

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060618\  
 Data File : BM015516.D  
 Acq On : 07 Jun 2018 08:21  
 Operator : SJ/JU  
 Sample : PB109980BS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB109980BS

Manual Integrations  
 APPROVED

Sohil  
 6/7/2018 1:05:06 PM

Quant Time: Jun 07 08:56:45 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 06 14:01:06 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.35  | 152  | 148471   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.19 | 136  | 576866   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.97 | 164  | 293153   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.69 | 188  | 592138   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.79 | 240  | 576373   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 24.21 | 264  | 590396   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.85  | 112 | 936775  | 107.33 | ng | 0.00  |
| 7) Phenol-d6             | 7.50  | 99  | 1201966 | 91.11  | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.54  | 82  | 771623  | 72.76  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.44 | 330 | 386200  | 91.67  | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 13.60 | 172 | 1520473 | 69.64  | ng | 0.00  |
| 78) Terphenyl-d14        | 20.24 | 244 | 2023370 | 81.03  | ng | -0.01 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.59  | 88  | 103531  | 31.804 | ng | # 100  |
| 3) Pyridine                    | 4.03  | 79  | 276944  | 29.264 | ng | # 85   |
| 4) n-Nitrosodimethylamine      | 3.94  | 42  | 187215  | 35.358 | ng | # 60   |
| 6) Aniline                     | 7.67  | 93  | 101881  | 6.088  | ng | 95     |
| 8) 2-Chlorophenol              | 7.91  | 128 | 328245  | 30.354 | ng | 95     |
| 9) Benzaldehyde                | 7.48  | 77  | 157820  | 18.794 | ng | 93     |
| 10) Phenol                     | 7.52  | 94  | 389329  | 29.096 | ng | 84     |
| 11) bis(2-Chloroethyl)ether    | 7.76  | 93  | 289033  | 27.666 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 8.24  | 146 | 355624  | 30.765 | ng | # 96   |
| 13) 1,4-Dichlorobenzene        | 8.39  | 146 | 358848  | 30.419 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.71  | 146 | 345264  | 29.950 | ng | 96     |
| 15) Benzyl Alcohol             | 8.60  | 79  | 278687  | 26.394 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.88  | 45  | 477833  | 27.521 | ng | 96     |
| 17) 2-Methylphenol             | 8.79  | 107 | 258694  | 27.480 | ng | # 90   |
| 18) Hexachloroethane           | 9.44  | 117 | 135633  | 31.216 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 9.16  | 70  | 239474  | 24.007 | ng | # 86   |
| 20) 3+4-Methylphenols          | 9.13  | 107 | 345933  | 26.572 | ng | 93     |
| 22) Acetophenone               | 9.19  | 105 | 452524  | 31.890 | ng | # 93   |
| 24) Nitrobenzene               | 9.58  | 77  | 366595  | 32.973 | ng | 97     |
| 25) Isophorone                 | 10.10 | 82  | 601112  | 28.131 | ng | 95     |
| 26) 2-Nitrophenol              | 10.29 | 139 | 162385  | 32.388 | ng | # 75   |
| 27) 2,4-Dimethylphenol         | 10.34 | 122 | 293281  | 31.175 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 10.57 | 93  | 373488  | 29.735 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.83 | 162 | 280877  | 32.033 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 11.04 | 180 | 309037  | 32.816 | ng | 99     |
| 31) Naphthalene                | 11.23 | 128 | 956893  | 32.006 | ng | 100    |
| 32) Benzoic acid               | 10.47 | 122 | 167639m | 25.133 | ng |        |
| 33) 4-Chloroaniline            | 11.35 | 127 | 72557   | 5.469  | ng | # 90   |
| 34) Hexachlorobutadiene        | 11.50 | 225 | 188861  | 34.515 | ng | 96     |
| 35) Caprolactam                | 12.13 | 113 | 75898   | 22.577 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 12.44 | 107 | 287676  | 27.597 | ng | 90     |
| 37) 2-Methylnaphthalene        | 12.82 | 142 | 666223  | 29.650 | ng | # 95   |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.18 | 216 | 315524  | 34.909 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 13.15 | 237 | 311871  | 61.864 | ng | 99     |

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 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
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 PB109980BS

Manual Integrations  
 APPROVED

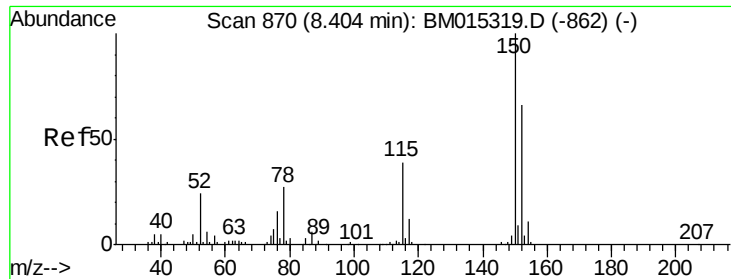
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 6/7/2018 1:05:06 PM

Quant Time: Jun 07 08:56:45 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 06 14:01:06 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.42 | 196  | 201460   | 32.897 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.49 | 196  | 211063   | 31.392 | nq    | # 87     |
| 45) 1,1'-Biphenyl              | 13.81 | 154  | 809106   | 33.393 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.86 | 162  | 620900   | 33.423 | nq    | # 93     |
| 47) 2-Nitroaniline             | 14.06 | 65   | 193461   | 31.511 | nq    | 85       |
| 48) Acenaphthylene             | 14.70 | 152  | 1011318  | 33.951 | nq    | 99       |
| 49) Dimethylphthalate          | 14.42 | 163  | 756671   | 30.061 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.54 | 165  | 161560   | 30.188 | nq    | # 86     |
| 51) Acenaphthene               | 15.03 | 154  | 585774   | 32.240 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.88 | 138  | 55856    | 9.828  | nq    | 84       |
| 53) 2,4-Dinitrophenol          | 15.09 | 184  | 129299   | 41.172 | nq    | 94       |
| 54) Dibenzofuran               | 15.36 | 168  | 918163   | 31.395 | nq    | 93       |
| 55) 4-Nitrophenol              | 15.17 | 139  | 266378   | 53.066 | nq    | # 58     |
| 56) 2,4-Dinitrotoluene         | 15.33 | 165  | 218668   | 29.412 | nq    | # 82     |
| 57) Fluorene                   | 16.00 | 166  | 736334   | 30.603 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.59 | 232  | 182959   | 29.416 | nq    | # 100    |
| 59) Diethylphthalate           | 15.76 | 149  | 754038   | 29.023 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.99 | 204  | 359109   | 30.028 | nq    | 93       |
| 61) 4-Nitroaniline             | 16.03 | 138  | 154135   | 24.490 | nq    | # 58     |
| 62) Azobenzene                 | 16.28 | 77   | 779102   | 32.190 | nq    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 16.09 | 198  | 101969   | 29.895 | nq    | 91       |
| 65) n-Nitrosodiphenylamine     | 16.20 | 169  | 623736   | 34.111 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.87 | 248  | 214985   | 33.906 | nq    | # 87     |
| 67) Hexachlorobenzene          | 17.00 | 284  | 243060   | 33.336 | nq    | # 85     |
| 68) Atrazine                   | 17.13 | 200  | 210026   | 32.985 | nq    | 99       |
| 69) Pentachlorophenol          | 17.34 | 266  | 262313   | 61.252 | nq    | 98       |
| 70) Phenanthrene               | 17.73 | 178  | 1085246  | 32.490 | nq    | 100      |
| 71) Anthracene                 | 17.82 | 178  | 1104633  | 32.292 | nq    | 100      |
| 72) Carbazole                  | 18.09 | 167  | 986771   | 31.132 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.61 | 149  | 1178983  | 29.715 | nq    | # 98     |
| 74) Fluoranthene               | 19.71 | 202  | 1188029  | 29.566 | nq    | 98       |
| 76) Benzidine                  | 19.88 | 184  | 278001   | 14.170 | nq    | 99       |
| 77) Pyrene                     | 20.07 | 202  | 1208700  | 34.697 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.92 | 149  | 528305   | 31.529 | nq    | 91       |
| 80) Benzo(a)anthracene         | 21.77 | 228  | 1186317  | 32.327 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.70 | 252  | 88137    | 6.102  | nq    | 100      |
| 82) Chrysene                   | 21.83 | 228  | 1110838  | 32.638 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 750633   | 30.276 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.59 | 149  | 1266291  | 29.282 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.71 | 276  | 1371776  | 29.605 | nq    | # 91     |
| 87) Benzo(b)fluoranthene       | 23.47 | 252  | 1194050  | 33.311 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 23.52 | 252  | 1137131  | 33.335 | nq    | 99       |
| 89) Benzo(a)pyrene             | 24.10 | 252  | 1130320  | 32.626 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 26.71 | 278  | 1168602  | 32.467 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 27.48 | 276  | 1134339  | 32.502 | nq    | 97       |

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





#1

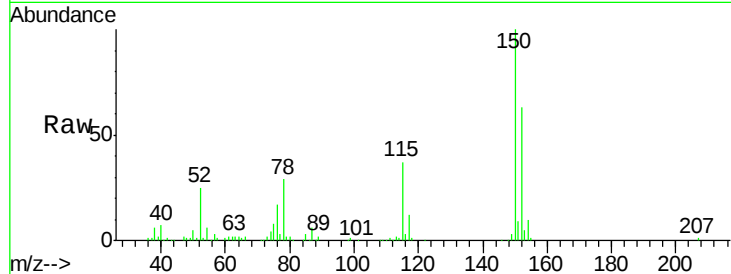
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Concen: 20.000 ng  
RT: 8.35 min Scan# 861  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.7 | 119.5 | 179.3 |
| 115     | 59.1  | 43.0  | 64.4  |

Manual Integrations  
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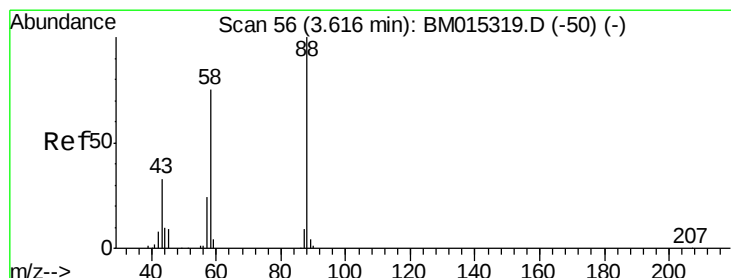
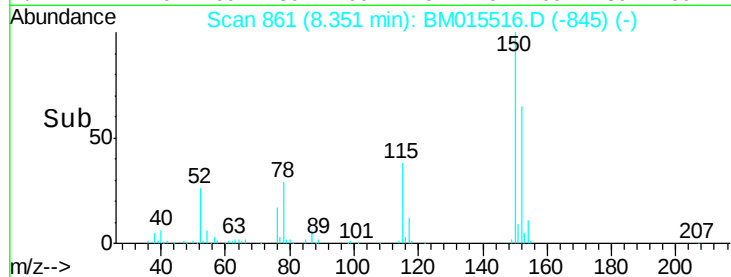
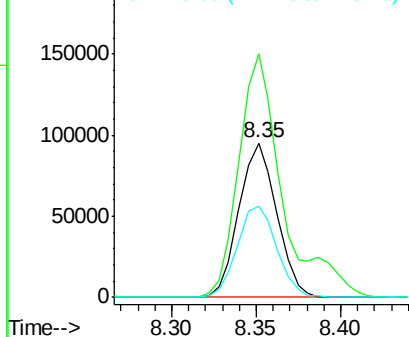


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

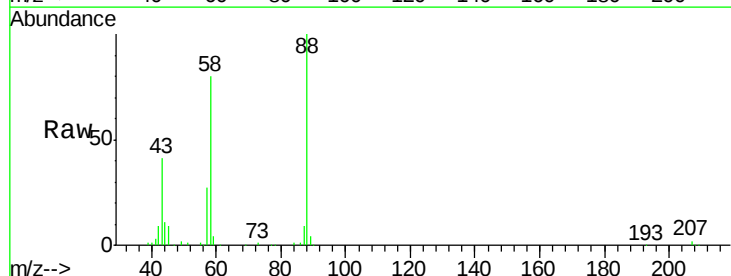
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 31.804 ng  
RT: 3.59 min Scan# 51  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.7  | 0.0   | 0.0#  |
| 43      | 37.8  | 0.0   | 0.0#  |

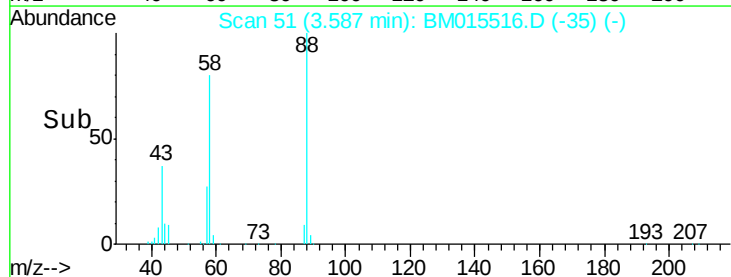
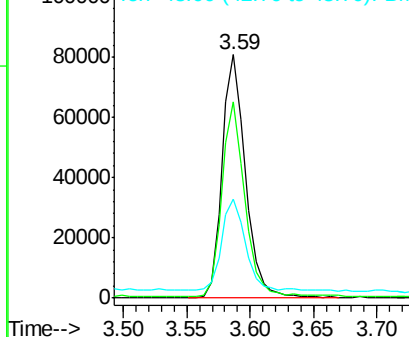


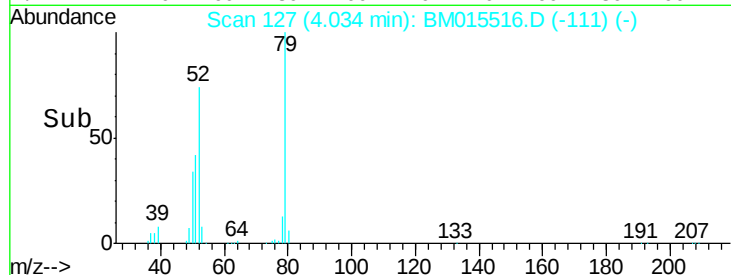
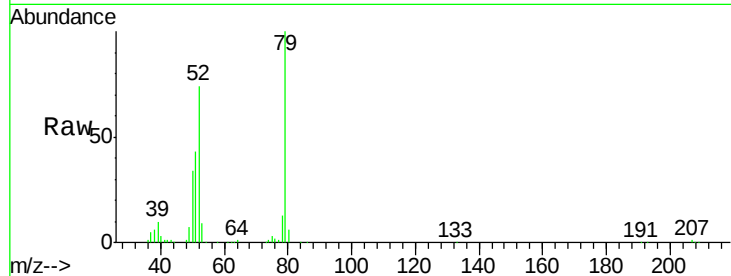
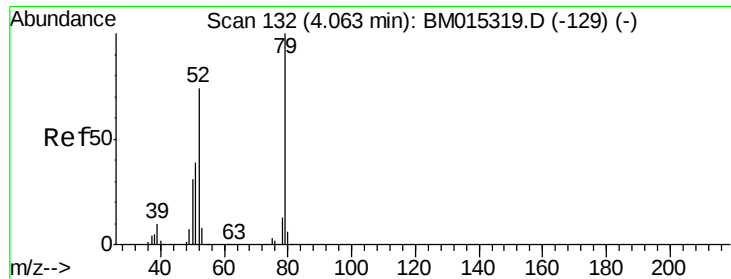
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





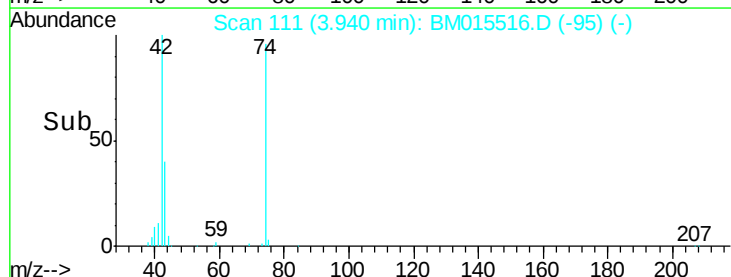
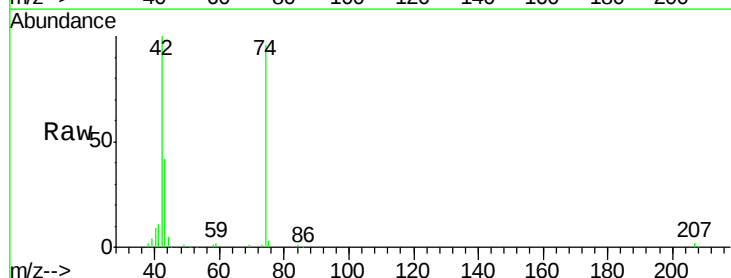
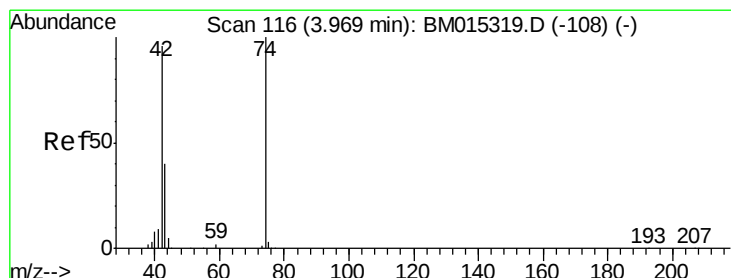
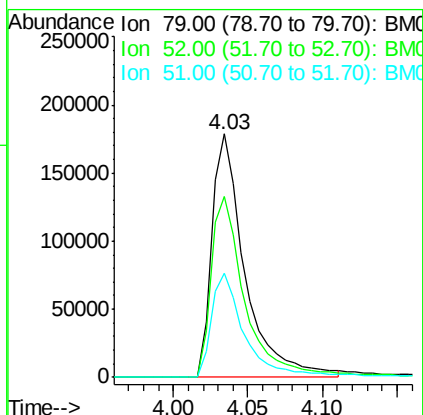
#3  
 Pvridine  
 Concen: 29.264 ng  
 RT: 4.03 min Scan# 127  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 74.4  | 51.1  | 76.7  |
| 51      | 42.6  | 26.1  | 39.1# |

Instrument :  
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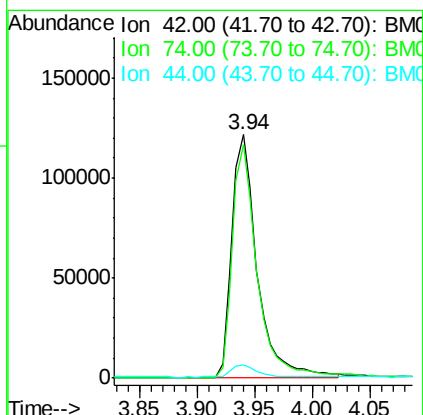
Manual Integrations  
 APPROVED

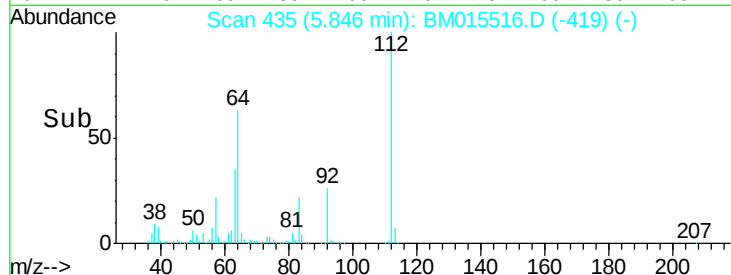
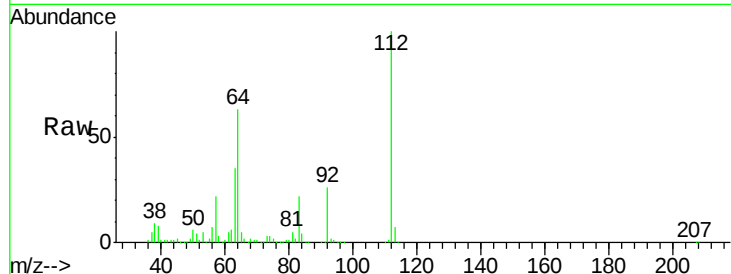
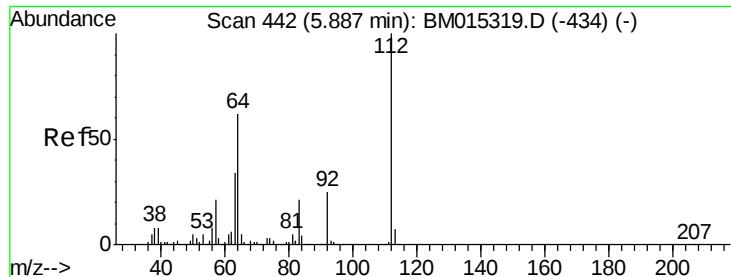
Sohil  
 6/7/2018 1:05:06 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 35.358 ng  
 RT: 3.94 min Scan# 111  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 95.9  | 119.3 | 178.9# |
| 44      | 5.4   | 5.4   | 8.2#   |





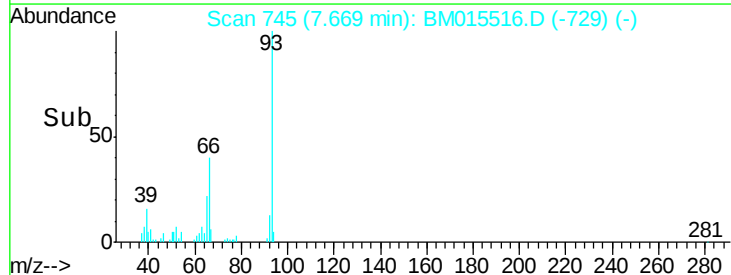
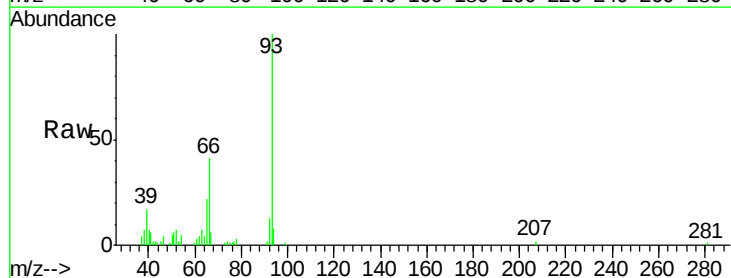
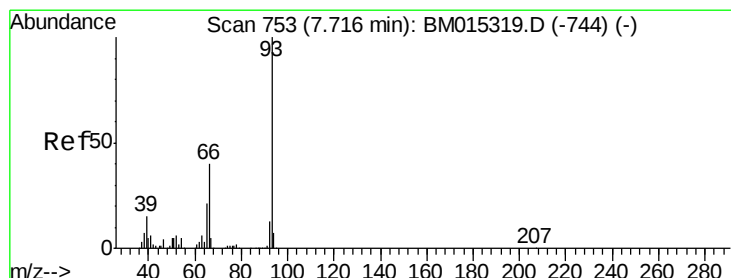
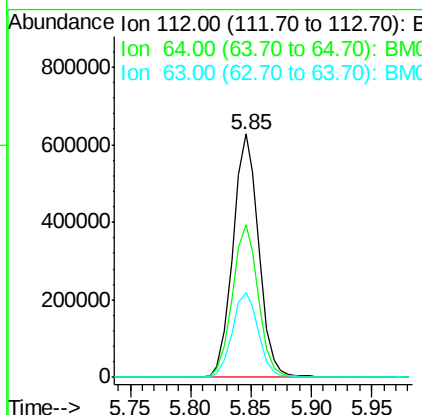
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2-Fluorophenol  
Concen: 107.325 ng  
RT: 5.85 min Scan# 435  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 936775 |       |       |
| 64      | 62.9  | 38.6   | 57.8# |       |
| 63      | 34.6  | 19.3   | 28.9# |       |

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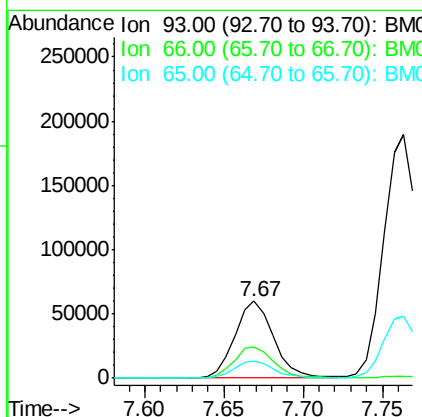
Manual Integrations  
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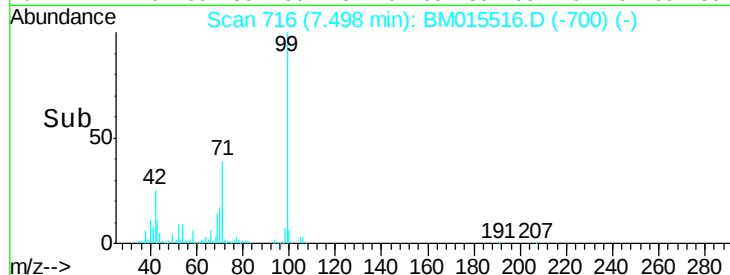
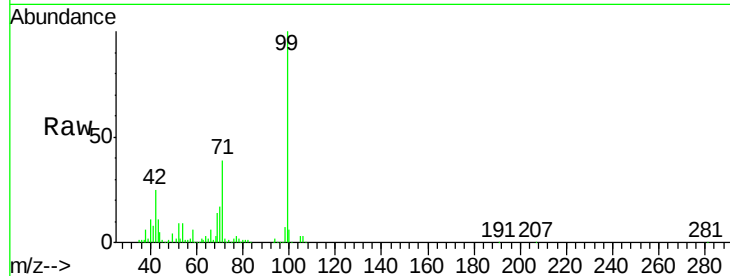
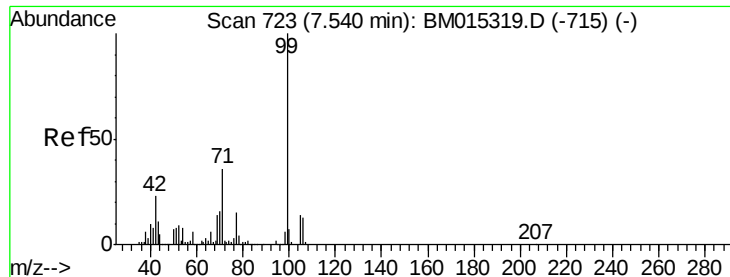
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6/7/2018 1:05:06 PM



#6  
Aniline  
Concen: 6.088 ng  
RT: 7.67 min Scan# 745  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 101881 |       |       |
| 66      | 41.1  | 30.8   | 46.2  |       |
| 65      | 22.5  | 16.0   | 24.0  |       |





#7

Phenol-d6

Concen: 91.110 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Tot Ion: 99 Resp: 1201966

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

71 38.9 23.4 35.2#

Instrument :

BNA\_M

ClientSampleId :

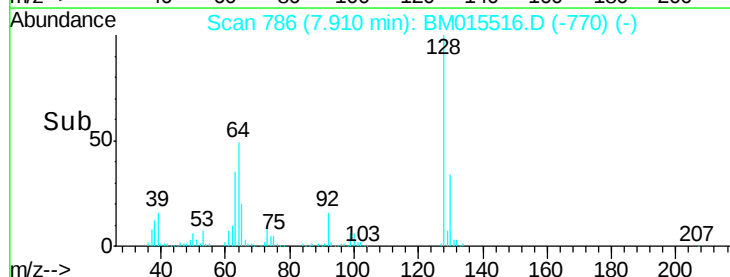
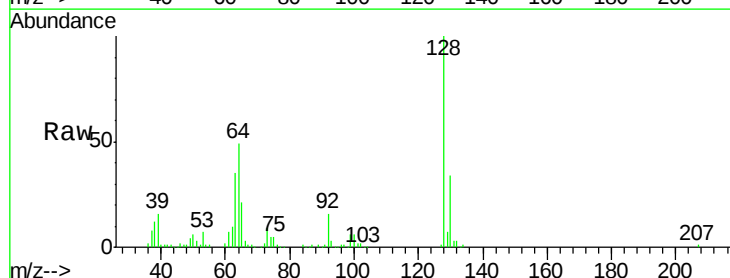
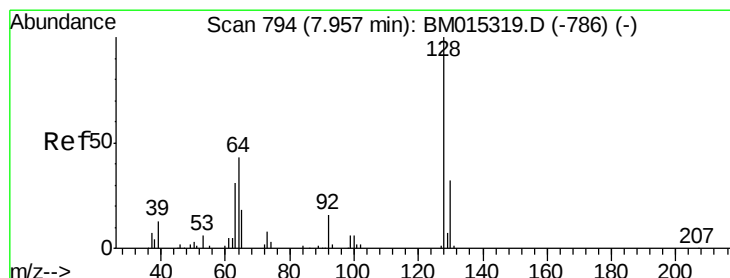
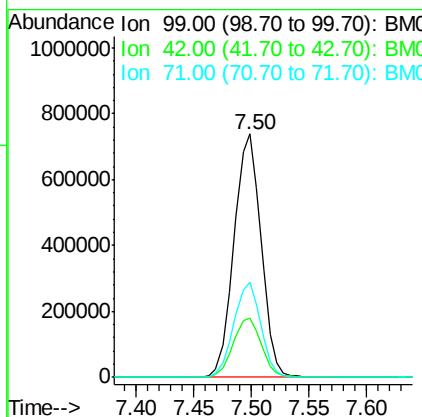
PB109980BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 30.354 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

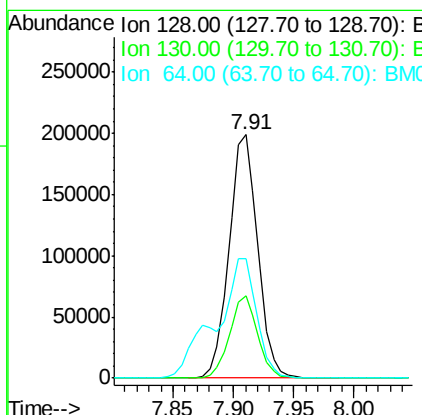
Tgt Ion:128 Resp: 328245

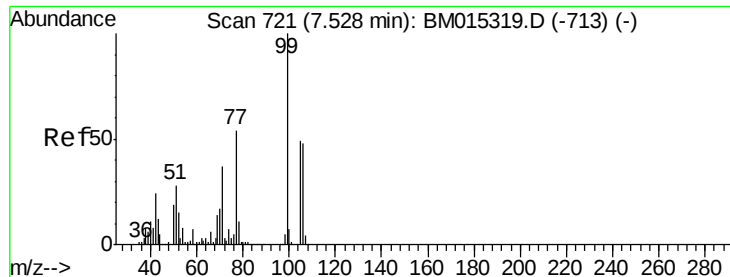
Ion Ratio Lower Upper

128 100

130 33.9 12.0 52.0

64 48.9 24.9 64.9





#9

Benzaldehyde

Concen: 18.794 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Instrument :

BNA\_M

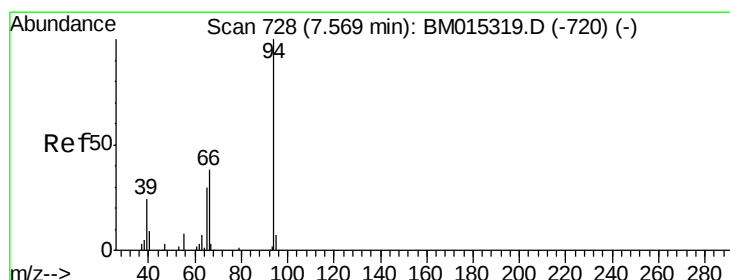
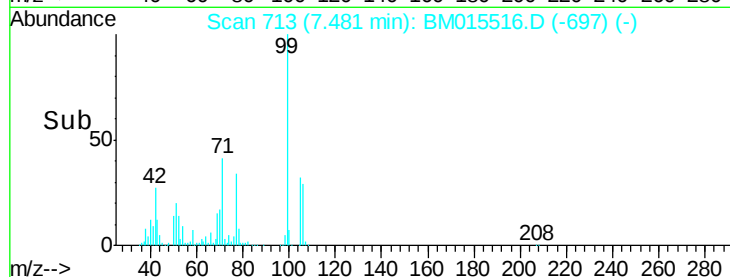
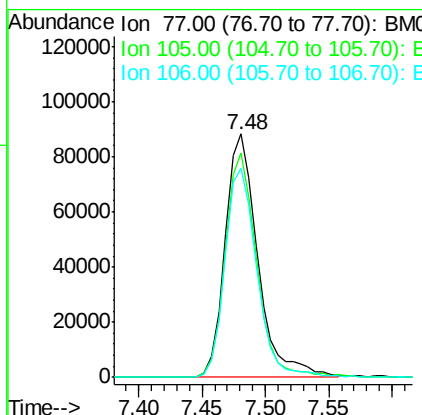
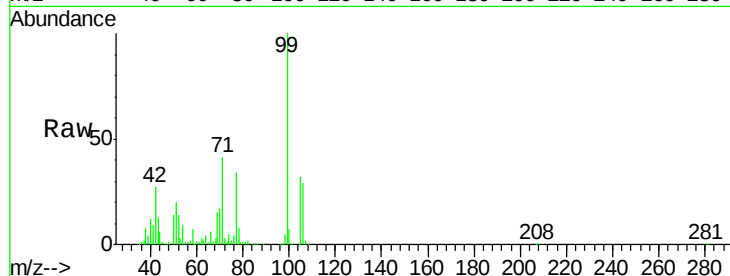
ClientSampled :

