

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\  
 Data File : BM016557.D  
 Acq On : 23 Aug 2018 15:41  
 Operator : SJ/JU  
 Sample : J4276-04MSD  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

Manual Integrations  
 APPROVED

Sohil  
 8/23/2018 6:39:31 PM

Quant Time: Aug 23 16:22:30 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  | 150899   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.82 | 136  | 532381   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.66 | 164  | 416859   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.40 | 188  | 1263593  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.54 | 240  | 1679653  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.83 | 264  | 1595428  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |          |        |    |       |
|--------------------------|-------|-----|----------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 1036469  | 134.60 | ng | 0.00  |
| 7) Phenol-d6             | 7.19  | 99  | 1177737  | 115.58 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 1268326  | 108.78 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.15 | 330 | 2197474  | 188.58 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 13.27 | 172 | 5128593  | 118.26 | ng | 0.00  |
| 78) Terphenyl-d14        | 19.99 | 244 | 10547223 | 132.91 | ng | -0.01 |

## Target Compounds

|                                |       |     |         |         |    | Qvalue |
|--------------------------------|-------|-----|---------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.39  | 88  | 157922  | 37.121  | ng | # 100  |
| 3) Pyridine                    | 3.84  | 79  | 218247  | 24.657  | ng | # 78   |
| 4) n-Nitrosodimethylamine      | 3.74  | 42  | 173334  | 43.957  | ng | # 76   |
| 6) Aniline                     | 7.36  | 93  | 130150  | 11.414  | ng | # 84   |
| 8) 2-Chlorophenol              | 7.57  | 128 | 420694  | 45.912  | ng | 97     |
| 9) Benzaldehyde                | 7.17  | 77  | 205097m | 29.002  | ng |        |
| 10) Phenol                     | 7.22  | 94  | 365250  | 36.245  | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 310729  | 41.119  | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 493653  | 40.635  | ng | # 91   |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146 | 505493  | 40.545  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 494324  | 40.358  | ng | 97     |
| 15) Benzyl Alcohol             | 8.27  | 79  | 358564  | 37.892  | ng | # 79   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 201160  | 38.660  | ng | # 51   |
| 17) 2-Methylphenol             | 8.47  | 107 | 303689  | 41.616  | ng | # 74   |
| 18) Hexachloroethane           | 9.07  | 117 | 245619  | 42.764  | ng | # 42   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 335557  | 42.001  | ng | # 83   |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 411790  | 40.812  | ng | # 82   |
| 22) Acetophenone               | 8.86  | 105 | 647671  | 50.521  | ng | 96     |
| 24) Nitrobenzene               | 9.25  | 77  | 567013  | 48.670  | ng | 92     |
| 25) Isophorone                 | 9.76  | 82  | 901633  | 57.858  | ng | # 94   |
| 26) 2-Nitrophenol              | 9.95  | 139 | 248161m | 49.827  | ng |        |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 358961  | 55.305  | ng | # 66   |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 485024  | 52.139  | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 573774m | 59.067  | ng |        |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 874090  | 59.301  | ng | # 95   |
| 31) Naphthalene                | 10.87 | 128 | 1327502 | 52.336  | ng | 98     |
| 32) Benzoic acid               | 10.23 | 122 | 196532  | 36.190  | ng | # 68   |
| 33) 4-Chloroaniline            | 11.03 | 127 | 74767   | 7.004   | ng | # 92   |
| 34) Hexachlorobutadiene        | 11.12 | 225 | 829701  | 58.975  | ng | 97     |
| 35) Caprolactam                | 11.83 | 113 | 77326m  | 33.174  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 462749  | 49.552  | ng | 90     |
| 37) 2-Methylnaphthalene        | 12.47 | 142 | 1154491 | 58.140  | ng | # 88   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 1333229 | 56.629  | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.79 | 237 | 1560378 | 121.566 | ng | 98     |

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 Sample : J4276-04MSD  
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 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

Manual Integrations  
 APPROVED

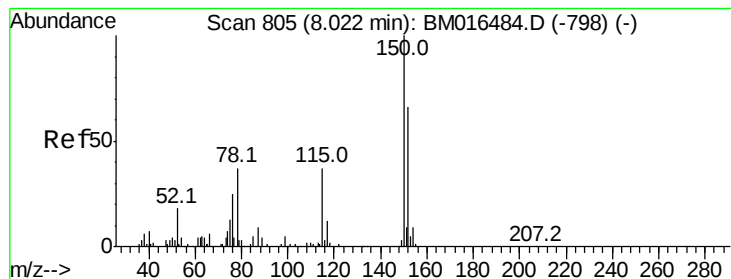
Sohil  
 8/23/2018 6:39:31 PM

Quant Time: Aug 23 16:22:30 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  | 803099   | 57.044 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 854147m  | 62.110 | nq    |          |
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 1733826  | 47.434 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 1439273  | 48.467 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.77 | 65   | 337527   | 42.672 | nq    | 85       |
| 48) Acenaphthylene             | 14.38 | 152  | 2139434  | 51.038 | nq    | 99       |
| 49) Dimethylphthalate          | 14.12 | 163  | 2055239  | 51.318 | nq    | # 97     |
| 50) 2,6-Dinitrotoluene         | 14.26 | 165  | 415144   | 53.145 | nq    | # 90     |
| 51) Acenaphthene               | 14.72 | 154  | 1265768  | 49.151 | nq    | 96       |
| 52) 3-Nitroaniline             | 14.60 | 138  | 106861   | 15.035 | nq    | # 75     |
| 53) 2,4-Dinitrophenol          | 14.83 | 184  | 216024   | 55.261 | nq    | # 69     |
| 54) Dibenzofuran               | 15.06 | 168  | 2655608  | 53.868 | nq    | 96       |
| 55) 4-Nitrophenol              | 14.92 | 139  | 342886   | 75.636 | nq    | # 79     |
| 56) 2,4-Dinitrotoluene         | 15.06 | 165  | 672621   | 51.638 | nq    | # 94     |
| 57) Fluorene                   | 15.70 | 166  | 2154875  | 57.862 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 787230   | 59.559 | nq    | # 100    |
| 59) Diethylphthalate           | 15.47 | 149  | 1953396  | 46.779 | nq    | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.69 | 204  | 1706856  | 54.652 | nq    | # 87     |
| 61) 4-Nitroaniline             | 15.77 | 138  | 242870   | 34.963 | nq    | # 1      |
| 62) Azobenzene                 | 15.99 | 77   | 2079934  | 46.764 | nq    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 283174   | 29.494 | nq    | # 57     |
| 65) n-Nitrosodiphenylamine     | 15.92 | 169  | 1805901  | 50.802 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.58 | 248  | 1065898  | 54.899 | nq    | 98       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 1216247  | 53.716 | nq    | 95       |
| 68) Atrazine                   | 16.86 | 200  | 991545   | 61.120 | nq    | 93       |
| 69) Pentachlorophenol          | 17.05 | 266  | 957493   | 79.924 | nq    | 96       |
| 70) Phenanthrene               | 17.44 | 178  | 3658772  | 56.022 | nq    | 99       |
| 71) Anthracene                 | 17.53 | 178  | 3762405  | 58.015 | nq    | 99       |
| 72) Carbazole                  | 17.81 | 167  | 2655248  | 45.559 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 3297508  | 46.409 | nq    | # 96     |
| 74) Fluoranthene               | 19.44 | 202  | 5246783  | 54.792 | nq    | 94       |
| 76) Benzdine                   | 19.63 | 184  | 992409   | 30.723 | nq    | 99       |
| 77) Pyrene                     | 19.80 | 202  | 5335952  | 58.455 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.67 | 149  | 1499422  | 47.588 | nq    | # 83     |
| 80) Benzo(a)anthracene         | 21.53 | 228  | 5376548  | 54.446 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.46 | 252  | 953235   | 21.686 | nq    | # 96     |
| 82) Chrysene                   | 21.58 | 228  | 4965655  | 52.703 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.42 | 149  | 2135608  | 45.593 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 22.31 | 149  | 3460351  | 44.454 | nq    | # 92     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.16 | 276  | 6203019  | 45.779 | nq    | # 92     |
| 87) Benzo(b)fluoranthene       | 23.14 | 252  | 5449048  | 59.249 | nq    | # 90     |
| 88) Benzo(k)fluoranthene       | 23.19 | 252  | 5299795  | 56.636 | nq    | # 93     |
| 89) Benzo(a)pyrene             | 23.73 | 252  | 5091351  | 56.895 | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 26.15 | 278  | 5234815  | 52.197 | nq    | # 88     |
| 91) Benzo(g,h,i)perylene       | 26.86 | 276  | 4669982  | 51.875 | nq    | # 80     |

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





#1

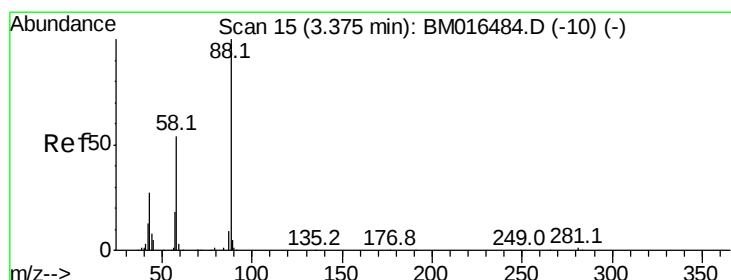
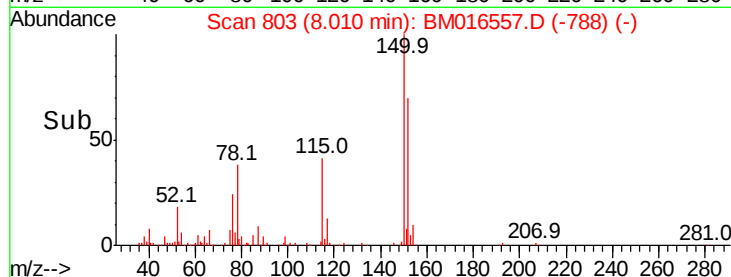
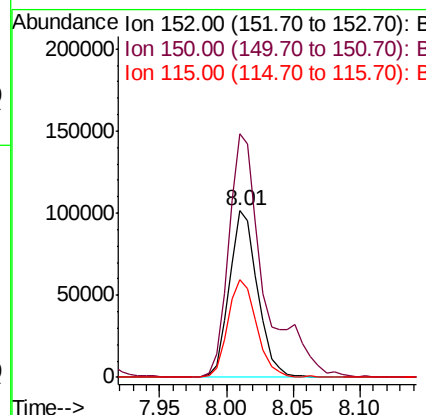
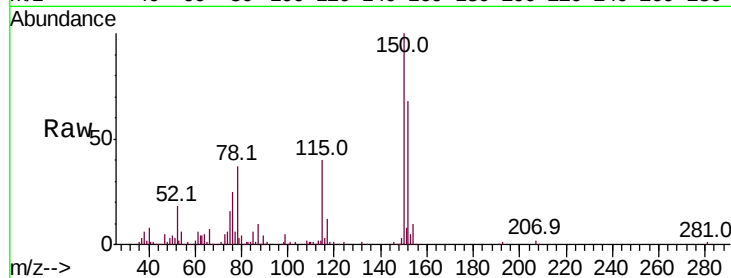
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 146.0 | 119.5 | 179.3 |
| 115     | 58.8  | 43.0  | 64.4  |

Manual Integrations  
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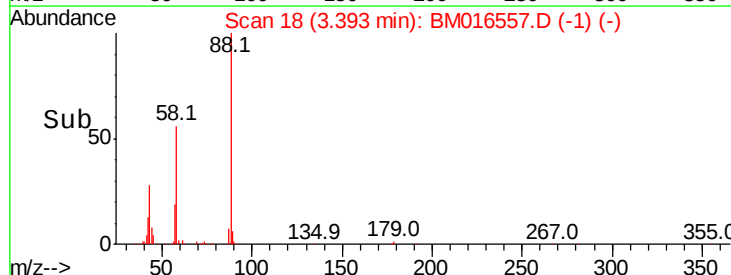
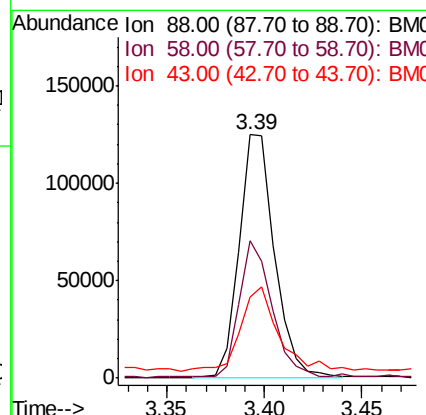
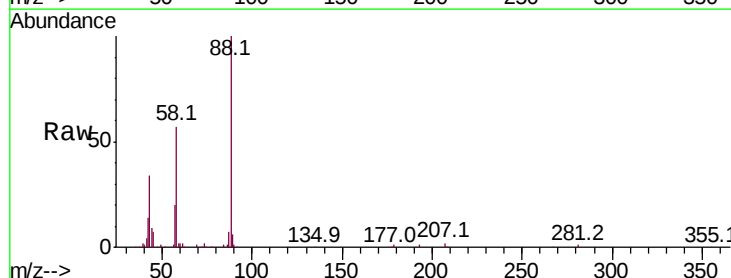
Sohil  
8/23/2018 6:39:31 PM

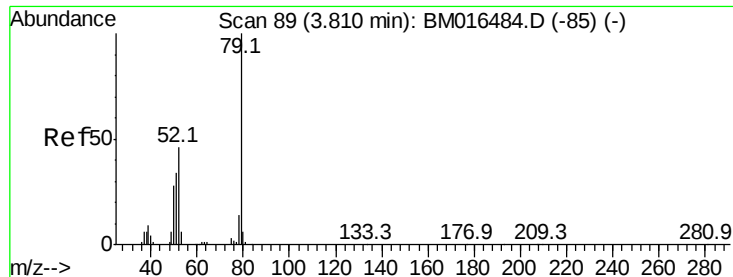


#2

1,4-Dioxane  
Concen: 37.121 ng  
RT: 3.39 min Scan# 18  
Delta R.T. 0.02 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 51.0  | 0.0   | 0.0#  |
| 43      | 36.7  | 0.0   | 0.0#  |





#3

Pvridine

Concen: 24.657 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.03 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

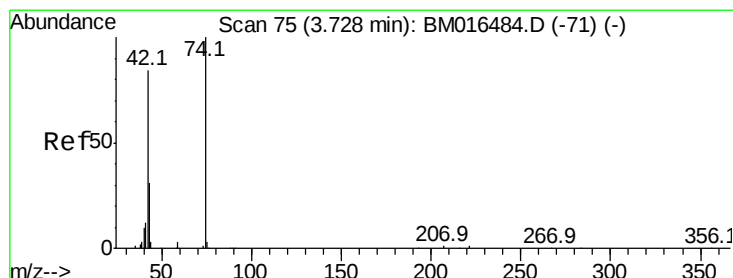
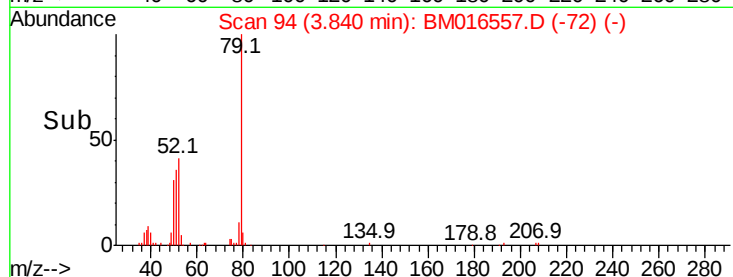
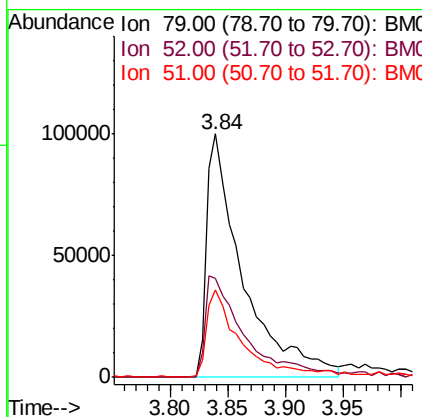
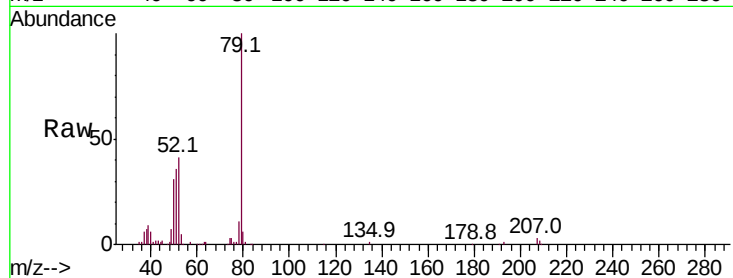
ClientSampleId :

OK-01-082118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 218247 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 40.7  | 51.1  | 76.7#  |
| 51        | 36.0  | 26.1  | 39.1   |

Manual Integrations  
APPROVED

Sohil  
8/23/2018 6:39:31 PM



#4

n-Nitrosodimethylamine

Concen: 43.957 ng

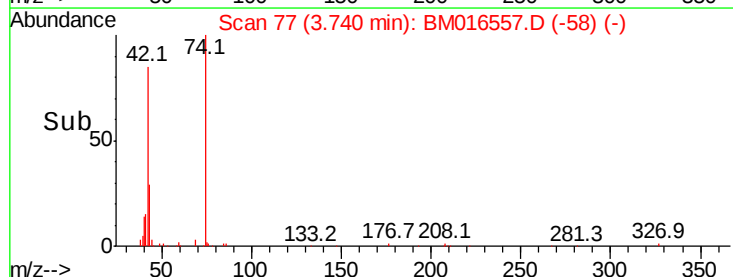
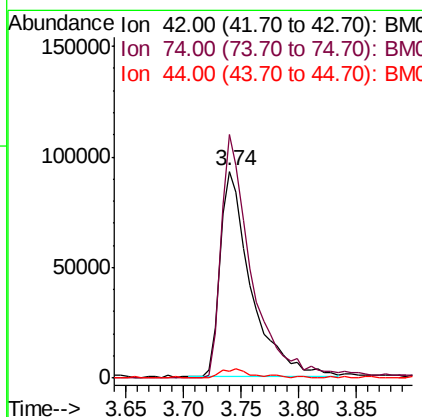
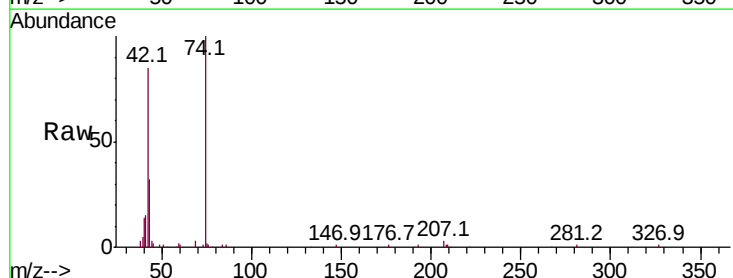
RT: 3.74 min Scan# 77

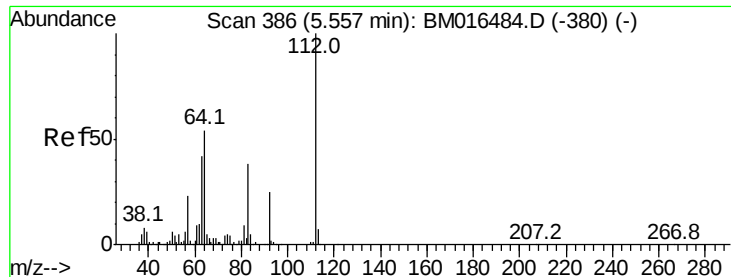
Delta R.T. 0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 173334 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 117.5 | 119.3 | 178.9# |
| 44        | 3.2   | 5.4   | 8.2#   |





#5

2-Fluorophenol

Concen: 134.597 ng

RT: 5.56 min Scan# 387

Delta R.T. 0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

OK-01-082118MSD

Tot Ion: 112 Resp: 1036469

Ion Ratio Lower Upper

112 100

64 53.1 38.6 57.8

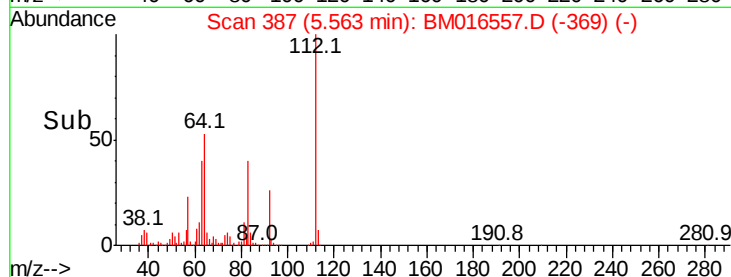
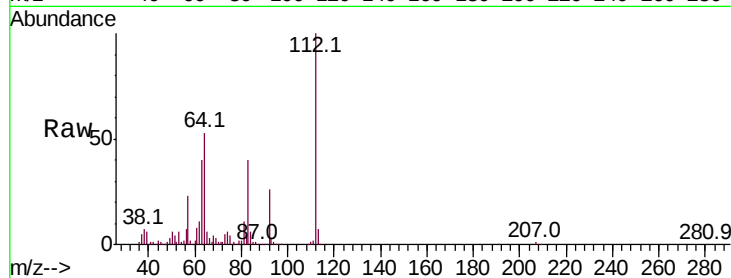
63 39.7 19.3 28.9#

Manual Integrations

APPROVED

Sohil

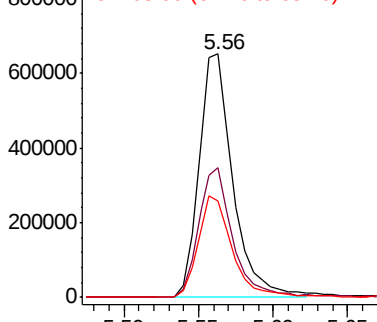
8/23/2018 6:39:31 PM



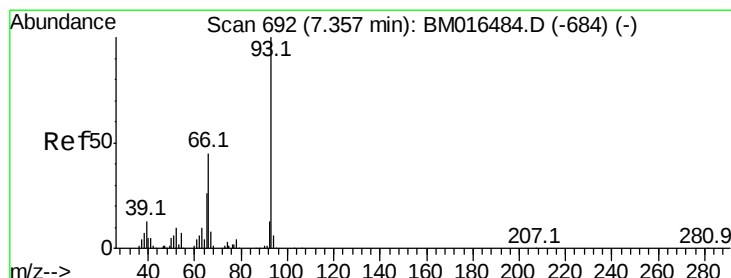
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



Time-->



#6

Aniline

Concen: 11.414 ng

RT: 7.36 min Scan# 692

Delta R.T. -0.00 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

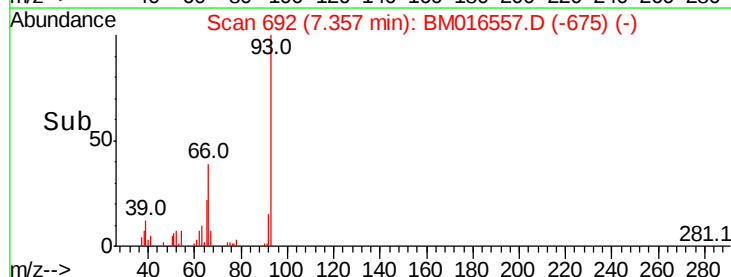
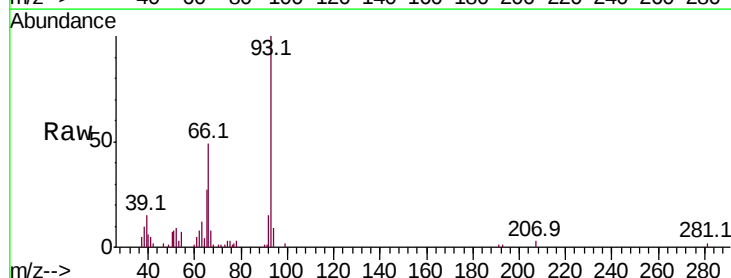
Tgt Ion: 93 Resp: 130150

Ion Ratio Lower Upper

93 100

66 48.7 30.8 46.2#

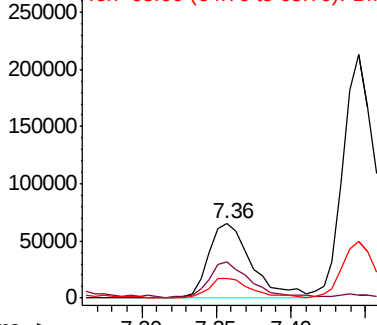
65 26.9 16.0 24.0#



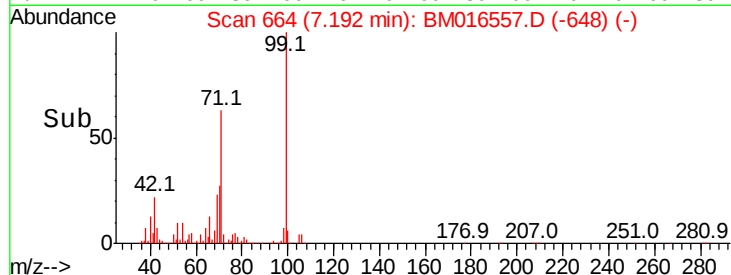
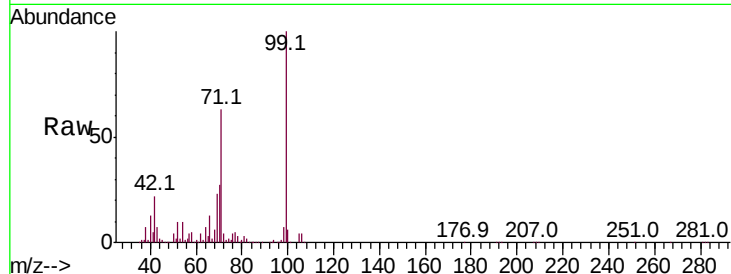
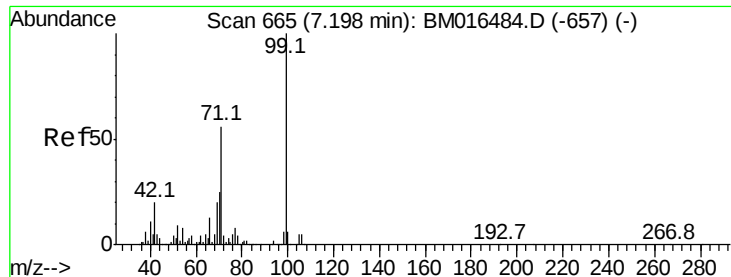
Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0



Time-->



#7

Phenol-d6

Concen: 115.578 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

OK-01-082118MSD

Tot Ion: 99 Resp: 1177737

Ion Ratio Lower Upper

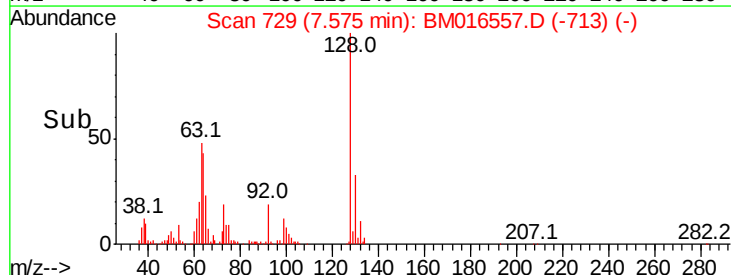
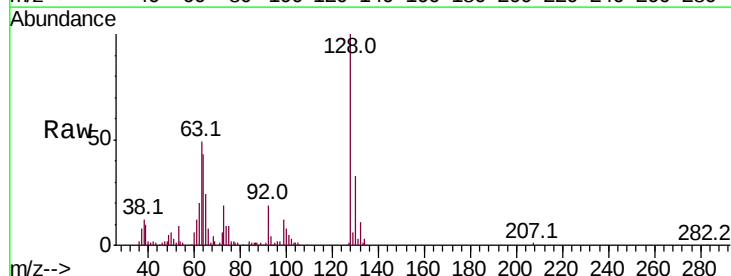
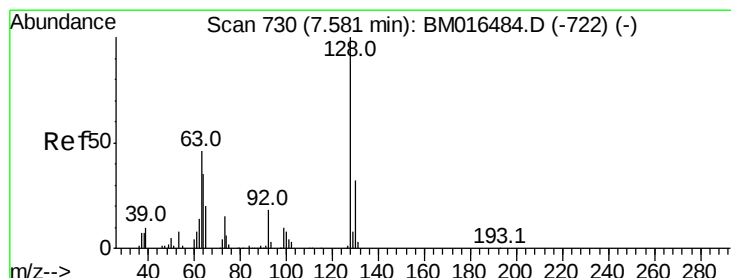
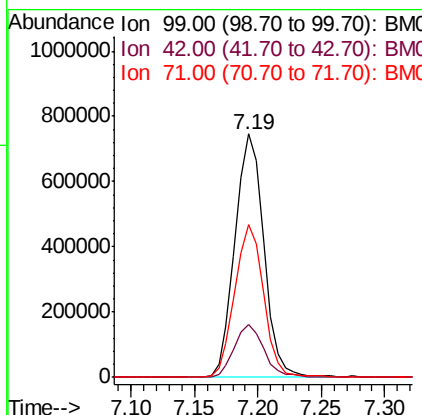
99 100

42 21.5 11.0 16.4#

71 62.6 23.4 35.2#

Manual Integrations  
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Sohil  
8/23/2018 6:39:31 PM



#8

2-Chlorophenol

Concen: 45.912 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

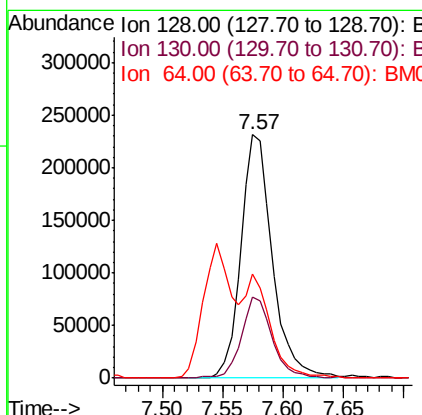
Tgt Ion: 128 Resp: 420694

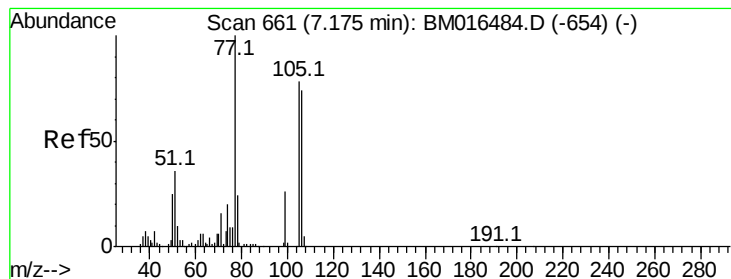
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 42.9 24.9 64.9





#9

Benzaldehyde

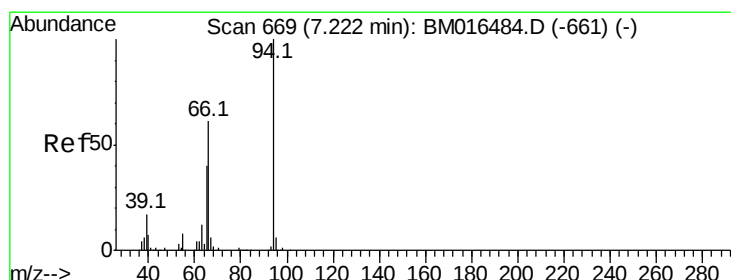
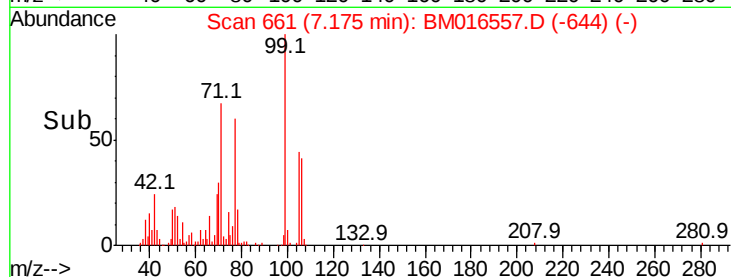
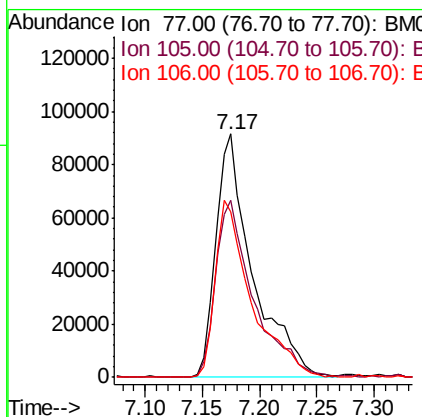
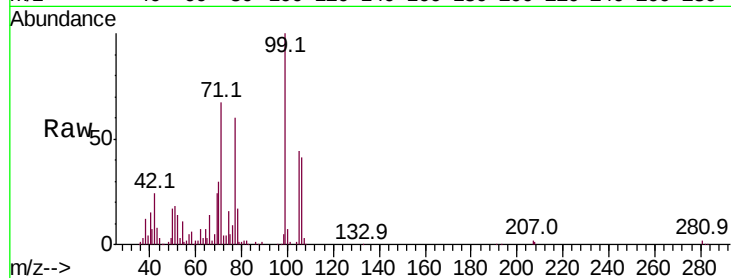
Concen: 29.002 ng/ml  
 RT: 7.17 min Scan# 661  
 Delta R.T. -0.00 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 77      | 100   |       |        |
| 105     | 72.8  | 78.8  | 118.8# |
| 106     | 67.9  | 73.7  | 113.7# |

