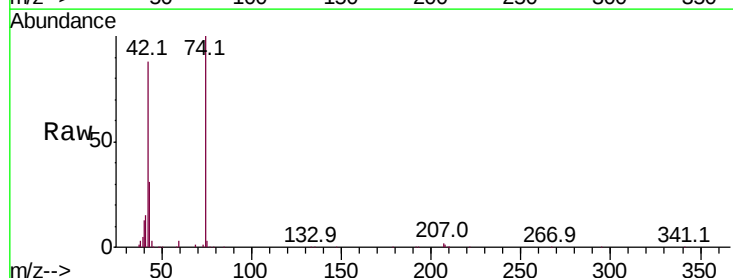
RT: 3.72 min Scan# 74

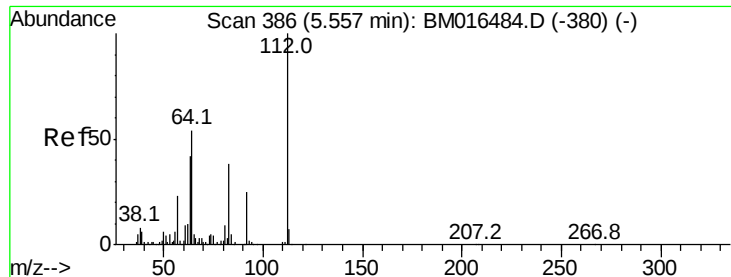
Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Resp | Lower | Upper  |
|---------|-------|------|-------|--------|
| 42      | 100   |      |       |        |
| 74      | 113.3 |      | 119.3 | 178.9# |
| 44      | 3.7   |      | 5.4   | 8.2#   |





#5

2-Fluorophenol

Concen: 96.706 ng

RT: 5.55 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Instrument :

BNA\_M

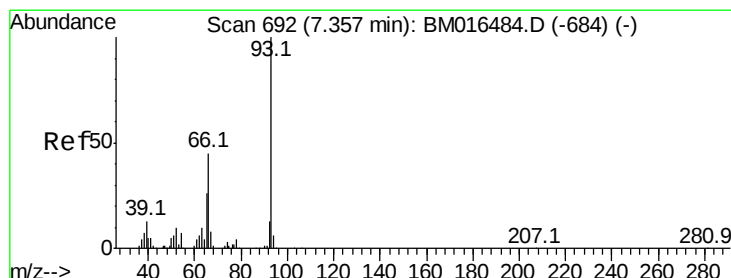
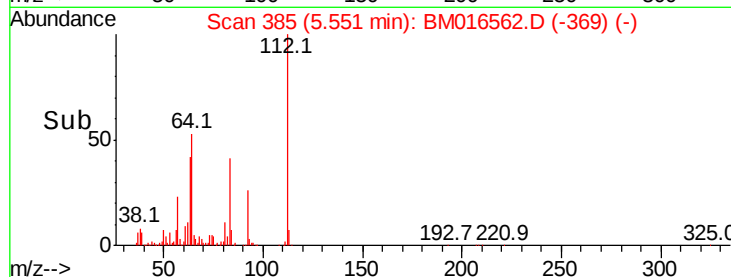
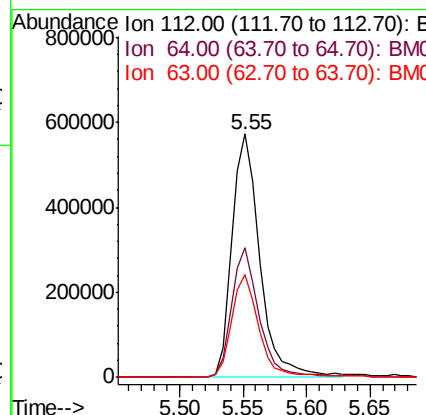
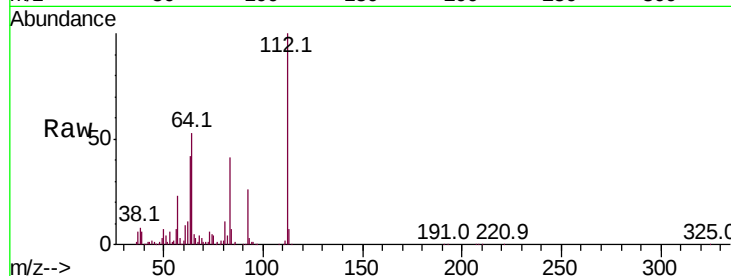
ClientSampleId :

PB112325BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 868620 |       |       |
| 64      | 53.5 | 38.6  |        | 57.8  |       |
| 63      | 42.1 | 19.3  |        | 28.9  |       |

Manual Integrations  
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8/24/2018 8:40:55 AM



#6

Aniline

Concen: 34.202 ng

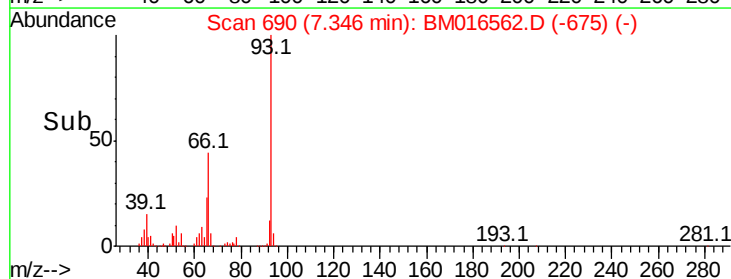
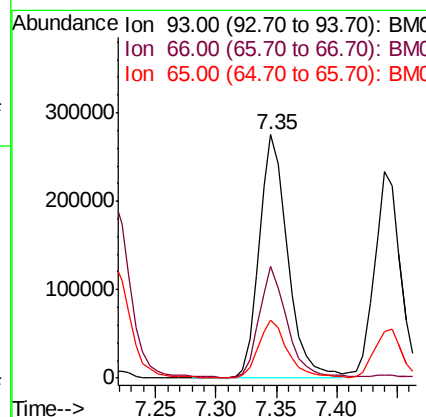
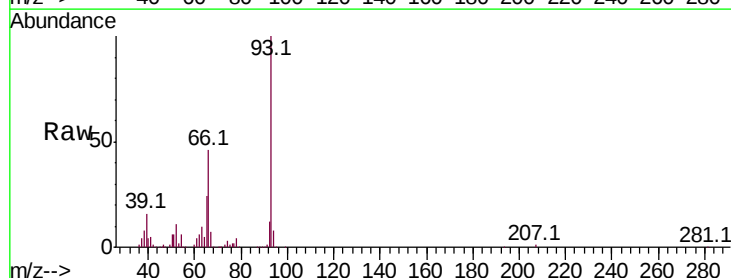
RT: 7.35 min Scan# 690

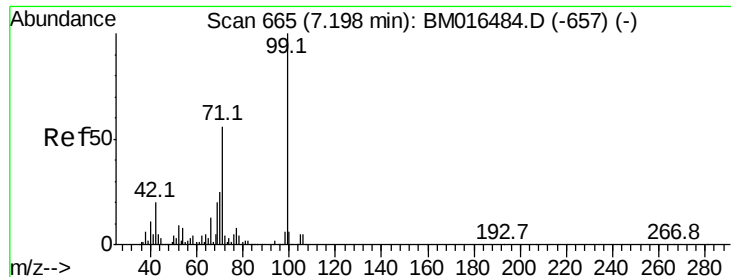
Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 454894 |       |       |
| 66      | 45.9 | 30.8  |        | 46.2  |       |
| 65      | 24.0 | 16.0  |        | 24.0  |       |





#7

Phenol-d6

Concen: 91.521 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Instrument :

BNA\_M

ClientSampleId :

PB112325BSD

Tot Ion: 99 Resp: 1087799

Ion Ratio Lower Upper

99 100

42 20.9 11.0 16.4#

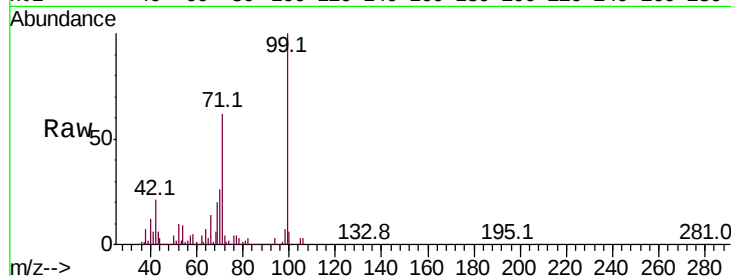
71 62.1 23.4 35.2#

Manual Integrations

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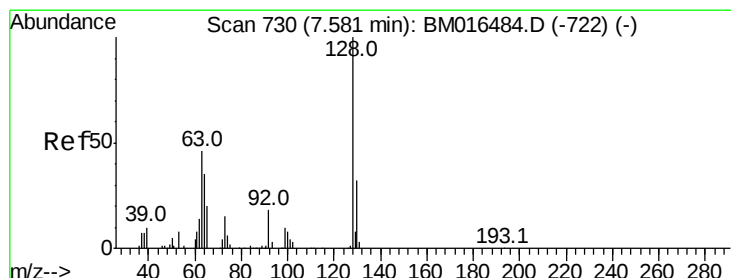
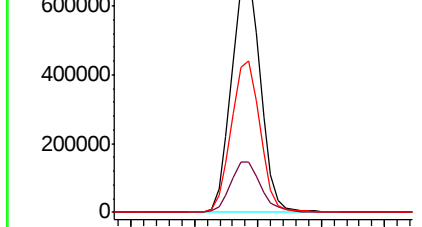
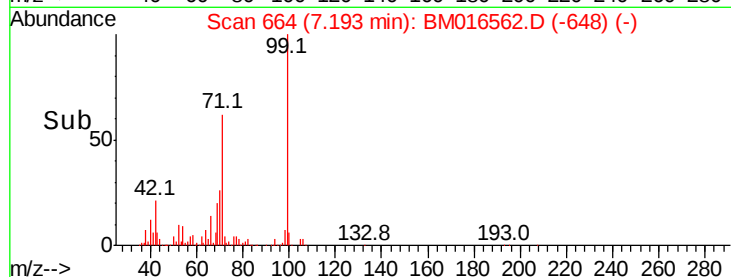


Abundance Ion 99.00 (98.70 to 99.70): BM016562.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016562.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016562.D (-648) (-)

Time-->



#8

2-Chlorophenol

Concen: 44.054 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

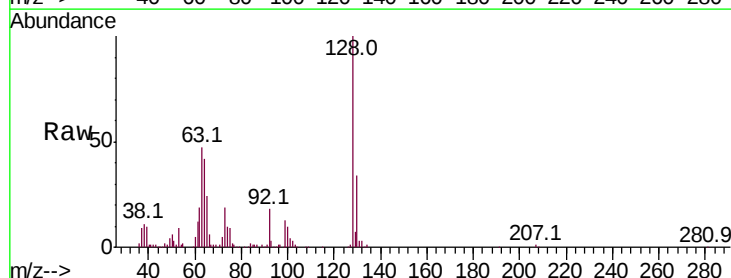
Tgt Ion: 128 Resp: 470843

Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

64 42.2 24.9 64.9

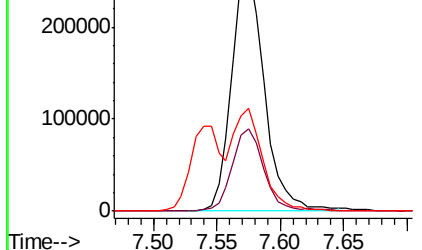
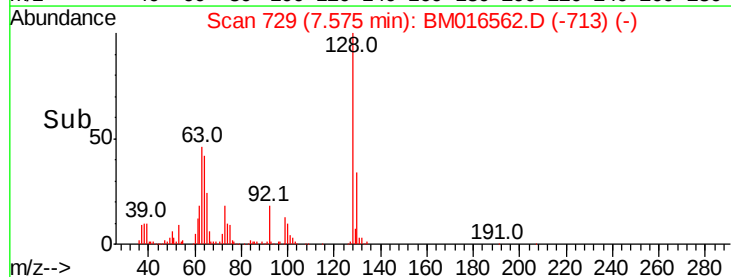


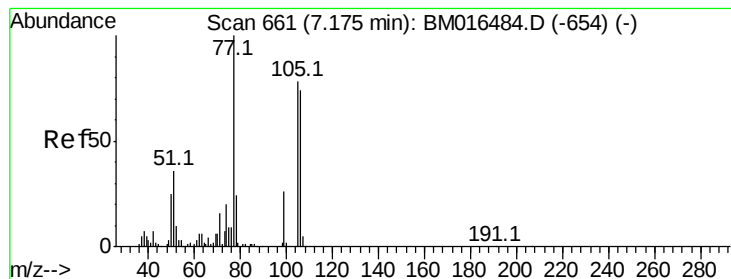
Abundance Ion 128.00 (127.70 to 128.70): BM016562.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM016562.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM016562.D (-713) (-)

Time-->





#9

Benzaldehyde

Concen: 25.281 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Instrument :

BNA\_M

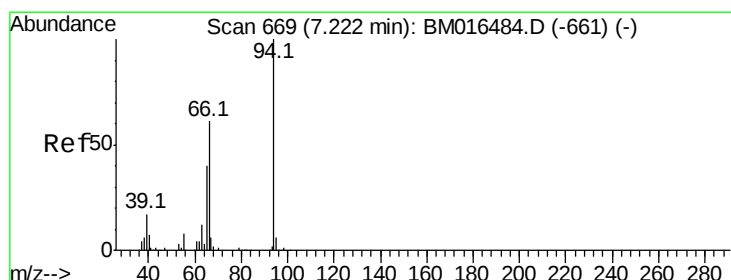
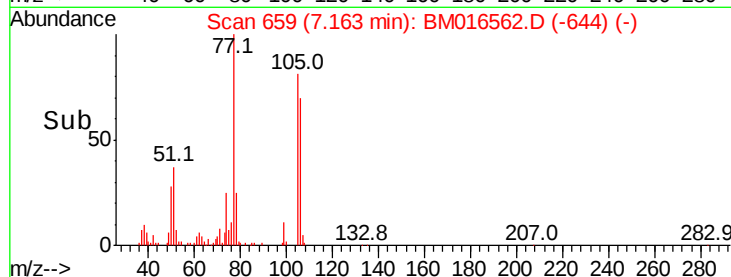
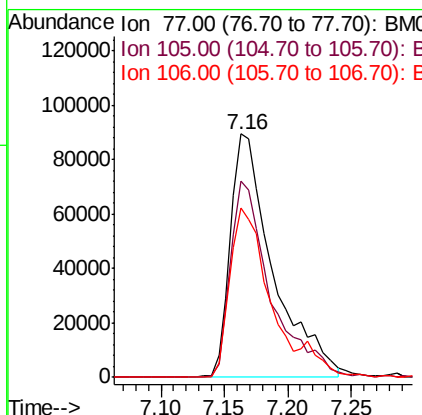
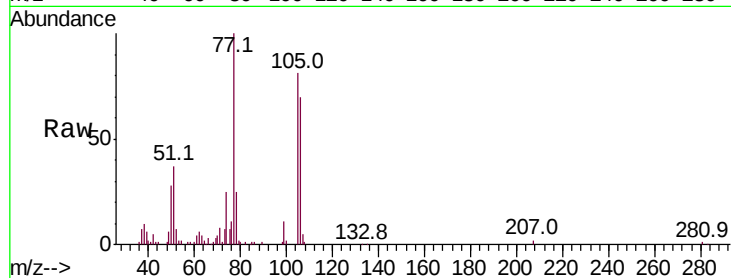
ClientSampleId :

PB112325BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 208537 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 80.9  | 78.8  | 118.8  |
| 106       | 69.7  | 73.7  | 113.7# |

Manual Integrations  
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#10

Phenol

Concen: 42.647 ng

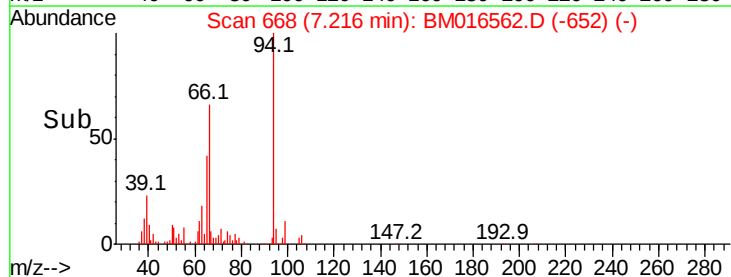
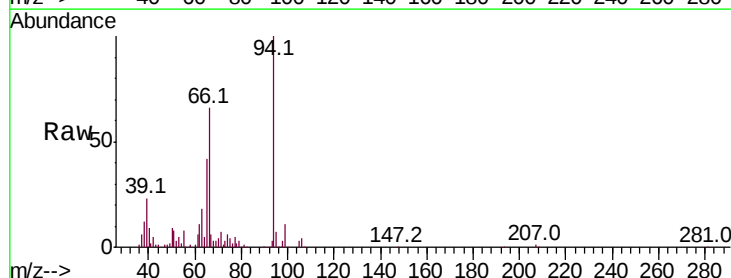
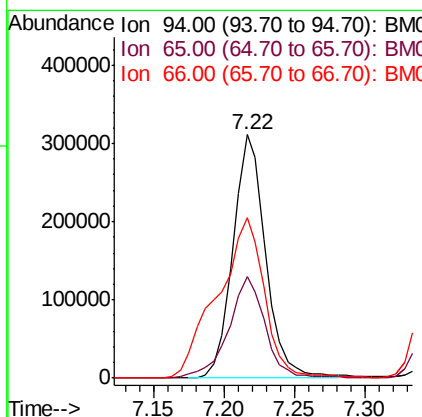
RT: 7.22 min Scan# 668

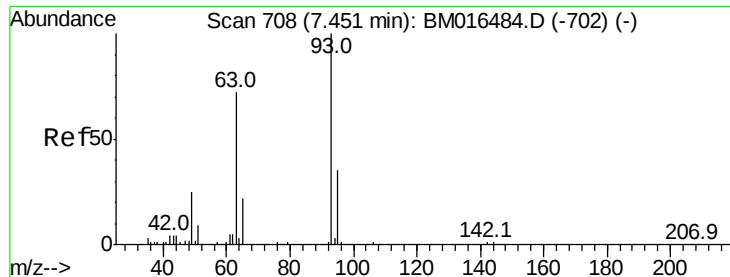
Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 501289 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 41.9  | 18.8  | 58.8   |
| 66        | 65.7  | 39.9  | 79.9   |





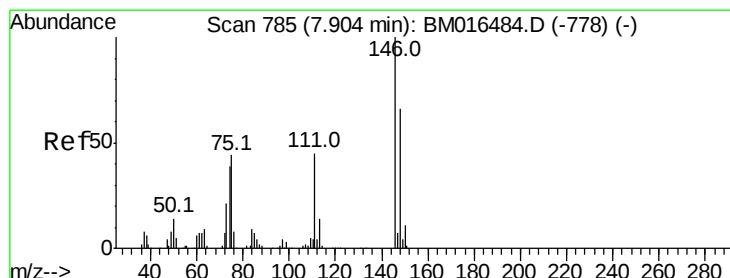
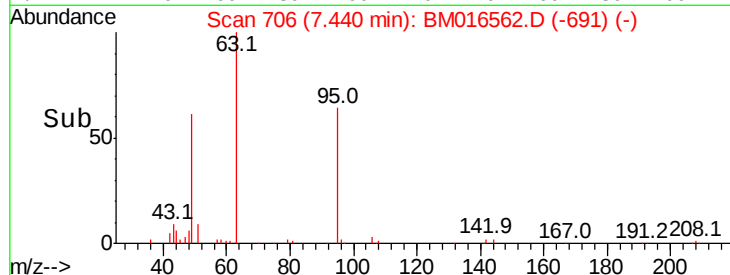
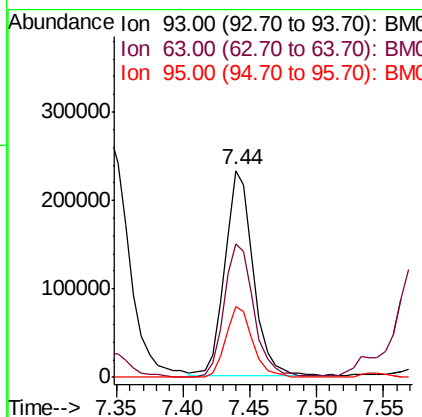
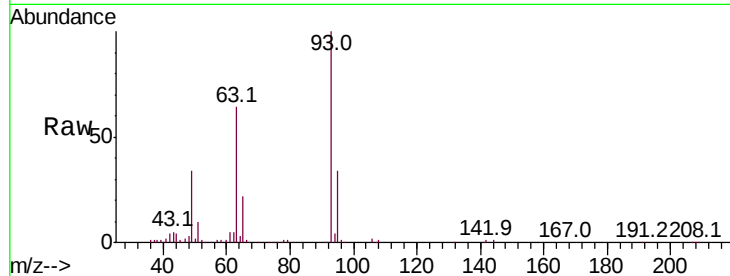
#11  
bis(2-Chloroethyl)ether  
Concen: 38.893 ng  
RT: 7.44 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 342817 |       |       |
| 63      | 64.4  | 49.5   | 89.5  |       |
| 95      | 34.3  | 13.5   | 53.5  |       |

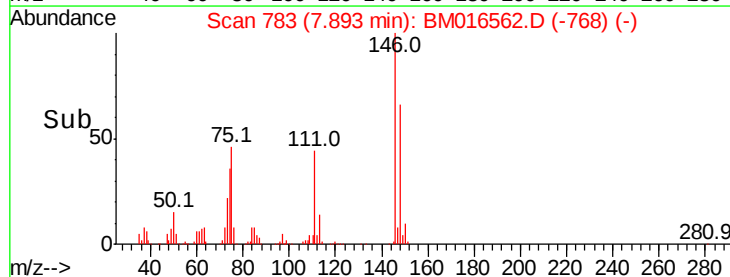
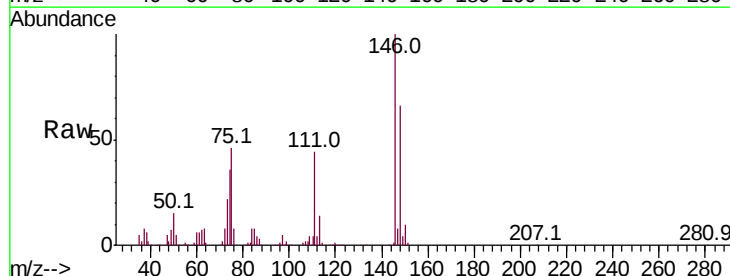
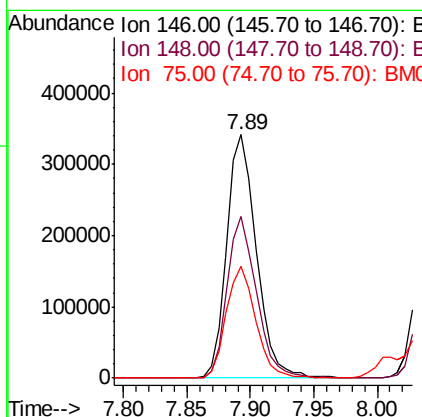
Manual Integrations  
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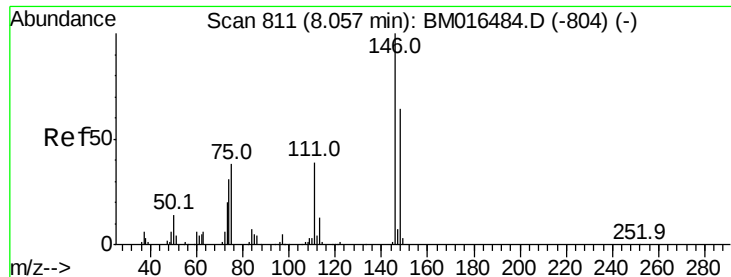
Sohil  
8/24/2018 8:40:55 AM



#12  
1,3-Dichlorobenzene  
Concen: 39.000 ng  
RT: 7.89 min Scan# 783  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 552642 |       |       |
| 148     | 66.3  | 50.9   | 76.3  |       |
| 75      | 45.9  | 21.4   | 32.2  |       |





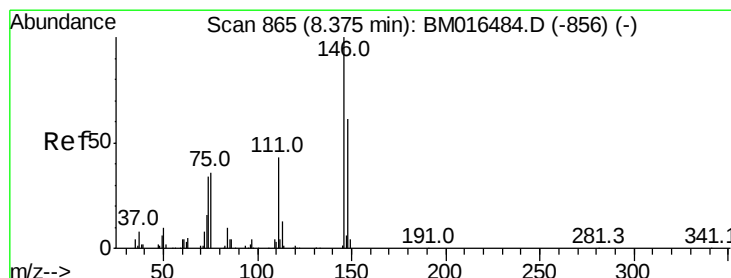
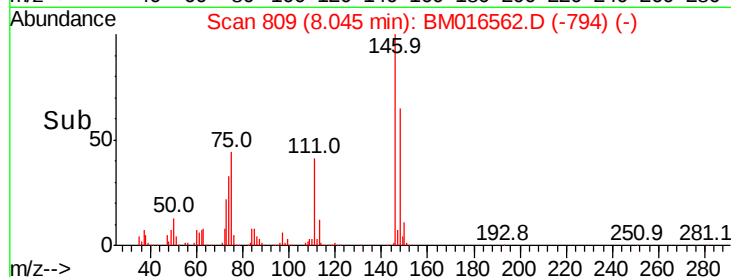
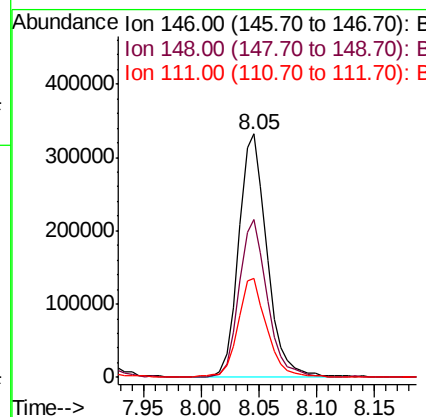
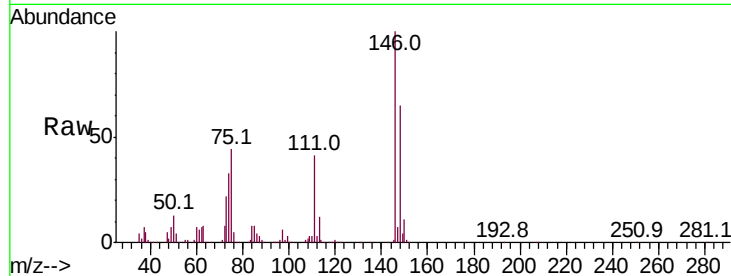
#13  
1,4-Dichlorobenzene  
Concen: 38.681 ng  
RT: 8.05 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 562516 |       |       |
| 148     | 64.7  |        | 51.9  | 77.9  |
| 111     | 40.9  |        | 29.2  | 43.8  |

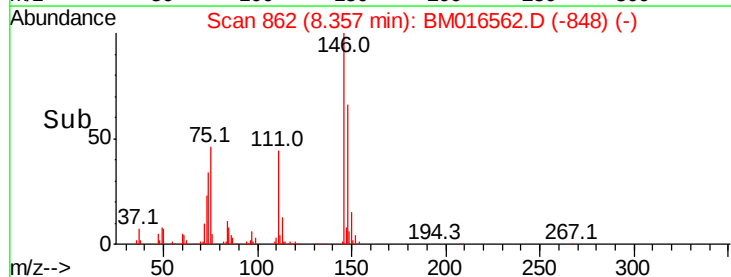
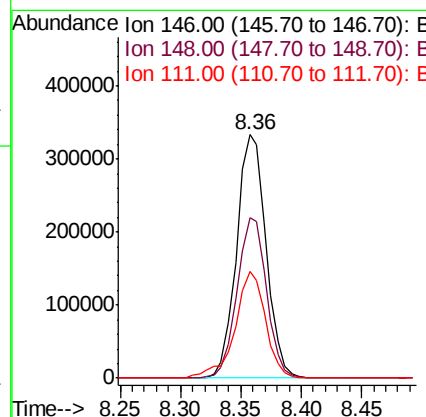
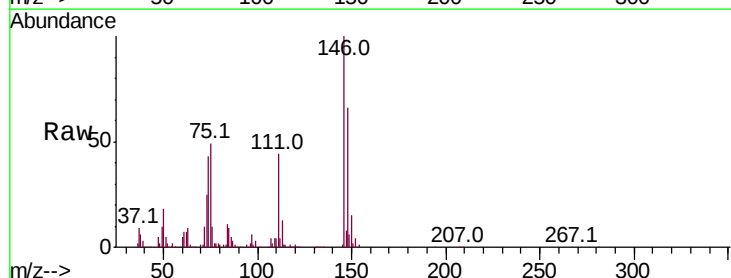
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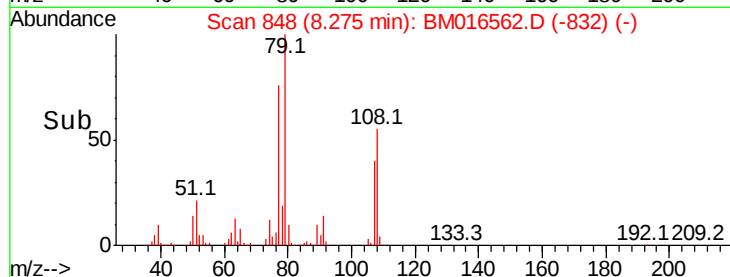
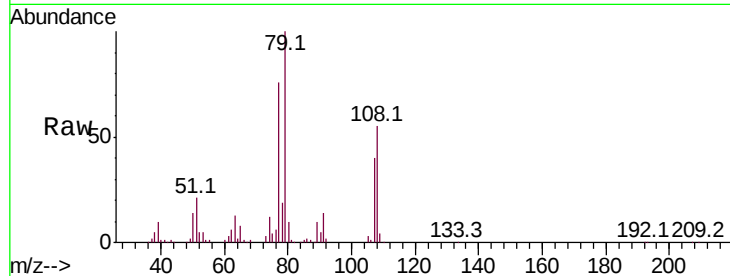
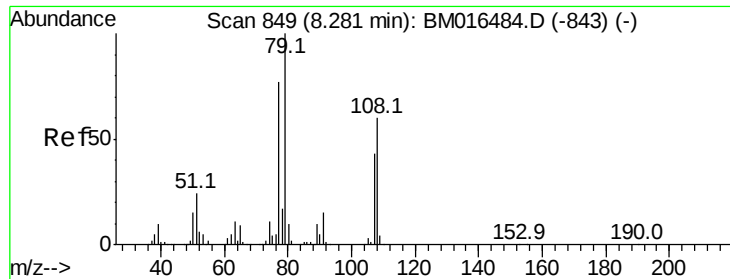
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#14  
1,2-Dichlorobenzene  
Concen: 39.578 ng  
RT: 8.36 min Scan# 862  
Delta R.T. -0.02 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 565444 |       |       |
| 148     | 65.9  |        | 52.3  | 78.5  |
| 111     | 44.0  |        | 30.6  | 45.8  |