PB109980BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 157820 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 92.3  | 78.8  | 118.8  |
| 106      | 85.8  | 73.7  | 113.7  |

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#10

Phenol

Concen: 29.096 ng

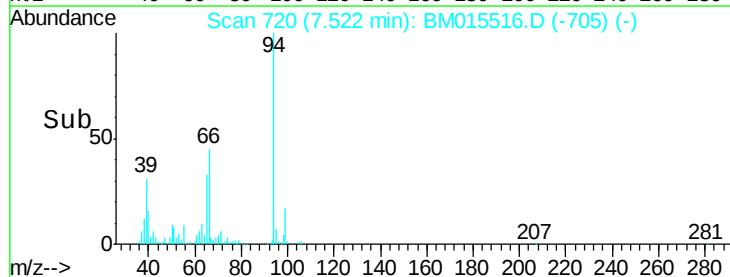
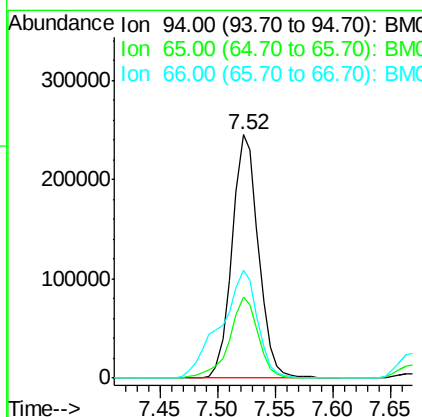
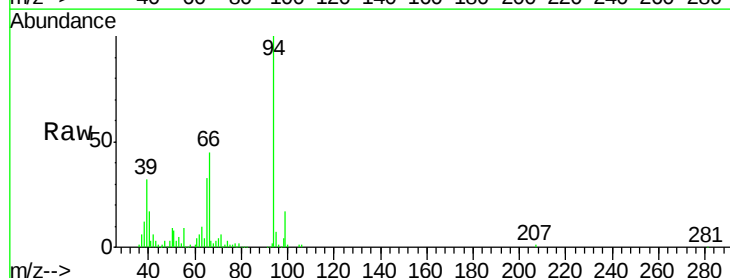
RT: 7.52 min Scan# 720

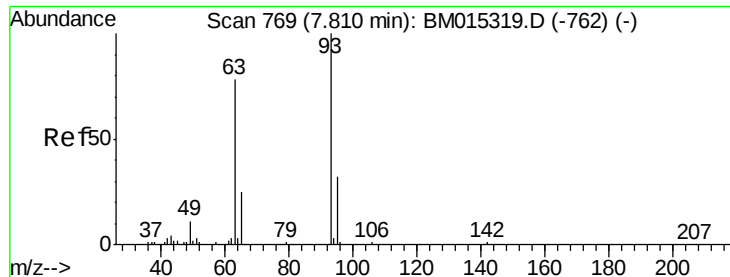
Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 389329 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.5  | 18.8  | 58.8   |
| 66       | 44.6  | 39.9  | 79.9   |





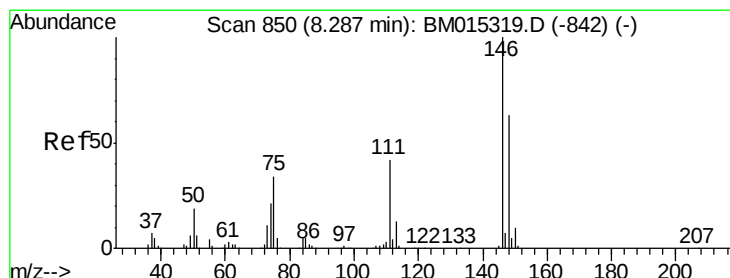
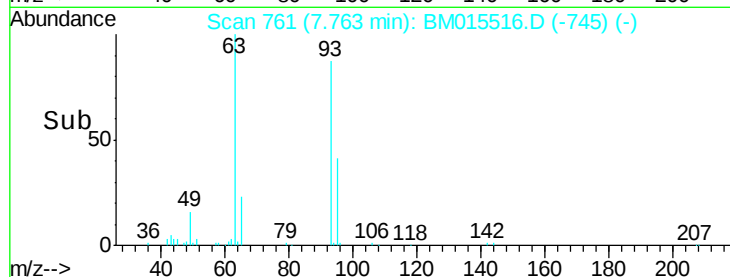
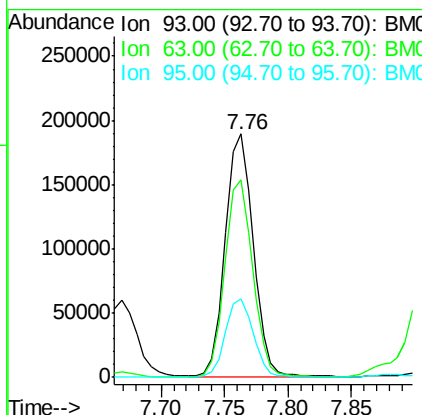
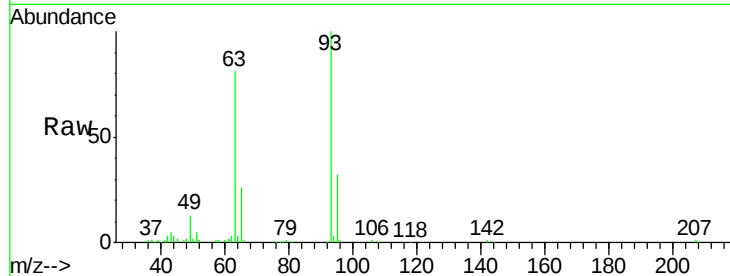
#11  
bis(2-Chloroethyl)ether  
Concen: 27.666 ng  
RT: 7.76 min Scan# 761  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleID :  
PB109980BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 289033 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 81.2  | 49.5  | 89.5   |
| 95       | 32.3  | 13.5  | 53.5   |

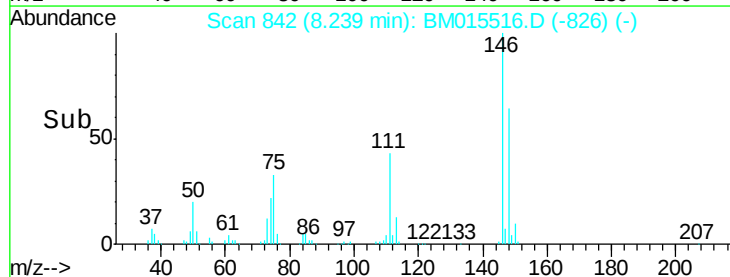
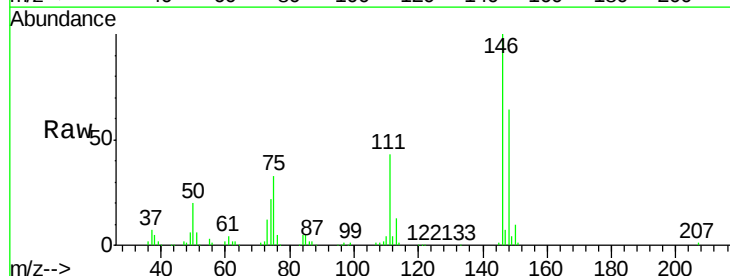
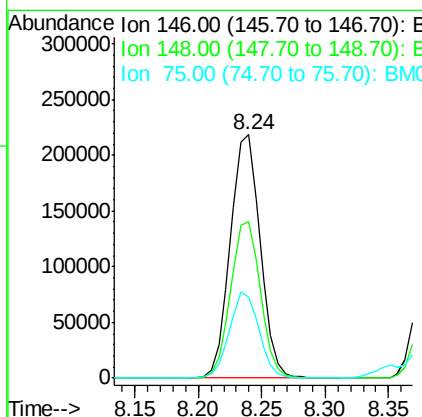
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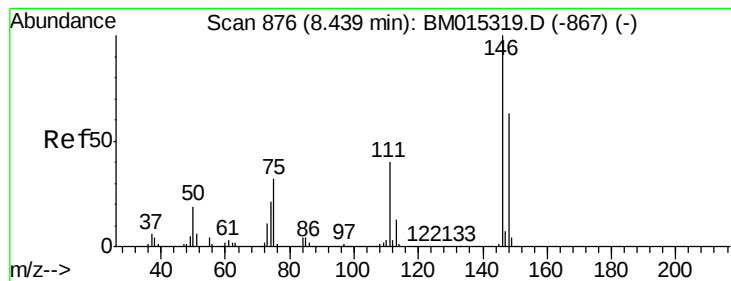
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#12  
1,3-Dichlorobenzene  
Concen: 30.765 ng  
RT: 8.24 min Scan# 842  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 355624 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.5  | 50.9  | 76.3   |
| 75       | 33.1  | 21.4  | 32.2#  |





#13

1,4-Dichlorobenzene

Concen: 30.419 ng

RT: 8.39 min Scan# 867

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Instrument :

BNA\_M

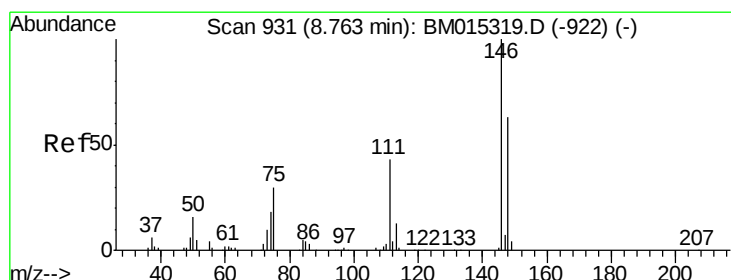
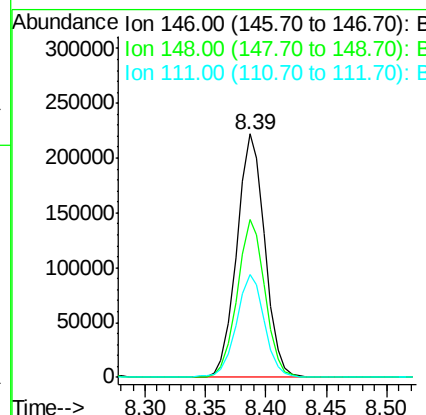
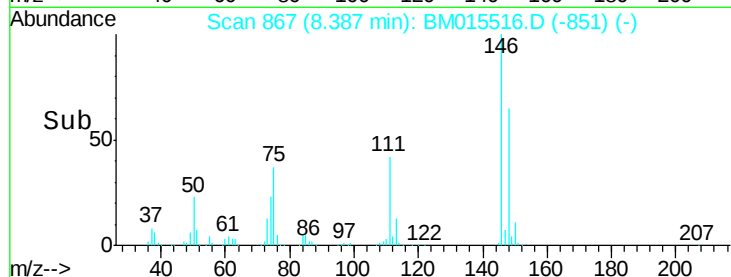
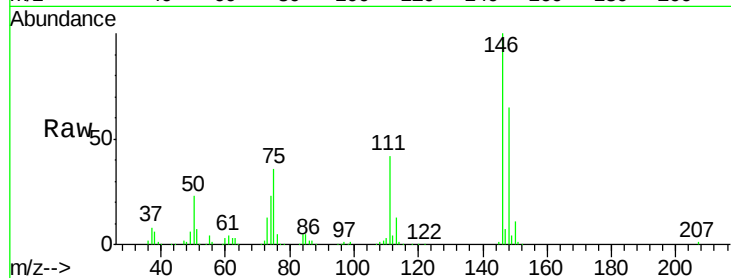
ClientSampleId :

PB109980BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 358848 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.6  | 51.9  | 77.9   |
| 111       | 42.4  | 29.2  | 43.8   |

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#14

1,2-Dichlorobenzene

Concen: 29.950 ng

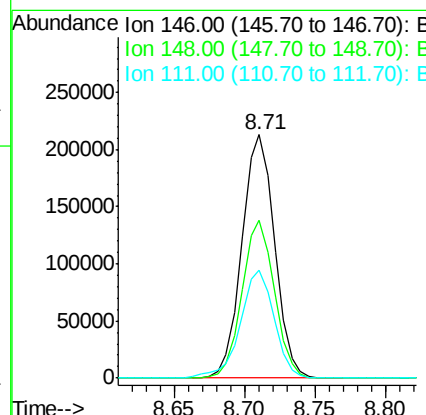
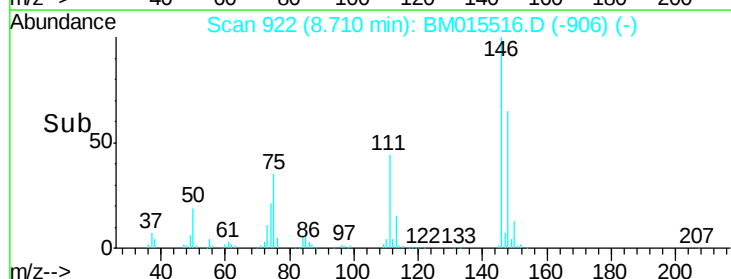
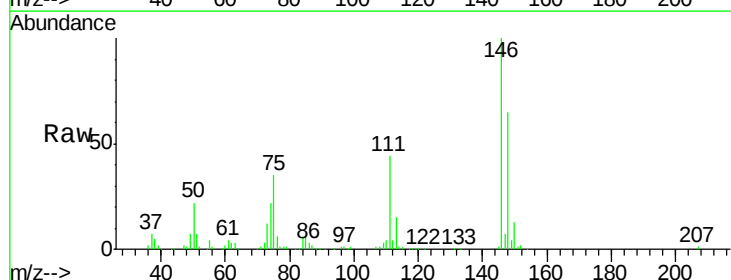
RT: 8.71 min Scan# 922

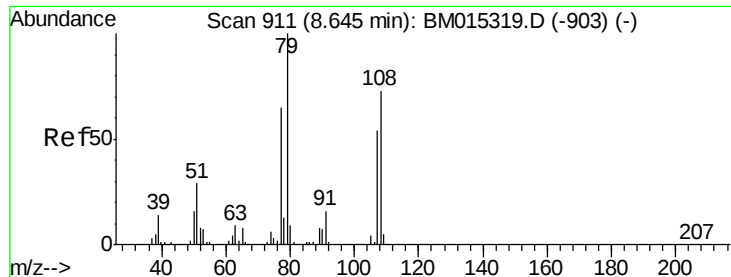
Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 345264 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.6  | 52.3  | 78.5   |
| 111       | 44.3  | 30.6  | 45.8   |





#15

Benzyl Alcohol

Concen: 26.394 ng

RT: 8.60 min Scan# 903

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Instrument :

BNA\_M

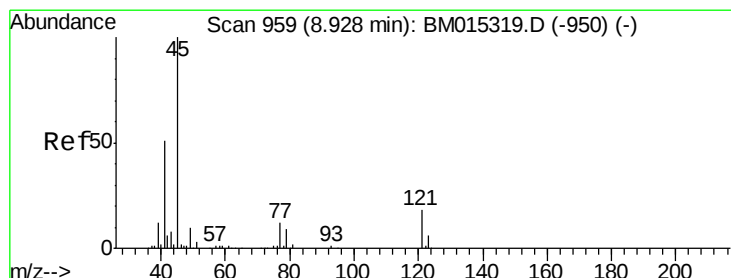
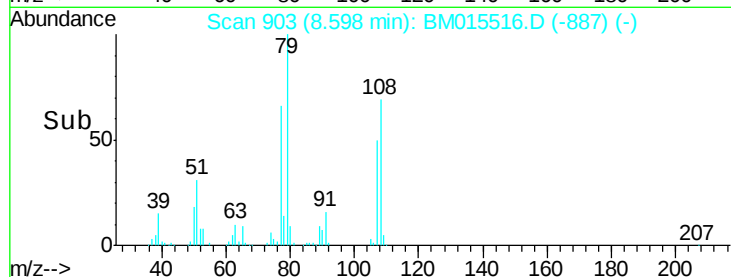
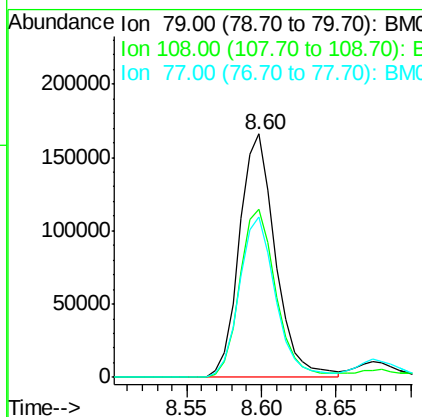
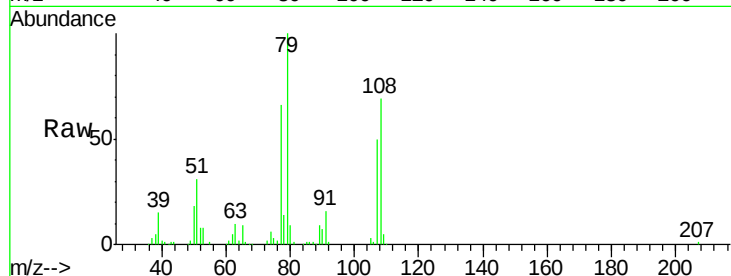
ClientSampled :

PB109980BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 278687 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 68.9  | 65.0  | 97.4   |
| 77        | 65.8  | 53.0  | 79.6   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 27.521 ng

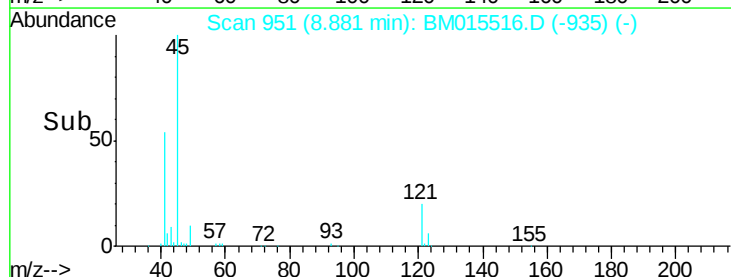
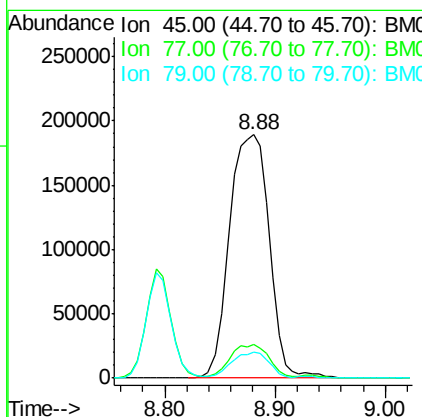
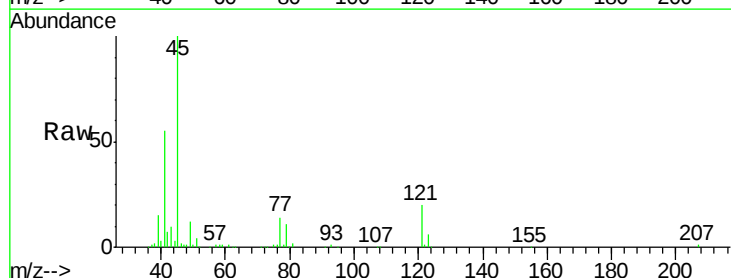
RT: 8.88 min Scan# 951

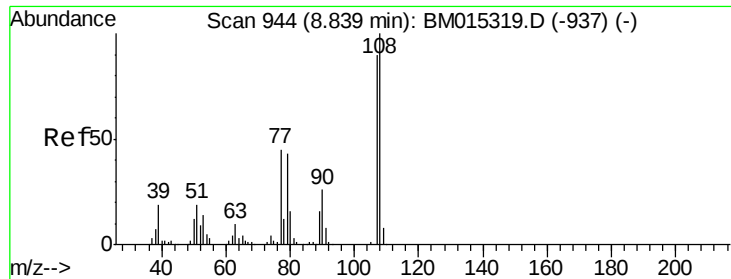
Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 477833 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.7  | 0.0   | 35.2   |
| 79        | 10.6  | 0.0   | 32.0   |





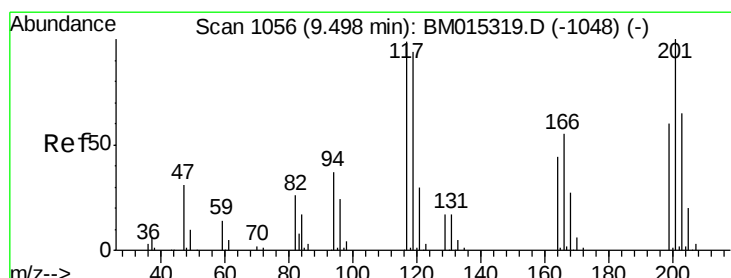
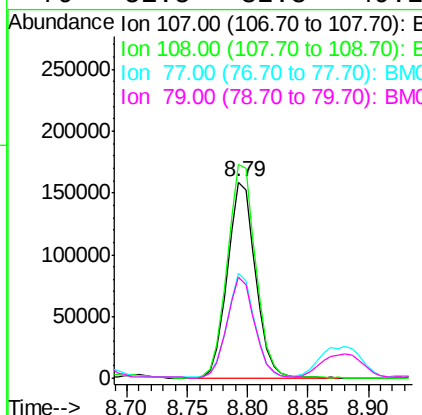
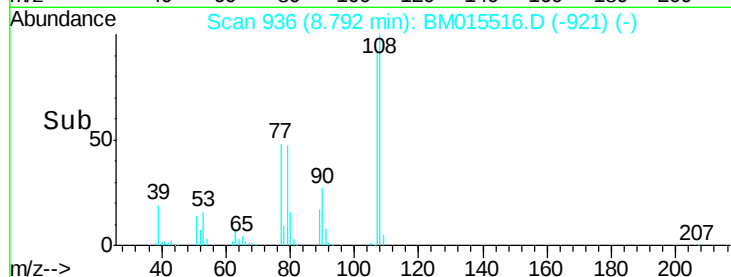
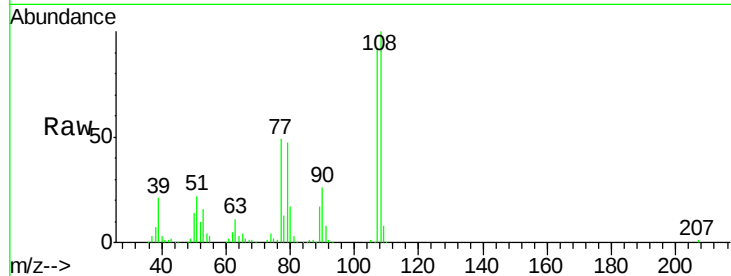
#17  
2-Methylphenol  
Concen: 27.480 ng  
RT: 8.79 min Scan# 936  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampled :  
PB109980BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 108.7 | 89.8 | 134.8 |       |
| 77      | 53.2  | 32.6 | 48.8  |       |
| 79      | 51.5  | 32.8 | 49.2  |       |

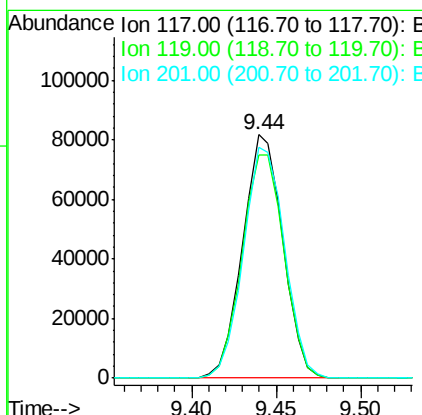
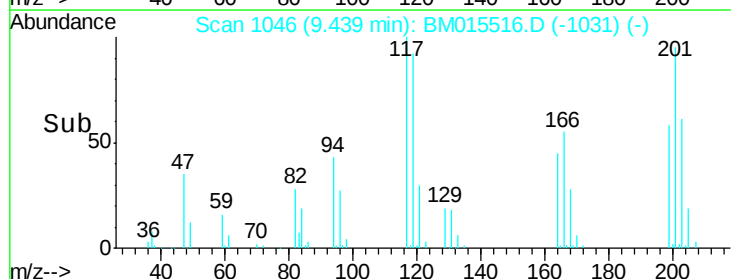
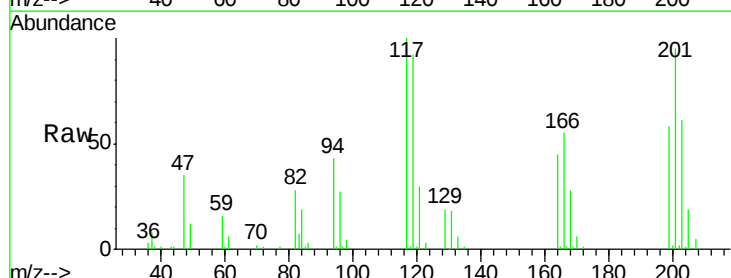
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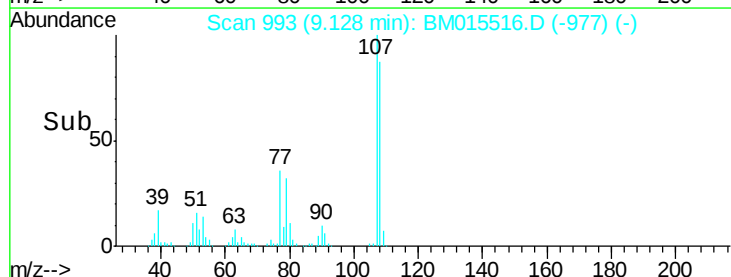
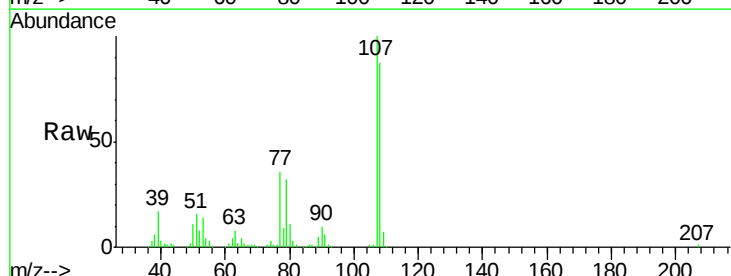
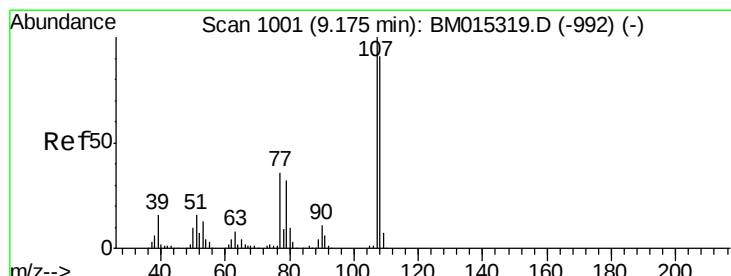
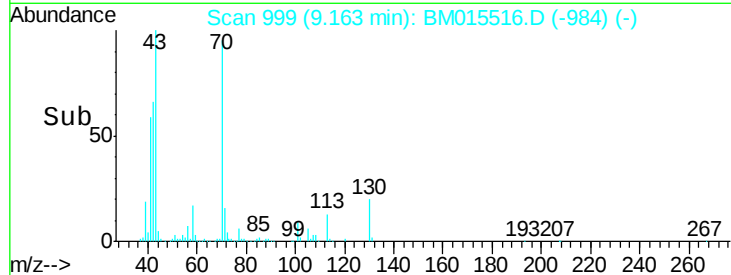
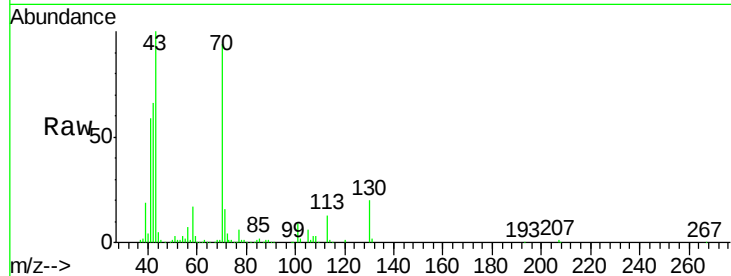
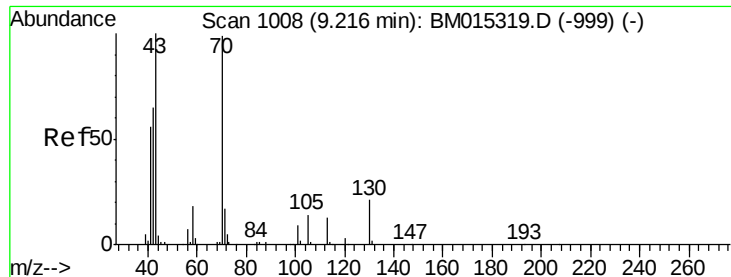
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#18  
Hexachloroethane  
Concen: 31.216 ng  
RT: 9.44 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

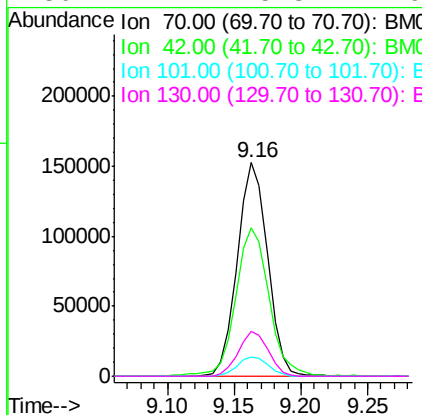
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 91.8  | 79.2 | 118.8 |       |
| 201     | 95.0  | 69.8 | 104.6 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 24.007 ng  
RT: 9.16 min Scan# 999  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 69.4 | 44.5  | 66.7# |       |
| 101     | 9.0  | 7.4   | 11.2  |       |
| 130     | 21.1 | 15.3  | 22.9  |       |



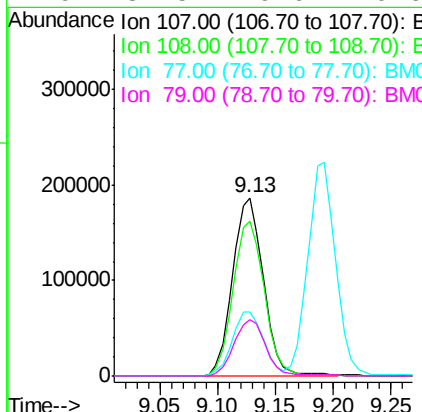
Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

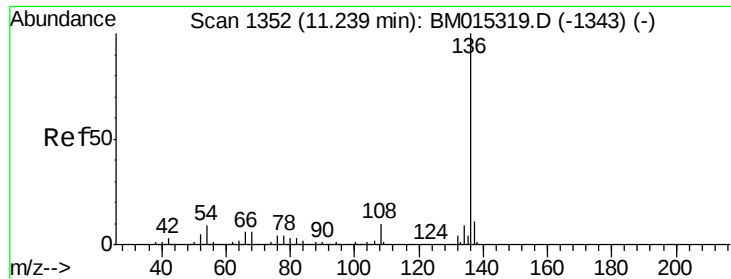
Manual Integrations  
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6/7/2018 1:05:06 PM

#20  
3+4-Methylphenols  
Concen: 26.572 ng  
RT: 9.13 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 87.1 | 73.2  | 113.2 |       |
| 77      | 36.1 | 10.7  | 50.7  |       |
| 79      | 31.5 | 9.6   | 49.6  |       |