Manual Integrations  
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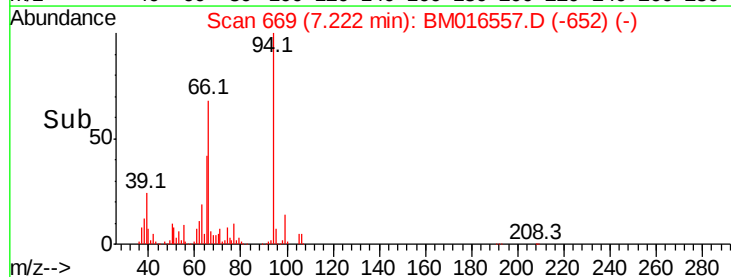
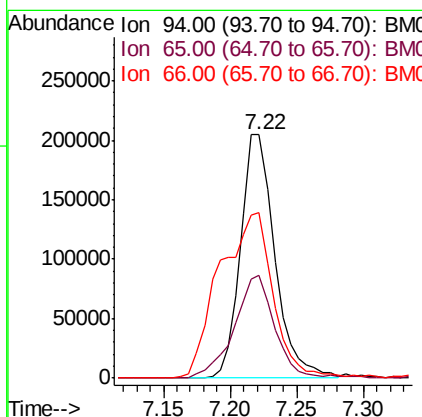
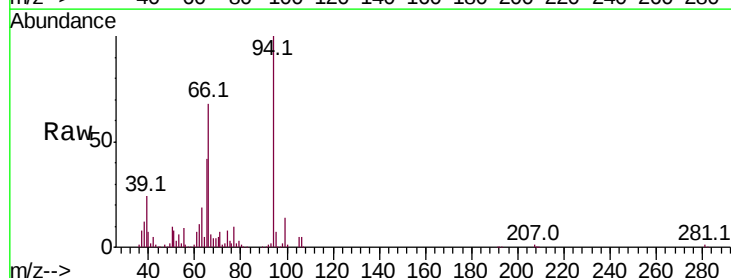


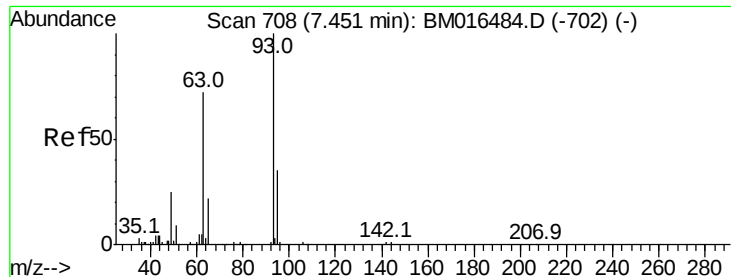
#10

Phenol

Concen: 36.245 ng/ml  
 RT: 7.22 min Scan# 669  
 Delta R.T. -0.00 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 42.2  | 18.8  | 58.8  |
| 66      | 67.8  | 39.9  | 79.9  |





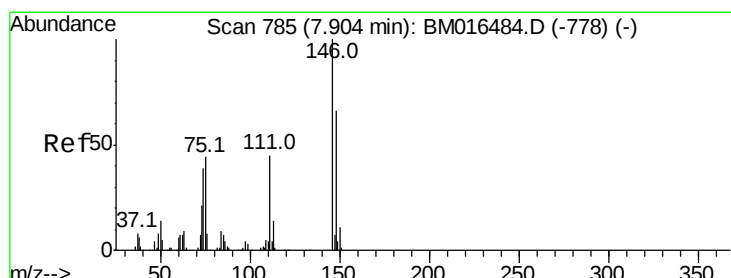
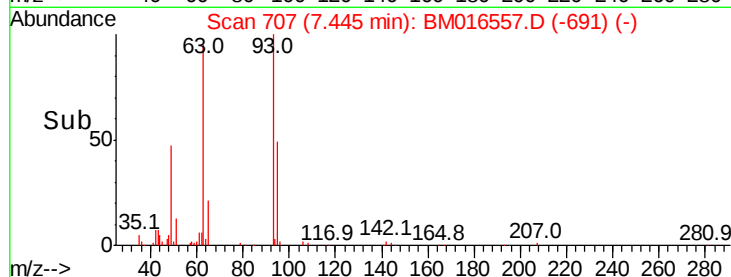
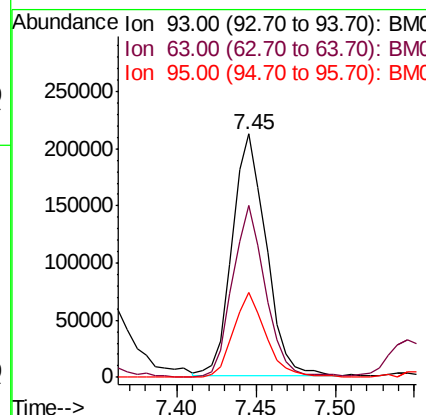
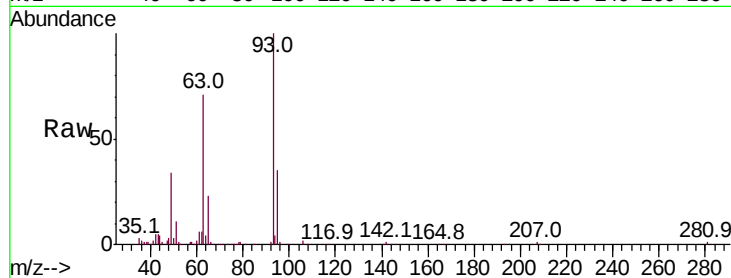
#11  
bis(2-Chloroethyl)ether  
Concen: 41.119 ng  
RT: 7.45 min Scan# 707  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 70.7  | 49.5  | 89.5  |
| 95      | 34.7  | 13.5  | 53.5  |

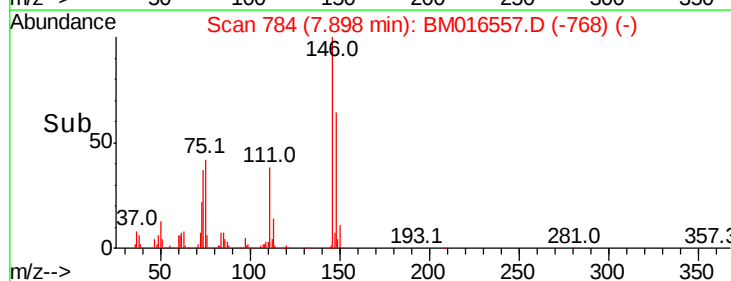
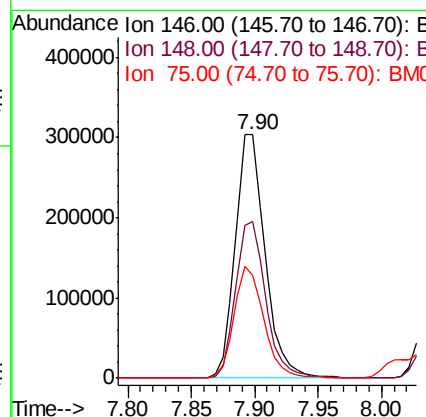
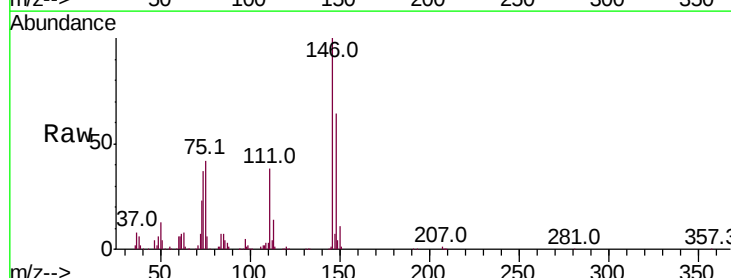
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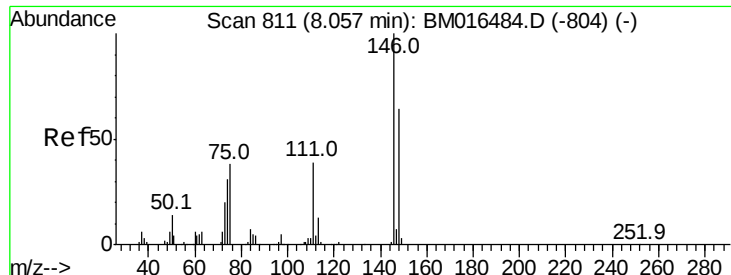
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#12  
1,3-Dichlorobenzene  
Concen: 40.635 ng  
RT: 7.90 min Scan# 784  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 50.9  | 76.3  |
| 75      | 42.0  | 21.4  | 32.2  |





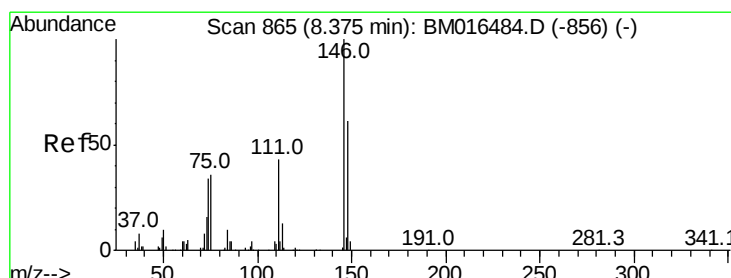
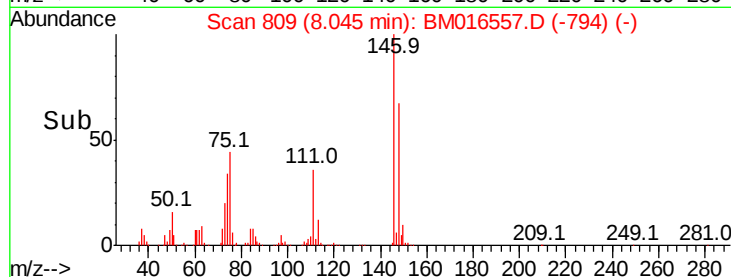
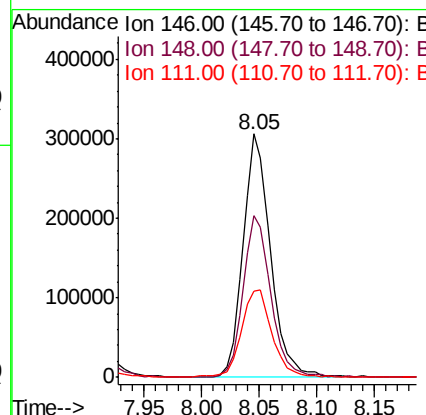
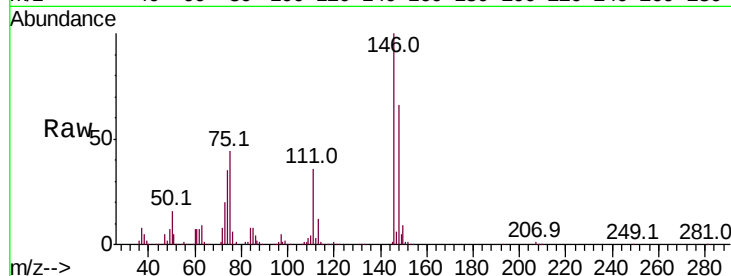
#13  
 1,4-Dichlorobenzene  
 Concen: 40.545 ng  
 RT: 8.05 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.4  | 51.9  | 77.9  |
| 111     | 35.6  | 29.2  | 43.8  |

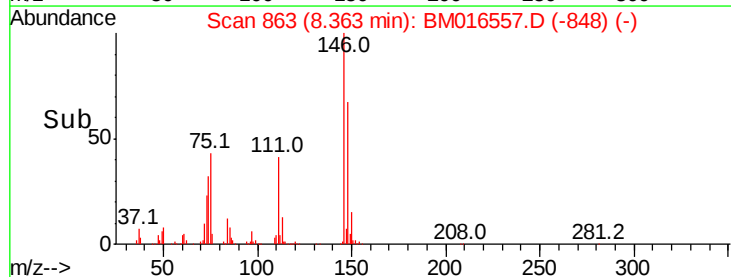
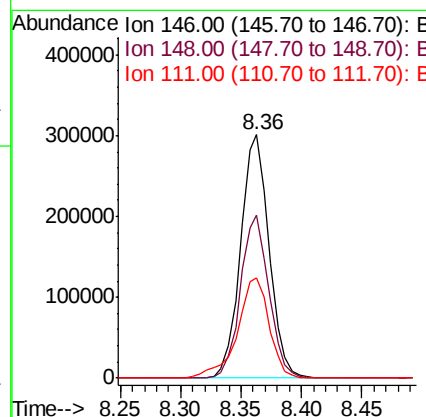
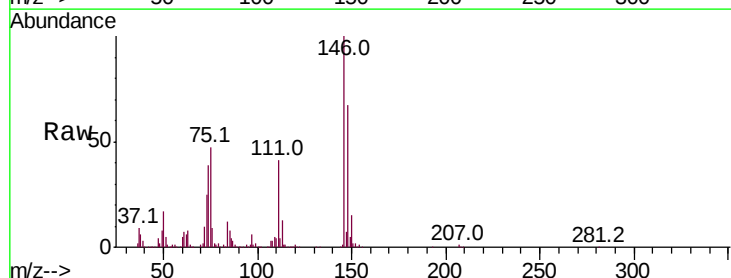
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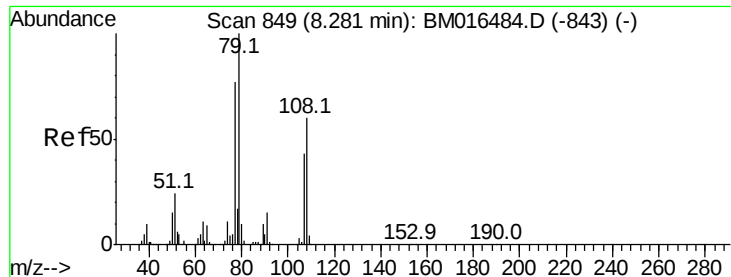
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#14  
 1,2-Dichlorobenzene  
 Concen: 40.358 ng  
 RT: 8.36 min Scan# 863  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.2  | 52.3  | 78.5  |
| 111     | 41.4  | 30.6  | 45.8  |





#15

Benzyl Alcohol

Concen: 37.892 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

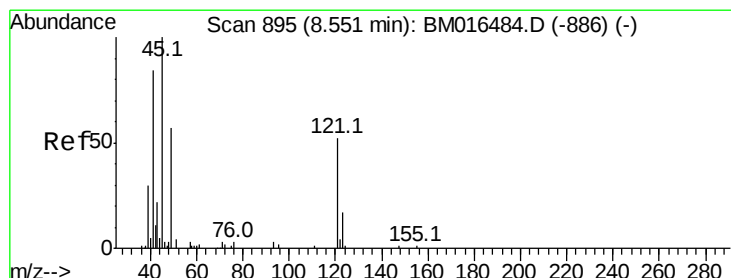
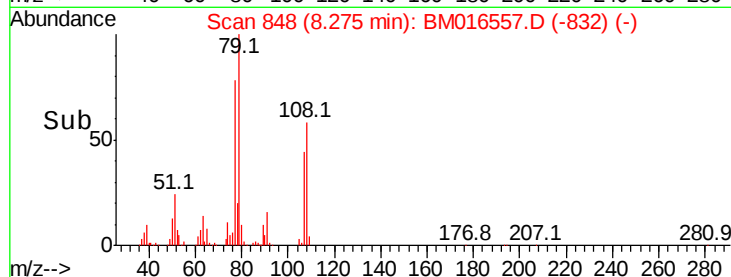
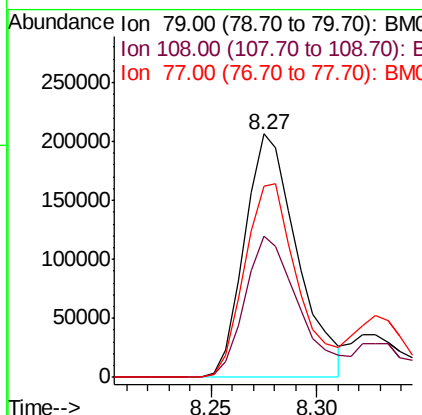
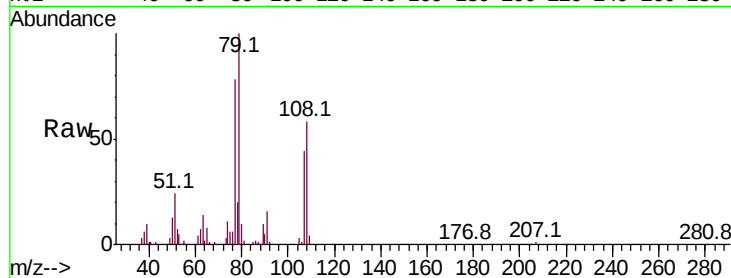
ClientSampleId :

OK-01-082118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 358564 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 58.2  | 65.0  | 97.4#  |
| 77        | 78.4  | 53.0  | 79.6   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.660 ng

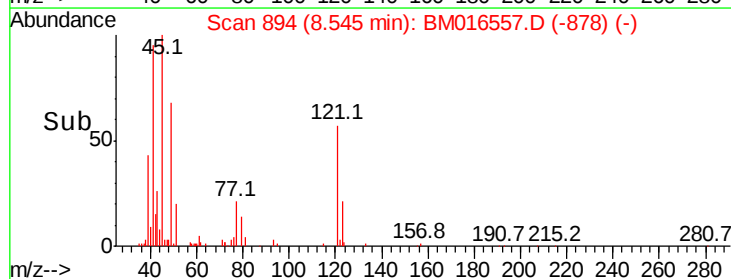
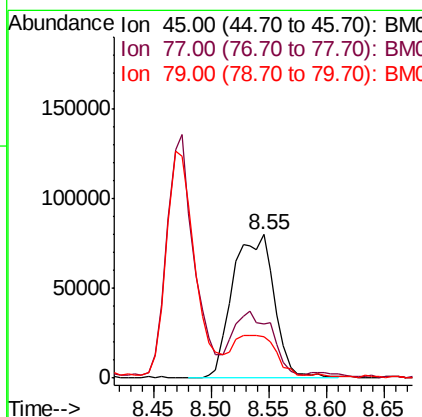
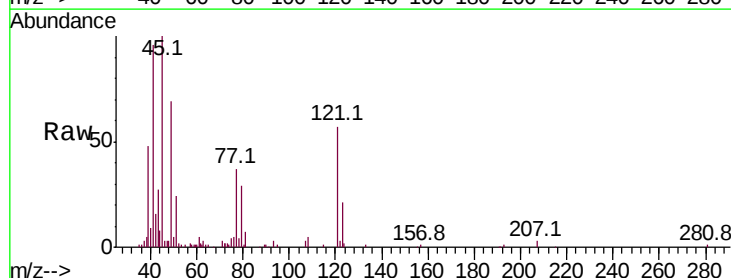
RT: 8.55 min Scan# 894

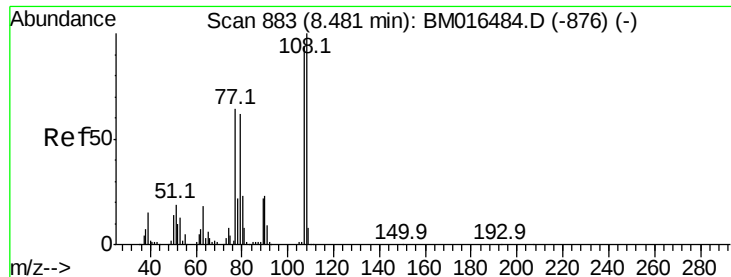
Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 201160 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 37.5  | 0.0   | 35.2#  |
| 79        | 29.1  | 0.0   | 32.0   |





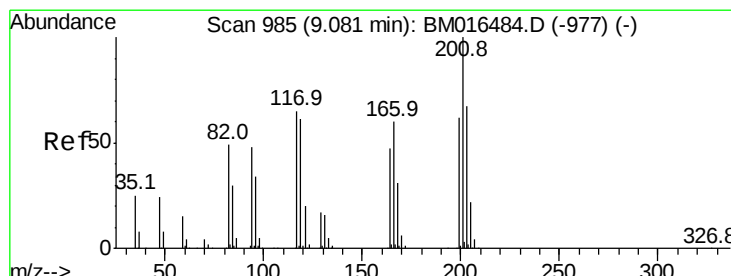
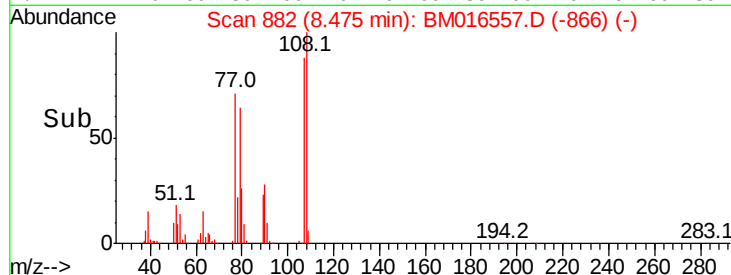
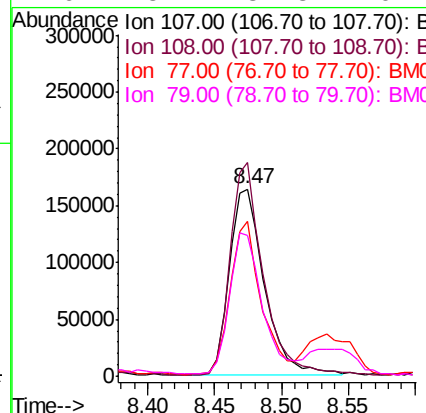
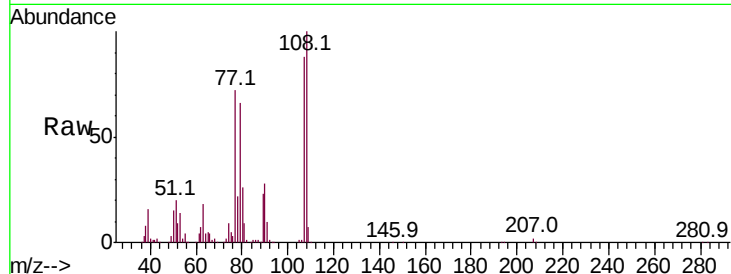
#17  
2-Methylphenol  
Concen: 41.616 ng  
RT: 8.47 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.9 | 89.8 | 134.8 |       |
| 77      | 82.3  | 32.6 | 48.8# |       |
| 79      | 75.1  | 32.8 | 49.2# |       |

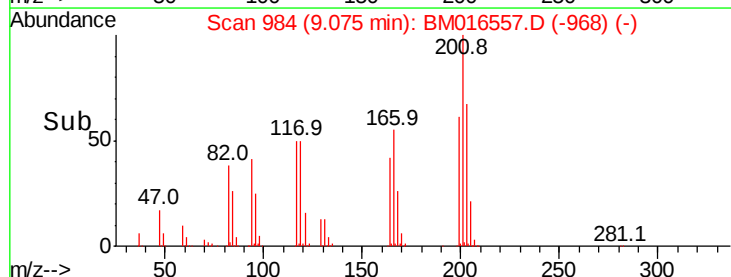
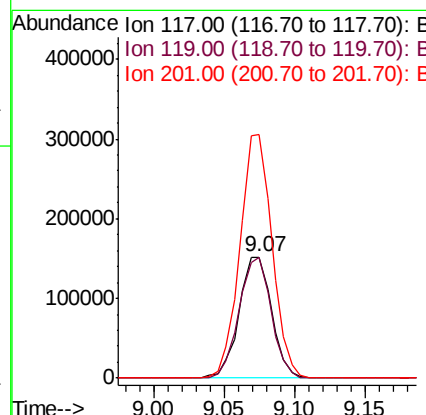
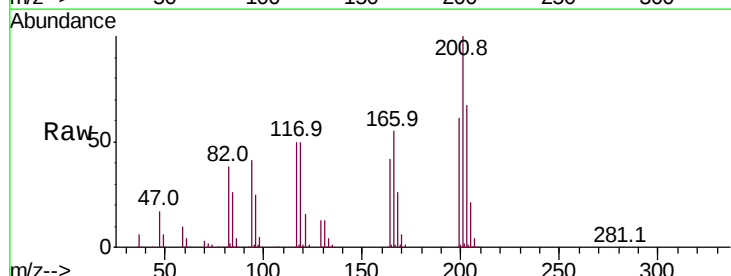
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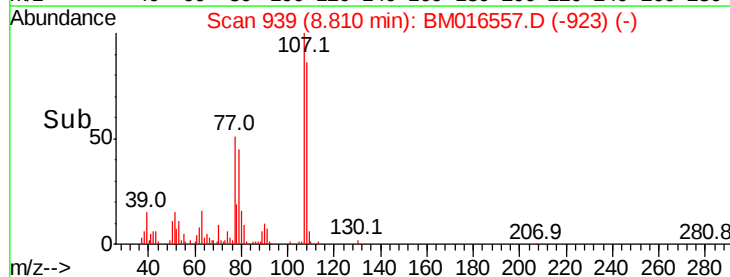
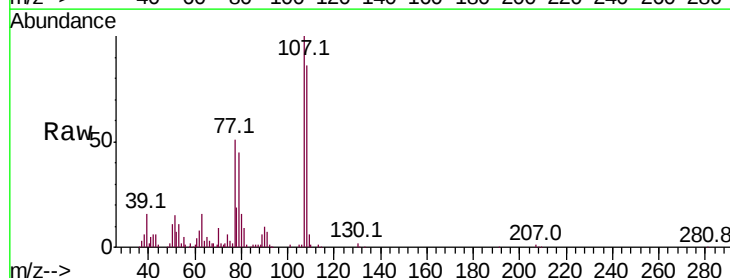
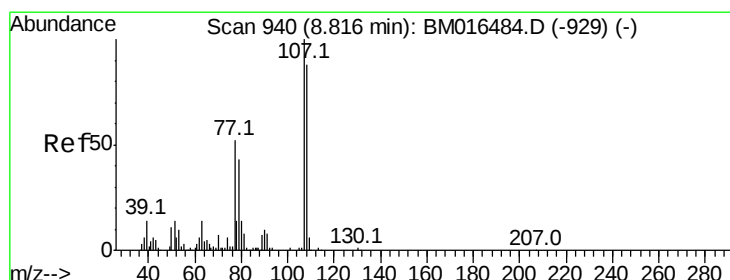
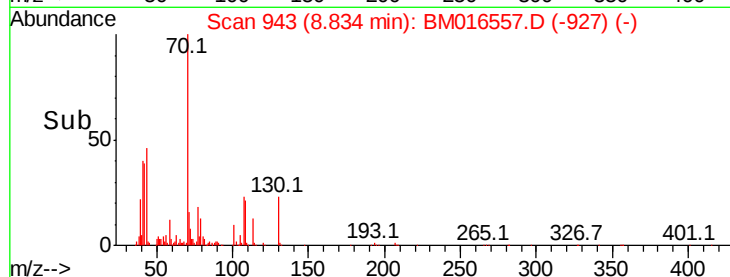
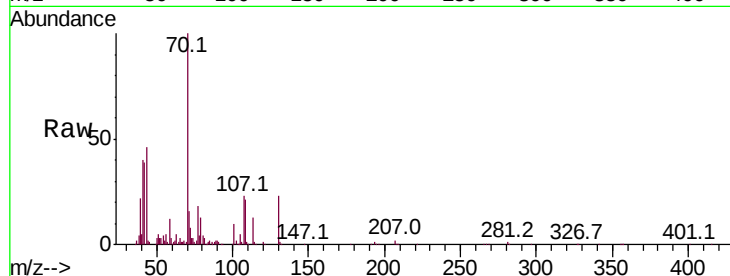
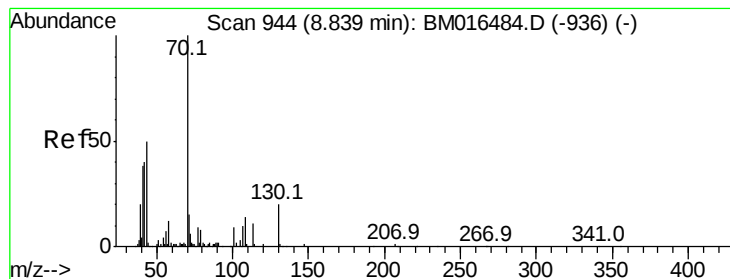
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#18  
Hexachloroethane  
Concen: 42.764 ng  
RT: 9.07 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 100.0 | 79.2 | 118.8  |       |
| 201     | 201.1 | 69.8 | 104.6# |       |





#19

n-Nitroso-di-n-propylamine

Concen: 42.001 ng

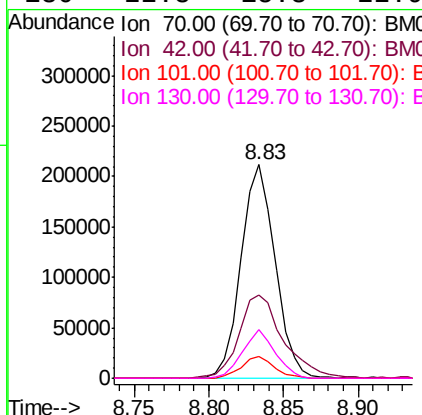
RT: 8.83 min Scan# 943

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       |       |       |       |
| 42      | 39.3 | 44.5  | 66.7# |       |       |
| 101     | 10.1 | 7.4   | 11.2  |       |       |
| 130     | 22.8 | 15.3  | 22.9  |       |       |



Instrument :

BNA\_M

ClientSampleId :

OK-01-082118MSD

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#20

3+4-Methylphenols

Concen: 40.812 ng

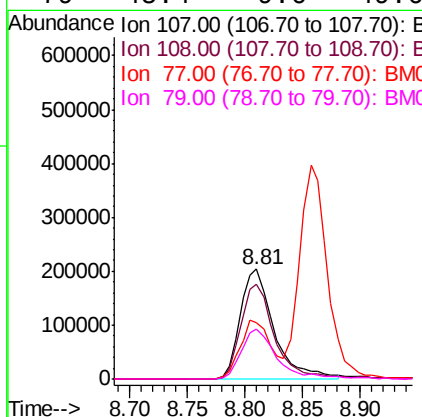
RT: 8.81 min Scan# 939

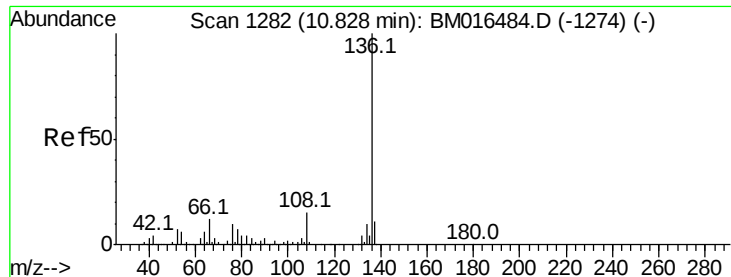
Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 86.1 | 73.2  | 113.2 |       |       |
| 77      | 51.0 | 10.7  | 50.7# |       |       |
| 79      | 45.4 | 9.6   | 49.6  |       |       |