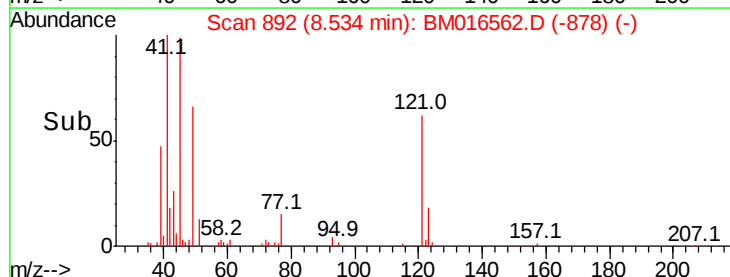
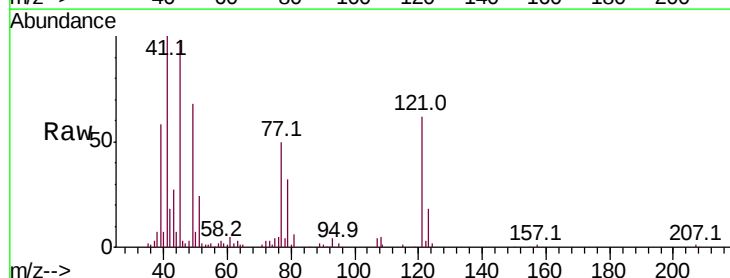
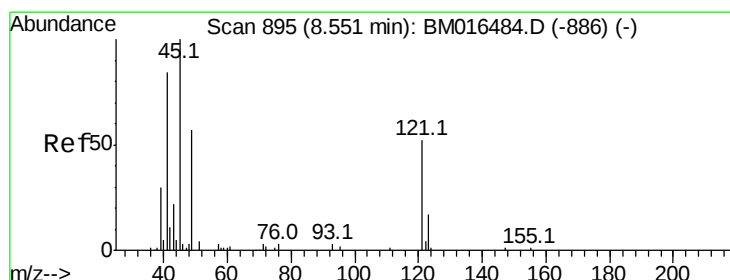
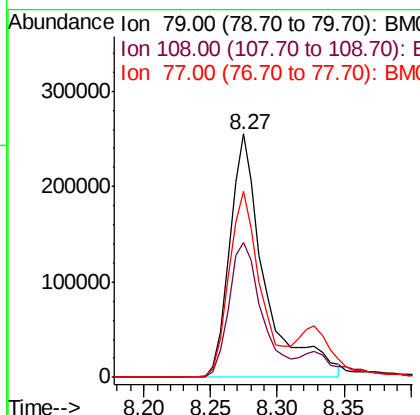
#15  
Benzyl Alcohol  
Concen: 42.608 ng  
RT: 8.27 min Scan# 848  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 55.5  | 65.0  | 97.4# |
| 77      | 76.4  | 53.0  | 79.6  |

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

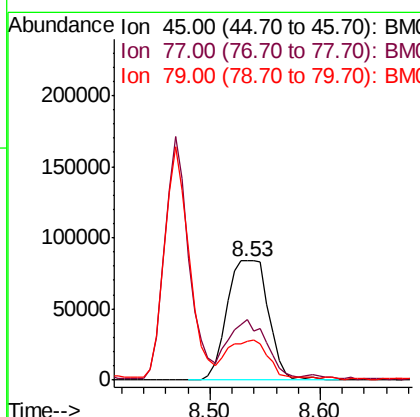
Manual Integrations  
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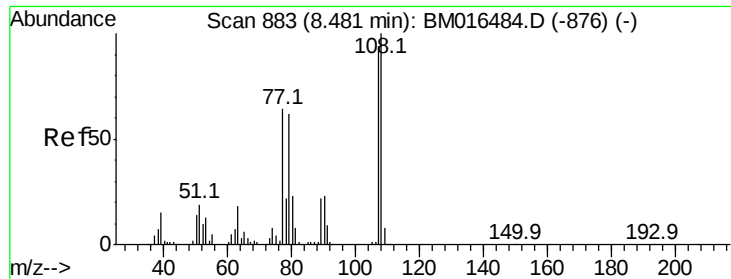
Sohil  
8/24/2018 8:40:55 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.434 ng  
RT: 8.53 min Scan# 892  
Delta R.T. -0.02 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 51.1  | 0.0   | 35.2# |
| 79      | 32.8  | 0.0   | 32.0# |





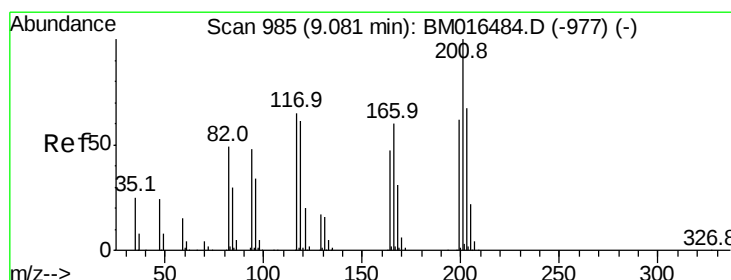
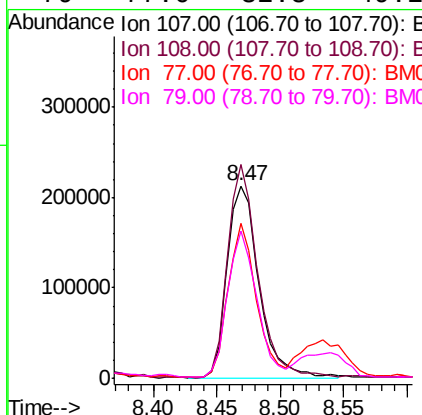
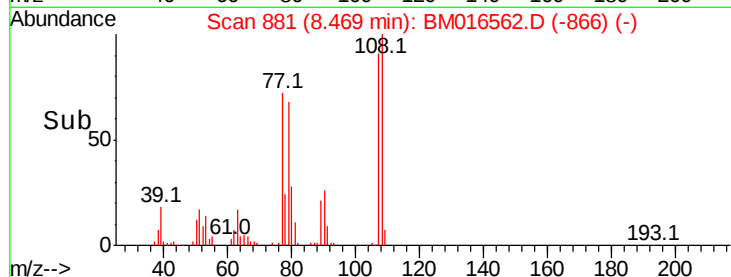
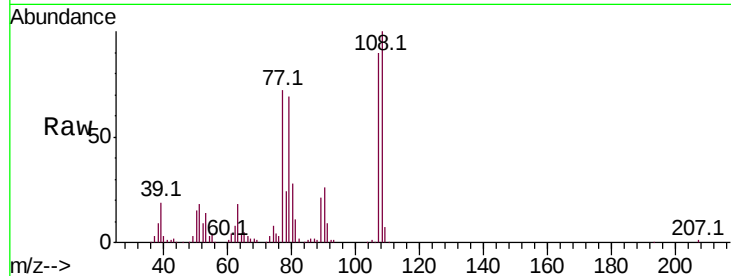
#17  
2-Methylphenol  
Concen: 43.453 ng  
RT: 8.47 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.2 | 89.8 | 134.8 |       |
| 77      | 80.5  | 32.6 | 48.8# |       |
| 79      | 77.0  | 32.8 | 49.2# |       |

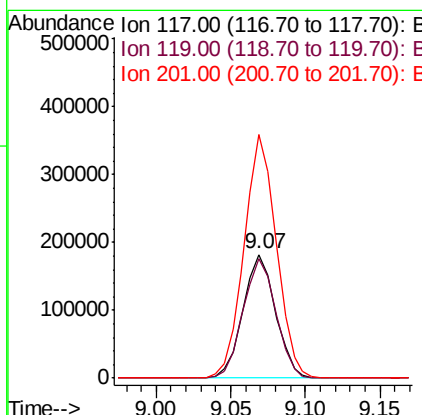
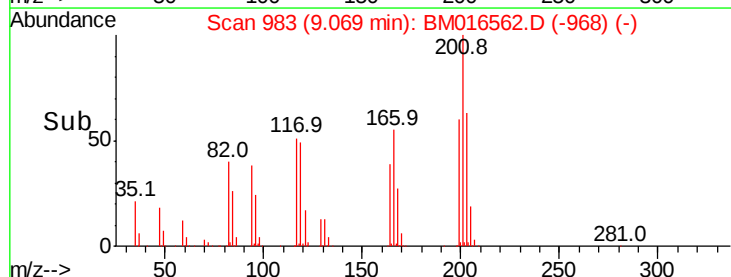
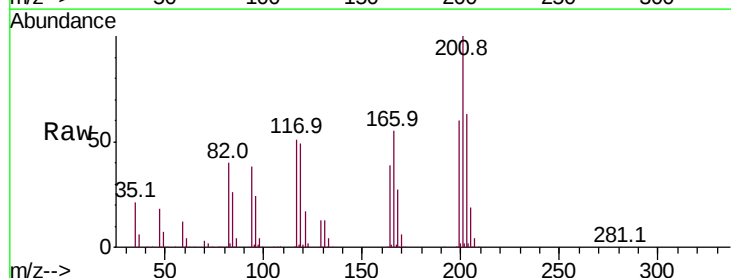
Manual Integrations  
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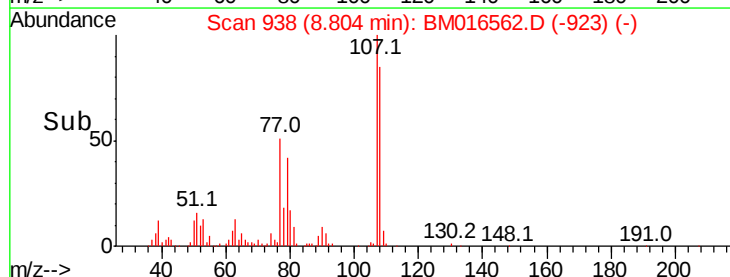
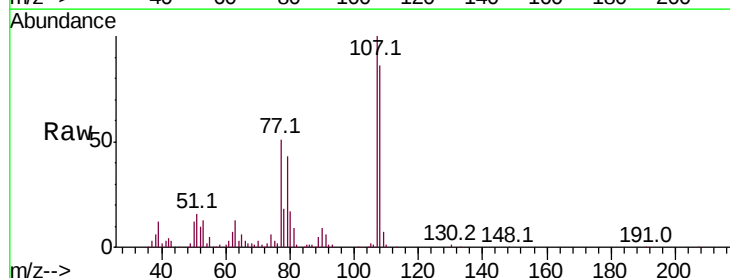
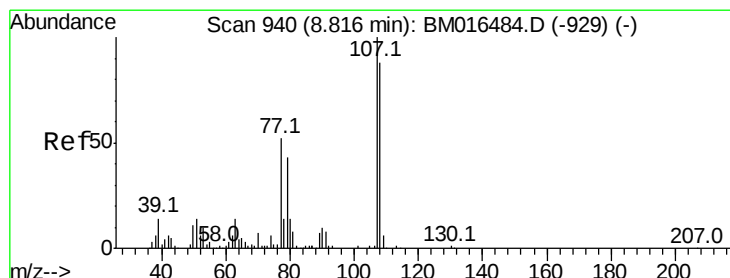
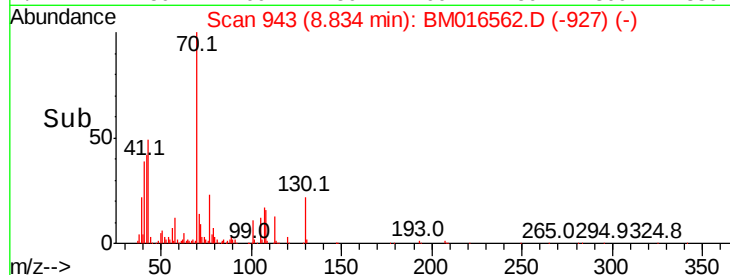
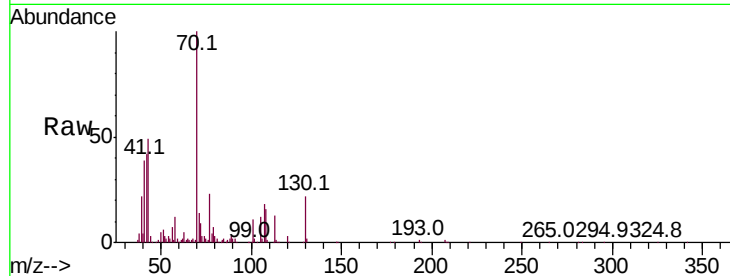
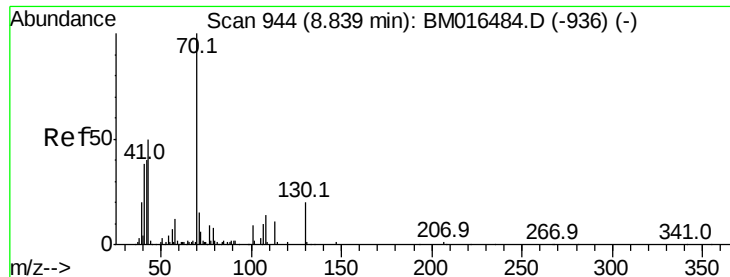
Sohil  
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#18  
Hexachloroethane  
Concen: 40.981 ng  
RT: 9.07 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

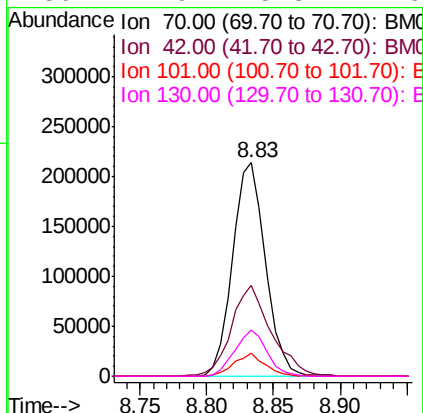
| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 96.3  | 79.2 | 118.8  |       |
| 201     | 197.3 | 69.8 | 104.6# |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 39.285 ng  
RT: 8.83 min Scan# 943  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       |       |       |       |
| 42      | 42.4 | 44.5  | 66.7# |       |       |
| 101     | 10.6 | 7.4   | 11.2  |       |       |
| 130     | 21.9 | 15.3  | 22.9  |       |       |



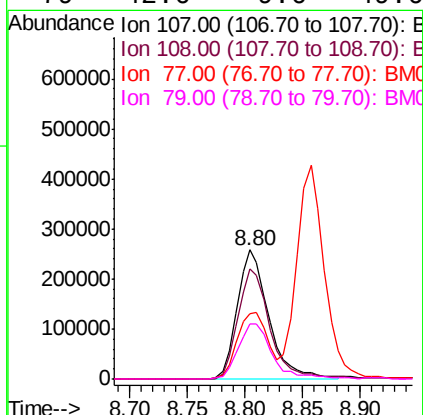
Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

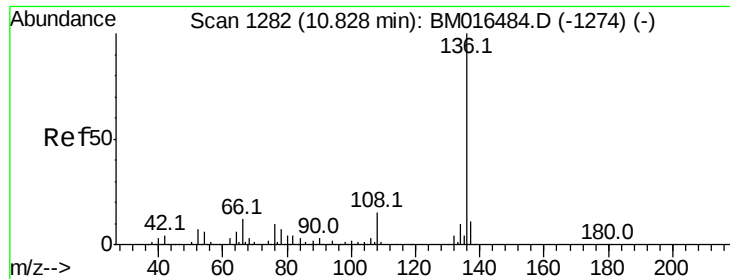
Manual Integrations  
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8/24/2018 8:40:55 AM

#20  
3+4-Methylphenols  
Concen: 41.444 ng  
RT: 8.80 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 85.6 | 73.2  | 113.2 |       |       |
| 77      | 51.0 | 10.7  | 50.7# |       |       |
| 79      | 42.6 | 9.6   | 49.6  |       |       |





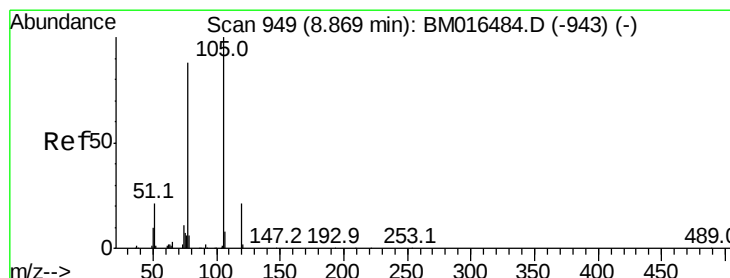
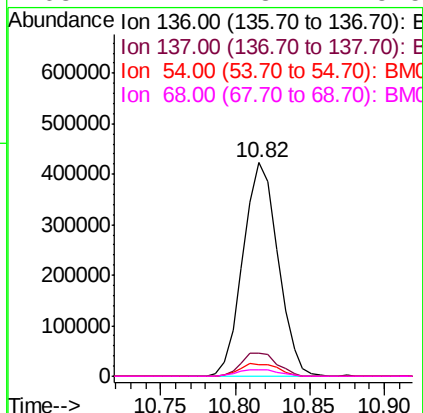
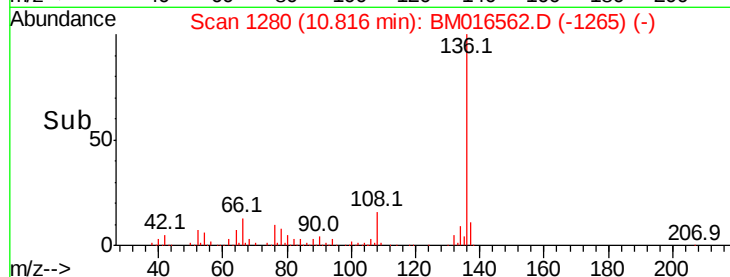
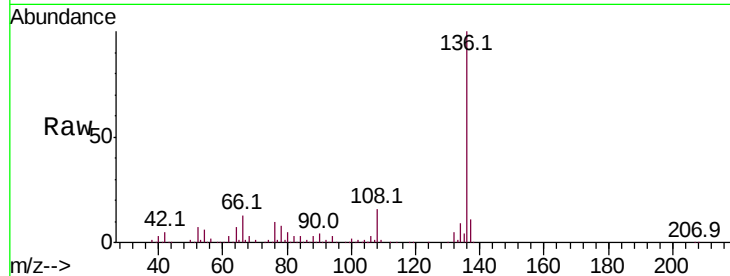
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 688610 |       |       |
| 137     | 11.0  | 8.7    | 13.1  |       |
| 54      | 5.6   | 4.6    | 6.8   |       |
| 68      | 2.7   | 3.7    | 5.5#  |       |

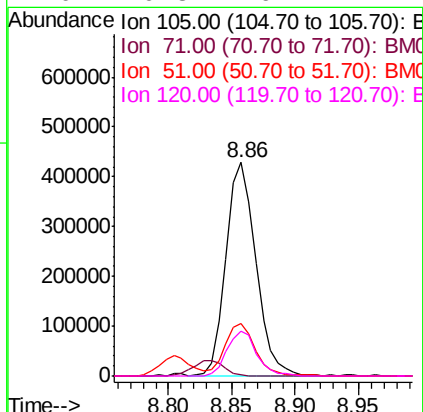
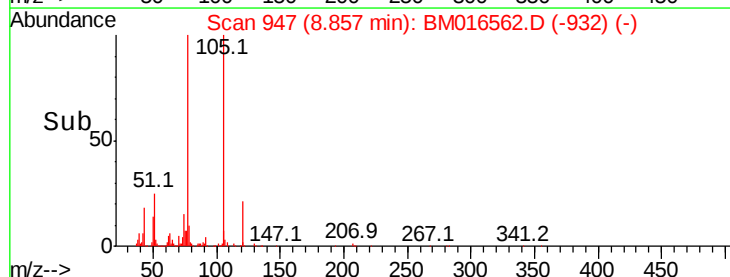
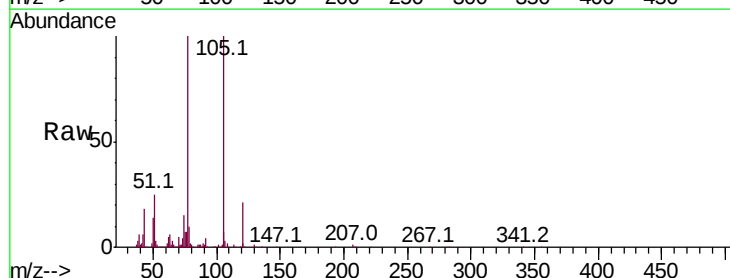
Manual Integrations  
APPROVED

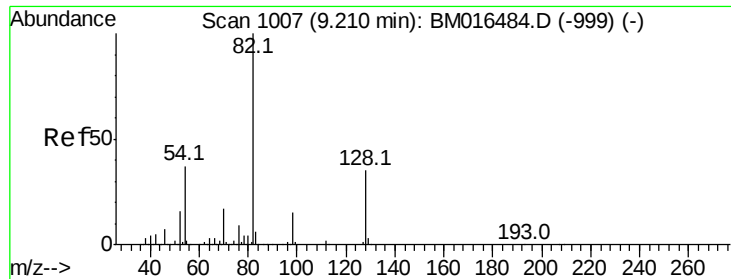
Sohil  
8/24/2018 8:40:55 AM



#22  
Acetophenone  
Concen: 41.868 ng  
RT: 8.86 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 694254 |       |       |
| 71      | 0.6   | 0.6    | 1.0#  |       |
| 51      | 24.8  | 21.6   | 32.4  |       |
| 120     | 20.8  | 16.1   | 24.1  |       |





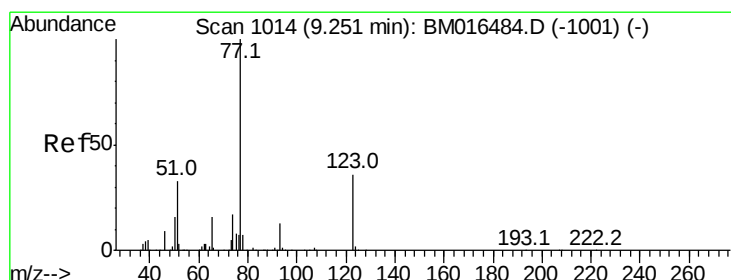
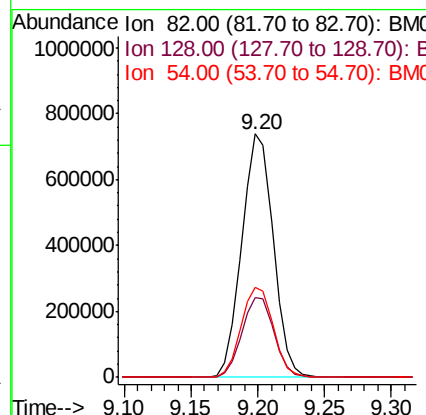
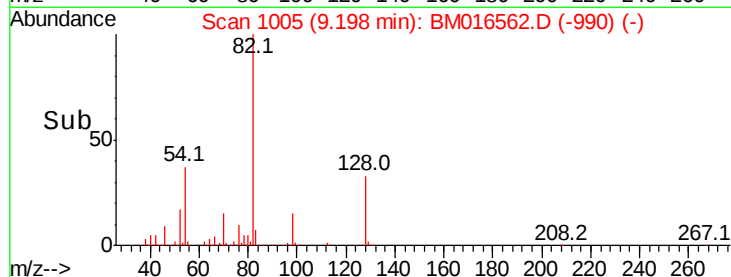
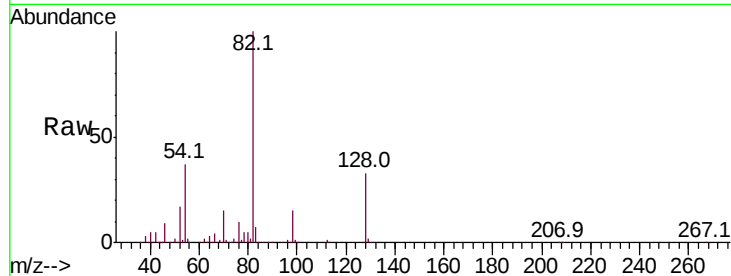
#23  
Nitrobenzene-d5  
Concen: 80.082 ng  
RT: 9.20 min Scan# 1005  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 32.8  | 32.8  | 49.2# |
| 54      | 36.7  | 40.6  | 60.8# |

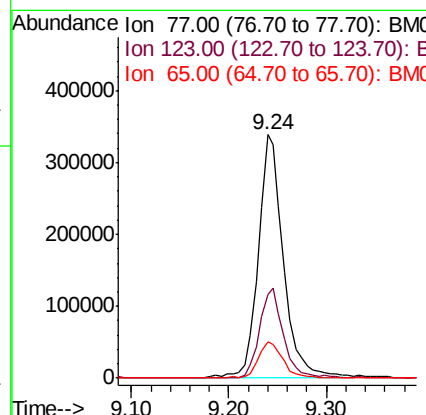
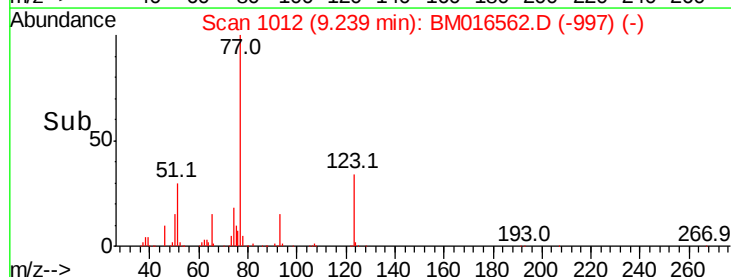
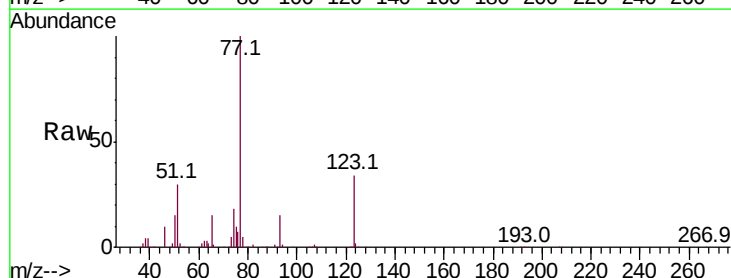
Manual Integrations  
APPROVED

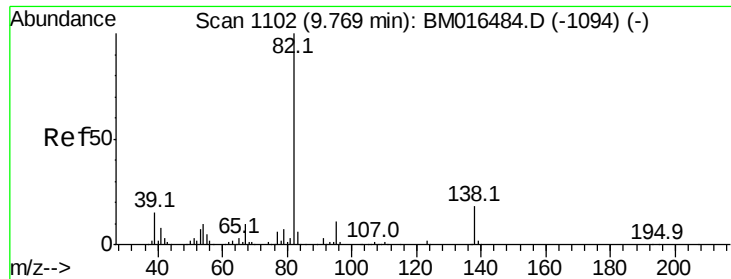
Sohil  
8/24/2018 8:40:55 AM



#24  
Nitrobenzene  
Concen: 40.734 ng  
RT: 9.24 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 34.1  | 32.6  | 49.0  |
| 65      | 15.1  | 10.9  | 16.3  |





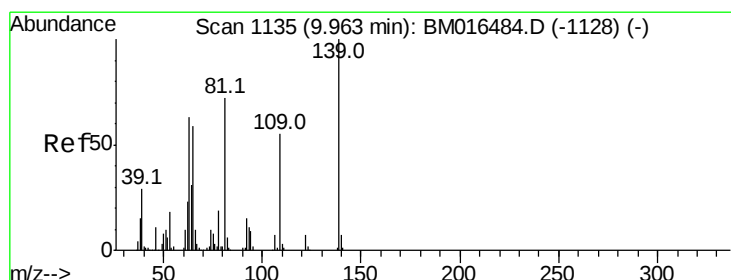
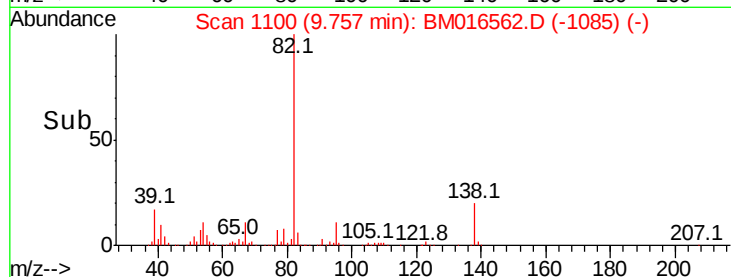
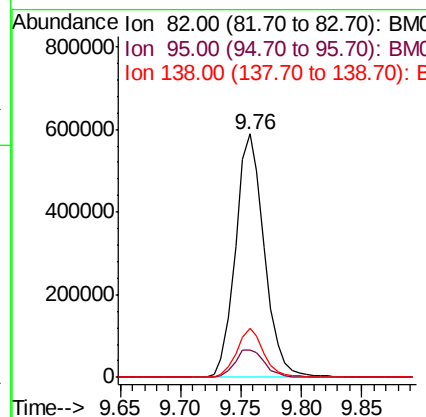
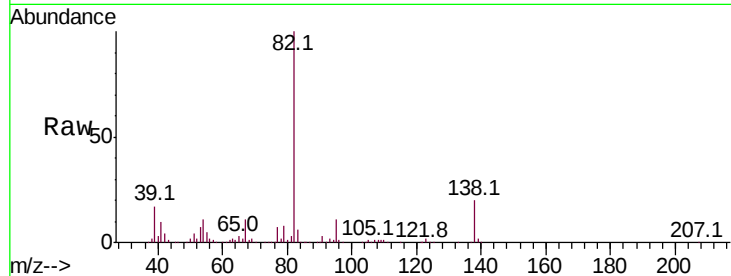
#25  
Isophorone  
Concen: 48.585 ng  
RT: 9.76 min Scan# 1100  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 11.1  | 5.8  | 8.6#  |       |
| 138     | 20.0  | 16.3 | 24.5  |       |