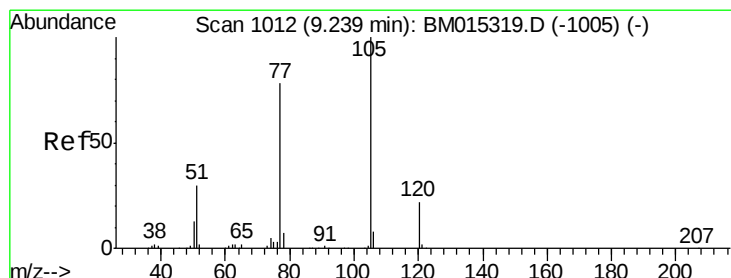
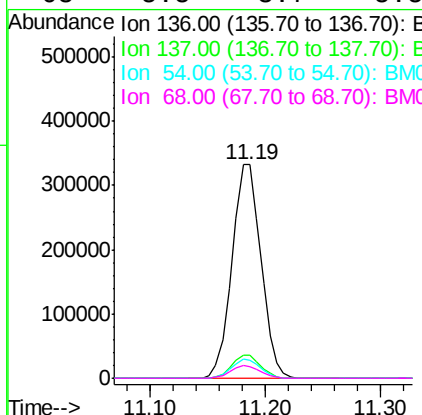
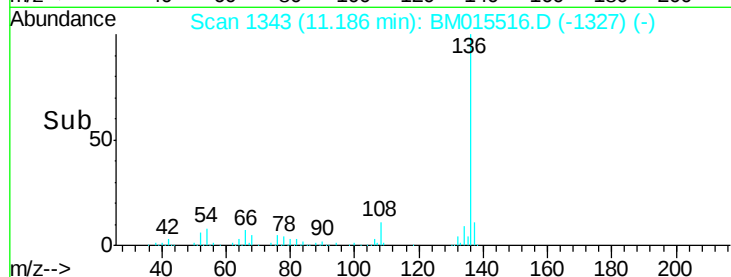
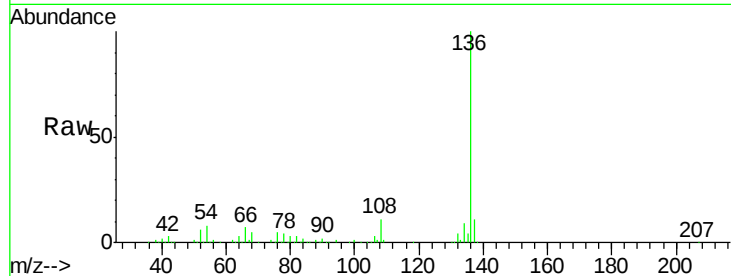
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.19 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampled :  
PB109980BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.7  | 13.1  |       |
| 54      | 8.3   | 4.6  | 6.8   |       |
| 68      | 5.5   | 3.7  | 5.5   |       |

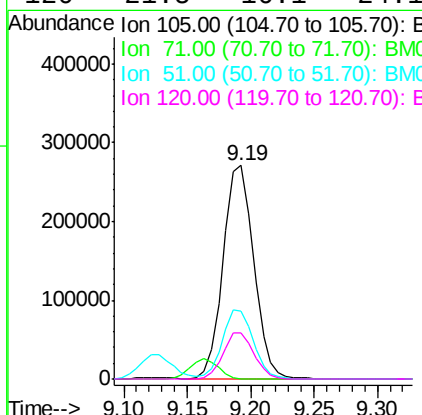
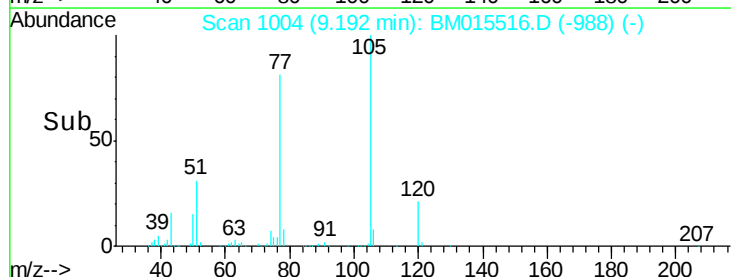
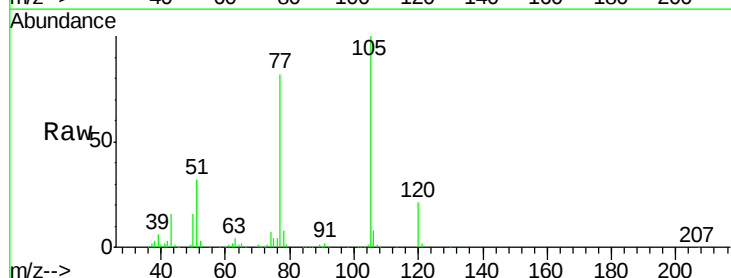
Manual Integrations  
APPROVED

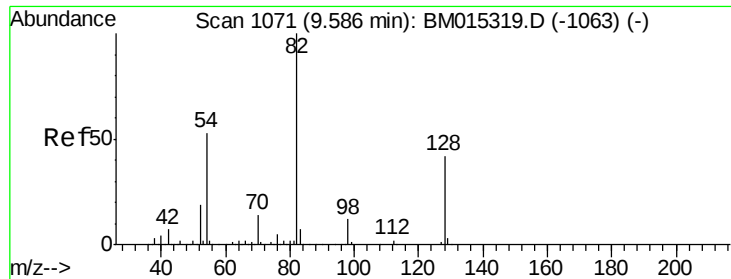
Sohil  
6/7/2018 1:05:06 PM



#22  
Acetophenone  
Concen: 31.890 ng  
RT: 9.19 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.3   | 0.6  | 1.0   |       |
| 51      | 32.1  | 21.6 | 32.4  |       |
| 120     | 21.5  | 16.1 | 24.1  |       |





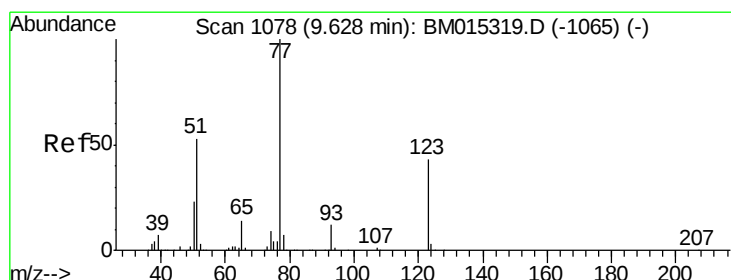
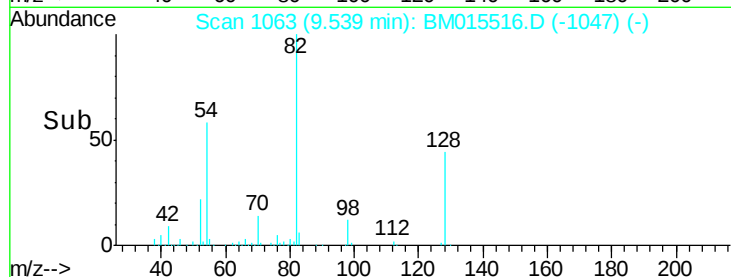
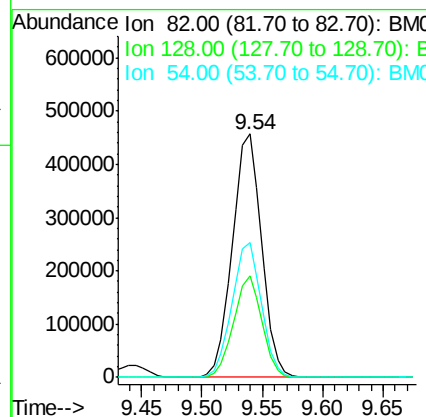
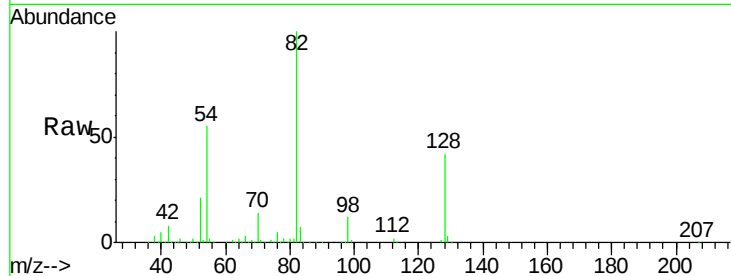
#23  
 Nitrobenzene-d5  
 Concen: 72.757 ng  
 RT: 9.54 min Scan# 1063  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB109980BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 771623 |       |       |
| 128     | 41.9  |        | 32.8  | 49.2  |
| 54      | 55.2  |        | 40.6  | 60.8  |

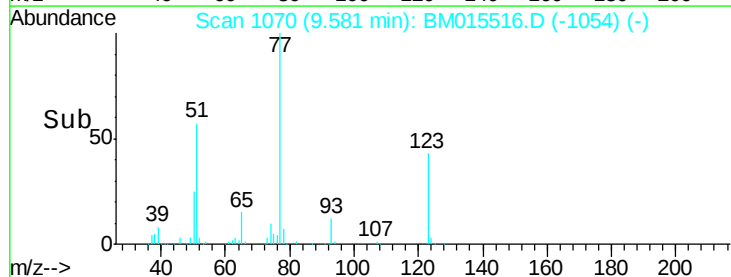
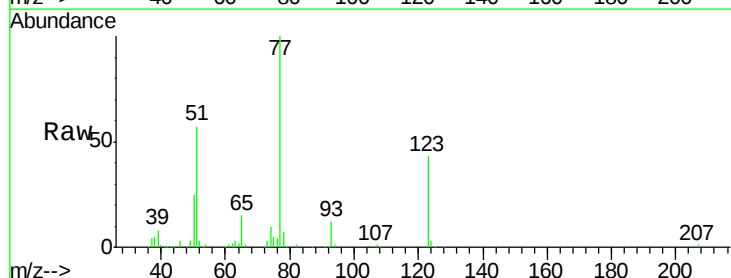
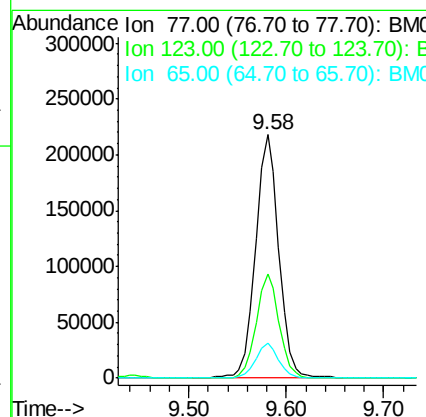
Manual Integrations  
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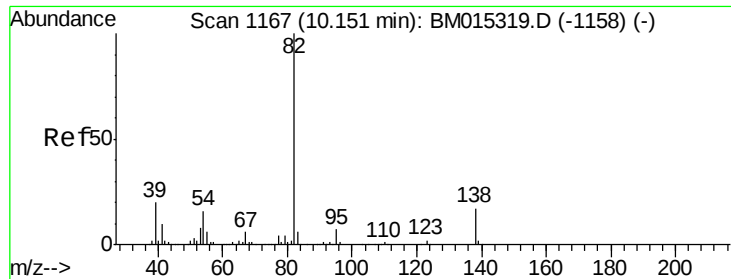
Sohil  
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#24  
 Nitrobenzene  
 Concen: 32.973 ng  
 RT: 9.58 min Scan# 1070  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 366595 |       |       |
| 123     | 42.7  |        | 32.6  | 49.0  |
| 65      | 14.6  |        | 10.9  | 16.3  |





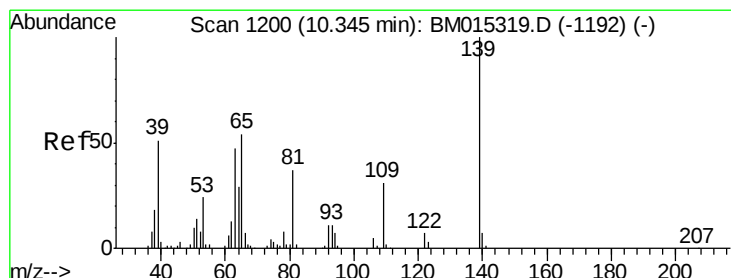
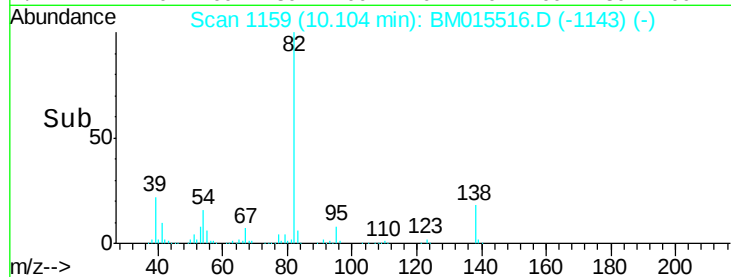
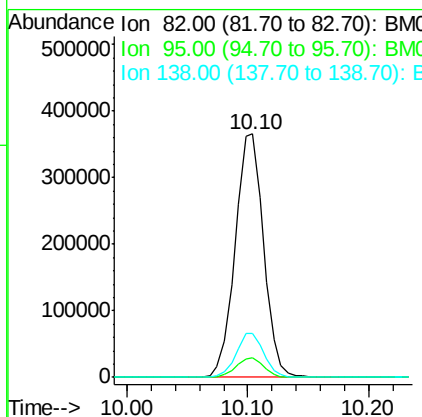
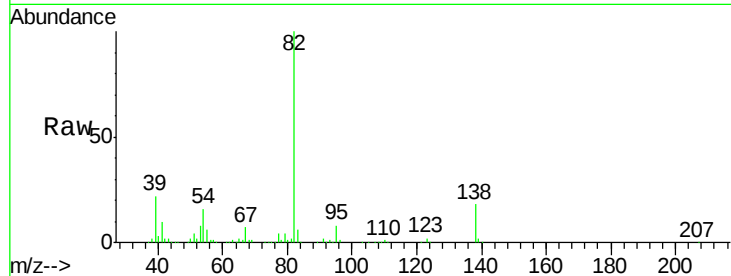
#25  
Isophorone  
Concen: 28.131 ng  
RT: 10.10 min Scan# 1159  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampled :  
PB109980BS

| Tot Ion | 82    | Resp  | 601112 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 95      | 7.8   | 5.8   | 8.6    |
| 138     | 17.8  | 16.3  | 24.5   |

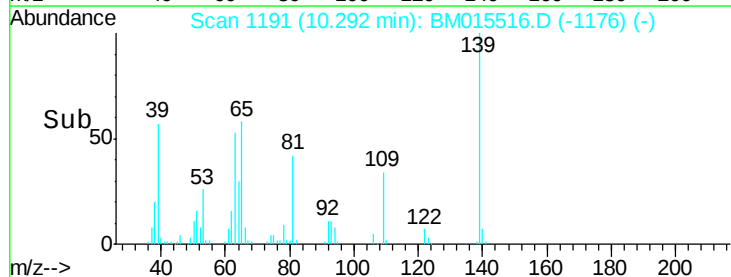
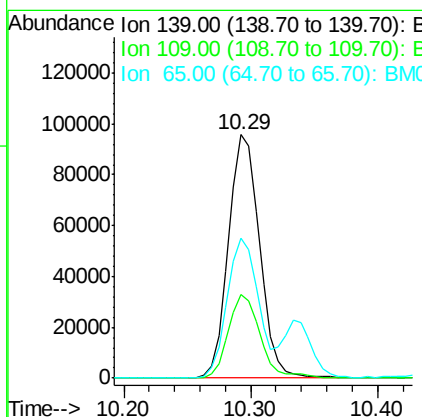
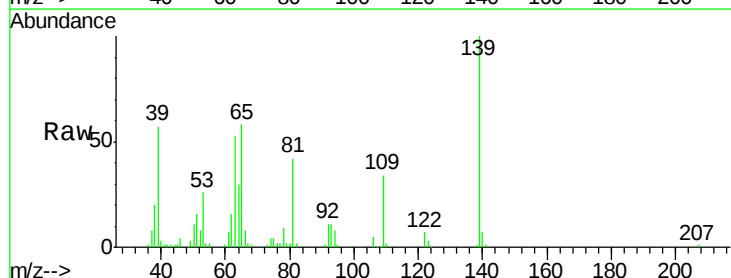
Manual Integrations  
APPROVED

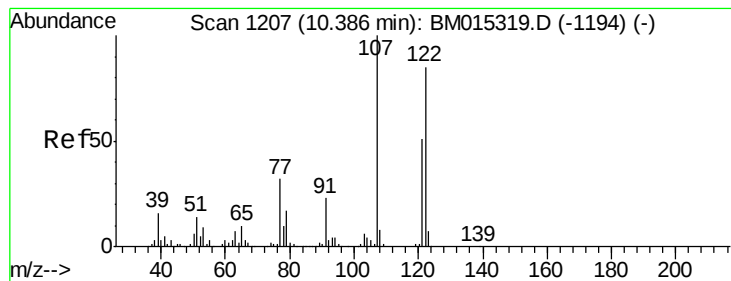
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#26  
2-Nitrophenol  
Concen: 32.388 ng  
RT: 10.29 min Scan# 1191  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | 139   | Resp  | 162385 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 139     | 100   |       |        |
| 109     | 34.1  | 20.1  | 30.1#  |
| 65      | 57.7  | 31.5  | 47.3#  |





#27

2,4-Dimethylphenol

Concen: 31.175 ng

RT: 10.34 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Instrument :

BNA\_M

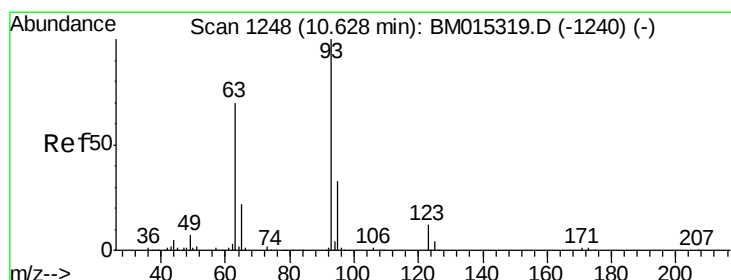
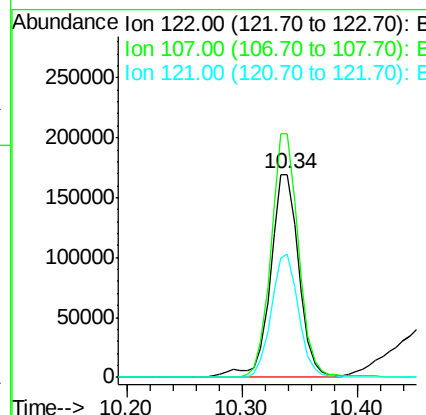
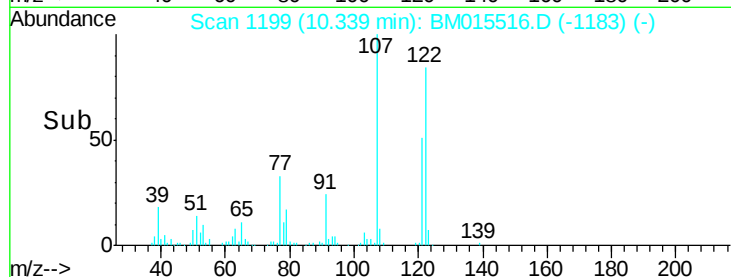
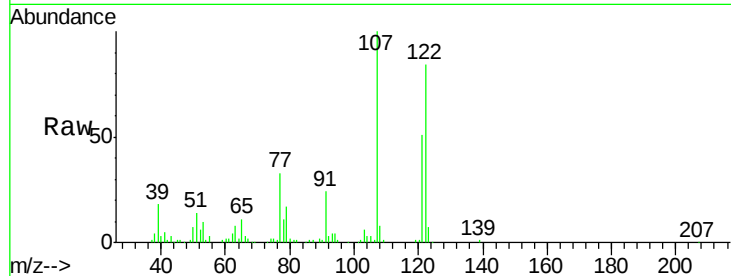
ClientSampleId :

PB109980BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 293281 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 119.7 | 84.7  | 127.1  |
| 121       | 60.8  | 46.6  | 69.8   |

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#28

bis(2-Chloroethoxy)methane

Concen: 29.735 ng

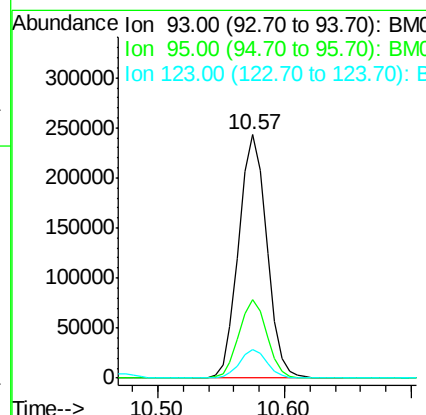
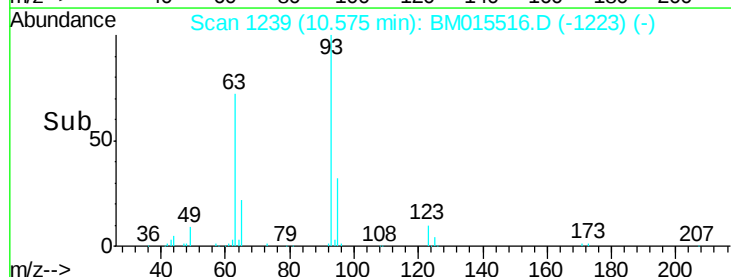
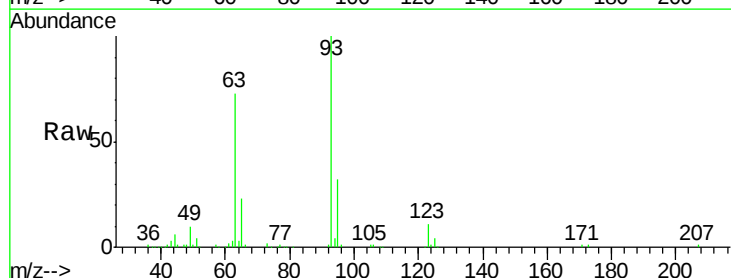
RT: 10.57 min Scan# 1239

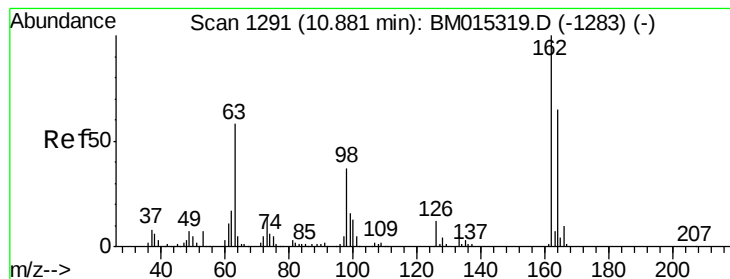
Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 373488 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.3  | 25.5  | 38.3   |
| 123       | 11.5  | 8.6   | 13.0   |





#29

2,4-Dichlorophenol

Concen: 32.033 ng

RT: 10.83 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Instrument :

BNA\_M

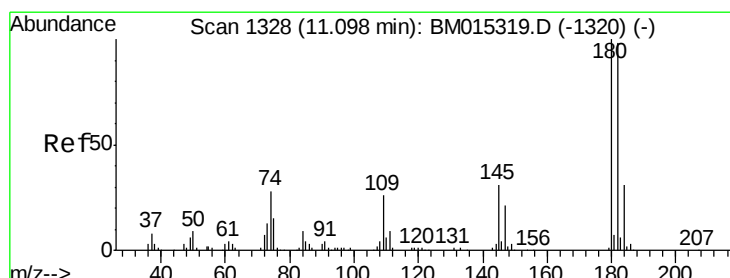
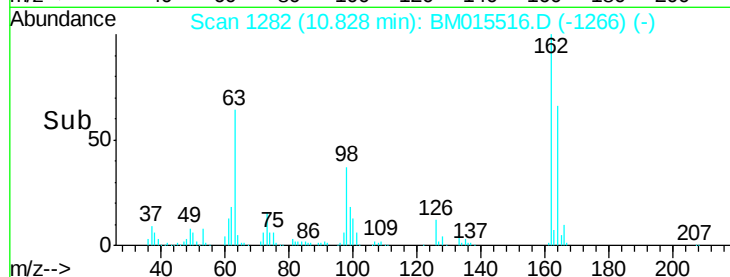
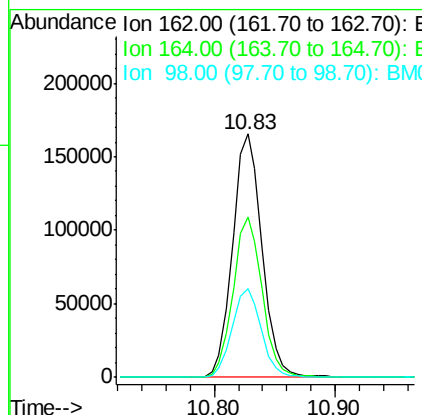
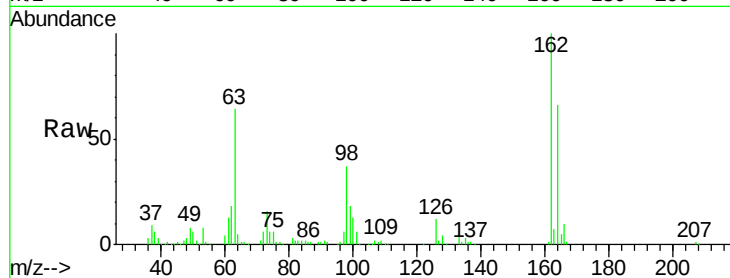
ClientSampled :

PB109980BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 280877 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 65.7  | 42.8  | 82.8   |
| 98        | 36.5  | 14.5  | 54.5   |

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#30

1,2,4-Trichlorobenzene

Concen: 32.816 ng

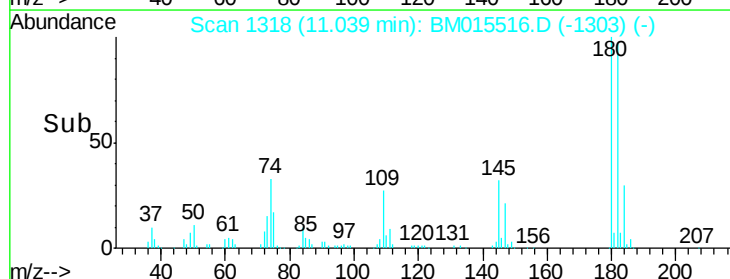
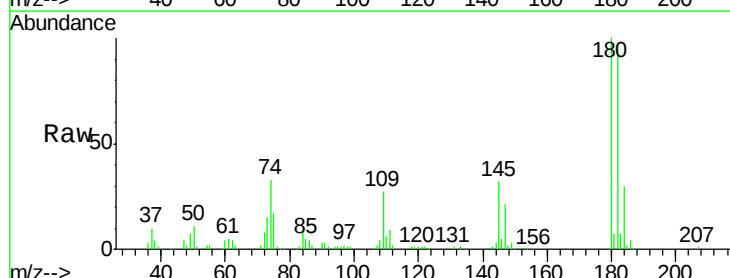
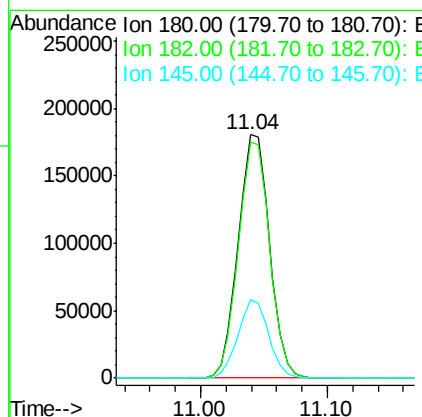
RT: 11.04 min Scan# 1318

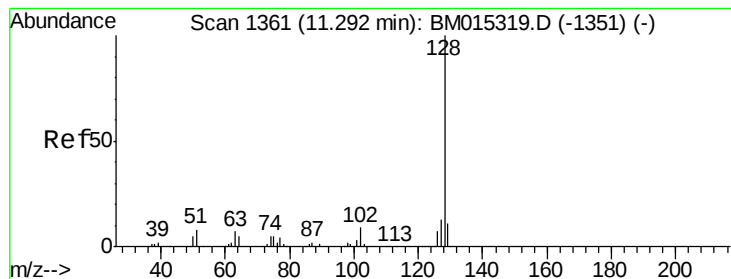
Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 309037 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.1  | 77.6  | 116.4  |
| 145       | 32.3  | 23.4  | 35.2   |





#31

Naphthalene

Concen: 32.006 ng

RT: 11.23 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Instrument :

BNA\_M

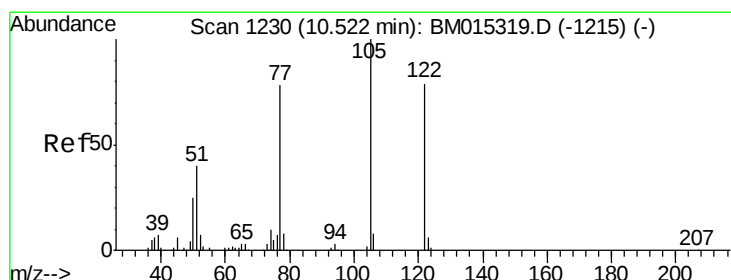
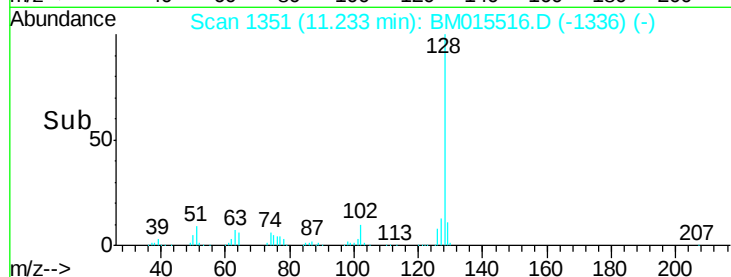
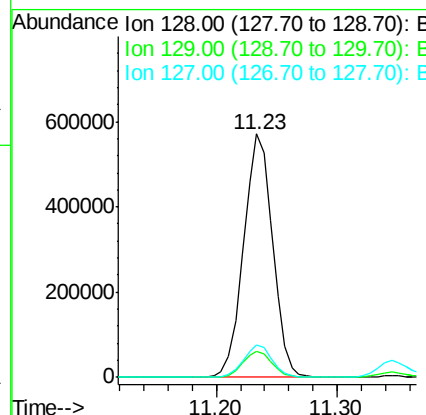
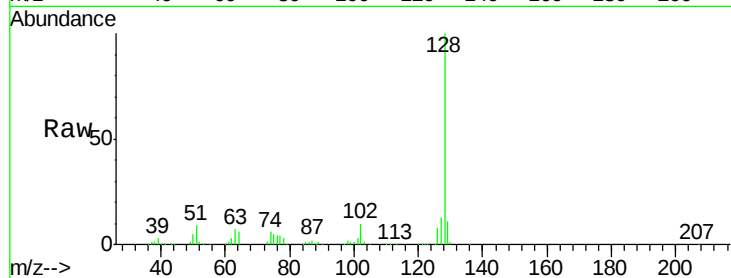
ClientSampleId :

PB109980BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 956893 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 10.8  | 8.9   | 13.3   |
| 127       | 13.1  | 10.4  | 15.6   |

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#32

Benzoic acid

Concen: 25.133 ng m

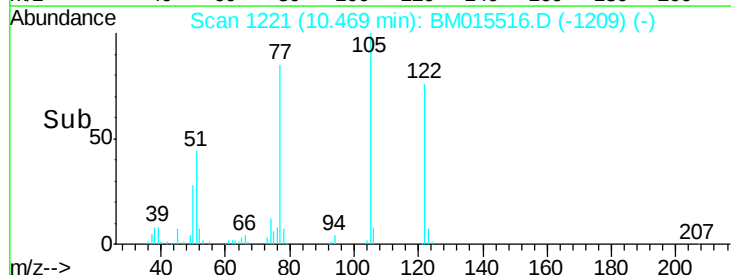
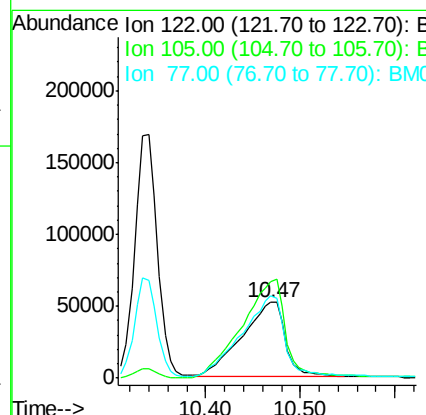
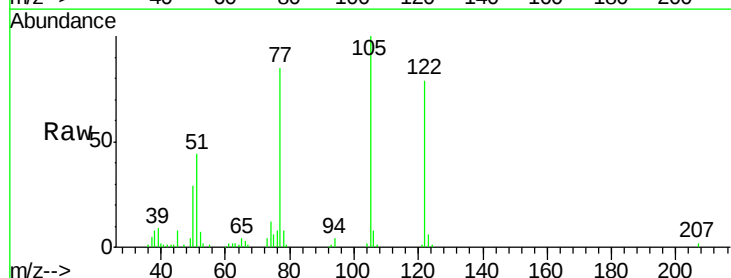
RT: 10.47 min Scan# 1221

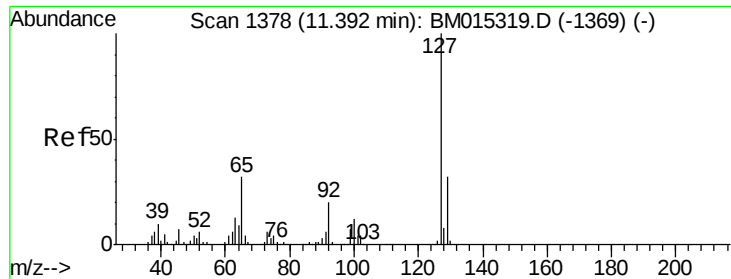
Delta R.T. -0.03 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 167639 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 127.3 | 99.9  | 139.9  |
| 77        | 108.8 | 73.7  | 113.7  |