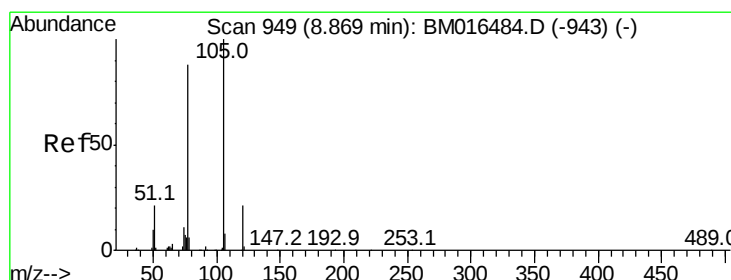
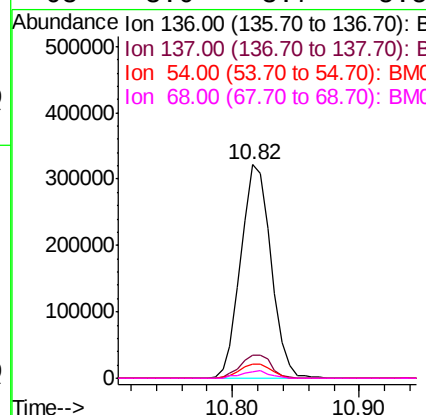
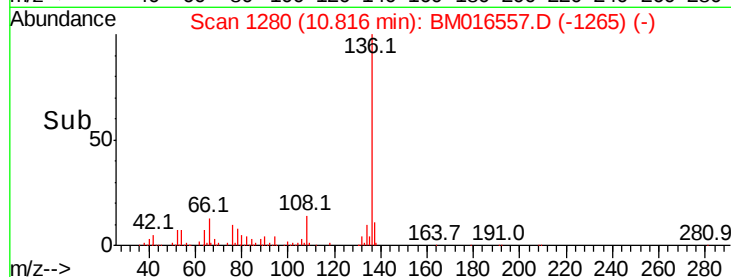
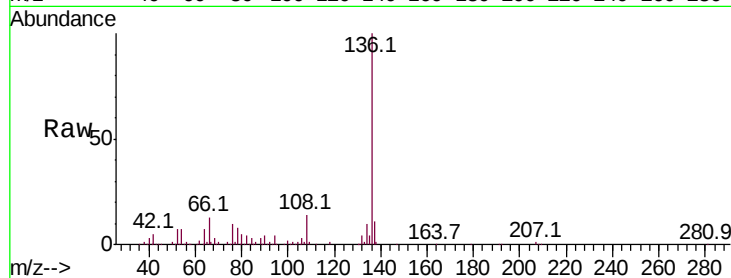
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1280  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 532381 |       |       |
| 137     | 10.8  | 8.7    | 13.1  |       |
| 54      | 6.8   | 4.6    | 6.8   |       |
| 68      | 3.0   | 3.7    | 5.5#  |       |

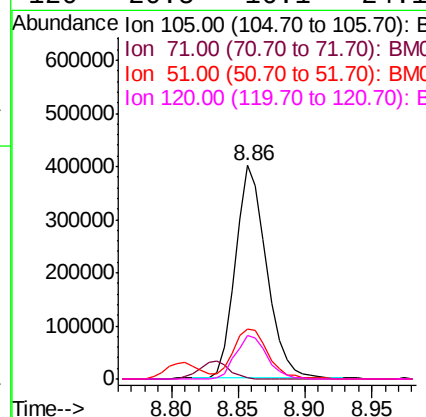
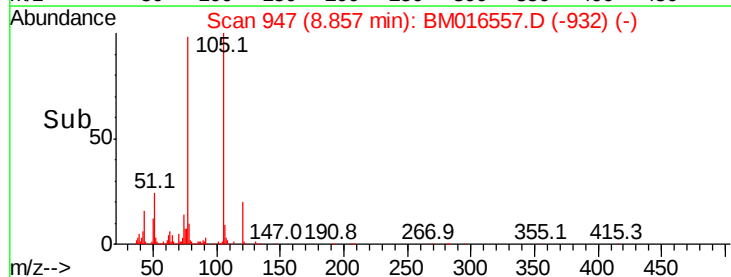
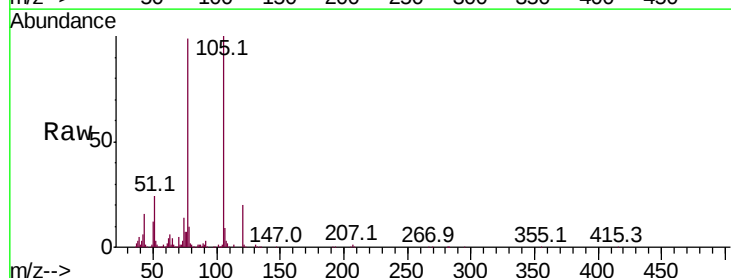
Manual Integrations  
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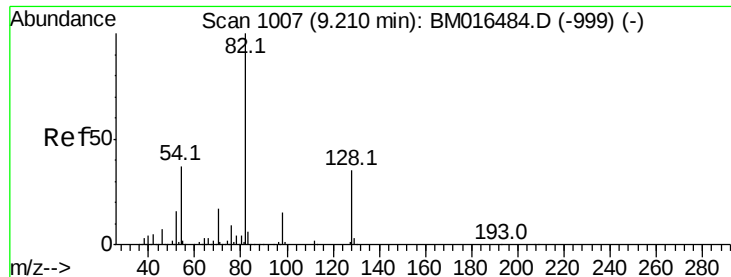
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#22  
Acetophenone  
Concen: 50.521 ng  
RT: 8.86 min Scan# 947  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 647671 |       |       |
| 71      | 0.7   | 0.6    | 1.0   |       |
| 51      | 23.5  | 21.6   | 32.4  |       |
| 120     | 20.5  | 16.1   | 24.1  |       |





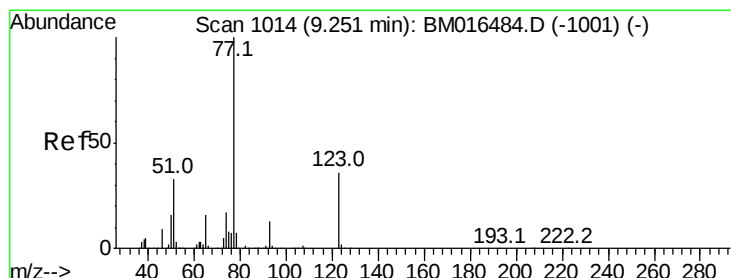
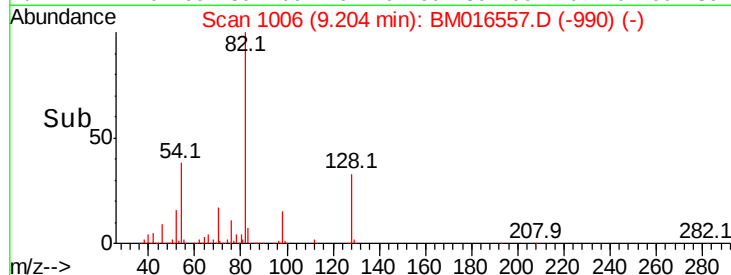
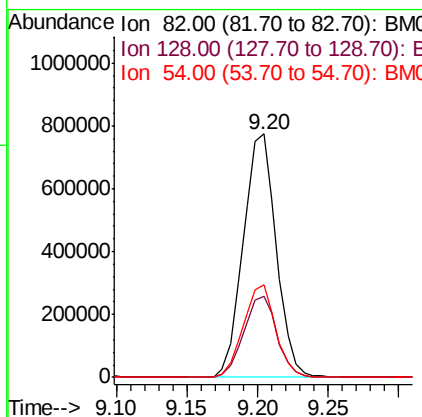
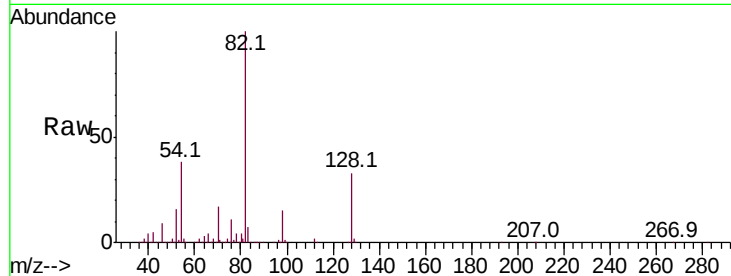
#23  
 Nitrobenzene-d5  
 Concen: 108.776 ng  
 RT: 9.20 min Scan# 1006  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 33.2  | 32.8  | 49.2  |
| 54      | 38.1  | 40.6  | 60.8# |

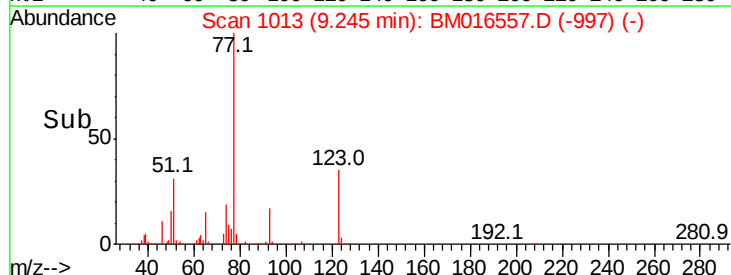
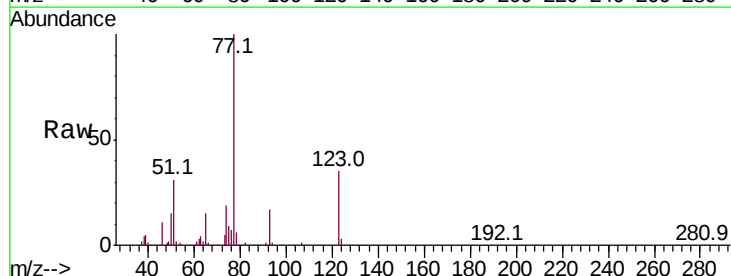
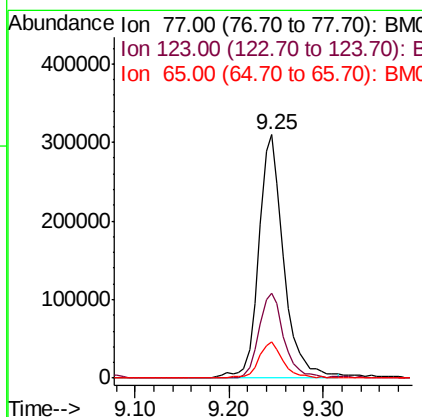
Manual Integrations  
 APPROVED

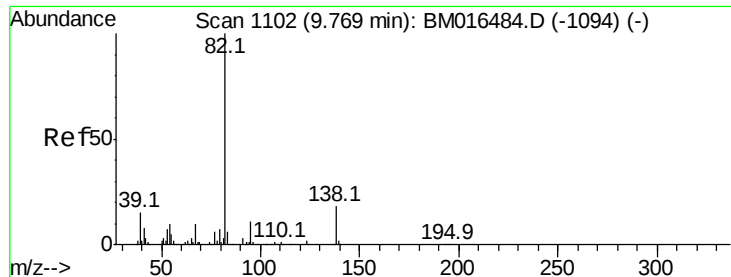
Sohil  
 8/23/2018 6:39:31 PM



#24  
 Nitrobenzene  
 Concen: 48.670 ng  
 RT: 9.25 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 35.1  | 32.6  | 49.0  |
| 65      | 14.8  | 10.9  | 16.3  |





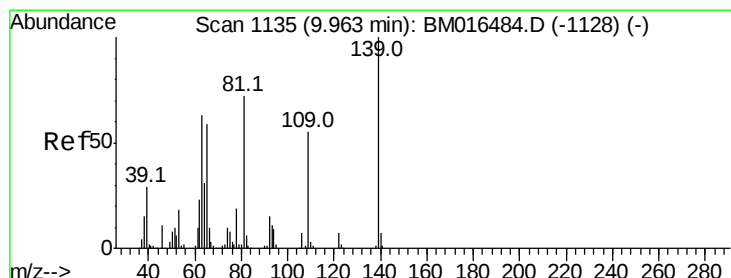
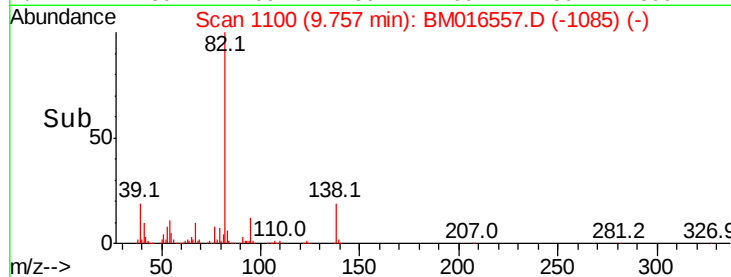
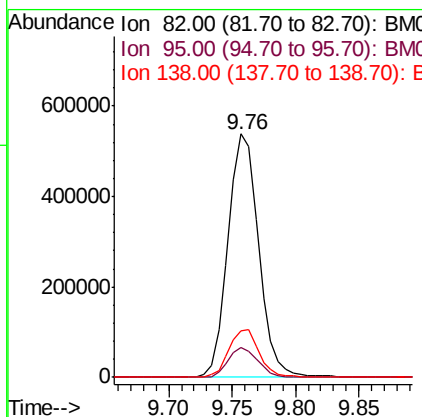
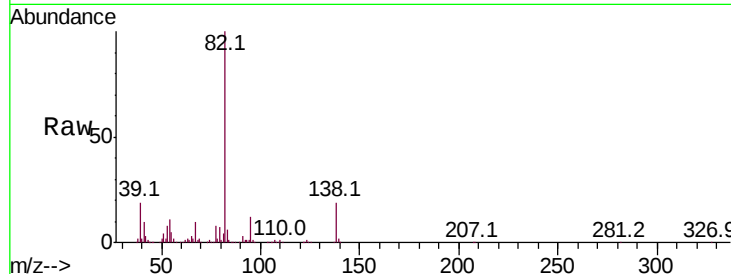
#25  
Isophorone  
Concen: 57.858 ng  
RT: 9.76 min Scan# 1100  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 12.1  | 5.8  | 8.6#  |       |
| 138     | 19.1  | 16.3 | 24.5  |       |

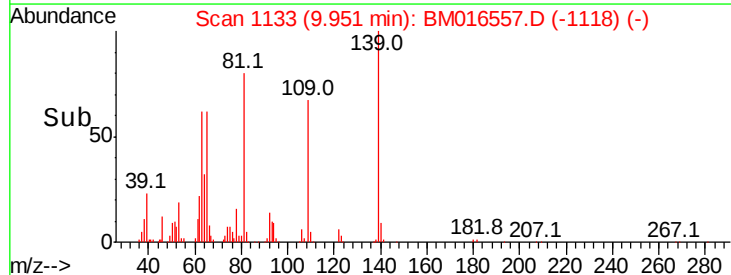
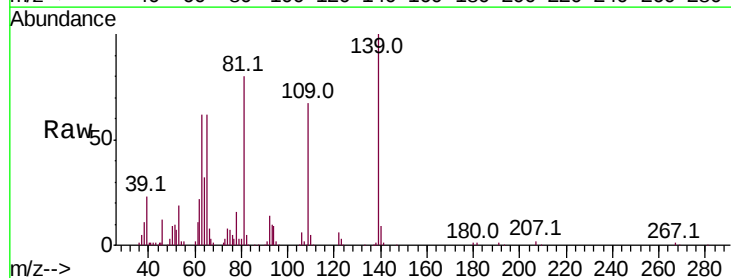
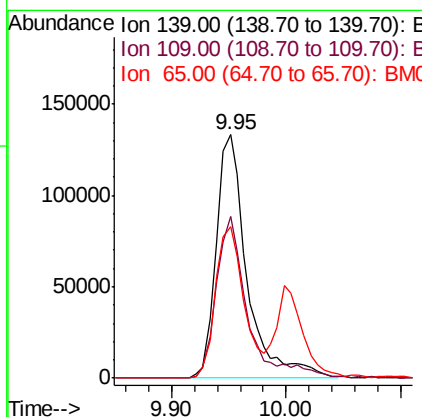
Manual Integrations  
APPROVED

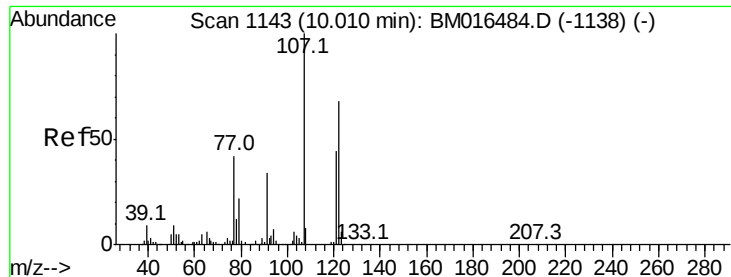
Sohil  
8/23/2018 6:39:31 PM



#26  
2-Nitrophenol  
Concen: 49.827 ng m  
RT: 9.95 min Scan# 1133  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 66.6  | 20.1 | 30.1# |       |
| 65      | 62.4  | 31.5 | 47.3# |       |





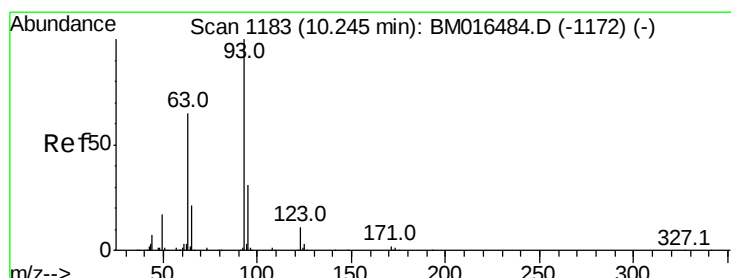
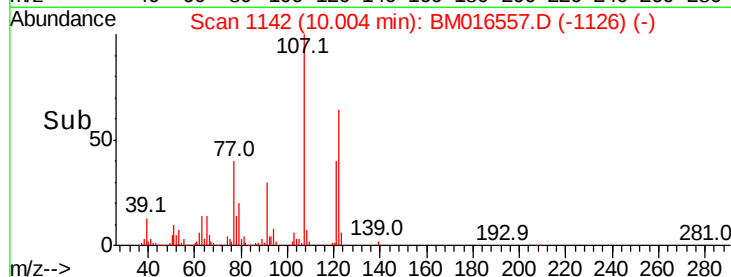
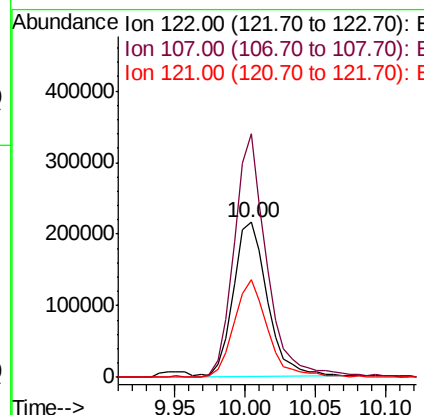
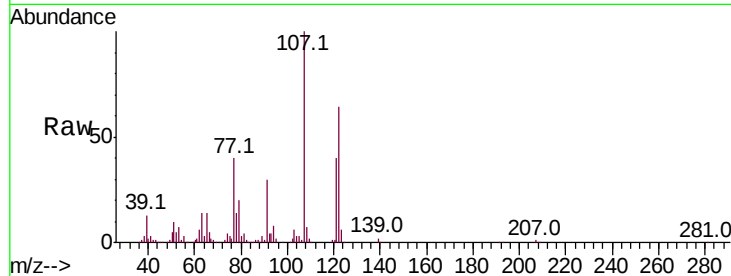
#27  
2,4-Dimethylphenol  
Concen: 55.305 ng  
RT: 10.00 min Scan# 1142  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 156.9 | 84.7  | 127.1# |
| 121     | 63.2  | 46.6  | 69.8   |

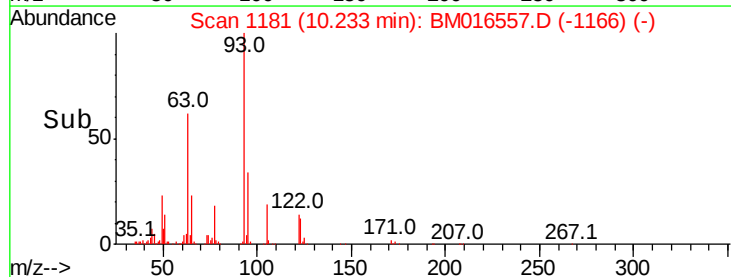
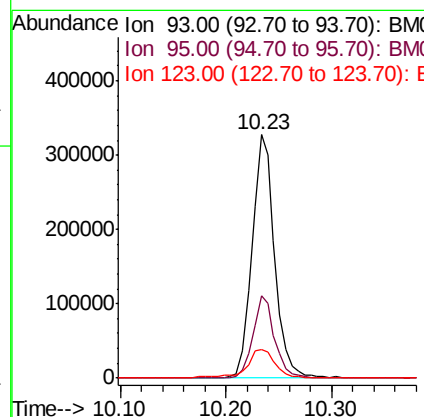
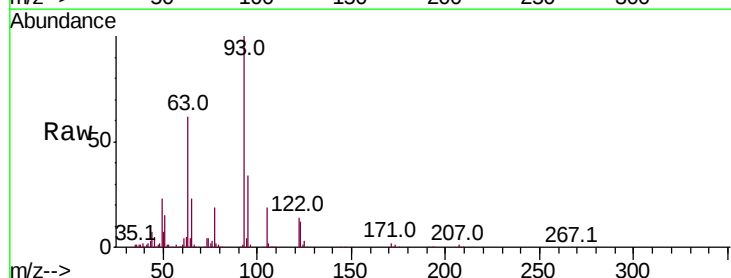
Manual Integrations  
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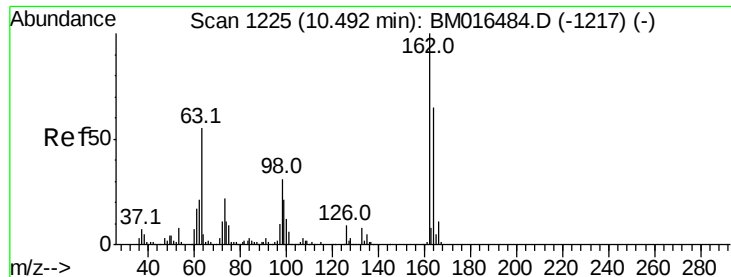
Sohil  
8/23/2018 6:39:31 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 52.139 ng  
RT: 10.23 min Scan# 1181  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.0  | 25.5  | 38.3  |
| 123     | 11.7  | 8.6   | 13.0  |





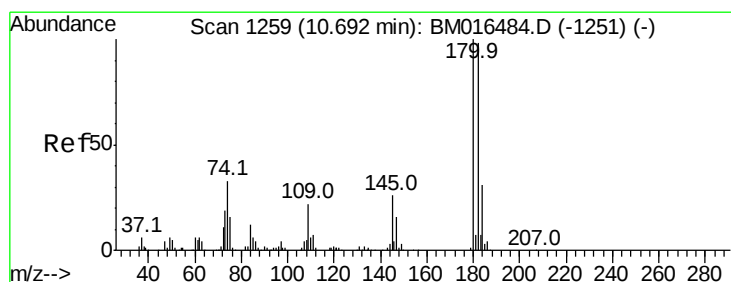
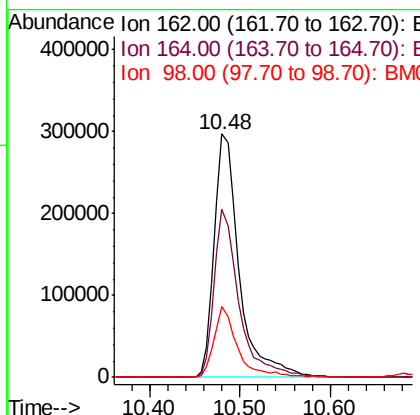
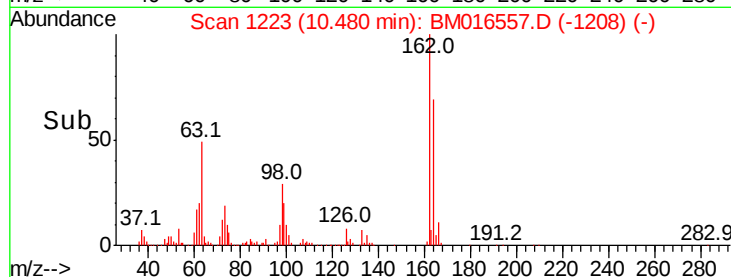
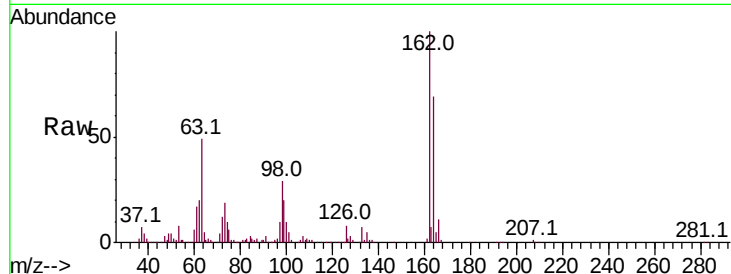
#29  
2,4-Dichlorophenol  
Concen: 59.067 ng/ml  
RT: 10.48 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 573774 |       |       |
| 164     | 68.8  | 42.8   | 82.8  |       |
| 98      | 28.9  | 14.5   | 54.5  |       |

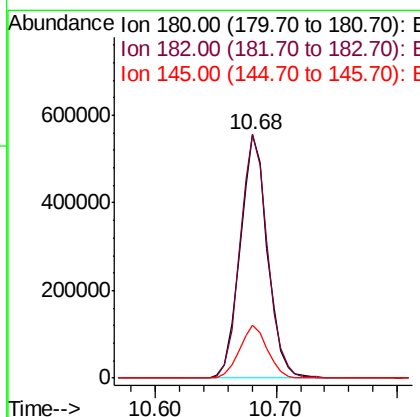
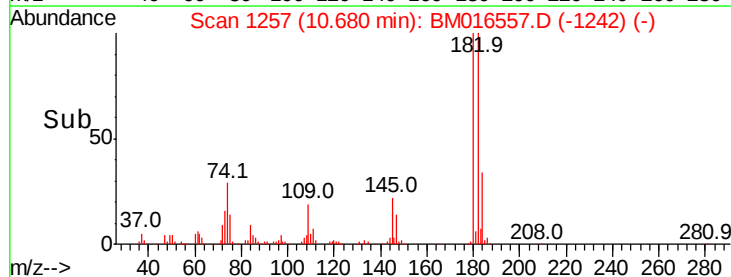
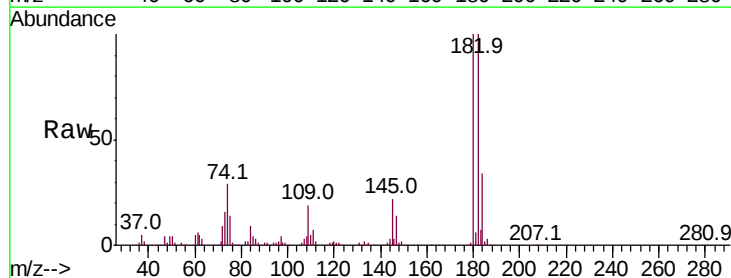
Manual Integrations  
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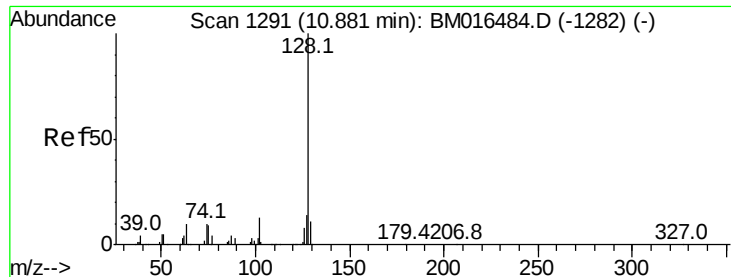
Sohil  
8/23/2018 6:39:31 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 59.301 ng/ml  
RT: 10.68 min Scan# 1257  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 874090 |       |       |
| 182     | 99.9  | 77.6   | 116.4 |       |
| 145     | 21.9  | 23.4   | 35.2  |       |





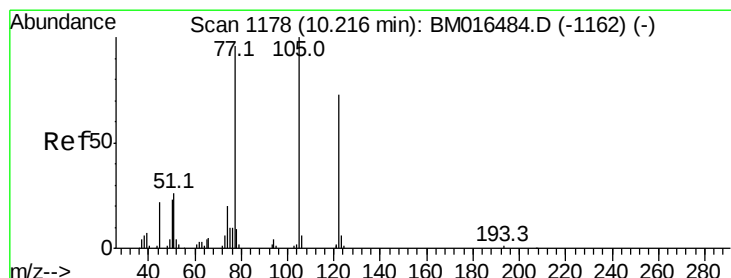
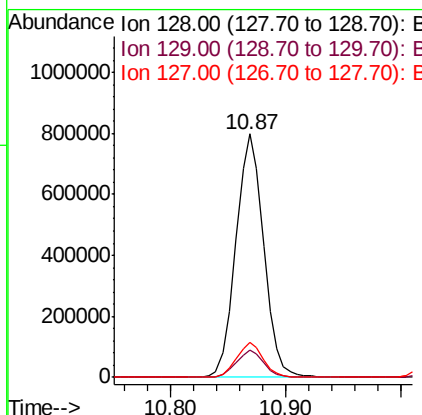
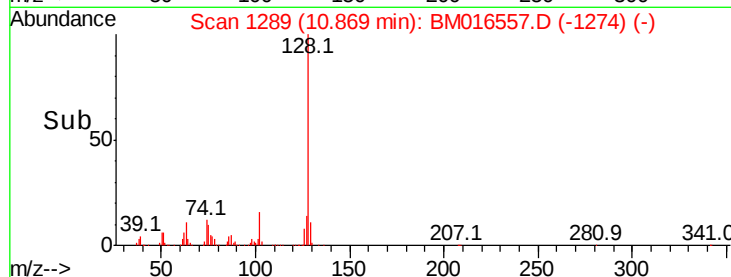
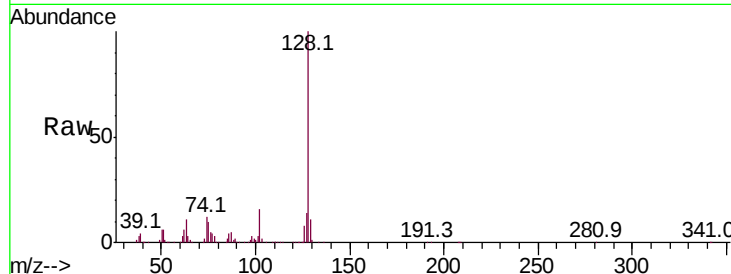
#31  
Naphthalene  
Concen: 52.336 ng  
RT: 10.87 min Scan# 1289  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 8.9   | 13.3  |
| 127     | 14.3  | 10.4  | 15.6  |

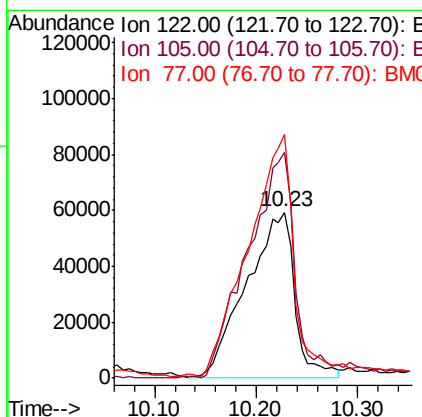
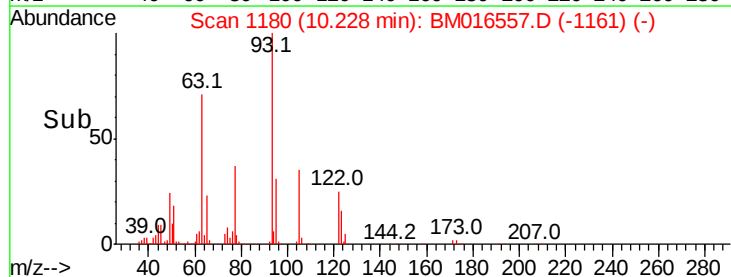
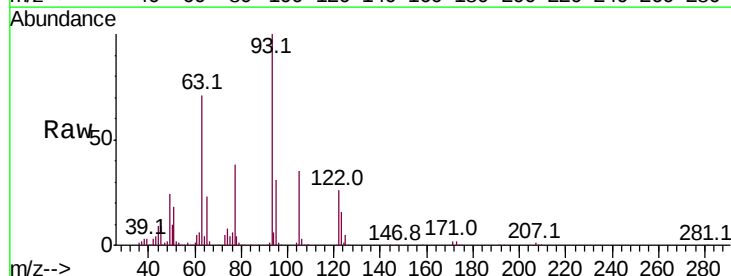
Manual Integrations  
APPROVED