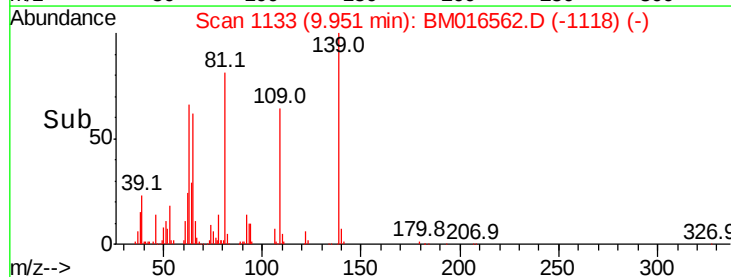
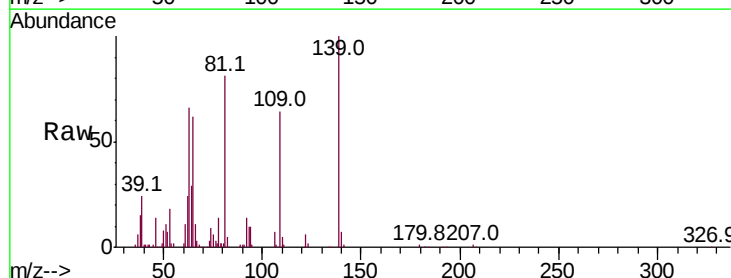
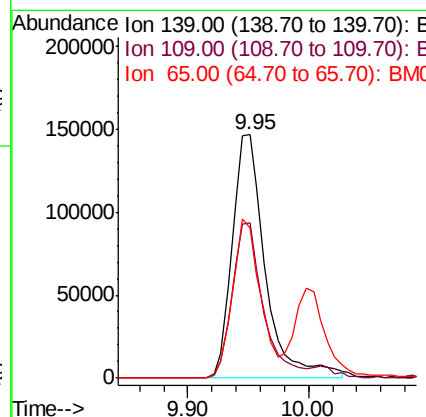
Manual Integrations  
APPROVED

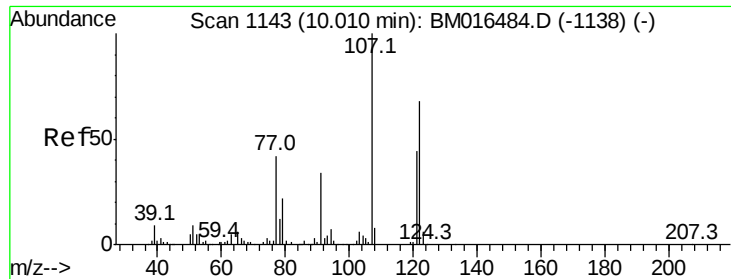
Sohil  
8/24/2018 8:40:55 AM



#26  
2-Nitrophenol  
Concen: 43.449 ng  
RT: 9.95 min Scan# 1133  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 63.9  | 20.1 | 30.1# |       |
| 65      | 61.9  | 31.5 | 47.3# |       |





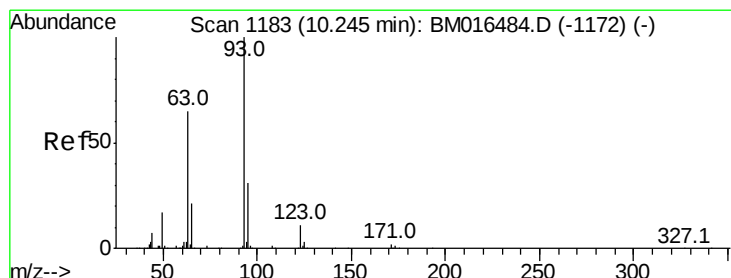
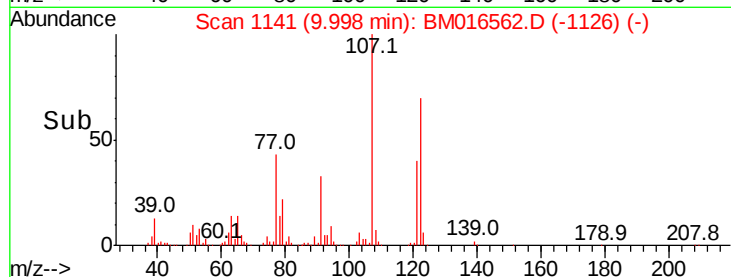
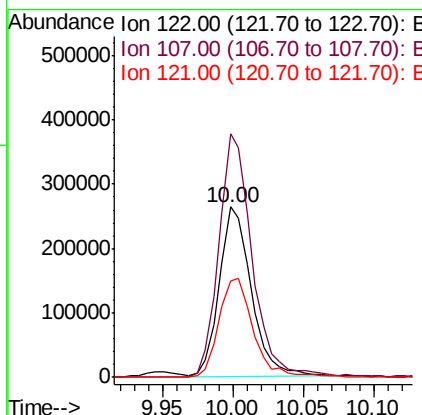
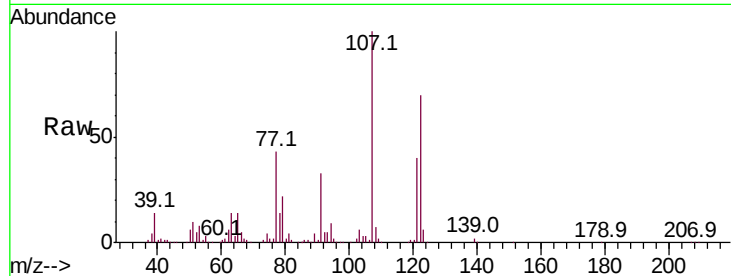
#27  
 2,4-Dimethylphenol  
 Concen: 49.762 ng  
 RT: 10.00 min Scan# 1141  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 143.1 | 84.7  | 127.1# |
| 121     | 56.8  | 46.6  | 69.8   |

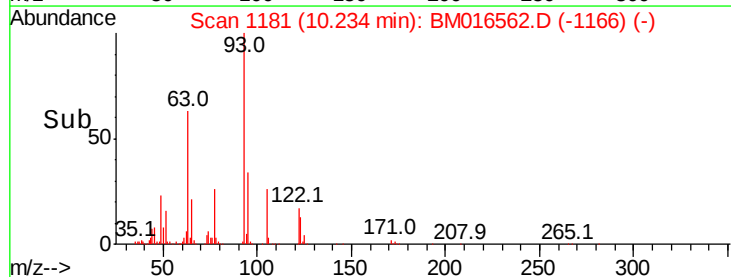
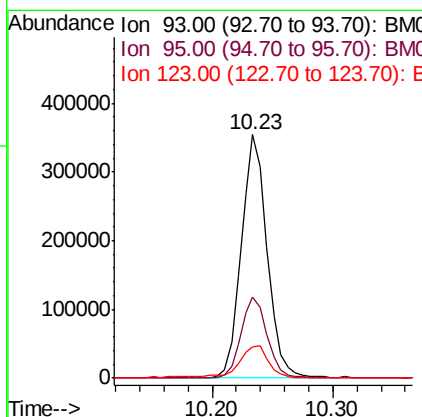
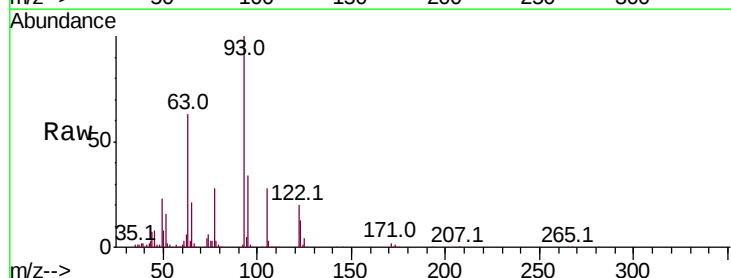
Manual Integrations  
 APPROVED

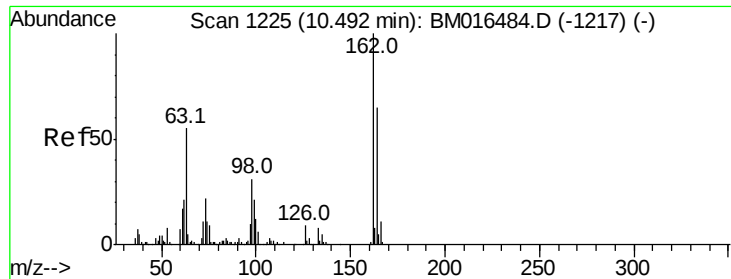
Sohil  
 8/24/2018 8:40:55 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.989 ng  
 RT: 10.23 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.5  | 25.5  | 38.3  |
| 123     | 12.9  | 8.6   | 13.0  |





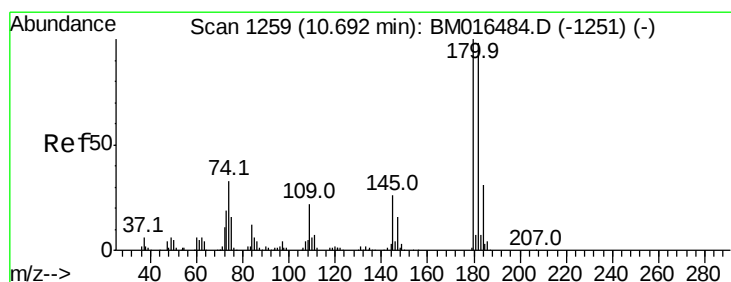
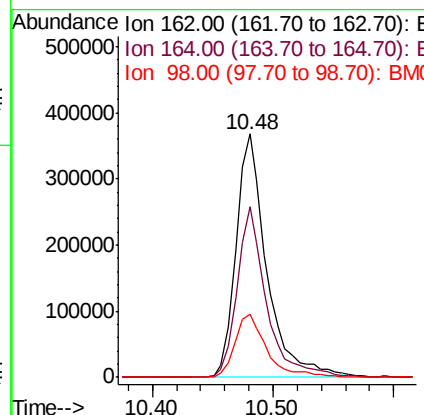
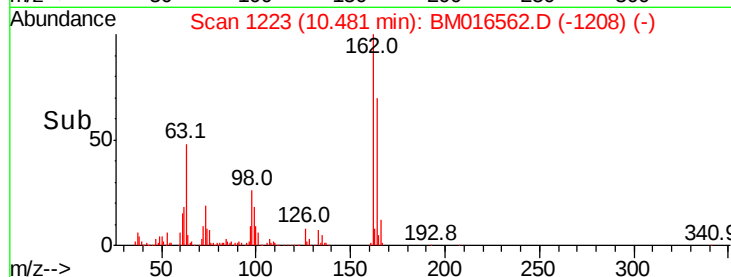
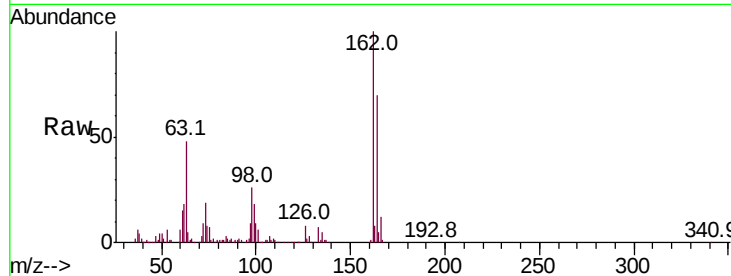
#29  
 2,4-Dichlorophenol  
 Concen: 51.619 ng  
 RT: 10.48 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 70.0  | 42.8 | 82.8  |       |
| 98      | 26.0  | 14.5 | 54.5  |       |

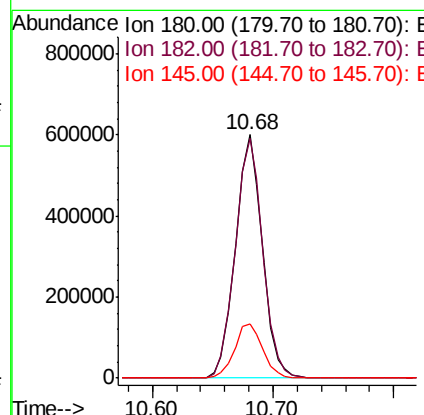
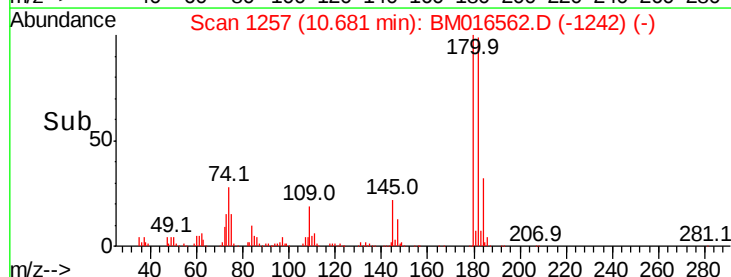
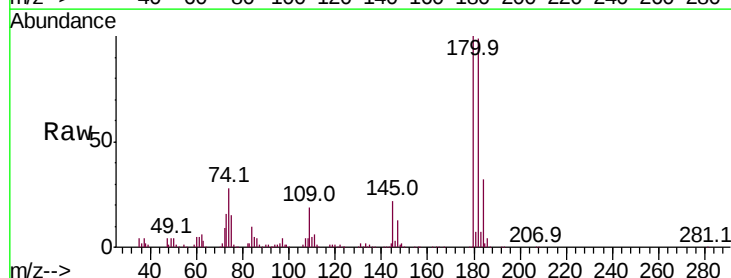
Manual Integrations  
 APPROVED

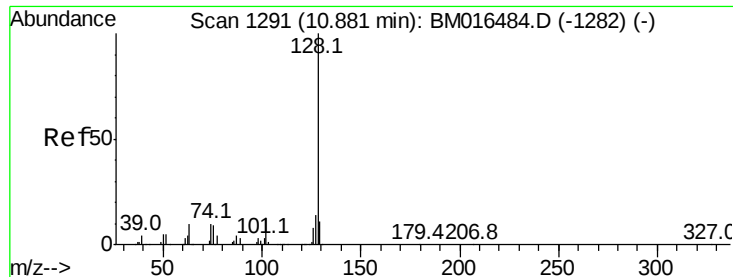
Sohil  
 8/24/2018 8:40:55 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 49.062 ng  
 RT: 10.68 min Scan# 1257  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 98.6  | 77.6 | 116.4 |       |
| 145     | 22.5  | 23.4 | 35.2  |       |





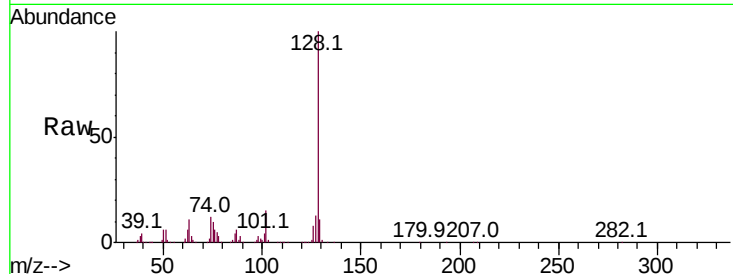
#31  
Naphthalene  
Concen: 43.924 ng  
RT: 10.87 min Scan# 1289  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.9   | 13.3  |
| 127     | 13.4  | 10.4  | 15.6  |

Manual Integrations  
APPROVED

Sohil  
8/24/2018 8:40:55 AM

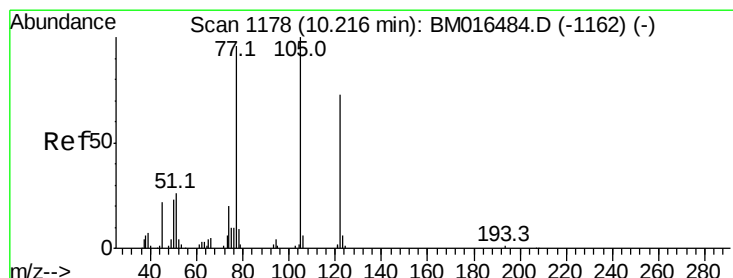
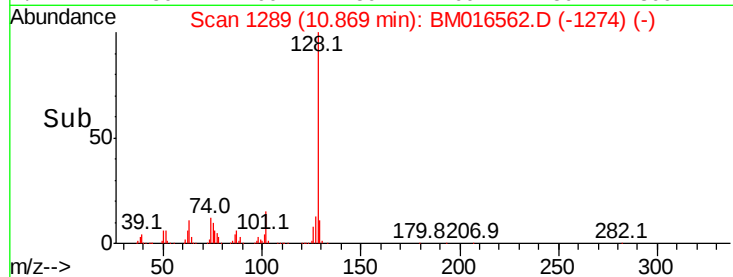
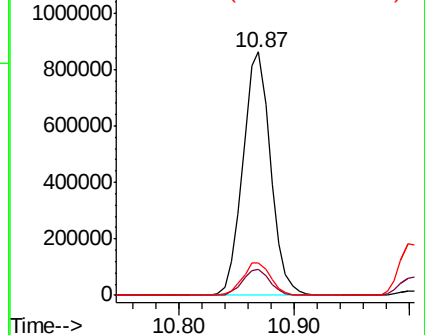


Abundance

Ion 128.00 (127.70 to 128.70): E

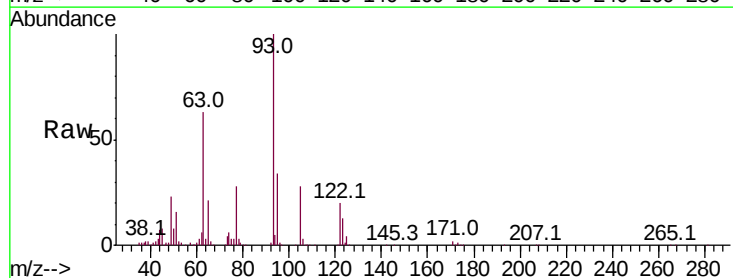
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 36.673 ng  
RT: 10.23 min Scan# 1181  
Delta R.T. 0.02 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 144.9 | 99.9  | 139.9# |
| 77      | 140.9 | 73.7  | 113.7# |

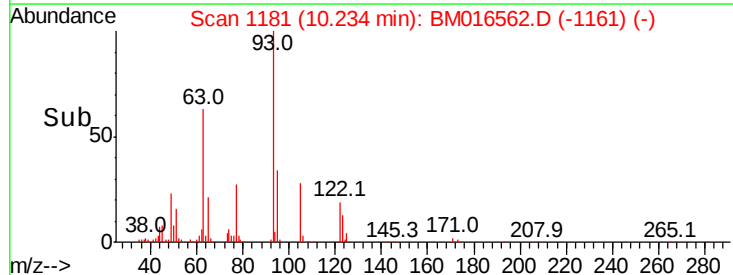
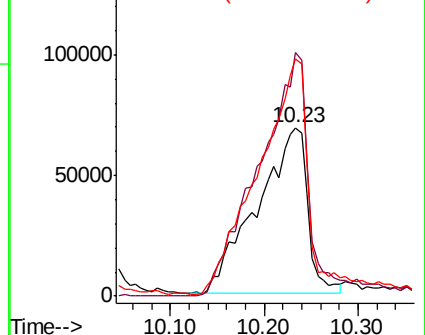


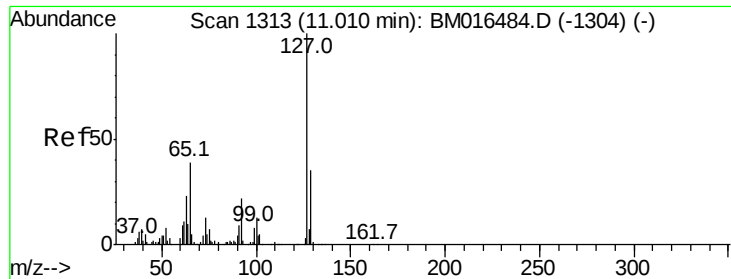
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





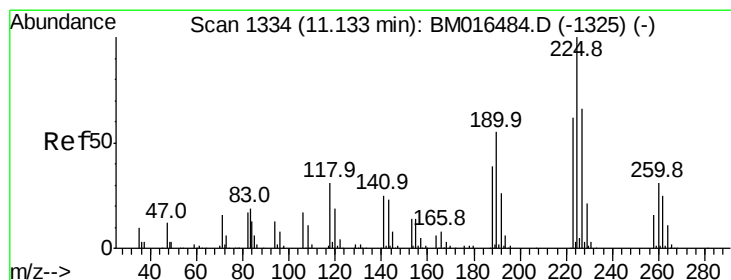
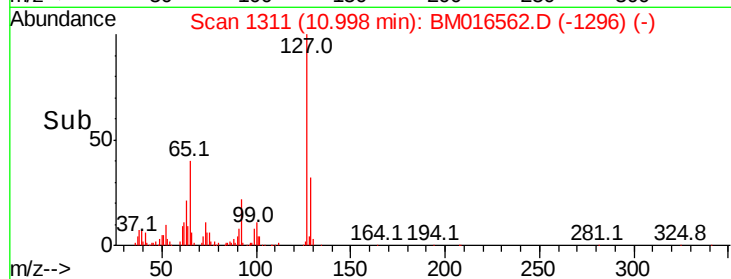
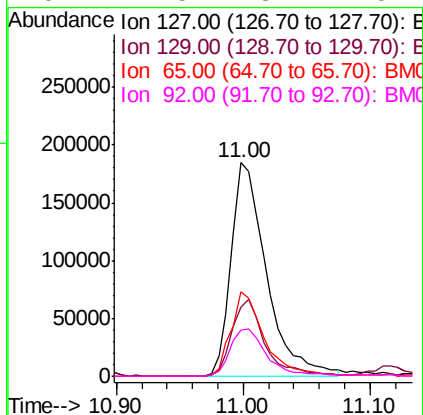
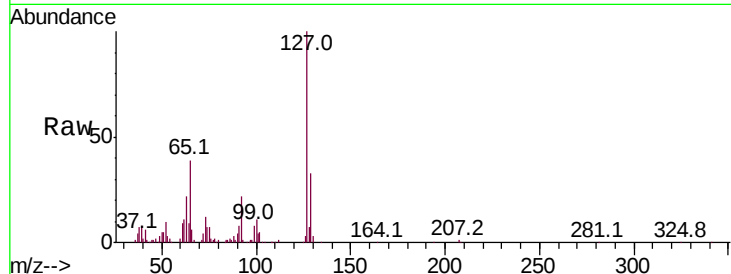
#33  
4-Chloroaniline  
Concen: 25.871 ng  
RT: 11.00 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.7  | 25.3  | 37.9  |
| 65      | 39.4  | 17.6  | 26.4  |
| 92      | 21.5  | 13.1  | 19.7  |

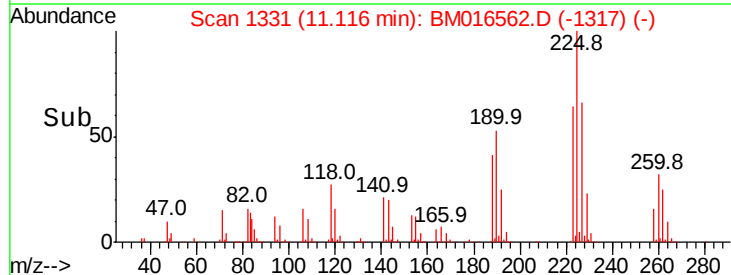
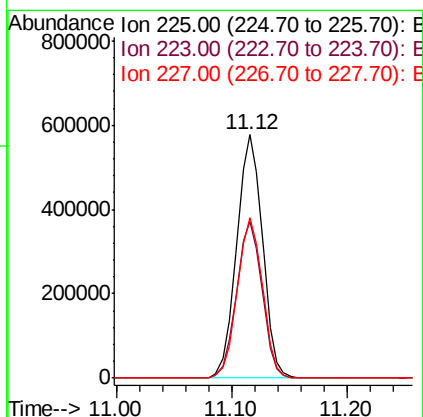
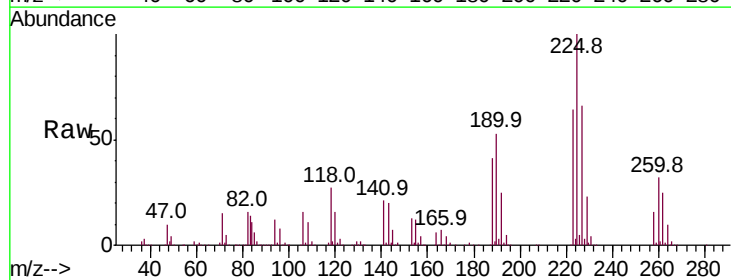
Manual Integrations  
APPROVED

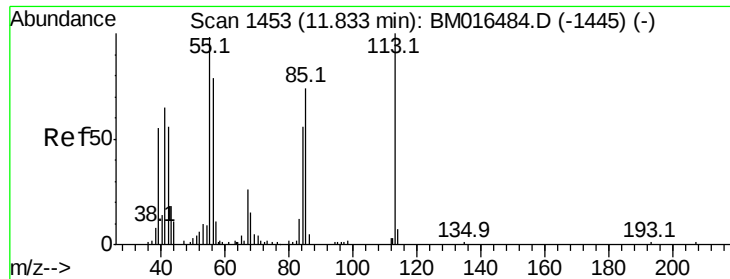
Sohil  
8/24/2018 8:40:55 AM



#34  
Hexachlorobutadiene  
Concen: 49.089 ng  
RT: 11.12 min Scan# 1331  
Delta R.T. -0.02 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.3  | 47.9  | 71.9  |
| 227     | 66.0  | 50.1  | 75.1  |





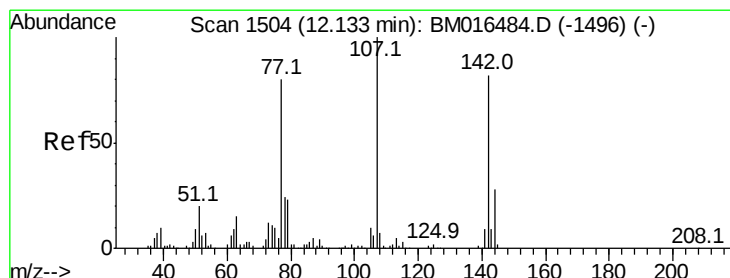
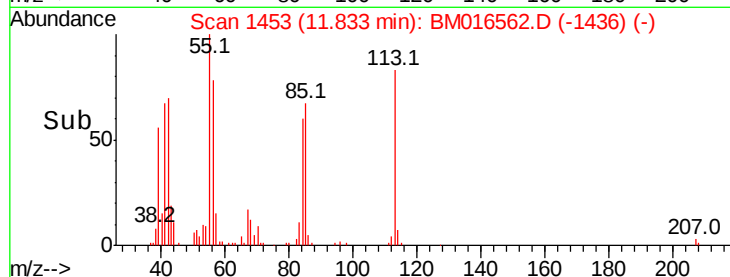
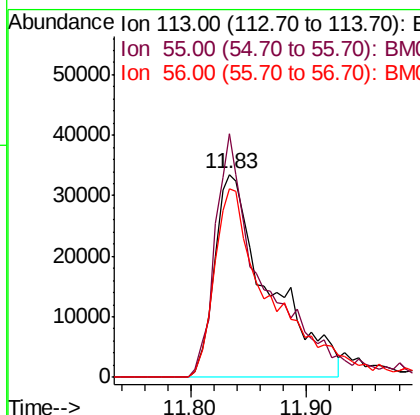
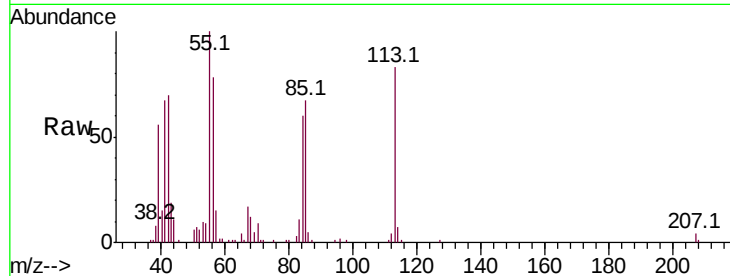
#35  
 Caprolactam  
 Concen: 36.440 ng/ml  
 RT: 11.83 min Scan# 1453  
 Delta R.T. 0.00 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleID :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 120.0 | 145.9 | 185.9# |
| 56      | 93.1  | 101.0 | 141.0# |

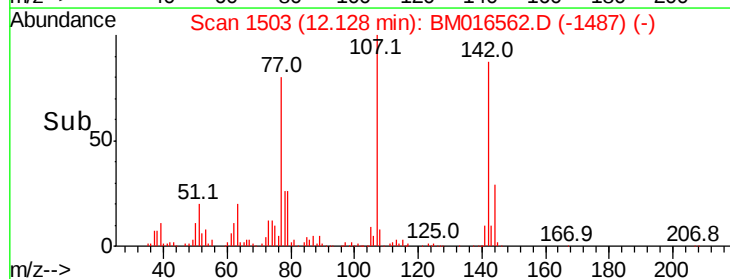
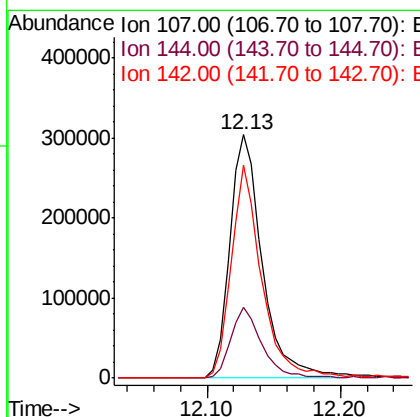
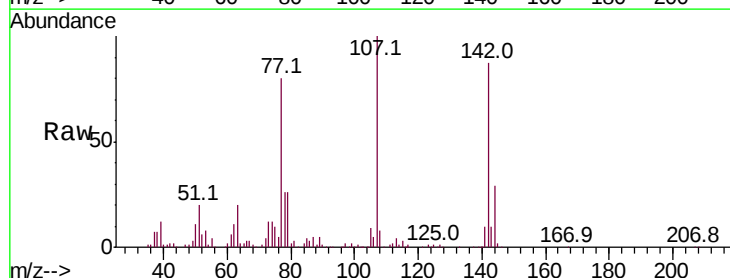
Manual Integrations  
 APPROVED

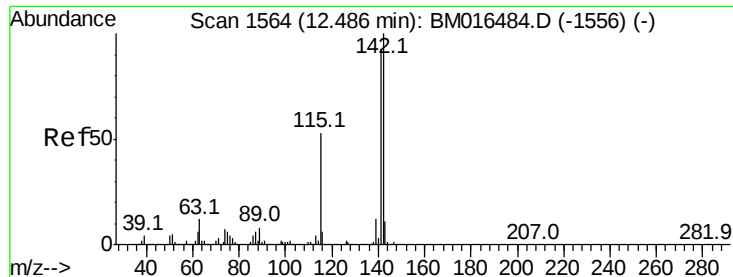
Sohil  
 8/24/2018 8:40:55 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.739 ng/ml  
 RT: 12.13 min Scan# 1503  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 29.2  | 23.3  | 34.9  |
| 142     | 87.3  | 72.6  | 109.0 |