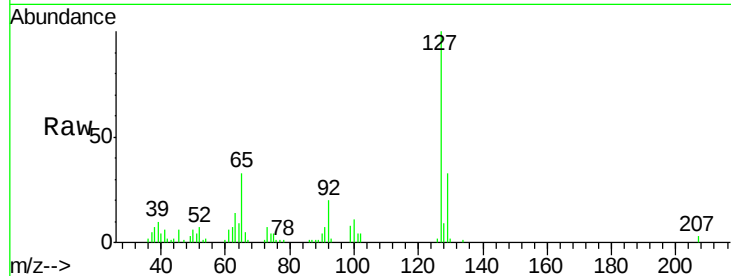
#33  
4-Chloroaniline  
Concen: 5.469 ng  
RT: 11.35 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

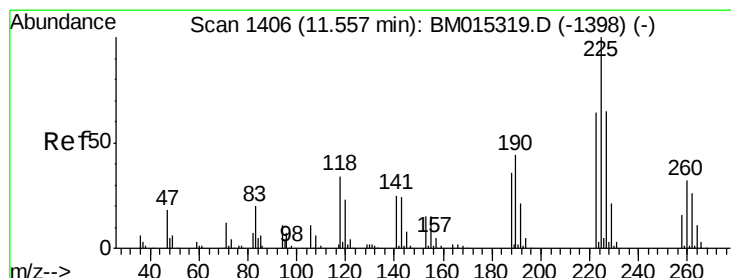
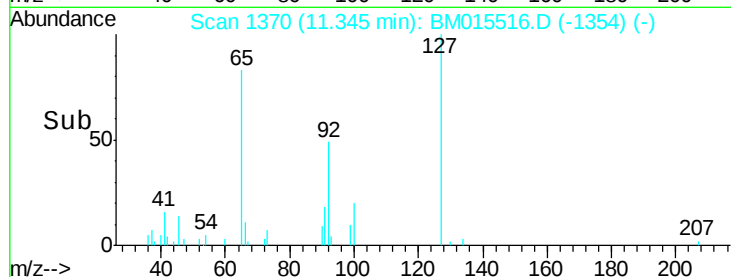
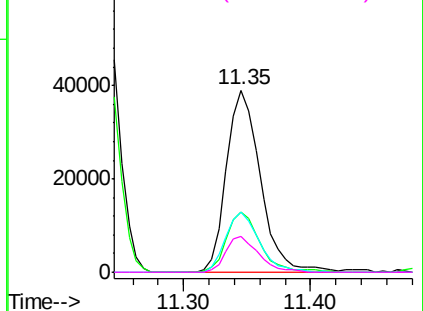
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.1 | 25.3  | 37.9 |       |       |
| 65      | 33.4 | 17.6  | 26.4 |       |       |
| 92      | 19.6 | 13.1  | 19.7 |       |       |

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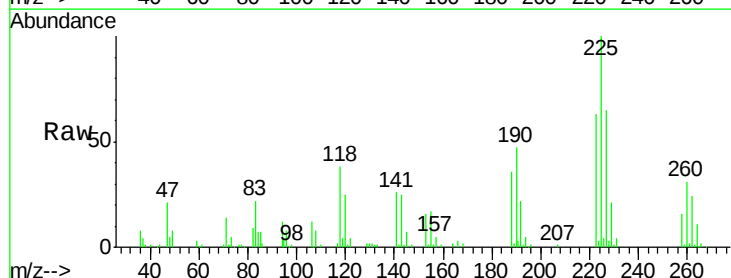


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

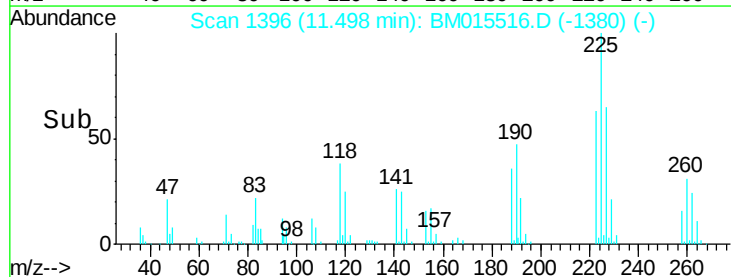
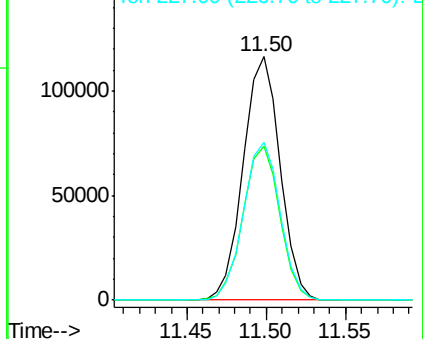


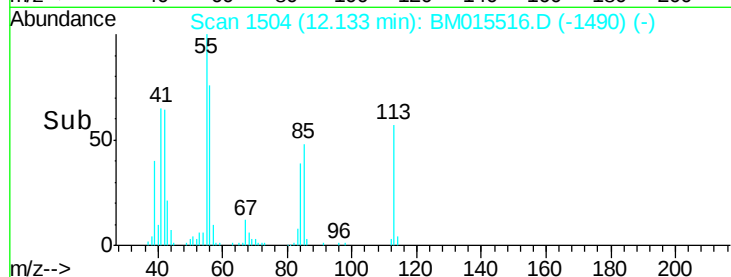
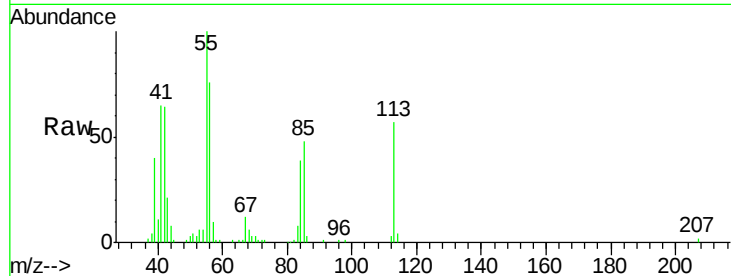
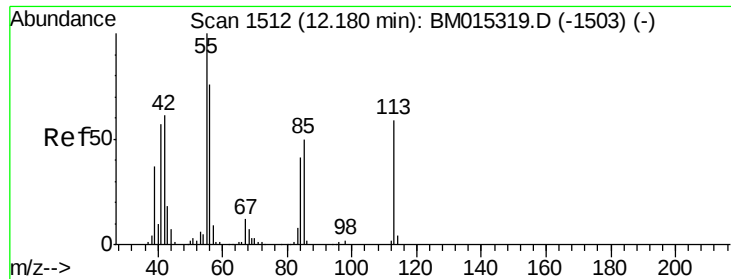
#34  
Hexachlorobutadiene  
Concen: 34.515 ng  
RT: 11.50 min Scan# 1396  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.3 | 47.9  | 71.9 |       |       |
| 227     | 64.8 | 50.1  | 75.1 |       |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





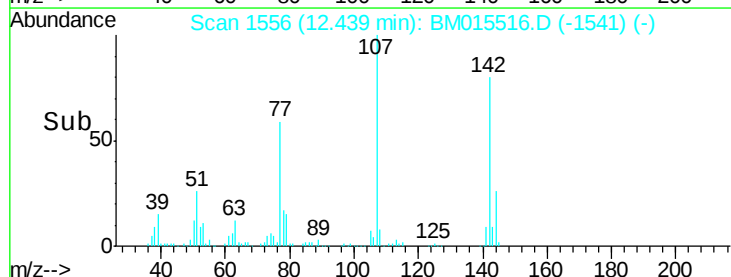
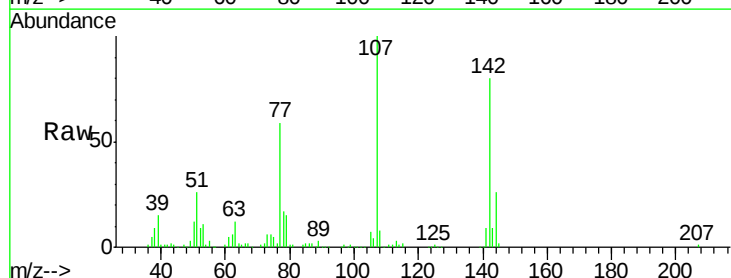
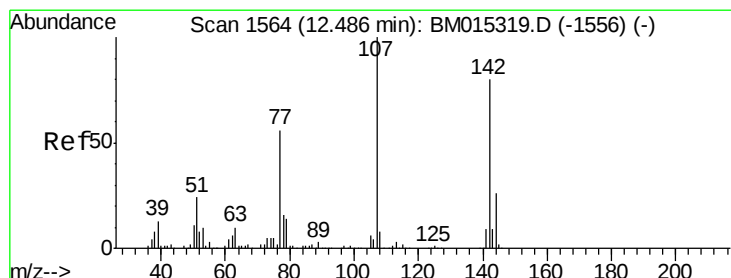
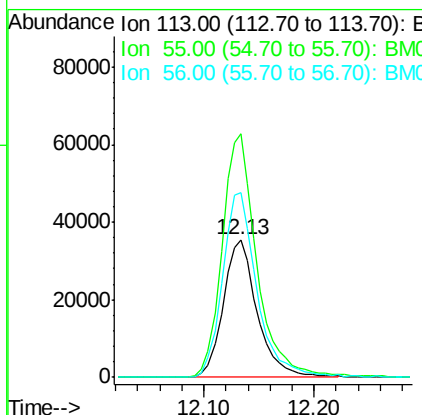
#35  
Caprolactam  
Concen: 22.577 ng  
RT: 12.13 min Scan# 1504  
Delta R.T. -0.02 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 176.9 | 145.9 | 185.9 |
| 56      | 133.9 | 101.0 | 141.0 |

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

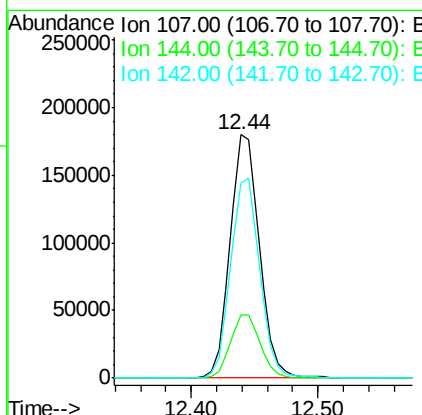
Manual Integrations  
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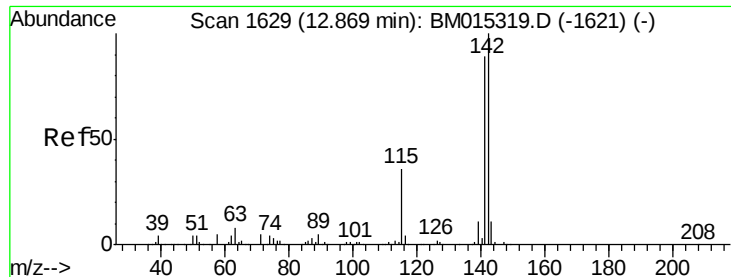
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#36  
4-Chloro-3-methylphenol  
Concen: 27.597 ng  
RT: 12.44 min Scan# 1556  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 25.7  | 23.3  | 34.9  |
| 142     | 80.2  | 72.6  | 109.0 |





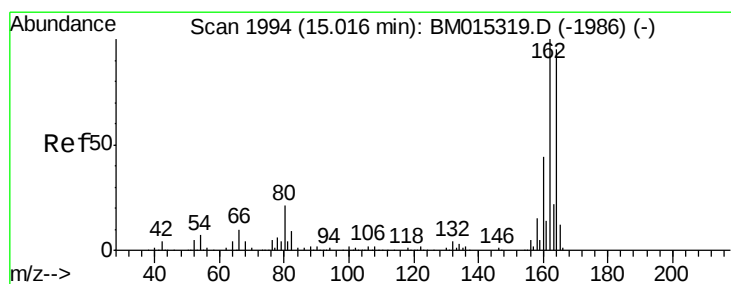
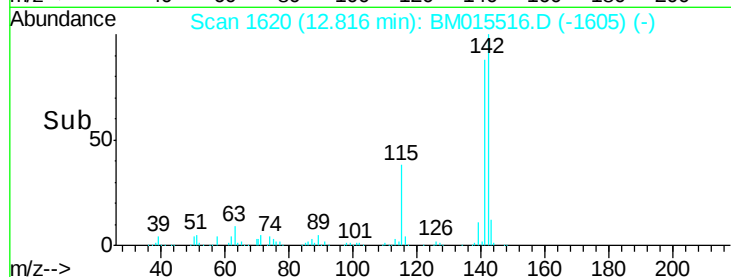
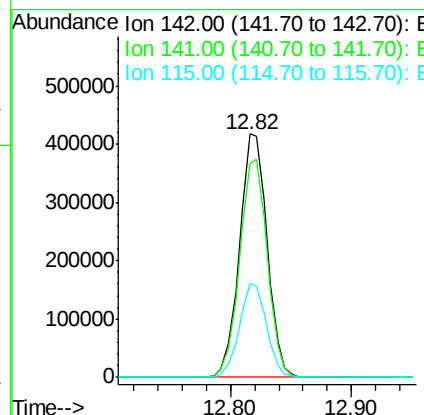
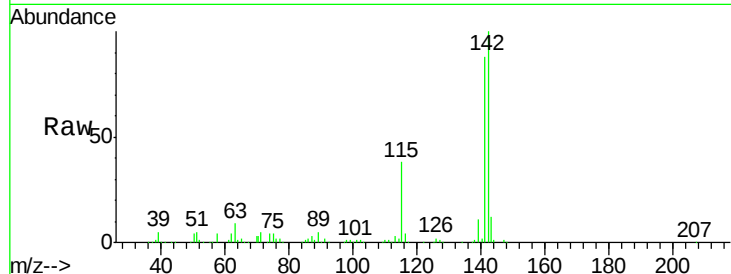
#37  
2-Methylnaphthalene  
Concen: 29.650 ng  
RT: 12.82 min Scan# 1620  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.0  | 71.9  | 107.9 |
| 115     | 38.4  | 25.4  | 38.0  |

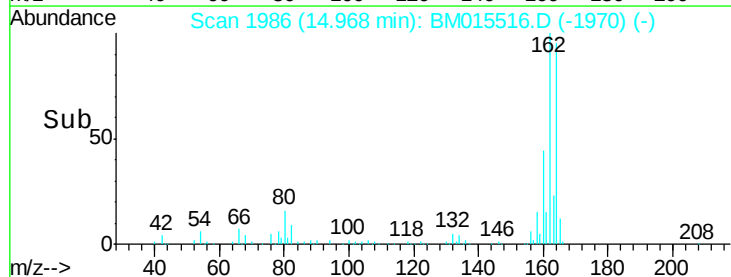
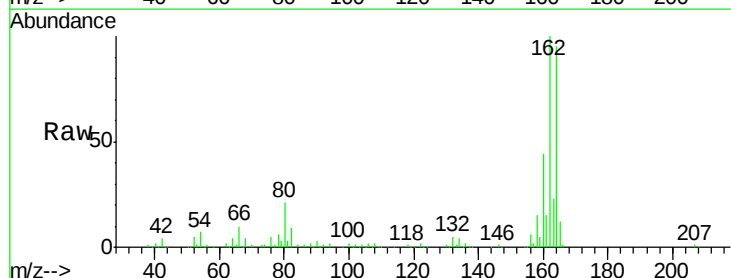
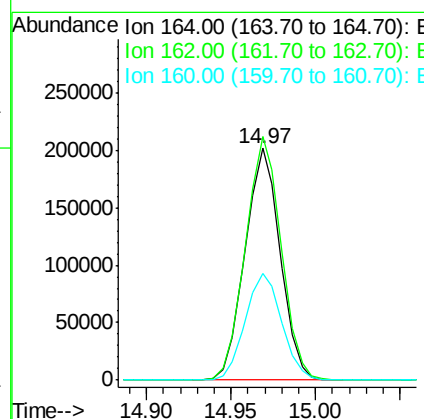
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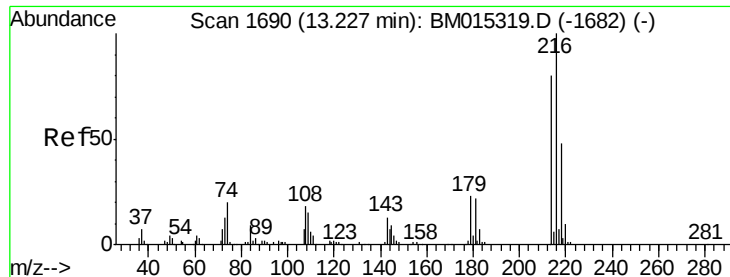
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.97 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.0 | 82.4  | 123.6 |
| 160     | 46.0  | 35.8  | 53.6  |





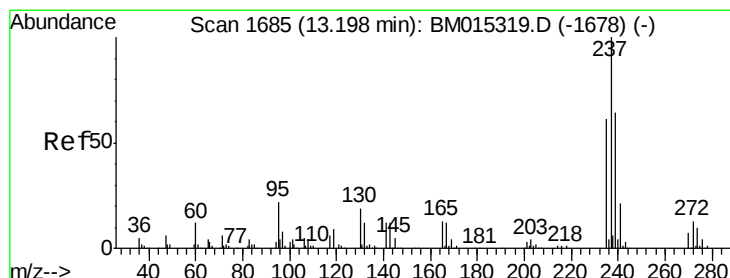
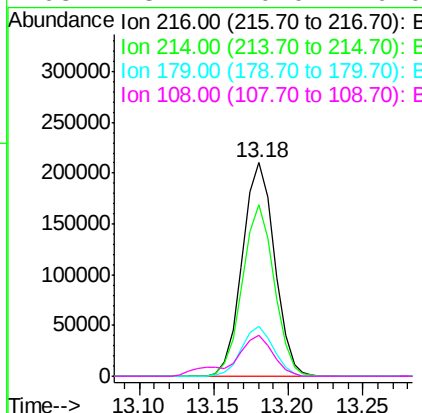
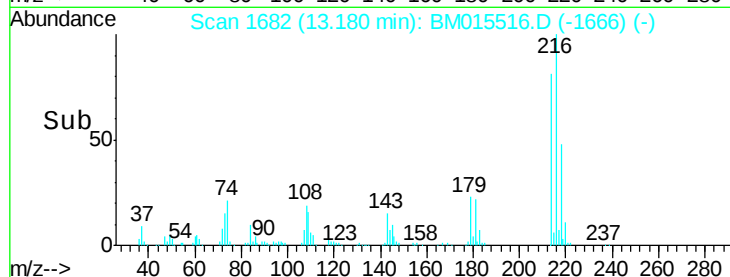
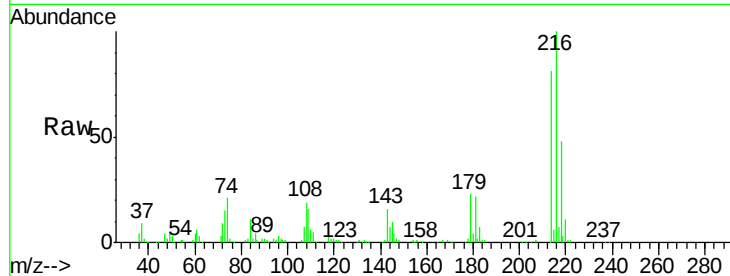
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.909 ng  
 RT: 13.18 min Scan# 1682  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.8  | 0.0   | 0.0#  |
| 179     | 23.0  | 0.0   | 0.0#  |
| 108     | 23.2  | 0.0   | 0.0#  |

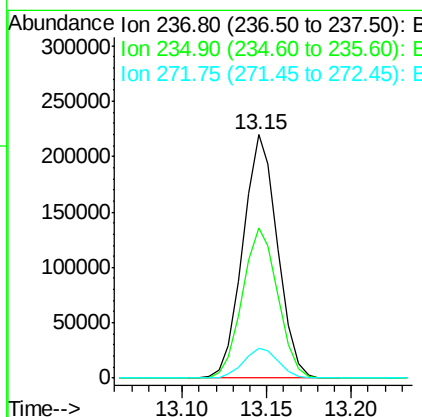
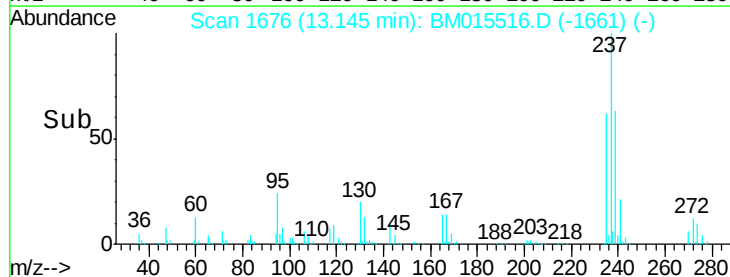
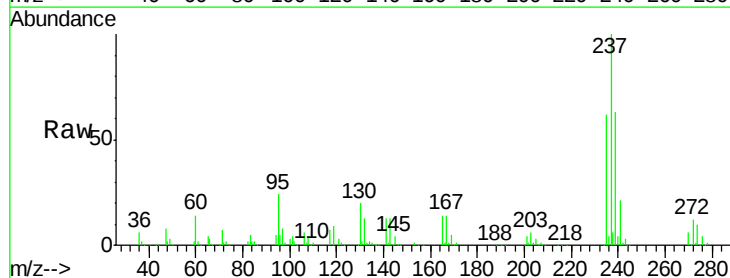
Manual Integrations  
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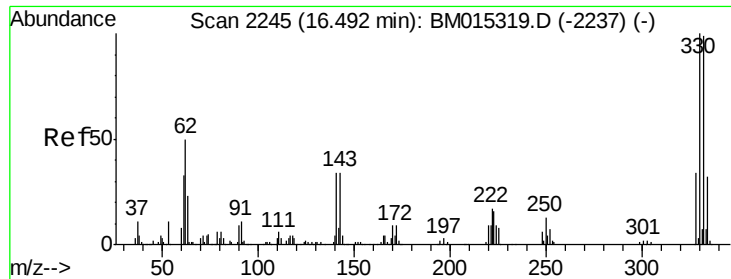
Sohil  
 6/7/2018 1:05:06 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 61.864 ng  
 RT: 13.15 min Scan# 1676  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 61.7  | 42.0  | 82.0  |
| 272     | 12.2  | 0.0   | 33.4  |





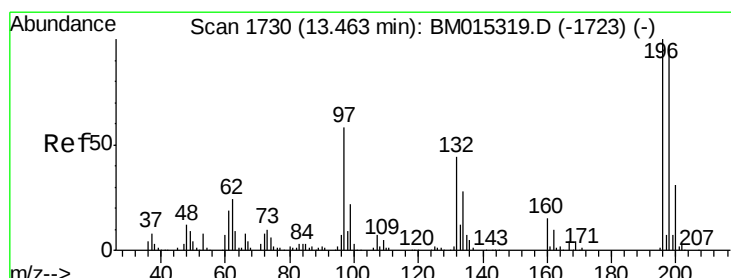
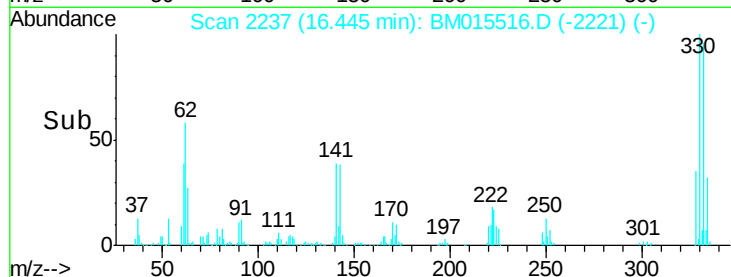
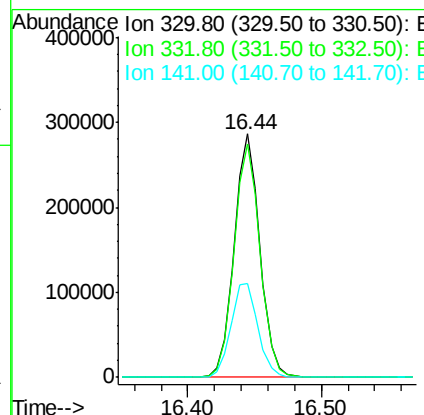
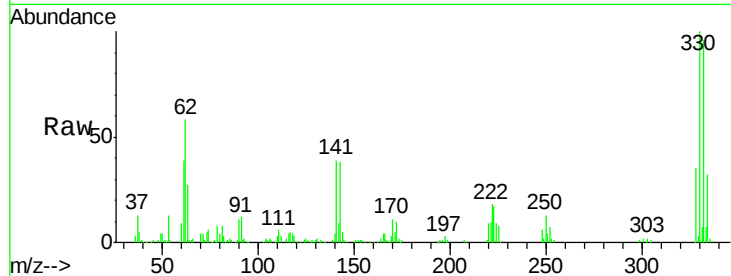
#41  
 2,4,6-Tribromophenol  
 Concen: 91.672 ng  
 RT: 16.44 min Scan# 2237  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB109980BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 386200 |       |       |
| 332     | 96.9  | 0.0    | 0.0   | 0.0   |
| 141     | 40.6  | 0.0    | 0.0   | 0.0   |

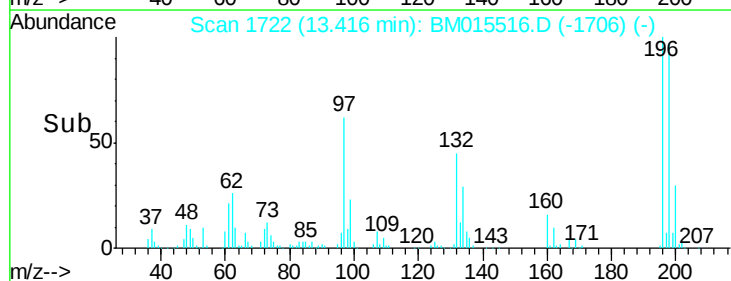
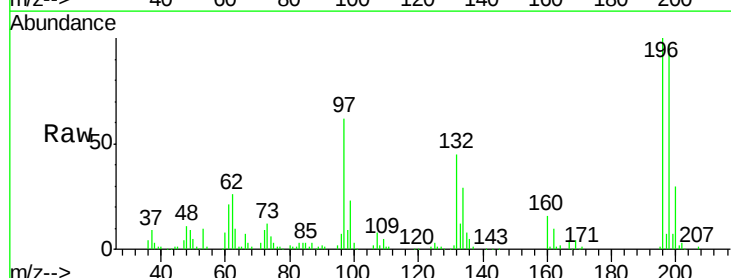
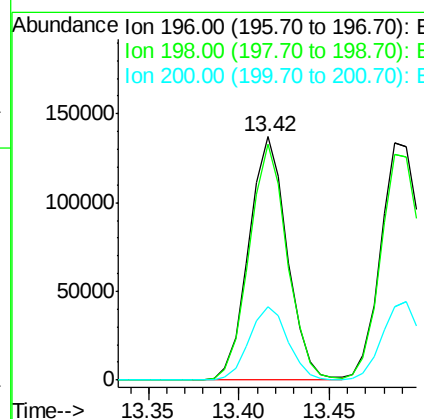
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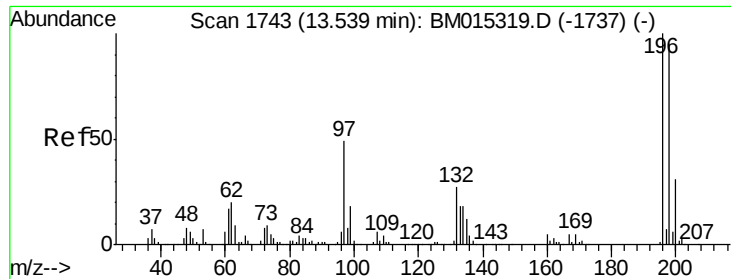
Sohil  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 32.897 ng  
 RT: 13.42 min Scan# 1722  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 201460 |       |       |
| 198     | 96.7  | 76.3   | 114.5 |       |
| 200     | 30.2  | 25.6   | 38.4  |       |





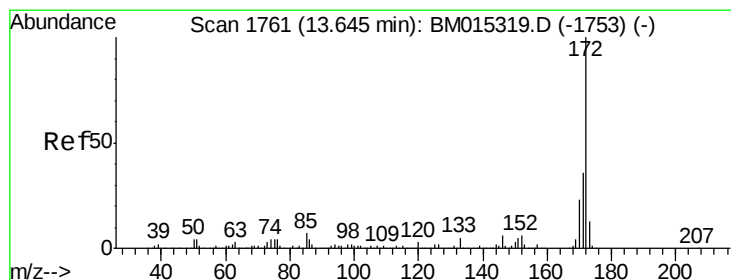
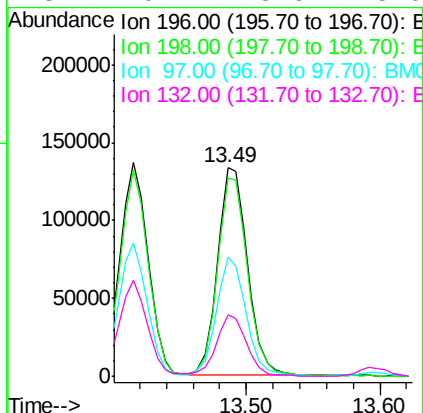
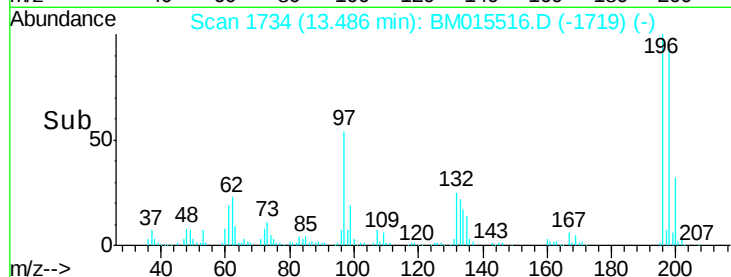
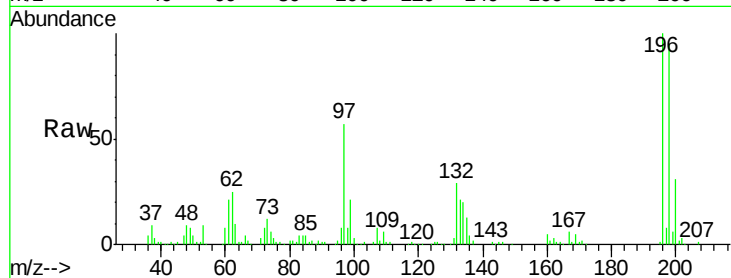
#43  
 2,4,5-Trichlorophenol  
 Concen: 31.392 ng  
 RT: 13.49 min Scan# 1734  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.0  | 79.4  | 119.0 |
| 97      | 57.2  | 26.8  | 40.2  |
| 132     | 29.4  | 18.6  | 28.0  |

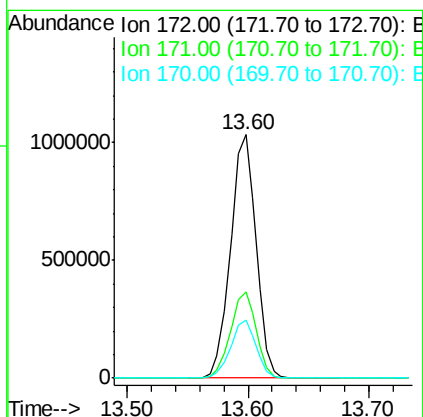
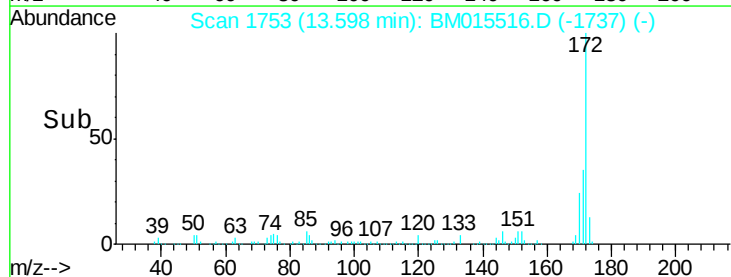
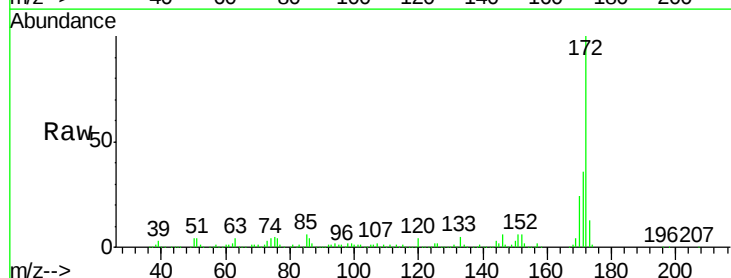
Manual Integrations  
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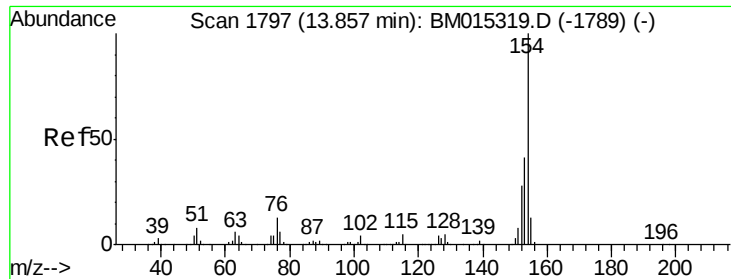
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#44  
 2-Fluorobiphenyl  
 Concen: 69.639 ng  
 RT: 13.60 min Scan# 1753  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 28.5  | 42.7  |
| 170     | 23.6  | 18.8  | 28.2  |