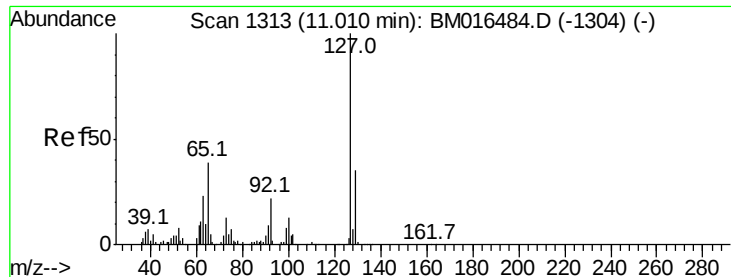
Sohil  
8/23/2018 6:39:31 PM



#32  
Benzoic acid  
Concen: 36.190 ng  
RT: 10.23 min Scan# 1180  
Delta R.T. 0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 135.6 | 99.9  | 139.9  |
| 77      | 146.6 | 73.7  | 113.7# |





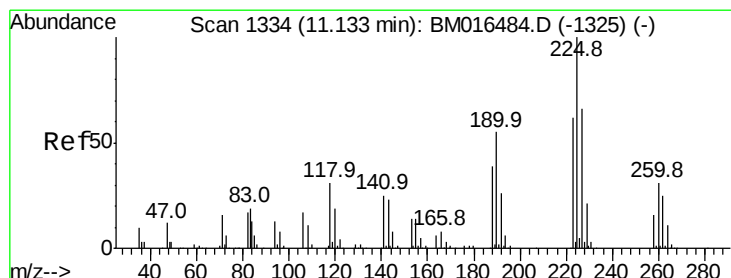
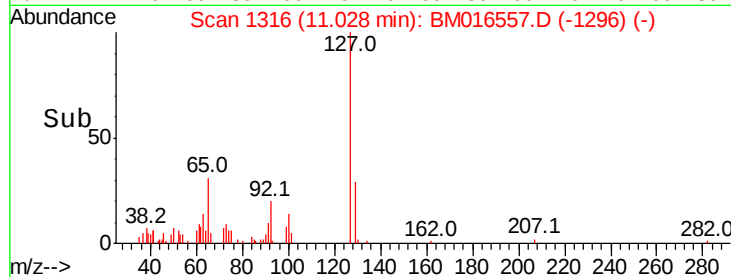
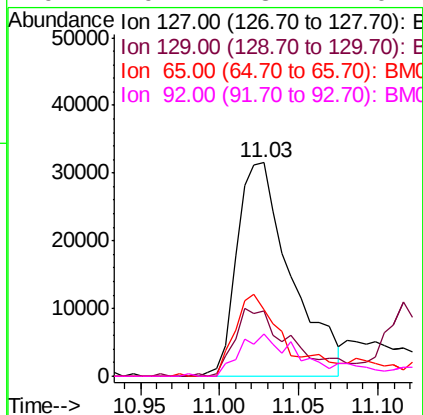
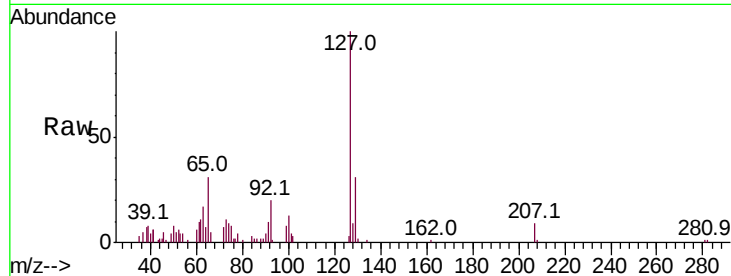
#33  
4-Chloroaniline  
Concen: 7.004 ng  
RT: 11.03 min Scan# 1316  
Delta R.T. 0.02 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.7  | 25.3  | 37.9  |
| 65      | 30.9  | 17.6  | 26.4  |
| 92      | 19.7  | 13.1  | 19.7  |

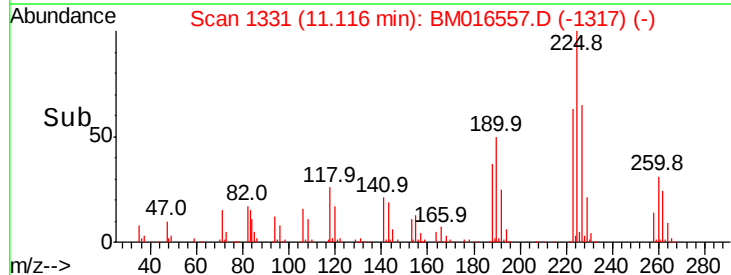
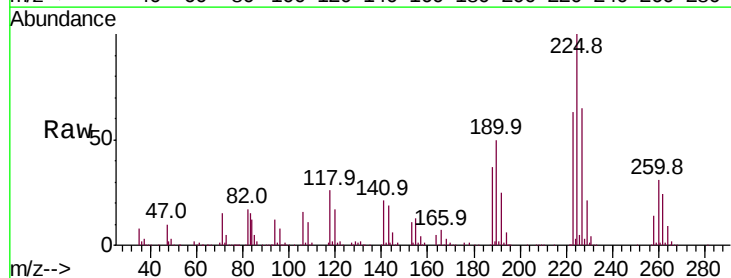
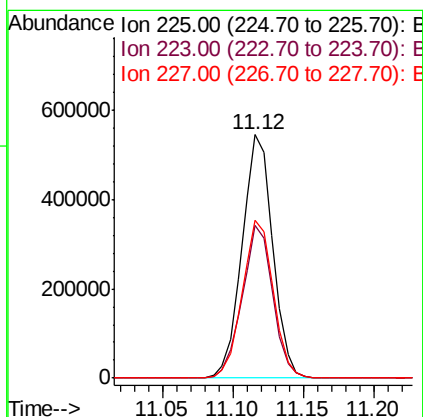
Manual Integrations  
APPROVED

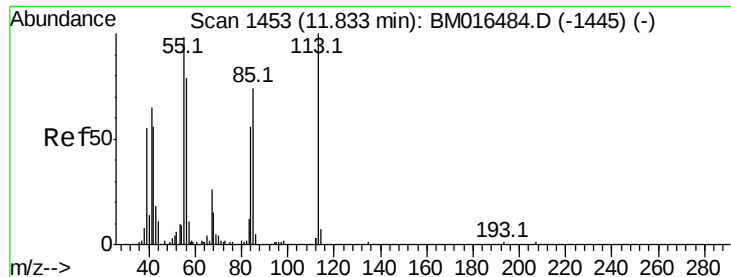
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 58.975 ng  
RT: 11.12 min Scan# 1331  
Delta R.T. -0.02 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.7  | 47.9  | 71.9  |
| 227     | 64.9  | 50.1  | 75.1  |





#35

Caprolactam

Concen: 33.174 ng/mL

RT: 11.83 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

OK-01-082118MSD

Tot Ion:113 Resp: 77326

Ion Ratio Lower Upper

113 100

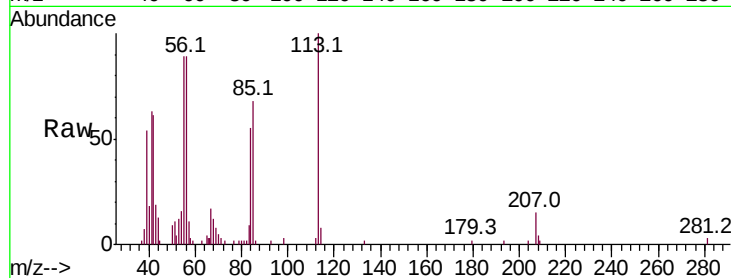
55 89.2 145.9 185.9#

56 88.8 101.0 141.0#

Manual Integrations  
APPROVED

Sohil

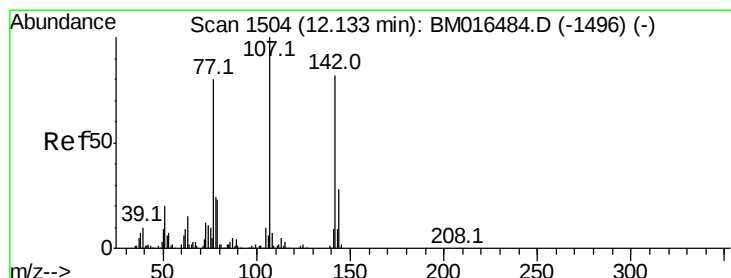
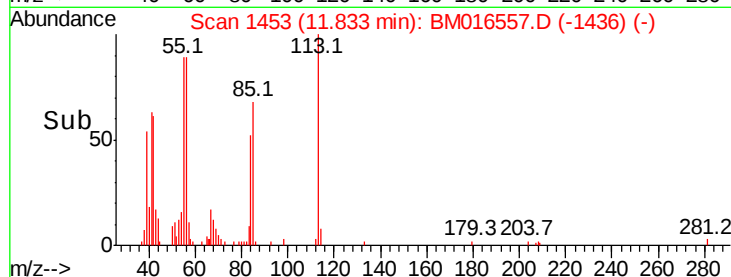
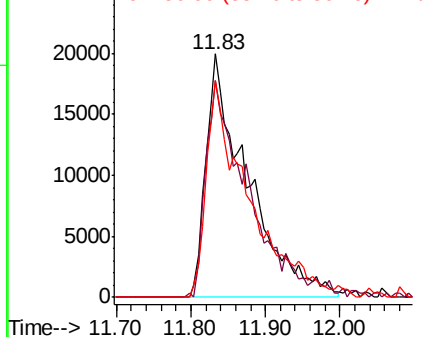
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 49.552 ng/mL

RT: 12.13 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

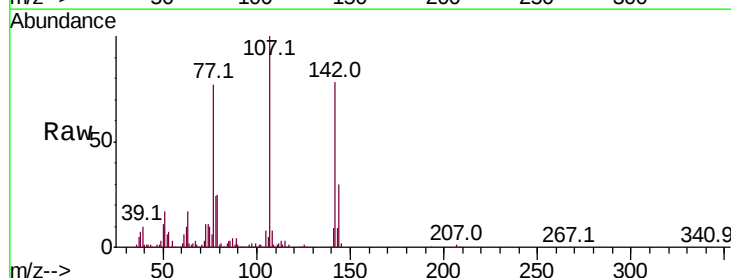
Tgt Ion:107 Resp: 462749

Ion Ratio Lower Upper

107 100

144 29.6 23.3 34.9

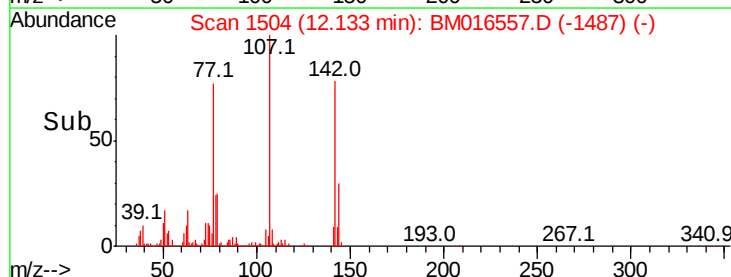
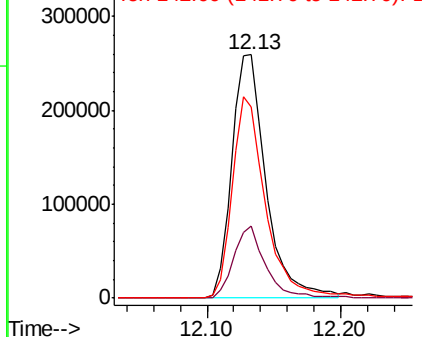
142 78.4 72.6 109.0

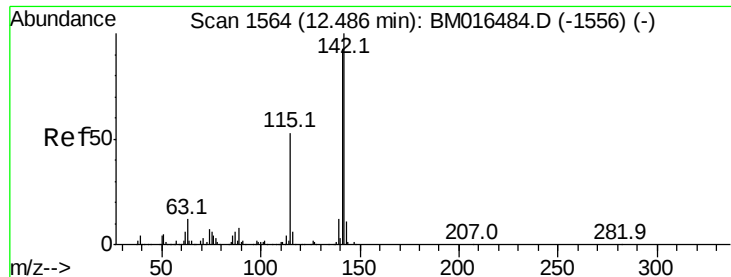


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





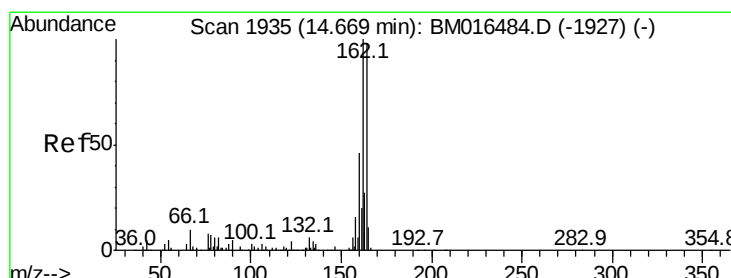
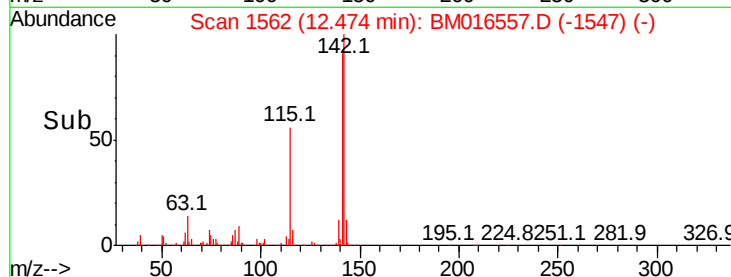
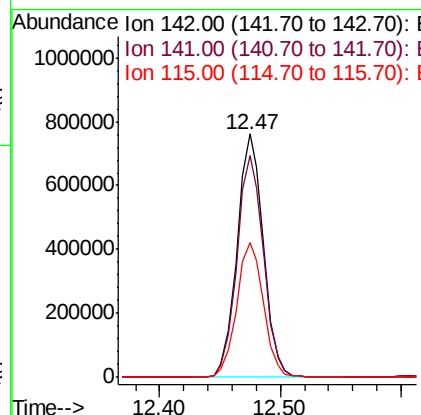
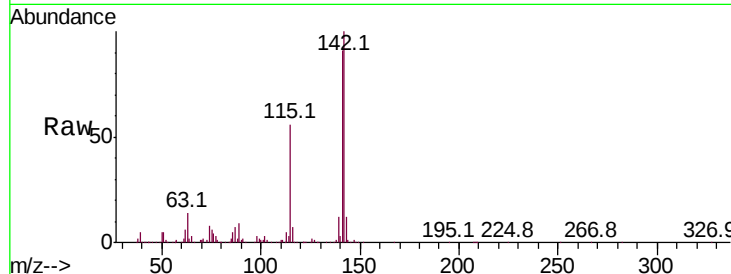
#37  
 2-Methylnaphthalene  
 Concen: 58.140 ng  
 RT: 12.47 min Scan# 1562  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.3  | 71.9  | 107.9 |
| 115     | 55.5  | 25.4  | 38.0  |

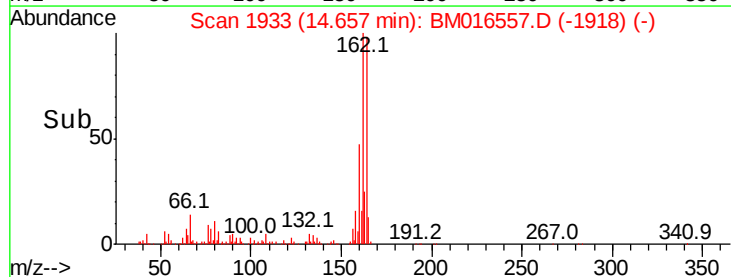
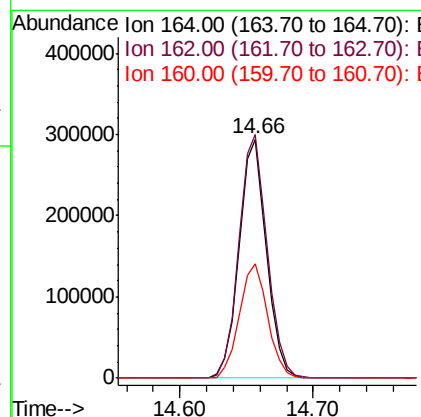
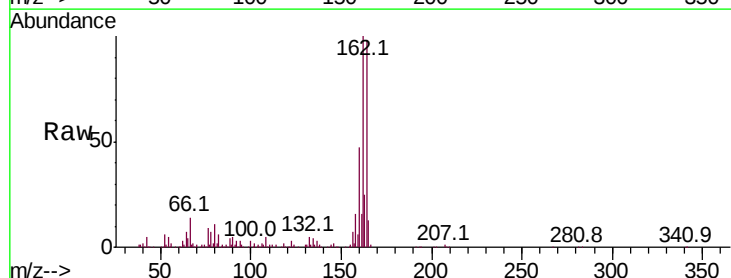
Manual Integrations  
 APPROVED

Sohil  
 8/23/2018 6:39:31 PM



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.66 min Scan# 1933  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.9 | 82.4  | 123.6 |
| 160     | 47.8  | 35.8  | 53.6  |





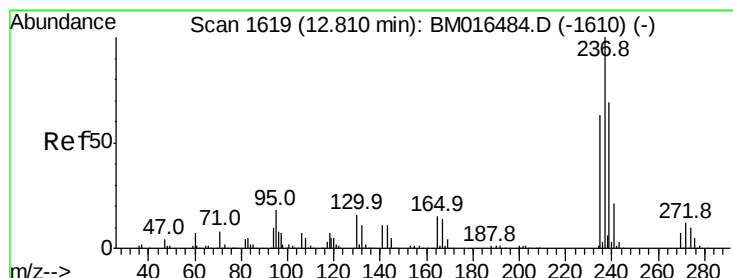
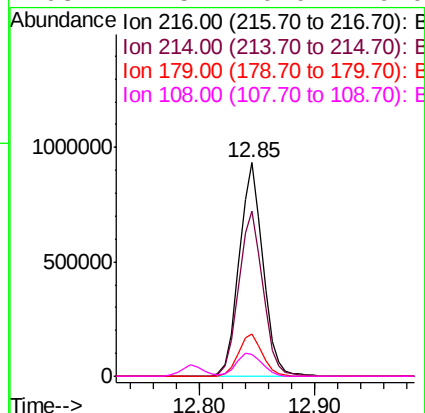
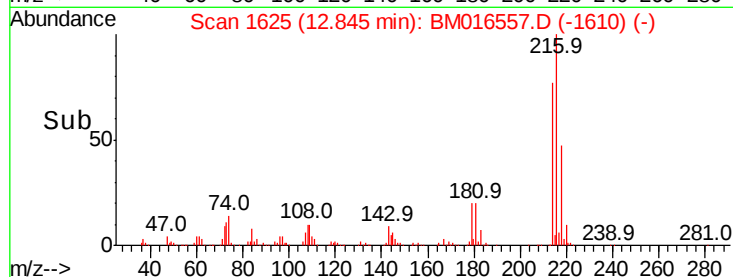
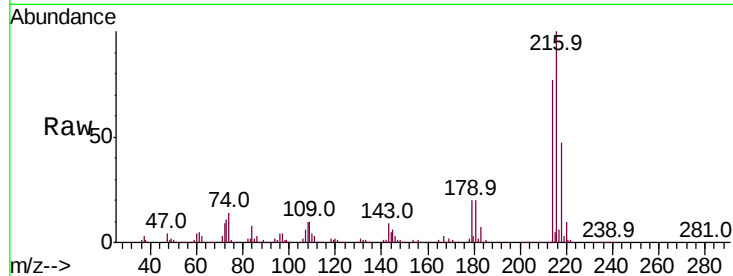
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 56.629 ng  
 RT: 12.85 min Scan# 1625  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.7  | 0.0   | 0.0#  |
| 179     | 20.1  | 0.0   | 0.0#  |
| 108     | 11.5  | 0.0   | 0.0#  |

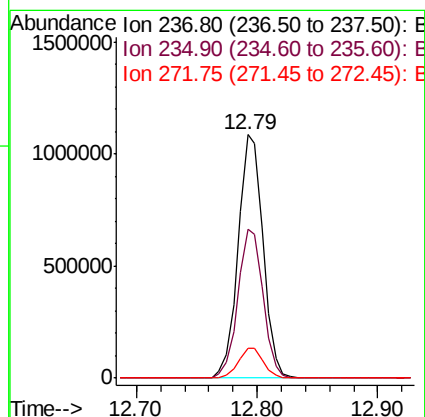
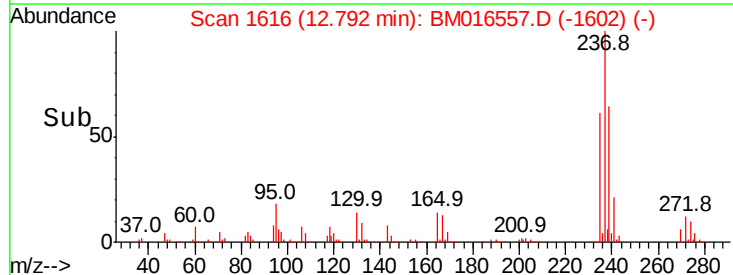
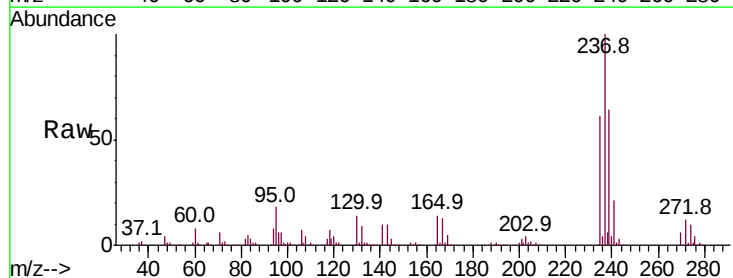
Manual Integrations  
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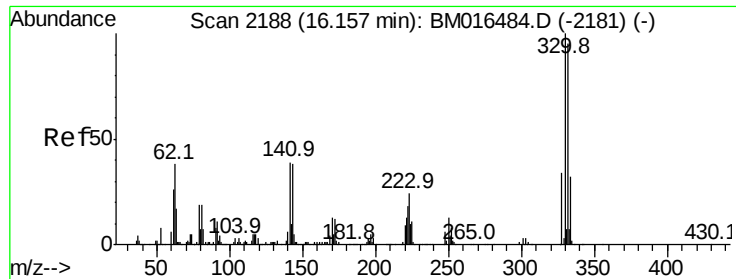
Sohil  
 8/23/2018 6:39:31 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 121.566 ng  
 RT: 12.79 min Scan# 1616  
 Delta R.T. -0.02 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 61.0  | 42.0  | 82.0  |
| 272     | 12.1  | 0.0   | 33.4  |





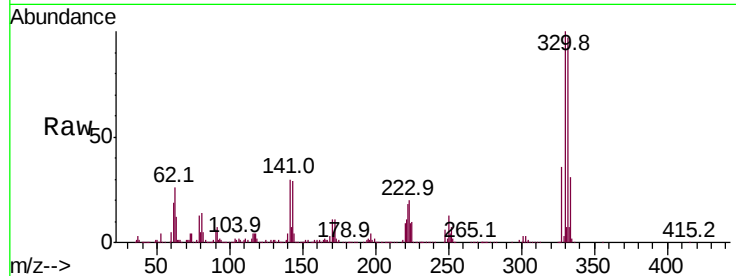
#41  
 2,4,6-Tribromophenol  
 Concen: 188.576 ng  
 RT: 16.15 min Scan# 2187  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.6  | 0.0   | 0.0#  |
| 141     | 32.5  | 0.0   | 0.0#  |

Manual Integrations  
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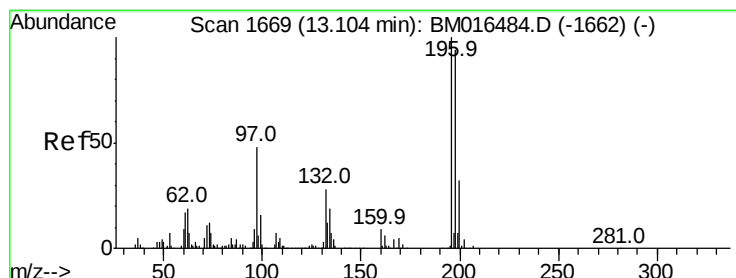
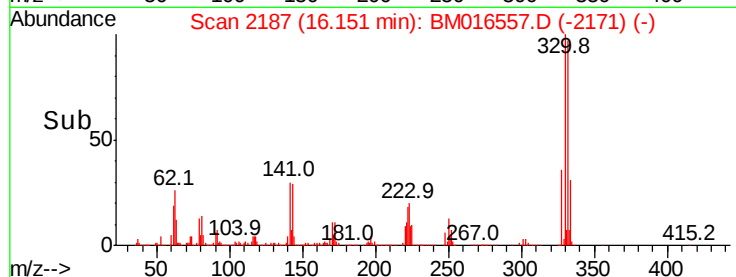
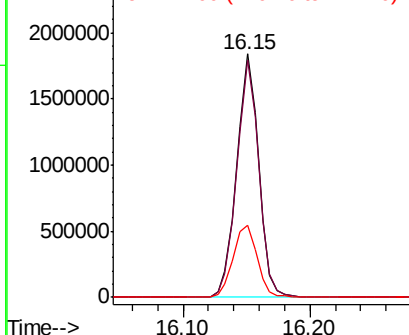


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 57.044 ng  
 RT: 13.10 min Scan# 1668  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

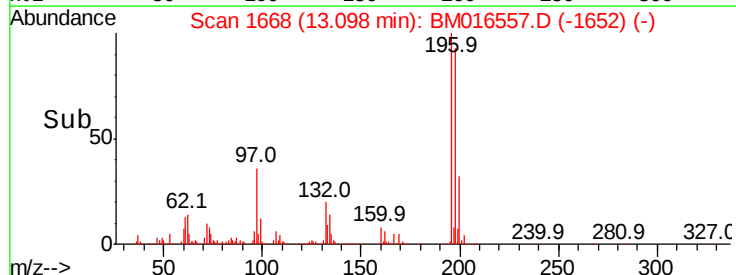
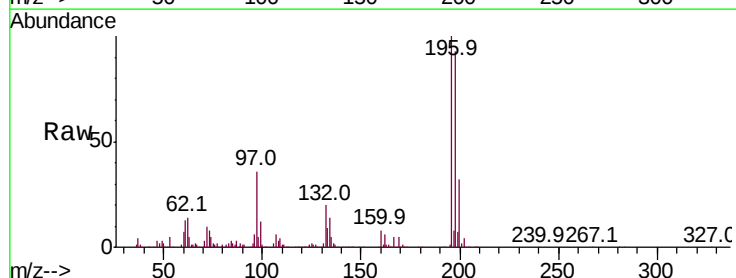
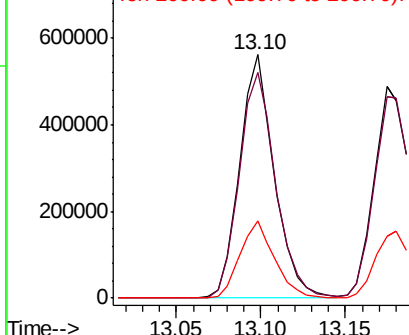
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.7  | 76.3  | 114.5 |
| 200     | 31.8  | 25.6  | 38.4  |

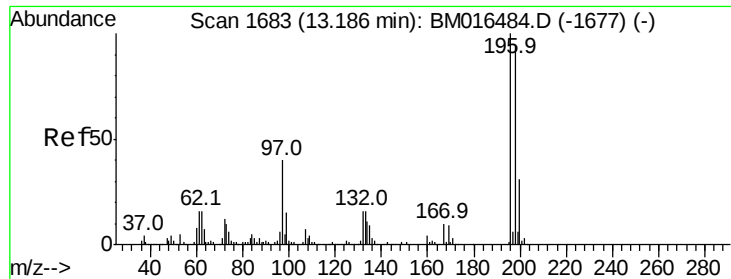
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





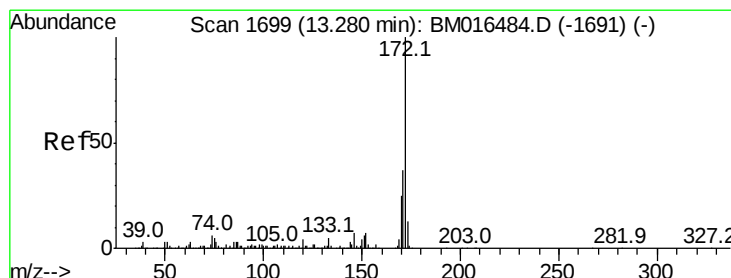
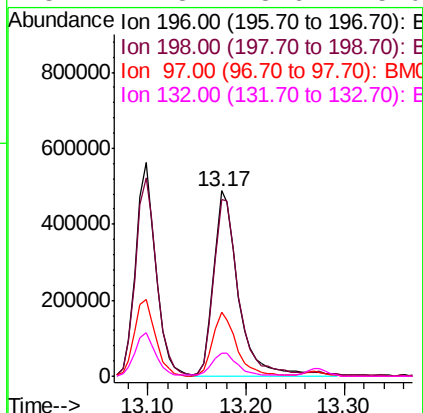
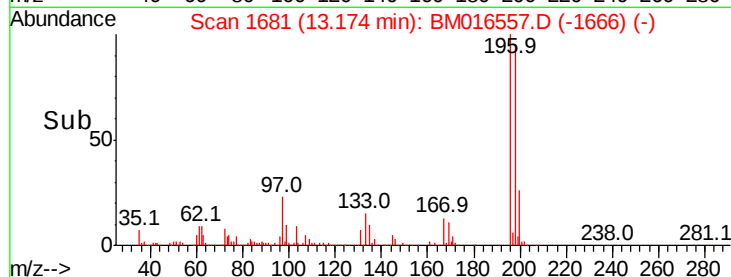
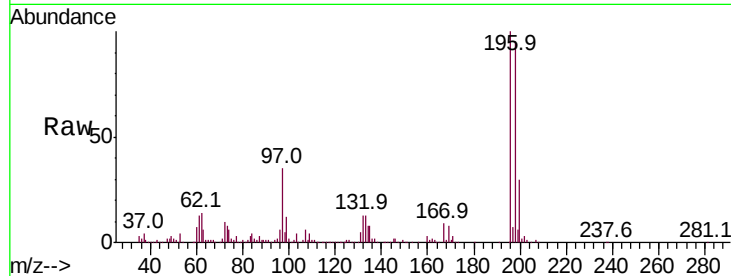
#43  
 2,4,5-Trichlorophenol  
 Concen: 62.110 ng/mL  
 RT: 13.17 min Scan# 1681  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 854147 |       |       |
| 198     | 95.1  | 79.4   | 119.0 |       |
| 97      | 34.8  | 26.8   | 40.2  |       |
| 132     | 12.8  | 18.6   | 28.0  |       |