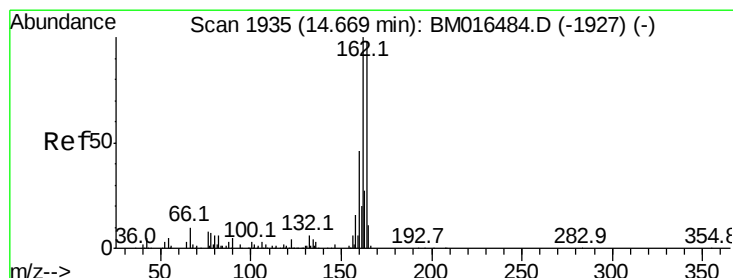
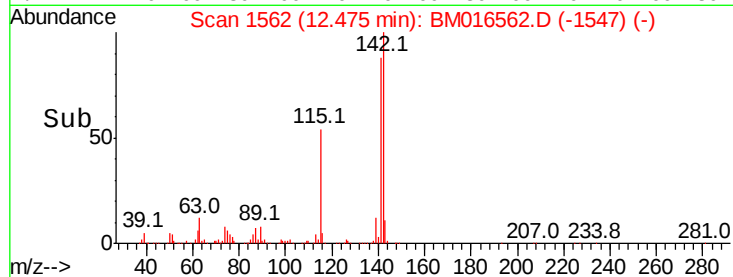
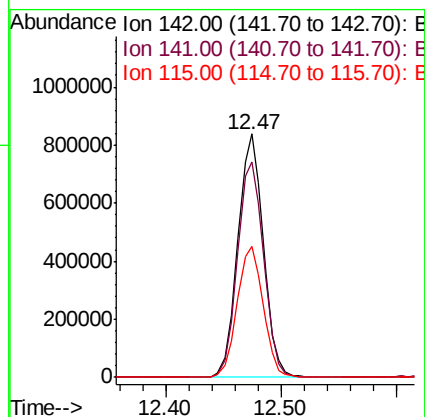
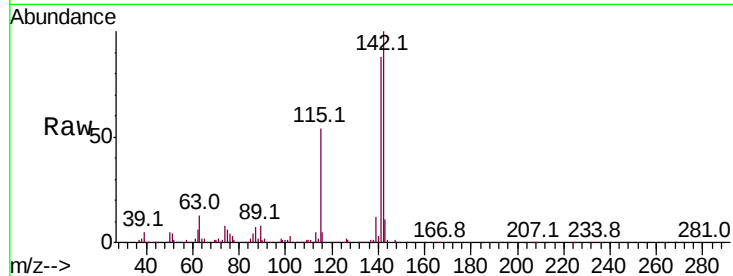
#37  
2-Methylnaphthalene  
Concen: 49.870 ng  
RT: 12.47 min Scan# 1562  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampled :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 71.9  | 107.9 |
| 115     | 53.5  | 25.4  | 38.0  |

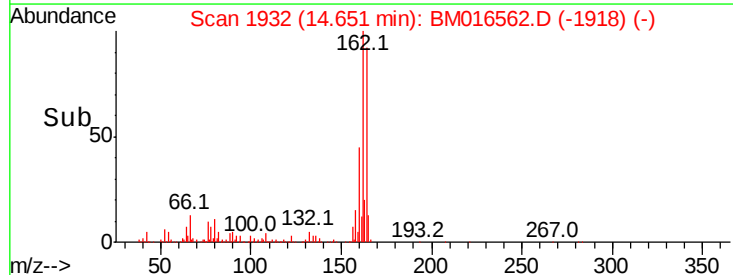
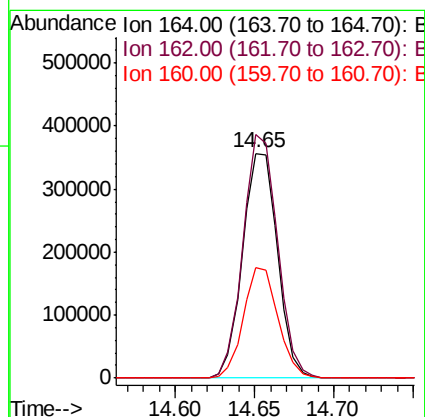
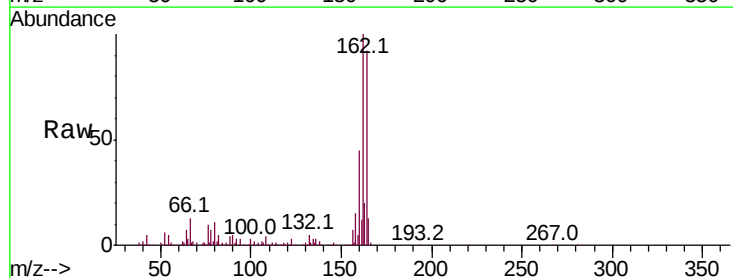
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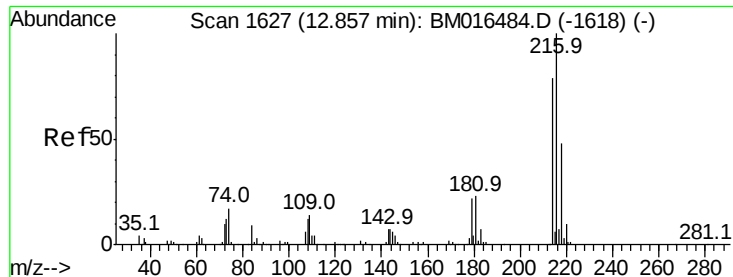
Sohil  
8/24/2018 8:40:55 AM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.65 min Scan# 1932  
Delta R.T. -0.02 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 108.5 | 82.4  | 123.6 |
| 160     | 49.2  | 35.8  | 53.6  |





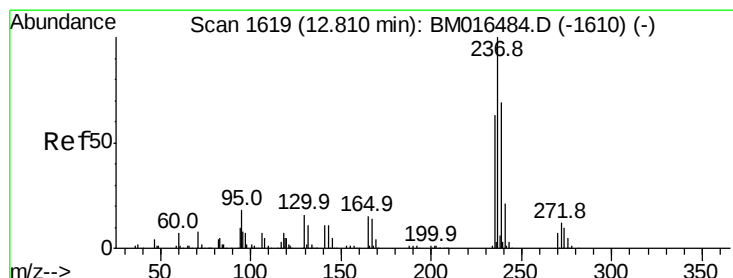
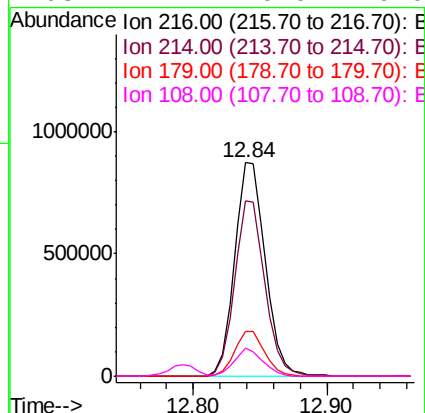
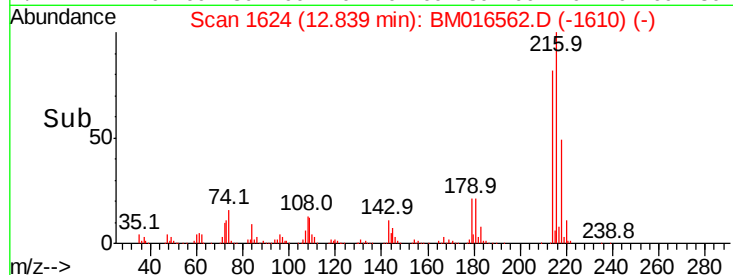
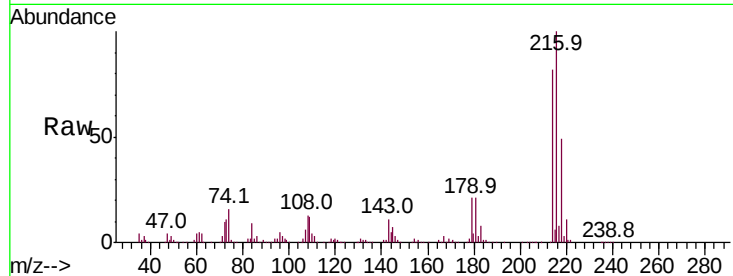
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.367 ng  
 RT: 12.84 min Scan# 1624  
 Delta R.T. -0.02 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.6  | 0.0   | 0.0#  |
| 179     | 20.9  | 0.0   | 0.0#  |
| 108     | 12.2  | 0.0   | 0.0#  |

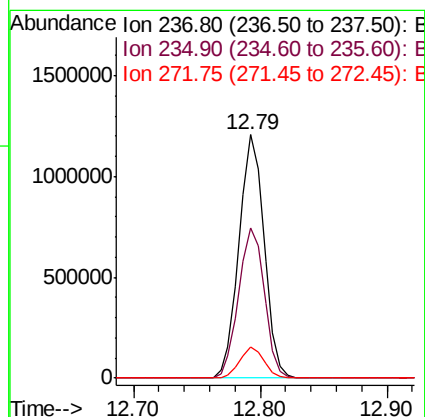
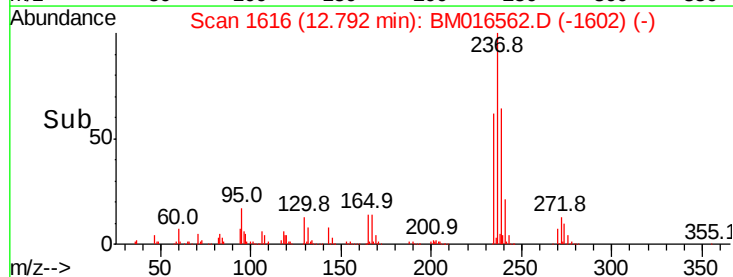
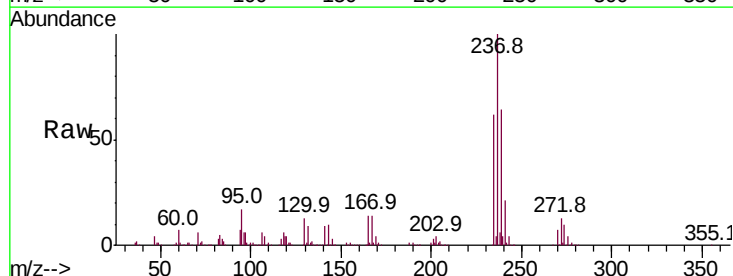
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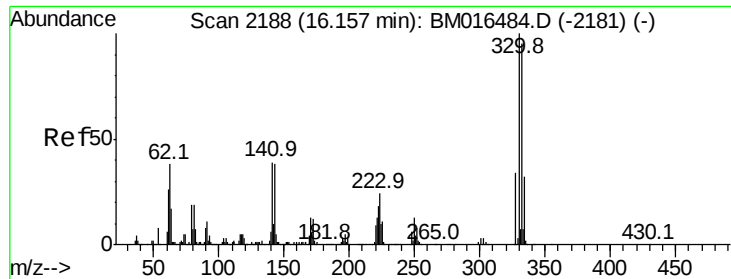
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 8/24/2018 8:40:55 AM



#40  
 Hexachlorocyclopentadiene  
 Concen: 105.467 ng  
 RT: 12.79 min Scan# 1616  
 Delta R.T. -0.02 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 61.9  | 42.0  | 82.0  |
| 272     | 12.7  | 0.0   | 33.4  |





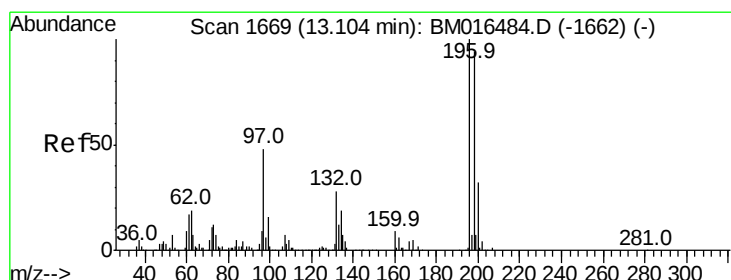
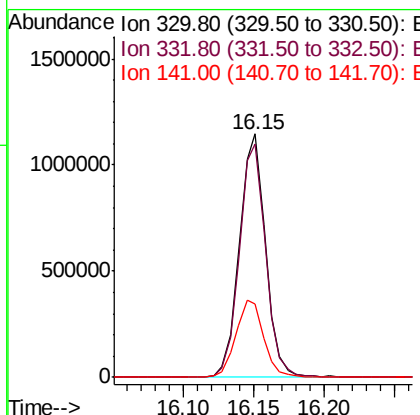
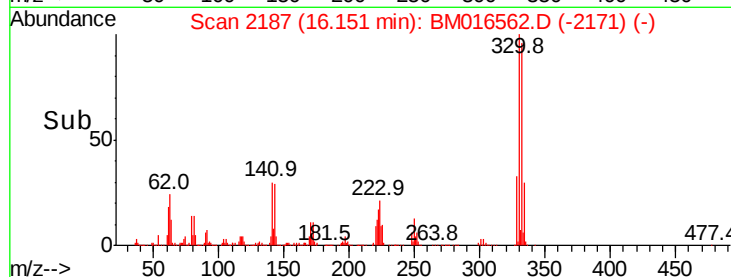
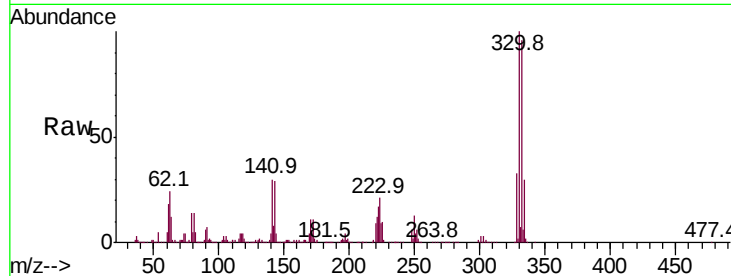
#41  
 2,4,6-Tribromophenol  
 Concen: 97.174 ng  
 RT: 16.15 min Scan# 2187  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 0.0   | 0.0#  |
| 141     | 33.9  | 0.0   | 0.0#  |

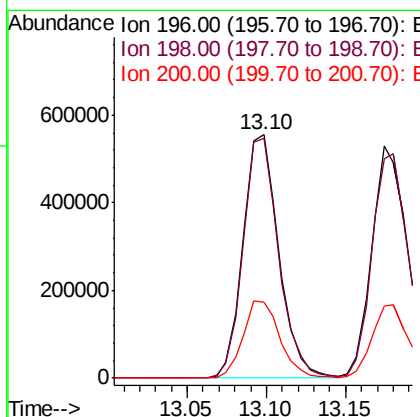
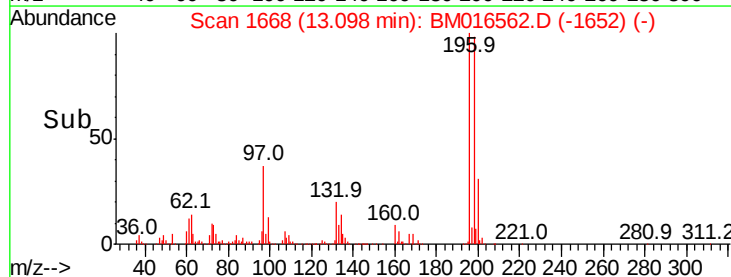
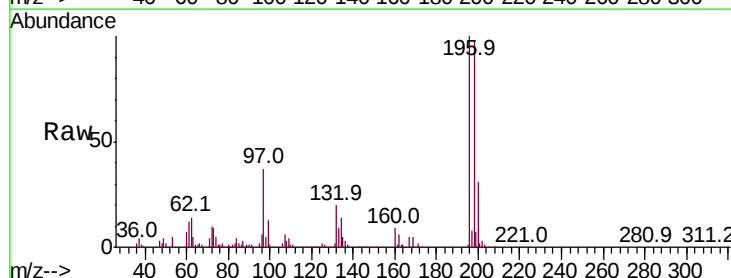
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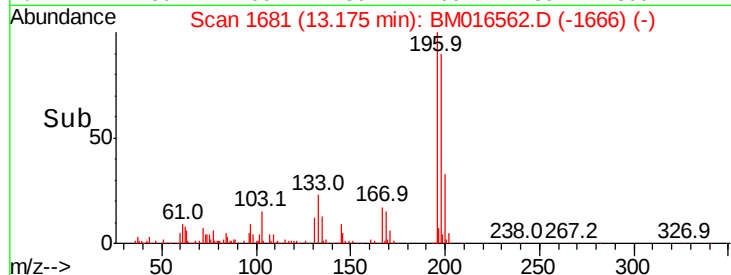
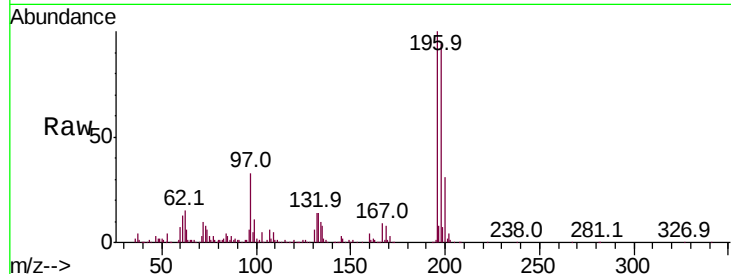
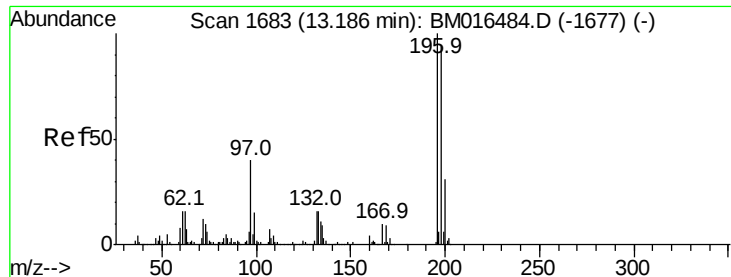
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#42  
 2,4,6-Trichlorophenol  
 Concen: 47.389 ng  
 RT: 13.10 min Scan# 1668  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.2  | 76.3  | 114.5 |
| 200     | 31.4  | 25.6  | 38.4  |





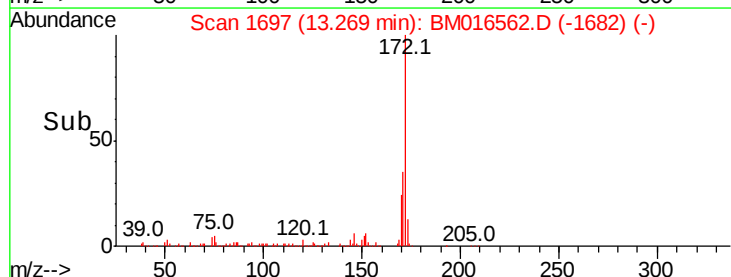
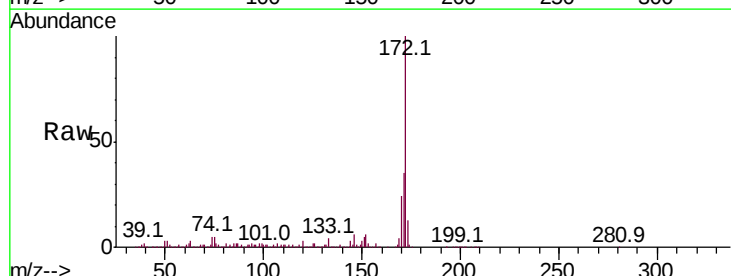
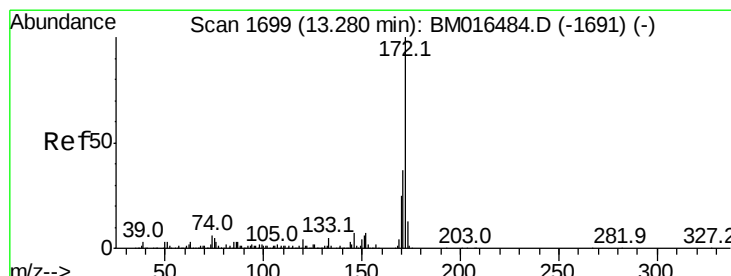
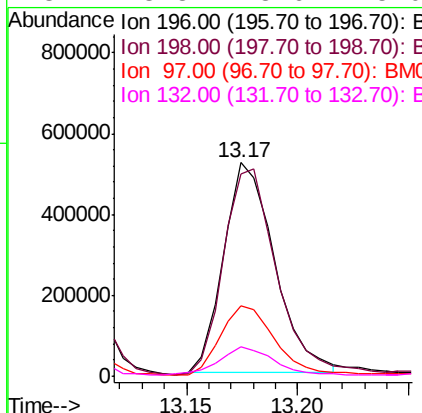
#43  
2,4,5-Trichlorophenol  
Concen: 46.313 ng/mL  
RT: 13.17 min Scan# 1681  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 832501 |       |       |
| 198     | 94.4  | 79.4   | 119.0 |       |
| 97      | 33.2  | 26.8   | 40.2  |       |
| 132     | 13.8  | 18.6   | 28.0  |       |

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

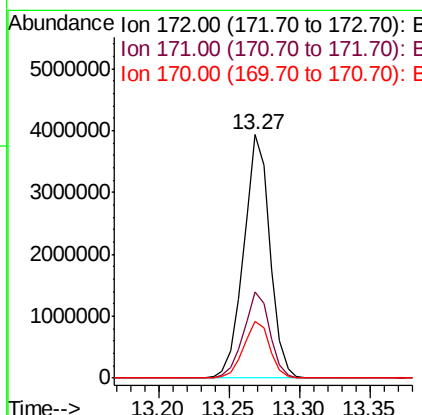
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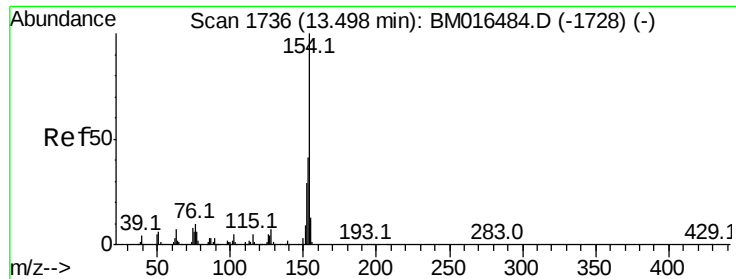
Sohil  
8/24/2018 8:40:55 AM



#44  
2-Fluorobiphenyl  
Concen: 89.799 ng/mL  
RT: 13.27 min Scan# 1697  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 5090311 |       |       |
| 171     | 35.3  | 28.5    | 42.7  |       |
| 170     | 23.5  | 18.8    | 28.2  |       |





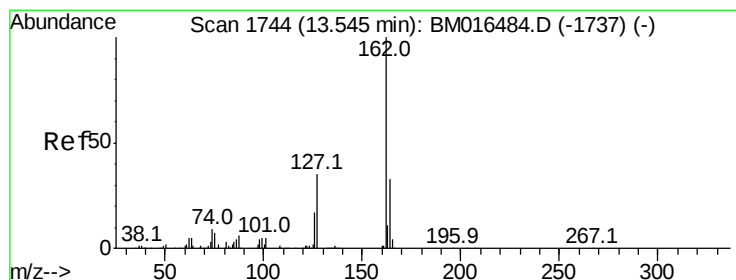
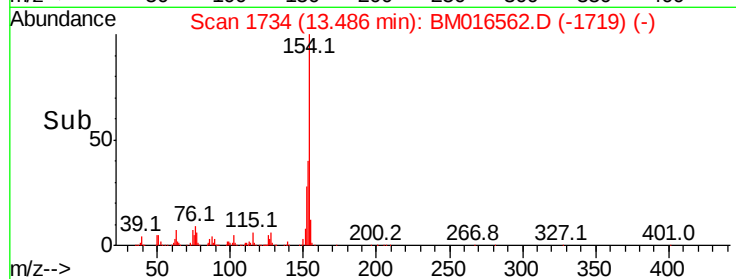
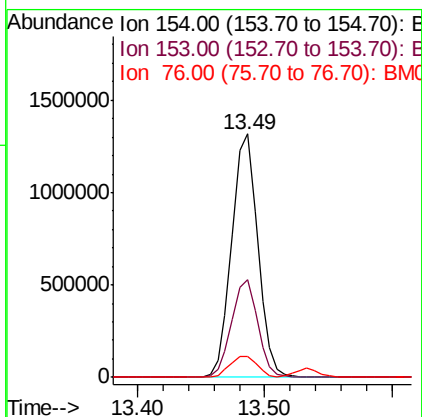
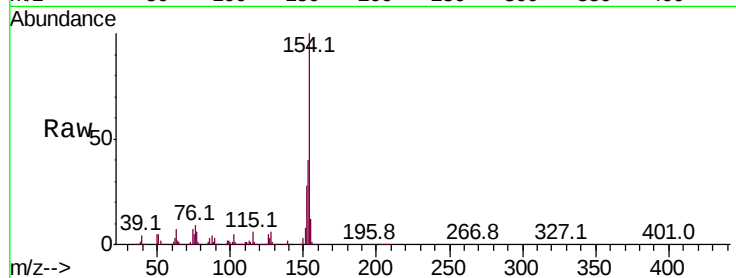
#45  
 1,1'-Biphenyl  
 Concen: 39.274 ng  
 RT: 13.49 min Scan# 1734  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.4  | 20.7  | 60.7  |
| 76      | 8.5   | 0.0   | 30.9  |

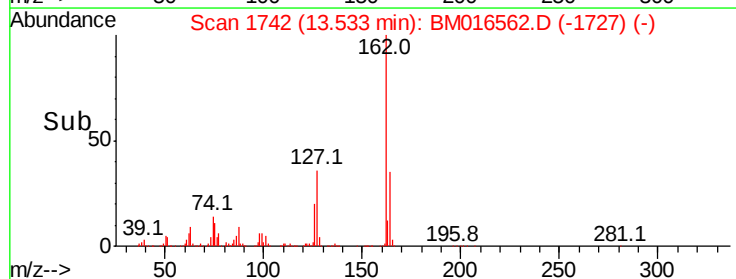
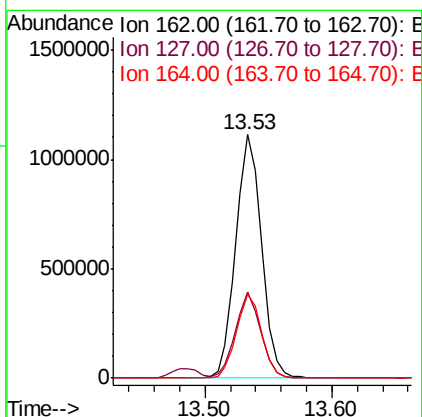
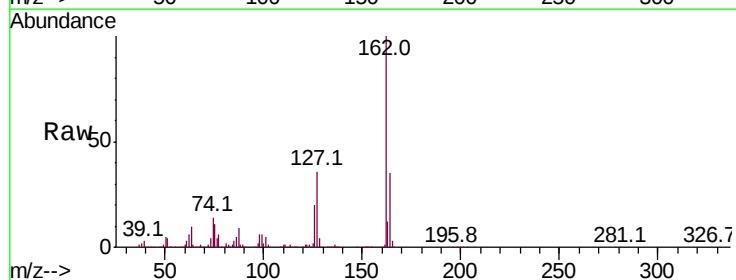
Manual Integrations  
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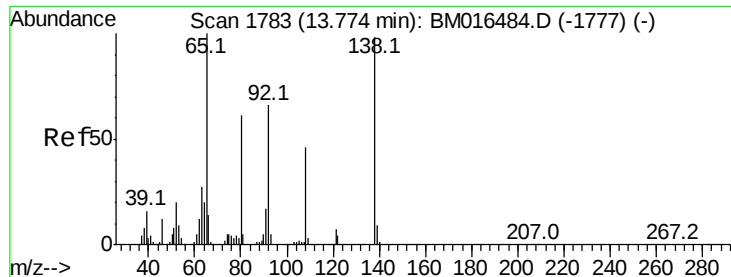
Sohil  
 8/24/2018 8:40:55 AM



#46  
 2-Chloronaphthalene  
 Concen: 40.354 ng  
 RT: 13.53 min Scan# 1742  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.6  | 26.9  | 40.3  |
| 164     | 34.6  | 26.8  | 40.2  |





#47

2-Nitroaniline

Concen: 35.315 ng

RT: 13.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Instrument :

BNA\_M

ClientSampleId :

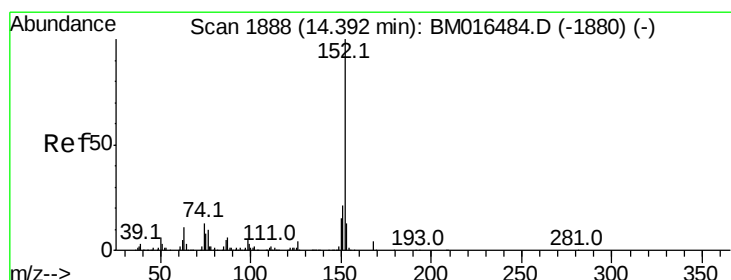
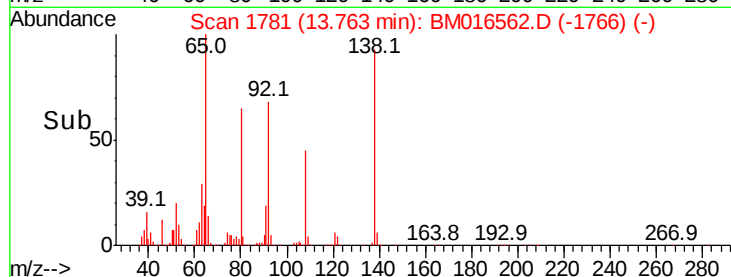
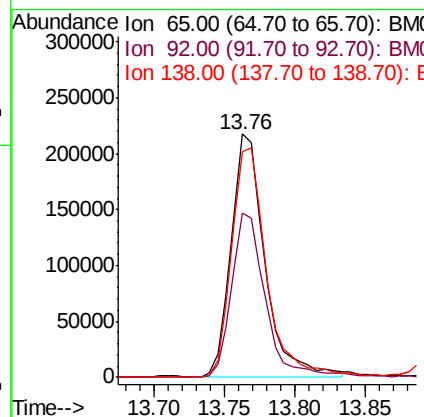
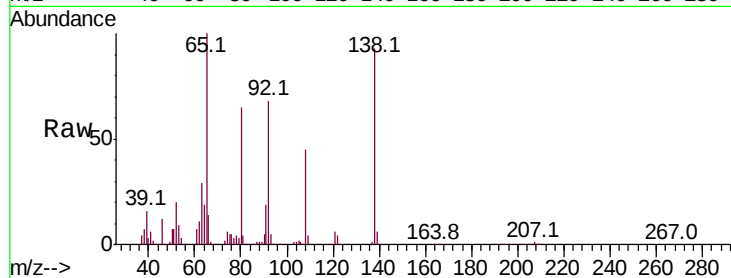
PB112325BSD