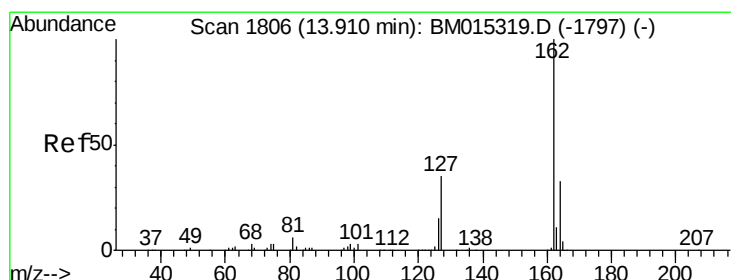
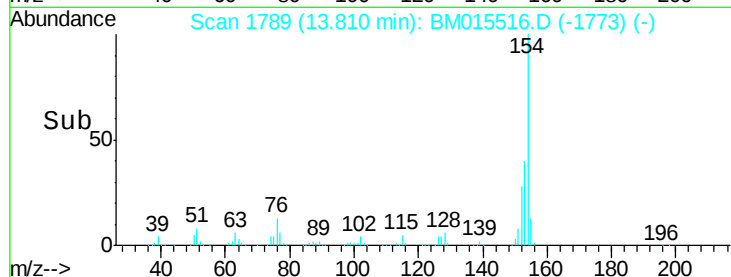
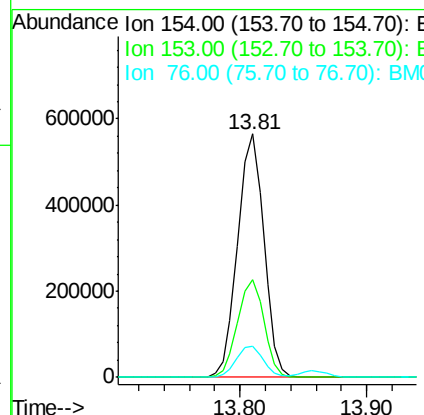
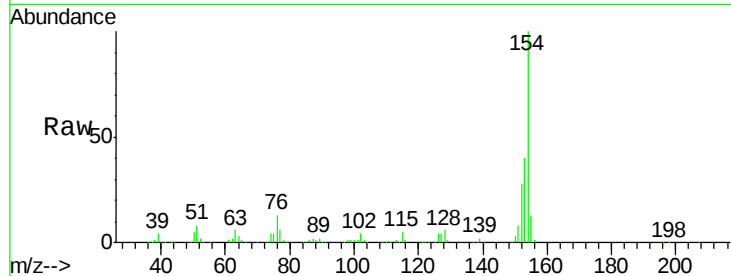
#45  
 1,1'-Biphenyl  
 Concen: 33.393 ng  
 RT: 13.81 min Scan# 1789  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB109980BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 809106 |       |       |
| 153     | 40.3  | 20.7   | 60.7  |       |
| 76      | 12.9  | 0.0    | 30.9  |       |

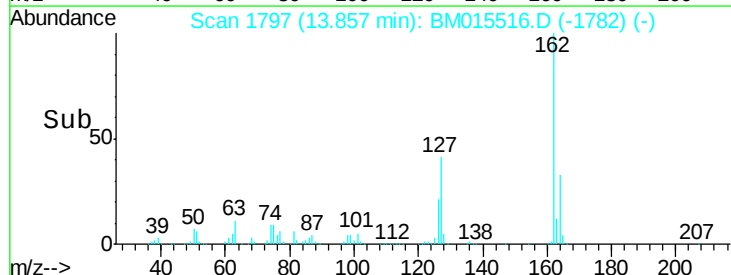
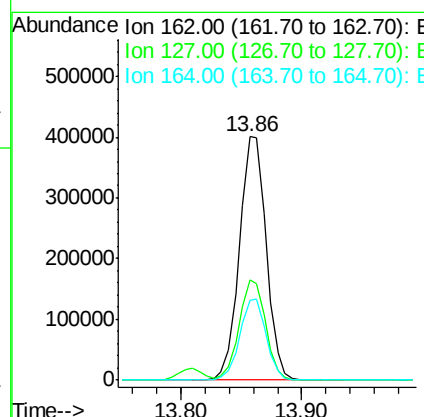
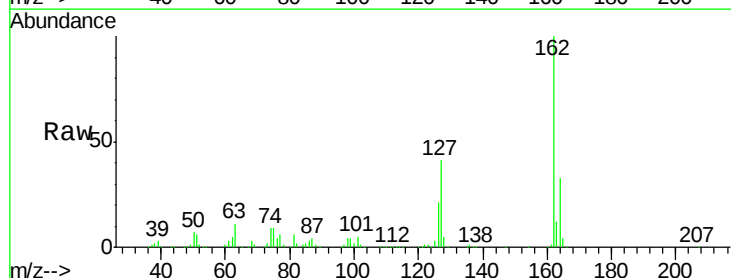
Manual Integrations  
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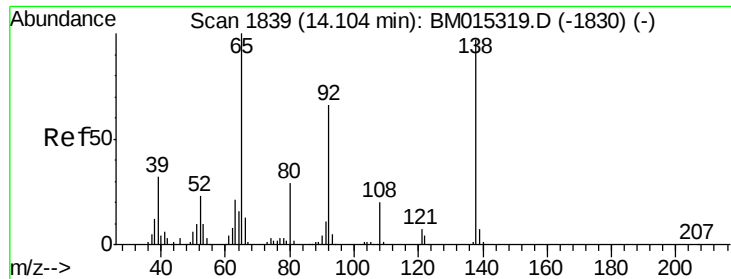
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#46  
 2-Chloronaphthalene  
 Concen: 33.423 ng  
 RT: 13.86 min Scan# 1797  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 620900 |       |       |
| 127     | 41.2  | 26.9   | 40.3# |       |
| 164     | 32.6  | 26.8   | 40.2  |       |





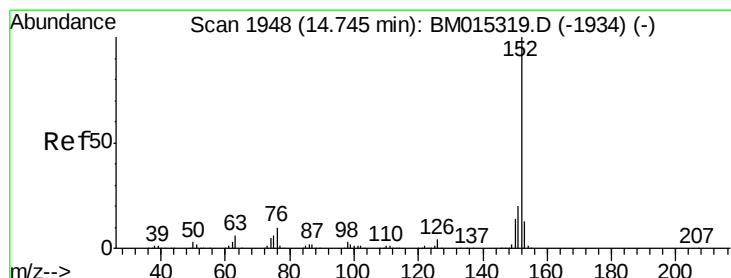
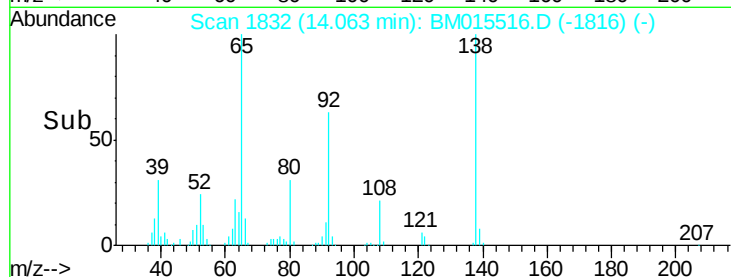
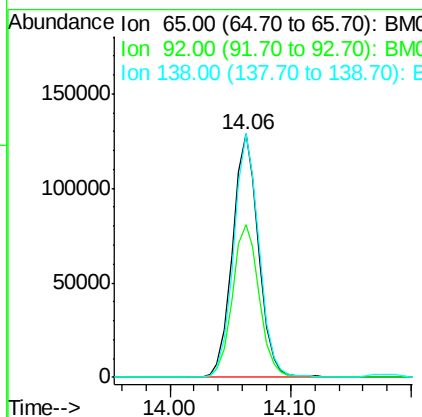
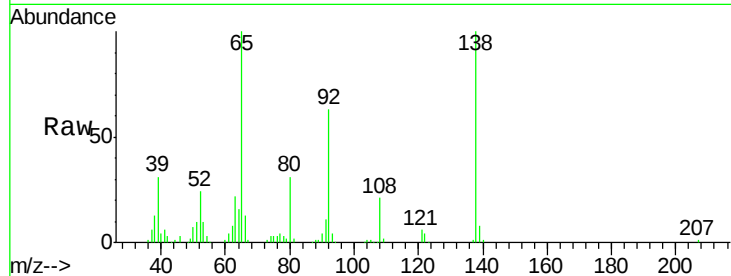
#47  
2-Nitroaniline  
Concen: 31.511 ng  
RT: 14.06 min Scan# 1832  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 62.6  | 59.1  | 88.7  |
| 138     | 100.0 | 93.9  | 140.9 |

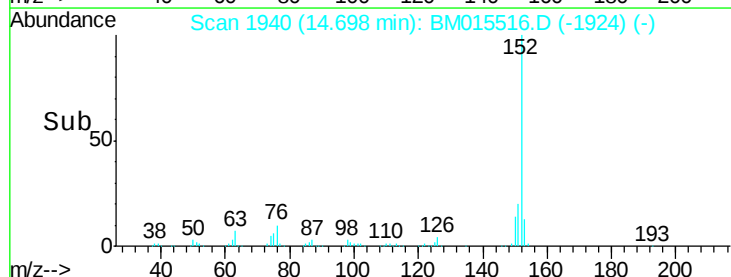
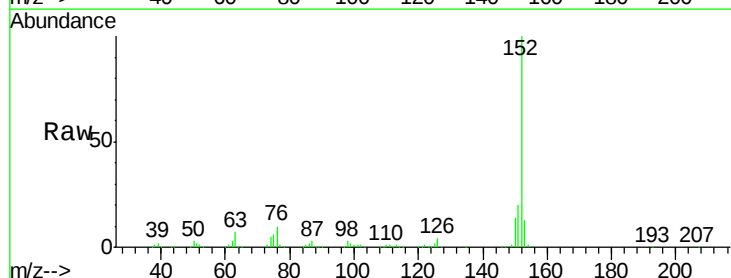
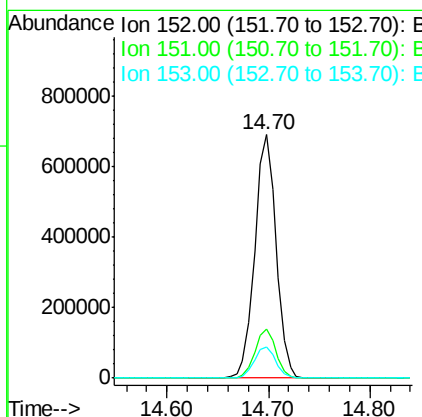
Manual Integrations  
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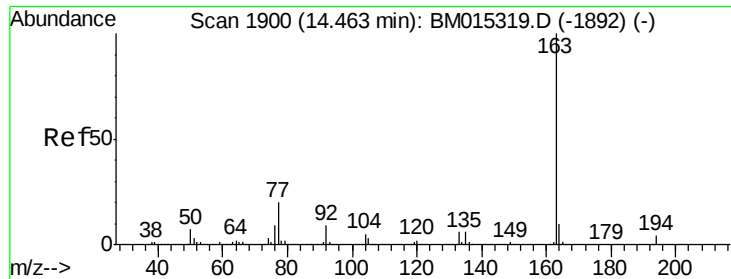
Sohil  
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#48  
Acenaphthylene  
Concen: 33.951 ng  
RT: 14.70 min Scan# 1940  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.0  | 15.9  | 23.9  |
| 153     | 12.7  | 10.6  | 16.0  |





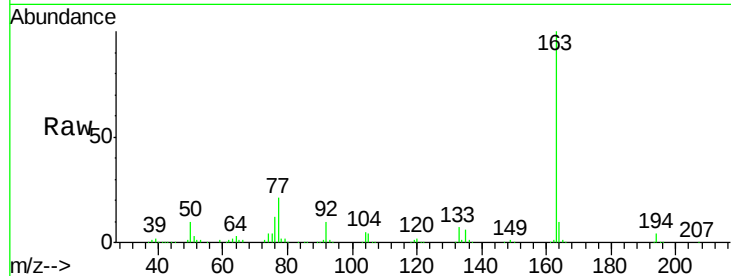
#49  
Dimethylphthalate  
Concen: 30.061 ng  
RT: 14.42 min Scan# 1892  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

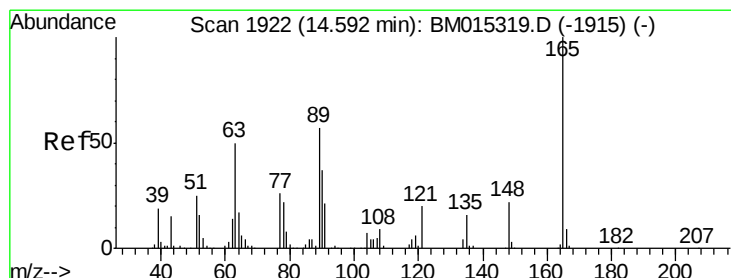
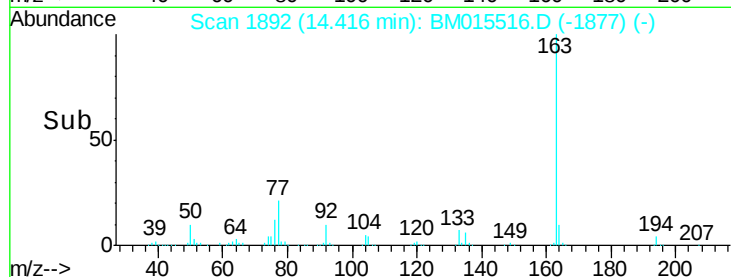
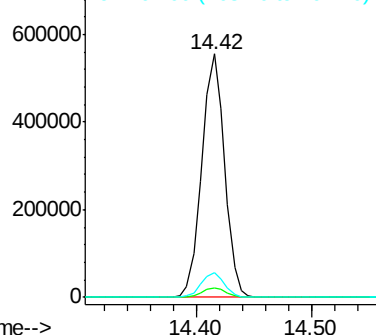
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 163     | 100  |       | 756671 |       |       |
| 194     | 4.0  |       | 2.7    | 4.1   |       |
| 164     | 10.1 |       | 8.2    | 12.2  |       |

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6/7/2018 1:05:06 PM



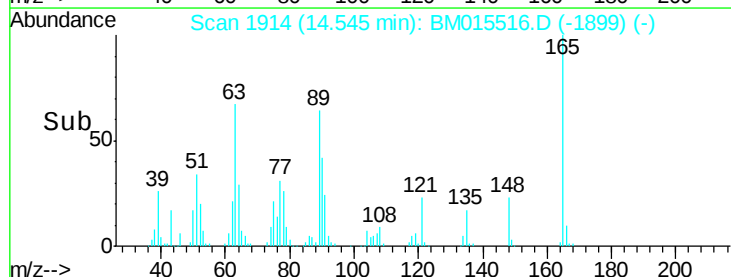
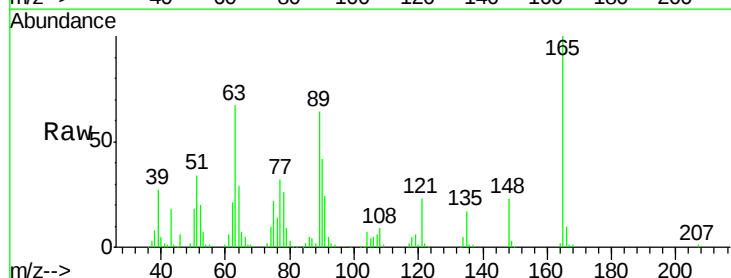
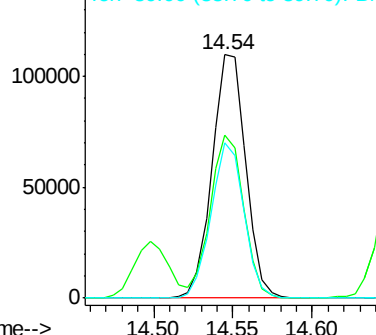
Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

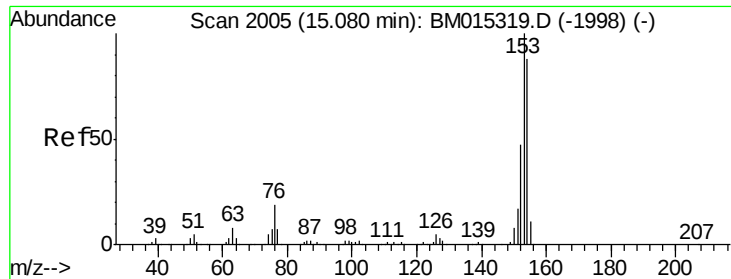


#50  
2,6-Dinitrotoluene  
Concen: 30.188 ng  
RT: 14.54 min Scan# 1914  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 161560 |       |       |
| 63      | 67.0 |       | 44.1   | 66.1# |       |
| 89      | 63.7 |       | 44.3   | 66.5  |       |

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





#51

Acenaphthene

Concen: 32.240 ng

RT: 15.03 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Instrument :

BNA\_M

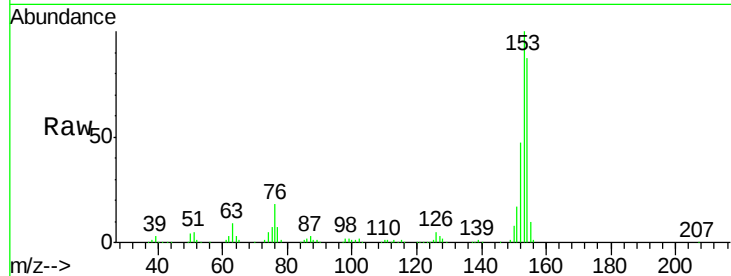
ClientSampleId :

PB109980BS

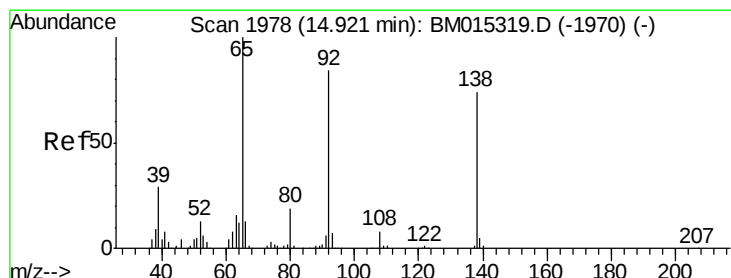
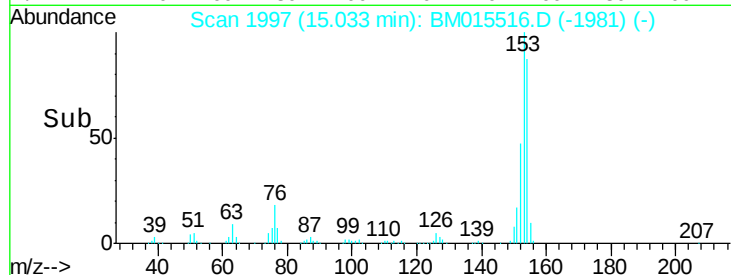
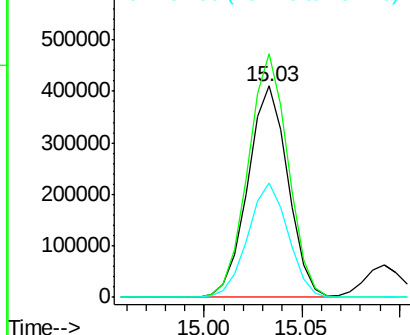
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 585774 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.3 | 90.0  | 135.0  |
| 152       | 54.2  | 42.6  | 63.8   |

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



#52

3-Nitroaniline

Concen: 9.828 ng

RT: 14.88 min Scan# 1971

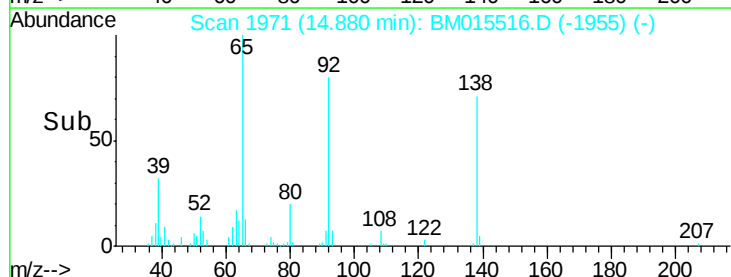
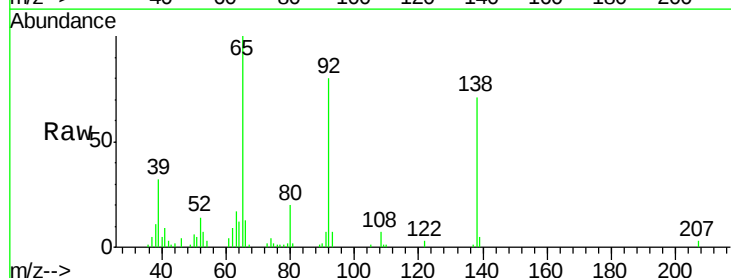
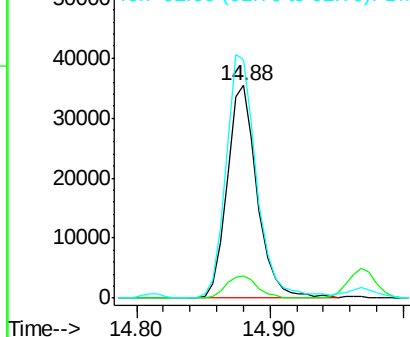
Delta R.T. -0.01 min

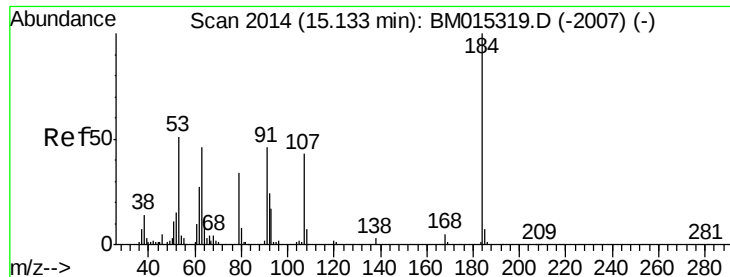
Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 55856 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.2  | 7.3   | 10.9  |
| 92        | 112.4 | 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





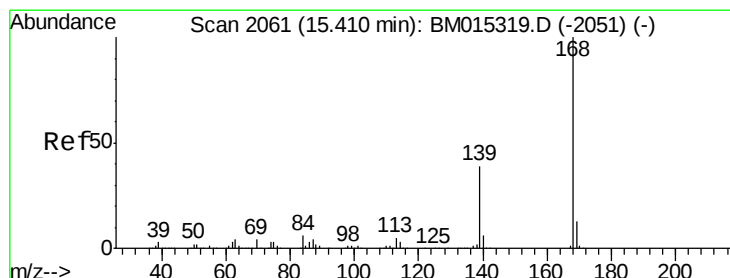
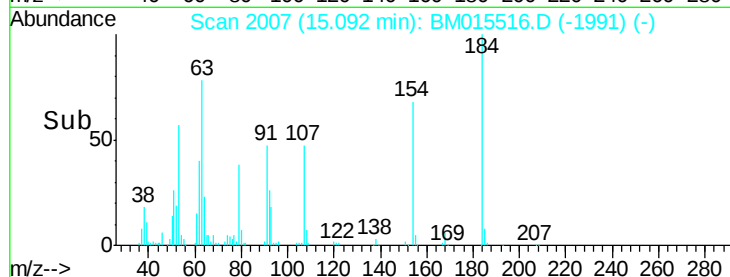
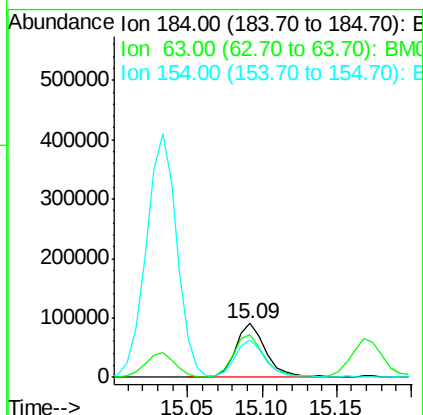
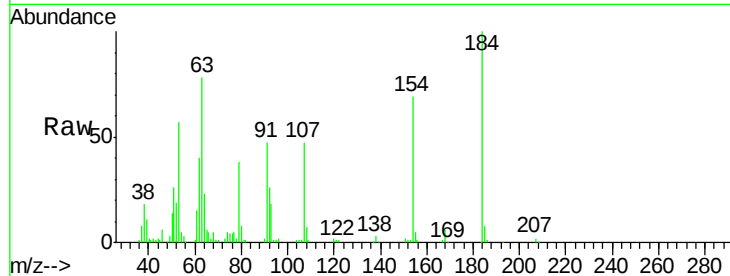
#53  
2,4-Dinitrophenol  
Concen: 41.172 ng  
RT: 15.09 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampled :  
PB109980BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 129299 |       |       |
| 63      | 78.4  | 69.2   | 103.8 |       |
| 154     | 69.2  | 53.3   | 79.9  |       |

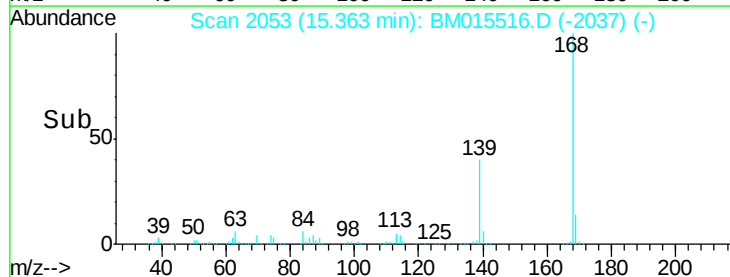
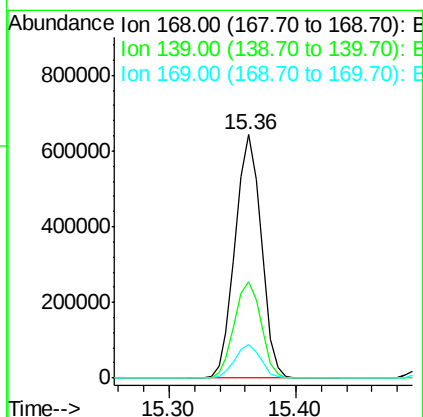
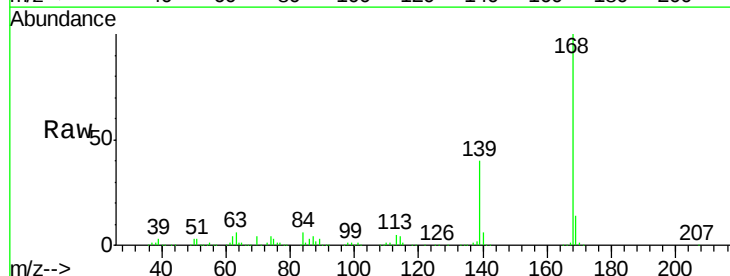
Manual Integrations  
APPROVED

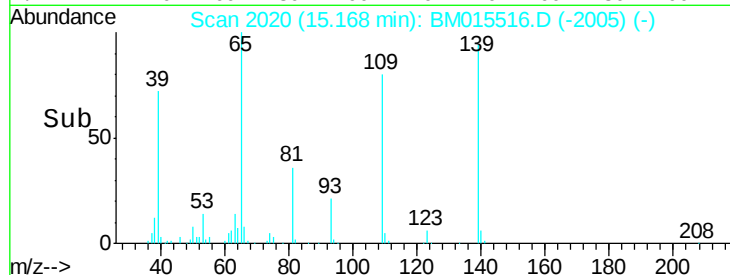
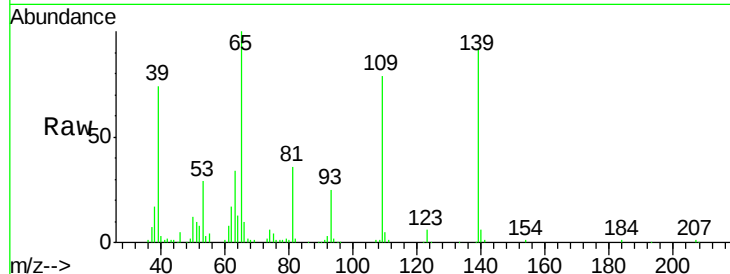
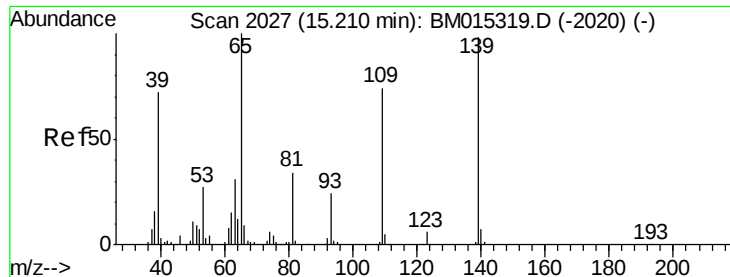
Sohil  
6/7/2018 1:05:06 PM



#54  
Dibenzofuran  
Concen: 31.395 ng  
RT: 15.36 min Scan# 2053  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 918163 |       |       |
| 139     | 39.8  | 27.3   | 40.9  |       |
| 169     | 13.7  | 10.6   | 16.0  |       |





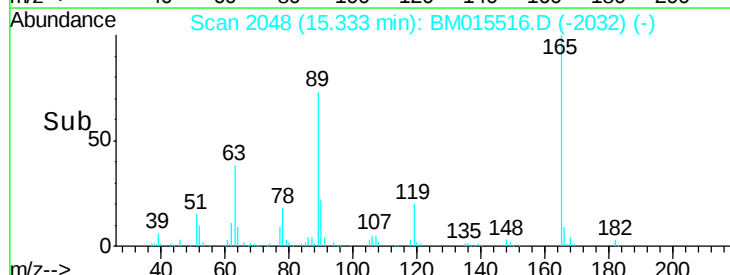
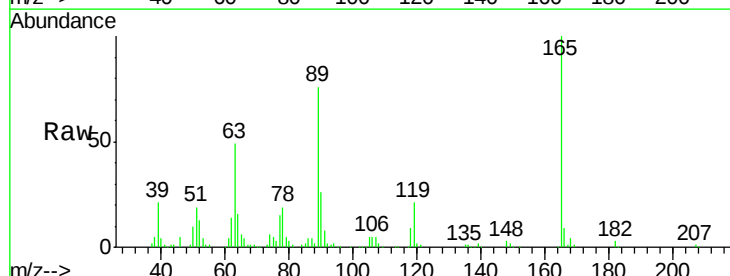
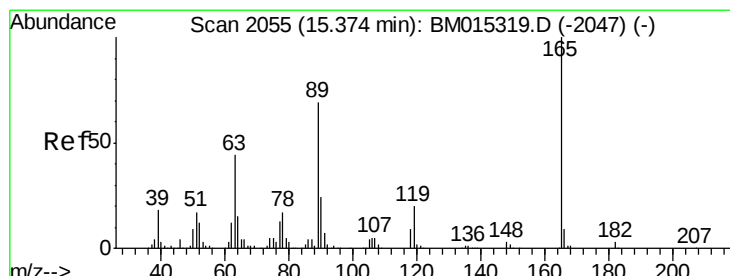
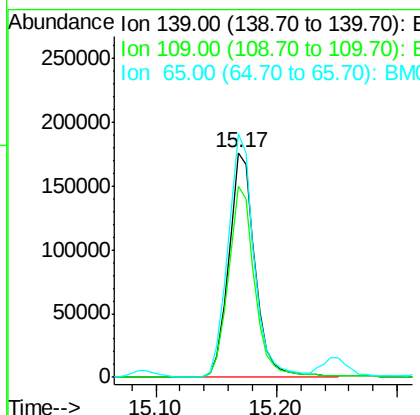
#55  
4-Nitrophenol  
Concen: 53.066 ng  
RT: 15.17 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 139     | 100   | 266378 |        |       |
| 109     | 85.2  | 130.0  | 170.0# |       |
| 65      | 108.3 | 130.0  | 170.0# |       |