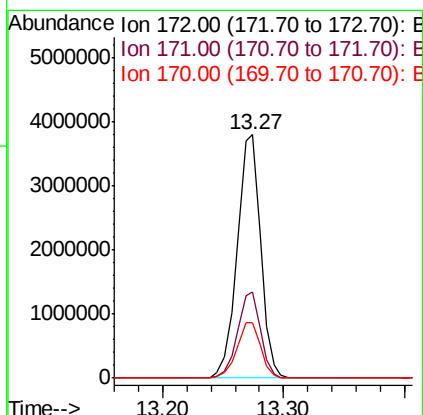
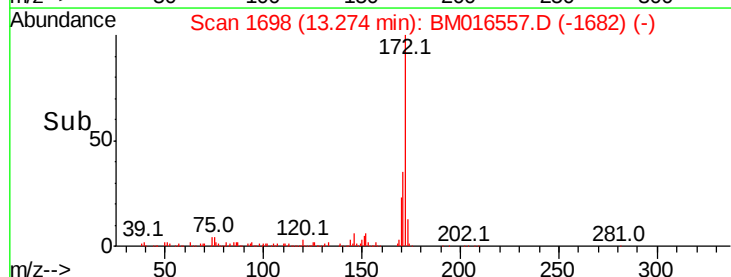
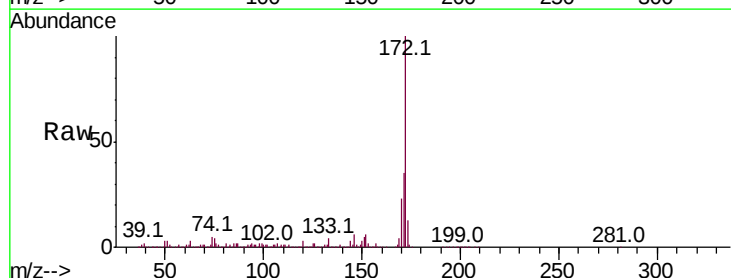
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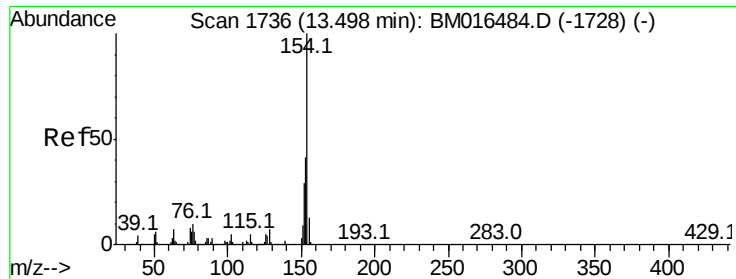
Sohil  
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#44  
 2-Fluorobiphenyl  
 Concen: 118.259 ng/mL  
 RT: 13.27 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 5128593 |       |       |
| 171     | 35.5  | 28.5    | 42.7  |       |
| 170     | 23.0  | 18.8    | 28.2  |       |





#45

1,1'-Biphenyl

Concen: 47.434 ng

RT: 13.49 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

OK-01-082118MSD

Tot Ion:154 Resp: 1733826

Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

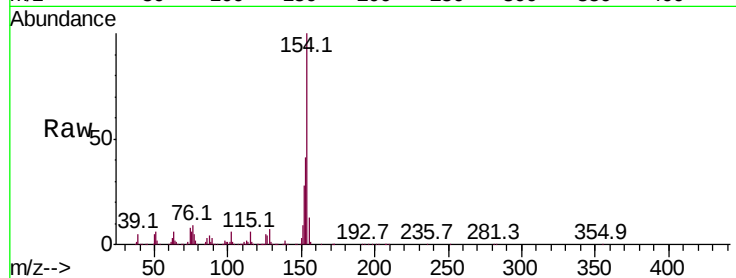
76 9.2 0.0 30.9

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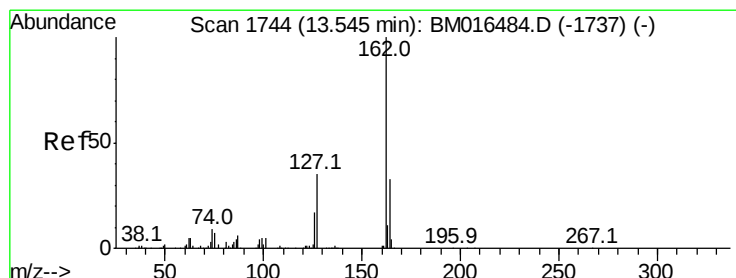
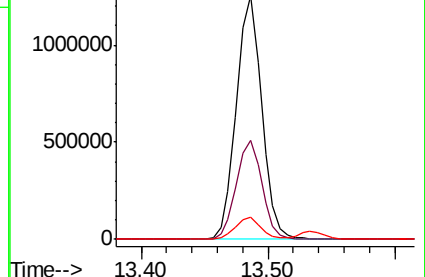
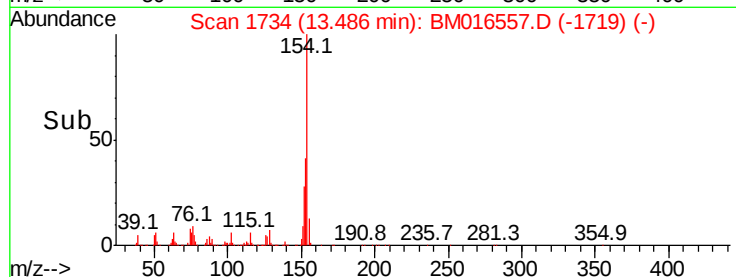
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 48.467 ng

RT: 13.53 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

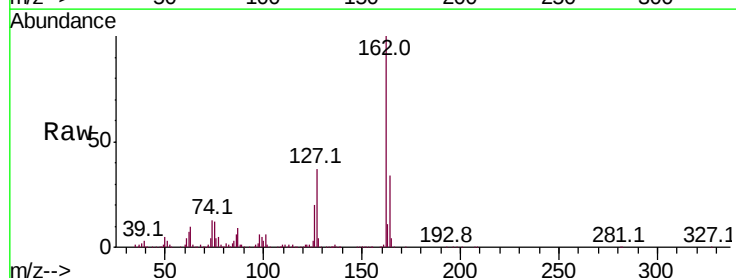
Tgt Ion:162 Resp: 1439273

Ion Ratio Lower Upper

162 100

127 36.6 26.9 40.3

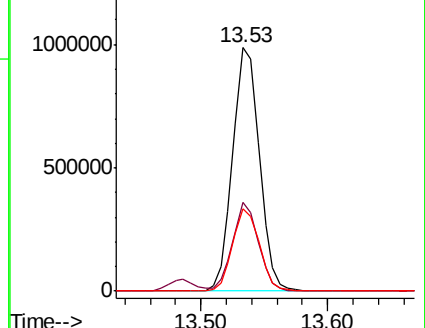
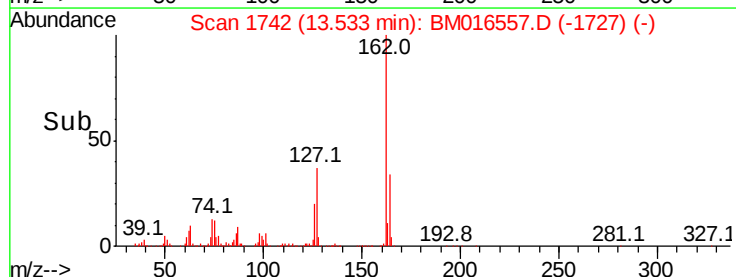
164 33.7 26.8 40.2

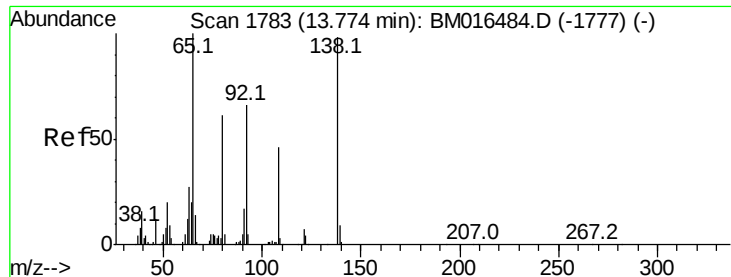


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.672 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

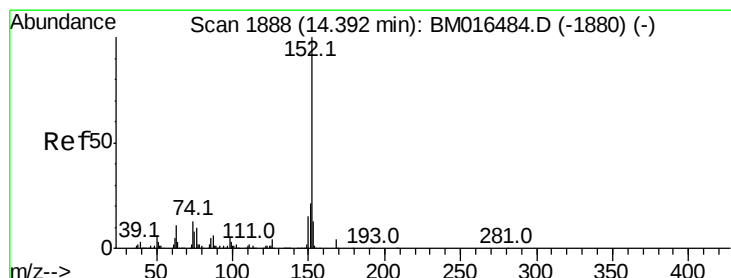
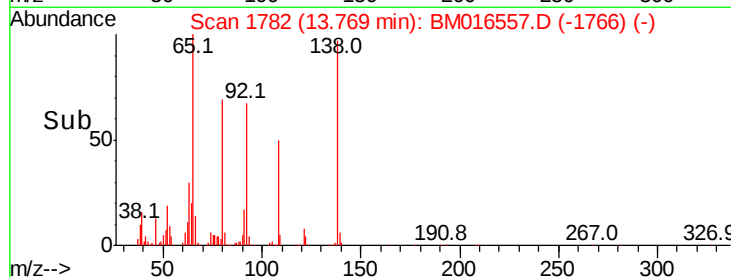
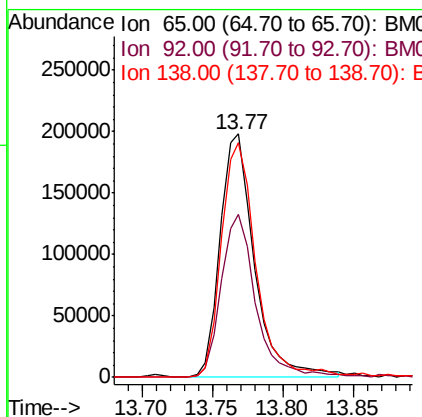
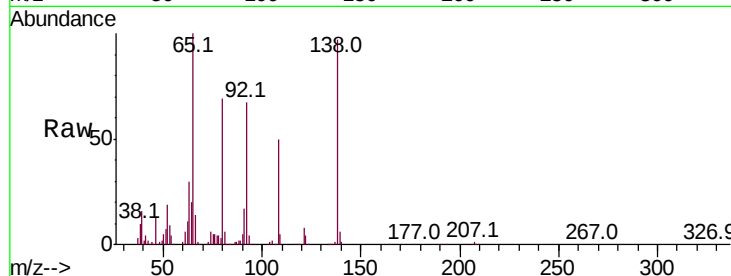
ClientSampleId :

OK-01-082118MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 337527 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 66.8  | 59.1  | 88.7   |
| 138       | 96.5  | 93.9  | 140.9  |

Manual Integrations  
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#48

Acenaphthylene

Concen: 51.038 ng

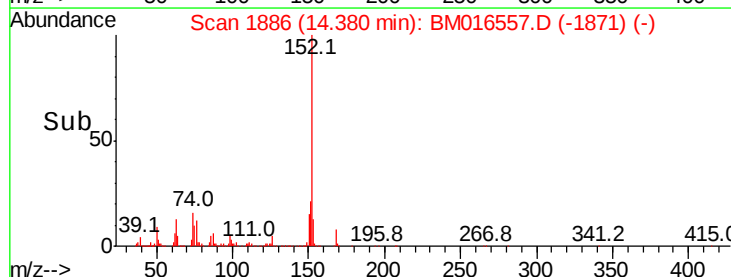
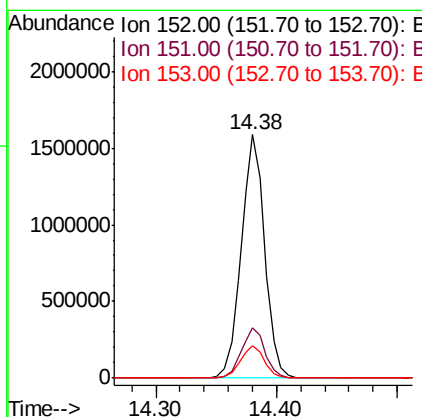
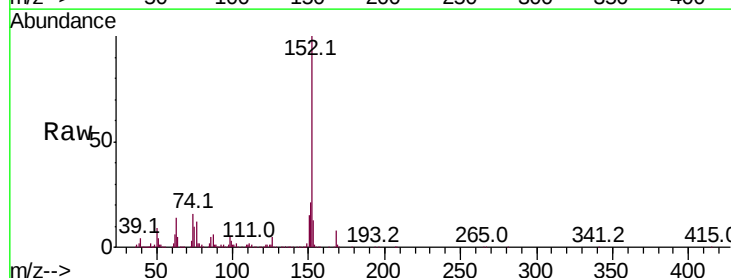
RT: 14.38 min Scan# 1886

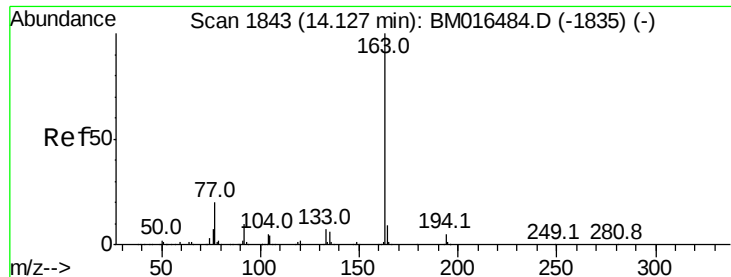
Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 2139434 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 20.8  | 15.9  | 23.9    |
| 153       | 13.4  | 10.6  | 16.0    |





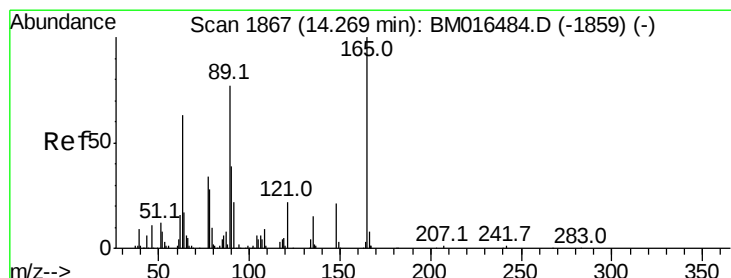
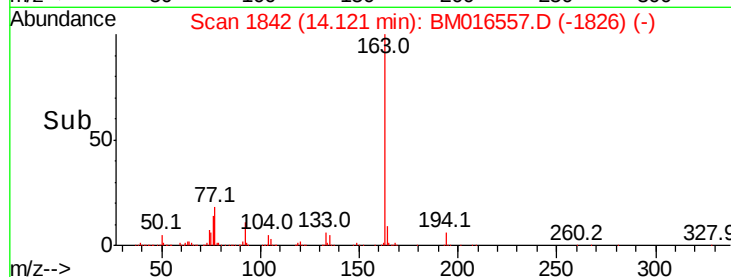
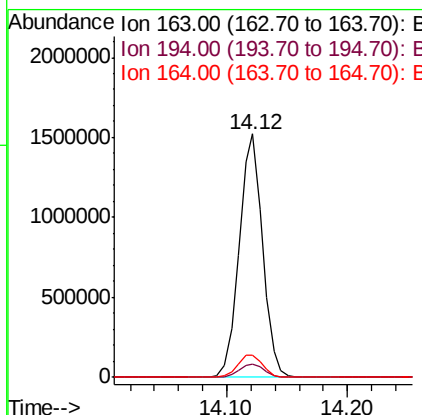
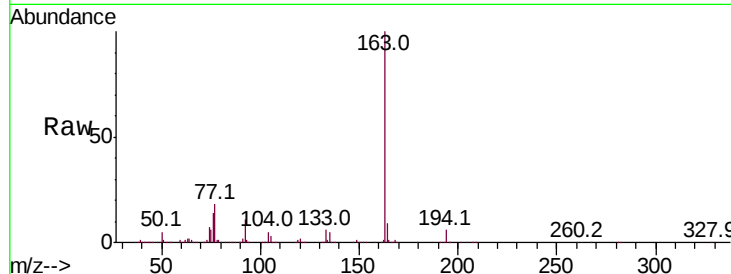
#49  
Dimethylphthalate  
Concen: 51.318 ng  
RT: 14.12 min Scan# 1842  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 5.6   | 2.7   | 4.1#  |
| 164     | 9.3   | 8.2   | 12.2  |

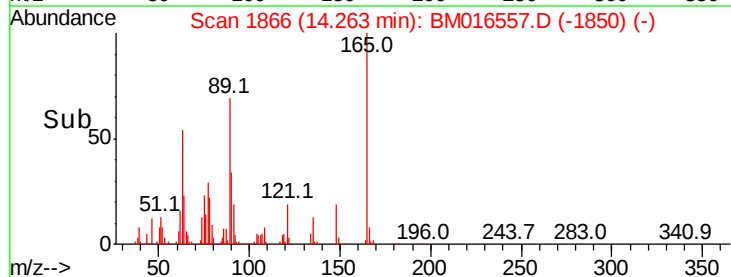
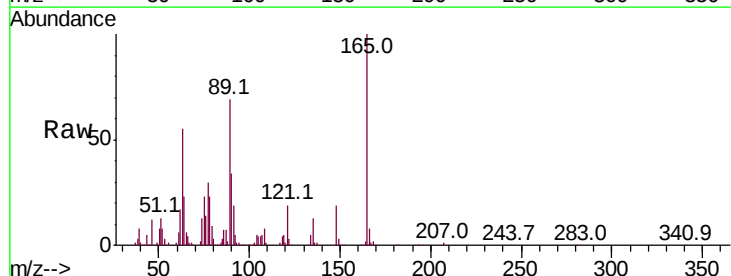
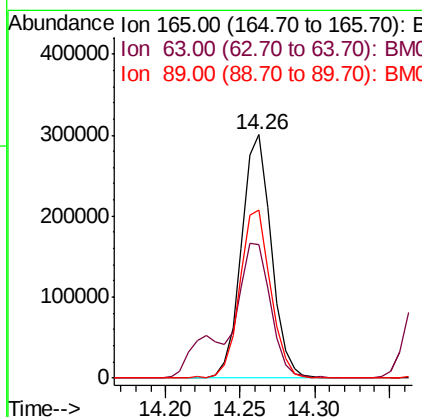
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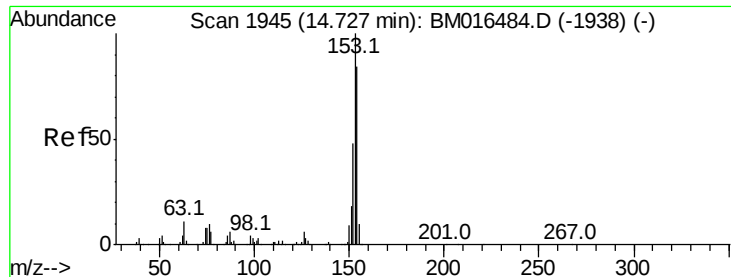
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#50  
2,6-Dinitrotoluene  
Concen: 53.145 ng  
RT: 14.26 min Scan# 1866  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 54.6  | 44.1  | 66.1  |
| 89      | 68.9  | 44.3  | 66.5# |





#51

Acenaphthene

Concen: 49.151 ng

RT: 14.72 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

OK-01-082118MSD

Tot Ion:154 Resp: 1265768

Ion Ratio Lower Upper

154 100

153 116.9 90.0 135.0

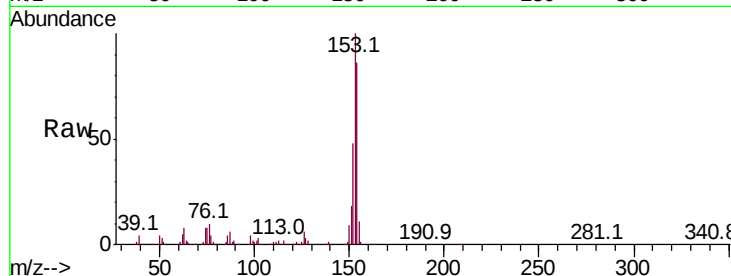
152 56.4 42.6 63.8

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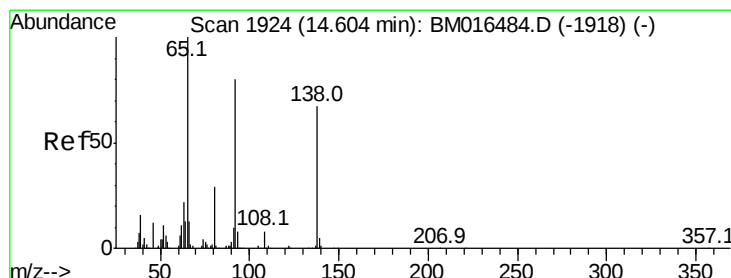
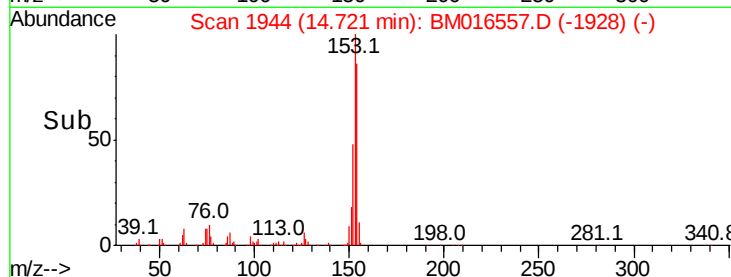
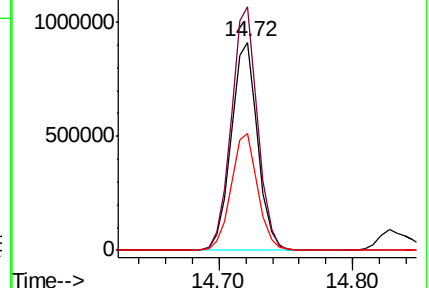
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.035 ng

RT: 14.60 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

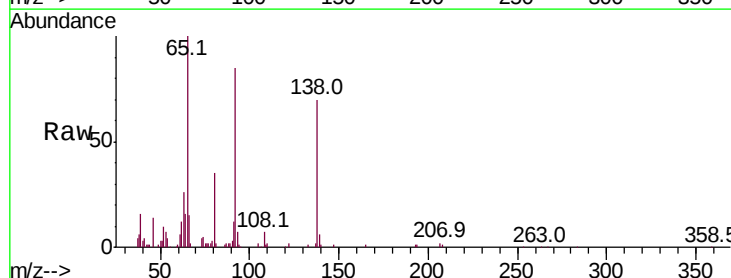
Tgt Ion:138 Resp: 106861

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

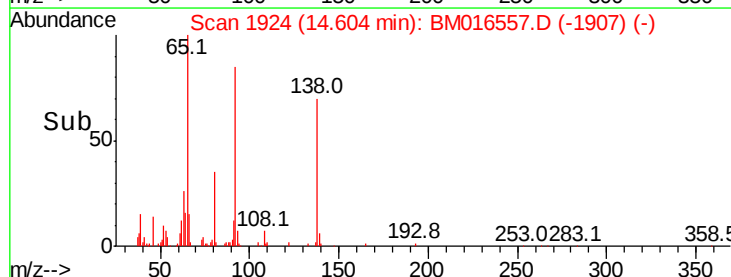
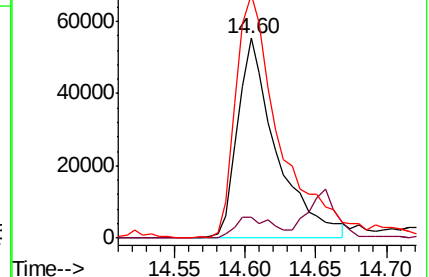
92 121.9 76.6 114.8#

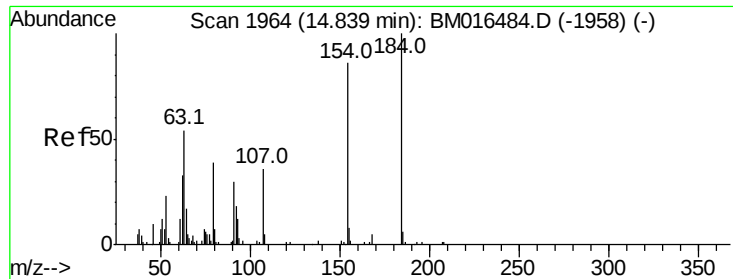


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





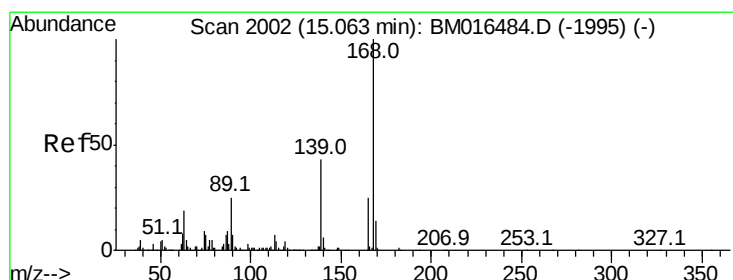
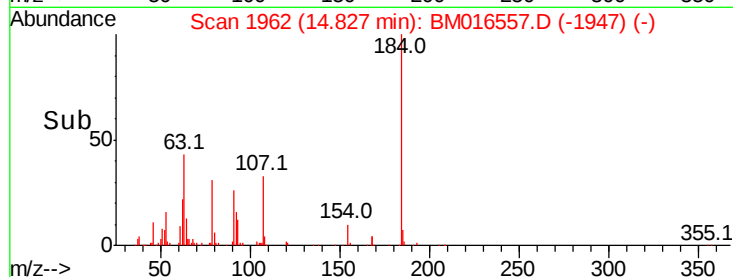
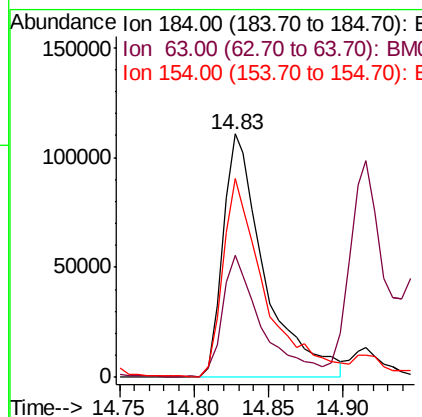
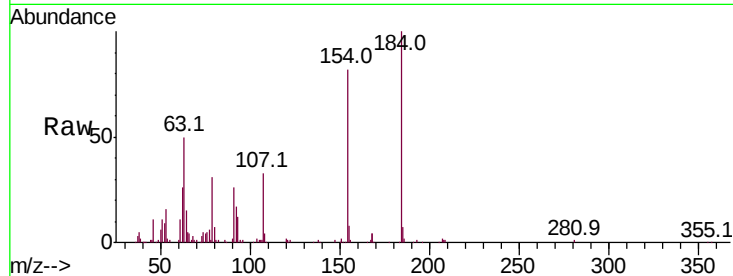
#53  
2,4-Dinitrophenol  
Concen: 55.261 ng  
RT: 14.83 min Scan# 1962  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 184     | 100   |      |        |       |
| 63      | 50.0  | 69.2 | 103.8# |       |
| 154     | 81.9  | 53.3 | 79.9#  |       |

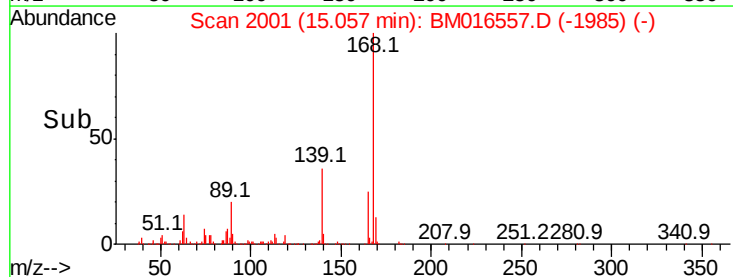
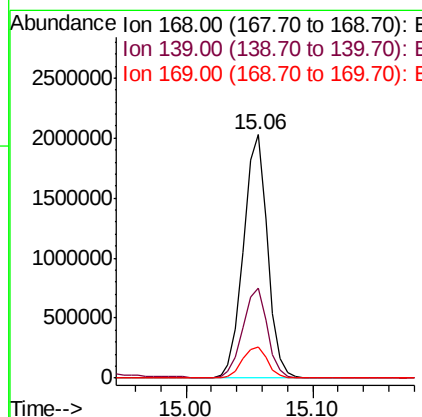
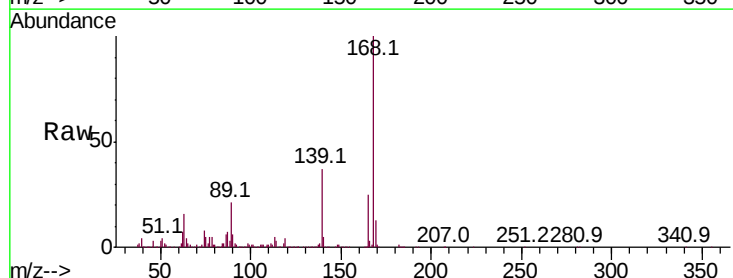
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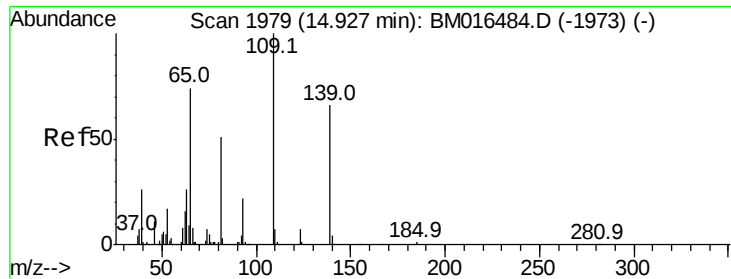
Sohil  
8/23/2018 6:39:31 PM



#54  
Dibenzofuran  
Concen: 53.868 ng  
RT: 15.06 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 37.2  | 27.3 | 40.9  |       |
| 169     | 12.8  | 10.6 | 16.0  |       |





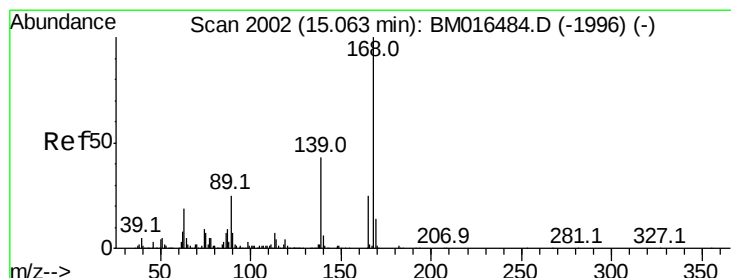
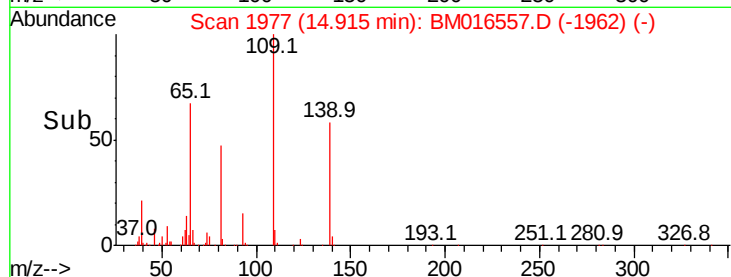
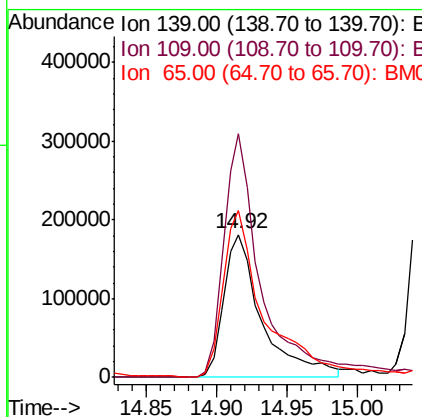
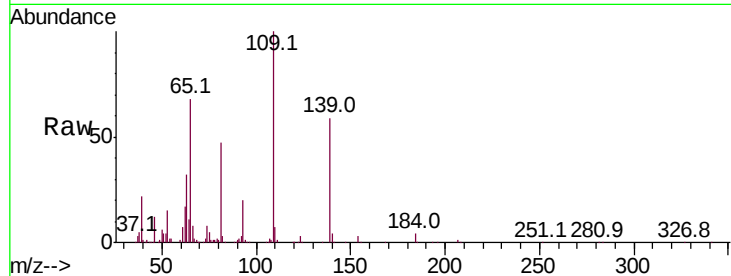
#55  
4-Nitrophenol  
Concen: 75.636 ng  
RT: 14.92 min Scan# 1977  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 139     | 100   |       |        |       |
| 109     | 170.9 | 130.0 | 170.0# |       |
| 65      | 116.7 | 130.0 | 170.0# |       |