Tot Ion: 65 Resp: 365120  
Ion Ratio Lower Upper

|     |      |      |       |
|-----|------|------|-------|
| 65  | 100  |      |       |
| 92  | 67.7 | 59.1 | 88.7  |
| 138 | 92.5 | 93.9 | 140.9 |

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#48

Acenaphthylene

Concen: 42.365 ng

RT: 14.38 min Scan# 1886

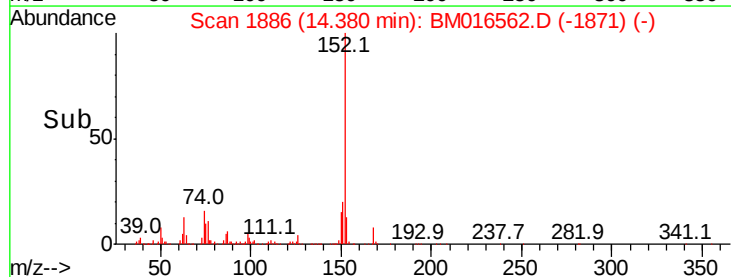
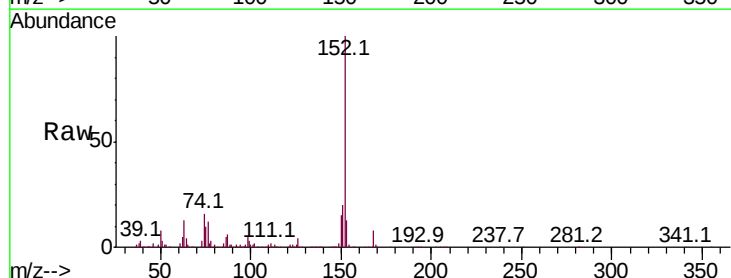
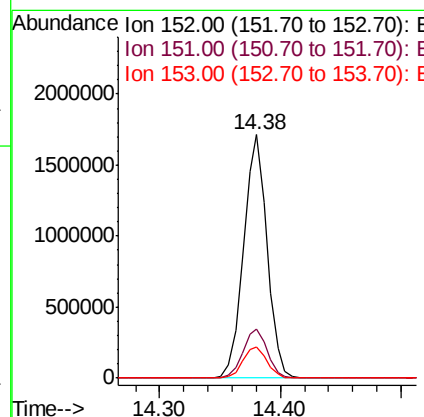
Delta R.T. -0.01 min

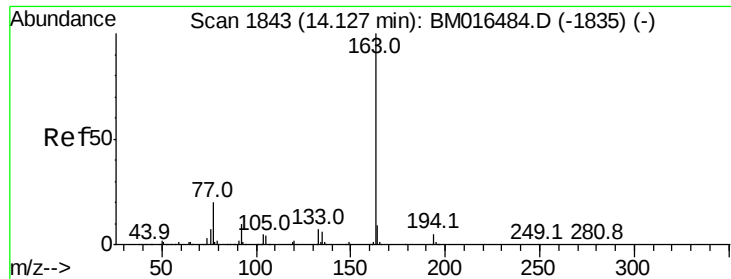
Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Tgt Ion: 152 Resp: 2321213  
Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 152 | 100  |      |      |
| 151 | 20.4 | 15.9 | 23.9 |
| 153 | 12.9 | 10.6 | 16.0 |





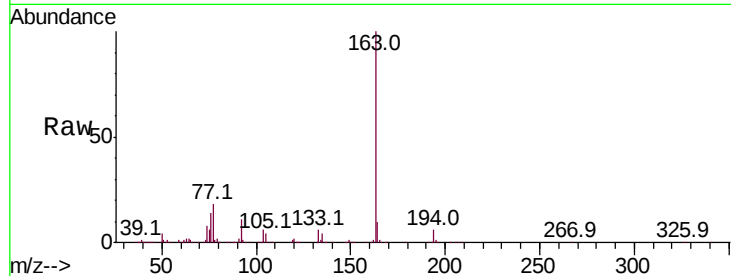
#49  
Dimethylphthalate  
Concen: 41.925 ng  
RT: 14.12 min Scan# 1842  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 6.0   | 2.7   | 4.1#  |
| 164     | 10.1  | 8.2   | 12.2  |

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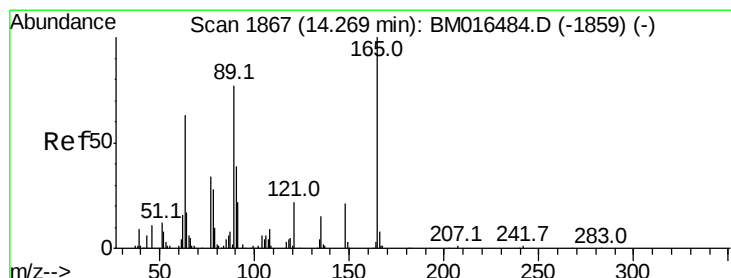
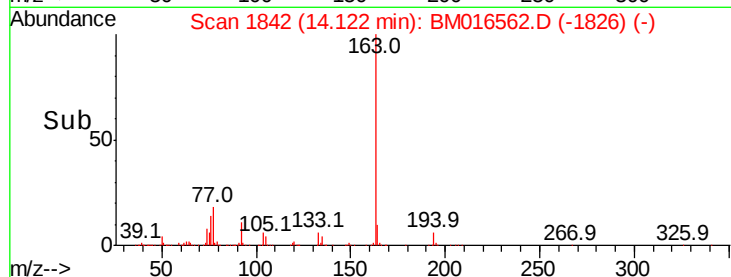
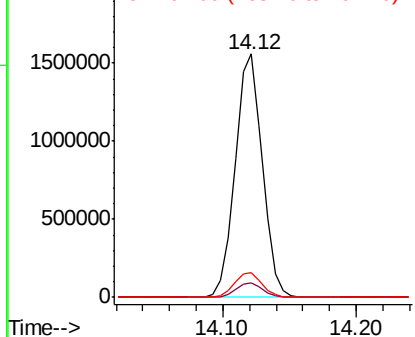


Abundance

Ion 163.00 (162.70 to 163.70): E

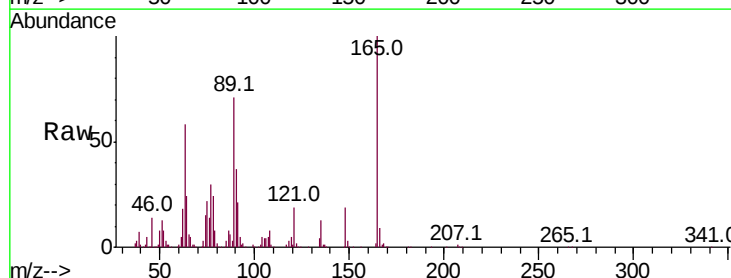
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50  
2,6-Dinitrotoluene  
Concen: 42.986 ng  
RT: 14.26 min Scan# 1866  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 57.6  | 44.1  | 66.1  |
| 89      | 70.6  | 44.3  | 66.5# |

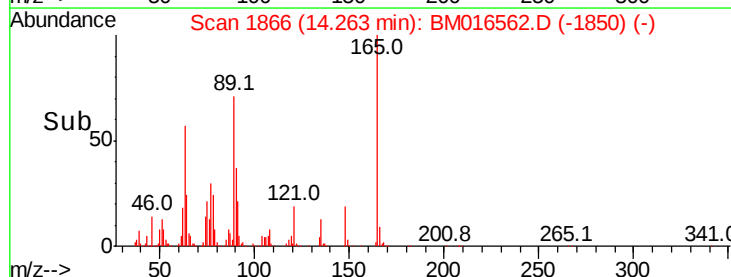
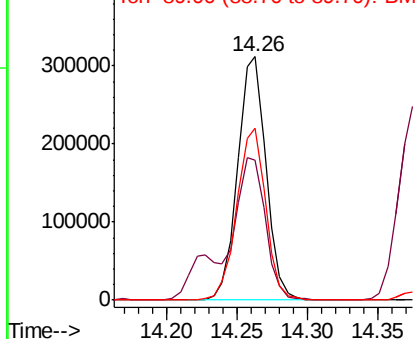


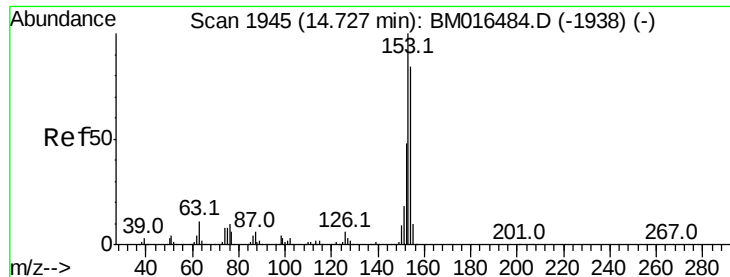
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.167 ng

RT: 14.72 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Instrument :

BNA\_M

ClientSampleId :

PB112325BSD

Tot Ion:154 Resp: 1352085

Ion Ratio Lower Upper

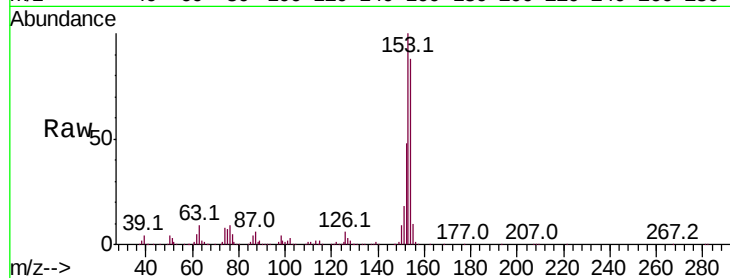
154 100

153 113.5 90.0 135.0

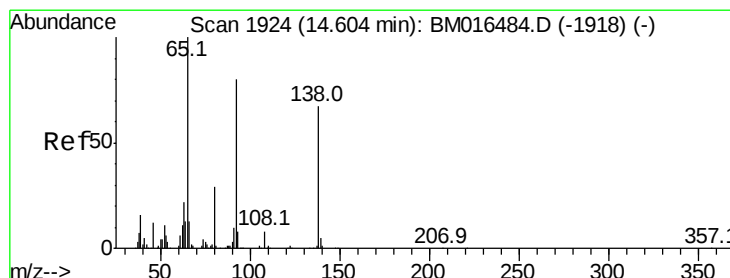
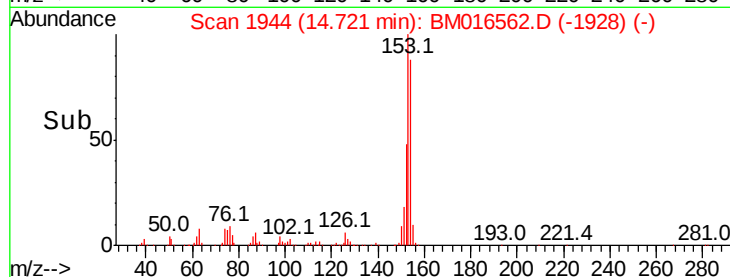
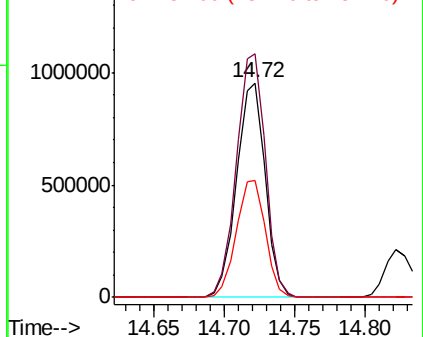
152 54.3 42.6 63.8

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



#52

3-Nitroaniline

Concen: 24.908 ng

RT: 14.60 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

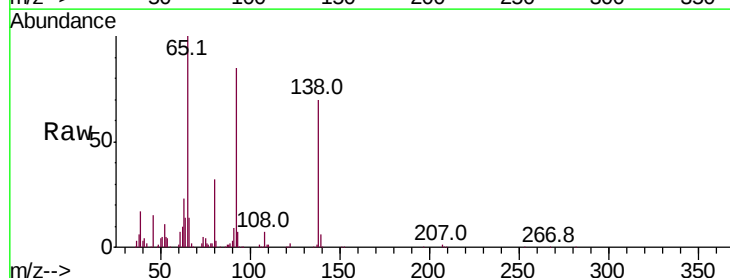
Tgt Ion:138 Resp: 231405

Ion Ratio Lower Upper

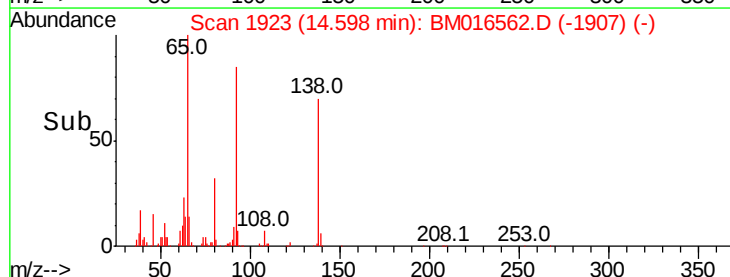
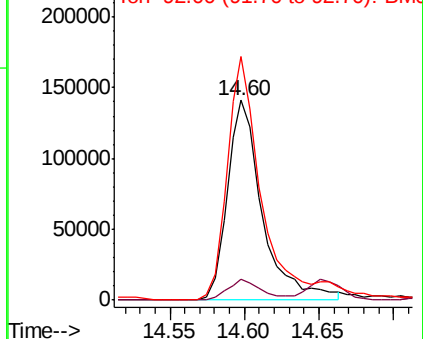
138 100

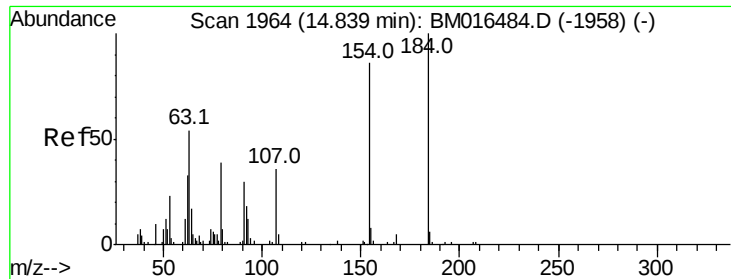
108 10.4 7.3 10.9

92 121.8 76.6 114.8#



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





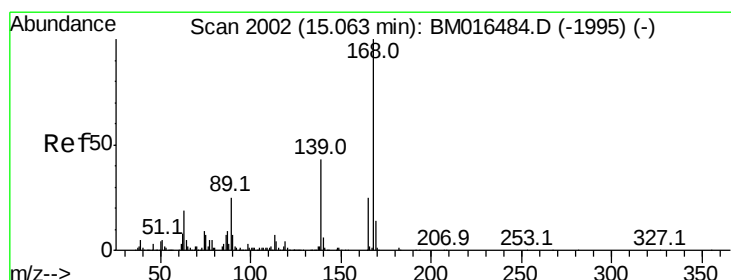
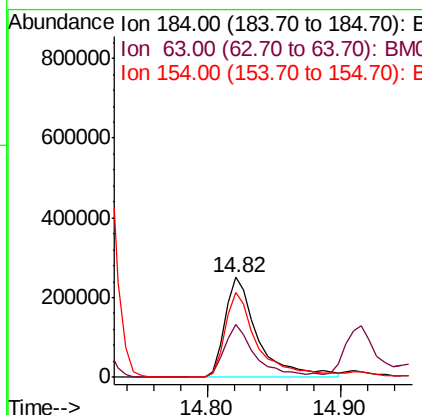
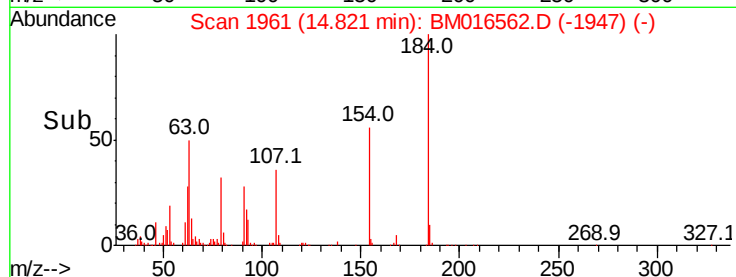
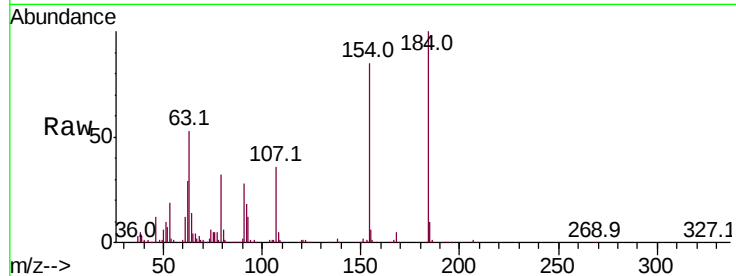
#53  
2,4-Dinitrophenol  
Concen: 85.171 ng  
RT: 14.82 min Scan# 1961  
Delta R.T. -0.02 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 184     | 100   |      |        |       |
| 63      | 53.2  | 69.2 | 103.8# |       |
| 154     | 85.2  | 53.3 | 79.9#  |       |

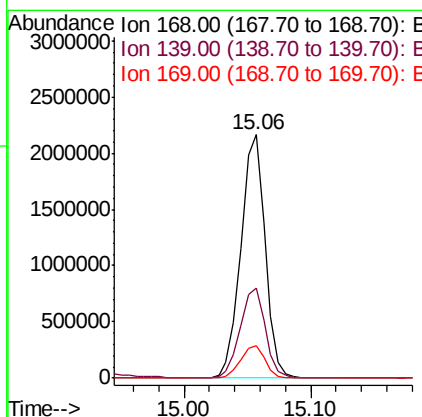
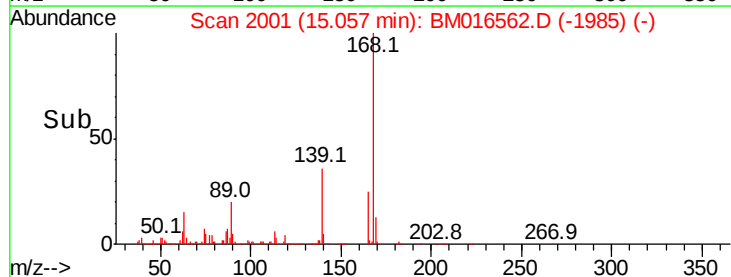
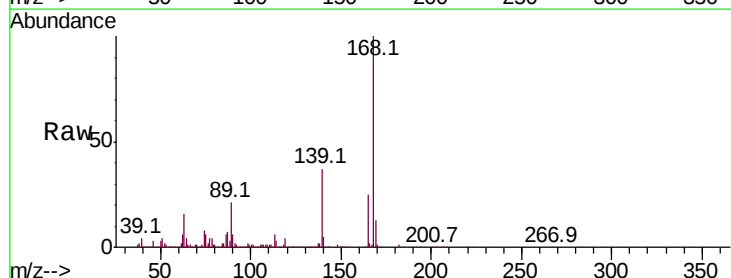
Manual Integrations  
APPROVED

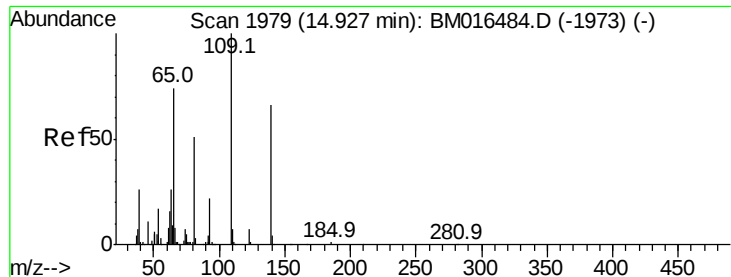
Sohil  
8/24/2018 8:40:55 AM



#54  
Dibenzofuran  
Concen: 44.368 ng  
RT: 15.06 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 36.9  | 27.3 | 40.9  |       |
| 169     | 13.2  | 10.6 | 16.0  |       |





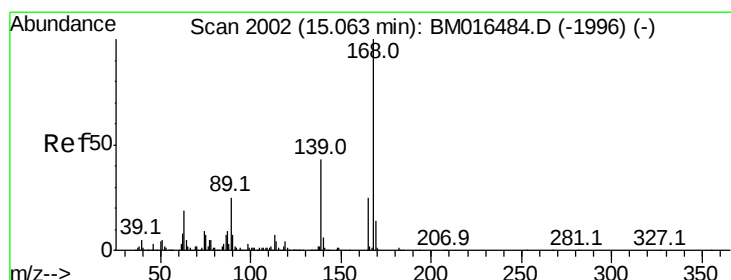
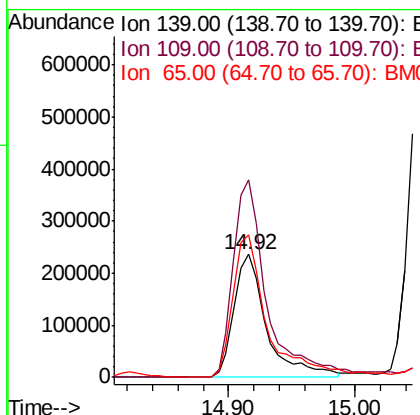
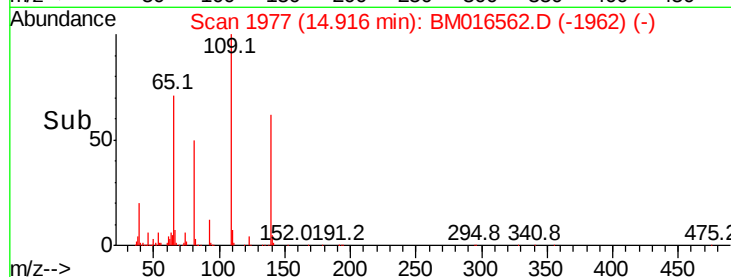
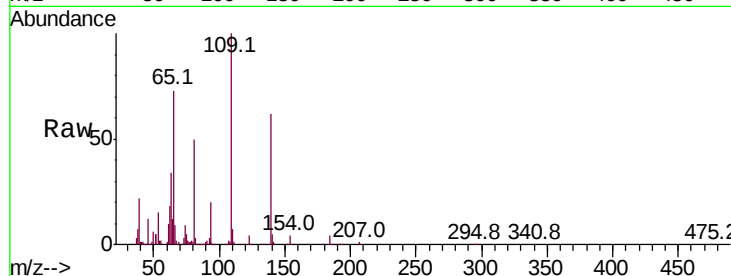
#55  
4-Nitrophenol  
Concen: 71.172 ng  
RT: 14.92 min Scan# 1977  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 160.1 | 130.0 | 170.0 |
| 65      | 116.2 | 130.0 | 170.0 |

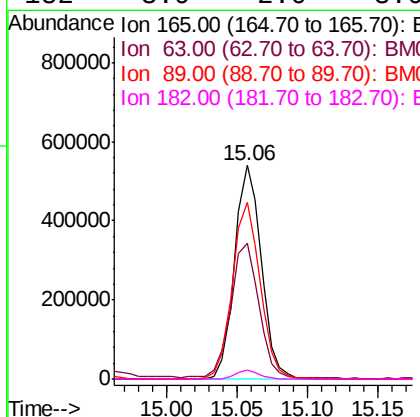
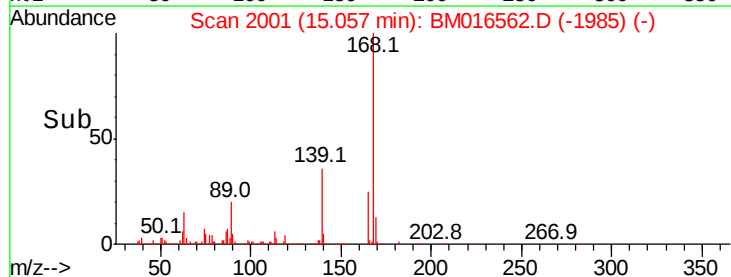
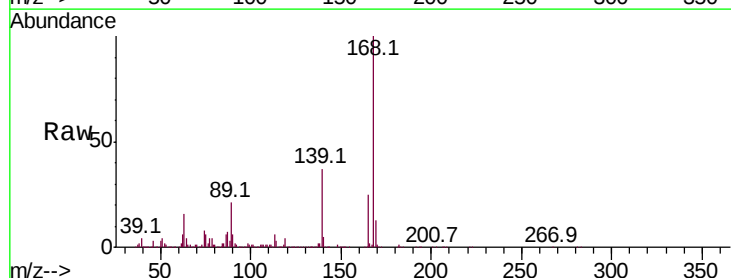
Manual Integrations  
APPROVED

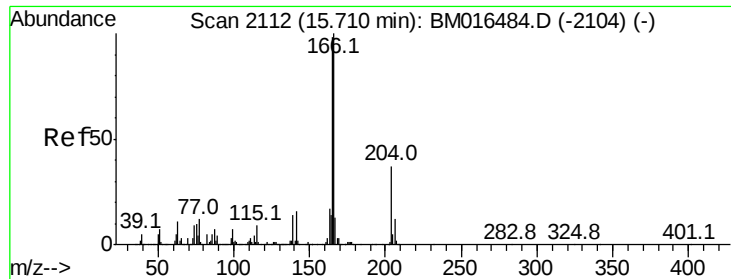
Sohil  
8/24/2018 8:40:55 AM



#56  
2,4-Dinitrotoluene  
Concen: 41.890 ng  
RT: 15.06 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 63.8  | 52.4  | 78.6  |
| 89      | 82.6  | 72.4  | 108.6 |
| 182     | 3.9   | 2.0   | 3.0   |





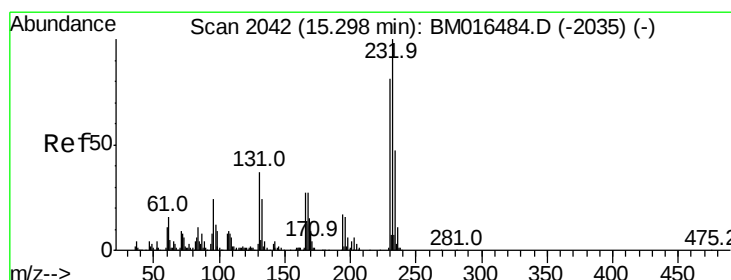
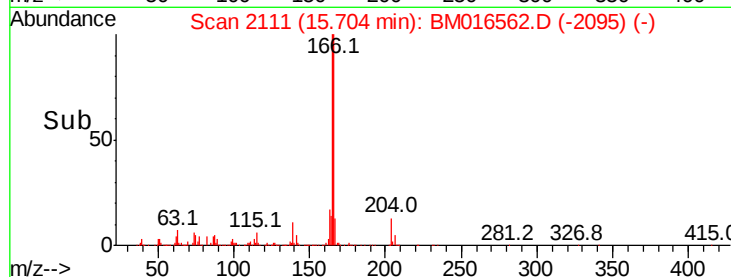
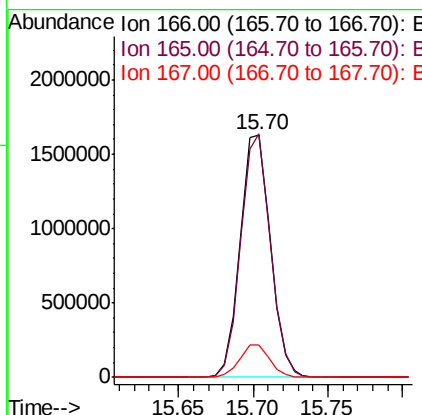
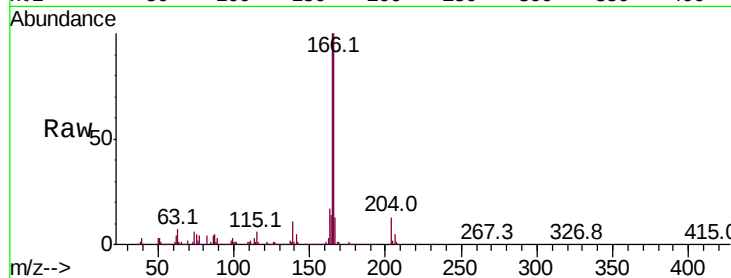
#57  
 Fluorene  
 Concen: 47.135 ng  
 RT: 15.70 min Scan# 2111  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.4 | 79.0  | 118.4 |
| 167     | 13.2  | 10.3  | 15.5  |

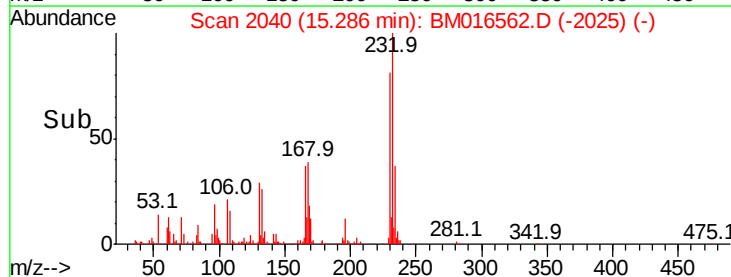
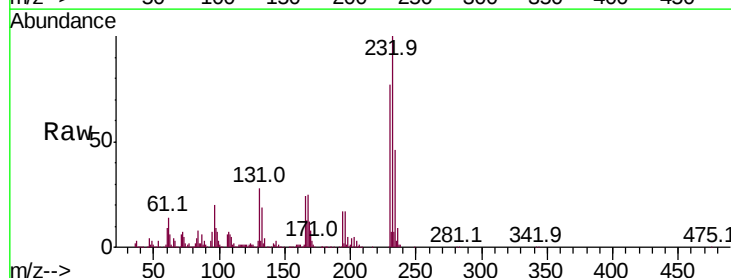
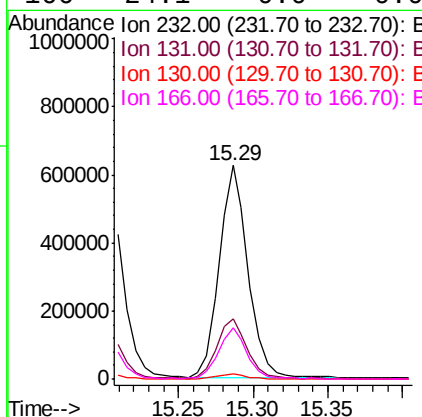
Manual Integrations  
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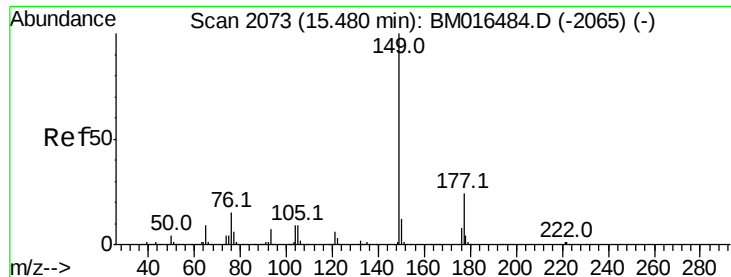
Sohil  
 8/24/2018 8:40:55 AM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 48.454 ng  
 RT: 15.29 min Scan# 2040  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 29.2  | 0.0   | 0.0#  |
| 130     | 2.5   | 0.0   | 0.0#  |
| 166     | 24.1  | 0.0   | 0.0#  |