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

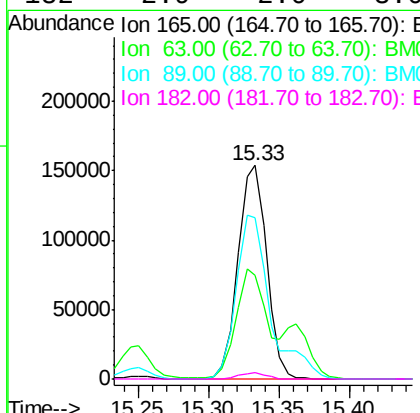
Manual Integrations  
APPROVED

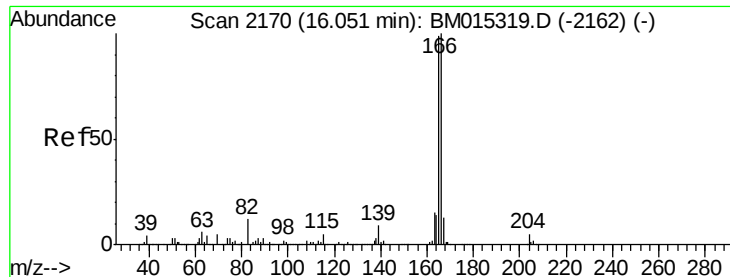
Sohil  
6/7/2018 1:05:06 PM



#56  
2,4-Dinitrotoluene  
Concen: 29.412 ng  
RT: 15.33 min Scan# 2048  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 218668 |       |       |
| 63      | 48.7  | 52.4   | 78.6# |       |
| 89      | 75.6  | 72.4   | 108.6 |       |
| 182     | 2.9   | 2.0    | 3.0   |       |





#57

Fluorene

Concen: 30.603 ng

RT: 16.00 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Instrument :

BNA\_M

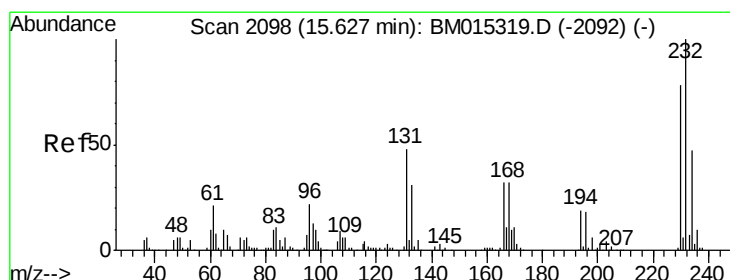
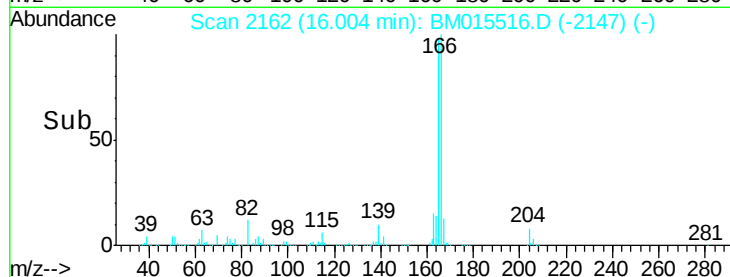
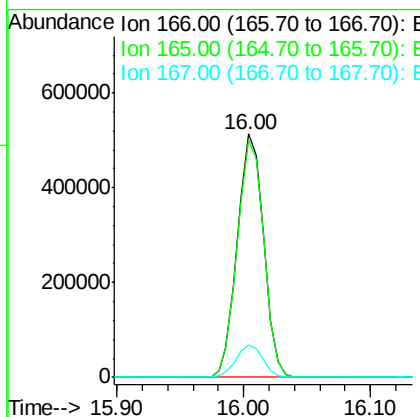
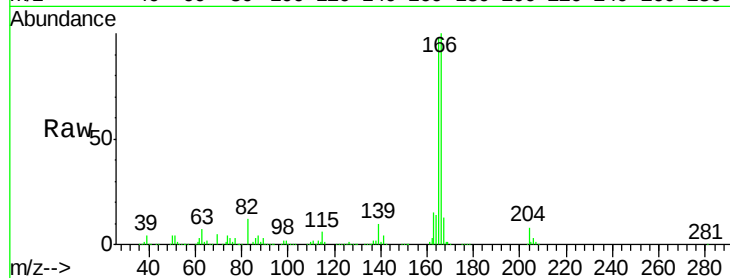
ClientSampleId :

PB109980BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 736334 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 97.5  | 79.0  | 118.4  |
| 167       | 13.2  | 10.3  | 15.5   |

Manual Integrations  
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Sohil  
6/7/2018 1:05:06 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.416 ng

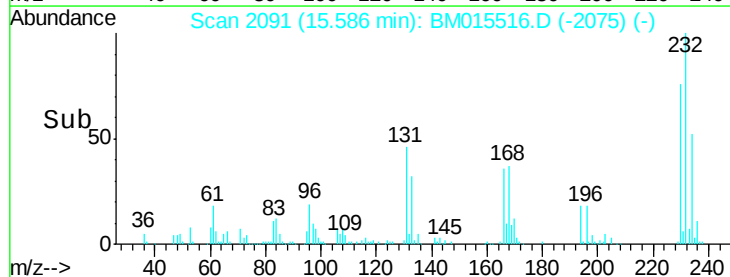
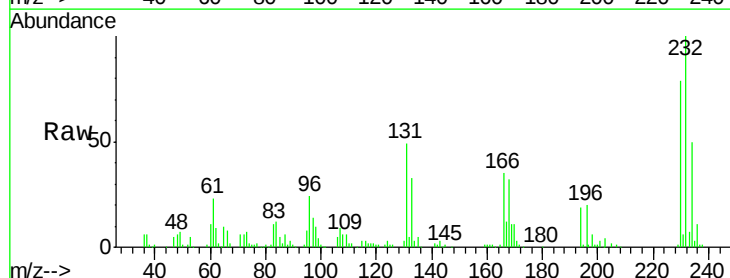
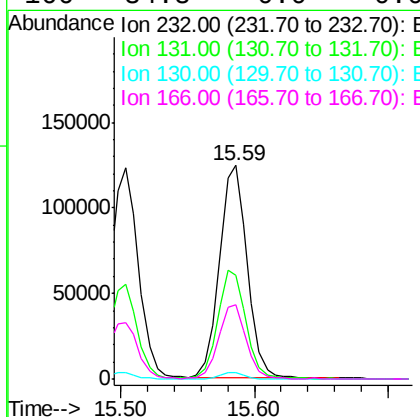
RT: 15.59 min Scan# 2091

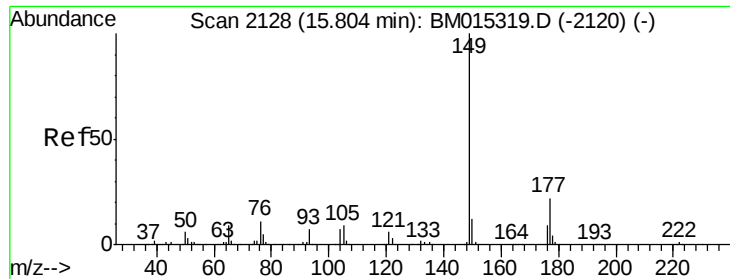
Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 182959 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 51.7  | 0.0   | 0.0#   |
| 130       | 2.9   | 0.0   | 0.0#   |
| 166       | 34.8  | 0.0   | 0.0#   |





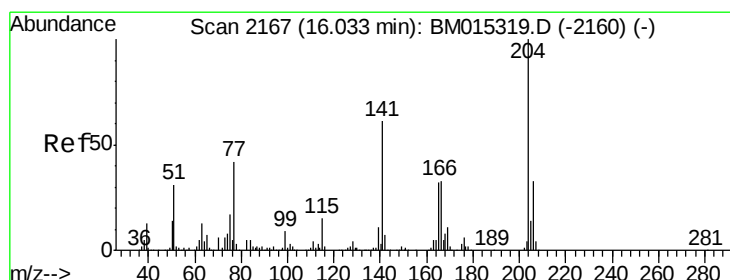
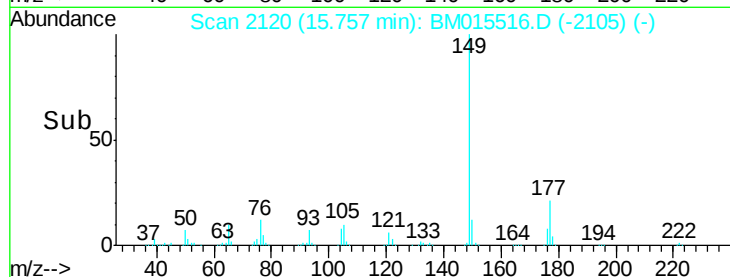
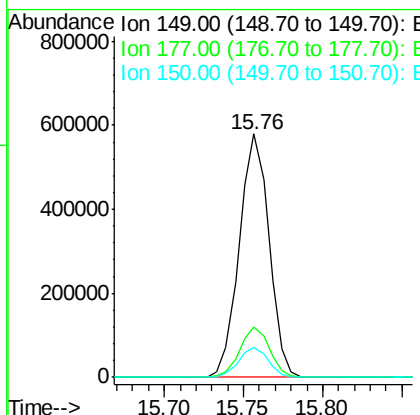
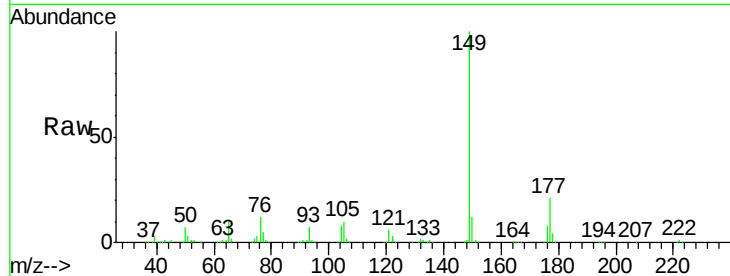
#59  
Diethylphthalate  
Concen: 29.023 ng  
RT: 15.76 min Scan# 2120  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.9  | 18.3  | 27.5  |
| 150     | 12.2  | 9.8   | 14.8  |

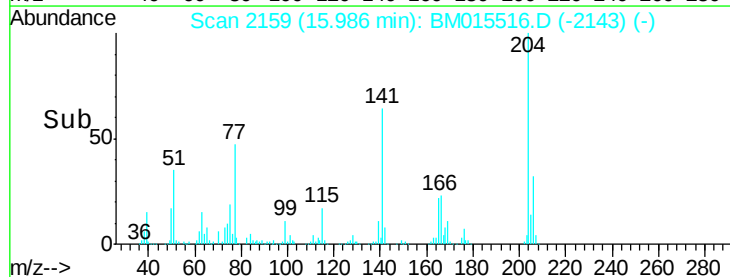
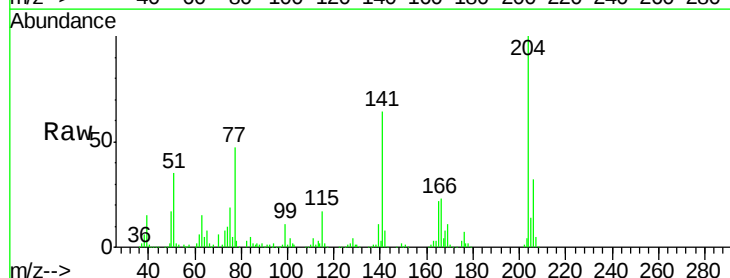
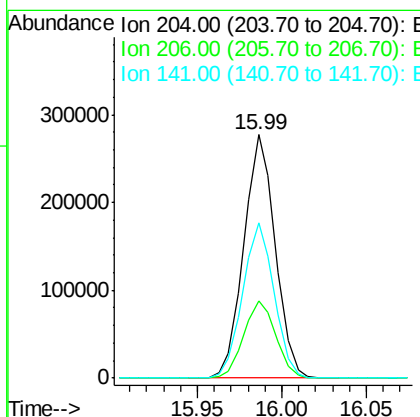
Manual Integrations  
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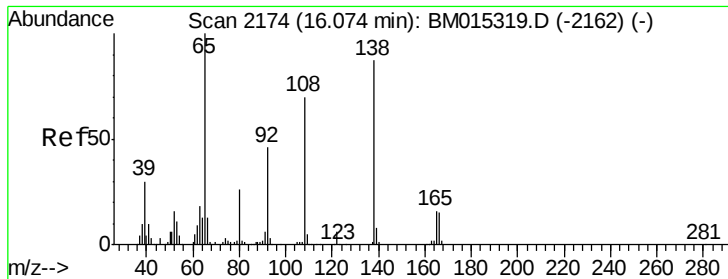
Sohil  
6/7/2018 1:05:06 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 30.028 ng  
RT: 15.99 min Scan# 2159  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.8  | 26.6  | 39.8  |
| 141     | 63.7  | 45.2  | 67.8  |





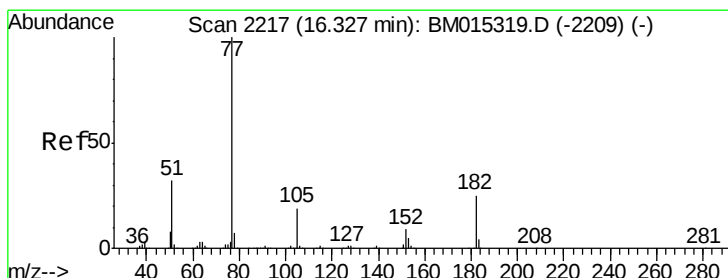
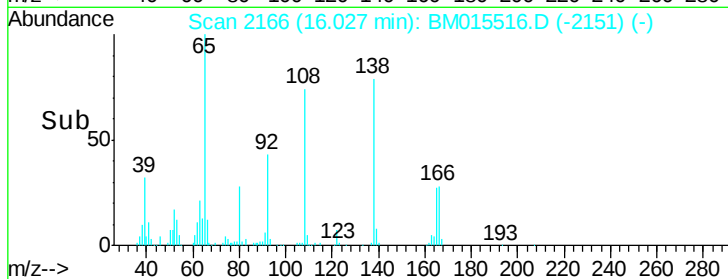
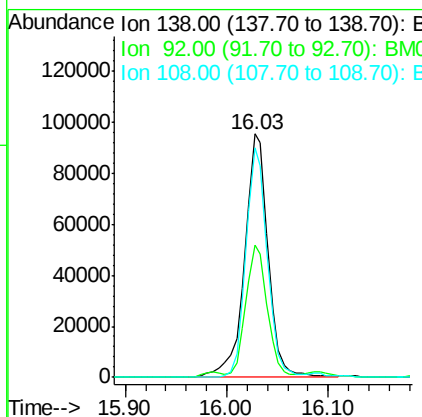
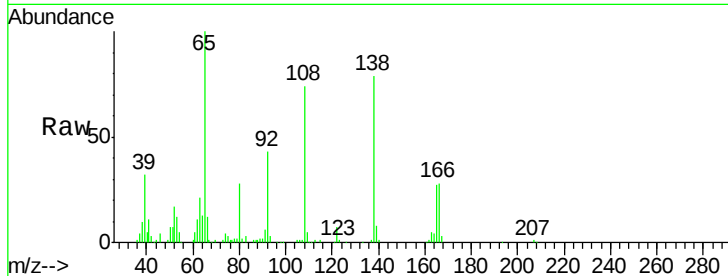
#61  
4-Nitroaniline  
Concen: 24.490 ng  
RT: 16.03 min Scan# 2166  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.3  | 16.7  | 56.7  |
| 108     | 94.4  | 37.6  | 77.6  |

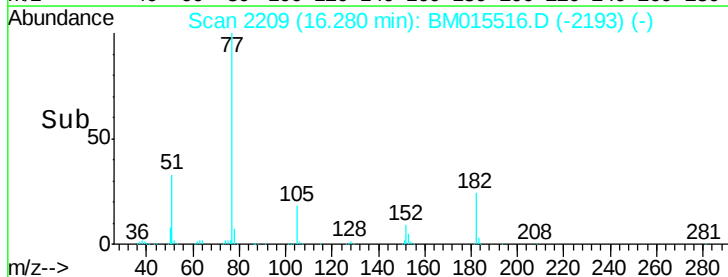
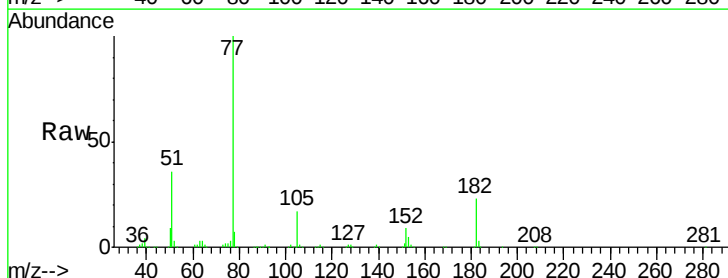
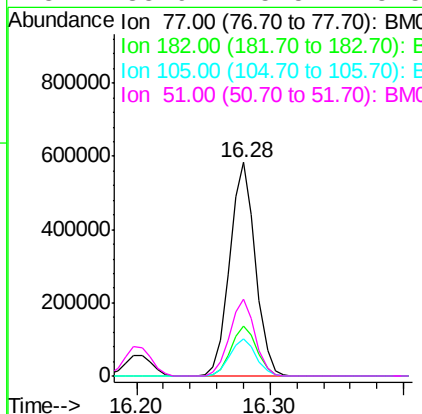
Manual Integrations  
APPROVED

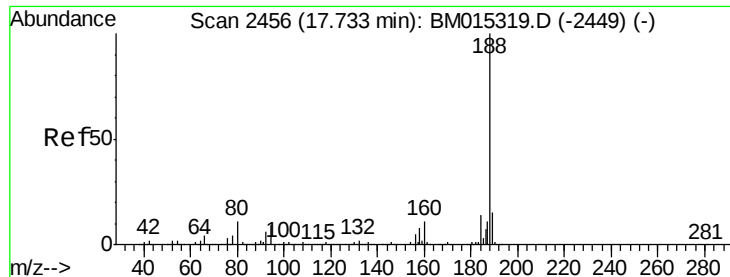
Sohil  
6/7/2018 1:05:06 PM



#62  
Azobenzene  
Concen: 32.190 ng  
RT: 16.28 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 23.4  | 6.5   | 46.5  |
| 105     | 17.5  | 3.8   | 43.8  |
| 51      | 35.9  | 5.5   | 45.5  |





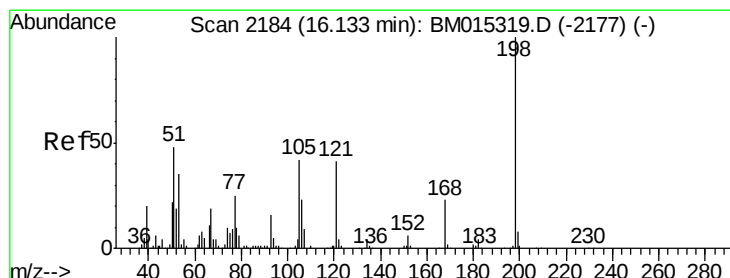
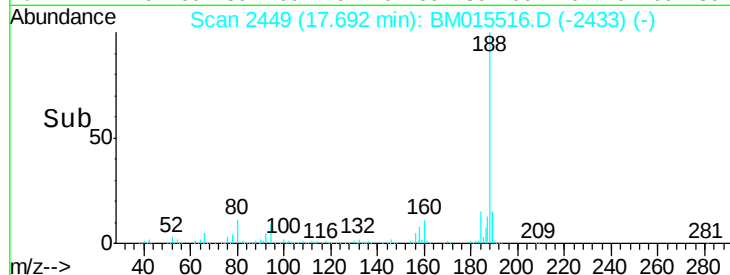
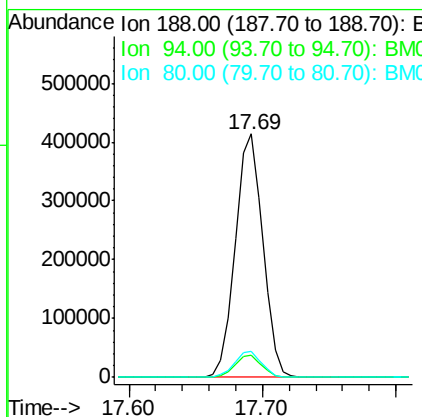
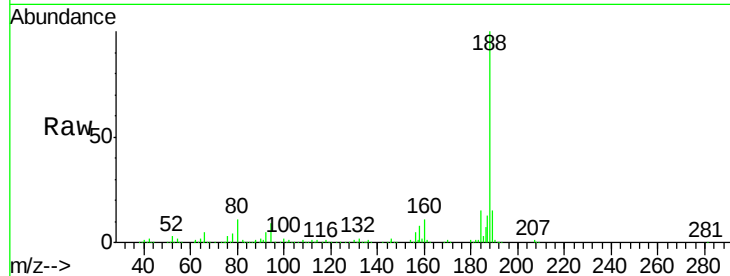
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.69 min Scan# 2449  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleID :  
PB109980BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 592138 |       |       |
| 94      | 9.2   | 8.7    | 13.1  |       |
| 80      | 10.8  | 9.3    | 13.9  |       |

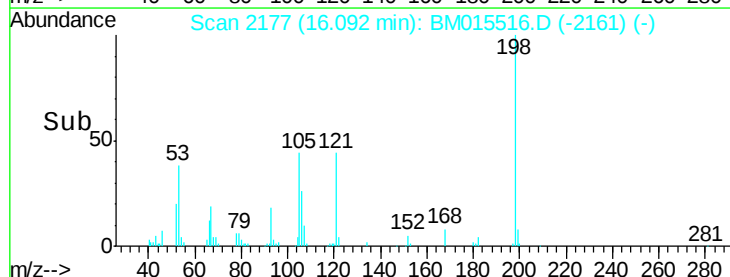
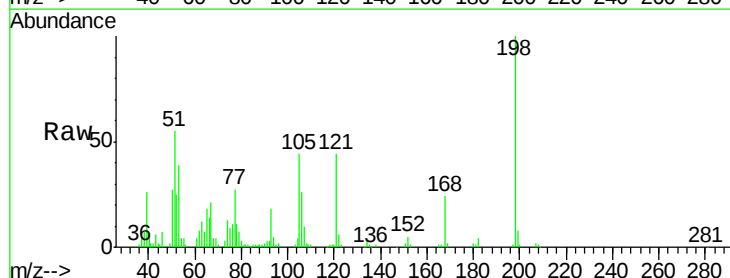
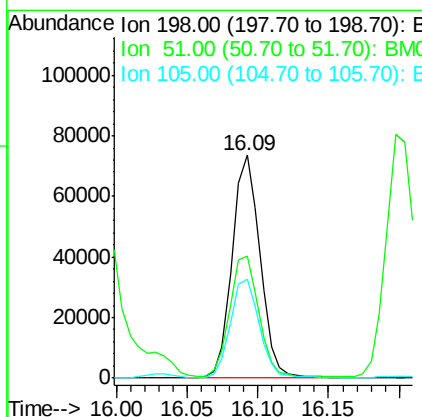
Manual Integrations  
APPROVED

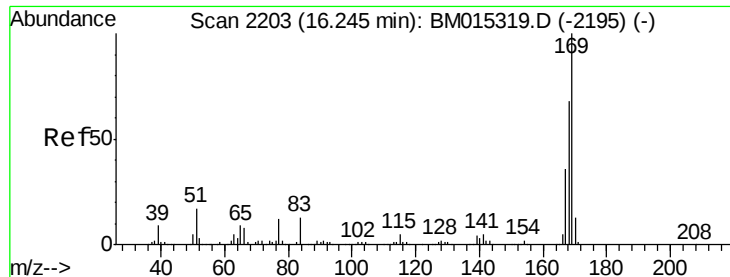
Sohil  
6/7/2018 1:05:06 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 29.895 ng  
RT: 16.09 min Scan# 2177  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 101969 |       |       |
| 51      | 54.9  | 28.8   | 68.8  |       |
| 105     | 44.2  | 30.5   | 70.5  |       |





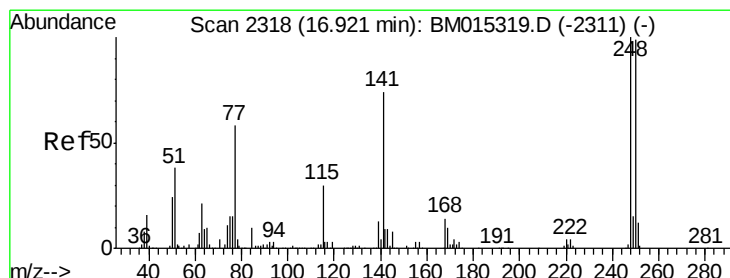
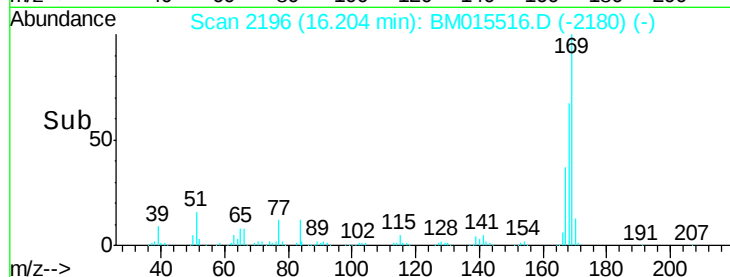
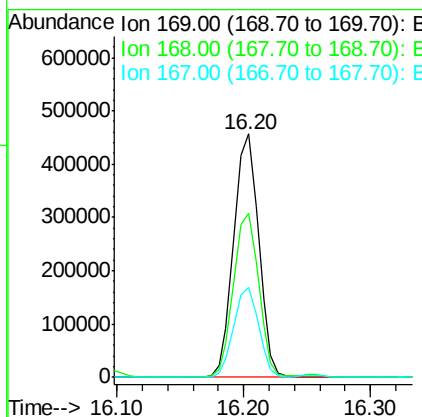
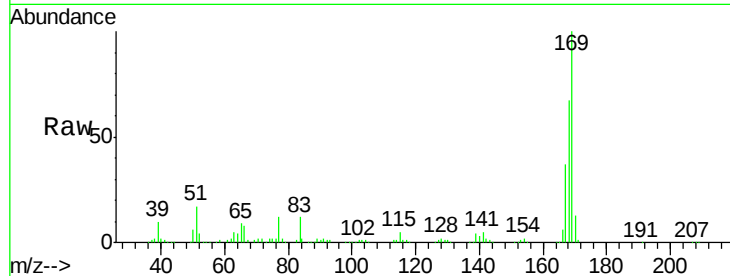
#65  
n-Nitrosodiphenylamine  
Concen: 34.111 ng  
RT: 16.20 min Scan# 2196  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.3  | 53.9  | 80.9  |
| 167     | 36.8  | 28.9  | 43.3  |

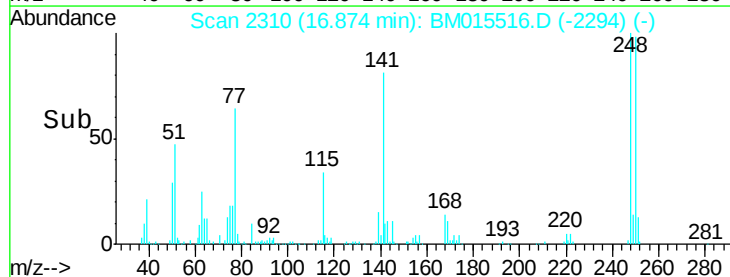
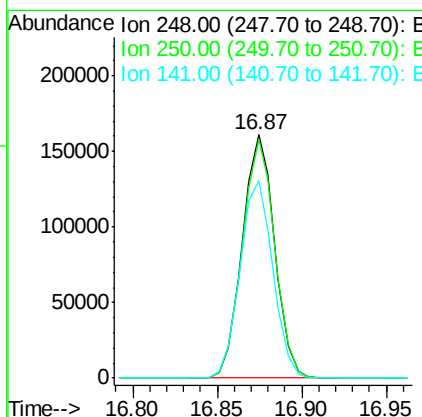
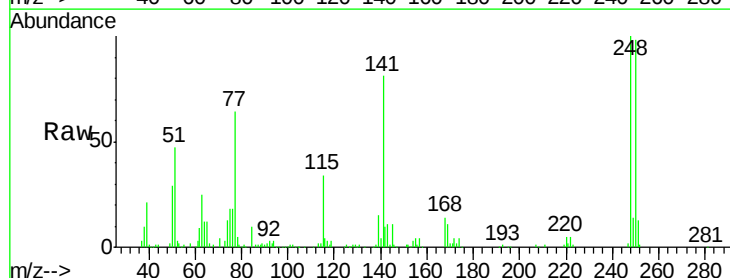
Manual Integrations  
APPROVED

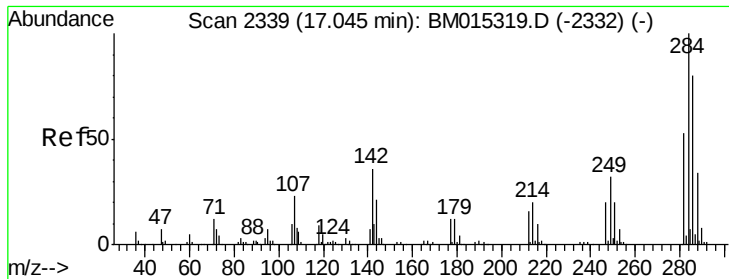
Sohil  
6/7/2018 1:05:06 PM



#66  
4-Bromophenyl-phenylether  
Concen: 33.906 ng  
RT: 16.87 min Scan# 2310  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.7  | 77.4  | 116.0 |
| 141     | 81.2  | 45.2  | 67.8# |





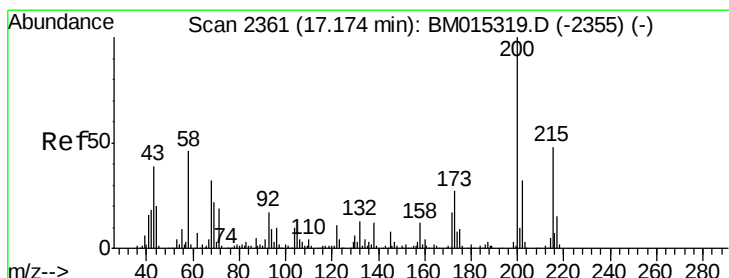
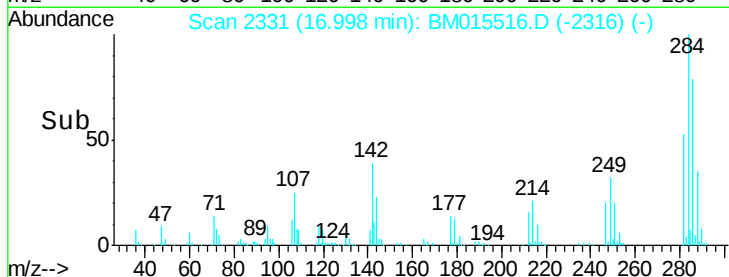
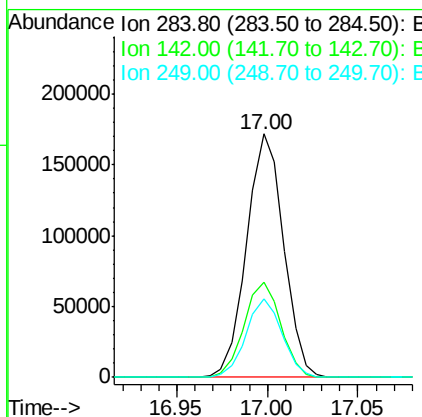
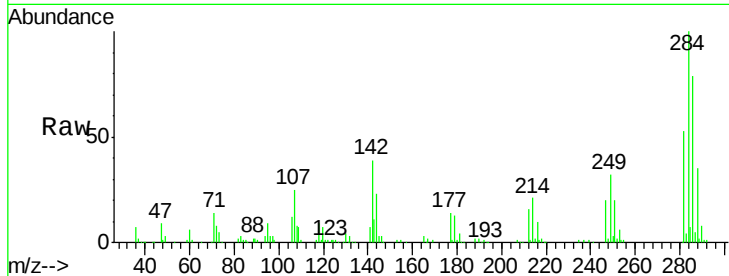
#67  
Hexachlorobenzene  
Concen: 33.336 ng  
RT: 17.00 min Scan# 2331  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 243060 |       |       |
| 142     | 38.9  | 20.4   | 30.6  |       |
| 249     | 32.2  | 23.8   | 35.6  |       |