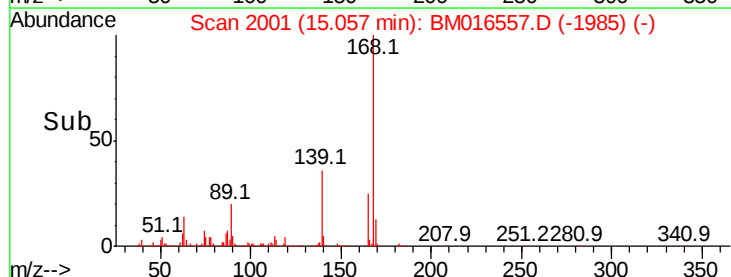
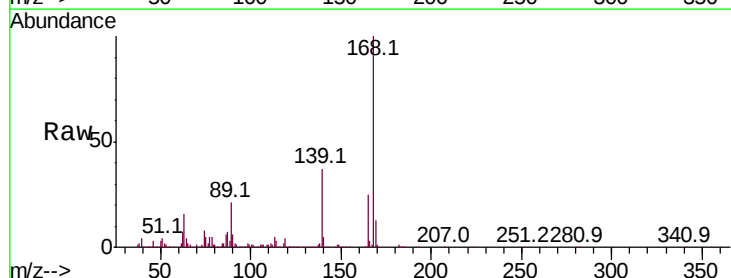
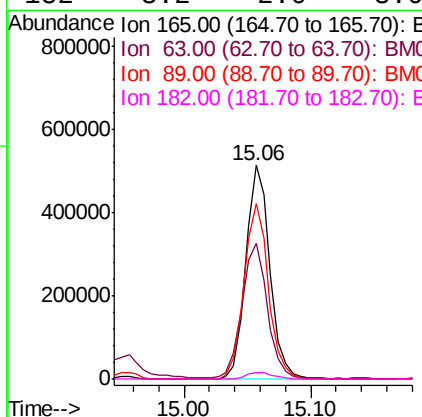
Manual Integrations  
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8/23/2018 6:39:31 PM



#56  
2,4-Dinitrotoluene  
Concen: 51.638 ng  
RT: 15.06 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 63.4  | 52.4 | 78.6  |       |
| 89      | 81.8  | 72.4 | 108.6 |       |
| 182     | 3.2   | 2.0  | 3.0#  |       |





#57

Fluorene

Concen: 57.862 ng

RT: 15.70 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

OK-01-082118MSD

Tot Ion:166 Resp: 2154875

Ion Ratio Lower Upper

166 100

165 97.2 79.0 118.4

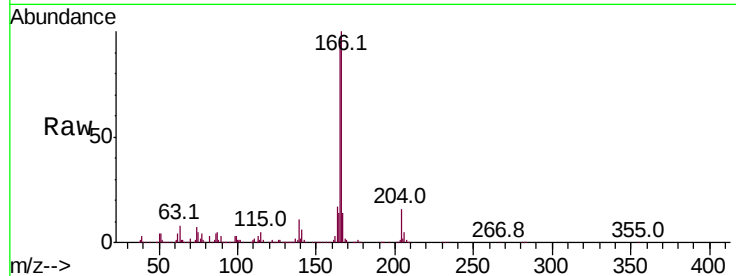
167 13.9 10.3 15.5

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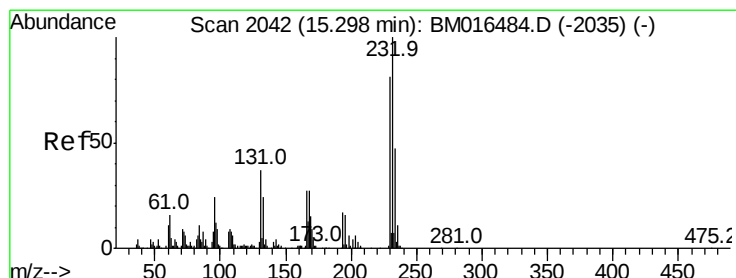
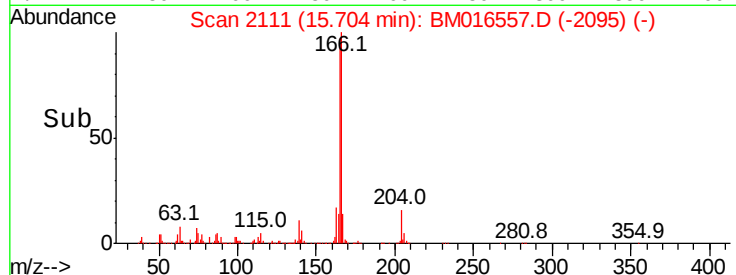
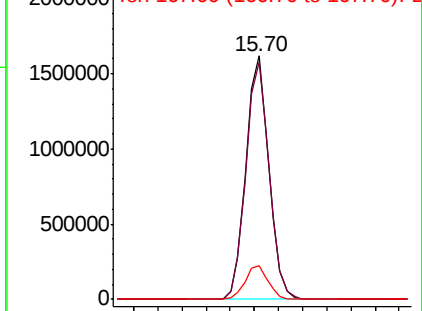


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.559 ng

RT: 15.29 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Tgt Ion:232 Resp: 787230

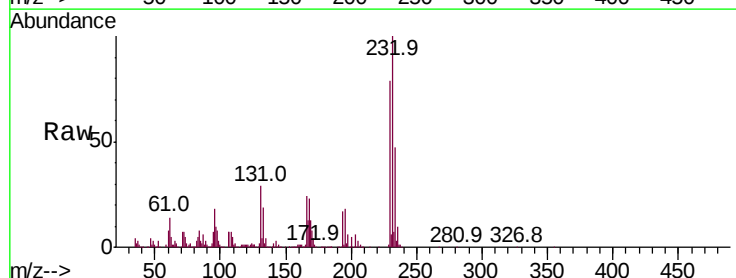
Ion Ratio Lower Upper

232 100

131 30.0 0.0 0.0#

130 2.2 0.0 0.0#

166 24.9 0.0 0.0#



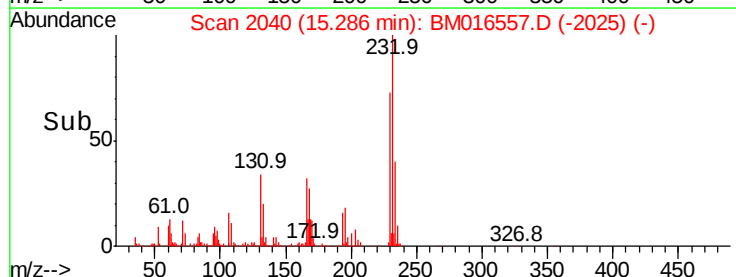
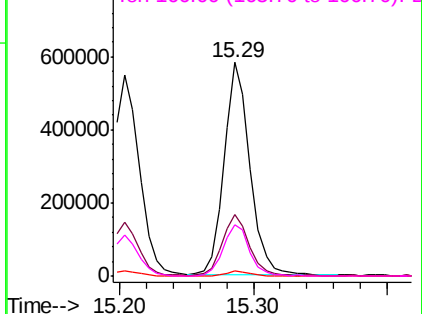
Abundance

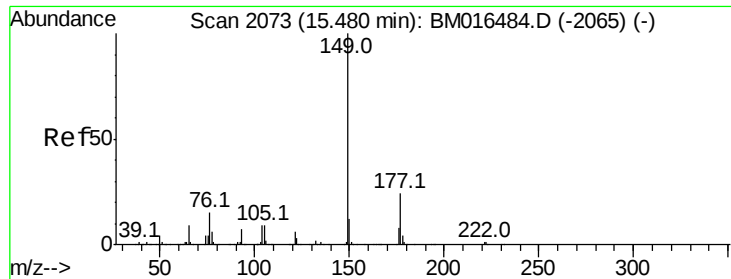
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





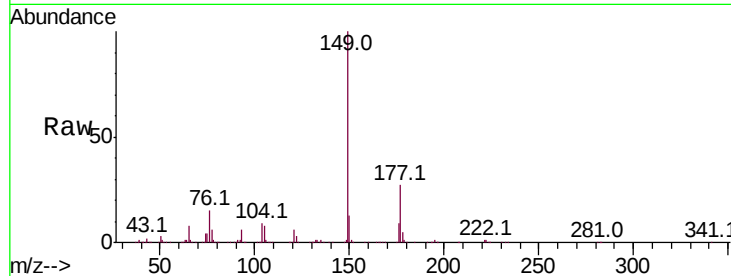
#59  
Diethylphthalate  
Concen: 46.779 ng  
RT: 15.47 min Scan# 2072  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 26.8  | 18.3  | 27.5  |
| 150     | 12.6  | 9.8   | 14.8  |

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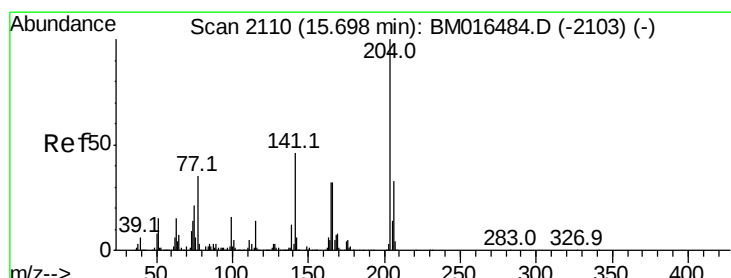
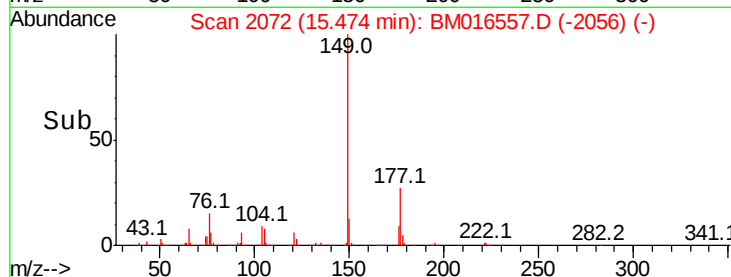
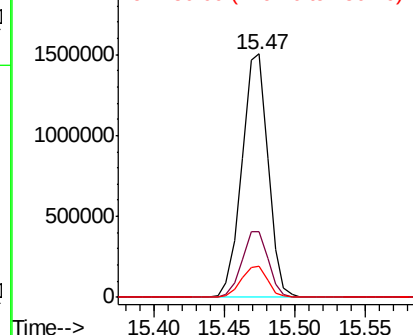


Abundance

Ion 149.00 (148.70 to 149.70): E

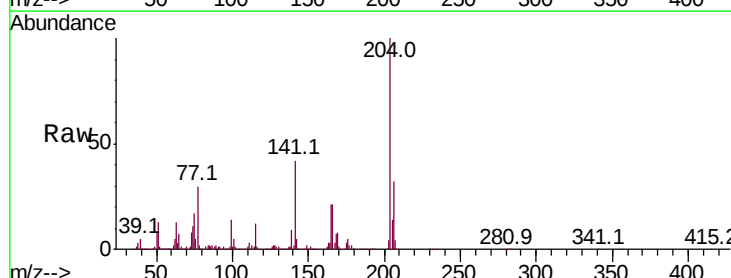
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60  
4-Chlorophenyl-phenylether  
Concen: 54.652 ng  
RT: 15.69 min Scan# 2108  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.1  | 26.6  | 39.8  |
| 141     | 41.8  | 45.2  | 67.8# |

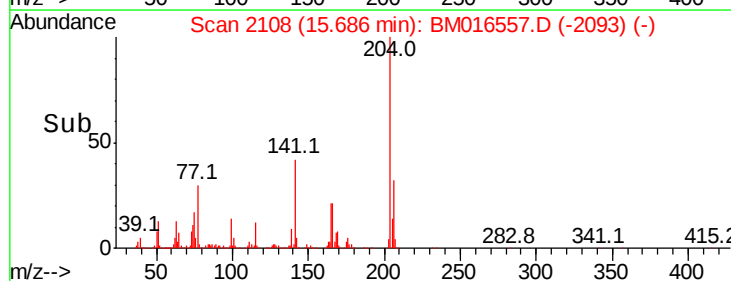
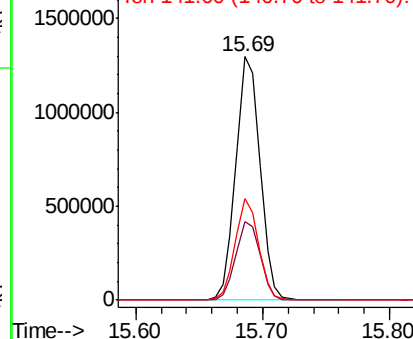


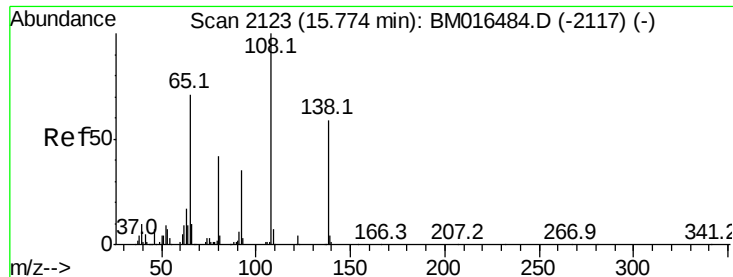
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





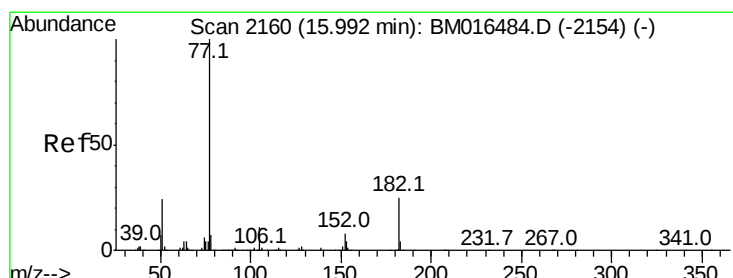
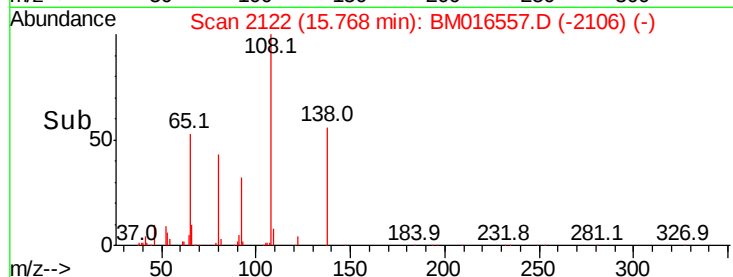
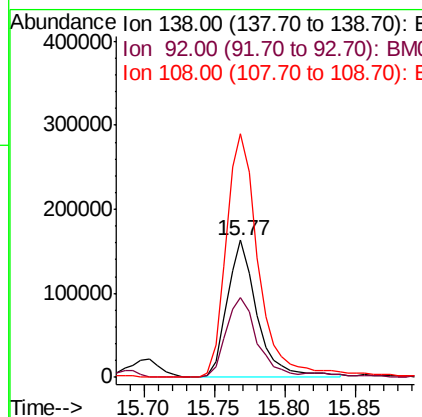
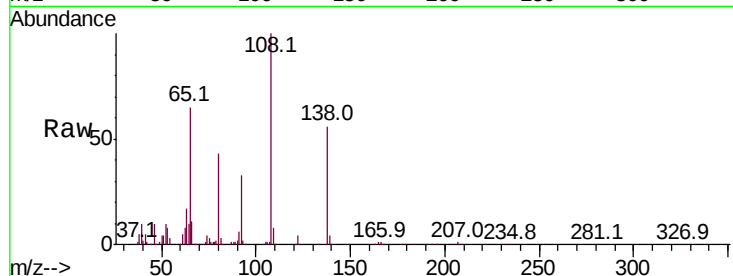
#61  
4-Nitroaniline  
Concen: 34.963 ng  
RT: 15.77 min Scan# 2122  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 58.0  | 16.7  | 56.7# |
| 108     | 177.3 | 37.6  | 77.6# |

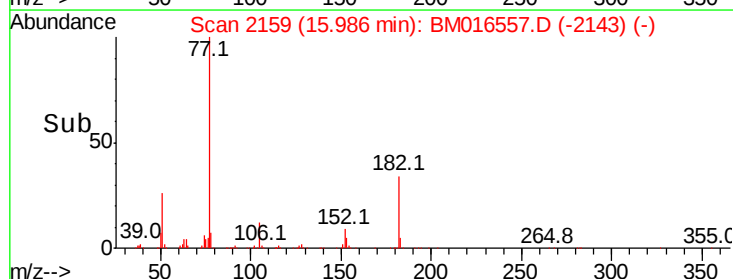
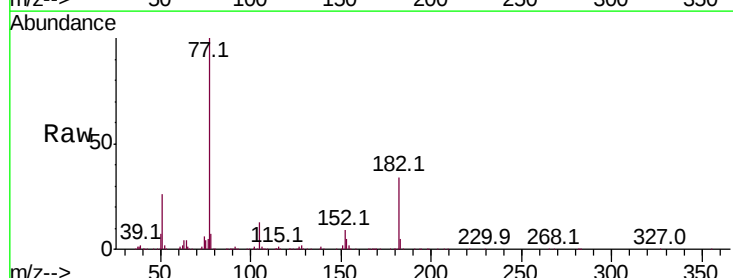
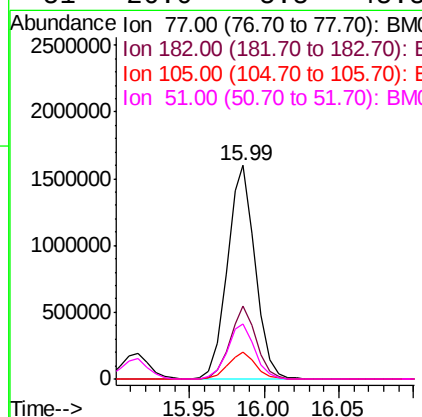
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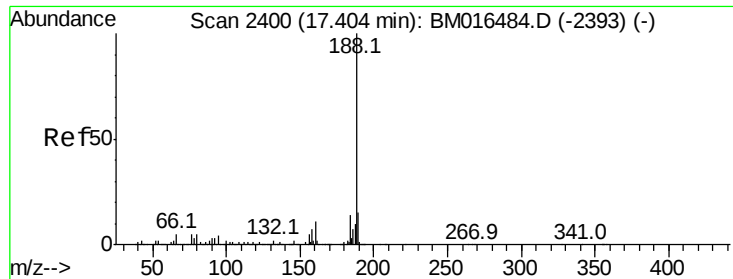
Sohil  
8/23/2018 6:39:31 PM



#62  
Azobenzene  
Concen: 46.764 ng  
RT: 15.99 min Scan# 2159  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 34.1  | 6.5   | 46.5  |
| 105     | 12.5  | 3.8   | 43.8  |
| 51      | 26.0  | 5.5   | 45.5  |





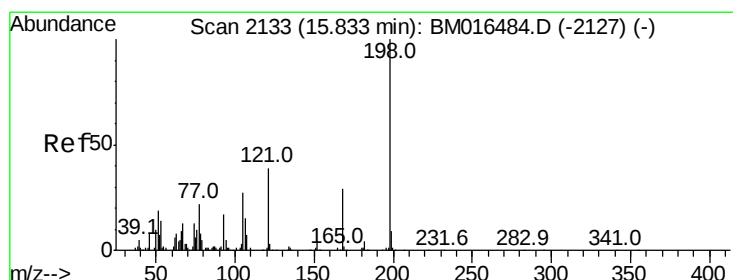
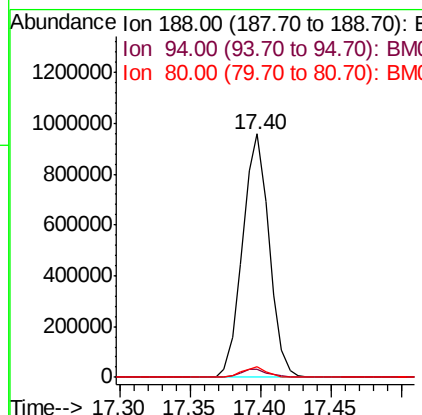
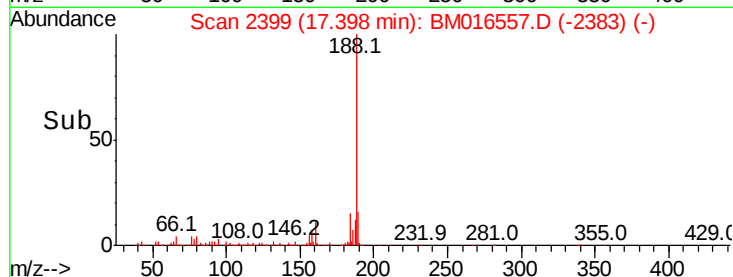
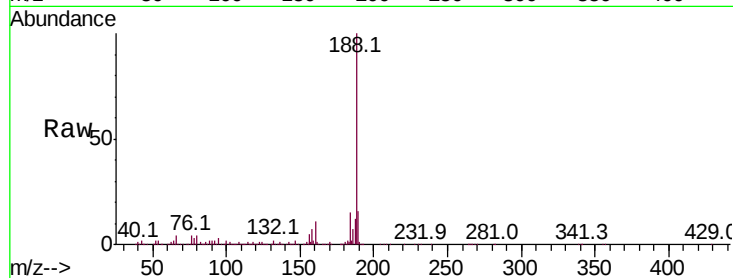
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2399  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 3.4   | 8.7   | 13.1# |
| 80      | 4.1   | 9.3   | 13.9# |

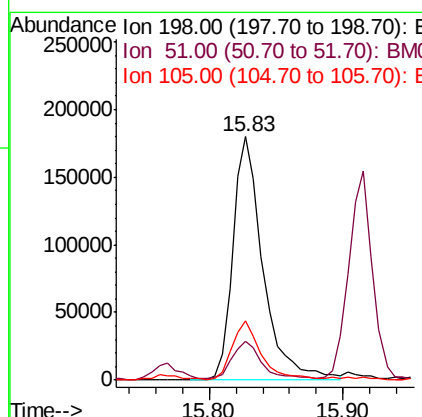
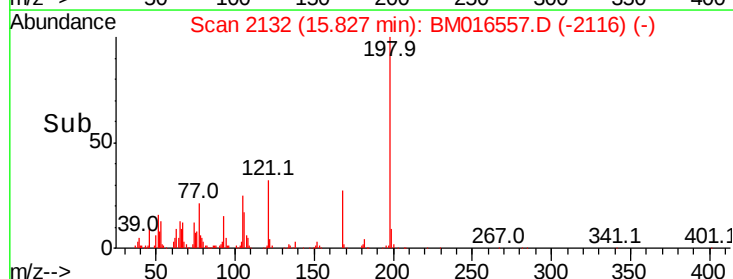
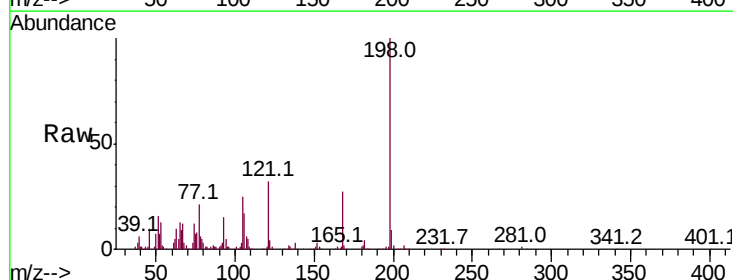
Manual Integrations  
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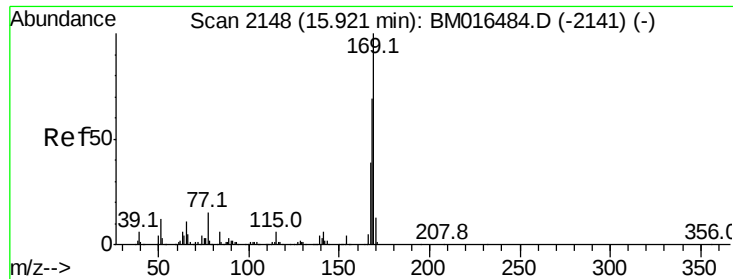
Sohil  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 29.494 ng  
RT: 15.83 min Scan# 2132  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 16.0  | 28.8  | 68.8# |
| 105     | 24.6  | 30.5  | 70.5# |





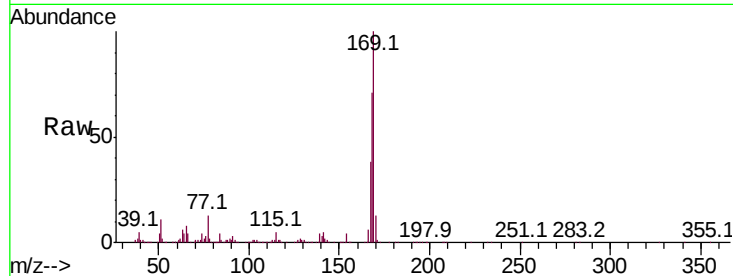
#65  
n-Nitrosodiphenylamine  
Concen: 50.802 ng  
RT: 15.92 min Scan# 2147  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.9  | 53.9  | 80.9  |
| 167     | 37.5  | 28.9  | 43.3  |

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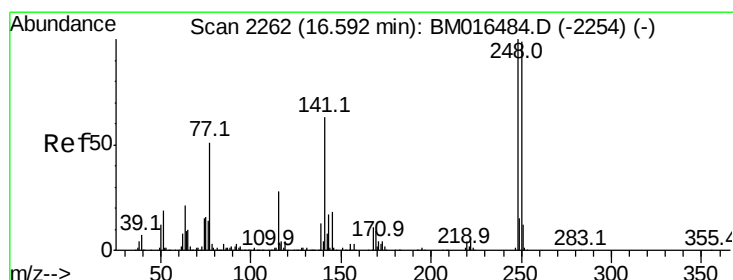
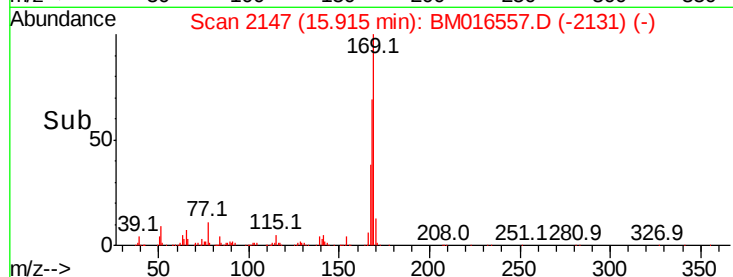
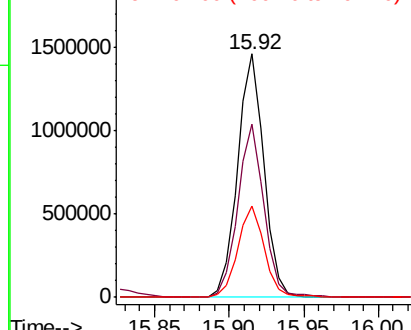


Abundance

Ion 169.00 (168.70 to 169.70): E

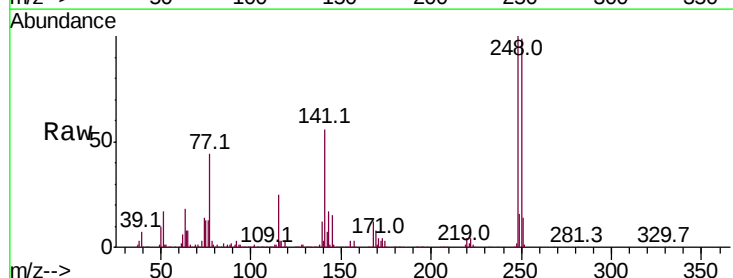
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66  
4-Bromophenyl-phenylether  
Concen: 54.899 ng  
RT: 16.58 min Scan# 2260  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.8  | 77.4  | 116.0 |
| 141     | 56.1  | 45.2  | 67.8  |

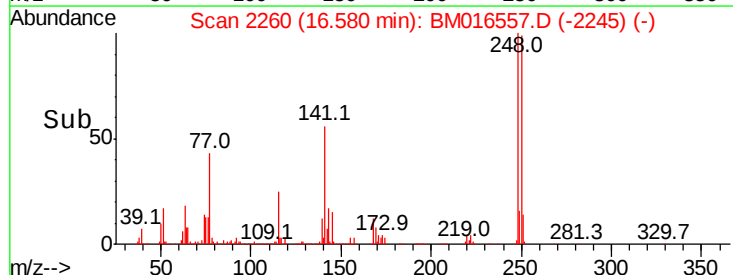
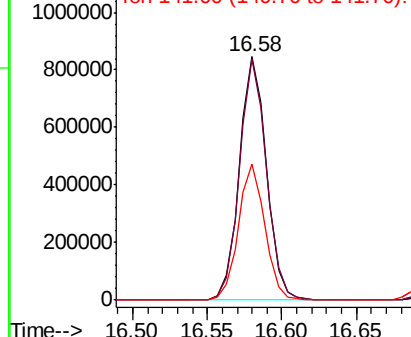


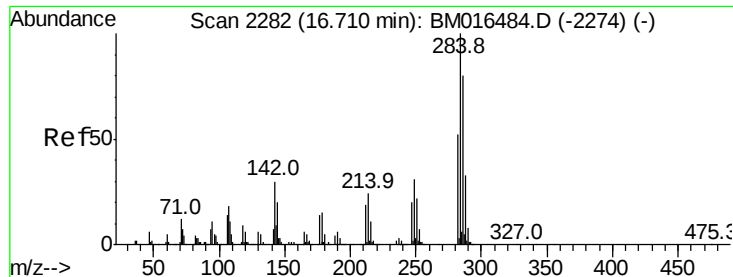
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 53.716 ng

RT: 16.70 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

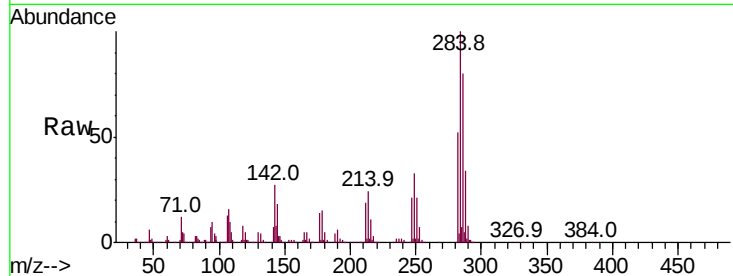
ClientSampleId :

OK-01-082118MSD

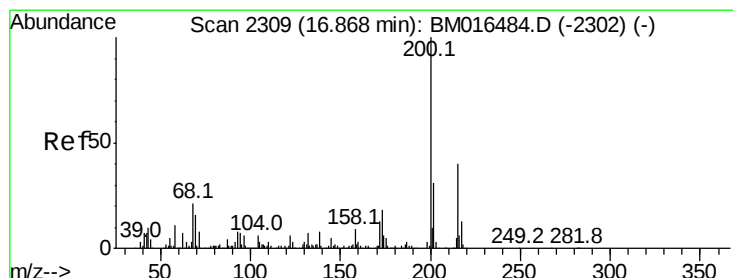
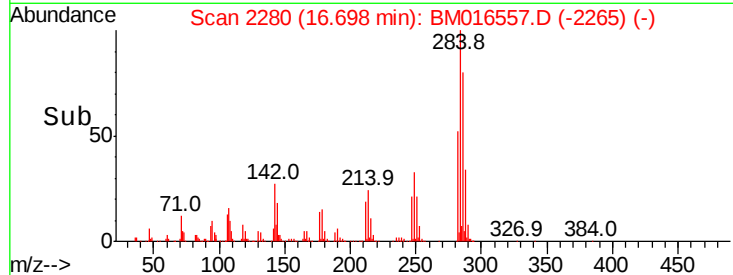
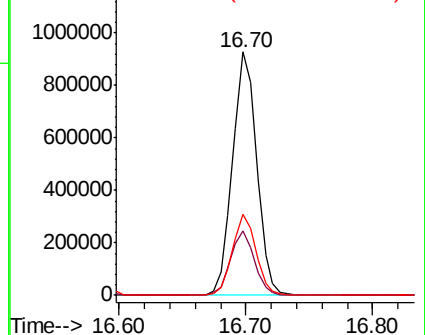
|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 284   | Resp: | 1216247 |
| Ion Ratio | Lower | Upper |         |
| 284       | 100   |       |         |
| 142       | 26.6  | 20.4  | 30.6    |
| 249       | 33.2  | 23.8  | 35.6    |