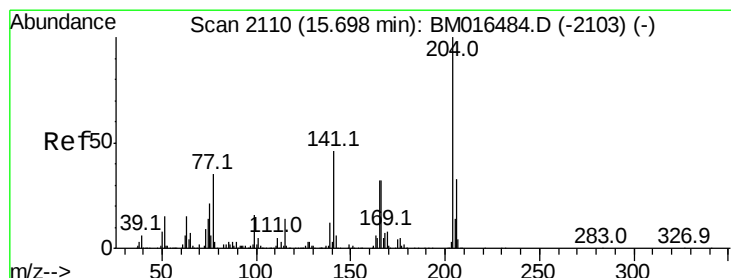
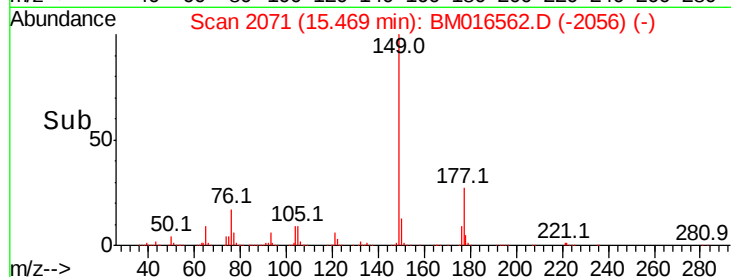
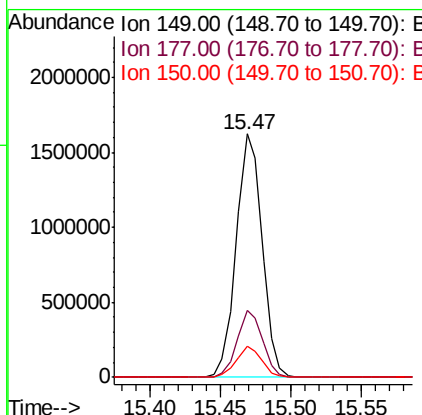
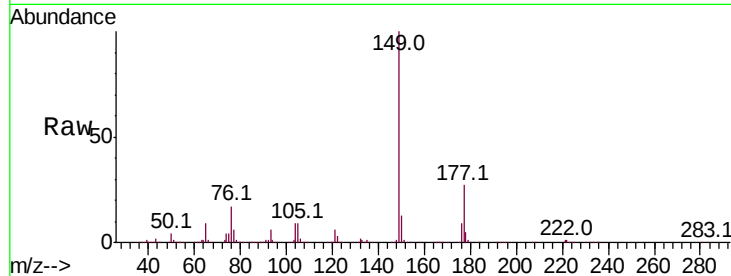
#59  
 Diethylphthalate  
 Concen: 38.009 ng  
 RT: 15.47 min Scan# 2071  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 27.3  | 18.3  | 27.5  |
| 150     | 12.9  | 9.8   | 14.8  |

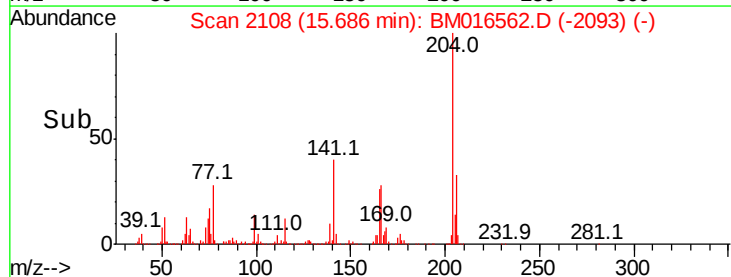
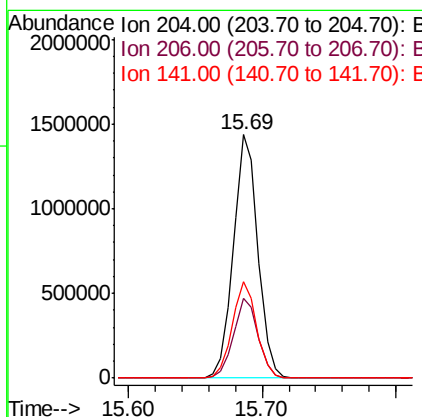
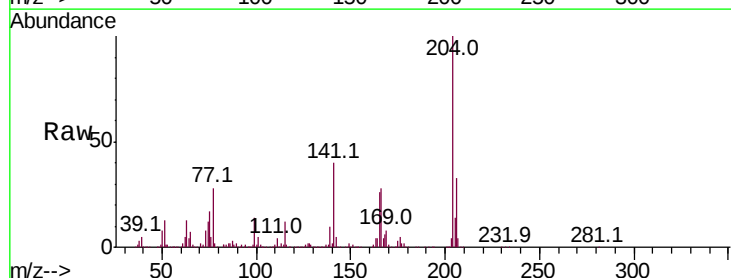
Manual Integrations  
 APPROVED

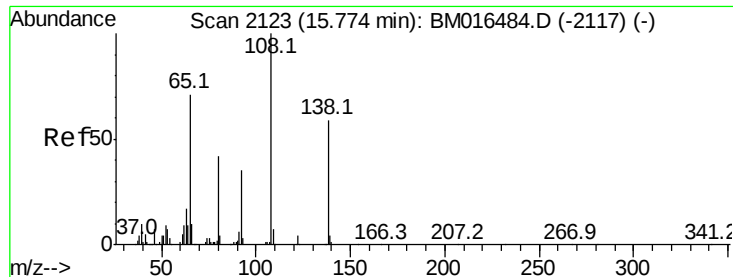
Sohil  
 8/24/2018 8:40:55 AM



#60  
 4-Chlorophenyl-phenylether  
 Concen: 45.012 ng  
 RT: 15.69 min Scan# 2108  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.8  | 26.6  | 39.8  |
| 141     | 39.7  | 45.2  | 67.8# |





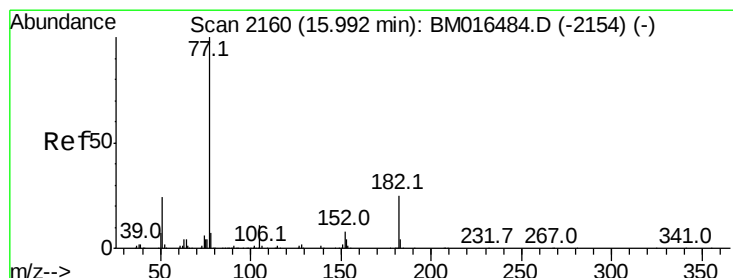
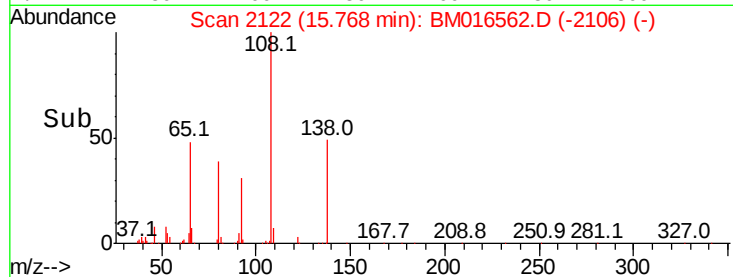
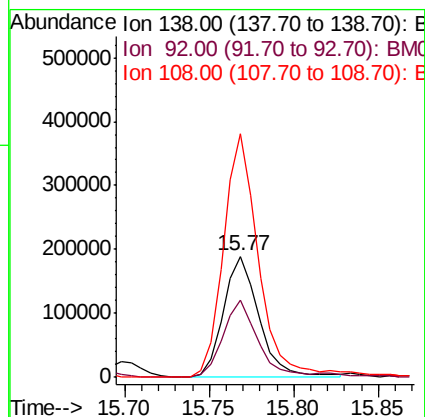
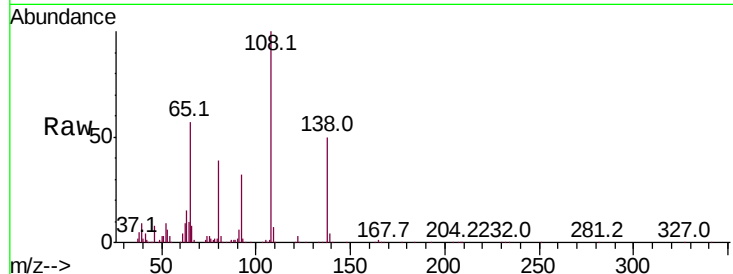
#61  
4-Nitroaniline  
Concen: 30.725 ng  
RT: 15.77 min Scan# 2122  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampled :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 63.9  | 16.7  | 56.7# |
| 108     | 200.8 | 37.6  | 77.6# |

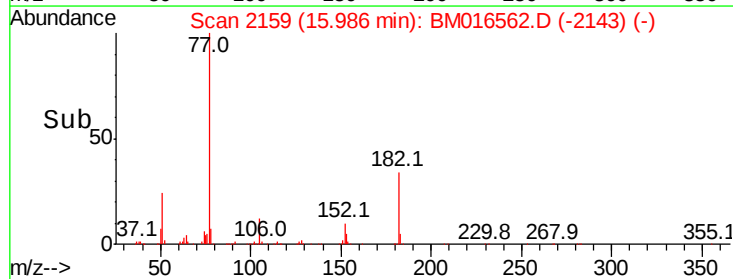
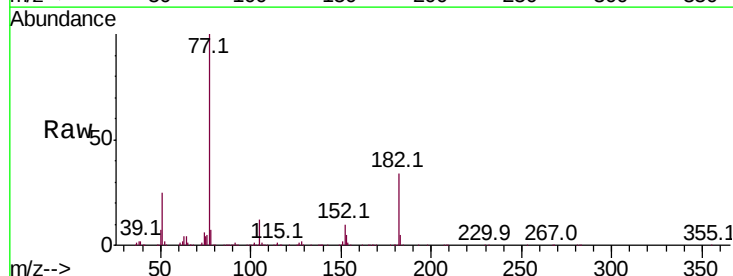
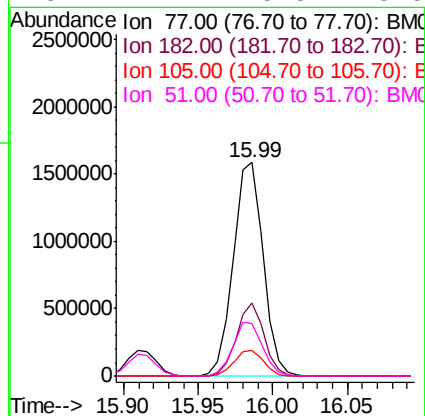
Manual Integrations  
APPROVED

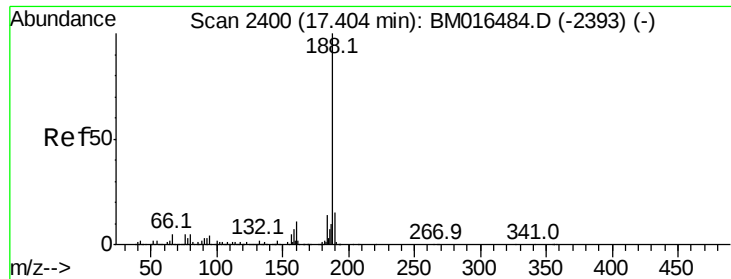
Sohil  
8/24/2018 8:40:55 AM



#62  
Azobenzene  
Concen: 38.099 ng  
RT: 15.99 min Scan# 2159  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 33.9  | 6.5   | 46.5  |
| 105     | 12.3  | 3.8   | 43.8  |
| 51      | 24.7  | 5.5   | 45.5  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Instrument :

BNA\_M

ClientSampleId :

PB112325BSD

Tot Ion:188 Resp: 1640488

Ion Ratio Lower Upper

188 100

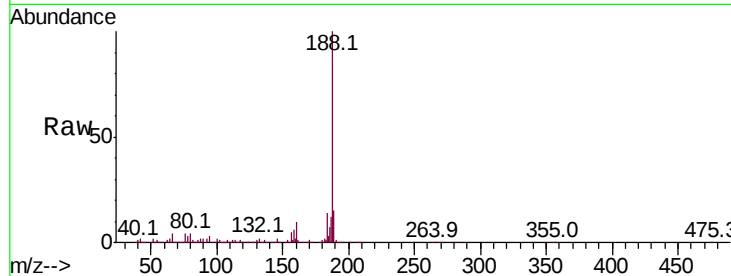
94 3.5 8.7 13.1#

80 3.9 9.3 13.9#

Manual Integrations  
APPROVED

Sohil

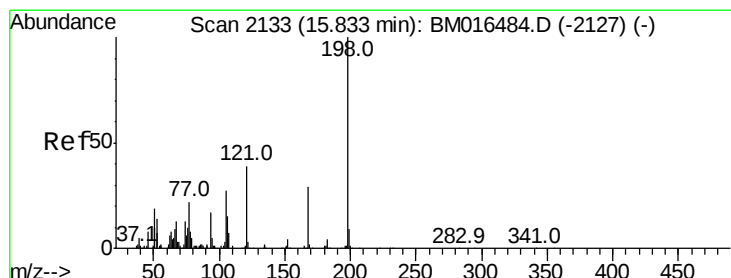
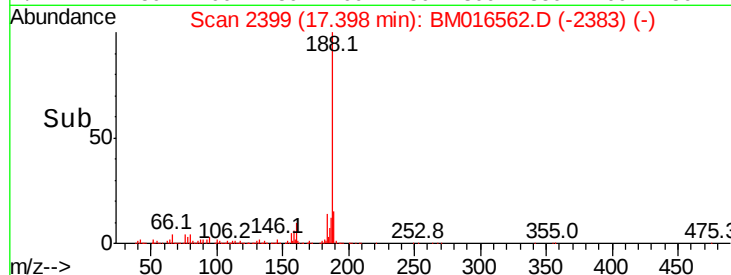
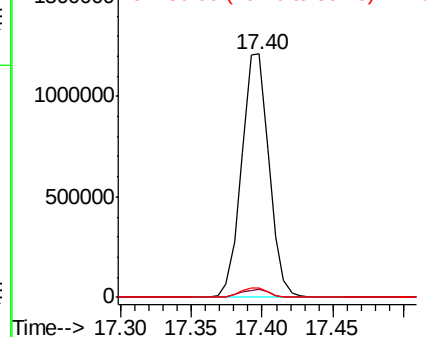
8/24/2018 8:40:55 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#64

4,6-Dinitro-2-methylphenol

Concen: 34.820 ng

RT: 15.83 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

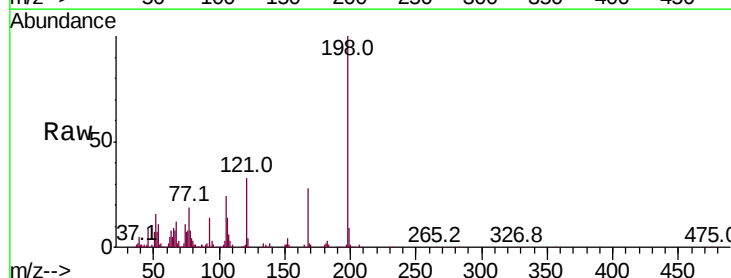
Tgt Ion:198 Resp: 434020

Ion Ratio Lower Upper

198 100

51 16.5 28.8 68.8#

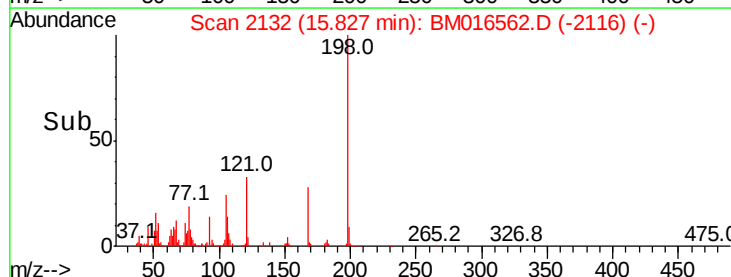
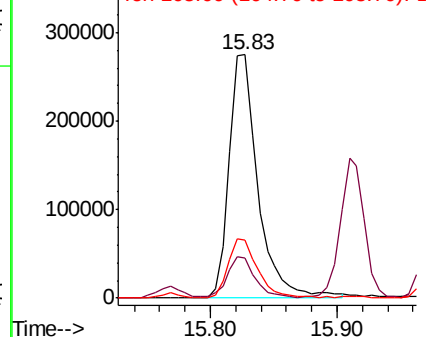
105 24.0 30.5 70.5#

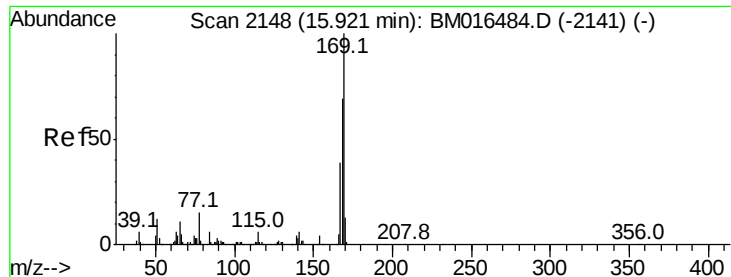


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E





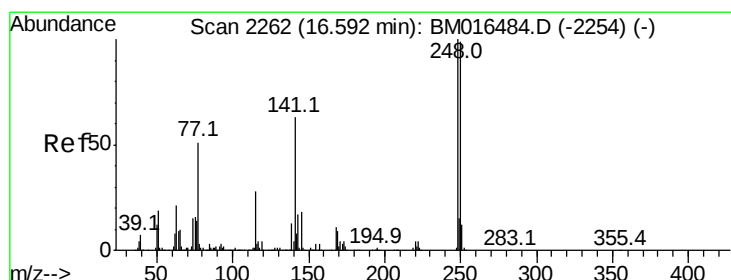
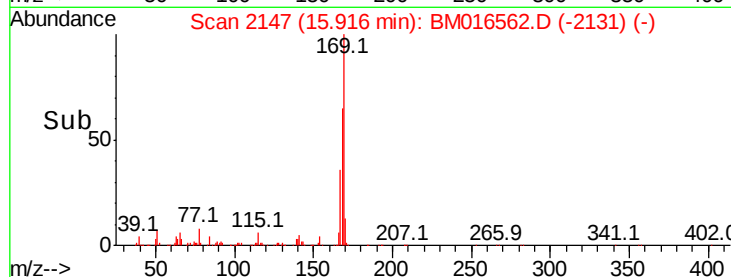
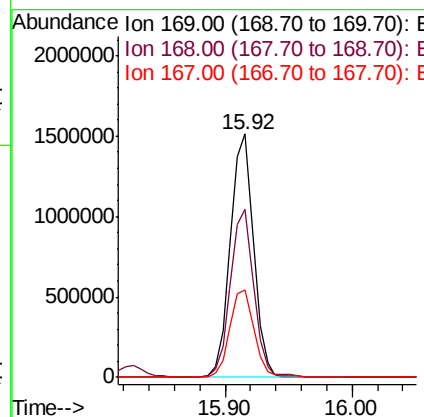
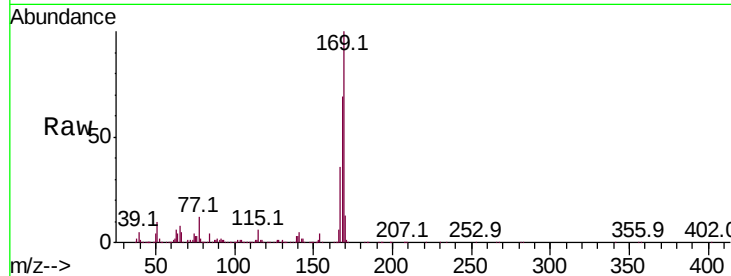
#65  
 n-Nitrosodiphenylamine  
 Concen: 41.536 ng  
 RT: 15.92 min Scan# 2147  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 69.1  | 53.9 | 80.9  |       |
| 167     | 36.1  | 28.9 | 43.3  |       |

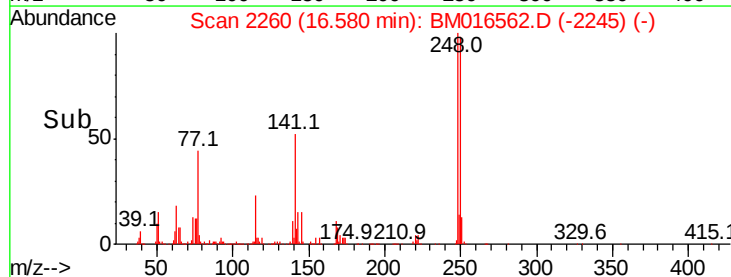
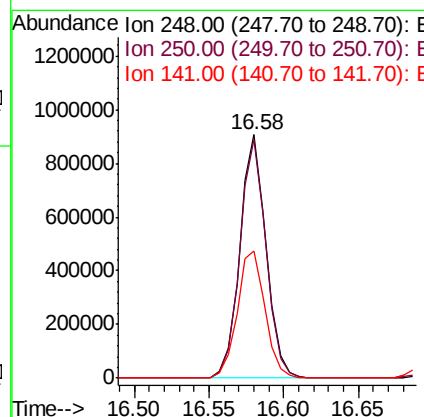
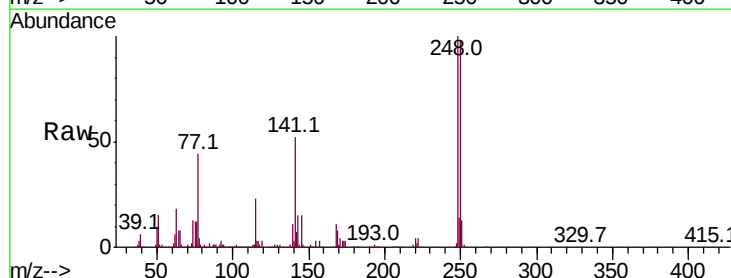
Manual Integrations  
 APPROVED

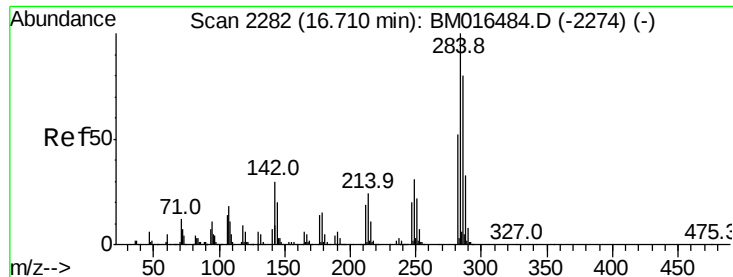
Sohil  
 8/24/2018 8:40:55 AM



#66  
 4-Bromophenyl-phenylether  
 Concen: 43.987 ng  
 RT: 16.58 min Scan# 2260  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 248     | 100   |      |       |       |
| 250     | 98.2  | 77.4 | 116.0 |       |
| 141     | 52.4  | 45.2 | 67.8  |       |





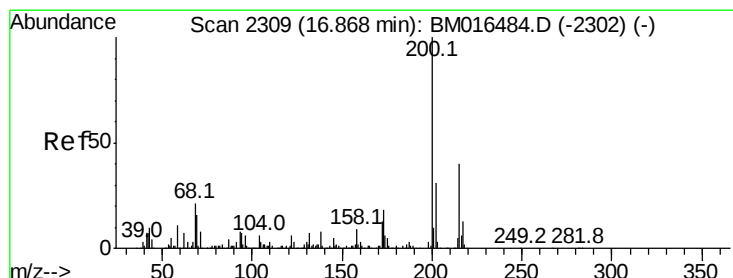
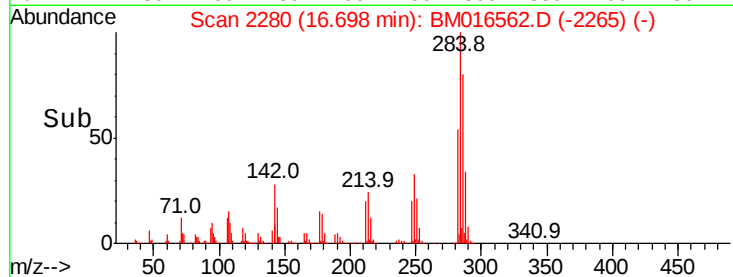
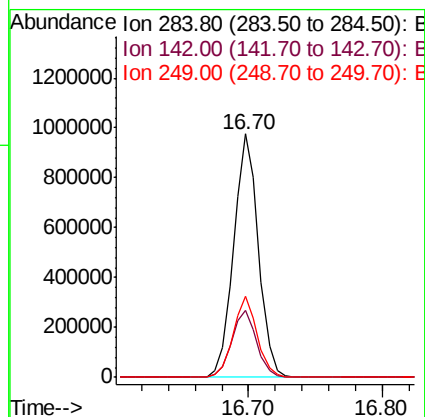
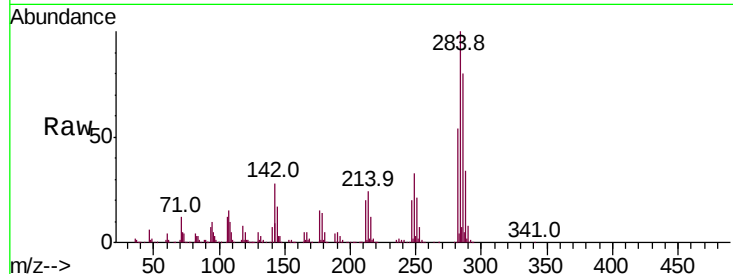
#67  
Hexachlorobenzene  
Concen: 42.879 ng  
RT: 16.70 min Scan# 2280  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.7  | 20.4  | 30.6  |
| 249     | 33.4  | 23.8  | 35.6  |

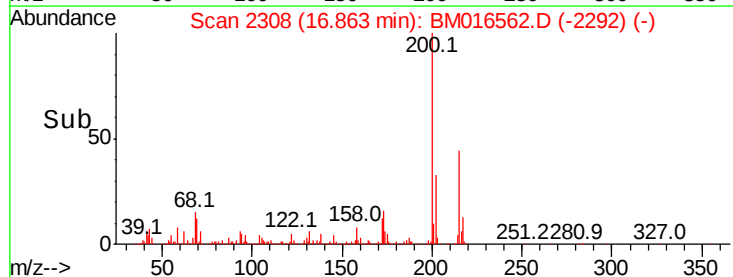
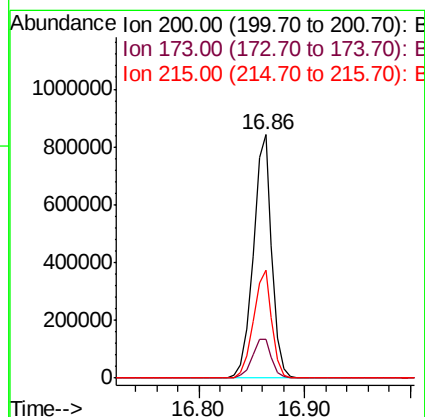
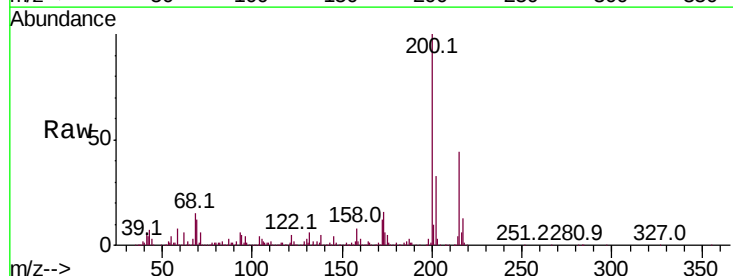
Manual Integrations  
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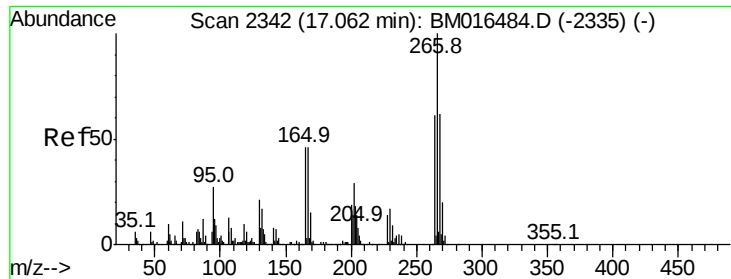
Sohil  
8/24/2018 8:40:55 AM



#68  
Atrazine  
Concen: 48.769 ng  
RT: 16.86 min Scan# 2308  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 15.9  | 4.8   | 44.8  |
| 215     | 44.1  | 26.9  | 66.9  |