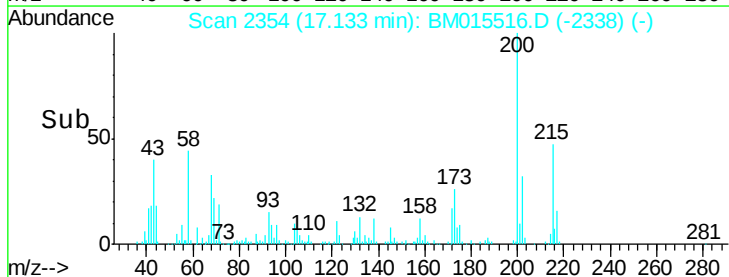
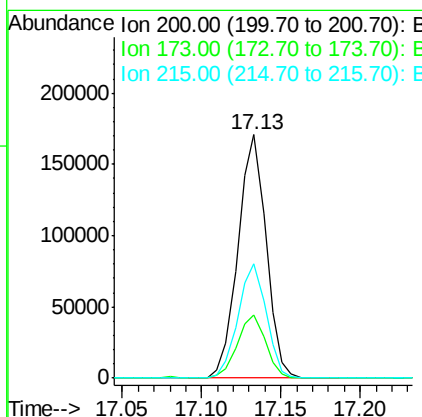
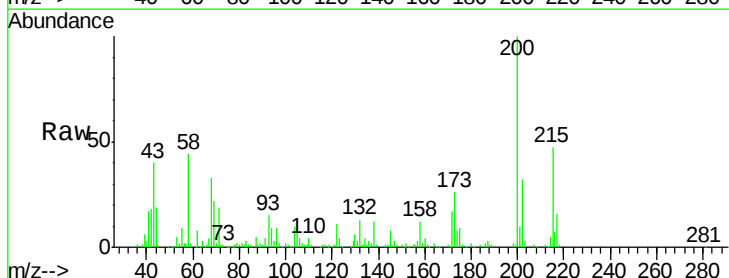
Manual Integrations  
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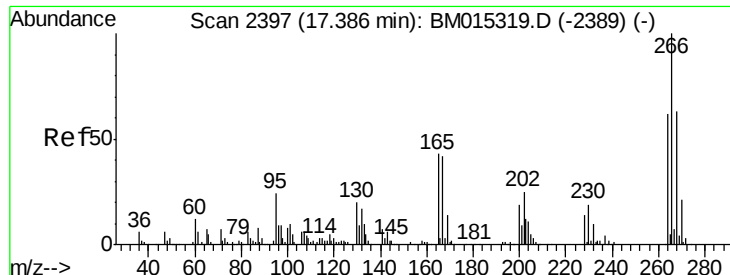
Sohil  
6/7/2018 1:05:06 PM



#68  
Atrazine  
Concen: 32.985 ng  
RT: 17.13 min Scan# 2354  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 210026 |       |       |
| 173     | 26.1  | 4.8    | 44.8  |       |
| 215     | 47.1  | 26.9   | 66.9  |       |





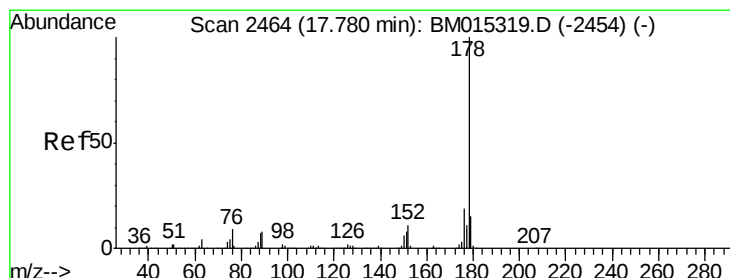
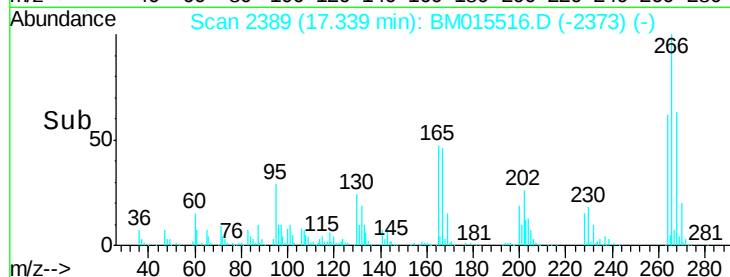
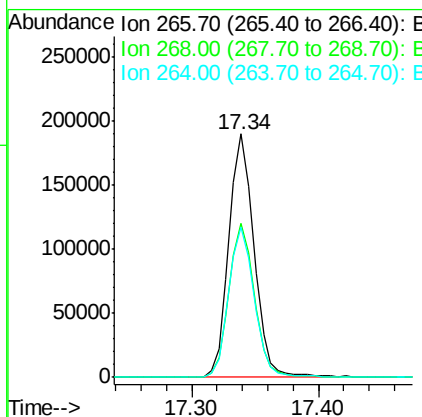
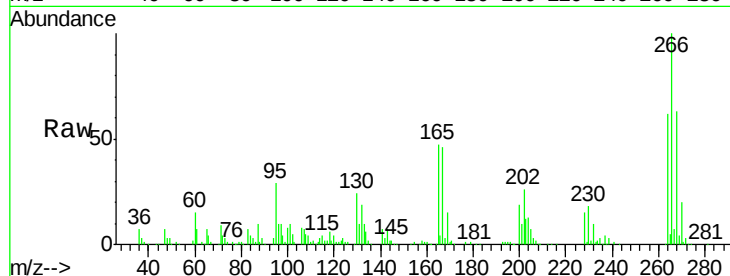
#69  
 Pentachlorophenol  
 Concen: 61.252 ng  
 RT: 17.34 min Scan# 2389  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB109980BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 262313 |       |       |
| 268     | 63.1  | 52.0   | 78.0  |       |
| 264     | 61.7  | 49.0   | 73.4  |       |

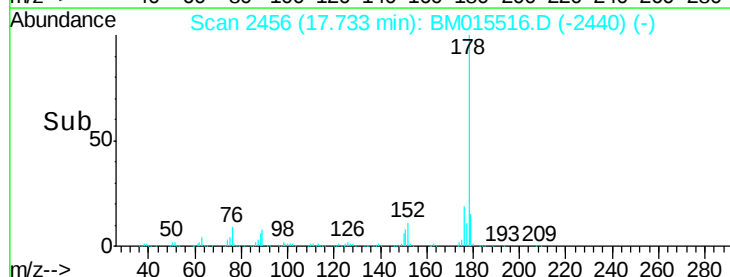
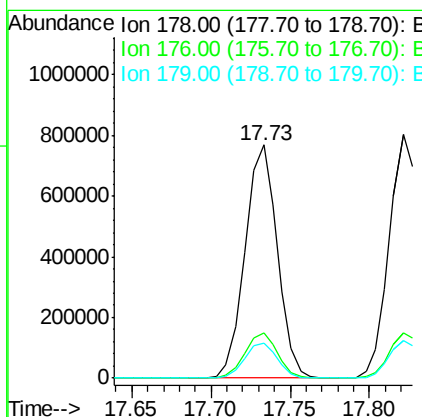
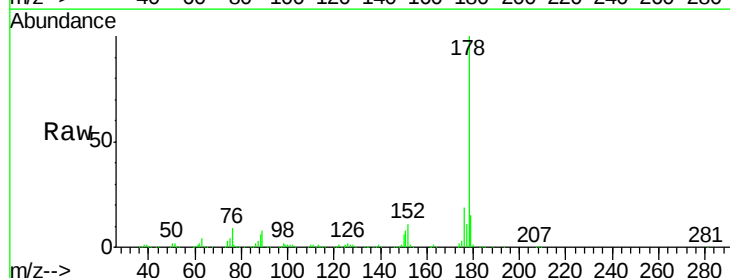
Manual Integrations  
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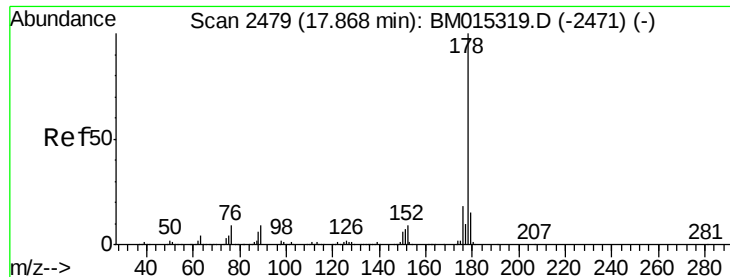
Sohil  
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#70  
 Phenanthrene  
 Concen: 32.490 ng  
 RT: 17.73 min Scan# 2456  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1085246 |       |       |
| 176     | 19.4  | 15.2    | 22.8  |       |
| 179     | 15.1  | 12.1    | 18.1  |       |





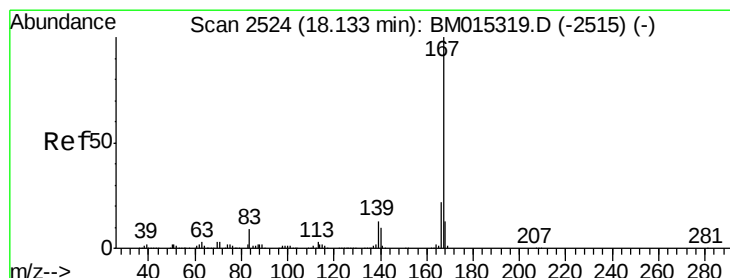
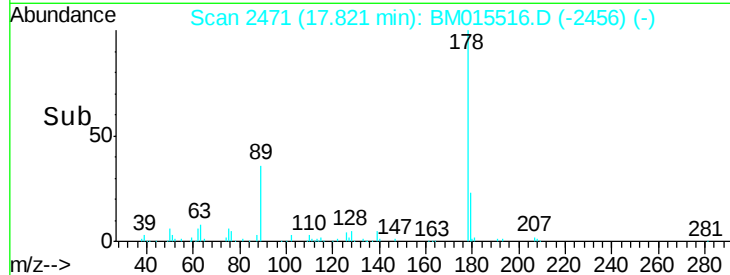
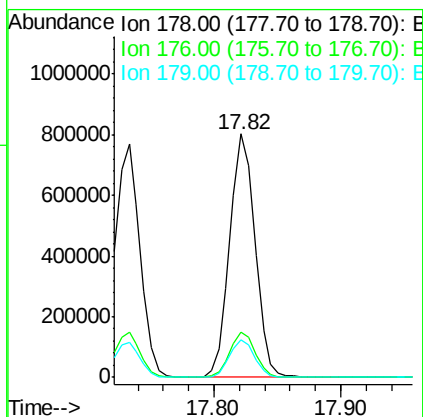
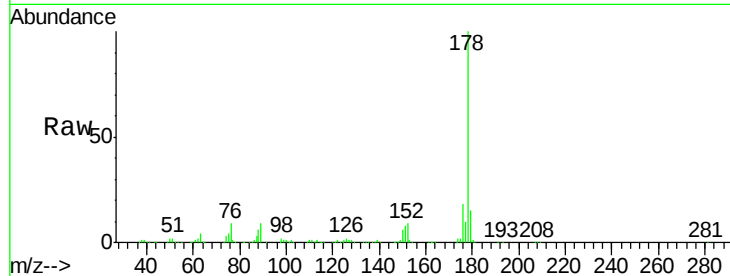
#71  
 Anthracene  
 Concen: 32.292 ng  
 RT: 17.82 min Scan# 2471  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

Instrument :  
 BNA\_M  
 ClientSampled :  
 PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 14.6  | 22.0  |
| 179     | 15.4  | 12.6  | 19.0  |

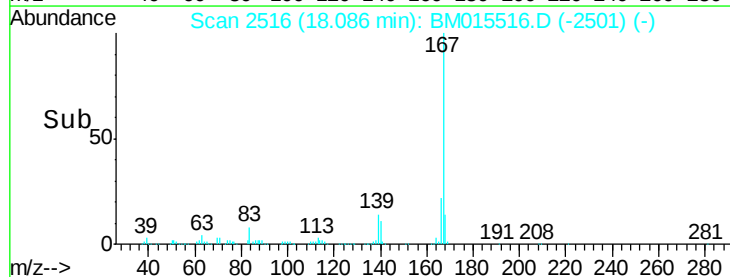
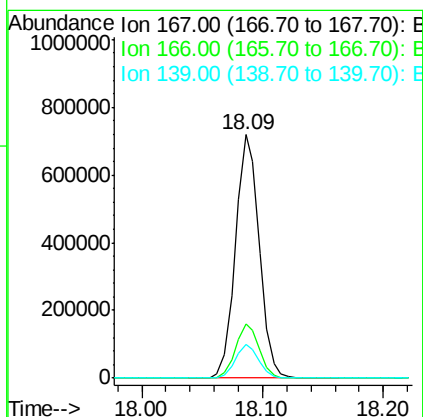
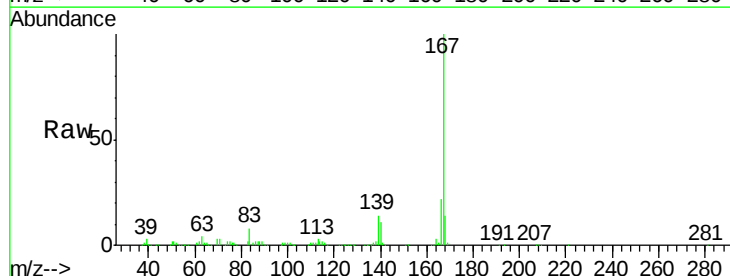
Manual Integrations  
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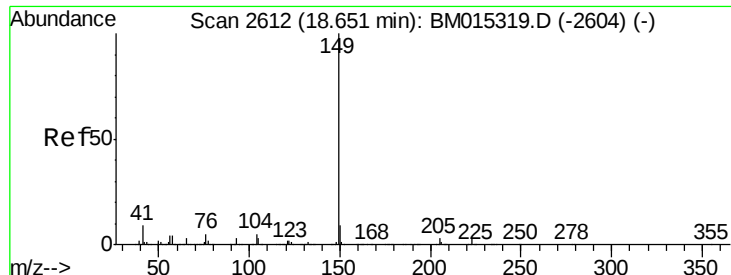
Sohil  
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#72  
 Carbazole  
 Concen: 31.132 ng  
 RT: 18.09 min Scan# 2516  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.2  | 25.8  |
| 139     | 13.7  | 10.8  | 16.2  |





#73

Di-n-butylphthalate

Concen: 29.715 ng

RT: 18.61 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Instrument :

BNA\_M

ClientSampleId :

PB109980BS

Tot Ion:149 Resp: 1178983

Ion Ratio Lower Upper

149 100

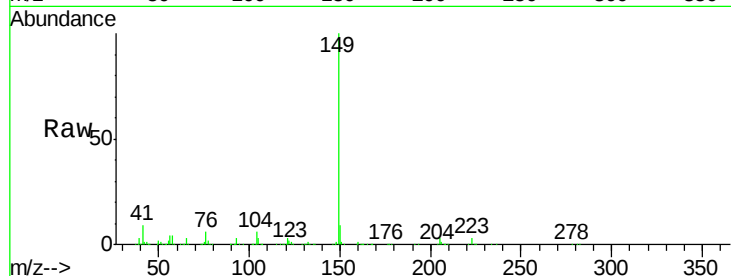
150 8.8 7.5 11.3

104 5.7 3.7 5.5#

Manual Integrations  
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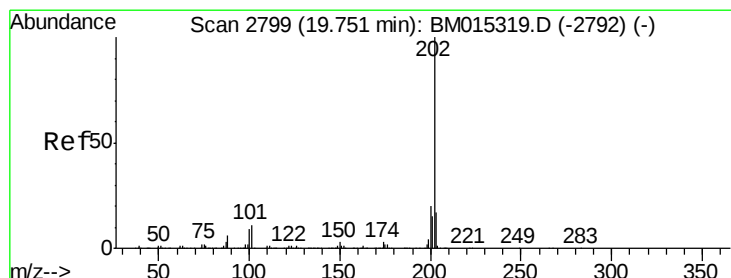
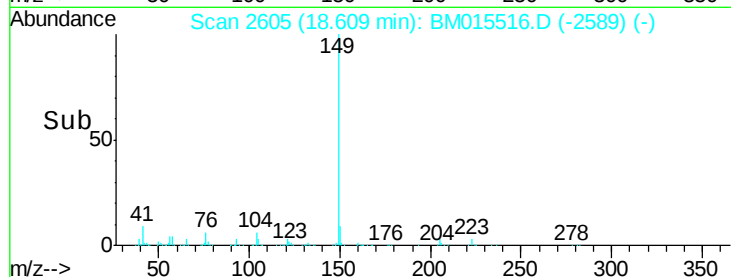
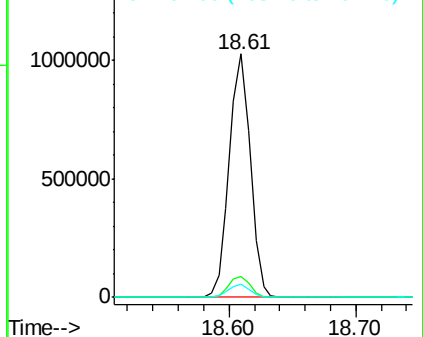
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.566 ng

RT: 19.71 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

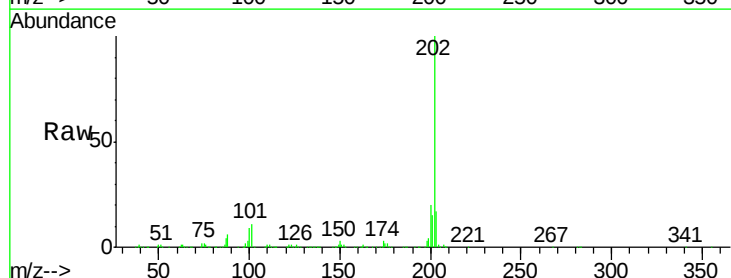
Tgt Ion:202 Resp: 1188029

Ion Ratio Lower Upper

202 100

101 10.9 0.0 28.7

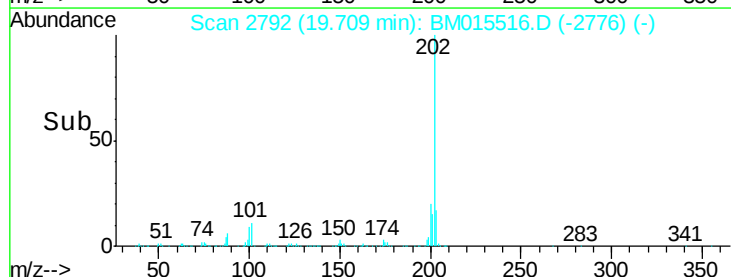
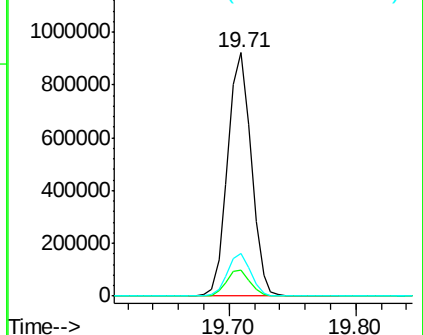
203 17.4 0.0 37.2

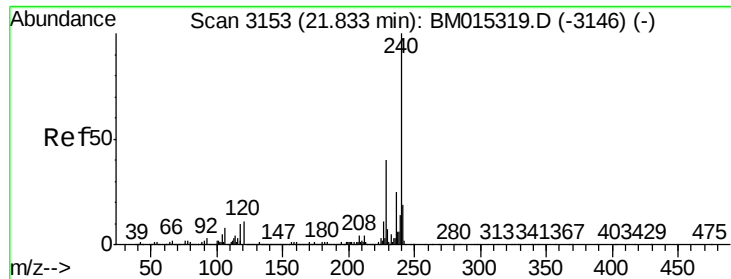


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.79 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

Instrument :

BNA\_M

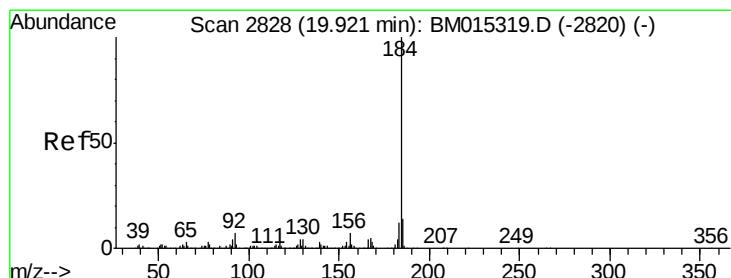
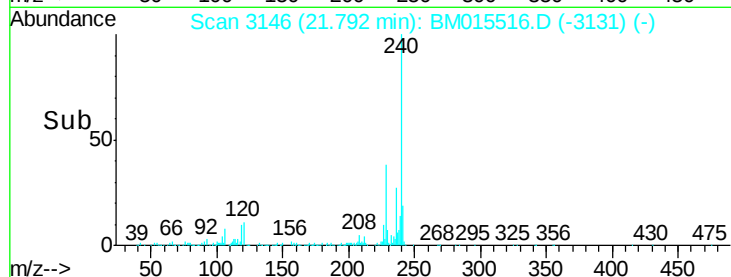
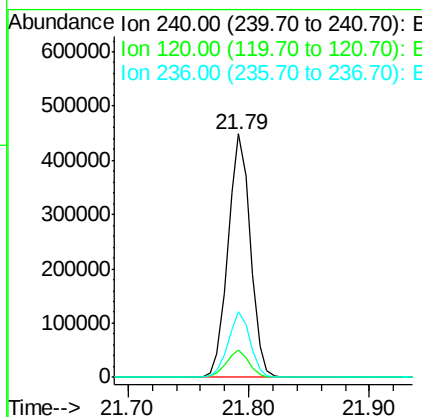
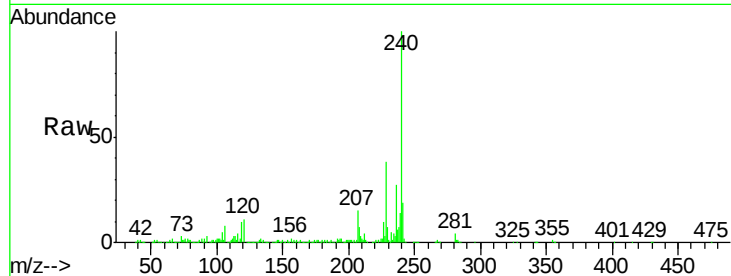
ClientSampleId :

PB109980BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 576373 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 11.2  | 8.2   | 12.2   |
| 236       | 27.0  | 20.0  | 30.0   |

Manual Integrations  
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6/7/2018 1:05:06 PM



#76

Benzidine

Concen: 14.170 ng

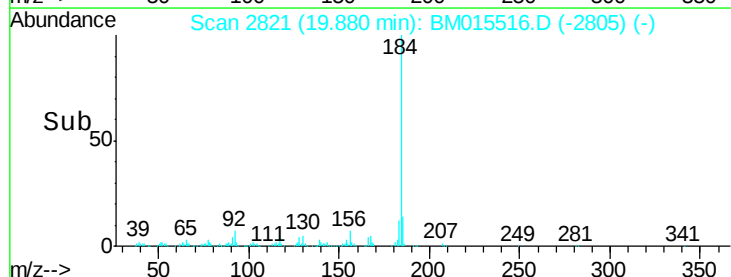
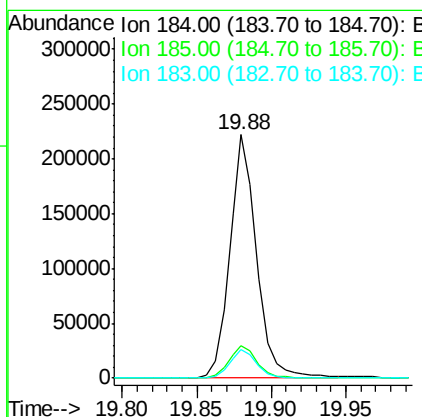
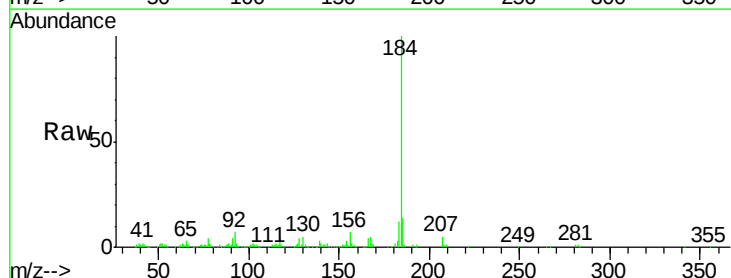
RT: 19.88 min Scan# 2821

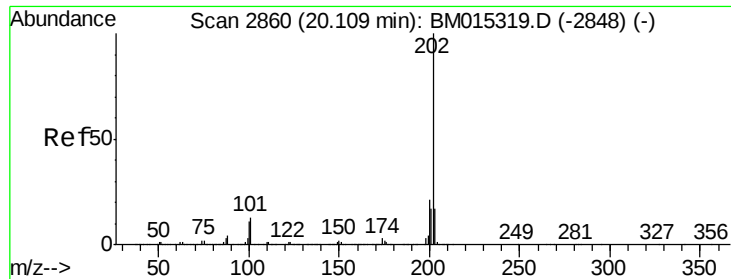
Delta R.T. -0.01 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 278001 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.5  | 11.3  | 16.9   |
| 183       | 11.5  | 8.9   | 13.3   |





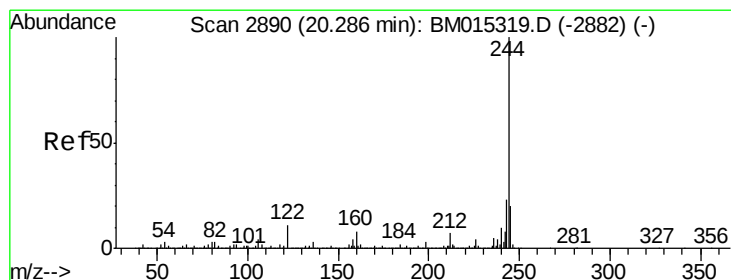
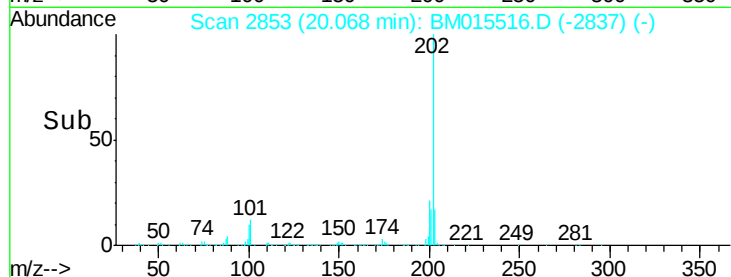
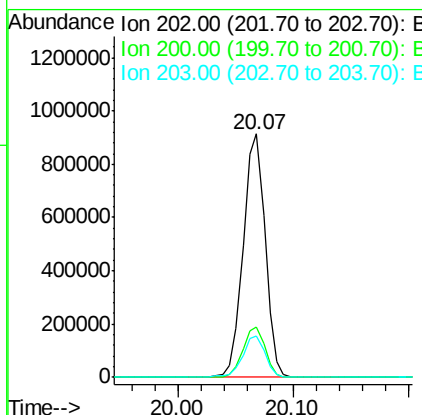
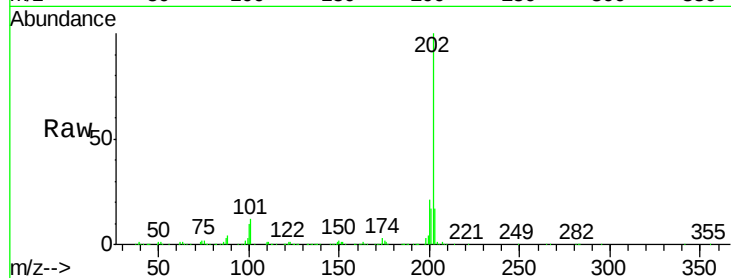
#77  
Pvrene  
Concen: 34.697 ng  
RT: 20.07 min Scan# 2853  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.8  | 16.9  | 25.3  |
| 203     | 17.0  | 14.1  | 21.1  |

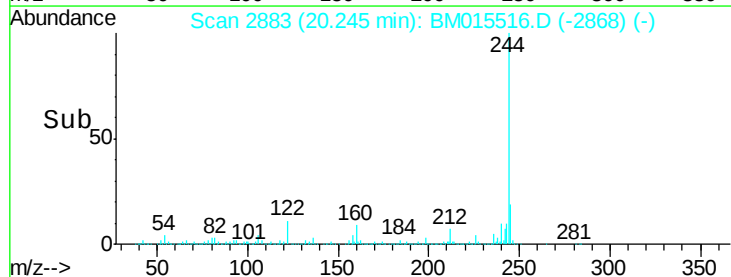
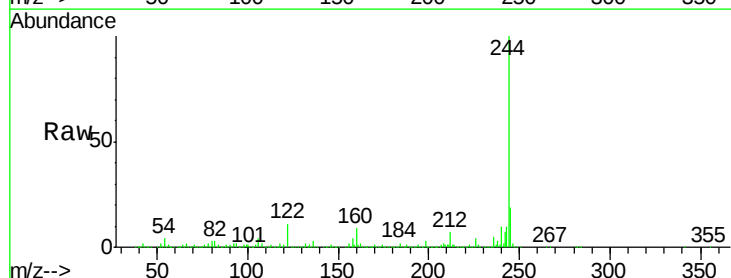
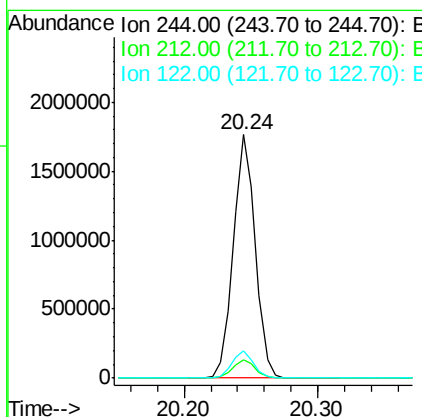
Manual Integrations  
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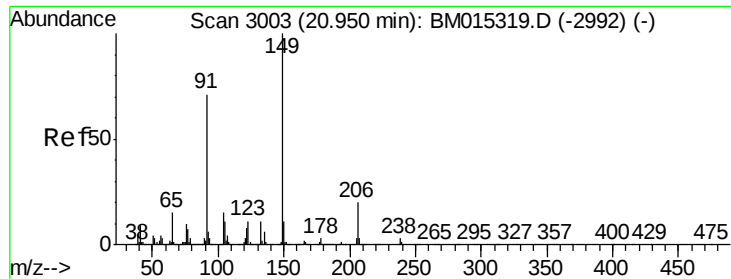
Sohil  
6/7/2018 1:05:06 PM



#78  
Terphenyl-d14  
Concen: 81.029 ng  
RT: 20.24 min Scan# 2883  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.5   | 4.9   | 7.3#  |
| 122     | 11.0  | 6.2   | 9.4#  |





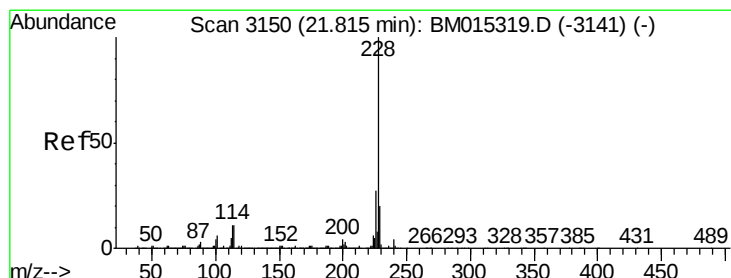
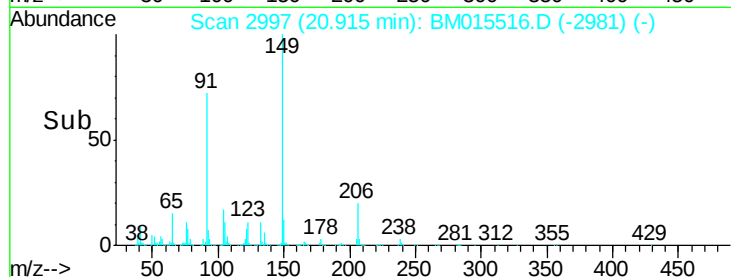
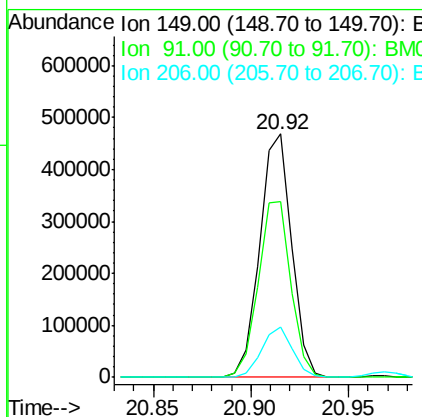
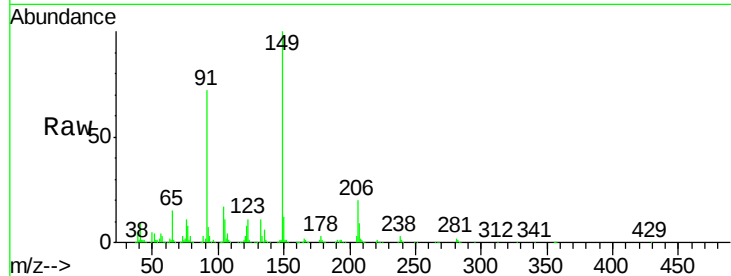
#79  
Butylbenzylphthalate  
Concen: 31.529 ng  
RT: 20.92 min Scan# 2997  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.9  | 50.1  | 75.1  |
| 206     | 20.5  | 16.2  | 24.2  |