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



#68

Atrazine

Concen: 61.120 ng

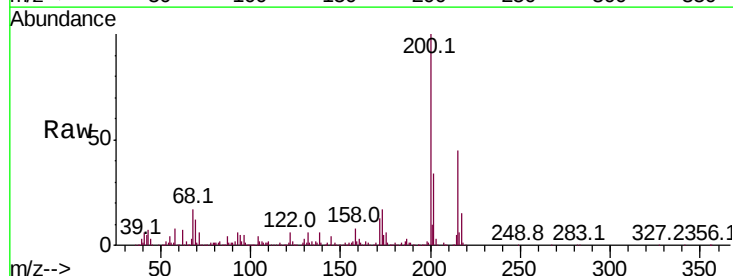
RT: 16.86 min Scan# 2308

Delta R.T. -0.01 min

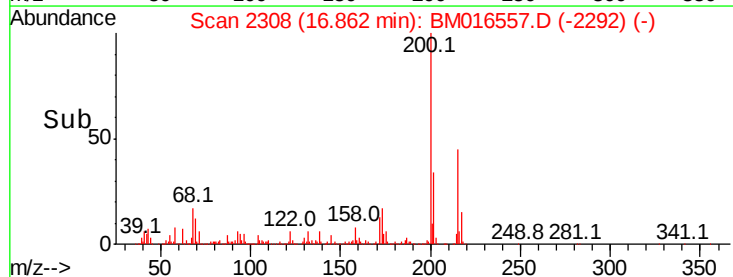
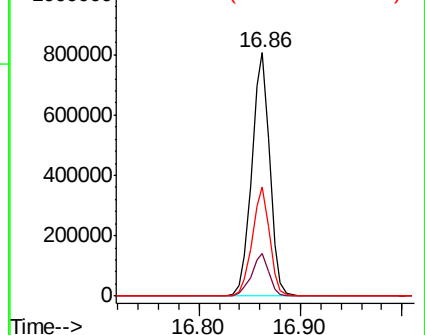
Lab File: BM016557.D

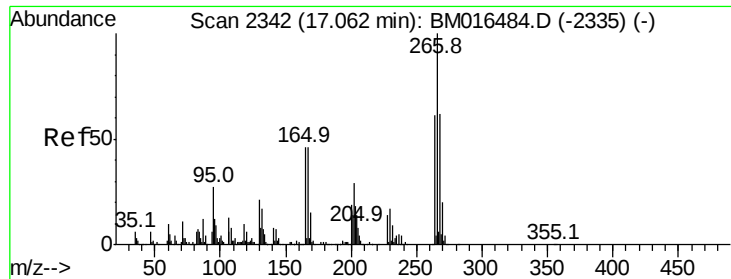
Acq: 23 Aug 2018 15:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 991545 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 17.3  | 4.8   | 44.8   |
| 215       | 44.9  | 26.9  | 66.9   |



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





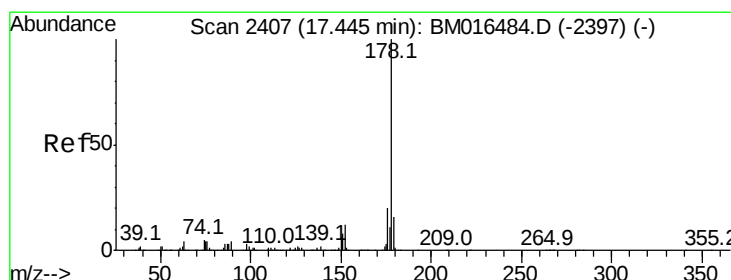
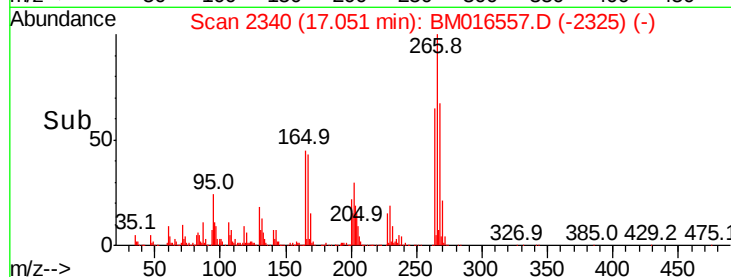
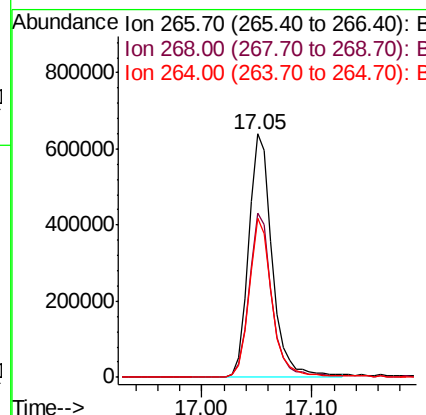
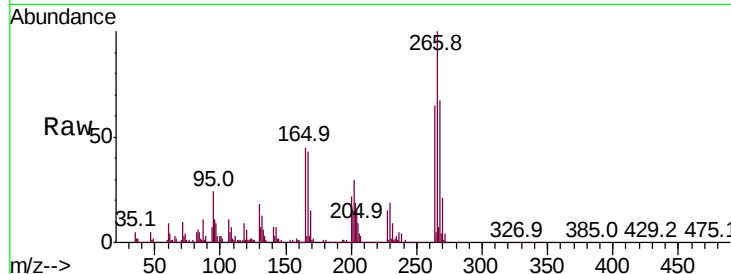
#69  
 Pentachlorophenol  
 Concen: 79.924 ng  
 RT: 17.05 min Scan# 2340  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 957493 |       |       |
| 268     | 67.3  | 52.0   | 78.0  |       |
| 264     | 65.3  | 49.0   | 73.4  |       |

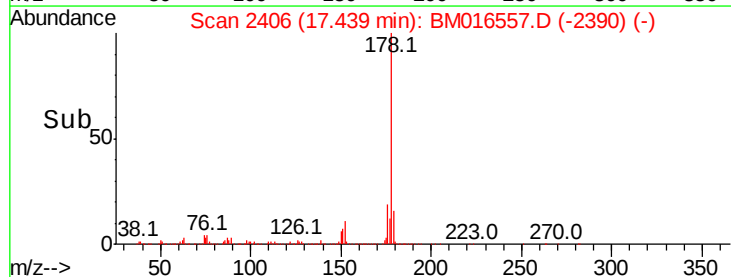
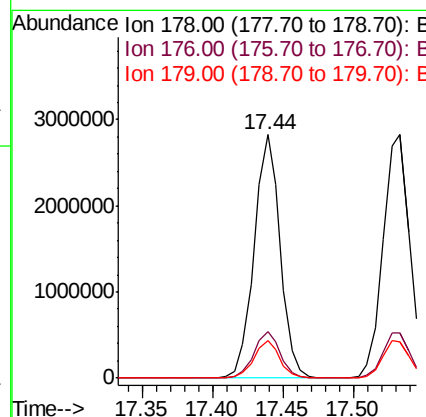
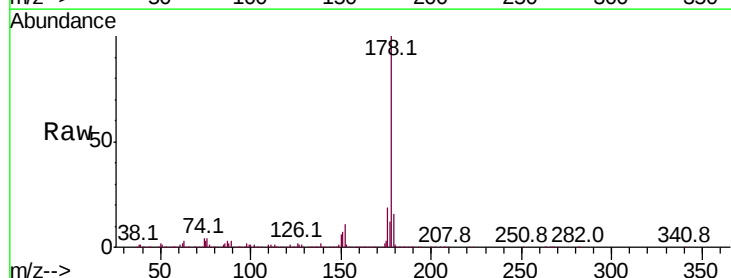
Manual Integrations  
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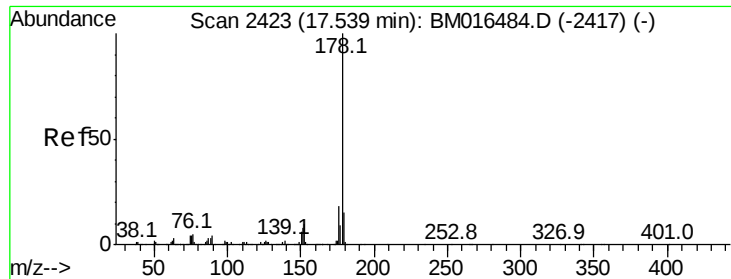
Sohil  
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#70  
 Phenanthrene  
 Concen: 56.022 ng  
 RT: 17.44 min Scan# 2406  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 3658772 |       |       |
| 176     | 19.2  | 15.2    | 22.8  |       |
| 179     | 15.7  | 12.1    | 18.1  |       |





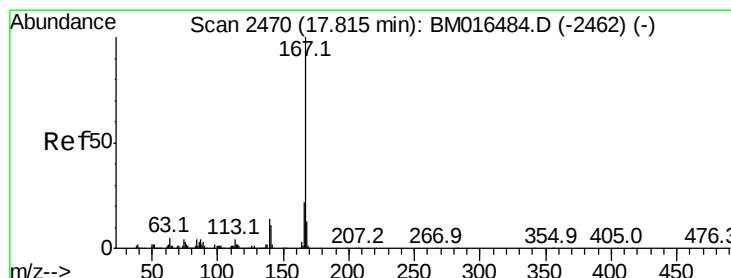
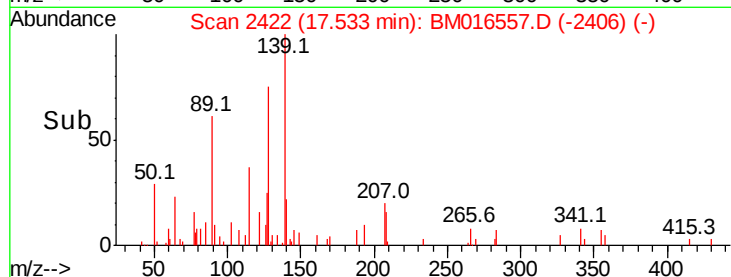
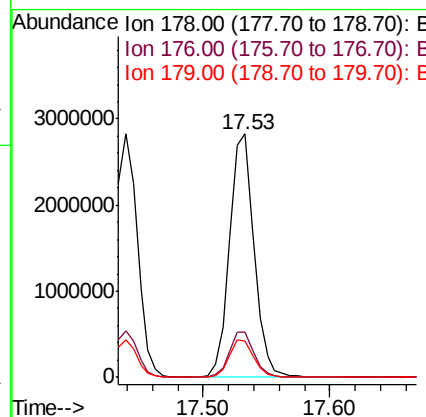
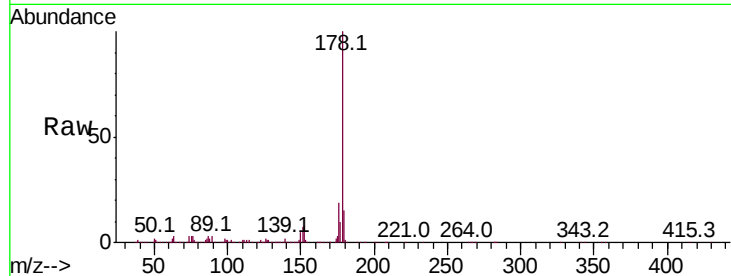
#71  
 Anthracene  
 Concen: 58.015 ng  
 RT: 17.53 min Scan# 2422  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 14.6  | 22.0  |
| 179     | 14.9  | 12.6  | 19.0  |

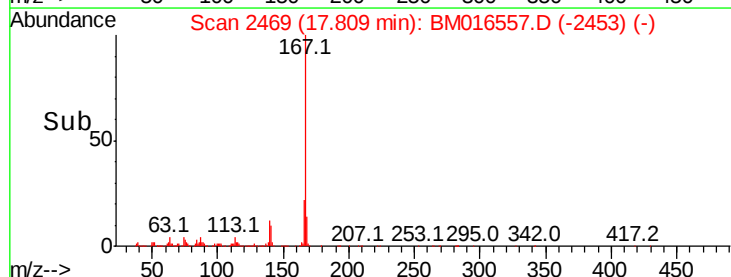
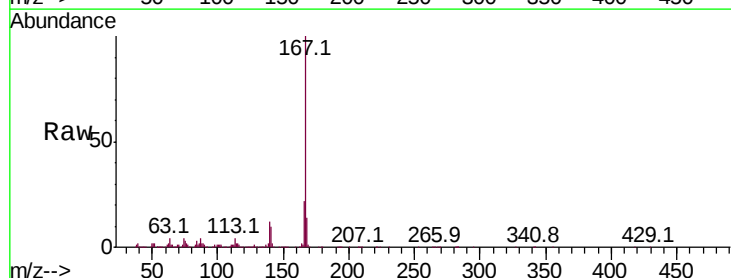
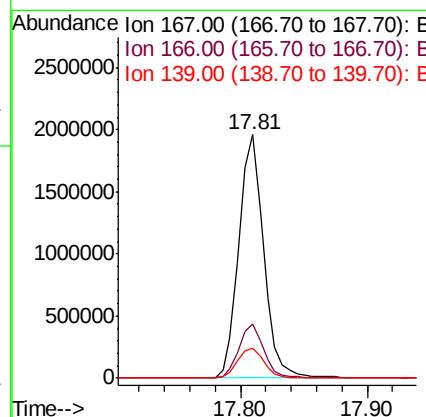
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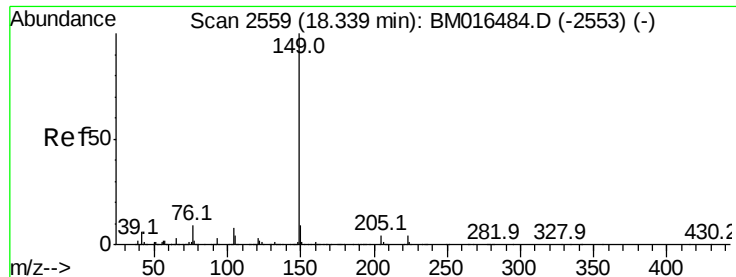
Sohil  
 8/23/2018 6:39:31 PM



#72  
 Carbazole  
 Concen: 45.559 ng  
 RT: 17.81 min Scan# 2469  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.2  | 25.8  |
| 139     | 12.1  | 10.8  | 16.2  |





#73

Di-n-butylphthalate

Concen: 46.409 ng

RT: 18.33 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

ClientSampleId :

OK-01-082118MSD

Tot Ion:149 Resp: 3297508

Ion Ratio Lower Upper

149 100

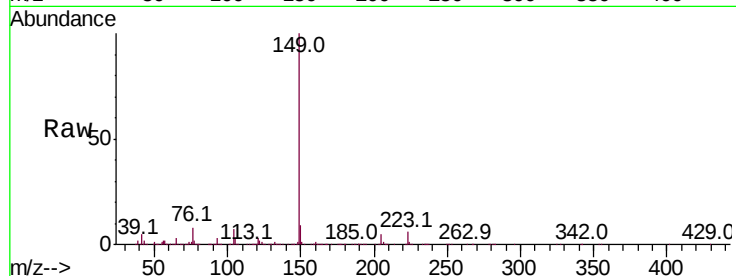
150 8.9 7.5 11.3

104 7.3 3.7 5.5#

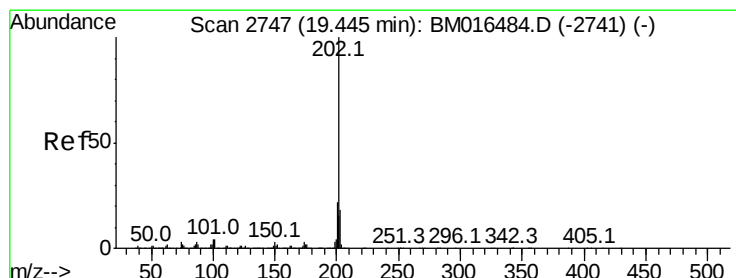
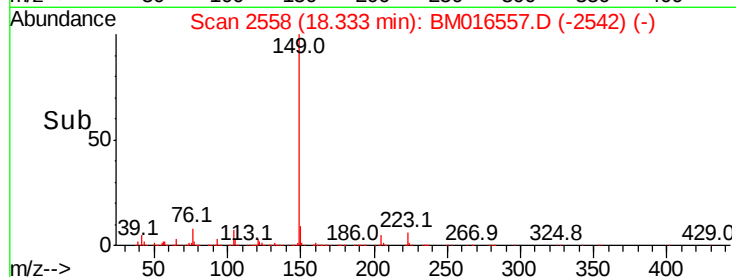
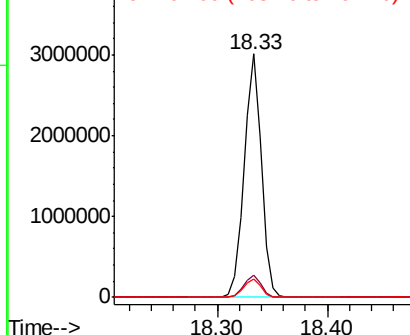
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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 54.792 ng

RT: 19.44 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

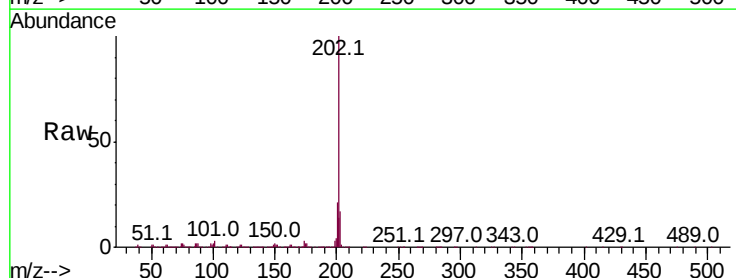
Tgt Ion:202 Resp: 5246783

Ion Ratio Lower Upper

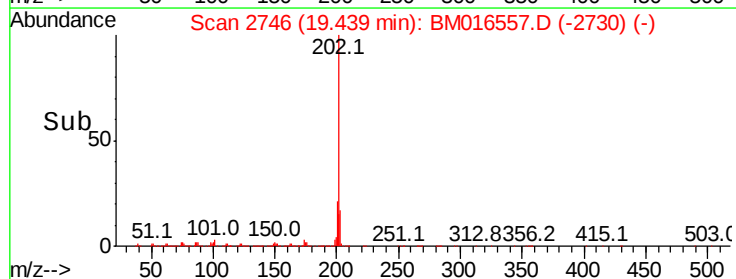
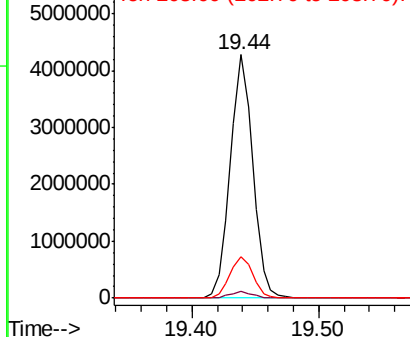
202 100

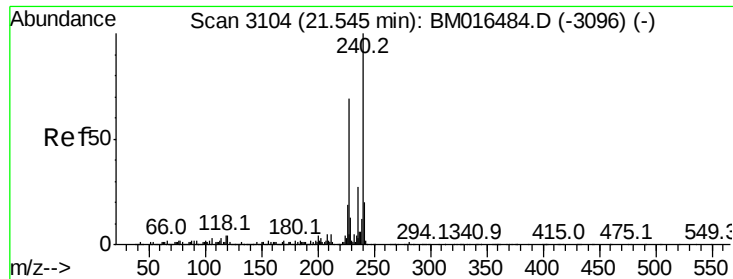
101 2.8 0.0 28.7

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# 3104

Delta R.T. -0.00 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

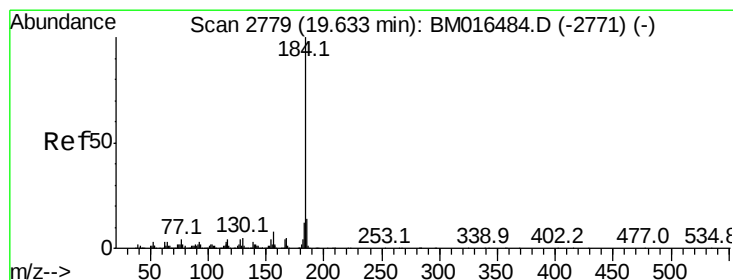
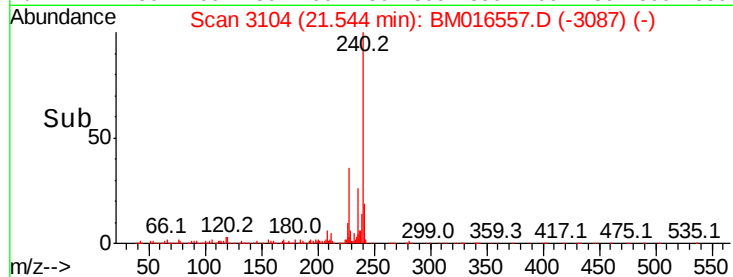
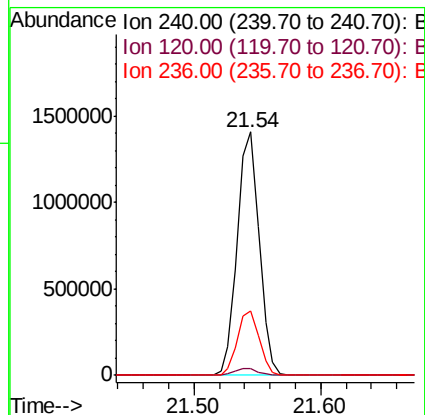
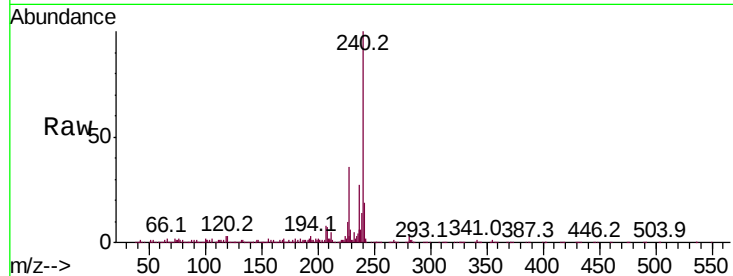
ClientSampleId :

OK-01-082118MSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 240   | Resp: | 1679653 |
| Ion Ratio | Lower | Upper |         |
| 240       | 100   |       |         |
| 120       | 2.6   | 8.2   | 12.2#   |
| 236       | 26.5  | 20.0  | 30.0    |

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#76

Benzidine

Concen: 30.723 ng

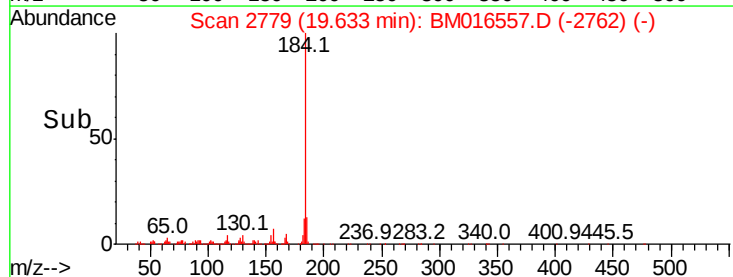
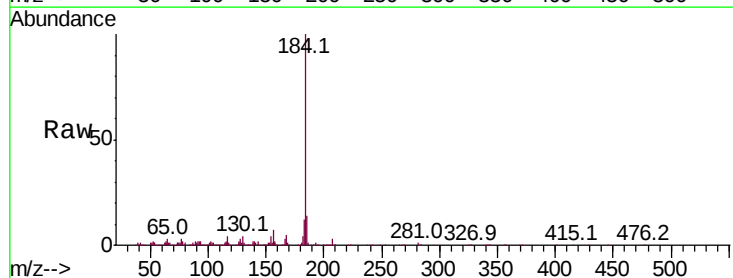
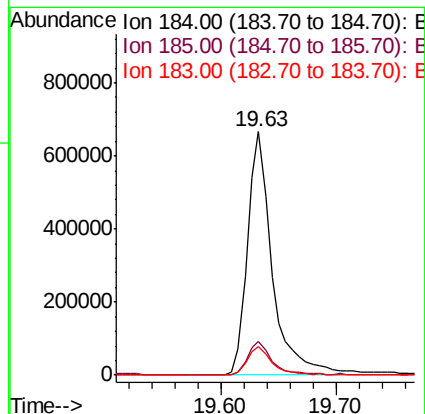
RT: 19.63 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 992409 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.8  | 11.3  | 16.9   |
| 183       | 11.6  | 8.9   | 13.3   |





#77

Pvrene

Concen: 58.455 ng

RT: 19.80 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

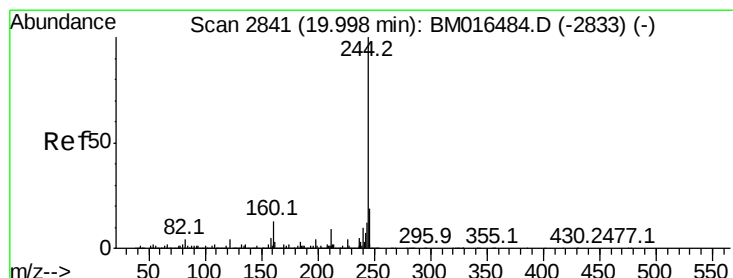
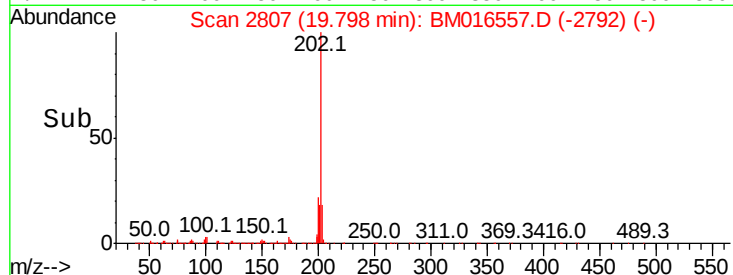
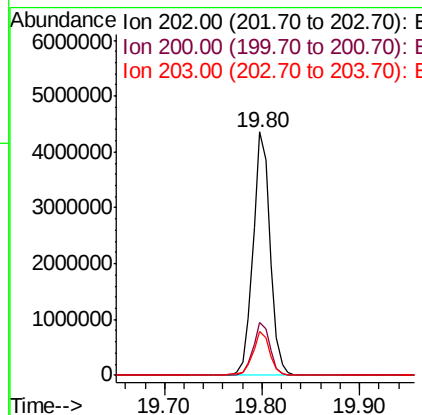
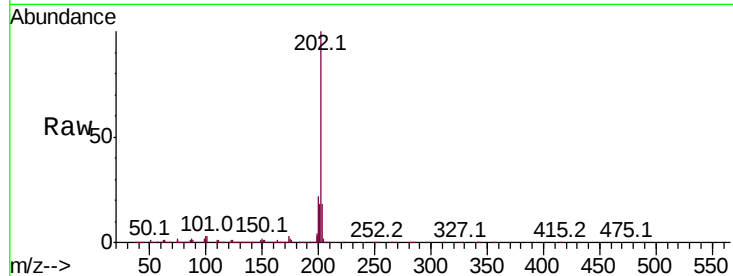
ClientSampleId :

OK-01-082118MSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 5335952 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.9  | 16.9  | 25.3    |
| 203       | 18.1  | 14.1  | 21.1    |

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#78

Terphenyl-d14

Concen: 132.908 ng

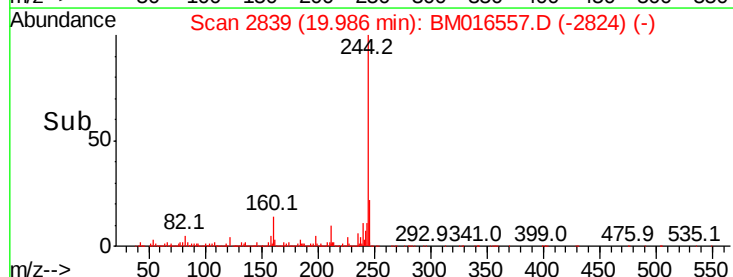
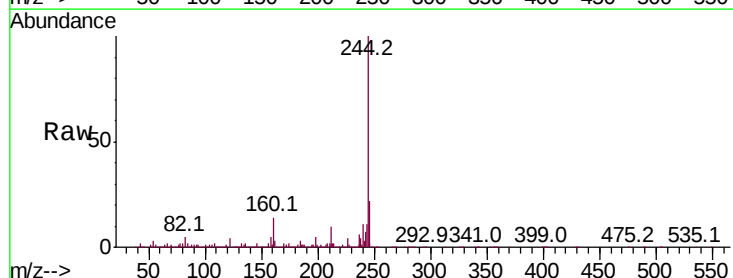
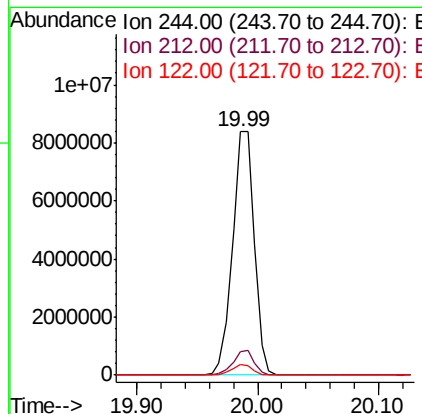
RT: 19.99 min Scan# 2839

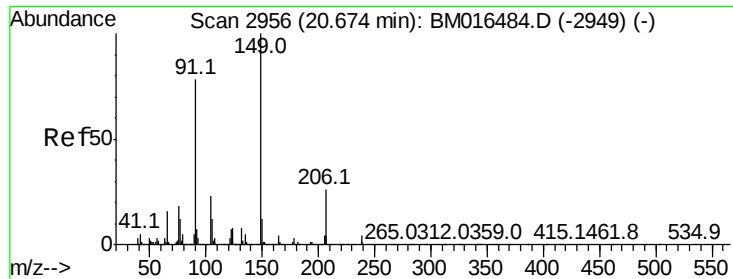
Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

|           |       |       |          |
|-----------|-------|-------|----------|
| Tgt Ion:  | 244   | Resp: | 10547223 |
| Ion Ratio | Lower | Upper |          |
| 244       | 100   |       |          |
| 212       | 9.9   | 4.9   | 7.3#     |
| 122       | 4.3   | 6.2   | 9.4#     |





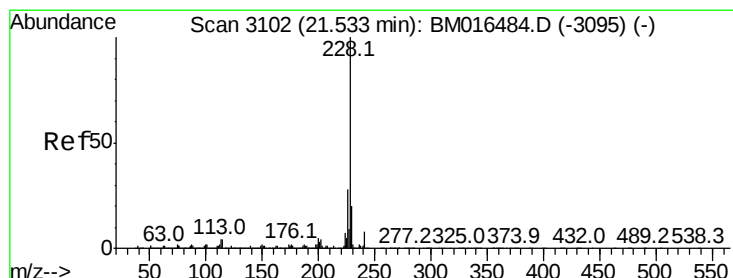
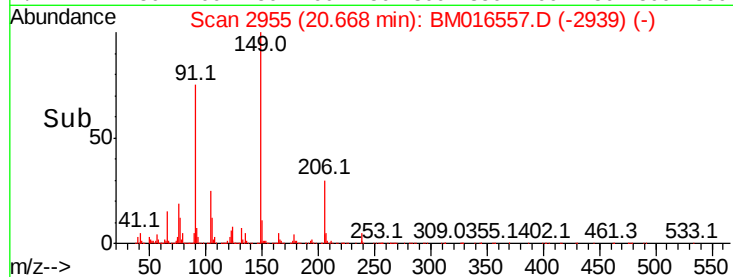
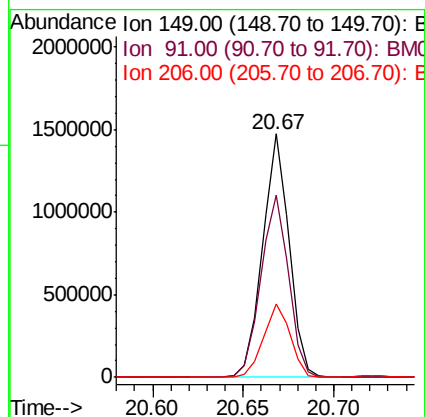
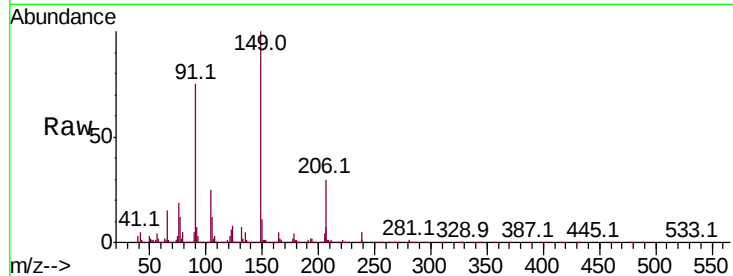
#79  
Butylbenzylphthalate  
Concen: 47.588 ng  
RT: 20.67 min Scan# 2955  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 74.9  | 50.1  | 75.1  |
| 206     | 30.2  | 16.2  | 24.2  |