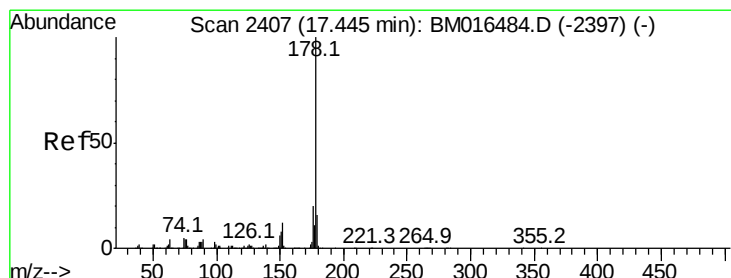
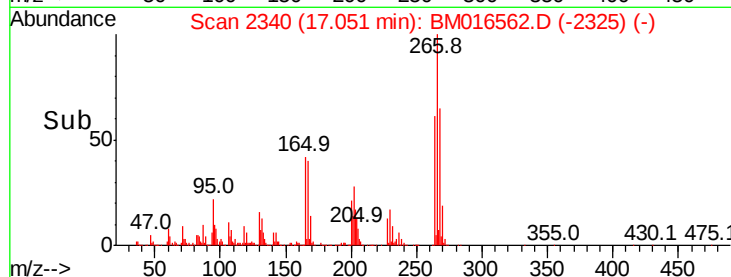
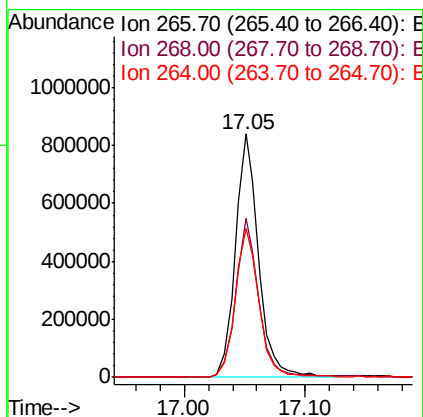
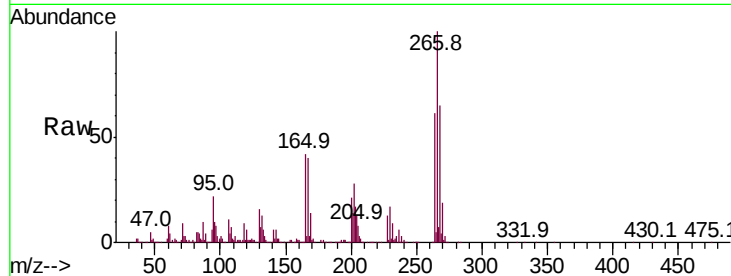
#69  
 Pentachlorophenol  
 Concen: 72.286 ng  
 RT: 17.05 min Scan# 2340  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.4  | 52.0  | 78.0  |
| 264     | 61.3  | 49.0  | 73.4  |

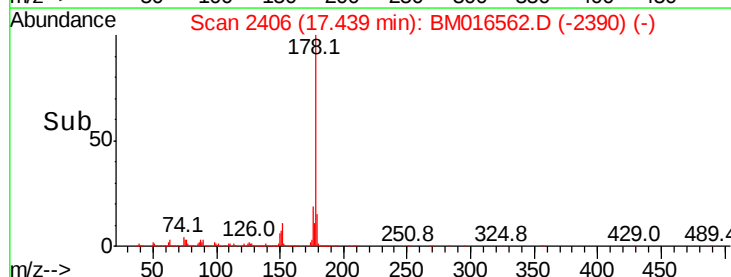
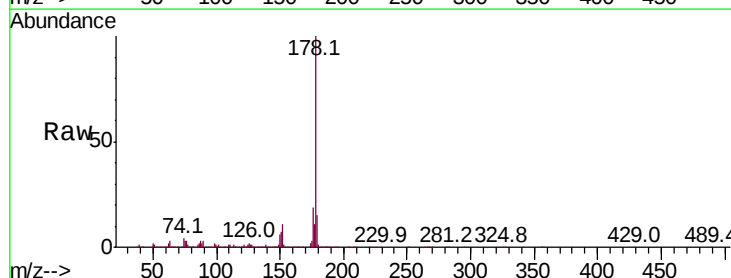
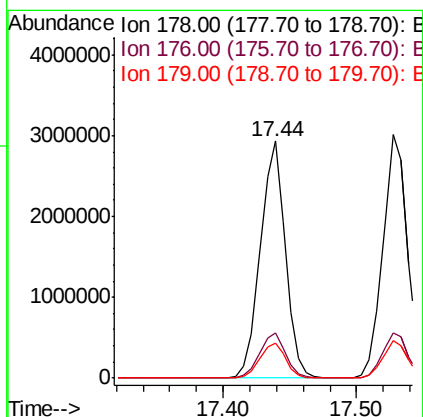
Manual Integrations  
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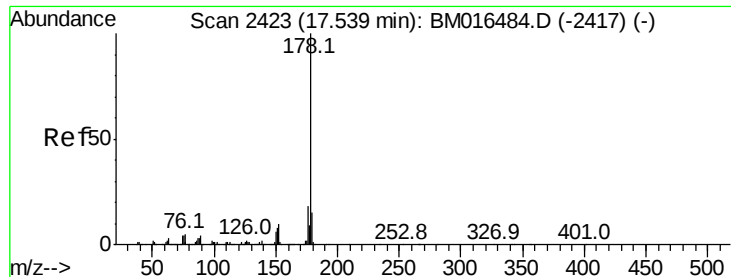
Sohil  
 8/24/2018 8:40:55 AM



#70  
 Phenanthrene  
 Concen: 44.530 ng  
 RT: 17.44 min Scan# 2406  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.2  | 22.8  |
| 179     | 15.0  | 12.1  | 18.1  |





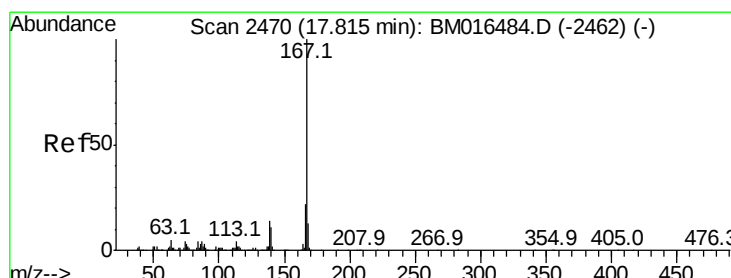
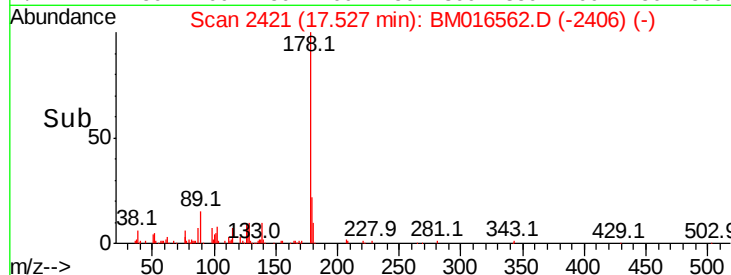
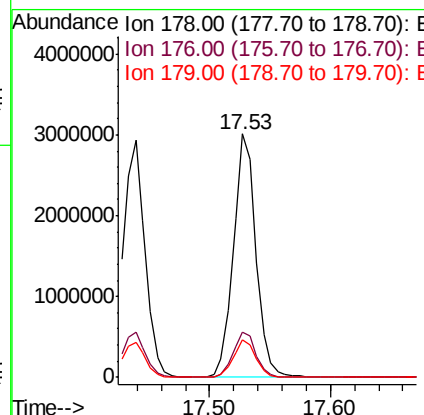
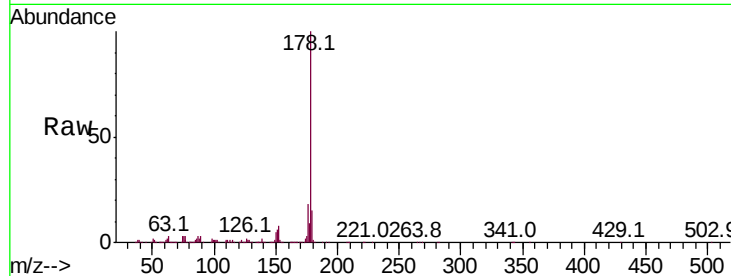
#71  
 Anthracene  
 Concen: 46.129 ng  
 RT: 17.53 min Scan# 2421  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 14.6  | 22.0  |
| 179     | 15.2  | 12.6  | 19.0  |

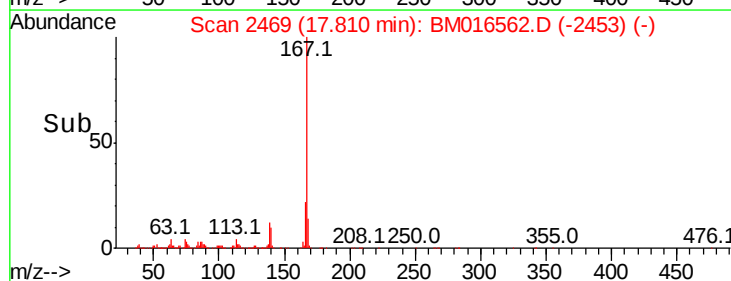
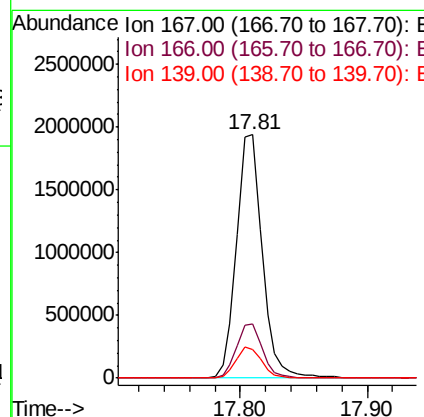
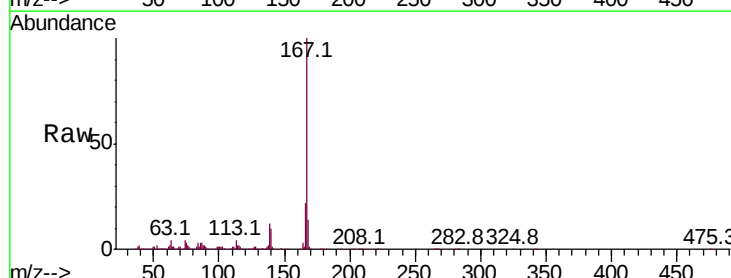
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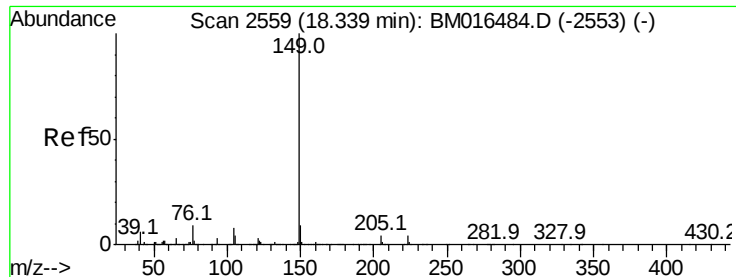
Sohil  
 8/24/2018 8:40:55 AM



#72  
 Carbazole  
 Concen: 36.164 ng  
 RT: 17.81 min Scan# 2469  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.2  | 25.8  |
| 139     | 11.9  | 10.8  | 16.2  |





#73

Di-n-butylphthalate

Concen: 36.920 ng

RT: 18.33 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Instrument :

BNA\_M

ClientSampleId :

PB112325BSD

Tot Ion:149 Resp: 3405760

Ion Ratio Lower Upper

149 100

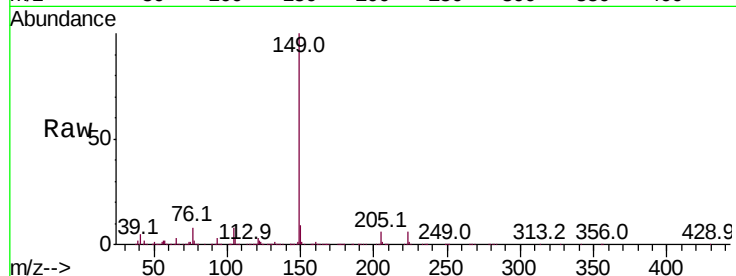
150 9.0 7.5 11.3

104 7.7 3.7 5.5#

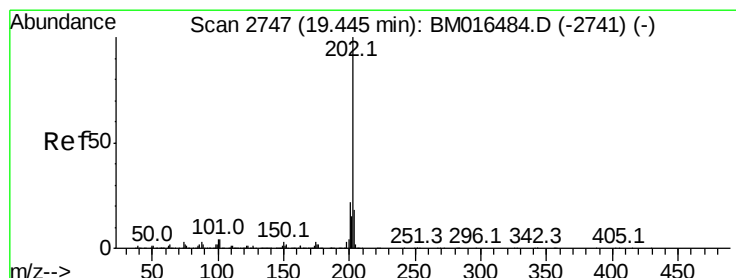
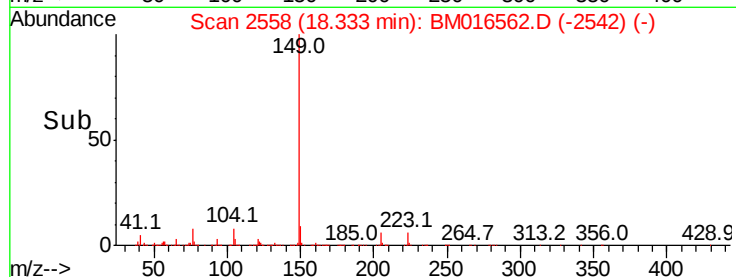
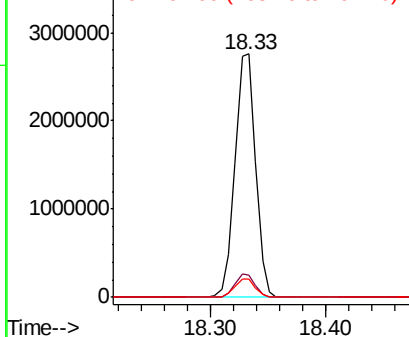
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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.415 ng

RT: 19.44 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

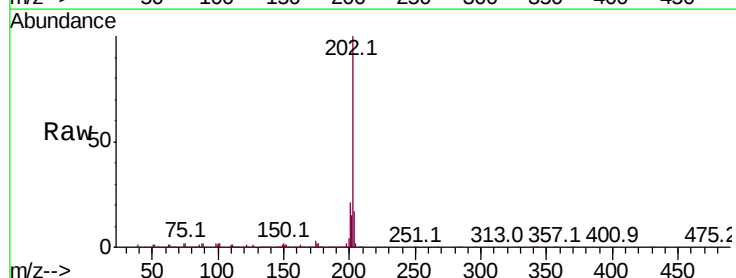
Tgt Ion:202 Resp: 5397429

Ion Ratio Lower Upper

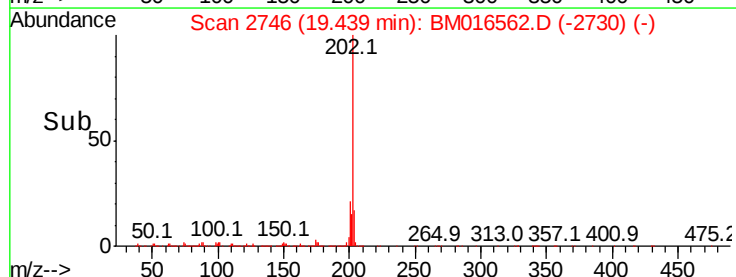
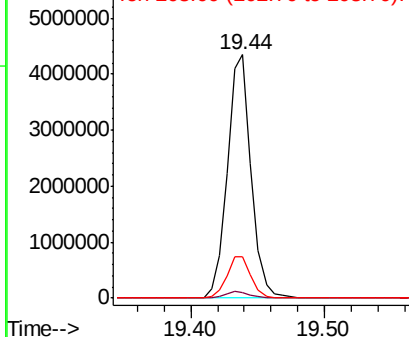
202 100

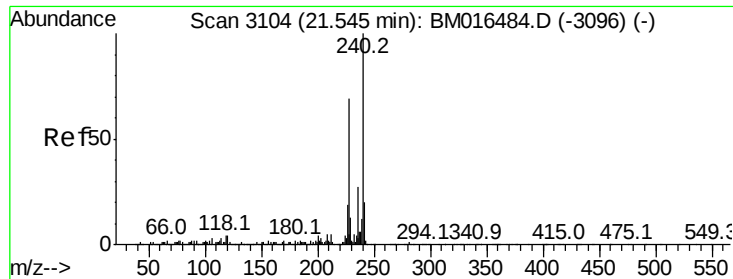
101 2.5 0.0 28.7

203 17.1 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Instrument :

BNA\_M

ClientSampleId :

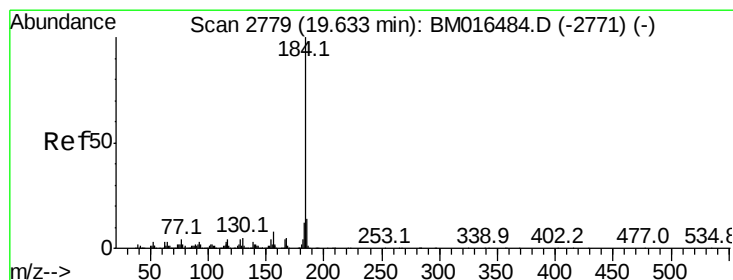
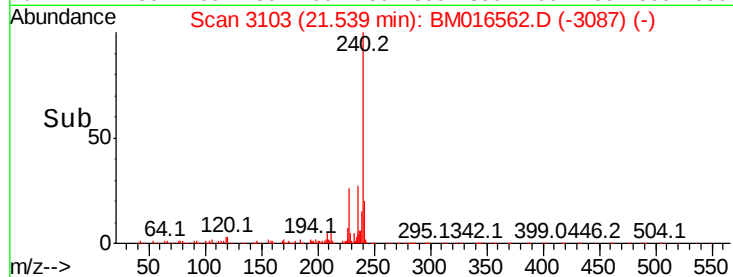
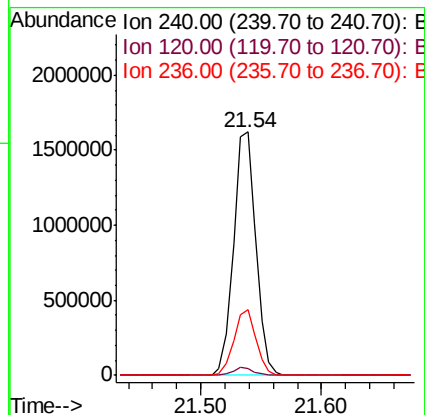
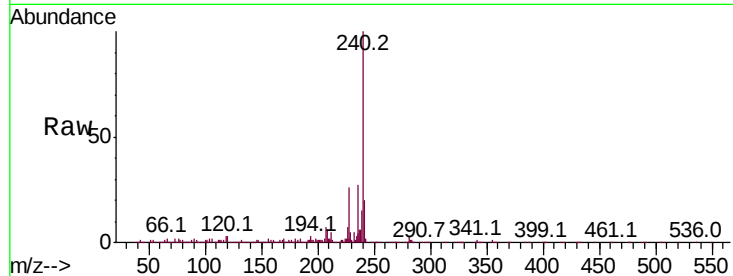
PB112325BSD

Tot Ion:240 Resp: 2089927

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 2.7   | 8.2   | 12.2# |
| 236 | 27.0  | 20.0  | 30.0  |

Manual Integrations  
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#76

Benzidine

Concen: 34.462 ng

RT: 19.63 min Scan# 2778

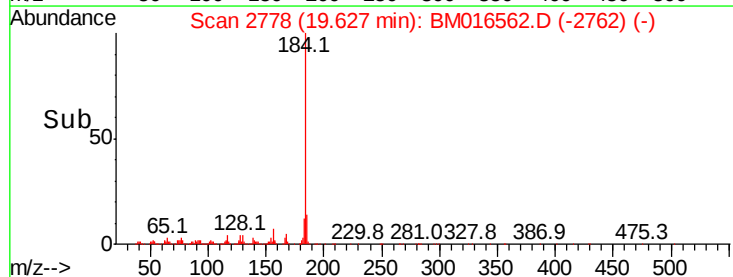
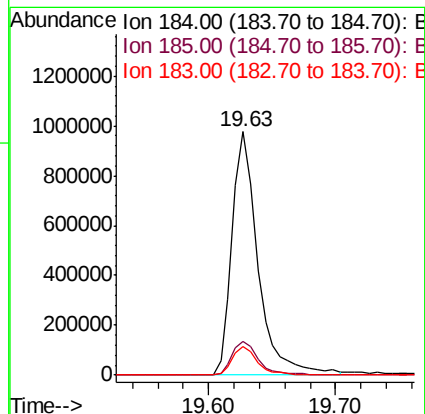
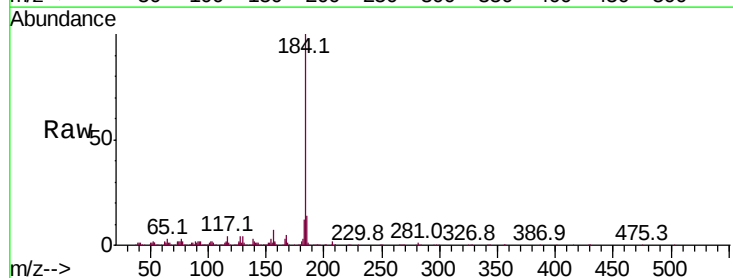
Delta R.T. -0.01 min

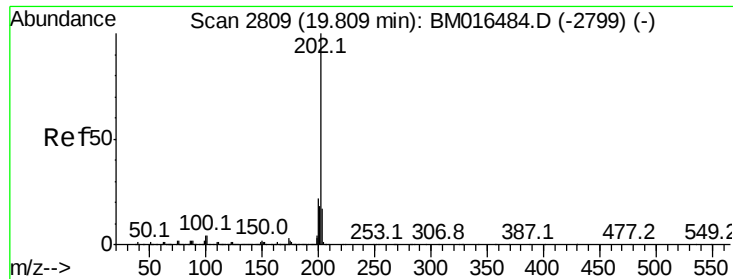
Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Tgt Ion:184 Resp: 1385067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 13.8  | 11.3  | 16.9  |
| 183 | 11.7  | 8.9   | 13.3  |





#77

Pvrene

Concen: 47.836 ng

RT: 19.80 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

Instrument :

BNA\_M

ClientSampleId :

PB112325BSD

Tot Ion:202 Resp: 5433163

Ion Ratio Lower Upper

202 100

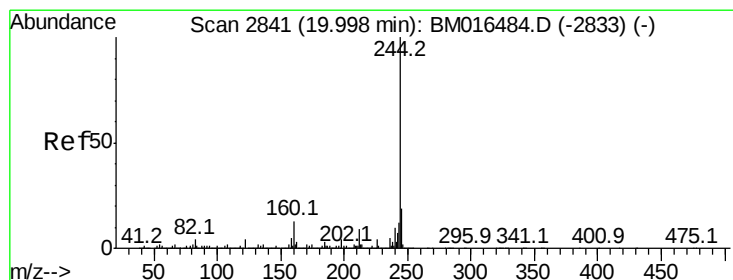
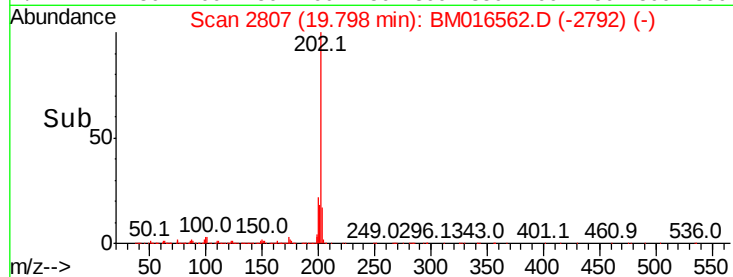
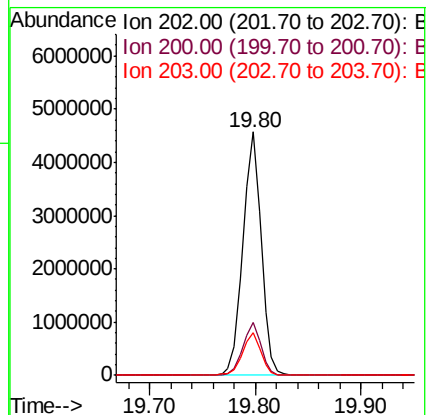
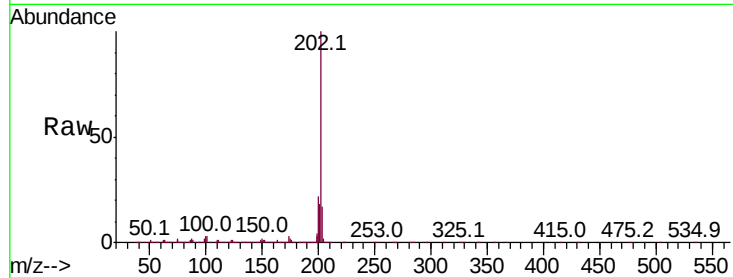
200 21.7 16.9 25.3

203 17.4 14.1 21.1

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#78

Terphenyl-d14

Concen: 100.470 ng

RT: 19.99 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

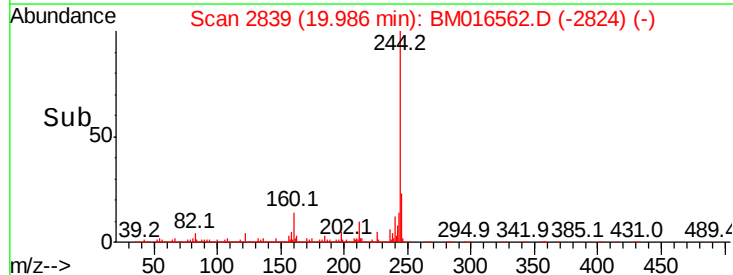
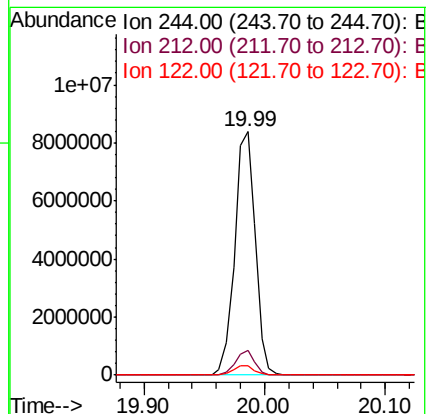
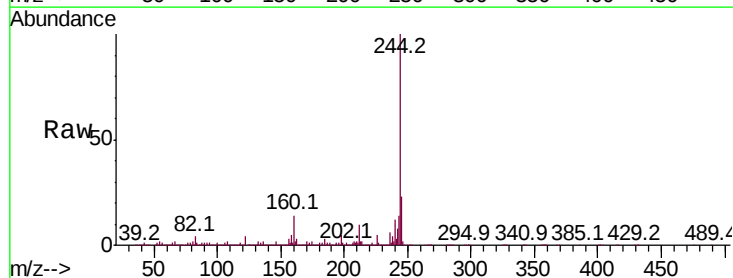
Tgt Ion:244 Resp: 9920544

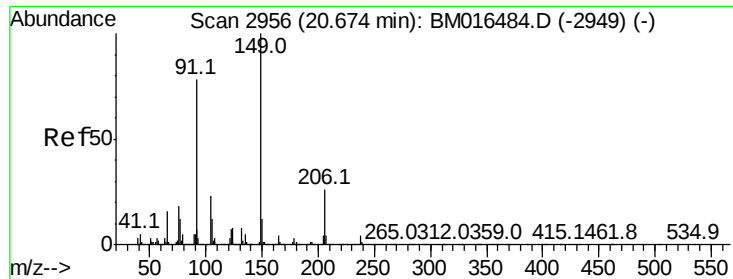
Ion Ratio Lower Upper

244 100

212 10.2 4.9 7.3#

122 4.0 6.2 9.4#





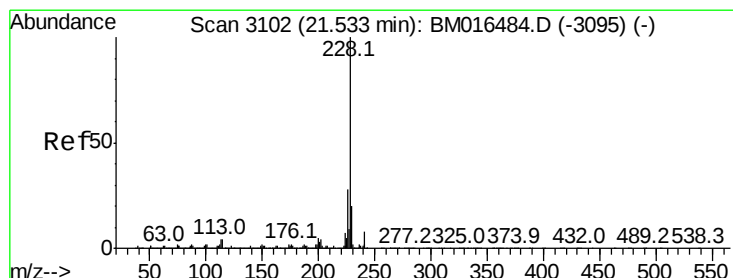
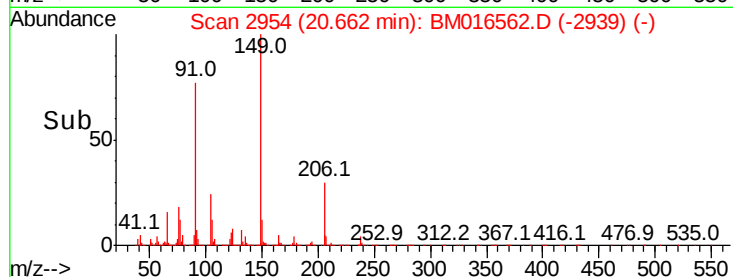
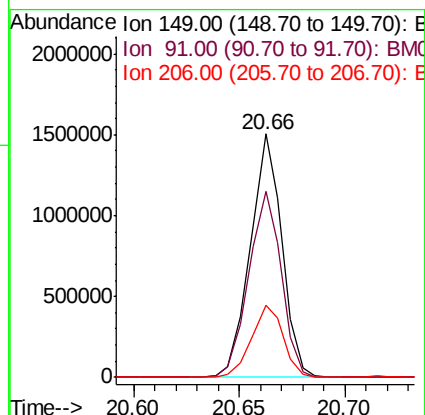
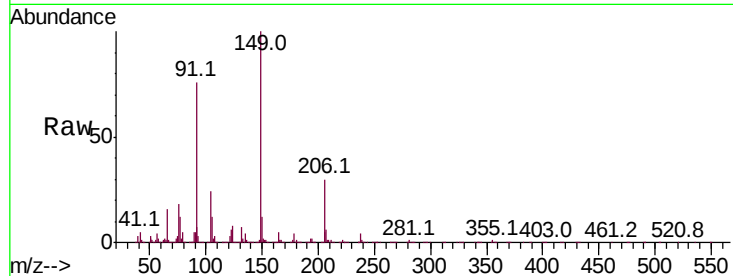
#79  
Butylbenzylphthalate  
Concen: 39.742 ng  
RT: 20.66 min Scan# 2954  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.5  | 50.1  | 75.1# |
| 206     | 29.7  | 16.2  | 24.2# |