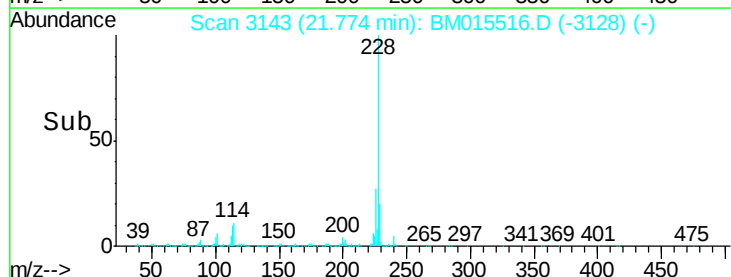
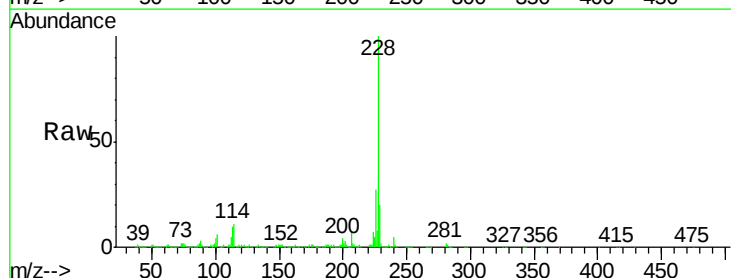
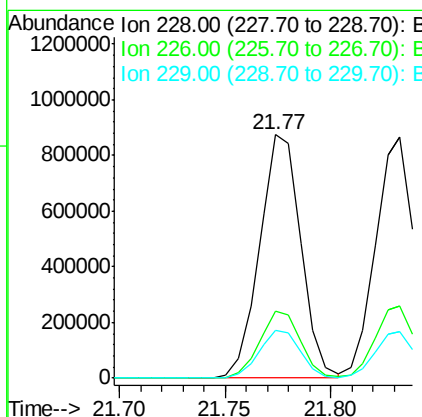
Manual Integrations  
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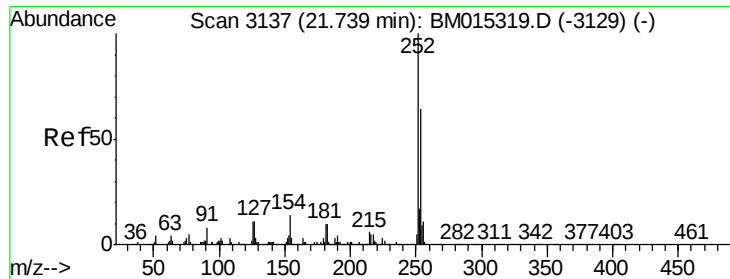
Sohil  
6/7/2018 1:05:06 PM



#80  
Benzo(a)anthracene  
Concen: 32.327 ng  
RT: 21.77 min Scan# 3143  
Delta R.T. -0.01 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.3  | 21.7  | 32.5  |
| 229     | 19.5  | 16.0  | 24.0  |





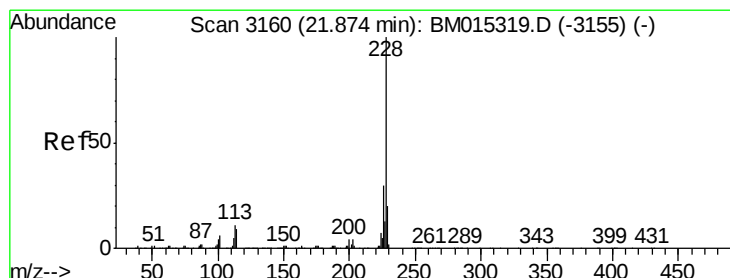
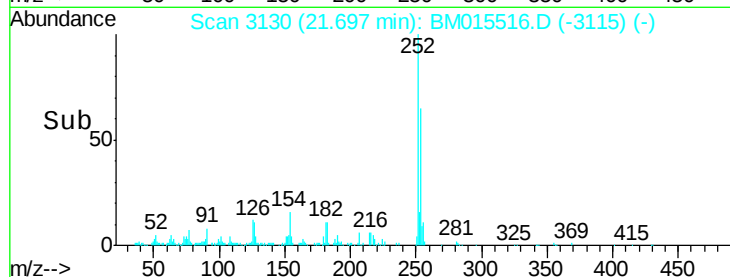
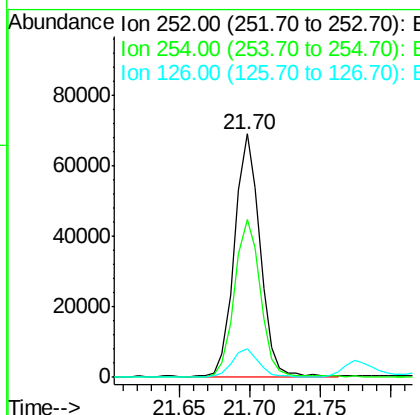
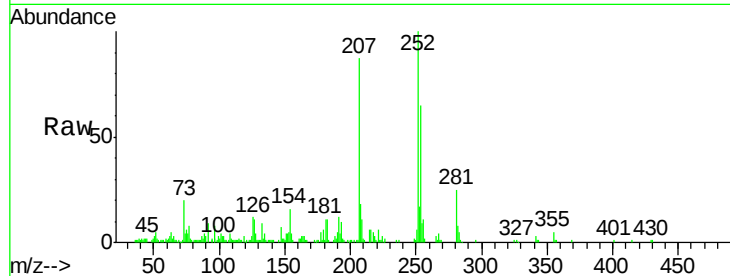
#81  
 3,3'-Dichlorobenzidine  
 Concen: 6.102 ng  
 RT: 21.70 min Scan# 3130  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.7  | 51.9  | 77.9  |
| 126     | 11.7  | 9.8   | 14.8  |

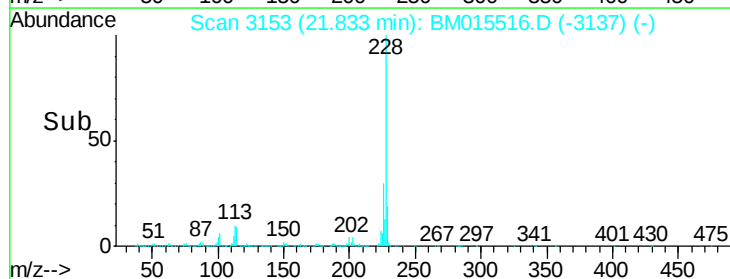
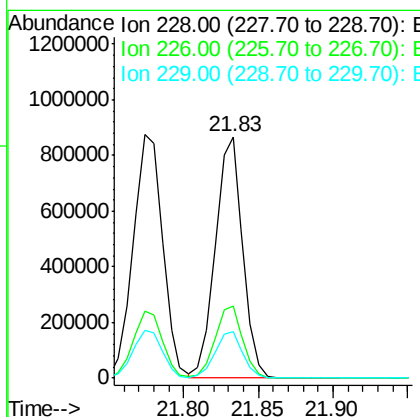
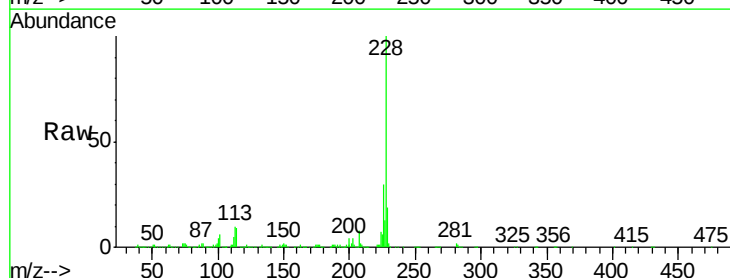
Manual Integrations  
 APPROVED

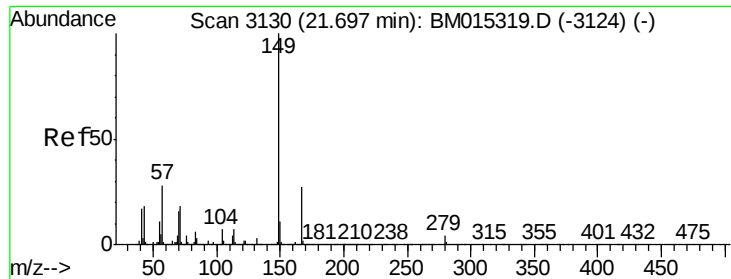
Sohil  
 6/7/2018 1:05:06 PM



#82  
 Chrysene  
 Concen: 32.638 ng  
 RT: 21.83 min Scan# 3153  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.8  | 24.1  | 36.1  |
| 229     | 19.3  | 15.5  | 23.3  |





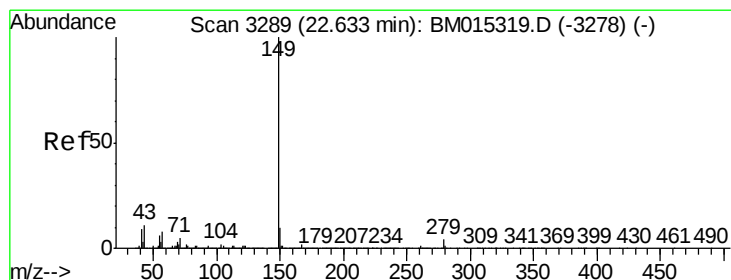
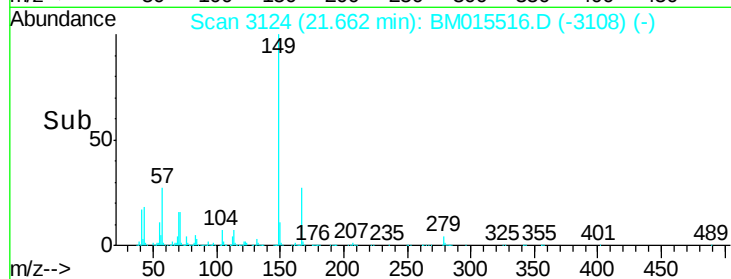
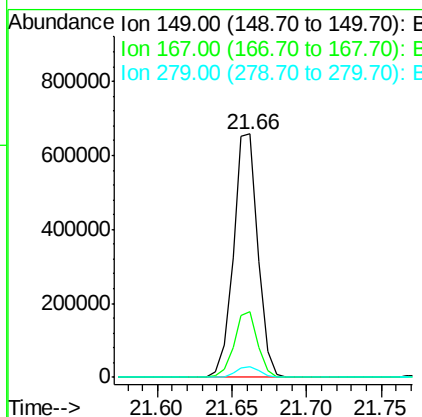
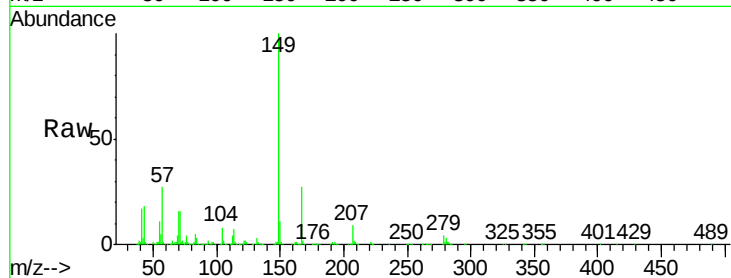
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 30.276 ng  
 RT: 21.66 min Scan# 3124  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.7  | 22.4  | 33.6  |
| 279     | 4.3   | 3.4   | 5.0   |

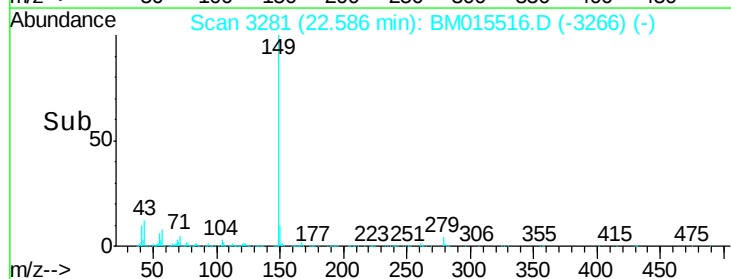
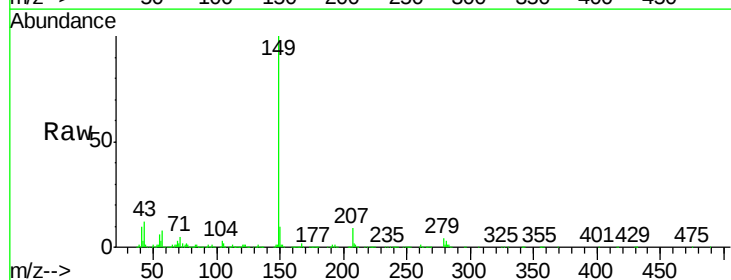
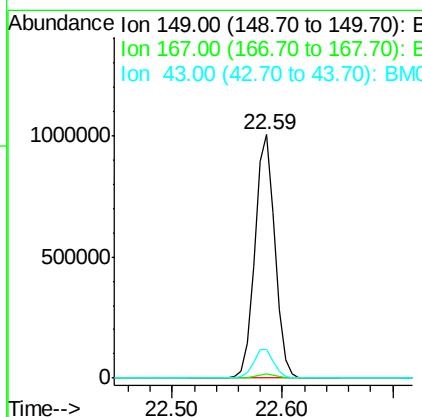
Manual Integrations  
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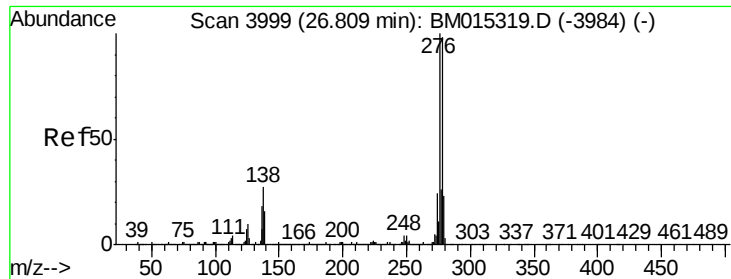
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#84  
 Di-n-octyl phthalate  
 Concen: 29.282 ng  
 RT: 22.59 min Scan# 3281  
 Delta R.T. -0.01 min  
 Lab File: BM015516.D  
 Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.2   | 1.8   |
| 43      | 12.1  | 7.3   | 10.9  |





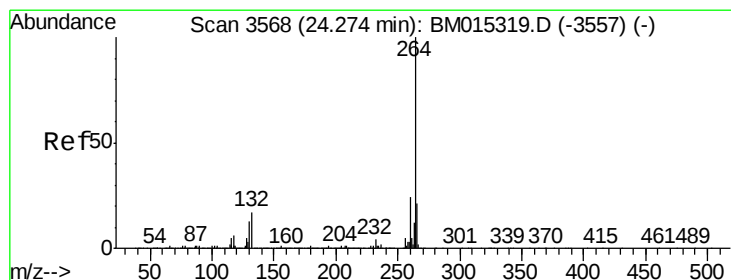
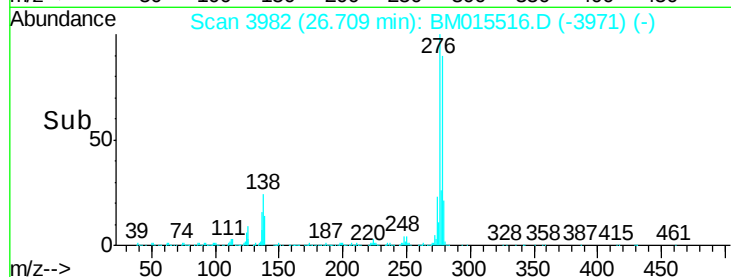
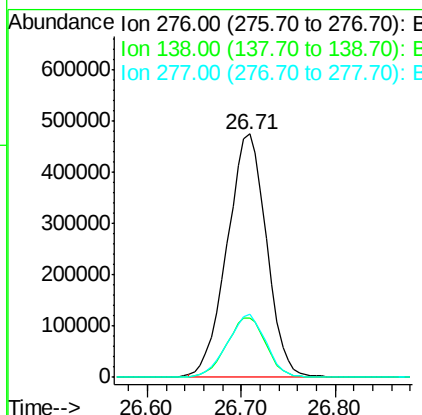
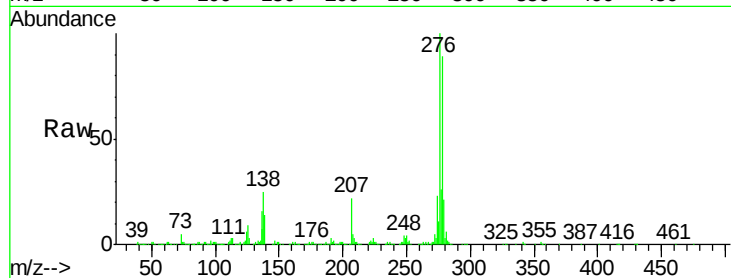
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 29.605 ng  
RT: 26.71 min Scan# 3982  
Delta R.T. -0.04 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.7  | 12.0  | 18.0# |
| 277     | 25.3  | 20.0  | 30.0  |

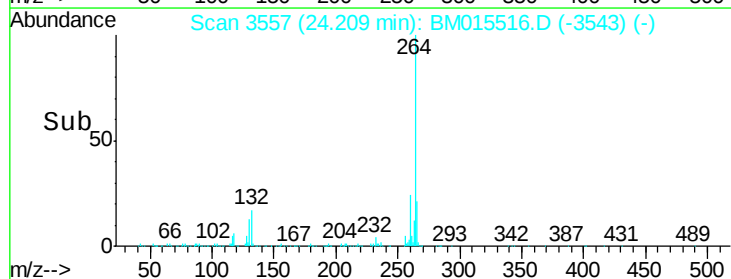
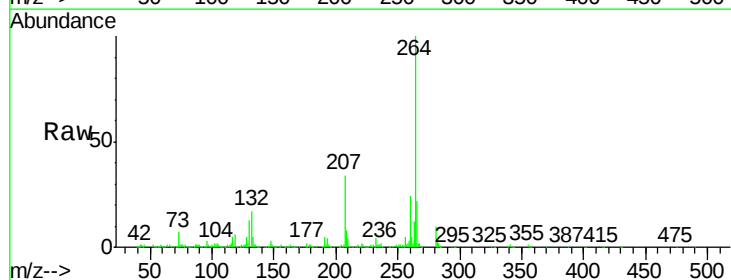
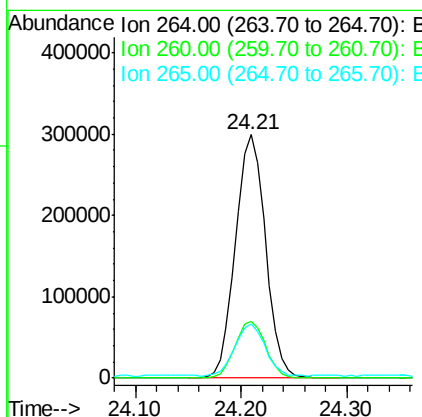
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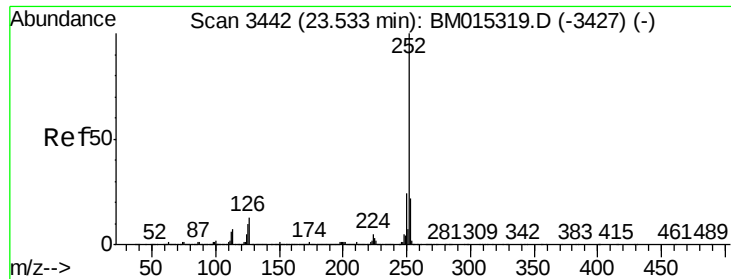
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.21 min Scan# 3557  
Delta R.T. -0.02 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.6  | 27.8  |
| 265     | 22.1  | 17.3  | 25.9  |





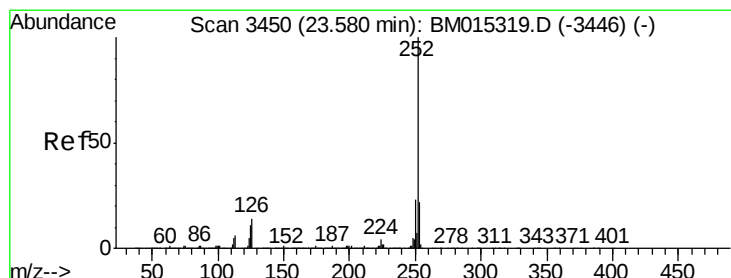
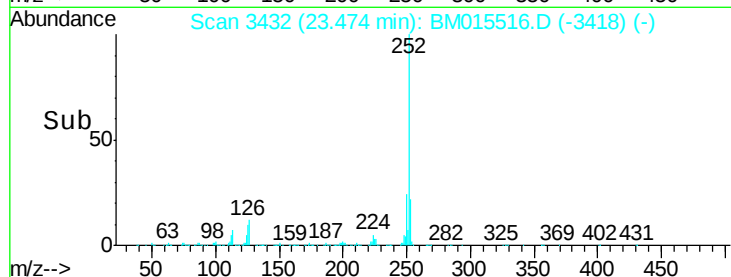
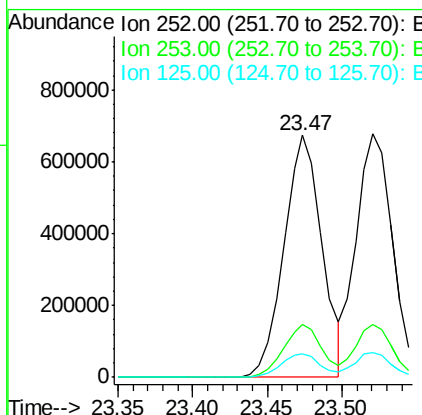
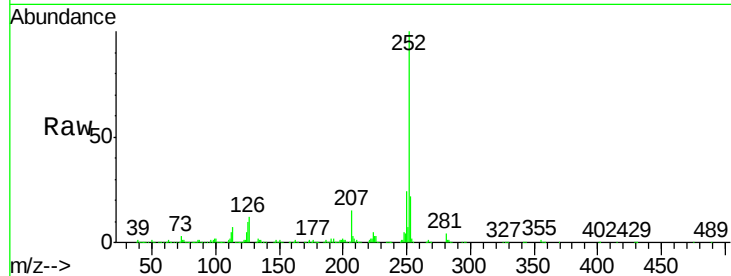
#87  
Benzo(b)fluoranthene  
Concen: 33.311 ng  
RT: 23.47 min Scan# 3432  
Delta R.T. -0.02 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

Tot Ion:252 Resp: 1194050  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.0 27.0  
125 10.0 9.9 14.9

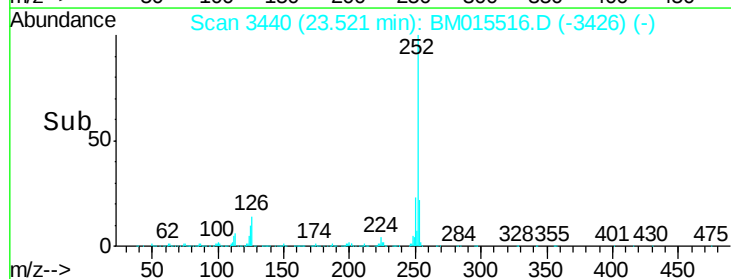
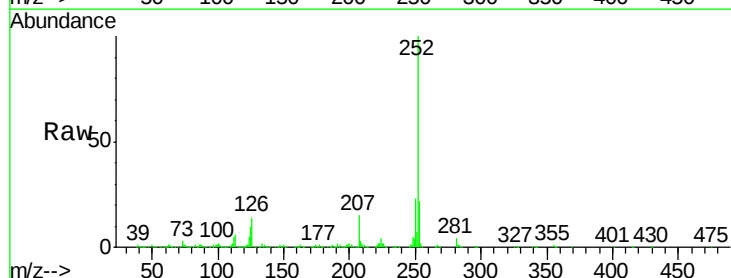
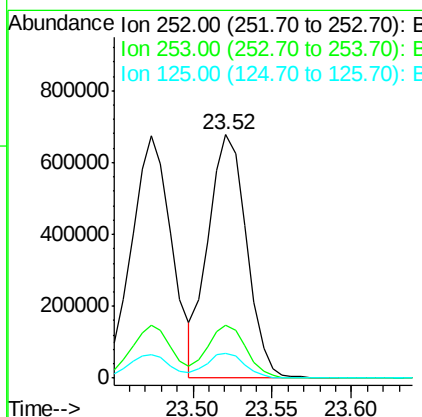
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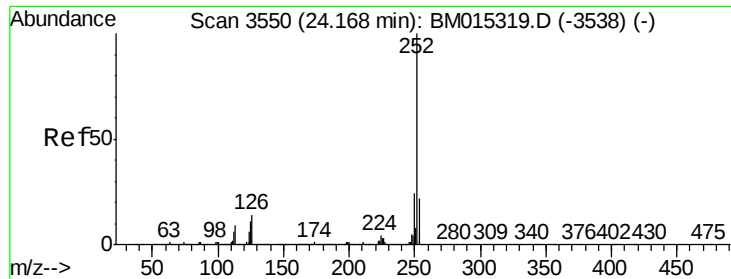
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#88  
Benzo(k)fluoranthene  
Concen: 33.335 ng  
RT: 23.52 min Scan# 3440  
Delta R.T. -0.02 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Tgt Ion:252 Resp: 1137131  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.2 25.8  
125 10.1 8.1 12.1





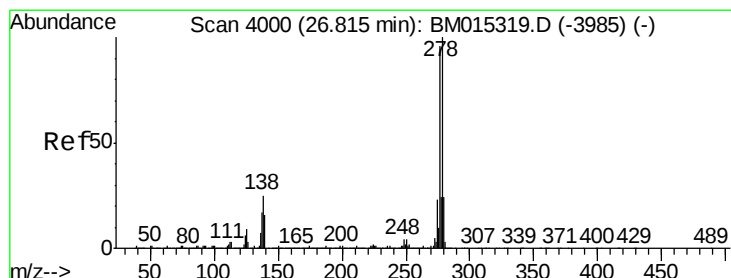
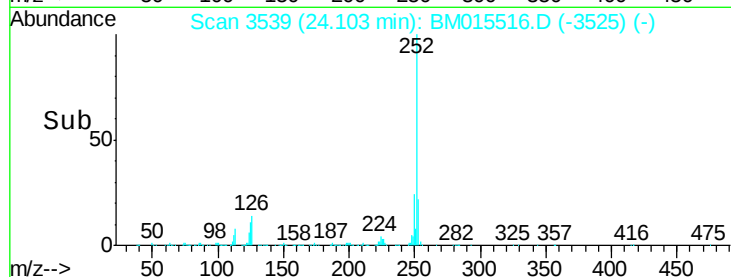
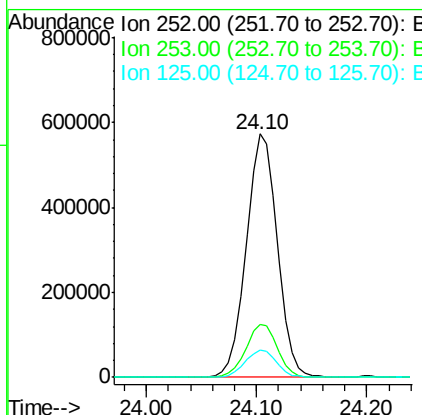
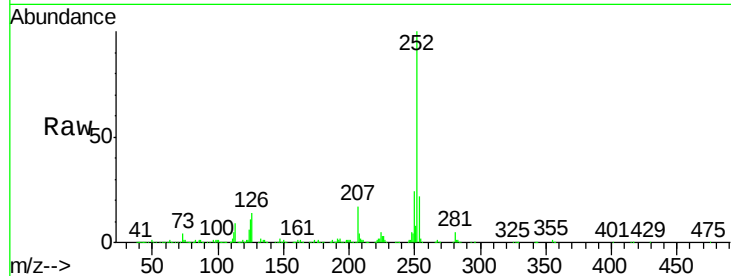
#89  
Benzo(a)pyrene  
Concen: 32.626 ng  
RT: 24.10 min Scan# 3539  
Delta R.T. -0.02 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB109980BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.6  | 26.4  |
| 125     | 11.0  | 7.4   | 11.2  |

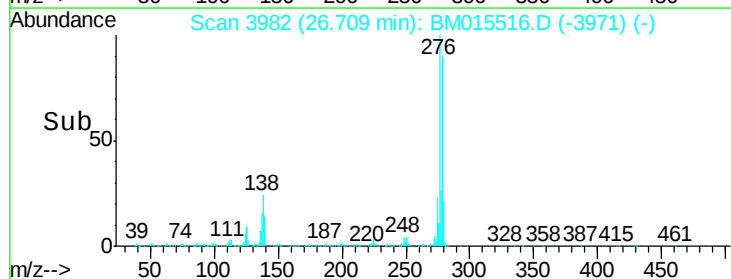
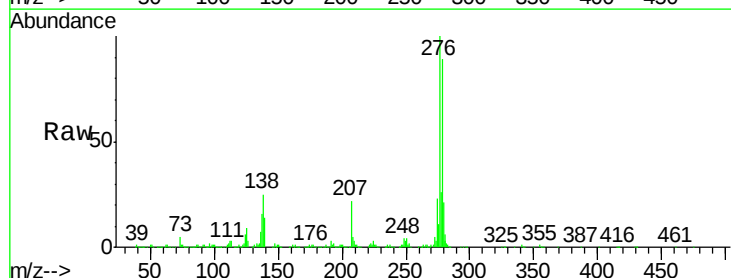
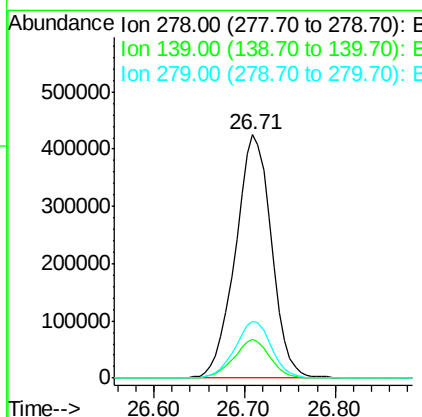
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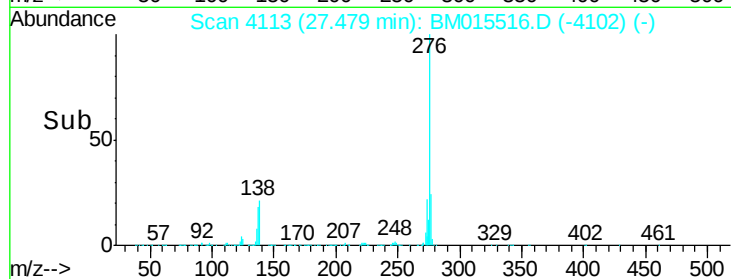
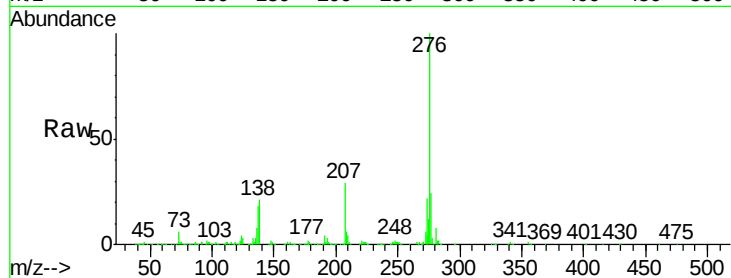
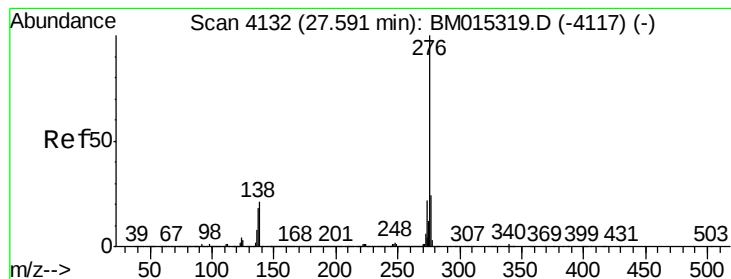
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#90  
Dibenzo(a,h)anthracene  
Concen: 32.467 ng  
RT: 26.71 min Scan# 3982  
Delta R.T. -0.04 min  
Lab File: BM015516.D  
Acq: 07 Jun 2018 08:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.8  | 13.4  | 20.0  |
| 279     | 23.5  | 19.0  | 28.4  |





#91

Benzo(a,h,i)perylene

Concen: 32.502 ng

RT: 27.48 min Scan# 4113

Delta R.T. -0.04 min

Lab File: BM015516.D

Acq: 07 Jun 2018 08:21

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 276   | Resp: | 1134339 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 277       | 23.7  | 18.5  | 27.7    |
| 138       | 21.1  | 19.0  | 28.6    |

Instrument :

BNA\_M

ClientSampleId :

PB109980BS

Manual Integrations  
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