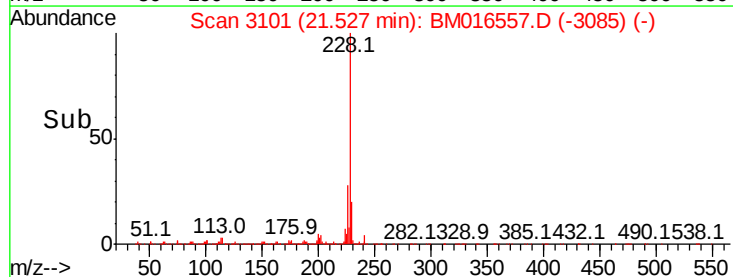
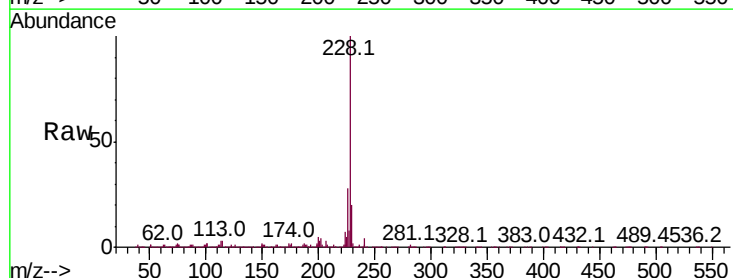
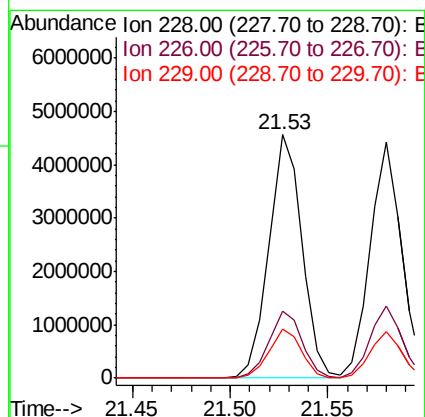
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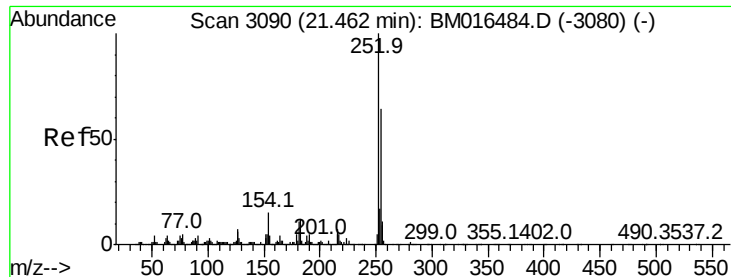
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#80  
Benzo(a)anthracene  
Concen: 54.446 ng  
RT: 21.53 min Scan# 3101  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.5  | 21.7  | 32.5  |
| 229     | 20.1  | 16.0  | 24.0  |





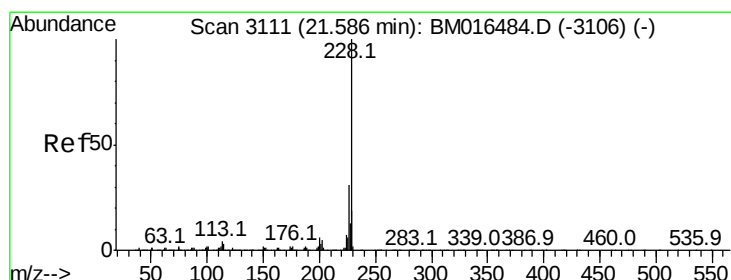
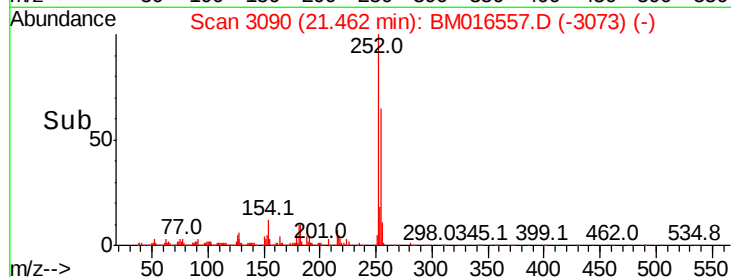
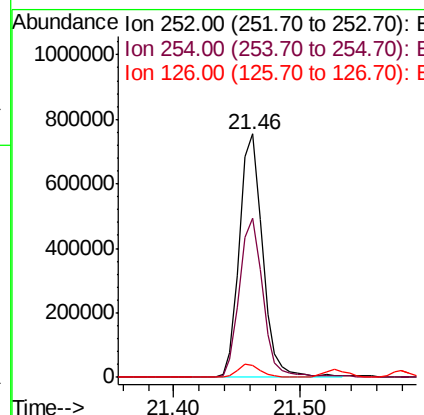
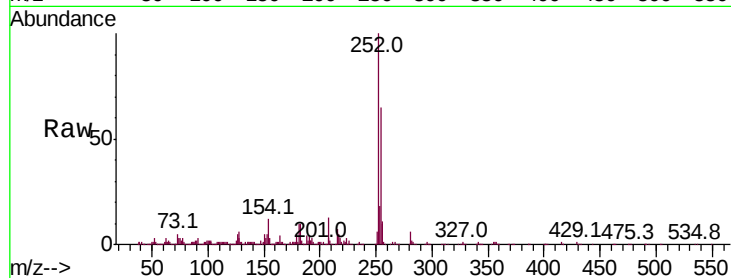
#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.686 ng  
 RT: 21.46 min Scan# 3090  
 Delta R.T. -0.00 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.4  | 51.9  | 77.9  |
| 126     | 5.0   | 9.8   | 14.8# |

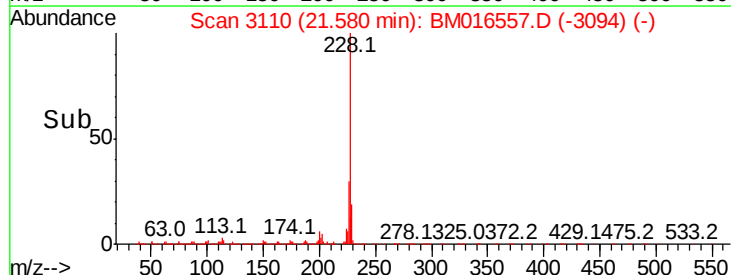
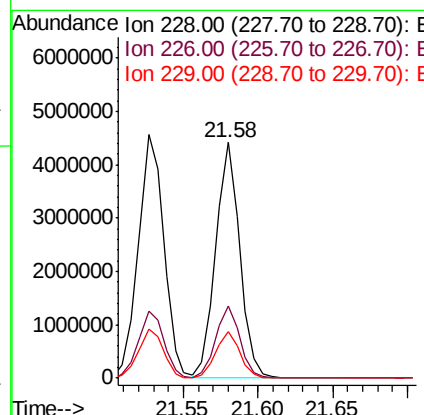
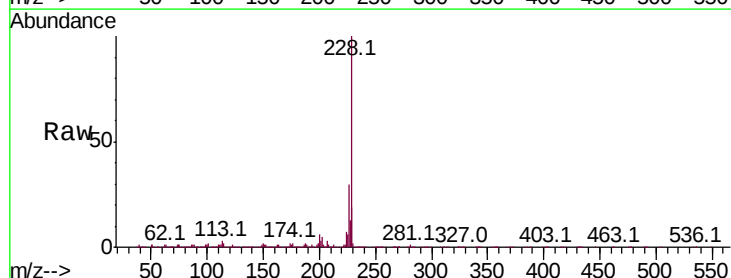
Manual Integrations  
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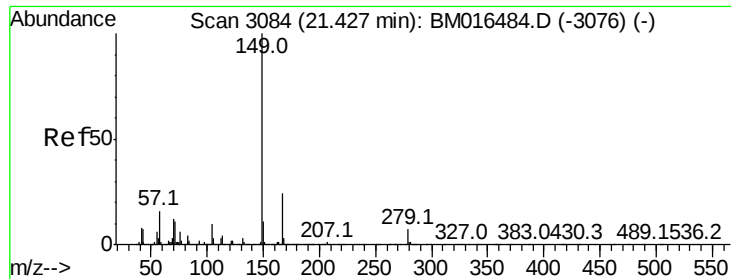
Sohil  
 8/23/2018 6:39:31 PM



#82  
 Chrysene  
 Concen: 52.703 ng  
 RT: 21.58 min Scan# 3110  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 24.1  | 36.1  |
| 229     | 19.5  | 15.5  | 23.3  |





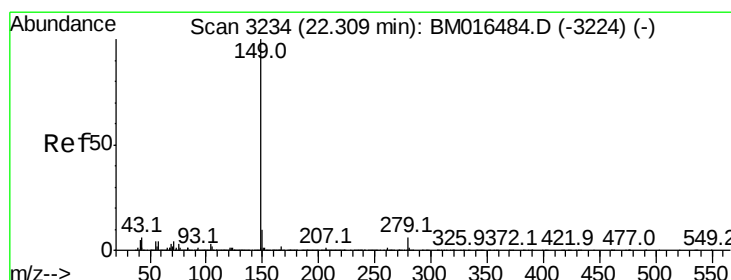
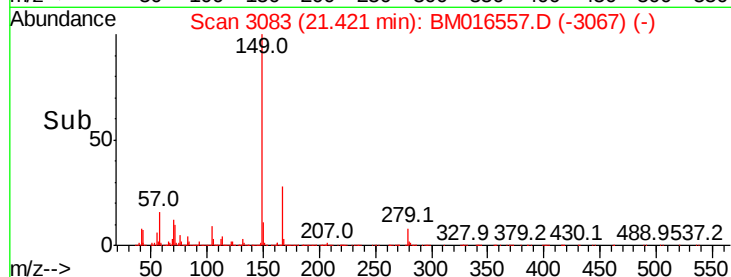
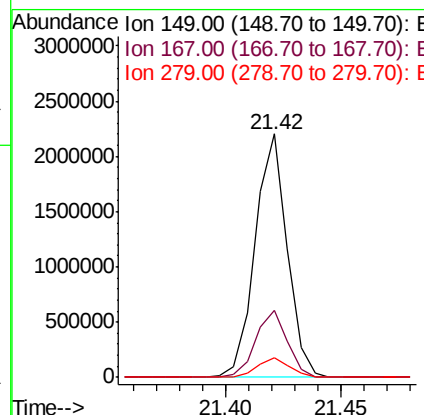
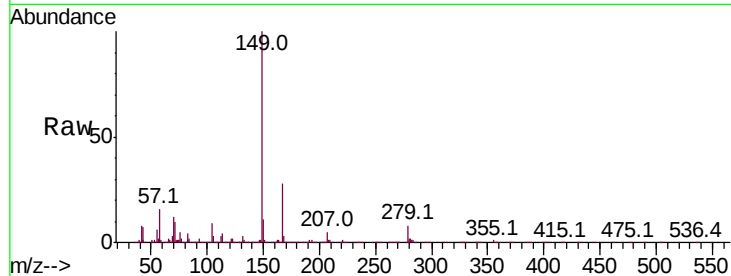
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.593 ng  
 RT: 21.42 min Scan# 3083  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.7  | 22.4  | 33.6  |
| 279     | 8.1   | 3.4   | 5.0   |

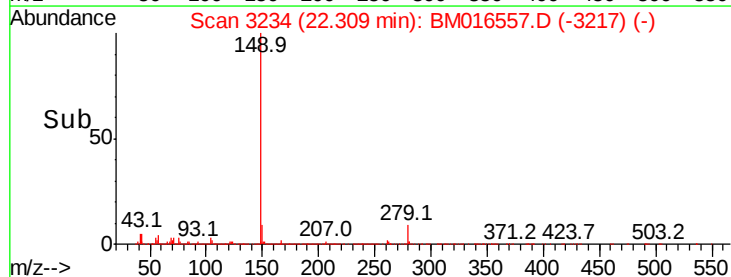
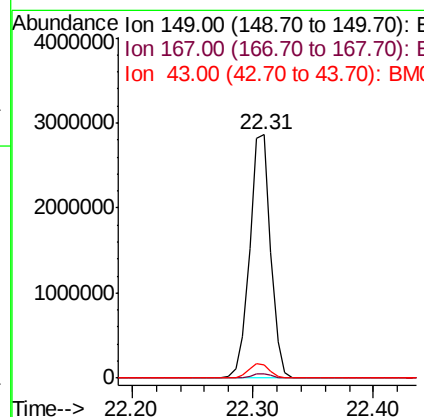
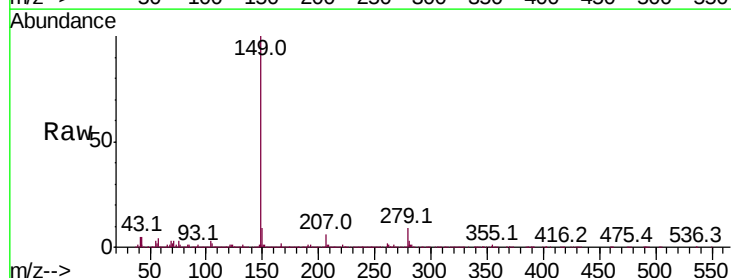
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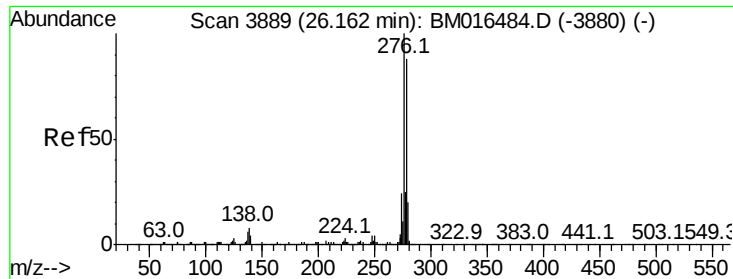
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#84  
 Di-n-octyl phthalate  
 Concen: 44.454 ng  
 RT: 22.31 min Scan# 3234  
 Delta R.T. -0.00 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.9   | 1.2   | 1.8   |
| 43      | 5.9   | 7.3   | 10.9  |





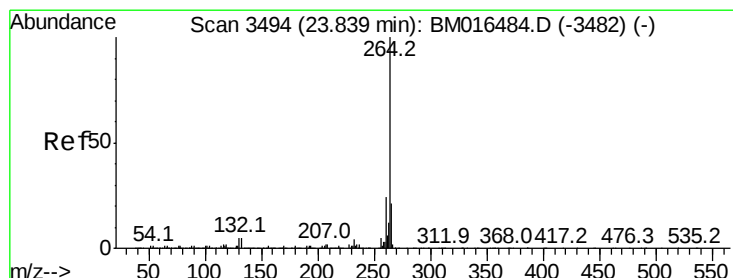
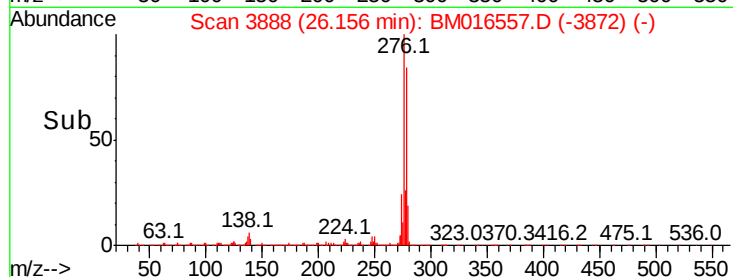
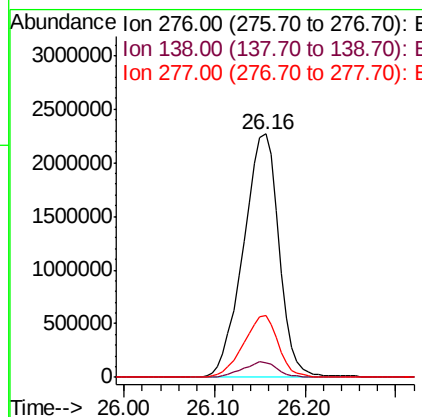
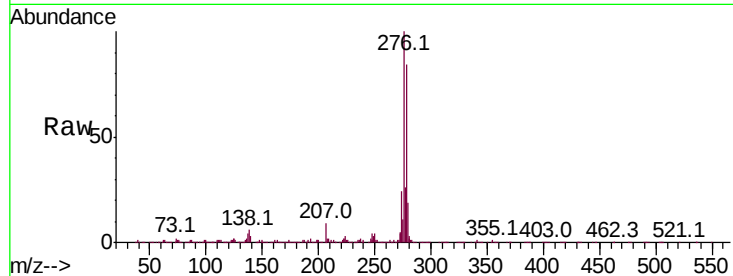
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 45.779 ng  
RT: 26.16 min Scan# 3888  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 6.3   | 12.0  | 18.0# |
| 277     | 24.8  | 20.0  | 30.0  |

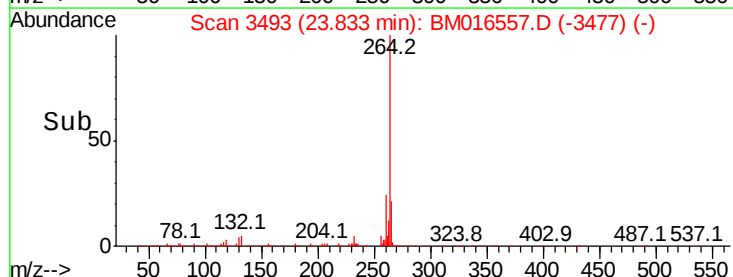
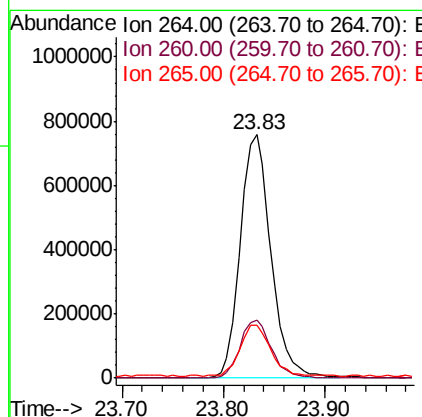
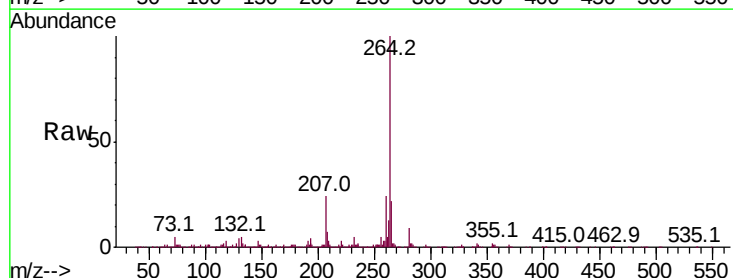
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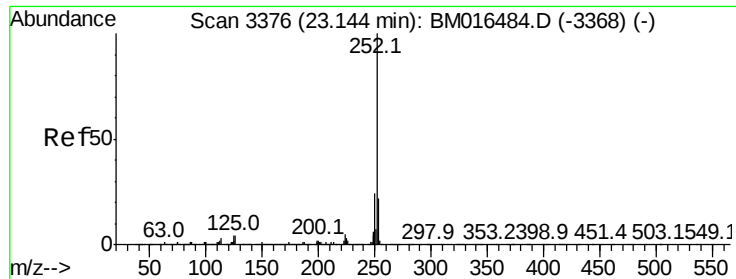
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.83 min Scan# 3493  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.6  | 27.8  |
| 265     | 22.0  | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 59.249 ng

RT: 23.14 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

Instrument :

BNA\_M

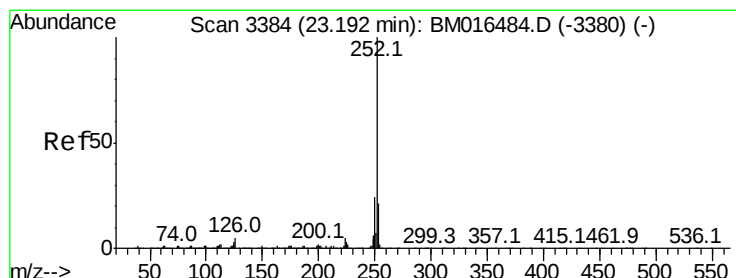
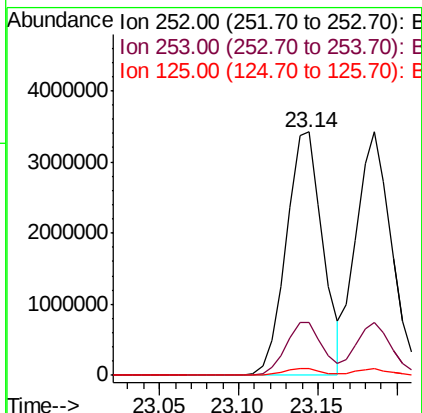
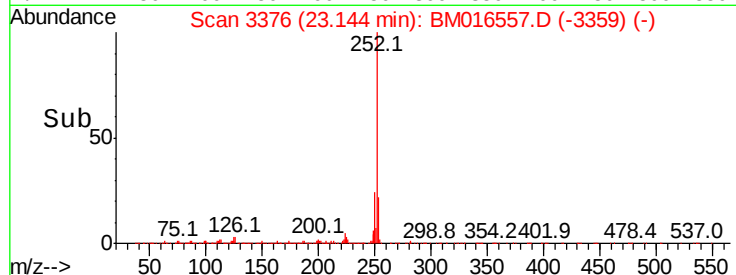
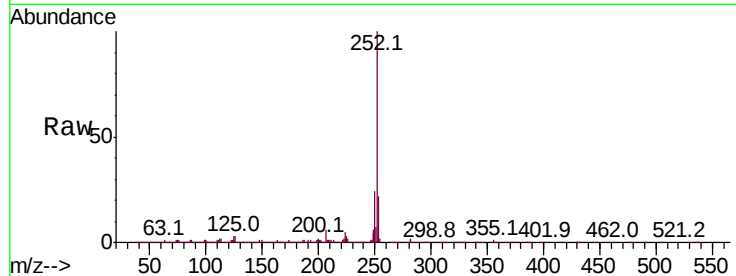
ClientSampleId :

OK-01-082118MSD

|     |         |               |       |
|-----|---------|---------------|-------|
| Tot | Ion:252 | Resp: 5449048 |       |
| Ion | Ratio   | Lower         | Upper |
| 252 | 100     |               |       |
| 253 | 21.7    | 18.0          | 27.0  |
| 125 | 2.5     | 9.9           | 14.9# |

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#88

Benzo(k)fluoranthene

Concen: 56.636 ng

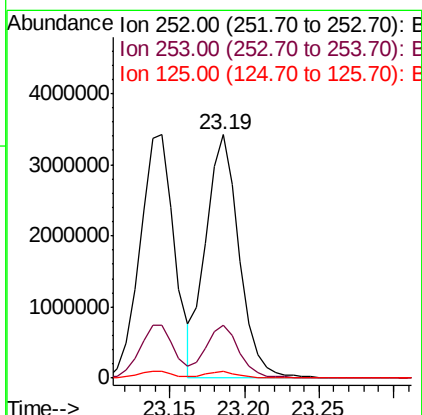
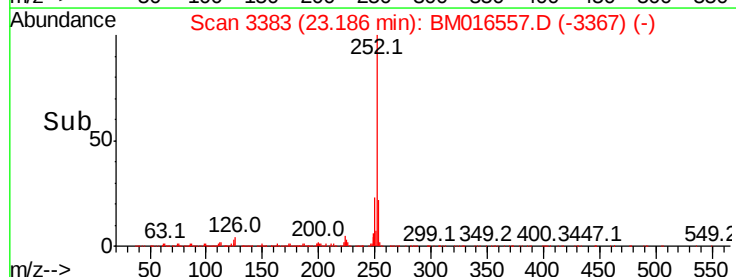
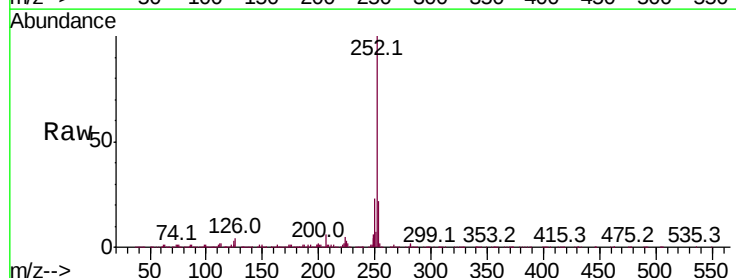
RT: 23.19 min Scan# 3383

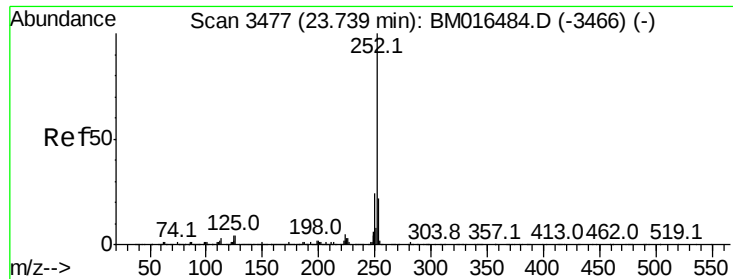
Delta R.T. -0.01 min

Lab File: BM016557.D

Acq: 23 Aug 2018 15:41

|     |         |               |       |
|-----|---------|---------------|-------|
| Tgt | Ion:252 | Resp: 5299795 |       |
| Ion | Ratio   | Lower         | Upper |
| 252 | 100     |               |       |
| 253 | 21.6    | 17.2          | 25.8  |
| 125 | 2.6     | 8.1           | 12.1# |





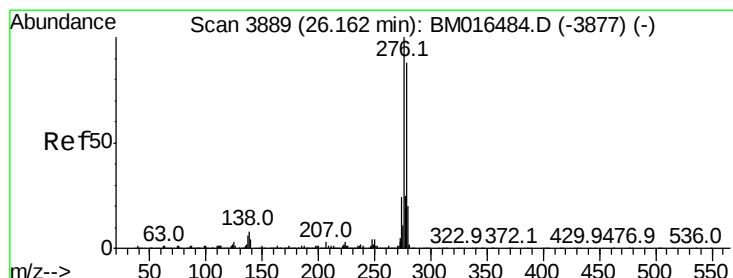
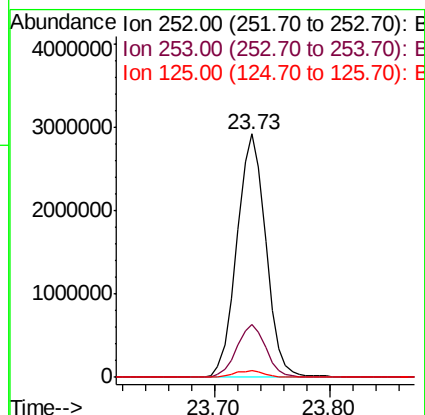
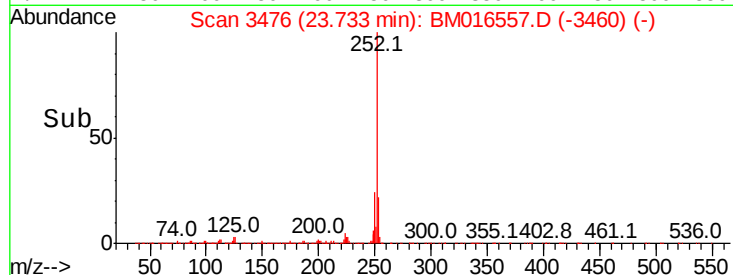
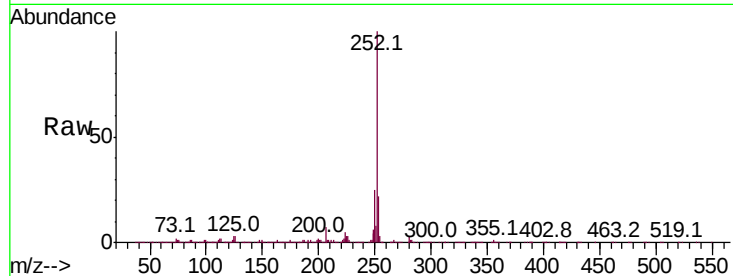
#89  
Benzo(a)pyrene  
Concen: 56.895 ng  
RT: 23.73 min Scan# 3476  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

Instrument :  
BNA\_M  
ClientSampleId :  
OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.6  | 26.4  |
| 125     | 3.0   | 7.4   | 11.2  |

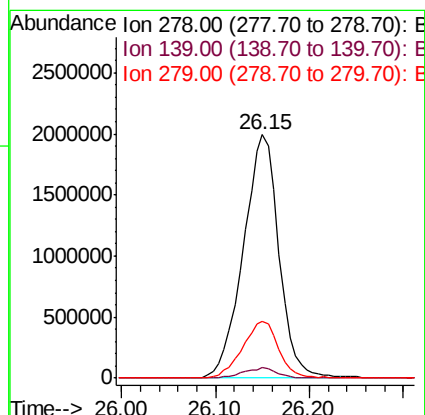
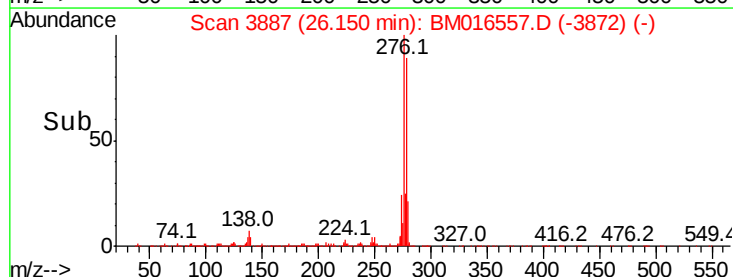
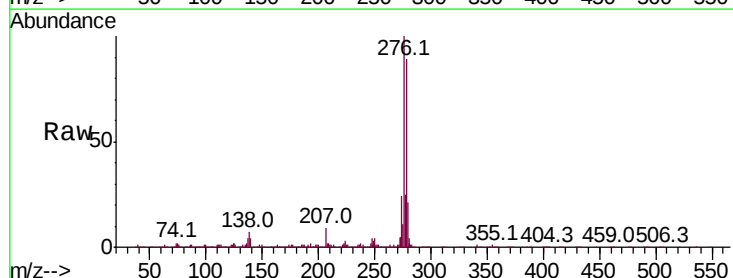
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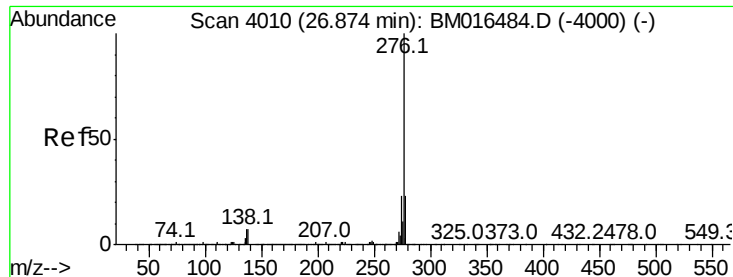
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#90  
Dibenzo(a,h)anthracene  
Concen: 52.197 ng  
RT: 26.15 min Scan# 3887  
Delta R.T. -0.01 min  
Lab File: BM016557.D  
Acq: 23 Aug 2018 15:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 4.4   | 13.4  | 20.0  |
| 279     | 23.3  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 51.875 ng  
 RT: 26.86 min Scan# 4008  
 Delta R.T. -0.01 min  
 Lab File: BM016557.D  
 Acq: 23 Aug 2018 15:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-01-082118MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 18.5  | 27.7  |
| 138     | 5.3   | 19.0  | 28.6  |

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