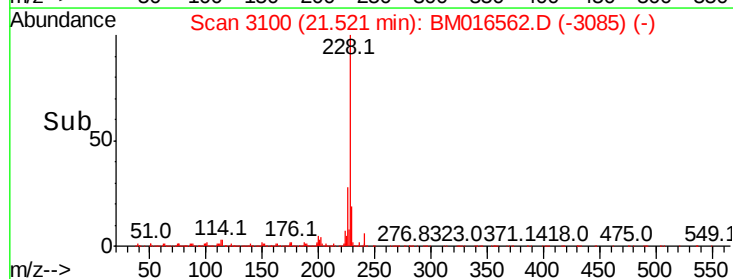
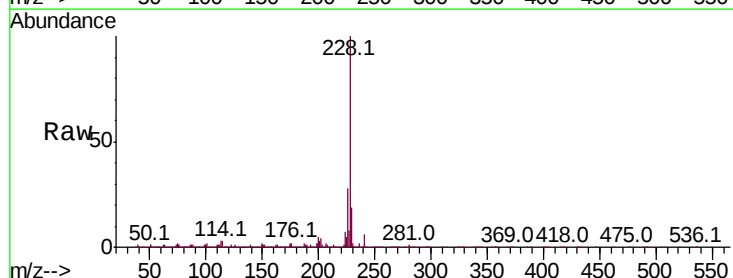
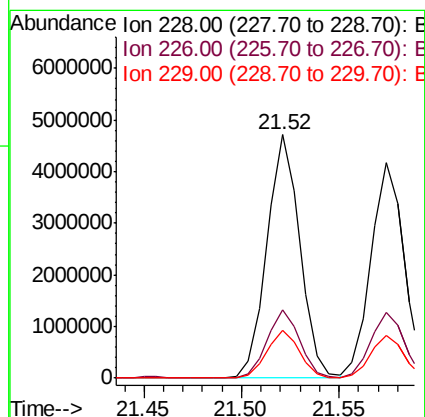
Manual Integrations  
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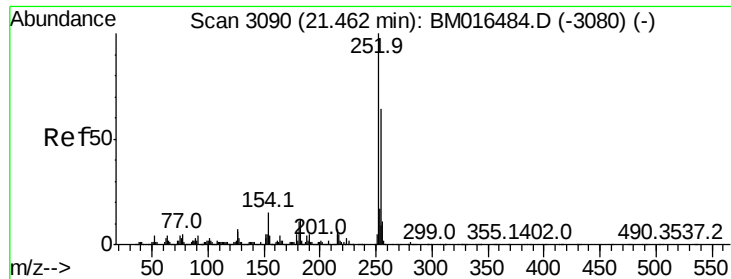
Sohil  
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#80  
Benzo(a)anthracene  
Concen: 44.766 ng  
RT: 21.52 min Scan# 3100  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.2  | 21.7  | 32.5  |
| 229     | 19.5  | 16.0  | 24.0  |





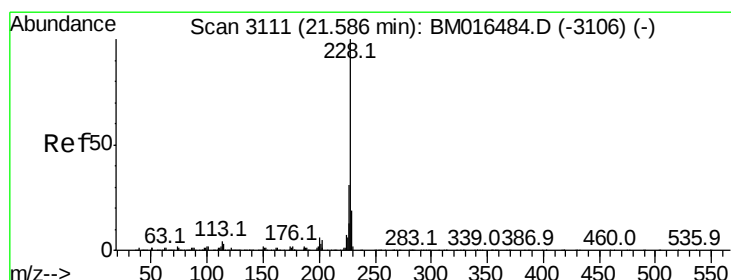
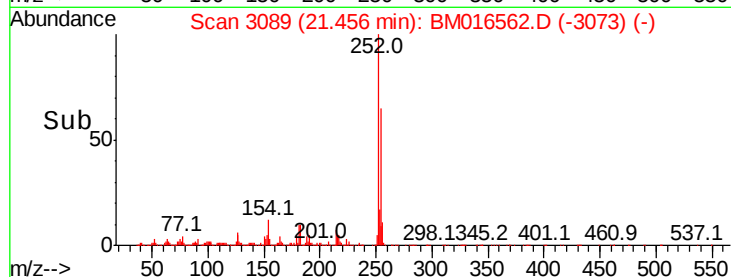
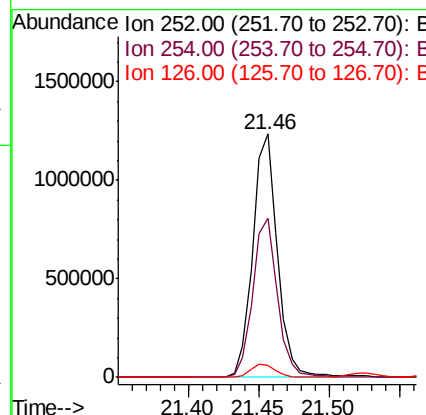
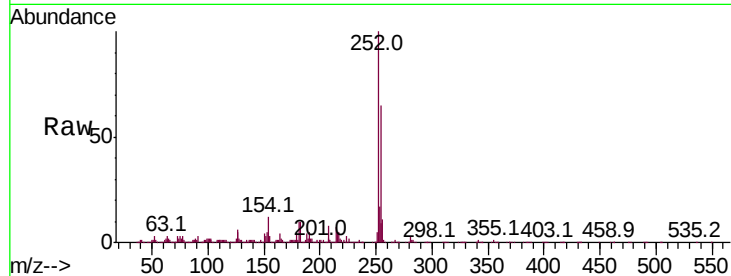
#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.731 ng  
 RT: 21.46 min Scan# 3089  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.1  | 51.9  | 77.9  |
| 126     | 4.8   | 9.8   | 14.8  |

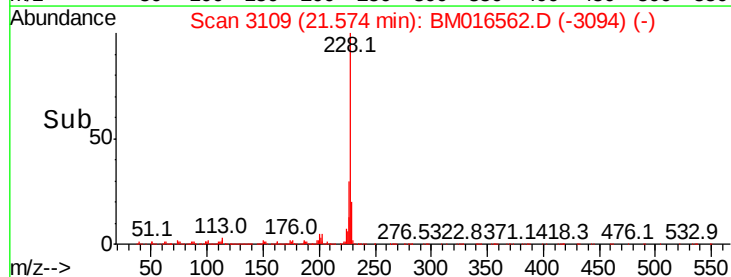
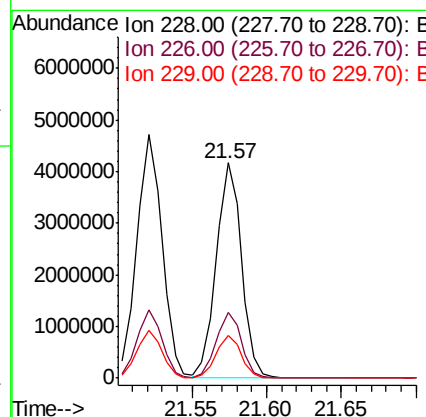
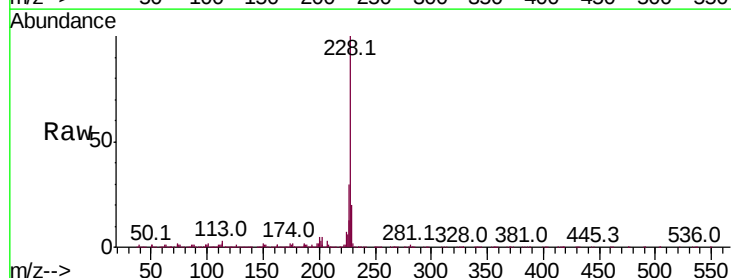
Manual Integrations  
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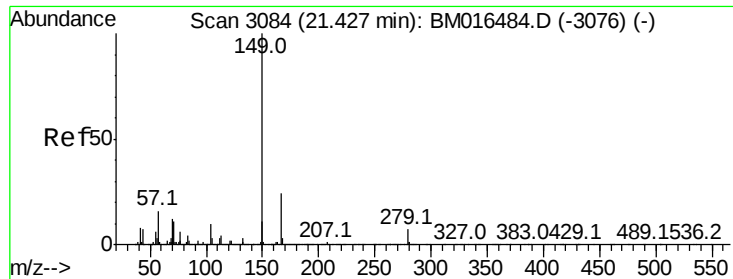
Sohil  
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#82  
 Chrysene  
 Concen: 41.939 ng  
 RT: 21.57 min Scan# 3109  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 24.1  | 36.1  |
| 229     | 19.7  | 15.5  | 23.3  |





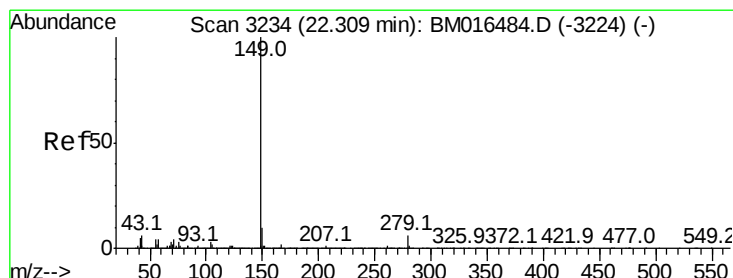
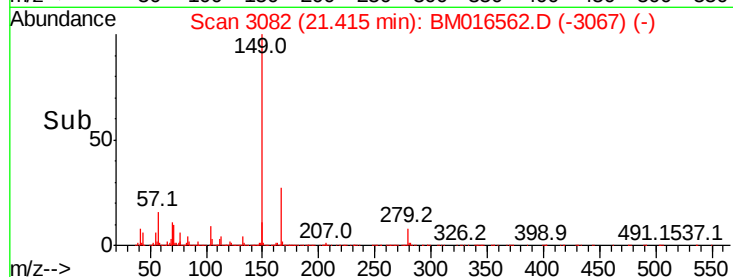
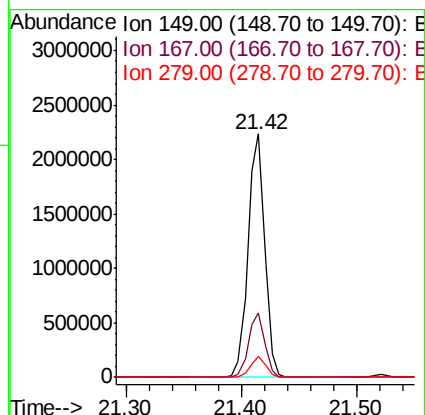
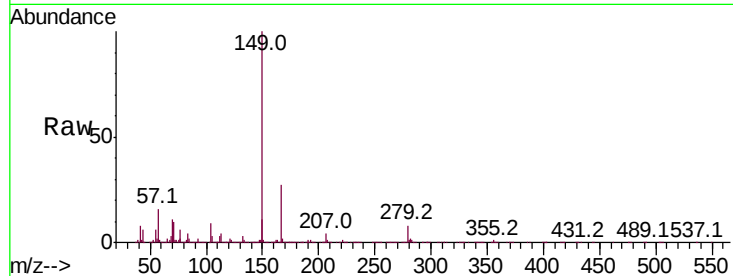
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.211 ng  
 RT: 21.42 min Scan# 3082  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

Tot Ion:149 Resp: 2227028  
 Ion Ratio Lower Upper  
 149 100  
 167 26.6 22.4 33.6  
 279 8.4 3.4 5.0#

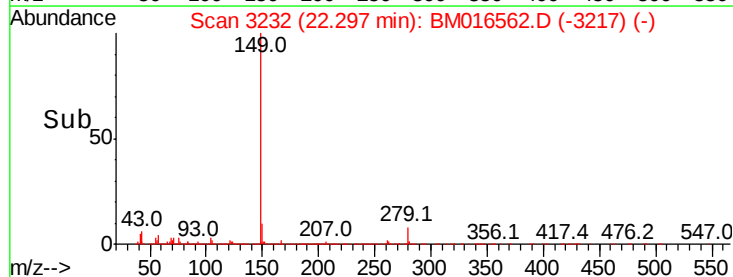
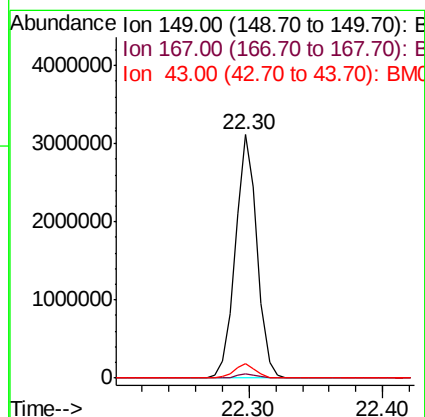
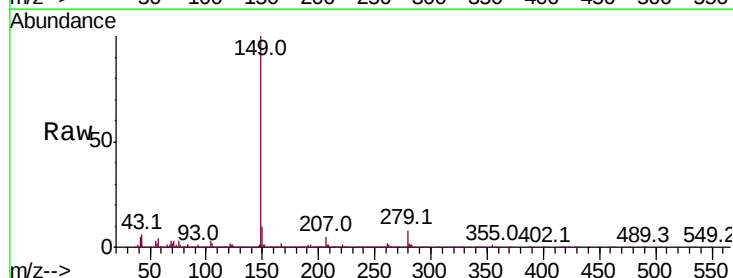
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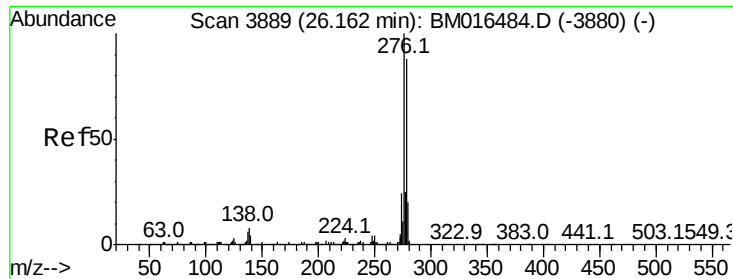
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#84  
 Di-n-octyl phthalate  
 Concen: 36.199 ng  
 RT: 22.30 min Scan# 3232  
 Delta R.T. -0.01 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Tgt Ion:149 Resp: 3506003  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.2 1.8#  
 43 5.9 7.3 10.9#





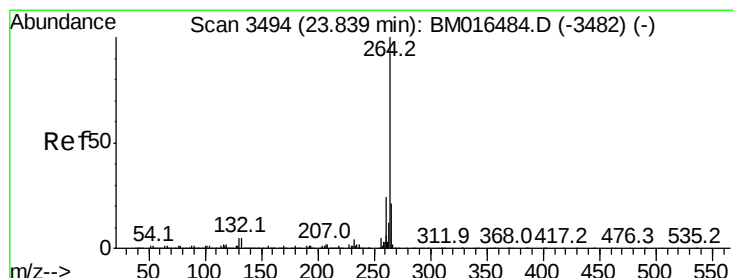
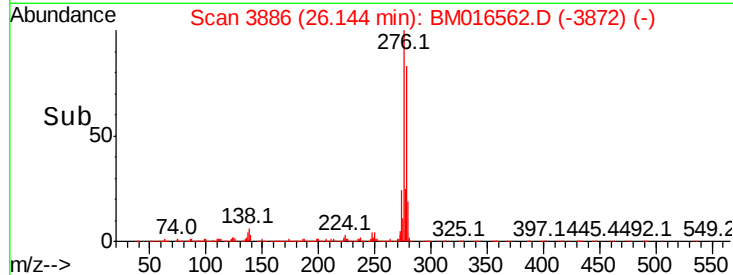
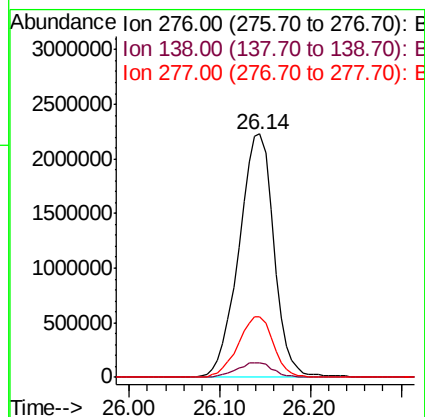
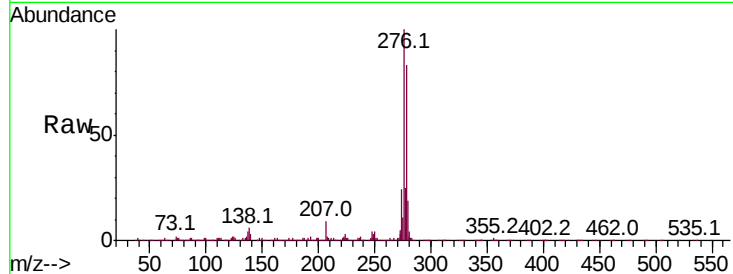
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 35.436 ng  
 RT: 26.14 min Scan# 3886  
 Delta R.T. -0.02 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 6.4   | 12.0  | 18.0# |
| 277     | 25.2  | 20.0  | 30.0  |

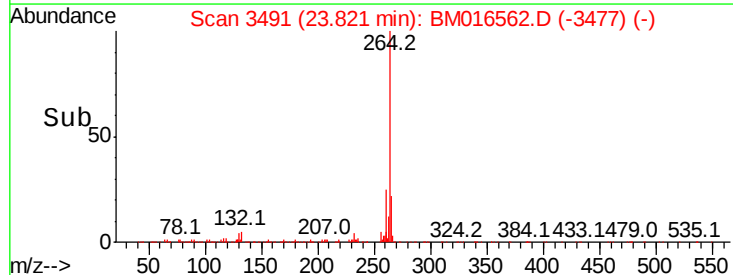
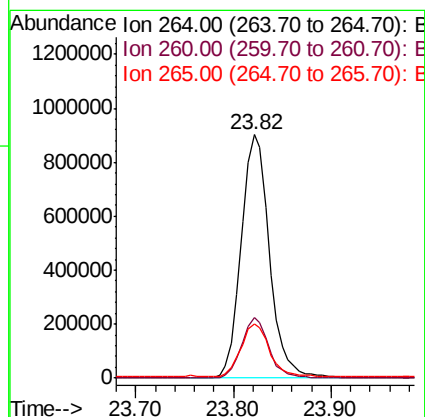
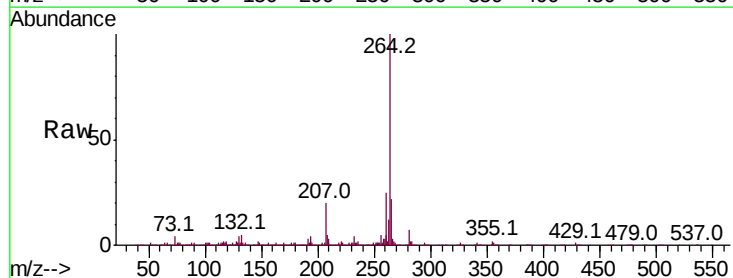
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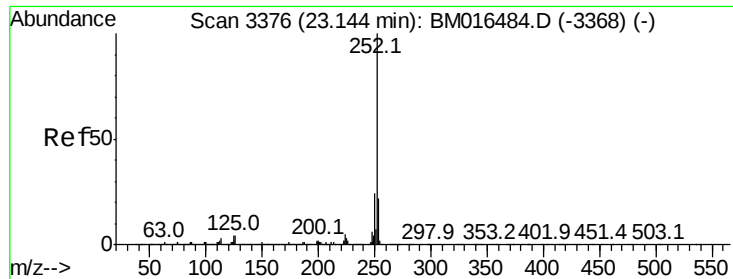
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.82 min Scan# 3491  
 Delta R.T. -0.02 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.0  | 18.6  | 27.8  |
| 265     | 22.3  | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 52.802 ng

RT: 23.13 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

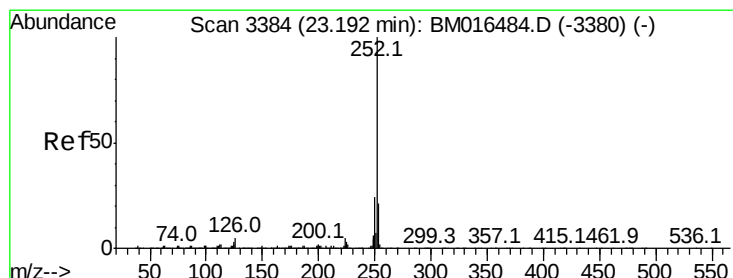
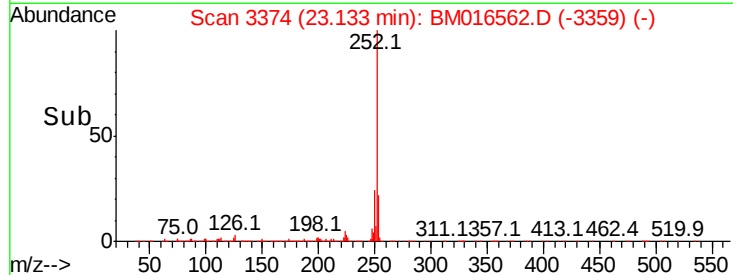
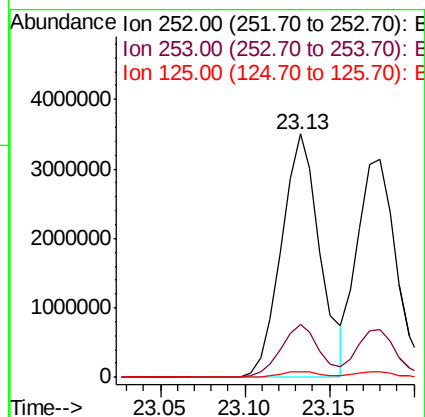
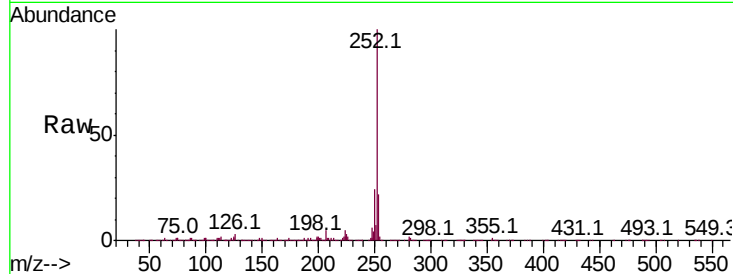
Instrument :  
BNA\_M

ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.0  | 27.0  |
| 125     | 2.5   | 9.9   | 14.9  |

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#88

Benzo(k)fluoranthene

Concen: 47.368 ng

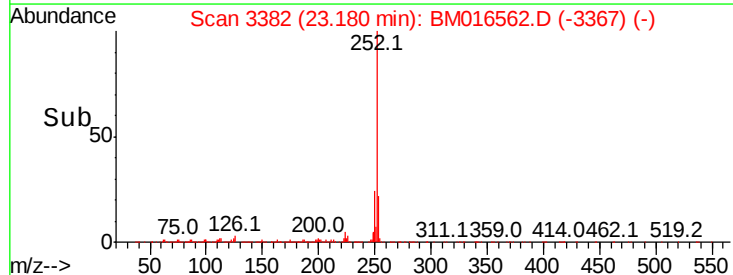
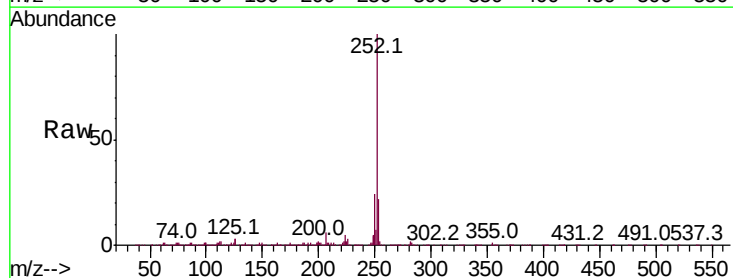
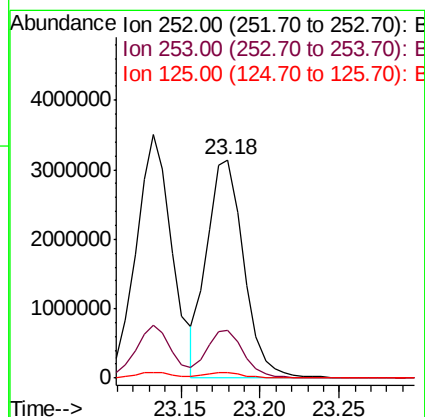
RT: 23.18 min Scan# 3382

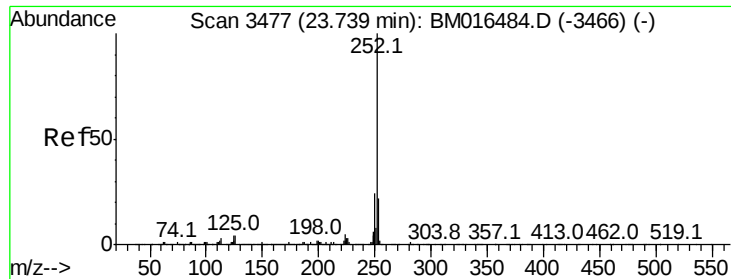
Delta R.T. -0.01 min

Lab File: BM016562.D

Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.2  | 25.8  |
| 125     | 2.5   | 8.1   | 12.1  |





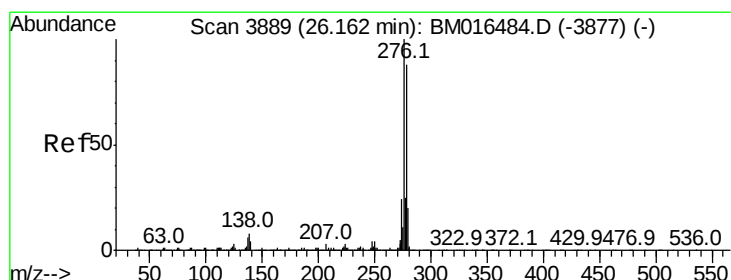
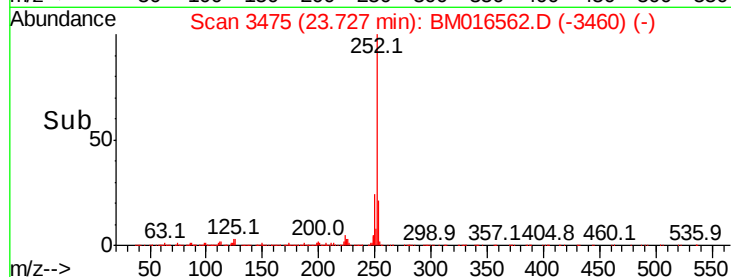
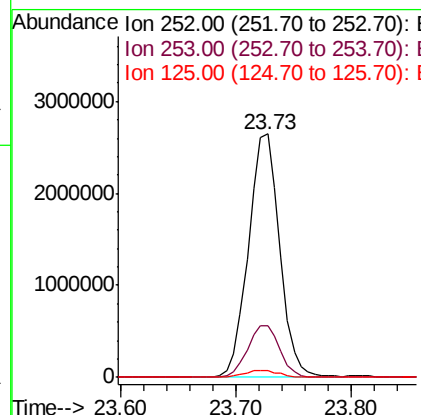
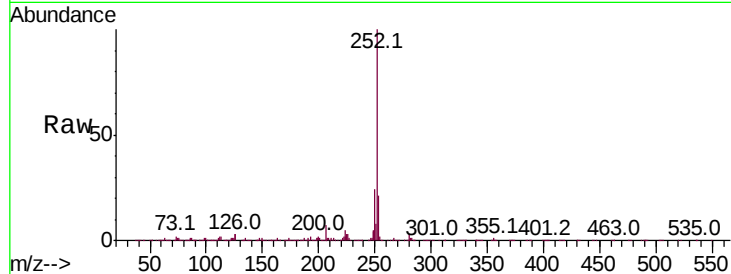
#89  
Benzo(a)pyrene  
Concen: 48.506 ng  
RT: 23.73 min Scan# 3475  
Delta R.T. -0.01 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

Instrument :  
BNA\_M  
ClientSampleId :  
PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.6  | 26.4  |
| 125     | 2.8   | 7.4   | 11.2  |

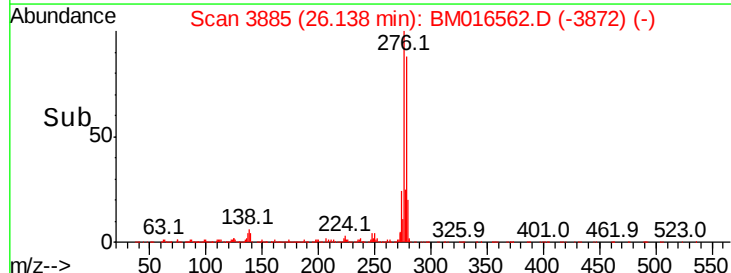
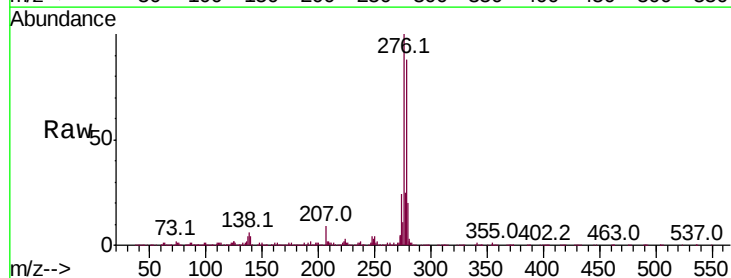
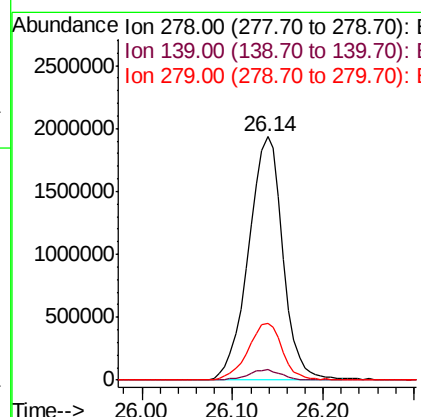
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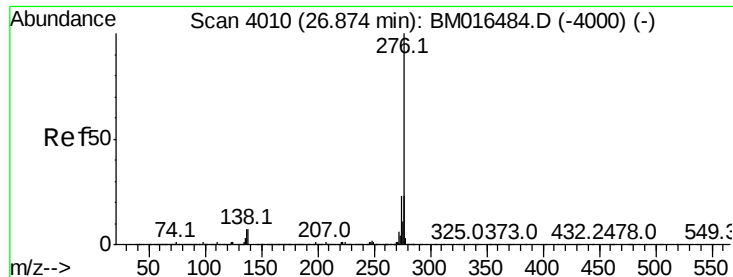
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#90  
Dibenzo(a,h)anthracene  
Concen: 44.137 ng  
RT: 26.14 min Scan# 3885  
Delta R.T. -0.02 min  
Lab File: BM016562.D  
Acq: 23 Aug 2018 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 4.1   | 13.4  | 20.0  |
| 279     | 23.3  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 43.526 ng  
 RT: 26.85 min Scan# 4006  
 Delta R.T. -0.02 min  
 Lab File: BM016562.D  
 Acq: 23 Aug 2018 21:22

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB112325BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.3  | 18.5  | 27.7  |
| 138     | 6.3   | 19.0  | 28.6  |

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